

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085249.D
 Acq On : 5 Mar 2016 12:48
 Operator : SJ/IZ
 Sample : H1675-09 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-005(0-2)

Quant Time: Mar 07 00:07:07 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

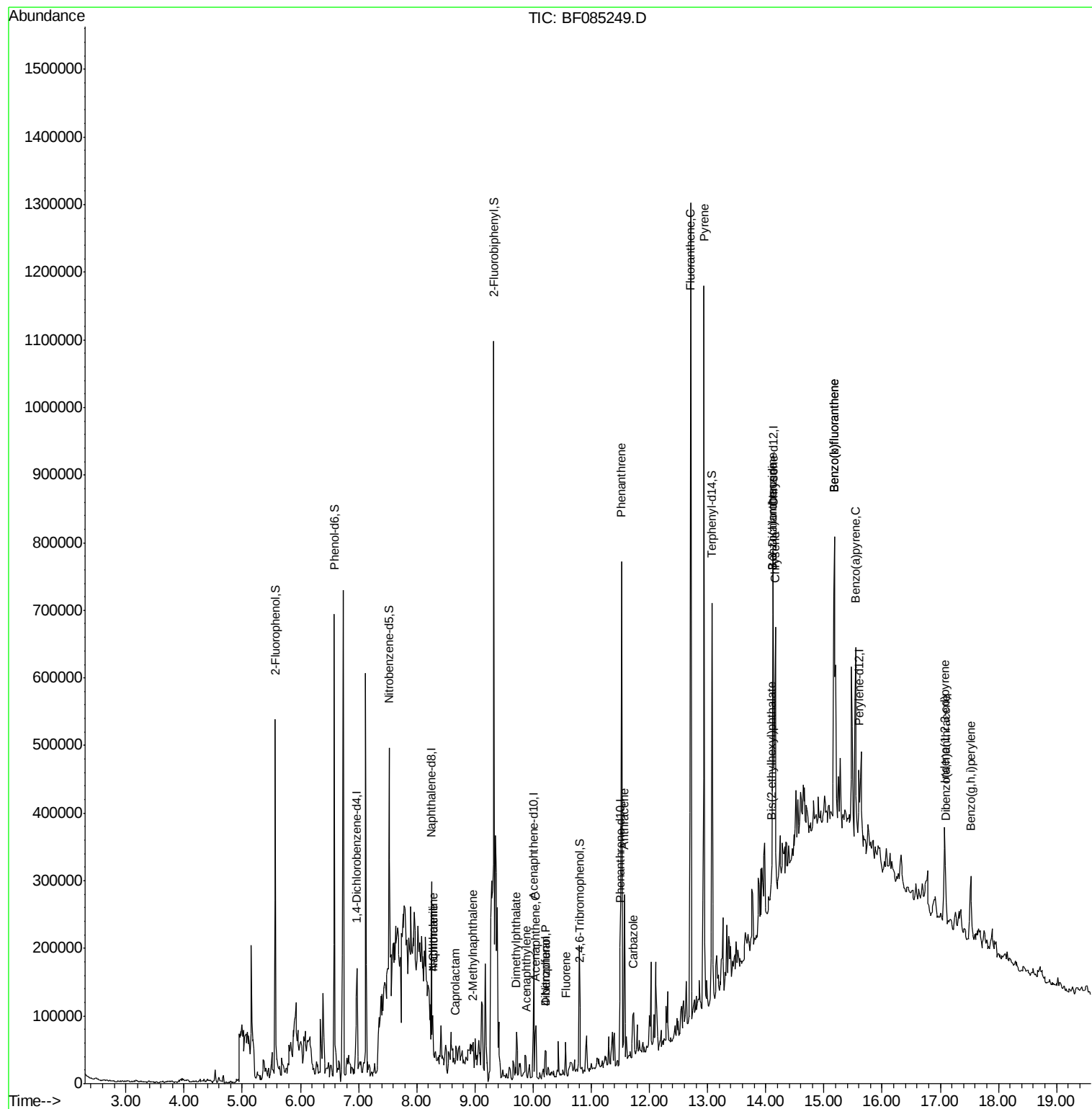
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	26831	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	107443	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	38315	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	70856	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	50683	20.00	ng	-0.02
86) Perylene-d12	15.60	264	46864	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	172038	107.55	ng	-0.01
7) Phenol-d6	6.58	99	242959	115.93	ng	-0.02
23) Nitrobenzene-d5	7.52	82	124478	62.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	17353	52.93	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	256439	101.79	ng	-0.02
78) Terphenyl-d14	13.08	244	161556	74.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	549	Below Cal		Qvalue 95
31) Naphthalene	8.28	128	28489	5.39	ng	97
33) 4-Chloroaniline	8.28	127	4540	2.12	ng	# 35
35) Caprolactam	8.66	113	1639	3.43	ng	# 26
37) 2-Methylnaphthalene	8.96	142	9363	2.76	ng	95
48) Acenaphthylene	9.88	152	15795	4.07	ng	98
49) Dimethylphthalate	9.72	163	23641	8.04	ng	98
51) Acenaphthene	10.05	154	22880	9.70	ng	97
54) Dibenzofuran	10.22	168	18796	6.08	ng	93
55) 4-Nitrophenol	10.22	139	7602	12.85	ng	# 22
57) Fluorene	10.56	166	18233	7.51	ng	99
70) Phenanthrene	11.52	178	289457	77.95	ng	97
71) Anthracene	11.57	178	94569	23.99	ng	99
72) Carbazole	11.73	167	35100	10.15	ng	99
74) Fluoranthene	12.71	202	471096	126.42	ng	97
77) Pyrene	12.94	202	426072	111.69	ng	98
80) Benzo(a)anthracene	14.12	228	227374	74.94	ng	98
81) 3,3'-Dichlorobenzidine	14.12	252	2574	2.69	ng	# 1
82) Chrysene	14.16	228	186850	66.66	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	7534	3.31	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.08	276	91695	41.92	ng	91
87) Benzo(b)fluoranthene	15.18	252	343187	109.87	ng	99
88) Benzo(k)fluoranthene	15.18	252	343187	136.21	ng	98
89) Benzo(a)pyrene	15.55	252	149884	57.90	ng	# 96
90) Dibenzo(a,h)anthracene	17.09	278	22026	9.97	ng	# 85
91) Benzo(g,h,i)perylene	17.52	276	83054	37.38	ng	98

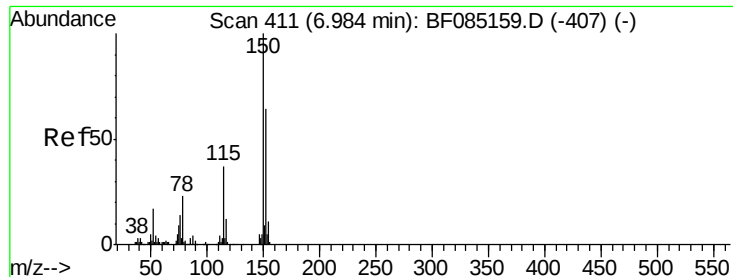
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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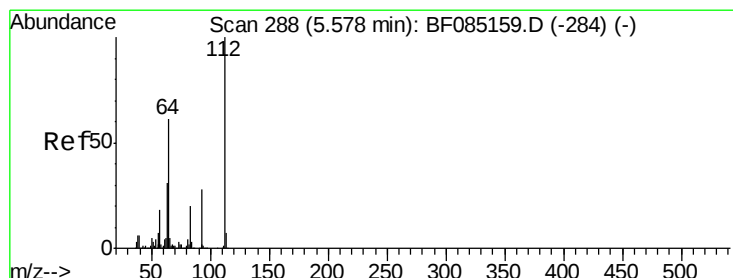
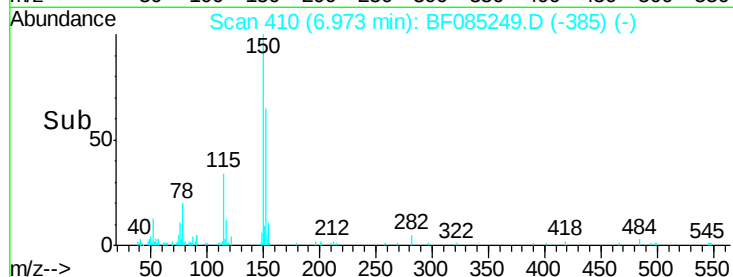
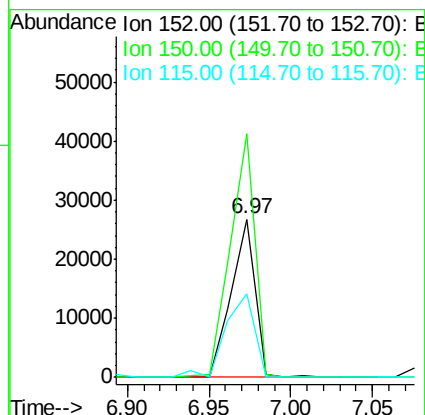
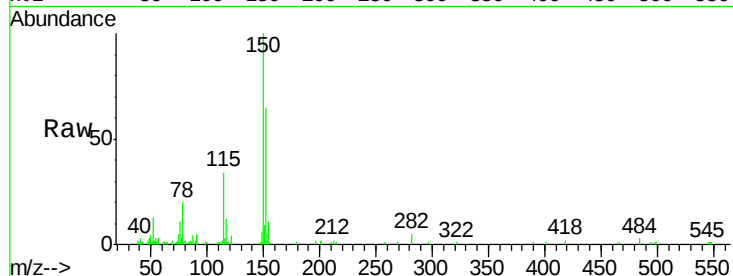


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SP-005(0-2)

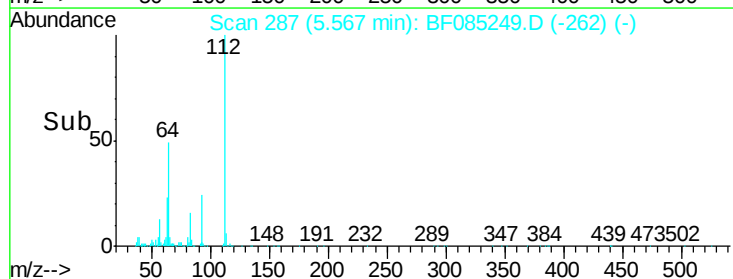
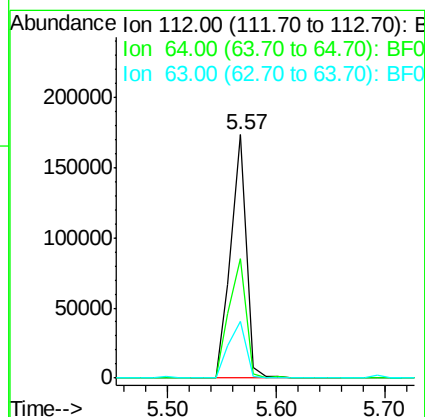
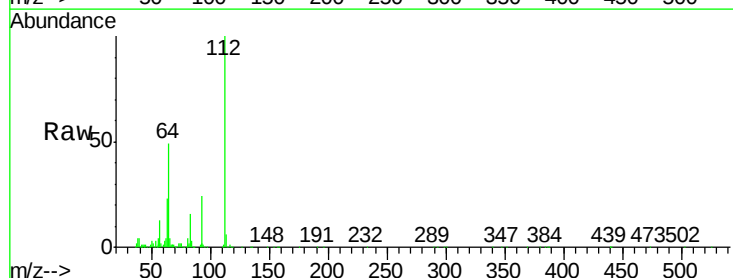
Tgt Ion:152 Resp: 26831
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 53.0 46.6 70.0

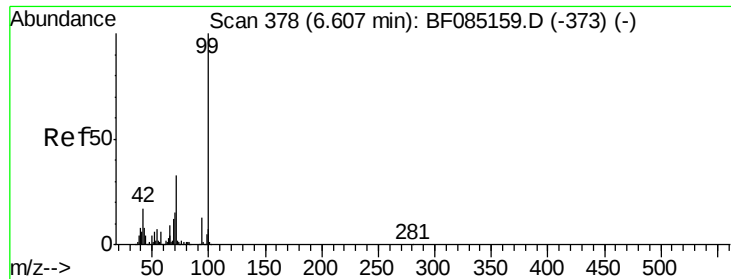


#5

2-Fluorophenol
Concen: 107.55 ng
RT: 5.57 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

Tgt Ion:112 Resp: 172038
Ion Ratio Lower Upper
112 100
64 49.0 49.0 73.4
63 23.1 24.8 37.2#





