

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085245.D
 Acq On : 5 Mar 2016 10:57
 Operator : SJ/IZ
 Sample : H1675-01 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Quant Time: Mar 07 00:05:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	27780	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	110738	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	43704	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	69756	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	49445	20.00	ng	-0.01
86) Perylene-d12	15.60	264	54965	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	214389	129.45	ng	-0.01
7) Phenol-d6	6.58	99	284956	131.33	ng	-0.02
23) Nitrobenzene-d5	7.52	82	139987	67.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	32835	87.80	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	269716	93.86	ng	-0.02
78) Terphenyl-d14	13.08	244	171553	80.54	ng	-0.01

Target Compounds

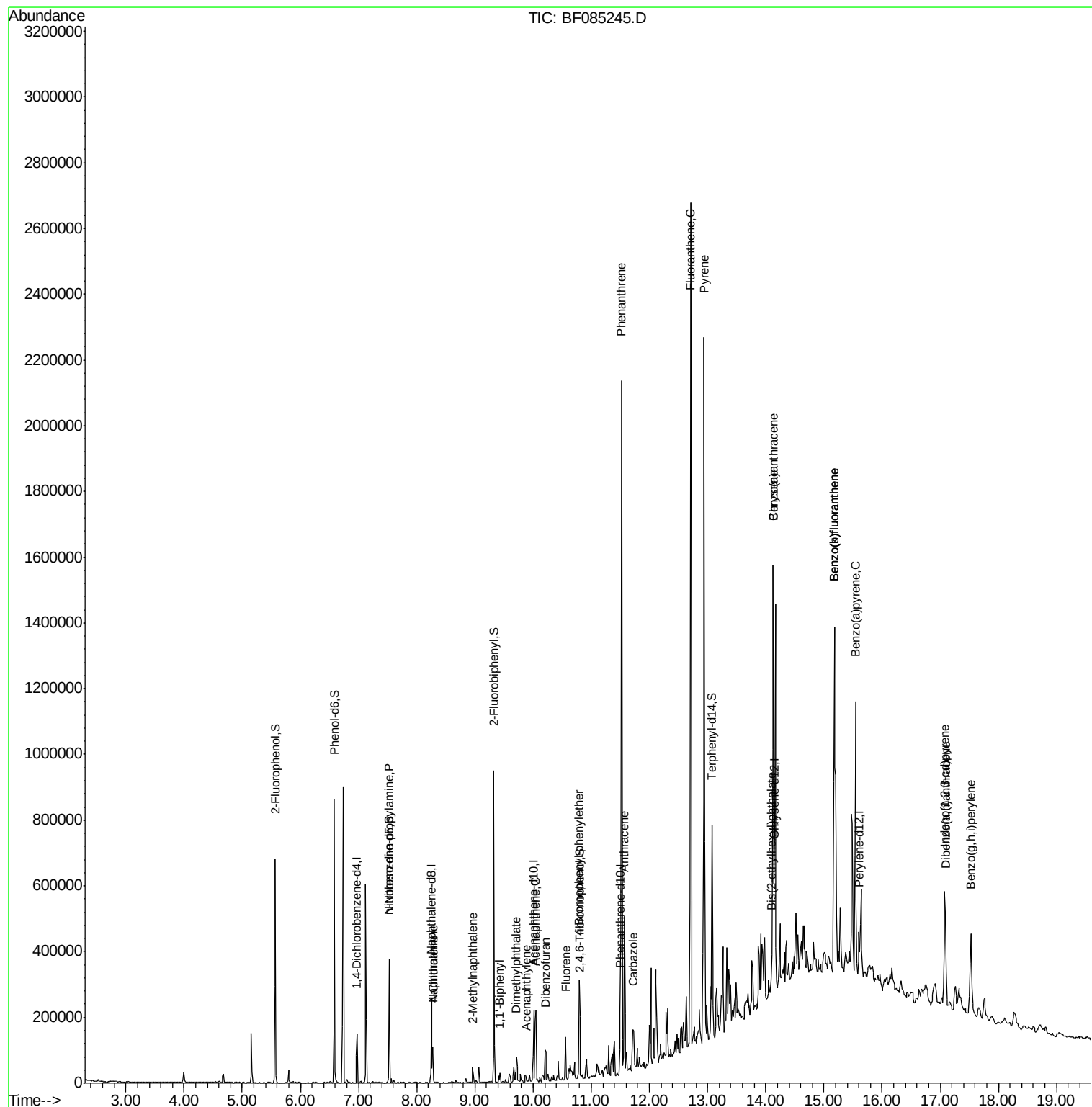
						Qvalue
9) Benzaldehyde	6.52	77	782	Below Cal		90
19) n-Nitroso-di-n-propylamine	7.52	70	17807	12.59 ng	#	81
31) Naphthalene	8.28	128	44511	8.17 ng		97
33) 4-Chloroaniline	8.28	127	5742	2.61 ng	#	29
37) 2-Methylnaphthalene	8.96	142	16825	4.82 ng		96
45) 1,1'-Biphenyl	9.43	154	8161	2.19 ng		97
48) Acenaphthylene	9.88	152	11685	2.64 ng		95
49) Dimethylphthalate	9.72	163	33957	10.12 ng		97
51) Acenaphthene	10.05	154	67444	25.08 ng		97
54) Dibenzofuran	10.22	168	47913	13.60 ng		91
57) Fluorene	10.56	166	53573	19.35 ng		100
66) 4-Bromophenyl-phenylether	10.79	248	2252	3.32 ng	#	1
70) Phenanthrene	11.52	178	754352	206.35 ng		98
71) Anthracene	11.57	178	206817	53.29 ng		98
72) Carbazole	11.73	167	69358	20.38 ng		96
74) Fluoranthene	12.71	202	1008793	274.97 ng		98
77) Pyrene	12.94	202	932361	250.53 ng		98
80) Benzo(a)anthracene	14.13	228	545389	184.25 ng		99
82) Chrysene	14.13	228	545389	199.45 ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	11311	5.09 ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.08	276	239050	112.02 ng		91
87) Benzo(b)fluoranthene	15.18	252	809175	220.87 ng		97
88) Benzo(k)fluoranthene	15.18	252	809175	273.83 ng		98
89) Benzo(a)pyrene	15.55	252	392278	129.21 ng	#	95
90) Dibenzo(a,h)anthracene	17.09	278	57335	22.12 ng		97
91) Benzo(g,h,i)perylene	17.52	276	210681	80.85 ng		99

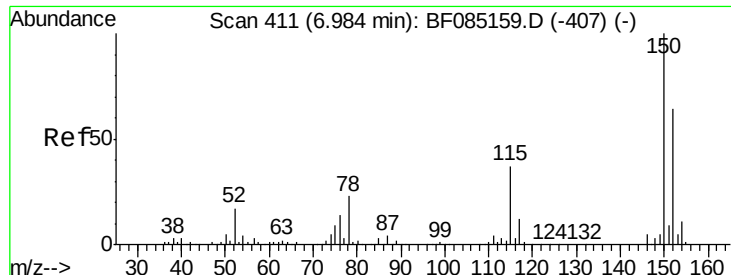
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

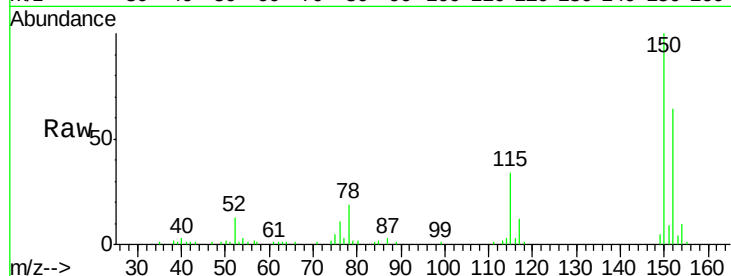
Tgt Ion:152 Resp: 27780

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

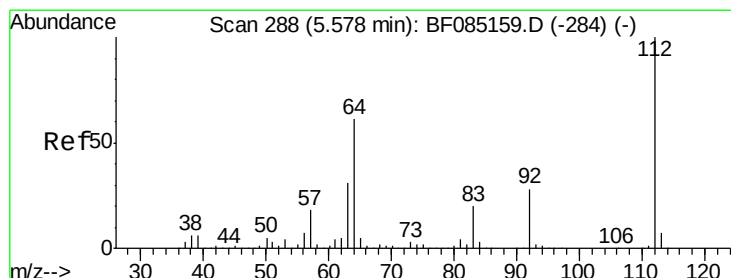
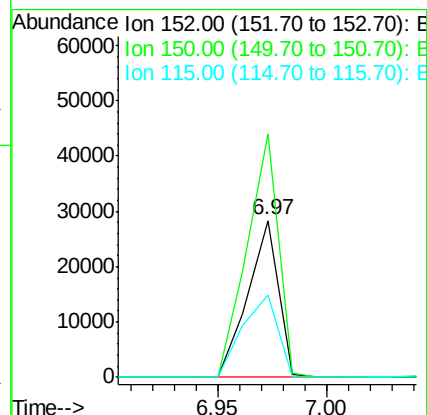
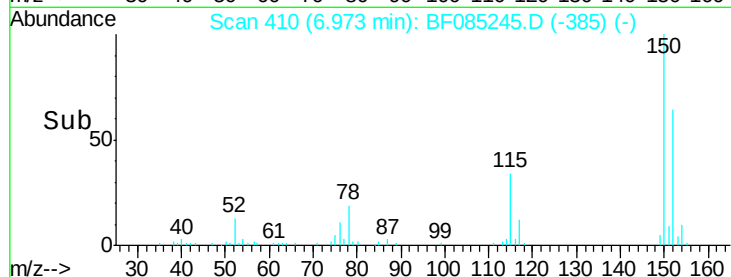
115 52.6 46.6 70.0



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: 129.45 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

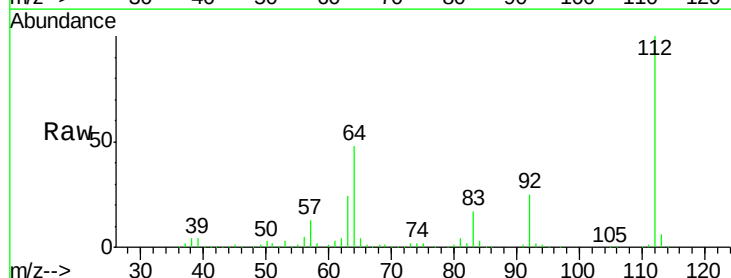
Tgt Ion:112 Resp: 214389

Ion Ratio Lower Upper

112 100

64 48.3 49.0 73.4#

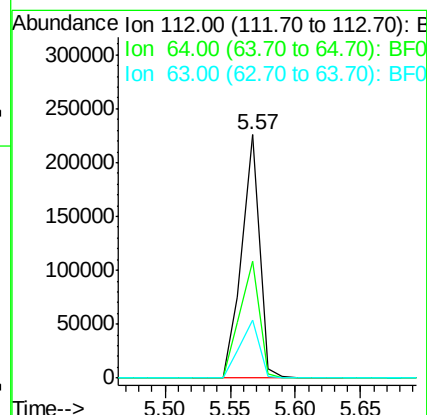
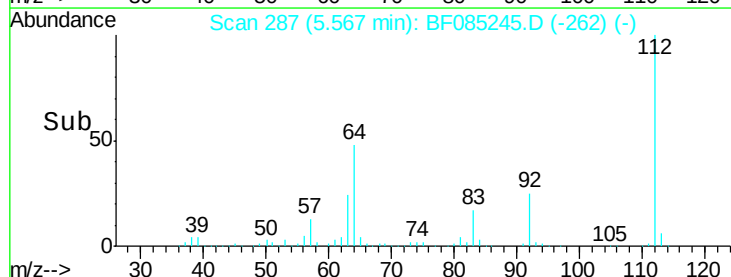
63 23.6 24.8 37.2#

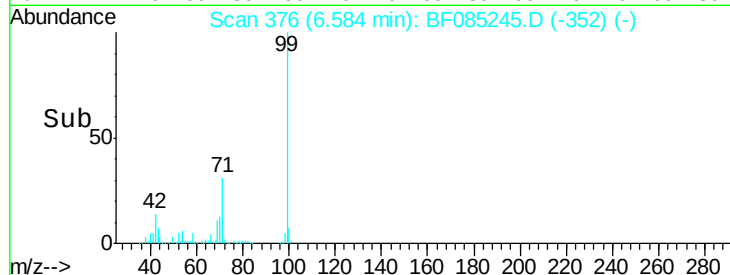
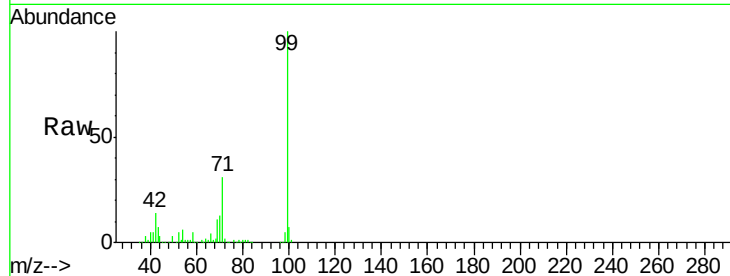
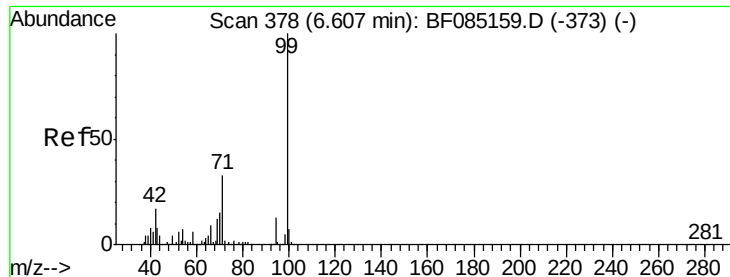


