

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091206.D
 Acq On : 16 Nov 2016 23:34
 Operator : UM/SJ
 Sample : H5657-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Quant Time: Nov 17 01:07:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	189446	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	834789	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	458285	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	688484	20.00	ng	0.00
75) Chrysene-d12	13.78	240	534190	20.00	ng	0.00
86) Perylene-d12	15.15	264	400205	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1616213	140.90	ng	0.02
7) Phenol-d6	6.28	99	2061708	132.42	ng	0.00
23) Nitrobenzene-d5	7.20	82	1347197	88.03	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	581773	140.42	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	2377002	89.30	ng	0.00
78) Terphenyl-d14	12.73	244	2128714	99.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	207502	31.62	ng	95
3) Pyridine	2.78	79	456144	29.72	ng	95
4) n-Nitrosodimethylamine	2.75	42	241336	39.75	ng	83
6) Aniline	6.29	93	484865	26.40	ng	# 50
8) 2-Chlorophenol	6.41	128	596197	43.57	ng	93
9) Benzaldehyde	6.18	77	48546	5.62	ng	94
10) Phenol	6.30	94	688105	39.93	ng	# 56
11) bis(2-Chloroethyl)ether	6.37	93	634614	43.71	ng	87
12) 1,3-Dichlorobenzene	6.56	146	599703m	43.34	ng	
13) 1,4-Dichlorobenzene	6.64	146	639545	43.07	ng	96
14) 1,2-Dichlorobenzene	6.80	146	555447	40.76	ng	95
15) Benzyl Alcohol	6.78	79	494292	45.01	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.91	45	733073	35.26	ng	# 33
17) 2-Methylphenol	6.91	107	498571	46.03	ng	94
18) Hexachloroethane	7.13	117	236031	41.08	ng	91
19) n-Nitroso-di-n-propylamine	7.06	70	480880	44.57	ng	# 91
20) 3+4-Methylphenols	7.06	107	644847	49.58	ng	89
22) Acetophenone	7.05	105	864993	45.00	ng	# 94
24) Nitrobenzene	7.22	77	710175	42.02	ng	97
25) Isophorone	7.46	82	1274683	43.23	ng	99
26) 2-Nitrophenol	7.54	139	332225	46.45	ng	# 70
27) 2,4-Dimethylphenol	7.58	122	536507	45.36	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	784932	48.72	ng	99
29) 2,4-Dichlorophenol	7.78	162	485468	47.03	ng	96
30) 1,2,4-Trichlorobenzene	7.86	180	536735	46.24	ng	99
31) Naphthalene	7.93	128	1705917	42.73	ng	99
32) Benzoic acid	7.73	122	156398	20.23	ng	98
33) 4-Chloroaniline	8.00	127	330446	19.90	ng	98
34) Hexachlorobutadiene	8.05	225	300381	47.95	ng	99
35) Caprolactam	8.38	113	156818m	48.35	ng	
36) 4-Chloro-3-methylphenol	8.50	107	551407	44.12	ng	93
37) 2-Methylnaphthalene	8.62	142	1113768	43.40	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	553251	47.35	ng	99
40) Hexachlorocyclopentadiene	8.78	237	425799	92.76	ng	99

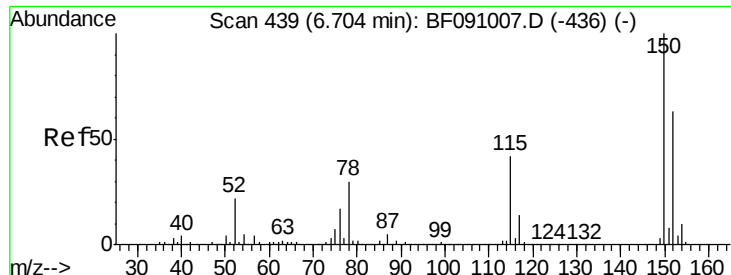
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091206.D
 Acq On : 16 Nov 2016 23:34
 Operator : UM/SJ
 Sample : H5657-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Quant Time: Nov 17 01:07:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	330654	43.84	ng	95
43) 2,4,5-Trichlorophenol	8.97	196	377327	47.65	ng	97
45) 1,1'-Biphenyl	9.09	154	1418271	42.38	ng	98
46) 2-Chloronaphthalene	9.12	162	1133192	44.60	ng	97
47) 2-Nitroaniline	9.22	65	358751	38.05	ng	94
48) Acenaphthylene	9.53	152	1622627	40.98	ng	99
49) Dimethylphthalate	9.40	163	1669802	55.57	ng	100
50) 2,6-Dinitrotoluene	9.47	165	315065	48.92	ng	# 65
51) Acenaphthene	9.70	154	1033078	41.56	ng	99
52) 3-Nitroaniline	9.63	138	182909	23.95	ng	94
53) 2,4-Dinitrophenol	9.76	184	176138	52.54	ng	93
54) Dibenzofuran	9.87	168	1398532	41.80	ng	98
55) 4-Nitrophenol	9.82	139	335367	66.95	ng	87
56) 2,4-Dinitrotoluene	9.87	165	324405	39.59	ng	# 70
57) Fluorene	10.21	166	1144964	41.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	298639	48.13	ng	98
59) Diethylphthalate	10.10	149	1252976	40.67	ng	98
60) 4-Chlorophenyl-phenylether	10.20	204	515250	41.39	ng	# 75
61) 4-Nitroaniline	10.26	138	287195	37.17	ng	92
62) Azobenzene	10.36	77	1413888	38.98	ng	85
64) 4,6-Dinitro-2-methylphenol	10.28	198	168483	39.96	ng	# 49
65) n-Nitrosodiphenylamine	10.33	169	1021914	46.70	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	342811	47.87	ng	# 81
67) Hexachlorobenzene	10.76	284	411982	52.16	ng	# 83
68) Atrazine	10.86	200	272253	43.12	ng	99
69) Pentachlorophenol	10.96	266	317748	90.83	ng	98
70) Phenanthrene	11.17	178	1616333	44.16	ng	99
71) Anthracene	11.22	178	1514700	38.93	ng	99
72) Carbazole	11.38	167	1301208	37.11	ng	99
73) Di-n-butylphthalate	11.72	149	1848065	41.91	ng	99
74) Fluoranthene	12.35	202	1488813	39.22	ng	95
76) Benzidine	12.49	184	396463	33.22	ng	97
77) Pyrene	12.58	202	1617560	46.24	ng	100
79) Butylbenzylphthalate	13.21	149	723531	43.24	ng	# 89
80) Benzo(a)anthracene	13.77	228	1376247	45.38	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	292567	27.46	ng	# 96
82) Chrysene	13.80	228	1147096	38.36	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	980757	43.31	ng	# 92
84) Di-n-octyl phthalate	14.39	149	1639739	44.04	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.42	276	1001633	40.37	ng	96
87) Benzo(b)fluoranthene	14.77	252	1148772m	42.32	ng	
88) Benzo(k)fluoranthene	14.80	252	1043162m	43.81	ng	
89) Benzo(a)pyrene	15.09	252	1014910	42.95	ng	100
90) Dibenzo(a,h)anthracene	16.42	278	848753	41.55	ng	99
91) Benzo(g,h,i)perylene	16.80	276	801136	43.37	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

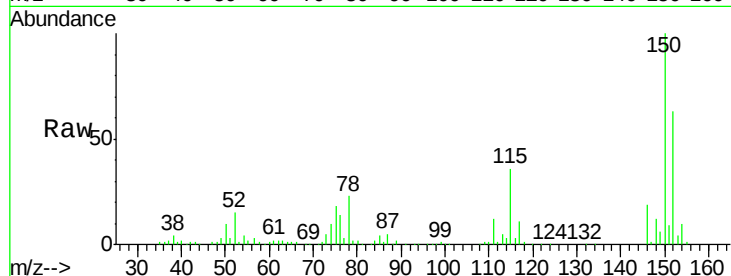
Tgt Ion:152 Resp: 189446

Ion Ratio Lower Upper

152 100

150 157.7 126.8 190.2

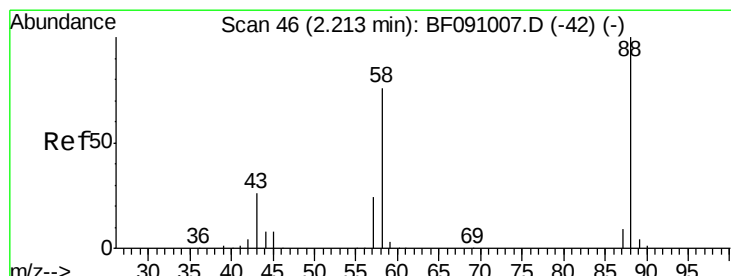
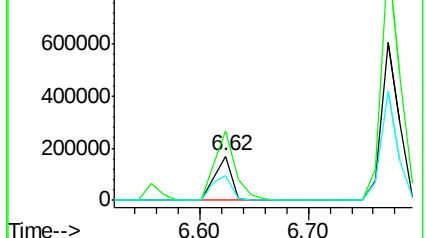
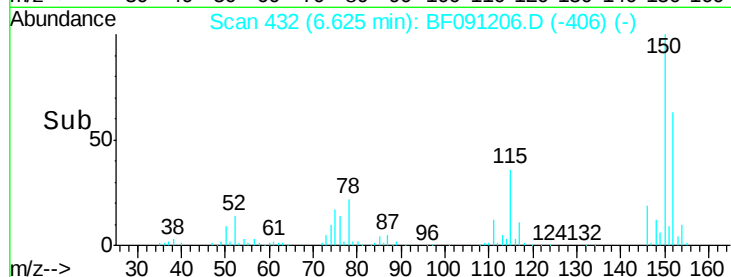
115 56.8 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.62 ng

RT: 2.14 min Scan# 40

Delta R.T. 0.05 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

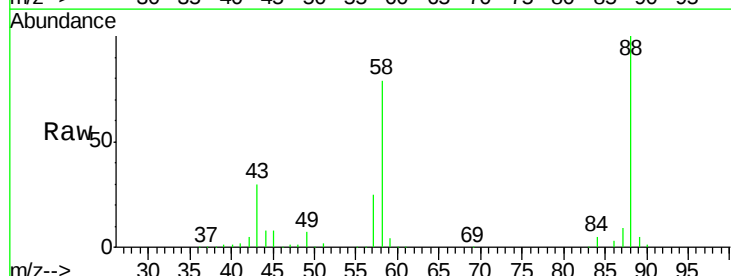
Tgt Ion: 88 Resp: 207502

Ion Ratio Lower Upper

88 100

58 75.7 63.8 95.6

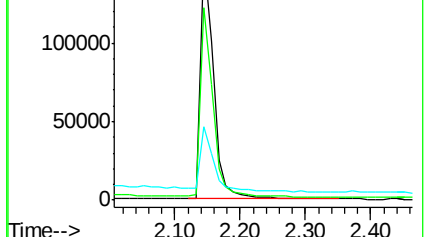
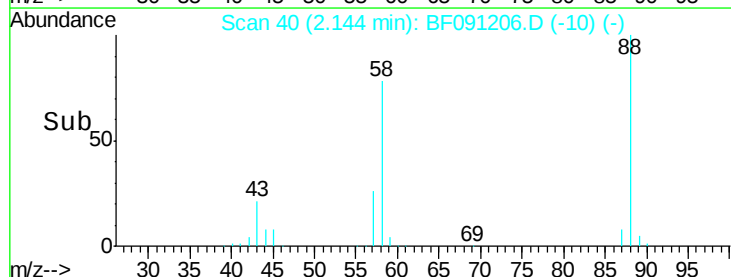
43 32.1 22.6 33.8

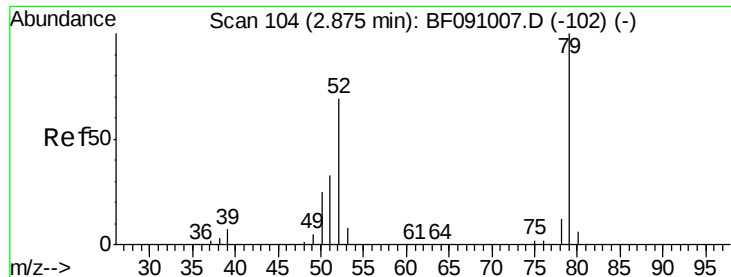


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.72 ng

RT: 2.78 min Scan# 96

Delta R.T. 0.06 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

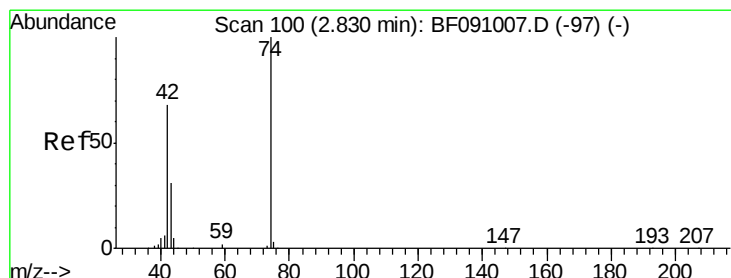
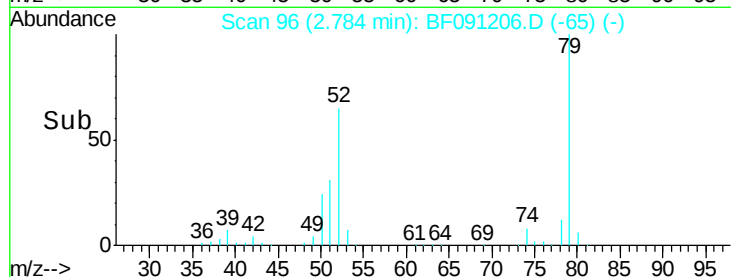
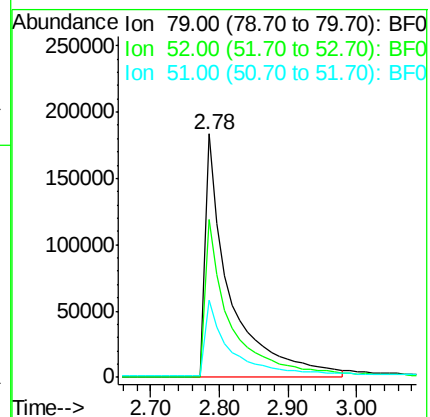
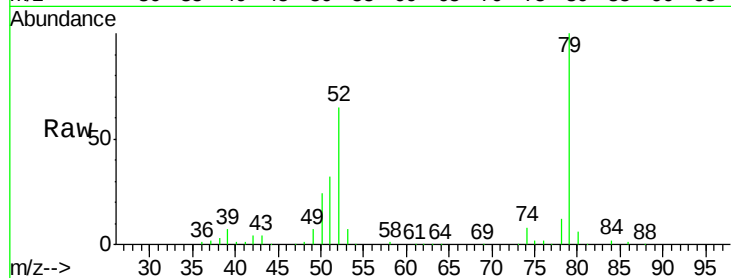
Tgt Ion: 79 Resp: 456144

Ion Ratio Lower Upper

79 100

52 64.9 55.4 83.0

51 31.7 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 39.75 ng

RT: 2.75 min Scan# 93

Delta R.T. 0.05 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

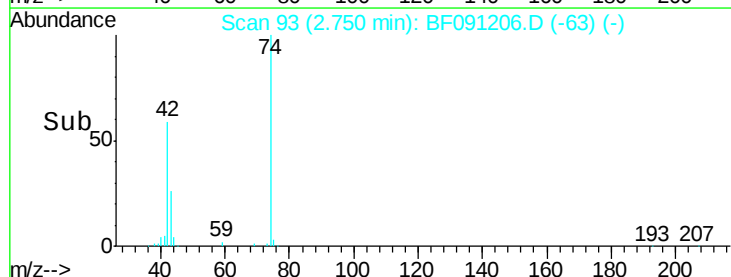
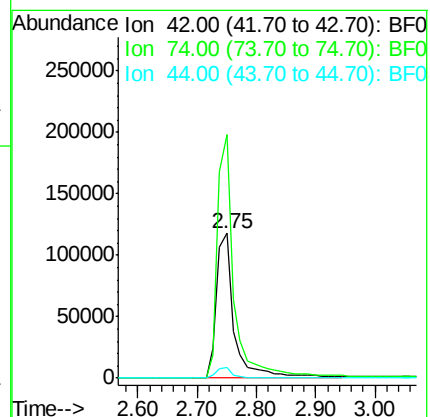
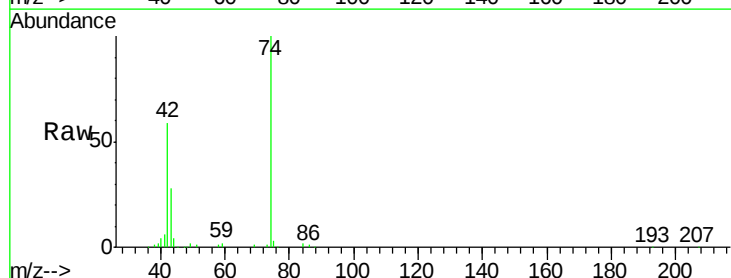
Tgt Ion: 42 Resp: 241336

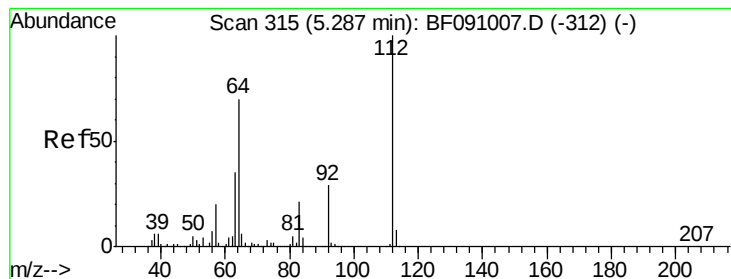
Ion Ratio Lower Upper

42 100

74 168.4 117.3 175.9

44 7.4 5.8 8.8





#5

2-Fluorophenol

Concen: 140.90 ng

RT: 5.22 min Scan# 309

Delta R.T. 0.02 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

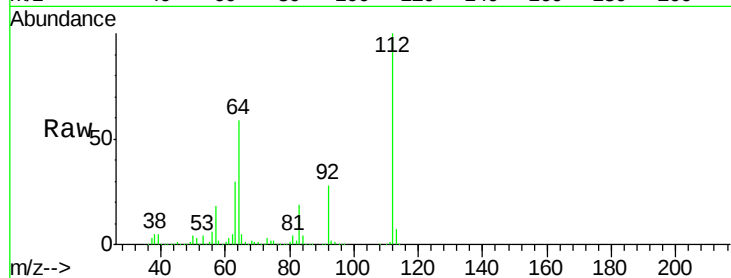
Tgt Ion: 112 Resp: 1616213

Ion Ratio Lower Upper

112 100

64 59.0 55.8 83.6

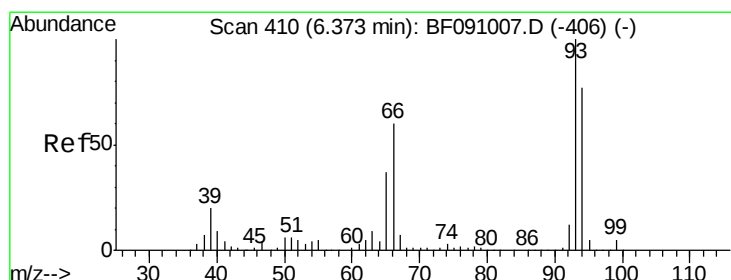
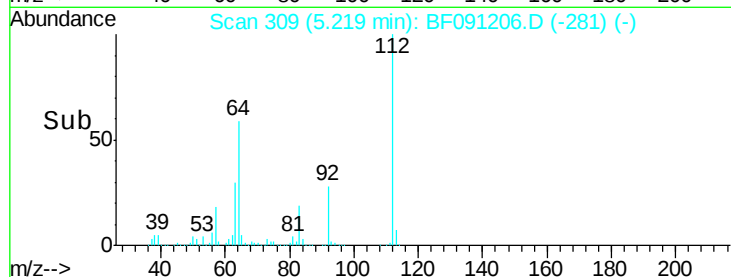
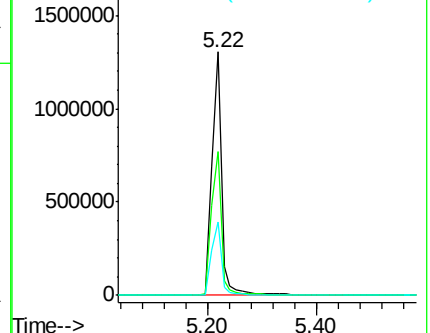
63 30.1 28.0 42.0



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: 26.40 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

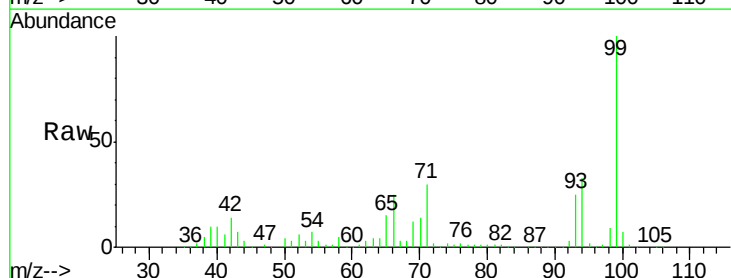
Tgt Ion: 93 Resp: 484865

Ion Ratio Lower Upper

93 100

66 103.3 48.2 72.2#

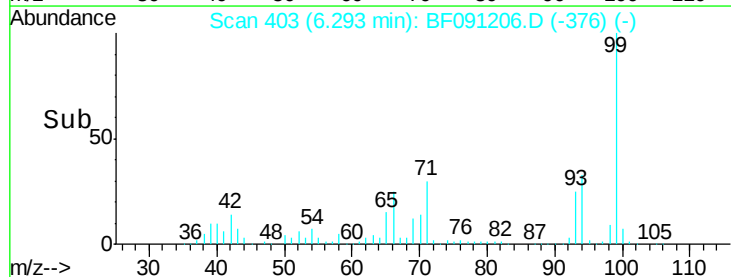
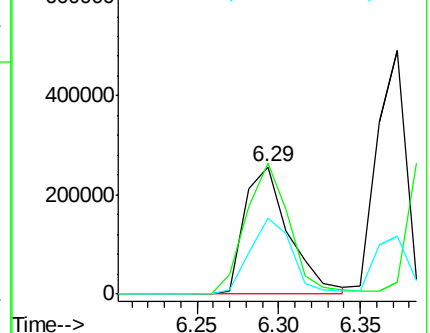
65 60.0 29.4 44.0#

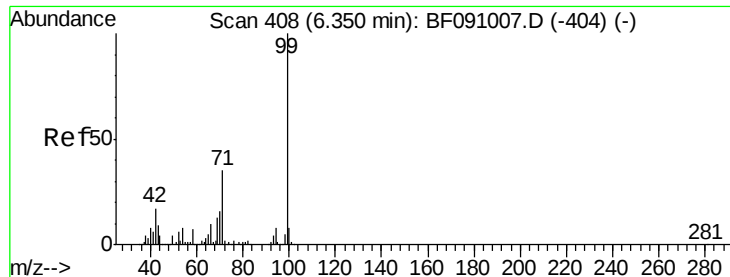


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.42 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

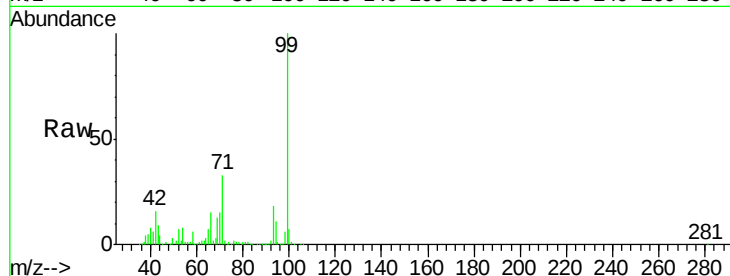
Tgt Ion: 99 Resp: 2061708

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

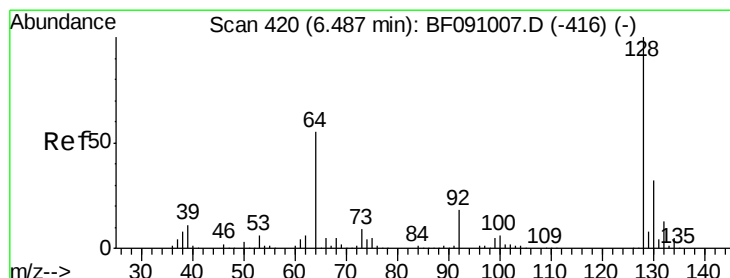
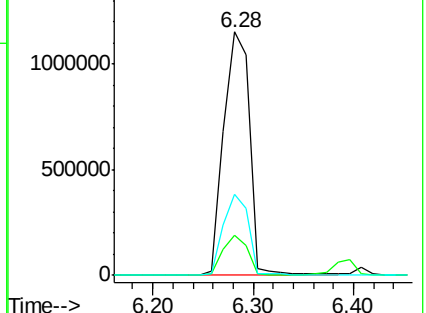
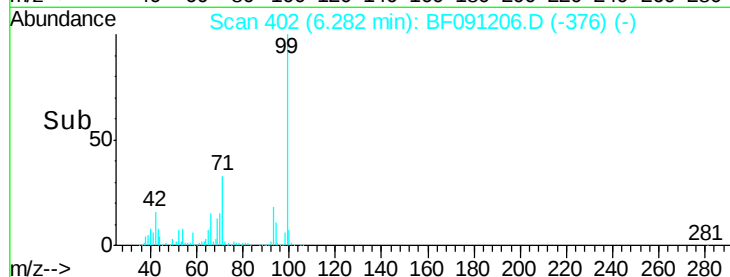
71 33.2 27.8 41.8



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: 43.57 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

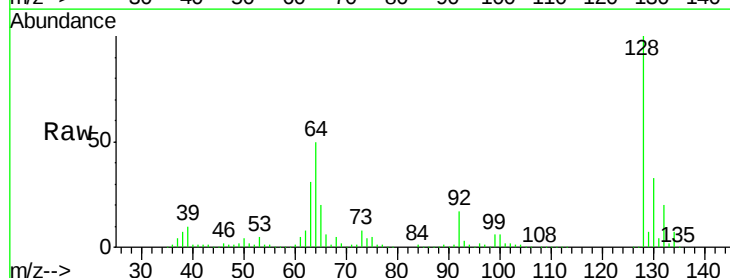
Tgt Ion: 128 Resp: 596197

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

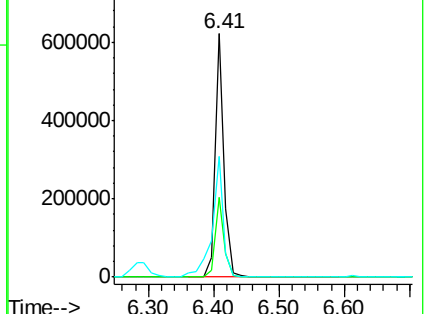
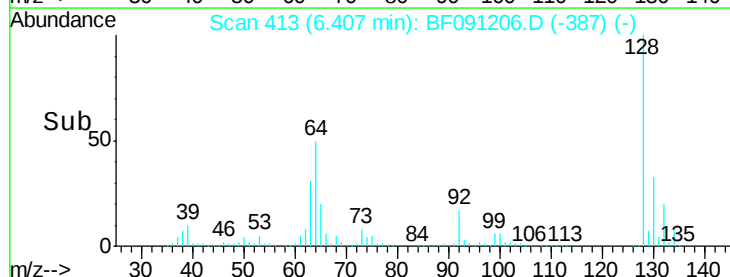
64 49.8 37.2 77.2

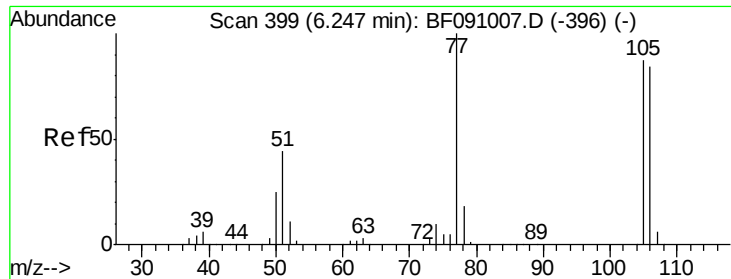


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

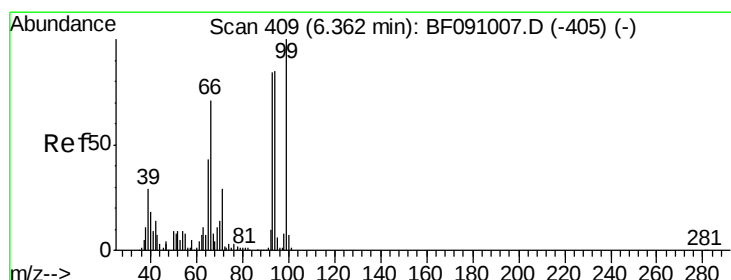
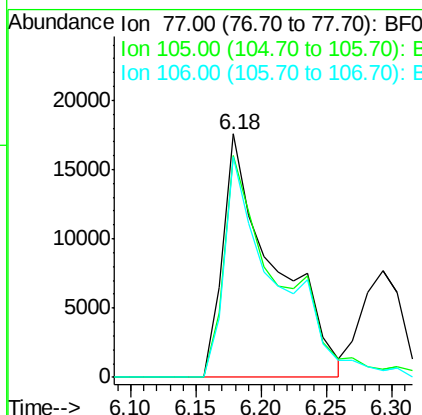
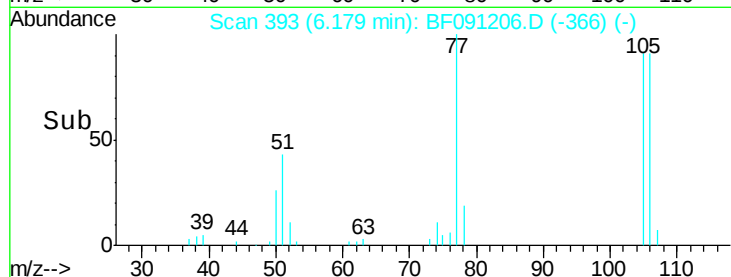
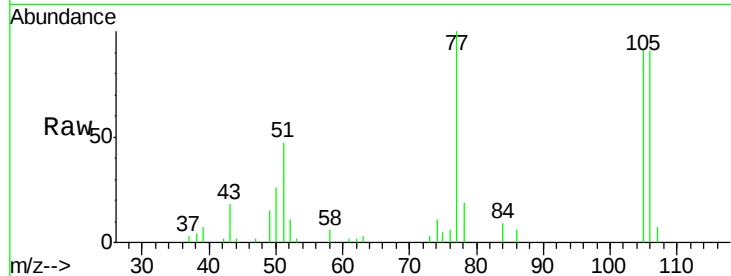




