

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086911.D
 Acq On : 12 May 2016 2:24
 Operator : UM/SJ
 Sample : H2965-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)

Quant Time: May 12 05:54:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	129694	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	494018	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	195109	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	303384	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	258163	20.00	ng	-0.01
86) Perylene-d12	15.14	264	214905	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	839122	109.57	ng	0.00
7) Phenol-d6	6.30	99	1070879	104.63	ng	-0.01
23) Nitrobenzene-d5	7.21	82	790655	80.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	191777	92.85	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1038368	89.44	ng	0.00
78) Terphenyl-d14	12.73	244	725124	59.59	ng	0.00

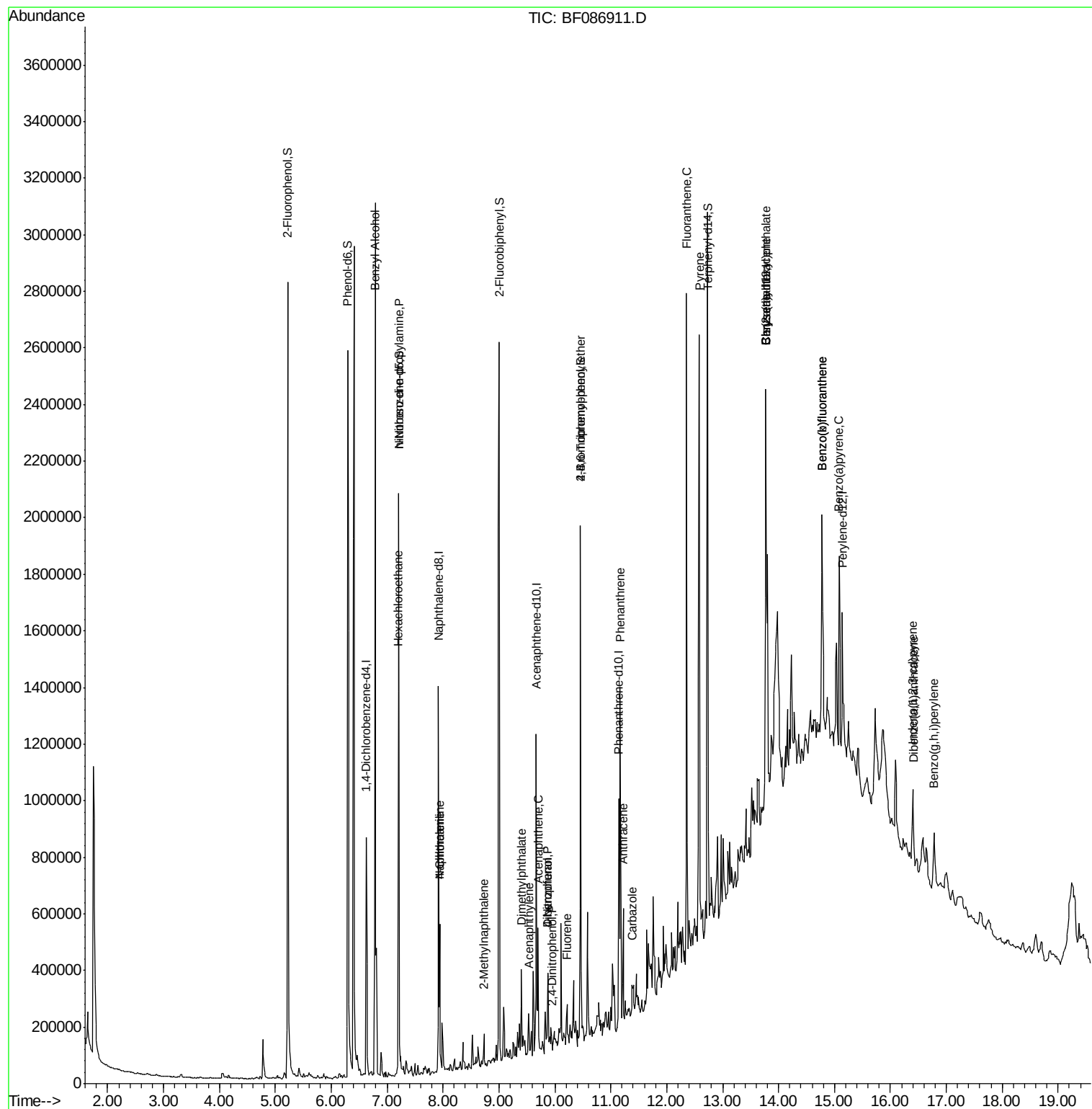
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.79	79	15525	2.20	ng	# 43
18) Hexachloroethane	7.20	117	7746	2.02	ng	# 12
19) n-Nitroso-di-n-propylamine	7.21	70	116653	16.31	ng	# 81
31) Naphthalene	7.94	128	210359	8.50	ng	99
33) 4-Chloroaniline	7.94	127	27282	2.84	ng	# 35
37) 2-Methylnaphthalene	8.73	142	29104	2.01	ng	97
48) Acenaphthylene	9.53	152	45995	2.57	ng	98
49) Dimethylphthalate	9.40	163	90260	6.06	ng	99
51) Acenaphthene	9.70	154	94024	8.45	ng	98
53) 2,4-Dinitrophenol	9.95	184	291	7.86	ng	# 36
54) Dibenzofuran	9.87	168	68765	4.82	ng	98
55) 4-Nitrophenol	9.87	139	28429	16.75	ng	# 21
57) Fluorene	10.22	166	42601	3.50	ng	97
60) 4-Chlorophenyl-phenylether	10.04	204	547	Below Cal		# 24
66) 4-Bromophenyl-phenylether	10.46	248	12104	3.94	ng	# 1
70) Phenanthrene	11.16	178	503902	31.12	ng	99
71) Anthracene	11.22	178	173224	10.46	ng	98
72) Carbazole	11.38	167	43065	3.03	ng	# 94
74) Fluoranthene	12.35	202	888643	53.36	ng	98
77) Pyrene	12.58	202	900624	45.57	ng	100
80) Benzo(a)anthracene	13.77	228	498825	34.42	ng	95
82) Chrysene	13.77	228	498825	33.84	ng	97
83) Bis(2-ethylhexyl)phthalate	13.77	149	44544	4.43	ng	97
85) Indeno(1,2,3-cd)pyrene	16.40	276	167444	13.65	ng	# 89
87) Benzo(b)fluoranthene	14.78	252	591631	42.36	ng	98
88) Benzo(k)fluoranthene	14.78	252	591631	51.73	ng	96
89) Benzo(a)pyrene	15.09	252	307524	25.53	ng	# 92
90) Dibenzo(a,h)anthracene	16.41	278	53243	5.24	ng	# 80
91) Benzo(g,h,i)perylene	16.78	276	156138	15.13	ng	95

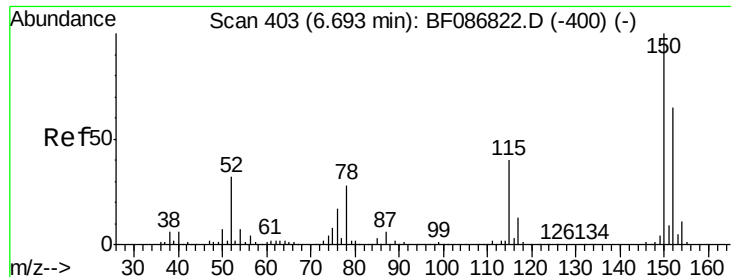
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086911.D
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

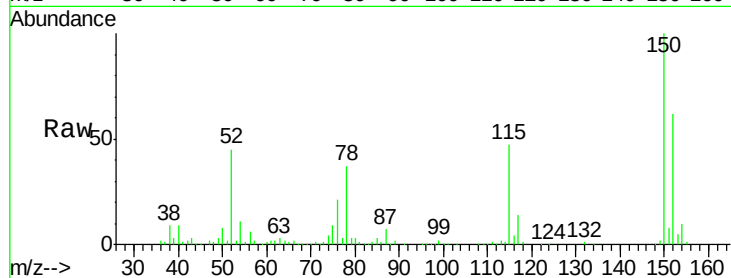
Tgt Ion:152 Resp: 129694

Ion Ratio Lower Upper

152 100

150 162.1 125.8 188.6

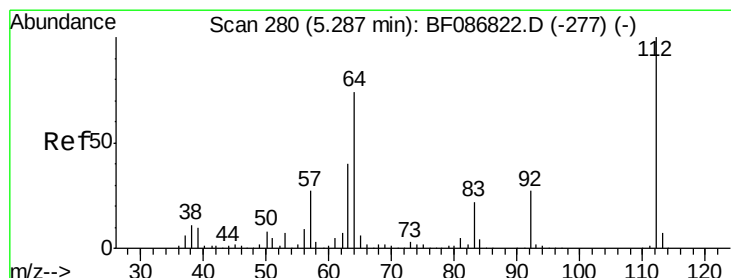
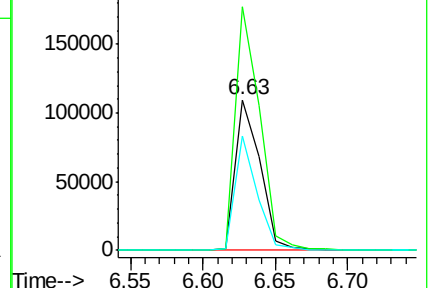
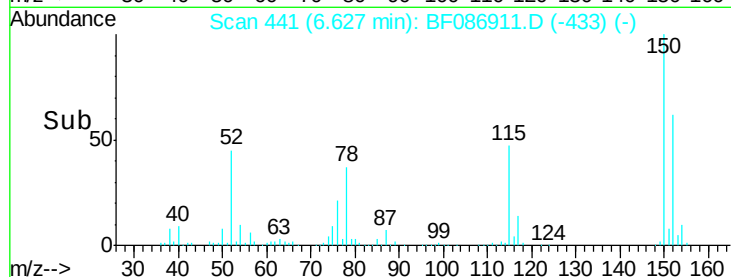
115 76.4 51.5 77.3



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: 109.57 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

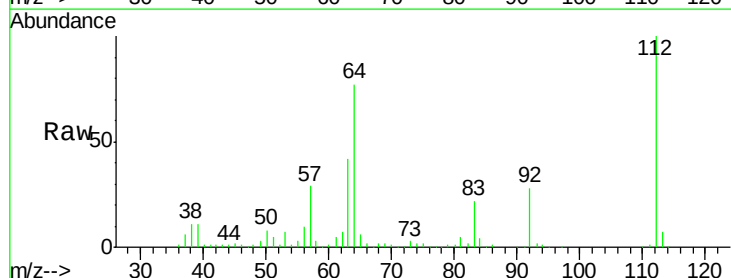
Tgt Ion:112 Resp: 839122

Ion Ratio Lower Upper

112 100

64 77.4 52.1 78.1

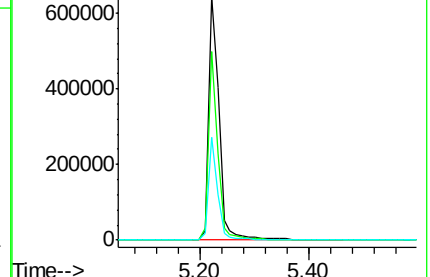
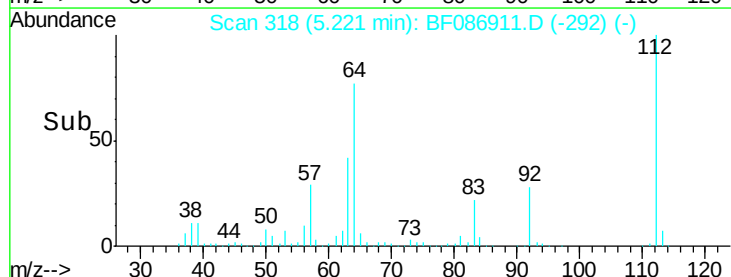
63 42.1 25.7 38.5

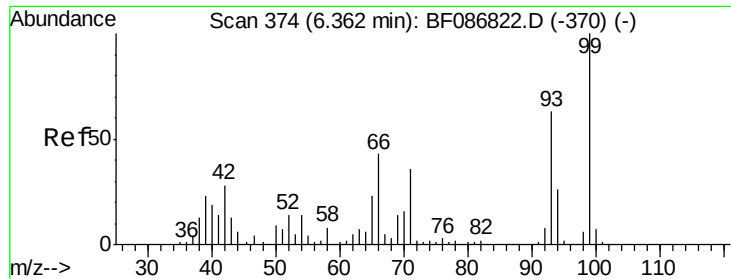


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.63 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

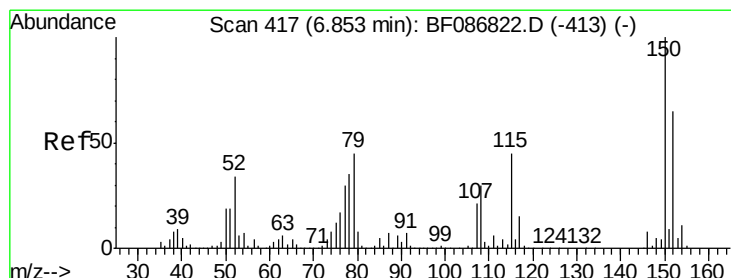
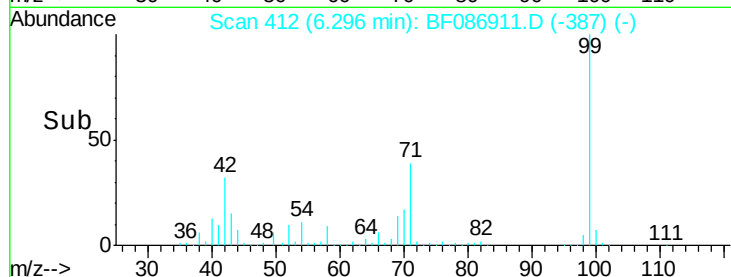
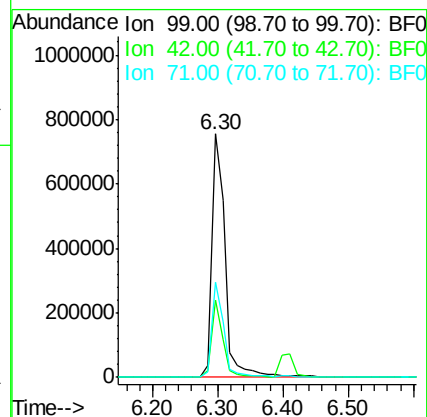
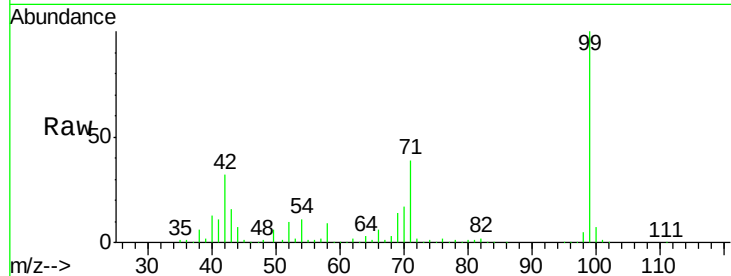
Tgt Ion: 99 Resp: 1070879

