

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086914.D
 Acq On : 12 May 2016 3:51
 Operator : UM/SJ
 Sample : H2965-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-16(6.5-7)

Quant Time: May 12 05:55:49 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	125881	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	474104	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	182546	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	292267	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	253682	20.00	ng	0.00
86) Perylene-d12	15.14	264	208571	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	898364	120.86	ng	0.01
7) Phenol-d6	6.30	99	996095	100.27	ng	-0.01
23) Nitrobenzene-d5	7.21	82	767247	81.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	174172	90.13	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	880060	81.02	ng	0.00
78) Terphenyl-d14	12.73	244	597819	50.00	ng	0.00

Target Compounds

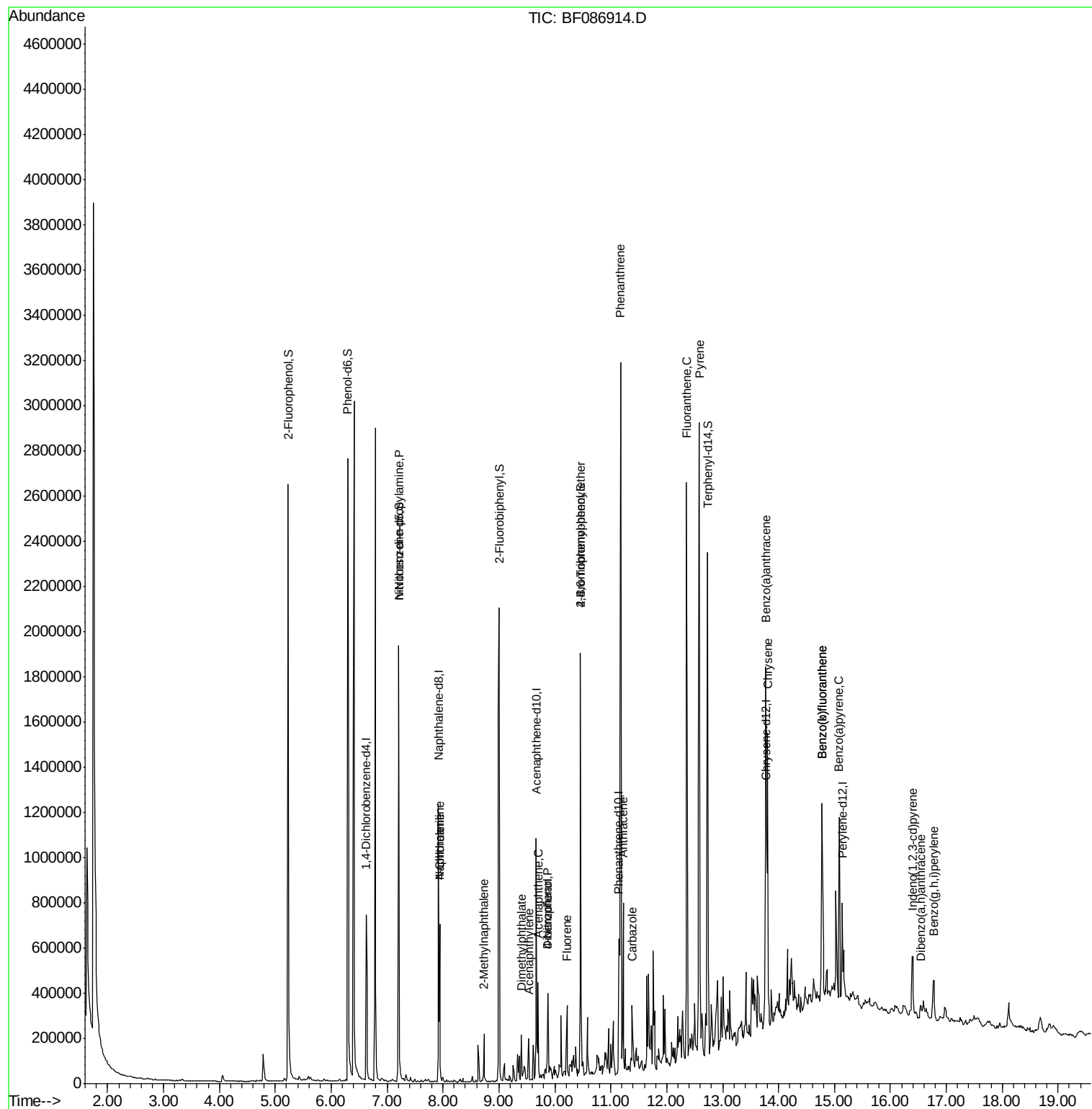
						Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	107394	15.47	ng	# 80
31) Naphthalene	7.94	128	273011	11.50	ng	99
33) 4-Chloroaniline	7.94	127	34843	3.78	ng	# 36
37) 2-Methylnaphthalene	8.73	142	52935	3.81	ng	94
48) Acenaphthylene	9.53	152	60459	3.61	ng	97
49) Dimethylphthalate	9.40	163	88504	6.35	ng	98
51) Acenaphthene	9.70	154	94016	9.03	ng	98
54) Dibenzofuran	9.87	168	111528	8.35	ng	98
55) 4-Nitrophenol	9.87	139	45088	25.23	ng	# 16
57) Fluorene	10.22	166	92546	8.12	ng	99
66) 4-Bromophenyl-phenylether	10.46	248	10918	3.68	ng	# 1
70) Phenanthrene	11.18	178	1262212	80.93	ng	99
71) Anthracene	11.22	178	286622	17.97	ng	98
72) Carbazole	11.38	167	119364	8.70	ng	98
74) Fluoranthene	12.35	202	1257744	78.40	ng	99
77) Pyrene	12.58	202	1079130	55.56	ng	99
80) Benzo(a)anthracene	13.77	228	592944	41.64	ng	99
82) Chrysene	13.81	228	513514	35.45	ng	98
85) Indeno(1,2,3-cd)pyrene	16.40	276	174467	14.48	ng	# 93
87) Benzo(b)fluoranthene	14.78	252	665221	49.08	ng	96
88) Benzo(k)fluoranthene	14.78	252	665221	59.93	ng	99
89) Benzo(a)pyrene	15.09	252	345982	29.59	ng	97
90) Dibenzo(a,h)anthracene	16.55	278	39315	3.99	ng	94
91) Benzo(g,h,i)perylene	16.78	276	151694	15.15	ng	# 91

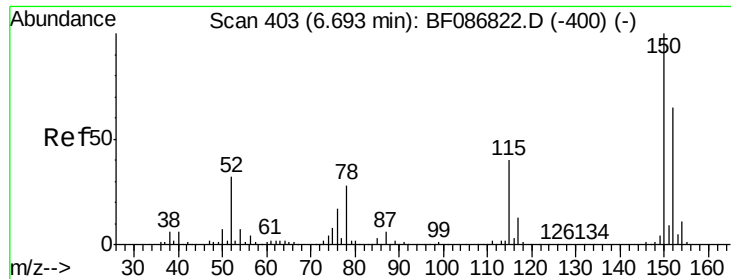
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
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: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampled :

E-16(6.5-7)

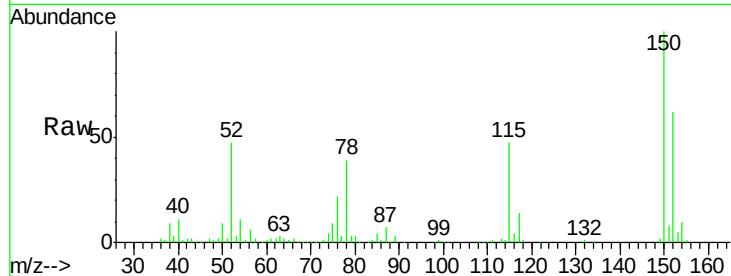
Tgt Ion:152 Resp: 125881

Ion Ratio Lower Upper

152 100

150 160.8 125.8 188.6

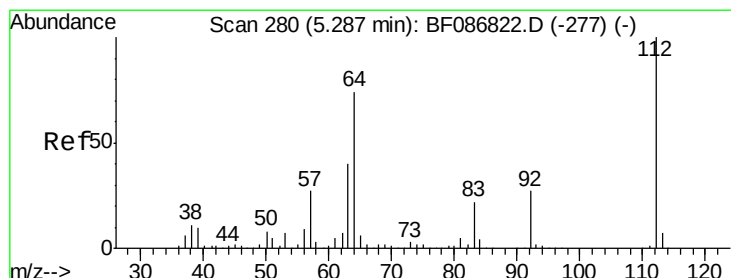
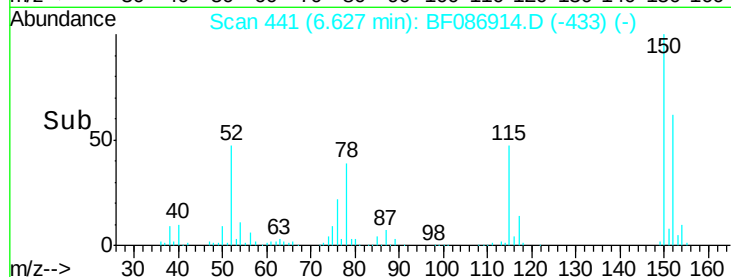
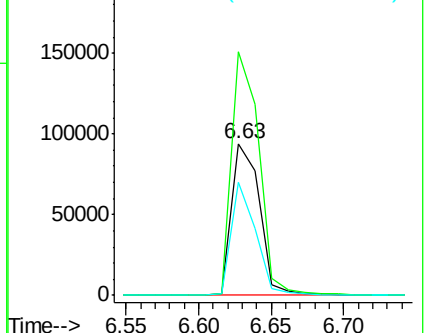
115 74.9 51.5 77.3



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: 120.86 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

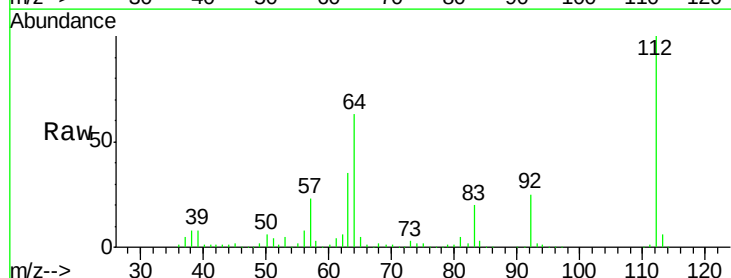
Tgt Ion:112 Resp: 898364

Ion Ratio Lower Upper

112 100

64 63.5 52.1 78.1

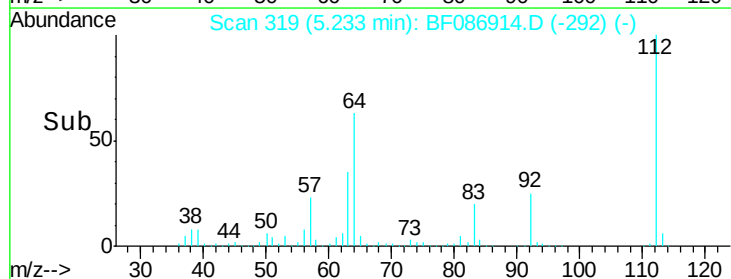
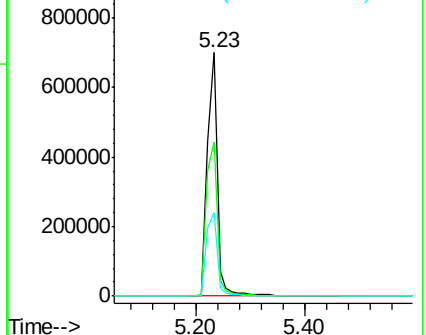
63 34.6 25.7 38.5

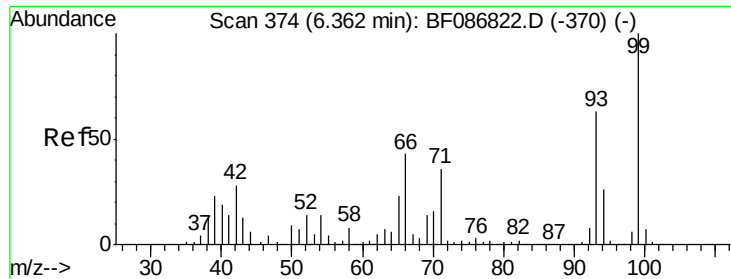


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.27 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampled :

E-16(6.5-7)

