

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084684.D
 Acq On : 30 Jan 2016 14:22
 Operator : SJ/IZ
 Sample : H1273-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(12-13)

Quant Time: Feb 01 00:27:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167638	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	593518	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	225654	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	348817	20.00	ng	0.00
75) Chrysene-d12	13.88	240	308550	20.00	ng	0.01
86) Perylene-d12	15.28	264	376936	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1225934	110.39	ng	0.02
7) Phenol-d6	6.38	99	1413893	106.22	ng	0.01
23) Nitrobenzene-d5	7.29	82	847321	79.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	235563	99.60	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1204353	79.33	ng	0.00
78) Terphenyl-d14	12.83	244	781169	57.18	ng	0.00

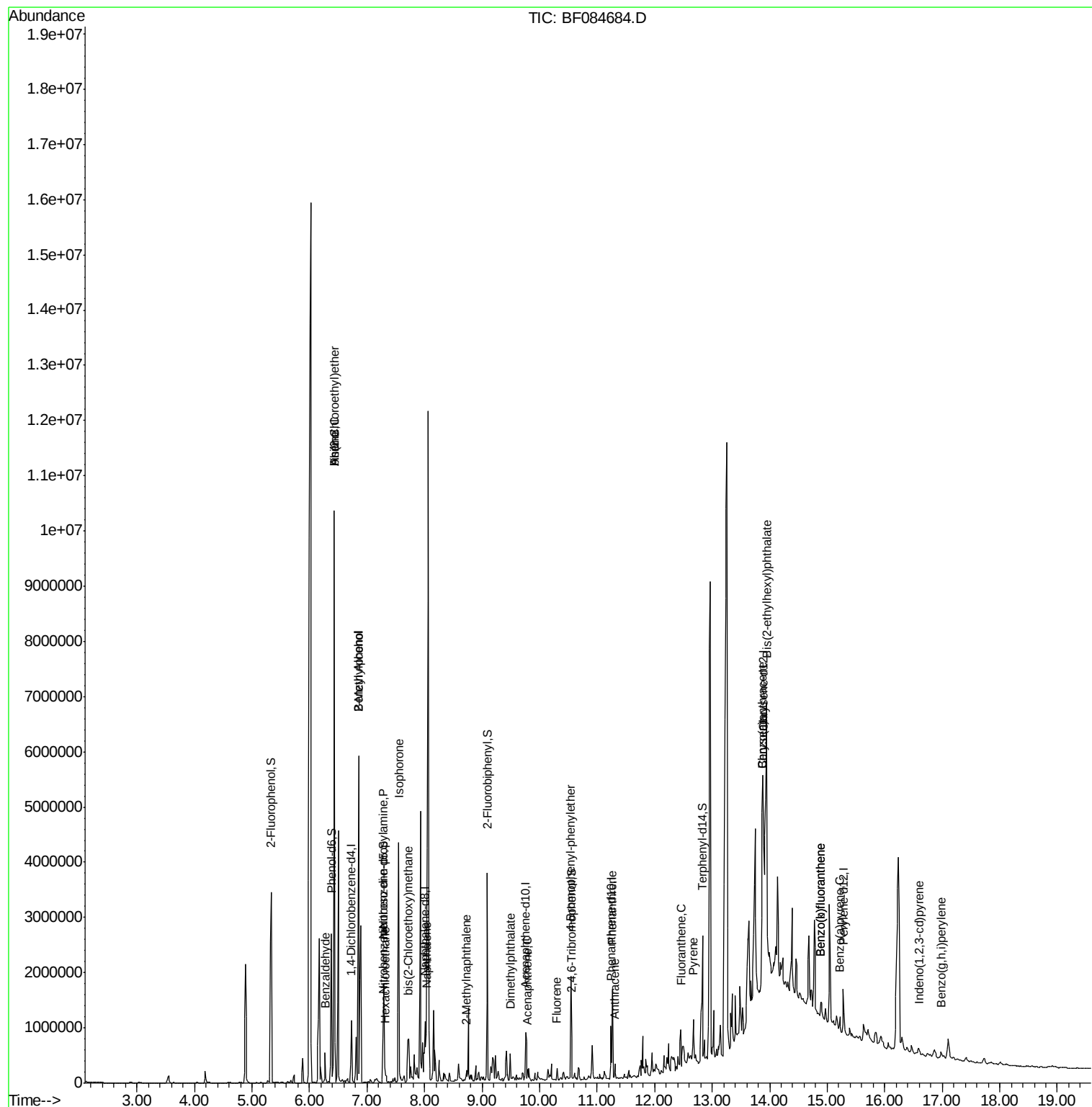
Target Compounds						Qvalue
6) Aniline	6.43	93	2432656	142.38	ng	# 38
9) Benzaldehyde	6.27	77	106910	13.87	ng	96
10) Phenol	6.43	94	365791	24.66	ng	# 56
11) bis(2-Chloroethyl)ether	6.43	93	2432656	210.84	ng	# 29
15) Benzyl Alcohol	6.85	79	391091	43.17	ng	# 52
17) 2-Methylphenol	6.85	107	202724	21.23	ng	# 1
18) Hexachloroethane	7.31	117	41761	8.24	ng	# 4
19) n-Nitroso-di-n-propylamine	7.29	70	113601	13.97	ng	# 67
24) Nitrobenzene	7.28	77	38265	3.39	ng	# 38
25) Isophorone	7.55	82	117516	5.91	ng	# 48
28) bis(2-Chloroethoxy)methane	7.71	93	36919	3.09	ng	# 43
31) Naphthalene	8.03	128	136812	4.57	ng	97
37) 2-Methylnaphthalene	8.73	142	37106	2.02	ng	96
49) Dimethylphthalate	9.49	163	260721	15.39	ng	# 91
51) Acenaphthene	9.79	154	44325	2.90	ng	93
57) Fluorene	10.30	166	50660	3.27	ng	# 99
66) 4-Bromophenyl-phenylether	10.54	248	14186	3.61	ng	# 1
70) Phenanthrene	11.26	178	556512	28.85	ng	99
71) Anthracene	11.31	178	112645	5.74	ng	97
74) Fluoranthene	12.45	202	368787	19.34	ng	93
77) Pyrene	12.67	202	386679	16.62	ng	97
80) Benzo(a)anthracene	13.87	228	170796	8.88	ng	# 93
82) Chrysene	13.87	228	170796	9.01	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.95	149	98675	7.65	ng	# 42
85) Indeno(1,2,3-cd)pyrene	16.59	276	81102	4.84	ng	95
87) Benzo(b)fluoranthene	14.89	252	213092	8.73	ng	# 91
88) Benzo(k)fluoranthene	14.89	252	212636	10.55	ng	# 95
89) Benzo(a)pyrene	15.22	252	126513	5.99	ng	# 90
91) Benzo(g,h,i)perylene	16.98	276	76172	3.97	ng	96

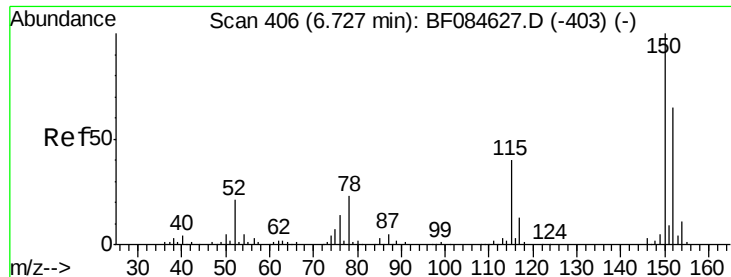
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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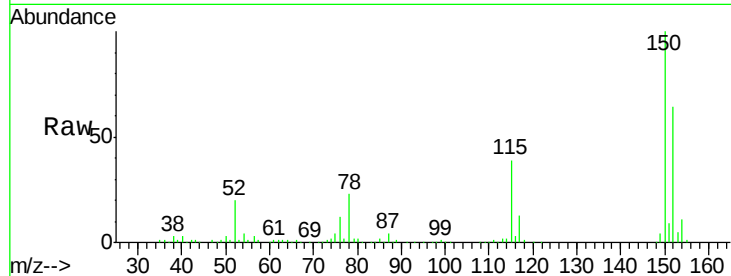


#1

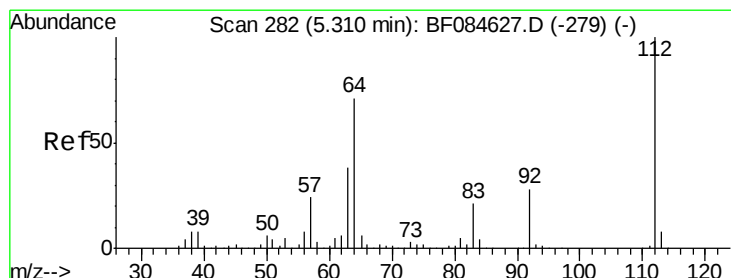
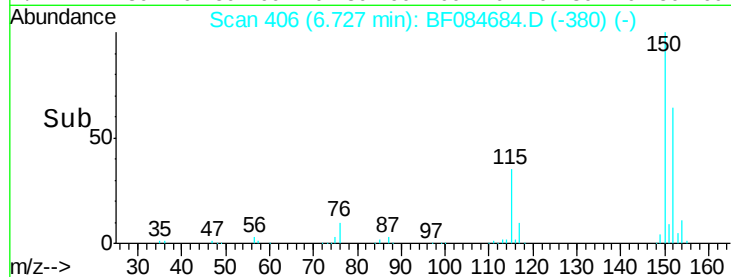
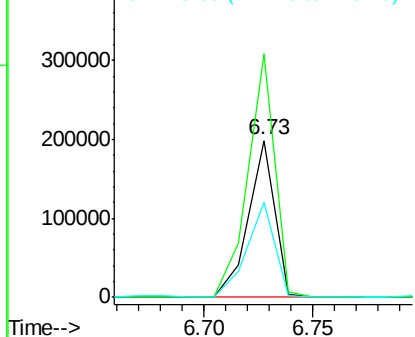
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Instrument :
BNA_F
ClientSampleId :
SUP-B010(12-13)

Tgt Ion:152 Resp: 167638
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.4
115 60.6 51.4 77.2



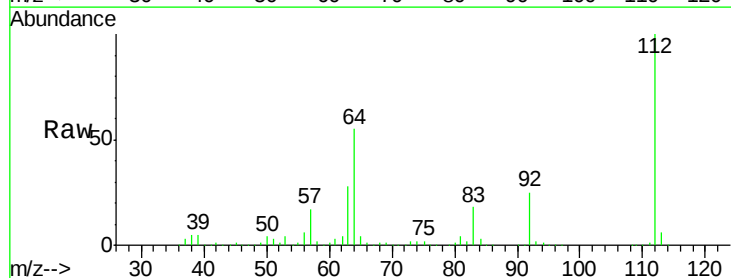
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



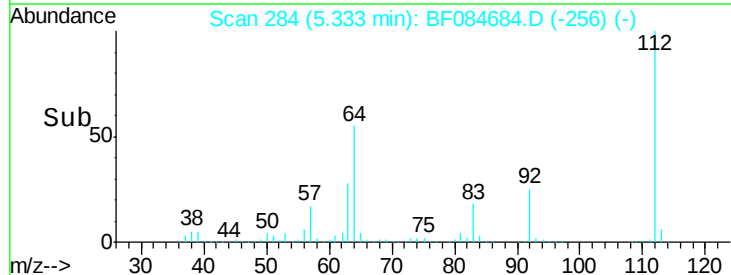
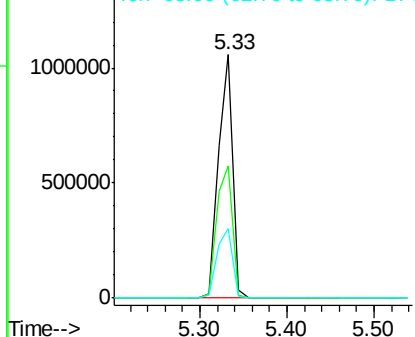
#5

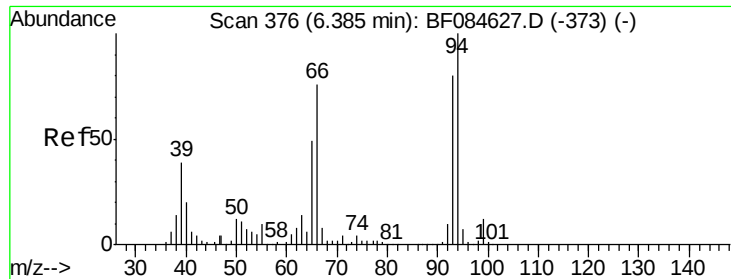
2-Fluorophenol
Concen: 110.39 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Tgt Ion:112 Resp: 1225934
Ion Ratio Lower Upper
112 100
64 54.5 36.6 55.0
63 28.3 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





#6

Aniline

Concen: 142.38 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.05 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

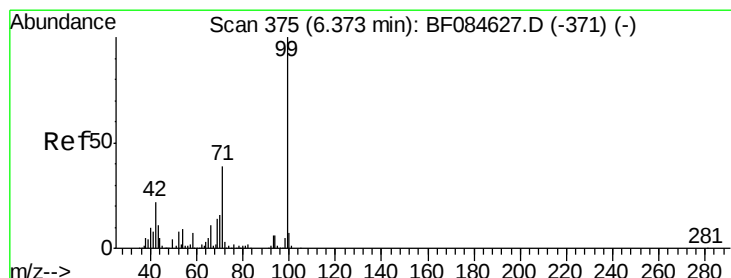
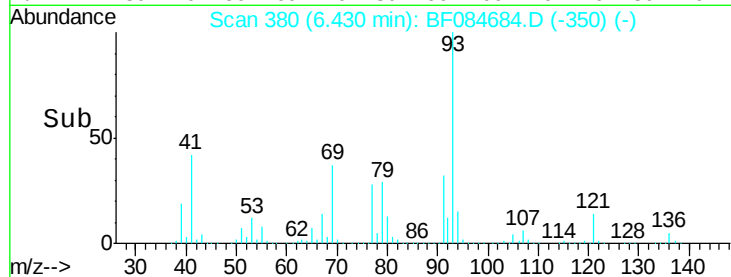
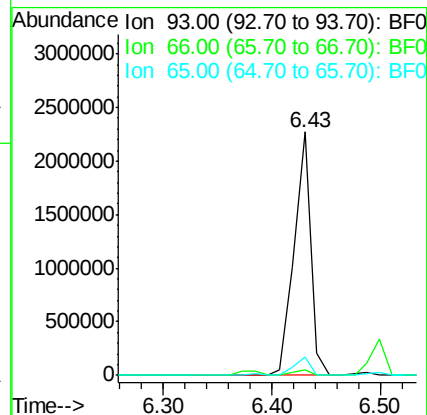
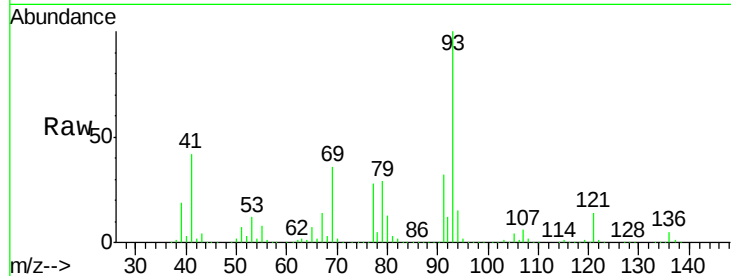
Tgt Ion: 93 Resp: 2432656