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.33 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

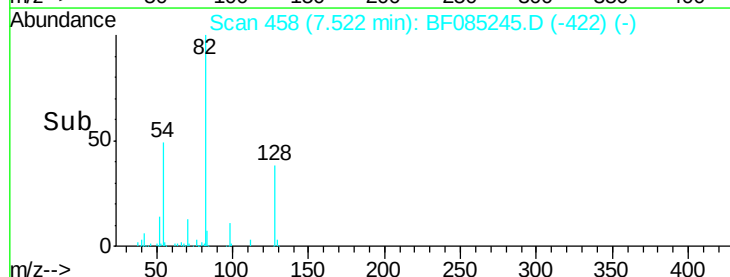
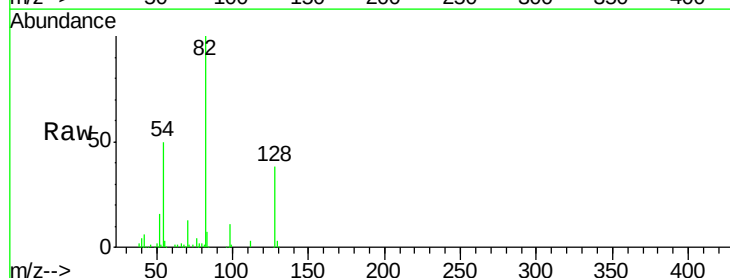
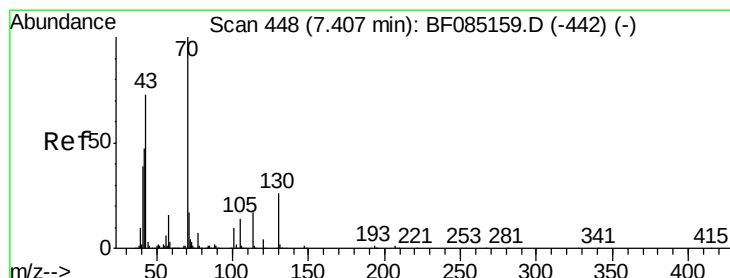
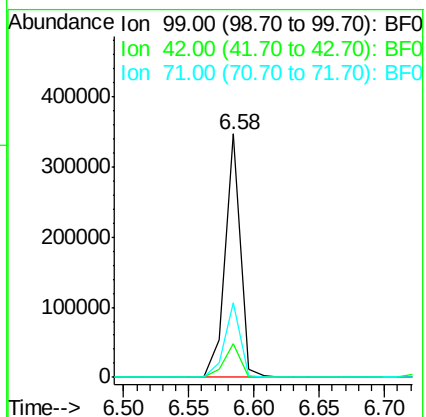
Tgt Ion: 99 Resp: 284956

Ion Ratio Lower Upper

99 100

42 14.1 13.6 20.4

71 30.6 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.59 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Tgt Ion: 70 Resp: 17807

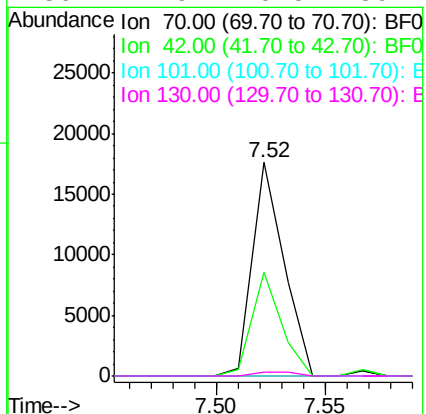
Ion Ratio Lower Upper

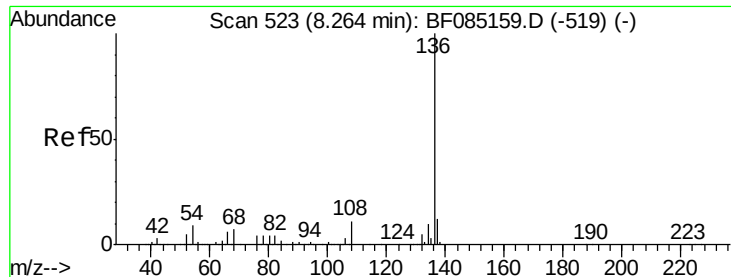
70 100

42 48.5 37.7 56.5

101 0.0 8.2 12.4#

130 1.9 20.5 30.7#

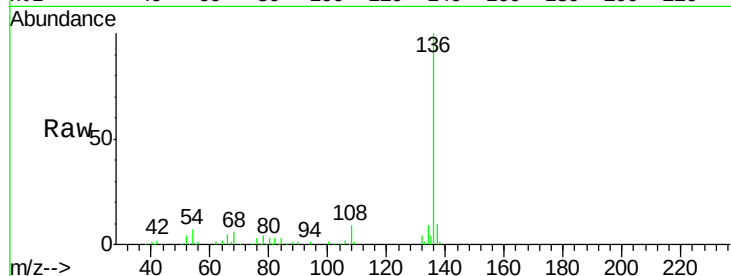




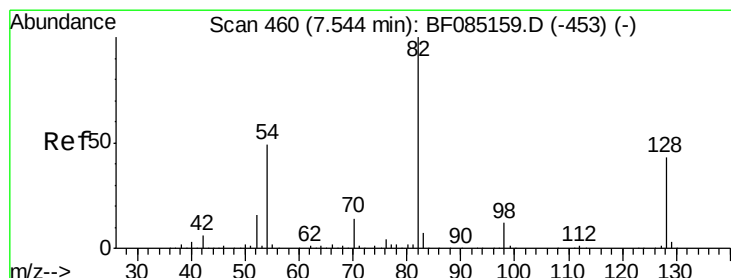
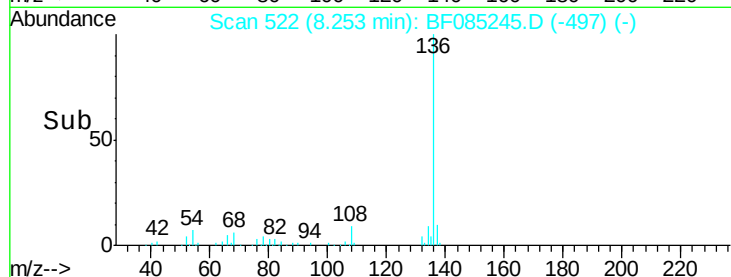
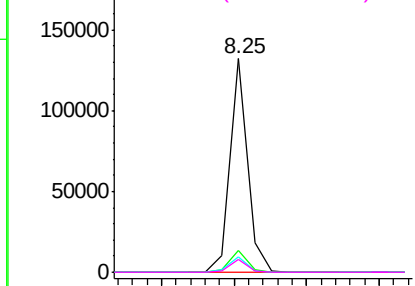
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:	136	Resp:	110738
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	6.9	7.4	11.2#
68	6.1	6.0	9.0

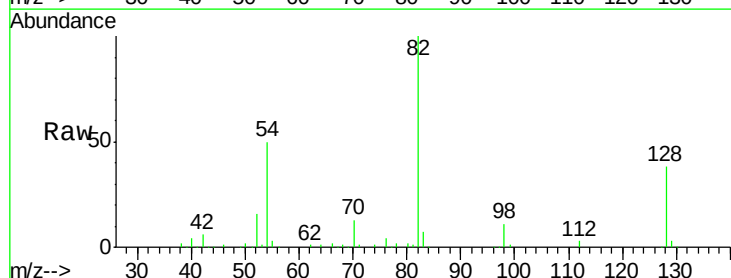


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

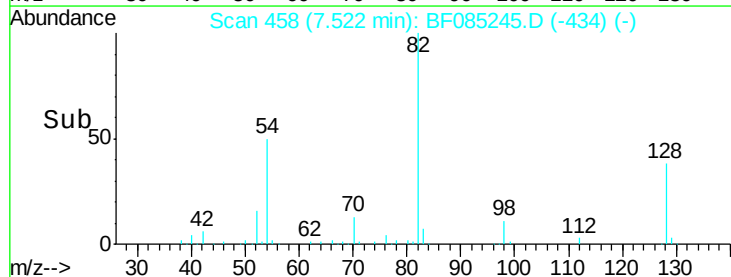
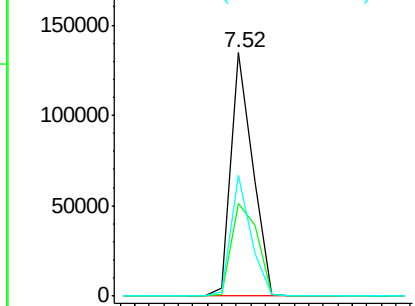


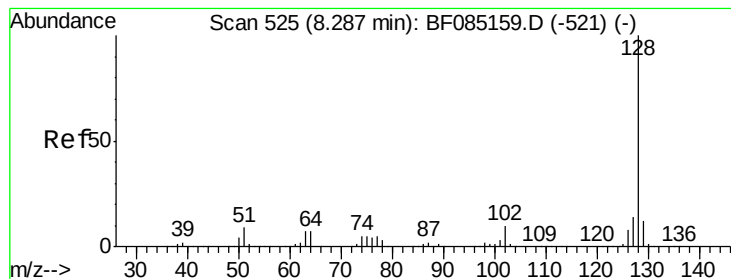
#23
Nitrobenzene-d5
Concen: 67.65 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:	82	Resp:	139987
Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.5	51.7
54	49.8	39.3	58.9



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





#31

Naphthalene

Concen: 8.17 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

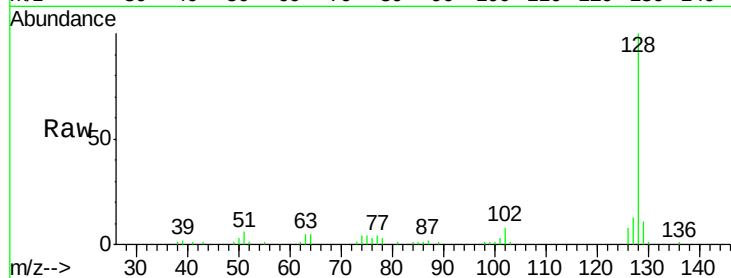
Tgt Ion:128 Resp: 44511

Ion Ratio Lower Upper

128 100

129 11.2 9.7 14.5

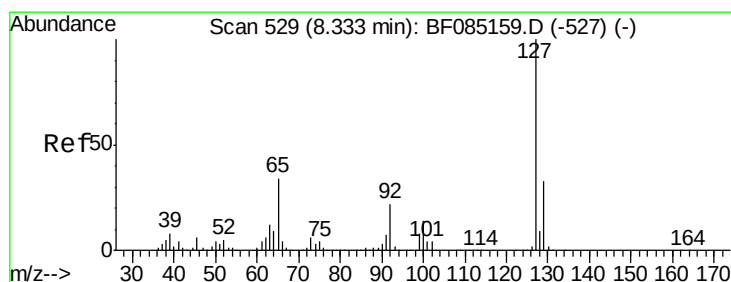
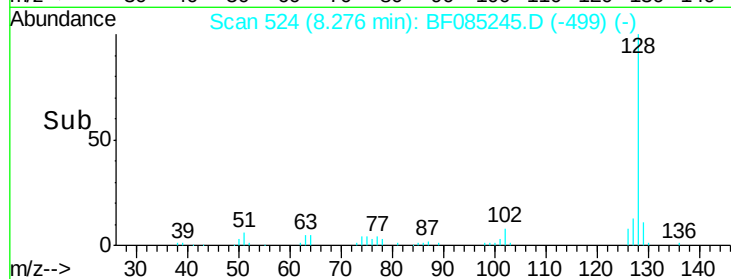
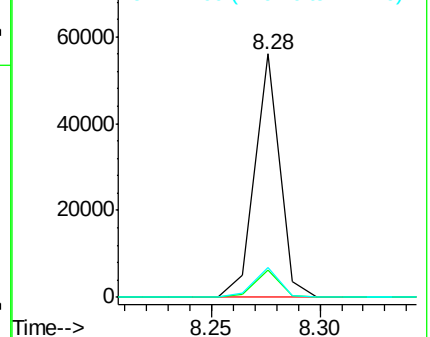
127 12.5 11.2 16.8



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



#33

4-Chloroaniline

Concen: 2.61 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Tgt Ion:127 Resp: 5742

