

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091467.D
 Acq On : 6 Dec 2016 19:12
 Operator : UM/SJ
 Sample : H5836-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Quant Time: Dec 07 00:58:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132275m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	495450	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	266656	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	398916	20.00	ng	0.00
75) Chrysene-d12	13.99	240	304468	20.00	ng	0.00
86) Perylene-d12	15.42	264	301701	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	577084	71.27	ng	0.00
7) Phenol-d6	6.48	99	778190	78.07	ng	0.01
23) Nitrobenzene-d5	7.41	82	524148	59.29	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	174853	69.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	809467	54.96	ng	0.00
78) Terphenyl-d14	12.94	244	582577	41.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	69992	19.11	ng	# 78
3) Pyridine	3.20	79	195429	18.85	ng	# 76
4) n-Nitrosodimethylamine	3.14	42	136536	25.10	ng	91
6) Aniline	6.50	93	208784m	15.77	ng	
8) 2-Chlorophenol	6.63	128	224763	25.32	ng	99
9) Benzaldehyde	6.38	77	53470m	8.34	ng	
10) Phenol	6.49	94	325943	27.79	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	201176	24.01	ng	91
12) 1,3-Dichlorobenzene	6.78	146	229264m	23.22	ng	
13) 1,4-Dichlorobenzene	6.86	146	242115m	24.65	ng	
14) 1,2-Dichlorobenzene	7.02	146	225800	24.68	ng	93
15) Benzyl Alcohol	6.98	79	236659	29.67	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	415506	23.06	ng	73
17) 2-Methylphenol	7.10	107	174008m	24.80	ng	
18) Hexachloroethane	7.36	117	86762	24.88	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	181061m	28.83	ng	
20) 3+4-Methylphenols	7.25	107	234361m	27.36	ng	
22) Acetophenone	7.25	105	318898	27.16	ng	# 77
24) Nitrobenzene	7.42	77	228340	25.23	ng	93
25) Isophorone	7.67	82	467307	29.84	ng	# 90
26) 2-Nitrophenol	7.74	139	104576	25.35	ng	# 85
27) 2,4-Dimethylphenol	7.78	122	216201	28.02	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	250040	26.52	ng	91
29) 2,4-Dichlorophenol	7.99	162	188766	27.81	ng	92
30) 1,2,4-Trichlorobenzene	8.07	180	208229	27.36	ng	98
31) Naphthalene	8.15	128	622647	26.44	ng	100
32) Benzoic acid	7.84	122	14403	2.53	ng	# 85
33) 4-Chloroaniline	8.20	127	154318	15.33	ng	95
34) Hexachlorobutadiene	8.28	225	130450	27.88	ng	99
35) Caprolactam	8.56	113	90737	46.51	ng	# 68
36) 4-Chloro-3-methylphenol	8.68	107	186933	25.51	ng	96
37) 2-Methylnaphthalene	8.85	142	413445	25.84	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	206989	27.54	ng	98
40) Hexachlorocyclopentadiene	9.00	237	126579	36.33	ng	99

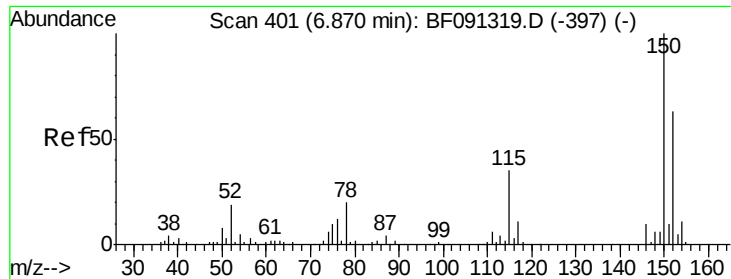
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	140335m	28.72	ng	
43) 2,4,5-Trichlorophenol	9.16	196	124139m	25.36	ng	
45) 1,1'-Biphenyl	9.30	154	543147	28.33	ng	95
46) 2-Chloronaphthalene	9.33	162	379865	26.60	ng	99
47) 2-Nitroaniline	9.42	65	137945	26.90	ng	# 76
48) Acenaphthylene	9.74	152	548364	24.39	ng	98
49) Dimethylphthalate	9.60	163	576079	35.68	ng	98
50) 2,6-Dinitrotoluene	9.66	165	93297	25.85	ng	87
51) Acenaphthene	9.91	154	353077	23.29	ng	96
52) 3-Nitroaniline	9.83	138	97247	23.28	ng	100
53) 2,4-Dinitrophenol	9.93	184	11966	7.58	ng	87
54) Dibenzofuran	10.08	168	511655	25.20	ng	98
55) 4-Nitrophenol	9.99	139	120830	40.05	ng	96
56) 2,4-Dinitrotoluene	10.06	165	114356	24.43	ng	# 56
57) Fluorene	10.42	166	406829	26.10	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	100118	23.95	ng	96
59) Diethylphthalate	10.30	149	422362	26.50	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	200265	25.62	ng	98
61) 4-Nitroaniline	10.44	138	78690	20.06	ng	83
62) Azobenzene	10.57	77	413706	25.44	ng	81
64) 4,6-Dinitro-2-methylphenol	10.47	198	20145	9.17	ng	# 52
65) n-Nitrosodiphenylamine	10.54	169	379141	31.35	ng	98
66) 4-Bromophenyl-phenylether	10.90	248	116845	27.25	ng	98
67) Hexachlorobenzene	10.97	284	124267	26.82	ng	# 91
68) Atrazine	11.06	200	109403	27.93	ng	97
69) Pentachlorophenol	11.17	266	126736	46.46	ng	95
70) Phenanthrene	11.38	178	590611	28.49	ng	99
71) Anthracene	11.43	178	523016	25.42	ng	99
72) Carbazole	11.59	167	489944	26.25	ng	98
73) Di-n-butylphthalate	11.93	149	540336	25.54	ng	# 98
74) Fluoranthene	12.57	202	591011	30.10	ng	96
76) Benzidine	12.69	184	174269	19.50	ng	98
77) Pyrene	12.80	202	594238	25.72	ng	99
79) Butylbenzylphthalate	13.42	149	218343	25.24	ng	88
80) Benzo(a)anthracene	13.98	228	547325	30.74	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	116908	18.64	ng	# 96
82) Chrysene	14.03	228	498104	28.27	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	297202	27.10	ng	# 89
84) Di-n-octyl phthalate	14.60	149	536365	32.32	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.81	276	403675	25.02	ng	# 91
87) Benzo(b)fluoranthene	15.02	252	600338m	32.01	ng	
88) Benzo(k)fluoranthene	15.04	252	370294m	23.48	ng	
89) Benzo(a)pyrene	15.36	252	463348	27.51	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	320354	20.57	ng	# 92
91) Benzo(g,h,i)perylene	17.23	276	321732	20.03	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

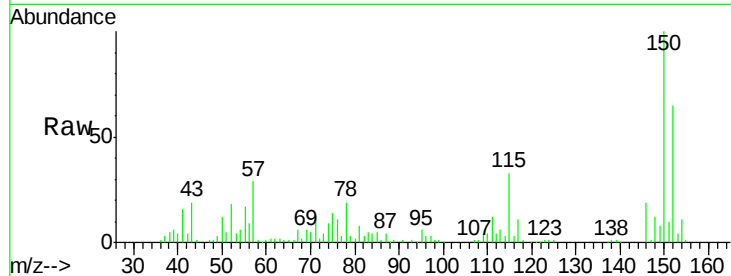


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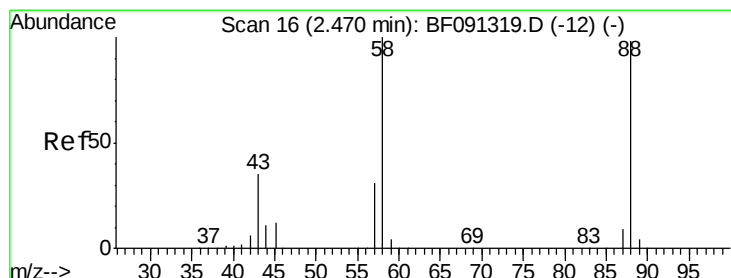
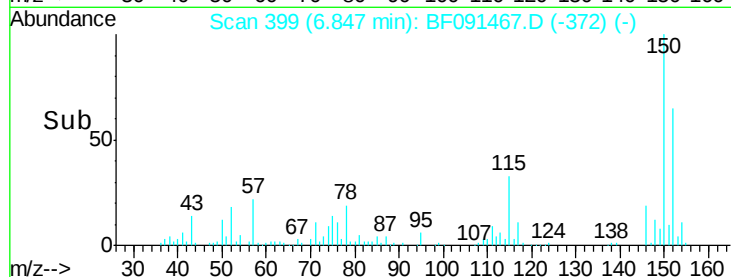
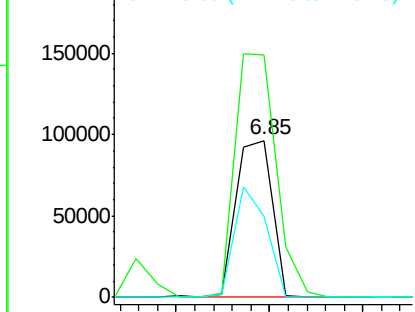
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.85 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

Tgt Ion:152 Resp: 132275
Ion Ratio Lower Upper
152 100
150 154.8 122.5 183.7
115 51.5 51.8 77.8#



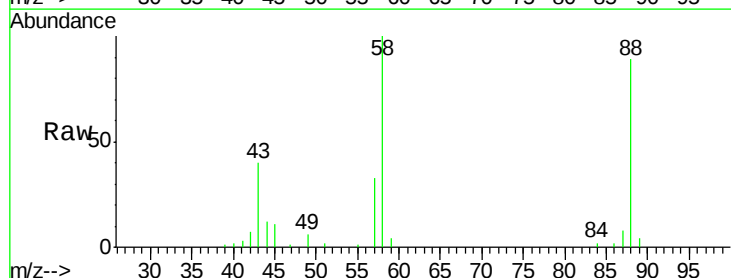
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



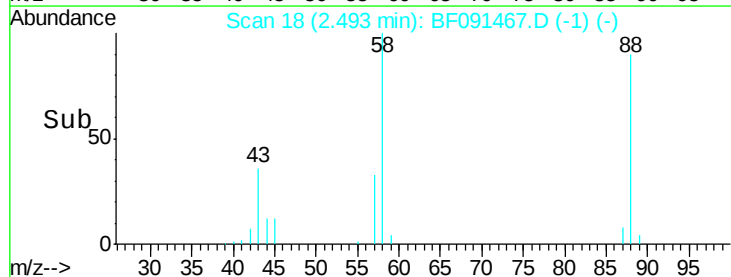
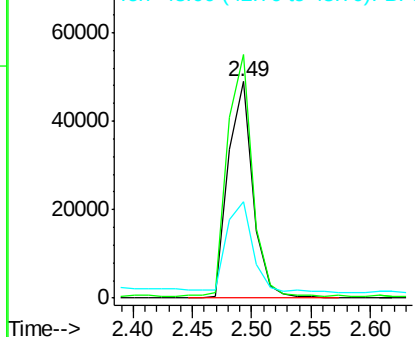
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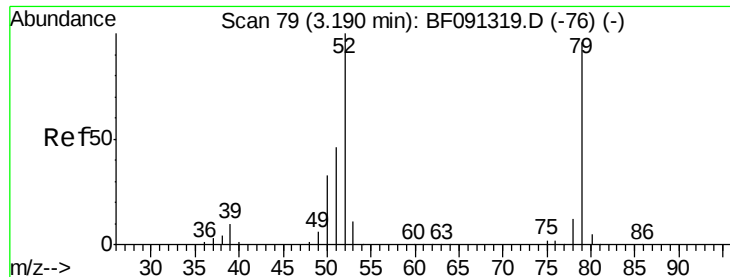
1,4-Dioxane
Concen: 19.11 ng
RT: 2.49 min Scan# 18
Delta R.T. 0.07 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion: 88 Resp: 69992
Ion Ratio Lower Upper
88 100
58 113.1 70.3 105.5#
43 46.4 31.3 46.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 18.85 ng

RT: 3.20 min Scan# 80

Delta R.T. 0.06 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

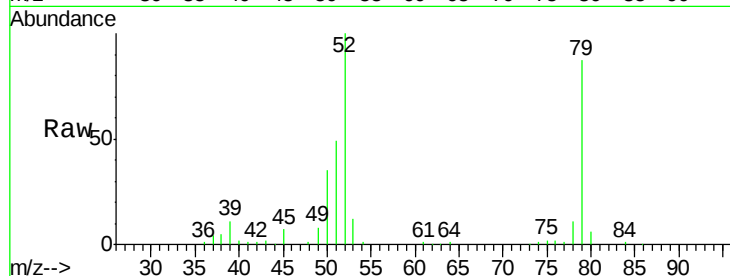
Tgt Ion: 79 Resp: 195429

Ion Ratio Lower Upper

79 100

52 115.3 71.0 106.4#

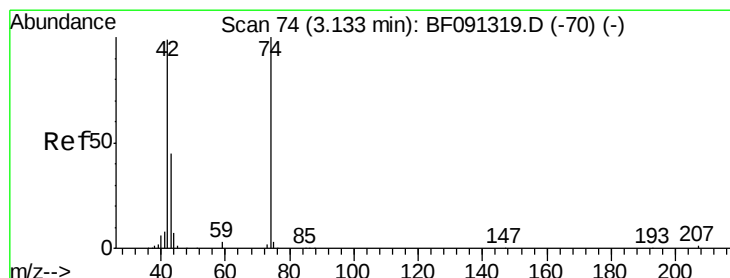
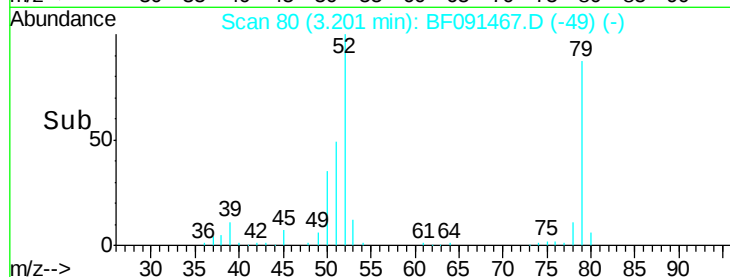
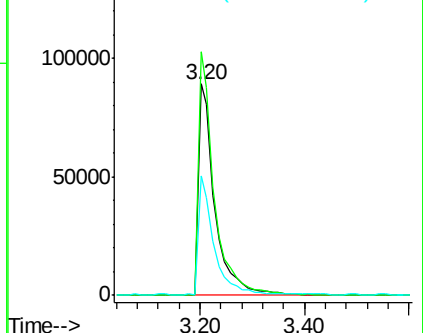
51 56.5 37.0 55.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 25.10 ng

RT: 3.14 min Scan# 75

Delta R.T. 0.06 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

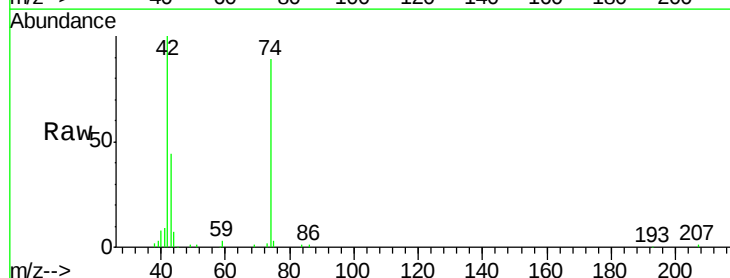
Tgt Ion: 42 Resp: 136536

Ion Ratio Lower Upper

42 100

74 88.9 78.9 118.3

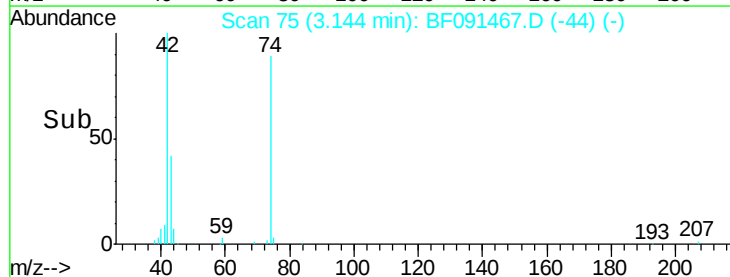
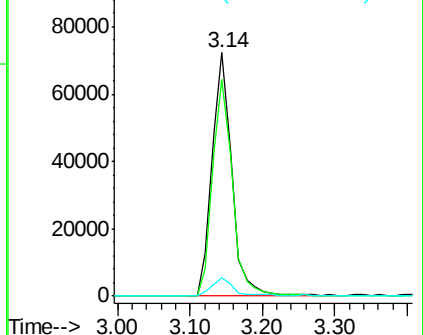
44 7.3 5.8 8.6

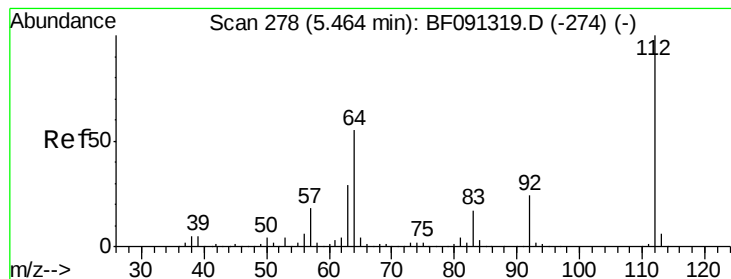


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 71.27 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

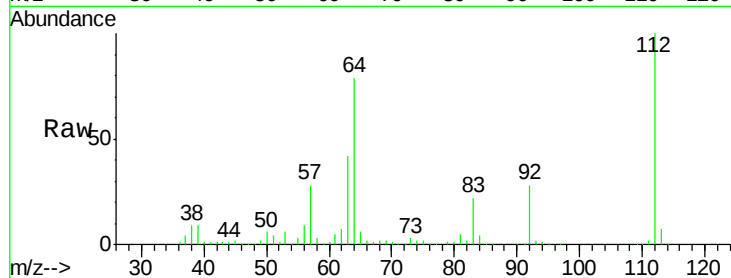
Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

Tgt Ion:	112	Resp:	577084
Ion	Ratio	Lower	Upper
112	100		
64	79.5	61.5	92.3
63	42.4	33.3	49.9



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.44

400000

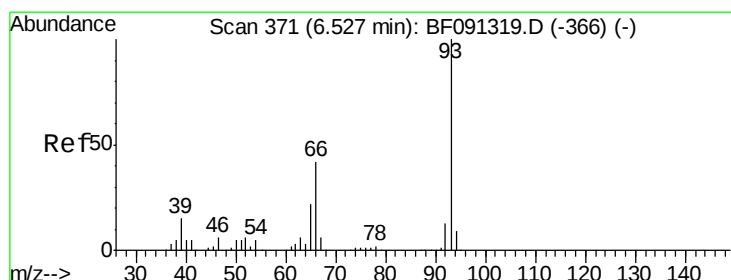
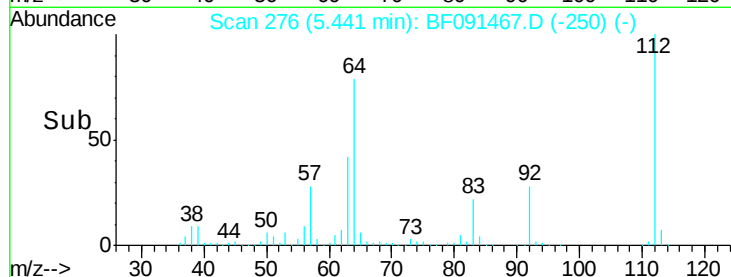
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 15.77 ng m

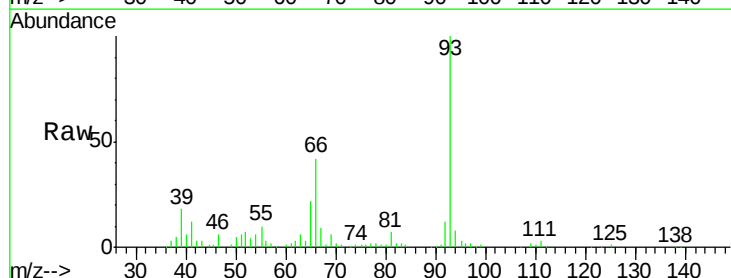
RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Tgt Ion:	93	Resp:	208784
Ion	Ratio	Lower	Upper
93	100		
66	41.9	55.8	83.6#
65	21.6	29.9	44.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.50

200000

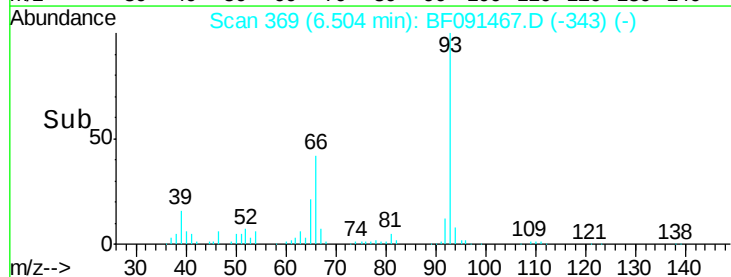
150000

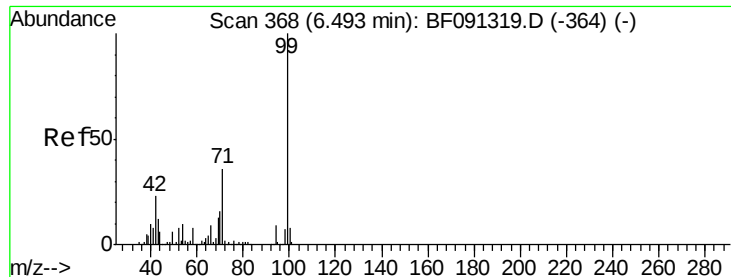
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 78.07 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

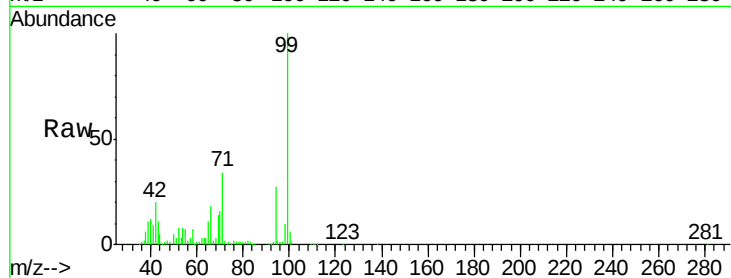
Tgt Ion: 99 Resp: 778190

Ion Ratio Lower Upper

99 100

42 19.7 20.6 31.0#

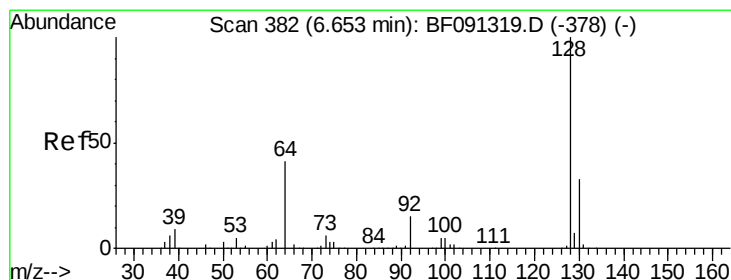
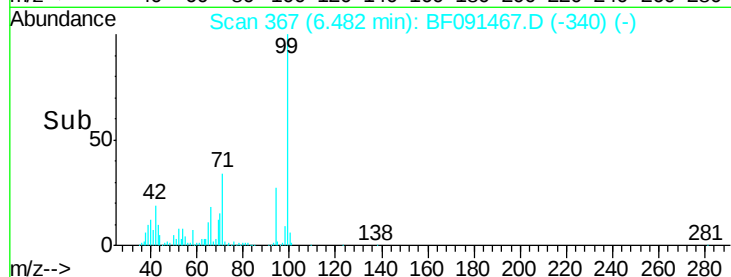
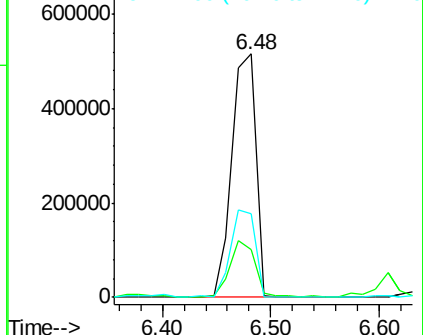
71 34.3 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.32 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

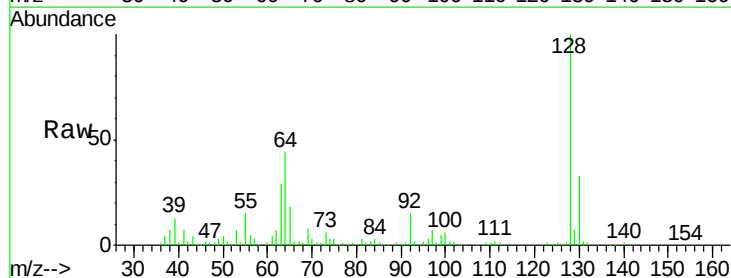
Tgt Ion: 128 Resp: 224763

Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

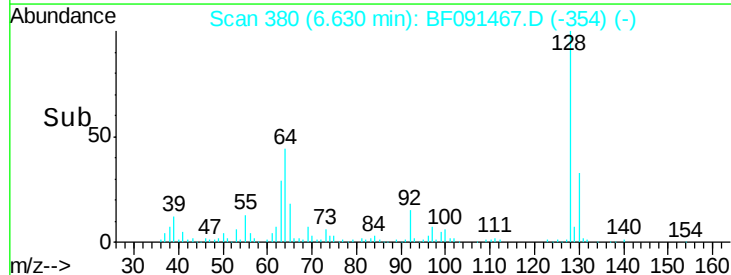
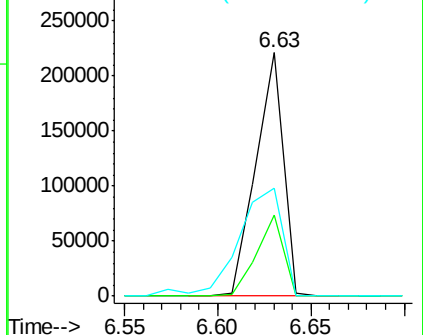
64 44.4 24.1 64.1

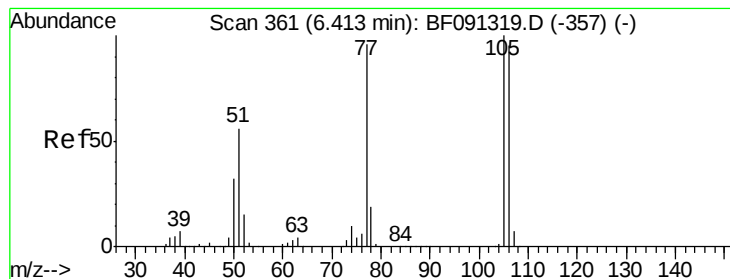


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.34 ng m

RT: 6.38 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

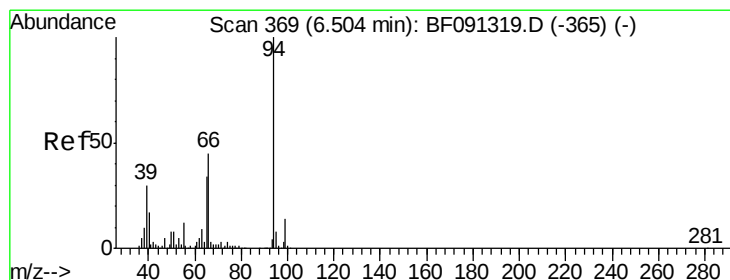
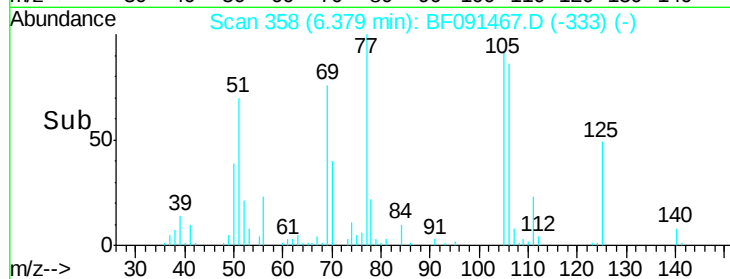
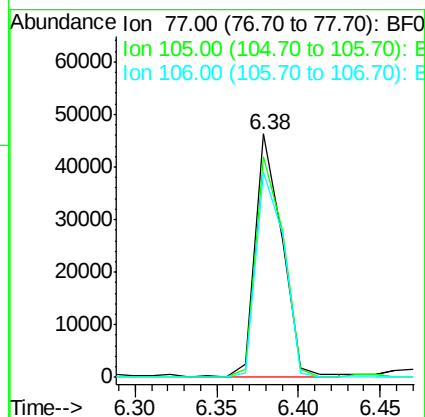
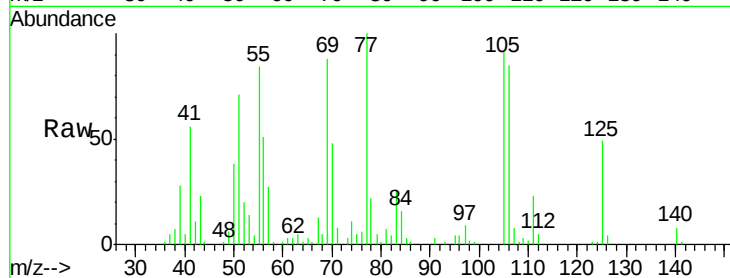
Tgt Ion: 77 Resp: 53470

Ion Ratio Lower Upper

77 100

105 90.8 66.4 106.4

106 84.5 60.9 100.9



#10

Phenol

Concen: 27.79 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

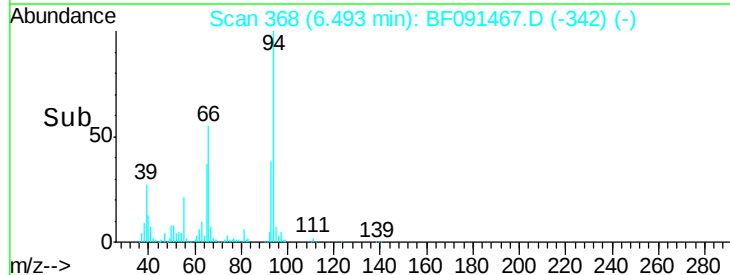
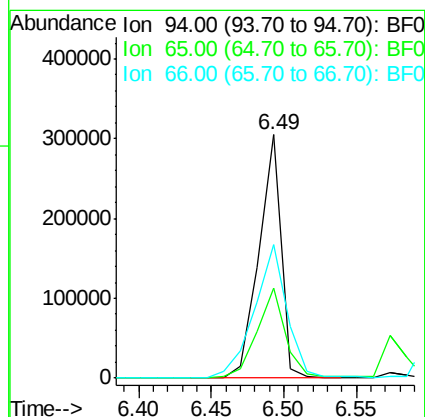
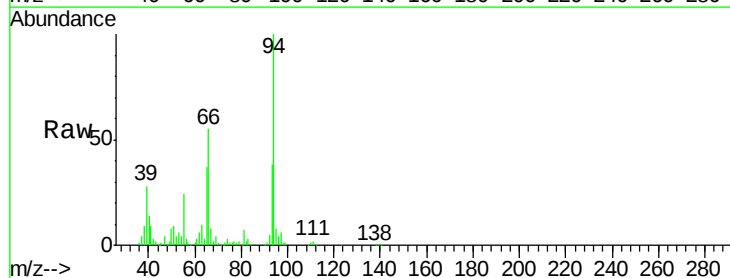
Tgt Ion: 94 Resp: 325943