#9
Benzaldehyde
Concen: 5.62 ng
RT: 6.18 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

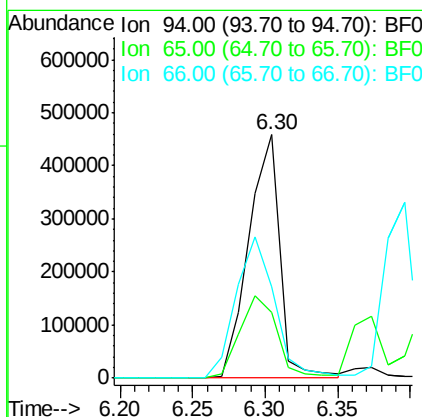
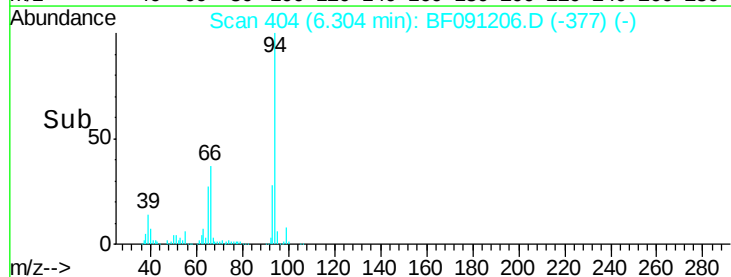
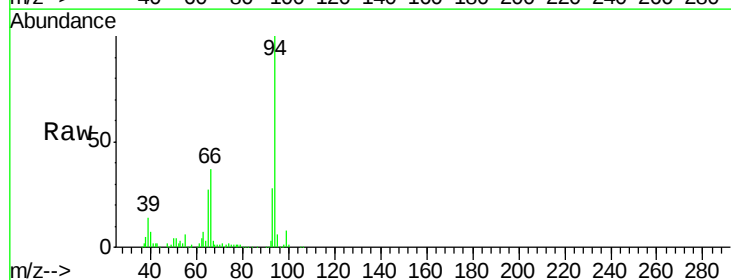
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

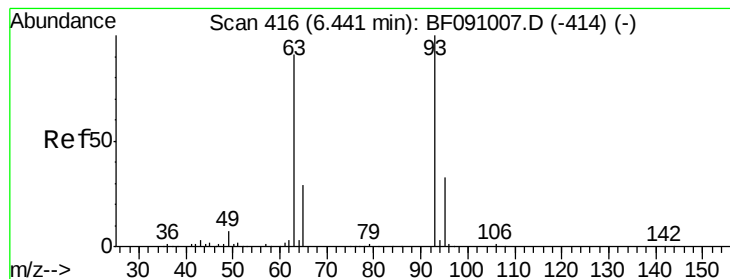
Tgt Ion: 77 Resp: 48546
Ion Ratio Lower Upper
77 100
105 91.2 66.8 106.8
106 90.8 64.0 104.0



#10
Phenol
Concen: 39.93 ng
RT: 6.30 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion: 94 Resp: 688105
Ion Ratio Lower Upper
94 100
65 26.7 30.4 70.4#
66 37.4 62.9 102.9#





#11

bis(2-Chloroethyl)ether

Concen: 43.71 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

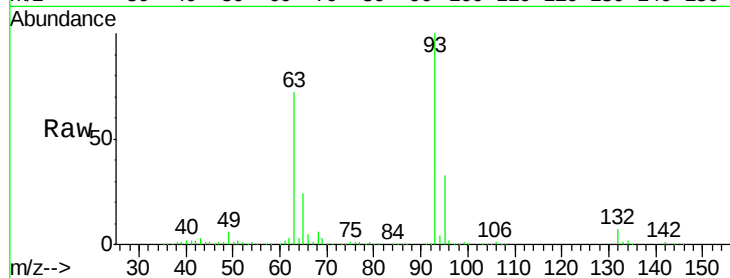
Tgt Ion: 93 Resp: 634614

Ion Ratio Lower Upper

93 100

63 72.3 68.9 108.9

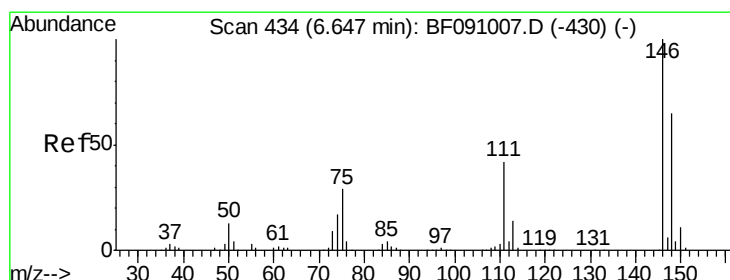
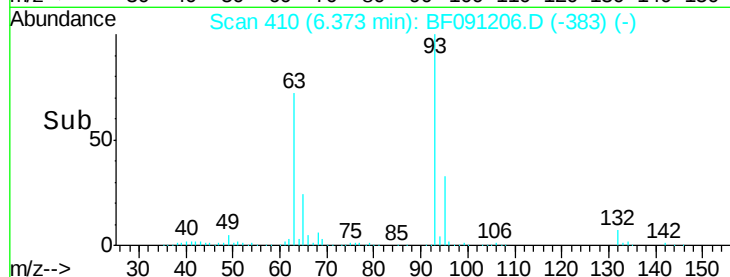
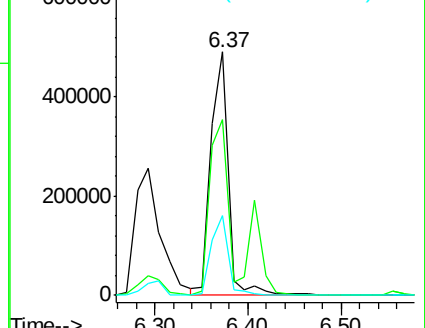
95 32.7 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.34 ng m

RT: 6.56 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

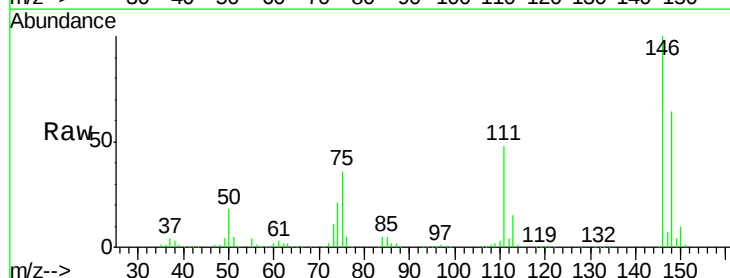
Tgt Ion: 146 Resp: 599703

Ion Ratio Lower Upper

146 100

148 63.5 52.0 78.0

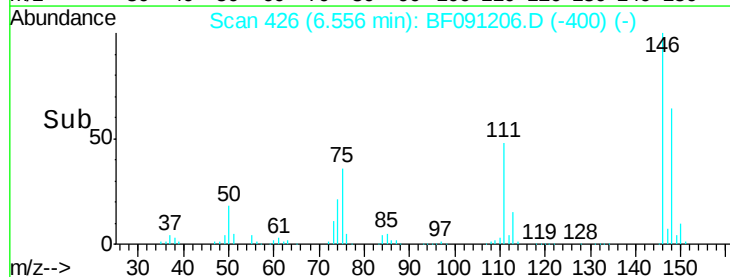
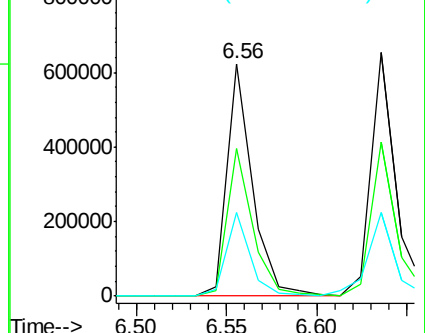
75 35.8 23.0 34.6#

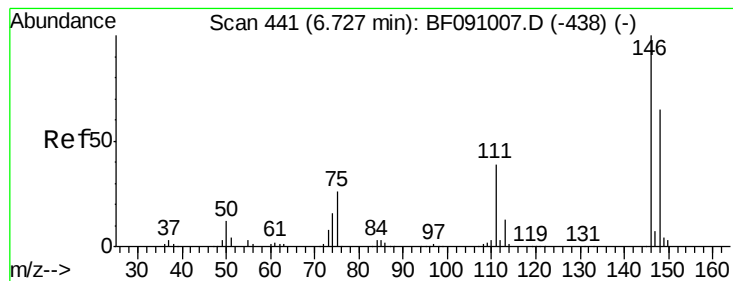


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.07 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

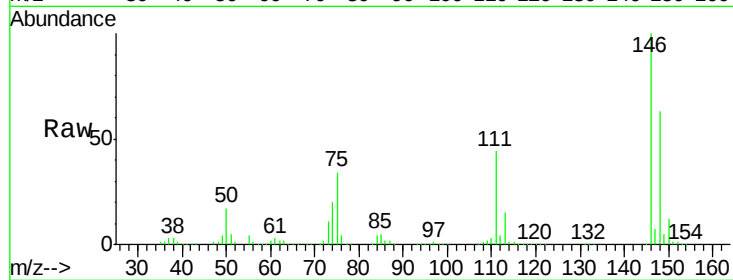
Tgt Ion:146 Resp: 639545

Ion Ratio Lower Upper

146 100

148 63.4 52.1 78.1

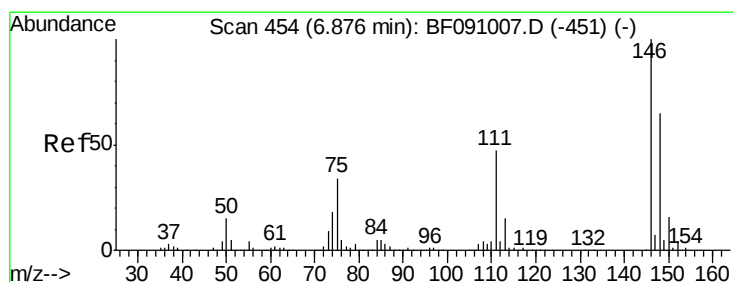
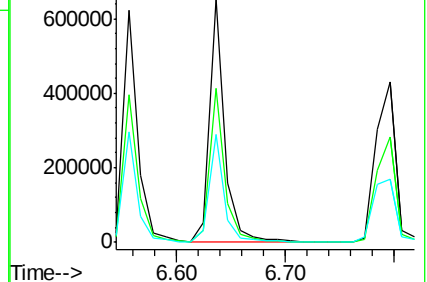
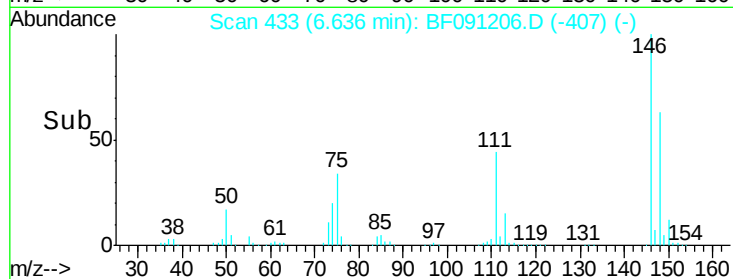
111 44.5 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.76 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

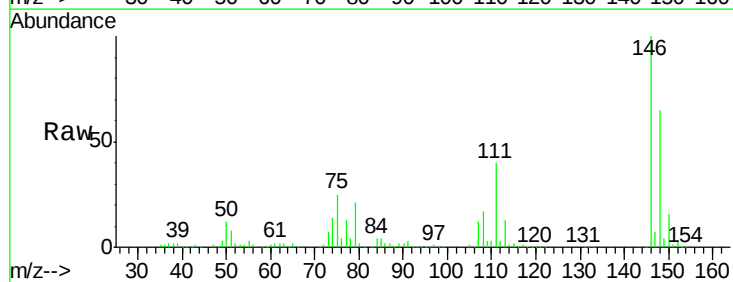
Tgt Ion:146 Resp: 555447

Ion Ratio Lower Upper

146 100

148 65.5 51.6 77.4

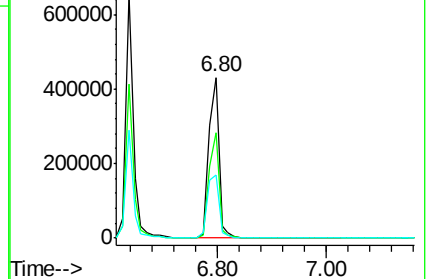
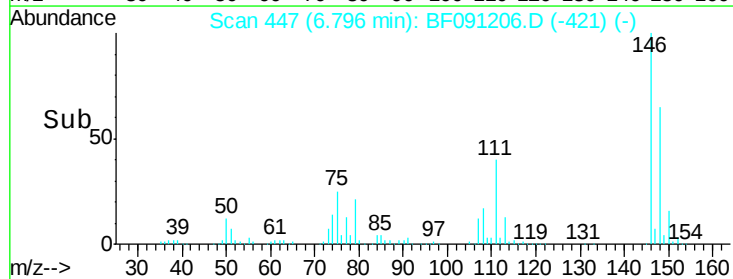
111 39.6 37.3 55.9

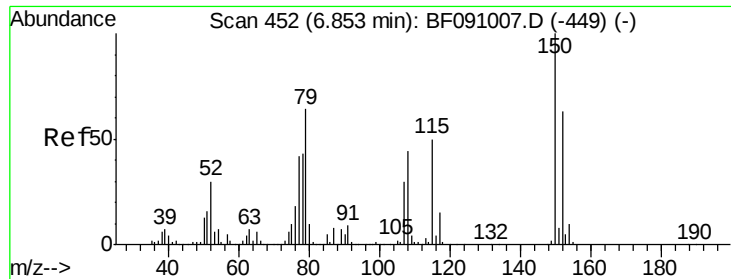


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.01 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

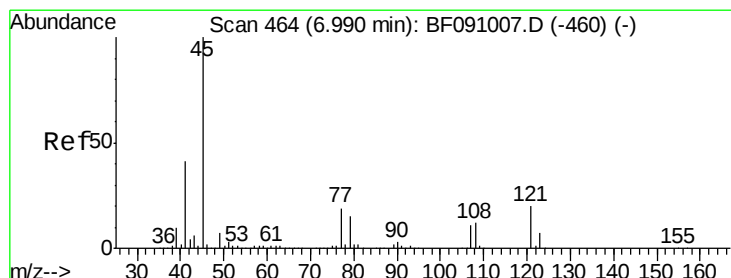
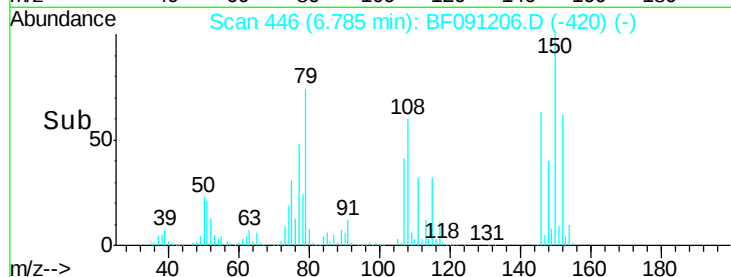
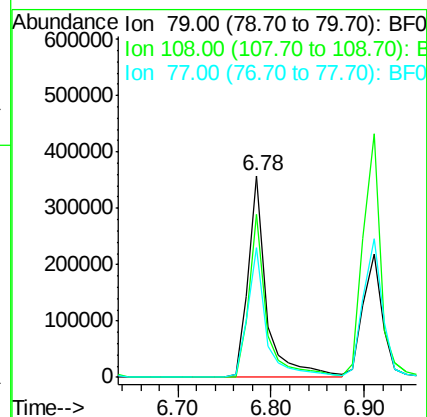
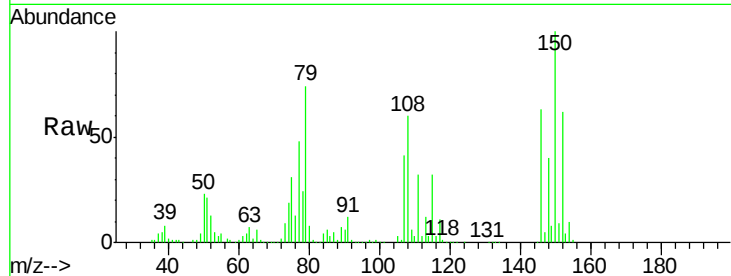
Tgt Ion: 79 Resp: 494292

Ion Ratio Lower Upper

79 100

108 80.9 55.7 83.5

77 64.4 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.26 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

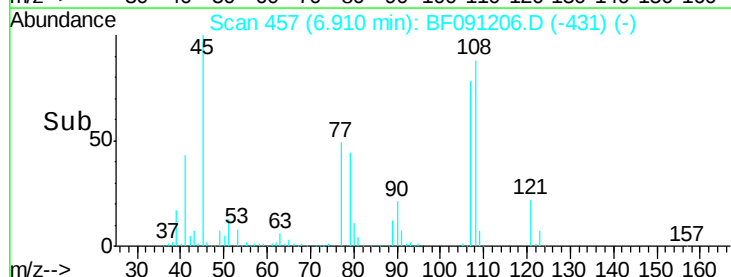
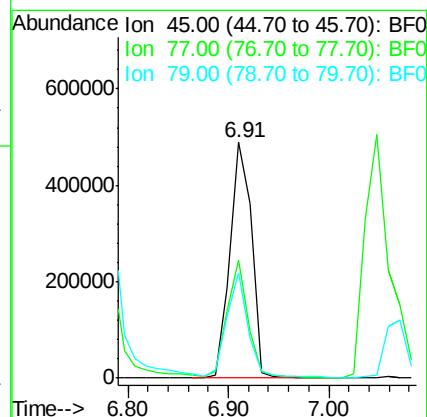
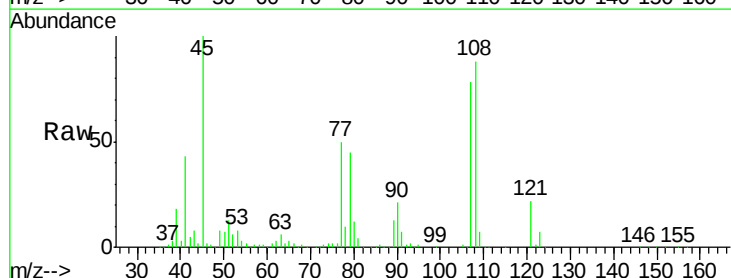
Tgt Ion: 45 Resp: 733073

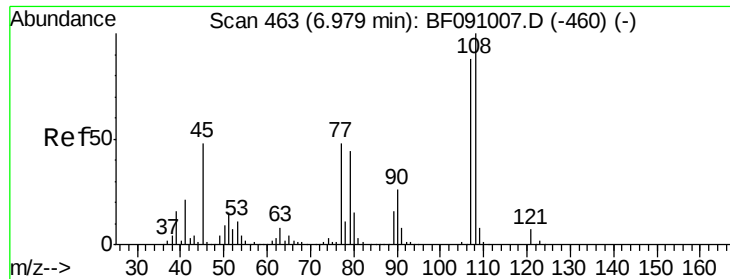
Ion Ratio Lower Upper

45 100

77 50.2 0.0 39.6#

79 44.7 0.0 35.9#

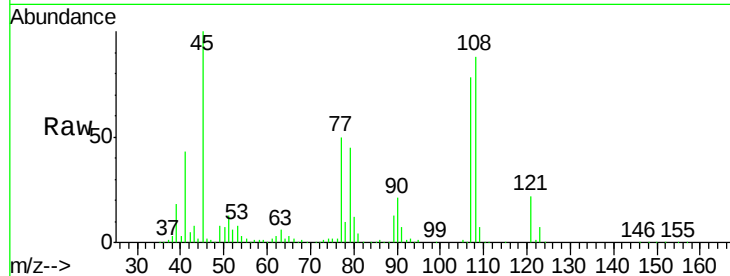




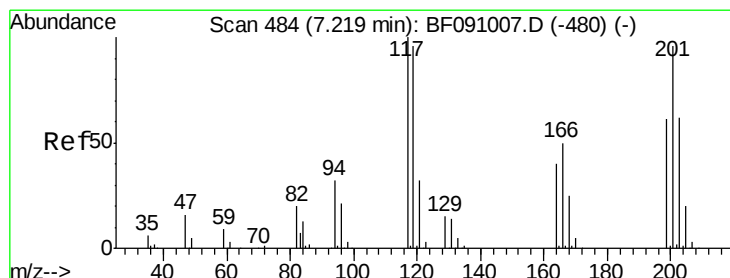
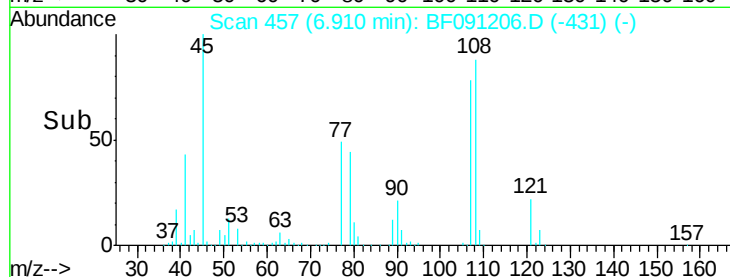
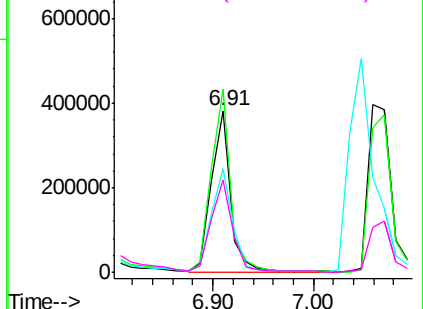
#17
2-Methylphenol
Concen: 46.03 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:	107	Resp:	498571
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.0	136.6
77	64.2	43.8	65.8
79	57.2	40.6	60.8

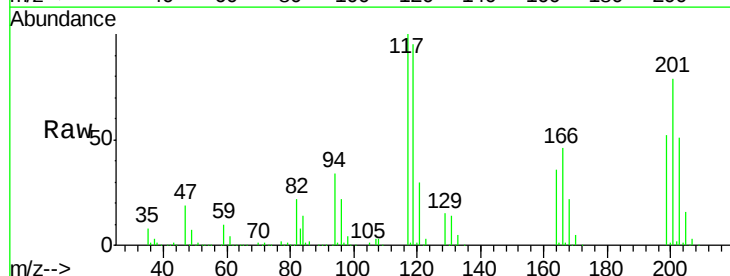


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

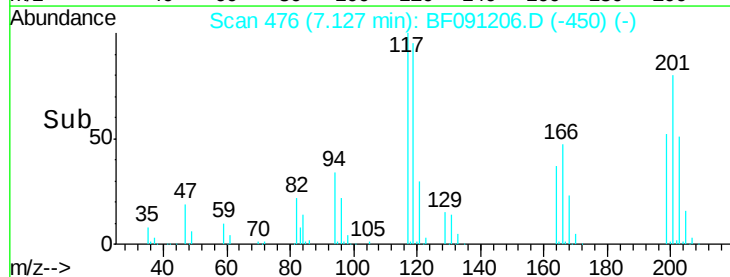
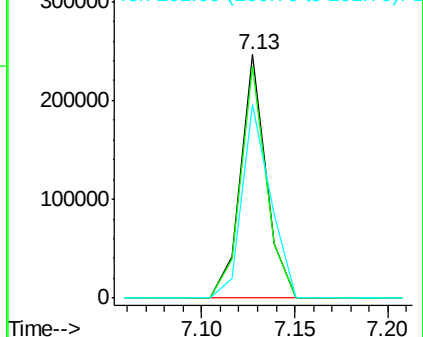


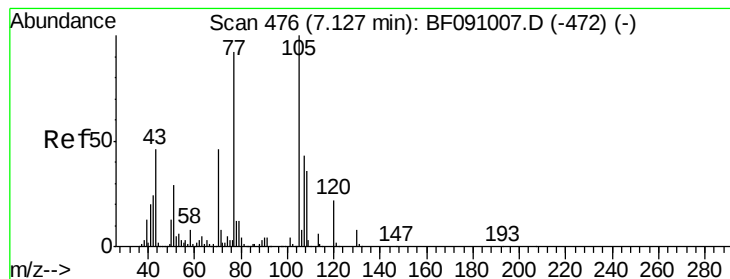
#18
Hexachloroethane
Concen: 41.08 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:	117	Resp:	236031
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	115.0
201	79.4	77.1	115.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.57 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 70 Resp: 480880

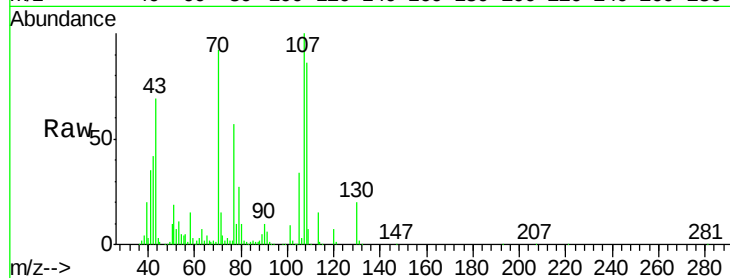
Ion Ratio Lower Upper

70 100

42 45.4 41.7 62.5

101 9.5 6.7 10.1

130 21.6 13.8 20.8#



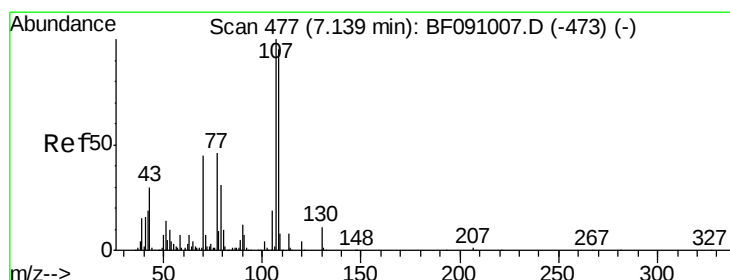
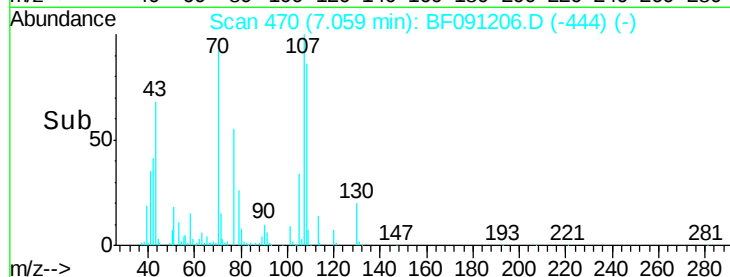
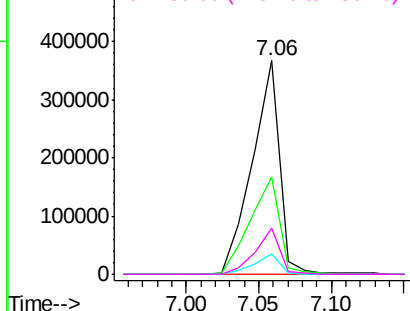
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.58 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Tgt Ion: 107 Resp: 644847

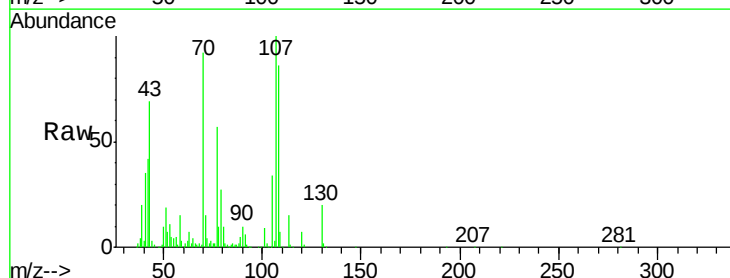
Ion Ratio Lower Upper

107 100

108 85.9 75.5 115.5

77 56.5 26.4 66.4

79 27.1 11.1 51.1



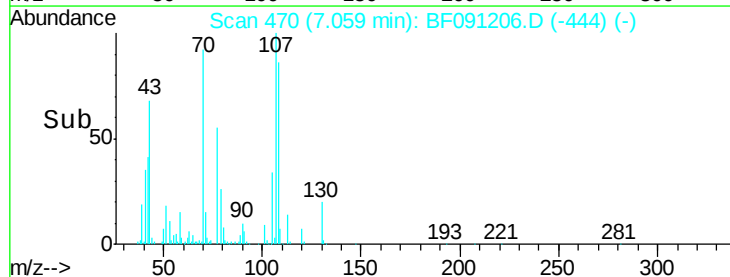
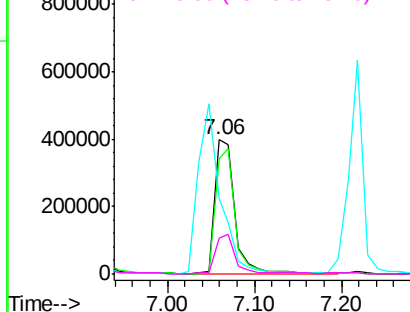
Abundance

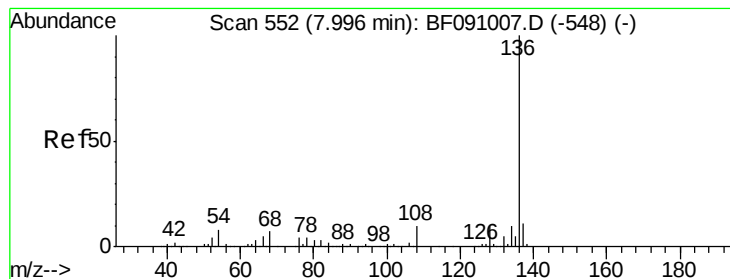
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:136 Resp: 834789

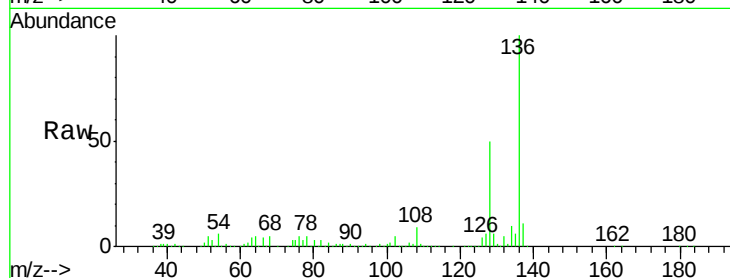
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 5.6 6.2 9.2#

