

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086955.D
 Acq On : 13 May 2016 3:13
 Operator : UM/SJ
 Sample : H2965-01RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

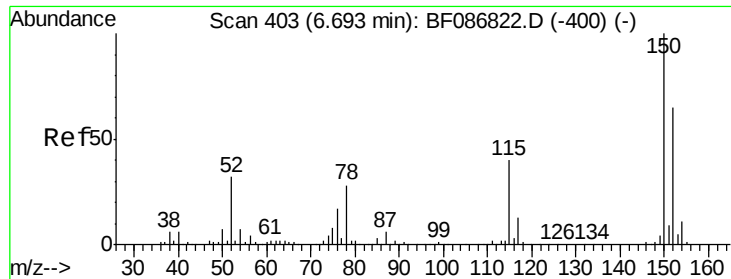
Quant Time: May 13 04:21:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	137177	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	502166	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	206282	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	323528	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	291053	20.00	ng	0.00
86) Perylene-d12	15.13	264	218762	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	995199	122.86	ng	0.01
7) Phenol-d6	6.30	99	1327697	122.64	ng	0.00
23) Nitrobenzene-d5	7.20	82	886051	88.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	201576	92.30	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1119417	91.20	ng	0.00
78) Terphenyl-d14	12.72	244	753200	54.91	ng	0.00

Target Compounds						Qvalue
15) Benzyl Alcohol	6.78	79	16096	2.15	ng	# 42
19) n-Nitroso-di-n-propylamine	7.20	70	128772	17.02	ng	# 74
25) Isophorone	7.20	82	863664	46.55	ng	# 68
31) Naphthalene	7.93	128	229705	9.13	ng	99
33) 4-Chloroaniline	7.93	127	29908	3.06	ng	# 34
48) Acenaphthylene	9.52	152	52456	2.77	ng	98
49) Dimethylphthalate	9.39	163	111733	7.10	ng	99
51) Acenaphthene	9.69	154	106951	9.09	ng	98
53) 2,4-Dinitrophenol	9.94	184	257	7.83	ng	# 29
54) Dibenzofuran	9.86	168	72980	4.83	ng	# 96
55) 4-Nitrophenol	9.86	139	31817	17.47	ng	# 20
57) Fluorene	10.20	166	49513	3.85	ng	# 95
60) 4-Chlorophenyl-phenylether	10.02	204	812	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.44	248	12911	3.94	ng	# 1
70) Phenanthrene	11.16	178	580030	33.60	ng	99
71) Anthracene	11.21	178	199924	11.32	ng	98
72) Carbazole	11.37	167	51324	3.38	ng	# 92
74) Fluoranthene	12.34	202	987512	55.61	ng	100
77) Pyrene	12.57	202	932236	41.84	ng	99
80) Benzo(a)anthracene	13.76	228	615859	37.69	ng	98
82) Chrysene	13.76	228	615859	37.05	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	48098	4.24	ng	100
85) Indeno(1,2,3-cd)pyrene	16.39	276	177781	12.86	ng	# 89
87) Benzo(b)fluoranthene	14.77	252	624719	43.94	ng	99
88) Benzo(k)fluoranthene	14.77	252	624719	53.66	ng	97
89) Benzo(a)pyrene	15.09	252	324784	26.48	ng	97
90) Dibenzo(a,h)anthracene	16.39	278	56714	5.49	ng	# 82
91) Benzo(g,h,i)perylene	16.77	276	160642	15.30	ng	94

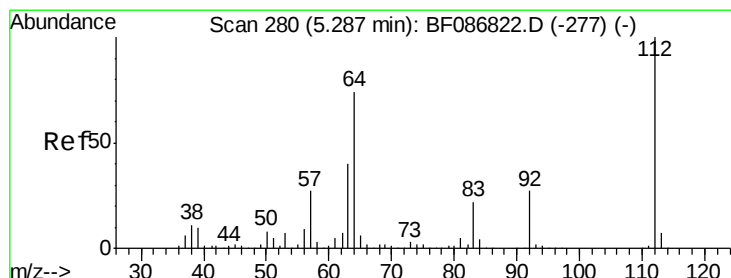
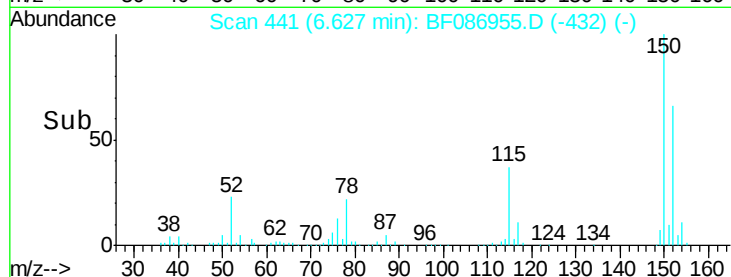
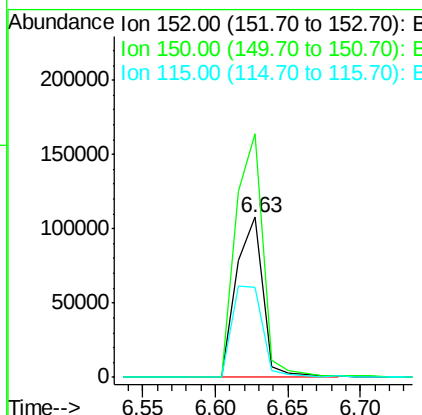
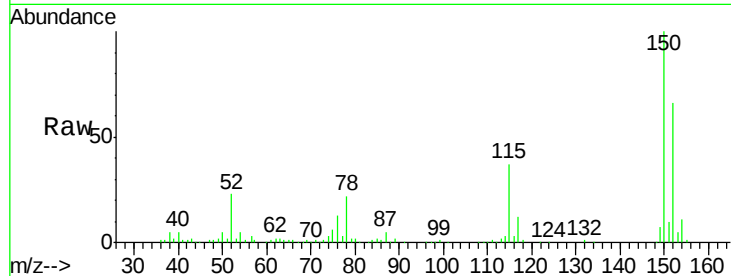
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