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

71 39.2 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

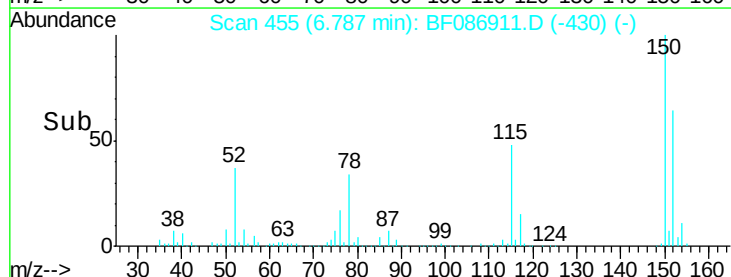
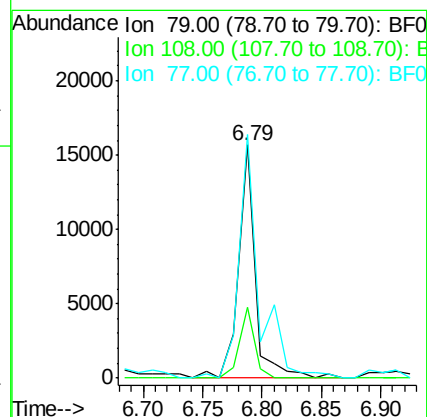
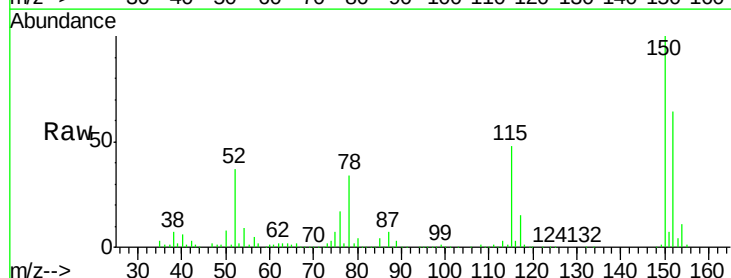
Tgt Ion: 79 Resp: 15525

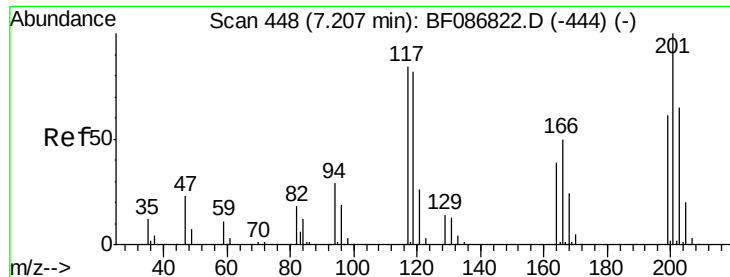
Ion Ratio Lower Upper

79 100

108 30.3 68.4 102.6#

77 104.4 50.6 76.0#

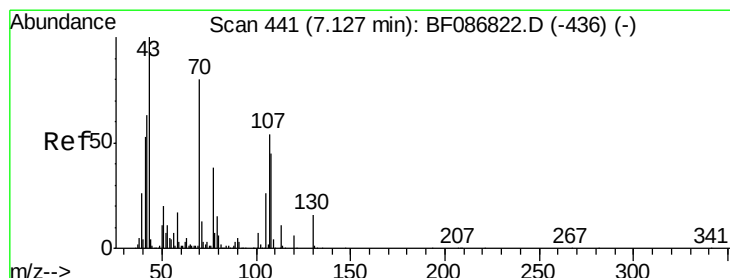
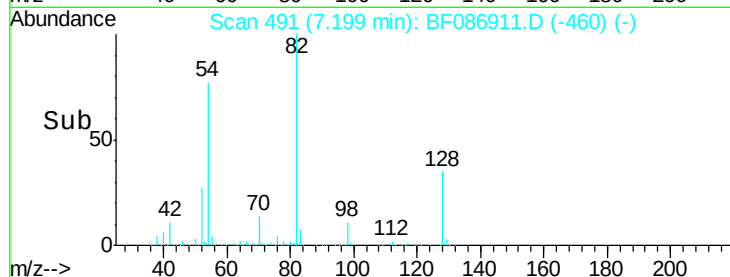
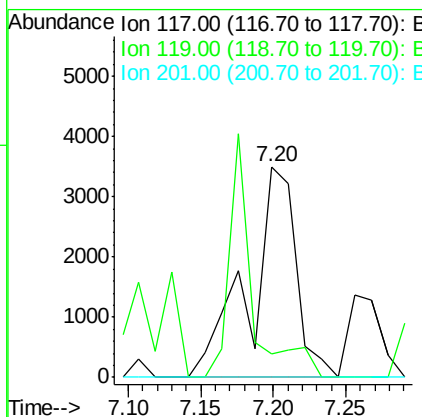
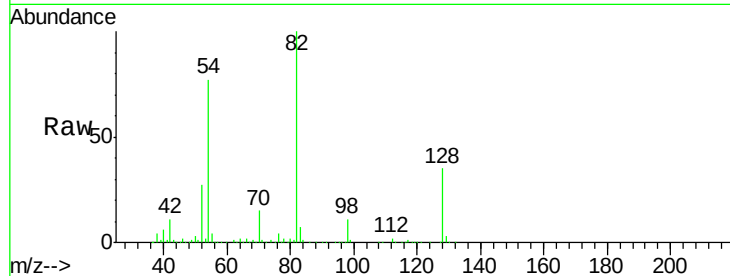




#18
Hexachloroethane
Concen: 2.02 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.06 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

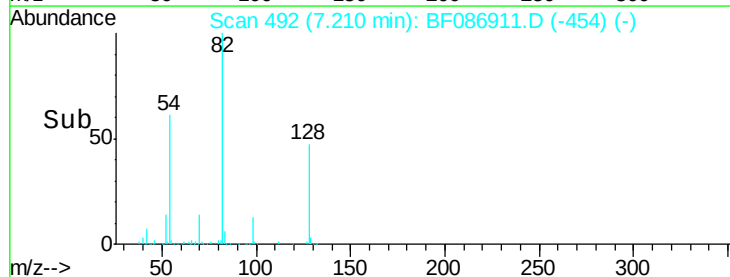
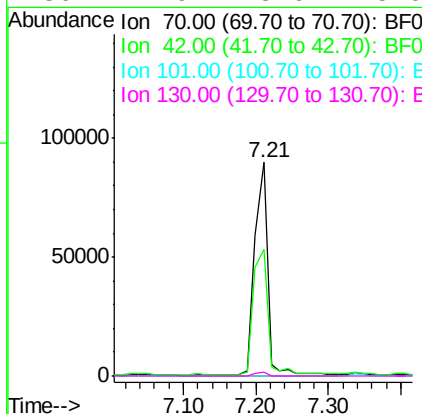
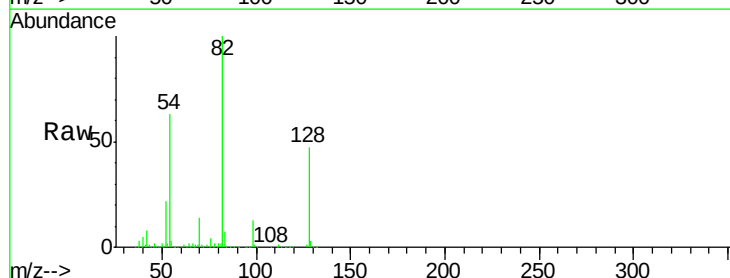
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)

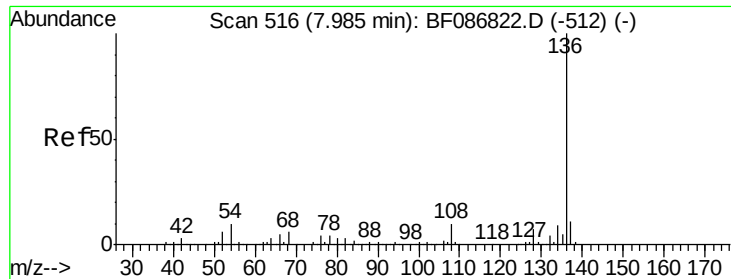
Tgt Ion: 117 Resp: 7746
Ion Ratio Lower Upper
117 100
119 11.4 76.5 114.7#
201 0.0 63.0 94.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.31 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

Tgt Ion: 70 Resp: 116653
Ion Ratio Lower Upper
70 100
42 59.1 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

Tgt Ion:136 Resp: 494018

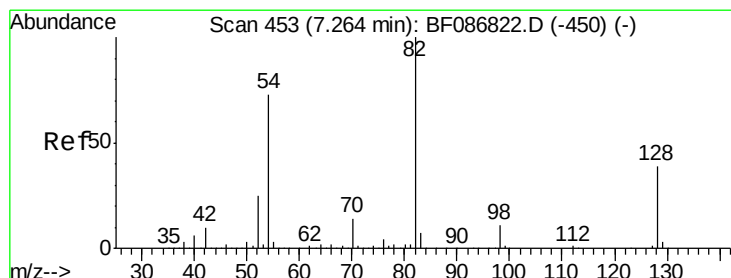
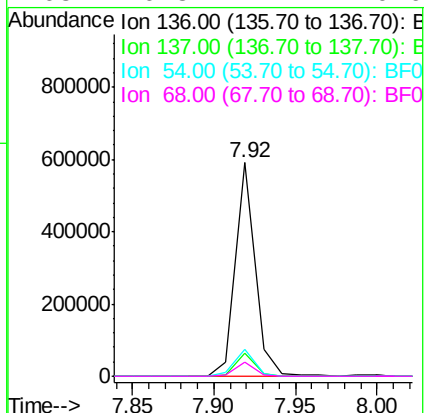
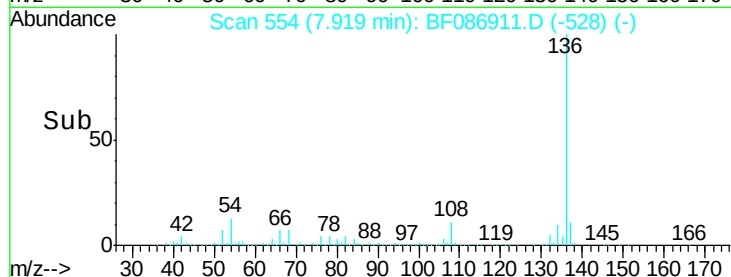
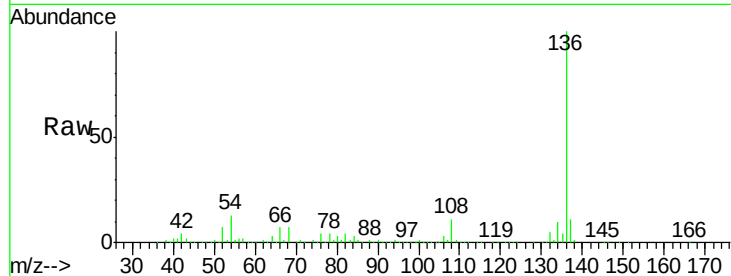
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.7 5.0 7.4#

68 6.8 4.4 6.6#



#23

Nitrobenzene-d5

Concen: 80.36 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

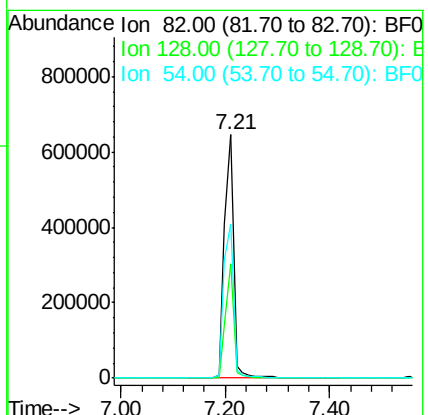
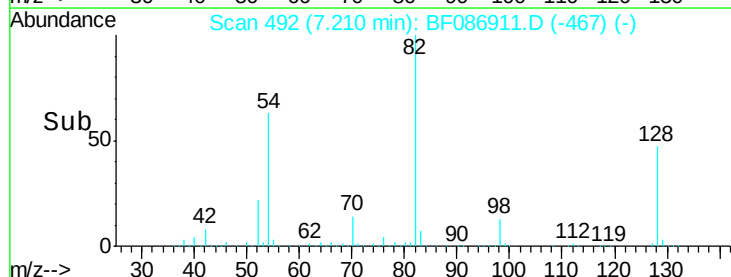
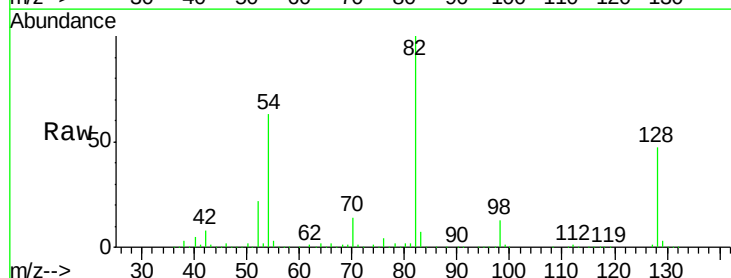
Tgt Ion: 82 Resp: 790655

