

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091204.D
 Acq On : 16 Nov 2016 22:39
 Operator : UM/SJ
 Sample : PB94754BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Quant Time: Nov 16 23:56:50 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	194620	20.00	ng	-0.03
21) Naphthalene-d8	7.92	136	846154	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	434851	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	702641	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	588389	20.00	ng	-0.03
86) Perylene-d12	15.15	264	426839	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1442673	122.43	ng	-0.02
7) Phenol-d6	6.28	99	1801301	112.62	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1183930	76.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	505197	128.51	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1986780	78.66	ng	-0.05
78) Terphenyl-d14	12.73	244	1926941	81.72	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	216862	32.17	ng	# 96
3) Pyridine	2.81	79	596412	37.82	ng	96
4) n-Nitrosodimethylamine	2.77	42	250176	40.11	ng	93
6) Aniline	6.29	93	291371	15.44	ng	# 1
8) 2-Chlorophenol	6.41	128	605175	43.05	ng	91
9) Benzaldehyde	6.18	77	45514	5.13	ng	93
10) Phenol	6.29	94	616213	34.81	ng	# 71
11) bis(2-Chloroethyl)ether	6.36	93	589688	39.53	ng	98
12) 1,3-Dichlorobenzene	6.56	146	598713	42.11	ng	96
13) 1,4-Dichlorobenzene	6.64	146	630572	41.34	ng	97
14) 1,2-Dichlorobenzene	6.78	146	554942	39.64	ng	97
15) Benzyl Alcohol	6.78	79	486851	43.15	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	721699	33.79	ng	# 40
17) 2-Methylphenol	6.91	107	475239	42.71	ng	# 93
18) Hexachloroethane	7.13	117	237157	40.17	ng	92
19) n-Nitroso-di-n-propylamine	7.06	70	469213	42.33	ng	# 88
20) 3+4-Methylphenols	7.06	107	633578	47.42	ng	91
22) Acetophenone	7.05	105	832397	42.73	ng	# 94
24) Nitrobenzene	7.22	77	670350	39.13	ng	93
25) Isophorone	7.46	82	1231338	41.20	ng	99
26) 2-Nitrophenol	7.54	139	312889	43.16	ng	# 69
27) 2,4-Dimethylphenol	7.58	122	509586	42.50	ng	97
28) bis(2-Chloroethoxy)methane	7.68	93	771403	47.24	ng	100
29) 2,4-Dichlorophenol	7.78	162	459943	43.96	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	521045	44.29	ng	98
31) Naphthalene	7.93	128	1665083	41.15	ng	99
32) Benzoic acid	7.76	122	273827	31.25	ng	97
33) 4-Chloroaniline	8.00	127	173471	10.31	ng	96
34) Hexachlorobutadiene	8.05	225	286286	45.08	ng	98
35) Caprolactam	8.38	113	96613	29.39	ng	# 60
36) 4-Chloro-3-methylphenol	8.50	107	472667	37.31	ng	94
37) 2-Methylnaphthalene	8.62	142	990727	38.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	502664	45.34	ng	98
40) Hexachlorocyclopentadiene	8.78	237	400792	92.07	ng	98

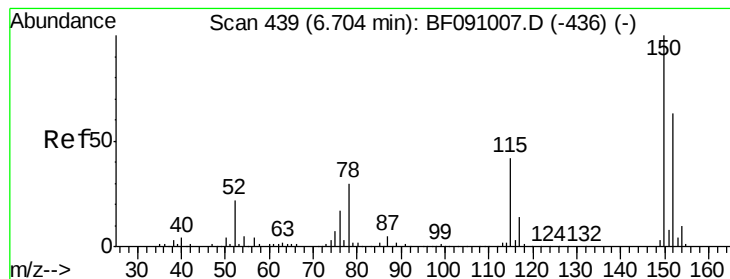
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091204.D
 Acq On : 16 Nov 2016 22:39
 Operator : UM/SJ
 Sample : PB94754BS
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Quant Time: Nov 16 23:56:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS 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)
42) 2,4,6-Trichlorophenol	8.92	196	301593	42.14	ng	97
43) 2,4,5-Trichlorophenol	8.97	196	338453	45.04	ng #	94
45) 1,1'-Biphenyl	9.09	154	1267777	39.93	ng	97
46) 2-Chloronaphthalene	9.12	162	1014363	42.08	ng	97
47) 2-Nitroaniline	9.22	65	280455	31.35	ng	98
48) Acenaphthylene	9.53	152	1448495	38.56	ng	100
49) Dimethylphthalate	9.40	163	1149612	40.32	ng	100
50) 2,6-Dinitrotoluene	9.47	165	287934	47.12	ng #	56
51) Acenaphthene	9.70	154	927553	39.33	ng	100
52) 3-Nitroaniline	9.63	138	107453	14.83	ng	97
53) 2,4-Dinitrophenol	9.74	184	160489	50.70	ng #	75
54) Dibenzofuran	9.87	168	1285953	40.50	ng	96
55) 4-Nitrophenol	9.82	139	302339	63.89	ng #	81
56) 2,4-Dinitrotoluene	9.87	165	303724	39.06	ng #	82
57) Fluorene	10.21	166	1052792	40.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	275292	46.76	ng	92
59) Diethylphthalate	10.10	149	1134974	38.82	ng	98
60) 4-Chlorophenyl-phenylether	10.21	204	501674	42.47	ng	93
61) 4-Nitroaniline	10.25	138	249450	34.03	ng	98
62) Azobenzene	10.36	77	1177259	34.21	ng	89
64) 4,6-Dinitro-2-methylphenol	10.28	198	155022	36.03	ng	66
65) n-Nitrosodiphenylamine	10.33	169	919755	41.18	ng	100
66) 4-Bromophenyl-phenylether	10.69	248	336424	46.03	ng #	81
67) Hexachlorobenzene	10.76	284	403415	50.05	ng #	83
68) Atrazine	10.86	200	271663	42.16	ng	97
69) Pentachlorophenol	10.96	266	295403	82.74	ng	98
70) Phenanthrene	11.17	178	1623550	43.47	ng	99
71) Anthracene	11.22	178	1505946	37.92	ng	100
72) Carbazole	11.38	167	1279839	35.76	ng	99
73) Di-n-butylphthalate	11.72	149	1842812	40.94	ng	100
74) Fluoranthene	12.35	202	1478443	38.16	ng	95
76) Benzidine	12.49	184	396452	30.16	ng	97
77) Pyrene	12.58	202	1584548	41.12	ng	100
79) Butylbenzylphthalate	13.21	149	709971	38.52	ng	91
80) Benzo(a)anthracene	13.77	228	1370734	41.03	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	259445	22.11	ng #	97
82) Chrysene	13.80	228	1209335	36.71	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	983523	39.43	ng #	93
84) Di-n-octyl phthalate	14.39	149	1751996	42.72	ng	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1027260	37.59	ng	96
87) Benzo(b)fluoranthene	14.77	252	2330047	80.49	ng	98
88) Benzo(k)fluoranthene	14.77	252	2332546	91.85	ng	97
89) Benzo(a)pyrene	15.09	252	1056828	41.93	ng	97
90) Dibenzo(a,h)anthracene	16.43	278	877864	40.29	ng #	94
91) Benzo(g,h,i)perylene	16.80	276	807918	41.00	ng #	93

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

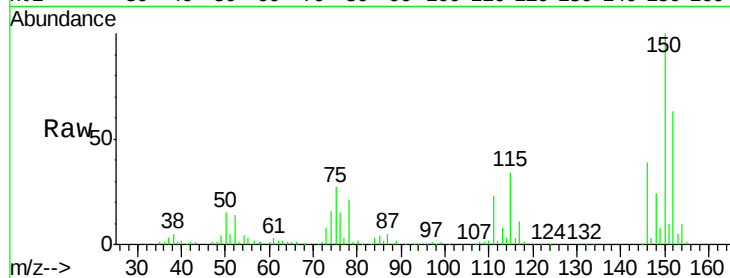


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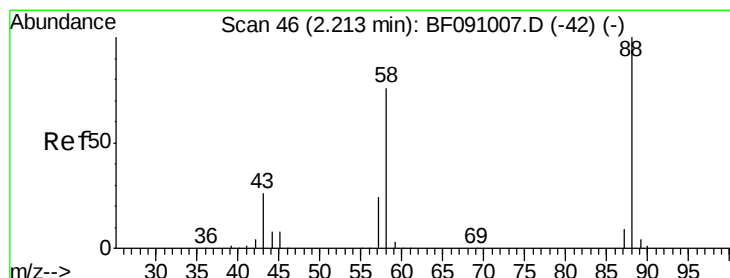
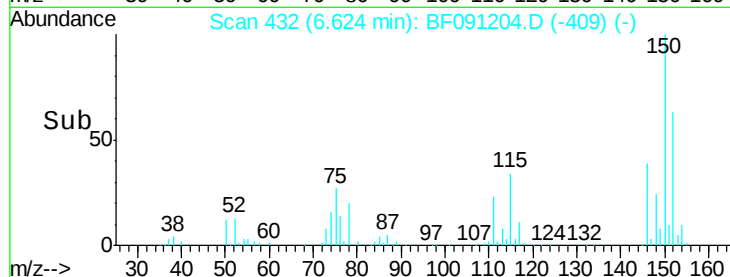
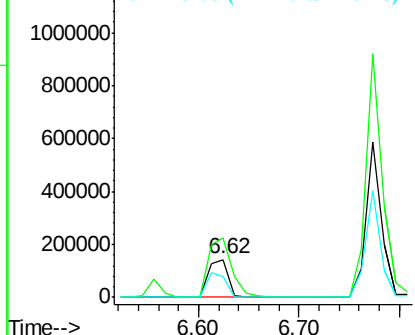
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion:152 Resp: 194620
Ion Ratio Lower Upper
152 100
150 159.4 126.8 190.2
115 54.6 53.3 79.9



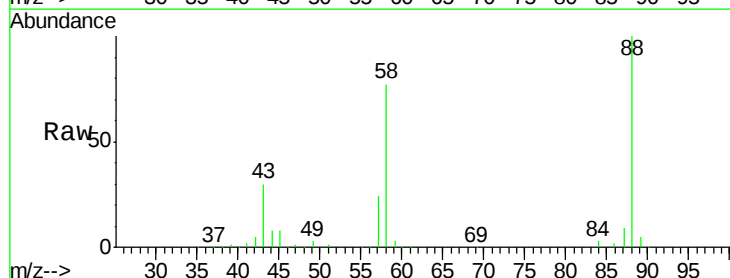
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



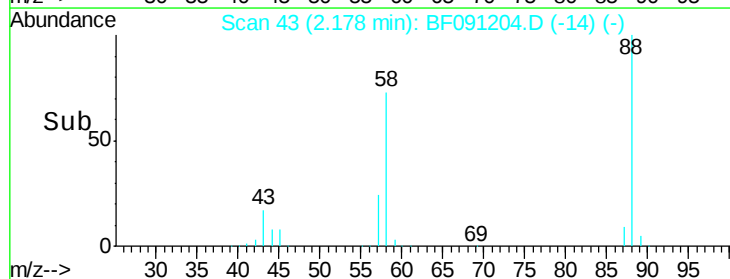
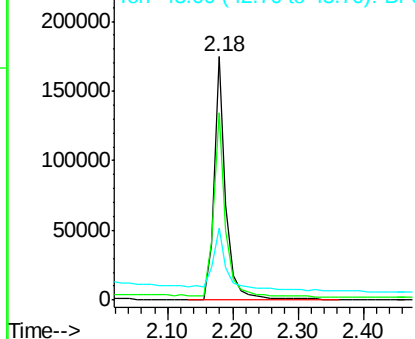
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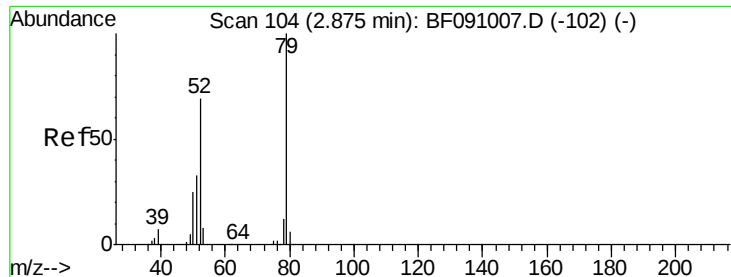
1,4-Dioxane
Concen: 32.17 ng
RT: 2.18 min Scan# 43
Delta R.T. 0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion: 88 Resp: 216862
Ion Ratio Lower Upper
88 100
58 79.1 63.8 95.6
43 35.0 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: 37.82 ng

RT: 2.81 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

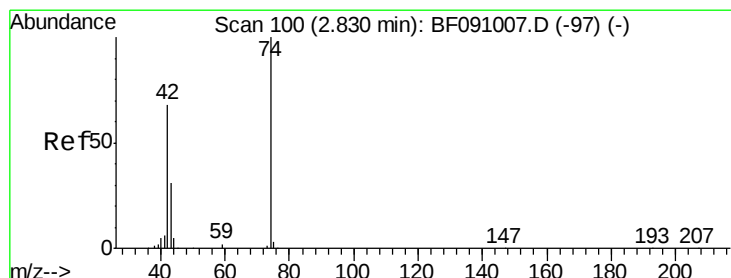
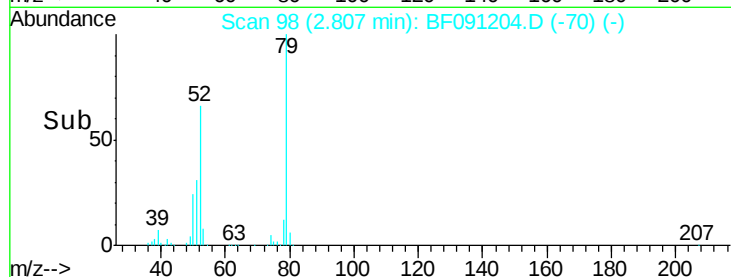
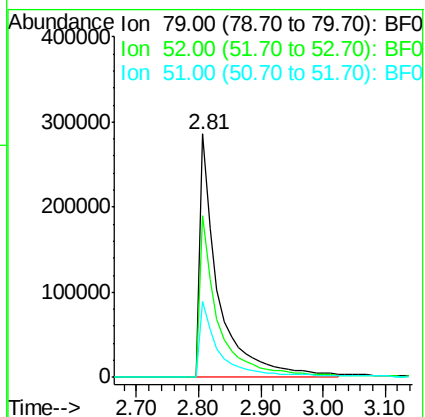
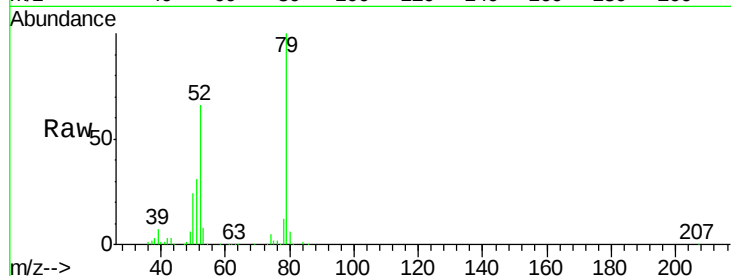
Tgt Ion: 79 Resp: 596412

Ion Ratio Lower Upper

79 100

52 66.3 55.4 83.0

51 31.4 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 40.11 ng

RT: 2.77 min Scan# 95

Delta R.T. 0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

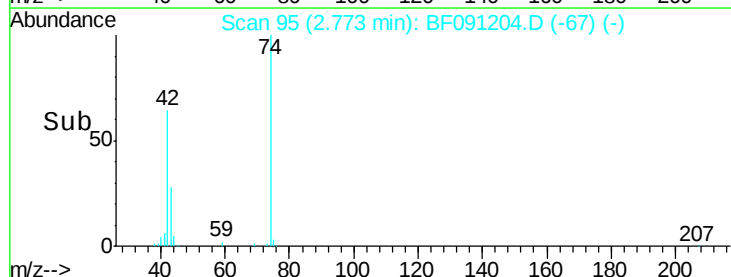
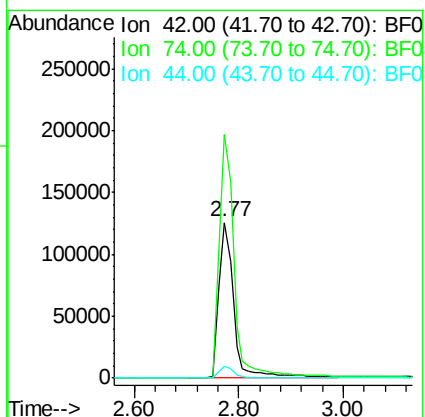
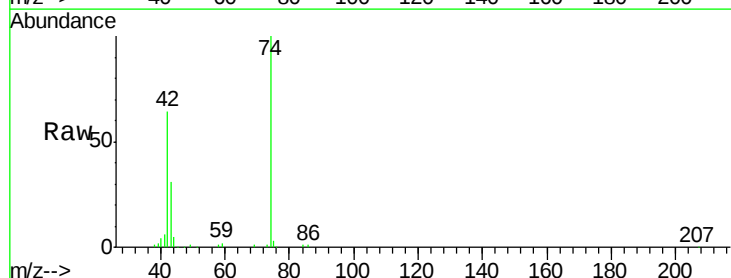
Tgt Ion: 42 Resp: 250176

Ion Ratio Lower Upper

42 100

74 156.2 117.3 175.9

44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 122.43 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

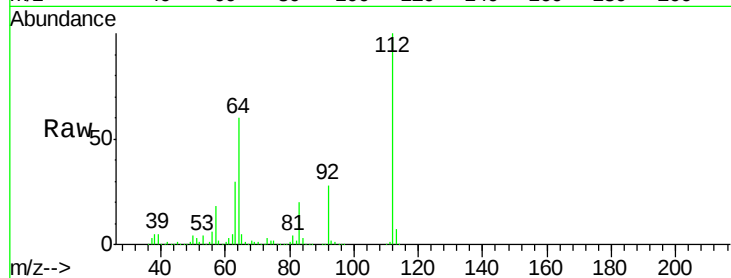
Tgt Ion: 112 Resp: 1442673

Ion Ratio Lower Upper

112 100

64 60.2 55.8 83.6

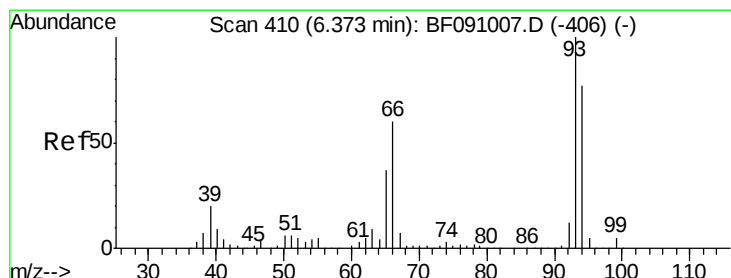
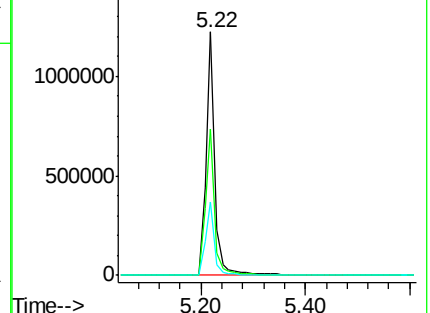
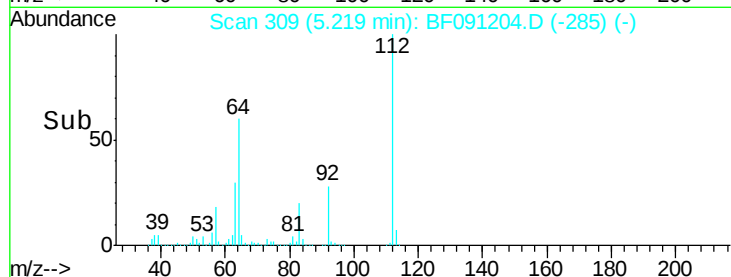
63 30.4 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.44 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

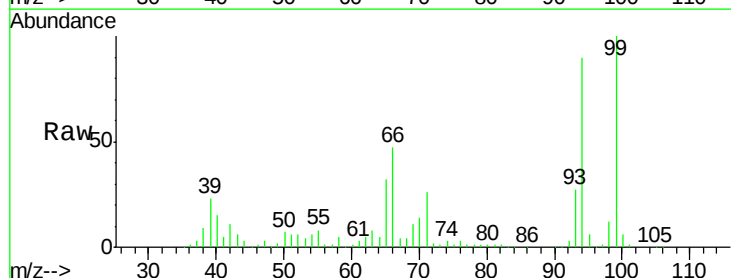
Tgt Ion: 93 Resp: 291371

Ion Ratio Lower Upper

93 100

66 175.5 48.2 72.2#

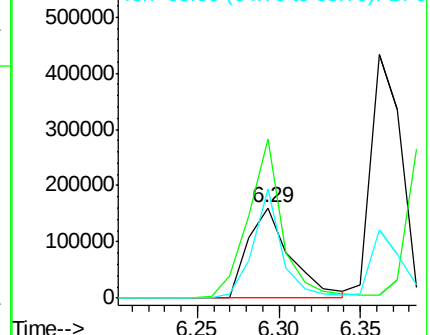
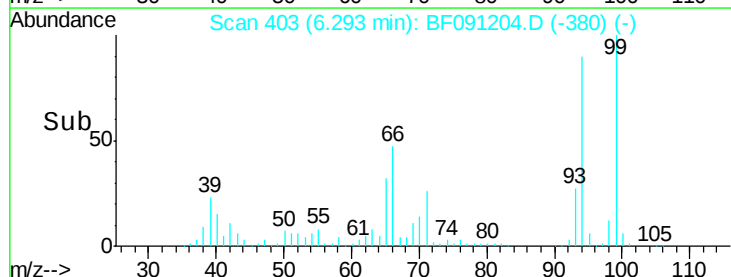
65 119.9 29.4 44.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.62 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

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ClientSampleId :

PB94754BS

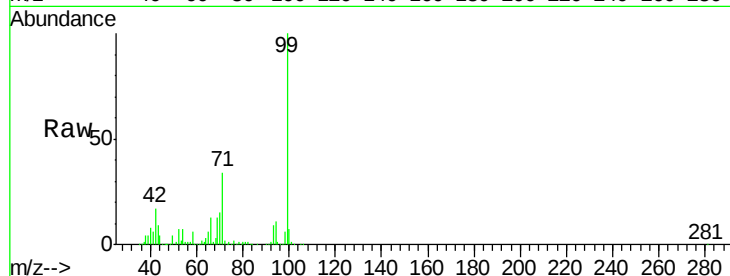
Tgt Ion: 99 Resp: 1801301

Ion Ratio Lower Upper

99 100

42 16.6 13.9 20.9

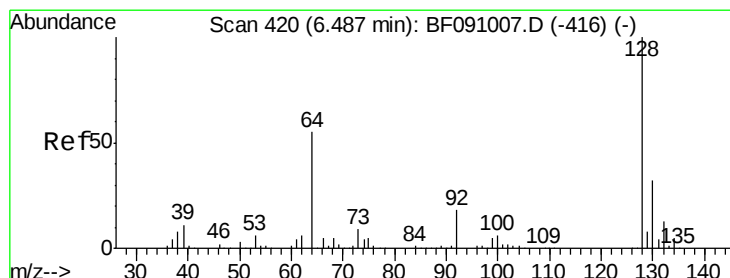
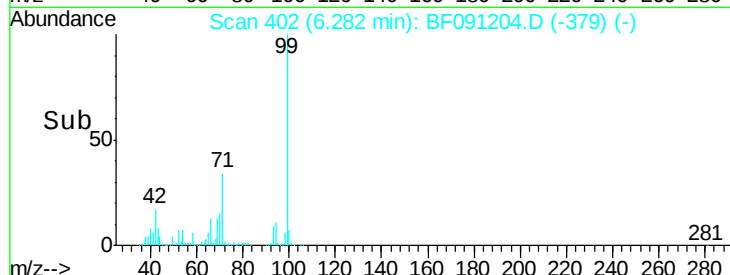
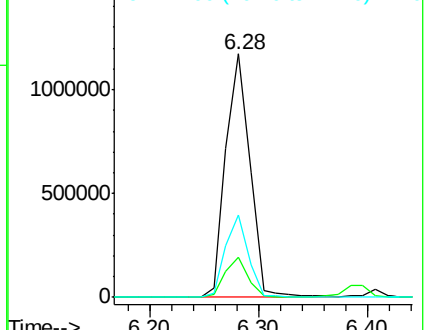
71 33.6 27.8 41.8



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: 43.05 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

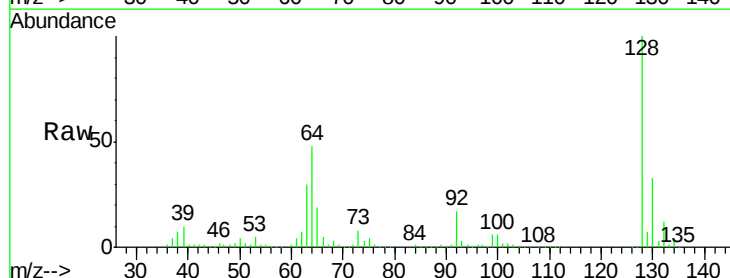
Tgt Ion: 128 Resp: 605175

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

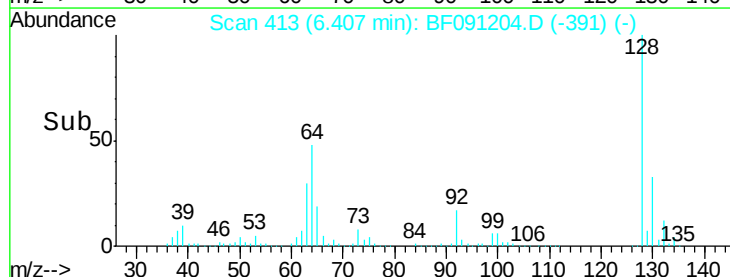
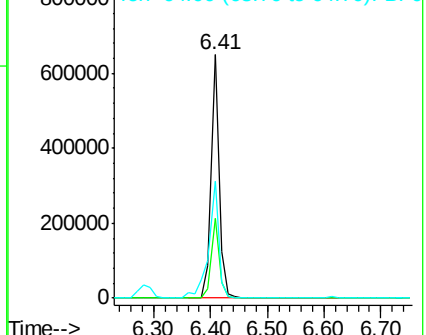
64 47.8 37.2 77.2

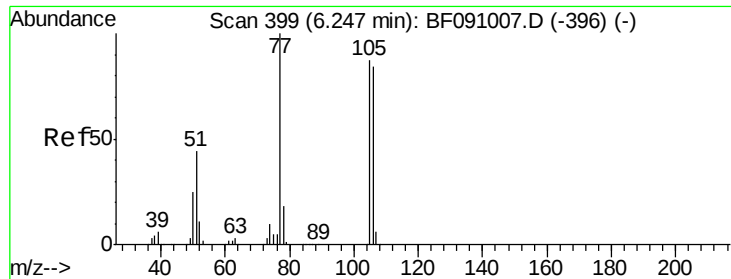


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.13 ng

RT: 6.18 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

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PB94754BS

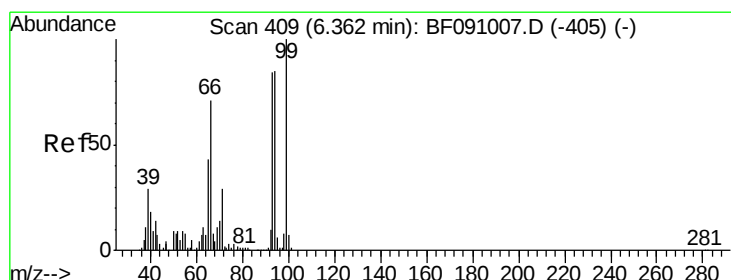
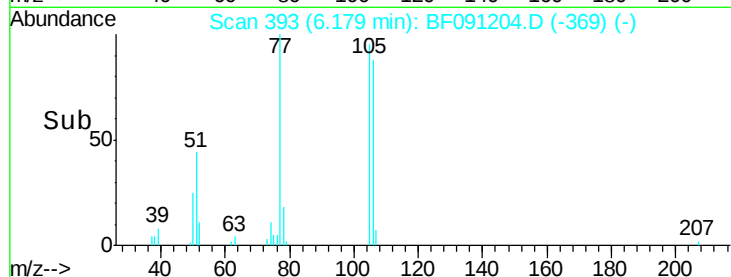
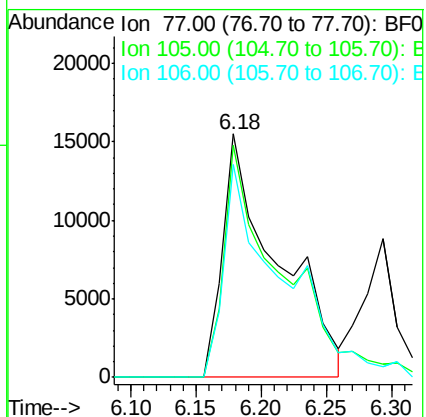
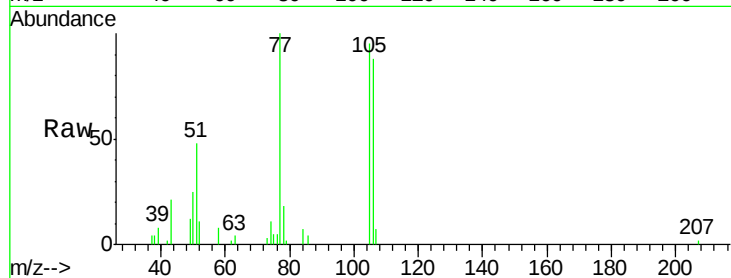
Tgt Ion: 77 Resp: 45514