#7

Phenol-d6

Concen: 115.93 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

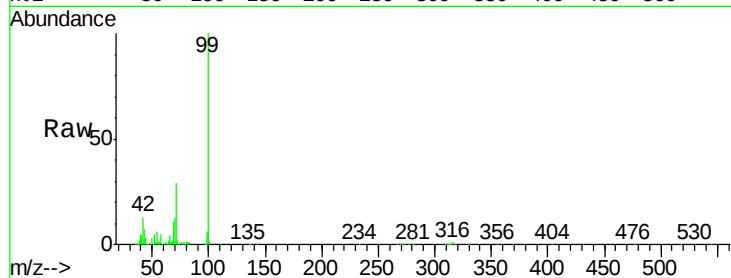
Tgt Ion: 99 Resp: 242959

Ion Ratio Lower Upper

99 100

42 13.0 13.6 20.4#

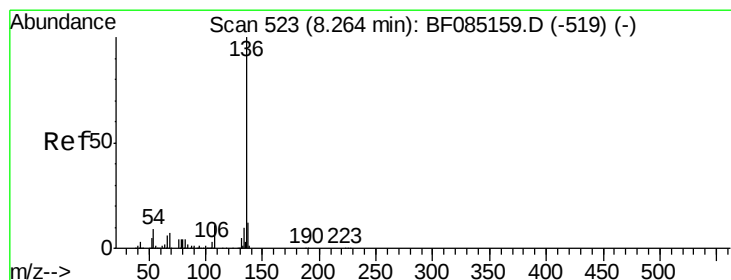
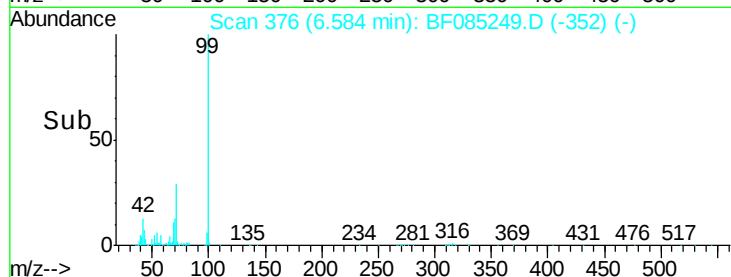
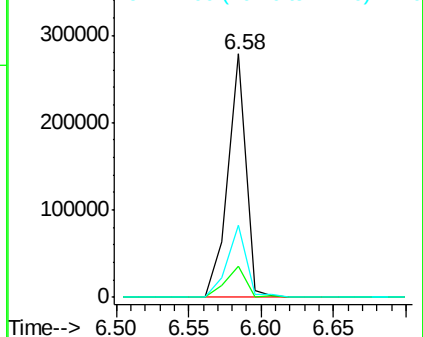
71 29.4 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Tgt Ion: 136 Resp: 107443

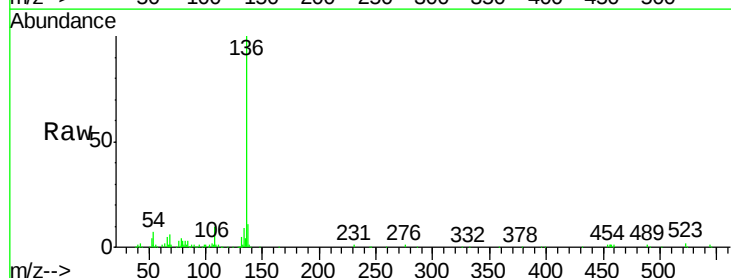
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 7.0 7.4 11.2#

68 6.1 6.0 9.0

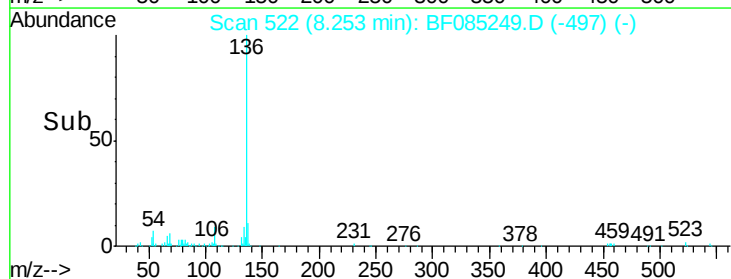
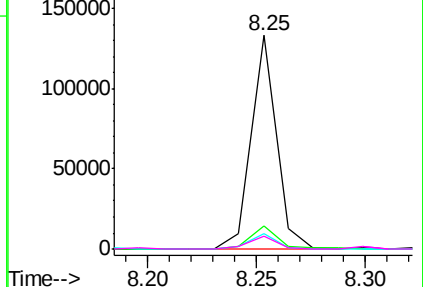


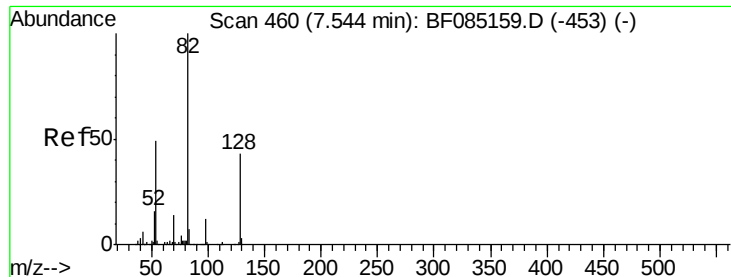
Abundance Ion 136.00 (135.70 to 136.70): E

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

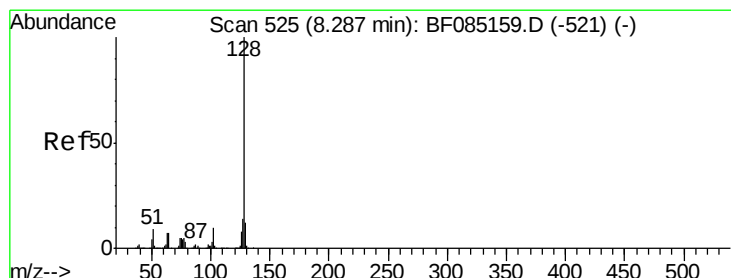
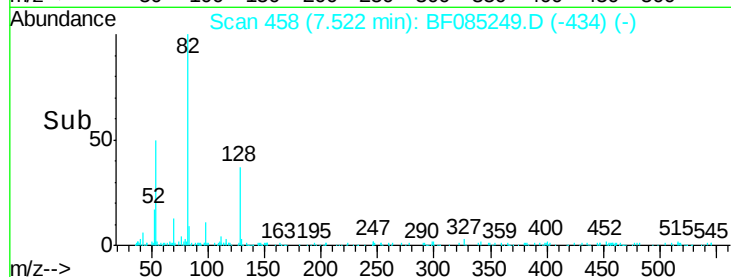
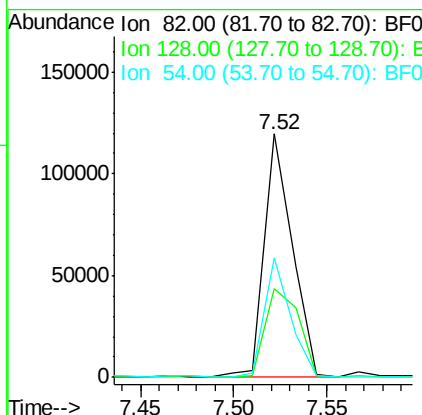
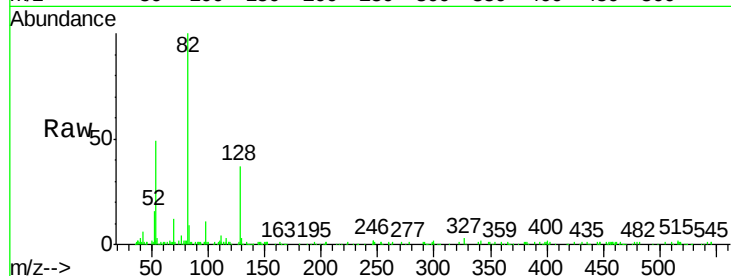




#23
 Nitrobenzene-d5
 Concen: 62.00 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085249.D
 Acq: 5 Mar 2016 12:48

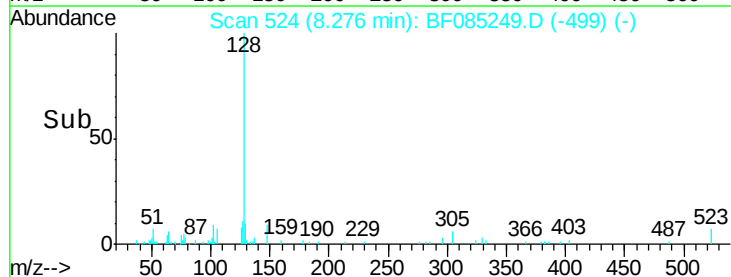
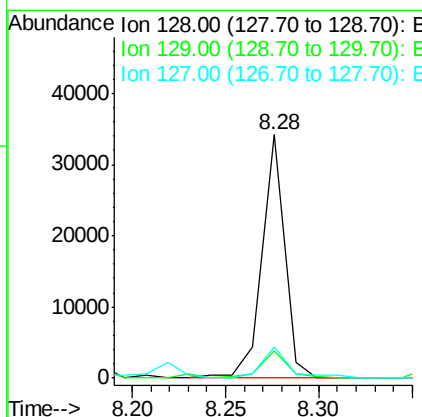
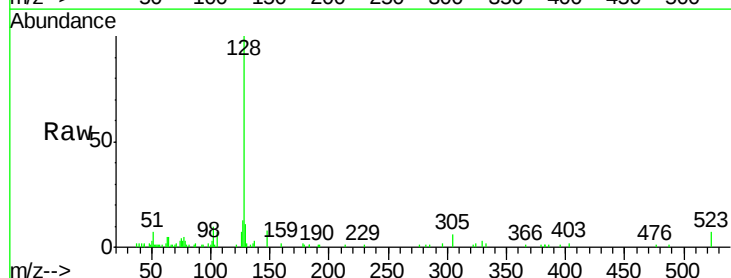
Instrument :
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 SP-005(0-2)

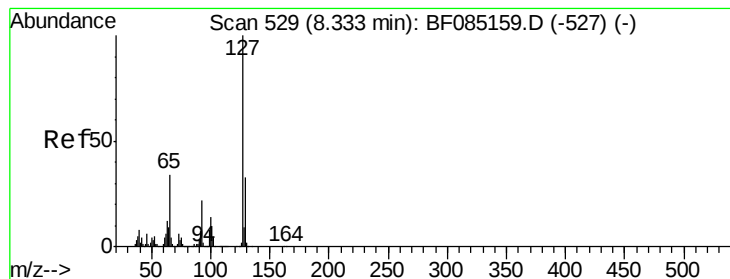
Tgt Ion: 82 Resp: 124478
 Ion Ratio Lower Upper
 82 100
 128 36.7 34.5 51.7
 54 49.2 39.3 58.9



#31
 Naphthalene
 Concen: 5.39 ng
 RT: 8.28 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085249.D
 Acq: 5 Mar 2016 12:48

Tgt Ion: 128 Resp: 28489
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.7 14.5
 127 12.9 11.2 16.8





#33

4-Chloroaniline

Concen: 2.12 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

Tgt Ion:127 Resp: 4540

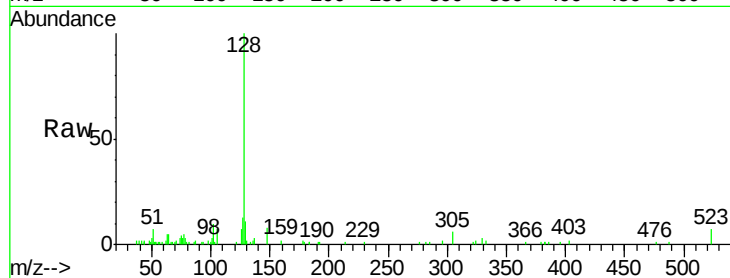
Ion Ratio Lower Upper

127 100

129 86.3 26.1 39.1#

65 0.0 27.0 40.6#

92 9.0 17.4 26.0#

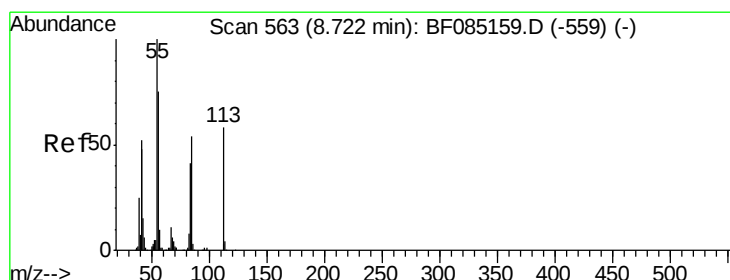
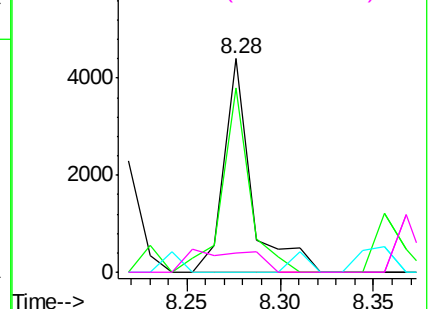
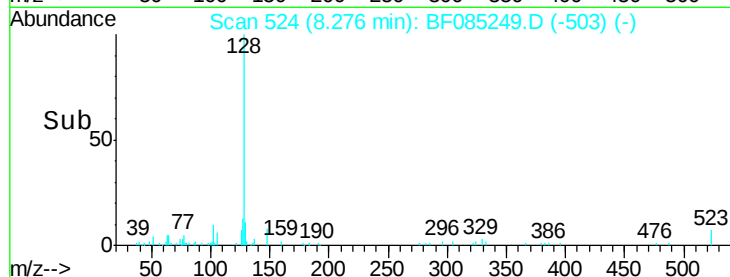