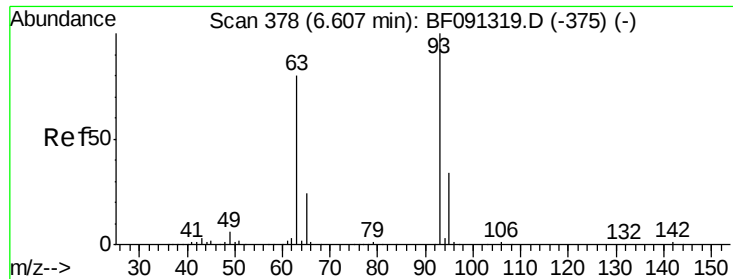
Ion Ratio Lower Upper

94 100

65 36.9 16.9 56.9

66 54.9 30.6 70.6

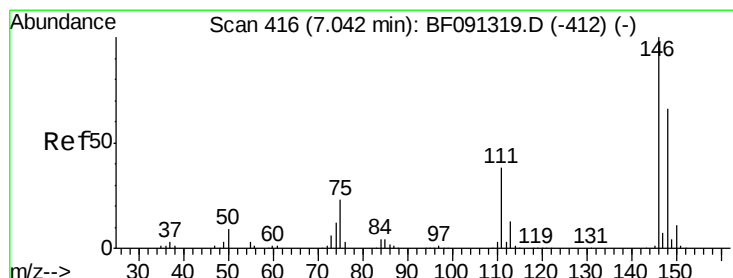
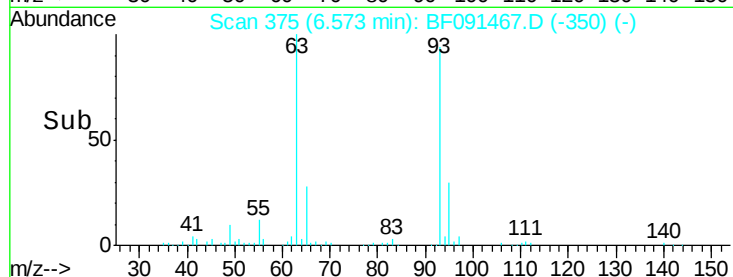
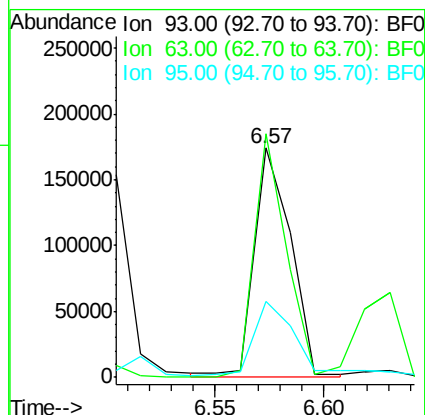
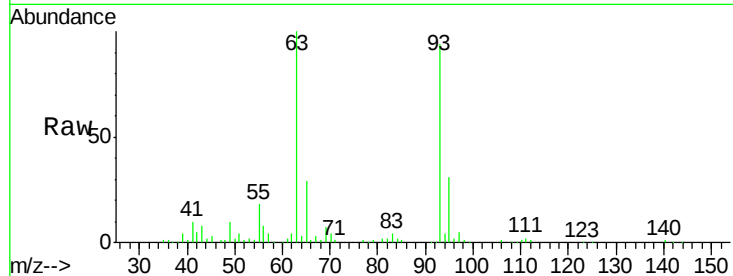




#11
bis(2-Chloroethyl)ether
Concen: 24.01 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

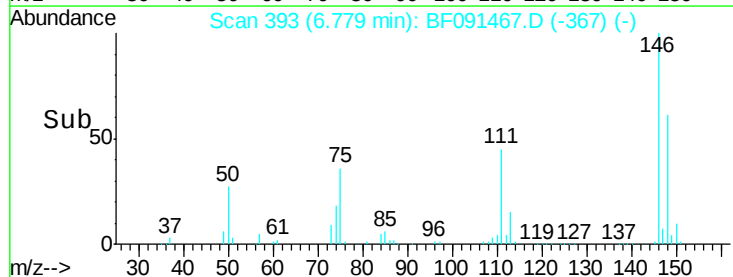
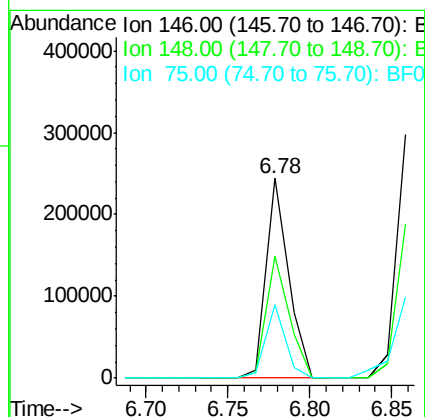
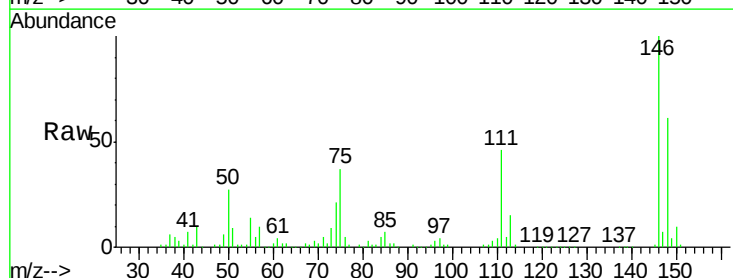
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

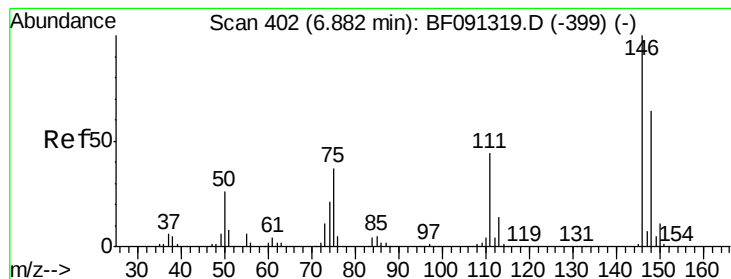
Tgt Ion: 93 Resp: 201176
Ion Ratio Lower Upper
93 100
63 106.2 74.8 114.8
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 23.22 ng m
RT: 6.78 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion: 146 Resp: 229264
Ion Ratio Lower Upper
146 100
148 61.3 51.4 77.0
75 36.7 23.6 35.4#





#13

1,4-Dichlorobenzene

Concen: 24.65 ng m

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

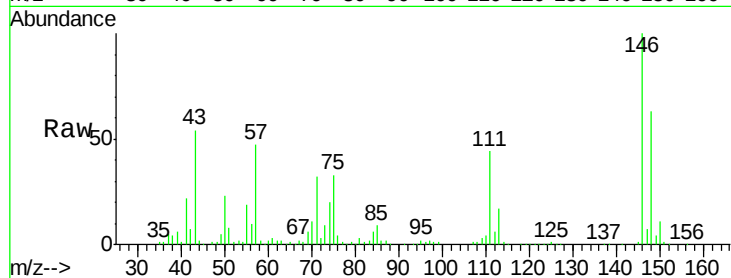
Tgt Ion:146 Resp: 242115

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

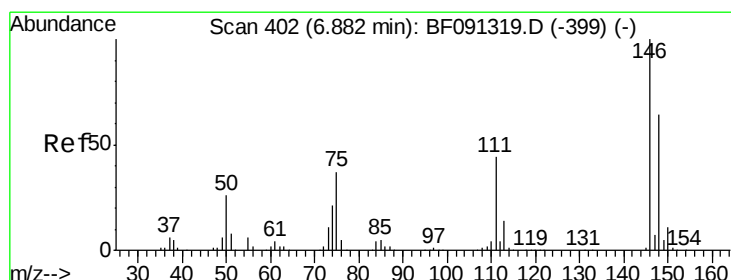
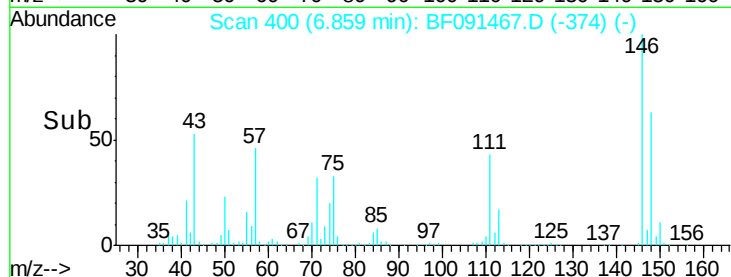
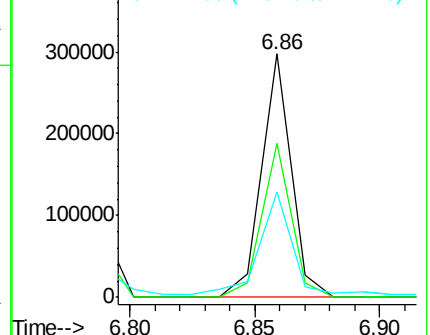
111 43.5 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 24.68 ng

RT: 7.02 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

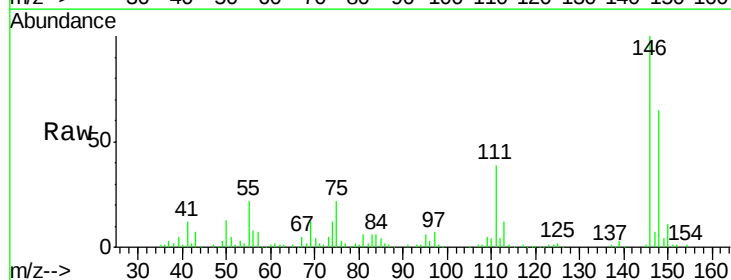
Tgt Ion:146 Resp: 225800

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

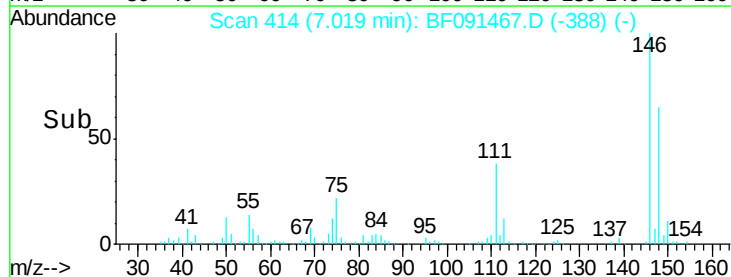
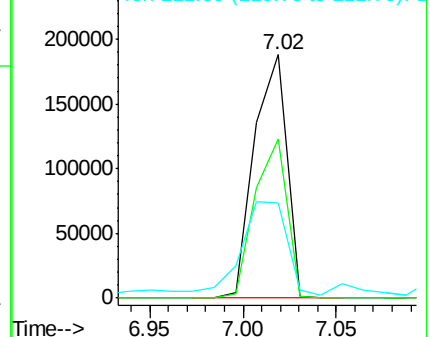
111 39.0 38.9 58.3

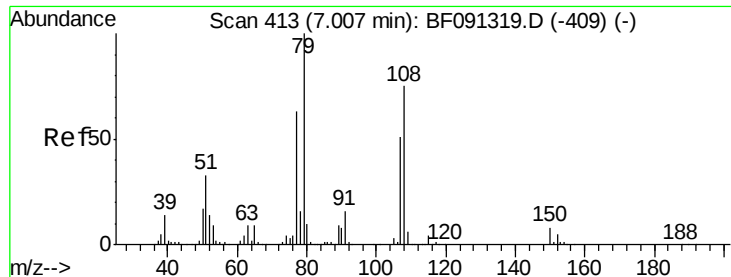


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.67 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

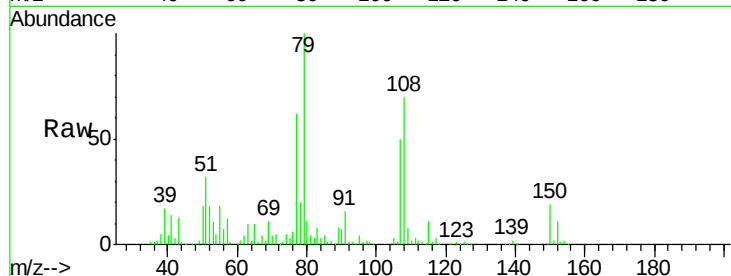
Tgt Ion: 79 Resp: 236659

Ion Ratio Lower Upper

79 100

108 69.7 62.7 94.1

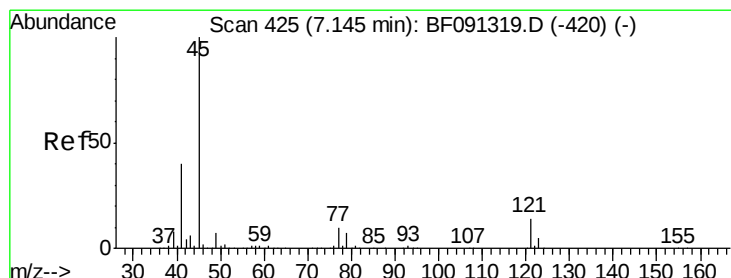
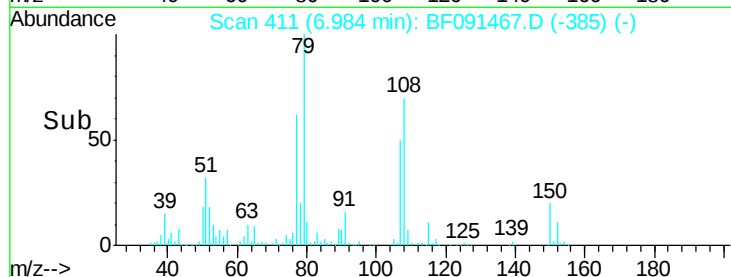
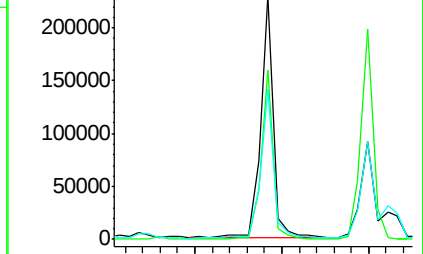
77 61.9 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.06 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

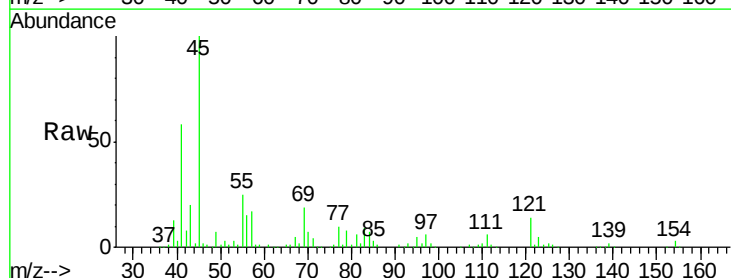
Tgt Ion: 45 Resp: 415506

Ion Ratio Lower Upper

45 100

77 10.2 3.8 43.8

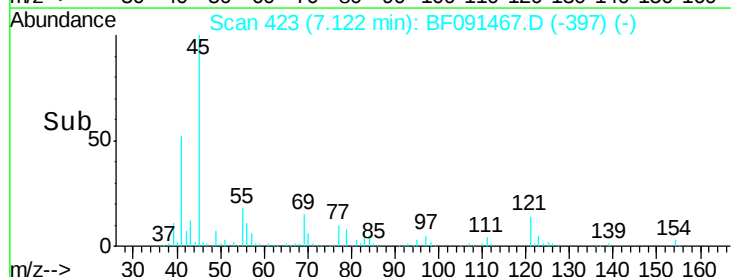
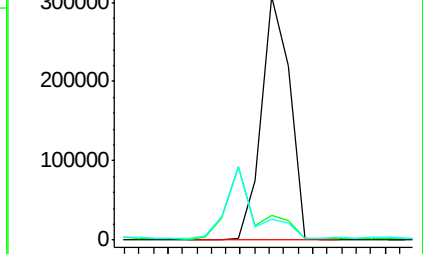
79 8.4 0.2 40.2

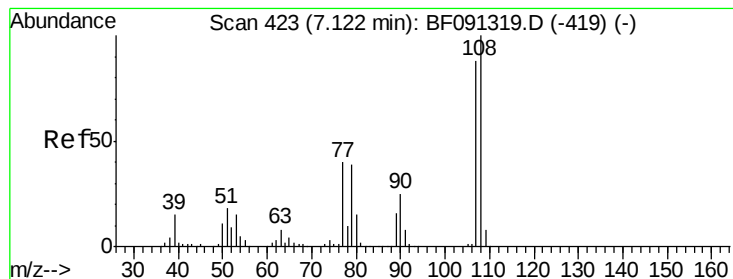


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 24.80 ng m

RT: 7.10 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

Tgt Ion:107 Resp: 174008

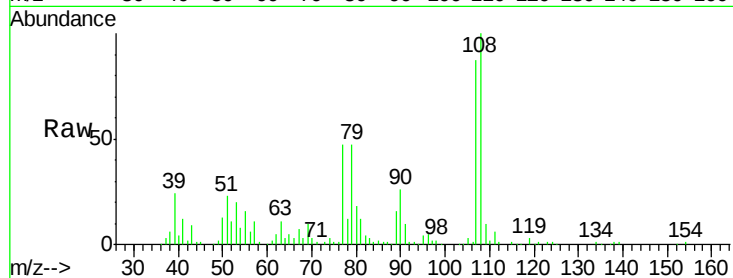
Ion Ratio Lower Upper

107 100

108 114.9 67.7 101.5#

77 53.7 40.7 61.1

79 53.7 23.4 35.2#

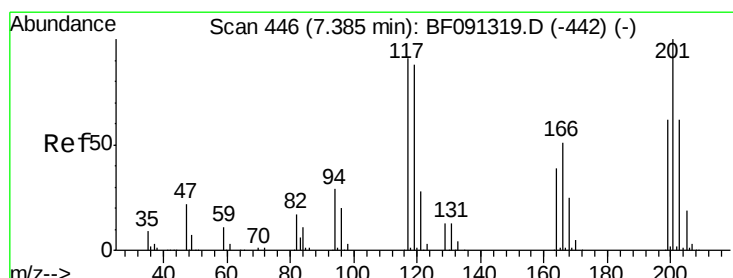
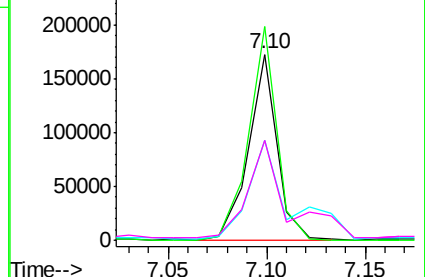
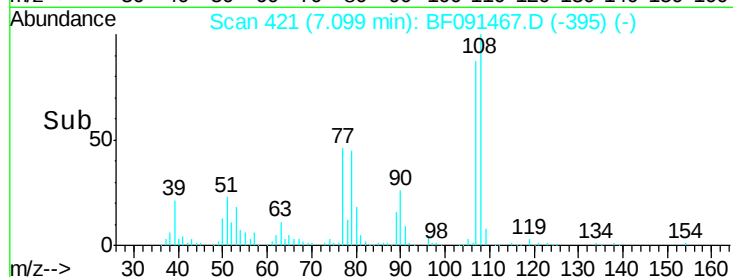


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 24.88 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

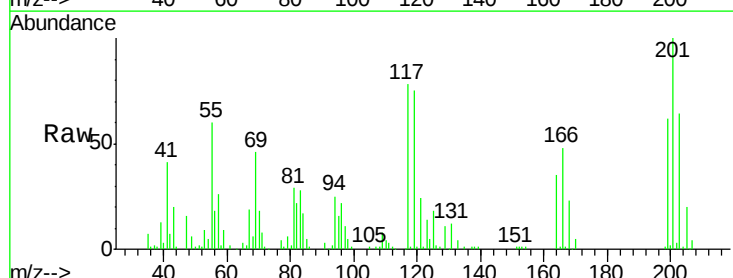
Tgt Ion:117 Resp: 86762

Ion Ratio Lower Upper

117 100

119 97.0 78.6 118.0

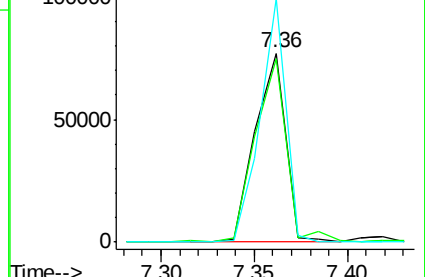
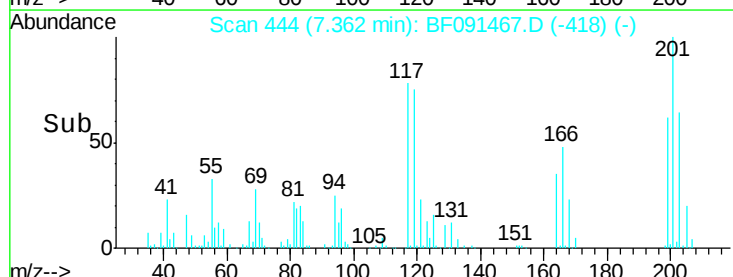
201 128.9 86.7 130.1

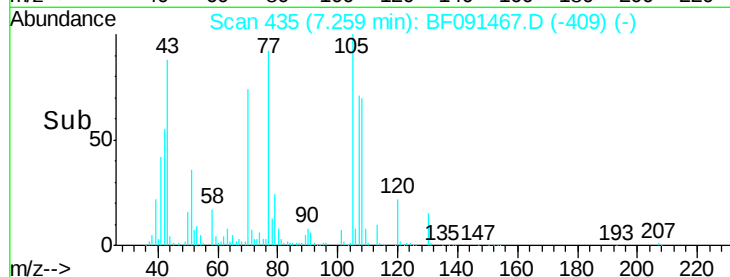
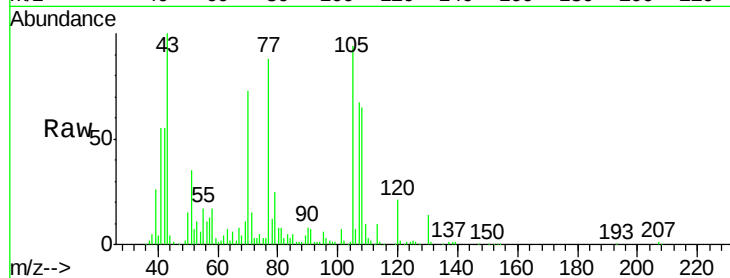
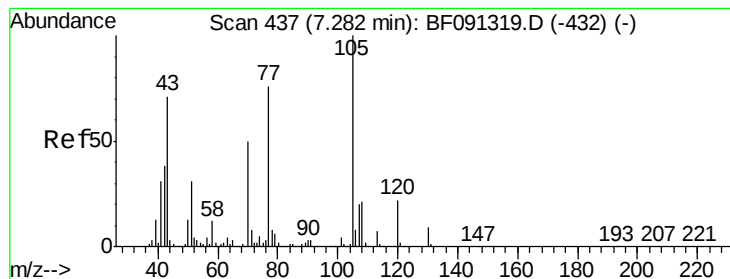


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.83 ng m

RT: 7.26 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

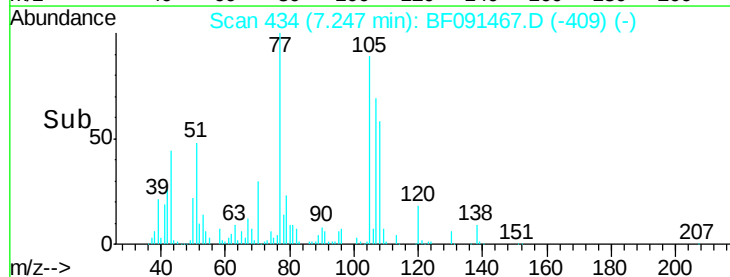
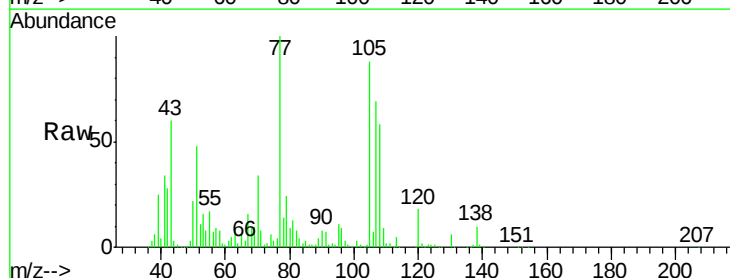
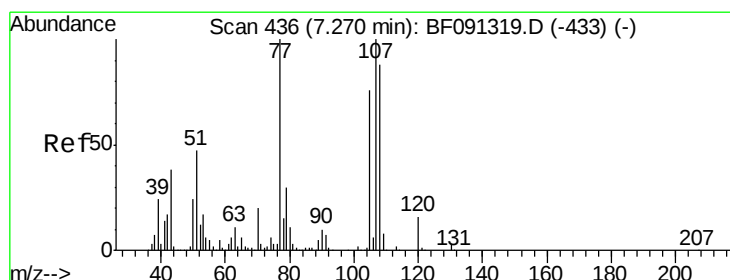
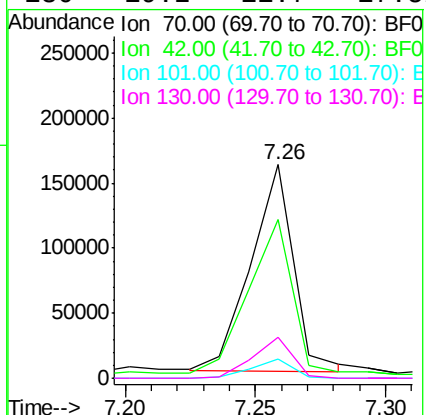
ClientSampleId :

TP14-15-COMP2MSD

Tgt Ion: 70 Resp: 181061

Ion Ratio Lower Upper

70	100		
42	74.5	64.8	97.2
101	9.1	6.2	9.4
130	19.2	11.7	17.5#



#20

3+4-Methylphenols

Concen: 27.36 ng m

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

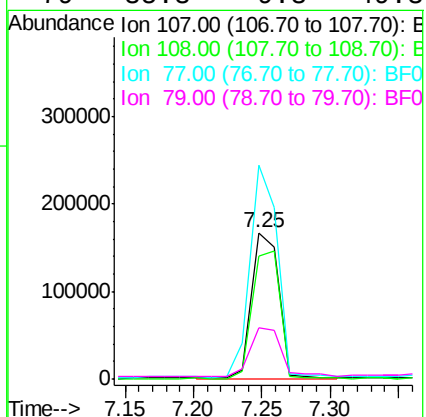
Lab File: BF091467.D

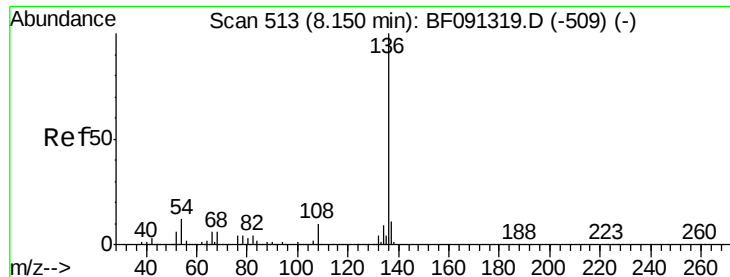
Acq: 6 Dec 2016 19:12

Tgt Ion: 107 Resp: 234361

Ion Ratio Lower Upper

107	100		
108	84.2	64.6	104.6
77	145.7	30.9	70.9#
79	35.3	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

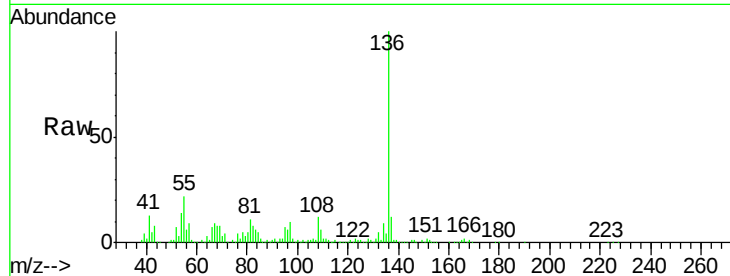
Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

Tgt Ion:	136	Resp:	495450
Ion Ratio		Lower	Upper
136	100		
137	12.1	9.1	13.7
54	13.8	9.1	13.7#
68	8.0	5.9	8.9

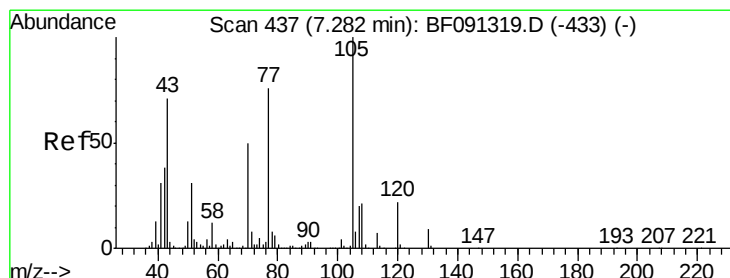
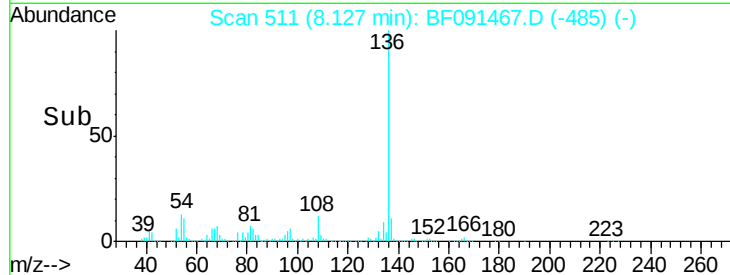
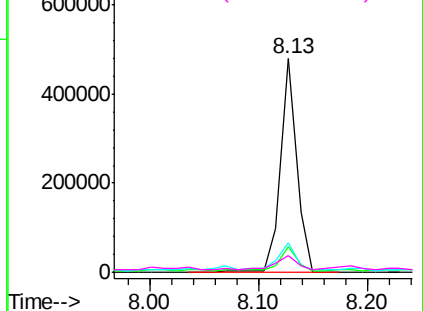