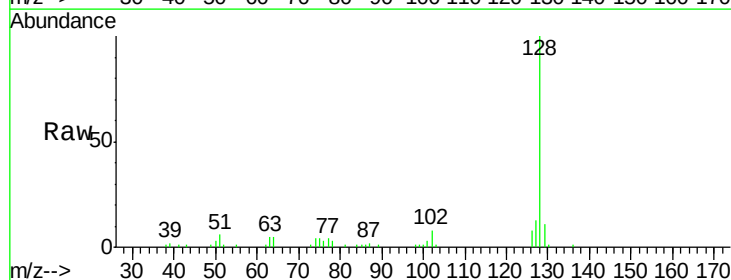
Ion Ratio Lower Upper

127 100

129 89.3 26.1 39.1#

65 0.0 27.0 40.6#

92 0.0 17.4 26.0#

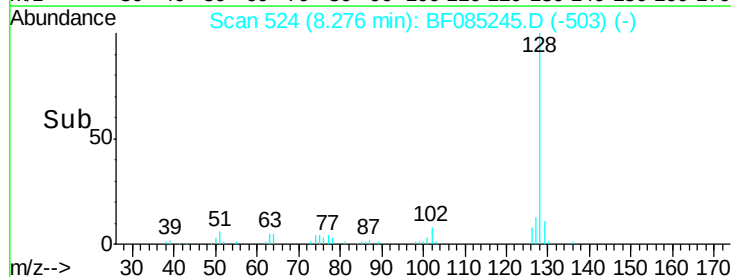
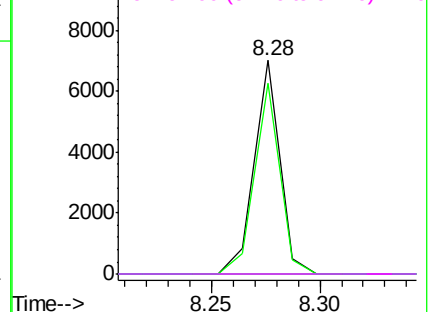


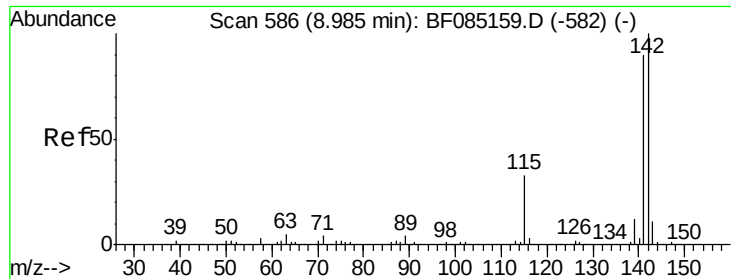
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

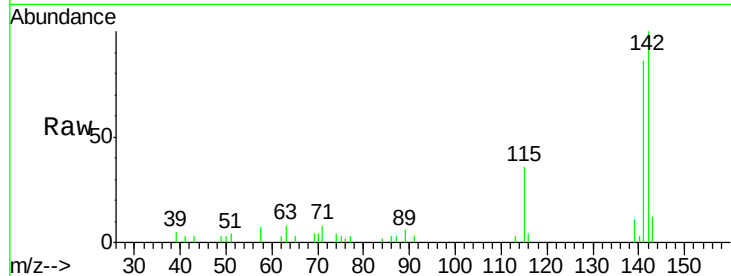




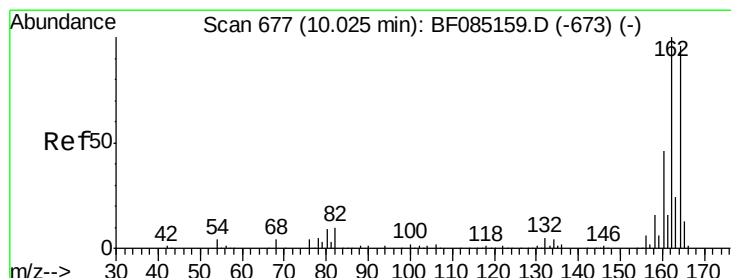
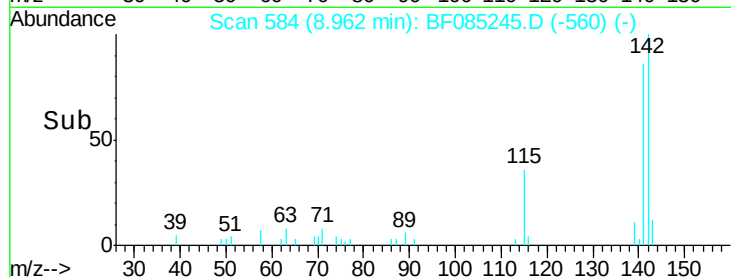
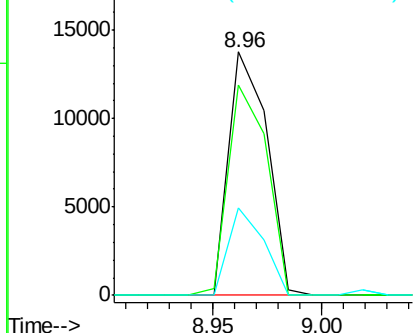
#37
 2-Methylnaphthalene
 Concen: 4.82 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF085245.D
 Acq: 5 Mar 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Tgt Ion:142 Resp: 16825
 Ion Ratio Lower Upper
 142 100
 141 86.2 71.7 107.5
 115 35.7 26.2 39.4

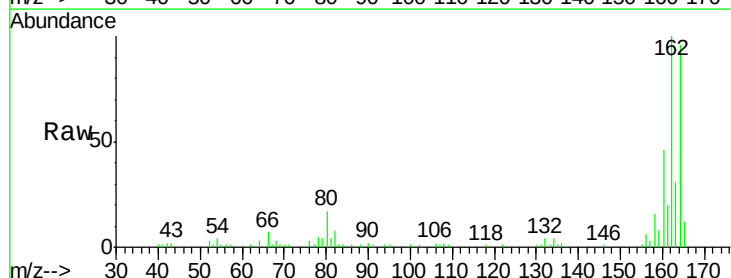


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

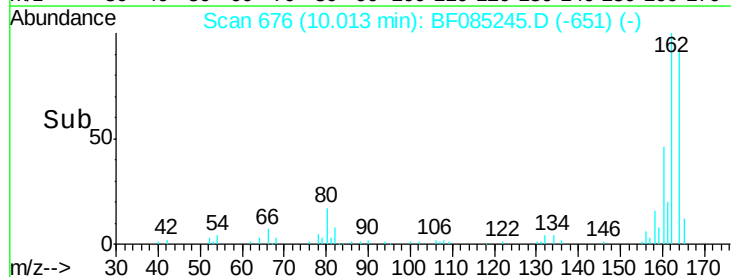
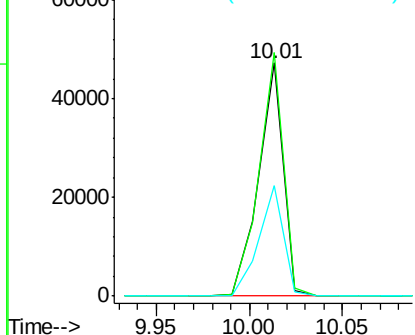


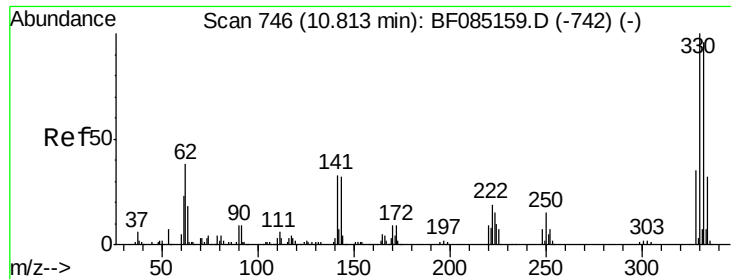
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085245.D
 Acq: 5 Mar 2016 10:57

Tgt Ion:164 Resp: 43704
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.3 124.9
 160 47.6 37.9 56.9



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

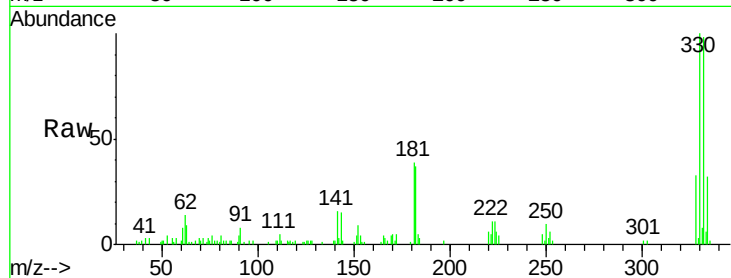




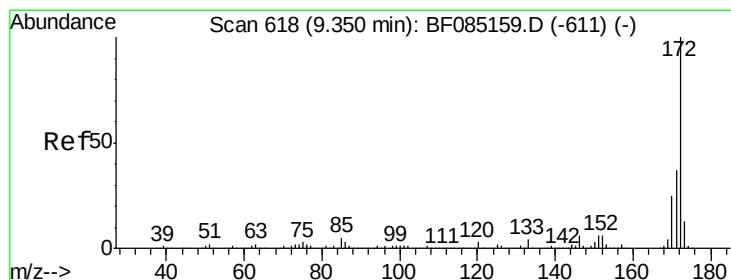
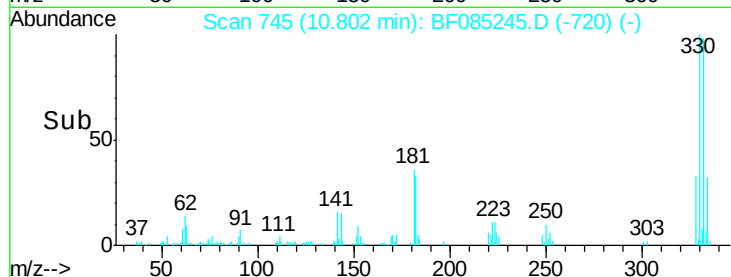
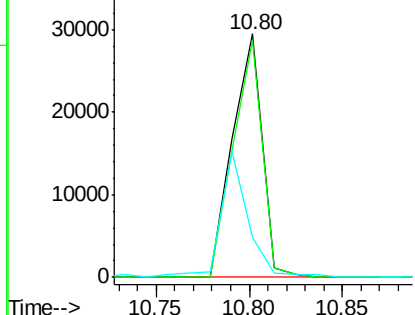
#41
 2,4,6-Tribromophenol
 Concen: 87.80 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085245.D
 Acq: 5 Mar 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	47.6	35.0	52.6

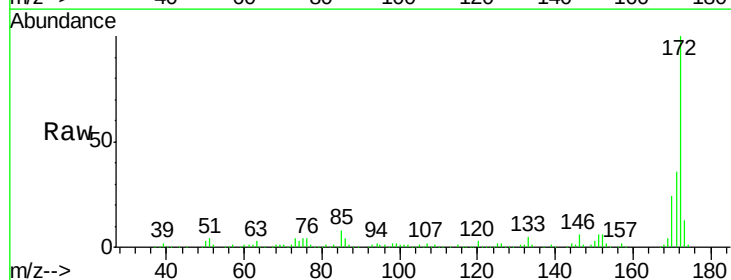


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

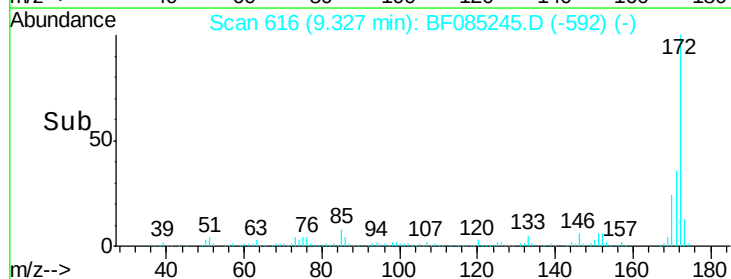
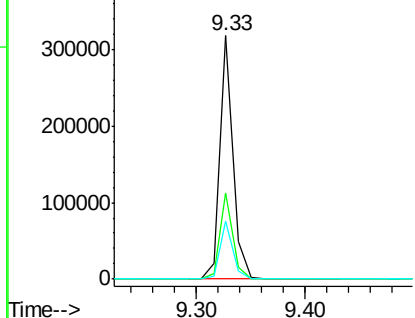


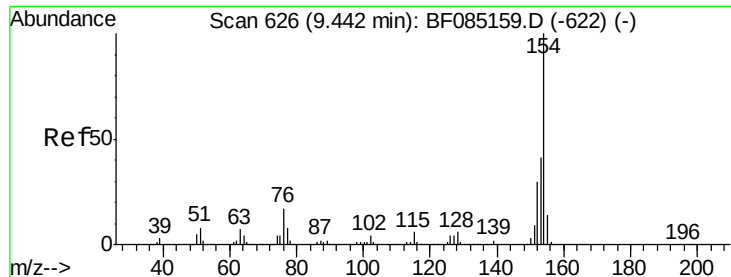
#44
 2-Fluorobiphenyl
 Concen: 93.86 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085245.D
 Acq: 5 Mar 2016 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.3	43.9
170	23.8	20.0	30.0