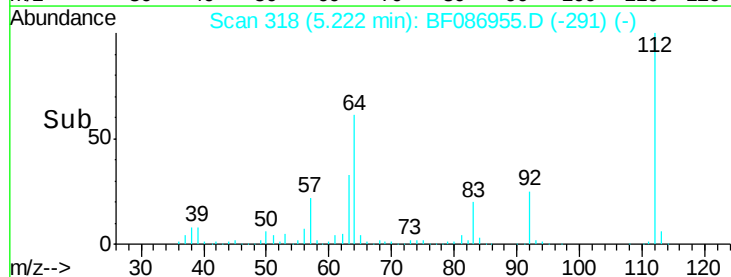
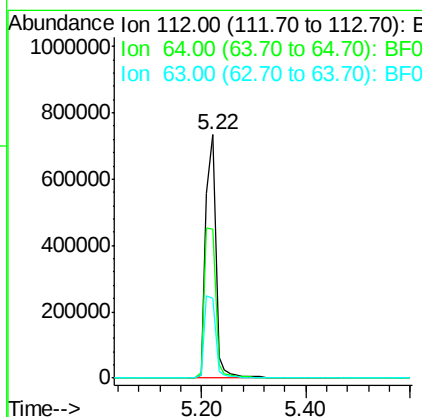
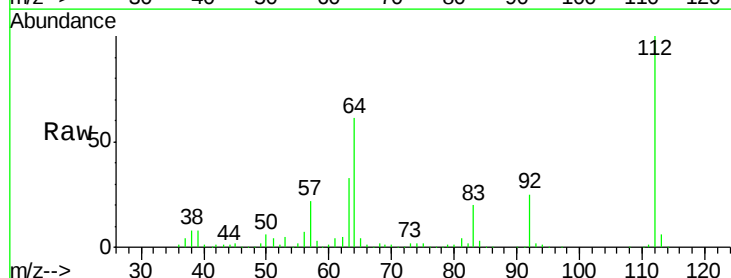
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)RE

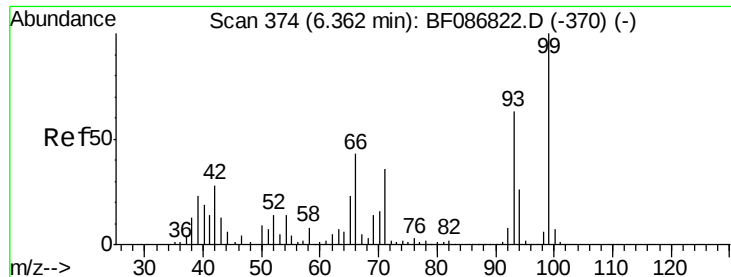
Tgt Ion:152 Resp: 137177
Ion Ratio Lower Upper
152 100
150 152.3 125.8 188.6
115 56.3 51.5 77.3



#5
2-Fluorophenol
Concen: 122.86 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion:112 Resp: 995199
Ion Ratio Lower Upper
112 100
64 61.2 52.1 78.1
63 32.8 25.7 38.5





#7

Phenol-d6

Concen: 122.64 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

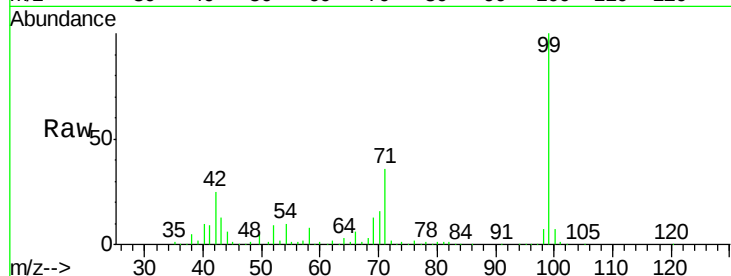
BNA_F

ClientSampleId :

E-13(5.5-6)RE

Tgt Ion: 99 Resp: 1327697

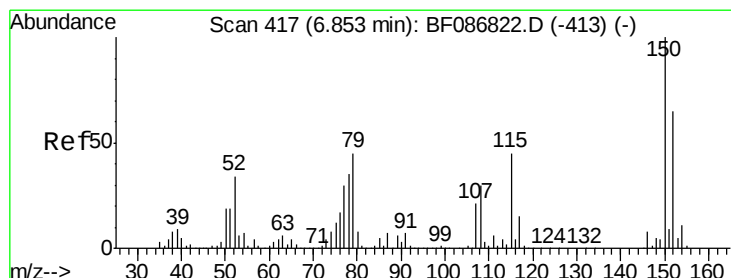
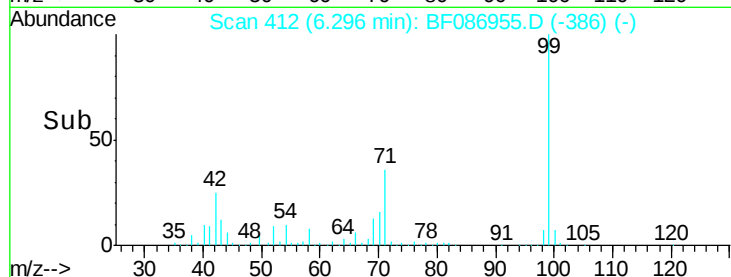
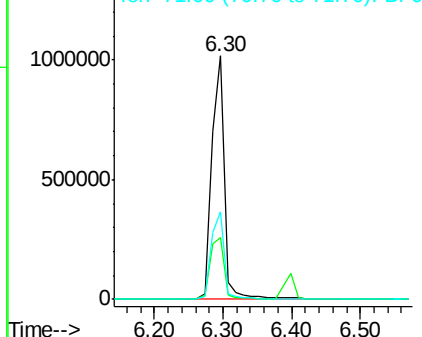
Ion	Ratio	Lower	Upper
99	100		
42	25.4	13.6	20.4#
71	35.9	24.6	36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.78 min Scan# 454