68 5.1 5.5 8.3#

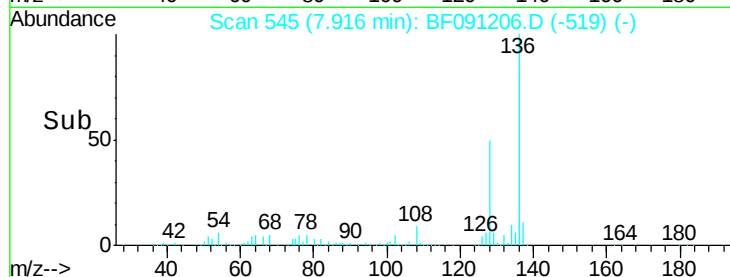


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.92

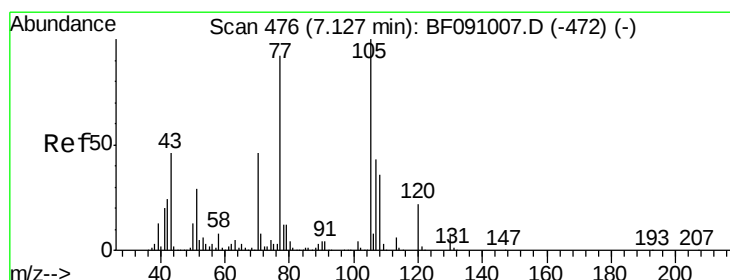
600000

400000

200000

0

Time-->



#22

Acetophenone

Concen: 45.00 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Tgt Ion:105 Resp: 864993

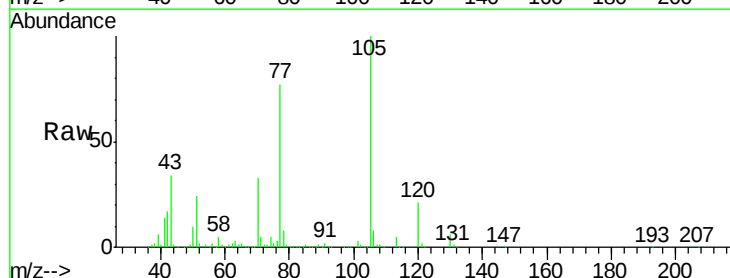
Ion Ratio Lower Upper

105 100

71 5.3 6.2 9.2#

51 23.5 23.3 34.9

120 21.5 17.4 26.0

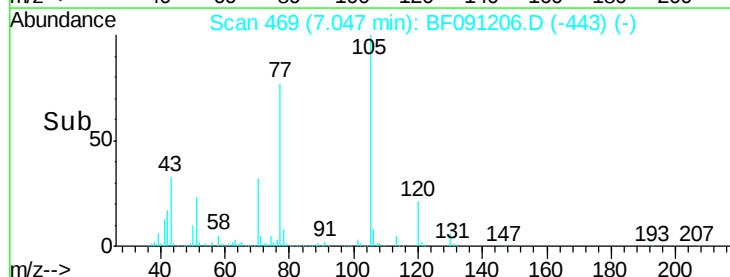


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

7.05

1000000

800000

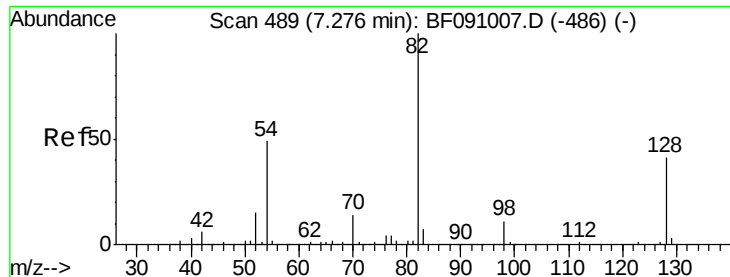
600000

400000

200000

0

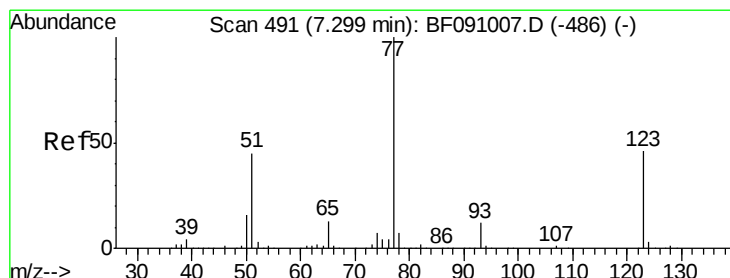
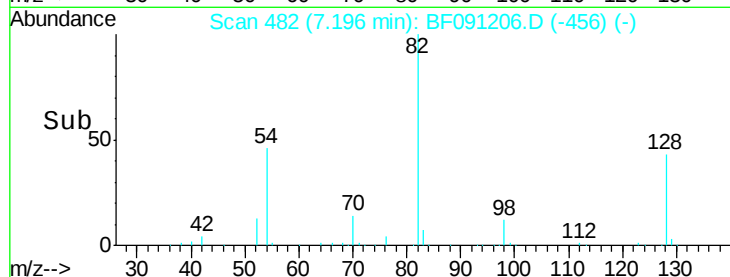
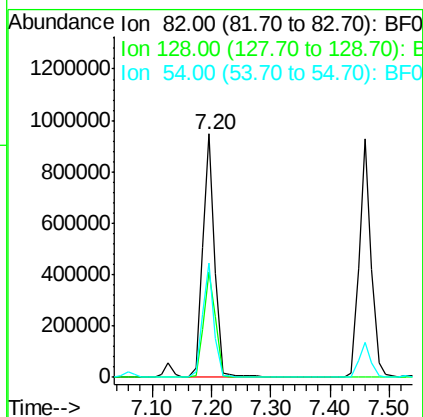
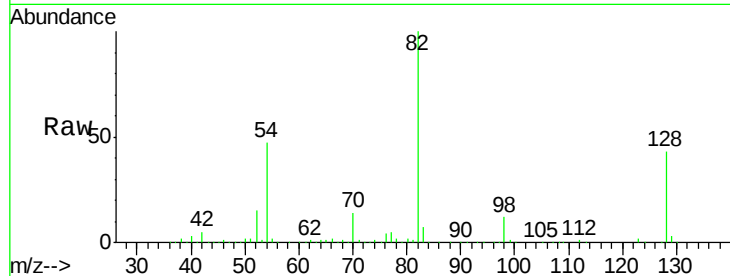
Time-->



#23
 Nitrobenzene-d5
 Concen: 88.03 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

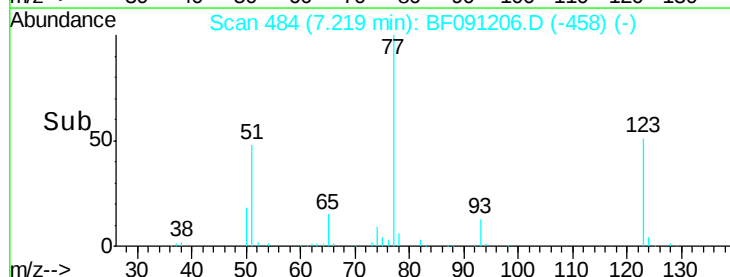
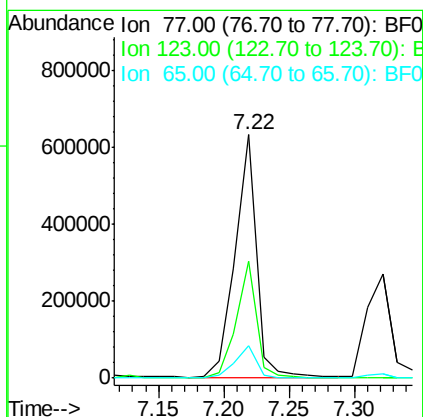
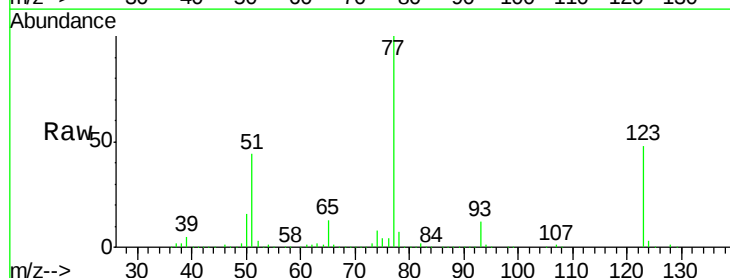
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

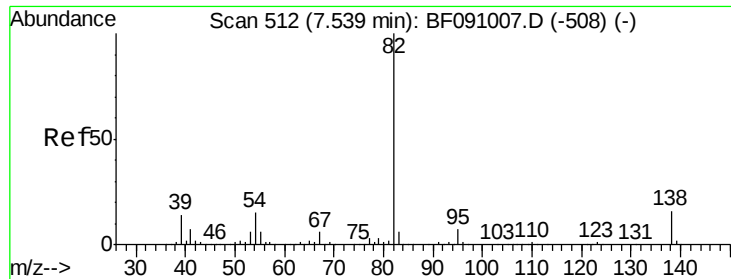
Tgt Ion: 82 Resp: 1347197
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.4 48.6
 54 46.9 39.2 58.8



#24
 Nitrobenzene
 Concen: 42.02 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion: 77 Resp: 710175
 Ion Ratio Lower Upper
 77 100
 123 48.0 36.5 54.7
 65 13.4 10.7 16.1





#25

Isophorone

Concen: 43.23 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

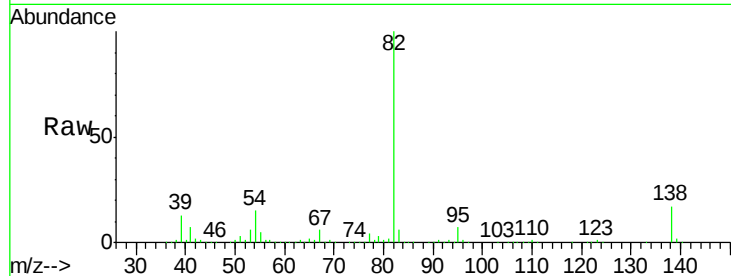
Tgt Ion: 82 Resp: 1274683

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

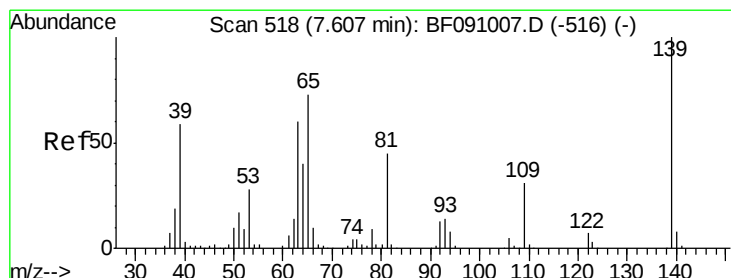
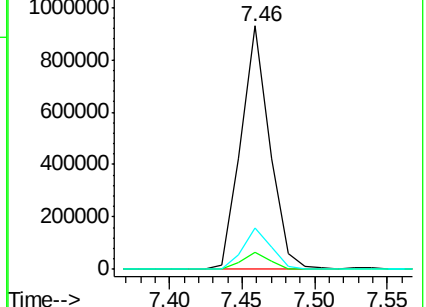
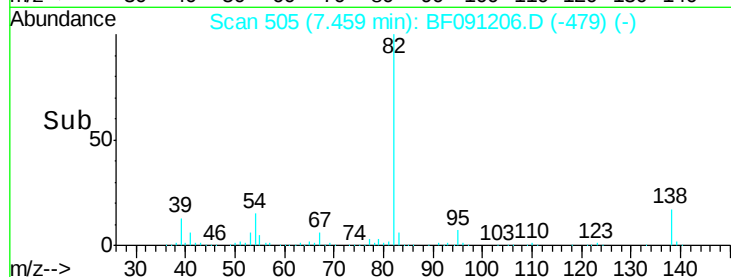
138 17.0 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.45 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

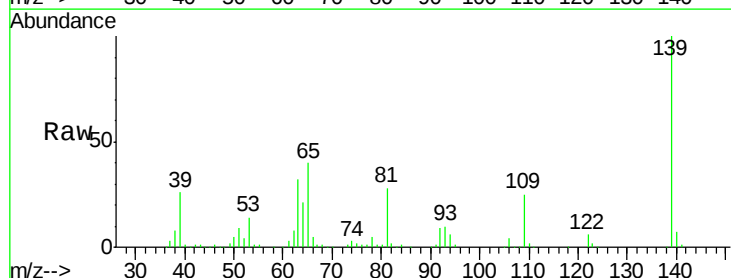
Tgt Ion: 139 Resp: 332225

Ion Ratio Lower Upper

139 100

109 25.2 24.7 37.1

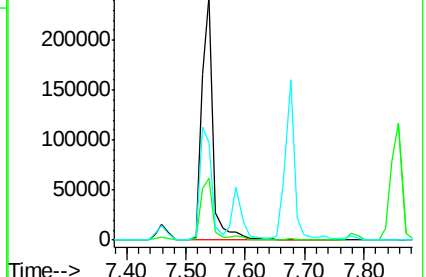
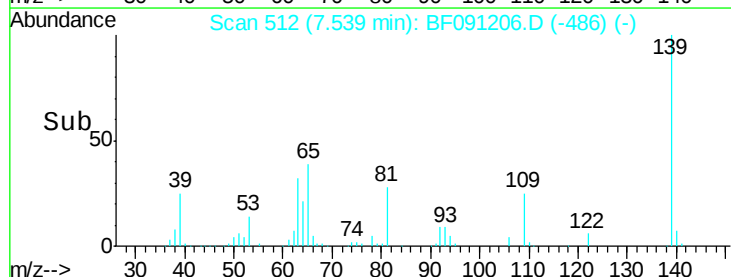
65 40.2 58.3 87.5#

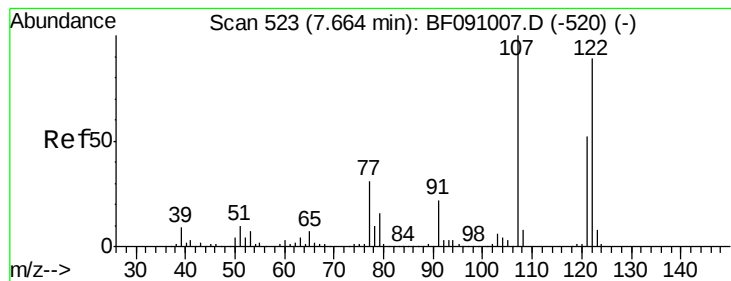


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.36 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

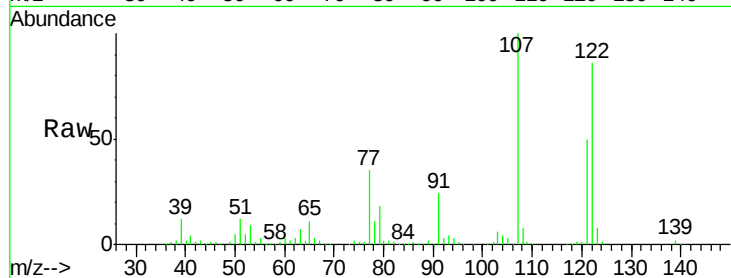
Tgt Ion:122 Resp: 536507

Ion Ratio Lower Upper

122 100

107 115.9 89.6 134.4

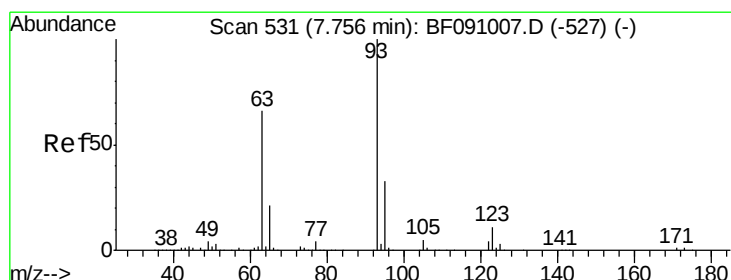
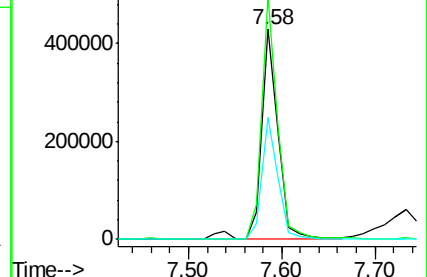
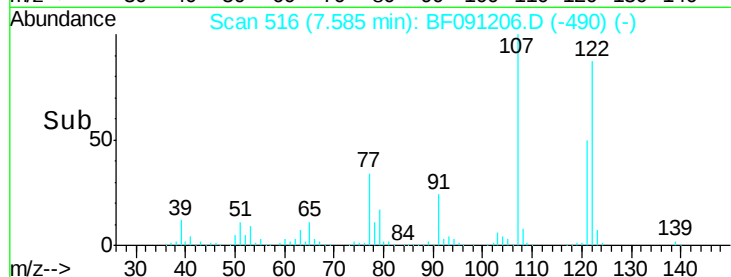
121 58.1 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.72 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

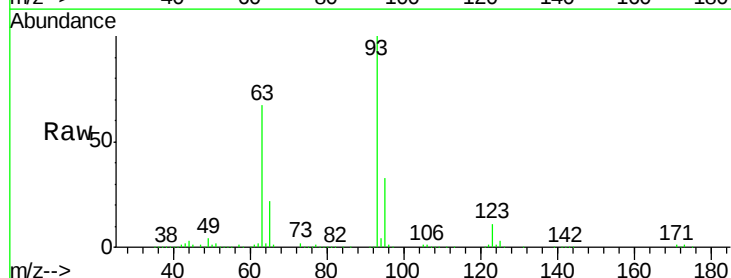
Tgt Ion: 93 Resp: 784932

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

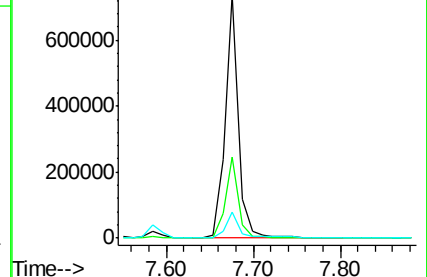
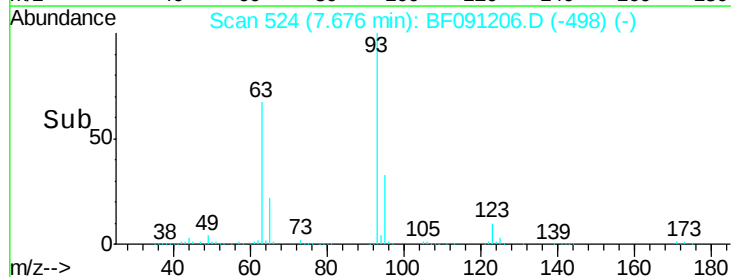
123 10.5 8.7 13.1

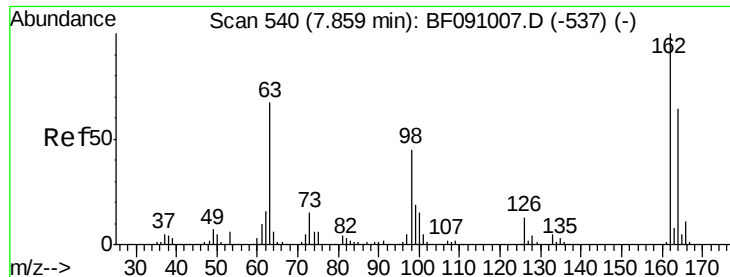


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

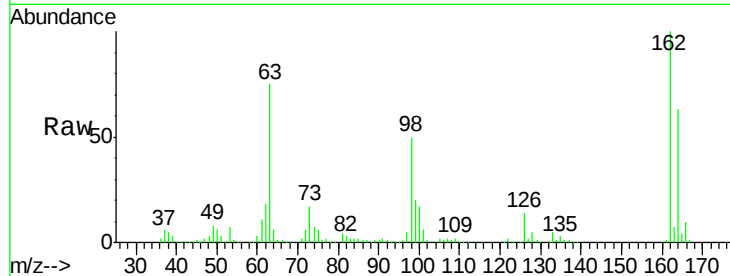




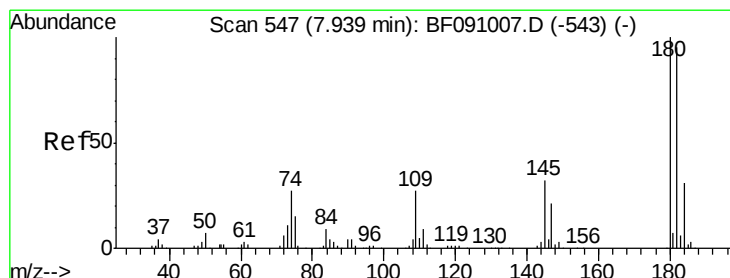
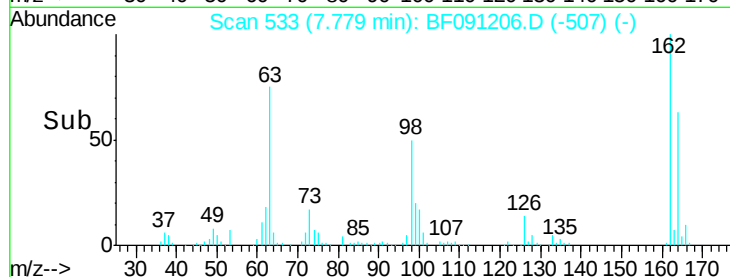
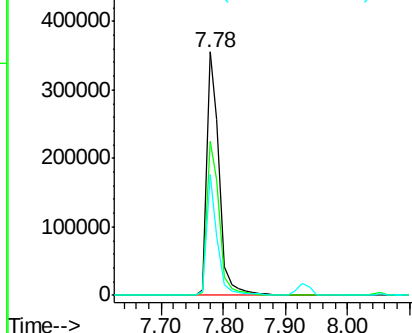
#29
2,4-Dichlorophenol
Concen: 47.03 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:162 Resp: 485468
Ion Ratio Lower Upper
162 100
164 63.3 44.4 84.4
98 49.6 25.2 65.2

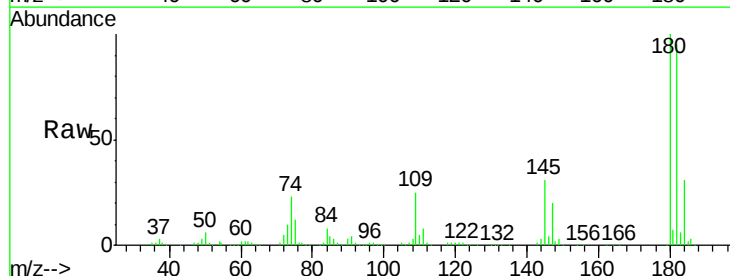


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

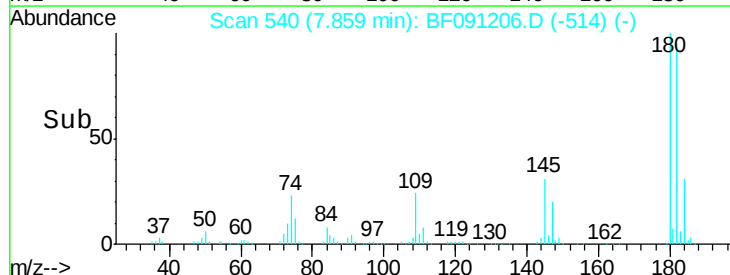
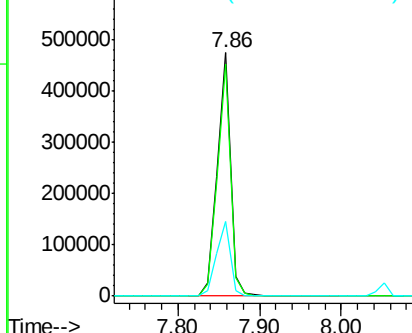


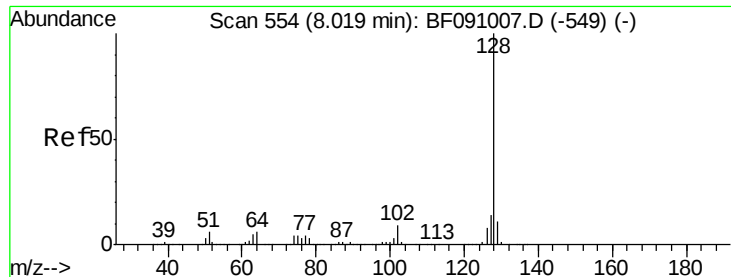
#30
1,2,4-Trichlorobenzene
Concen: 46.24 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:180 Resp: 536735
Ion Ratio Lower Upper
180 100
182 95.1 76.0 114.0
145 30.6 25.8 38.8



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

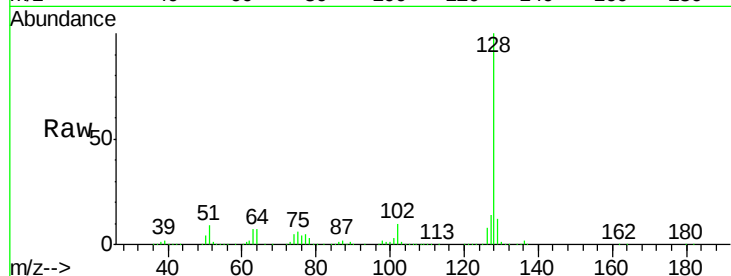




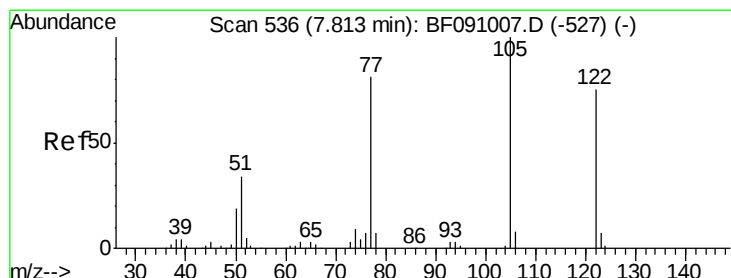
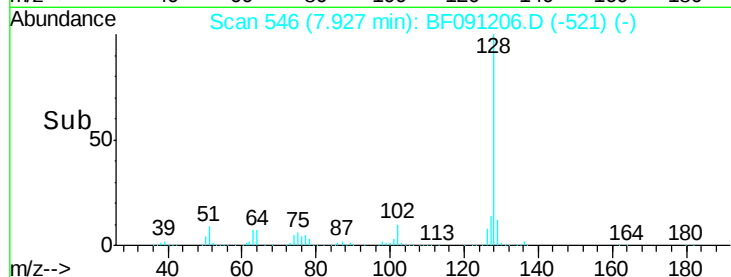
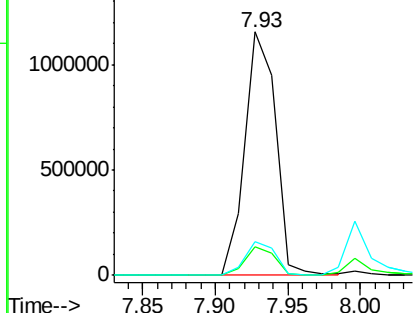
#31
Naphthalene
Concen: 42.73 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:128 Resp: 1705917
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.7 10.9 16.3

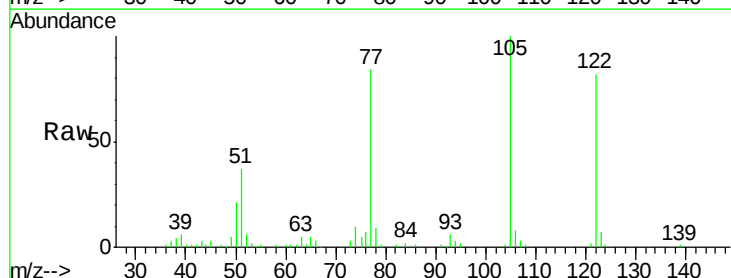


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

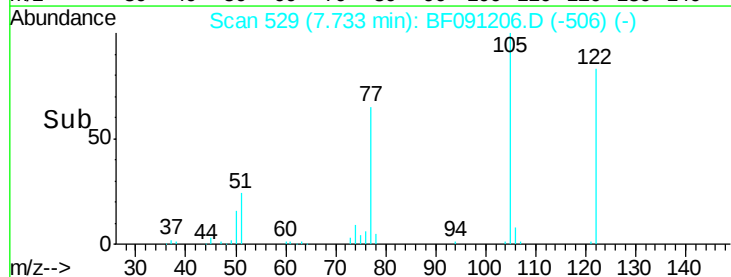
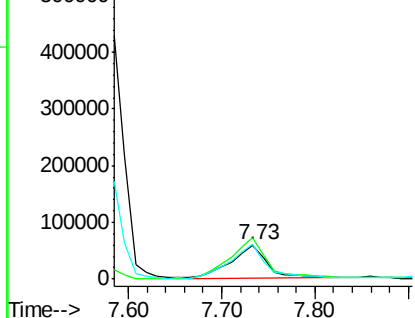


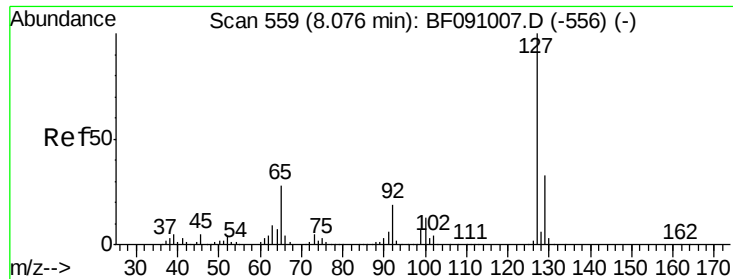
#32
Benzoic acid
Concen: 20.23 ng
RT: 7.73 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:122 Resp: 156398
Ion Ratio Lower Upper
122 100
105 122.2 105.9 145.9
77 102.6 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

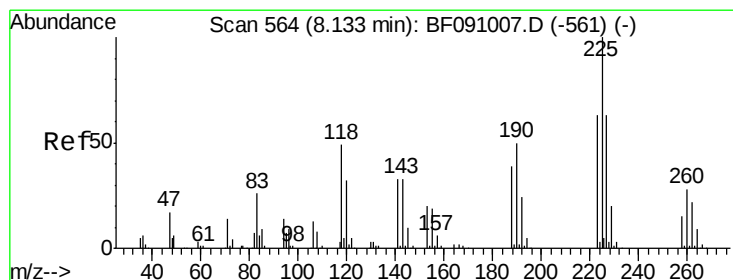
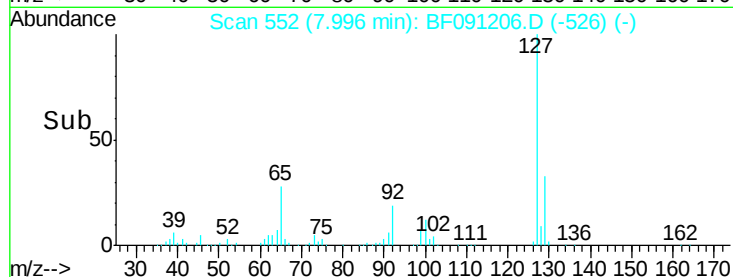
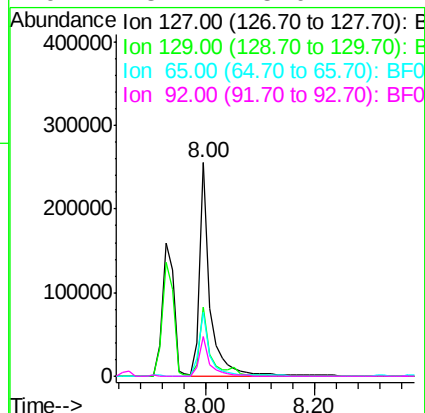
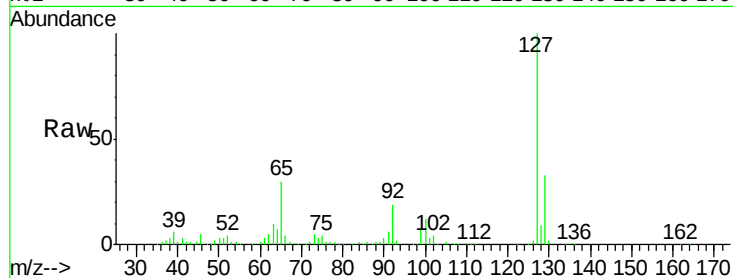




