

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083892.D
 Acq On : 18 Dec 2015 2:56
 Operator : UM/SJ
 Sample : G4680-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K212-(0-2)

Quant Time: Dec 18 05:47:09 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	6.88	152	59285	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	238110	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	106219	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	182439	20.00	ng	0.00
75) Chrysene-d12	14.03	240	123577	20.00	ng	0.00
86) Perylene-d12	15.47	264	126809	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	425200	112.24	ng	0.01
7) Phenol-d6	6.51	99	461489	99.52	ng	0.00
23) Nitrobenzene-d5	7.44	82	300491	72.02	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	126487	108.09	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	517599	66.05	ng	-0.01
78) Terphenyl-d14	12.98	244	409925	76.96	ng	0.00

Target Compounds

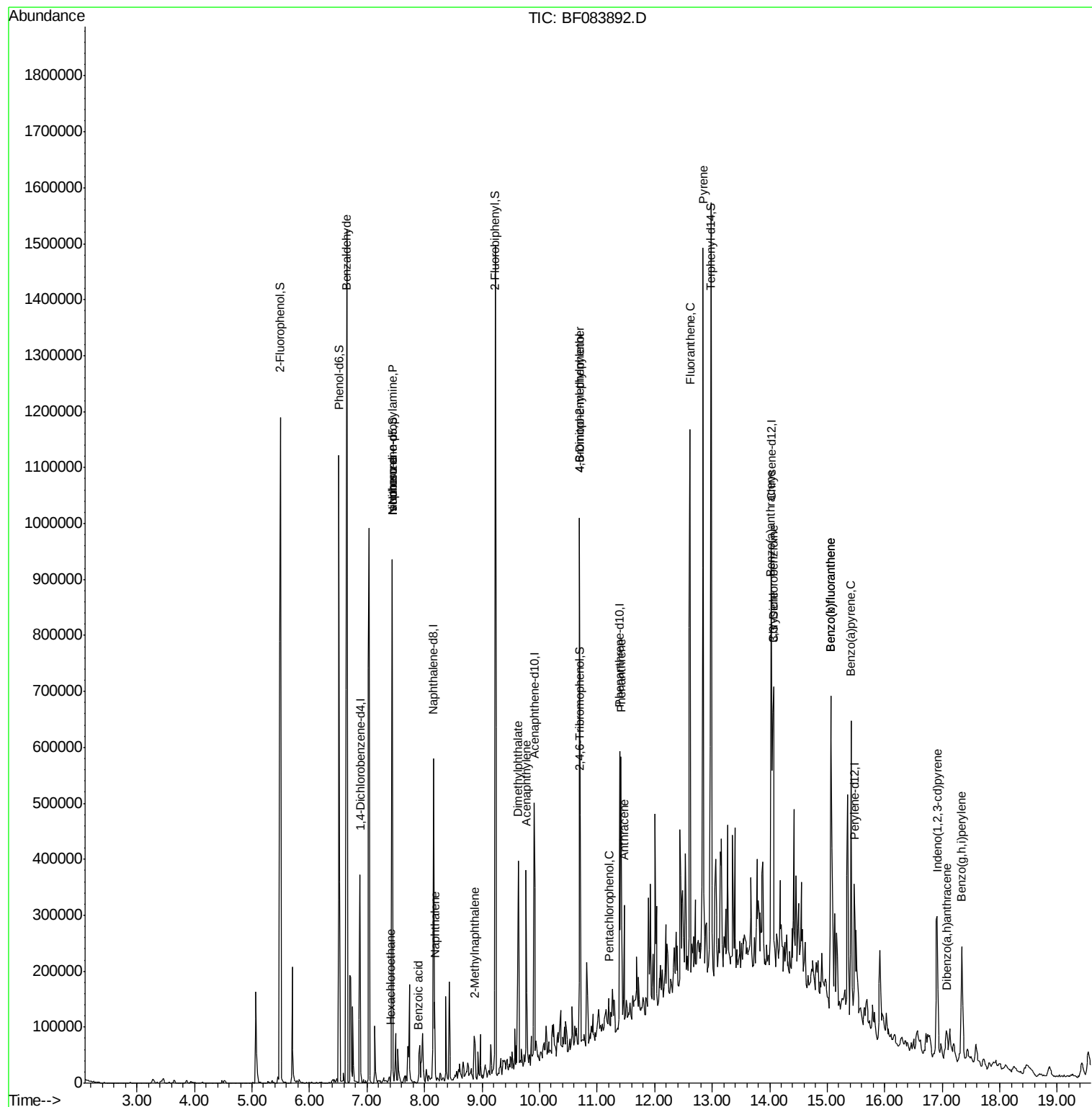
						Qvalue
9) Benzaldehyde	6.65	77	10921	3.91	ng	91
18) Hexachloroethane	7.41	117	8331	4.59	ng	# 17
19) n-Nitroso-di-n-propylamine	7.44	70	43240	16.00	ng	# 75
25) Isophorone	7.44	82	246541	31.41	ng	# 66
31) Naphthalene	8.18	128	56170	2.61	ng	98
32) Benzoic acid	7.89	122	2548	3.94	ng	# 82
36) 4-Chloro-3-methylphenol	8.72	107	479	Below Cal	#	1
37) 2-Methylnaphthalene	8.88	142	20412	2.47	ng	94
45) 1,1'-Biphenyl	9.33	154	4788	Below Cal		95
46) 2-Chloronaphthalene	9.41	162	472	Below Cal	#	33
48) Acenaphthylene	9.77	152	153383	12.39	ng	99
49) Dimethylphthalate	9.63	163	134529	15.09	ng	99
57) Fluorene	10.46	166	15626	Below Cal	#	64
64) 4,6-Dinitro-2-methylphenol	10.69	198	236	4.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	8339	3.74	ng	# 1
69) Pentachlorophenol	11.21	266	582	5.27	ng	96
70) Phenanthrene	11.41	178	193360	17.54	ng	99
71) Anthracene	11.47	178	89490	8.40	ng	98
74) Fluoranthene	12.61	202	481096	43.74	ng	94
77) Pyrene	12.84	202	635435	72.86	ng	100
80) Benzo(a)anthracene	14.02	228	313832	41.31	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	8438	2.97	ng	# 8
82) Chrysene	14.07	228	254286	34.65	ng	97
85) Indeno(1,2,3-cd)pyrene	16.91	276	166145	30.27	ng	94
87) Benzo(b)fluoranthene	15.06	252	414089	44.79	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	414089	54.29	ng	99
89) Benzo(a)pyrene	15.41	252	238624	31.26	ng	# 94
90) Dibenzo(a,h)anthracene	17.08	278	34132	5.75	ng	93
91) Benzo(g,h,i)perylene	17.33	276	180893	31.08	ng	100

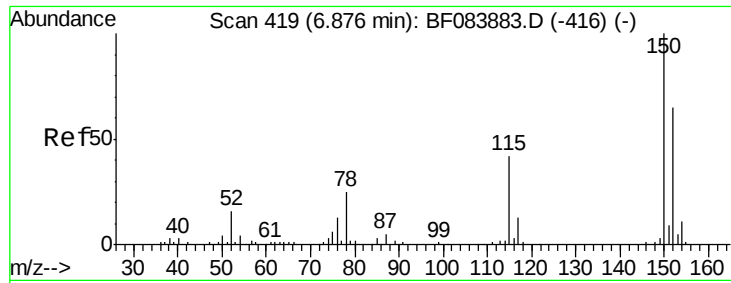
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
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QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

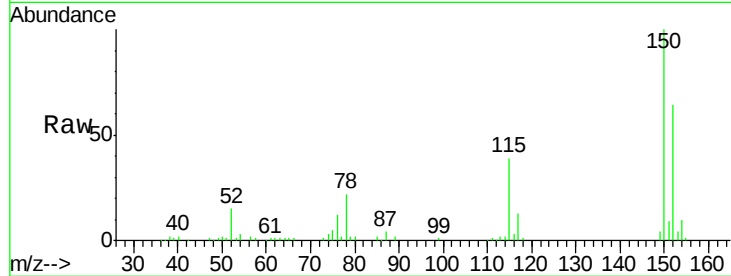
Tgt Ion:152 Resp: 59285

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

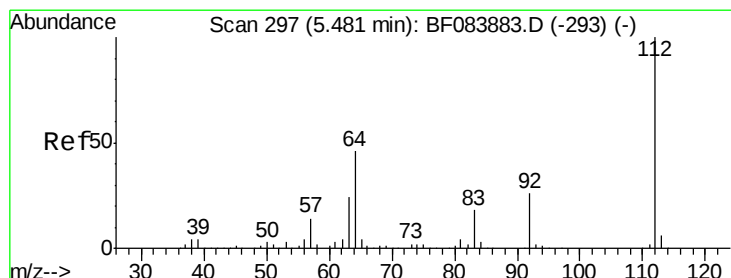
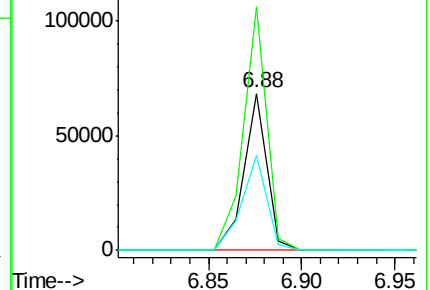
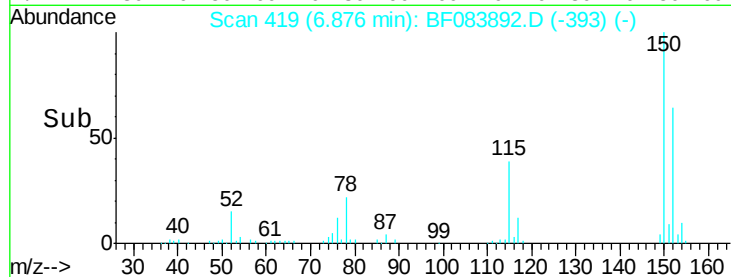
115 60.8 51.4 77.2



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



#5

2-Fluorophenol

Concen: 112.24 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

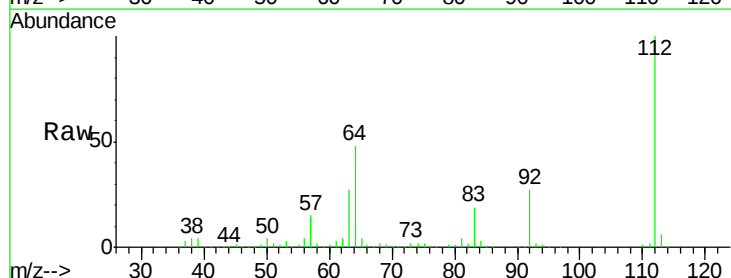
Tgt Ion:112 Resp: 425200

Ion Ratio Lower Upper

112 100

64 48.4 36.6 55.0

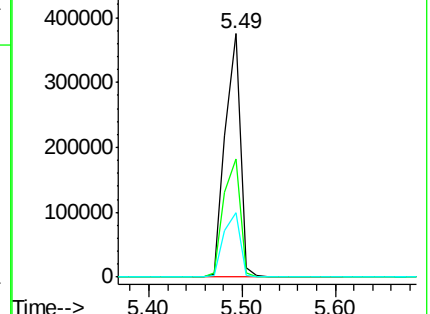
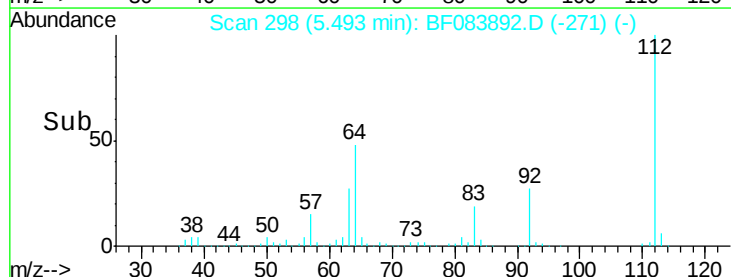
63 26.7 19.4 29.0

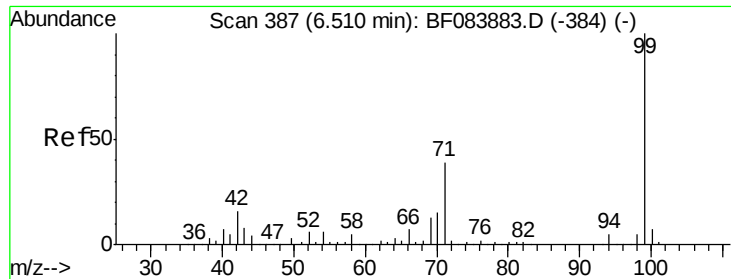


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.52 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