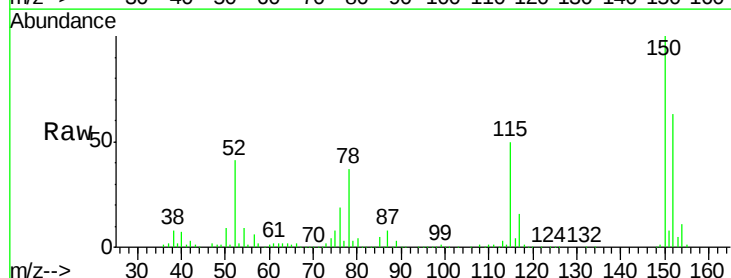
Delta R.T. -0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Tgt Ion: 79 Resp: 16096

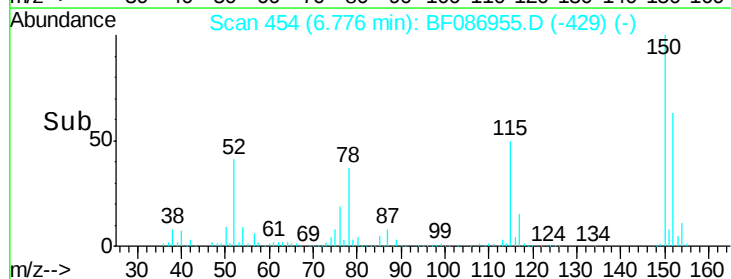
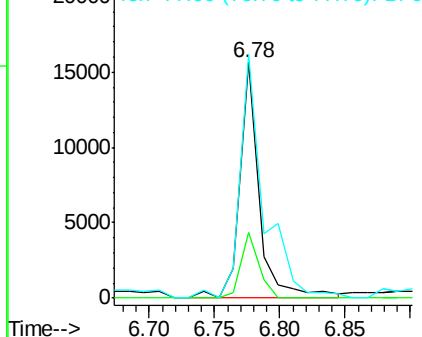
Ion	Ratio	Lower	Upper
79	100		
108	27.6	68.4	102.6#
77	103.4	50.6	76.0#

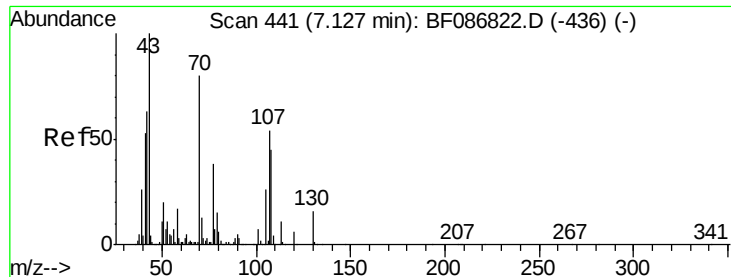


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

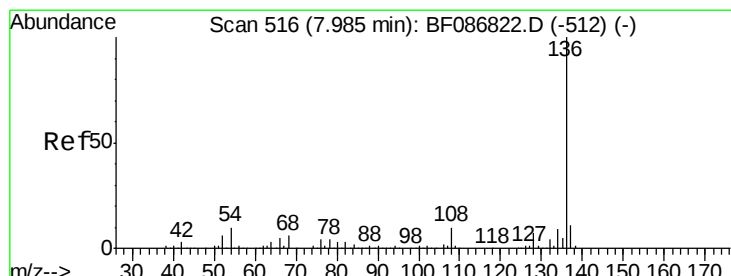
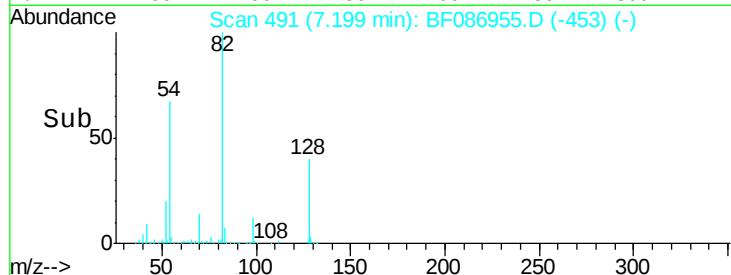
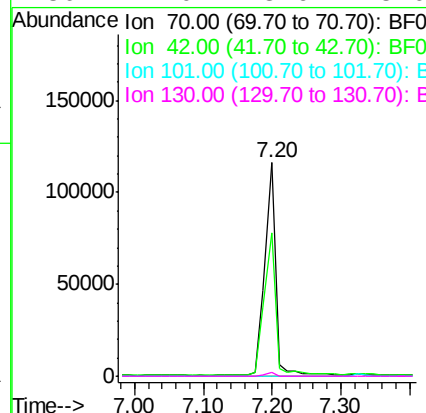
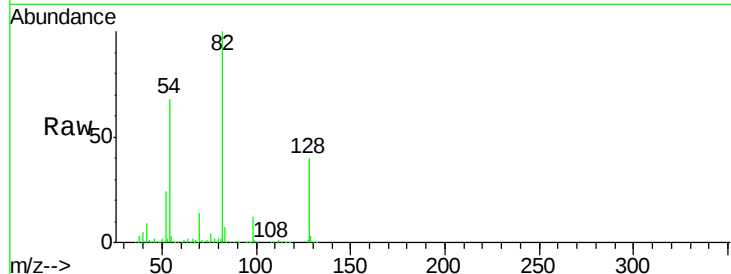




