

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084839.D
 Acq On : 4 Feb 2016 20:12
 Operator : SJ/IZ
 Sample : H1320-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(5-7)

Quant Time: Feb 05 01:39:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

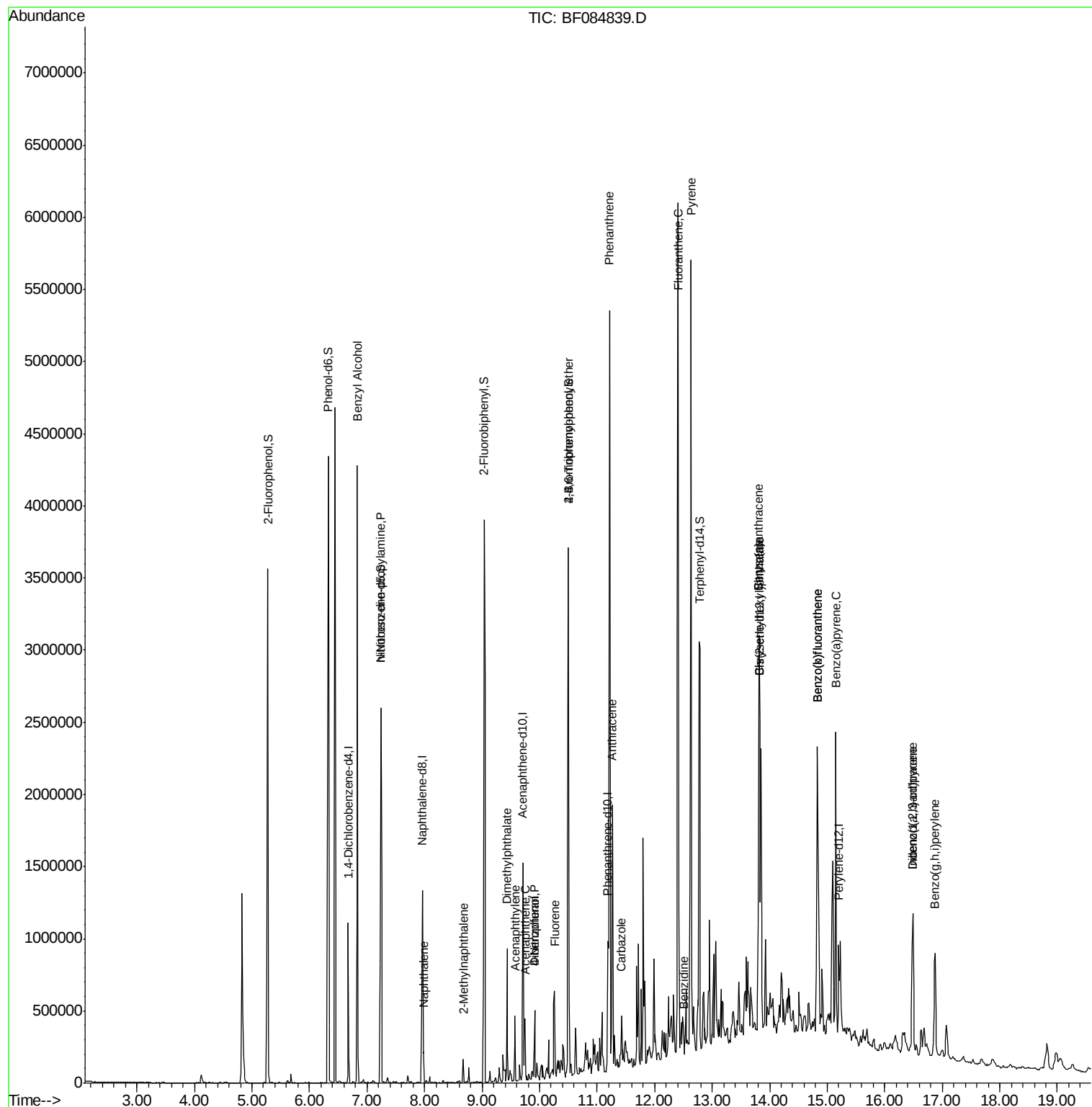
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	148365	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	630389	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	282559	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	472683	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	308906	20.00	ng	-0.01
86) Perylene-d12	15.20	264	301213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1544131	162.11	ng	0.00
7) Phenol-d6	6.33	99	1670324	141.45	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1110717	99.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	391143	132.71	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1726239	118.39	ng	-0.02
78) Terphenyl-d14	12.79	244	1287365	94.44	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.83	79	19680	2.41	ng	# 49
19) n-Nitroso-di-n-propylamine	7.24	70	149182	20.15	ng	# 72
31) Naphthalene	7.98	128	131711	4.17	ng	95
37) 2-Methylnaphthalene	8.67	142	42134	2.13	ng	98
48) Acenaphthylene	9.57	152	222400	7.89	ng	97
49) Dimethylphthalate	9.44	163	339043	15.75	ng	# 90
51) Acenaphthene	9.74	154	122573	6.68	ng	99
54) Dibenzofuran	9.92	168	176401	7.87	ng	96
55) 4-Nitrophenol	9.92	139	65342	16.83	ng	# 12
57) Fluorene	10.26	166	233863	12.49	ng	100
66) 4-Bromophenyl-phenylether	10.50	248	25964	4.97	ng	# 1
70) Phenanthrene	11.22	178	2018340	76.99	ng	96
71) Anthracene	11.26	178	675441	25.57	ng	99
72) Carbazole	11.42	167	129979	5.64	ng	98
74) Fluoranthene	12.41	202	2819398	106.25	ng	96
76) Benzidine	12.51	184	2748	7.06	ng	# 1
77) Pyrene	12.64	202	2630890	111.24	ng	97
80) Benzo(a)anthracene	13.81	228	1305585	68.10	ng	94
82) Chrysene	13.81	228	1305585	70.22	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	46279	3.47	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.49	276	648392	44.31	ng	95
87) Benzo(b)fluoranthene	14.83	252	1640057	81.04	ng	# 95
88) Benzo(k)fluoranthene	14.83	252	1640057	98.01	ng	98
89) Benzo(a)pyrene	15.15	252	997271	57.83	ng	97
90) Dibenzo(a,h)anthracene	16.49	278	182146	12.55	ng	# 77
91) Benzo(g,h,i)perylene	16.88	276	608570	41.62	ng	95

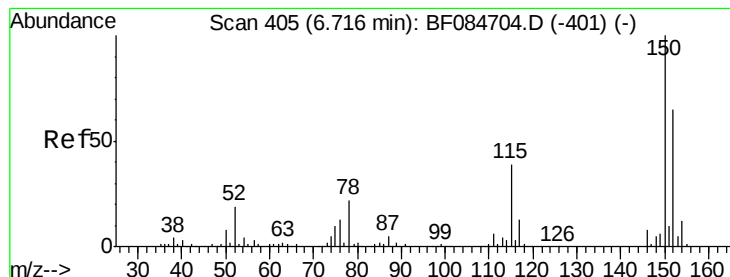
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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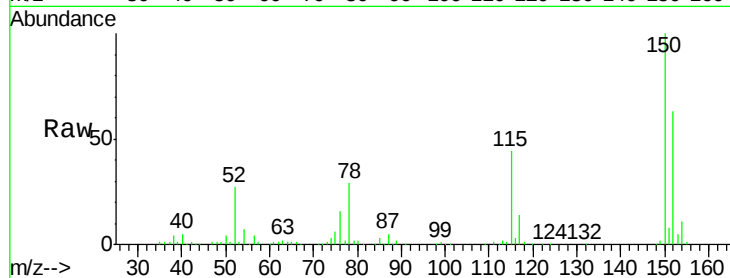




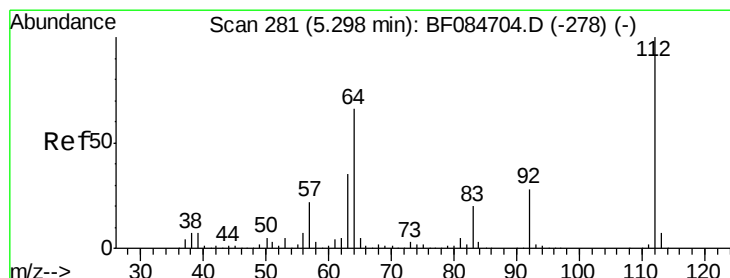
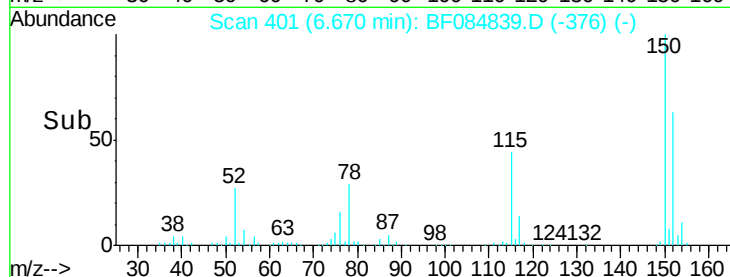
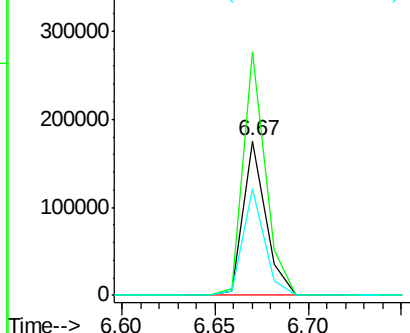
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(5-7)

Tgt Ion:152 Resp: 148365
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.0 184.4
 115 69.1 51.4 77.2

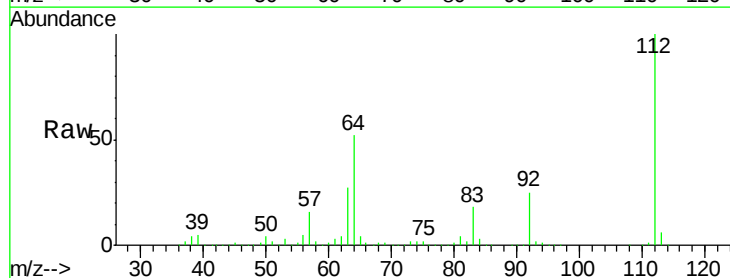


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

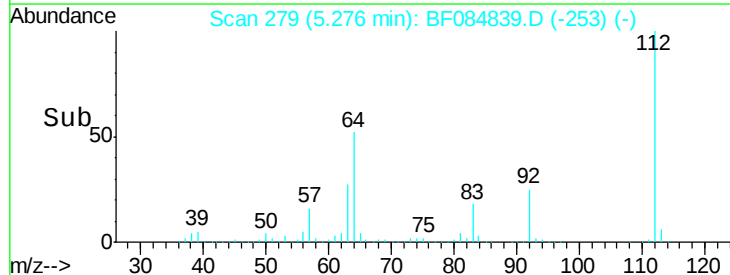
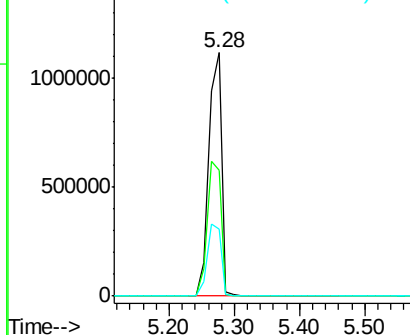


#5
 2-Fluorophenol
 Concen: 162.11 ng
 RT: 5.28 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

Tgt Ion:112 Resp: 1544131
 Ion Ratio Lower Upper
 112 100
 64 51.6 36.6 55.0
 63 27.5 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.45 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

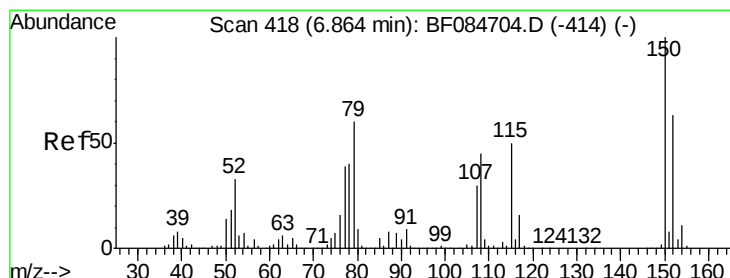
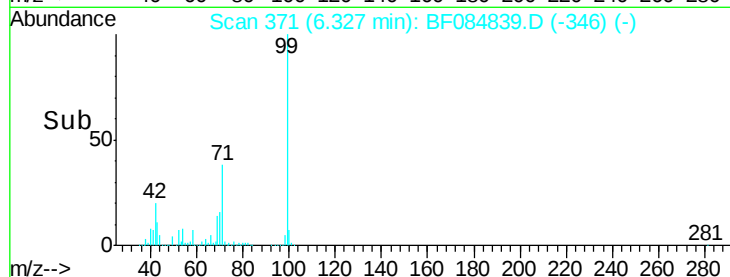
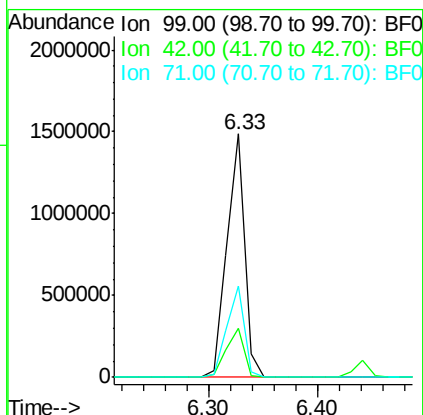
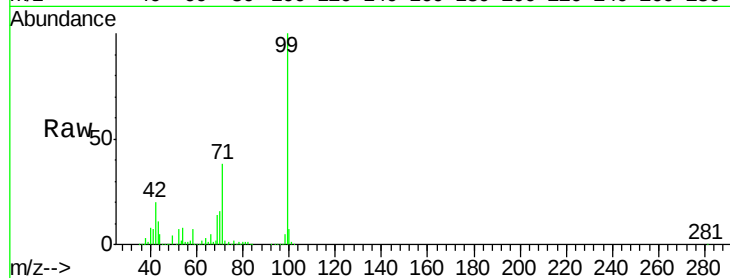
BNA_F