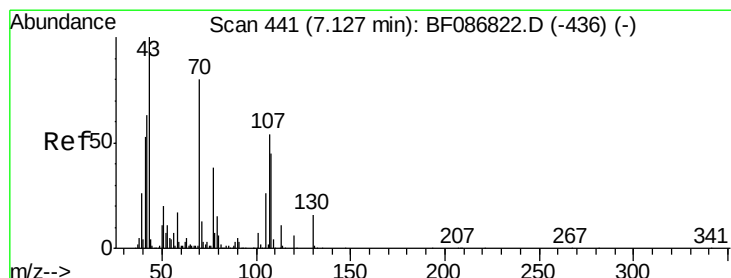
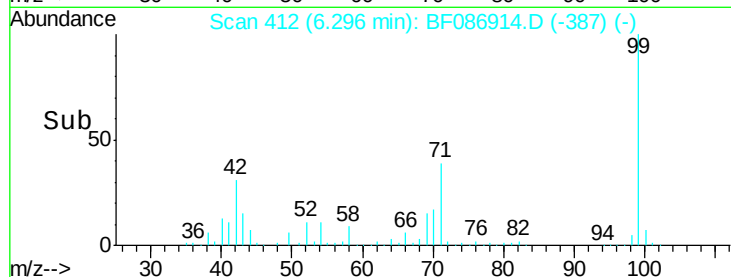
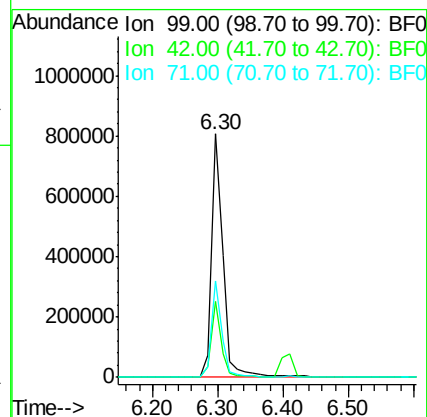
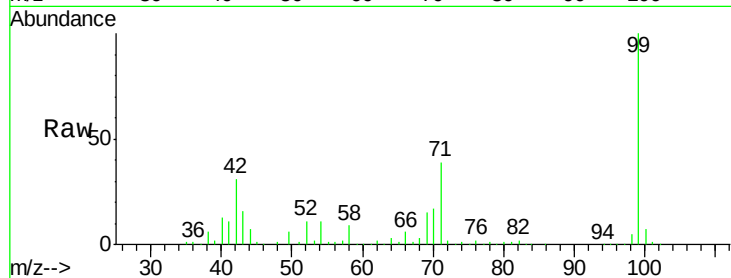
Tgt Ion: 99 Resp: 996095

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

71 39.4 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 15.47 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.14 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Tgt Ion: 70 Resp: 107394

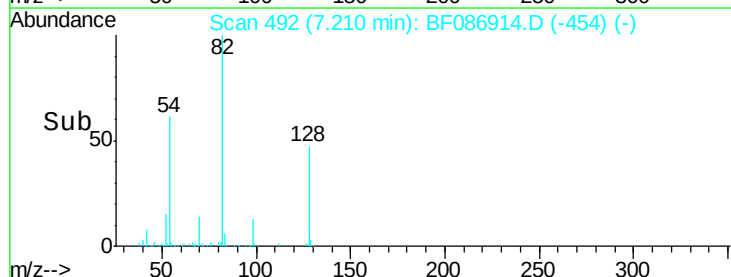
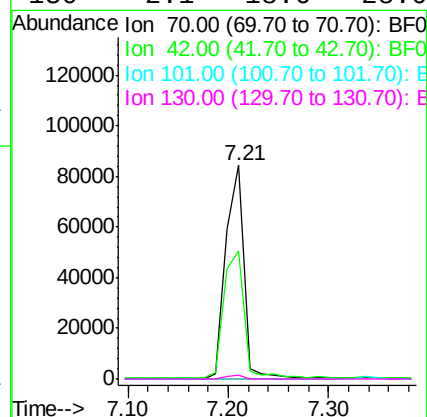
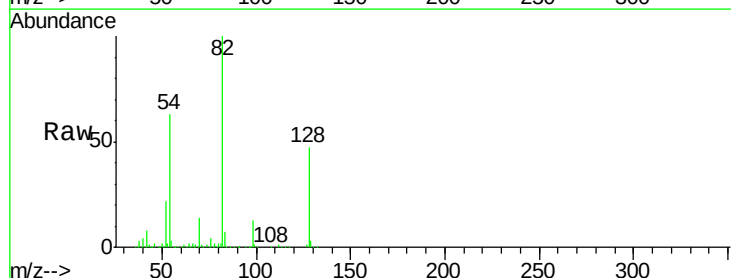
Ion Ratio Lower Upper

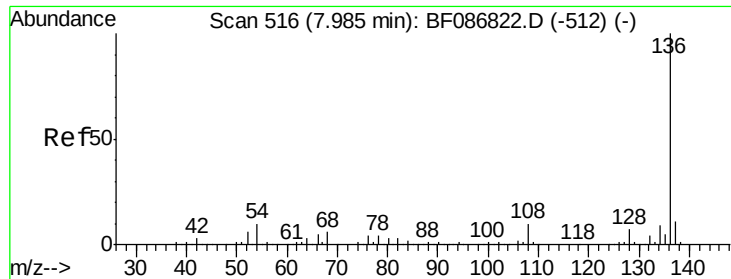
70 100

42 59.9 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

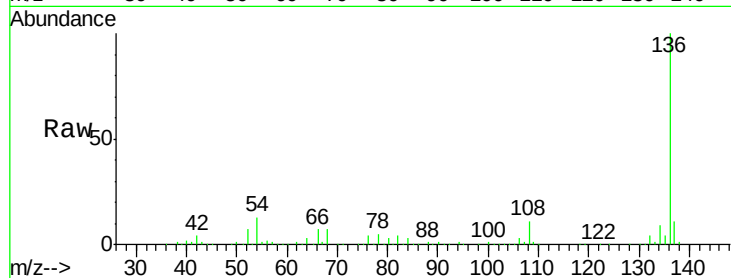




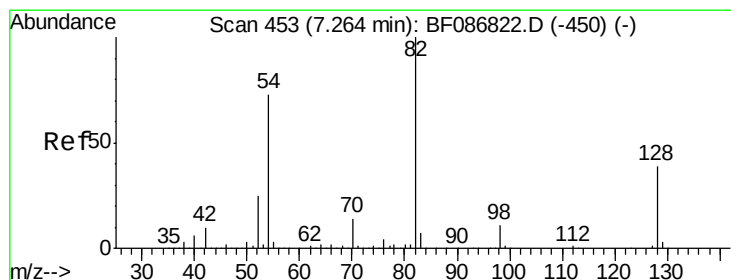
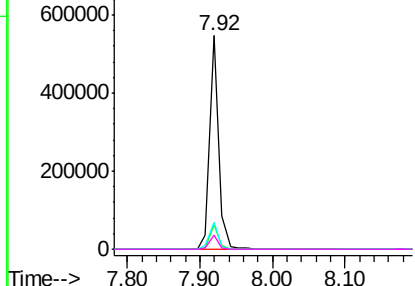
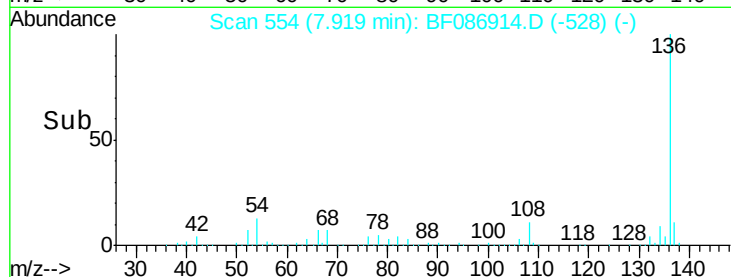
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF086914.D
Acq: 12 May 2016 3:51

Instrument :
BNA_F
ClientSampleId :
E-16(6.5-7)

Tgt Ion:	136	Resp:	474104
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	12.7	5.0	7.4#
68	6.6	4.4	6.6#

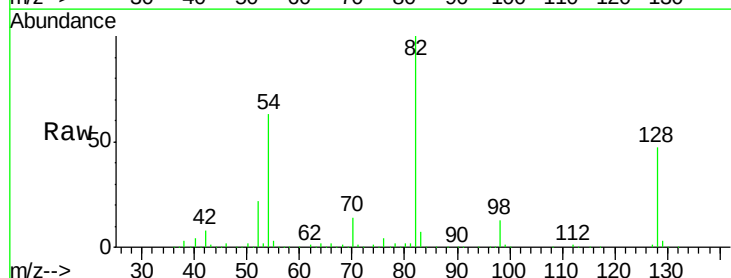


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

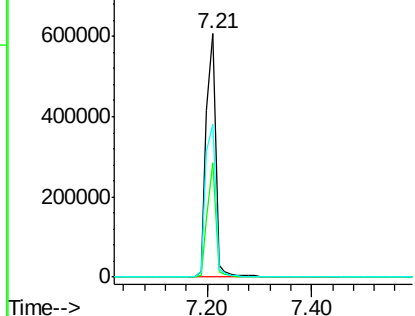
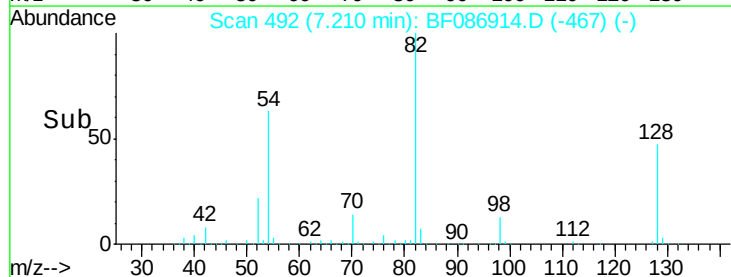


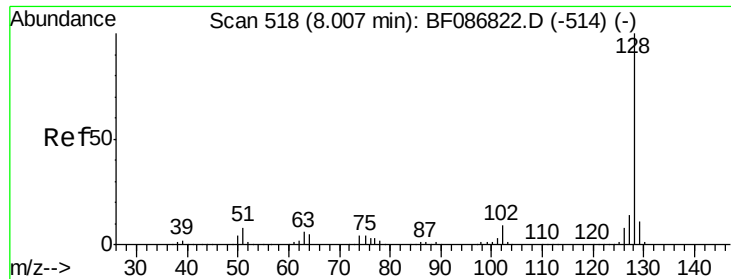
#23
Nitrobenzene-d5
Concen: 81.26 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086914.D
Acq: 12 May 2016 3:51

Tgt Ion:	82	Resp:	767247
Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.6	61.0
54	62.6	38.1	57.1#



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

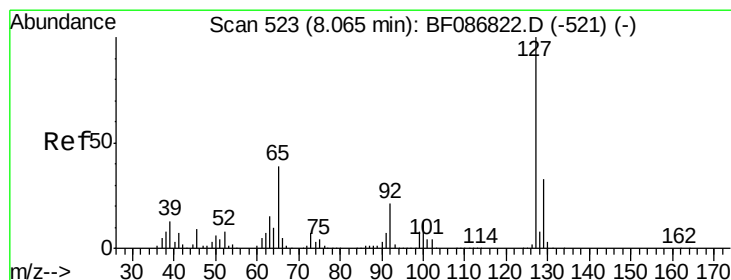
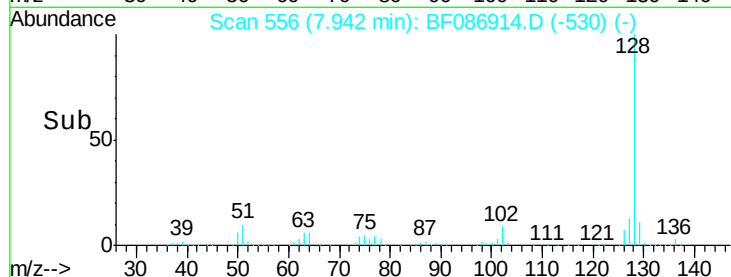
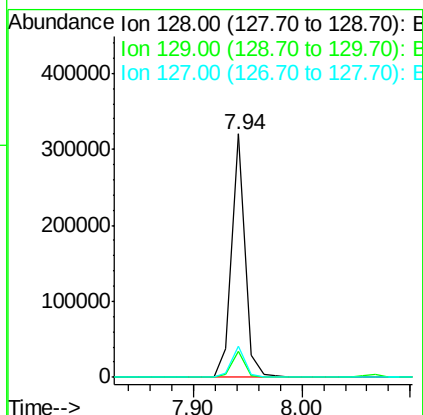
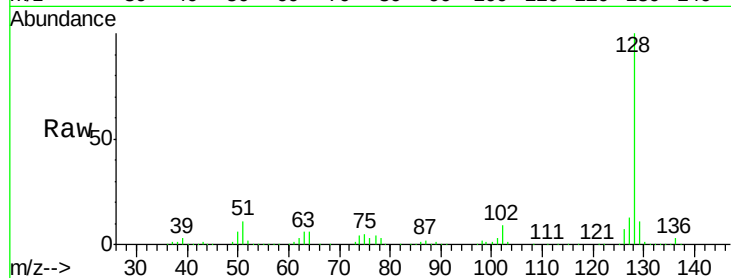




