

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091191.D
 Acq On : 16 Nov 2016 16:42
 Operator : UM/SJ
 Sample : PB94688BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Quant Time: Nov 16 23:51:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	180922	20.00	ng	-0.03
21) Naphthalene-d8	7.90	136	729811	20.00	ng	-0.05
38) Acenaphthene-d10	9.66	164	404976	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	693077	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	558093	20.00	ng	-0.03
86) Perylene-d12	15.15	264	423894	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1419466	129.58	ng	-0.02
7) Phenol-d6	6.28	99	1808853	121.65	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1190979	89.02	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	525744	143.60	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2002094	85.11	ng	-0.05
78) Terphenyl-d14	12.73	244	2014548	90.08	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	198190	31.63	ng	# 96
3) Pyridine	2.81	79	620511	42.33	ng	99
4) n-Nitrosodimethylamine	2.77	42	236676	40.82	ng	92
6) Aniline	6.28	93	350864	20.01	ng	# 70
8) 2-Chlorophenol	6.41	128	569954	43.62	ng	92
9) Benzaldehyde	6.17	77	45515	5.52	ng	99
10) Phenol	6.29	94	577645	35.10	ng	# 74
11) bis(2-Chloroethyl)ether	6.36	93	561548	40.50	ng	98
12) 1,3-Dichlorobenzene	6.56	146	565849	42.82	ng	95
13) 1,4-Dichlorobenzene	6.64	146	580041	40.91	ng	96
14) 1,2-Dichlorobenzene	6.78	146	521310	40.06	ng	97
15) Benzyl Alcohol	6.78	79	466132	44.44	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	698446	35.18	ng	# 42
17) 2-Methylphenol	6.91	107	457027	44.18	ng	# 93
18) Hexachloroethane	7.13	117	226204	41.22	ng	92
19) n-Nitroso-di-n-propylamine	7.06	70	448119	43.49	ng	# 86
20) 3+4-Methylphenols	7.06	107	607881	48.94	ng	92
22) Acetophenone	7.05	105	801666	47.71	ng	# 94
24) Nitrobenzene	7.22	77	657388	44.49	ng	94
25) Isophorone	7.46	82	1170405	45.40	ng	99
26) 2-Nitrophenol	7.54	139	294406	47.08	ng	# 66
27) 2,4-Dimethylphenol	7.58	122	486656	47.06	ng	97
28) bis(2-Chloroethoxy)methane	7.68	93	714080	50.70	ng	99
29) 2,4-Dichlorophenol	7.78	162	422690	46.84	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	465826	45.91	ng	98
31) Naphthalene	7.93	128	1412218	40.46	ng	99
32) Benzoic acid	7.76	122	289613	37.18	ng	93
33) 4-Chloroaniline	8.00	127	196305	13.52	ng	98
34) Hexachlorobutadiene	8.05	225	260189	47.51	ng	99
35) Caprolactam	8.37	113	93043	32.82	ng	# 83
36) 4-Chloro-3-methylphenol	8.50	107	454050	41.56	ng	93
37) 2-Methylnaphthalene	8.62	142	932627	41.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	489139	47.37	ng	98
40) Hexachlorocyclopentadiene	8.78	237	370800	91.51	ng	98

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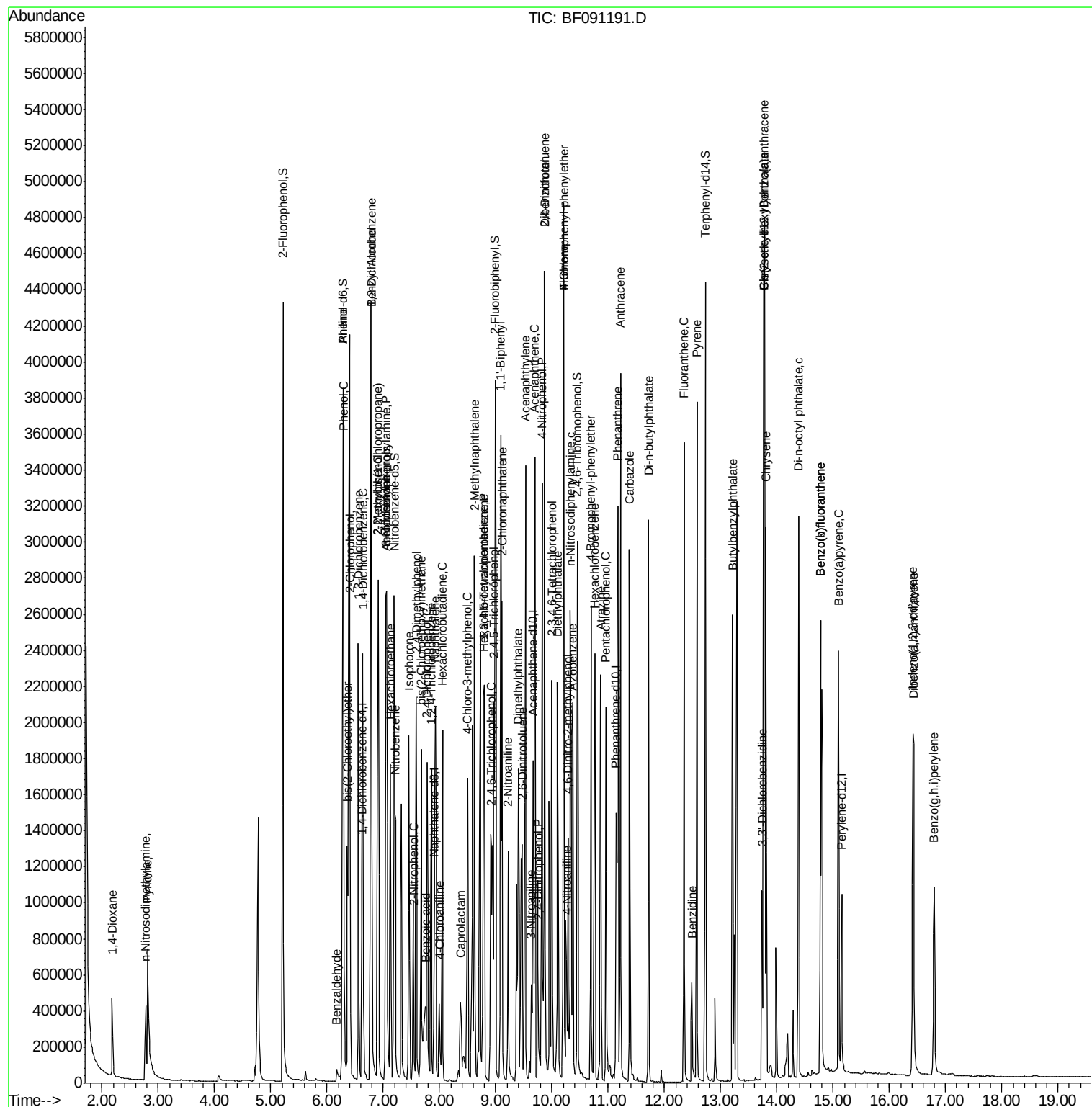
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	288255	43.25	ng	97
43) 2,4,5-Trichlorophenol	8.97	196	337116	48.17	ng	# 93
45) 1,1'-Biphenyl	9.09	154	1213608	41.04	ng	97
46) 2-Chloronaphthalene	9.12	162	966963	43.07	ng	96
47) 2-Nitroaniline	9.22	65	272957	32.76	ng	98
48) Acenaphthylene	9.53	152	1423893	40.70	ng	100
49) Dimethylphthalate	9.40	163	1092222	41.13	ng	100
50) 2,6-Dinitrotoluene	9.47	165	269614	47.38	ng	# 55
51) Acenaphthene	9.70	154	886440	40.35	ng	100
52) 3-Nitroaniline	9.63	138	121838	18.05	ng	99
53) 2,4-Dinitrophenol	9.76	184	223760	72.79	ng	# 82
54) Dibenzofuran	9.87	168	1301450	44.01	ng	98
55) 4-Nitrophenol	9.82	139	335346	75.00	ng	# 84
56) 2,4-Dinitrotoluene	9.87	165	314749	43.47	ng	# 72
57) Fluorene	10.21	166	1098244	45.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	278868	50.86	ng	99
59) Diethylphthalate	10.10	149	1176330	43.21	ng	98
60) 4-Chlorophenyl-phenylether	10.21	204	515670	46.88	ng	97
61) 4-Nitroaniline	10.26	138	264067	38.68	ng	89
62) Azobenzene	10.36	77	1397248	43.60	ng	83
64) 4,6-Dinitro-2-methylphenol	10.28	198	177659	41.86	ng	# 53
65) n-Nitrosodiphenylamine	10.33	169	972852	44.16	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	318124	44.13	ng	# 87
67) Hexachlorobenzene	10.76	284	386311	48.59	ng	# 87
68) Atrazine	10.86	200	274931	43.26	ng	95
69) Pentachlorophenol	10.96	266	310595	88.20	ng	98
70) Phenanthrene	11.17	178	1644502	44.63	ng	100
71) Anthracene	11.22	178	1499152	38.27	ng	99
72) Carbazole	11.38	167	1342715	38.04	ng	99
73) Di-n-butylphthalate	11.72	149	1756026	39.55	ng	100
74) Fluoranthene	12.35	202	1415167	37.04	ng	96
76) Benzidine	12.49	184	364644	29.25	ng	97
77) Pyrene	12.58	202	1500062	41.04	ng	99
79) Butylbenzylphthalate	13.21	149	702042	40.16	ng	94
80) Benzo(a)anthracene	13.77	228	1317974	41.59	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	257235	23.11	ng	# 97
82) Chrysene	13.80	228	1194916	38.24	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	969527	40.98	ng	# 94
84) Di-n-octyl phthalate	14.39	149	1594077	40.98	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.42	276	988767	38.14	ng	95
87) Benzo(b)fluoranthene	14.77	252	2330592	81.06	ng	98
88) Benzo(k)fluoranthene	14.77	252	2332070	92.47	ng	97
89) Benzo(a)pyrene	15.09	252	1059135	42.32	ng	# 96
90) Dibenzo(a,h)anthracene	16.43	278	844406	39.03	ng	# 96
91) Benzo(g,h,i)perylene	16.80	276	772147	39.46	ng	94

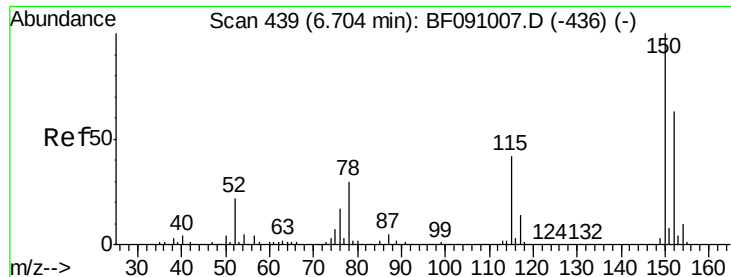
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

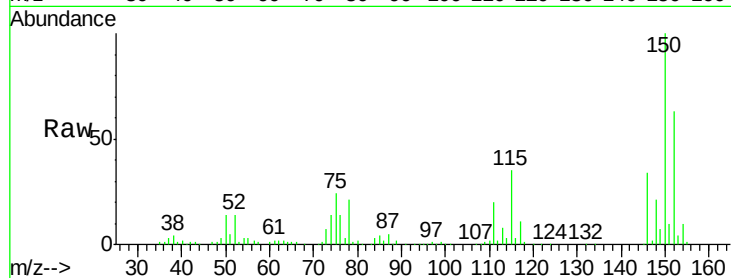
Tgt Ion:152 Resp: 180922

Ion Ratio Lower Upper

152 100

150 159.8 126.8 190.2

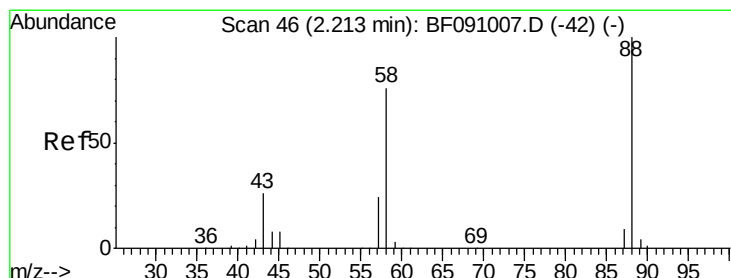
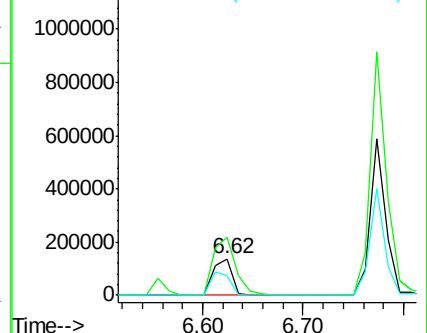
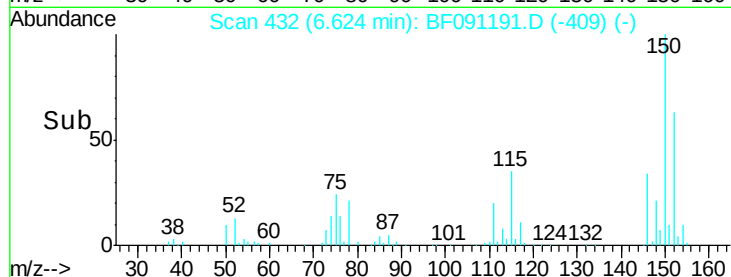
115 55.7 53.3 79.9



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: 31.63 ng

RT: 2.18 min Scan# 43

Delta R.T. 0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

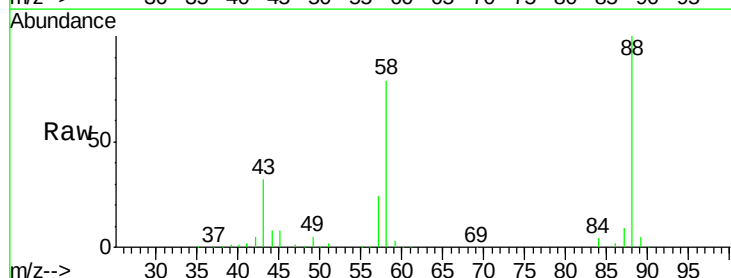
Tgt Ion: 88 Resp: 198190

Ion Ratio Lower Upper

88 100

58 80.2 63.8 95.6

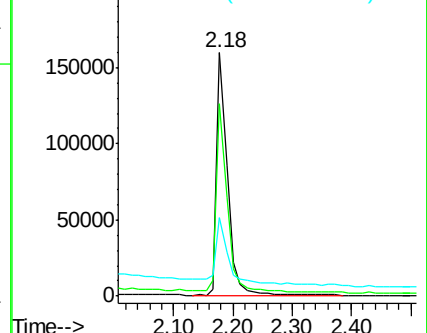
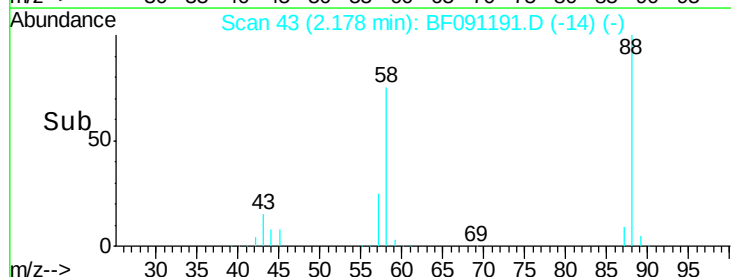
43 35.3 22.6 33.8#

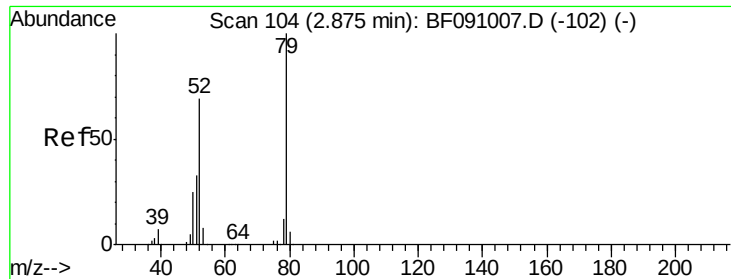


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

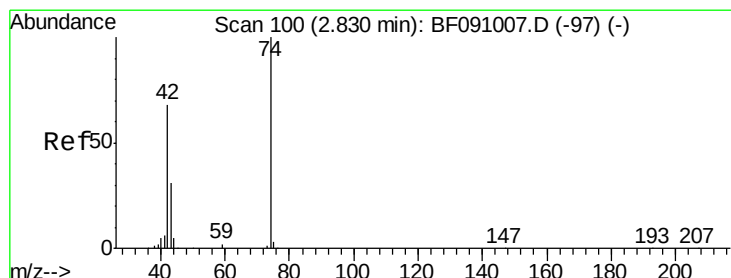
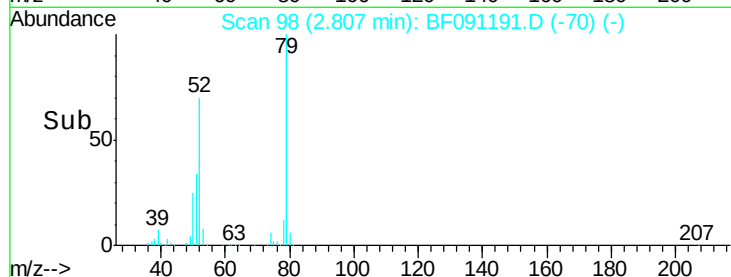
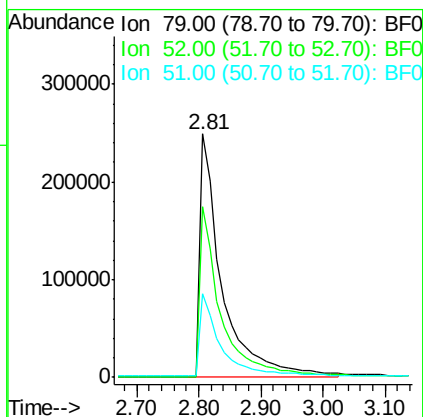
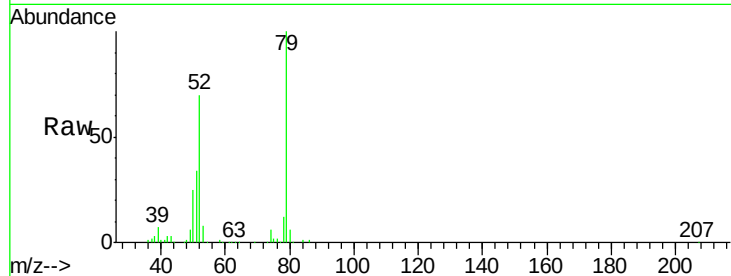




#3
 Pyridine
 Concen: 42.33 ng
 RT: 2.81 min Scan# 98
 Delta R.T. 0.02 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

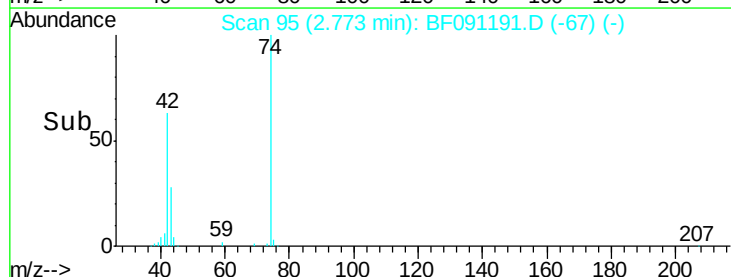
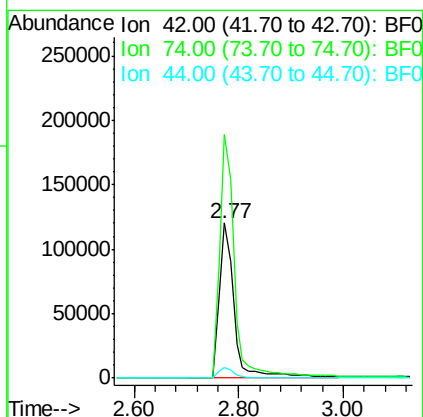
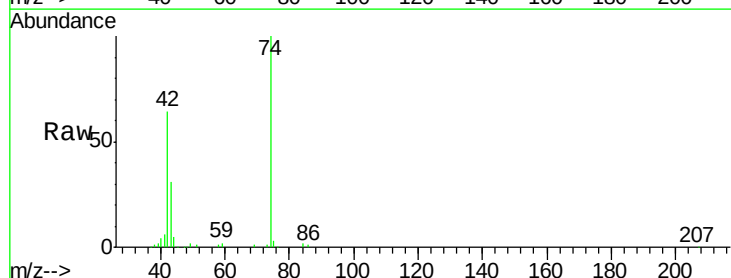
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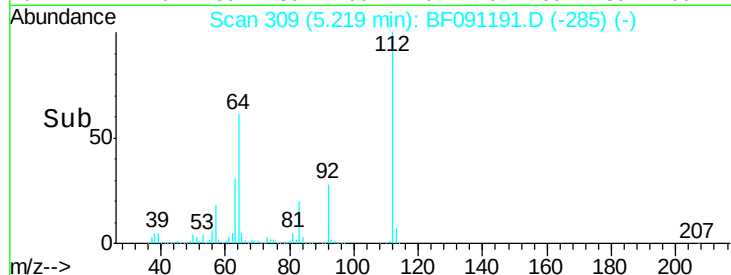
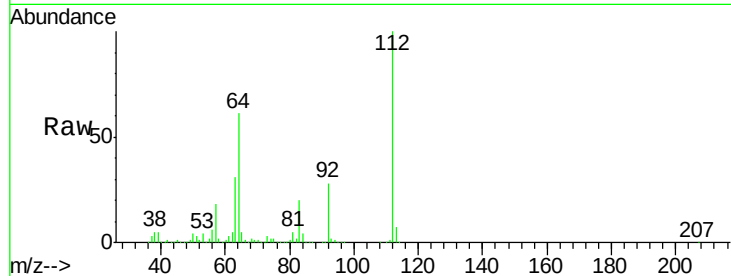
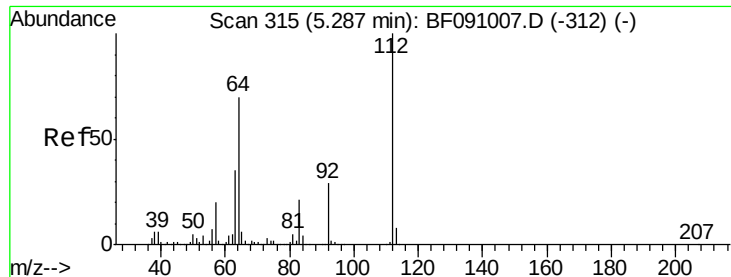
Tgt Ion: 79 Resp: 620511
 Ion Ratio Lower Upper
 79 100
 52 70.1 55.4 83.0
 51 34.1 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 40.82 ng
 RT: 2.77 min Scan# 95
 Delta R.T. 0.02 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion: 42 Resp: 236676
 Ion Ratio Lower Upper
 42 100
 74 157.0 117.3 175.9
 44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 129.58 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

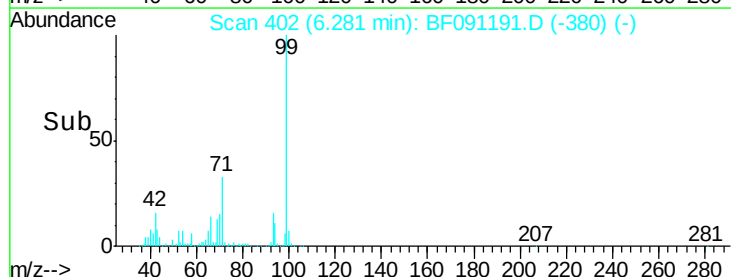
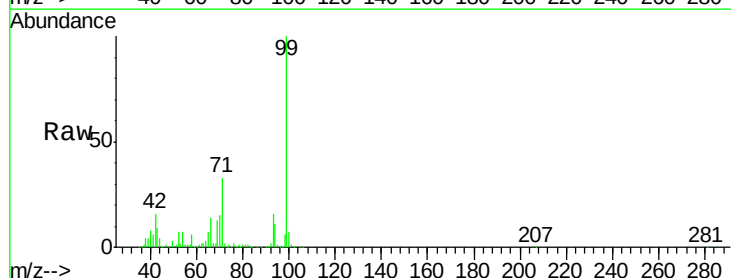
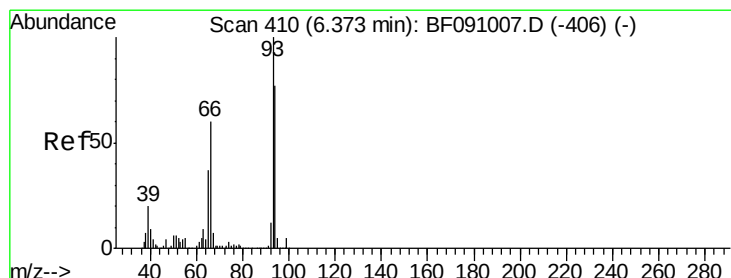
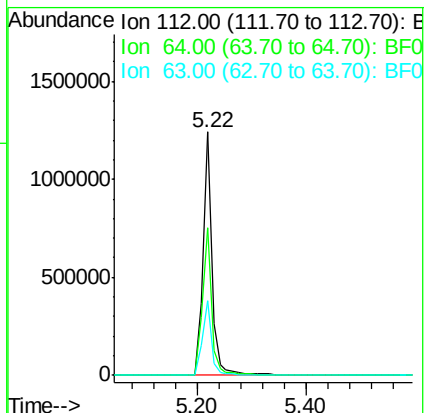
Tgt Ion: 112 Resp: 1419466

Ion Ratio Lower Upper

112 100

64 60.6 55.8 83.6

63 30.9 28.0 42.0



#6

Aniline

Concen: 20.01 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

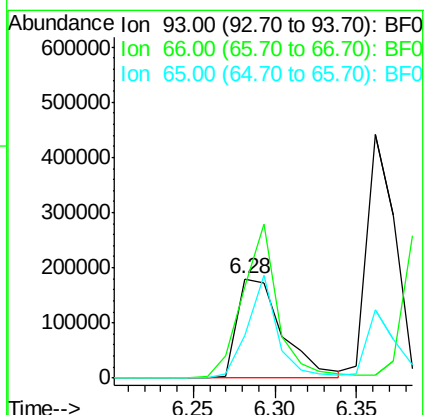
Tgt Ion: 93 Resp: 350864

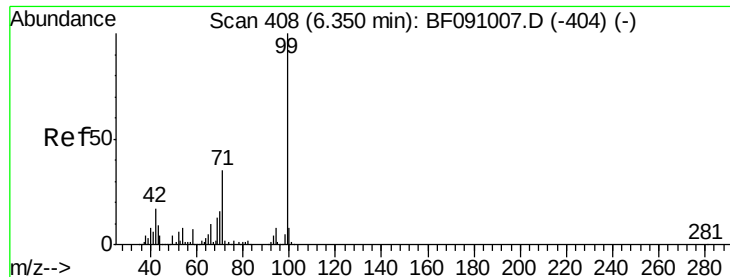
Ion Ratio Lower Upper

93 100

66 92.2 48.2 72.2#

65 42.2 29.4 44.0





#7

Phenol-d6

Concen: 121.65 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

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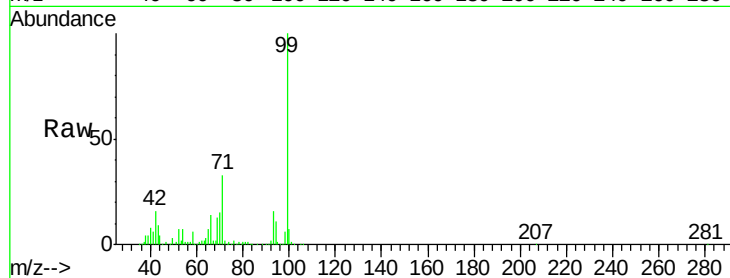
Tgt Ion: 99 Resp: 1808853

Ion Ratio Lower Upper

99 100

42 16.5 13.9 20.9

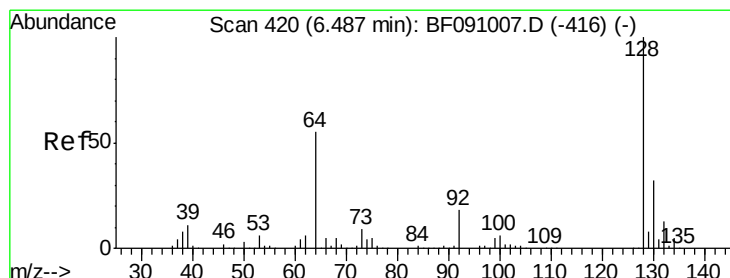
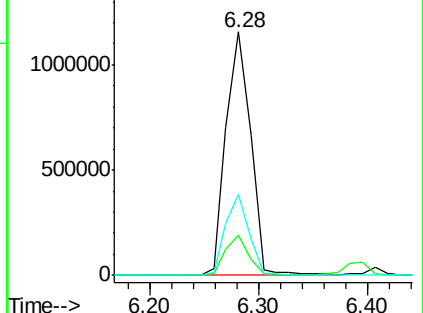
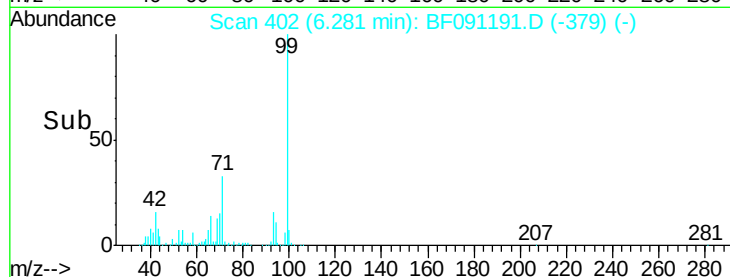
71 33.3 27.8 41.8



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: 43.62 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

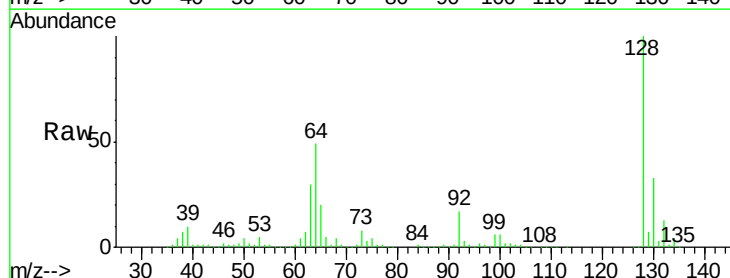
Tgt Ion: 128 Resp: 569954

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

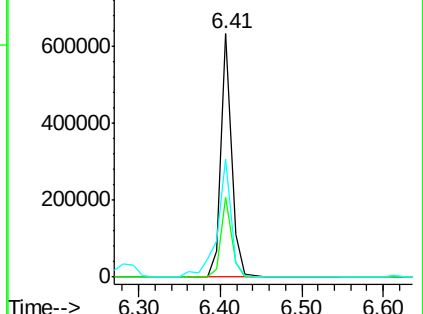
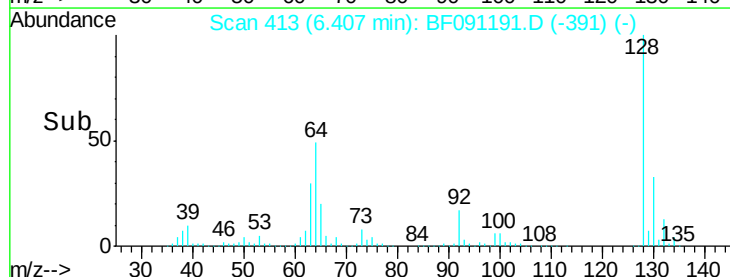
64 48.7 37.2 77.2

