

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091466.D
 Acq On : 6 Dec 2016 18:44
 Operator : UM/SJ
 Sample : H5836-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

Quant Time: Dec 07 00:55:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123873	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	446646	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	256125	20.00	ng	0.01
63) Phenanthrene-d10	11.36	188	374236	20.00	ng	0.00
75) Chrysene-d12	14.00	240	287923	20.00	ng	0.01
86) Perylene-d12	15.43	264	261072	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	898200	118.45	ng	0.01
7) Phenol-d6	6.48	99	1278997	137.02	ng	0.01
23) Nitrobenzene-d5	7.41	82	813286	102.04	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	345959	142.68	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1498907	105.96	ng	0.01
78) Terphenyl-d14	12.95	244	1082670	81.73	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	133608	38.95	ng	# 81
3) Pyridine	3.21	79	324365	33.41	ng	# 82
4) n-Nitrosodimethylamine	3.17	42	226728	44.51	ng	94
6) Aniline	6.50	93	343988	27.74	ng	# 89
8) 2-Chlorophenol	6.63	128	367782	44.24	ng	85
9) Benzaldehyde	6.38	77	94415	15.73	ng	98
10) Phenol	6.49	94	461843	42.05	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	366313	46.68	ng	100
12) 1,3-Dichlorobenzene	6.78	146	390382m	42.21	ng	
13) 1,4-Dichlorobenzene	6.86	146	388662	42.25	ng	95
14) 1,2-Dichlorobenzene	7.02	146	415498	48.49	ng	95
15) Benzyl Alcohol	6.98	79	358396	47.98	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	731664	43.36	ng	74
17) 2-Methylphenol	7.11	107	313971	47.78	ng	# 77
18) Hexachloroethane	7.36	117	149173	45.67	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	332615	56.56	ng	# 89
20) 3+4-Methylphenols	7.26	107	373638	46.57	ng	# 66
22) Acetophenone	7.26	105	524787	49.57	ng	# 82
24) Nitrobenzene	7.43	77	448649	54.98	ng	# 89
25) Isophorone	7.67	82	770648	54.58	ng	# 96
26) 2-Nitrophenol	7.75	139	191532	51.51	ng	# 77
27) 2,4-Dimethylphenol	7.78	122	328341	47.20	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	465550	54.78	ng	91
29) 2,4-Dichlorophenol	7.99	162	325973	53.27	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	340006	49.56	ng	99
31) Naphthalene	8.15	128	978080	46.08	ng	99
32) Benzoic acid	7.86	122	24135	4.71	ng	92
33) 4-Chloroaniline	8.20	127	176275	19.43	ng	# 94
34) Hexachlorobutadiene	8.28	225	219789	52.10	ng	97
35) Caprolactam	8.56	113	122757m	69.79	ng	
36) 4-Chloro-3-methylphenol	8.69	107	310987	47.07	ng	97
37) 2-Methylnaphthalene	8.85	142	769349	53.35	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	318776	44.15	ng	98
40) Hexachlorocyclopentadiene	9.00	237	258209	77.15	ng	100

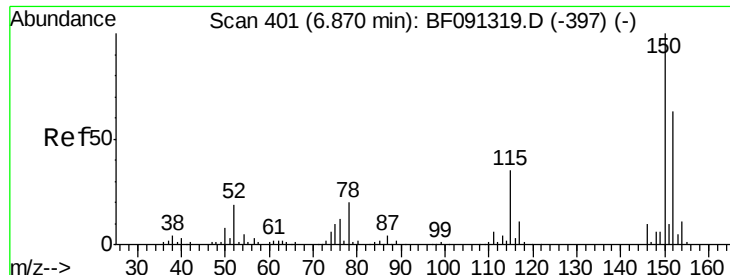
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	232556m	49.56	ng	
43) 2,4,5-Trichlorophenol	9.17	196	236681m	50.33	ng	
45) 1,1'-Biphenyl	9.30	154	786466	42.70	ng	97
46) 2-Chloronaphthalene	9.33	162	615171	44.85	ng	97
47) 2-Nitroaniline	9.43	65	233828	47.47	ng	92
48) Acenaphthylene	9.75	152	991332	45.91	ng	99
49) Dimethylphthalate	9.61	163	975355	62.89	ng	98
50) 2,6-Dinitrotoluene	9.67	165	175276	50.57	ng	91
51) Acenaphthene	9.92	154	658158	45.19	ng	96
52) 3-Nitroaniline	9.83	138	124288	30.98	ng	# 81
53) 2,4-Dinitrophenol	9.93	184	26660	17.59	ng	# 70
54) Dibenzofuran	10.09	168	934887	47.95	ng	# 89
55) 4-Nitrophenol	10.00	139	222247	76.69	ng	93
56) 2,4-Dinitrotoluene	10.07	165	227600	50.62	ng	# 76
57) Fluorene	10.42	166	656111	43.83	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	193432	48.17	ng	95
59) Diethylphthalate	10.31	149	752449	49.15	ng	96
60) 4-Chlorophenyl-phenylether	10.42	204	355973	47.41	ng	92
61) 4-Nitroaniline	10.45	138	144595	38.38	ng	83
62) Azobenzene	10.58	77	761010	48.72	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	44505	21.59	ng	88
65) n-Nitrosodiphenylamine	10.54	169	563110	49.63	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	220390	54.79	ng	# 76
67) Hexachlorobenzene	10.97	284	202580	46.61	ng	# 80
68) Atrazine	11.08	200	198281	53.96	ng	91
69) Pentachlorophenol	11.17	266	211734	82.74	ng	96
70) Phenanthrene	11.38	178	867361	44.60	ng	99
71) Anthracene	11.44	178	1009220	52.29	ng	98
72) Carbazole	11.59	167	753717	43.04	ng	98
73) Di-n-butylphthalate	11.93	149	993262	50.04	ng	99
74) Fluoranthene	12.57	202	927475	50.35	ng	98
76) Benzidine	12.69	184	251264	29.73	ng	# 96
77) Pyrene	12.80	202	1005262	46.01	ng	99
79) Butylbenzylphthalate	13.42	149	335676	41.03	ng	# 81
80) Benzo(a)anthracene	13.99	228	764234	45.39	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	157584	26.57	ng	# 97
82) Chrysene	14.03	228	713744m	42.84	ng	
83) Bis(2-ethylhexyl)phthalate	13.99	149	478816	46.17	ng	# 93
84) Di-n-octyl phthalate	14.60	149	777512	49.54	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	620890	40.69	ng	# 90
87) Benzo(b)fluoranthene	15.02	252	974923m	60.08	ng	
88) Benzo(k)fluoranthene	15.05	252	528481m	38.73	ng	
89) Benzo(a)pyrene	15.37	252	686857	47.13	ng	# 97
90) Dibenzo(a,h)anthracene	16.85	278	511306	37.93	ng	# 92
91) Benzo(g,h,i)perylene	17.25	276	502616	36.17	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF091466.D

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Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

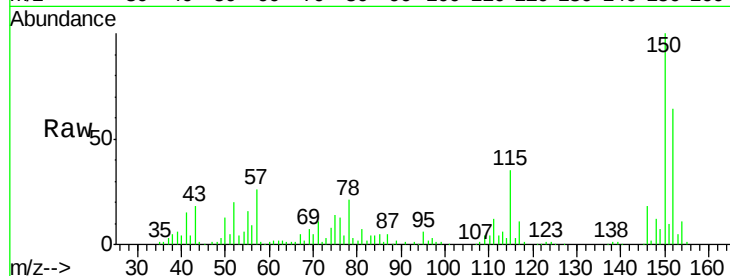
Tgt Ion:152 Resp: 123873

Ion Ratio Lower Upper

152 100

150 155.2 122.5 183.7

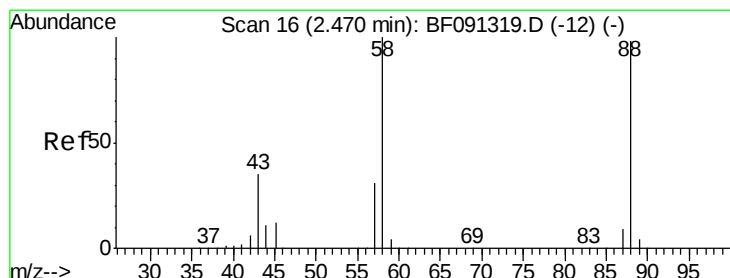
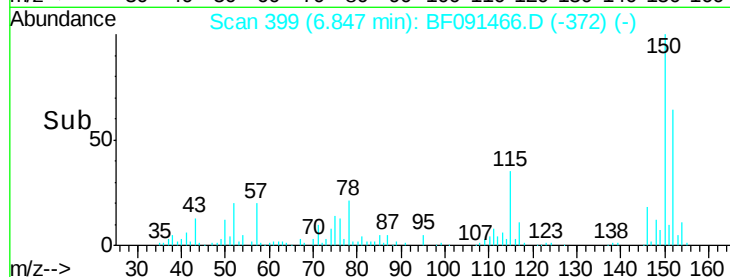
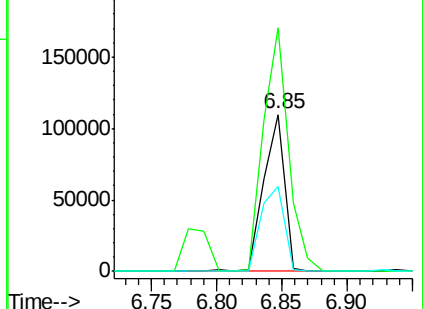
115 54.0 51.8 77.8



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: 38.95 ng

RT: 2.49 min Scan# 18

Delta R.T. 0.07 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

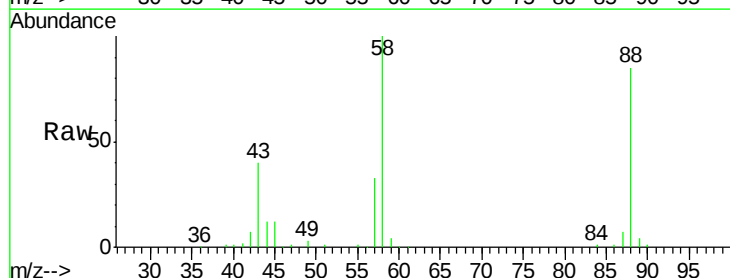
Tgt Ion: 88 Resp: 133608

Ion Ratio Lower Upper

88 100

58 110.7 70.3 105.5#

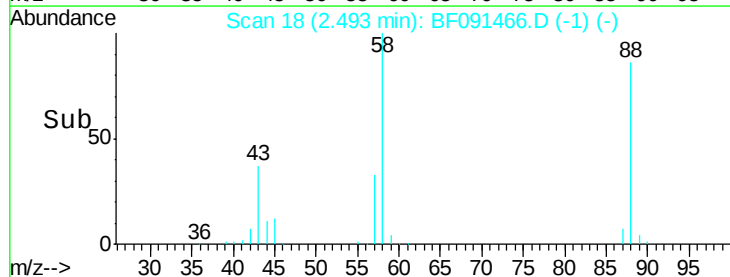
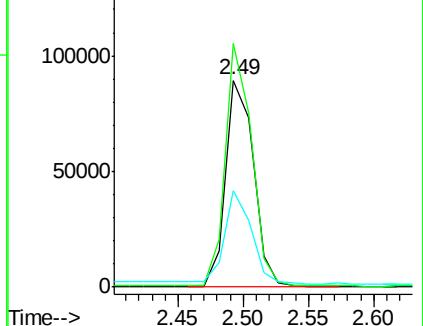
43 43.7 31.3 46.9

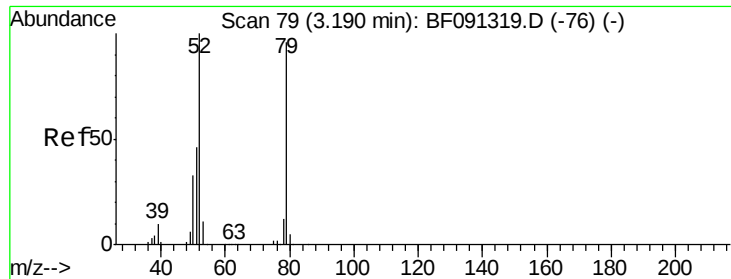


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.41 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.07 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

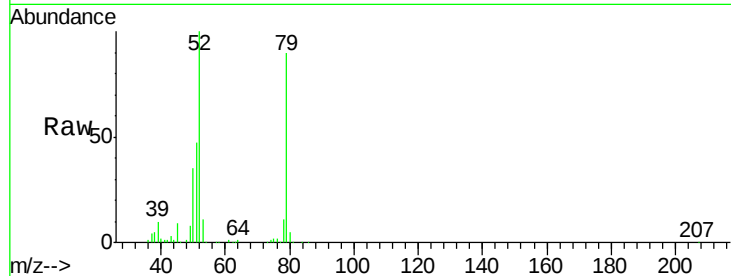
Tgt Ion: 79 Resp: 324365

Ion Ratio Lower Upper

79 100

52 110.8 71.0 106.4#

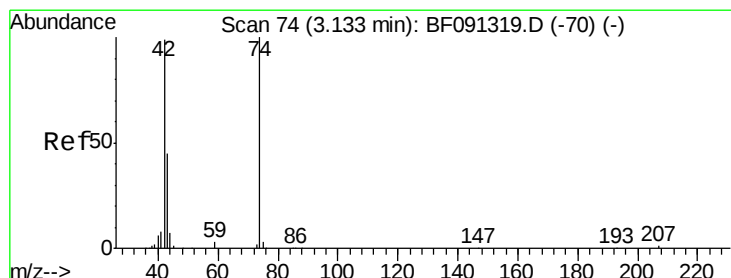
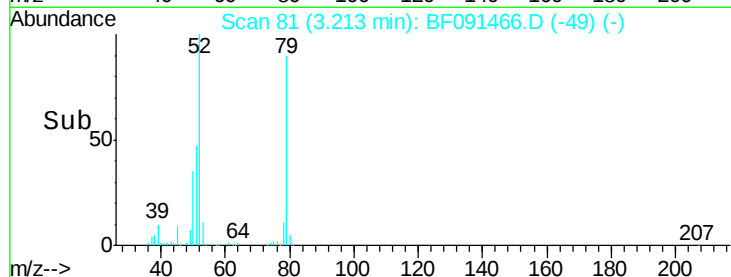
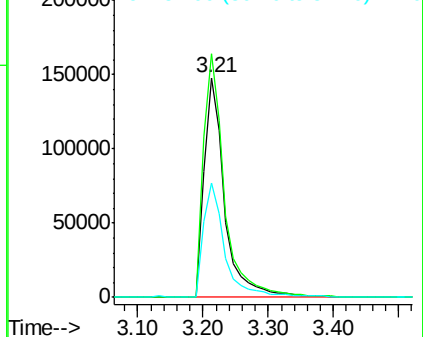
51 51.8 37.0 55.4



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: 44.51 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.08 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

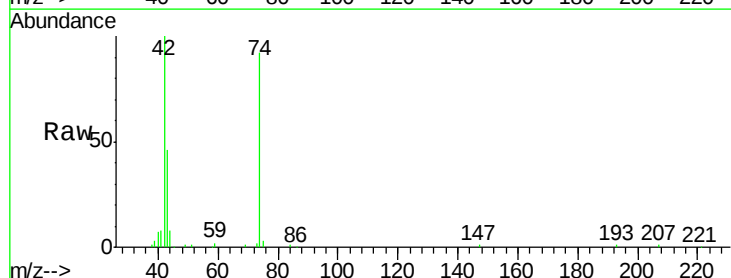
Tgt Ion: 42 Resp: 226728

Ion Ratio Lower Upper

42 100

74 92.2 78.9 118.3

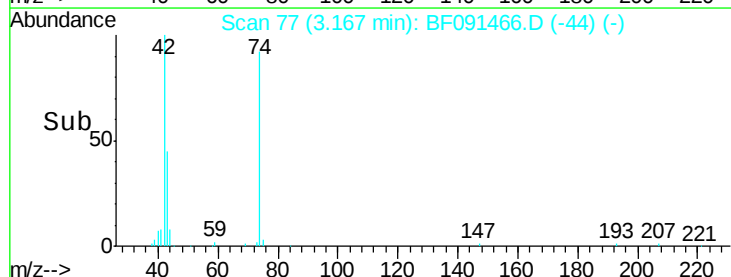
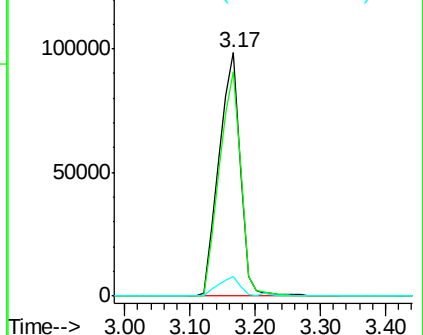
44 7.9 5.8 8.6

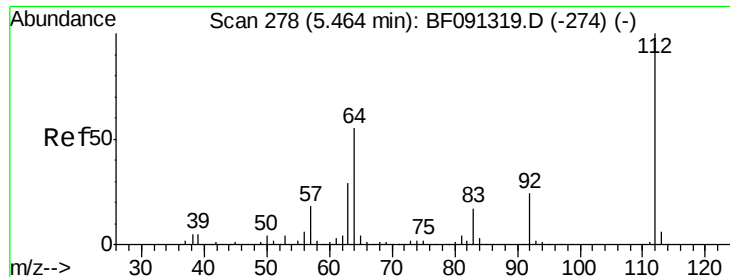


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.45 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

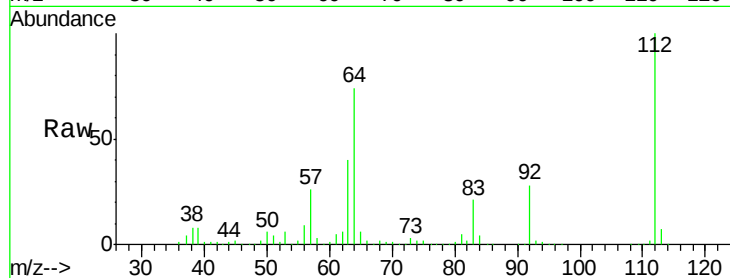
Instrument :

BNA_F

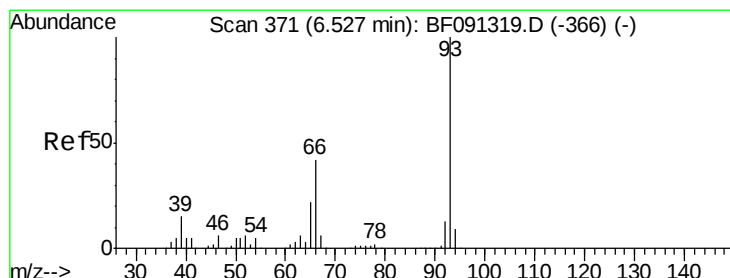
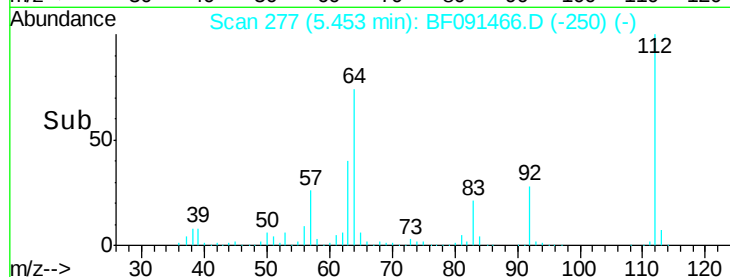
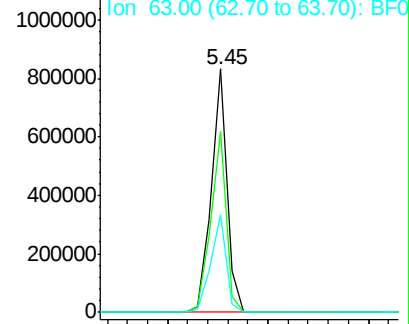
ClientSampleId :

TP14-15-COMP2MS

Tgt Ion:	112	Resp:	898200
Ion	Ratio	Lower	Upper
112	100		
64	74.3	61.5	92.3
63	40.1	33.3	49.9



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 27.74 ng

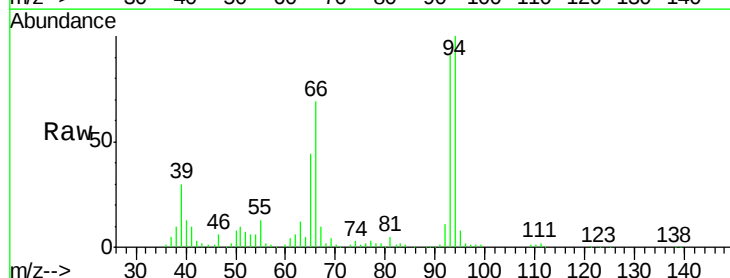
RT: 6.50 min Scan# 369

Delta R.T. -0.00 min

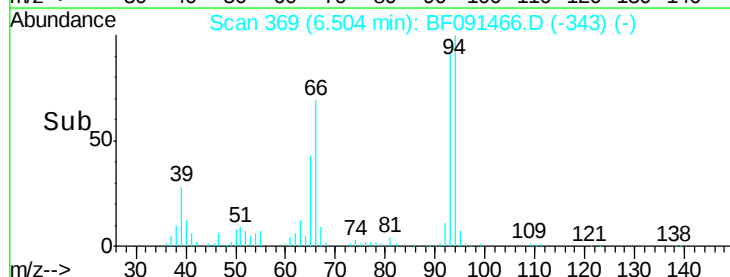
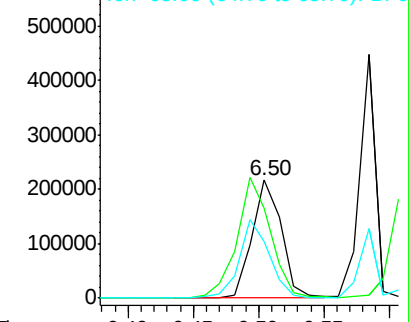
Lab File: BF091466.D

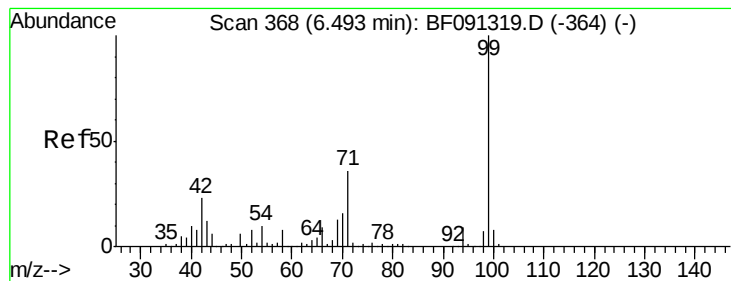
Acq: 6 Dec 2016 18:44

Tgt Ion:	93	Resp:	343988
Ion	Ratio	Lower	Upper
93	100		
66	75.8	55.8	83.6
65	47.8	29.9	44.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 137.02 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

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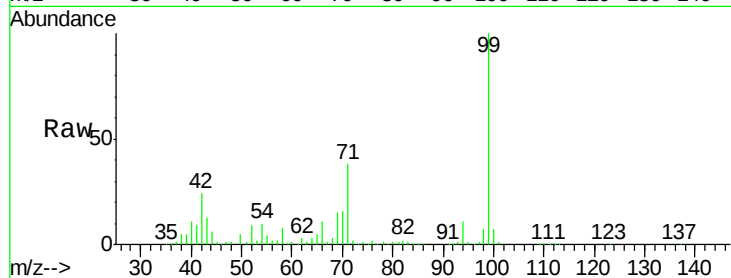
Tgt Ion: 99 Resp: 1278997

Ion Ratio Lower Upper

99 100

42 23.9 20.6 31.0

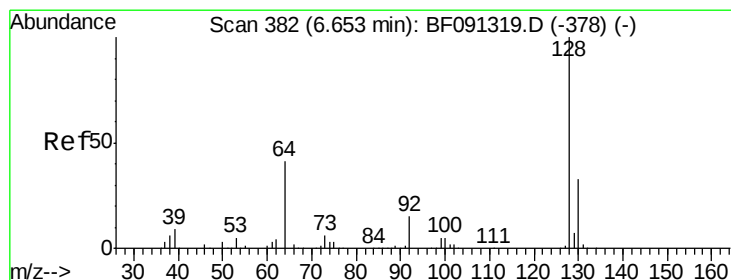
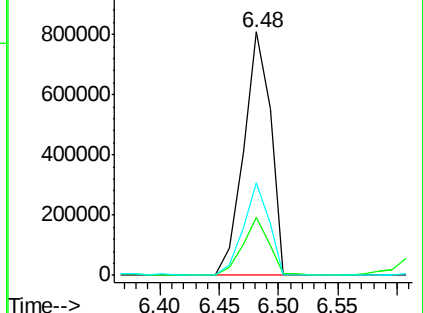
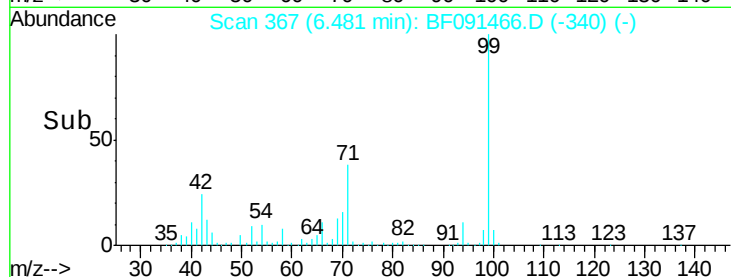
71 38.2 29.9 44.9



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: 44.24 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

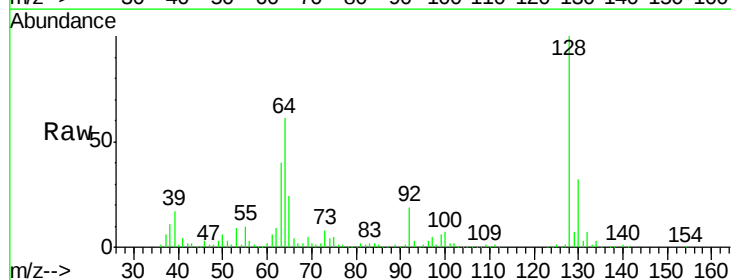
Tgt Ion: 128 Resp: 367782

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

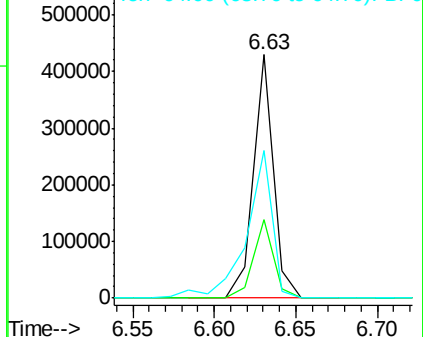
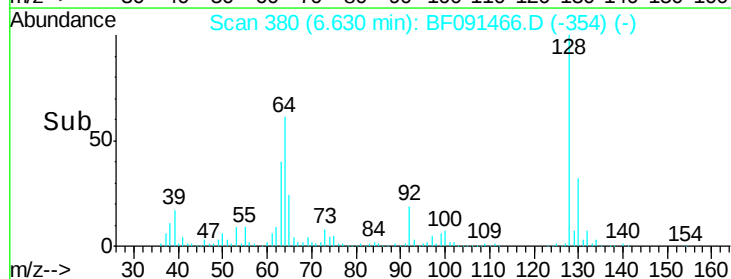
64 60.6 24.1 64.1

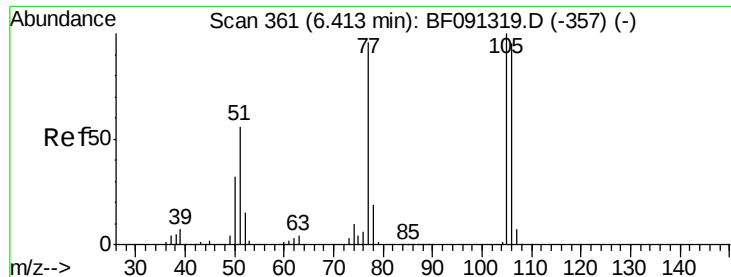


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.73 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

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ClientSampleId :

TP14-15-COMP2MS

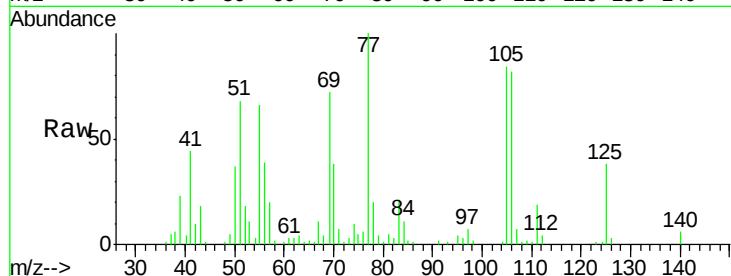
Tgt Ion: 77 Resp: 94415

Ion Ratio Lower Upper

77 100

105 83.8 66.4 106.4

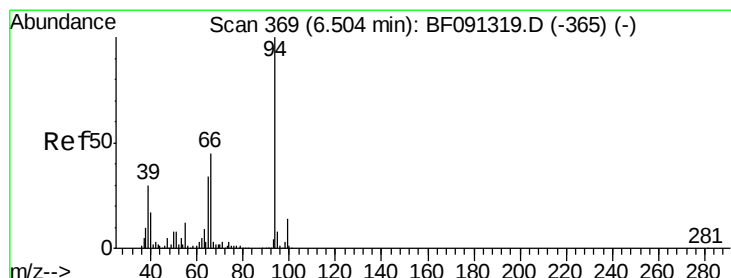
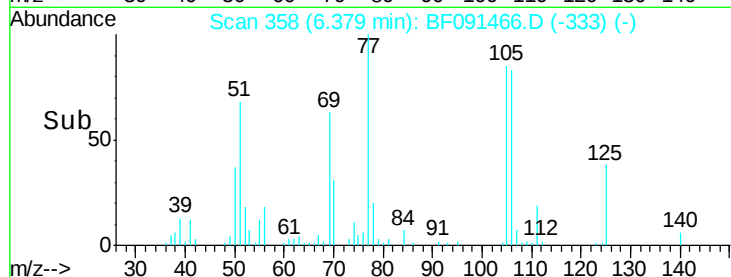
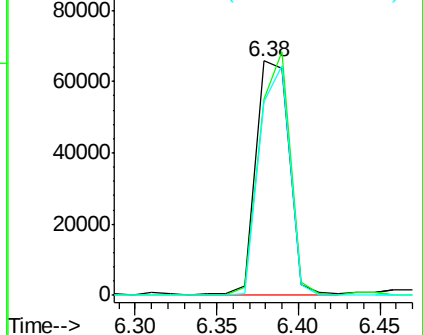
106 82.4 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.05 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