#31
Naphthalene
Concen: 11.50 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF086914.D
Acq: 12 May 2016 3:51

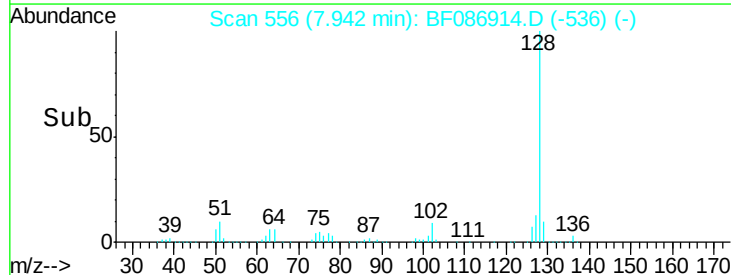
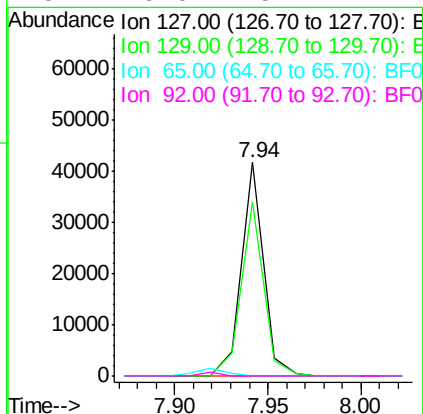
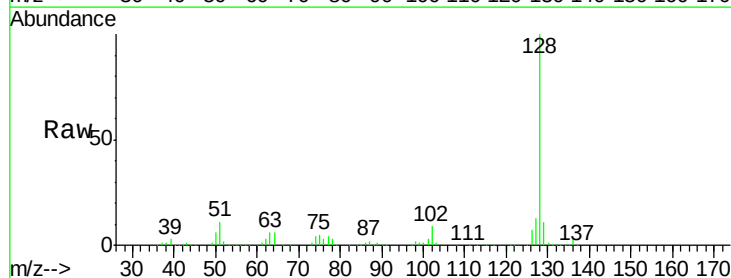
Instrument :
BNA_F
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E-16(6.5-7)

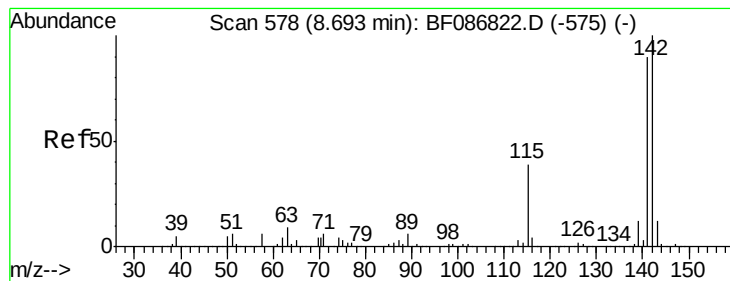
Tgt Ion:128 Resp: 273011
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.0 10.8 16.2



#33
4-Chloroaniline
Concen: 3.78 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.07 min
Lab File: BF086914.D
Acq: 12 May 2016 3:51

Tgt Ion:127 Resp: 34843
Ion Ratio Lower Upper
127 100
129 81.3 26.2 39.4#
65 0.0 23.0 34.4#
92 0.0 15.1 22.7#





#37

2-Methylnaphthalene

Concen: 3.81 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.09 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

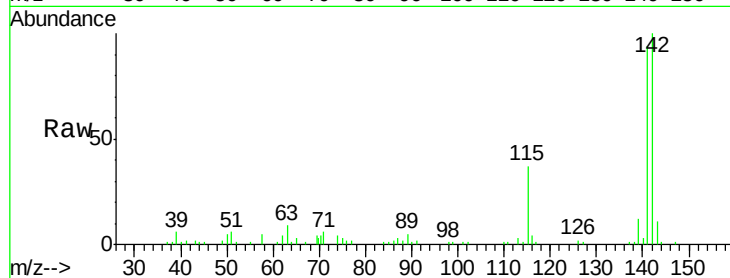
Tgt Ion:142 Resp: 52935

Ion Ratio Lower Upper

142 100

141 94.3 71.0 106.6

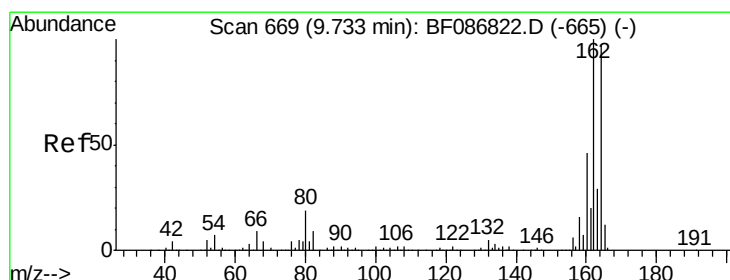
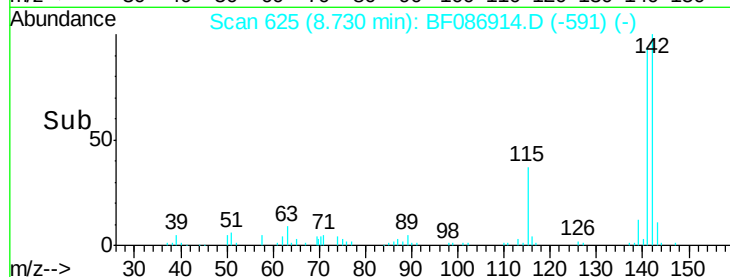
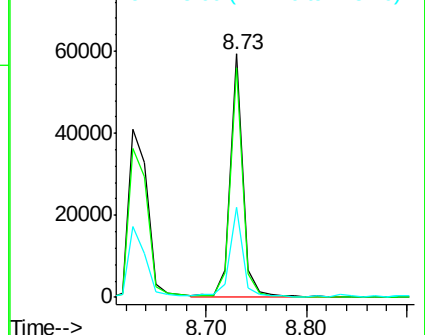
115 37.1 26.6 39.8



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: BF086914.D

Acq: 12 May 2016 3:51

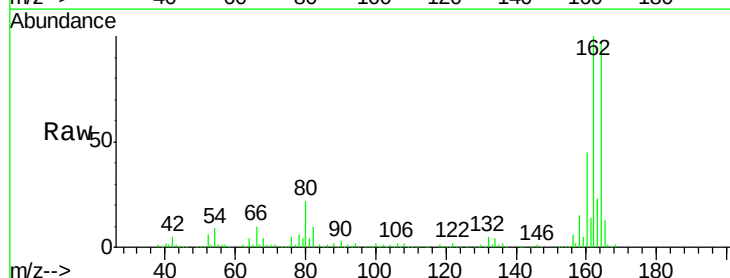
Tgt Ion:164 Resp: 182546

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

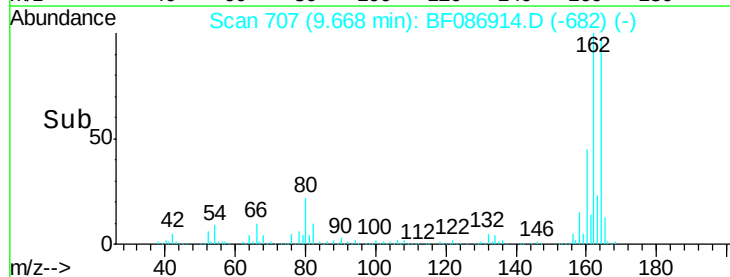
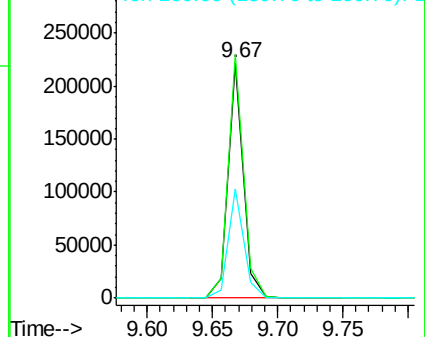
160 46.3 36.9 55.3

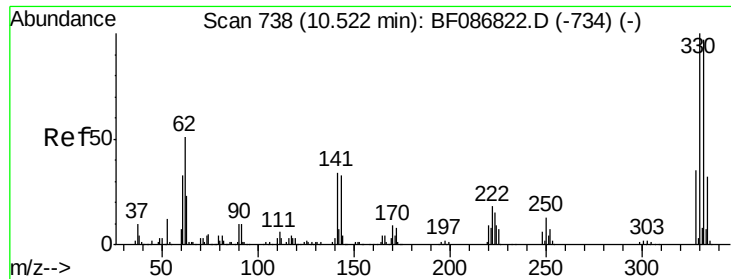


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

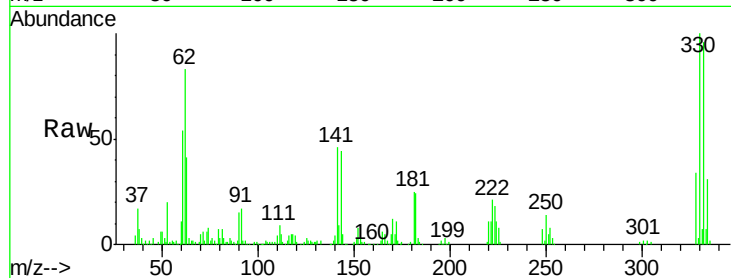




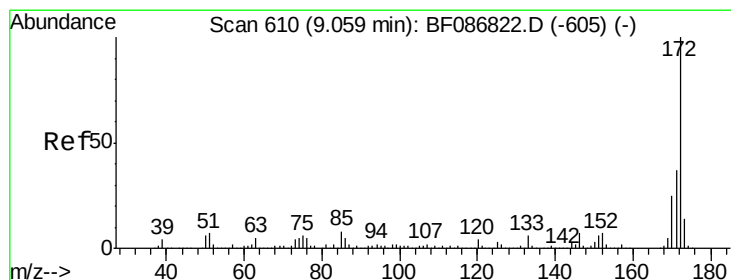
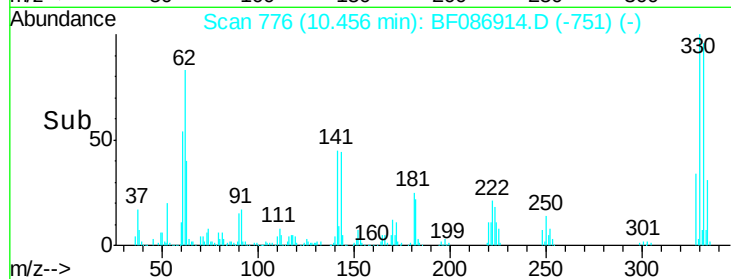
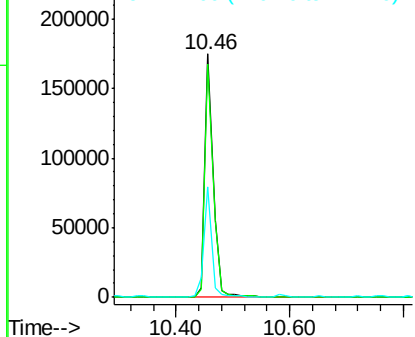
#41
 2,4,6-Tribromophenol
 Concen: 90.13 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086914.D
 Acq: 12 May 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 E-16(6.5-7)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	42.6	31.2	46.8

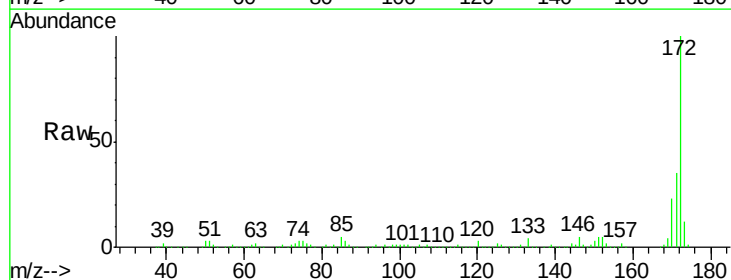


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

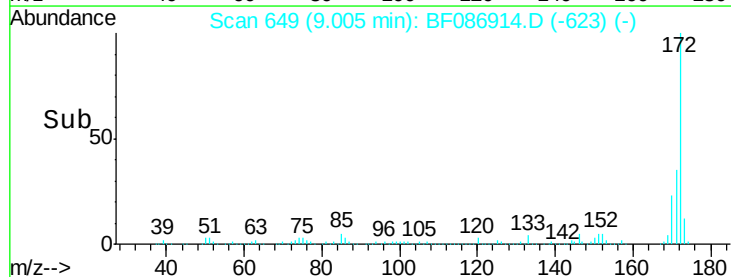
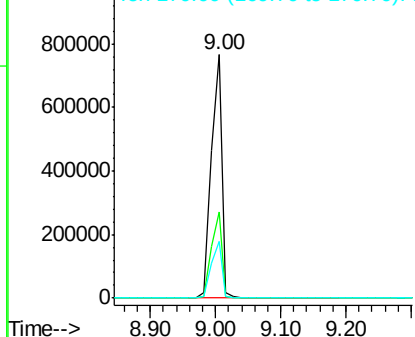