Ion Ratio Lower Upper

77 100

105 95.2 66.8 106.8

106 87.6 64.0 104.0



#10

Phenol

Concen: 34.81 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

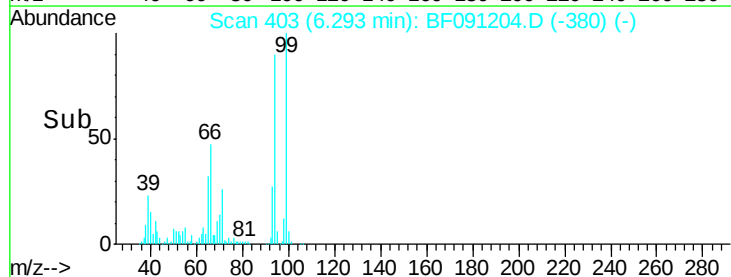
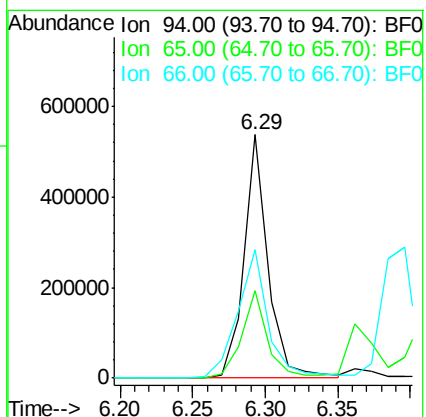
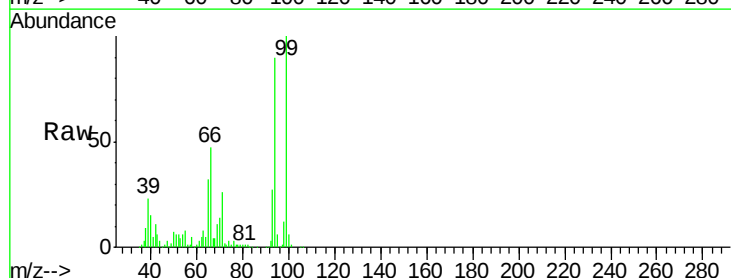
Tgt Ion: 94 Resp: 616213

Ion Ratio Lower Upper

94 100

65 35.9 30.4 70.4

66 52.6 62.9 102.9#

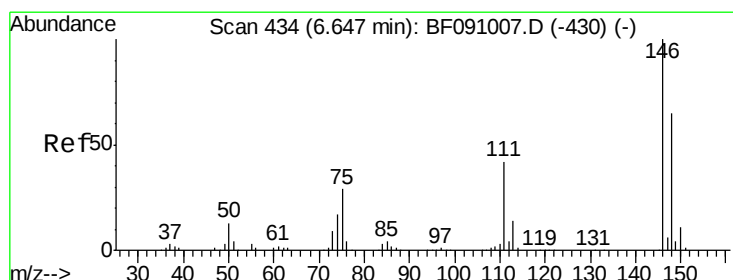
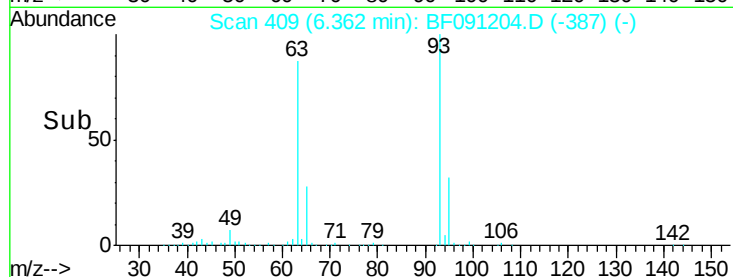
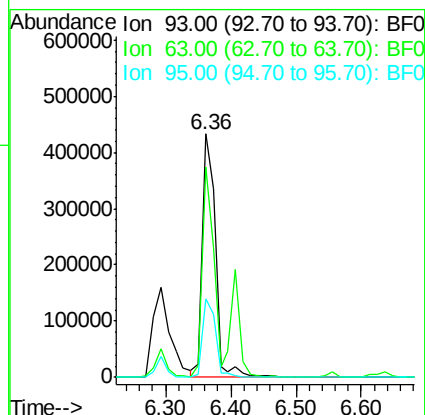
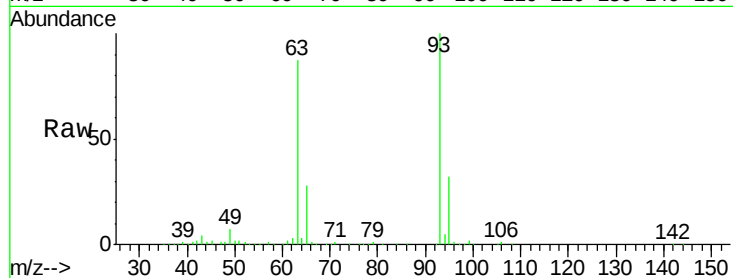




#11
bis(2-Chloroethyl)ether
Concen: 39.53 ng
RT: 6.36 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

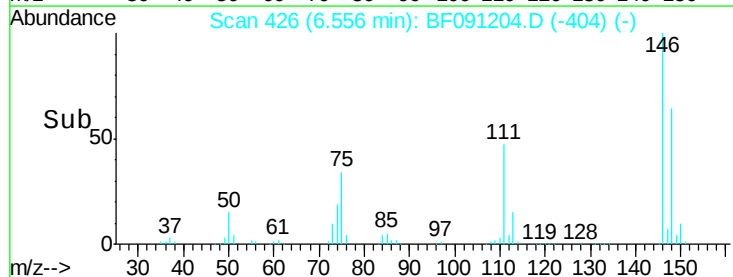
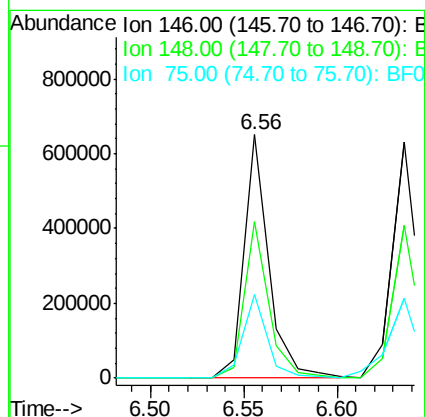
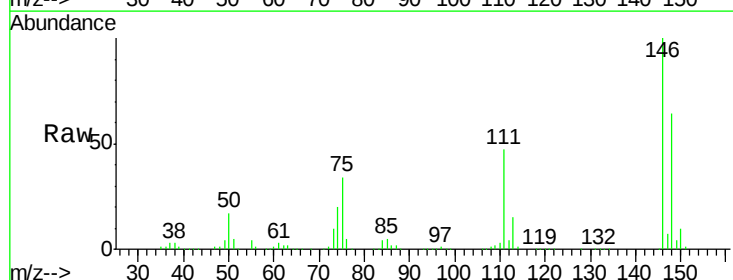
Instrument :
BNA_F
ClientSampleId :
PB94754BS

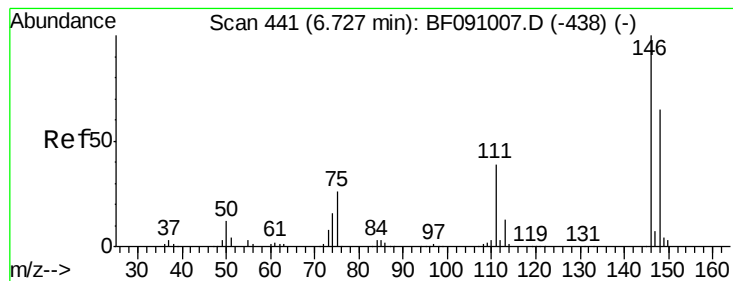
Tgt Ion: 93 Resp: 589688
Ion Ratio Lower Upper
93 100
63 86.6 68.9 108.9
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.11 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion: 146 Resp: 598713
Ion Ratio Lower Upper
146 100
148 64.3 52.0 78.0
75 34.4 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 41.34 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

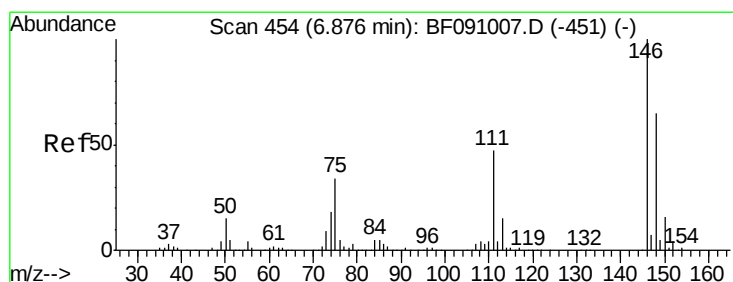
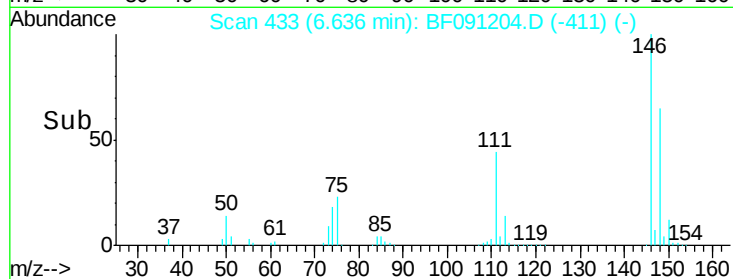
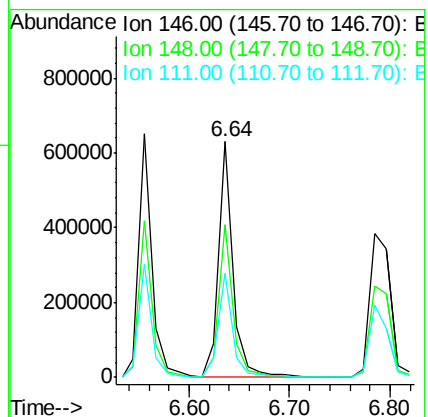
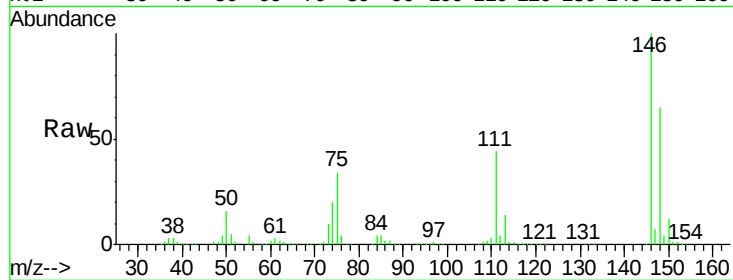
Tgt Ion:146 Resp: 630572

Ion Ratio Lower Upper

146 100

148 64.6 52.1 78.1

111 44.3 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 39.64 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.05 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

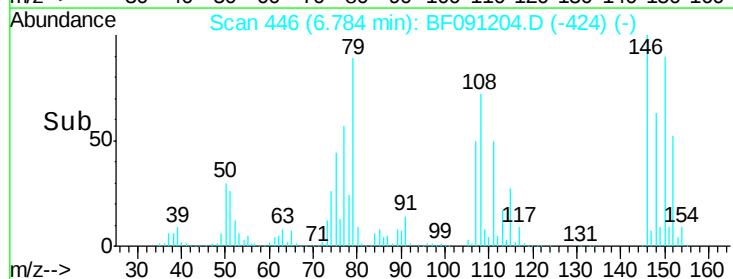
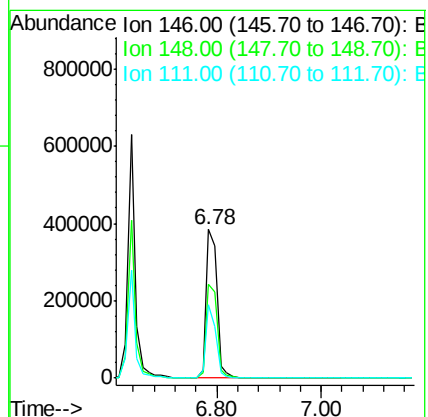
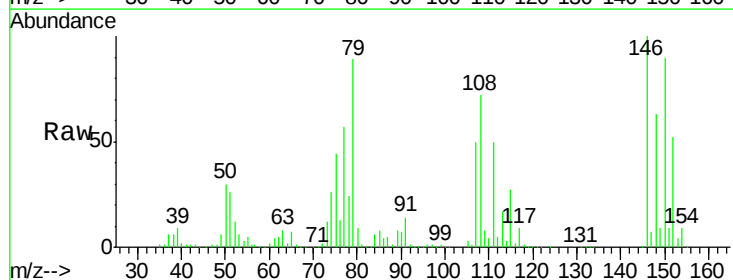
Tgt Ion:146 Resp: 554942

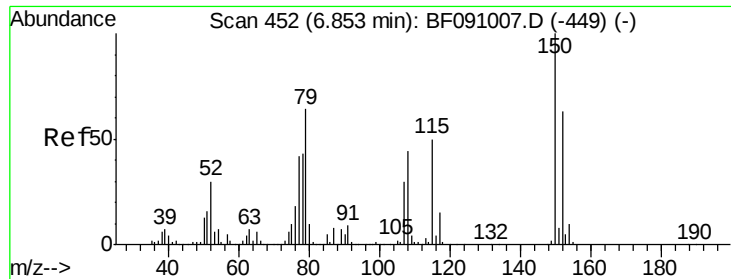
Ion Ratio Lower Upper

146 100

148 63.1 51.6 77.4

111 49.8 37.3 55.9





#15

Benzyl Alcohol

Concen: 43.15 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

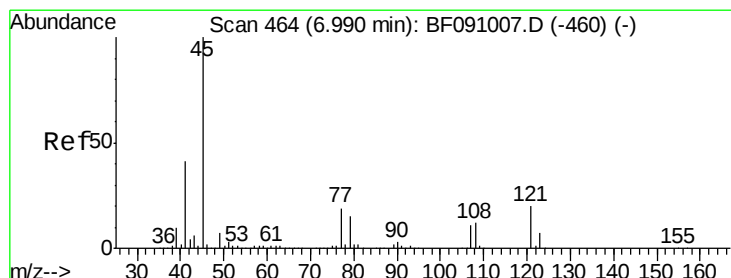
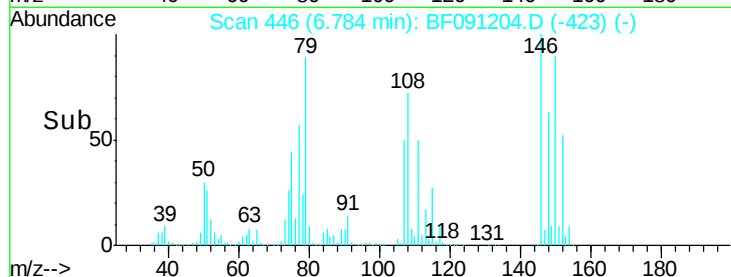
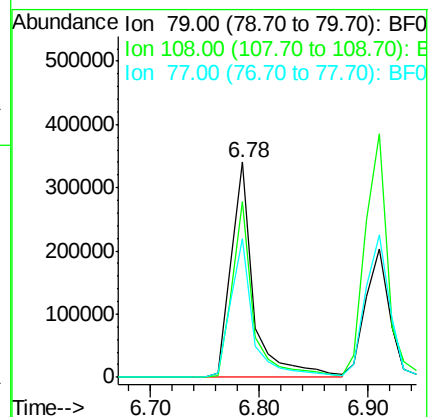
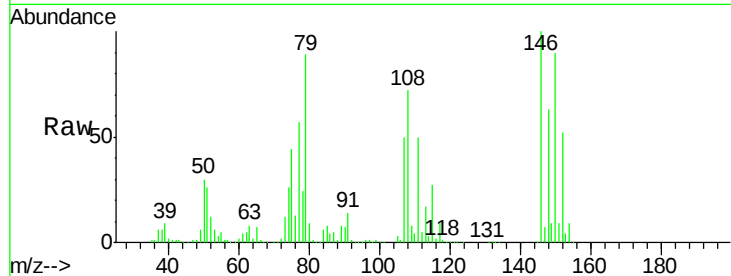
Tgt Ion: 79 Resp: 486851

Ion Ratio Lower Upper

79 100

108 81.8 55.7 83.5

77 64.2 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.79 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

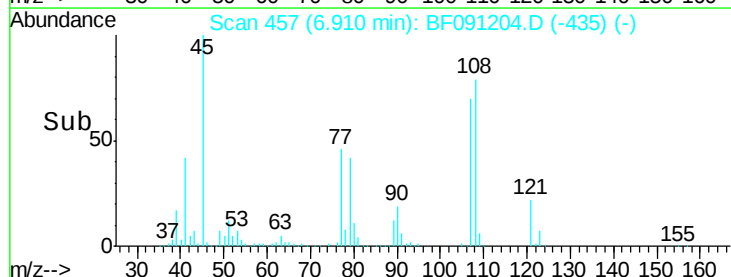
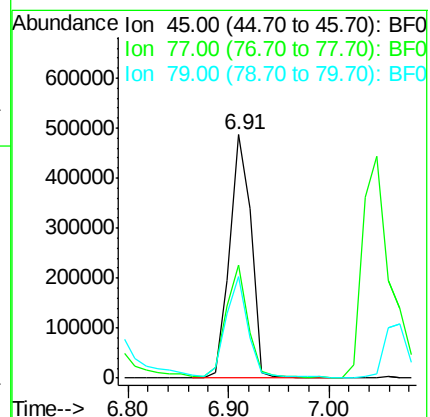
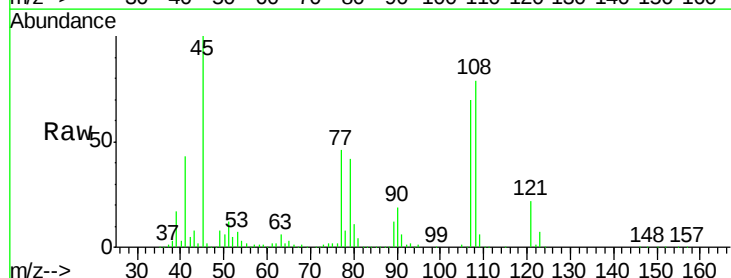
Tgt Ion: 45 Resp: 721699

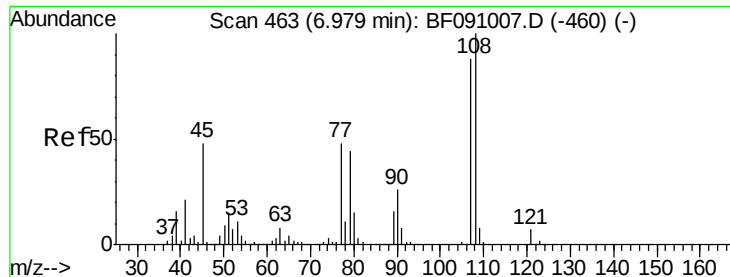
Ion Ratio Lower Upper

45 100

77 46.3 0.0 39.6#

79 41.8 0.0 35.9#

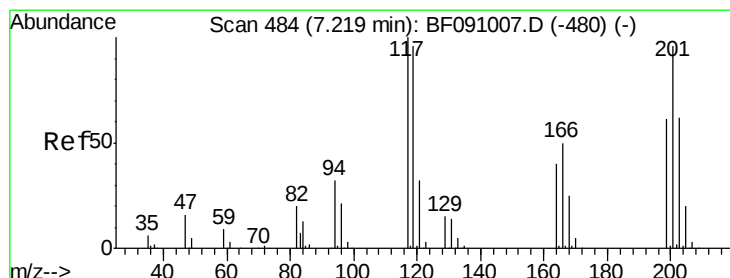
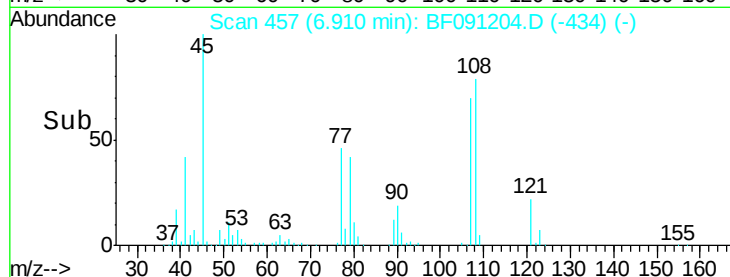
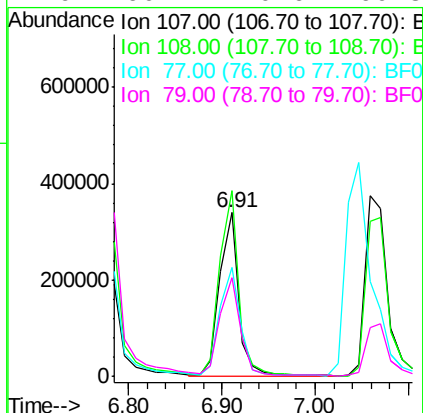
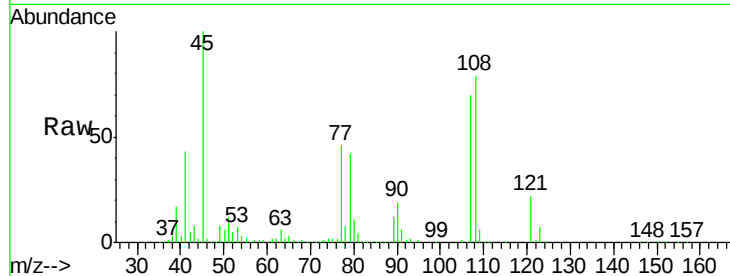




#17
2-Methylphenol
Concen: 42.71 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

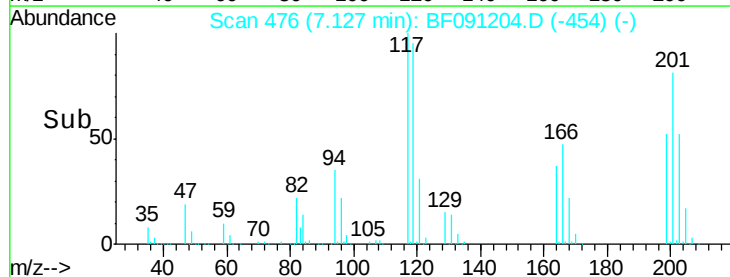
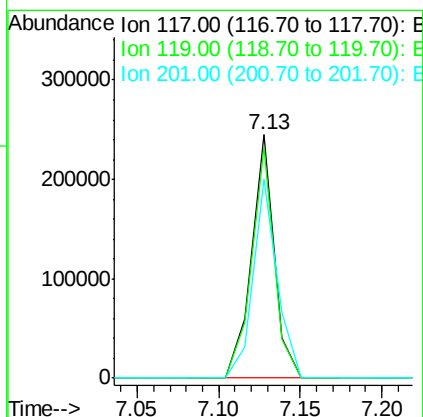
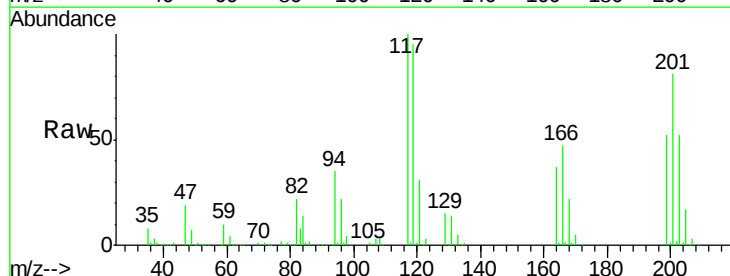
Instrument :
BNA_F
ClientSampleId :
PB94754BS

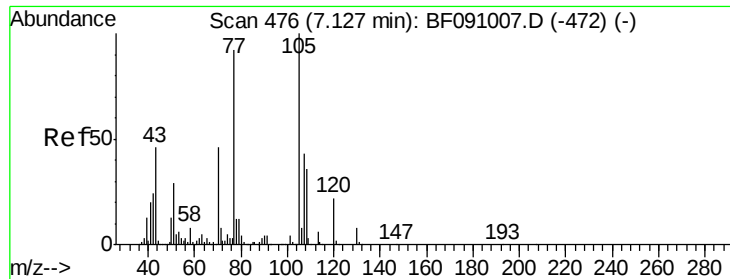
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.0	136.6
77	66.5	43.8	65.8
79	60.1	40.6	60.8



#18
Hexachloroethane
Concen: 40.17 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
201	81.4	77.1	115.7

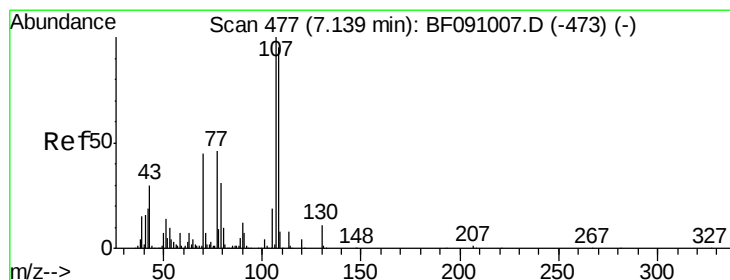
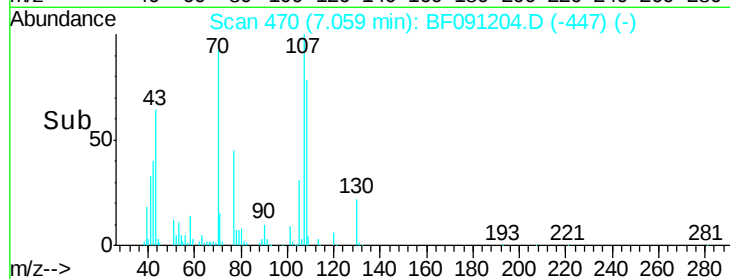
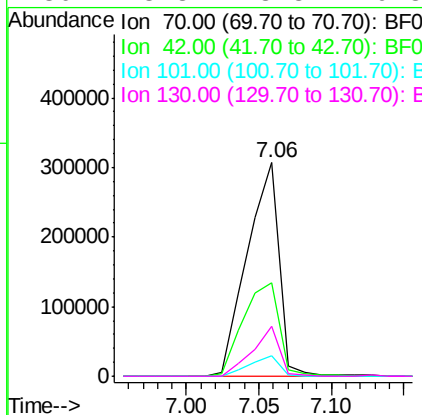
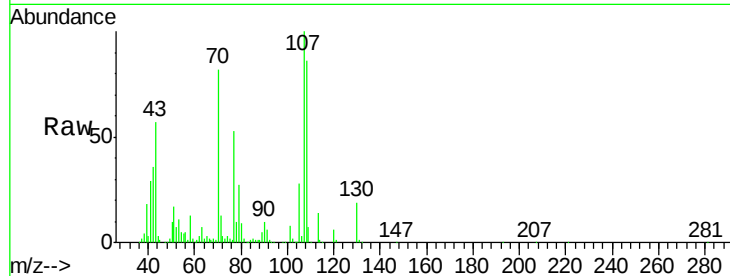




#19
n-Nitroso-di-n-propylamine
Concen: 42.33 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

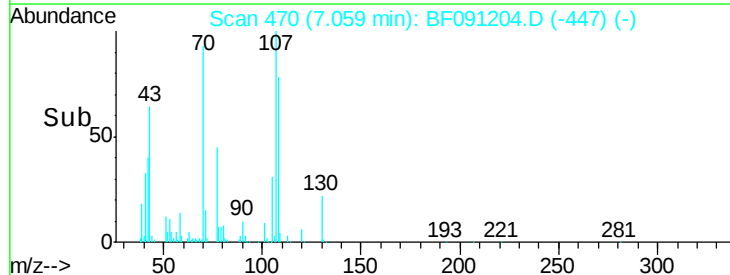
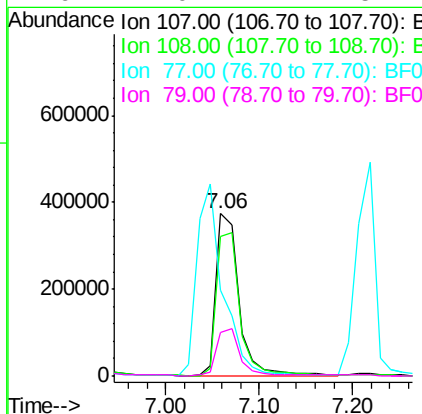
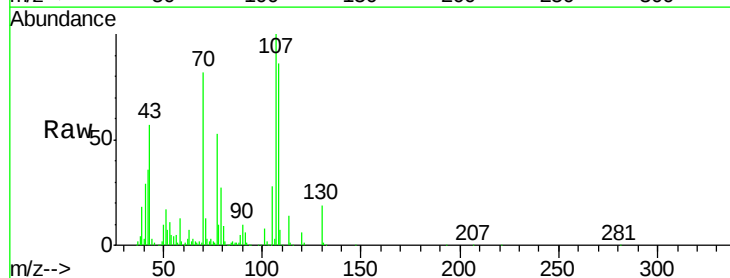
Instrument :
BNA_F
ClientSampleId :
PB94754BS

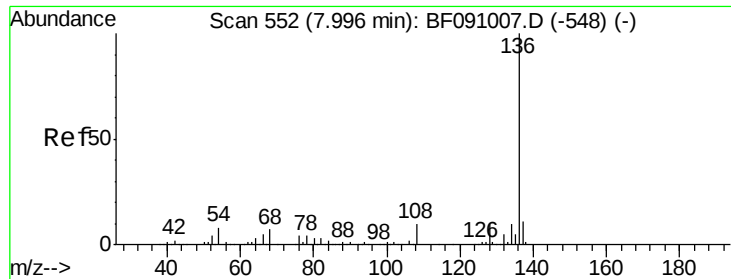
Tgt Ion: 70 Resp: 469213
Ion Ratio Lower Upper
70 100
42 43.5 41.7 62.5
101 9.7 6.7 10.1
130 23.3 13.8 20.8#



#20
3+4-Methylphenols
Concen: 47.42 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion: 107 Resp: 633578
Ion Ratio Lower Upper
107 100
108 85.9 75.5 115.5
77 52.6 26.4 66.4
79 27.0 11.1 51.1

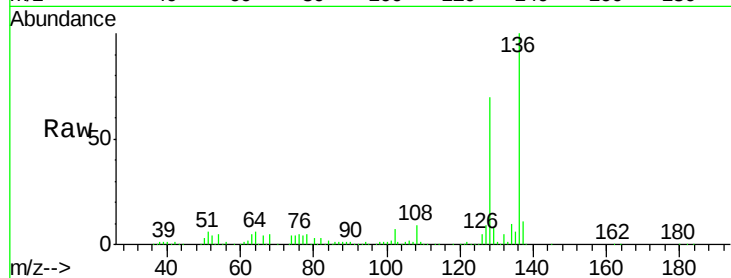




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion:	136	Resp:	846154
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.5	6.2	9.2#
68	5.1	5.5	8.3#