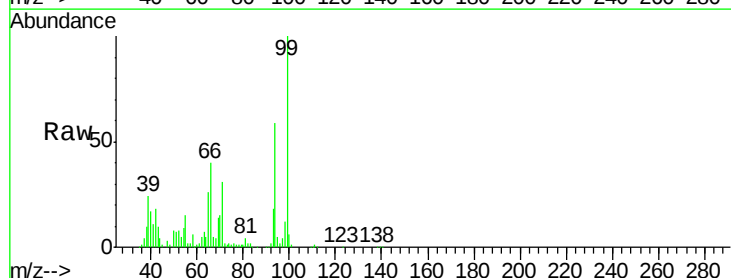
Tgt Ion: 94 Resp: 461843

Ion Ratio Lower Upper

94 100

65 44.5 16.9 56.9

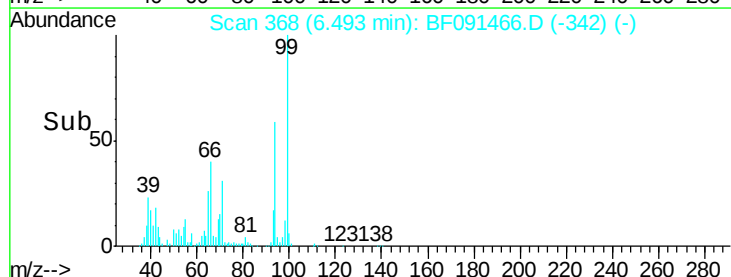
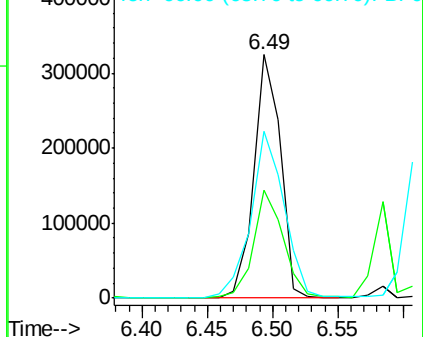
66 68.5 30.6 70.6

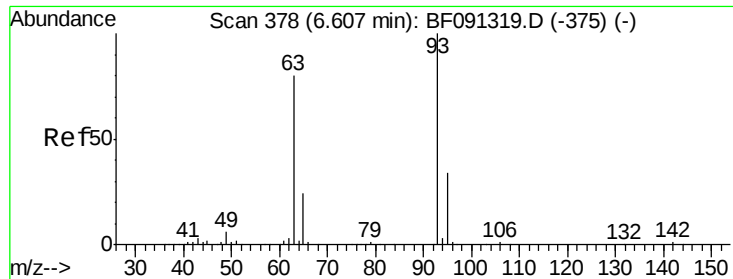


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.68 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

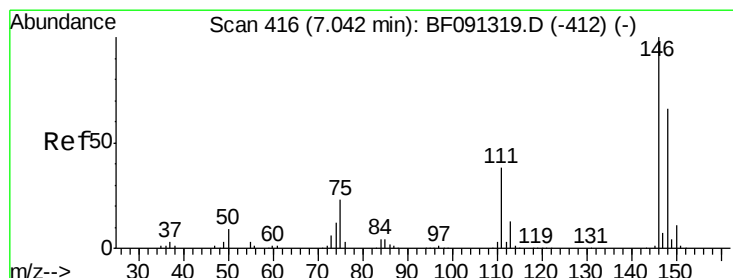
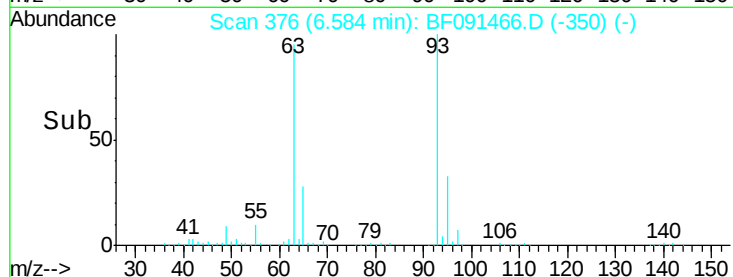
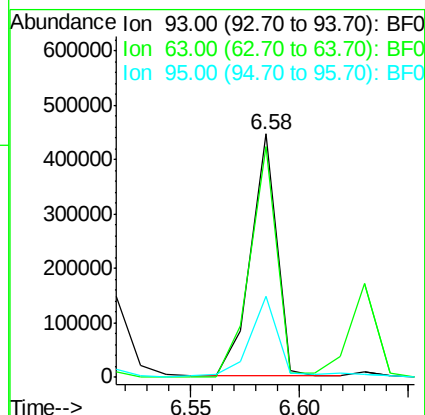
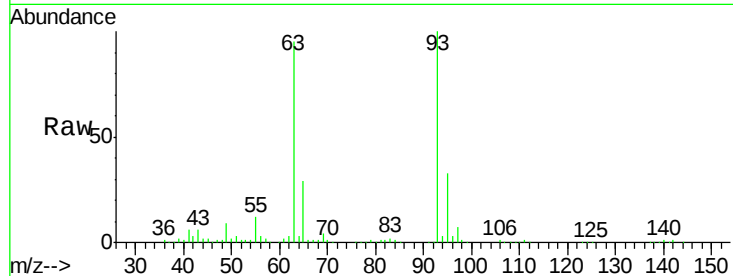
Tgt Ion: 93 Resp: 366313

Ion Ratio Lower Upper

93 100

63 94.7 74.8 114.8

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.21 ng m

RT: 6.78 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

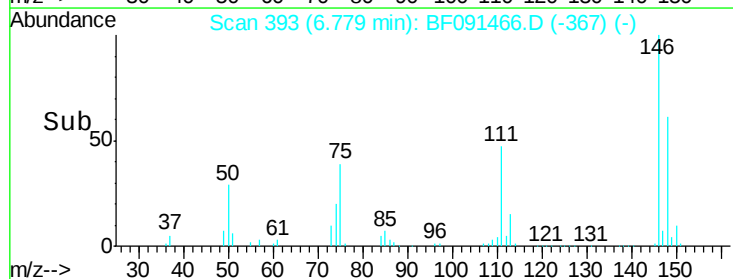
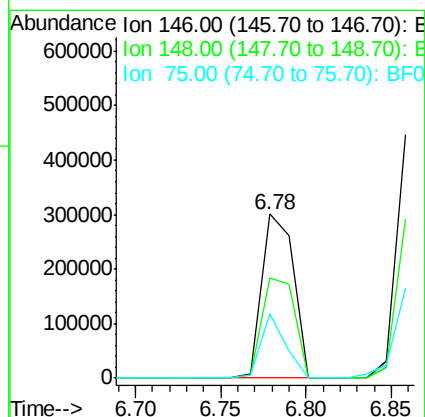
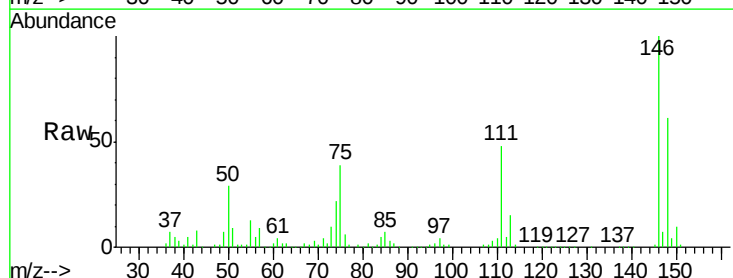
Tgt Ion: 146 Resp: 390382

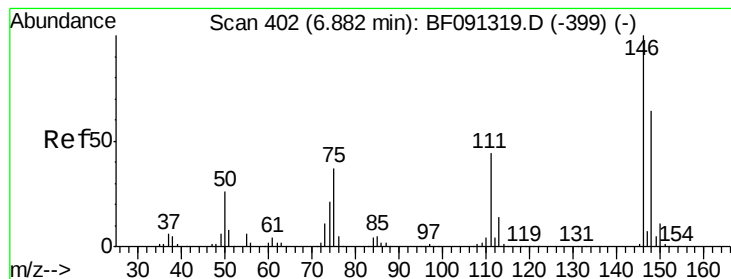
Ion Ratio Lower Upper

146 100

148 61.2 51.4 77.0

75 39.3 23.6 35.4#





#13

1,4-Dichlorobenzene

Concen: 42.25 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

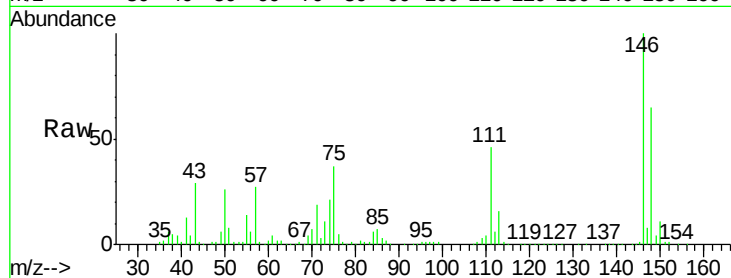
Tgt Ion:146 Resp: 388662

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.0

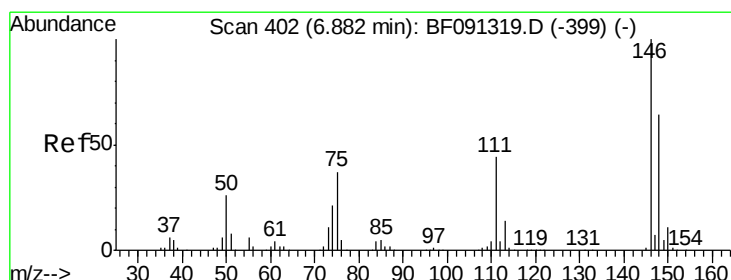
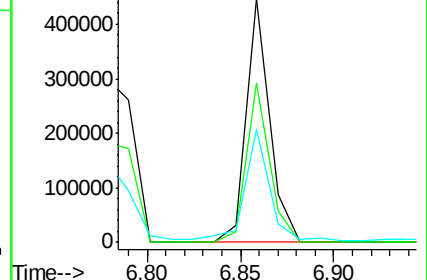
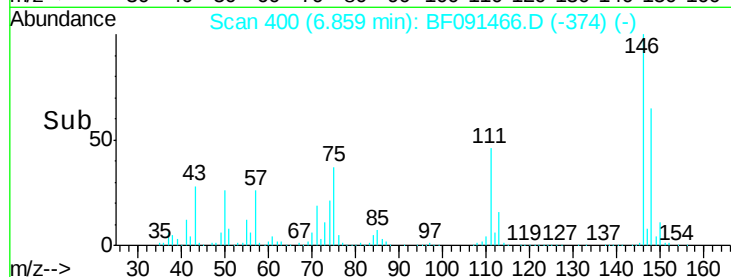
111 46.5 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.49 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

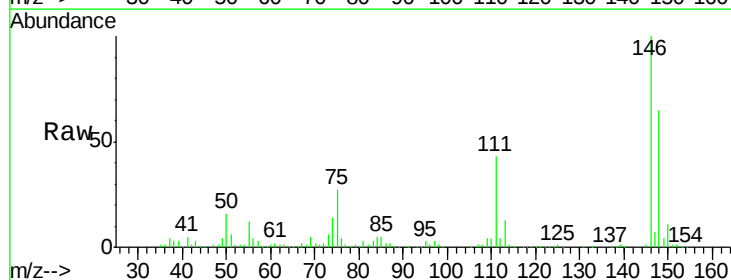
Tgt Ion:146 Resp: 415498

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.6

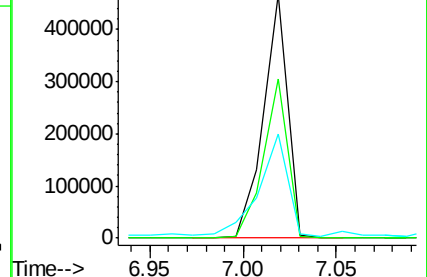
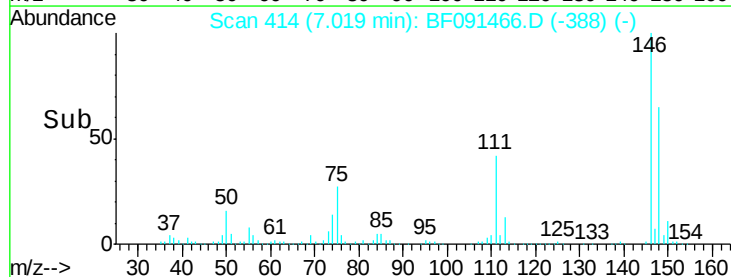
111 42.5 38.9 58.3

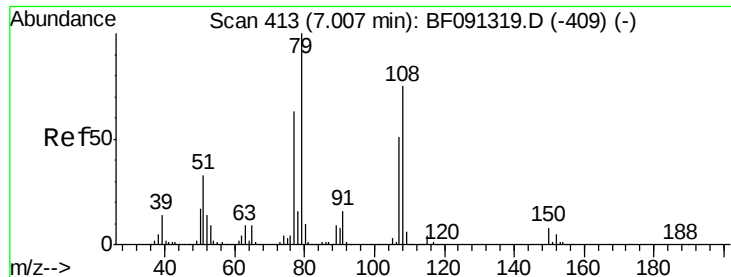


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.98 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

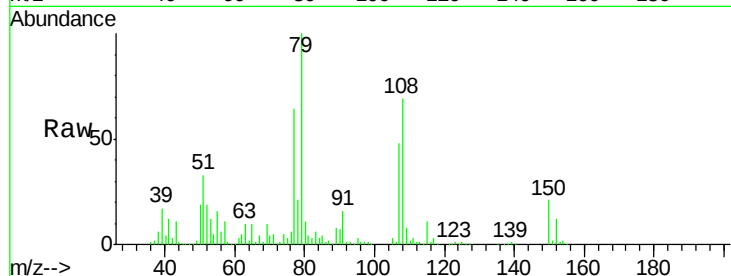
Tgt Ion: 79 Resp: 358396

Ion Ratio Lower Upper

79 100

108 68.5 62.7 94.1

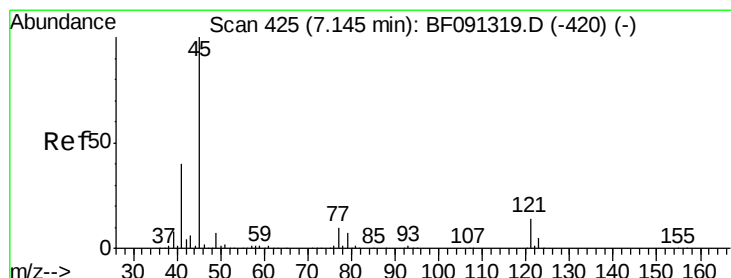
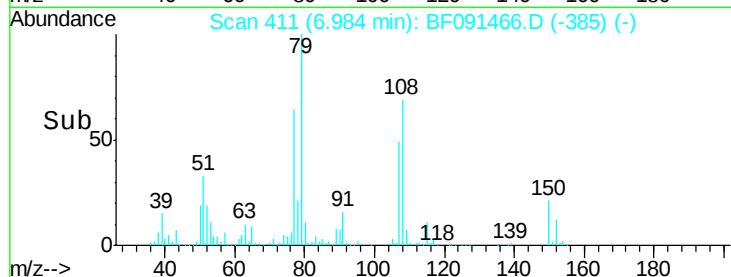
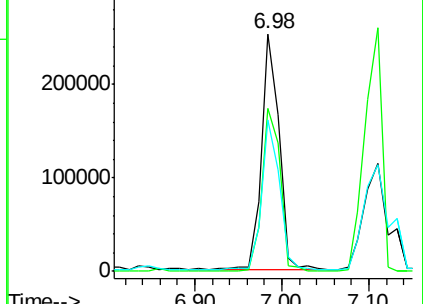
77 63.6 51.7 77.5



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: 43.36 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

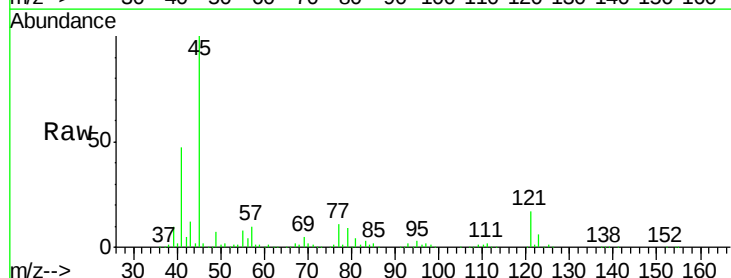
Tgt Ion: 45 Resp: 731664

Ion Ratio Lower Upper

45 100

77 10.6 3.8 43.8

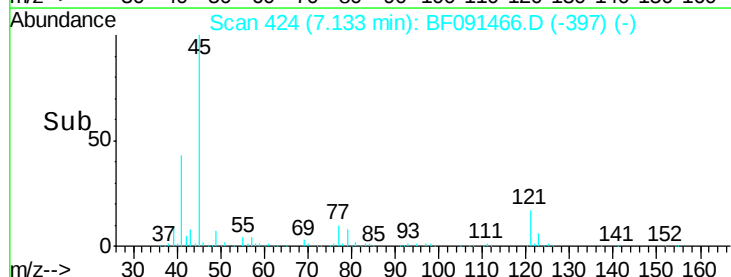
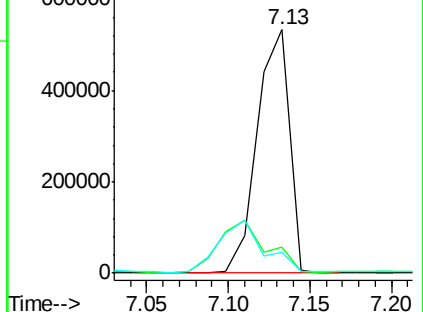
79 8.5 0.2 40.2

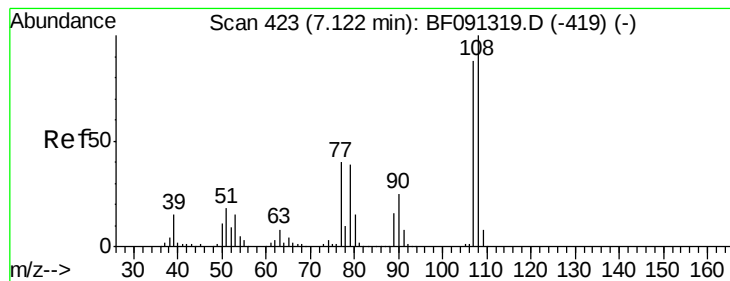


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

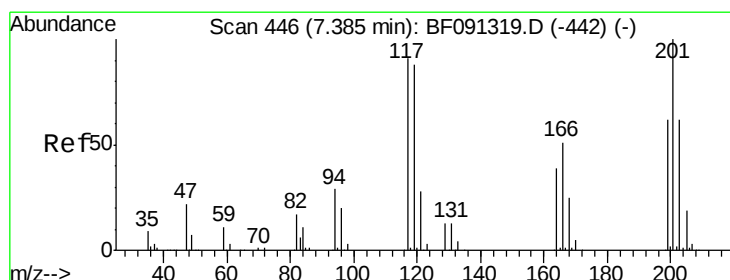
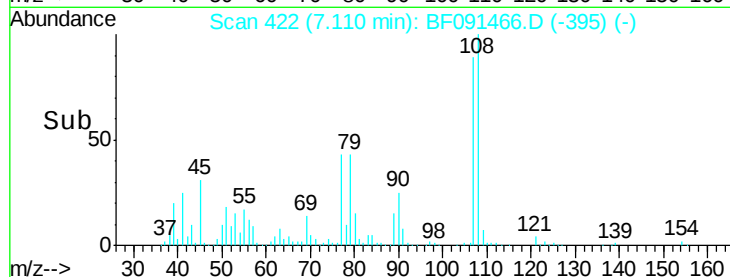
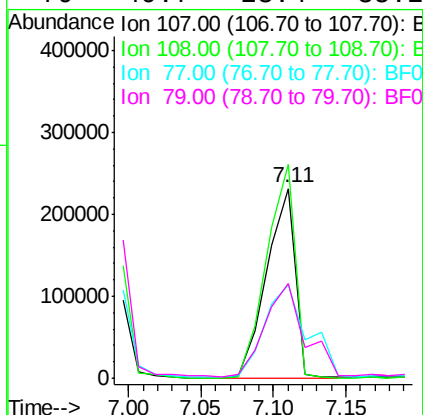
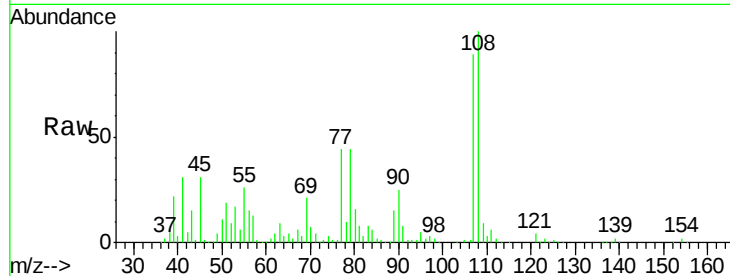




#17
2-Methylphenol
Concen: 47.78 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

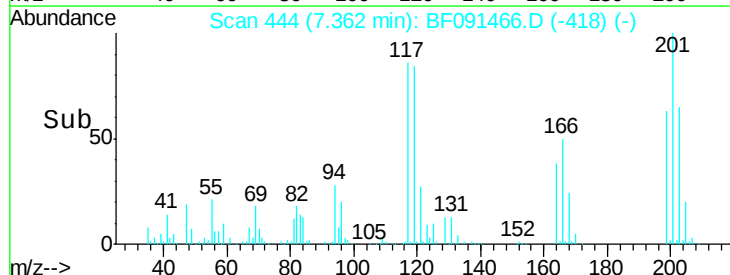
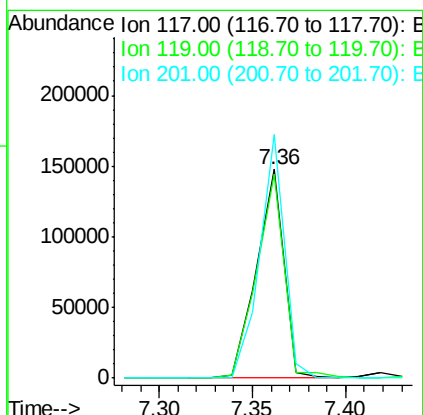
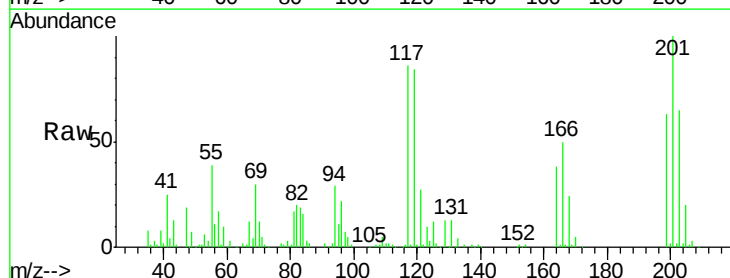
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MS

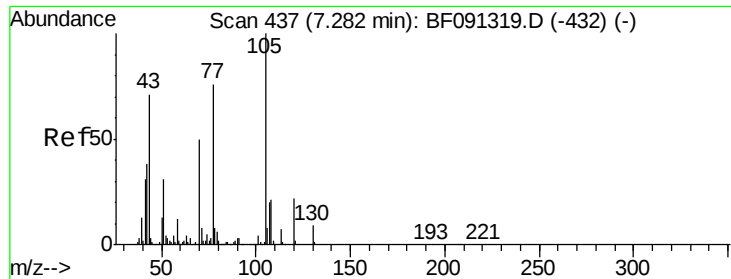
Tgt Ion:107 Resp: 313971
Ion Ratio Lower Upper
107 100
108 112.5 67.7 101.5#
77 49.5 40.7 61.1
79 49.7 23.4 35.2#



#18
Hexachloroethane
Concen: 45.67 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Tgt Ion:117 Resp: 149173
Ion Ratio Lower Upper
117 100
119 97.4 78.6 118.0
201 116.6 86.7 130.1

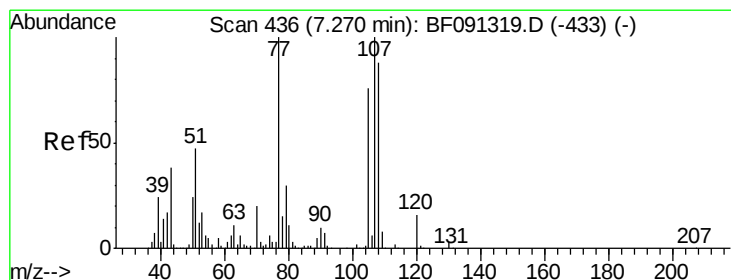
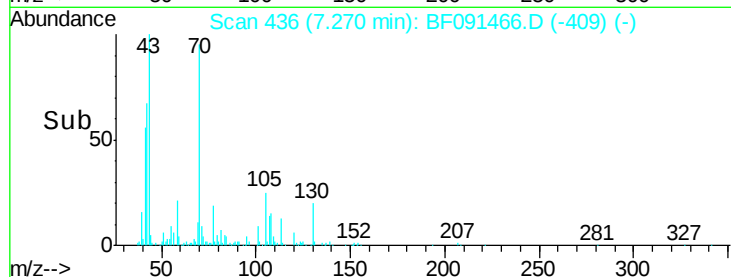
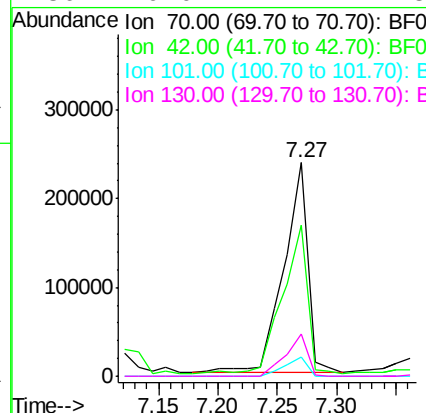
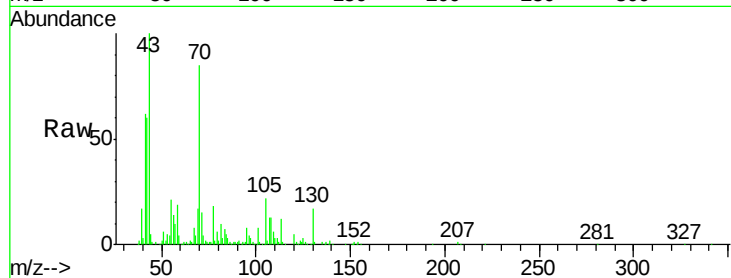




#19
n-Nitroso-di-n-propylamine
Concen: 56.56 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.01 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

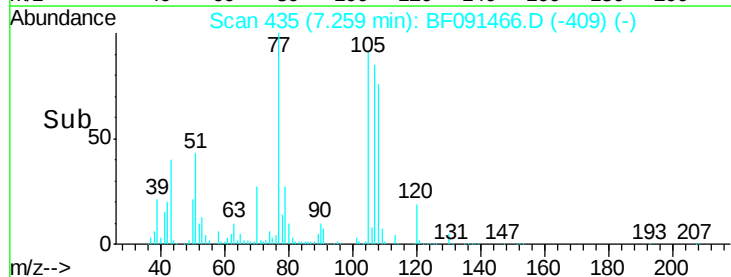
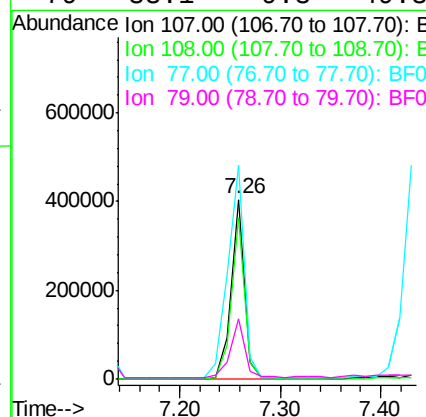
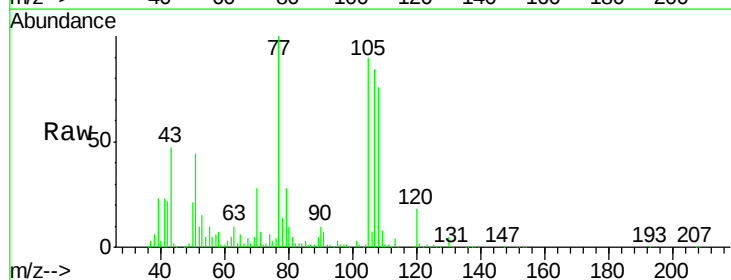
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MS

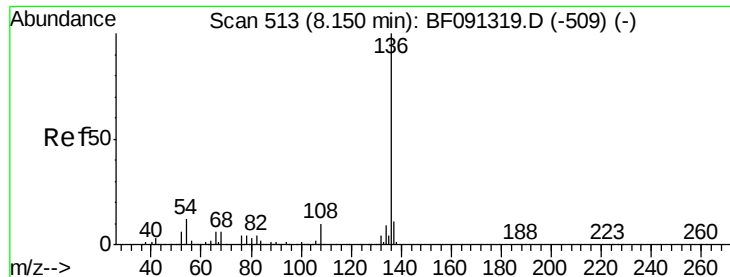
Tgt Ion: 70 Resp: 332615
Ion Ratio Lower Upper
70 100
42 70.8 64.8 97.2
101 9.1 6.2 9.4
130 20.0 11.7 17.5#



#20
3+4-Methylphenols
Concen: 46.57 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Tgt Ion: 107 Resp: 373638
Ion Ratio Lower Upper
107 100
108 89.8 64.6 104.6
77 118.5 30.9 70.9#
79 33.1 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

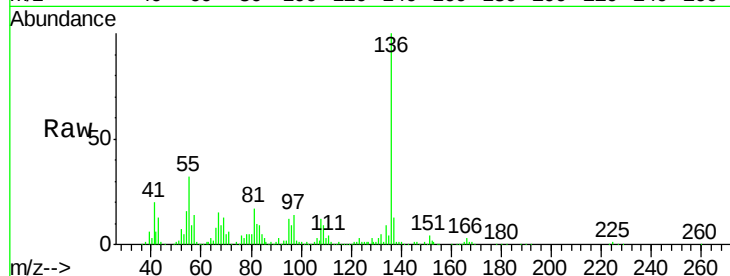
Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

Tgt Ion:	136	Resp:	446646
Ion Ratio		Lower	Upper
136	100		
137	12.6	9.1	13.7
54	16.1	9.1	13.7#
68	9.1	5.9	8.9#