Ion Ratio Lower Upper

93 100

66 2.4 44.9 67.3#

65 7.5 23.7 35.5#



#7

Phenol-d6

Concen: 106.22 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

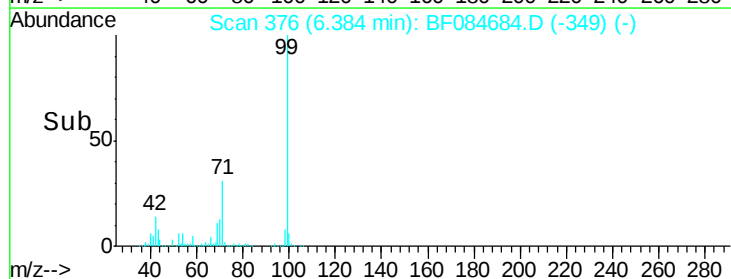
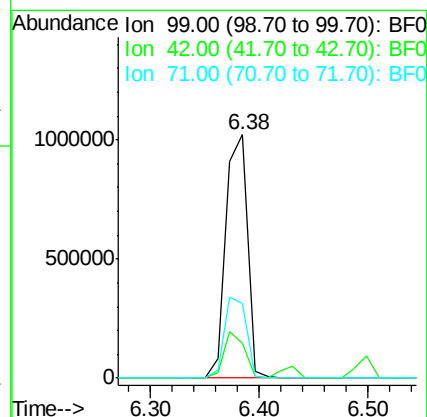
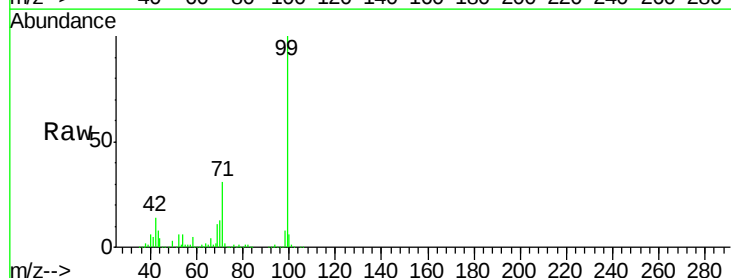
Tgt Ion: 99 Resp: 1413893

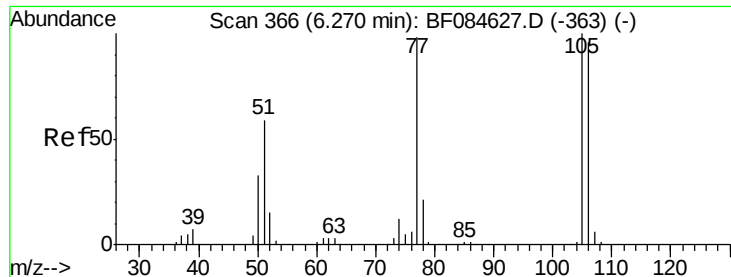
Ion Ratio Lower Upper

99 100

42 14.3 12.8 19.2

71 30.6 30.9 46.3#





#9

Benzaldehyde

Concen: 13.87 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

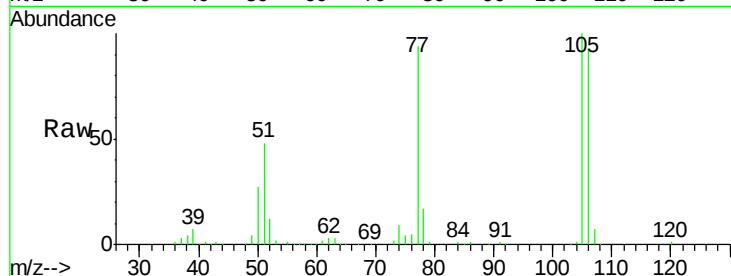
Tgt Ion: 77 Resp: 106910

Ion Ratio Lower Upper

77 100

105 106.9 83.0 123.0

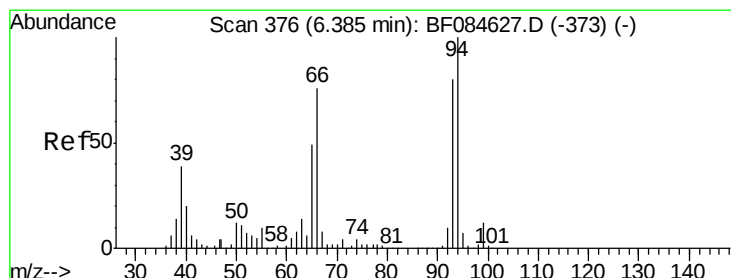
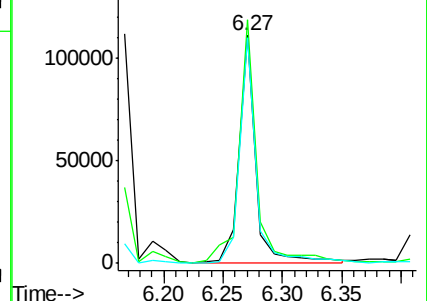
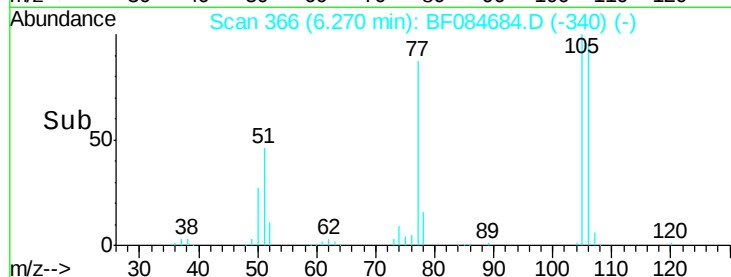
106 99.2 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 24.66 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.05 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

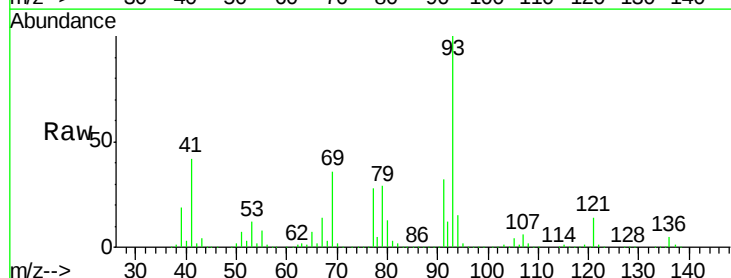
Tgt Ion: 94 Resp: 365791

Ion Ratio Lower Upper

94 100

65 50.1 12.9 52.9

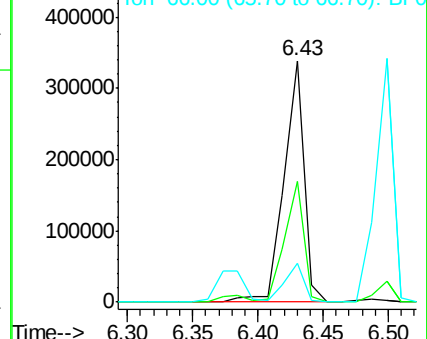
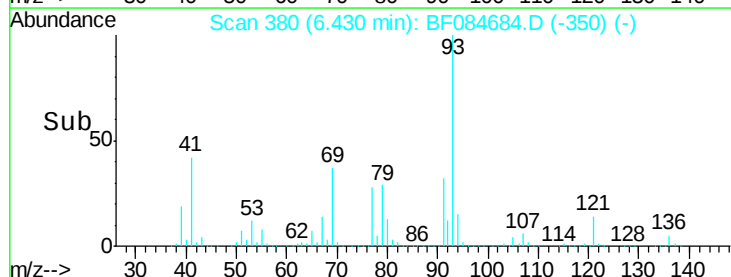
66 16.0 32.7 72.7#

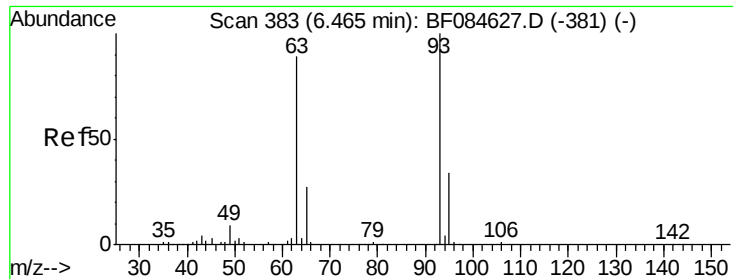


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

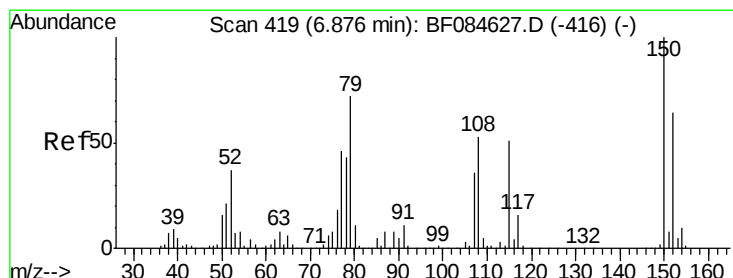
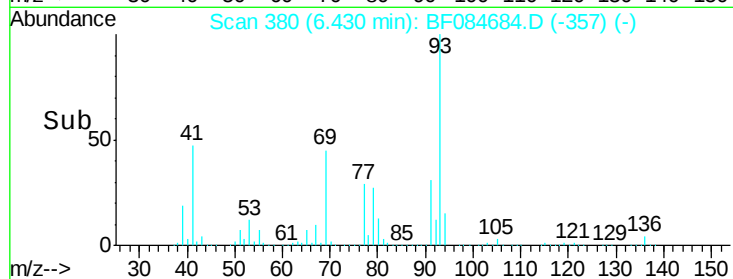
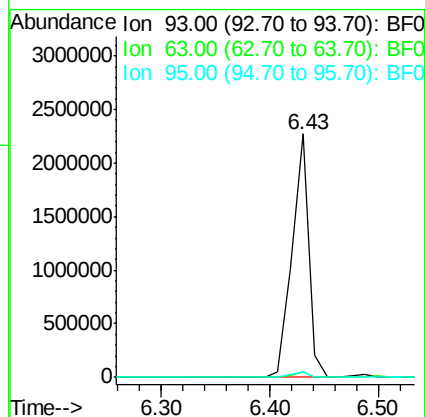
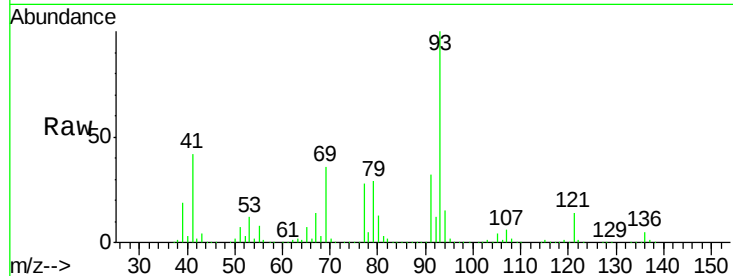




#11
bis(2-Chloroethyl)ether
Concen: 210.84 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.03 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

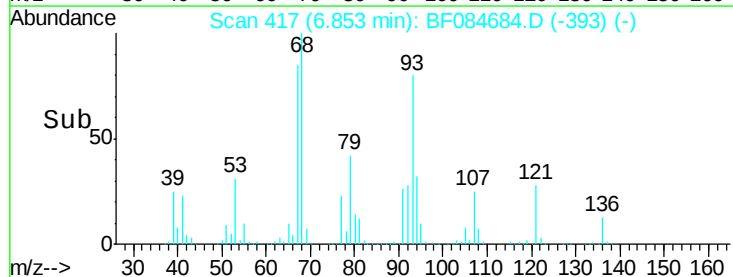
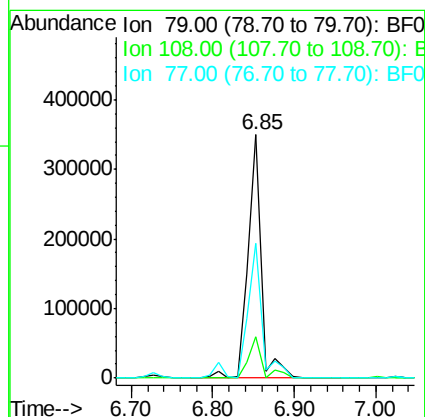
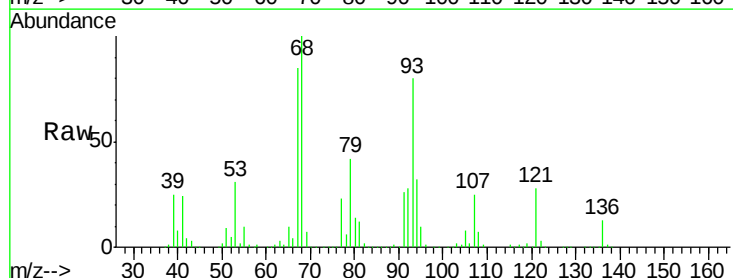
Instrument :
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ClientSampleId :
SUP-B010(12-13)

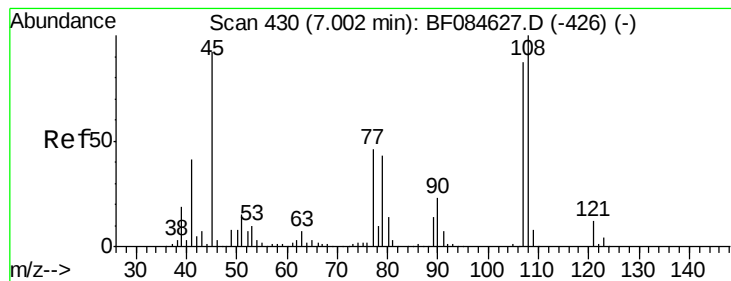
Tgt Ion: 93 Resp: 2432656
Ion Ratio Lower Upper
93 100
63 2.4 45.9 85.9#
95 2.4 12.3 52.3#