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





#45

1,1'-Biphenyl

Concen: 2.19 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampled :

SP-001(0-2)

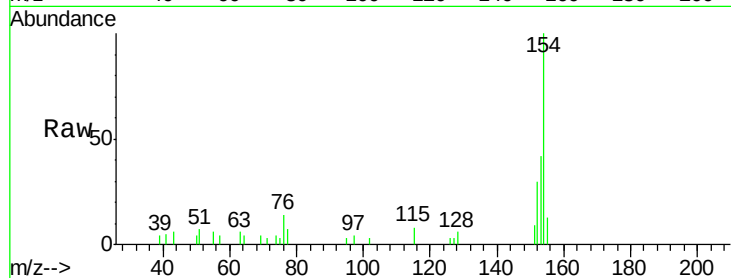
Tgt Ion:154 Resp: 8161

Ion Ratio Lower Upper

154 100

153 42.3 21.4 61.4

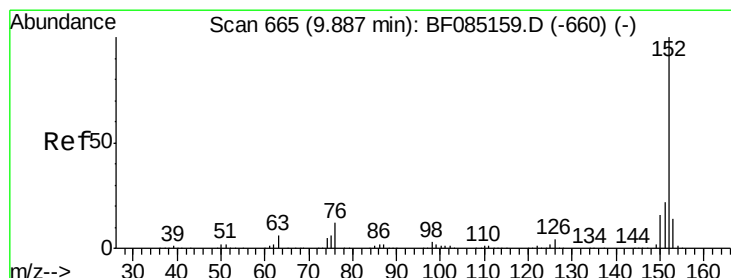
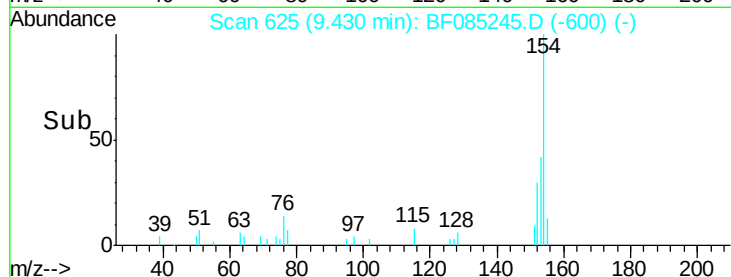
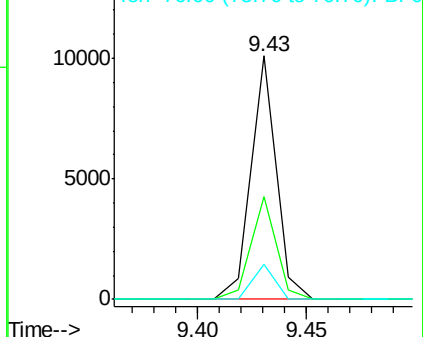
76 14.2 0.0 37.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 2.64 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

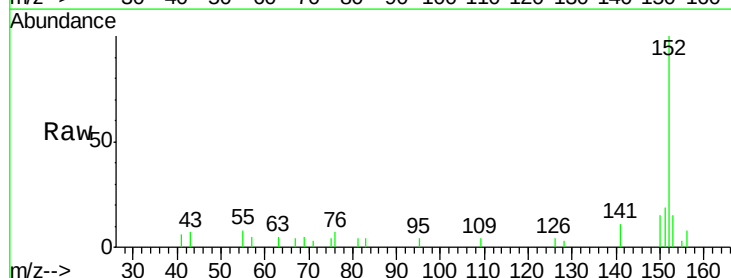
Tgt Ion:152 Resp: 11685

Ion Ratio Lower Upper

152 100

151 19.0 17.5 26.3

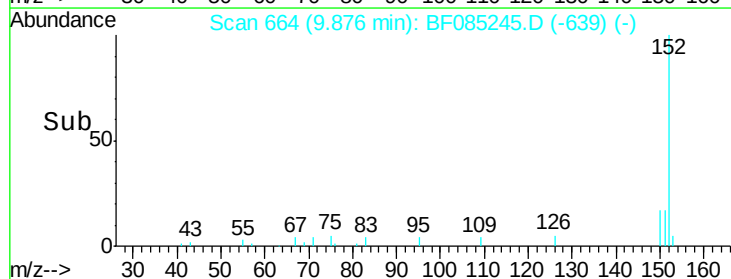
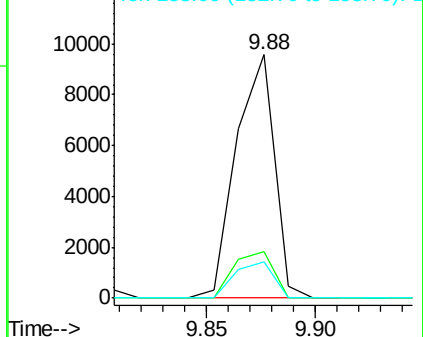
153 15.1 11.3 16.9

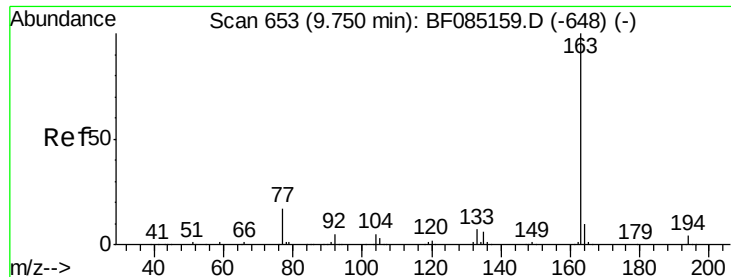


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

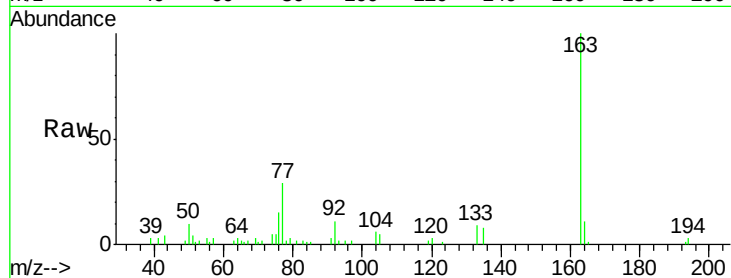




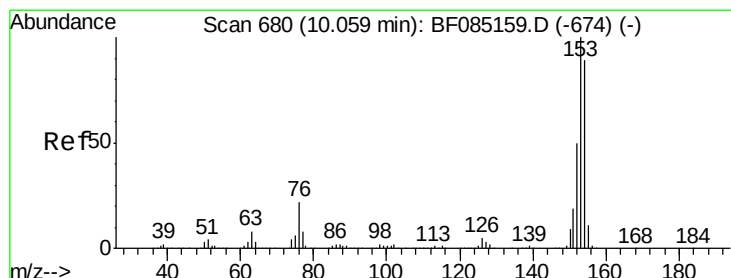
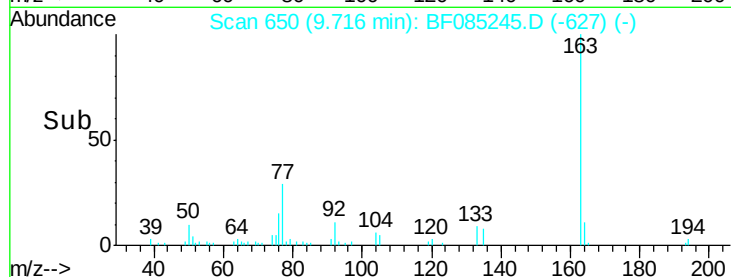
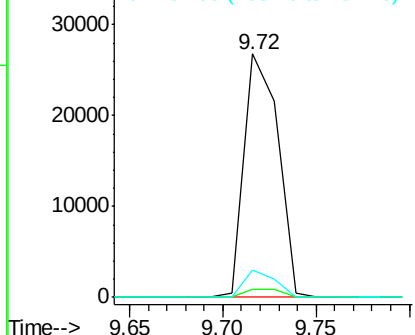
#49
Dimethylphthalate
Concen: 10.12 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:163 Resp: 33957
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 11.3 8.2 12.4

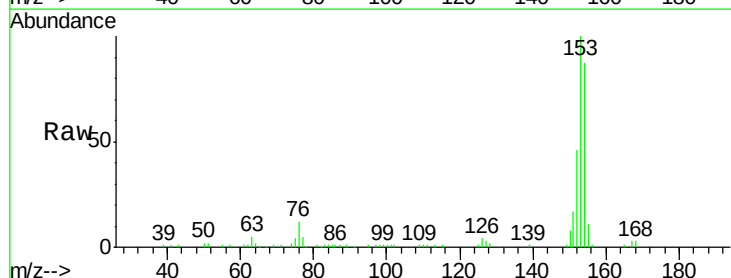


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

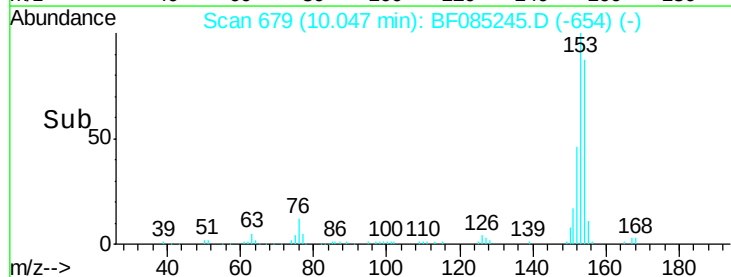
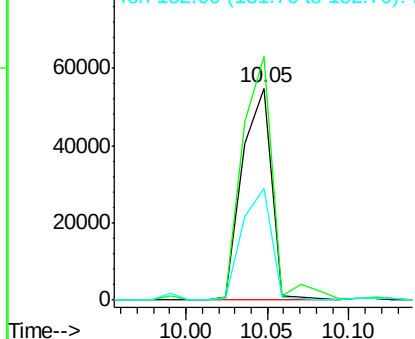


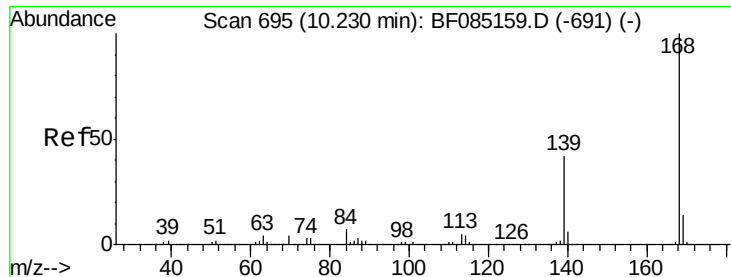
#51
Acenaphthene
Concen: 25.08 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:154 Resp: 67444
Ion Ratio Lower Upper
154 100
153 114.8 89.8 134.8
152 53.0 44.6 66.8



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

Dibenzenofuran

Concen: 13.60 ng

RT: 10.22 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

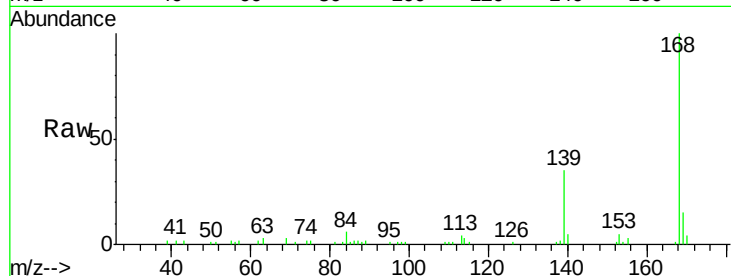
Tgt Ion:168 Resp: 47913

Ion Ratio Lower Upper

168 100

139 34.7 33.6 50.4

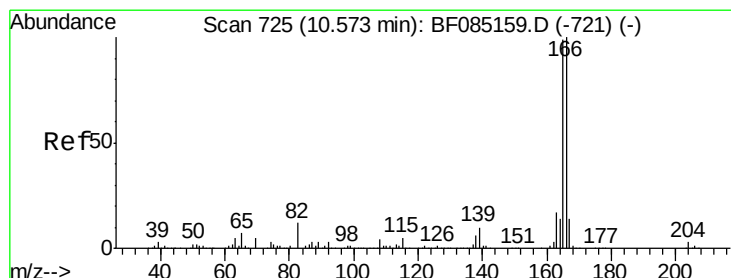
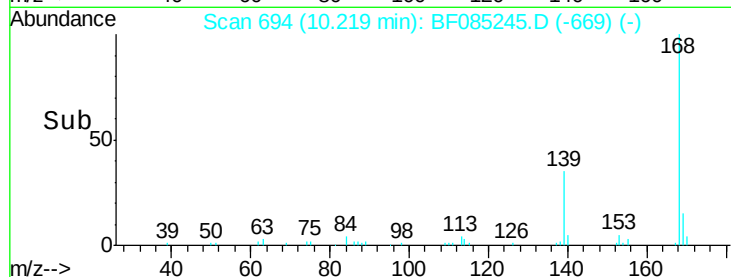
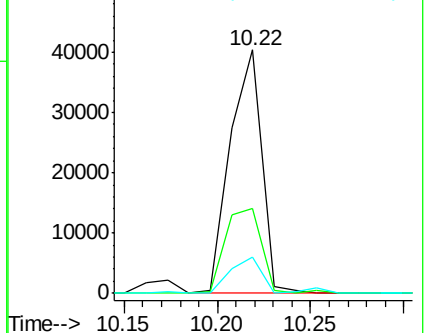
169 14.8 11.2 16.8