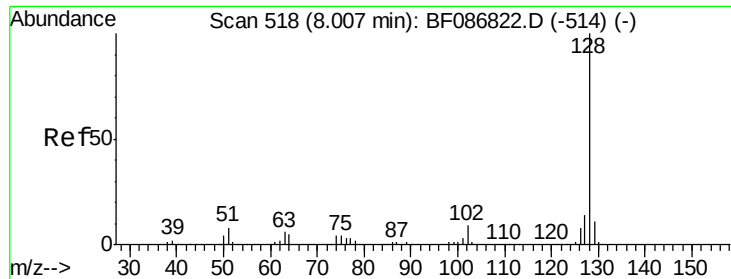
Ion Ratio Lower Upper

82 100

128 46.8 40.6 61.0

54 63.0 38.1 57.1#

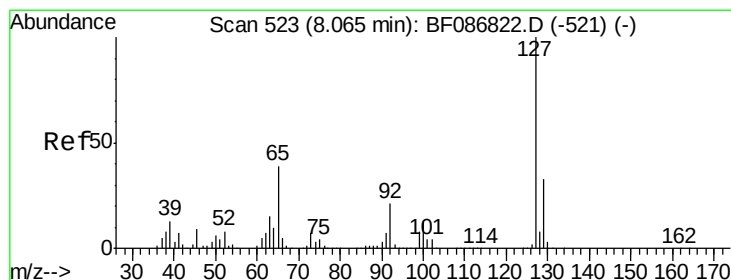
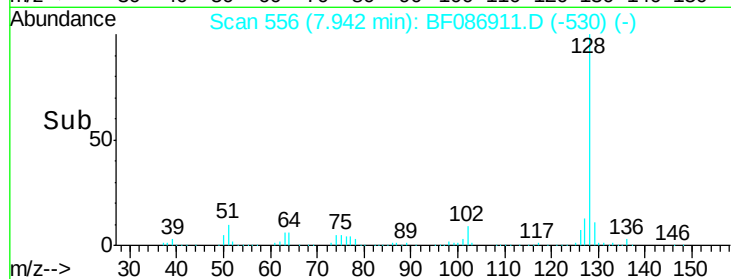
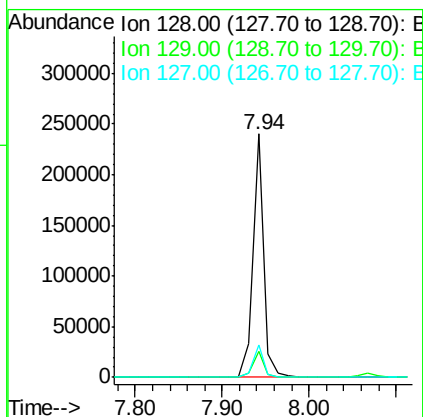
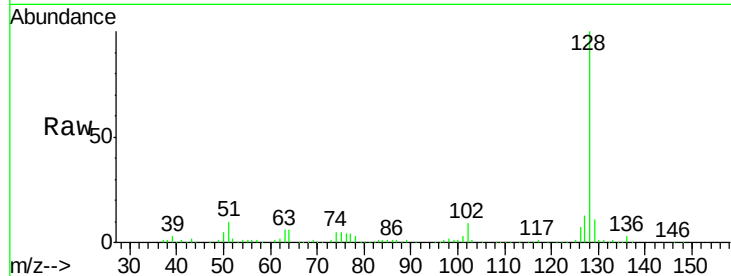




#31
Naphthalene
Concen: 8.50 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

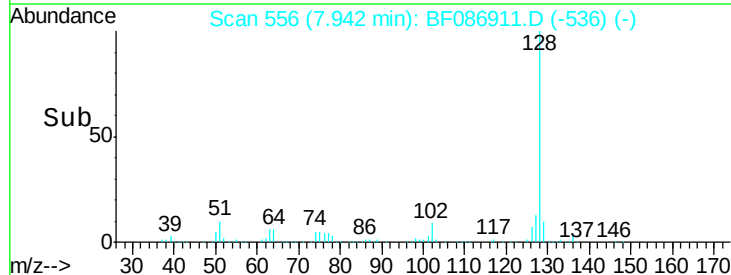
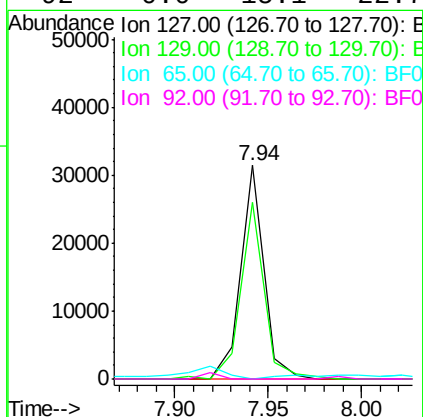
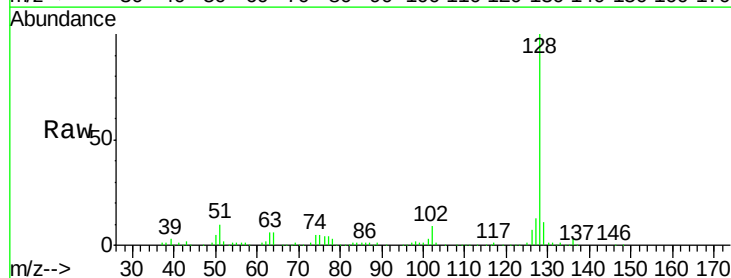
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)

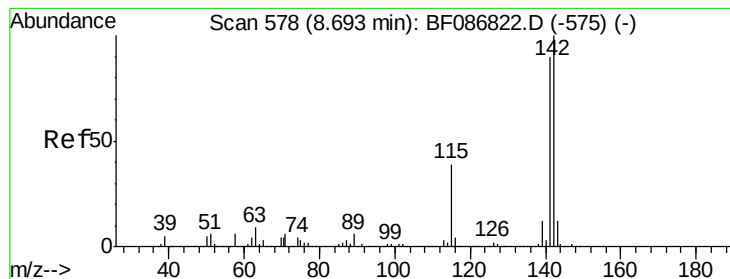
Tgt Ion:128 Resp: 210359
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.8 16.2



#33
4-Chloroaniline
Concen: 2.84 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.07 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

Tgt Ion:127 Resp: 27282
Ion Ratio Lower Upper
127 100
129 83.0 26.2 39.4#
65 0.0 23.0 34.4#
92 0.0 15.1 22.7#





#37

2-Methylnaphthalene

Concen: 2.01 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.09 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

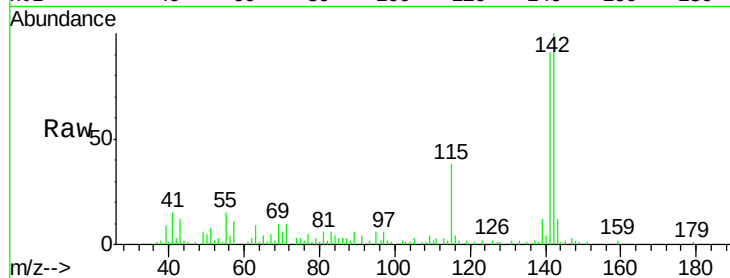
Tgt Ion:142 Resp: 29104

Ion Ratio Lower Upper

142 100

141 90.5 71.0 106.6

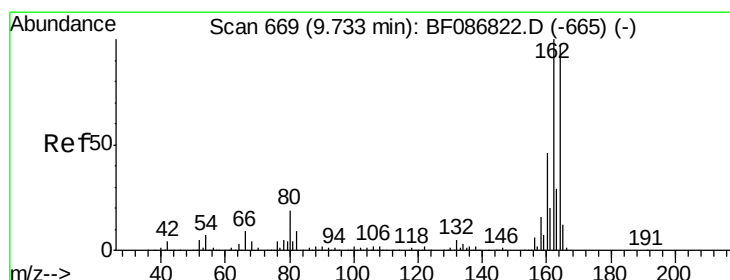
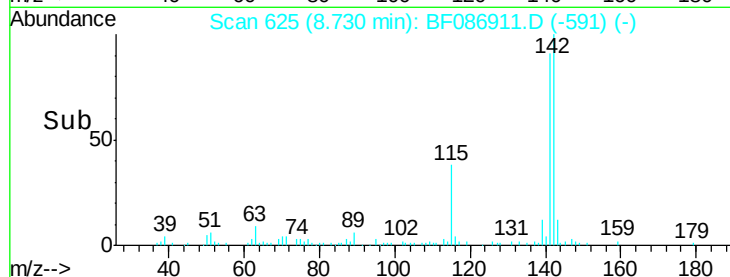
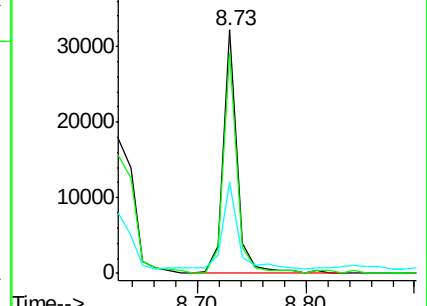
115 37.6 26.6 39.8



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: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

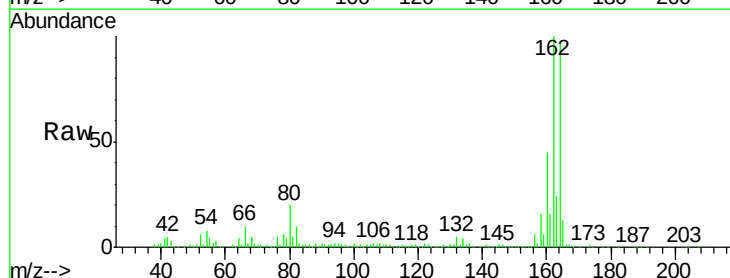
Tgt Ion:164 Resp: 195109

Ion Ratio Lower Upper

164 100

162 103.3 82.8 124.2

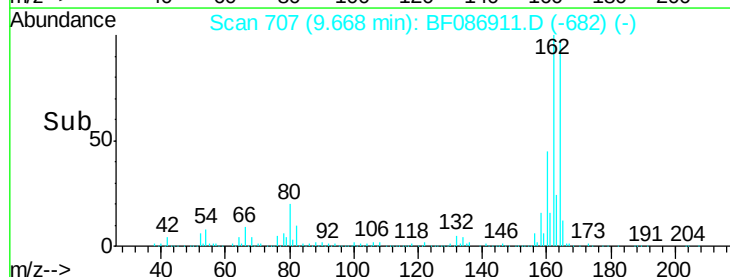
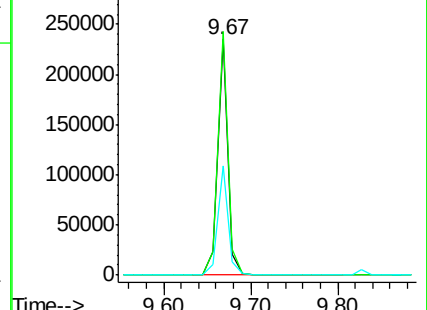
160 46.3 36.9 55.3

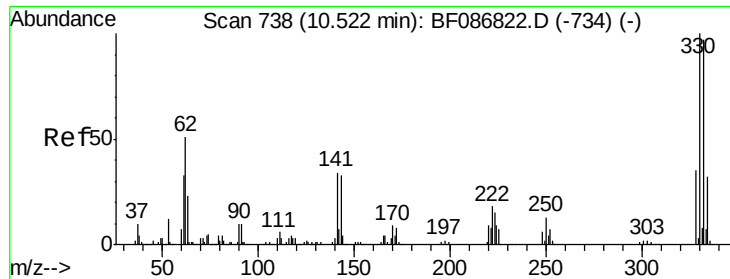


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

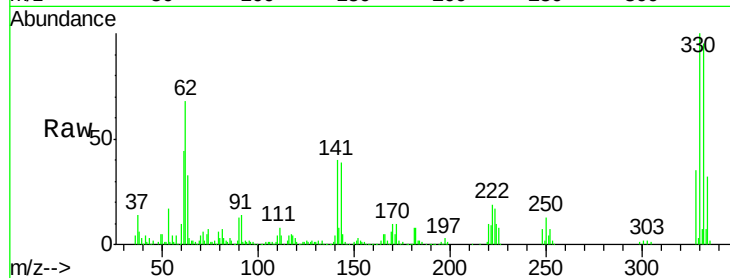




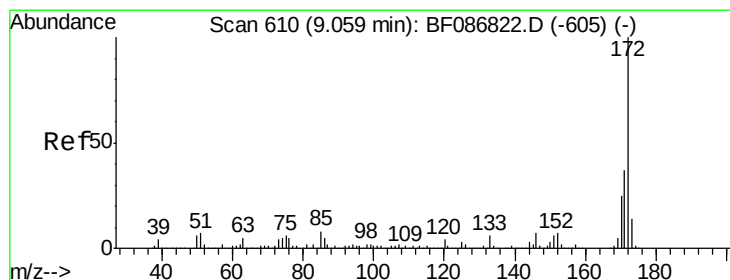
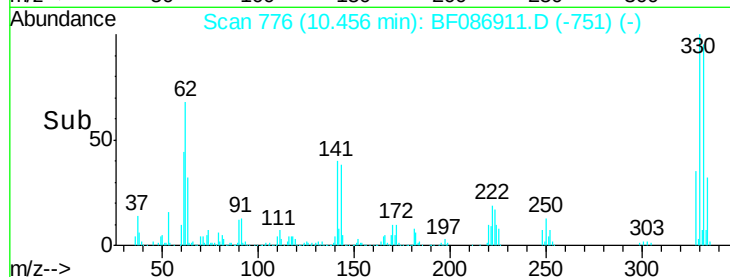
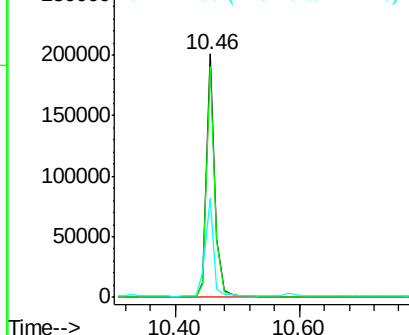
#41
 2,4,6-Tribromophenol
 Concen: 92.85 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086911.D
 Acq: 12 May 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)