#15
Benzyl Alcohol
Concen: 43.17 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Tgt Ion: 79 Resp: 391091
Ion Ratio Lower Upper
79 100
108 16.9 69.0 103.4#
77 55.4 50.0 75.0





#17

2-Methylphenol

Concen: 21.23 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.15 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

Tgt Ion:107 Resp: 202724

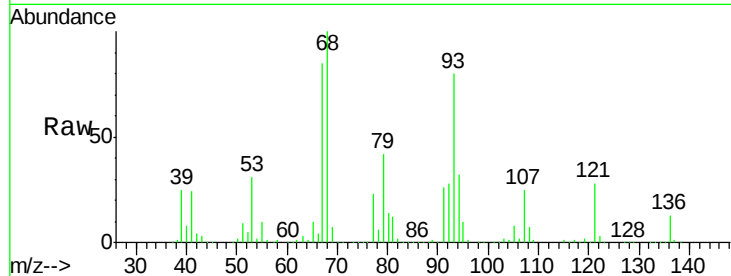
Ion Ratio Lower Upper

107 100

108 28.4 89.8 134.6#

77 93.0 35.7 53.5#

79 167.8 35.7 53.5#



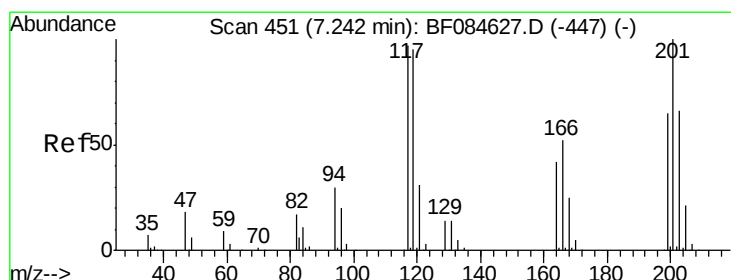
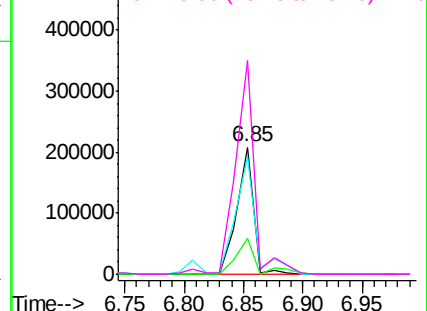
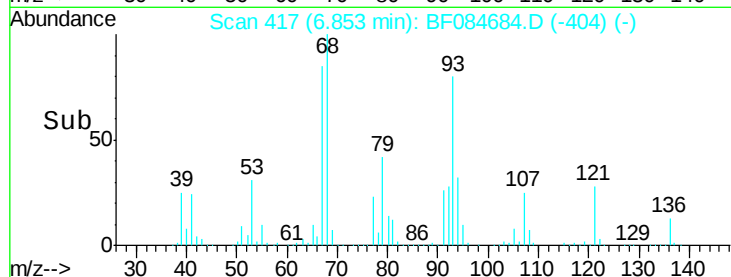
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 8.24 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.07 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

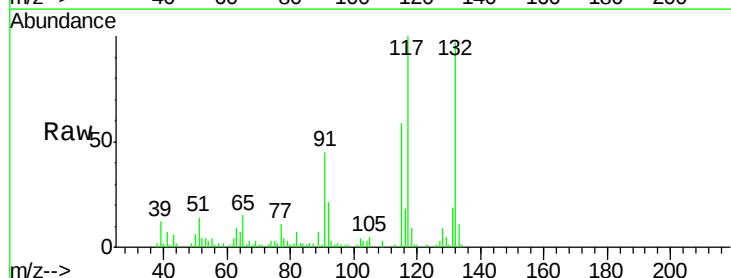
Tgt Ion:117 Resp: 41761

Ion Ratio Lower Upper

117 100

119 1.3 77.4 116.0#

201 0.0 68.6 103.0#

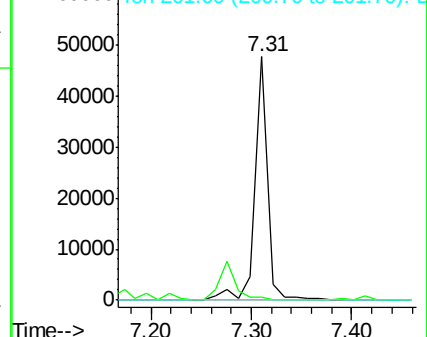
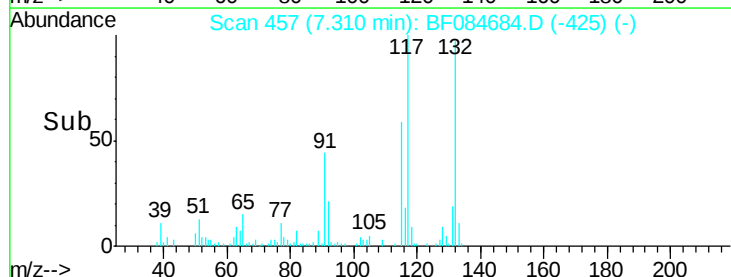


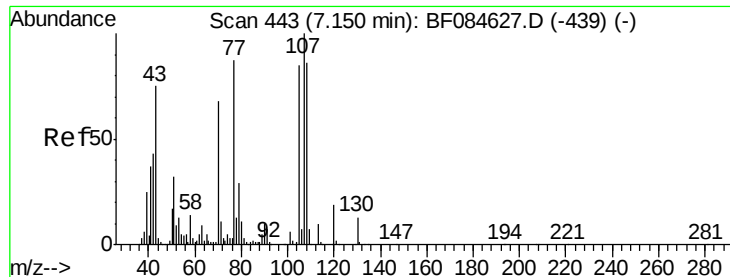
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.97 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

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ClientSampleId :

SUP-B010(12-13)

Tgt Ion: 70 Resp: 113601

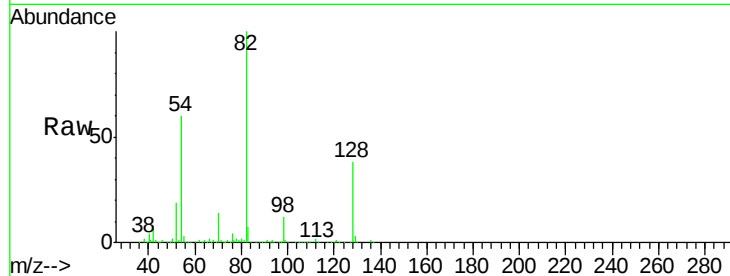
Ion Ratio Lower Upper

70 100

42 55.5 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

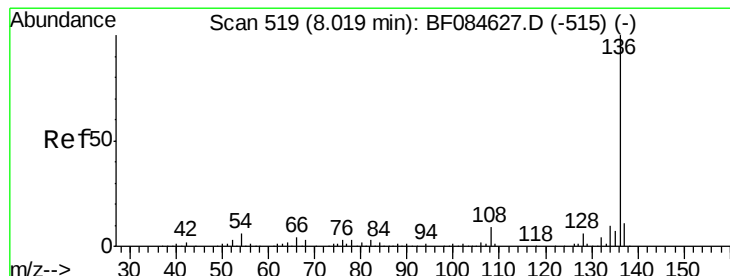
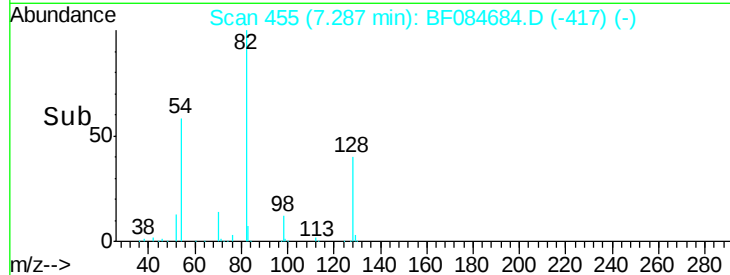
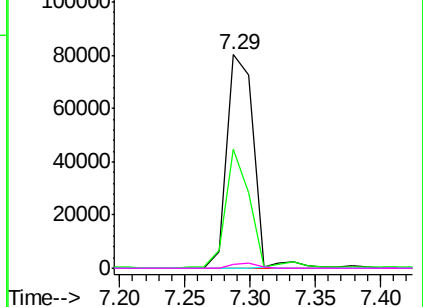


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Tgt Ion: 136 Resp: 593518

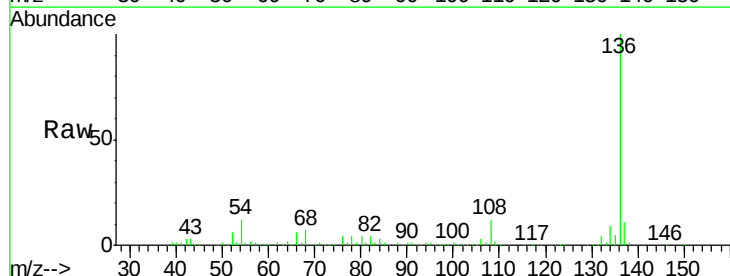
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.7 5.8 8.8#

68 6.6 4.2 6.2#

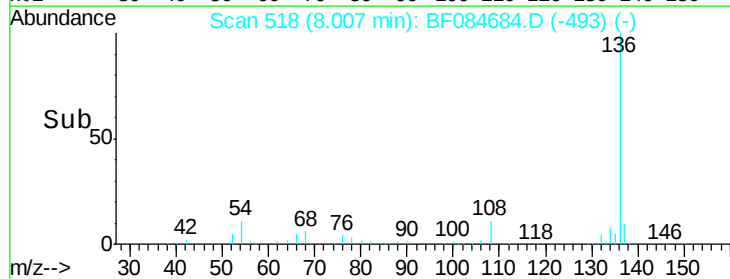
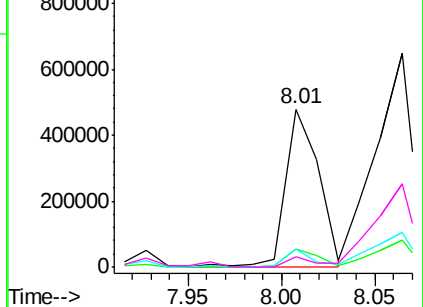


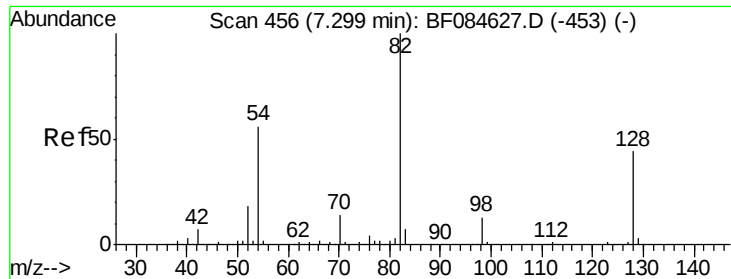
Abundance Ion 136.00 (135.70 to 136.70): E

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

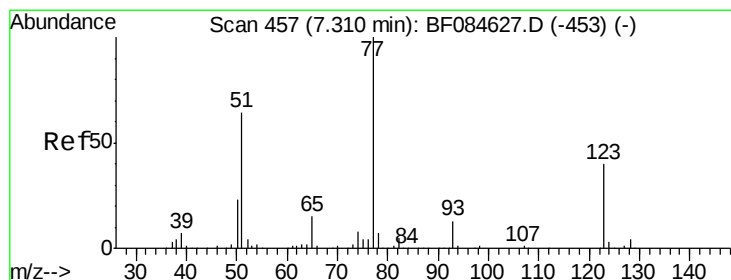
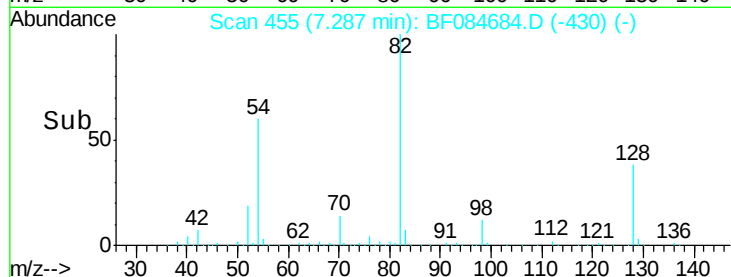
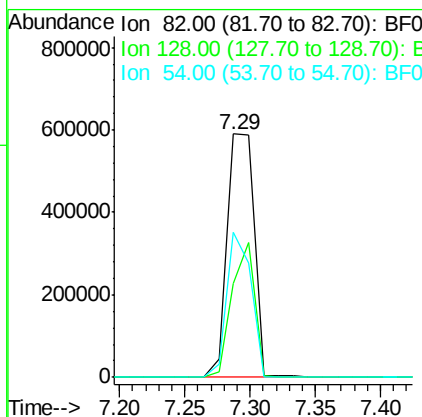
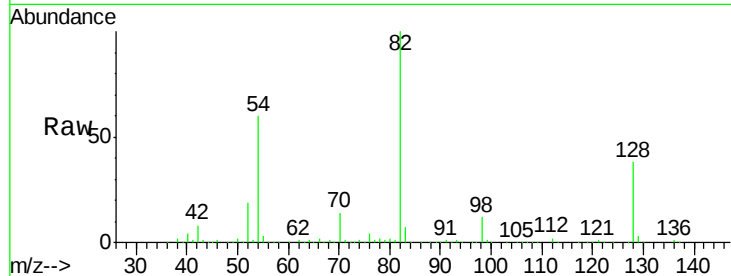




#23
 Nitrobenzene-d5
 Concen: 79.78 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084684.D
 Acq: 30 Jan 2016 14:22

