

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083893.D
 Acq On : 18 Dec 2015 3:24
 Operator : UM/SJ
 Sample : G4680-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K212-(8-10)

Quant Time: Dec 18 05:47:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.04	152	179024	20.00	ng	0.16
21) Naphthalene-d8	8.40	136	21655	20.00	ng	0.24
38) Acenaphthene-d10	10.18	164	3040	20.00	ng	0.26
63) Phenanthrene-d10	11.60	188	3871	20.00	ng	0.21
75) Chrysene-d12	14.28	240	15427	20.00	ng	0.25
86) Perylene-d12	15.69	264	4934	20.00	ng	0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	402827	35.21	ng	0.01
7) Phenol-d6	6.52	99	510131	36.43	ng	0.01
23) Nitrobenzene-d5	7.45	82	308549	813.19	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	90758	2709.97	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	475948	-20.00	ng	0.00
78) Terphenyl-d14	13.01	244	316670	511.37	ng	0.03

Target Compounds

						Qvalue
3) Pyridine	3.25	79	232059	18.91	ng	# 36
9) Benzaldehyde	6.57	77	54826	6.50	ng	# 1
15) Benzyl Alcohol	7.21	79	25168	2.38	ng	# 1
18) Hexachloroethane	7.55	117	449280	81.91	ng	# 11
19) n-Nitroso-di-n-propylamine	7.45	70	73905	9.05	ng	# 81
22) Acetophenone	7.54	105	167260	320.82	ng	# 71
24) Nitrobenzene	7.65	77	42547	108.43	ng	# 43
25) Isophorone	7.96	82	3456	4.84	ng	# 1
26) 2-Nitrophenol	8.00	139	2283	11.24	ng	# 1
27) 2,4-Dimethylphenol	8.09	122	2234	6.38	ng	# 23
28) bis(2-Chloroethoxy)methane	8.11	93	9129	21.62	ng	# 1
29) 2,4-Dichlorophenol	8.26	162	10505	33.09	ng	# 47
30) 1,2,4-Trichlorobenzene	8.34	180	2797	8.20	ng	# 1
31) Naphthalene	8.43	128	11786	9.05	ng	# 1
32) Benzoic acid	8.13	122	1036	12.01	ng	# 1
33) 4-Chloroaniline	8.50	127	8885	18.07	ng	# 1
35) Caprolactam	8.83	113	6097	58.13	ng	# 1
36) 4-Chloro-3-methylphenol	8.99	107	5537	14.25	ng	# 1
37) 2-Methylnaphthalene	8.99	142	591830	786.33	ng	# 88
42) 2,4,6-Trichlorophenol	9.42	196	4405	69.60	ng	# 12
43) 2,4,5-Trichlorophenol	9.42	196	4405	70.34	ng	# 1
45) 1,1'-Biphenyl	9.65	154	261968	1064.82	ng	# 74
46) 2-Chloronaphthalene	9.61	162	9245	46.34	ng	# 1
47) 2-Nitroaniline	9.71	65	6681	111.13	ng	# 48
48) Acenaphthylene	10.03	152	45256	127.69	ng	# 1
49) Dimethylphthalate	9.93	163	31830	124.78	ng	# 1
50) 2,6-Dinitrotoluene	9.96	165	26914	483.68	ng	# 78
51) Acenaphthene	10.25	154	45072	206.84	ng	# 1
52) 3-Nitroaniline	10.13	138	3096	52.79	ng	# 80
53) 2,4-Dinitrophenol	10.22	184	9169	410.17	ng	# 21
54) Dibenzofuran	10.41	168	11953	42.24	ng	# 23
55) 4-Nitrophenol	10.34	139	26888	734.28	ng	# 36
56) 2,4-Dinitrotoluene	10.38	165	165679	2322.77	ng	# 27
57) Fluorene	10.80	166	9484	43.99	ng	# 1

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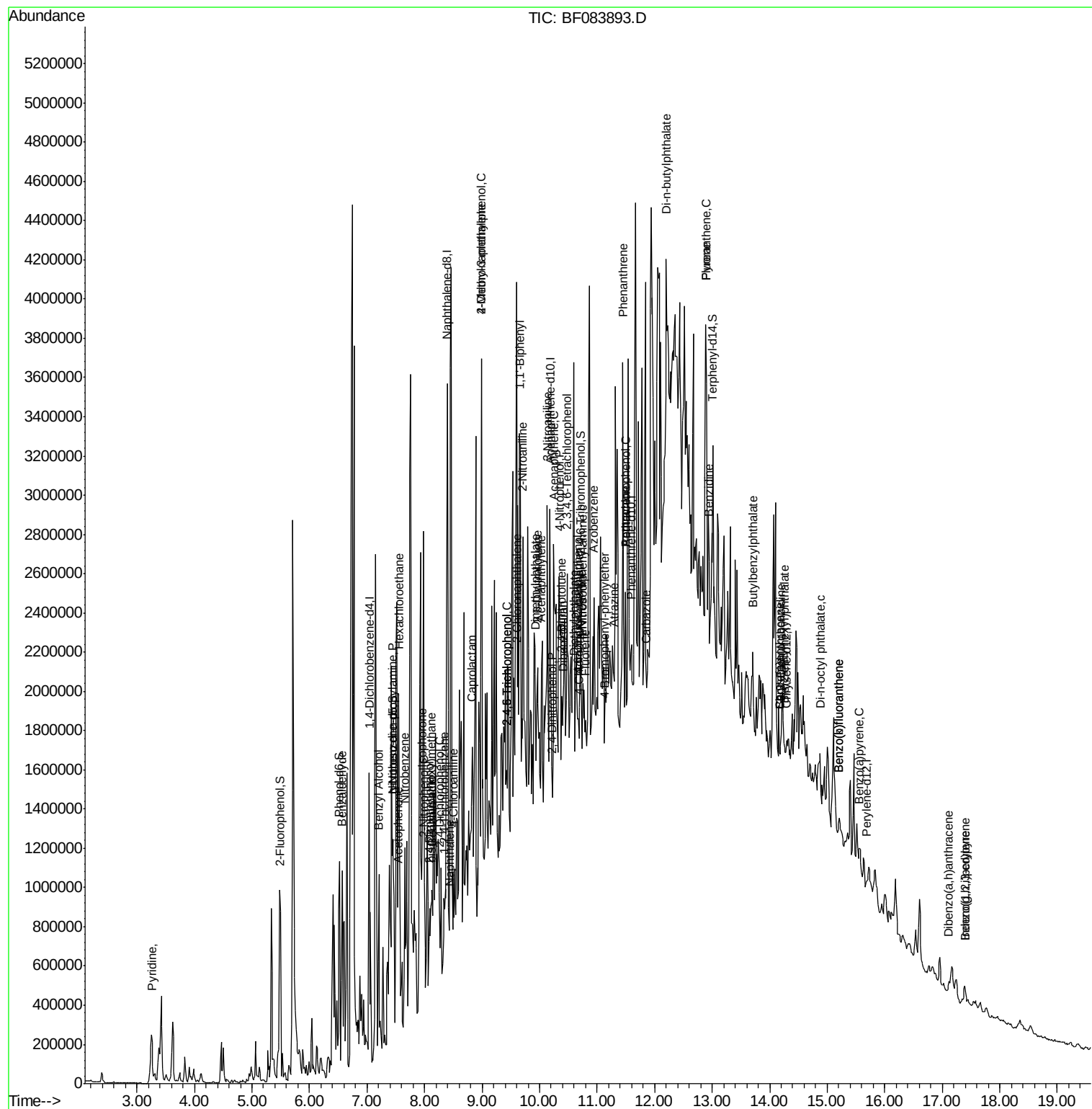
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2,3,4,6-Tetrachlorophenol	10.48	232	1563	33.73	ng	# 1
59) Diethylphthalate	10.60	149	4630	17.56	ng	# 21
60) 4-Chlorophenyl-phenylether	10.68	204	2621	24.16	ng	# 1
61) 4-Nitroaniline	10.73	138	2195	36.17	ng	# 42
62) Azobenzene	10.94	77	52547	237.71	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.67	198	1254	52.33	ng	# 1
65) n-Nitrosodiphenylamine	10.75	169	122477	869.51	ng	# 42
66) 4-Bromophenyl-phenylether	11.13	248	252	5.32	ng	# 1
68) Atrazine	11.29	200	2527	56.63	ng	# 1
69) Pentachlorophenol	11.49	266	210	14.06	ng	# 1
70) Phenanthrene	11.45	178	877912	3753.73	ng	97
71) Anthracene	11.49	178	309824	1370.42	ng	97
72) Carbazole	11.86	167	7862	35.20	ng	# 1
73) Di-n-butylphthalate	12.20	149	19308	73.57	ng	# 1
74) Fluoranthene	12.89	202	1071364	4590.46	ng	96
76) Benzidine	12.95	184	2241	3.63	ng	# 1
77) Pyrene	12.89	202	1066279	397.80	ng	98
79) Butylbenzylphthalate	13.71	149	4505	8.77	ng	# 1
80) Benzo(a)anthracene	14.18	228	22435	23.65	ng	# 1
81) 3,3'-Dichlorobenzidine	14.19	252	4976	14.04	ng	# 1
82) Chrysene	14.18	228	22435	24.49	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.26	149	3344	4.88	ng	# 1
84) Di-n-octyl phthalate	14.88	149	3420	3.19	ng	# 40
85) Indeno(1,2,3-cd)pyrene	17.39	276	84903	123.92	ng	96
87) Benzo(b)fluoranthene	15.21	252	47150	131.07	ng	# 68
88) Benzo(k)fluoranthene	15.21	252	47150	158.89	ng	# 71
89) Benzo(a)pyrene	15.55	252	57108	192.25	ng	# 70
90) Dibenzo(a,h)anthracene	17.12	278	36835	159.40	ng	# 82
91) Benzo(g,h,i)perylene	17.39	276	86300	381.05	ng	96

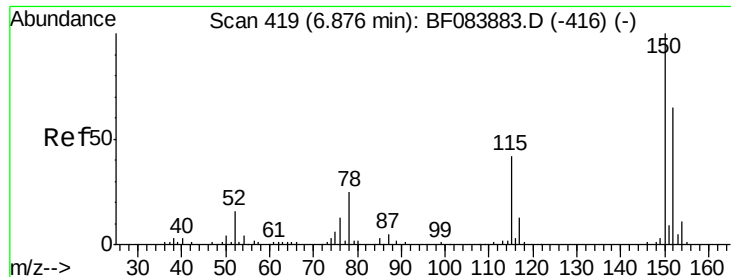
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.16 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

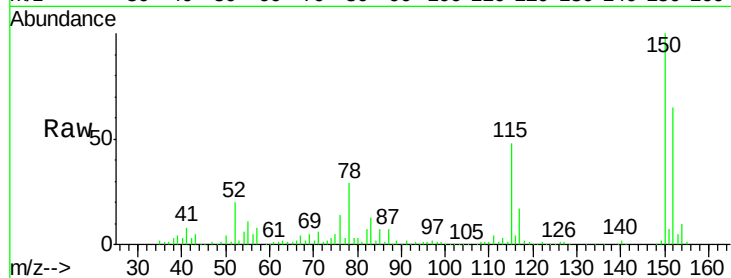
Tgt Ion:152 Resp: 179024

Ion Ratio Lower Upper

152 100

150 154.0 123.0 184.4

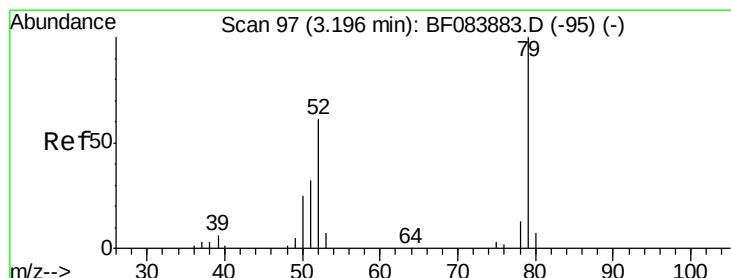
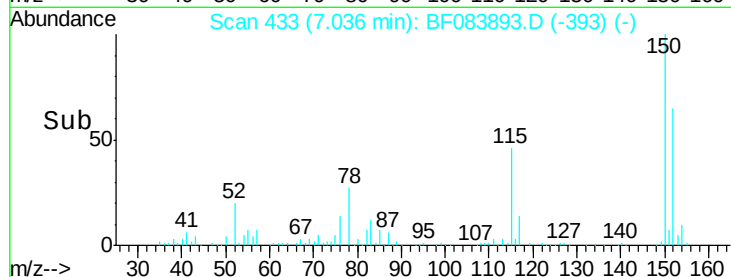
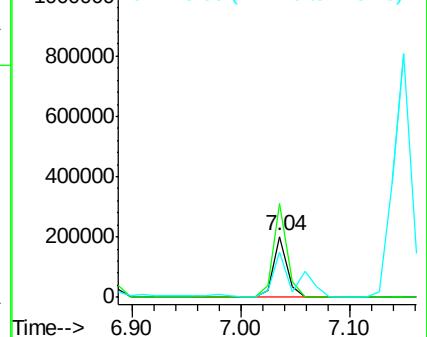
115 73.5 51.4 77.2



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



#3

Pyridine

Concen: 18.91 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

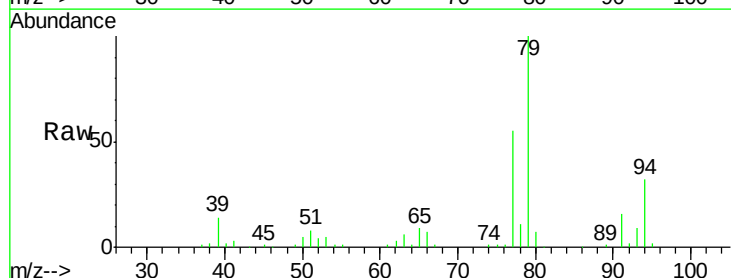
Tgt Ion: 79 Resp: 232059

Ion Ratio Lower Upper

79 100

52 3.9 49.0 73.4#

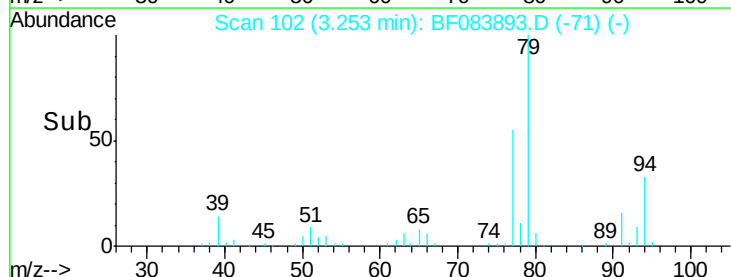
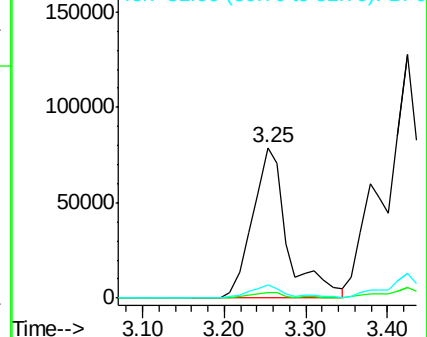
51 8.4 25.2 37.8#

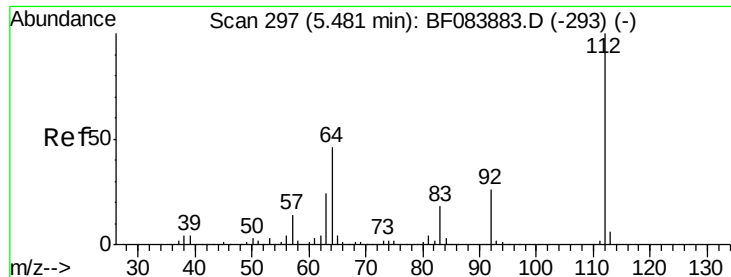


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 35.21 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

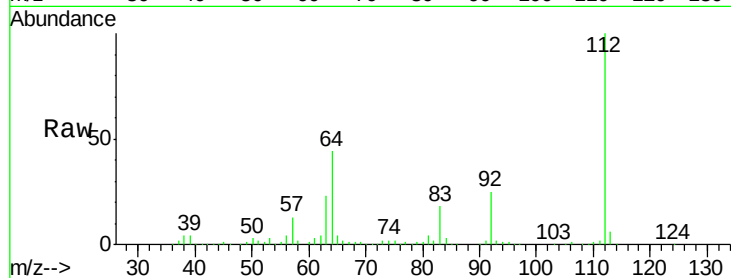
Tgt Ion: 112 Resp: 402827

Ion Ratio Lower Upper

112 100

64 43.9 36.6 55.0

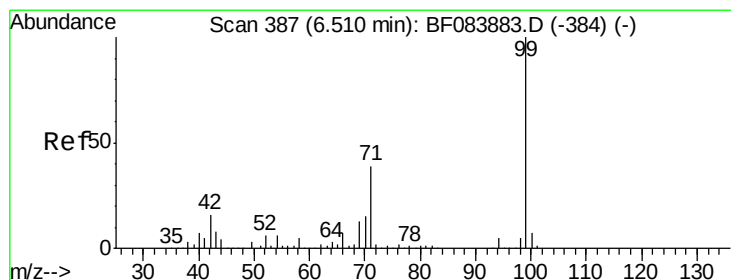
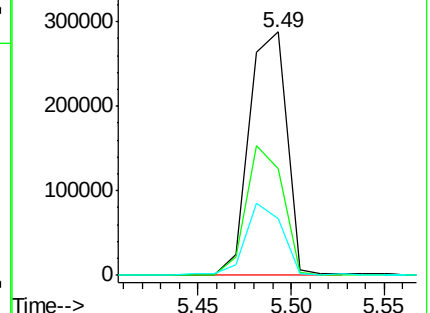
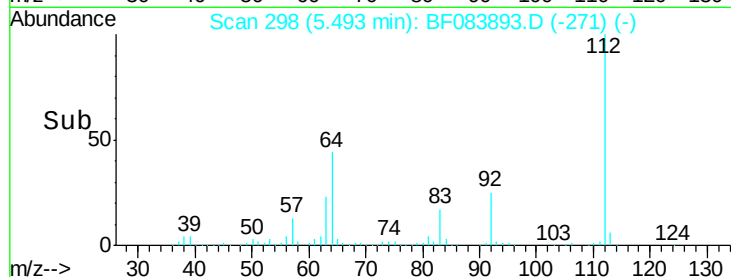
63 23.4 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 36.43 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

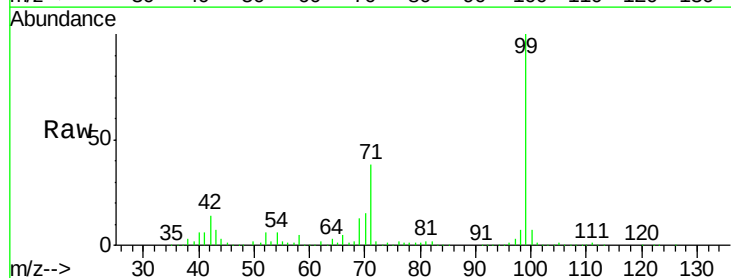
Tgt Ion: 99 Resp: 510131

Ion Ratio Lower Upper

99 100

42 14.3 12.8 19.2

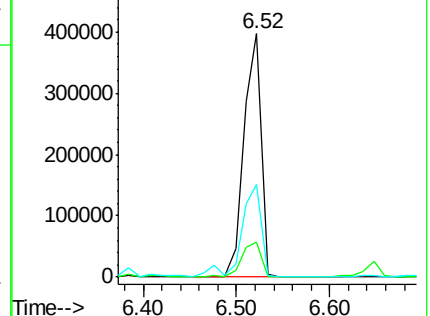
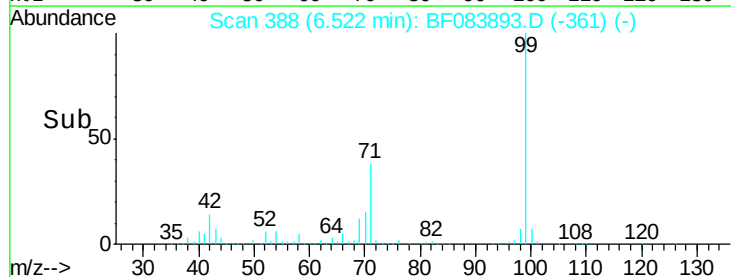
71 38.2 30.9 46.3

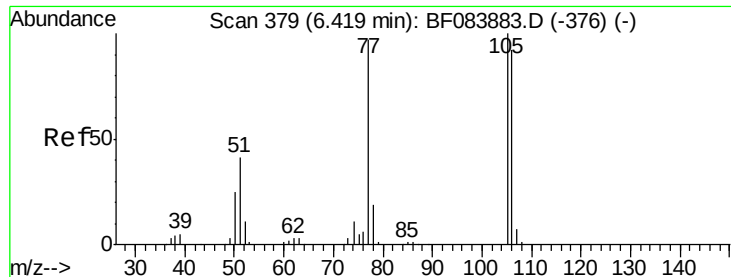


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 6.50 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.15 min

Lab File: BF083893.D

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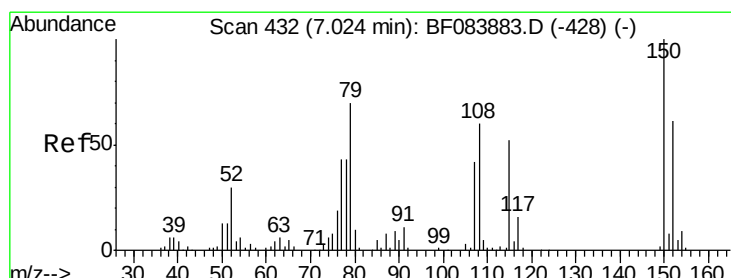
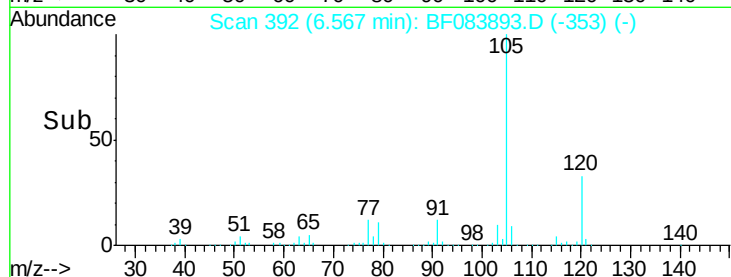
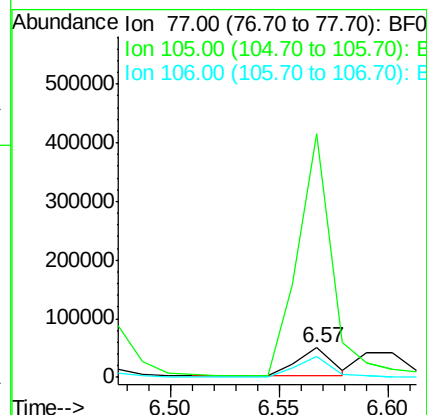
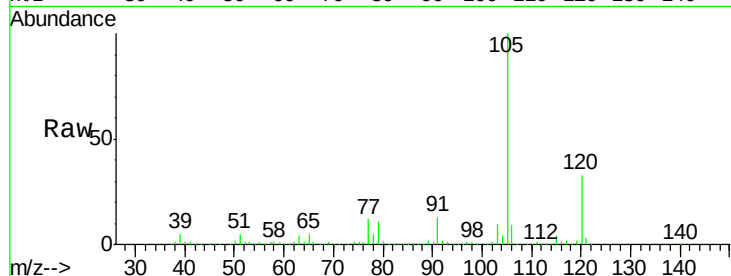
Tgt Ion: 77 Resp: 54826

Ion Ratio Lower Upper

77 100

105 816.5 83.0 123.0#

106 71.1 74.6 114.6#



#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.18 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

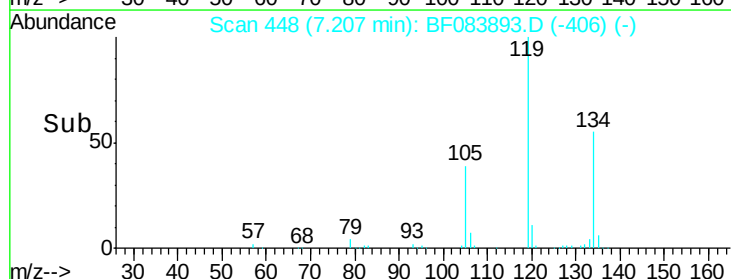
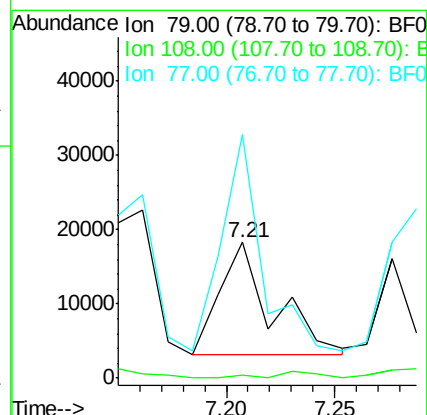
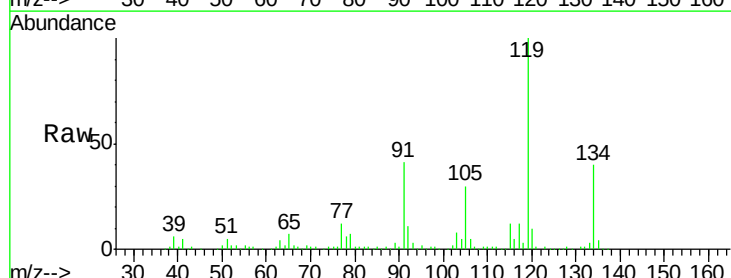
Tgt Ion: 79 Resp: 25168