Abundance Ion 127.00 (126.70 to 127.70): E

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



#35

Caprolactam

Concen: 3.43 ng

RT: 8.66 min Scan# 558

Delta R.T. -0.06 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

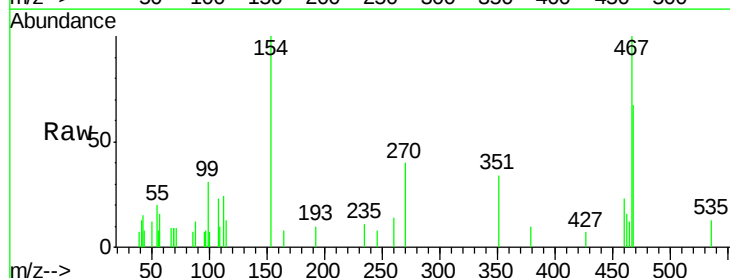
Tgt Ion:113 Resp: 1639

Ion Ratio Lower Upper

113 100

55 81.7 152.7 192.7#

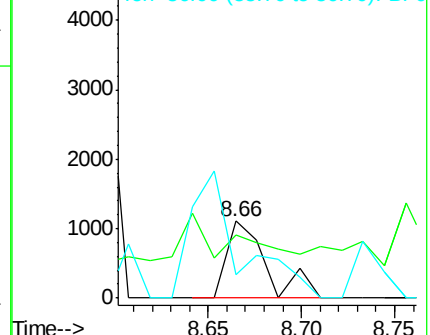
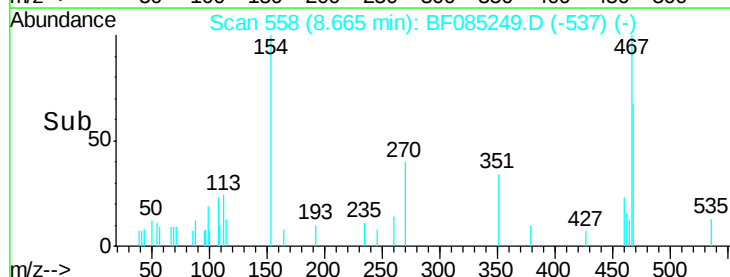
56 31.1 109.0 149.0#

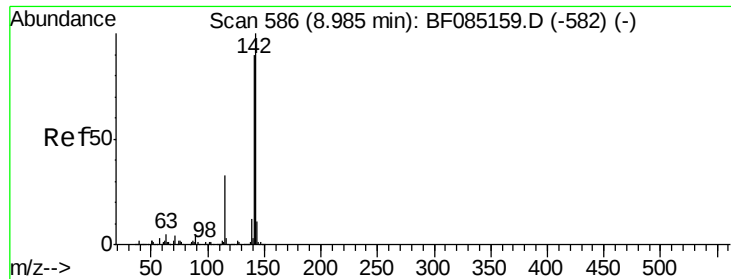


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

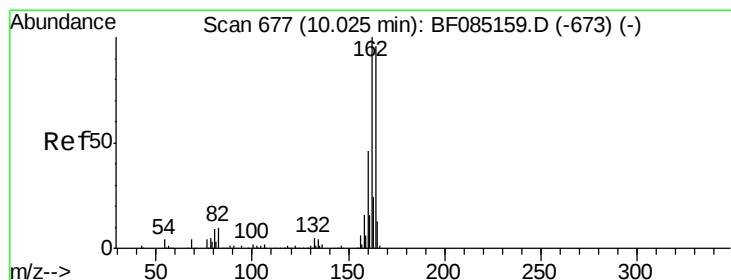
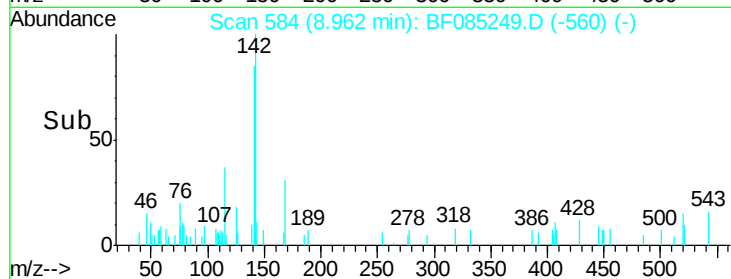
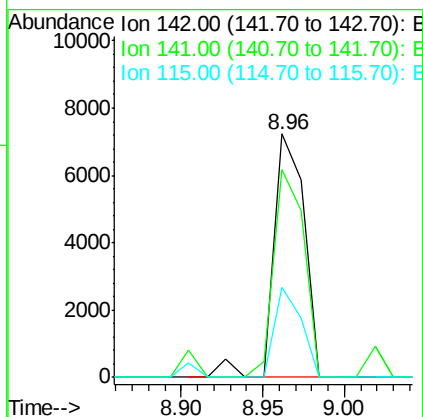
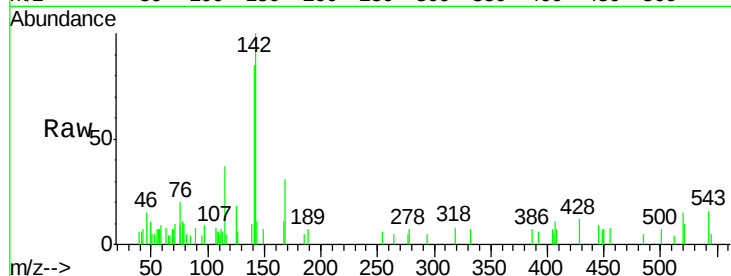




#37
2-Methylnaphthalene
Concen: 2.76 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

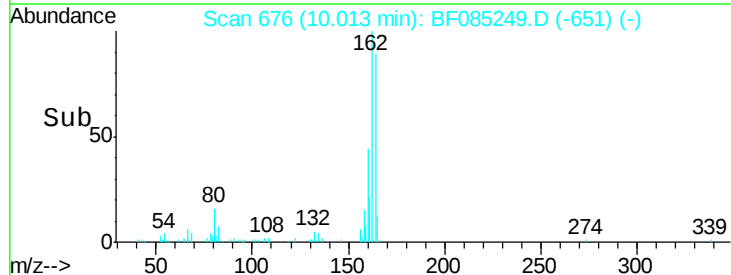
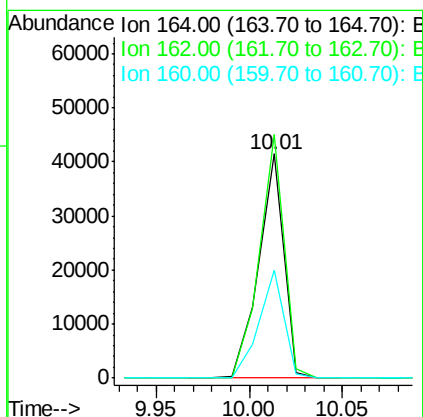
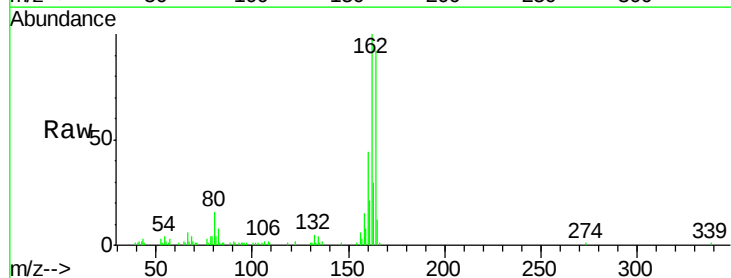
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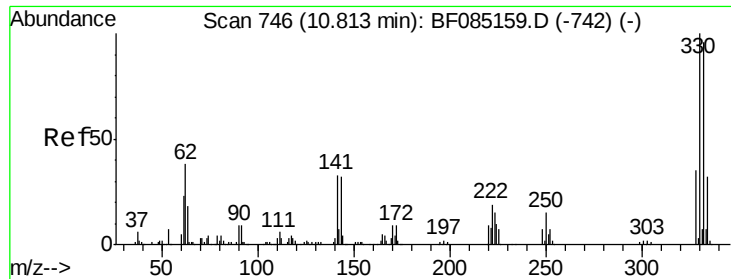
Tgt Ion:142 Resp: 9363
Ion Ratio Lower Upper
142 100
141 85.2 71.7 107.5
115 36.9 26.2 39.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

Tgt Ion:164 Resp: 38315
Ion Ratio Lower Upper
164 100
162 108.7 83.3 124.9
160 48.3 37.9 56.9

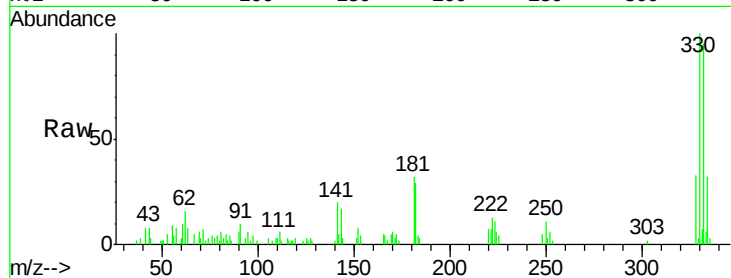




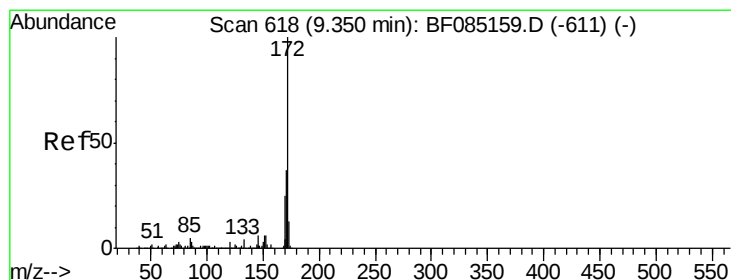
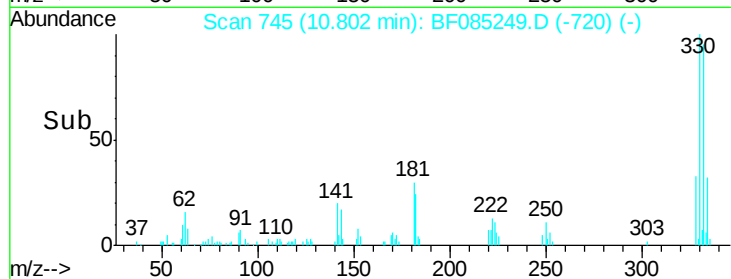
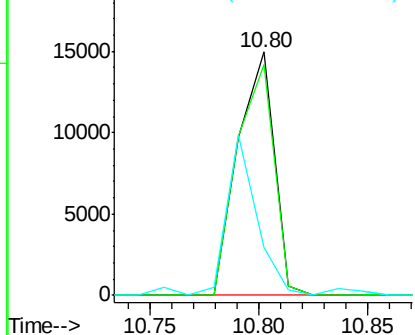
#41
 2,4,6-Tribromophenol
 Concen: 52.93 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085249.D
 Acq: 5 Mar 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-005(0-2)

Tgt Ion:330 Resp: 17353
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 55.6 35.0 52.6#

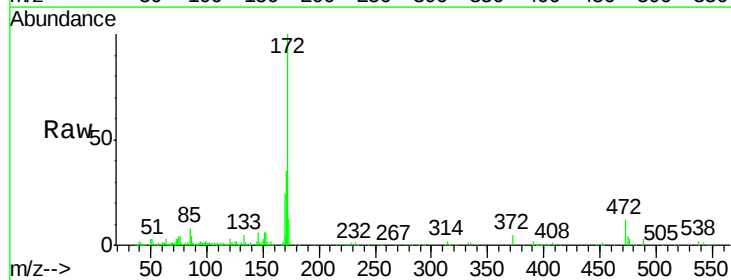


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

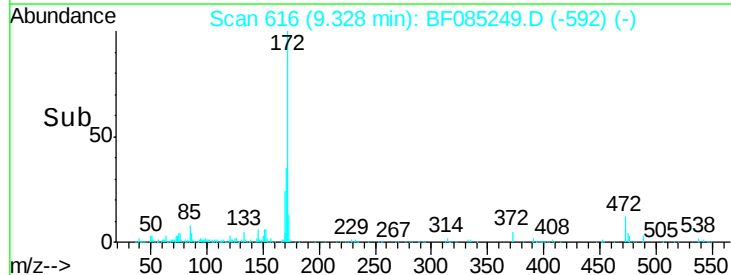
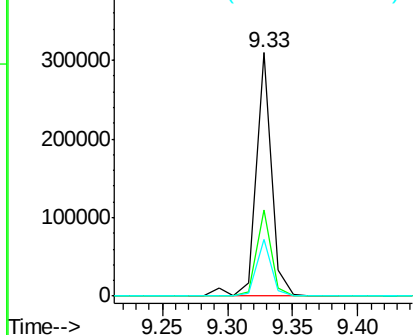