ClientSampleId :

S4-B012(5-7)

Tgt Ion: 99 Resp: 1670324

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	37.6	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 6.83 min Scan# 415

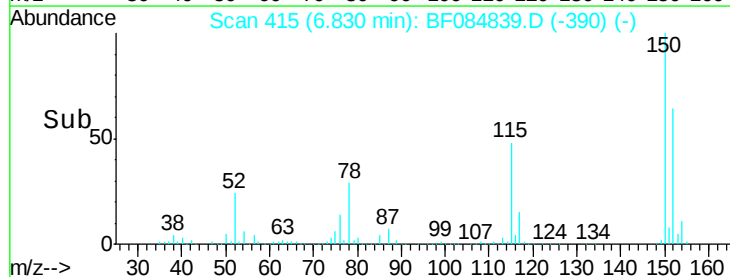
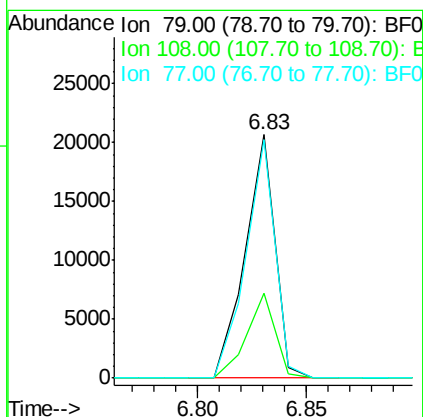
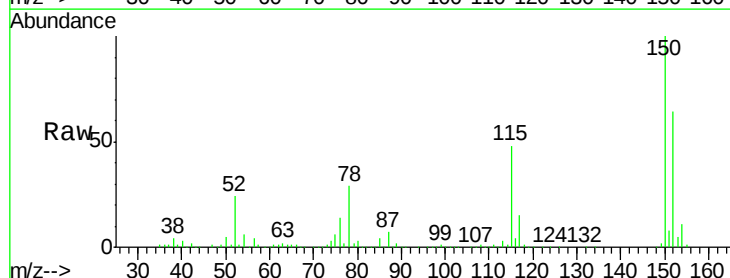
Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Tgt Ion: 79 Resp: 19680

Ion	Ratio	Lower	Upper
79	100		
108	35.1	69.0	103.4#
77	97.9	50.0	75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 20.15 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.13 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)

Tgt Ion: 70 Resp: 149182

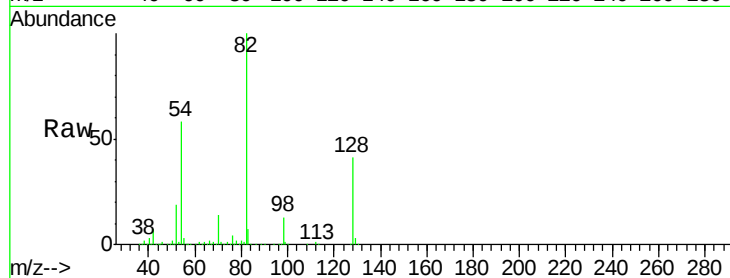
Ion Ratio Lower Upper

70 100

42 49.5 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

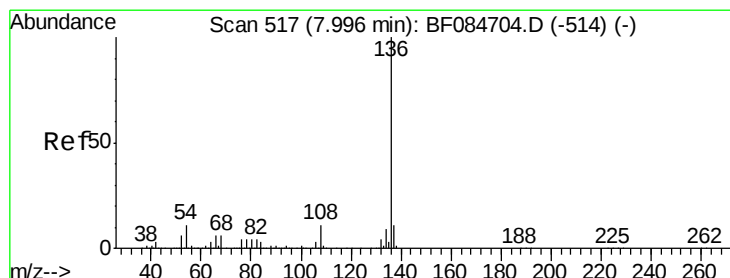
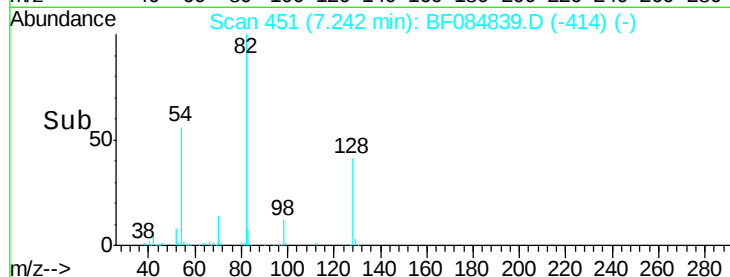
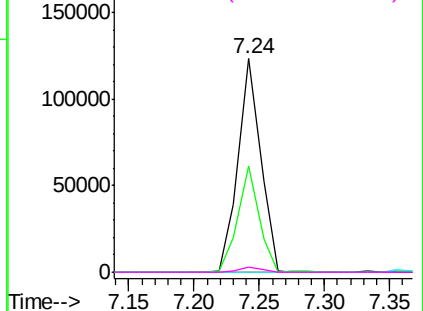


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Tgt Ion: 136 Resp: 630389

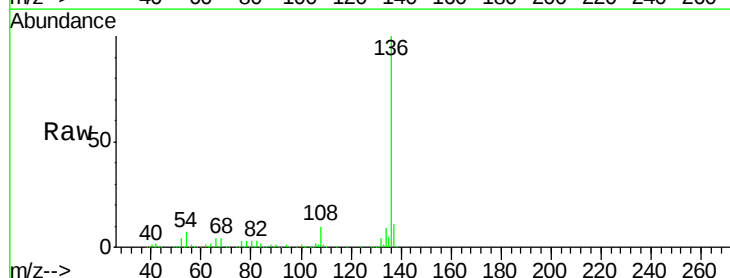
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.9 5.8 8.8

68 4.0 4.2 6.2#

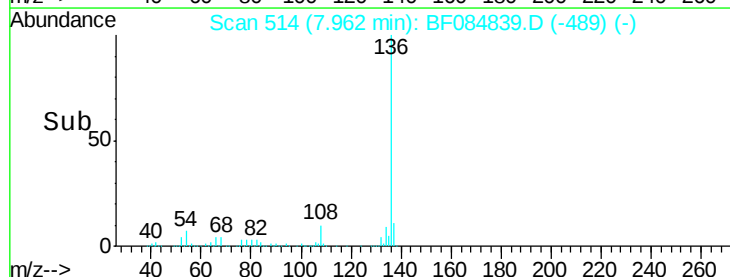
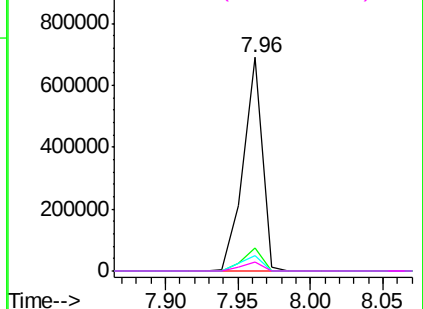


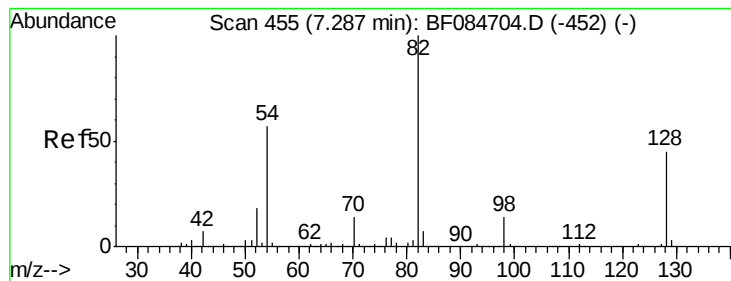
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.26 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

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ClientSampleId :

S4-B012(5-7)

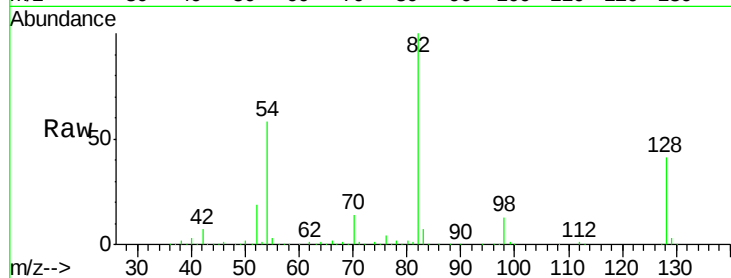
Tgt Ion: 82 Resp: 1110717

Ion Ratio Lower Upper

82 100

128 41.2 34.6 51.8

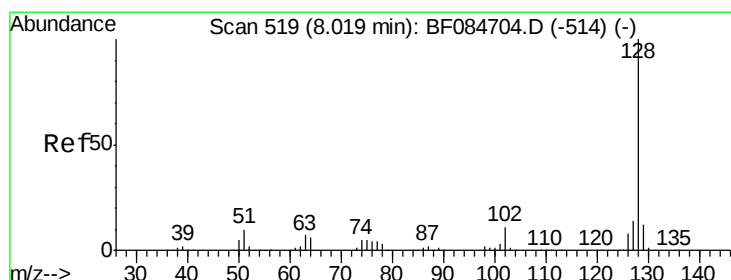
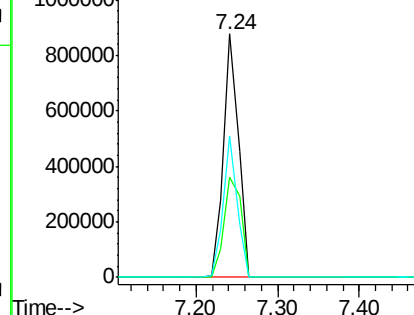
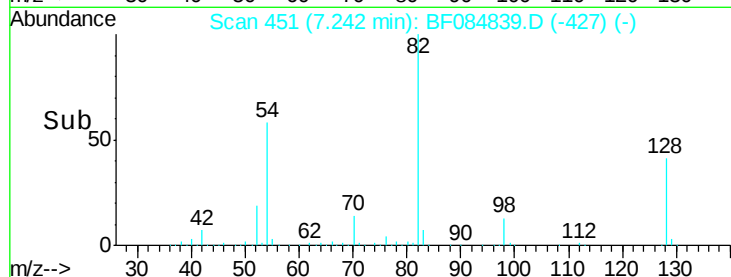
54 58.1 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 4.17 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

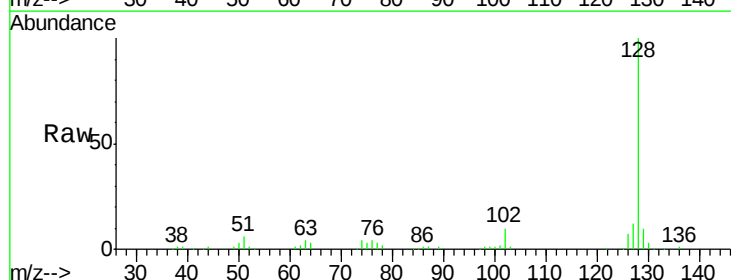
Tgt Ion: 128 Resp: 131711

Ion Ratio Lower Upper

128 100

129 9.6 9.1 13.7

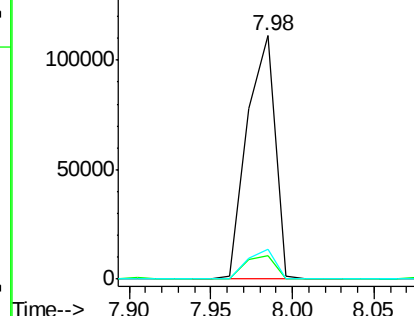
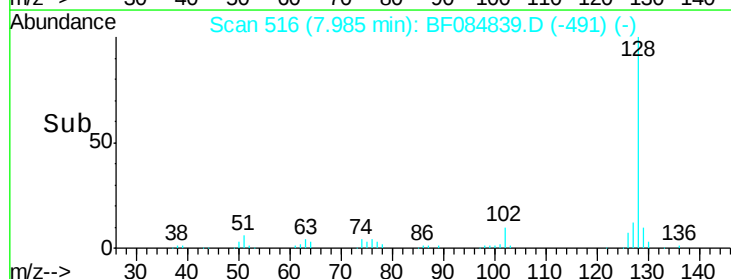
127 12.1 11.1 16.7