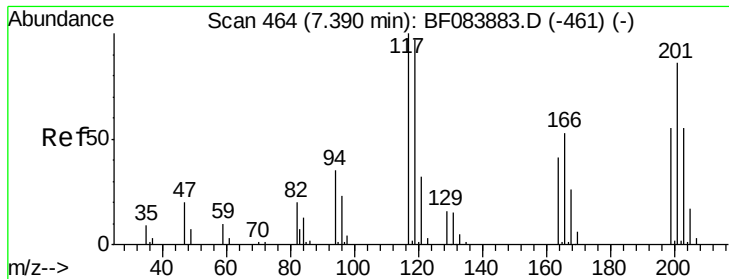
Ion Ratio Lower Upper

79 100

108 1.8 69.0 103.4#

77 179.4 50.0 75.0#

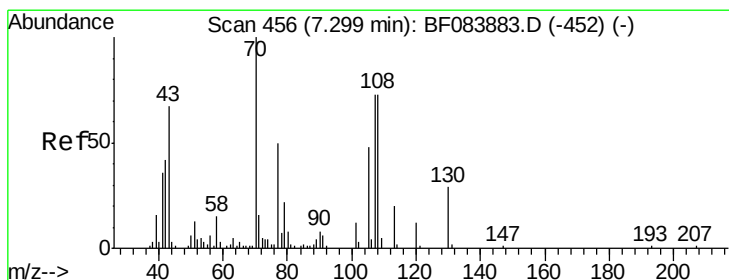
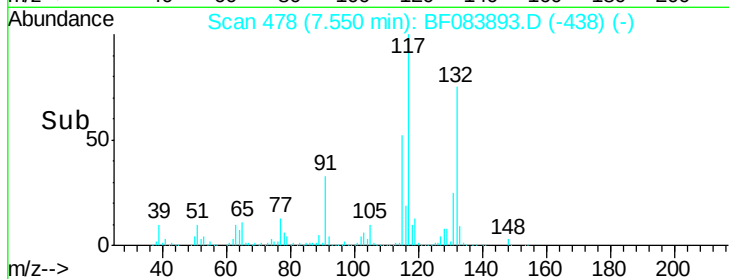
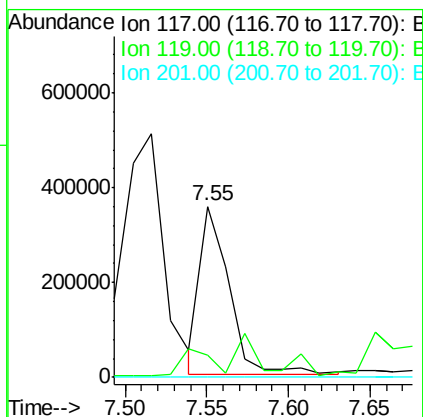
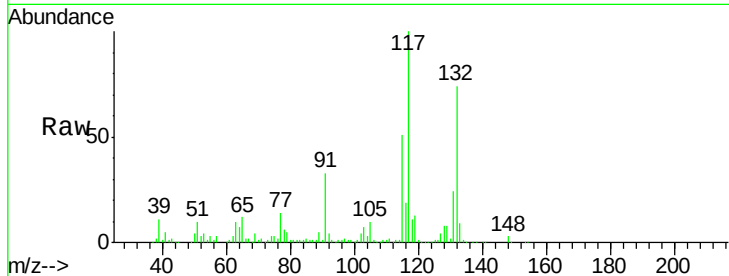




#18
Hexachloroethane
Concen: 81.91 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.16 min
Lab File: BF083893.D
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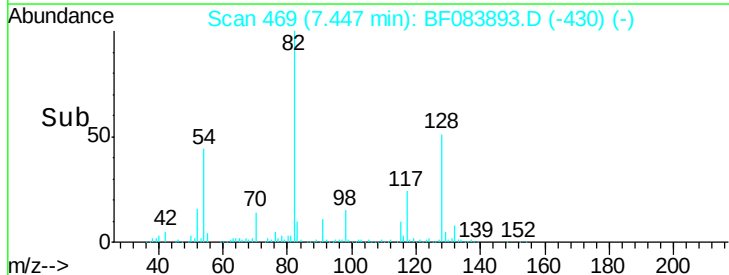
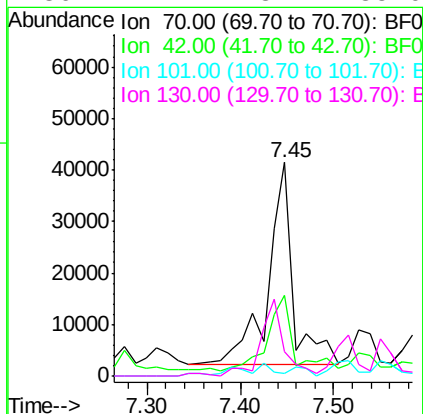
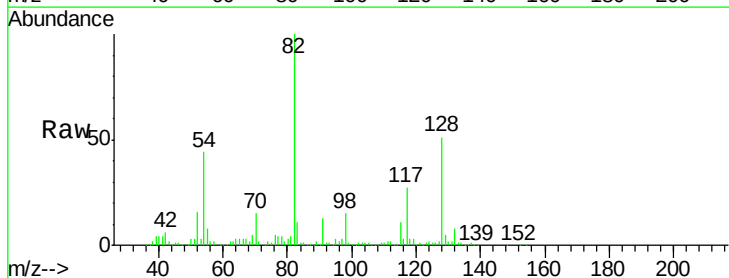
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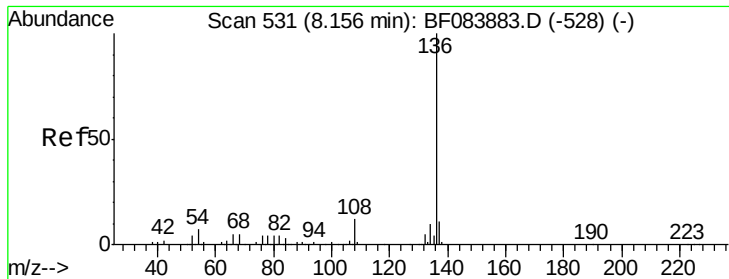
Tgt Ion: 117 Resp: 449280
Ion Ratio Lower Upper
117 100
119 13.0 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 9.05 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.15 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Tgt Ion: 70 Resp: 73905
Ion Ratio Lower Upper
70 100
42 37.7 33.3 49.9
101 1.2 9.3 13.9#
130 11.1 23.4 35.0#

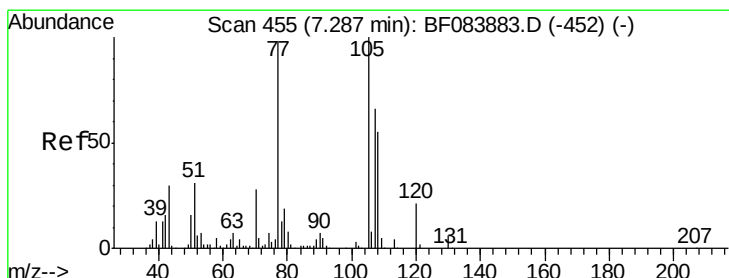
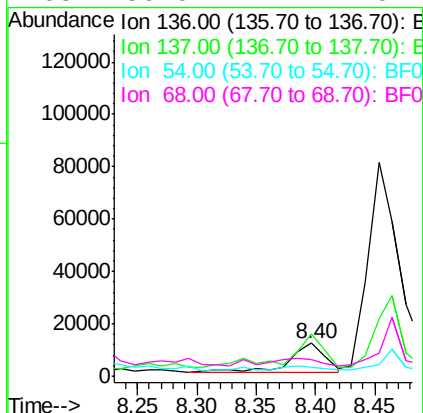
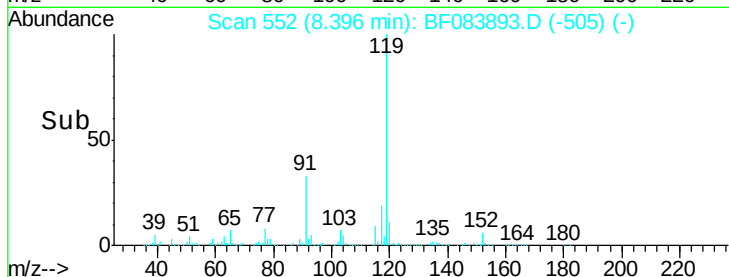
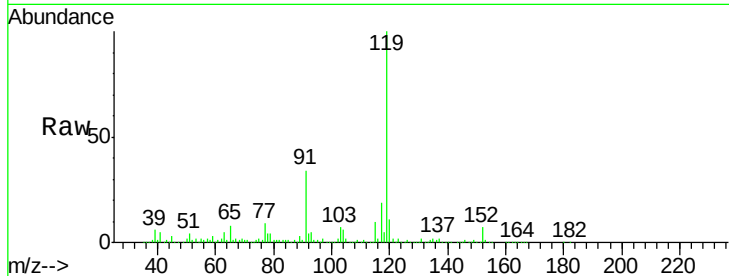




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.24 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

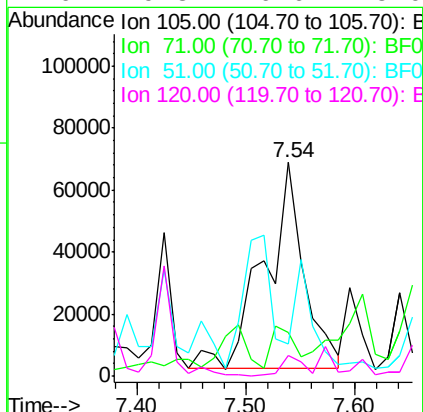
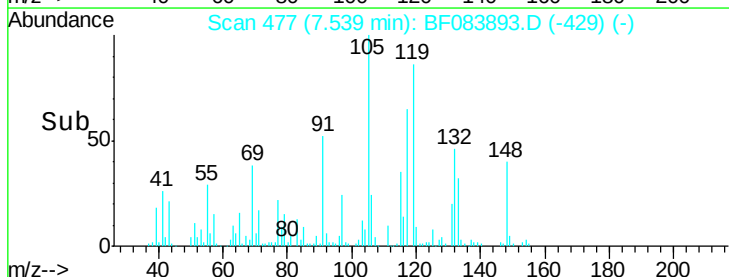
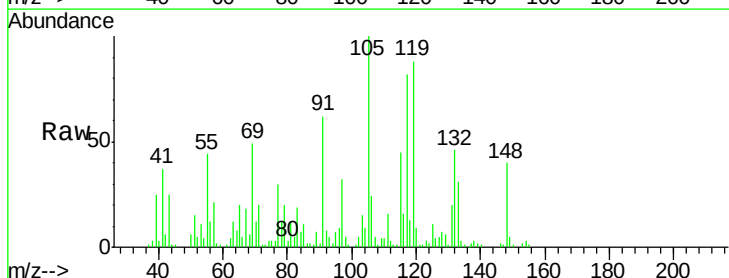
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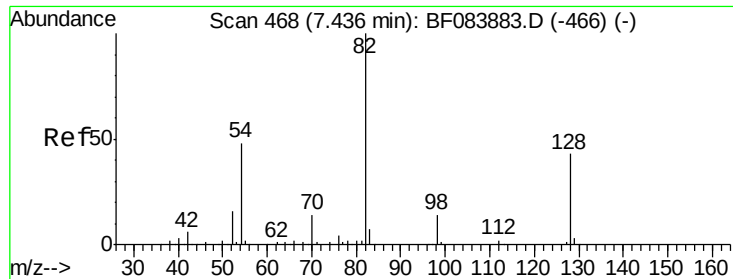
Tgt Ion:	136	Resp:	21655
Ion Ratio	Lower	Upper	
136	100		
137	128.7	8.7	13.1#
54	25.8	5.8	8.8#
68	50.0	4.2	6.2#



#22
Acetophenone
Concen: 320.82 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.25 min
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Tgt Ion:	105	Resp:	167260
Ion Ratio	Lower	Upper	
105	100		
71	20.5	3.7	5.5#
51	15.1	25.1	37.7#
120	9.3	16.6	25.0#

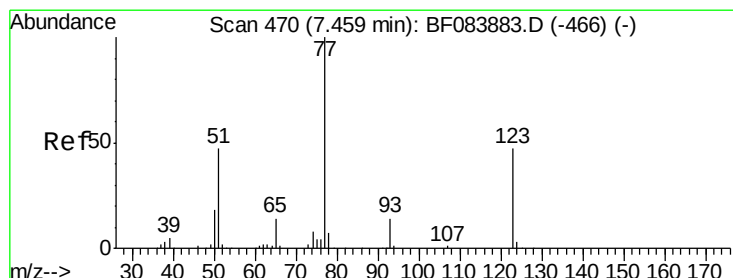
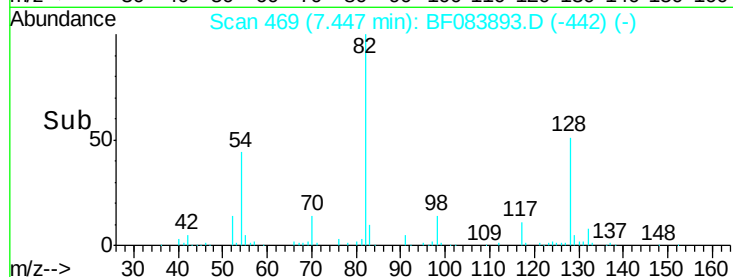
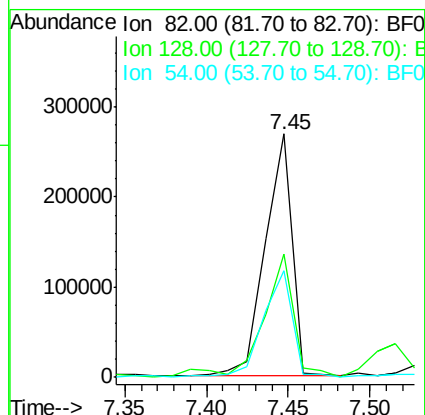
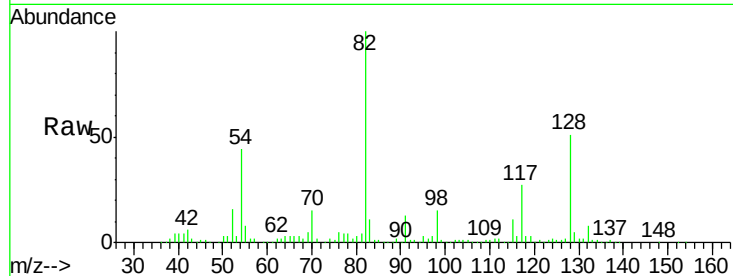




#23
 Nitrobenzene-d5
 Concen: 813.19 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

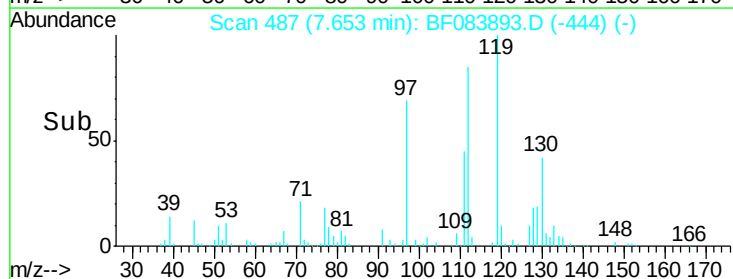
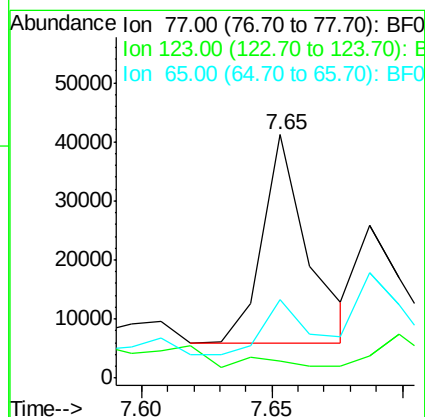
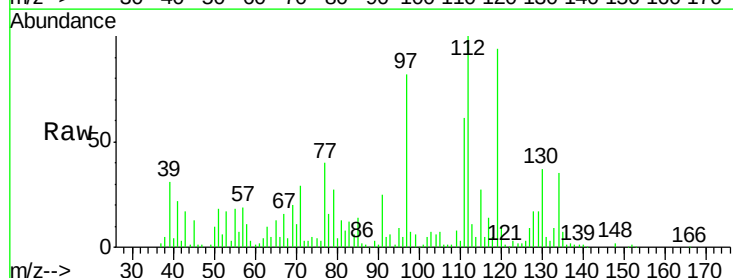
Instrument :
 BNA_F
 ClientSampleId :
 K212-(8-10)

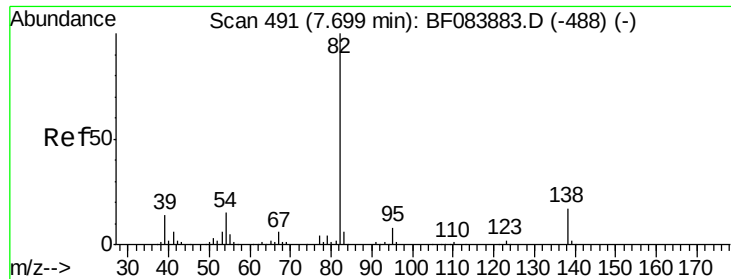
Tgt Ion: 82 Resp: 308549
 Ion Ratio Lower Upper
 82 100
 128 50.7 34.6 51.8
 54 44.0 38.4 57.6



#24
 Nitrobenzene
 Concen: 108.43 ng
 RT: 7.65 min Scan# 487
 Delta R.T. 0.19 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

Tgt Ion: 77 Resp: 42547
 Ion Ratio Lower Upper
 77 100
 123 6.9 37.4 56.2#
 65 32.3 10.9 16.3#





#25

Isophorone

Concen: 4.84 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.26 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

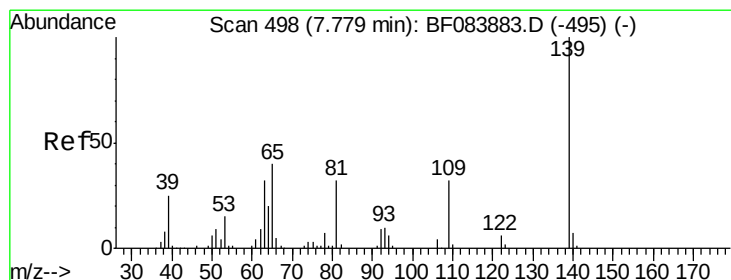
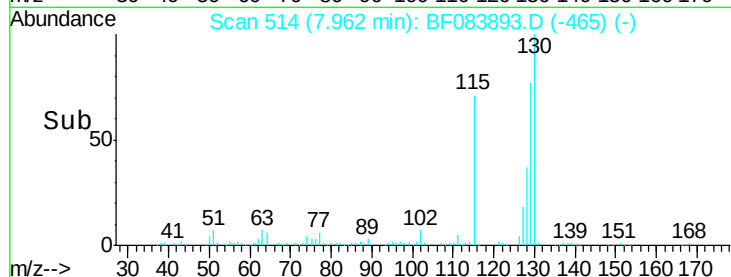
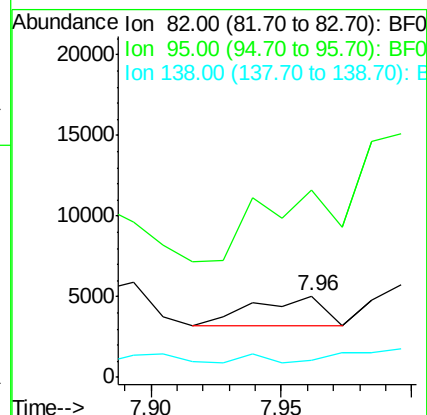
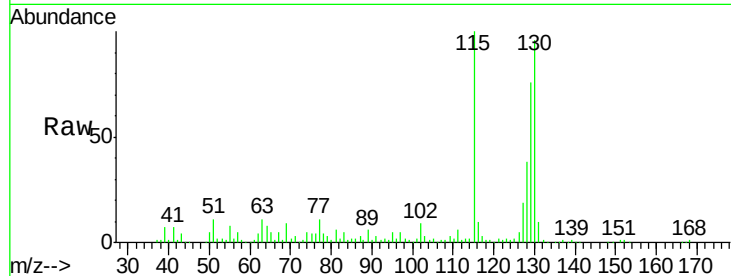
Tgt Ion: 82 Resp: 3456

Ion Ratio Lower Upper

82 100

95 229.1 6.6 10.0#

138 21.7 13.6 20.4#



#26

2-Nitrophenol

Concen: 11.24 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.22 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

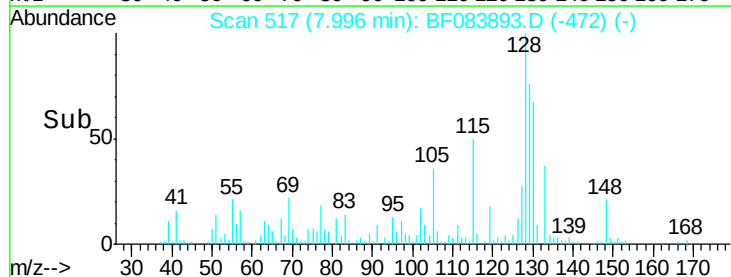
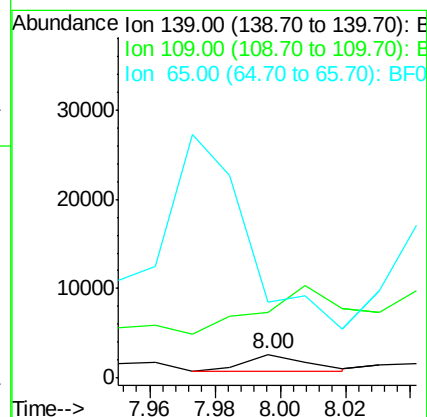
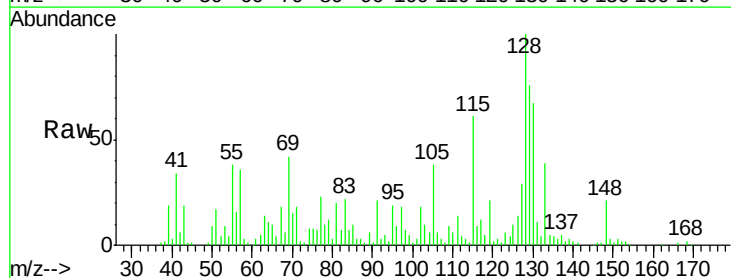
Tgt Ion: 139 Resp: 2283

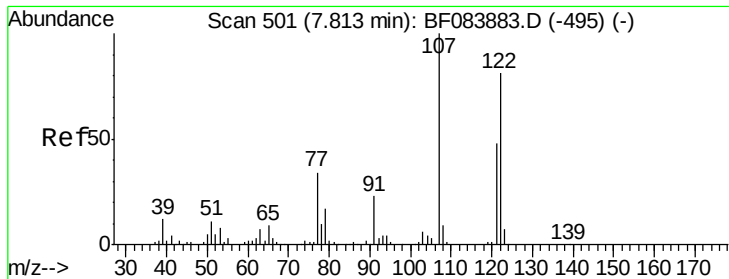
Ion Ratio Lower Upper

139 100

109 277.4 25.4 38.2#

65 319.2 32.3 48.5#

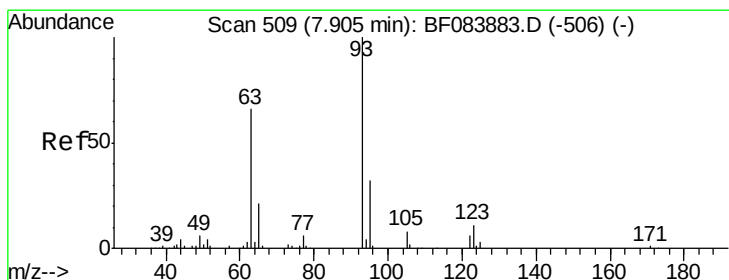
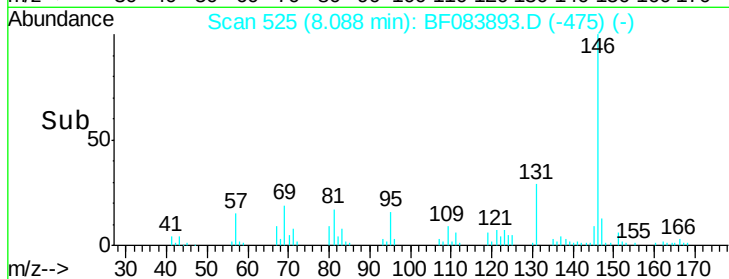
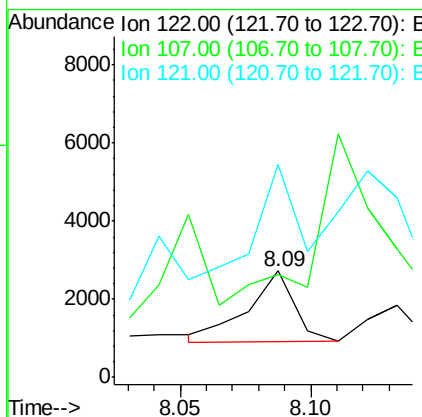
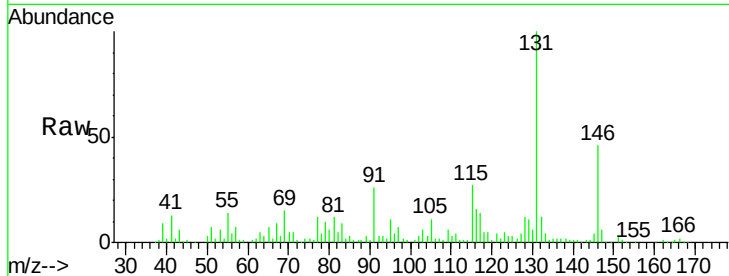




#27
 2,4-Dimethylphenol
 Concen: 6.38 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.27 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

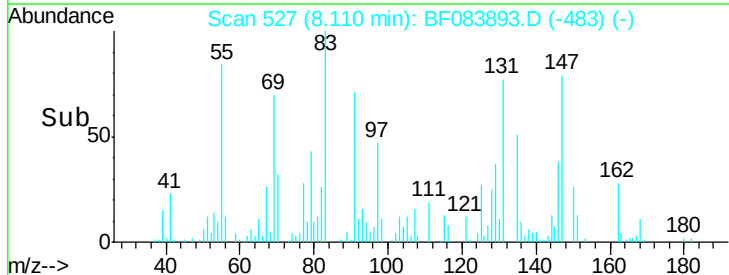
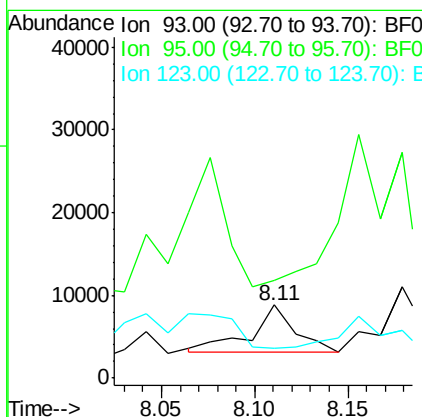
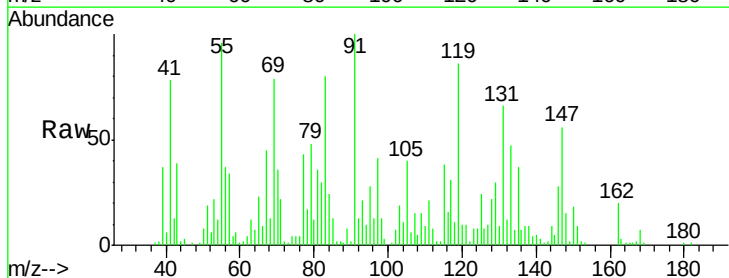
Instrument :
 BNA_F
 ClientSampleId :
 K212-(8-10)