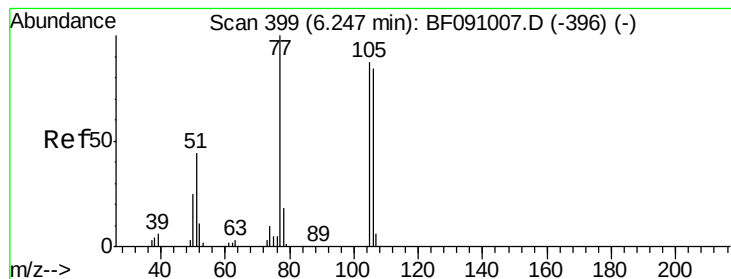


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.52 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

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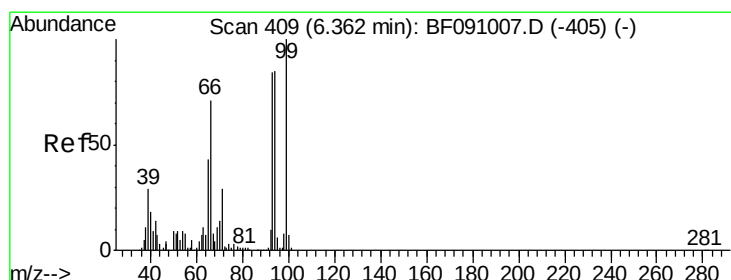
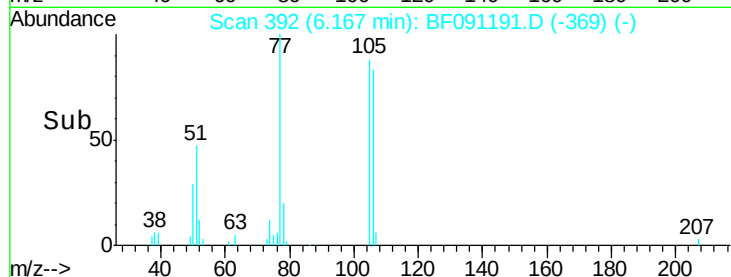
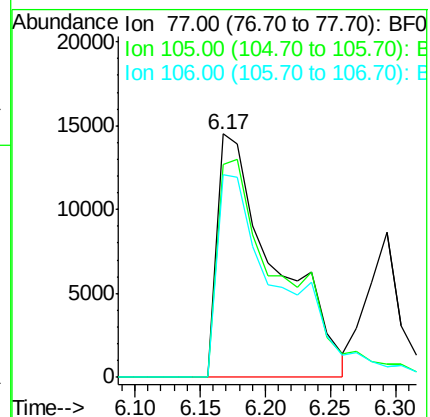
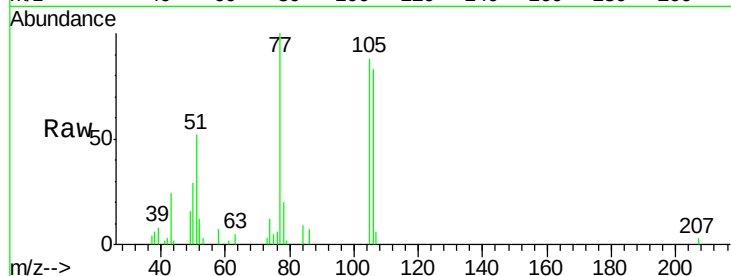
Tgt Ion: 77 Resp: 45515

Ion Ratio Lower Upper

77 100

105 87.6 66.8 106.8

106 83.3 64.0 104.0



#10

Phenol

Concen: 35.10 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

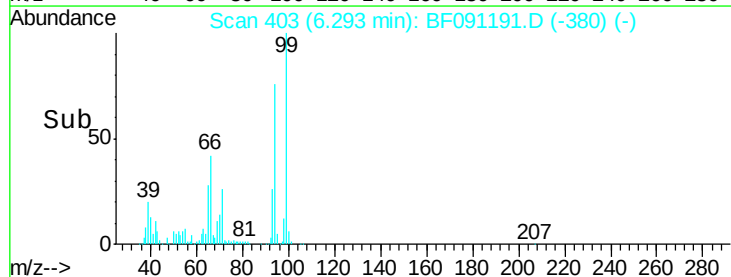
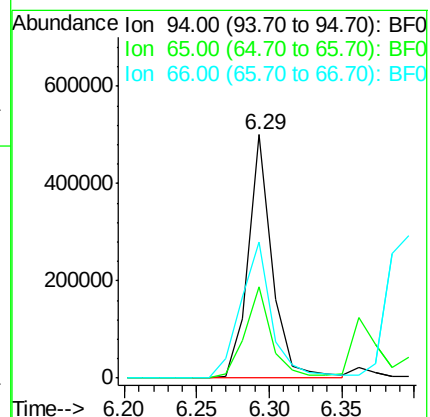
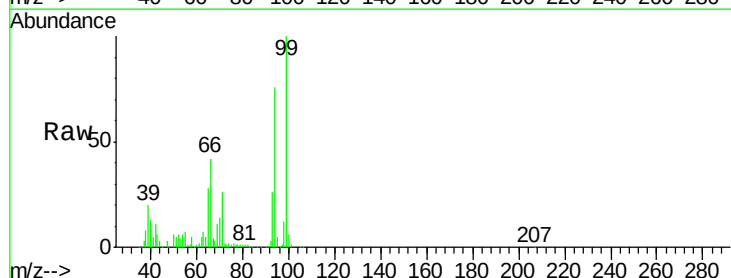
Tgt Ion: 94 Resp: 577645

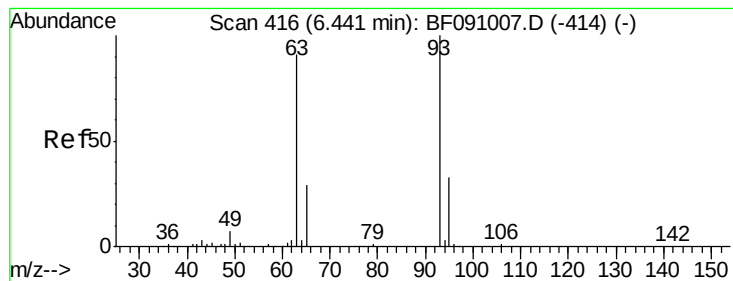
Ion Ratio Lower Upper

94 100

65 37.3 30.4 70.4

66 55.8 62.9 102.9#





#11

bis(2-Chloroethyl)ether

Concen: 40.50 ng

RT: 6.36 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampled :

PB94688BS

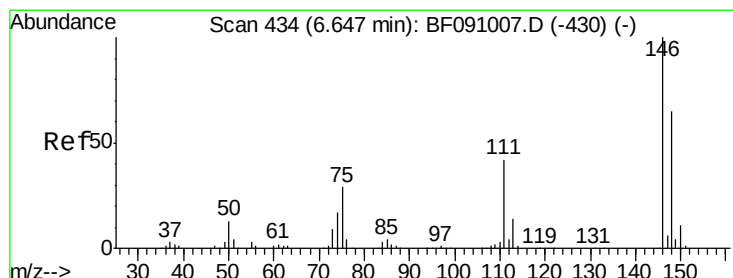
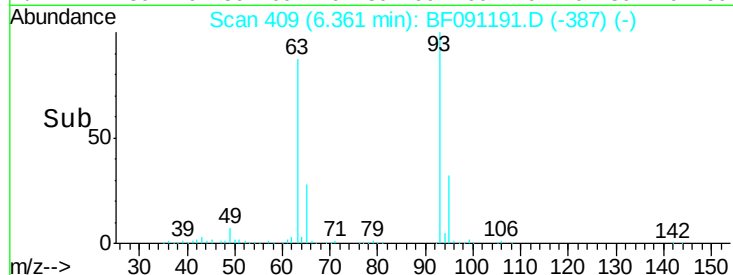
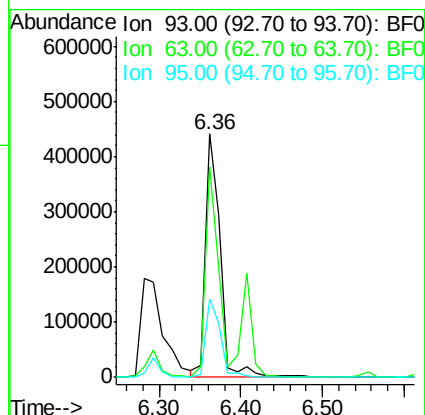
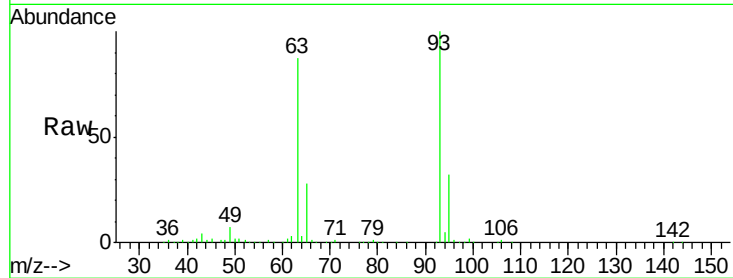
Tgt Ion: 93 Resp: 561548

Ion Ratio Lower Upper

93 100

63 86.6 68.9 108.9

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 42.82 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

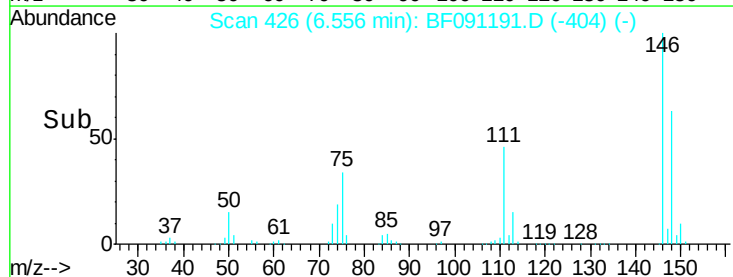
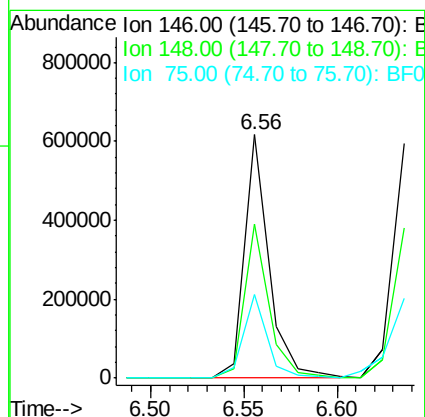
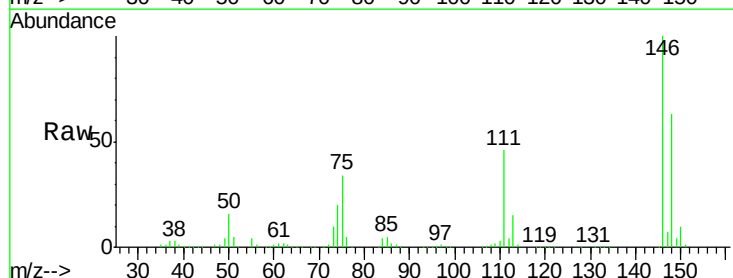
Tgt Ion: 146 Resp: 565849

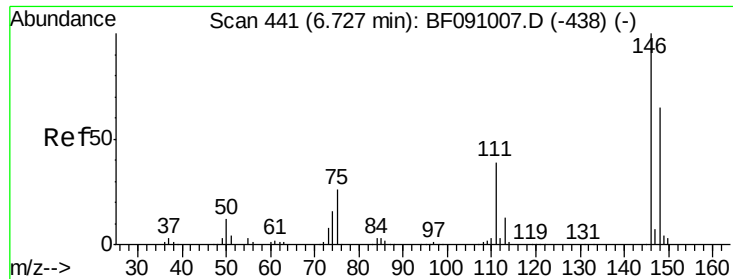
Ion Ratio Lower Upper

146 100

148 63.4 52.0 78.0

75 34.2 23.0 34.6

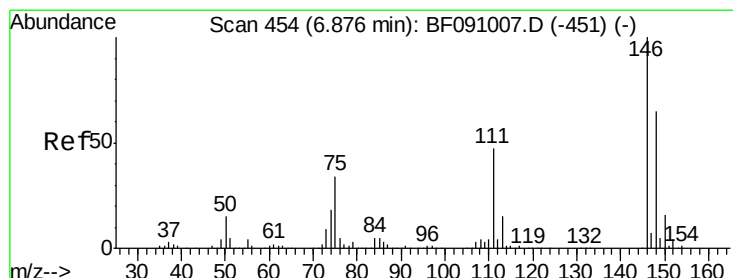
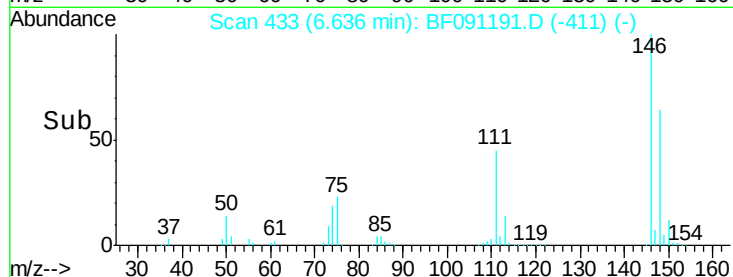
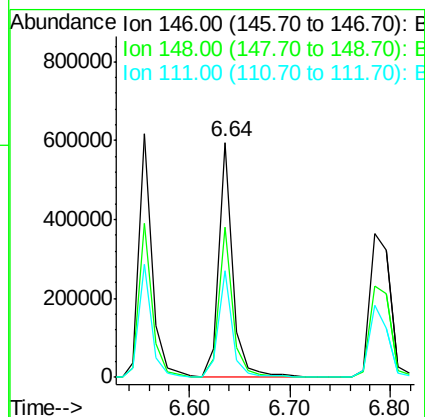
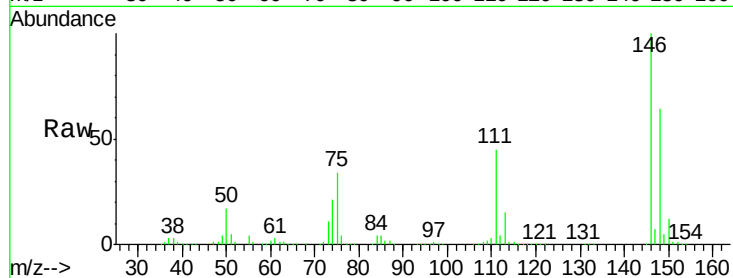




#13
 1,4-Dichlorobenzene
 Concen: 40.91 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

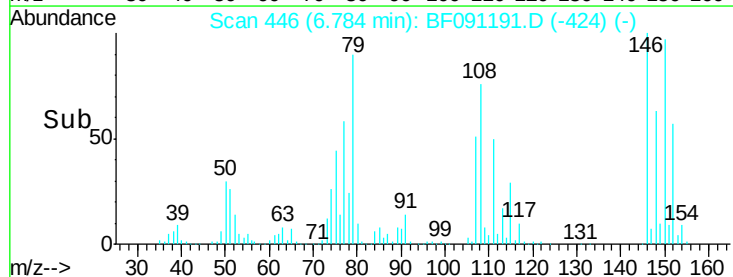
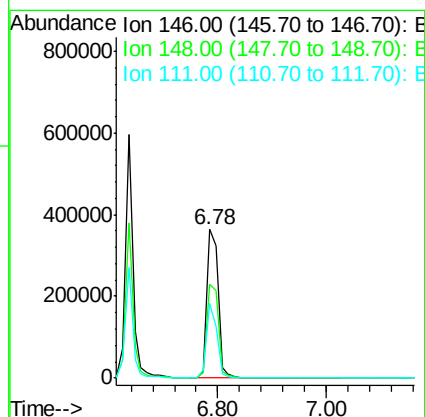
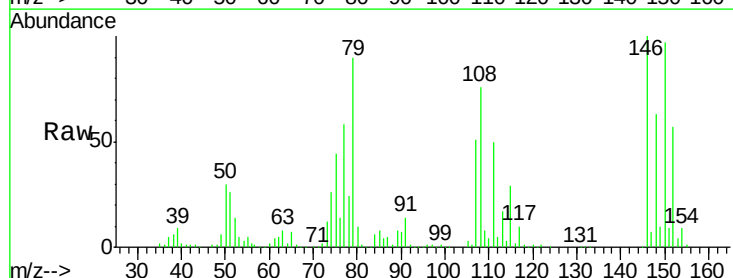
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

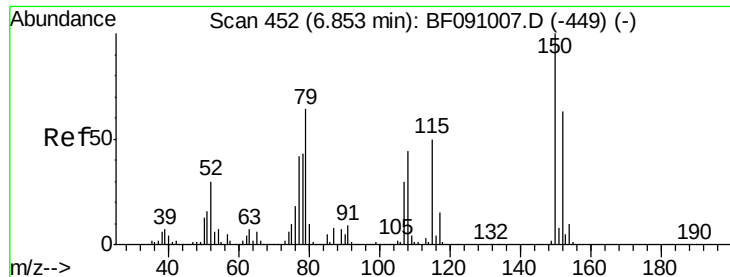
Tgt Ion:146 Resp: 580041
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.1 78.1
 111 45.2 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 40.06 ng
 RT: 6.78 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:146 Resp: 521310
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 50.0 37.3 55.9





#15

Benzyl Alcohol

Concen: 44.44 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

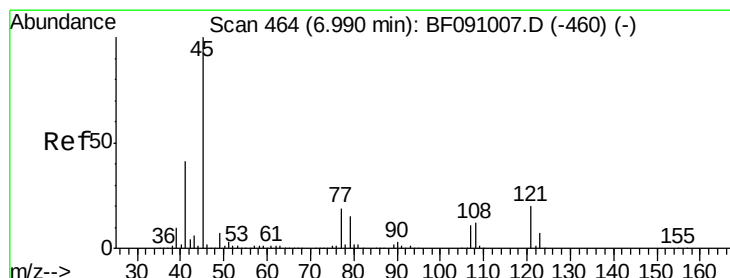
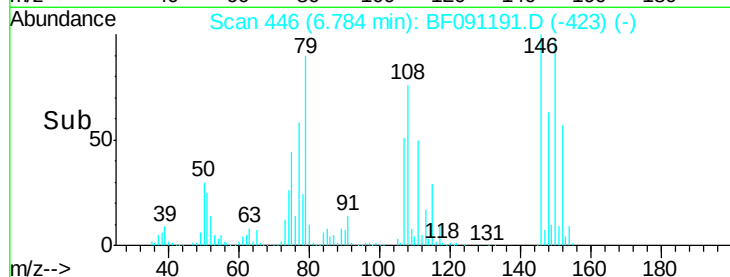
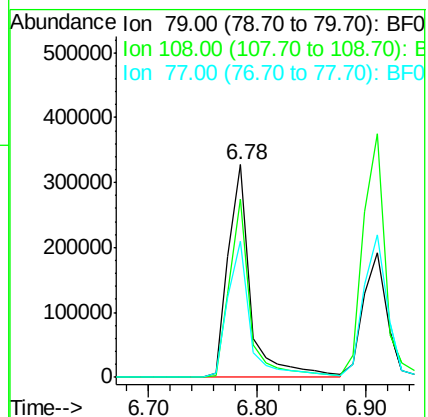
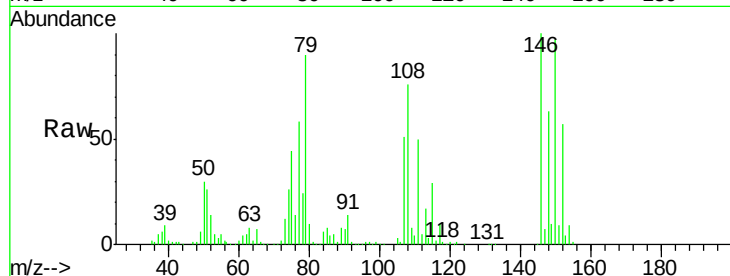
Tgt Ion: 79 Resp: 466132

Ion Ratio Lower Upper

79 100

108 84.0 55.7 83.5#

77 64.3 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.18 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

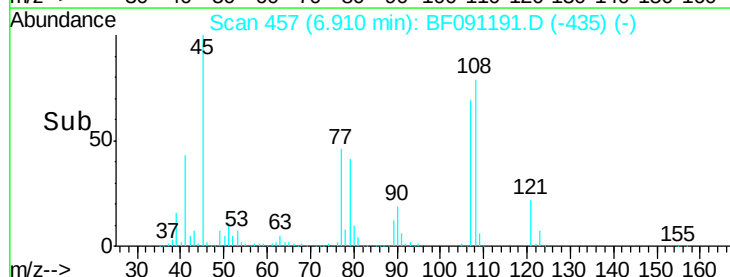
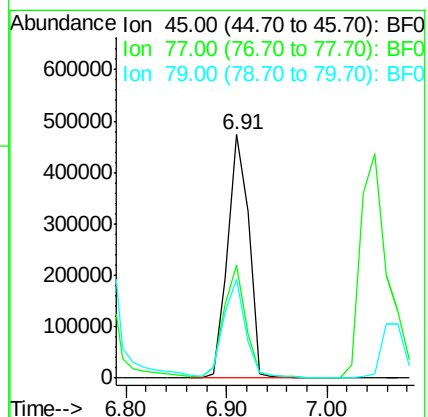
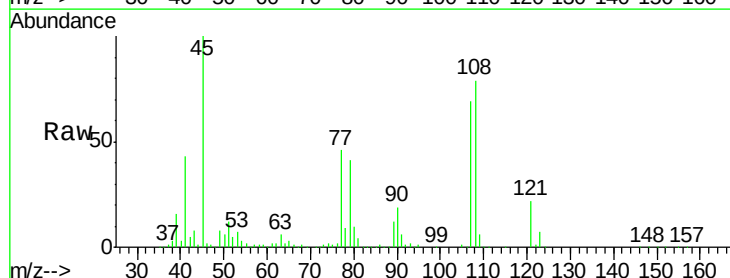
Tgt Ion: 45 Resp: 698446

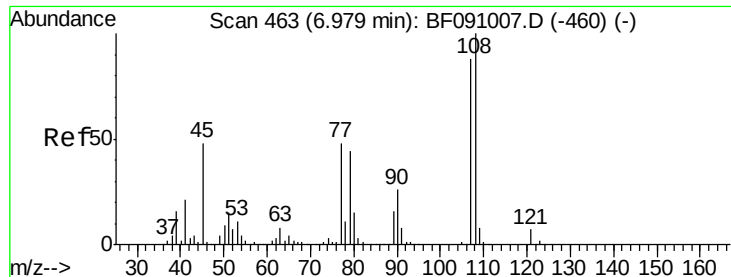
Ion Ratio Lower Upper

45 100

77 46.2 0.0 39.6#

79 40.6 0.0 35.9#

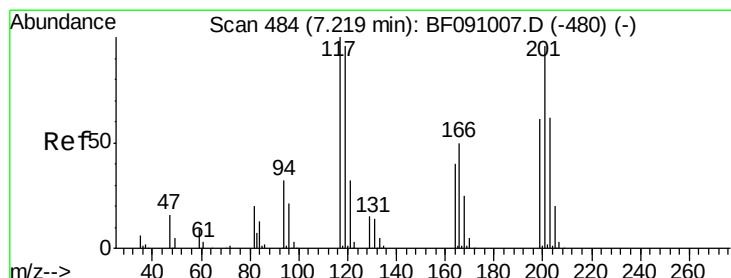
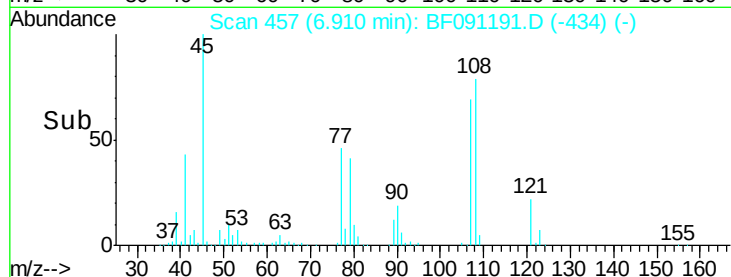
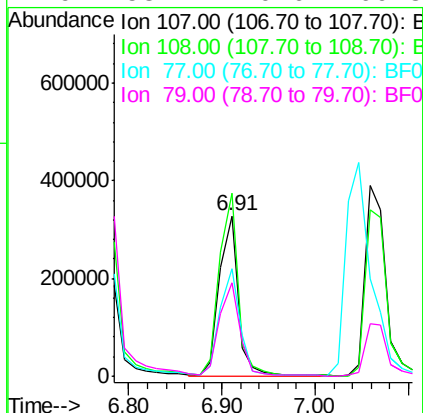
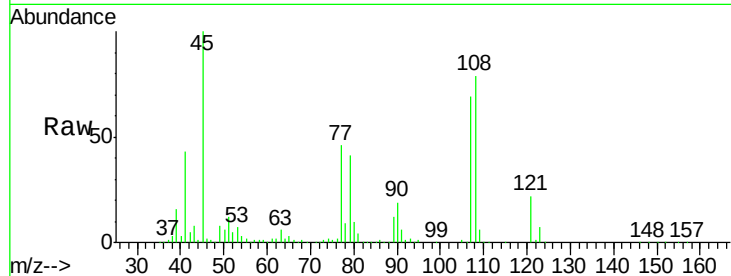




#17
2-Methylphenol
Concen: 44.18 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

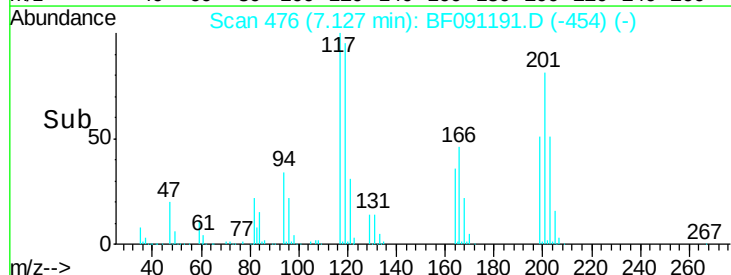
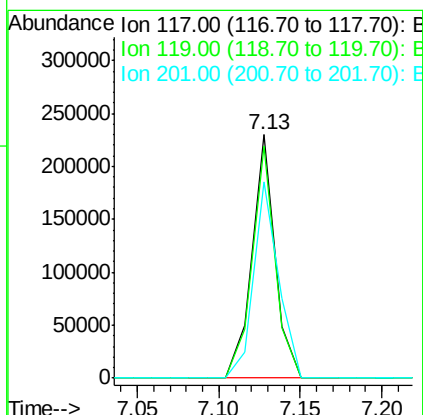
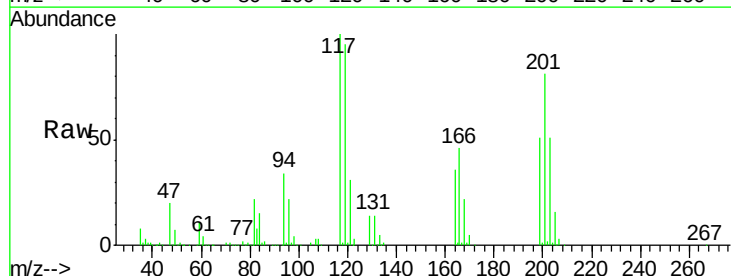
Instrument :
BNA_F
ClientSampleId :
PB94688BS

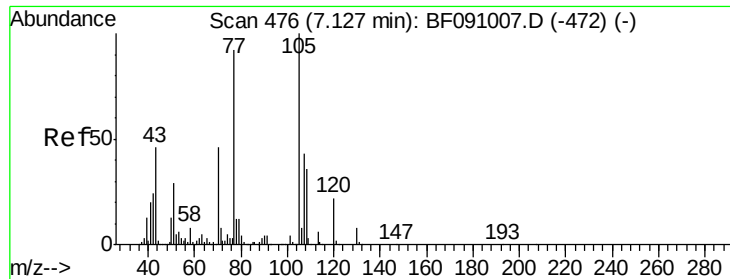
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.6
77	66.8	43.8	65.8#
79	58.7	40.6	60.8



#18
Hexachloroethane
Concen: 41.22 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	115.0
201	80.6	77.1	115.7

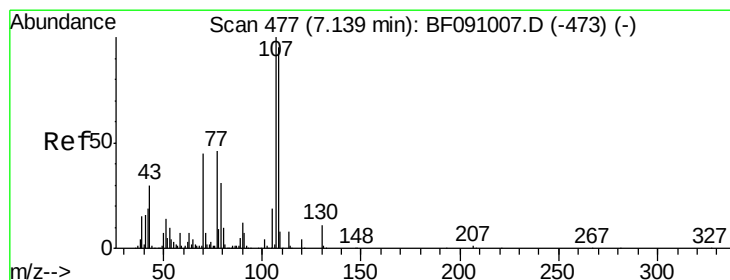
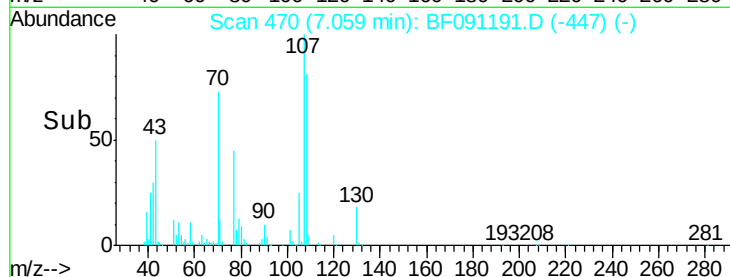
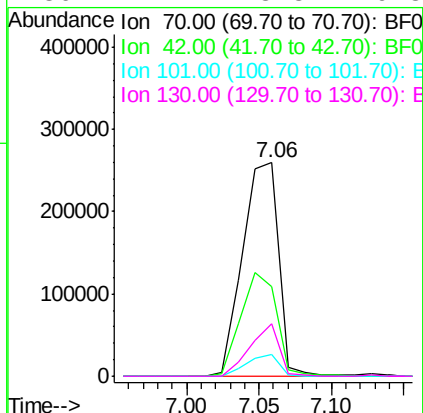
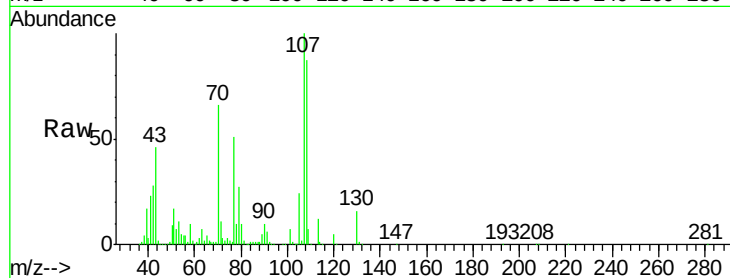




#19
n-Nitroso-di-n-propylamine
Concen: 43.49 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