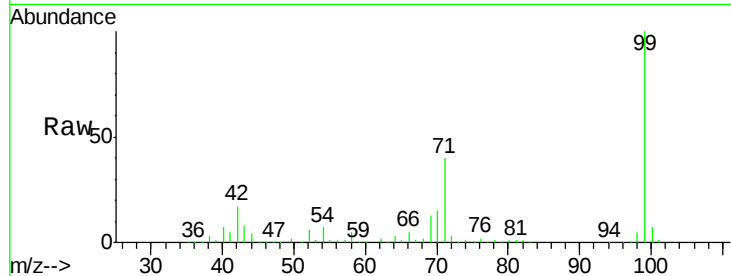
Tgt Ion: 99 Resp: 461489

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

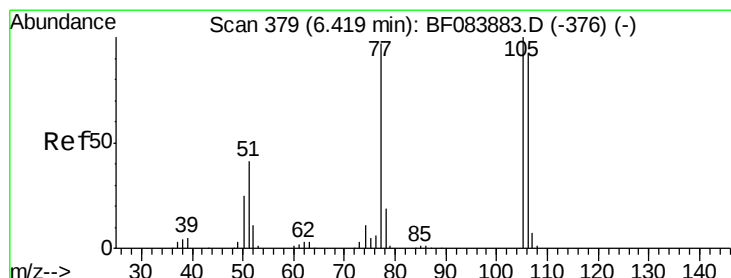
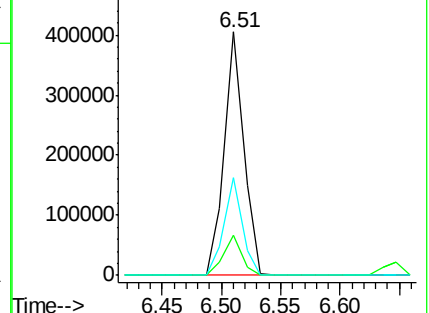
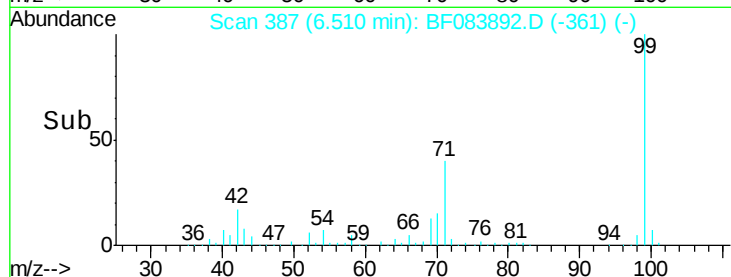
71 40.4 30.9 46.3



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: 3.91 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

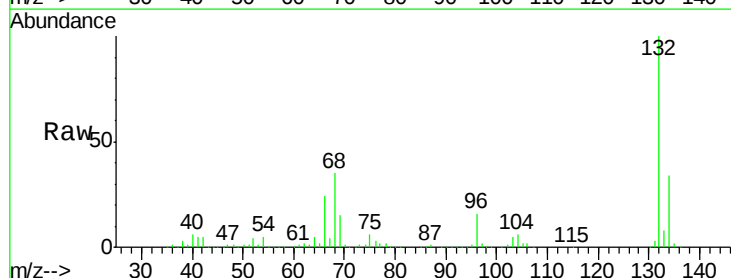
Tgt Ion: 77 Resp: 10921

Ion Ratio Lower Upper

77 100

105 86.2 83.0 123.0

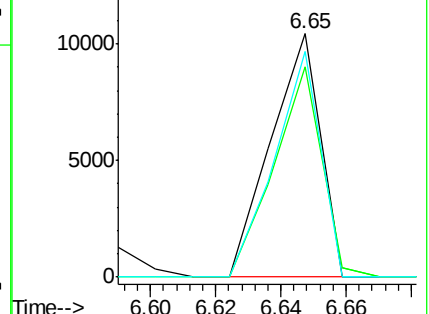
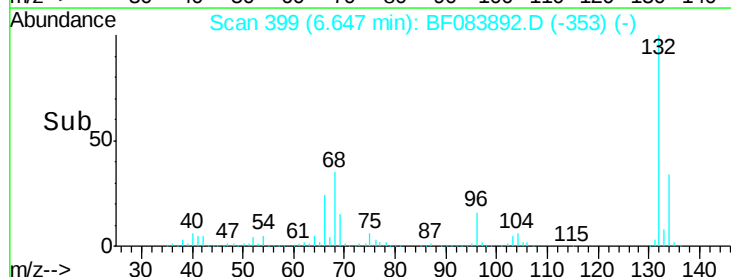
106 92.9 74.6 114.6

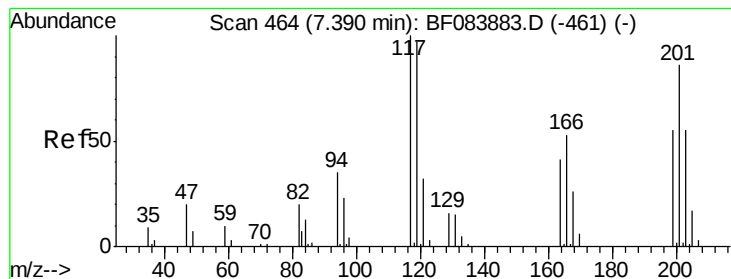


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#18

Hexachloroethane

Concen: 4.59 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.02 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

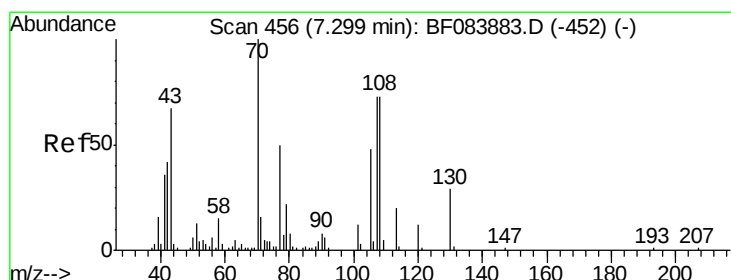
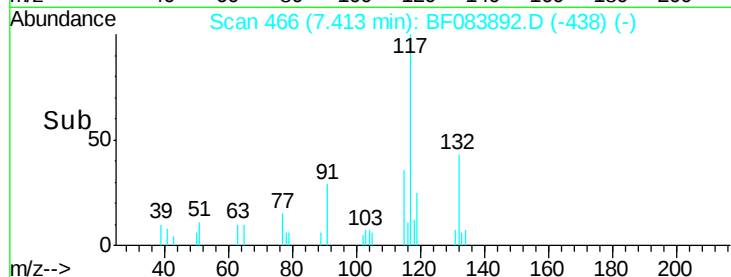
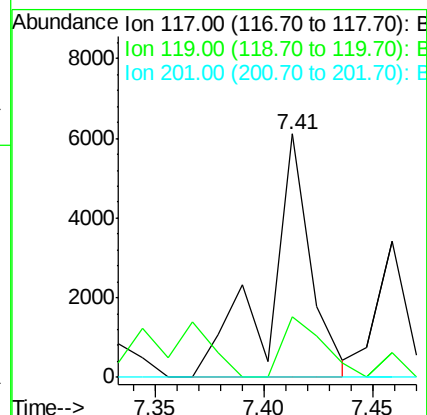
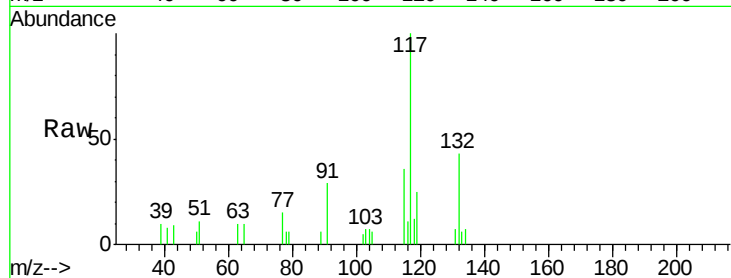
Tgt Ion: 117 Resp: 8331

Ion Ratio Lower Upper

117 100

119 25.1 77.4 116.0#

201 0.0 68.6 103.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.00 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Tgt Ion: 70 Resp: 43240

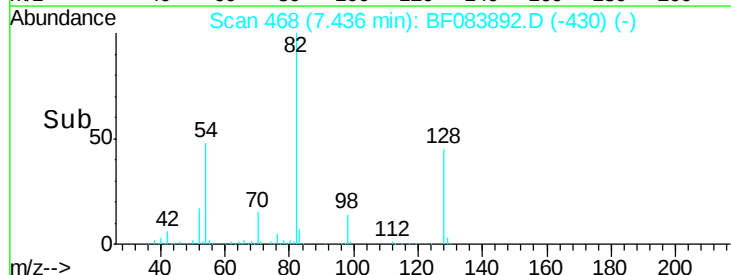
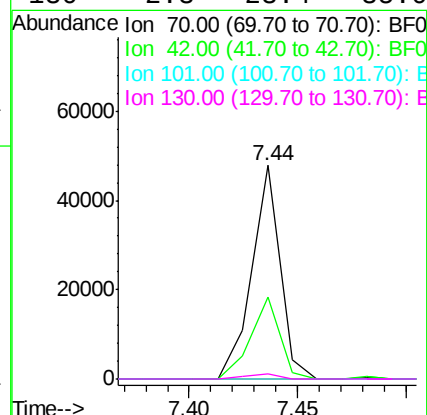
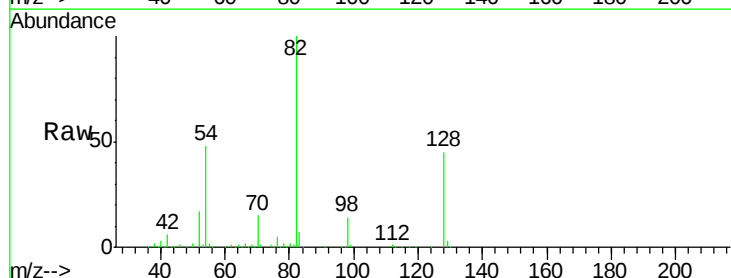
Ion Ratio Lower Upper

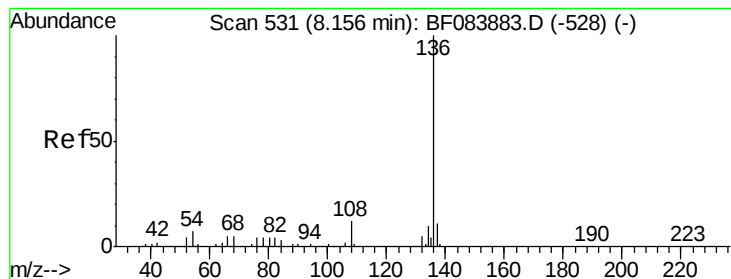
70 100

42 38.1 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

Tgt Ion: 136 Resp: 238110

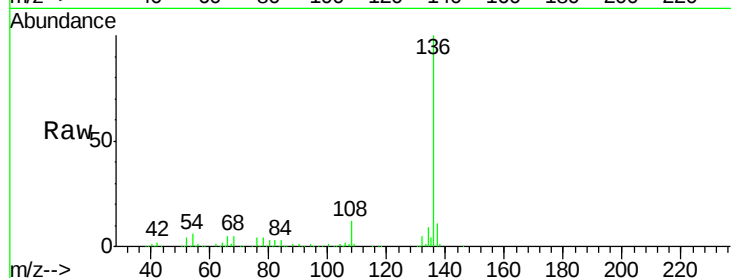
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.3 5.8 8.8

68 4.5 4.2 6.2

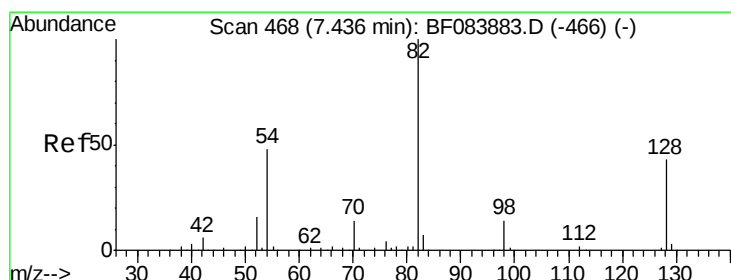
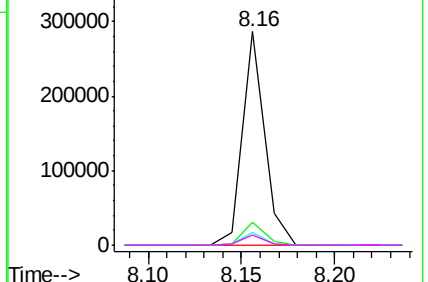
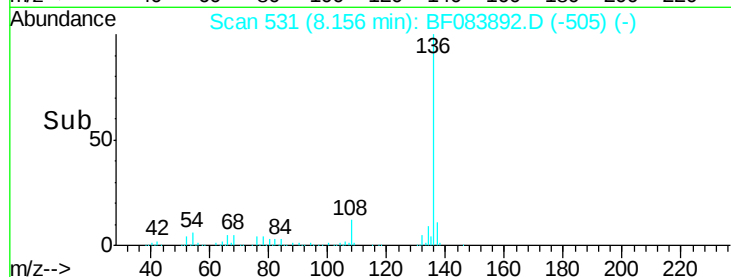


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 72.02 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

