

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 00:03:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	267940	20.00	ng	0.12
21) Naphthalene-d8	8.13	136	495450	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	266656	20.00	ng	-0.04
63) Phenanthrene-d10	11.36	188	398916	20.00	ng	-0.04
75) Chrysene-d12	13.99	240	304468	20.00	ng	-0.05
86) Perylene-d12	15.42	264	301701	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	577084	35.18	ng	-0.03
7) Phenol-d6	6.48	99	778190	38.54	ng	-0.02
23) Nitrobenzene-d5	7.41	82	524148	59.29	ng	-0.04
41) 2,4,6-Tribromophenol	10.66	330	174853	69.26	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	809467	54.96	ng	-0.04
78) Terphenyl-d14	12.94	244	582577	41.59	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	69992	9.43	ng	# 78
3) Pyridine	3.20	79	195429	9.31	ng	# 76
4) n-Nitrosodimethylamine	3.14	42	136536	12.39	ng	91
8) 2-Chlorophenol	6.63	128	224763	12.50	ng	99
10) Phenol	6.49	94	325943	13.72	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	201277	11.86	ng	91
12) 1,3-Dichlorobenzene	6.86	146	242127	12.10	ng	97
13) 1,4-Dichlorobenzene	7.02	146	225800	11.35	ng	98
14) 1,2-Dichlorobenzene	7.02	146	225800	12.18	ng	93
15) Benzyl Alcohol	6.98	79	236659	14.65	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	415506	11.38	ng	73
17) 2-Methylphenol	7.25	107	231008	16.25	ng	# 56
18) Hexachloroethane	7.36	117	86762	12.28	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	155122	12.20	ng	# 70
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
42) 2,4,6-Trichlorophenol	9.12	196	149462	30.59	ng	96
43) 2,4,5-Trichlorophenol	9.16	196	116126	23.72	ng	# 80
45) 1,1'-Biphenyl	9.30	154	543147	28.33	ng	95

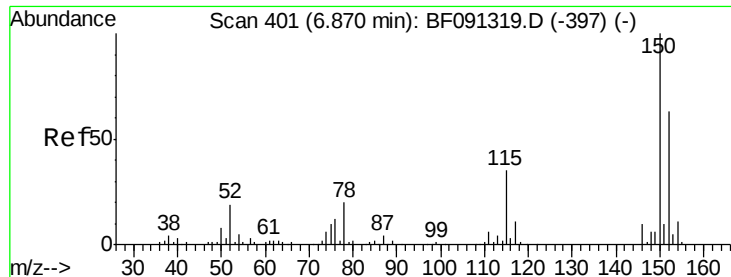
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.33	162	379865	26.60	ng	99
47) 2-Nitroaniline	9.42	65	137945	26.90	ng	# 76
48) Acenaphthylene	9.74	152	548364	24.39	ng	98
49) Dimethylphthalate	9.60	163	576079	35.68	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	15.04	252	961083	51.25	ng	98
88) Benzo(k)fluoranthene	15.04	252	961083	60.95	ng	97
89) Benzo(a)pyrene	15.36	252	463348	27.51	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	321684	20.65	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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.12 min

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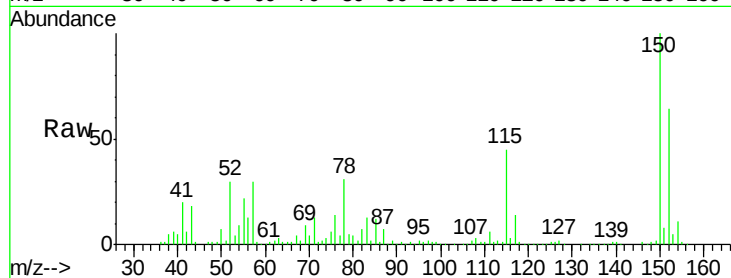
Tgt Ion:152 Resp: 267940

Ion Ratio Lower Upper

152 100

150 156.9 122.5 183.7

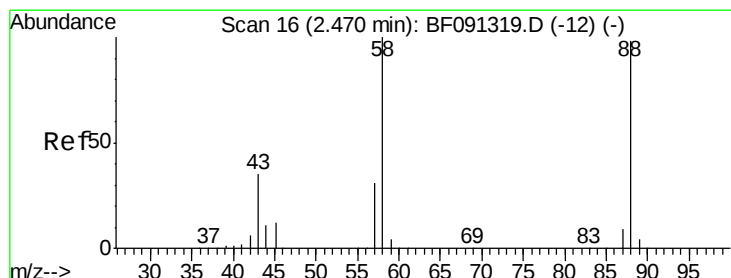
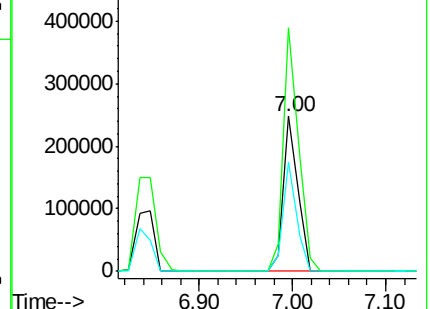
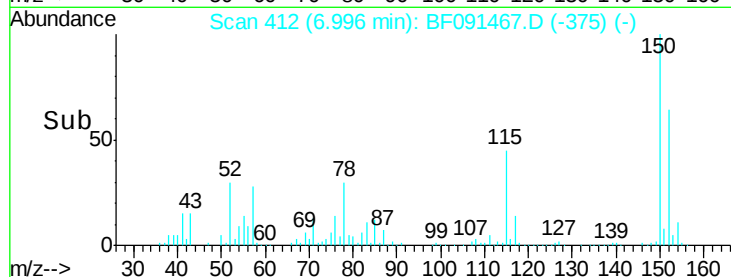
115 70.4 51.8 77.8



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



#2

1,4-Dioxane

Concen: 9.43 ng

RT: 2.49 min Scan# 18

Delta R.T. -0.01 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

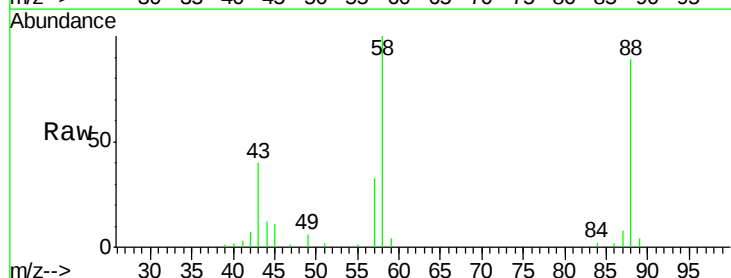
Tgt Ion: 88 Resp: 69992

Ion Ratio Lower Upper

88 100

58 113.1 70.3 105.5#

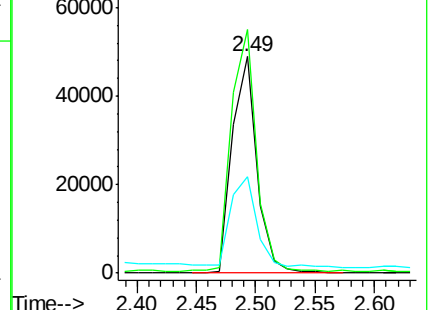
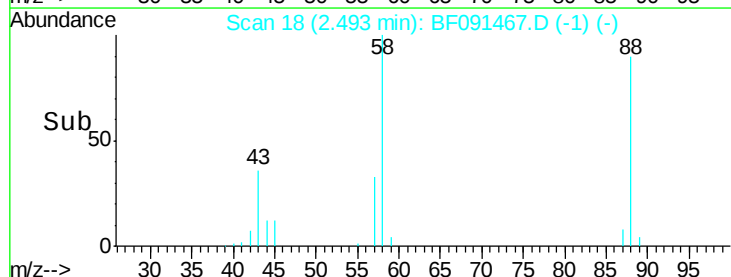
43 46.4 31.3 46.9

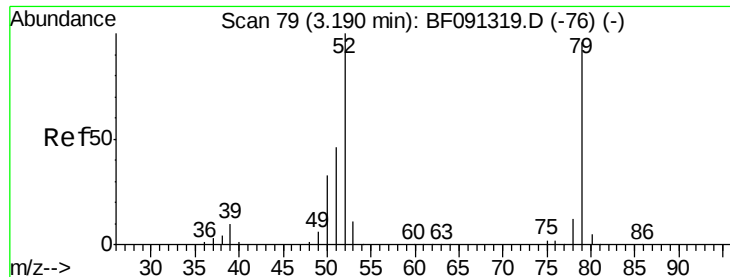


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 9.31 ng

RT: 3.20 min Scan# 80

Delta R.T. -0.02 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

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TP14-15-COMP2MSD

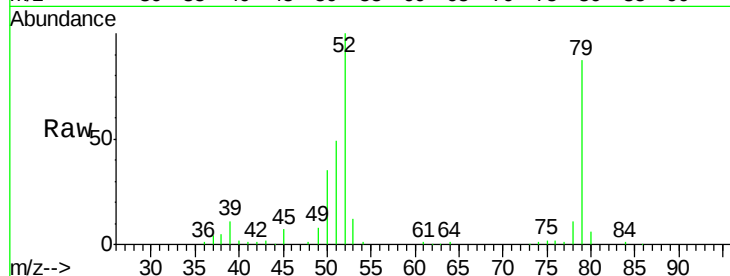
Tgt Ion: 79 Resp: 195429

Ion Ratio Lower Upper

79 100

52 115.3 71.0 106.4#

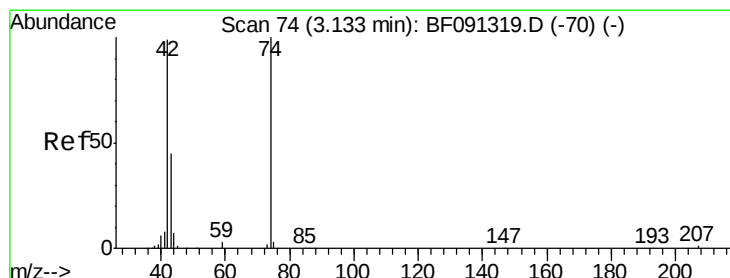
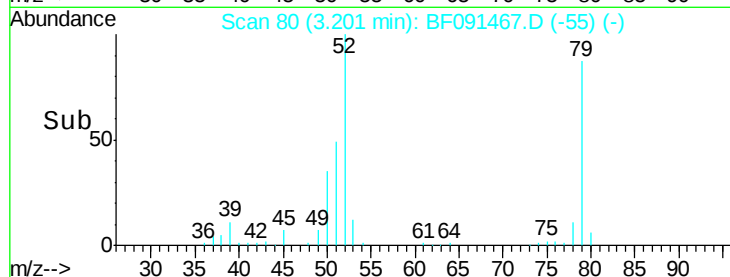
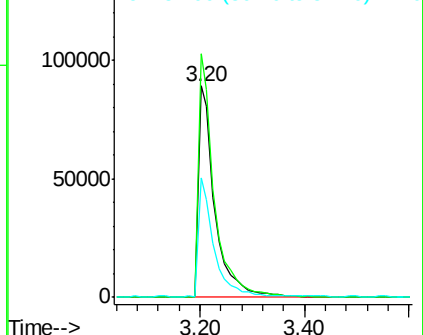
51 56.5 37.0 55.4#



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: 12.39 ng

RT: 3.14 min Scan# 75

Delta R.T. -0.03 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

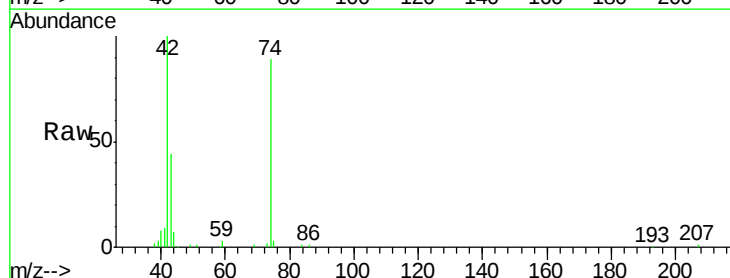
Tgt Ion: 42 Resp: 136536

Ion Ratio Lower Upper

42 100

74 88.9 78.9 118.3

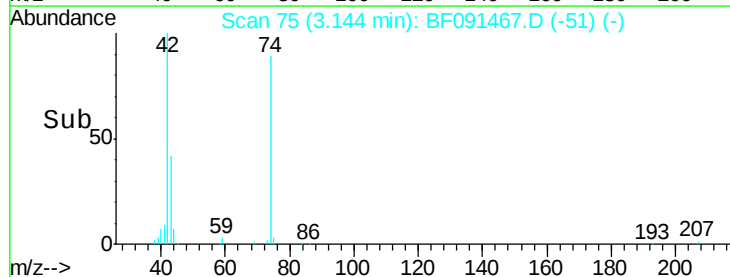
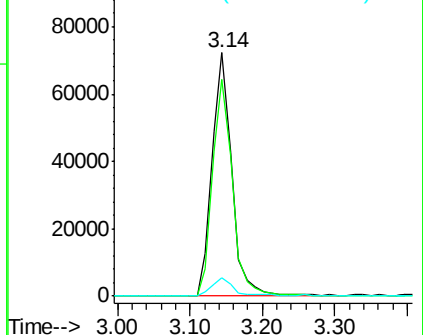
44 7.3 5.8 8.6

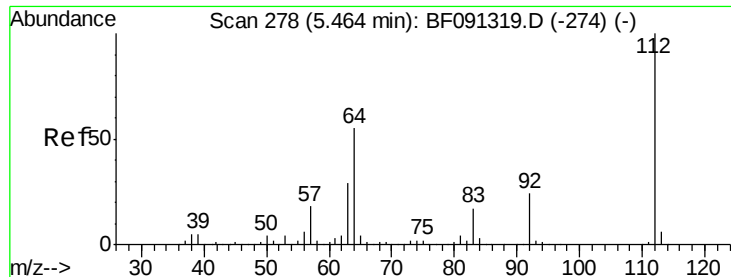


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

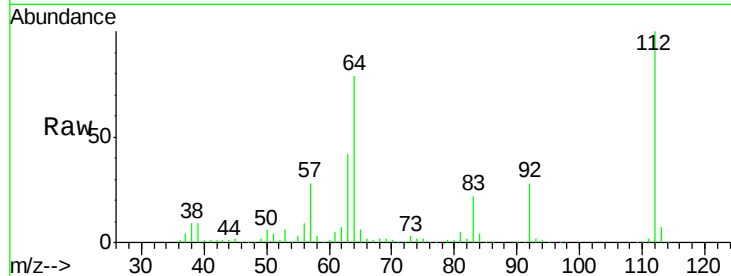




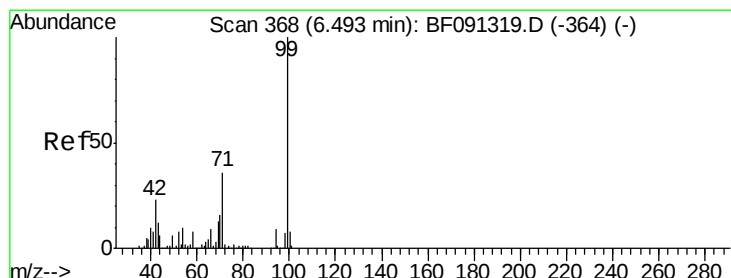
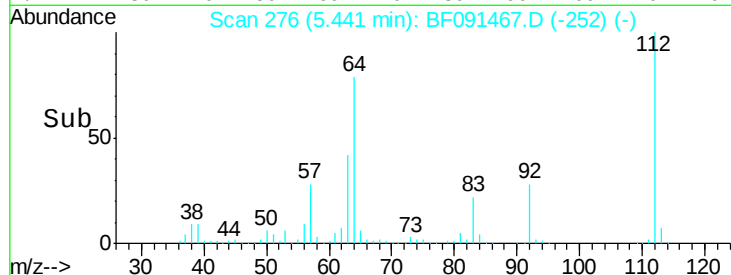
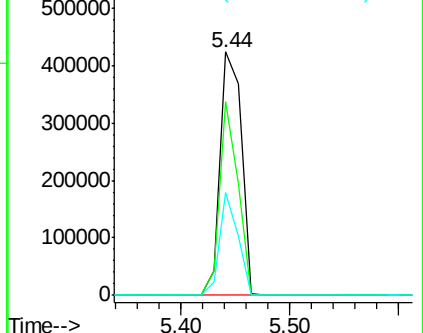
#5
 2-Fluorophenol
 Concen: 35.18 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
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 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

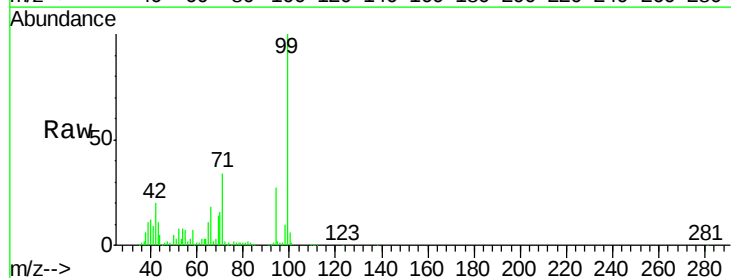


Abundance Ion 112.00 (111.70 to 112.70): B
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

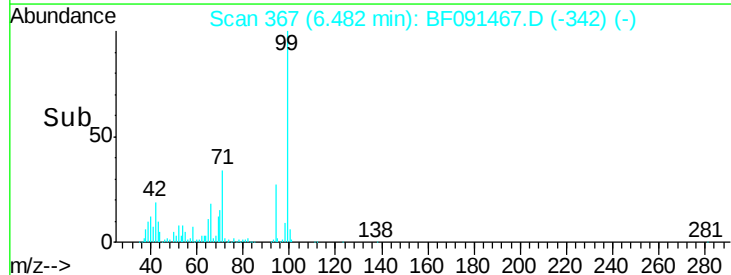
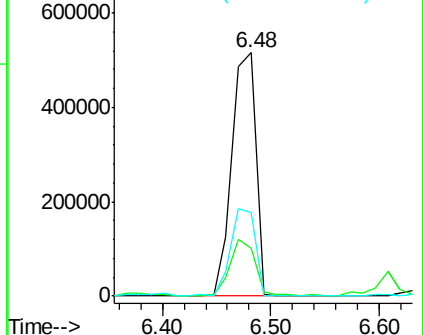


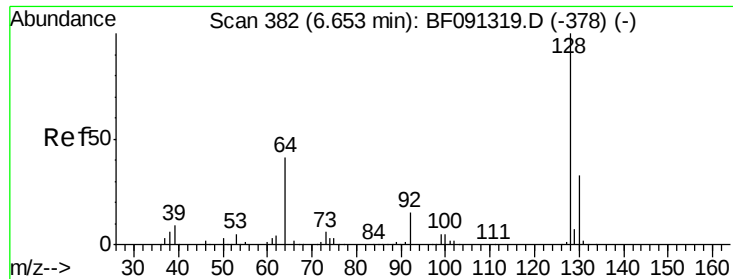
#7
 Phenol-d6
 Concen: 38.54 ng
 RT: 6.48 min Scan# 367
 Delta R.T. -0.02 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

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

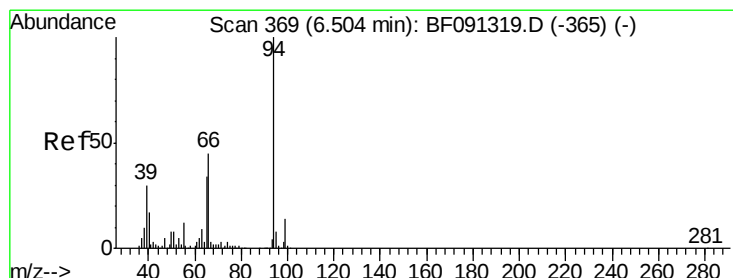
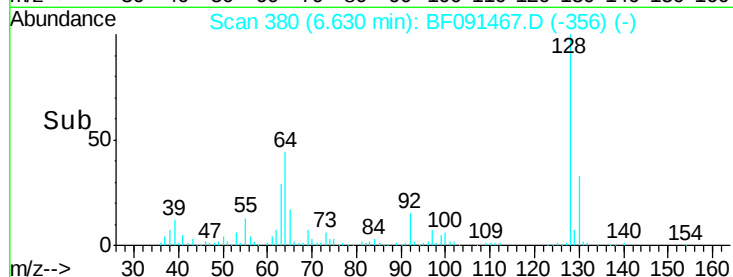
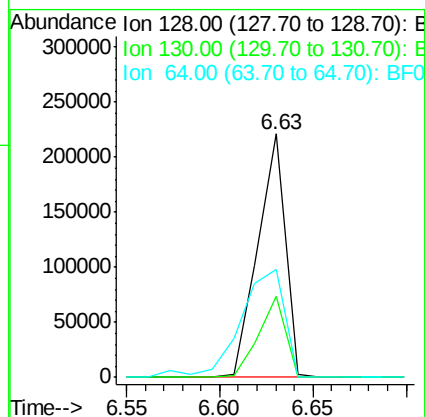
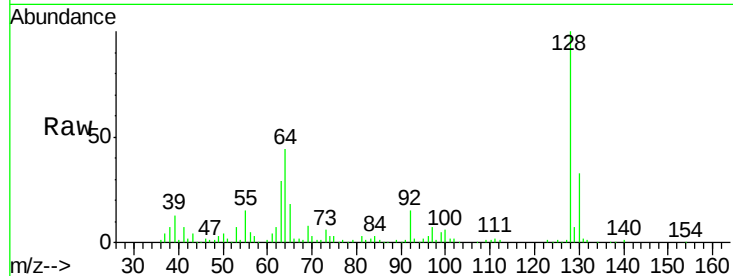




#8
 2-Chlorophenol
 Concen: 12.50 ng
 RT: 6.63 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

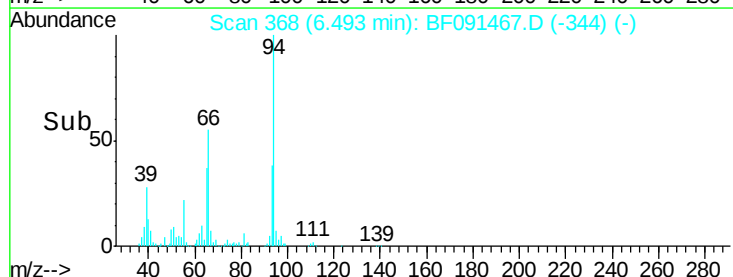
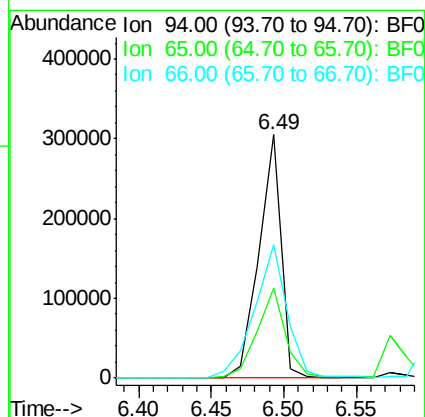
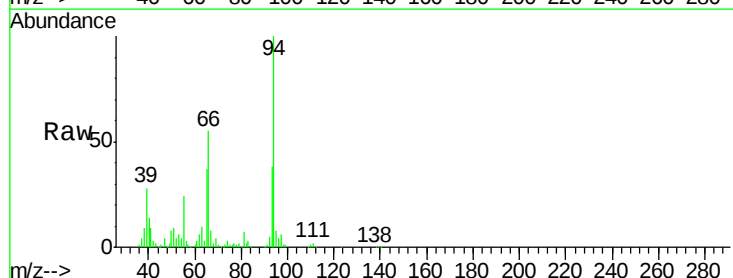
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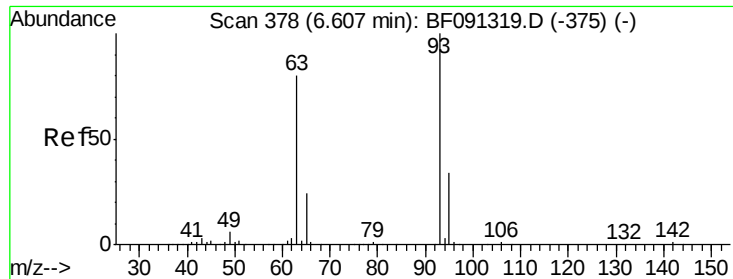
Tgt Ion: 128 Resp: 224763
 Ion Ratio Lower Upper
 128 100
 130 33.5 13.1 53.1
 64 44.4 24.1 64.1



#10
 Phenol
 Concen: 13.72 ng
 RT: 6.49 min Scan# 368
 Delta R.T. -0.03 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

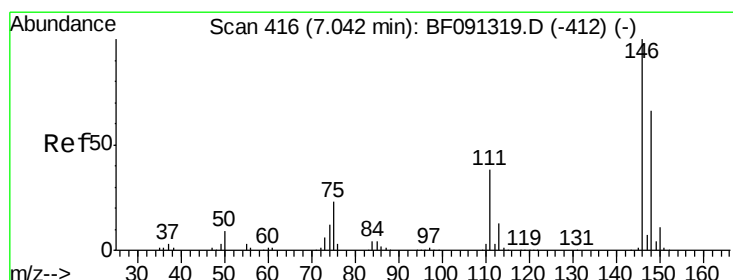
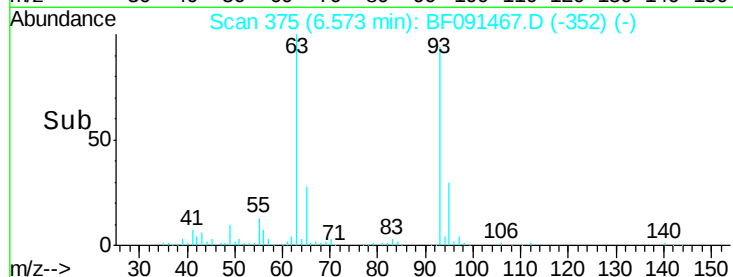
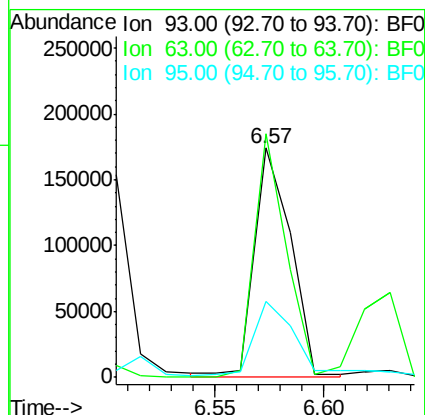
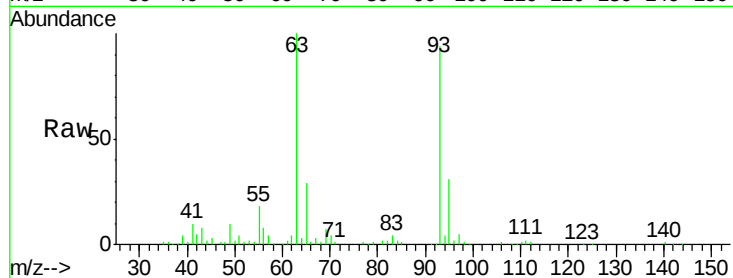




#11
bis(2-Chloroethyl)ether
Concen: 11.86 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

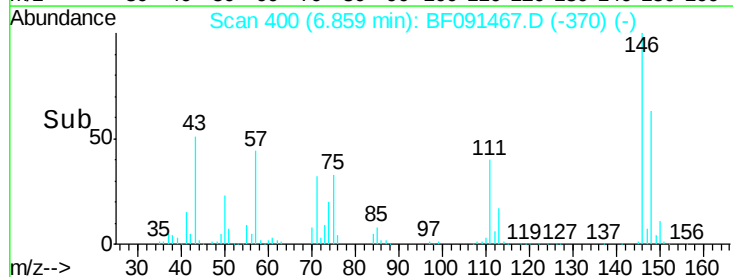
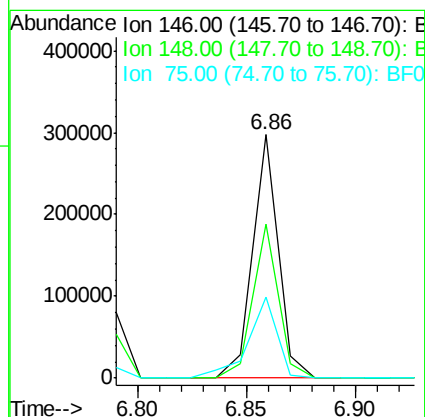
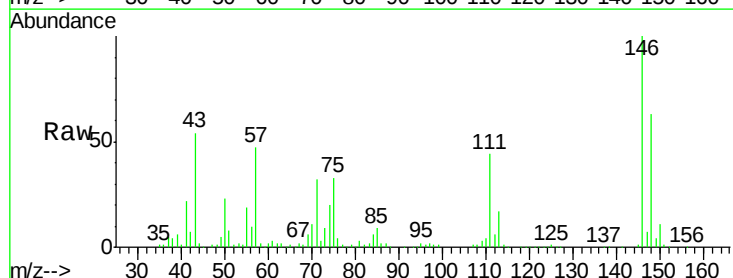
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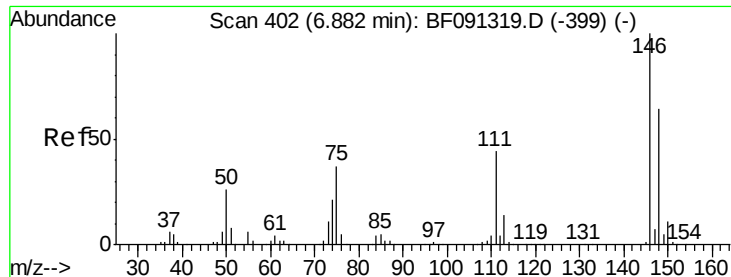
Tgt Ion: 93 Resp: 201277
Ion Ratio Lower Upper
93 100
63 106.2 74.8 114.8
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 12.10 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion: 146 Resp: 242127
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 33.2 23.6 35.4