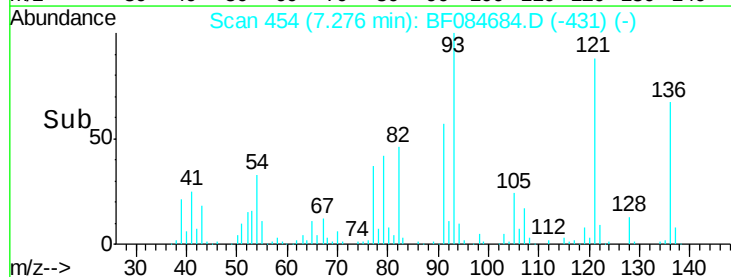
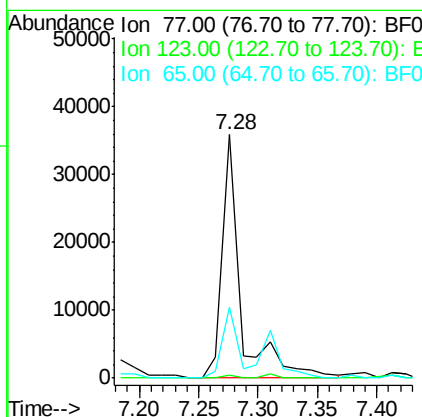
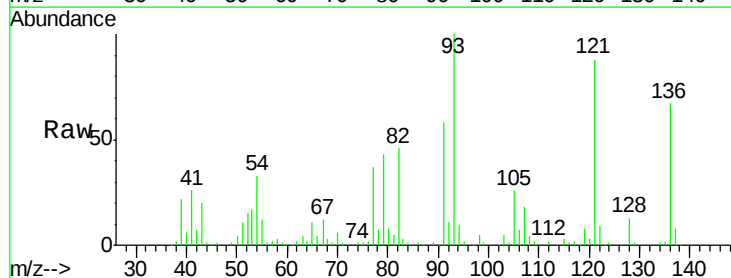
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(12-13)

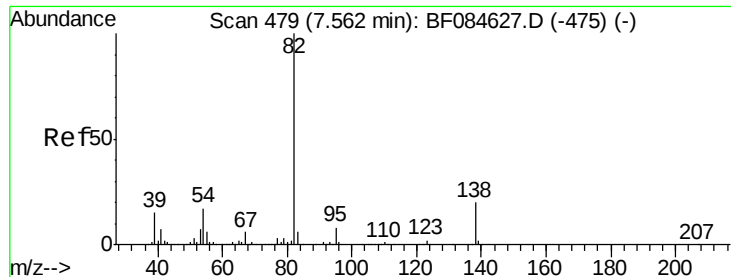
Tgt Ion: 82 Resp: 847321
 Ion Ratio Lower Upper
 82 100
 128 38.5 34.6 51.8
 54 59.7 38.4 57.6#



#24
 Nitrobenzene
 Concen: 3.39 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF084684.D
 Acq: 30 Jan 2016 14:22

Tgt Ion: 77 Resp: 38265
 Ion Ratio Lower Upper
 77 100
 123 1.2 37.4 56.2#
 65 29.2 10.9 16.3#





#25

Isophorone

Concen: 5.91 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

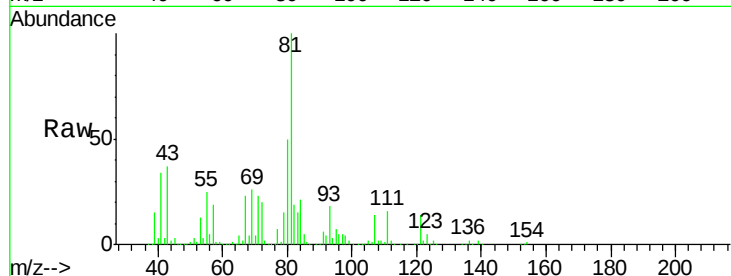
Tgt Ion: 82 Resp: 117516

Ion Ratio Lower Upper

82 100

95 36.1 6.6 10.0#

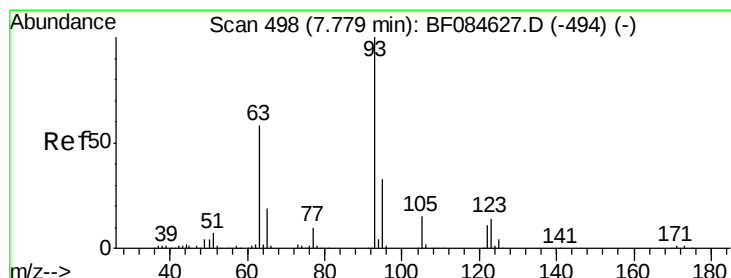
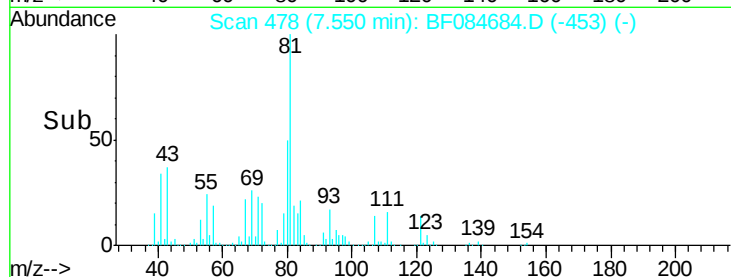
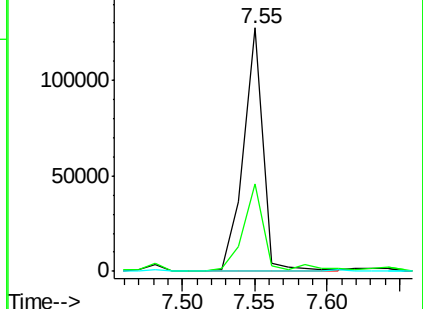
138 0.0 13.6 20.4#



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



#28

bis(2-Chloroethoxy)methane

Concen: 3.09 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

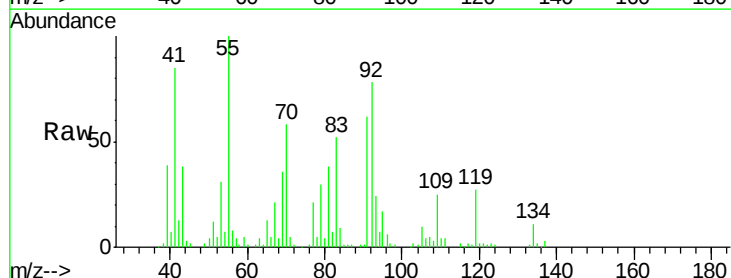
Tgt Ion: 93 Resp: 36919

Ion Ratio Lower Upper

93 100

95 72.6 25.8 38.6#

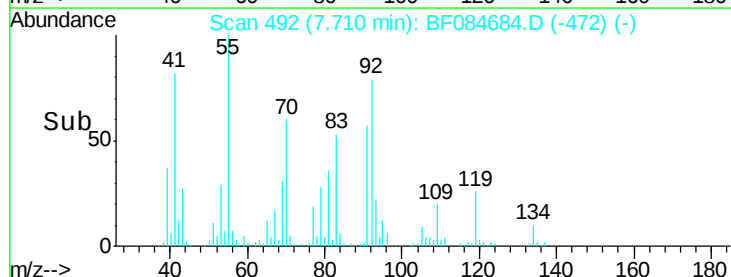
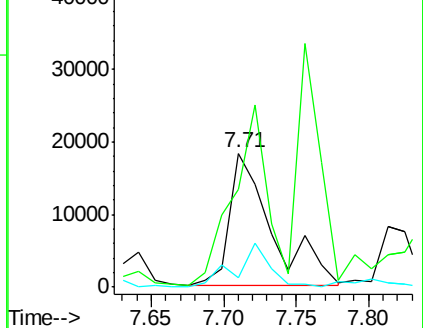
123 7.1 8.6 12.8#

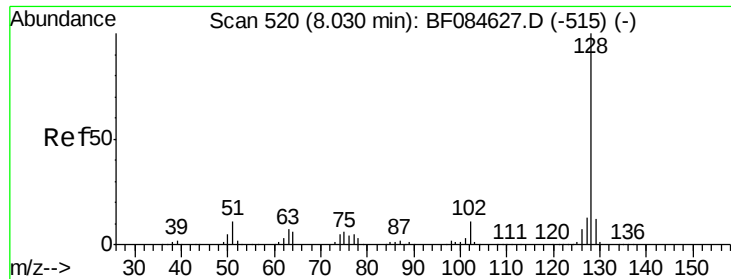


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 4.57 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

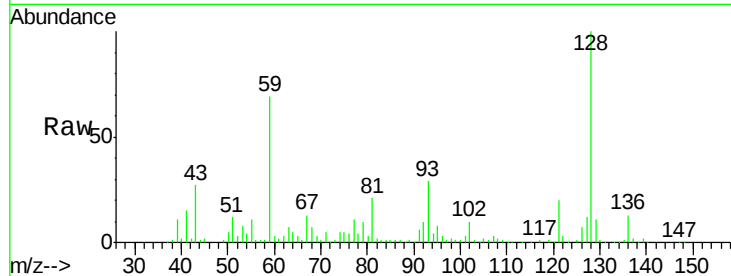
Tgt Ion:128 Resp: 136812

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

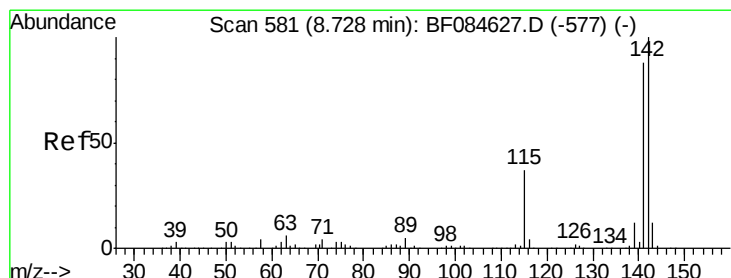
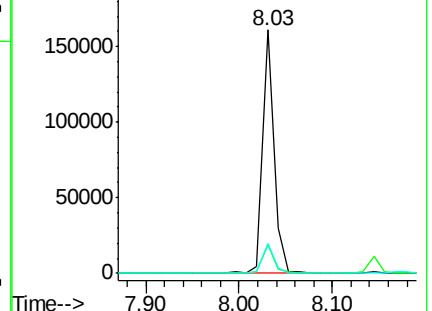
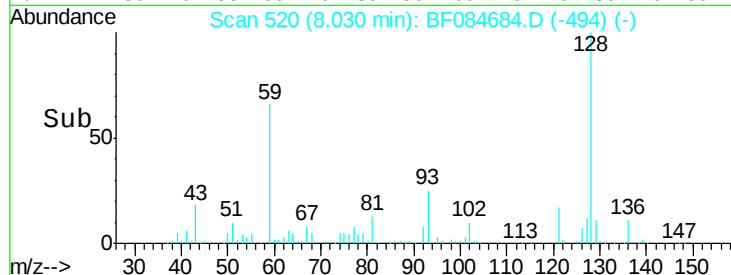
127 12.0 11.1 16.7



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



#37

2-Methylnaphthalene

Concen: 2.02 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

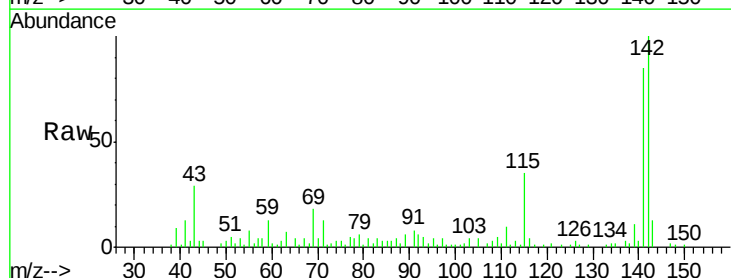
Tgt Ion:142 Resp: 37106

Ion Ratio Lower Upper

142 100

141 85.3 72.4 108.6

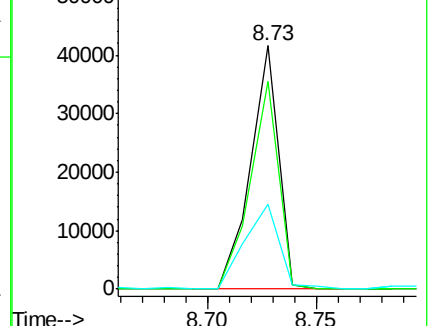
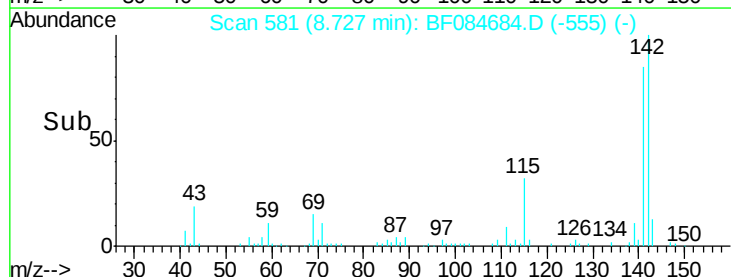
115 34.7 27.9 41.9

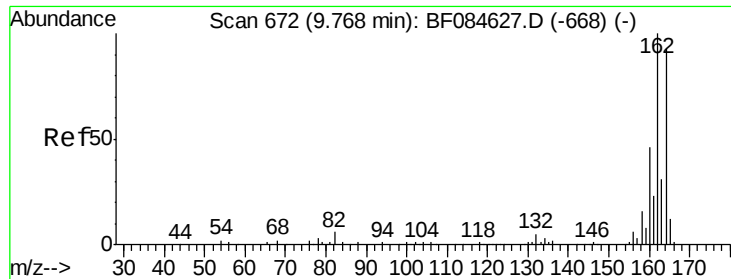


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

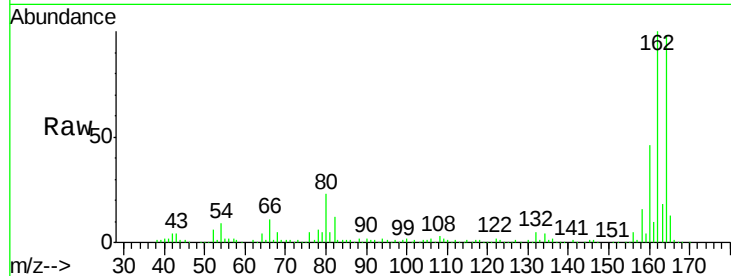




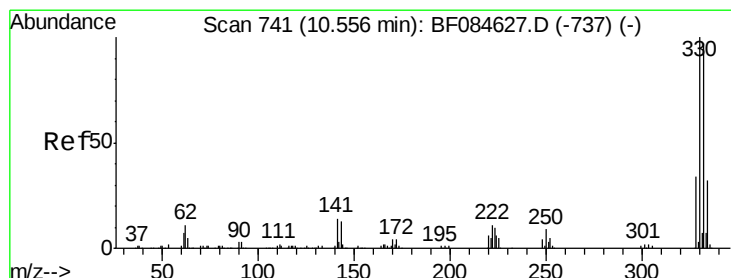
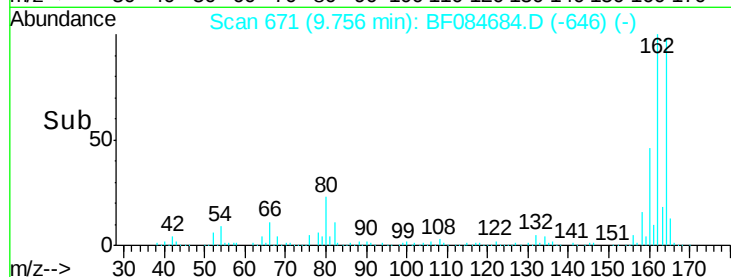
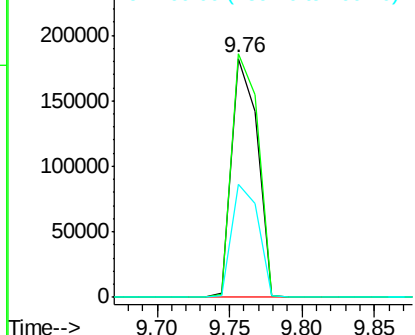
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084684.D
 Acq: 30 Jan 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(12-13)