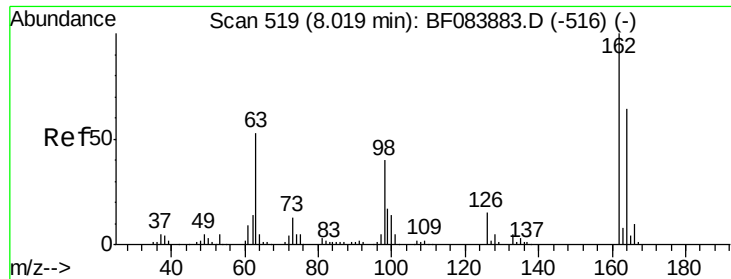
Tgt Ion: 122 Resp: 2234
 Ion Ratio Lower Upper
 122 100
 107 96.8 99.1 148.7#
 121 200.1 47.9 71.9#



#28
 bis(2-Chloroethoxy)methane
 Concen: 21.62 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.21 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

Tgt Ion: 93 Resp: 9129
 Ion Ratio Lower Upper
 93 100
 95 134.0 25.8 38.6#
 123 40.6 8.6 12.8#





#29

2,4-Dichlorophenol

Concen: 33.09 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.24 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

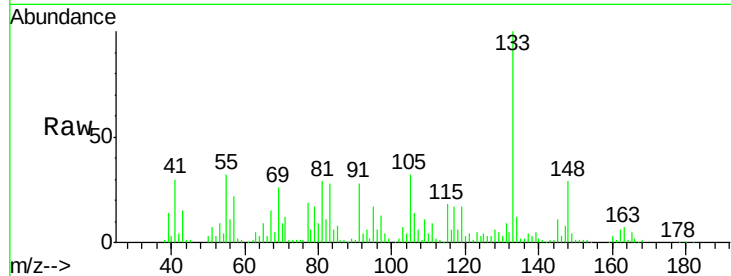
Tgt Ion:162 Resp: 10505

Ion Ratio Lower Upper

162 100

164 15.3 44.1 84.1#

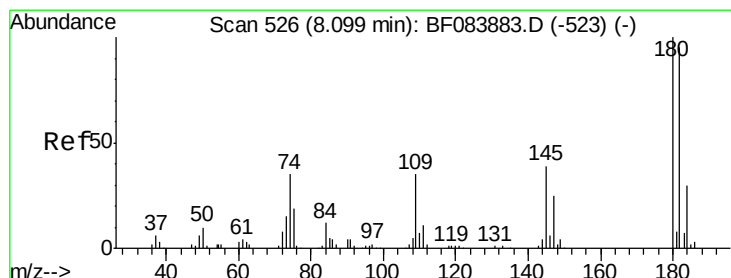
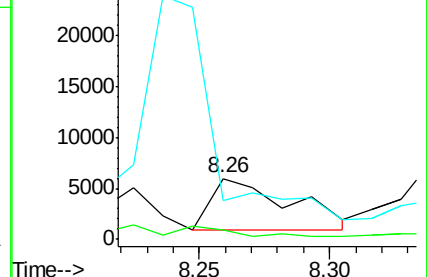
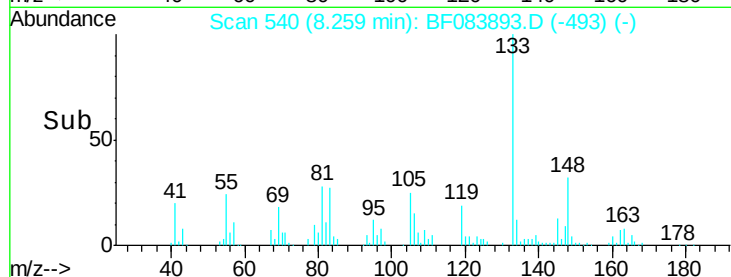
98 64.4 20.2 60.2#



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: 8.20 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.24 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

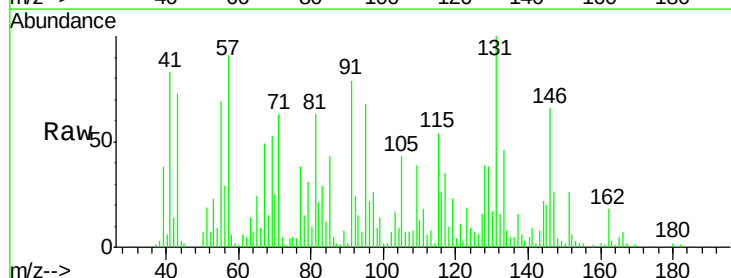
Tgt Ion:180 Resp: 2797

Ion Ratio Lower Upper

180 100

182 52.9 76.4 114.6#

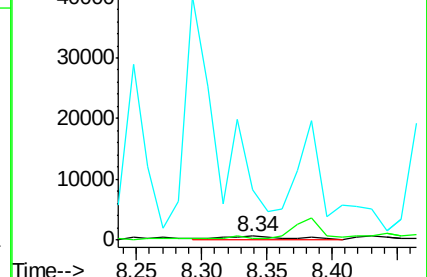
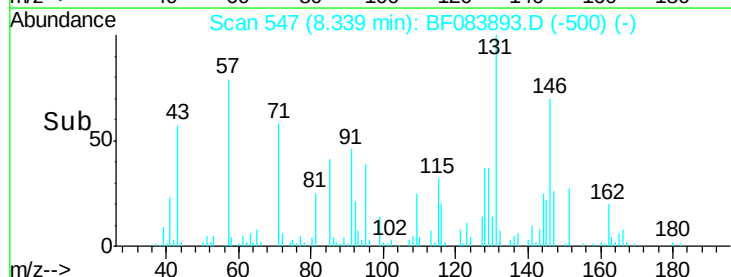
145 1292.3 31.6 47.4#

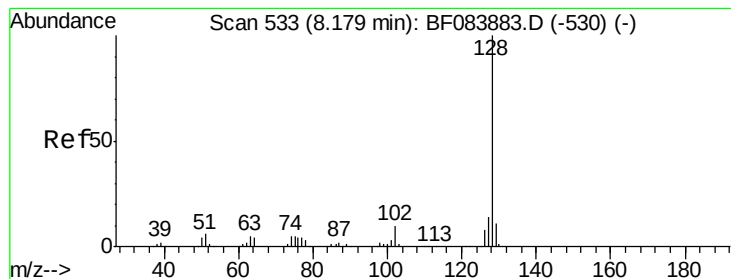


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 9.05 ng

RT: 8.43 min Scan# 555

Delta R.T. 0.25 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

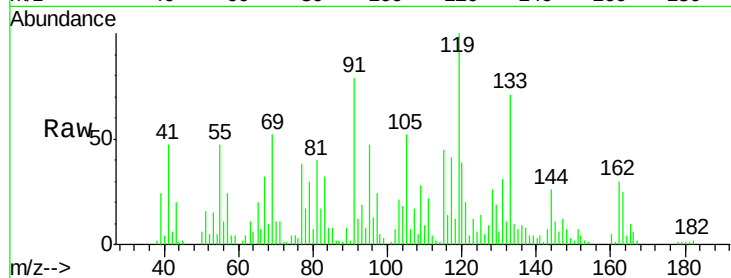
Tgt Ion:128 Resp: 11786

Ion Ratio Lower Upper

128 100

129 72.0 9.1 13.7#

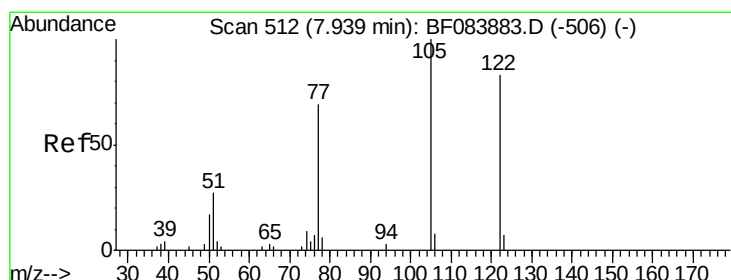
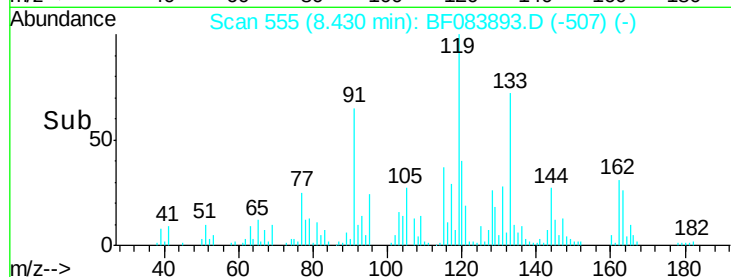
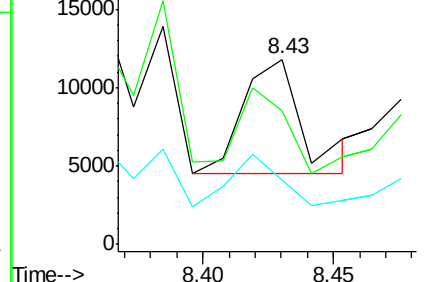
127 35.0 11.1 16.7#



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: 12.01 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.20 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

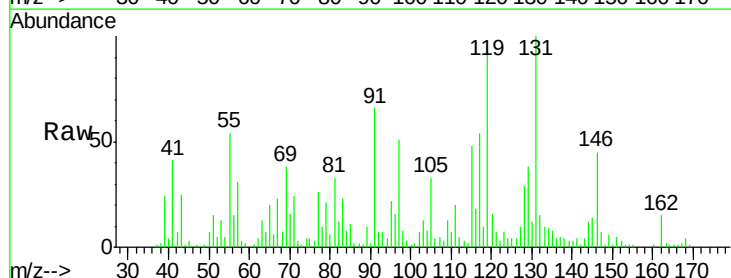
Tgt Ion:122 Resp: 1036

Ion Ratio Lower Upper

122 100

105 1134.1 100.3 140.3#

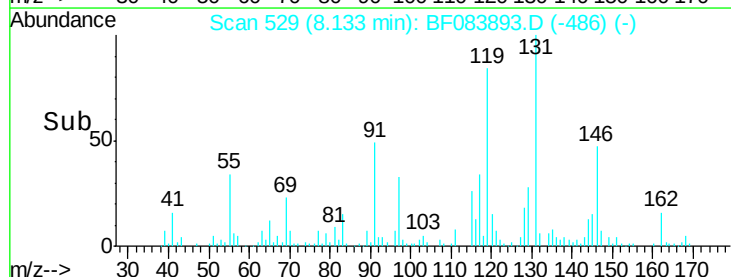
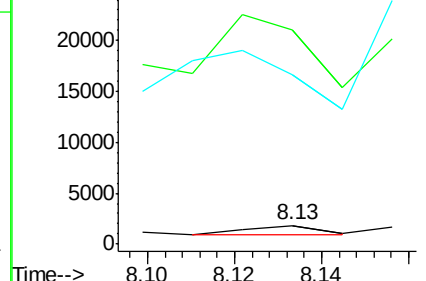
77 898.6 63.5 103.5#

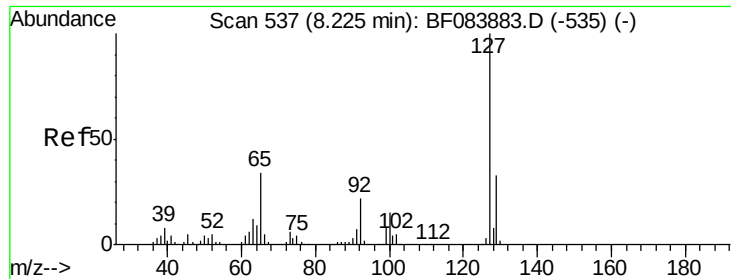


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

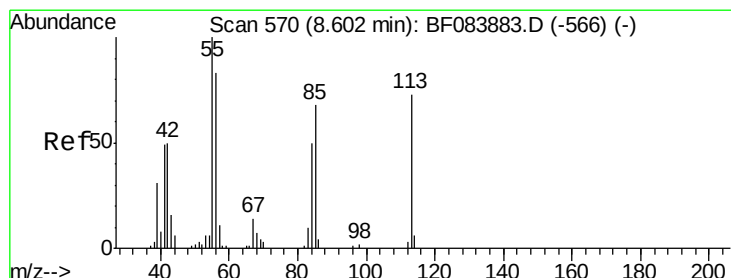
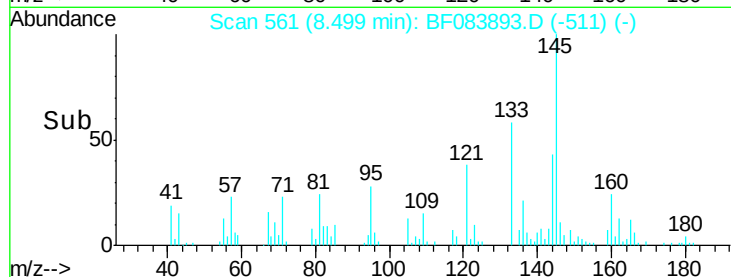
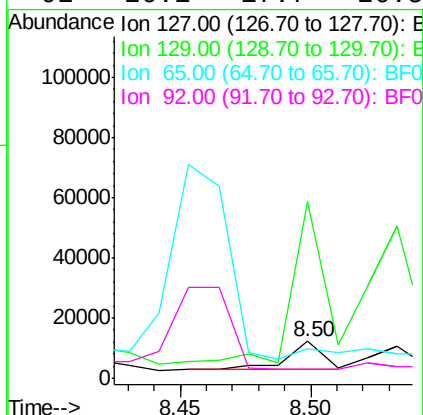
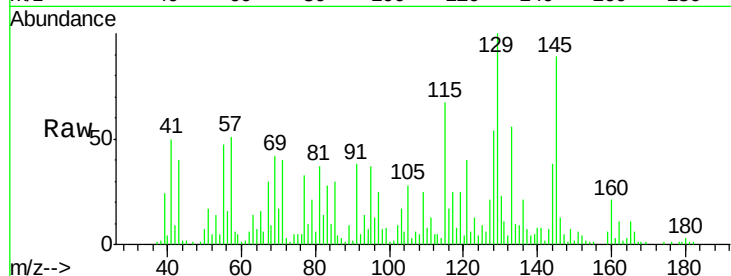




#33
4-Chloroaniline
Concen: 18.07 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.27 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

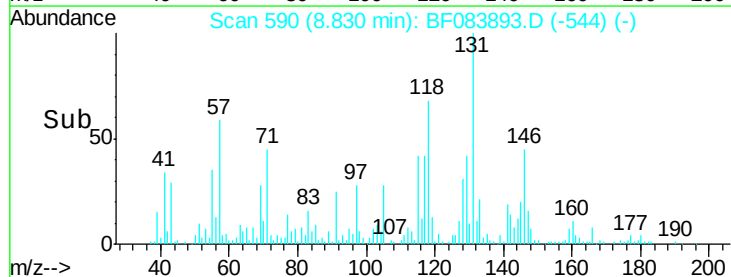
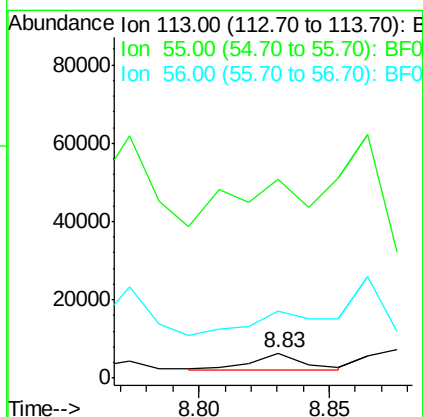
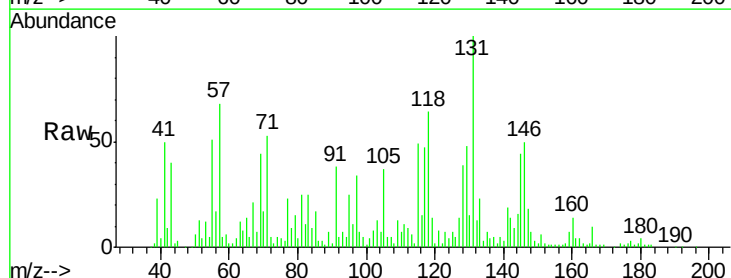
Instrument :
BNA_F
ClientSampleId :
K212-(8-10)

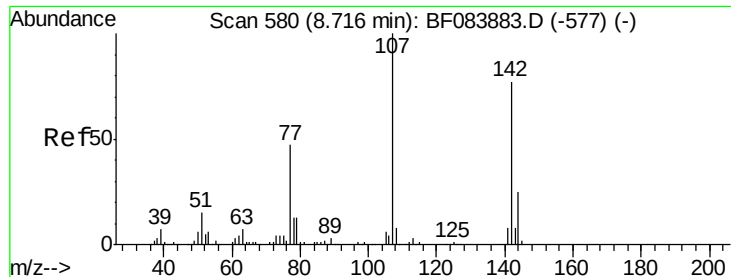
Tgt Ion:	127	Resp:	8885
Ion	Ratio	Lower	Upper
127	100		
129	482.7	26.5	39.7#
65	78.8	27.2	40.8#
92	26.1	17.7	26.5



#35
Caprolactam
Concen: 58.13 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.23 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Tgt Ion:	113	Resp:	6097
Ion	Ratio	Lower	Upper
113	100		
55	788.2	116.9	156.9#
56	263.8	93.8	133.8#

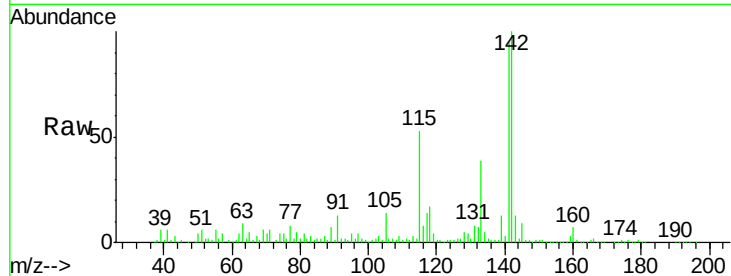




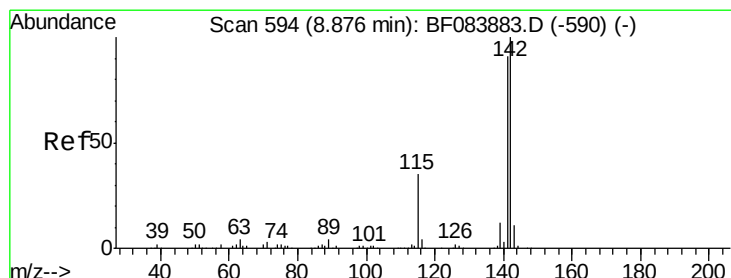
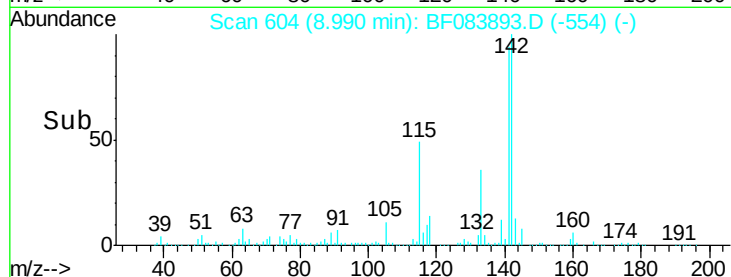
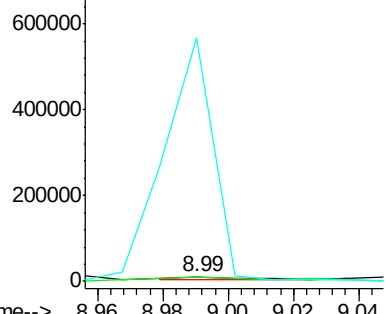
#36
 4-Chloro-3-methylphenol
 Concen: 14.25 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.27 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

Instrument :
 BNA_F
 ClientSampleId :
 K212-(8-10)

Tgt Ion:107 Resp: 5537
 Ion Ratio Lower Upper
 107 100
 144 102.9 19.7 29.5#
 142 5608.5 61.8 92.6#

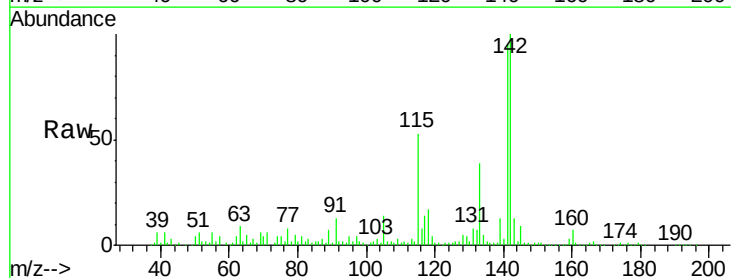


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

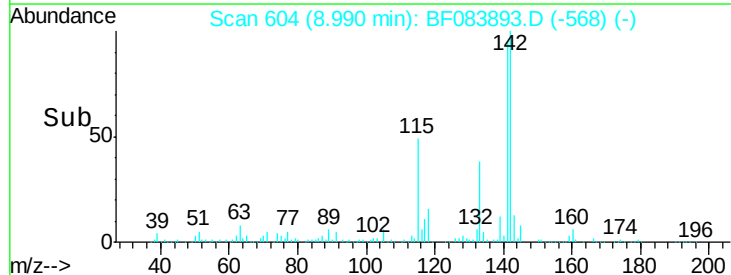
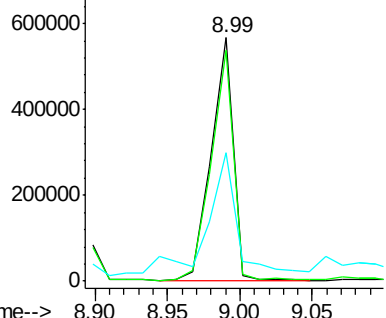


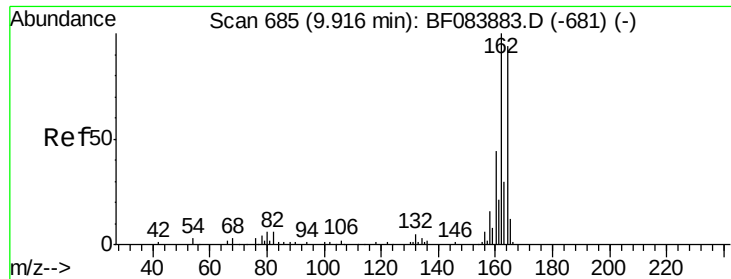
#37
 2-Methylnaphthalene
 Concen: 786.33 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.11 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

Tgt Ion:142 Resp: 591830
 Ion Ratio Lower Upper
 142 100
 141 94.6 72.4 108.6
 115 52.6 27.9 41.9#



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

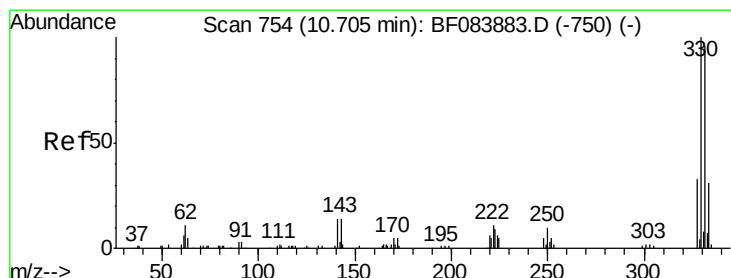
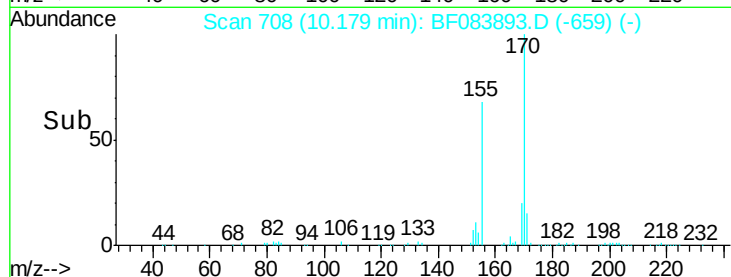
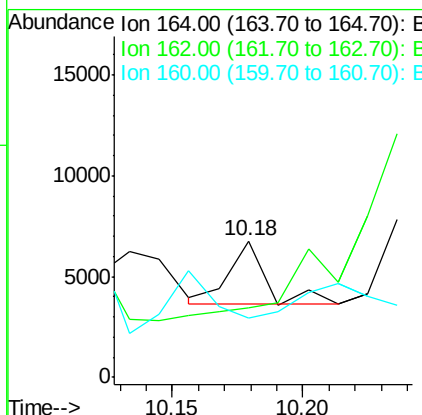
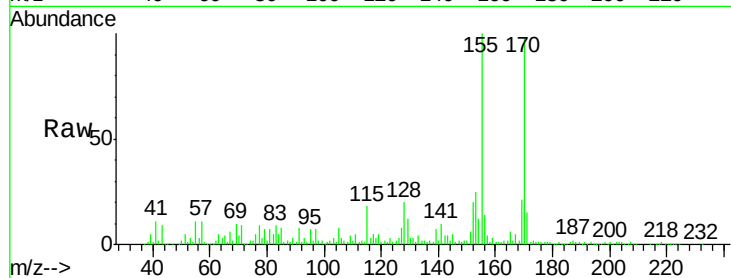




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.26 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