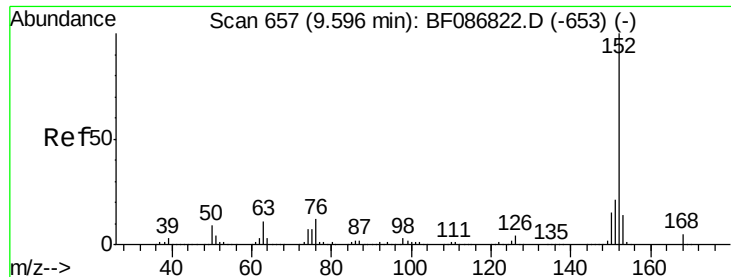
#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF086914.D
 Acq: 12 May 2016 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.5	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: 3.61 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

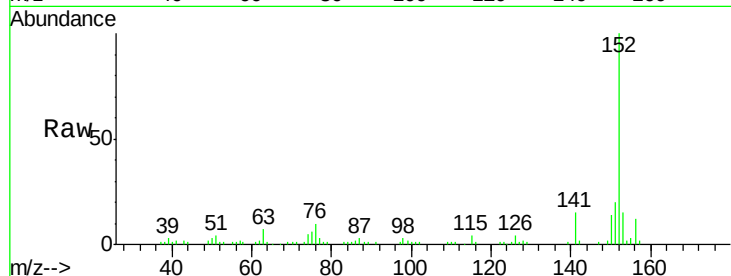
Tgt Ion:152 Resp: 60459

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

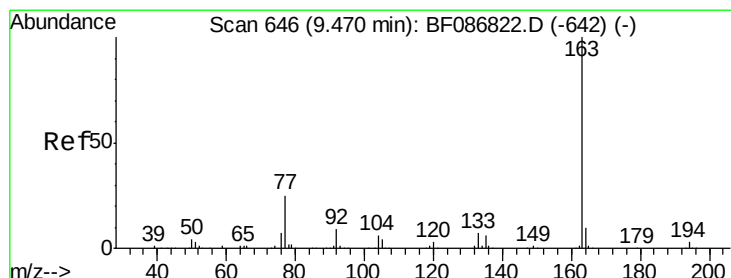
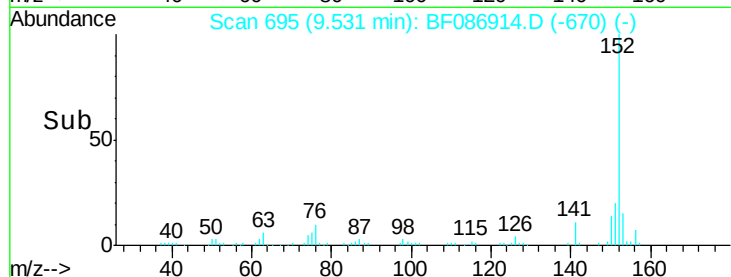
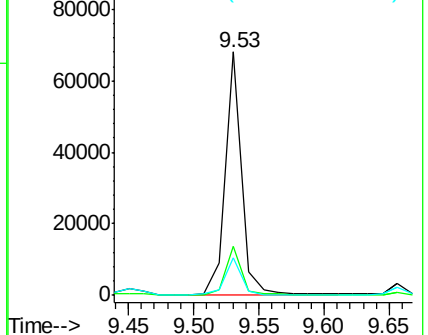
153 15.3 10.9 16.3



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: 6.35 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

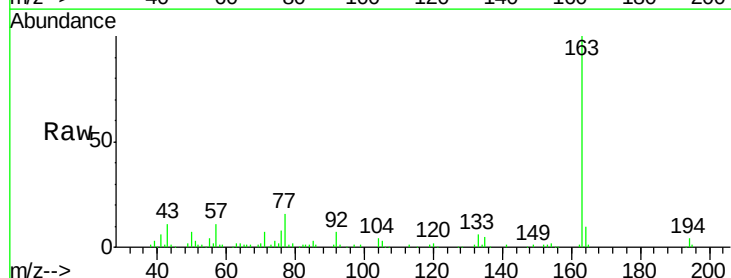
Tgt Ion:163 Resp: 88504

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

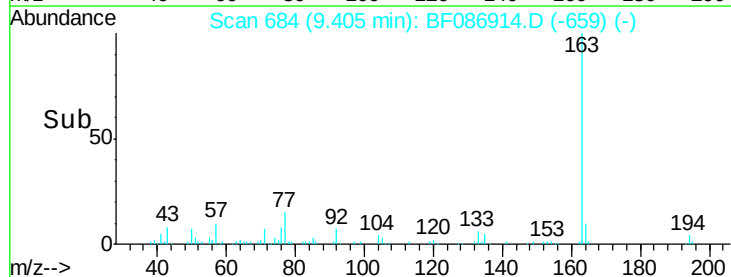
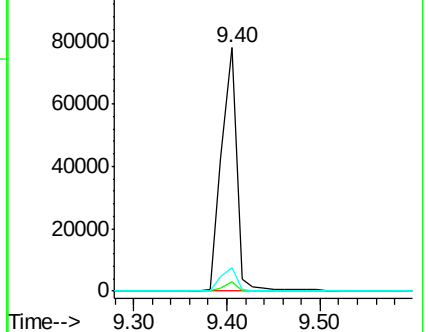
164 9.5 8.2 12.4

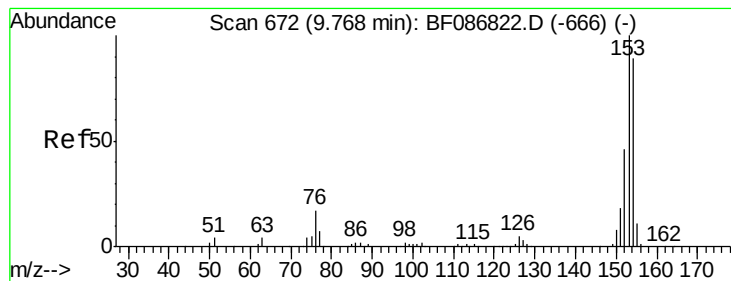


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 9.03 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

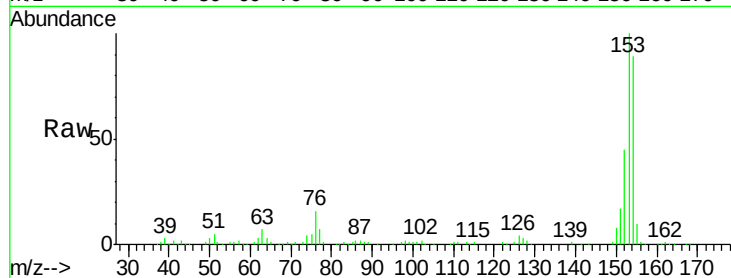
Tgt Ion:154 Resp: 94016

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

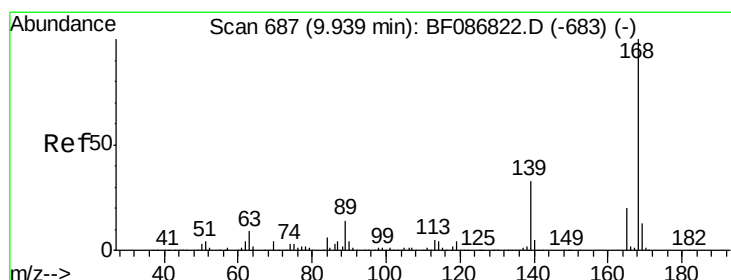
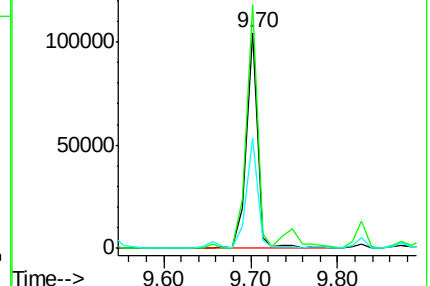
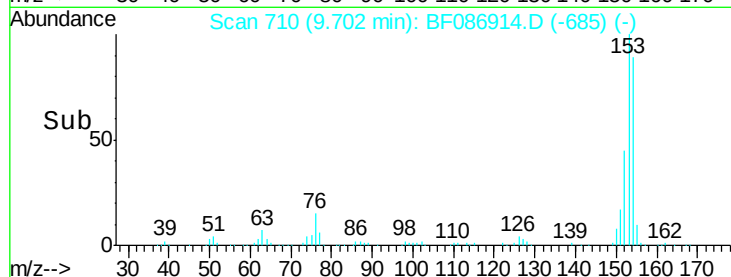
152 51.3 43.4 65.0



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



#54

Dibenzofuran

Concen: 8.35 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

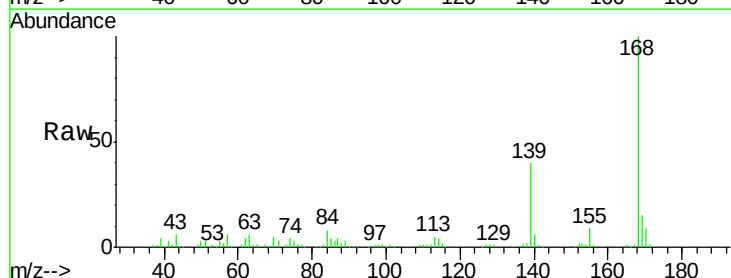
Tgt Ion:168 Resp: 111528

Ion Ratio Lower Upper

168 100

139 39.9 31.4 47.0

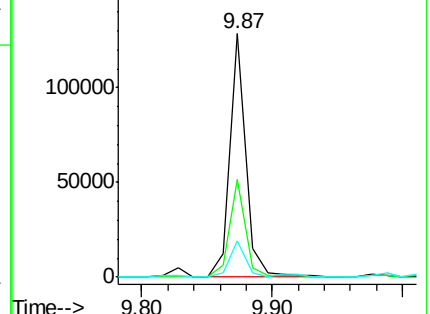
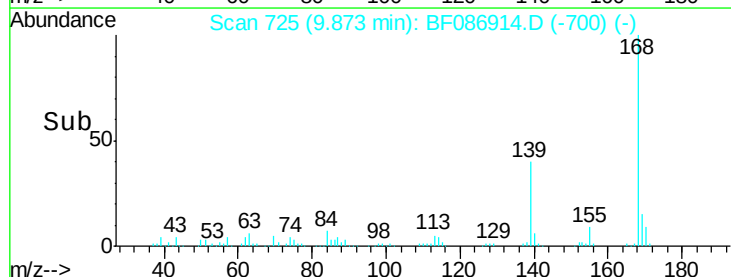
169 14.7 10.7 16.1

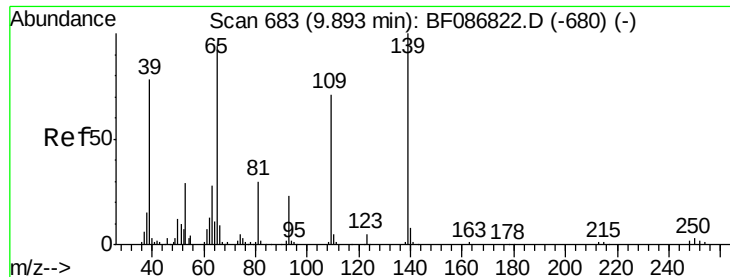


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 25.23 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.03 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