Tgt Ion:164 Resp: 225654
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 47.2 37.5 56.3

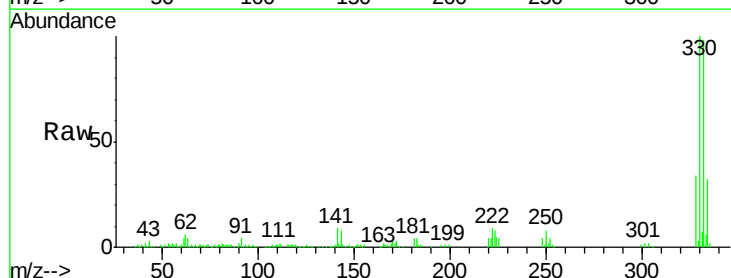


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

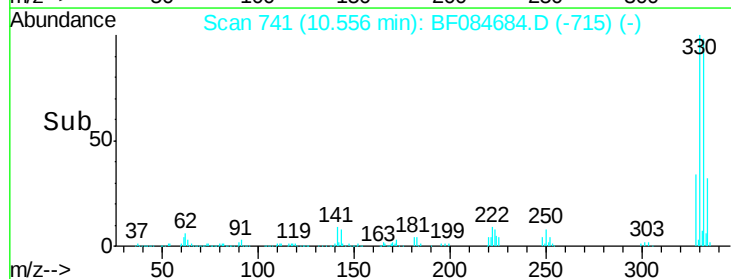
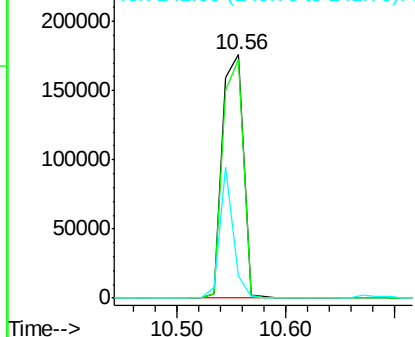


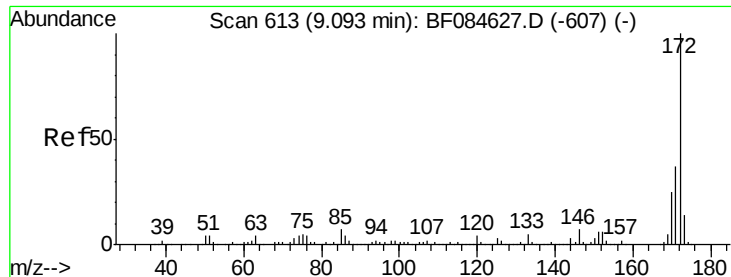
#41
 2,4,6-Tribromophenol
 Concen: 99.60 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084684.D
 Acq: 30 Jan 2016 14:22

Tgt Ion:330 Resp: 235563
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 35.5 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

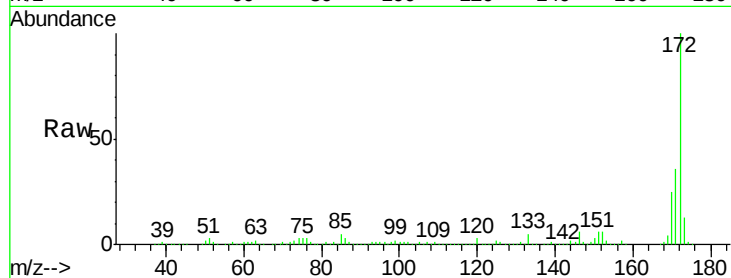




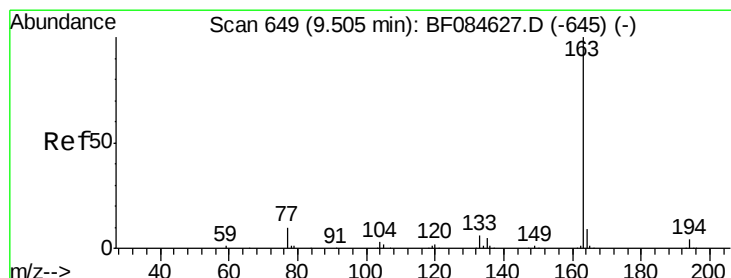
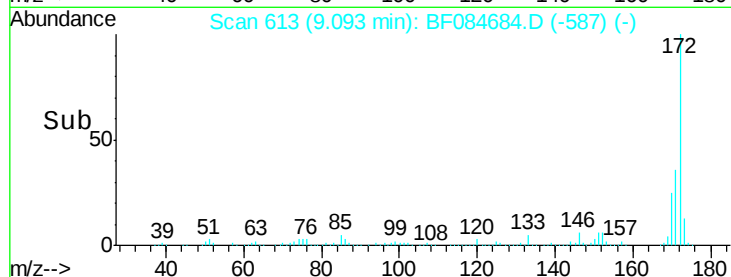
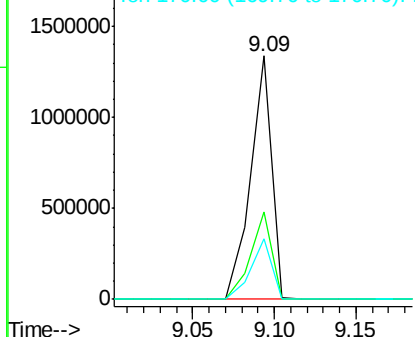
#44
2-Fluorobiphenyl
Concen: 79.33 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Instrument :
BNA_F
ClientSampleId :
SUP-B010(12-13)

Tgt Ion:172 Resp: 1204353
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.7 18.6 27.8

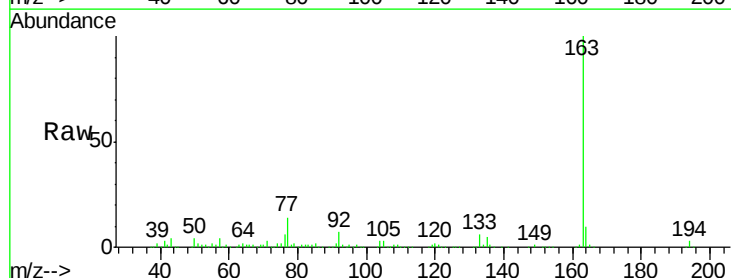


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

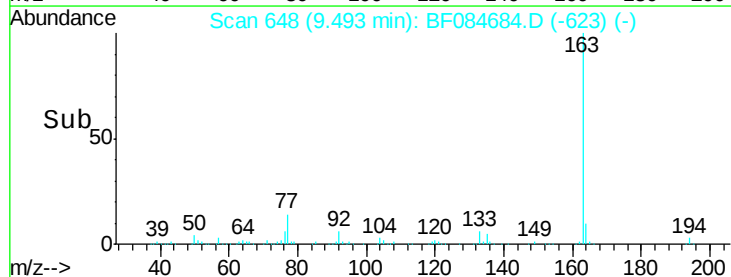
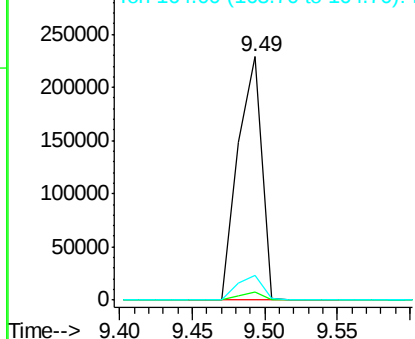


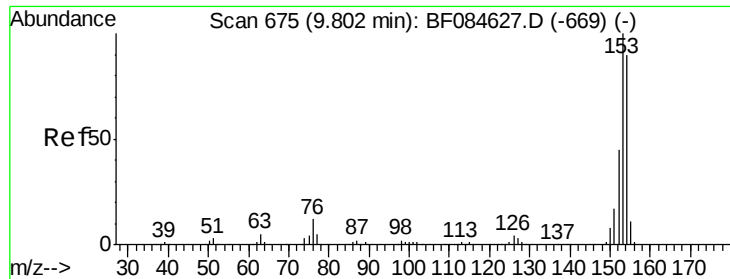
#49
Dimethylphthalate
Concen: 15.39 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Tgt Ion:163 Resp: 260721
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.2 8.0 12.0



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: 2.90 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

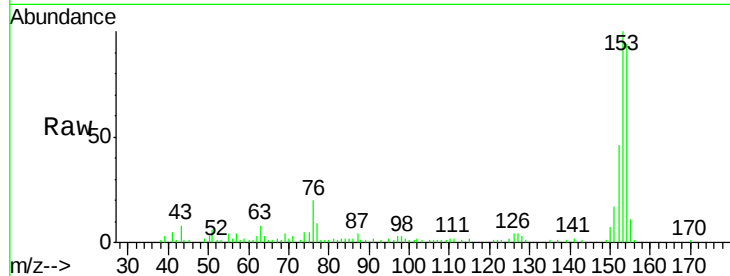
Tgt Ion:154 Resp: 44325

Ion Ratio Lower Upper

154 100

153 106.5 91.5 137.3

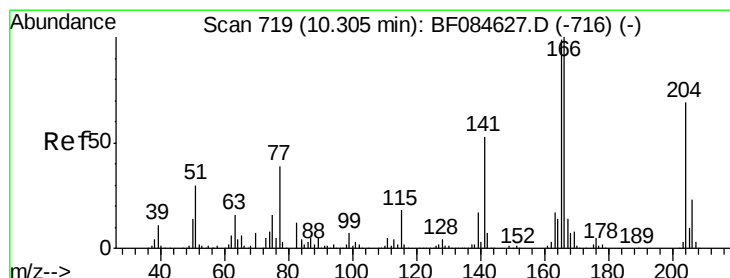
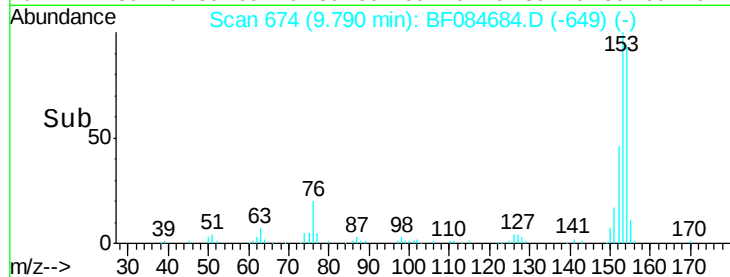
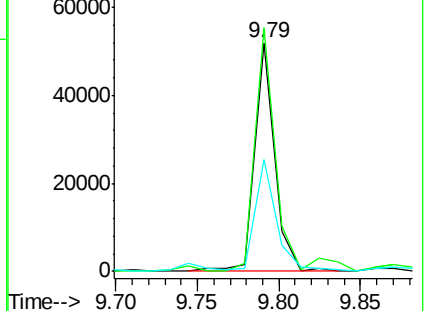
152 49.0 43.0 64.6



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



#57

Fluorene

Concen: 3.27 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

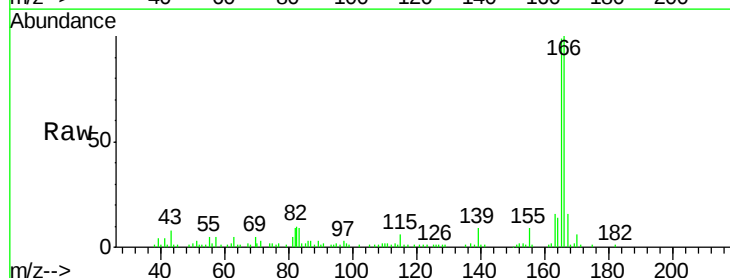
Tgt Ion:166 Resp: 50660

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

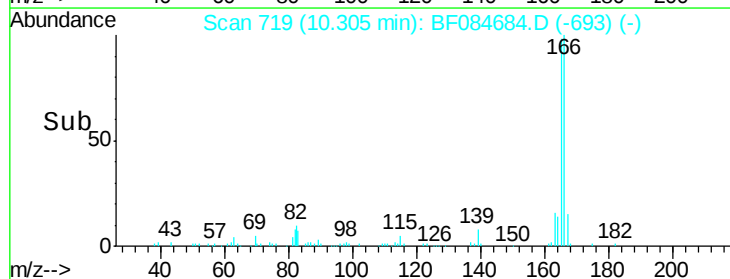
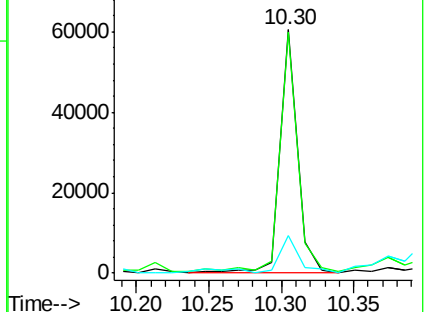
167 15.6 10.4 15.6#