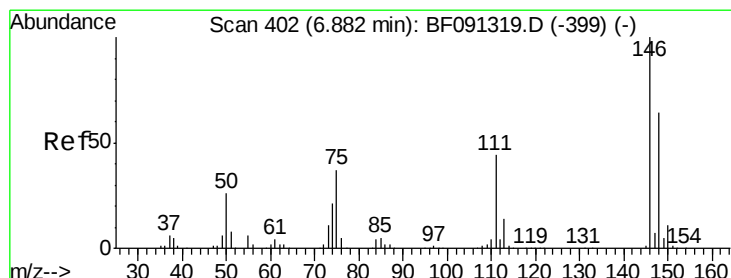
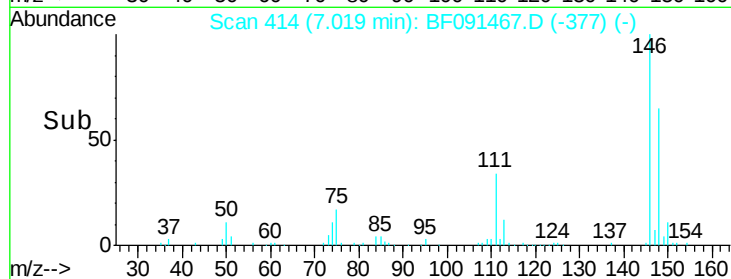
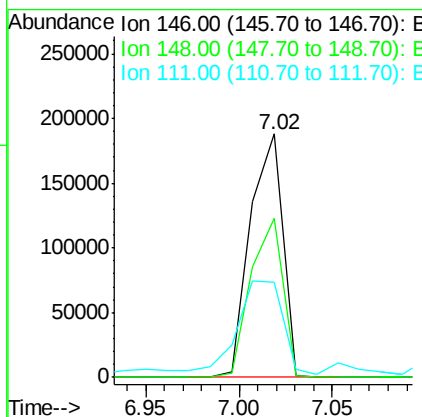
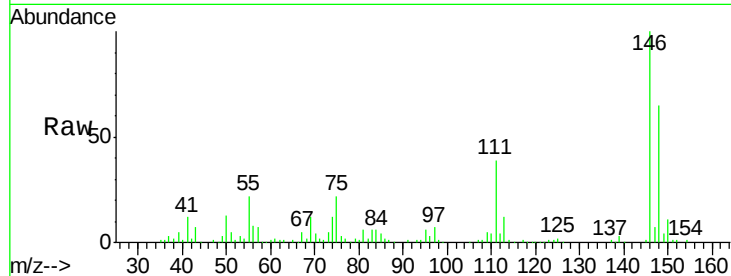




#13
 1,4-Dichlorobenzene
 Concen: 11.35 ng
 RT: 7.02 min Scan# 414
 Delta R.T. 0.12 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

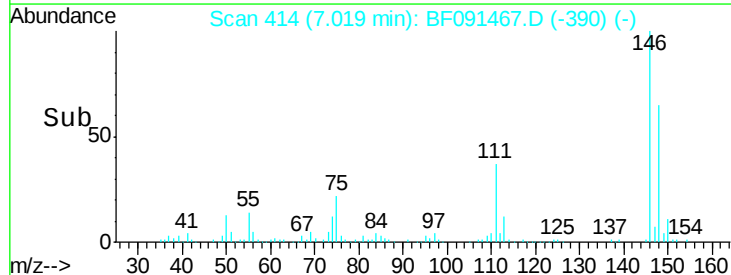
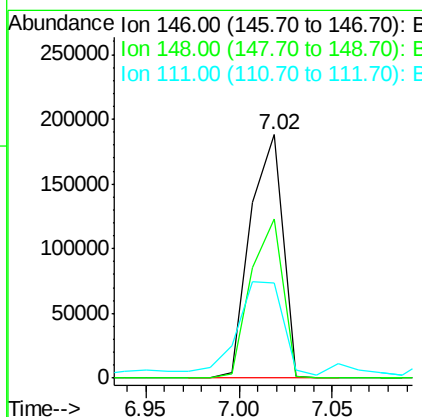
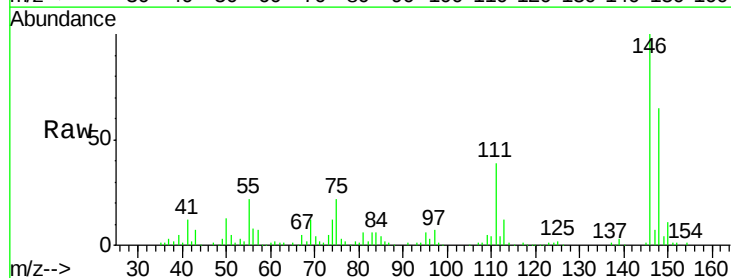
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

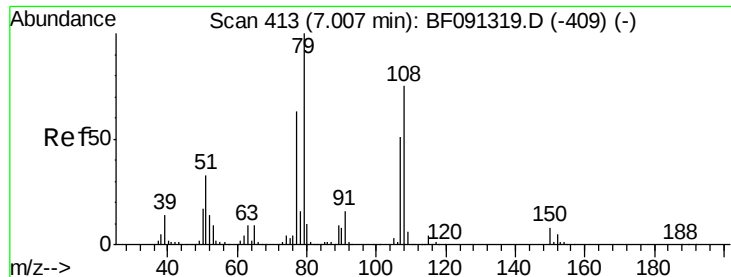
Tgt Ion:146 Resp: 225800
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.0
 111 39.0 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 12.18 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.03 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





#15

Benzyl Alcohol

Concen: 14.65 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

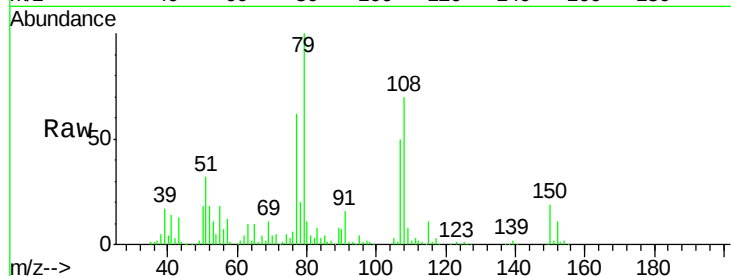
Tgt Ion: 79 Resp: 236659

Ion Ratio Lower Upper

79 100

108 69.7 62.7 94.1

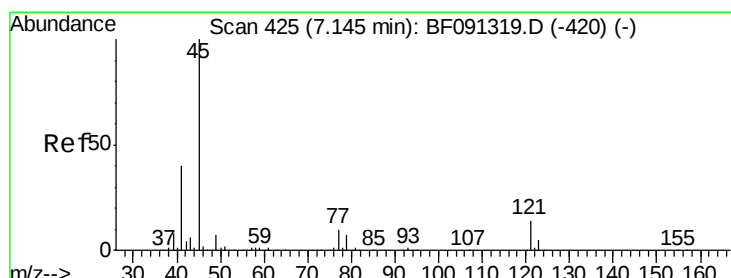
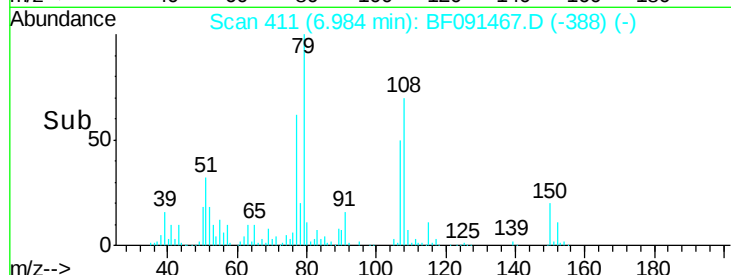
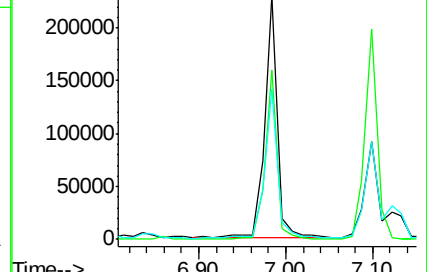
77 61.9 51.7 77.5



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: 11.38 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

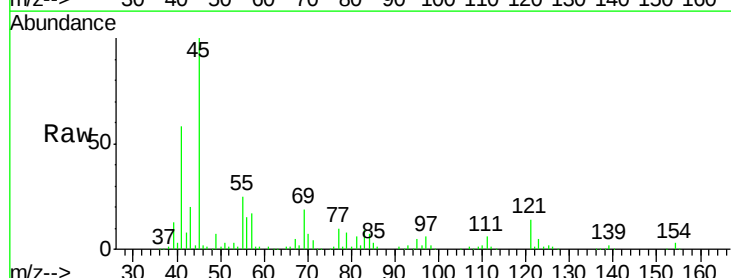
Tgt Ion: 45 Resp: 415506

Ion Ratio Lower Upper

45 100

77 10.2 3.8 43.8

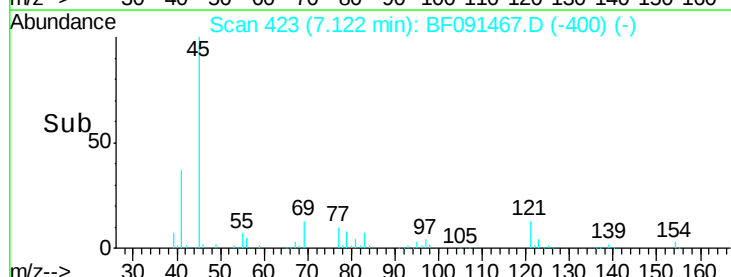
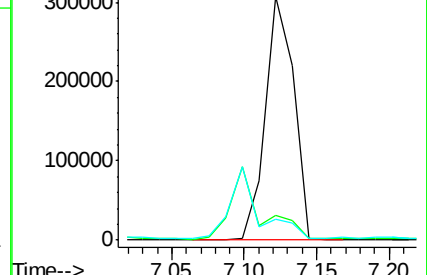
79 8.4 0.2 40.2

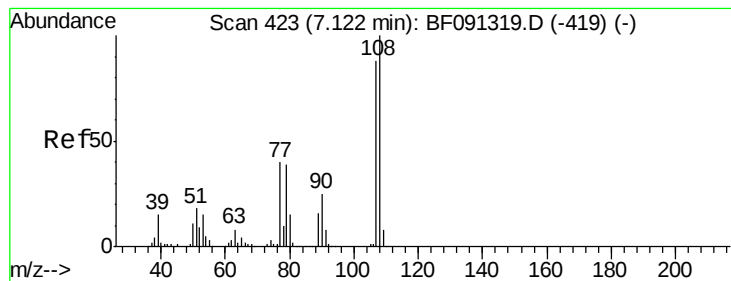


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 16.25 ng

RT: 7.25 min Scan# 434

Delta R.T. 0.12 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

Tgt Ion:107 Resp: 231008

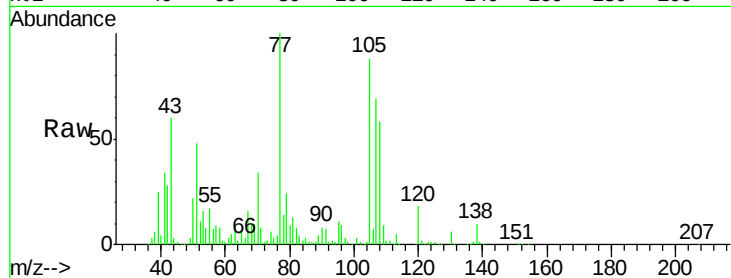
Ion Ratio Lower Upper

107 100

108 84.2 67.7 101.5

77 145.7 40.7 61.1#

79 35.3 23.4 35.2#

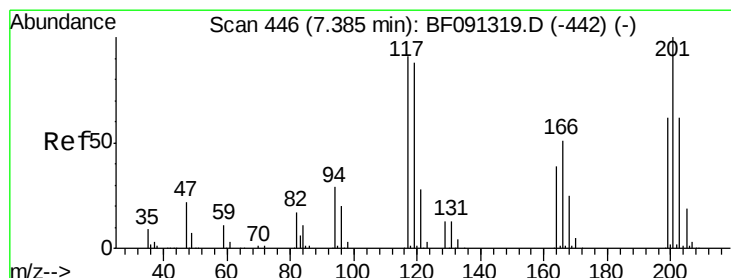
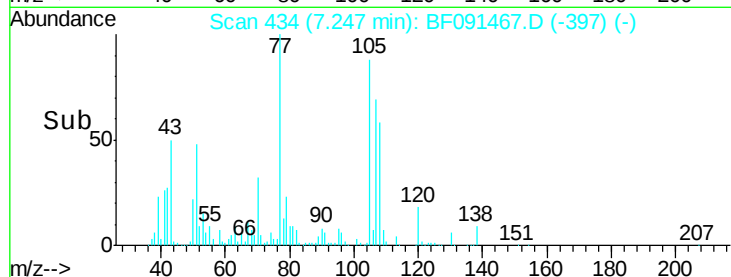
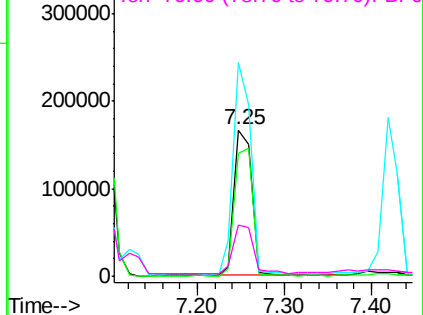


Abundance Ion 107.00 (106.70 to 107.70): E

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: 12.28 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

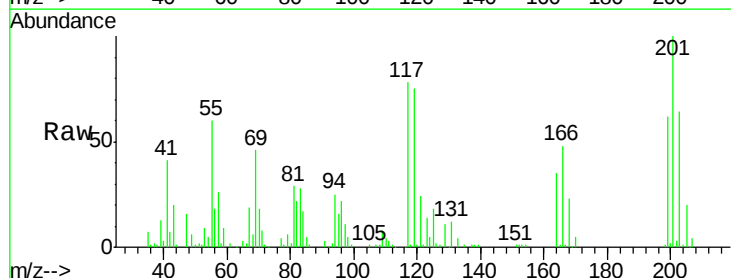
Tgt Ion:117 Resp: 86762

Ion Ratio Lower Upper

117 100

119 97.0 78.6 118.0

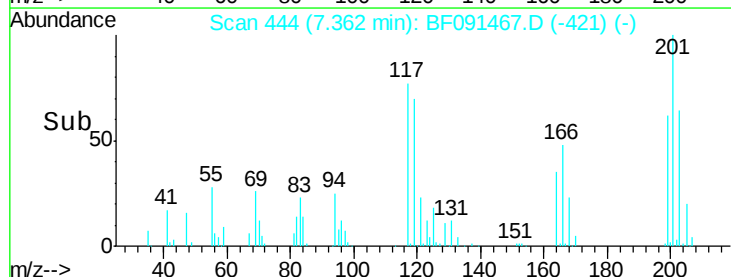
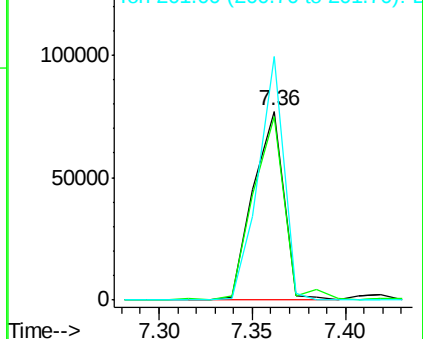
201 128.9 86.7 130.1

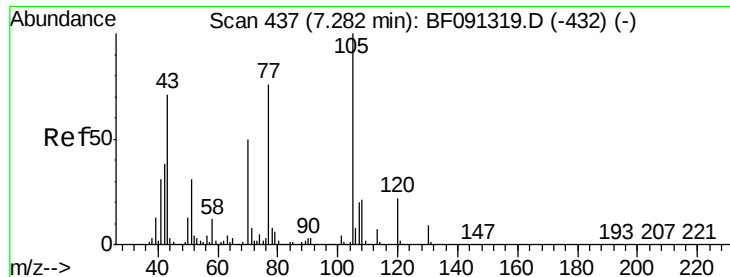


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

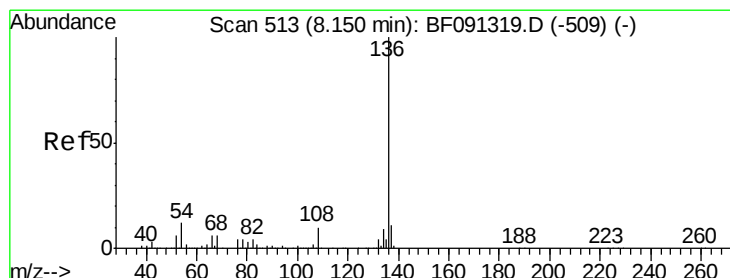
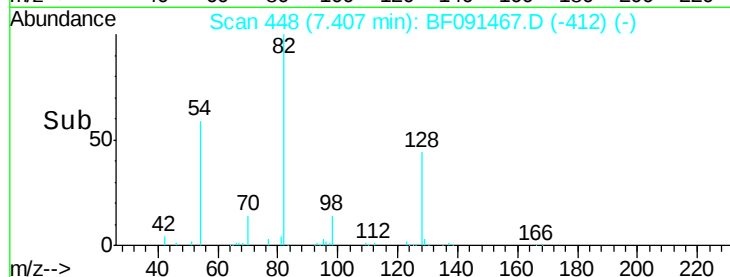
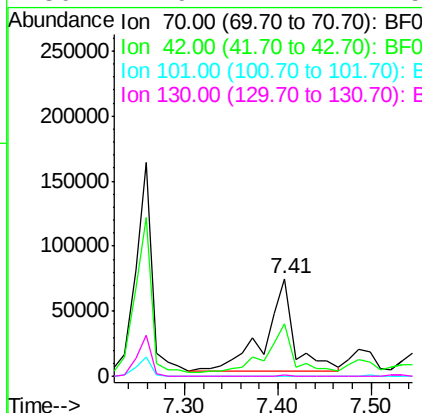
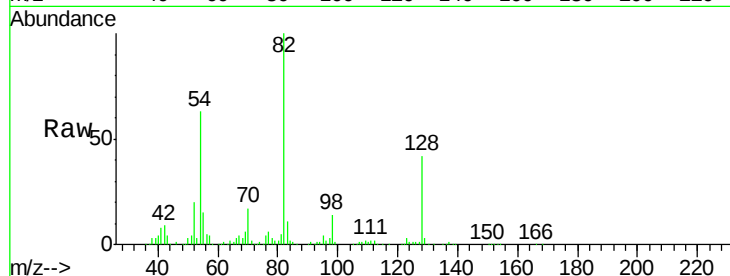




#19
n-Nitroso-di-n-propylamine
Concen: 12.20 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.11 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

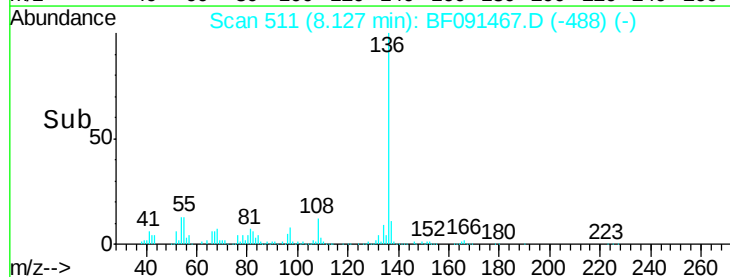
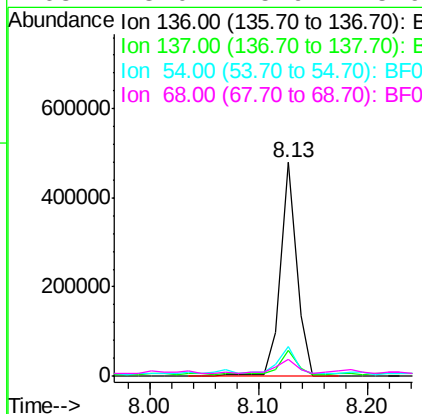
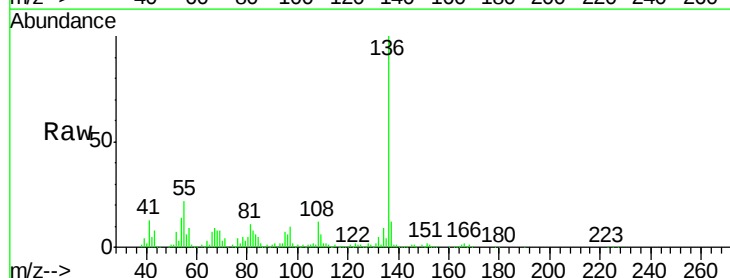
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

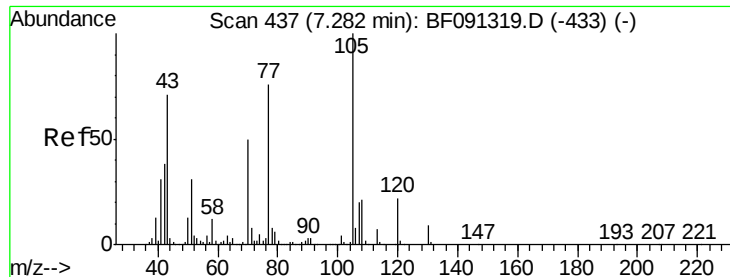
Tgt Ion: 70 Resp: 155122
Ion Ratio Lower Upper
70 100
42 53.3 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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

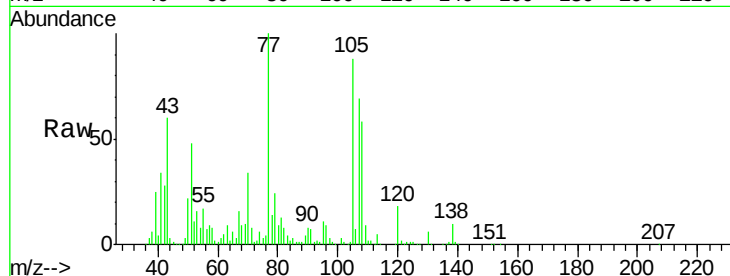




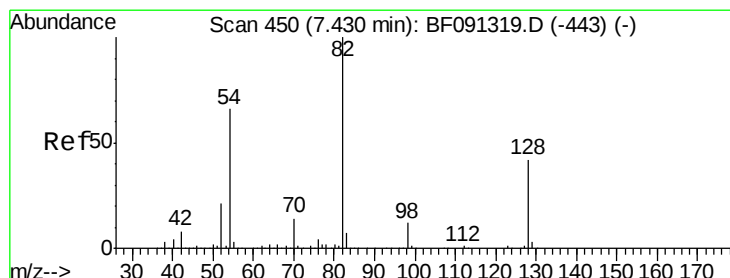
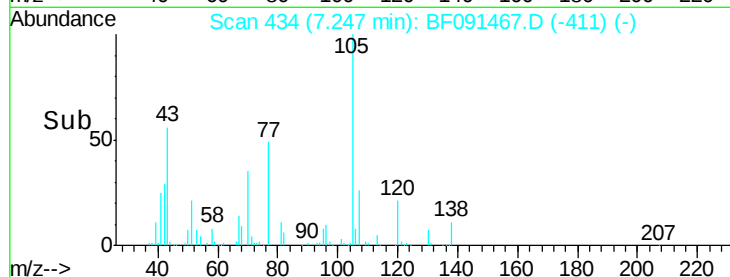
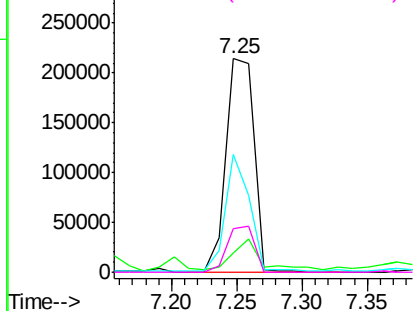
#22
Acetophenone
Concen: 27.16 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

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

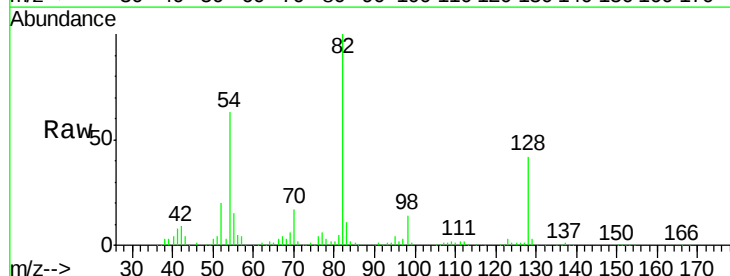


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

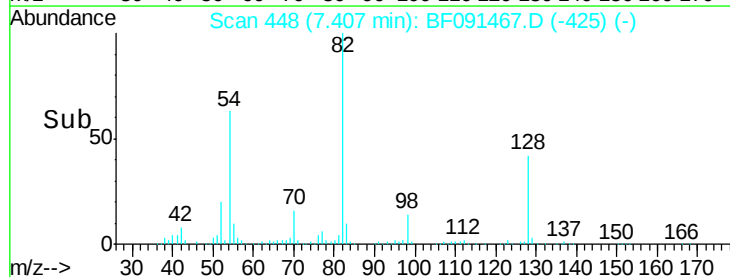
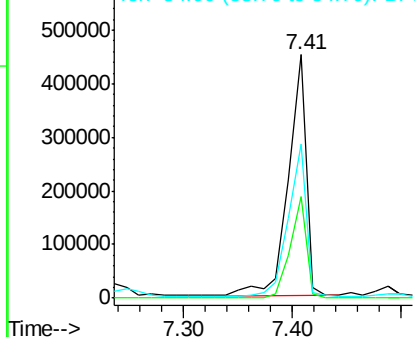


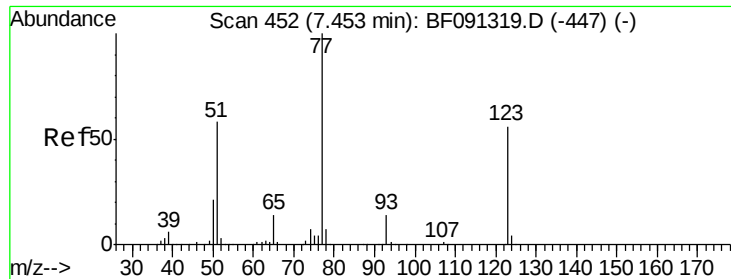
#23
Nitrobenzene-d5
Concen: 59.29 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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): E
Ion 54.00 (53.70 to 54.70): BF0

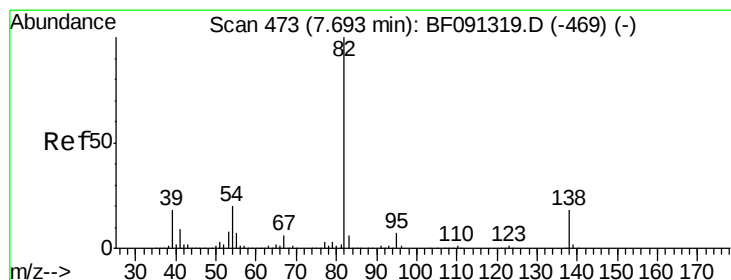
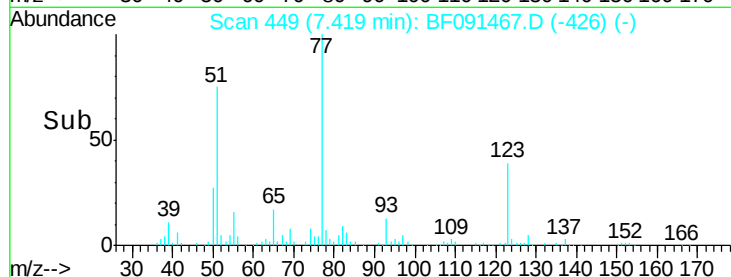
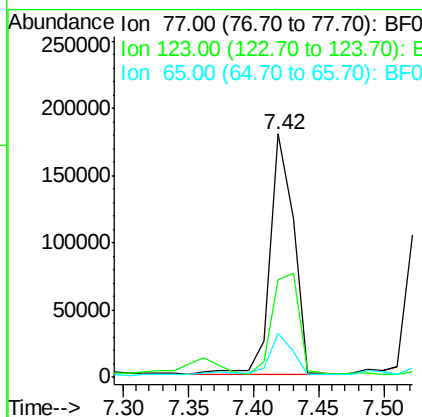
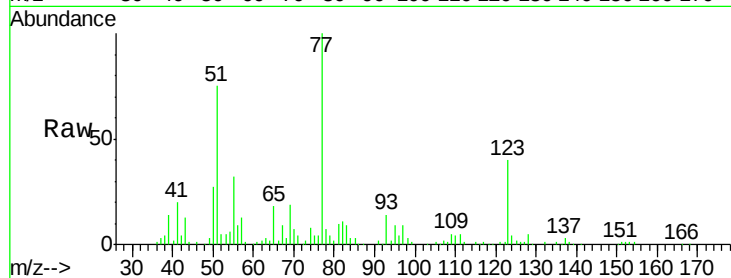