Tgt Ion:330 Resp: 191777
 Ion Ratio Lower Upper
 330 100
 332 94.8 79.0 118.4
 141 41.2 31.2 46.8

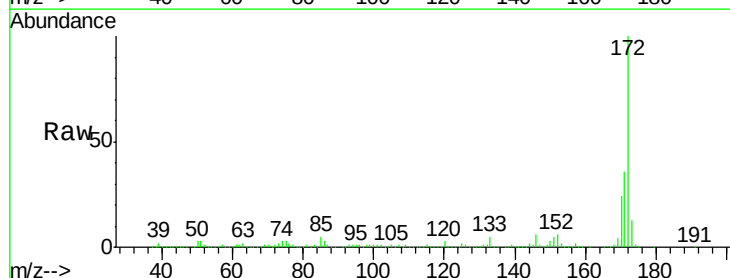


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

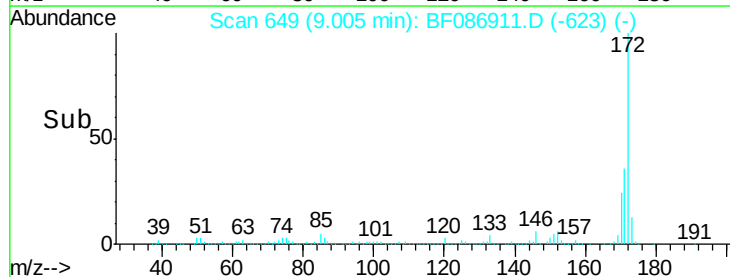
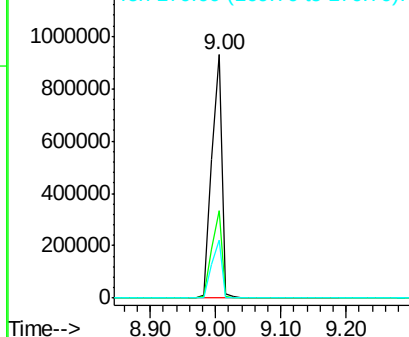


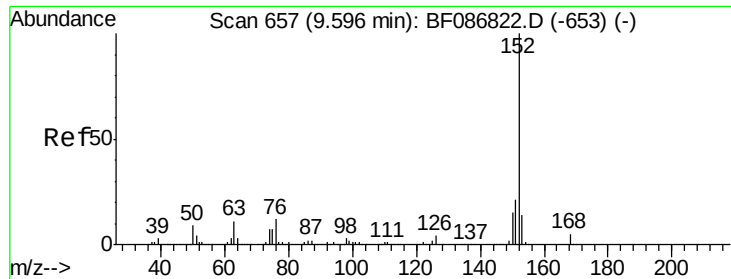
#44
 2-Fluorobiphenyl
 Concen: 89.44 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086911.D
 Acq: 12 May 2016 2:24

Tgt Ion:172 Resp: 1038368
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.1 19.8 29.8



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: 2.57 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

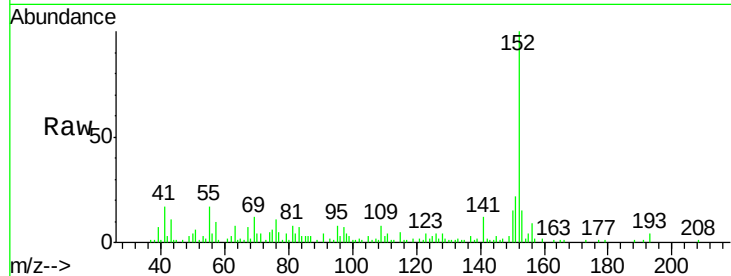
Tgt Ion:152 Resp: 45995

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

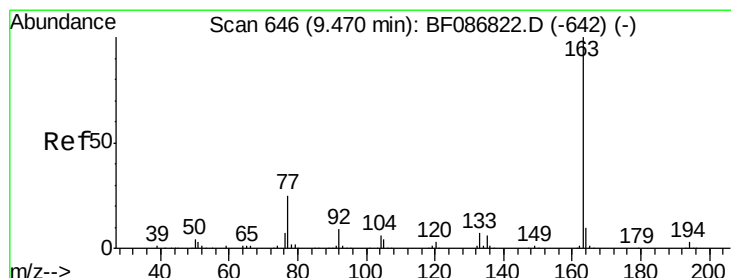
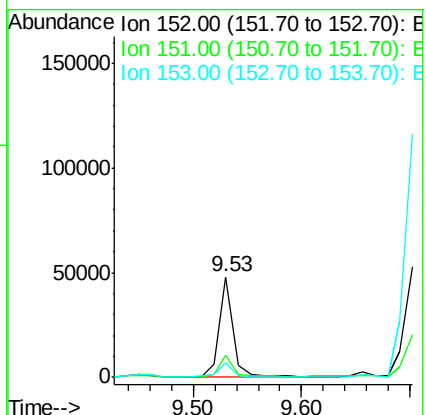
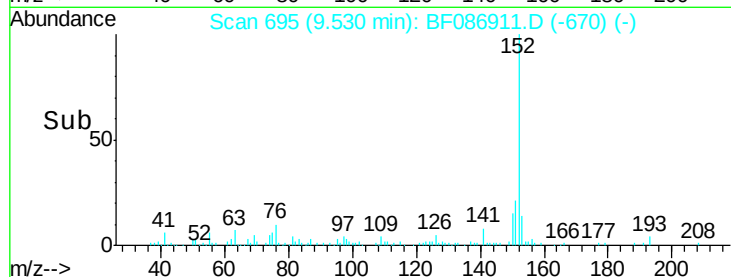
153 14.8 10.9 16.3



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: 6.06 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

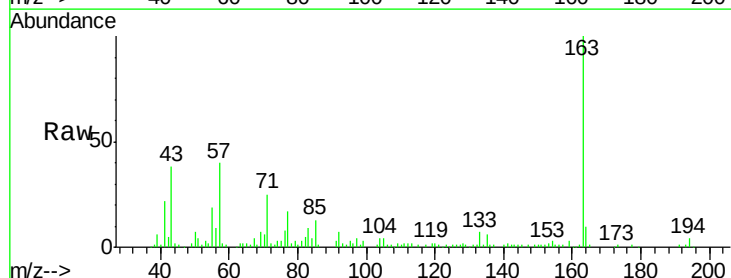
Tgt Ion:163 Resp: 90260

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

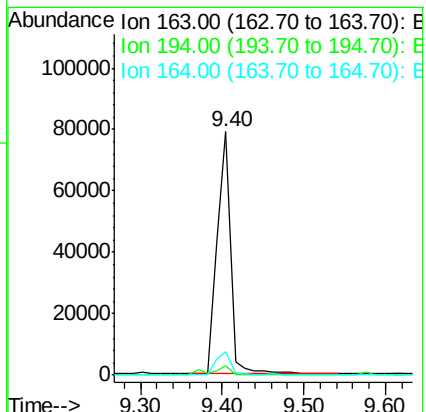
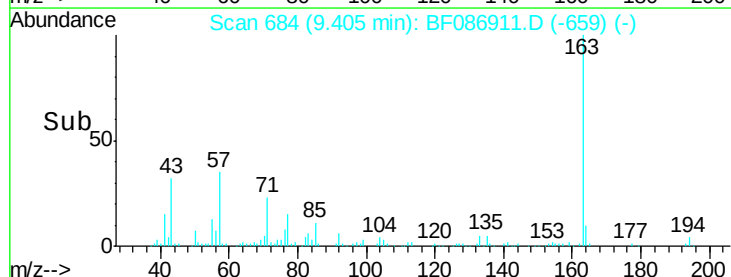
164 9.7 8.2 12.4

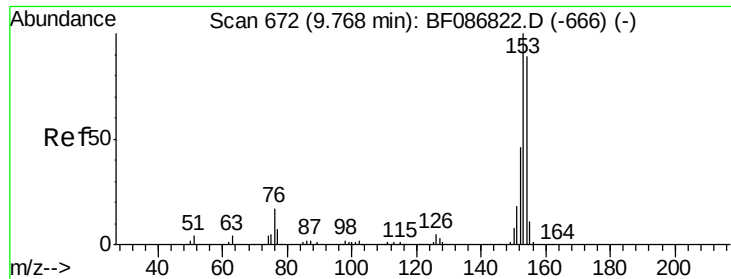


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 8.45 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

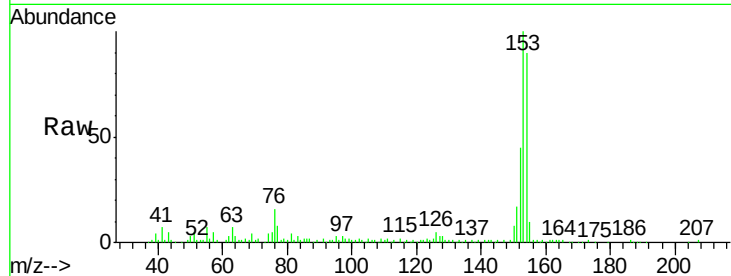
Tgt Ion:154 Resp: 94024

Ion Ratio Lower Upper

154 100

153 111.3 89.8 134.6

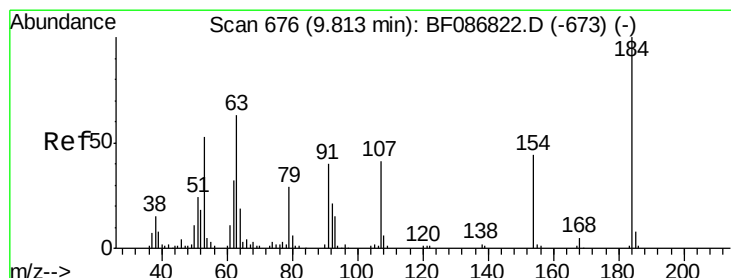
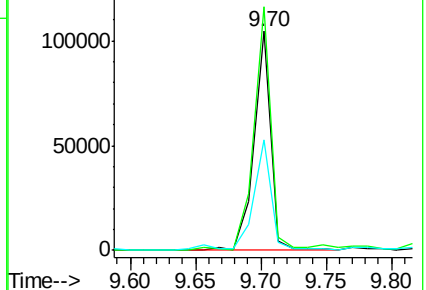
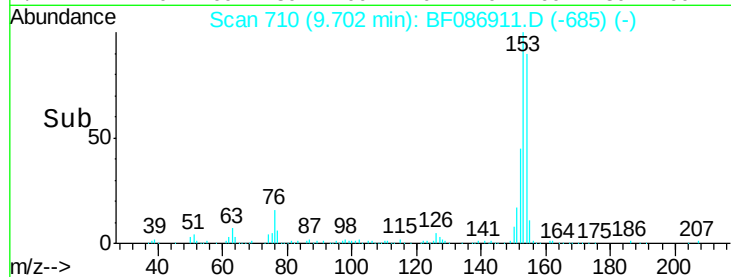
152 50.6 43.4 65.0



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



#53

2,4-Dinitrophenol

Concen: 7.86 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.19 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

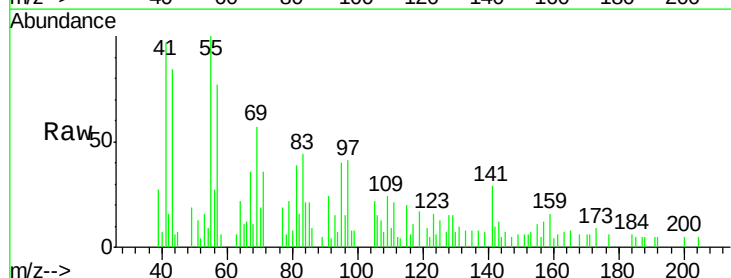
Tgt Ion:184 Resp: 291

Ion Ratio Lower Upper

184 100

63 99.5 55.8 83.8#

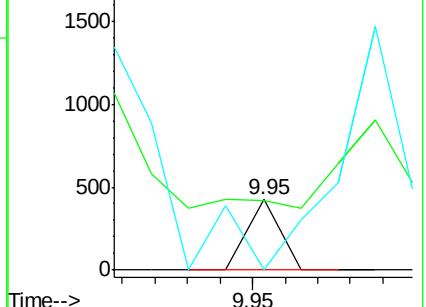
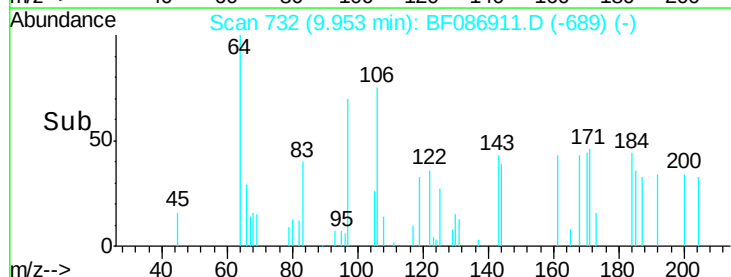
154 0.0 62.4 93.6#