#19
n-Nitroso-di-n-propylamine
Concen: 17.02 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

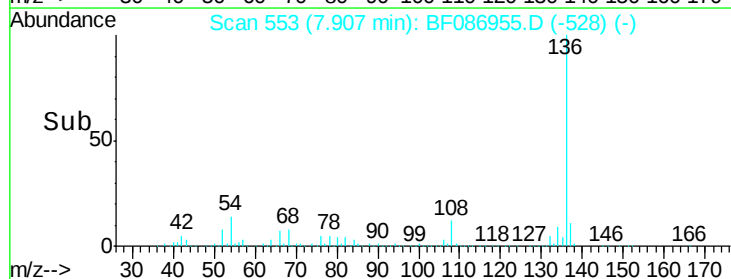
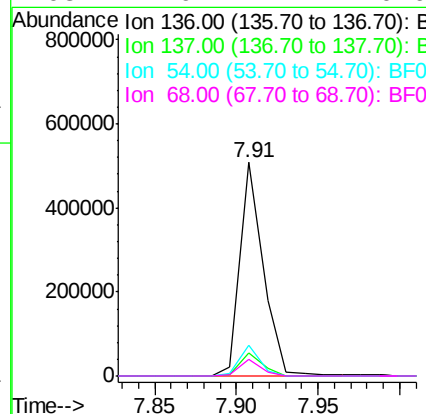
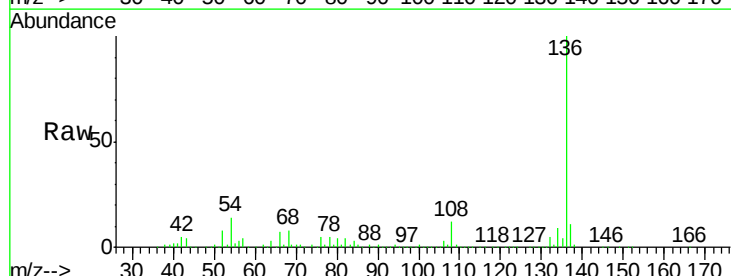
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)RE

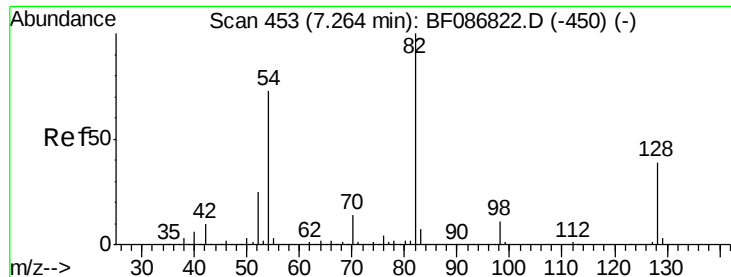
Tgt Ion: 70 Resp: 128772
Ion Ratio Lower Upper
70 100
42 67.1 43.1 64.7#
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion: 136 Resp: 502166
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 14.3 5.0 7.4#
68 7.9 4.4 6.6#

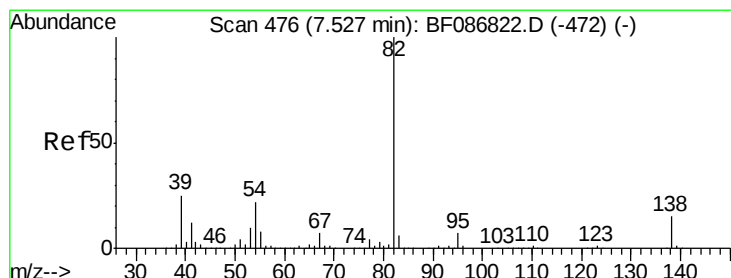
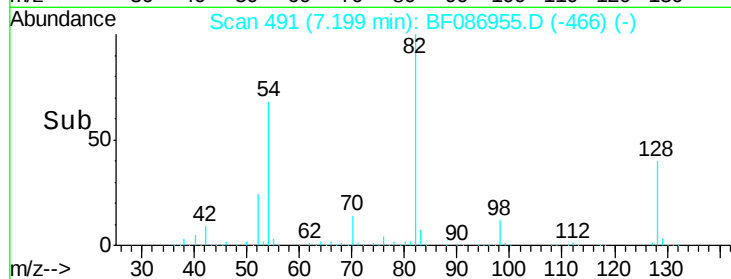
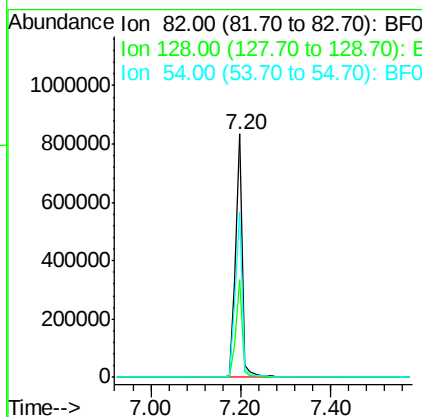
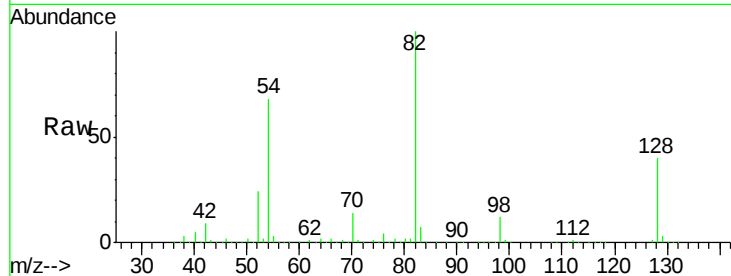




