

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085768.D
 Acq On : 25 Mar 2016 18:21
 Operator : UM/SJ
 Sample : H1855-04 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Mar 25 21:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108346	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	411608	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	196770	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	305765	20.00	ng	0.00
75) Chrysene-d12	13.99	240	194308	20.00	ng	0.01
86) Perylene-d12	15.41	264	198272	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	4053	0.62	ng	0.02
7) Phenol-d6	6.47	99	6357	0.77	ng	0.01
23) Nitrobenzene-d5	7.40	82	2701	0.37	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	833	0.45	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	6325	0.54	ng	0.00
78) Terphenyl-d14	12.93	244	5752	0.61	ng	0.00

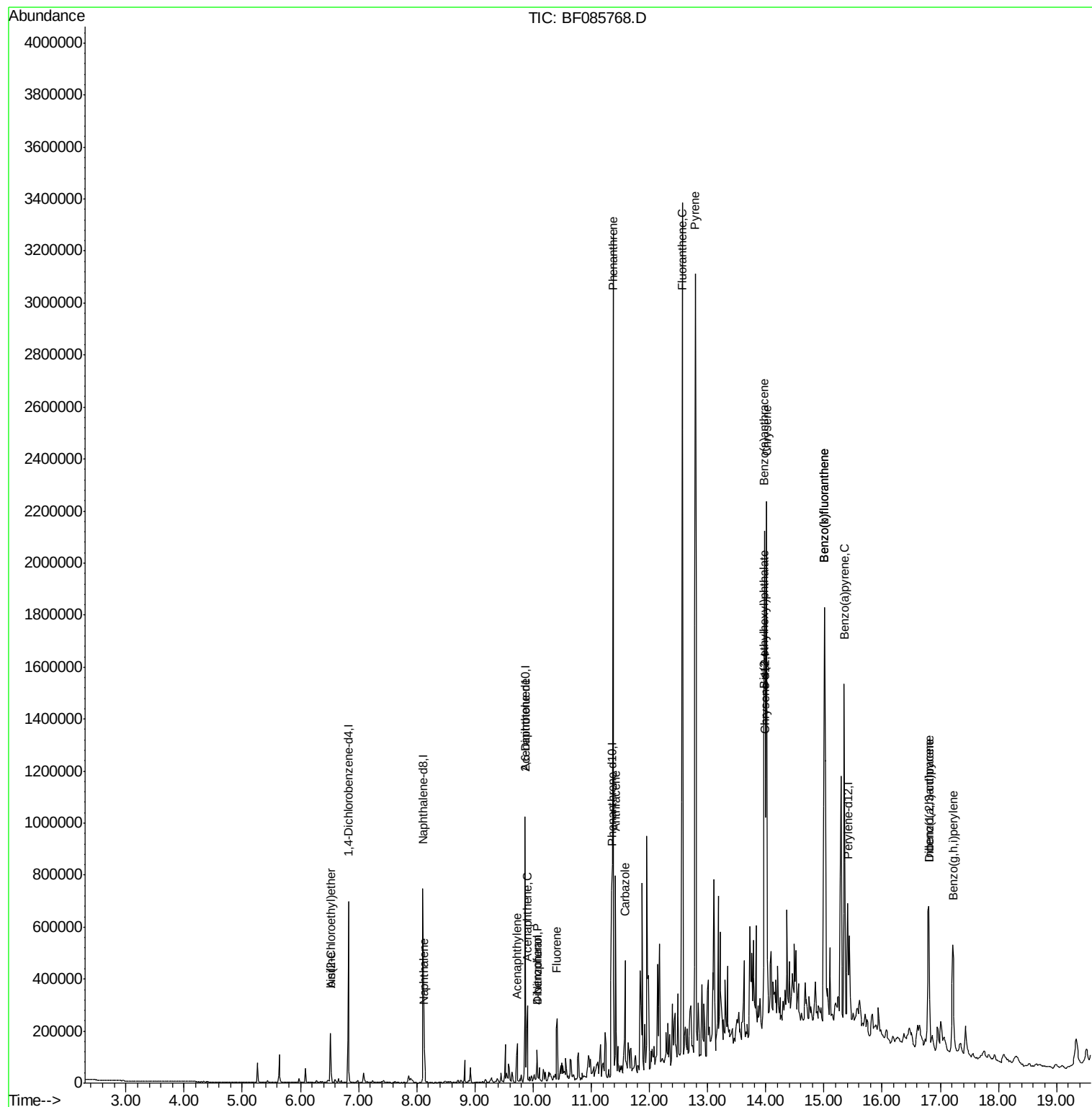
Target Compounds						Qvalue
6) Aniline	6.52	93	41183	3.70	ng	# 50
11) bis(2-Chloroethyl)ether	6.52	93	41183	5.71	ng	# 26
31) Naphthalene	8.13	128	54911	2.65	ng	99
48) Acenaphthylene	9.73	152	76549	3.85	ng	100
50) 2,6-Dinitrotoluene	9.86	165	26698	8.31	ng	# 19
51) Acenaphthene	9.90	154	83935	6.91	ng	98
54) Dibenzofuran	10.07	168	45981	2.92	ng	97
55) 4-Nitrophenol	10.07	139	19815	8.27	ng	# 12
57) Fluorene	10.41	166	97625	7.47	ng	100
70) Phenanthrene	11.37	178	1229738	78.33	ng	99
71) Anthracene	11.42	178	303083	18.39	ng	99
72) Carbazole	11.58	167	160057	11.57	ng	98
74) Fluoranthene	12.56	202	2055789	123.19	ng	96
77) Pyrene	12.79	202	1720808	107.74	ng	98
80) Benzo(a)anthracene	13.98	228	782918	70.66	ng	95
82) Chrysene	14.01	228	737144	66.05	ng	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	28240	3.53	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.80	276	381400	44.26	ng	94
87) Benzo(b)fluoranthene	15.01	252	1231617	98.60	ng	99
88) Benzo(k)fluoranthene	15.01	252	1231617	109.38	ng	# 96
89) Benzo(a)pyrene	15.35	252	628153	56.64	ng	97
90) Dibenzo(a,h)anthracene	16.80	278	100353	9.74	ng	95
91) Benzo(g,h,i)perylene	17.21	276	340248	32.61	ng	97

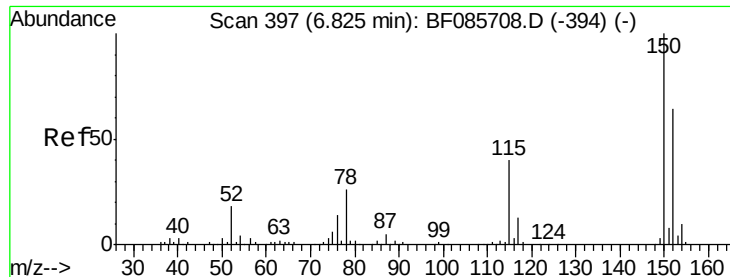
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampled :

SB-2

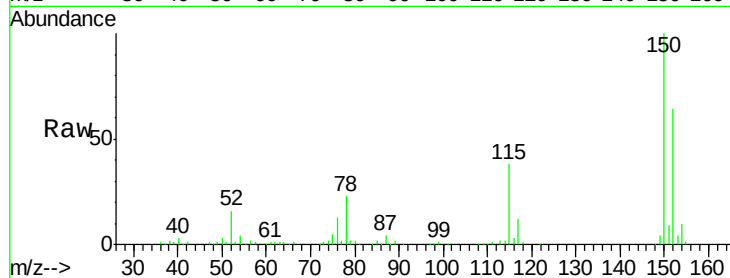
Tgt Ion:152 Resp: 108346

Ion Ratio Lower Upper

152 100

150 155.1 124.2 186.2

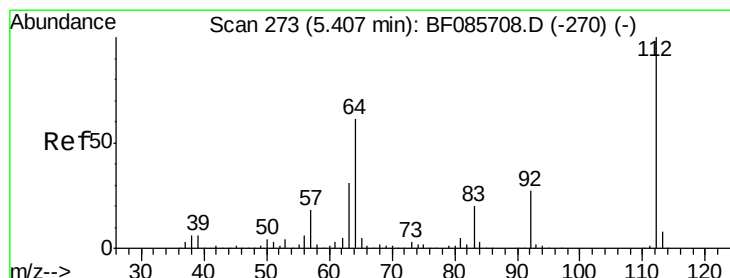
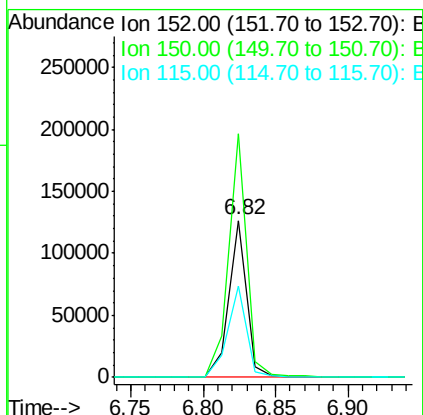
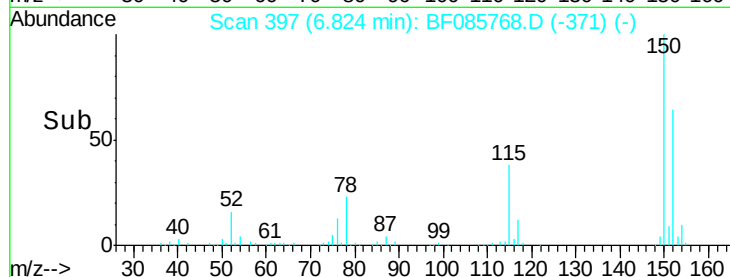
115 58.5 47.0 70.6



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: 0.62 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

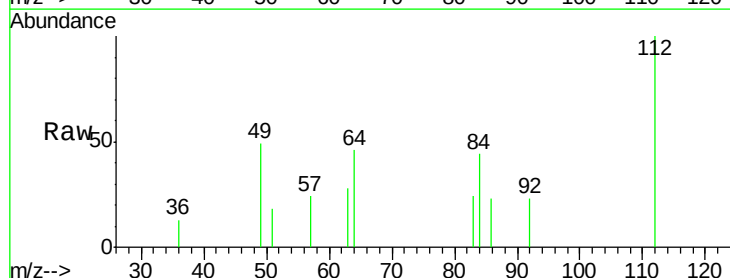
Tgt Ion:112 Resp: 4053

Ion Ratio Lower Upper

112 100

64 45.7 39.9 59.9

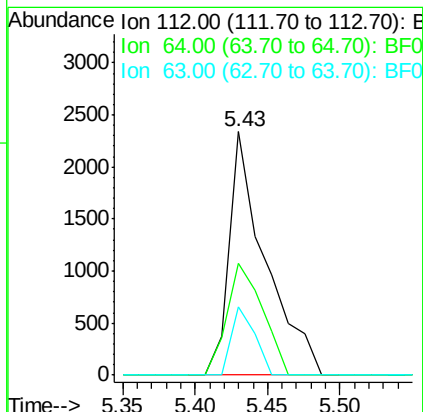
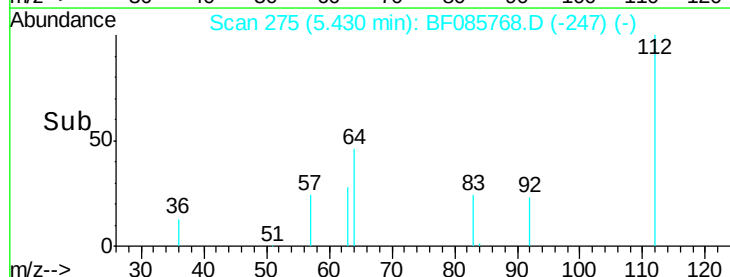
63 27.9 20.2 30.2

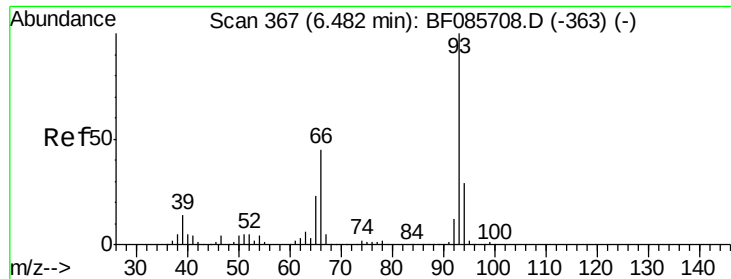


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 3.70 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.03 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