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 27.16 ng

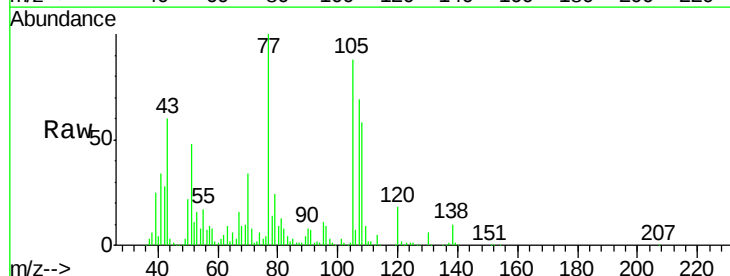
RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Tgt Ion:	105	Resp:	318898
Ion Ratio		Lower	Upper
105	100		
71	9.1	7.9	11.9
51	55.2	24.5	36.7#
120	20.7	16.6	24.8

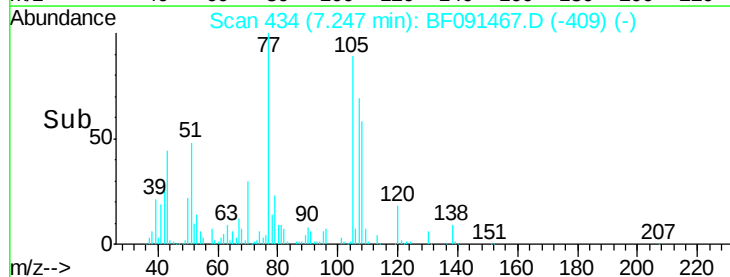
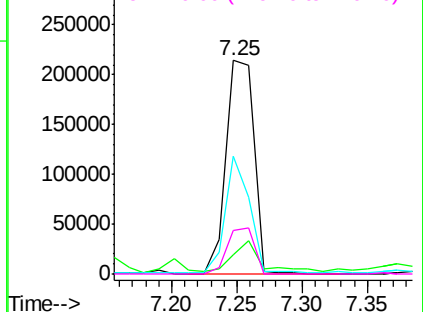


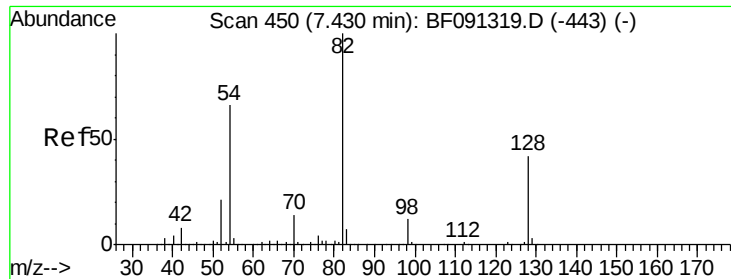
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

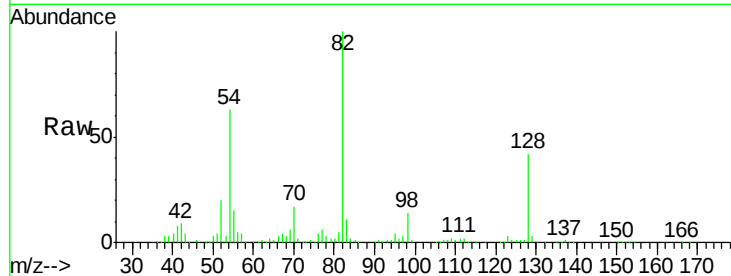




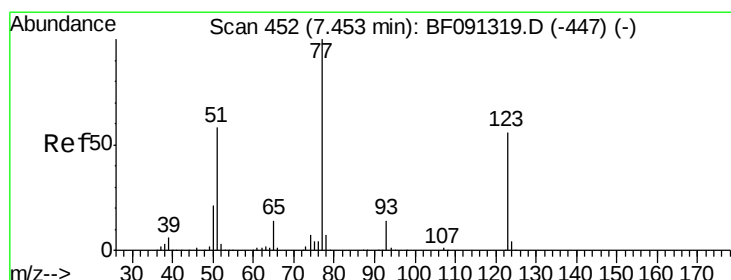
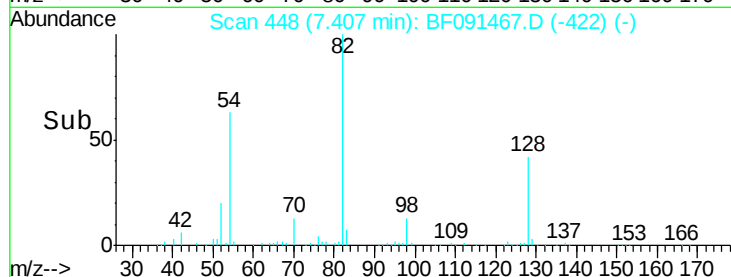
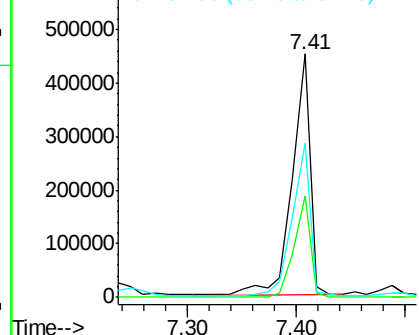
#23
 Nitrobenzene-d5
 Concen: 59.29 ng
 RT: 7.41 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion: 82 Resp: 524148
 Ion Ratio Lower Upper
 82 100
 128 41.9 31.8 47.6
 54 63.0 49.1 73.7

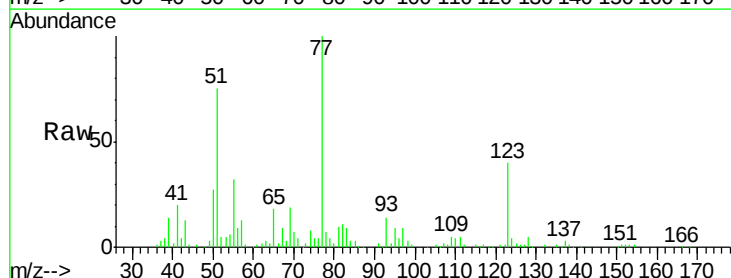


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

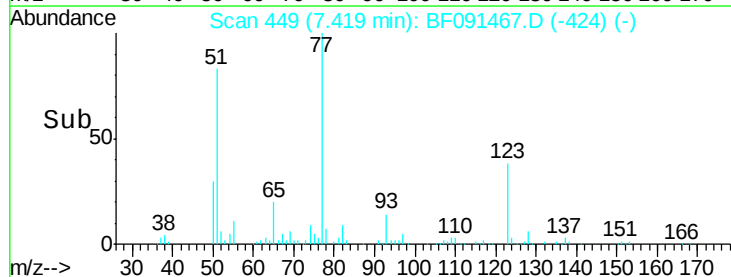
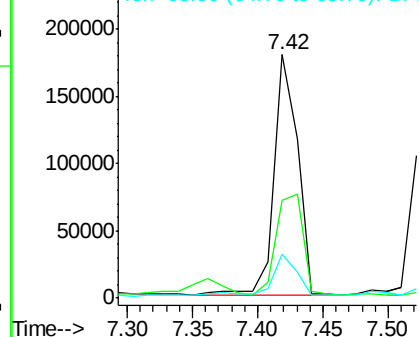


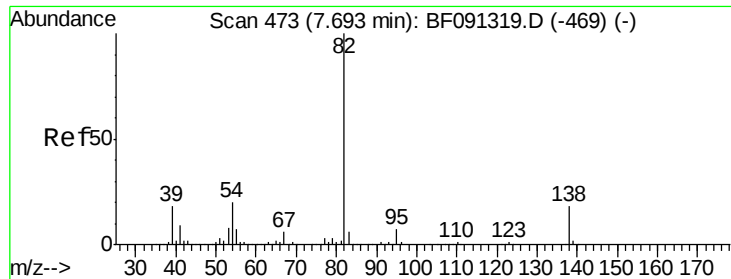
#24
 Nitrobenzene
 Concen: 25.23 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion: 77 Resp: 228340
 Ion Ratio Lower Upper
 77 100
 123 40.2 28.5 42.7
 65 17.9 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

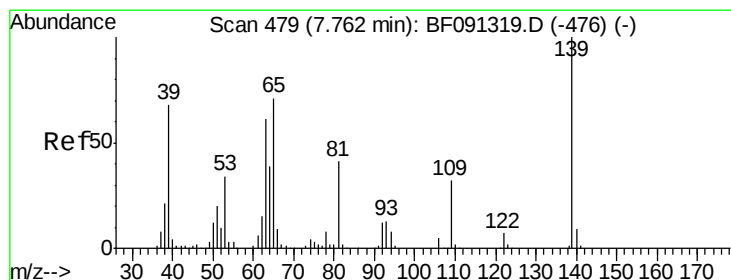
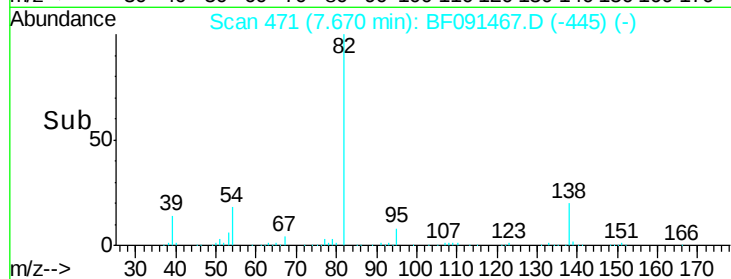
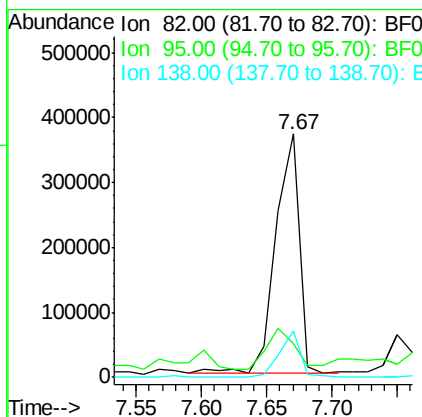
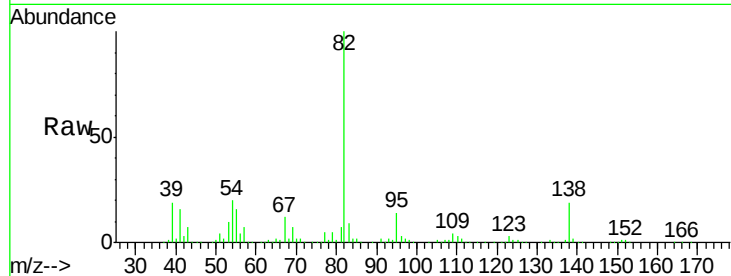




#25
Isophorone
Concen: 29.84 ng
RT: 7.67 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

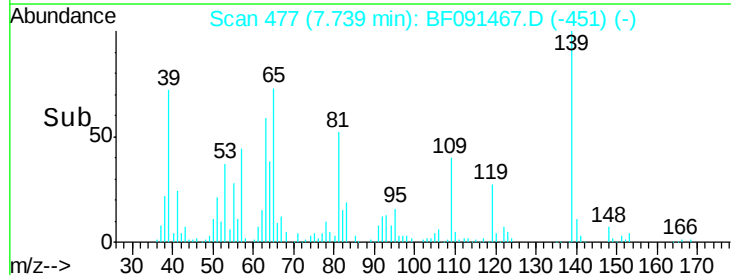
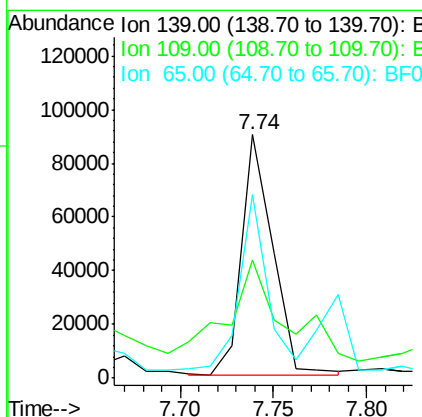
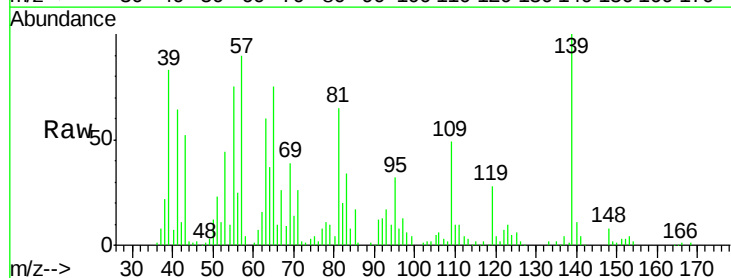
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

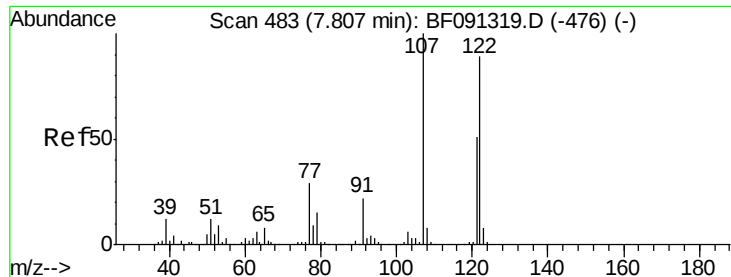
Tgt Ion: 82 Resp: 467307
Ion Ratio Lower Upper
82 100
95 13.6 5.7 8.5#
138 19.1 13.4 20.0



#26
2-Nitrophenol
Concen: 25.35 ng
RT: 7.74 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion: 139 Resp: 104576
Ion Ratio Lower Upper
139 100
109 48.8 25.3 37.9#
65 75.1 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 28.02 ng

RT: 7.78 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

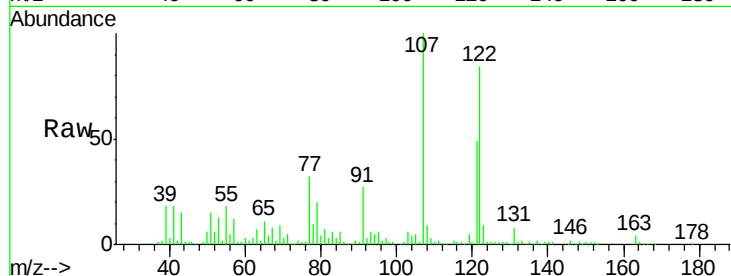
Tgt Ion:122 Resp: 216201

Ion Ratio Lower Upper

122 100

107 119.7 96.8 145.2

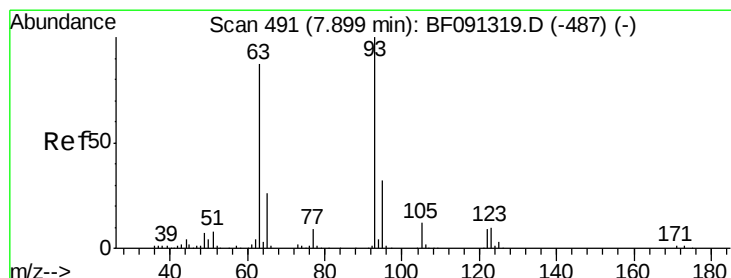
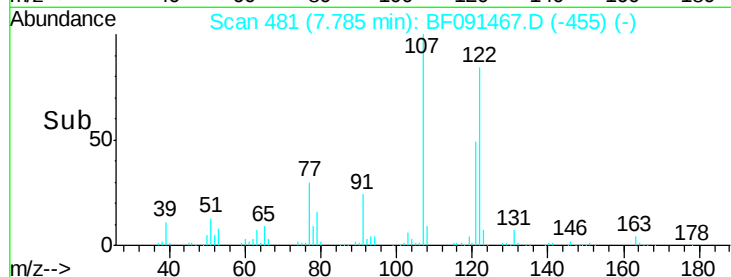
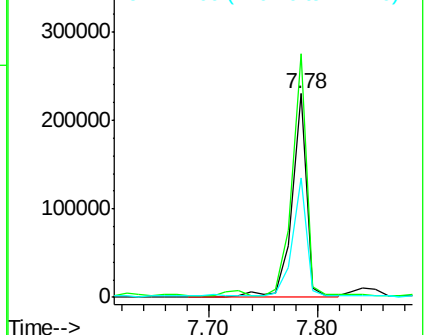
121 58.4 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.52 ng

RT: 7.88 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

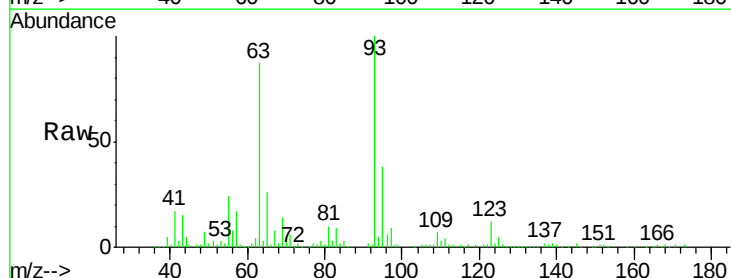
Tgt Ion: 93 Resp: 250040

Ion Ratio Lower Upper

93 100

95 38.4 26.0 39.0

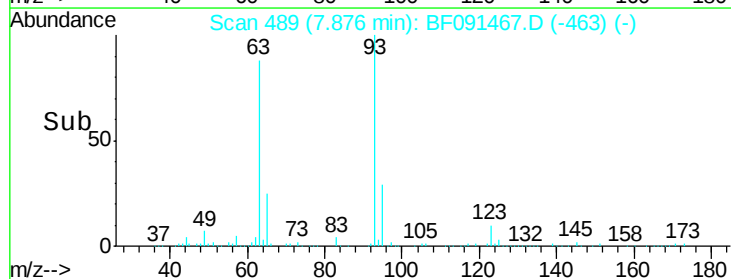
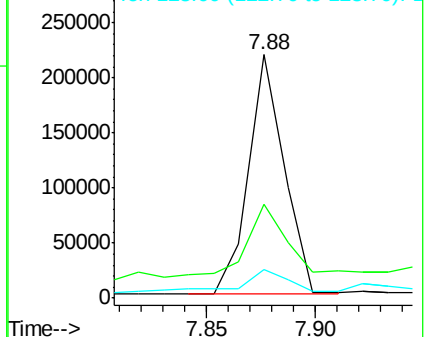
123 11.9 8.6 12.8

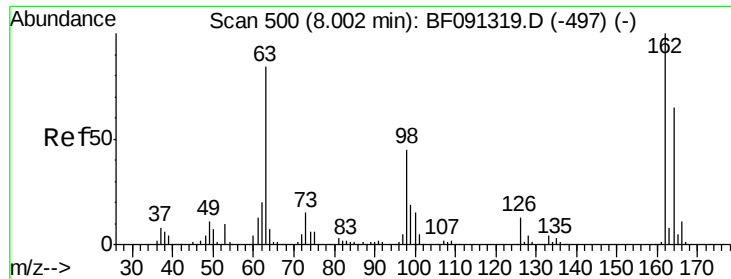


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

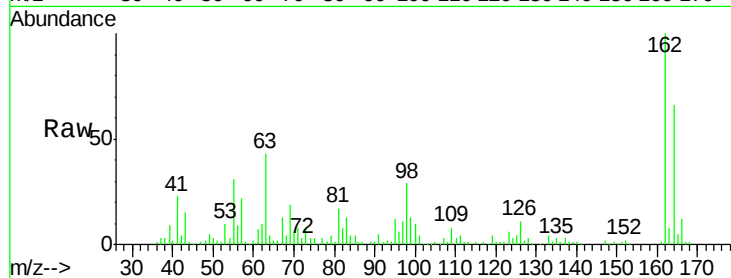




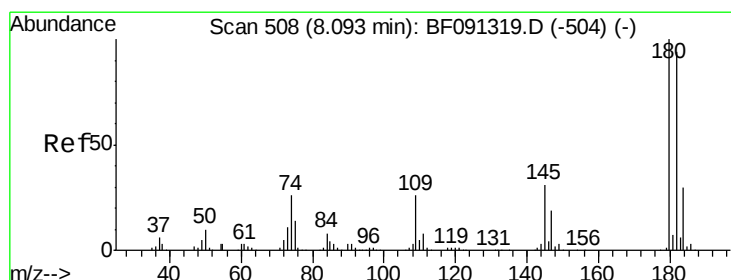
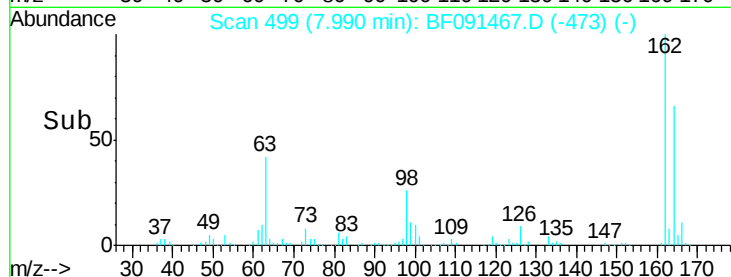
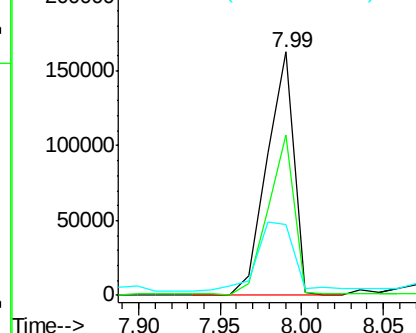
#29
 2,4-Dichlorophenol
 Concen: 27.81 ng
 RT: 7.99 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion:162 Resp: 188766
 Ion Ratio Lower Upper
 162 100
 164 66.1 45.0 85.0
 98 29.1 21.3 61.3

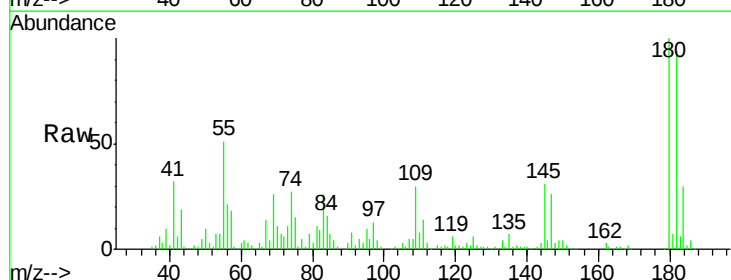


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

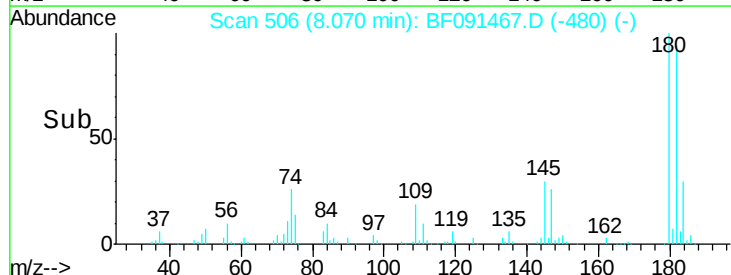
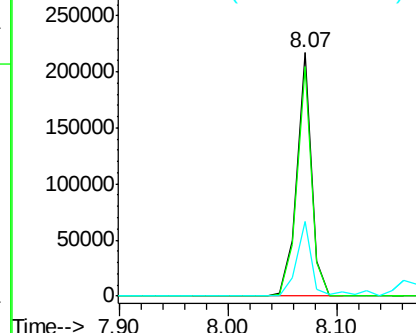


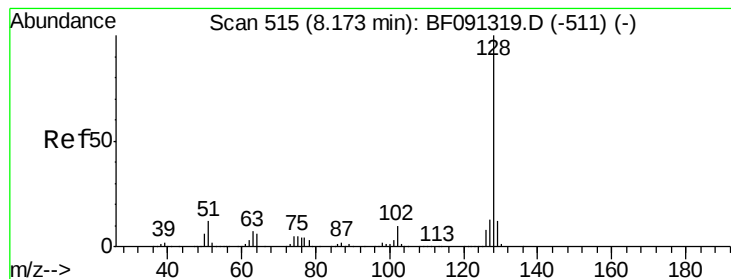
#30
 1,2,4-Trichlorobenzene
 Concen: 27.36 ng
 RT: 8.07 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion:180 Resp: 208229
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.8 113.8
 145 30.7 27.0 40.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 26.44 ng

RT: 8.15 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

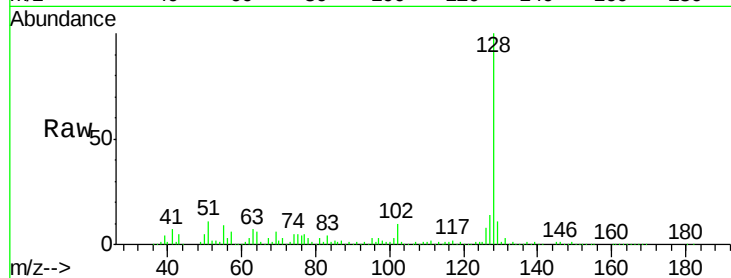
Tgt Ion:128 Resp: 622647

Ion Ratio Lower Upper

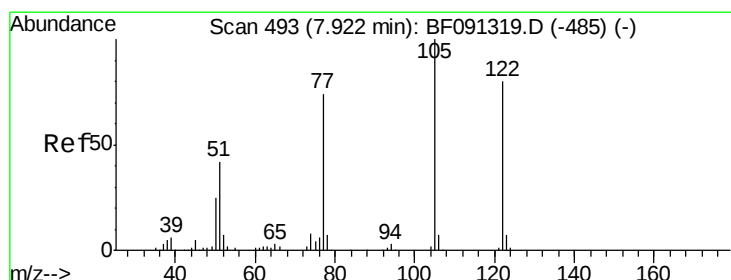
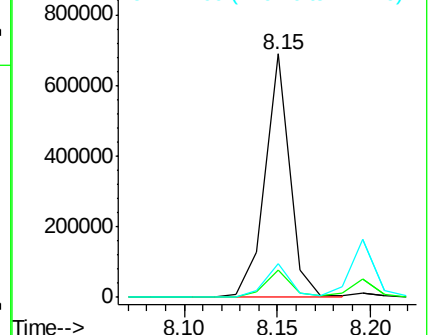
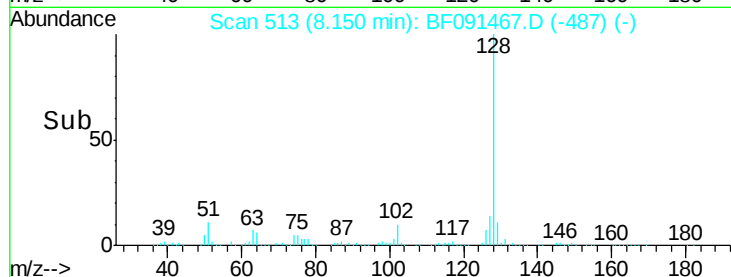
128 100

129 11.4 9.1 13.7

127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.53 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.07 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

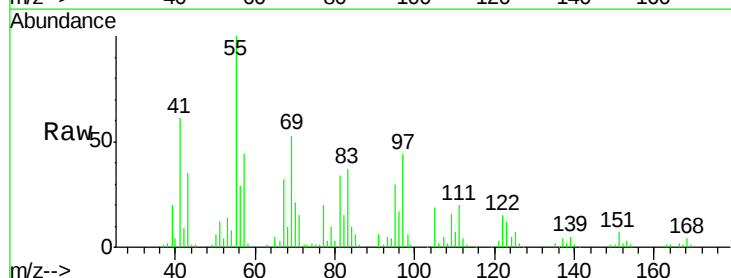
Tgt Ion:122 Resp: 14403

Ion Ratio Lower Upper

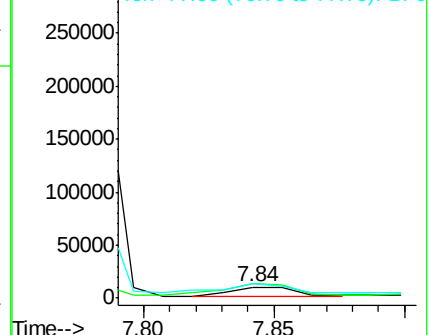
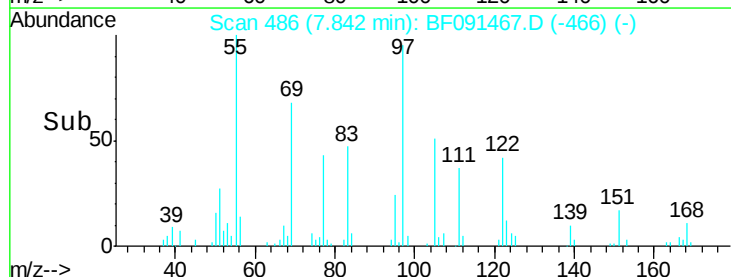
122 100