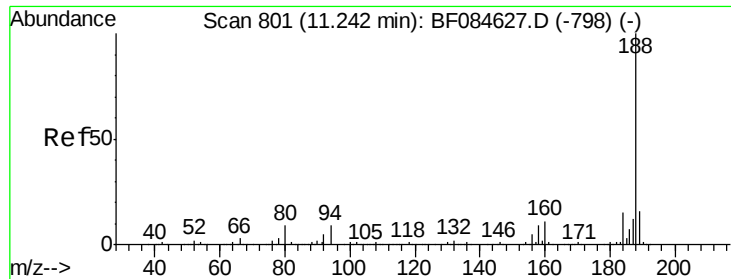


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

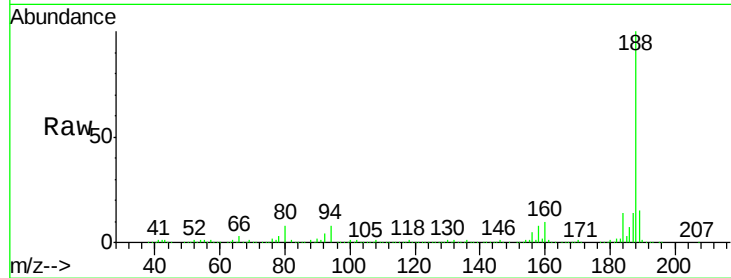
Tgt Ion:188 Resp: 348817

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.4#

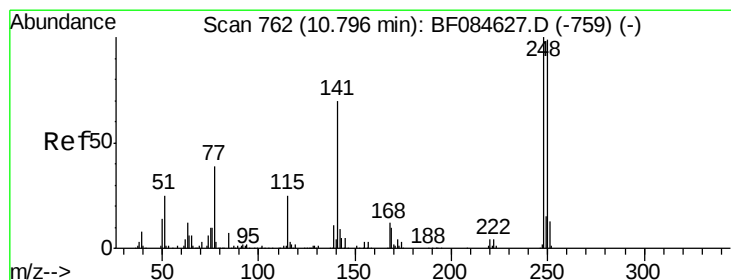
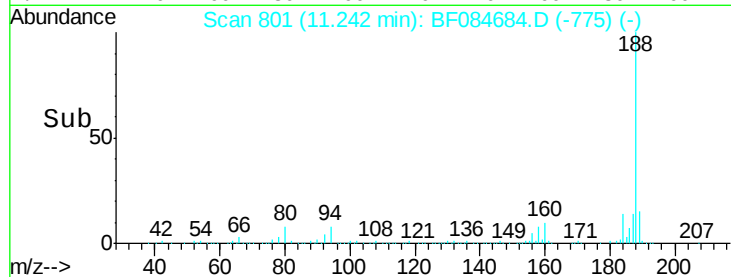
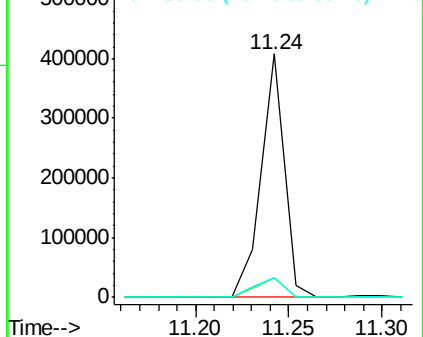
80 7.9 9.6 14.4#



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



#66

4-Bromophenyl-phenylether

Concen: 3.61 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

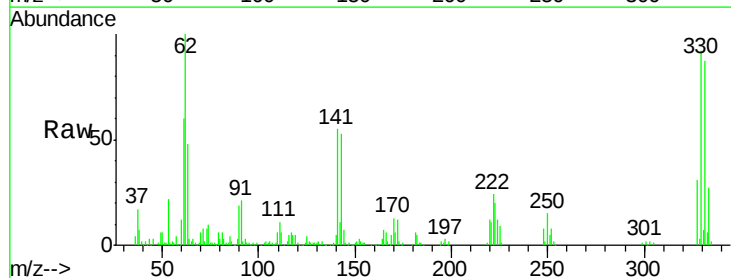
Tgt Ion:248 Resp: 14186

Ion Ratio Lower Upper

248 100

250 198.9 78.4 117.6#

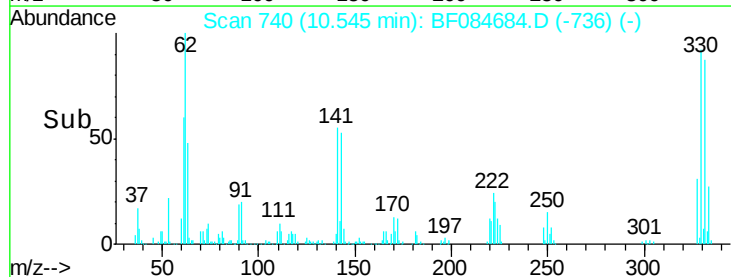
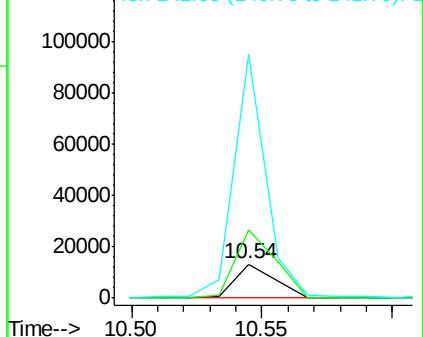
141 709.8 44.0 66.0#

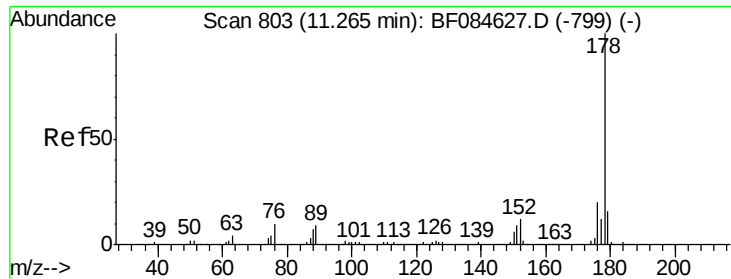


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

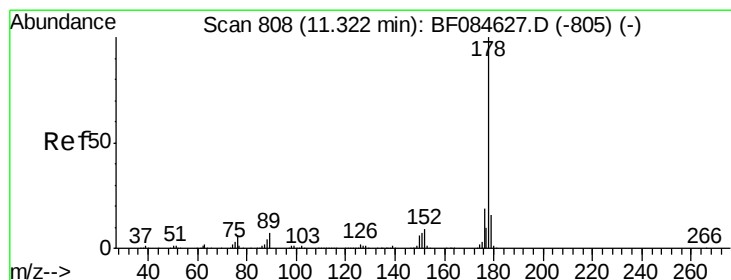
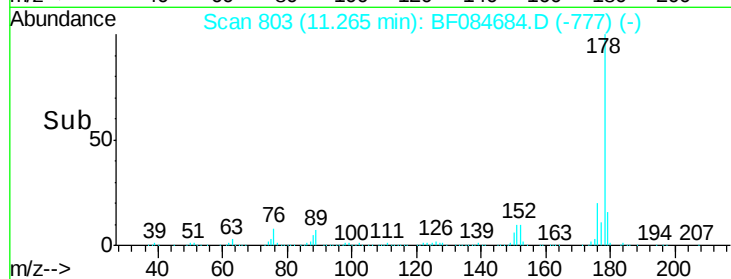
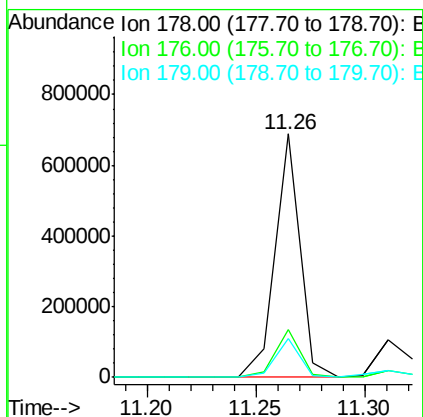
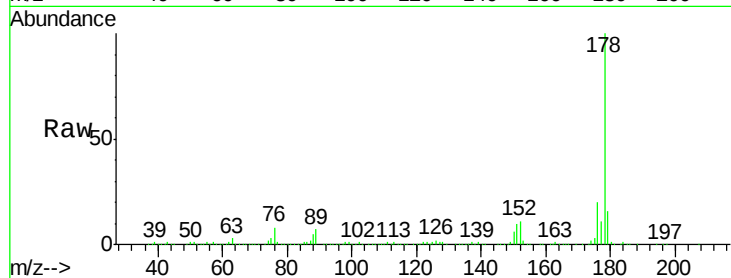




#70
Phenanthrene
Concen: 28.85 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

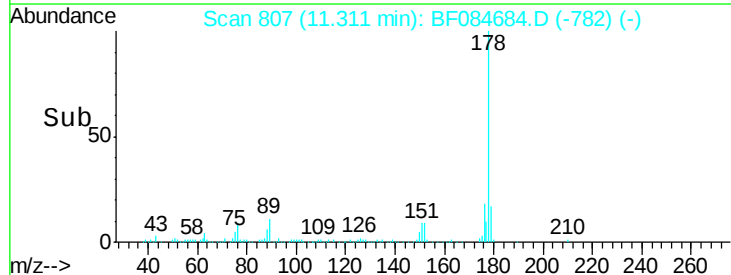
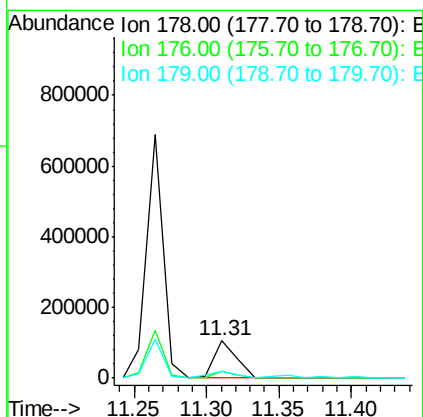
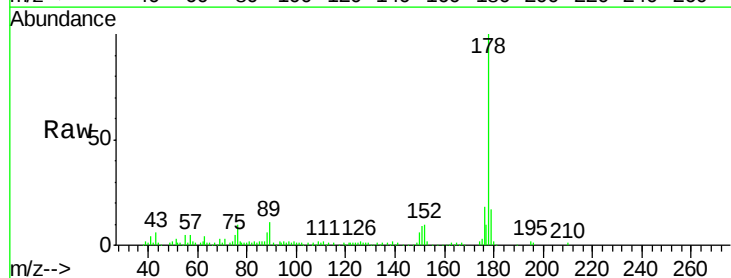
Instrument :
BNA_F
ClientSampleId :
SUP-B010(12-13)

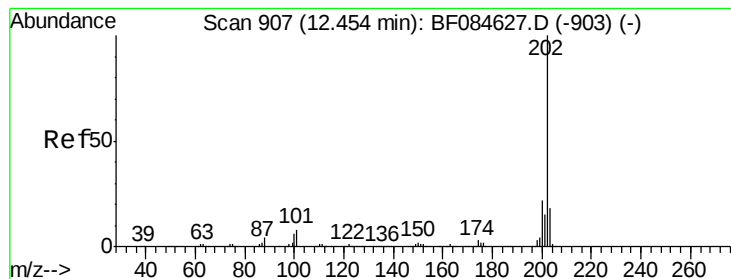
Tgt Ion:178 Resp: 556512
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.7 12.0 18.0



#71
Anthracene
Concen: 5.74 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Tgt Ion:178 Resp: 112645
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.0
179 17.2 12.5 18.7





#74

Fluoranthene

Concen: 19.34 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

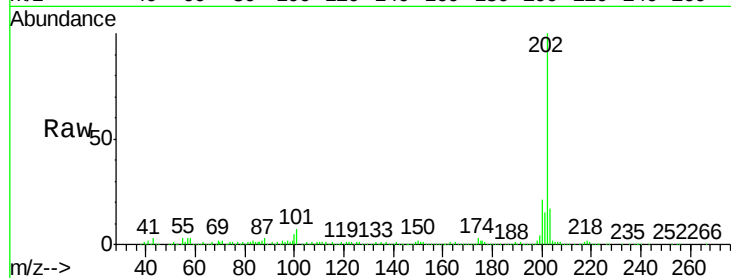
Tgt Ion:202 Resp: 368787

Ion Ratio Lower Upper

202 100

101 7.0 0.0 32.8

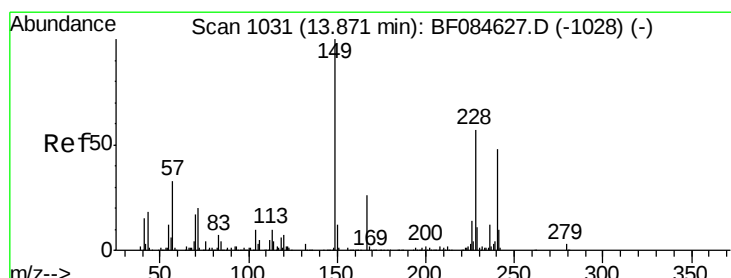
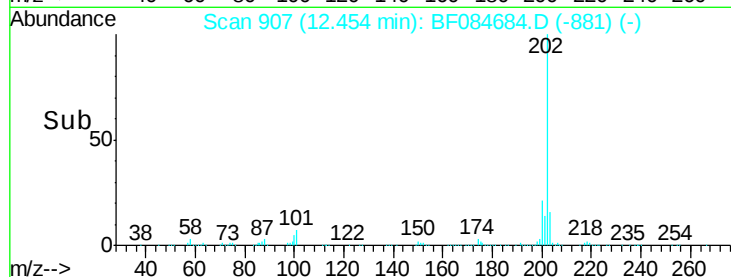
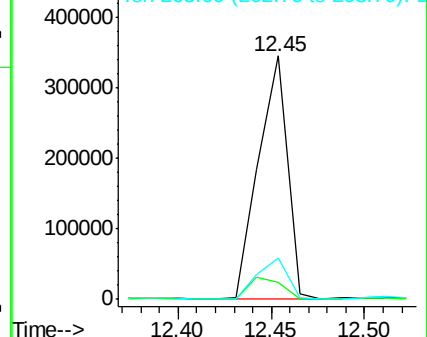
203 17.0 0.0 37.9



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: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

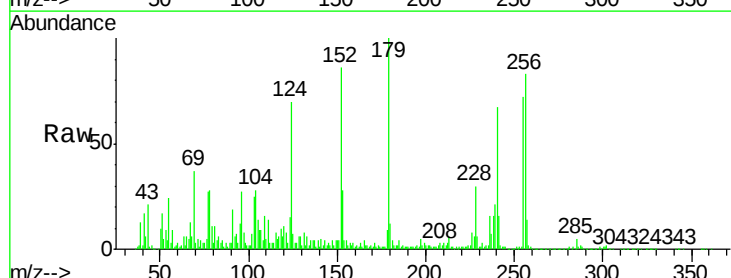
Tgt Ion:240 Resp: 308550

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

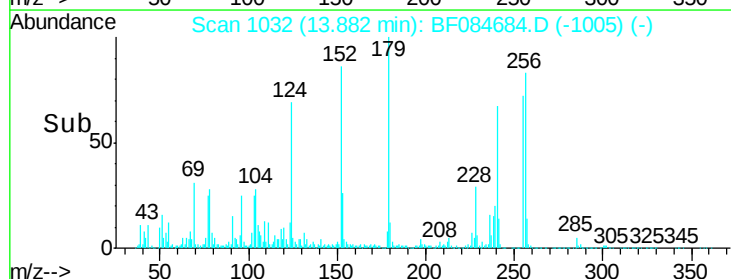
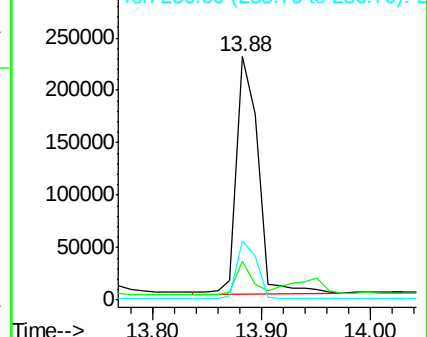
236 24.3 20.6 31.0