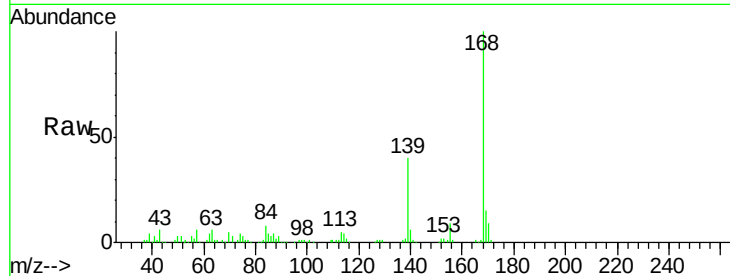
Tgt Ion:139 Resp: 45088

Ion Ratio Lower Upper

139 100

109 1.4 36.9 76.9#

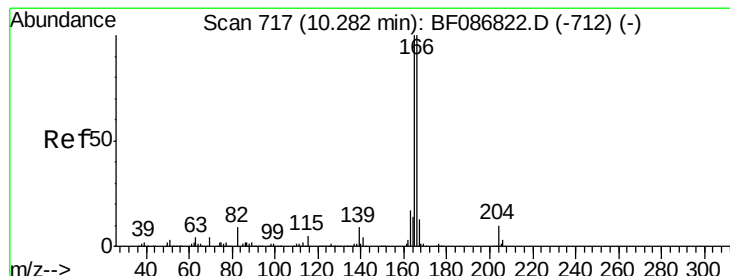
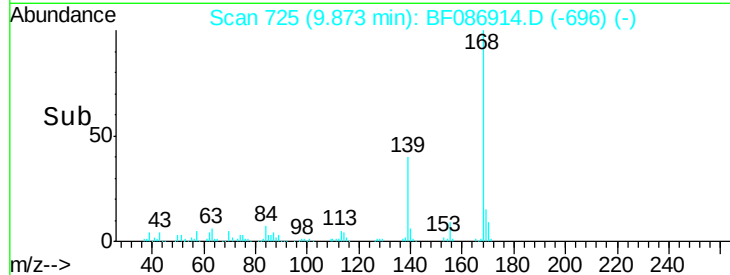
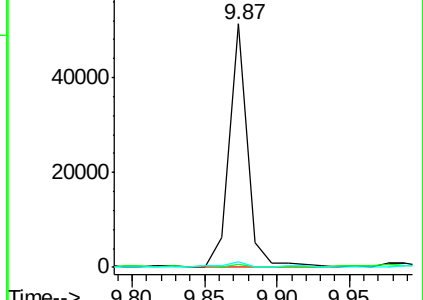
65 2.2 64.0 104.0#



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: 8.12 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

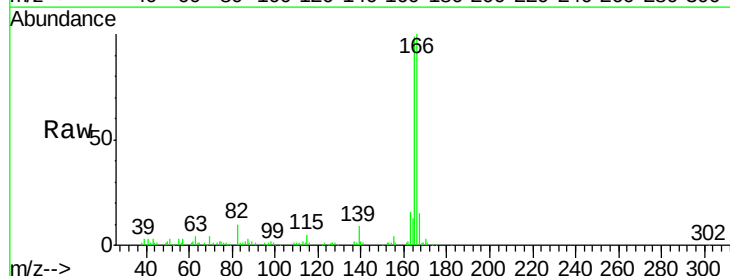
Tgt Ion:166 Resp: 92546

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.6

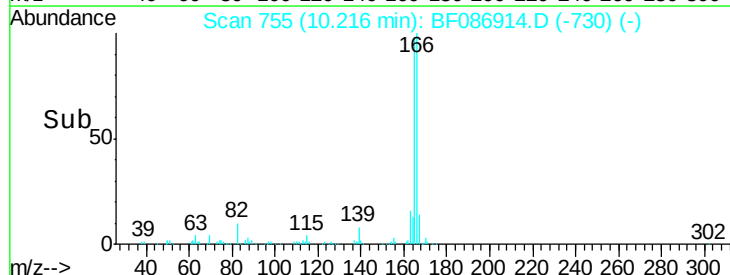
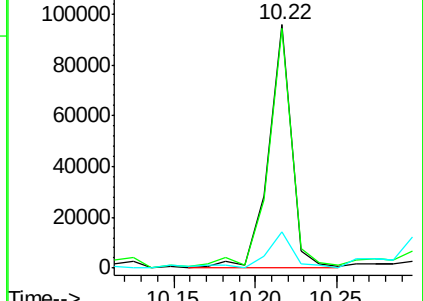
167 14.8 10.6 15.8

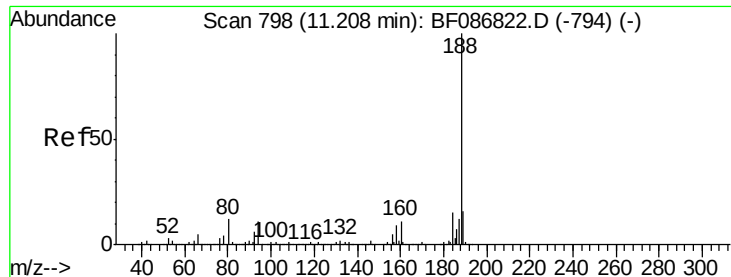


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

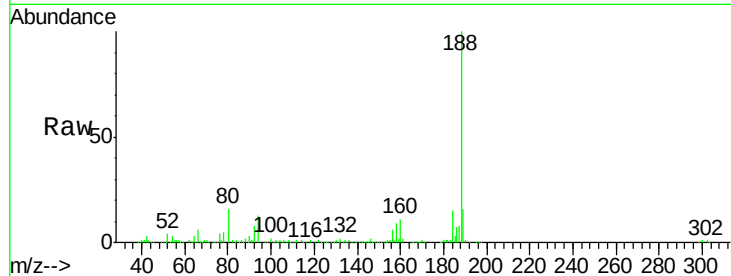




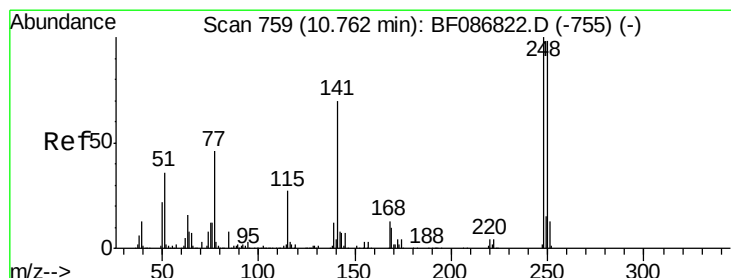
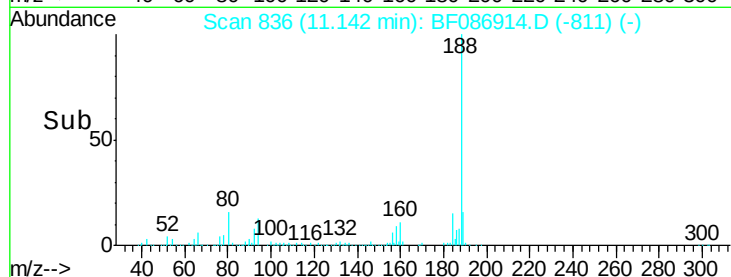
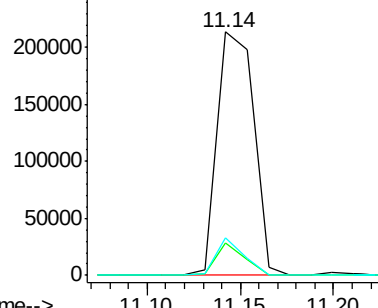
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF086914.D
Acq: 12 May 2016 3:51

Instrument :
BNA_F
ClientSampleId :
E-16(6.5-7)

Tgt Ion:188 Resp: 292267
Ion Ratio Lower Upper
188 100
94 13.3 6.8 10.2#
80 15.6 7.1 10.7#

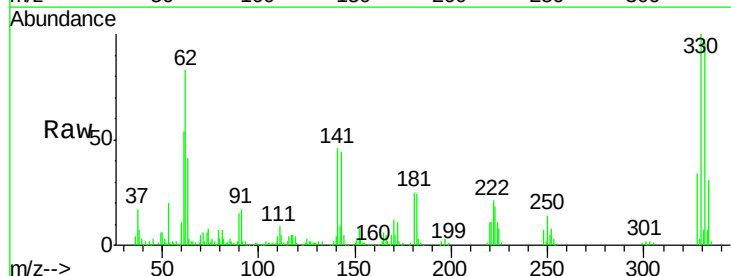


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

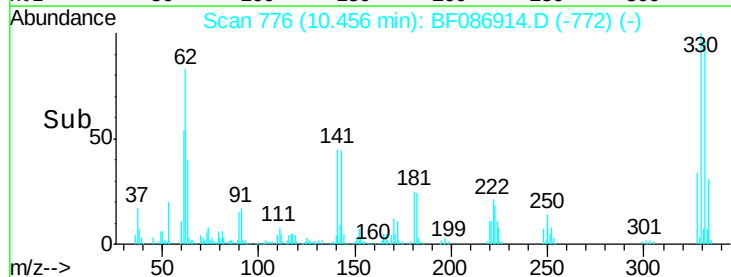
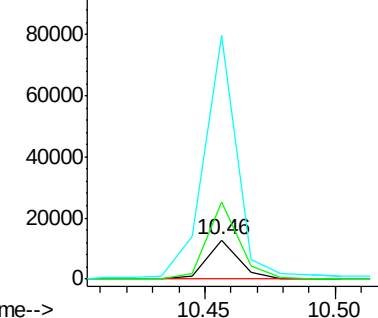


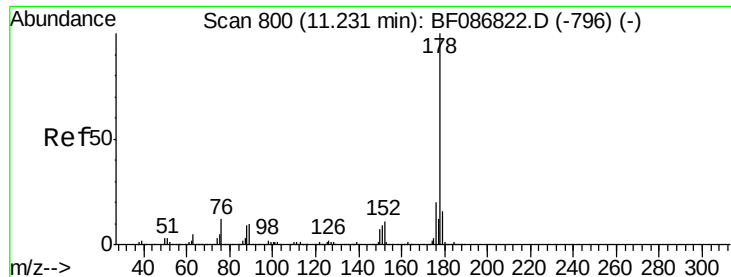
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.25 min
Lab File: BF086914.D
Acq: 12 May 2016 3:51

Tgt Ion:248 Resp: 10918
Ion Ratio Lower Upper
248 100
250 196.5 78.6 117.8#
141 621.2 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: 80.93 ng

RT: 11.18 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

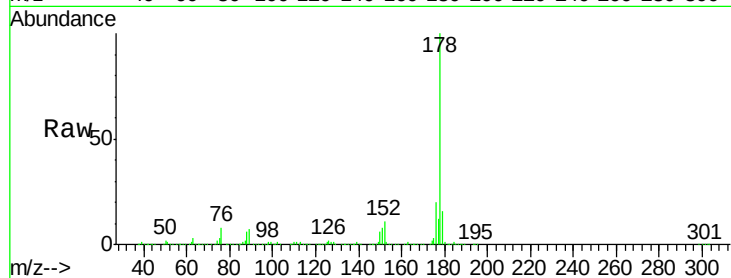
Tgt Ion:178 Resp: 1262212

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

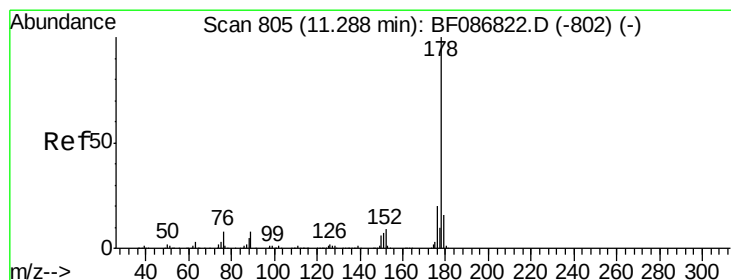
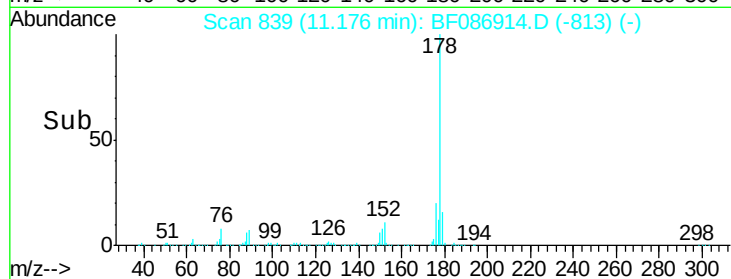
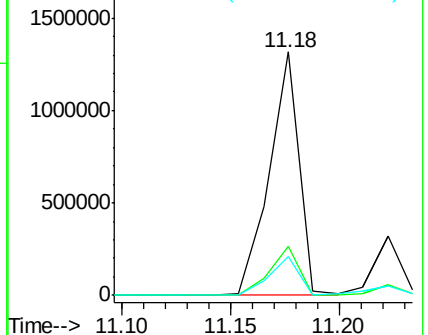
179 15.8 12.6 18.8



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: 17.97 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