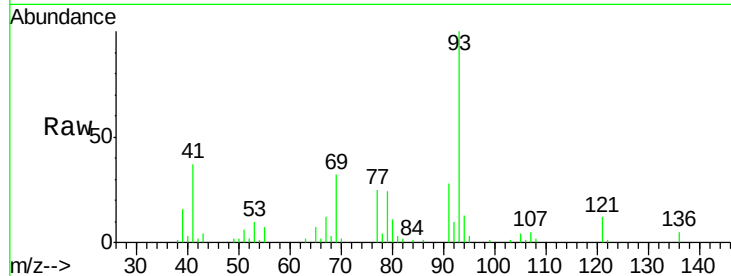
Tgt Ion: 93 Resp: 41183

Ion Ratio Lower Upper

93 100

66 2.4 31.4 47.2#

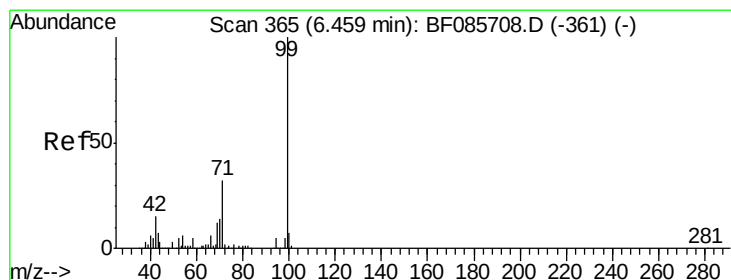
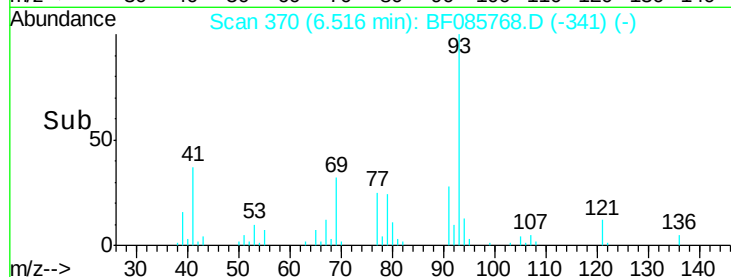
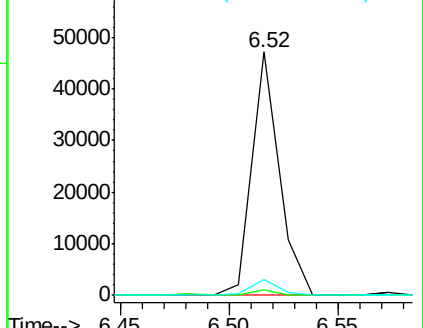
65 6.6 15.7 23.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 0.77 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

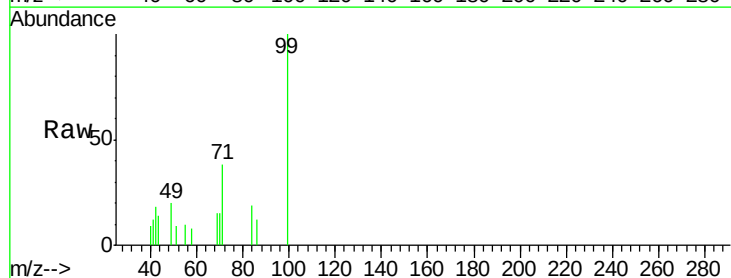
Tgt Ion: 99 Resp: 6357

Ion Ratio Lower Upper

99 100

42 17.7 11.1 16.7#

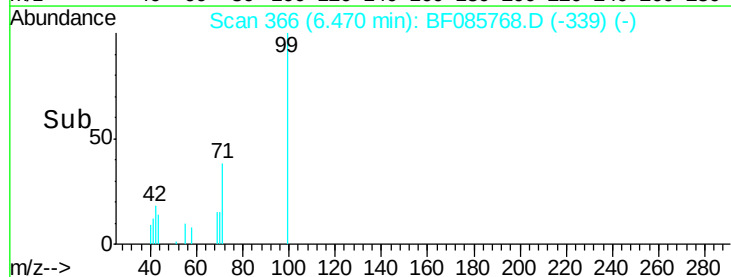
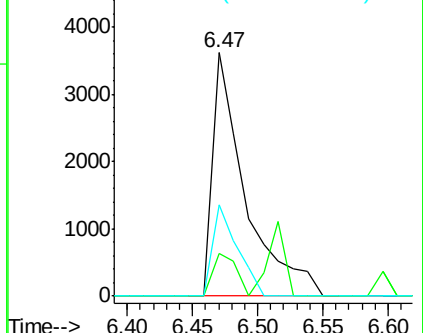
71 37.6 24.9 37.3#

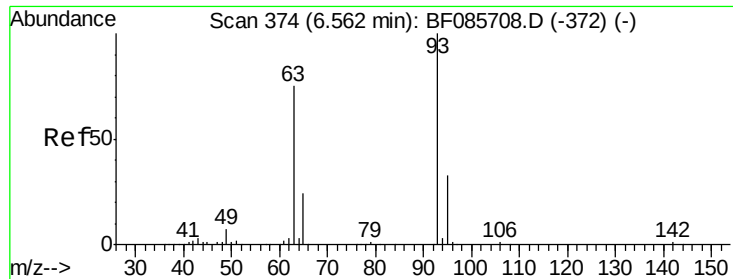


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 5.71 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.05 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

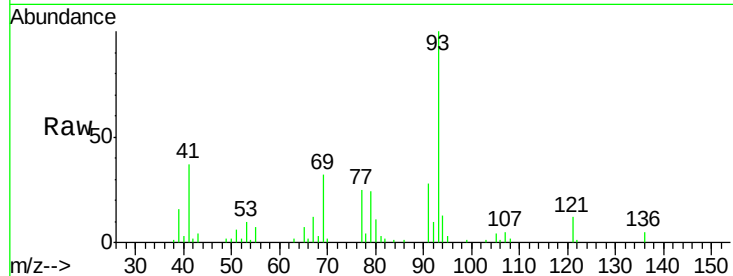
Tgt Ion: 93 Resp: 41183

Ion Ratio Lower Upper

93 100

63 2.0 50.9 90.9#

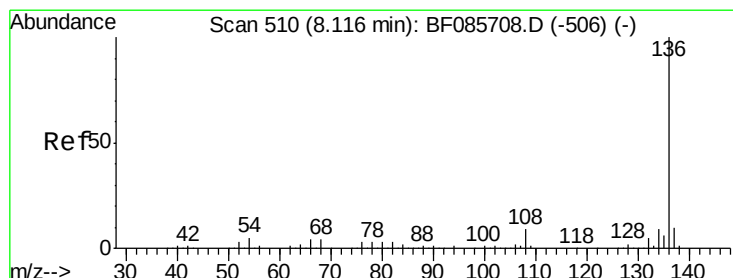
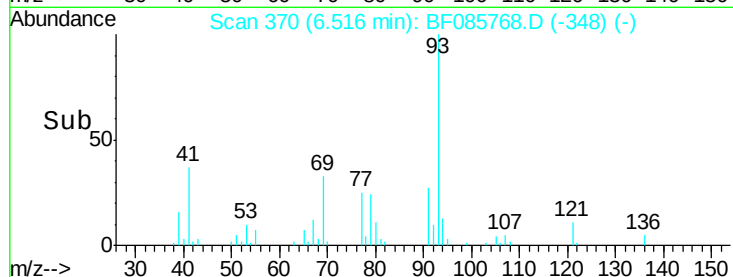
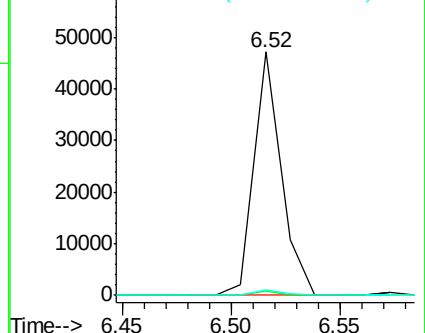
95 2.5 13.3 53.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Tgt Ion: 136 Resp: 411608

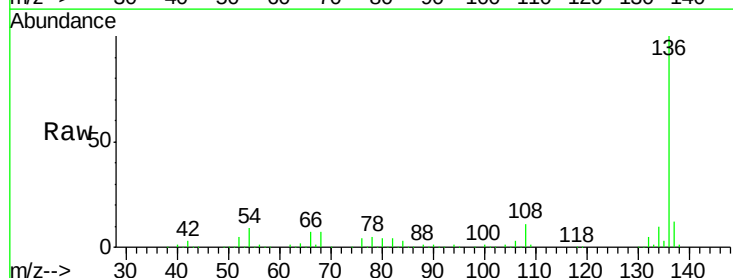
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 9.4 7.4 11.0

68 7.4 5.8 8.8

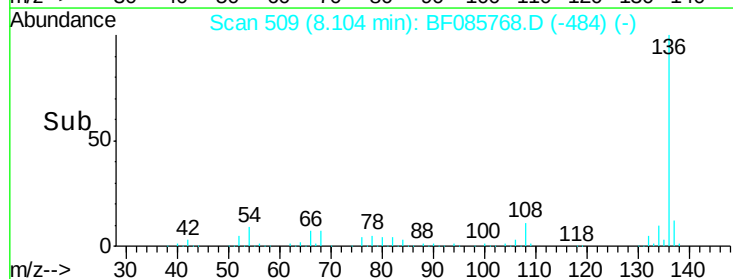
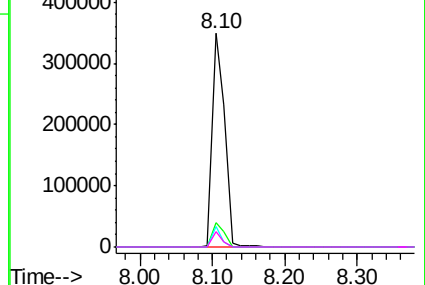


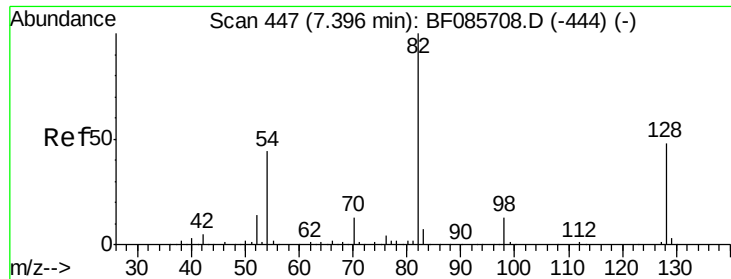
Abundance Ion 136.00 (135.70 to 136.70): E

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

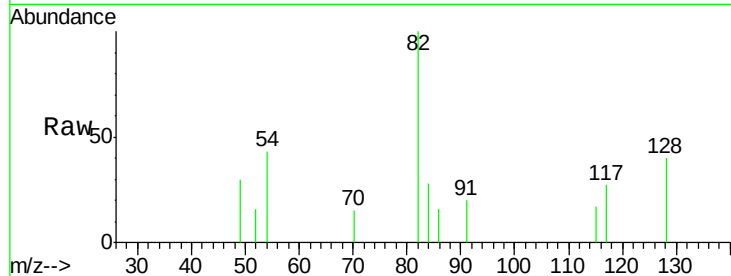




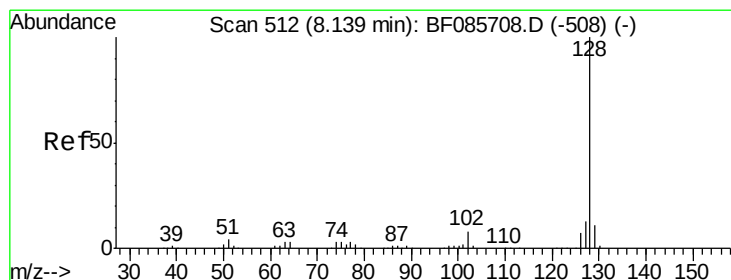
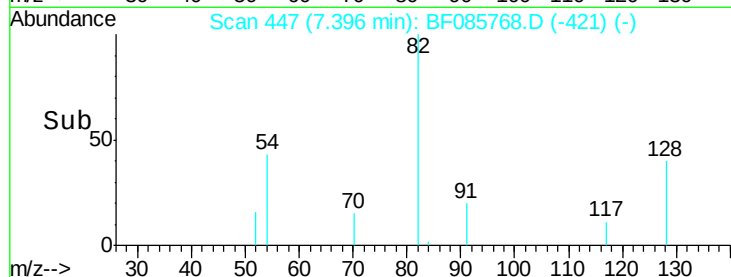
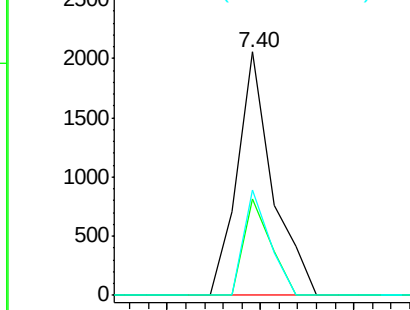
#23
Nitrobenzene-d5
Concen: 0.37 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085768.D
Acq: 25 Mar 2016 18:21