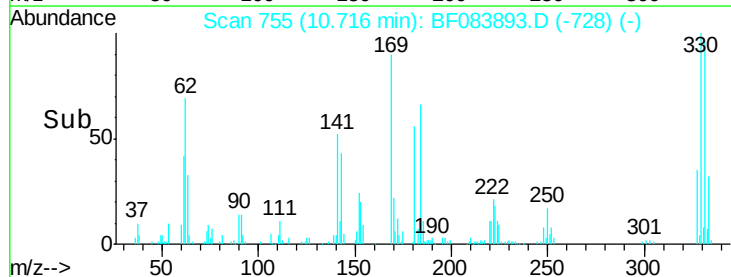
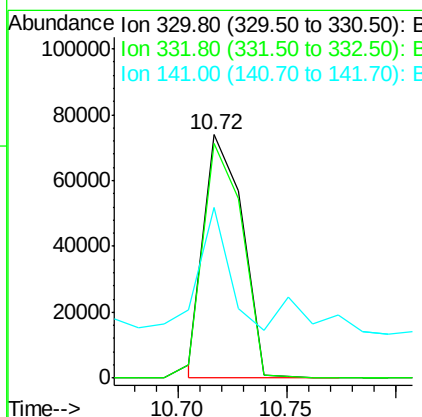
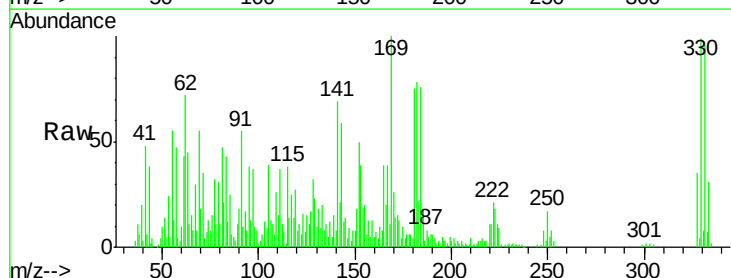
Instrument :
BNA_F
ClientSampleId :
K212-(8-10)

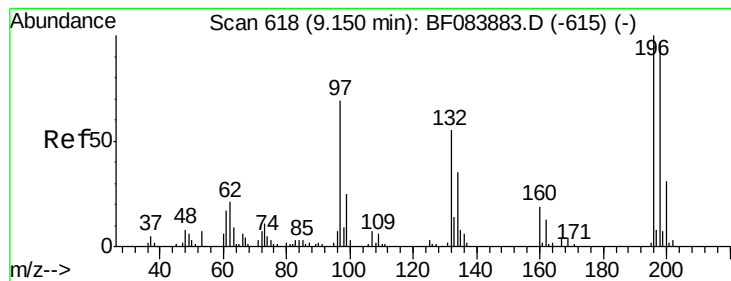
Tgt Ion:164 Resp: 3040
Ion Ratio Lower Upper
164 100
162 51.4 85.1 127.7#
160 43.0 37.5 56.3



#41
2,4,6-Tribromophenol
Concen: 2709.97 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Tgt Ion:330 Resp: 90758
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 33.5 27.8 41.6





#42

2,4,6-Trichlorophenol

Concen: 69.60 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.27 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

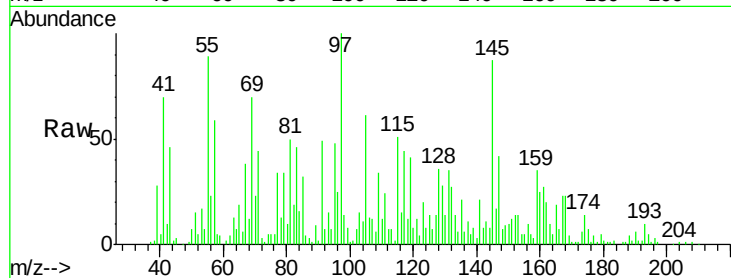
Tgt Ion:196 Resp: 4405

Ion Ratio Lower Upper

196 100

198 0.0 77.7 116.5#

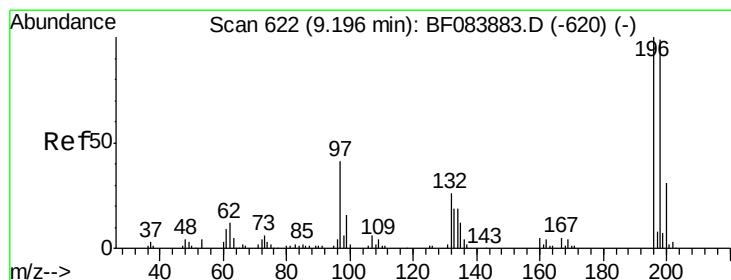
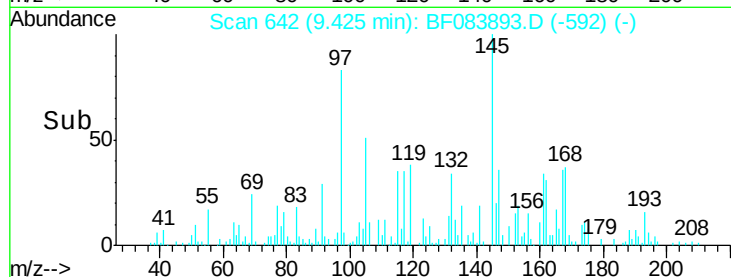
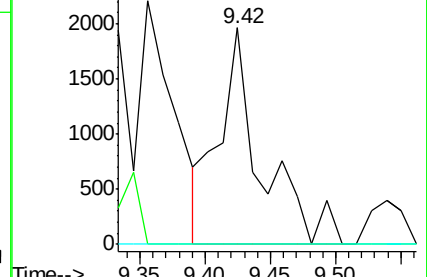
200 0.0 24.6 37.0#



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: 70.34 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.23 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Tgt Ion:196 Resp: 4405

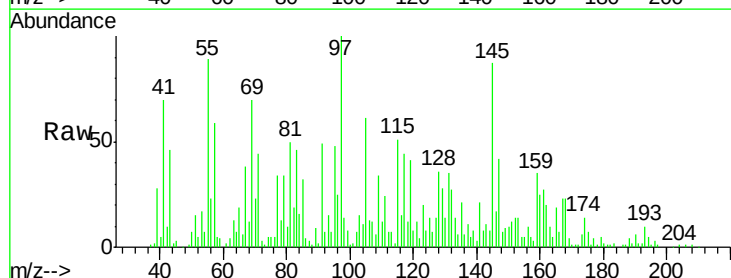
Ion Ratio Lower Upper

196 100

198 0.0 79.0 118.6#

97 3314.1 33.0 49.6#

132 903.5 21.1 31.7#

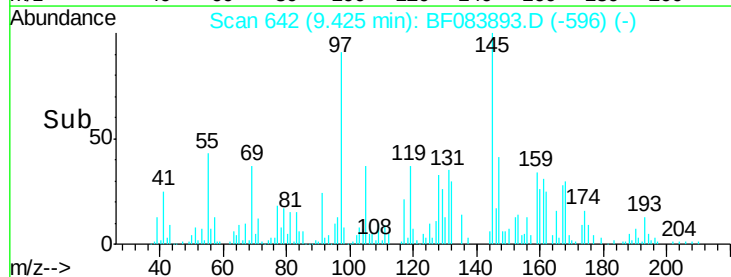
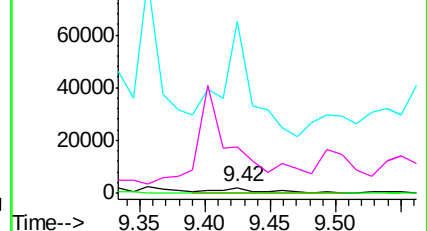


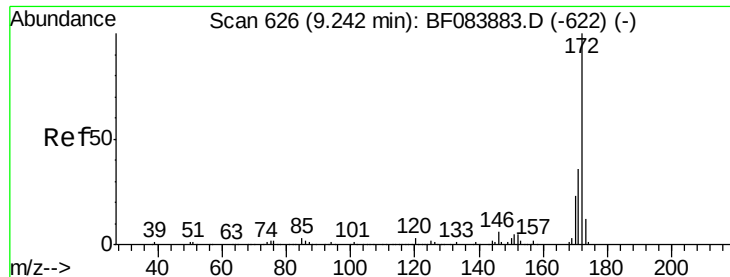
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

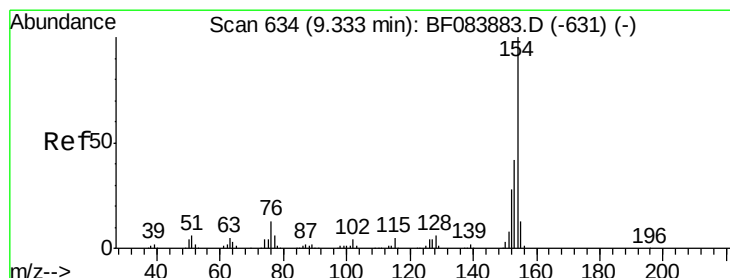
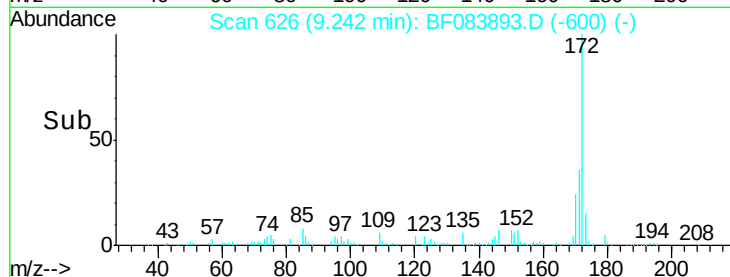
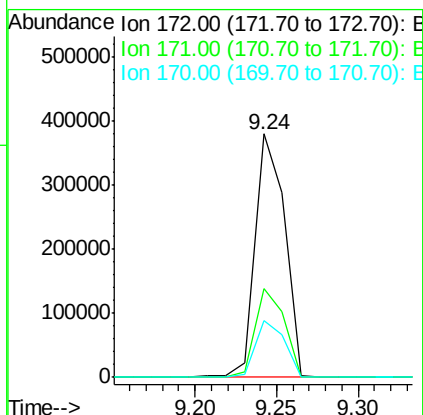
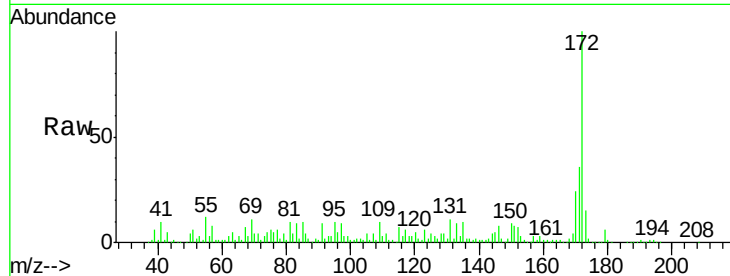




#44
2-Fluorobiphenyl
Concen: -20.00 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

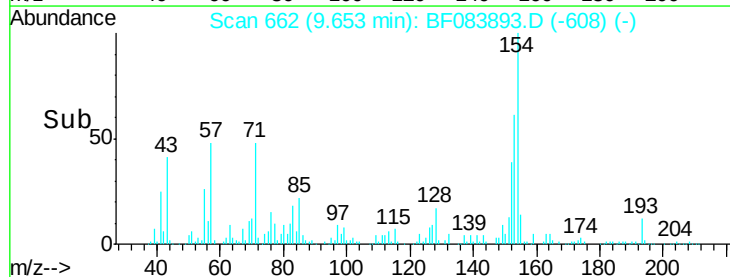
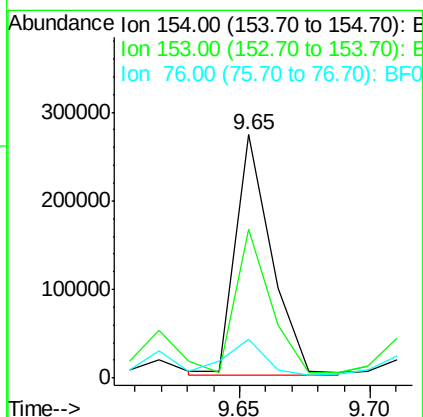
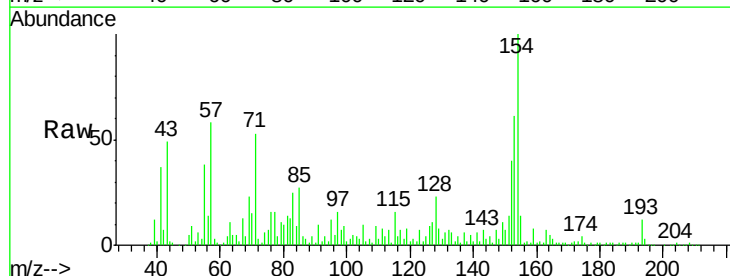
Instrument :
BNA_F
ClientSampleId :
K212-(8-10)

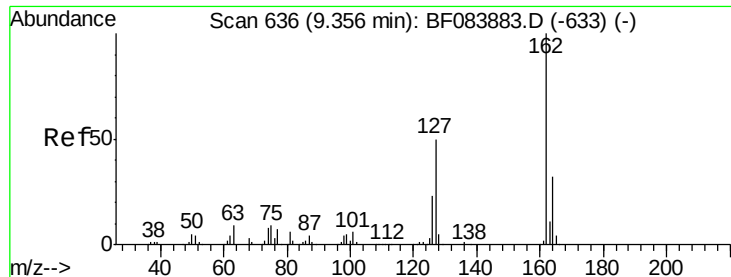
Tgt Ion:172 Resp: 475948
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.6 18.6 27.8



#45
1,1'-Biphenyl
Concen: 1064.82 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.32 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Tgt Ion:154 Resp: 261968
Ion Ratio Lower Upper
154 100
153 61.3 21.6 61.6
76 15.8 0.0 32.7

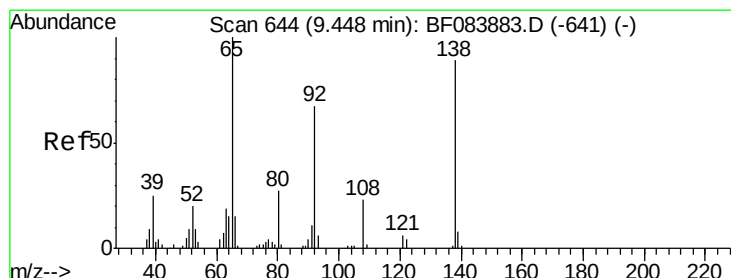
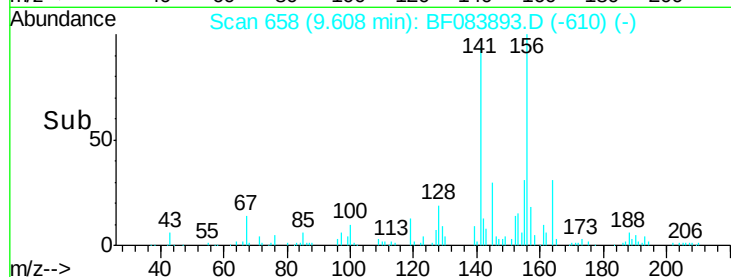
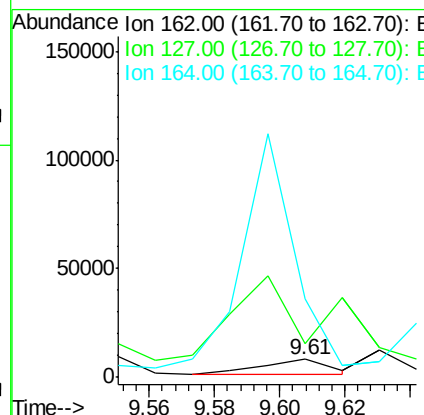
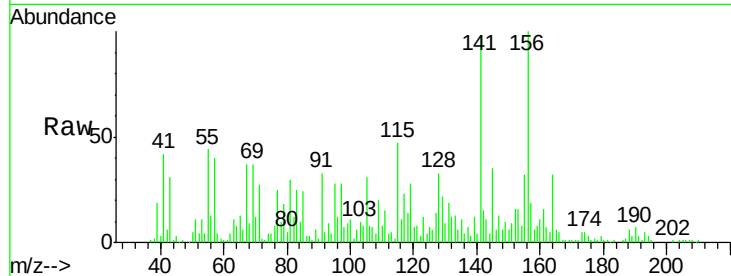




#46
 2-Chloronaphthalene
 Concen: 46.34 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.25 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

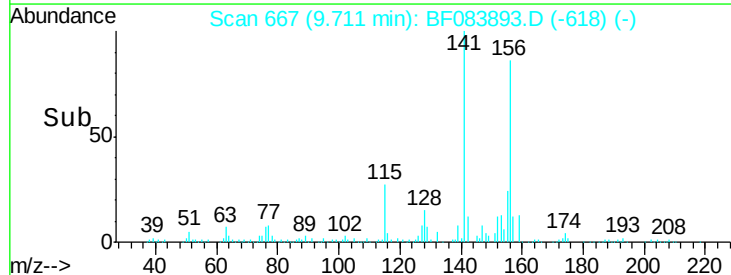
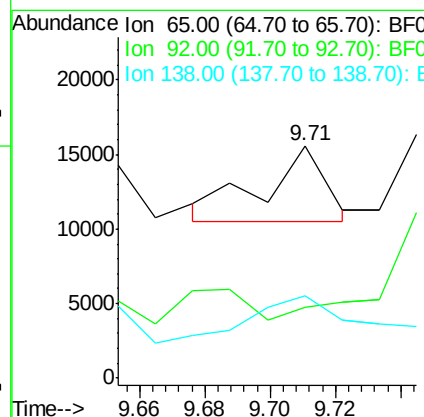
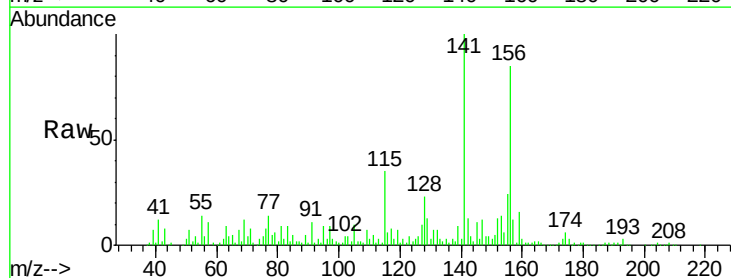
Instrument :
 BNA_F
 ClientSampled :
 K212-(8-10)

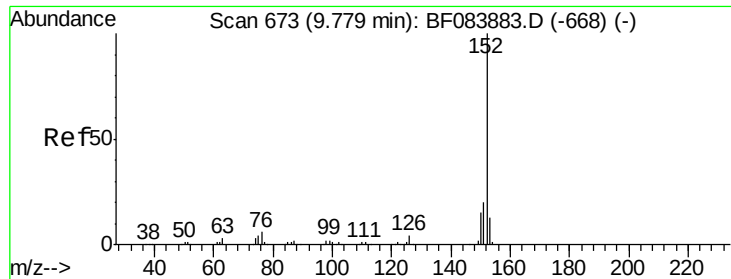
Tgt Ion: 162 Resp: 9245
 Ion Ratio Lower Upper
 162 100
 127 189.0 40.2 60.4#
 164 438.9 25.7 38.5#



#47
 2-Nitroaniline
 Concen: 111.13 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.26 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

Tgt Ion: 65 Resp: 6681
 Ion Ratio Lower Upper
 65 100
 92 30.2 53.4 80.2#
 138 35.2 71.1 106.7#





#48

Acenaphthylene

Concen: 127.69 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.25 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

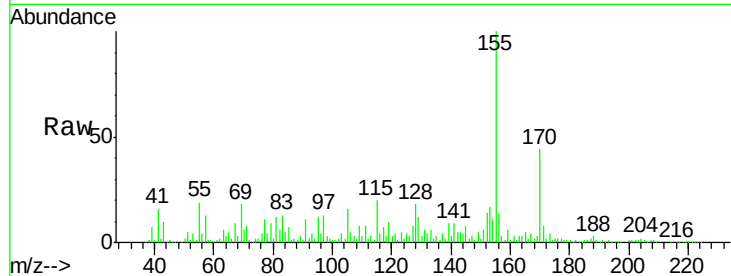
Tgt Ion:152 Resp: 45256

Ion Ratio Lower Upper

152 100

151 41.8 16.3 24.5#

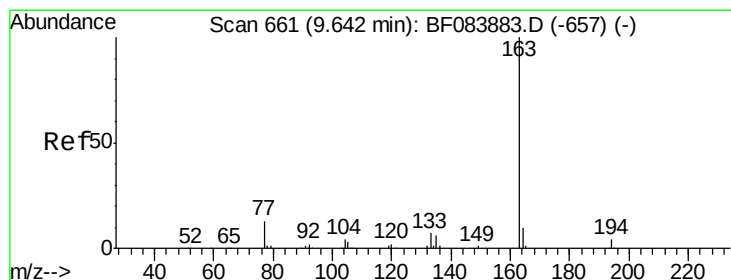
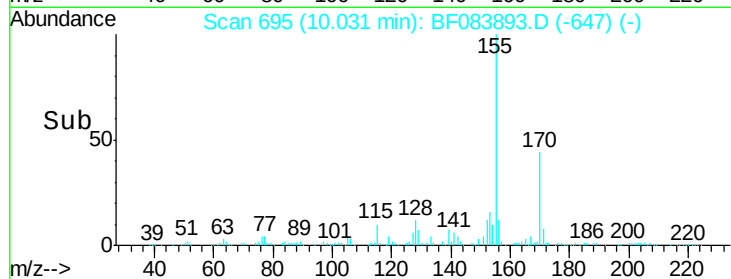
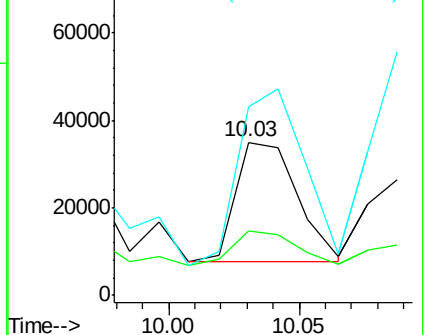
153 123.7 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 124.78 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.29 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

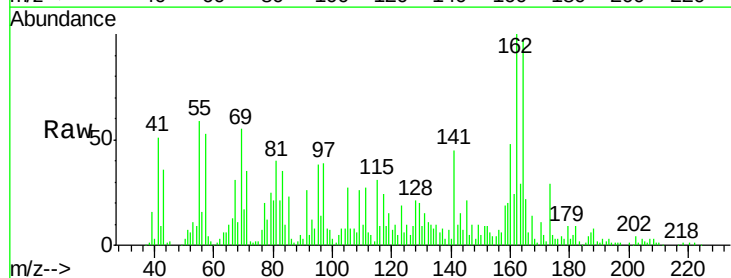
Tgt Ion:163 Resp: 31830

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

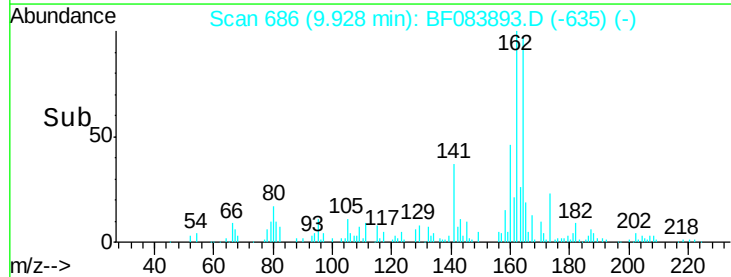
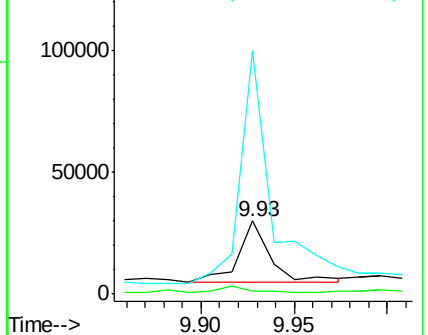
164 334.2 7.9 11.9#

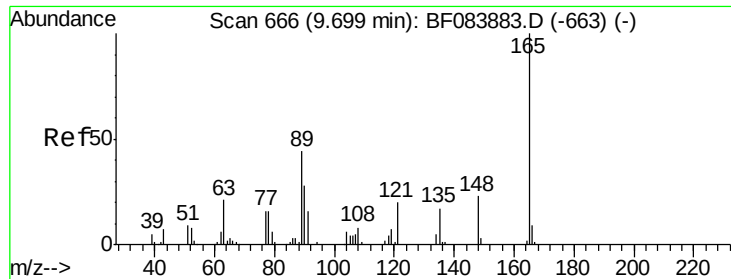


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 483.68 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.26 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

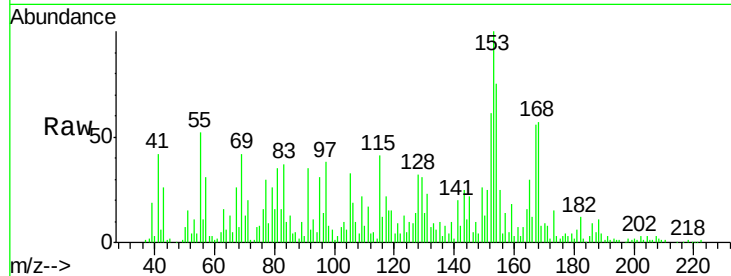
Tgt Ion:165 Resp: 26914

Ion Ratio Lower Upper

165 100

63 51.2 28.8 43.2#

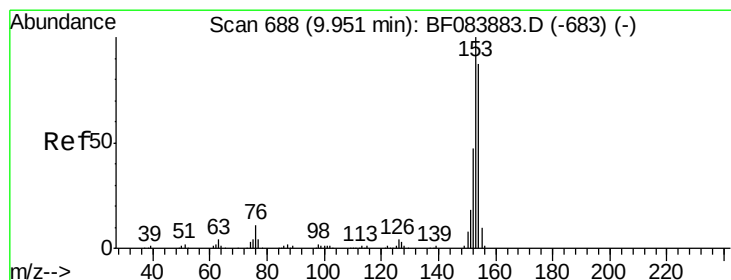
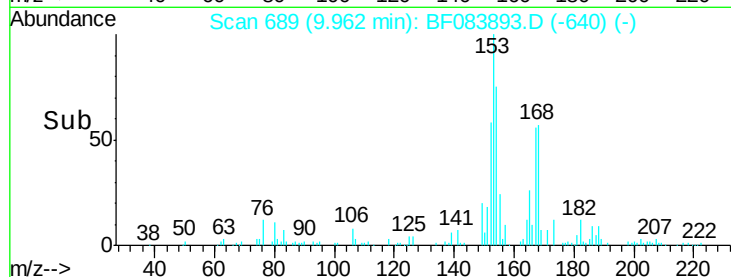
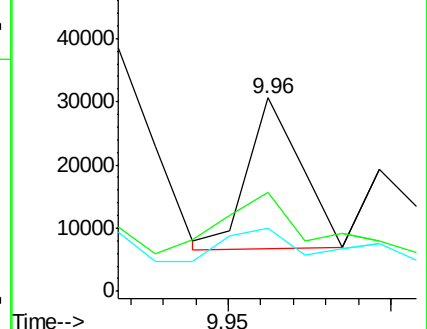
89 32.3 35.1 52.7#



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: 206.84 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.30 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