#33
4-Chloroaniline
Concen: 19.90 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

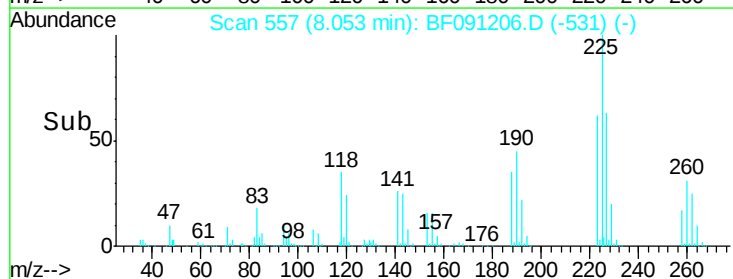
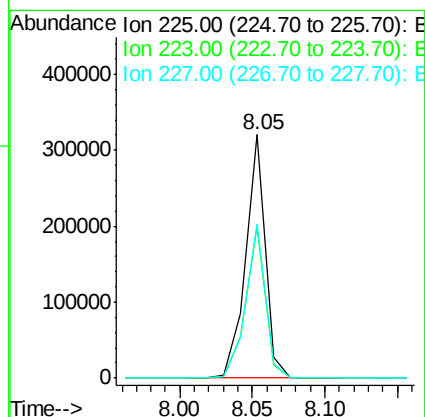
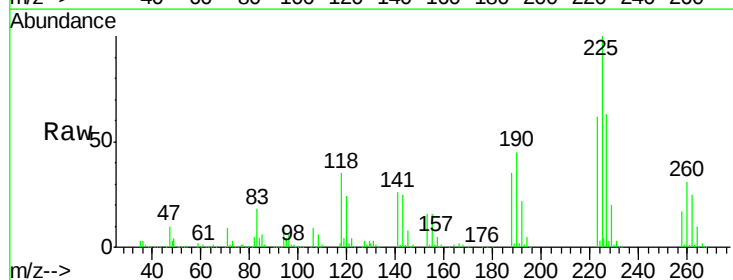
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

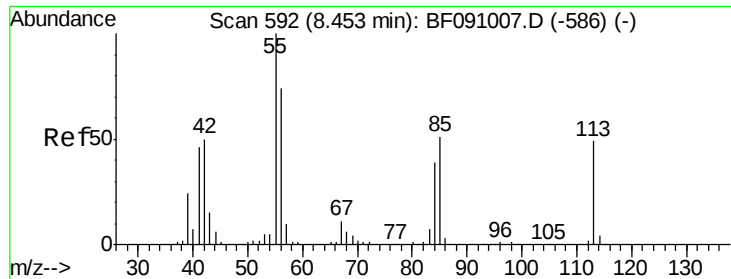
Tgt Ion:	127	Resp:	330446
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	29.8	22.2	33.2
92	18.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 47.95 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:	225	Resp:	300381
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6
227	63.4	50.1	75.1

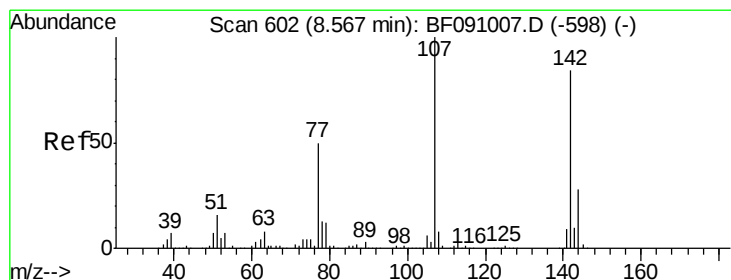
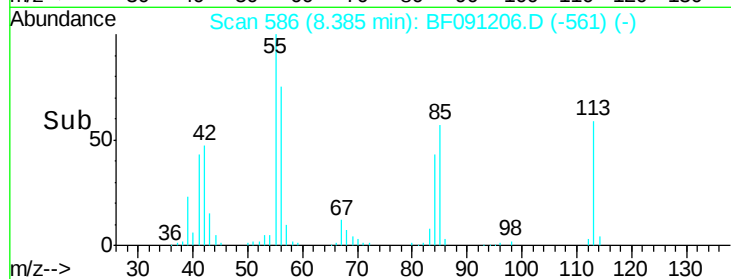
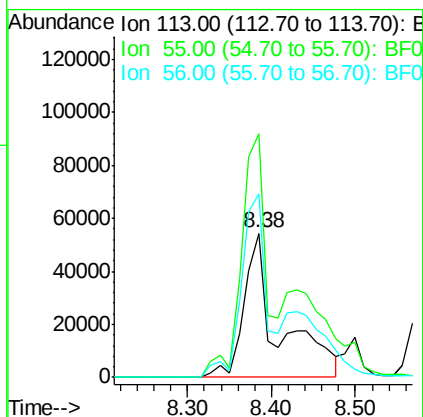
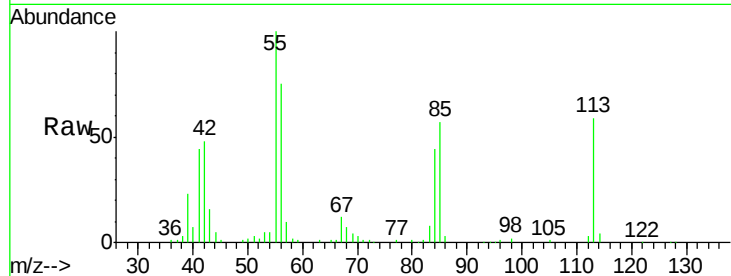




#35
 Caprolactam
 Concen: 48.35 ng m
 RT: 8.38 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

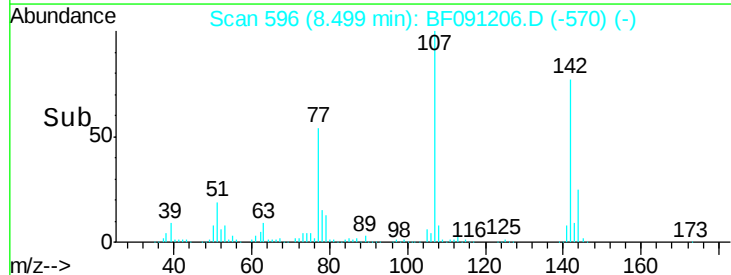
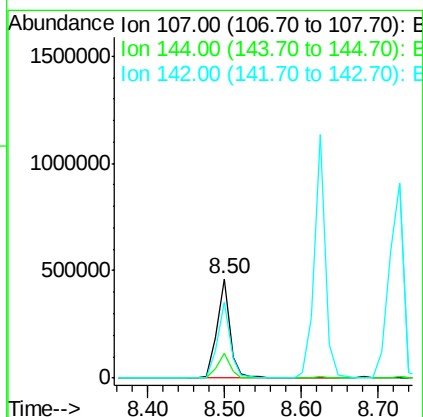
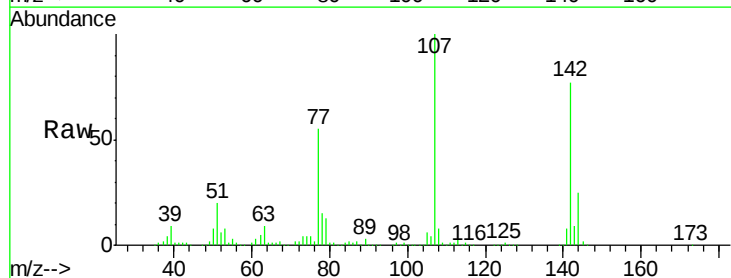
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

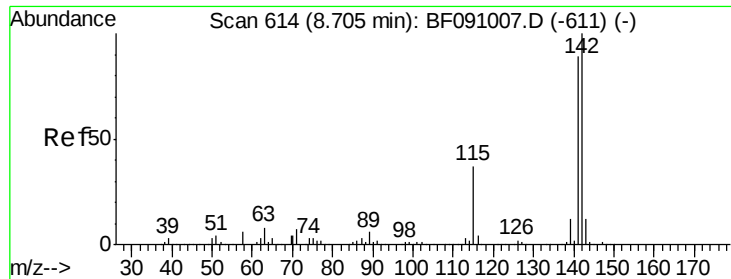
Tgt Ion:113 Resp: 156818
 Ion Ratio Lower Upper
 113 100
 55 169.2 184.1 224.1#
 56 127.1 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 44.12 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:107 Resp: 551407
 Ion Ratio Lower Upper
 107 100
 144 25.3 22.5 33.7
 142 76.9 67.4 101.2

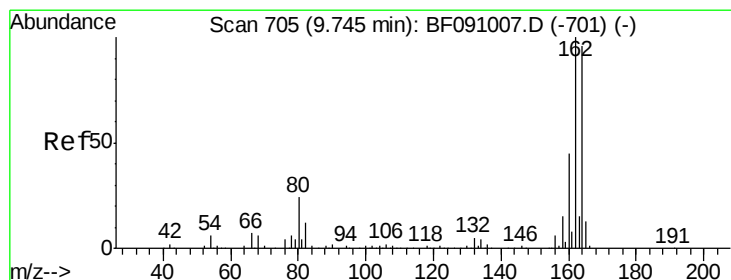
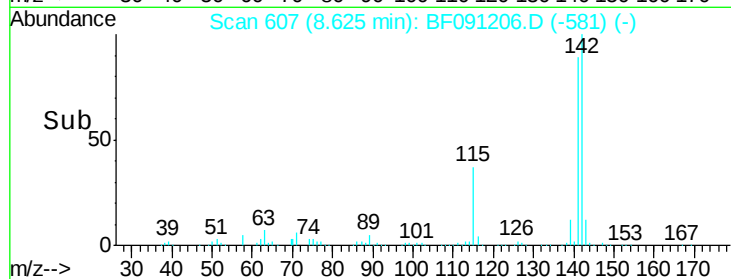
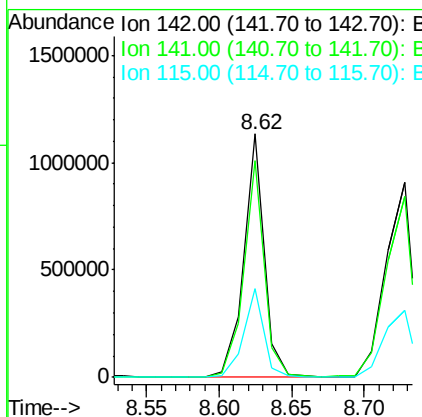
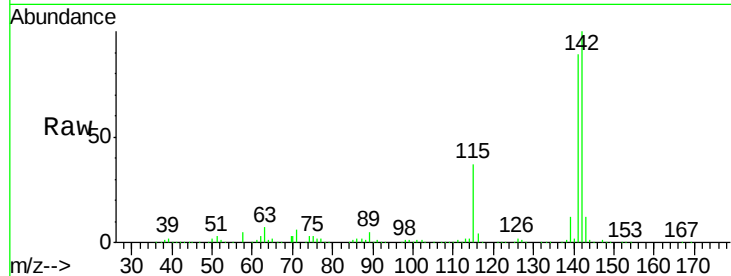




#37
2-Methylnaphthalene
Concen: 43.40 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

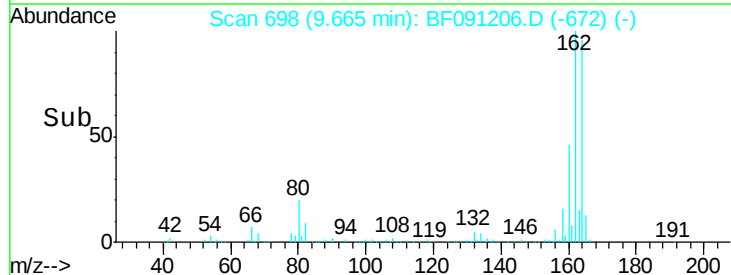
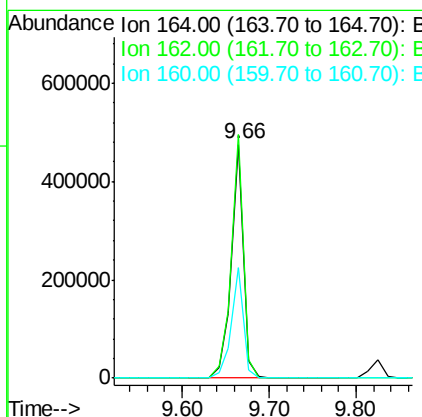
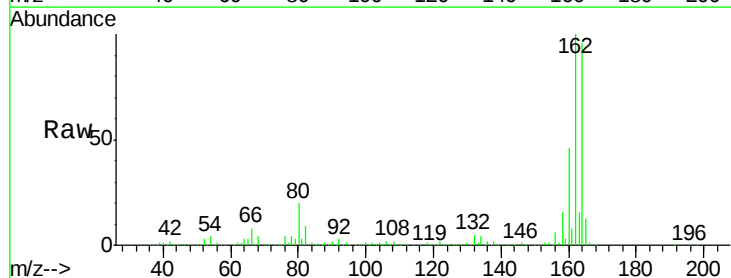
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

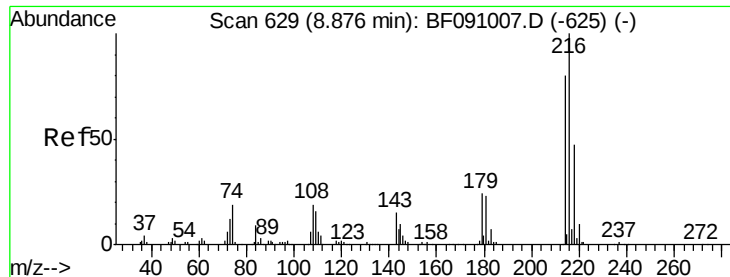
Tgt Ion:142 Resp: 1113768
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 36.6 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:164 Resp: 458285
Ion Ratio Lower Upper
164 100
162 104.3 83.6 125.4
160 47.6 37.9 56.9

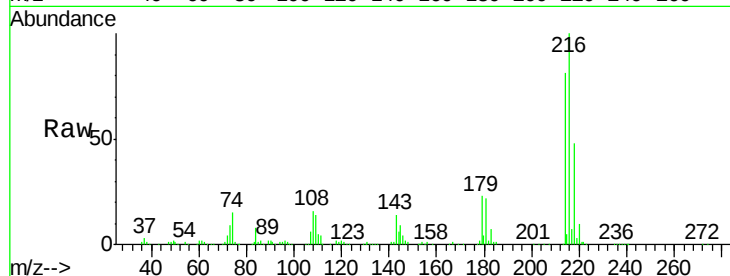




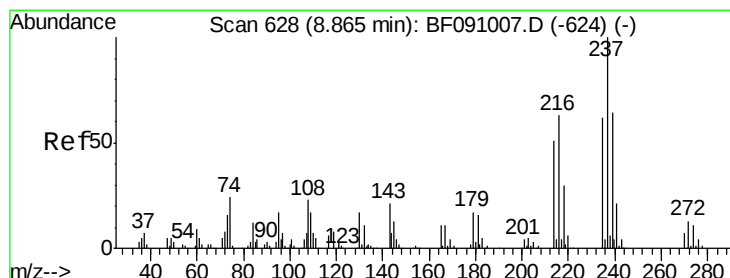
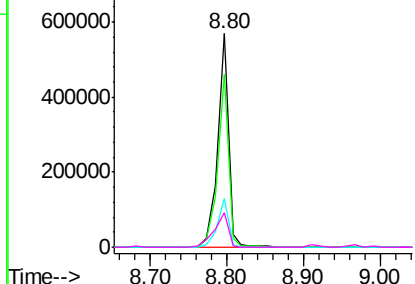
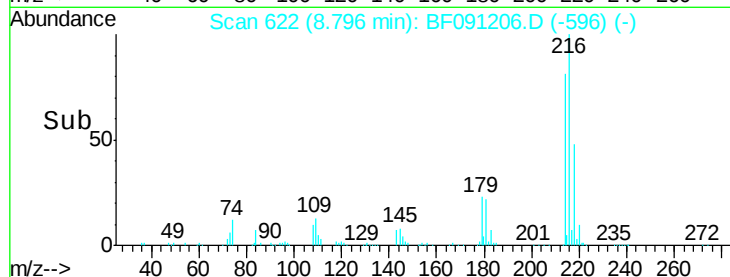
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.35 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:	216	Resp:	553251
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.5	95.3
179	23.1	19.1	28.7
108	21.5	17.5	26.3

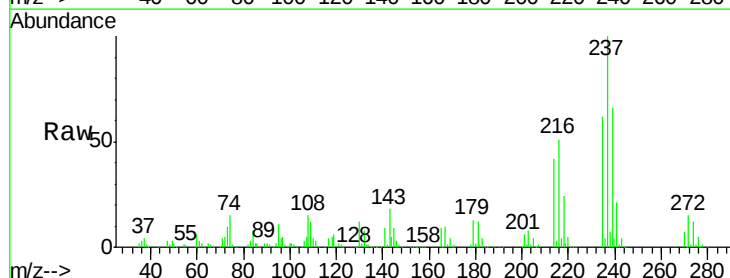


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

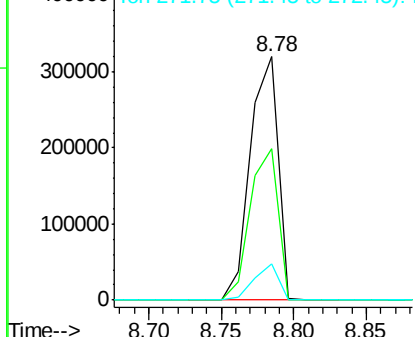
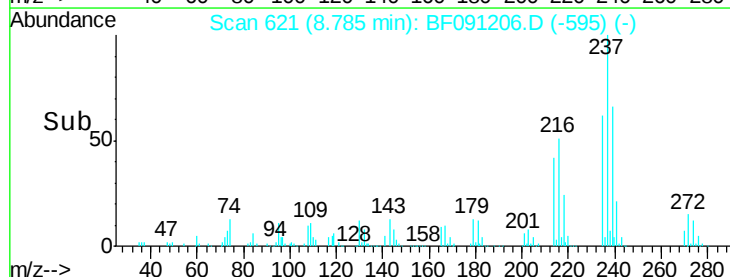


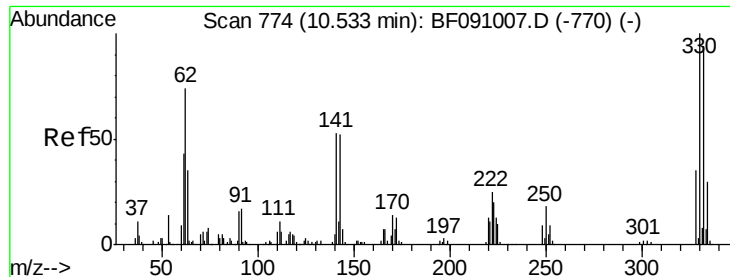
#40
 Hexachlorocyclopentadiene
 Concen: 92.76 ng
 RT: 8.78 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:	237	Resp:	425799
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.1	82.1
272	14.7	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

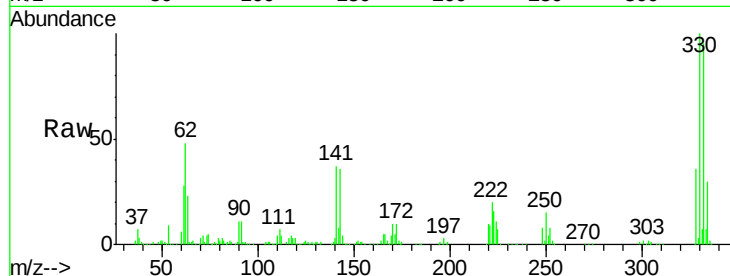




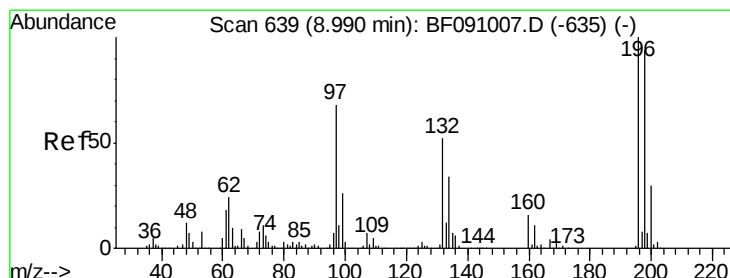
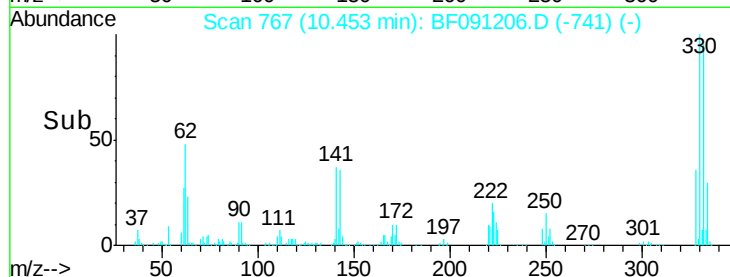
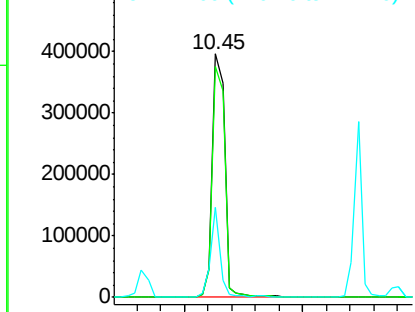
#41
 2,4,6-Tribromophenol
 Concen: 140.42 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:330 Resp: 581773
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 27.7 36.1 54.1#

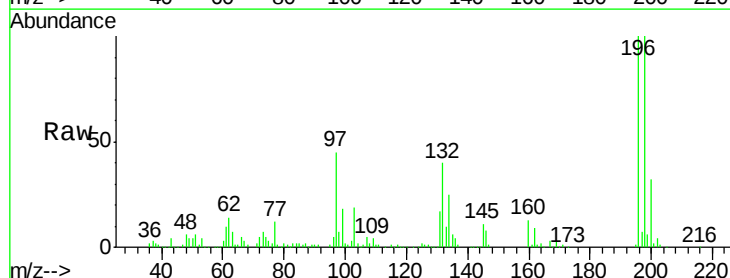


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

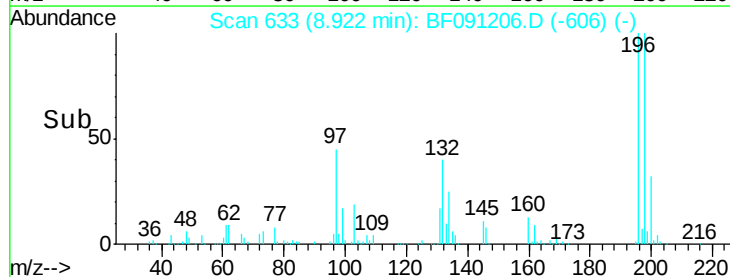
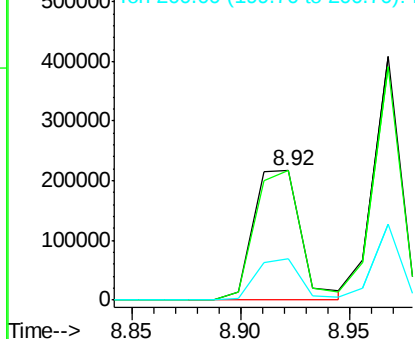


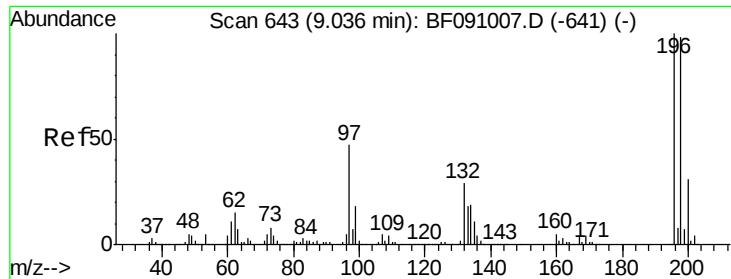
#42
 2,4,6-Trichlorophenol
 Concen: 43.84 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:196 Resp: 330654
 Ion Ratio Lower Upper
 196 100
 198 99.9 75.4 113.0
 200 32.3 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

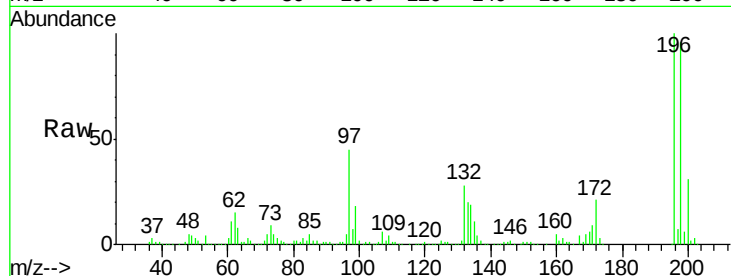




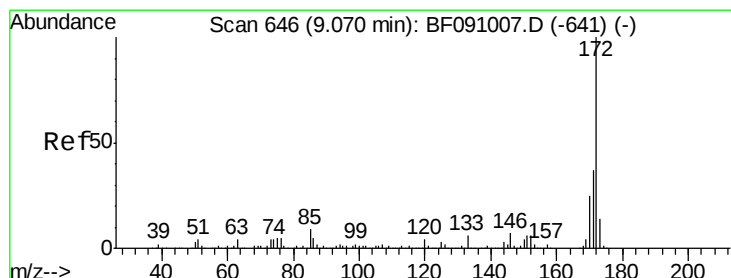
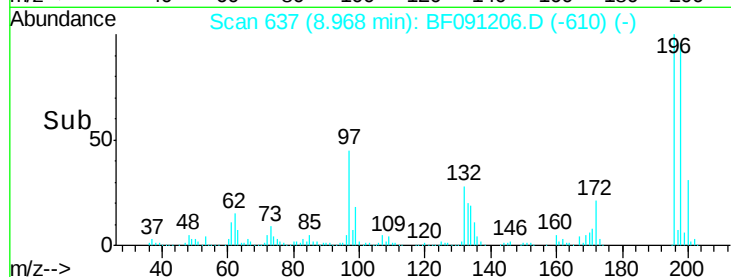
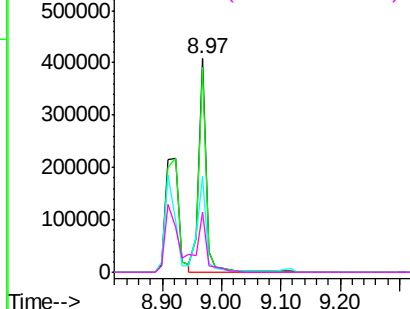
#43
 2,4,5-Trichlorophenol
 Concen: 47.65 ng
 RT: 8.97 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:196 Resp: 377327
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.4
 97 45.2 38.8 58.2
 132 28.2 23.5 35.3

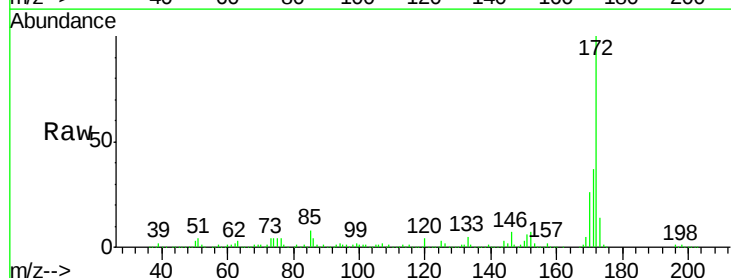


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

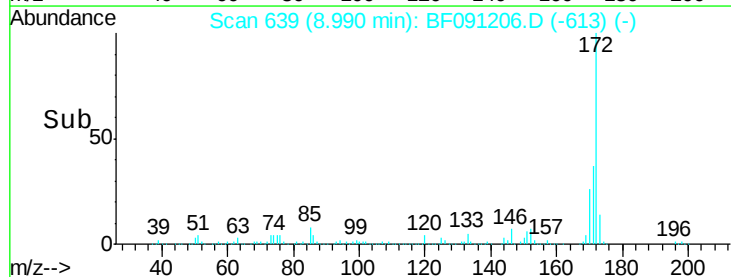
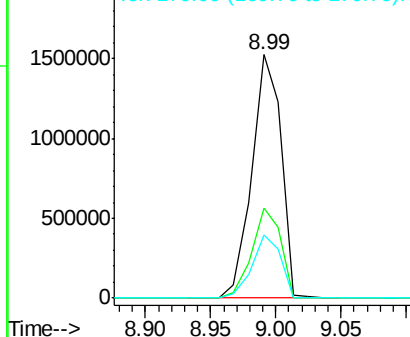


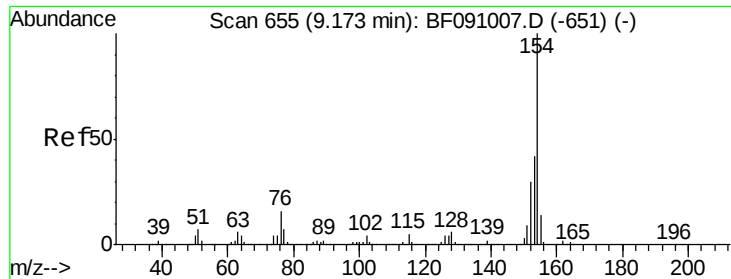
#44
 2-Fluorobiphenyl
 Concen: 89.30 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:172 Resp: 2377002
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.7 20.3 30.5