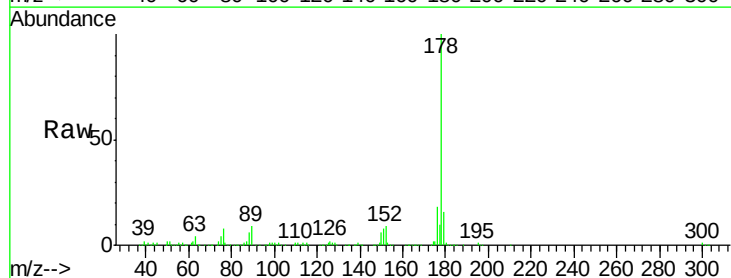
Tgt Ion:178 Resp: 286622

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

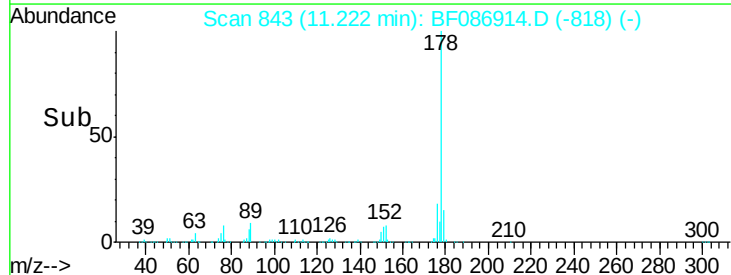
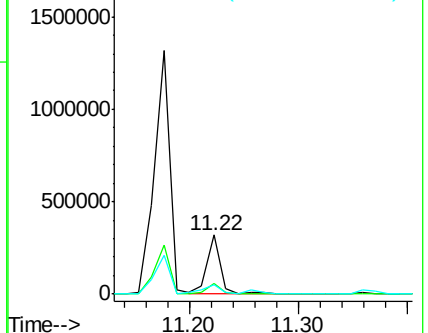
179 15.6 12.7 19.1

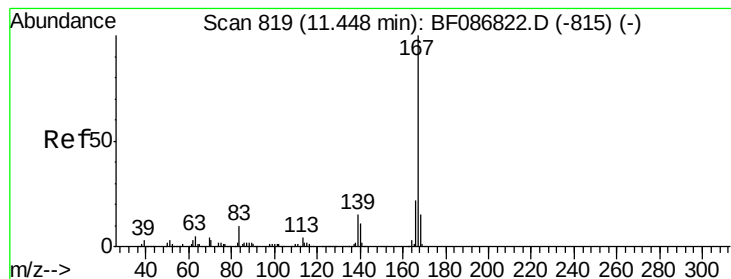


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 8.70 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

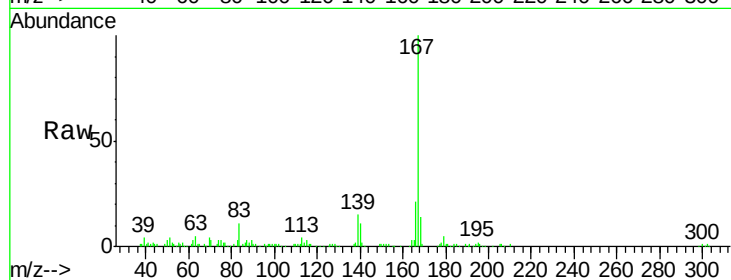
Tgt Ion:167 Resp: 119364

Ion Ratio Lower Upper

167 100

166 21.2 17.7 26.5

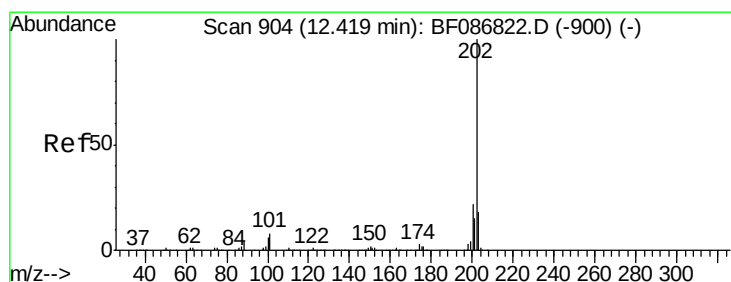
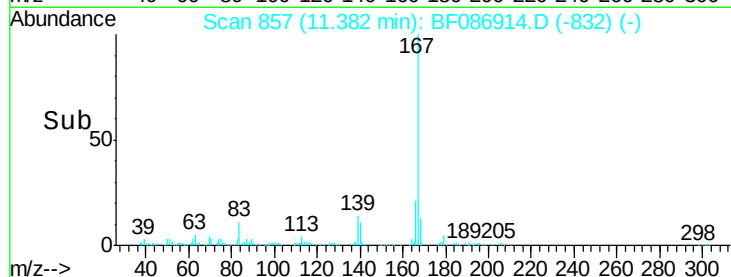
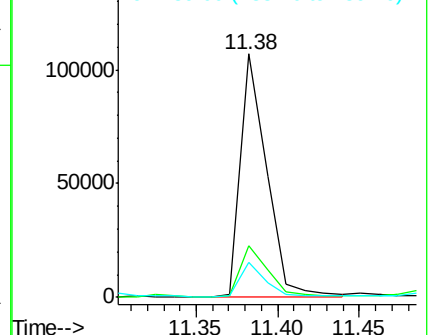
139 14.6 10.8 16.2



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: 78.40 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

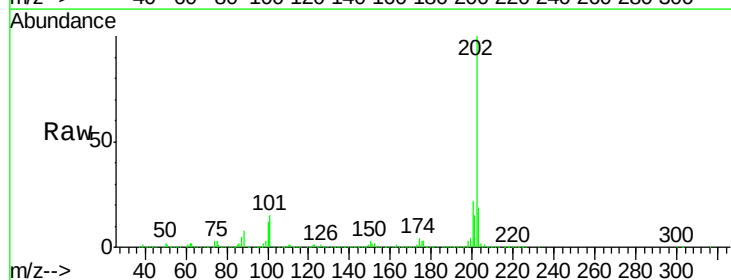
Tgt Ion:202 Resp: 1257744

Ion Ratio Lower Upper

202 100

101 15.0 0.0 35.4

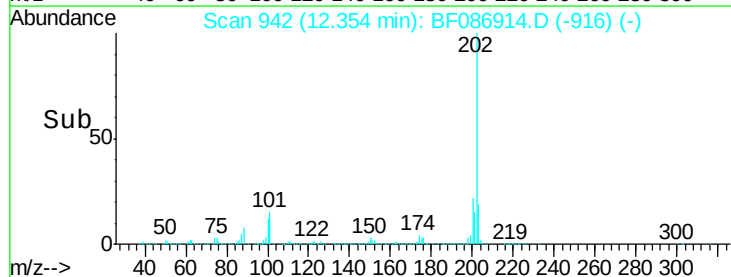
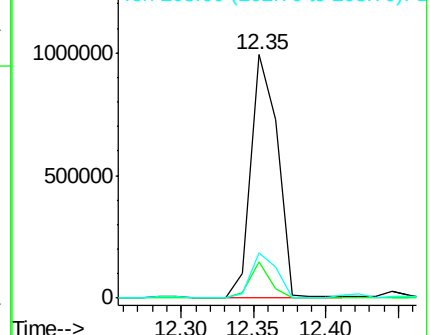
203 18.5 0.0 38.1

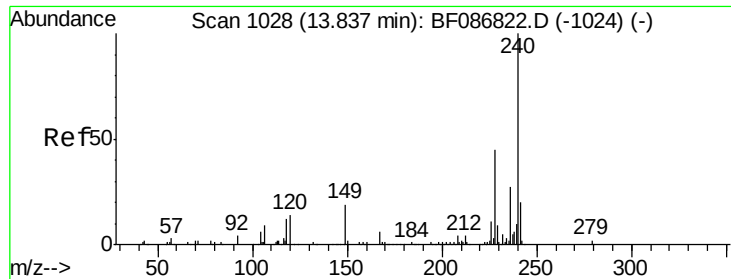


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

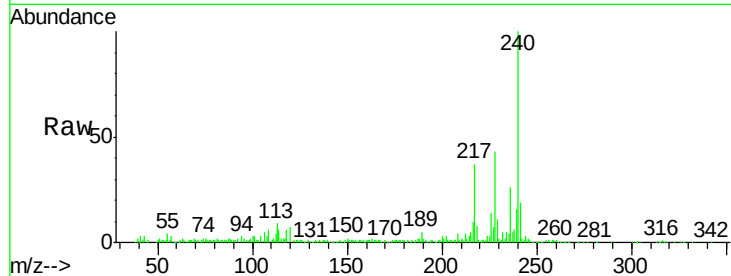
Tgt Ion:240 Resp: 253682

Ion Ratio Lower Upper

240 100

120 7.3 11.2 16.8#

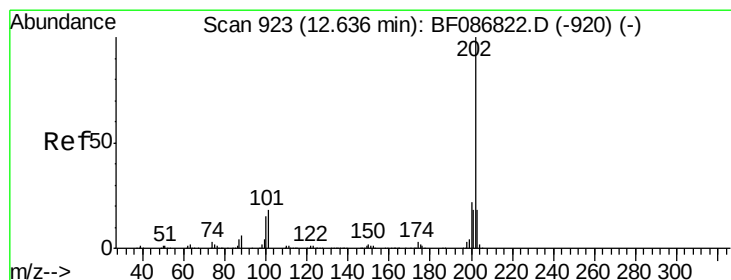
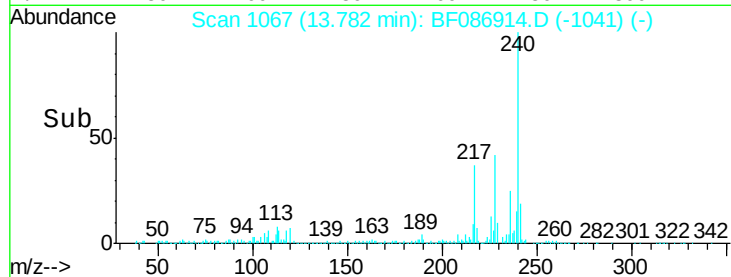
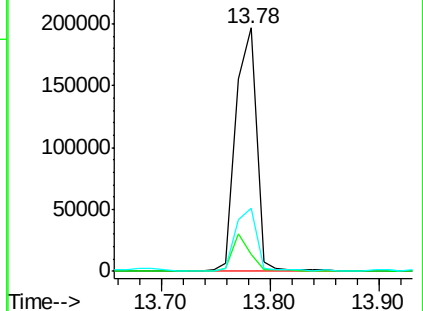
236 25.9 21.2 31.8



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: 55.56 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

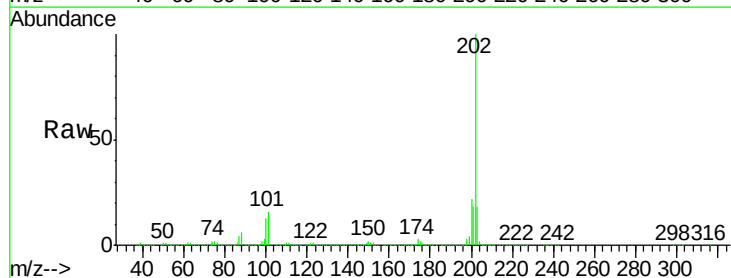
Tgt Ion:202 Resp: 1079130

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

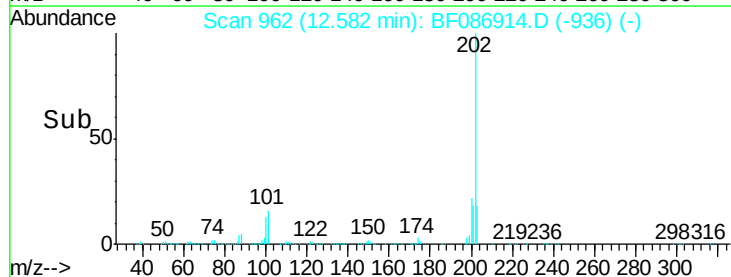
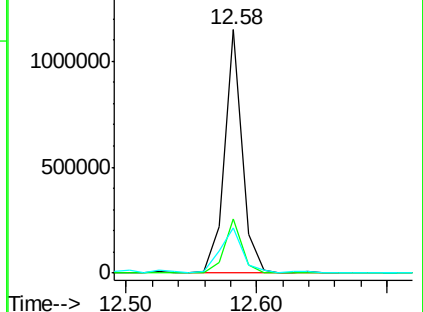
203 18.4 14.2 21.4

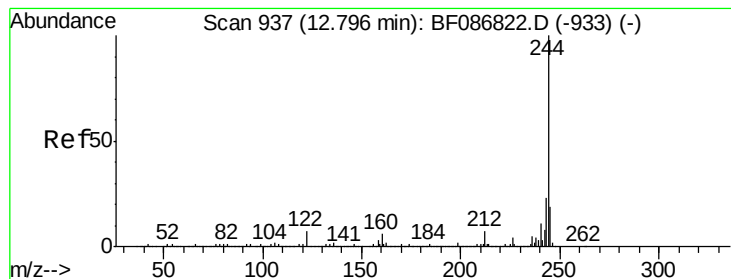


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.00 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