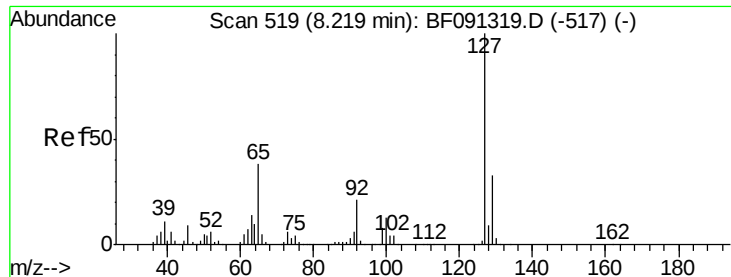
105 129.6 113.0 153.0

77 134.1 82.0 122.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

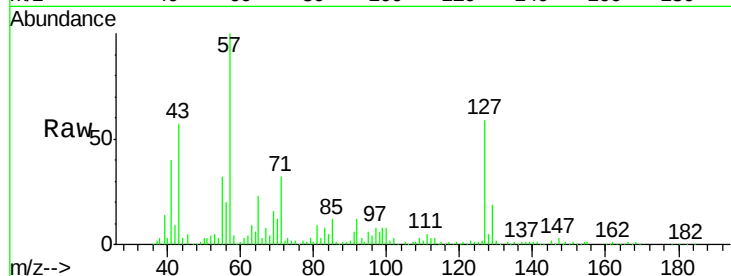




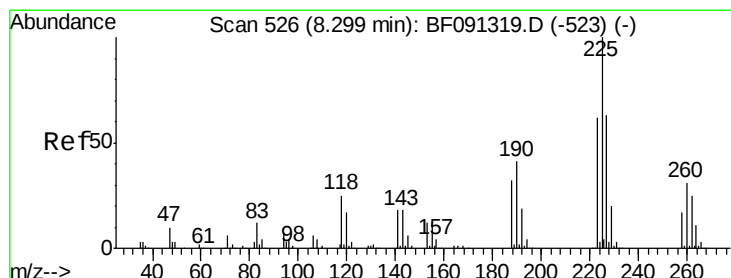
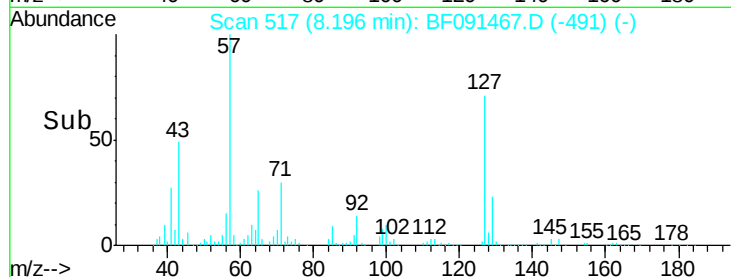
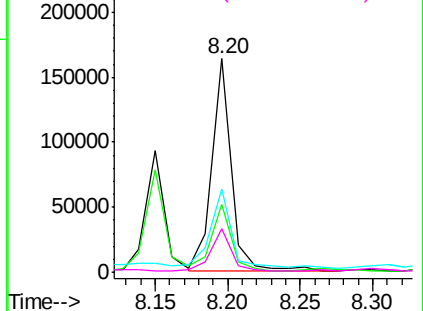
#33
4-Chloroaniline
Concen: 15.33 ng
RT: 8.20 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

Tgt Ion:	127	Resp:	154318
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	38.9	26.6	39.8
92	20.3	15.4	23.0

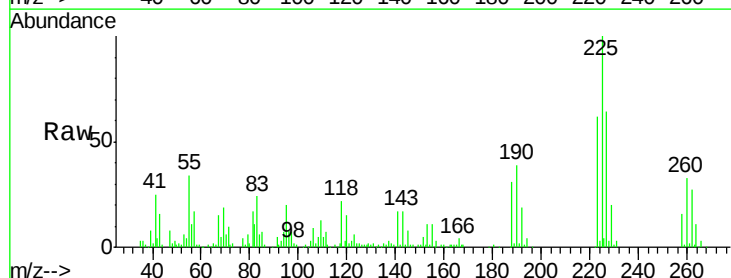


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

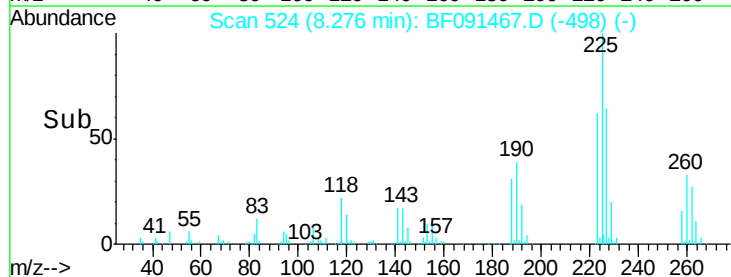
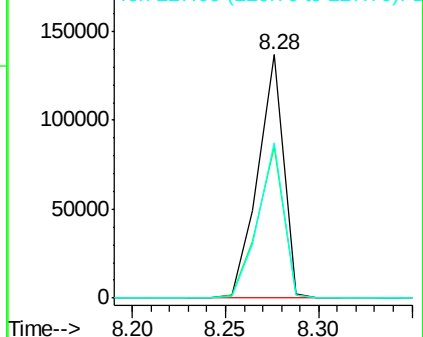


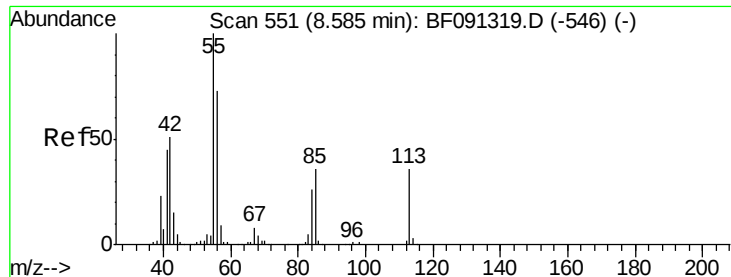
#34
Hexachlorobutadiene
Concen: 27.88 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion:	225	Resp:	130450
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.7	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.51 ng

RT: 8.56 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

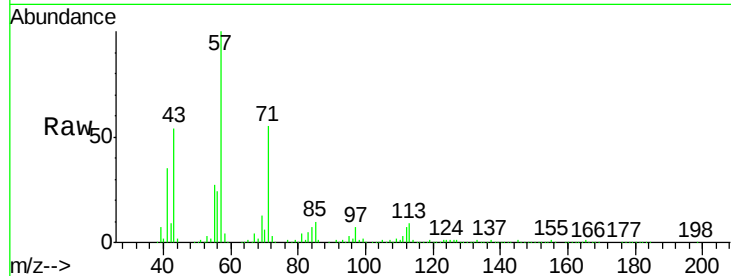
Tgt Ion:113 Resp: 90737

Ion Ratio Lower Upper

113 100

55 294.8 239.8 279.8#

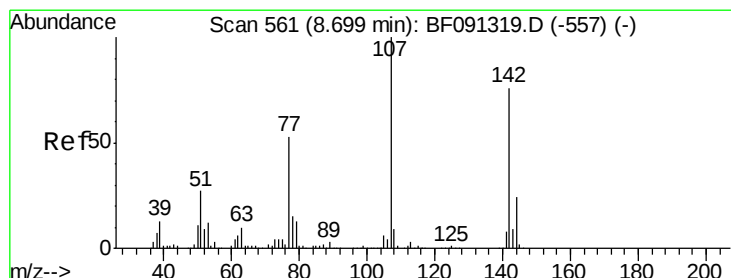
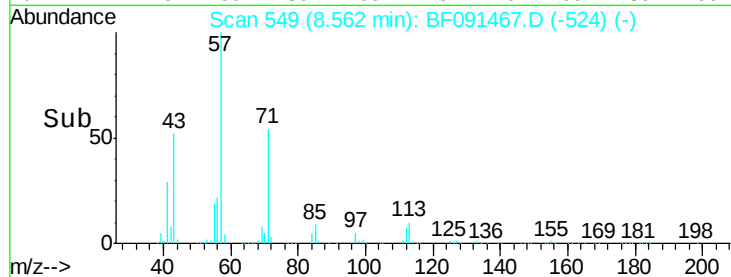
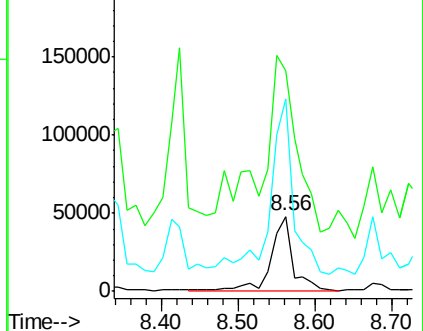
56 255.9 165.6 205.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 25.51 ng

RT: 8.68 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

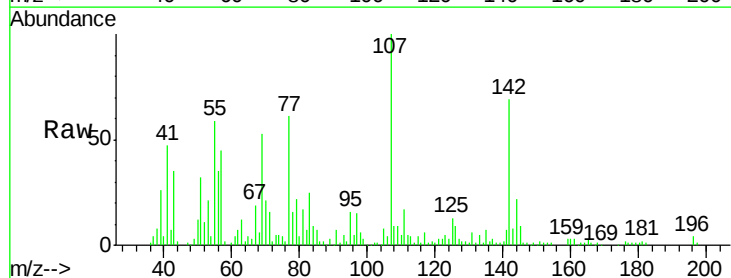
Tgt Ion:107 Resp: 186933

Ion Ratio Lower Upper

107 100

144 22.1 18.9 28.3

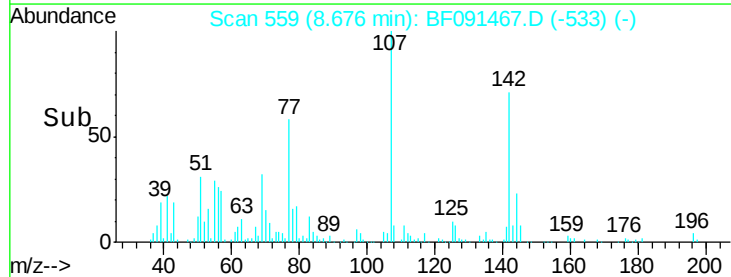
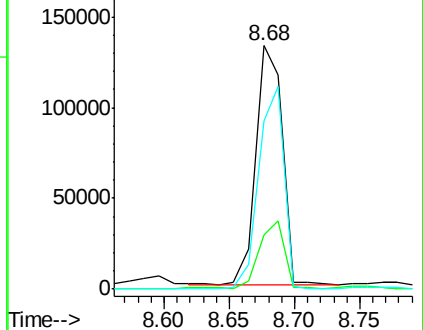
142 69.0 58.5 87.7

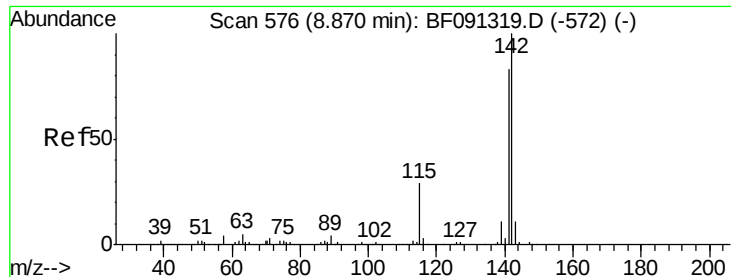


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

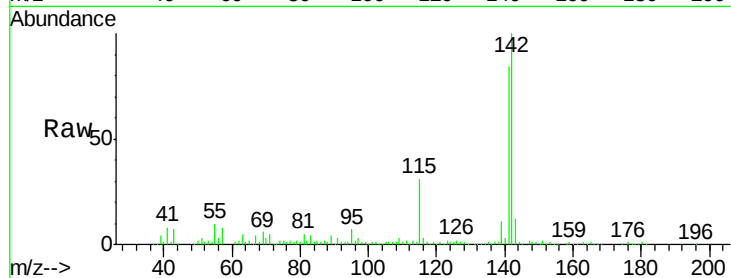




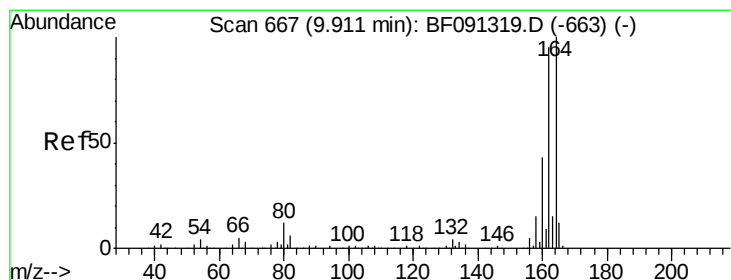
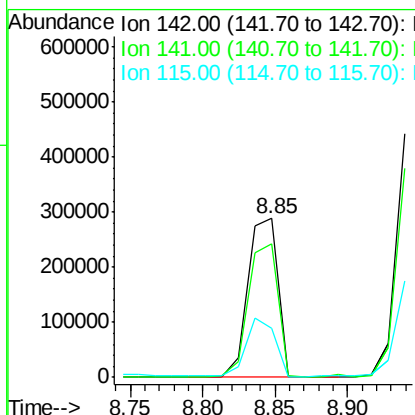
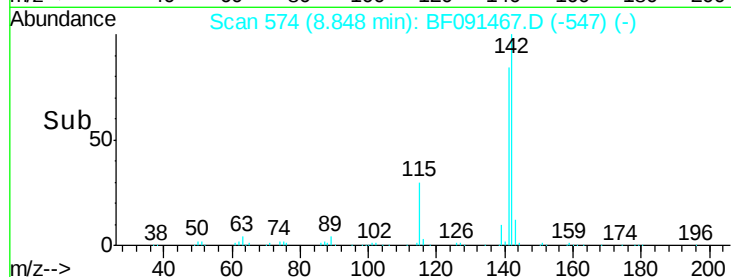
#37
2-Methylnaphthalene
Concen: 25.84 ng
RT: 8.85 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

Tgt Ion:142 Resp: 413445
Ion Ratio Lower Upper
142 100
141 84.4 71.7 107.5
115 31.2 25.0 37.6

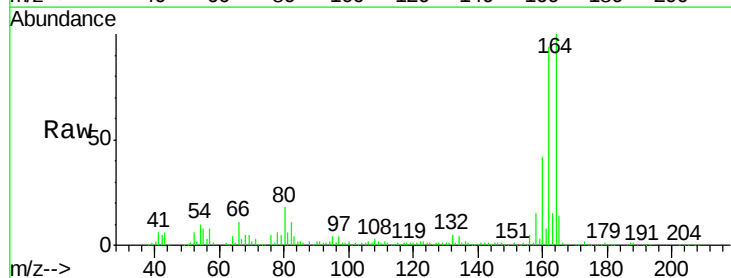


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

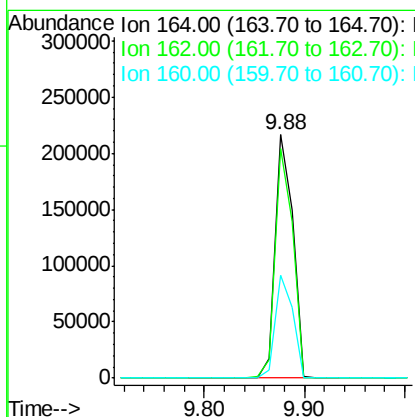
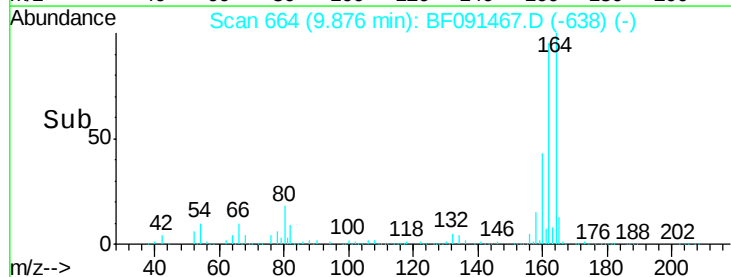


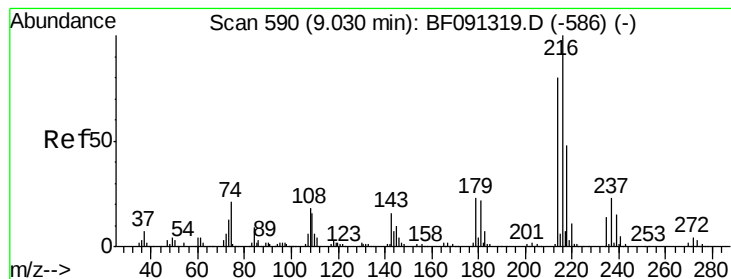
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion:164 Resp: 266656
Ion Ratio Lower Upper
164 100
162 94.1 82.6 124.0
160 42.4 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.54 ng

RT: 9.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

Tgt Ion:216 Resp: 206989

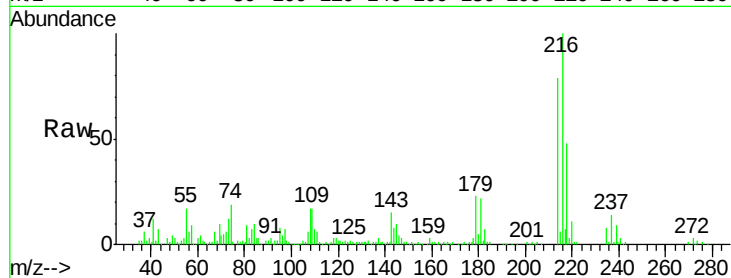
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 23.1 18.2 27.2

108 18.9 17.2 25.8

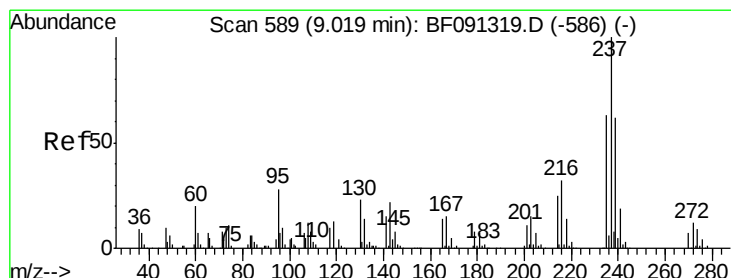
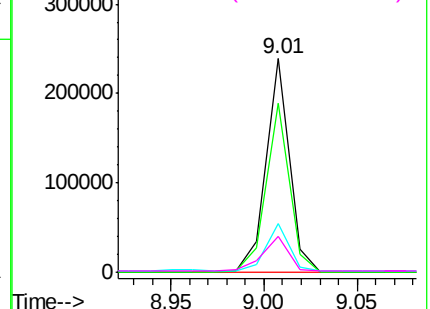
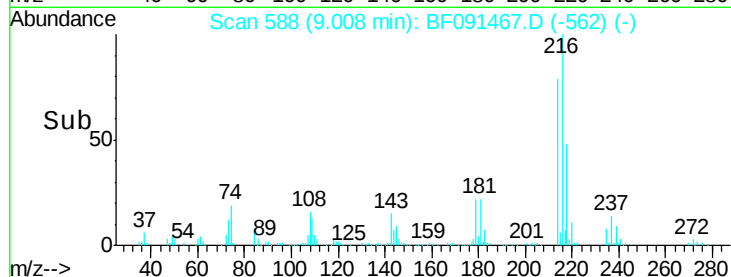


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.33 ng

RT: 9.00 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

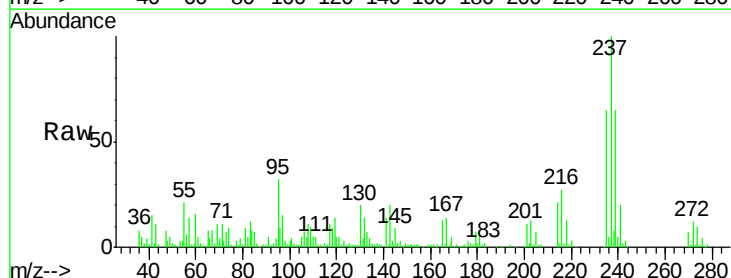
Tgt Ion:237 Resp: 126579

Ion Ratio Lower Upper

237 100

235 65.0 43.9 83.9

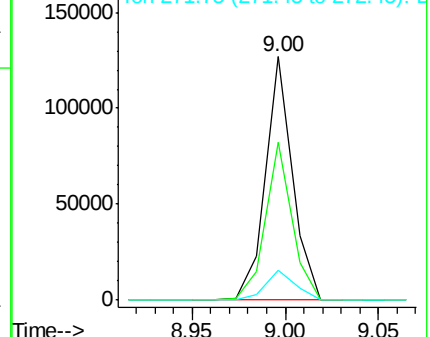
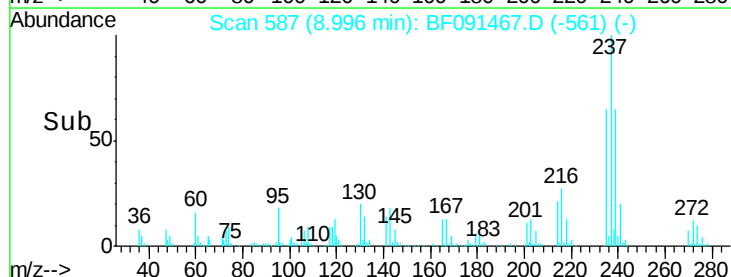
272 12.5 0.0 33.1

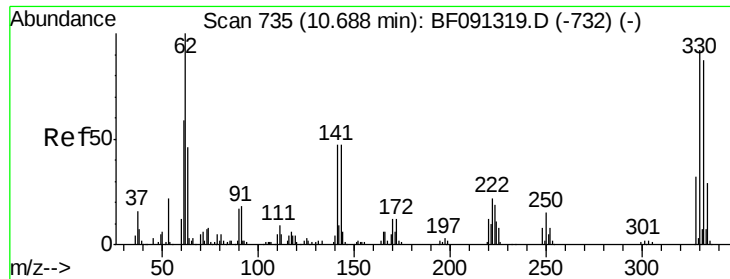


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

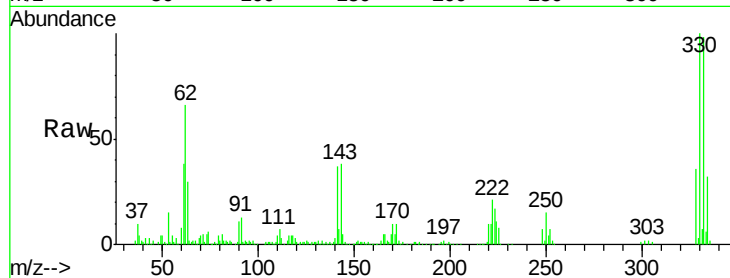




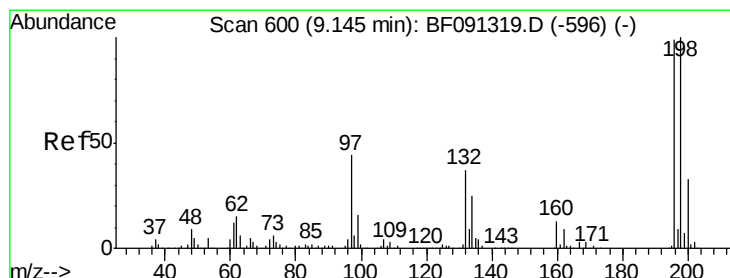
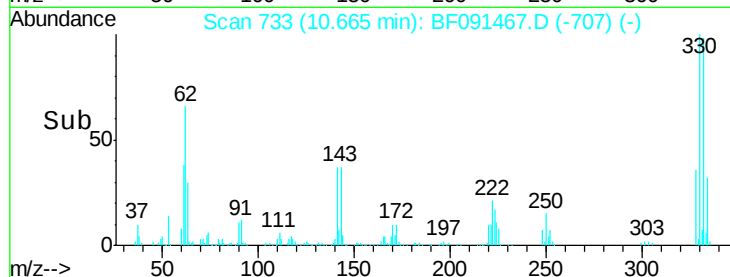
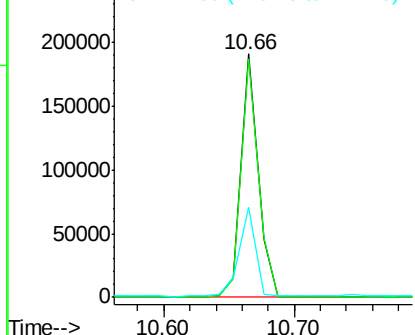
#41
 2,4,6-Tribromophenol
 Concen: 69.26 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion:330 Resp: 174853
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.2 114.4
 141 35.1 33.6 50.4

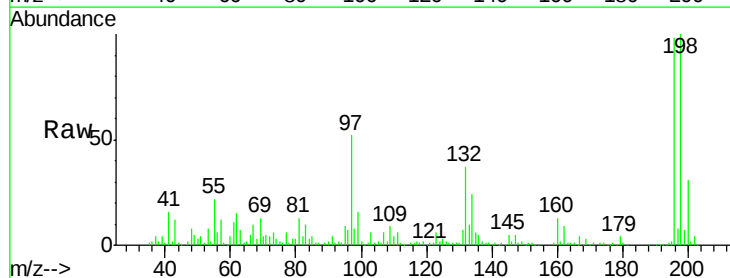


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

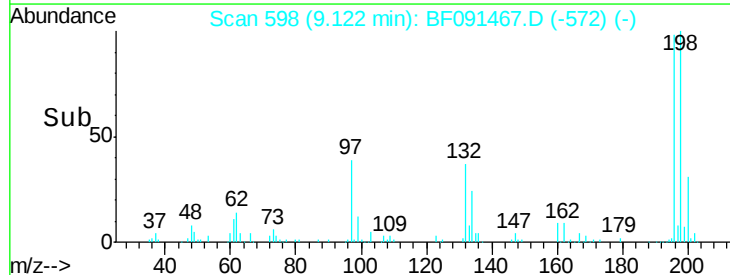
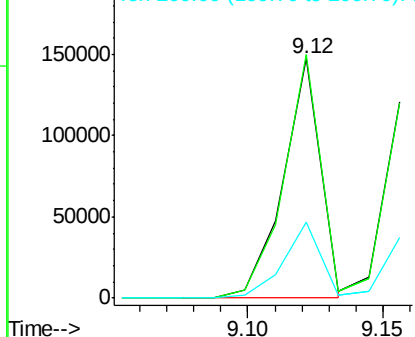


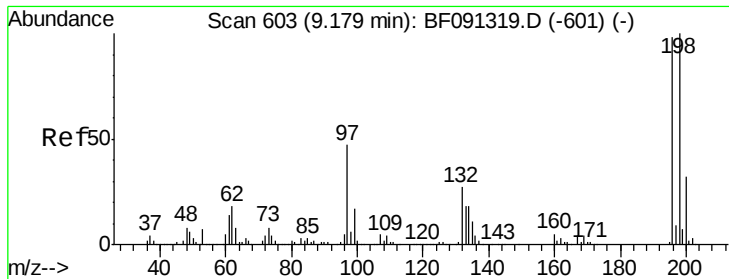
#42
 2,4,6-Trichlorophenol
 Concen: 28.72 ng m
 RT: 9.12 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion:196 Resp: 140335
 Ion Ratio Lower Upper
 196 100
 198 101.8 77.4 116.0
 200 32.0 25.2 37.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

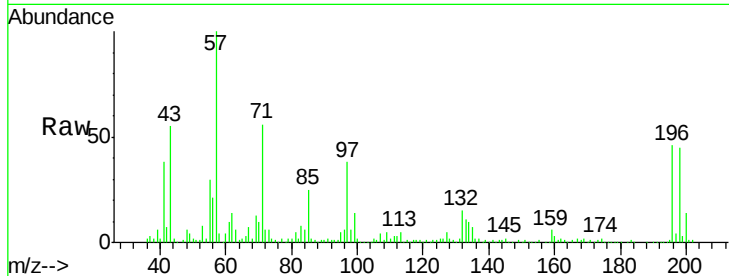




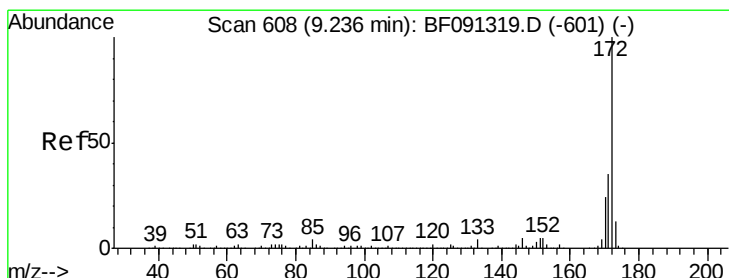
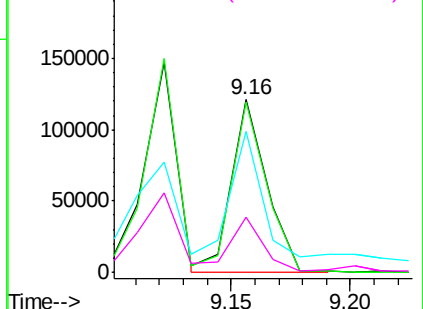
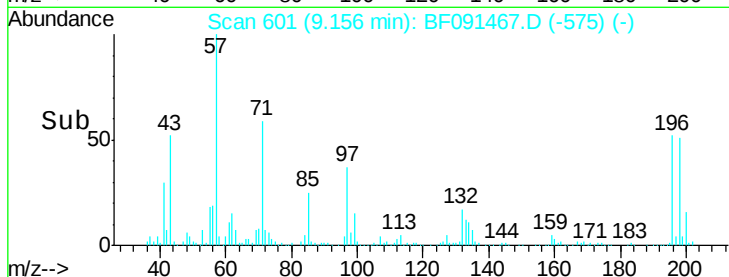
#43
 2,4,5-Trichlorophenol
 Concen: 25.36 ng m
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion:196 Resp: 124139
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.0 115.6
 97 81.9 33.5 50.3#
 132 32.2 20.5 30.7#

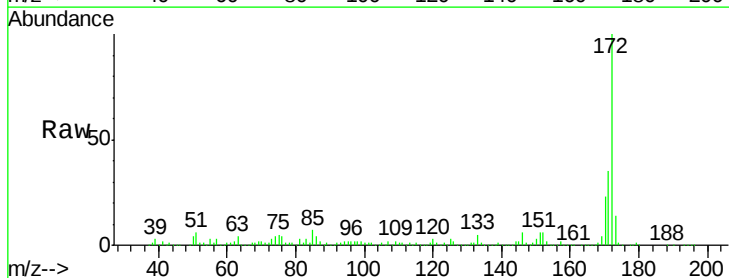


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

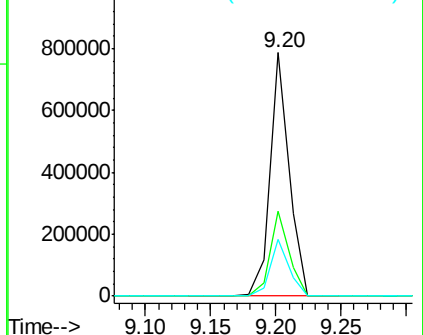
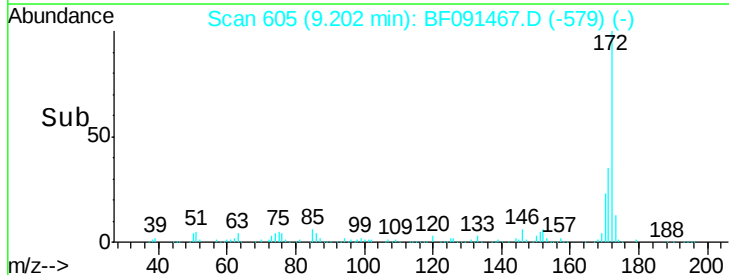