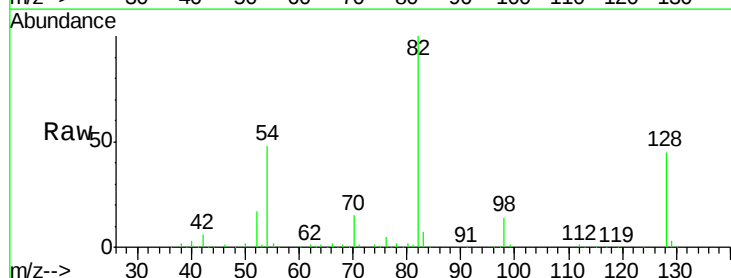
Tgt Ion: 82 Resp: 300491

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

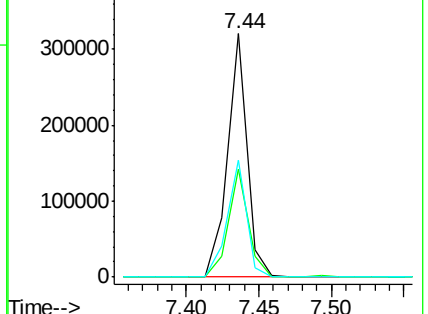
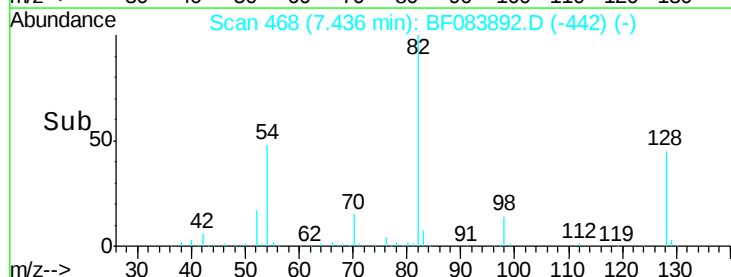
54 47.8 38.4 57.6

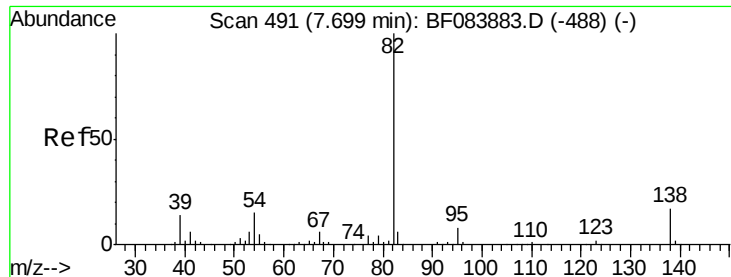


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.41 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.26 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

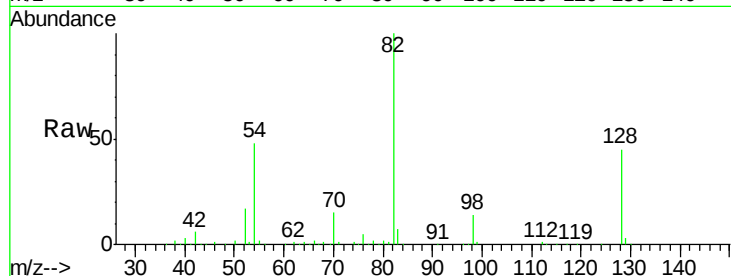
Tgt Ion: 82 Resp: 246541

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

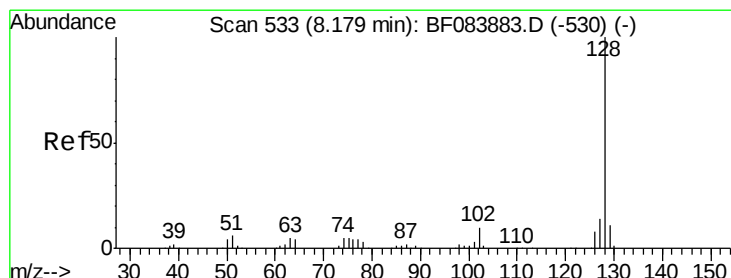
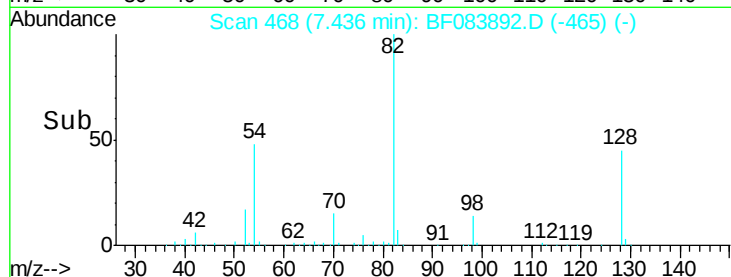
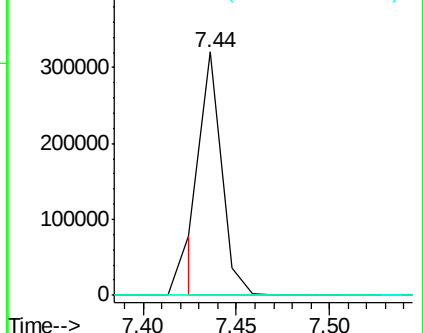
138 0.0 13.6 20.4#



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): E



#31

Naphthalene

Concen: 2.61 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

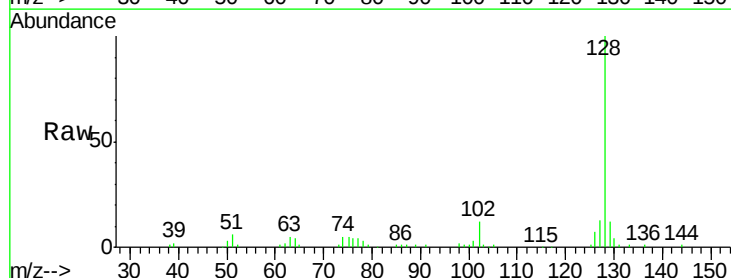
Tgt Ion: 128 Resp: 56170

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

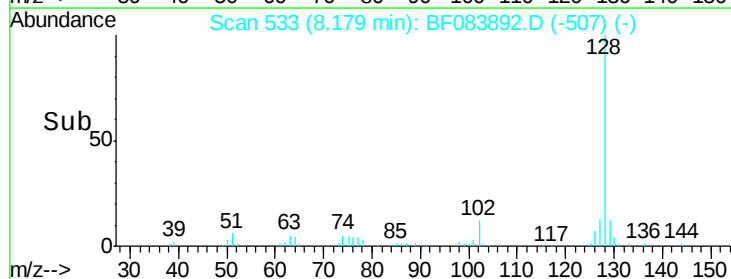
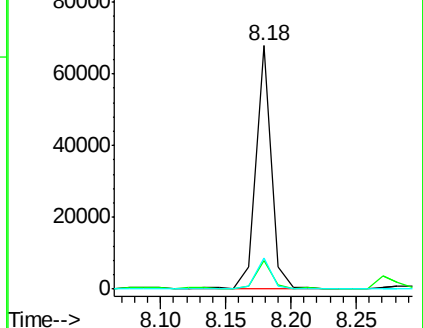
127 12.9 11.1 16.7

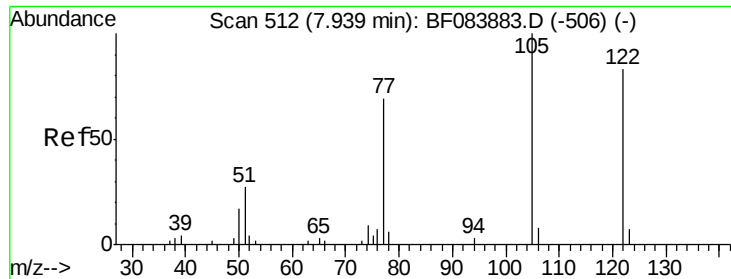


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

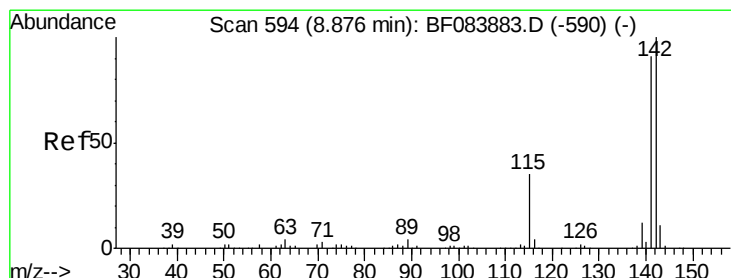
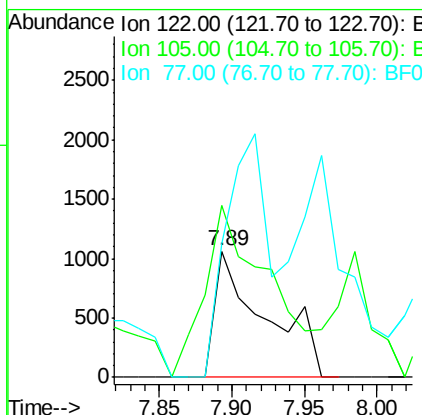
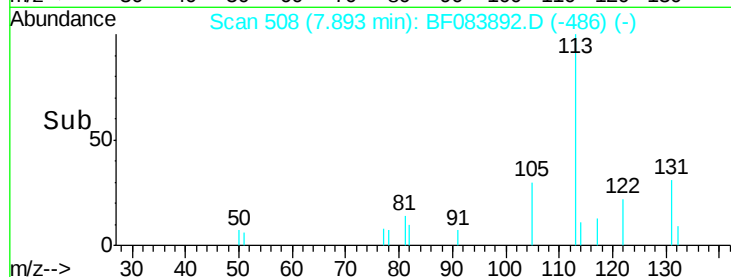
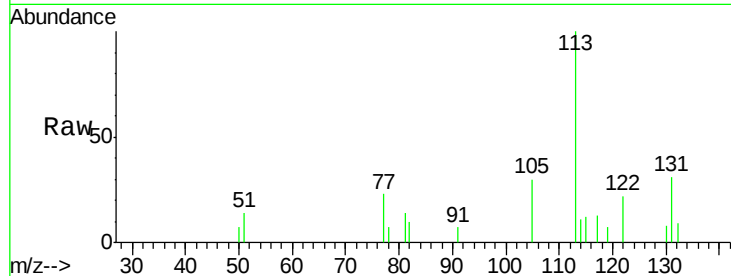




#32
Benzoic acid
Concen: 3.94 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.04 min
Lab File: BF083892.D
Acq: 18 Dec 2015 2:56

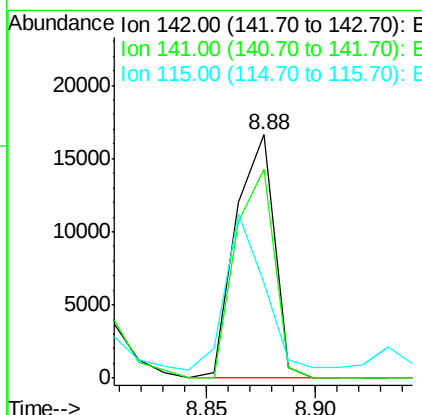
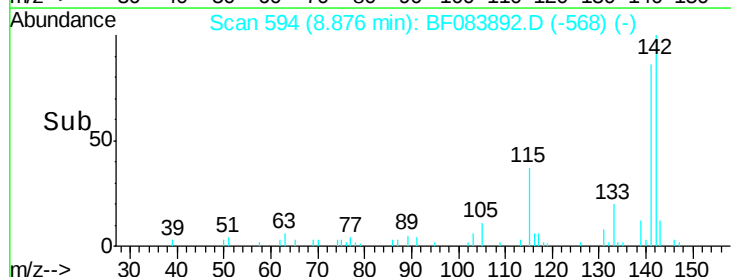
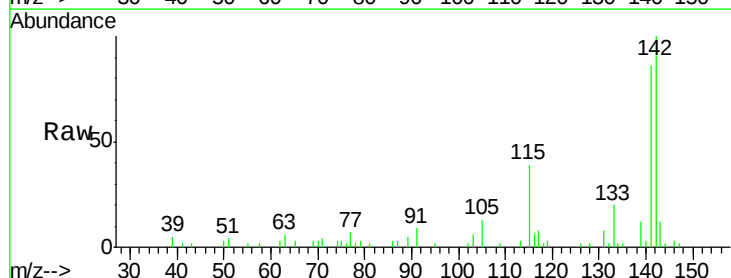
Instrument :
BNA_F
ClientSampleId :
K212-(0-2)

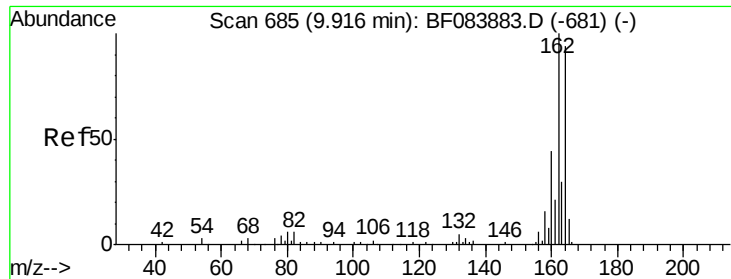
Tgt Ion:122 Resp: 2548
Ion Ratio Lower Upper
122 100
105 136.2 100.3 140.3
77 105.5 63.5 103.5#