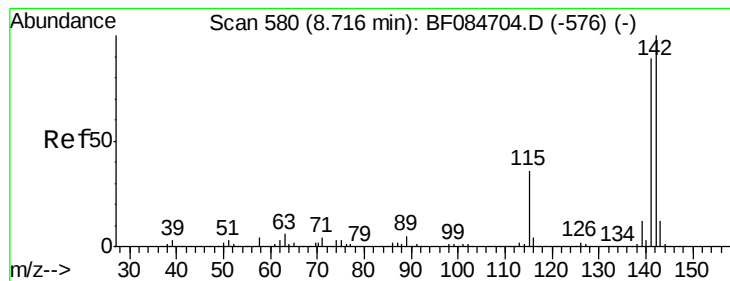


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

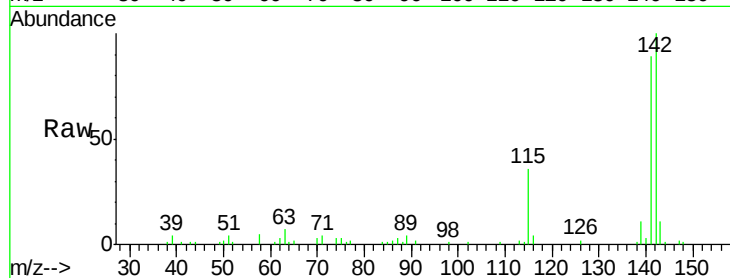




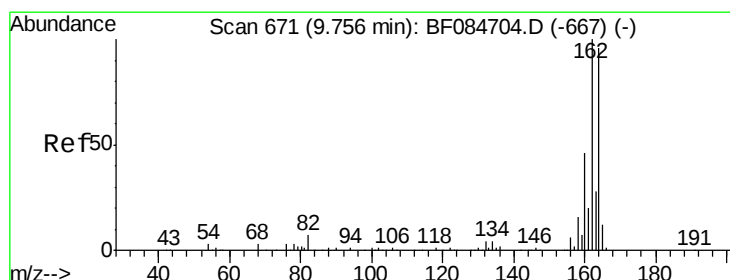
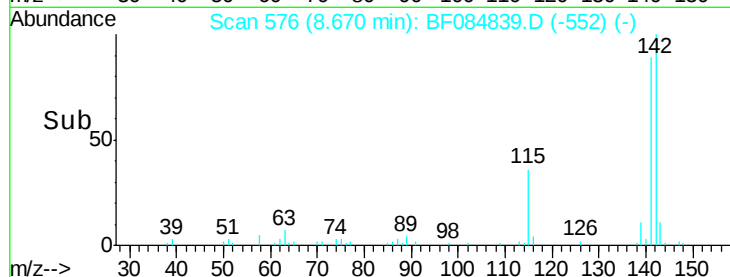
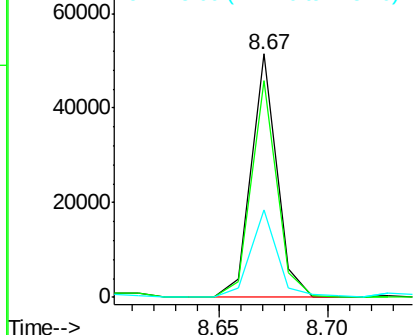
#37
 2-Methylnaphthalene
 Concen: 2.13 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

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Tgt Ion:142 Resp: 42134
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.4 108.6
 115 35.8 27.9 41.9

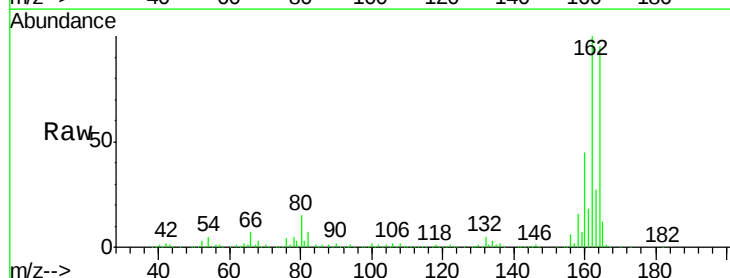


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

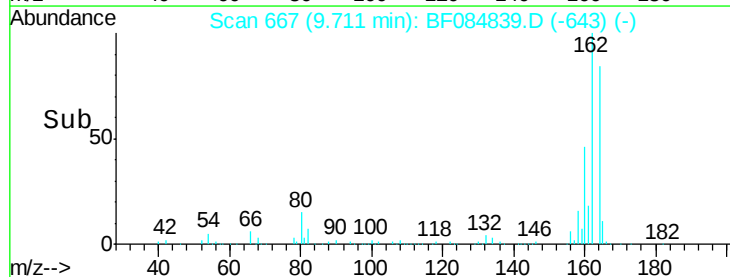
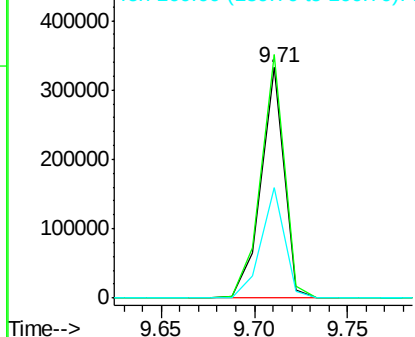


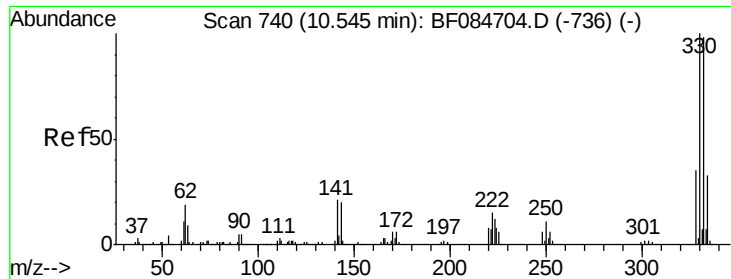
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

Tgt Ion:164 Resp: 282559
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.1 127.7
 160 47.9 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

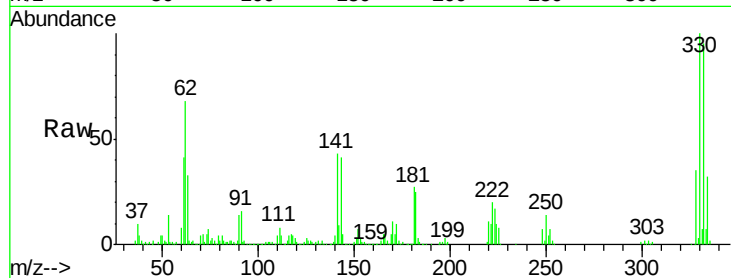




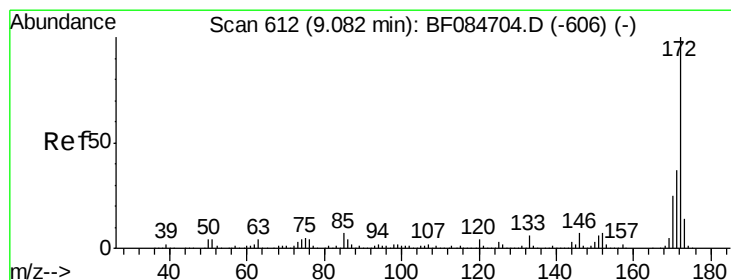
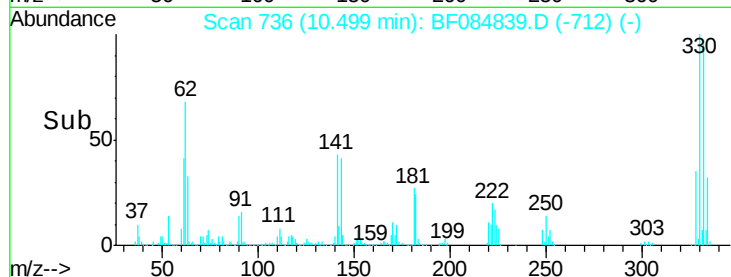
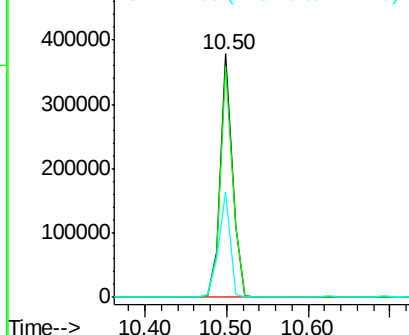
#41
 2,4,6-Tribromophenol
 Concen: 132.71 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

Instrument :
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 S4-B012(5-7)

Tgt Ion:330 Resp: 391143
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 41.4 27.8 41.6

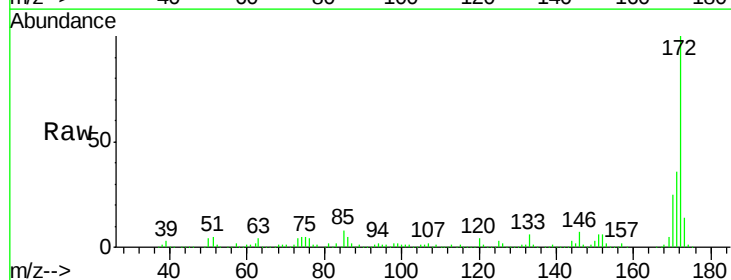


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

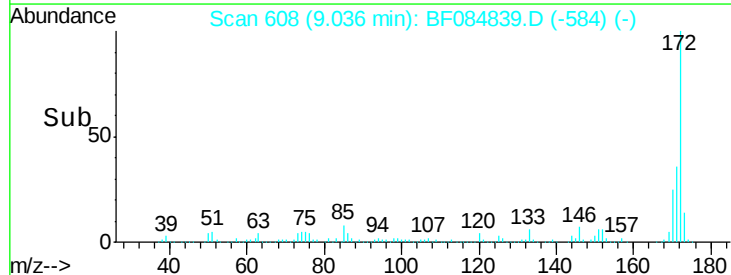
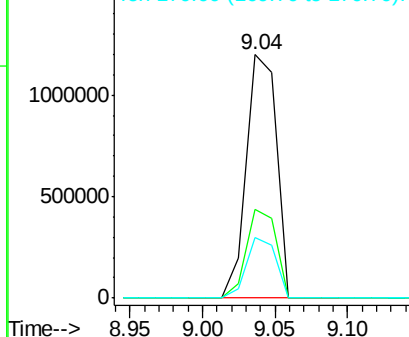


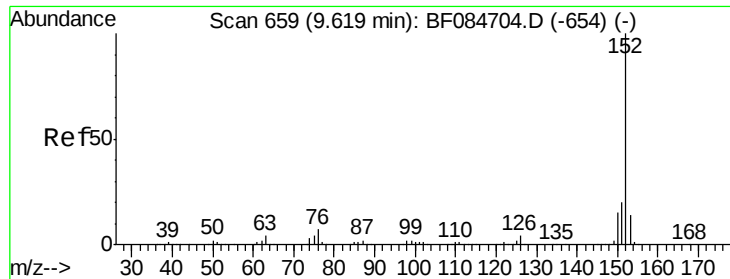
#44
 2-Fluorobiphenyl
 Concen: 118.39 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

Tgt Ion:172 Resp: 1726239
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.8 18.6 27.8



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





#48

Acenaphthylene

Concen: 7.89 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

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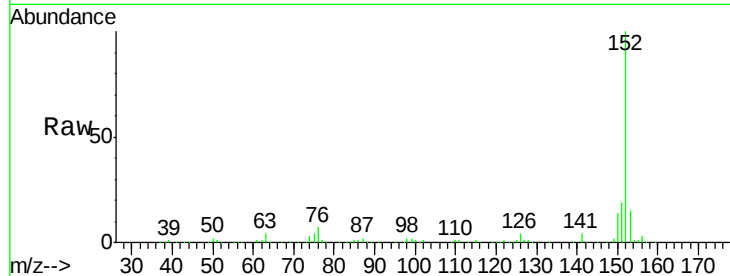
Tgt Ion:152 Resp: 222400

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

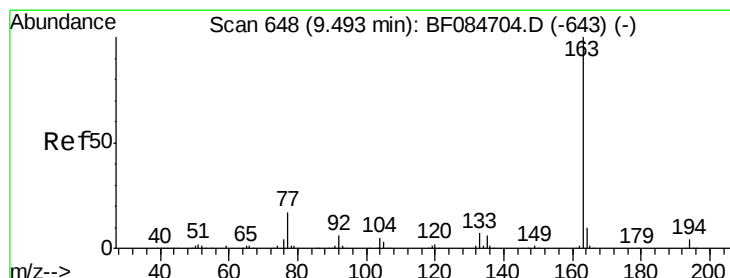
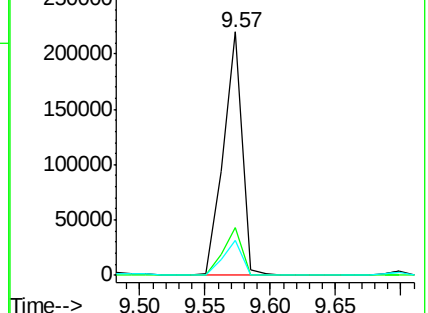
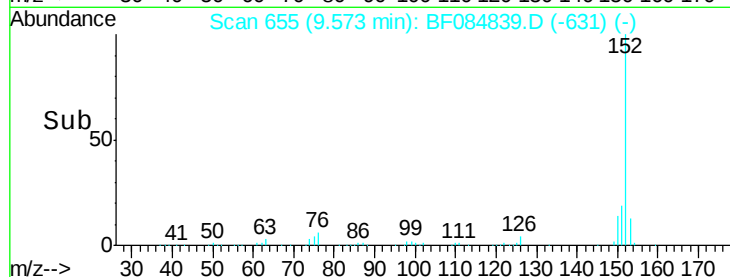
153 14.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 15.75 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