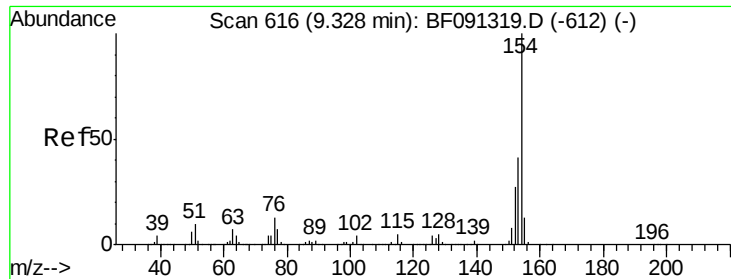
#44
 2-Fluorobiphenyl
 Concen: 54.96 ng
 RT: 9.20 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion:172 Resp: 809467
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.4 44.0
 170 23.3 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 28.33 ng

RT: 9.30 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

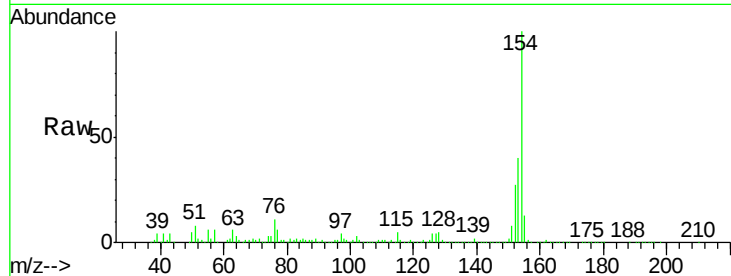
Tgt Ion:154 Resp: 543147

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

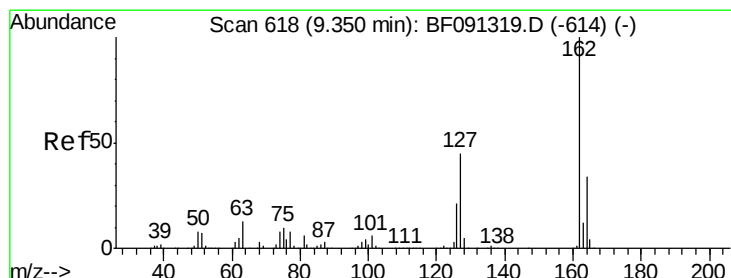
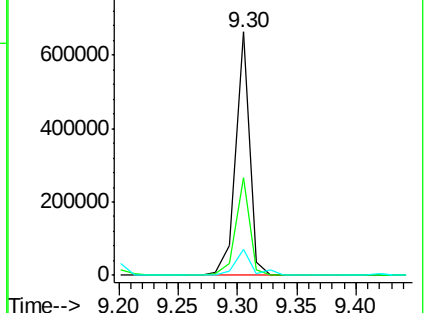
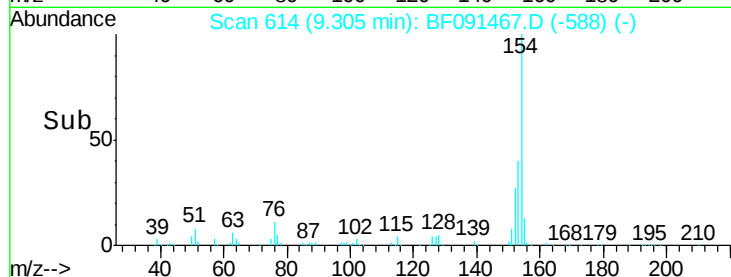
76 10.6 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 26.60 ng

RT: 9.33 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

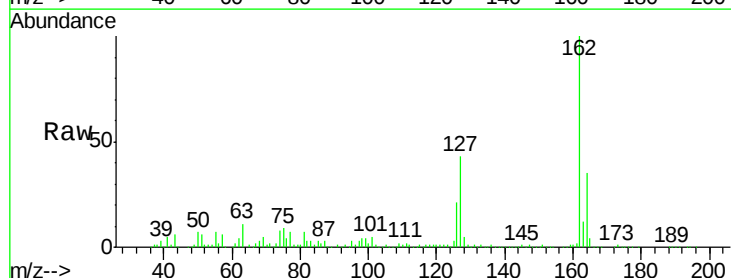
Tgt Ion:162 Resp: 379865

Ion Ratio Lower Upper

162 100

127 43.1 34.3 51.5

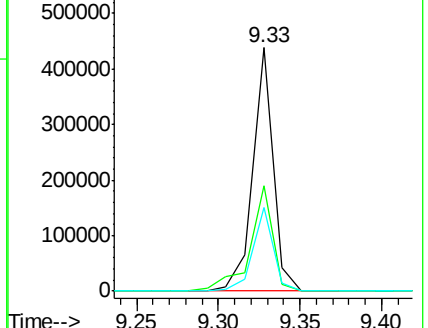
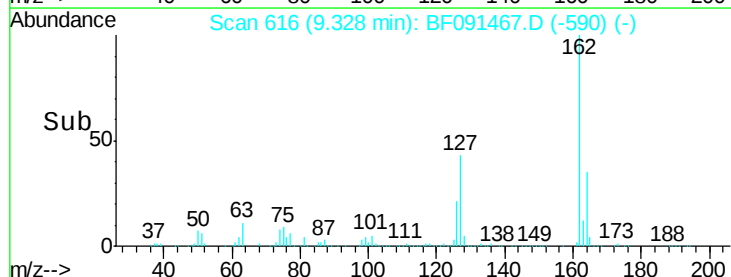
164 34.6 26.6 40.0

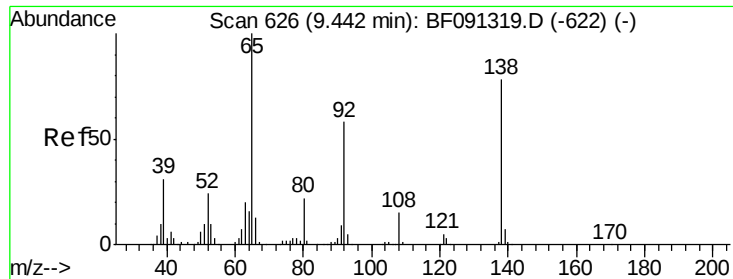


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

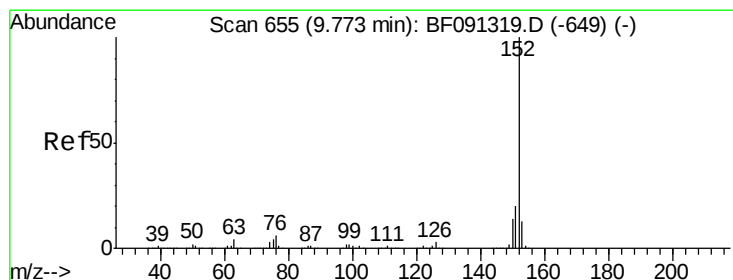
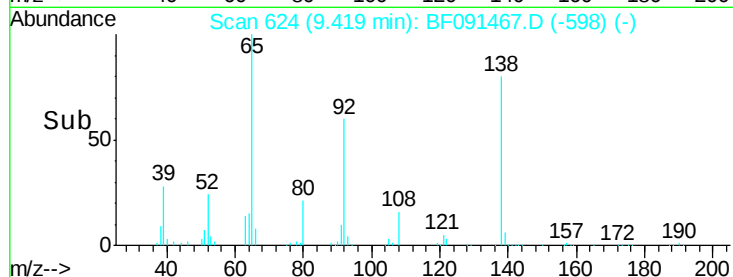
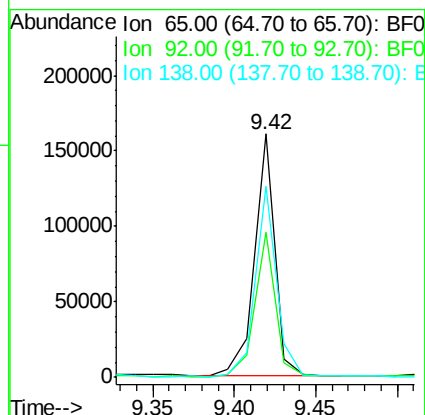
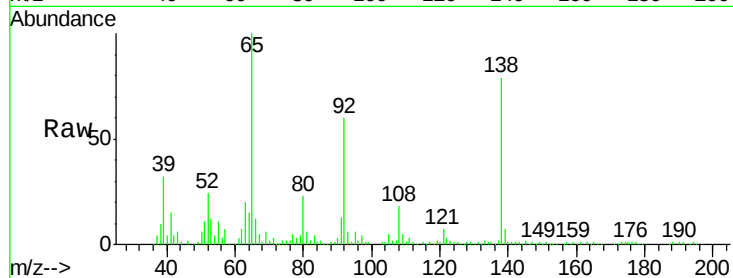




#47
2-Nitroaniline
Concen: 26.90 ng
RT: 9.42 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

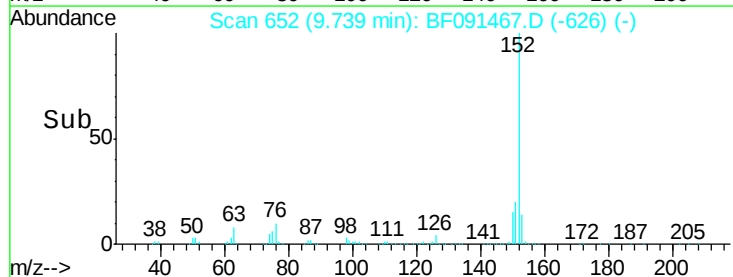
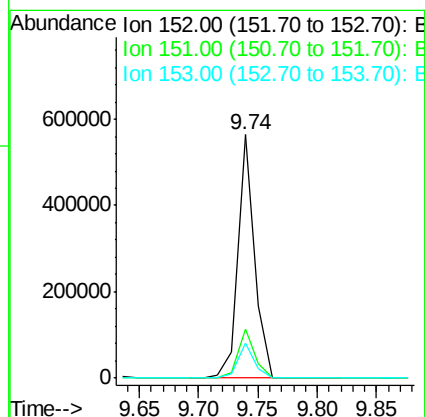
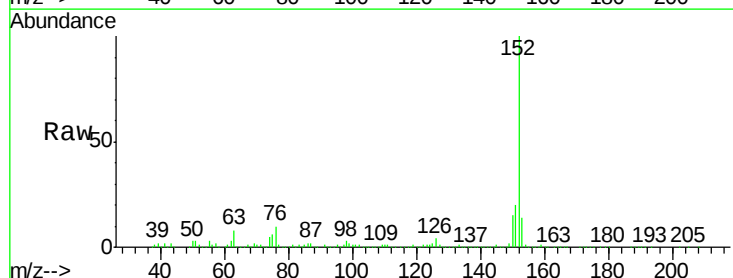
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

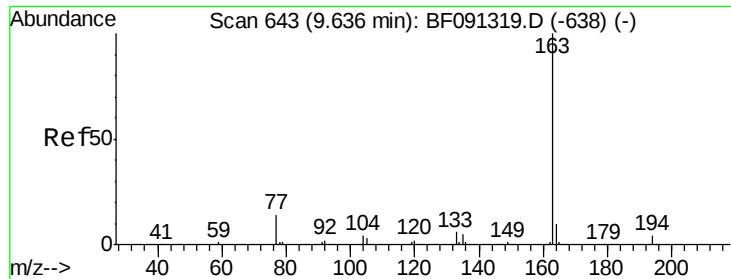
Tgt Ion: 65 Resp: 137945
Ion Ratio Lower Upper
65 100
92 59.6 53.6 80.4
138 78.7 91.0 136.6#



#48
Acenaphthylene
Concen: 24.39 ng
RT: 9.74 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion: 152 Resp: 548364
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 14.3 10.7 16.1





#49

Dimethylphthalate

Concen: 35.68 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

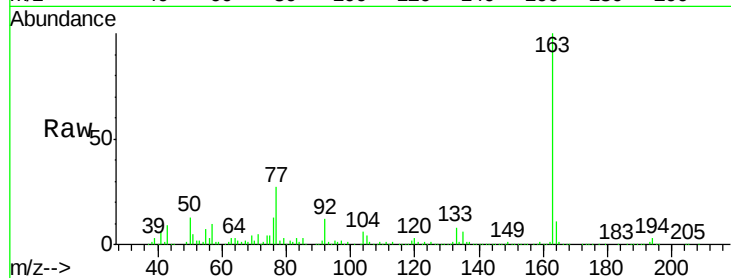
Tgt Ion:163 Resp: 576079

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

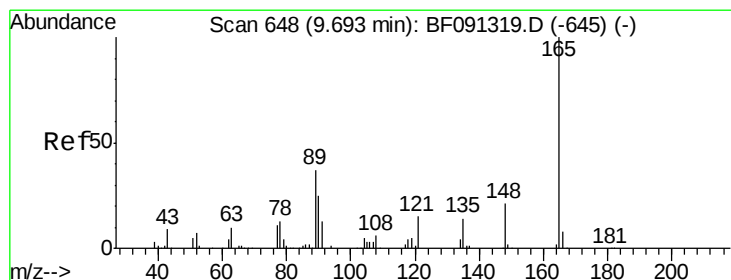
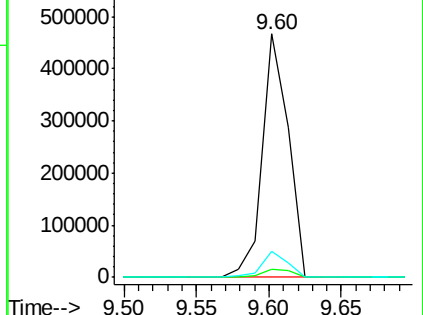
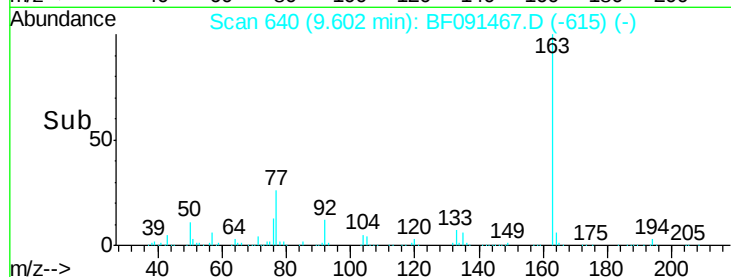
164 10.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 25.85 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

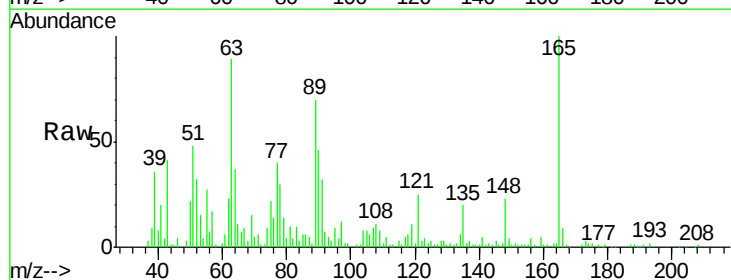
Tgt Ion:165 Resp: 93297

Ion Ratio Lower Upper

165 100

63 88.9 59.4 89.0

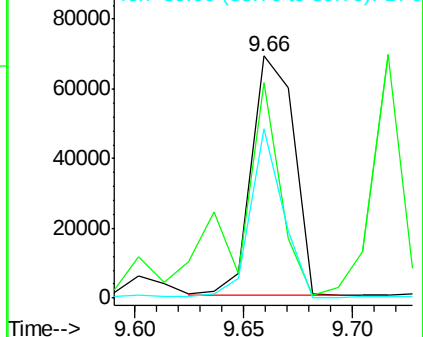
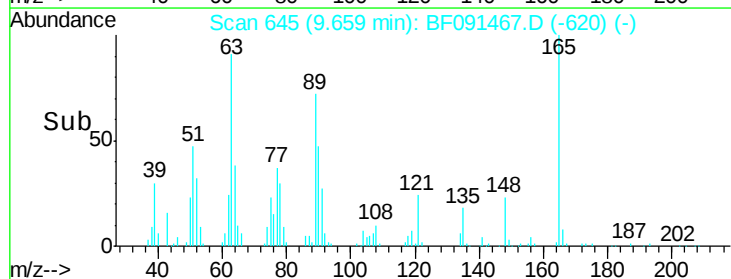
89 70.2 50.8 76.2

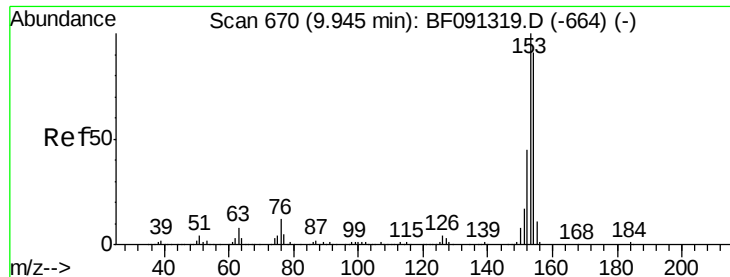


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.29 ng

RT: 9.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

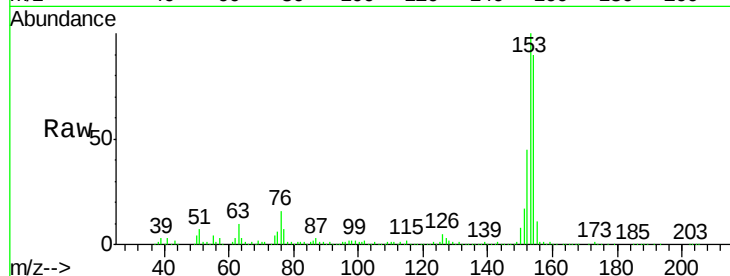
Tgt Ion:154 Resp: 353077

Ion Ratio Lower Upper

154 100

153 111.1 91.0 136.6

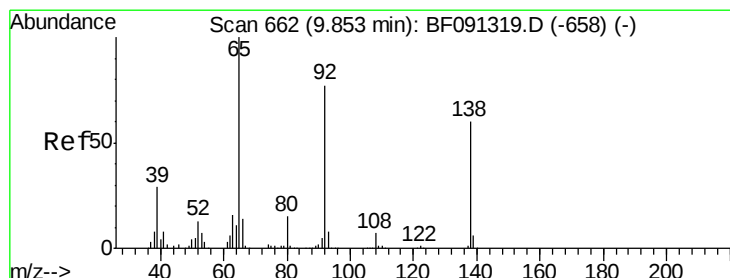
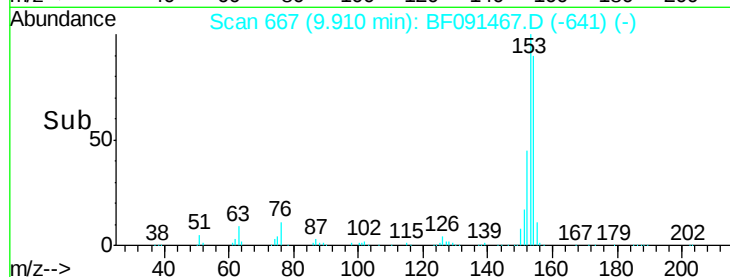
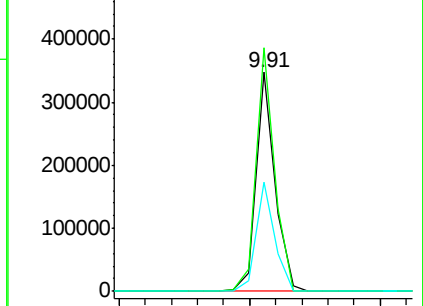
152 49.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.28 ng

RT: 9.83 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

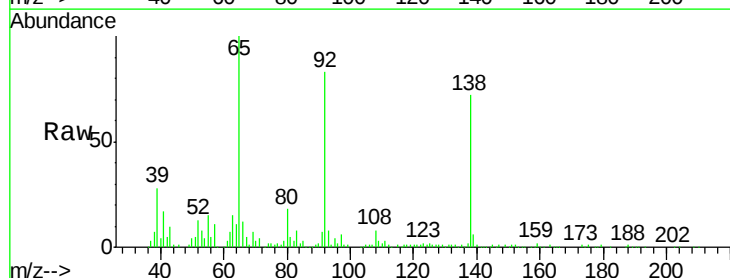
Tgt Ion:138 Resp: 97247

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

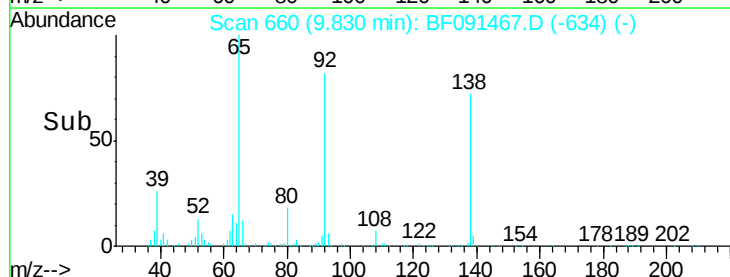
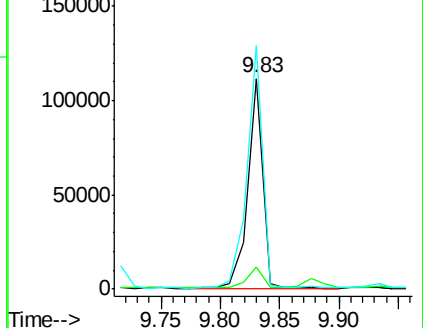
92 115.6 92.5 138.7

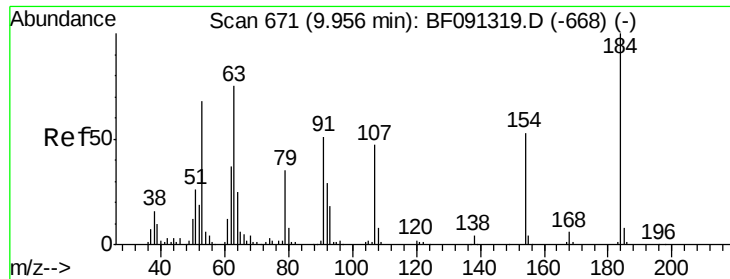


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

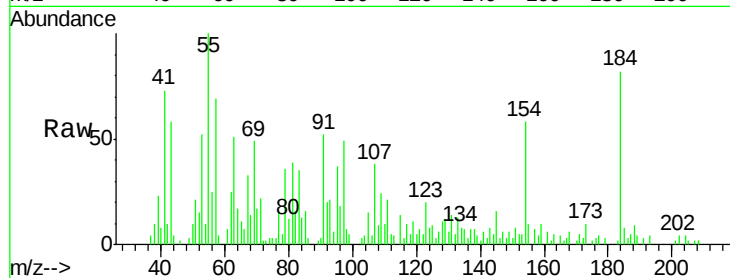




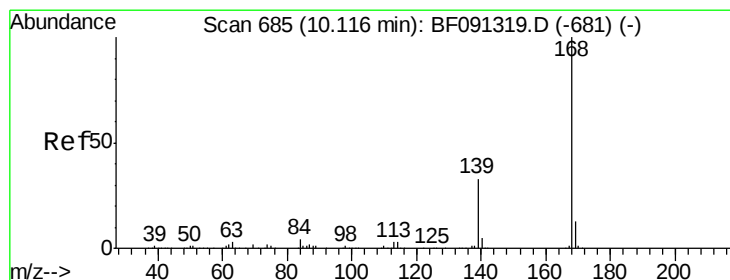
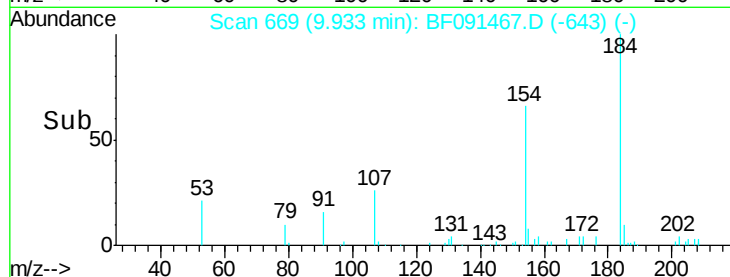
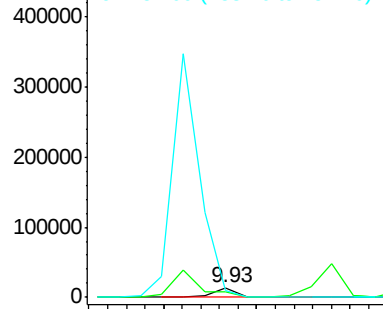
#53
2,4-Dinitrophenol
Concen: 7.58 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

Tgt Ion:184 Resp: 11966
Ion Ratio Lower Upper
184 100
63 62.1 58.3 87.5
154 70.2 48.6 73.0

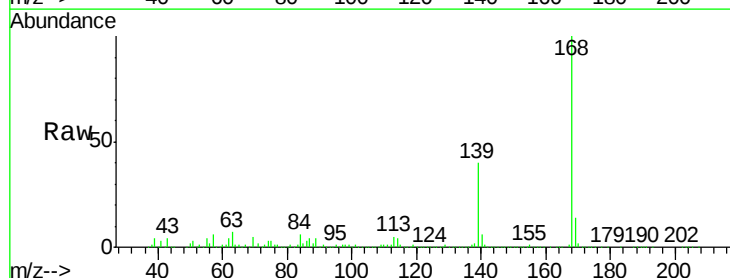


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

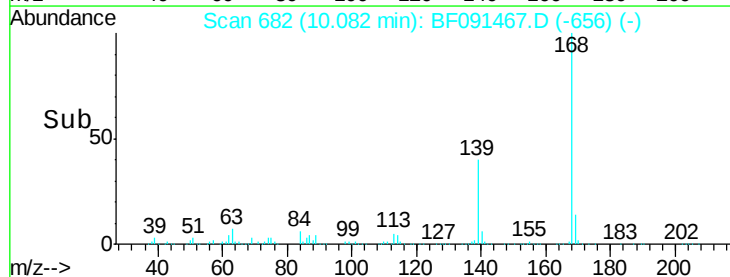
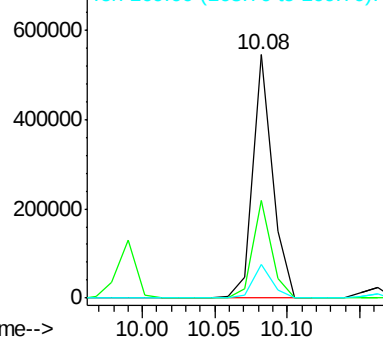


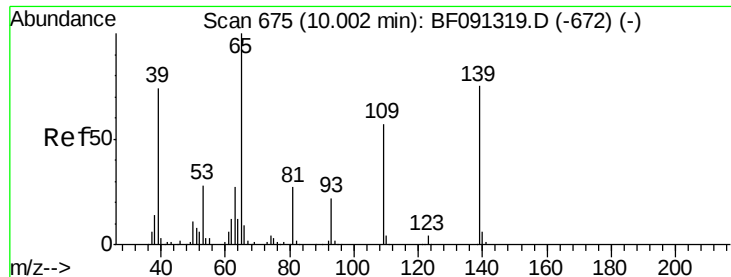
#54
Dibenzofuran
Concen: 25.20 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion:168 Resp: 511655
Ion Ratio Lower Upper
168 100
139 40.3 33.4 50.2
169 13.8 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

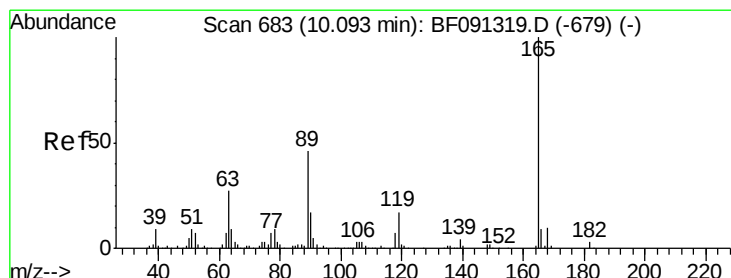
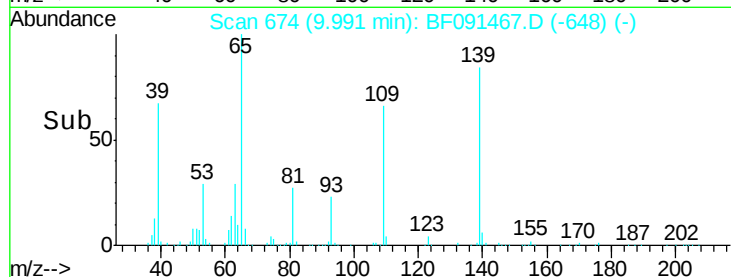
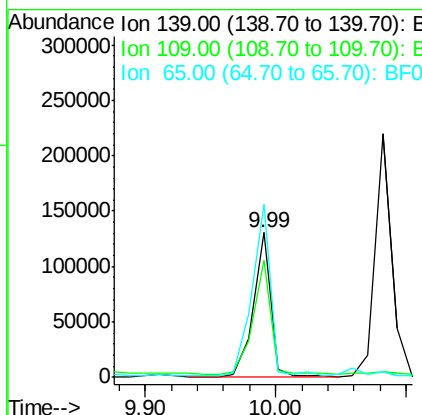
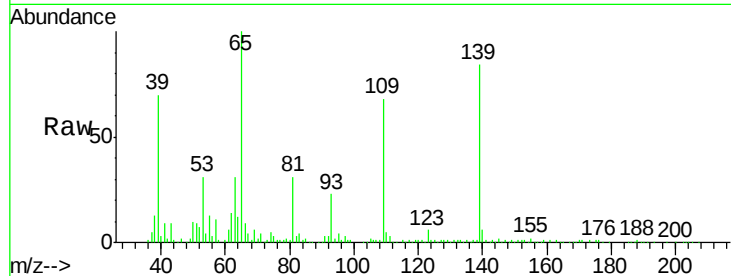




#55
4-Nitrophenol
Concen: 40.05 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

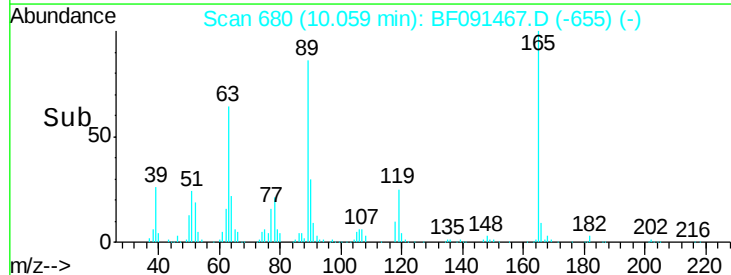
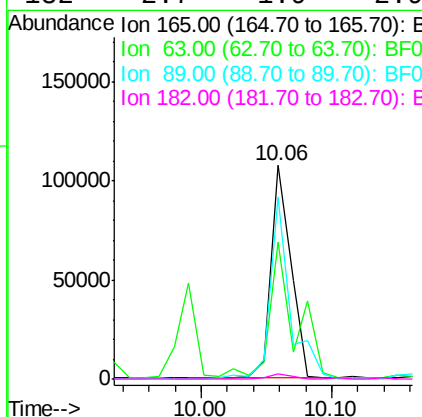
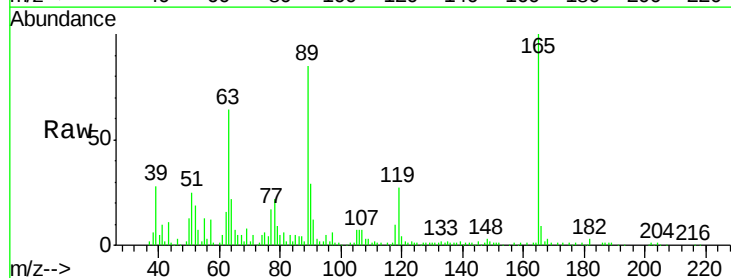
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