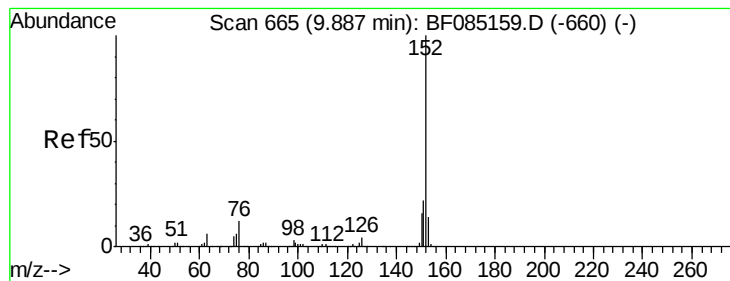
#44
 2-Fluorobiphenyl
 Concen: 101.79 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085249.D
 Acq: 5 Mar 2016 12:48

Tgt Ion:172 Resp: 256439
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.3 43.9
 170 23.5 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





#48

Acenaphthylene

Concen: 4.07 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

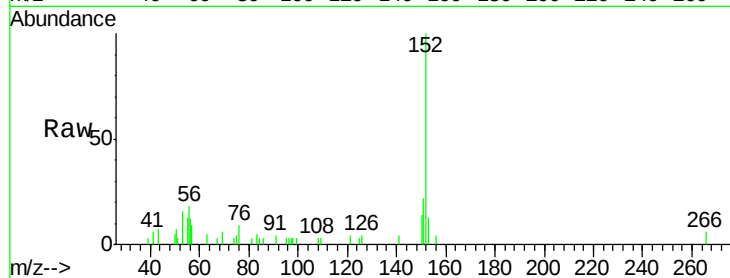
Tgt Ion:152 Resp: 15795

Ion Ratio Lower Upper

152 100

151 22.3 17.5 26.3

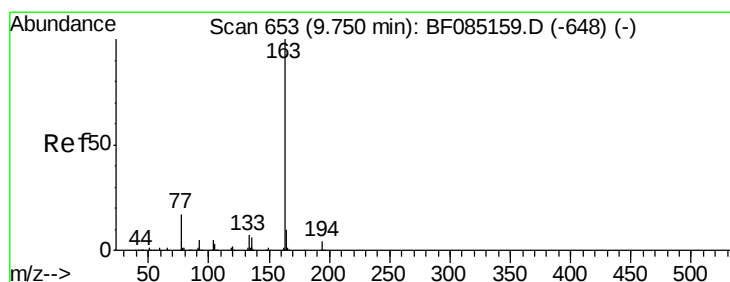
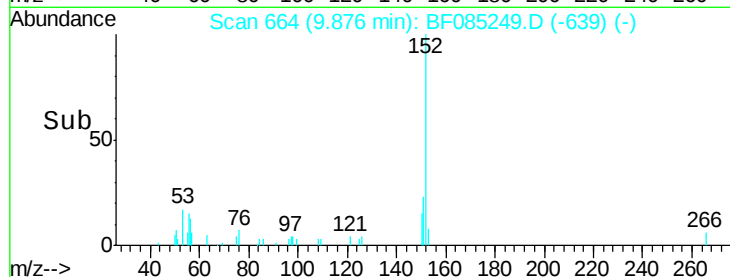
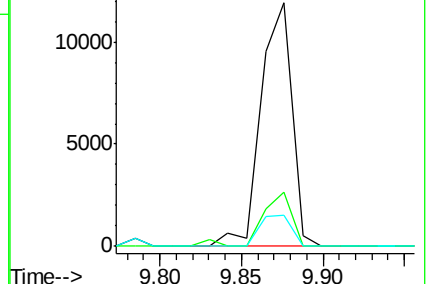
153 12.7 11.3 16.9



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: 8.04 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

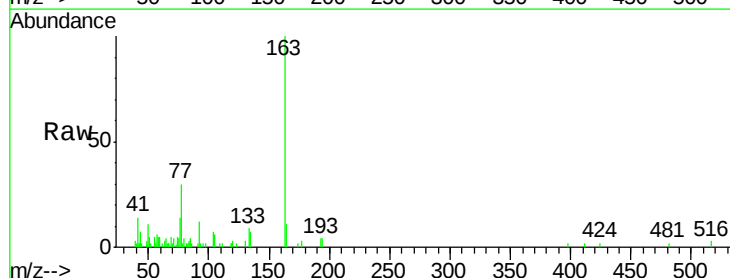
Tgt Ion:163 Resp: 23641

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

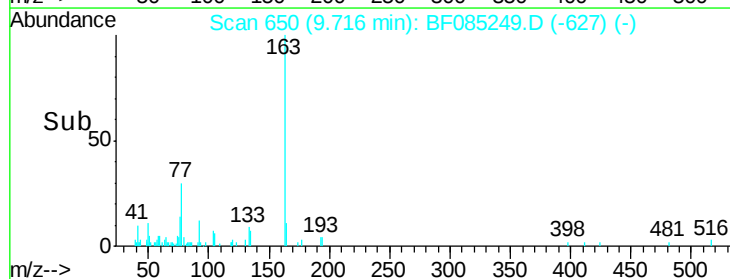
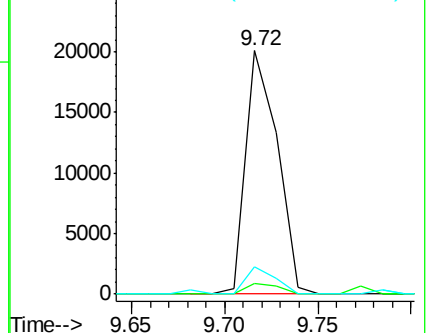
164 11.2 8.2 12.4

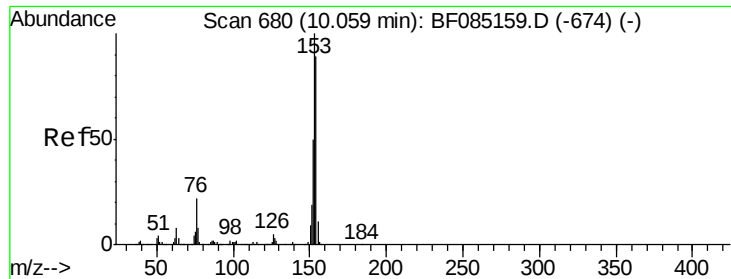


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 9.70 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

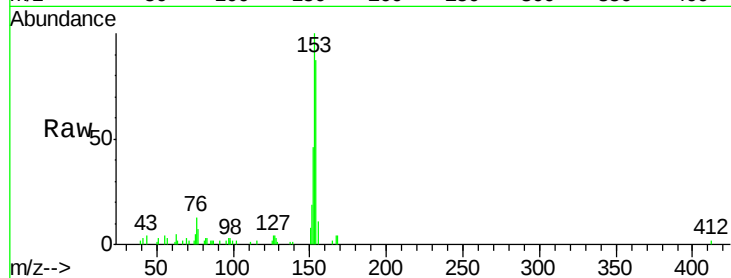
Tgt Ion:154 Resp: 22880

Ion Ratio Lower Upper

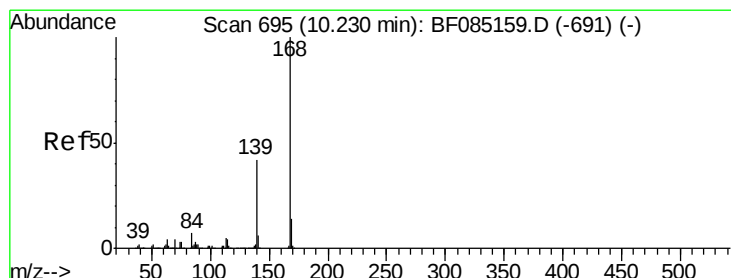
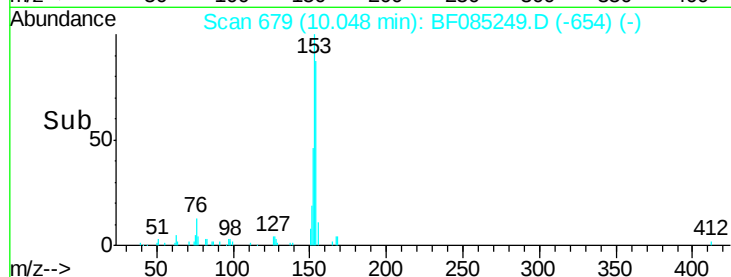
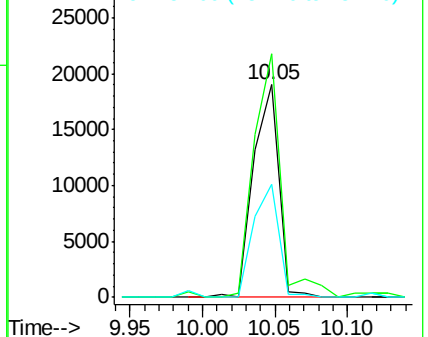
154 100

153 114.6 89.8 134.8

152 53.2 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

Dibenzofuran

Concen: 6.08 ng

RT: 10.22 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

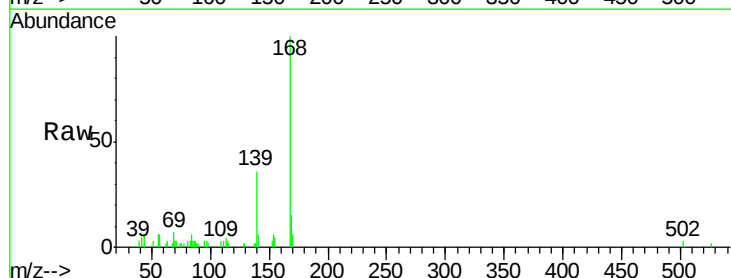
Tgt Ion:168 Resp: 18796

Ion Ratio Lower Upper

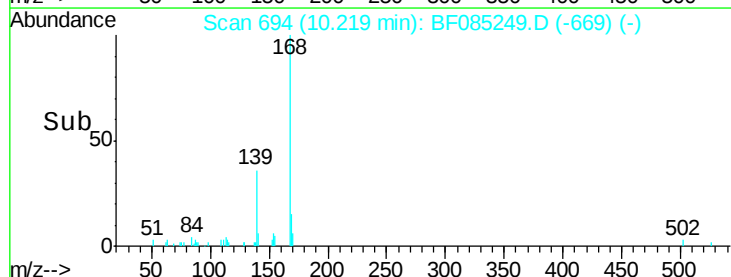
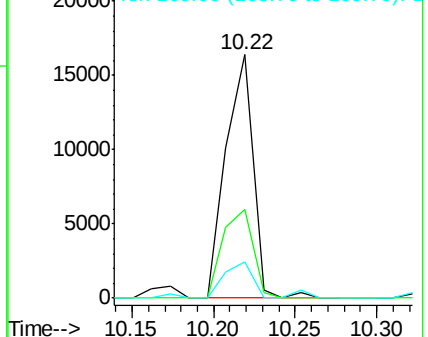
168 100

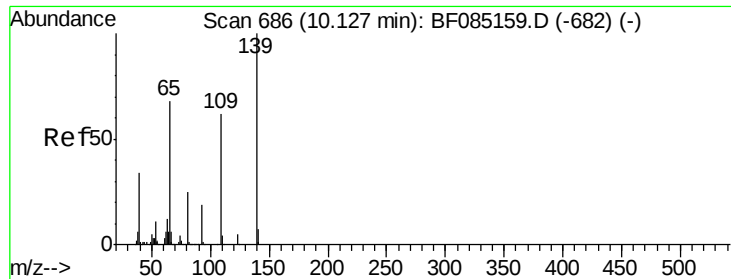
139 36.5 33.6 50.4

169 14.7 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





#55

4-Nitrophenol

Concen: 12.85 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.09 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