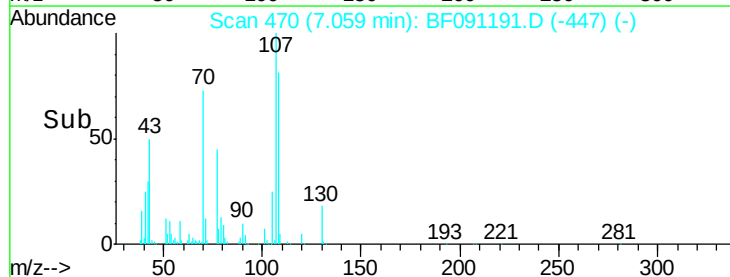
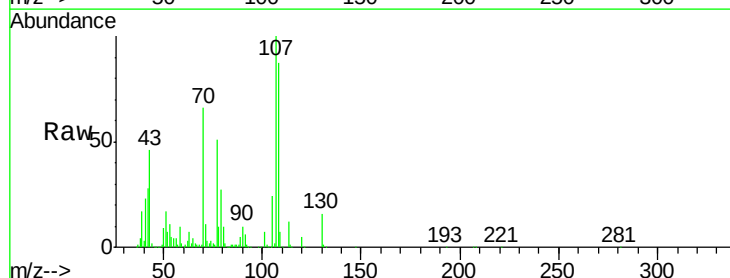
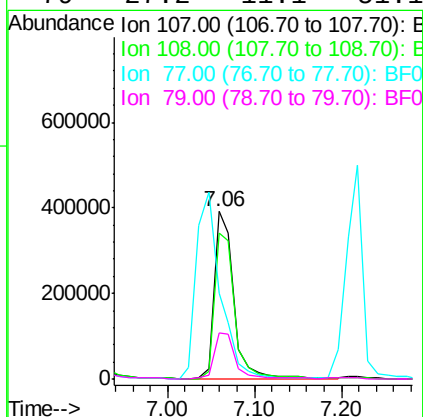
Instrument :
BNA_F
ClientSampleId :
PB94688BS

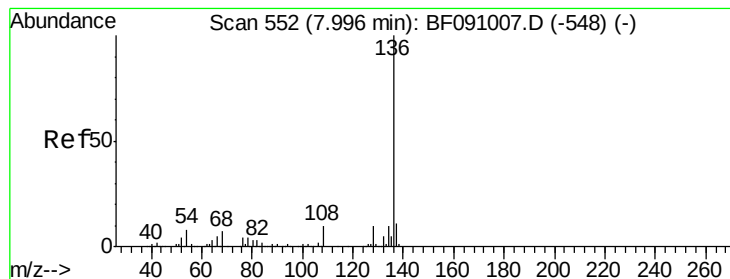
Tgt Ion: 70 Resp: 448119
Ion Ratio Lower Upper
70 100
42 42.2 41.7 62.5
101 10.0 6.7 10.1
130 24.7 13.8 20.8#



#20
3+4-Methylphenols
Concen: 48.94 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion: 107 Resp: 607881
Ion Ratio Lower Upper
107 100
108 86.8 75.5 115.5
77 50.9 26.4 66.4
79 27.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

Tgt Ion:136 Resp: 729811

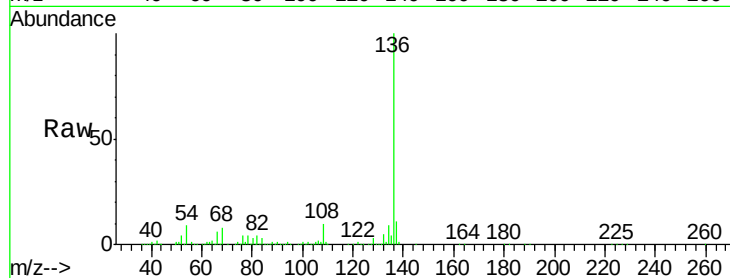
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 6.2 9.2

68 7.9 5.5 8.3

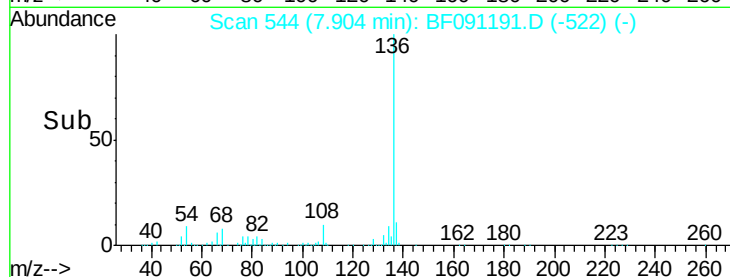


Abundance Ion 136.00 (135.70 to 136.70): E

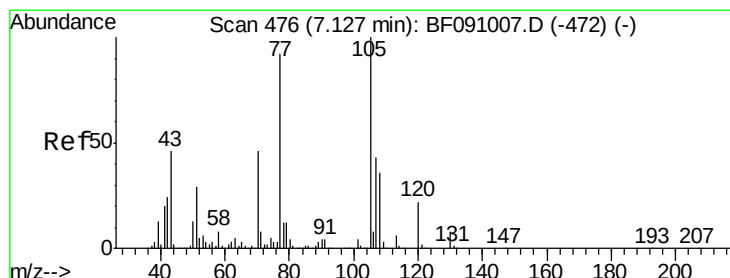
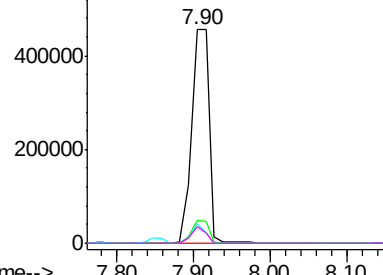
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 47.71 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Tgt Ion:105 Resp: 801666

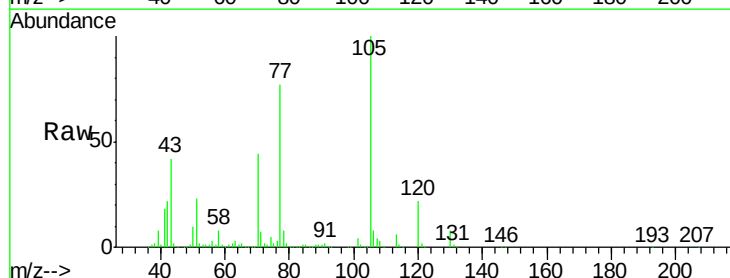
Ion Ratio Lower Upper

105 100

71 7.3 6.2 9.2

51 23.0 23.3 34.9#

120 21.6 17.4 26.0

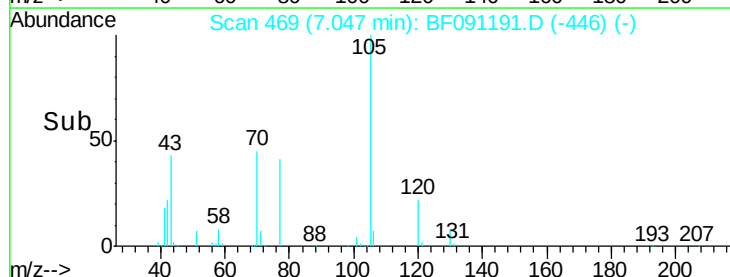


Abundance Ion 105.00 (104.70 to 105.70): E

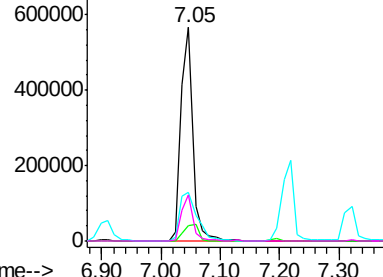
Ion 71.00 (70.70 to 71.70): BF0

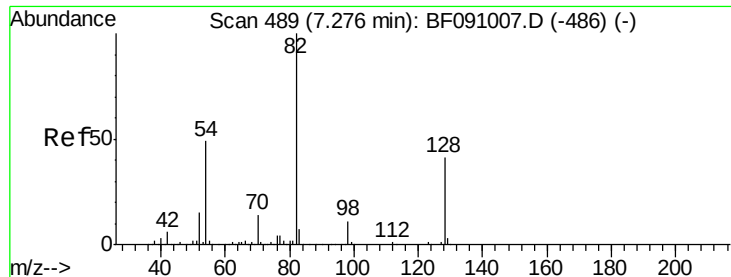
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

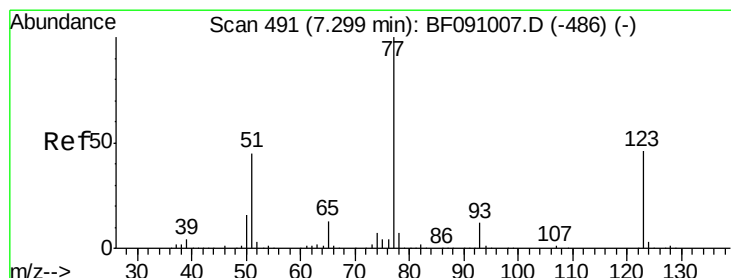
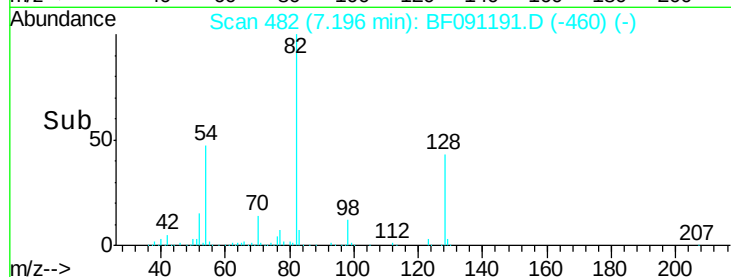
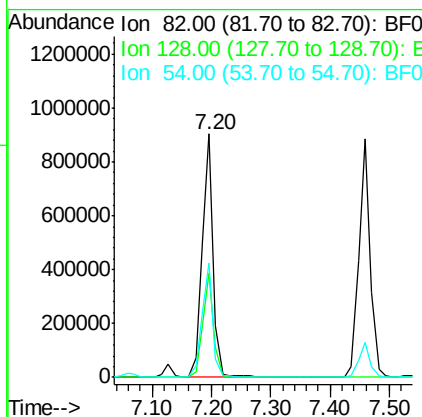
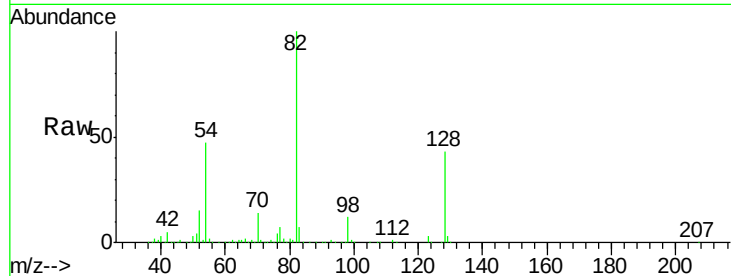




#23
 Nitrobenzene-d5
 Concen: 89.02 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

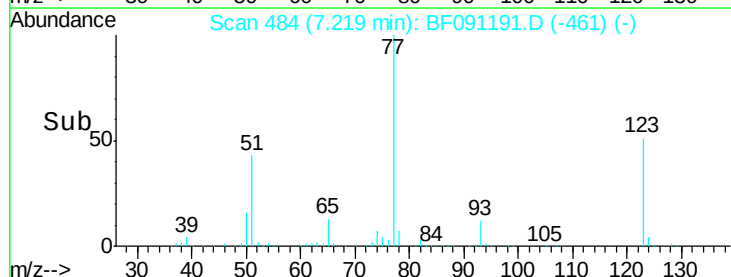
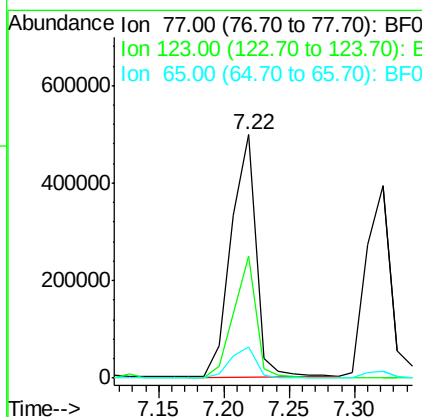
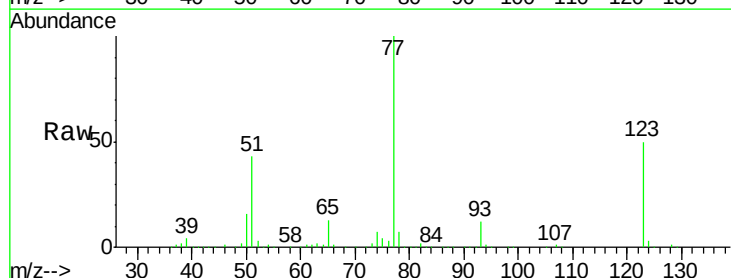
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

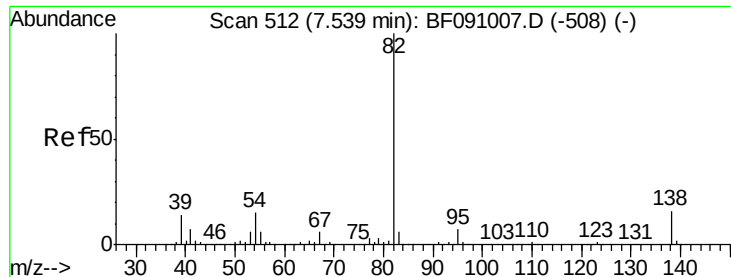
Tgt Ion: 82 Resp: 1190979
 Ion Ratio Lower Upper
 82 100
 128 43.0 32.4 48.6
 54 46.7 39.2 58.8



#24
 Nitrobenzene
 Concen: 44.49 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion: 77 Resp: 657388
 Ion Ratio Lower Upper
 77 100
 123 50.3 36.5 54.7
 65 12.9 10.7 16.1

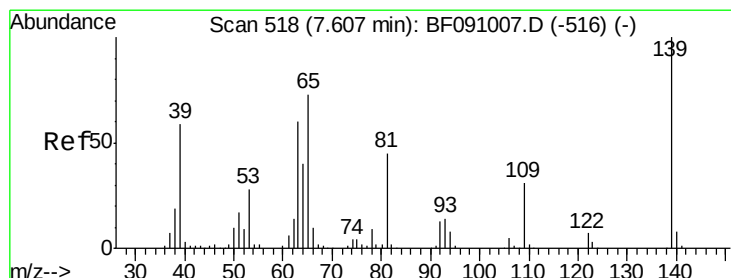
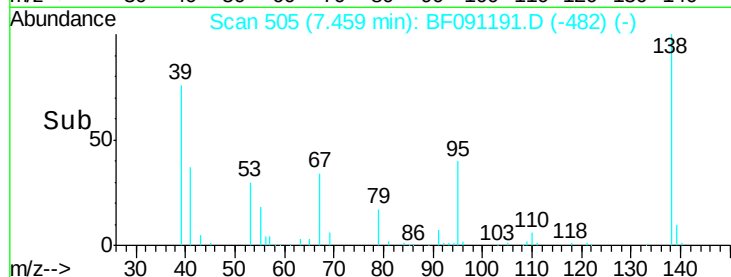
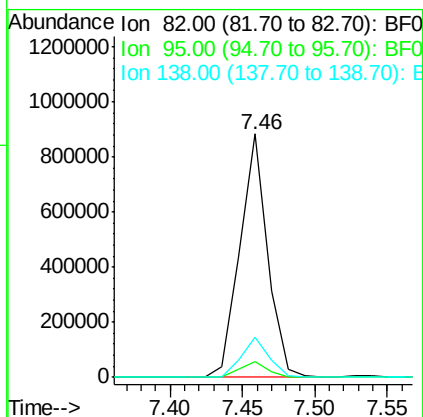
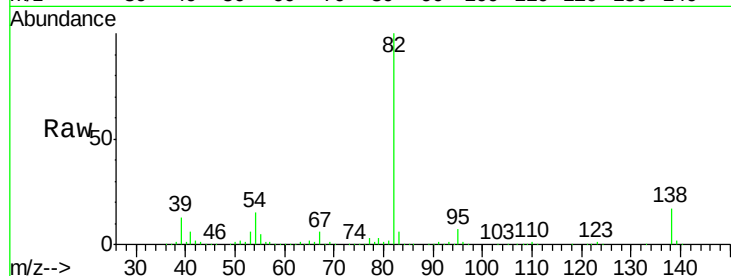




#25
Isophorone
Concen: 45.40 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

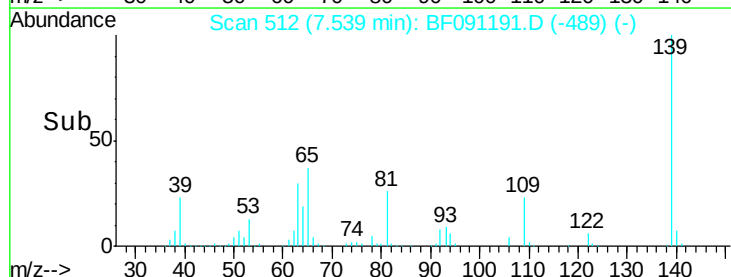
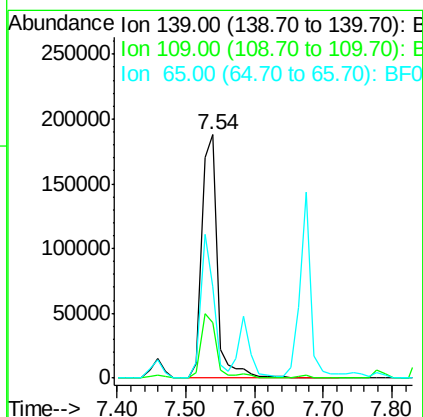
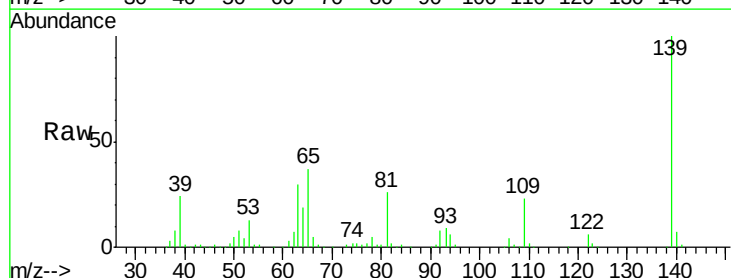
Instrument :
BNA_F
ClientSampleId :
PB94688BS

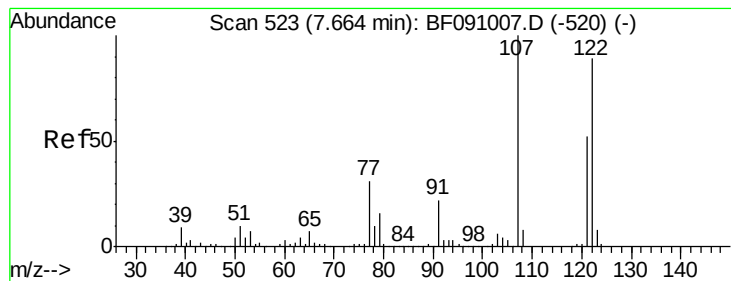
Tgt Ion: 82 Resp: 1170405
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.7 13.0 19.4



#26
2-Nitrophenol
Concen: 47.08 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion: 139 Resp: 294406
Ion Ratio Lower Upper
139 100
109 23.0 24.7 37.1#
65 37.5 58.3 87.5#

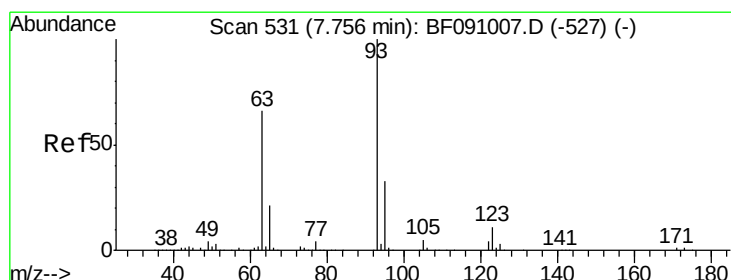
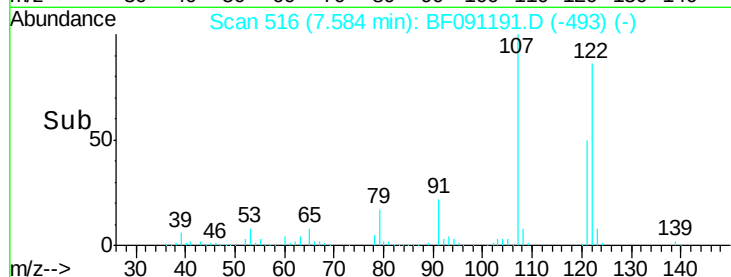
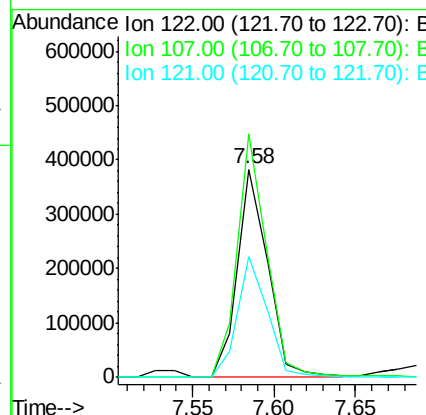
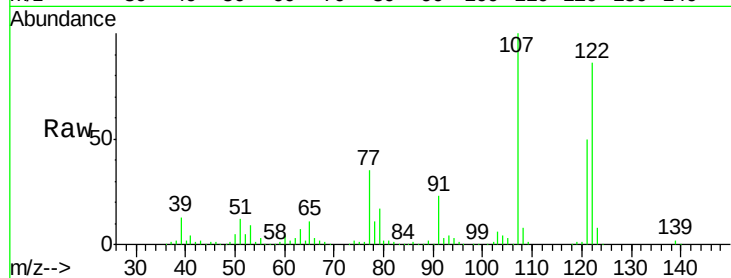




#27
 2,4-Dimethylphenol
 Concen: 47.06 ng
 RT: 7.58 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

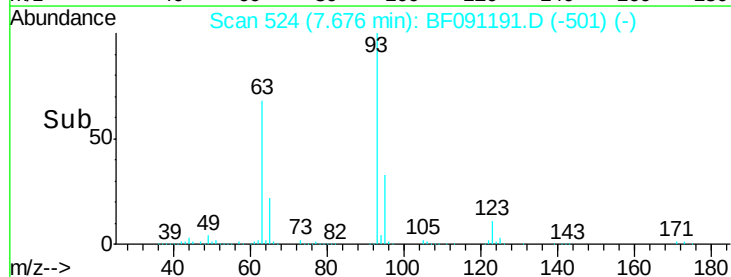
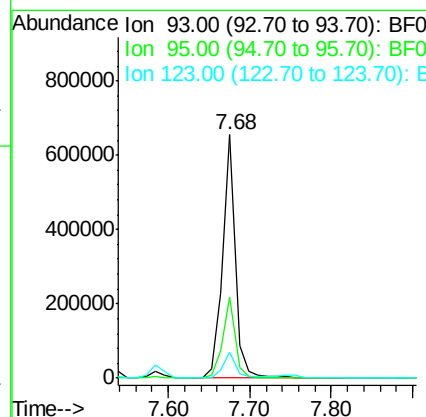
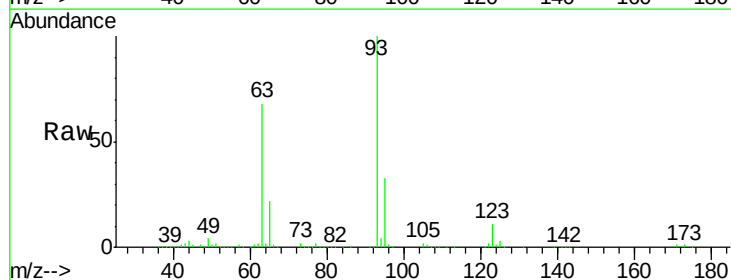
Instrument :
 BNA_F
 ClientSampled :
 PB94688BS

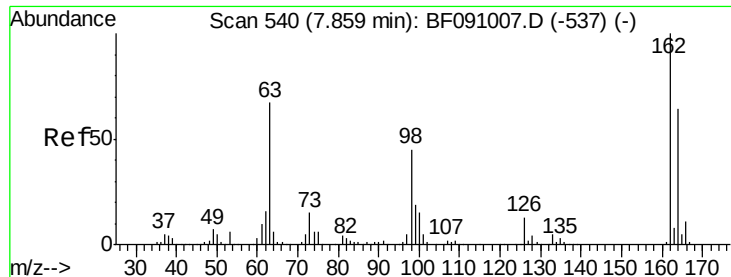
Tgt Ion:122 Resp: 486656
 Ion Ratio Lower Upper
 122 100
 107 116.9 89.6 134.4
 121 58.0 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.70 ng
 RT: 7.68 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion: 93 Resp: 714080
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 10.8 8.7 13.1

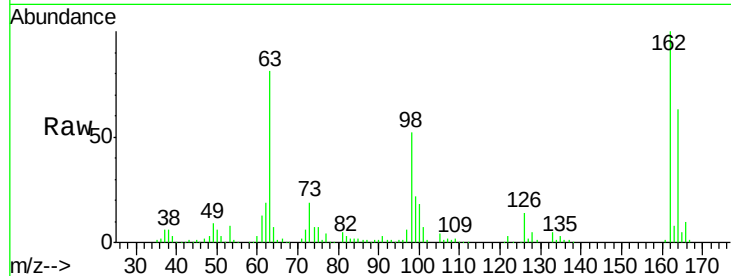




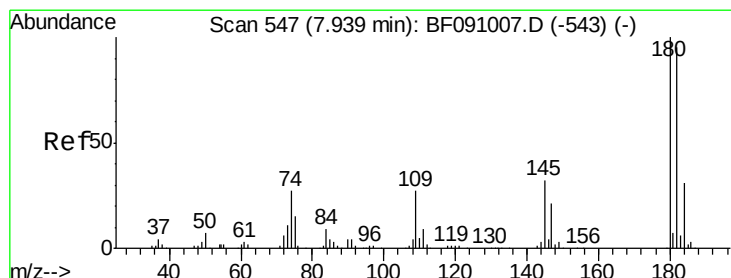
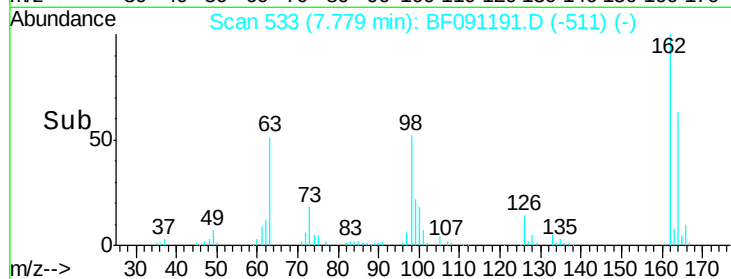
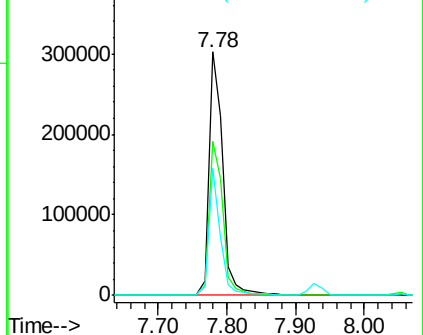
#29
 2,4-Dichlorophenol
 Concen: 46.84 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	52.2	25.2	65.2

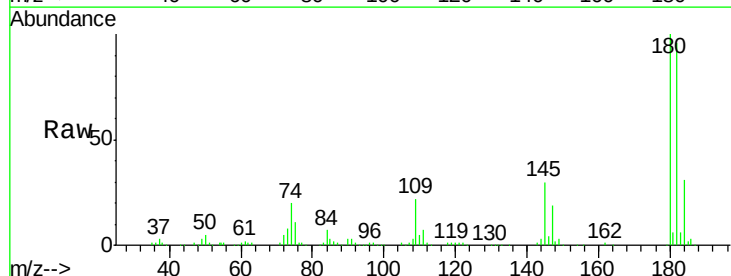


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

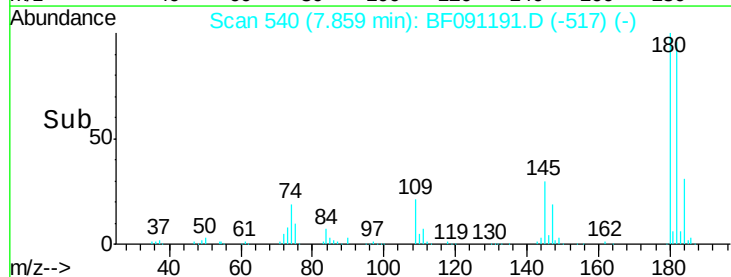
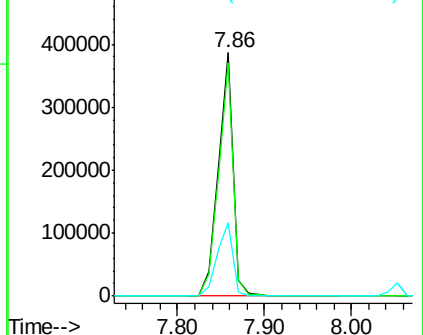


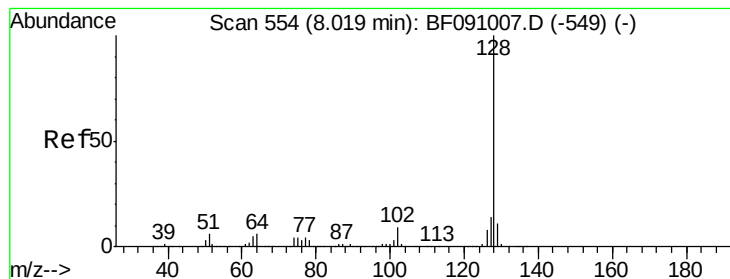
#30
 1,2,4-Trichlorobenzene
 Concen: 45.91 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	30.2	25.8	38.8



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: 40.46 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

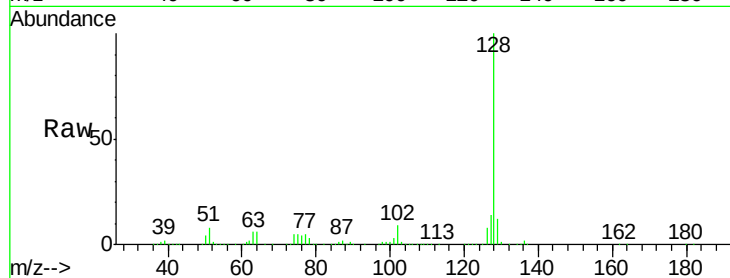
Tgt Ion:128 Resp: 1412218

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

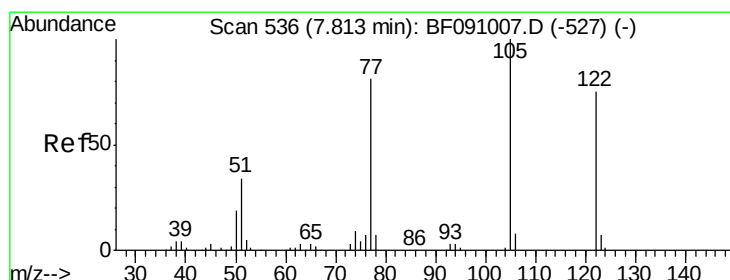
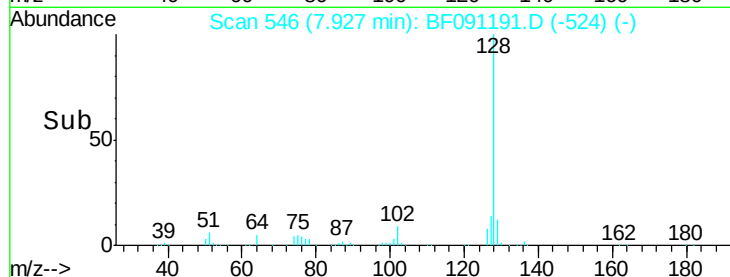
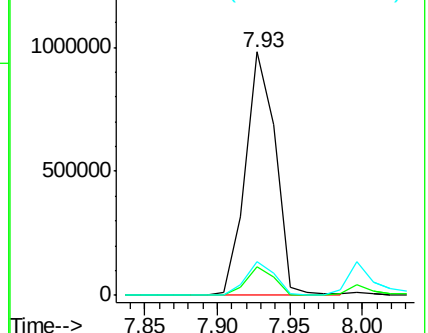
127 13.7 10.9 16.3