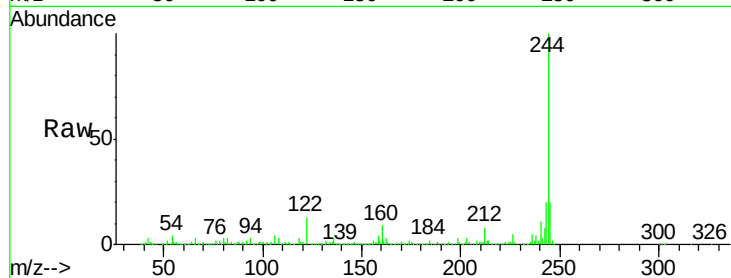
Tgt Ion:244 Resp: 597819

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

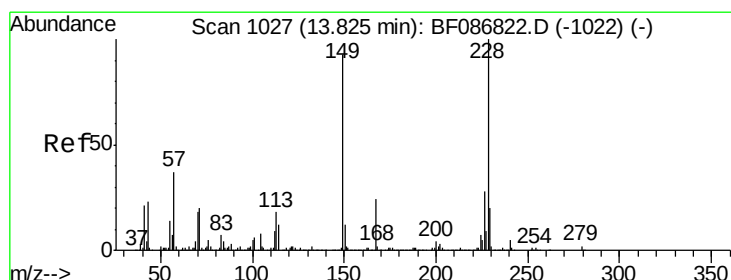
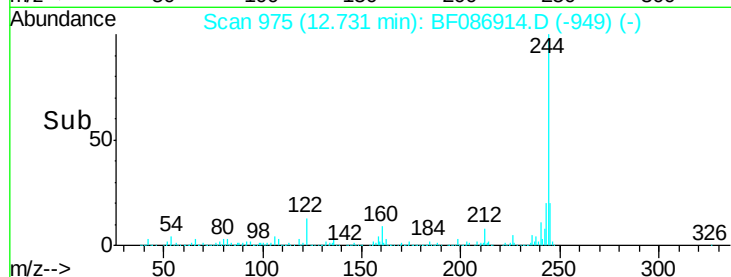
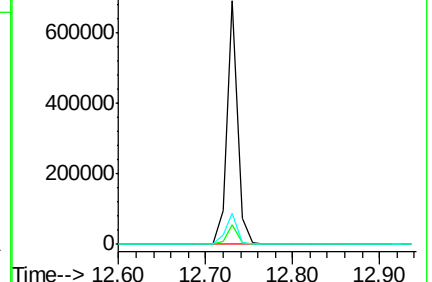
122 12.7 12.0 18.0



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: 41.64 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

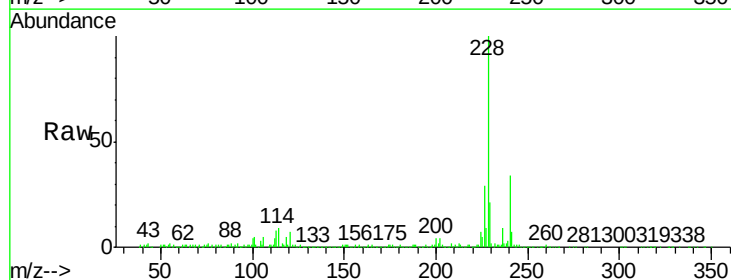
Tgt Ion:228 Resp: 592944

Ion Ratio Lower Upper

228 100

226 29.1 22.5 33.7

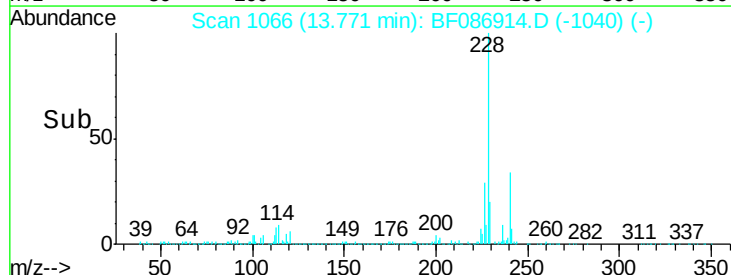
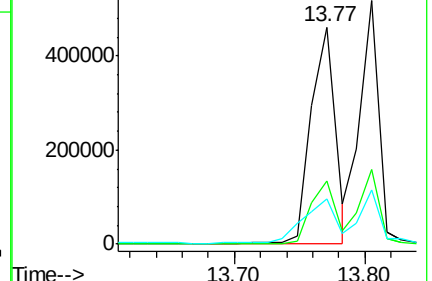
229 20.9 16.6 25.0

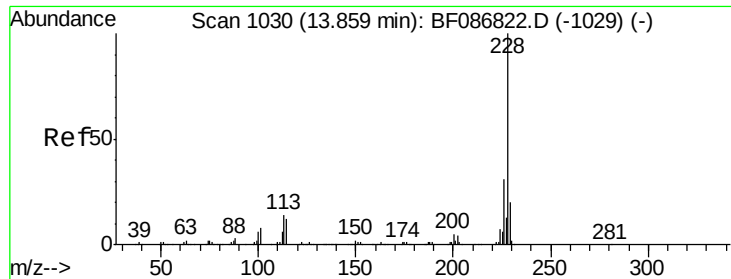


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 35.45 ng

RT: 13.81 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

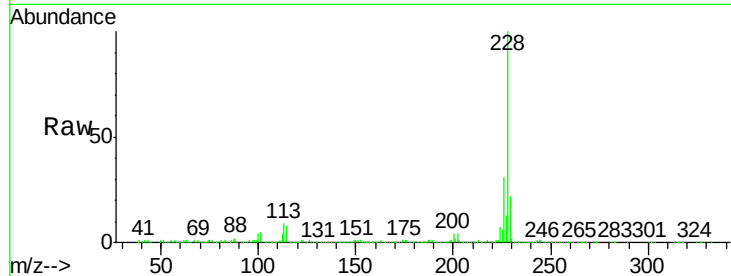
Tgt Ion:228 Resp: 513514

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

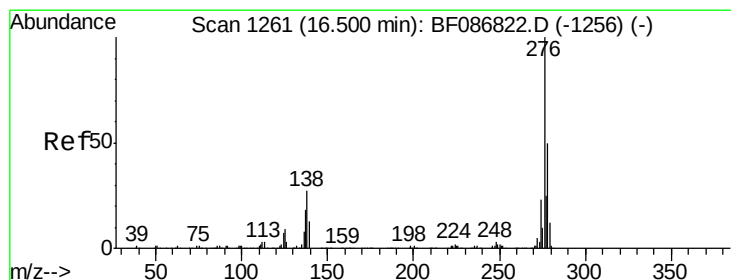
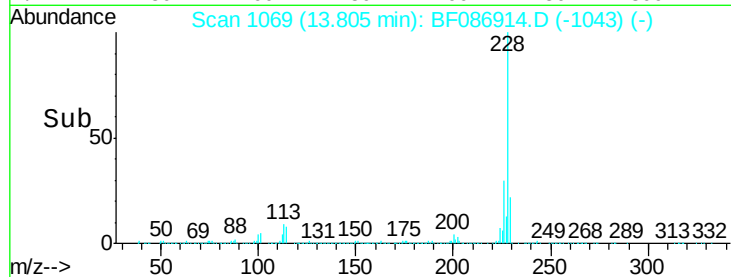
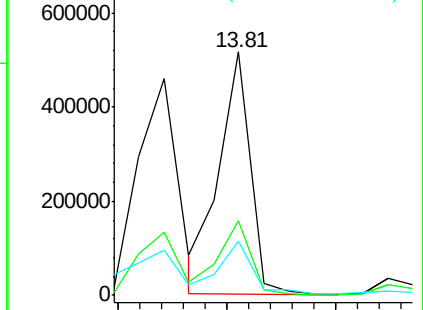
229 22.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 14.48 ng

RT: 16.40 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

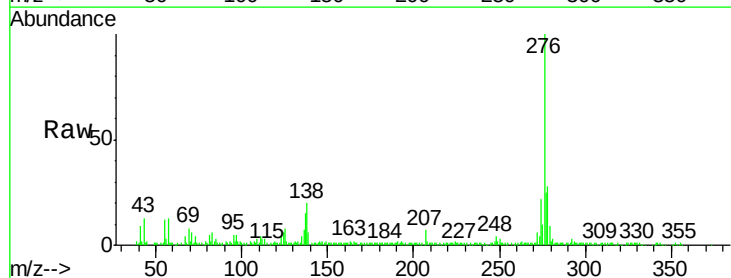
Tgt Ion:276 Resp: 174467

Ion Ratio Lower Upper

276 100

138 24.9 25.6 38.4#

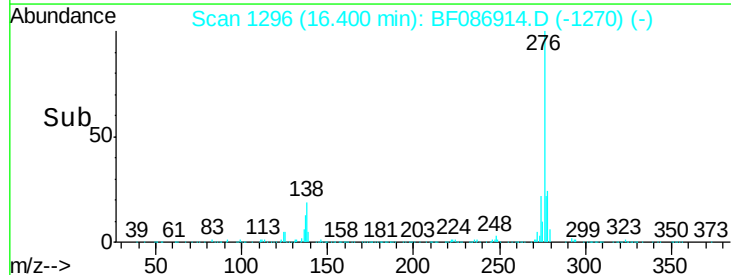
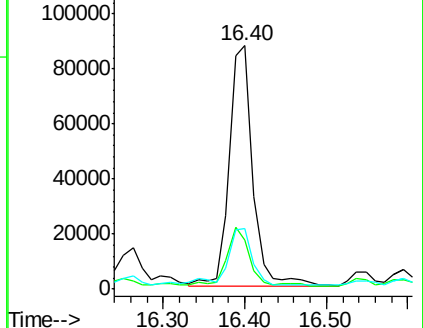
277 26.0 20.5 30.7

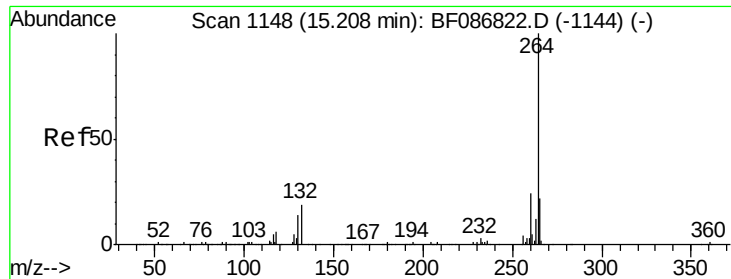


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

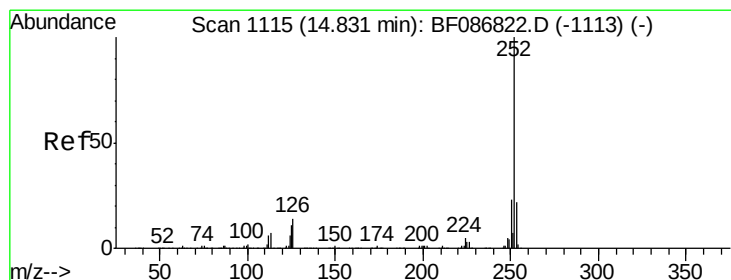
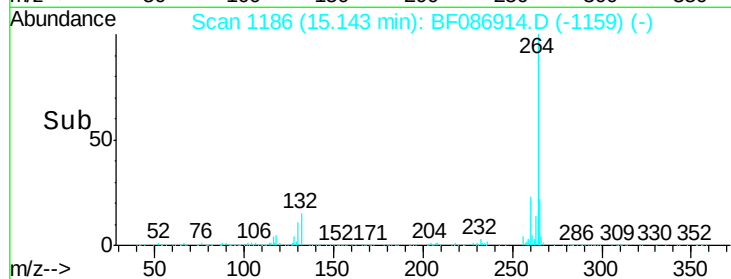
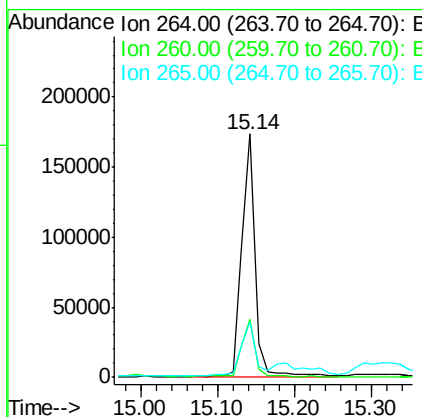
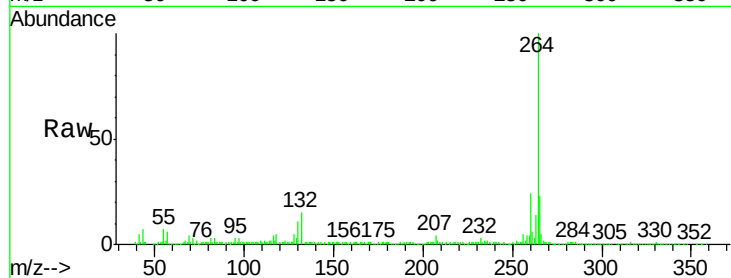




