

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083774.D
 Acq On : 14 Dec 2015 12:33
 Operator : UM/IZ
 Sample : G4761-07 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

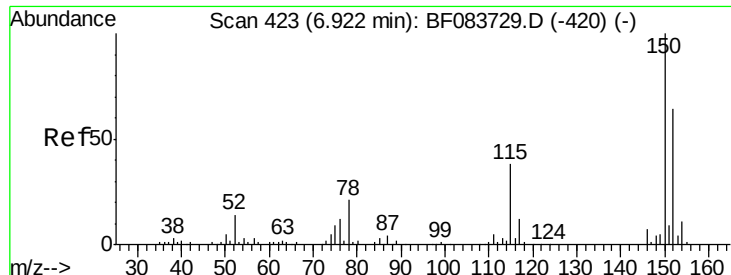
Quant Time: Dec 14 13:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	99141	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	328981	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	137769	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	244088	20.00	ng	0.00
75) Chrysene-d12	14.11	240	162315	20.00	ng	0.03
86) Perylene-d12	15.55	264	161367	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	194664	31.68	ng	-0.01
7) Phenol-d6	6.54	99	242204	31.12	ng	0.00
23) Nitrobenzene-d5	7.47	82	118318	20.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	39695	28.28	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	220318	19.54	ng	-0.01
78) Terphenyl-d14	13.03	244	171142	22.68	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	15473	3.25	ng	# 74
25) Isophorone	7.47	82	116672	10.11	ng	# 69
31) Naphthalene	8.22	128	133857	7.81	ng	100
33) 4-Chloroaniline	8.22	127	17767	2.54	ng	# 31
37) 2-Methylnaphthalene	8.92	142	36797	3.42	ng	96
48) Acenaphthylene	10.00	152	157459	10.38	ng	# 1
49) Dimethylphthalate	9.66	163	43434	4.04	ng	99
51) Acenaphthene	10.00	154	292426	31.90	ng	99
54) Dibenzofuran	10.16	168	91090	7.50	ng	# 90
57) Fluorene	10.50	166	195831	20.47	ng	99
65) n-Nitrosodiphenylamine	10.61	169	57049	6.83	ng	# 79
70) Phenanthrene	11.48	178	2655452	204.79	ng	97
71) Anthracene	11.52	178	1036671	76.98	ng	98
72) Carbazole	11.66	167	764493	60.93	ng	# 96
74) Fluoranthene	12.68	202	5232399	390.53	ng	96
77) Pyrene	12.68	202	5191584	404.68	ng	95
80) Benzo(a)anthracene	14.10	228	3223856	349.29	ng	# 93
82) Chrysene	14.13	228	2480087	275.49	ng	# 92
83) Bis(2-ethylhexyl)phthalate	14.08	149	15291	2.44	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.00	276	930417	105.23	ng	# 100
87) Benzo(b)fluoranthene	15.14	252	3492870	339.29	ng	# 96
88) Benzo(k)fluoranthene	15.14	252	3492870	374.45	ng	97
89) Benzo(a)pyrene	15.51	252	1800359	195.98	ng	94
90) Dibenz(a,h)anthracene	17.01	278	377612	41.34	ng	# 85
91) Benzo(g,h,i)perylene	17.45	276	869902	92.64	ng	99

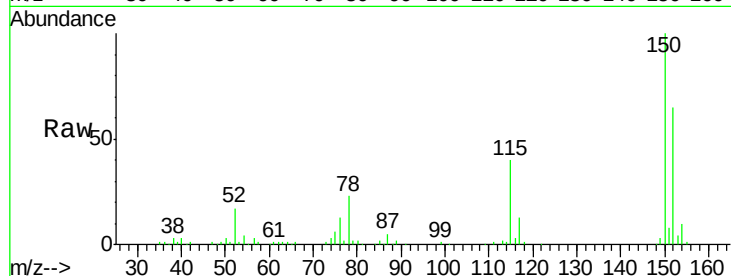
(#) = qualifier out of range (m) = manual integration (+) = signals summed



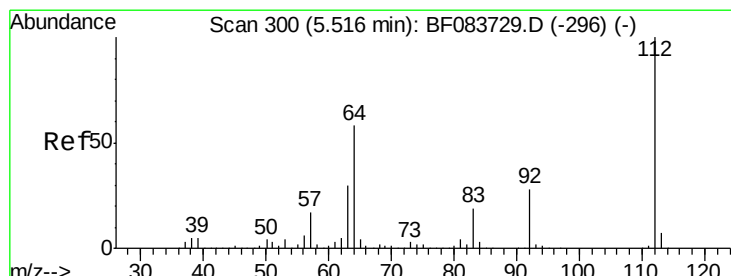
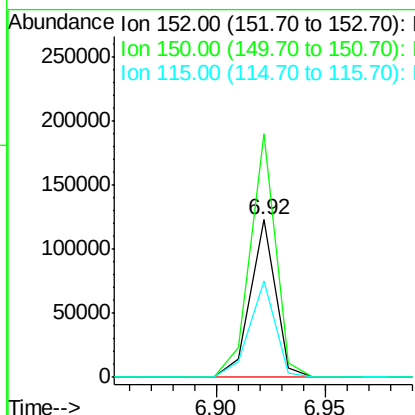
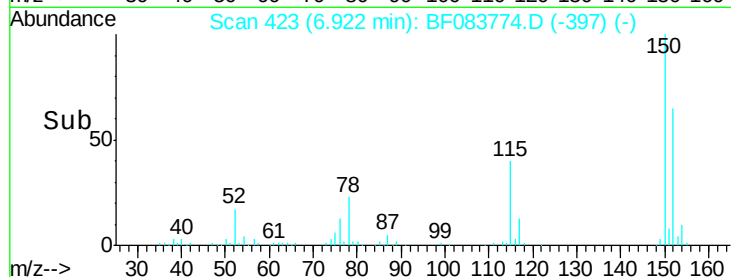
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF083774.D
 Acq: 14 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 99141
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.5 189.7
 115 61.5 52.3 78.5

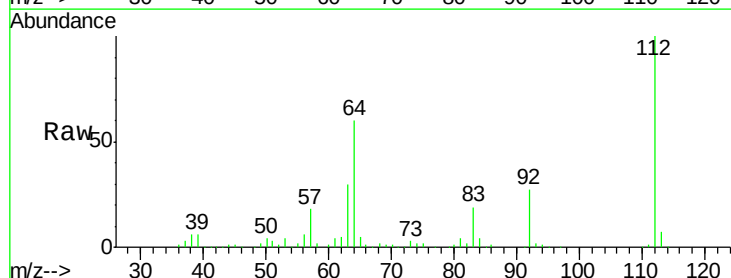


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

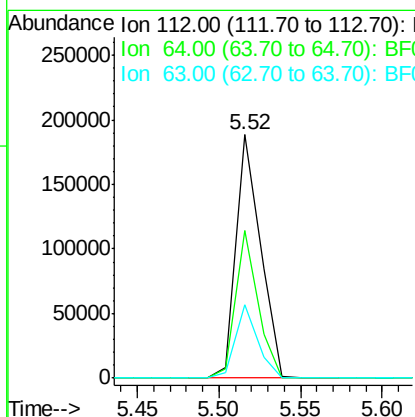
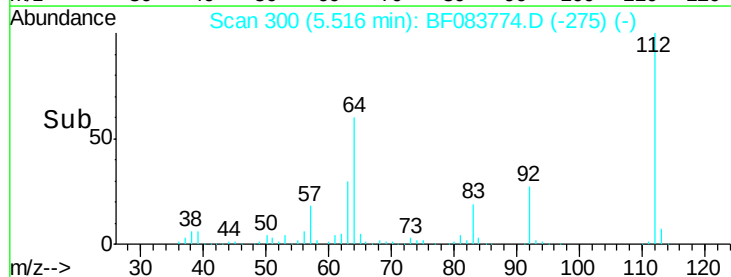


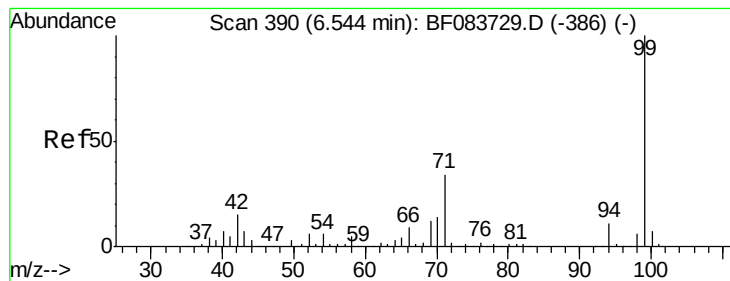
#5
 2-Fluorophenol
 Concen: 31.68 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083774.D
 Acq: 14 Dec 2015 12:33

Tgt Ion:112 Resp: 194664
 Ion Ratio Lower Upper
 112 100
 64 60.4 50.5 75.7
 63 30.3 25.8 38.6



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: 31.12 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampled :

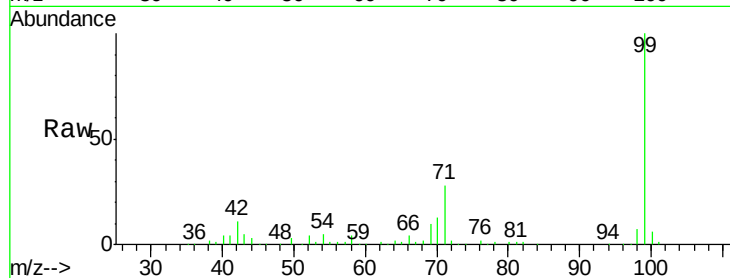
Tot Ion: 99 Resp: 242204

Ion Ratio Lower Upper

99 100

42 11.0 17.3 25.9#

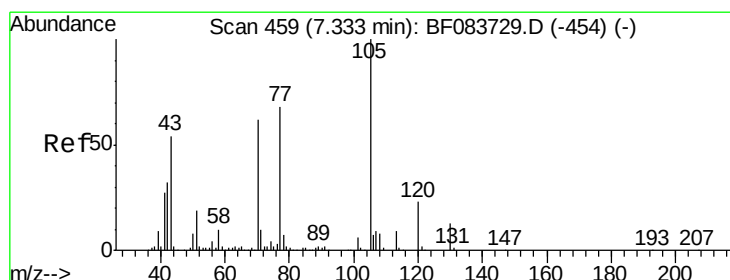
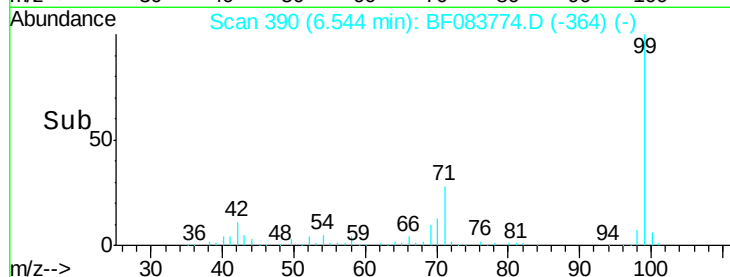
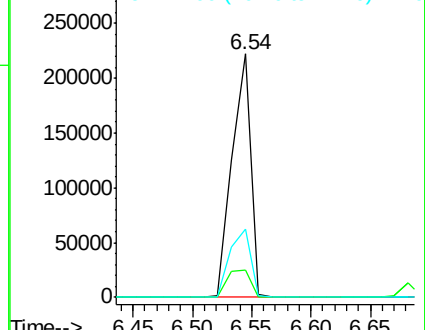
71 28.1 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.25 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.13 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Tgt Ion: 70 Resp: 15473

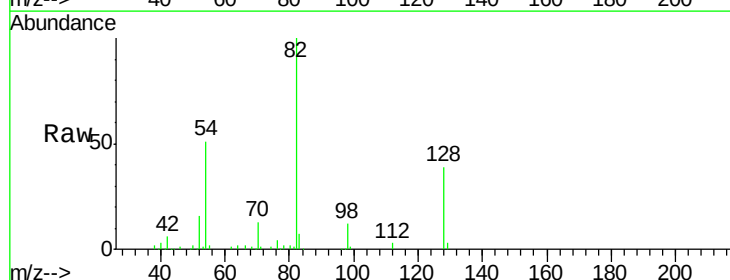
Ion Ratio Lower Upper

70 100

42 45.8 49.2 73.8#

101 0.0 7.1 10.7#

130 0.0 15.4 23.0#

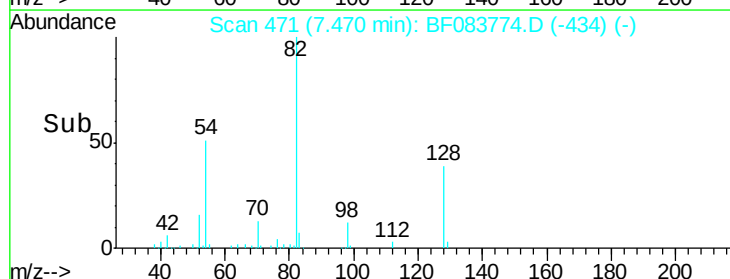
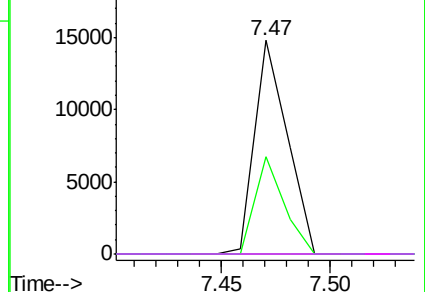


