

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085346.D
 Acq On : 10 Mar 2016 21:26
 Operator : UM/SJ
 Sample : H1753-25
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 23:56:47 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	6.94	152	163900	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	600246	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	221884	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	353764	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	263891	20.00	ng	-0.05
86) Perylene-d12	15.57	264	261143	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	949352	97.16	ng	-0.03
7) Phenol-d6	6.56	99	1316677	102.85	ng	-0.05
23) Nitrobenzene-d5	7.50	82	728044	64.91	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	212717	112.04	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1160258	79.53	ng	-0.05
78) Terphenyl-d14	13.05	244	754022	66.33	ng	-0.03

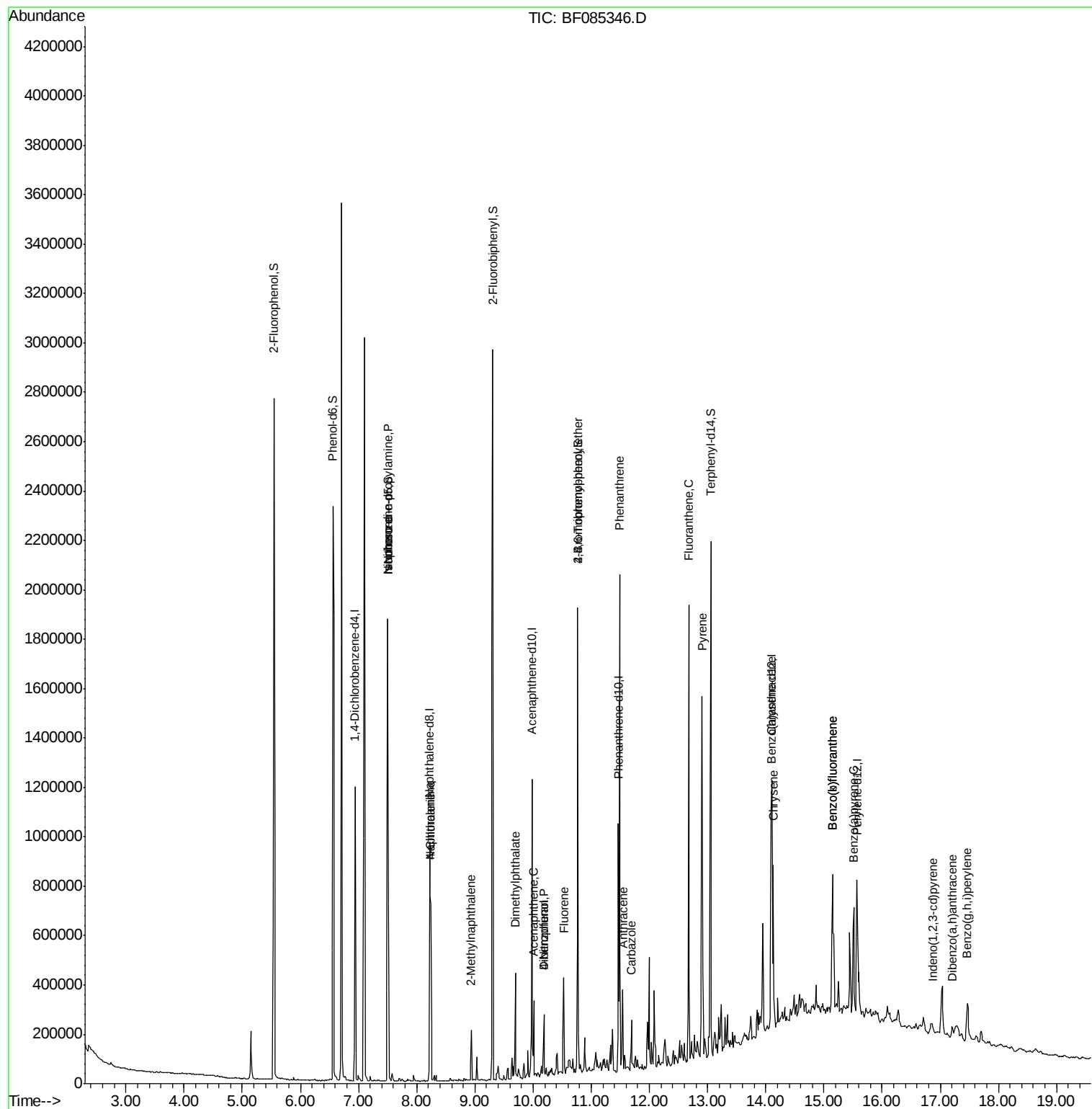
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	94145	11.28	ng	# 78
25) Isophorone	7.50	82	639052	30.74	ng	# 67
31) Naphthalene	8.24	128	328504	11.13	ng	# 98
33) 4-Chloroaniline	8.24	127	42933	3.60	ng	# 30
37) 2-Methylnaphthalene	8.94	142	59800	3.16	ng	# 98
49) Dimethylphthalate	9.69	163	169923	9.98	ng	# 99
51) Acenaphthene	10.01	154	67369	4.93	ng	# 96
54) Dibenzofuran	10.18	168	103655	5.79	ng	# 92
55) 4-Nitrophenol	10.18	139	39450	11.52	ng	# 20
57) Fluorene	10.53	166	115465	8.22	ng	# 98
66) 4-Bromophenyl-phenylether	10.77	248	15369	4.47	ng	# 1
70) Phenanthrene	11.49	178	756979	40.83	ng	# 98
71) Anthracene	11.54	178	200743	10.20	ng	# 96
72) Carbazole	11.69	167	79606	4.61	ng	# 98
74) Fluoranthene	12.68	202	701093	37.68	ng	# 98
77) Pyrene	12.90	202	609144	30.67	ng	# 98
80) Benzo(a)anthracene	14.09	228	329044	20.83	ng	# 99
82) Chrysene	14.13	228	206640	14.16	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.87	276	25678	2.25	ng	# 94
87) Benzo(b)fluoranthene	15.15	252	438091	25.17	ng	# 99
88) Benzo(k)fluoranthene	15.15	252	438091	31.20	ng	# 99
89) Benzo(a)pyrene	15.51	252	244267	16.93	ng	# 97
90) Dibenzo(a,h)anthracene	17.20	278	30291	2.46	ng	# 92
91) Benzo(g,h,i)perylene	17.47	276	129060	10.42	ng	# 99

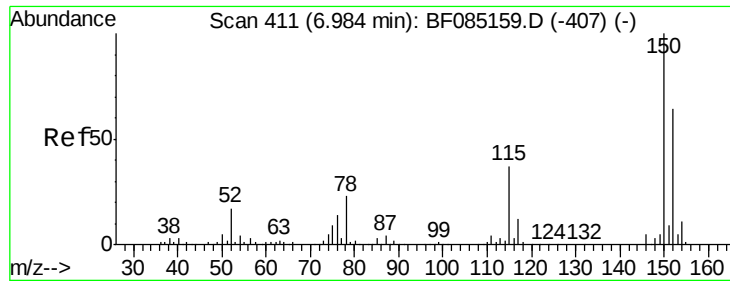
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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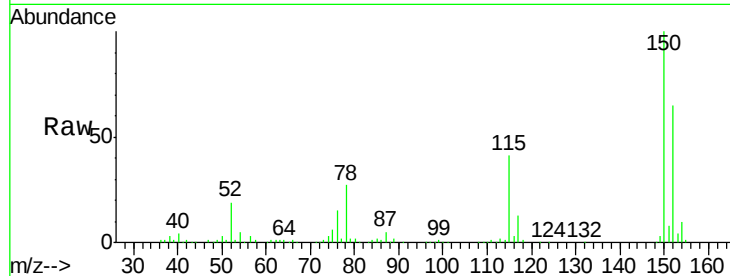


#1

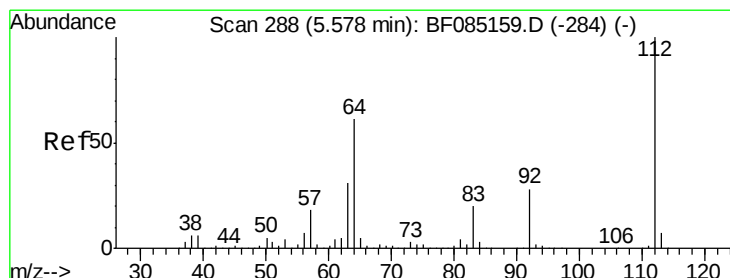
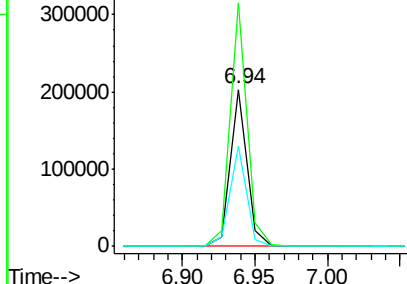
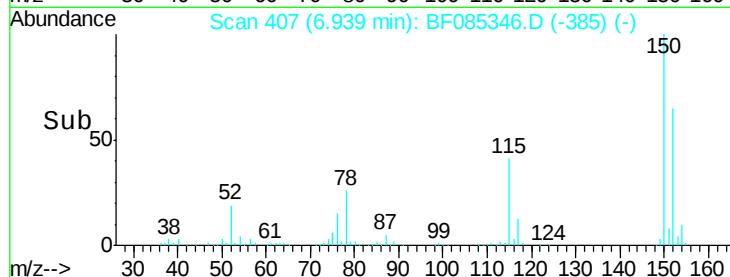
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163900
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 64.0 46.6 70.0



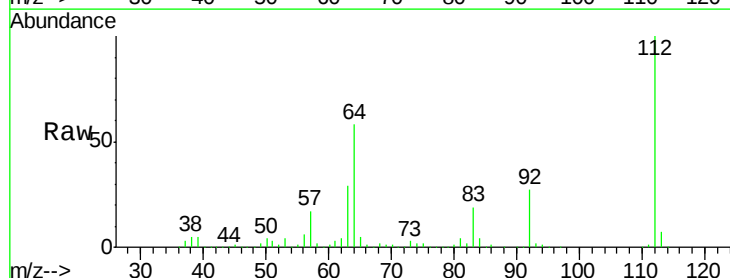
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



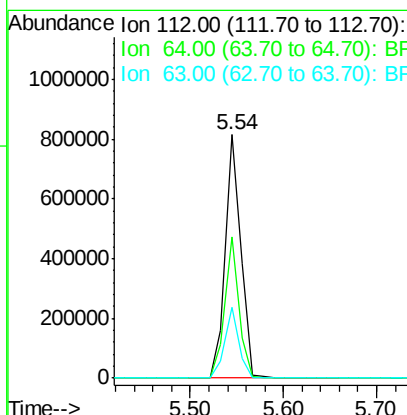
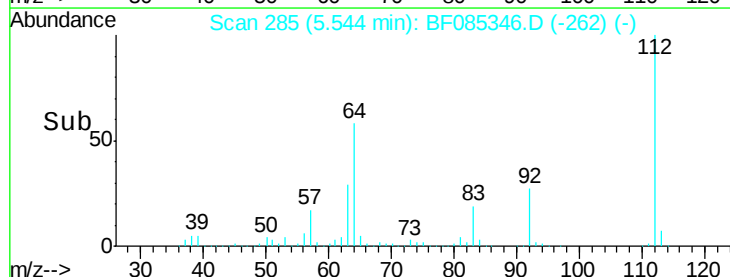
#5

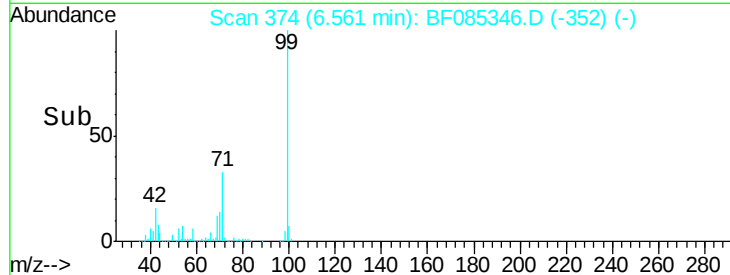
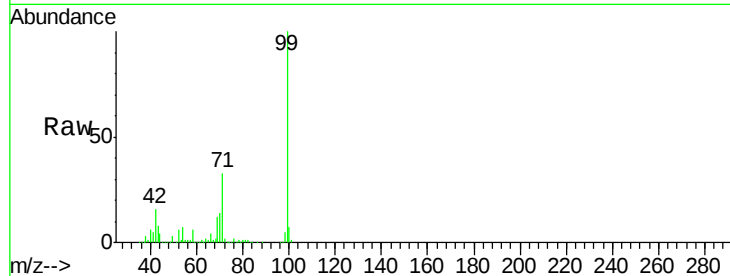
2-Fluorophenol
Concen: 97.16 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Tgt Ion:112 Resp: 949352
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 29.1 24.8 37.2