Instrument :
BNA_F
ClientSampled :
SB-2

Tgt Ion: 82 Resp: 2701
Ion Ratio Lower Upper
82 100
128 39.8 41.8 62.8#
54 43.4 33.4 50.0

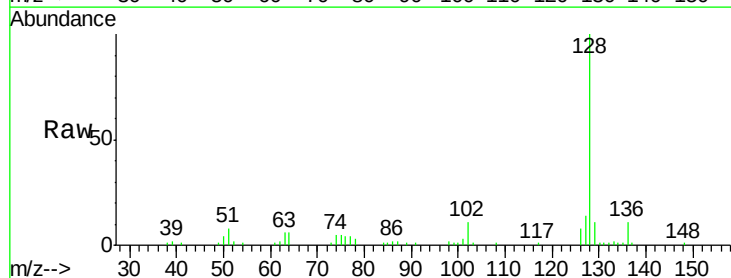


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

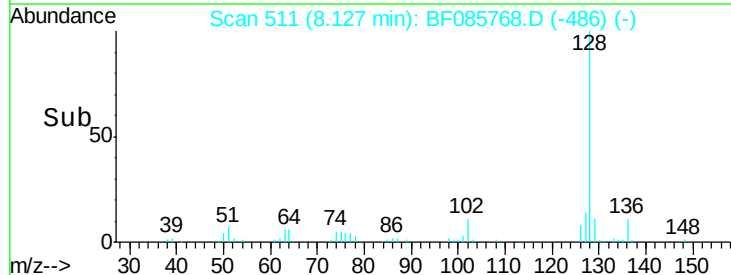
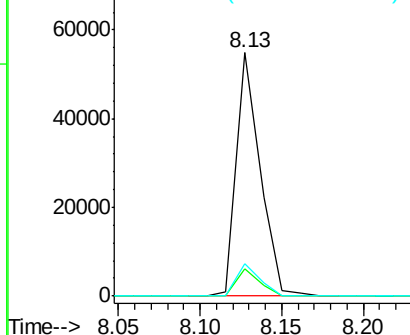


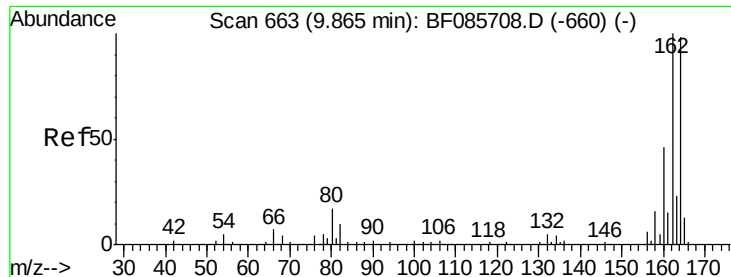
#31
Naphthalene
Concen: 2.65 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085768.D
Acq: 25 Mar 2016 18:21

Tgt Ion: 128 Resp: 54911
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.5 11.0 16.6



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

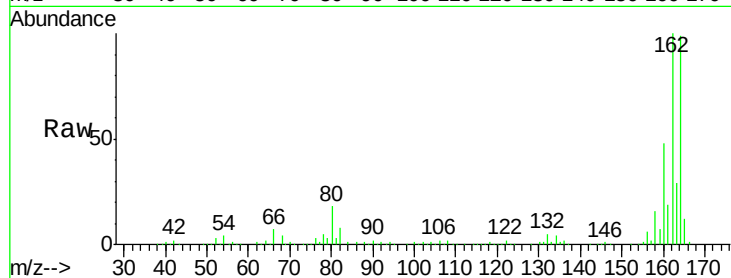
Tgt Ion:164 Resp: 196770

Ion Ratio Lower Upper

164 100

162 100.5 82.1 123.1

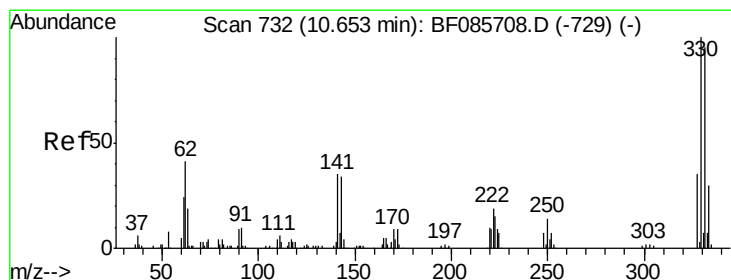
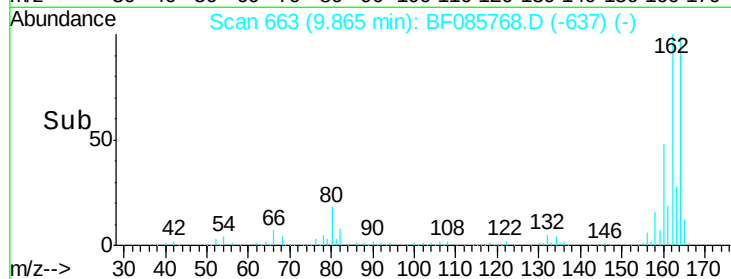
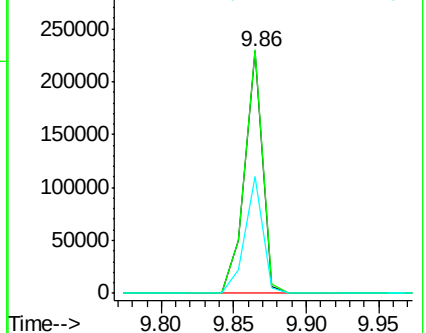
160 48.2 37.4 56.2



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: 0.45 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

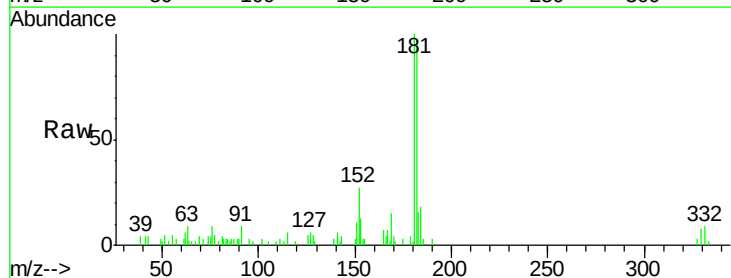
Tgt Ion:330 Resp: 833

Ion Ratio Lower Upper

330 100

332 138.2 78.2 117.2#

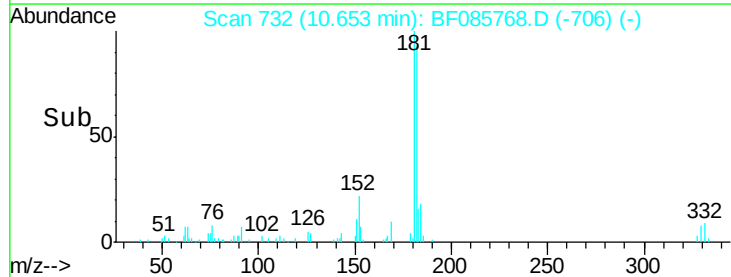
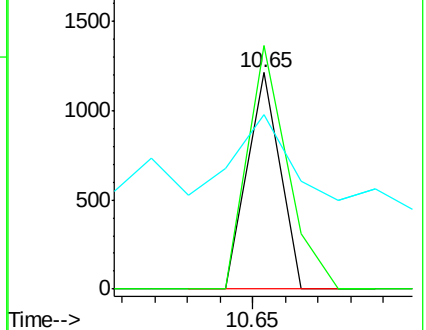
141 525.1 31.5 47.3#

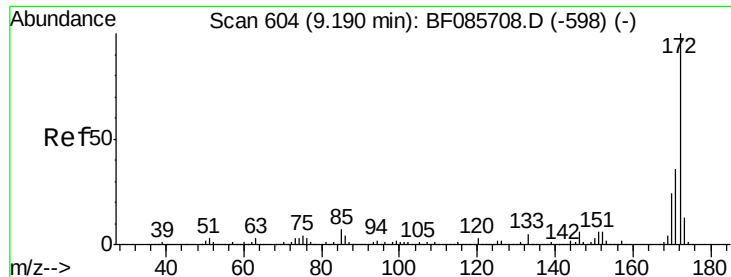


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

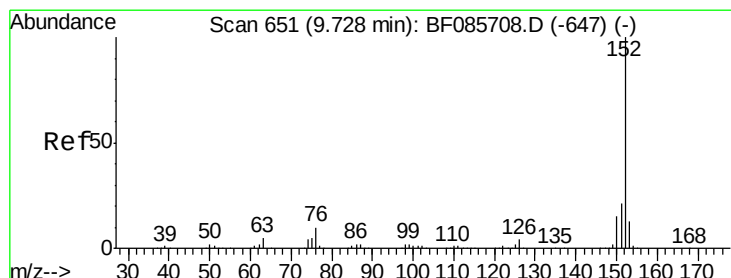
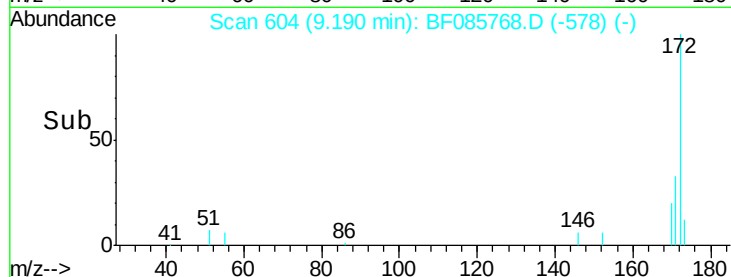
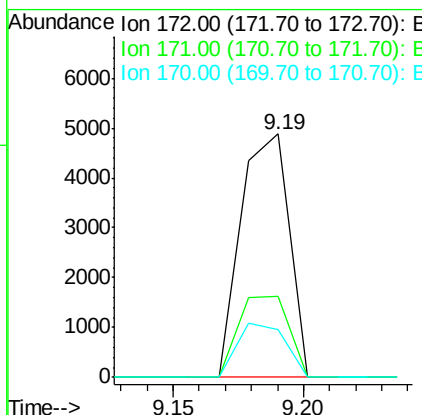
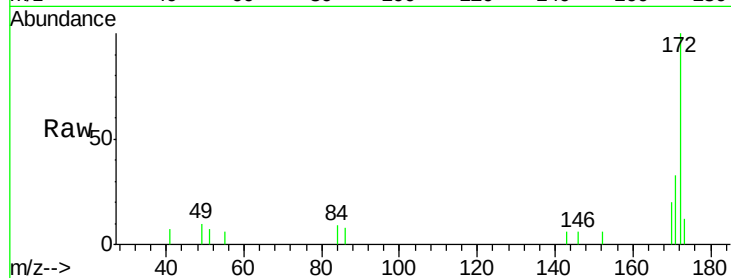




#44
 2-Fluorobiphenyl
 Concen: 0.54 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085768.D
 Acq: 25 Mar 2016 18:21