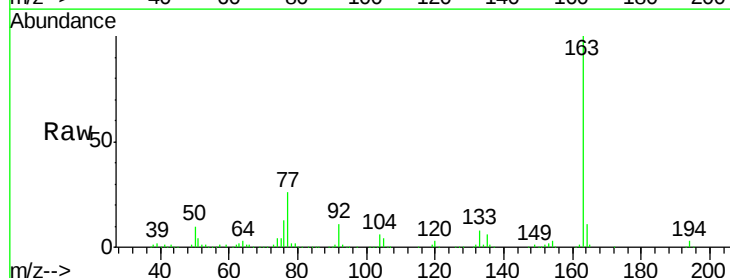
Tgt Ion:163 Resp: 339043

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

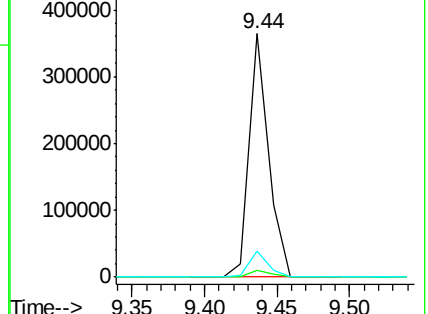
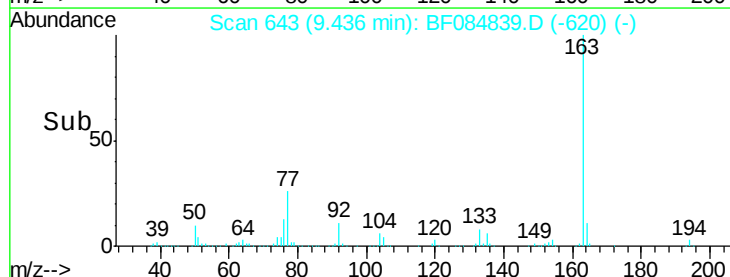
164 10.6 8.0 12.0

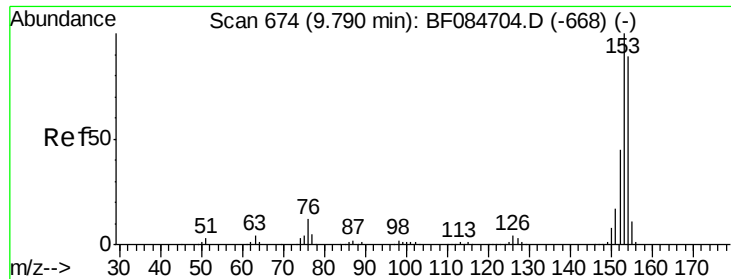


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 6.68 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)

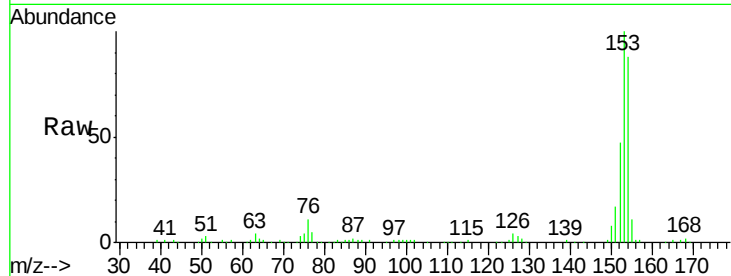
Tgt Ion:154 Resp: 122573

Ion Ratio Lower Upper

154 100

153 113.5 91.5 137.3

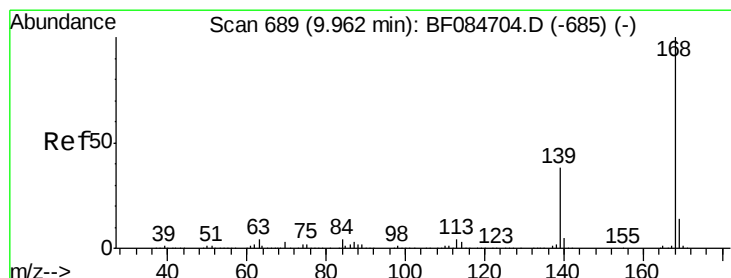
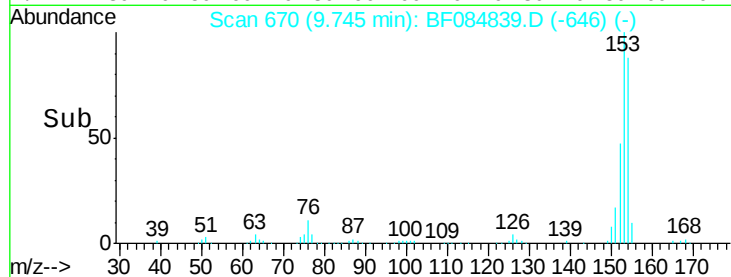
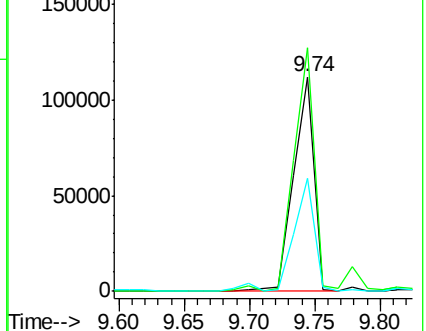
152 52.8 43.0 64.6



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



#54

Dibenzofuran

Concen: 7.87 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

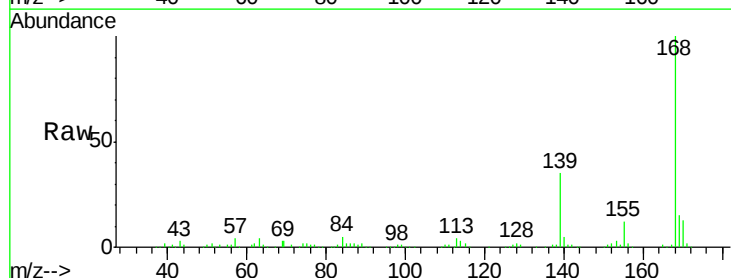
Tgt Ion:168 Resp: 176401

Ion Ratio Lower Upper

168 100

139 35.3 30.5 45.7

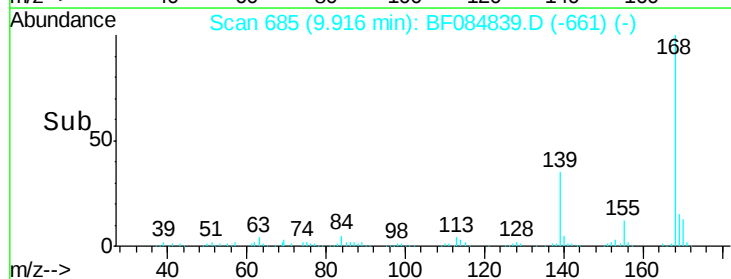
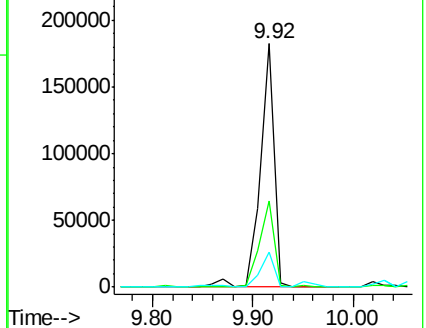
169 14.6 10.4 15.6

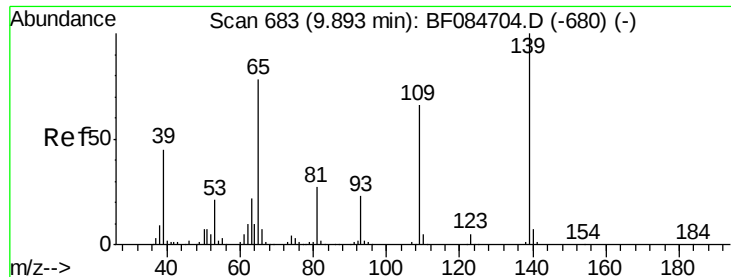


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 16.83 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.05 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)

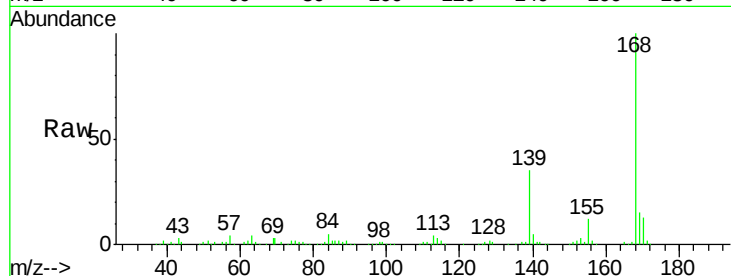
Tgt Ion:139 Resp: 65342

Ion Ratio Lower Upper

139 100

109 1.4 58.5 98.5#

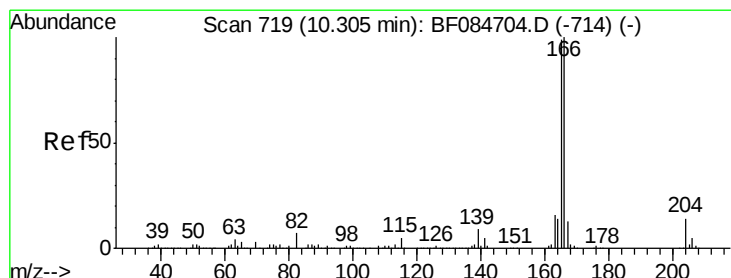
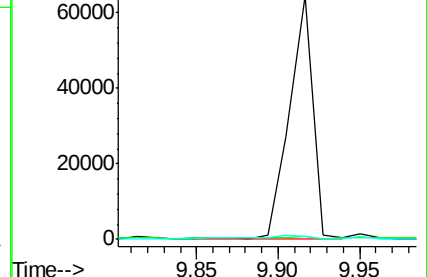
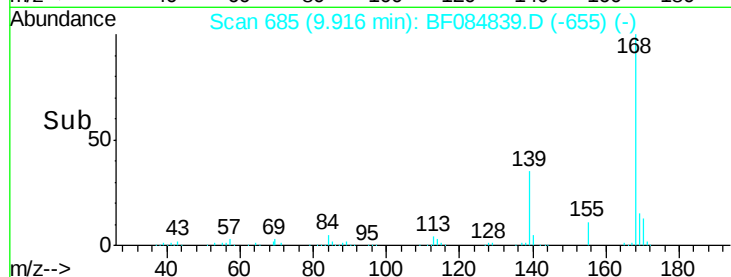
65 1.4 57.6 97.6#



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: 12.49 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

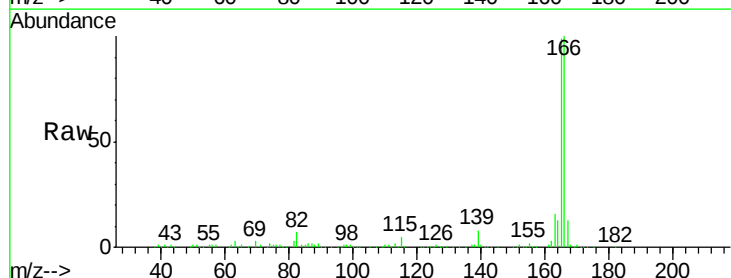
Tgt Ion:166 Resp: 233863

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

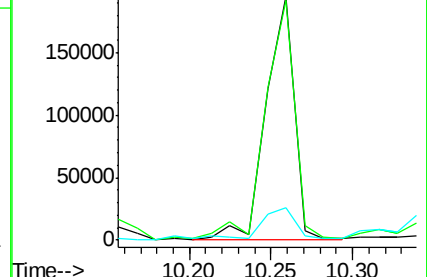
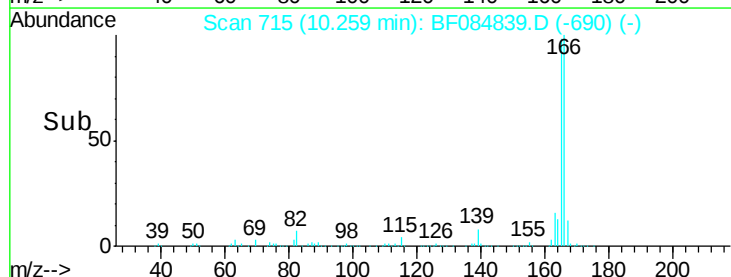
167 13.1 10.4 15.6