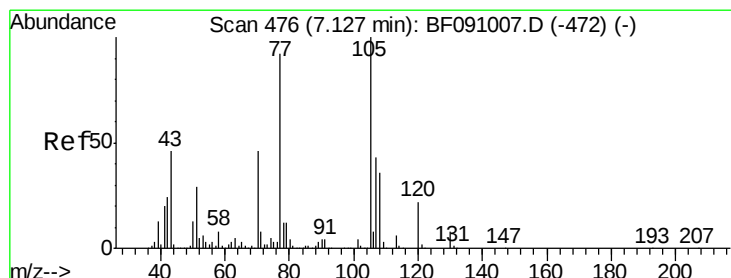
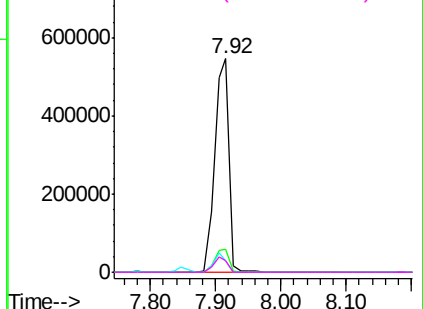
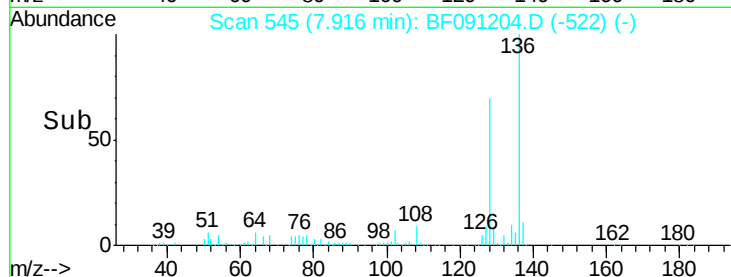
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

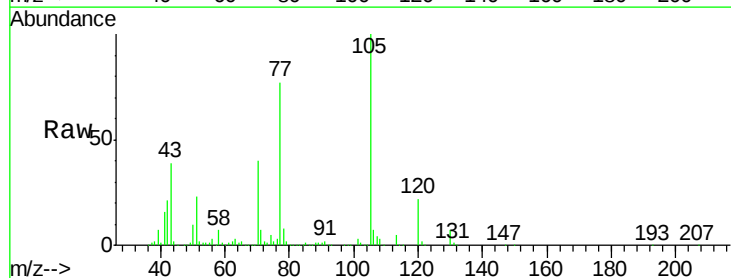
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.73 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:	105	Resp:	832397
Ion	Ratio	Lower	Upper
105	100		
71	6.5	6.2	9.2
51	23.2	23.3	34.9#
120	21.5	17.4	26.0



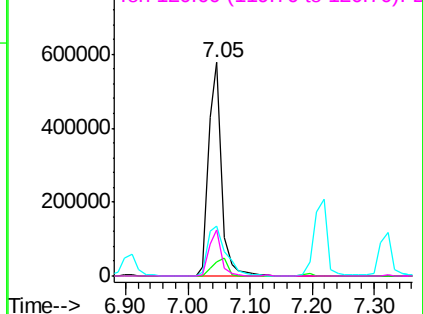
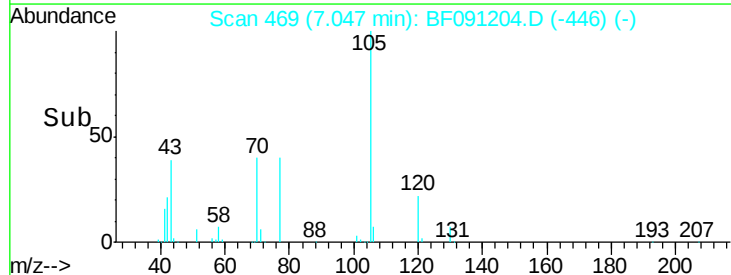
Abundance

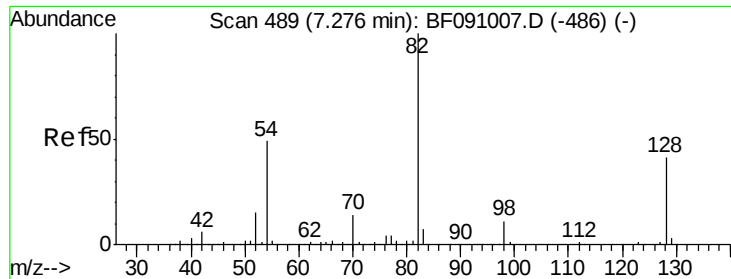
Ion 105.00 (104.70 to 105.70): E

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

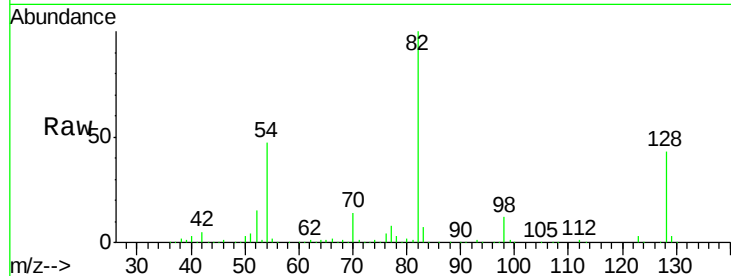




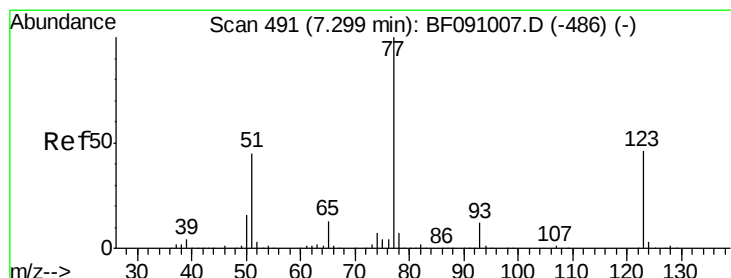
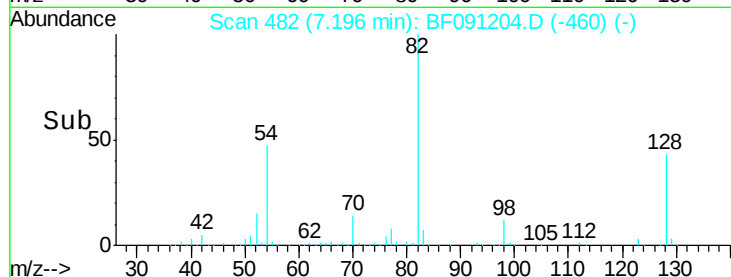
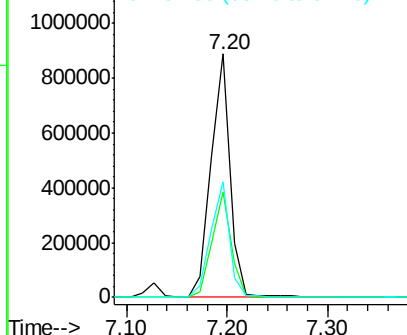
#23
 Nitrobenzene-d5
 Concen: 76.33 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampled :
 PB94754BS

Tgt Ion: 82 Resp: 1183930
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.4 48.6
 54 47.3 39.2 58.8

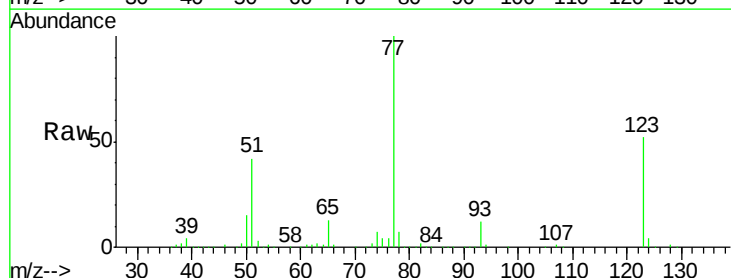


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

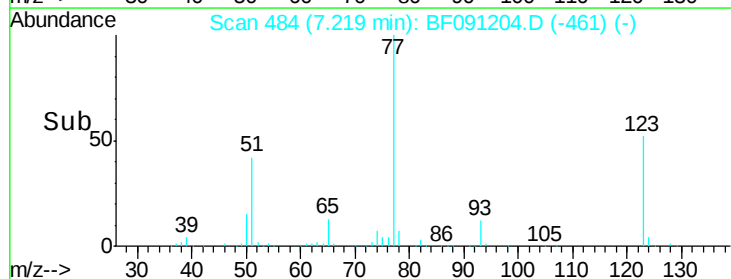
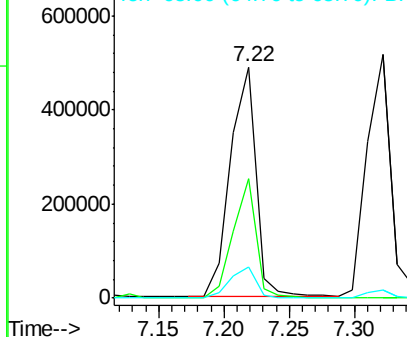


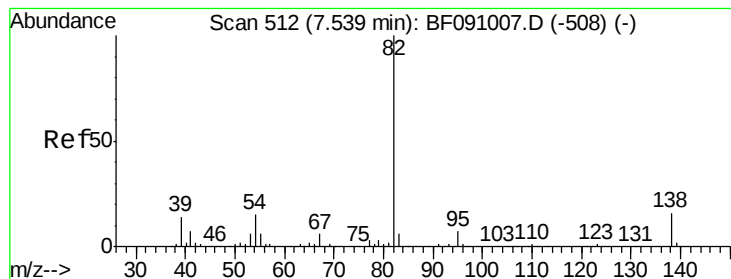
#24
 Nitrobenzene
 Concen: 39.13 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion: 77 Resp: 670350
 Ion Ratio Lower Upper
 77 100
 123 51.9 36.5 54.7
 65 13.3 10.7 16.1



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





#25

Isophorone

Concen: 41.20 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

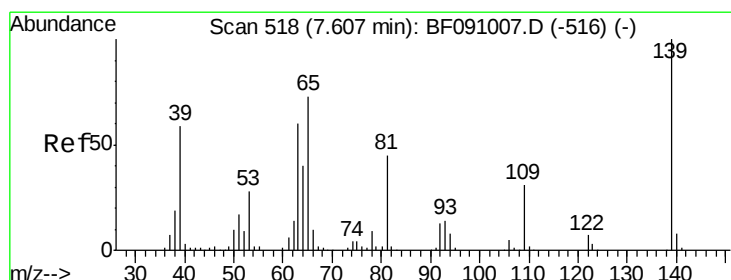
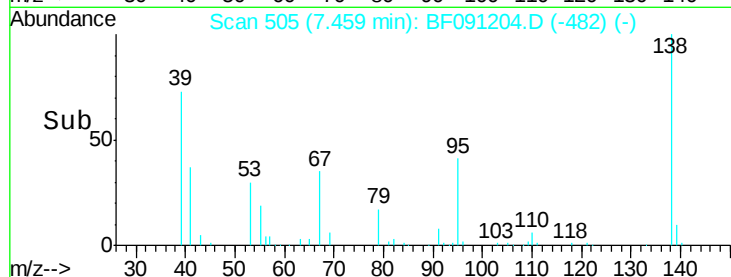
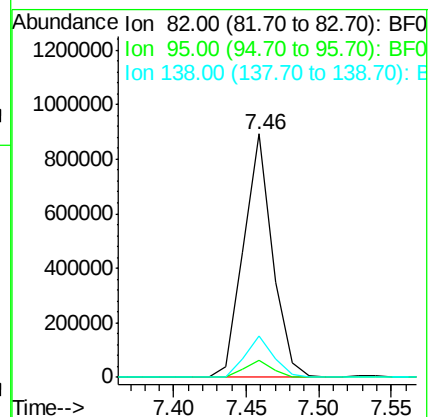
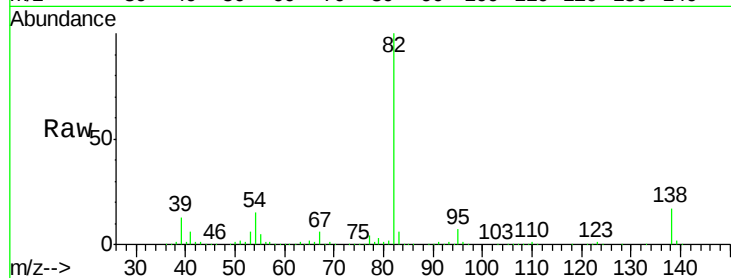
Tgt Ion: 82 Resp: 1231338

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 16.8 13.0 19.4



#26

2-Nitrophenol

Concen: 43.16 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

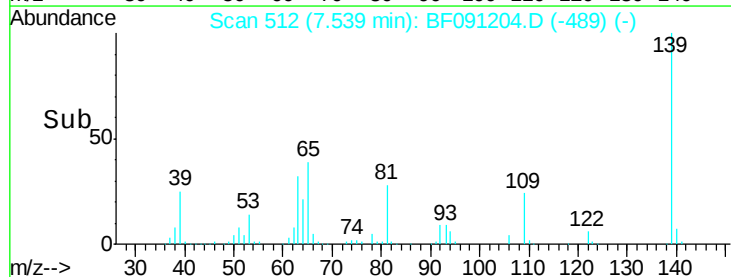
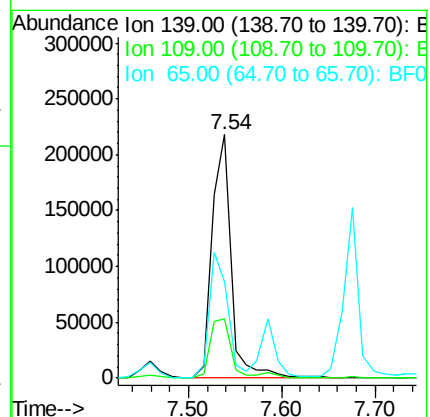
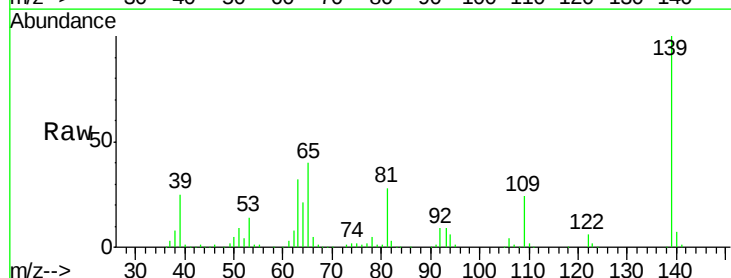
Tgt Ion: 139 Resp: 312889

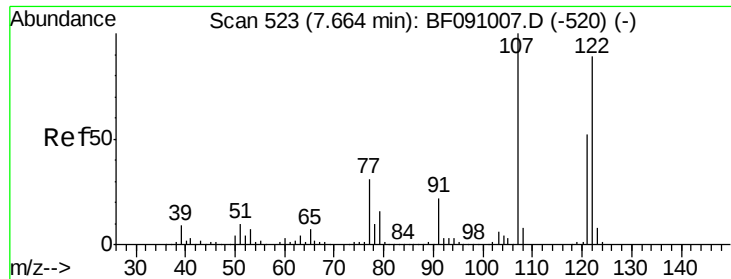
Ion Ratio Lower Upper

139 100

109 24.2 24.7 37.1#

65 39.6 58.3 87.5#

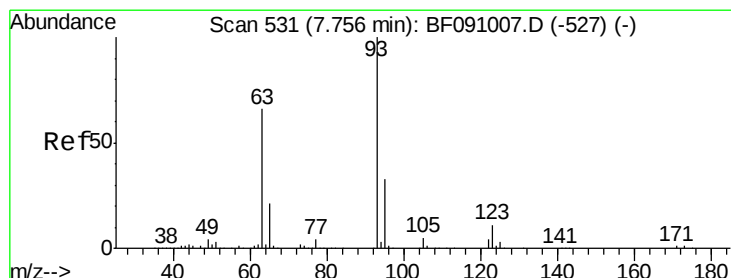
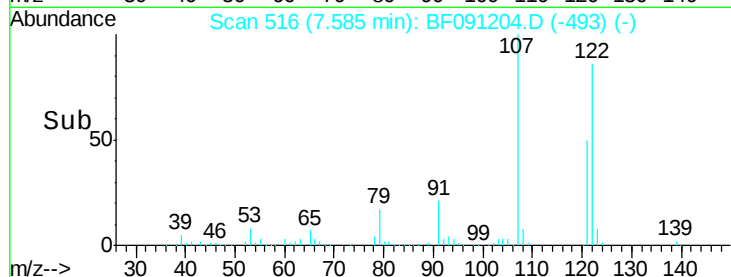
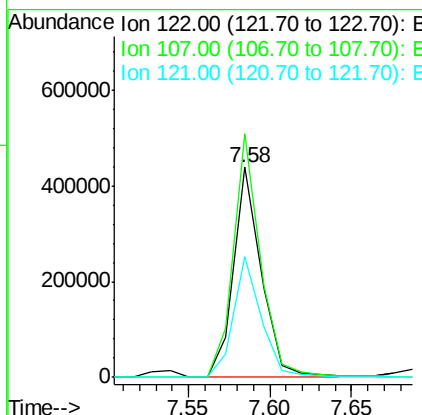
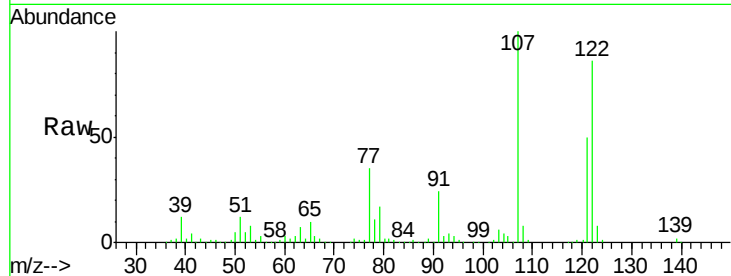




#27
 2,4-Dimethylphenol
 Concen: 42.50 ng
 RT: 7.58 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

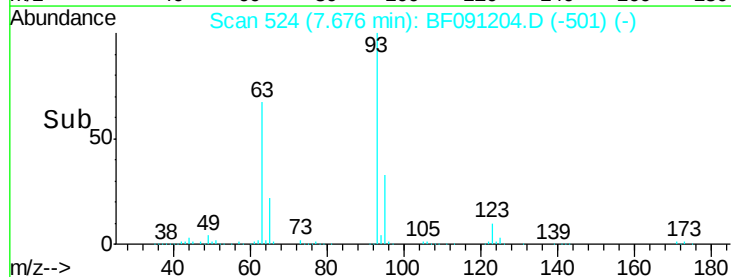
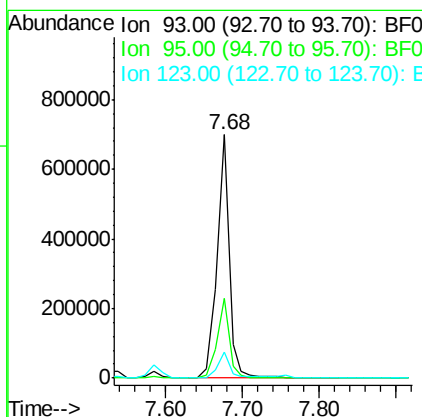
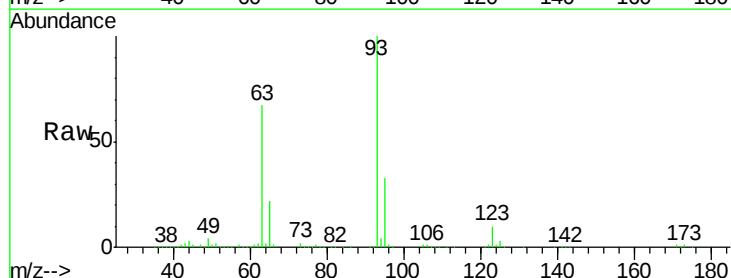
Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

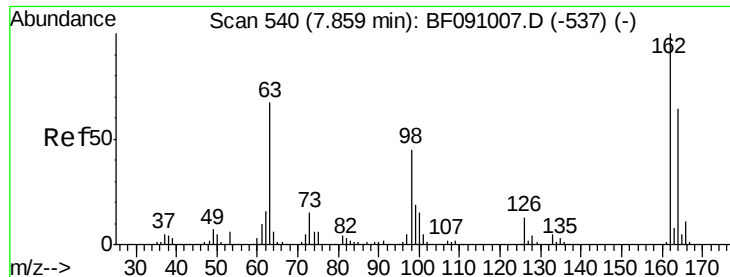
Tgt Ion: 122 Resp: 509586
 Ion Ratio Lower Upper
 122 100
 107 116.0 89.6 134.4
 121 57.8 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.24 ng
 RT: 7.68 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion: 93 Resp: 771403
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.4 8.7 13.1

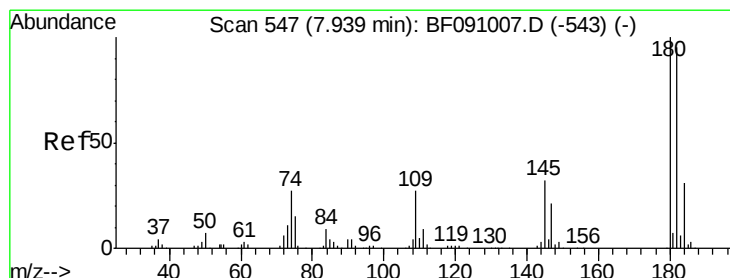
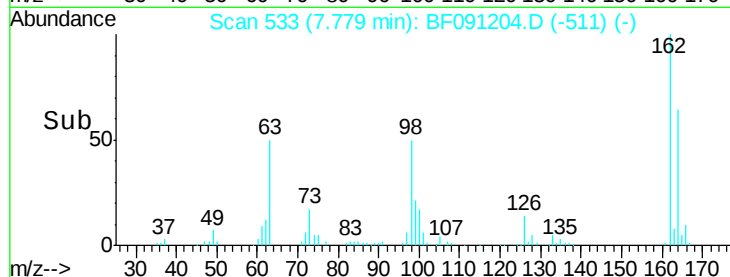
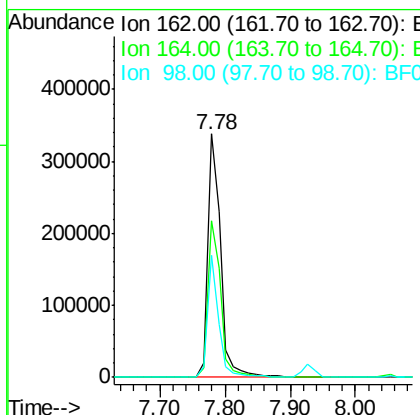
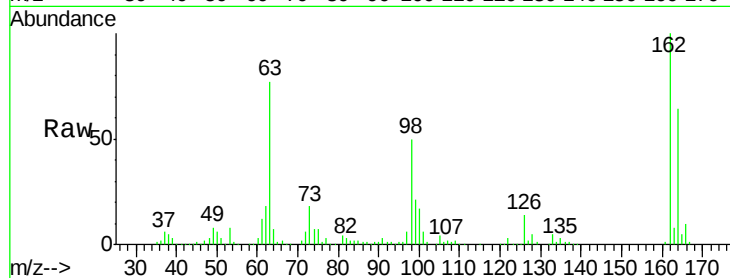




#29
 2,4-Dichlorophenol
 Concen: 43.96 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

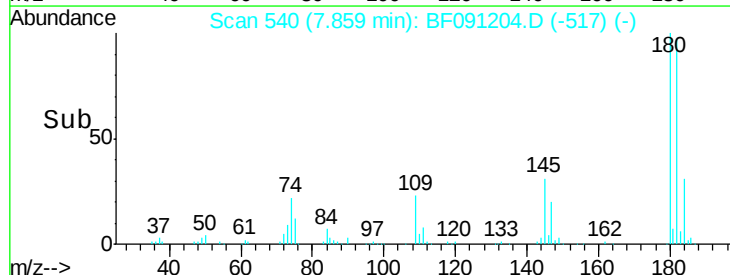
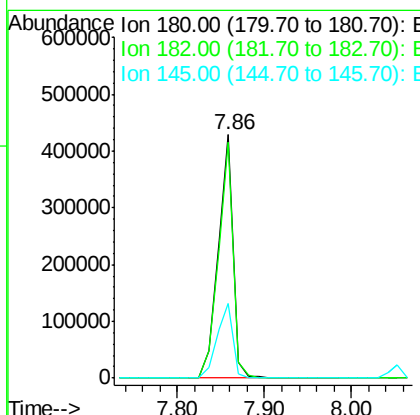
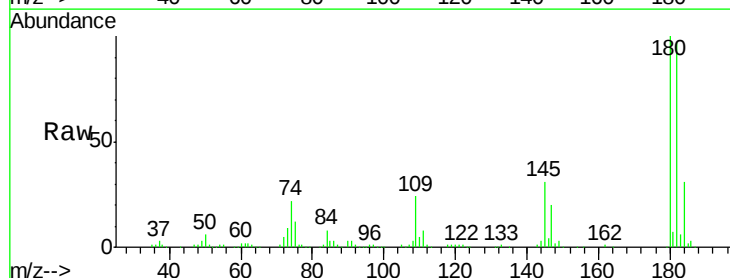
Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion:162 Resp: 459943
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.4 84.4
 98 50.0 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.29 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:180 Resp: 521045
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.0 114.0
 145 30.5 25.8 38.8





#31

Naphthalene

Concen: 41.15 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.05 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

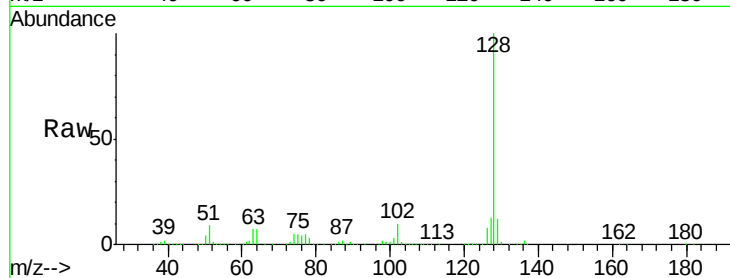
Tgt Ion:128 Resp: 1665083

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

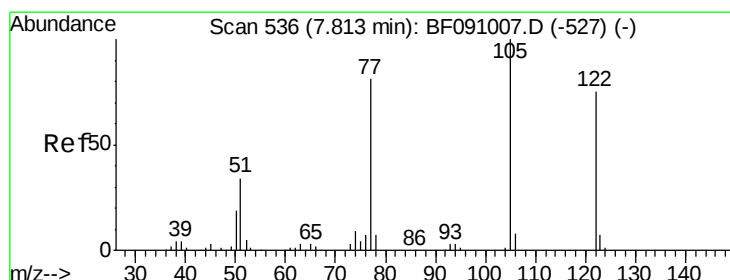
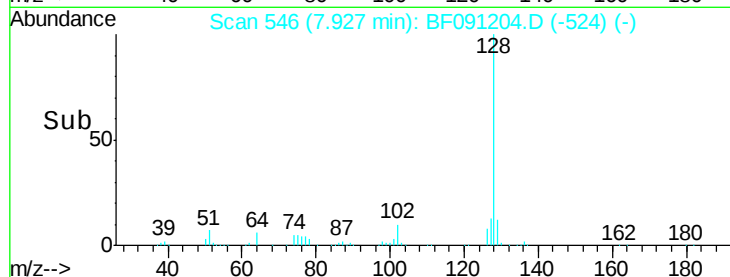
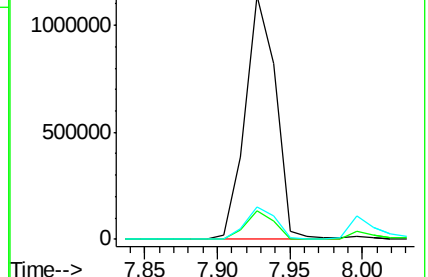
127 13.5 10.9 16.3



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: 31.25 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

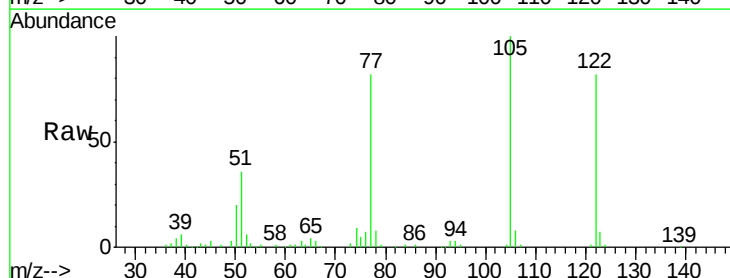
Tgt Ion:122 Resp: 273827

Ion Ratio Lower Upper

122 100

105 122.3 105.9 145.9

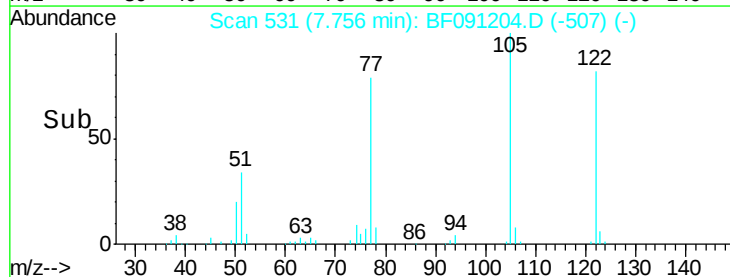
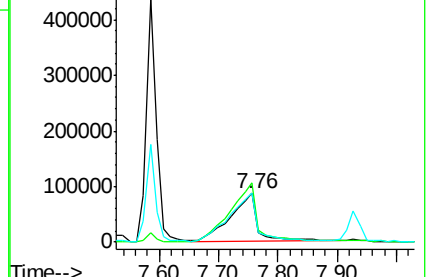
77 100.2 84.0 124.0