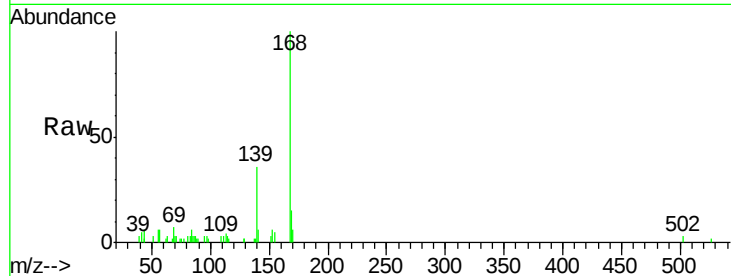
Tgt Ion:139 Resp: 7602

Ion Ratio Lower Upper

139 100

109 7.1 41.9 81.9#

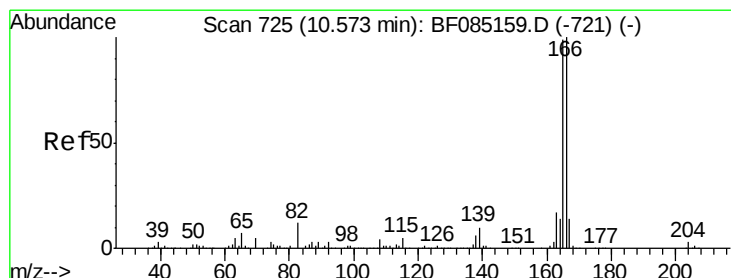
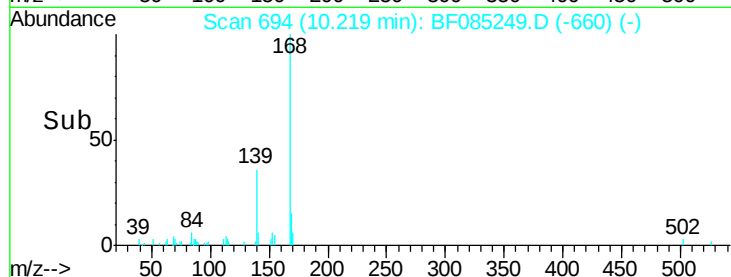
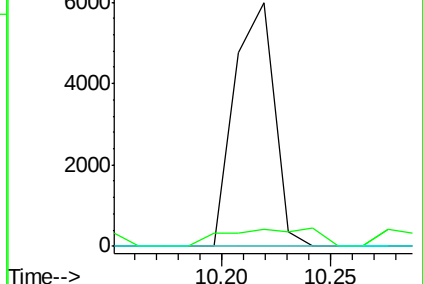
65 0.0 48.3 88.3#



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: 7.51 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

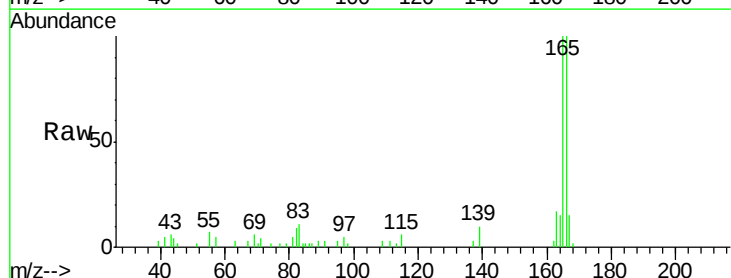
Tgt Ion:166 Resp: 18233

Ion Ratio Lower Upper

166 100

165 100.2 79.4 119.0

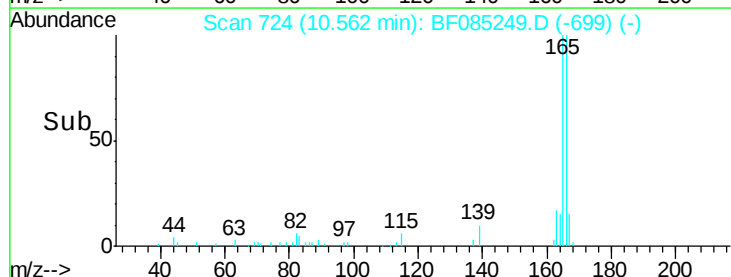
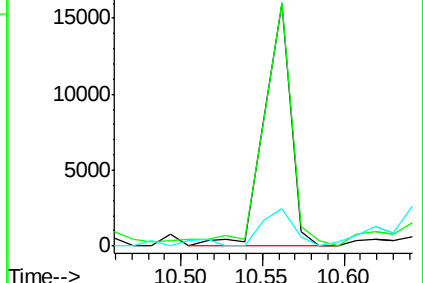
167 15.5 11.0 16.6

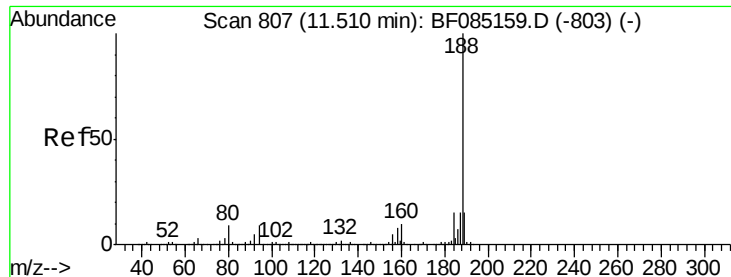


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

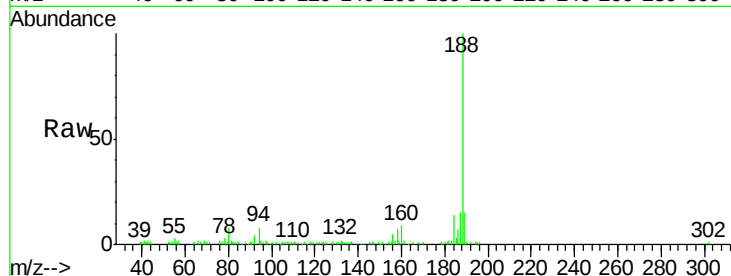




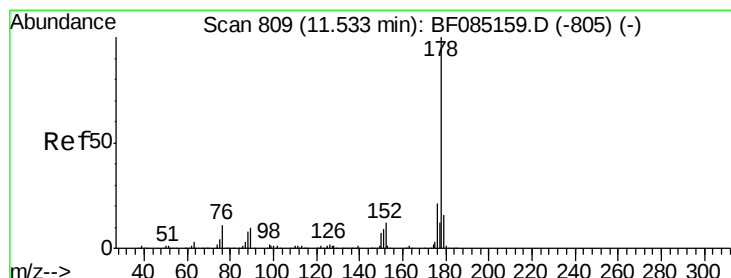
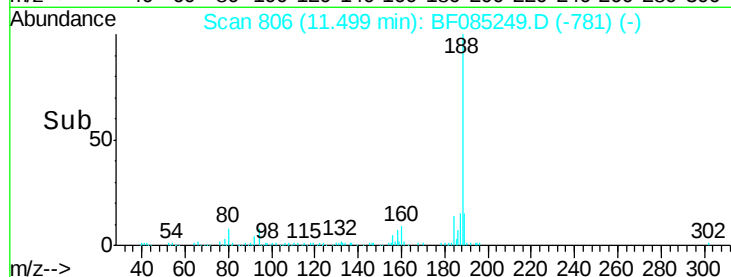
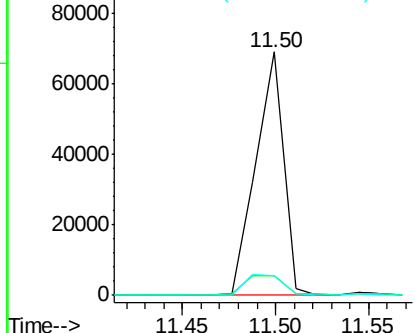
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SP-005(0-2)

Tgt Ion:188 Resp: 70856
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 7.9 7.4 11.0

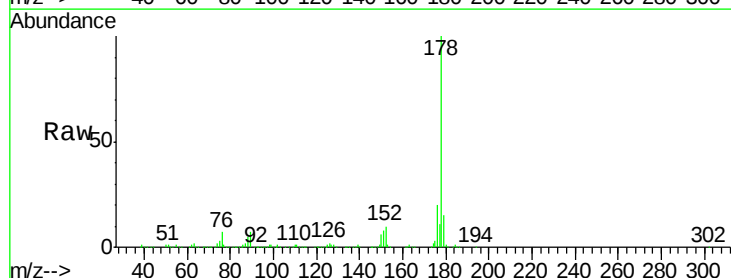


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

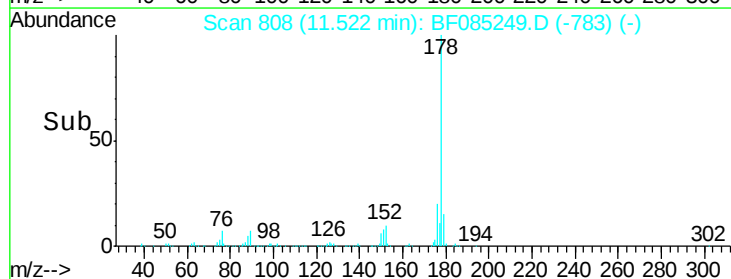
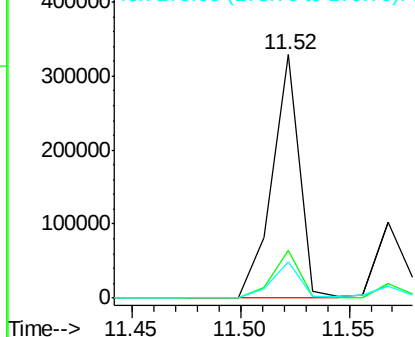


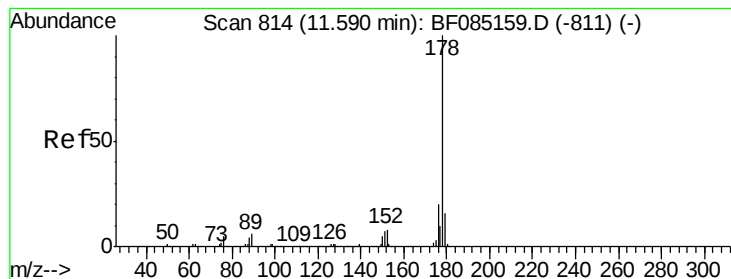
#70
Phenanthrene
Concen: 77.95 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

Tgt Ion:178 Resp: 289457
Ion Ratio Lower Upper
178 100
176 19.7 16.8 25.2
179 15.0 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: 23.99 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

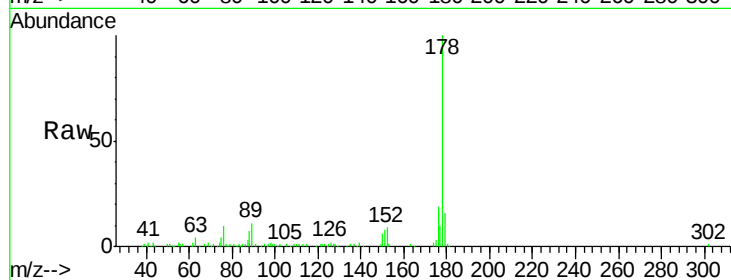
Tgt Ion:178 Resp: 94569

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

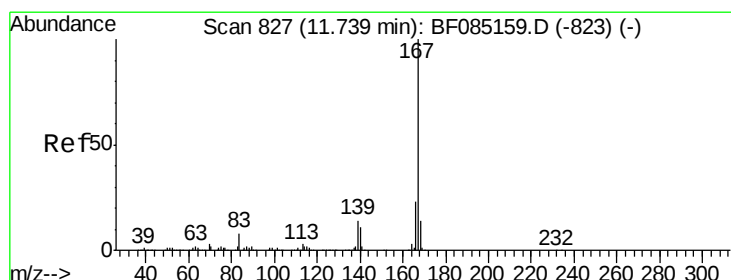
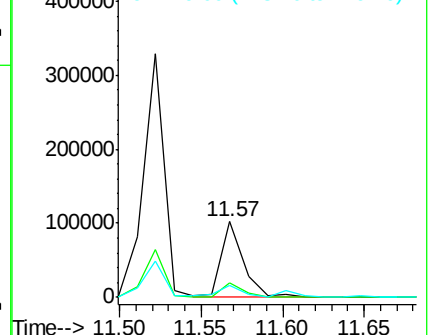
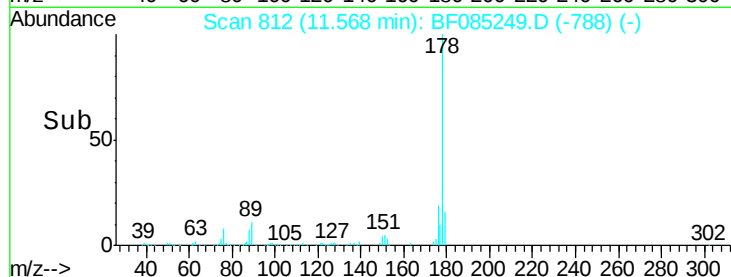
179 15.7 12.5 18.7



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: 10.15 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

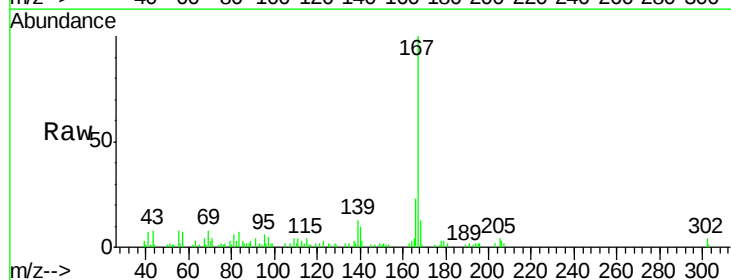
Tgt Ion:167 Resp: 35100

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

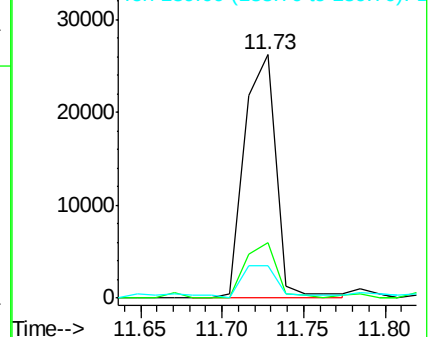
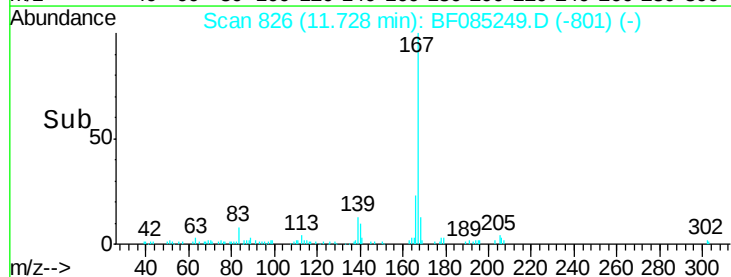
139 13.1 11.4 17.0