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: 37.18 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

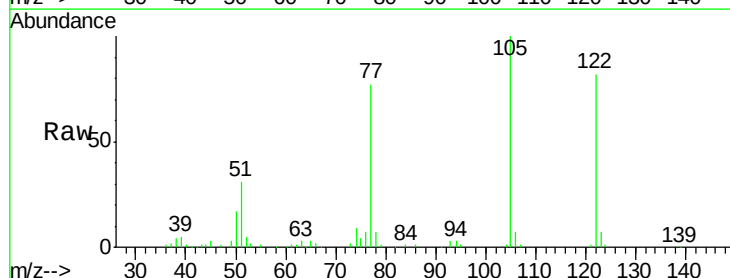
Tgt Ion:122 Resp: 289613

Ion Ratio Lower Upper

122 100

105 121.4 105.9 145.9

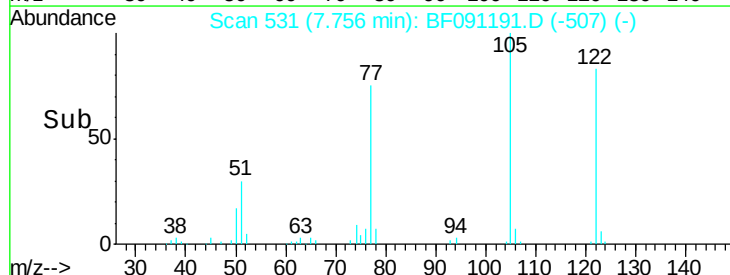
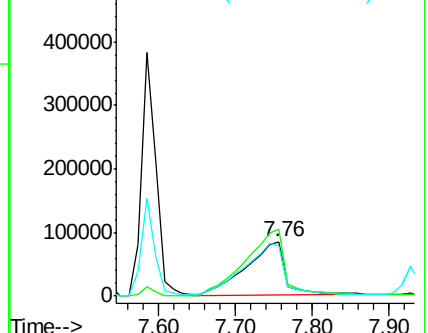
77 93.1 84.0 124.0

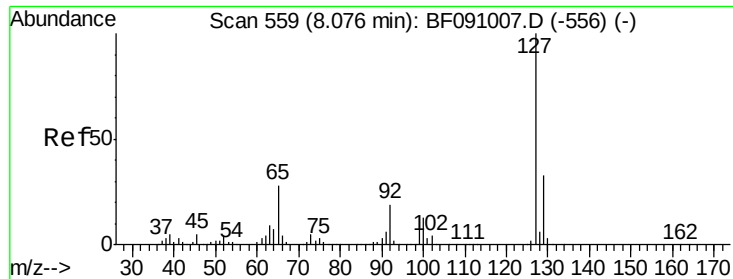


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

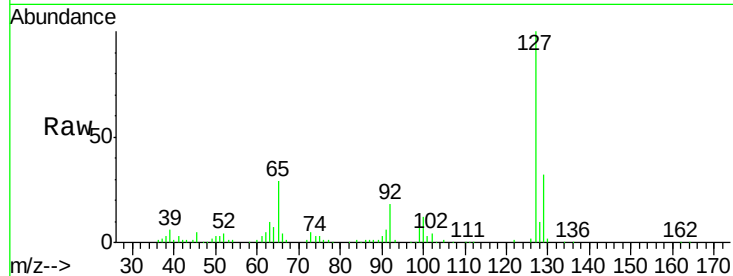




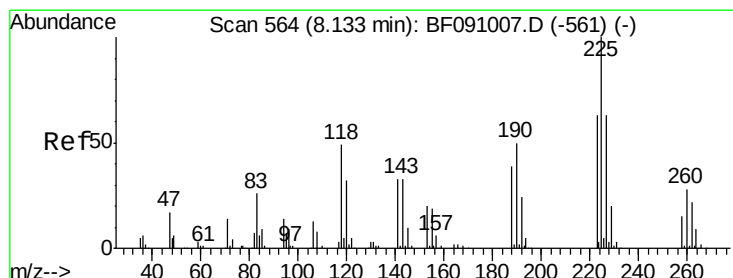
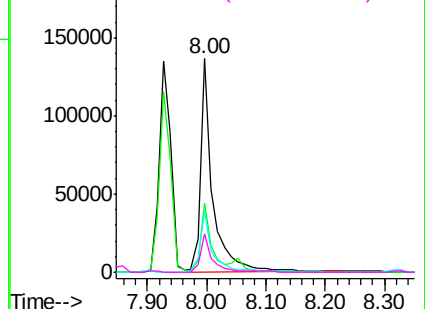
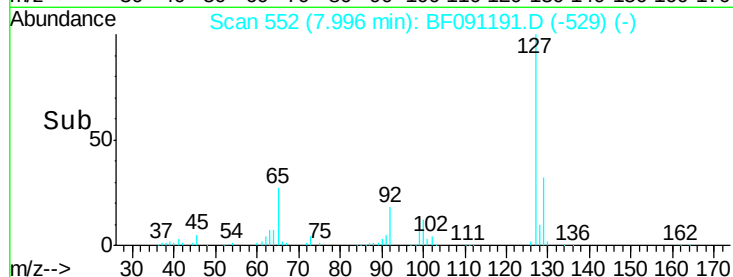
#33
 4-Chloroaniline
 Concen: 13.52 ng
 RT: 8.00 min Scan# 552
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:	127	Resp:	196305
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	28.9	22.2	33.2
92	18.1	15.0	22.4

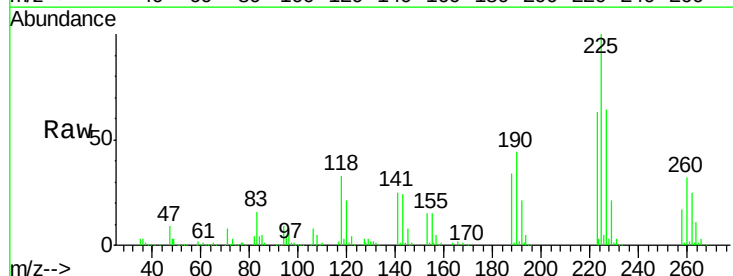


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

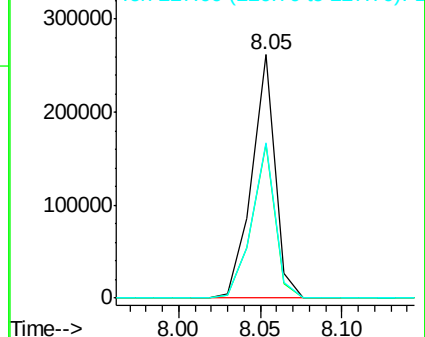
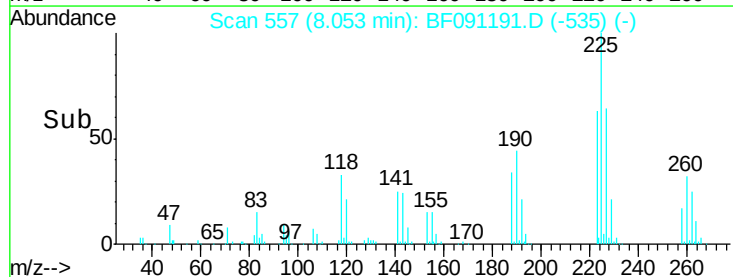


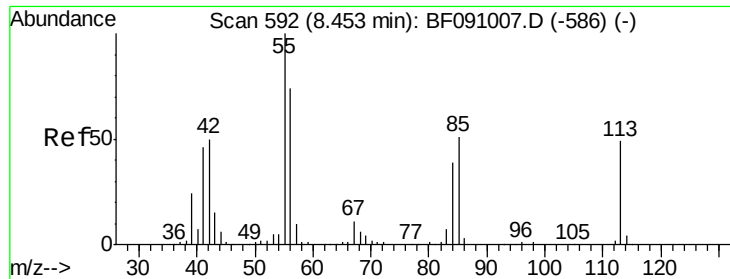
#34
 Hexachlorobutadiene
 Concen: 47.51 ng
 RT: 8.05 min Scan# 557
 Delta R.T. -0.05 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:	225	Resp:	260189
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	63.9	50.1	75.1



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

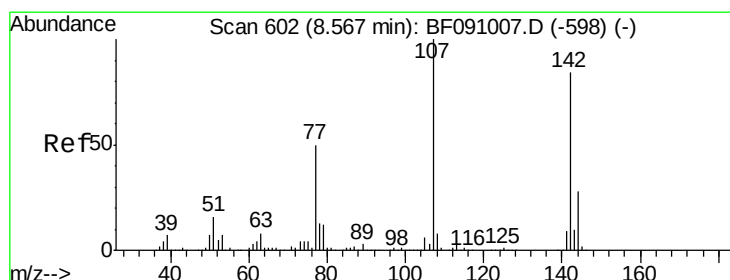
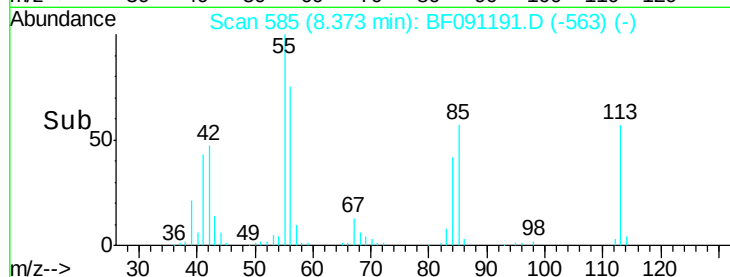
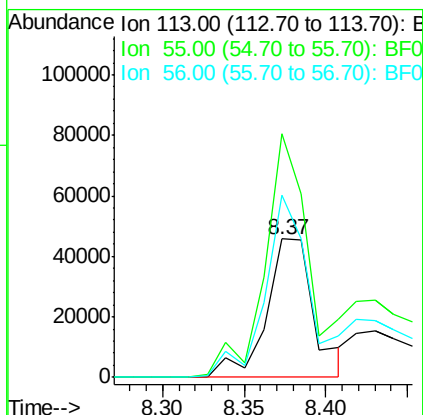
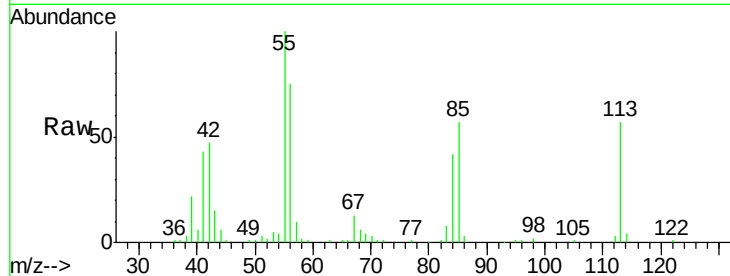




#35
 Caprolactam
 Concen: 32.82 ng
 RT: 8.37 min Scan# 585
 Delta R.T. -0.05 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

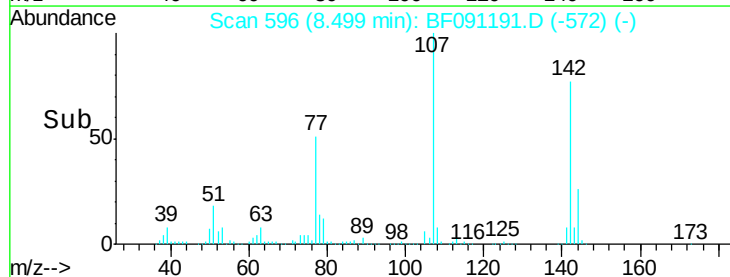
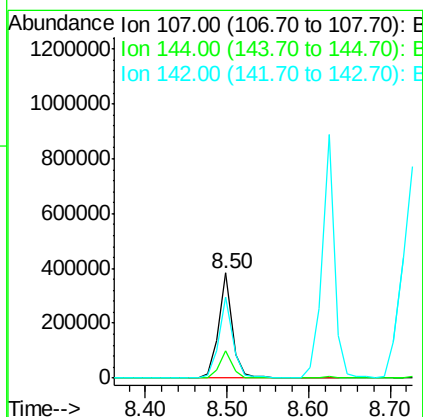
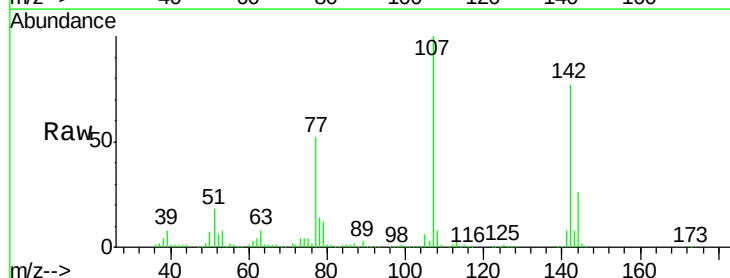
Instrument :
 BNA_F
 ClientSampleID :
 PB94688BS

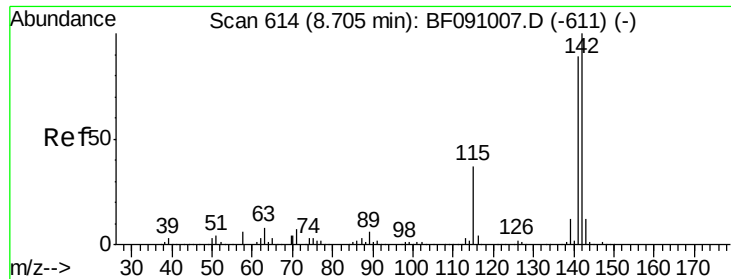
Tgt Ion:113 Resp: 93043
 Ion Ratio Lower Upper
 113 100
 55 176.3 184.1 224.1#
 56 131.5 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 41.56 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:107 Resp: 454050
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.5 33.7
 142 77.3 67.4 101.2

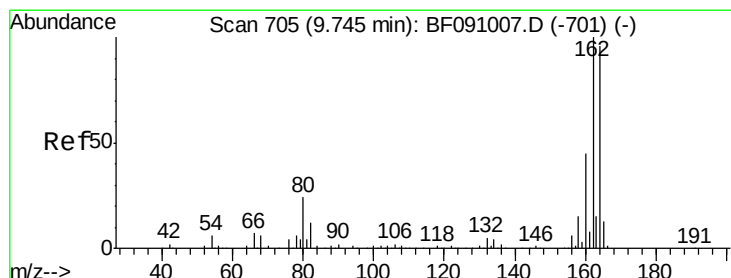
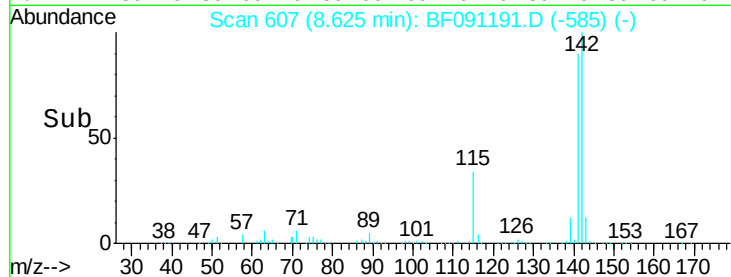
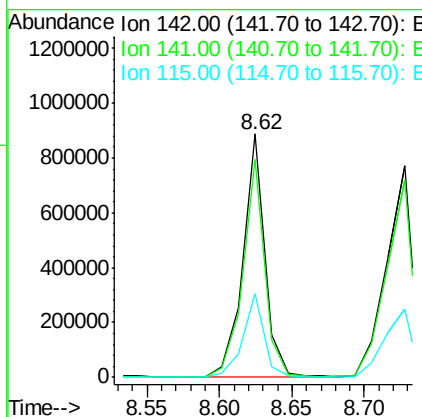
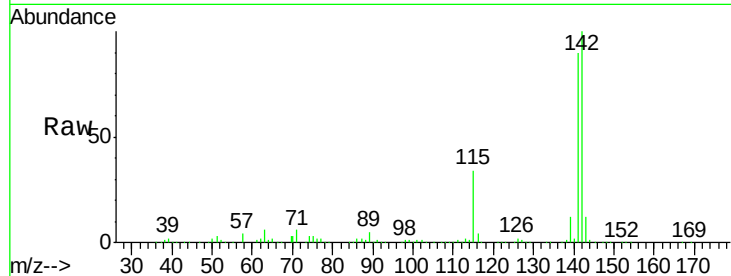




#37
2-Methylnaphthalene
Concen: 41.57 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

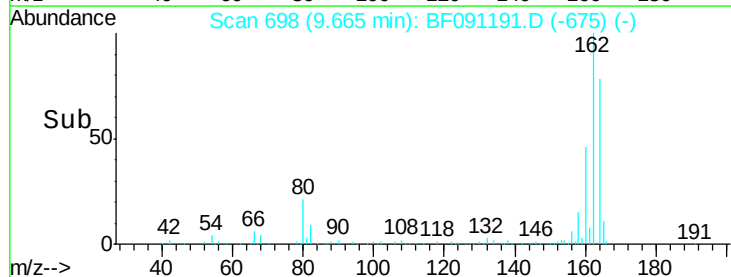
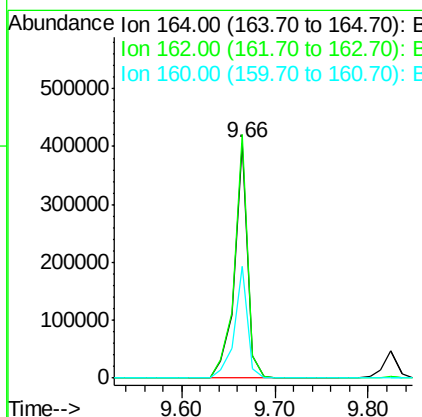
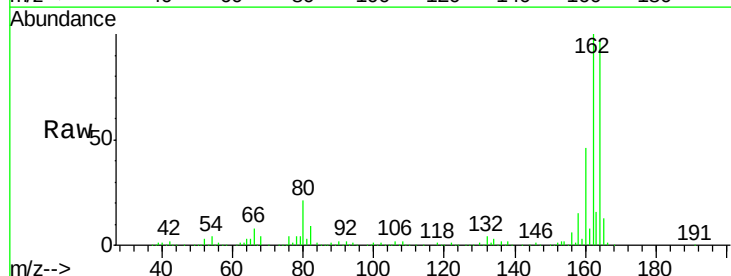
Instrument :
BNA_F
ClientSampleId :
PB94688BS

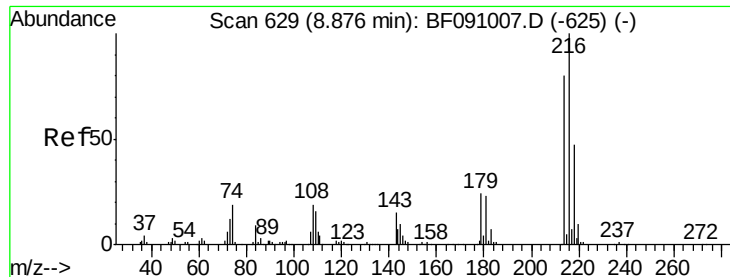
Tgt Ion:142 Resp: 932627
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 34.2 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion:164 Resp: 404976
Ion Ratio Lower Upper
164 100
162 103.6 83.6 125.4
160 47.5 37.9 56.9

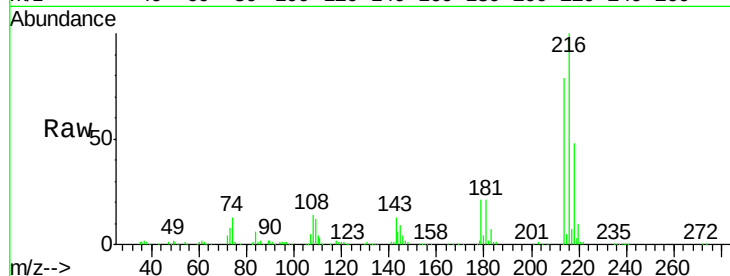




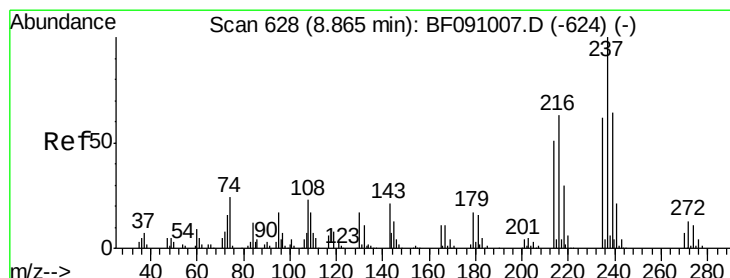
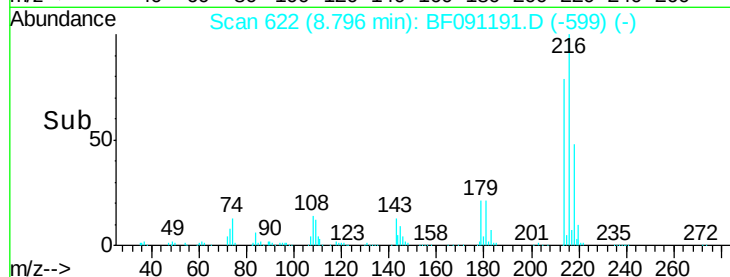
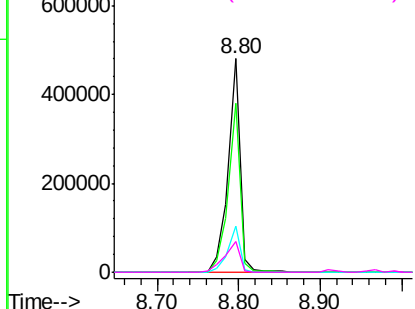
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.37 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:	216	Resp:	489139
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.5	95.3
179	21.7	19.1	28.7
108	18.8	17.5	26.3

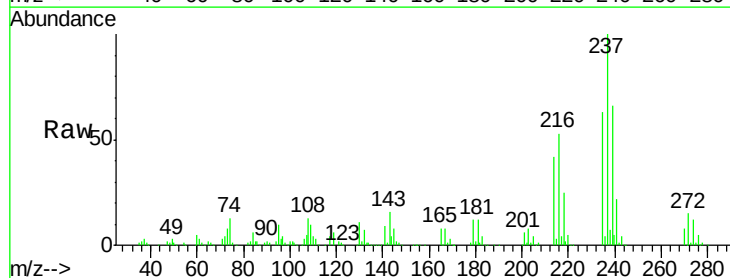


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

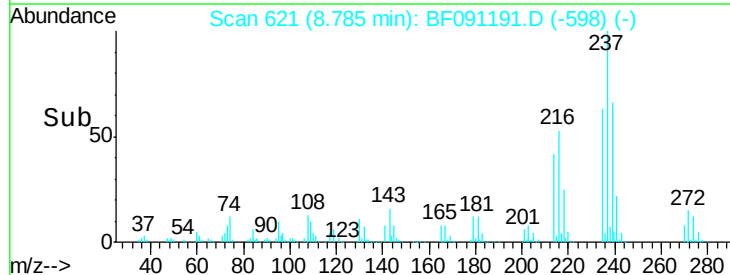
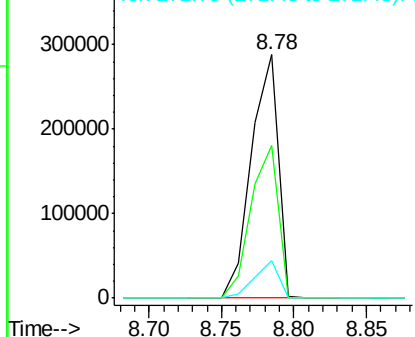


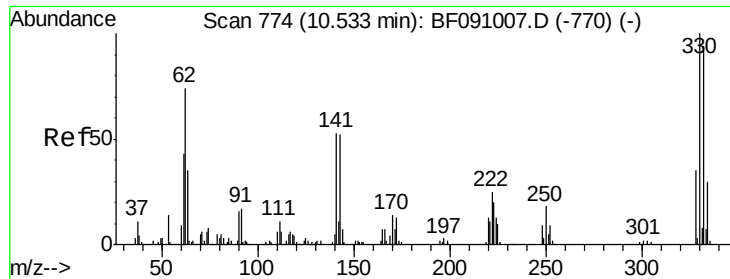
#40
 Hexachlorocyclopentadiene
 Concen: 91.51 ng
 RT: 8.78 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:	237	Resp:	370800
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.1	82.1
272	15.3	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

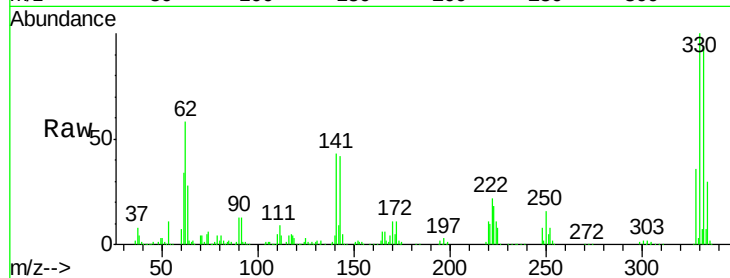




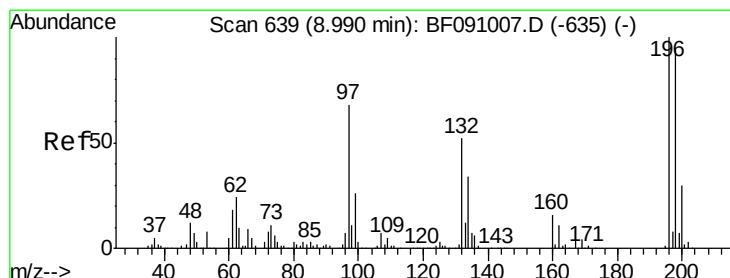
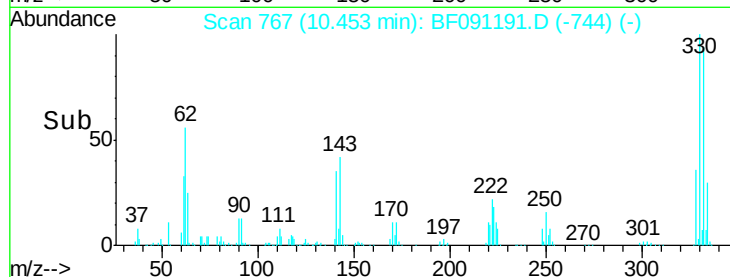
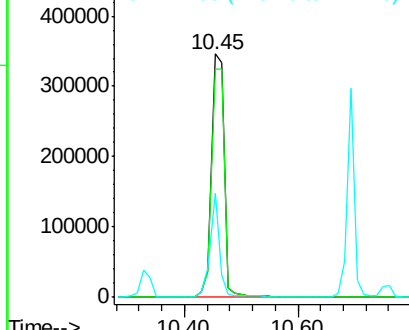
#41
 2,4,6-Tribromophenol
 Concen: 143.60 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:330 Resp: 525744
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.9 113.9
 141 31.2 36.1 54.1#

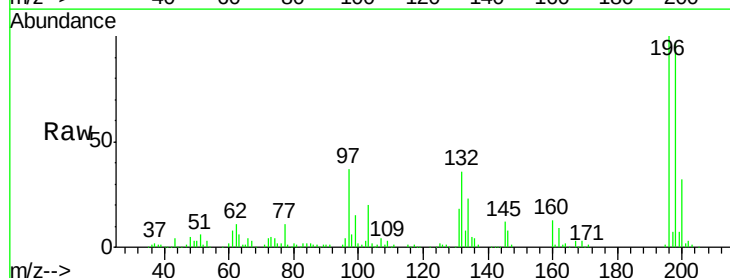


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

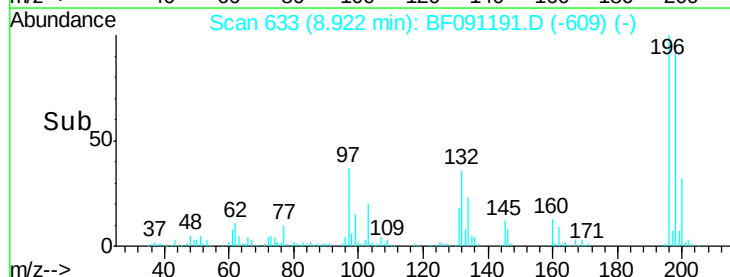
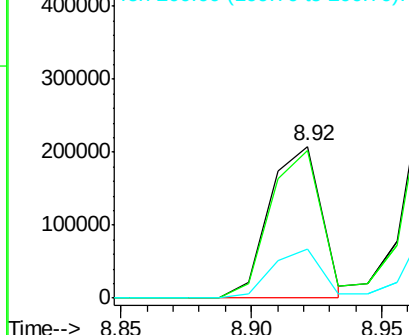


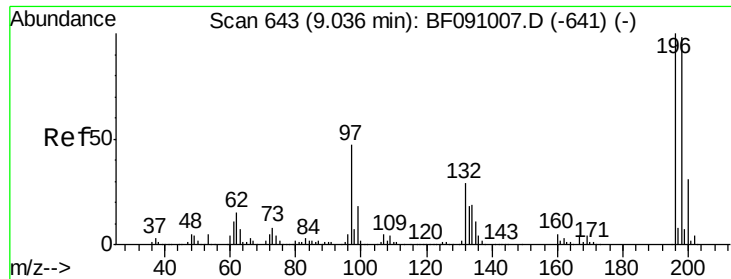
#42
 2,4,6-Trichlorophenol
 Concen: 43.25 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:196 Resp: 288255
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.4 113.0
 200 32.2 24.1 36.1



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

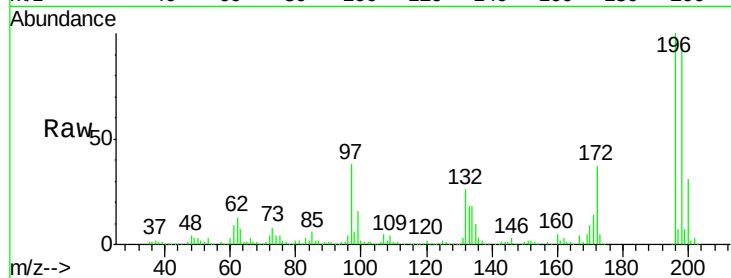




#43
 2,4,5-Trichlorophenol
 Concen: 48.17 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.2	117.4
97	38.3	38.8	58.2
132	25.6	23.5	35.3