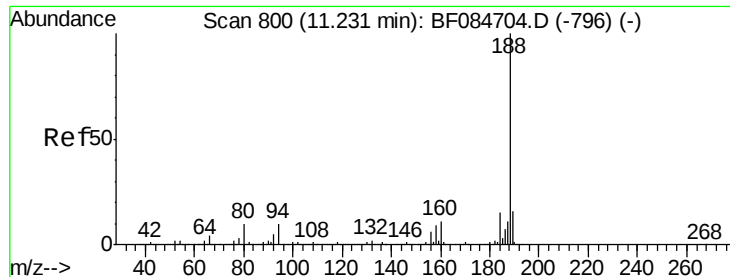


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

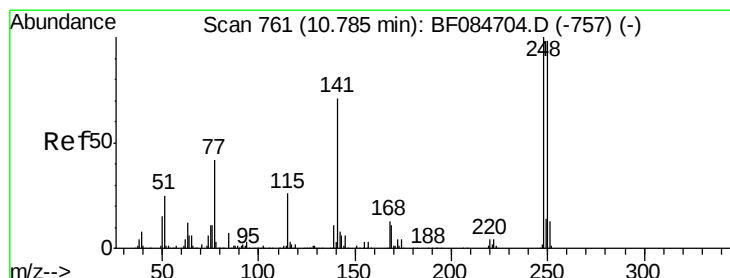
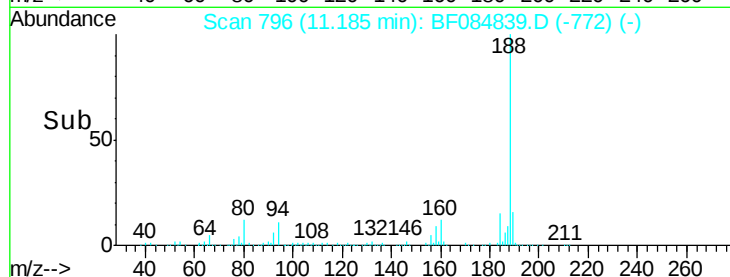
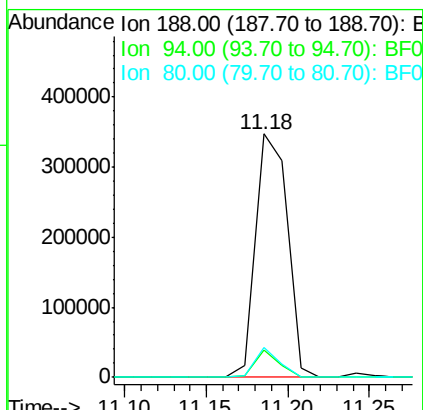
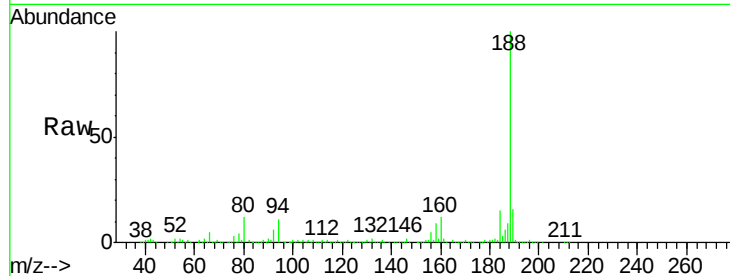




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

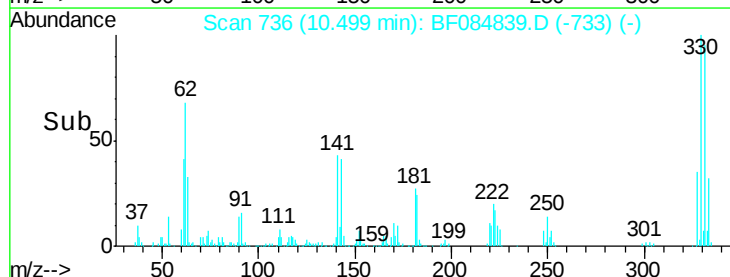
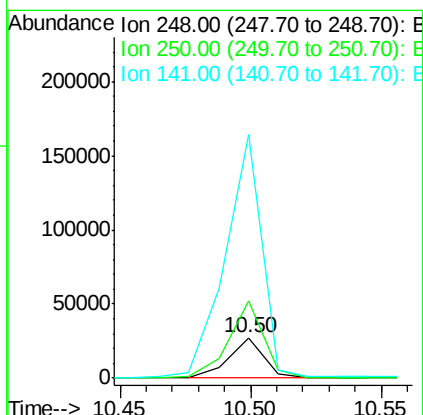
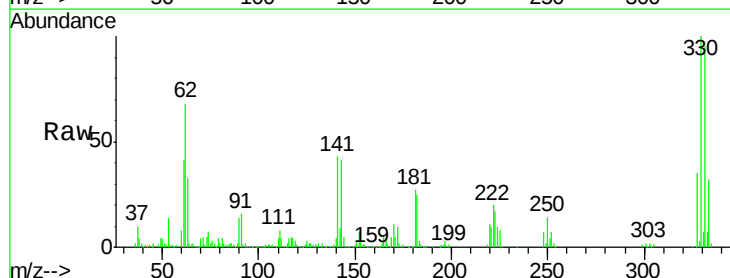
Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

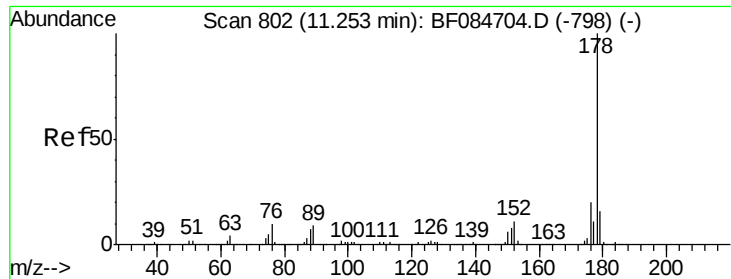
Tgt Ion:188 Resp: 472683
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.4
80 12.0 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:248 Resp: 25964
Ion Ratio Lower Upper
248 100
250 190.5 78.4 117.6#
141 597.6 44.0 66.0#

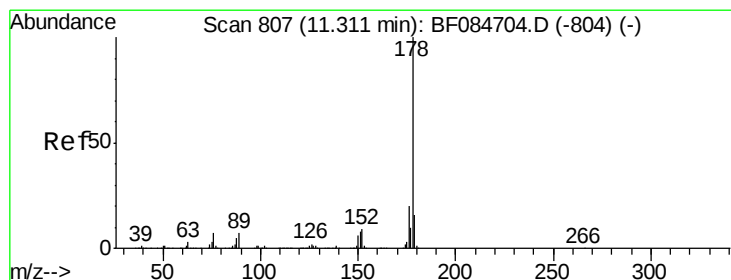
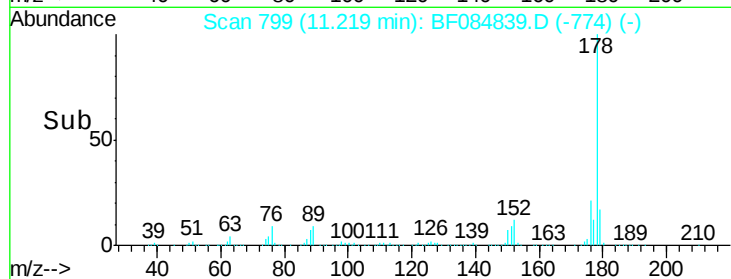
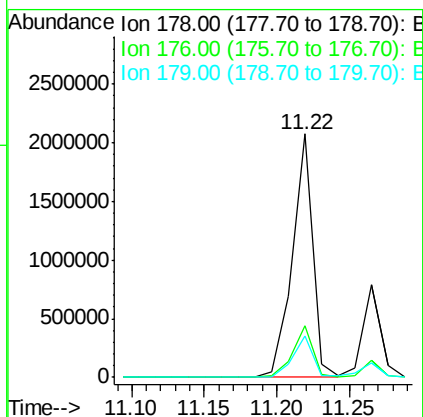
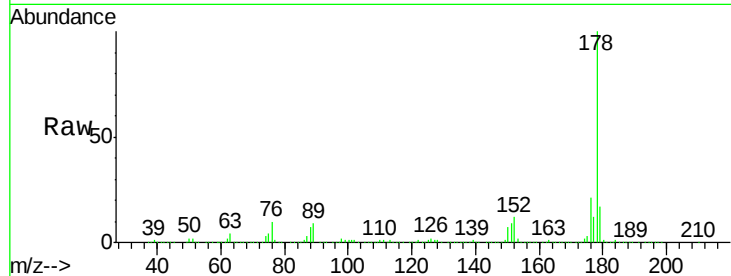




#70
Phenanthrene
Concen: 76.99 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

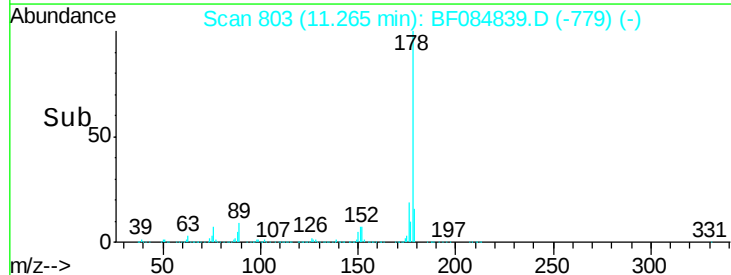
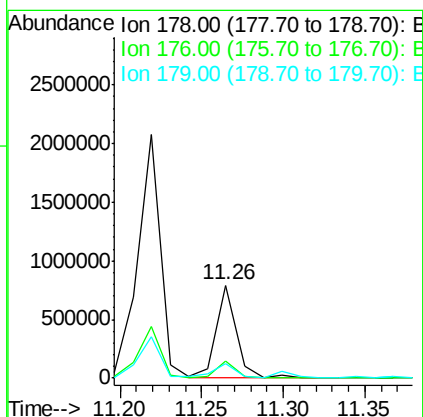
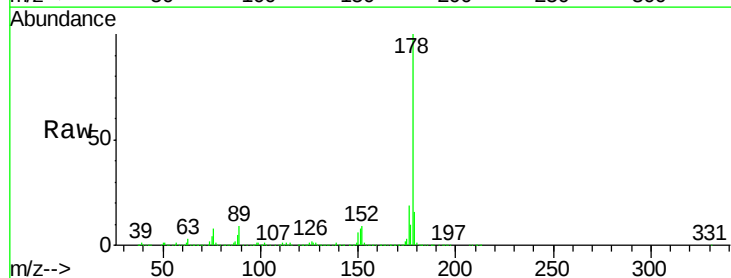
Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

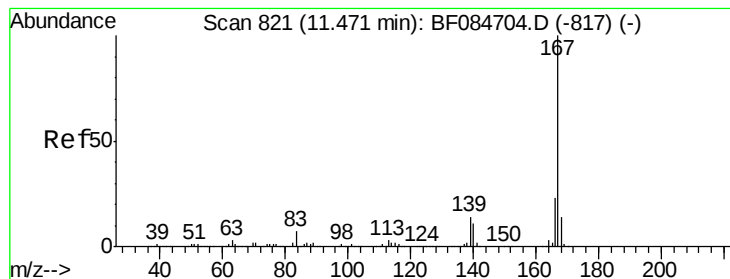
Tgt Ion:178 Resp: 2018340
Ion Ratio Lower Upper
178 100
176 21.0 15.3 22.9
179 17.0 12.0 18.0



#71
Anthracene
Concen: 25.57 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.02 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:178 Resp: 675441
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.0 12.5 18.7





#72

Carbazole

Concen: 5.64 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)

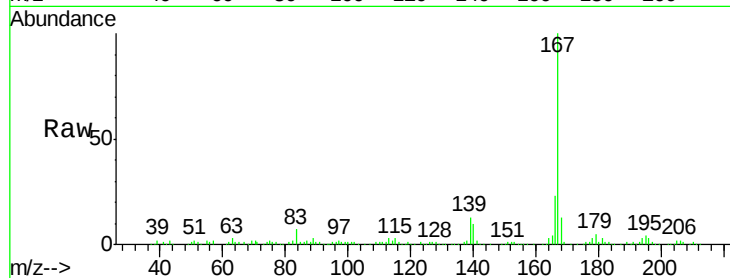
Tgt Ion:167 Resp: 129979

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

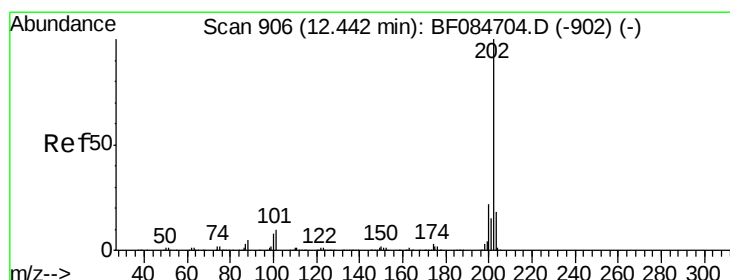
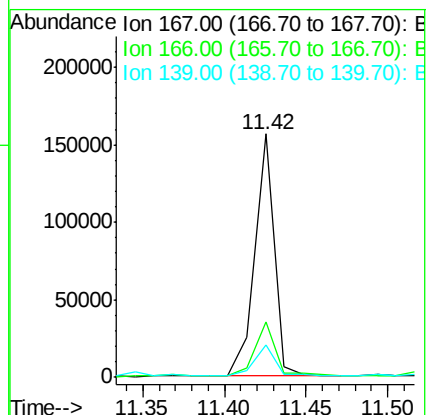
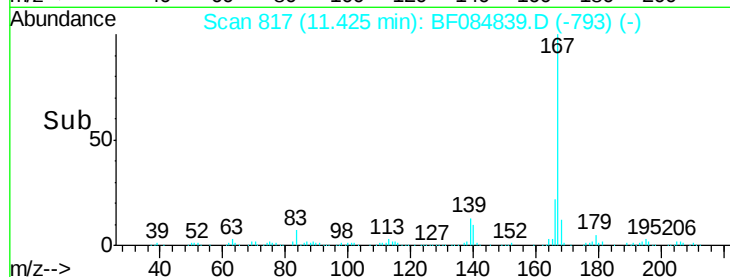
139 13.3 11.8 17.8