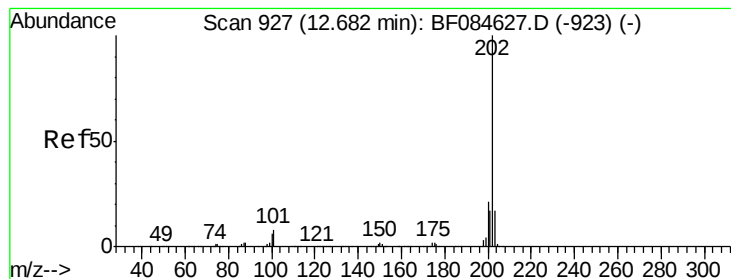


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 16.62 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

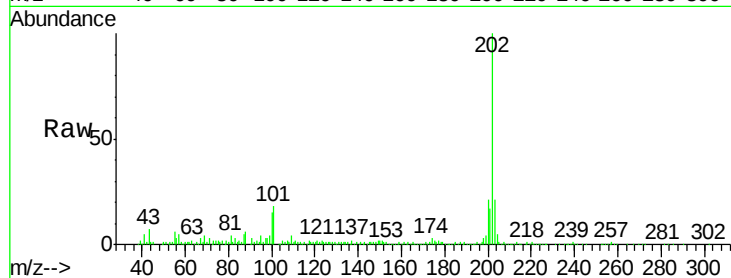
Tgt Ion:202 Resp: 386679

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

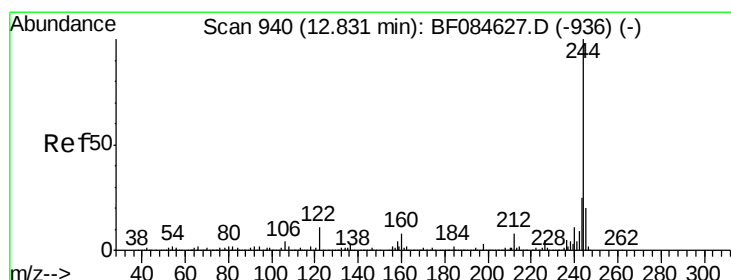
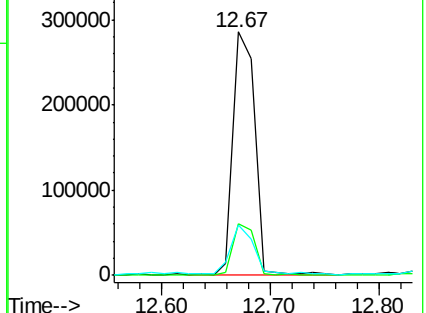
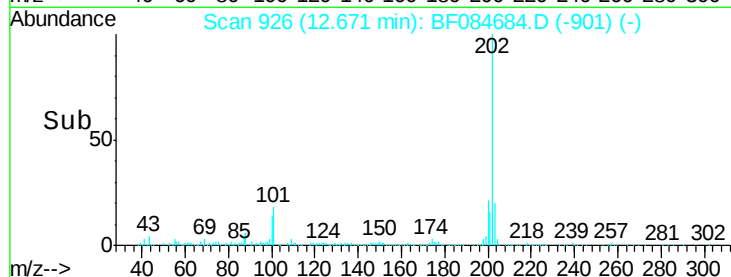
203 20.7 14.3 21.5



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: 57.18 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

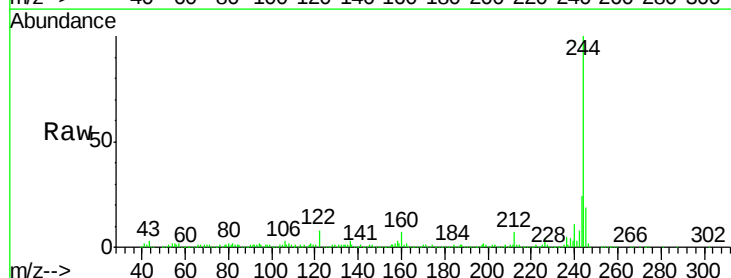
Tgt Ion:244 Resp: 781169

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

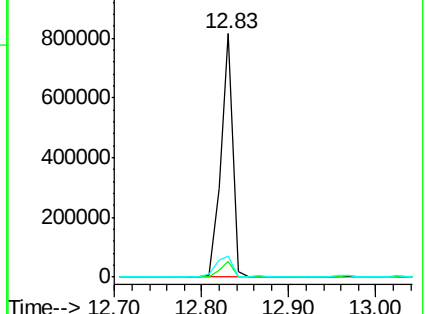
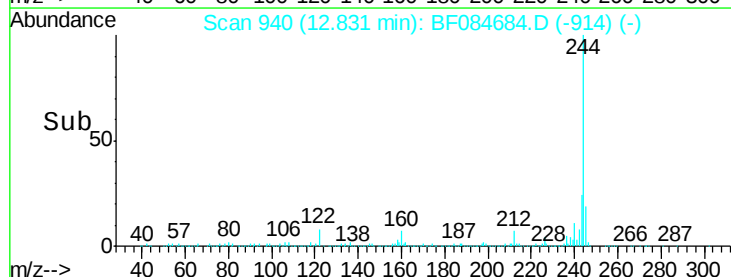
122 8.4 7.4 11.0

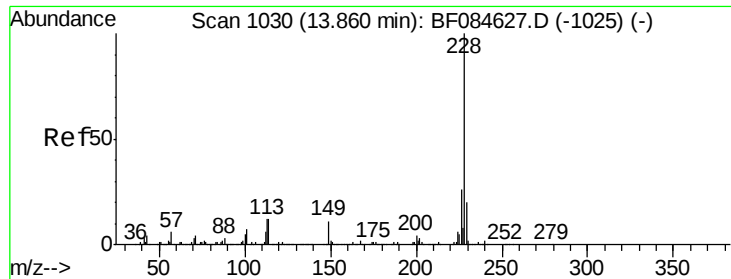


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 8.88 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SUP-B010(12-13)

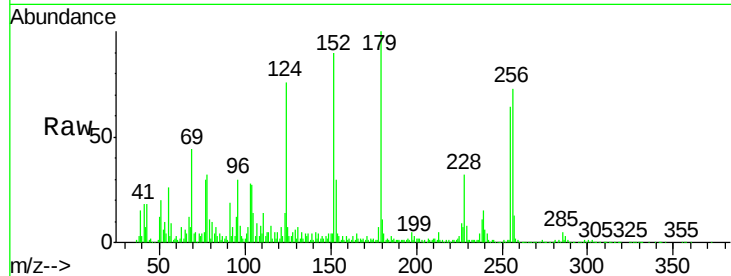
Tgt Ion:228 Resp: 170796

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

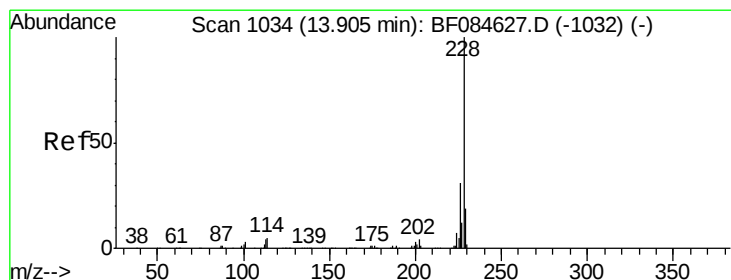
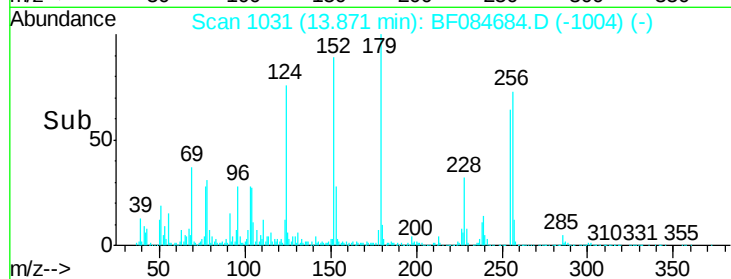
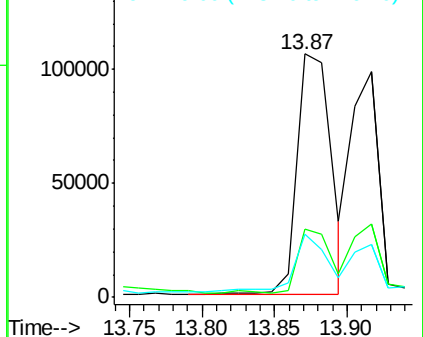
229 26.2 15.8 23.8#



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



#82

Chrysene

Concen: 9.01 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF084684.D

Acq: 30 Jan 2016 14:22

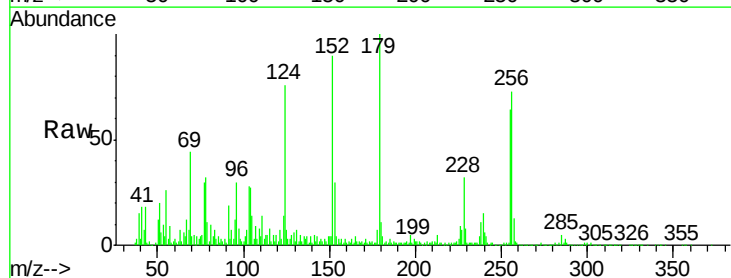
Tgt Ion:228 Resp: 170796

Ion Ratio Lower Upper

228 100

226 28.0 24.3 36.5

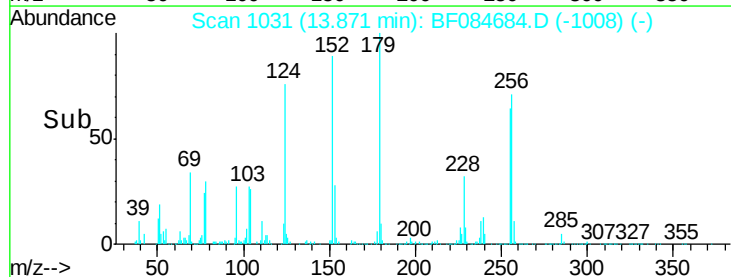
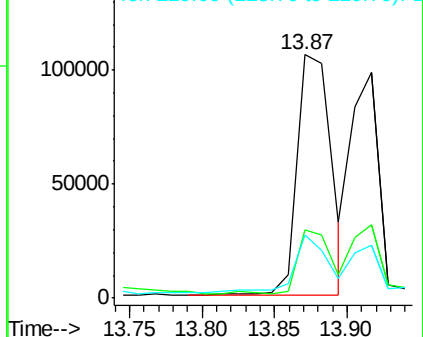
229 26.2 16.1 24.1#

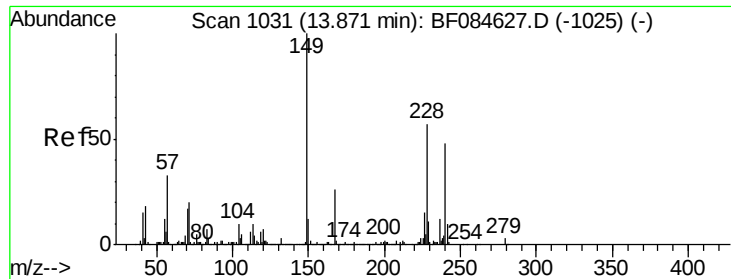


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

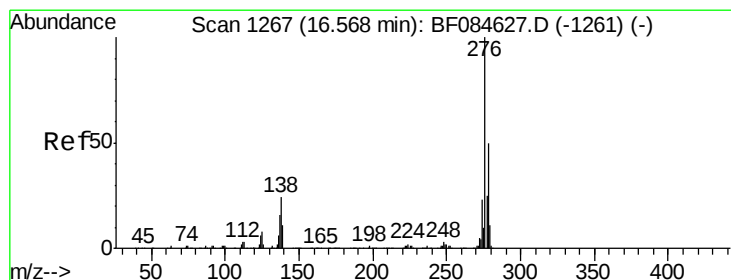
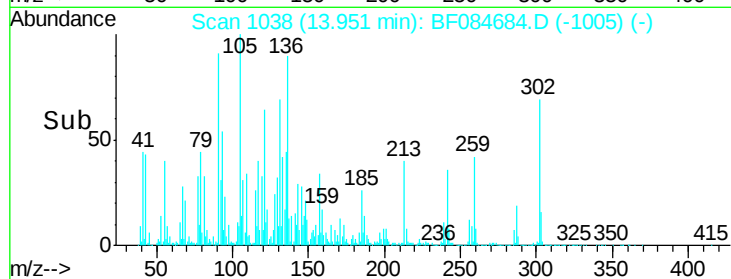
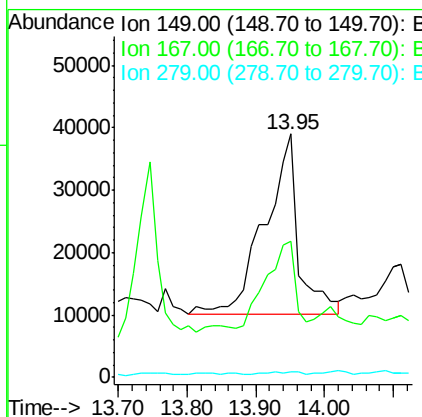
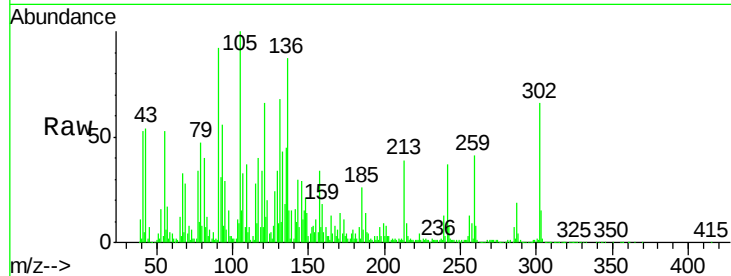