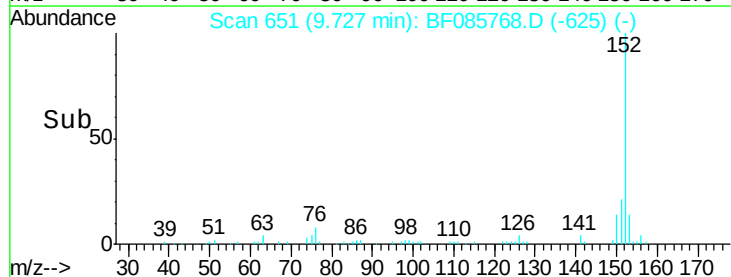
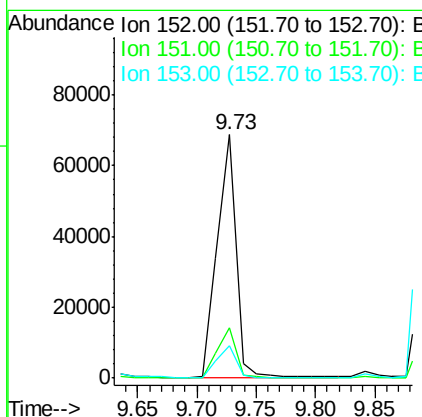
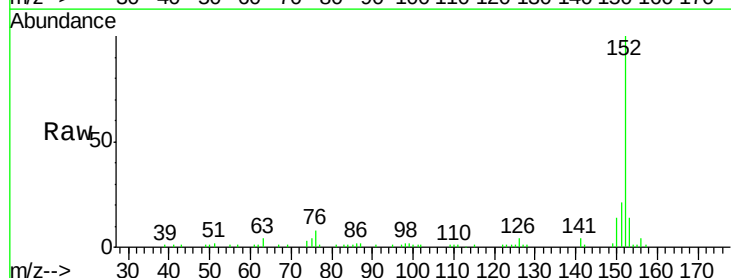
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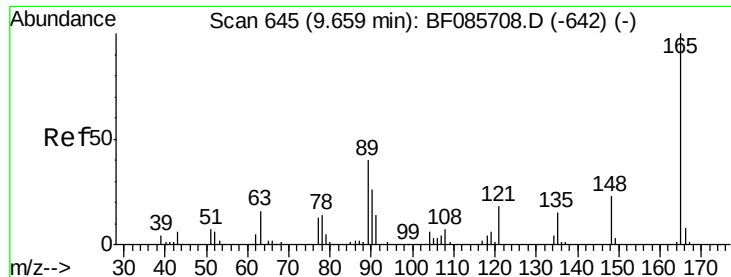
Tgt Ion:172 Resp: 6325
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.4 44.2
 170 19.7 19.8 29.6#



#48
 Acenaphthylene
 Concen: 3.85 ng
 RT: 9.73 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF085768.D
 Acq: 25 Mar 2016 18:21

Tgt Ion:152 Resp: 76549
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.5 10.9 16.3

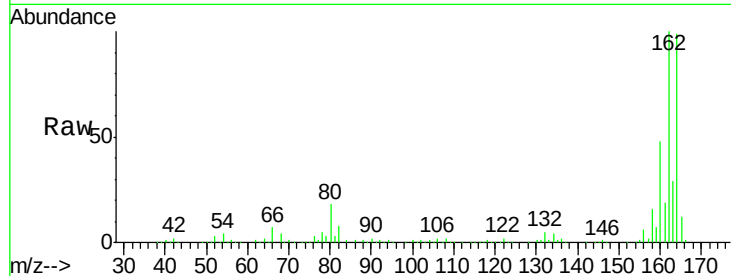




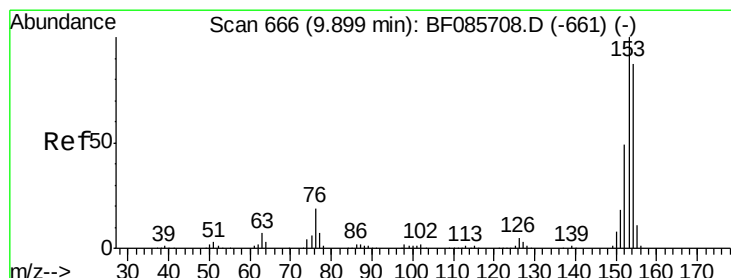
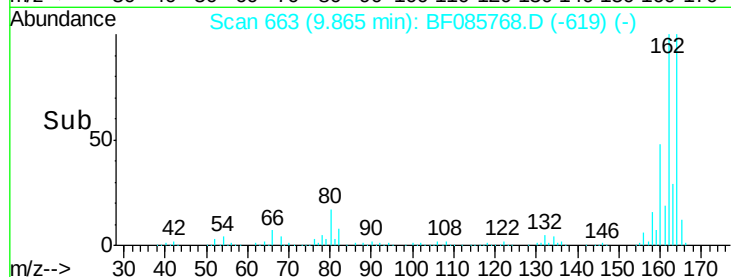
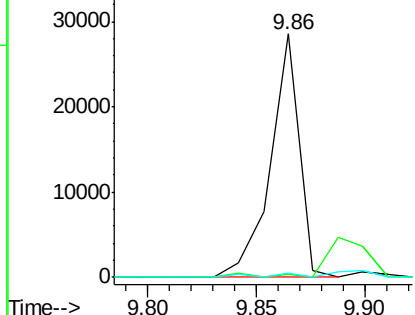
#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.21 min
Lab File: BF085768.D
Acq: 25 Mar 2016 18:21

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:165 Resp: 26698
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.8#
89 1.6 53.7 80.5#

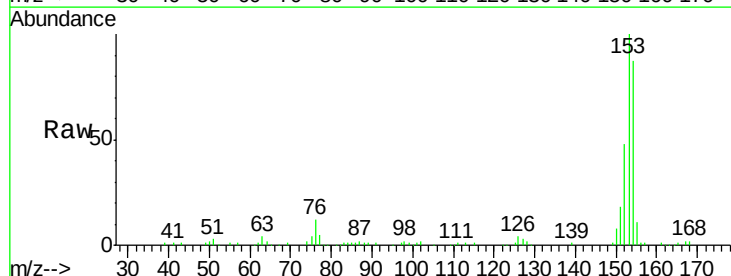


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

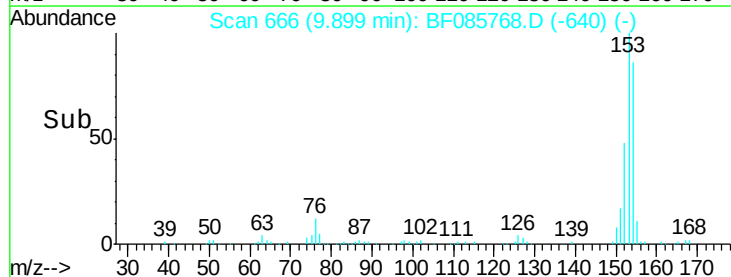
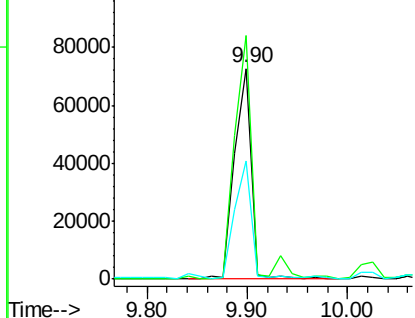


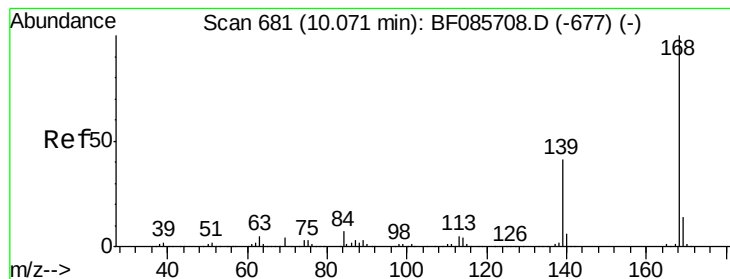
#51
Acenaphthene
Concen: 6.91 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF085768.D
Acq: 25 Mar 2016 18:21

Tgt Ion:154 Resp: 83935
Ion Ratio Lower Upper
154 100
153 115.6 90.1 135.1
152 55.9 44.2 66.2



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

Dibenzenofuran

Concen: 2.92 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

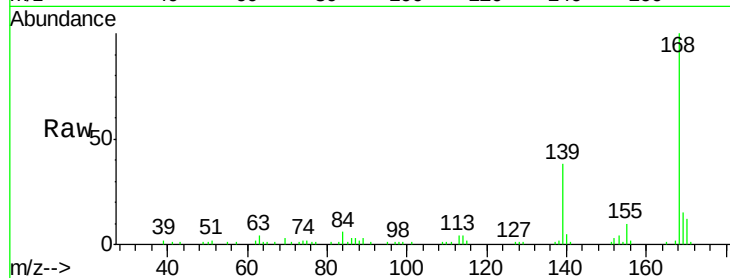
Tgt Ion:168 Resp: 45981

Ion Ratio Lower Upper

168 100

139 37.9 31.9 47.9

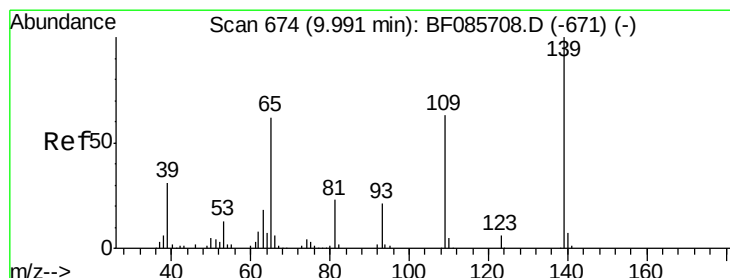
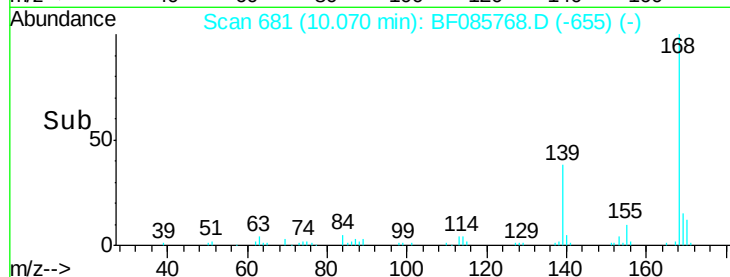
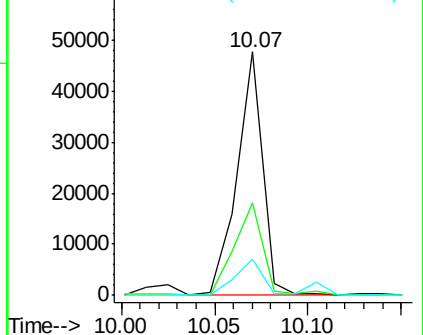
169 14.7 11.0 16.6



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



#55

4-Nitrophenol

Concen: 8.27 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.08 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

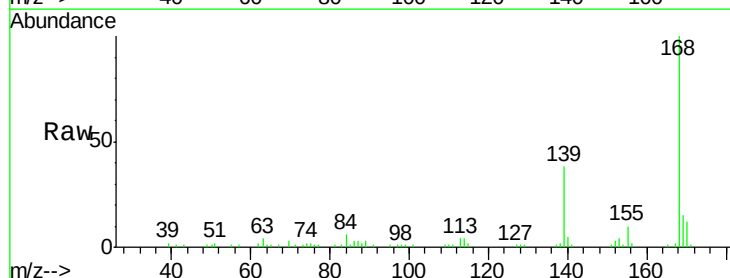
Tgt Ion:139 Resp: 19815

Ion Ratio Lower Upper

139 100

109 2.0 49.2 89.2#

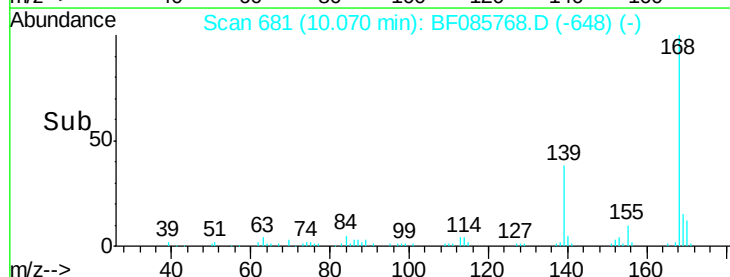
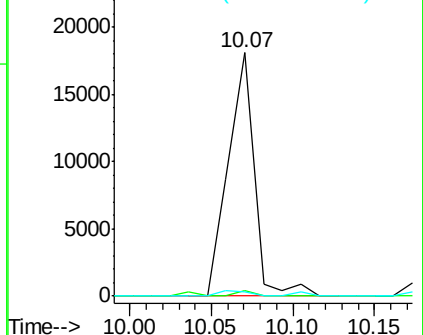
65 1.8 66.9 106.9#