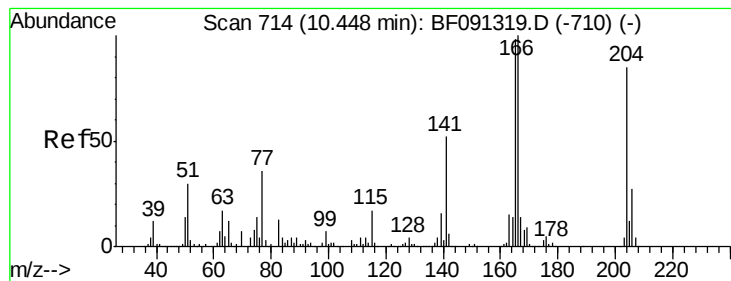
Tgt Ion:139 Resp: 120830
Ion Ratio Lower Upper
139 100
109 81.0 54.9 94.9
65 119.2 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 24.43 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion:165 Resp: 114356
Ion Ratio Lower Upper
165 100
63 63.9 29.0 43.4#
89 84.9 43.1 64.7#
182 2.7 1.9 2.9





#57

Fluorene

Concen: 26.10 ng

RT: 10.42 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

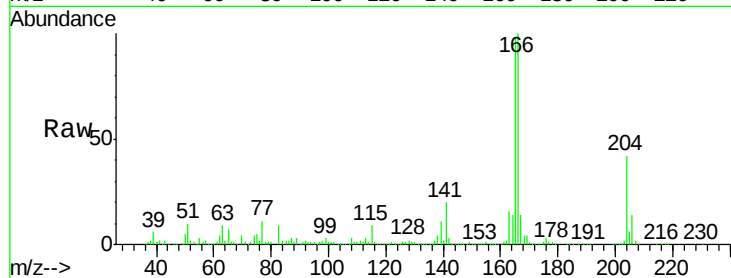
Tgt Ion:166 Resp: 406829

Ion Ratio Lower Upper

166 100

165 97.9 80.0 120.0

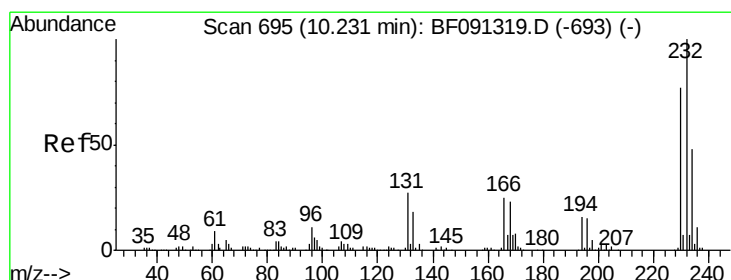
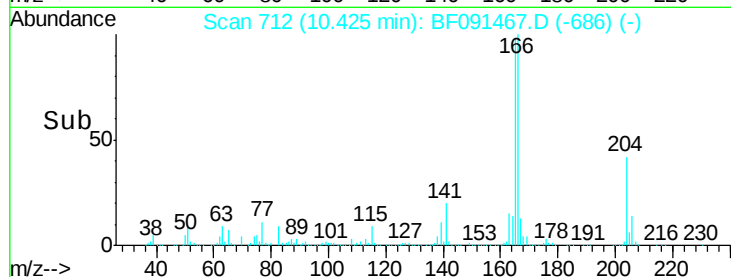
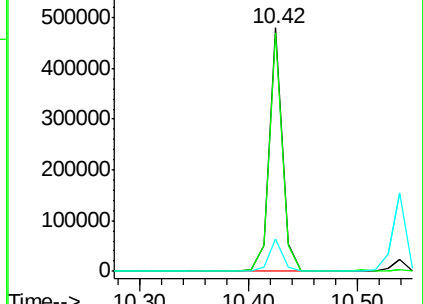
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.95 ng

RT: 10.21 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Tgt Ion:232 Resp: 100118

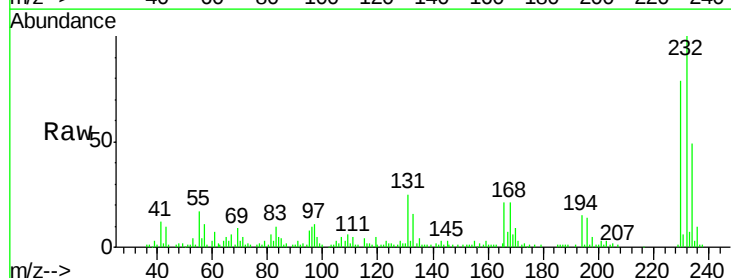
Ion Ratio Lower Upper

232 100

131 45.1 38.4 57.6

130 2.7 1.8 2.8

166 31.8 23.9 35.9

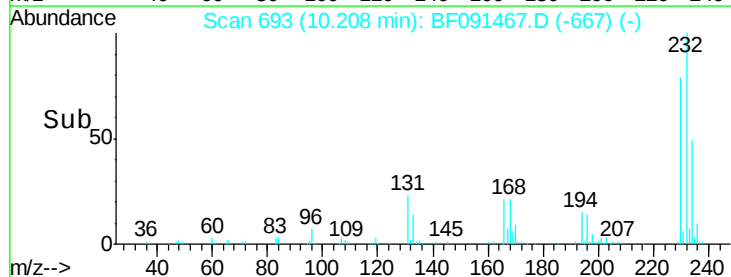
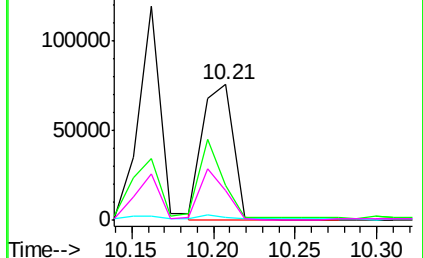


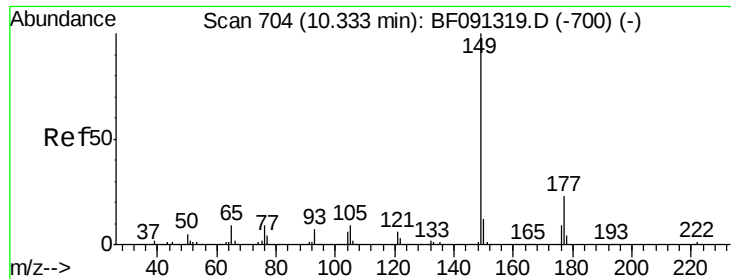
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

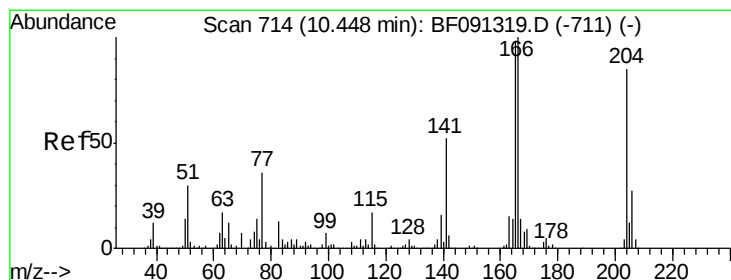
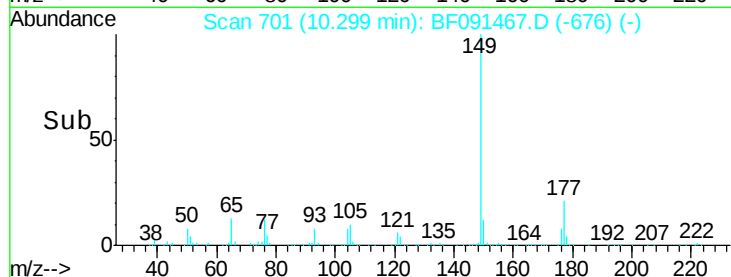
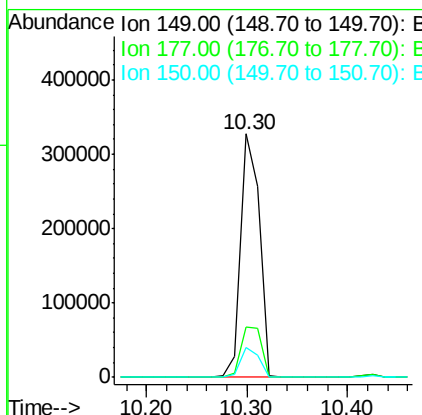
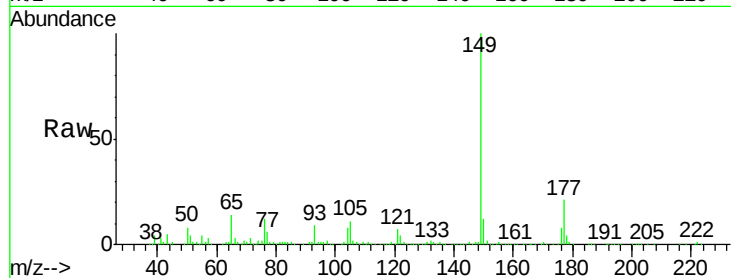




#59
Diethylphthalate
Concen: 26.50 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

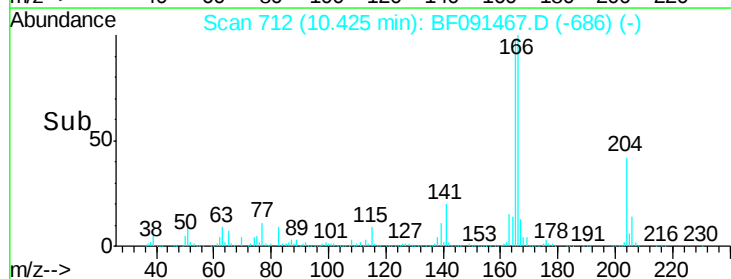
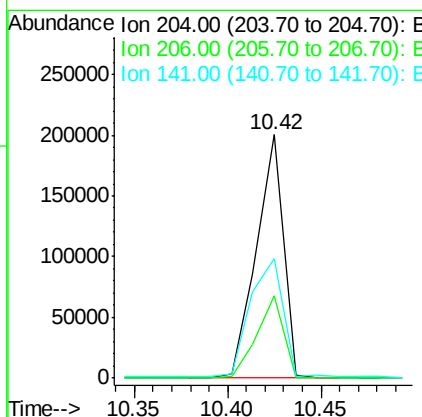
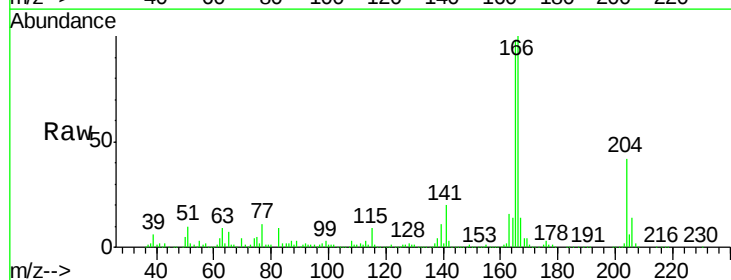
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

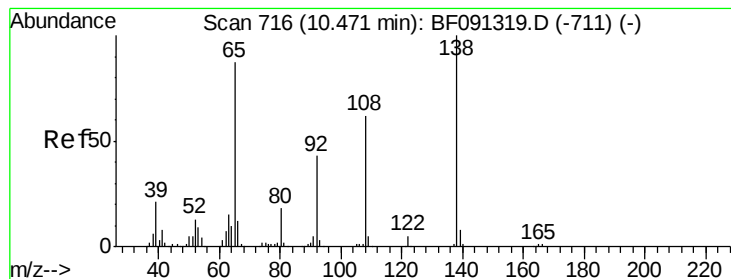
Tgt Ion:149 Resp: 422362
Ion Ratio Lower Upper
149 100
177 20.8 15.7 23.5
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 25.62 ng
RT: 10.42 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion:204 Resp: 200265
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 48.9 40.6 61.0





#61

4-Nitroaniline

Concen: 20.06 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

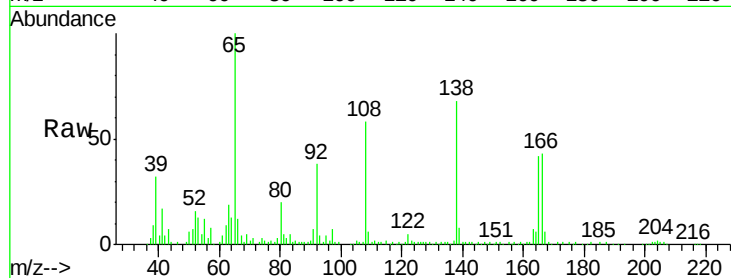
Tgt Ion:138 Resp: 78690

Ion Ratio Lower Upper

138 100

92 56.4 26.9 66.9

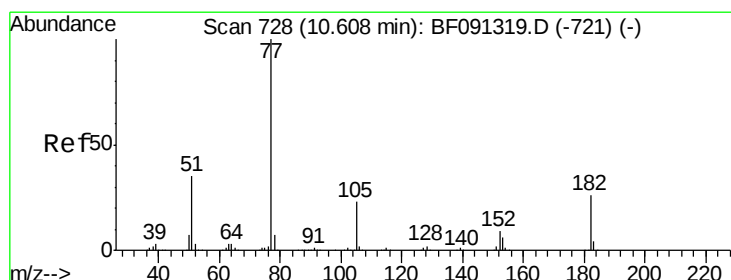
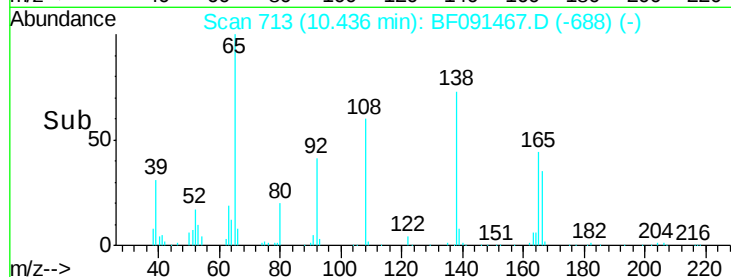
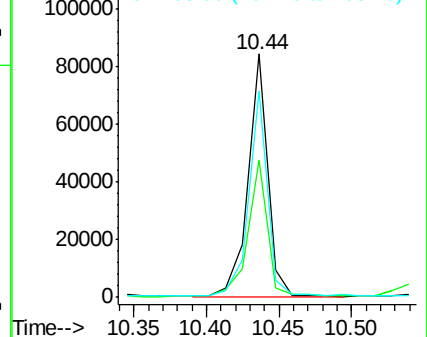
108 85.0 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 25.44 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Tgt Ion: 77 Resp: 413706

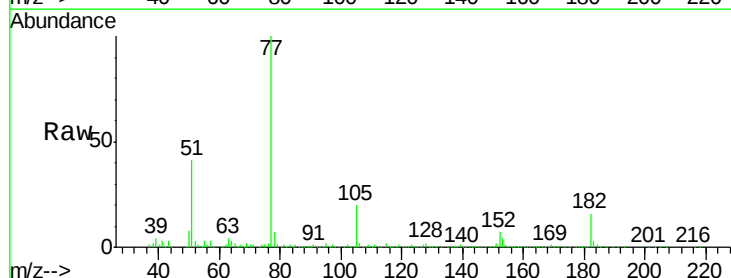
Ion Ratio Lower Upper

77 100

182 16.3 12.5 52.5

105 19.6 3.7 43.7

51 40.9 11.9 51.9

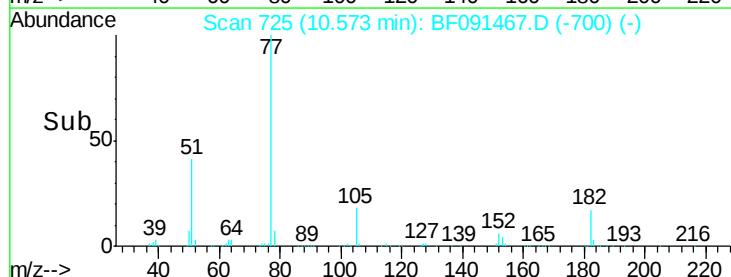
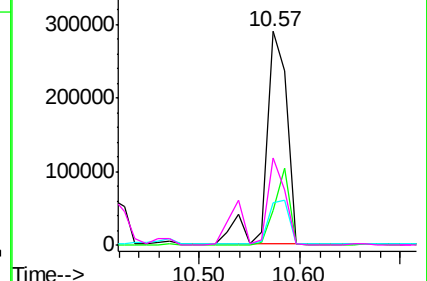


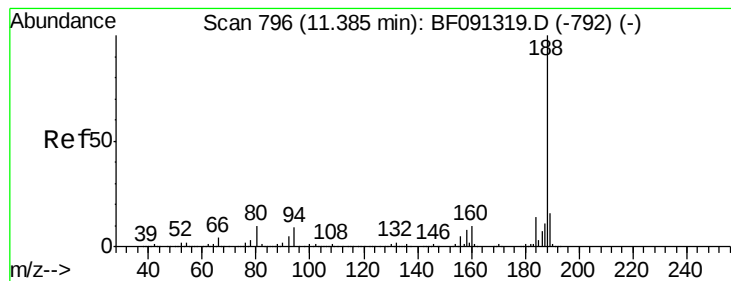
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

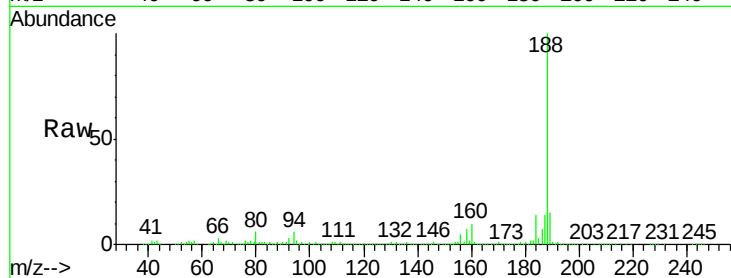
Tgt Ion:188 Resp: 398916

Ion Ratio Lower Upper

188 100

94 5.8 9.2 13.8#

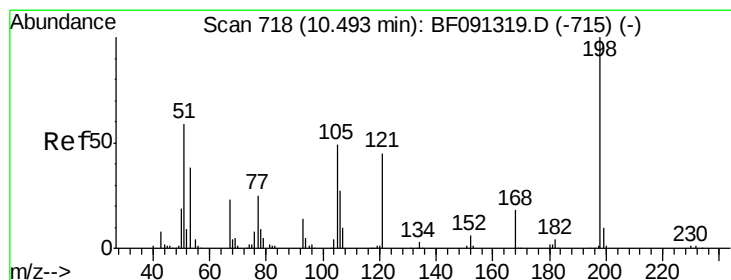
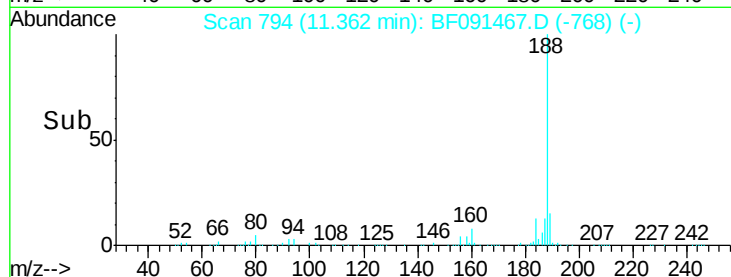
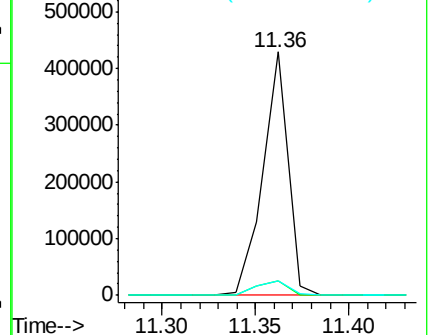
80 5.8 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 9.17 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

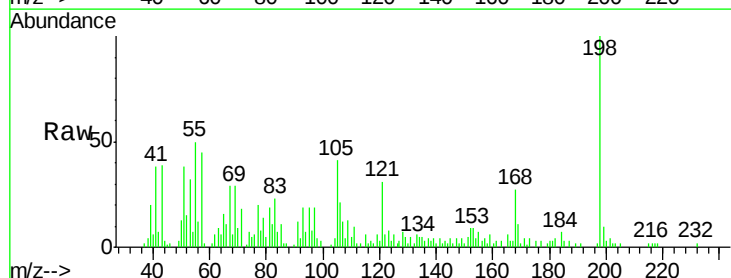
Tgt Ion:198 Resp: 20145

Ion Ratio Lower Upper

198 100

51 37.9 77.1 117.1#

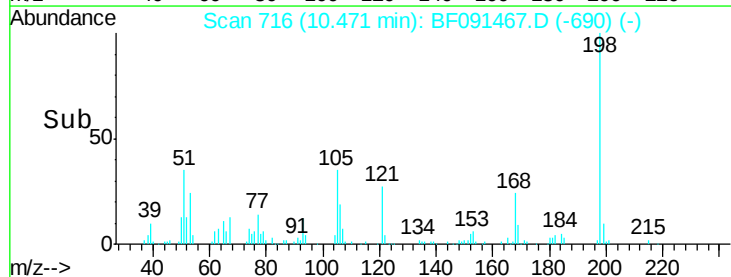
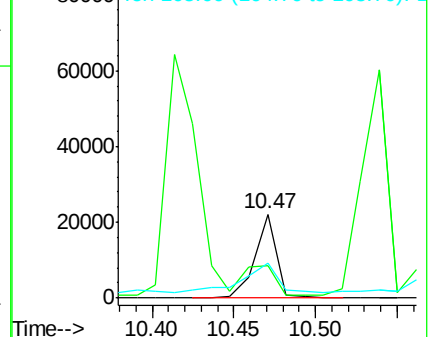
105 41.1 44.8 84.8#

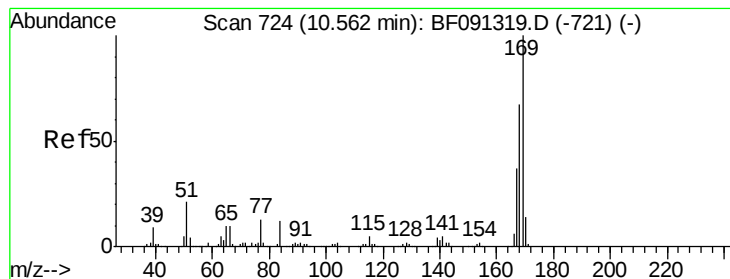


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.35 ng

RT: 10.54 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

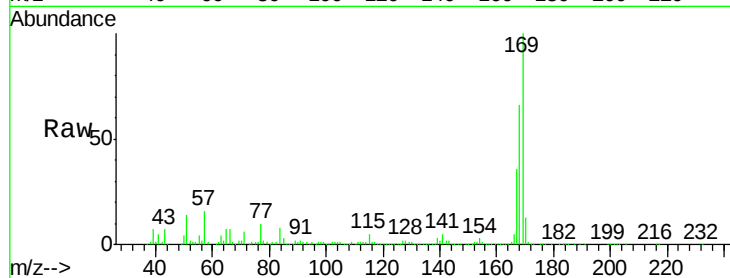
Tgt Ion:169 Resp: 379141

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.8

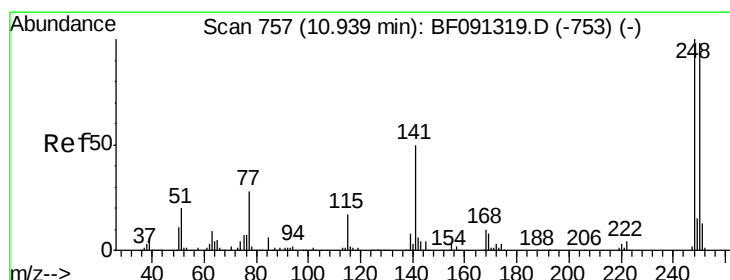
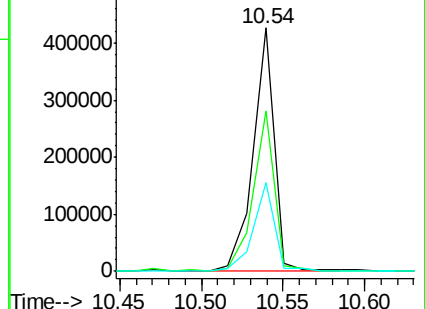
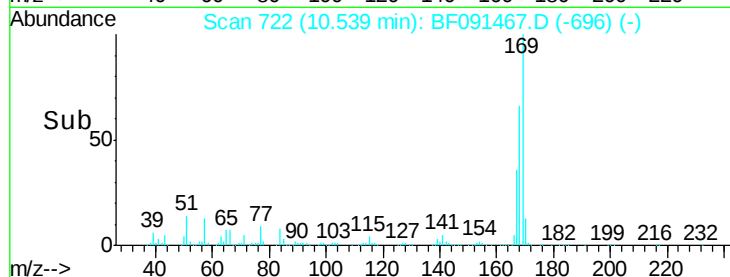
167 36.2 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 27.25 ng

RT: 10.90 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

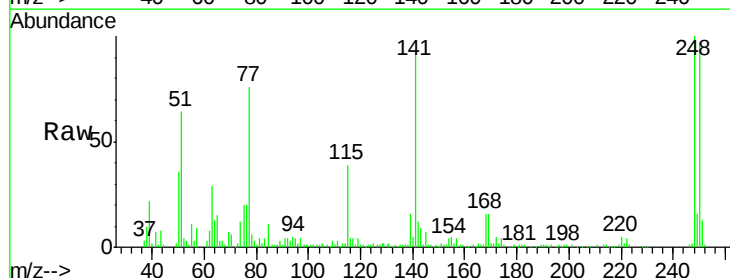
Tgt Ion:248 Resp: 116845

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

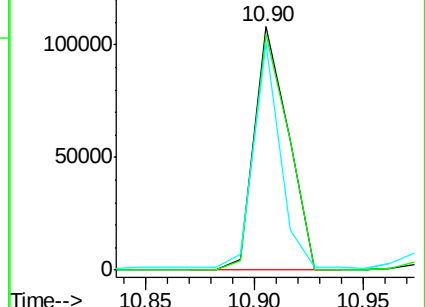
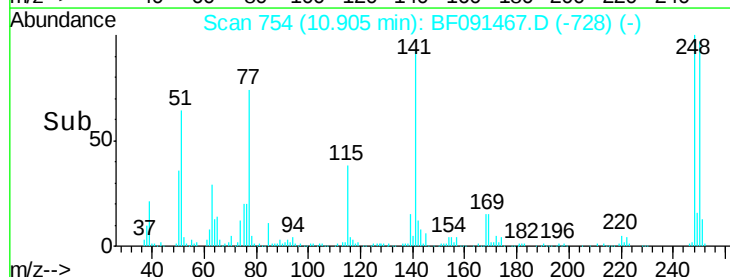
141 93.3 71.9 107.9

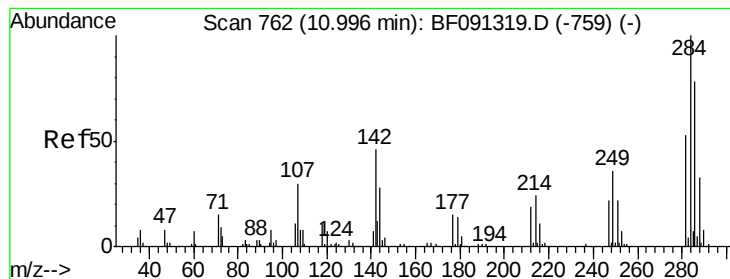


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 26.82 ng

RT: 10.97 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

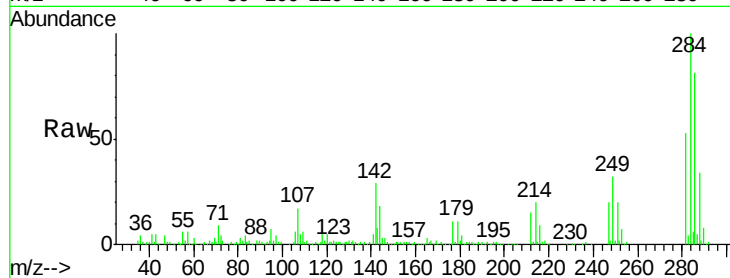
Tgt Ion:284 Resp: 124267

Ion Ratio Lower Upper

284 100

142 29.3 17.9 26.9#

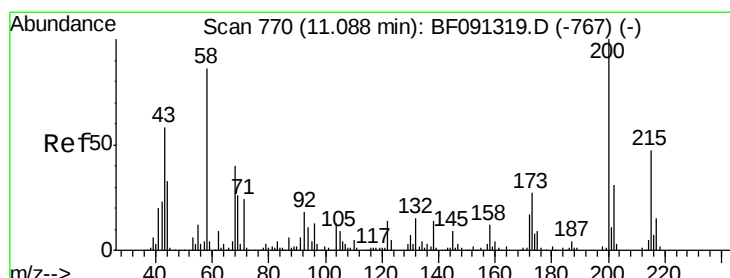
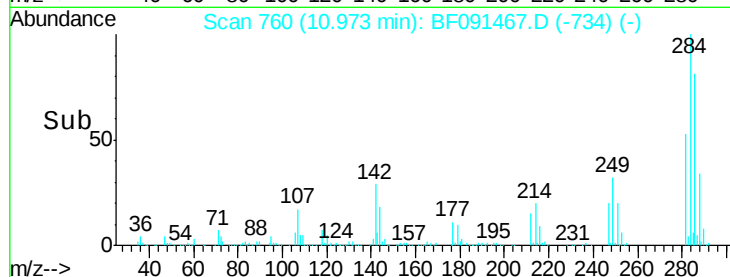
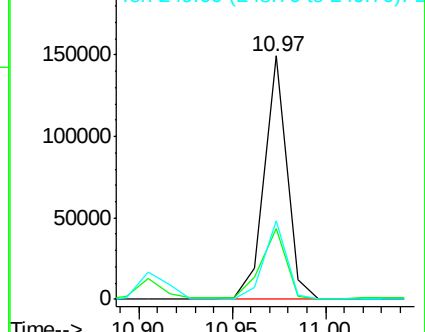
249 32.4 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 27.93 ng