#24
 Nitrobenzene
 Concen: 25.23 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

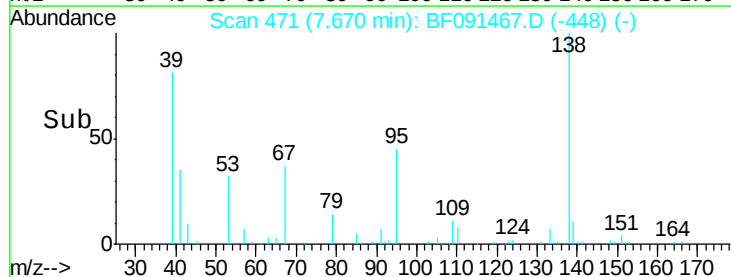
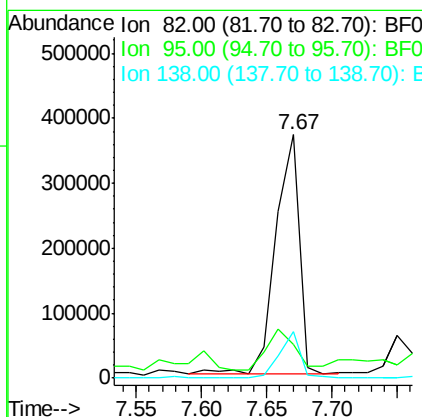
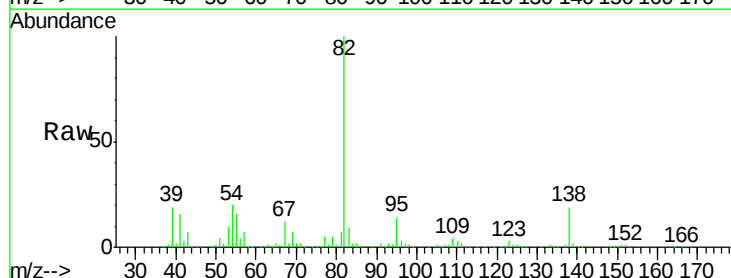
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

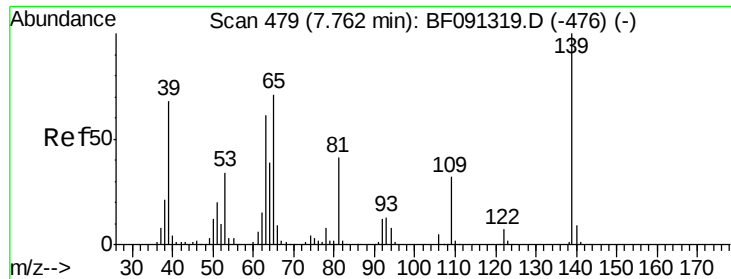
Tgt Ion: 77 Resp: 228340
 Ion Ratio Lower Upper
 77 100
 123 40.2 28.5 42.7
 65 17.9 12.5 18.7



#25
 Isophorone
 Concen: 29.84 ng
 RT: 7.67 min Scan# 471
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

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

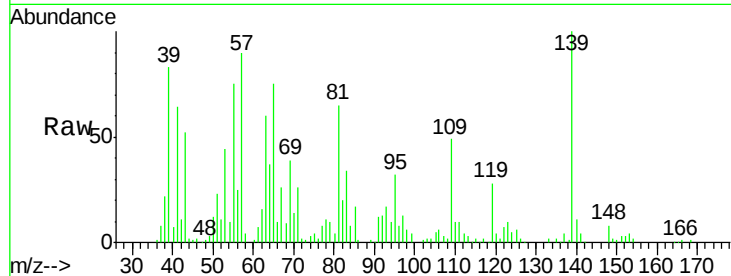




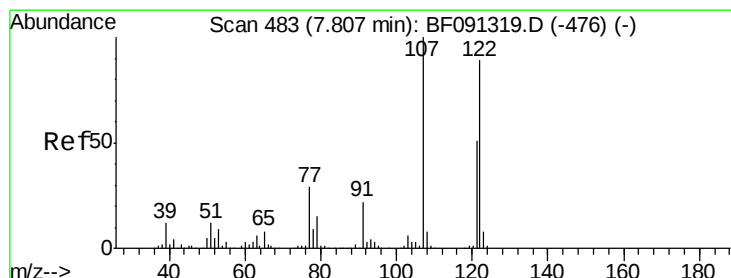
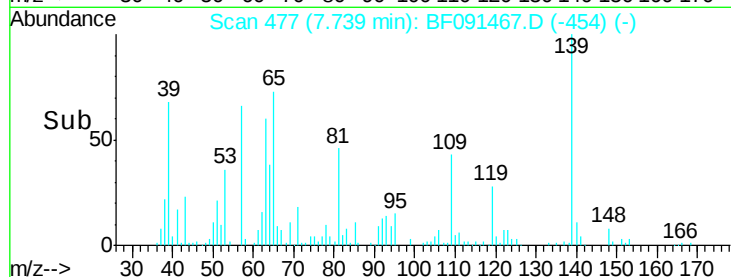
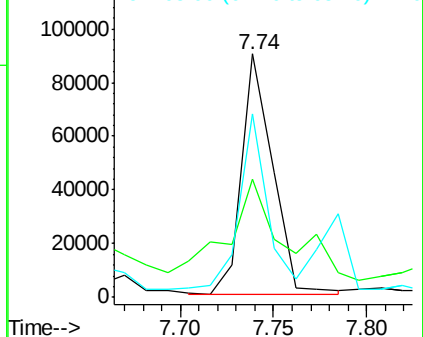
#26
 2-Nitrophenol
 Concen: 25.35 ng
 RT: 7.74 min Scan# 477
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

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

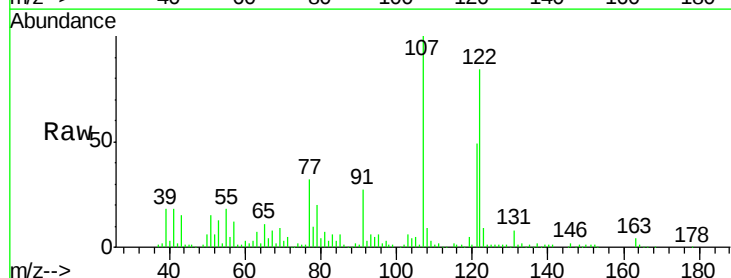


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

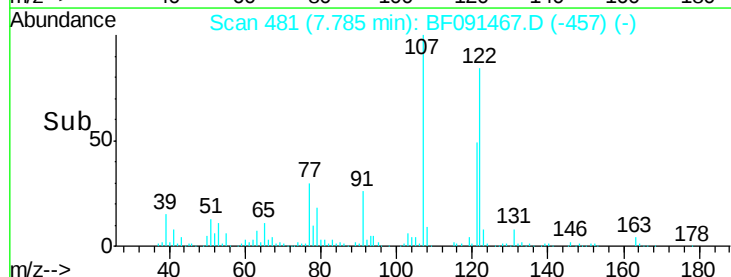
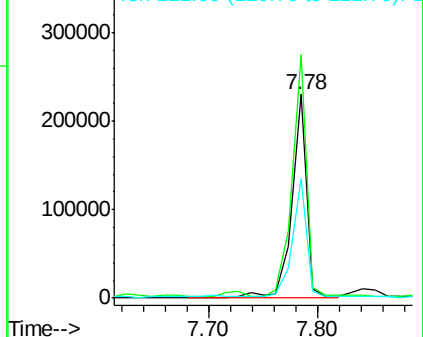


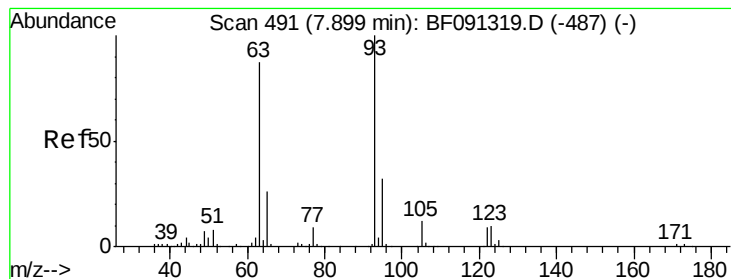
#27
 2,4-Dimethylphenol
 Concen: 28.02 ng
 RT: 7.78 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

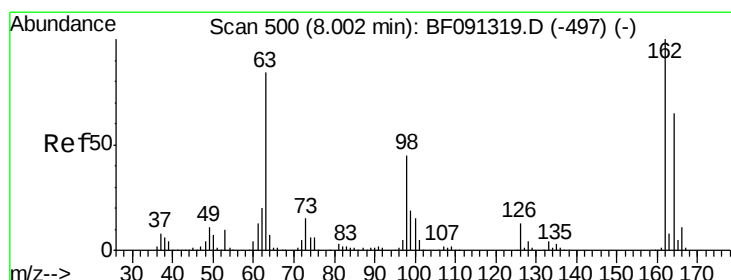
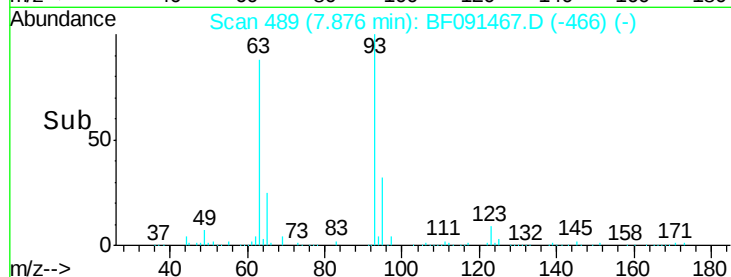
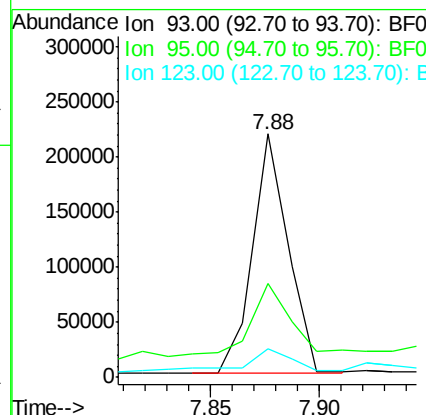
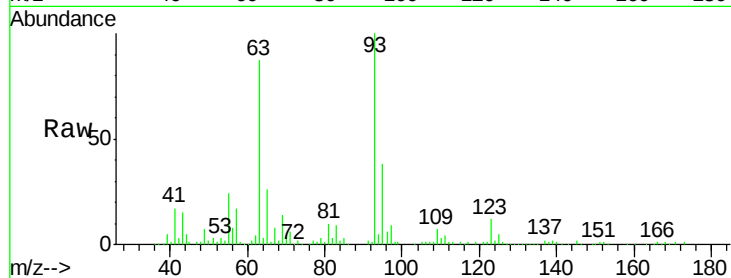
Tgt Ion: 93 Resp: 250040

Ion Ratio Lower Upper

93 100

95 38.4 26.0 39.0

123 11.9 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 27.81 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

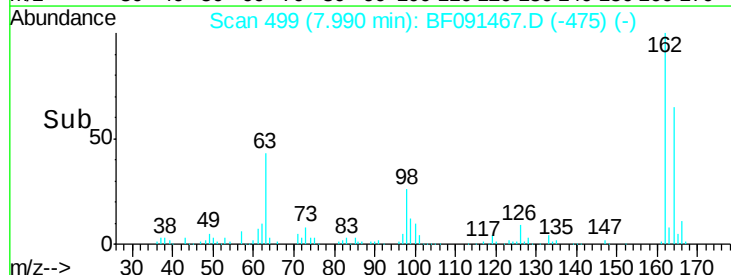
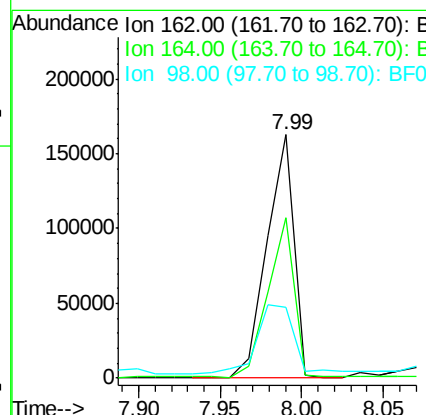
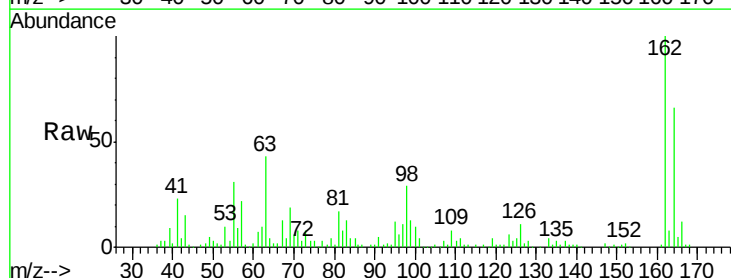
Tgt Ion: 162 Resp: 188766

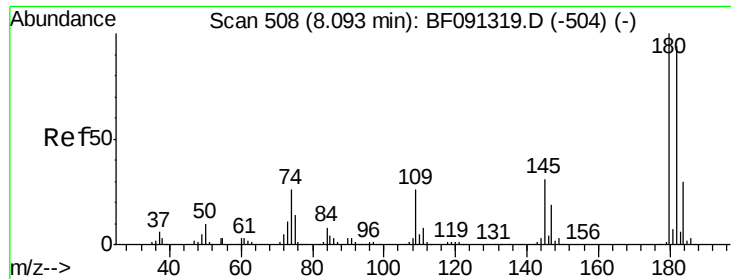
Ion Ratio Lower Upper

162 100

164 66.1 45.0 85.0

98 29.1 21.3 61.3

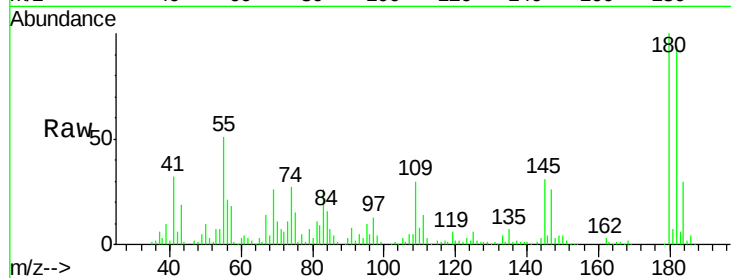




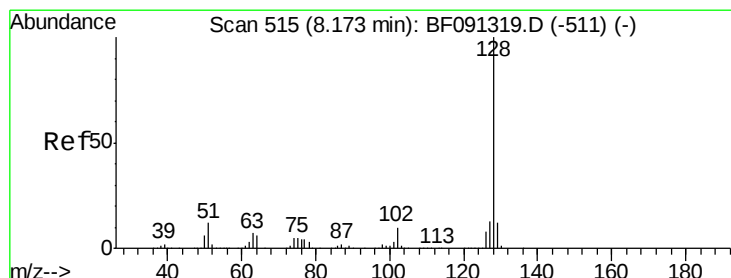
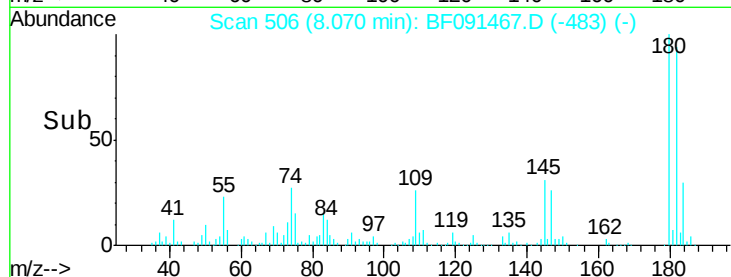
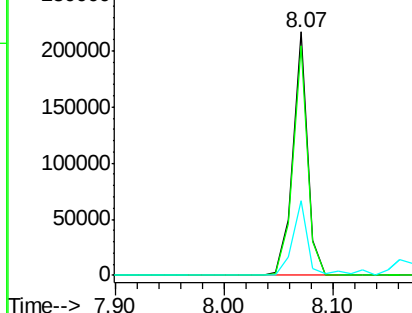
#30
 1,2,4-Trichlorobenzene
 Concen: 27.36 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

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

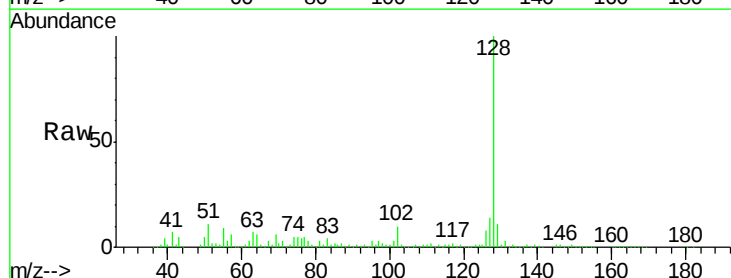


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

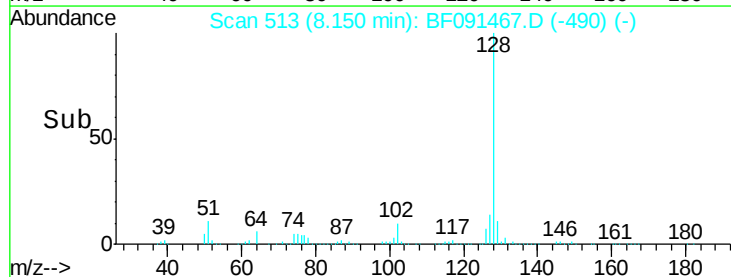
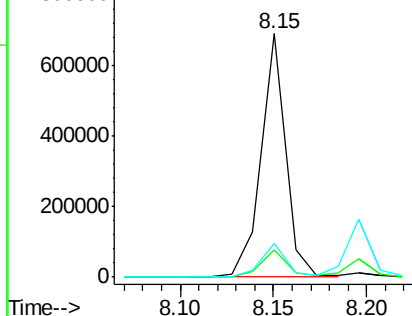


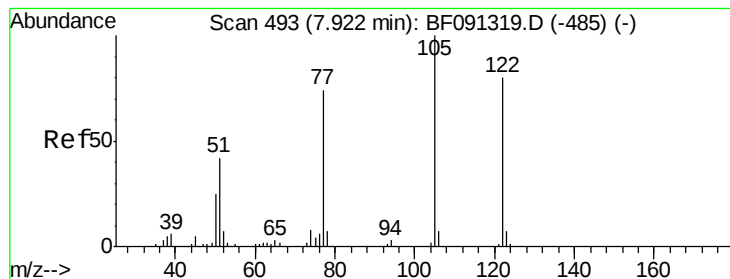
#31
 Naphthalene
 Concen: 26.44 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

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. -0.10 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

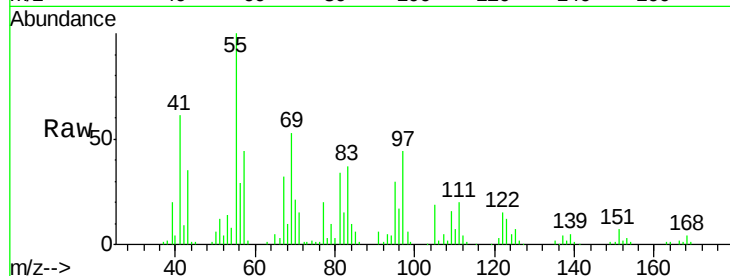
Tgt Ion:122 Resp: 14403

Ion Ratio Lower Upper

122 100

105 129.6 113.0 153.0

77 134.1 82.0 122.0#

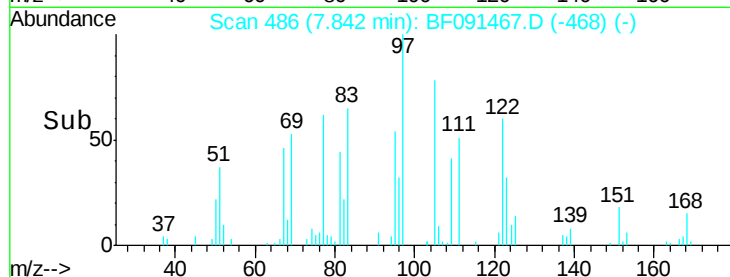


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



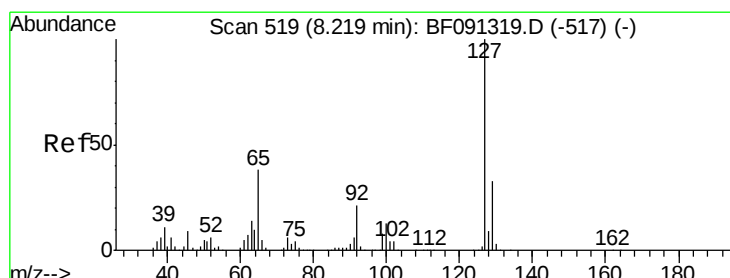
Abundance

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

Time-->



#33

4-Chloroaniline

Concen: 15.33 ng

RT: 8.20 min Scan# 517

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Tgt Ion:127 Resp: 154318

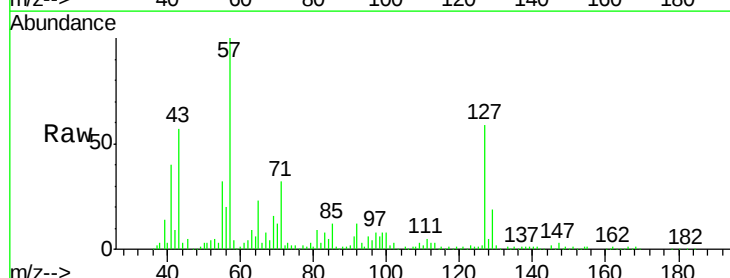
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.4

65 38.9 26.6 39.8

92 20.3 15.4 23.0



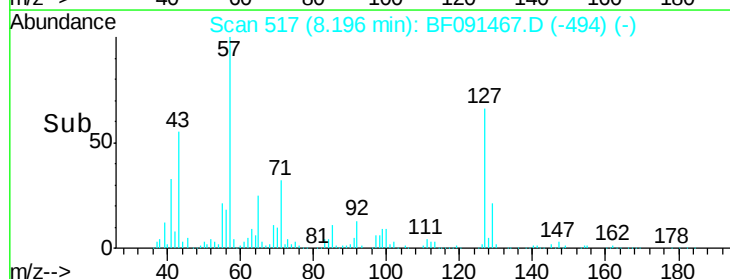
Abundance Ion 127.00 (126.70 to 127.70): E

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

Time-->



Abundance

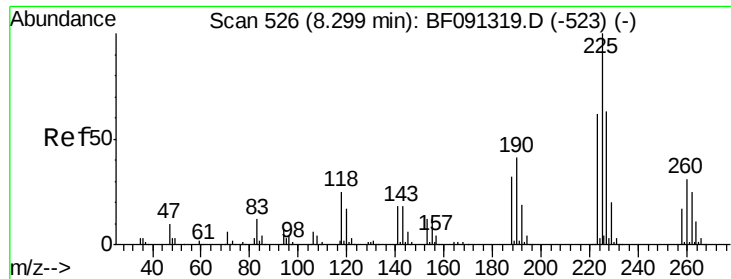
Ion 127.00 (126.70 to 127.70): E

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

Time-->



#34

Hexachlorobutadiene

Concen: 27.88 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

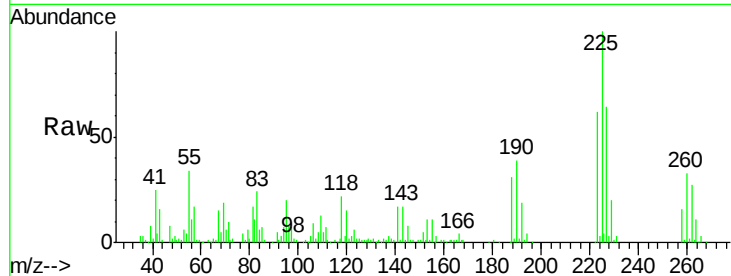
Tgt Ion:225 Resp: 130450

Ion Ratio Lower Upper

225 100

223 62.2 49.8 74.6

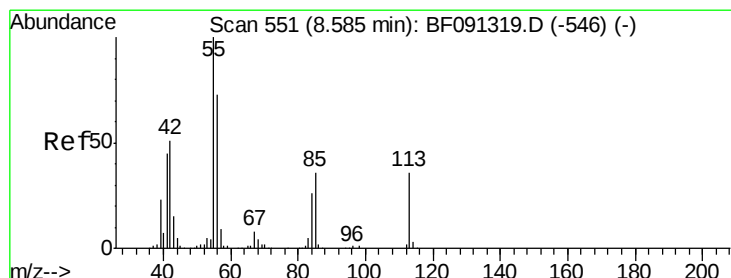
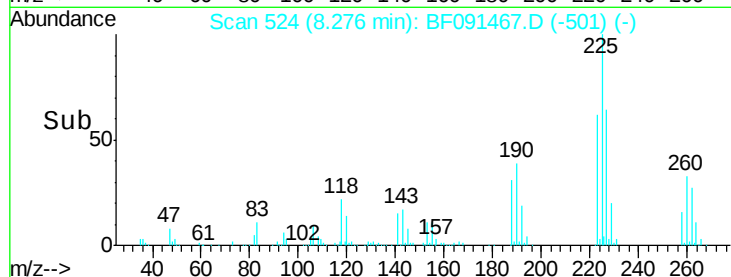
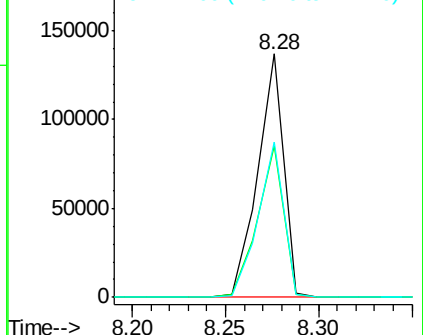
227 63.7 52.6 79.0



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. -0.05 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

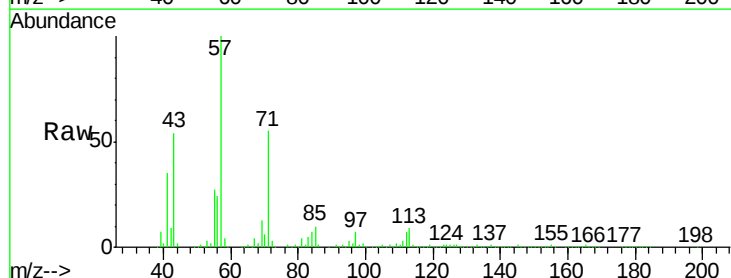
Tgt Ion:113 Resp: 90737

Ion Ratio Lower Upper

113 100

55 294.8 239.8 279.8#

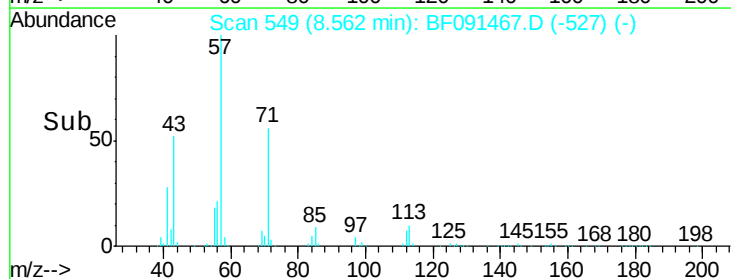
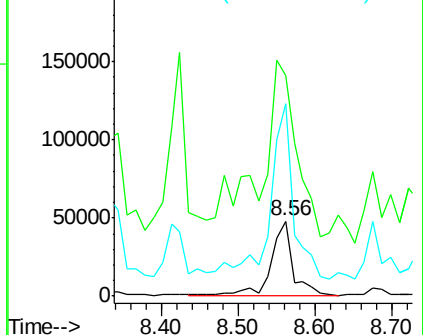
56 255.9 165.6 205.6#