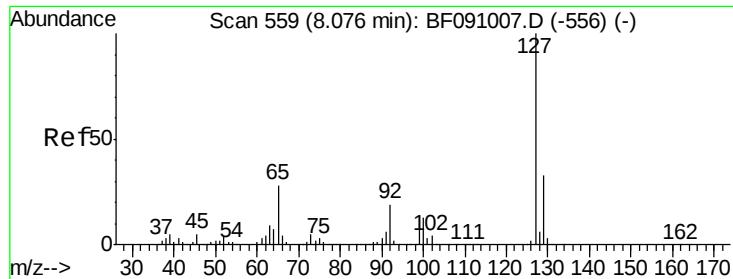


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

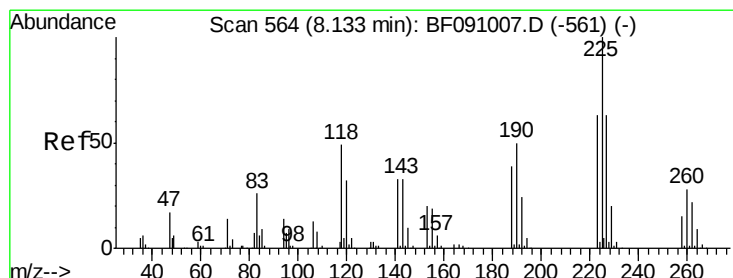
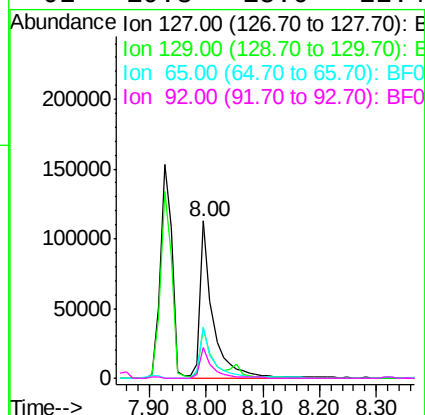
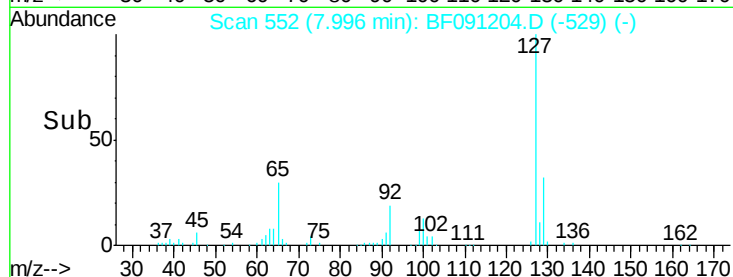
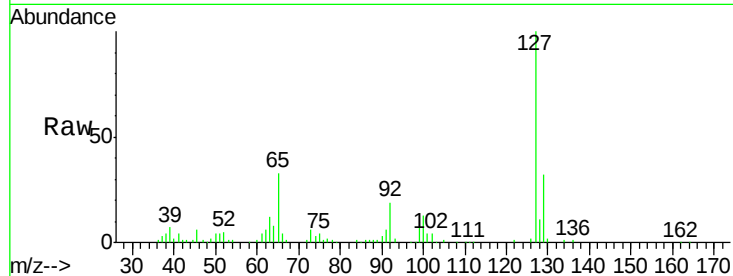




#33
4-Chloroaniline
Concen: 10.31 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

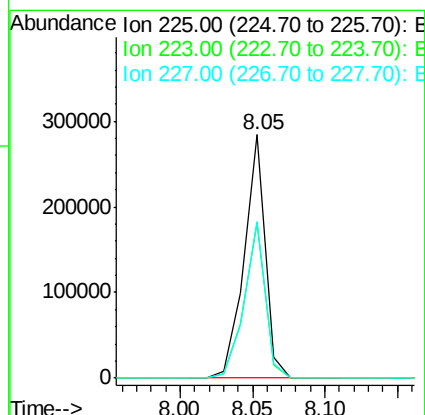
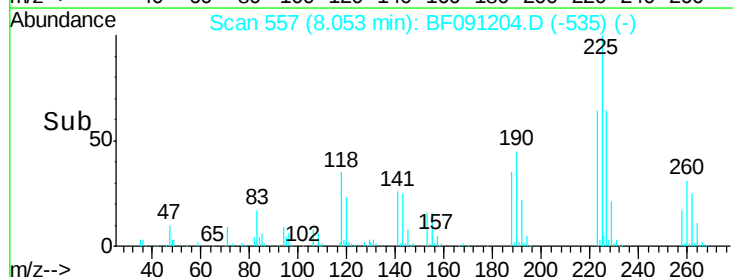
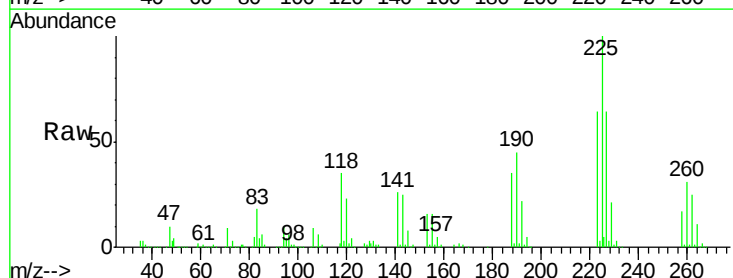
Instrument :
BNA_F
ClientSampleId :
PB94754BS

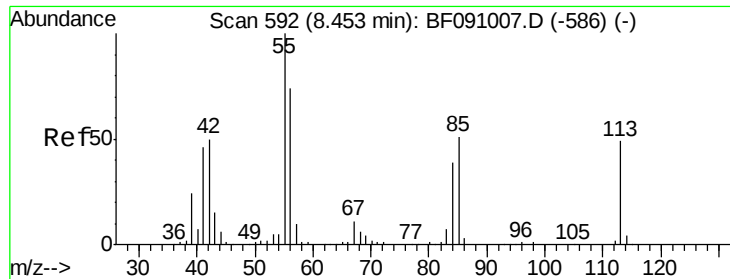
Tgt Ion:	127	Resp:	173471
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	32.7	22.2	33.2
92	19.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 45.08 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:	225	Resp:	286286
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	64.4	50.1	75.1

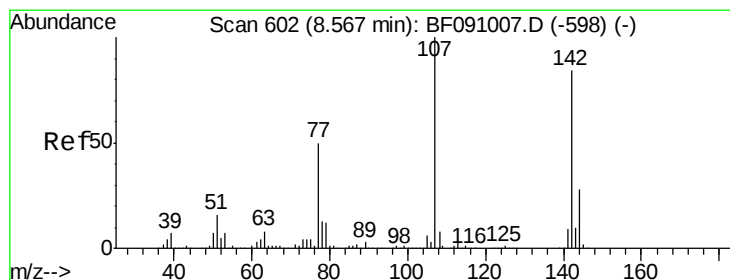
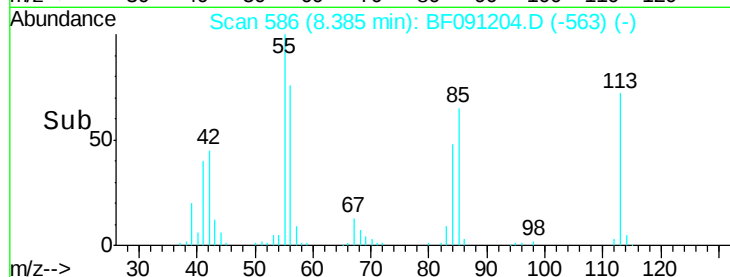
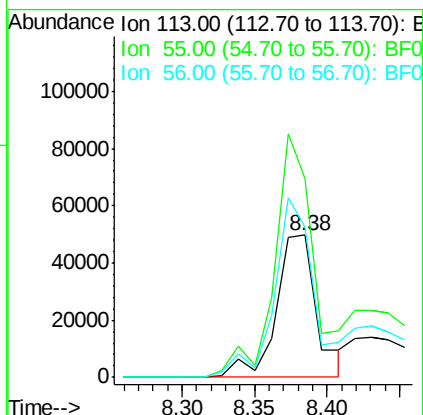
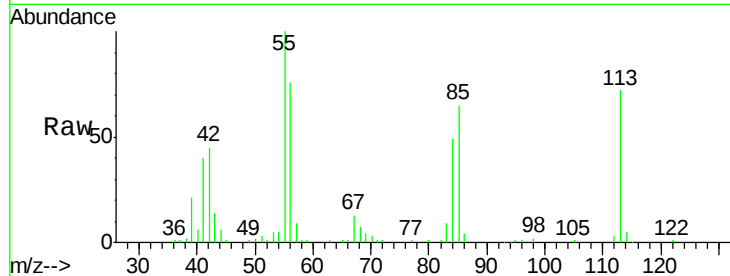




#35
 Caprolactam
 Concen: 29.39 ng
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

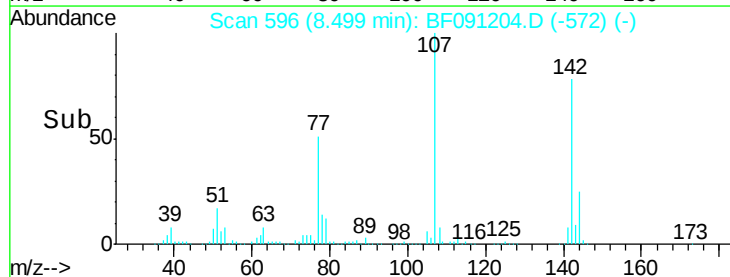
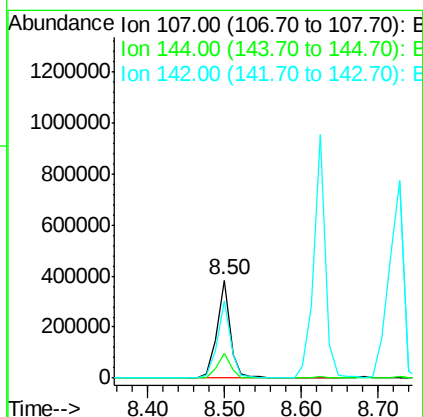
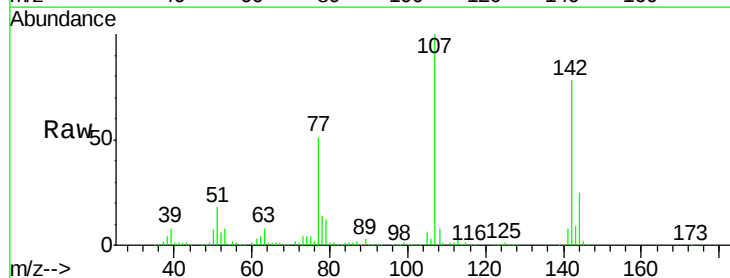
Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

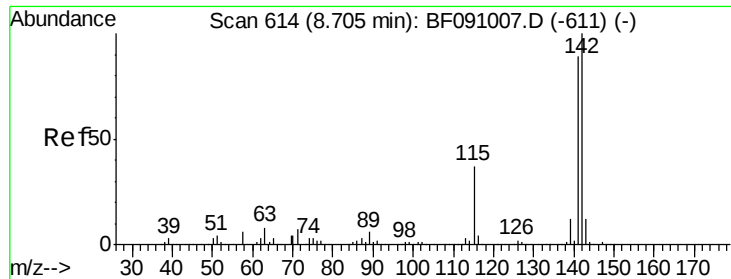
Tgt Ion:113 Resp: 96613
 Ion Ratio Lower Upper
 113 100
 55 139.5 184.1 224.1#
 56 105.6 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 37.31 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:107 Resp: 472667
 Ion Ratio Lower Upper
 107 100
 144 25.1 22.5 33.7
 142 78.3 67.4 101.2

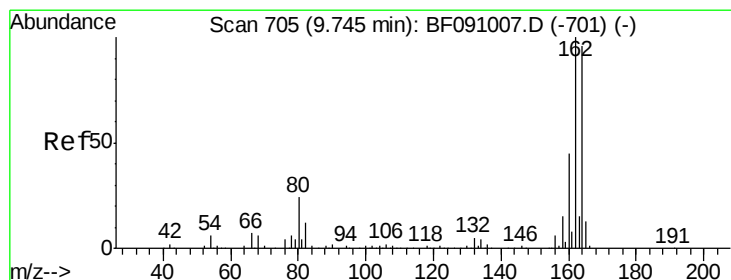
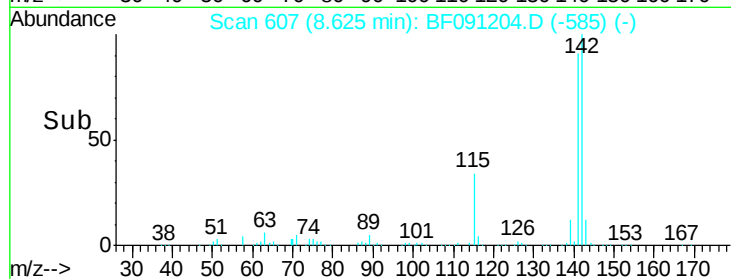
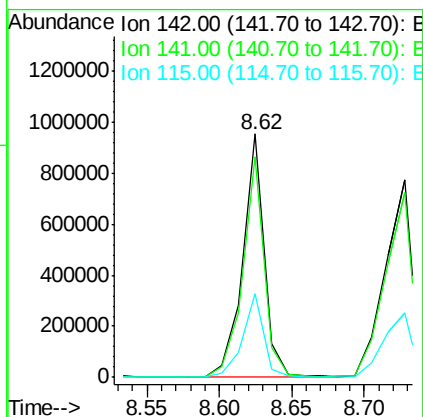
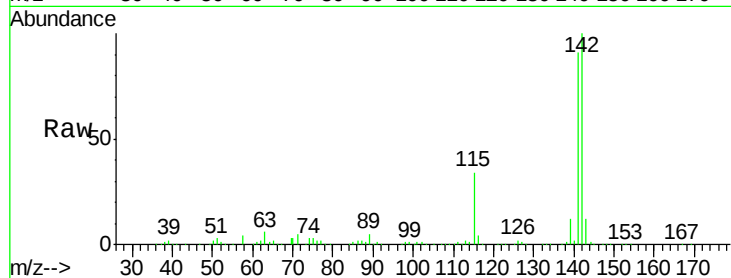




#37
2-Methylnaphthalene
Concen: 38.08 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

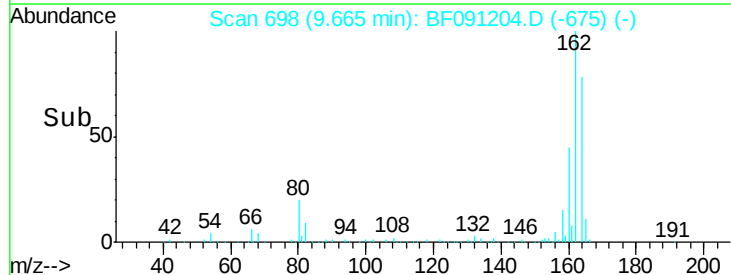
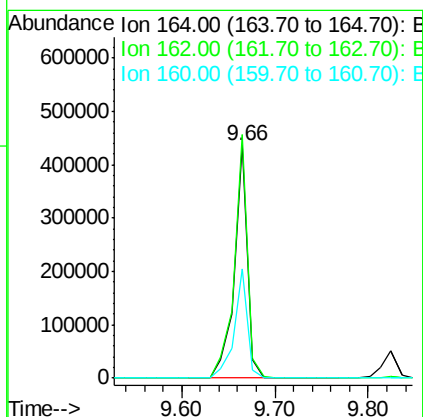
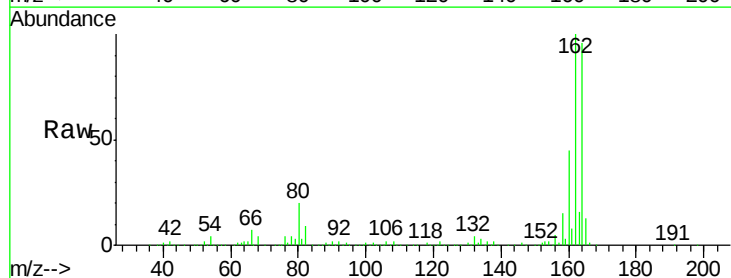
Instrument :
BNA_F
ClientSampleId :
PB94754BS

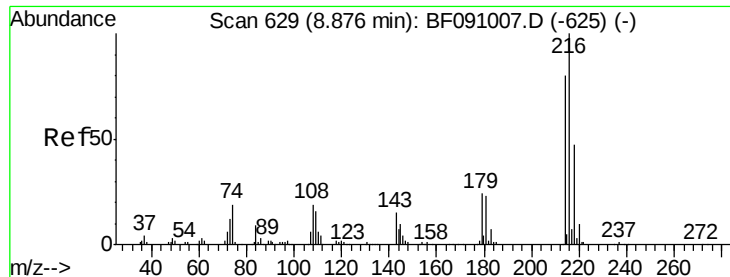
Tgt Ion:142 Resp: 990727
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9
115 34.4 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:164 Resp: 434851
Ion Ratio Lower Upper
164 100
162 104.5 83.6 125.4
160 46.9 37.9 56.9

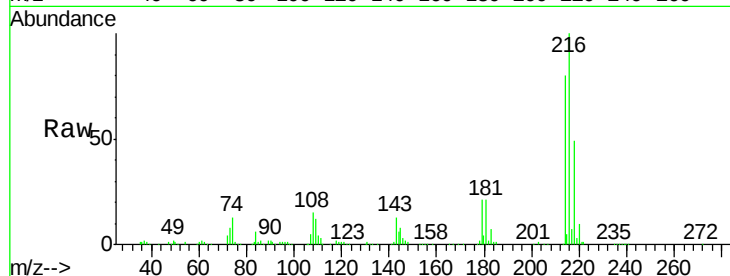




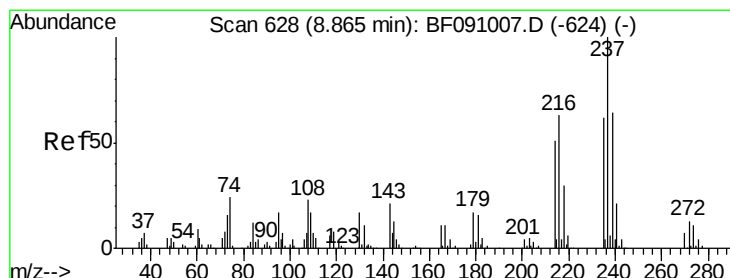
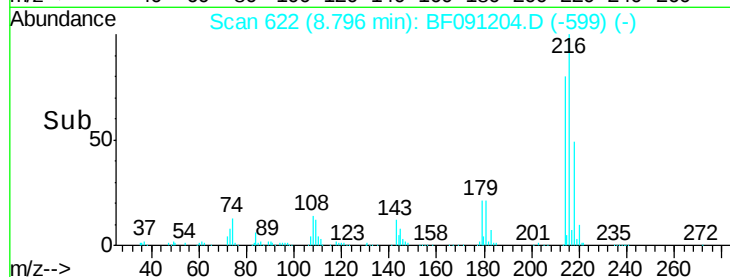
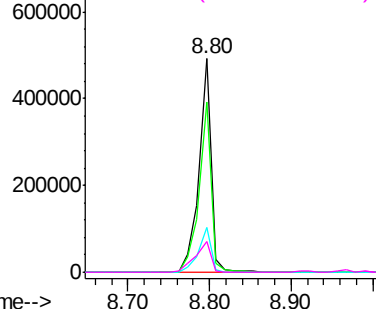
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.34 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion:	216	Resp:	502664
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.5	95.3
179	21.7	19.1	28.7
108	19.1	17.5	26.3

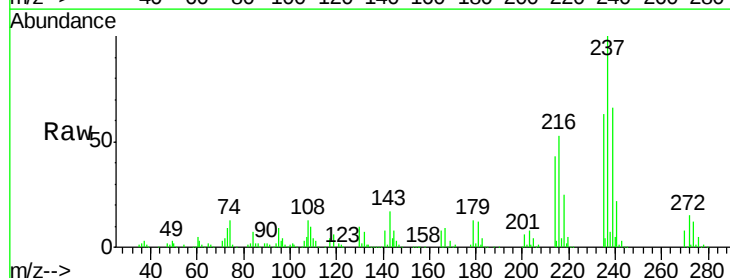


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

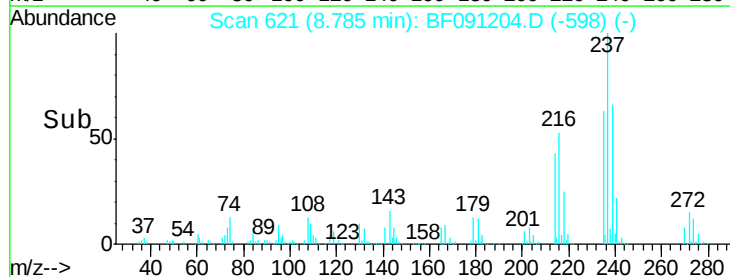
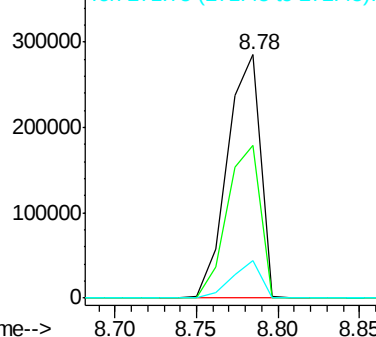


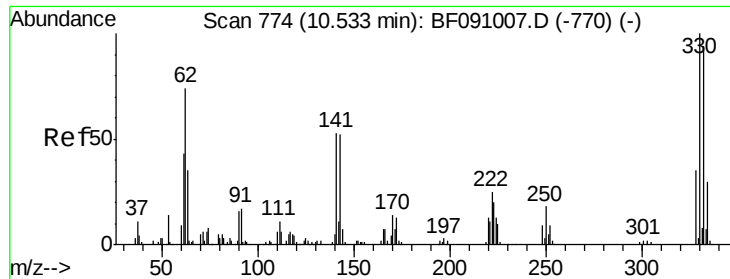
#40
 Hexachlorocyclopentadiene
 Concen: 92.07 ng
 RT: 8.78 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:	237	Resp:	400792
Ion	Ratio	Lower	Upper
237	100		
235	62.6	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

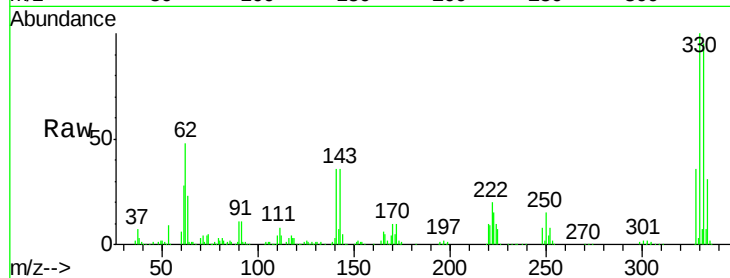




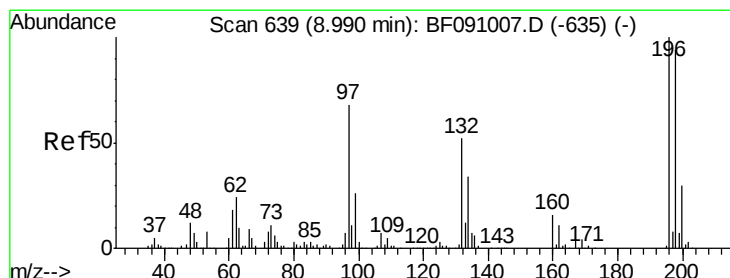
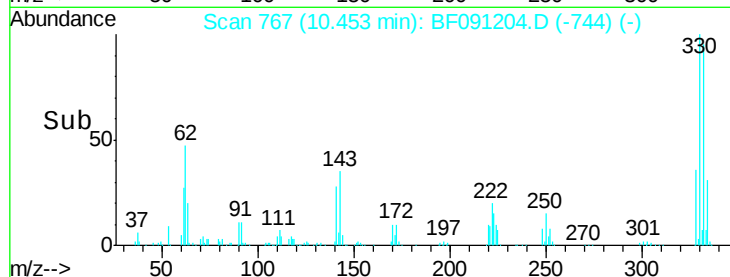
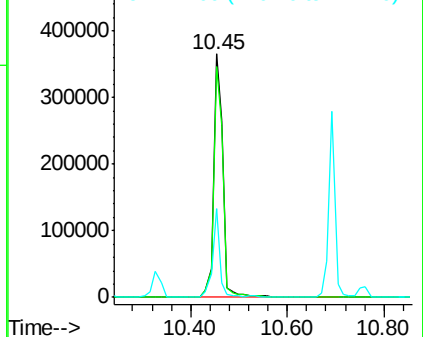
#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion:330 Resp: 505197
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.9 113.9
 141 28.2 36.1 54.1#

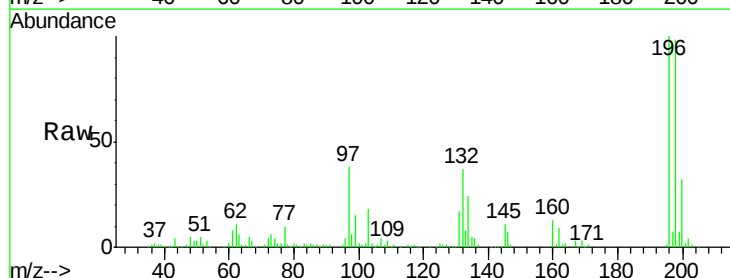


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

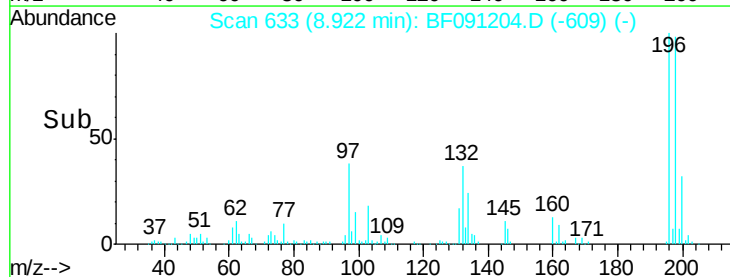
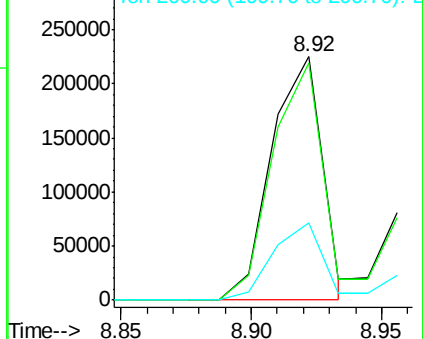


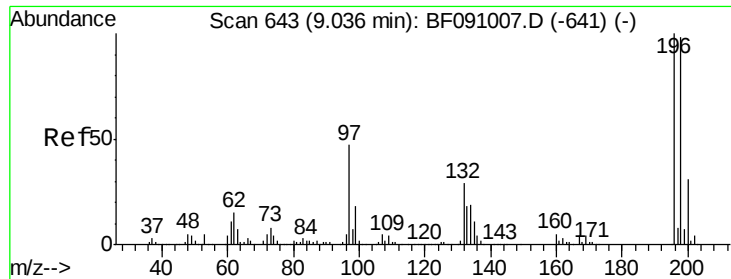
#42
 2,4,6-Trichlorophenol
 Concen: 42.14 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:196 Resp: 301593
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.4 113.0
 200 31.7 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

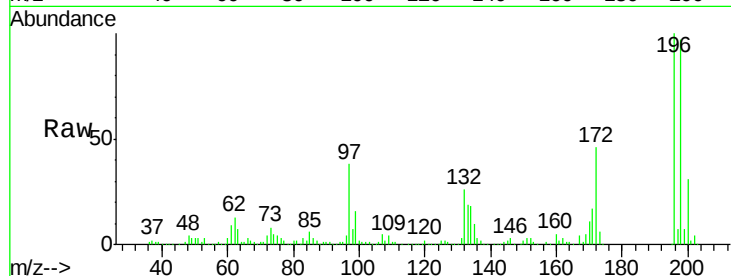




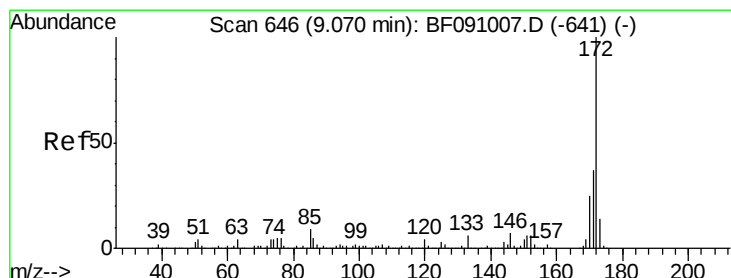
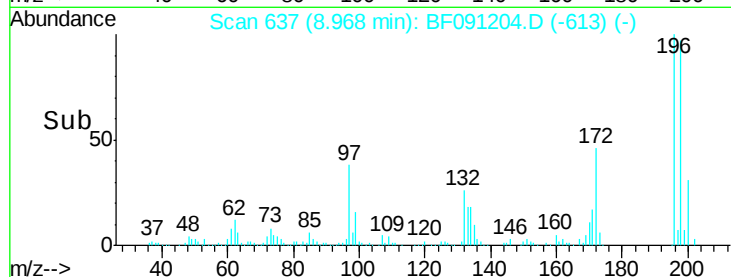
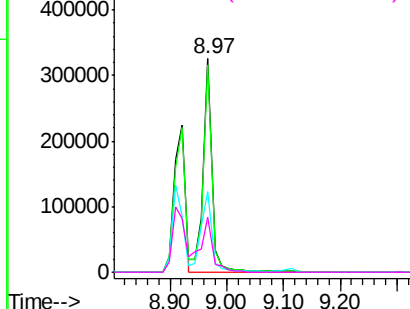
#43
 2,4,5-Trichlorophenol
 Concen: 45.04 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.2	117.4
97	37.9	38.8	58.2
132	25.8	23.5	35.3

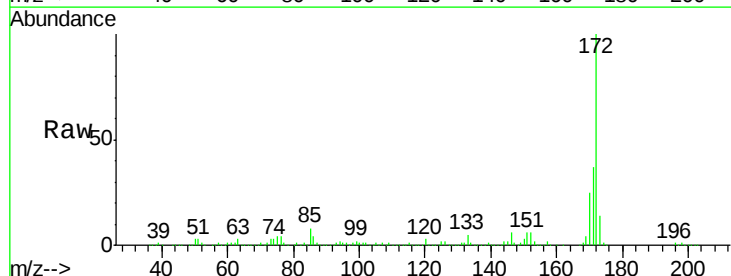


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

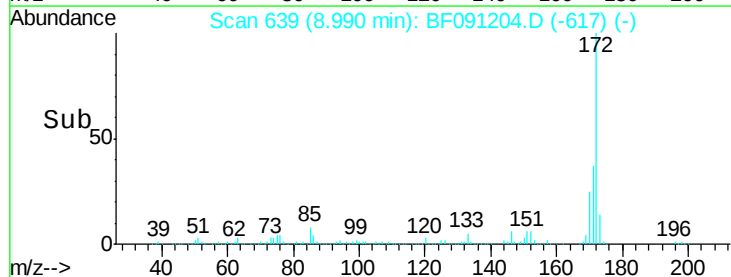
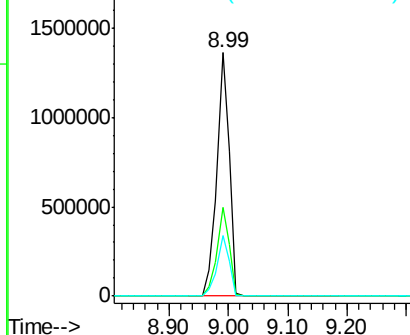