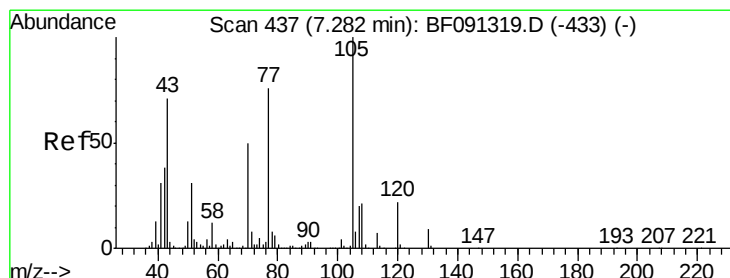
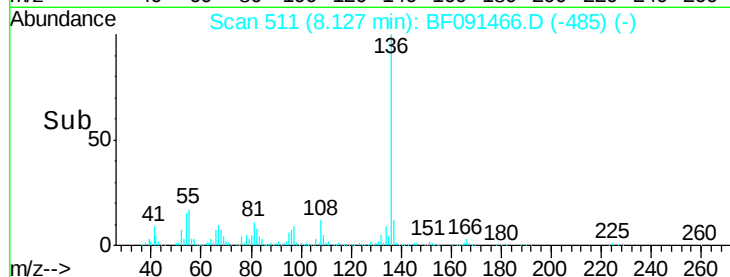
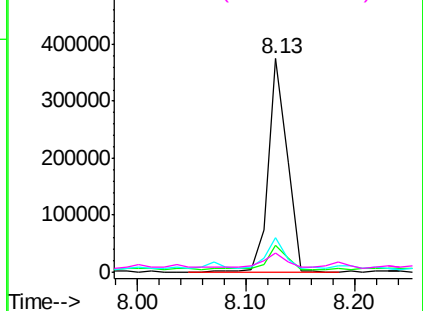


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.57 ng

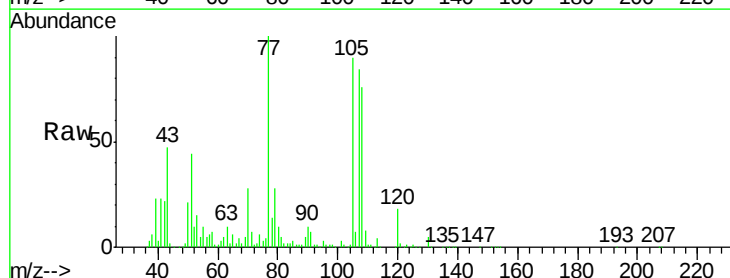
RT: 7.26 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Tgt Ion:	105	Resp:	524787
Ion Ratio		Lower	Upper
105	100		
71	7.3	7.9	11.9#
51	48.4	24.5	36.7#
120	20.4	16.6	24.8

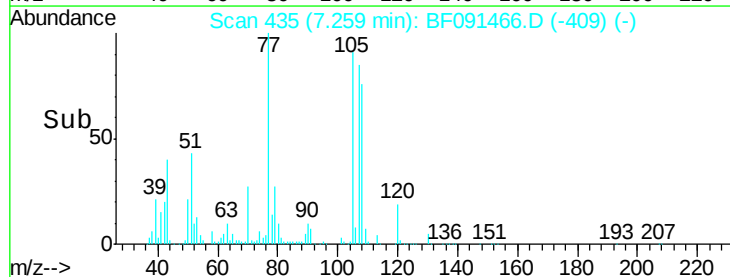
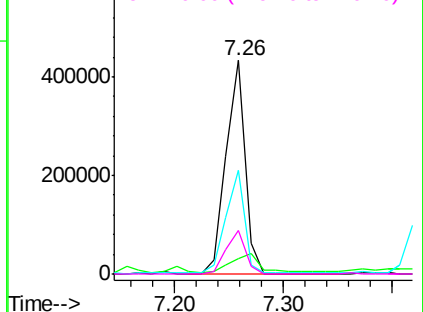


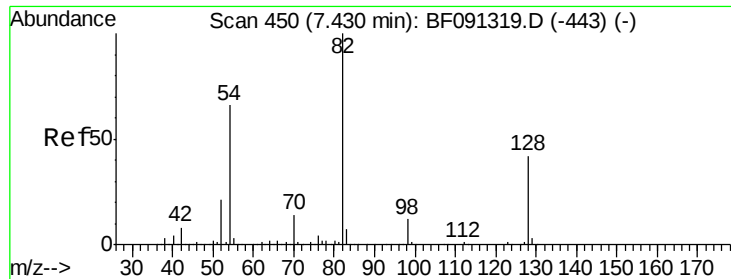
Abundance Ion 105.00 (104.70 to 105.70): E

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

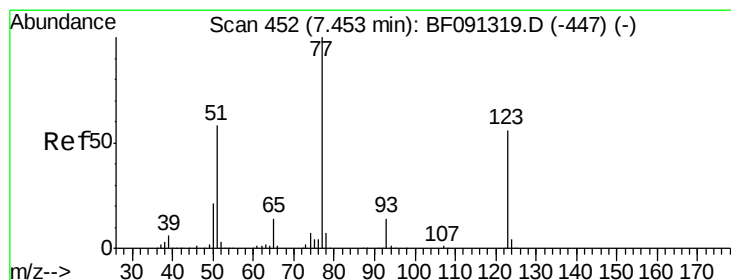
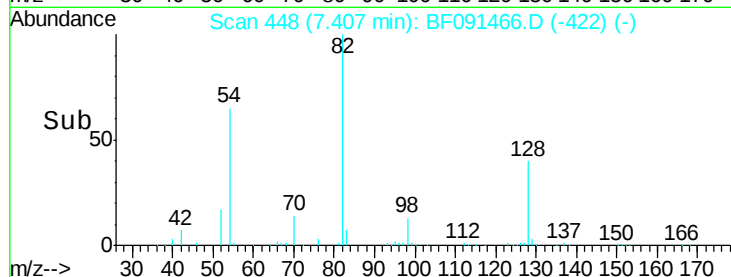
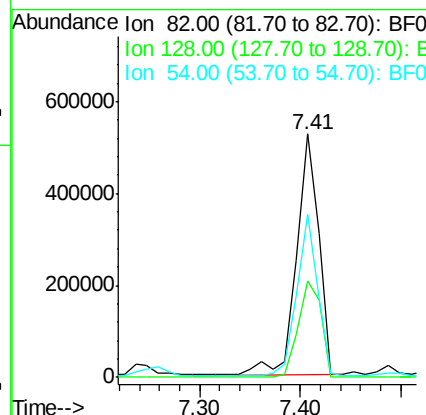
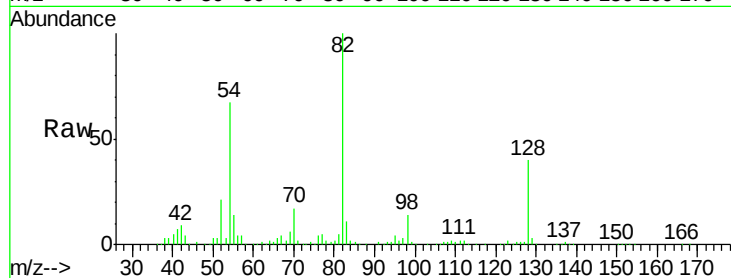




#23
 Nitrobenzene-d5
 Concen: 102.04 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

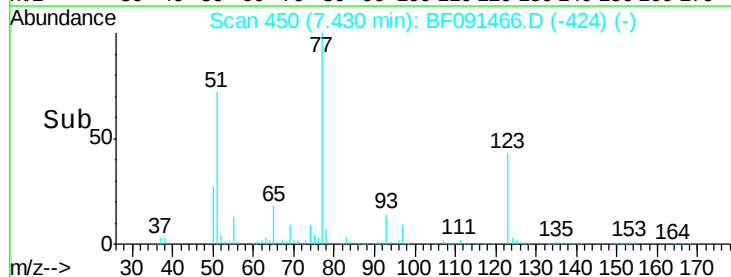
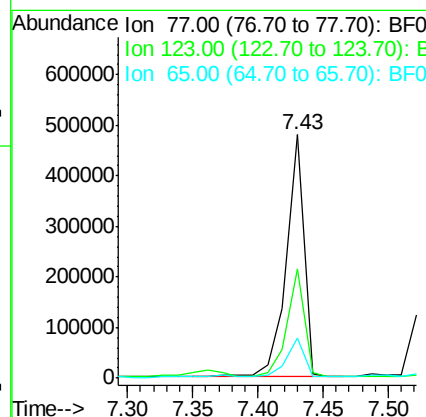
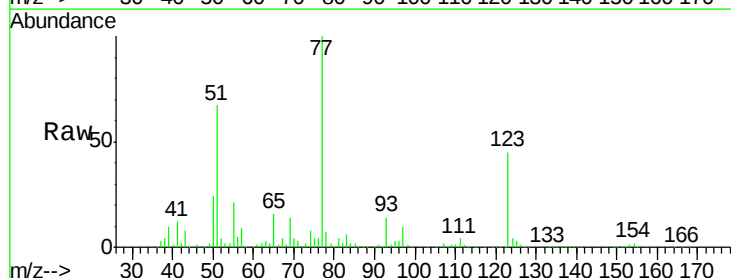
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

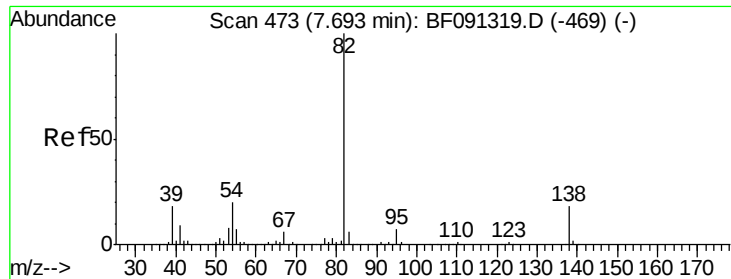
Tgt Ion: 82 Resp: 813286
 Ion Ratio Lower Upper
 82 100
 128 39.8 31.8 47.6
 54 66.9 49.1 73.7



#24
 Nitrobenzene
 Concen: 54.98 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion: 77 Resp: 448649
 Ion Ratio Lower Upper
 77 100
 123 44.6 28.5 42.7#
 65 16.4 12.5 18.7





#25

Isophorone

Concen: 54.58 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

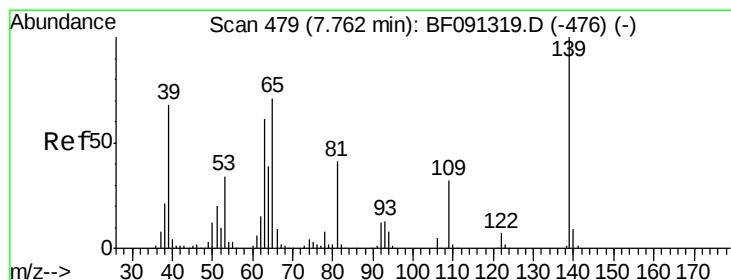
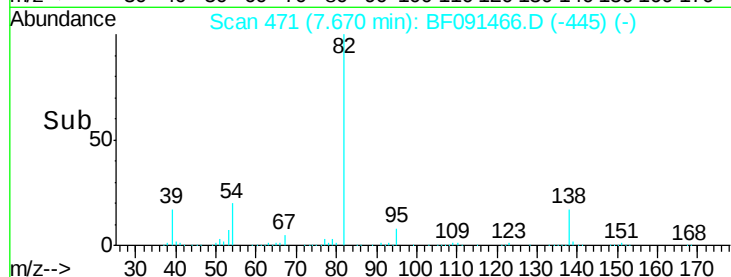
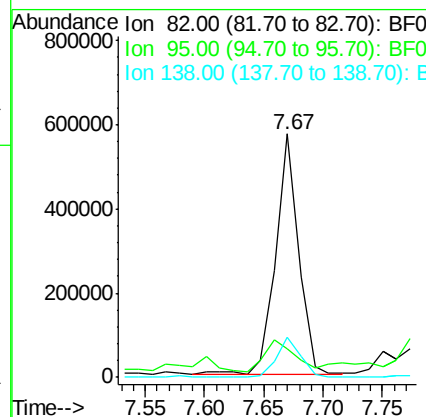
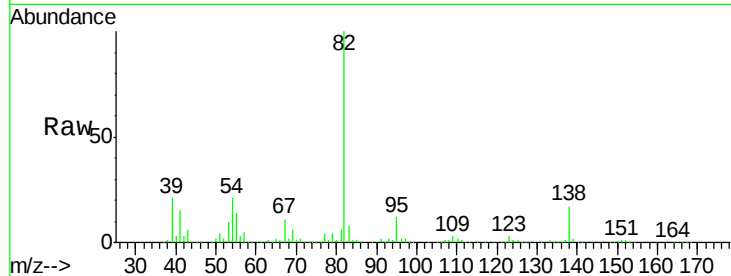
Tgt Ion: 82 Resp: 770648

Ion Ratio Lower Upper

82 100

95 11.8 5.7 8.5#

138 16.7 13.4 20.0



#26

2-Nitrophenol

Concen: 51.51 ng

RT: 7.75 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

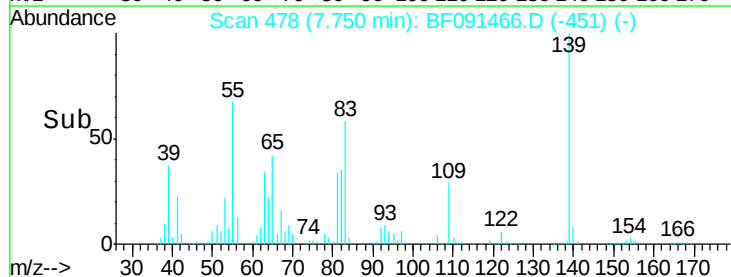
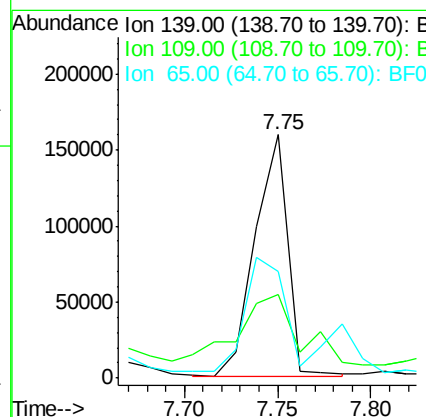
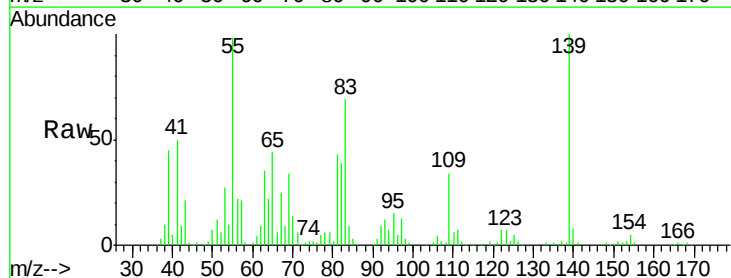
Tgt Ion: 139 Resp: 191532

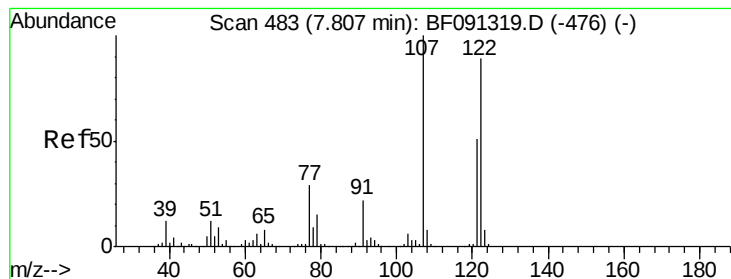
Ion Ratio Lower Upper

139 100

109 34.5 25.3 37.9

65 43.8 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 47.20 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

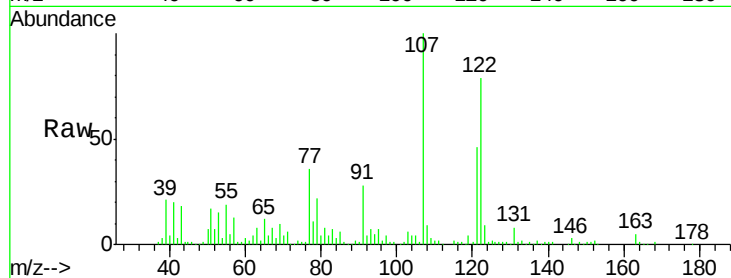
Tgt Ion:122 Resp: 328341

Ion Ratio Lower Upper

122 100

107 126.1 96.8 145.2

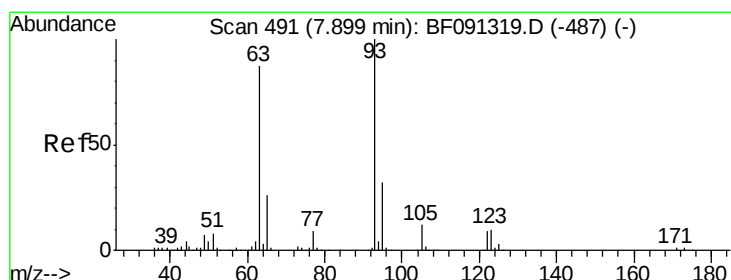
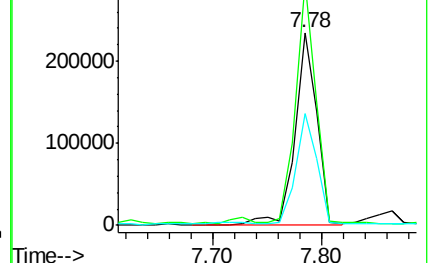
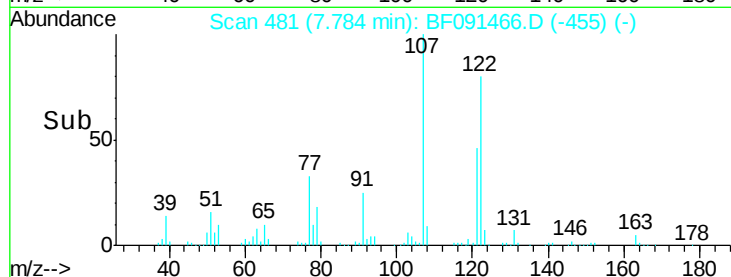
121 57.9 47.7 71.5



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: 54.78 ng

RT: 7.89 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

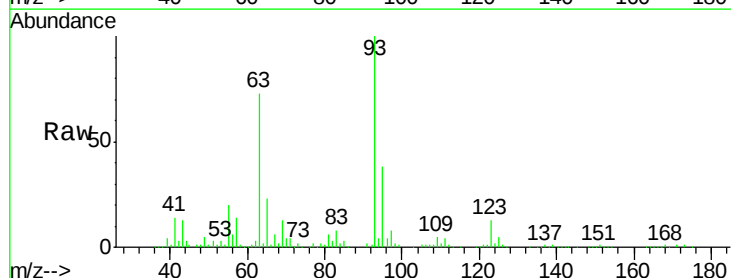
Tgt Ion: 93 Resp: 465550

Ion Ratio Lower Upper

93 100

95 38.3 26.0 39.0

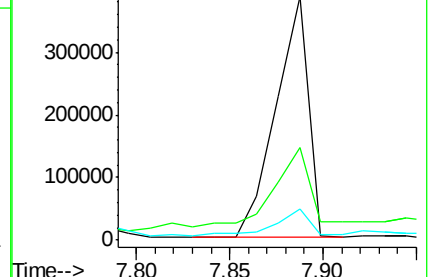
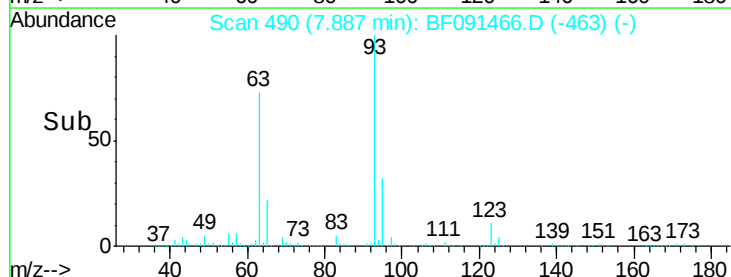
123 12.6 8.6 12.8

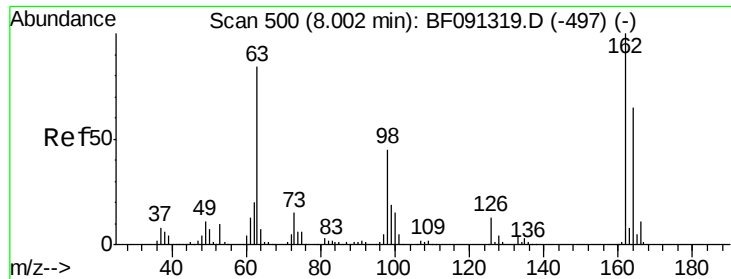


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

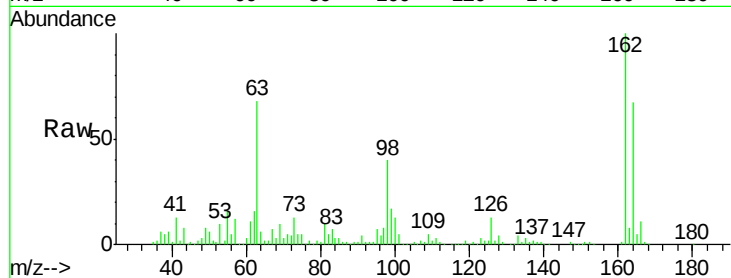




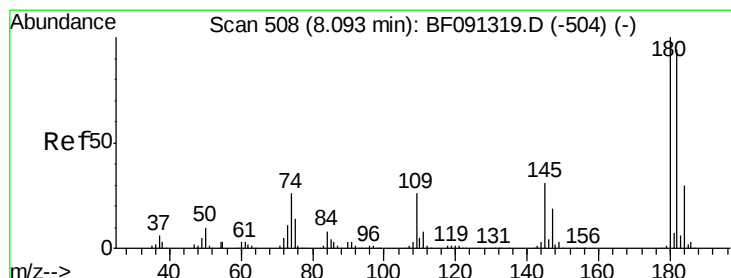
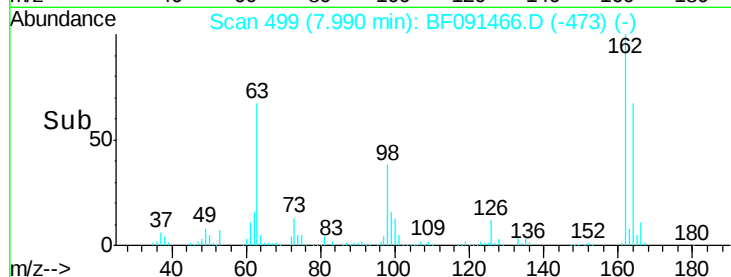
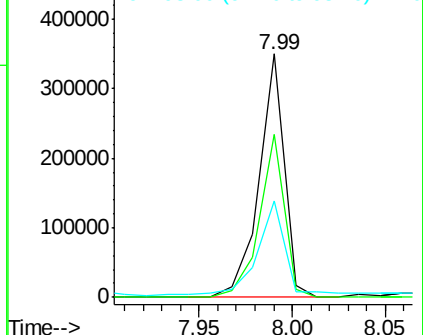
#29
 2,4-Dichlorophenol
 Concen: 53.27 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

Tgt Ion:162 Resp: 325973
 Ion Ratio Lower Upper
 162 100
 164 66.9 45.0 85.0
 98 39.7 21.3 61.3

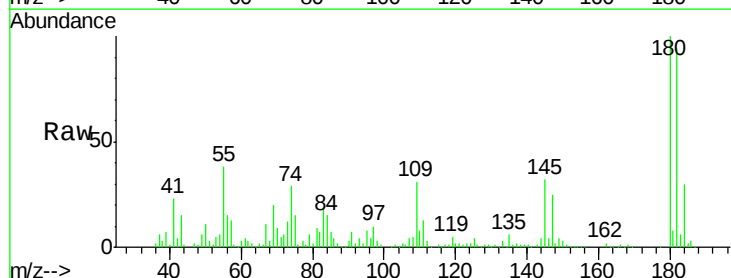


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

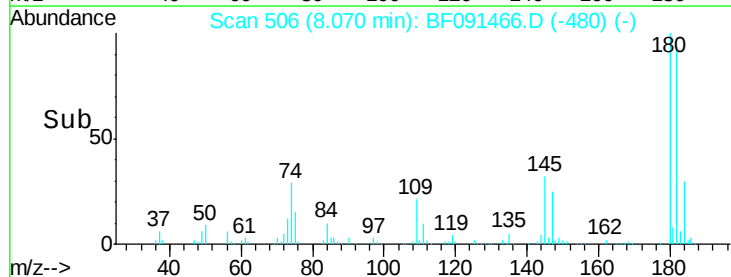
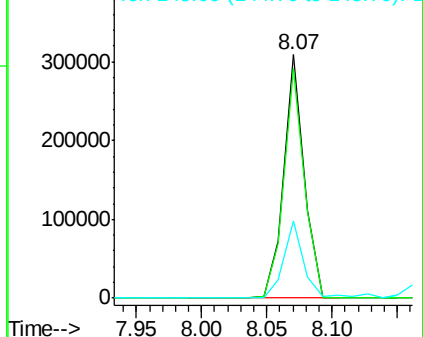


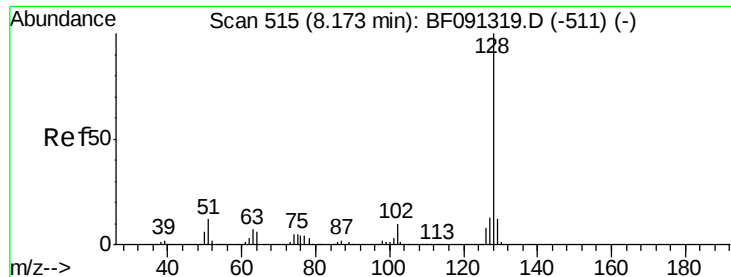
#30
 1,2,4-Trichlorobenzene
 Concen: 49.56 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:180 Resp: 340006
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.8 113.8
 145 31.9 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

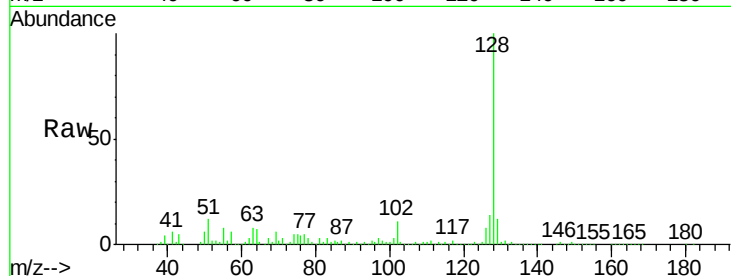




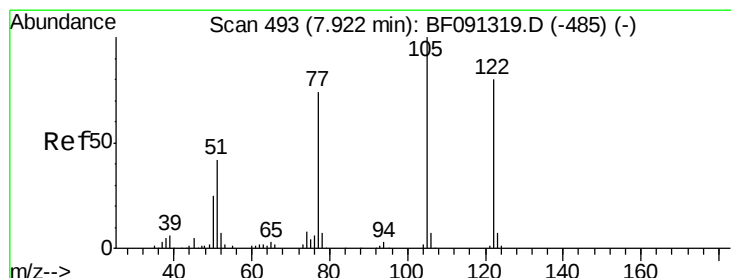
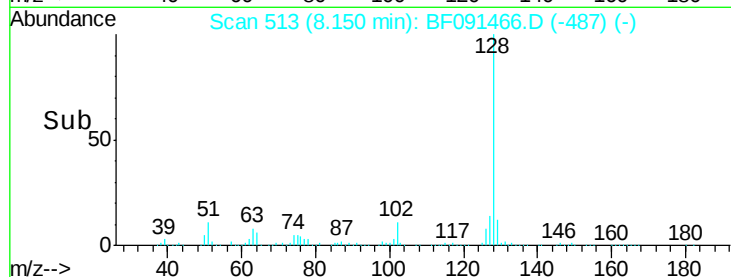
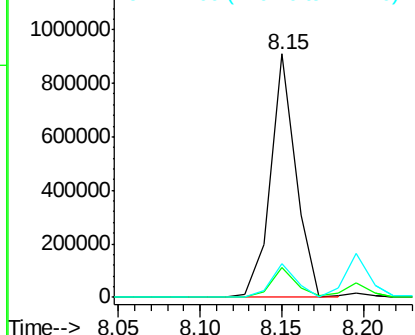
#31
Naphthalene
Concen: 46.08 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MS

Tgt Ion:128 Resp: 978080
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.7 11.0 16.4

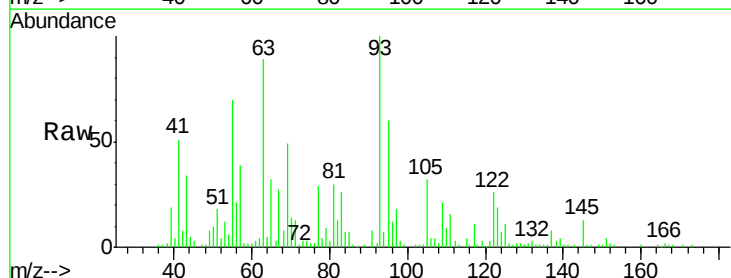


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

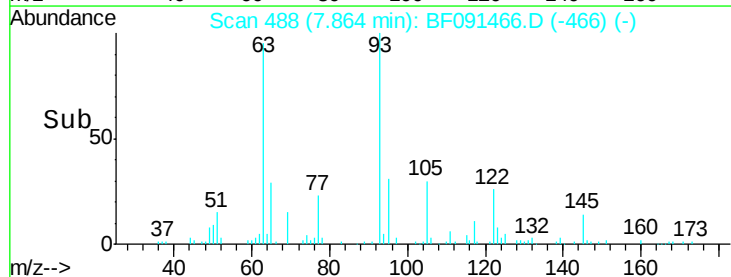
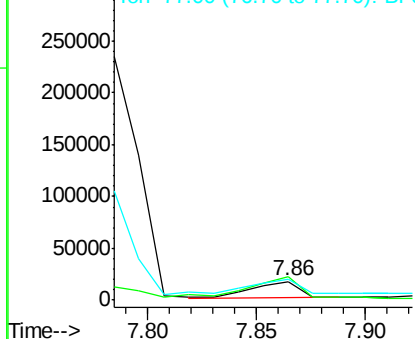


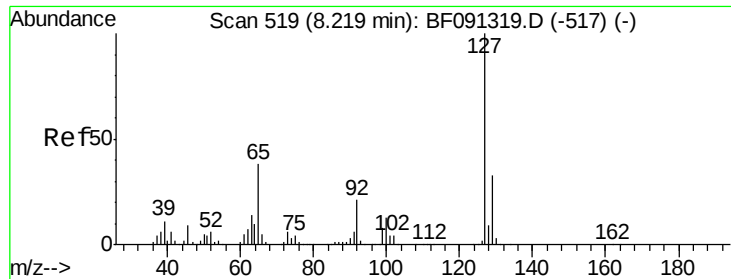
#32
Benzoic acid
Concen: 4.71 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.05 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Tgt Ion:122 Resp: 24135
Ion Ratio Lower Upper
122 100
105 127.0 113.0 153.0
77 114.9 82.0 122.0