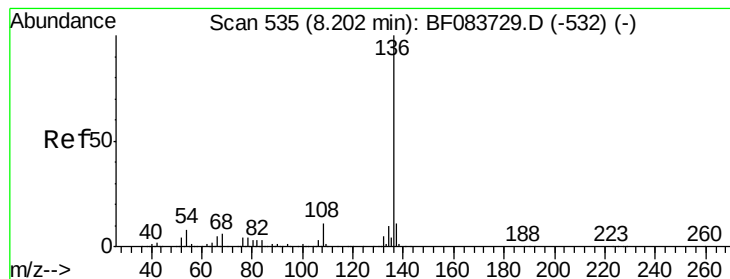
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 328981

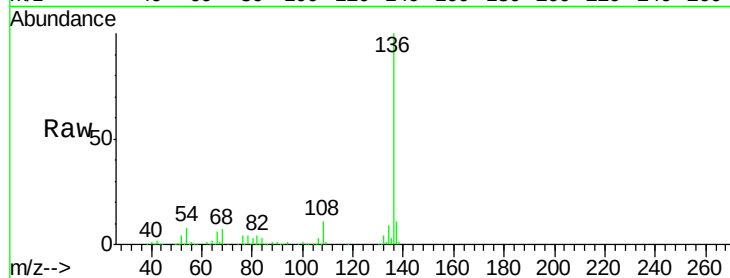
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.2 7.8 11.6

68 6.8 5.7 8.5

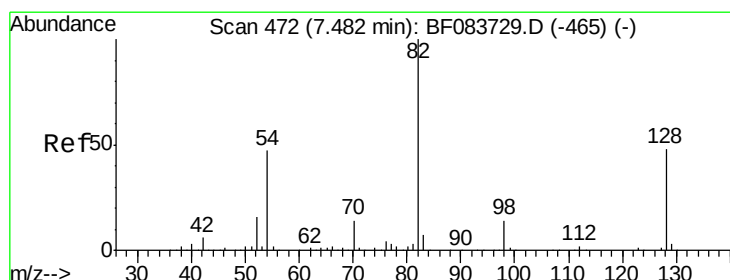
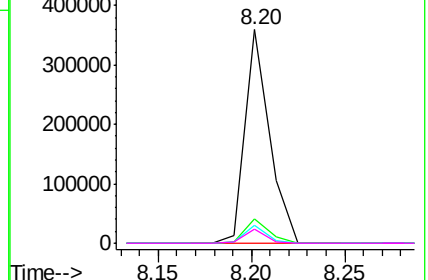
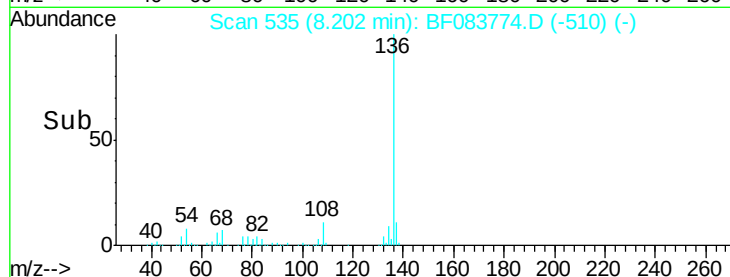


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.12 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

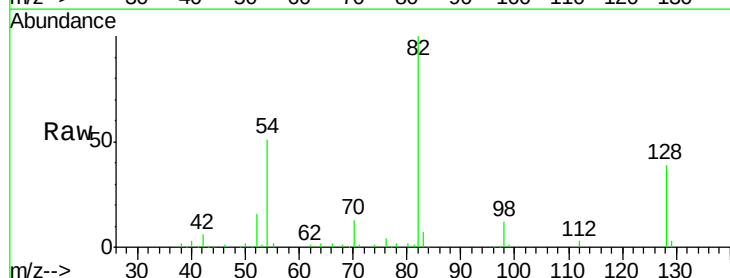
Tgt Ion: 82 Resp: 118318

Ion Ratio Lower Upper

82 100

128 38.8 30.7 46.1

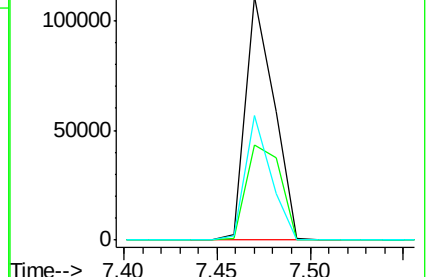
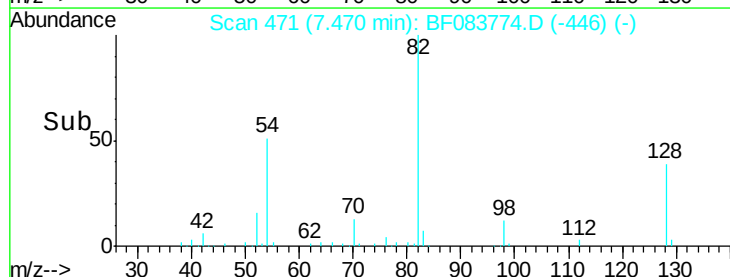
54 51.4 42.5 63.7

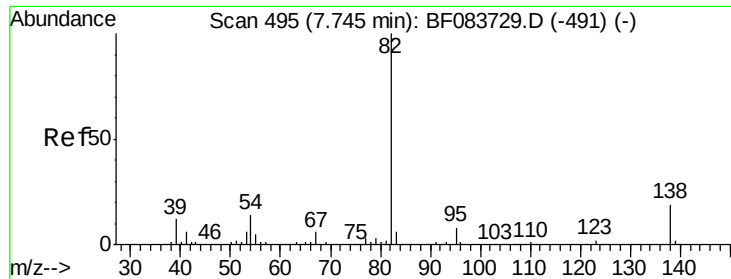


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 10.11 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.27 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

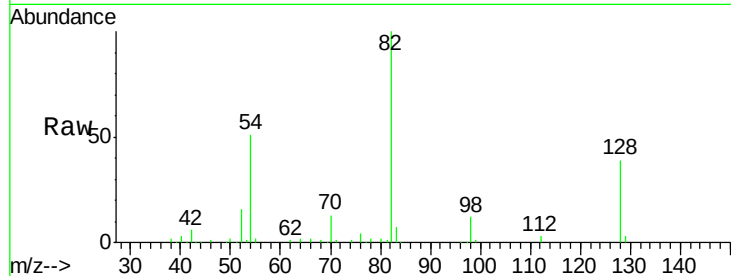
Tot Ion: 82 Resp: 116672

Ion Ratio Lower Upper

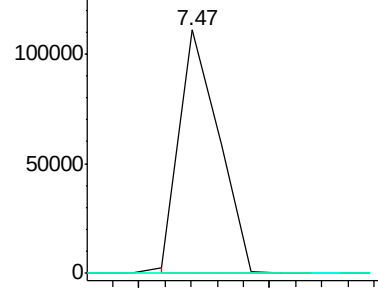
82 100

95 0.0 5.0 7.4#

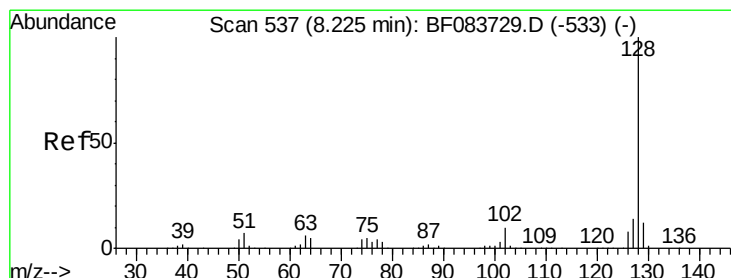
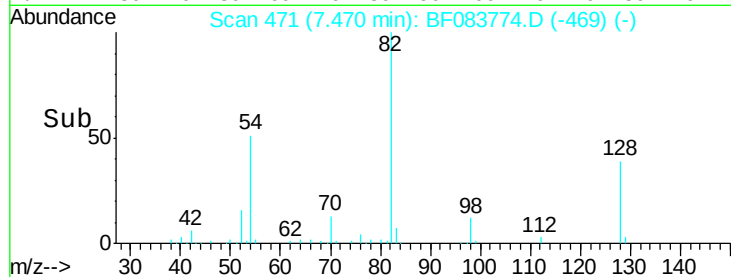
138 0.0 12.1 18.1#



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



Time-->



#31

Naphthalene

Concen: 7.81 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

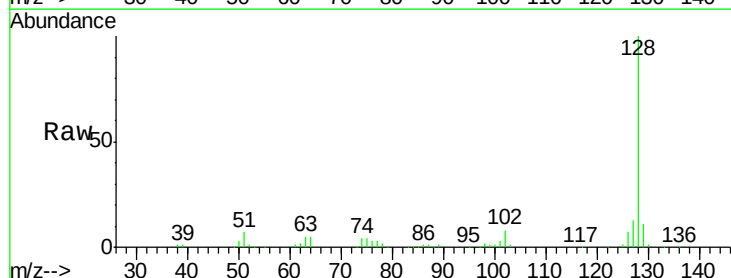
Tgt Ion: 128 Resp: 133857

Ion Ratio Lower Upper

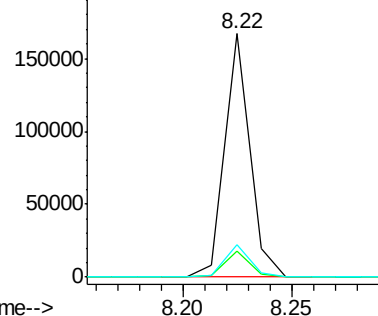
128 100

129 10.9 8.6 13.0

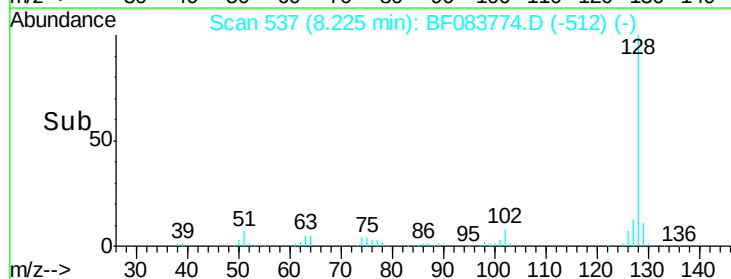
127 13.2 10.6 16.0

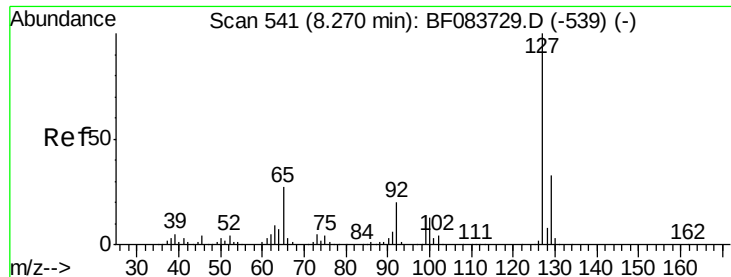


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->

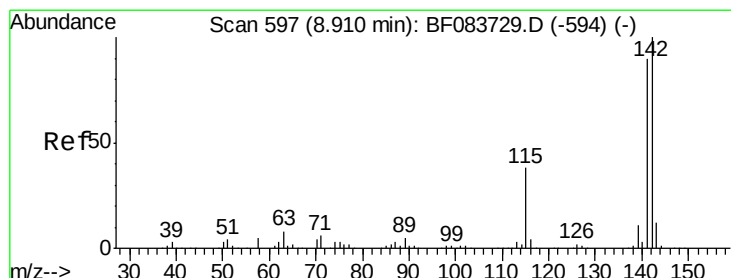
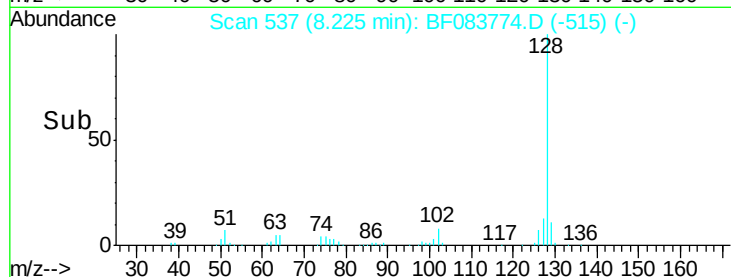
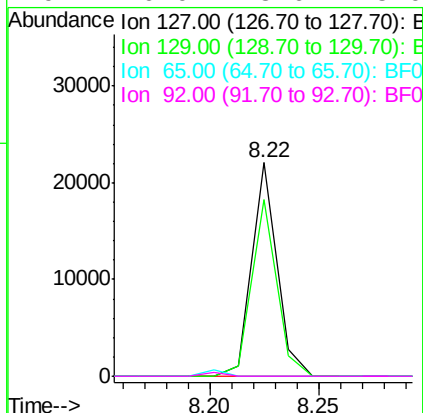
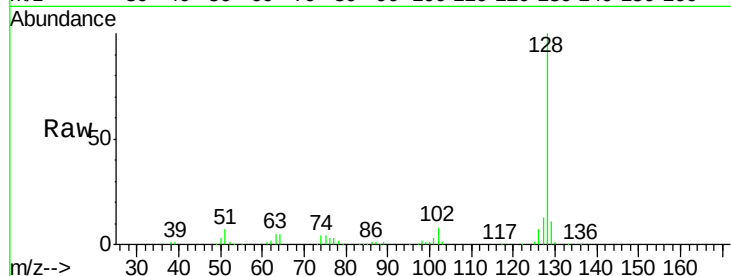