#23
Nitrobenzene-d5
Concen: 88.60 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

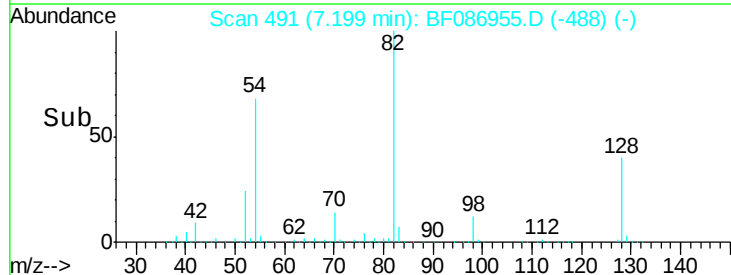
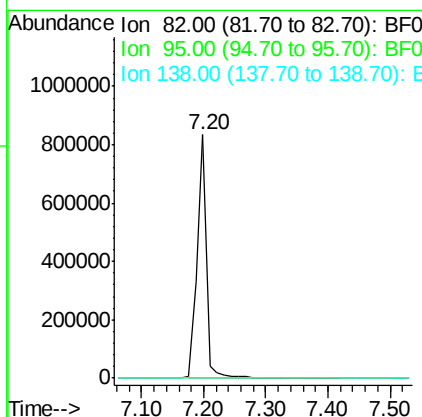
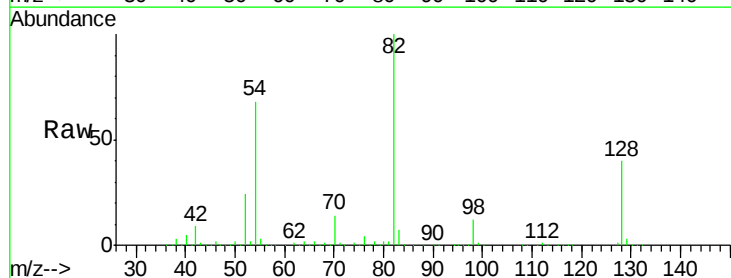
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)RE

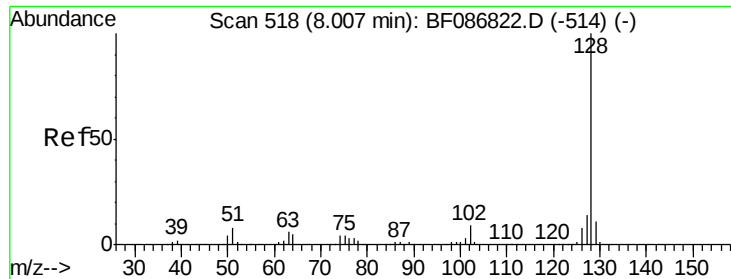
Tgt Ion: 82 Resp: 886051
Ion Ratio Lower Upper
82 100
128 40.3 40.6 61.0#
54 68.0 38.1 57.1#



#25
Isophorone
Concen: 46.55 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.26 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion: 82 Resp: 863664
Ion Ratio Lower Upper
82 100
95 0.1 5.1 7.7#
138 0.0 12.4 18.6#

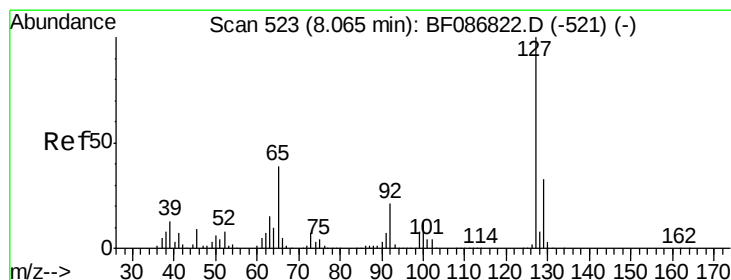
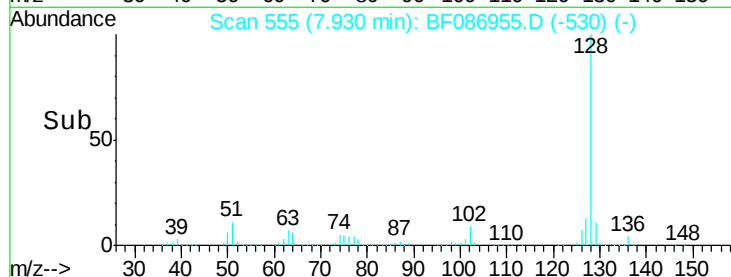
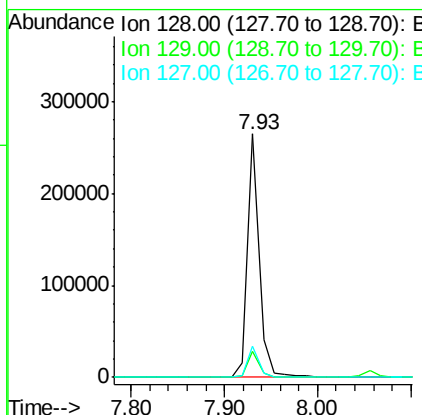
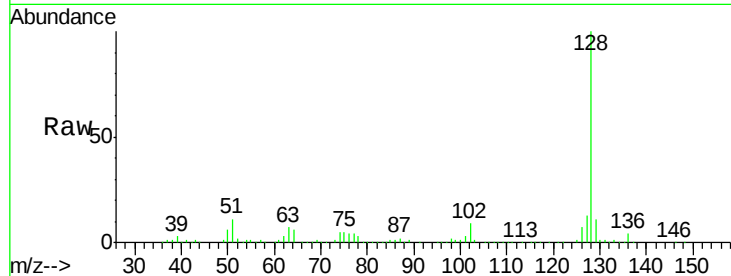