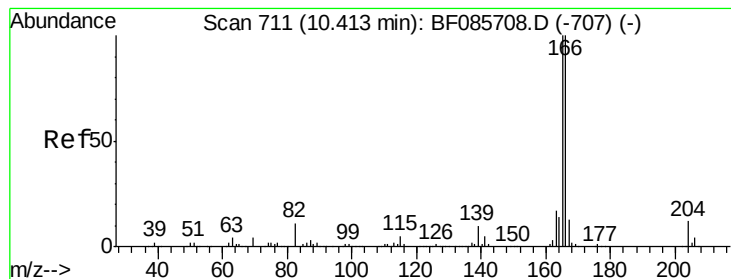


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 7.47 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampled :

SB-2

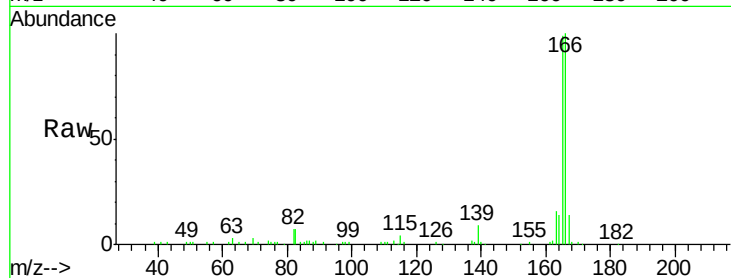
Tgt Ion:166 Resp: 97625

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

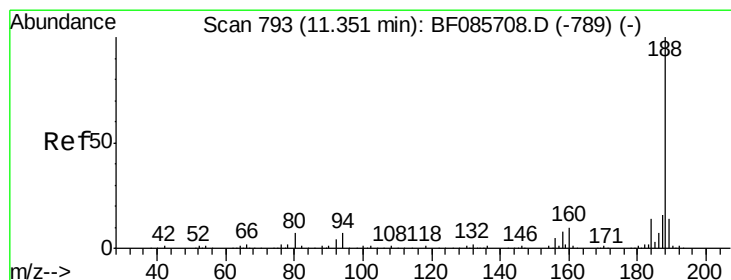
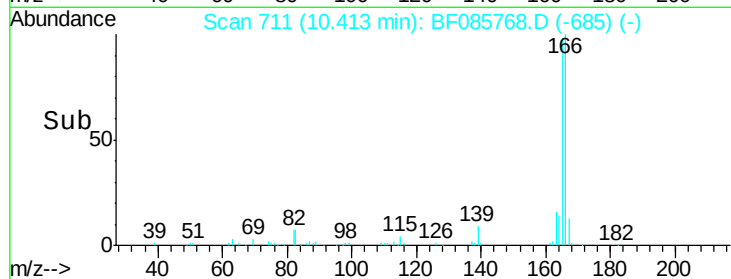
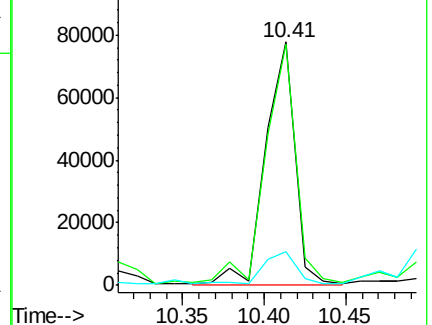
167 13.7 11.0 16.4



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: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

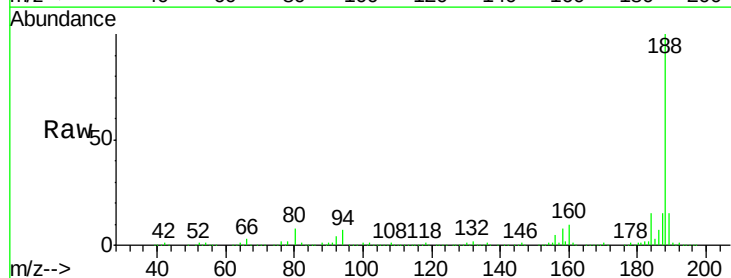
Tgt Ion:188 Resp: 305765

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.0

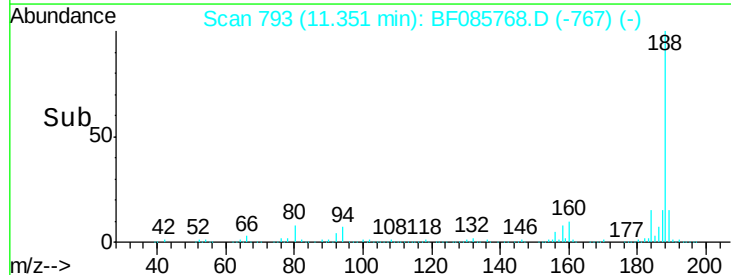
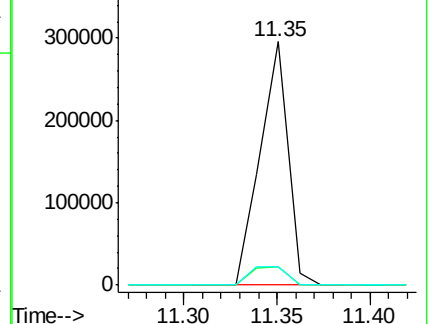
80 7.6 5.5 8.3

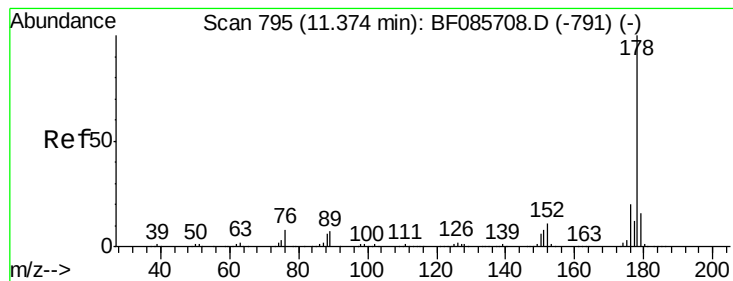


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 78.33 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

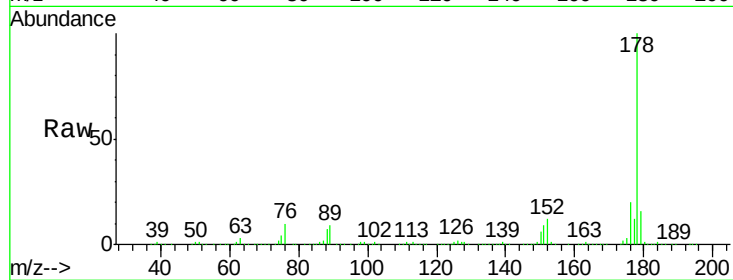
Tgt Ion:178 Resp: 1229738

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

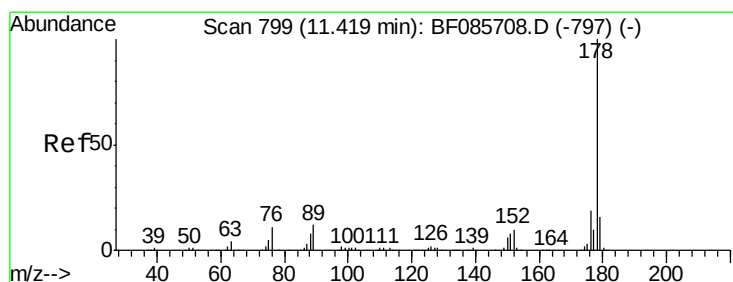
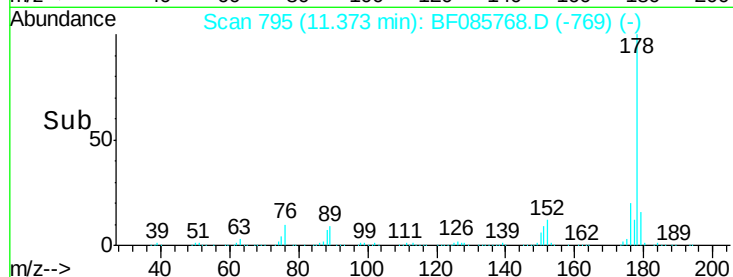
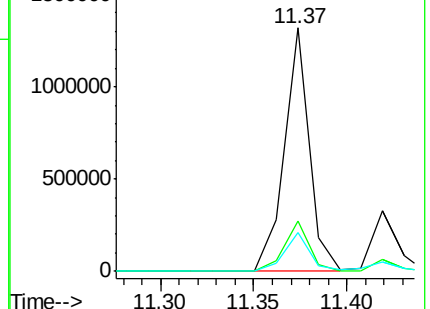
179 16.2 12.6 18.8



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



#71

Anthracene

Concen: 18.39 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

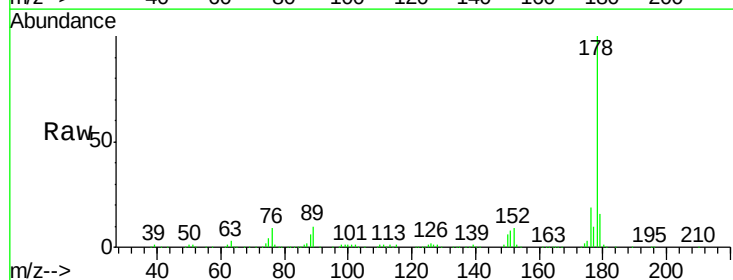
Tgt Ion:178 Resp: 303083

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

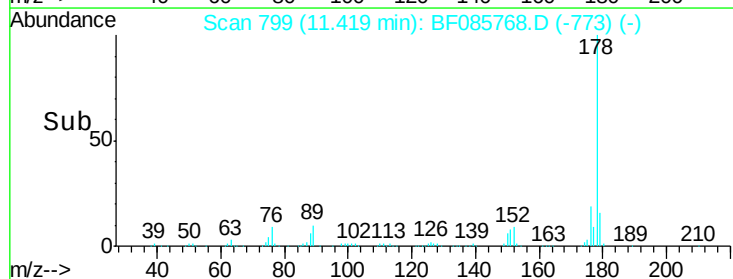
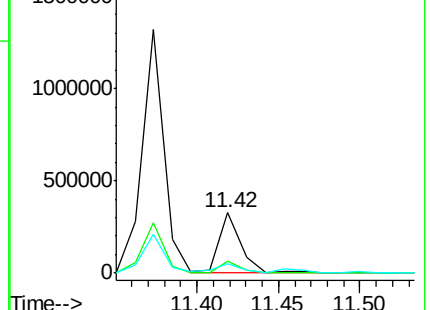
179 15.8 13.0 19.4

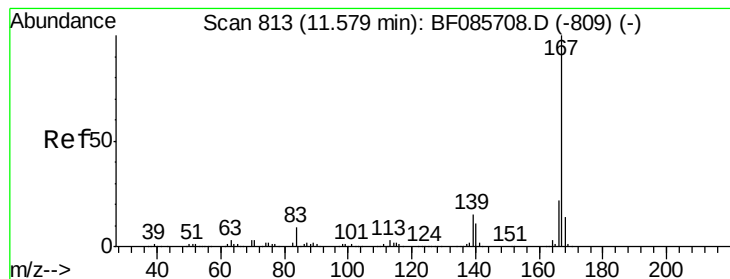


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 11.57 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