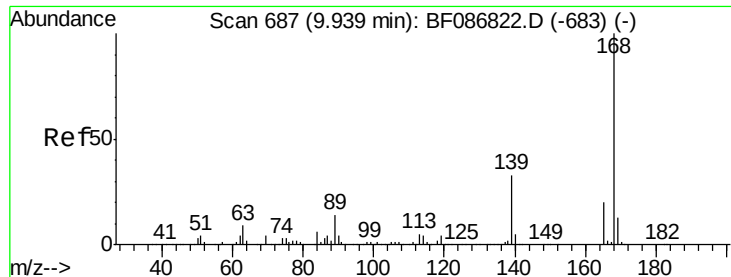


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

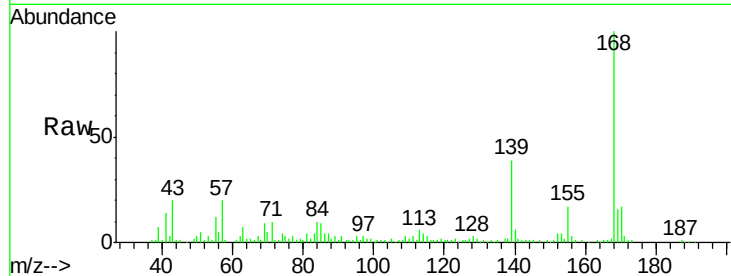




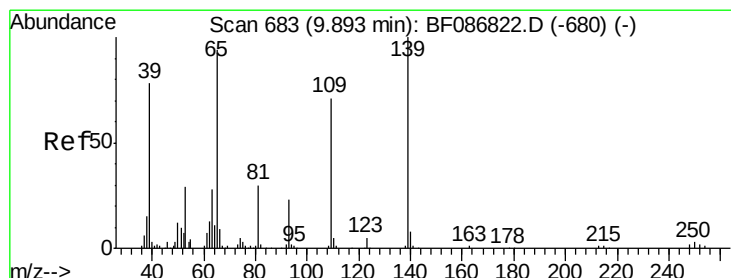
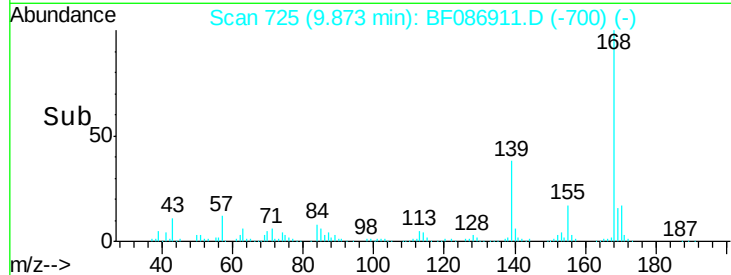
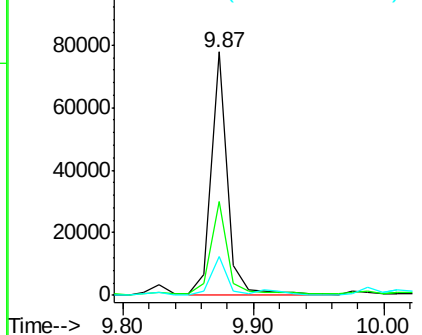
#54
Dibenzofuran
Concen: 4.82 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.4	47.0
169	15.9	10.7	16.1

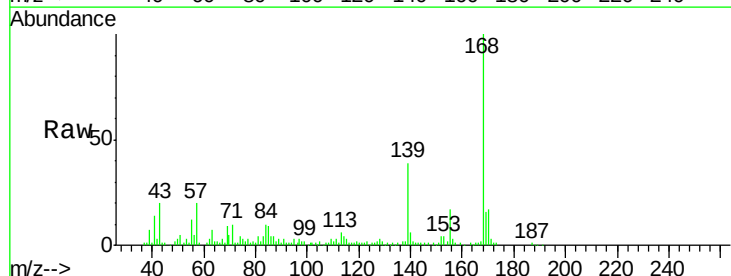


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

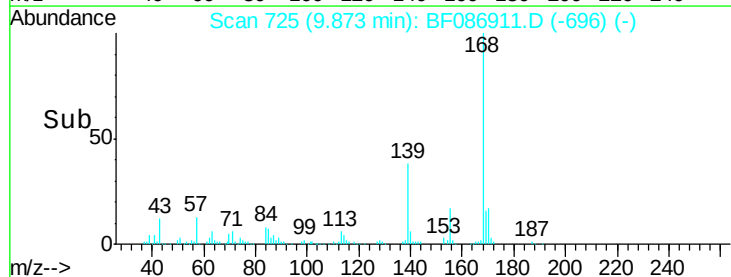
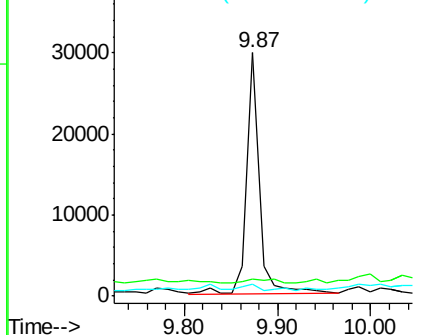


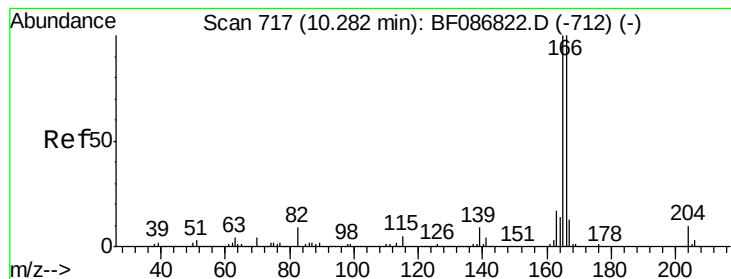
#55
4-Nitrophenol
Concen: 16.75 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.03 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	6.8	36.9	76.9#
65	5.0	64.0	104.0#



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: 3.50 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

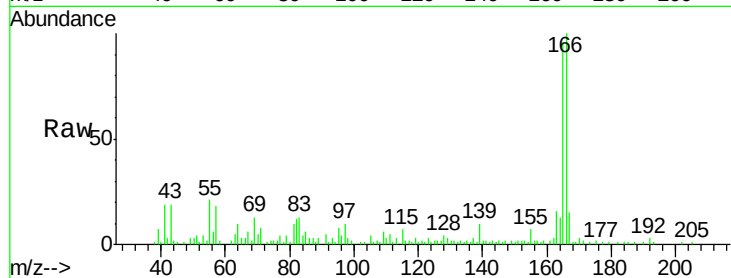
Tgt Ion:166 Resp: 42601

Ion Ratio Lower Upper

166 100

165 96.4 79.0 118.6

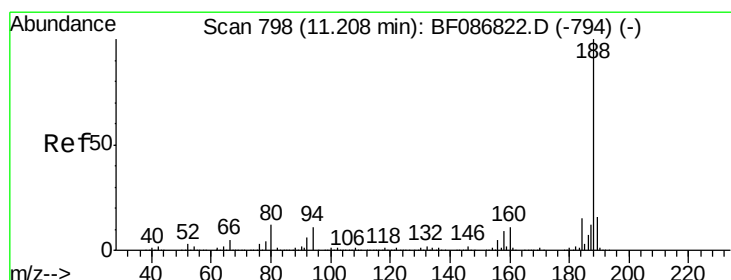
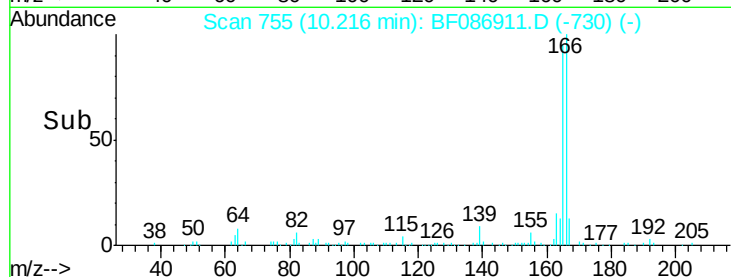
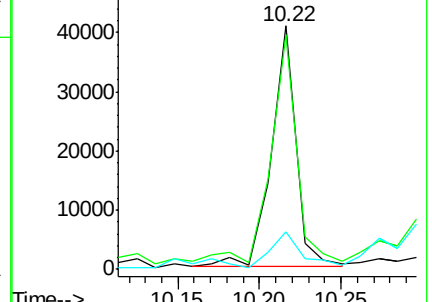
167 15.5 10.6 15.8



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: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

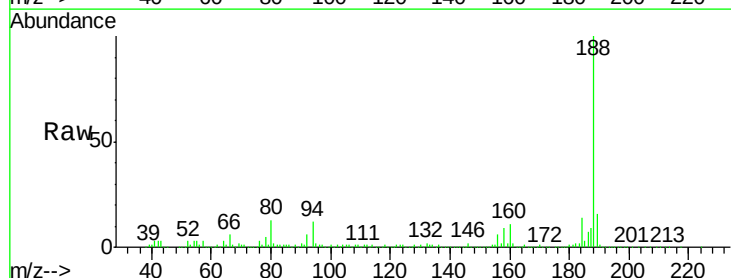
Tgt Ion:188 Resp: 303384

Ion Ratio Lower Upper

188 100

94 11.9 6.8 10.2#

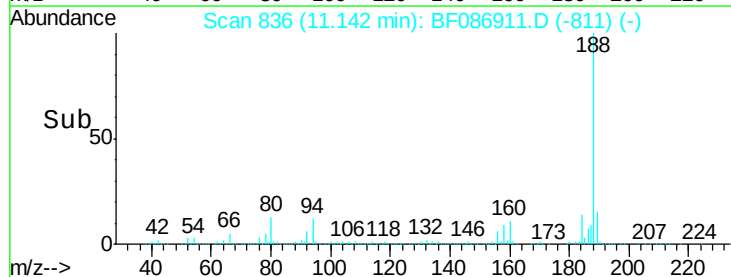
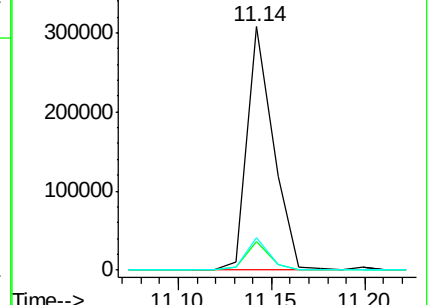
80 13.1 7.1 10.7#

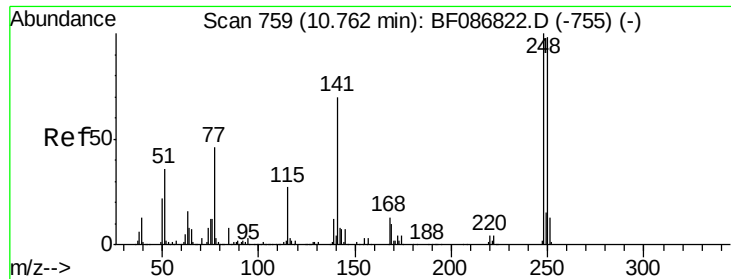


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

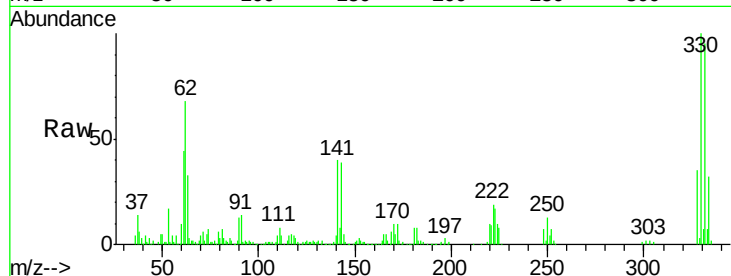




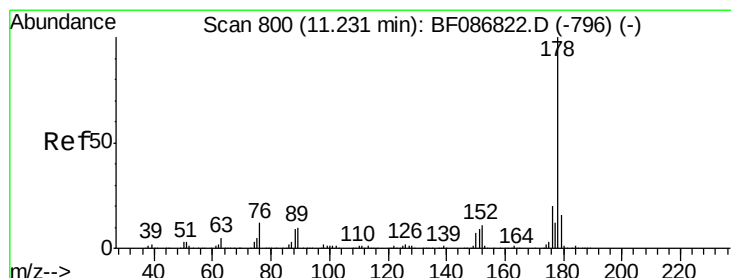
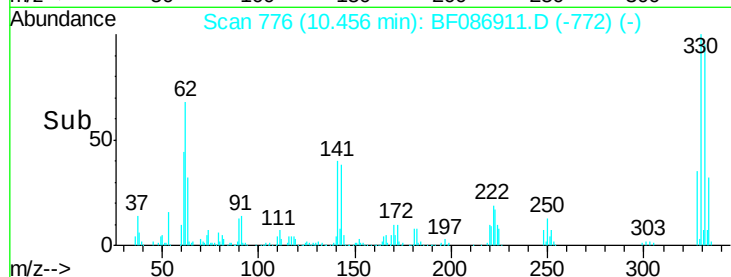
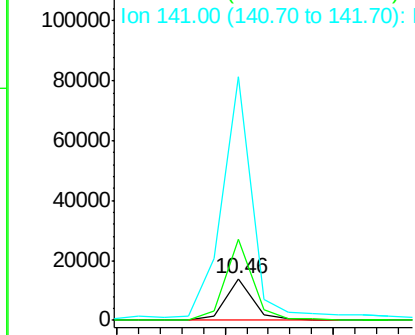
#66
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.25 min
 Lab File: BF086911.D
 Acq: 12 May 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)

Tgt Ion:248 Resp: 12104
 Ion Ratio Lower Upper
 248 100
 250 193.5 78.6 117.8#
 141 583.4 76.0 114.0#