#31
Naphthalene
Concen: 9.13 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

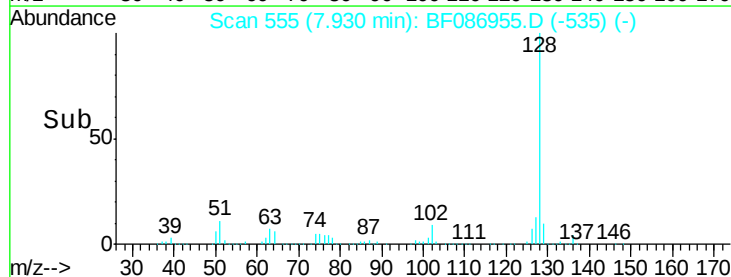
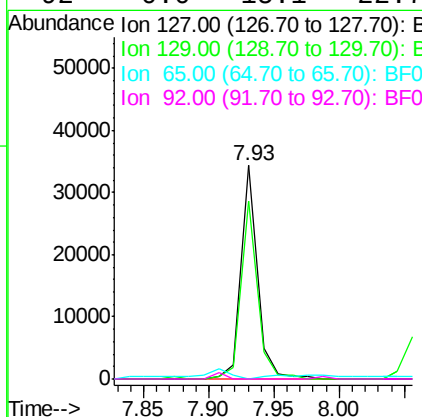
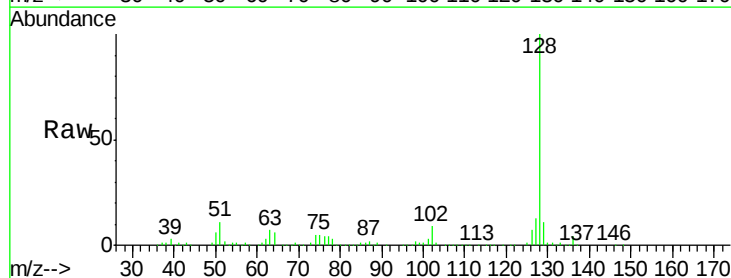
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)RE

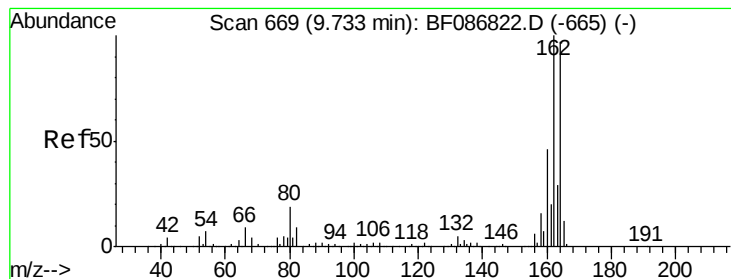
Tgt Ion:128 Resp: 229705
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.8 16.2



#33
4-Chloroaniline
Concen: 3.06 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion:127 Resp: 29908
Ion Ratio Lower Upper
127 100
129 83.4 26.2 39.4#
65 0.0 23.0 34.4#
92 0.0 15.1 22.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)RE