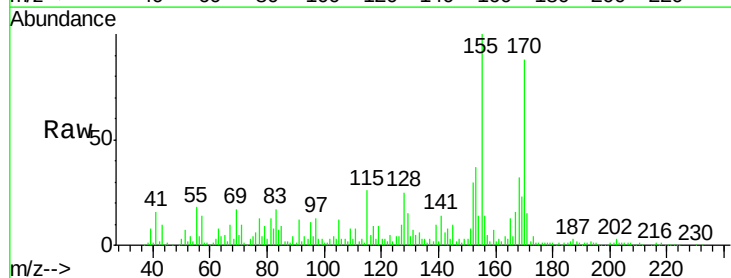
Tgt Ion:154 Resp: 45072

Ion Ratio Lower Upper

154 100

153 267.5 91.5 137.3#

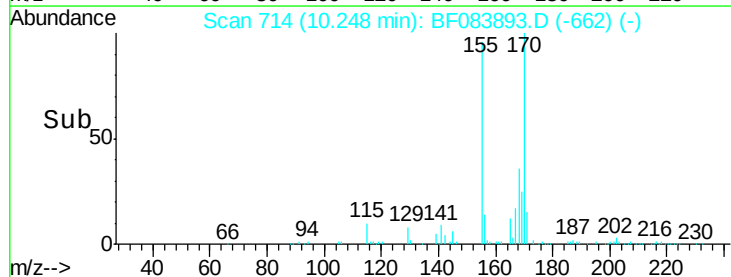
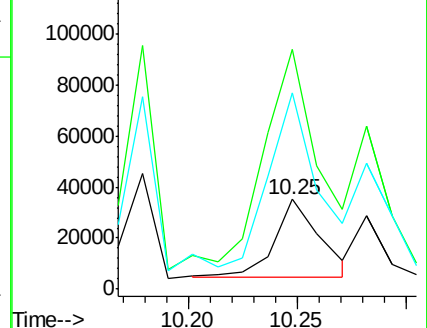
152 218.8 43.0 64.6#

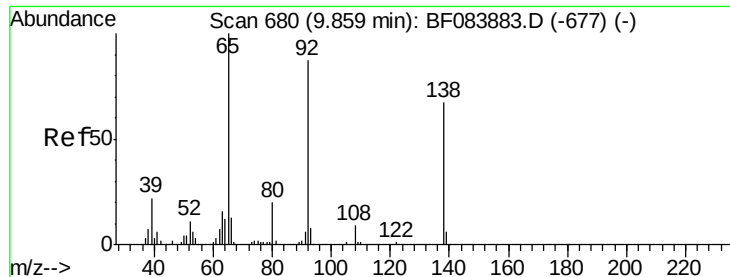


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 52.79 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.27 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

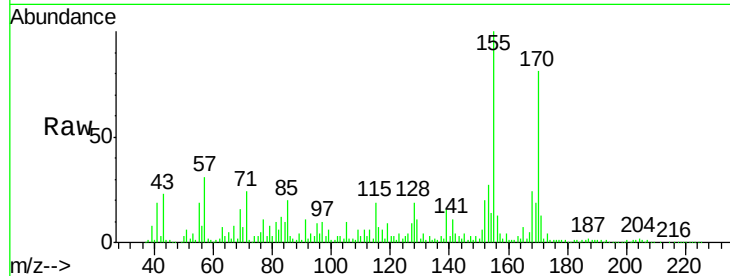
Tgt Ion:138 Resp: 3096

Ion Ratio Lower Upper

138 100

108 88.4 10.5 15.7#

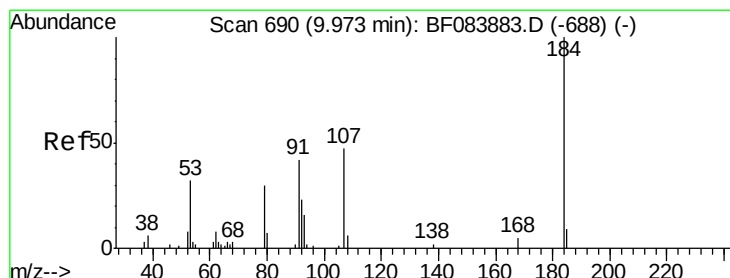
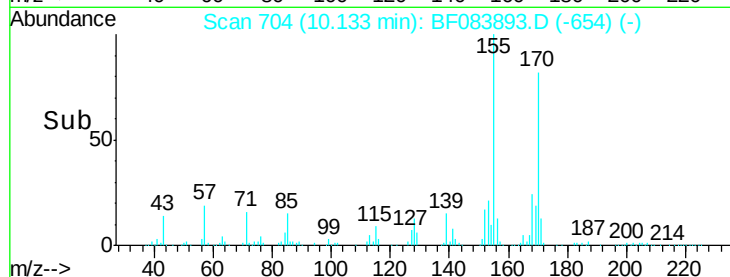
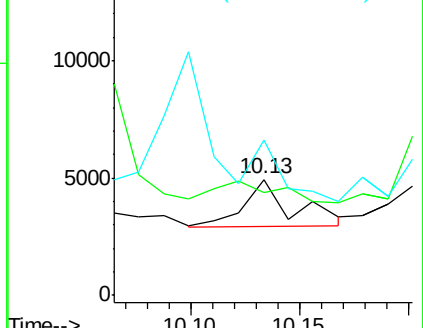
92 133.9 103.9 155.9



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: 410.17 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.25 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

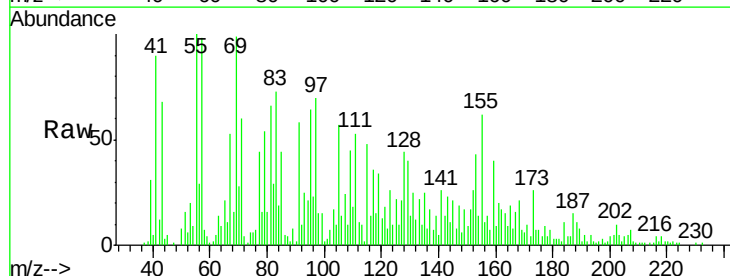
Tgt Ion:184 Resp: 9169

Ion Ratio Lower Upper

184 100

63 126.4 43.1 64.7#

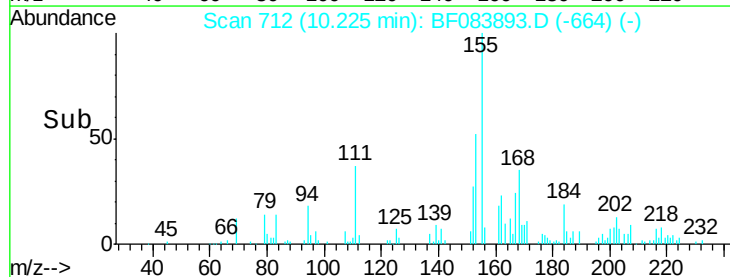
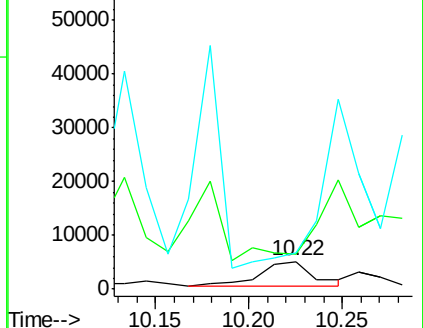
154 130.0 60.5 90.7#

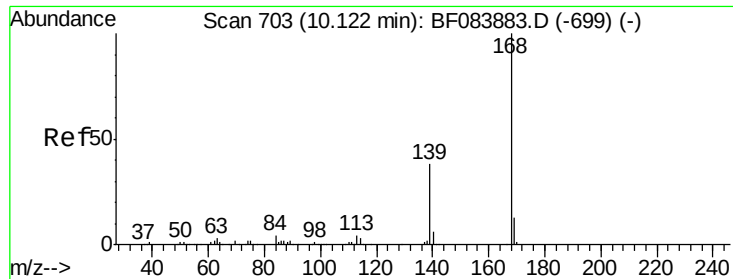


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

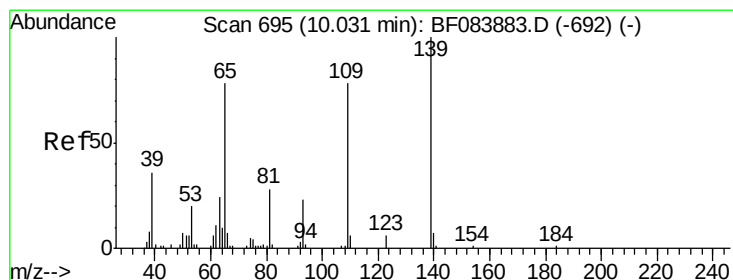
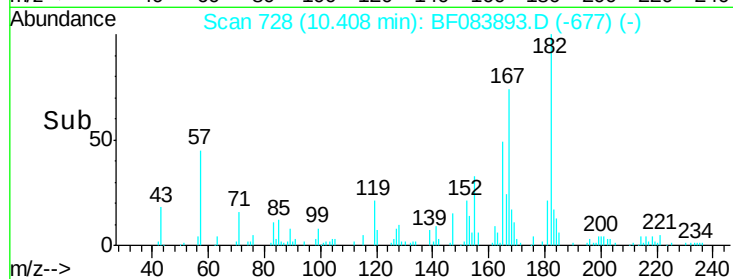
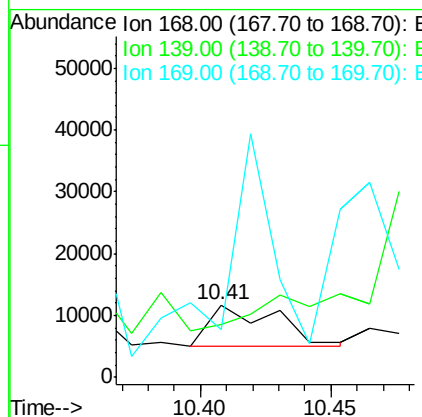
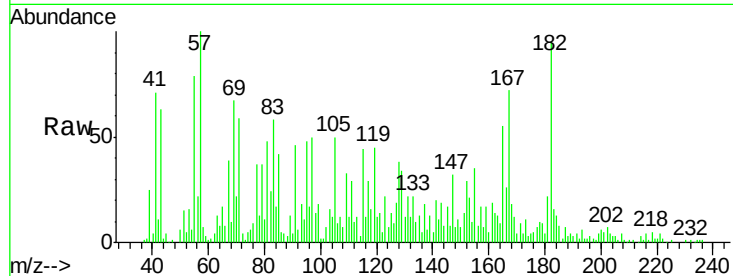




#54
Dibenzofuran
Concen: 42.24 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.29 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

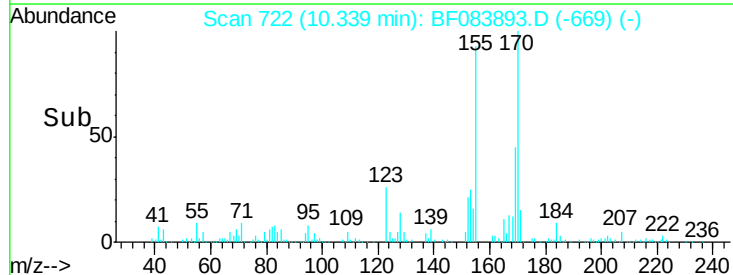
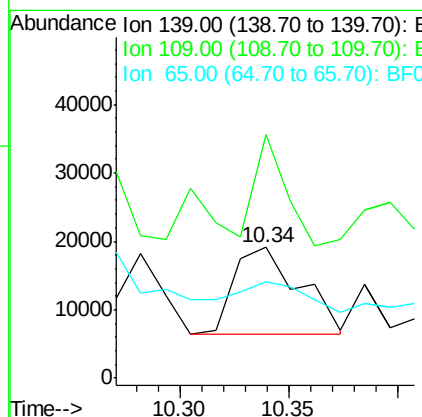
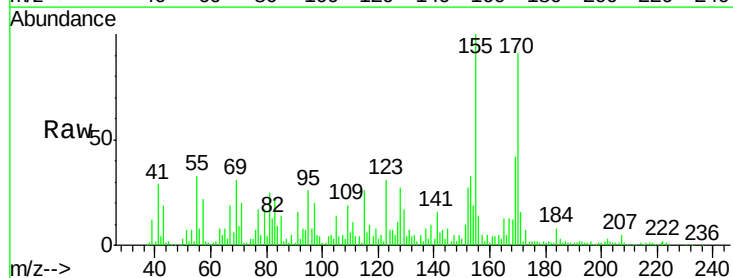
Instrument :
BNA_F
ClientSampleId :
K212-(8-10)

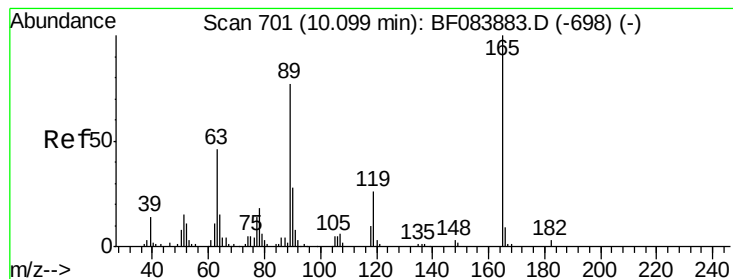
Tgt Ion:168 Resp: 11953
Ion Ratio Lower Upper
168 100
139 73.3 30.5 45.7#
169 65.2 10.4 15.6#



#55
4-Nitrophenol
Concen: 734.28 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.31 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Tgt Ion:139 Resp: 26888
Ion Ratio Lower Upper
139 100
109 186.3 58.5 98.5#
65 73.6 57.6 97.6





#56

2,4-Dinitrotoluene

Concen: 2322.77 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.29 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

Tgt Ion:165 Resp: 165679

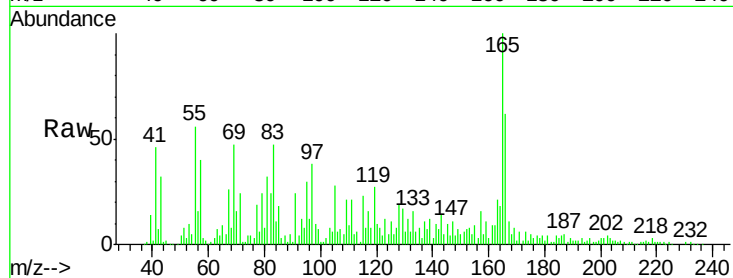
Ion Ratio Lower Upper

165 100

63 7.4 36.7 55.1#

89 4.9 61.9 92.9#

182 1.4 2.0 3.0#

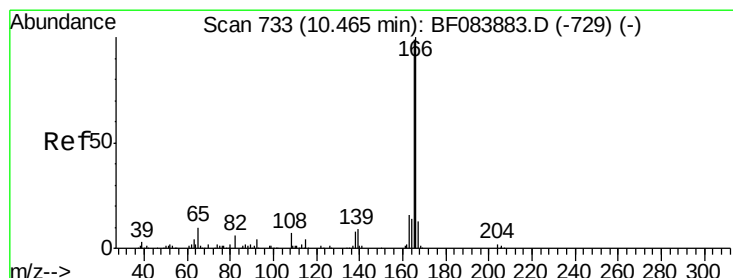
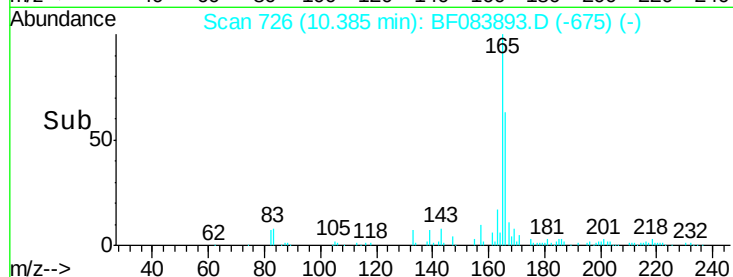
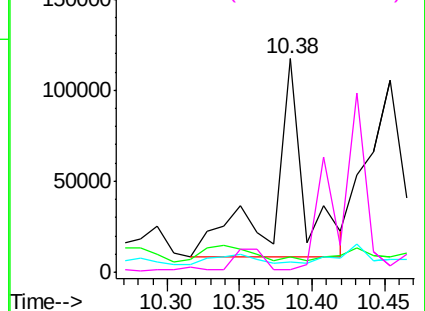


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.99 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.33 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

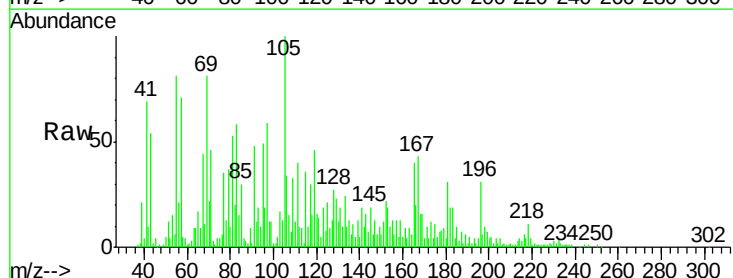
Tgt Ion:166 Resp: 9484

Ion Ratio Lower Upper

166 100

165 200.4 79.1 118.7#

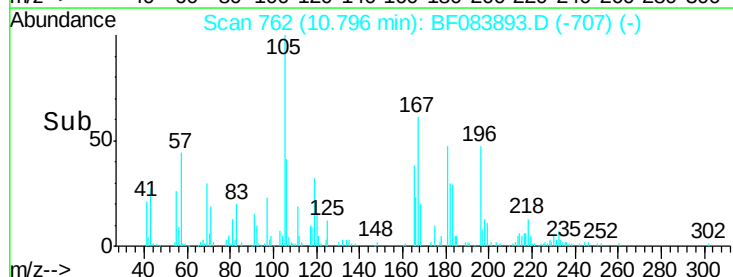
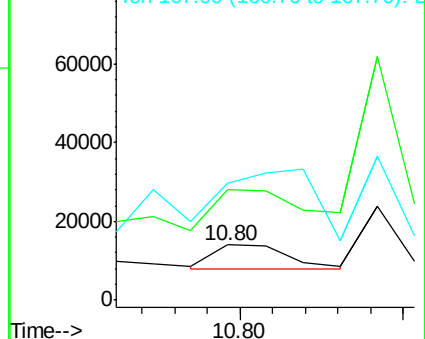
167 214.1 10.4 15.6#

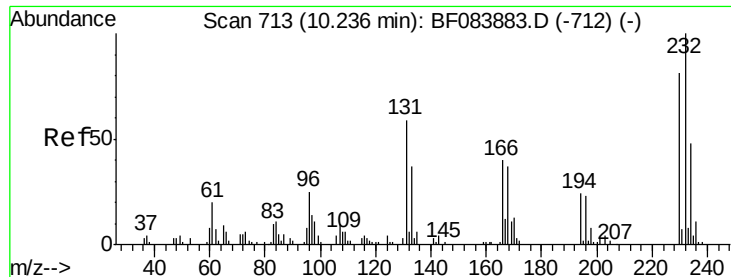


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

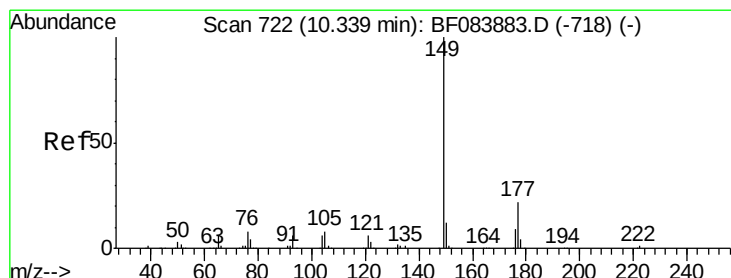
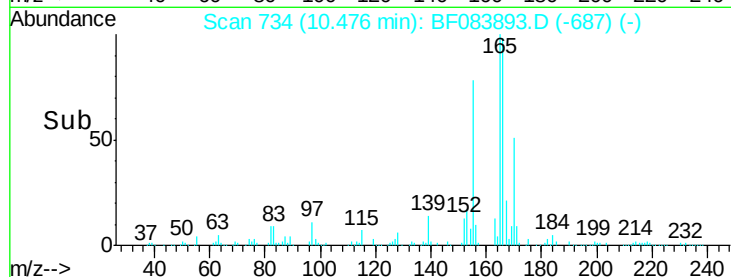
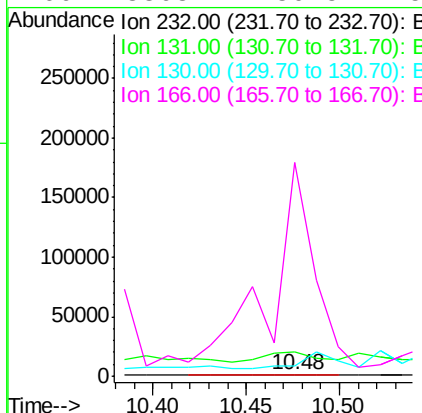
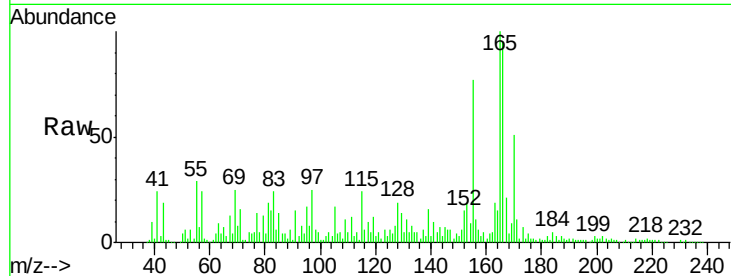




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.73 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.24 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

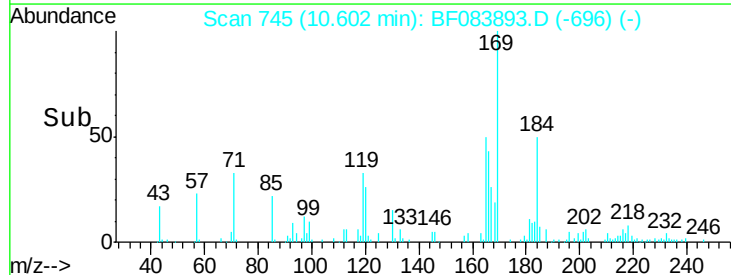
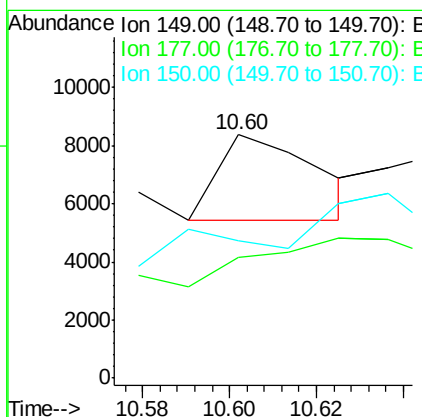
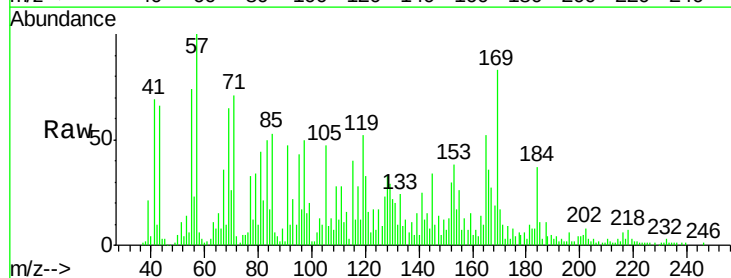
Instrument :
 BNA_F
 ClientSampleId :
 K212-(8-10)

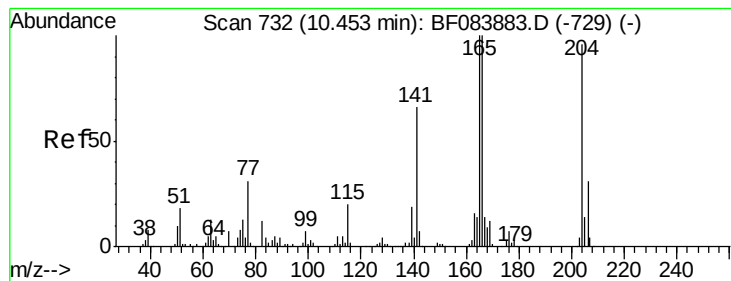
Tgt Ion:232 Resp: 1563
 Ion Ratio Lower Upper
 232 100
 131 1183.7 47.0 70.6#
 130 1257.2 2.0 3.0#
 166 18368.1 30.5 45.7#



#59
 Diethylphthalate
 Concen: 17.56 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.26 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

Tgt Ion:149 Resp: 4630
 Ion Ratio Lower Upper
 149 100
 177 49.7 17.3 25.9#
 150 56.4 9.8 14.8#





#60

4-Chlorophenyl-phenylether

Concen: 24.16 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.23 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

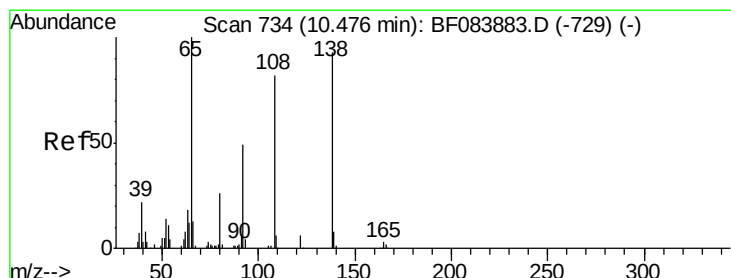
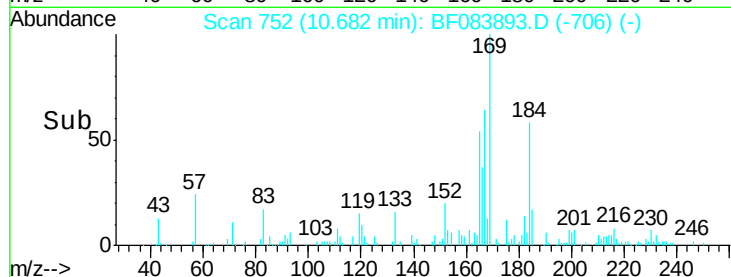
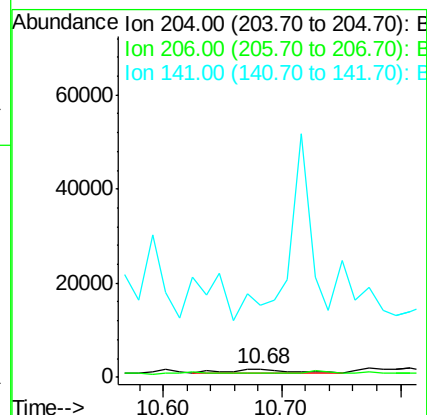
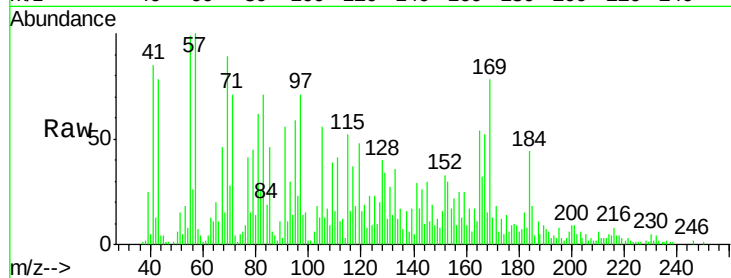
Tgt Ion:204 Resp: 2621