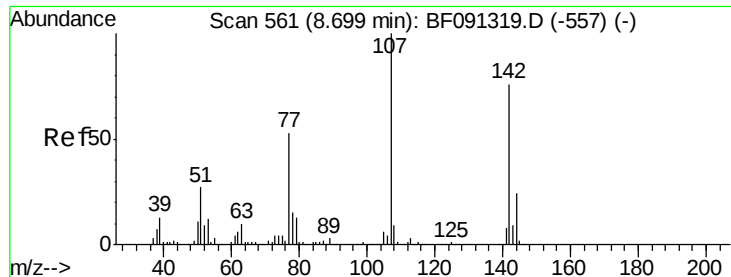


Abundance Ion 113.00 (112.70 to 113.70): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

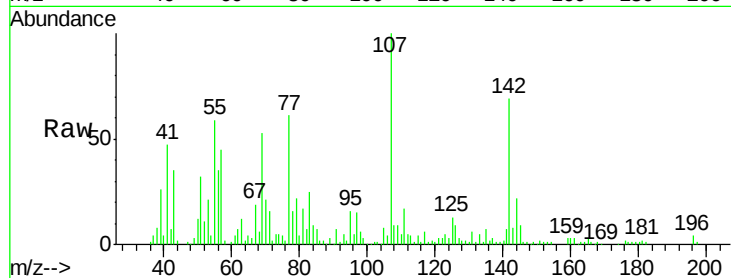
Tgt Ion:107 Resp: 186933

Ion Ratio Lower Upper

107 100

144 22.1 18.9 28.3

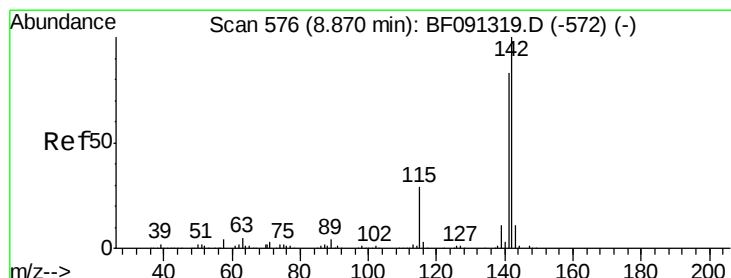
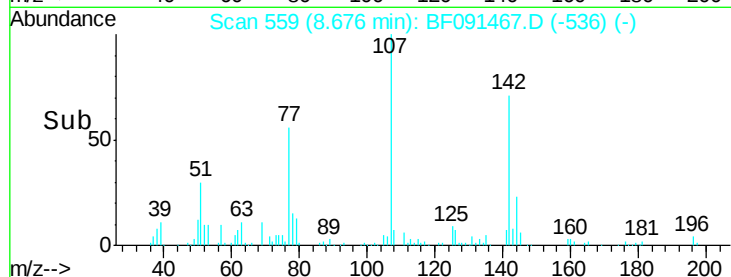
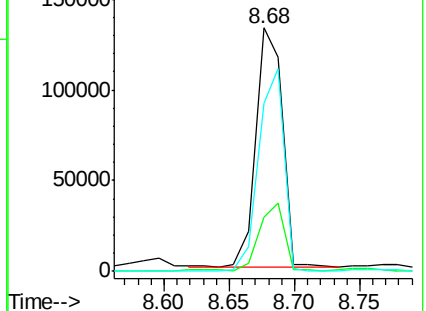
142 69.0 58.5 87.7



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. -0.03 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

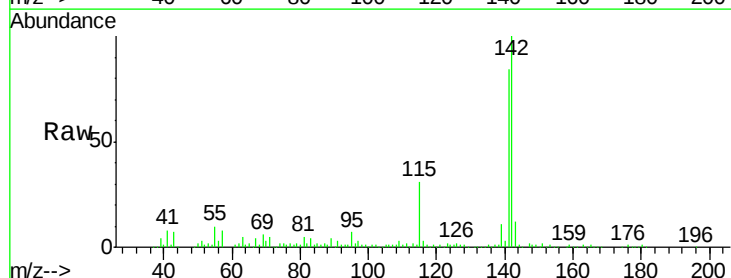
Tgt Ion:142 Resp: 413445

Ion Ratio Lower Upper

142 100

141 84.4 71.7 107.5

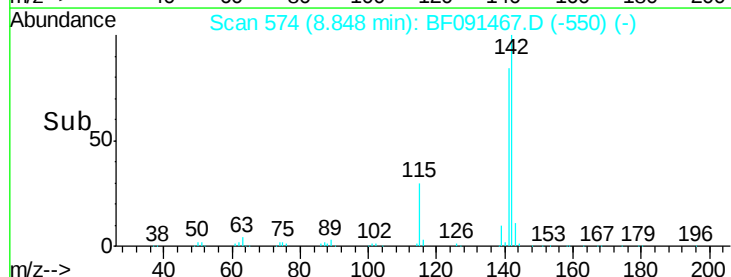
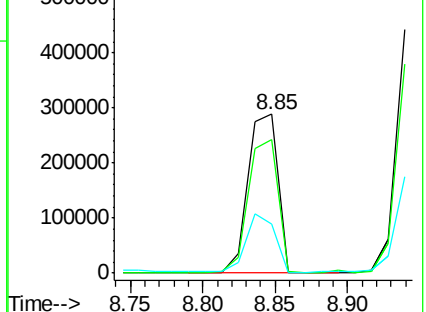
115 31.2 25.0 37.6

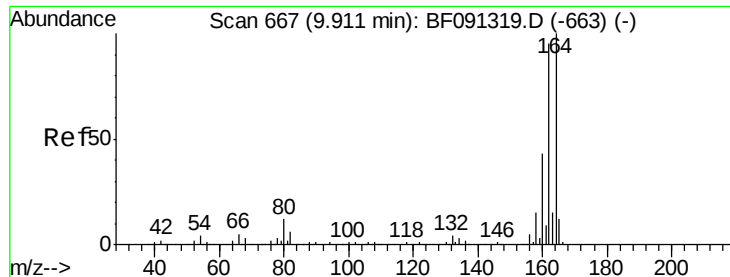


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

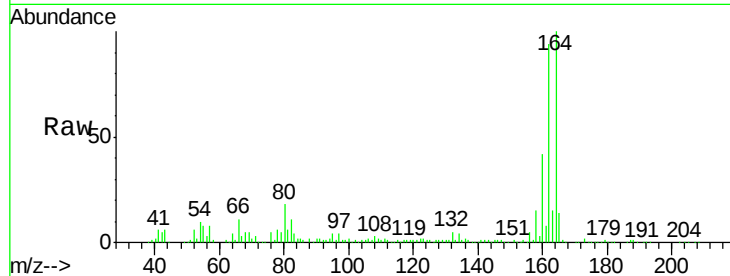




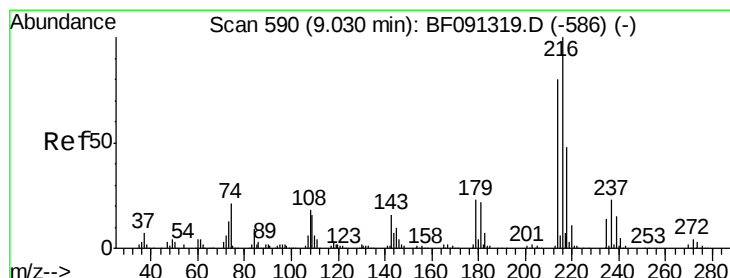
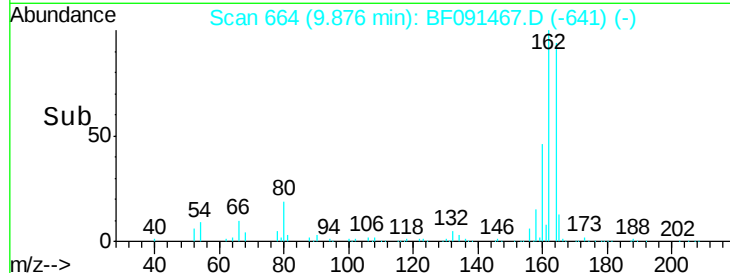
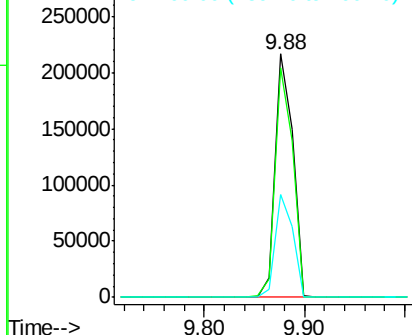
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

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

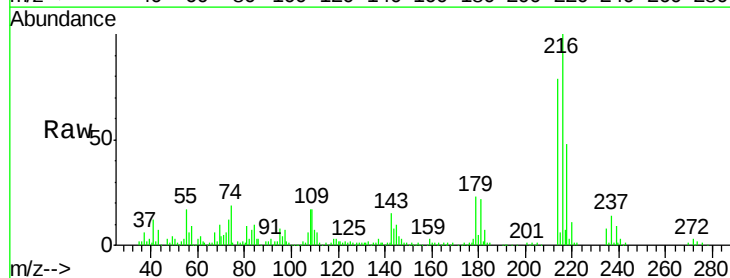


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

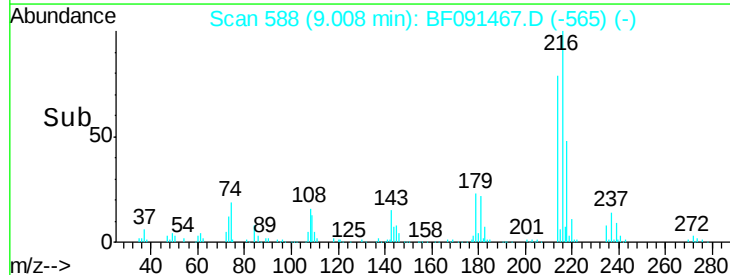
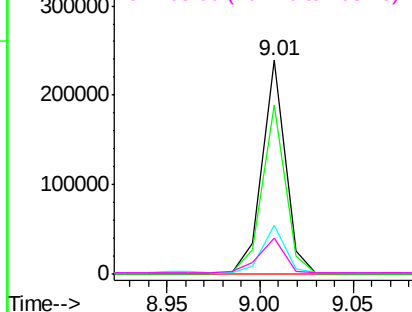


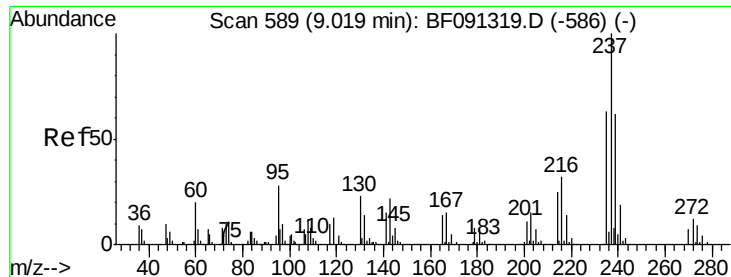
#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.54 ng
RT: 9.01 min Scan# 588
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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

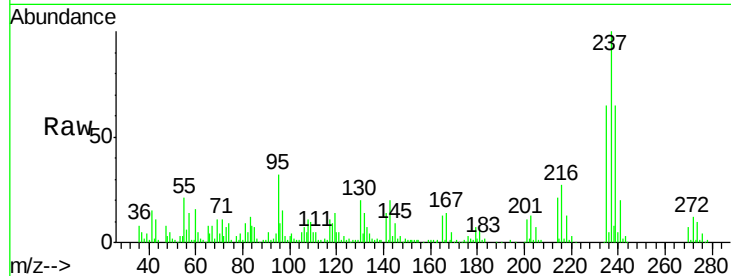




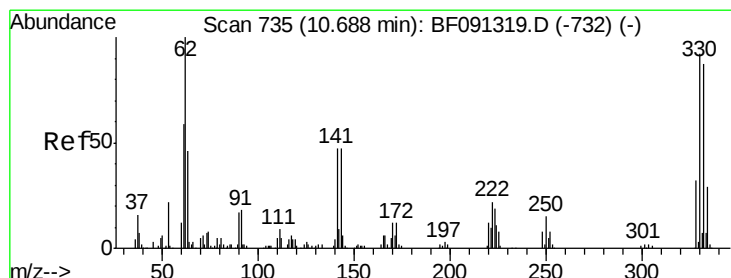
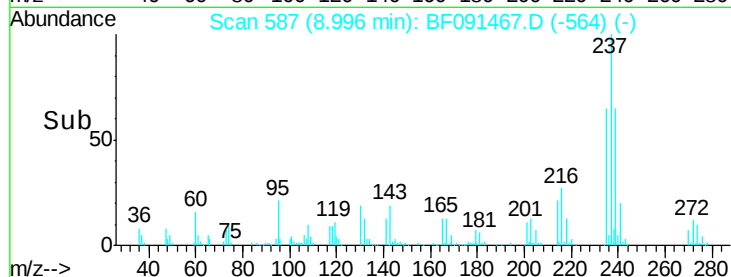
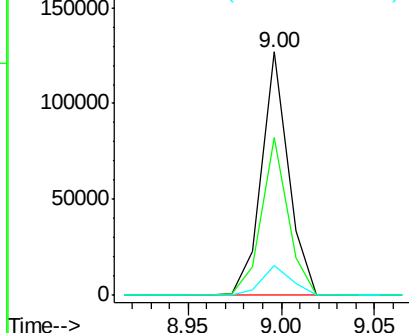
#40
Hexachlorocyclopentadiene
Concen: 36.33 ng
RT: 9.00 min Scan# 587
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

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

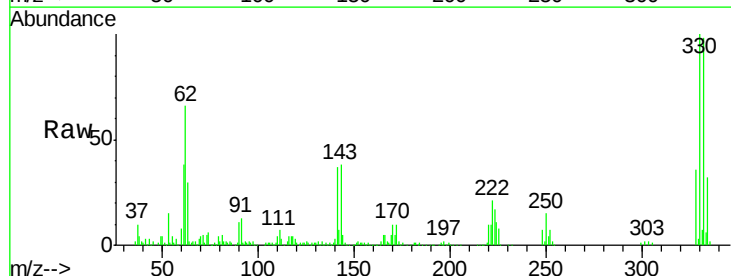


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

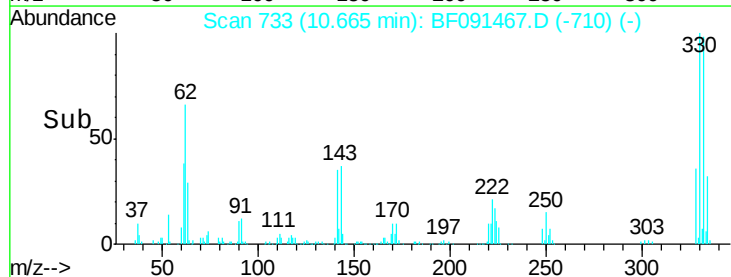
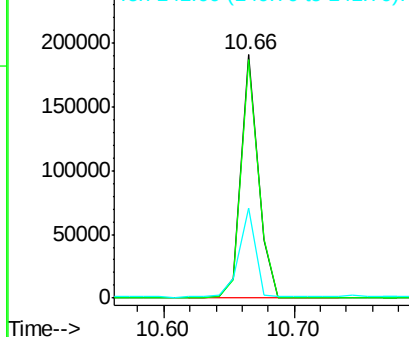


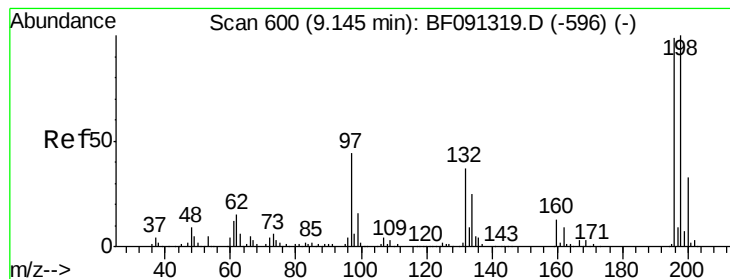
#41
2,4,6-Tribromophenol
Concen: 69.26 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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

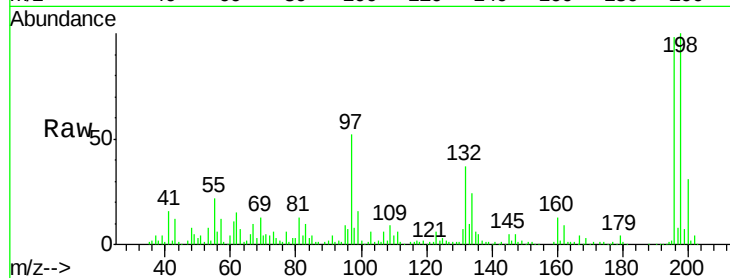




#42
 2,4,6-Trichlorophenol
 Concen: 30.59 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.03 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

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

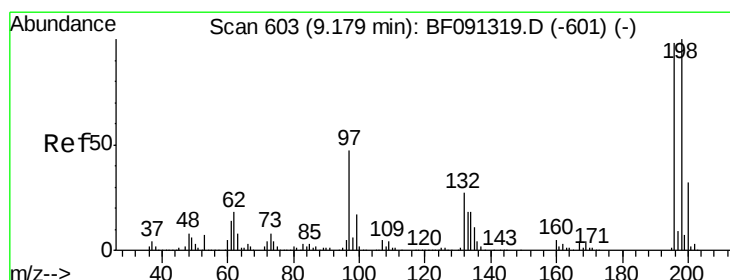
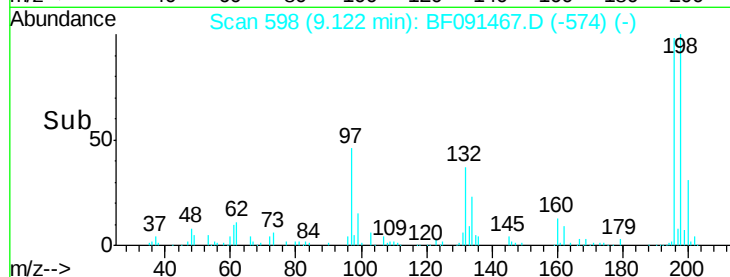
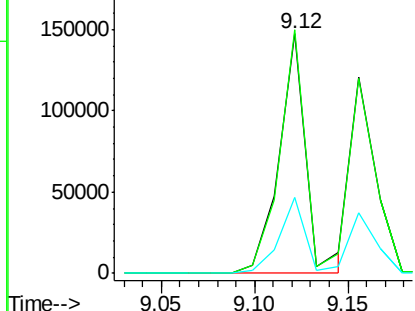


Abundance

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: 23.72 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Tgt 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#

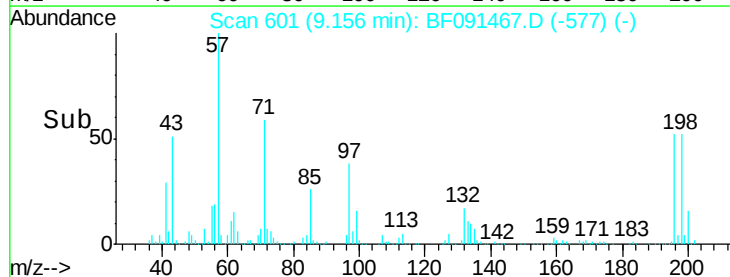
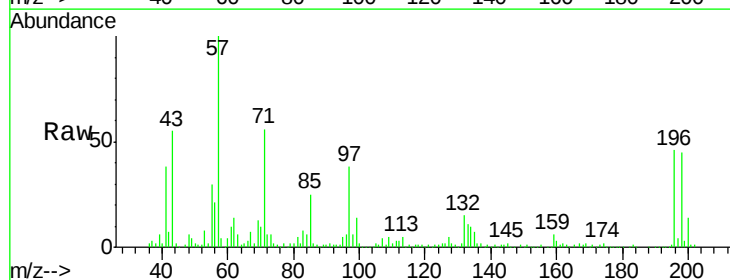
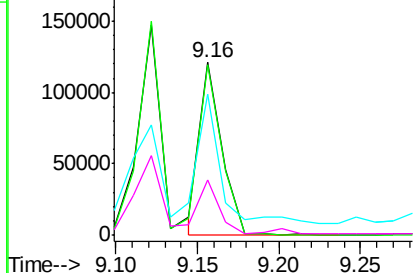
Abundance

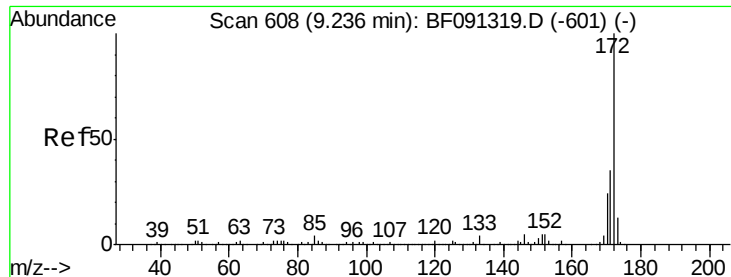
Ion 196.00 (195.70 to 196.70): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

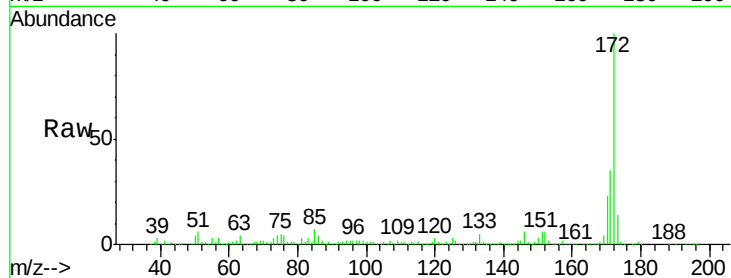
Tgt Ion:172 Resp: 809467

Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

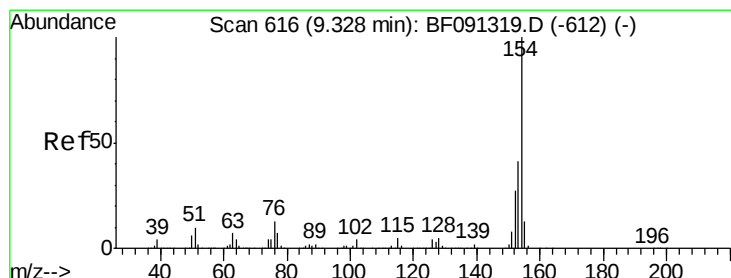
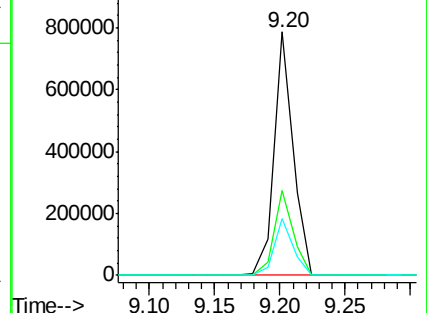
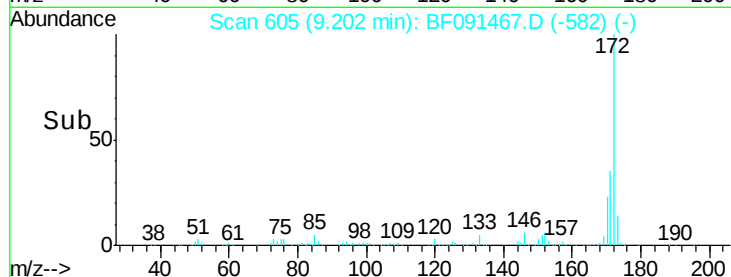
170 23.3 19.7 29.5



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

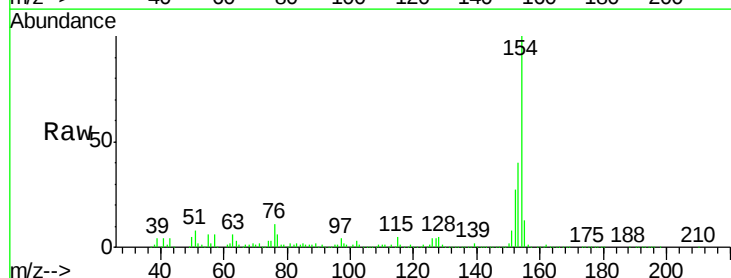
Tgt Ion:154 Resp: 543147

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

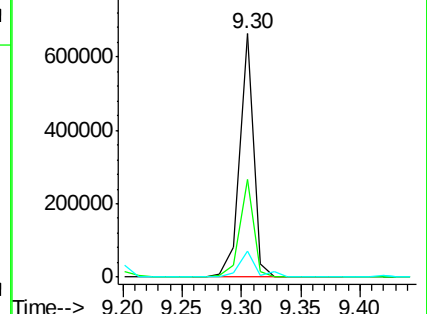
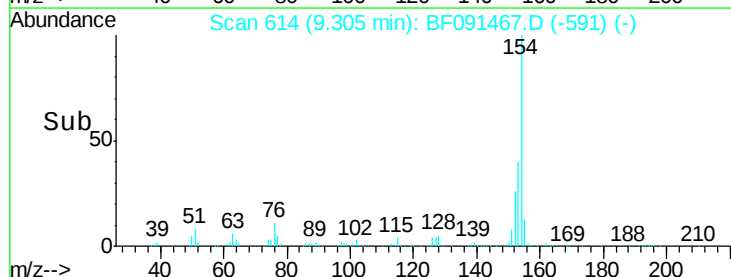
76 10.6 0.0 36.6

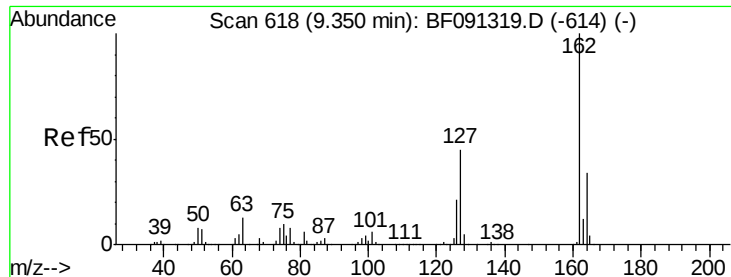


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

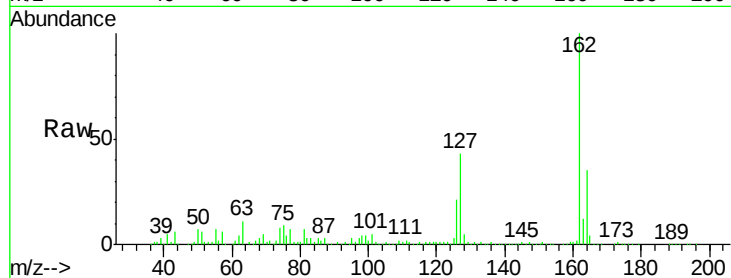




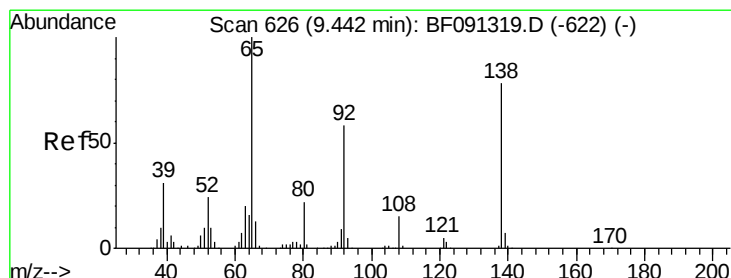
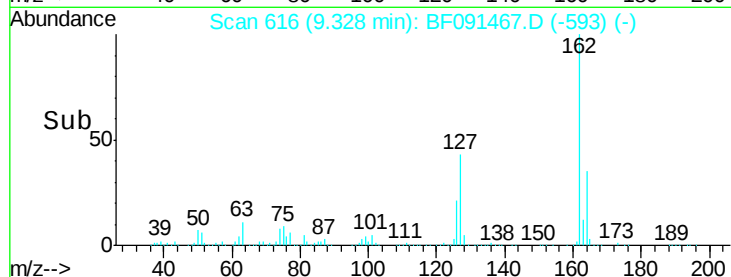
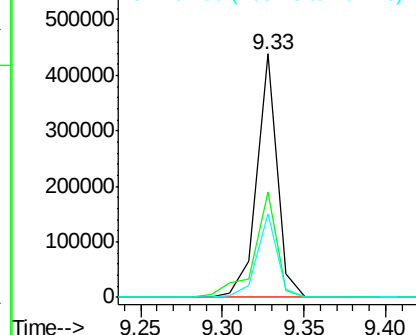
#46
2-Chloronaphthalene
Concen: 26.60 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