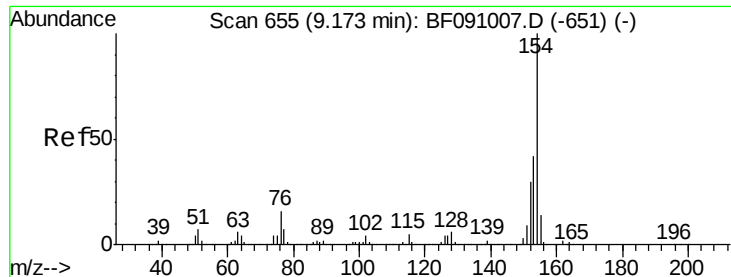
#44
 2-Fluorobiphenyl
 Concen: 78.66 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.8	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

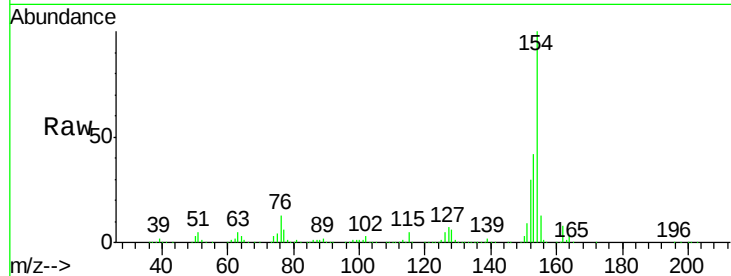




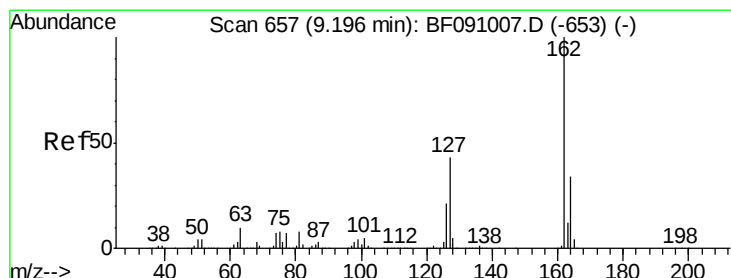
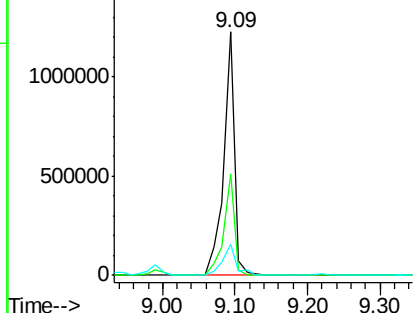
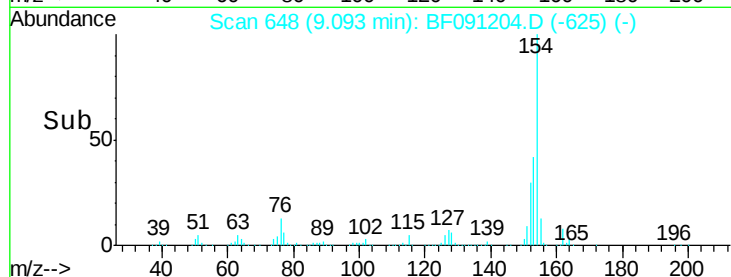
#45
 1,1'-Biphenyl
 Concen: 39.93 ng
 RT: 9.09 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion:154 Resp: 1267777
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.6 61.6
 76 12.7 0.0 36.2

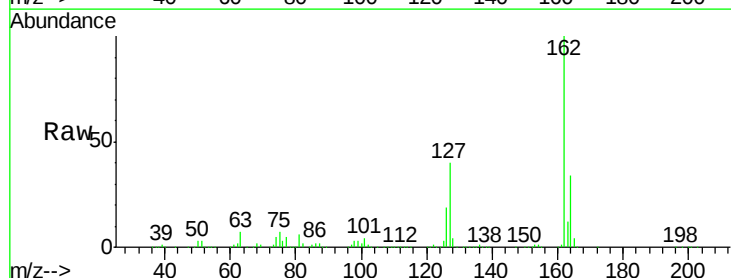


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

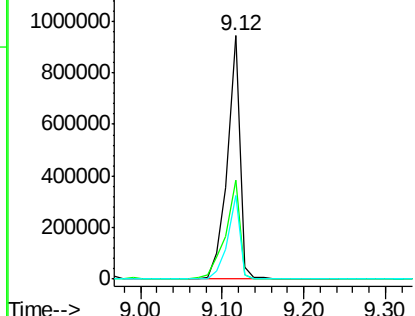
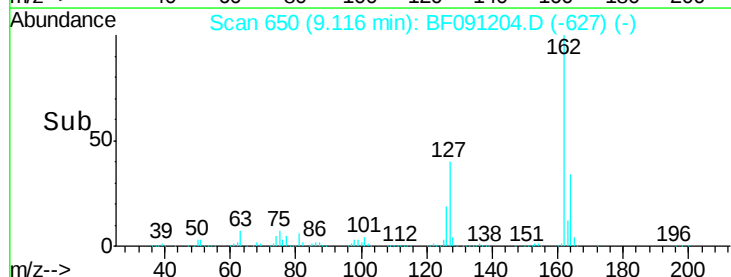


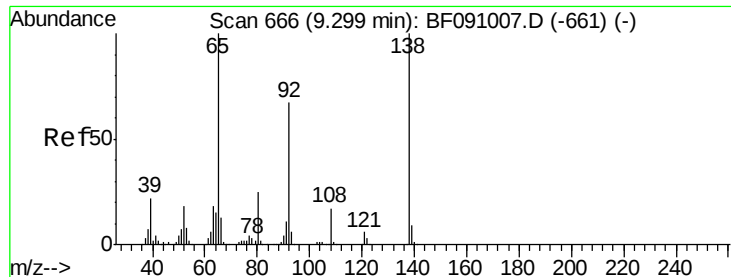
#46
 2-Chloronaphthalene
 Concen: 42.08 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:162 Resp: 1014363
 Ion Ratio Lower Upper
 162 100
 127 40.4 34.7 52.1
 164 34.2 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: 31.35 ng

RT: 9.22 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

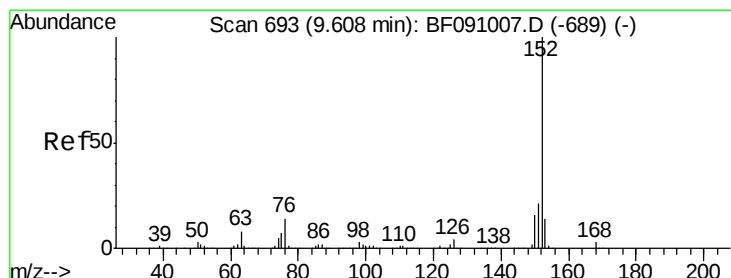
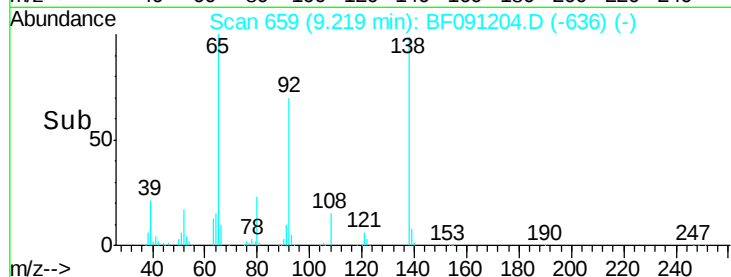
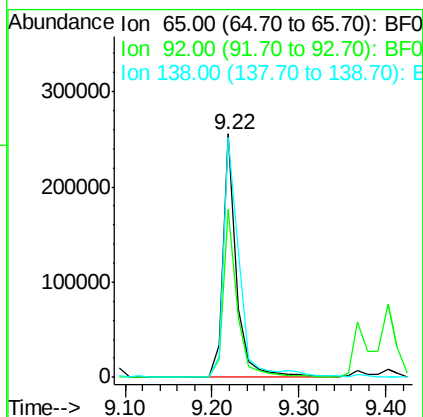
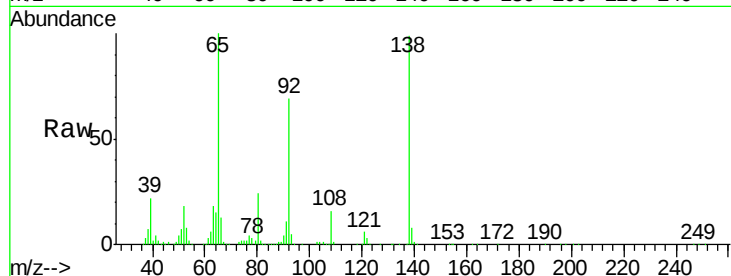
Tgt Ion: 65 Resp: 280455

Ion Ratio Lower Upper

65 100

92 69.2 53.9 80.9

138 98.6 80.1 120.1



#48

Acenaphthylene

Concen: 38.56 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

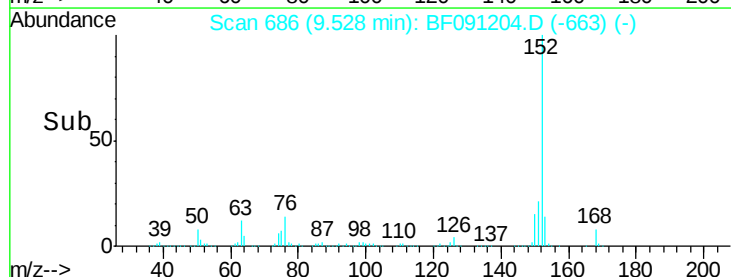
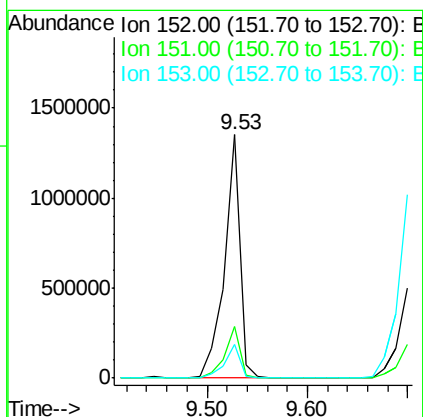
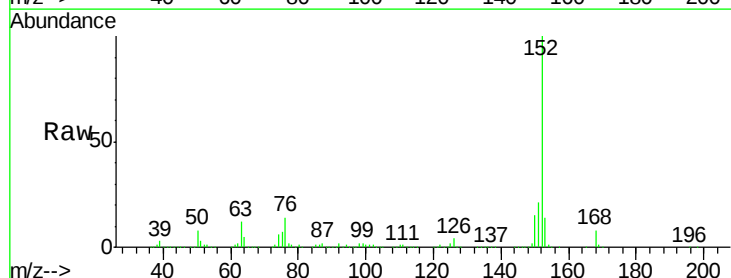
Tgt Ion: 152 Resp: 1448495

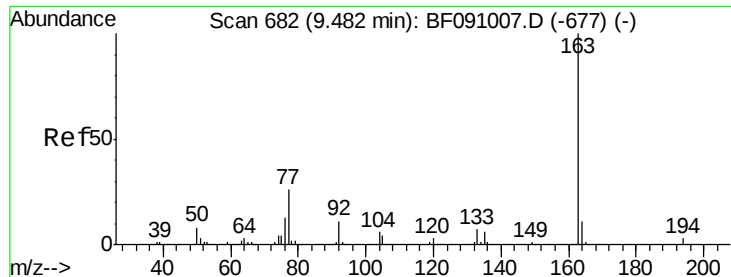
Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1

153 13.8 11.1 16.7





#49

Dimethylphthalate

Concen: 40.32 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

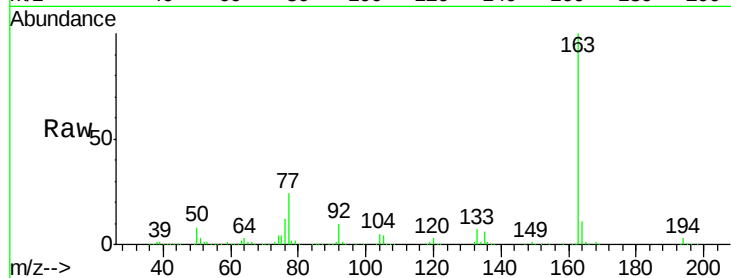
Tgt Ion:163 Resp: 1149612

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

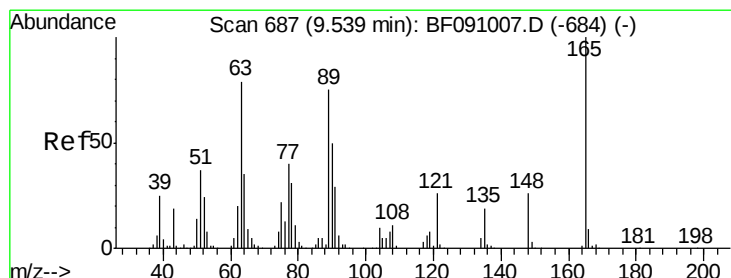
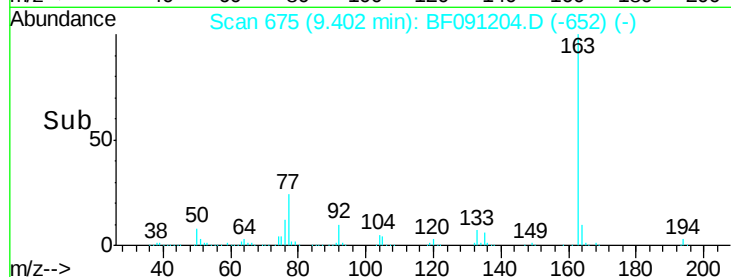
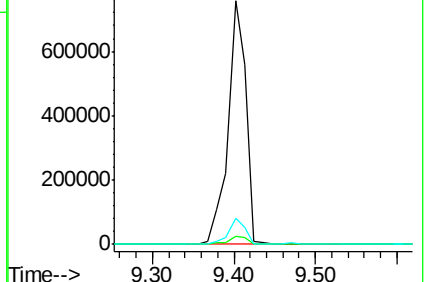
164 10.8 8.7 13.1



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: 47.12 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

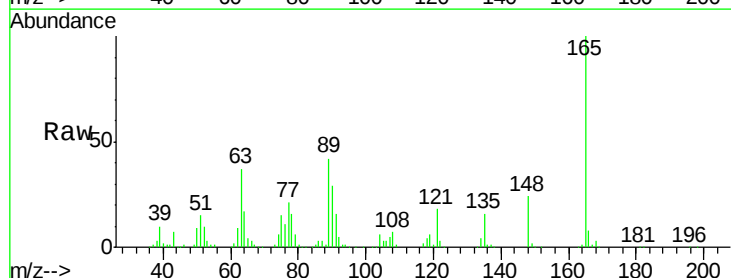
Tgt Ion:165 Resp: 287934

Ion Ratio Lower Upper

165 100

63 36.9 65.6 98.4#

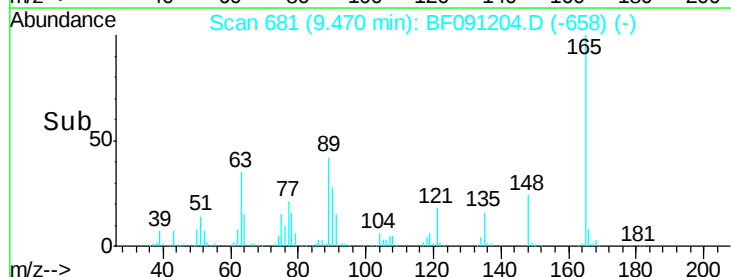
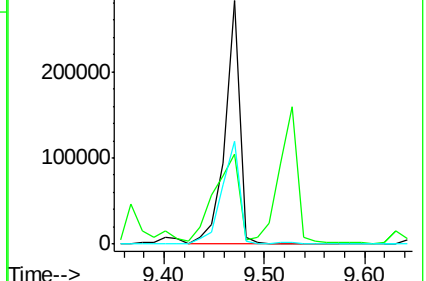
89 42.4 59.8 89.6#

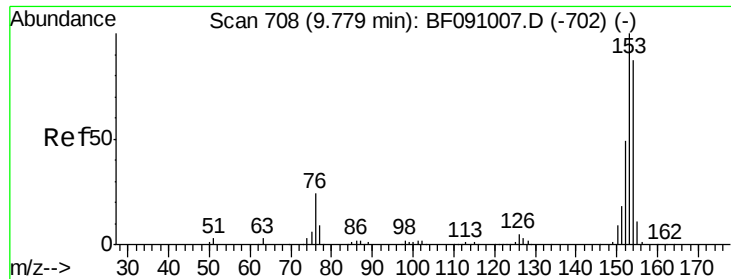


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.33 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

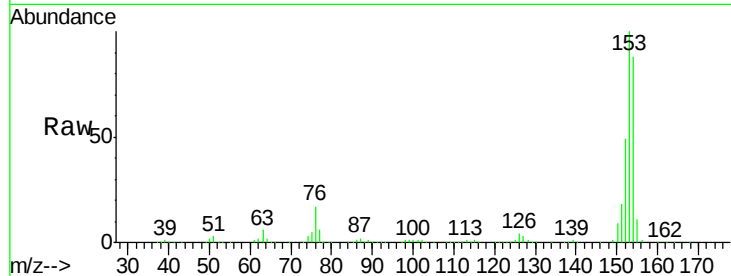
Tgt Ion:154 Resp: 927553

Ion Ratio Lower Upper

154 100

153 114.1 91.6 137.4

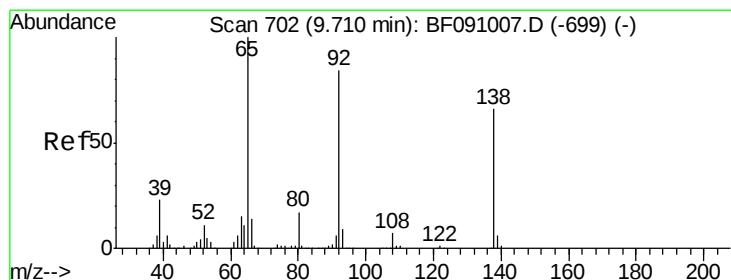
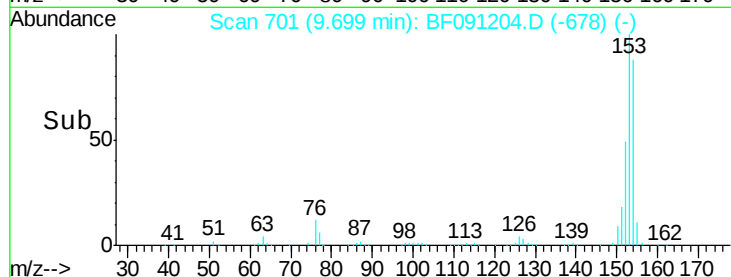
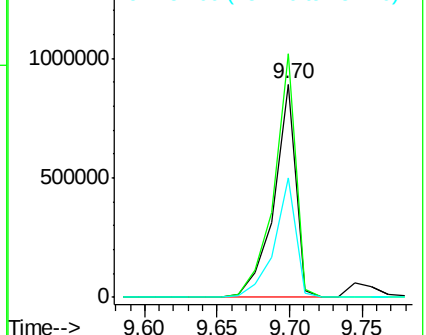
152 55.9 44.6 67.0



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: 14.83 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

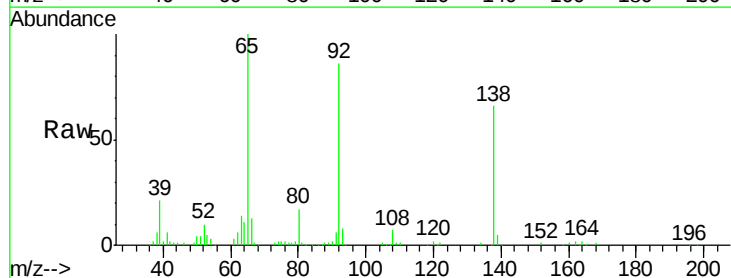
Tgt Ion:138 Resp: 107453

Ion Ratio Lower Upper

138 100

108 10.3 8.4 12.6

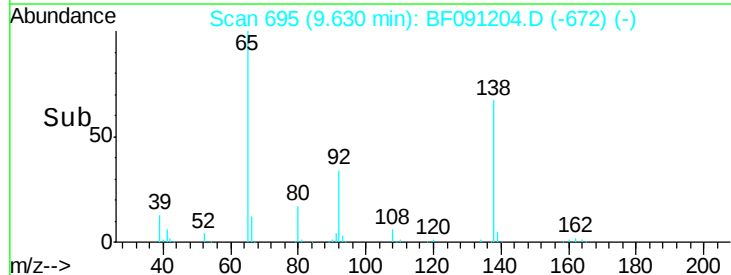
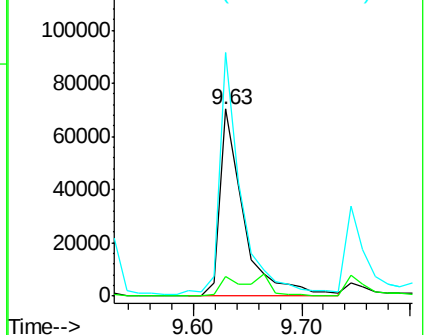
92 130.1 101.1 151.7

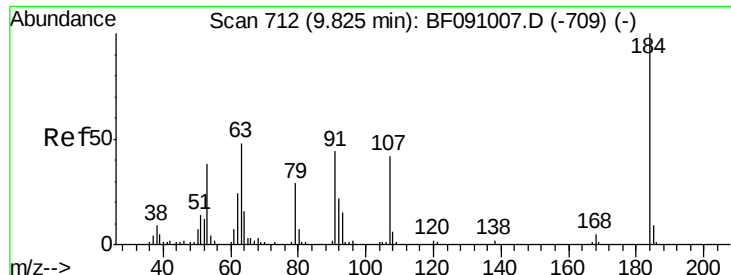


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

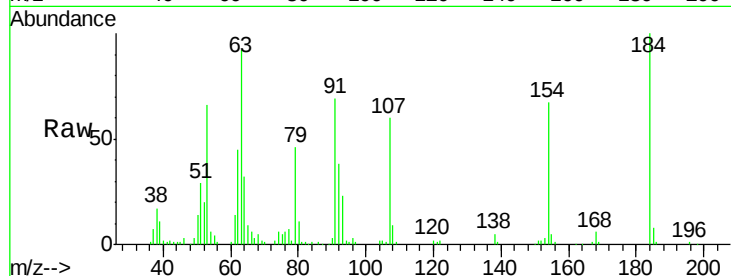




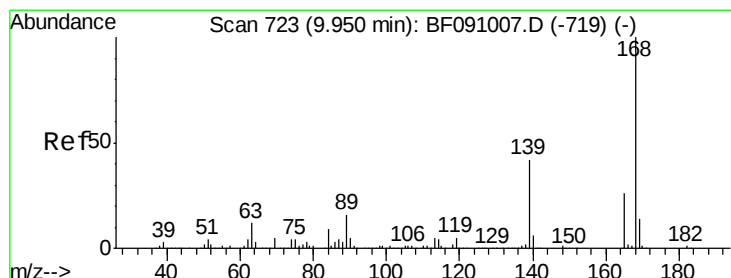
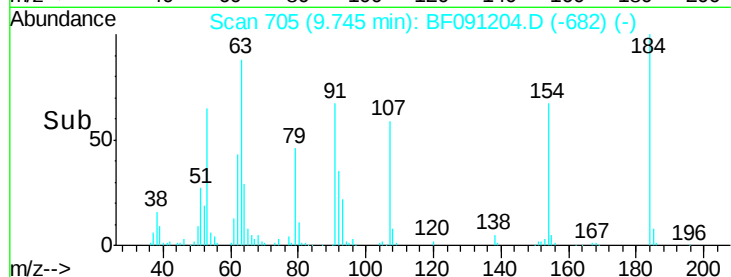
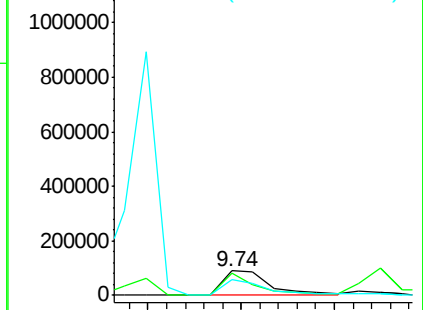
#53
2,4-Dinitrophenol
Concen: 50.70 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion:184 Resp: 160489
Ion Ratio Lower Upper
184 100
63 92.4 45.5 68.3#
154 66.7 51.0 76.4

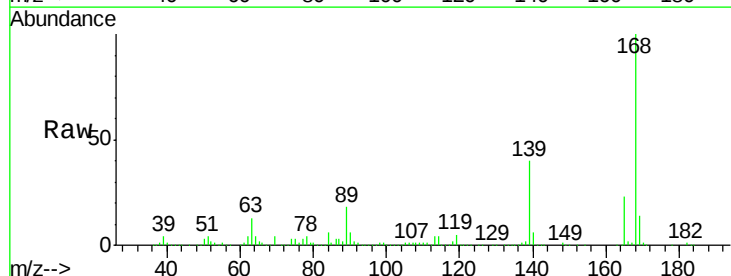


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

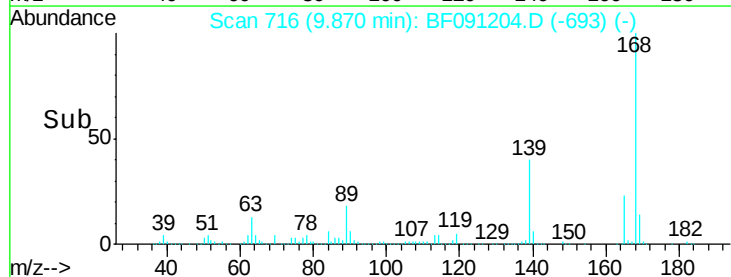
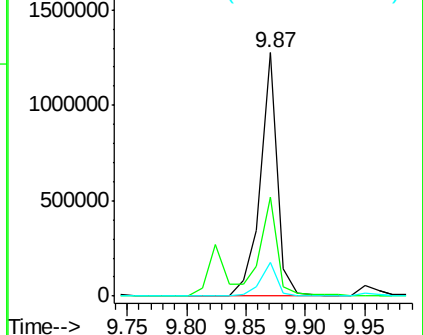


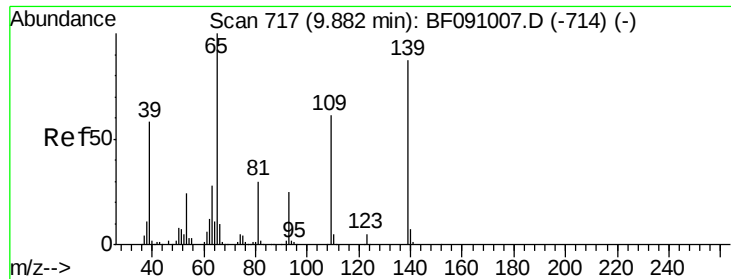
#54
Dibenzofuran
Concen: 40.50 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:168 Resp: 1285953
Ion Ratio Lower Upper
168 100
139 40.4 34.8 52.2
169 13.9 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: 63.89 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

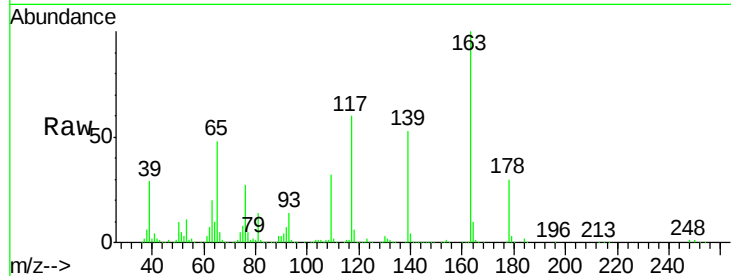
Tgt Ion:139 Resp: 302339

Ion Ratio Lower Upper

139 100

109 60.4 50.5 90.5

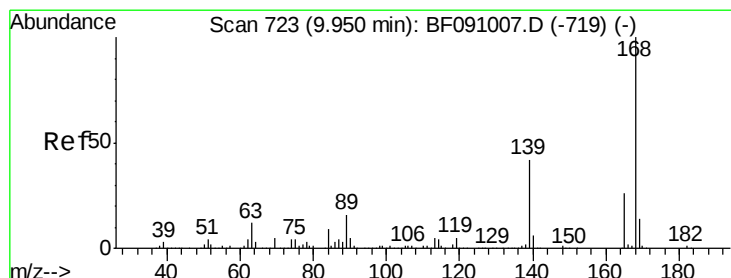
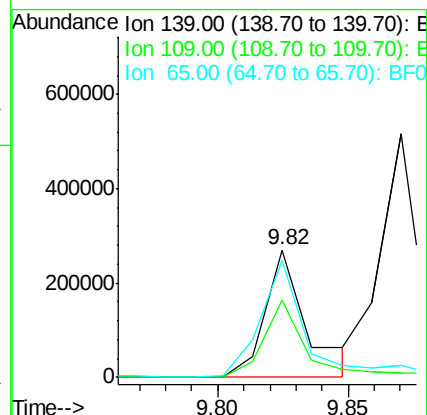
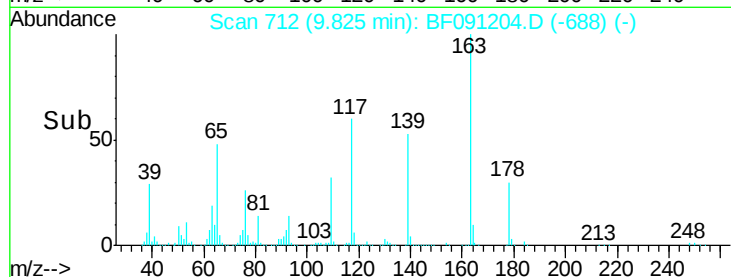
65 91.8 97.1 137.1#