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF086914.D
 Acq: 12 May 2016 3:51

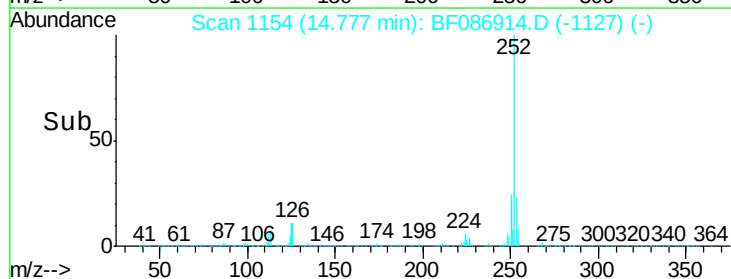
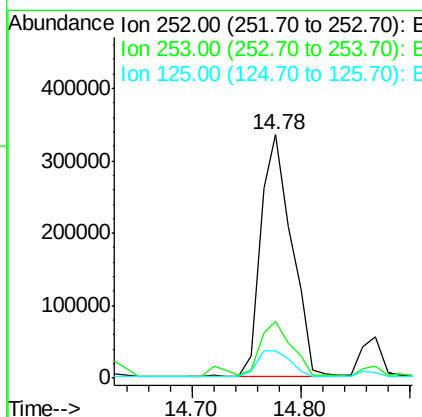
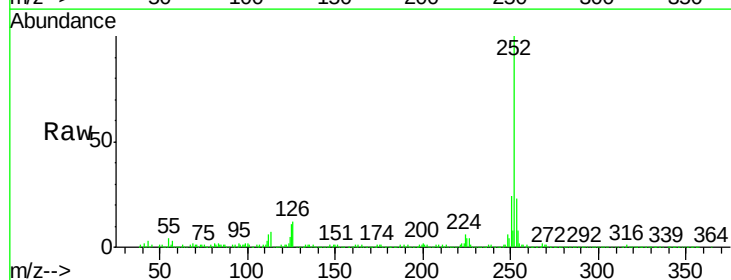
Instrument :
 BNA_F
 ClientSampleId :
 E-16(6.5-7)

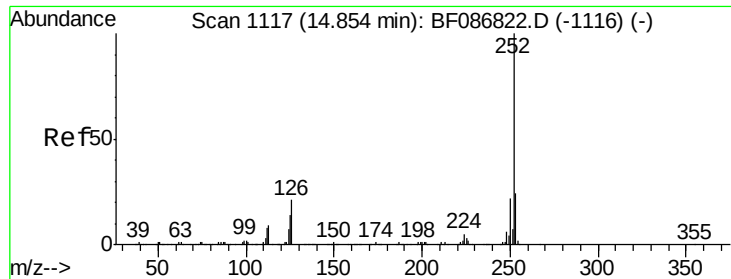
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.8	17.3	25.9



#87
 Benzo(b)fluoranthene
 Concen: 49.08 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086914.D
 Acq: 12 May 2016 3:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.4	11.4	17.0





#88

Benzo(k)fluoranthene

Concen: 59.93 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

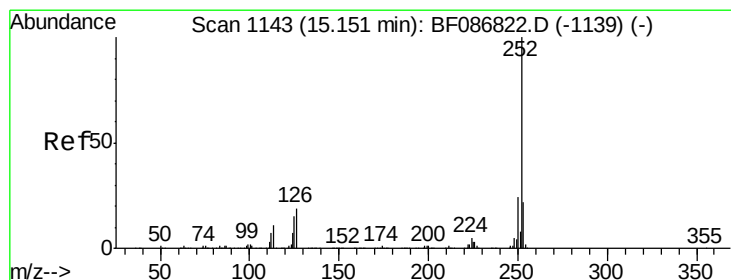
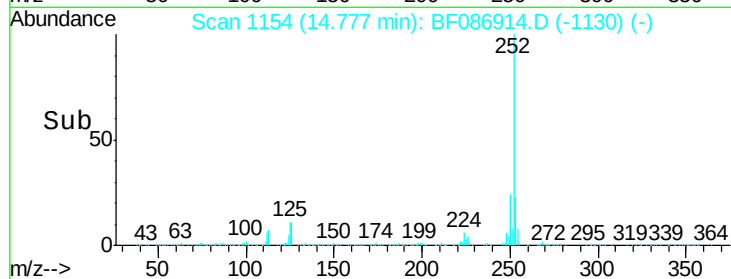
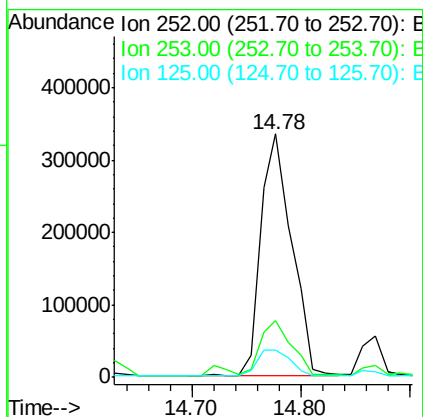
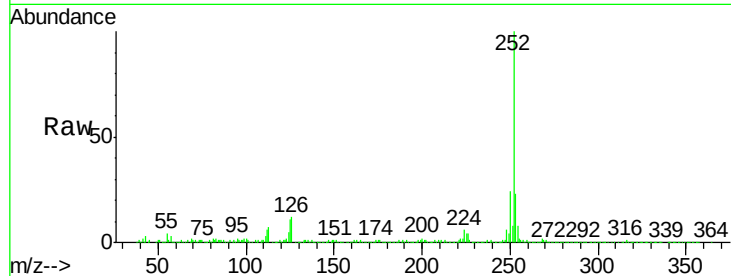
Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

Tgt Ion:	252	Resp:	665221
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	11.4	9.1	13.7



#89

Benzo(a)pyrene

Concen: 29.59 ng

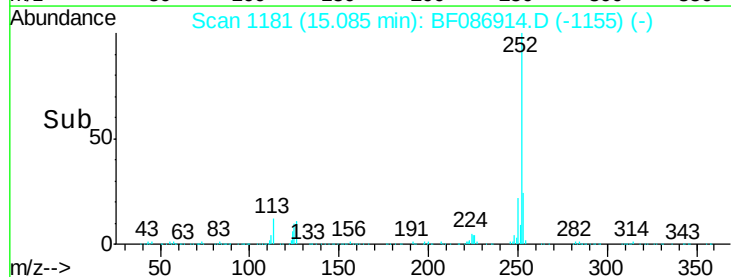
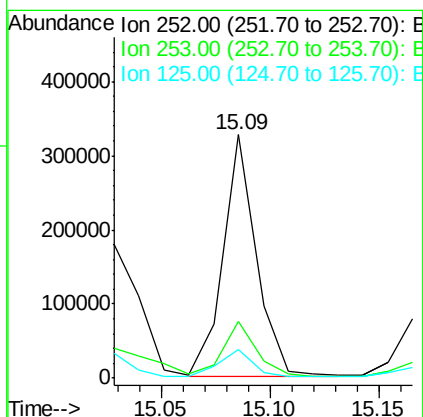
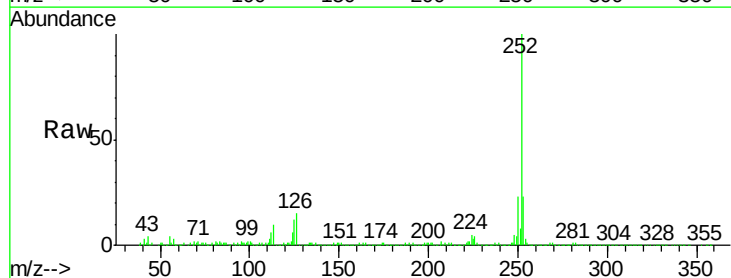
RT: 15.09 min Scan# 1181

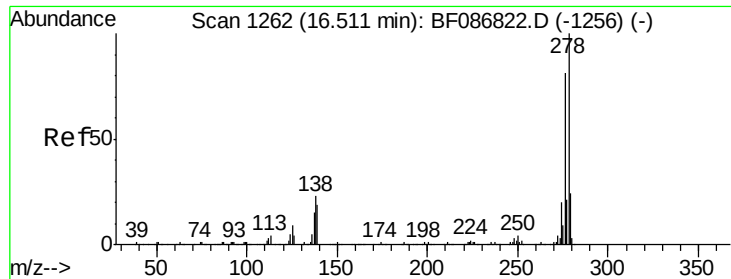
Delta R.T. 0.00 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Tgt Ion:	252	Resp:	345982
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	11.6	9.0	13.6





#90

Dibenzo(a,h)anthracene

Concen: 3.99 ng

RT: 16.55 min Scan# 1309

Delta R.T. 0.14 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

Instrument :

BNA_F

ClientSampleId :

E-16(6.5-7)

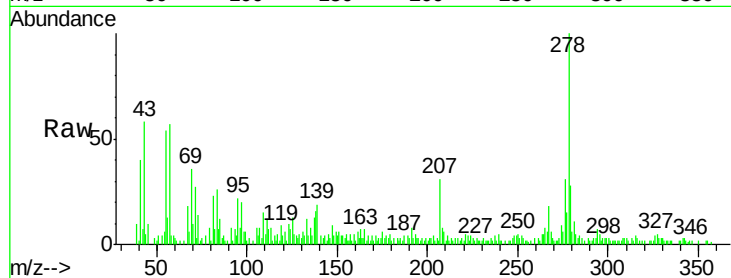
Tgt Ion: 278 Resp: 39315

Ion Ratio Lower Upper

278 100

139 18.5 16.6 24.8

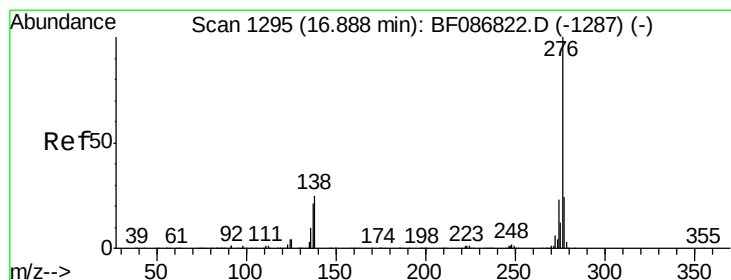
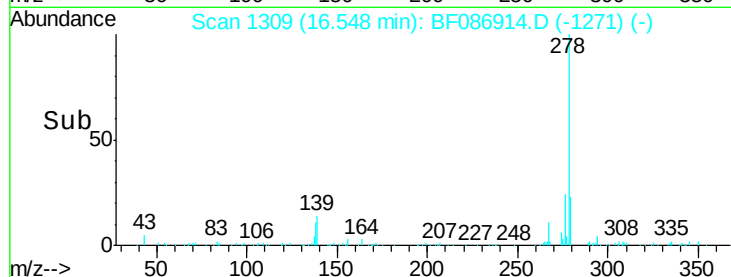
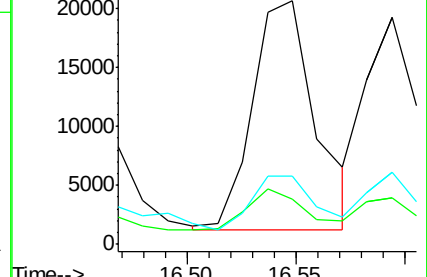
279 28.1 19.6 29.4



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: 15.15 ng

RT: 16.78 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF086914.D

Acq: 12 May 2016 3:51

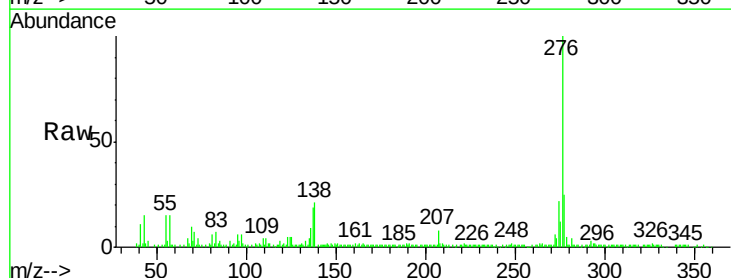
Tgt Ion: 276 Resp: 151694

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 20.9 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