Ion Ratio Lower Upper

204 100

206 44.7 25.7 38.5#

141 852.4 55.1 82.7#



#61

4-Nitroaniline

Concen: 36.17 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.25 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

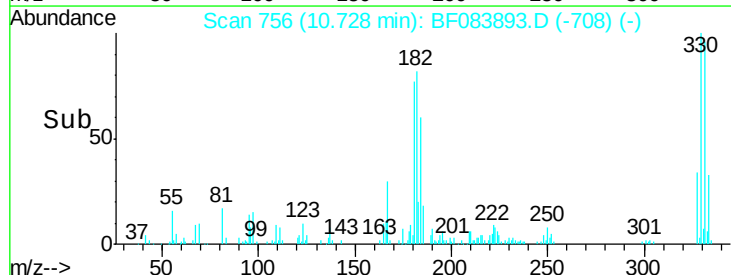
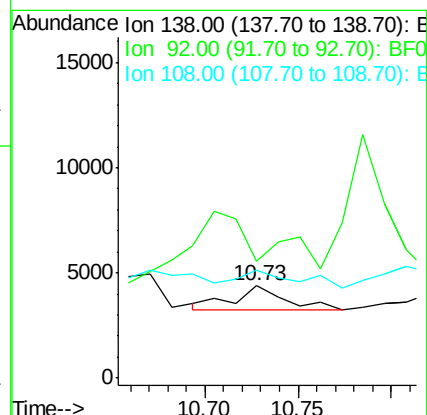
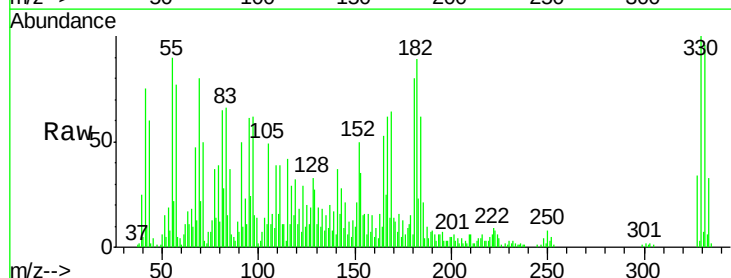
Tgt Ion:138 Resp: 2195

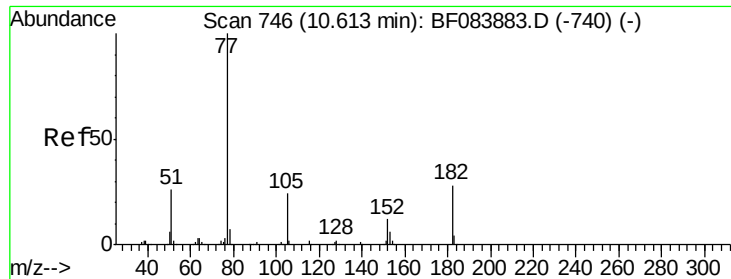
Ion Ratio Lower Upper

138 100

92 126.4 32.6 72.6#

108 116.6 68.6 108.6#





#62

Azobenzene

Concen: 237.71 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.33 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

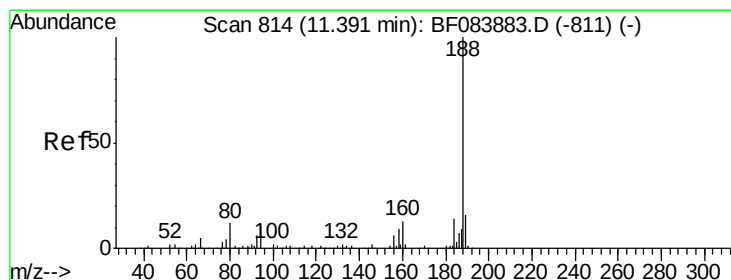
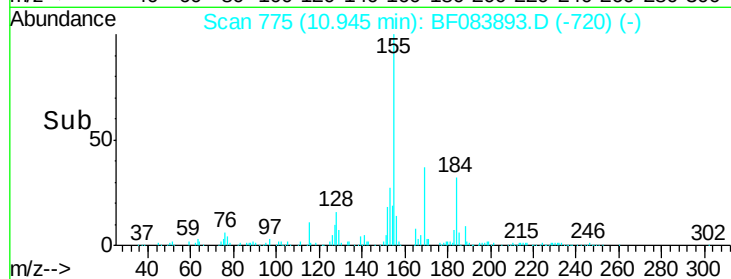
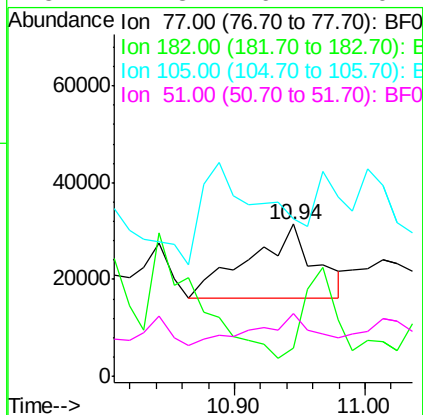
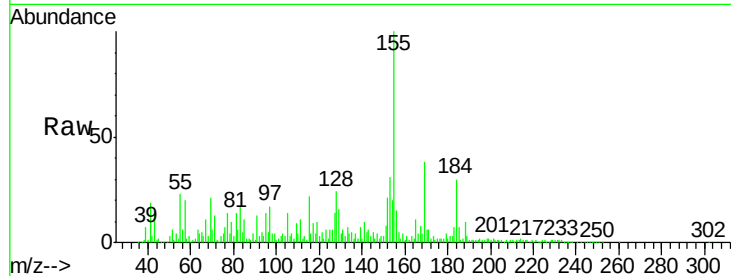
Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

Tgt Ion:	77	Resp:	52547
Ion	Ratio	Lower	Upper
77	100		
182	18.5	8.3	48.3
105	103.4	4.6	44.6#
51	41.3	6.2	46.2



#63

Phenanthrene-d10

Concen: 20.00 ng

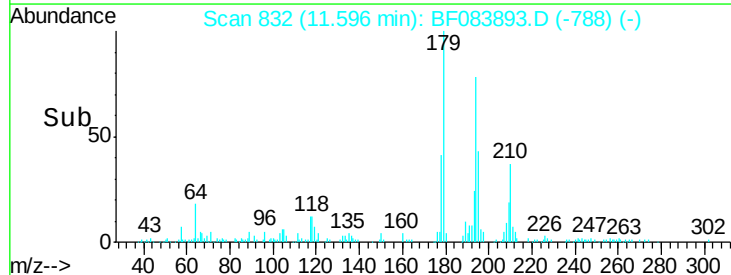
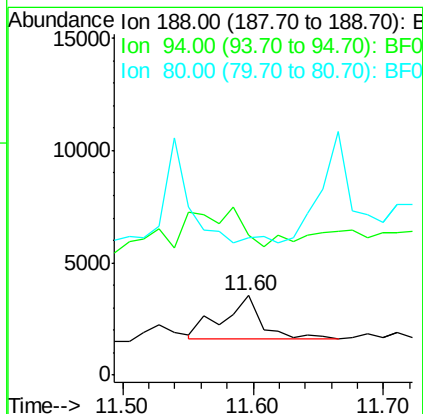
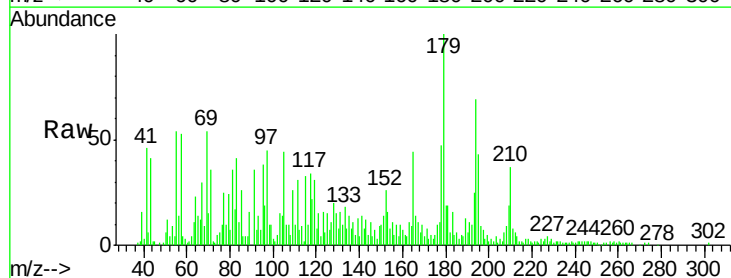
RT: 11.60 min Scan# 832

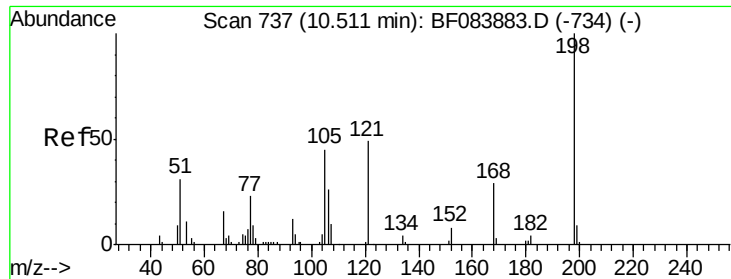
Delta R.T. 0.21 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Tgt Ion:	188	Resp:	3871
Ion	Ratio	Lower	Upper
188	100		
94	177.4	9.0	13.4#
80	173.9	9.6	14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 52.33 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.16 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

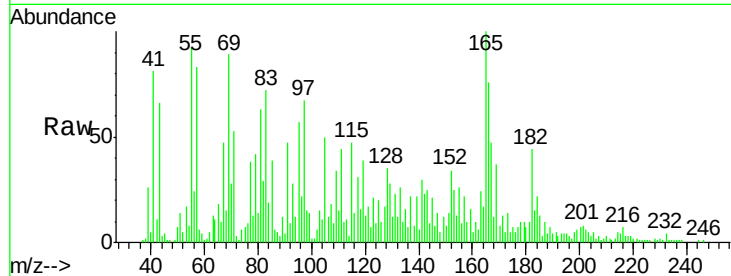
Tgt Ion:198 Resp: 1254

Ion Ratio Lower Upper

198 100

51 264.6 18.9 58.9#

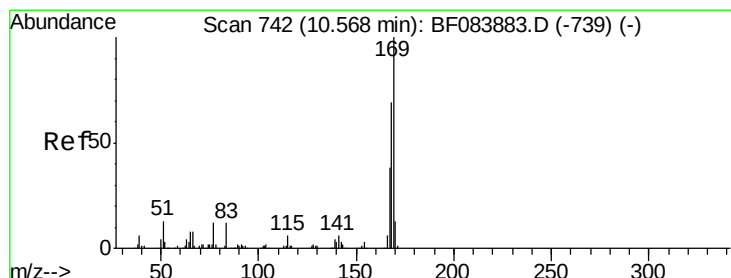
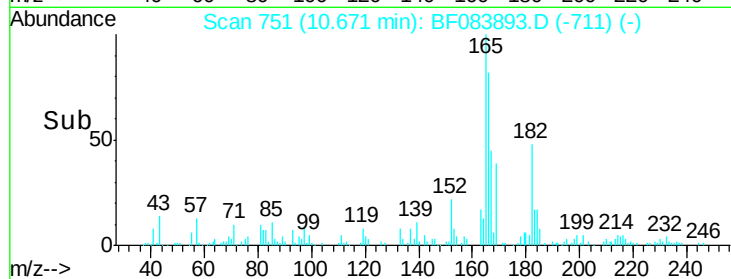
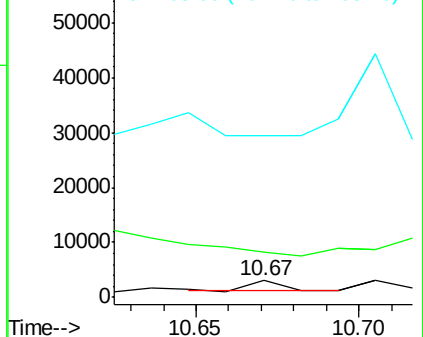
105 957.9 26.4 66.4#



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: 869.51 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.18 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

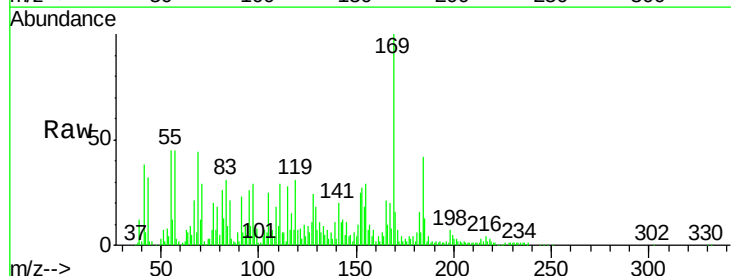
Tgt Ion:169 Resp: 122477

Ion Ratio Lower Upper

169 100

168 8.4 55.1 82.7#

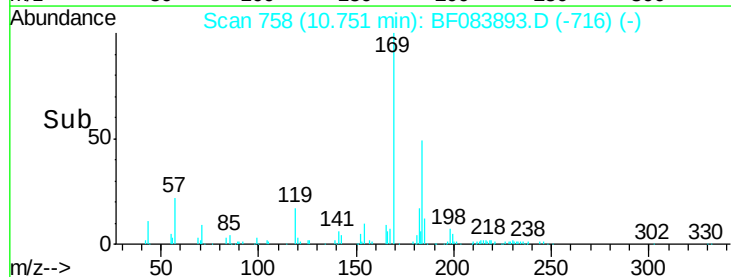
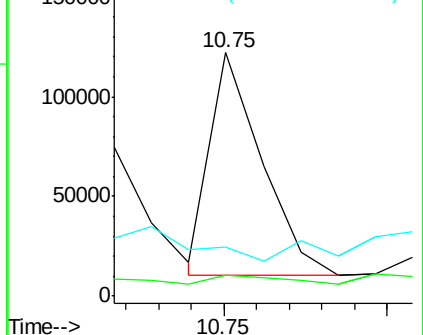
167 20.2 30.0 45.0#

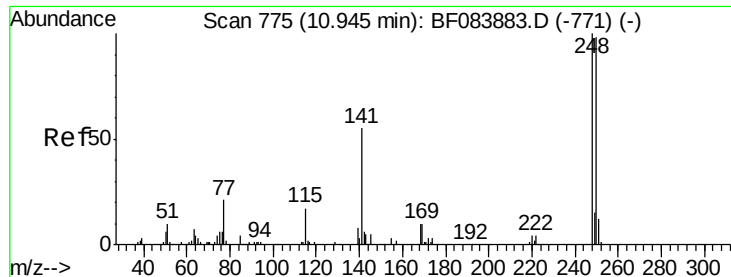


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

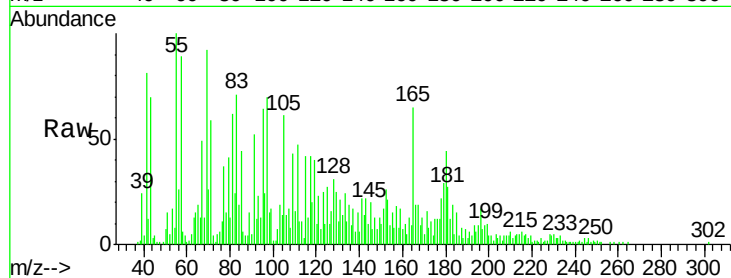




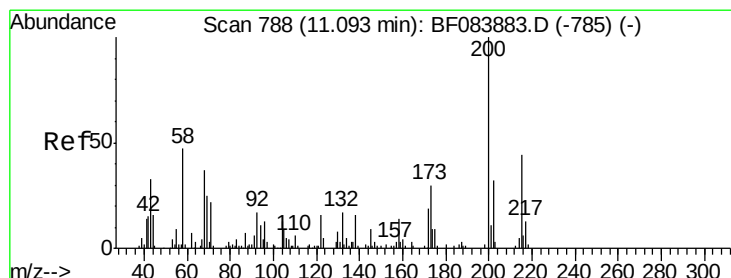
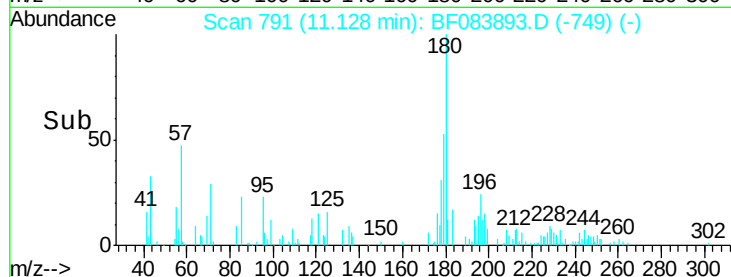
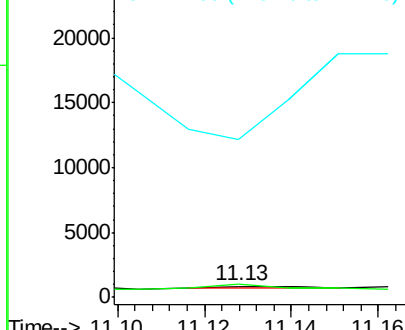
#66
4-Bromophenyl-phenylether
Concen: 5.32 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.18 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Instrument :
BNA_F
ClientSampleId :
K212-(8-10)

Tgt Ion:248 Resp: 252
Ion Ratio Lower Upper
248 100
250 125.6 78.4 117.6#
141 1447.7 44.0 66.0#

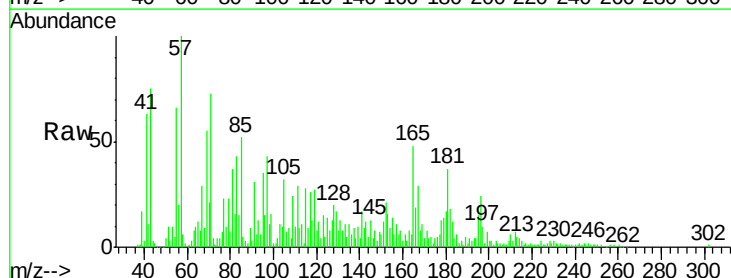


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

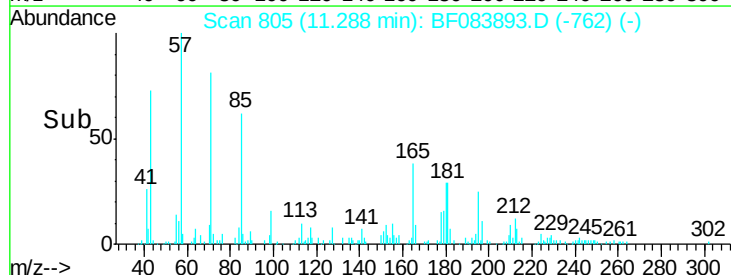
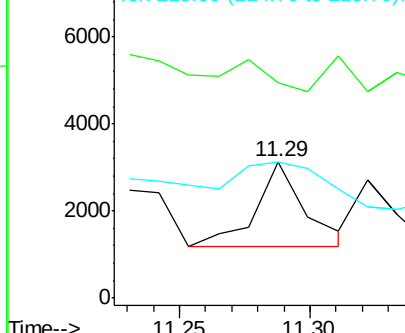


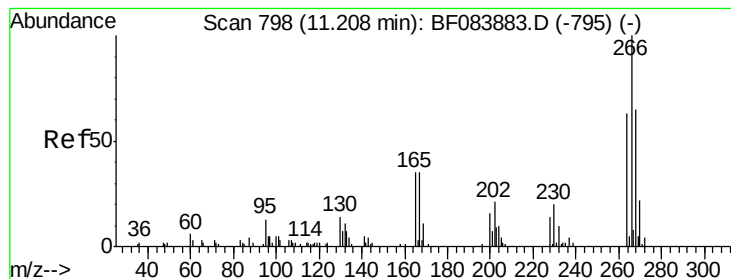
#68
Atrazine
Concen: 56.63 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.19 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Tgt Ion:200 Resp: 2527
Ion Ratio Lower Upper
200 100
173 157.6 9.5 49.5#
215 99.3 23.8 63.8#



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: 14.06 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.29 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

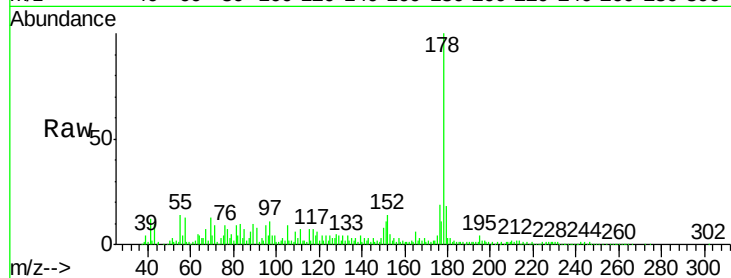
Tgt Ion:266 Resp: 210

Ion Ratio Lower Upper

266 100

268 0.0 52.4 78.6#

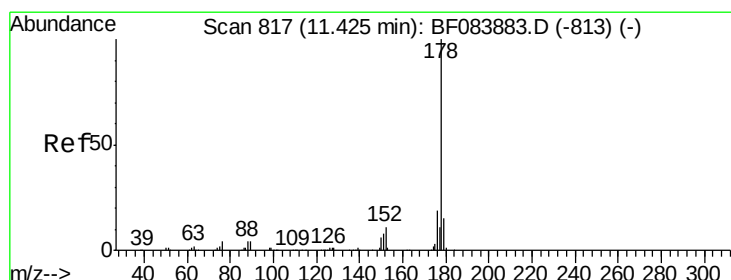
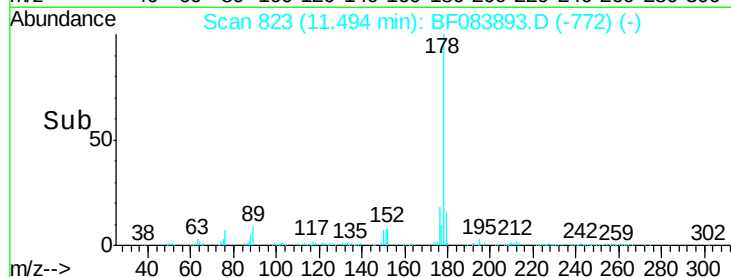
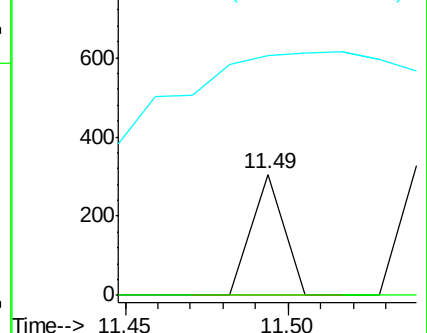
264 197.7 50.2 75.2#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 3753.73 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.02 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

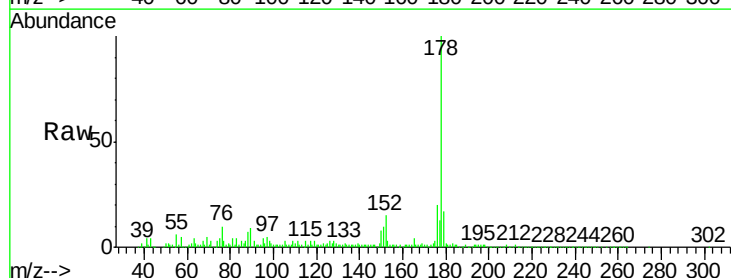
Tgt Ion:178 Resp: 877912

Ion Ratio Lower Upper

178 100

176 19.9 15.3 22.9

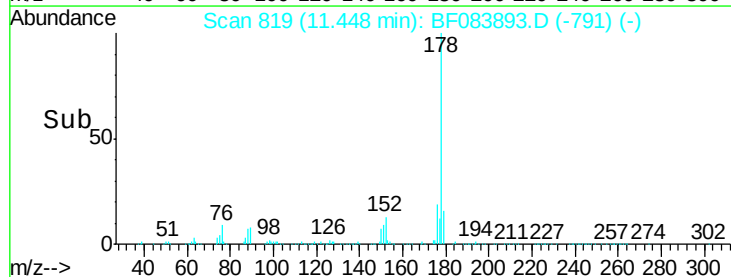
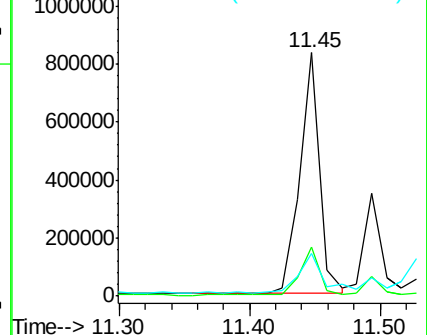
179 17.3 12.0 18.0

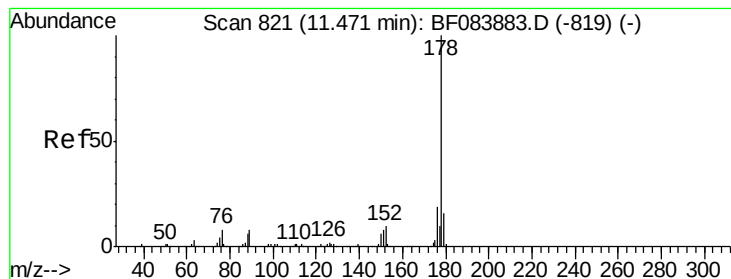


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 1370.42 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.02 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