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

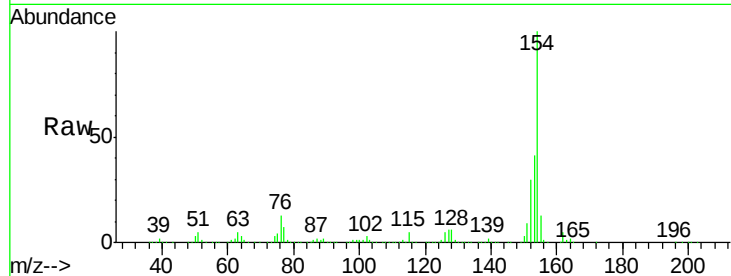




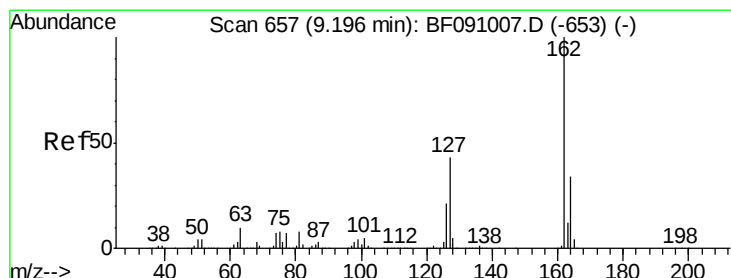
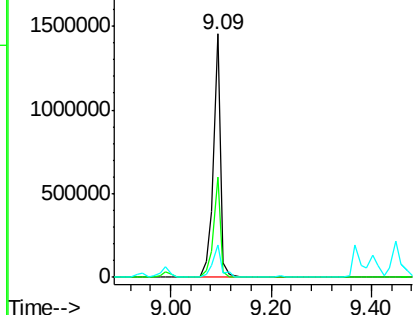
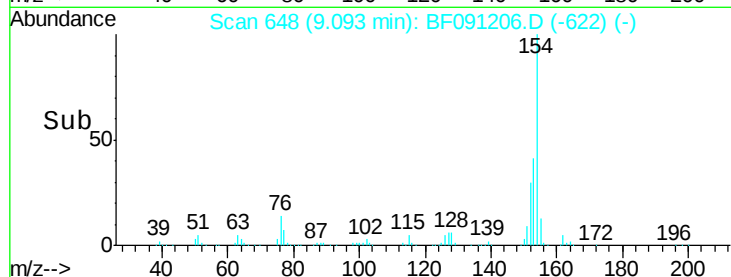
#45
 1,1'-Biphenyl
 Concen: 42.38 ng
 RT: 9.09 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:154 Resp: 1418271
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 13.5 0.0 36.2

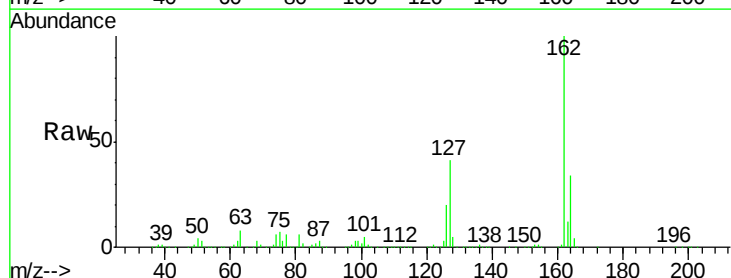


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

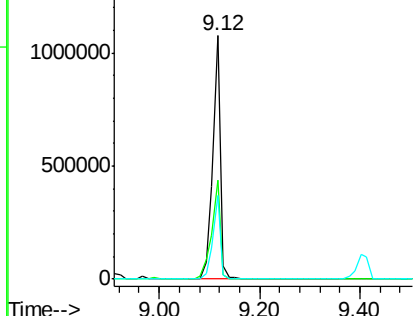
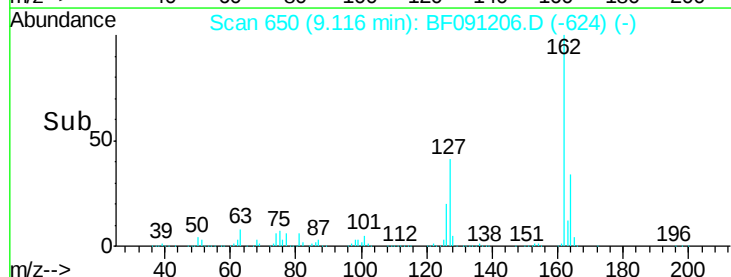


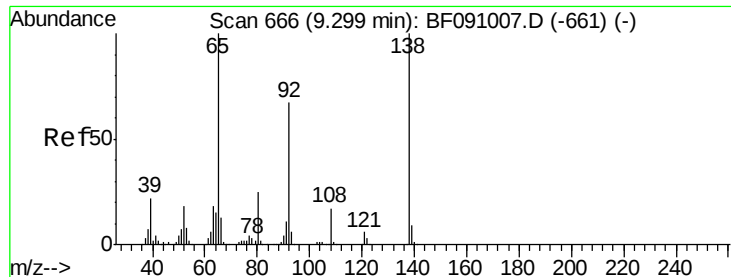
#46
 2-Chloronaphthalene
 Concen: 44.60 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:162 Resp: 1133192
 Ion Ratio Lower Upper
 162 100
 127 40.7 34.7 52.1
 164 34.4 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: 38.05 ng

RT: 9.22 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

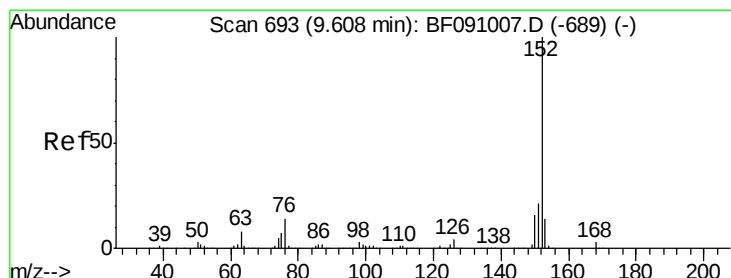
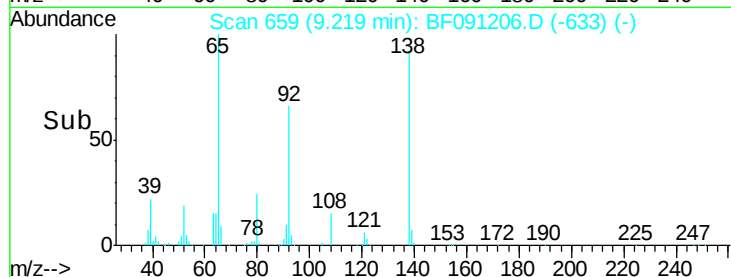
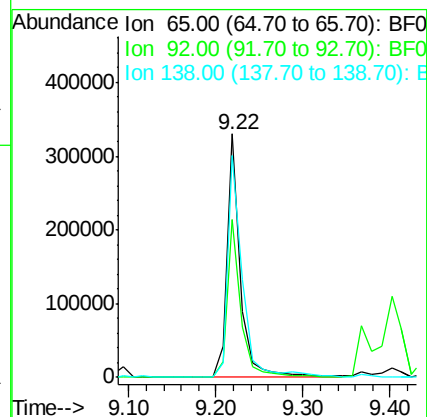
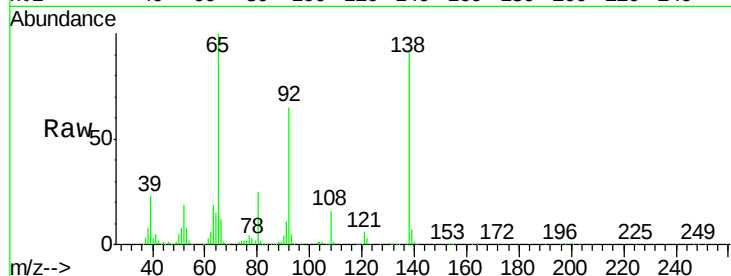
Tgt Ion: 65 Resp: 358751

Ion Ratio Lower Upper

65 100

92 65.1 53.9 80.9

138 91.2 80.1 120.1



#48

Acenaphthylene

Concen: 40.98 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

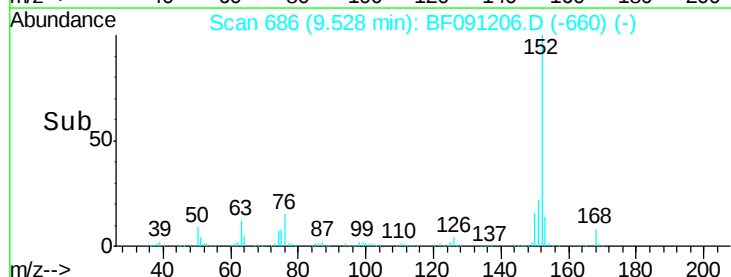
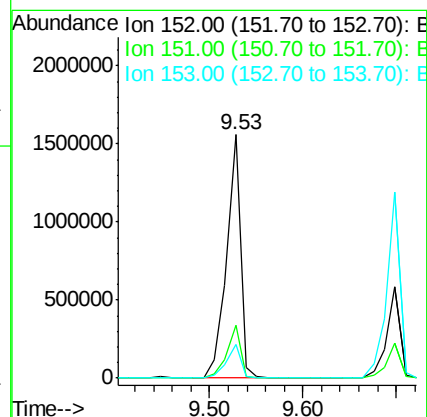
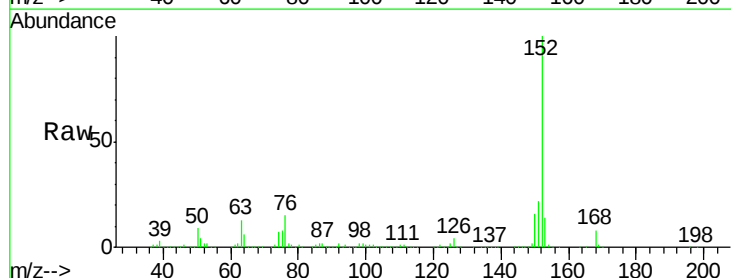
Tgt Ion: 152 Resp: 1622627

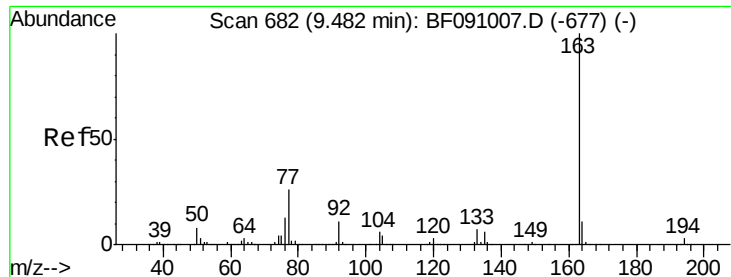
Ion Ratio Lower Upper

152 100

151 21.6 16.7 25.1

153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 55.57 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

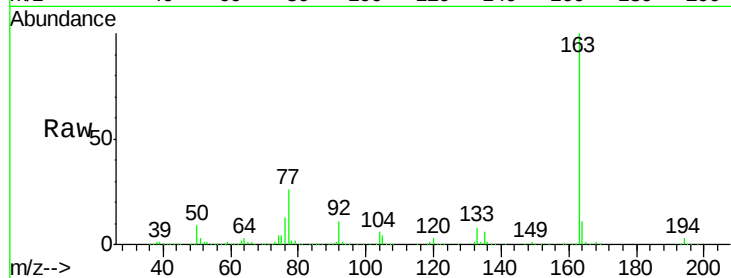
Tgt Ion:163 Resp: 1669802

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

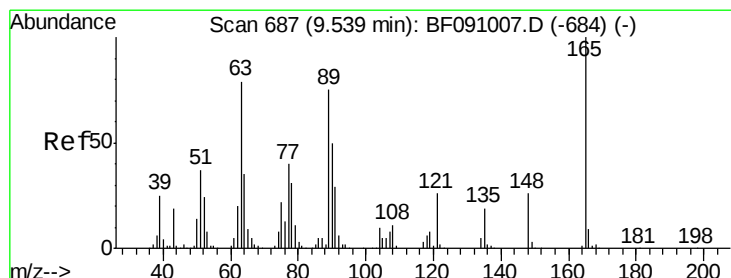
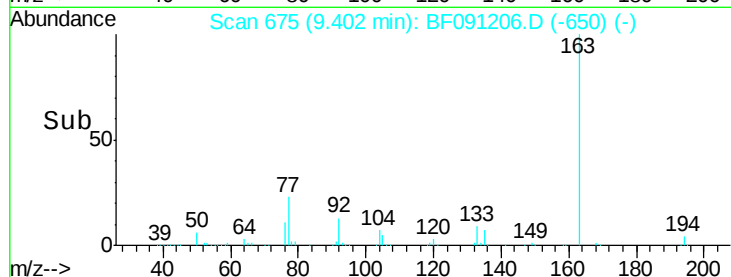
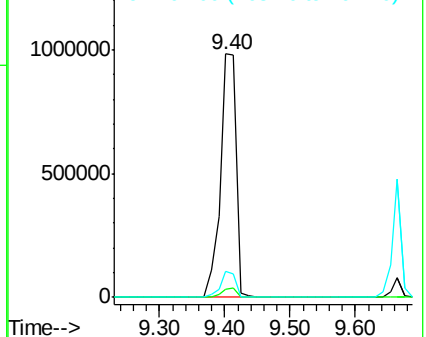
164 10.9 8.7 13.1



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: 48.92 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

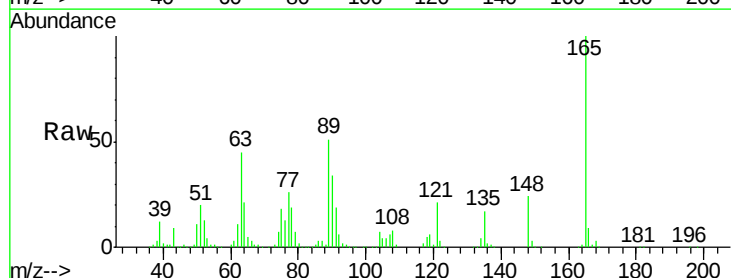
Tgt Ion:165 Resp: 315065

Ion Ratio Lower Upper

165 100

63 45.4 65.6 98.4#

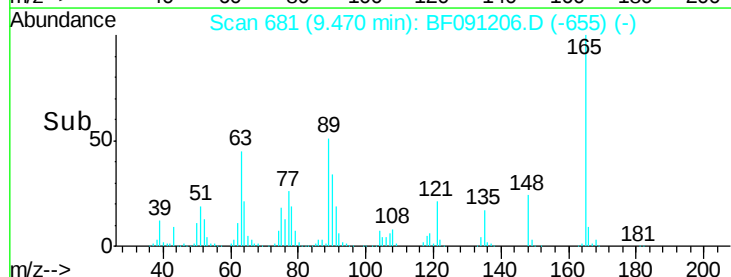
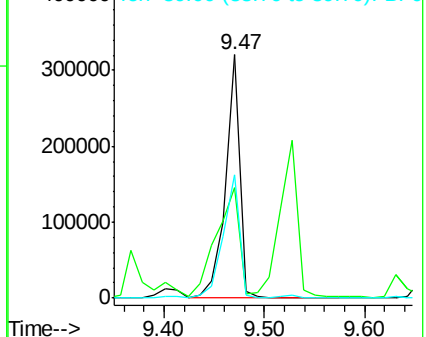
89 50.8 59.8 89.6#

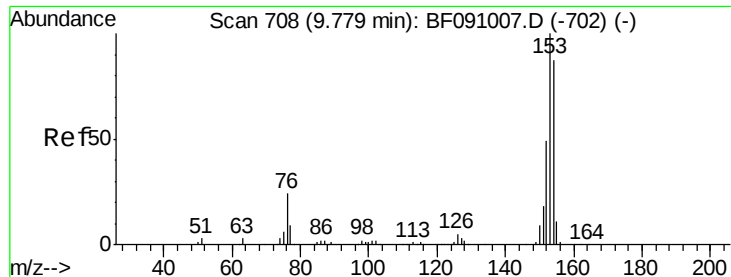


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.56 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

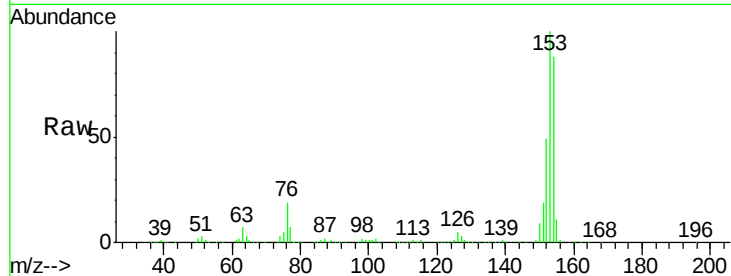
Tgt Ion:154 Resp: 1033078

Ion Ratio Lower Upper

154 100

153 113.5 91.6 137.4

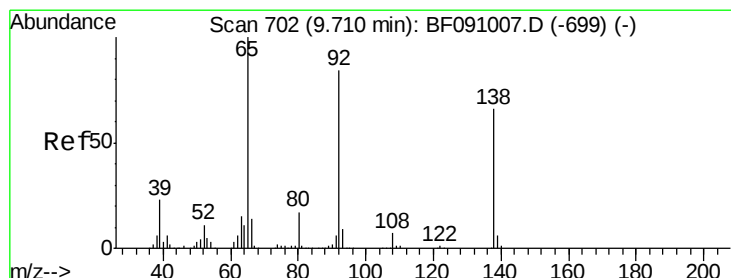
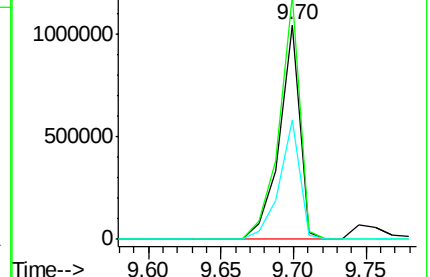
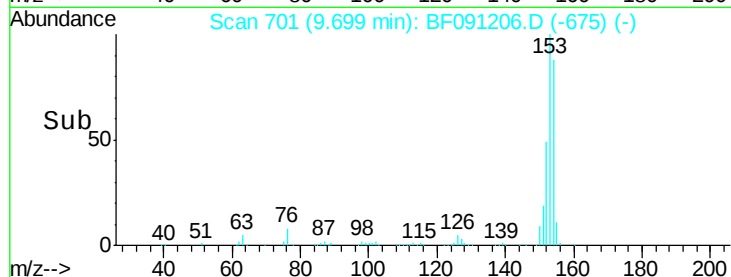
152 55.9 44.6 67.0



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: 23.95 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

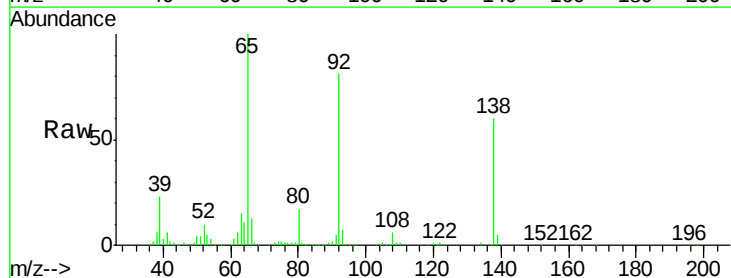
Tgt Ion:138 Resp: 182909

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

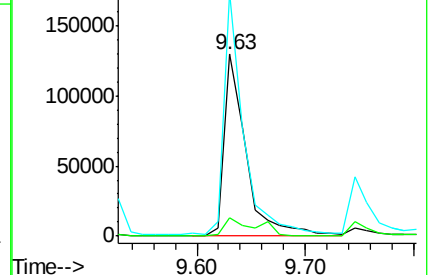
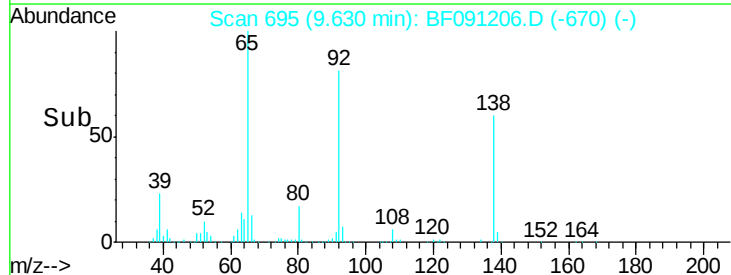
92 134.0 101.1 151.7

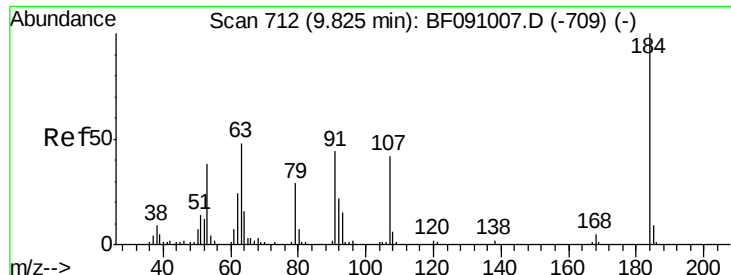


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

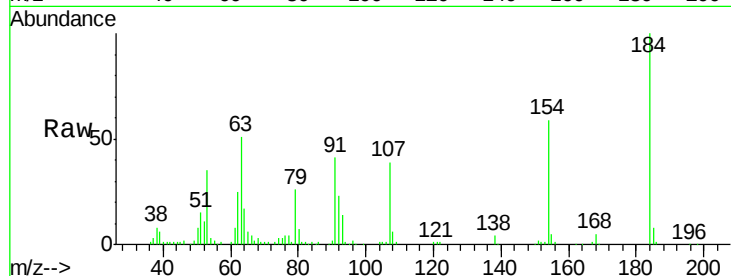




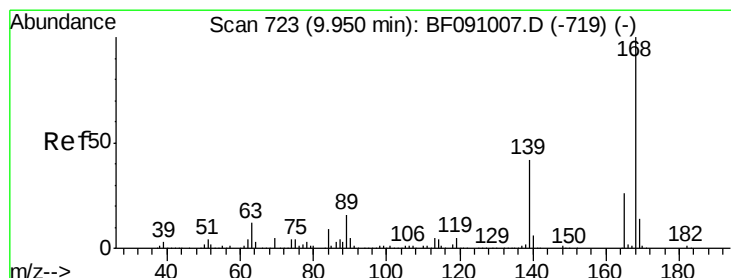
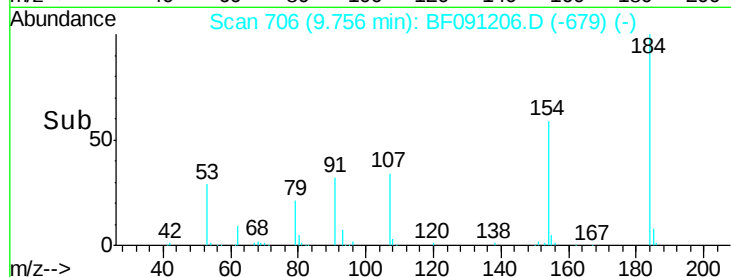
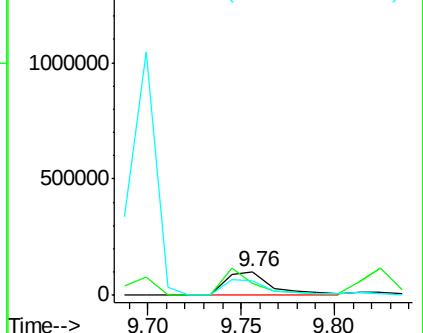
#53
 2,4-Dinitrophenol
 Concen: 52.54 ng
 RT: 9.76 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:184 Resp: 176138
 Ion Ratio Lower Upper
 184 100
 63 51.5 45.5 68.3
 154 59.2 51.0 76.4

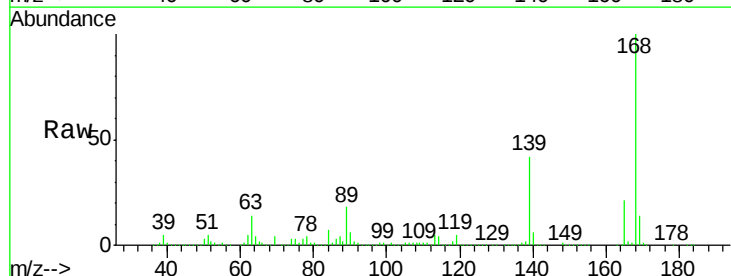


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

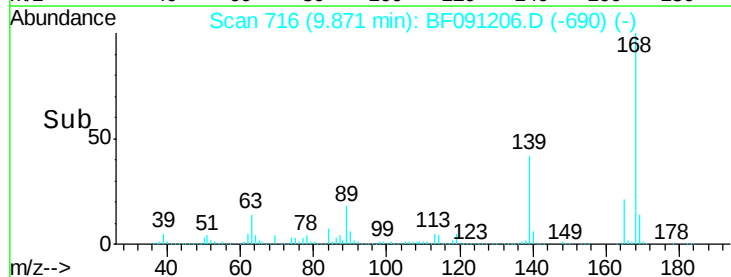
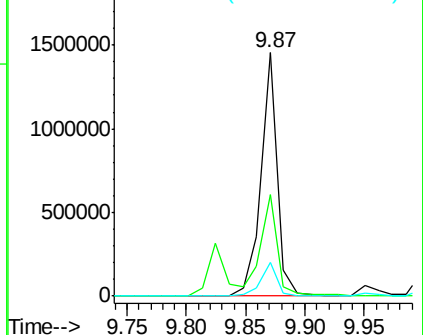


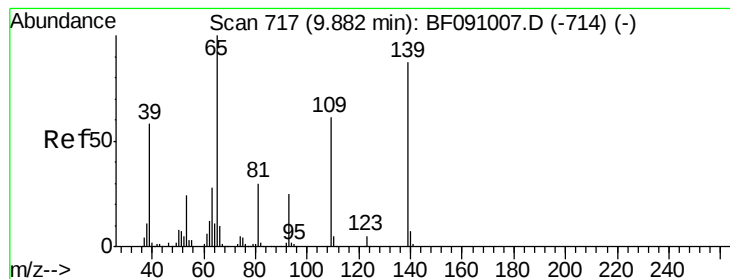
#54
 Dibenzofuran
 Concen: 41.80 ng
 RT: 9.87 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:168 Resp: 1398532
 Ion Ratio Lower Upper
 168 100
 139 41.6 34.8 52.2
 169 14.0 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: 66.95 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

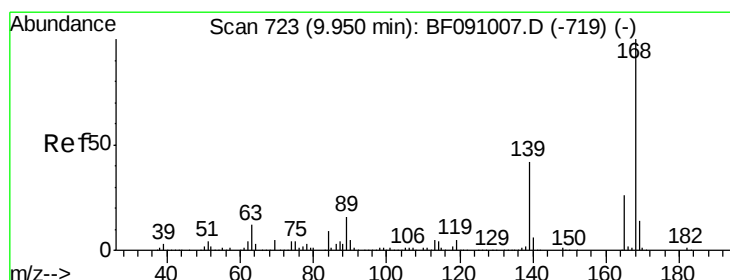
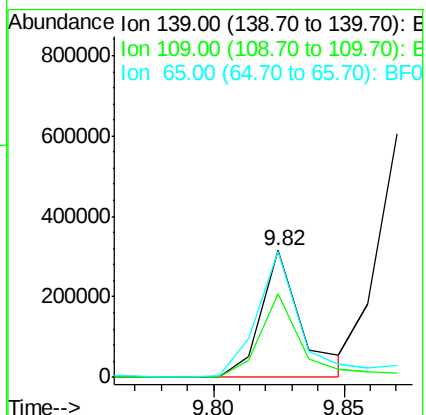
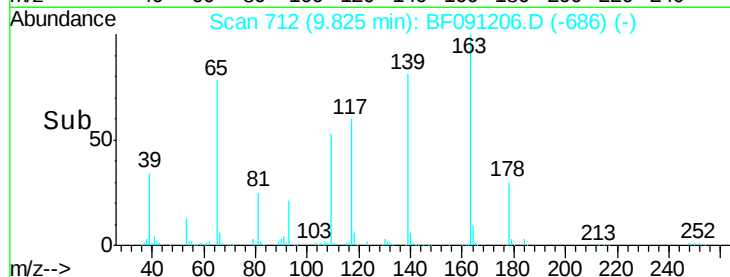
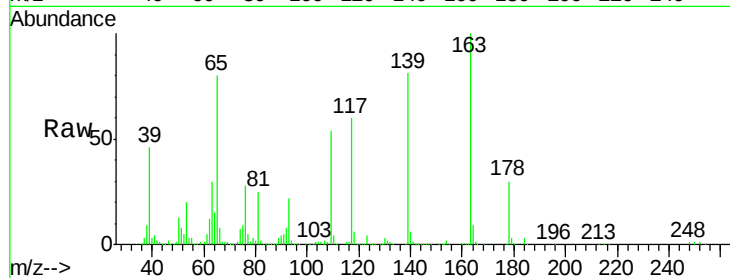
Tgt Ion:139 Resp: 335367

Ion Ratio Lower Upper

139 100

109 66.1 50.5 90.5

65 98.5 97.1 137.1



#56

2,4-Dinitrotoluene

Concen: 39.59 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Tgt Ion:165 Resp: 324405

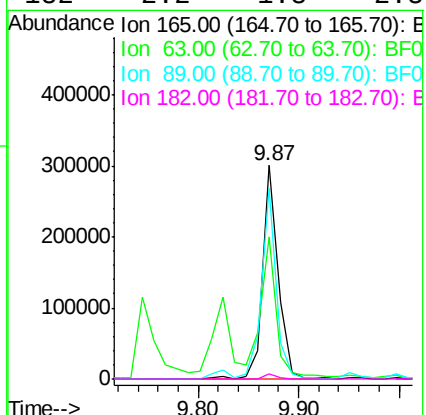
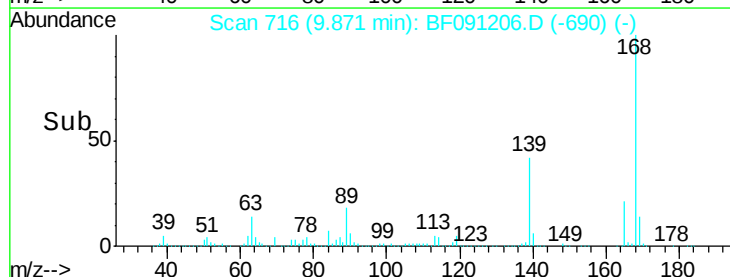
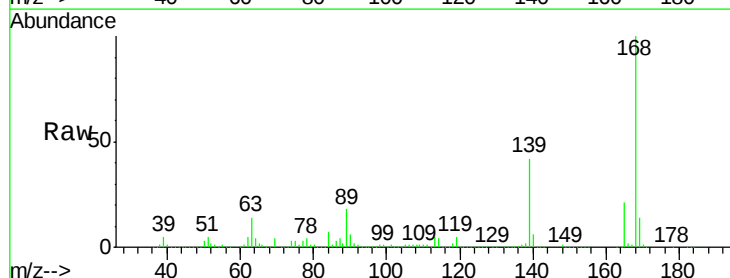
Ion Ratio Lower Upper