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

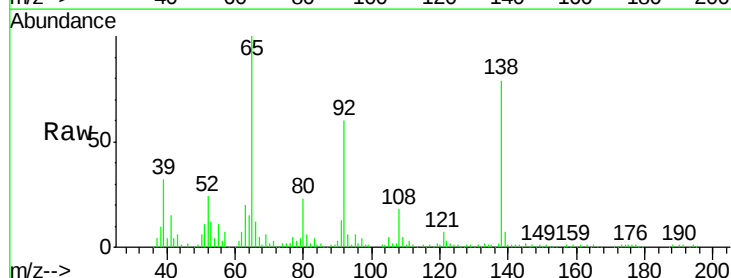


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

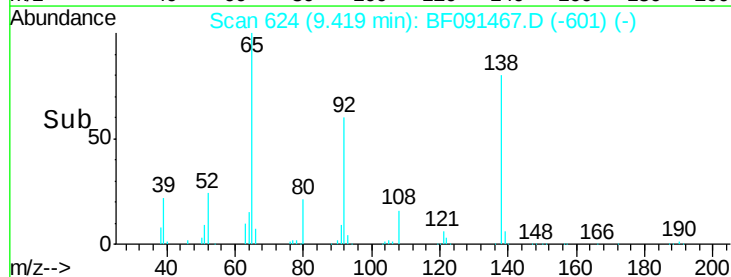
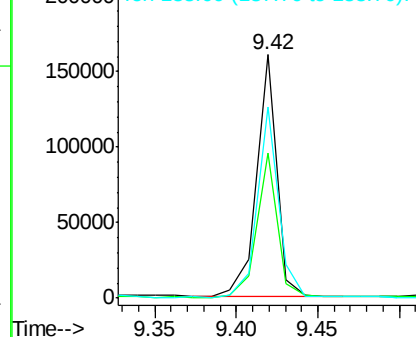


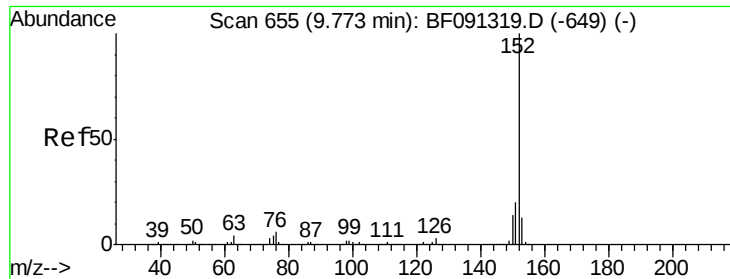
#47
2-Nitroaniline
Concen: 26.90 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 24.39 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

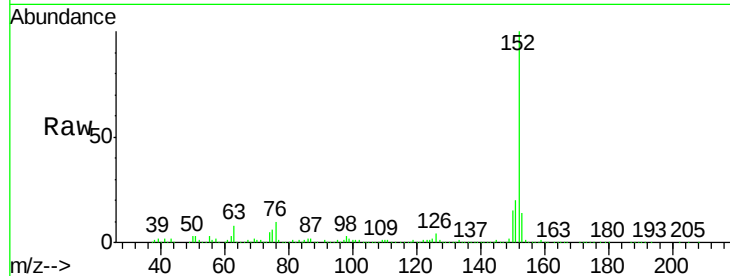
Tgt Ion:152 Resp: 548364

Ion Ratio Lower Upper

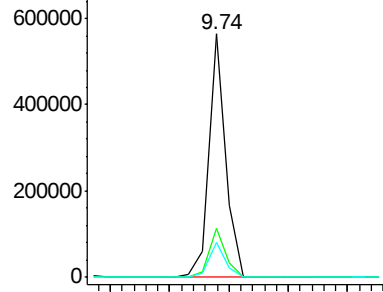
152 100

151 20.1 16.6 24.8

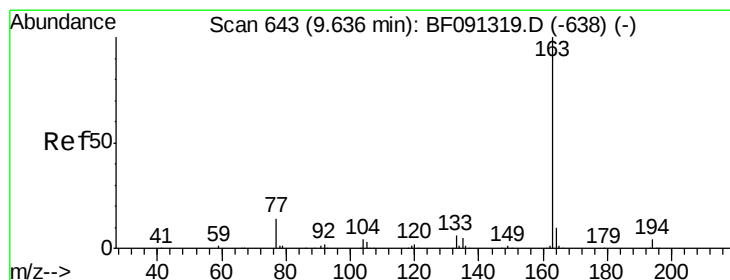
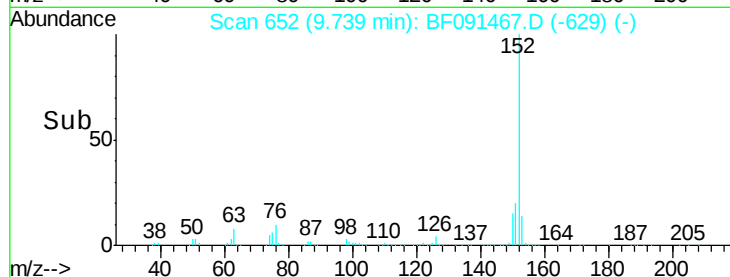
153 14.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 9.65 9.70 9.75 9.80 9.85



#49

Dimethylphthalate

Concen: 35.68 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

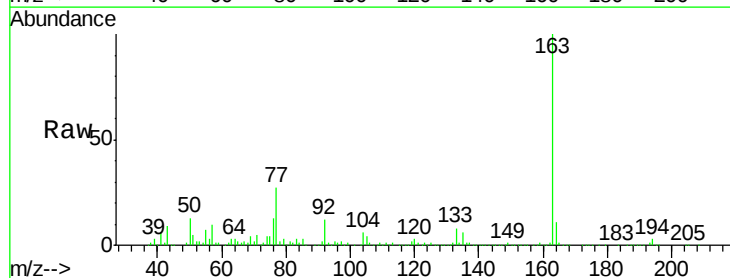
Tgt Ion:163 Resp: 576079

Ion Ratio Lower Upper

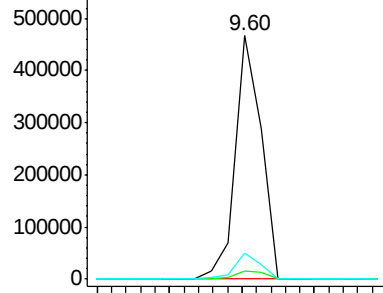
163 100

194 3.5 3.0 4.4

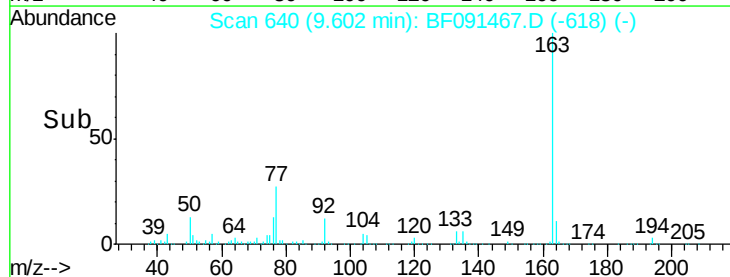
164 10.8 7.8 11.8

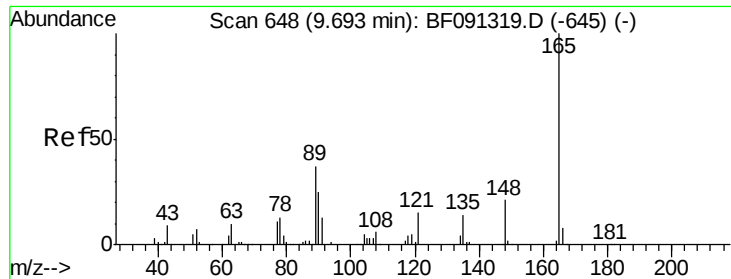


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 9.50 9.55 9.60 9.65

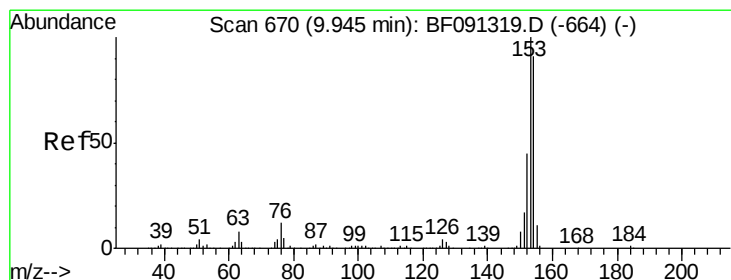
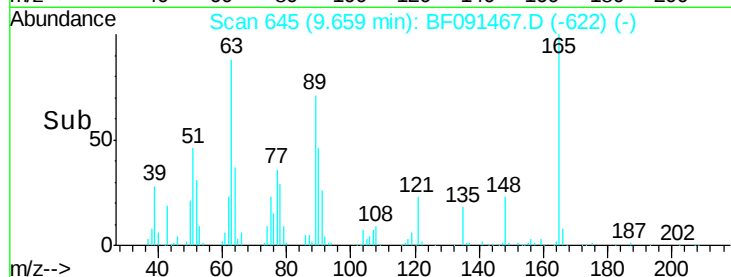
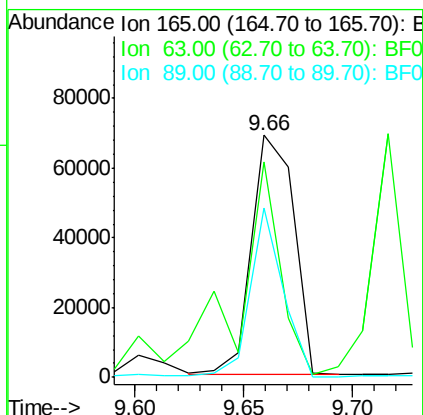
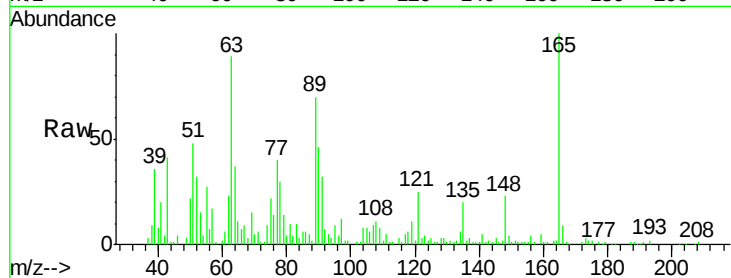




#50
2,6-Dinitrotoluene
Concen: 25.85 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

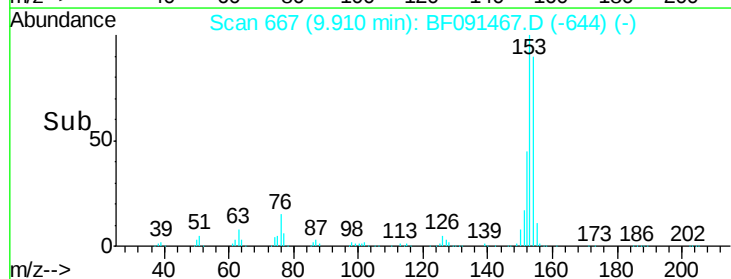
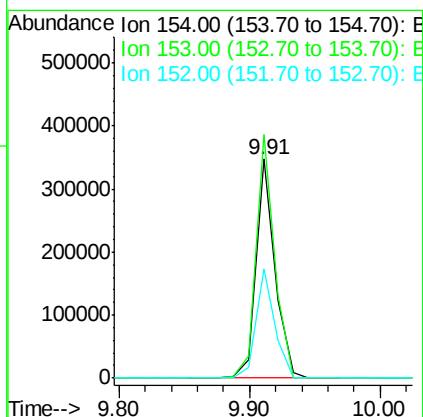
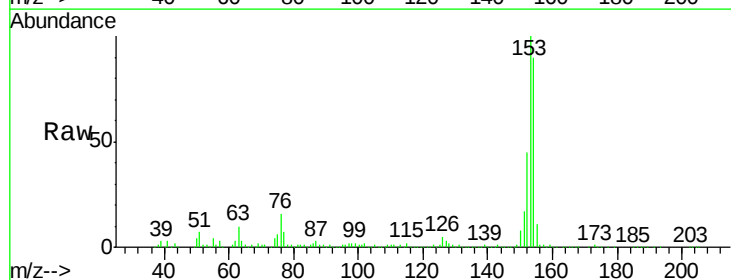
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

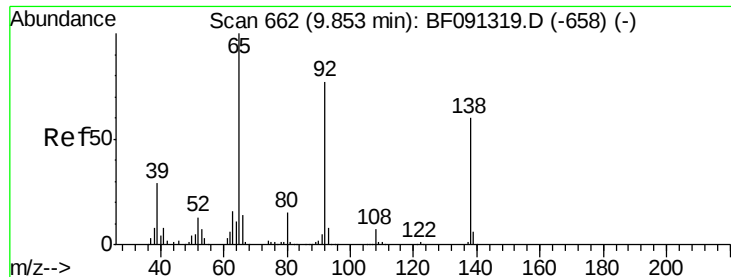
Tgt Ion:165 Resp: 93297
Ion Ratio Lower Upper
165 100
63 88.9 59.4 89.0
89 70.2 50.8 76.2



#51
Acenaphthene
Concen: 23.29 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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





#52

3-Nitroaniline

Concen: 23.28 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

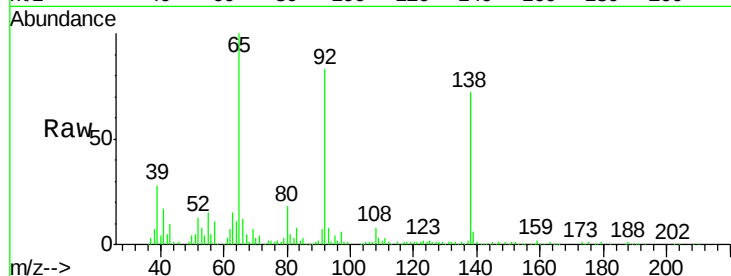
Tgt Ion:138 Resp: 97247

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

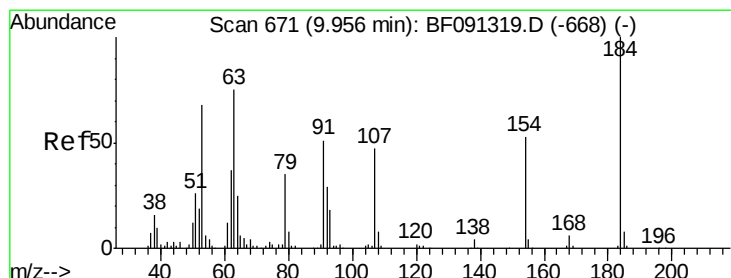
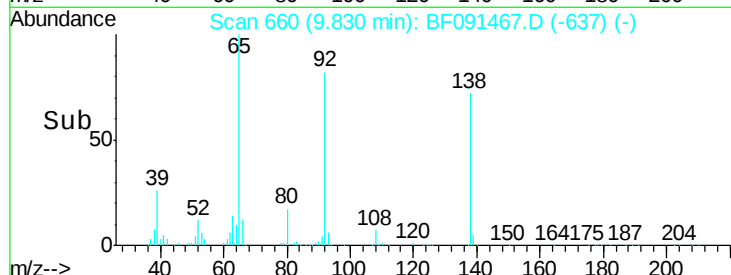
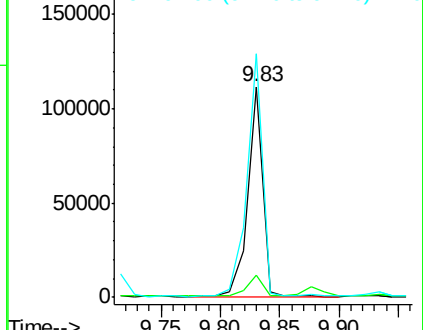
92 115.6 92.5 138.7



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

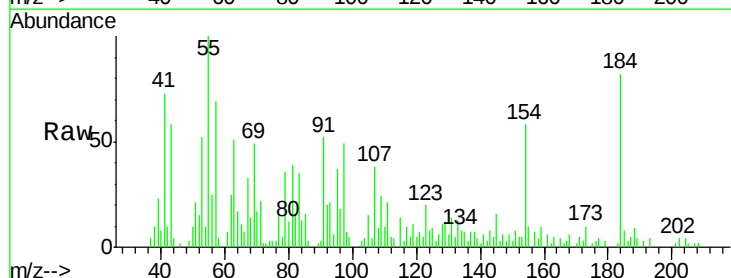
Tgt Ion:184 Resp: 11966

Ion Ratio Lower Upper

184 100

63 62.1 58.3 87.5

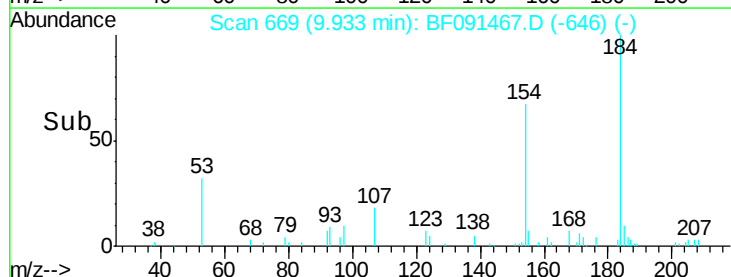
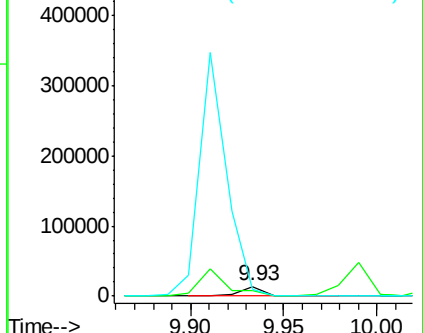
154 70.2 48.6 73.0

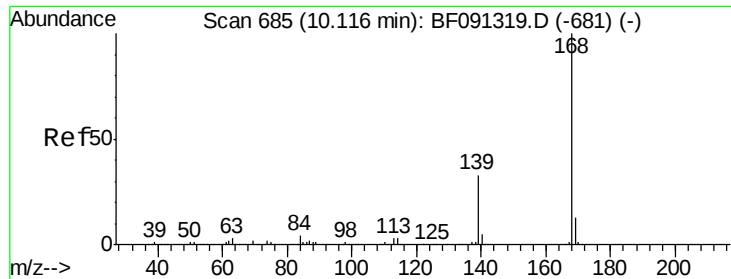


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

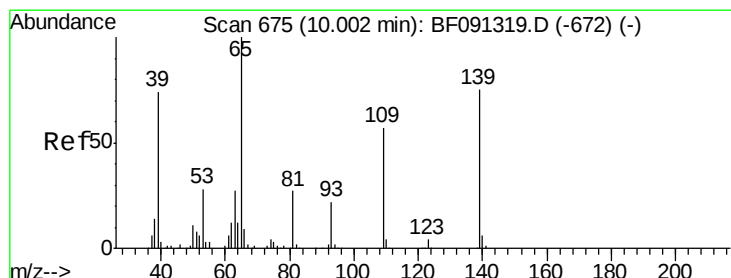
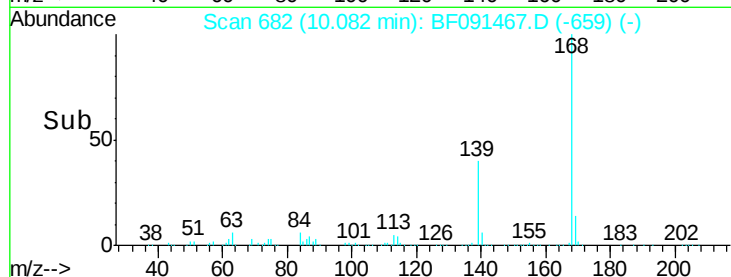
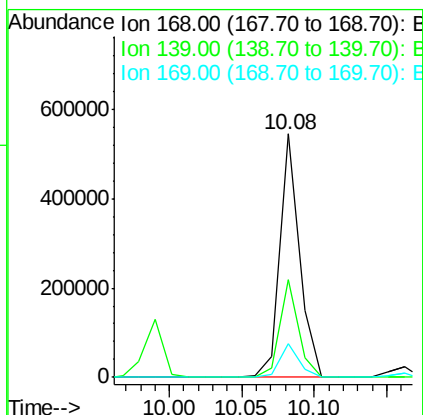
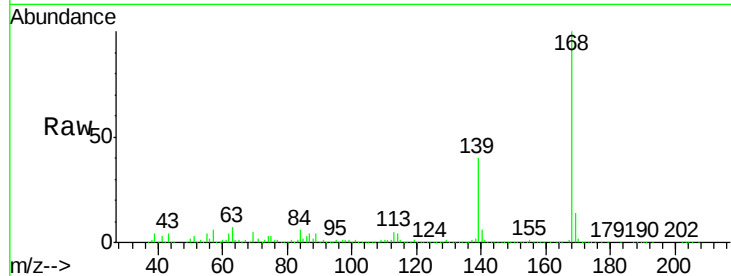




#54
 Dibenzofuran
 Concen: 25.20 ng
 RT: 10.08 min Scan# 682
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

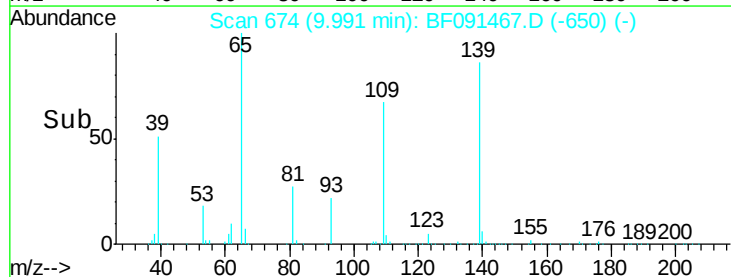
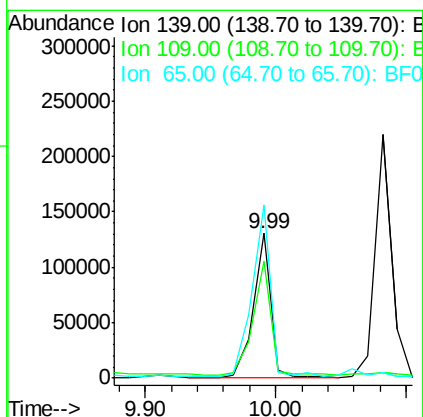
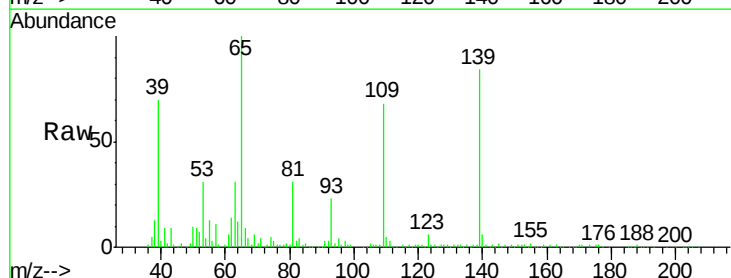
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

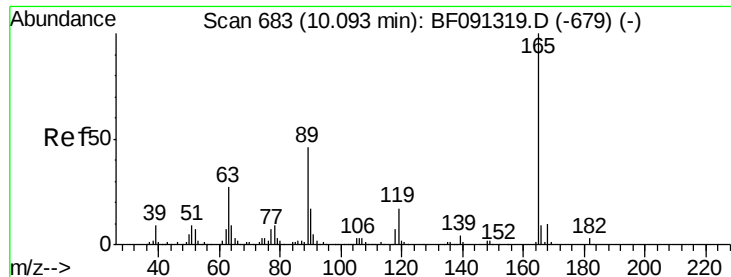
Tgt Ion:168 Resp: 511655
 Ion Ratio Lower Upper
 168 100
 139 40.3 33.4 50.2
 169 13.8 11.1 16.7



#55
 4-Nitrophenol
 Concen: 40.05 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

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

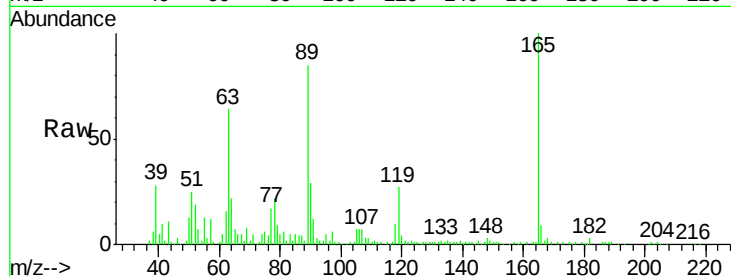




#56
 2,4-Dinitrotoluene
 Concen: 24.43 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

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

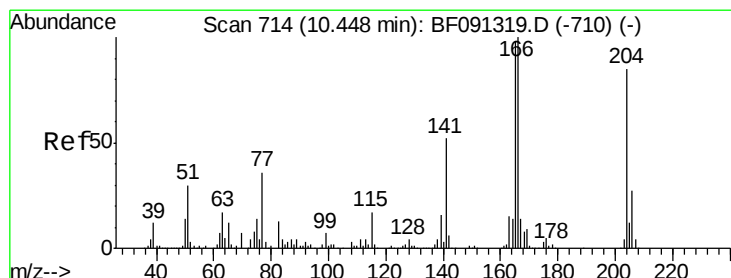
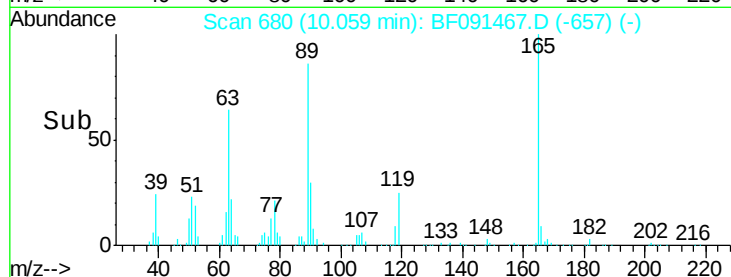
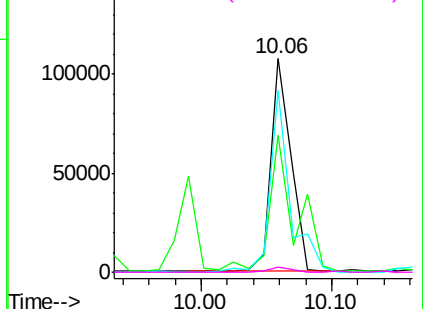


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

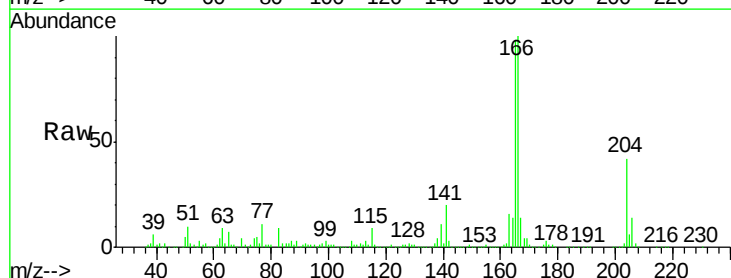
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 26.10 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

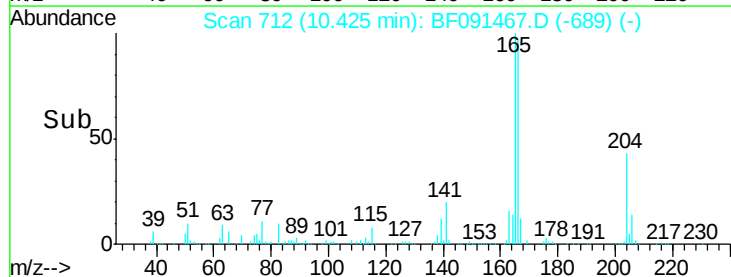
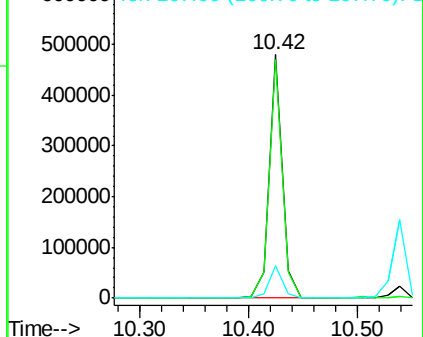
Tgt Ion:	166	Resp:	406829
Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.0	120.0
167	13.5	10.8	16.2