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: 106.25 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

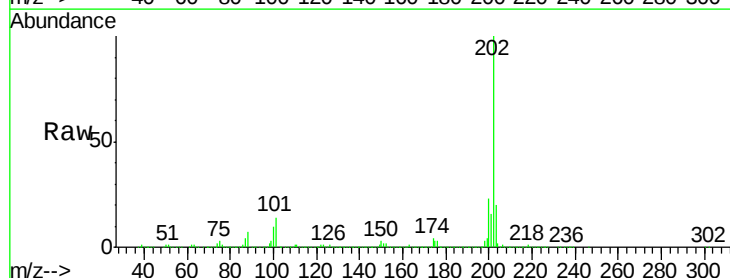
Tgt Ion:202 Resp: 2819398

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.8

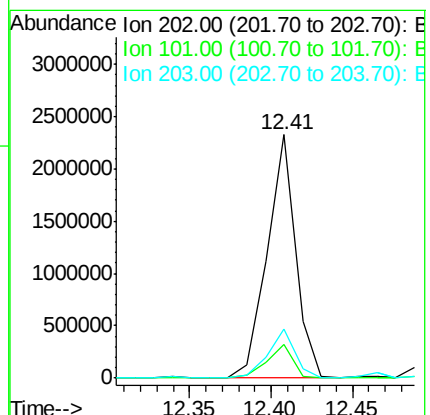
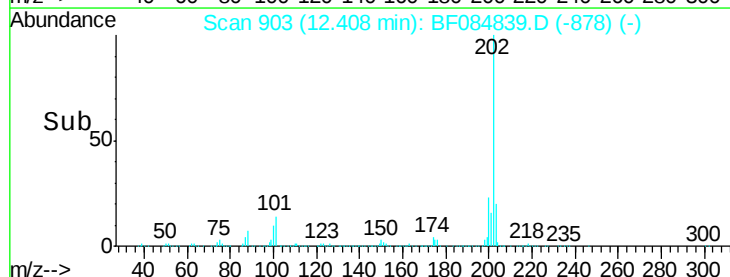
203 20.0 0.0 37.9

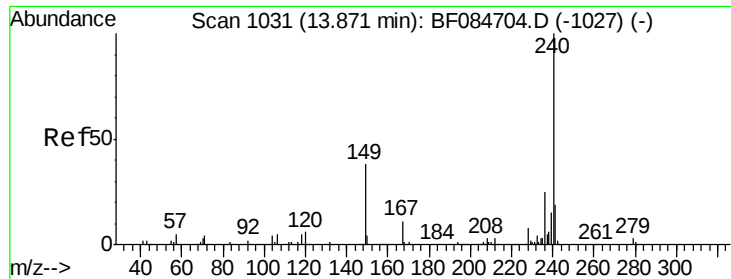


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)

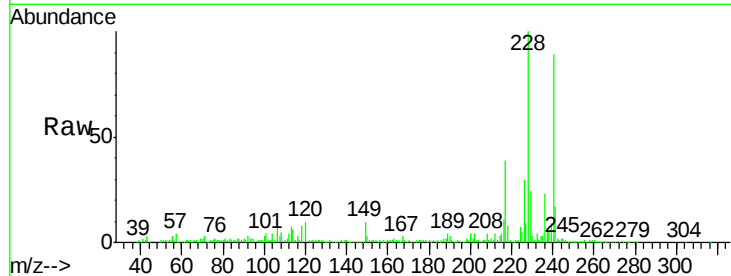
Tgt Ion:240 Resp: 308906

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

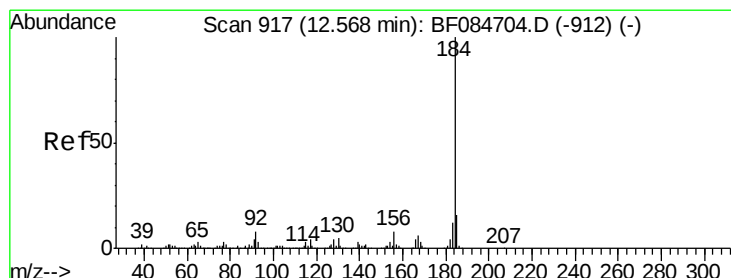
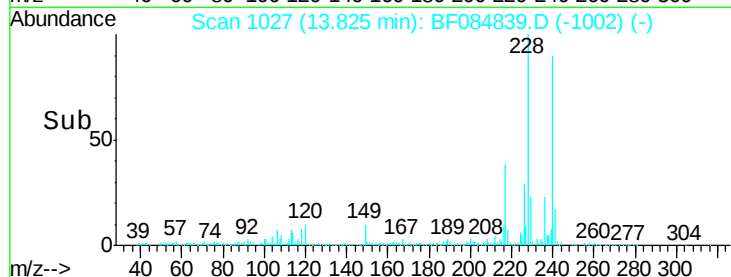
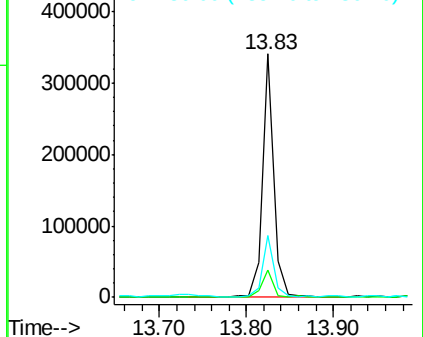
236 25.2 20.6 31.0



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



#76

Benzidine

Concen: 7.06 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

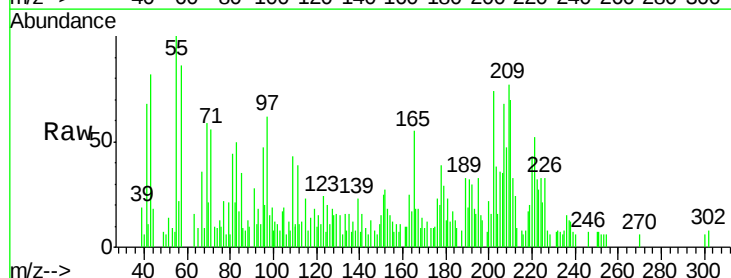
Tgt Ion:184 Resp: 2748

Ion Ratio Lower Upper

184 100

185 69.8 12.2 18.2#

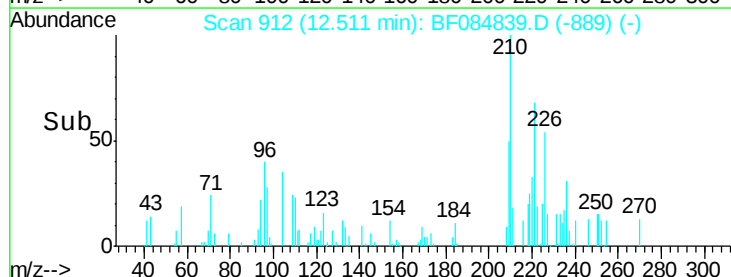
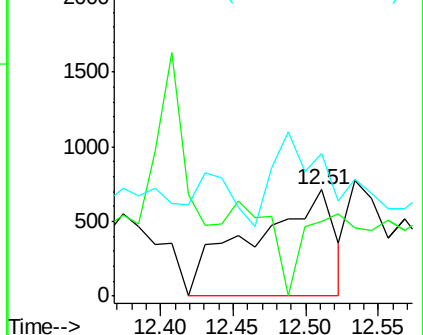
183 134.2 9.8 14.8#

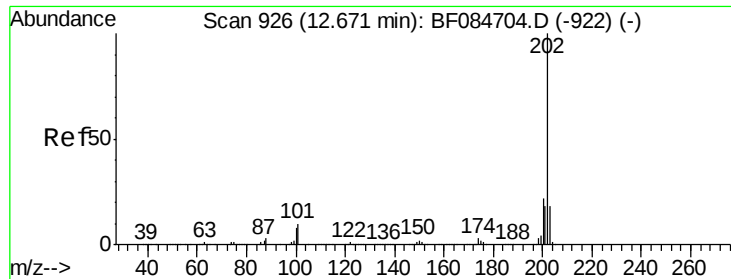


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

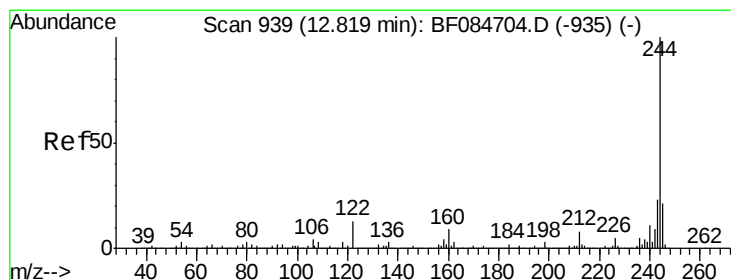
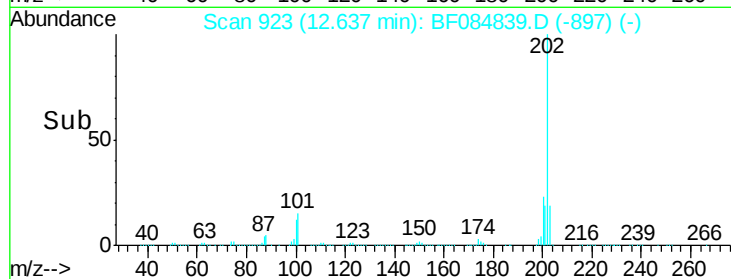
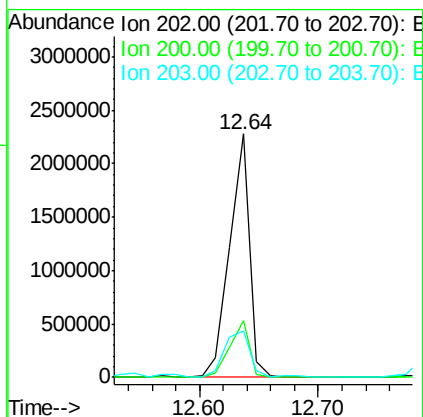
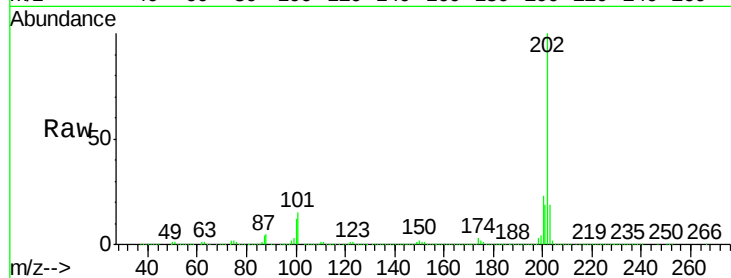




#77
 Pyrene
 Concen: 111.24 ng
 RT: 12.64 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

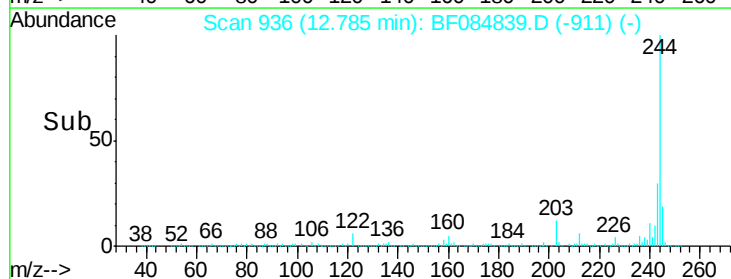
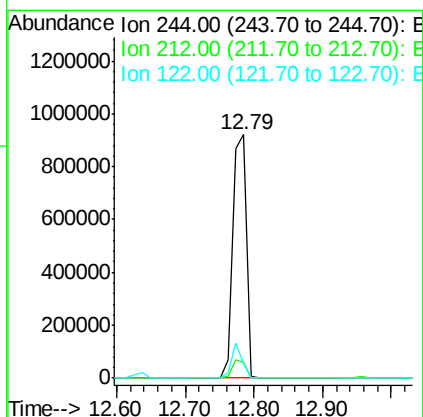
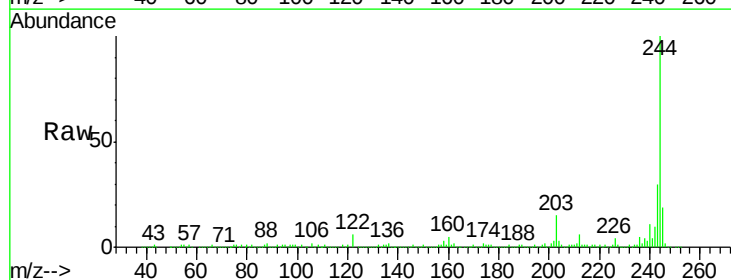
Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(5-7)