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





#7

Phenol-d6

Concen: 102.85 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

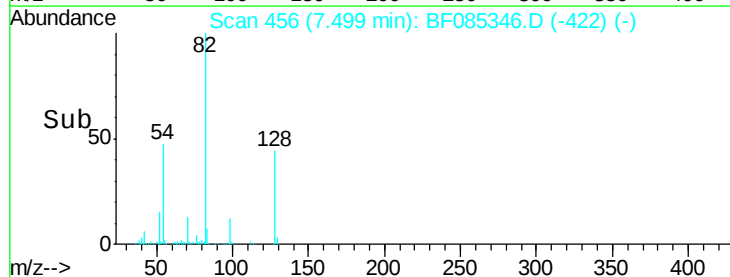
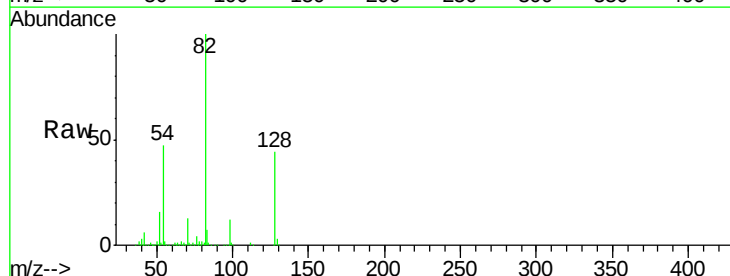
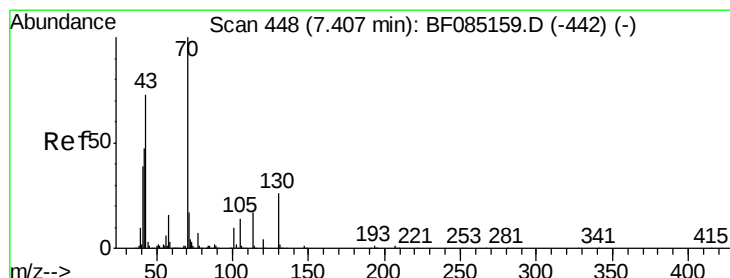
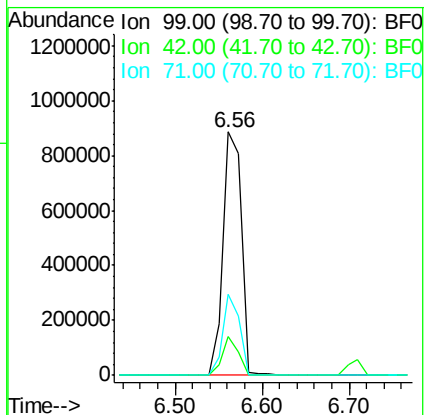
Tot Ion: 99 Resp: 131677

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

71 33.5 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.28 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Tgt Ion: 70 Resp: 94145

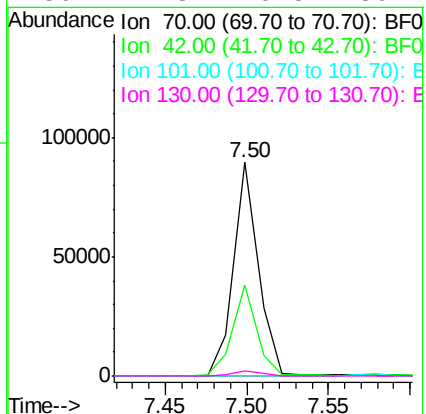
Ion Ratio Lower Upper

70 100

42 42.3 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 600246

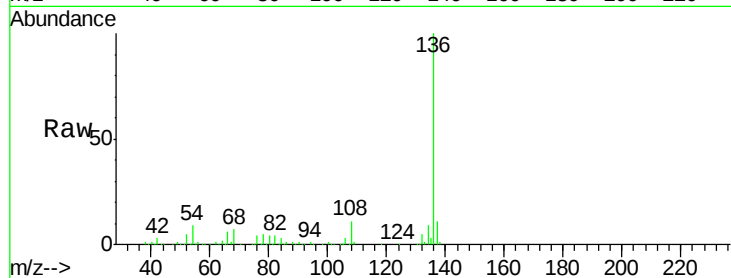
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 9.5 7.4 11.2

68 7.4 6.0 9.0

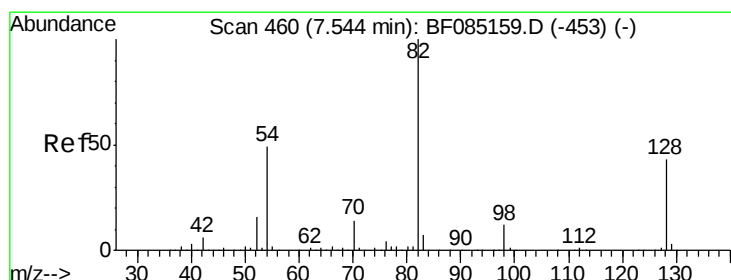
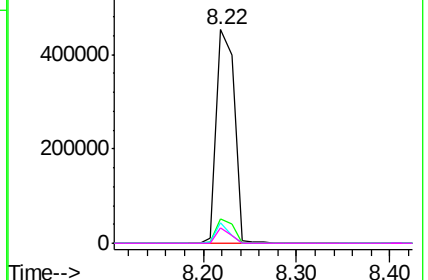
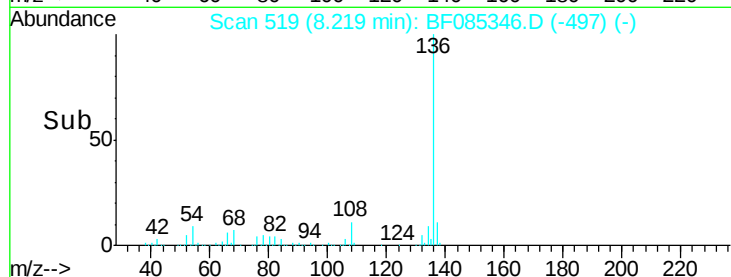


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.91 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

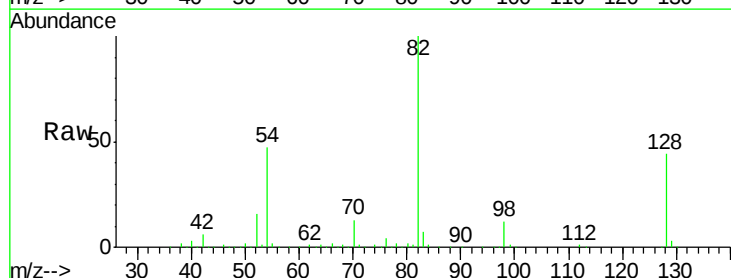
Tgt Ion: 82 Resp: 728044

Ion Ratio Lower Upper

82 100

128 43.8 34.5 51.7

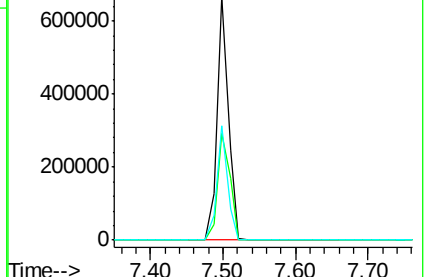
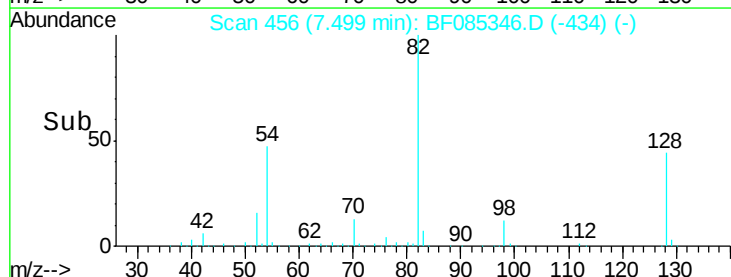
54 47.2 39.3 58.9

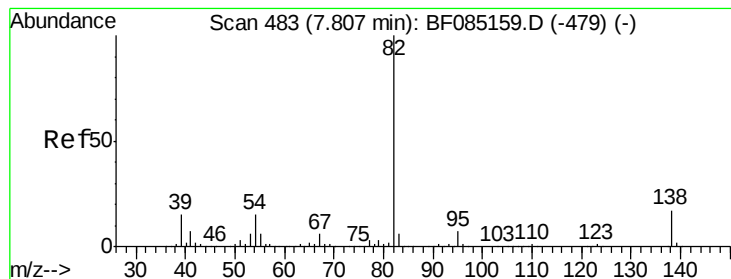


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.74 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

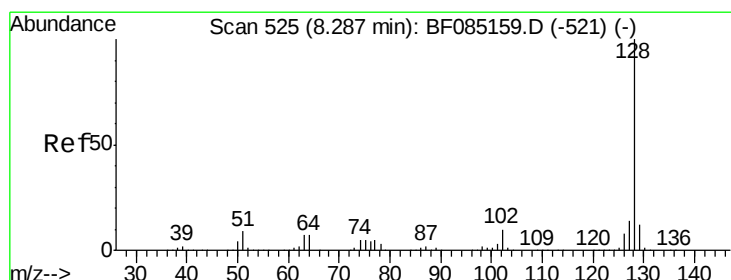
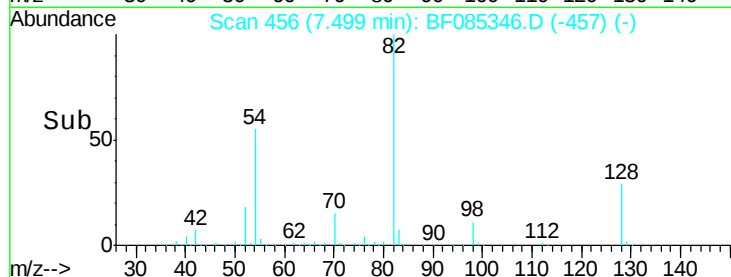
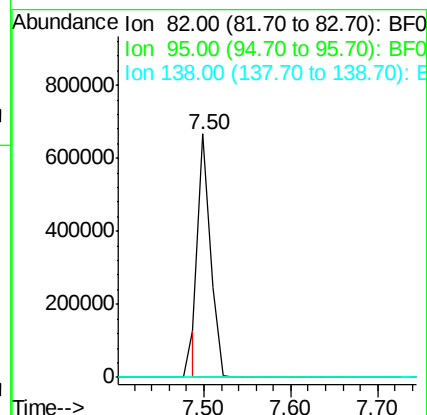
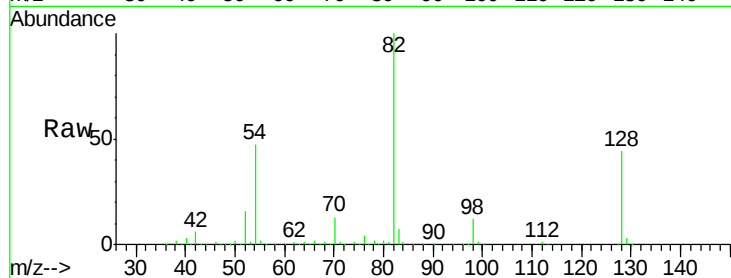
Tot Ion: 82 Resp: 639052

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



#31

Naphthalene

Concen: 11.13 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

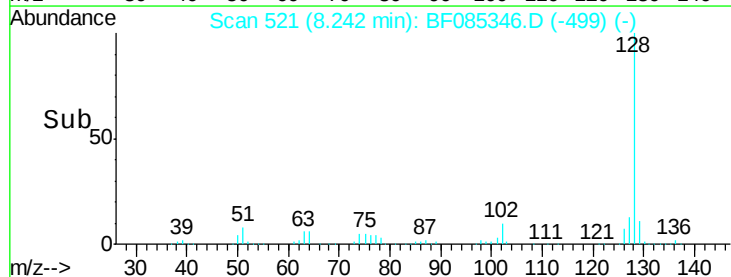
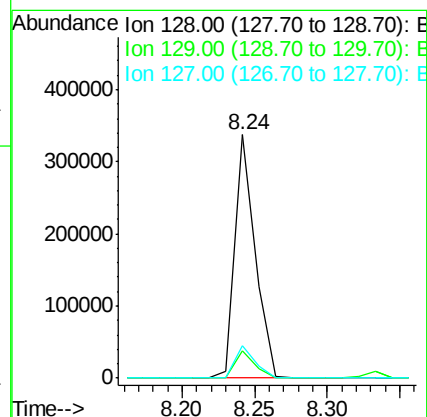
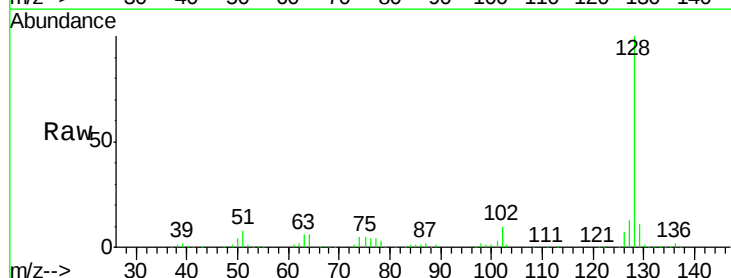
Tgt Ion: 128 Resp: 328504