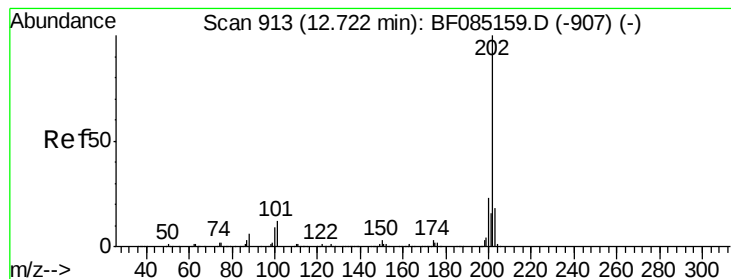


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 126.42 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

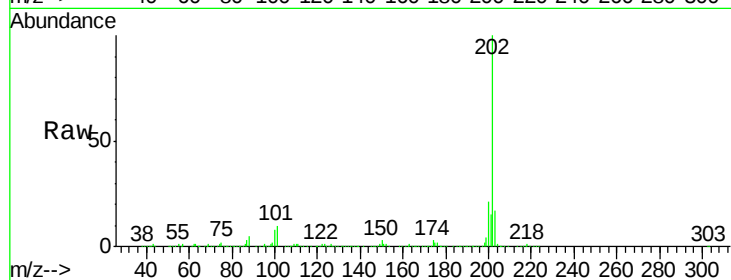
Tgt Ion:202 Resp: 471096

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.8

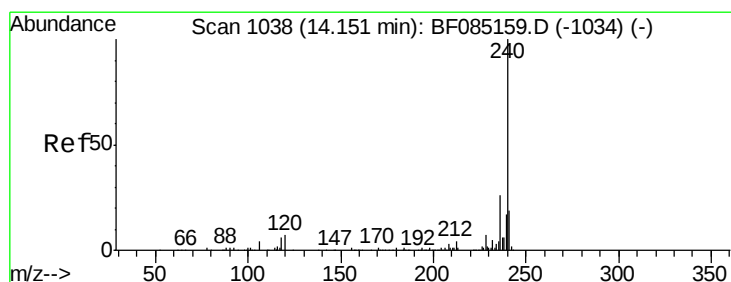
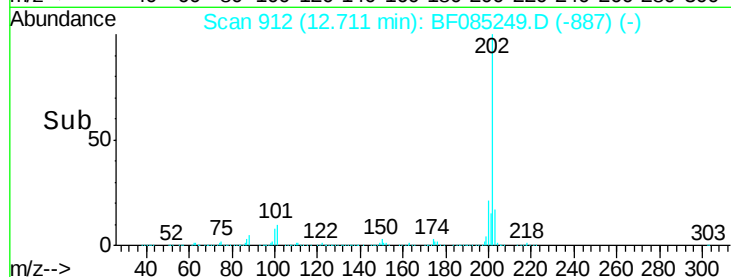
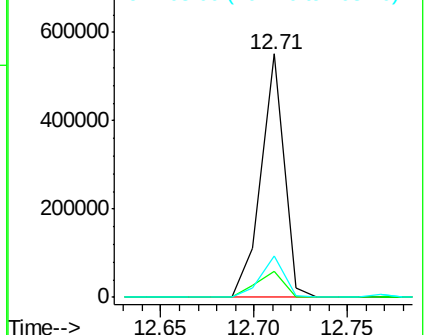
203 17.1 0.0 38.4



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

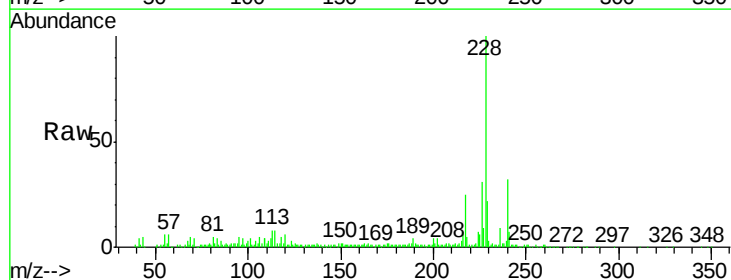
Tgt Ion:240 Resp: 50683

Ion Ratio Lower Upper

240 100

120 19.8 5.3 7.9#

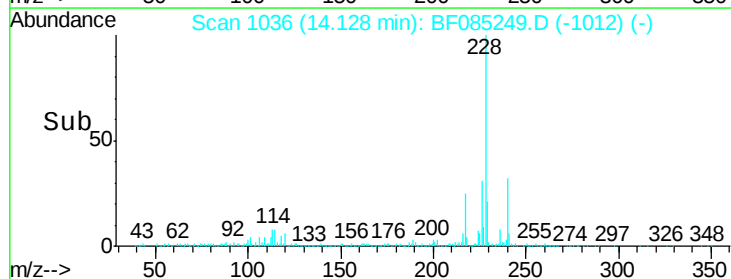
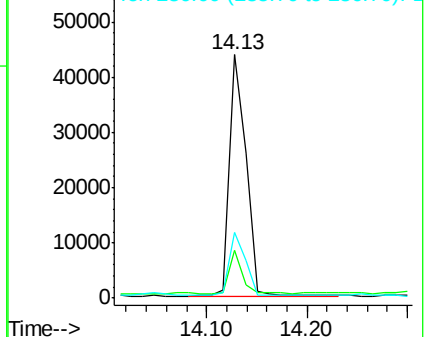
236 27.0 20.7 31.1

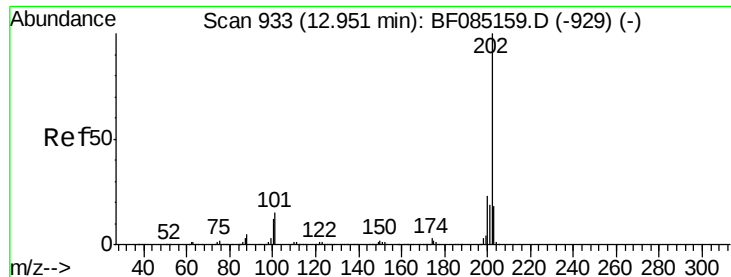


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 111.69 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

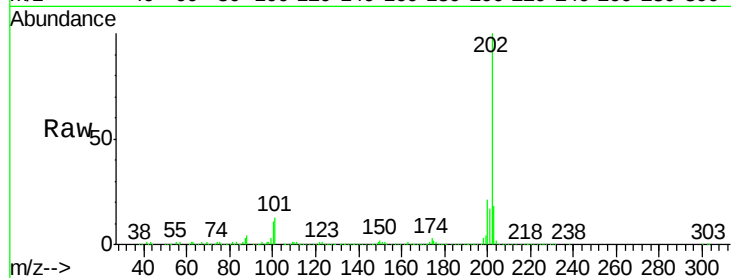
Tgt Ion:202 Resp: 426072

Ion Ratio Lower Upper

202 100

200 21.2 18.2 27.4

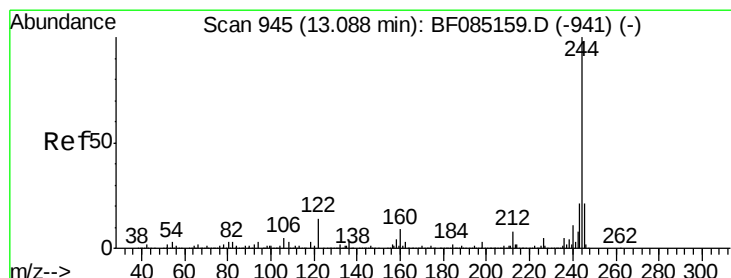
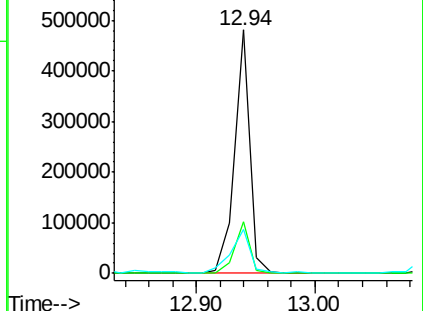
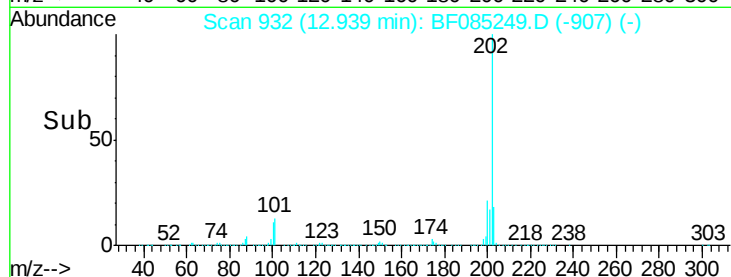
203 17.8 14.7 22.1



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: 74.00 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

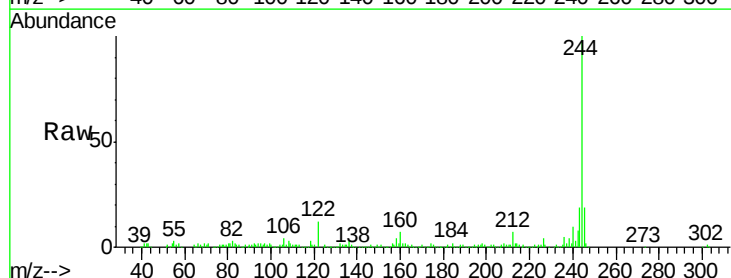
Tgt Ion:244 Resp: 161556

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

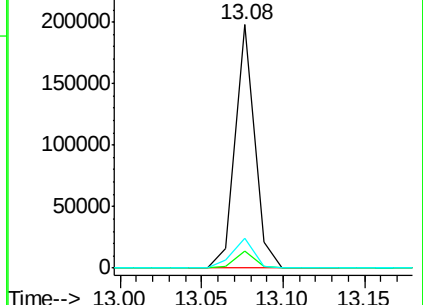
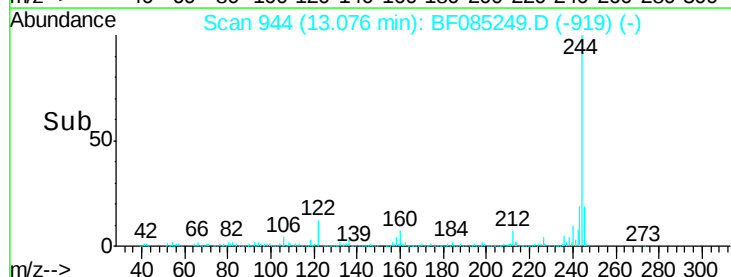
122 12.4 11.4 17.2

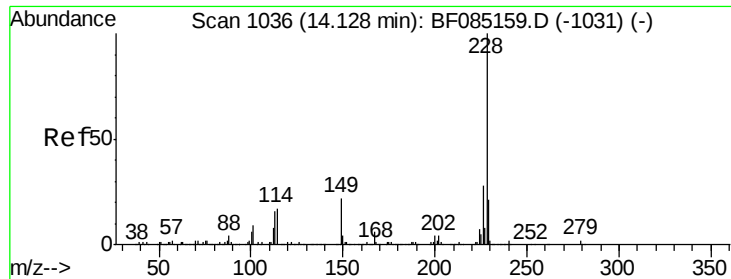


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 74.94 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