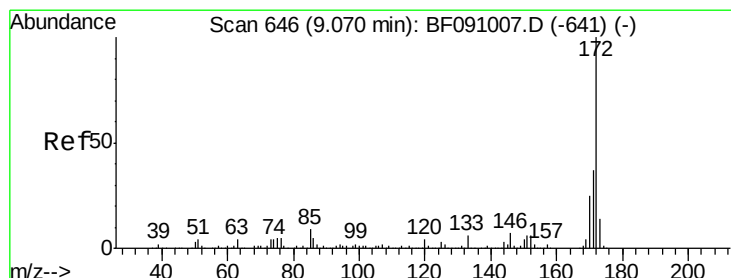
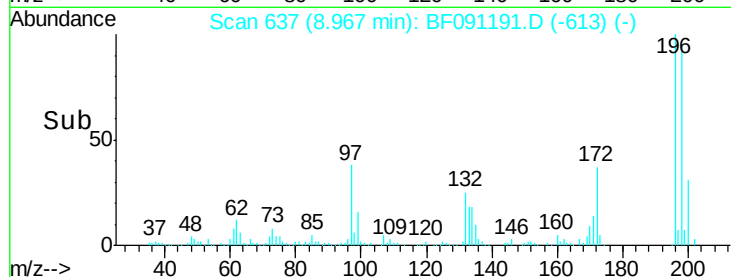
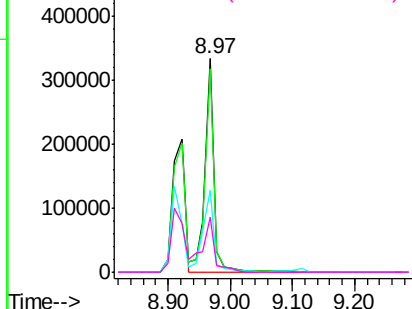
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

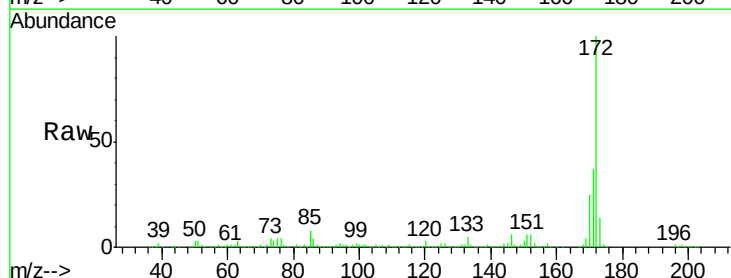
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.11 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.7	20.3	30.5

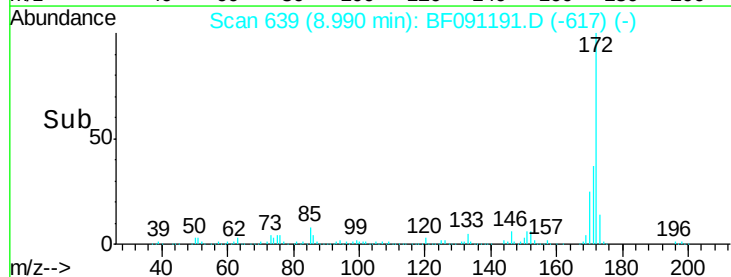
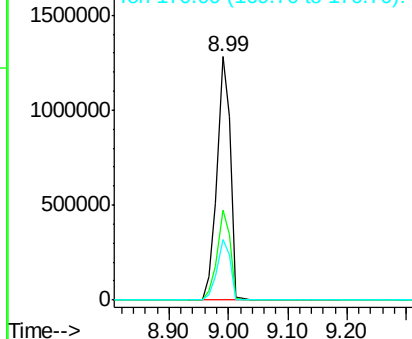


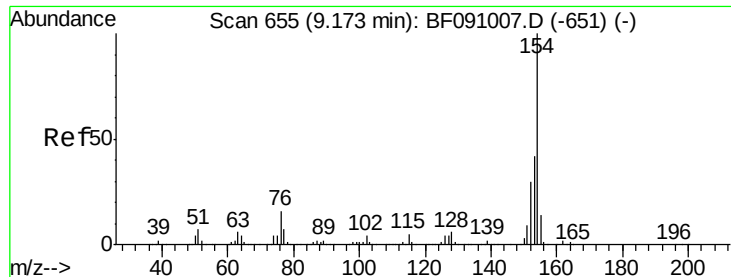
Abundance

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

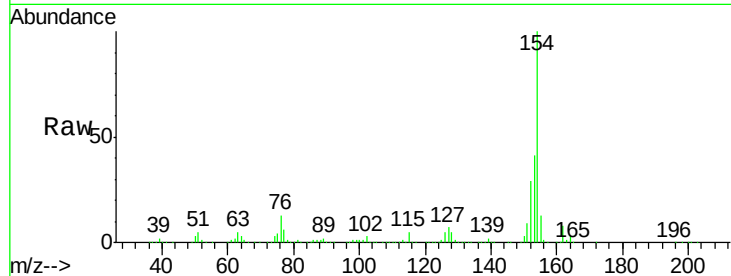




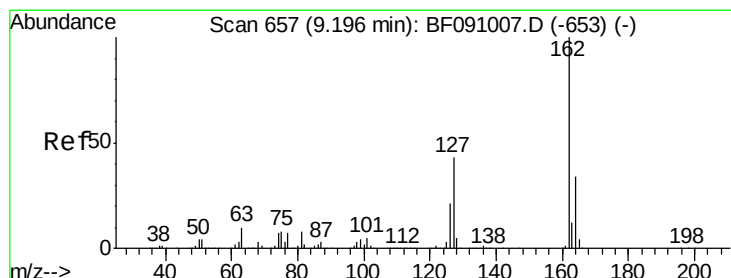
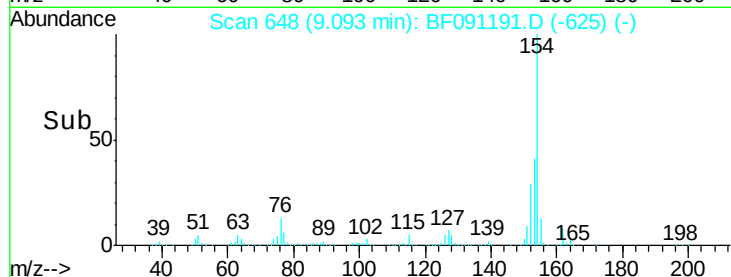
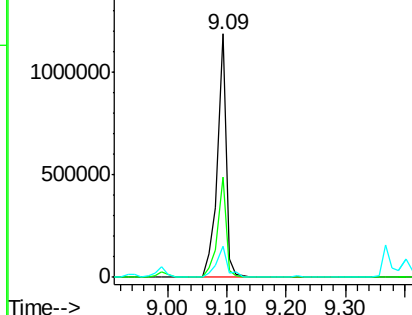
#45
 1,1'-Biphenyl
 Concen: 41.04 ng
 RT: 9.09 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:154 Resp: 1213608
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 12.7 0.0 36.2

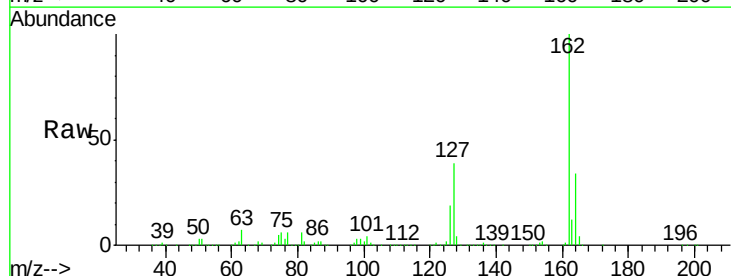


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

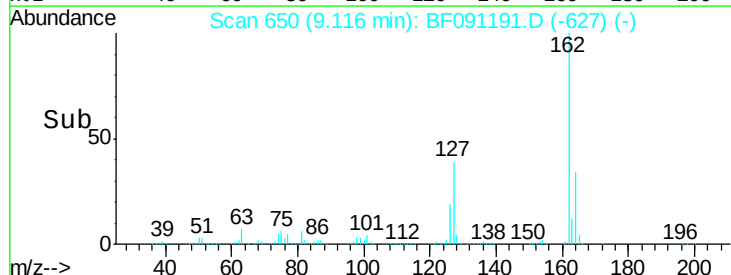
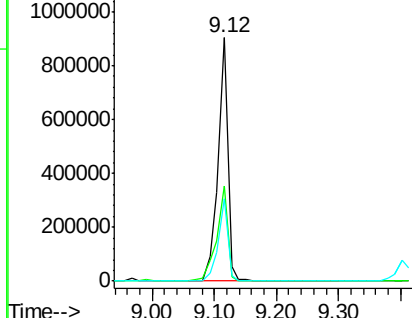


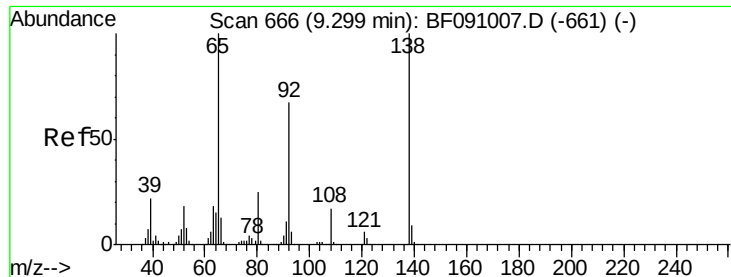
#46
 2-Chloronaphthalene
 Concen: 43.07 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:162 Resp: 966963
 Ion Ratio Lower Upper
 162 100
 127 39.2 34.7 52.1
 164 34.0 27.0 40.4



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: 32.76 ng

RT: 9.22 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

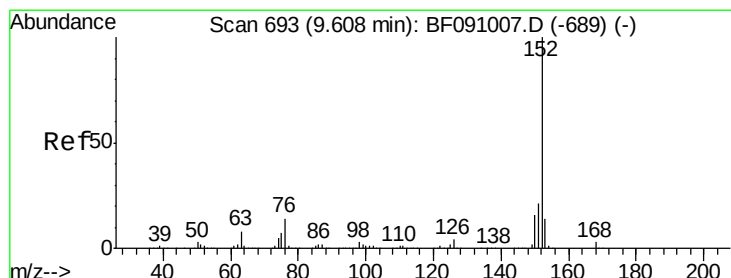
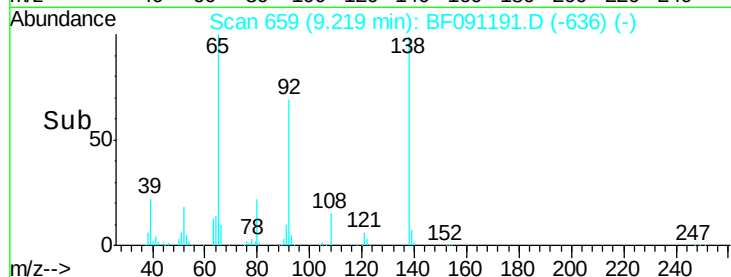
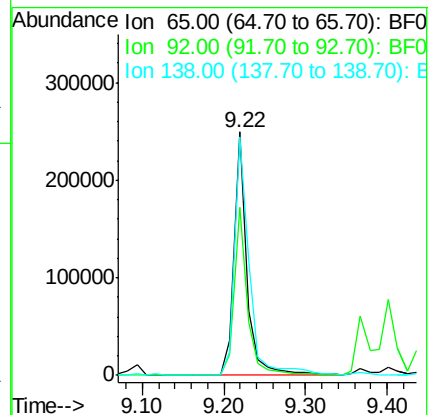
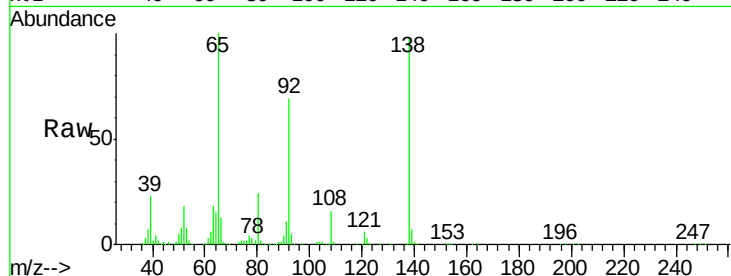
Tgt Ion: 65 Resp: 272957

Ion Ratio Lower Upper

65 100

92 69.0 53.9 80.9

138 98.2 80.1 120.1



#48

Acenaphthylene

Concen: 40.70 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

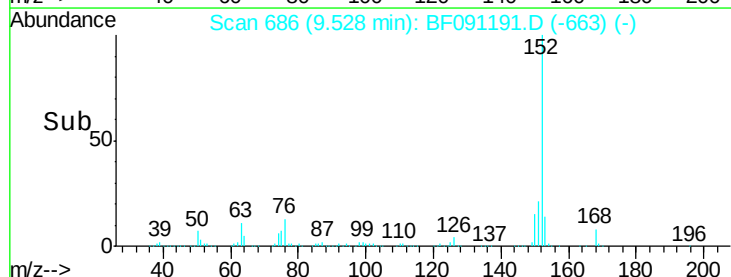
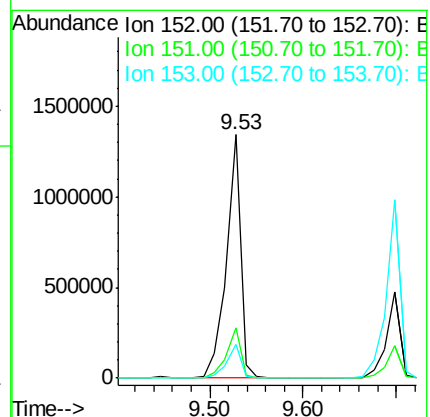
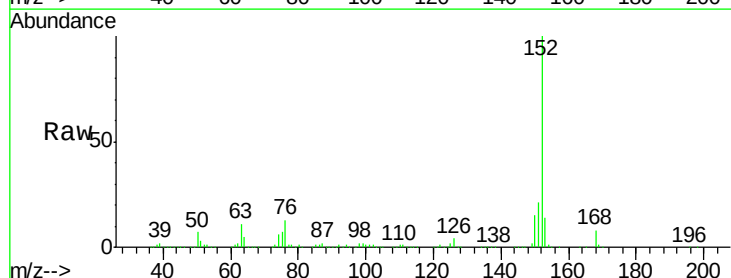
Tgt Ion: 152 Resp: 1423893

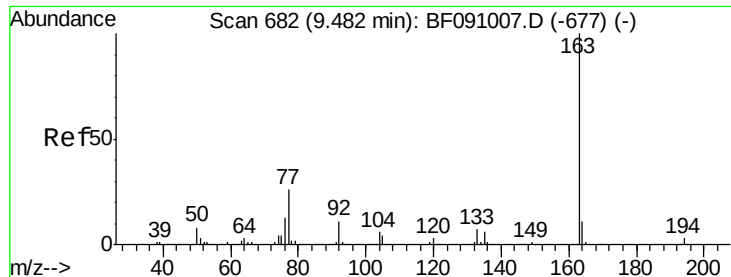
Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

153 13.8 11.1 16.7

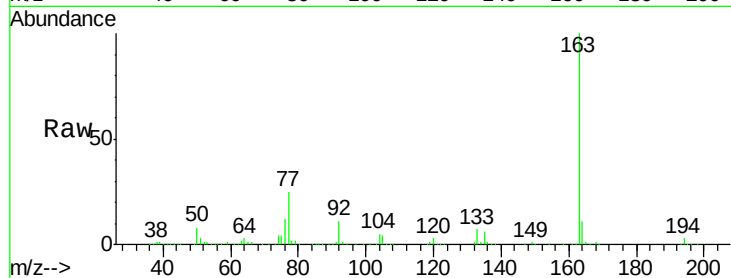




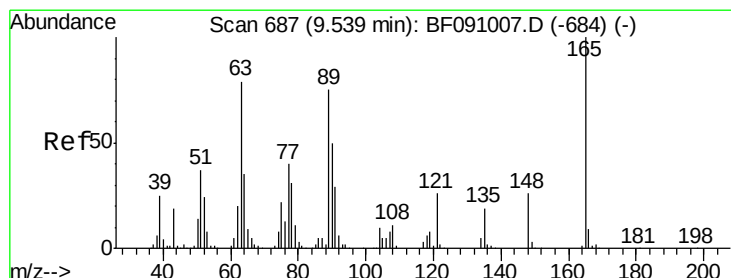
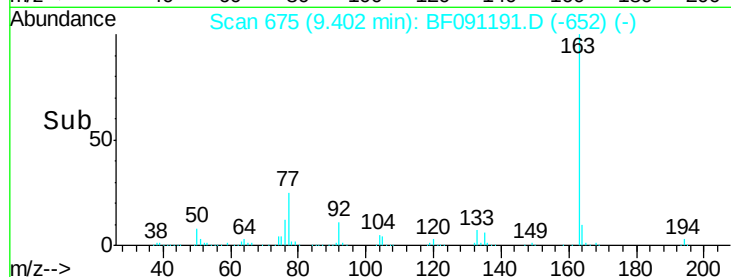
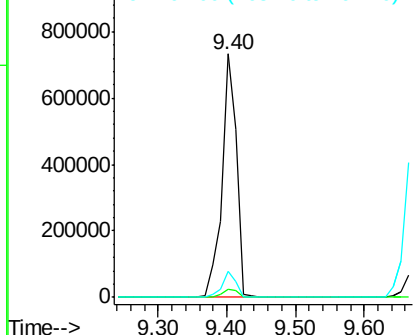
#49
Dimethylphthalate
Concen: 41.13 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Instrument :
BNA_F
ClientSampleId :
PB94688BS

Tgt Ion:163 Resp: 1092222
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.8 8.7 13.1

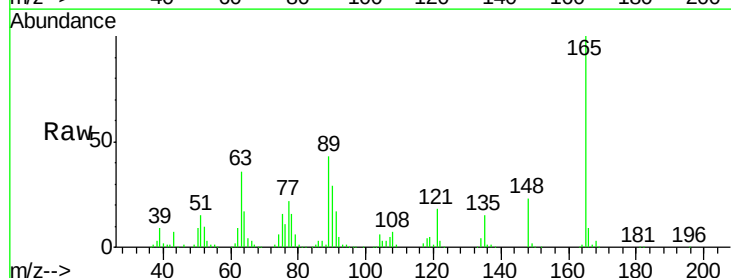


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

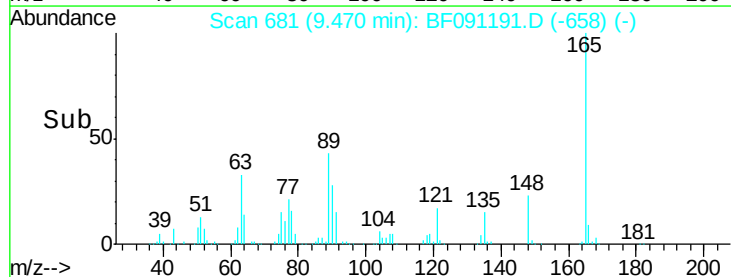
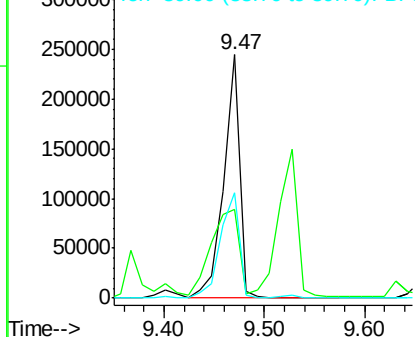


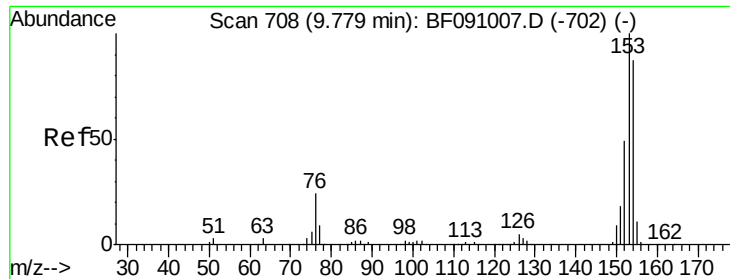
#50
2,6-Dinitrotoluene
Concen: 47.38 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion:165 Resp: 269614
Ion Ratio Lower Upper
165 100
63 36.2 65.6 98.4#
89 43.1 59.8 89.6#



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: 40.35 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

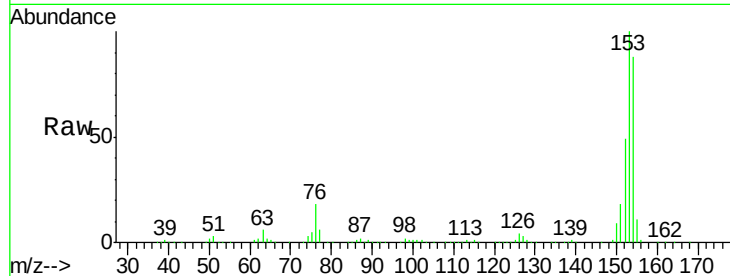
Tgt Ion:154 Resp: 886440

Ion Ratio Lower Upper

154 100

153 114.2 91.6 137.4

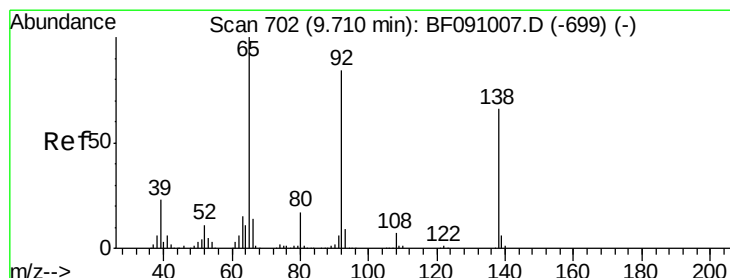
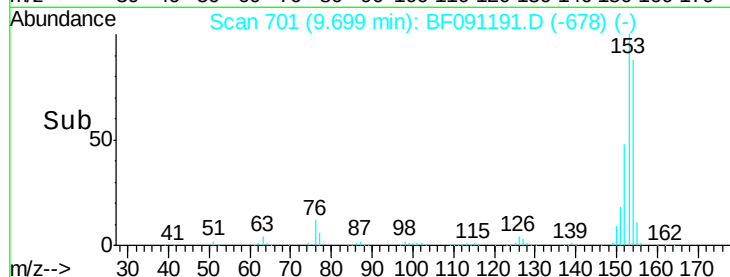
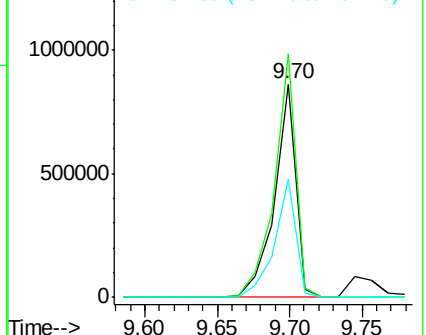
152 55.5 44.6 67.0



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: 18.05 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

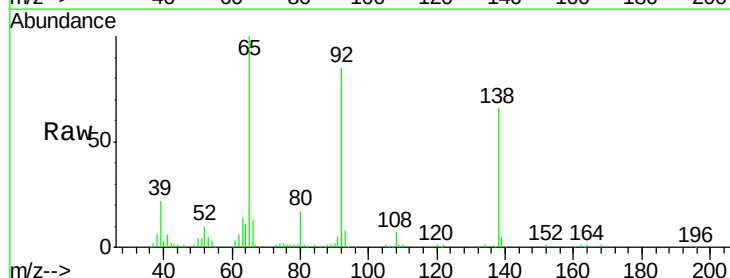
Tgt Ion:138 Resp: 121838

Ion Ratio Lower Upper

138 100

108 10.9 8.4 12.6

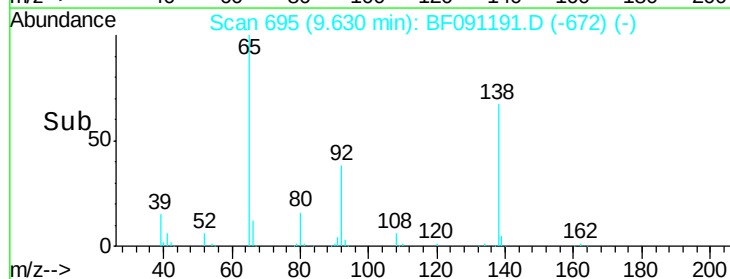
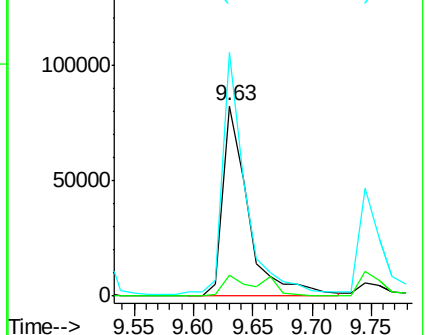
92 128.0 101.1 151.7

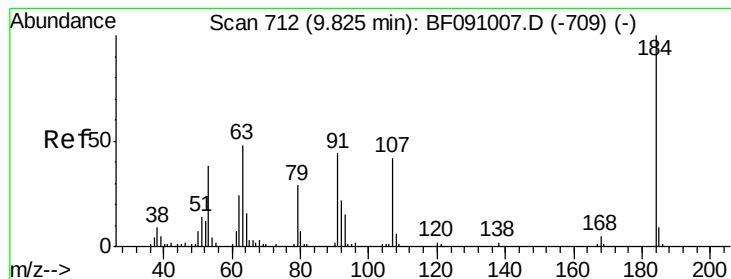


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 72.79 ng

RT: 9.76 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

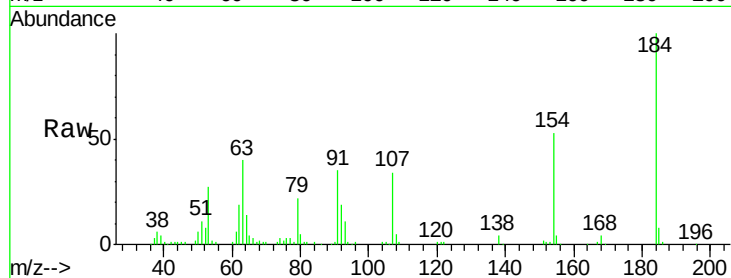
Tgt Ion:184 Resp: 223760

Ion Ratio Lower Upper

184 100

63 39.9 45.5 68.3#

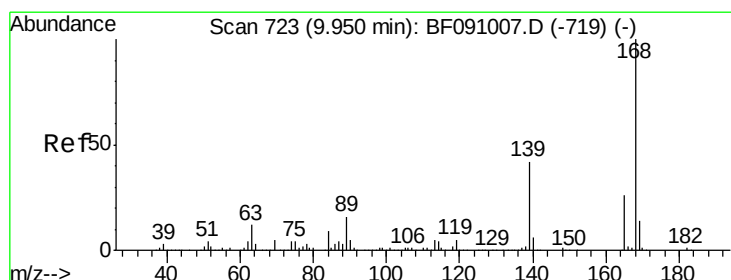
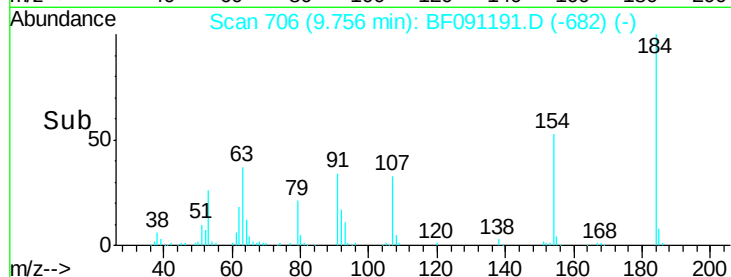
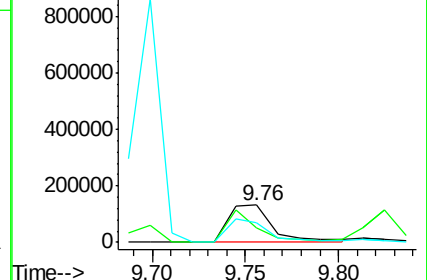
154 53.0 51.0 76.4



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: 44.01 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

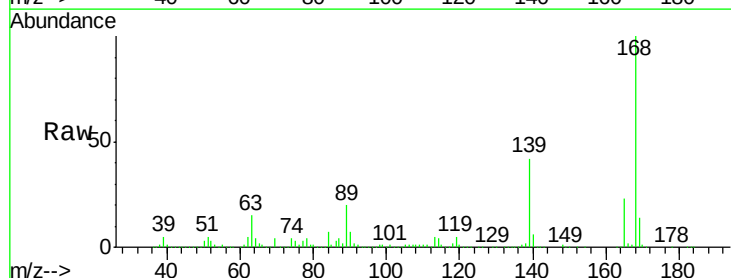
Tgt Ion:168 Resp: 1301450

Ion Ratio Lower Upper

168 100

139 41.6 34.8 52.2

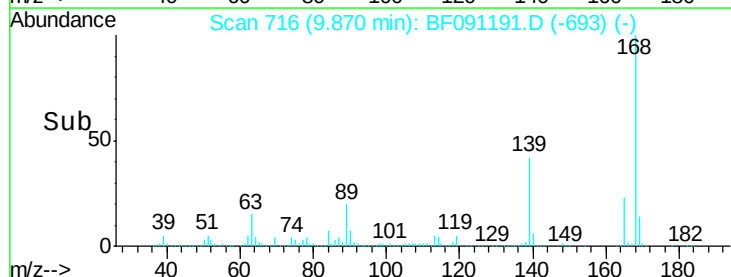
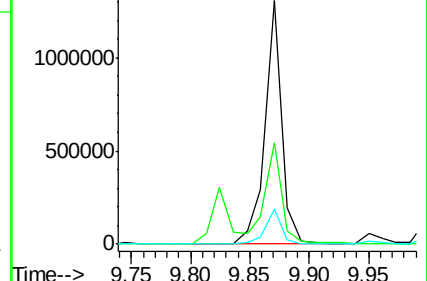
169 14.1 11.4 17.2

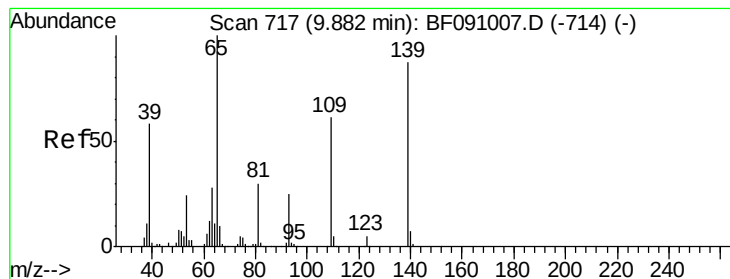


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.00 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

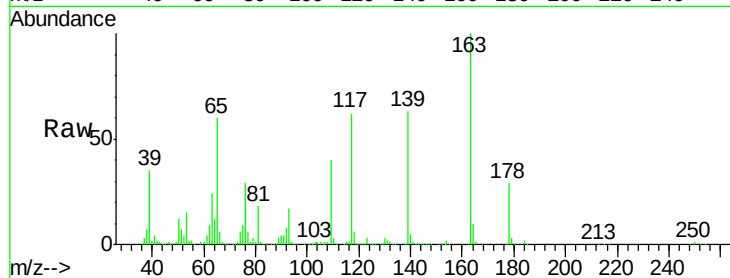
Tgt Ion:139 Resp: 335346

Ion Ratio Lower Upper

139 100

109 63.5 50.5 90.5

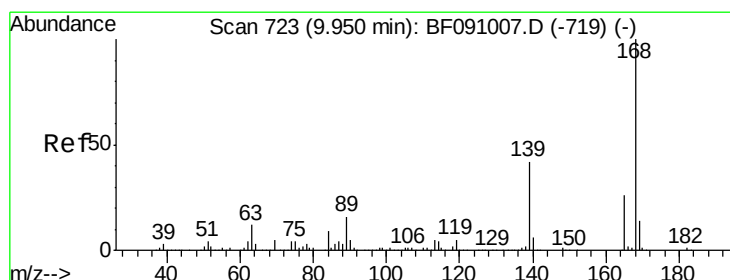
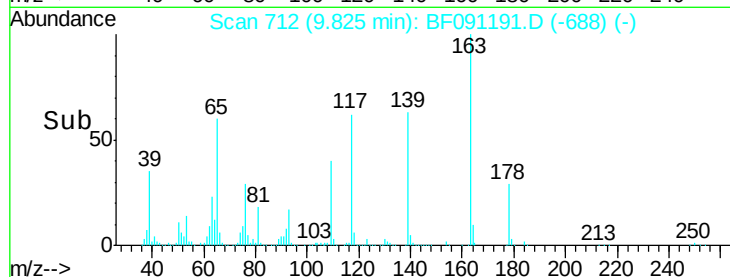
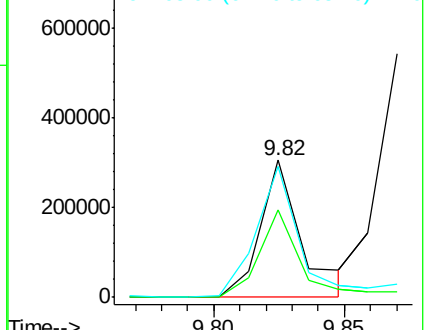
65 95.3 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.47 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Tgt Ion:165 Resp: 314749