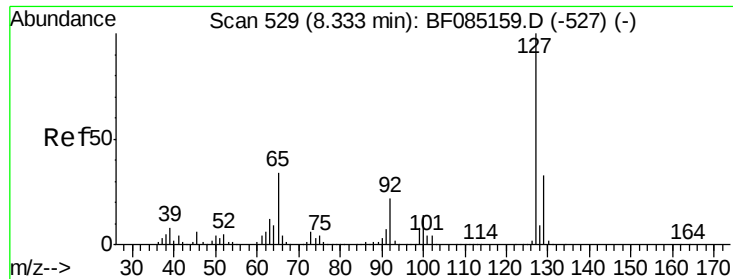
Ion Ratio Lower Upper

128 100

129 11.4 9.7 14.5

127 13.2 11.2 16.8

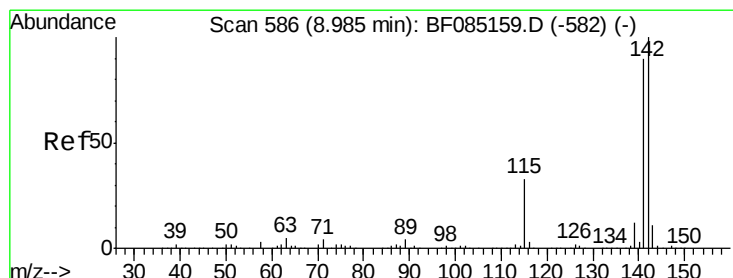
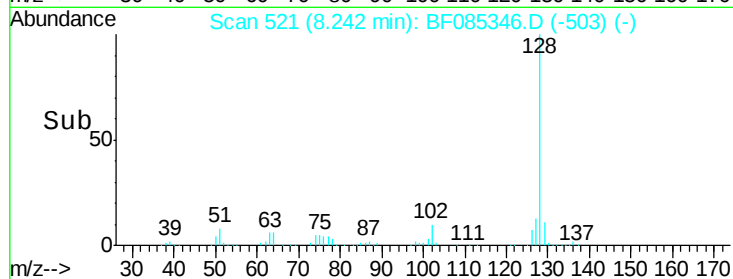
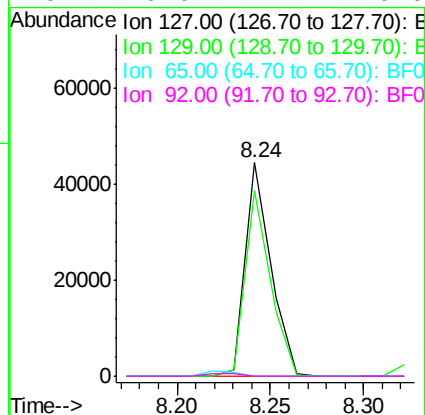
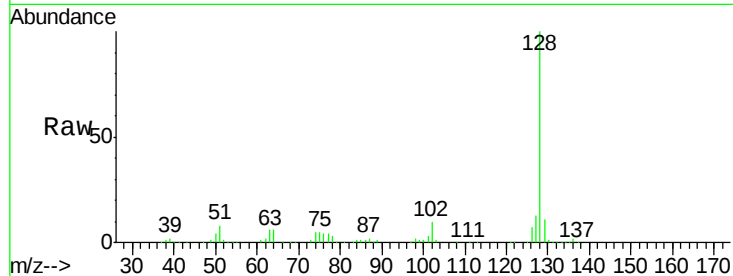




#33
4-Chloroaniline
Concen: 3.60 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.09 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

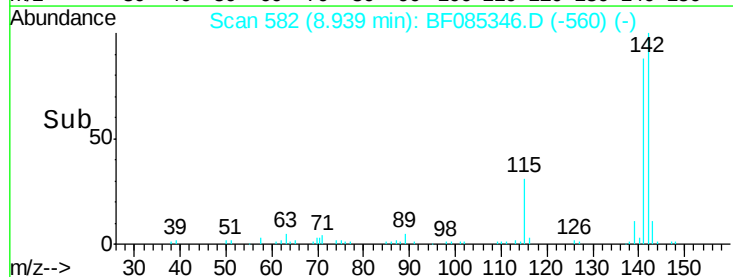
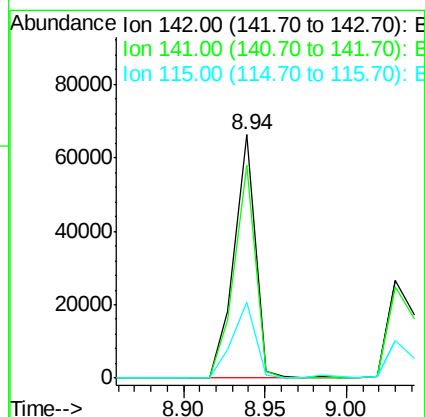
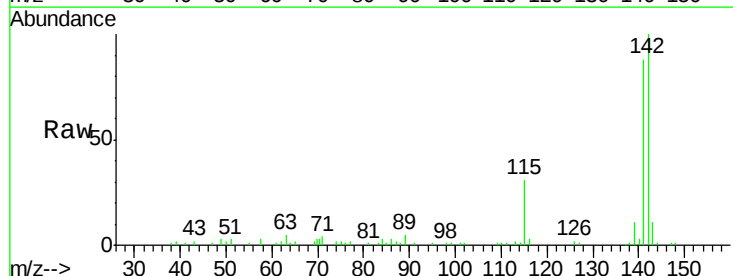
Instrument :
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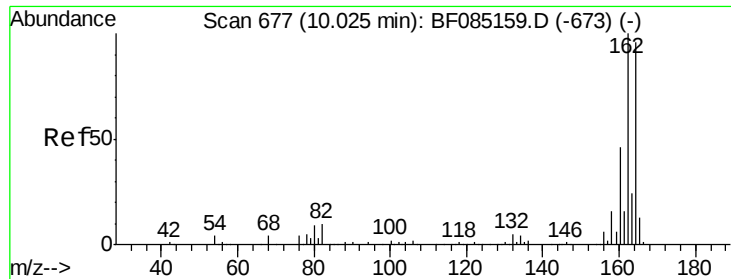
Tot Ion:127 Resp: 42933
Ion Ratio Lower Upper
127 100
129 86.8 26.1 39.1#
65 0.0 27.0 40.6#
92 0.0 17.4 26.0#



#37
2-Methylnaphthalene
Concen: 3.16 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Tgt Ion:142 Resp: 59800
Ion Ratio Lower Upper
142 100
141 87.7 71.7 107.5
115 31.1 26.2 39.4

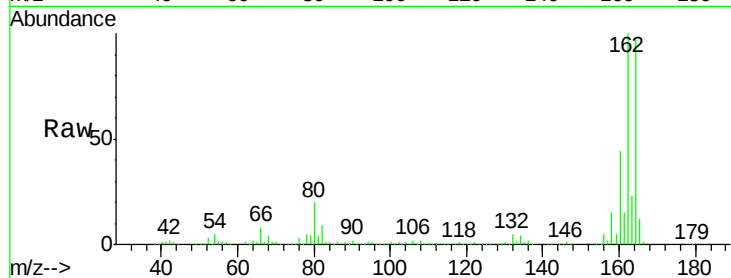




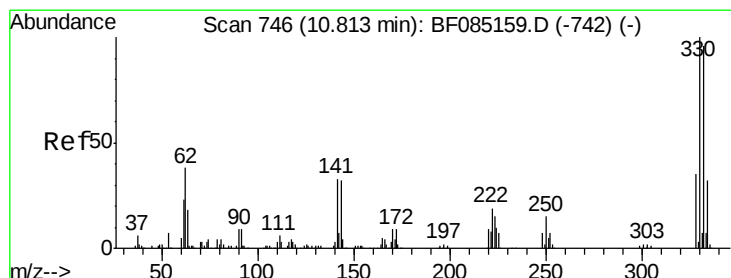
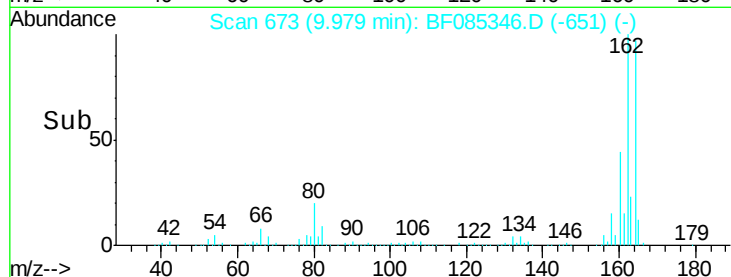
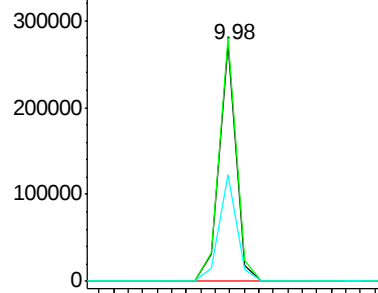
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 221884
Ion Ratio Lower Upper
164 100
162 102.9 83.3 124.9
160 45.3 37.9 56.9

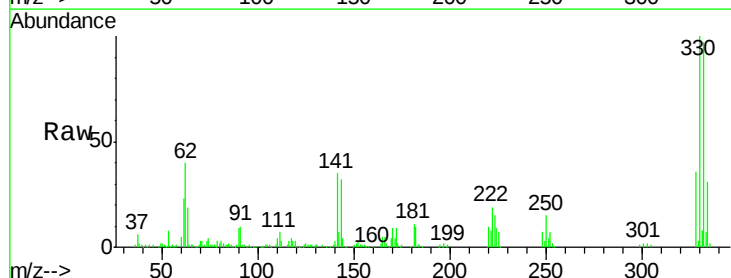


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

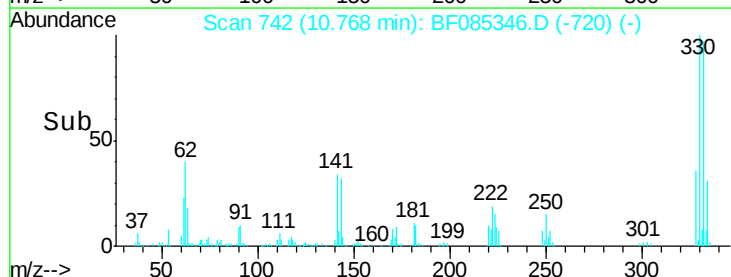
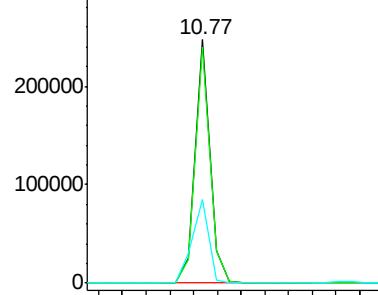


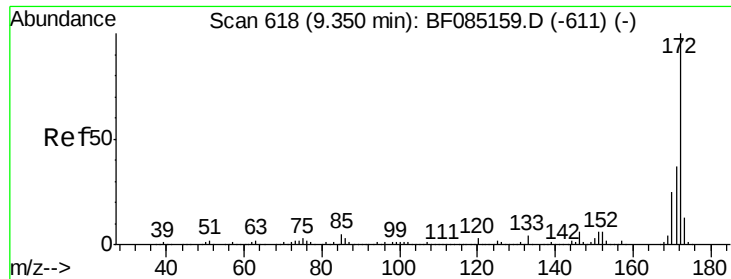
#41
2,4,6-Tribromophenol
Concen: 112.04 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Tgt Ion:330 Resp: 212717
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 38.6 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