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

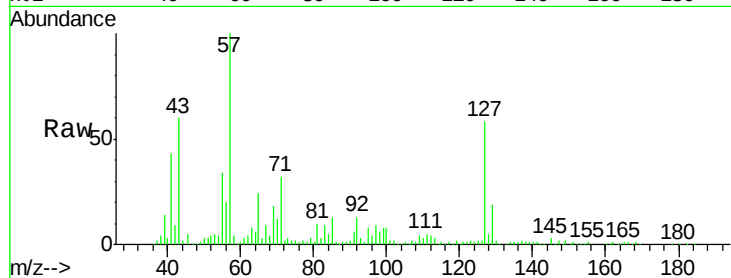




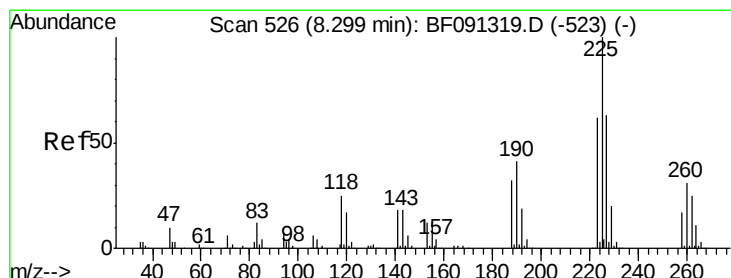
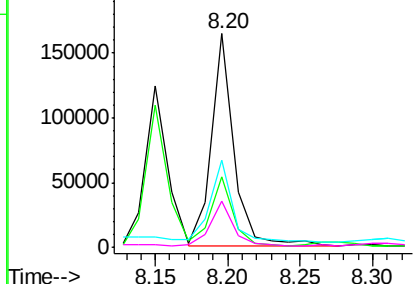
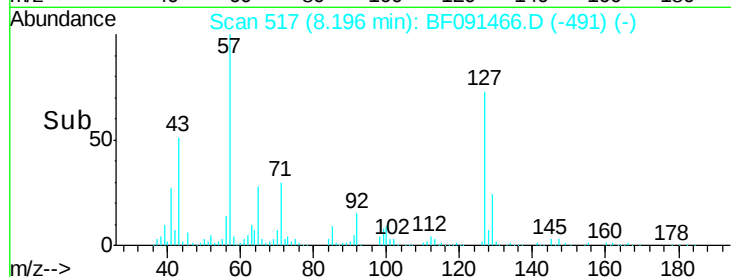
#33
4-Chloroaniline
Concen: 19.43 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MS

Tgt Ion:	127	Resp:	176275
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	40.5	26.6	39.8
92	21.8	15.4	23.0

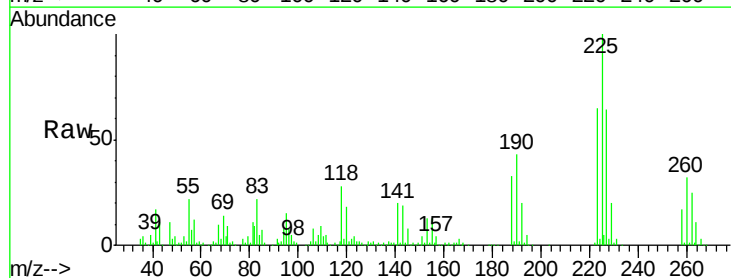


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

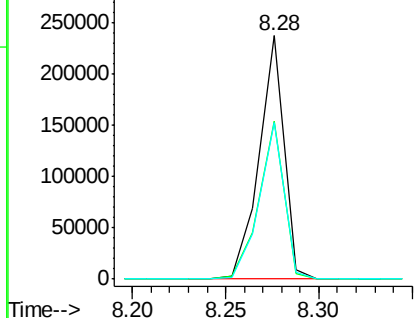
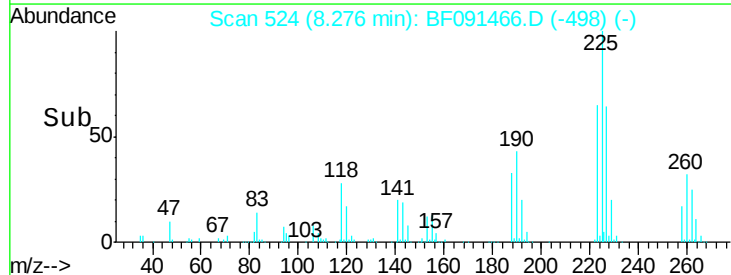


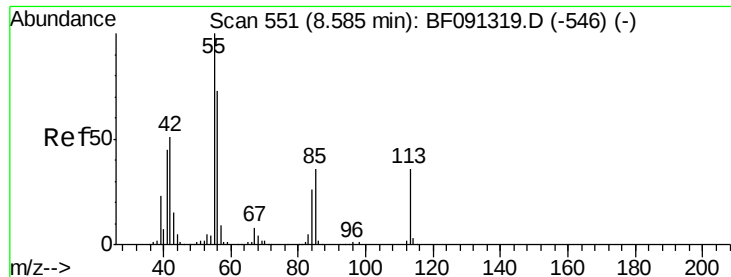
#34
Hexachlorobutadiene
Concen: 52.10 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Tgt Ion:	225	Resp:	219789
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.8	74.6
227	64.1	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

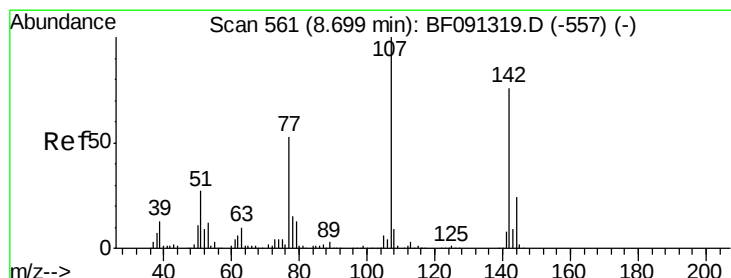
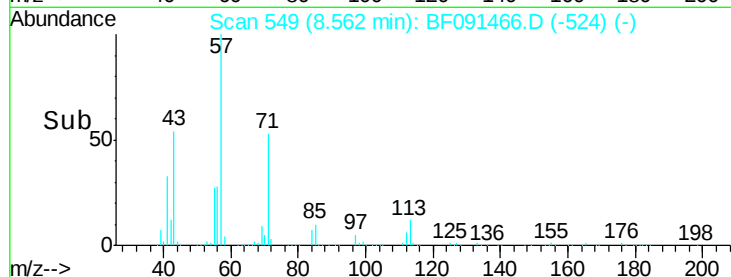
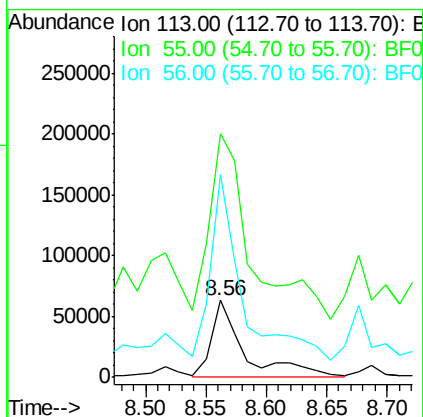
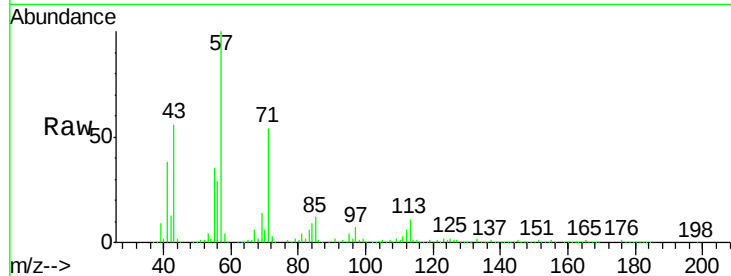




#35
 Caprolactam
 Concen: 69.79 ng m
 RT: 8.56 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

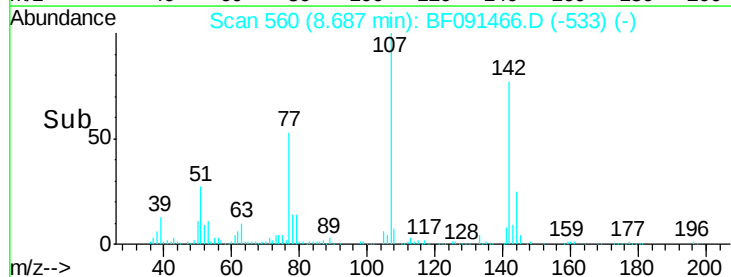
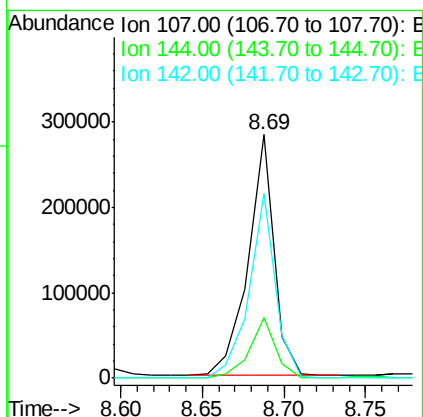
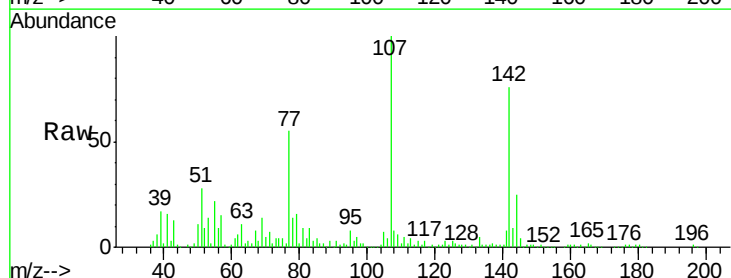
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

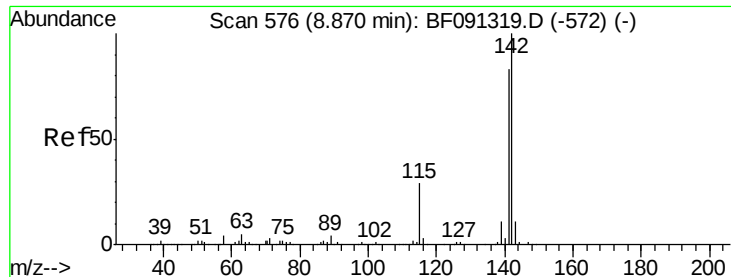
Tgt Ion:113 Resp: 122757
 Ion Ratio Lower Upper
 113 100
 55 315.7 239.8 279.8#
 56 263.2 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 47.07 ng
 RT: 8.69 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:107 Resp: 310987
 Ion Ratio Lower Upper
 107 100
 144 24.6 18.9 28.3
 142 76.1 58.5 87.7

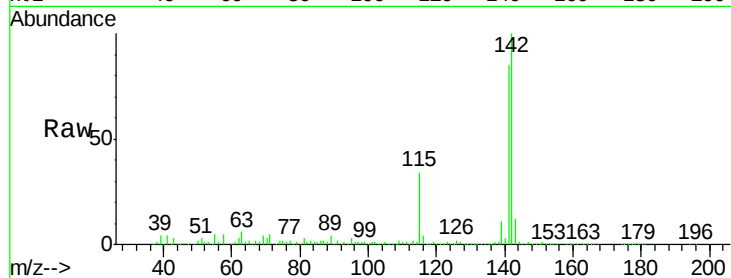




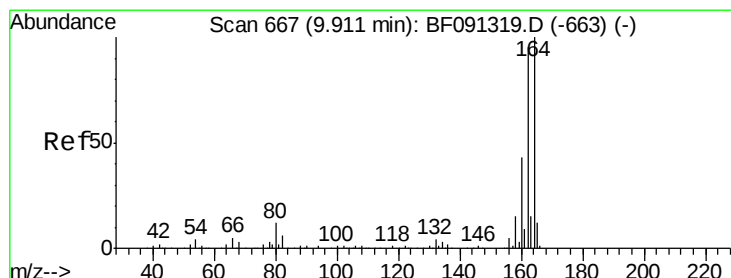
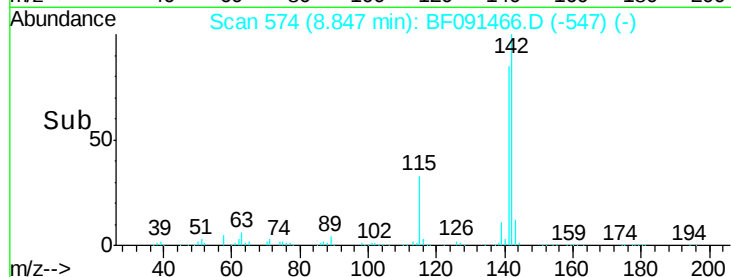
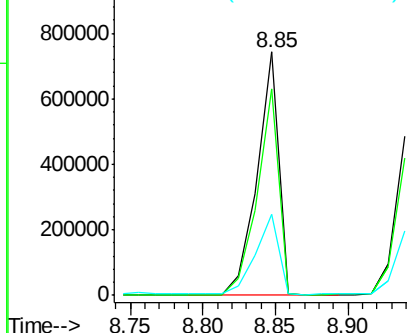
#37
 2-Methylnaphthalene
 Concen: 53.35 ng
 RT: 8.85 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

Tgt Ion:142 Resp: 769349
 Ion Ratio Lower Upper
 142 100
 141 84.9 71.7 107.5
 115 33.5 25.0 37.6

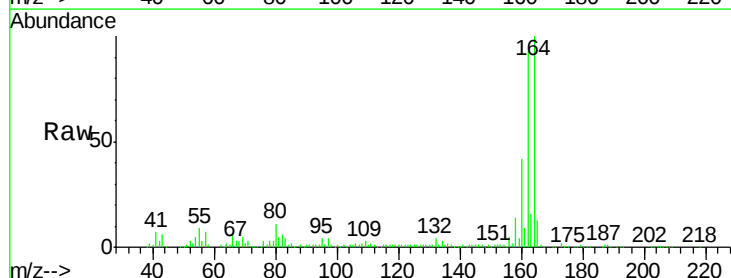


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

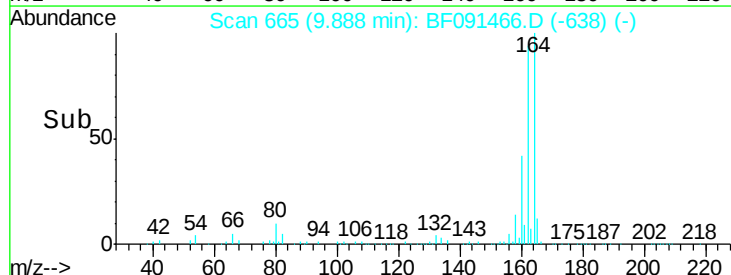
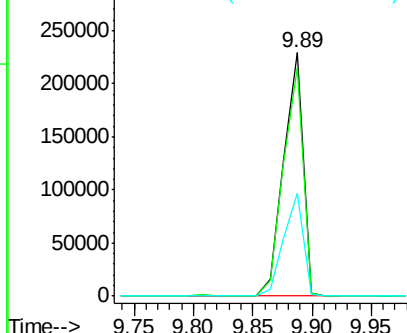


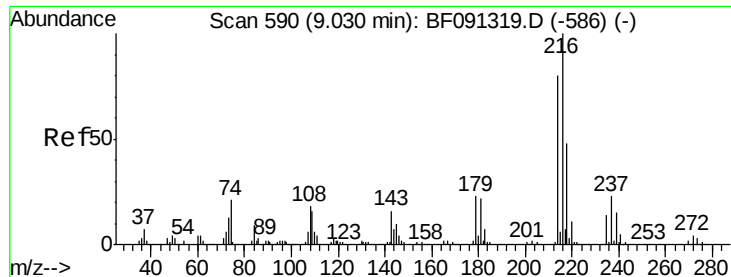
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:164 Resp: 256125
 Ion Ratio Lower Upper
 164 100
 162 93.5 82.6 124.0
 160 42.0 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: 44.15 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

Tgt Ion:216 Resp: 318776

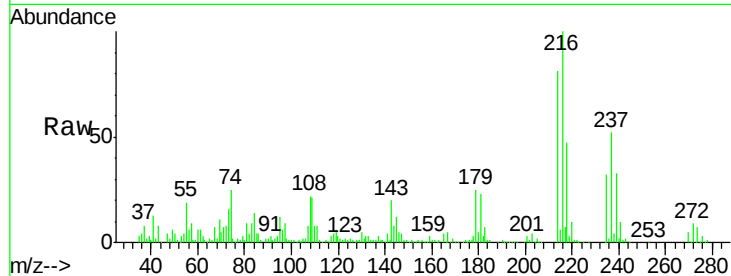
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 21.5 18.2 27.2

108 18.9 17.2 25.8

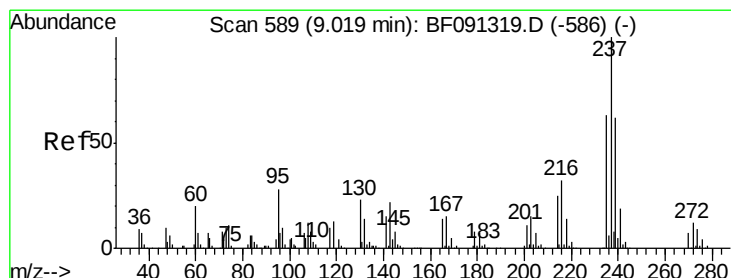
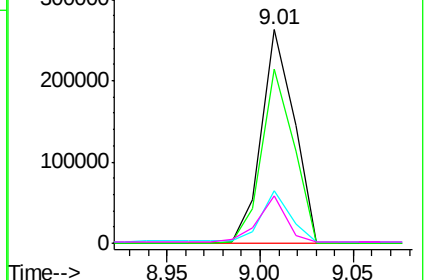
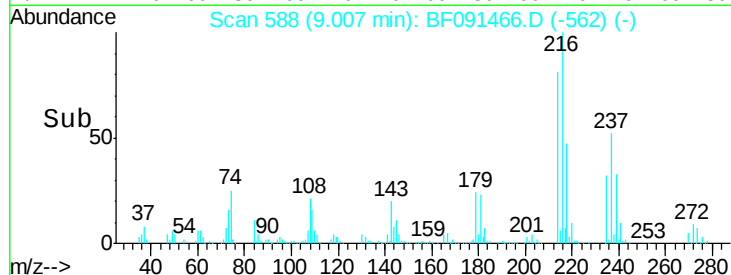


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.15 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

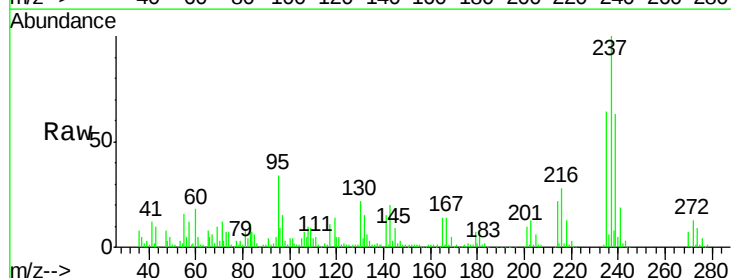
Tgt Ion:237 Resp: 258209

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

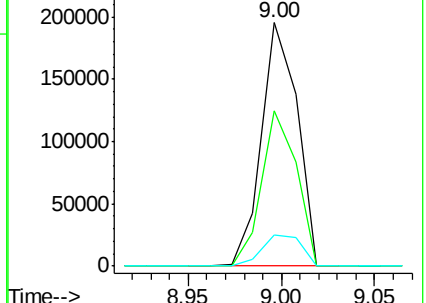
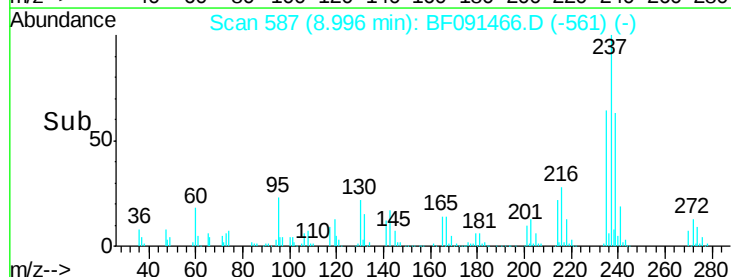
272 12.6 0.0 33.1

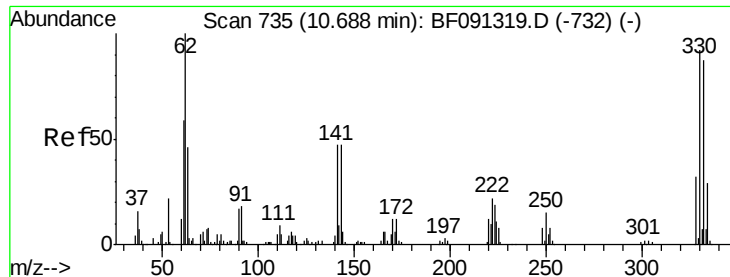


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

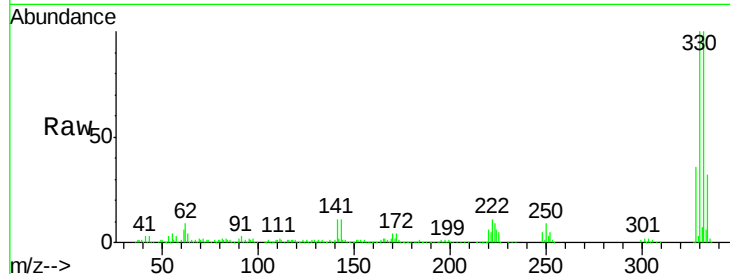




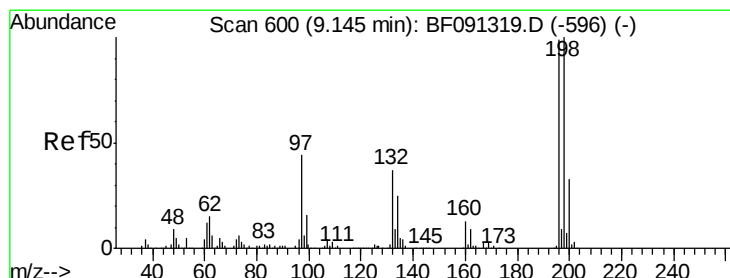
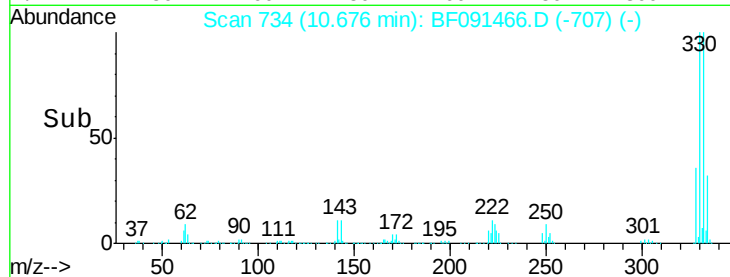
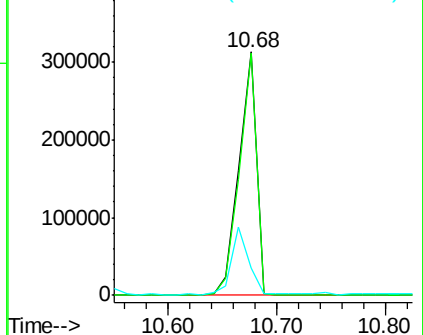
#41
 2,4,6-Tribromophenol
 Concen: 142.68 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

Tgt Ion:330 Resp: 345959
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 27.0 33.6 50.4#

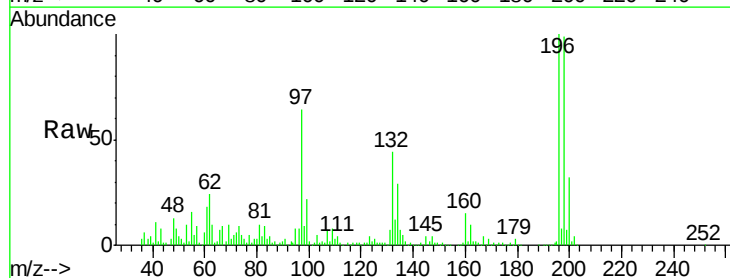


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

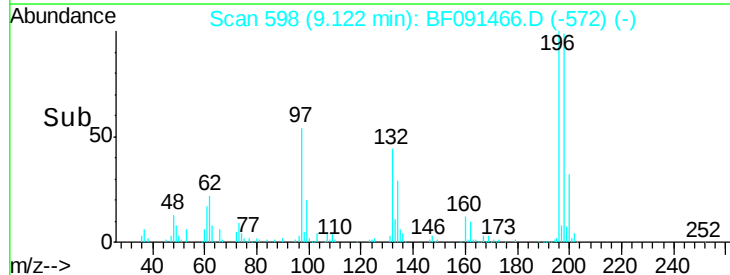
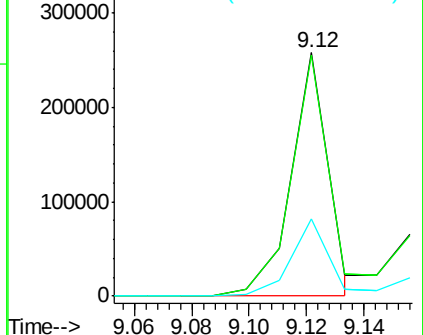


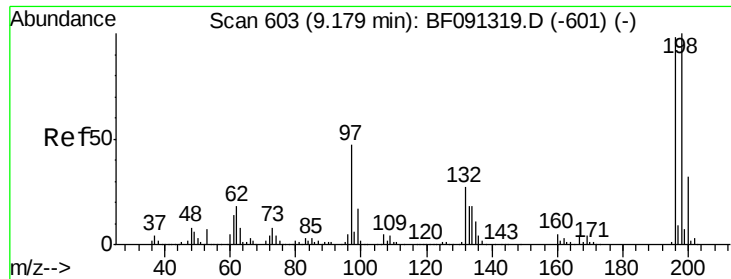
#42
 2,4,6-Trichlorophenol
 Concen: 49.56 ng m
 RT: 9.12 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:196 Resp: 232556
 Ion Ratio Lower Upper
 196 100
 198 99.2 77.4 116.0
 200 31.8 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

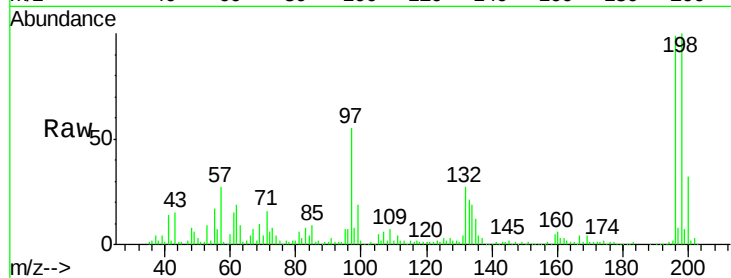




#43
 2,4,5-Trichlorophenol
 Concen: 50.33 ng m
 RT: 9.17 min Scan# 602
 Delta R.T. 0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	77.0	115.6
97	55.6	33.5	50.3
132	27.1	20.5	30.7



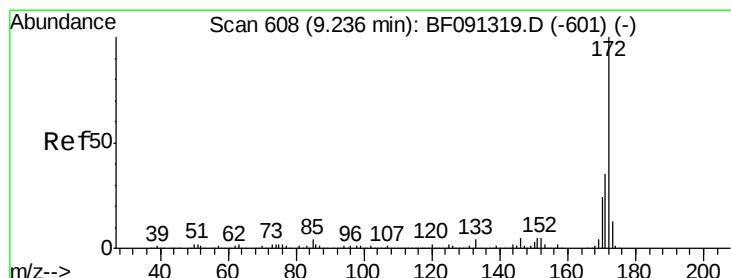
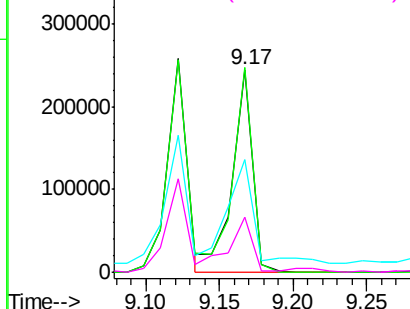
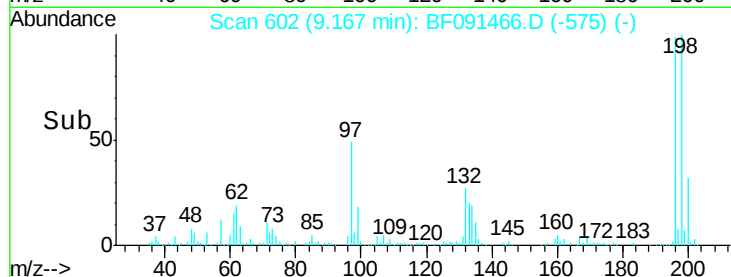
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

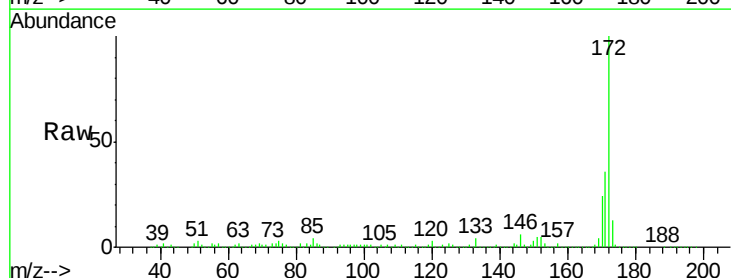
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.96 ng
 RT: 9.21 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.9	19.7	29.5

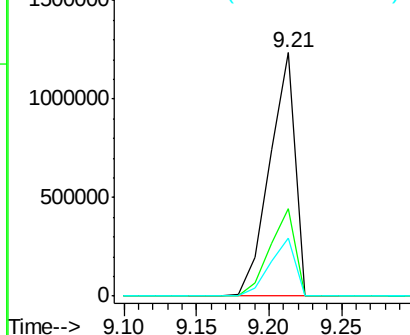
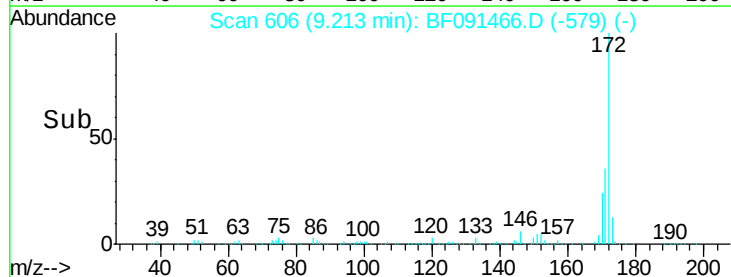


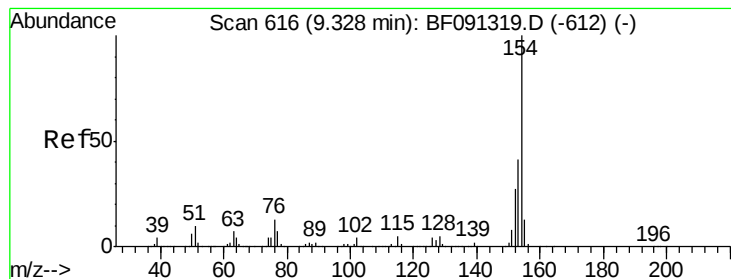
Abundance

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: 42.70 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