#37
2-Methylnaphthalene
Concen: 2.47 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF083892.D
Acq: 18 Dec 2015 2:56

Tgt Ion:142 Resp: 20412
Ion Ratio Lower Upper
142 100
141 85.9 72.4 108.6
115 39.2 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

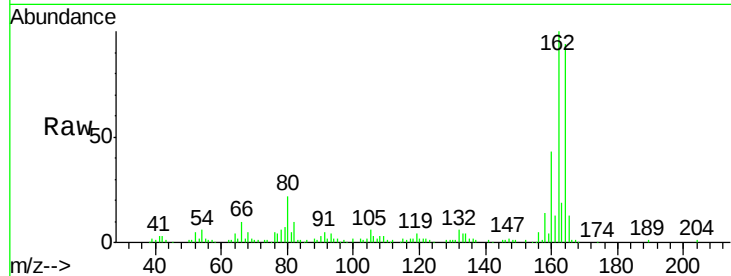
Tgt Ion:164 Resp: 106219

Ion Ratio Lower Upper

164 100

162 106.4 85.1 127.7

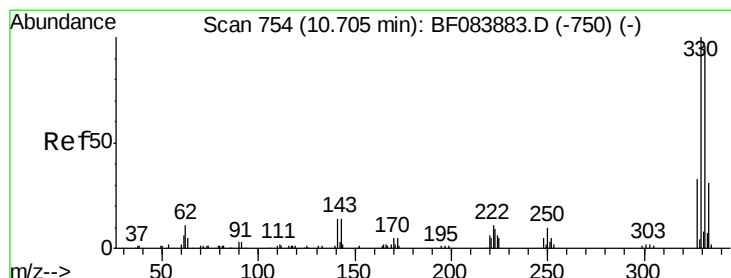
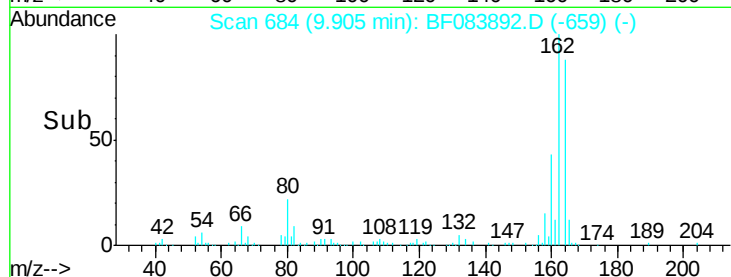
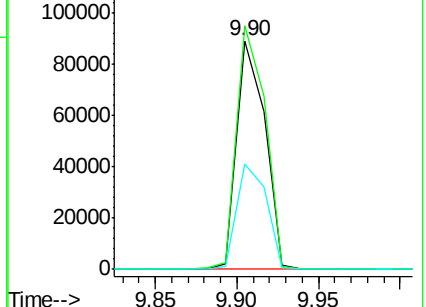
160 45.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 108.09 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

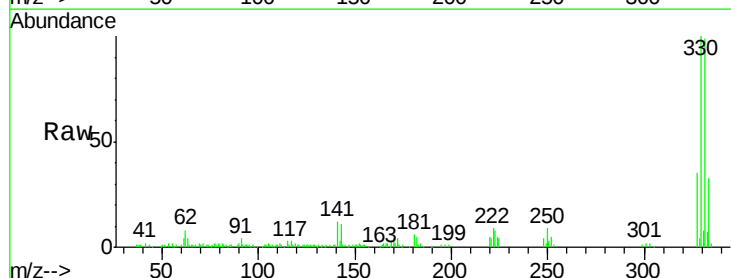
Tgt Ion:330 Resp: 126487

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

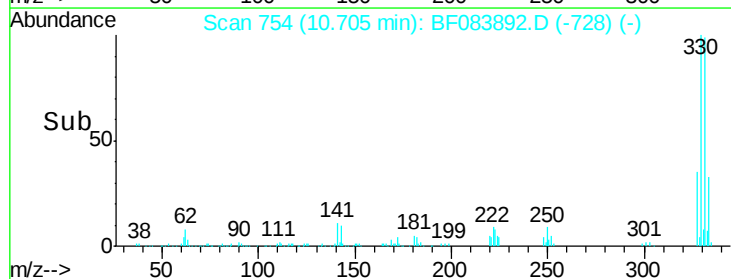
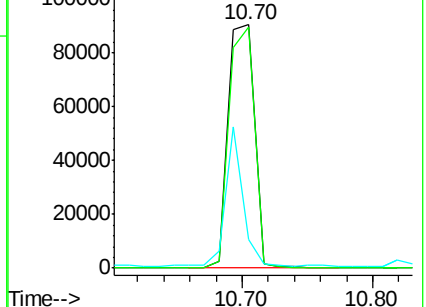
141 40.6 27.8 41.6

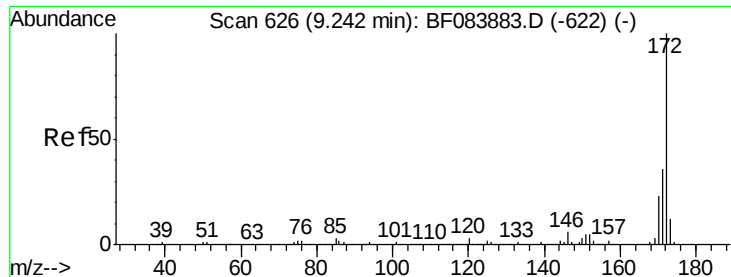


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

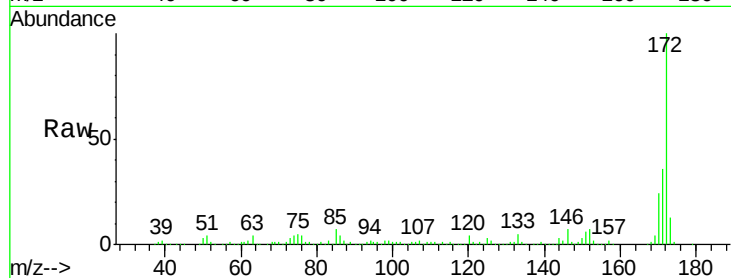




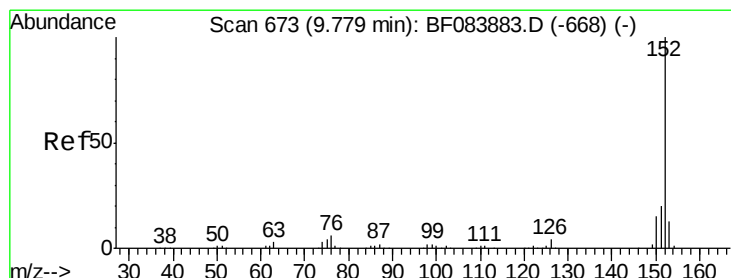
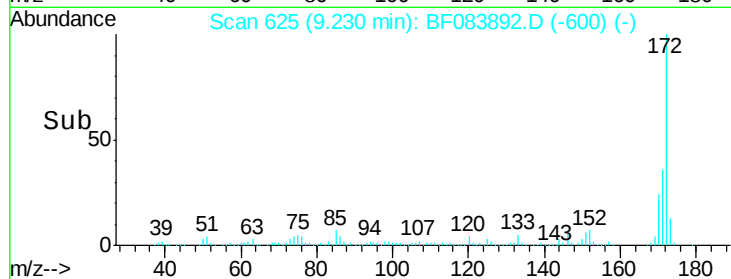
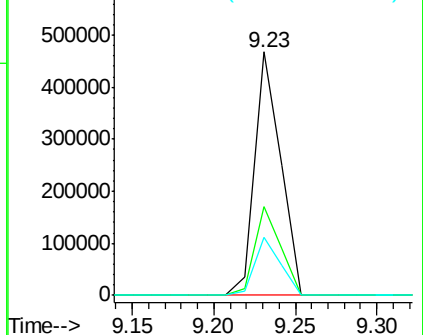
#44
2-Fluorobiphenyl
Concen: 66.05 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF083892.D
Acq: 18 Dec 2015 2:56

Instrument :
BNA_F
ClientSampleId :
K212-(0-2)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.8	18.6	27.8

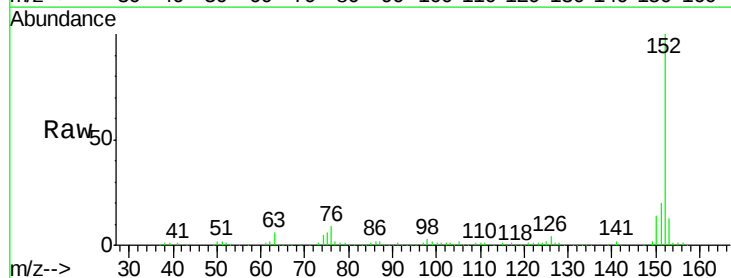


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

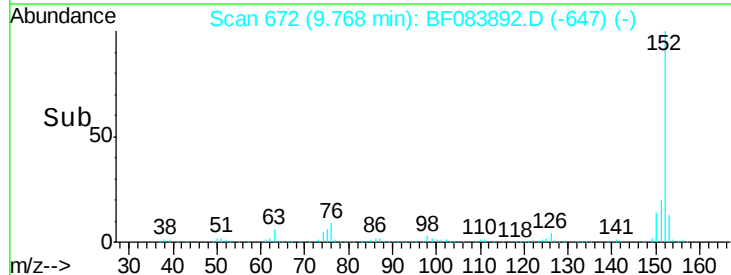
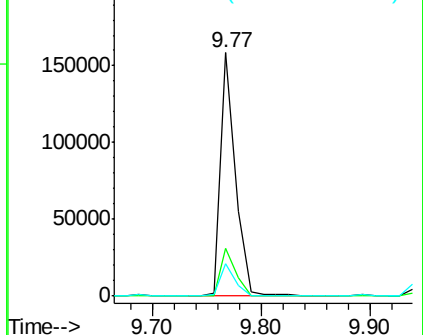


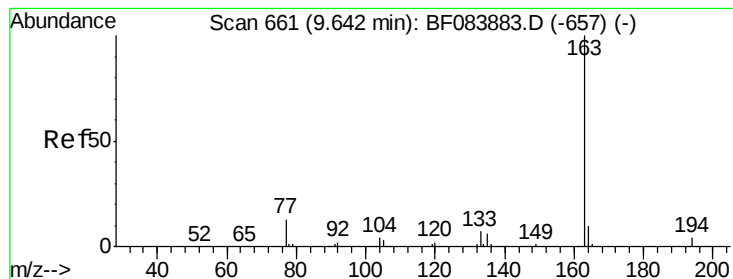
#48
Acenaphthylene
Concen: 12.39 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083892.D
Acq: 18 Dec 2015 2:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.2	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: 15.09 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

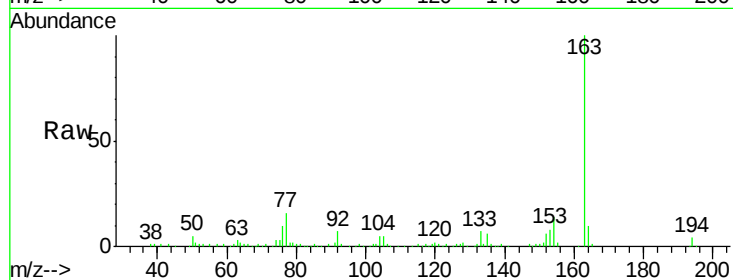
Tgt Ion:163 Resp: 134529

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

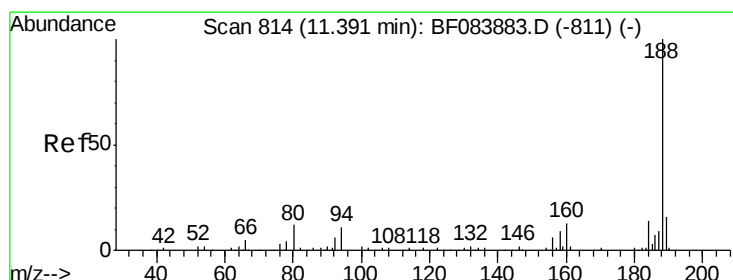
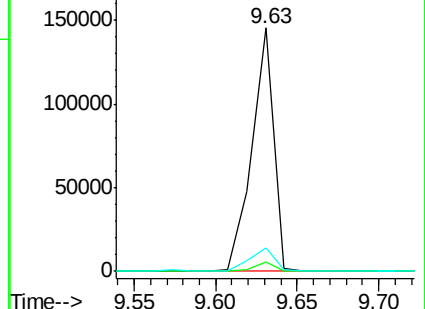
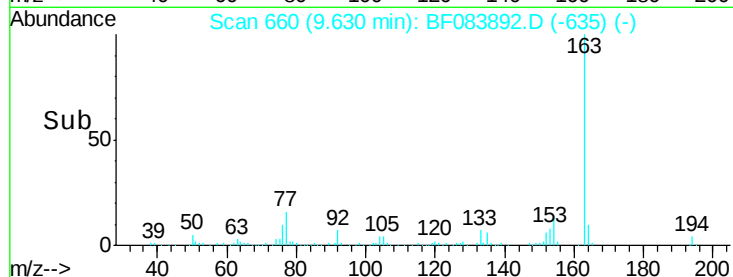
164 9.6 7.9 11.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