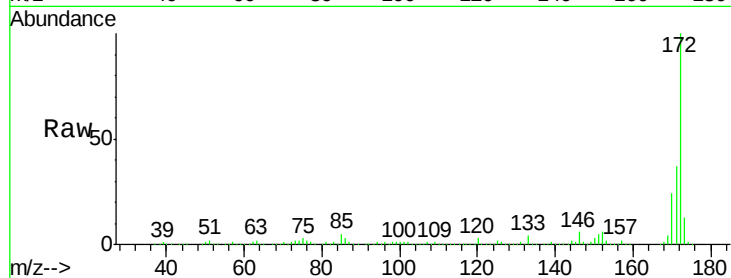




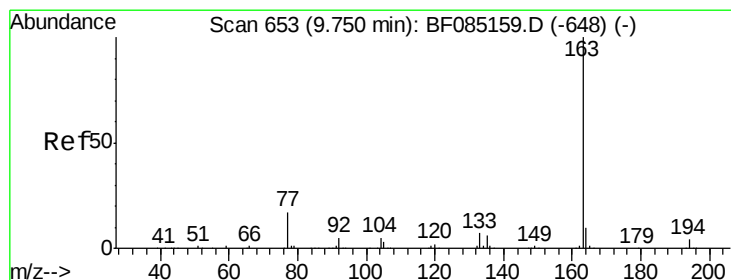
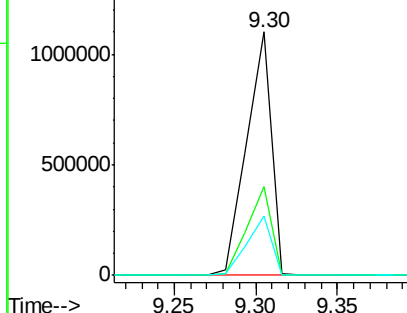
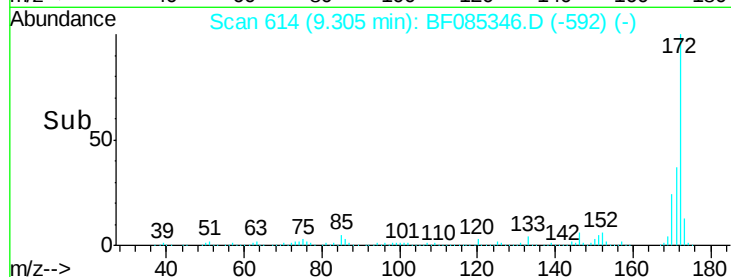
#44
2-Fluorobiphenyl
Concen: 79.53 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1160258
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.2 20.0 30.0

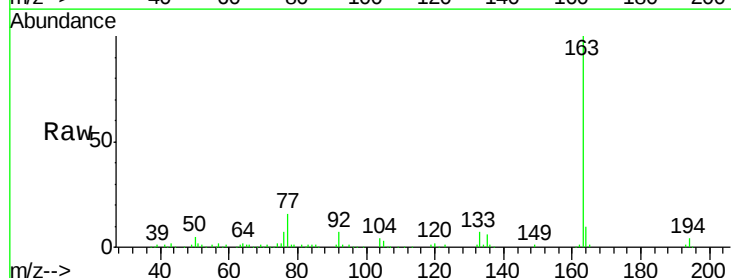


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

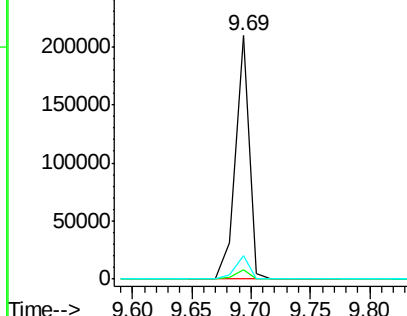
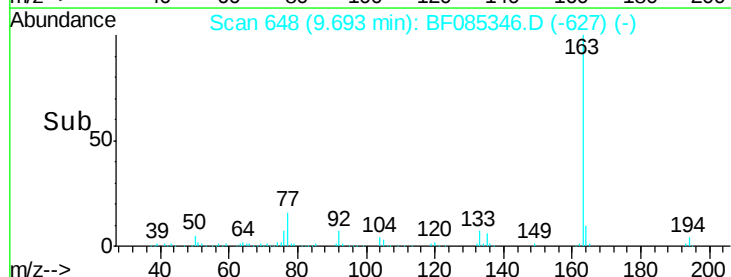


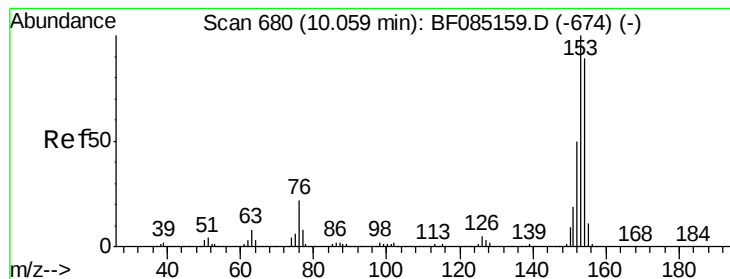
#49
Dimethylphthalate
Concen: 9.98 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Tgt Ion:163 Resp: 169923
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 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: 4.93 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampled :

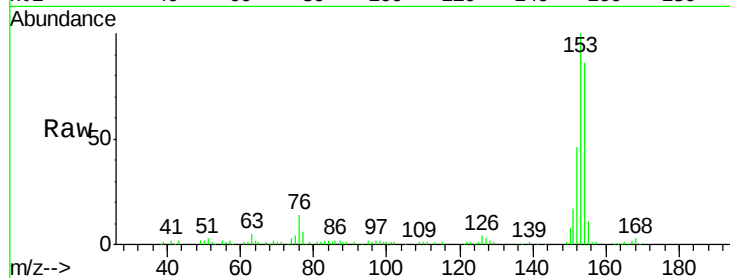
Tot Ion:154 Resp: 67369

Ion Ratio Lower Upper

154 100

153 116.3 89.8 134.8

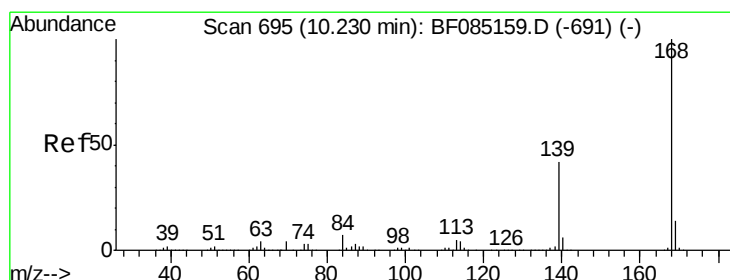
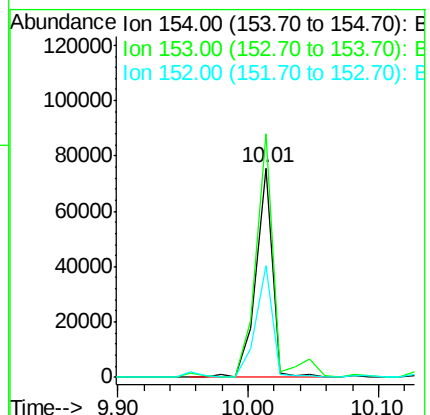
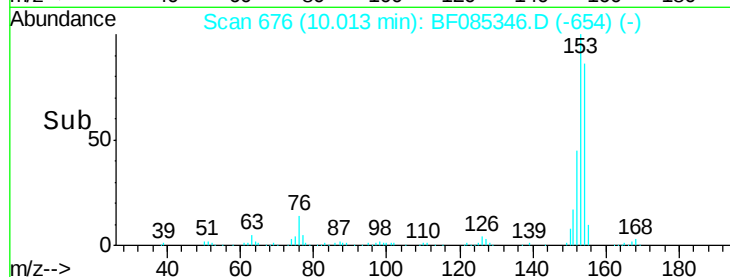
152 53.3 44.6 66.8



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: 5.79 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

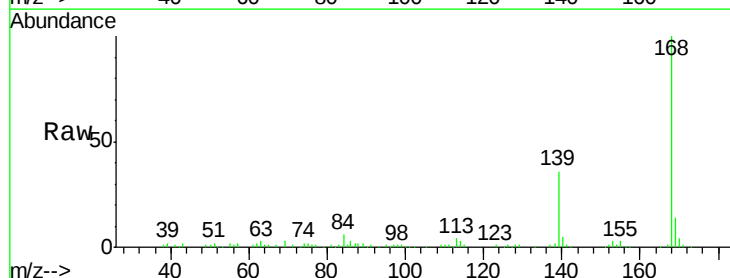
Tgt Ion:168 Resp: 103655

Ion Ratio Lower Upper

168 100

139 35.6 33.6 50.4

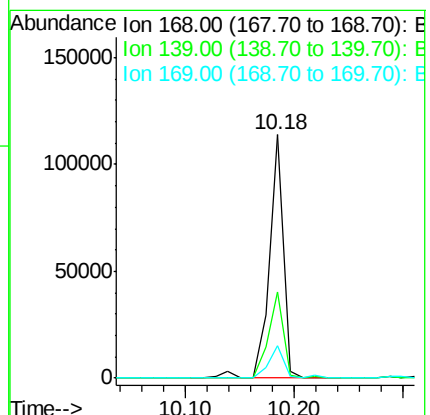
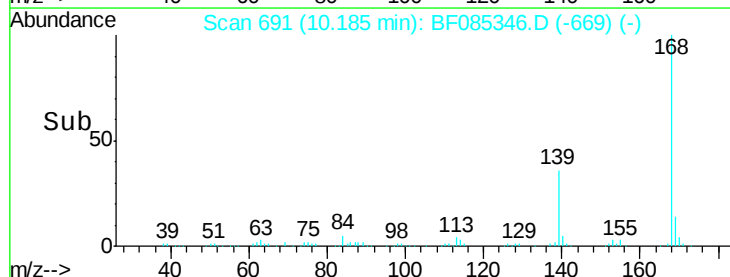
169 13.5 11.2 16.8

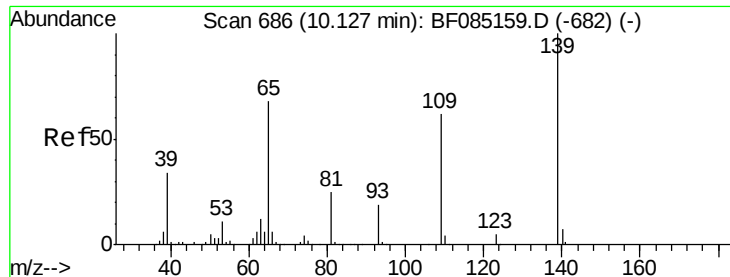


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 11.52 ng

RT: 10.18 min Scan# 691

Delta R.T. 0.06 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampled :

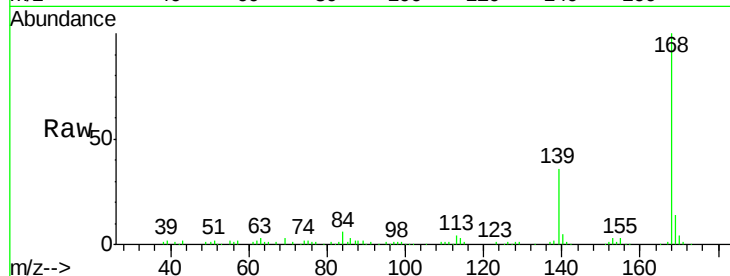
Tot Ion:139 Resp: 39450

Ion Ratio Lower Upper

139 100

109 2.7 41.9 81.9#

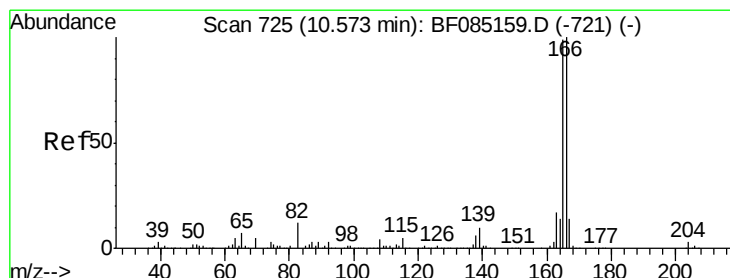
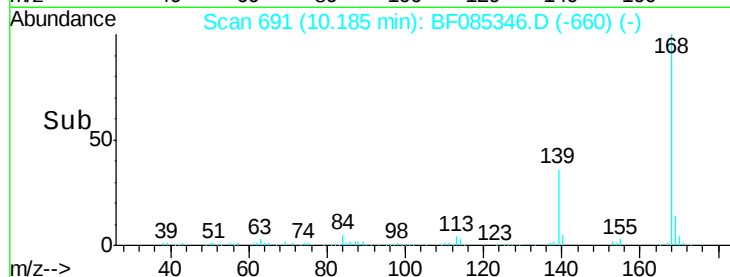
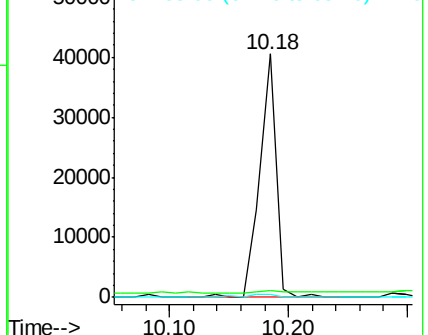
65 1.4 48.3 88.3#