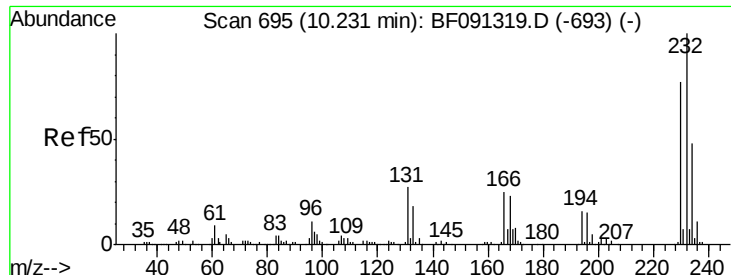


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

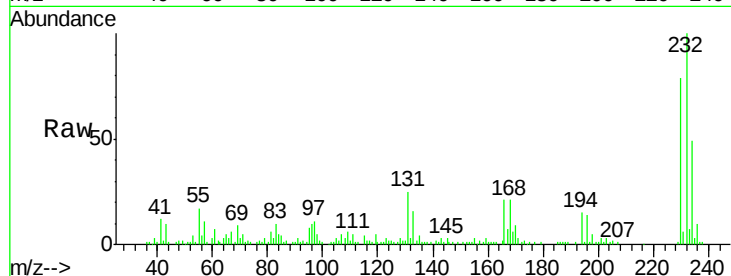




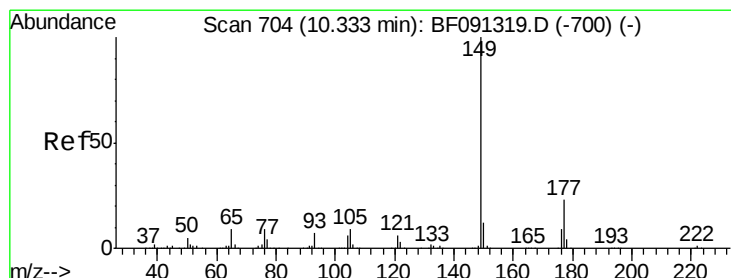
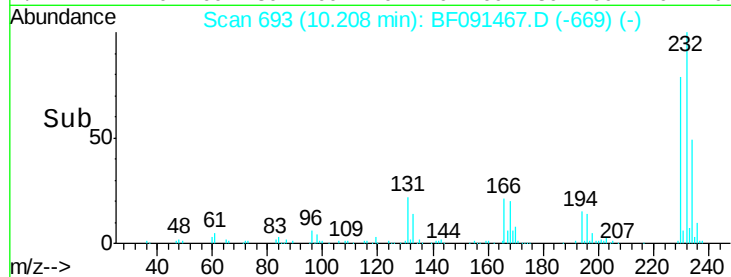
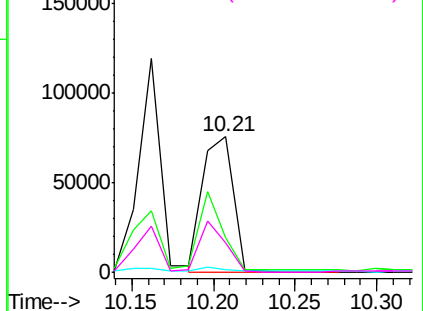
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.95 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.03 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

Tgt Ion:	232	Resp:	100118
Ion	Ratio	Lower	Upper
232	100		
131	45.1	38.4	57.6
130	2.6	1.8	2.8
166	31.8	23.9	35.9

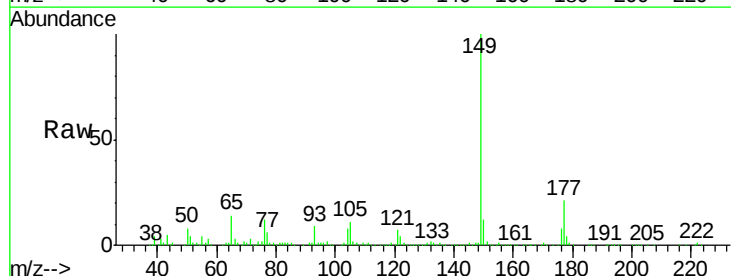


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

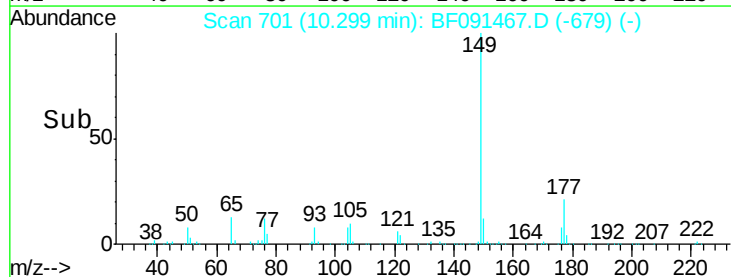
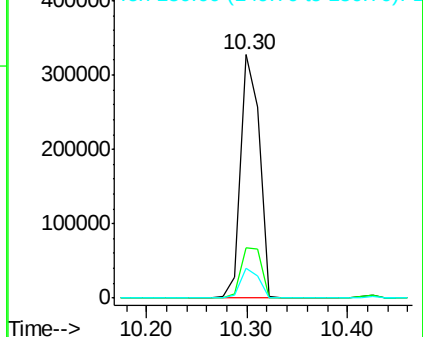


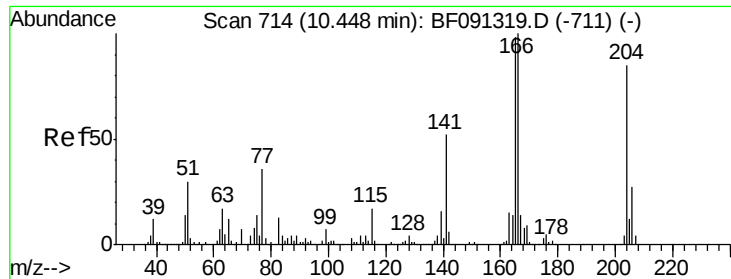
#59
 Diethylphthalate
 Concen: 26.50 ng
 RT: 10.30 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

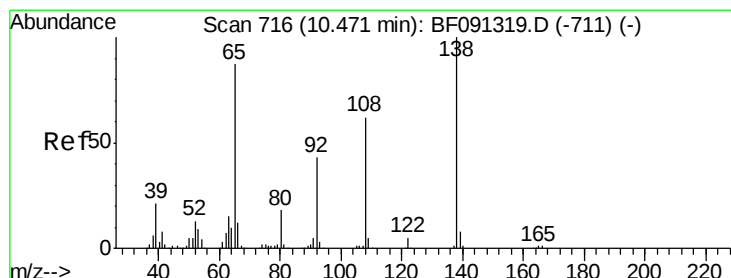
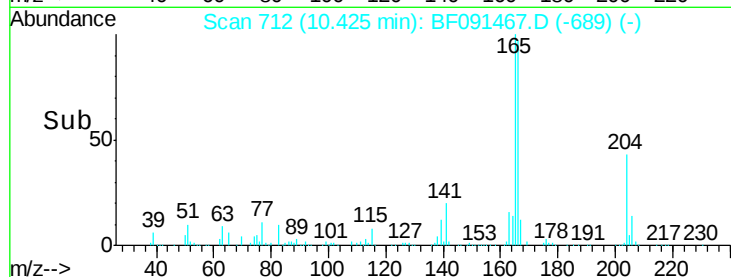
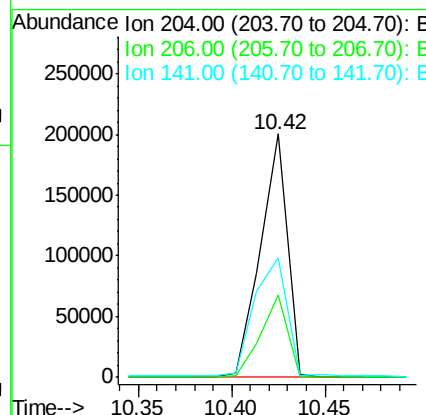
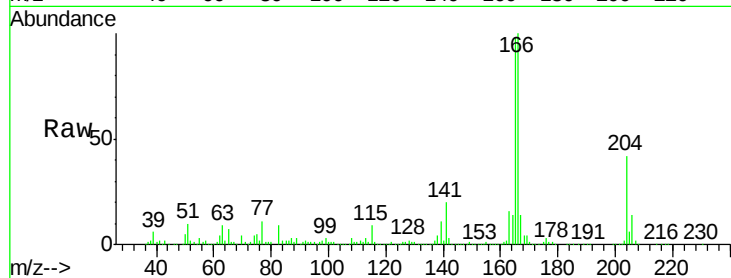




#60
4-Chlorophenyl-phenylether
Concen: 25.62 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

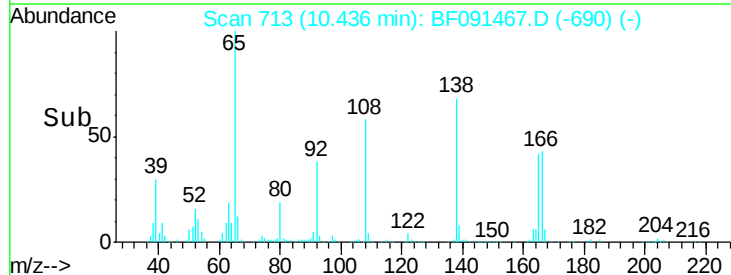
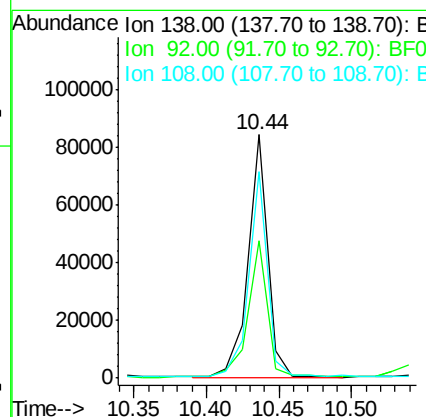
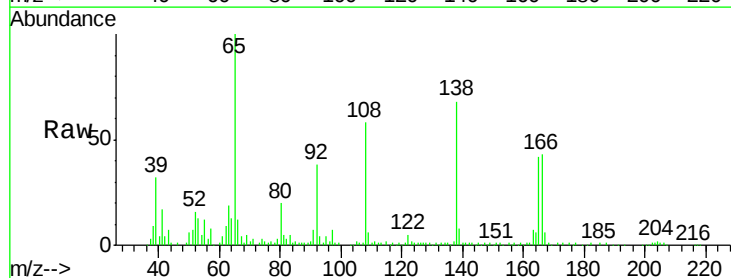
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

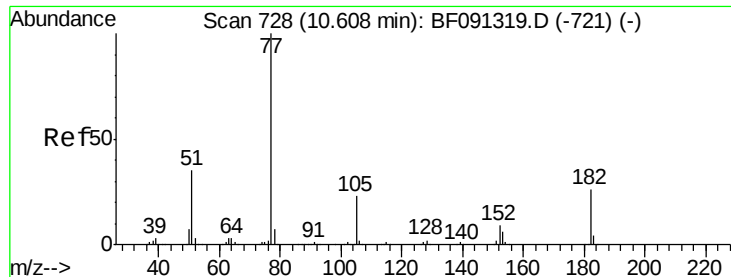
Tgt Ion: 204 Resp: 200265
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 48.9 40.6 61.0



#61
4-Nitroaniline
Concen: 20.06 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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





#62

Azobenzene

Concen: 25.44 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

Tgt Ion: 77 Resp: 413706

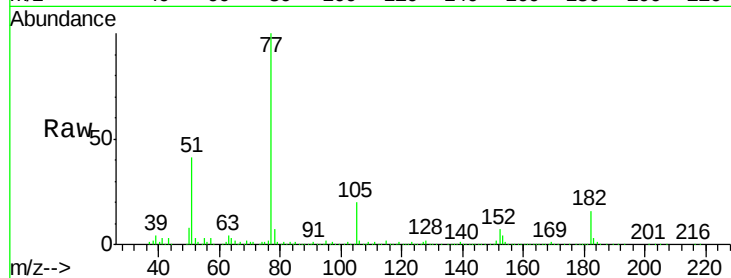
Ion Ratio Lower Upper

77 100

182 16.3 12.5 52.5

105 19.6 3.7 43.7

51 40.9 11.9 51.9

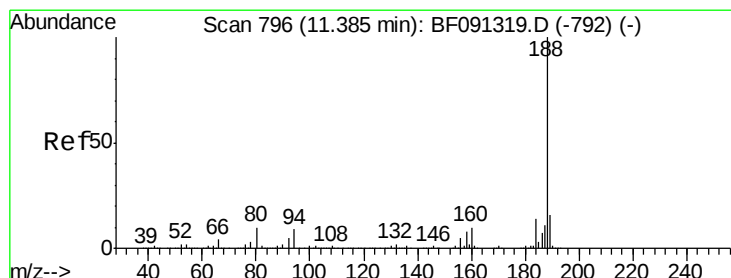
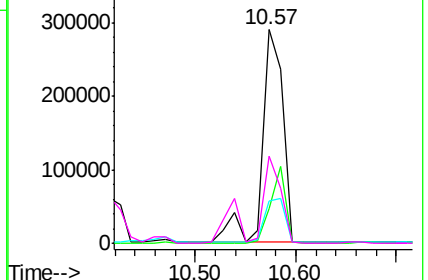
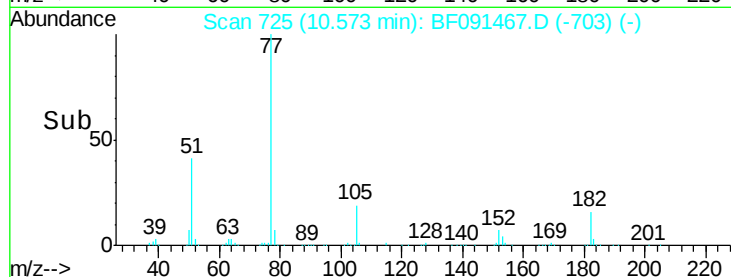


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

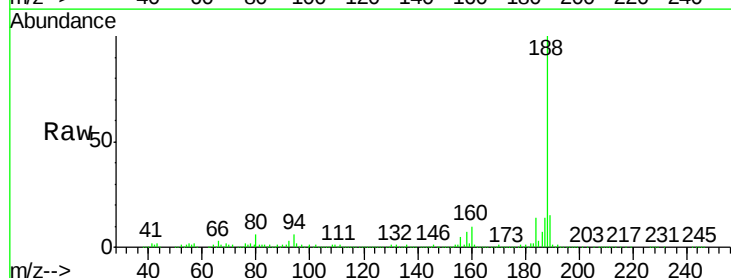
Tgt Ion: 188 Resp: 398916

Ion Ratio Lower Upper

188 100

94 5.8 9.2 13.8#

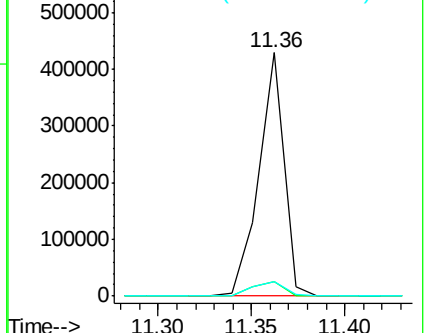
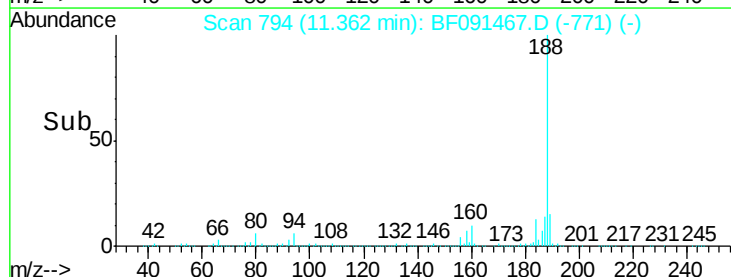
80 5.8 10.5 15.7#

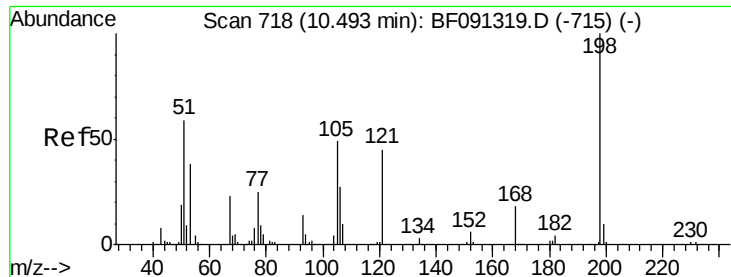


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

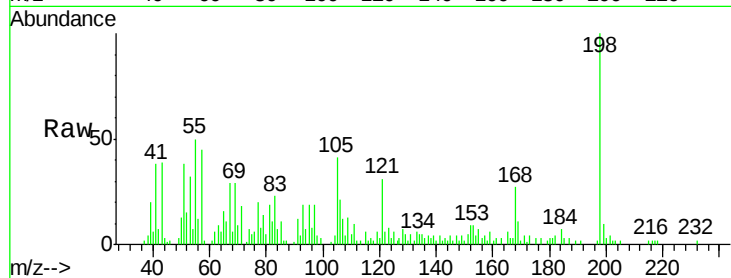
Tgt Ion:198 Resp: 20145

Ion Ratio Lower Upper

198 100

51 37.9 77.1 117.1#

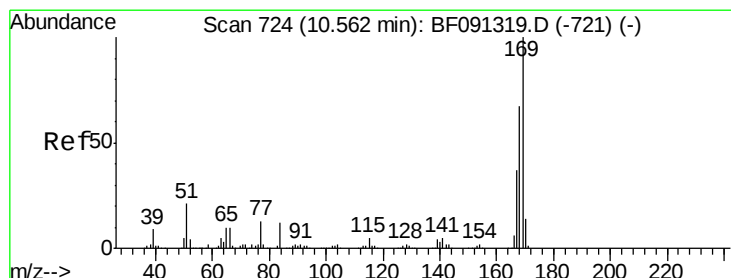
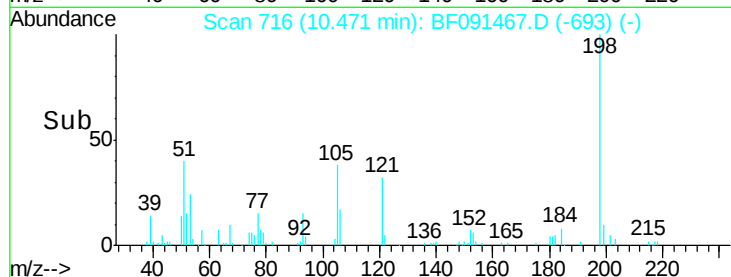
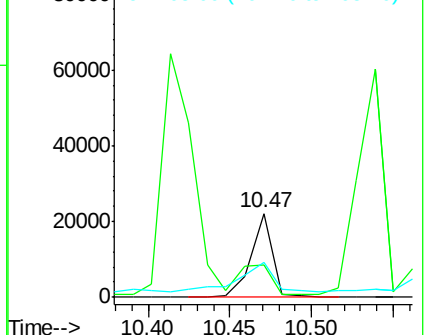
105 41.1 44.8 84.8#



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

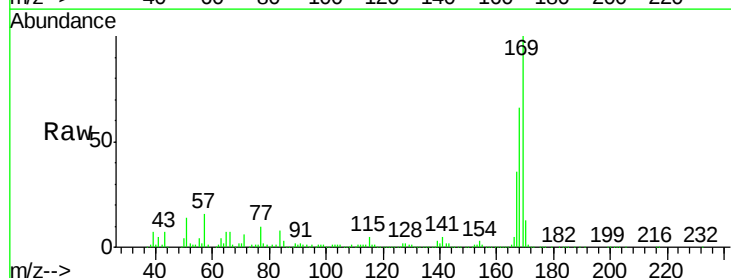
Tgt Ion:169 Resp: 379141

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.8

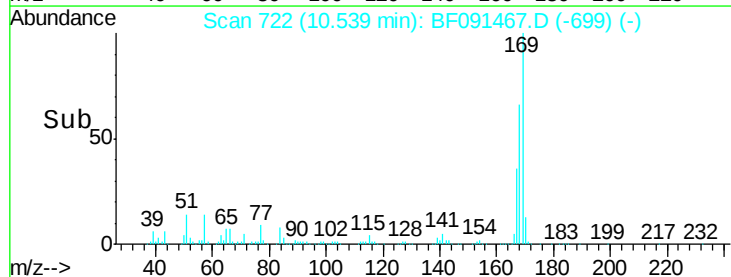
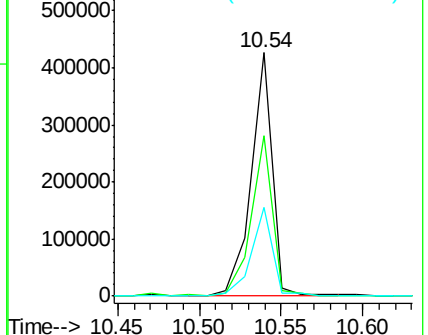
167 36.2 29.8 44.8

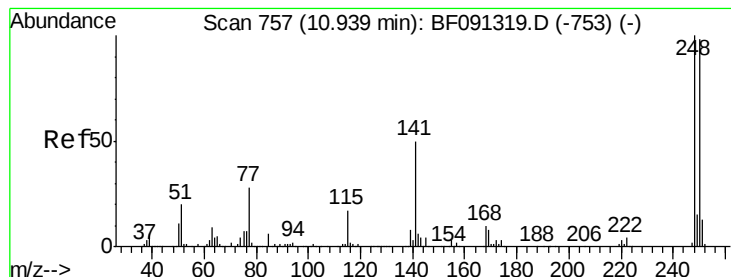


Abundance Ion 169.00 (168.70 to 169.70): E

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. -0.05 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

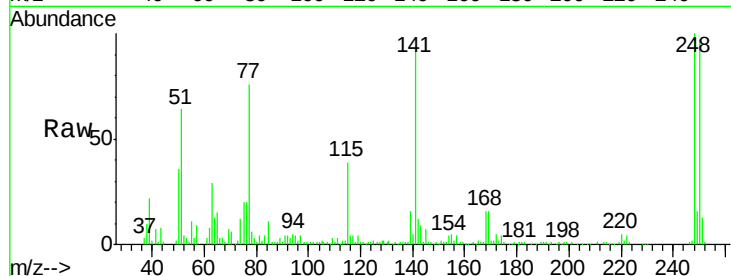
Tgt Ion:248 Resp: 116845

Ion Ratio Lower Upper

248 100

250 96.9 78.2 117.4

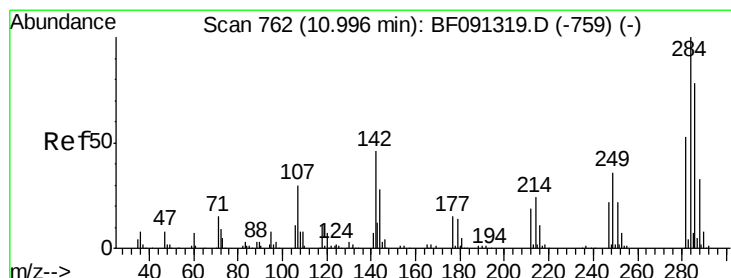
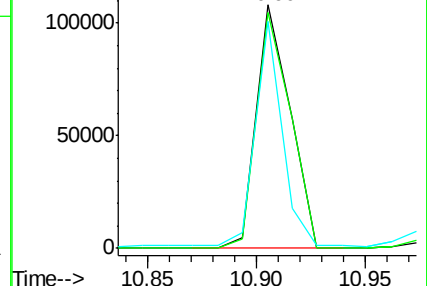
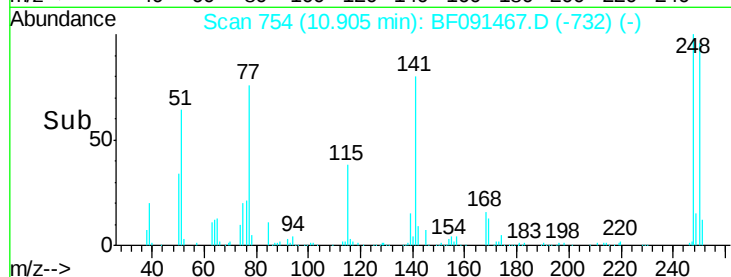
141 93.3 71.9 107.9



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

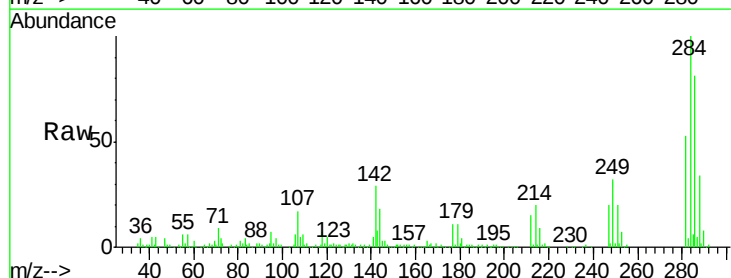
Tgt Ion:284 Resp: 124267

Ion Ratio Lower Upper

284 100

142 29.3 17.9 26.9#

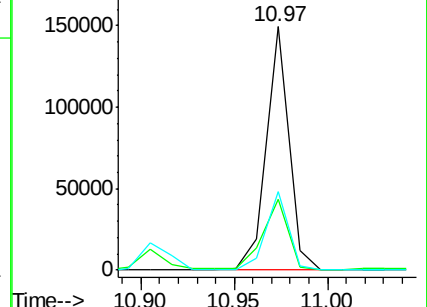
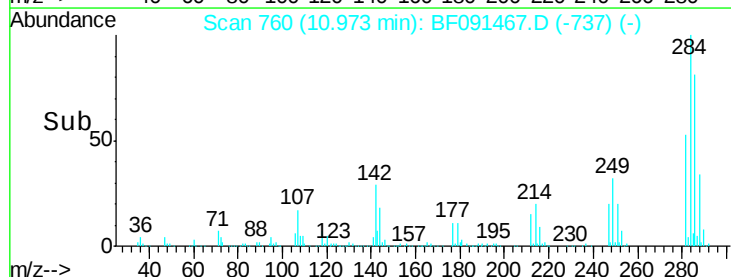
249 32.4 23.6 35.4

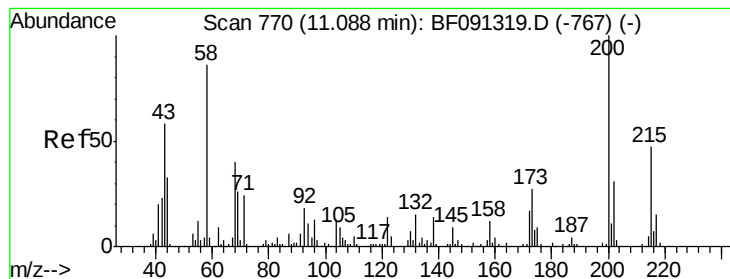


Abundance Ion 283.80 (283.50 to 284.50): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

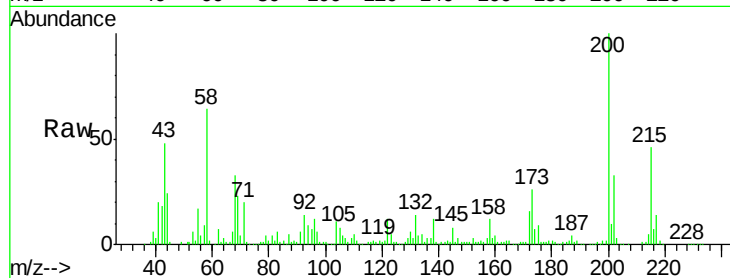
Tgt Ion:200 Resp: 109403

Ion Ratio Lower Upper

200 100

173 26.4 7.8 47.8

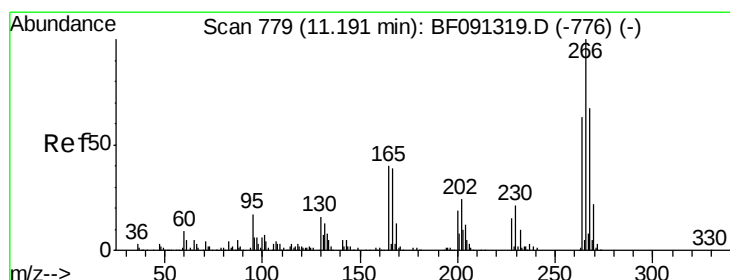
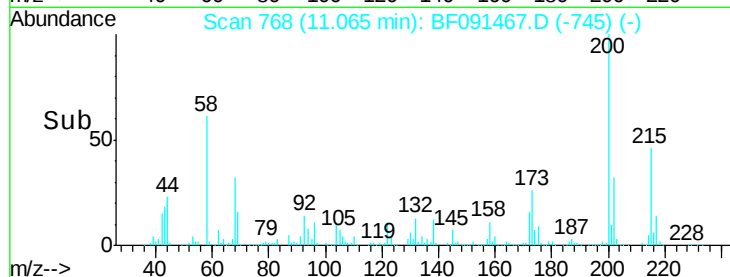
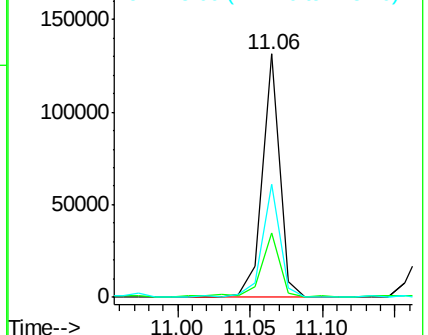
215 46.4 24.3 64.3