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.65 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.08 min
 Lab File: BF084684.D
 Acq: 30 Jan 2016 14:22

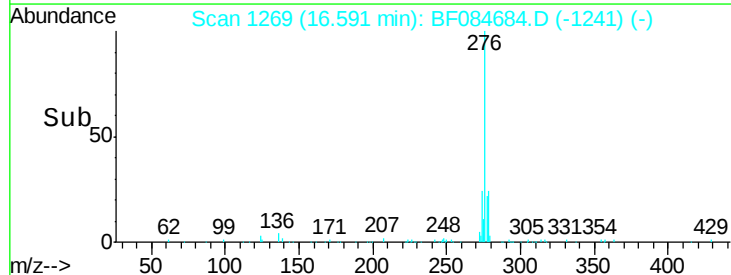
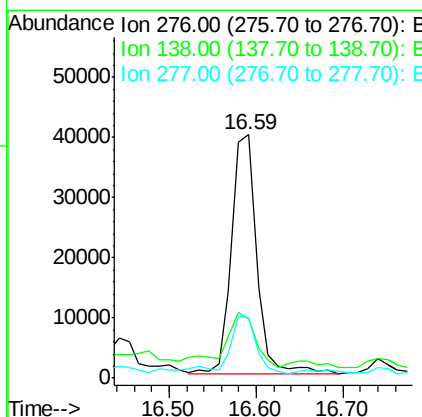
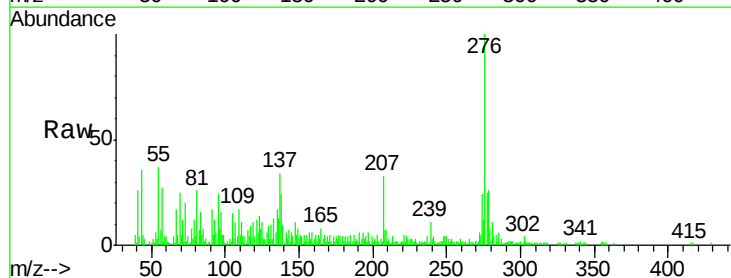
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(12-13)

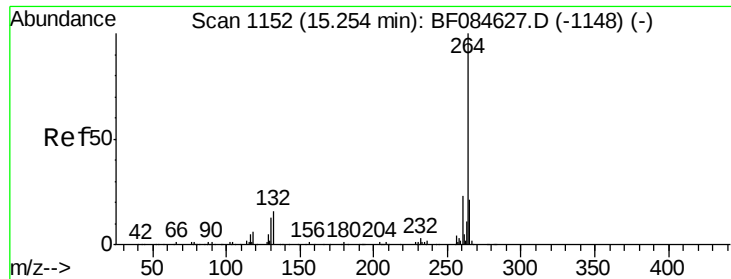
Tgt Ion:149 Resp: 98675
 Ion Ratio Lower Upper
 149 100
 167 56.1 19.7 29.5#
 279 2.0 1.8 2.6



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.84 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: BF084684.D
 Acq: 30 Jan 2016 14:22

Tgt Ion:276 Resp: 81102
 Ion Ratio Lower Upper
 276 100
 138 27.6 20.6 30.8
 277 27.9 20.1 30.1



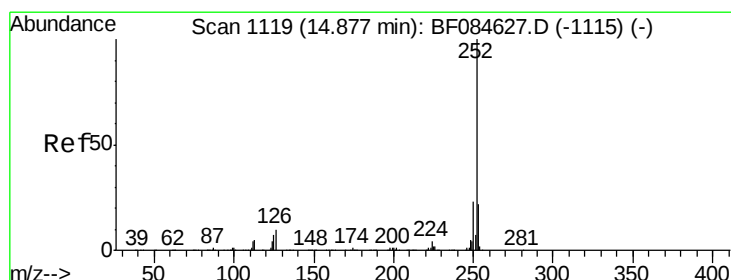
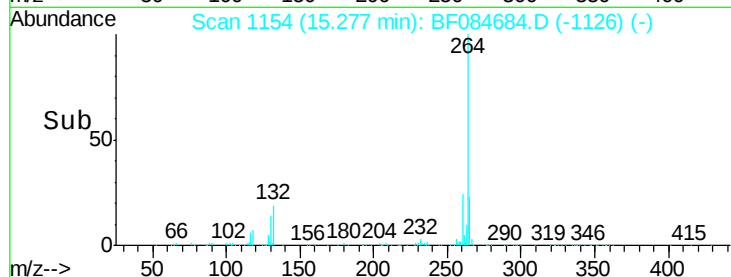
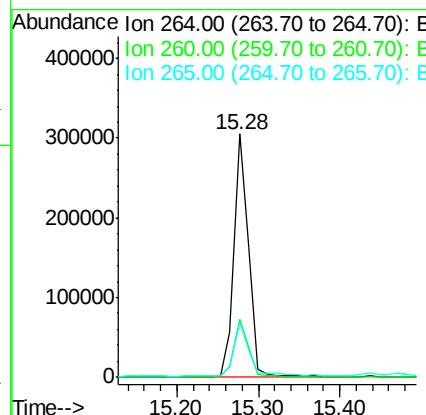
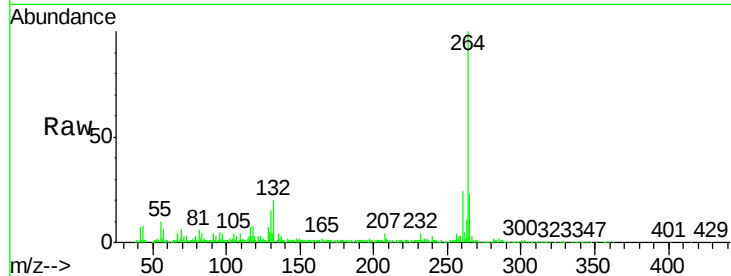


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Instrument :
BNA_F
ClientSampleId :
SUP-B010(12-13)

Tgt Ion: 264 Resp: 376936

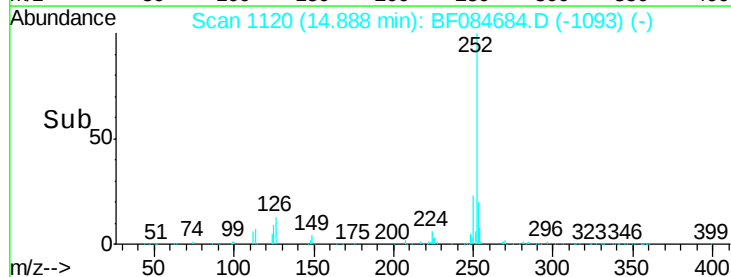
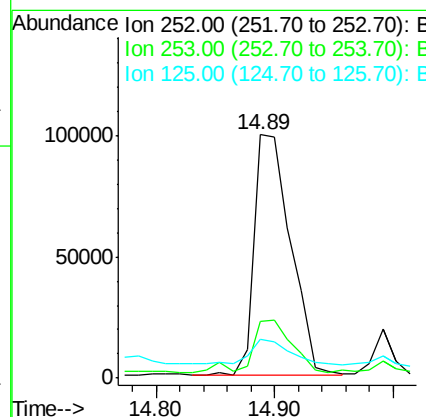
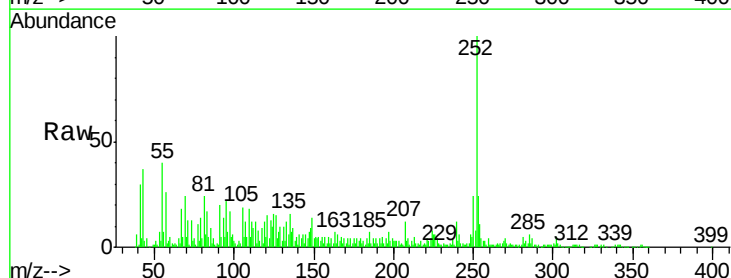
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	23.0	17.8	26.6

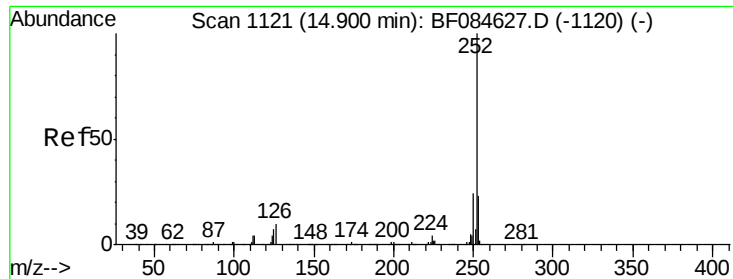


#87
Benzo(b)fluoranthene
Concen: 8.73 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Tgt Ion: 252 Resp: 213092

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	15.8	6.5	9.7#

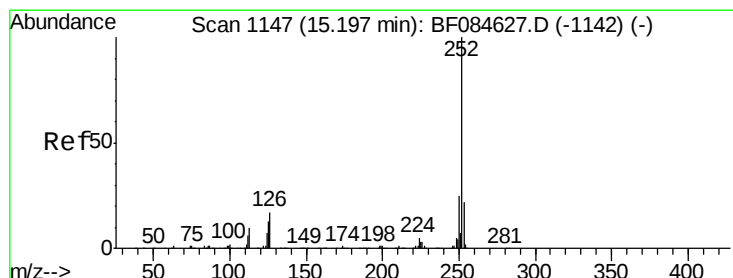
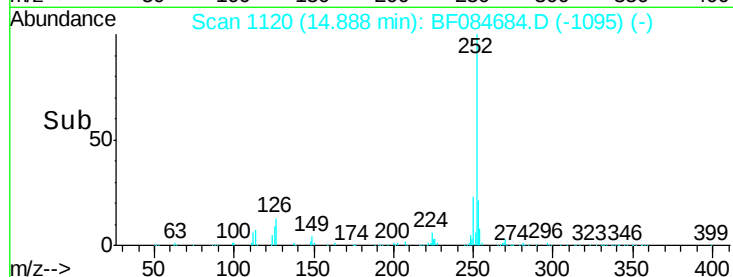
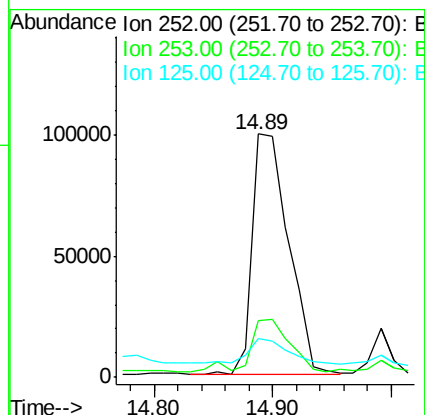
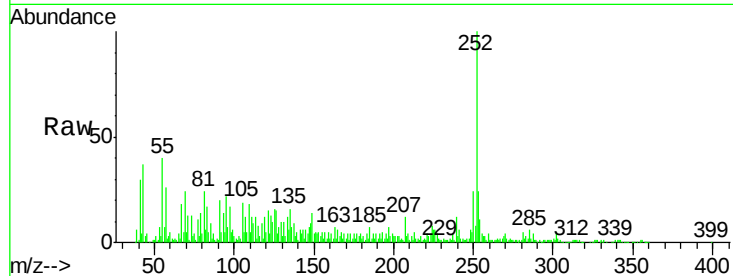




#88
Benzo(k)fluoranthene
Concen: 10.55 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

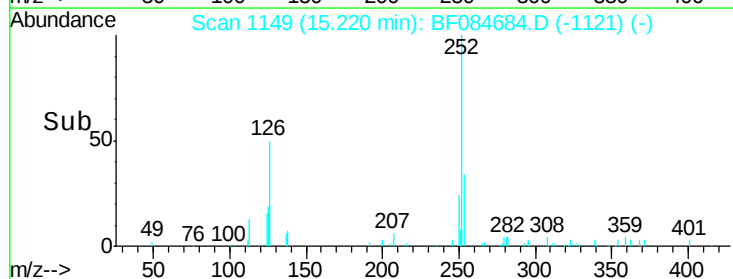
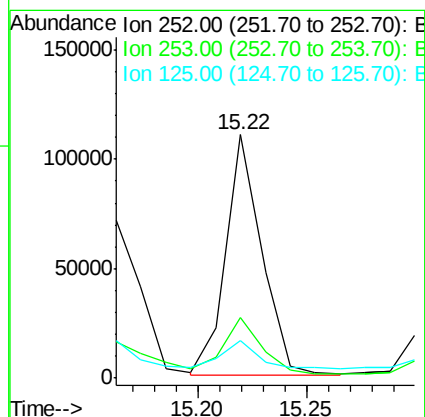
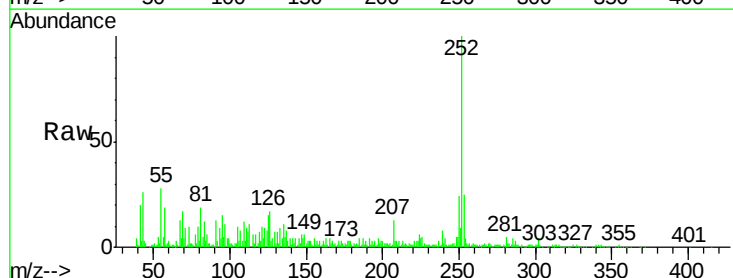
Instrument :
BNA_F
ClientSampleId :
SUP-B010(12-13)

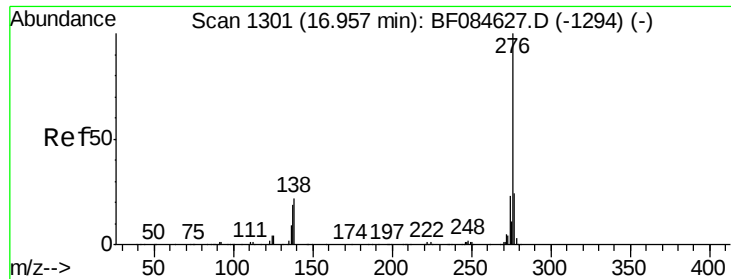
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	15.8	9.0	13.6



#89
Benzo(a)pyrene
Concen: 5.99 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF084684.D
Acq: 30 Jan 2016 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	15.3	7.0	10.4





#91
 Benzo(g,h,i)perylene
 Concen: 3.97 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. 0.02 min
 Lab File: BF084684.D
 Acq: 30 Jan 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B010(12-13)

Tgt Ion: 276 Resp: 76172
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.8 28.2
 138 25.9 17.8 26.6