#33
4-Chloroaniline
Concen: 2.54 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

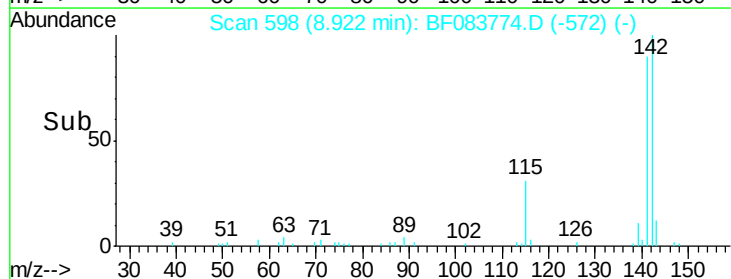
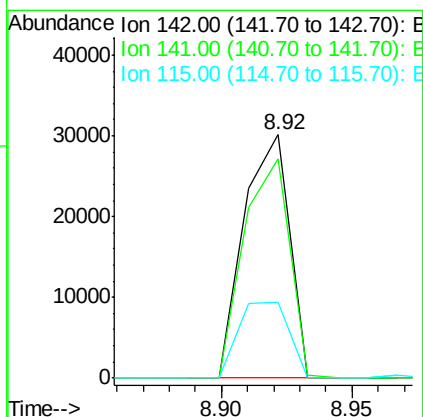
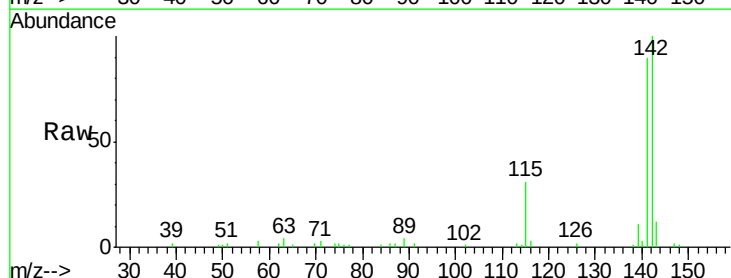
Instrument :
BNA_F
ClientSampleId :

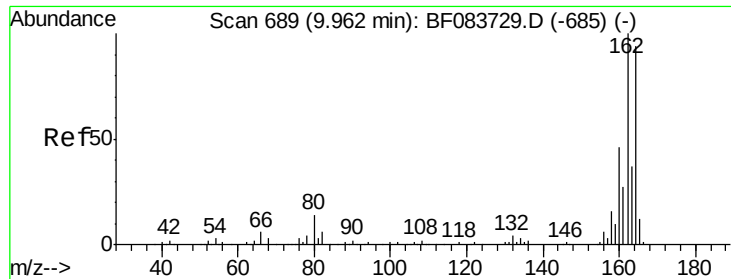
Tot Ion:127	Resp:	17767
Ion Ratio	Lower	Upper
127	100	
129	82.7	26.1 39.1#
65	0.0	33.5 50.3#
92	0.0	18.6 28.0#



#37
2-Methylnaphthalene
Concen: 3.42 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

Tgt Ion:142	Resp:	36797
Ion Ratio	Lower	Upper
142	100	
141	90.0	70.3 105.5
115	31.3	29.2 43.8

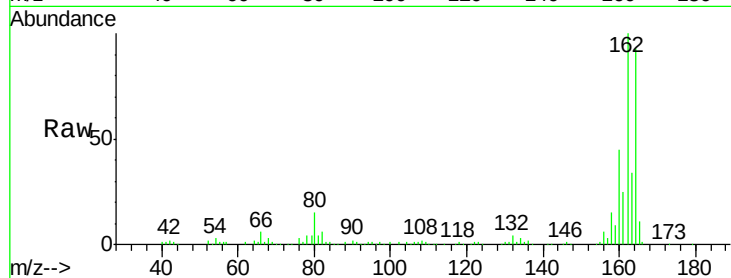




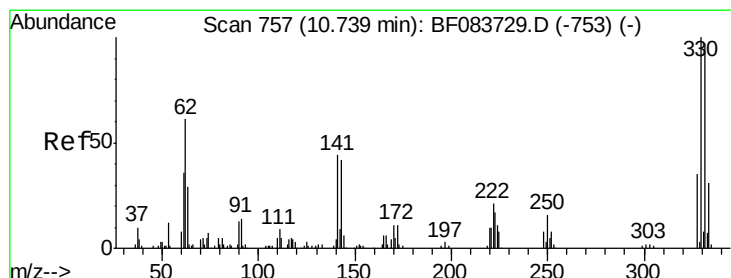
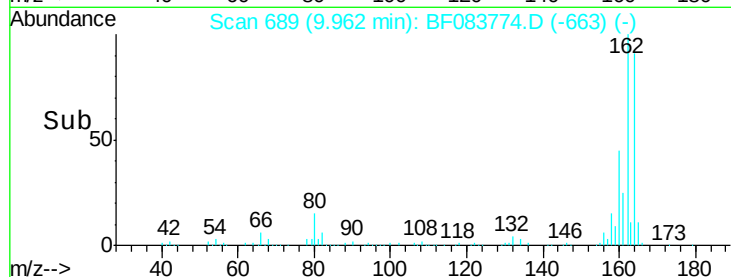
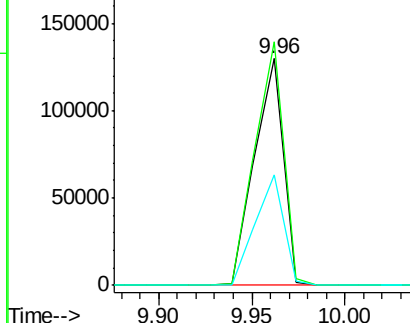
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083774.D
 Acq: 14 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 137769
 Ion Ratio Lower Upper
 164 100
 162 107.3 78.8 118.2
 160 48.7 33.4 50.2

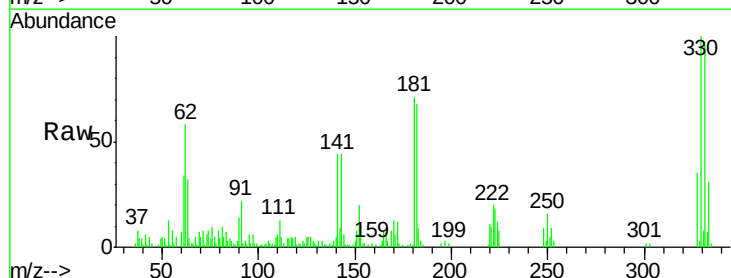


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

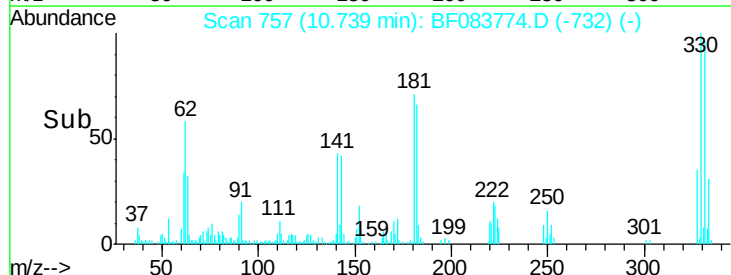
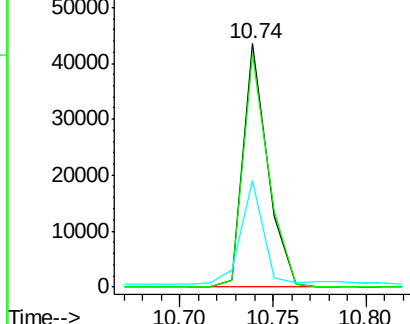


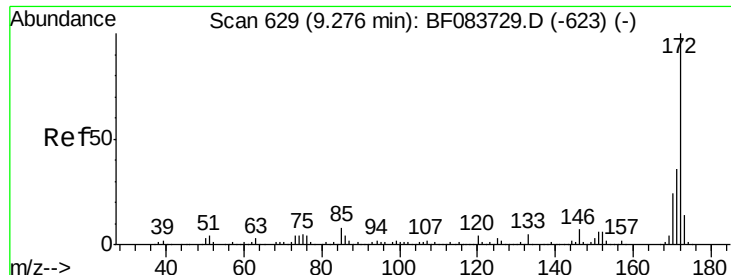
#41
 2,4,6-Tribromophenol
 Concen: 28.28 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083774.D
 Acq: 14 Dec 2015 12:33

Tgt Ion:330 Resp: 39695
 Ion Ratio Lower Upper
 330 100
 332 98.2 0.0 0.0#
 141 42.0 0.0 0.0#



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

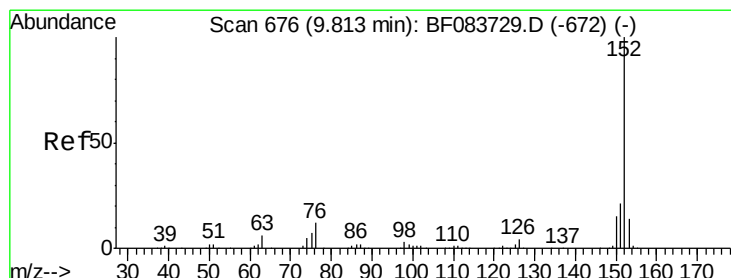
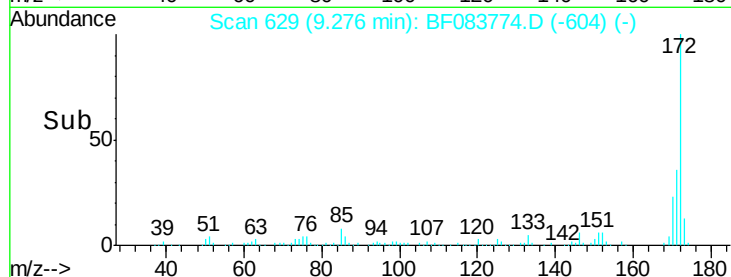
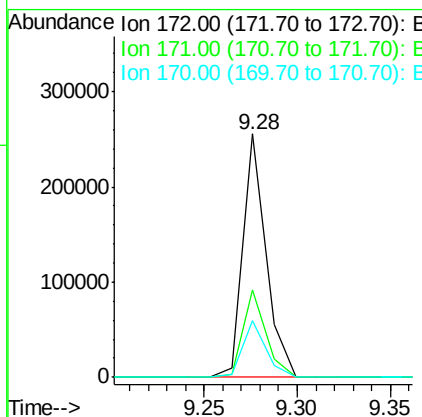
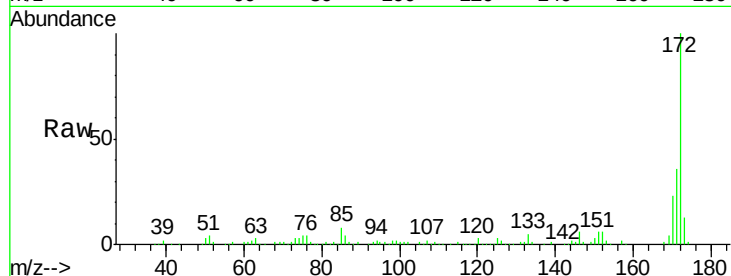




#44
2-Fluorobiphenyl
Concen: 19.54 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