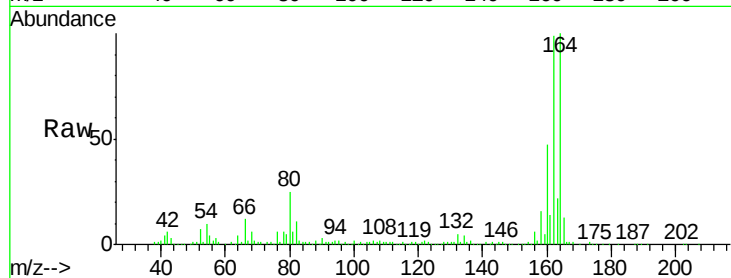
Tgt Ion:164 Resp: 206282

Ion Ratio Lower Upper

164 100

162 98.9 82.8 124.2

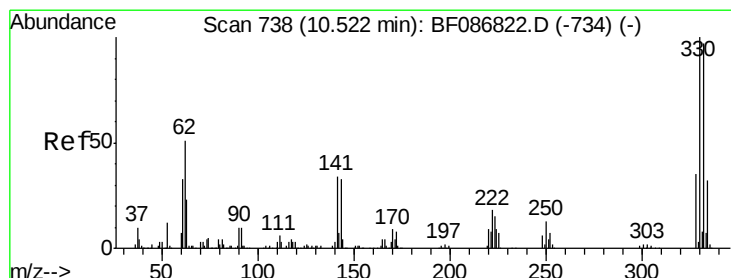
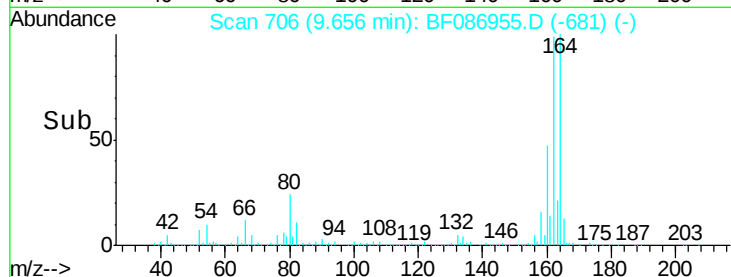
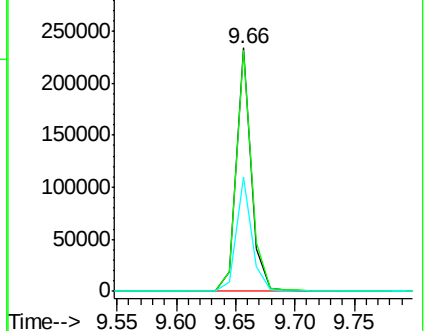
160 46.8 36.9 55.3



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: 92.30 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

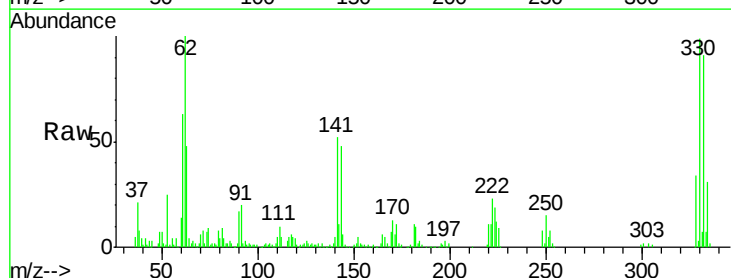
Tgt Ion:330 Resp: 201576

Ion Ratio Lower Upper

330 100

332 92.2 79.0 118.4

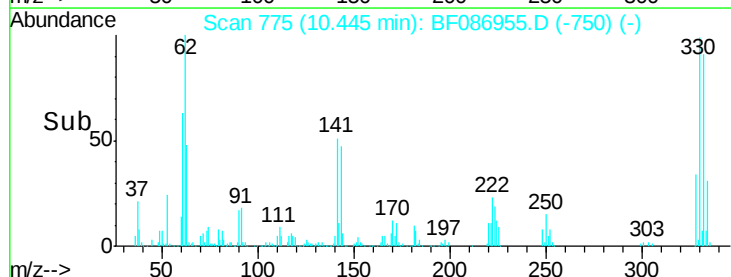
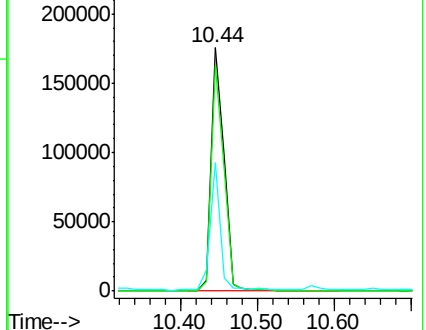
141 41.8 31.2 46.8

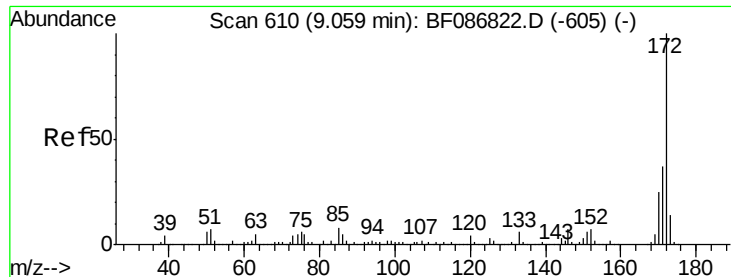


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



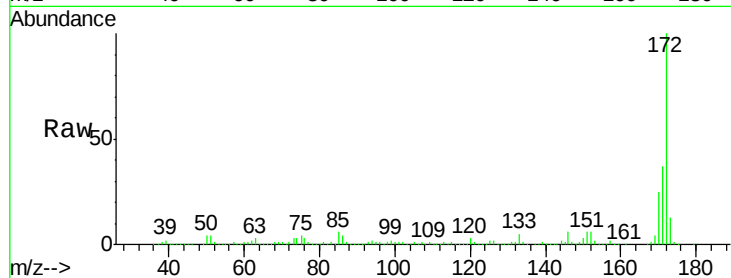


#44
 2-Fluorobiphenyl
 Concen: 91.20 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086955.D
 Acq: 13 May 2016 3:13