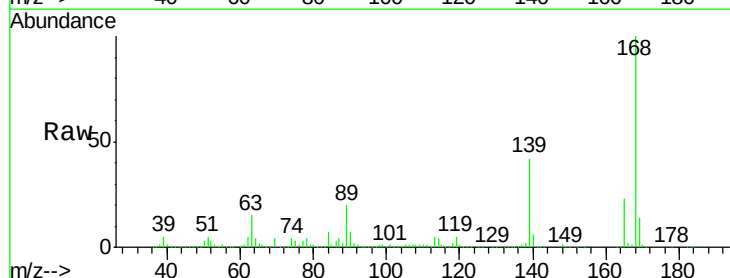
Ion Ratio Lower Upper

165 100

63 65.6 38.7 58.1#

89 87.6 50.6 76.0#

182 2.1 1.8 2.8

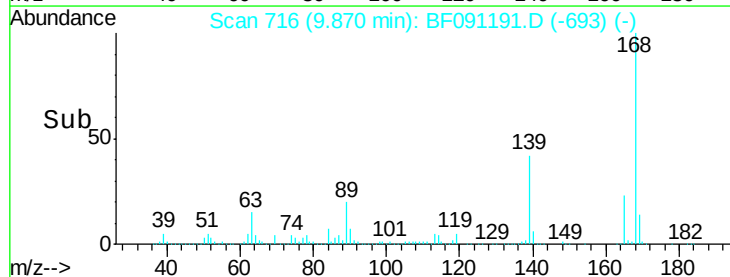
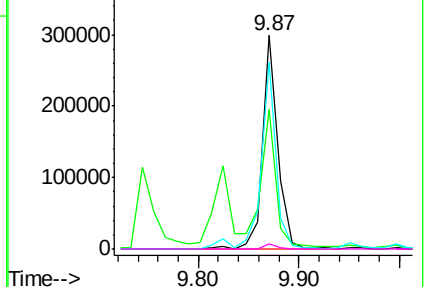


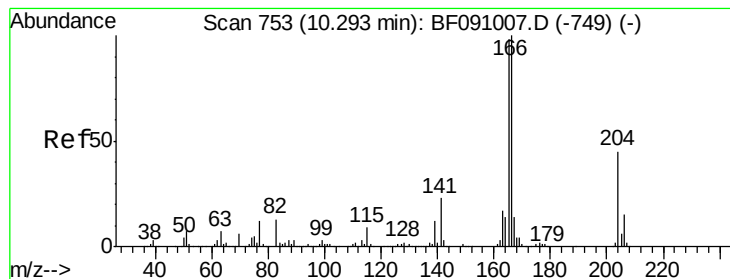
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.44 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

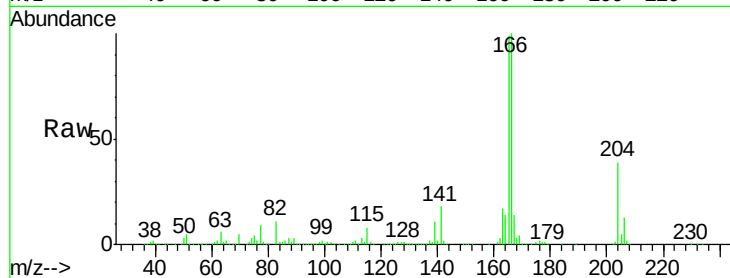
Tgt Ion:166 Resp: 1098244

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

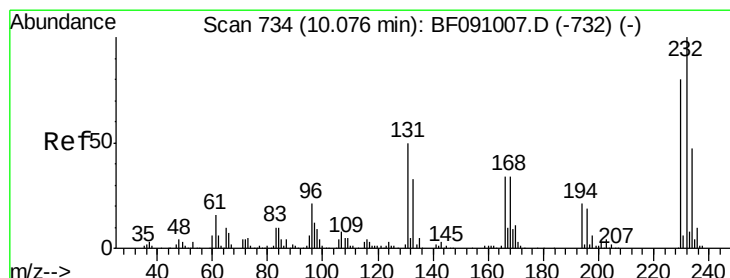
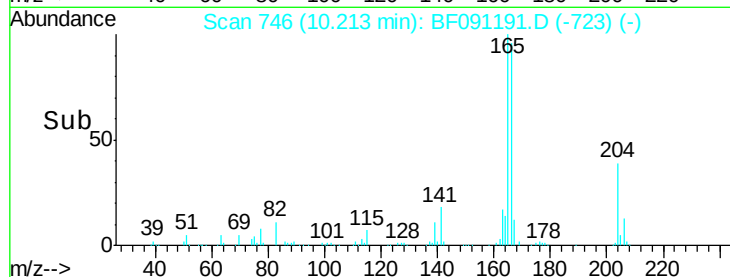
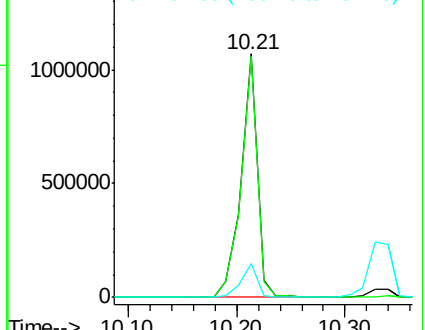
167 14.0 11.1 16.7



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: 50.86 ng

RT: 10.00 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Tgt Ion:232 Resp: 278868

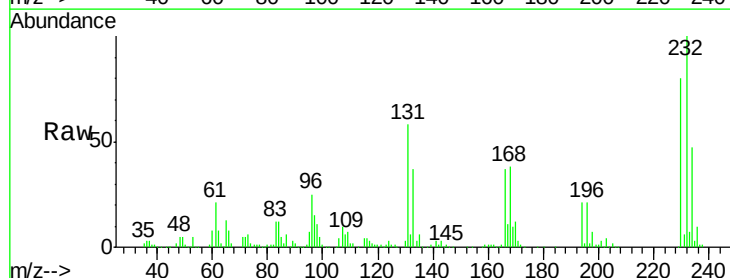
Ion Ratio Lower Upper

232 100

131 53.4 43.6 65.4

130 2.5 2.0 3.0

166 33.6 27.4 41.2

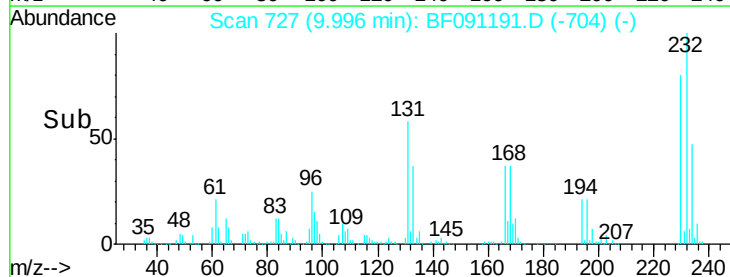
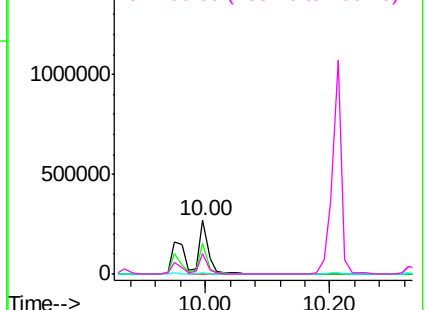


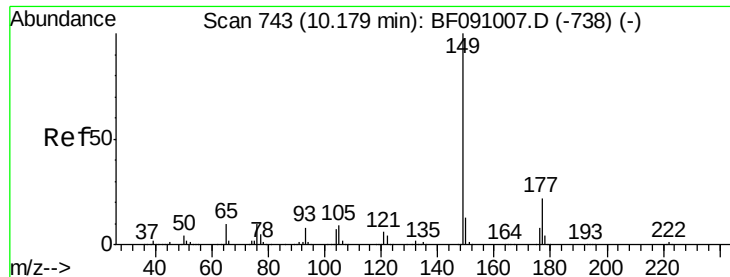
Abundance Ion 232.00 (231.70 to 232.70): E

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

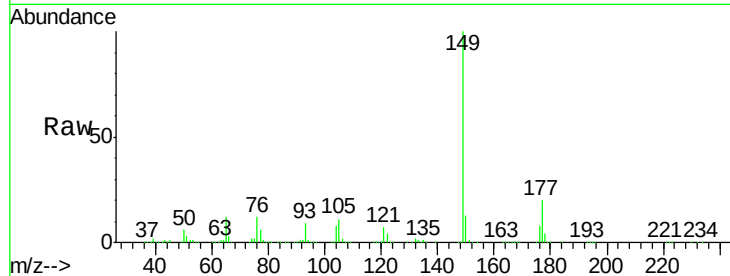




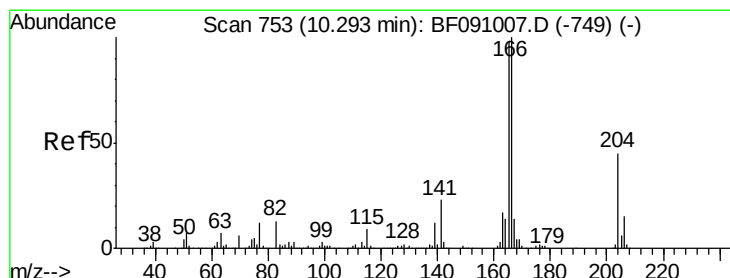
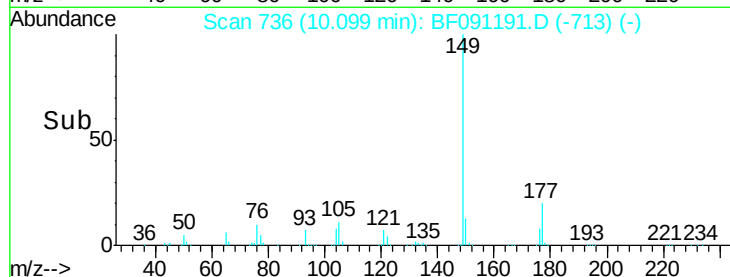
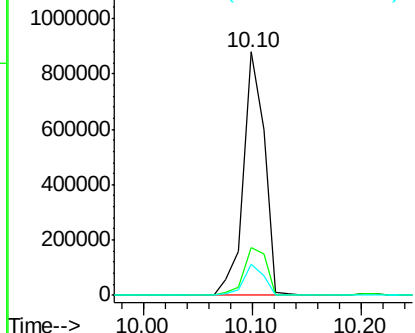
#59
Diethylphthalate
Concen: 43.21 ng
RT: 10.10 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Instrument :
BNA_F
ClientSampleId :
PB94688BS

Tgt Ion:149 Resp: 1176330
Ion Ratio Lower Upper
149 100
177 19.9 17.3 25.9
150 13.0 10.3 15.5

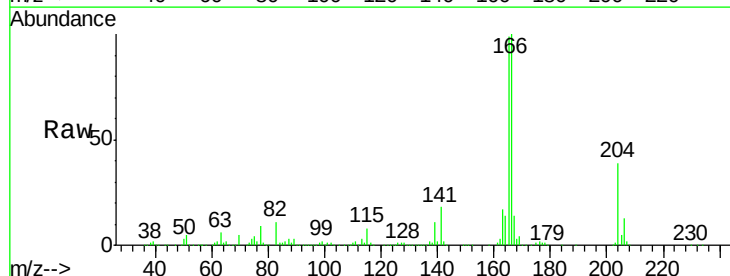


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

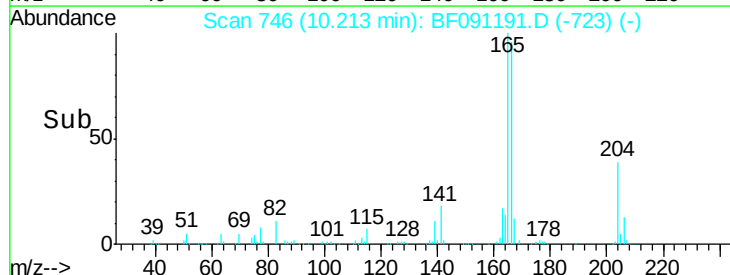
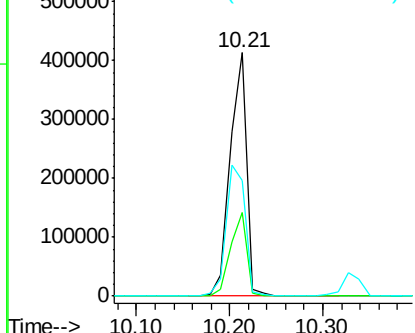


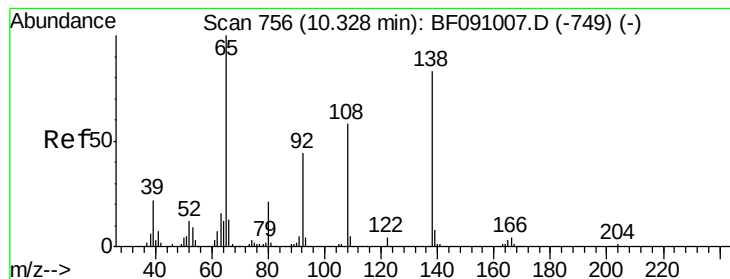
#60
4-Chlorophenyl-phenylether
Concen: 46.88 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion:204 Resp: 515670
Ion Ratio Lower Upper
204 100
206 34.4 27.1 40.7
141 47.2 40.1 60.1



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: 38.68 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

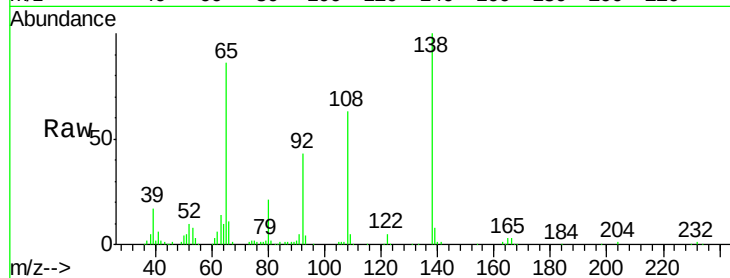
Tgt Ion:138 Resp: 264067

Ion Ratio Lower Upper

138 100

92 42.5 32.5 72.5

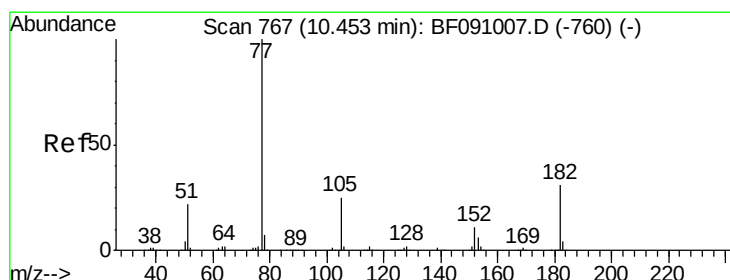
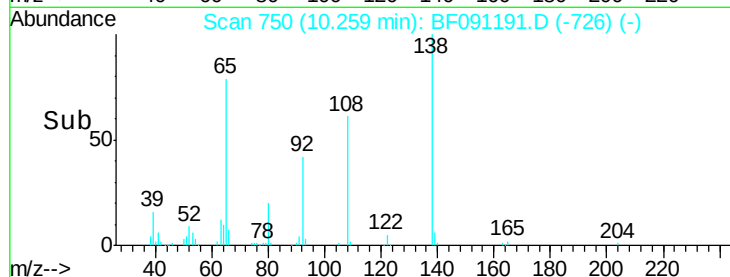
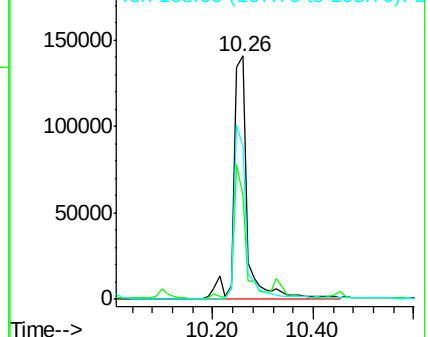
108 62.6 49.4 89.4



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: 43.60 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Tgt Ion: 77 Resp: 1397248

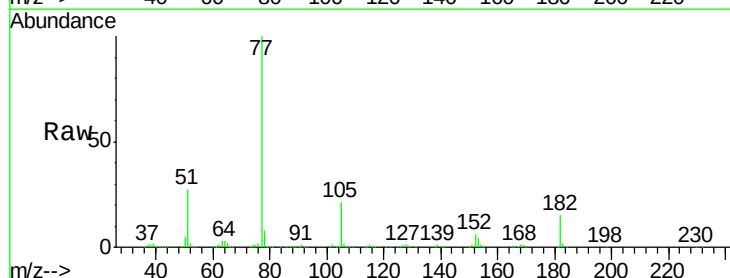
Ion Ratio Lower Upper

77 100

182 14.9 11.0 51.0

105 20.9 5.6 45.6

51 27.3 2.7 42.7

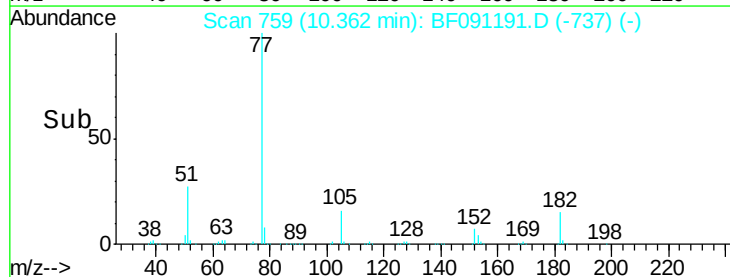
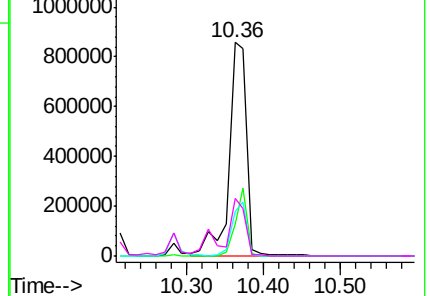


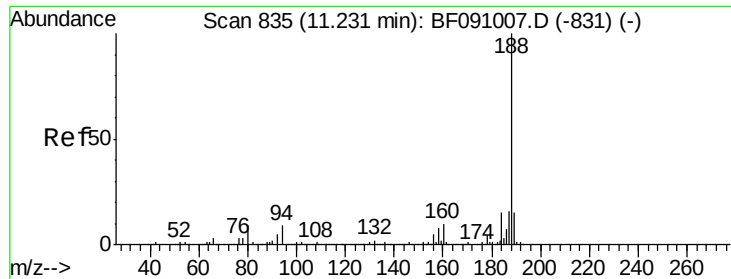
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

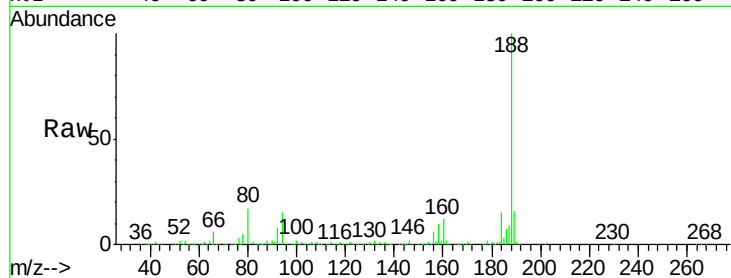




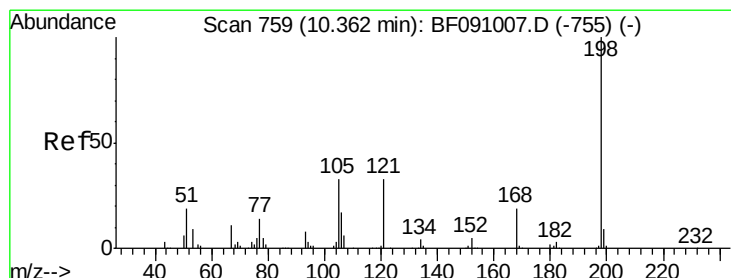
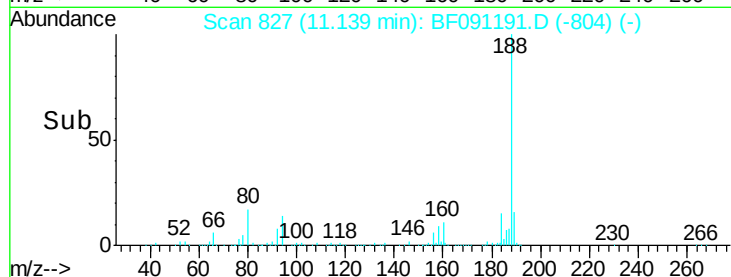
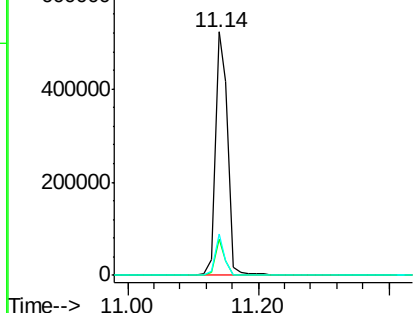
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Instrument :
BNA_F
ClientSampleId :
PB94688BS

Tgt Ion:188 Resp: 693077
Ion Ratio Lower Upper
188 100
94 14.8 7.0 10.4#
80 16.9 7.5 11.3#

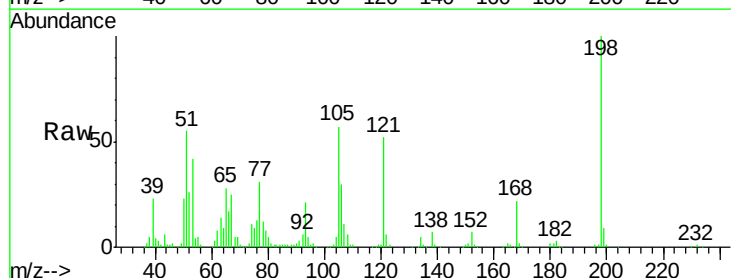


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

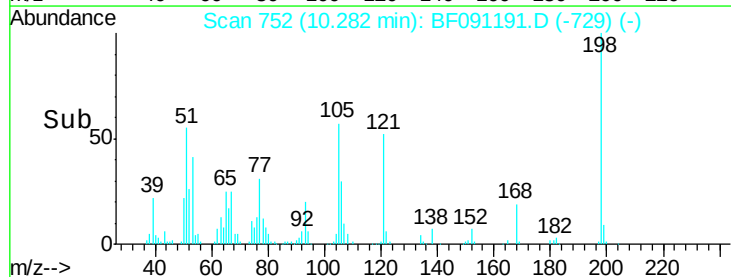
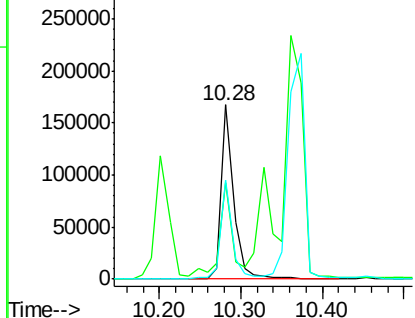


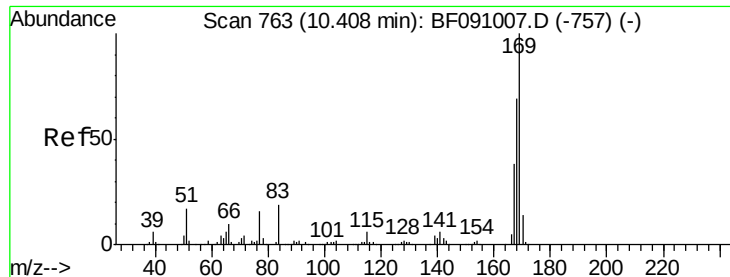
#64
4,6-Dinitro-2-methylphenol
Concen: 41.86 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion:198 Resp: 177659
Ion Ratio Lower Upper
198 100
51 55.0 5.9 45.9#
105 56.6 13.8 53.8#



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: 44.16 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

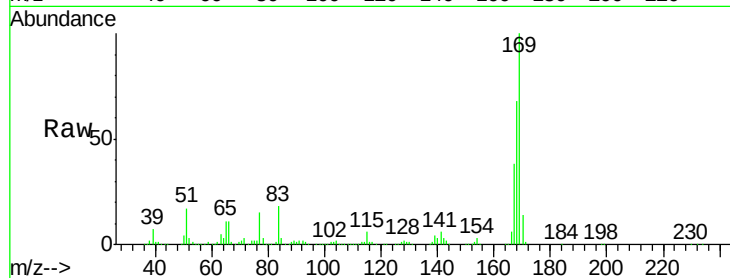
Tgt Ion:169 Resp: 972852

Ion Ratio Lower Upper

169 100

168 68.4 55.3 82.9

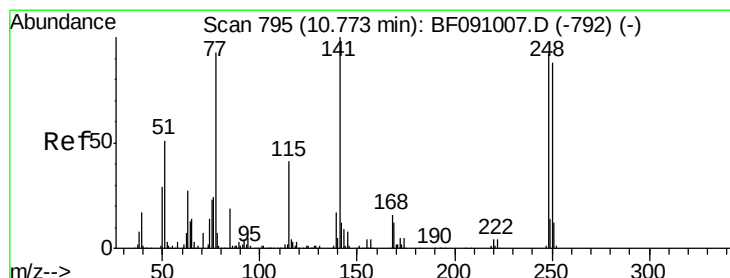
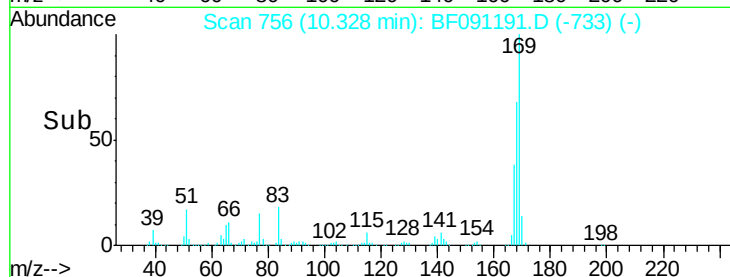
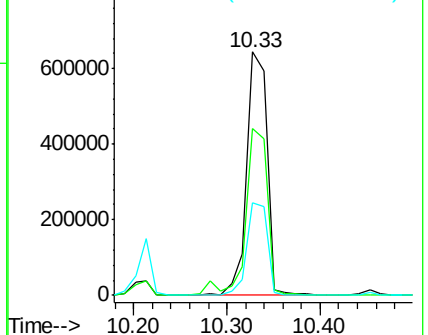
167 37.9 30.3 45.5



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: 44.13 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

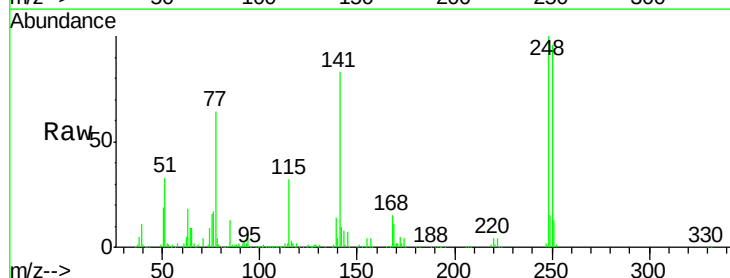
Tgt Ion:248 Resp: 318124

Ion Ratio Lower Upper

248 100

250 96.2 76.3 114.5

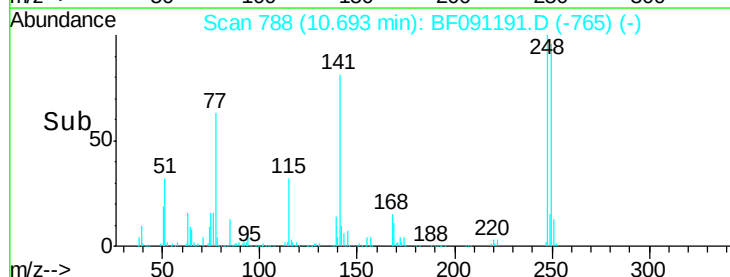
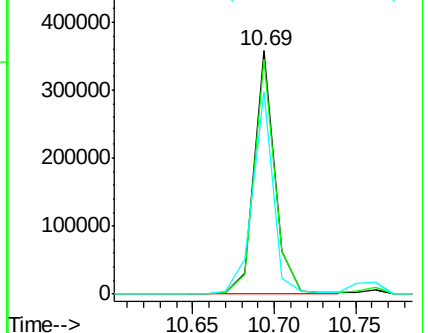
141 83.2 86.8 130.2#

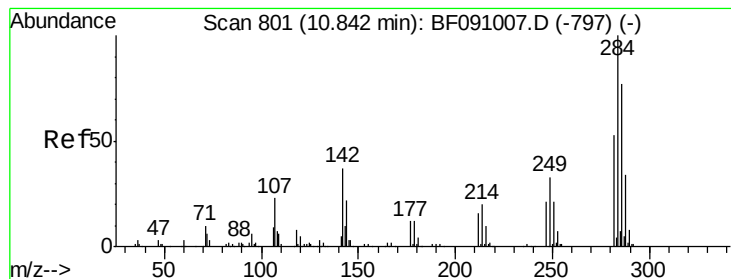


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.59 ng

RT: 10.76 min Scan# 794

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

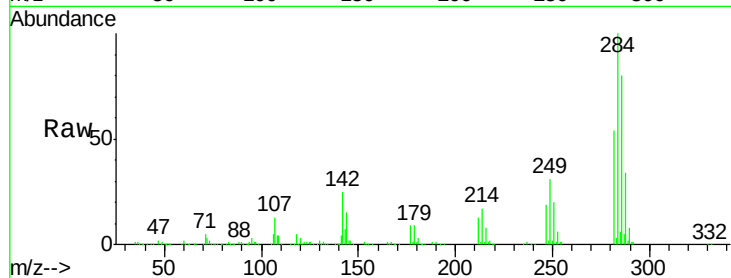
Instrument :

BNA_F

ClientSampleId :