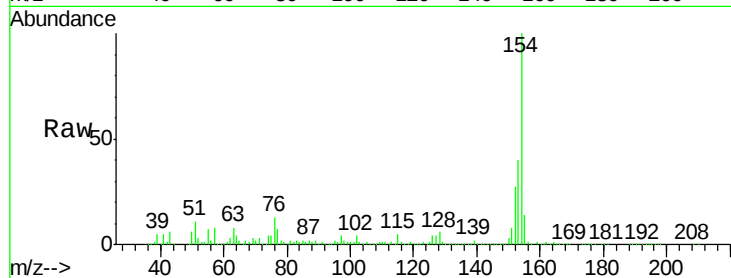
Tgt Ion:154 Resp: 786466

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

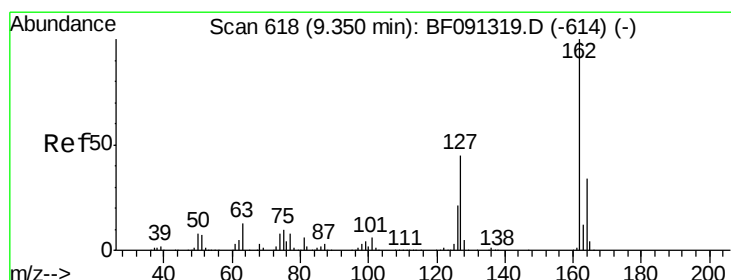
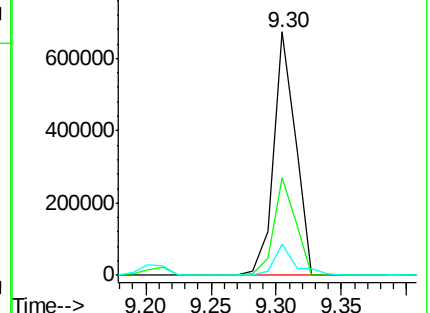
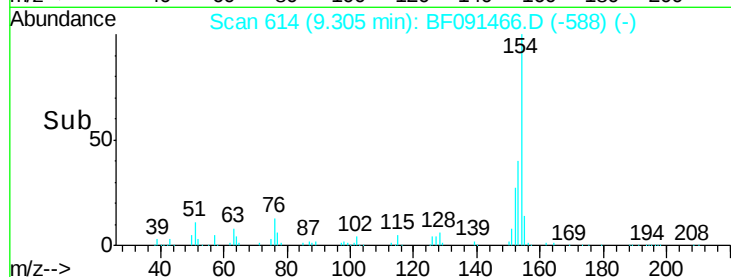
76 13.0 0.0 36.6



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: 44.85 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

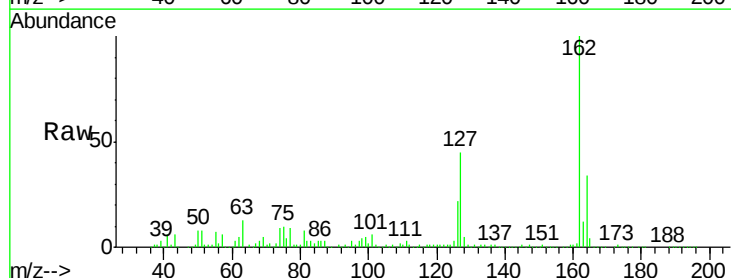
Tgt Ion:162 Resp: 615171

Ion Ratio Lower Upper

162 100

127 45.2 34.3 51.5

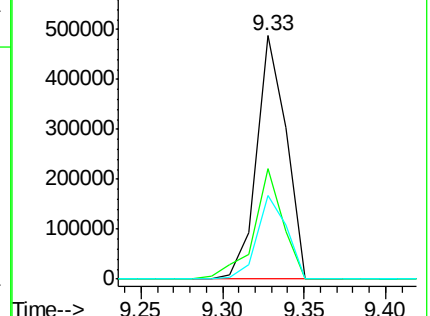
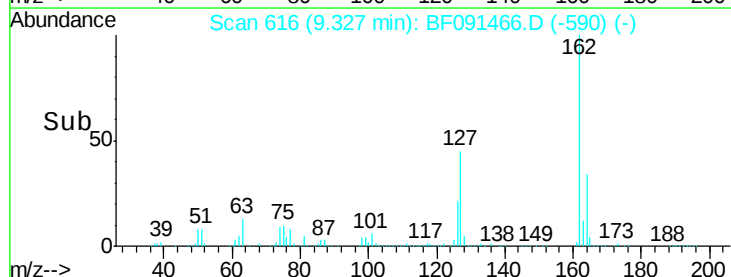
164 34.2 26.6 40.0

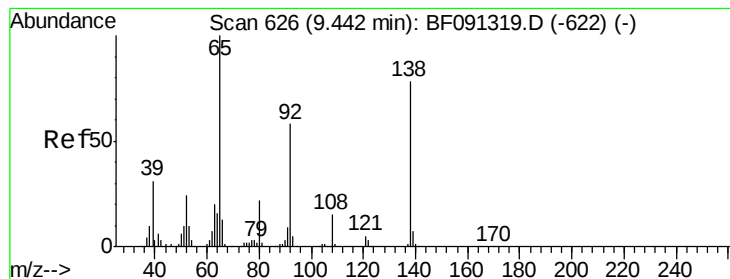


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.47 ng

RT: 9.43 min Scan# 625

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

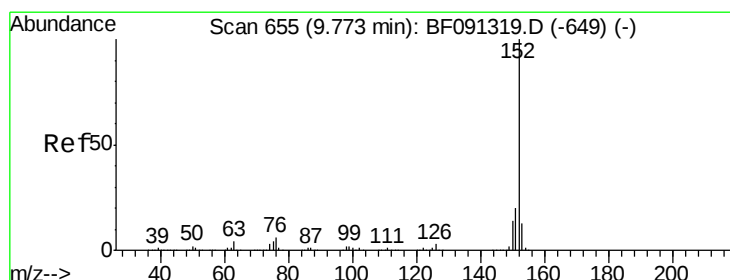
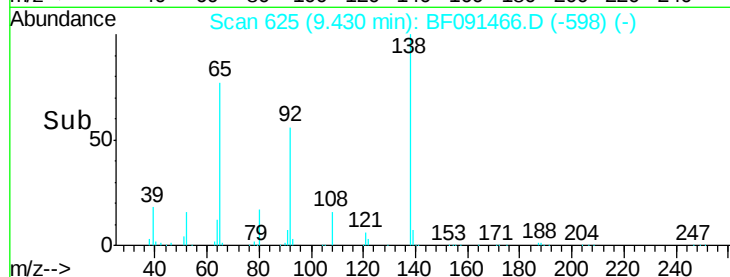
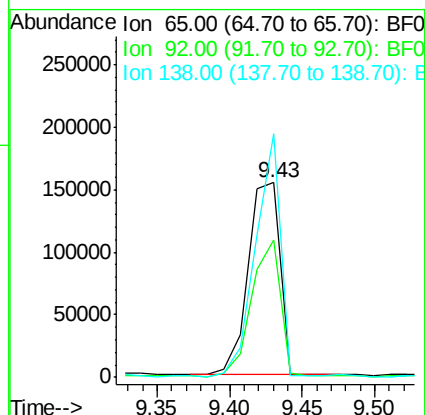
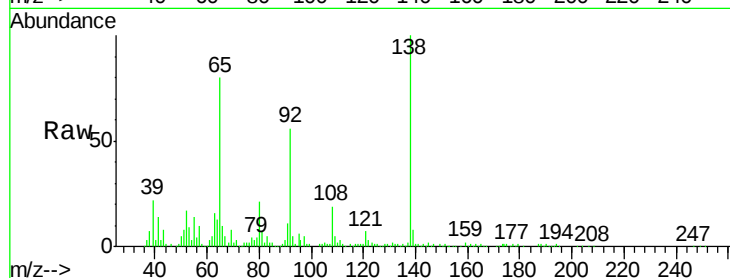
Tgt Ion: 65 Resp: 233828

Ion Ratio Lower Upper

65 100

92 70.5 53.6 80.4

138 125.2 91.0 136.6



#48

Acenaphthylene

Concen: 45.91 ng

RT: 9.75 min Scan# 653

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

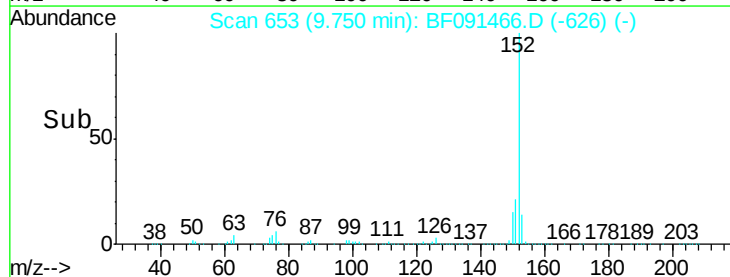
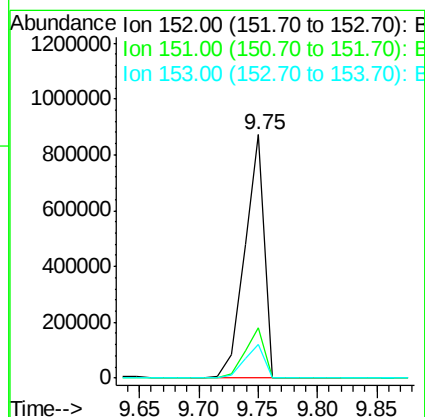
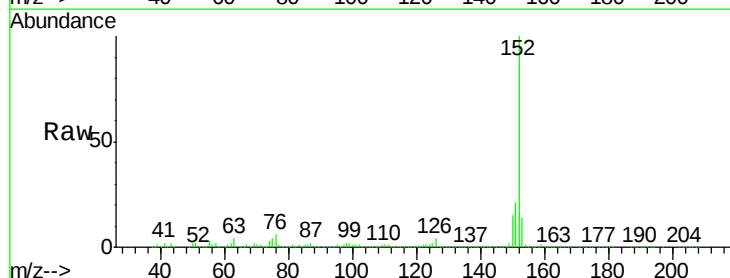
Tgt Ion: 152 Resp: 991332

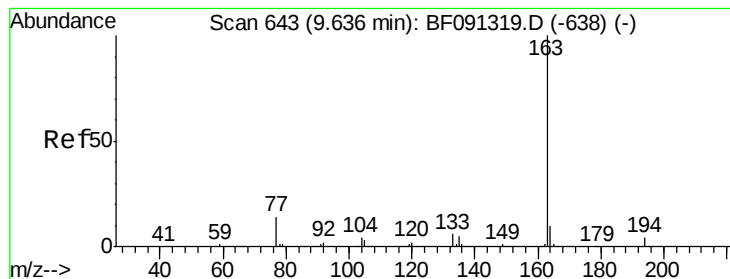
Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 62.89 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

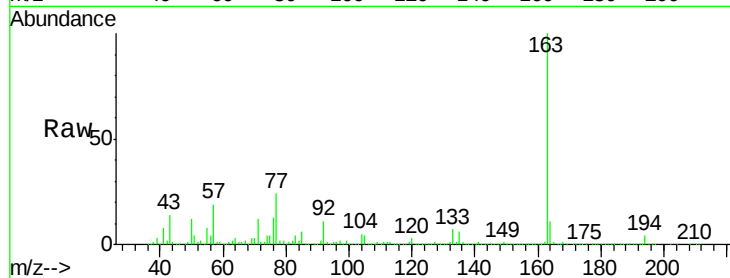
Tgt Ion:163 Resp: 975355

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

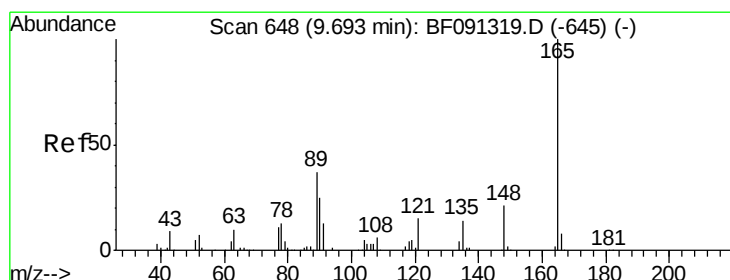
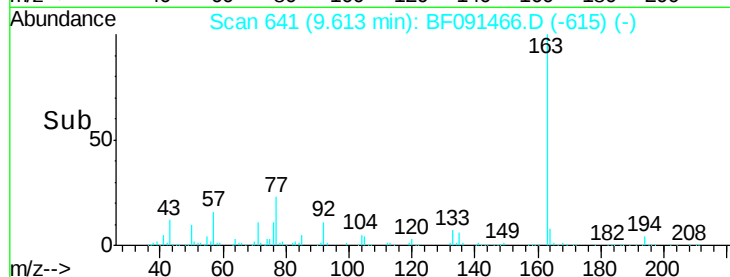
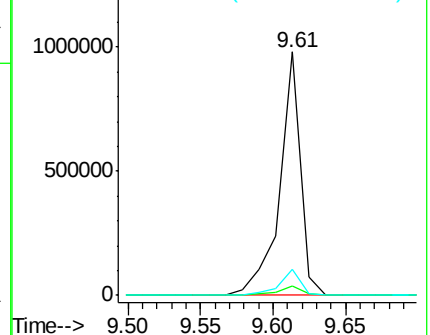
164 10.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.57 ng

RT: 9.67 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

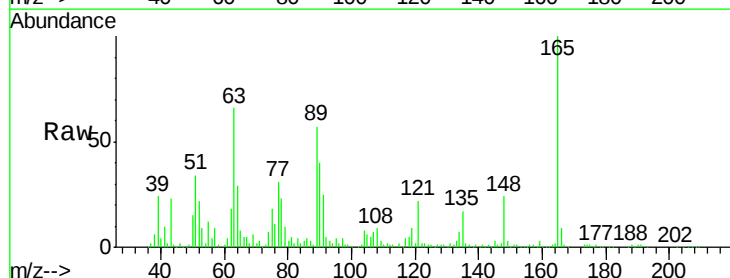
Tgt Ion:165 Resp: 175276

Ion Ratio Lower Upper

165 100

63 65.9 59.4 89.0

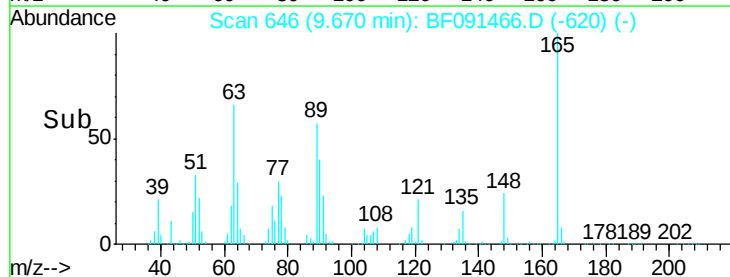
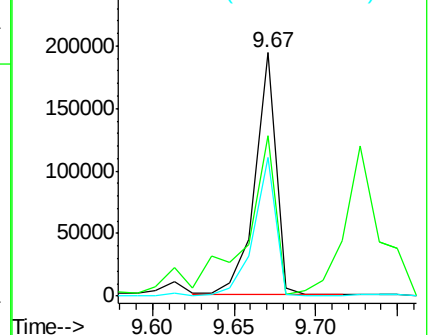
89 56.9 50.8 76.2

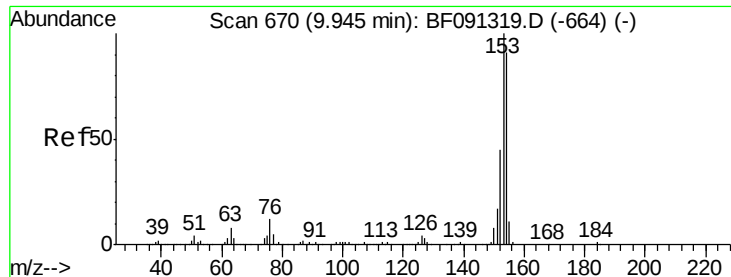


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

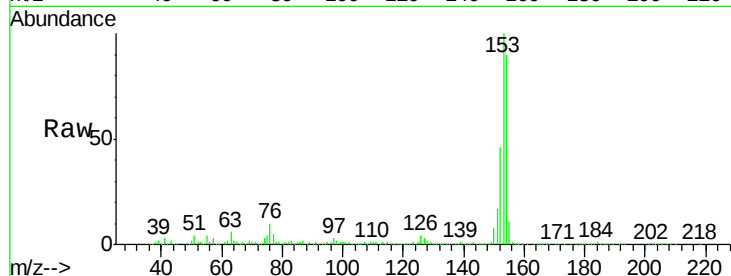




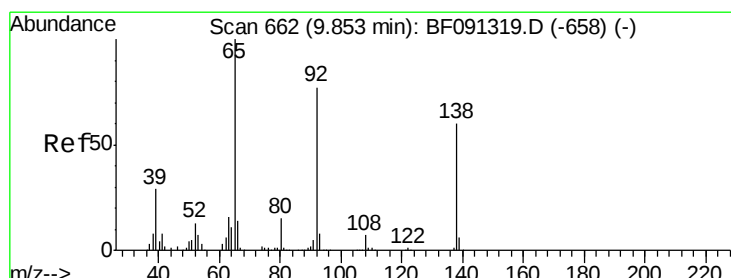
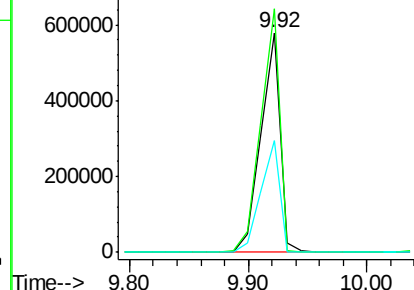
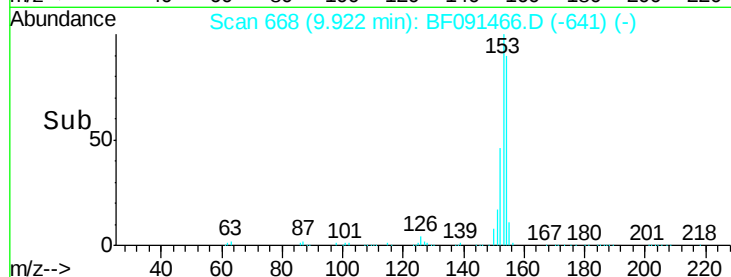
#51
Acenaphthene
Concen: 45.19 ng
RT: 9.92 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MS

Tgt Ion:154 Resp: 658158
Ion Ratio Lower Upper
154 100
153 111.0 91.0 136.6
152 50.8 44.2 66.2

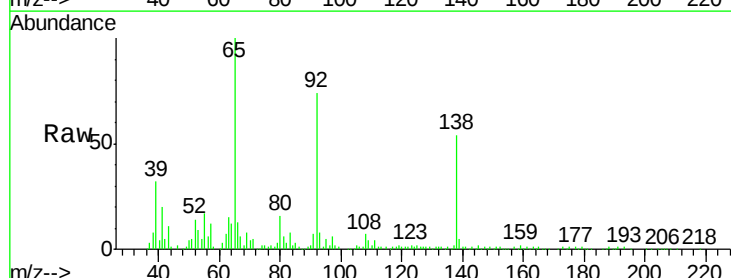


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

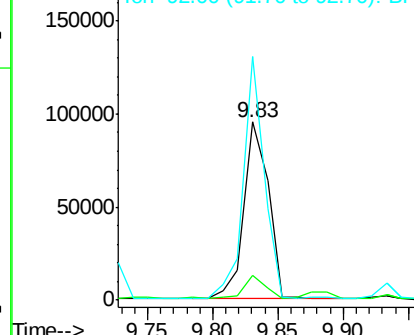
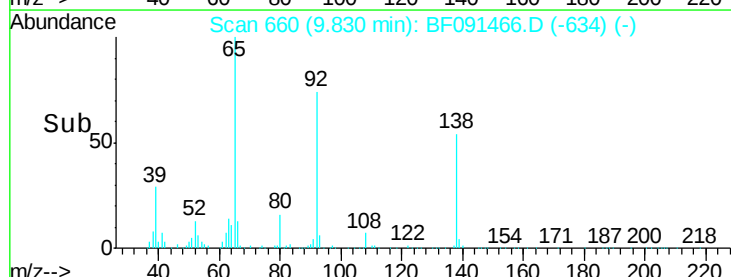


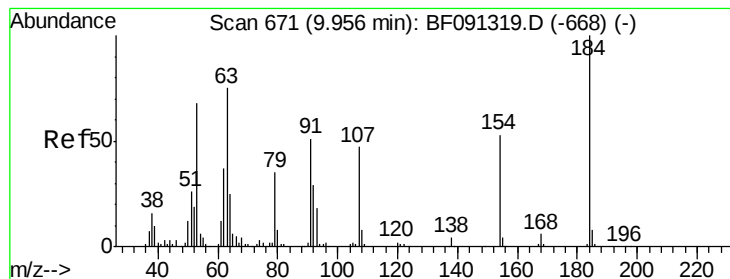
#52
3-Nitroaniline
Concen: 30.98 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Tgt Ion:138 Resp: 124288
Ion Ratio Lower Upper
138 100
108 13.6 8.1 12.1#
92 136.9 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: 17.59 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

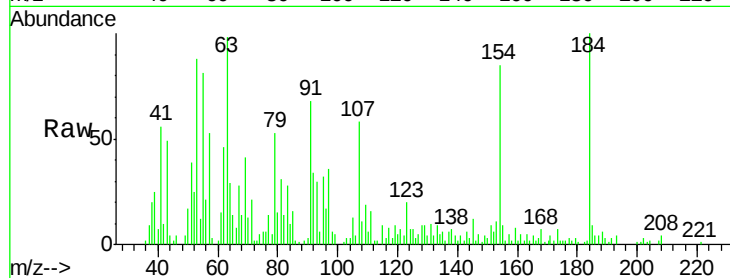
Tgt Ion:184 Resp: 26660

Ion Ratio Lower Upper

184 100

63 97.5 58.3 87.5#

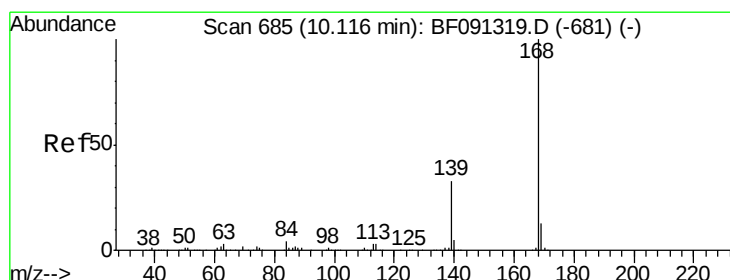
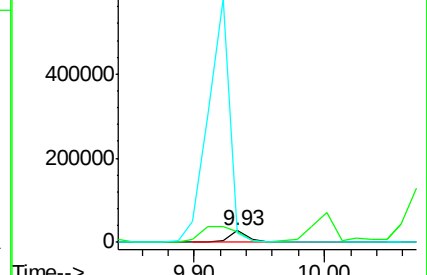
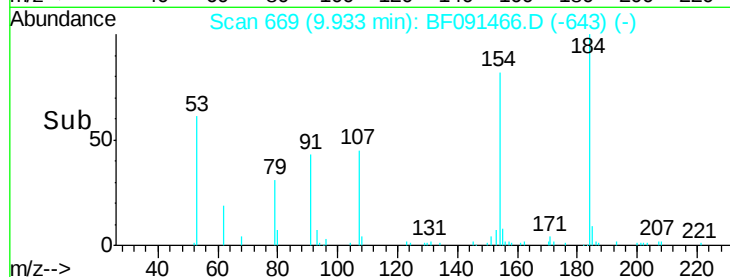
154 84.8 48.6 73.0#



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: 47.95 ng

RT: 10.09 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

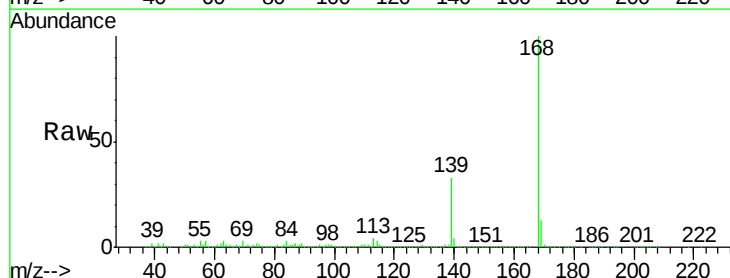
Tgt Ion:168 Resp: 934887

Ion Ratio Lower Upper

168 100

139 32.9 33.4 50.2#

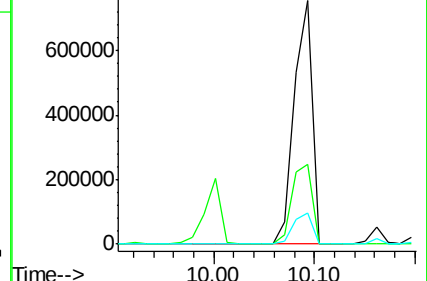
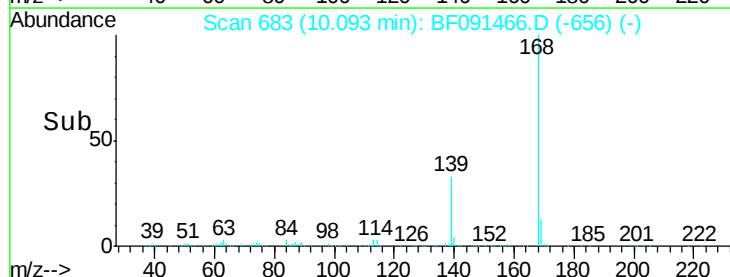
169 12.7 11.1 16.7

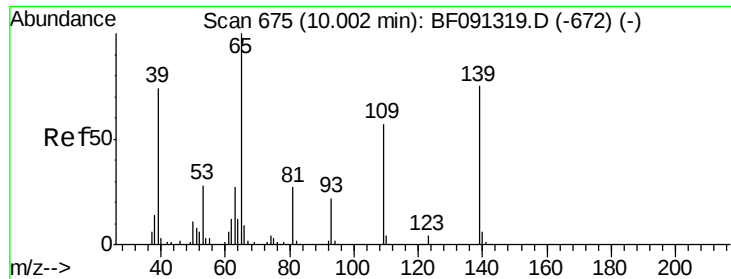


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

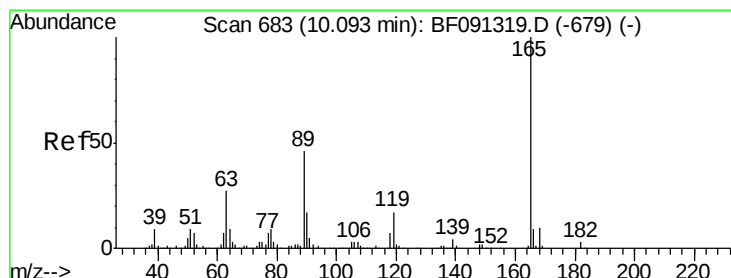
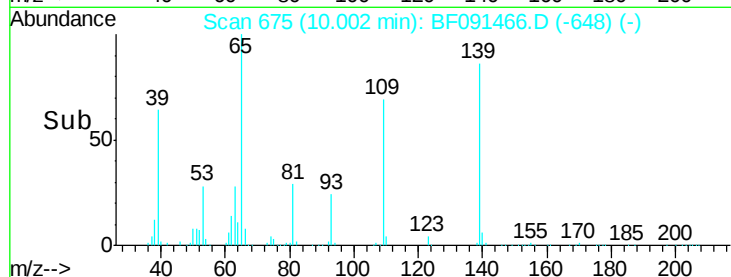
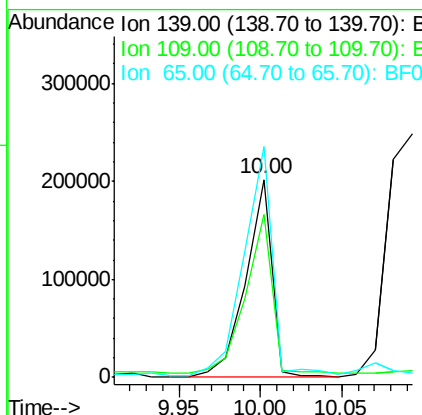
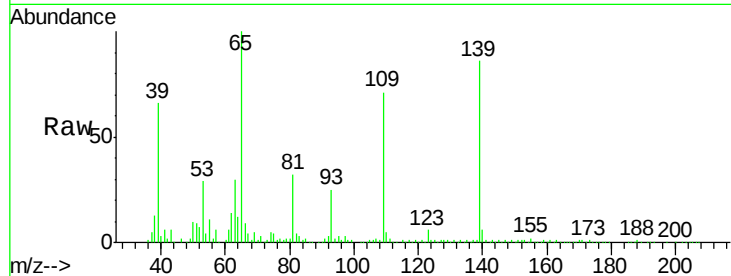




#55
4-Nitrophenol
Concen: 76.69 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

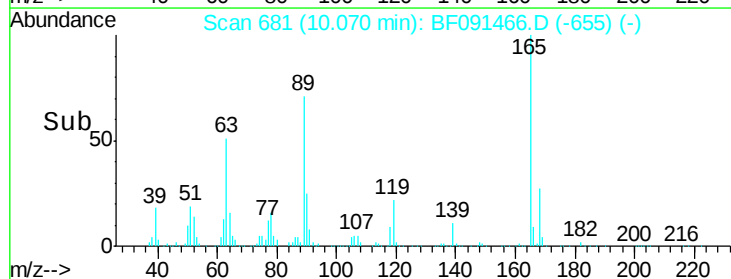
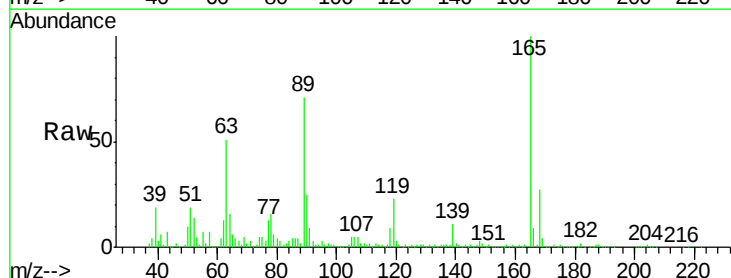
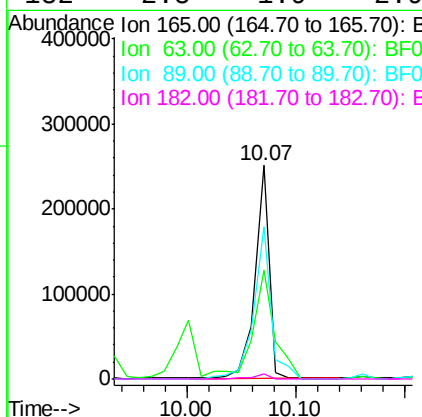
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MS