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: 8.22 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

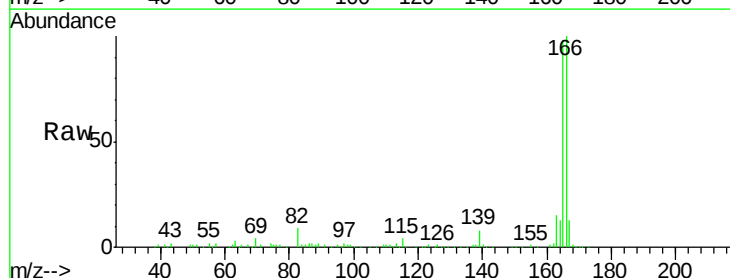
Tgt Ion:166 Resp: 115465

Ion Ratio Lower Upper

166 100

165 97.6 79.4 119.0

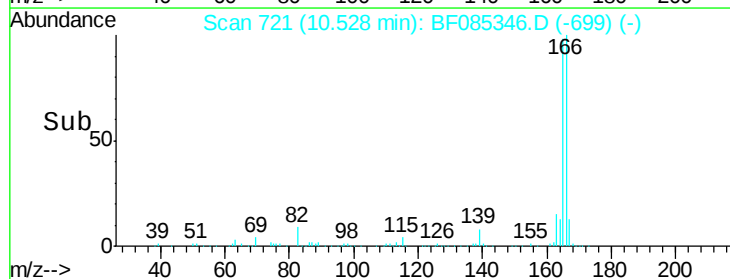
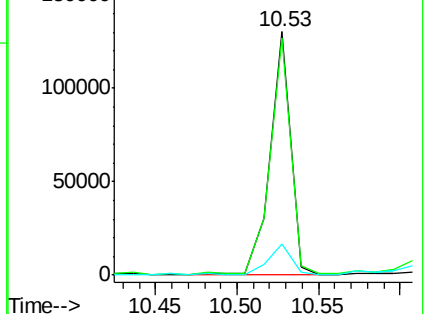
167 13.0 11.0 16.6

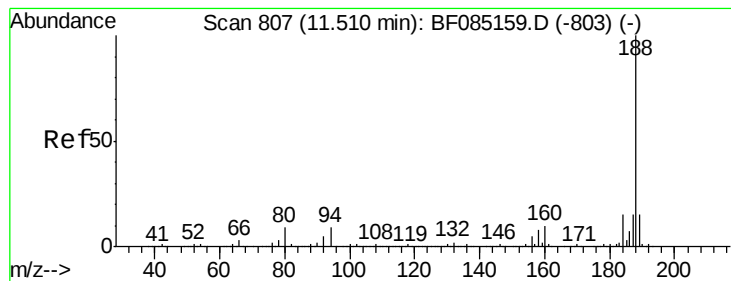


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

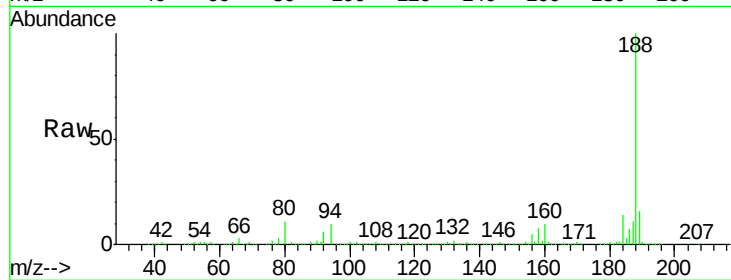
Tot Ion:188 Resp: 353764

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

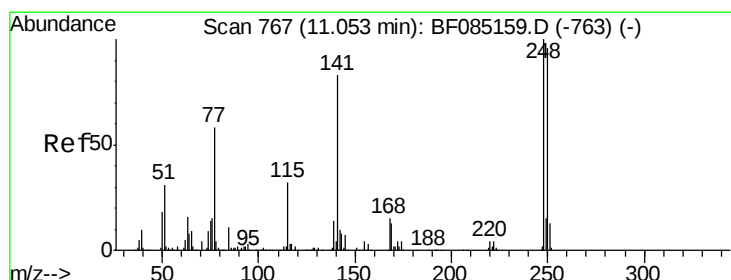
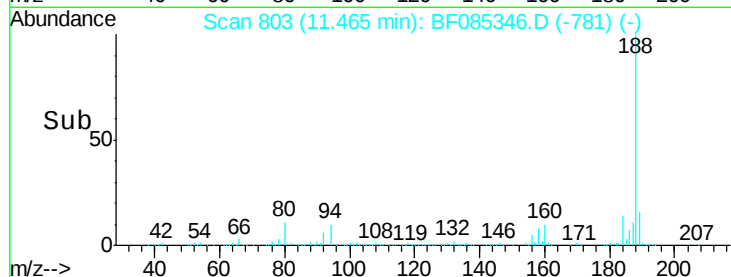
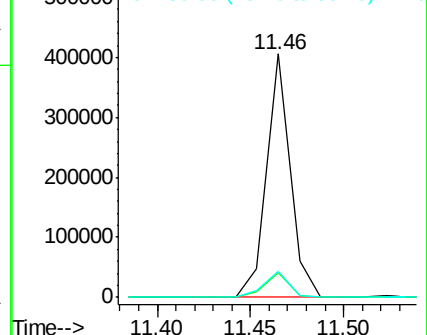
80 10.6 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 4.47 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.29 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

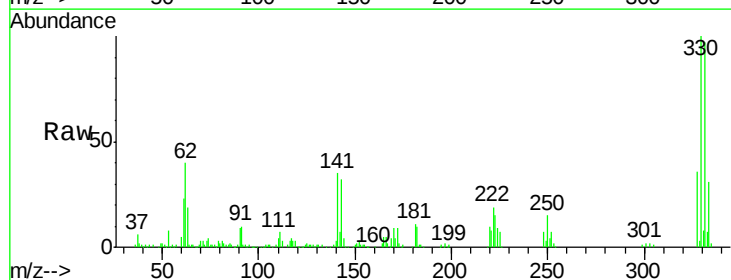
Tgt Ion:248 Resp: 15369

Ion Ratio Lower Upper

248 100

250 201.7 77.1 115.7#

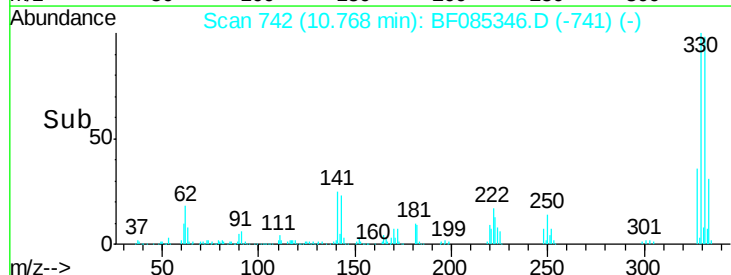
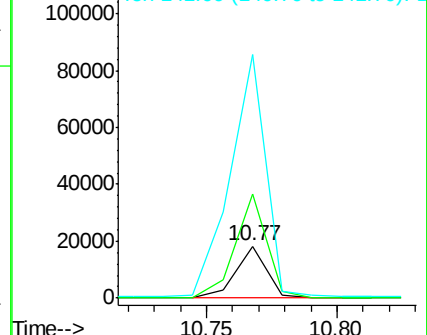
141 469.8 66.2 99.2#

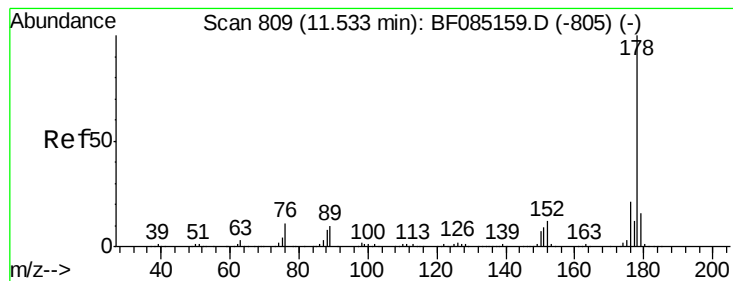


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 40.83 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampled :

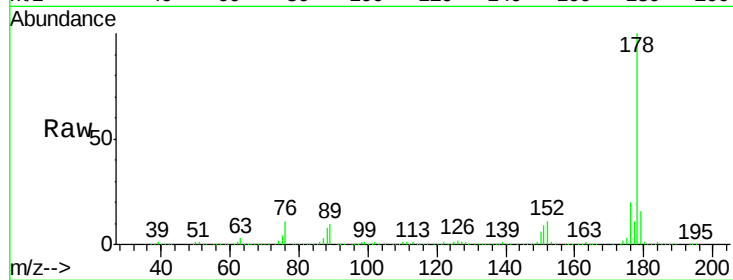
Tot Ion:178 Resp: 756979

Ion Ratio Lower Upper

178 100

176 20.0 16.8 25.2

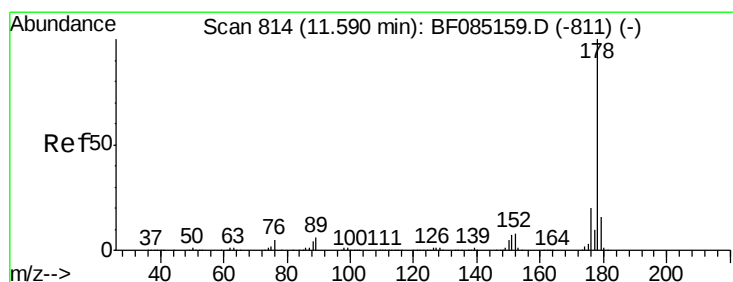
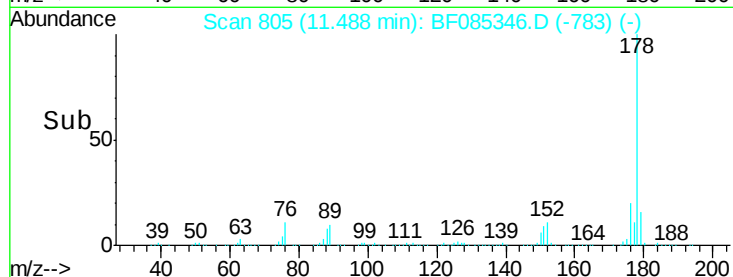
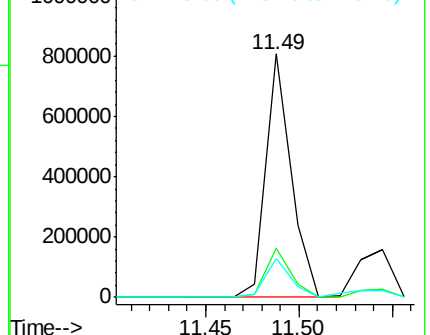
179 16.1 13.1 19.7



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: 10.20 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

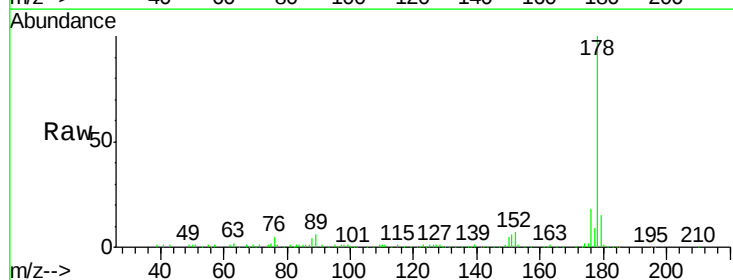
Tgt Ion:178 Resp: 200743

Ion Ratio Lower Upper

178 100

176 17.8 15.9 23.9

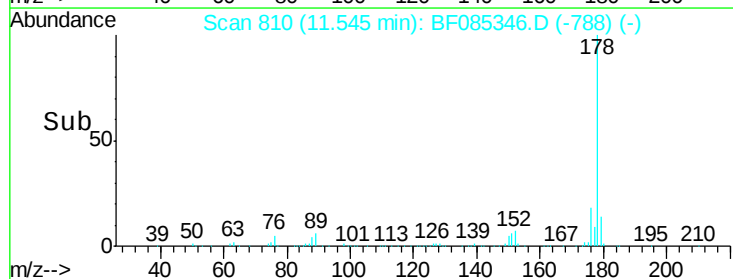
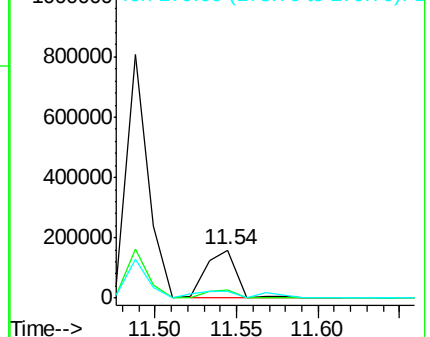
179 14.7 12.5 18.7