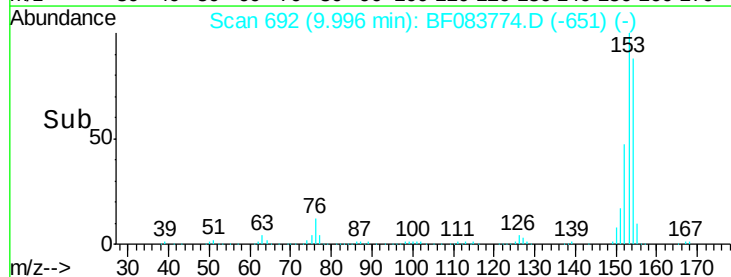
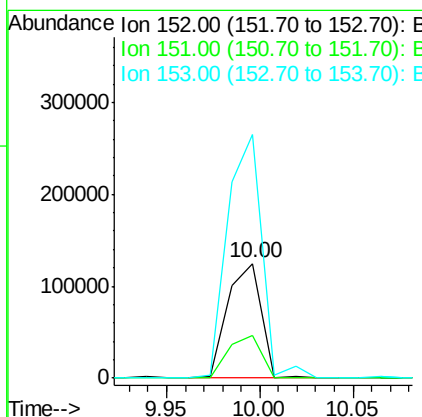
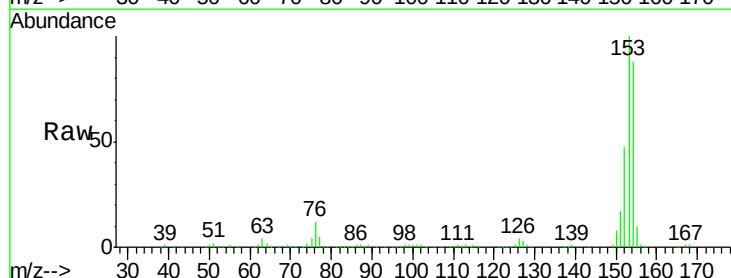
Instrument :
BNA_F
ClientSampleId :

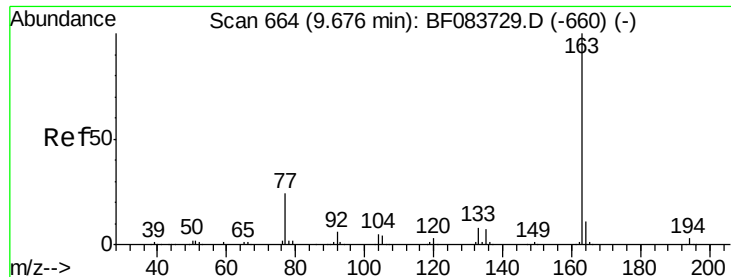
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.4	19.4	29.0



#48
Acenaphthylene
Concen: 10.38 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.17 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	37.1	16.3	24.5#
153	212.3	10.8	16.2#





#49

Dimethylphthalate

Concen: 4.04 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

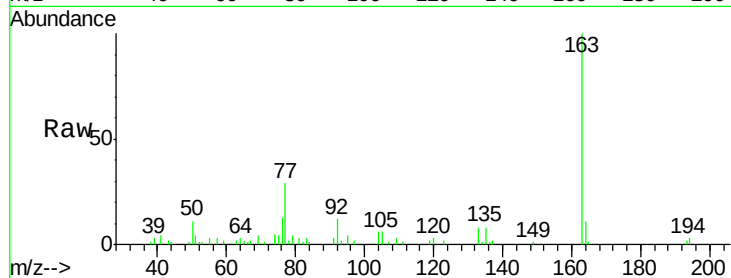
Tot Ion:163 Resp: 43434

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

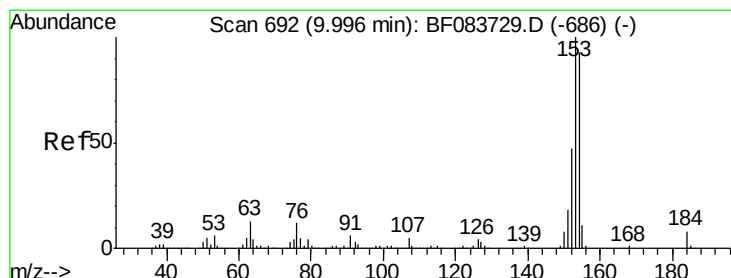
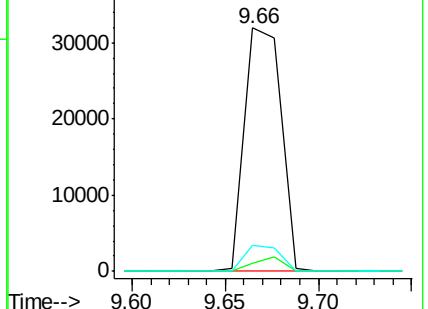
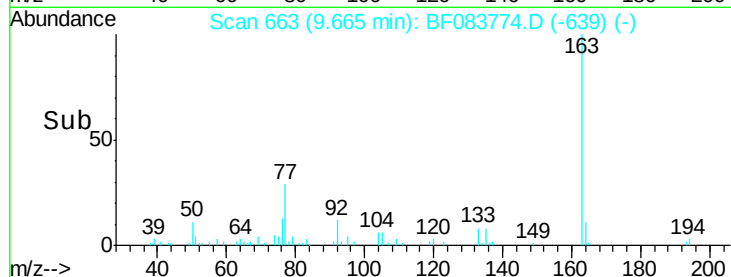
164 10.5 8.6 13.0



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



#51

Acenaphthene

Concen: 31.90 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

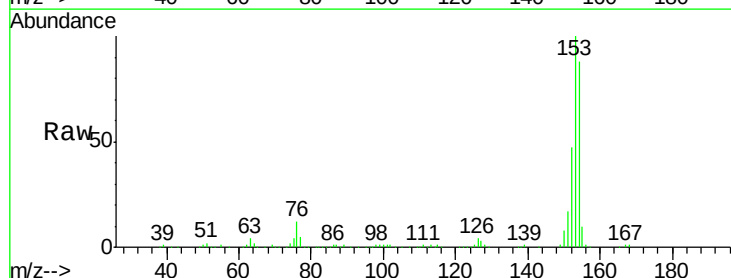
Tgt Ion:154 Resp: 292426

Ion Ratio Lower Upper

154 100

153 113.2 91.4 137.0

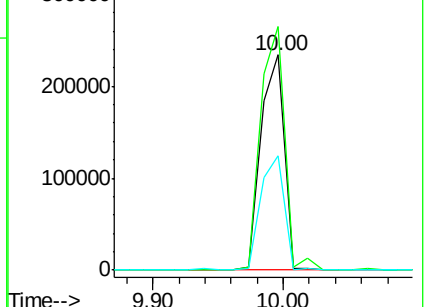
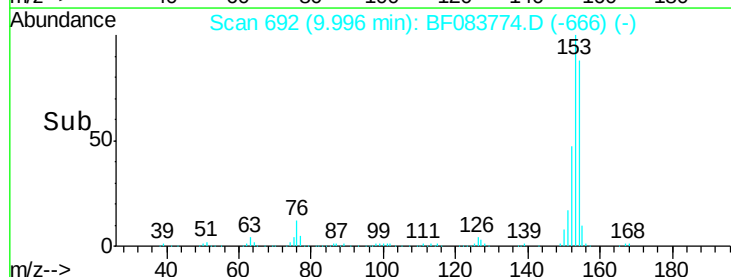
152 53.3 43.4 65.2

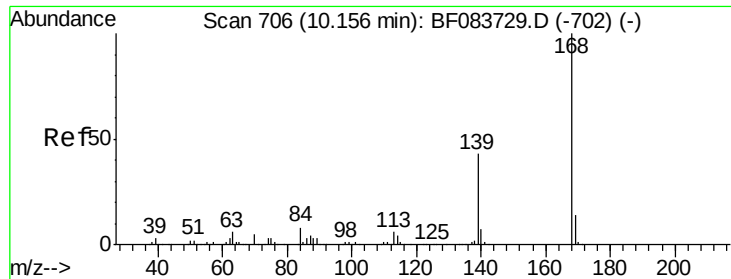


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

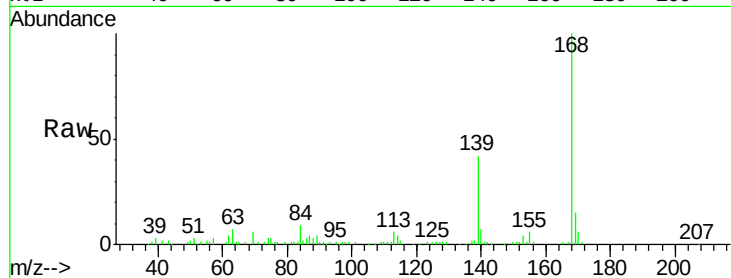




#54
Dibenzofuran
Concen: 7.50 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	28.0	42.0
169	14.9	10.8	16.2

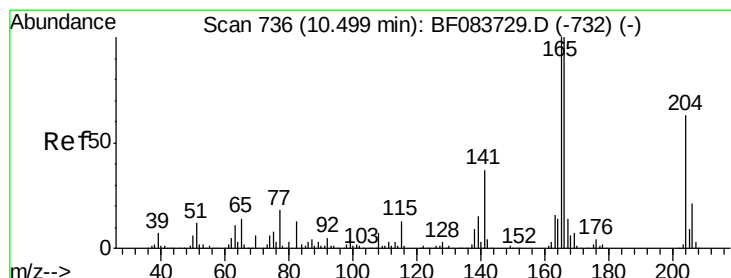
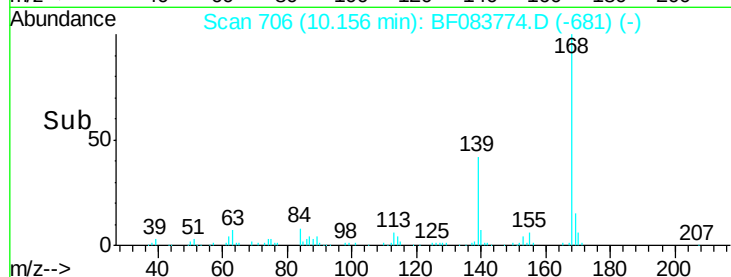
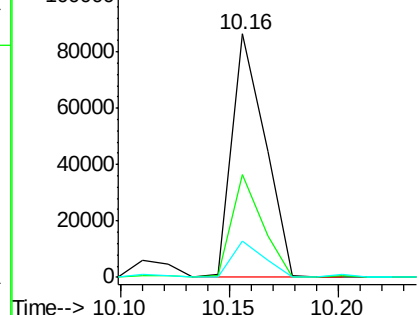


Abundance

Ion 168.00 (167.70 to 168.70): E

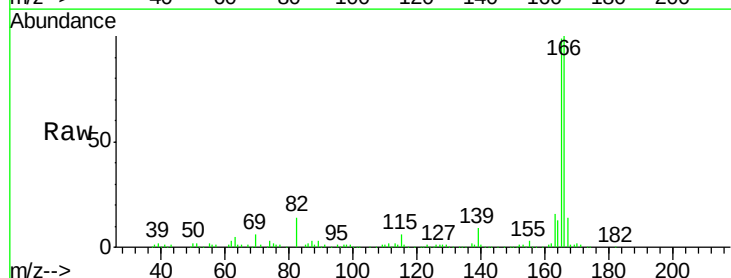
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57
Fluorene
Concen: 20.47 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.0	120.0
167	14.3	10.6	16.0

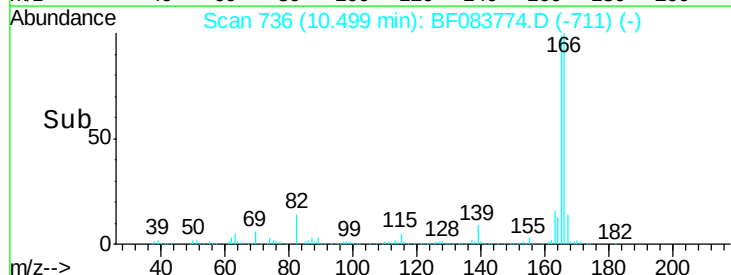
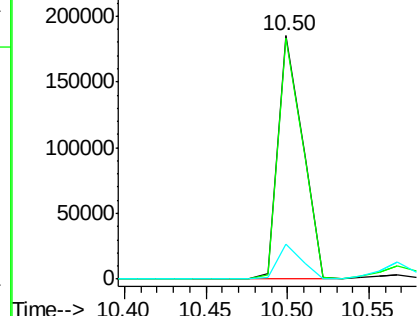