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: 19.35 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

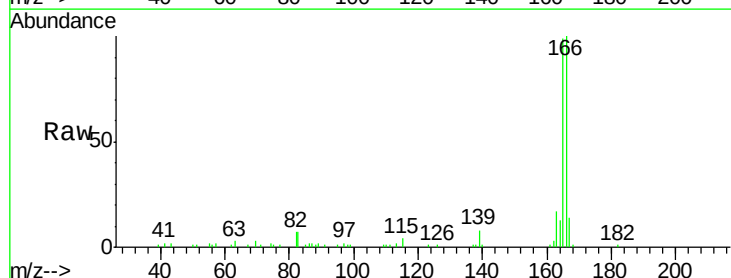
Tgt Ion:166 Resp: 53573

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

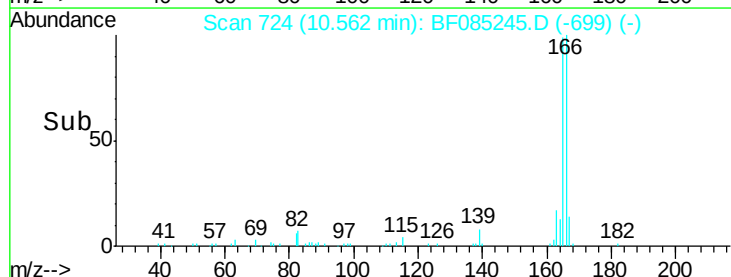
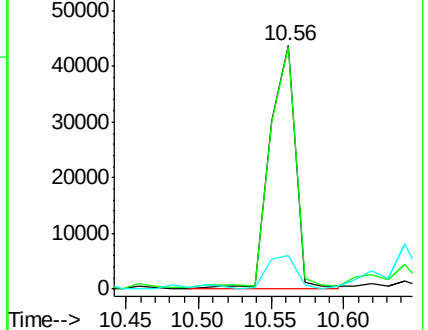
167 13.9 11.0 16.6

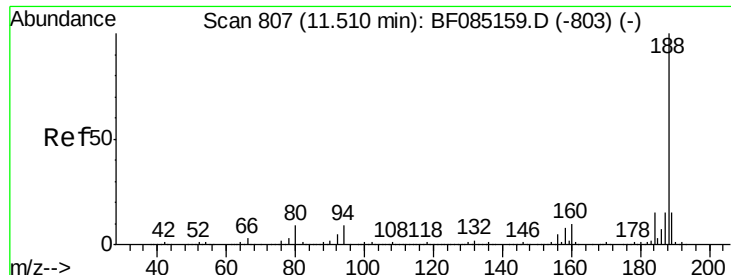


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

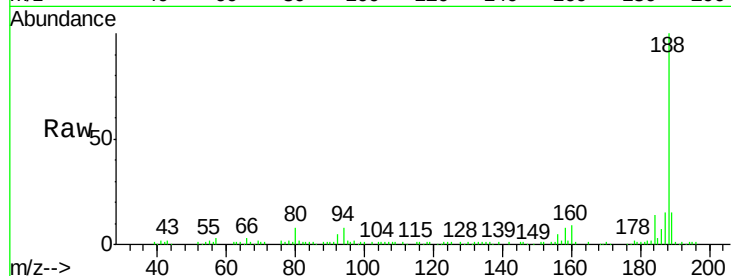




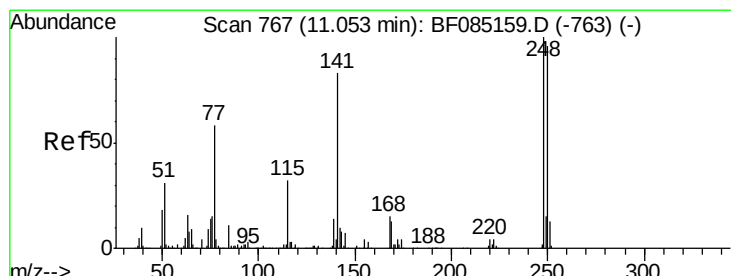
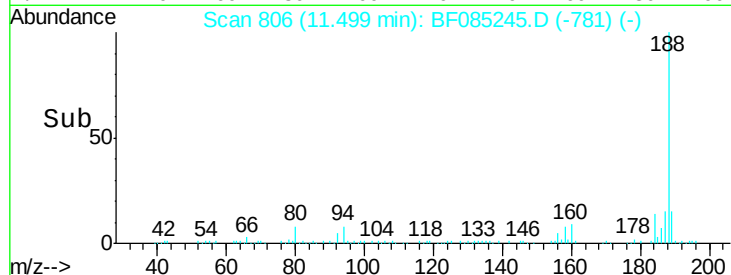
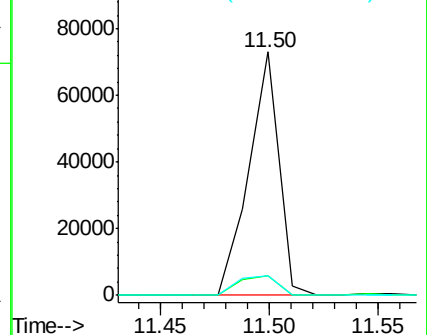
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:188 Resp: 69756
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.0 7.4 11.0

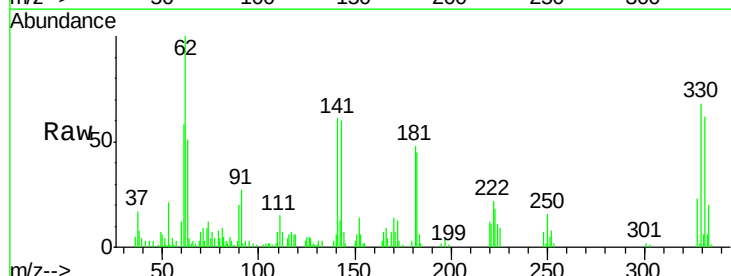


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

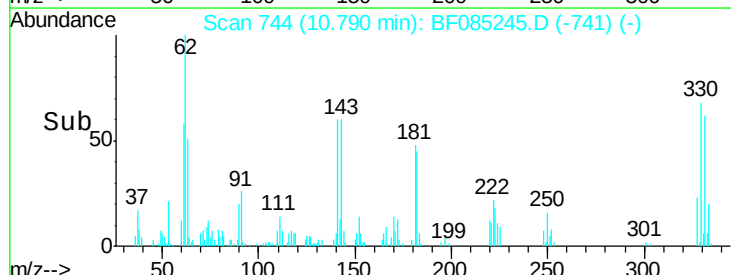
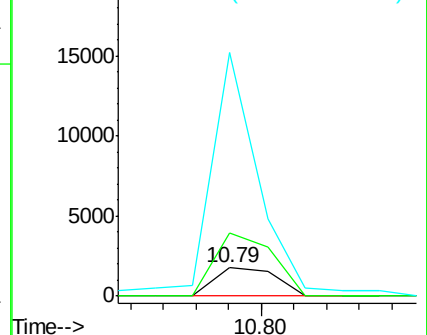


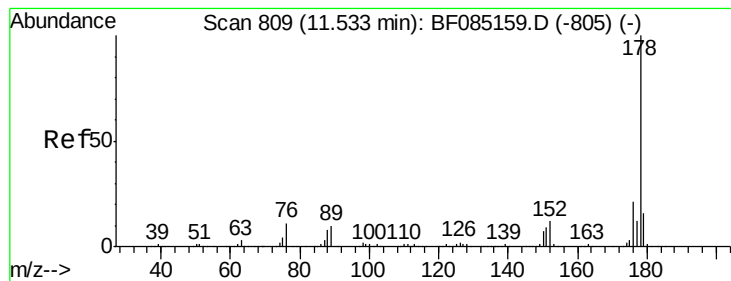
#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:248 Resp: 2252
Ion Ratio Lower Upper
248 100
250 223.1 77.1 115.7#
141 856.9 66.2 99.2#



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





#70

Phenanthrene

Concen: 206.35 ng

RT: 11.52 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

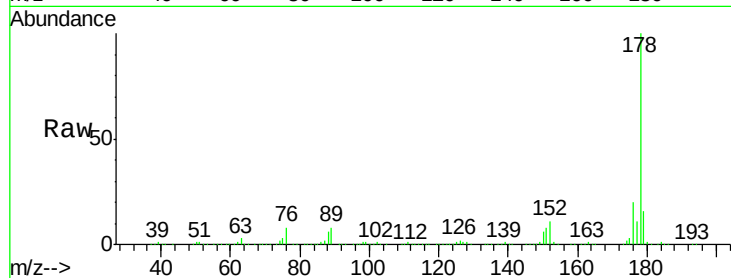
Tgt Ion:178 Resp: 754352

Ion Ratio Lower Upper

178 100

176 20.0 16.8 25.2

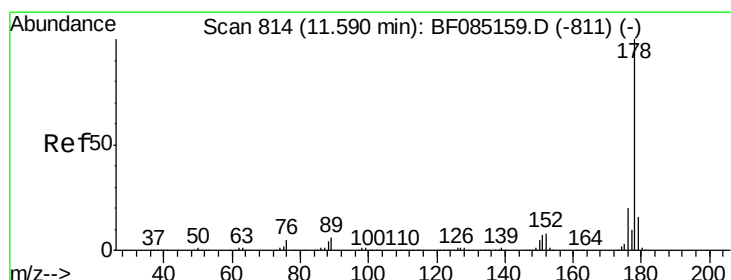
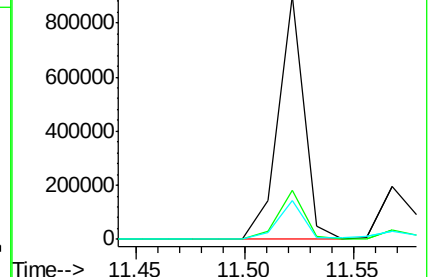
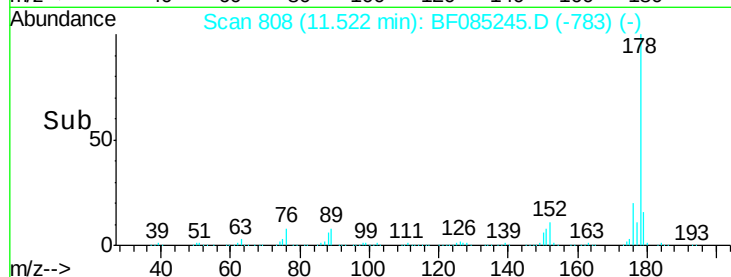
179 15.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 53.29 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

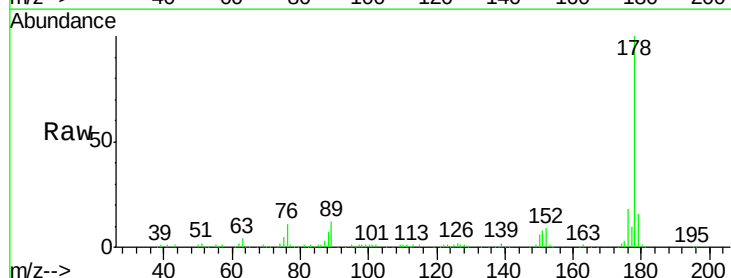
Tgt Ion:178 Resp: 206817

Ion Ratio Lower Upper

178 100

176 18.4 15.9 23.9

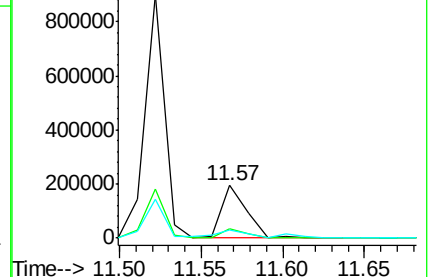
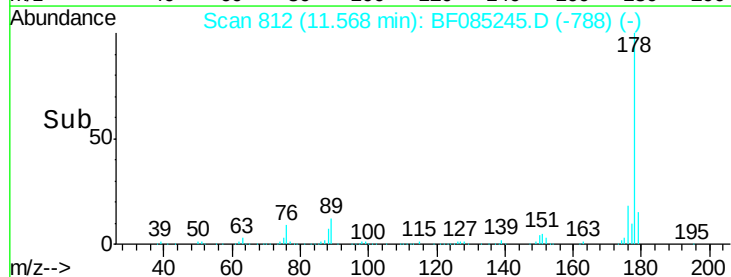
179 15.6 12.5 18.7