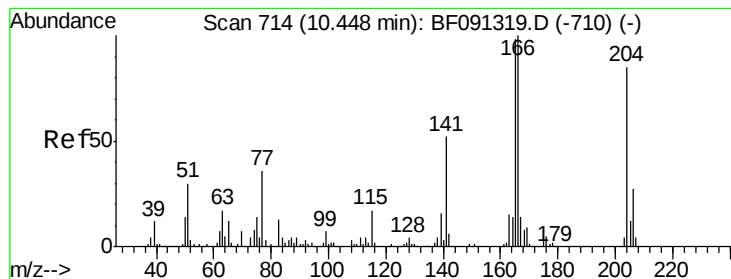
Tgt Ion:139 Resp: 222247
Ion Ratio Lower Upper
139 100
109 82.3 54.9 94.9
65 116.4 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 50.62 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Tgt Ion:165 Resp: 227600
Ion Ratio Lower Upper
165 100
63 50.8 29.0 43.4#
89 71.2 43.1 64.7#
182 2.5 1.9 2.9





#57

Fluorene

Concen: 43.83 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

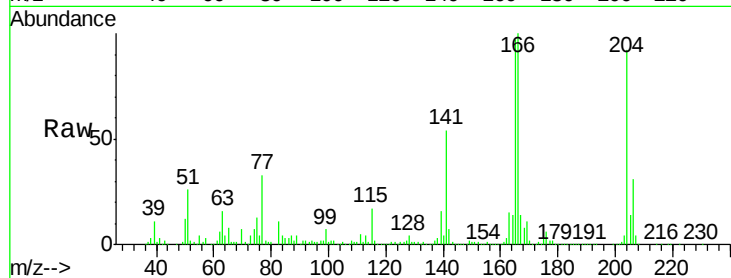
Tgt Ion:166 Resp: 656111

Ion Ratio Lower Upper

166 100

165 97.1 80.0 120.0

167 14.1 10.8 16.2

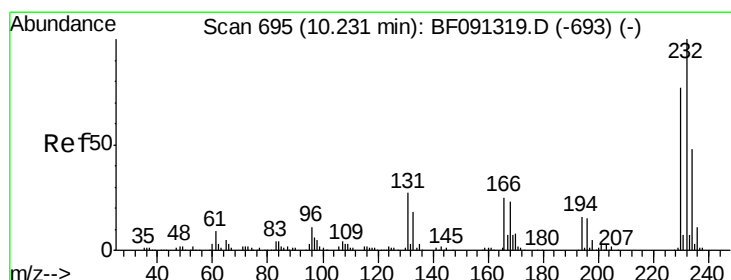
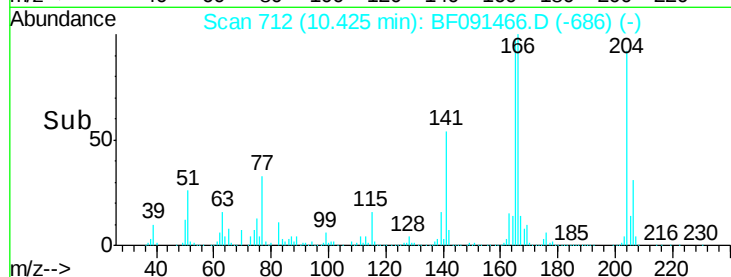
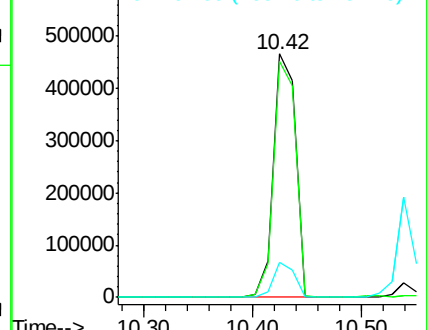


Abundance

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: 48.17 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Tgt Ion:232 Resp: 193432

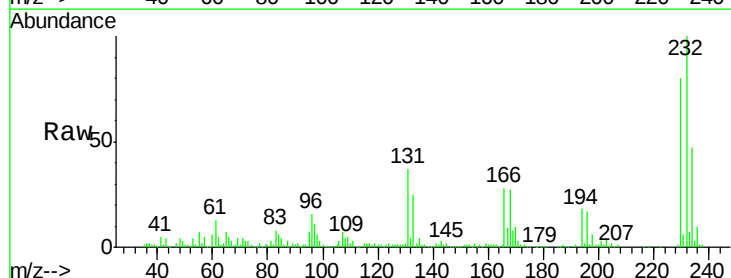
Ion Ratio Lower Upper

232 100

131 42.0 38.4 57.6

130 2.3 1.8 2.8

166 30.0 23.9 35.9



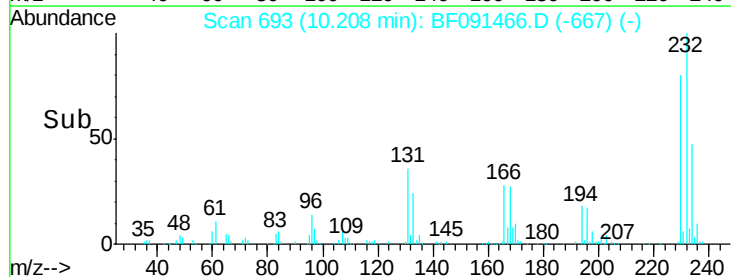
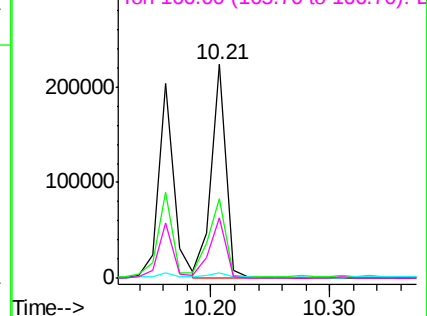
Abundance

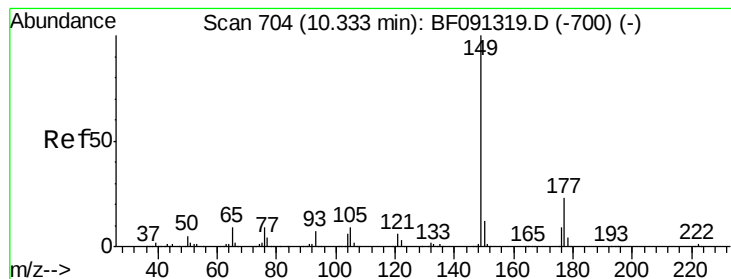
Ion 232.00 (231.70 to 232.70): E

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: 49.15 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

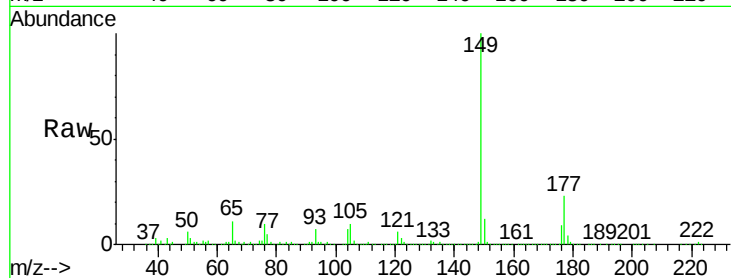
Tgt Ion:149 Resp: 752449

Ion Ratio Lower Upper

149 100

177 22.6 15.7 23.5

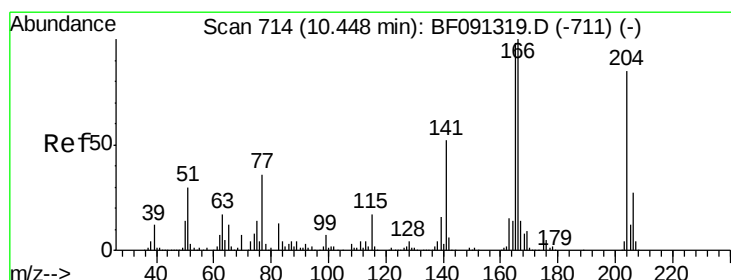
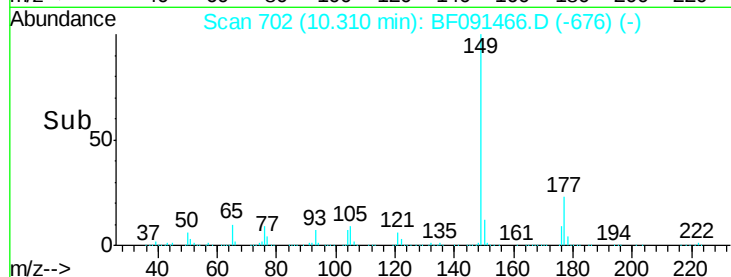
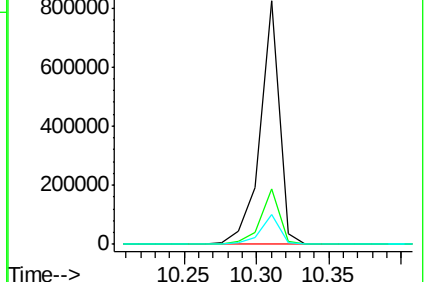
150 12.5 10.2 15.2



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: 47.41 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

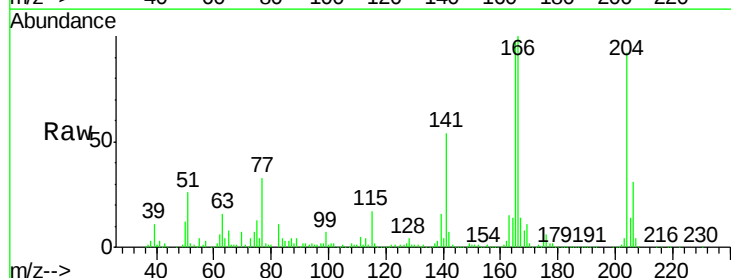
Tgt Ion:204 Resp: 355973

Ion Ratio Lower Upper

204 100

206 33.8 26.1 39.1

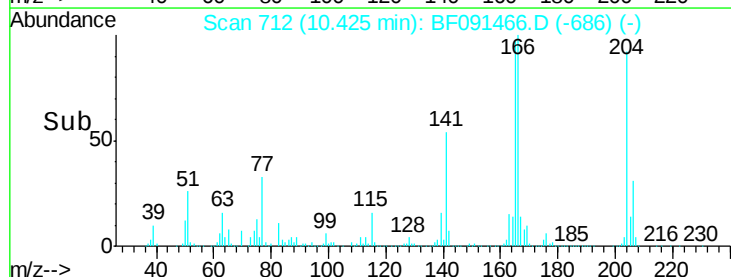
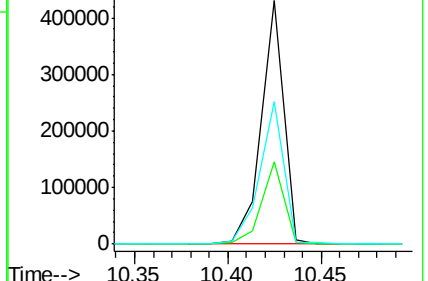
141 58.4 40.6 61.0

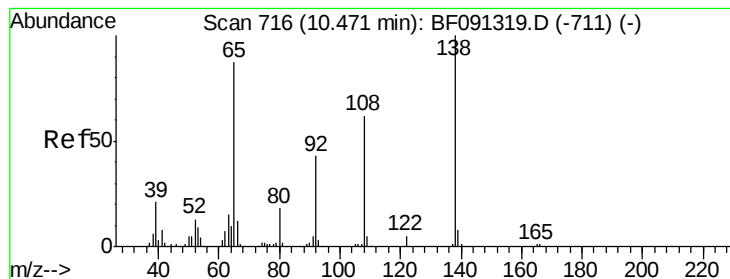


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.38 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

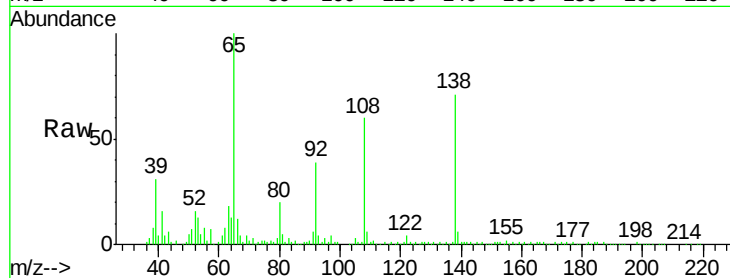
Tgt Ion:138 Resp: 144595

Ion Ratio Lower Upper

138 100

92 55.8 26.9 66.9

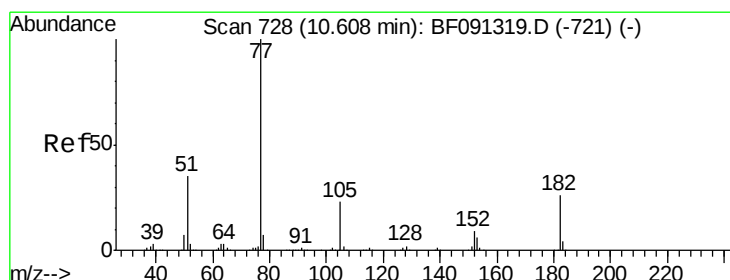
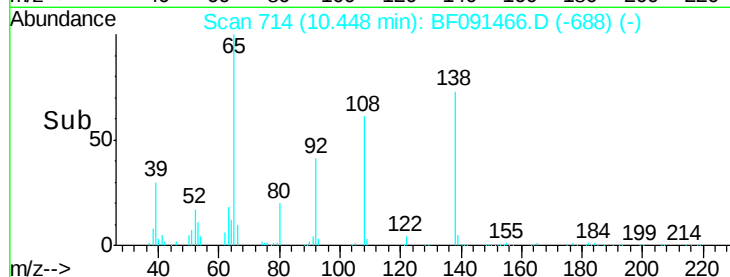
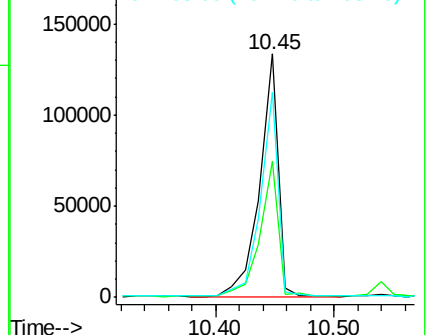
108 84.5 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.72 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Tgt Ion: 77 Resp: 761010

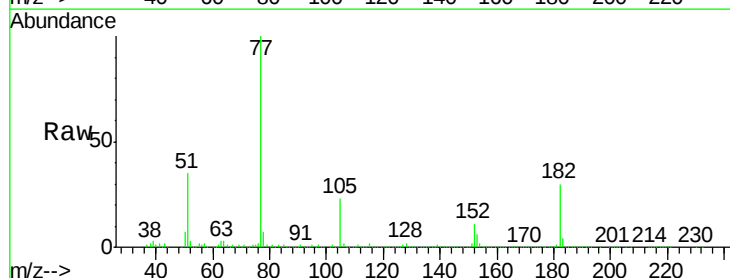
Ion Ratio Lower Upper

77 100

182 30.2 12.5 52.5

105 22.9 3.7 43.7

51 35.2 11.9 51.9

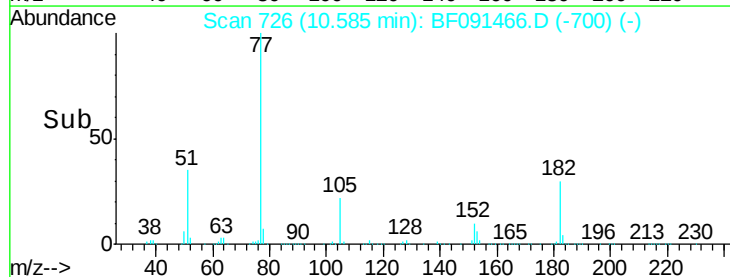
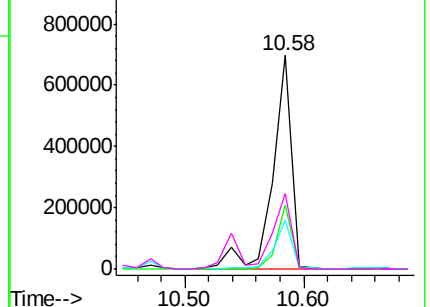


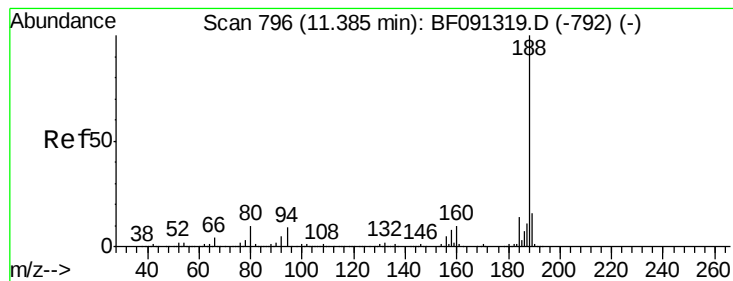
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

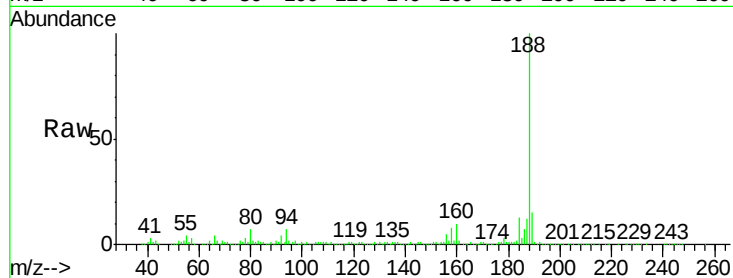
Tgt Ion:188 Resp: 374236

Ion Ratio Lower Upper

188 100

94 6.7 9.2 13.8#

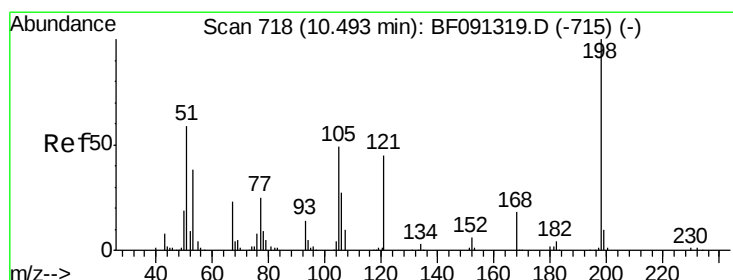
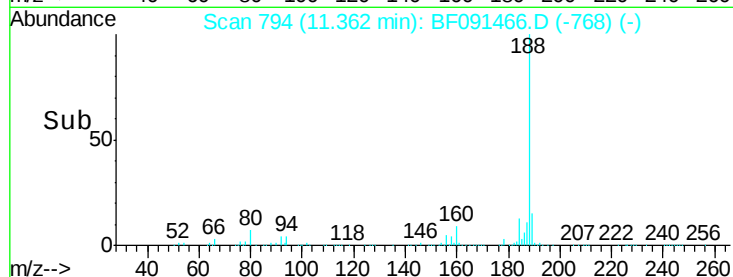
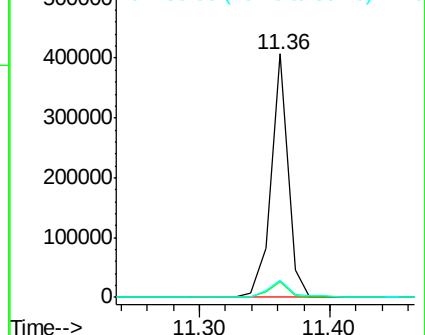
80 7.0 10.5 15.7#



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: 21.59 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

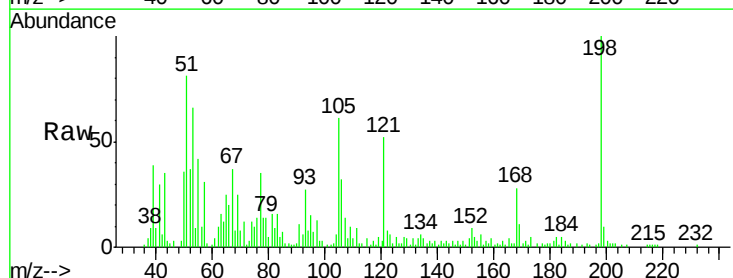
Tgt Ion:198 Resp: 44505

Ion Ratio Lower Upper

198 100

51 81.1 77.1 117.1

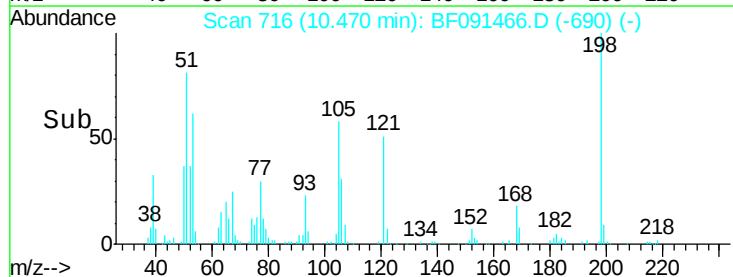
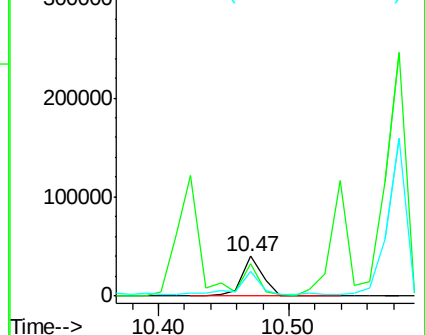
105 61.0 44.8 84.8

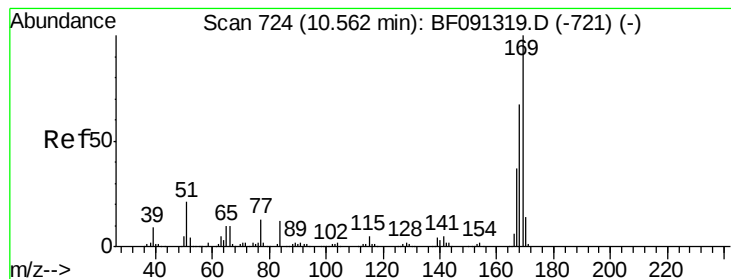


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.63 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

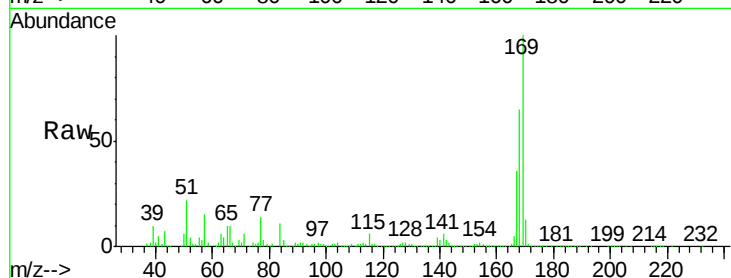
Tgt Ion:169 Resp: 563110

Ion Ratio Lower Upper

169 100

168 65.2 53.8 80.8

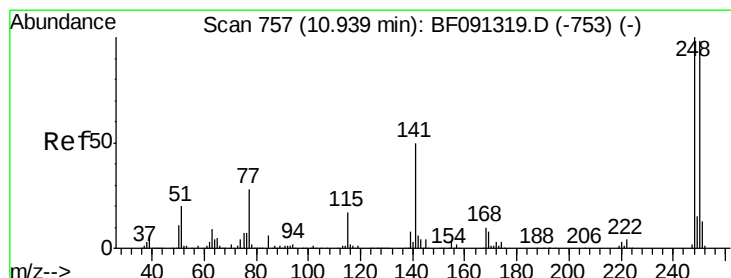
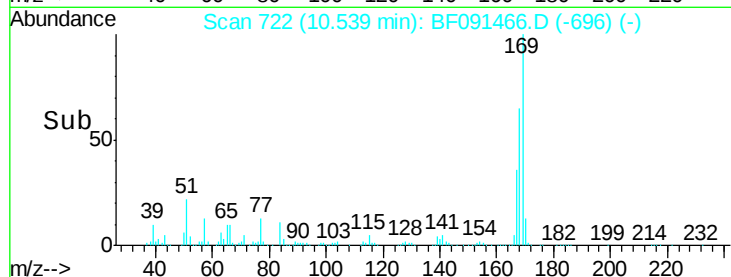
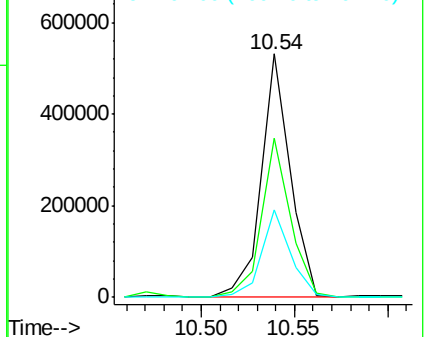
167 35.9 29.8 44.8



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: 54.79 ng

RT: 10.92 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

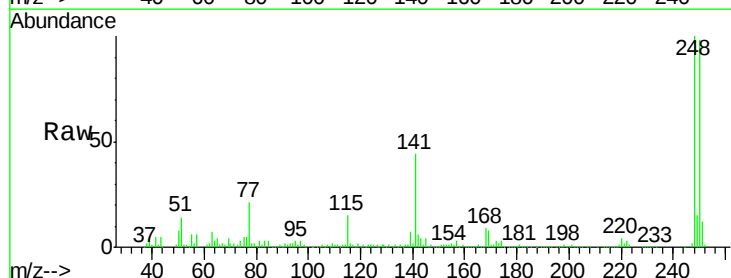
Tgt Ion:248 Resp: 220390

Ion Ratio Lower Upper

248 100

250 97.6 78.2 117.4

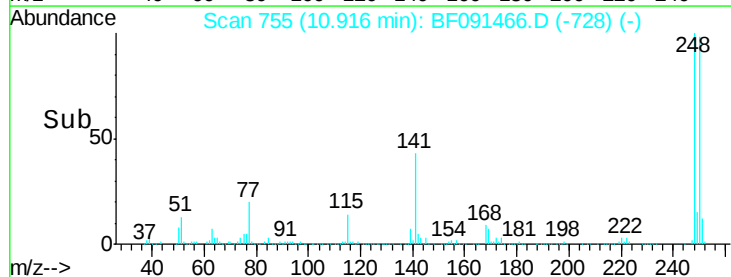
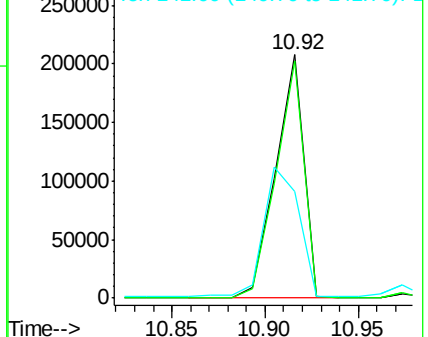
141 43.6 71.9 107.9#

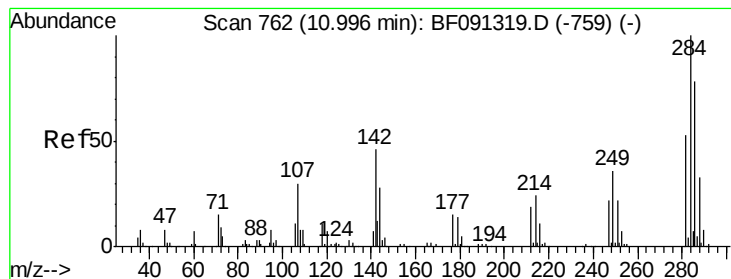


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.61 ng

RT: 10.97 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

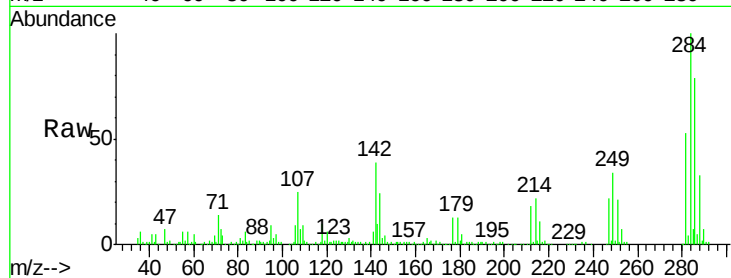
Tgt Ion:284 Resp: 202580

Ion Ratio Lower Upper

284 100

142 39.2 17.9 26.9#

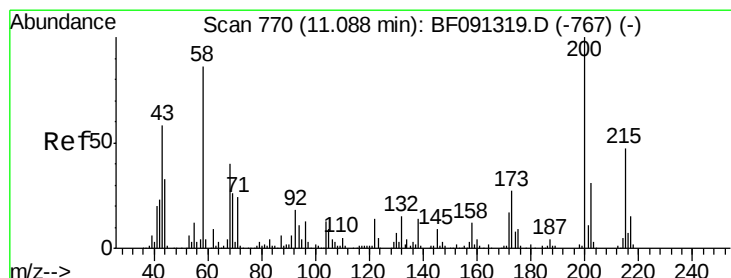
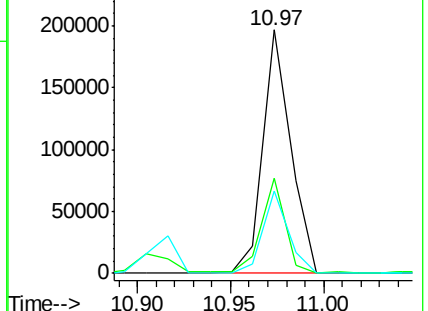
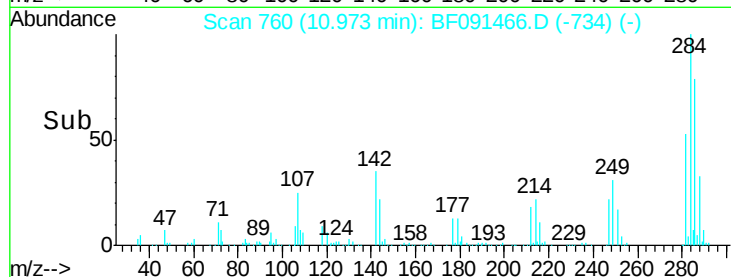
249 33.6 23.6 35.4



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: 53.96 ng

RT: 11.08 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

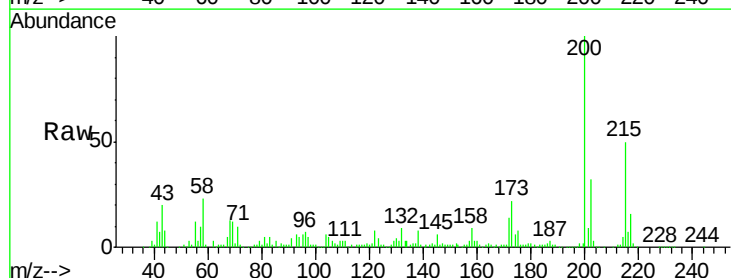
Tgt Ion:200 Resp: 198281

Ion Ratio Lower Upper

200 100

173 22.4 7.8 47.8

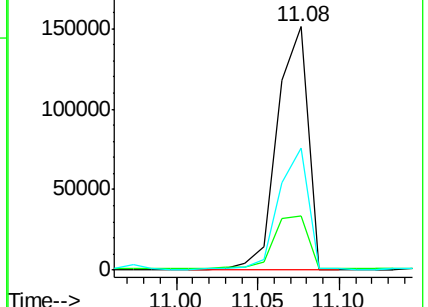
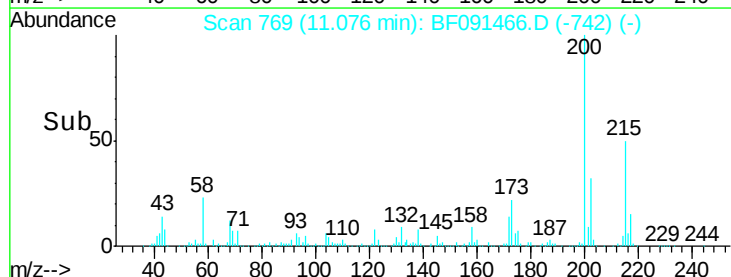
215 50.0 24.3 64.3