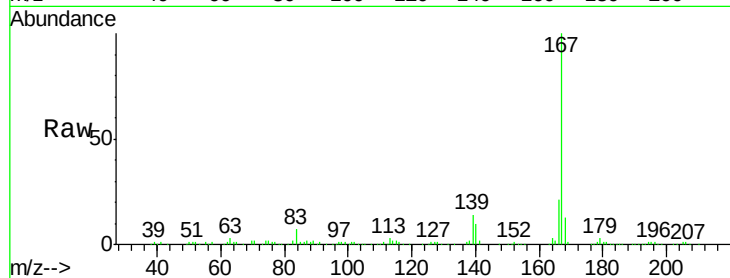
Tgt Ion:167 Resp: 160057

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.8

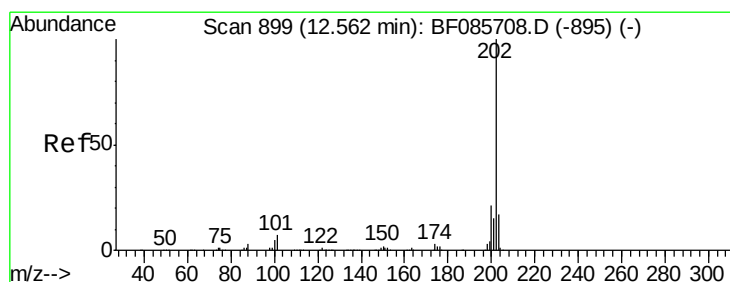
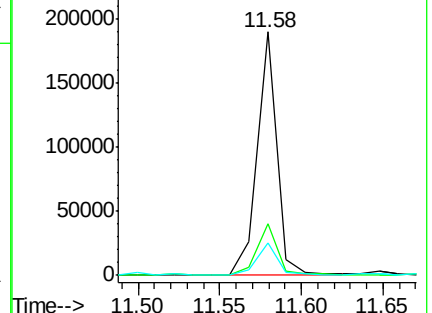
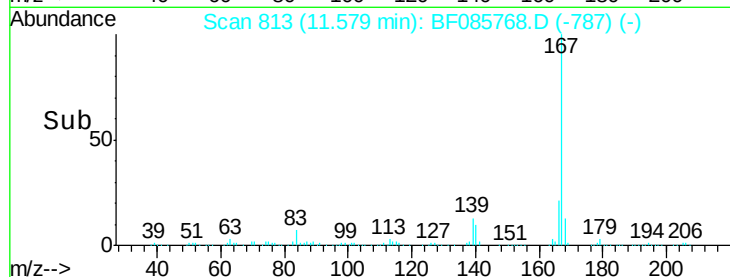
139 13.6 11.6 17.4



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: 123.19 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

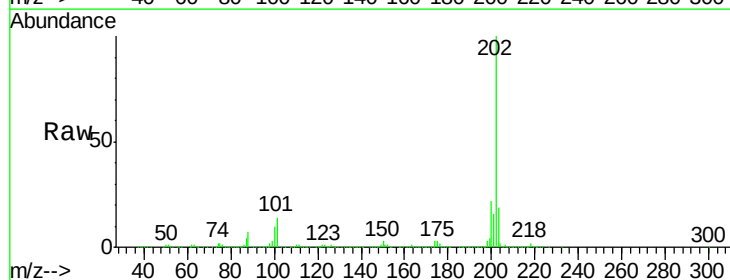
Tgt Ion:202 Resp: 2055789

Ion Ratio Lower Upper

202 100

101 13.7 0.0 36.6

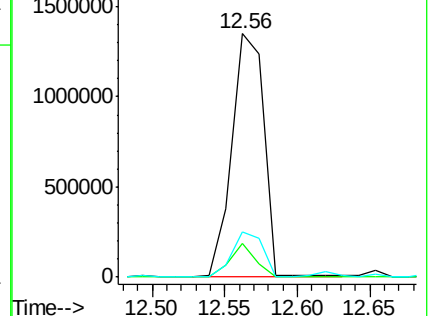
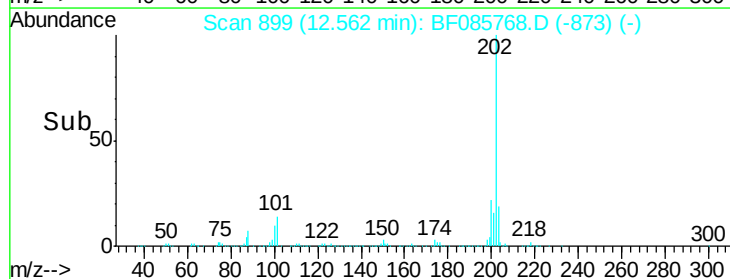
203 18.8 0.0 38.1

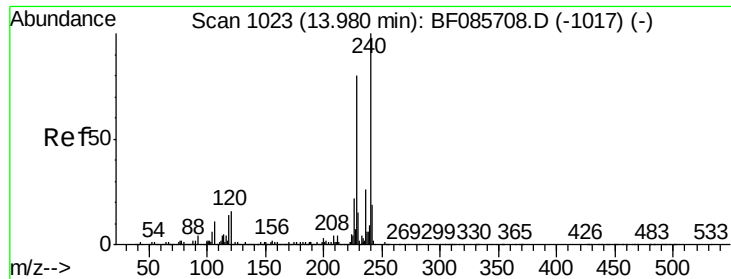


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

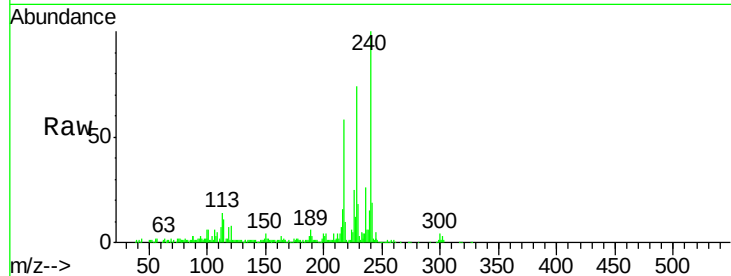
Tgt Ion:240 Resp: 194308

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

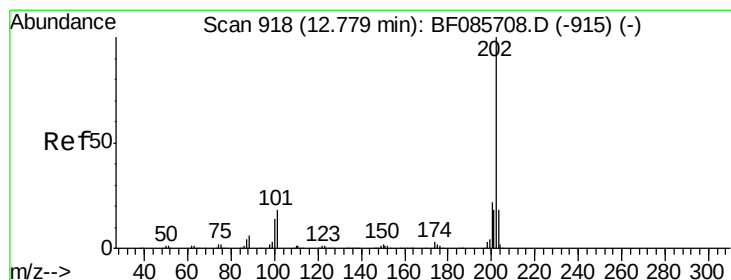
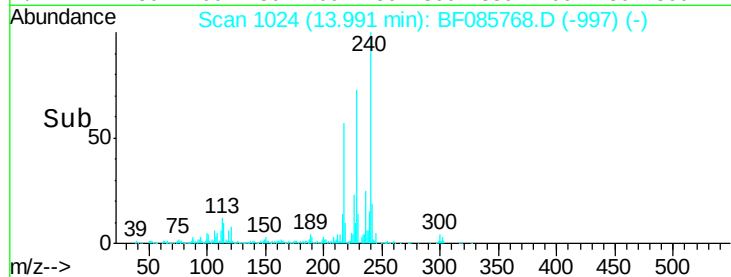
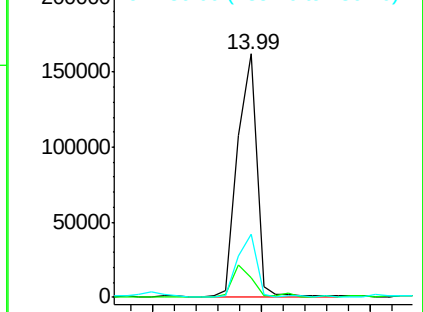
236 26.0 20.6 30.8



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: 107.74 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

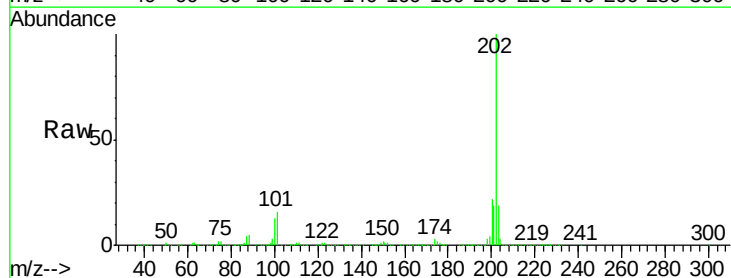
Tgt Ion:202 Resp: 1720808

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

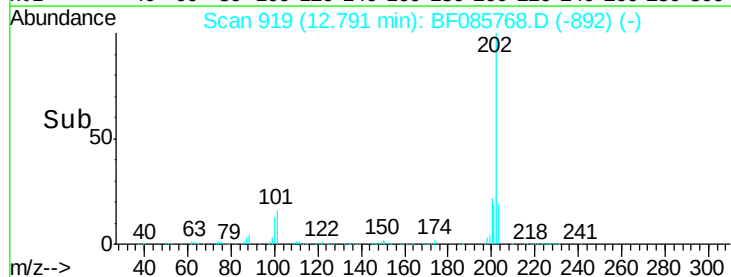
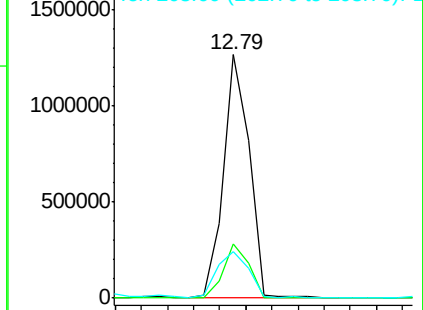
203 19.3 14.0 21.0

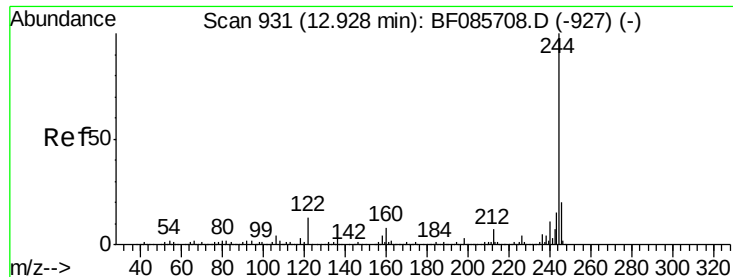


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.61 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

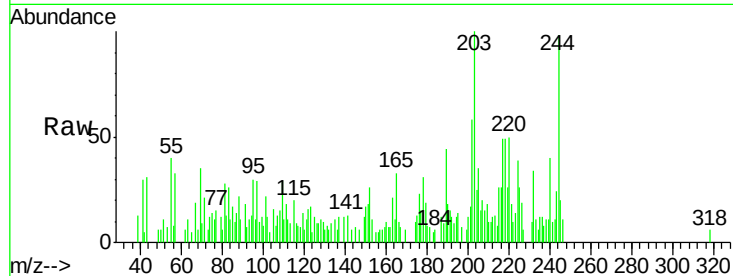
Tgt Ion:244 Resp: 5752

Ion Ratio Lower Upper

244 100

212 12.0 6.1 9.1#

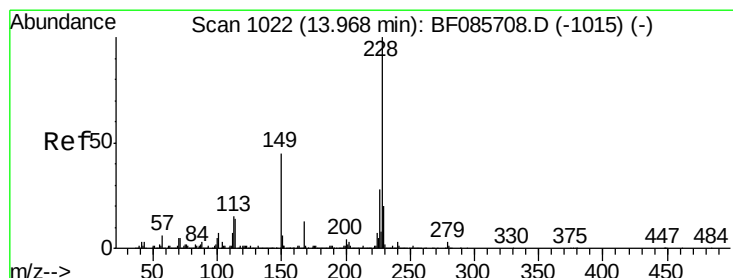
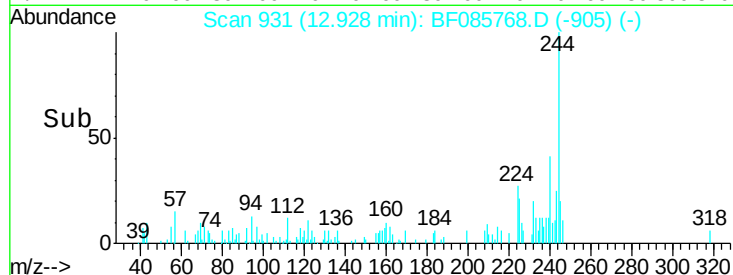
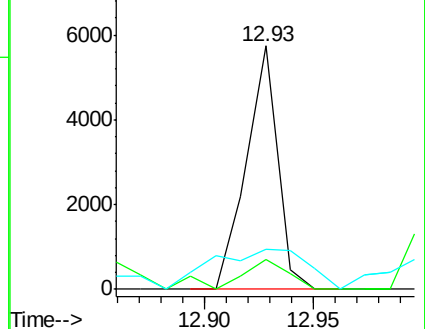
122 16.6 10.2 15.4#