PB94688BS

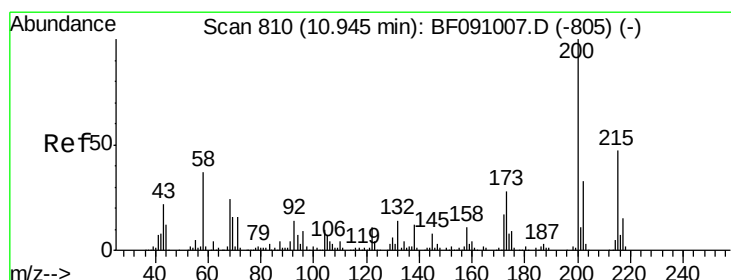
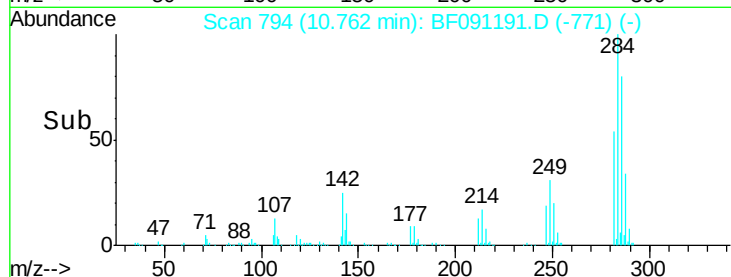
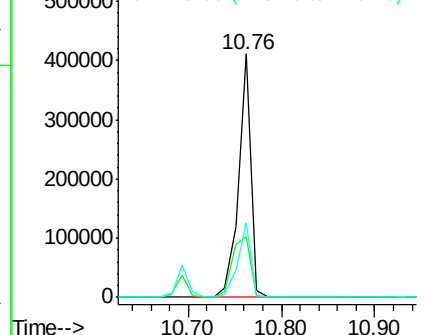
Tgt Ion:	284	Resp:	386311
Ion Ratio	Lower	Upper	
284	100		
142	24.8	29.9	44.9#
249	30.8	26.6	39.8



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: 43.26 ng

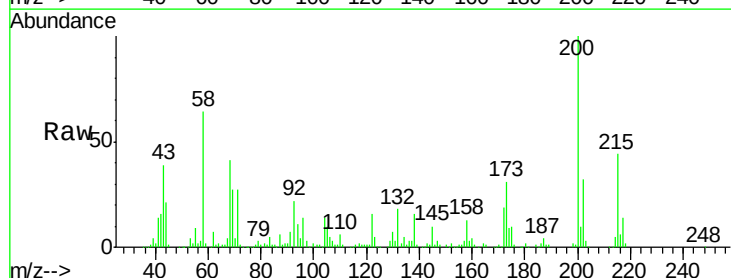
RT: 10.86 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

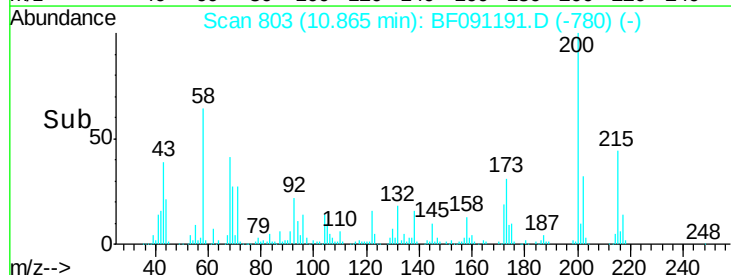
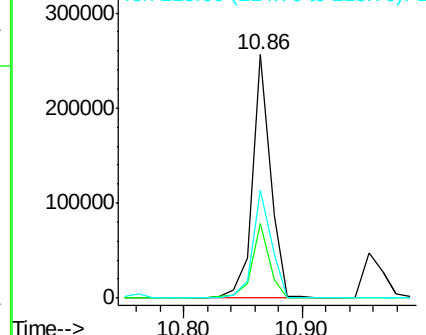
Tgt Ion:	200	Resp:	274931
Ion Ratio	Lower	Upper	
200	100		
173	30.6	8.1	48.1
215	44.2	27.3	67.3

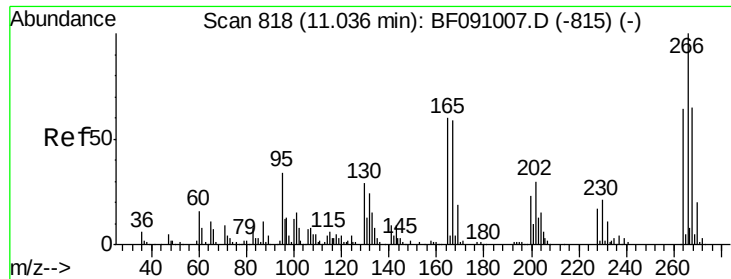


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

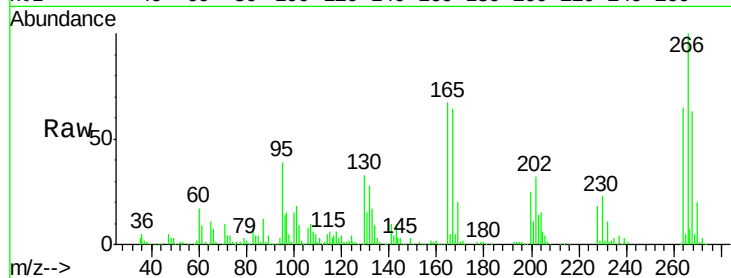




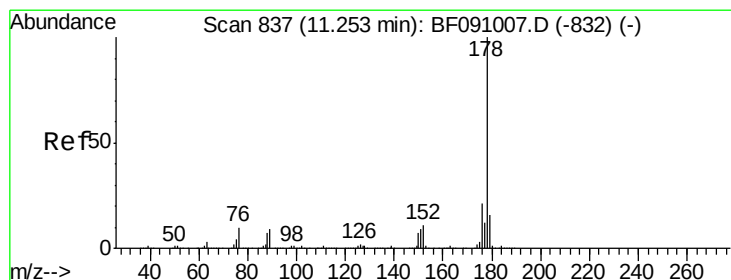
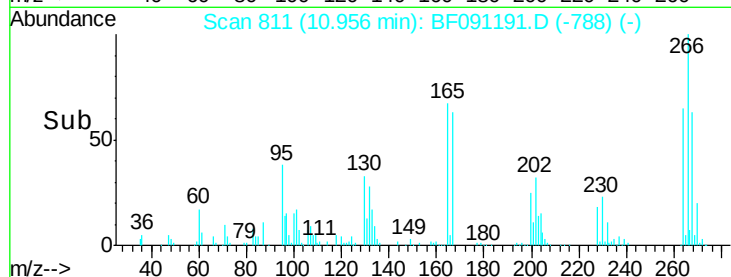
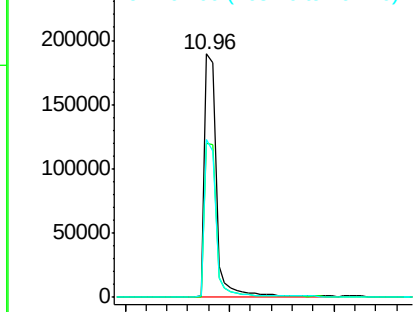
#69
 Pentachlorophenol
 Concen: 88.20 ng
 RT: 10.96 min Scan# 811
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:266 Resp: 310595
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.1 78.1
 264 64.8 51.1 76.7

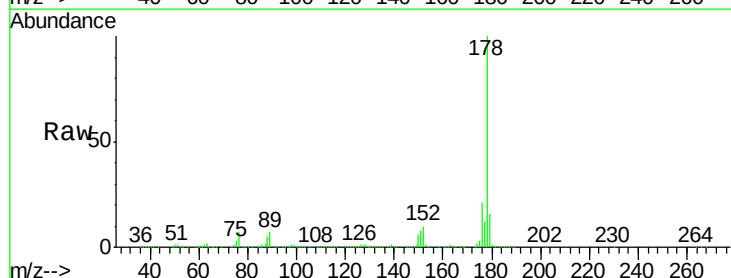


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

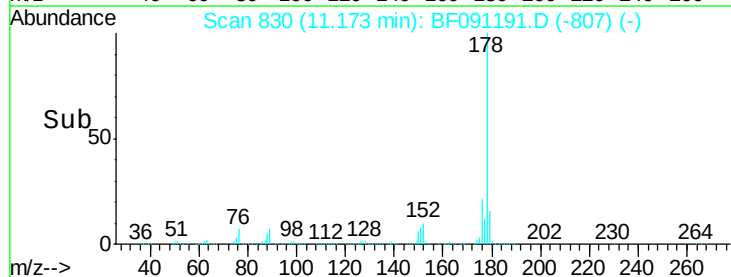
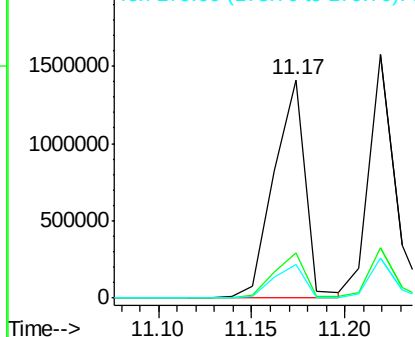


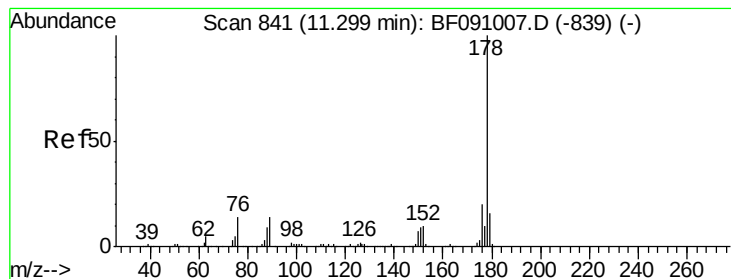
#70
 Phenanthrene
 Concen: 44.63 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:178 Resp: 1644502
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.6 25.0
 179 15.7 12.9 19.3



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





#71

Anthracene

Concen: 38.27 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

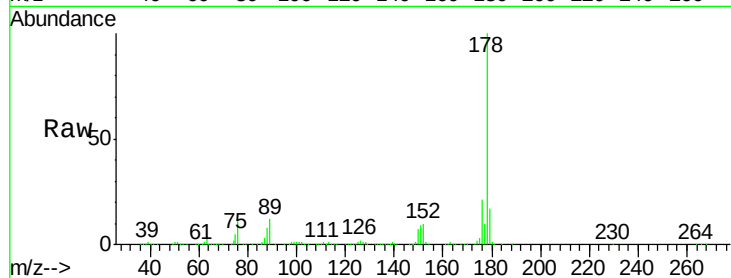
Tgt Ion:178 Resp: 1499152

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

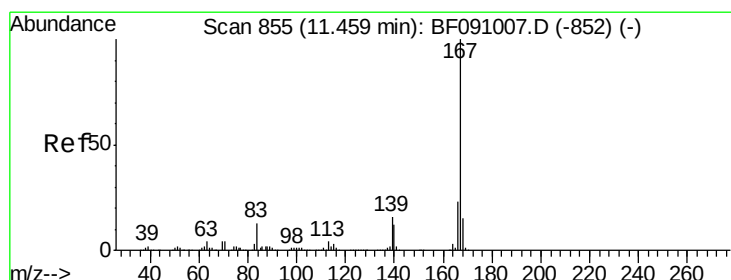
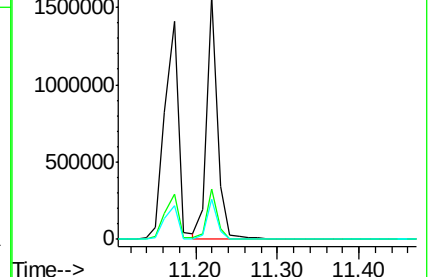
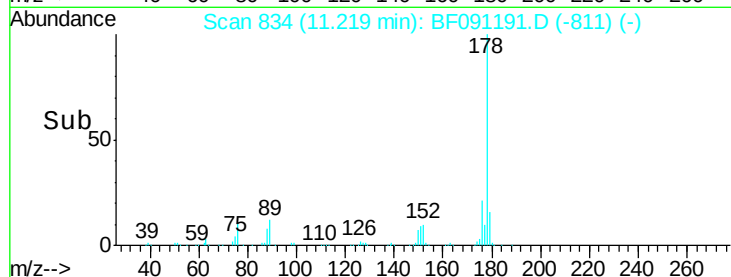
179 16.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.04 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

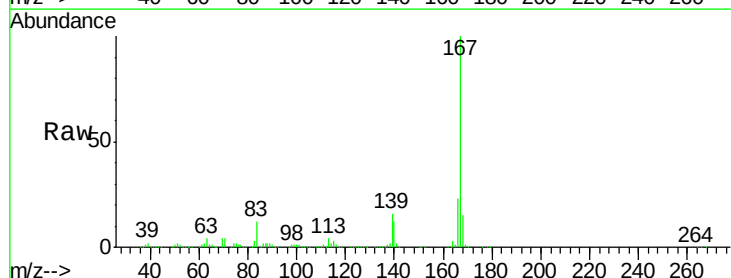
Tgt Ion:167 Resp: 1342715

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

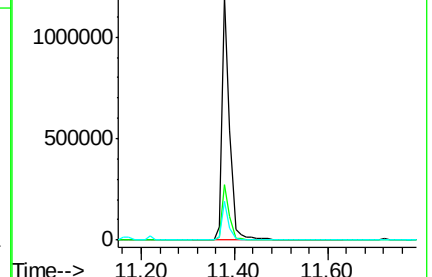
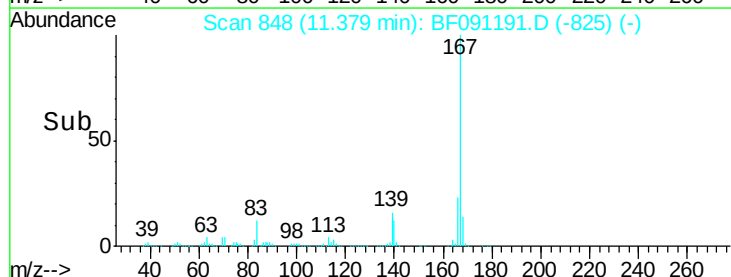
139 15.8 12.6 18.8

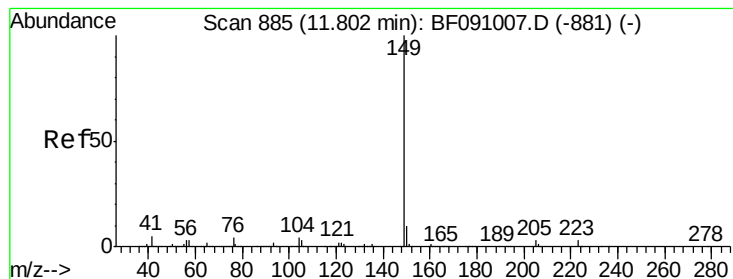


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.55 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

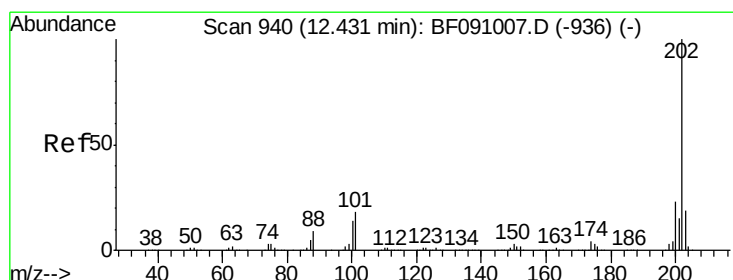
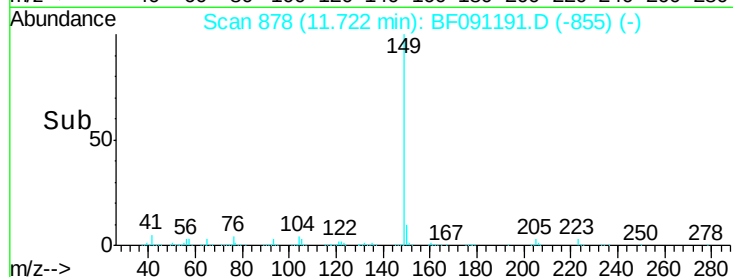
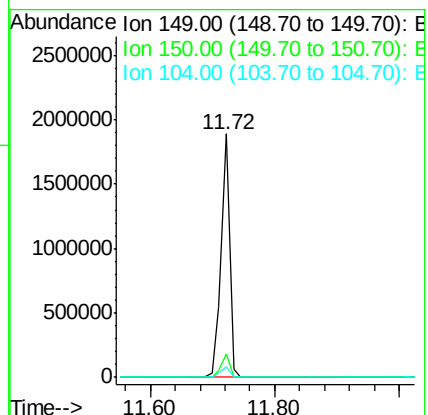
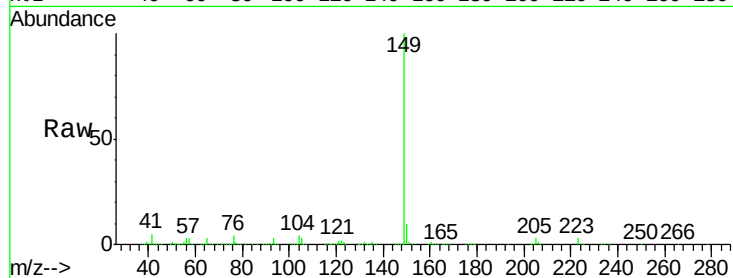
Tgt Ion:149 Resp: 1756026

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 4.5 3.6 5.4



#74

Fluoranthene

Concen: 37.04 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

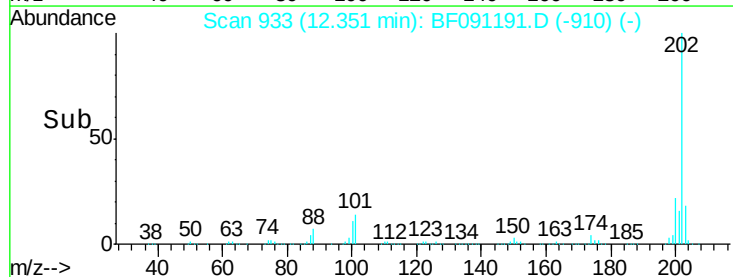
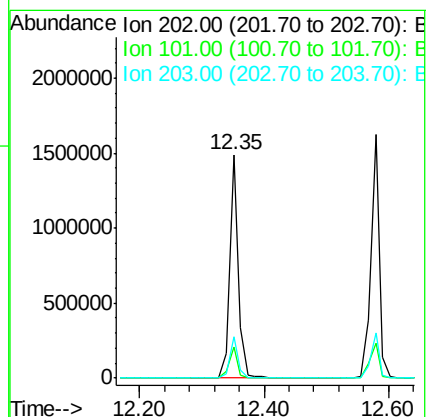
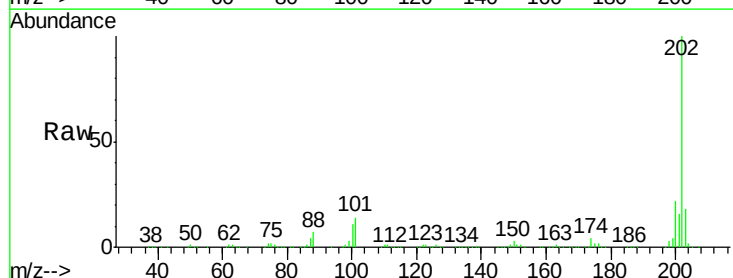
Tgt Ion:202 Resp: 1415167

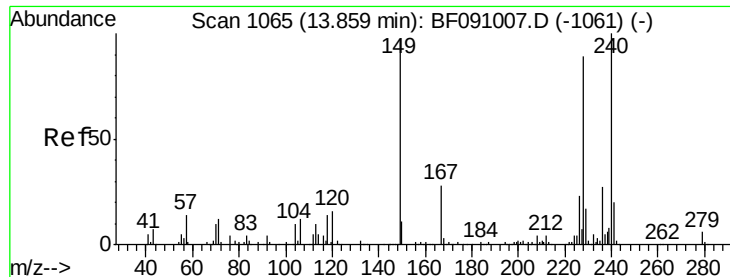
Ion Ratio Lower Upper

202 100

101 14.1 0.0 37.6

203 18.4 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

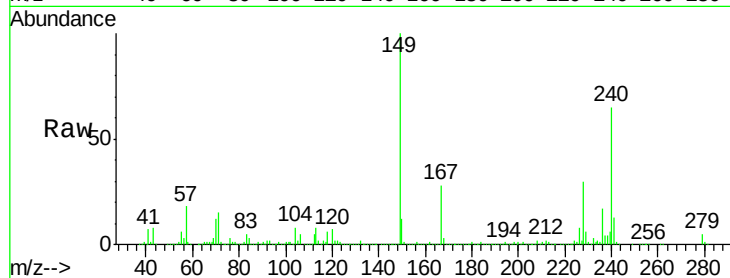
Tgt Ion:240 Resp: 558093

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

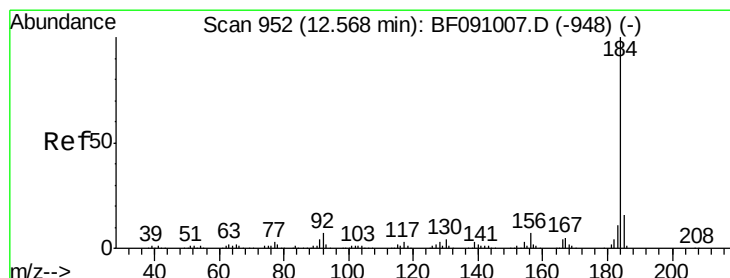
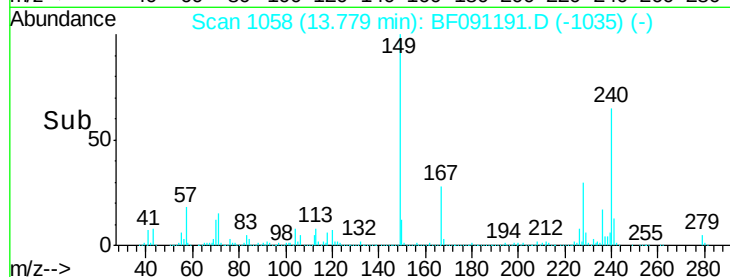
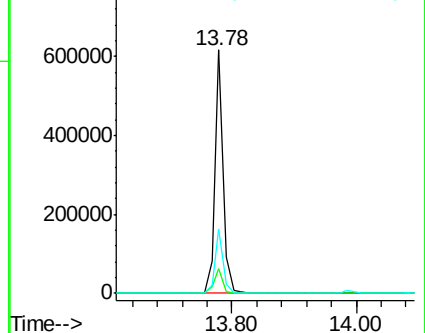
236 26.4 21.9 32.9



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: 29.25 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

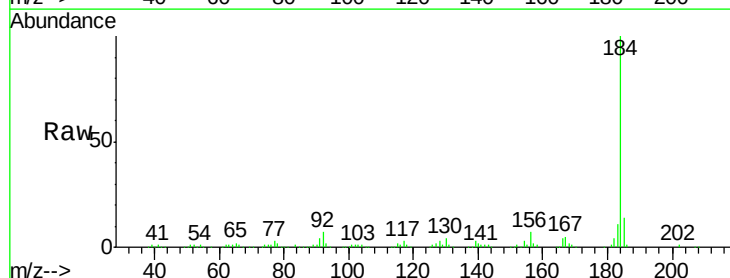
Tgt Ion:184 Resp: 364644

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.4

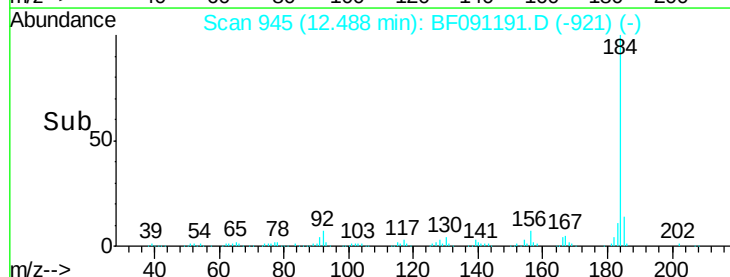
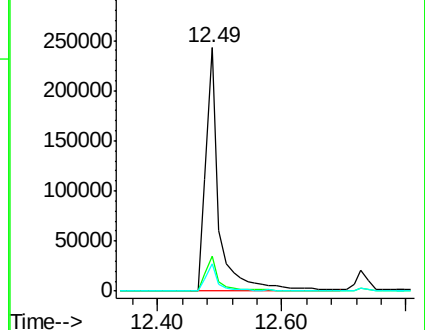
183 11.0 8.7 13.1

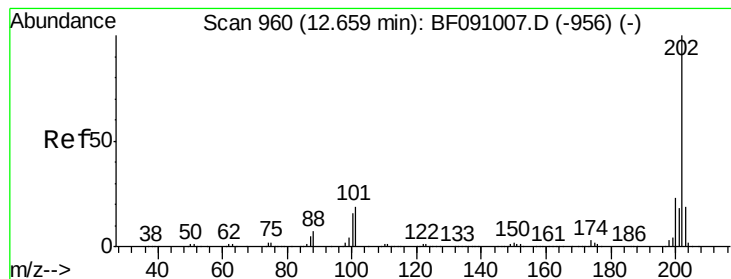


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.04 ng

RT: 12.58 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

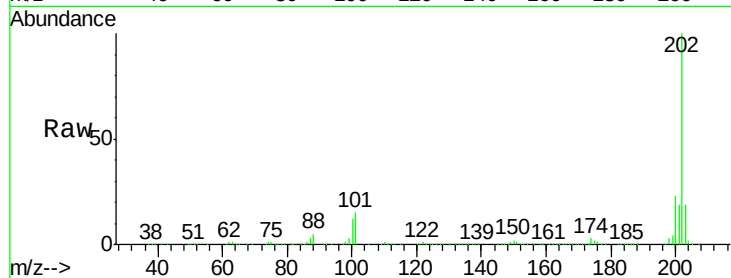
Tgt Ion:202 Resp: 1500062

Ion Ratio Lower Upper

202 100

200 22.8 18.4 27.6

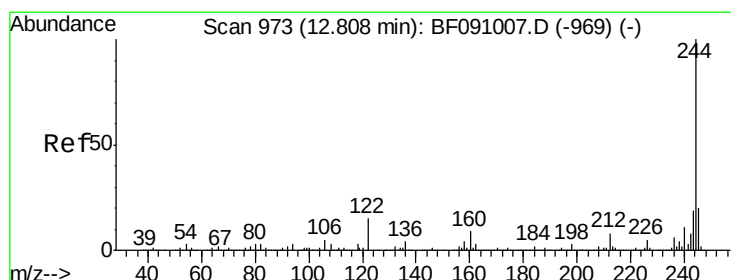
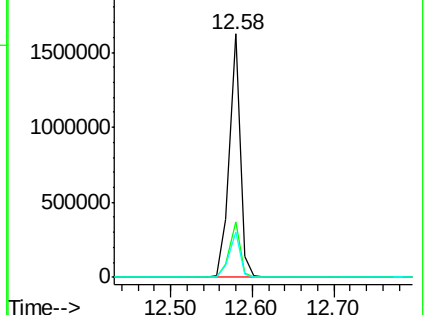
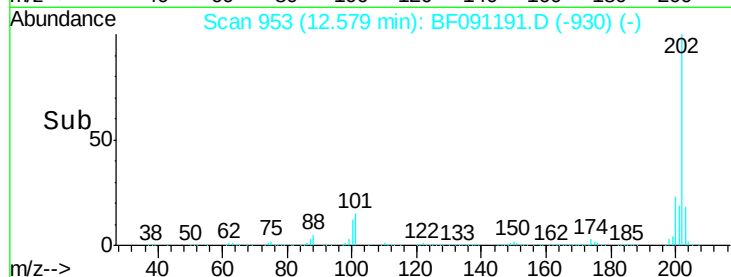
203 18.5 15.0 22.6



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: 90.08 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

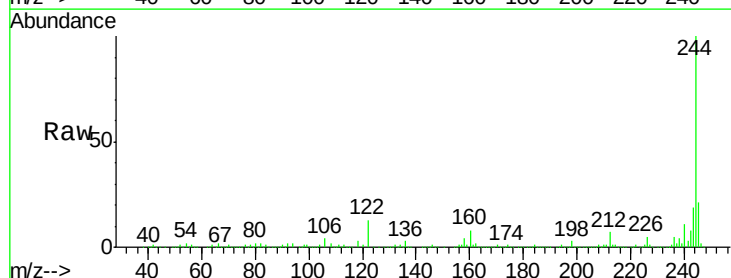
Tgt Ion:244 Resp: 2014548

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

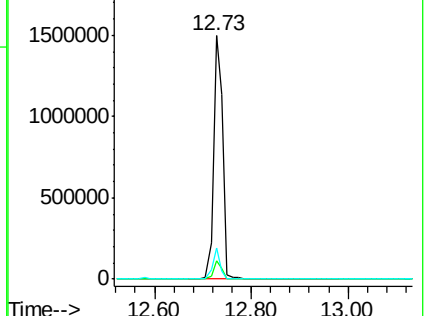
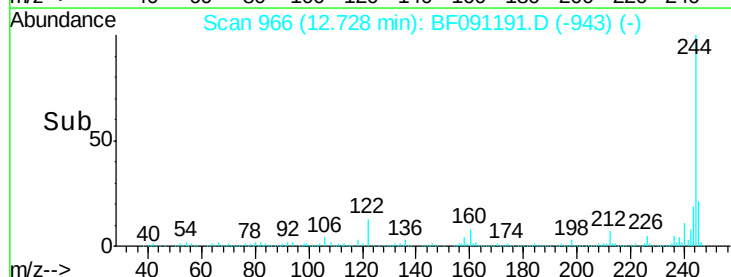
122 13.1 12.3 18.5

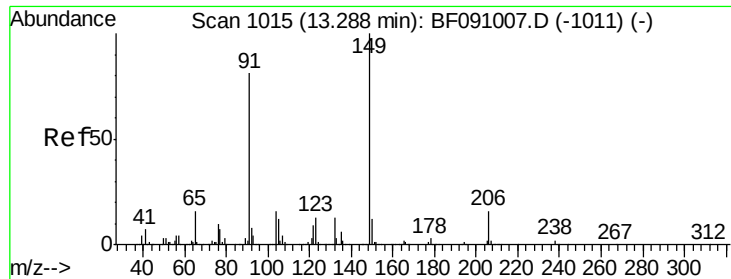


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

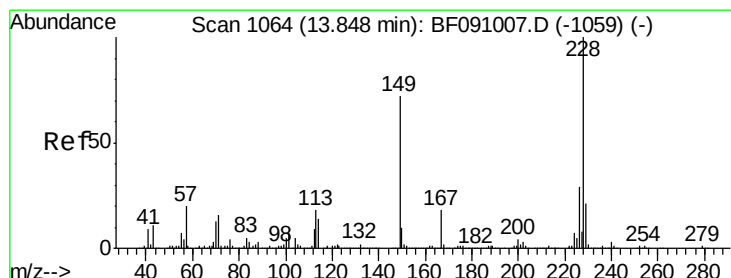
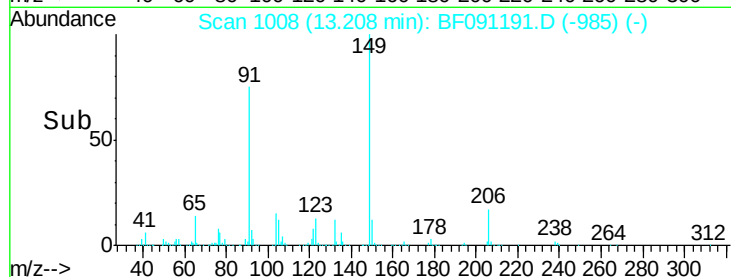
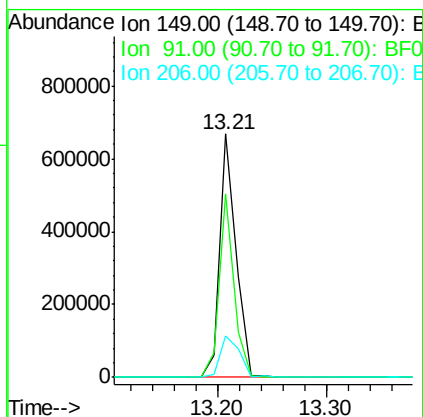
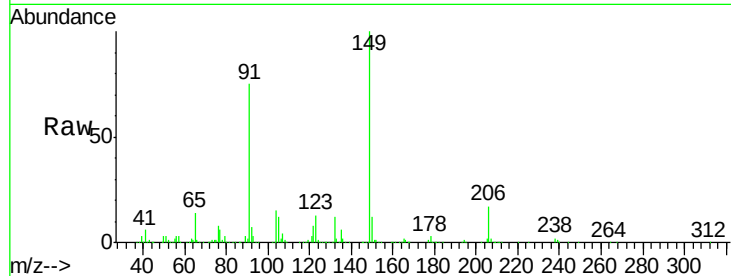