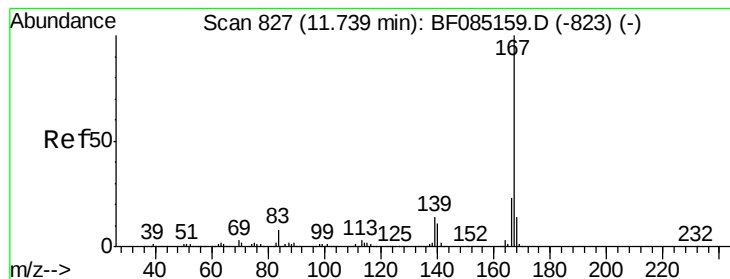


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.61 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

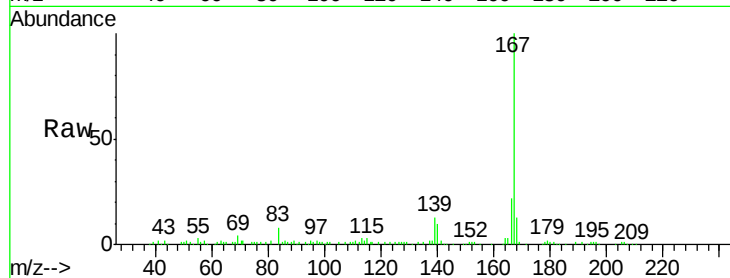
Tot Ion:167 Resp: 79606

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

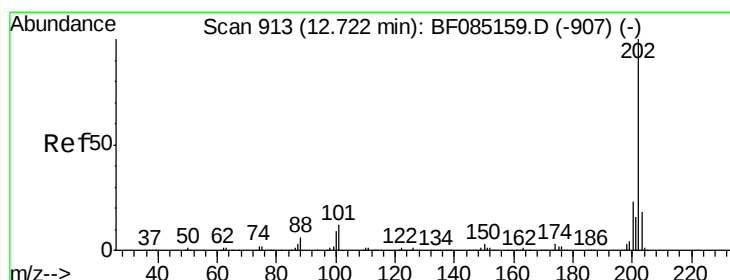
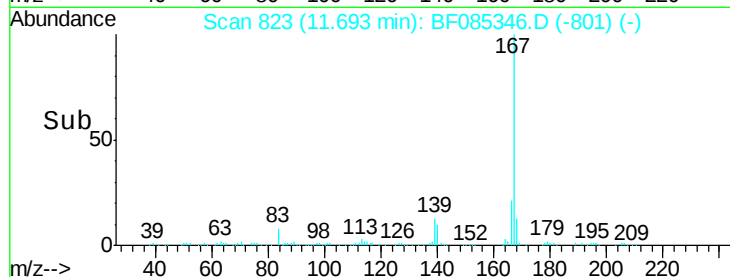
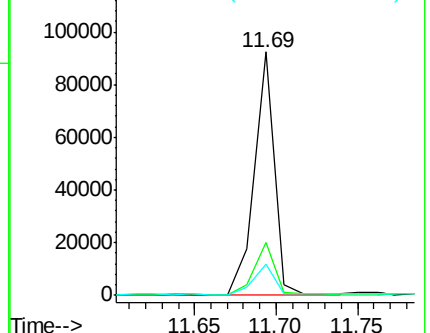
139 12.8 11.4 17.0



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: 37.68 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

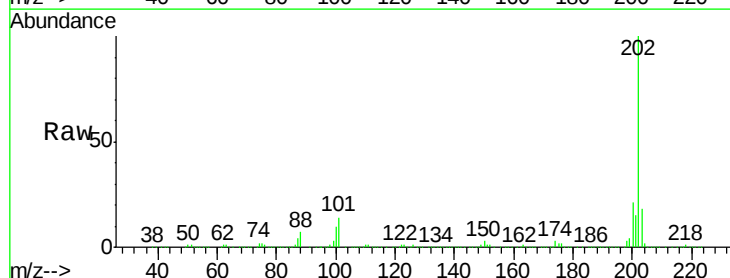
Tgt Ion:202 Resp: 701093

Ion Ratio Lower Upper

202 100

101 13.8 0.0 31.8

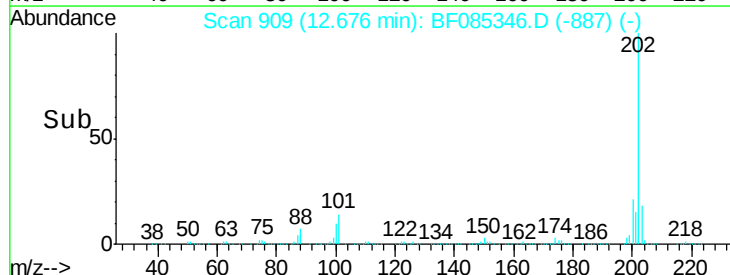
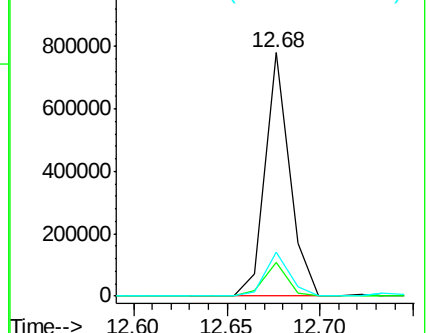
203 18.3 0.0 38.4

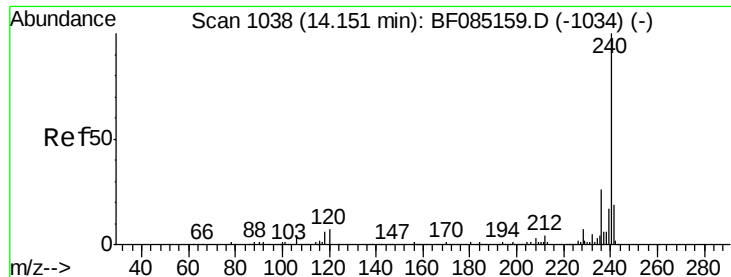


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

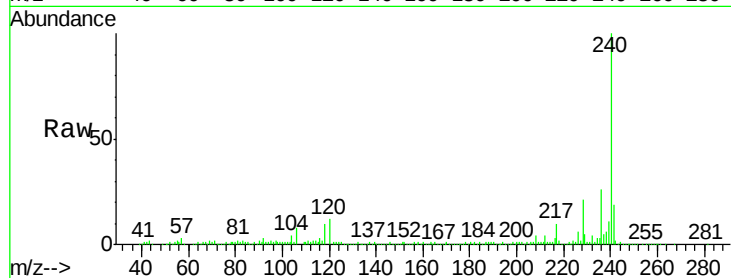
Tot Ion:240 Resp: 263891

Ion Ratio Lower Upper

240 100

120 11.7 5.3 7.9#

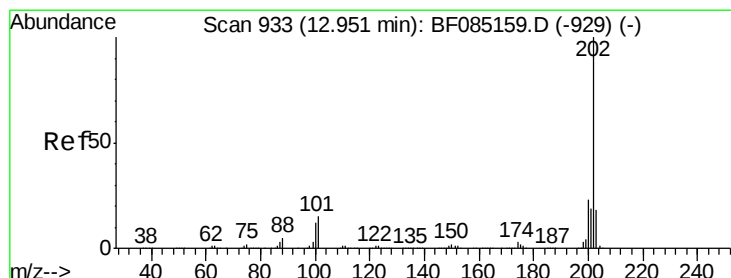
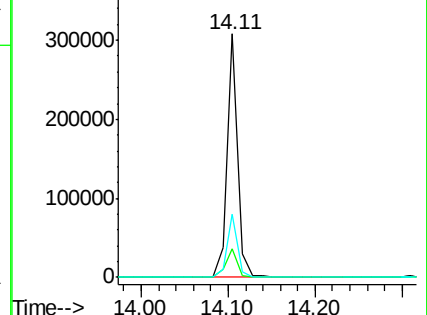
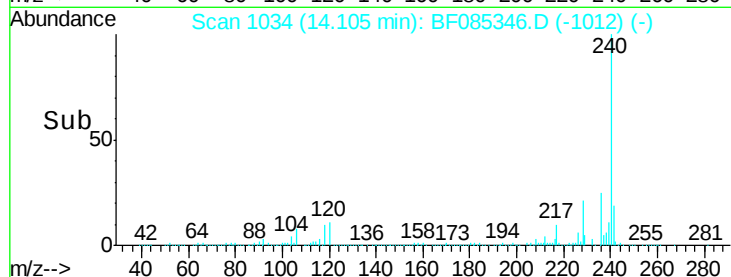
236 25.8 20.7 31.1



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: 30.67 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

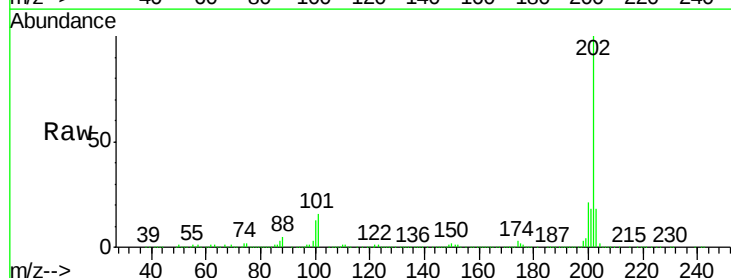
Tgt Ion:202 Resp: 609144

Ion Ratio Lower Upper

202 100

200 21.2 18.2 27.4

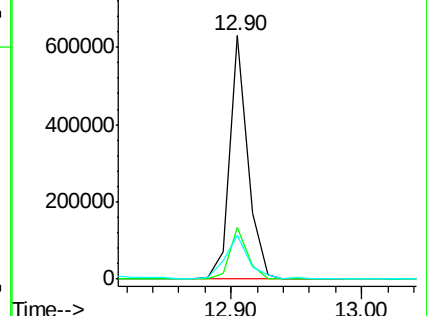
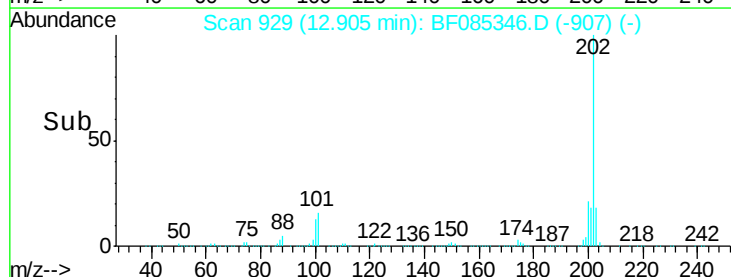
203 18.3 14.7 22.1