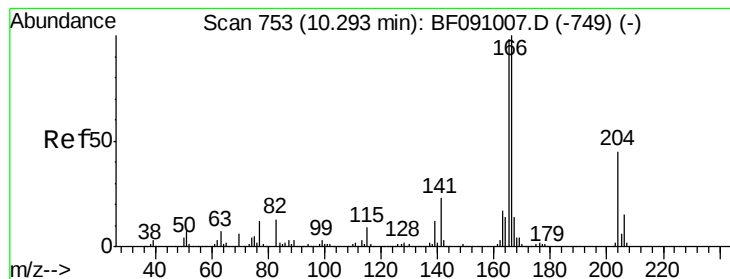
165 100

63 66.8 38.7 58.1#

89 89.1 50.6 76.0#

182 2.2 1.8 2.8





#57

Fluorene

Concen: 41.86 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

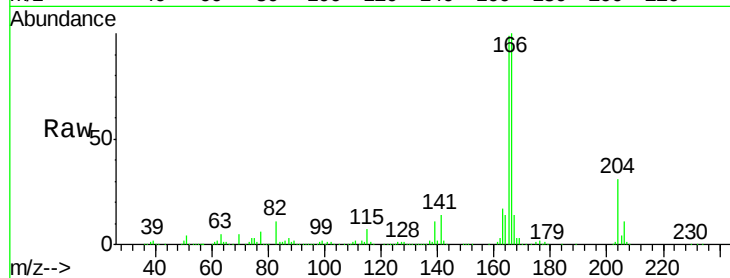
Tgt Ion:166 Resp: 1144964

Ion Ratio Lower Upper

166 100

165 98.9 78.6 118.0

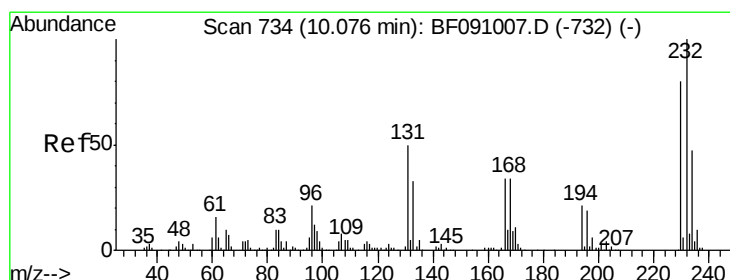
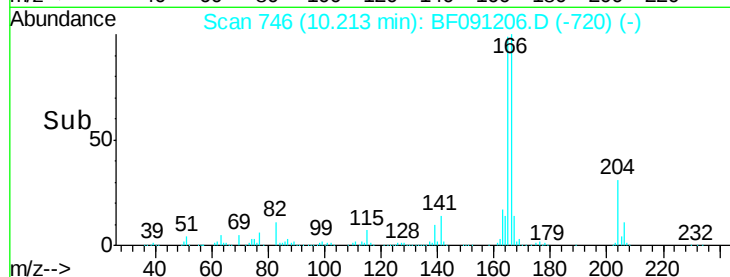
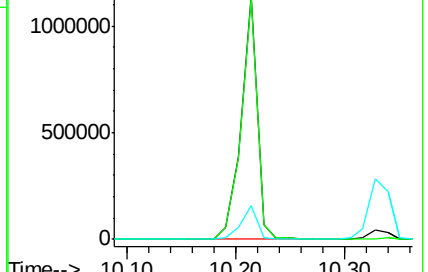
167 13.7 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.13 ng

RT: 10.00 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Tgt Ion:232 Resp: 298639

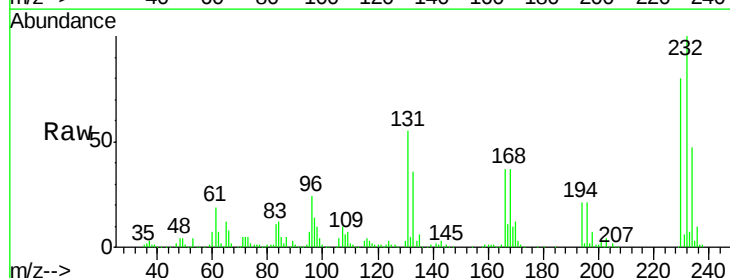
Ion Ratio Lower Upper

232 100

131 52.3 43.6 65.4

130 2.6 2.0 3.0

166 33.9 27.4 41.2

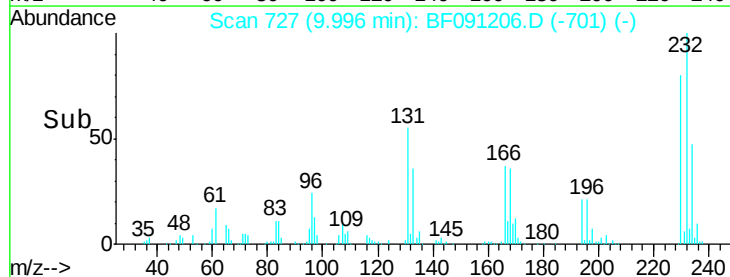
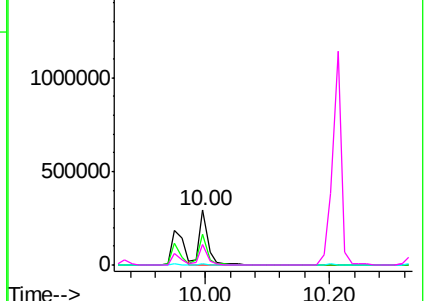


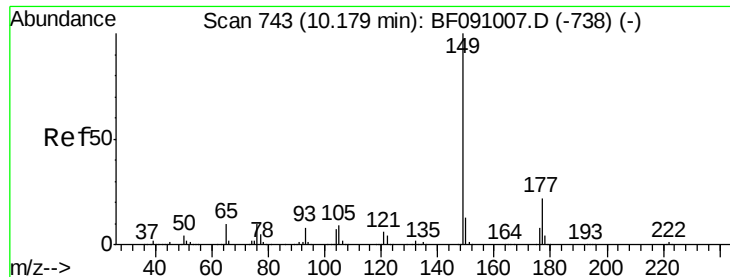
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

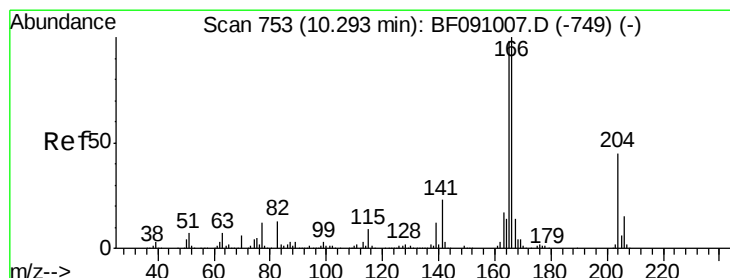
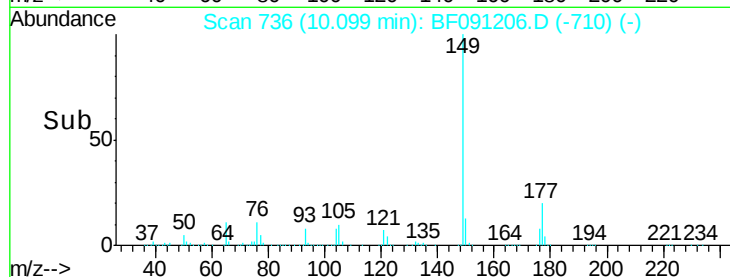
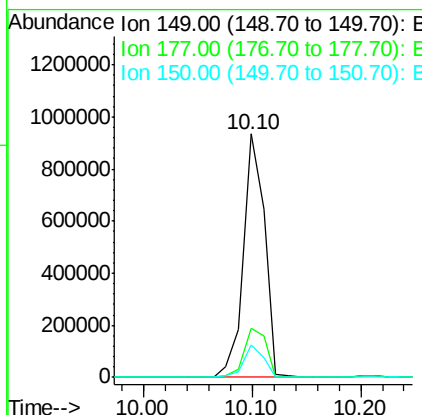
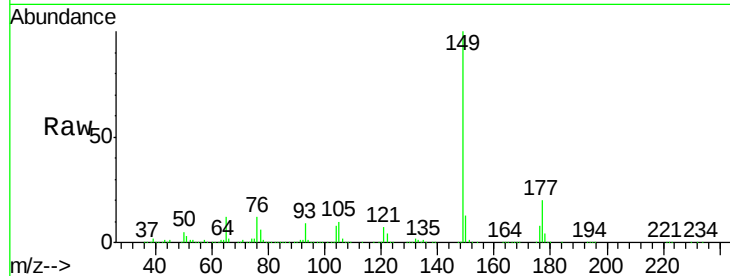




#59
Diethylphthalate
Concen: 40.67 ng
RT: 10.10 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

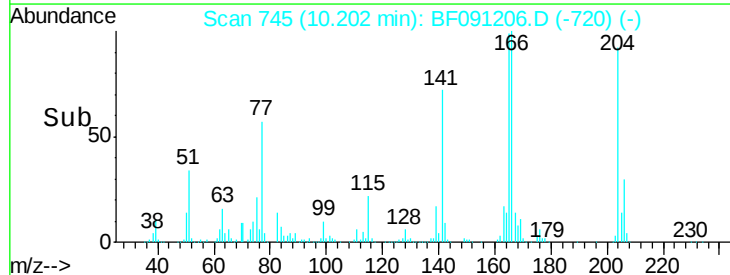
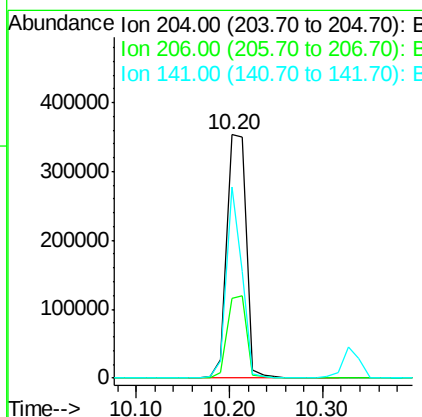
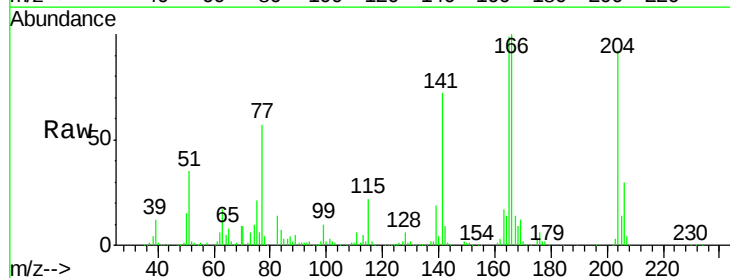
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

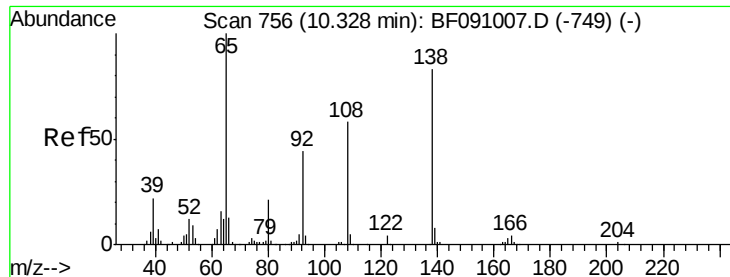
Tgt Ion:149 Resp: 1252976
Ion Ratio Lower Upper
149 100
177 20.1 17.3 25.9
150 13.2 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 41.39 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:204 Resp: 515250
Ion Ratio Lower Upper
204 100
206 32.7 27.1 40.7
141 78.5 40.1 60.1#

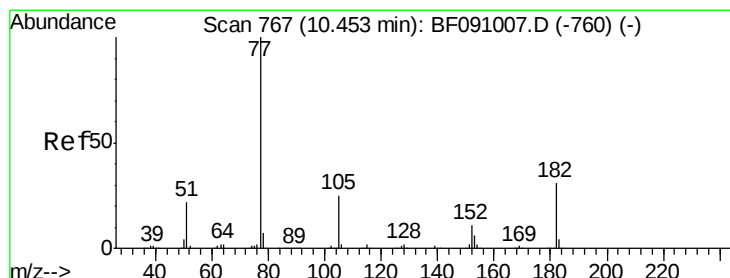
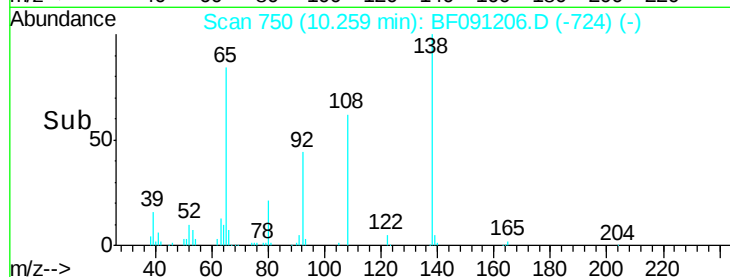
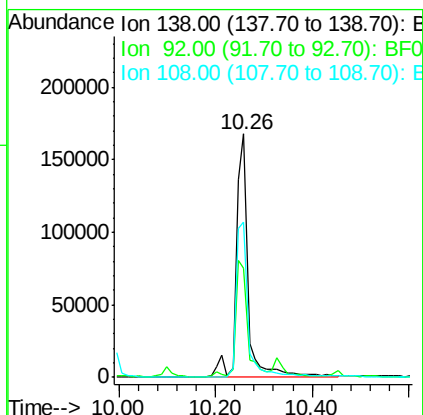
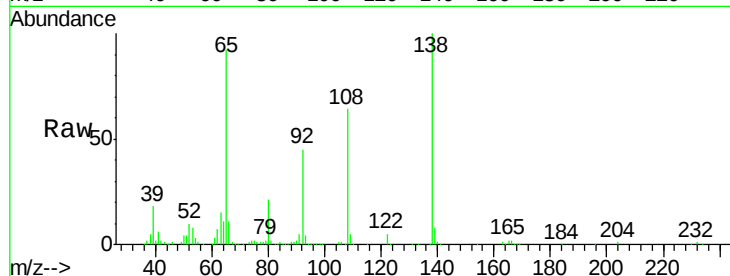




#61
4-Nitroaniline
Concen: 37.17 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

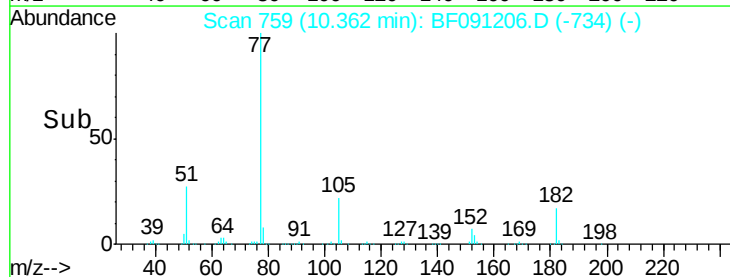
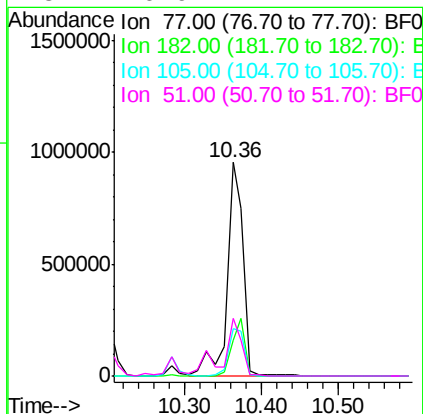
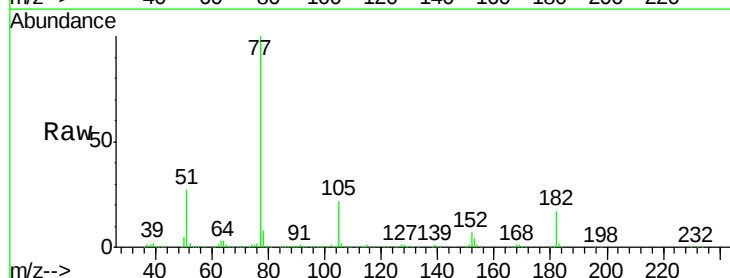
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

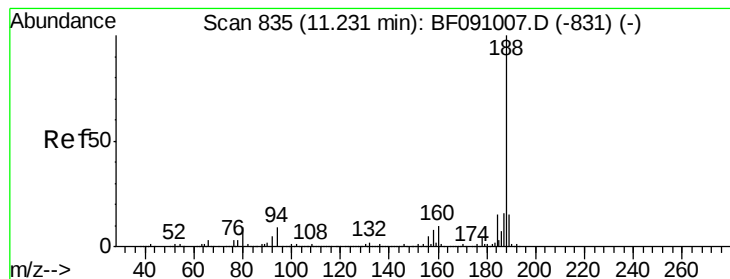
Tgt Ion:138 Resp: 287195
Ion Ratio Lower Upper
138 100
92 45.0 32.5 72.5
108 63.8 49.4 89.4



#62
Azobenzene
Concen: 38.98 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion: 77 Resp: 1413888
Ion Ratio Lower Upper
77 100
182 16.6 11.0 51.0
105 22.0 5.6 45.6
51 26.9 2.7 42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

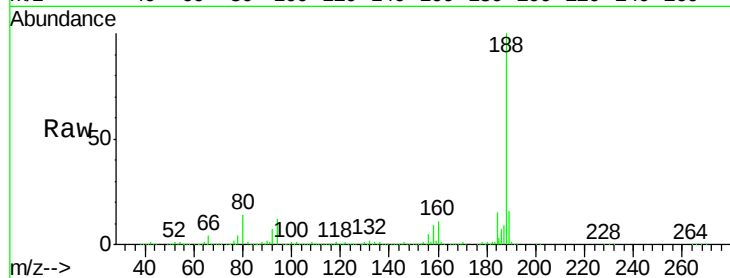
Tgt Ion:188 Resp: 688484

Ion Ratio Lower Upper

188 100

94 12.5 7.0 10.4#

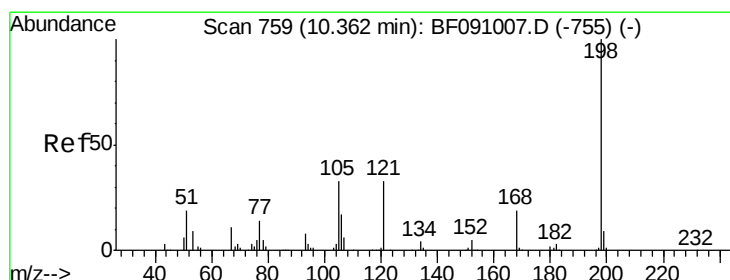
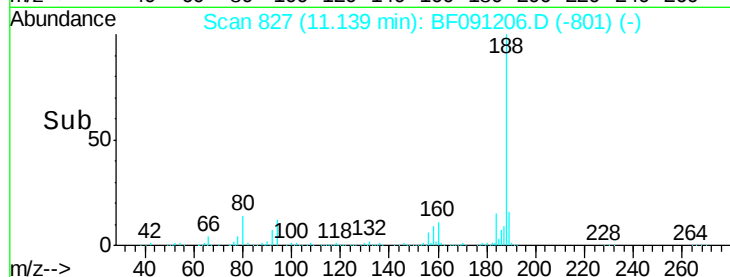
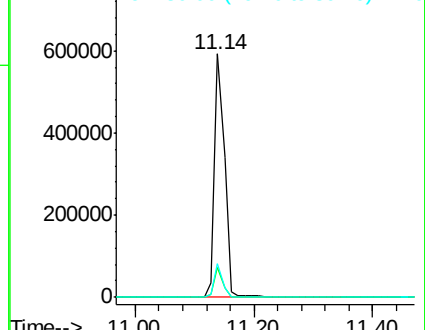
80 13.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.96 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

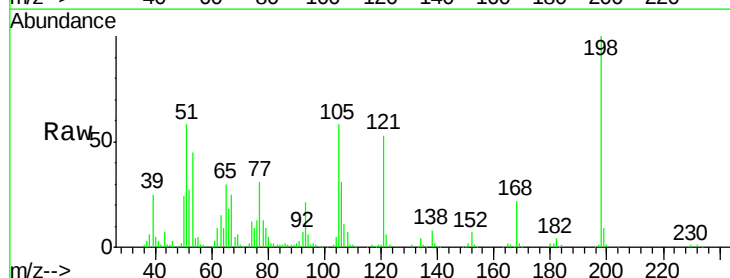
Tgt Ion:198 Resp: 168483

Ion Ratio Lower Upper

198 100

51 57.8 5.9 45.9#

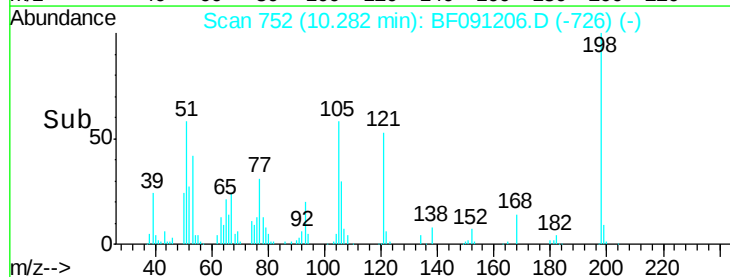
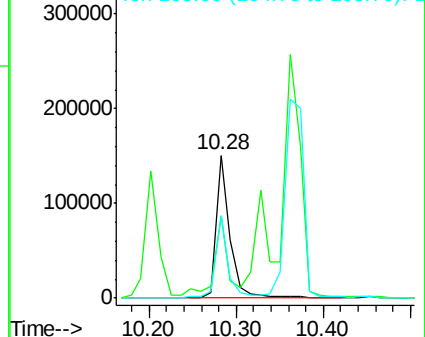
105 57.8 13.8 53.8#

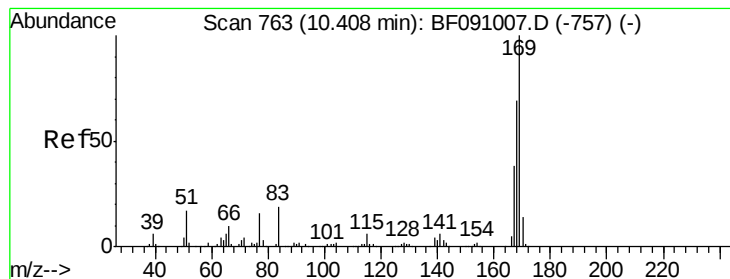


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.70 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

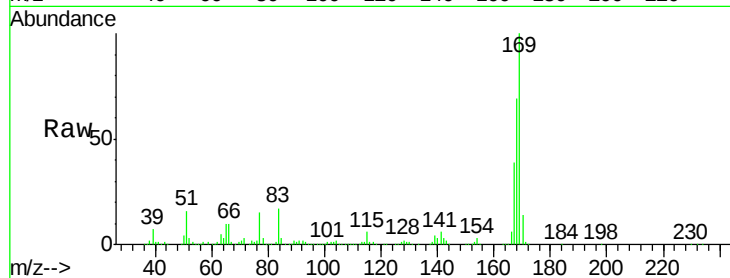
Tgt Ion:169 Resp: 1021914

Ion Ratio Lower Upper

169 100

168 69.2 55.3 82.9

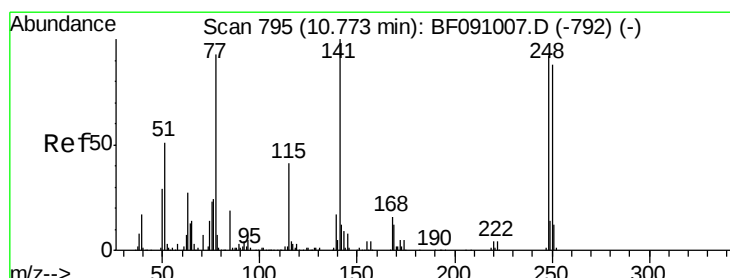
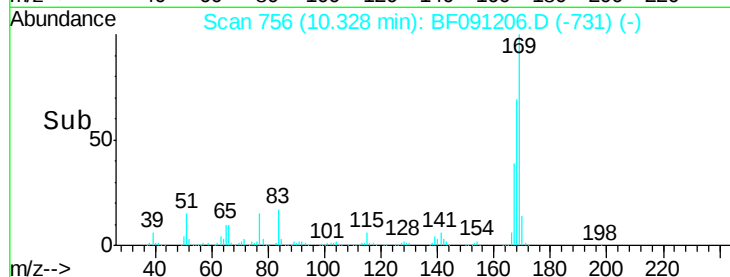
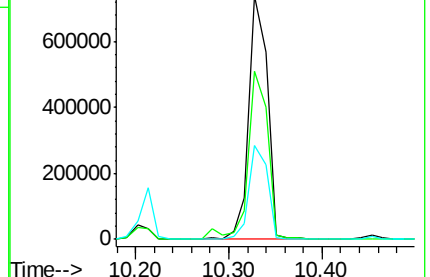
167 38.8 30.3 45.5



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: 47.87 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

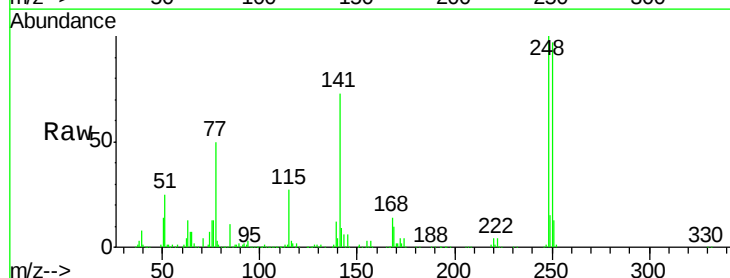
Tgt Ion:248 Resp: 342811

Ion Ratio Lower Upper

248 100

250 97.1 76.3 114.5

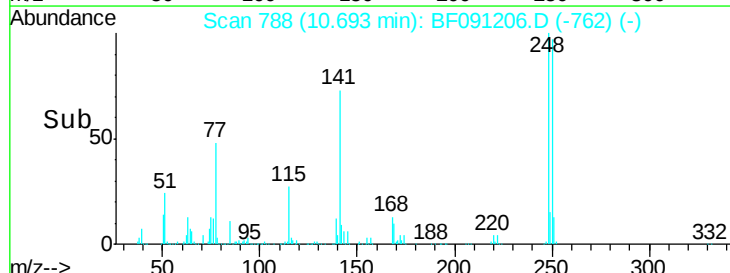
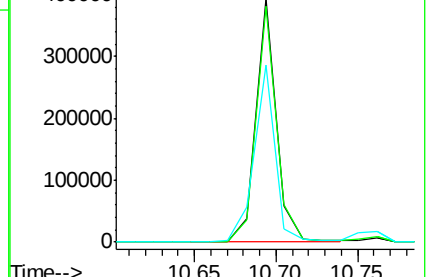
141 72.8 86.8 130.2#

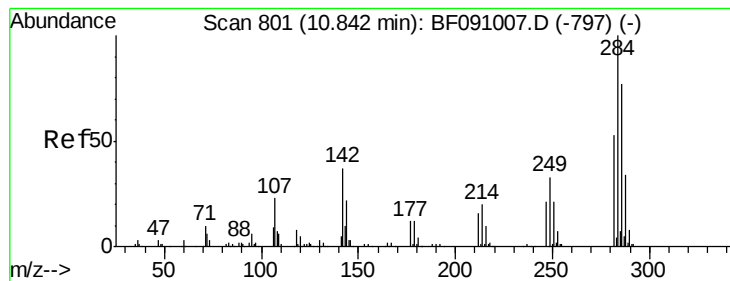


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.16 ng

RT: 10.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

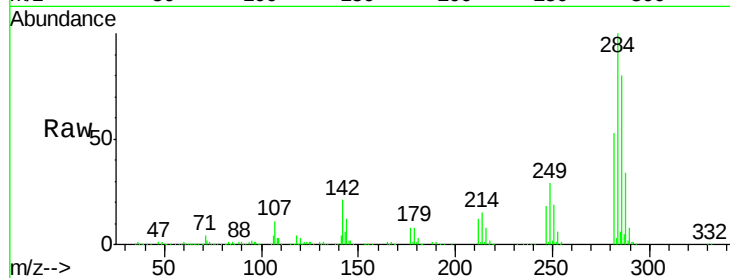
Tgt Ion:284 Resp: 411982

Ion Ratio Lower Upper

284 100

142 21.4 29.9 44.9#

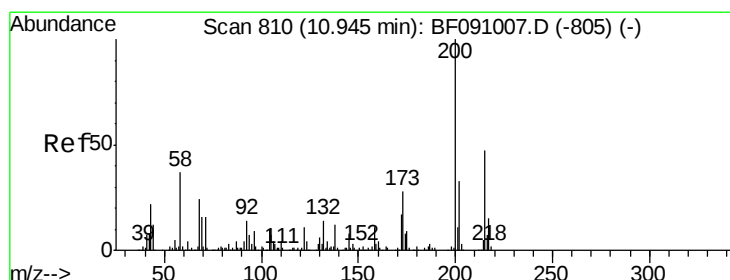
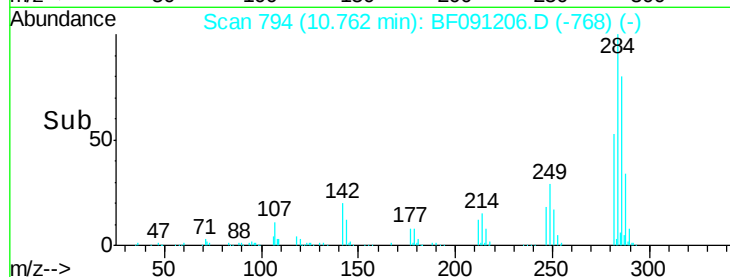
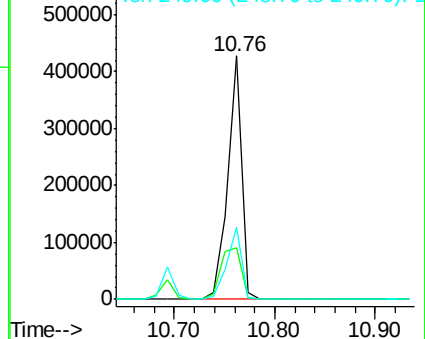
249 29.5 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.12 ng