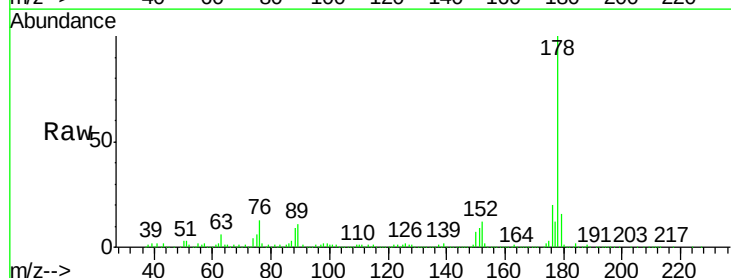


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

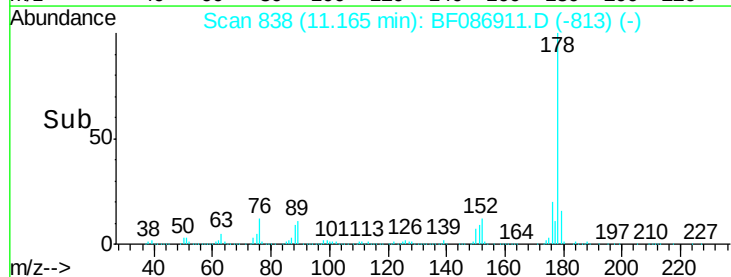
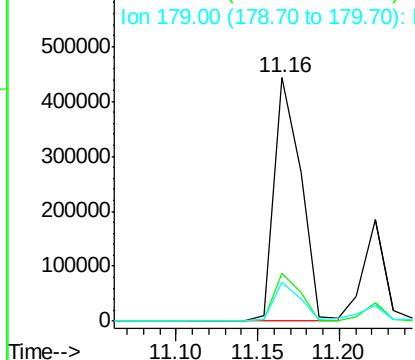


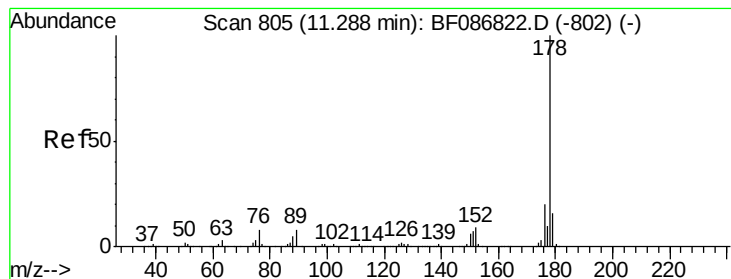
#70
 Phenanthrene
 Concen: 31.12 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF086911.D
 Acq: 12 May 2016 2:24

Tgt Ion:178 Resp: 503902
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 10.46 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

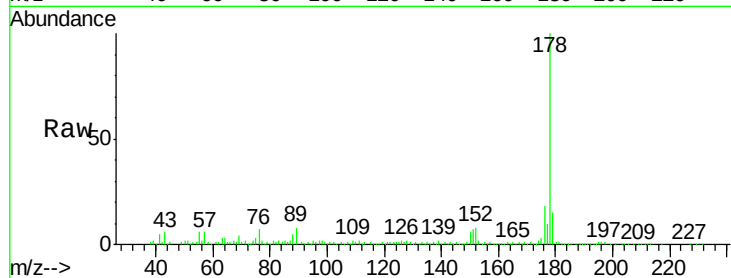
Tgt Ion:178 Resp: 173224

Ion Ratio Lower Upper

178 100

176 18.2 15.6 23.4

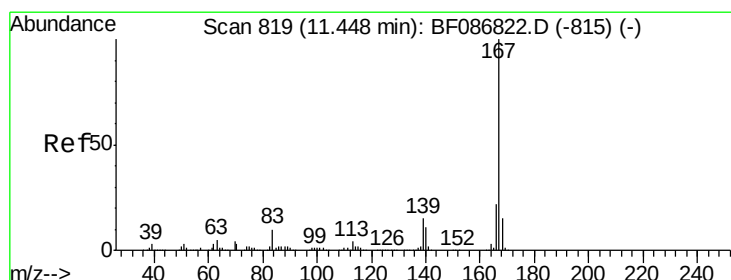
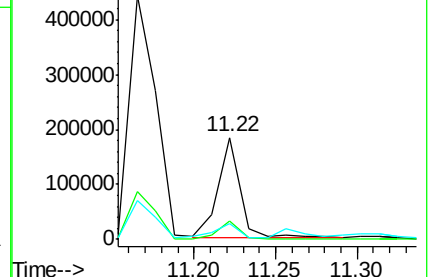
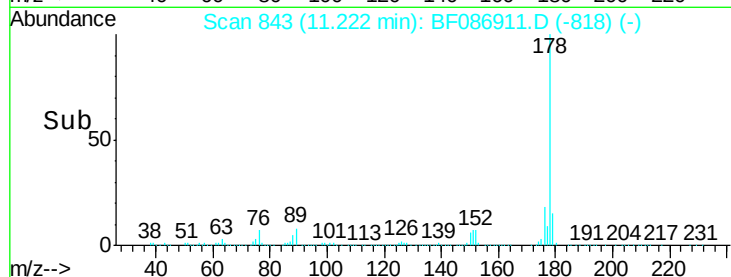
179 15.4 12.7 19.1



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: 3.03 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

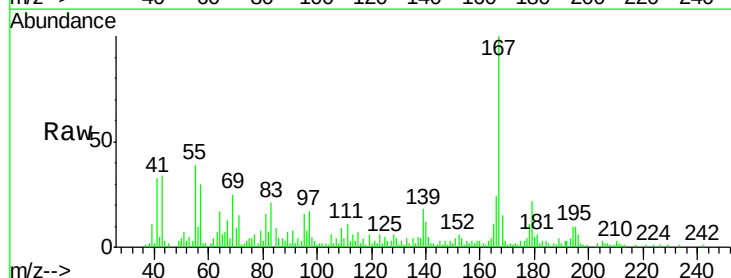
Tgt Ion:167 Resp: 43065

Ion Ratio Lower Upper

167 100

166 24.0 17.7 26.5

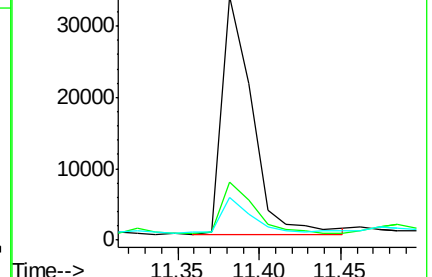
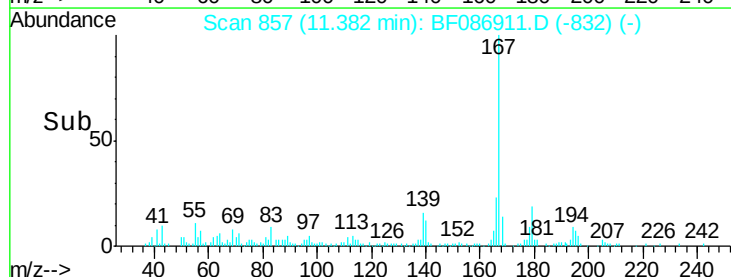
139 17.7 10.8 16.2#

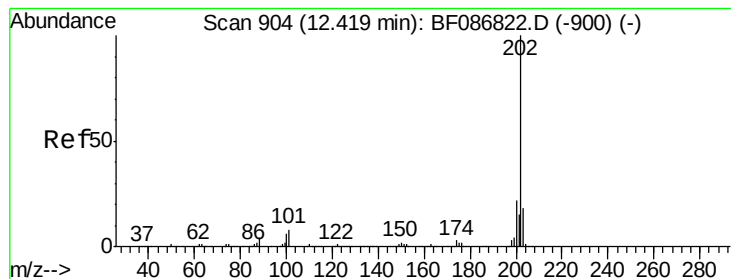


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 53.36 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

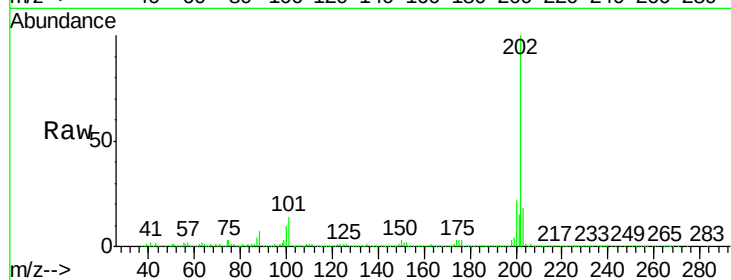
Tgt Ion:202 Resp: 888643

Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.4

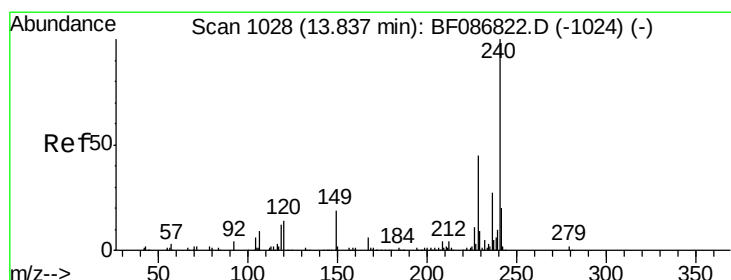
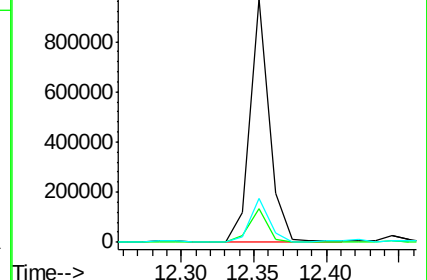
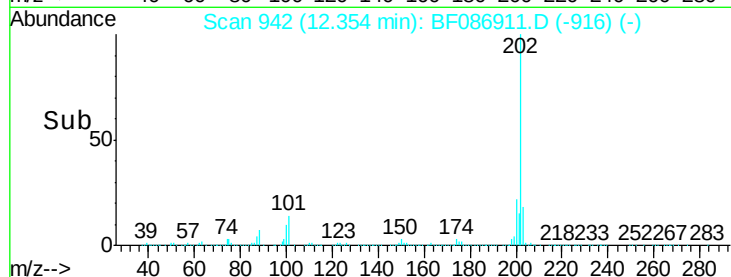
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

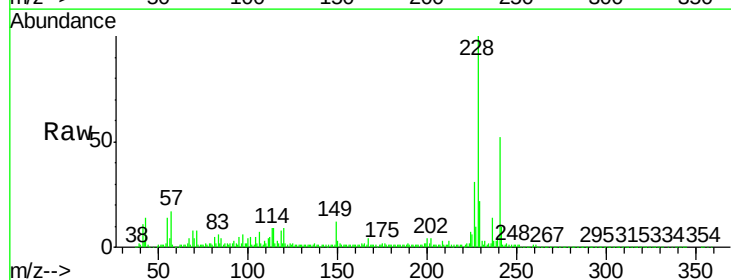
Tgt Ion:240 Resp: 258163

Ion Ratio Lower Upper

240 100

120 18.2 11.2 16.8#

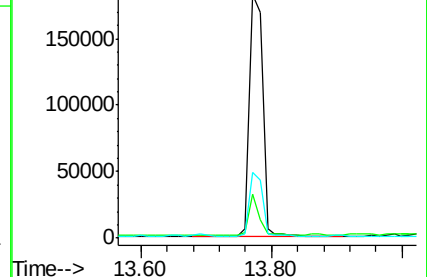
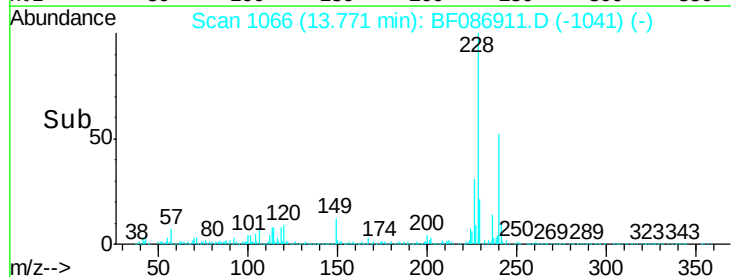
236 27.1 21.2 31.8

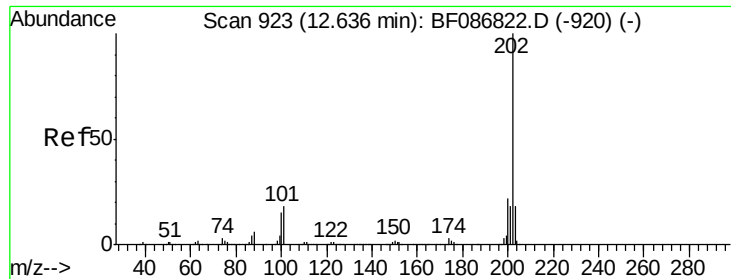


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 45.57 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

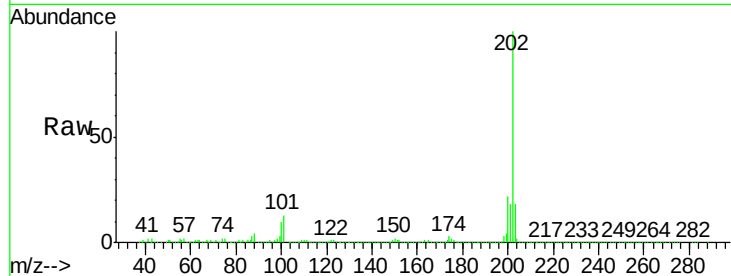
Tgt Ion:202 Resp: 900624

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

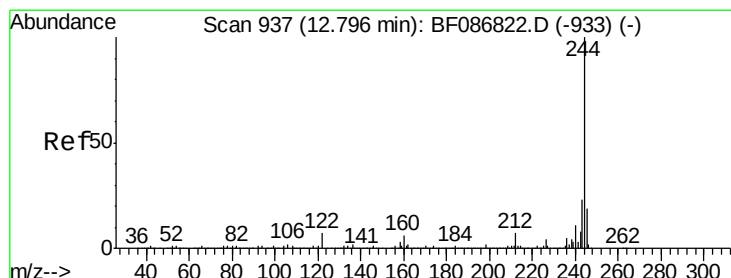
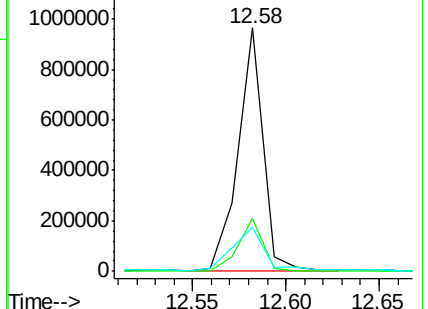
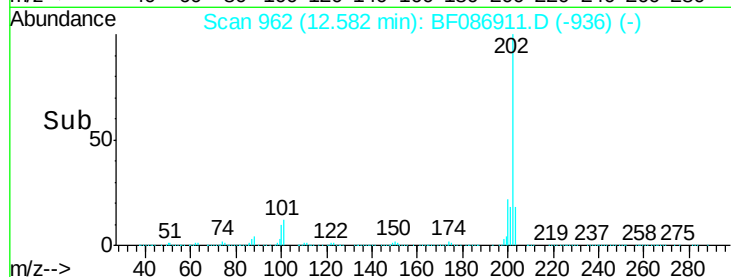
203 18.1 14.2 21.4