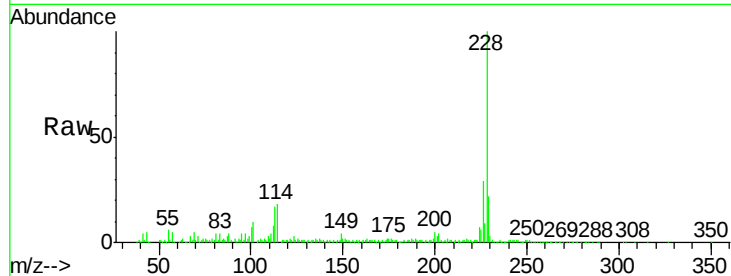
Tgt Ion:228 Resp: 227374

Ion Ratio Lower Upper

228 100

226 29.3 22.8 34.2

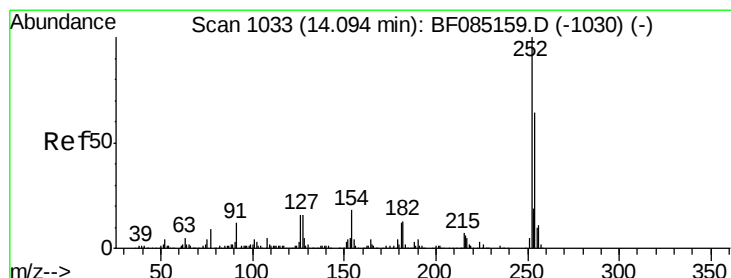
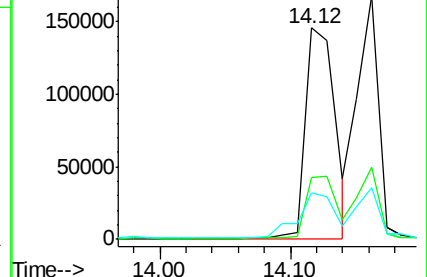
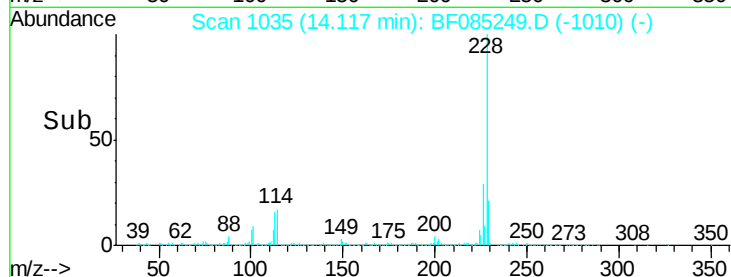
229 21.8 16.6 24.8



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



#81

3,3'-Dichlorobenzidine

Concen: 2.69 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

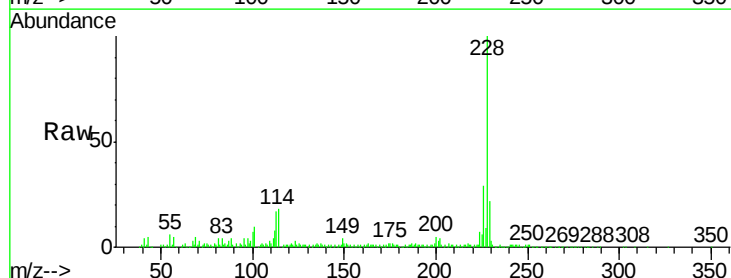
Tgt Ion:252 Resp: 2574

Ion Ratio Lower Upper

252 100

254 66.8 51.4 77.0

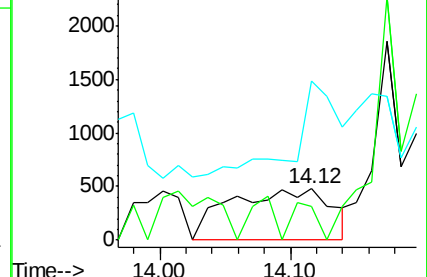
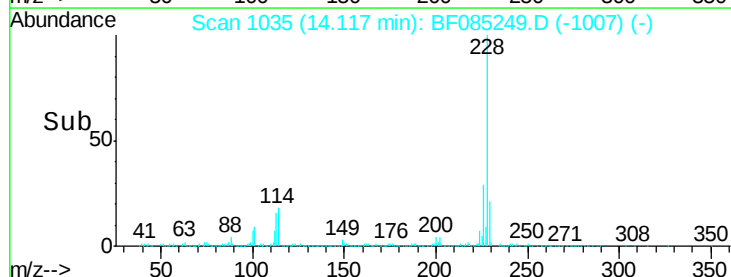
126 309.4 12.9 19.3#

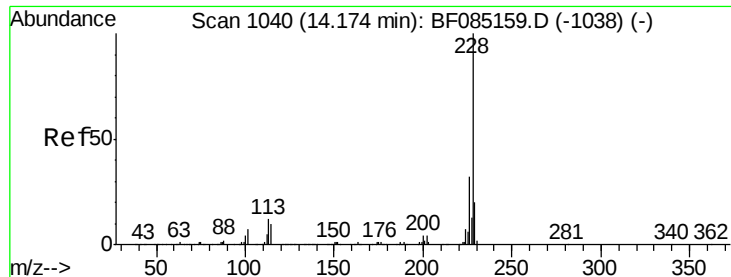


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 66.66 ng

RT: 14.16 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

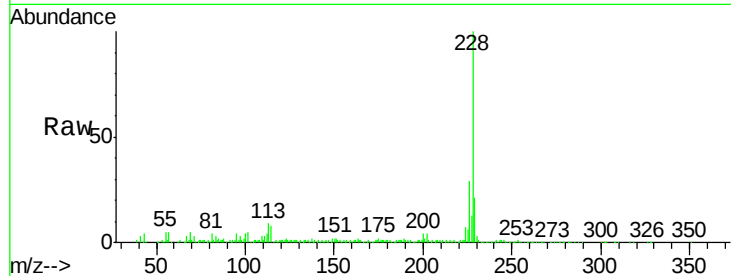
Tgt Ion:228 Resp: 186850

Ion Ratio Lower Upper

228 100

226 29.4 25.2 37.8

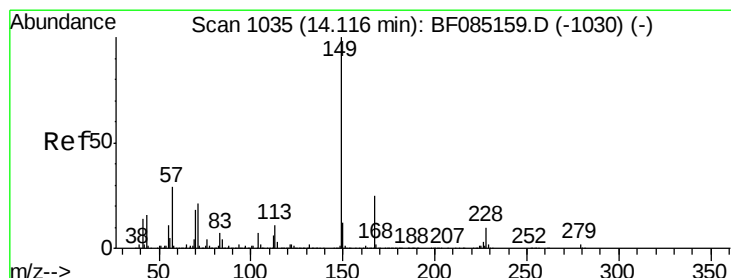
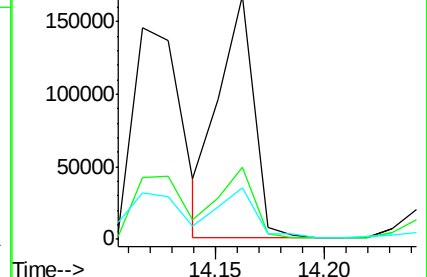
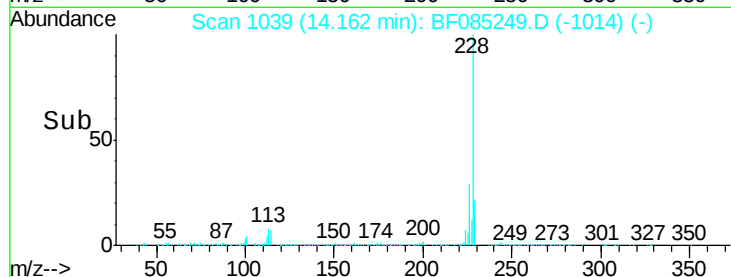
229 21.3 16.0 24.0



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: 3.31 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

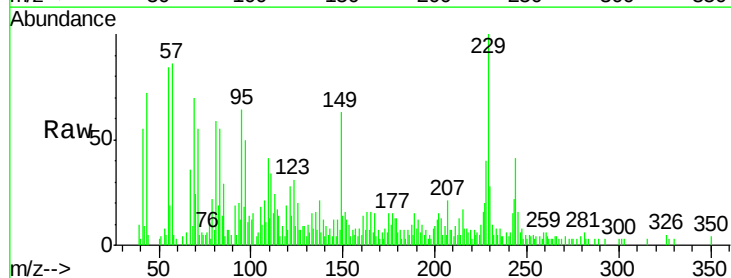
Tgt Ion:149 Resp: 7534

Ion Ratio Lower Upper

149 100

167 24.1 20.3 30.5

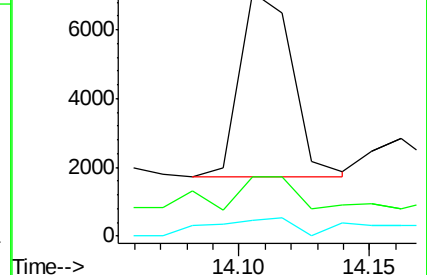
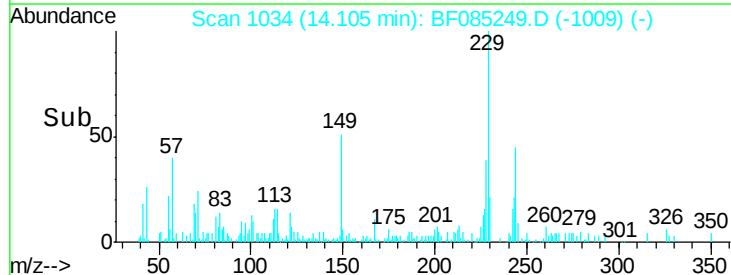
279 6.6 1.9 2.9#

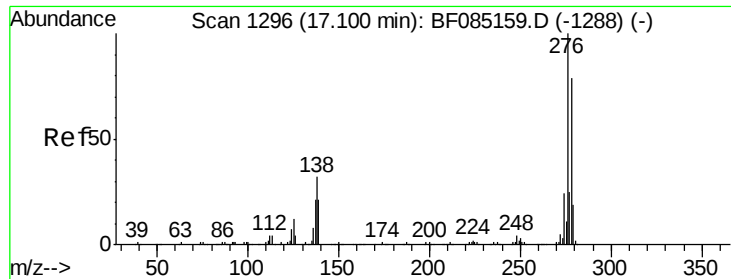


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

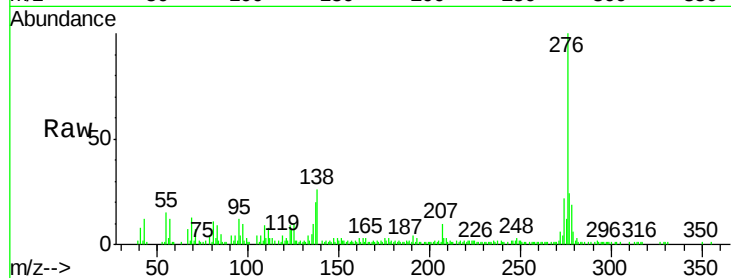




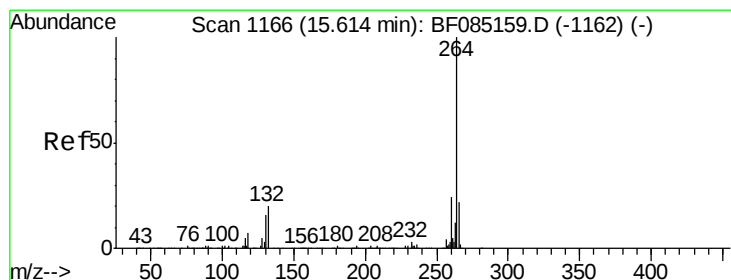
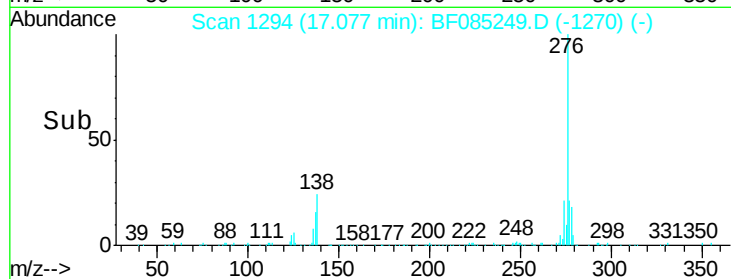
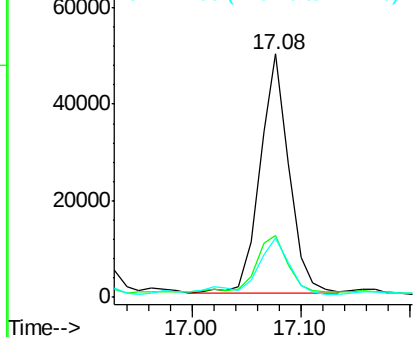
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.92 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SP-005(0-2)

Tgt Ion:276 Resp: 91695
Ion Ratio Lower Upper
276 100
138 27.3 26.4 39.6
277 28.9 20.2 30.2

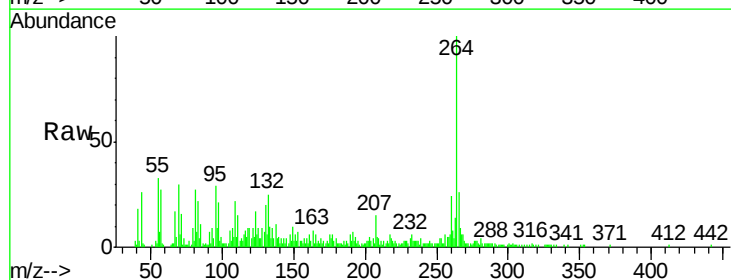


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

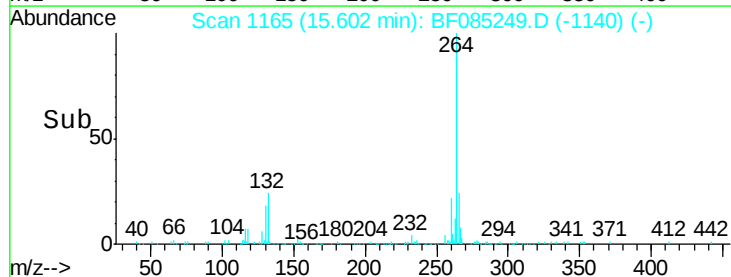
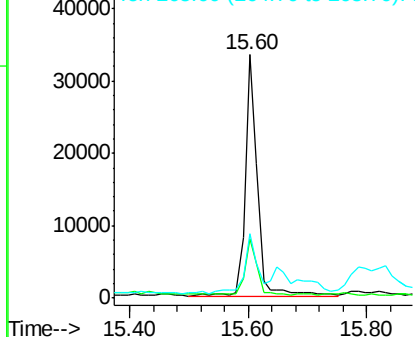