RT: 10.86 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

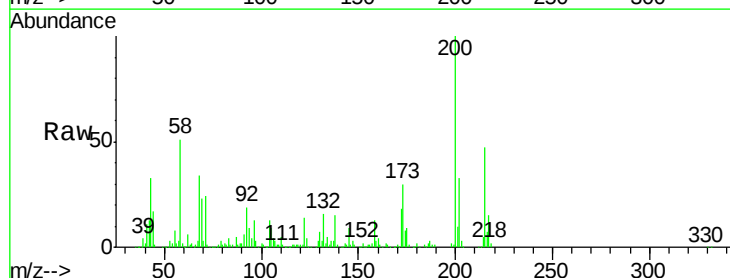
Tgt Ion:200 Resp: 272253

Ion Ratio Lower Upper

200 100

173 29.9 8.1 48.1

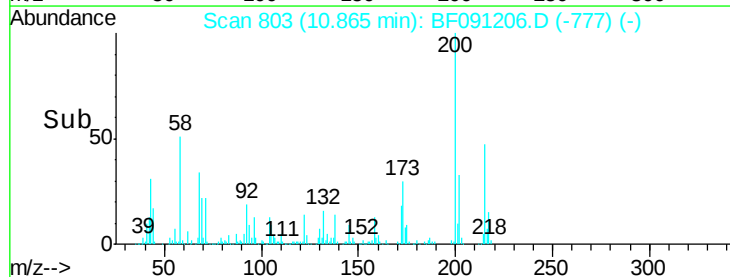
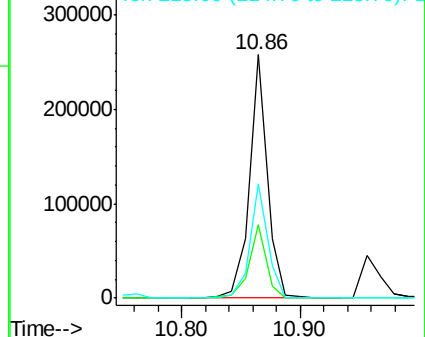
215 47.1 27.3 67.3

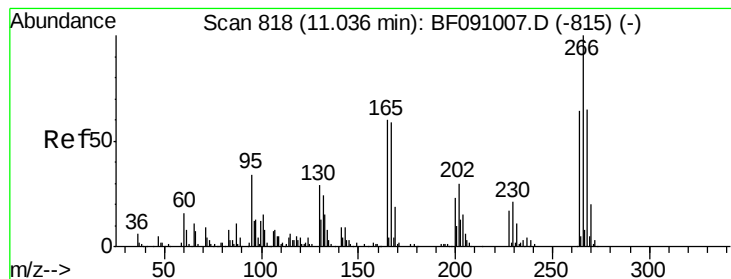


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 90.83 ng

RT: 10.96 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

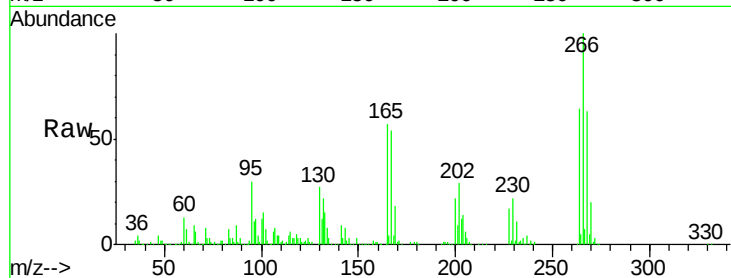
Tgt Ion:266 Resp: 317748

Ion Ratio Lower Upper

266 100

268 62.5 52.1 78.1

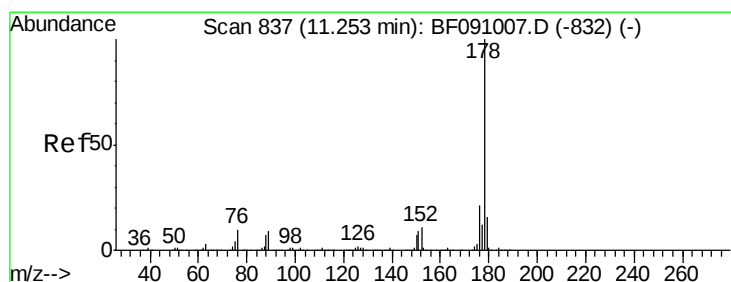
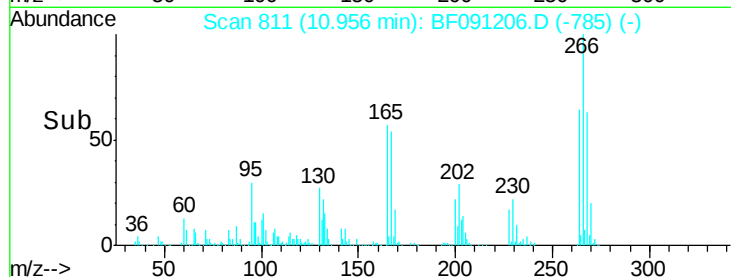
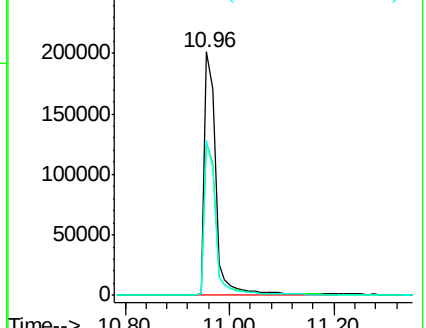
264 63.8 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.16 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

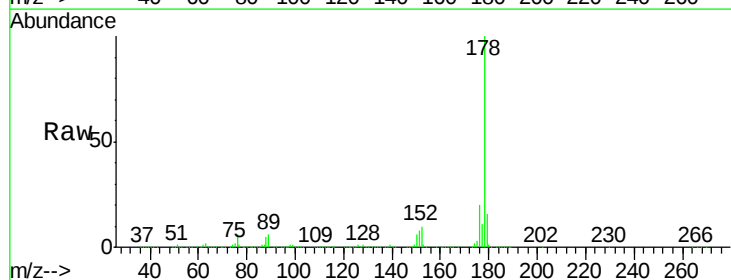
Tgt Ion:178 Resp: 1616333

Ion Ratio Lower Upper

178 100

176 20.4 16.6 25.0

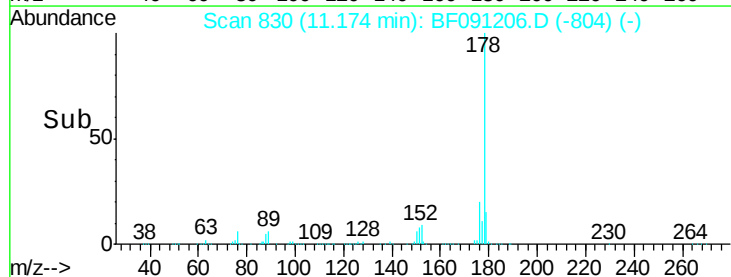
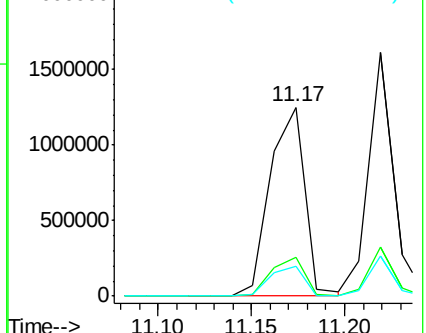
179 15.6 12.9 19.3

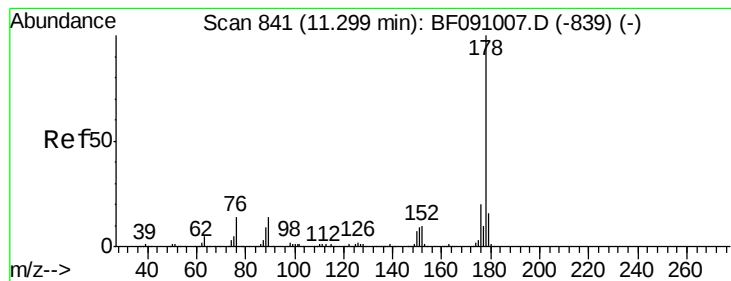


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.93 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

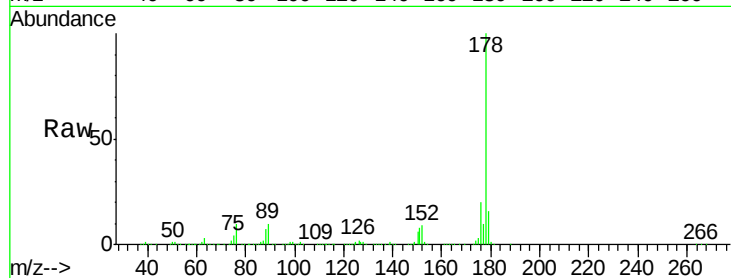
Tgt Ion:178 Resp: 1514700

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

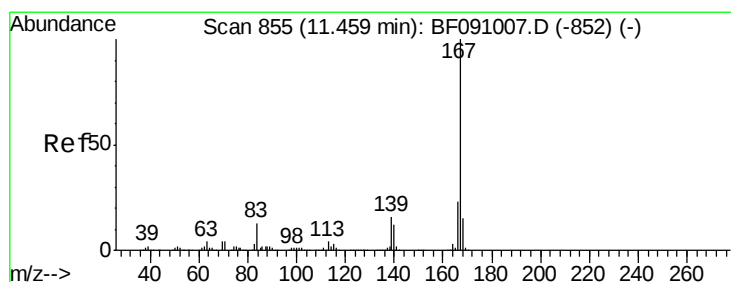
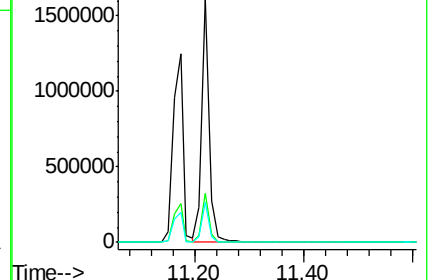
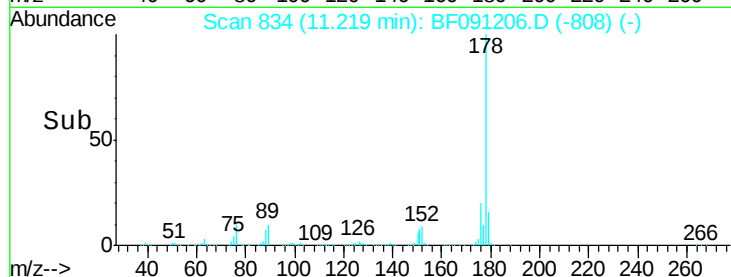
179 16.5 13.0 19.6



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: 37.11 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

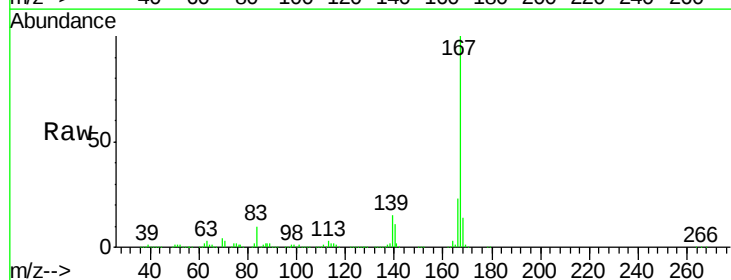
Tgt Ion:167 Resp: 1301208

Ion Ratio Lower Upper

167 100

166 22.7 18.0 27.0

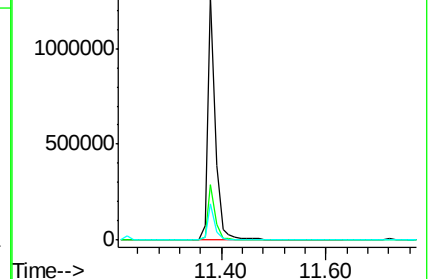
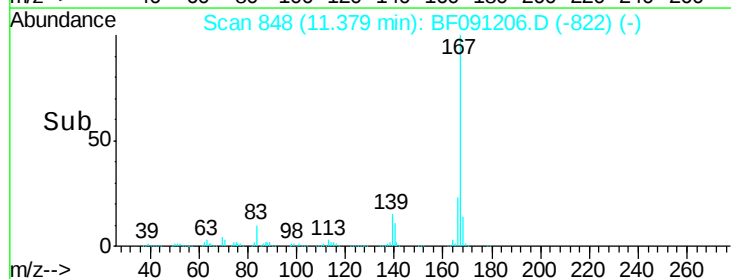
139 14.7 12.6 18.8

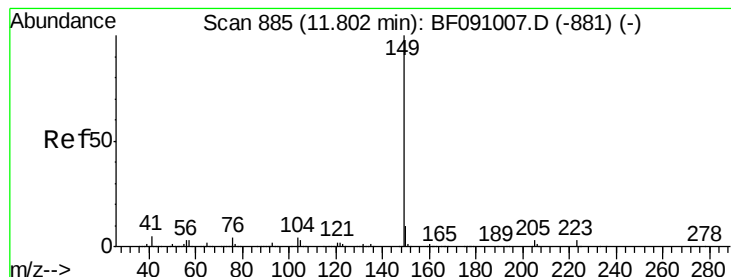


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.91 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

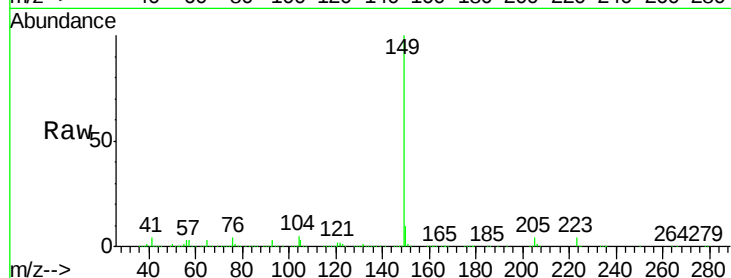
Tgt Ion:149 Resp: 1848065

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

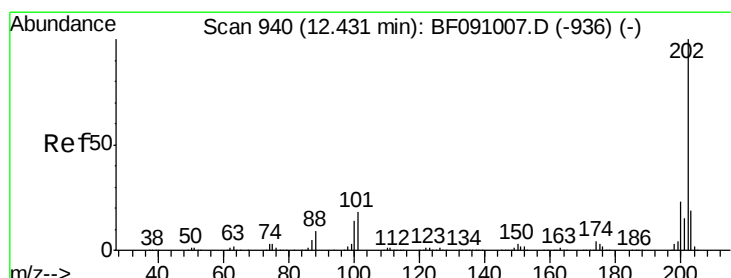
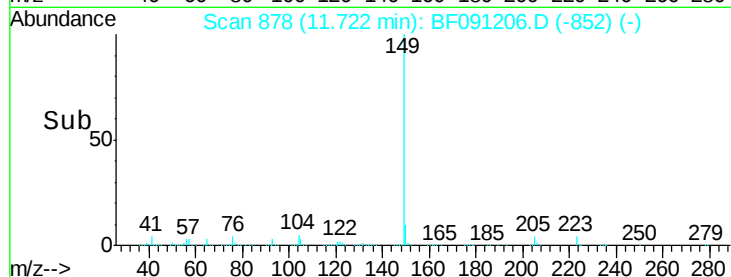
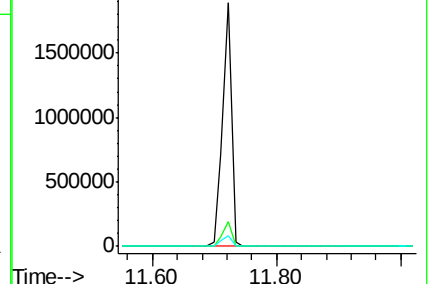
104 4.6 3.6 5.4



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: 39.22 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

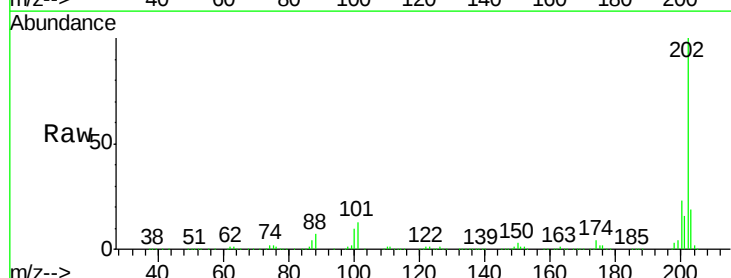
Tgt Ion:202 Resp: 1488813

Ion Ratio Lower Upper

202 100

101 13.3 0.0 37.6

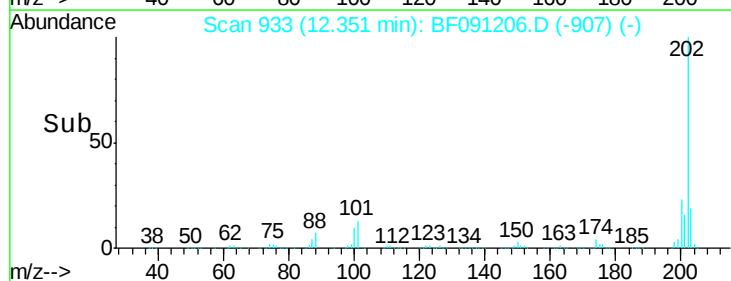
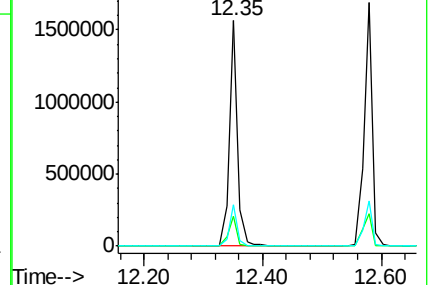
203 18.5 0.0 38.6

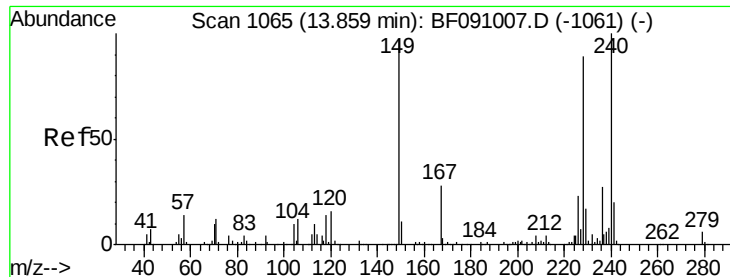


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

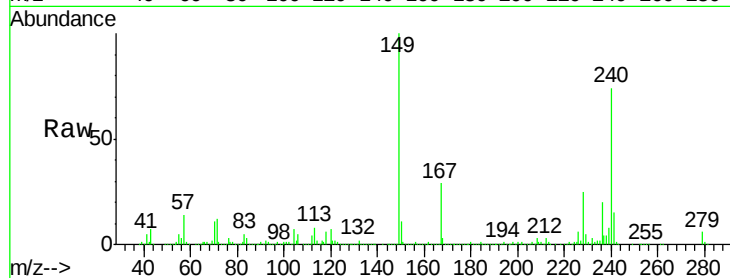
Tgt Ion:240 Resp: 534190

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

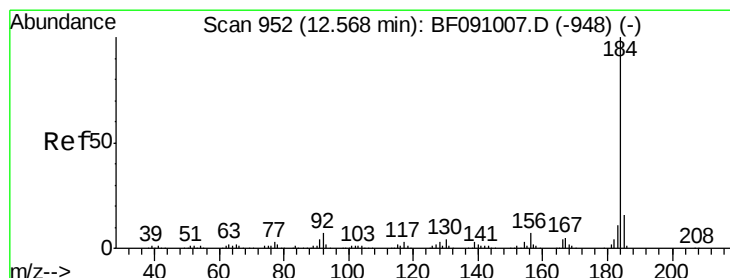
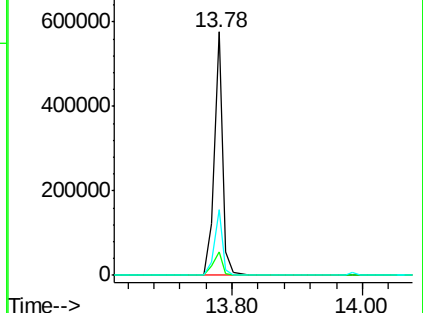
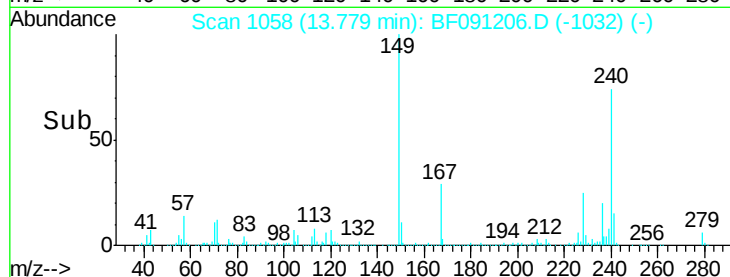
236 27.0 21.9 32.9



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: 33.22 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

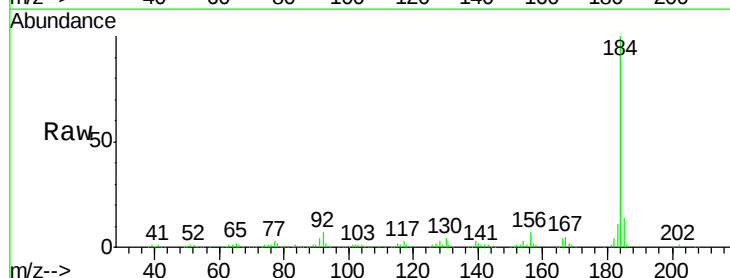
Tgt Ion:184 Resp: 396463

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.4

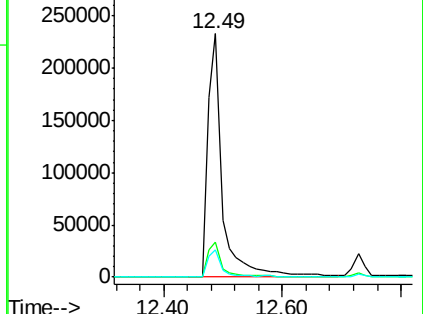
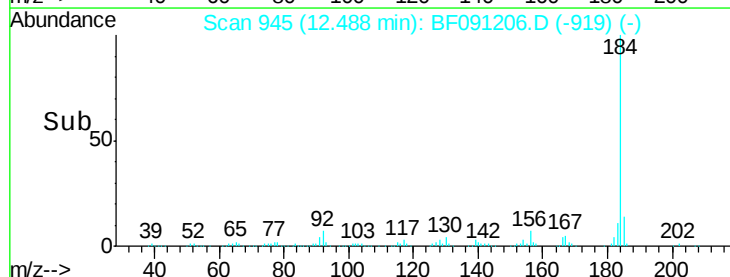
183 11.2 8.7 13.1

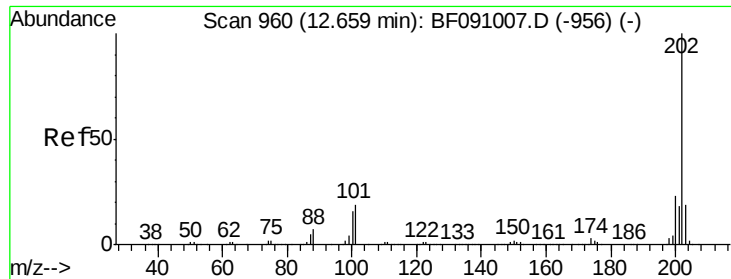


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

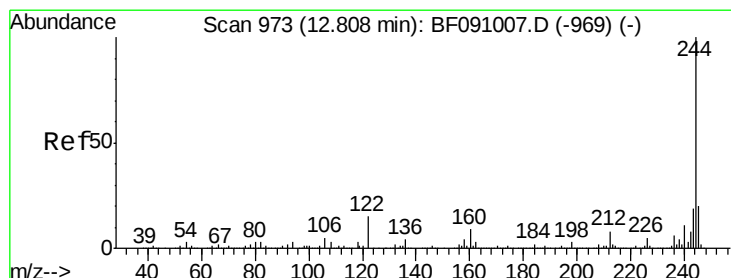
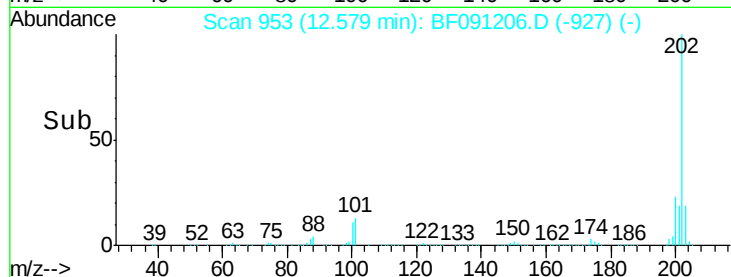
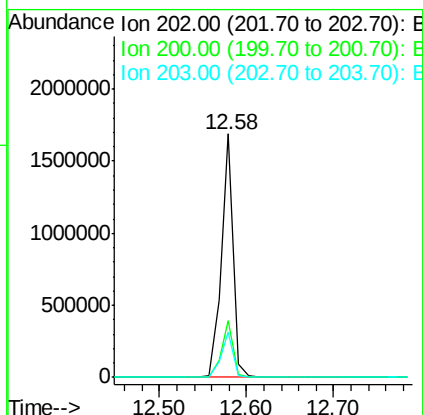
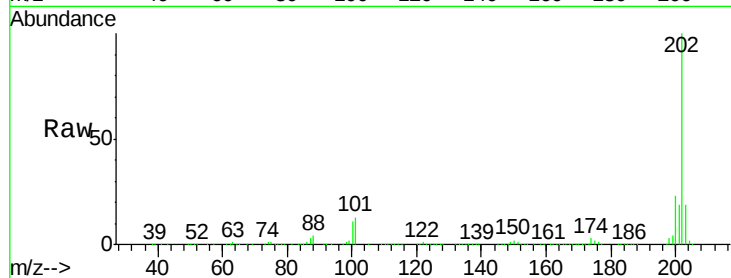




#77
 Pyrene
 Concen: 46.24 ng
 RT: 12.58 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

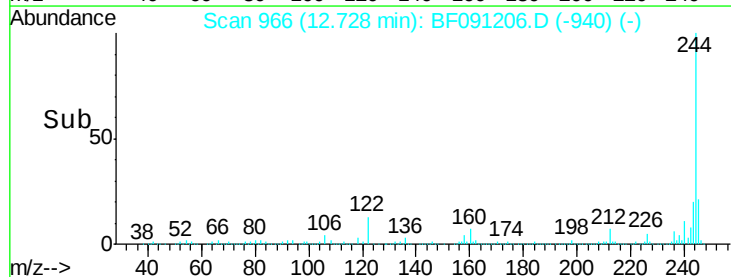
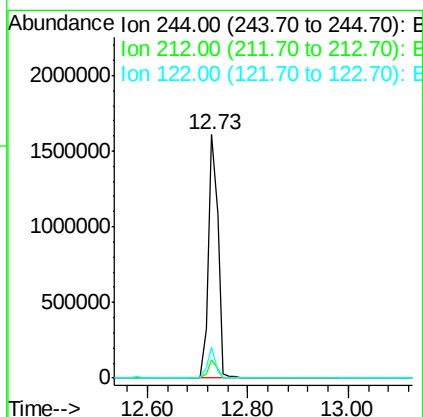
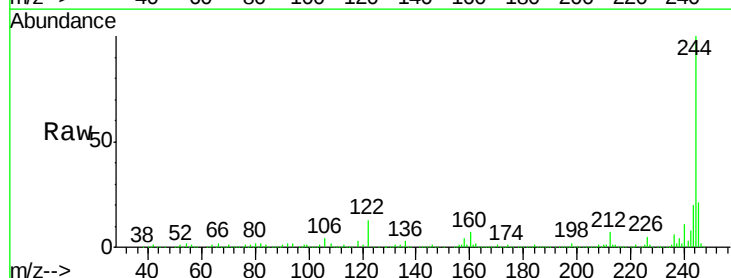
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

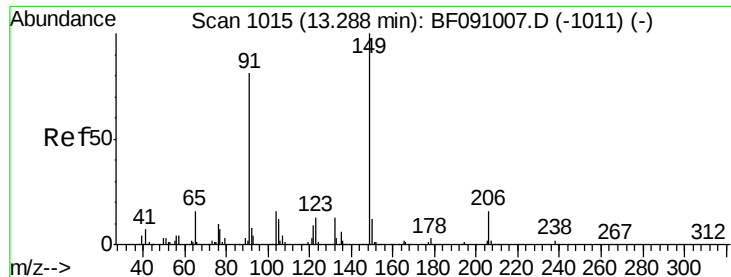
Tgt Ion:202 Resp: 1617560
 Ion Ratio Lower Upper
 202 100
 200 23.1 18.4 27.6
 203 18.5 15.0 22.6



#78
 Terphenyl-d14
 Concen: 99.44 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:244 Resp: 2128714
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 12.9 12.3 18.5

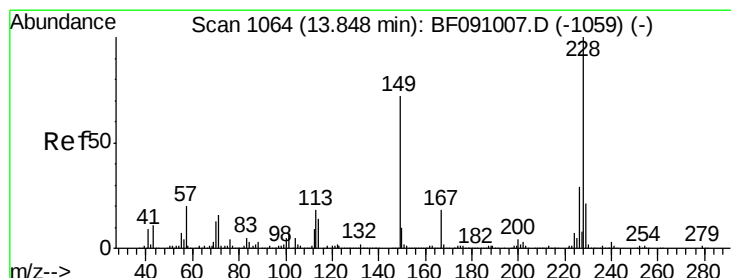
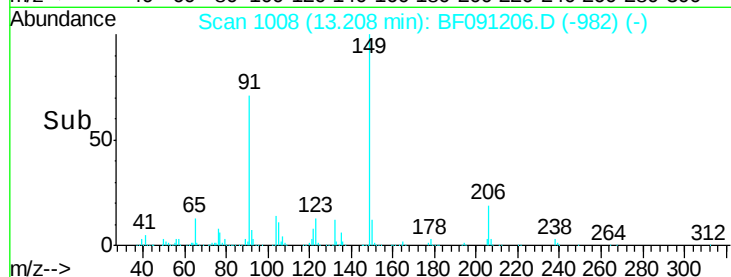
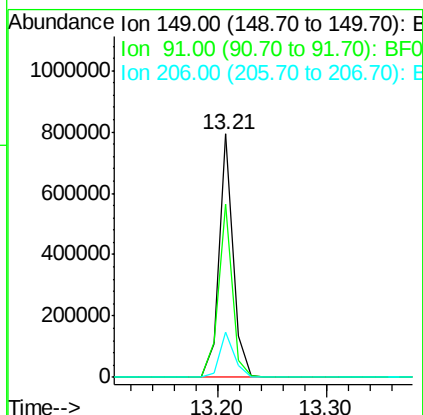
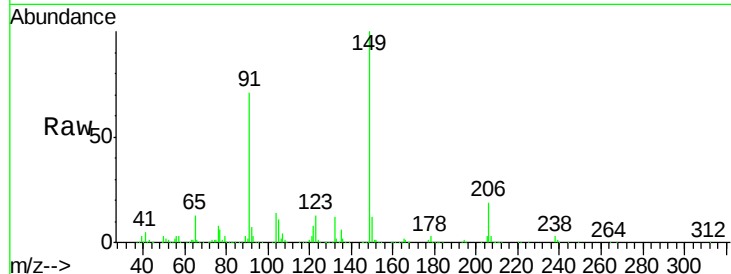