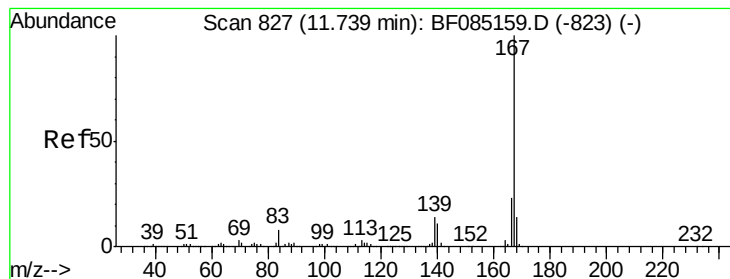


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 20.38 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

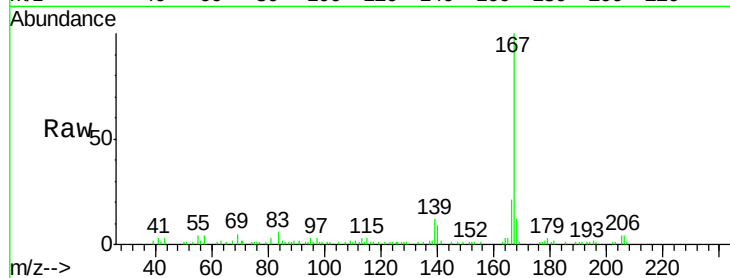
Tgt Ion:167 Resp: 69358

Ion Ratio Lower Upper

167 100

166 21.3 18.2 27.2

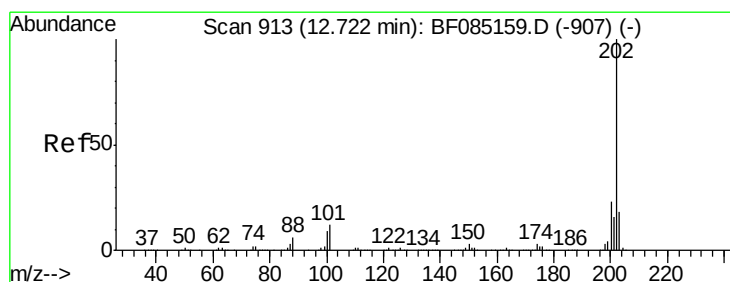
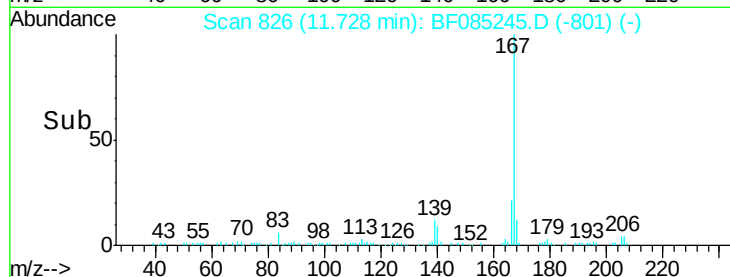
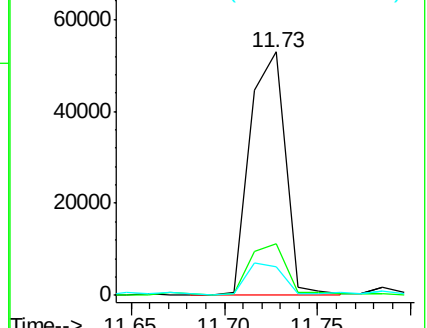
139 11.7 11.4 17.0



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: 274.97 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

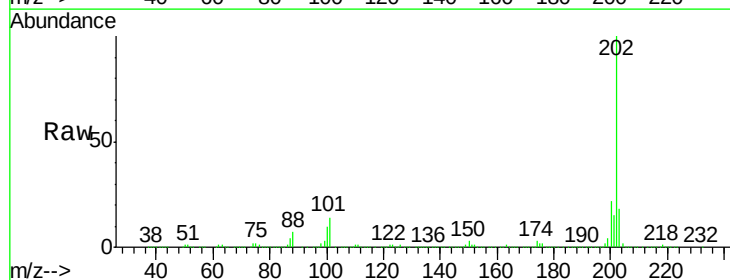
Tgt Ion:202 Resp: 1008793

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.8

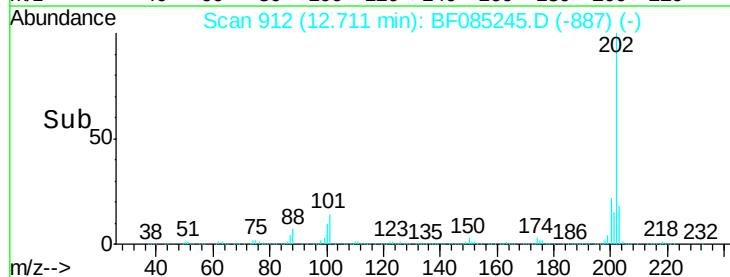
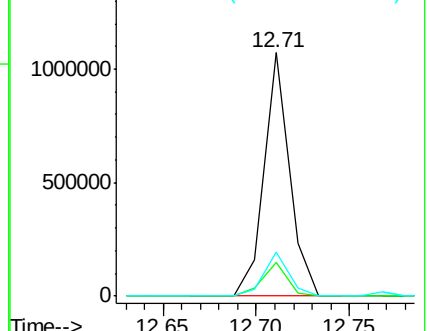
203 18.3 0.0 38.4

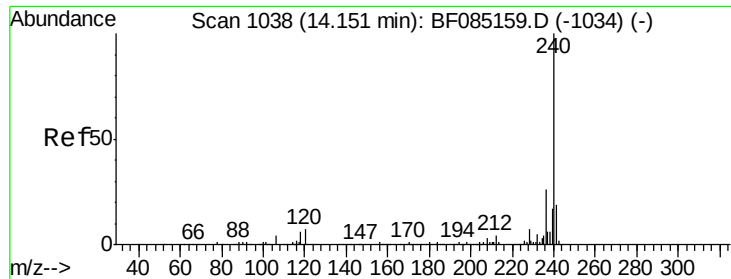


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

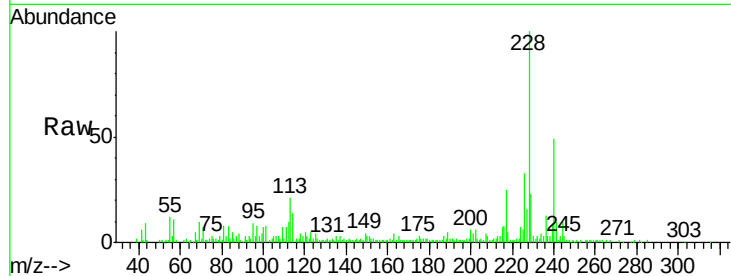
Tgt Ion:240 Resp: 49445

Ion Ratio Lower Upper

240 100

120 10.5 5.3 7.9#

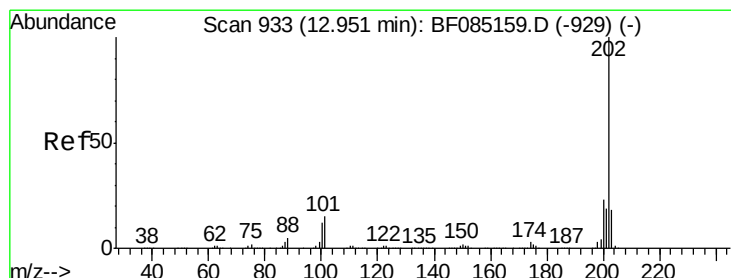
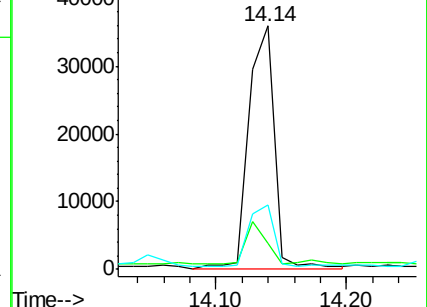
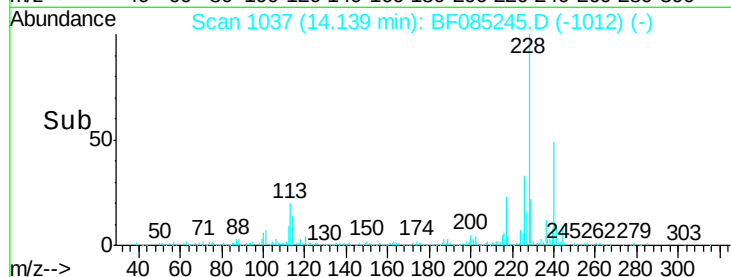
236 26.3 20.7 31.1



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: 250.53 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

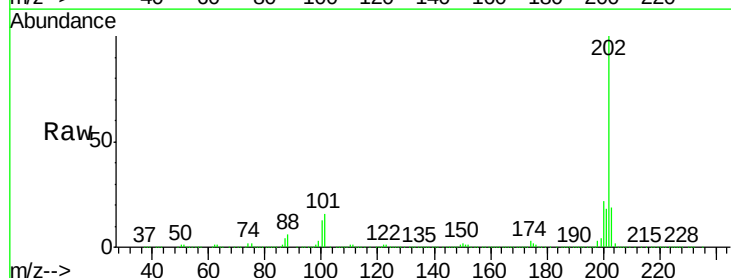
Tgt Ion:202 Resp: 932361

Ion Ratio Lower Upper

202 100

200 21.6 18.2 27.4

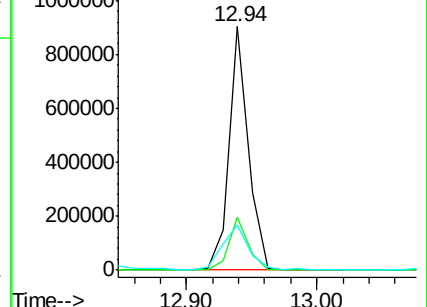
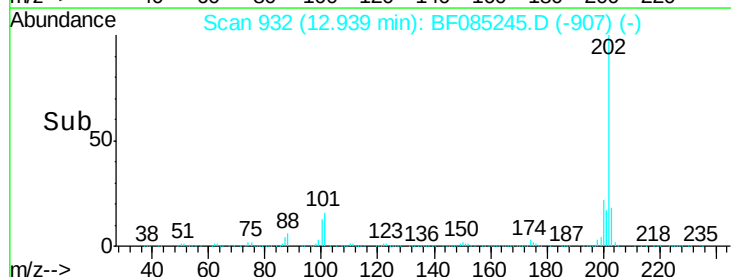
203 18.6 14.7 22.1

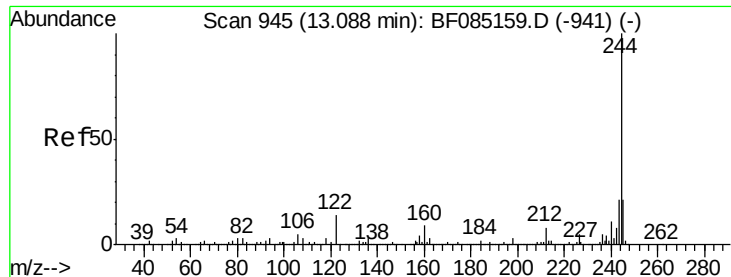


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.54 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampled :

SP-001(0-2)

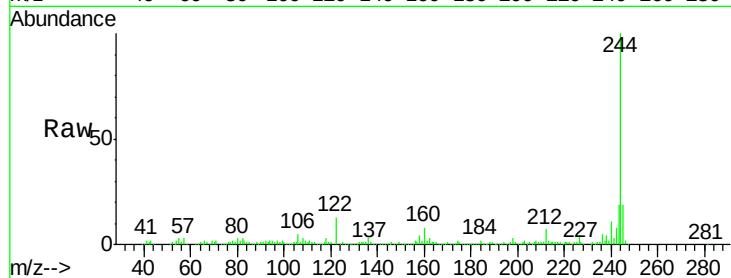
Tgt Ion:244 Resp: 171553

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

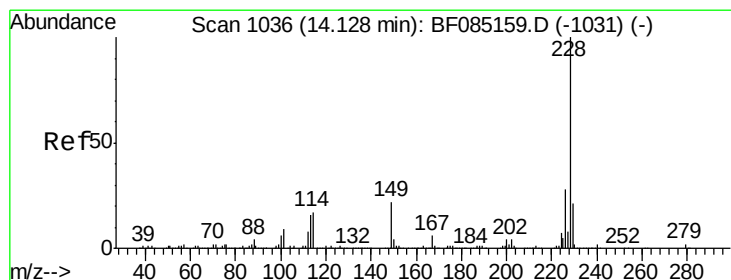
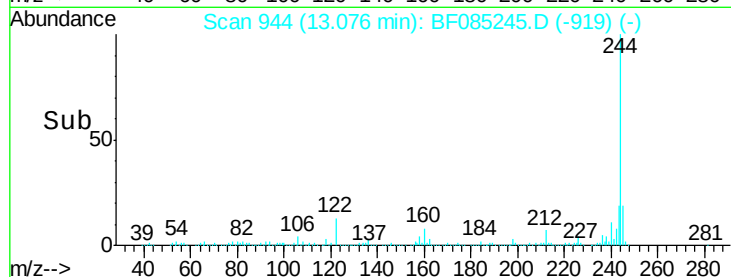
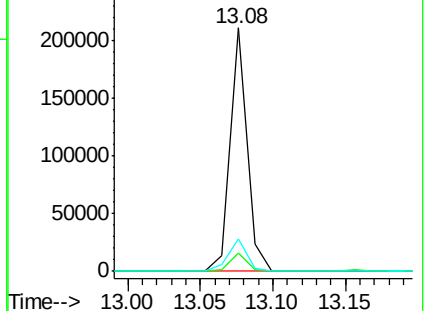
122 13.4 11.4 17.2