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: 70.66 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

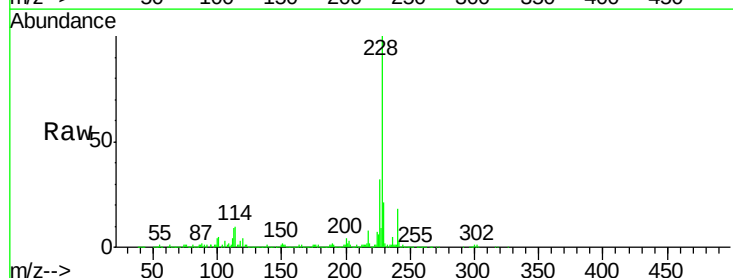
Tgt Ion:228 Resp: 782918

Ion Ratio Lower Upper

228 100

226 31.7 22.1 33.1

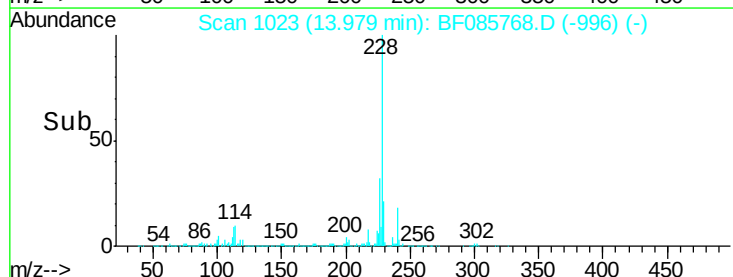
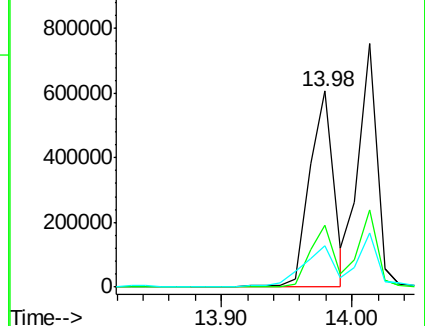
229 21.1 16.2 24.4

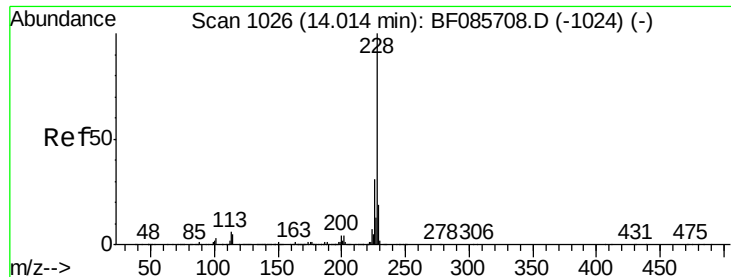


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 66.05 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

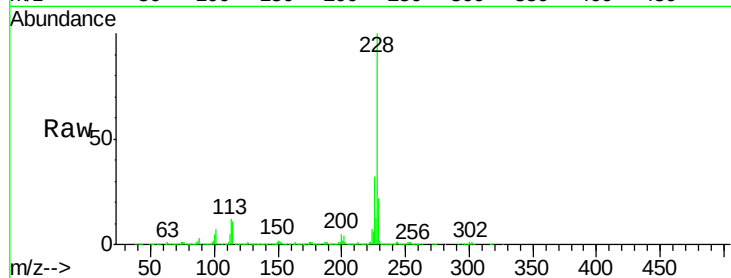
Tgt Ion: 228 Resp: 737144

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

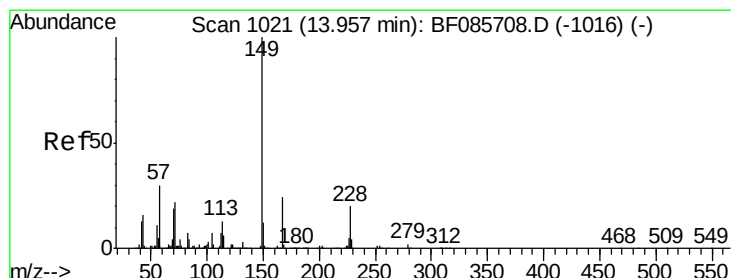
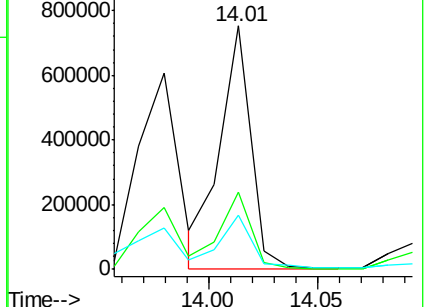
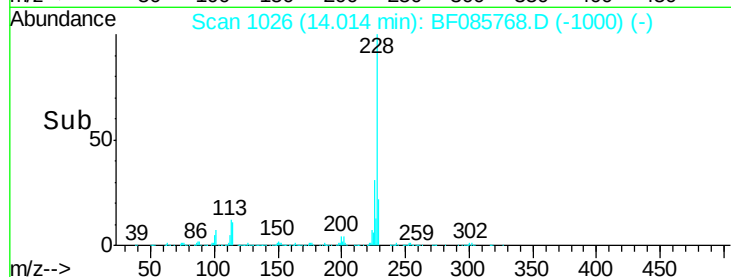
229 22.4 15.7 23.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.53 ng

RT: 13.97 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

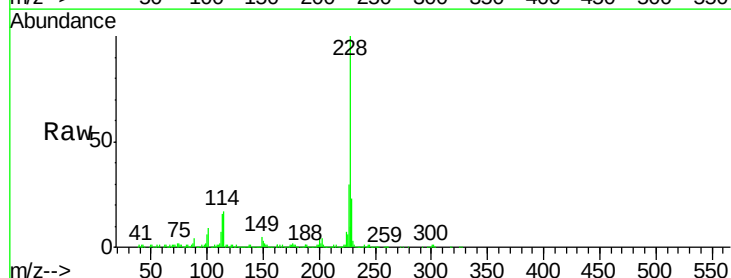
Tgt Ion: 149 Resp: 28240

Ion Ratio Lower Upper

149 100

167 24.2 19.4 29.2

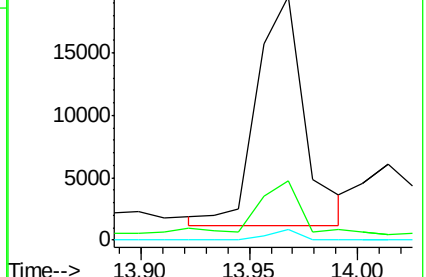
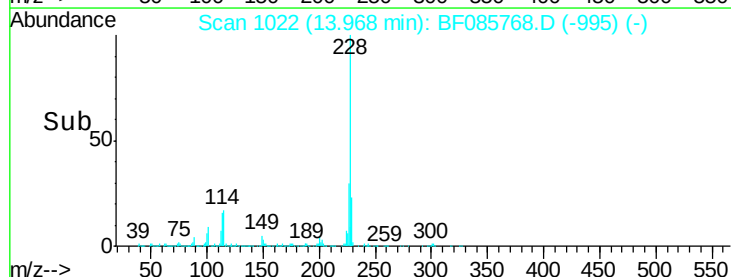
279 4.2 1.5 2.3#

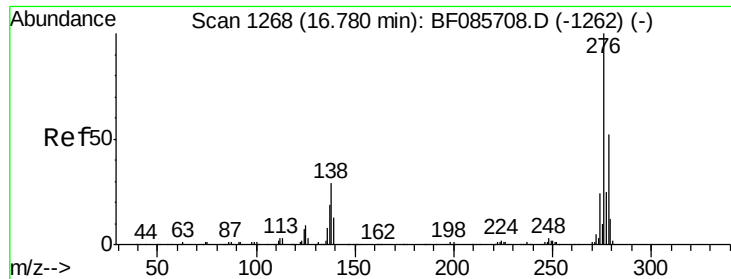


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

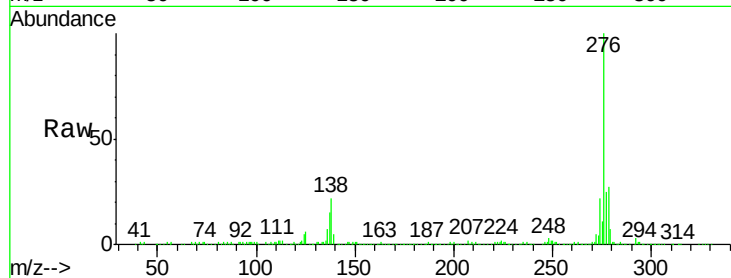




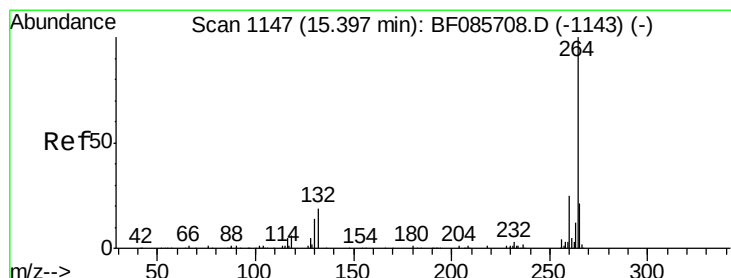
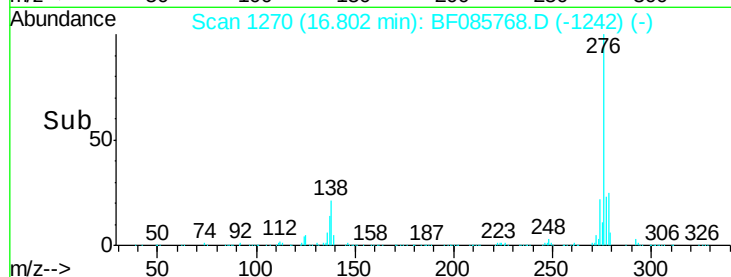
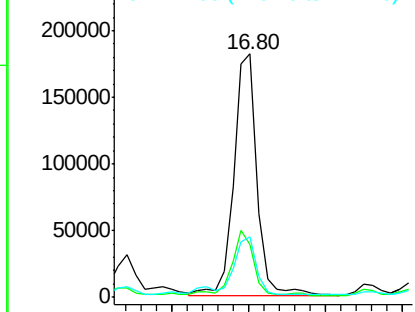
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.26 ng
 RT: 16.80 min Scan# 1270
 Delta R.T. 0.02 min
 Lab File: BF085768.D
 Acq: 25 Mar 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	24.2	36.4
277	25.9	20.0	30.0

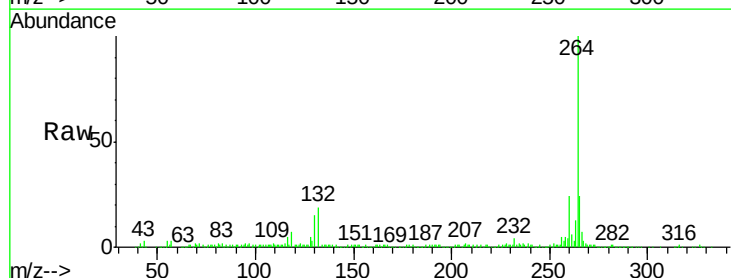


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

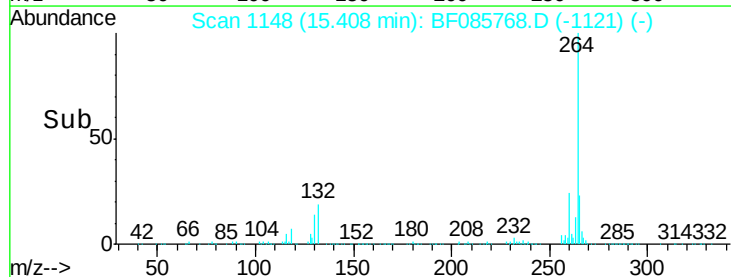
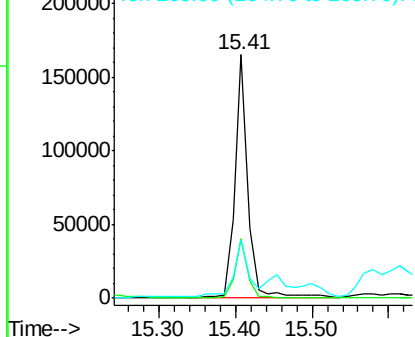