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

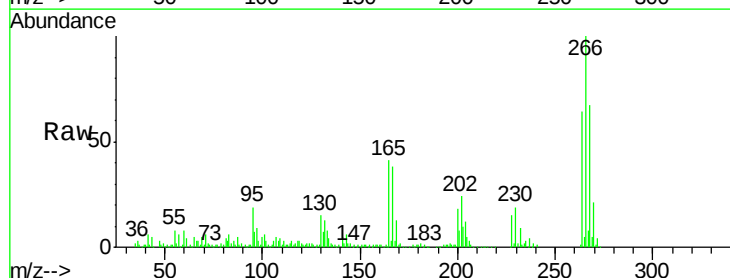
Tgt Ion:266 Resp: 126736

Ion Ratio Lower Upper

266 100

268 67.4 50.3 75.5

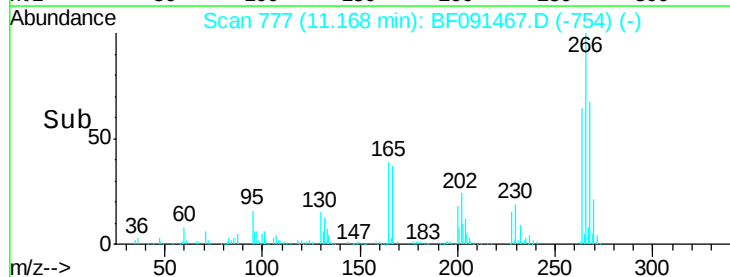
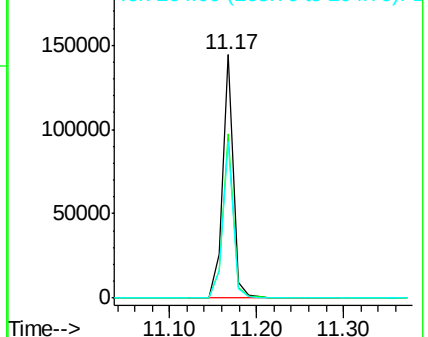
264 64.1 48.2 72.2

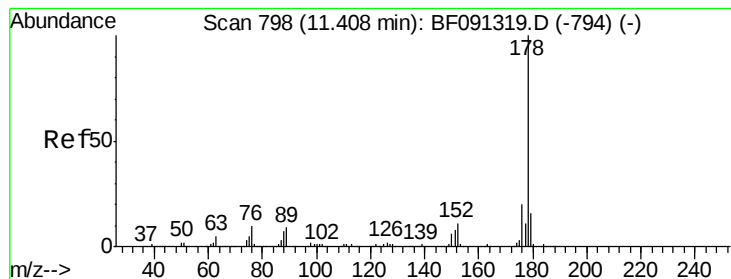


Abundance Ion 265.70 (265.40 to 266.40): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

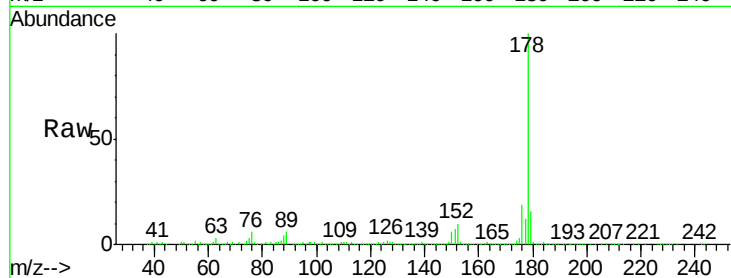
Tgt Ion:178 Resp: 590611

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

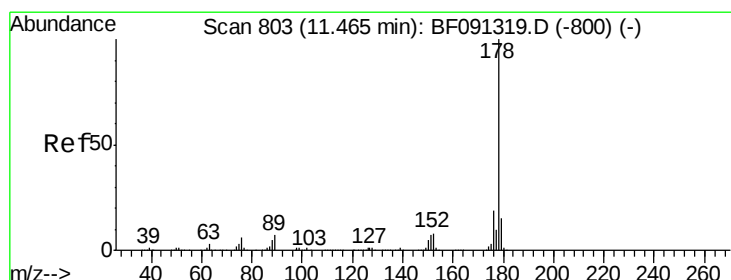
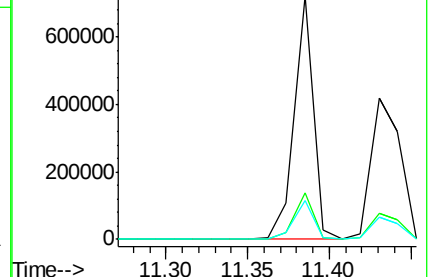
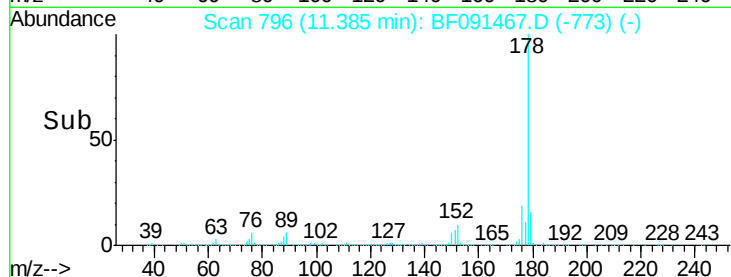
179 15.7 12.6 18.8



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. -0.05 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

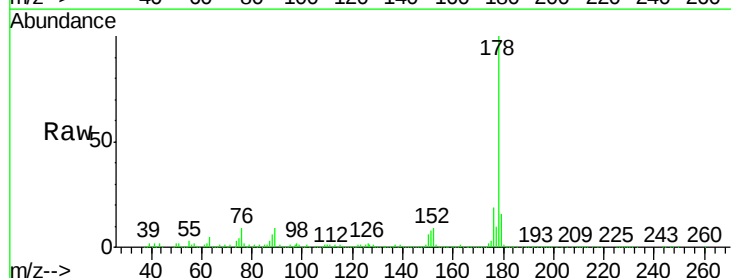
Tgt Ion:178 Resp: 523016

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

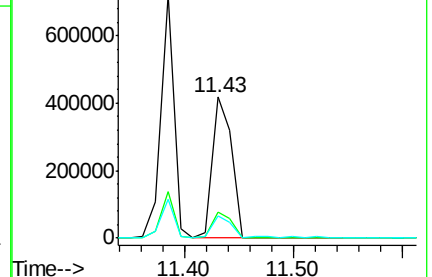
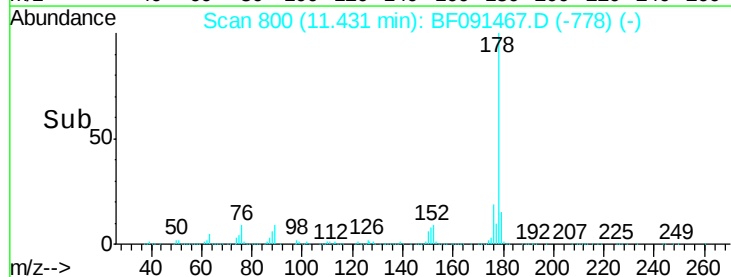
179 15.7 12.7 19.1

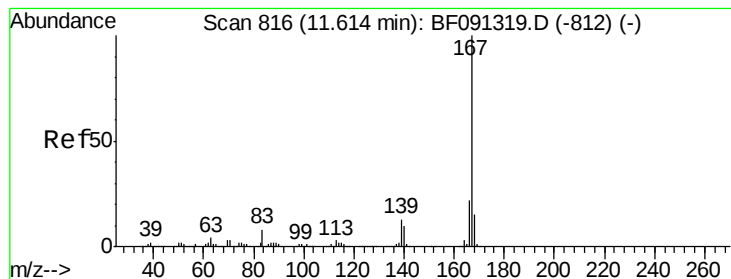


Abundance Ion 178.00 (177.70 to 178.70): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

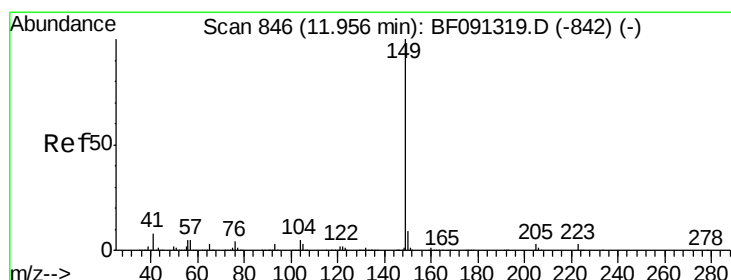
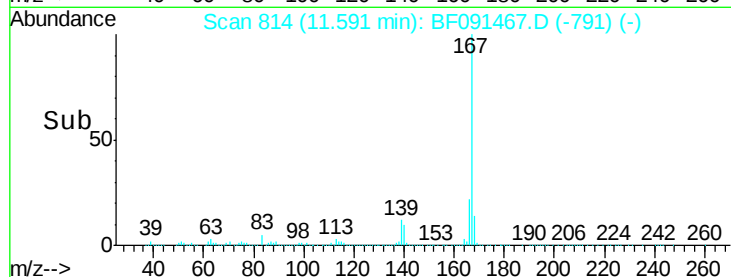
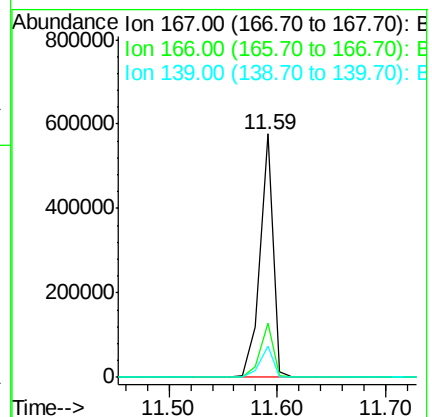
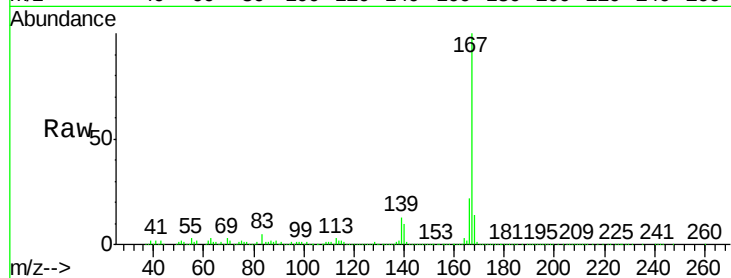
Tgt Ion:167 Resp: 489944

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

139 12.5 11.5 17.3



#73

Di-n-butylphthalate

Concen: 25.54 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

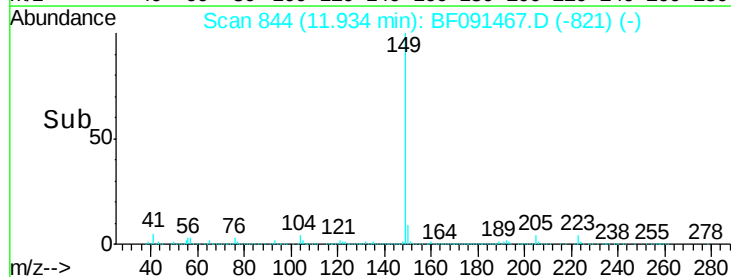
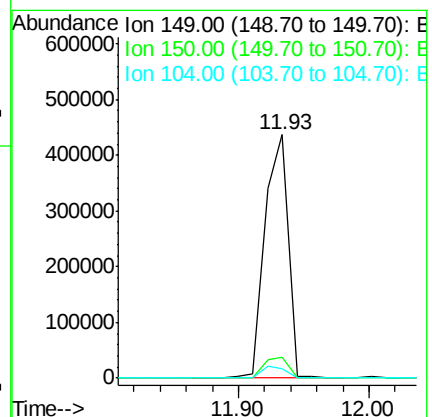
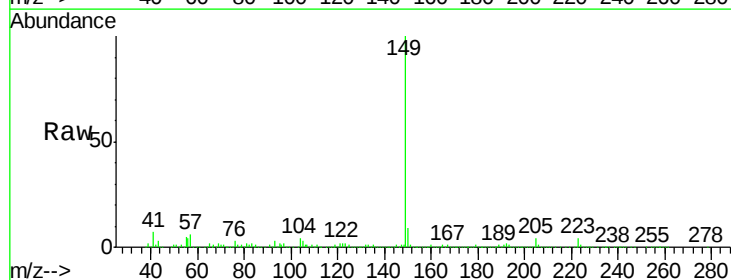
Tgt Ion:149 Resp: 540336

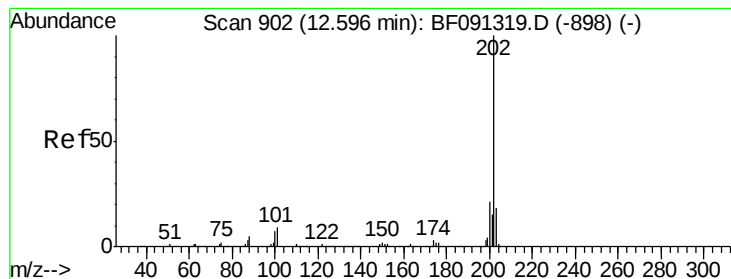
Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

104 3.9 4.0 6.0#





#74

Fluoranthene

Concen: 30.10 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

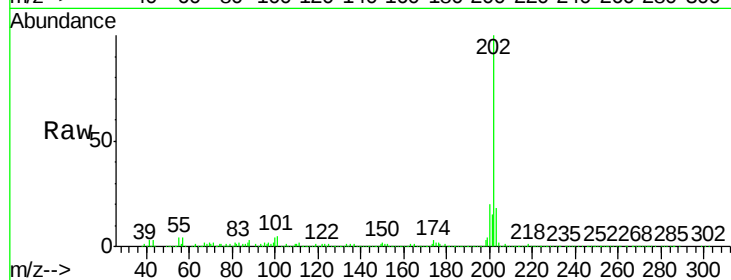
Tgt Ion:202 Resp: 591011

Ion Ratio Lower Upper

202 100

101 5.4 0.0 29.5

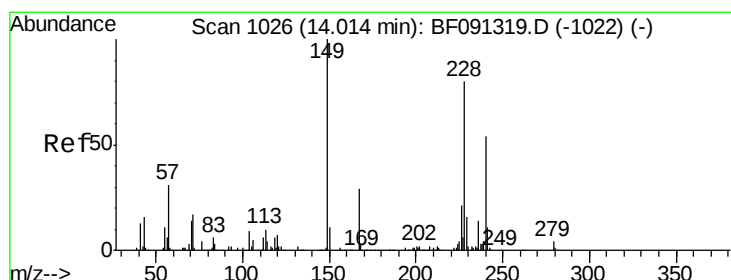
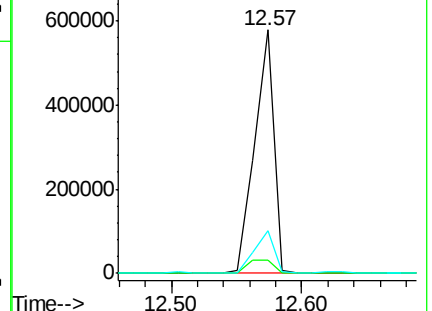
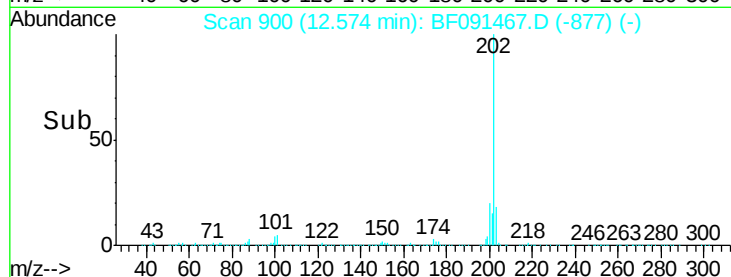
203 17.8 0.0 37.8



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. -0.05 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

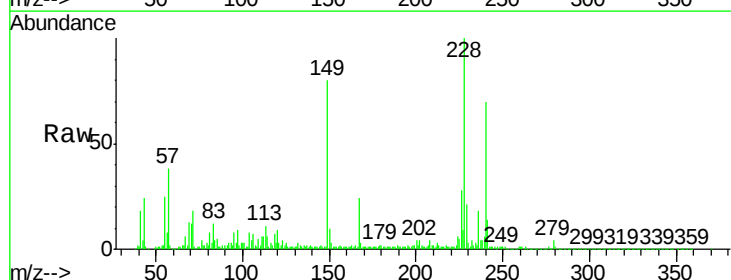
Tgt Ion:240 Resp: 304468

Ion Ratio Lower Upper

240 100

120 13.2 12.1 18.1

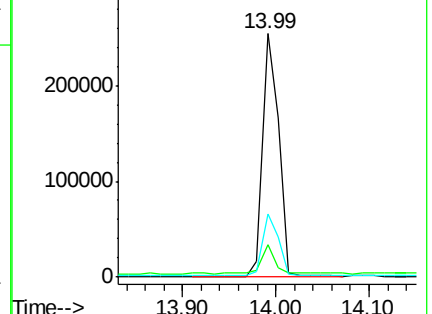
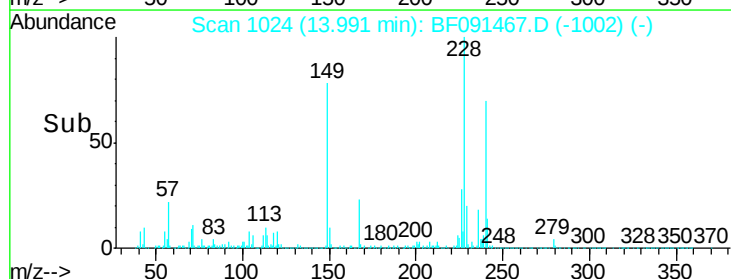
236 25.7 21.0 31.6

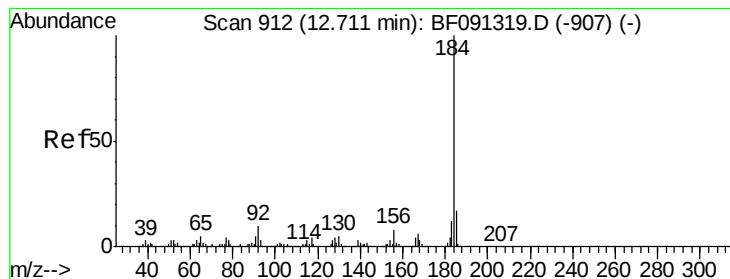


Abundance Ion 240.00 (239.70 to 240.70): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

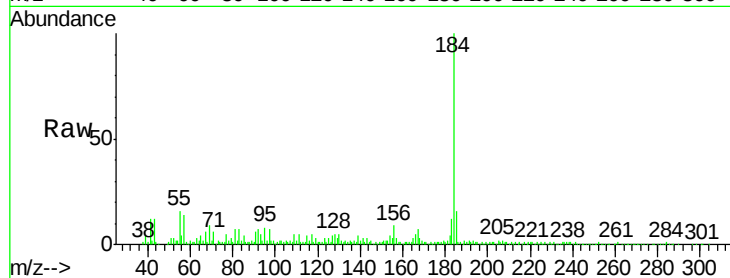
Tgt Ion:184 Resp: 174269

Ion Ratio Lower Upper

184 100

185 16.1 13.1 19.7

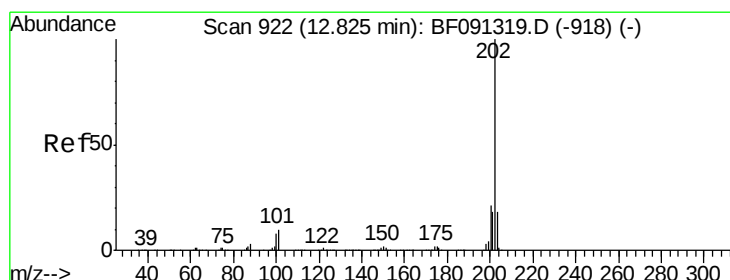
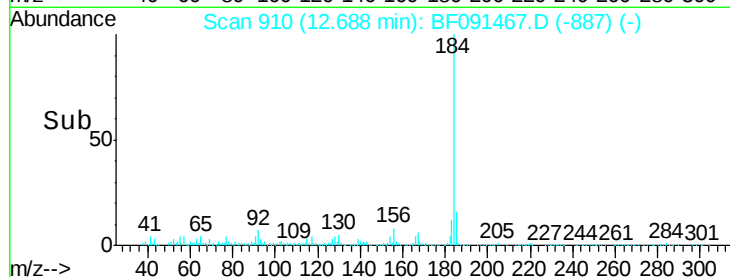
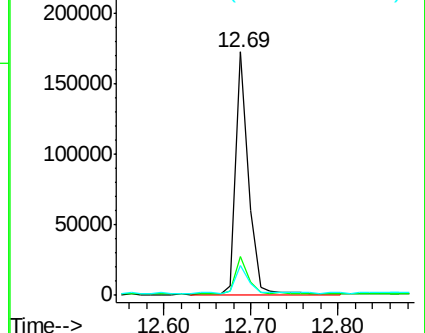
183 12.4 8.9 13.3



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

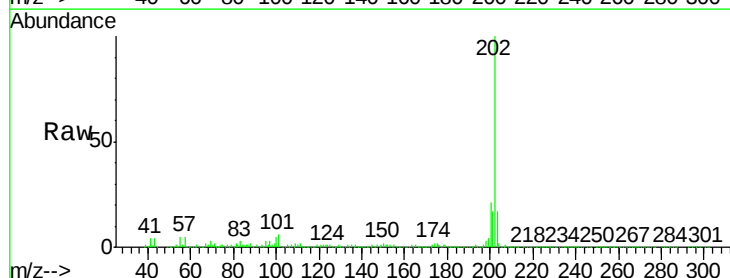
Tgt Ion:202 Resp: 594238

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

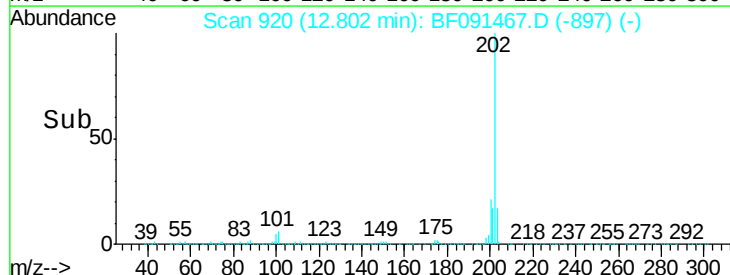
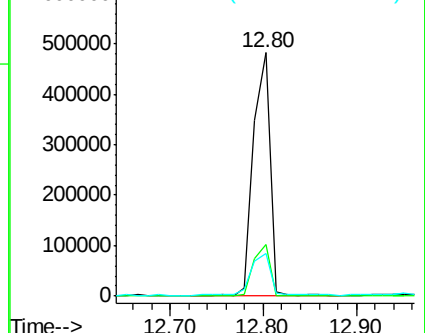
203 17.4 14.0 21.0

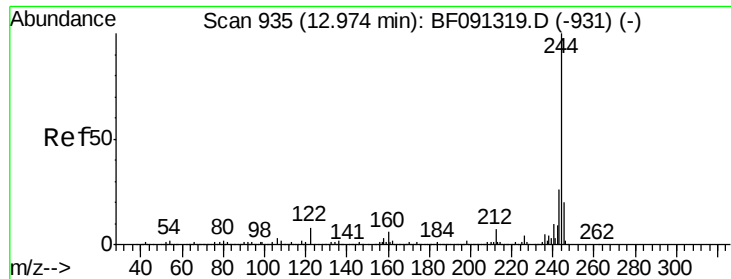


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

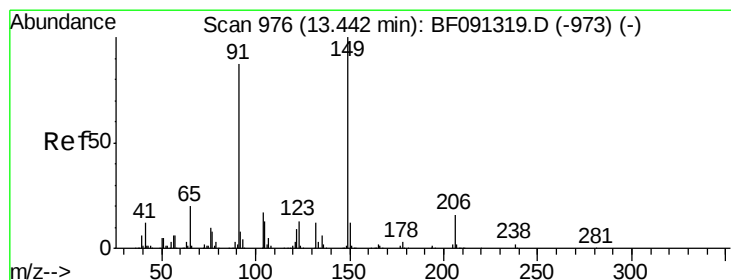
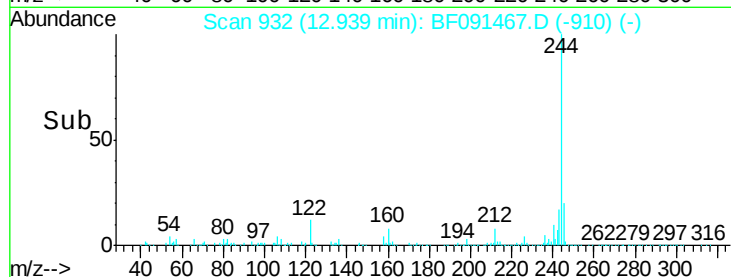
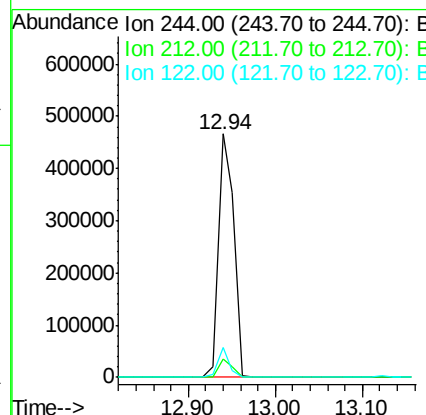
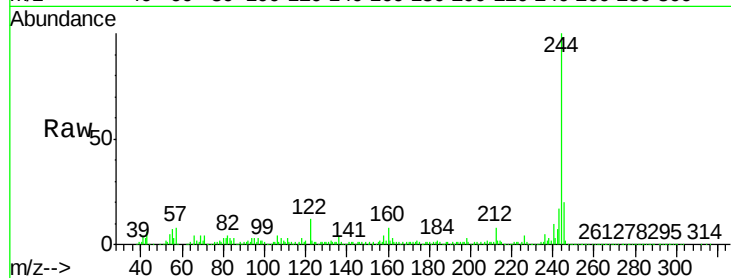




#78
 Terphenyl-d14
 Concen: 41.59 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

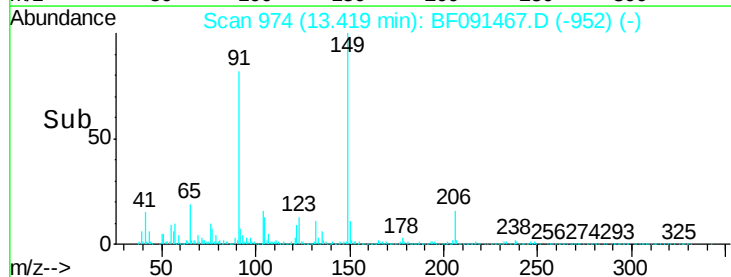
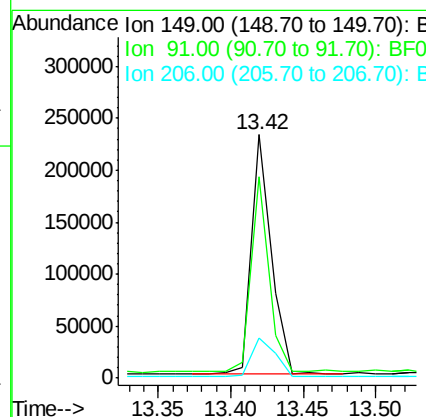
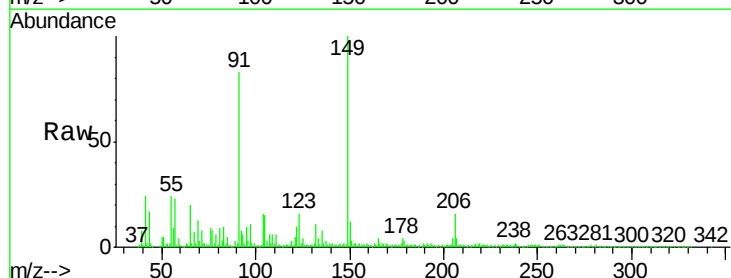
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MSD

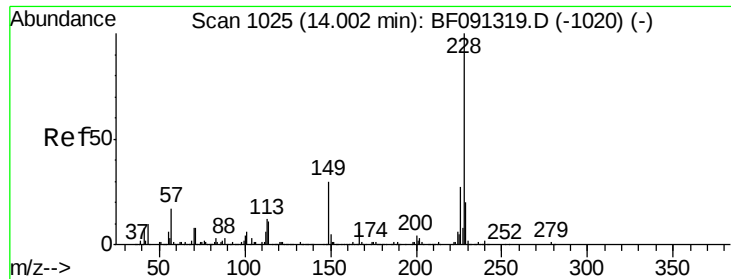
Tgt Ion:244 Resp: 582577
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 12.4 9.5 14.3



#79
 Butylbenzylphthalate
 Concen: 25.24 ng
 RT: 13.42 min Scan# 974
 Delta R.T. -0.05 min
 Lab File: BF091467.D
 Acq: 6 Dec 2016 19:12