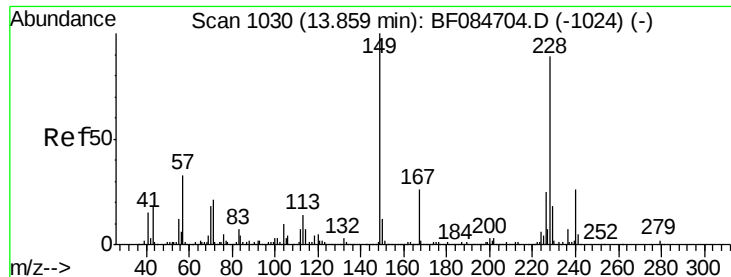
Tgt Ion:202 Resp: 2630890
 Ion Ratio Lower Upper
 202 100
 200 23.3 17.2 25.8
 203 19.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 94.44 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

Tgt Ion:244 Resp: 1287365
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 5.9 7.4 11.0#





#80

Benzo(a)anthracene

Concen: 68.10 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)

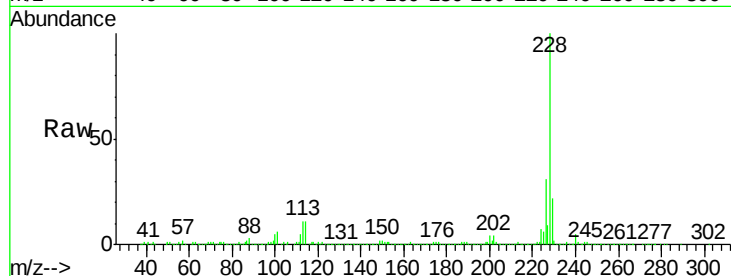
Tgt Ion:228 Resp: 1305585

Ion Ratio Lower Upper

228 100

226 31.2 21.8 32.6

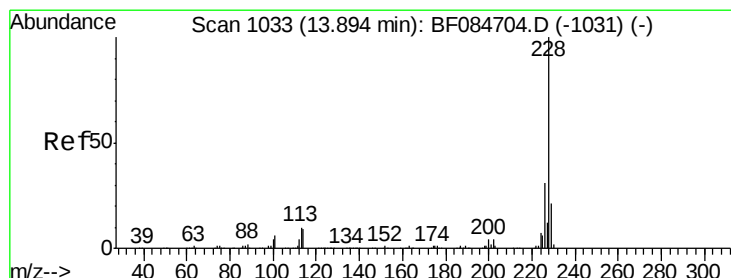
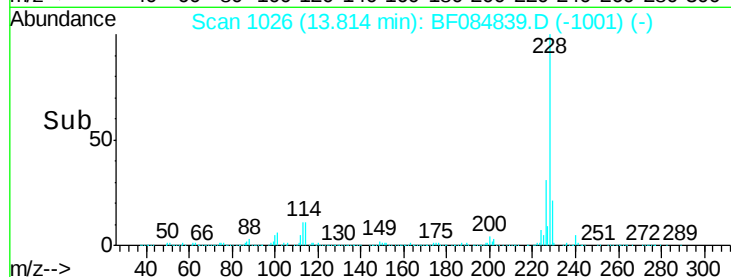
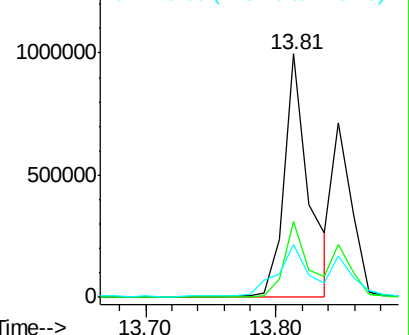
229 21.7 15.8 23.8



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: 70.22 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

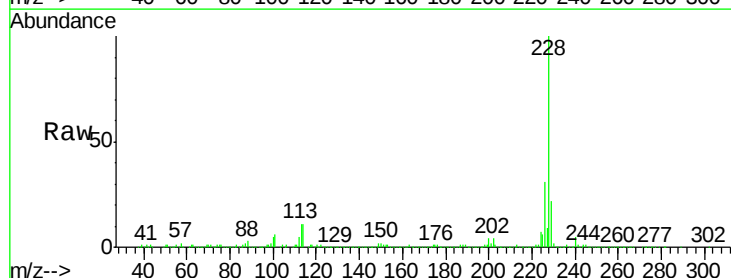
Tgt Ion:228 Resp: 1305585

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

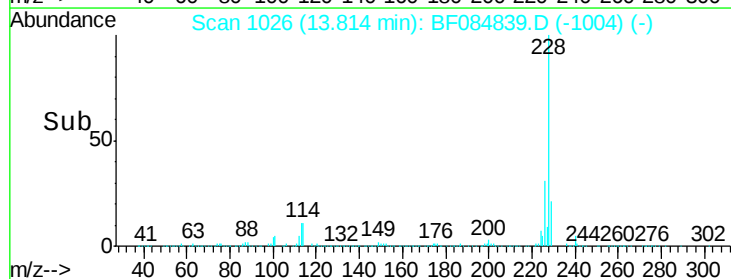
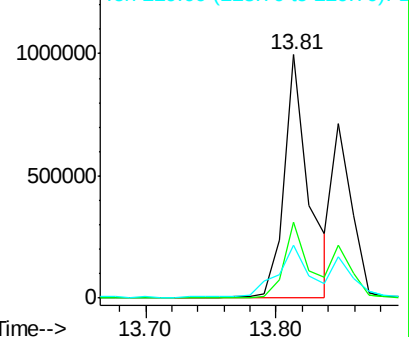
229 21.7 16.1 24.1

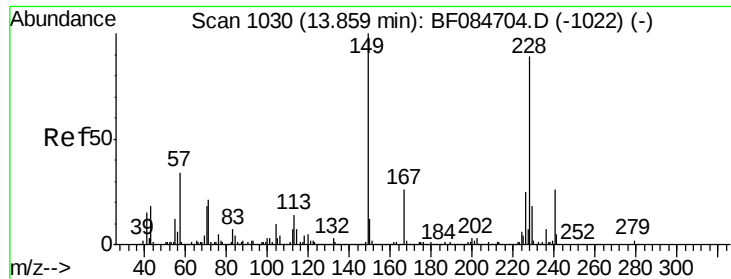


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

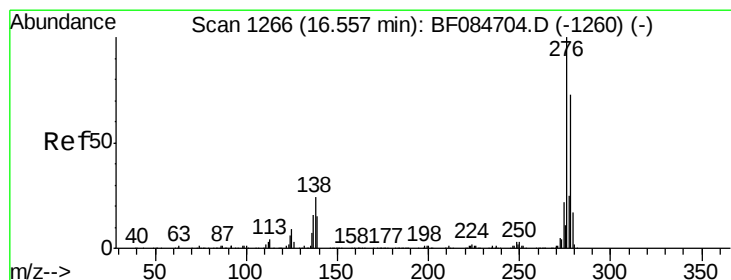
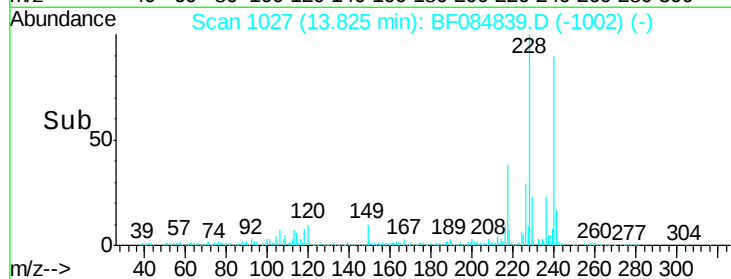
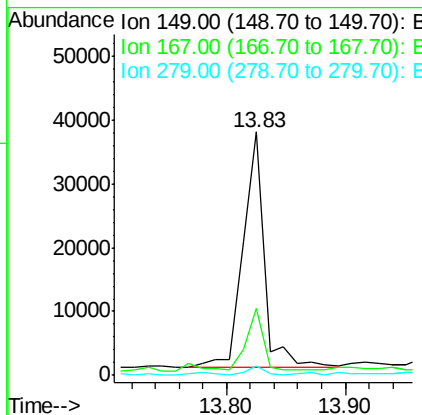
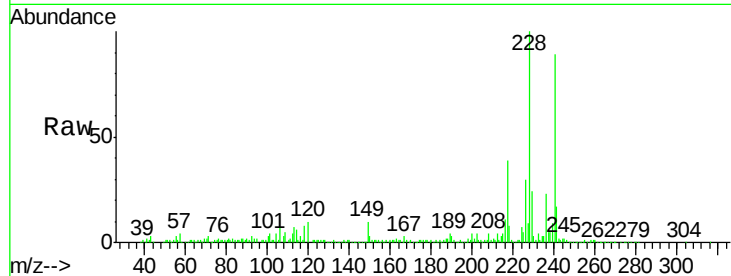




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.47 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

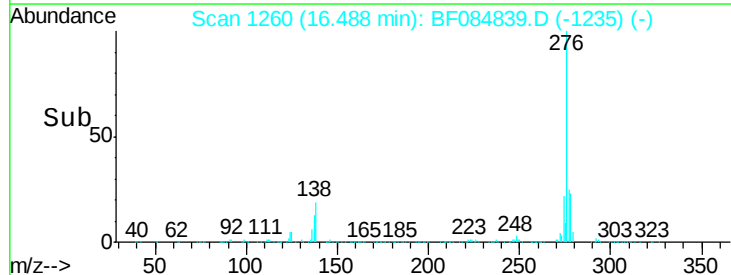
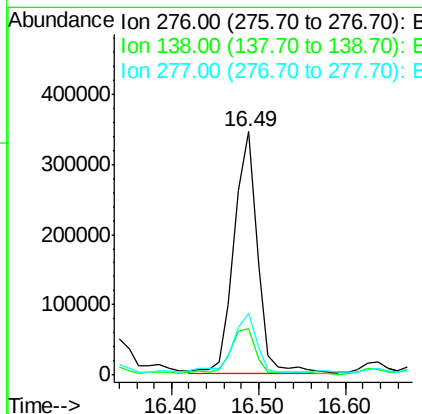
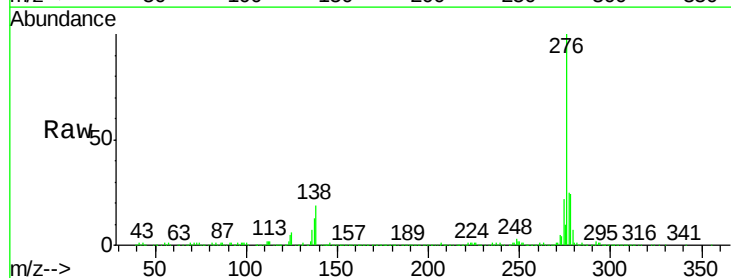
Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(5-7)

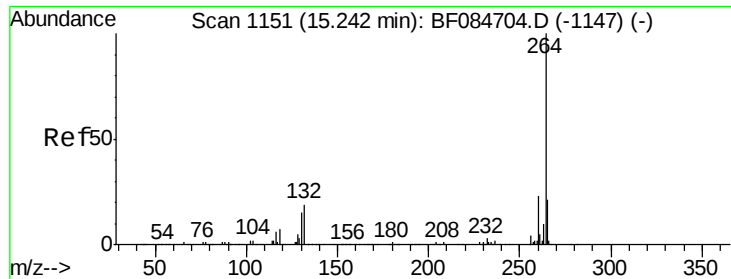
Tgt Ion:149 Resp: 46279
 Ion Ratio Lower Upper
 149 100
 167 27.3 19.7 29.5
 279 3.7 1.8 2.6#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.31 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF084839.D
 Acq: 4 Feb 2016 20:12

Tgt Ion:276 Resp: 648392
 Ion Ratio Lower Upper
 276 100
 138 21.6 20.6 30.8
 277 26.0 20.1 30.1