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: 39.06 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Tgt Ion:165 Resp: 303724

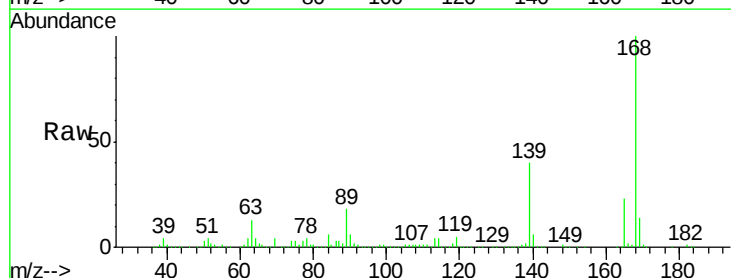
Ion Ratio Lower Upper

165 100

63 58.1 38.7 58.1#

89 80.5 50.6 76.0#

182 2.2 1.8 2.8

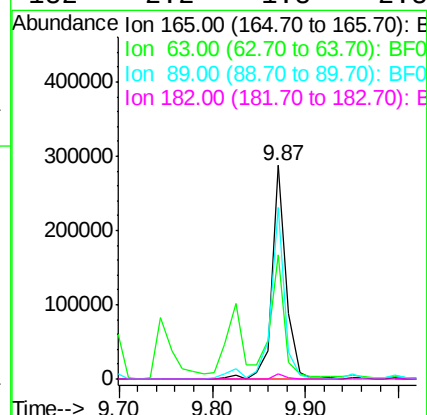
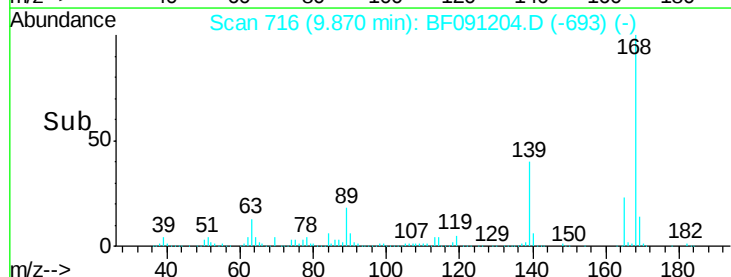


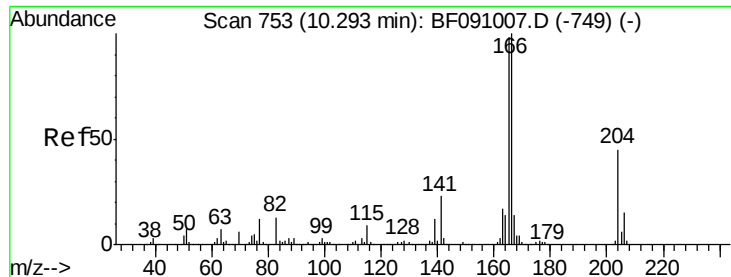
Abundance Ion 165.00 (164.70 to 165.70): E

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

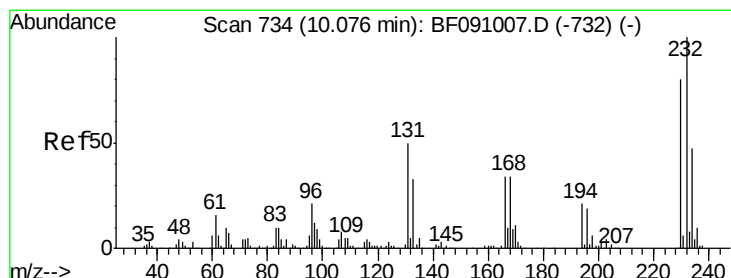
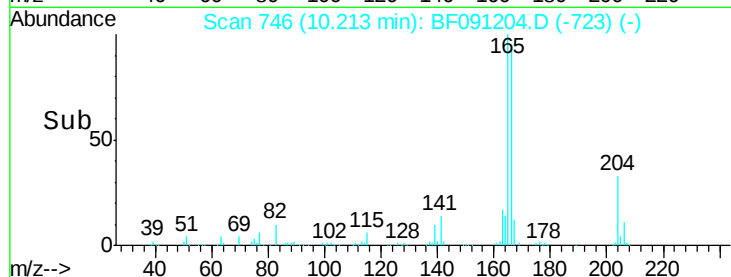
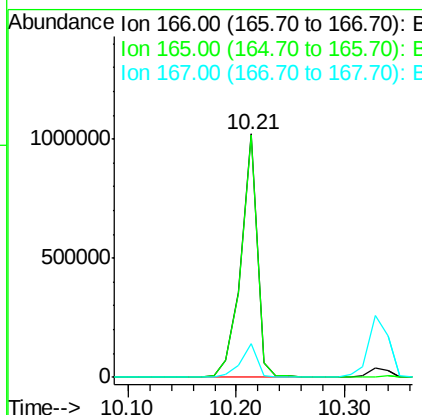
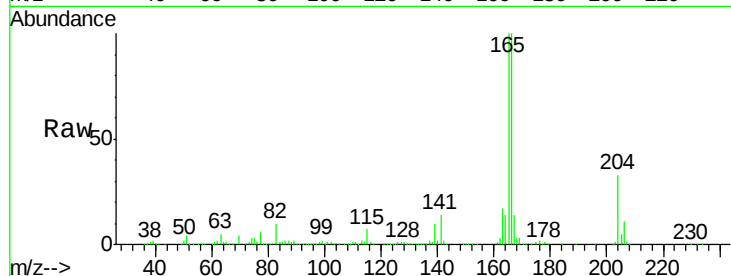




#57
 Fluorene
 Concen: 40.57 ng
 RT: 10.21 min Scan# 746
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

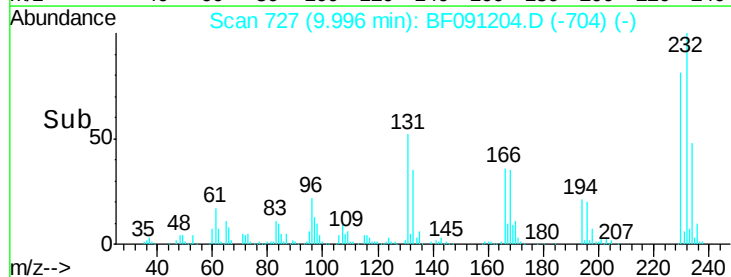
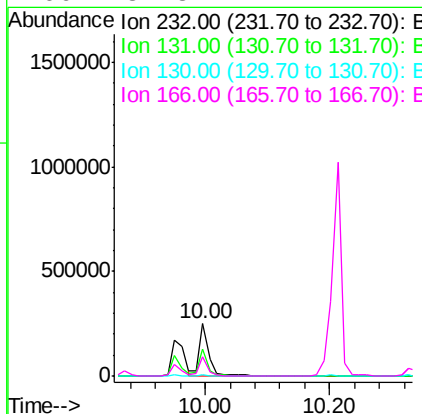
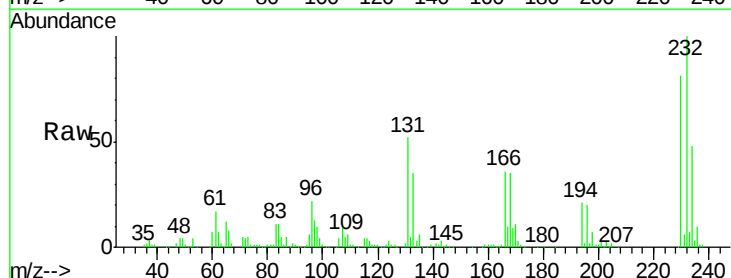
Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

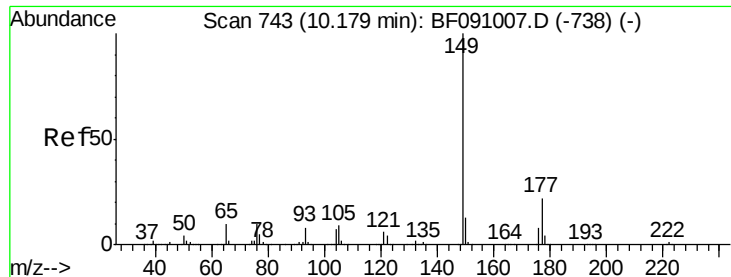
Tgt Ion:166 Resp: 1052792
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.6 118.0
 167 14.1 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.76 ng
 RT: 10.00 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:232 Resp: 275292
 Ion Ratio Lower Upper
 232 100
 131 46.9 43.6 65.4
 130 2.2 2.0 3.0
 166 31.3 27.4 41.2

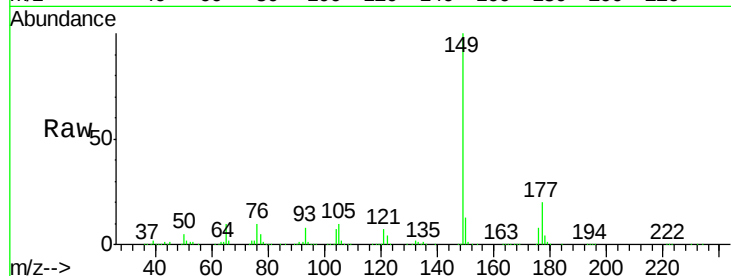




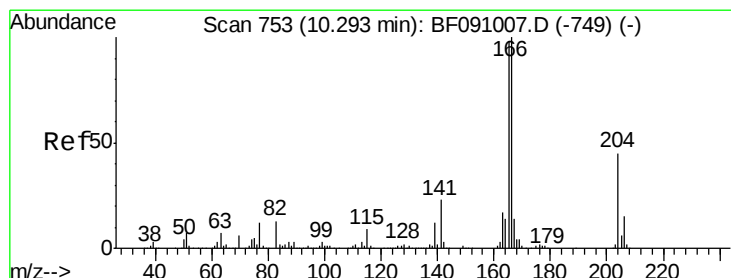
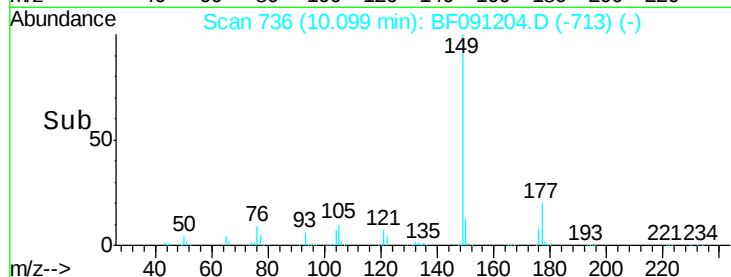
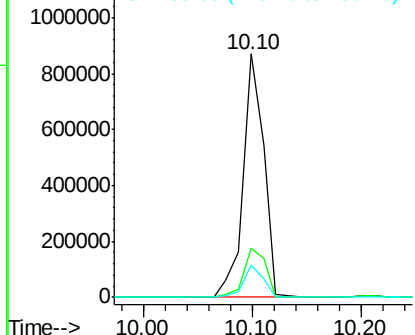
#59
Diethylphthalate
Concen: 38.82 ng
RT: 10.10 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion:149 Resp: 1134974
Ion Ratio Lower Upper
149 100
177 20.3 17.3 25.9
150 13.2 10.3 15.5

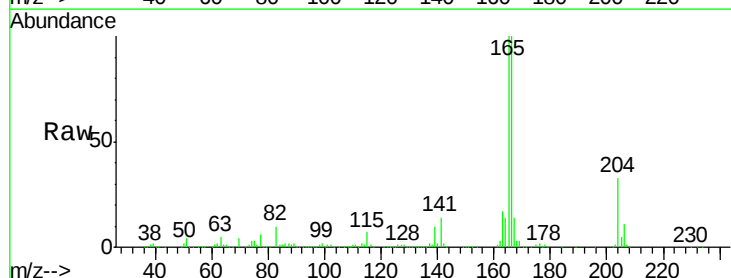


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

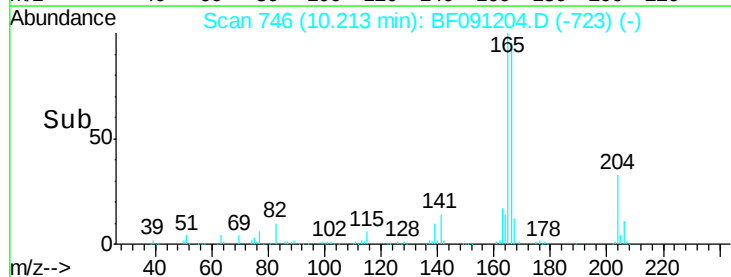
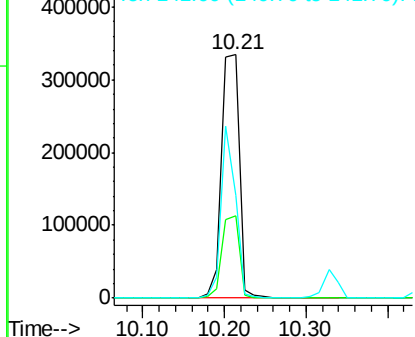


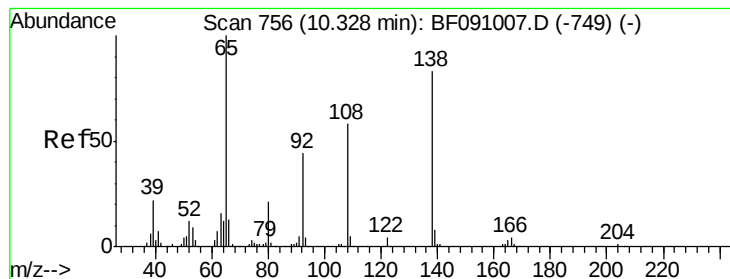
#60
4-Chlorophenyl-phenylether
Concen: 42.47 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:204 Resp: 501674
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 42.3 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: 34.03 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

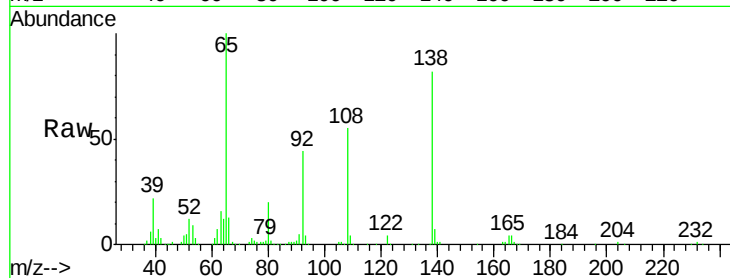
Tgt Ion:138 Resp: 249450

Ion Ratio Lower Upper

138 100

92 54.1 32.5 72.5

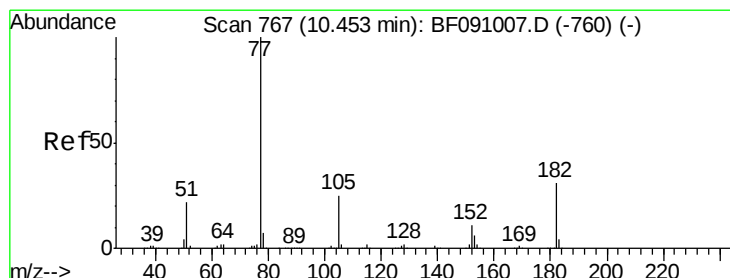
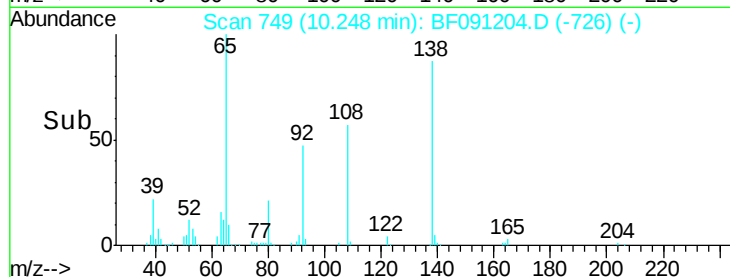
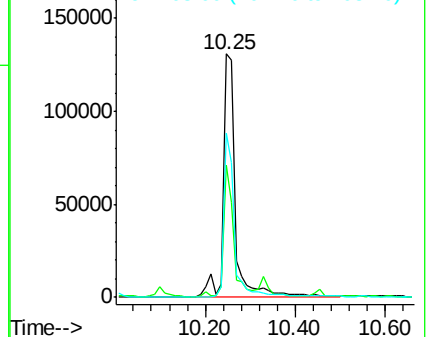
108 67.3 49.4 89.4



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: 34.21 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Tgt Ion: 77 Resp: 1177259

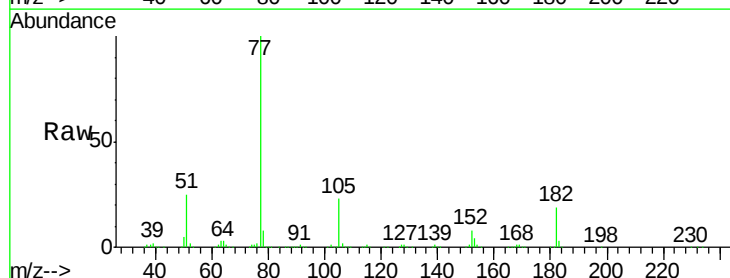
Ion Ratio Lower Upper

77 100

182 18.8 11.0 51.0

105 23.1 5.6 45.6

51 24.7 2.7 42.7

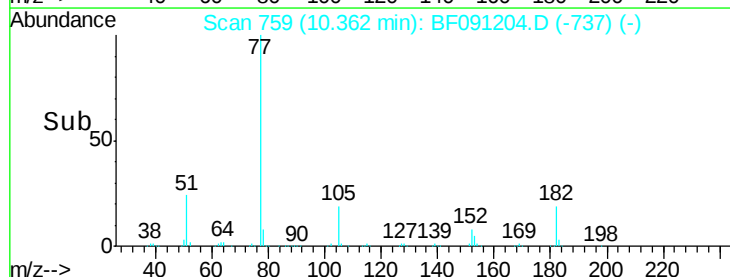
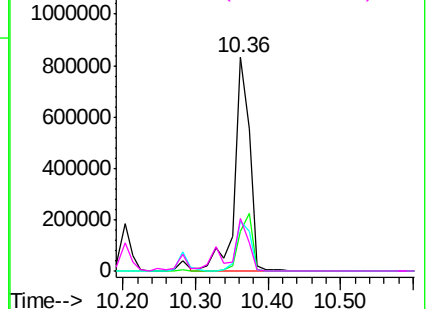


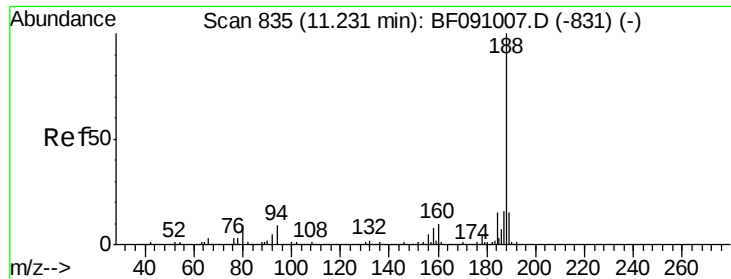
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

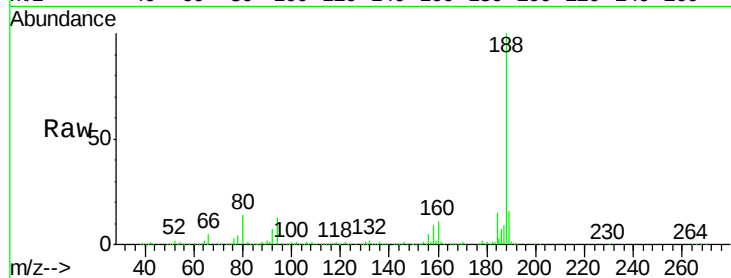




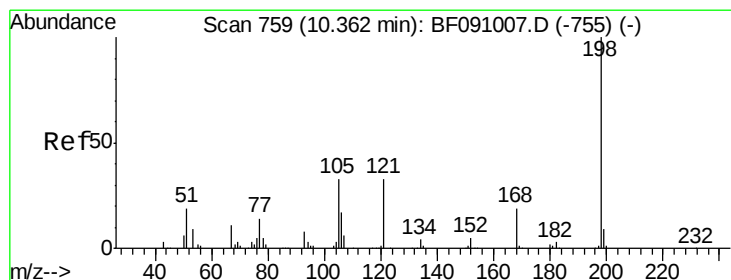
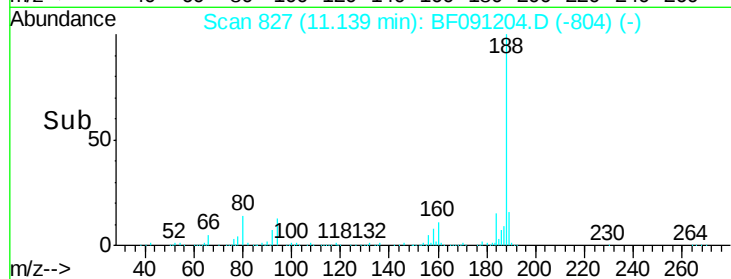
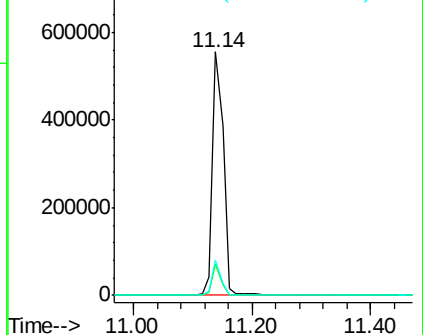
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion:188 Resp: 702641
Ion Ratio Lower Upper
188 100
94 13.0 7.0 10.4#
80 14.3 7.5 11.3#

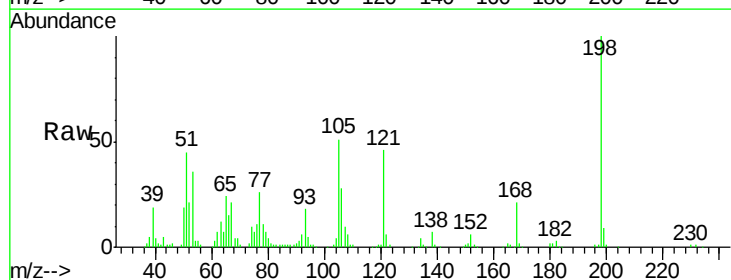


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

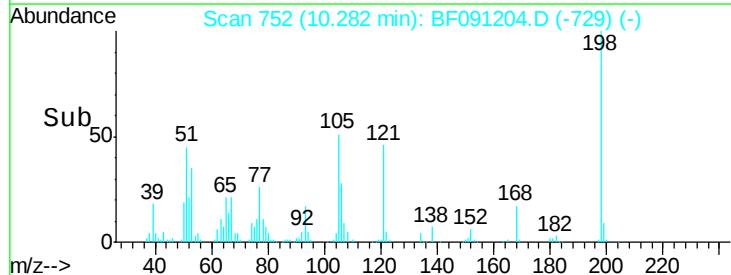
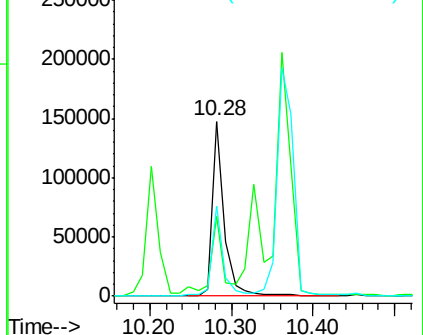


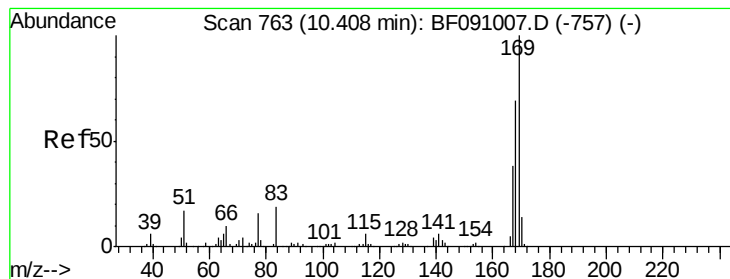
#64
4,6-Dinitro-2-methylphenol
Concen: 36.03 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:198 Resp: 155022
Ion Ratio Lower Upper
198 100
51 45.5 5.9 45.9
105 51.4 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: 41.18 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

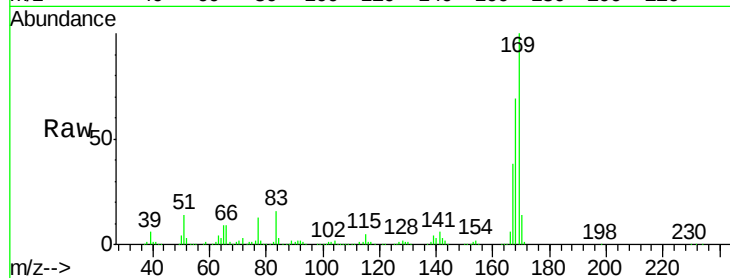
Tgt Ion:169 Resp: 919755

Ion Ratio Lower Upper

169 100

168 69.1 55.3 82.9

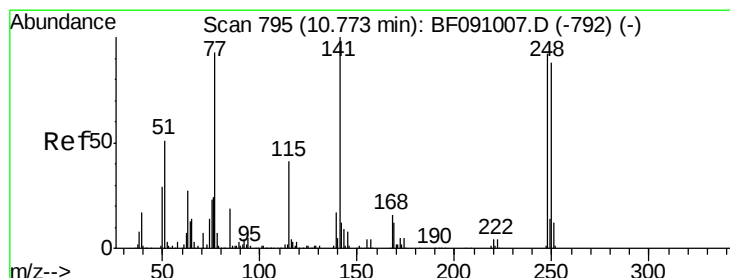
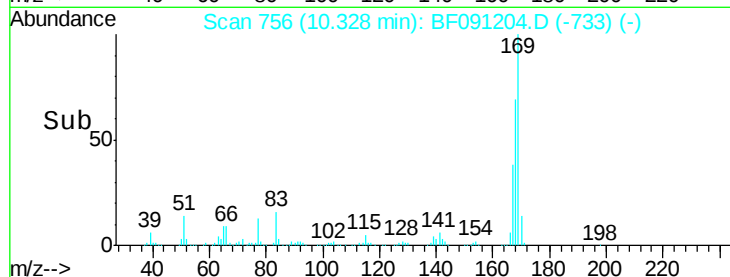
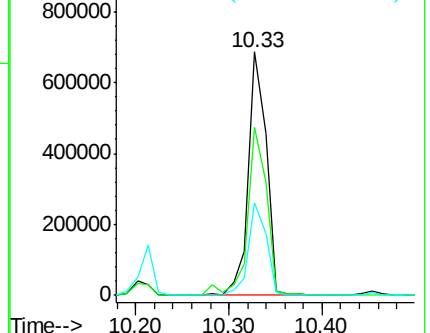
167 37.9 30.3 45.5



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: 46.03 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

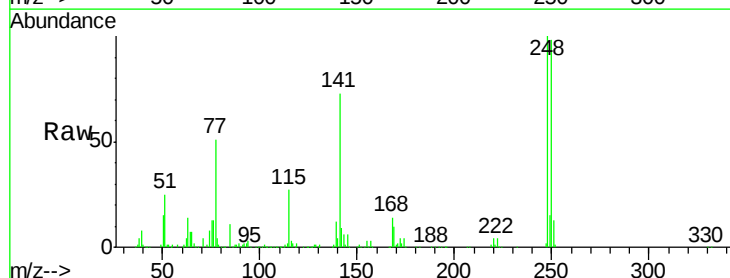
Tgt Ion:248 Resp: 336424

Ion Ratio Lower Upper

248 100

250 97.9 76.3 114.5

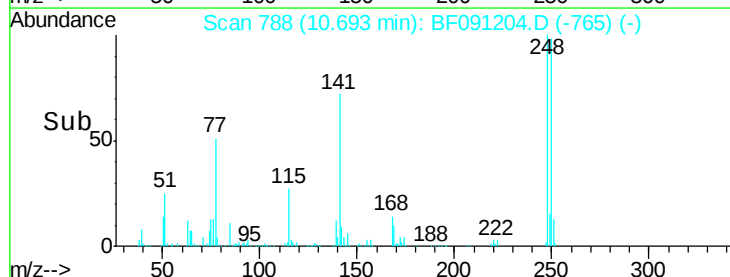
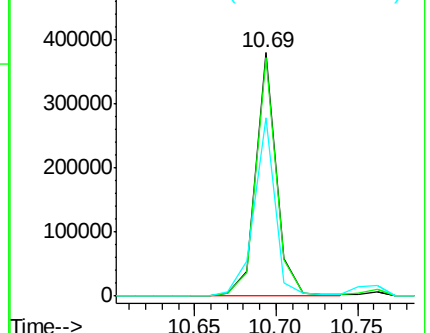
141 73.3 86.8 130.2#

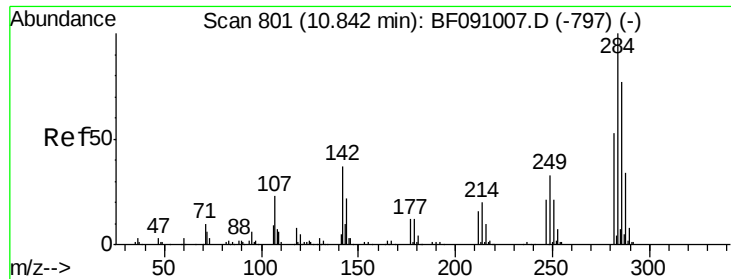


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

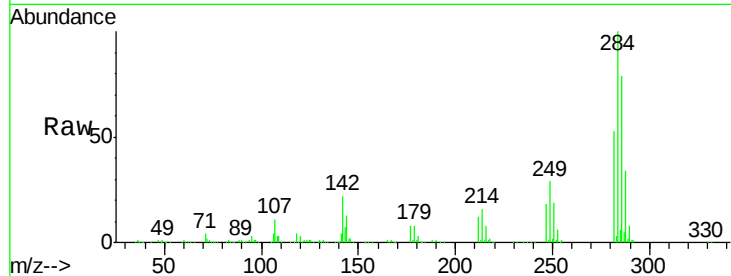




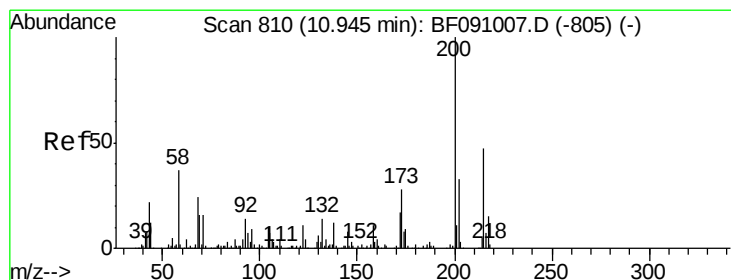
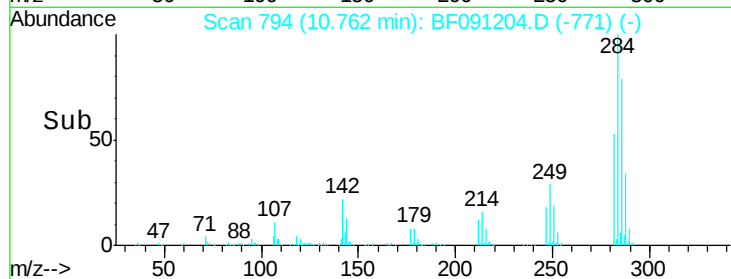
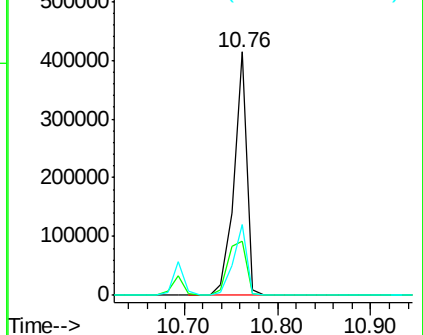
#67
Hexachlorobenzene
Concen: 50.05 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.3	29.9	44.9#
249	29.1	26.6	39.8