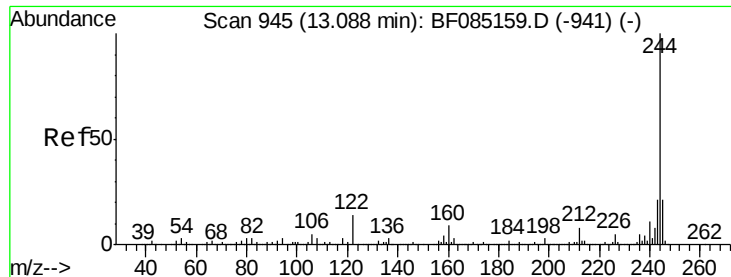


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

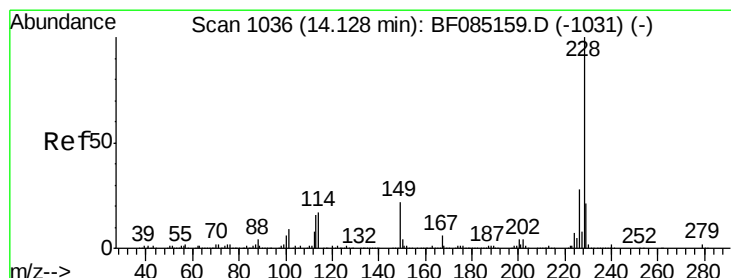
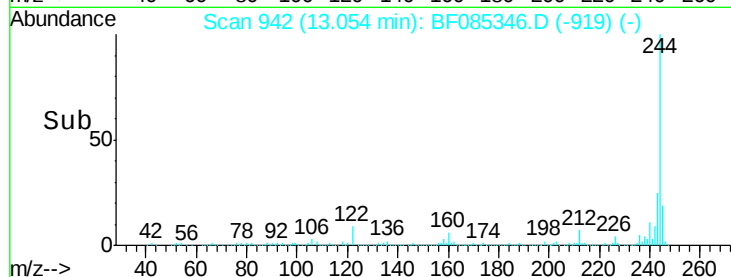
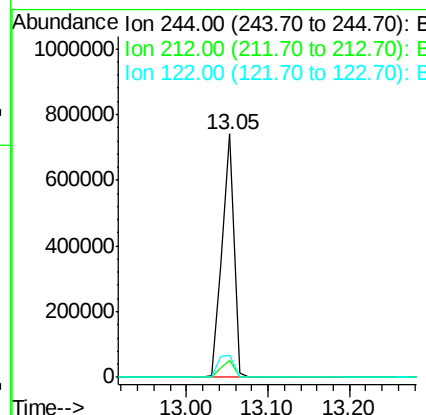
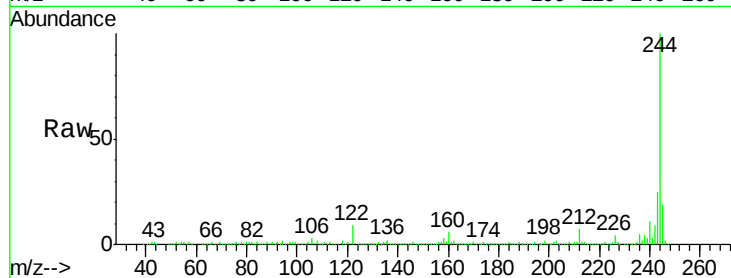




#78
 Terphenyl-d14
 Concen: 66.33 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085346.D
 Acq: 10 Mar 2016 21:26

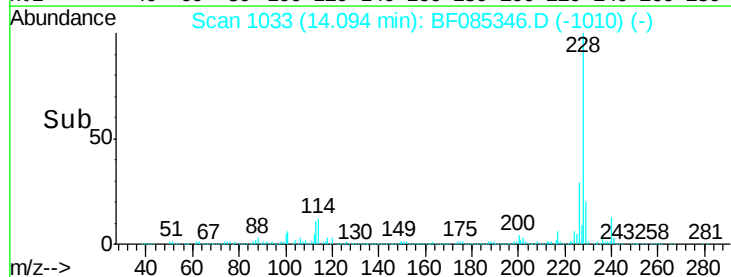
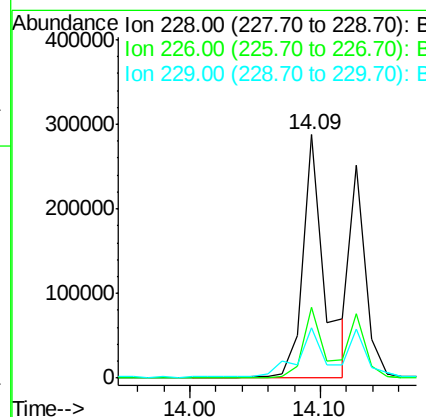
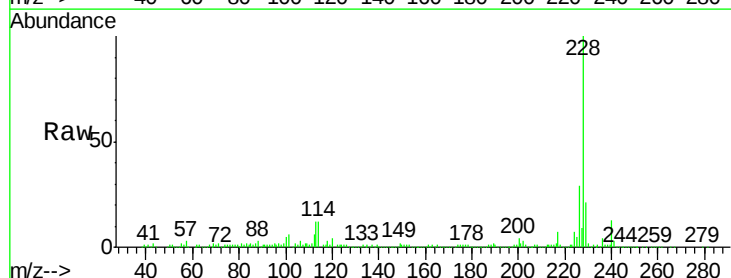
Instrument :
 BNA_F
 ClientSampled :

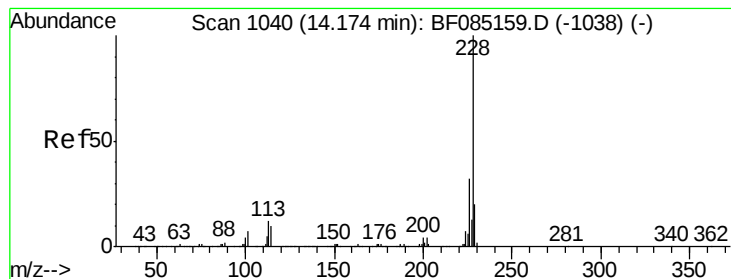
Tot Ion:244 Resp: 754022
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.4 9.6
 122 9.1 11.4 17.2#



#80
 Benzo(a)anthracene
 Concen: 20.83 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.03 min
 Lab File: BF085346.D
 Acq: 10 Mar 2016 21:26

Tgt Ion:228 Resp: 329044
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.8 34.2
 229 20.6 16.6 24.8





#82

Chrysene

Concen: 14.16 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

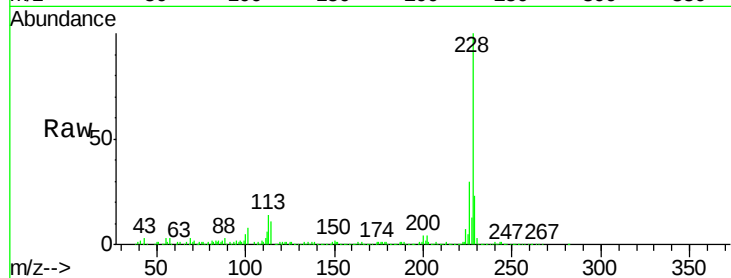
Tot Ion:228 Resp: 206640

Ion Ratio Lower Upper

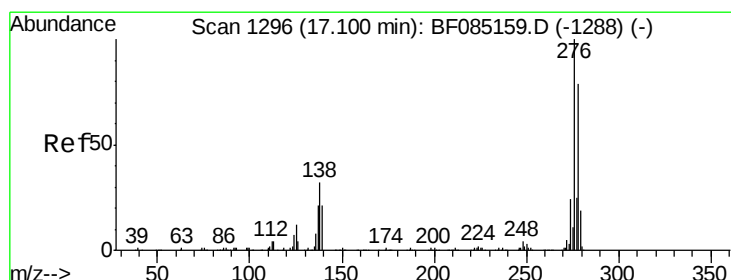
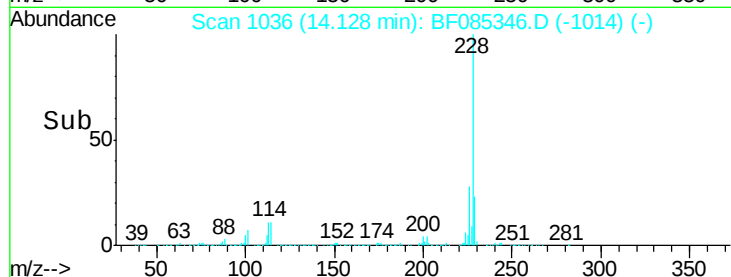
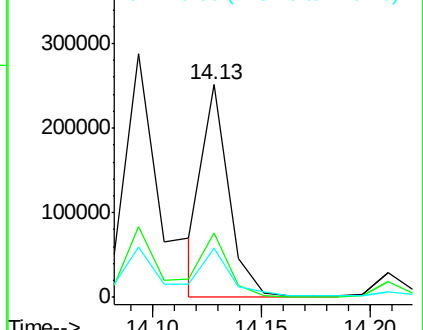
228 100

226 30.1 25.2 37.8

229 23.2 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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.25 ng

RT: 16.87 min Scan# 1276

Delta R.T. -0.23 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

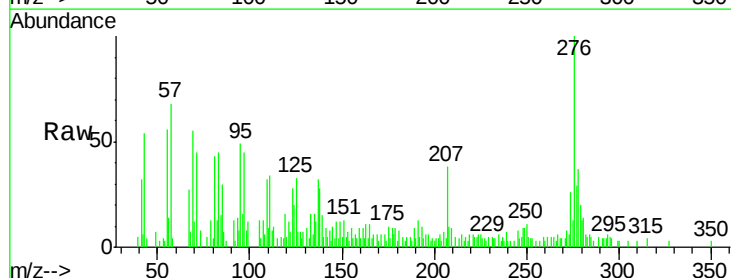
Tgt Ion:276 Resp: 25678

Ion Ratio Lower Upper

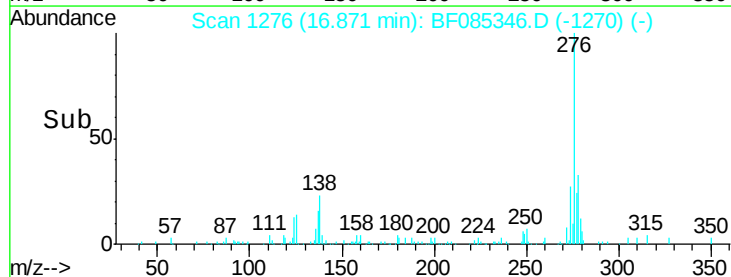
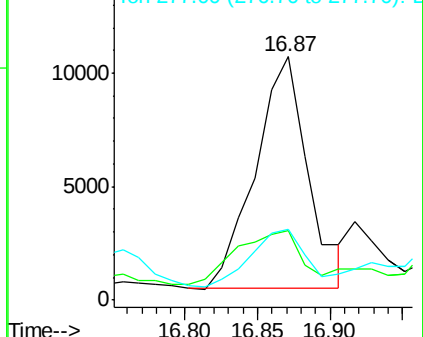
276 100

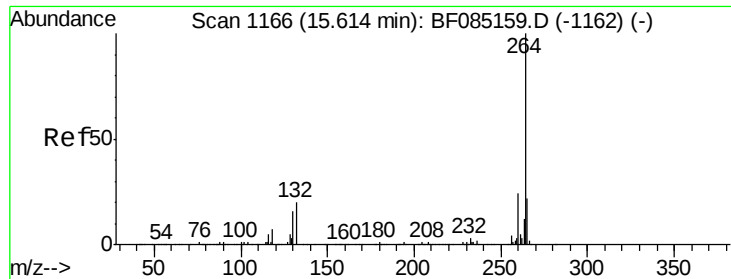
138 28.1 26.4 39.6

277 26.7 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



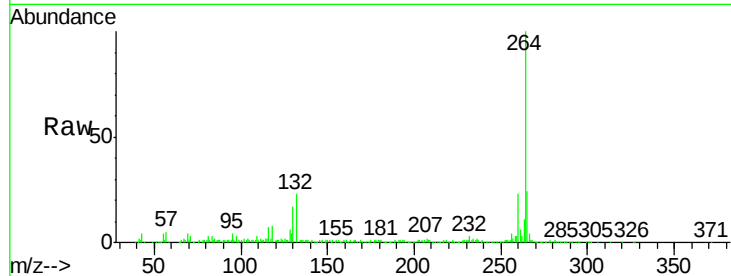


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

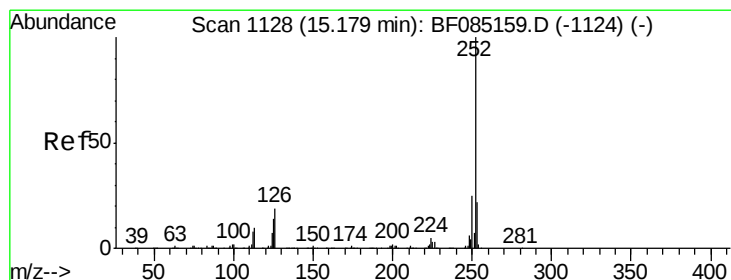
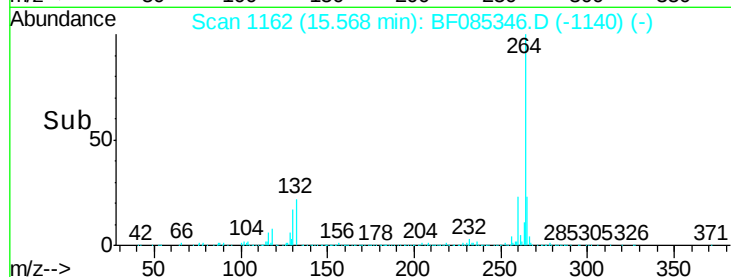
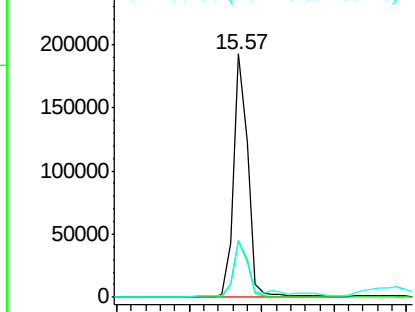
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 261143