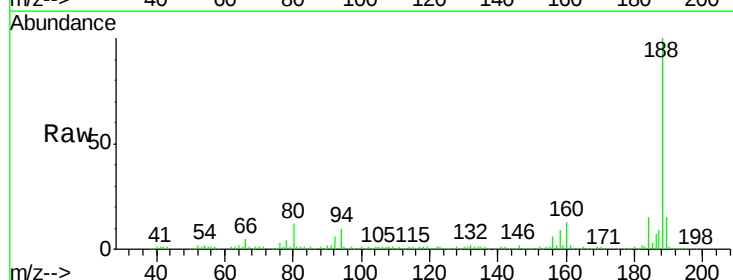
Tgt Ion:188 Resp: 182439

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

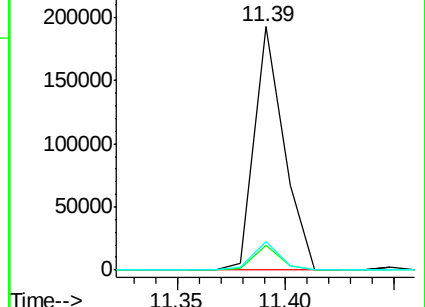
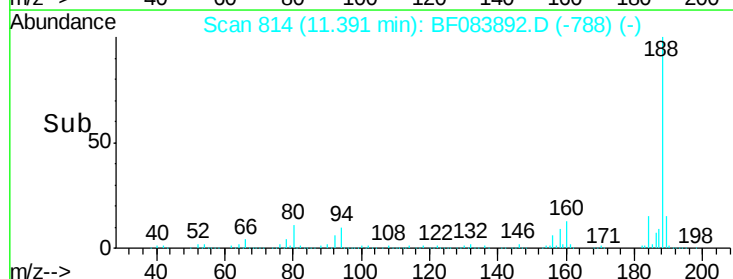
80 11.6 9.6 14.4

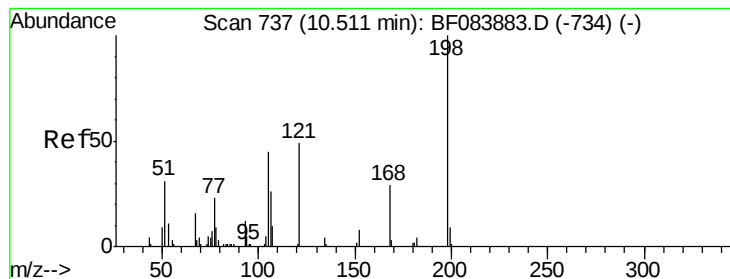


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.12 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.18 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

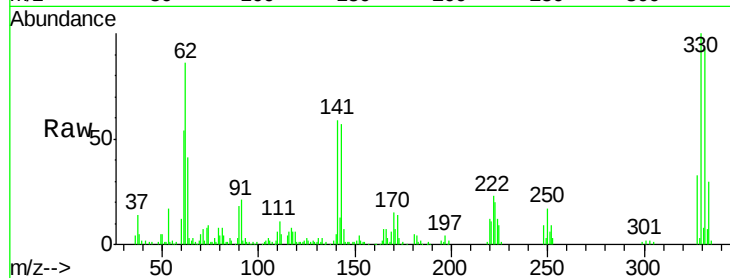
Tgt Ion:198 Resp: 236

Ion Ratio Lower Upper

198 100

51 344.8 18.9 58.9#

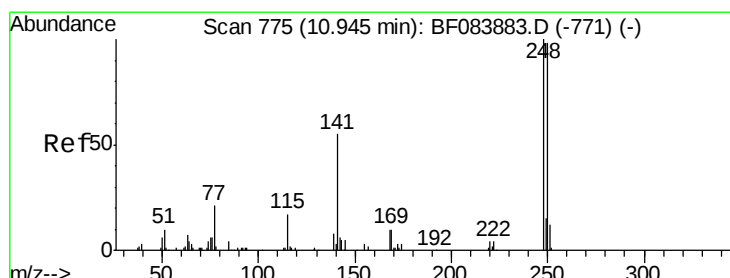
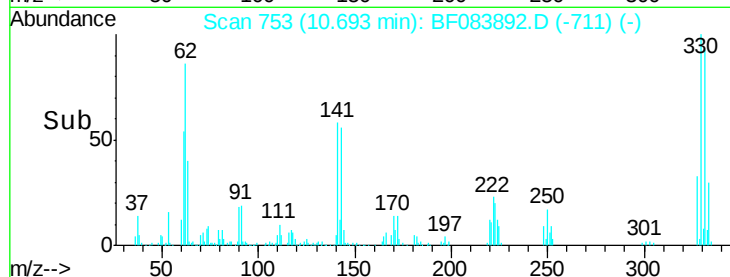
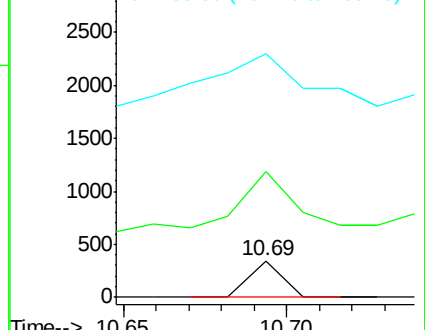
105 668.0 26.4 66.4#



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



#66

4-Bromophenyl-phenylether

Concen: 3.74 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.25 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

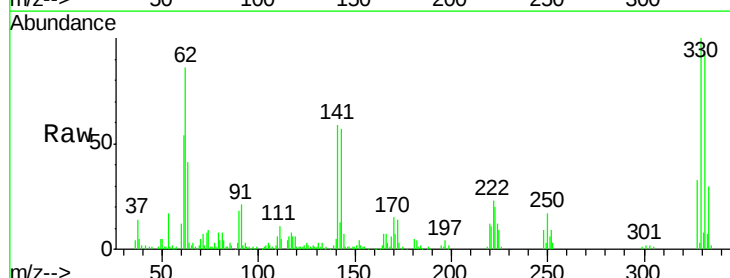
Tgt Ion:248 Resp: 8339

Ion Ratio Lower Upper

248 100

250 194.3 78.4 117.6#

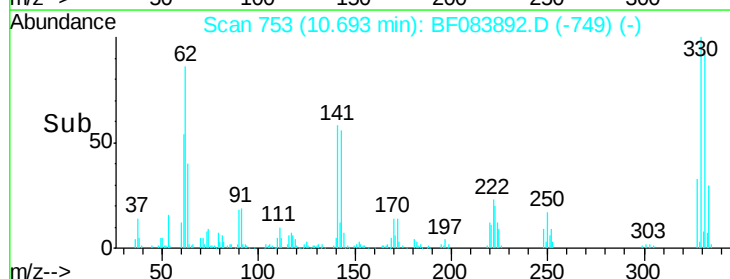
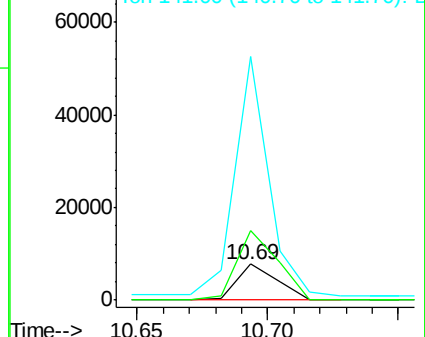
141 677.4 44.0 66.0#

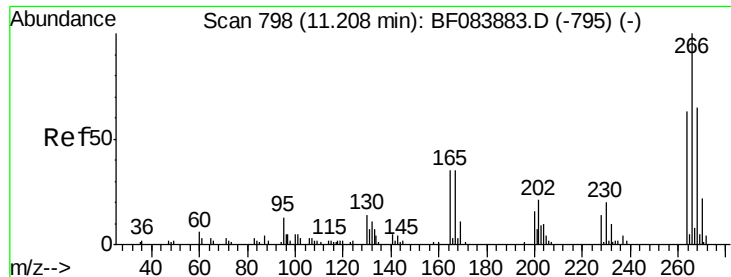


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

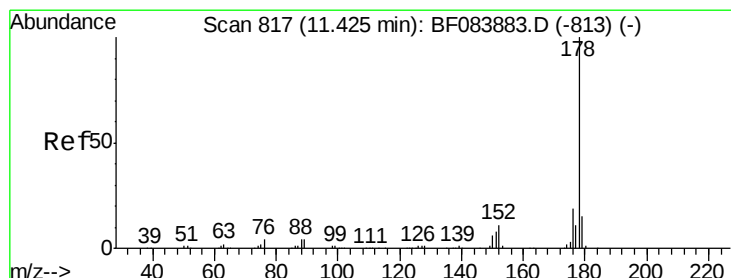
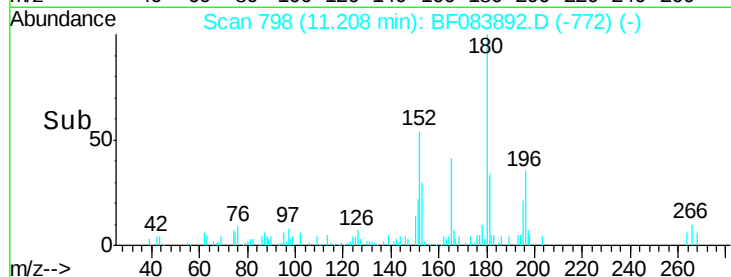
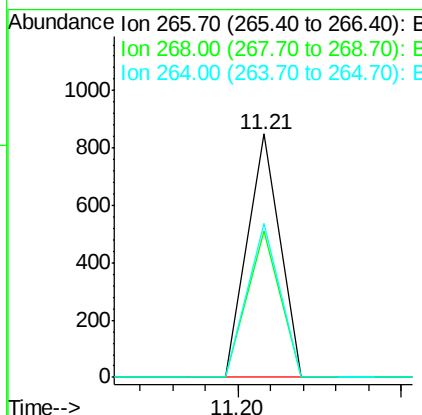
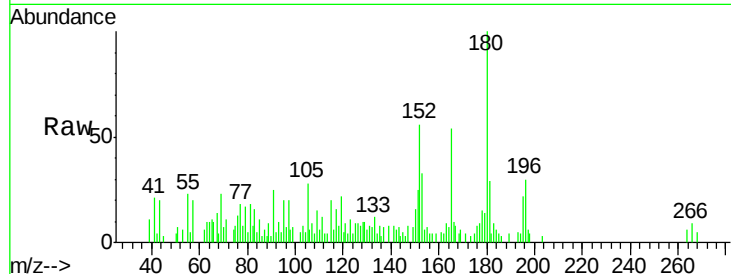




#69
 Pentachlorophenol
 Concen: 5.27 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083892.D
 Acq: 18 Dec 2015 2:56

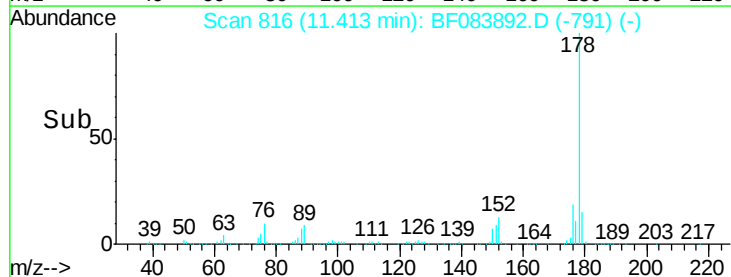
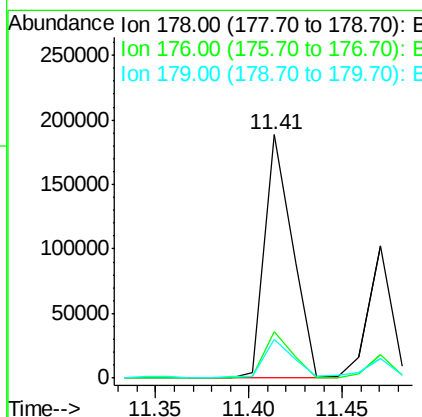
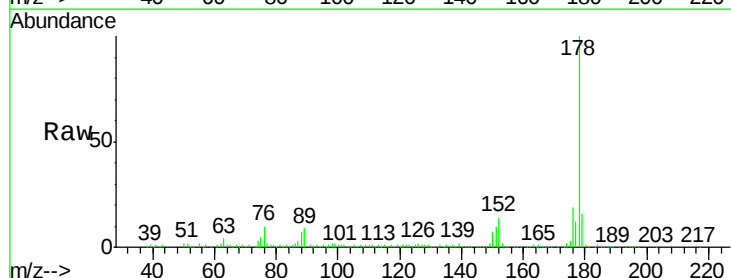
Instrument :
 BNA_F
 ClientSampleId :
 K212-(0-2)