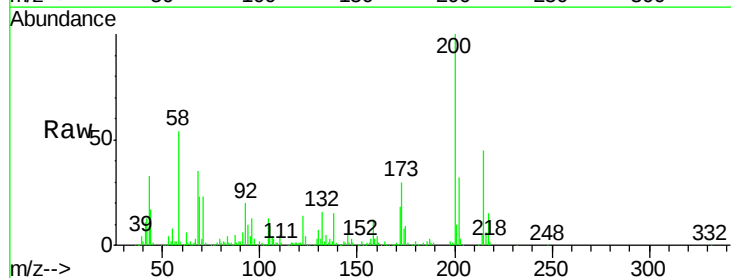


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

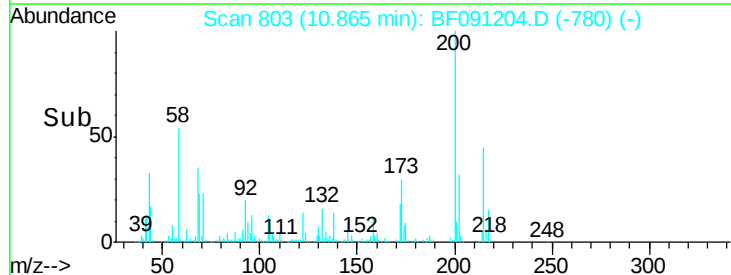
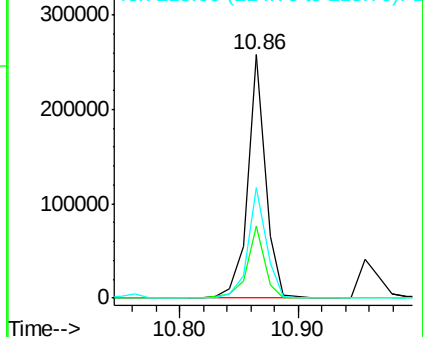


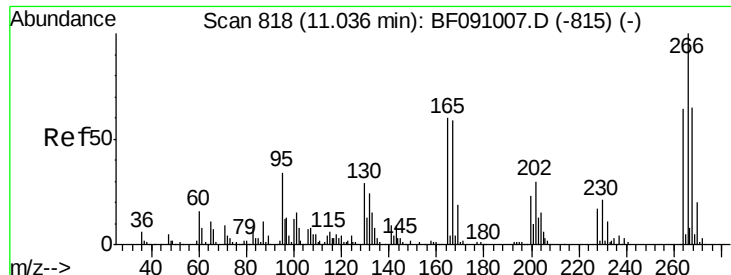
#68
Atrazine
Concen: 42.16 ng
RT: 10.86 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	8.1	48.1
215	45.4	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

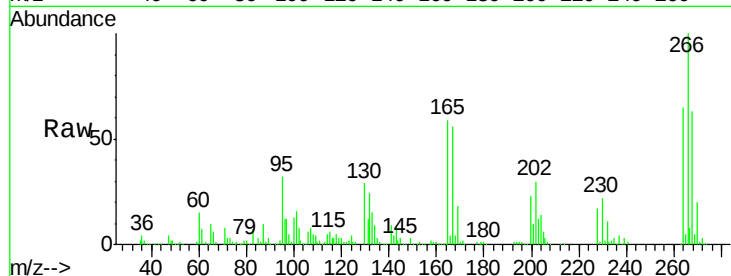




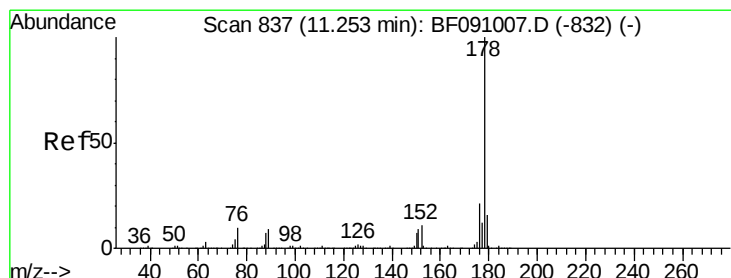
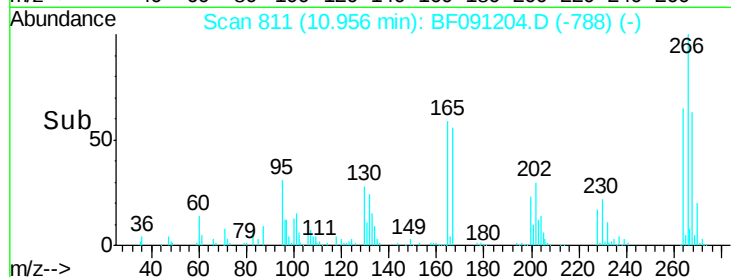
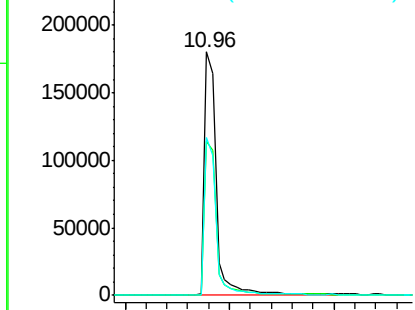
#69
 Pentachlorophenol
 Concen: 82.74 ng
 RT: 10.96 min Scan# 811
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion:266 Resp: 295403
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.1 78.1
 264 64.6 51.1 76.7

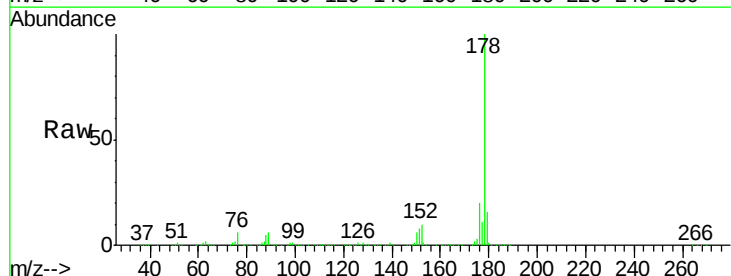


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

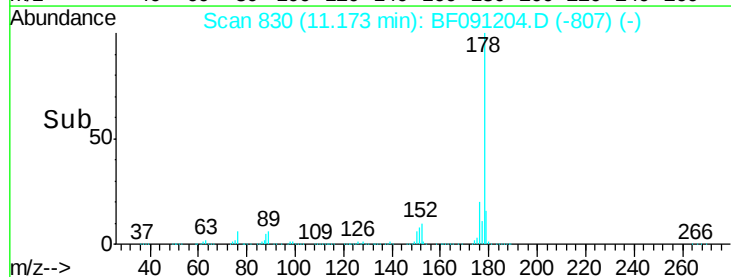
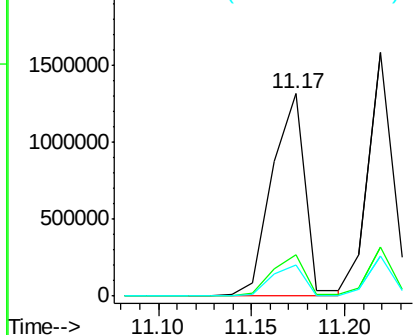


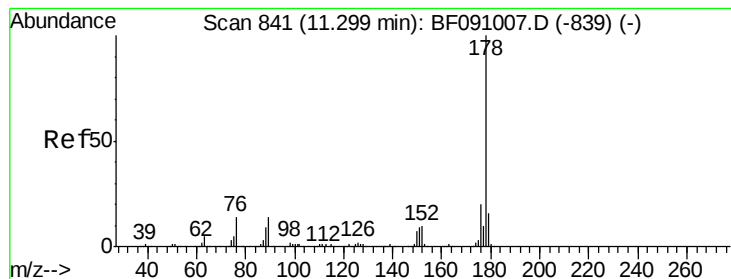
#70
 Phenanthrene
 Concen: 43.47 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:178 Resp: 1623550
 Ion Ratio Lower Upper
 178 100
 176 20.2 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: 37.92 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

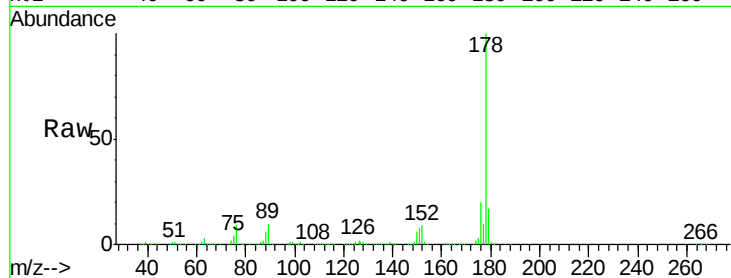
Tgt Ion:178 Resp: 1505946

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

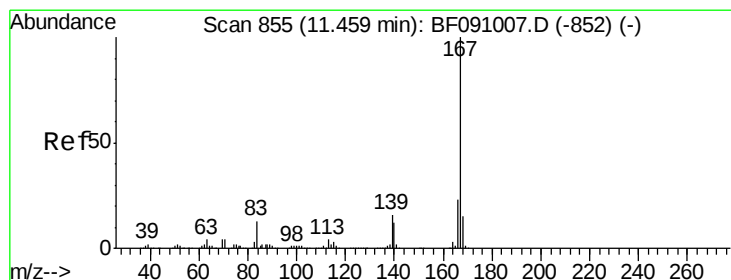
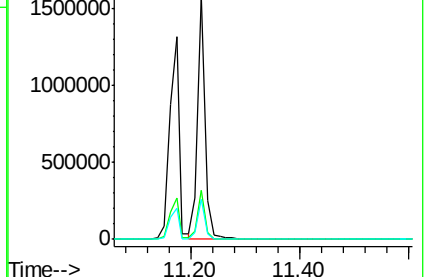
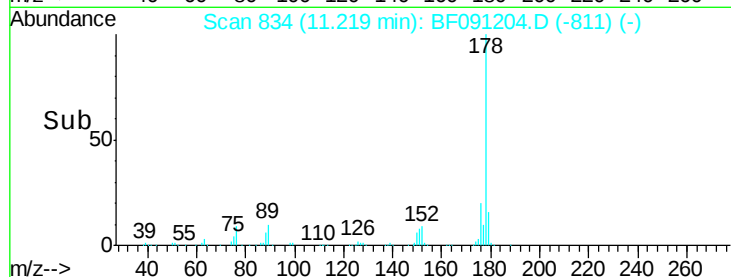
179 16.5 13.0 19.6



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: 35.76 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

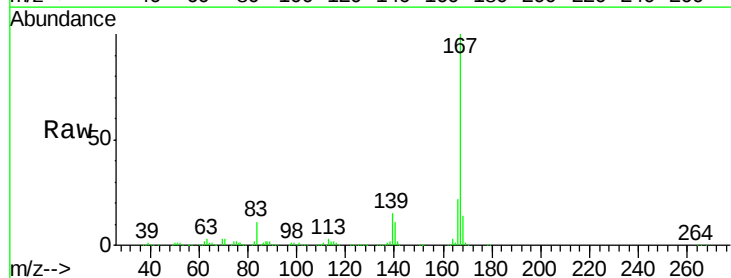
Tgt Ion:167 Resp: 1279839

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

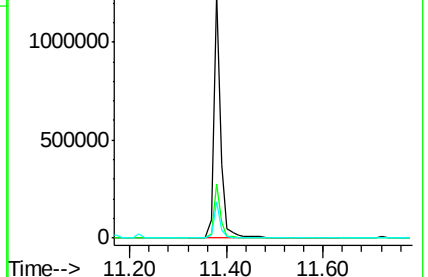
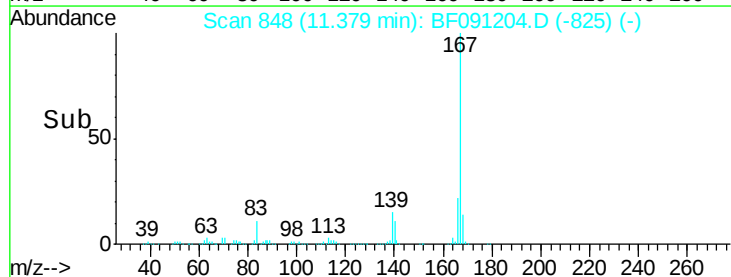
139 14.8 12.6 18.8

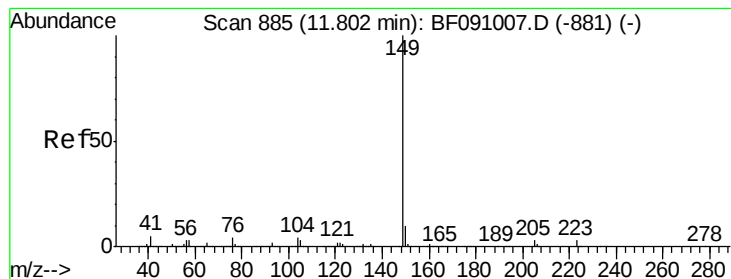


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.94 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

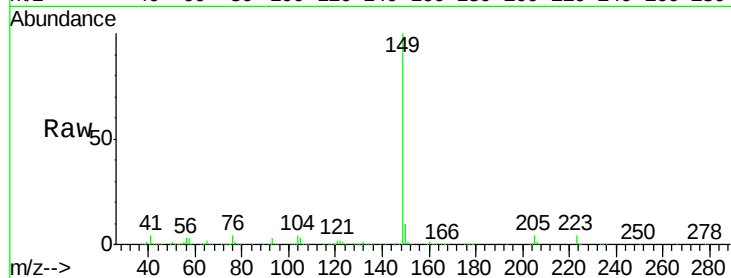
Tgt Ion:149 Resp: 1842812

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

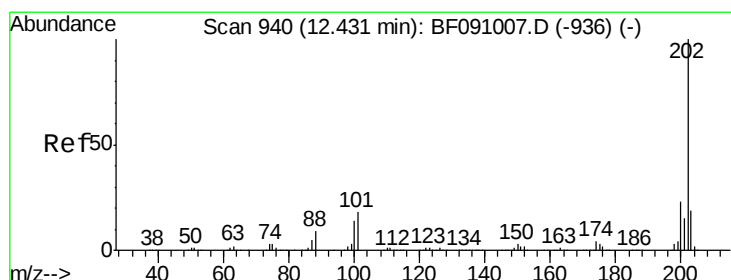
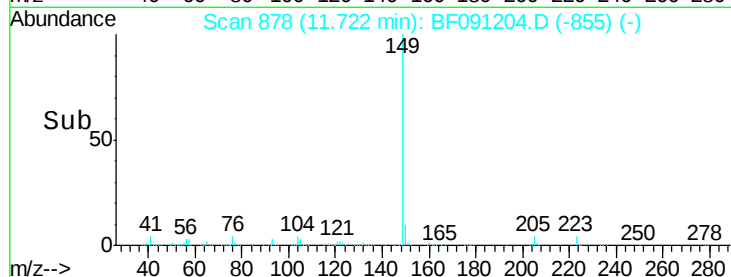
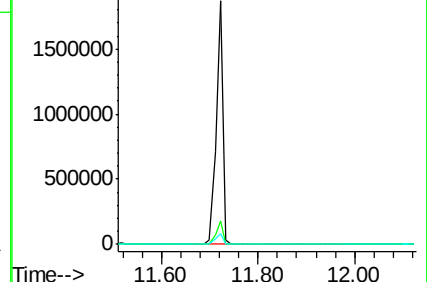
104 4.4 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.16 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

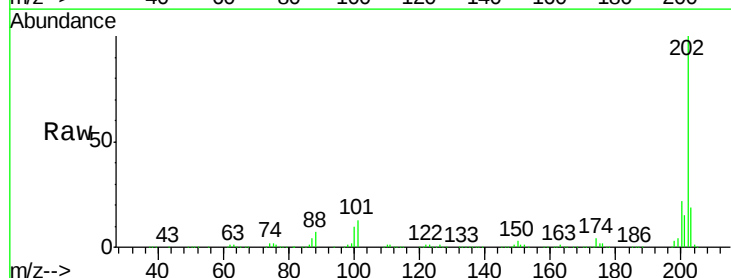
Tgt Ion:202 Resp: 1478443

Ion Ratio Lower Upper

202 100

101 13.3 0.0 37.6

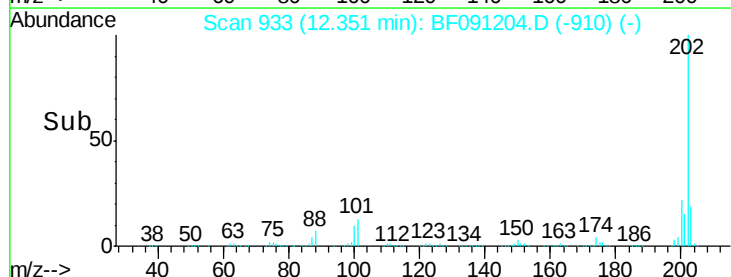
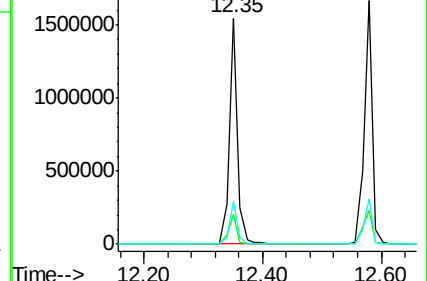
203 18.6 0.0 38.6

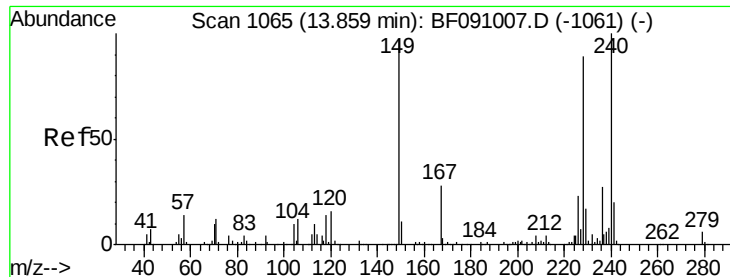


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

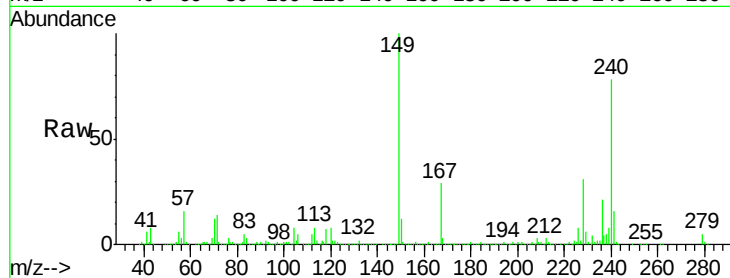
Tgt Ion:240 Resp: 588389

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

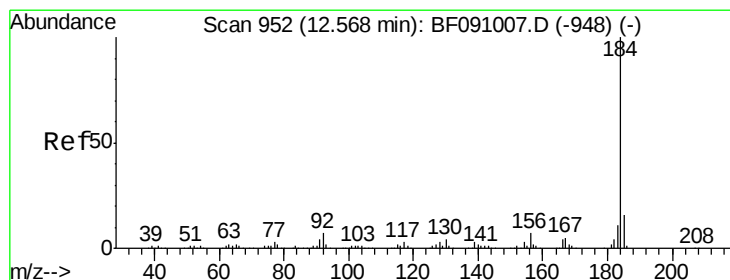
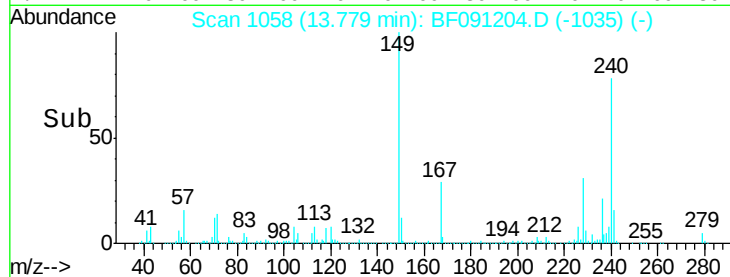
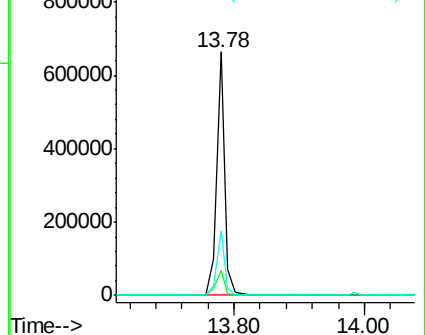
236 26.3 21.9 32.9



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: 30.16 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

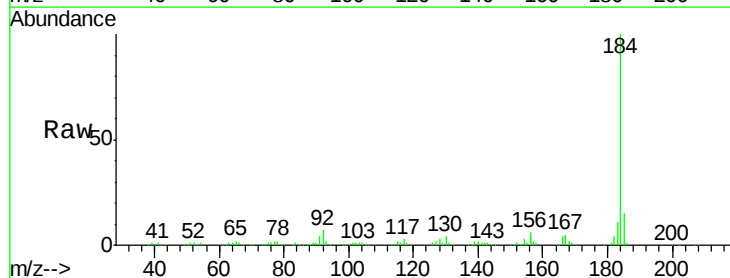
Tgt Ion:184 Resp: 396452

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.4

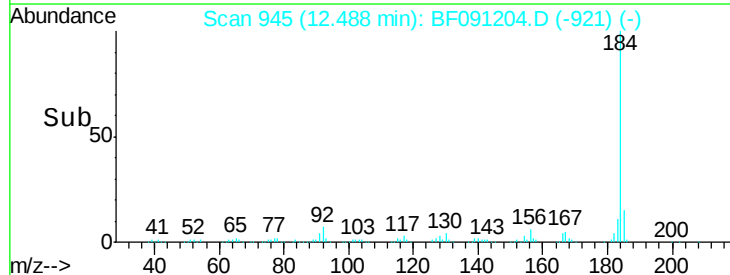
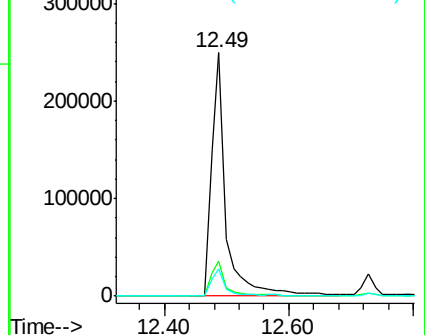
183 11.3 8.7 13.1



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

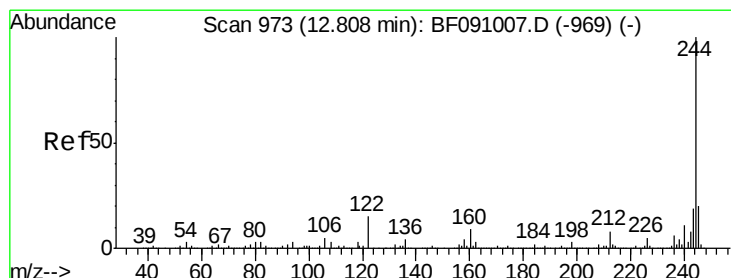
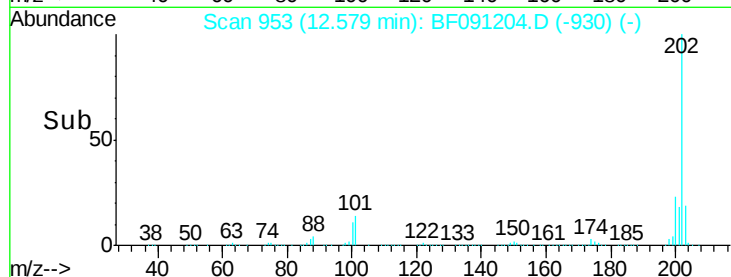
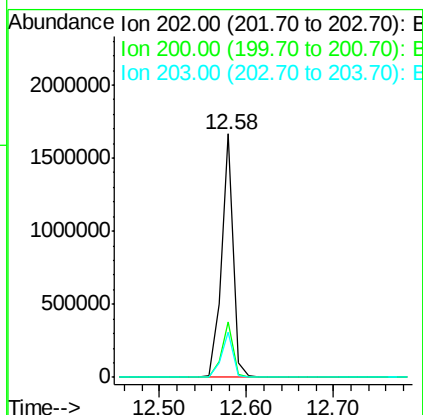
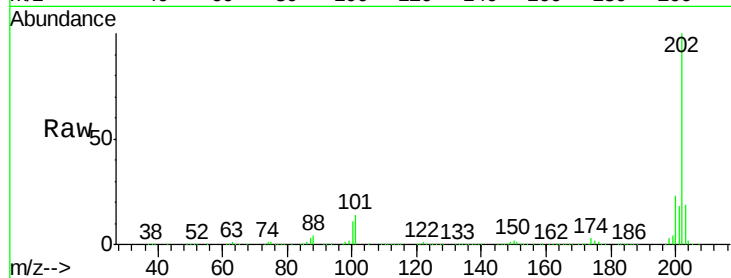




#77
 Pyrene
 Concen: 41.12 ng
 RT: 12.58 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

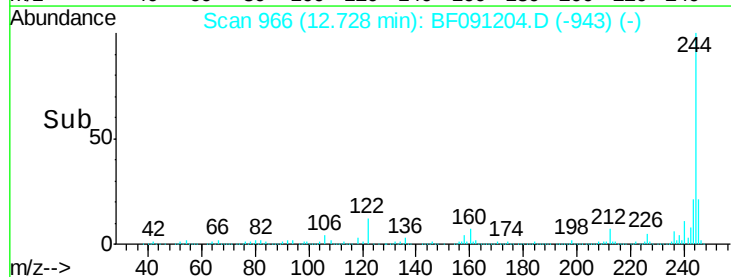
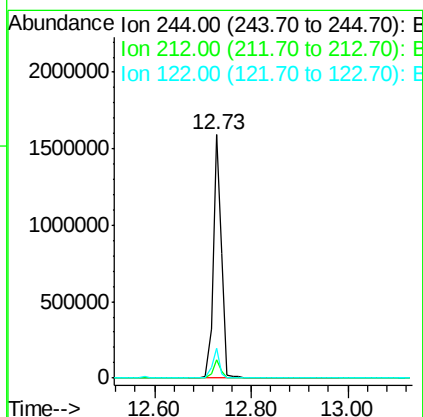
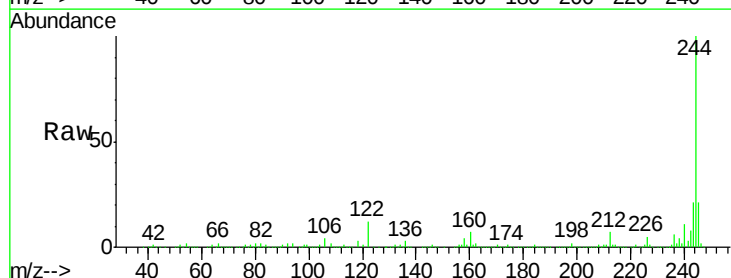
Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion:202 Resp: 1584548
 Ion Ratio Lower Upper
 202 100
 200 22.9 18.4 27.6
 203 18.6 15.0 22.6



#78
 Terphenyl-d14
 Concen: 81.72 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:244 Resp: 1926941
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 12.5 12.3 18.5

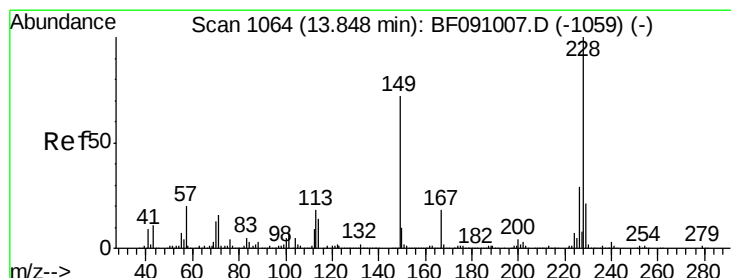
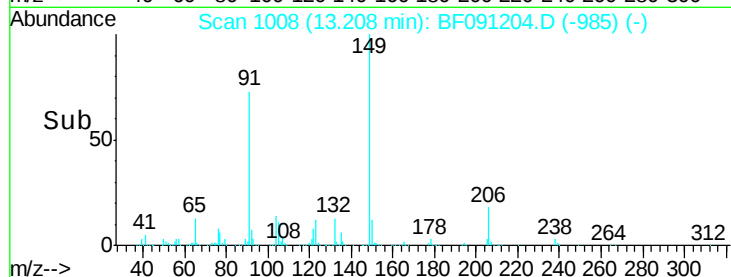
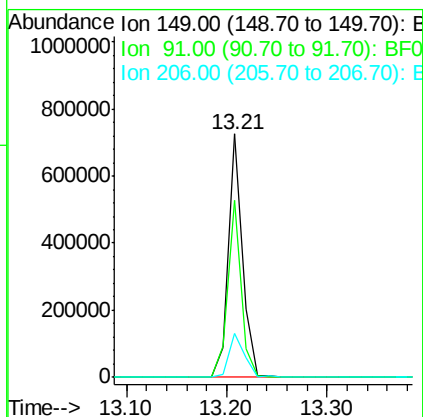
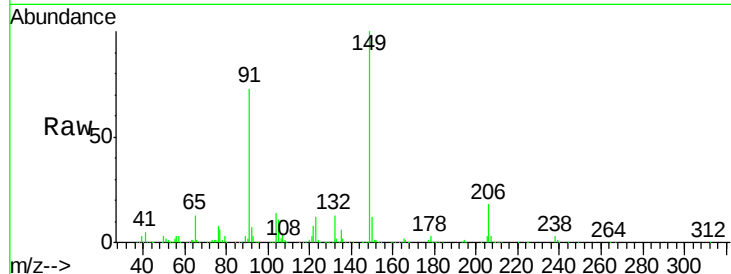