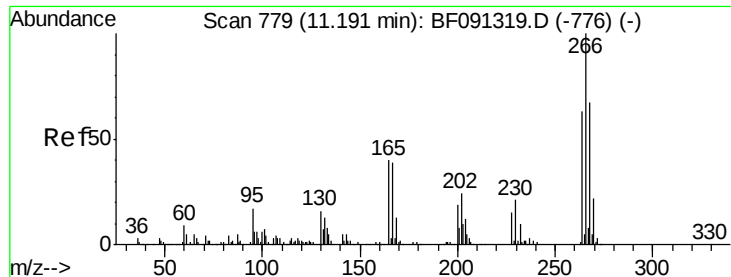


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

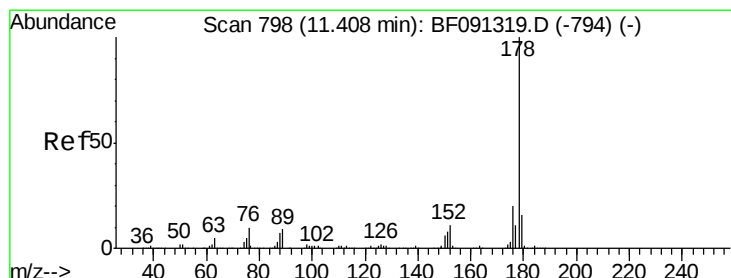
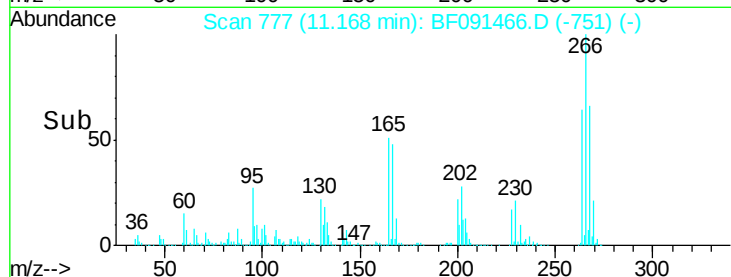
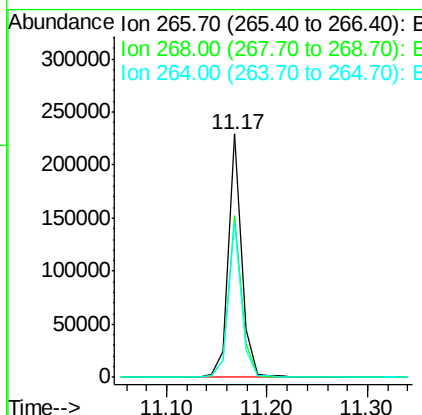
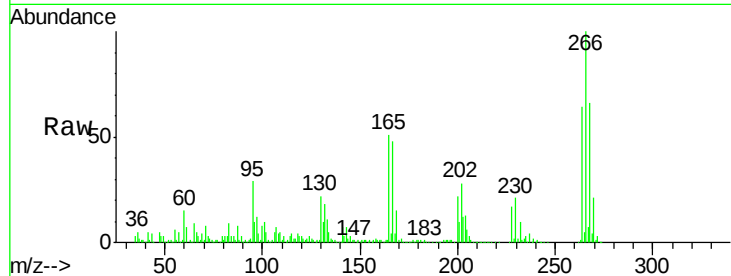




#69
 Pentachlorophenol
 Concen: 82.74 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

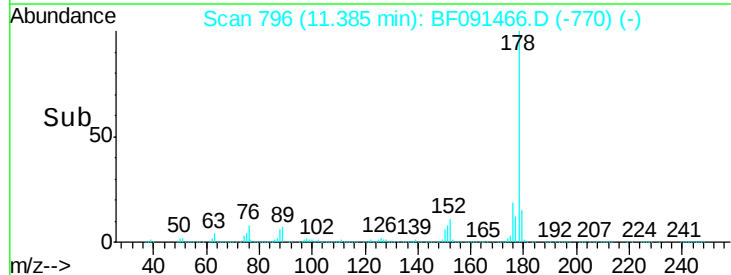
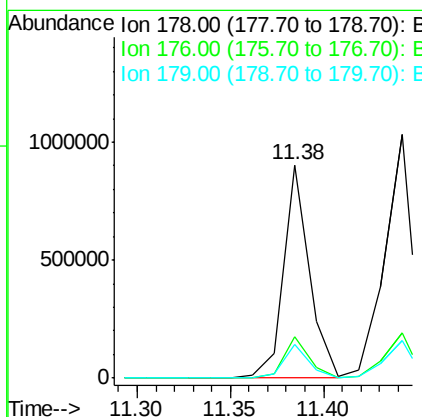
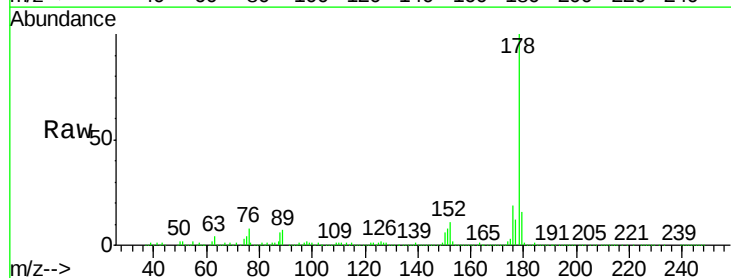
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

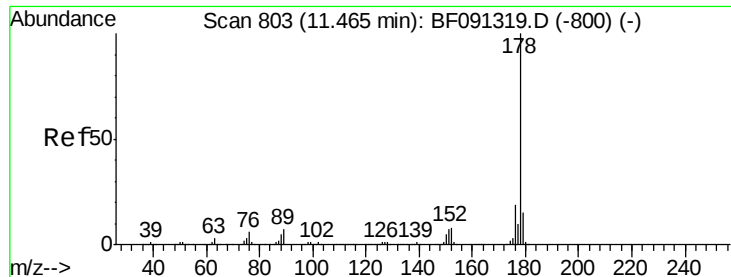
Tgt Ion:266 Resp: 211734
 Ion Ratio Lower Upper
 266 100
 268 66.4 50.3 75.5
 264 63.6 48.2 72.2



#70
 Phenanthrene
 Concen: 44.60 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:178 Resp: 867361
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.5 12.6 18.8

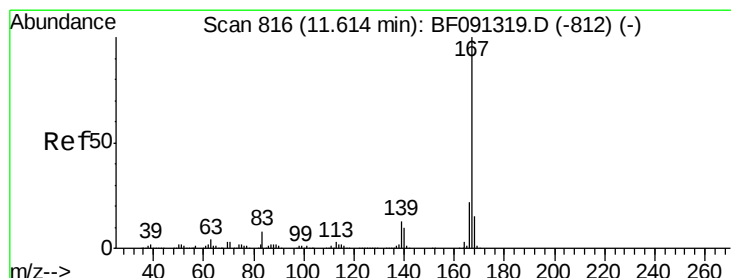
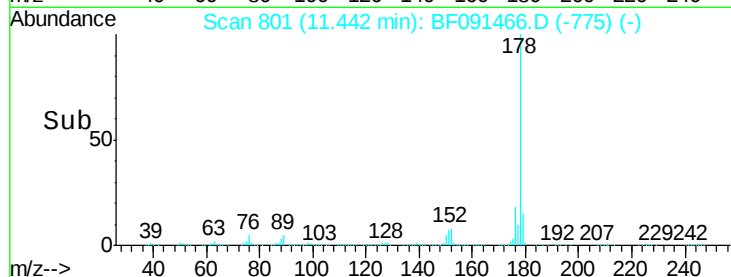
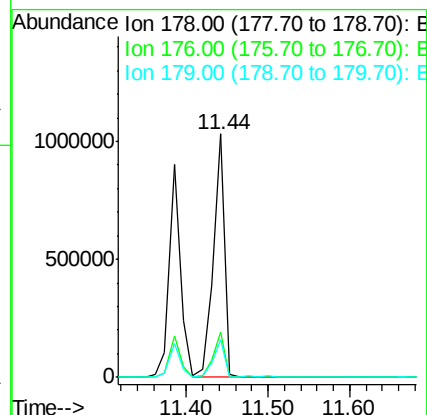
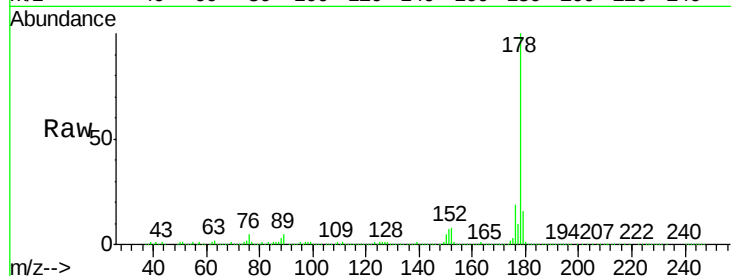




#71
 Anthracene
 Concen: 52.29 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

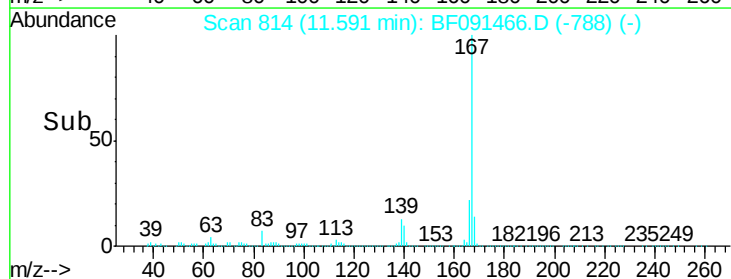
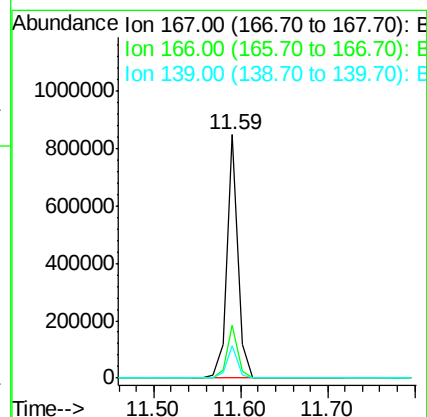
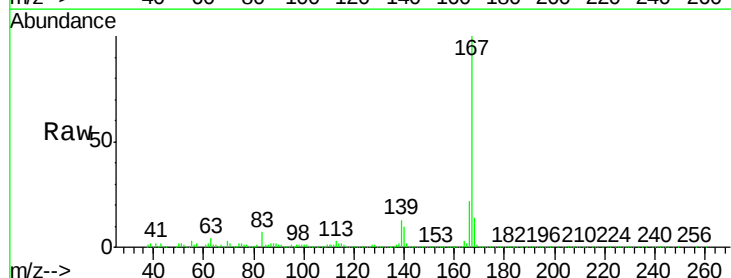
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

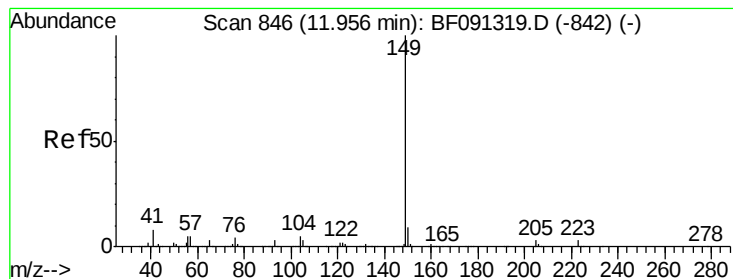
Tgt Ion:178 Resp: 1009220
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.6
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 43.04 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:167 Resp: 753717
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.2 11.5 17.3





#73

Di-n-butylphthalate

Concen: 50.04 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

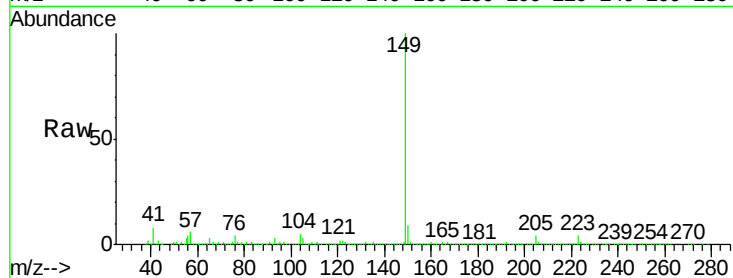
Tgt Ion:149 Resp: 993262

Ion Ratio Lower Upper

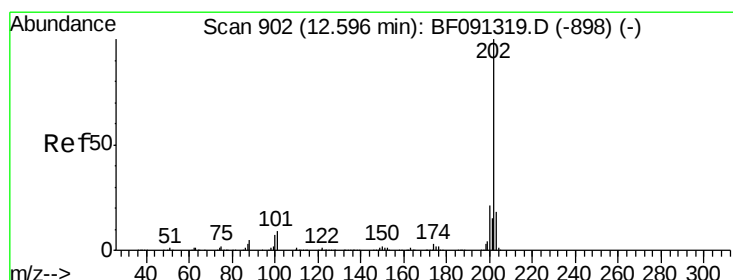
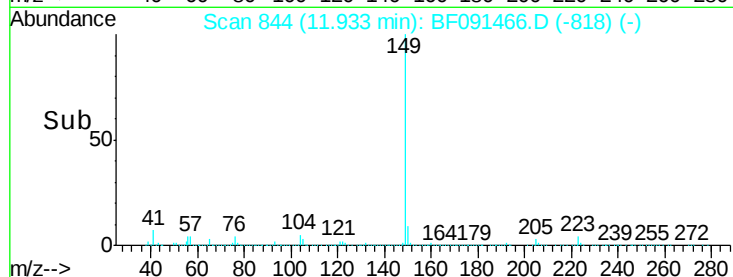
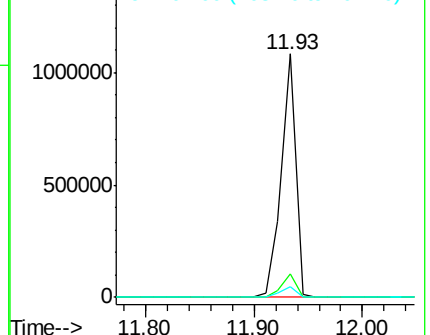
149 100

150 9.4 7.5 11.3

104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.35 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

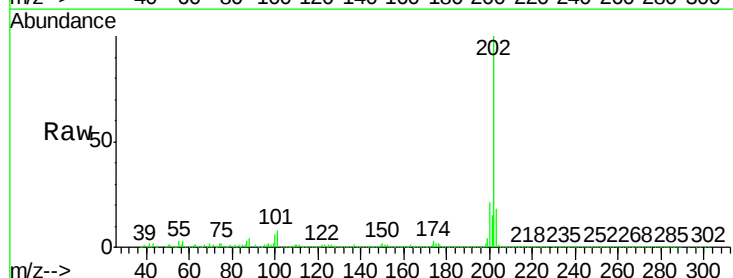
Tgt Ion:202 Resp: 927475

Ion Ratio Lower Upper

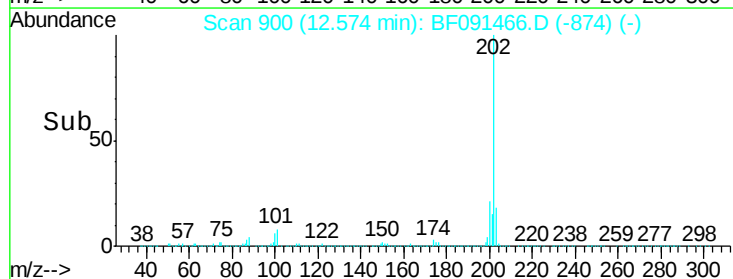
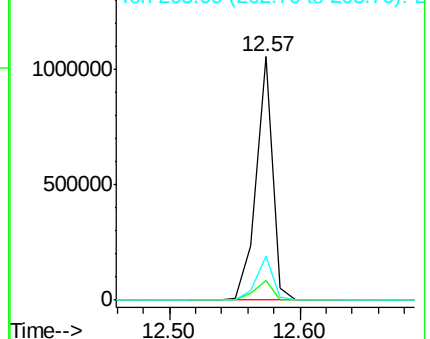
202 100

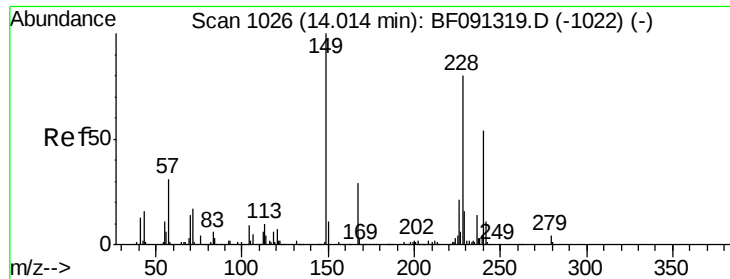
101 8.0 0.0 29.5

203 17.9 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

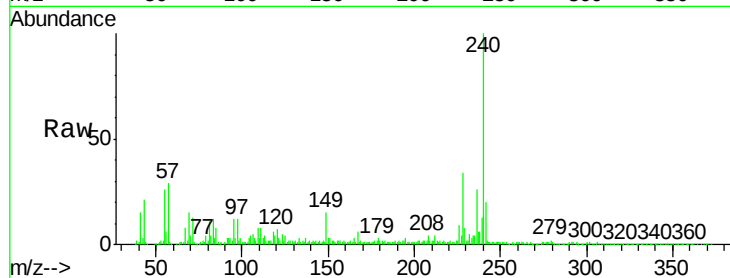




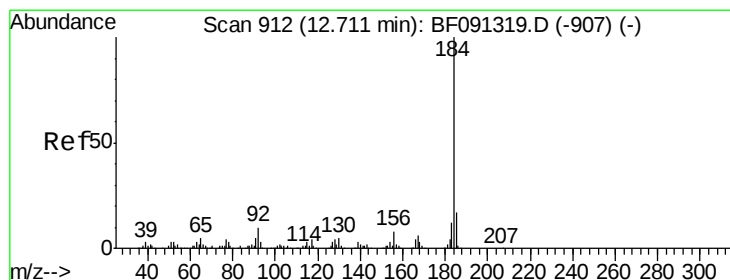
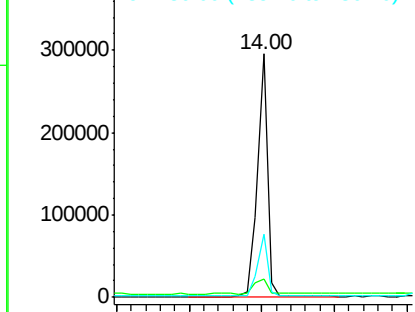
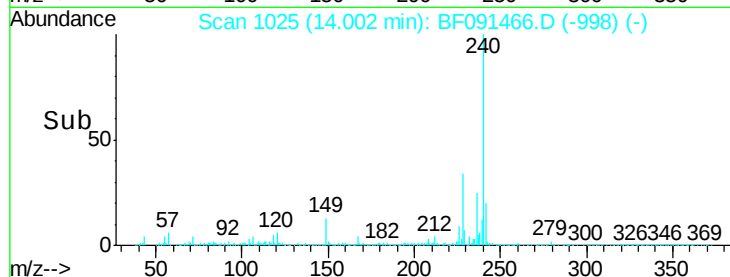
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2MS

Tgt Ion:240 Resp: 287923
Ion Ratio Lower Upper
240 100
120 7.5 12.1 18.1#
236 25.8 21.0 31.6

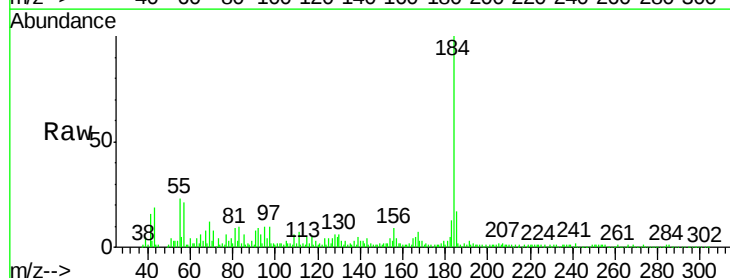


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

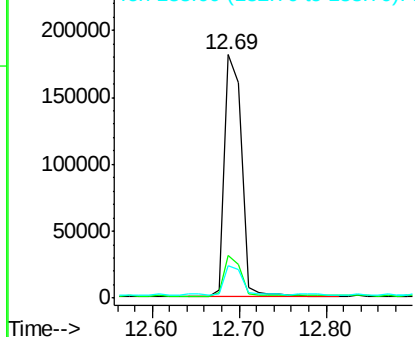
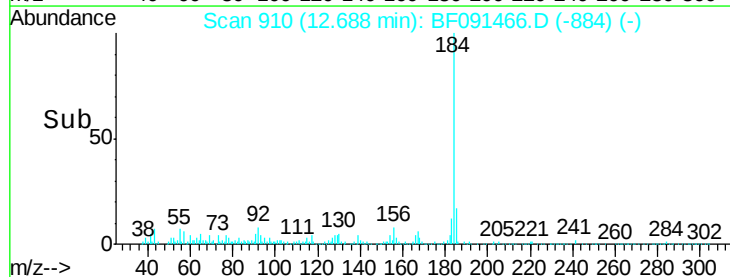


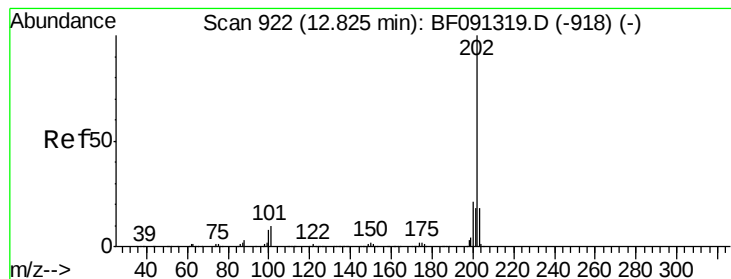
#76
Benzidine
Concen: 29.73 ng
RT: 12.69 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF091466.D
Acq: 6 Dec 2016 18:44

Tgt Ion:184 Resp: 251264
Ion Ratio Lower Upper
184 100
185 17.5 13.1 19.7
183 13.4 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: 46.01 ng

RT: 12.80 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

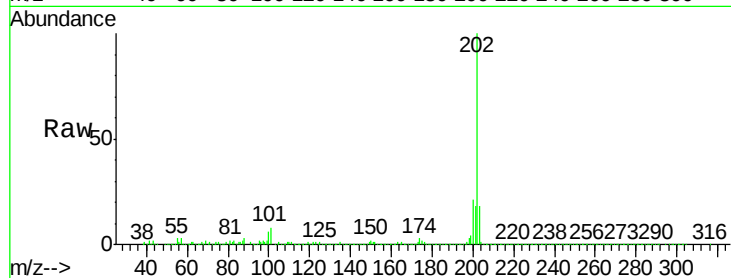
BNA_F

ClientSampleId :

TP14-15-COMP2MS

Tgt Ion:202 Resp: 1005262

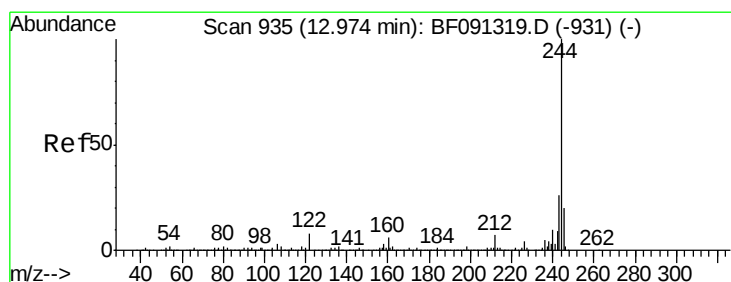
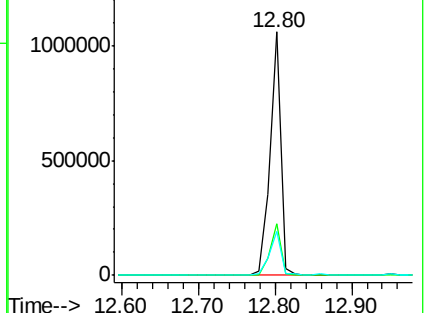
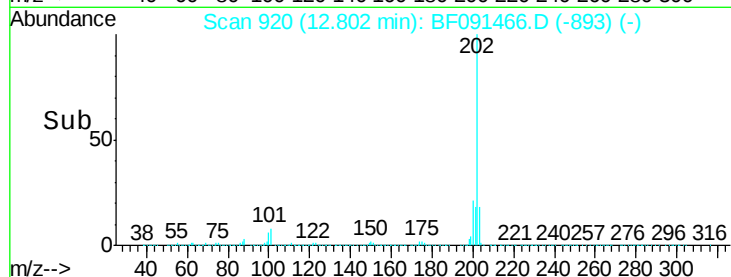
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.8	14.0	21.0



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: 81.73 ng

RT: 12.95 min Scan# 933

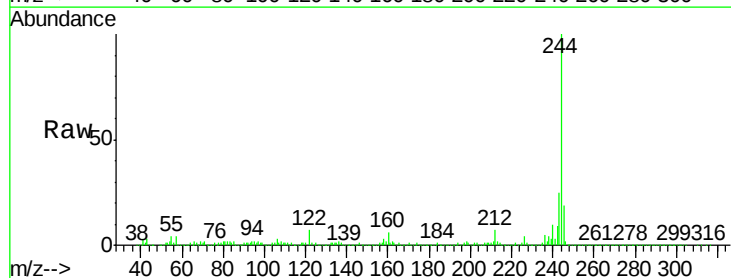
Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Tgt Ion:244 Resp: 1082670

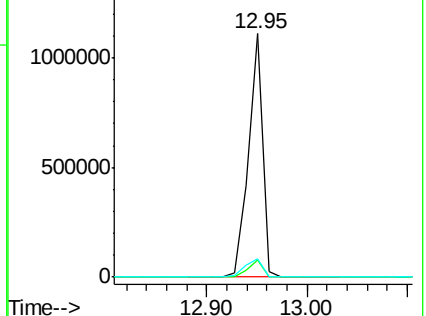
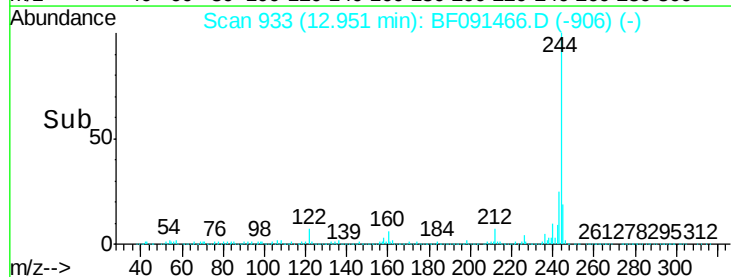
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	7.4	9.5	14.3#

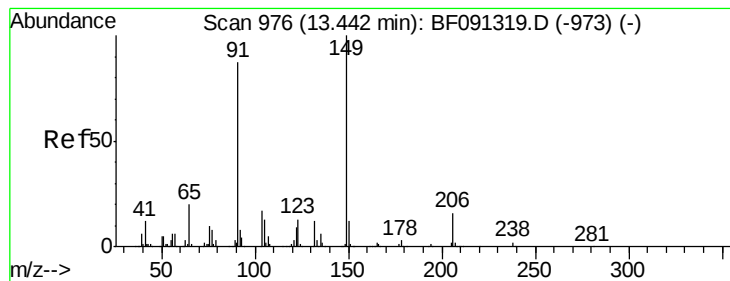


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.03 ng

RT: 13.42 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

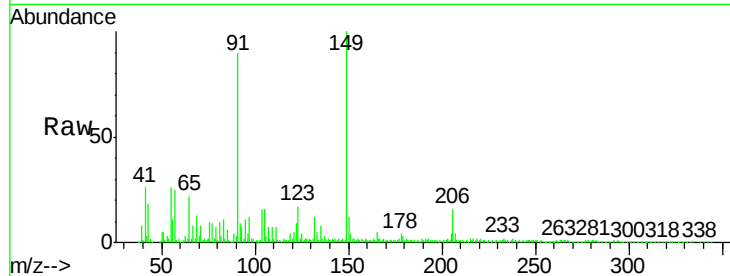
Tgt Ion:149 Resp: 335676

Ion Ratio Lower Upper

149 100

91 90.5 57.4 86.2#

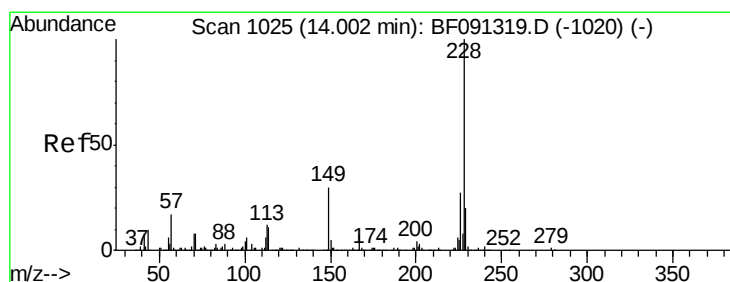
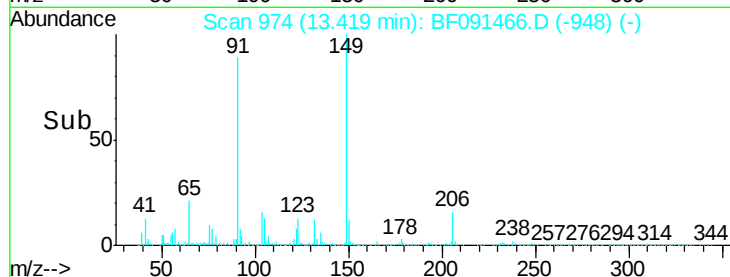
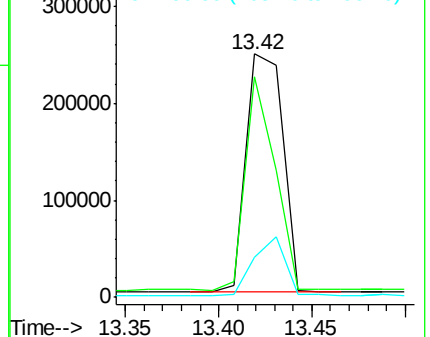
206 16.5 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.39 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