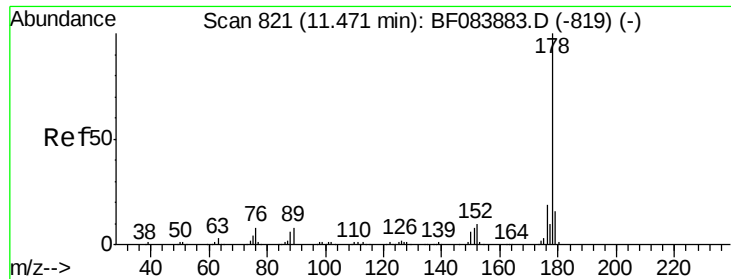
Tgt Ion: 266 Resp: 582
 Ion Ratio Lower Upper
 266 100
 268 60.2 52.4 78.6
 264 63.3 50.2 75.2



#70
 Phenanthrene
 Concen: 17.54 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083892.D
 Acq: 18 Dec 2015 2:56

Tgt Ion: 178 Resp: 193360
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.9 12.0 18.0

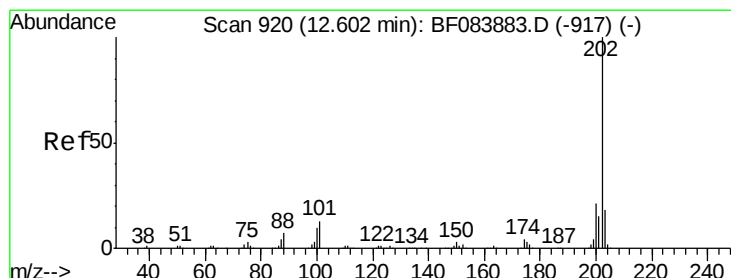
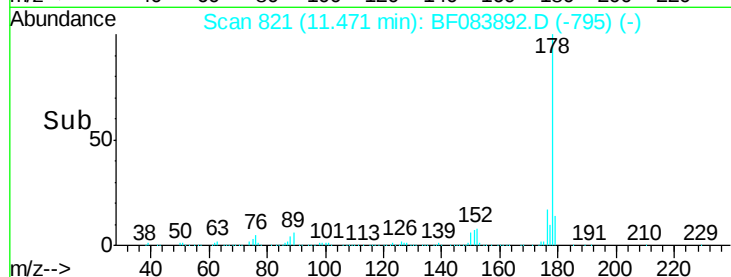
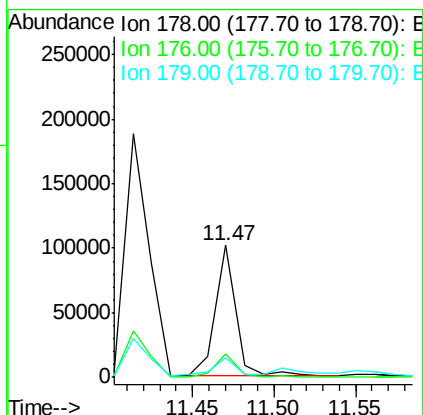
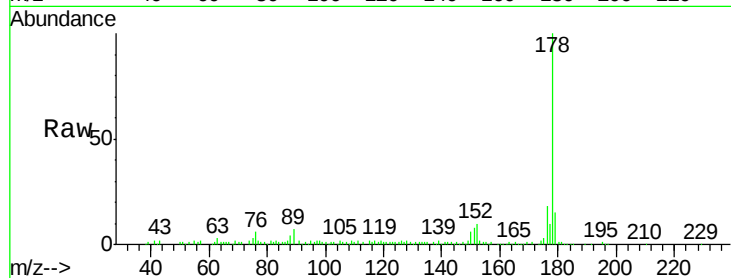




#71
 Anthracene
 Concen: 8.40 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF083892.D
 Acq: 18 Dec 2015 2:56

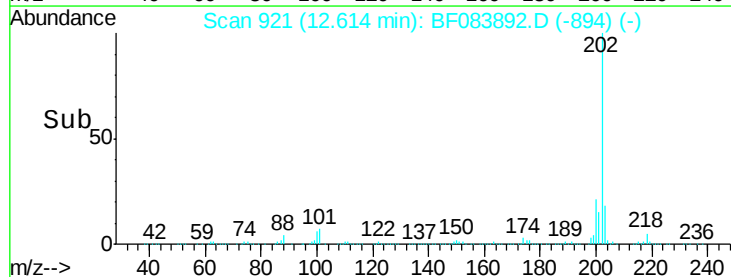
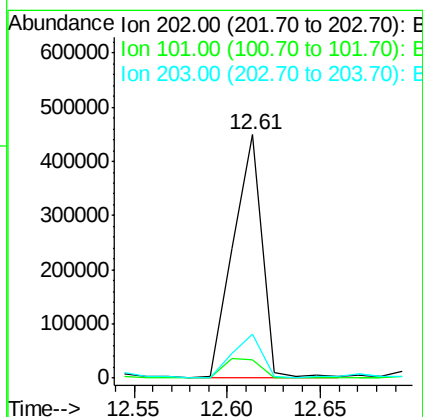
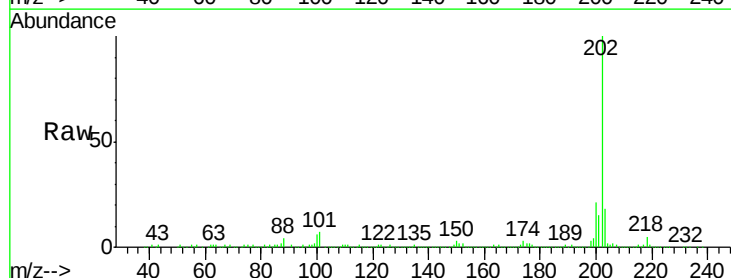
Instrument :
 BNA_F
 ClientSampleId :
 K212-(0-2)

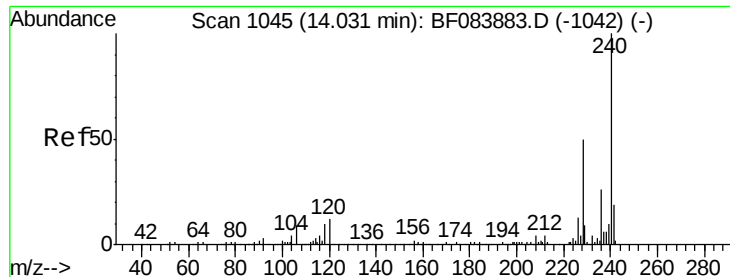
Tgt Ion:178 Resp: 89490
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.0
 179 15.2 12.5 18.7



#74
 Fluoranthene
 Concen: 43.74 ng
 RT: 12.61 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BF083892.D
 Acq: 18 Dec 2015 2:56

Tgt Ion:202 Resp: 481096
 Ion Ratio Lower Upper
 202 100
 101 7.3 0.0 32.8
 203 17.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

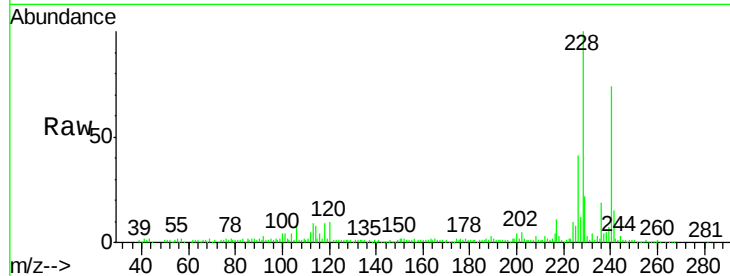
Tgt Ion:240 Resp: 123577

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

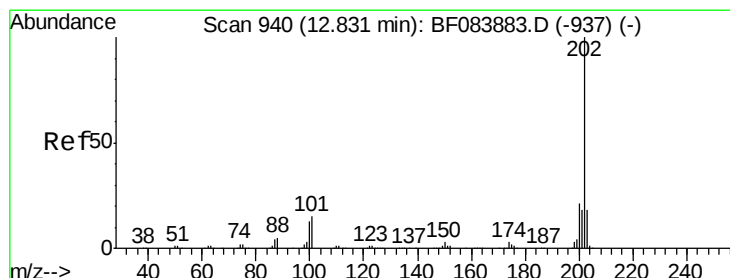
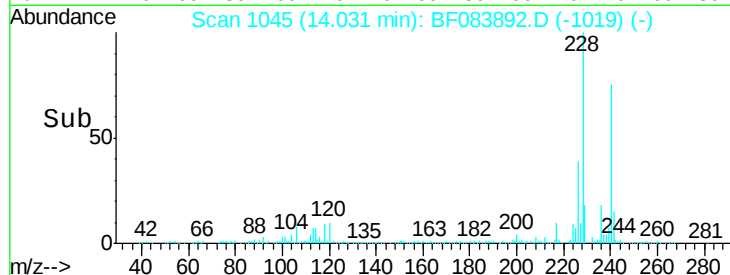
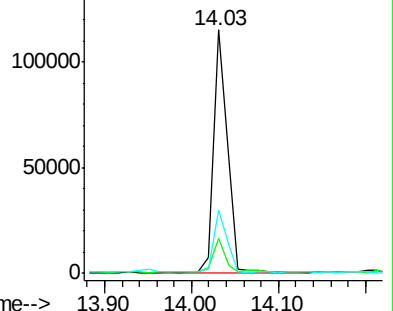
236 25.7 20.6 31.0



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



#77

Pyrene

Concen: 72.86 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

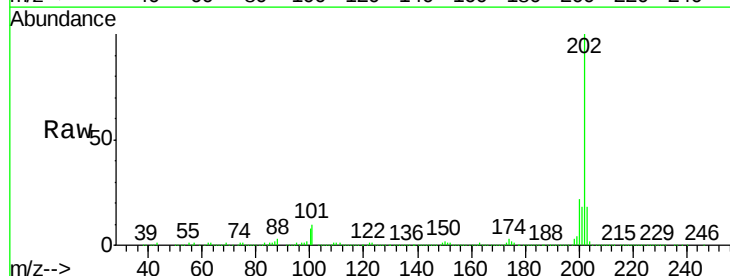
Tgt Ion:202 Resp: 635435

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

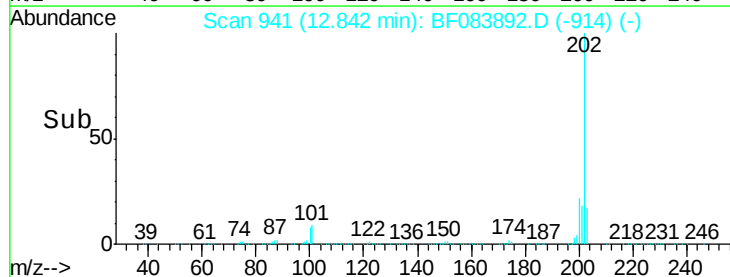
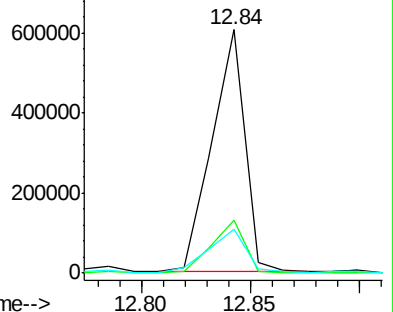
203 17.8 14.3 21.5

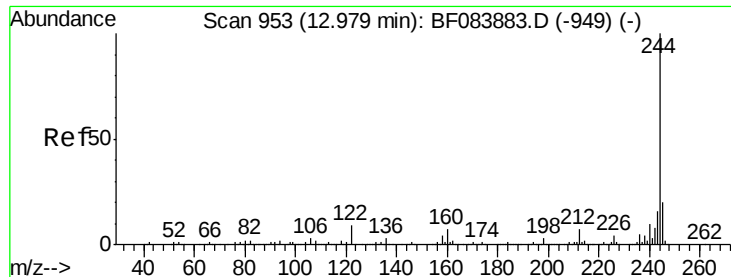


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.96 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

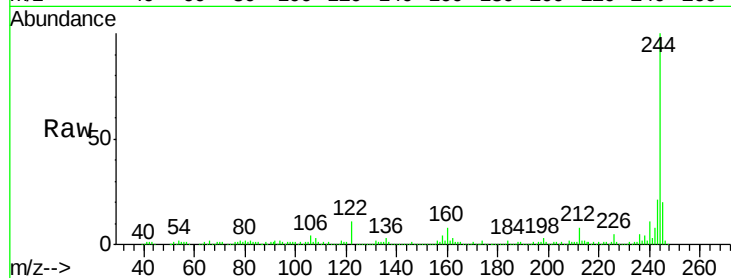
Tgt Ion:244 Resp: 409925

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

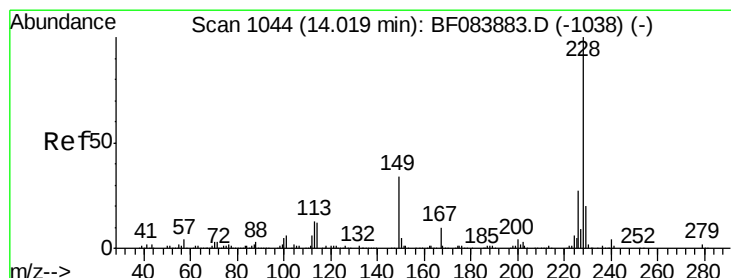
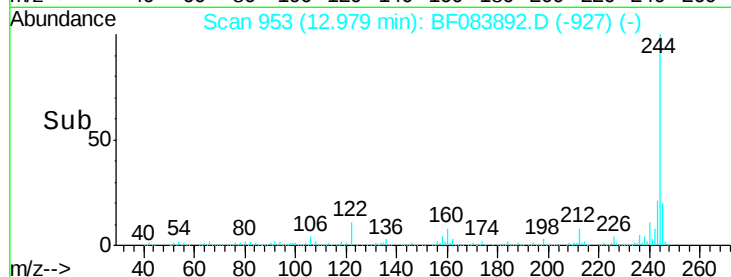
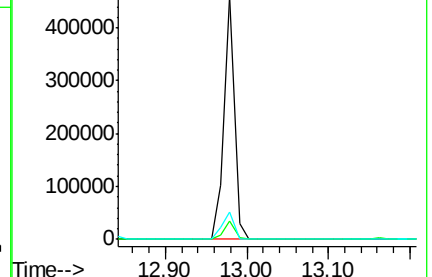
122 11.0 7.4 11.0