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: 59.59 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

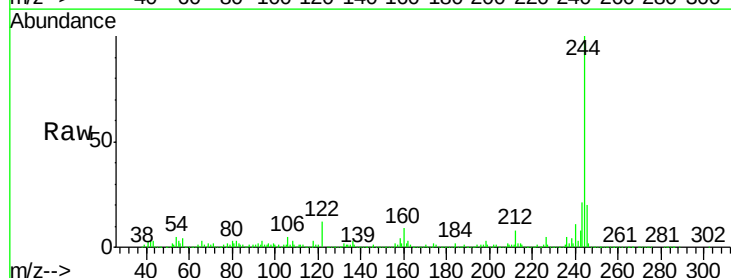
Tgt Ion:244 Resp: 725124

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

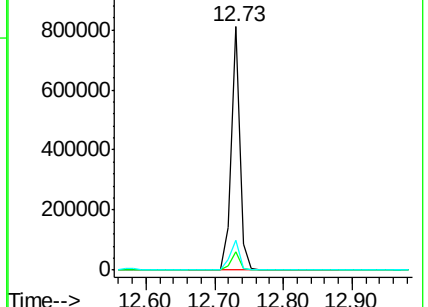
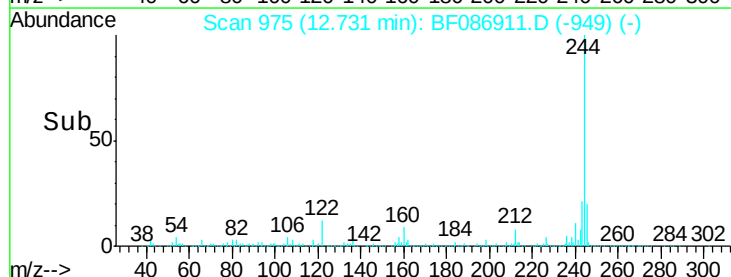
122 12.4 12.0 18.0

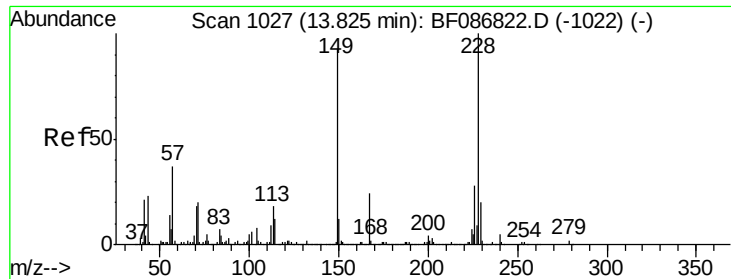


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 34.42 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

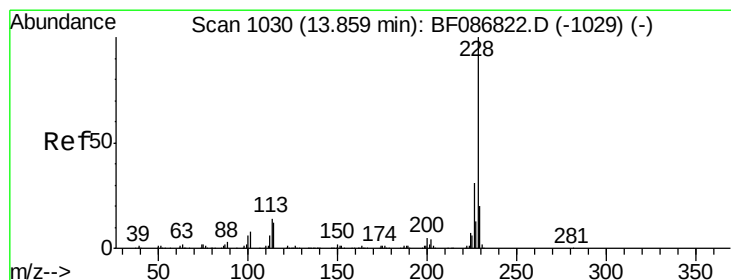
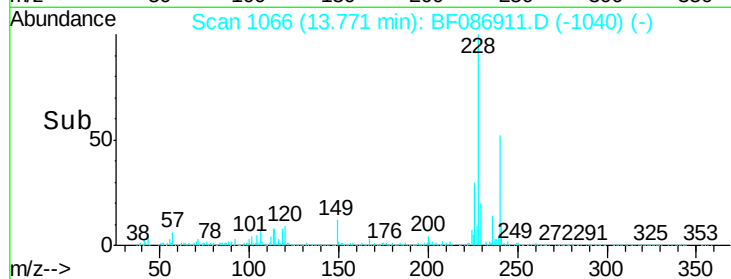
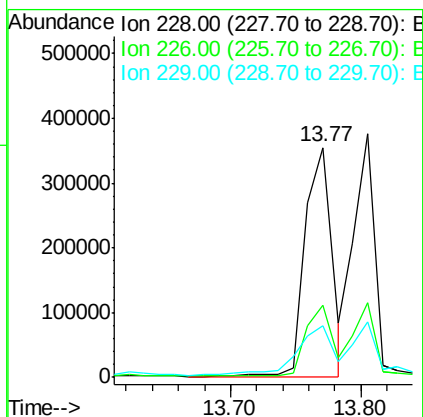
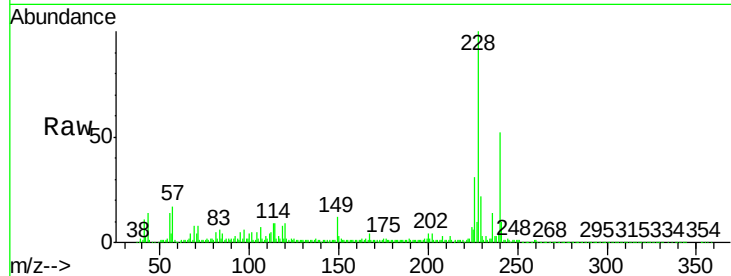
Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

Tgt Ion:	228	Resp:	498825
Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	22.2	16.6	25.0



#82

Chrysene

Concen: 33.84 ng

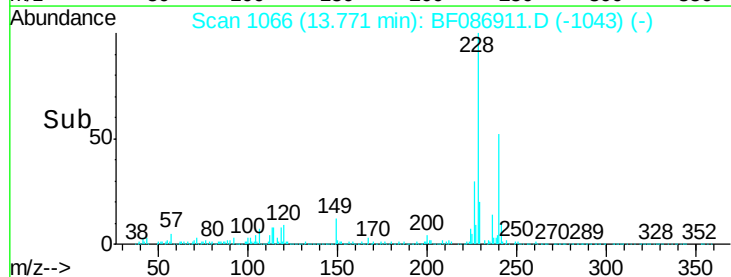
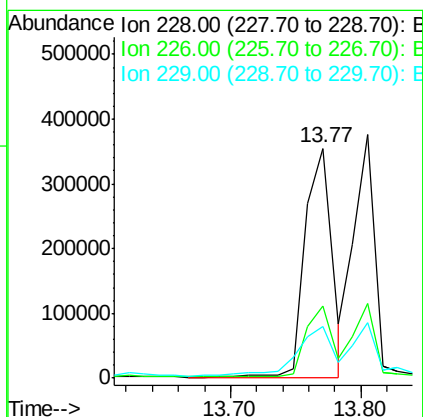
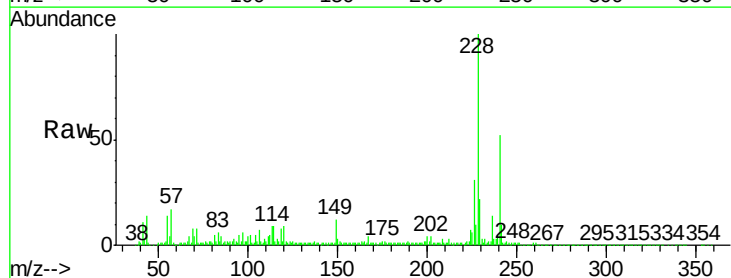
RT: 13.77 min Scan# 1066

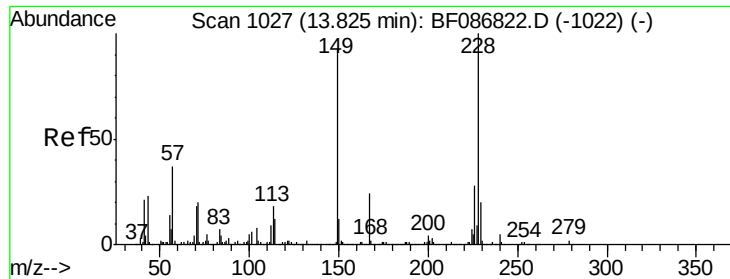
Delta R.T. -0.03 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Tgt Ion:	228	Resp:	498825
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	22.2	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.43 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

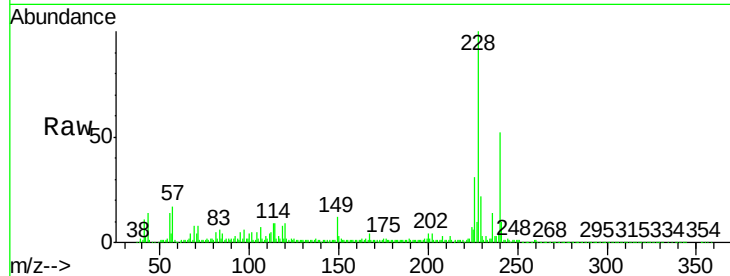
Tgt Ion:149 Resp: 44544

Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.6

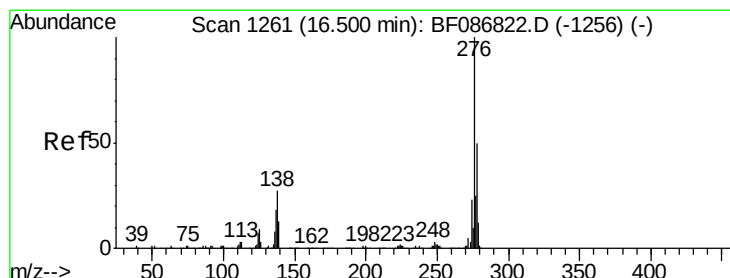
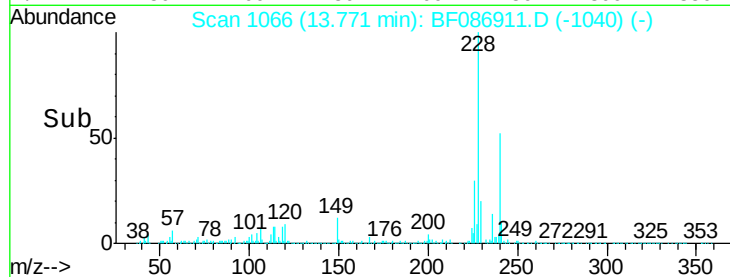
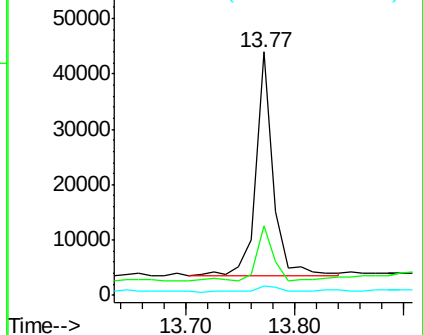
279 3.7 2.6 4.0



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: 13.65 ng

RT: 16.40 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

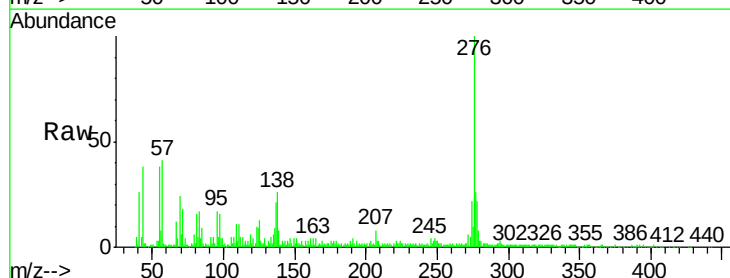
Tgt Ion:276 Resp: 167444

Ion Ratio Lower Upper

276 100

138 21.8 25.6 38.4#

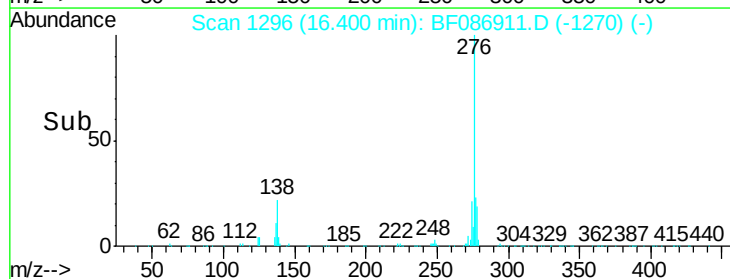
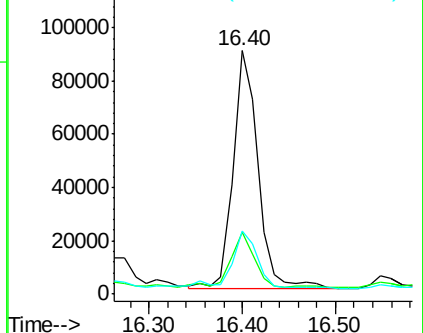
277 26.0 20.5 30.7