RT: 11.06 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

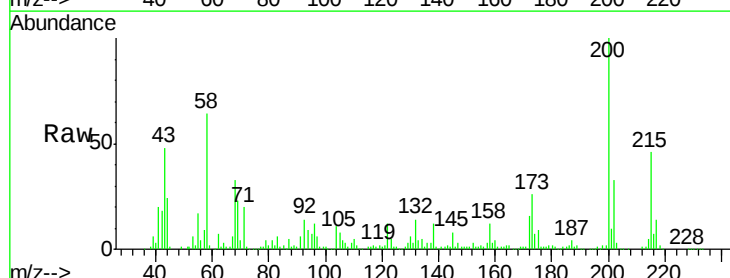
Tgt Ion:200 Resp: 109403

Ion Ratio Lower Upper

200 100

173 26.4 7.8 47.8

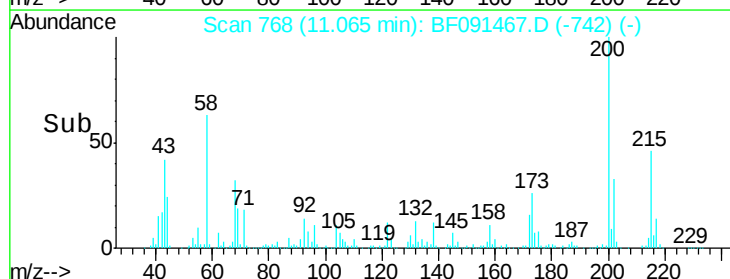
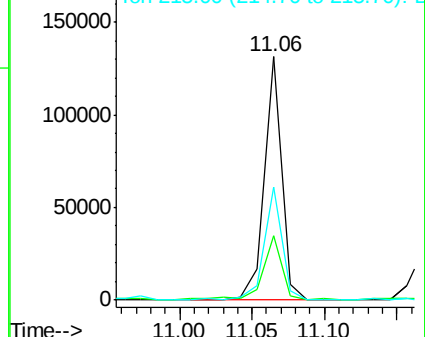
215 46.4 24.3 64.3

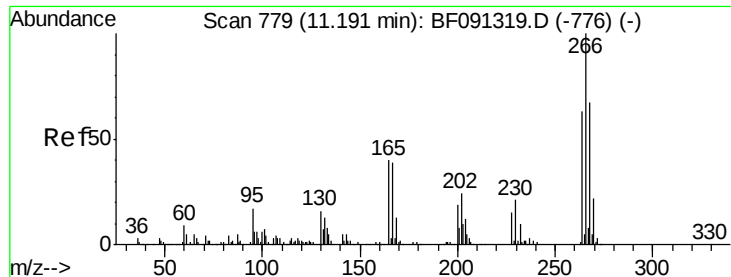


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

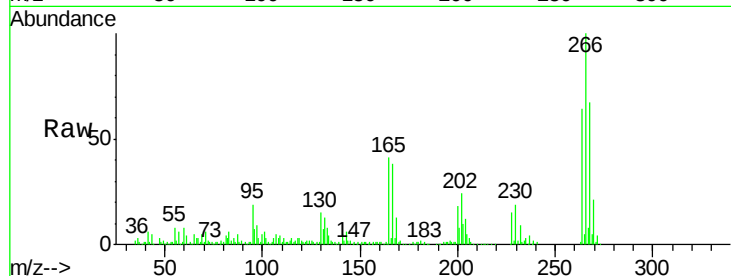




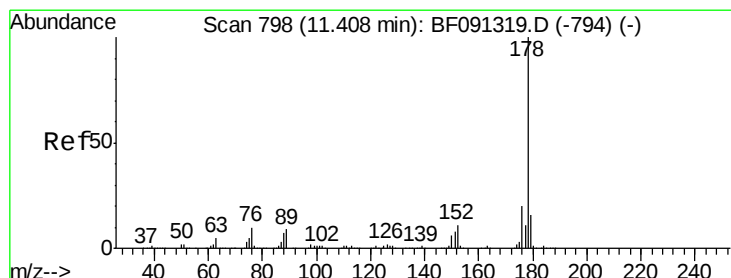
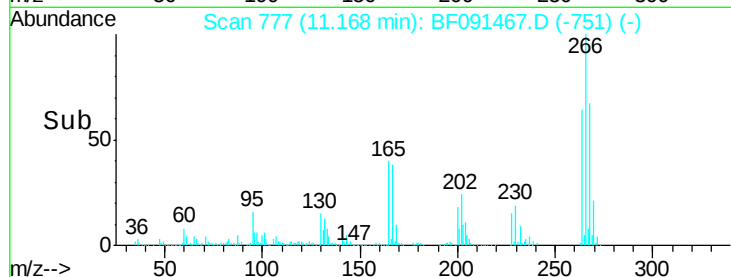
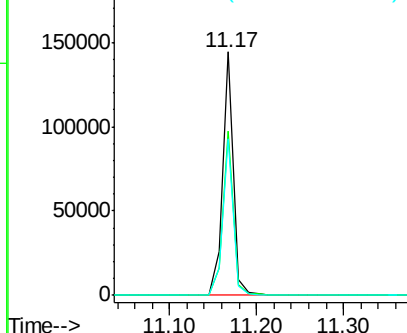
#69
 Pentachlorophenol
 Concen: 46.46 ng
 RT: 11.17 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	50.3	75.5
264	64.1	48.2	72.2

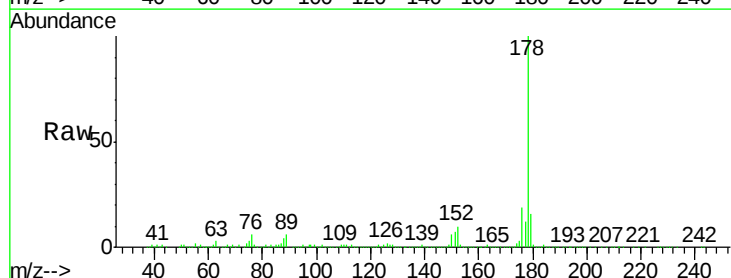


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

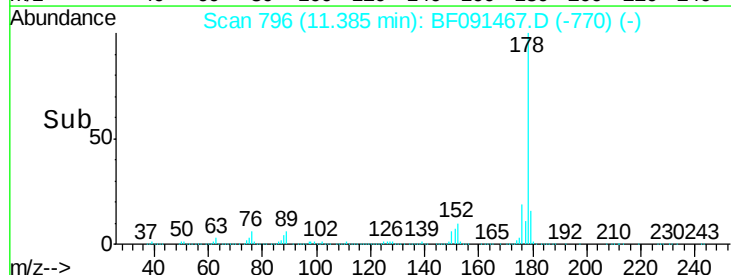
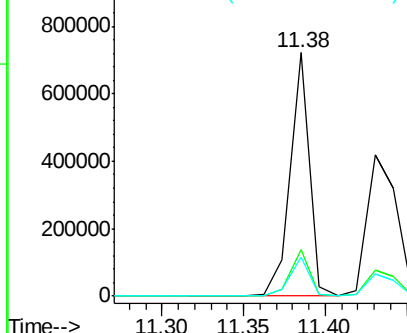


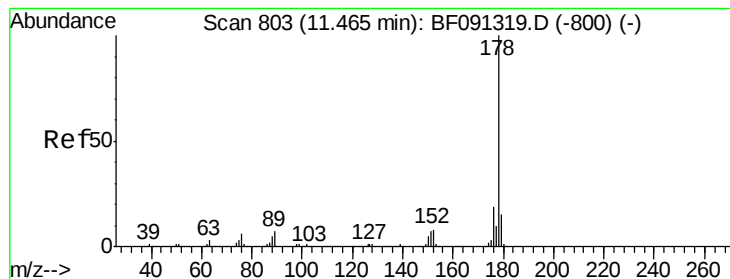
#70
 Phenanthrene
 Concen: 28.49 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.7	12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 25.42 ng

RT: 11.43 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

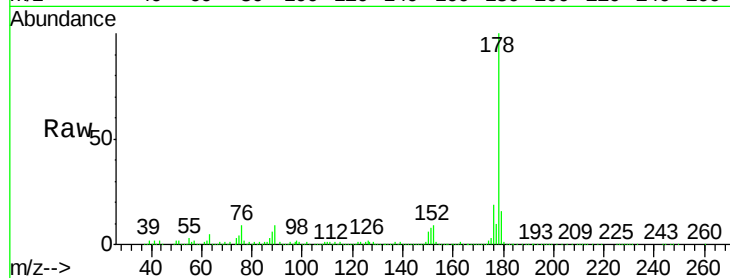
Tgt Ion:178 Resp: 523016

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

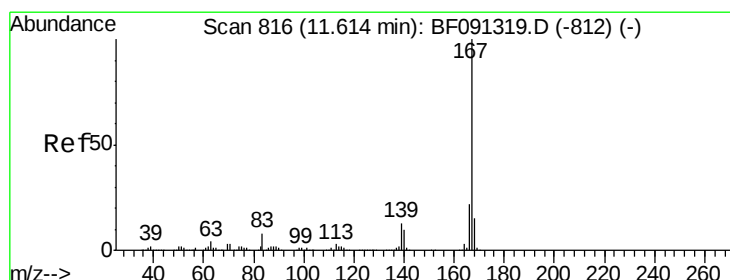
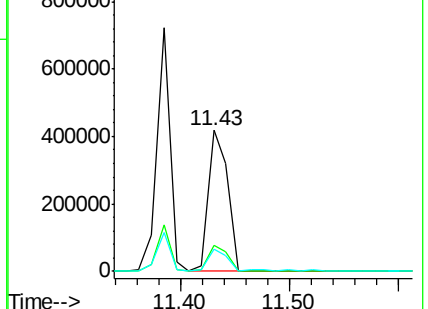
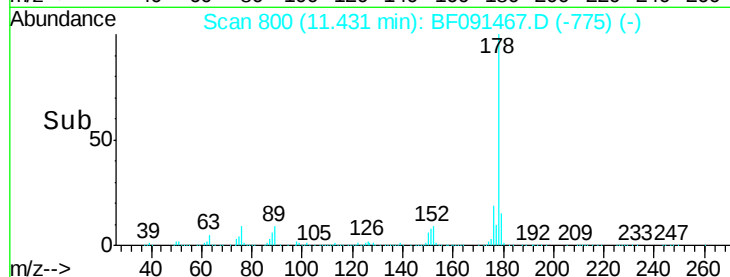
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 26.25 ng

RT: 11.59 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

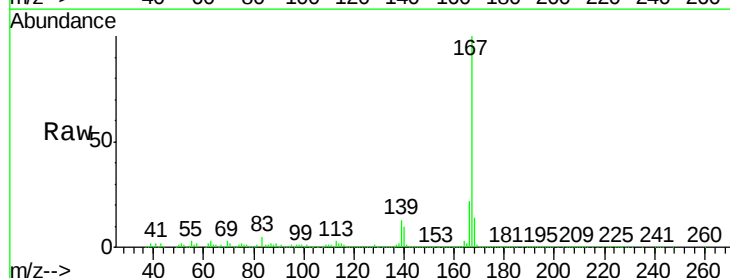
Tgt Ion:167 Resp: 489944

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

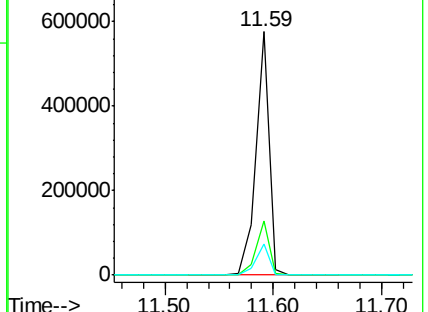
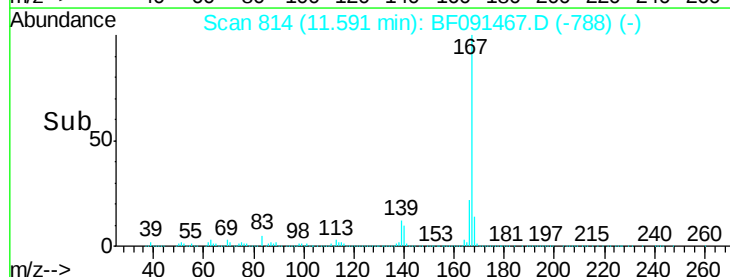
139 12.5 11.5 17.3

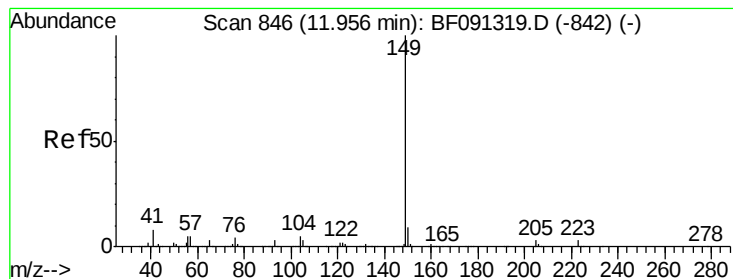


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 25.54 ng

RT: 11.93 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

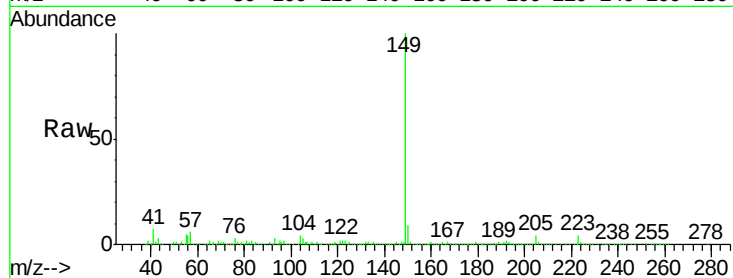
Tgt Ion:149 Resp: 540336

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

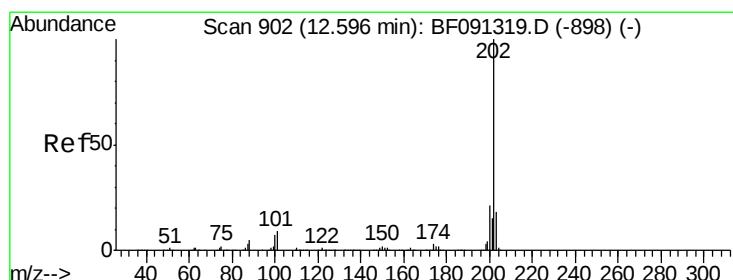
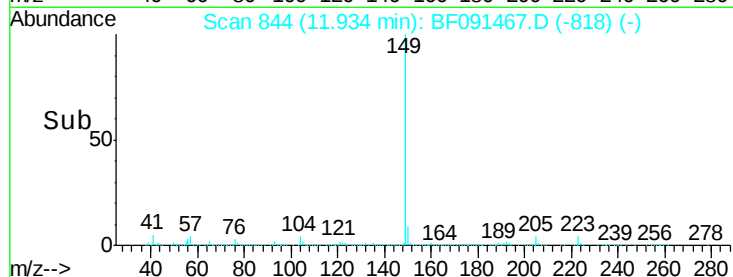
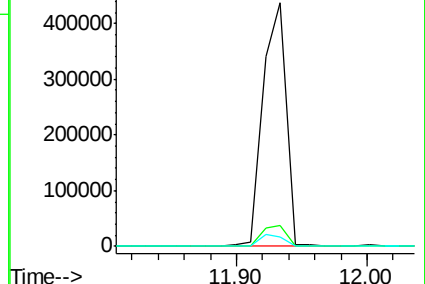
104 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.10 ng

RT: 12.57 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

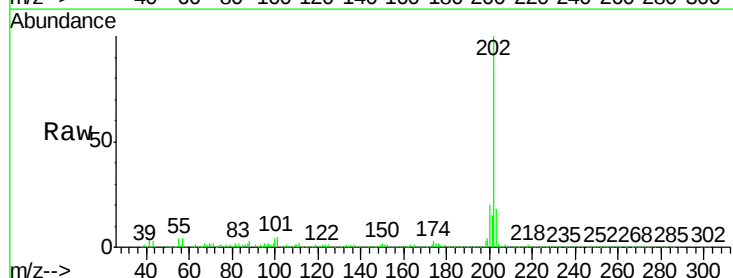
Tgt Ion:202 Resp: 591011

Ion Ratio Lower Upper

202 100

101 5.4 0.0 29.5

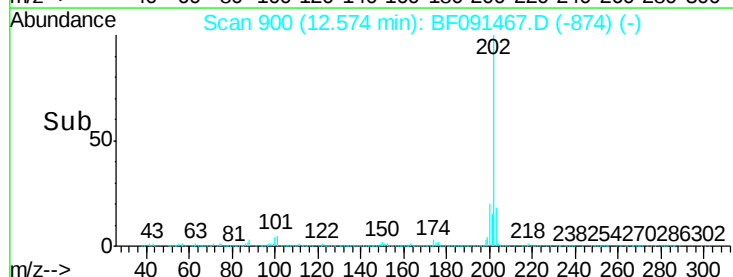
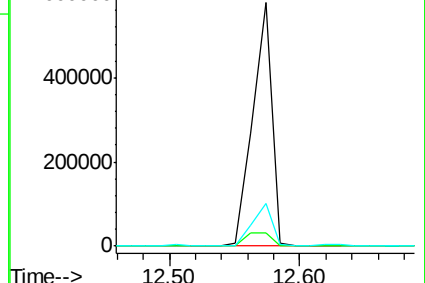
203 17.8 0.0 37.8

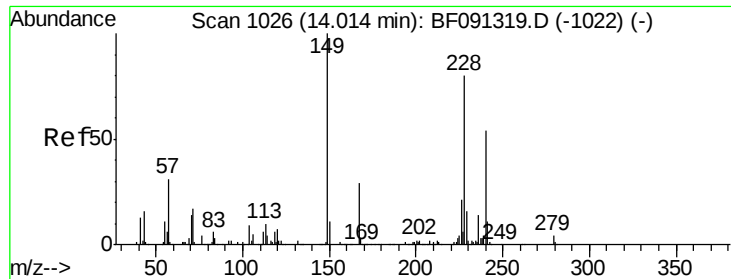


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

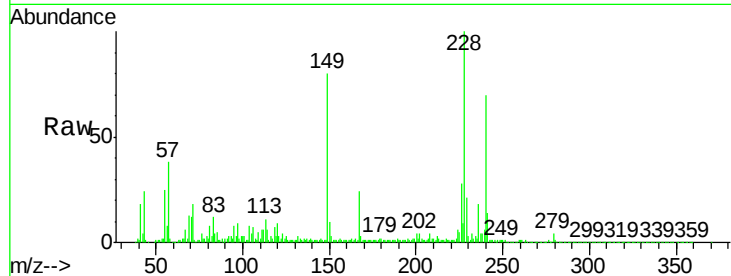
Tgt Ion:240 Resp: 304468

Ion Ratio Lower Upper

240 100

120 13.2 12.1 18.1

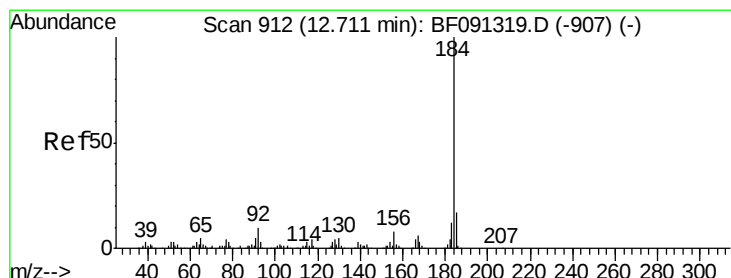
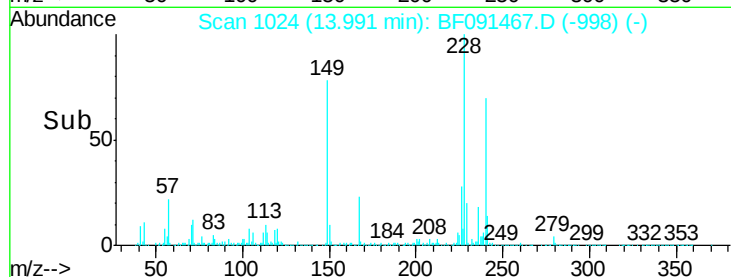
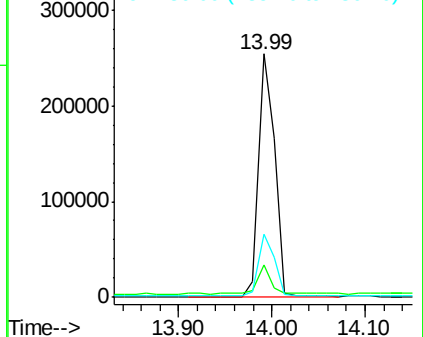
236 25.7 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.50 ng

RT: 12.69 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

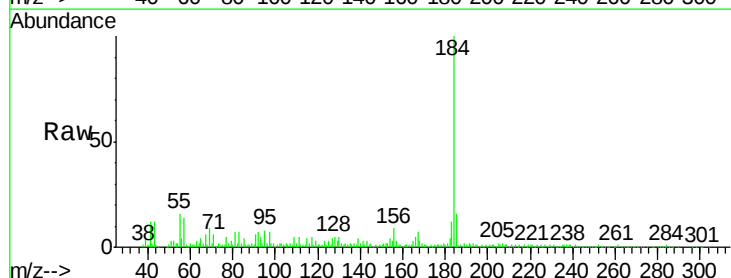
Tgt Ion:184 Resp: 174269

Ion Ratio Lower Upper

184 100

185 16.1 13.1 19.7

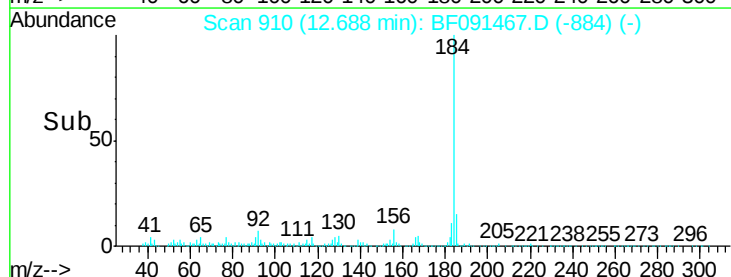
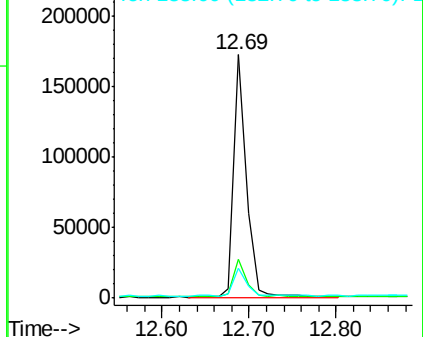
183 12.4 8.9 13.3

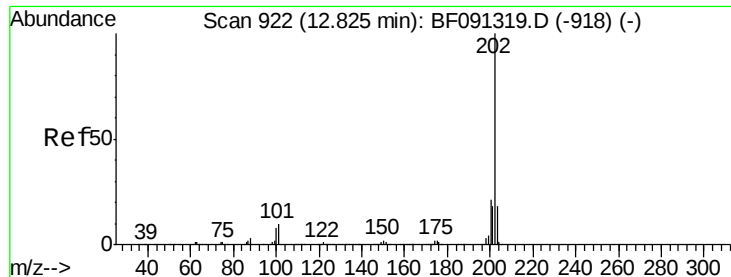


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 25.72 ng

RT: 12.80 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

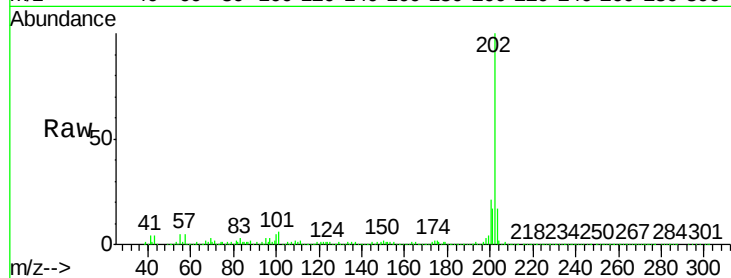
Tgt Ion:202 Resp: 594238

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

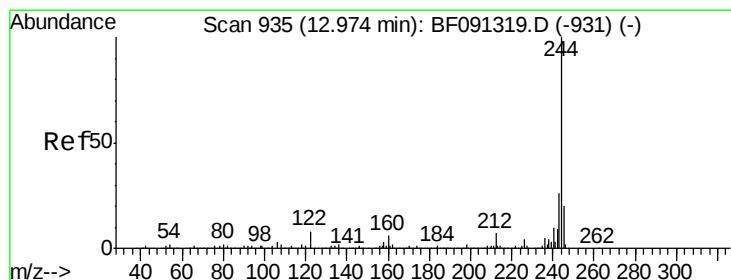
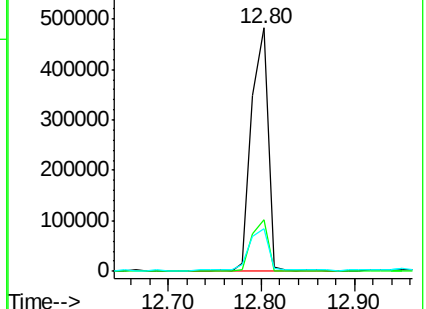
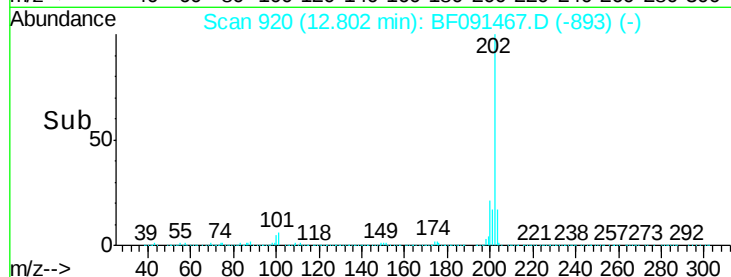
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 41.59 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

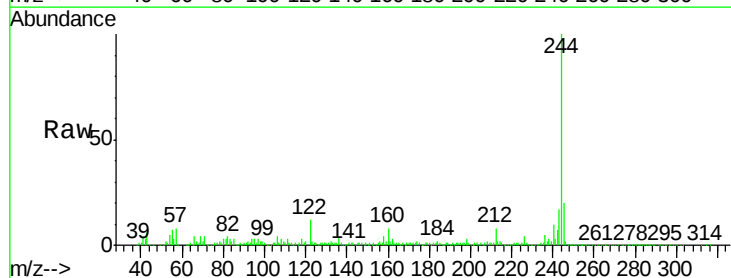
Tgt Ion:244 Resp: 582577

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

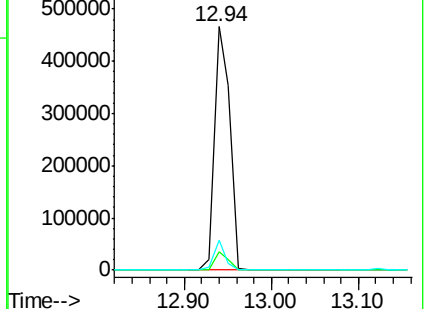
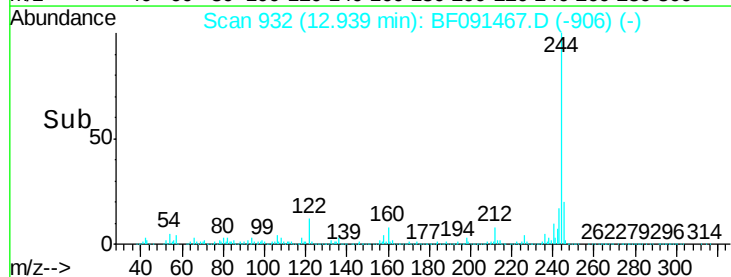
122 12.4 9.5 14.3

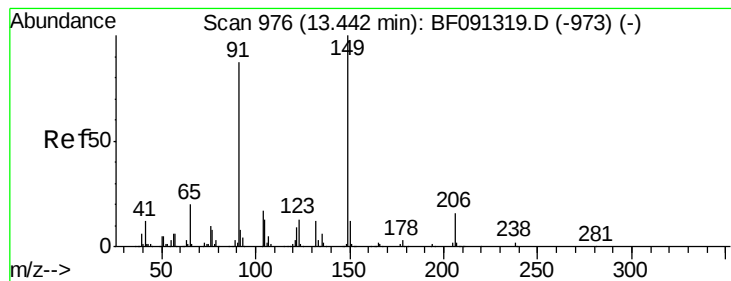


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.24 ng

RT: 13.42 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

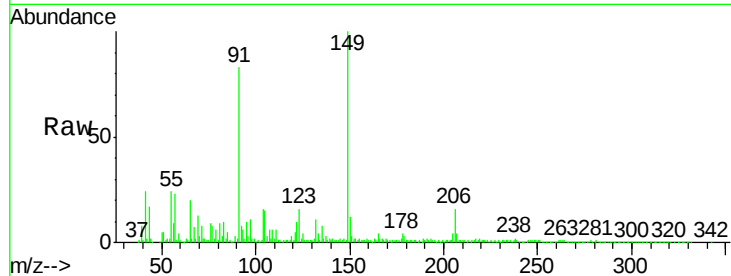
Tgt Ion:149 Resp: 218343

Ion Ratio Lower Upper

149 100

91 83.0 57.4 86.2

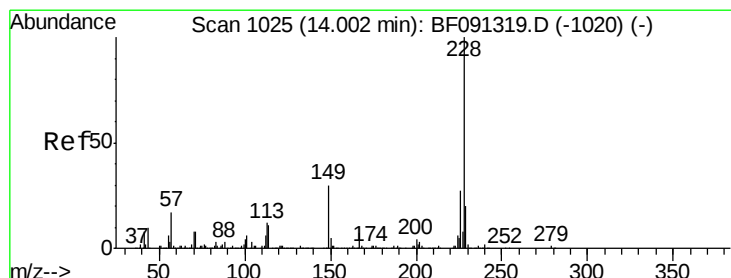
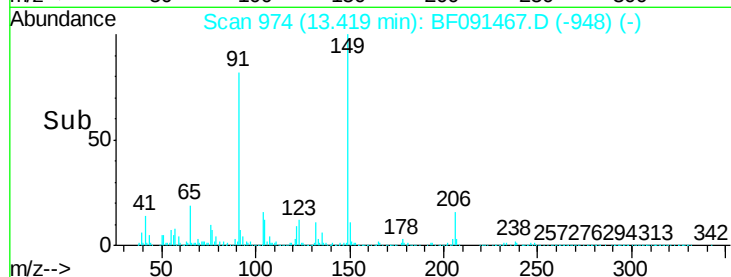
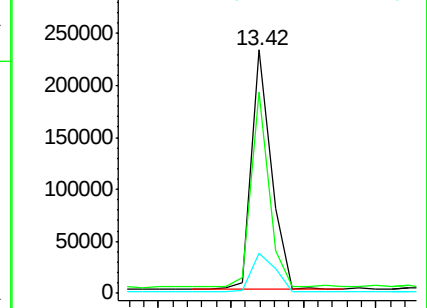
206 16.5 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.74 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