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.5	17.3	25.9



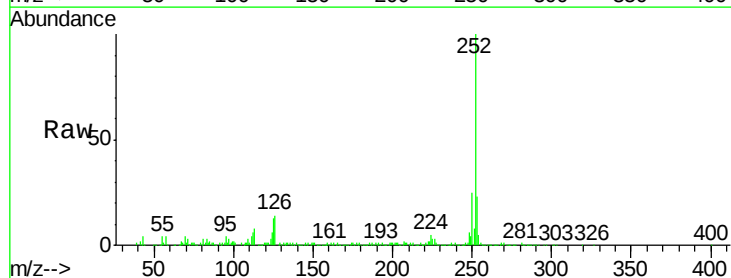
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



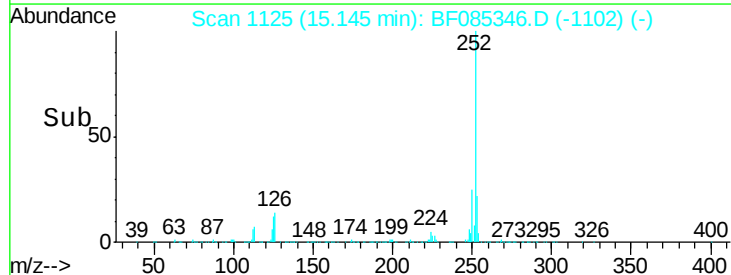
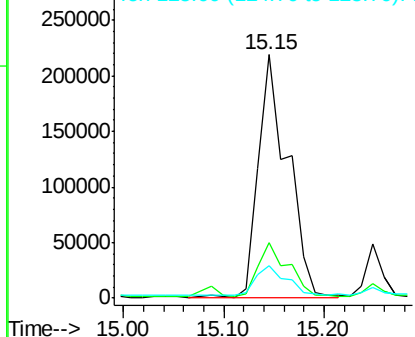
#87
Benzo(b)fluoranthene
Concen: 25.17 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

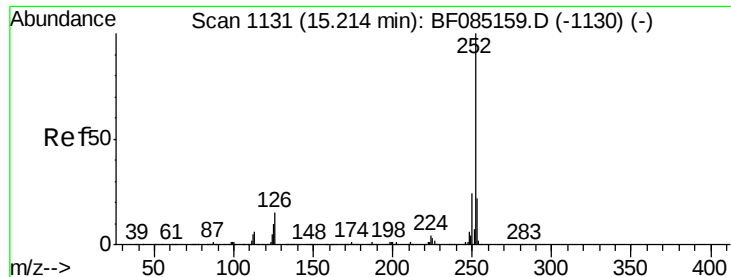
Tgt Ion:252 Resp: 438091

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.5	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

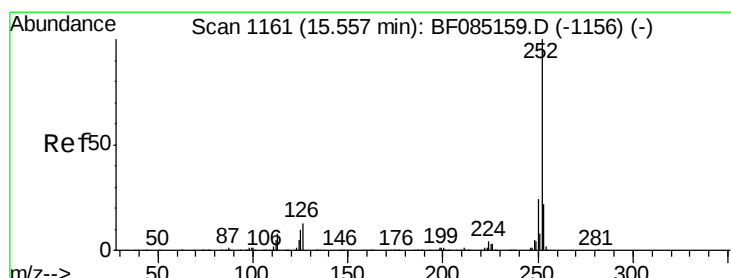
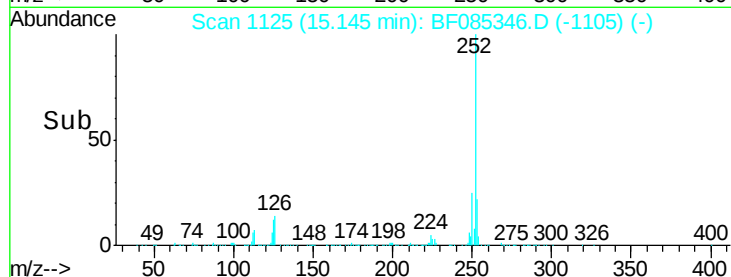
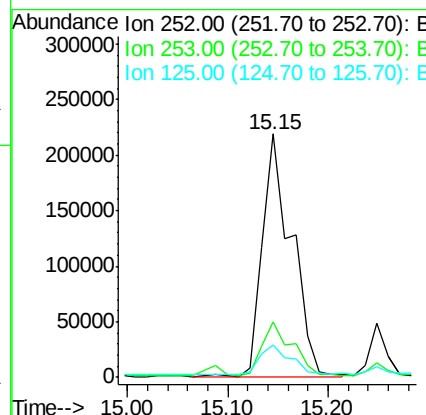
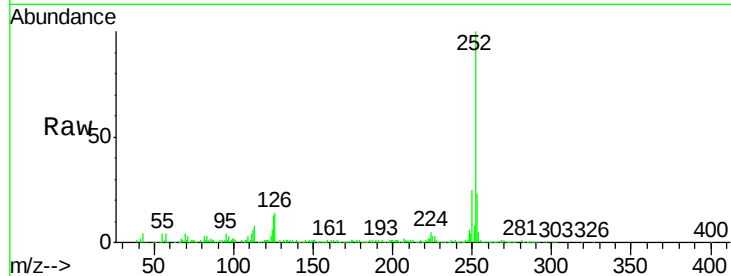




#88
Benzo(k)fluoranthene
Concen: 31.20 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

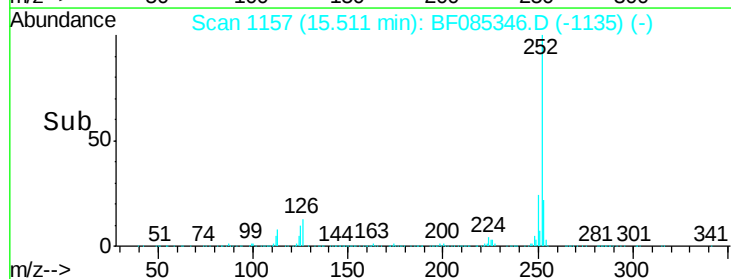
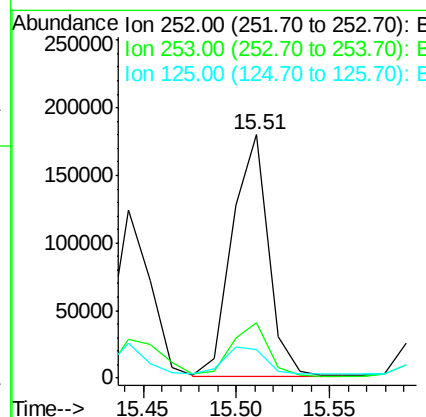
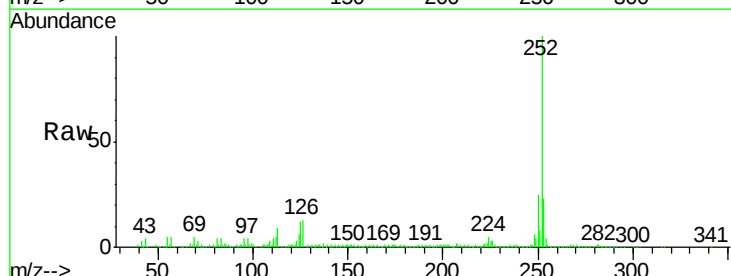
Instrument :
BNA_F
ClientSampled :

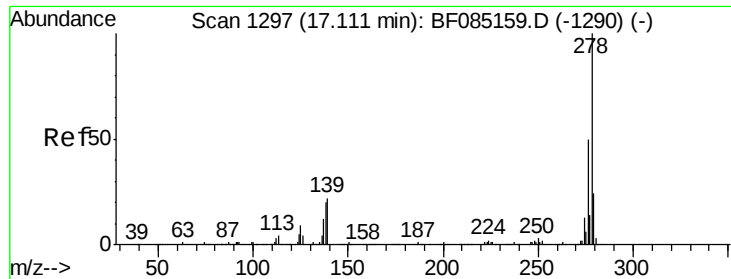
Tot Ion:252 Resp: 438091
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 13.5 10.4 15.6



#89
Benzo(a)pyrene
Concen: 16.93 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085346.D
Acq: 10 Mar 2016 21:26

Tgt Ion:252 Resp: 244267
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.5 8.2 12.4





#90

Dibenzo(a,h)anthracene

Concen: 2.46 ng

RT: 17.20 min Scan# 1305

Delta R.T. 0.09 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

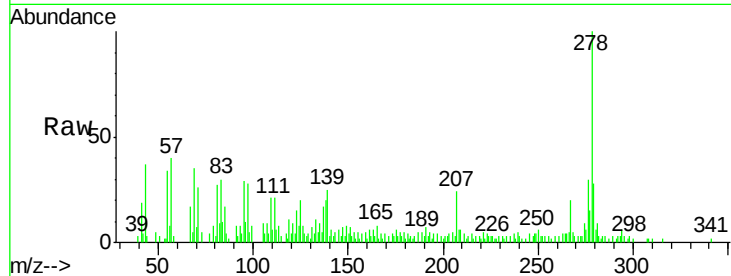
Tot Ion:278 Resp: 30291

Ion Ratio Lower Upper

278 100

139 25.2 17.3 25.9

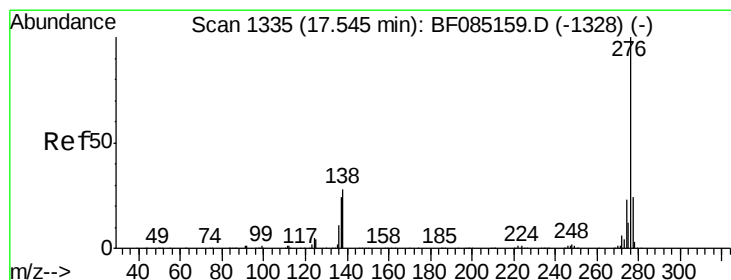
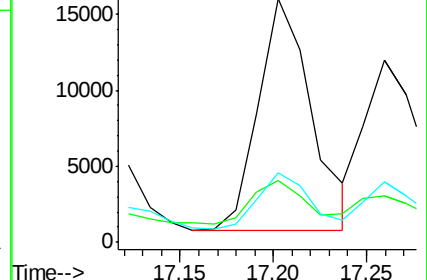
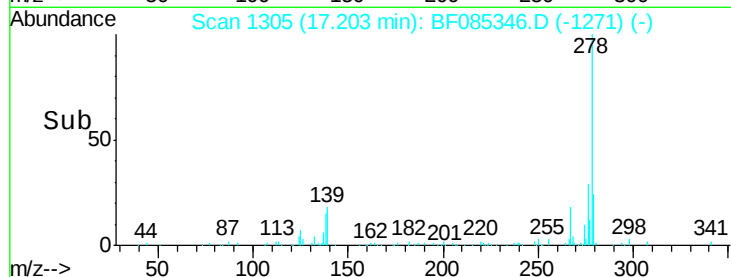
279 28.5 19.2 28.8



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: 10.42 ng

RT: 17.47 min Scan# 1328

Delta R.T. -0.08 min

Lab File: BF085346.D

Acq: 10 Mar 2016 21:26

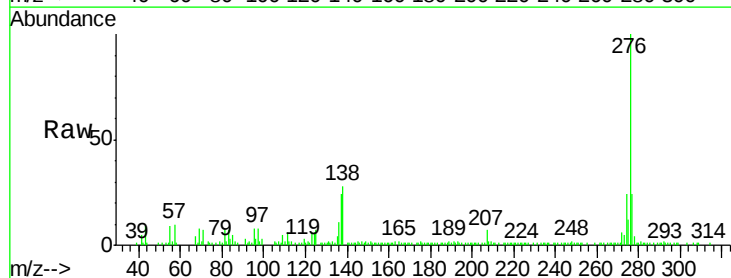
Tgt Ion:276 Resp: 129060

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 27.8 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