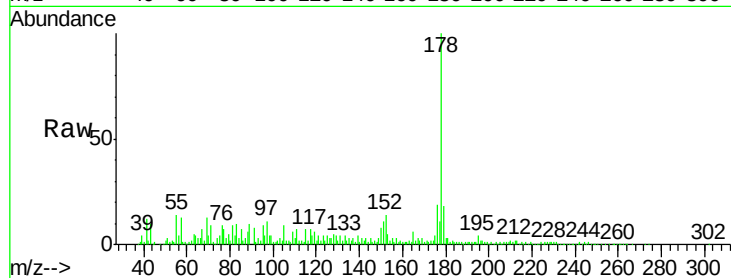
Tgt Ion:178 Resp: 309824

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

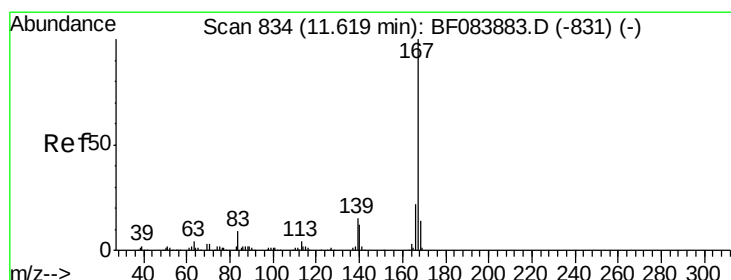
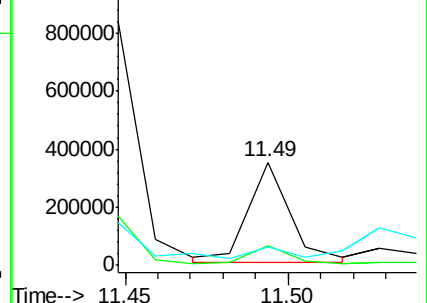
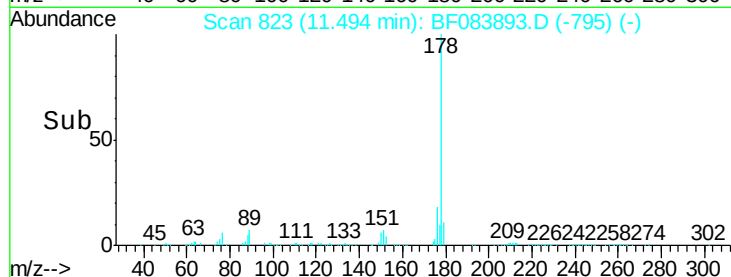
179 18.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.20 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.24 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

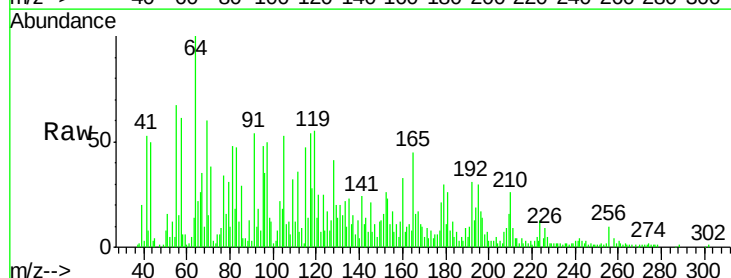
Tgt Ion:167 Resp: 7862

Ion Ratio Lower Upper

167 100

166 92.3 17.6 26.4#

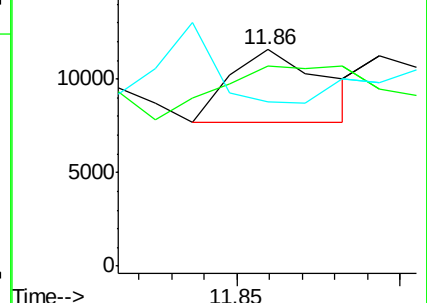
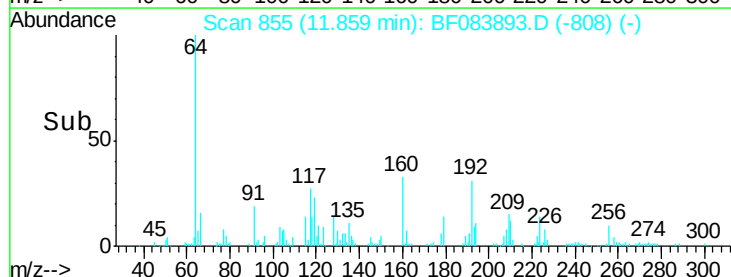
139 76.1 11.8 17.8#

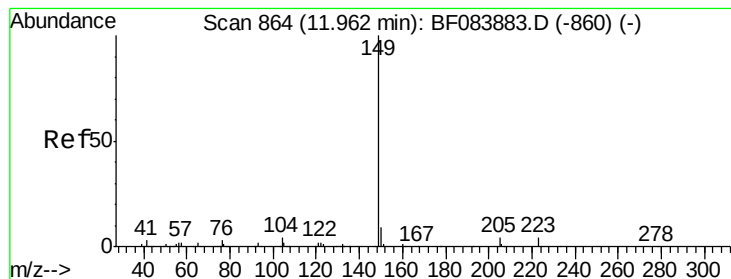


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 73.57 ng

RT: 12.20 min Scan# 885

Delta R.T. 0.24 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

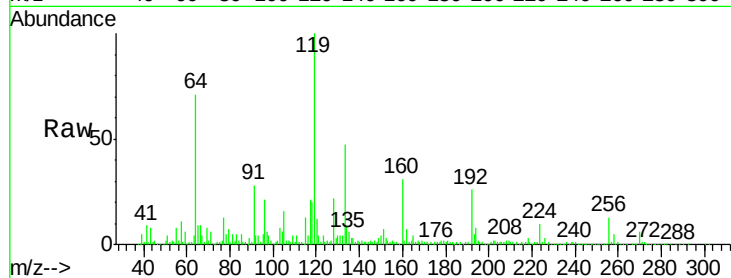
Tgt Ion:149 Resp: 19308

Ion Ratio Lower Upper

149 100

150 154.2 7.1 10.7#

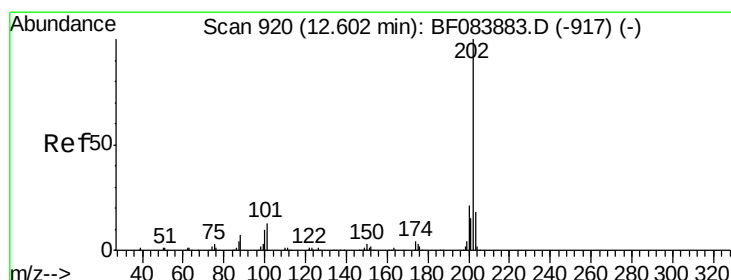
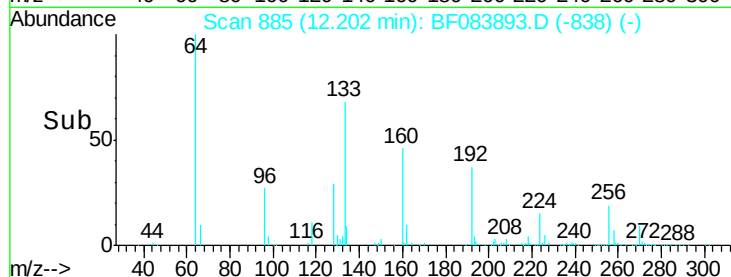
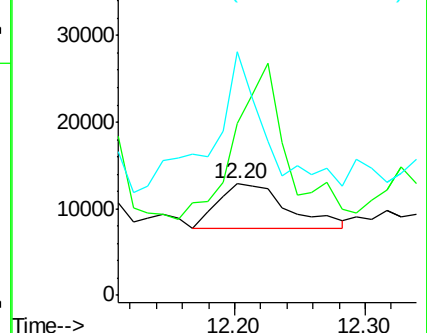
104 218.6 3.2 4.8#



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: 4590.46 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.29 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

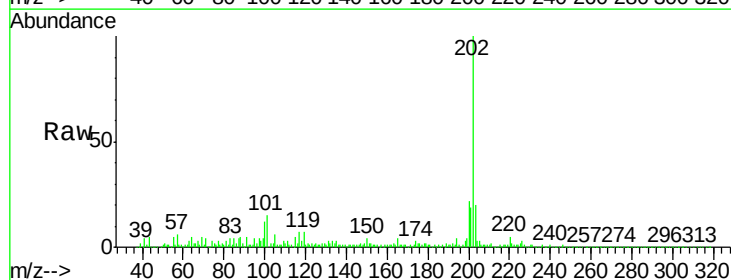
Tgt Ion:202 Resp: 1071364

Ion Ratio Lower Upper

202 100

101 14.7 0.0 32.8

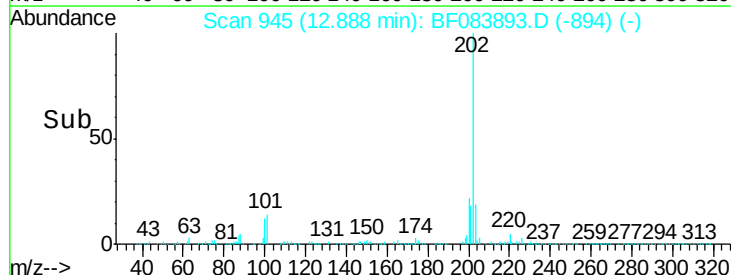
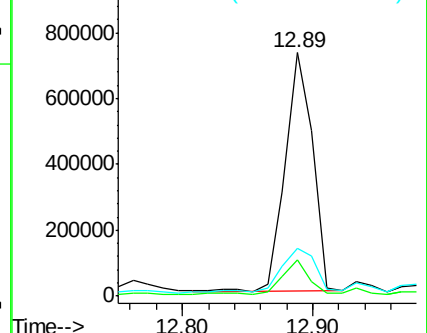
203 19.7 0.0 37.9

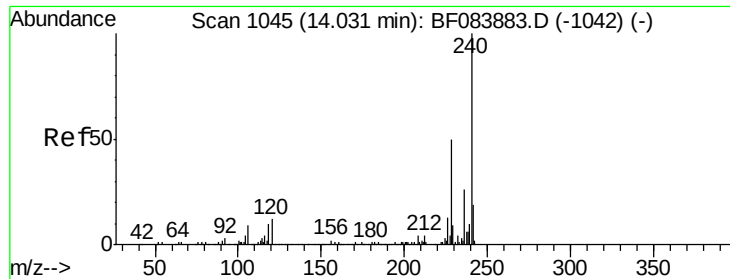


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.28 min Scan# 1067

Delta R.T. 0.25 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

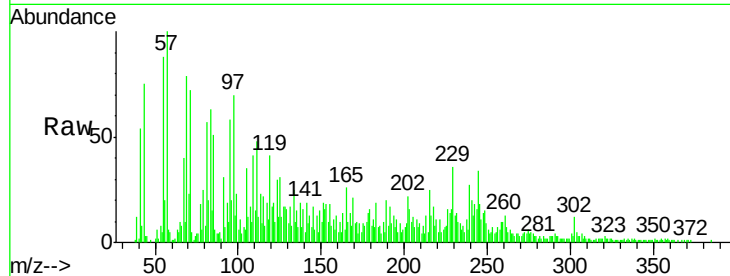
Tgt Ion:240 Resp: 15427

Ion Ratio Lower Upper

240 100

120 82.4 9.5 14.3#

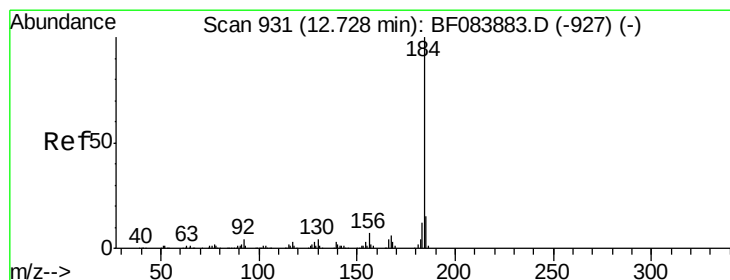
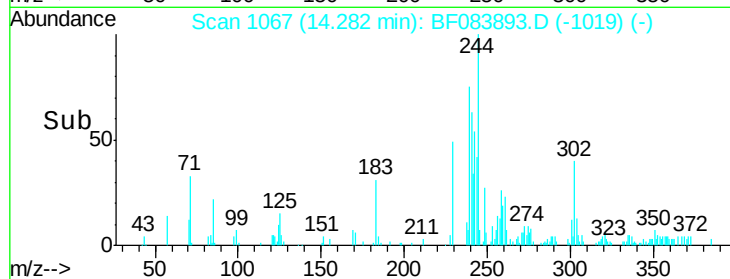
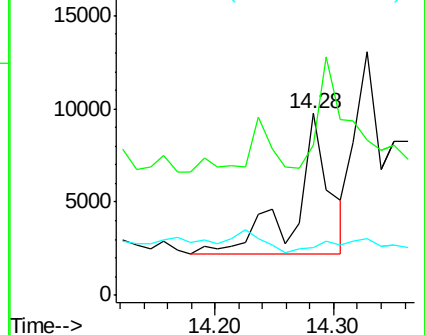
236 26.6 20.6 31.0



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: 3.63 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.22 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

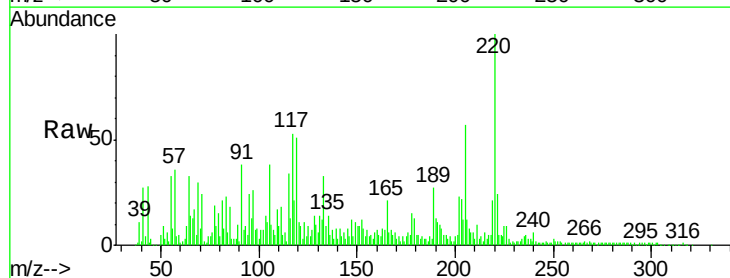
Tgt Ion:184 Resp: 2241

Ion Ratio Lower Upper

184 100

185 112.8 12.2 18.2#

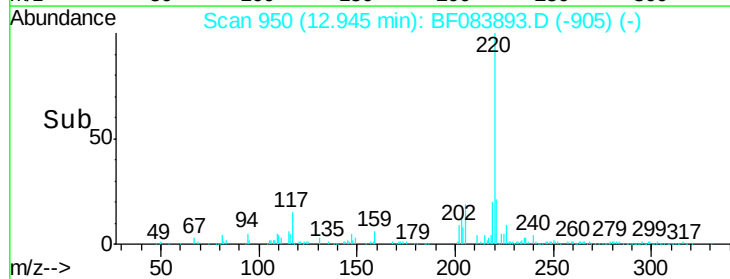
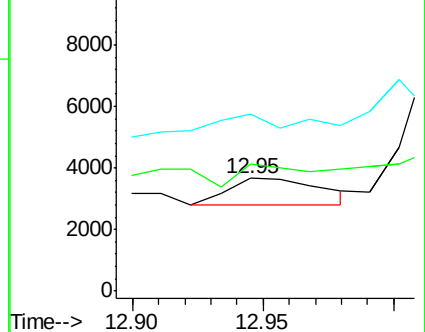
183 156.8 9.8 14.8#

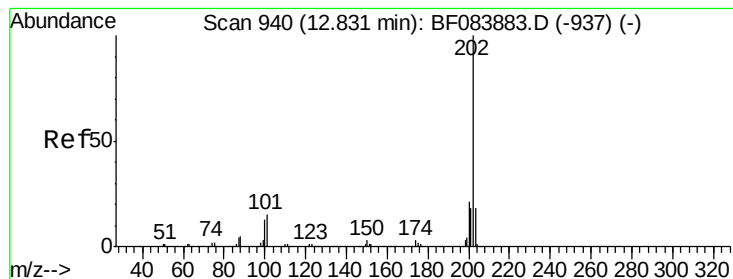


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 397.80 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.06 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

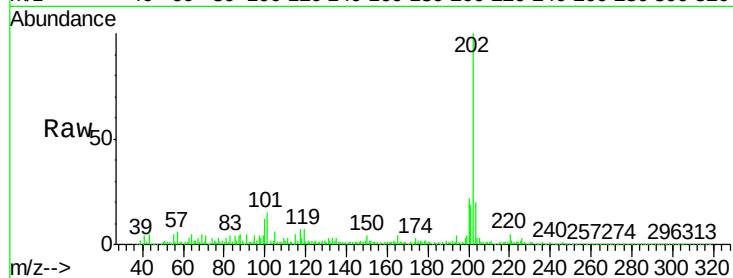
Tgt Ion:202 Resp: 1066279

Ion Ratio Lower Upper

202 100

200 22.0 17.2 25.8

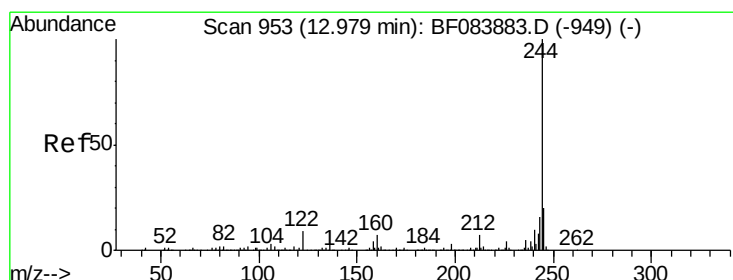
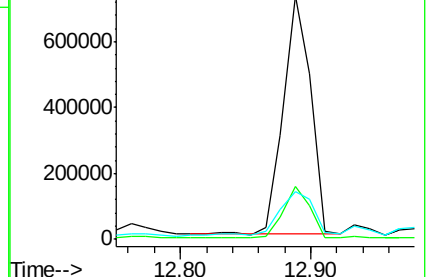
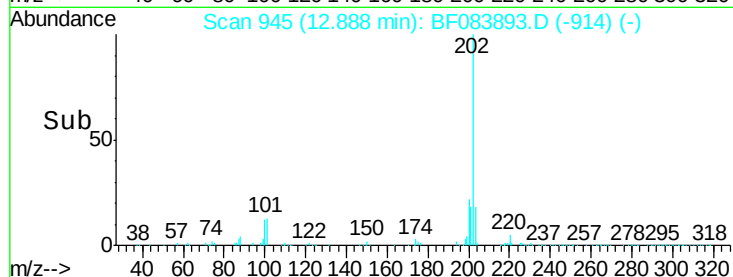
203 19.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 511.37 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.03 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

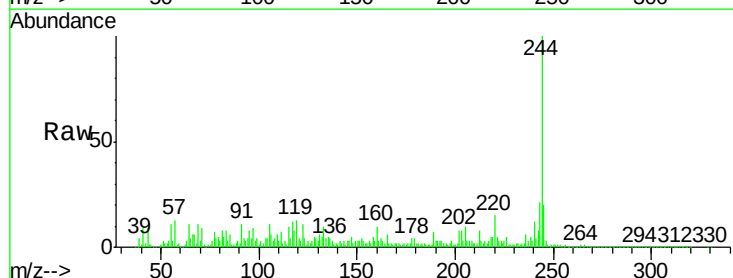
Tgt Ion:244 Resp: 316670

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

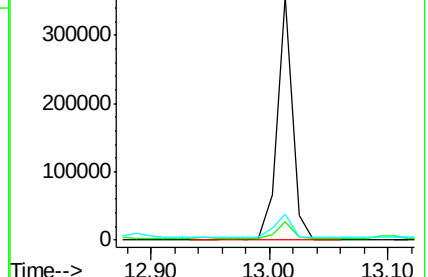
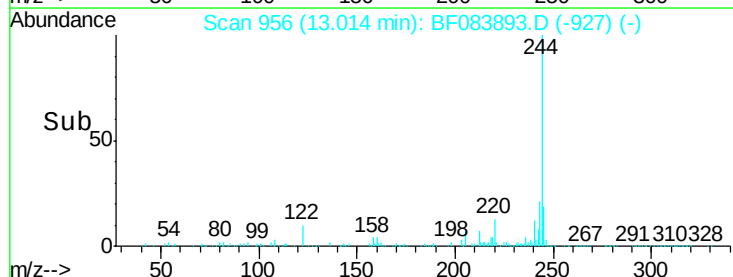
122 10.8 7.4 11.0

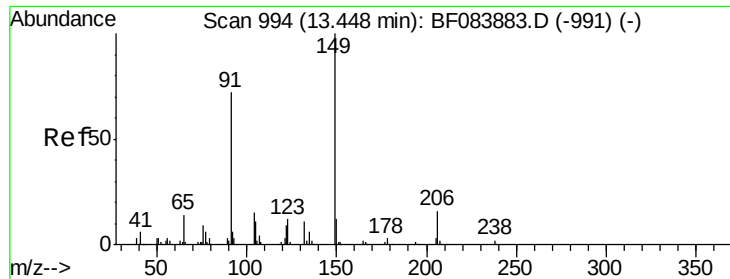


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

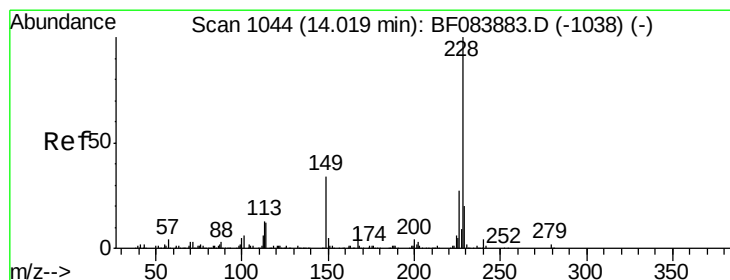
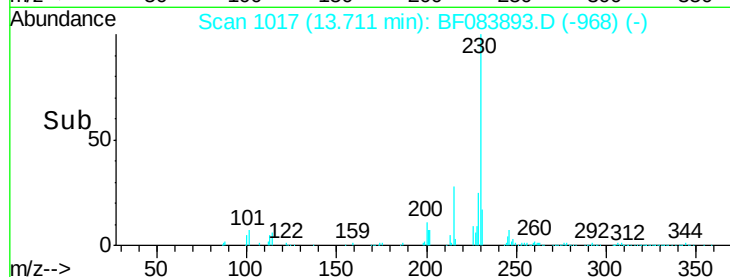
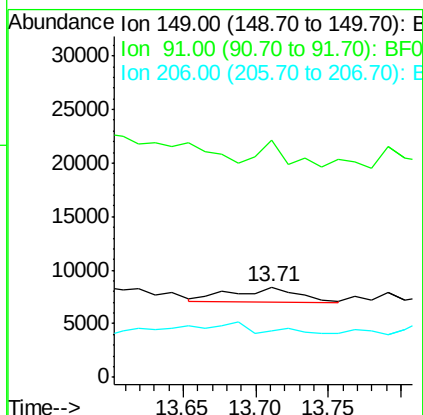
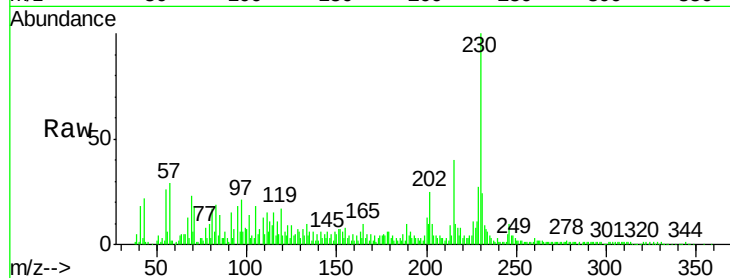




#79
Butylbenzylphthalate
Concen: 8.77 ng
RT: 13.71 min Scan# 1017
Delta R.T. 0.26 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

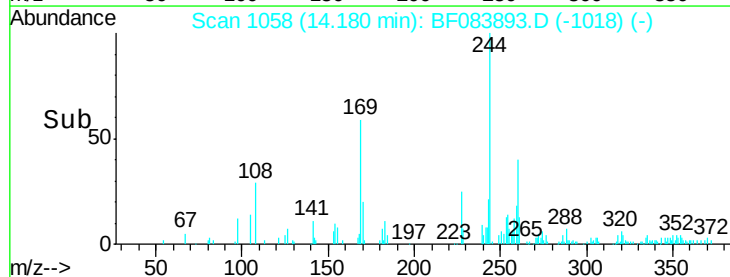
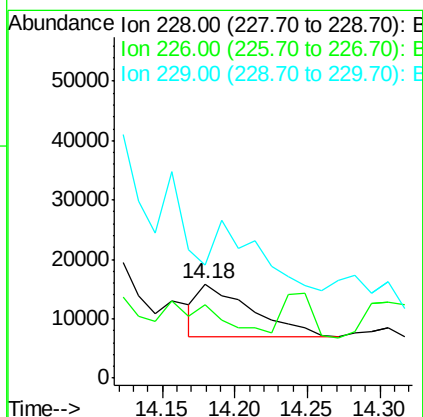
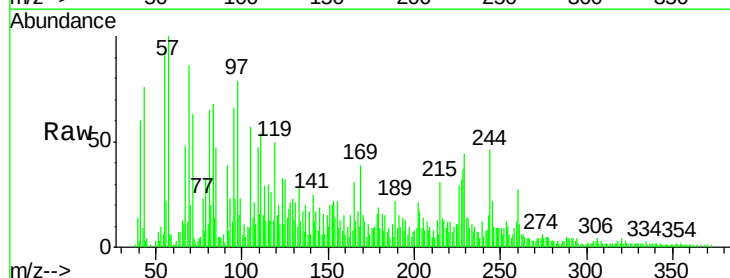
Instrument :
BNA_F
ClientSampleId :
K212-(8-10)

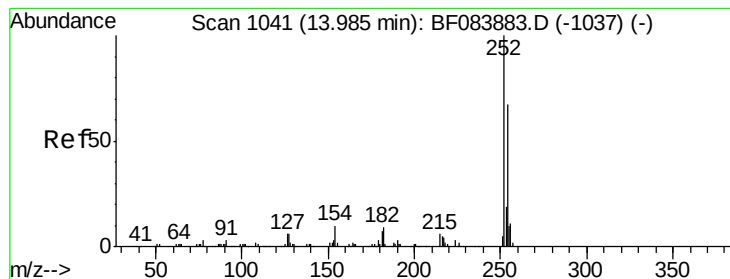
Tgt Ion:149 Resp: 4505
Ion Ratio Lower Upper
149 100
91 262.4 57.6 86.4#
206 51.2 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 23.65 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.16 min
Lab File: BF083893.D
Acq: 18 Dec 2015 3:24

Tgt Ion:228 Resp: 22435
Ion Ratio Lower Upper
228 100
226 77.7 21.8 32.6#
229 120.1 15.8 23.8#