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



#80

Benzo(a)anthracene

Concen: 41.31 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

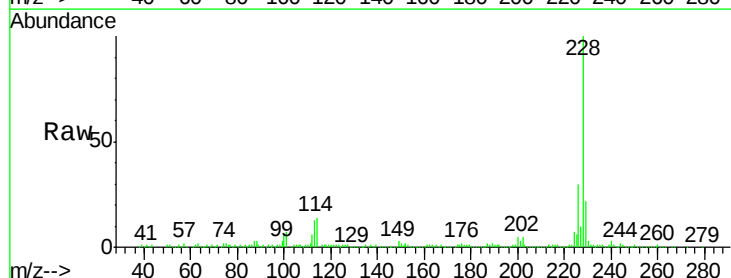
Tgt Ion:228 Resp: 313832

Ion Ratio Lower Upper

228 100

226 30.1 21.8 32.6

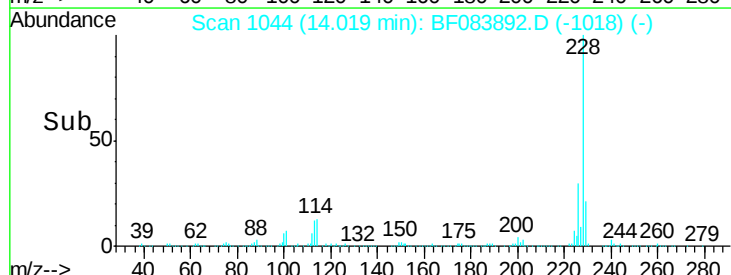
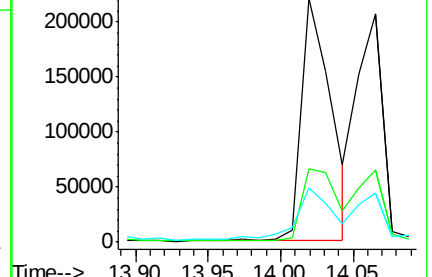
229 22.1 15.8 23.8

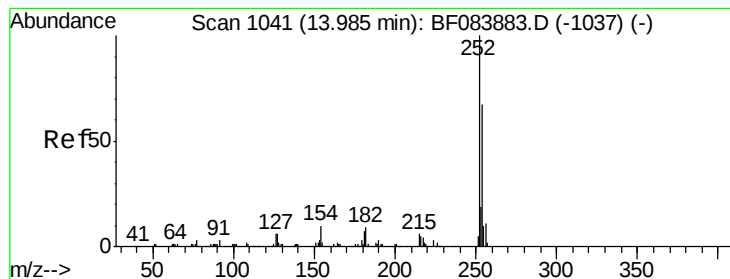


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 2.97 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.08 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

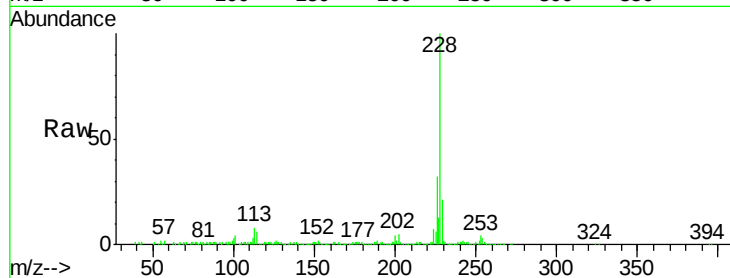
Tgt Ion:252 Resp: 8438

Ion Ratio Lower Upper

252 100

254 134.9 53.5 80.3#

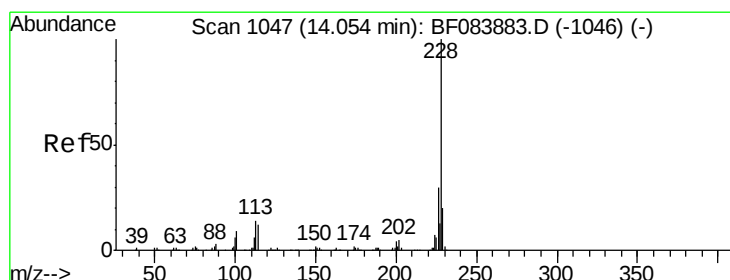
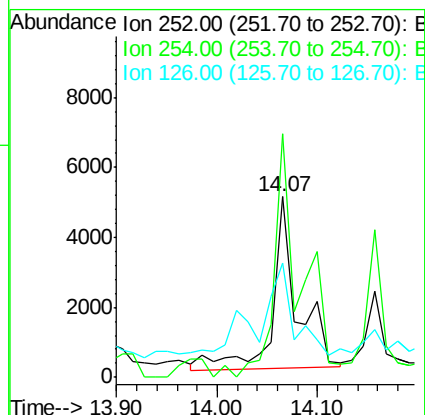
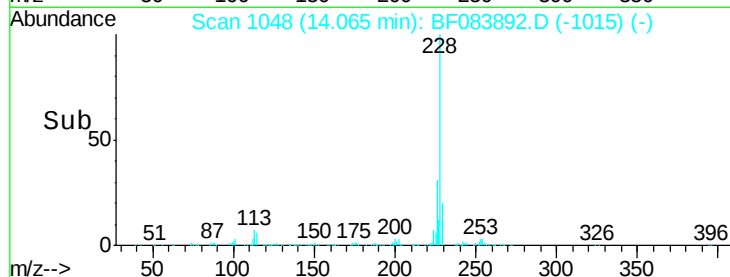
126 63.7 4.9 7.3#



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: 34.65 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

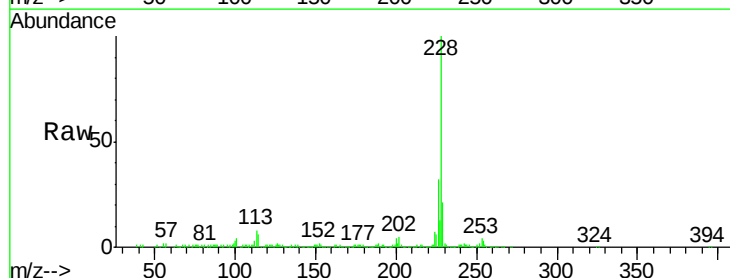
Tgt Ion:228 Resp: 254286

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

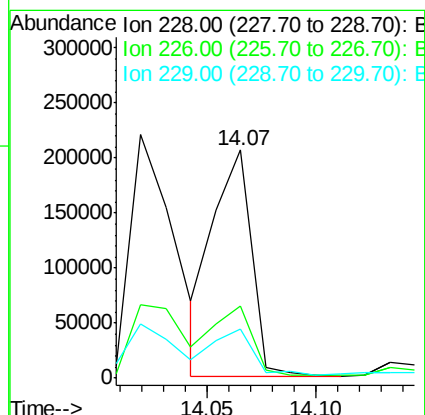
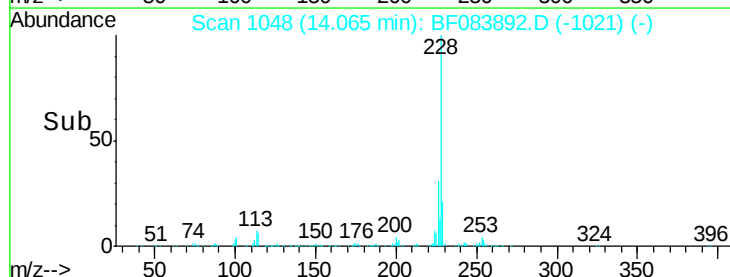
229 21.5 16.1 24.1

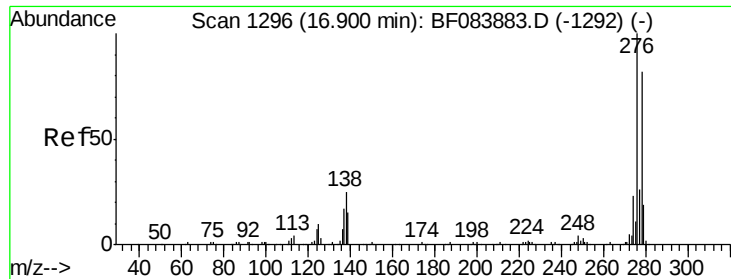


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

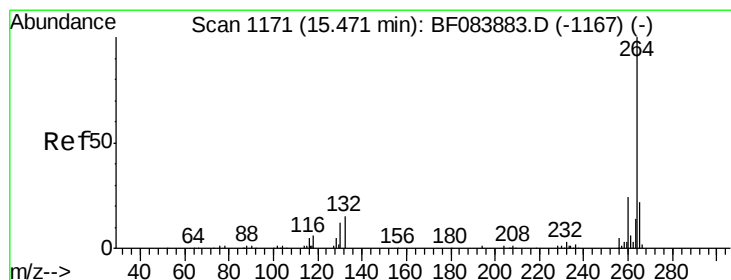
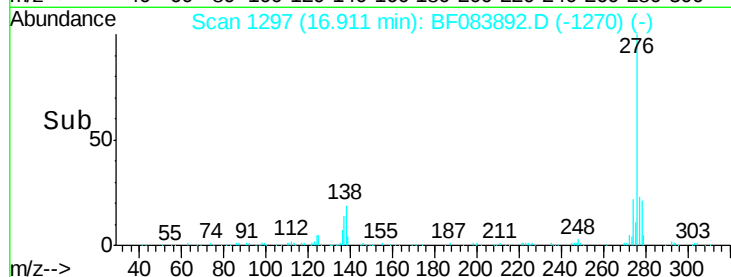
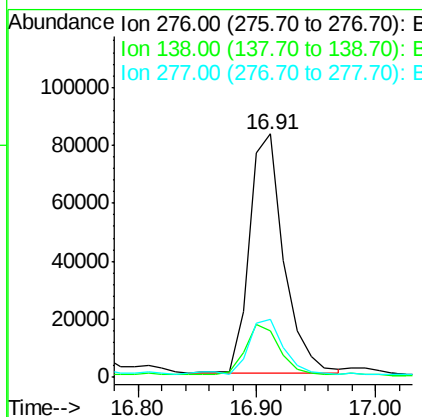
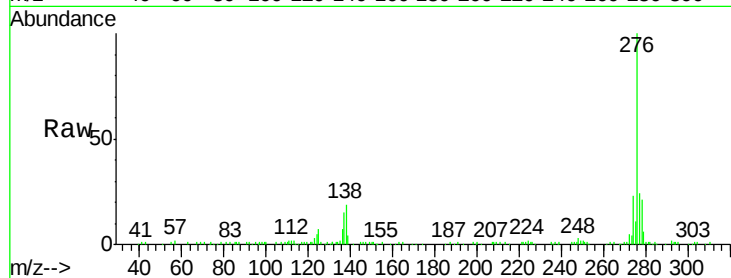




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.27 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083892.D
 Acq: 18 Dec 2015 2:56

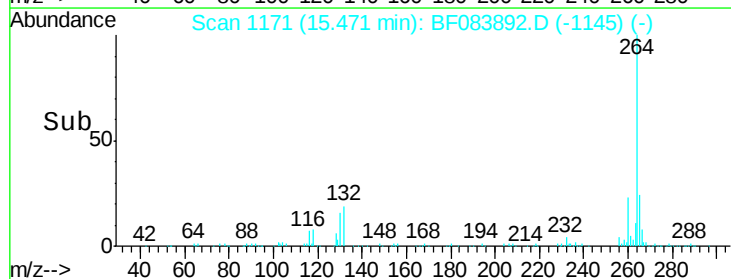
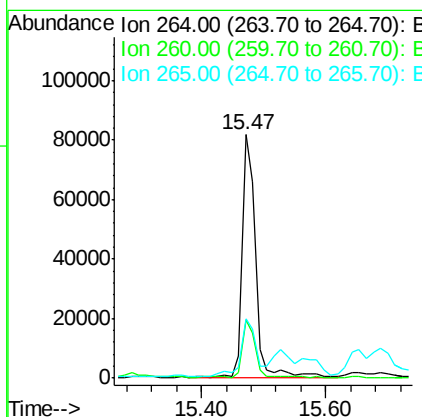
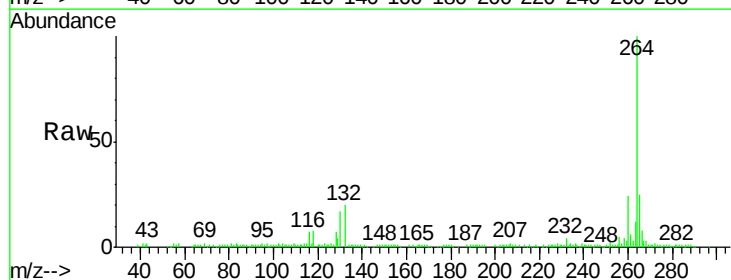
Instrument :
 BNA_F
 ClientSampleId :
 K212-(0-2)