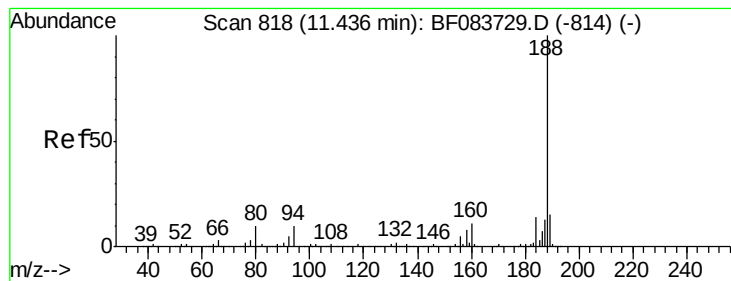
Abundance

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

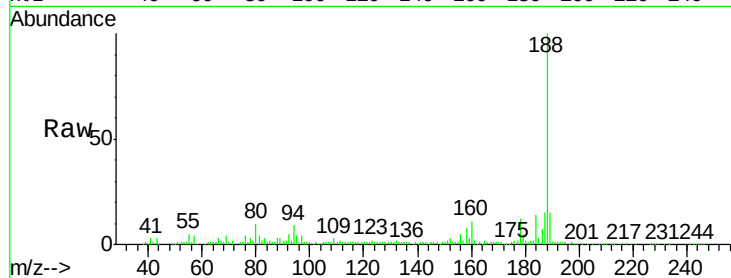
Tot Ion:188 Resp: 244088

Ion Ratio Lower Upper

188 100

94 8.8 9.4 14.2#

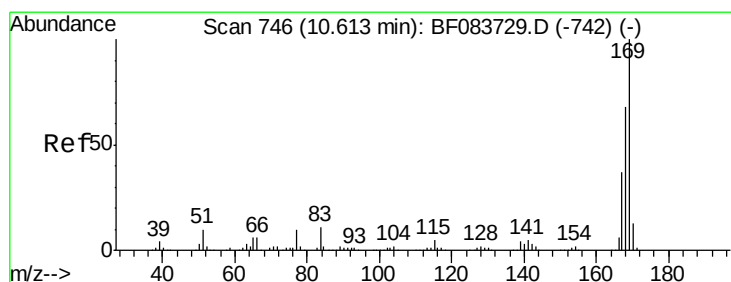
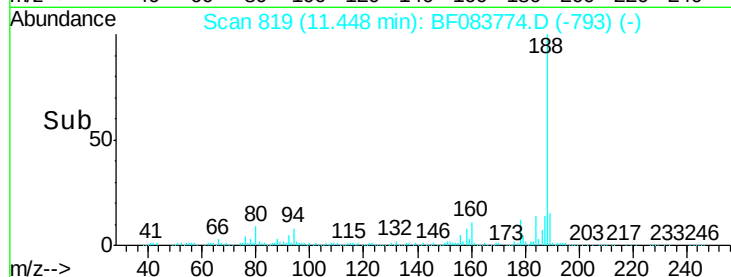
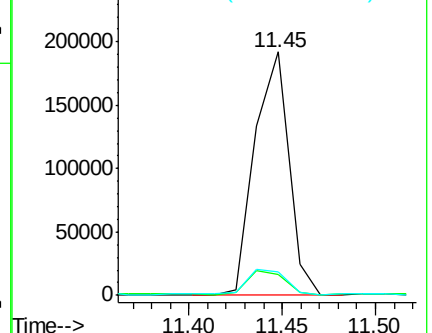
80 9.8 10.6 16.0#



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



#65

n-Nitrosodiphenylamine

Concen: 6.83 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

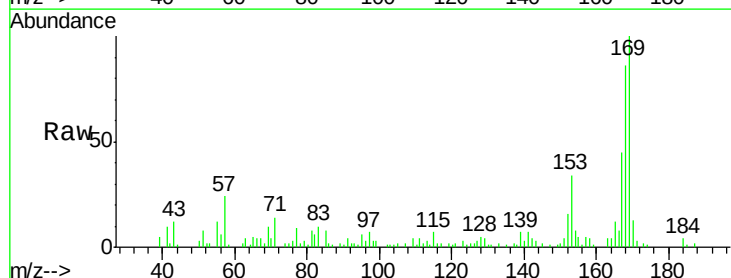
Tgt Ion:169 Resp: 57049

Ion Ratio Lower Upper

169 100

168 86.5 53.0 79.6#

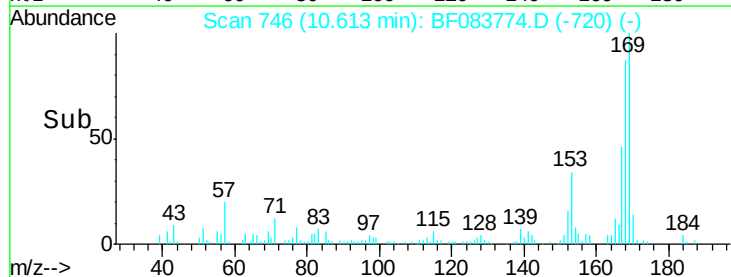
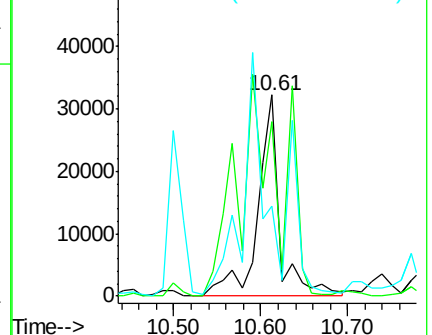
167 44.7 29.3 43.9#

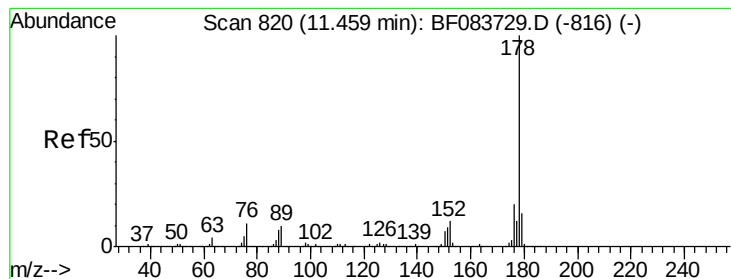


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 204.79 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

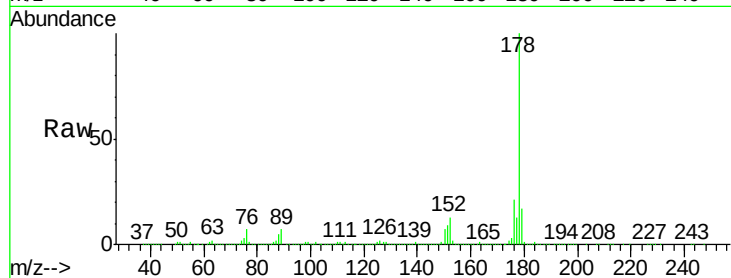
Tot Ion:178 Resp: 2655452

Ion Ratio Lower Upper

178 100

176 21.1 15.7 23.5

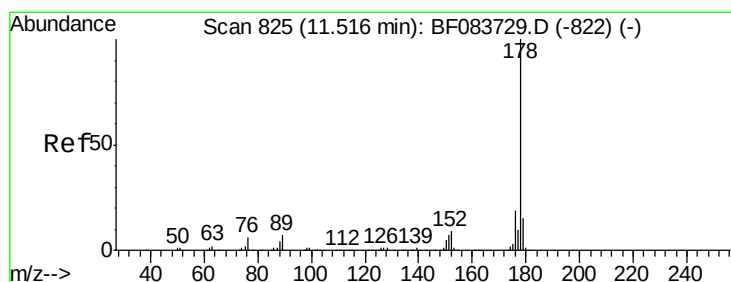
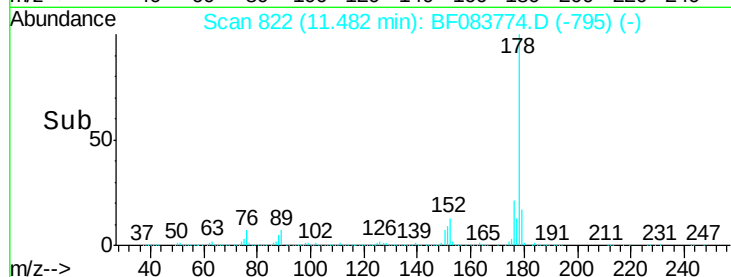
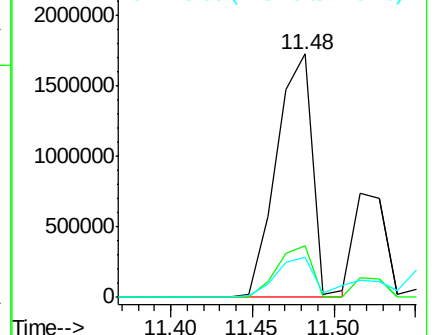
179 16.6 12.2 18.4



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: 76.98 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

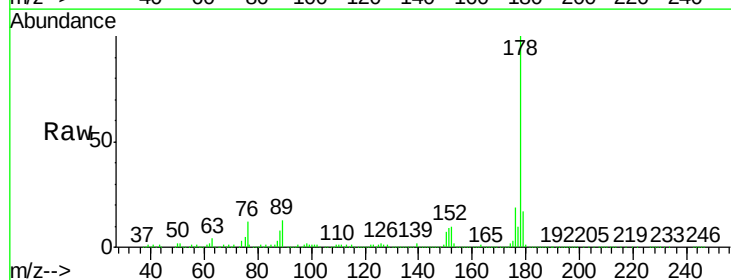
Tgt Ion:178 Resp: 1036671

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

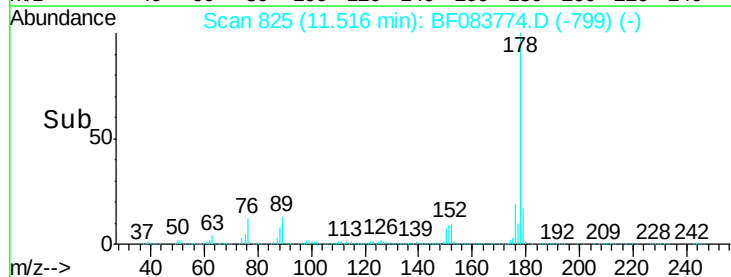
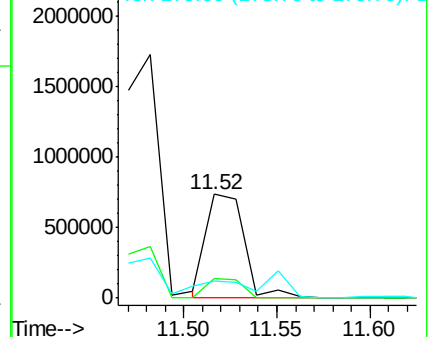
179 16.9 12.6 18.8

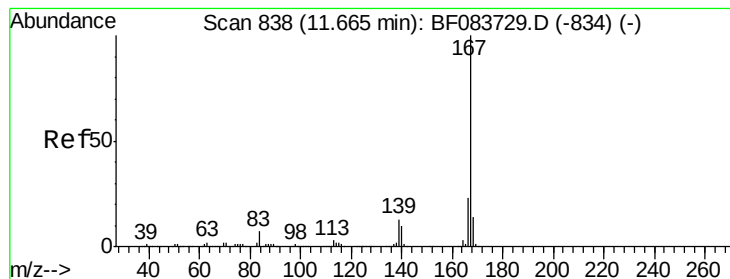


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 60.93 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

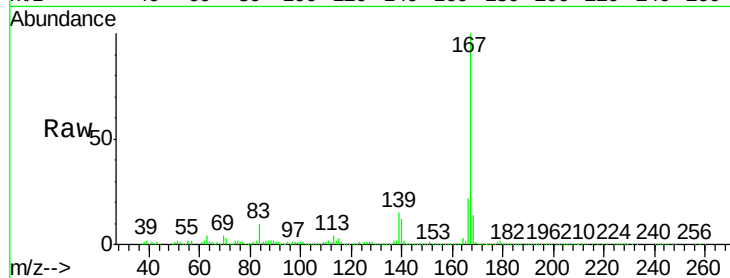
Tot Ion:167 Resp: 764493

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

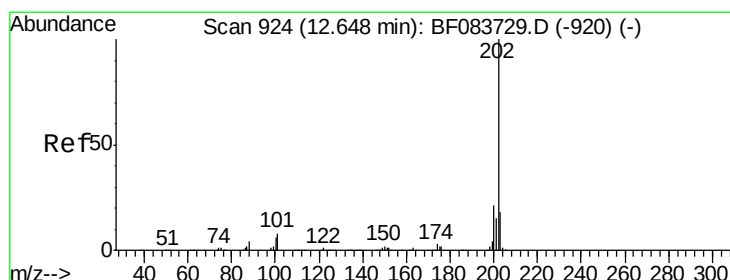
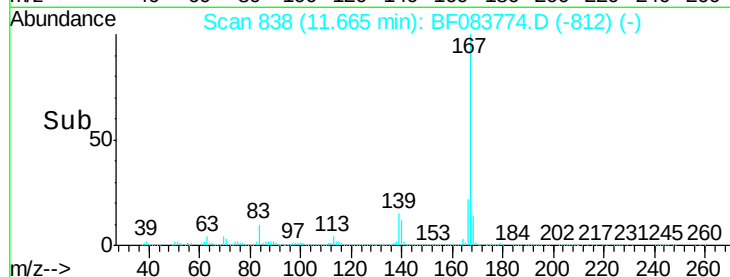
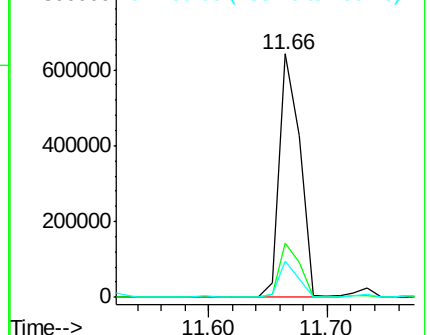
139 14.9 9.3 13.9#