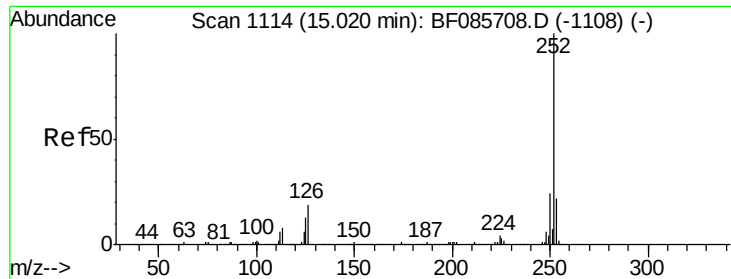
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF085768.D
 Acq: 25 Mar 2016 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	23.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

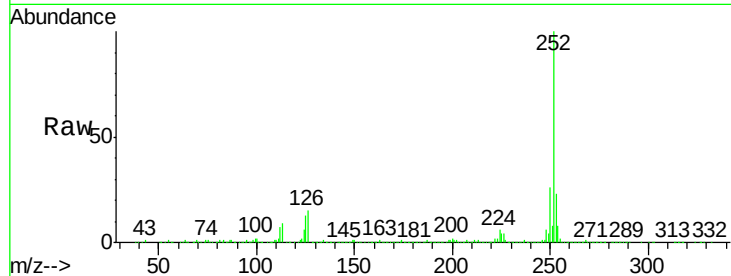




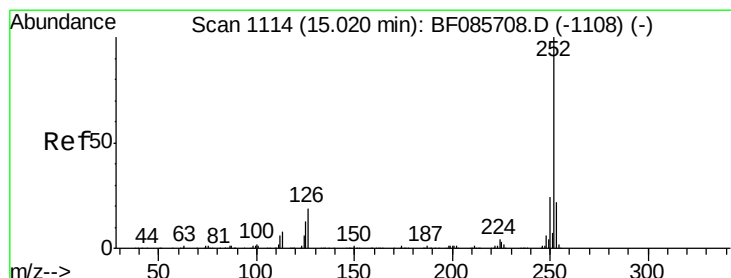
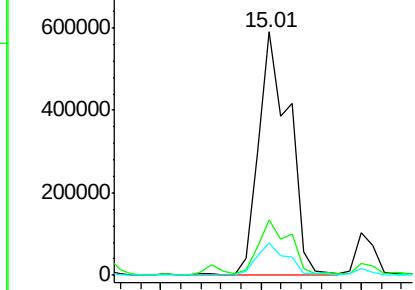
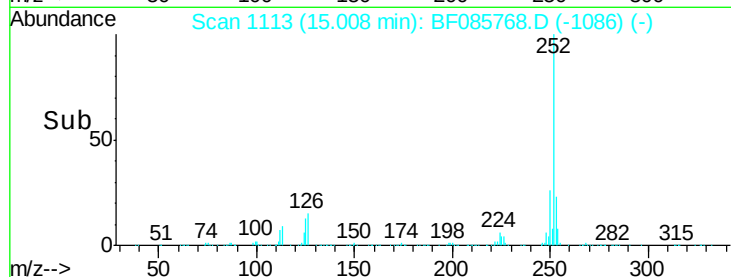
#87
Benzo(b)fluoranthene
Concen: 98.60 ng
RT: 15.01 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BF085768.D
Acq: 25 Mar 2016 18:21

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:252 Resp: 1231617
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 13.1 10.3 15.5

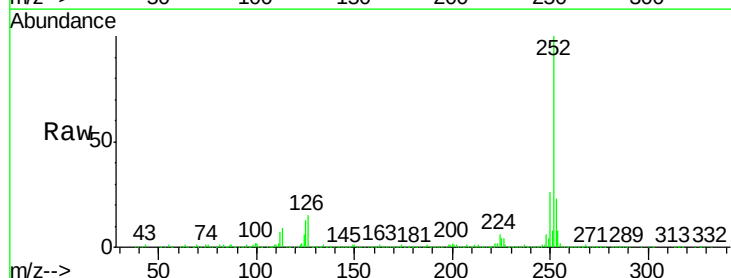


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

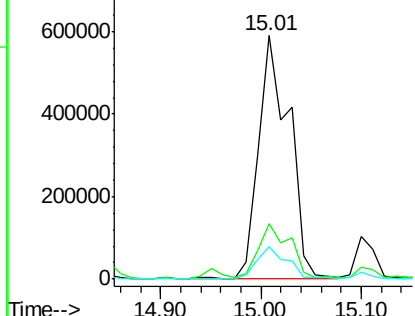
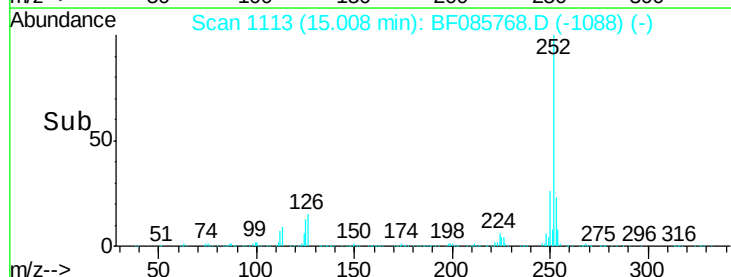


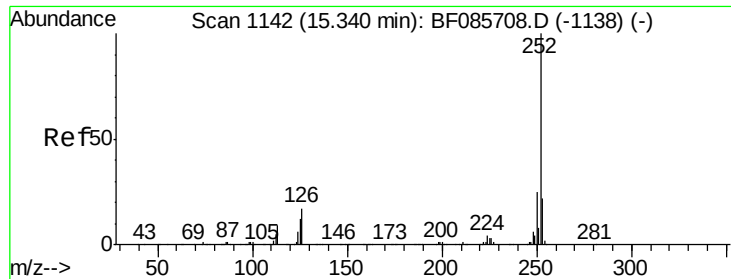
#88
Benzo(k)fluoranthene
Concen: 109.38 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF085768.D
Acq: 25 Mar 2016 18:21

Tgt Ion:252 Resp: 1231617
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 13.1 7.7 11.5#



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: 56.64 ng

RT: 15.35 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

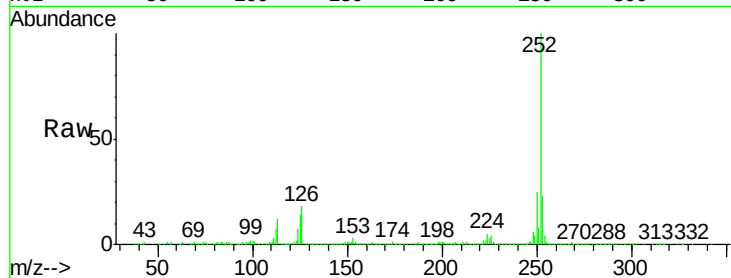
Tgt Ion:252 Resp: 628153

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

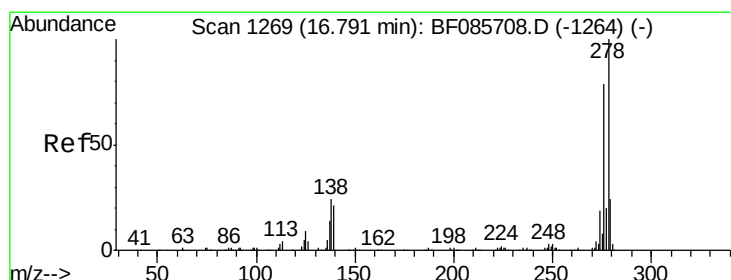
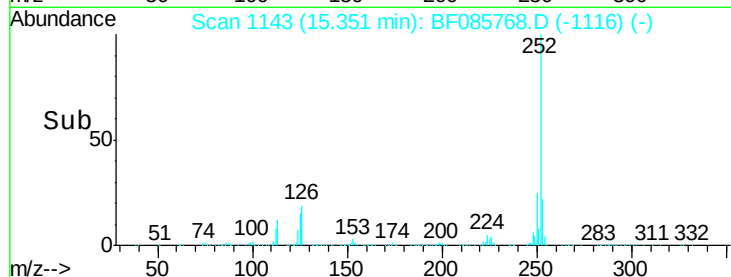
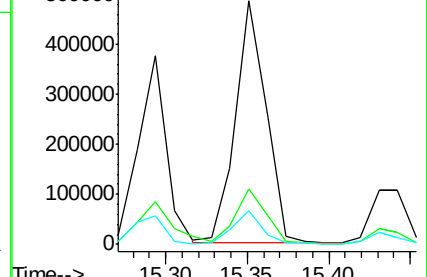
125 13.8 10.3 15.5



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: 9.74 ng

RT: 16.80 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

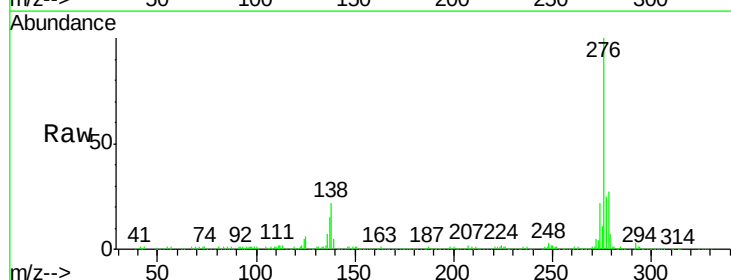
Tgt Ion:278 Resp: 100353

Ion Ratio Lower Upper

278 100

139 19.9 14.4 21.6

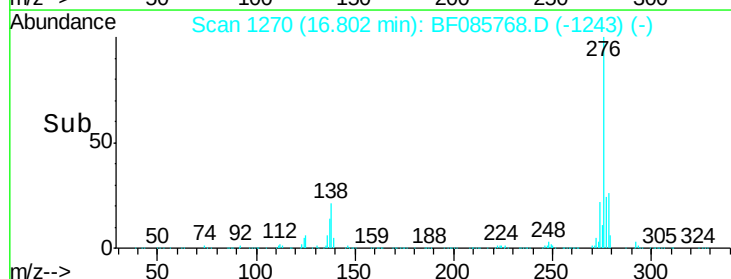
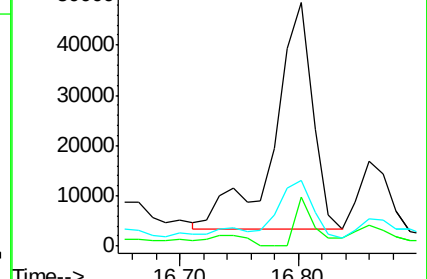
279 26.8 19.1 28.7

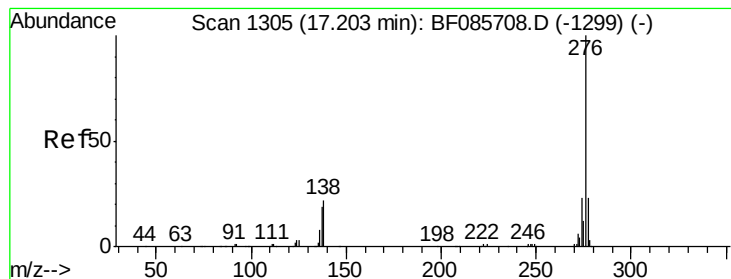


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.61 ng

RT: 17.21 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF085768.D

Acq: 25 Mar 2016 18:21

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion:276 Resp: 340248

Ion Ratio Lower Upper

276 100

277 25.0 18.8 28.2

138 27.0 22.6 34.0