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





#80

Benzo(a)anthracene

Concen: 30.74 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

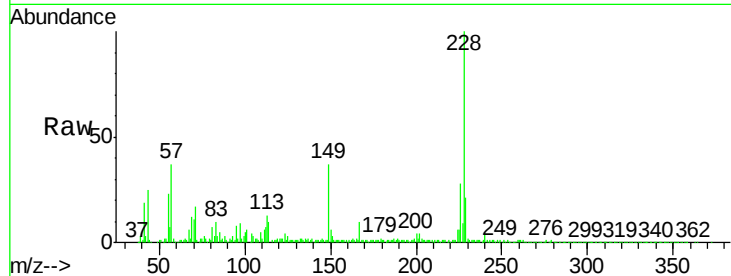
Tgt Ion:228 Resp: 547325

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

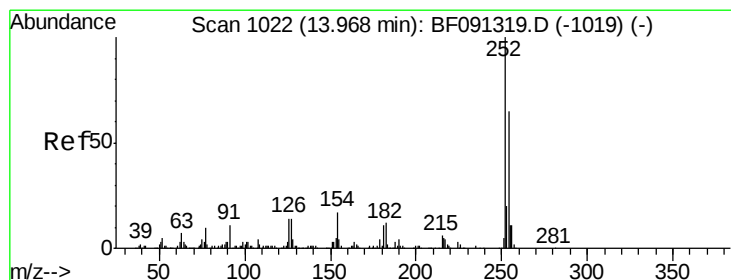
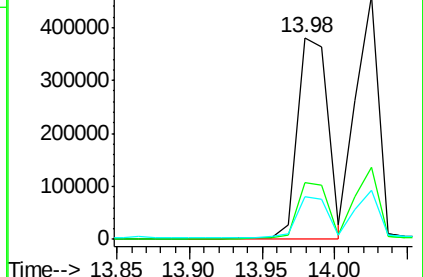
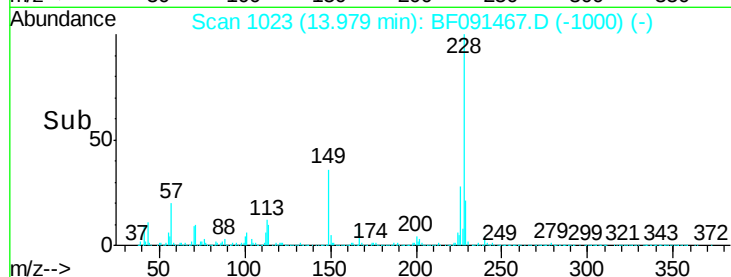
229 21.3 16.4 24.6



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

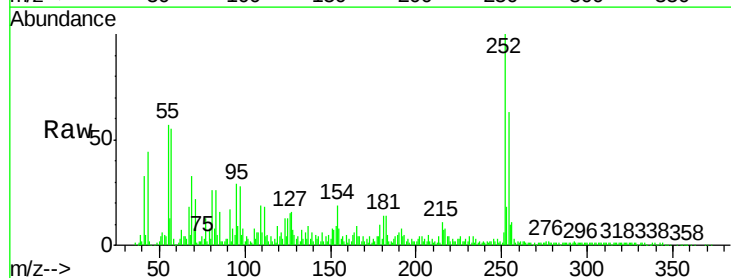
Tgt Ion:252 Resp: 116908

Ion Ratio Lower Upper

252 100

254 63.4 52.1 78.1

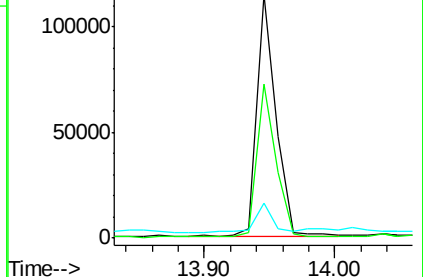
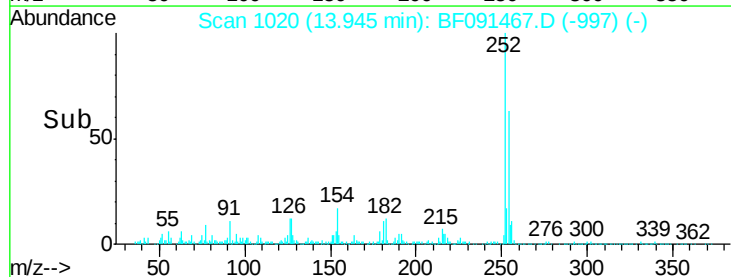
126 14.6 7.5 11.3#

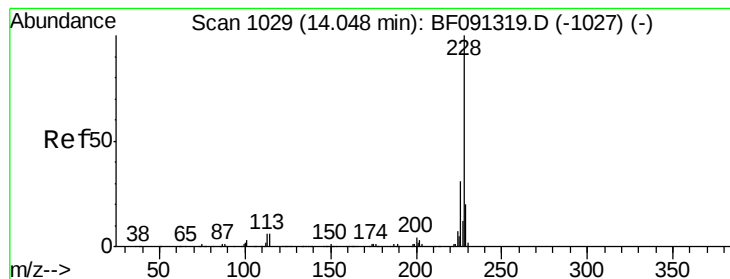


Abundance Ion 252.00 (251.70 to 252.70): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

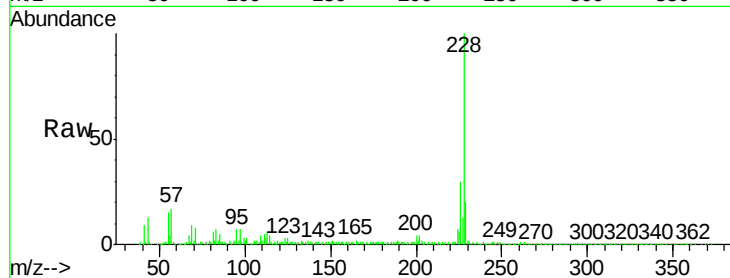
Tgt Ion:228 Resp: 498104

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.4

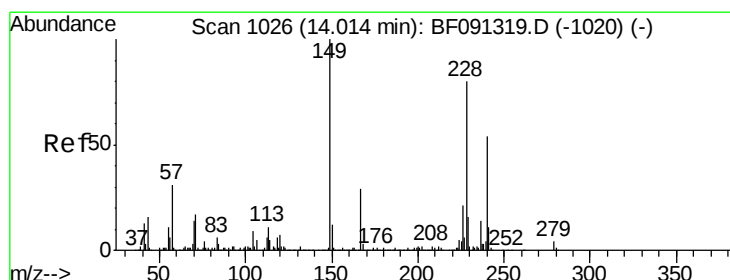
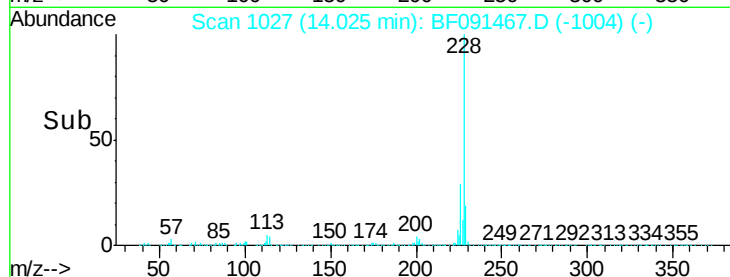
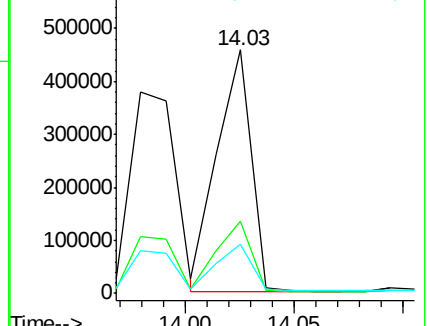
229 19.9 16.0 24.0



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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

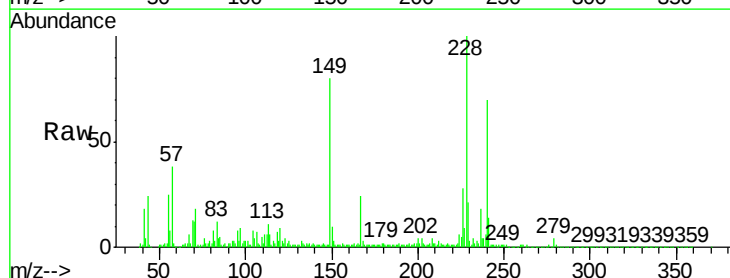
Tgt Ion:149 Resp: 297202

Ion Ratio Lower Upper

149 100

167 30.0 19.6 29.4#

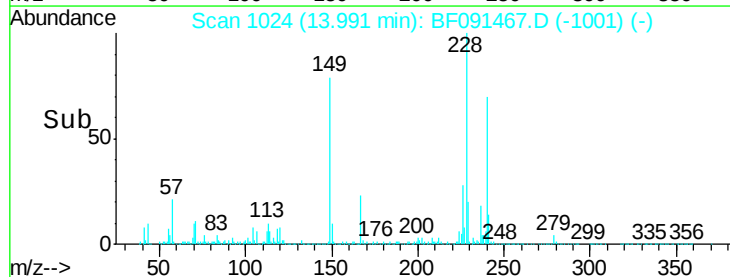
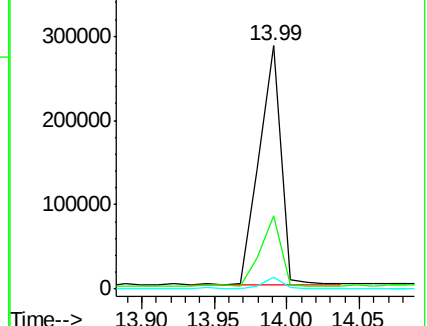
279 5.1 1.9 2.9#

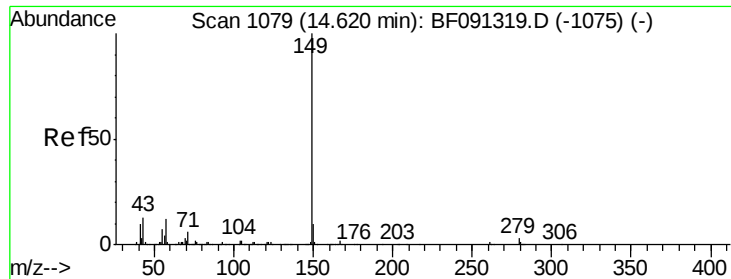


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.04 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

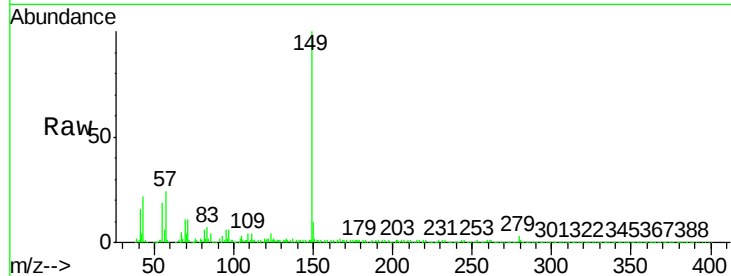
Tgt Ion:149 Resp: 536365

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

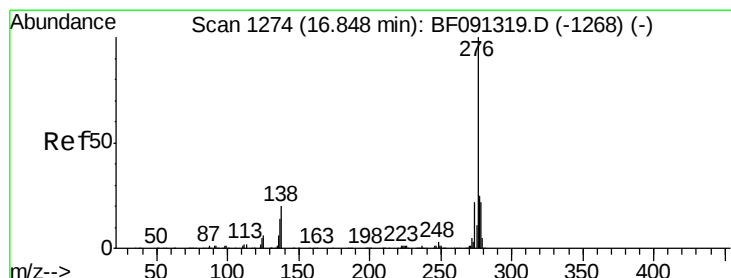
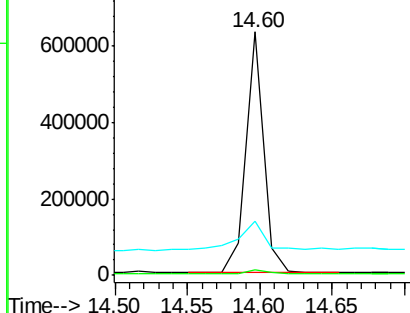
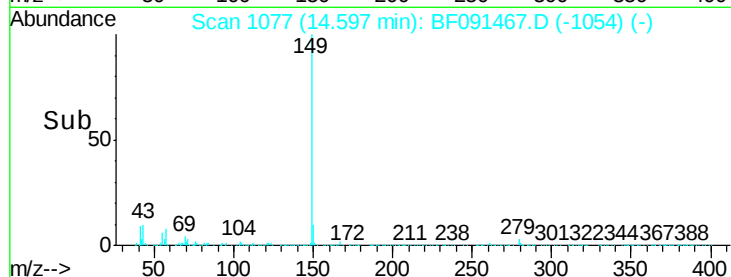
43 19.4 11.9 17.9#



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. -0.07 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

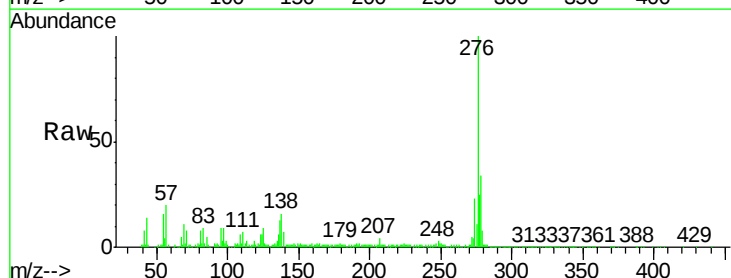
Tgt Ion:276 Resp: 403675

Ion Ratio Lower Upper

276 100

138 17.8 21.0 31.4#

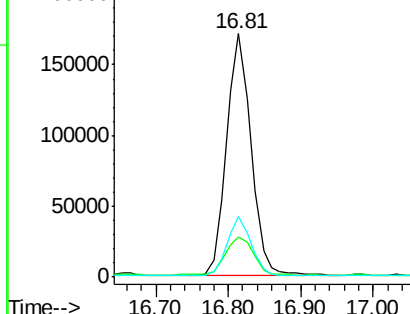
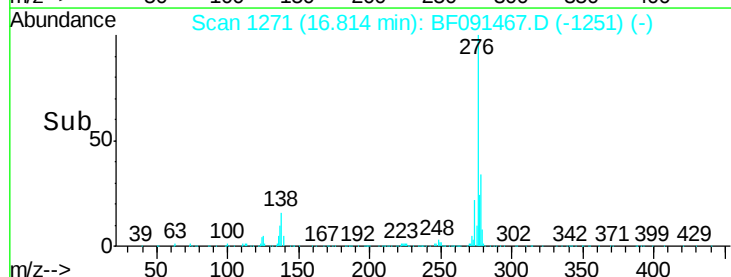
277 24.4 20.2 30.2

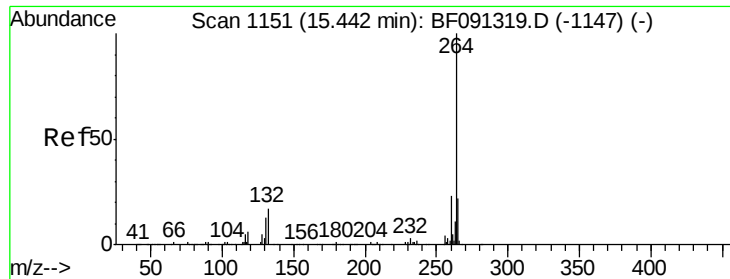


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



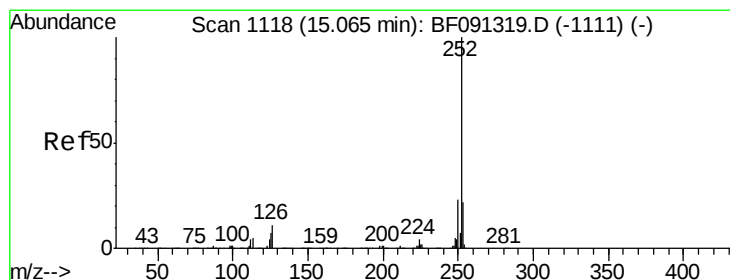
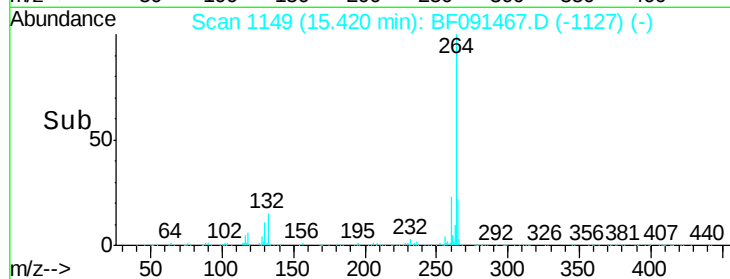
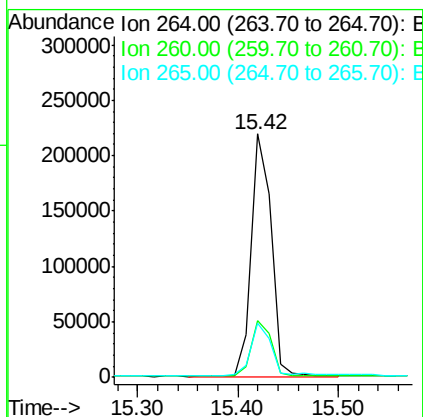
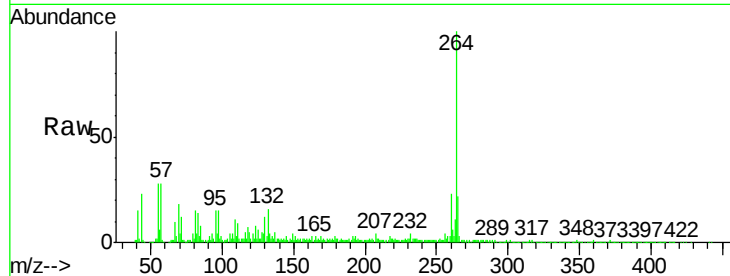


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

Tgt Ion: 264 Resp: 301701

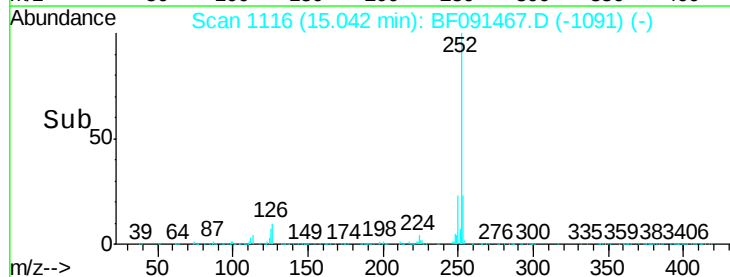
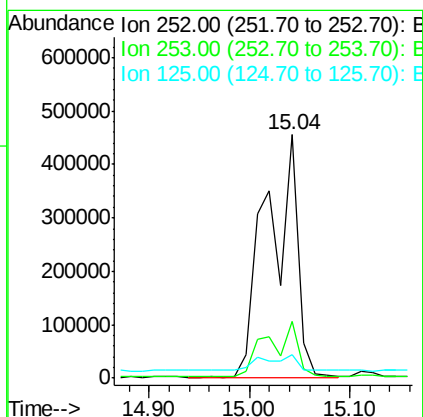
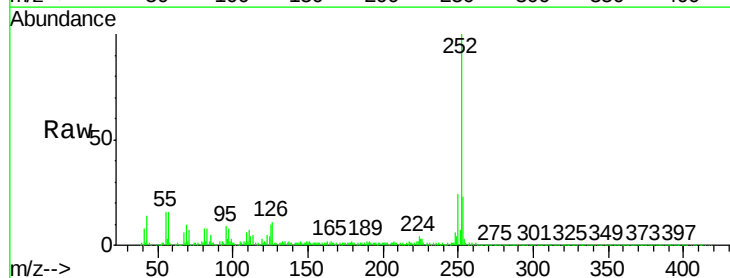
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.3	17.0	25.6

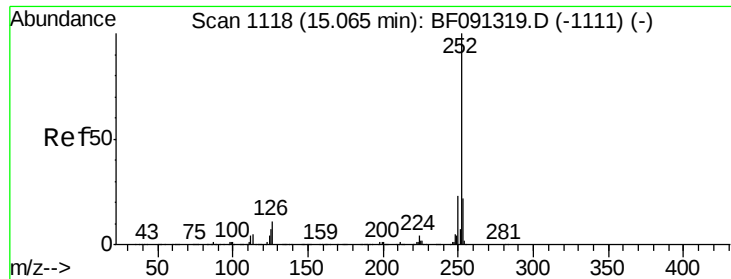


#87
Benzo(b)fluoranthene
Concen: 51.25 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

Tgt Ion: 252 Resp: 961083

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.8	8.6	13.0

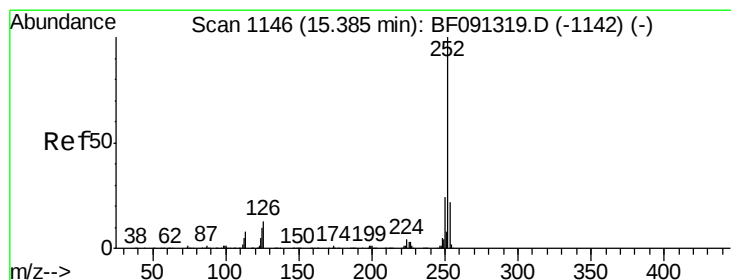
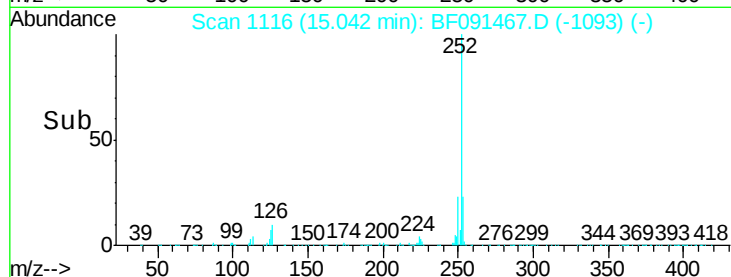
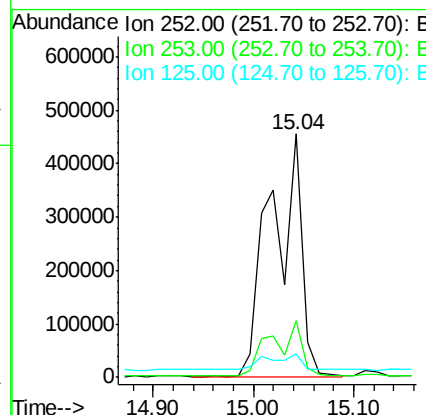
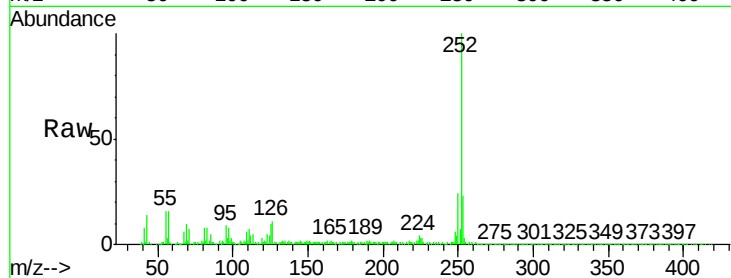




#88
Benzo(k)fluoranthene
Concen: 60.95 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

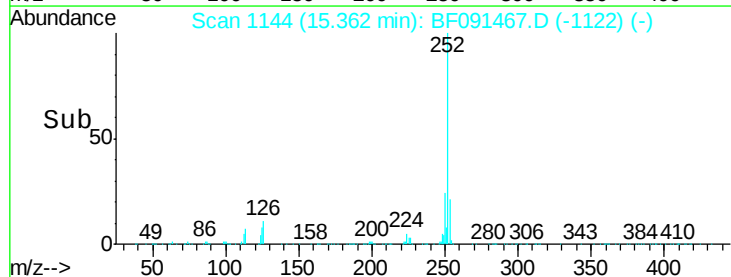
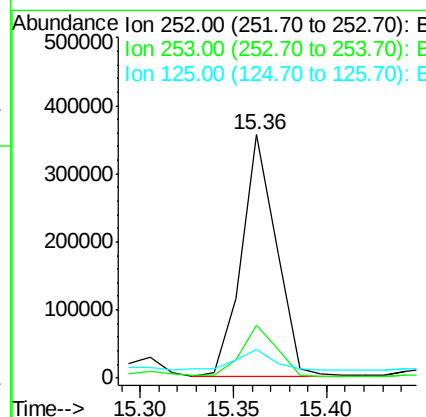
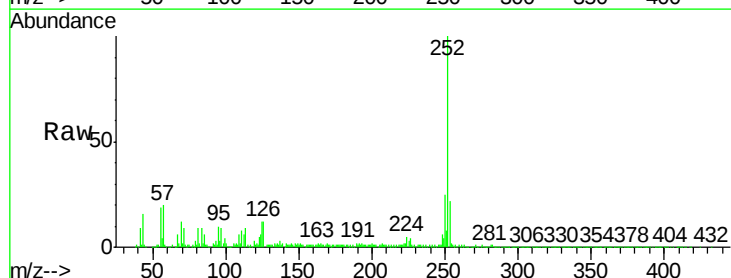
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MSD

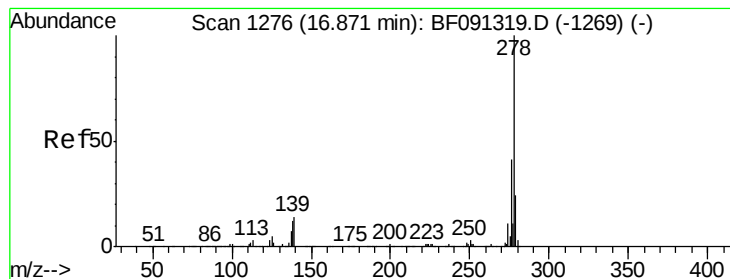
Tgt Ion:252 Resp: 961083
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 9.8 9.6 14.4



#89
Benzo(a)pyrene
Concen: 27.51 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF091467.D
Acq: 6 Dec 2016 19:12

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





#90

Dibenzo(a,h)anthracene

Concen: 20.65 ng

RT: 16.84 min Scan# 1273

Delta R.T. -0.07 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MSD

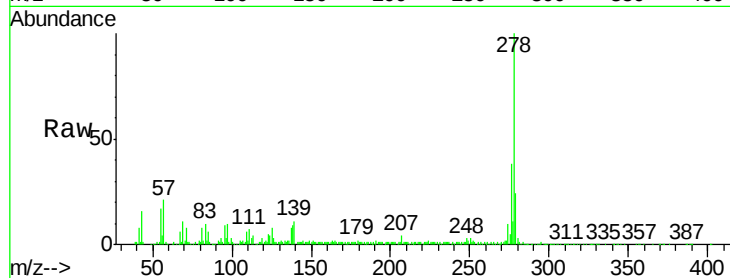
Tgt Ion: 278 Resp: 321684

Ion Ratio Lower Upper

278 100

139 11.1 15.1 22.7#

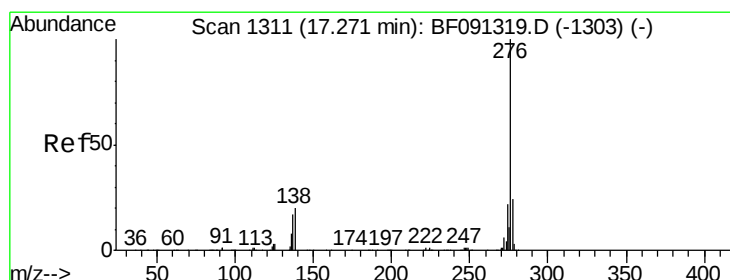
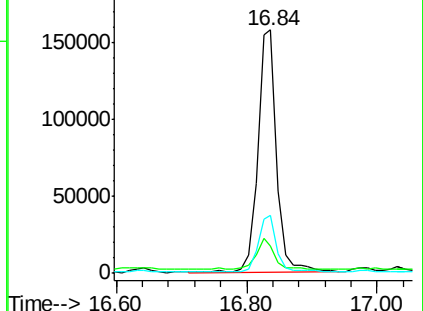
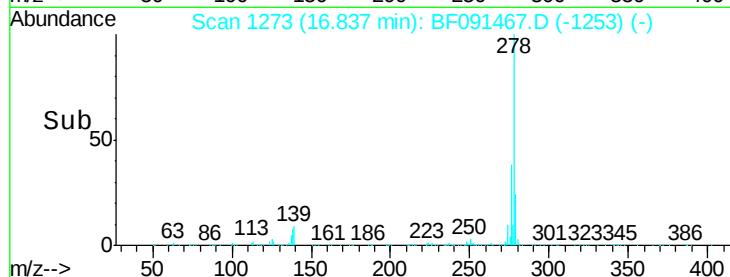
279 24.0 19.0 28.6



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. -0.09 min

Lab File: BF091467.D

Acq: 6 Dec 2016 19:12

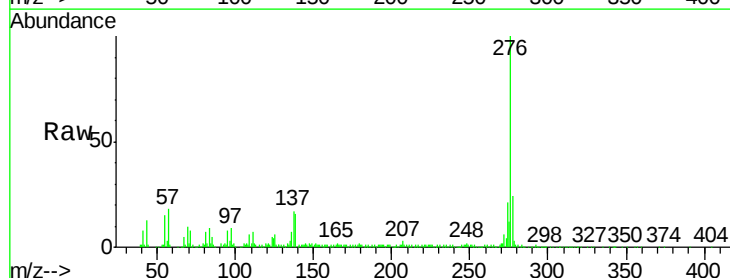
Tgt Ion: 276 Resp: 321732

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