#79
Butylbenzylphthalate
Concen: 43.24 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

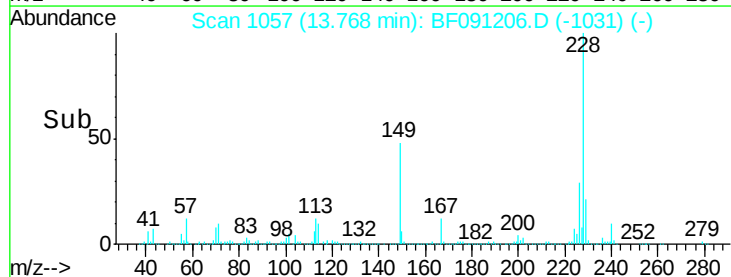
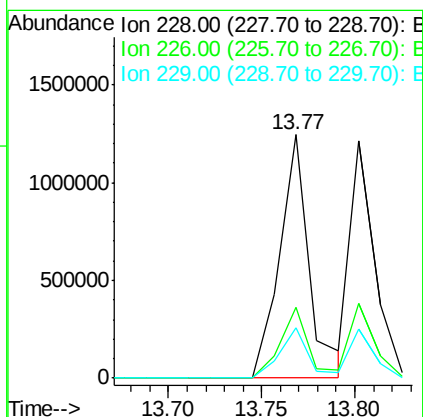
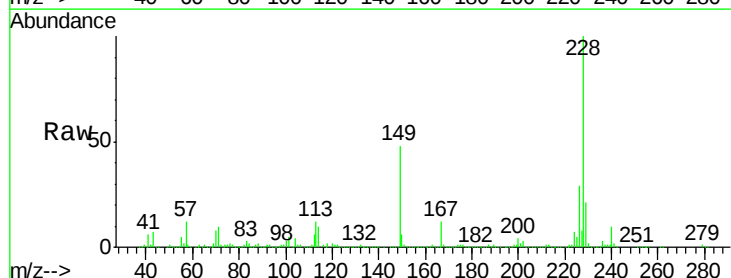
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

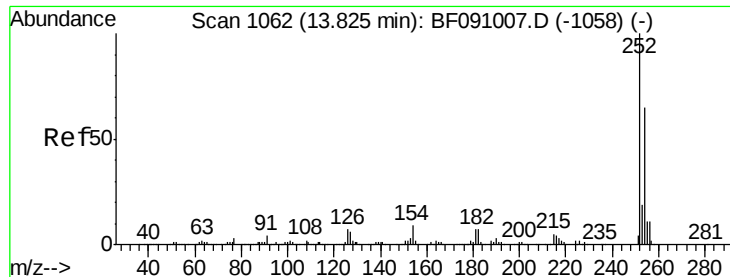
Tgt Ion:149 Resp: 723531
Ion Ratio Lower Upper
149 100
91 71.3 65.0 97.4
206 18.8 12.5 18.7#



#80
Benzo(a)anthracene
Concen: 45.38 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:228 Resp: 1376247
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.6
229 20.8 16.6 24.8

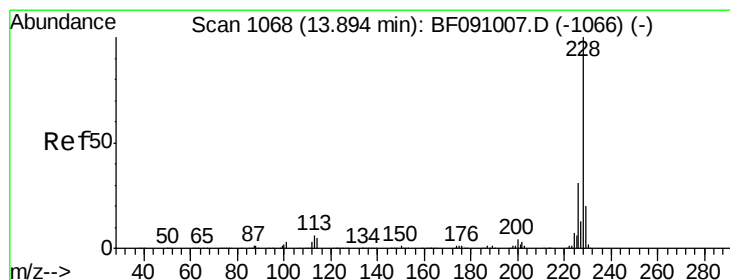
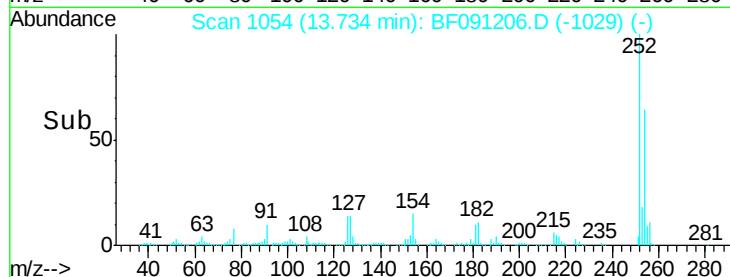
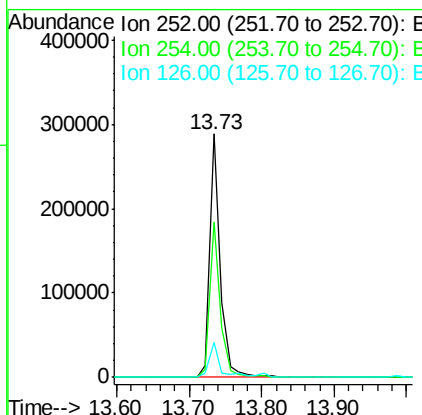
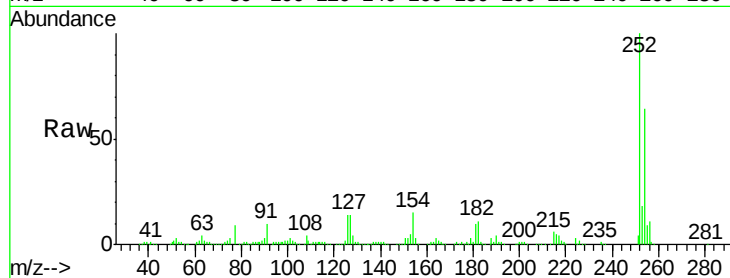




#81
 3,3'-Dichlorobenzidine
 Concen: 27.46 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

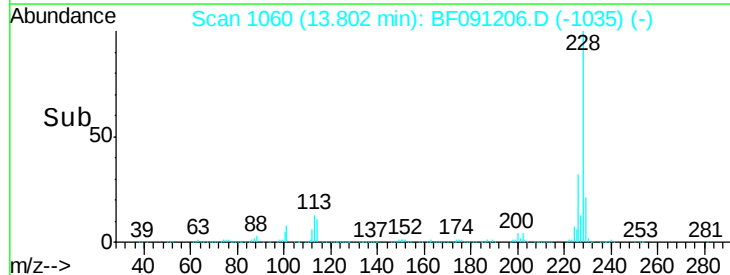
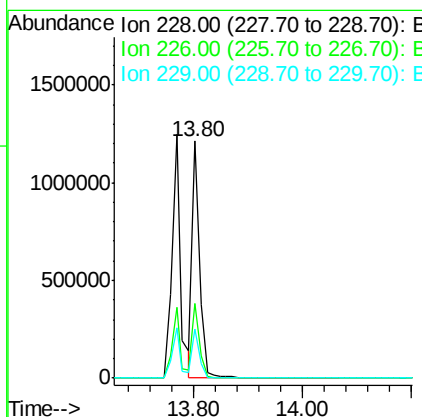
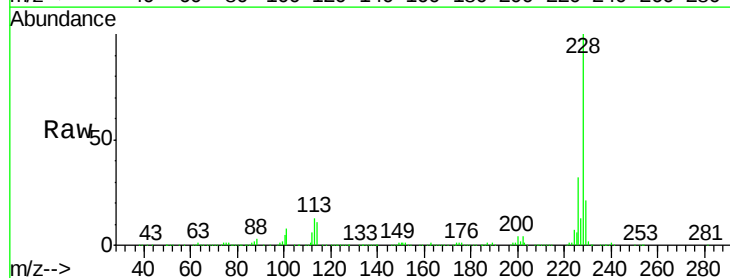
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

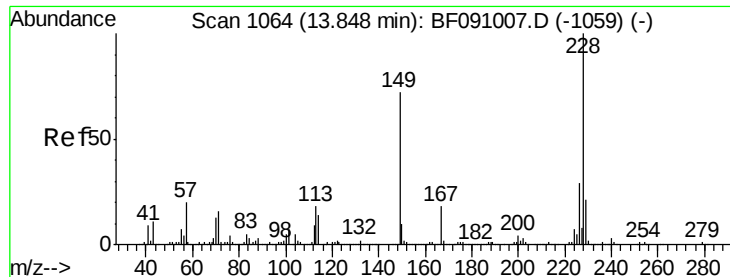
Tgt Ion:252 Resp: 292567
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.0 78.0
 126 14.1 5.4 8.2#



#82
 Chrysene
 Concen: 38.36 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:228 Resp: 1147096
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 20.8 15.9 23.9

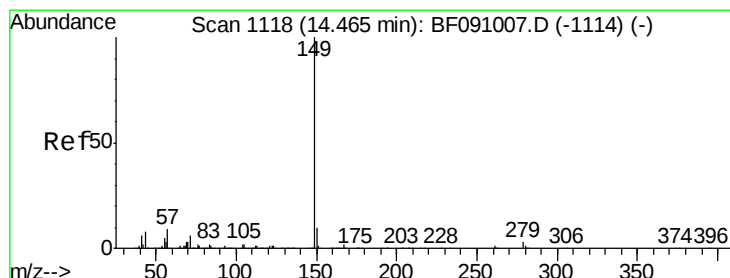
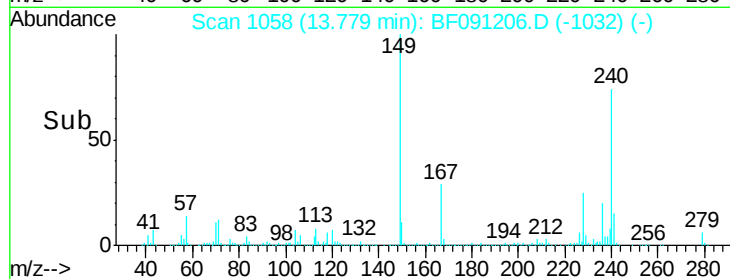
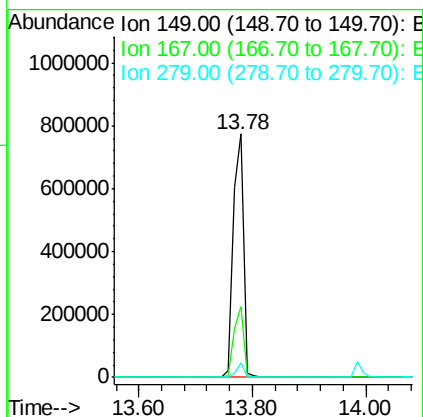
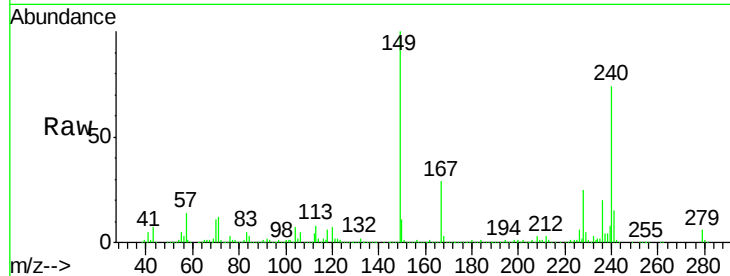




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.31 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

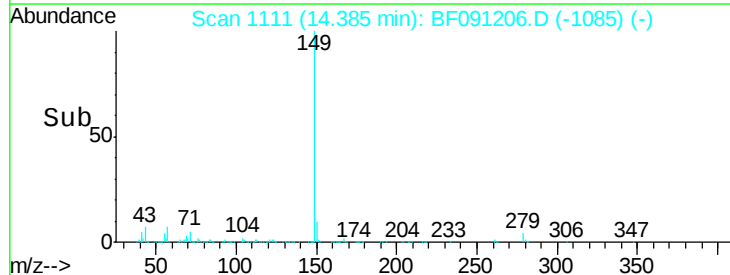
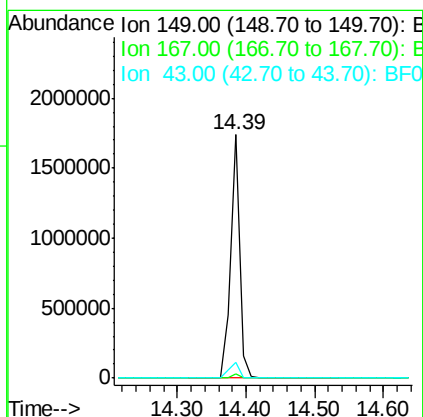
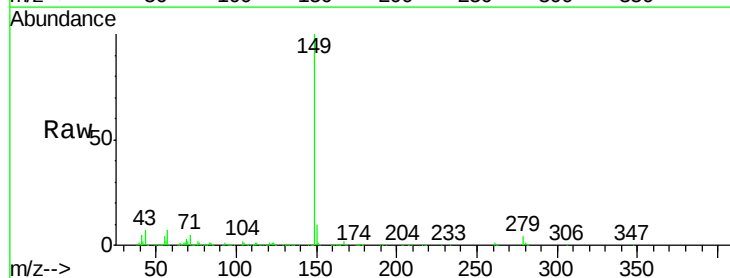
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

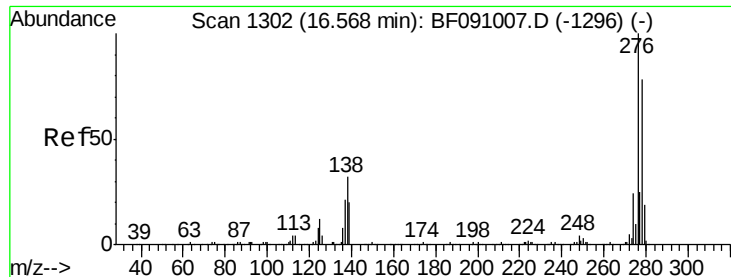
Tgt Ion:149 Resp: 980757
 Ion Ratio Lower Upper
 149 100
 167 29.2 20.4 30.6
 279 5.7 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 44.04 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:149 Resp: 1639739
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 7.6 8.2 12.4#

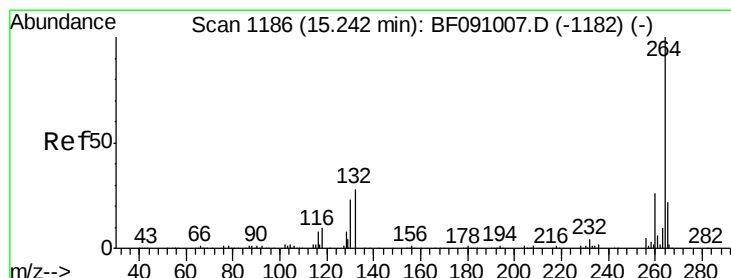
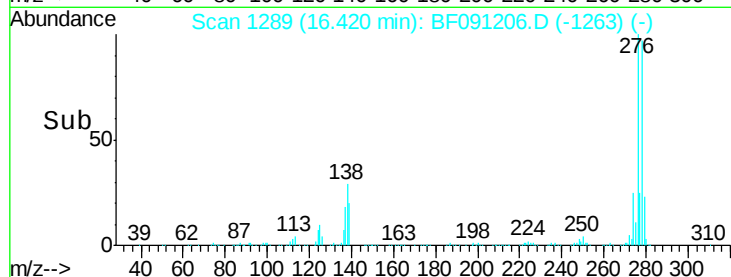
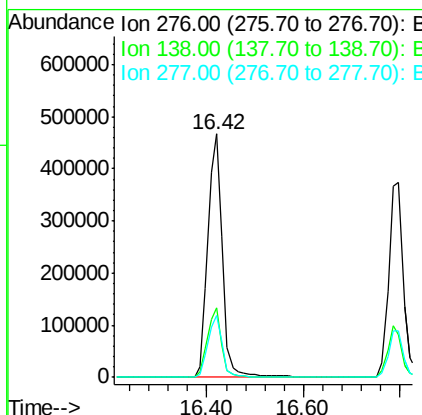
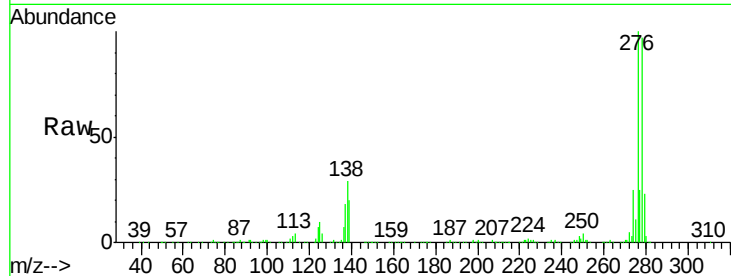




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.37 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

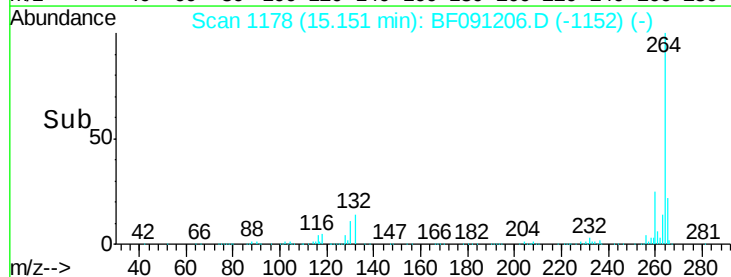
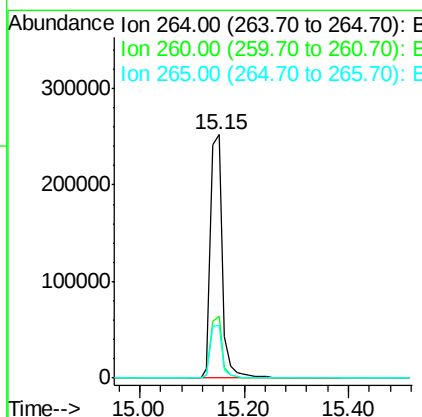
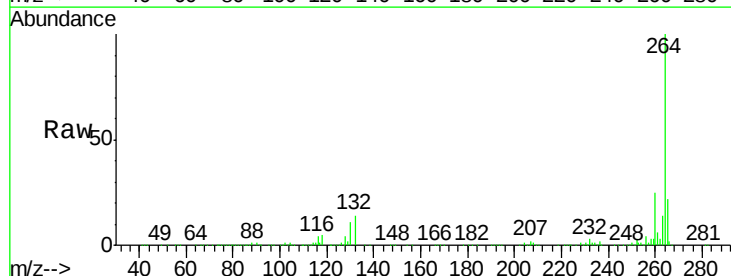
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

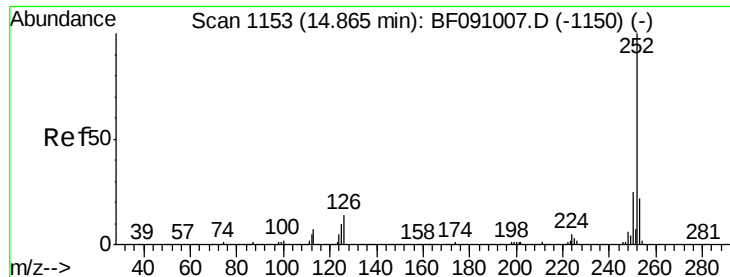
Tgt Ion:276 Resp: 1001633
 Ion Ratio Lower Upper
 276 100
 138 28.1 26.0 39.0
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Tgt Ion:264 Resp: 400205
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 21.5 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 42.32 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

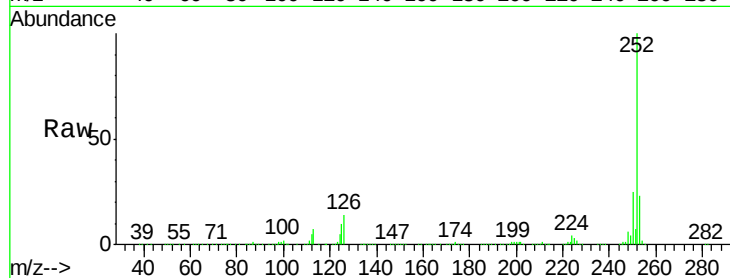
Tgt Ion:252 Resp: 1148772

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

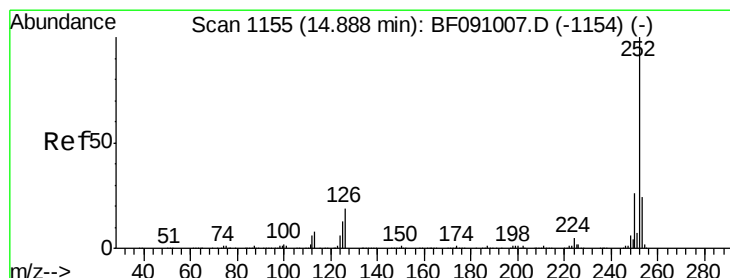
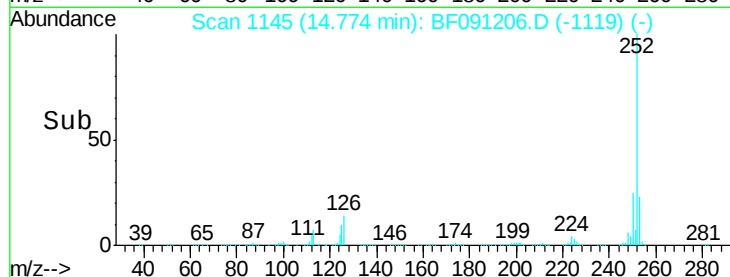
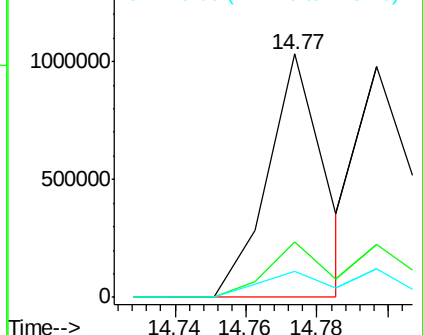
125 10.5 8.3 12.5



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: 43.81 ng m

RT: 14.80 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF091206.D

Acq: 16 Nov 2016 23:34

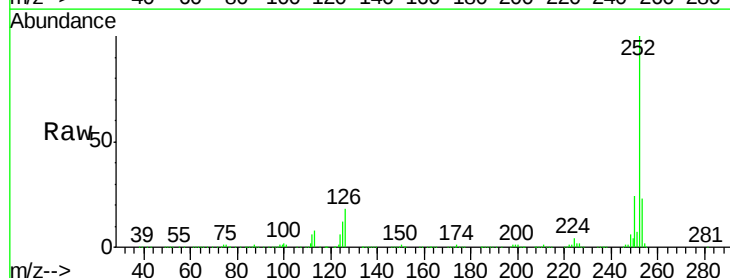
Tgt Ion:252 Resp: 1043162

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

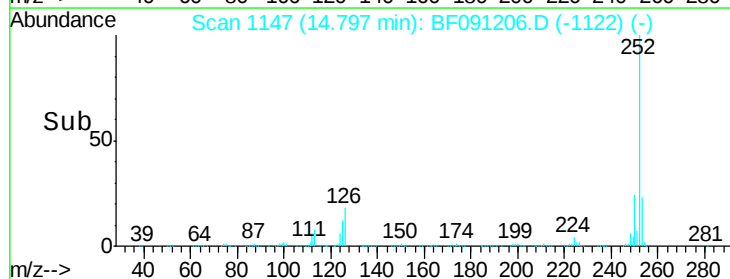
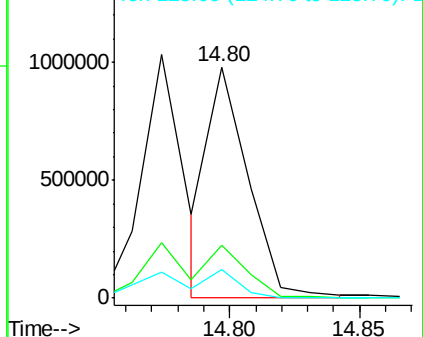
125 12.3 11.2 16.8

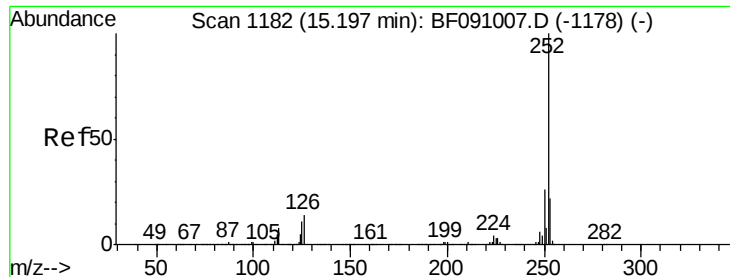


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

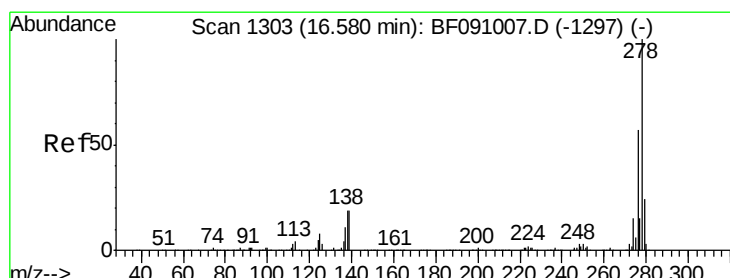
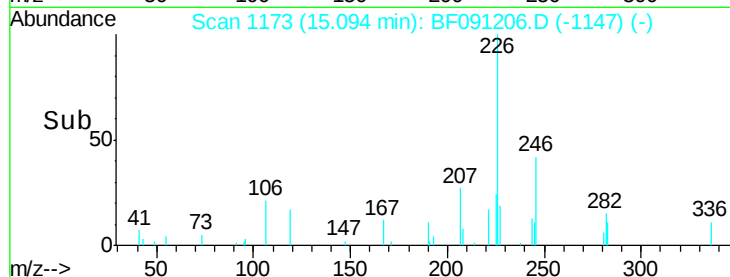
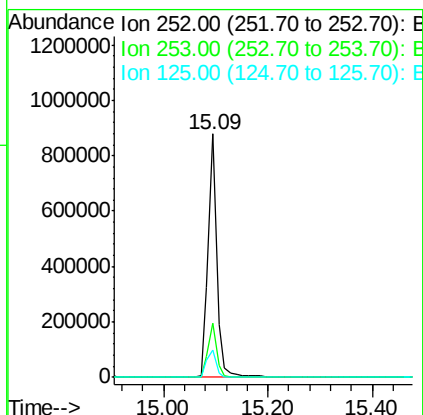
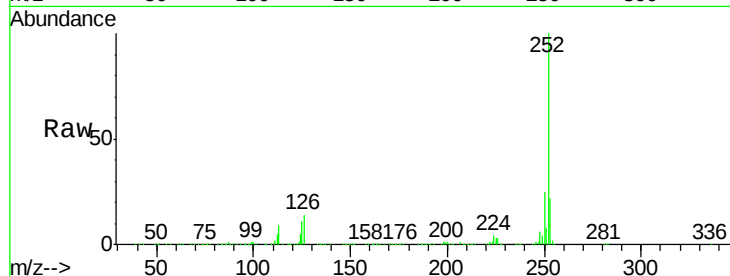




#89
Benzo(a)pyrene
Concen: 42.95 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

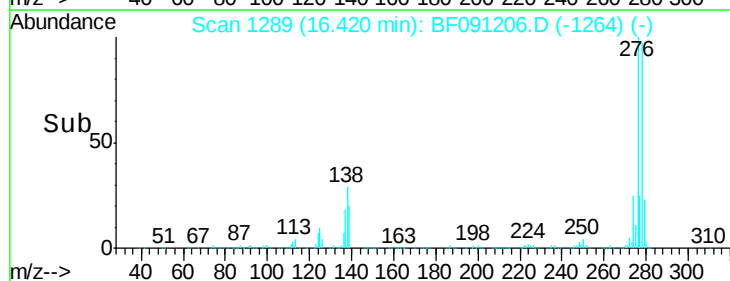
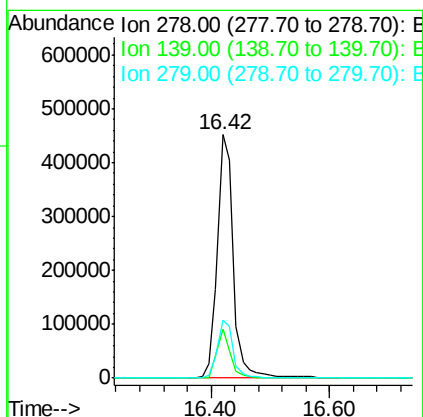
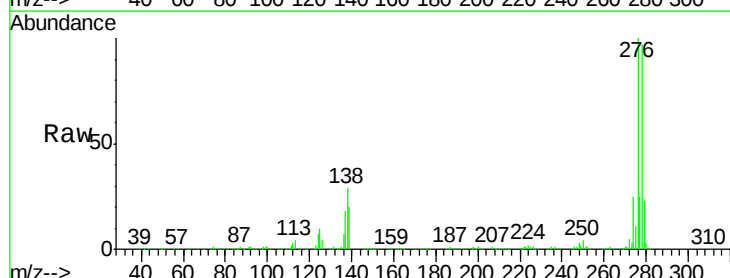
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

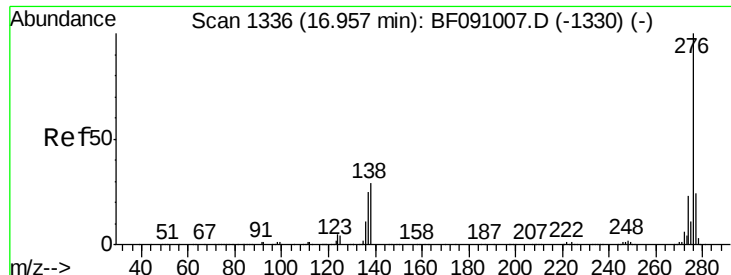
Tgt Ion:252 Resp: 1014910
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.0 8.6 13.0



#90
Dibenzo(a,h)anthracene
Concen: 41.55 ng
RT: 16.42 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF091206.D
Acq: 16 Nov 2016 23:34

Tgt Ion:278 Resp: 848753
Ion Ratio Lower Upper
278 100
139 20.2 15.3 22.9
279 23.8 19.3 28.9

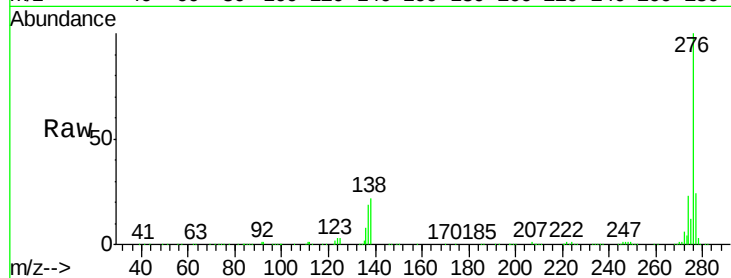




#91
 Benzo(g,h,i)perylene
 Concen: 43.37 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF091206.D
 Acq: 16 Nov 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.6	23.3	34.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