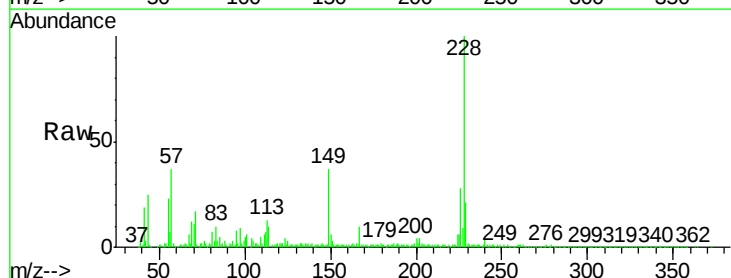
Tgt Ion:228 Resp: 547325

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

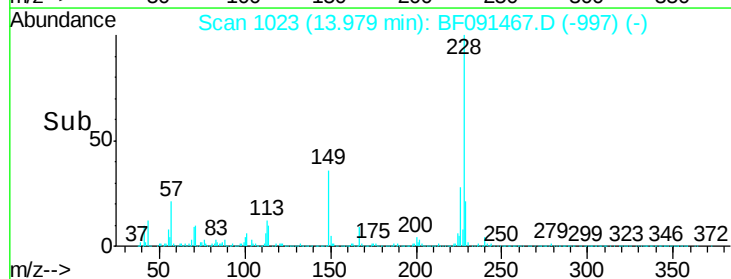
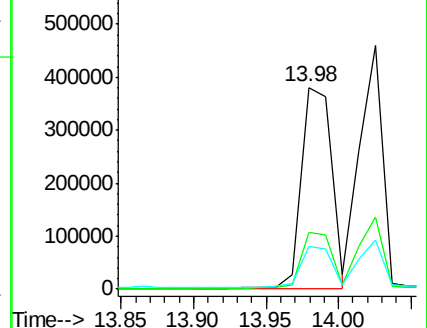
229 21.3 16.4 24.6

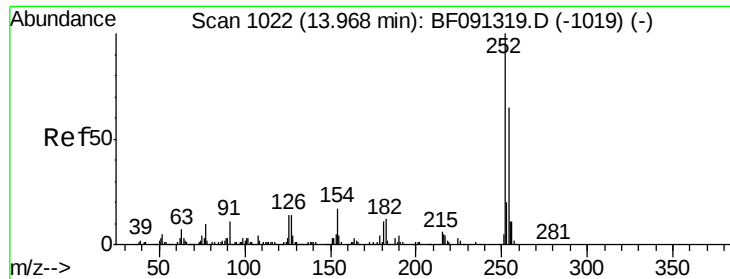


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

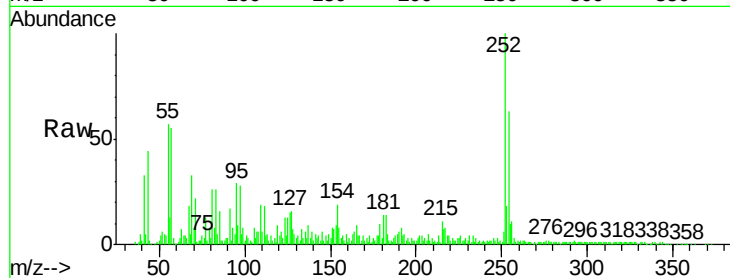




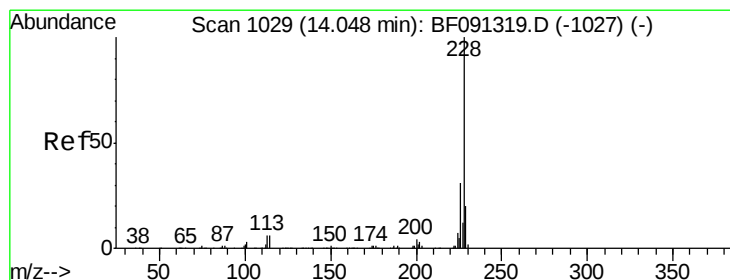
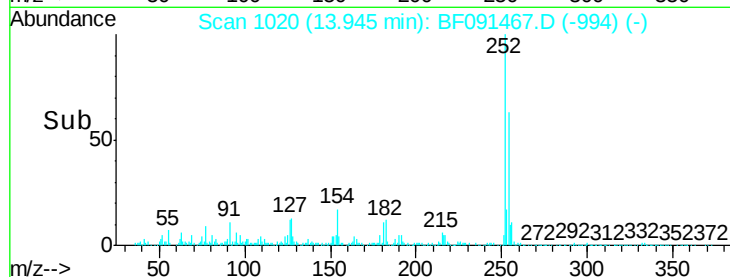
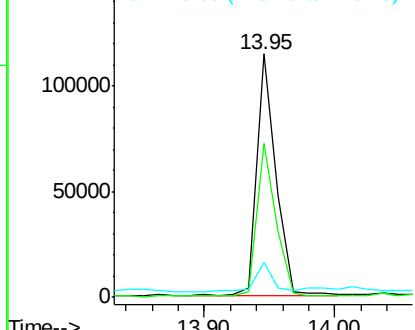
#81
 3,3'-Dichlorobenzidine
 Concen: 18.64 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion: 252 Resp: 116908
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.1 78.1
 126 14.6 7.5 11.3#

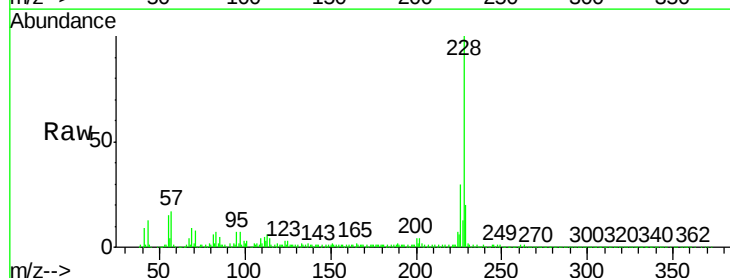


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

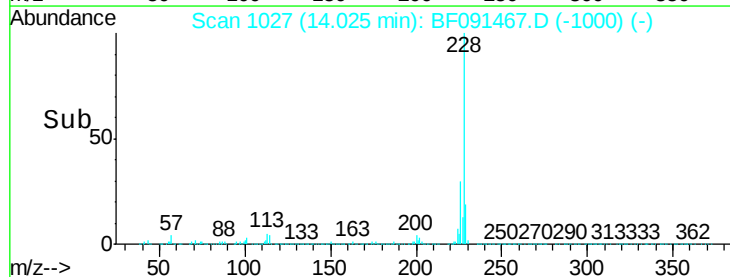
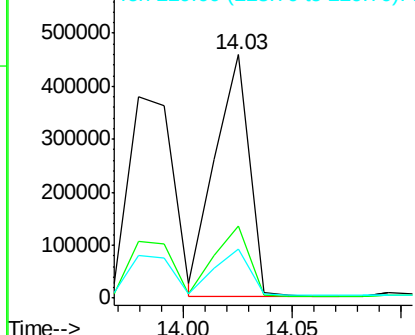


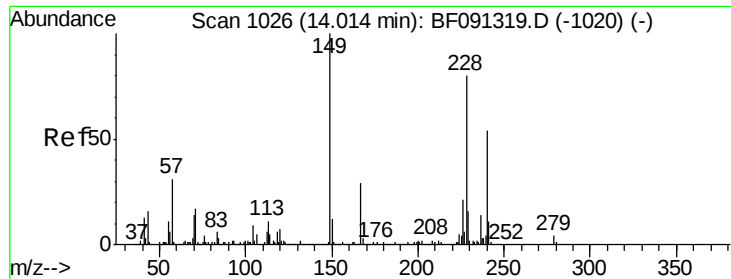
#82
 Chrysene
 Concen: 28.27 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion: 228 Resp: 498104
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.4
 229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

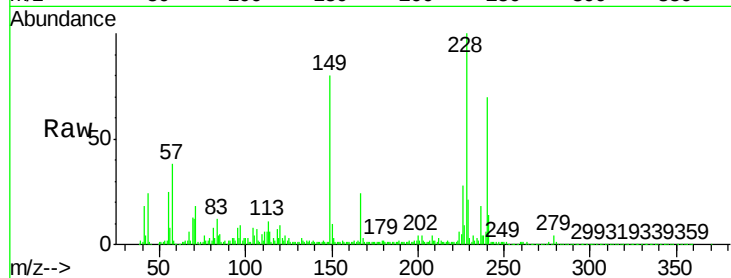




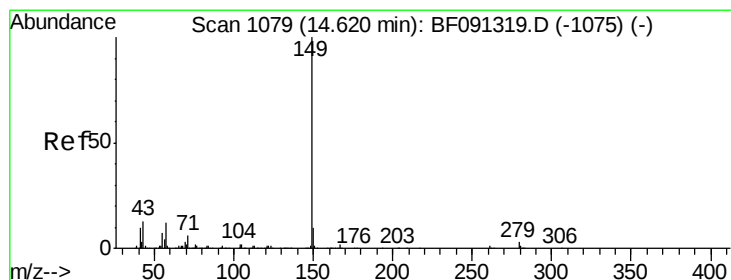
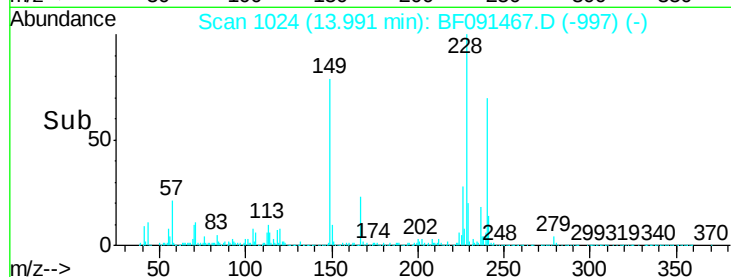
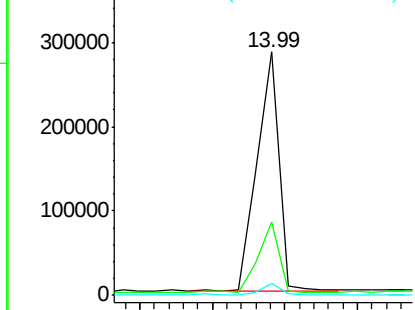
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.10 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion:149 Resp: 297202
 Ion Ratio Lower Upper
 149 100
 167 30.0 19.6 29.4#
 279 5.1 1.9 2.9#

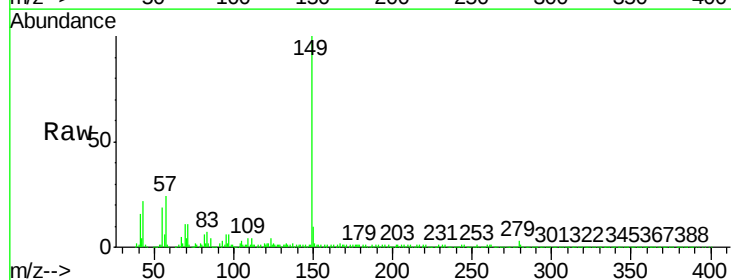


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

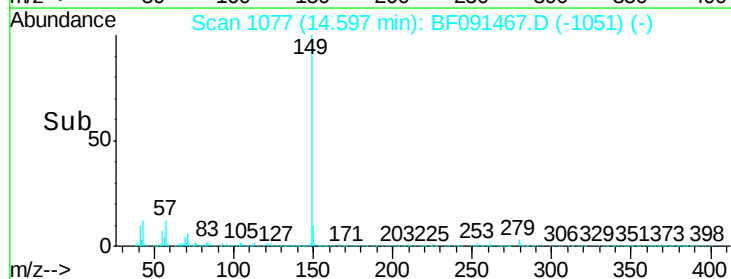
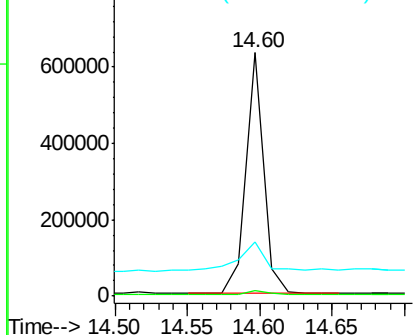


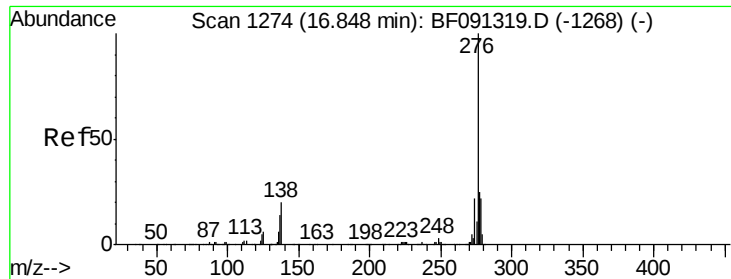
#84
 Di-n-octyl phthalate
 Concen: 32.32 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion:149 Resp: 536365
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.3 1.9#
 43 19.4 11.9 17.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

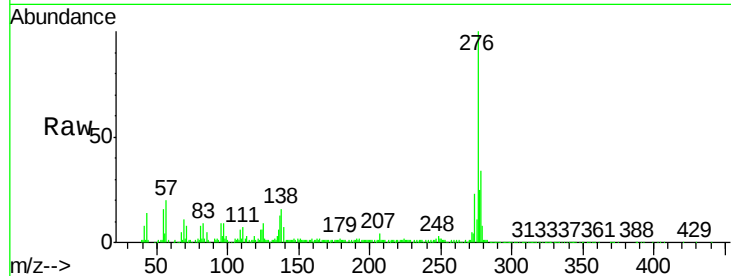




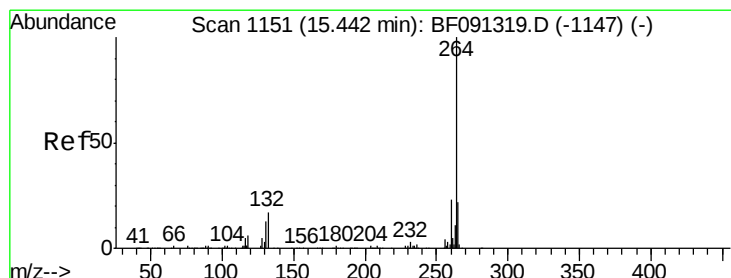
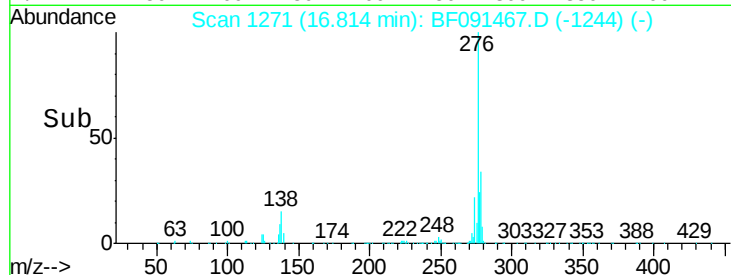
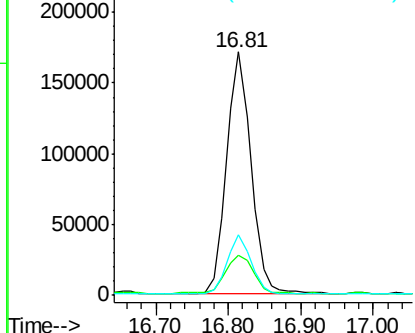
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.02 ng
 RT: 16.81 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion:276 Resp: 403675
 Ion Ratio Lower Upper
 276 100
 138 17.8 21.0 31.4#
 277 24.4 20.2 30.2

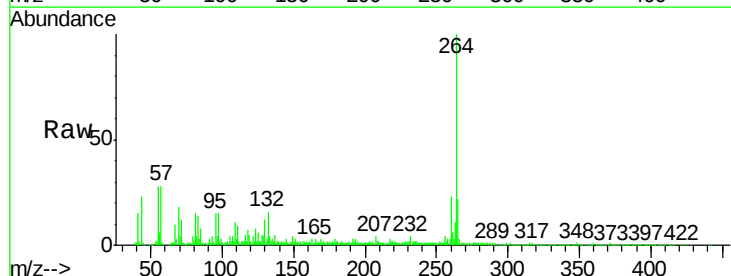


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

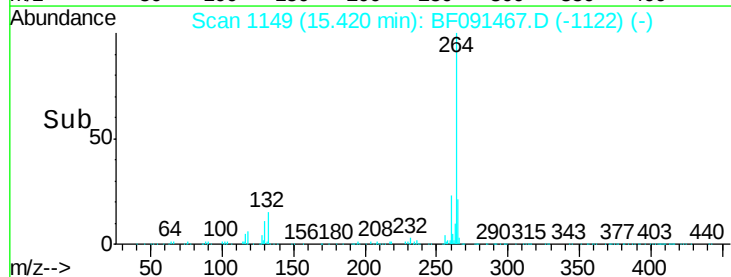
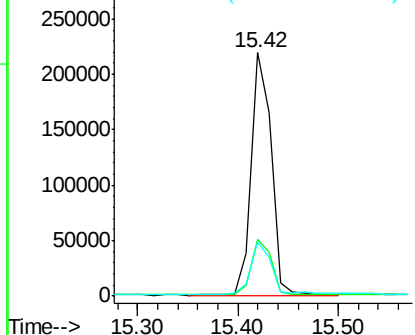


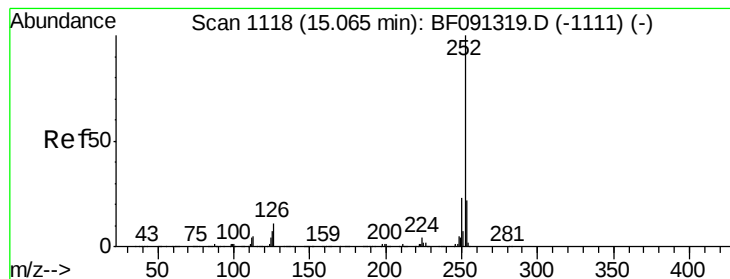
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. 0.01 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt Ion:264 Resp: 301701
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.3 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.01 ng m

RT: 15.02 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

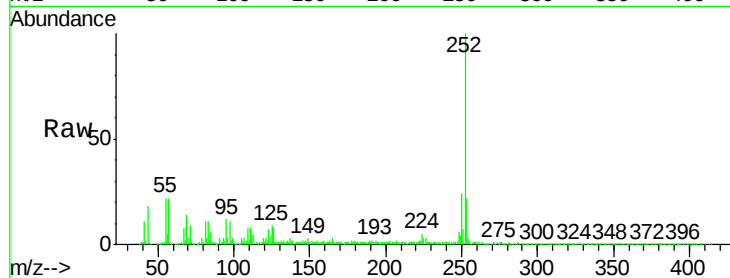
Tgt Ion:252 Resp: 600338

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

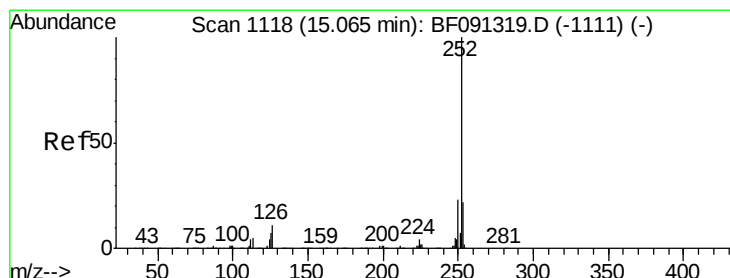
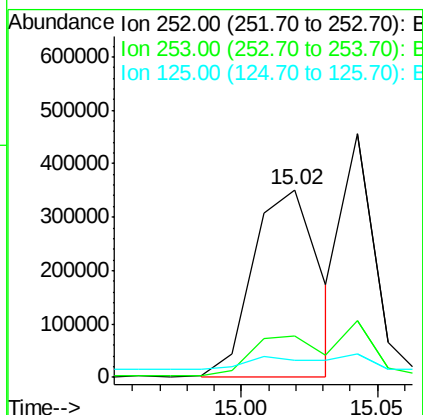
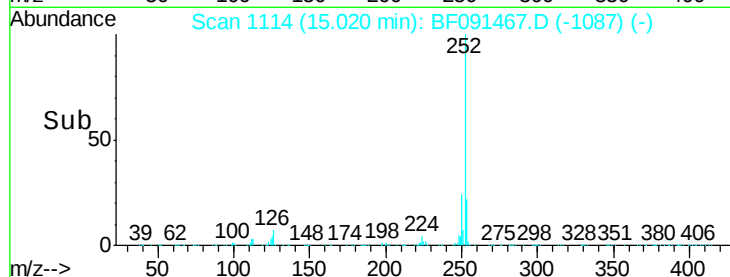
125 9.0 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 23.48 ng m

RT: 15.04 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

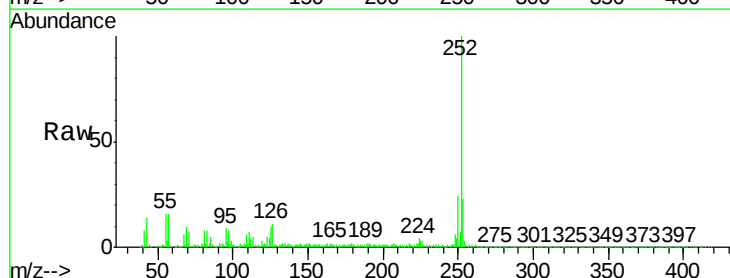
Tgt Ion:252 Resp: 370294

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

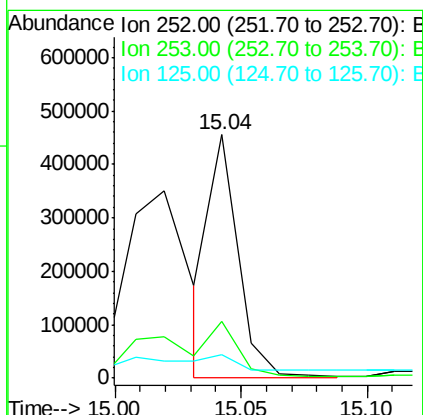
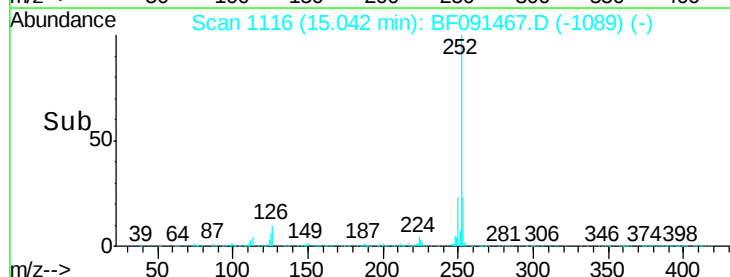
125 9.8 9.6 14.4

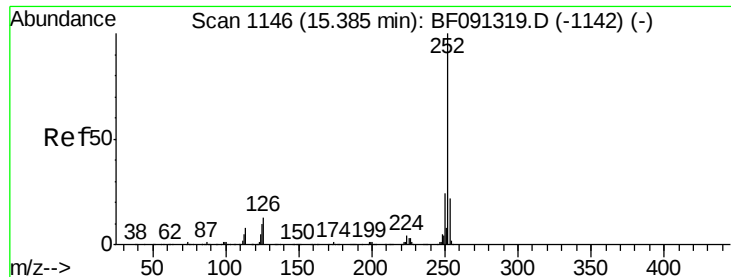


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

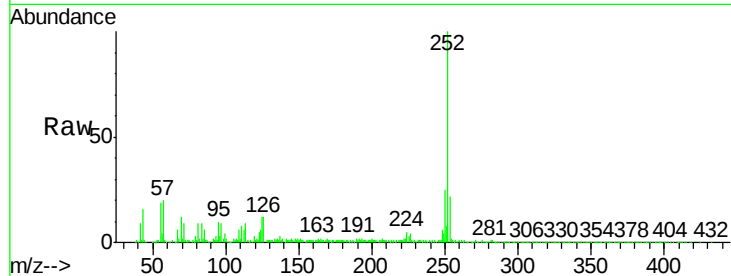




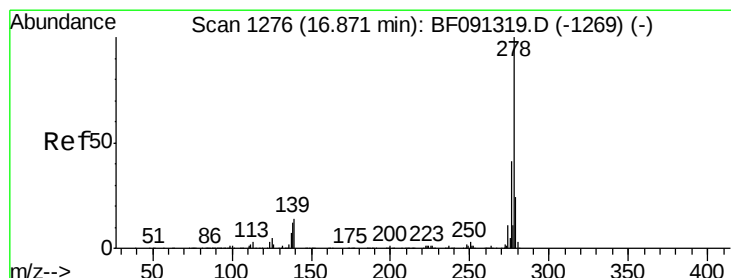
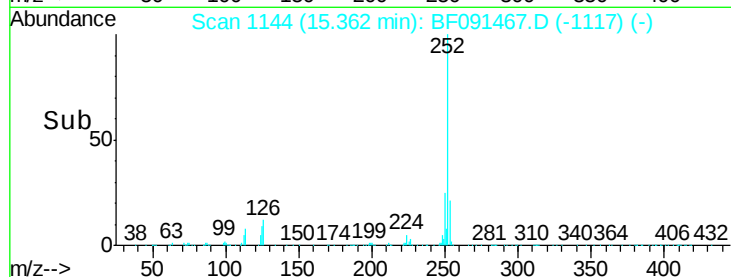
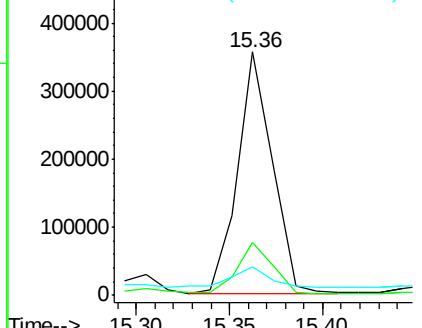
#89
Benzo(a)pyrene
Concen: 27.51 ng
RT: 15.36 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

Tgt Ion:252 Resp: 463348
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.8 10.4 15.6

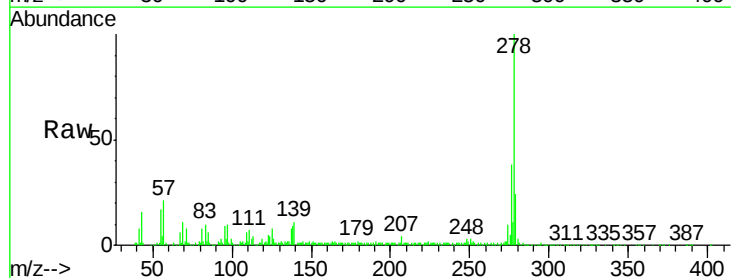


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

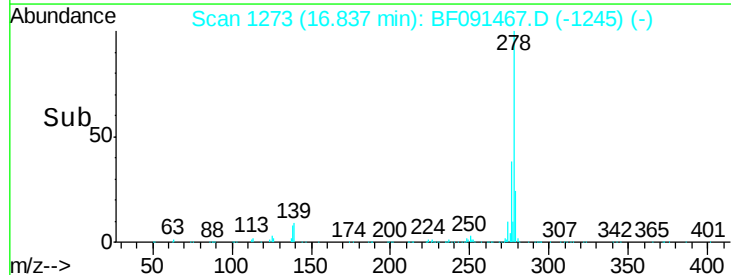
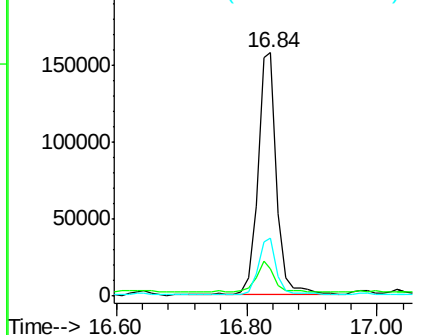


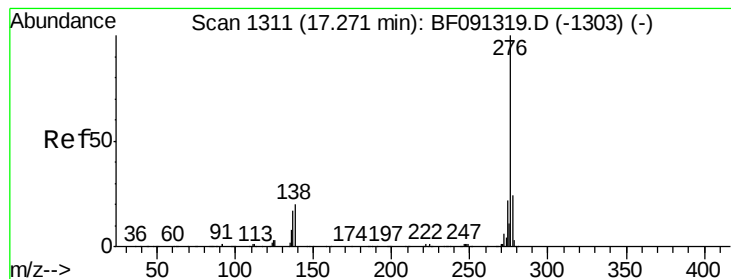
#90
Dibenzo(a,h)anthracene
Concen: 20.57 ng
RT: 16.84 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion:278 Resp: 320354
Ion Ratio Lower Upper
278 100
139 11.1 15.1 22.7#
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 20.03 ng

RT: 17.23 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF091467.D

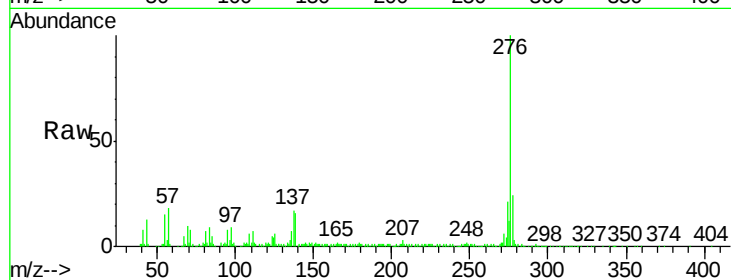
Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD



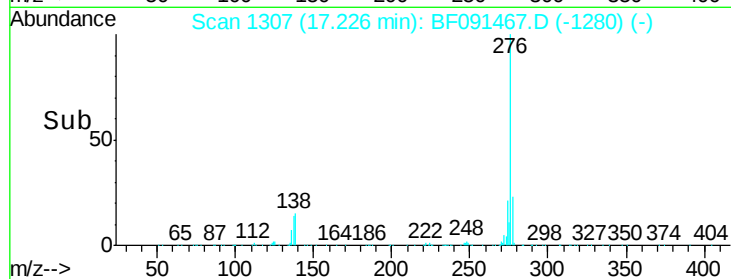
Tgt Ion: 276 Resp: 321732

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 16.3 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