#79
Butylbenzylphthalate
Concen: 38.52 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

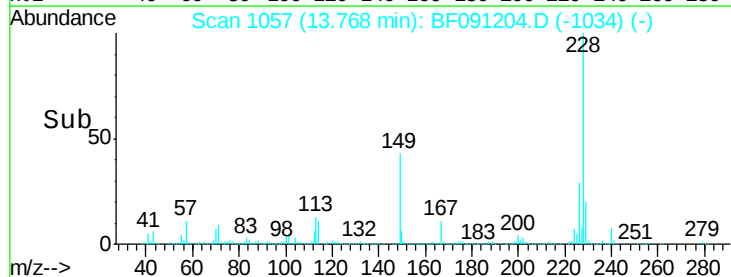
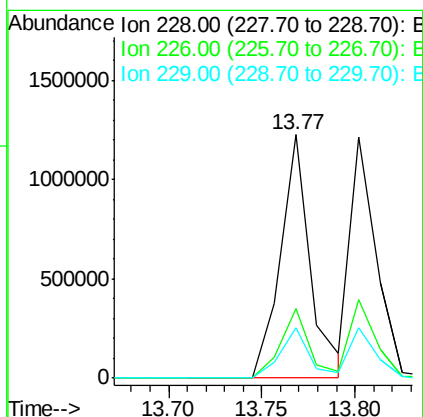
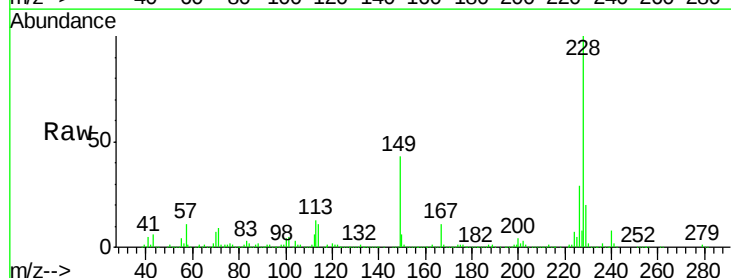
Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion:149 Resp: 709971
Ion Ratio Lower Upper
149 100
91 72.8 65.0 97.4
206 18.2 12.5 18.7



#80
Benzo(a)anthracene
Concen: 41.03 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:228 Resp: 1370734
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.6
229 20.5 16.6 24.8

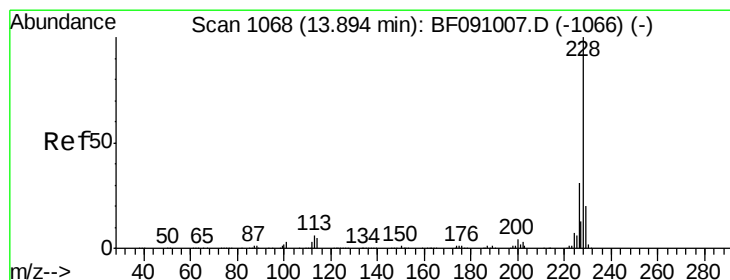
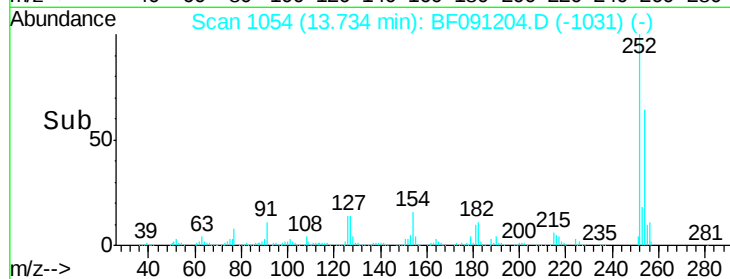
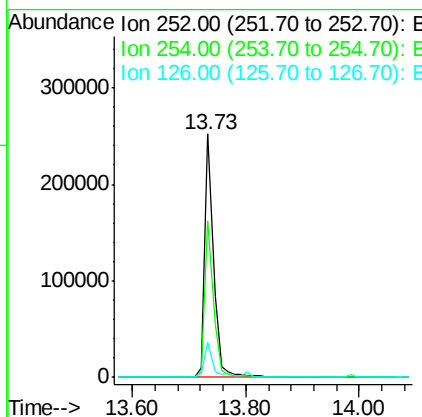
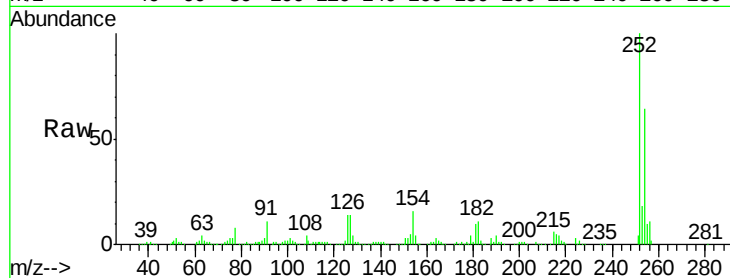




#81
 3,3'-Dichlorobenzidine
 Concen: 22.11 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

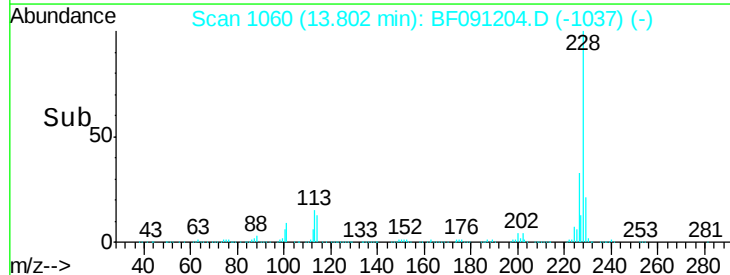
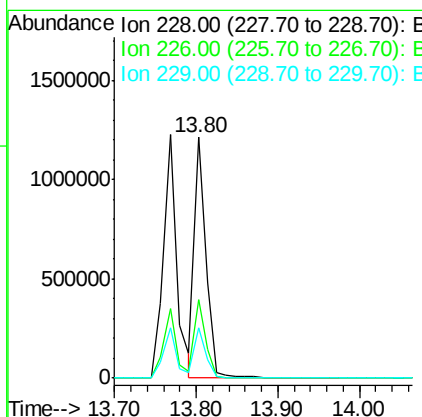
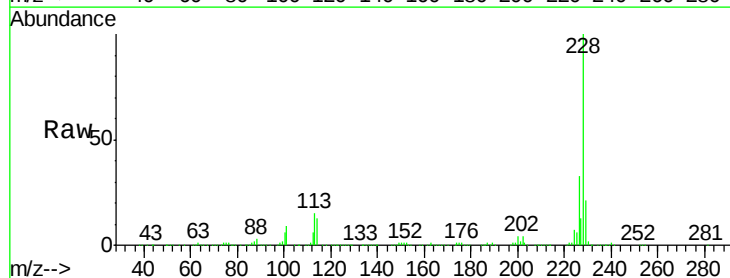
Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

Tgt Ion:252 Resp: 259445
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.0 78.0
 126 14.5 5.4 8.2#



#82
 Chrysene
 Concen: 36.71 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:228 Resp: 1209335
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 21.1 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.43 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

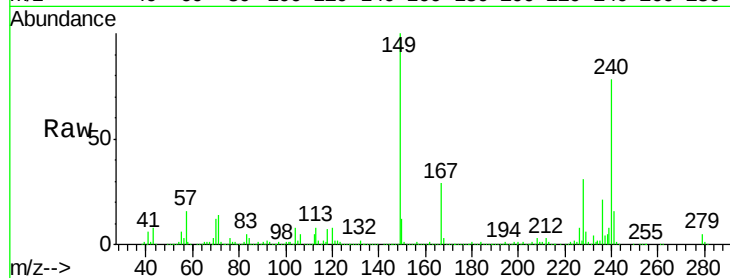
Tgt Ion:149 Resp: 983523

Ion Ratio Lower Upper

149 100

167 28.7 20.4 30.6

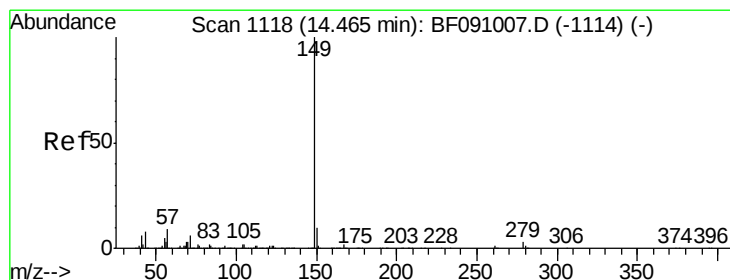
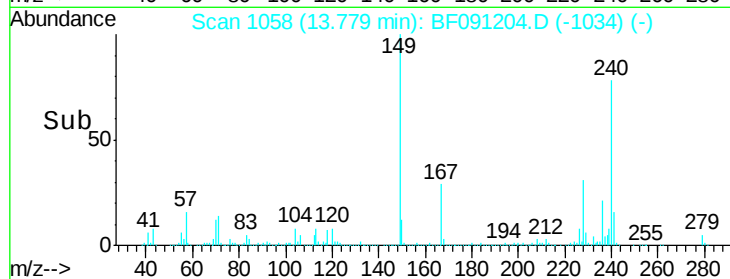
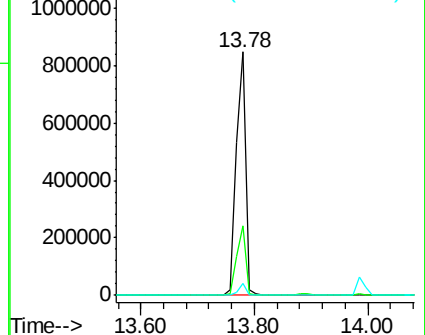
279 5.1 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.72 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

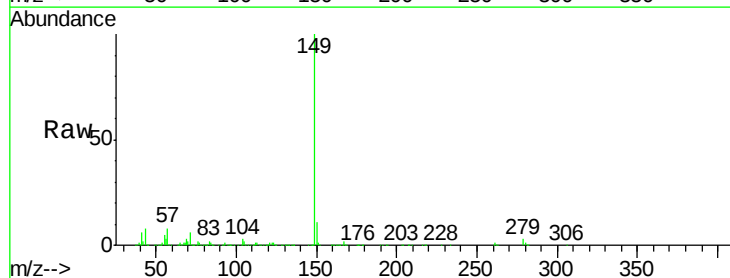
Tgt Ion:149 Resp: 1751996

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

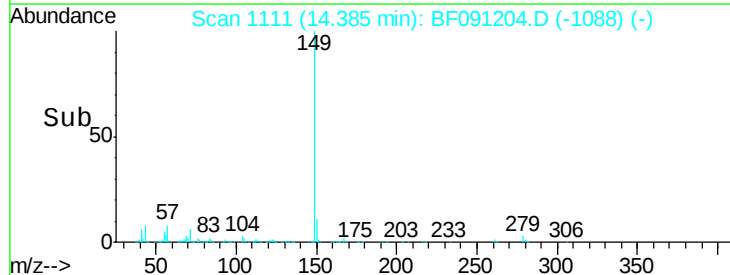
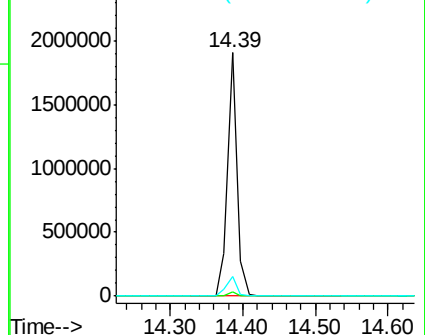
43 9.0 8.2 12.4

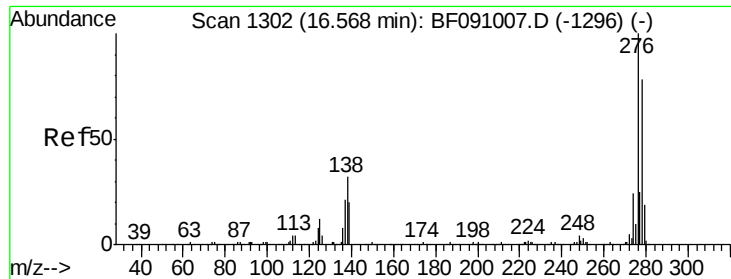


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

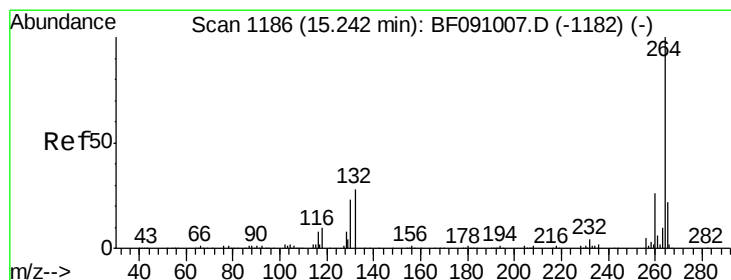
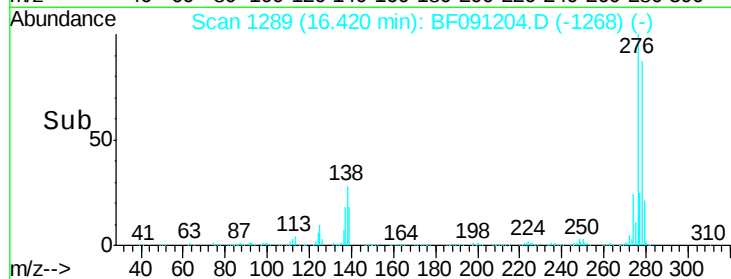
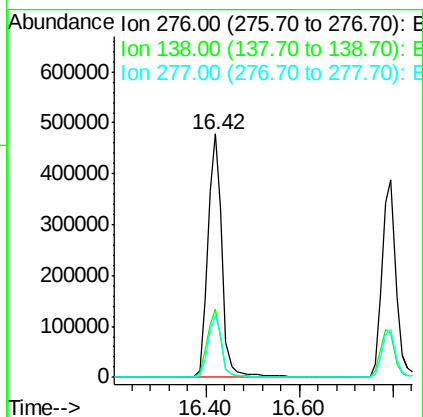
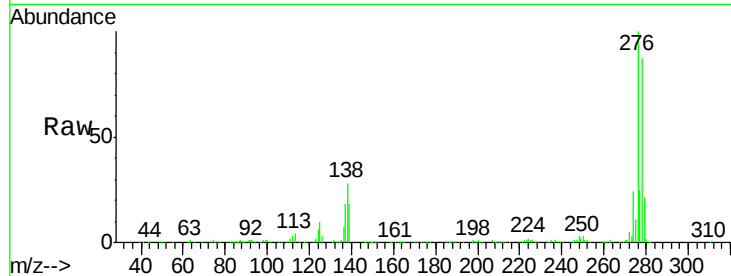




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.59 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

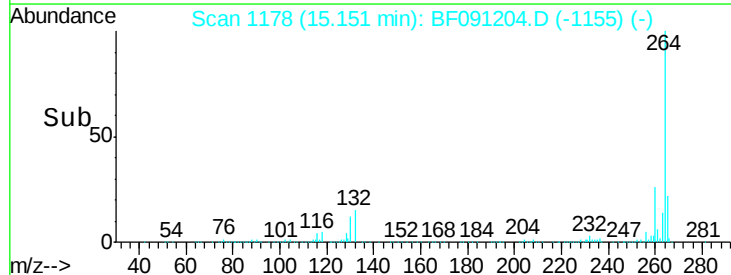
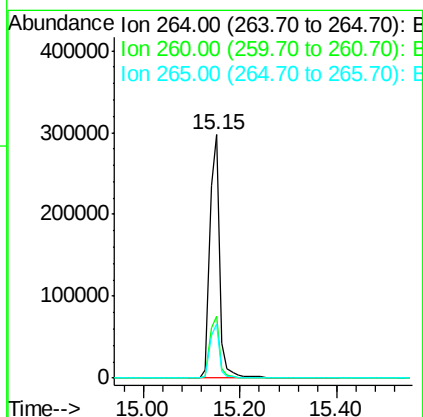
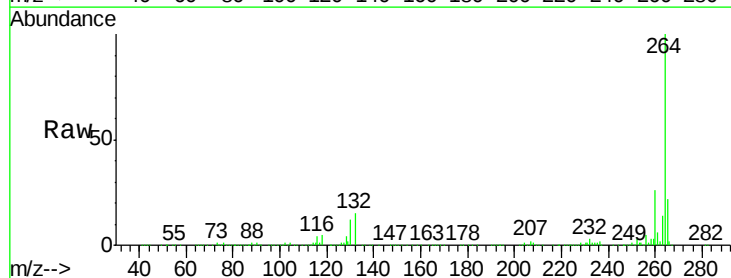
Instrument :
 BNA_F
 ClientSampleId :
 PB94754BS

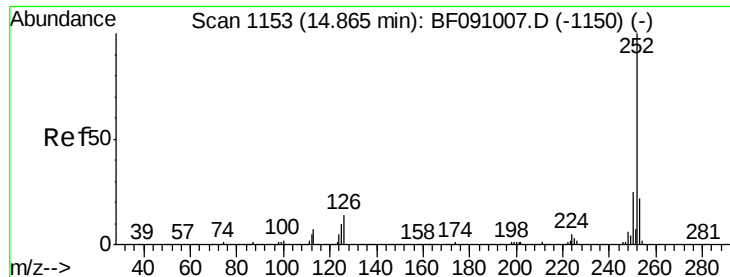
Tgt Ion:276 Resp: 1027260
 Ion Ratio Lower Upper
 276 100
 138 28.2 26.0 39.0
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091204.D
 Acq: 16 Nov 2016 22:39

Tgt Ion:264 Resp: 426839
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 30.8
 265 22.1 17.8 26.8

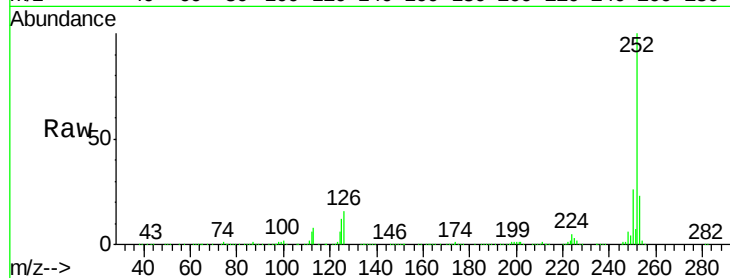




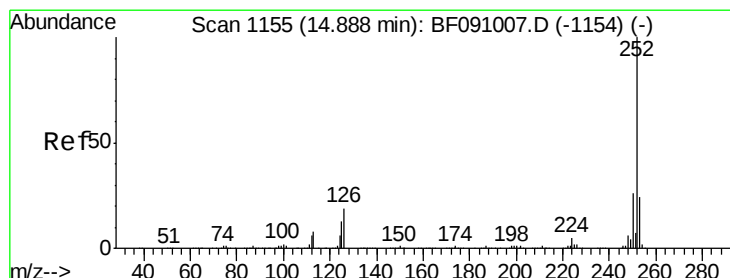
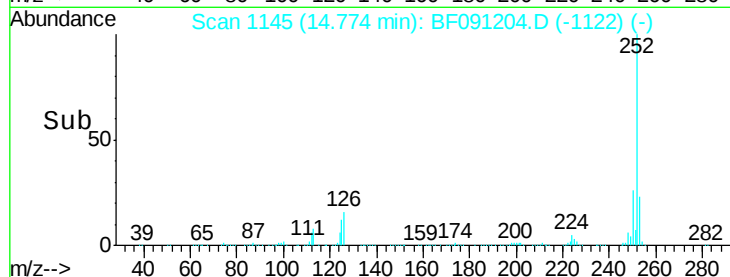
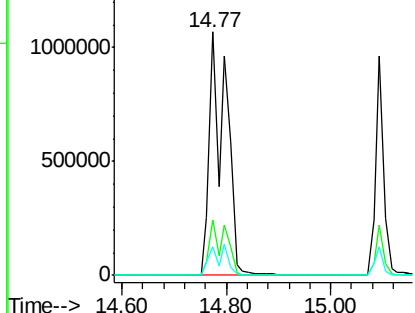
#87
Benzo(b)fluoranthene
Concen: 80.49 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
PB94754BS

Tgt Ion:252 Resp: 2330047
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.9 8.3 12.5

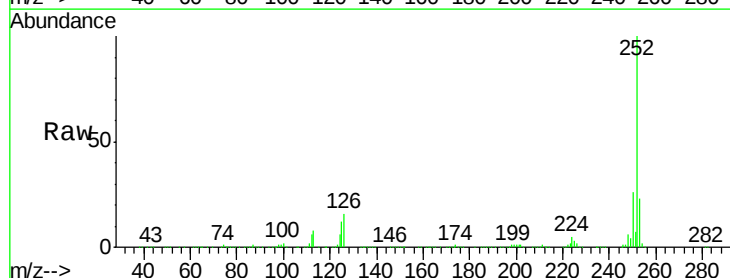


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

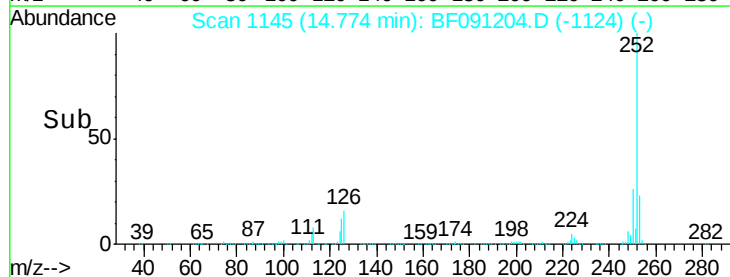
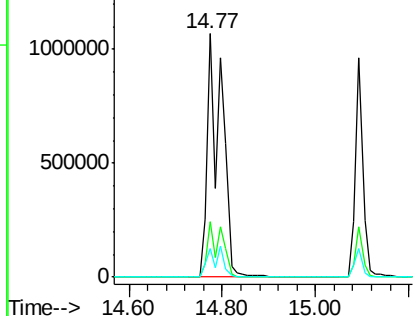


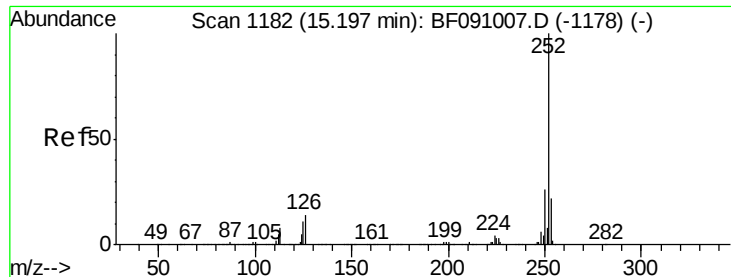
#88
Benzo(k)fluoranthene
Concen: 91.85 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.06 min
Lab File: BF091204.D
Acq: 16 Nov 2016 22:39

Tgt Ion:252 Resp: 2332546
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 11.9 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: 41.93 ng

RT: 15.09 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

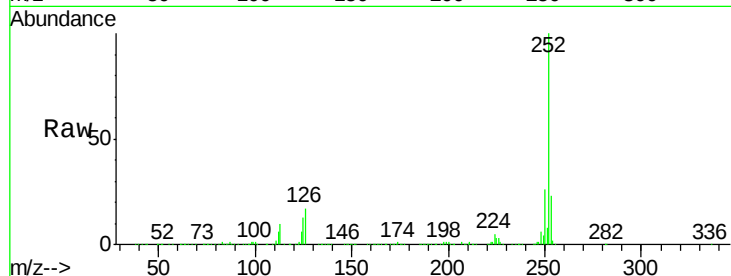
Tgt Ion:252 Resp: 1056828

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

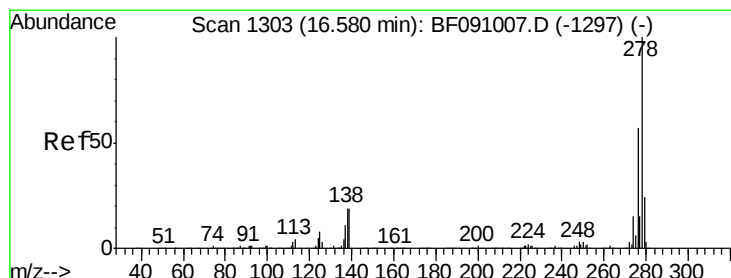
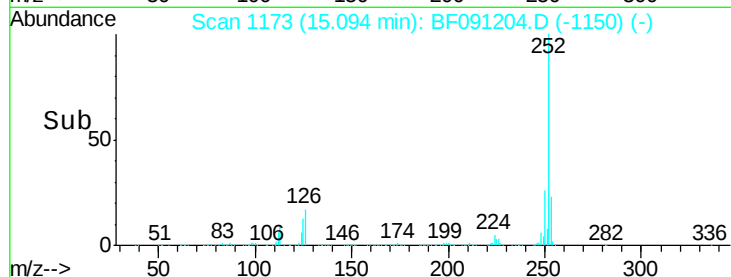
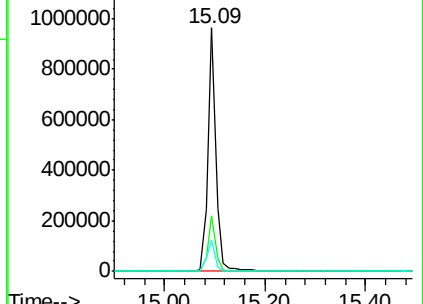
125 12.9 8.6 13.0



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: 40.29 ng

RT: 16.43 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

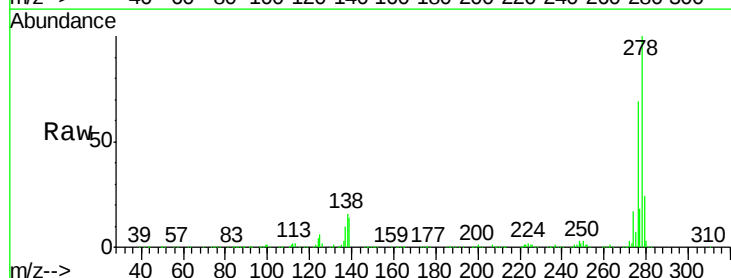
Tgt Ion:278 Resp: 877864

Ion Ratio Lower Upper

278 100

139 13.7 15.3 22.9#

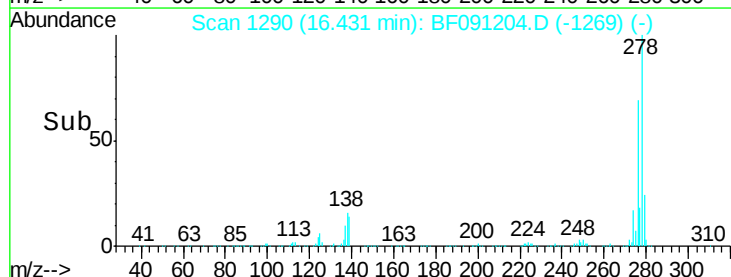
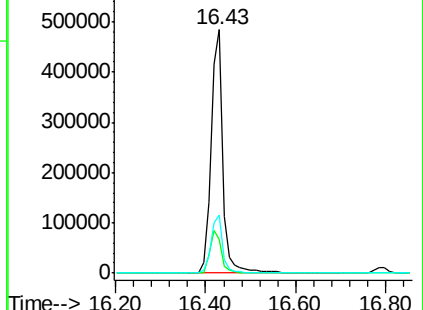
279 23.8 19.3 28.9

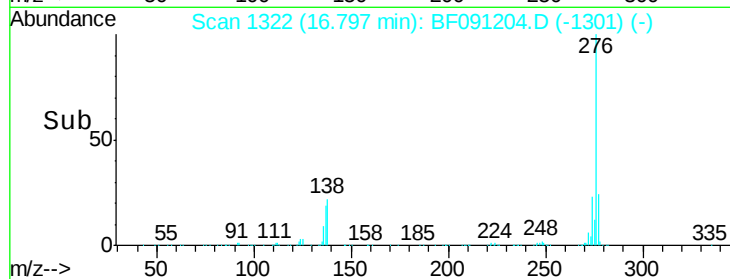
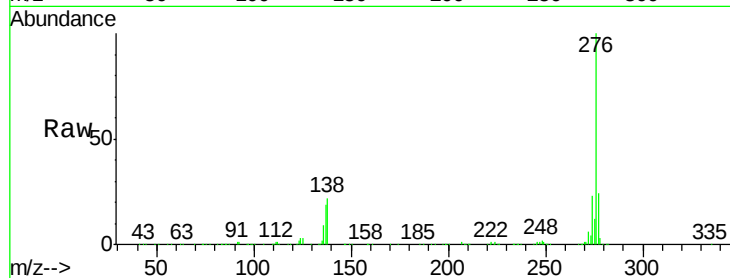
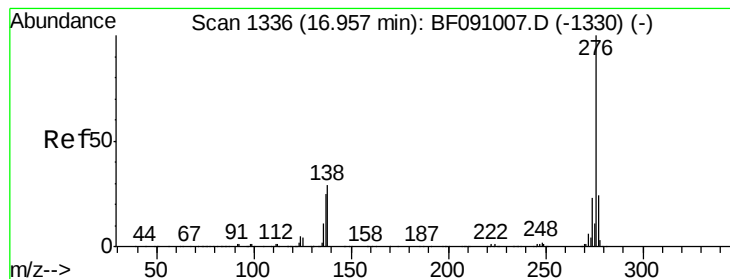


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.00 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091204.D

Acq: 16 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

PB94754BS

Tgt Ion: 276 Resp: 807918

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 22.3 23.3 34.9#