#79
Butylbenzylphthalate
Concen: 40.16 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

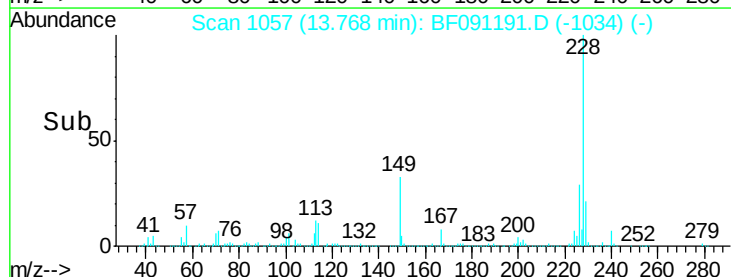
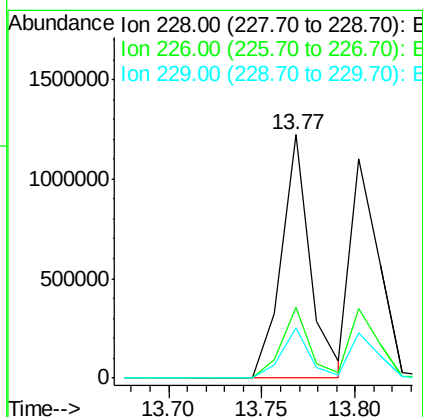
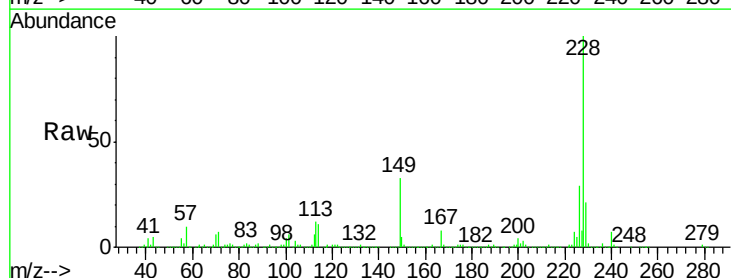
Instrument :
BNA_F
ClientSampleId :
PB94688BS

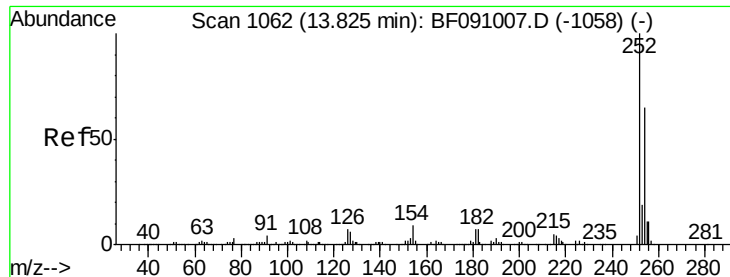
Tgt Ion:149 Resp: 702042
Ion Ratio Lower Upper
149 100
91 75.4 65.0 97.4
206 16.8 12.5 18.7



#80
Benzo(a)anthracene
Concen: 41.59 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091191.D
Acq: 16 Nov 2016 16:42

Tgt Ion:228 Resp: 1317974
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.6
229 20.7 16.6 24.8

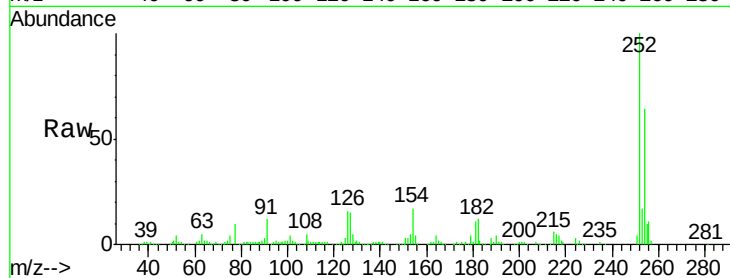




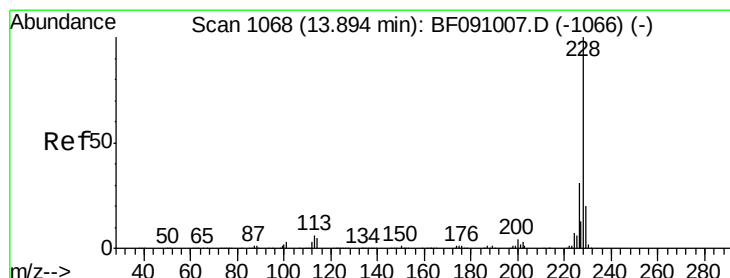
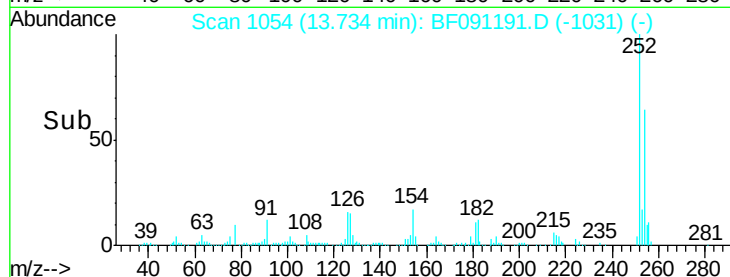
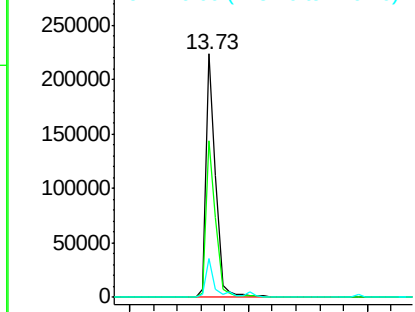
#81
 3,3'-Dichlorobenzidine
 Concen: 23.11 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

Tgt Ion:252 Resp: 257235
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.0 78.0
 126 15.7 5.4 8.2#

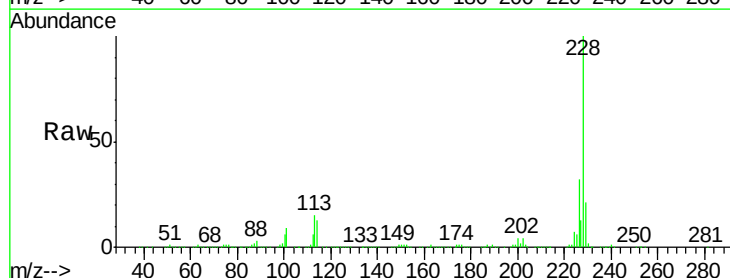


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

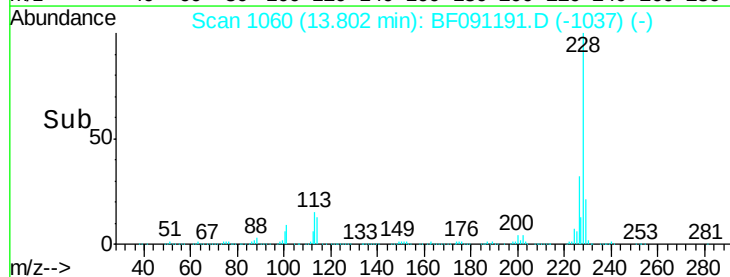
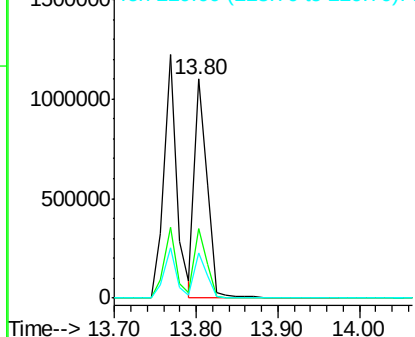


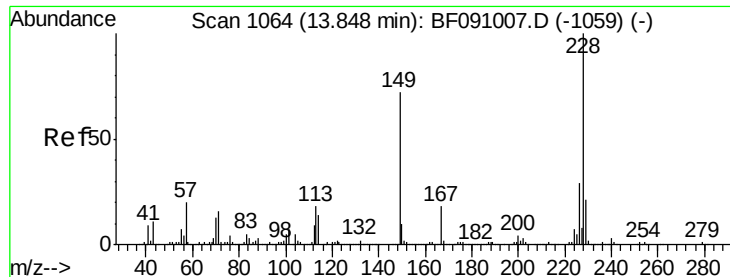
#82
 Chrysene
 Concen: 38.24 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:228 Resp: 1194916
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.9 15.9 23.9



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

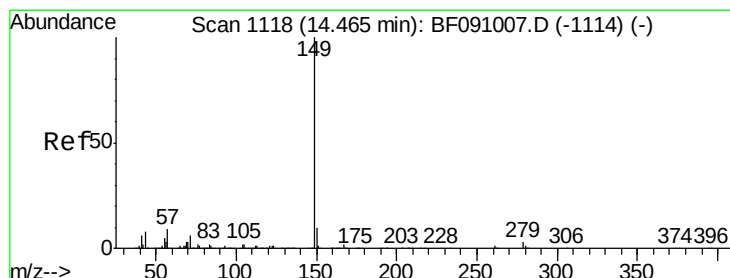
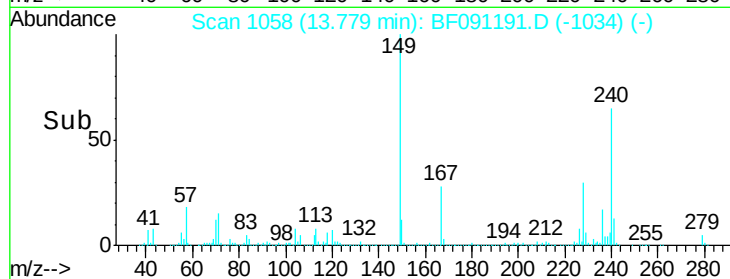
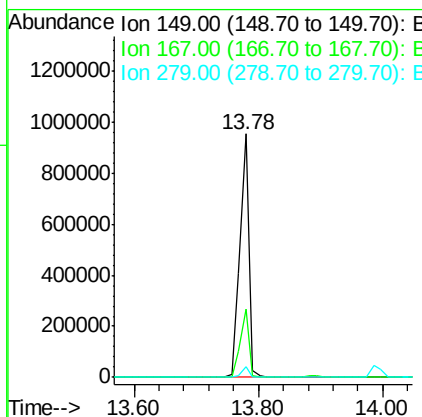
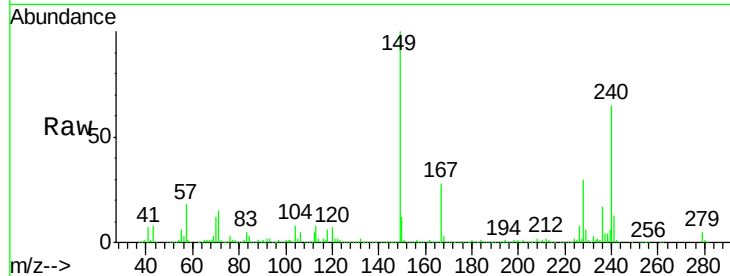




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.98 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

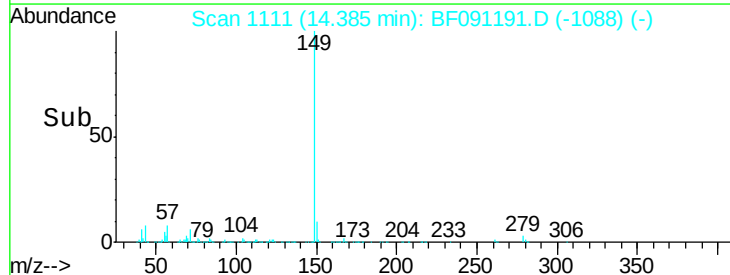
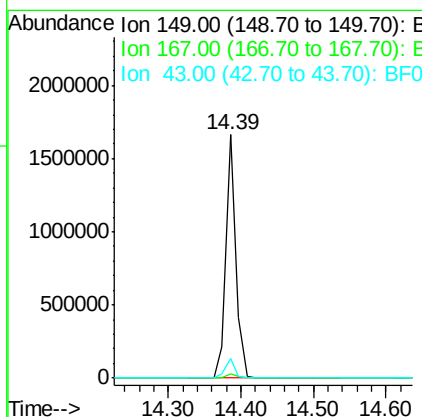
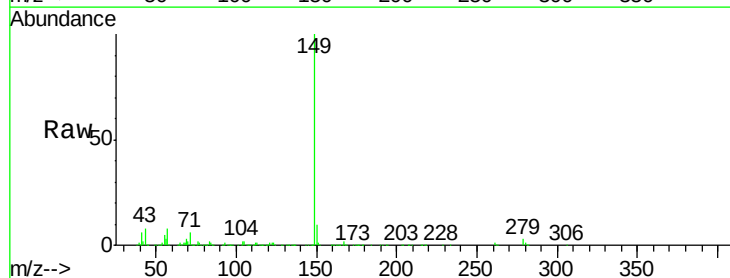
Instrument :
 BNA_F
 ClientSampleId :
 PB94688BS

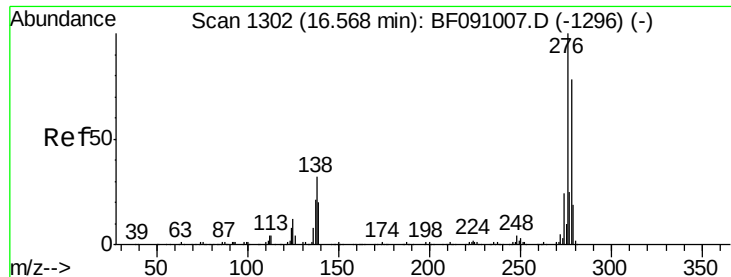
Tgt Ion:149 Resp: 969527
 Ion Ratio Lower Upper
 149 100
 167 28.2 20.4 30.6
 279 4.5 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 40.98 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091191.D
 Acq: 16 Nov 2016 16:42

Tgt Ion:149 Resp: 1594077
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 7.5 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.14 ng

RT: 16.42 min Scan# 1289

Delta R.T. -0.06 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

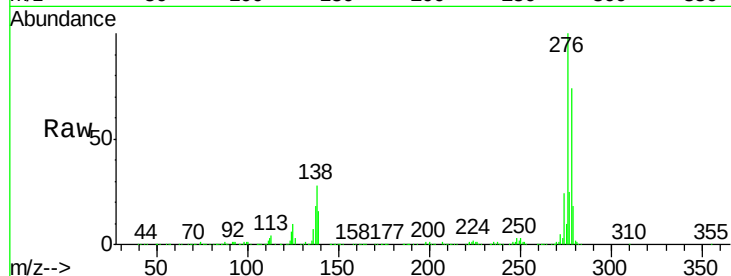
Tgt Ion:276 Resp: 988767

Ion Ratio Lower Upper

276 100

138 28.2 26.0 39.0

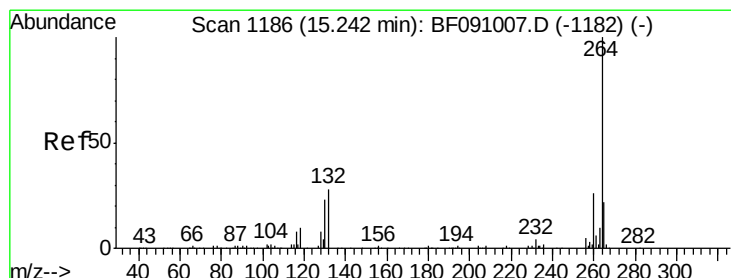
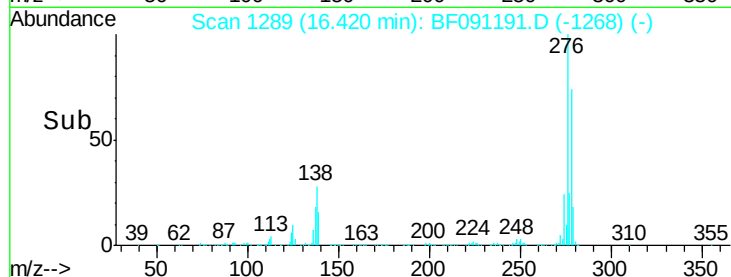
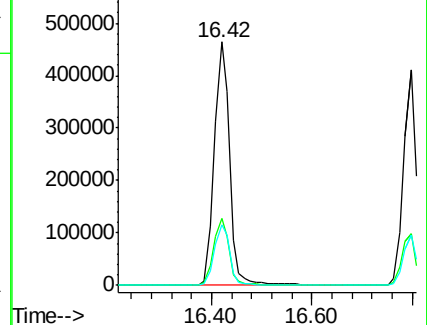
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1178

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

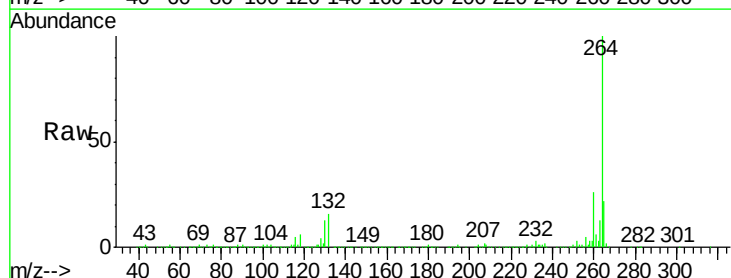
Tgt Ion:264 Resp: 423894

Ion Ratio Lower Upper

264 100

260 25.8 20.6 30.8

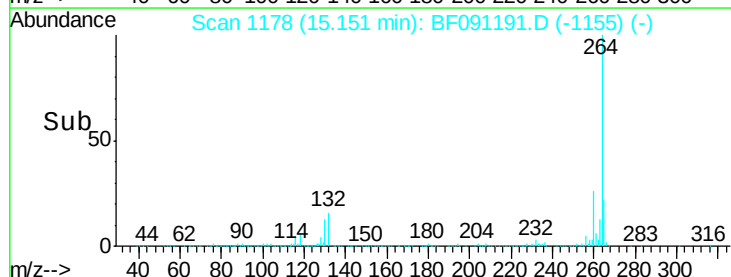
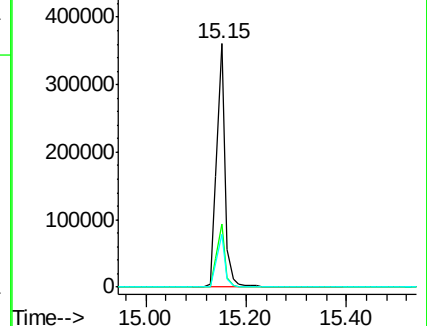
265 21.8 17.8 26.8

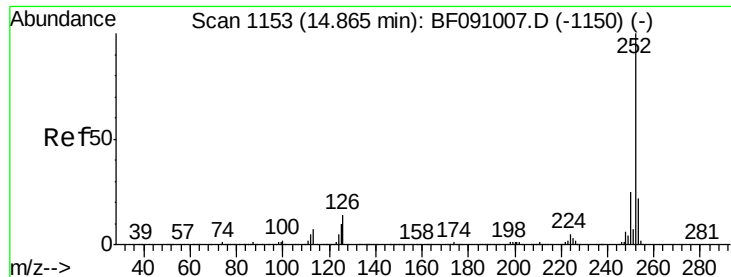


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 81.06 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampled :

PB94688BS

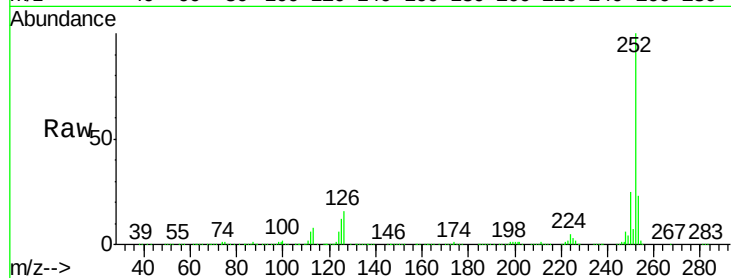
Tgt Ion:252 Resp: 2330592

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

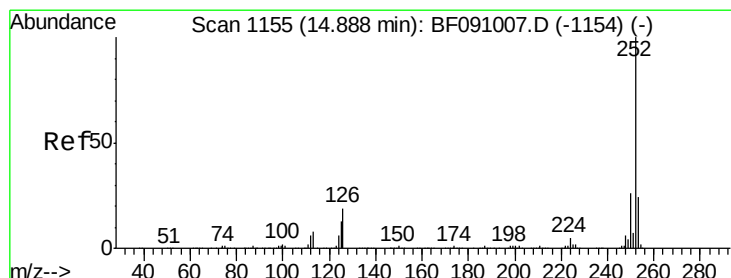
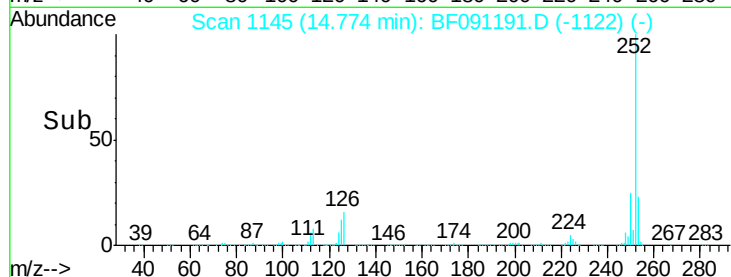
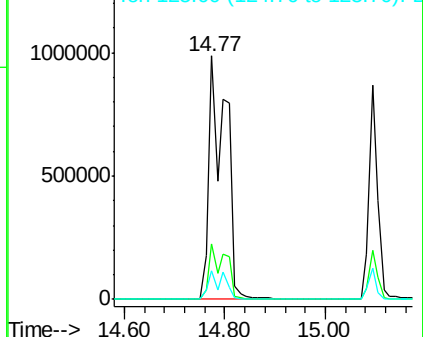
125 12.0 8.3 12.5



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: 92.47 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.06 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

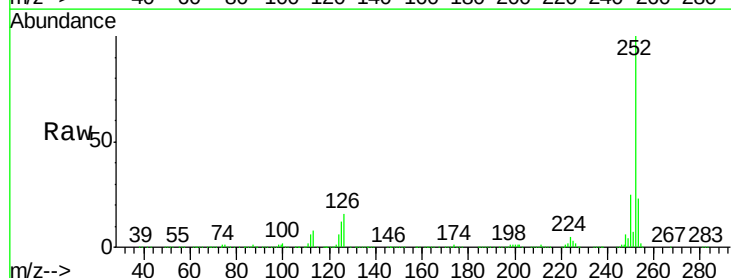
Tgt Ion:252 Resp: 2332070

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

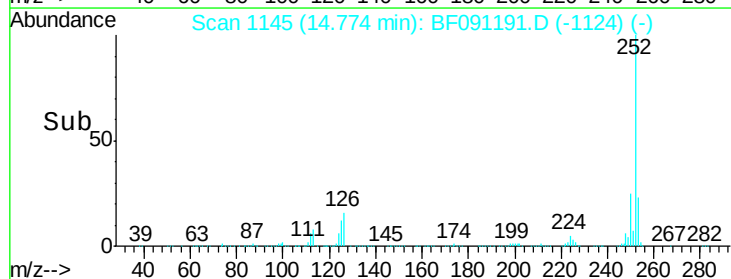
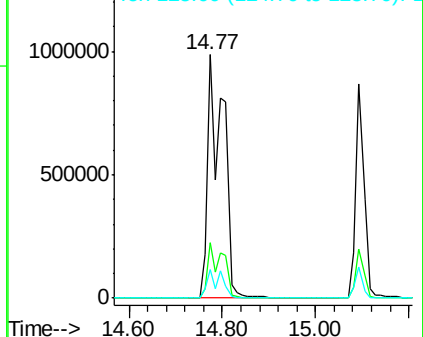
125 12.0 11.2 16.8

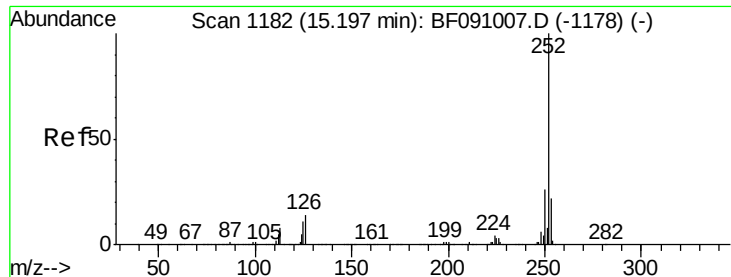


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.32 ng

RT: 15.09 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS

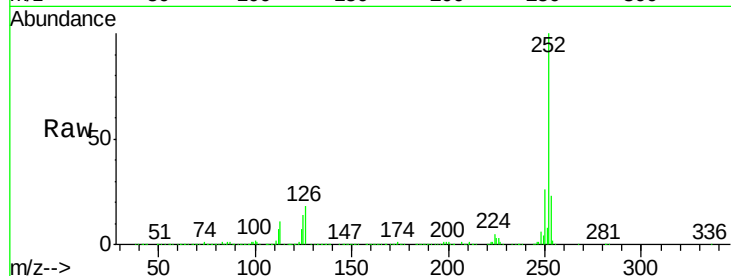
Tgt Ion:252 Resp: 1059135

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

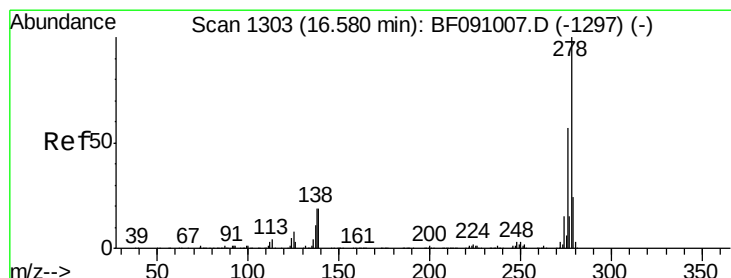
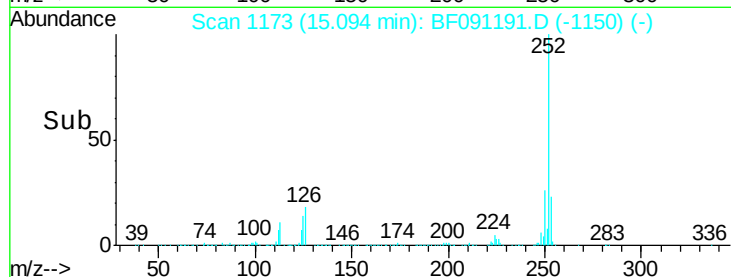
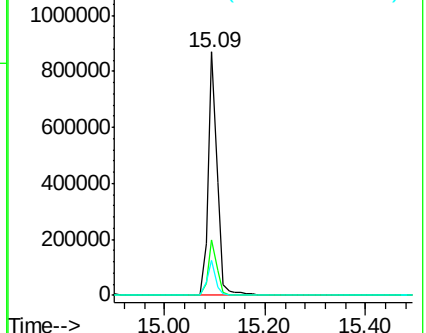
125 14.2 8.6 13.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 39.03 ng

RT: 16.43 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF091191.D

Acq: 16 Nov 2016 16:42

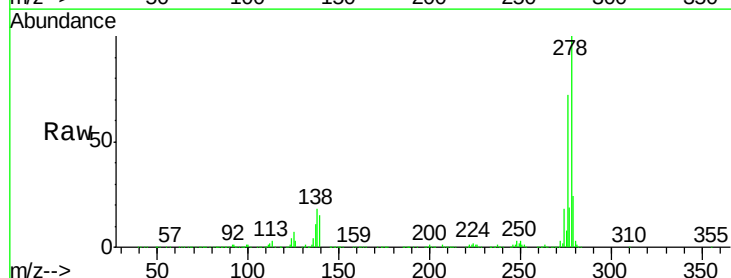
Tgt Ion:278 Resp: 844406

Ion Ratio Lower Upper

278 100

139 15.1 15.3 22.9#

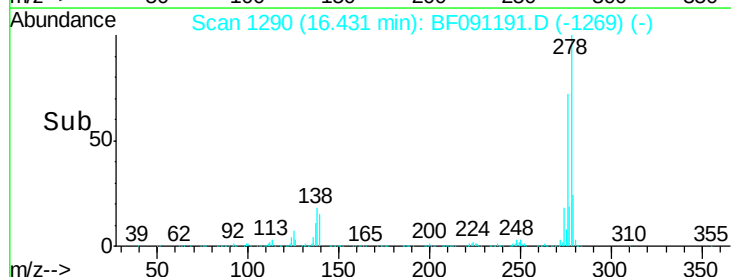
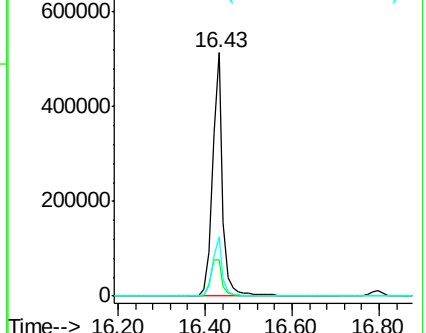
279 24.3 19.3 28.9

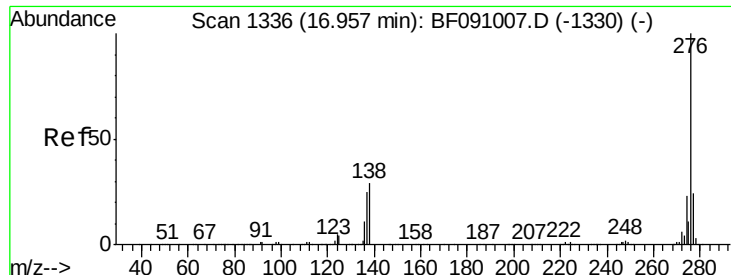


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.46 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091191.D

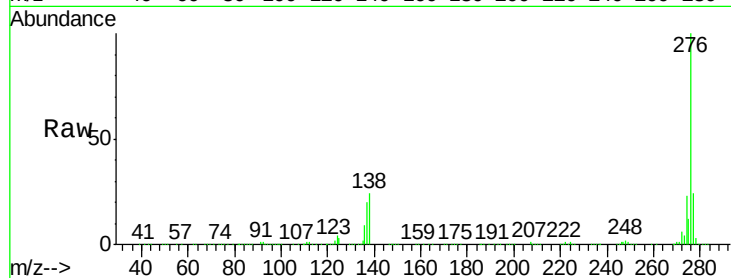
Acq: 16 Nov 2016 16:42

Instrument :

BNA_F

ClientSampleId :

PB94688BS



Tgt Ion:	276	Resp:	772147
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	23.7	23.3	34.9