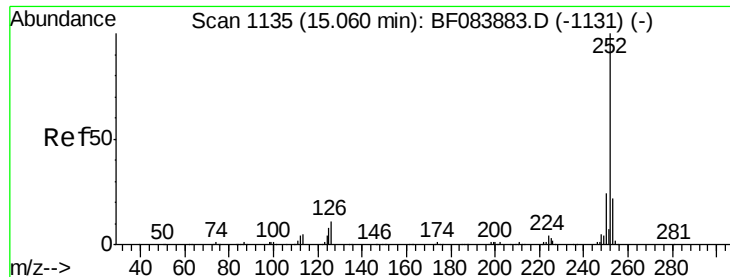
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.6	30.8
277	24.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083892.D
 Acq: 18 Dec 2015 2:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	24.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 44.79 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

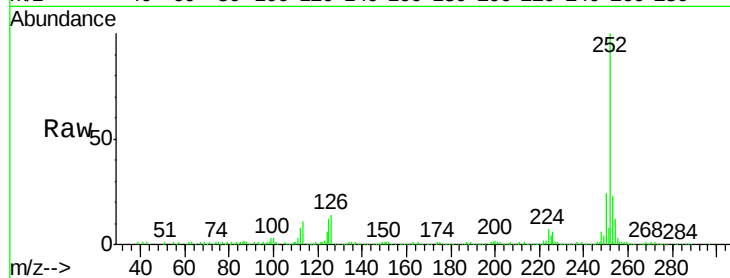
Instrument :

BNA_F

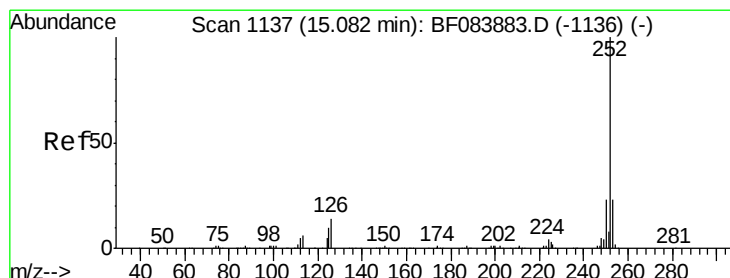
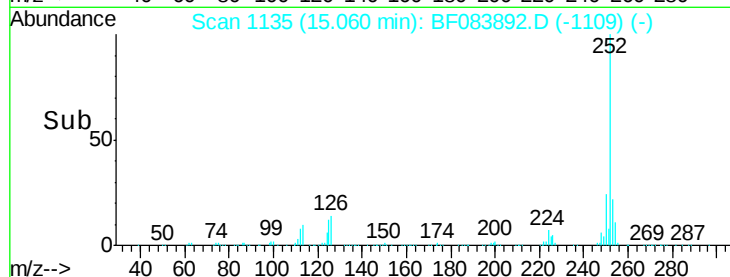
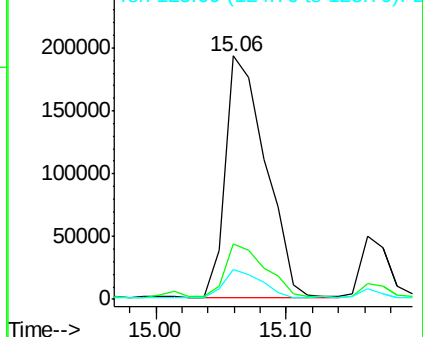
ClientSampleId :

K212-(0-2)

Tgt Ion:	252	Resp:	414089
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.3	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



#88

Benzo(k)fluoranthene

Concen: 54.29 ng

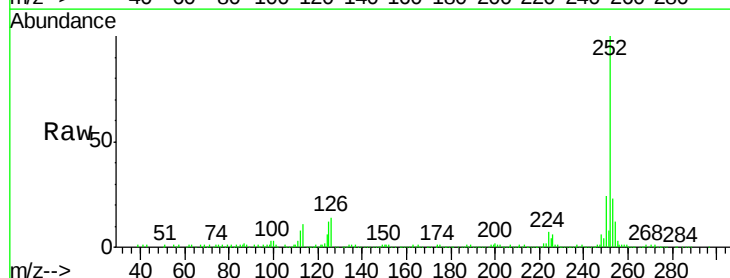
RT: 15.06 min Scan# 1135

Delta R.T. -0.02 min

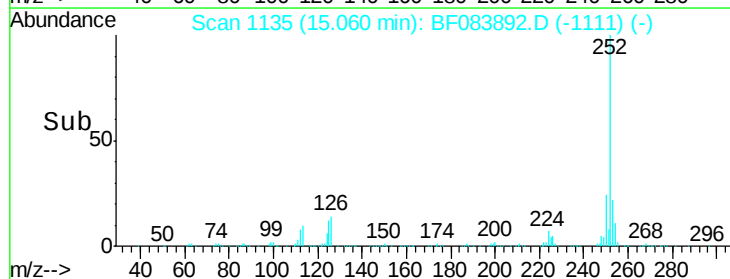
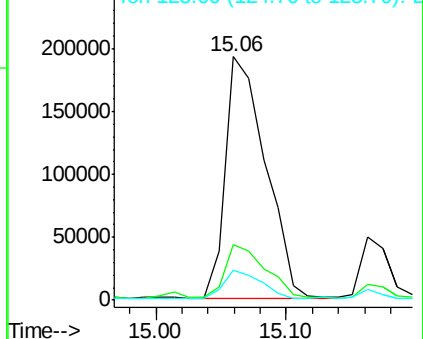
Lab File: BF083892.D

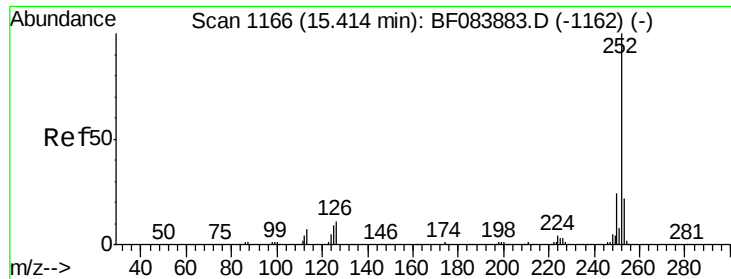
Acq: 18 Dec 2015 2:56

Tgt Ion:	252	Resp:	414089
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.3	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





#89

Benzo(a)pyrene

Concen: 31.26 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

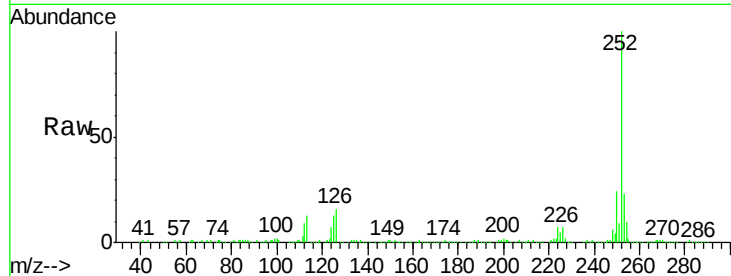
Tgt Ion:252 Resp: 238624

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

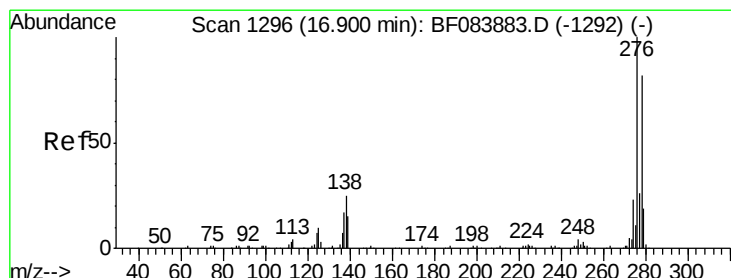
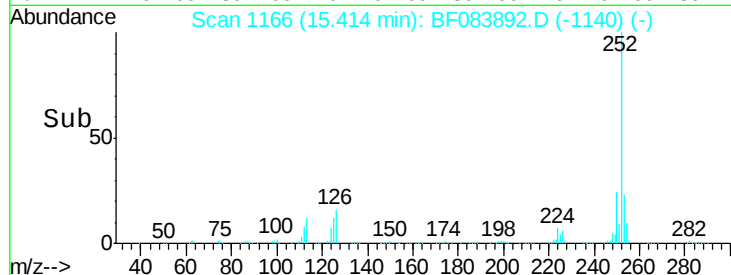
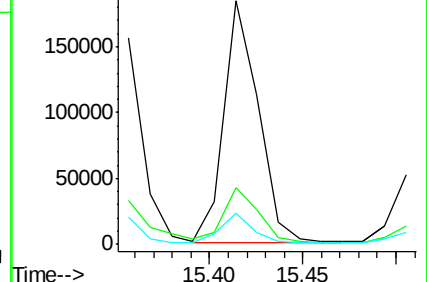
125 12.8 7.0 10.4#



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: 5.75 ng

RT: 17.08 min Scan# 1312

Delta R.T. 0.18 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

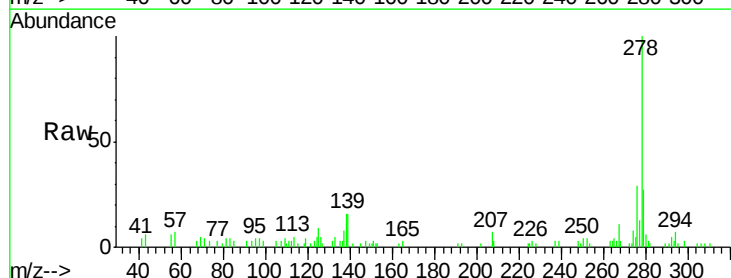
Tgt Ion:278 Resp: 34132

Ion Ratio Lower Upper

278 100

139 15.6 15.0 22.4

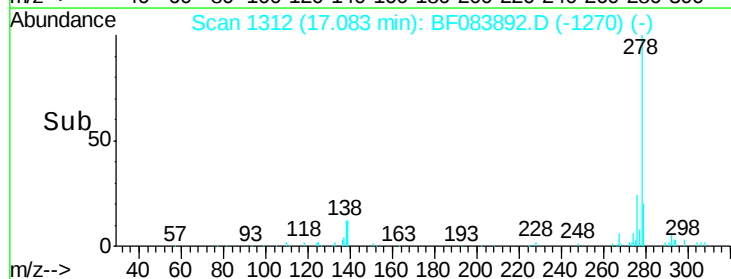
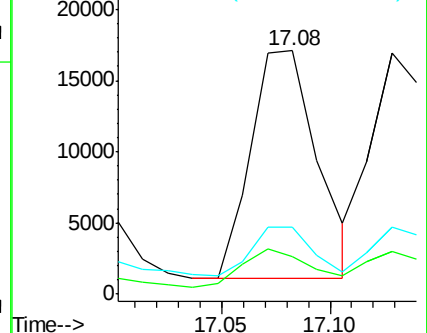
279 27.3 18.9 28.3

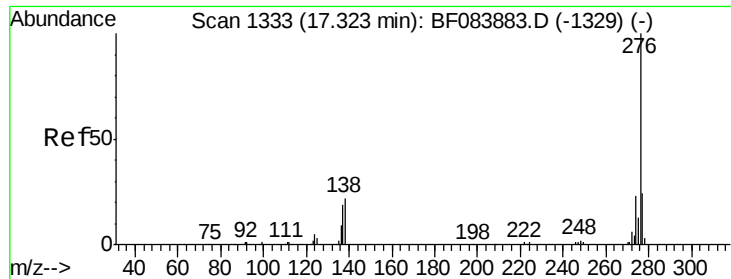


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.08 ng

RT: 17.33 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF083892.D

Acq: 18 Dec 2015 2:56

Instrument :

BNA_F

ClientSampleId :

K212-(0-2)

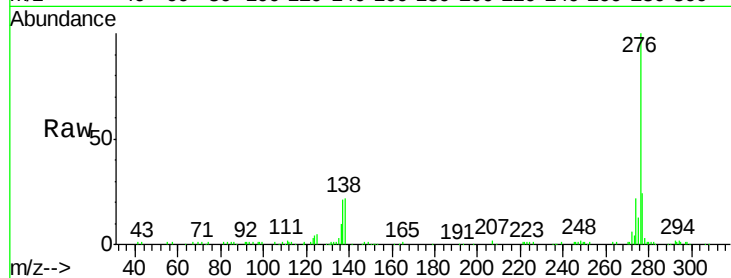
Tgt Ion: 276 Resp: 180893

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.0 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