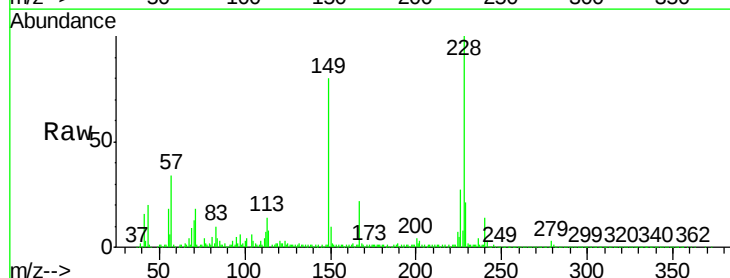
Tgt Ion:228 Resp: 764234

Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

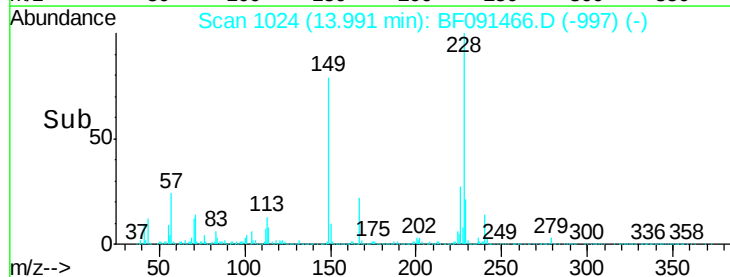
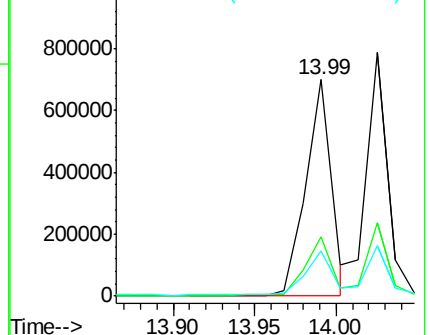
229 21.0 16.4 24.6

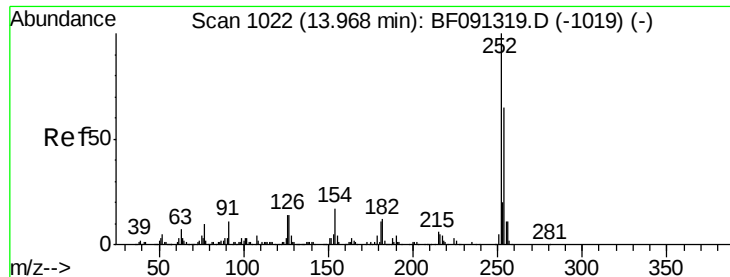


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 26.57 ng

RT: 13.96 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

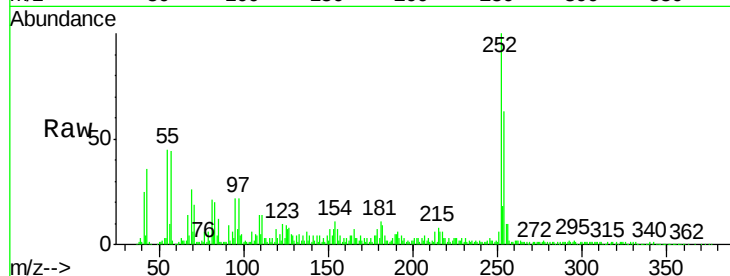
Tgt Ion:252 Resp: 157584

Ion Ratio Lower Upper

252 100

254 63.2 52.1 78.1

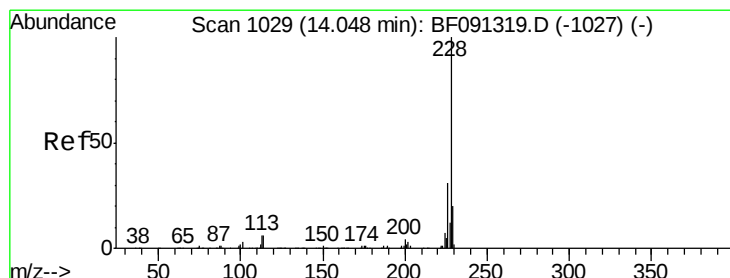
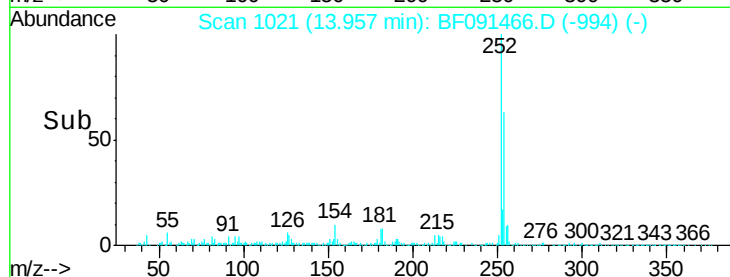
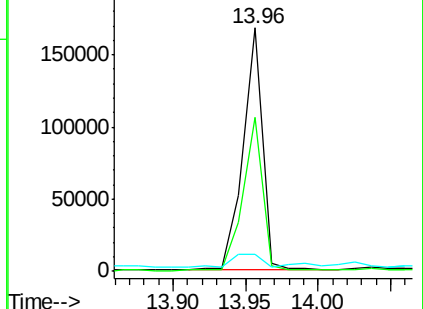
126 7.1 7.5 11.3#



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: 42.84 ng m

RT: 14.03 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

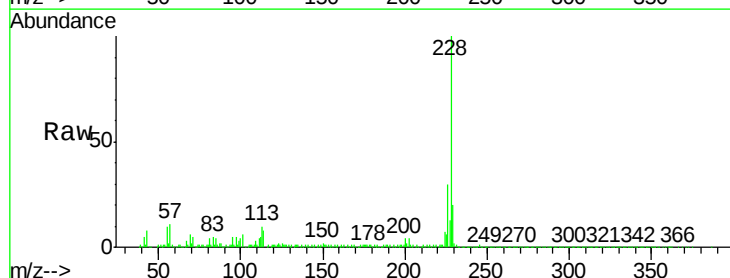
Tgt Ion:228 Resp: 713744

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

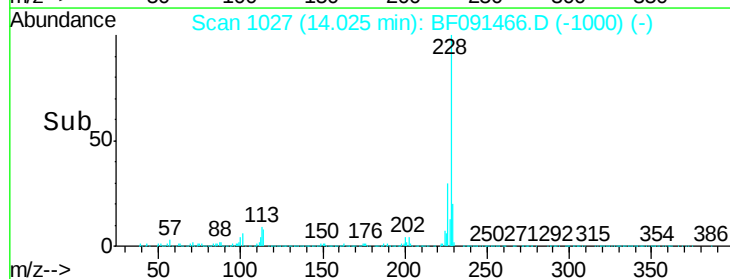
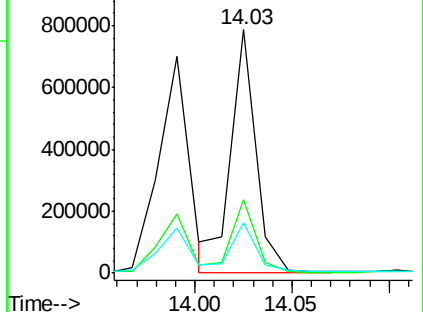
229 20.5 16.0 24.0

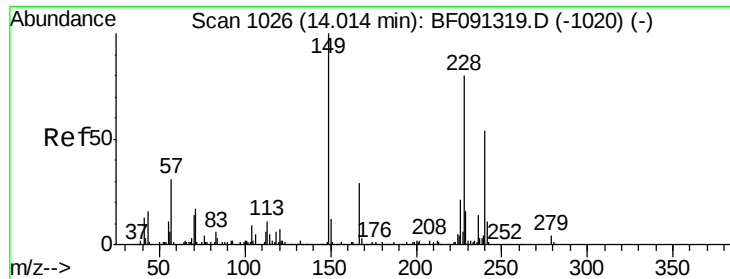


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

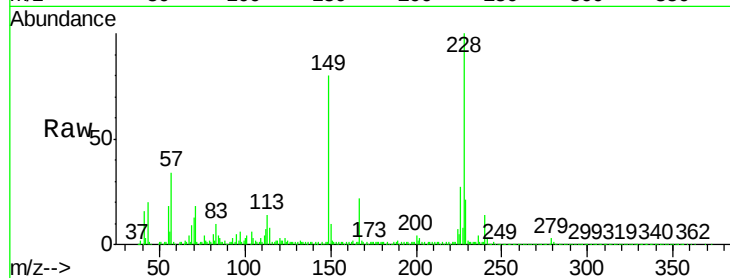




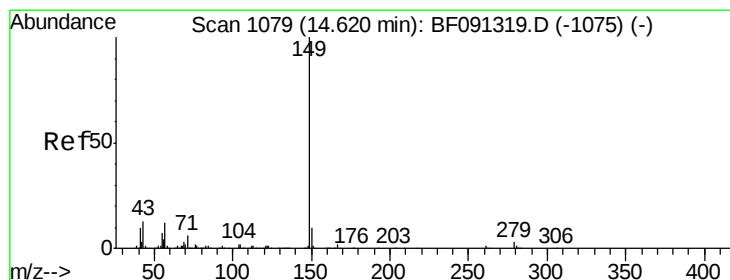
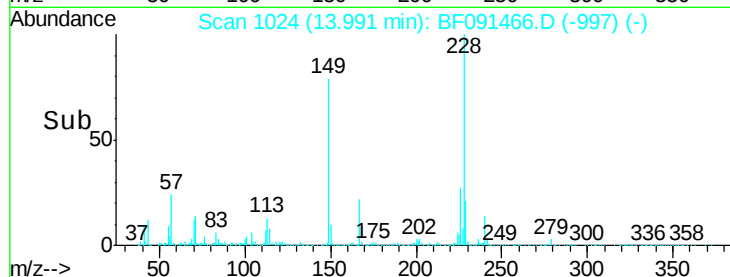
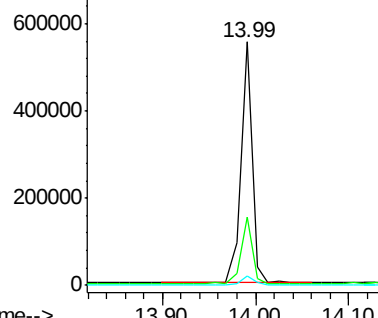
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.17 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

Tgt Ion:149 Resp: 478816
 Ion Ratio Lower Upper
 149 100
 167 28.1 19.6 29.4
 279 3.7 1.9 2.9#

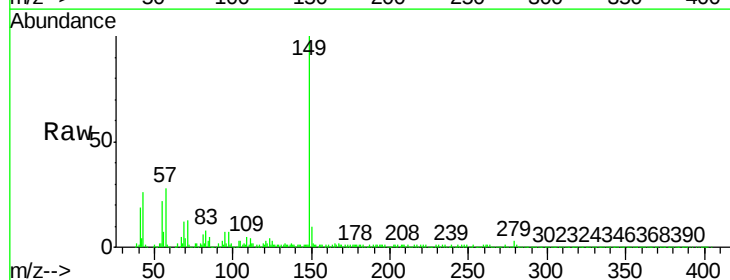


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

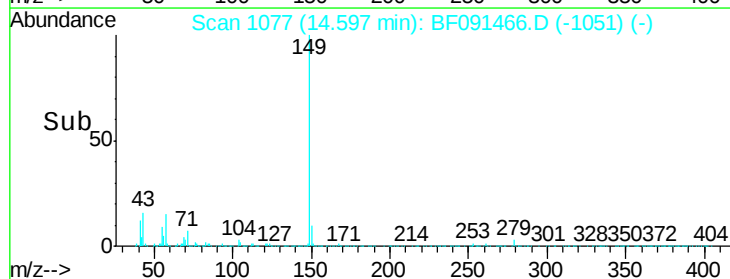
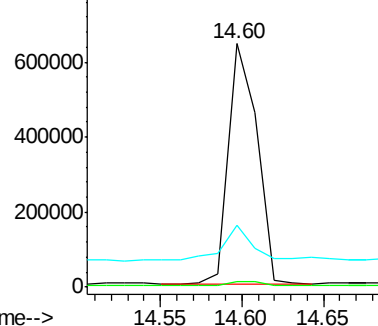


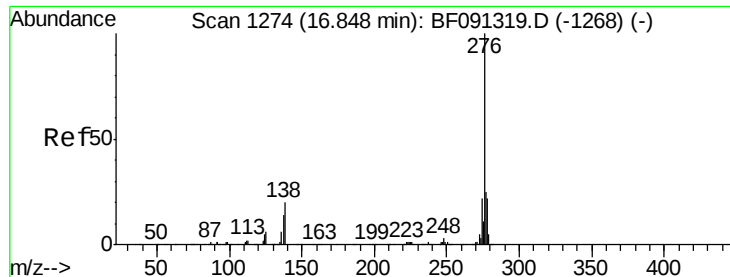
#84
 Di-n-octyl phthalate
 Concen: 49.54 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:149 Resp: 777512
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 15.7 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

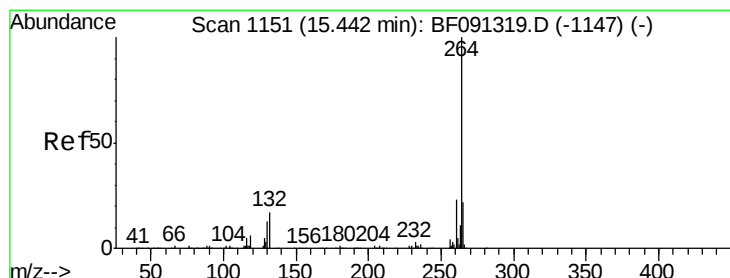
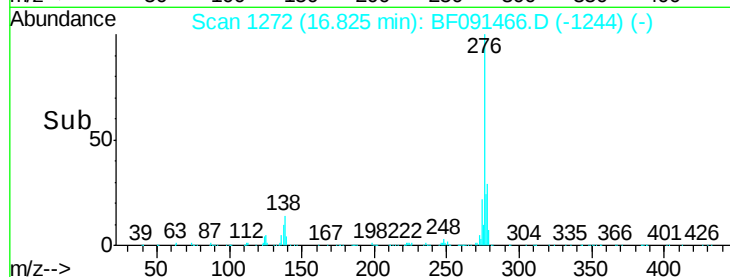
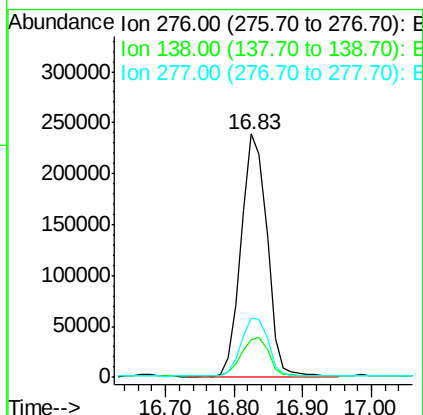
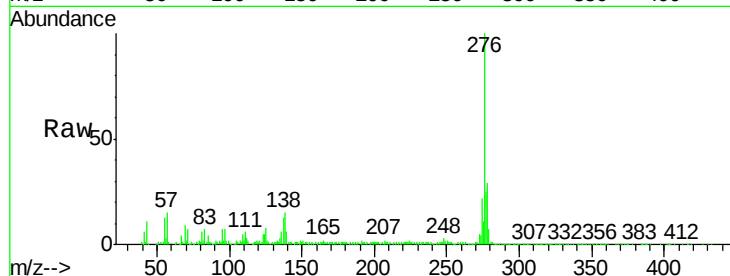




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.69 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. 0.02 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

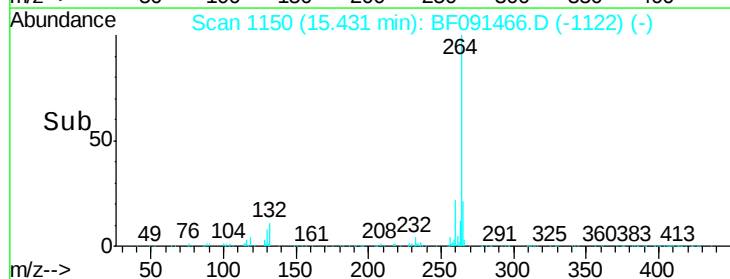
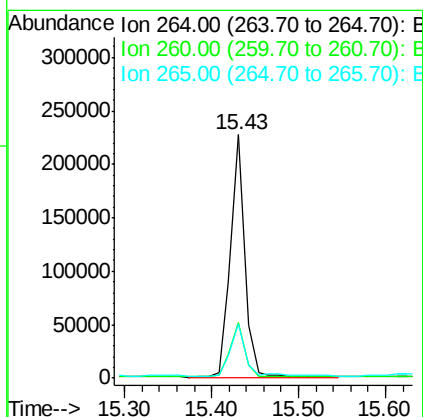
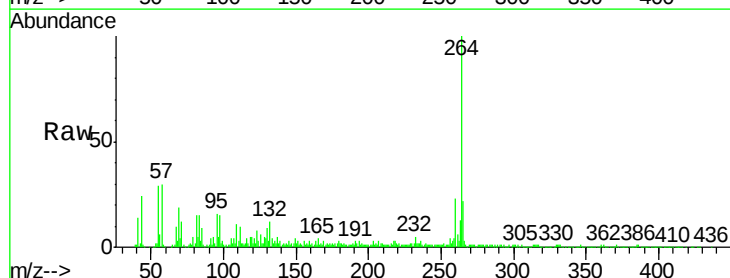
Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2MS

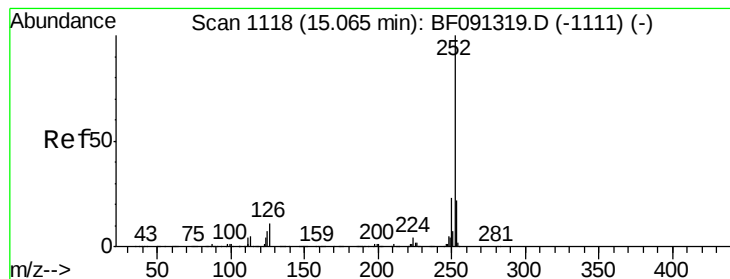
Tgt Ion:276 Resp: 620890
 Ion Ratio Lower Upper
 276 100
 138 16.4 21.0 31.4#
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. 0.02 min
 Lab File: BF091466.D
 Acq: 6 Dec 2016 18:44

Tgt Ion:264 Resp: 261072
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 22.1 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 60.08 ng m

RT: 15.02 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS

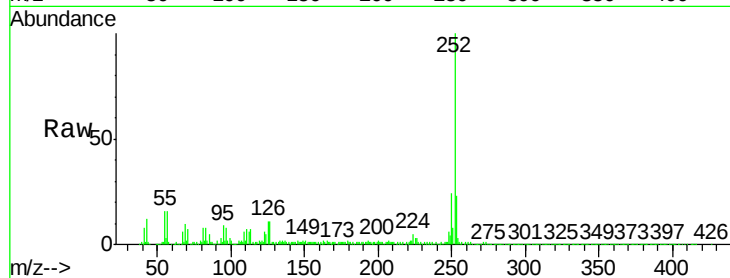
Tgt Ion:252 Resp: 974923

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

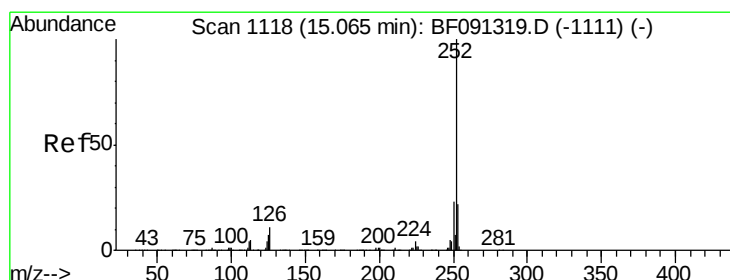
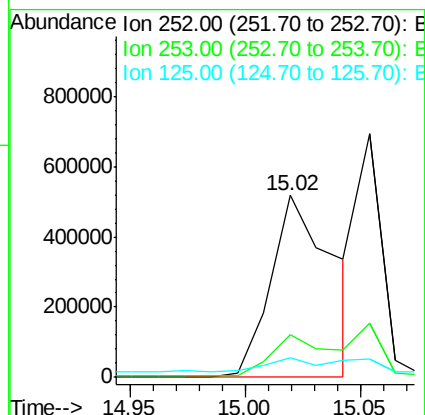
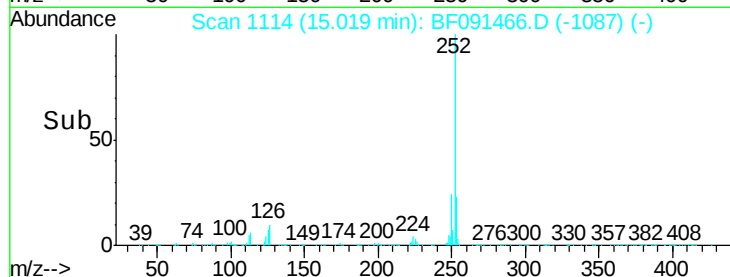
125 10.8 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.73 ng m

RT: 15.05 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

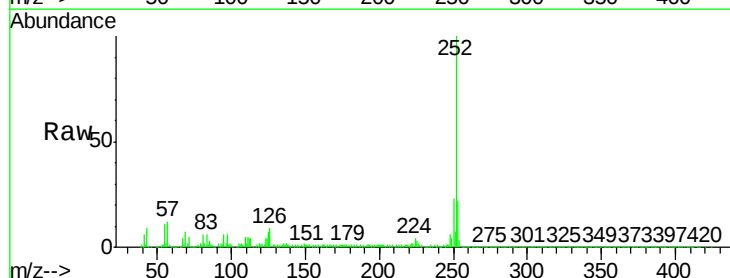
Tgt Ion:252 Resp: 528481

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

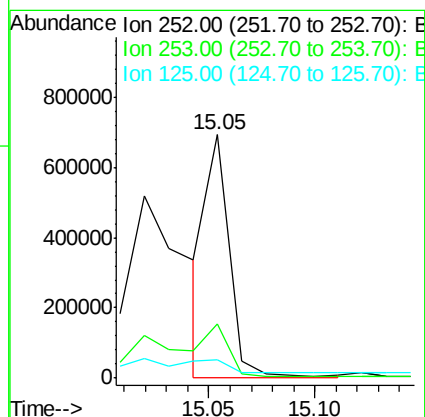
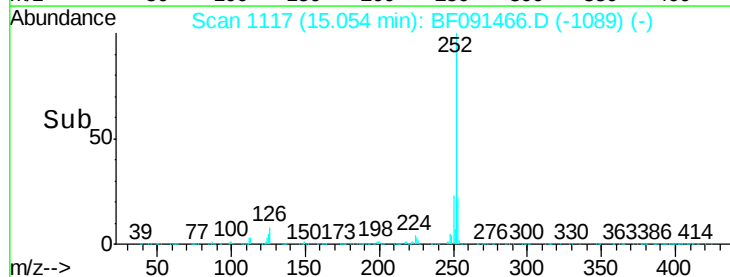
125 7.5 9.6 14.4#

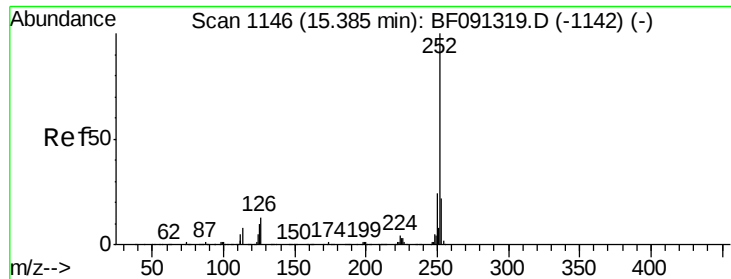


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.13 ng

RT: 15.37 min Scan# 1145

Delta R.T. 0.02 min

Lab File: BF091466.D

Acq: 6 Dec 2016 18:44

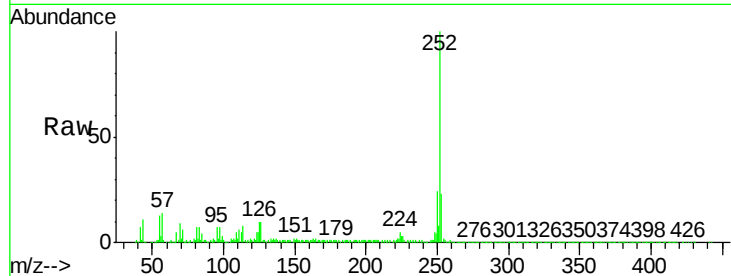
Instrument :

BNA_F

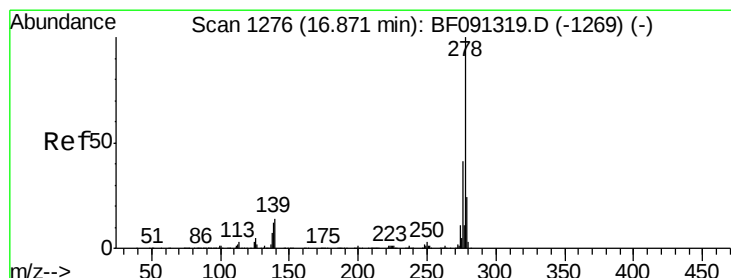
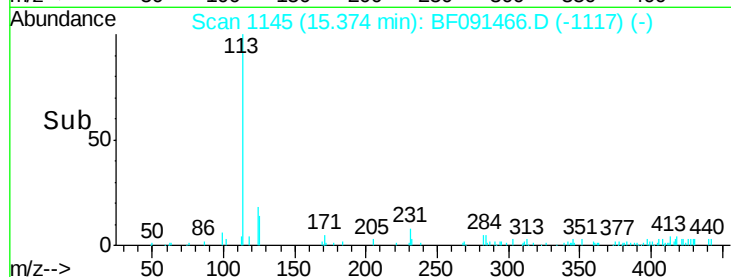
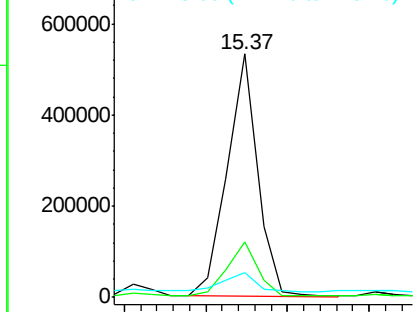
ClientSampleId :

TP14-15-COMP2MS

Tgt Ion:	252	Resp:	686857
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.0	10.4	15.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 37.93 ng

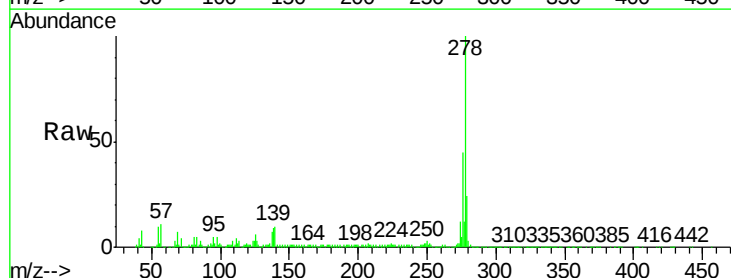
RT: 16.85 min Scan# 1274

Delta R.T. 0.03 min

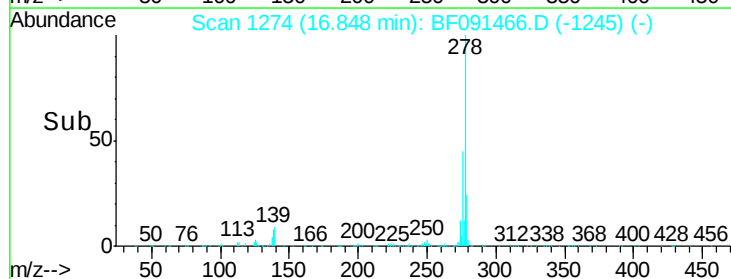
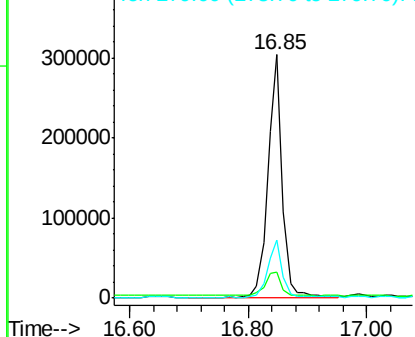
Lab File: BF091466.D

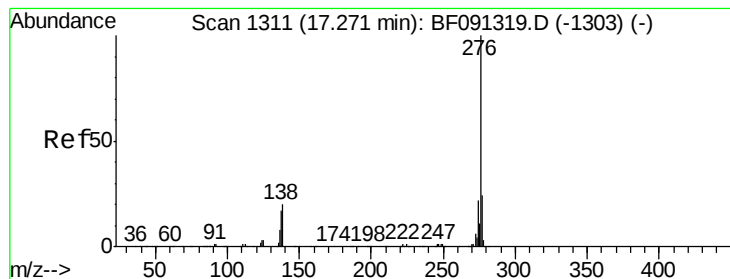
Acq: 6 Dec 2016 18:44

Tgt Ion:	278	Resp:	511306
Ion	Ratio	Lower	Upper
278	100		
139	10.4	15.1	22.7#
279	23.8	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: 36.17 ng

RT: 17.25 min Scan# 1309

Delta R.T. 0.03 min

Lab File: BF091466.D

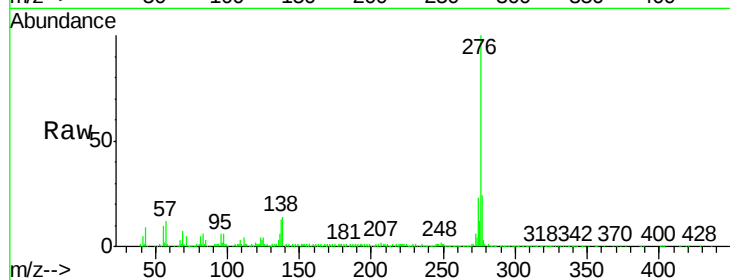
Acq: 6 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2MS



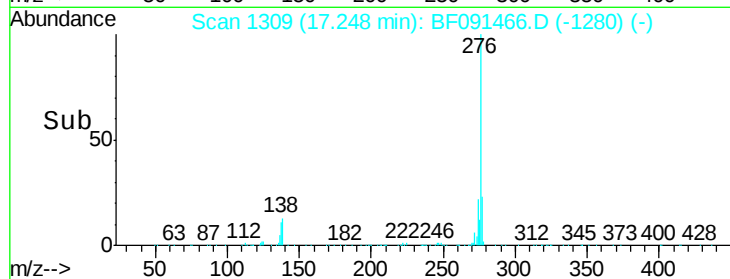
Tgt Ion: 276 Resp: 502616

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 14.0 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

300000

250000

200000

150000

100000

50000

0

17.20

17.25

17.30

17.35

17.40

Time-->