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: 184.25 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

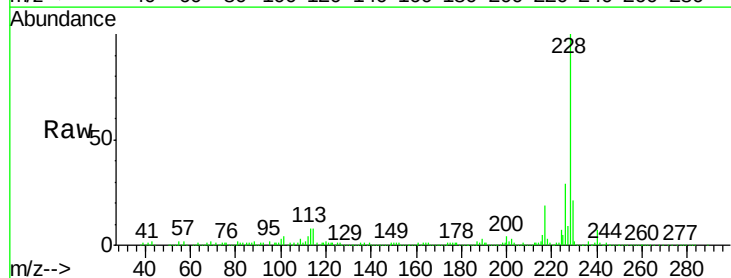
Tgt Ion:228 Resp: 545389

Ion Ratio Lower Upper

228 100

226 28.9 22.8 34.2

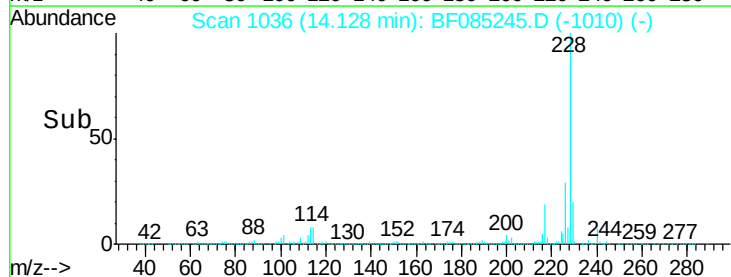
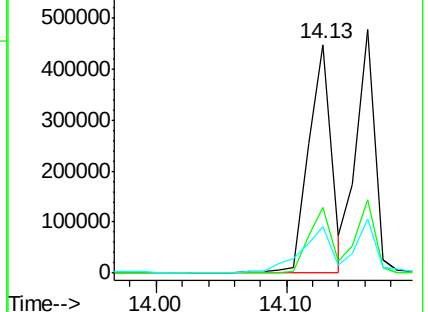
229 20.6 16.6 24.8

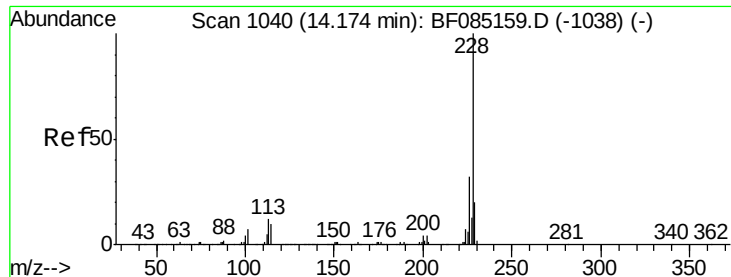


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 199.45 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

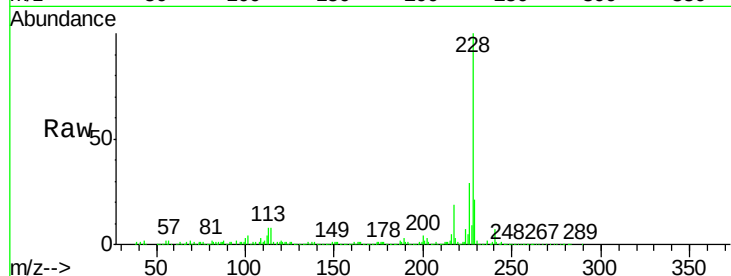
Tgt Ion:228 Resp: 545389

Ion Ratio Lower Upper

228 100

226 28.9 25.2 37.8

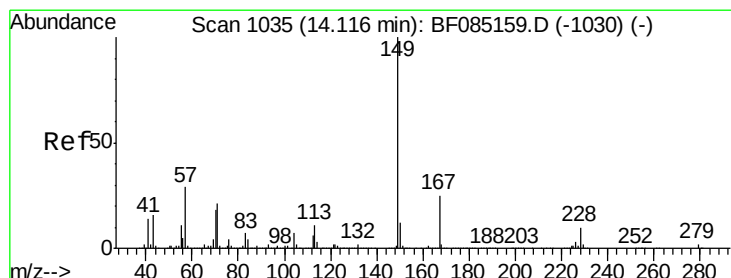
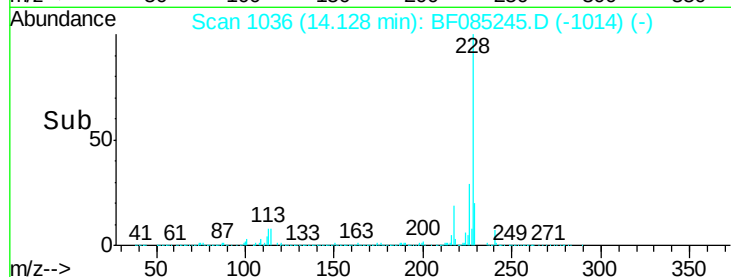
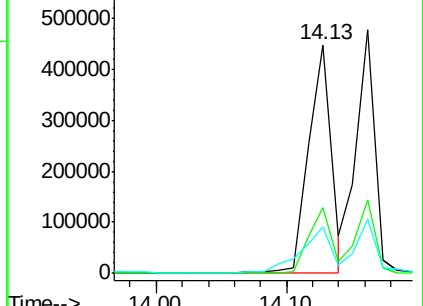
229 20.6 16.0 24.0



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: 5.09 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

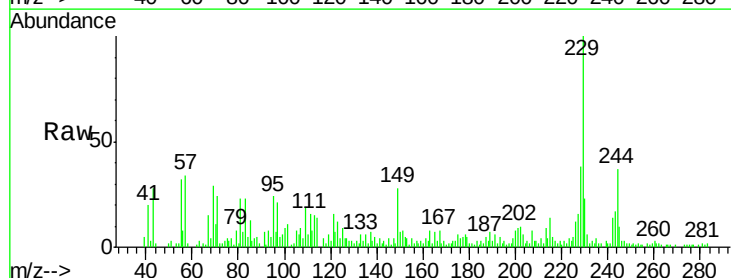
Tgt Ion:149 Resp: 11311

Ion Ratio Lower Upper

149 100

167 28.7 20.3 30.5

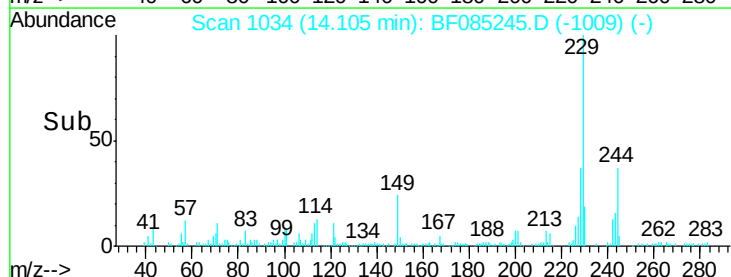
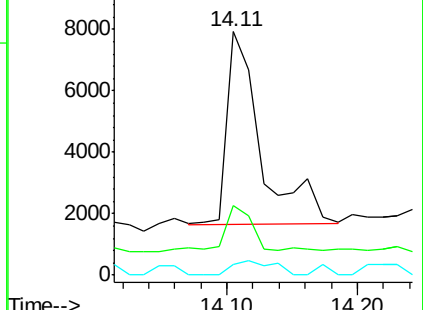
279 4.5 1.9 2.9#

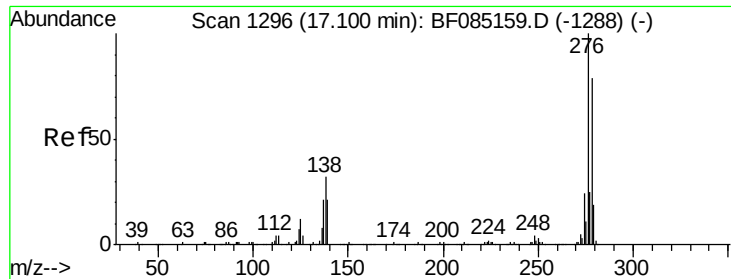


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

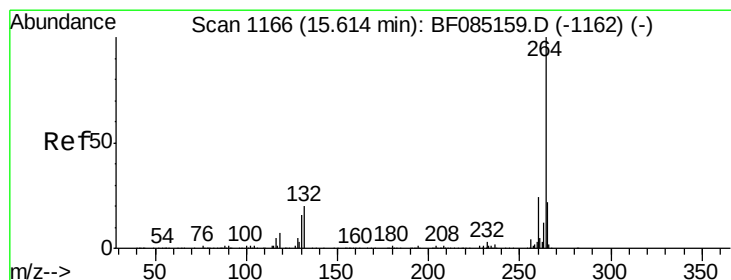
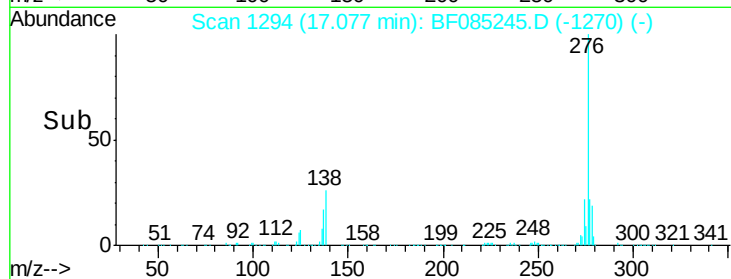
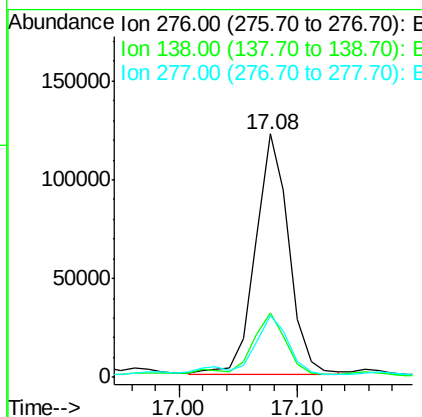
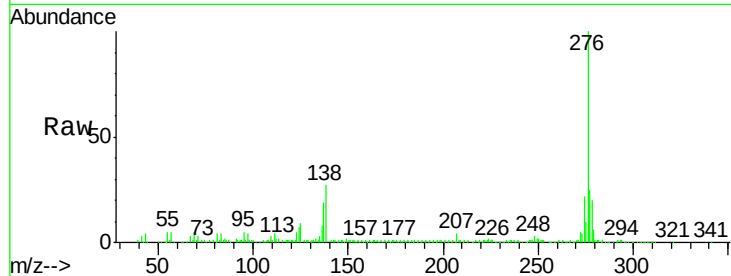




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 112.02 ng
 RT: 17.08 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF085245.D
 Acq: 5 Mar 2016 10:57

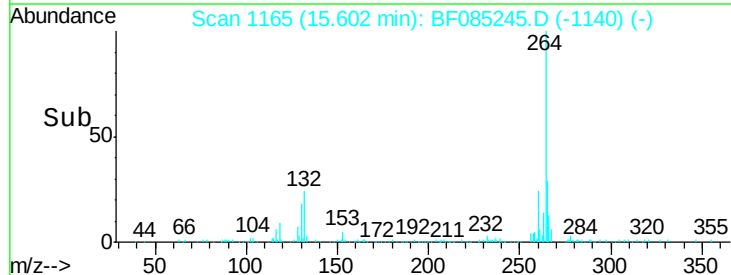
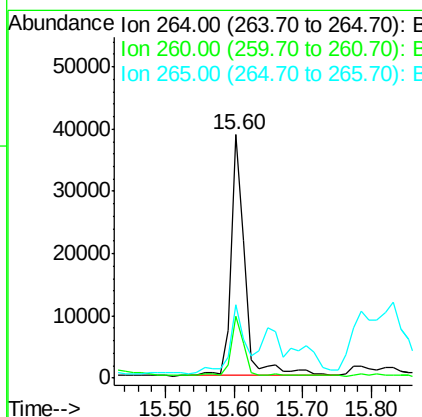
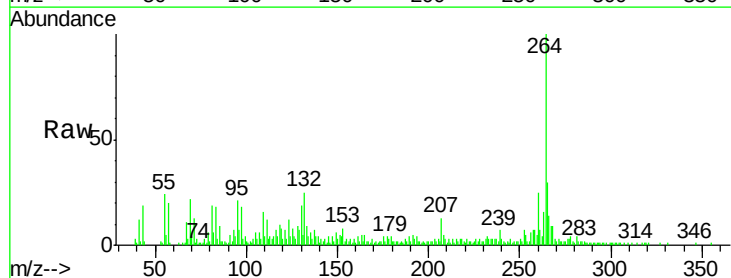
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