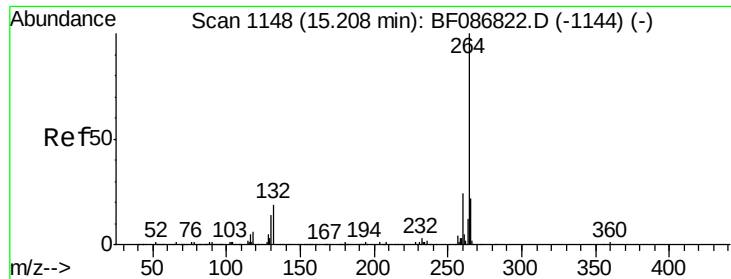


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

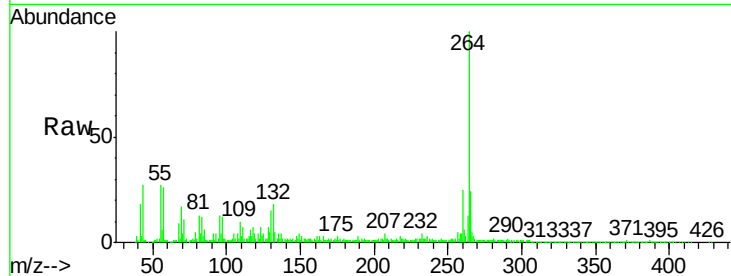




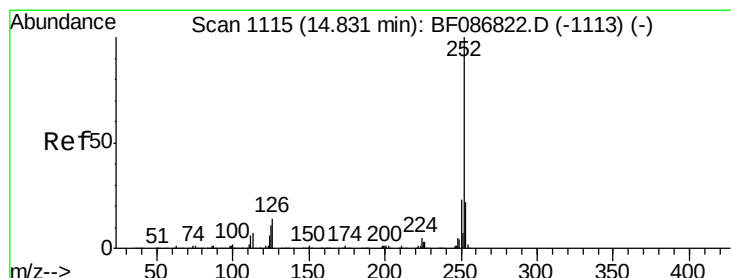
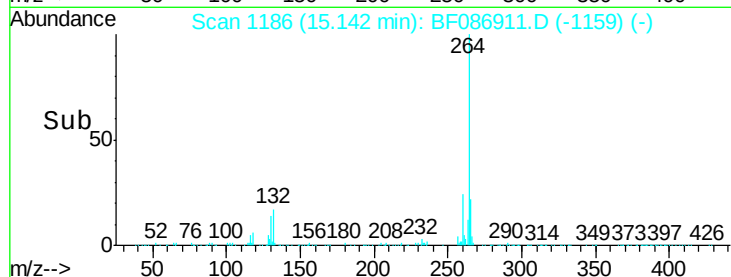
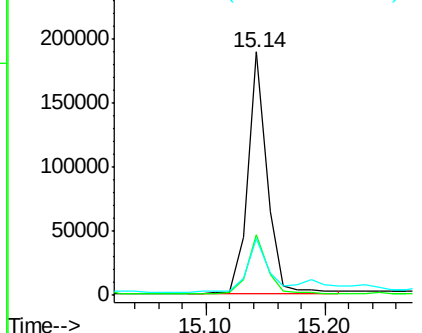
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)

Tgt Ion:264 Resp: 214905
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 23.6 17.3 25.9

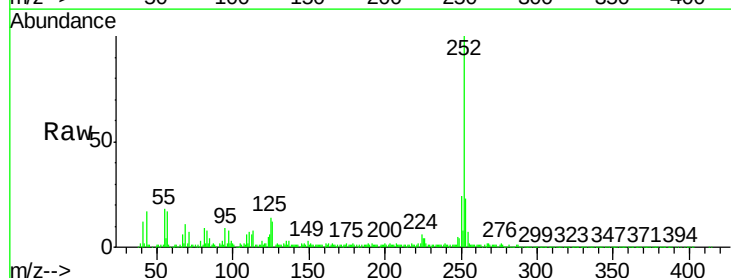


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

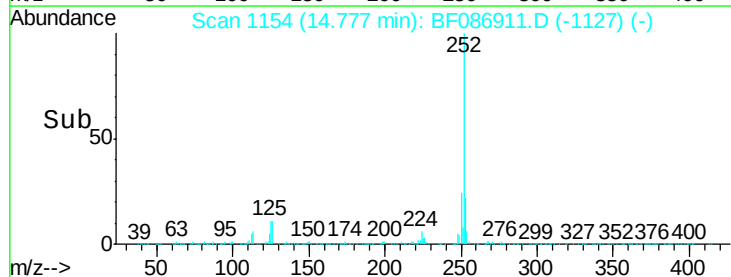
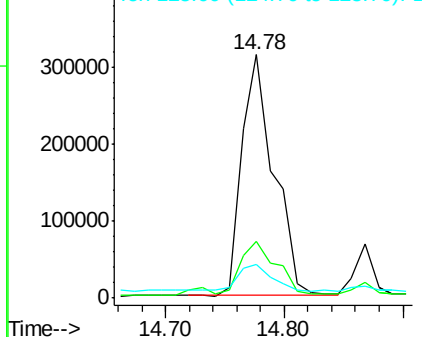


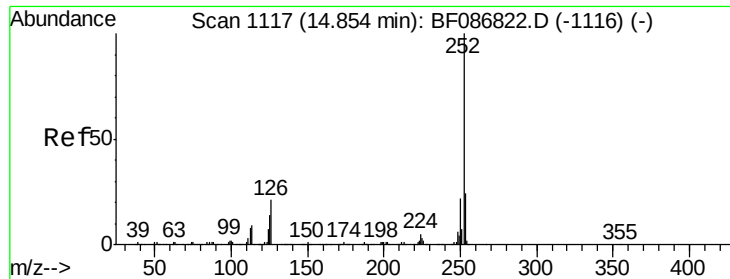
#87
Benzo(b)fluoranthene
Concen: 42.36 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086911.D
Acq: 12 May 2016 2:24

Tgt Ion:252 Resp: 591631
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 13.6 11.4 17.0



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: 51.73 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

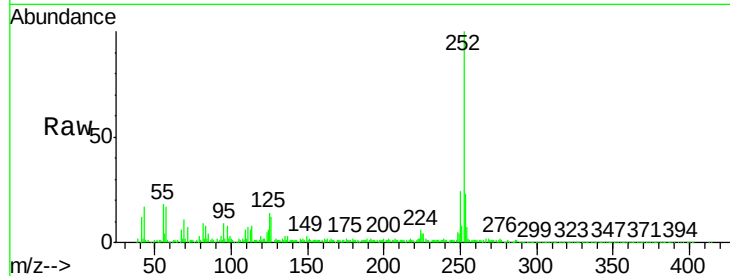
Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

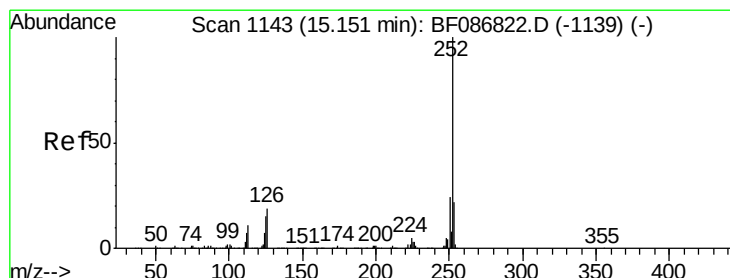
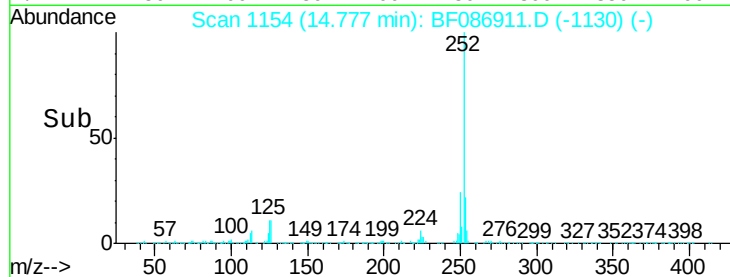
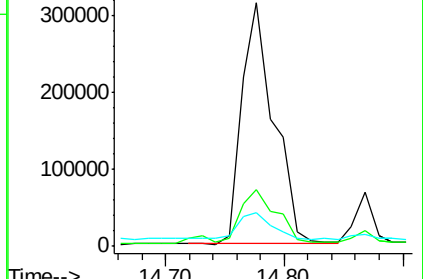
Tgt Ion:	252	Resp:	591631
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	13.6	9.1	13.7



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: 25.53 ng

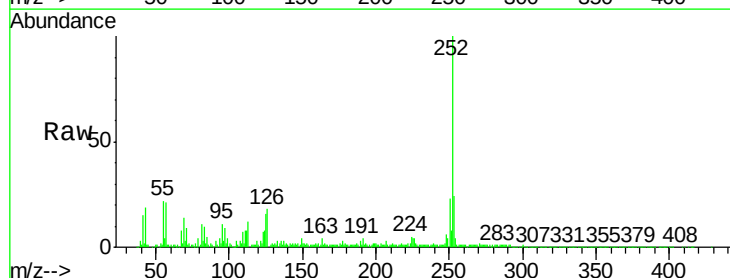
RT: 15.09 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

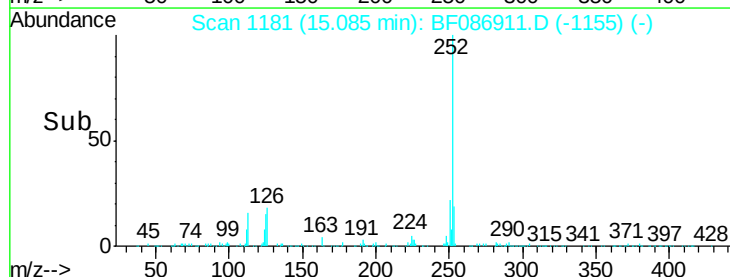
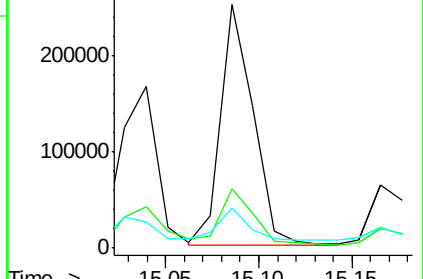
Tgt Ion:	252	Resp:	307524
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.2	25.8
125	16.3	9.0	13.6#

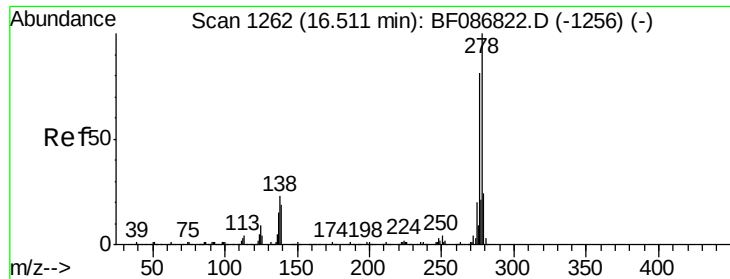


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 5.24 ng

RT: 16.41 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

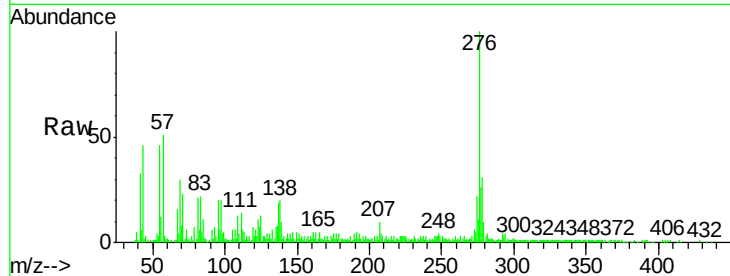
Tgt Ion:278 Resp: 53243

Ion Ratio Lower Upper

278 100

139 30.8 16.6 24.8#

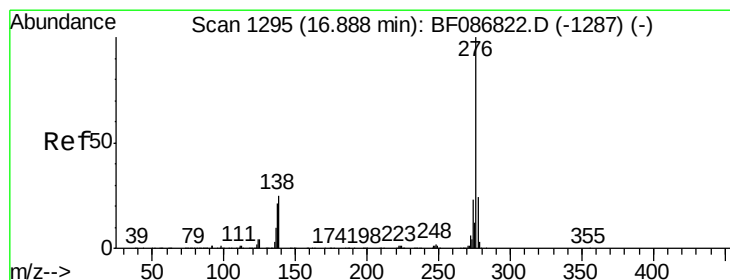
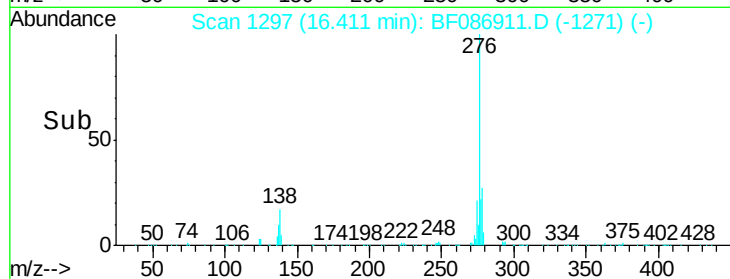
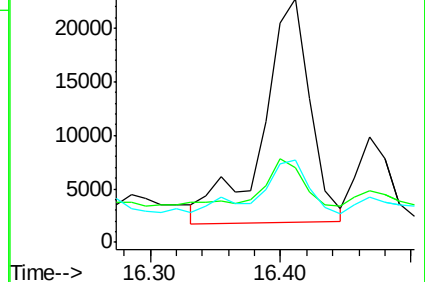
279 33.7 19.6 29.4#



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: 15.13 ng

RT: 16.78 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF086911.D

Acq: 12 May 2016 2:24

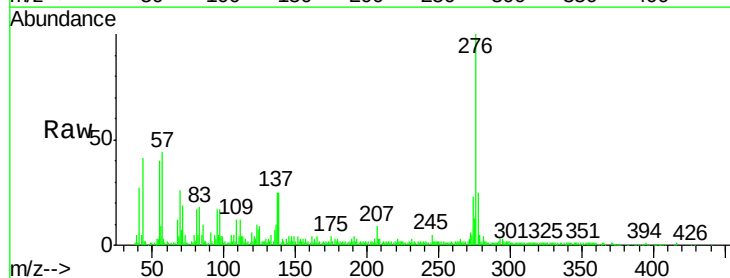
Tgt Ion:276 Resp: 156138

Ion Ratio Lower Upper

276 100

277 25.1 19.6 29.4

138 25.2 23.6 35.4



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