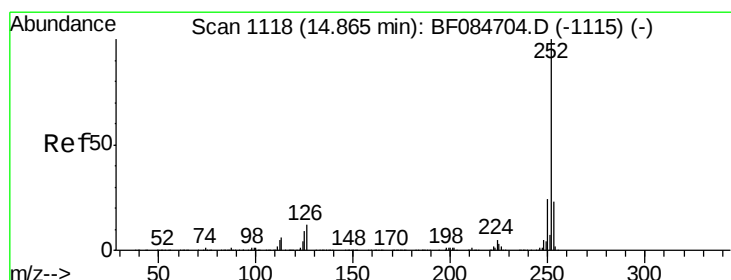
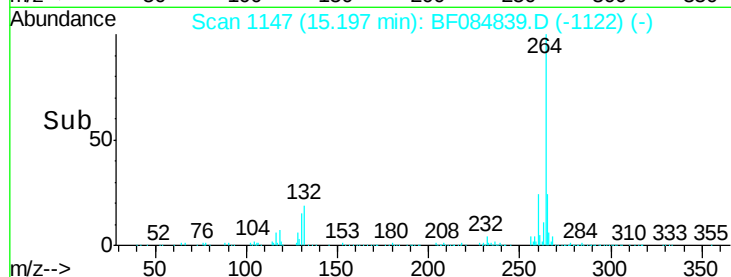
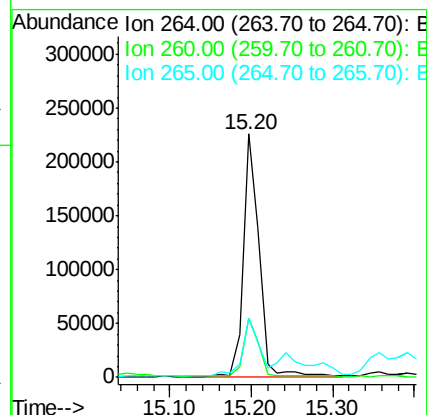
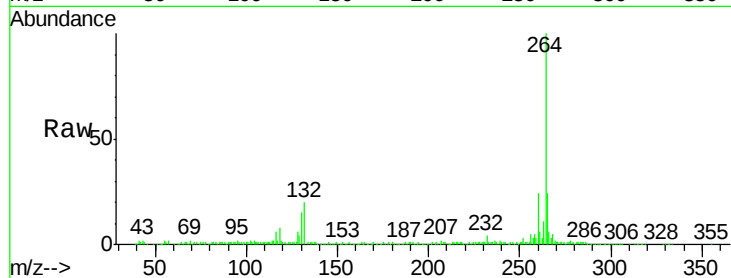




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

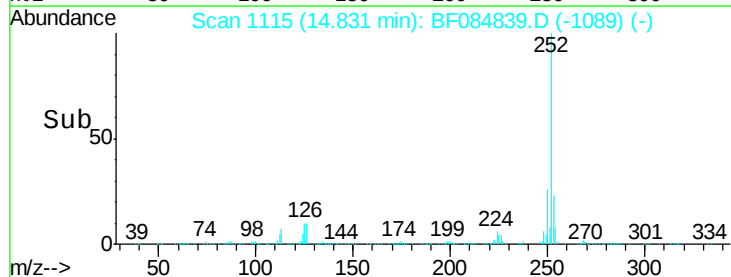
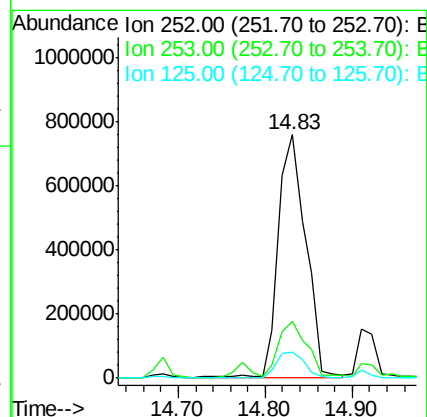
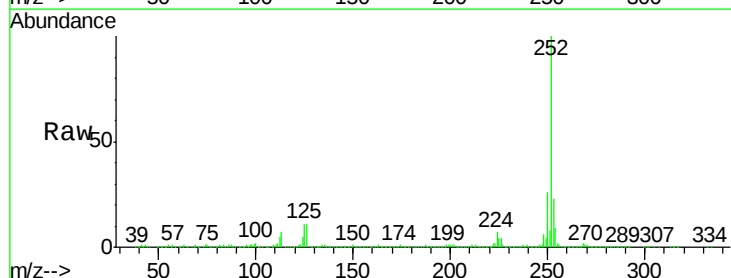
Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)

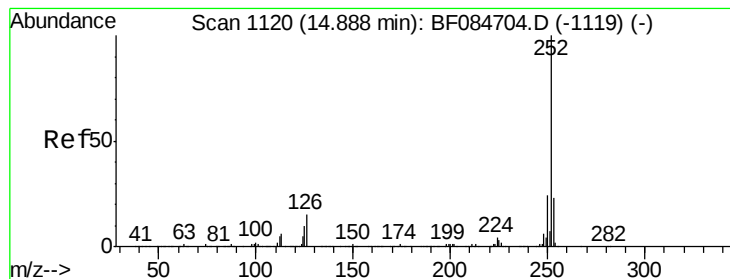
Tgt Ion:264 Resp: 301213
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 24.1 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 81.04 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084839.D
Acq: 4 Feb 2016 20:12

Tgt Ion:252 Resp: 1640057
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 10.7 6.5 9.7#





#88

Benzo(k)fluoranthene

Concen: 98.01 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

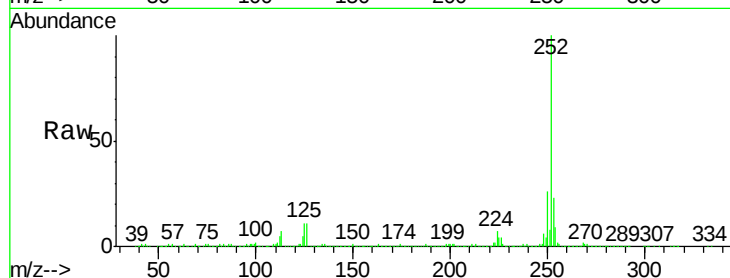
BNA_F

ClientSampleId :

S4-B012(5-7)

Tgt Ion:252 Resp: 1640057

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	10.7	9.0	13.6

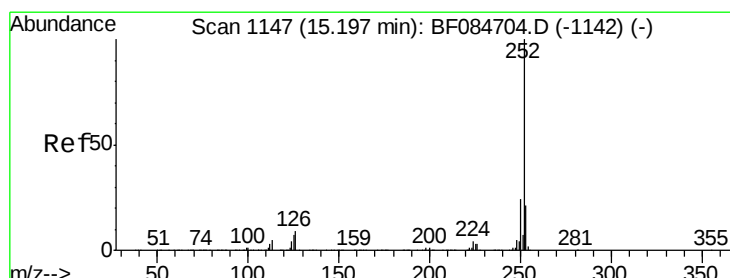
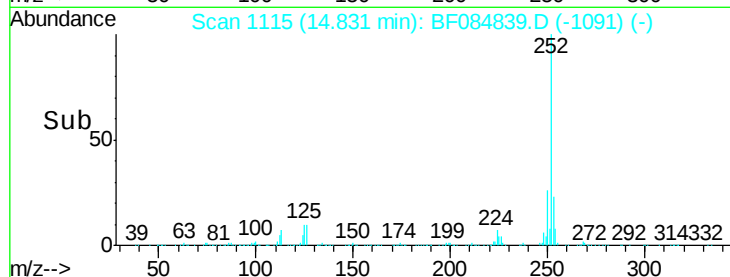
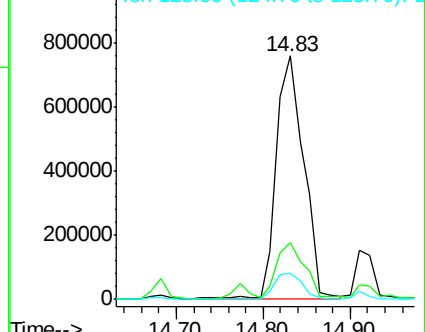


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 57.83 ng

RT: 15.15 min Scan# 1143

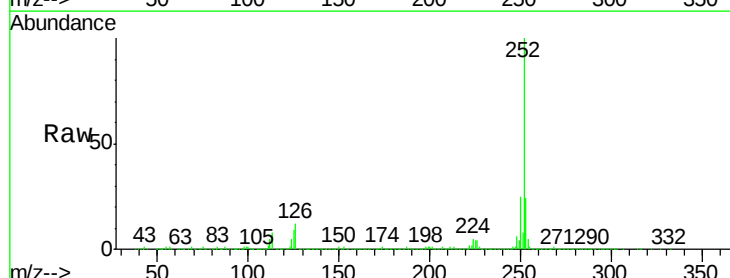
Delta R.T. 0.00 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Tgt Ion:252 Resp: 997271

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	9.4	7.0	10.4

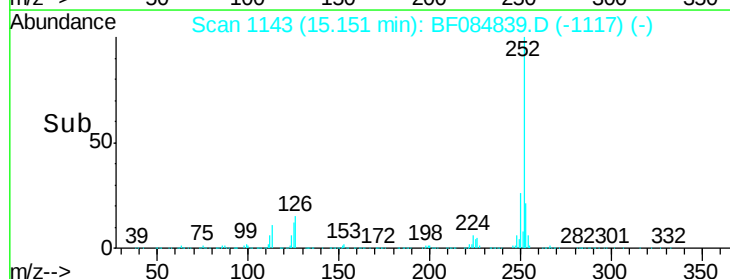
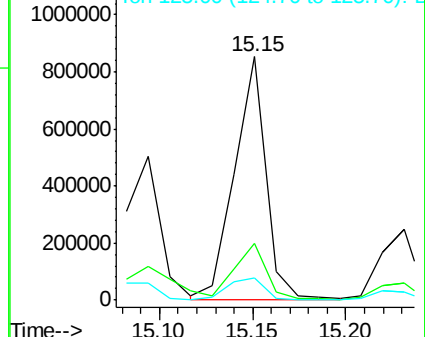


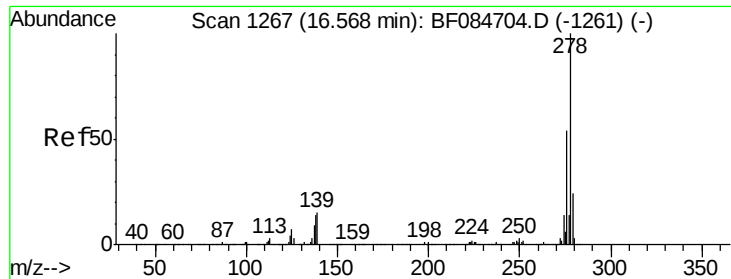
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 12.55 ng

RT: 16.49 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)

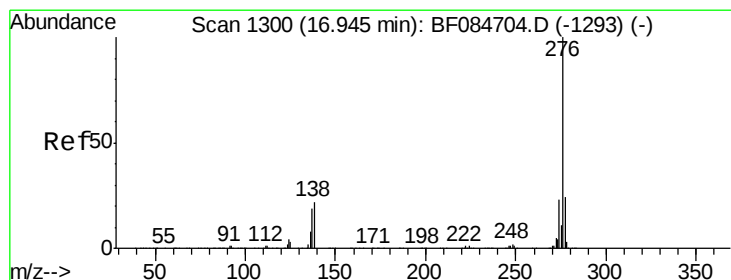
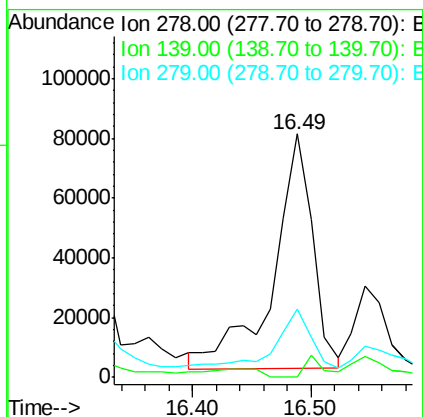
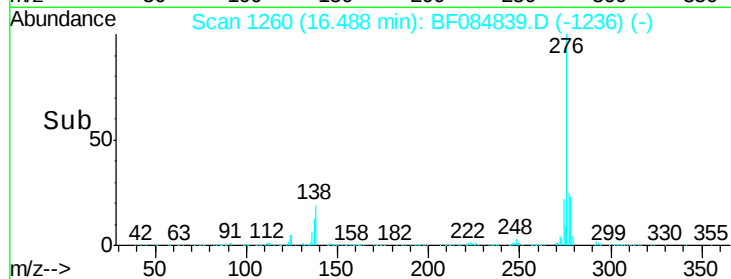
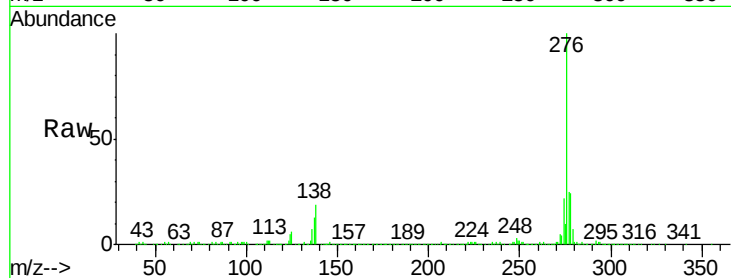
Tgt Ion:278 Resp: 182146

Ion Ratio Lower Upper

278 100

139 0.0 15.0 22.4#

279 27.8 18.9 28.3



#91

Benzo(g,h,i)perylene

Concen: 41.62 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF084839.D

Acq: 4 Feb 2016 20:12

Tgt Ion:276 Resp: 608570

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 18.4 17.8 26.6