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



#74

Fluoranthene

Concen: 390.53 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.03 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

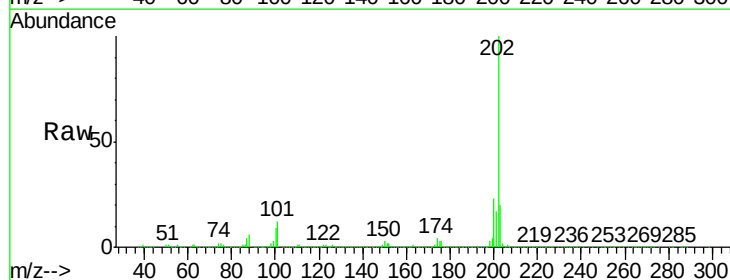
Tgt Ion:202 Resp: 5232399

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.5

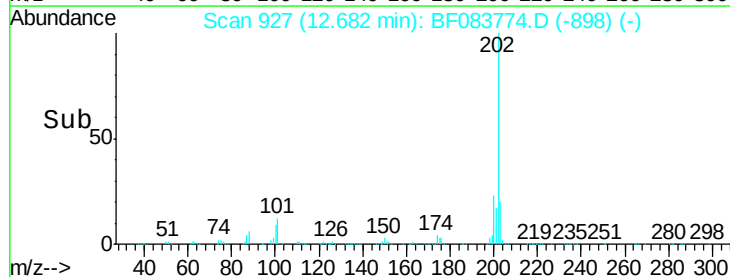
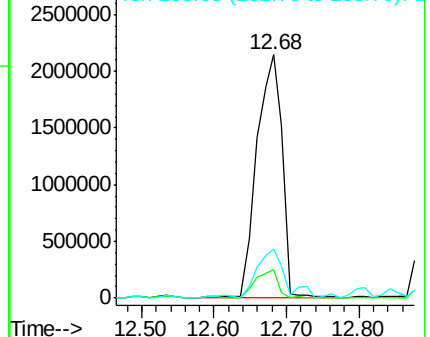
203 20.2 0.0 37.6

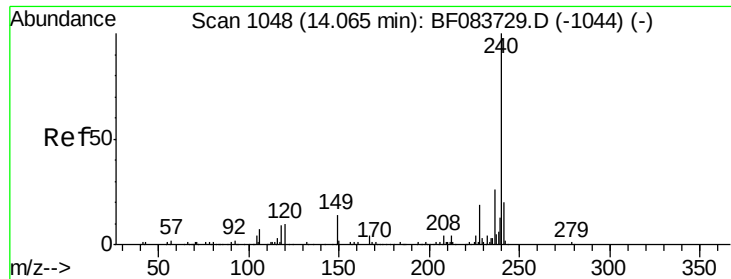


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1052

Delta R.T. 0.03 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

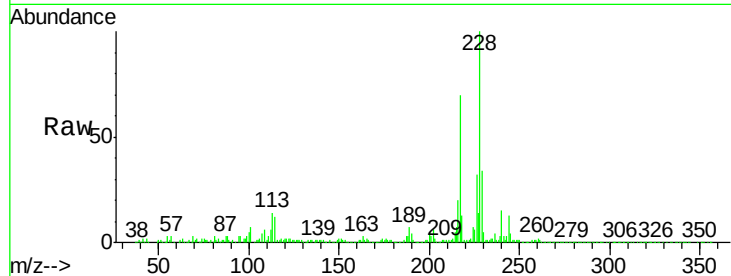
Tot Ion:240 Resp: 162315

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

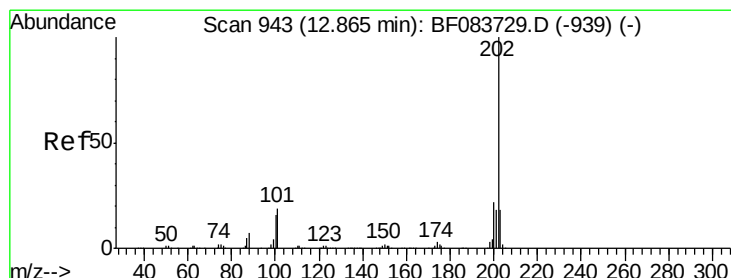
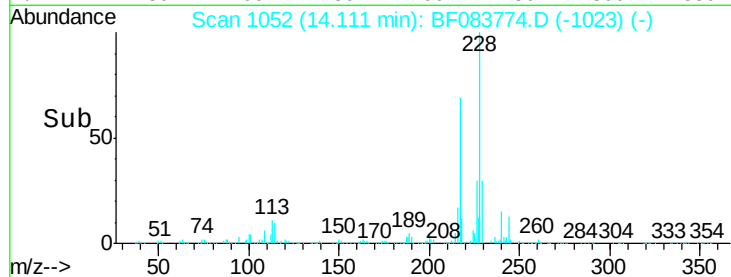
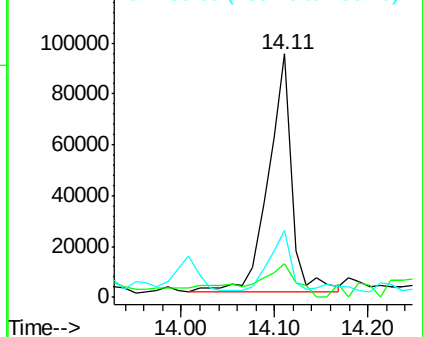
236 27.4 20.8 31.2



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: 404.68 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.19 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

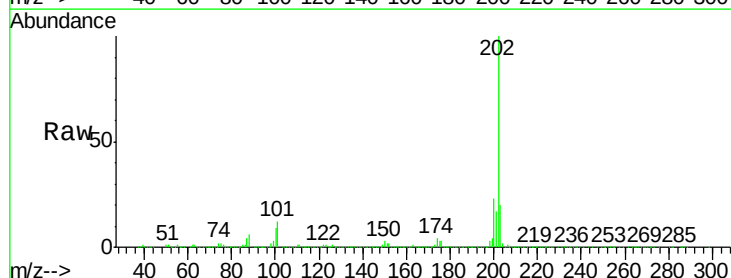
Tgt Ion:202 Resp: 5191584

Ion Ratio Lower Upper

202 100

200 23.3 16.7 25.1

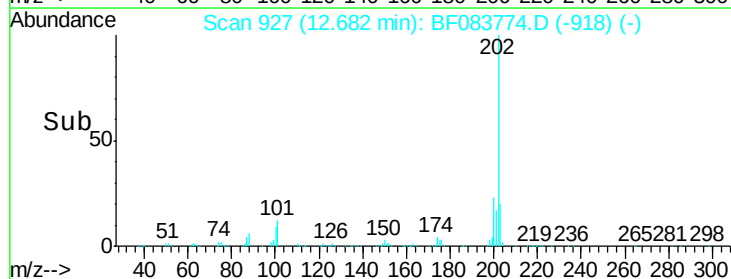
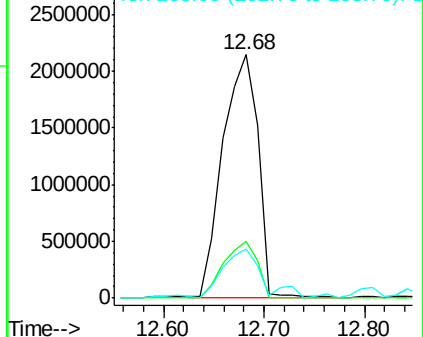
203 20.2 14.3 21.5

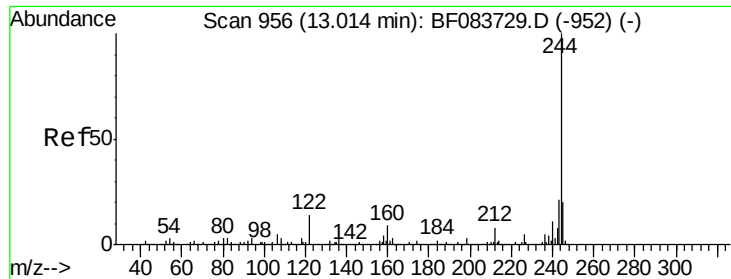


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 22.68 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

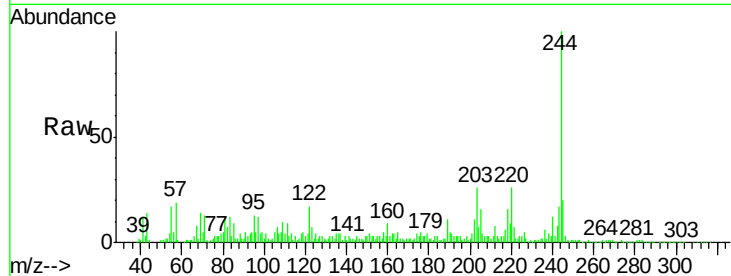
Tot Ion:244 Resp: 171142

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

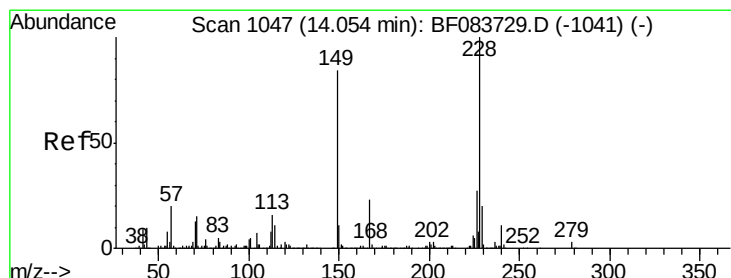
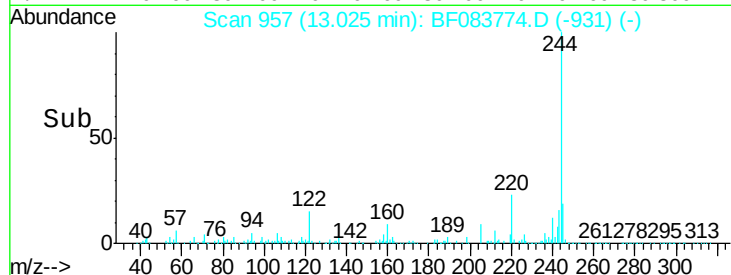
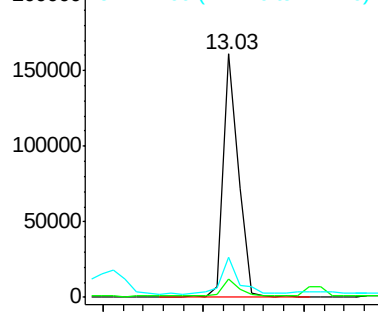
122 16.7 11.0 16.6#



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: 349.29 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

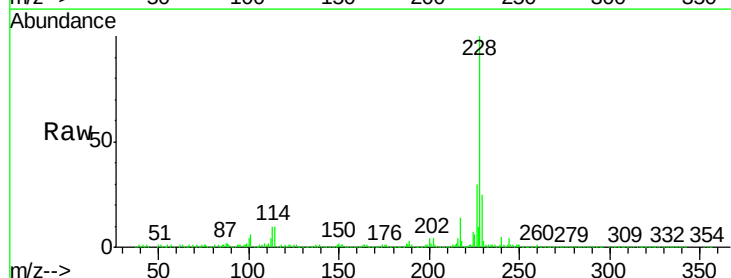
Tgt Ion:228 Resp: 3223856

Ion Ratio Lower Upper

228 100

226 30.0 22.3 33.5

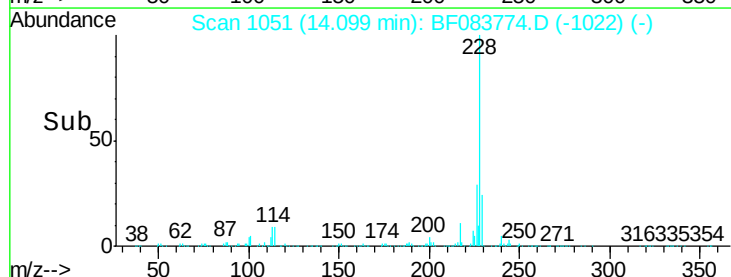
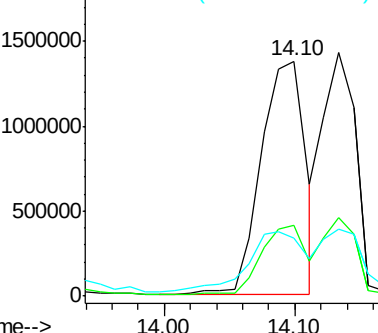
229 24.7 15.7 23.5#