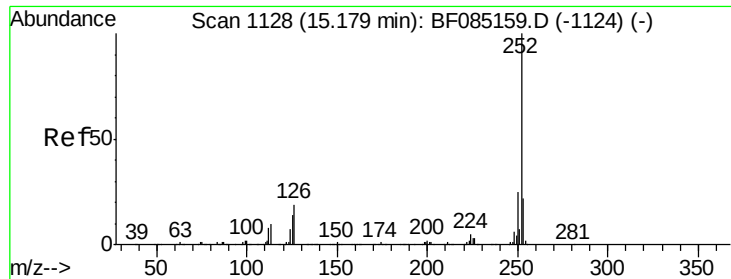
Tgt Ion:	276	Resp:	239050
Ion	Ratio	Lower	Upper
276	100		
138	26.6	26.4	39.6
277	28.4	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085245.D
 Acq: 5 Mar 2016 10:57

Tgt Ion:	264	Resp:	54965
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	30.1	17.3	25.9#





#87

Benzo(b)fluoranthene

Concen: 220.87 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

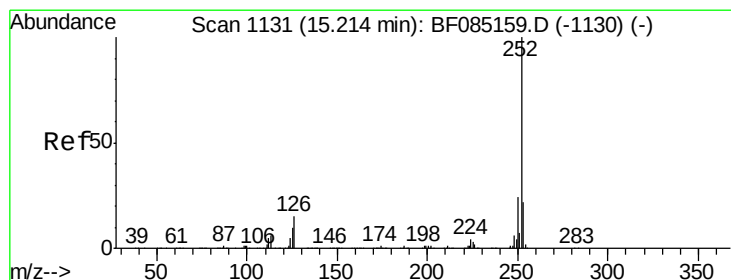
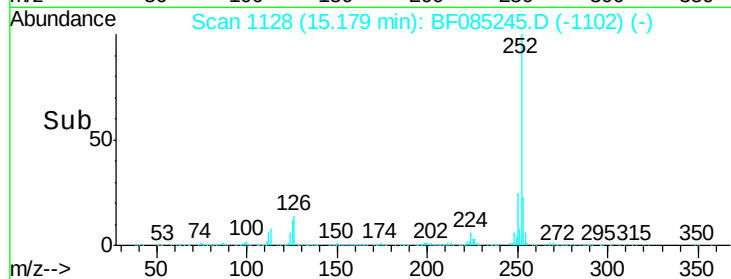
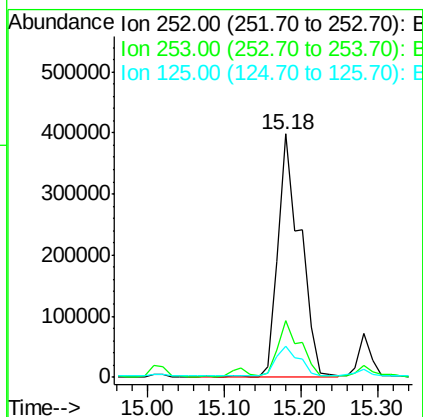
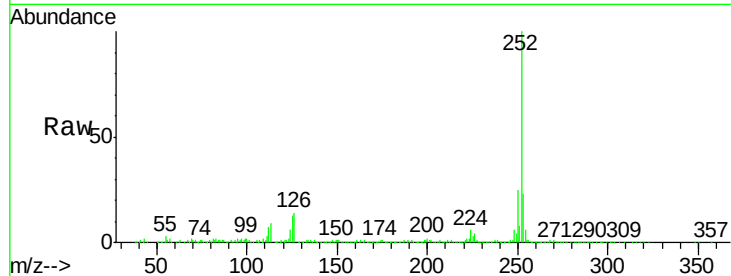
Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:252 Resp: 809175

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	13.0	11.3	16.9



#88

Benzo(k)fluoranthene

Concen: 273.83 ng

RT: 15.18 min Scan# 1128

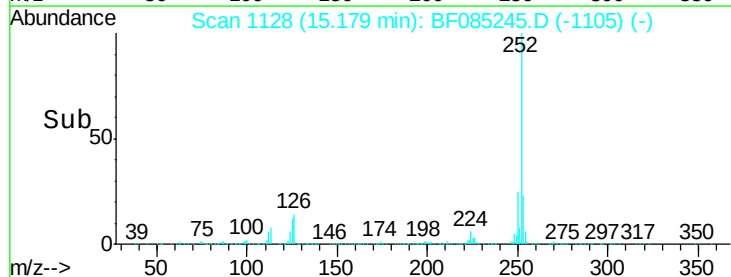
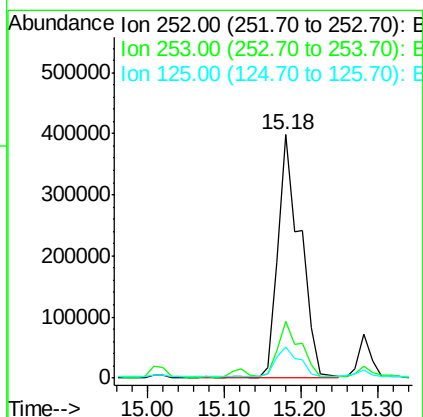
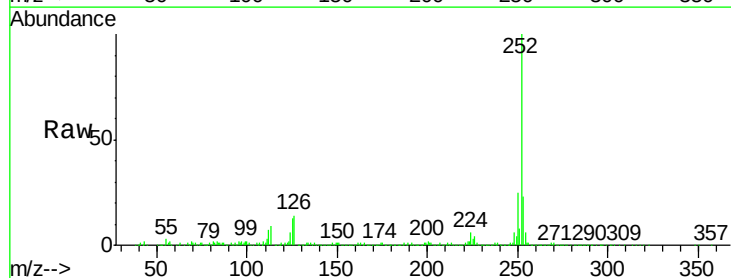
Delta R.T. -0.03 min

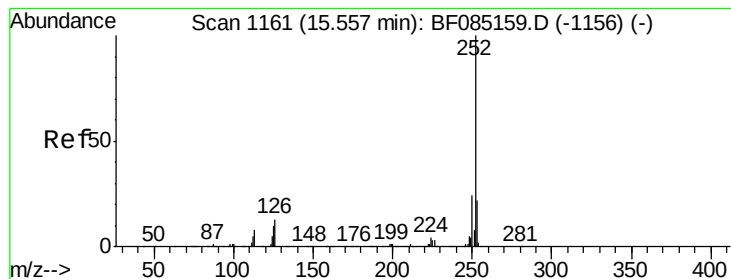
Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Tgt Ion:252 Resp: 809175

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	13.0	10.4	15.6





#89

Benzo(a)pyrene

Concen: 129.21 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

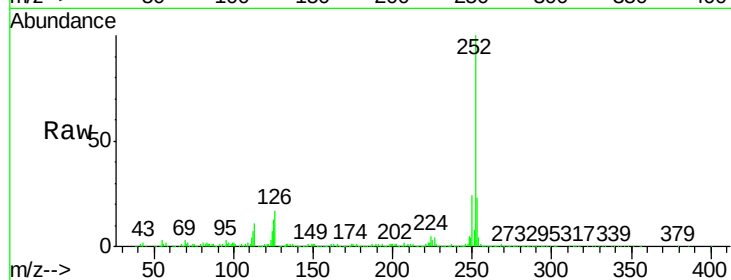
Tgt Ion:252 Resp: 392278

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

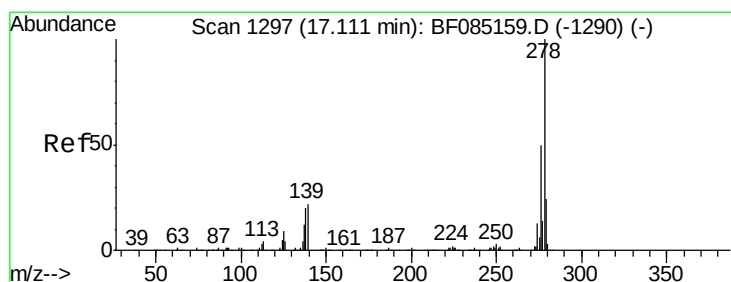
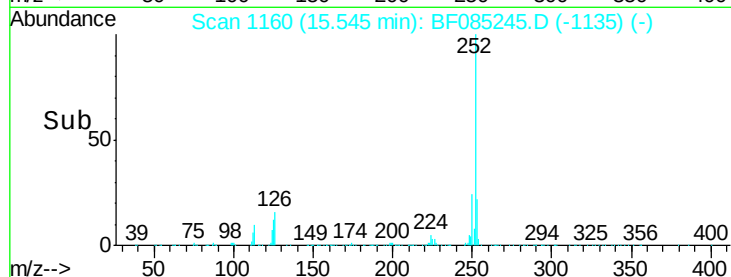
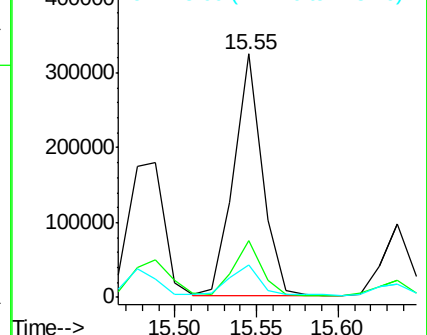
125 13.3 8.2 12.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 22.12 ng

RT: 17.09 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

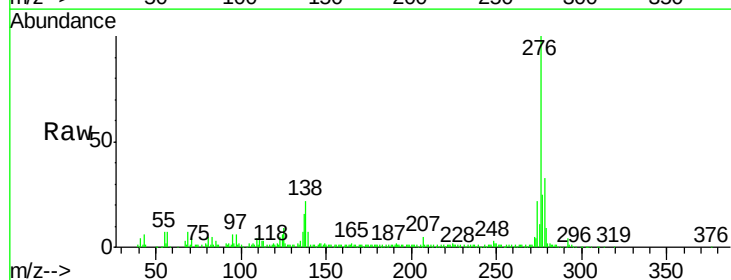
Tgt Ion:278 Resp: 57335

Ion Ratio Lower Upper

278 100

139 21.4 17.3 25.9

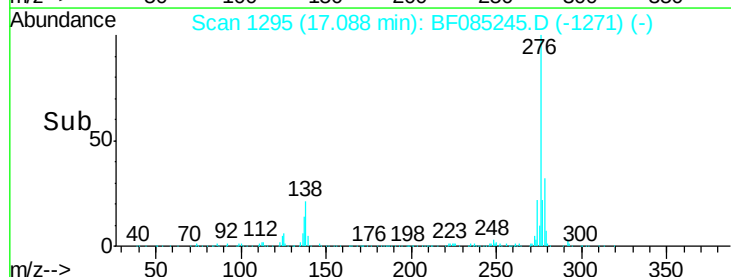
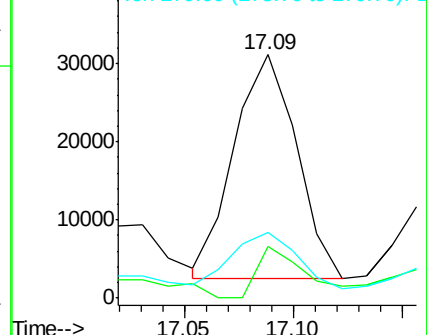
279 26.8 19.2 28.8

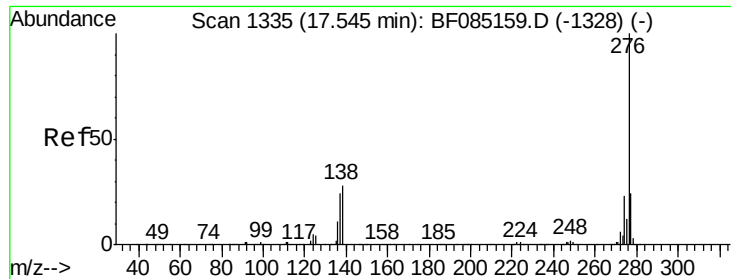


Abundance Ion 278.00 (277.70 to 278.70): E

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: 80.85 ng

RT: 17.52 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF085245.D

Acq: 5 Mar 2016 10:57

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

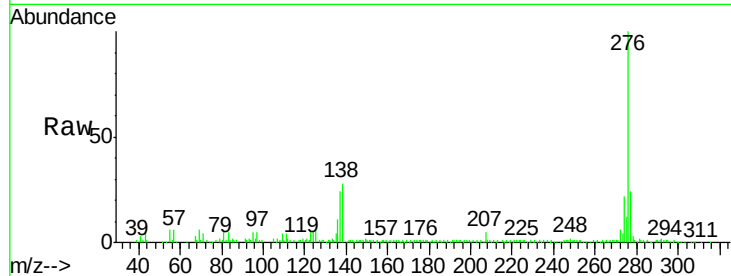
Tgt Ion:276 Resp: 210681

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 27.7 22.5 33.7



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