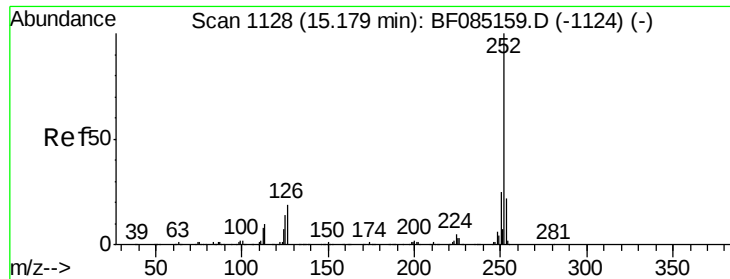
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085249.D
Acq: 5 Mar 2016 12:48

Tgt Ion:264 Resp: 46864
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 26.4 17.3 25.9#



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: 109.87 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

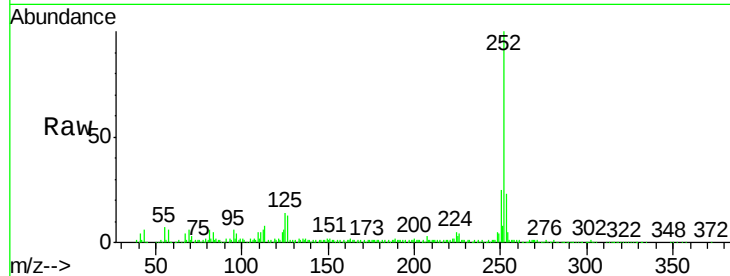
Instrument :

BNA_F

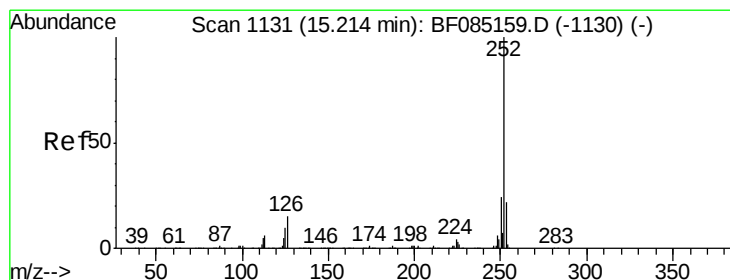
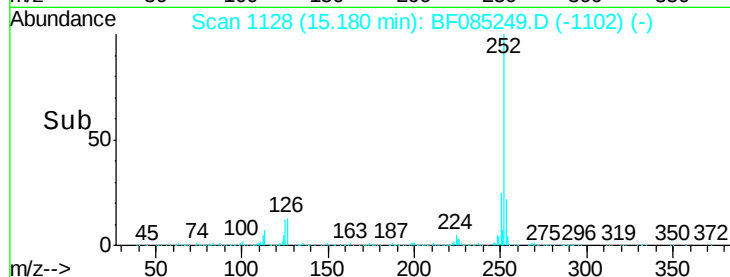
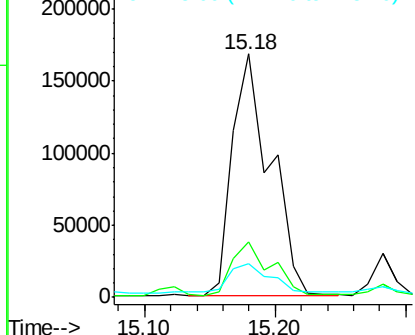
ClientSampleId :

SP-005(0-2)

Tgt Ion:	252	Resp:	343187
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	14.0	11.3	16.9



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: 136.21 ng

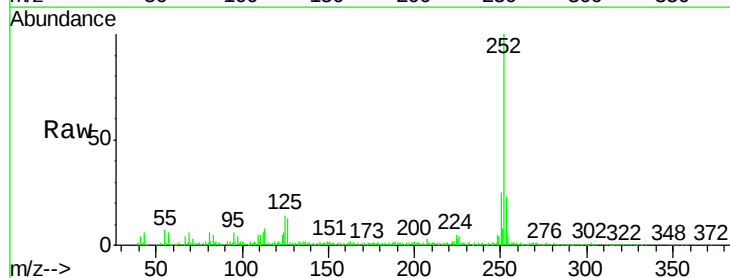
RT: 15.18 min Scan# 1128

Delta R.T. -0.03 min

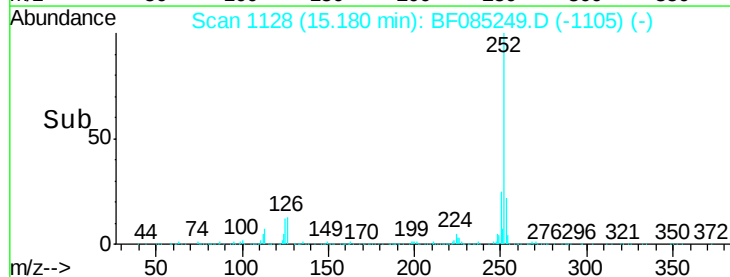
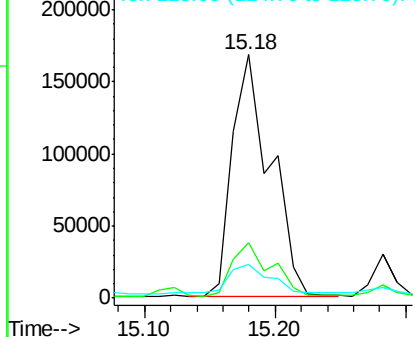
Lab File: BF085249.D

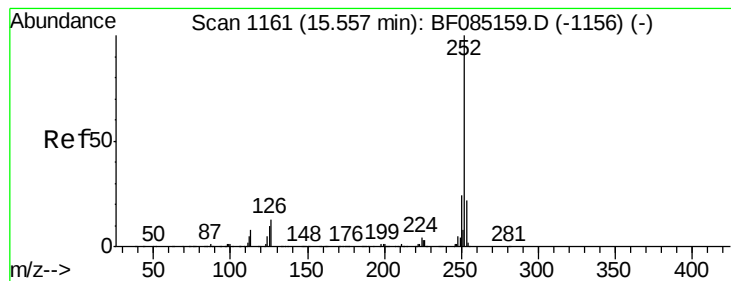
Acq: 5 Mar 2016 12:48

Tgt Ion:	252	Resp:	343187
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	14.0	10.4	15.6



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: 57.90 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

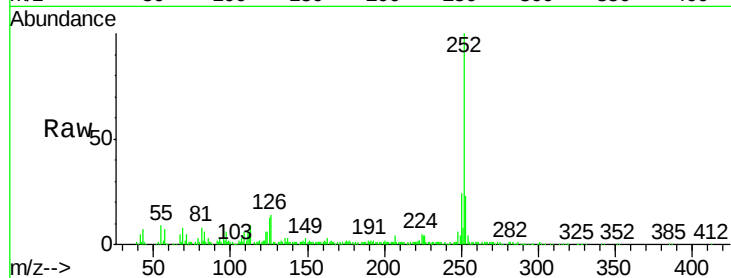
Tgt Ion:252 Resp: 149884

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

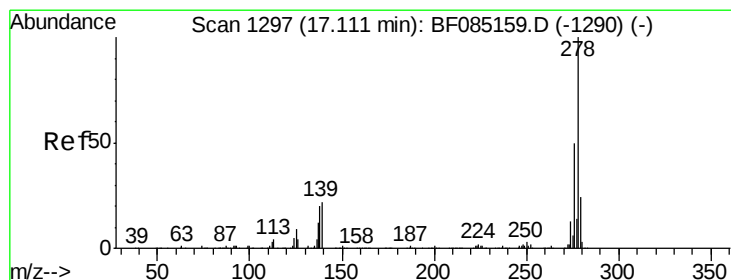
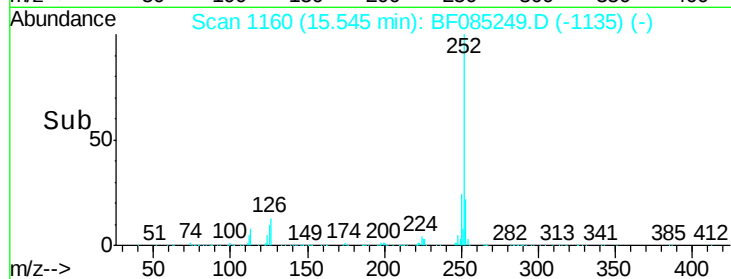
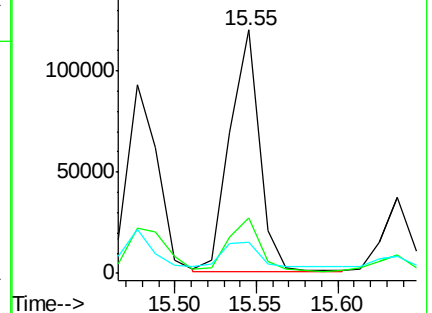
125 12.8 8.2 12.4#



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: 9.97 ng

RT: 17.09 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

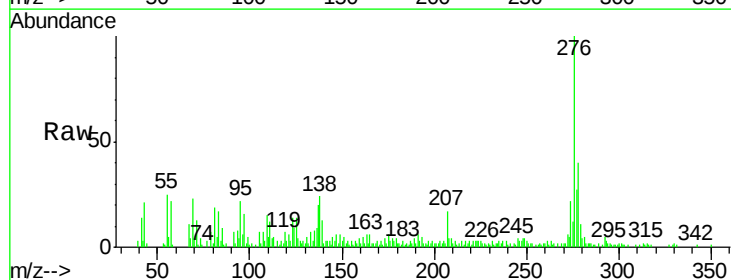
Tgt Ion:278 Resp: 22026

Ion Ratio Lower Upper

278 100

139 32.2 17.3 25.9#

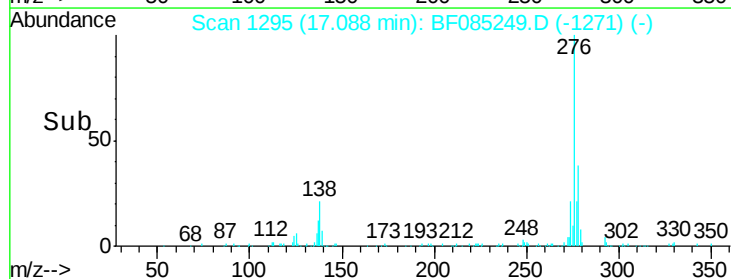
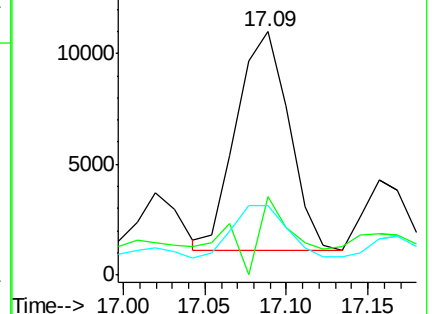
279 28.4 19.2 28.8

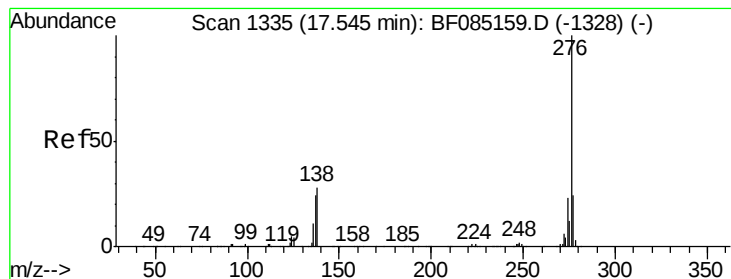


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.38 ng

RT: 17.52 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF085249.D

Acq: 5 Mar 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SP-005(0-2)

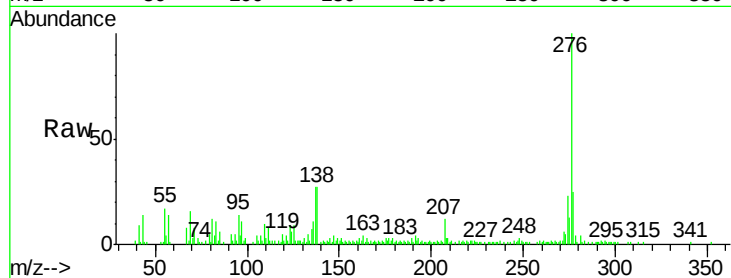
Tgt Ion: 276 Resp: 83054

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 27.4 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