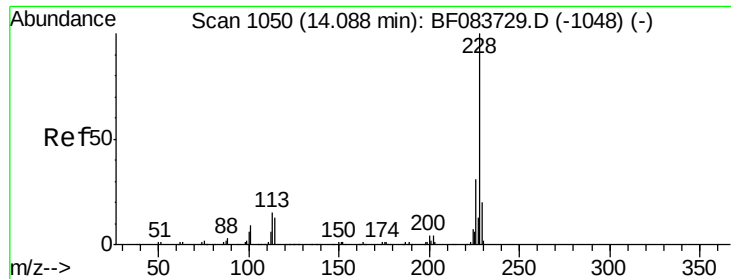


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 275.49 ng

RT: 14.13 min Scan# 1054

Delta R.T. 0.03 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

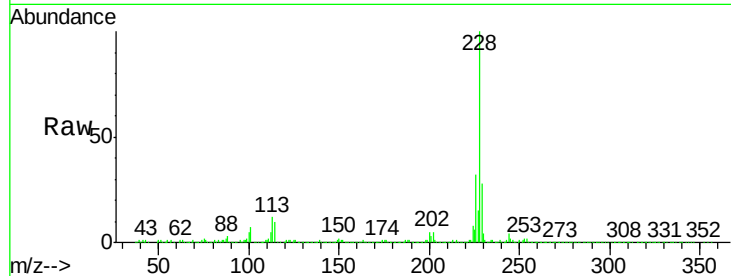
Tot Ion:228 Resp: 2480087

Ion Ratio Lower Upper

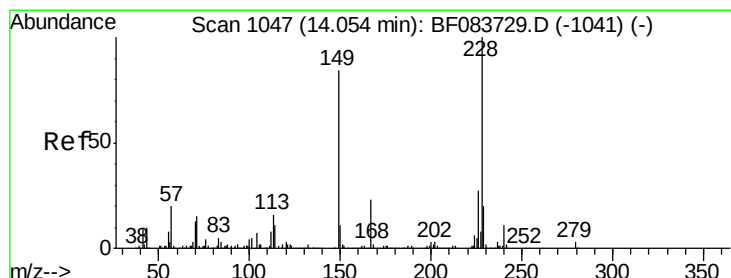
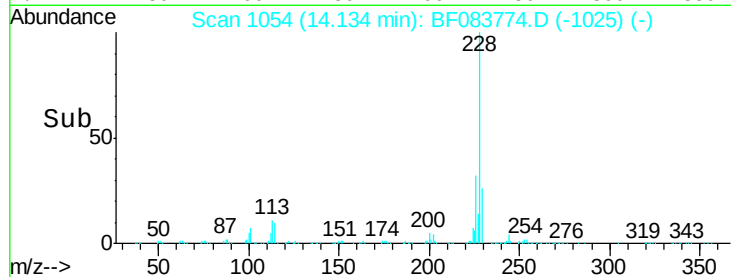
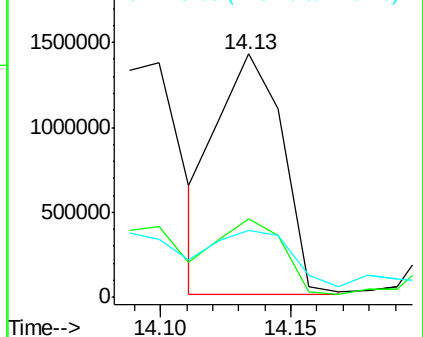
228 100

226 32.5 24.7 37.1

229 27.8 16.3 24.5#



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: 2.44 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

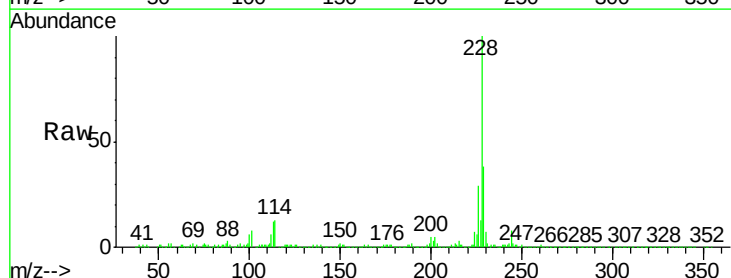
Tgt Ion:149 Resp: 15291

Ion Ratio Lower Upper

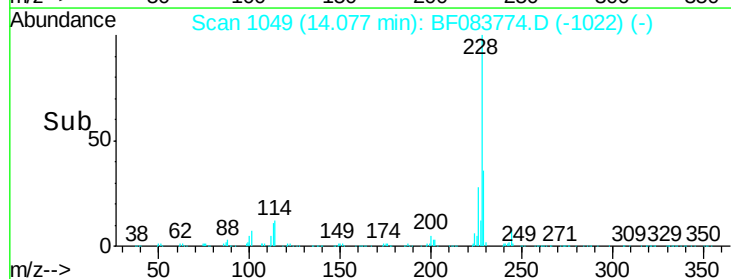
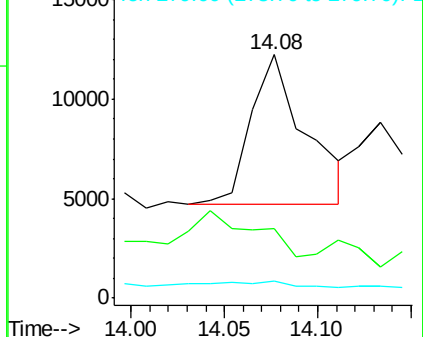
149 100

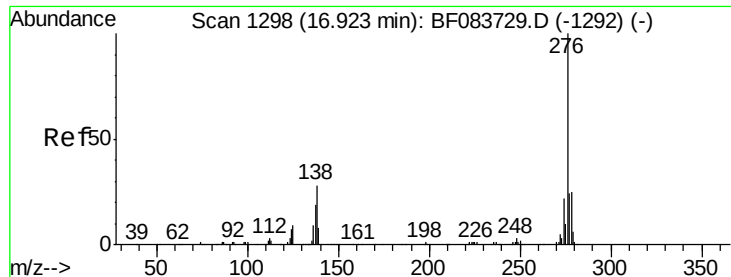
167 28.8 21.8 32.8

279 7.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

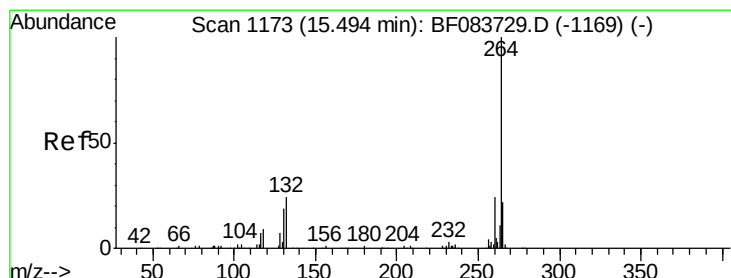
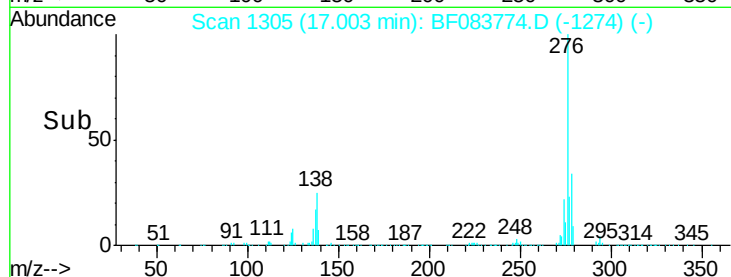
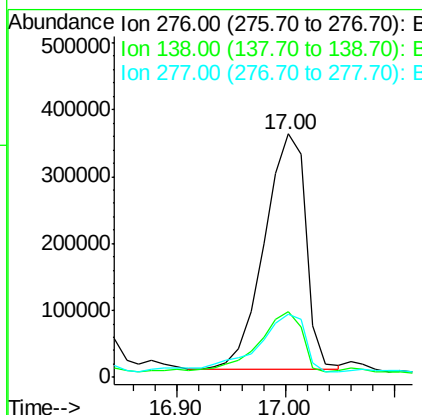
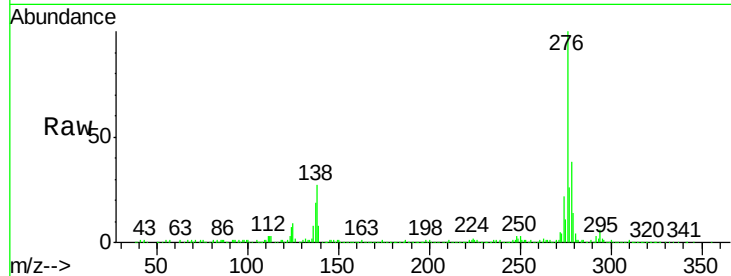




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 105.23 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. 0.06 min
 Lab File: BF083774.D
 Acq: 14 Dec 2015 12:33

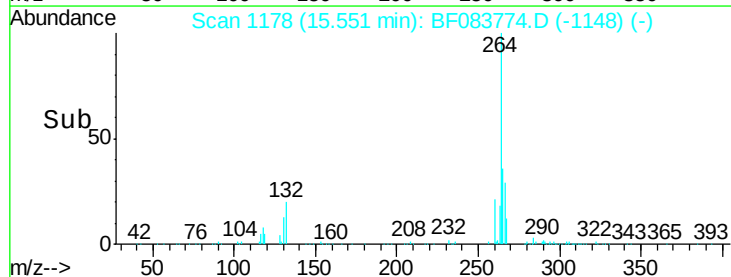
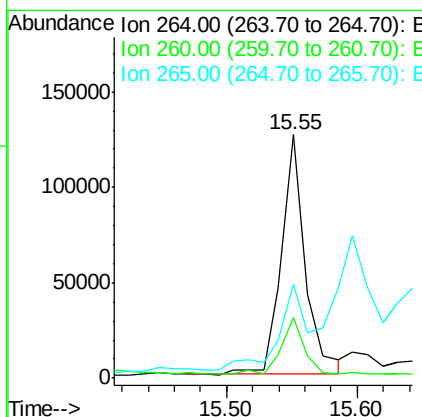
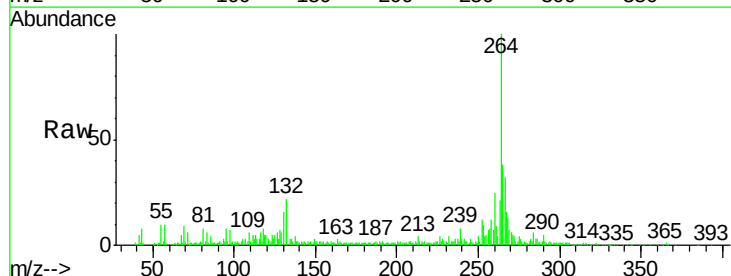
Instrument :
 BNA_F
 ClientSampled :

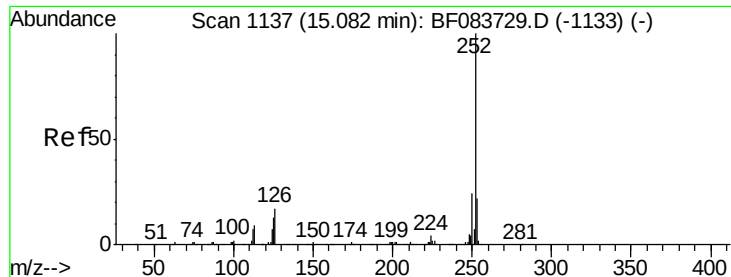
Tot Ion:276 Resp: 930417
 Ion Ratio Lower Upper
 276 100
 138 27.7 0.0 0.0#
 277 30.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1178
 Delta R.T. 0.05 min
 Lab File: BF083774.D
 Acq: 14 Dec 2015 12:33

Tgt Ion:264 Resp: 161367
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.0
 265 38.4 17.8 26.6#