#81

3,3'-Dichlorobenzidine

Concen: 14.04 ng

RT: 14.19 min Scan# 1059

Delta R.T. 0.21 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

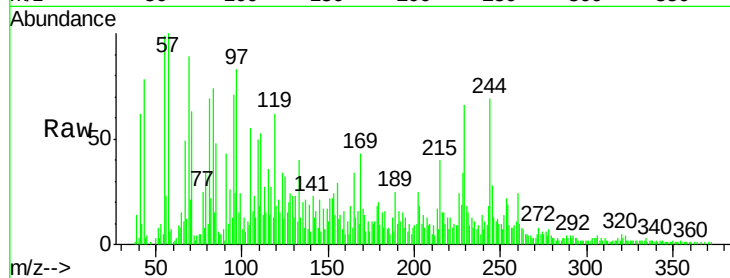
Tgt Ion:252 Resp: 4976

Ion Ratio Lower Upper

252 100

254 140.2 53.5 80.3#

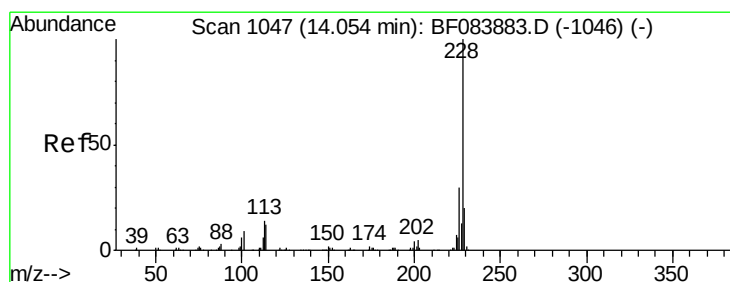
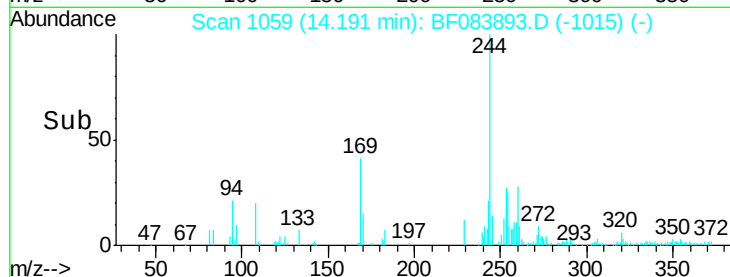
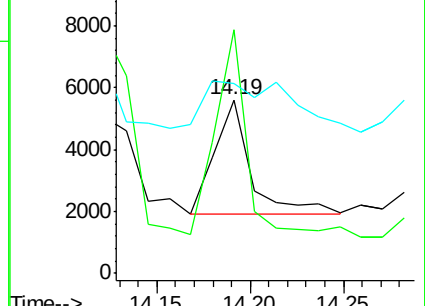
126 109.1 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 24.49 ng

RT: 14.18 min Scan# 1058

Delta R.T. 0.13 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

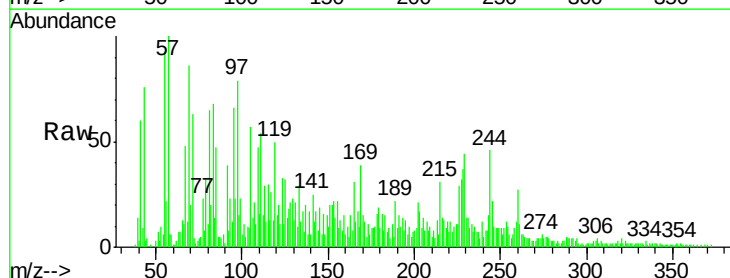
Tgt Ion:228 Resp: 22435

Ion Ratio Lower Upper

228 100

226 77.7 24.3 36.5#

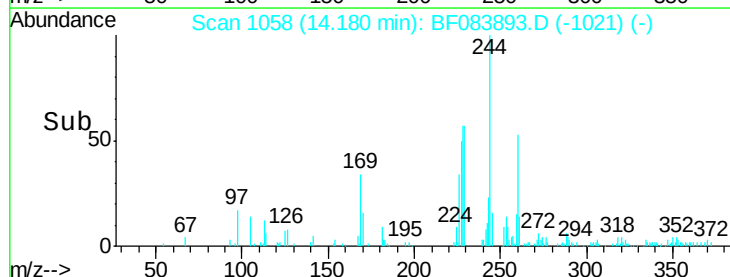
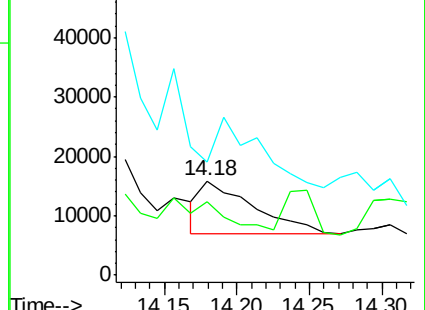
229 120.1 16.1 24.1#

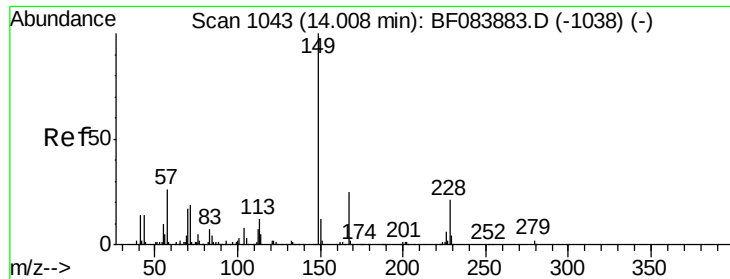


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

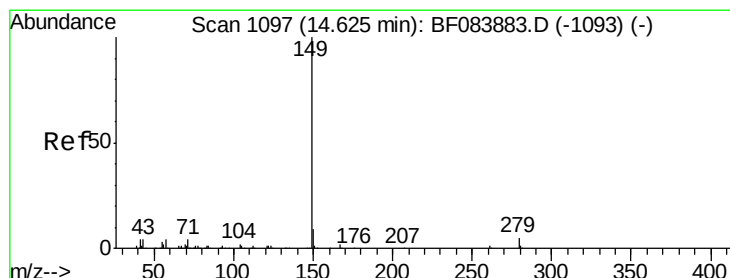
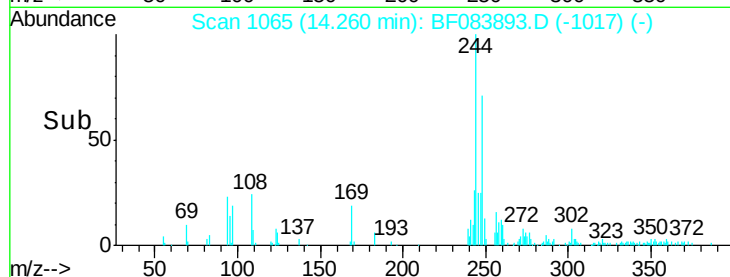
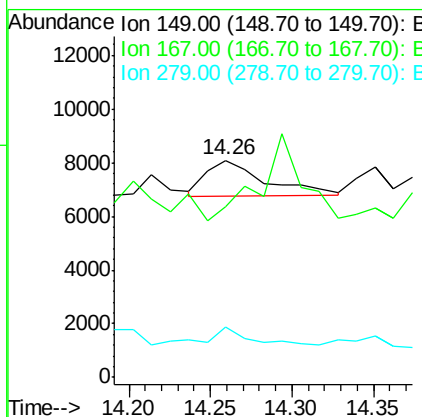
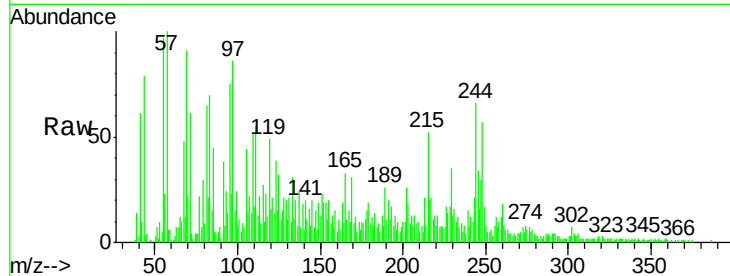




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.88 ng
 RT: 14.26 min Scan# 1065
 Delta R.T. 0.25 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

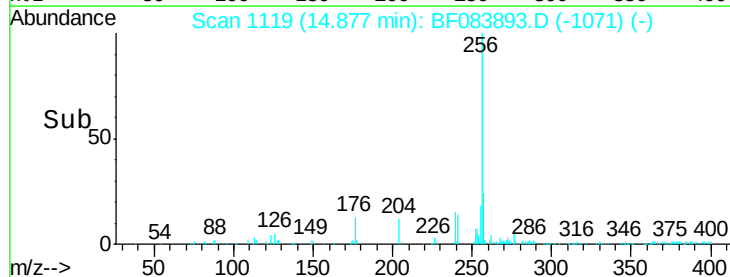
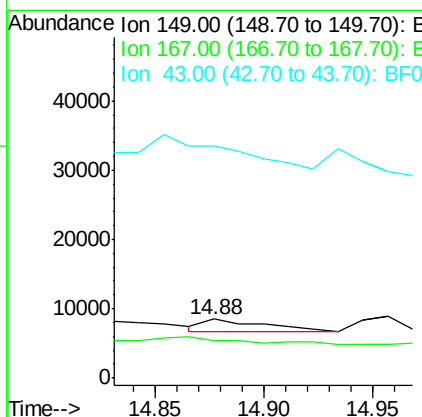
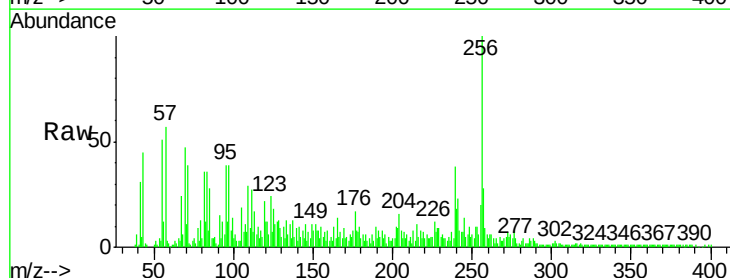
Instrument :
 BNA_F
 ClientSampleId :
 K212-(8-10)

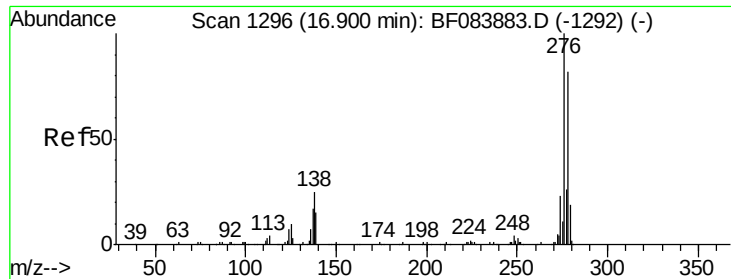
Tgt Ion:149 Resp: 3344
 Ion Ratio Lower Upper
 149 100
 167 78.6 19.7 29.5#
 279 23.1 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 3.19 ng
 RT: 14.88 min Scan# 1119
 Delta R.T. 0.25 min
 Lab File: BF083893.D
 Acq: 18 Dec 2015 3:24

Tgt Ion:149 Resp: 3420
 Ion Ratio Lower Upper
 149 100
 167 95.8 1.2 1.8#
 43 0.0 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 123.92 ng

RT: 17.39 min Scan# 1339

Delta R.T. 0.49 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

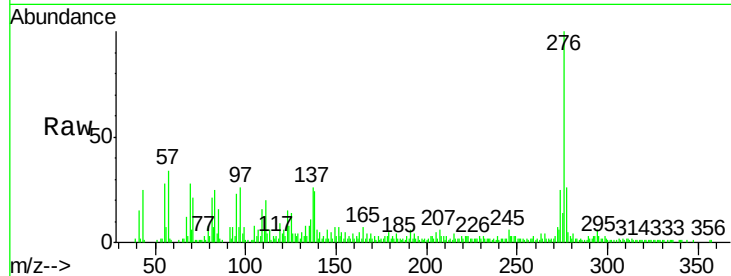
Tgt Ion:276 Resp: 84903

Ion Ratio Lower Upper

276 100

138 21.6 20.6 30.8

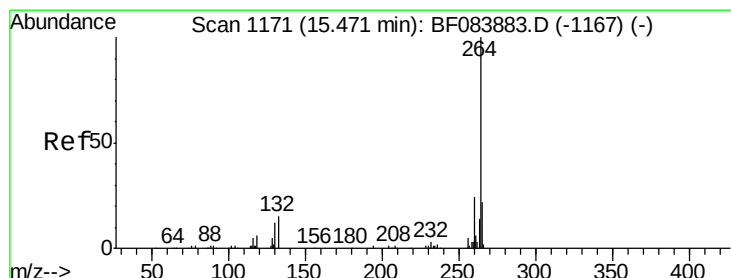
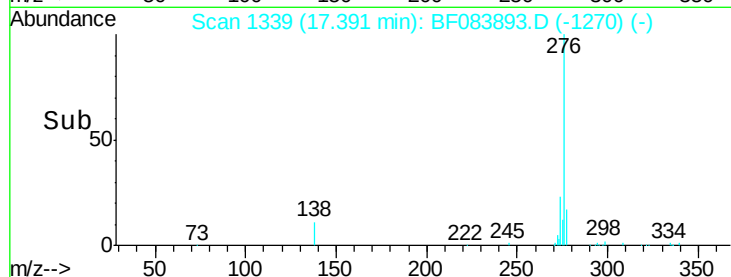
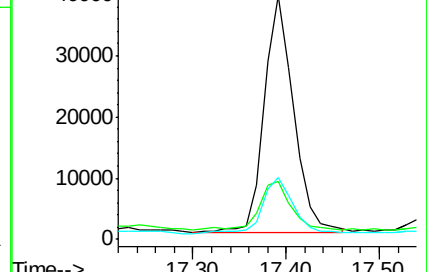
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1190

Delta R.T. 0.22 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

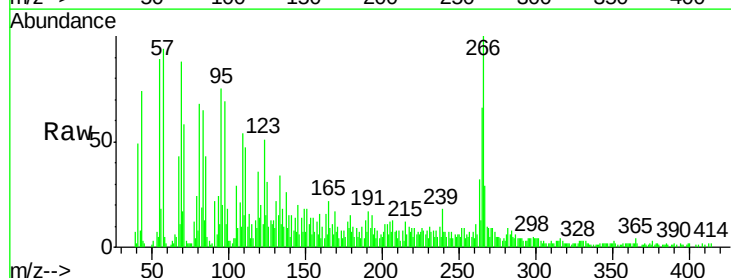
Tgt Ion:264 Resp: 4934

Ion Ratio Lower Upper

264 100

260 32.4 19.4 29.2#

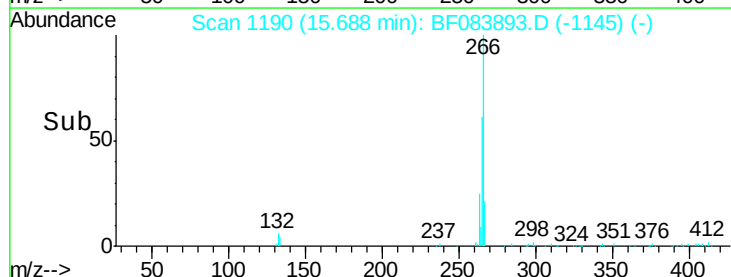
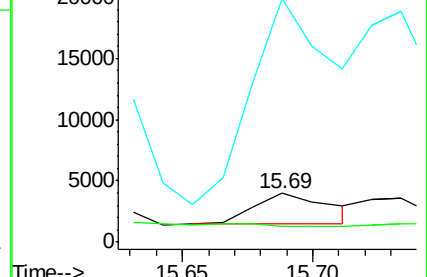
265 500.0 17.8 26.6#

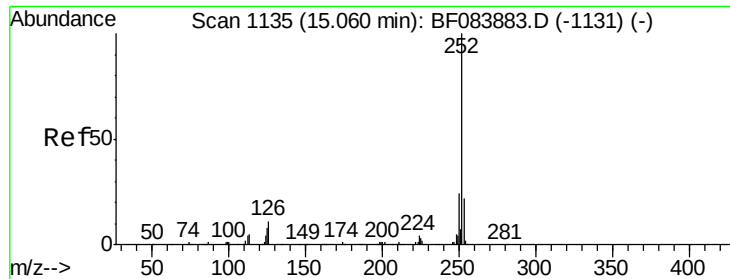


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 131.07 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.15 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

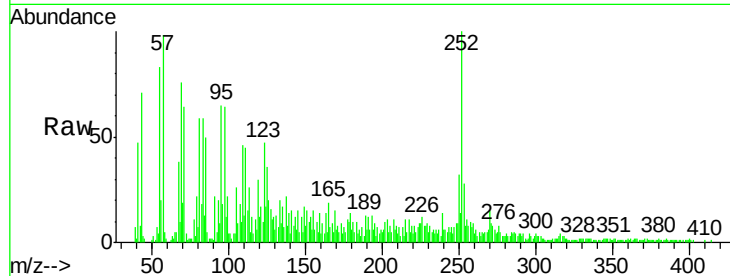
Tgt Ion:252 Resp: 47150

Ion Ratio Lower Upper

252 100

253 28.2 17.3 25.9#

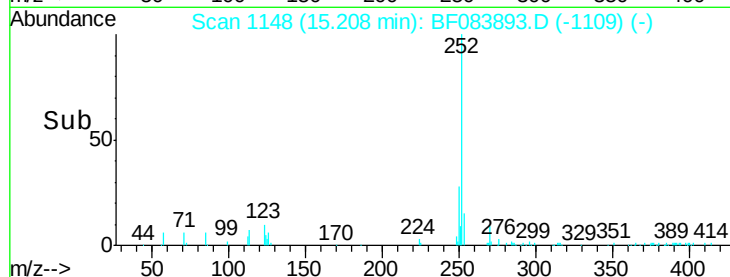
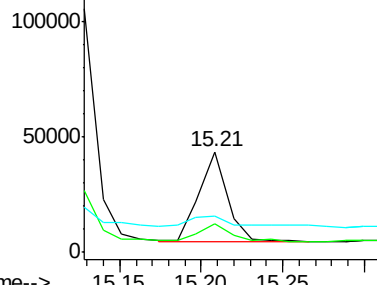
125 35.9 6.5 9.7#



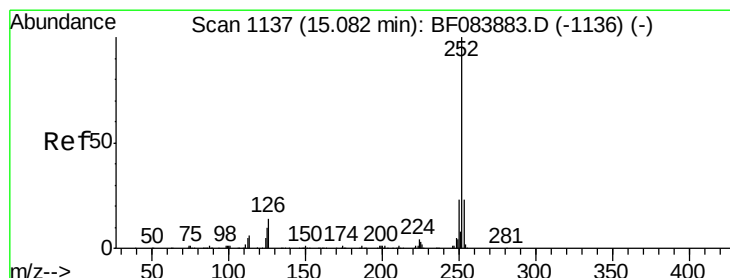
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 158.89 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.13 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

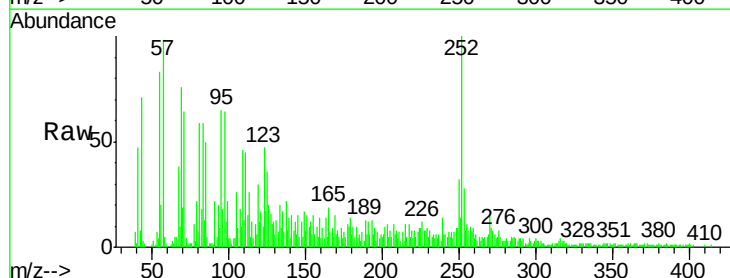
Tgt Ion:252 Resp: 47150

Ion Ratio Lower Upper

252 100

253 28.2 18.1 27.1#

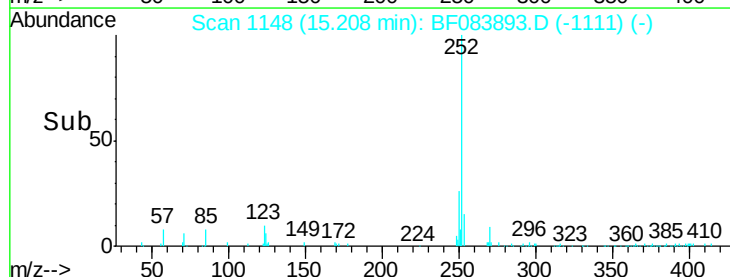
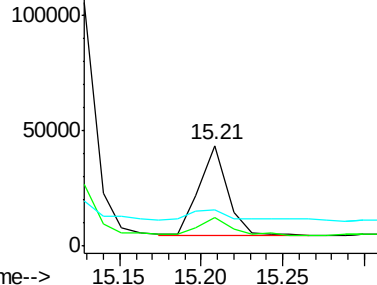
125 35.9 9.0 13.6#



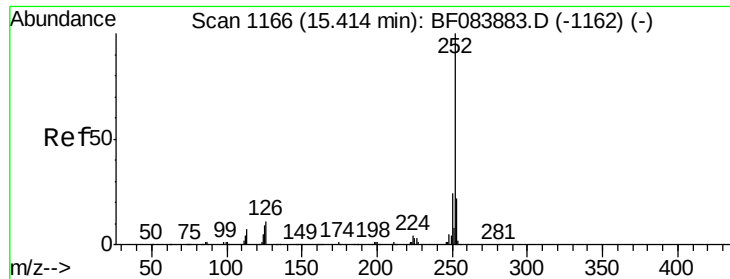
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(a)pyrene

Concen: 192.25 ng

RT: 15.55 min Scan# 1178

Delta R.T. 0.14 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

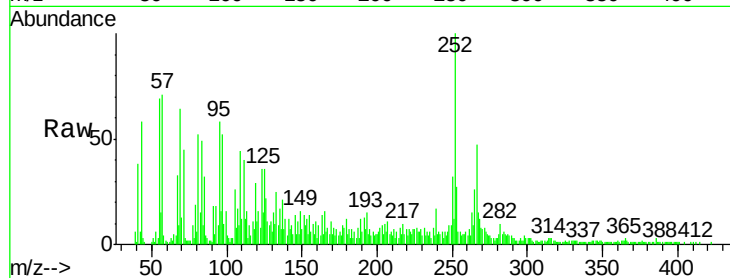
Tgt Ion:252 Resp: 57108

Ion Ratio Lower Upper

252 100

253 27.2 17.3 25.9#

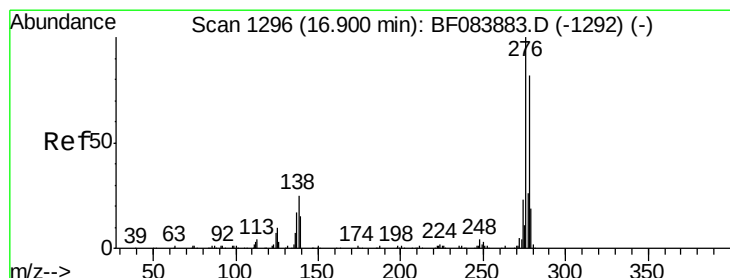
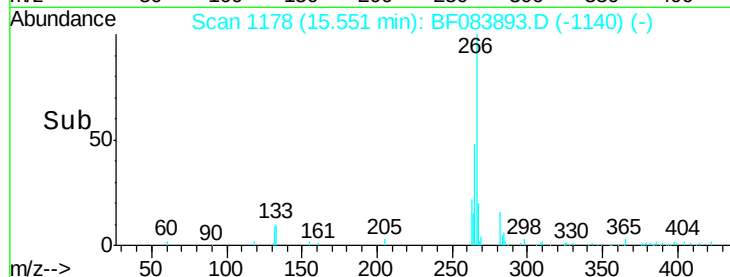
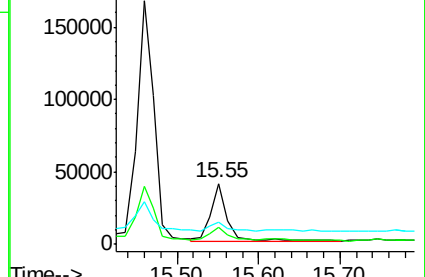
125 35.9 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 159.40 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.22 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

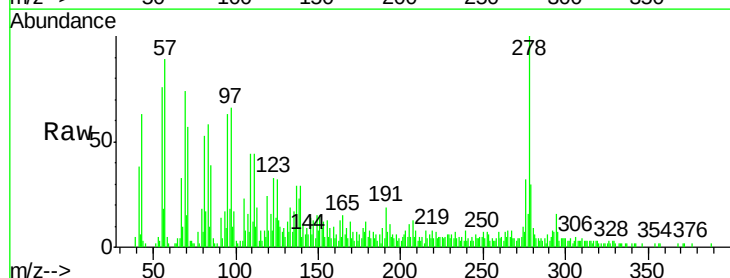
Tgt Ion:278 Resp: 36835

Ion Ratio Lower Upper

278 100

139 29.3 15.0 22.4#

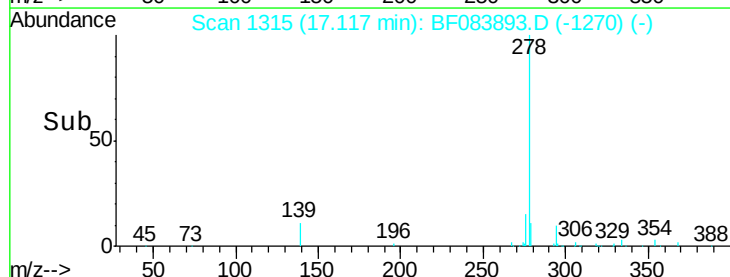
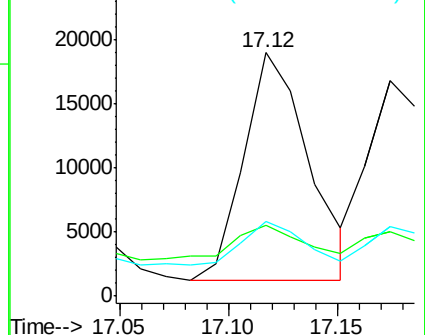
279 30.4 18.9 28.3#

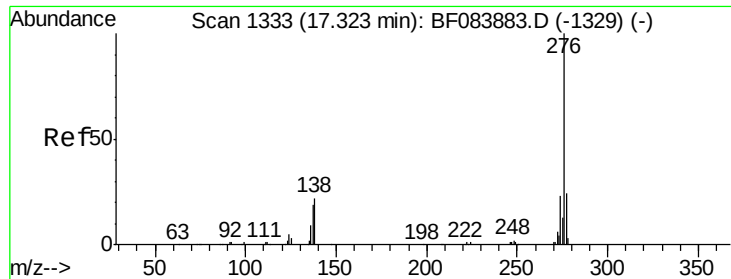


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 381.05 ng

RT: 17.39 min Scan# 1339

Delta R.T. 0.07 min

Lab File: BF083893.D

Acq: 18 Dec 2015 3:24

Instrument :

BNA_F

ClientSampleId :

K212-(8-10)

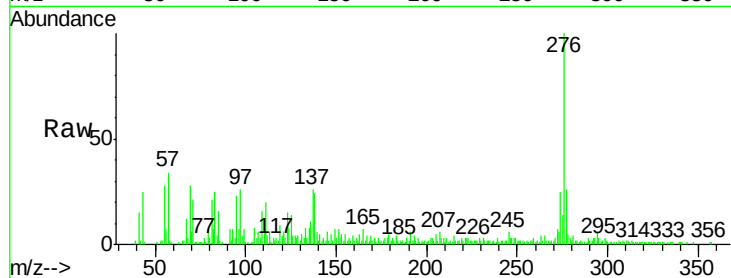
Tgt Ion: 276 Resp: 86300

Ion Ratio Lower Upper

276 100

277 25.5 18.8 28.2

138 23.7 17.8 26.6



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