#87

Benzo(b)fluoranthene

Concen: 339.29 ng

RT: 15.14 min Scan# 1142

Delta R.T. 0.05 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

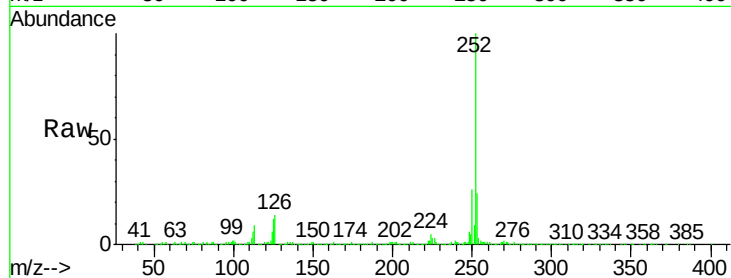
Tot Ion:252 Resp: 3492870

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.4

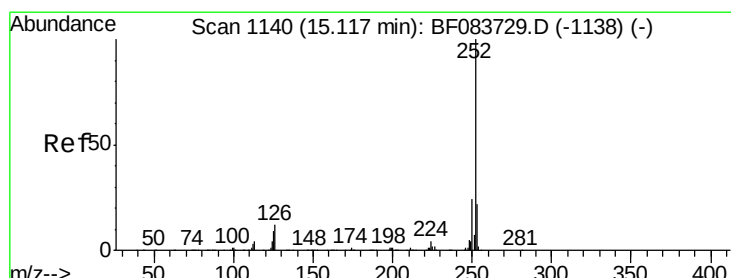
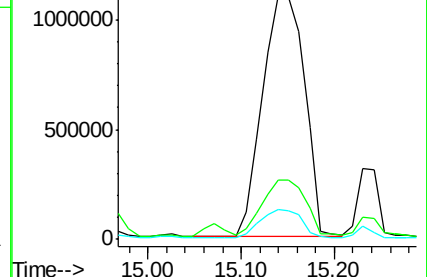
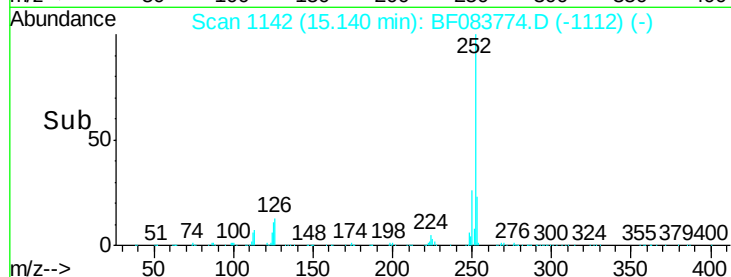
125 12.4 8.2 12.4#



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



#88

Benzo(k)fluoranthene

Concen: 374.45 ng

RT: 15.14 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

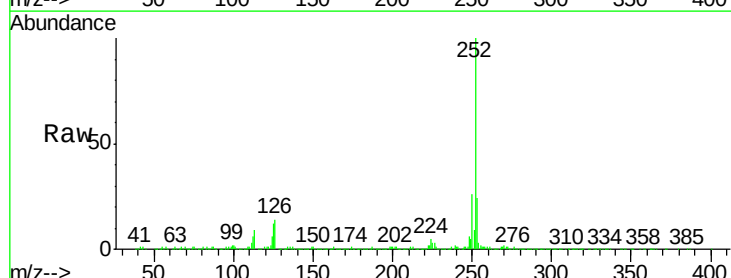
Tgt Ion:252 Resp: 3492870

Ion Ratio Lower Upper

252 100

253 24.3 18.6 27.8

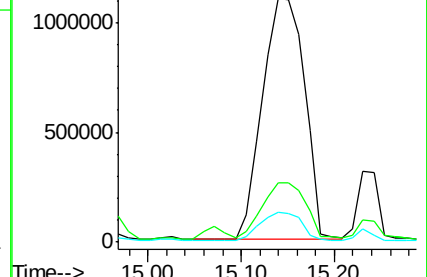
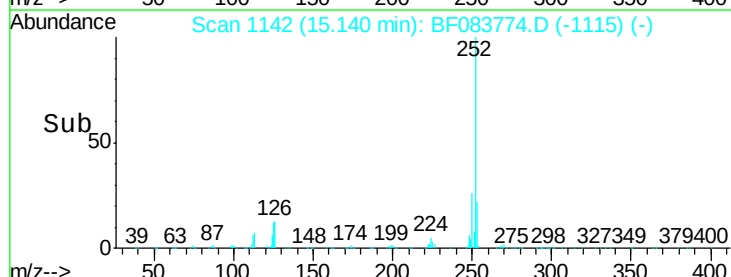
125 12.4 11.5 17.3

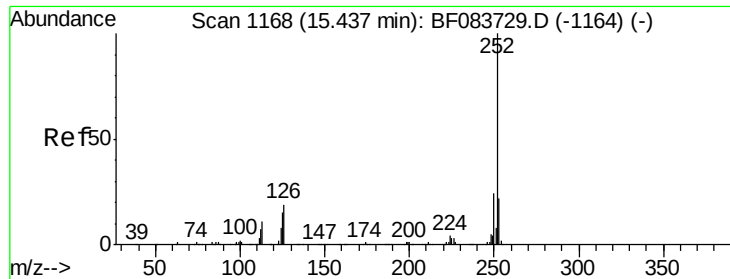


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

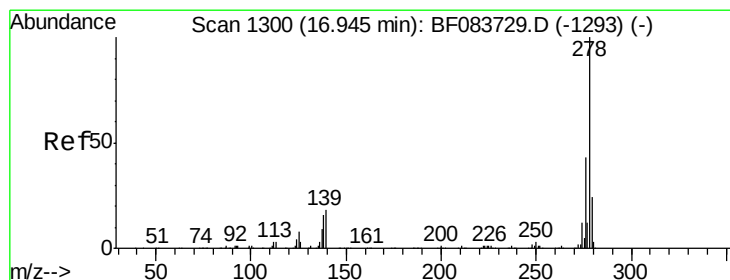
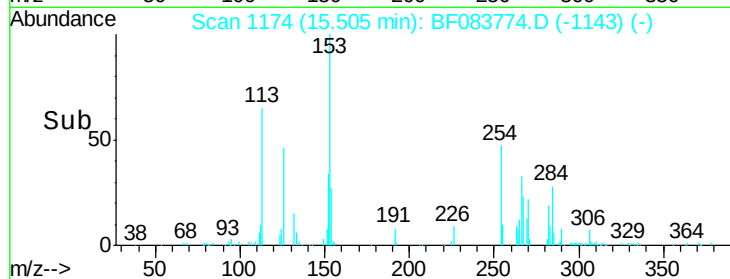
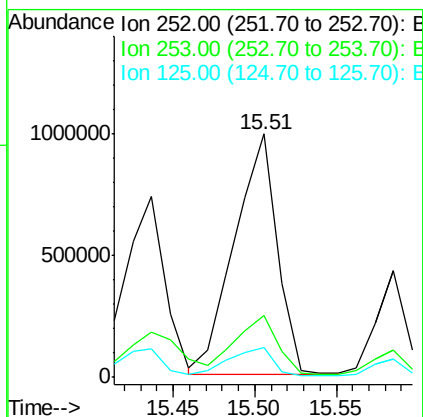
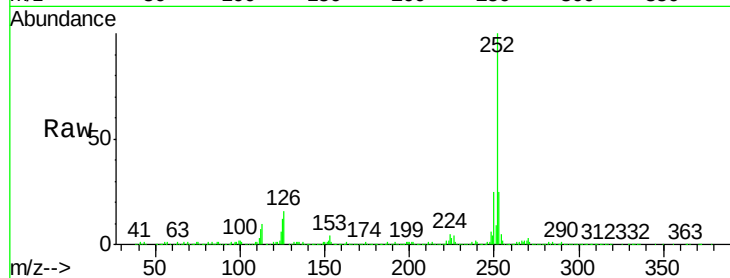




#89
Benzo(a)pyrene
Concen: 195.98 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.06 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

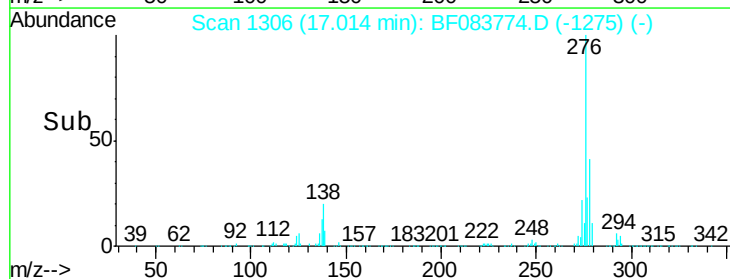
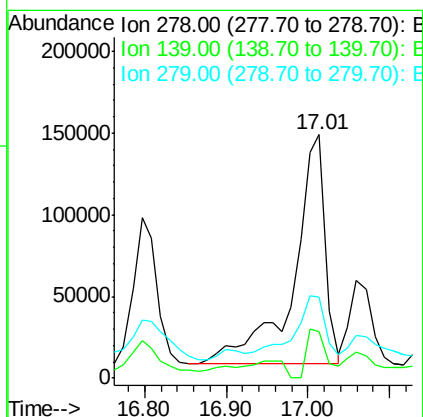
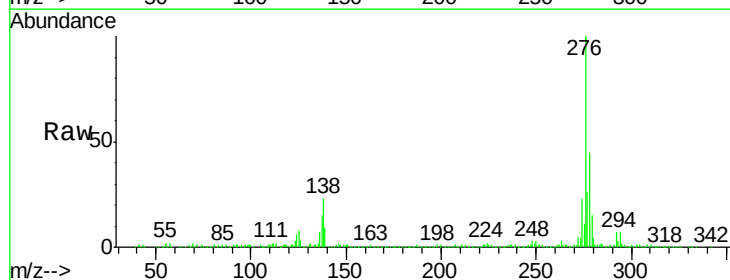
Instrument :
BNA_F
ClientSampleId :

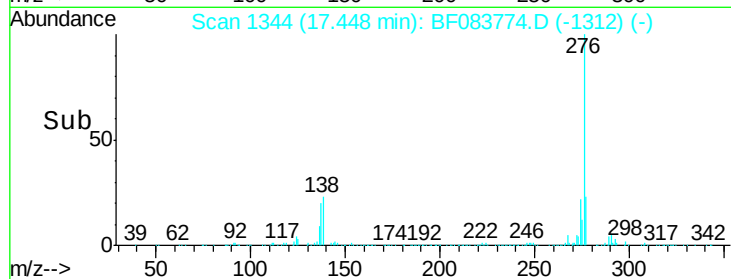
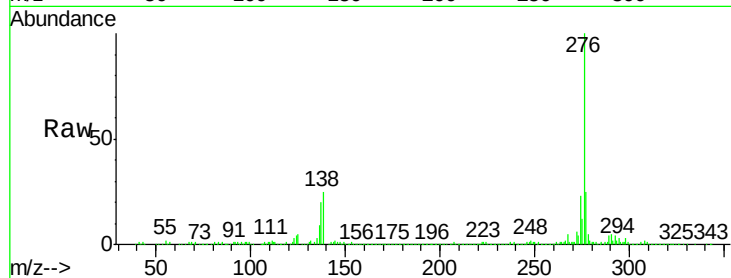
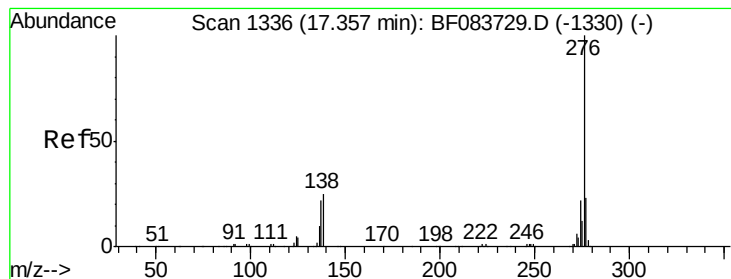
Tot Ion:252 Resp: 1800359
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 12.1 11.0 16.6



#90
Dibenzo(a,h)anthracene
Concen: 41.34 ng
RT: 17.01 min Scan# 1306
Delta R.T. 0.06 min
Lab File: BF083774.D
Acq: 14 Dec 2015 12:33

Tgt Ion:278 Resp: 377612
Ion Ratio Lower Upper
278 100
139 19.3 12.8 19.2#
279 33.3 18.6 28.0#





#91

Benzo(a,h,i)perylene

Concen: 92.64 ng

RT: 17.45 min Scan# 1344

Delta R.T. 0.07 min

Lab File: BF083774.D

Acq: 14 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 869902

Ion Ratio Lower Upper

276 100

277 25.0 19.2 28.8

138 24.8 19.5 29.3