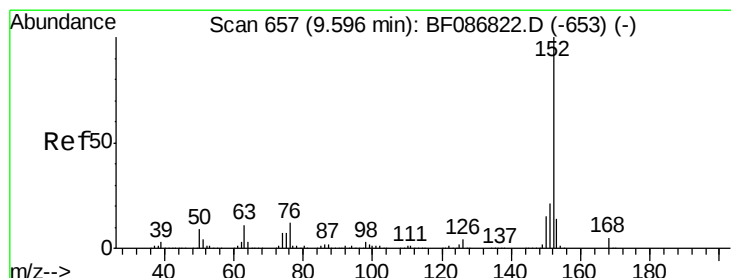
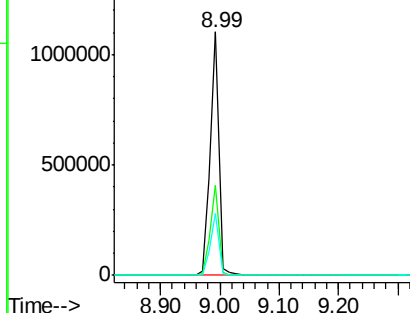
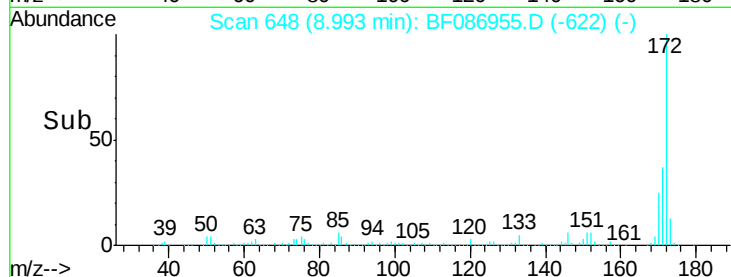
Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)RE

Tgt Ion:172 Resp: 1119417

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	25.2	19.8	29.8



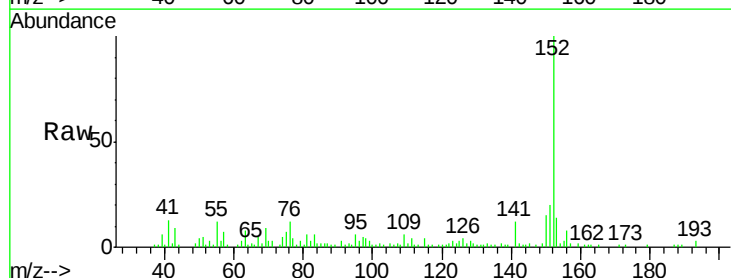
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



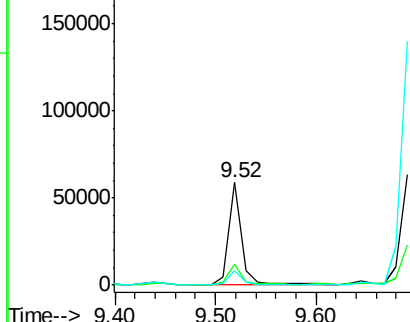
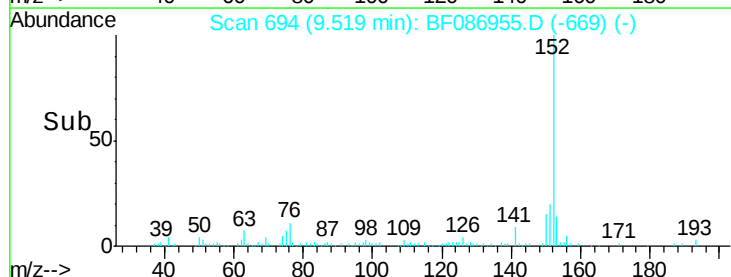
#48
 Acenaphthylene
 Concen: 2.77 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF086955.D
 Acq: 13 May 2016 3:13

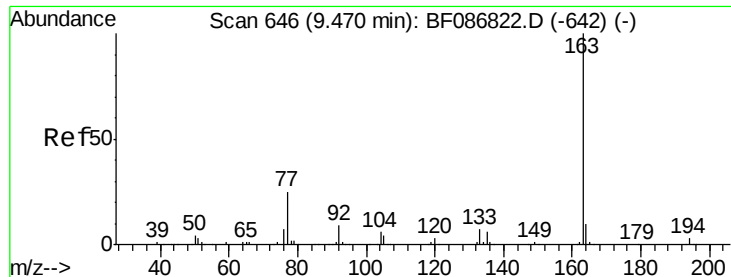
Tgt Ion:152 Resp: 52456

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.5	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

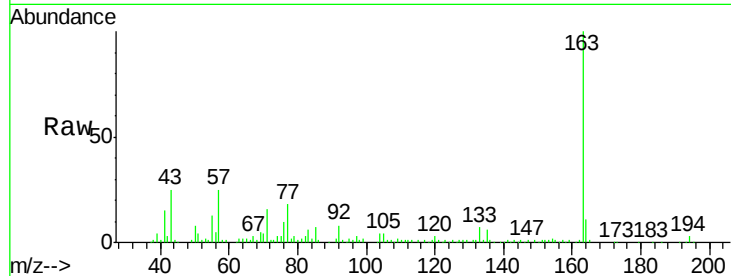




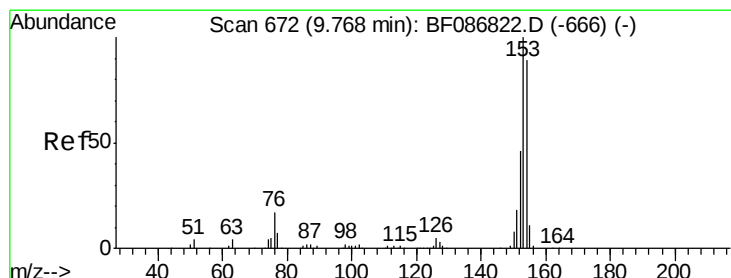
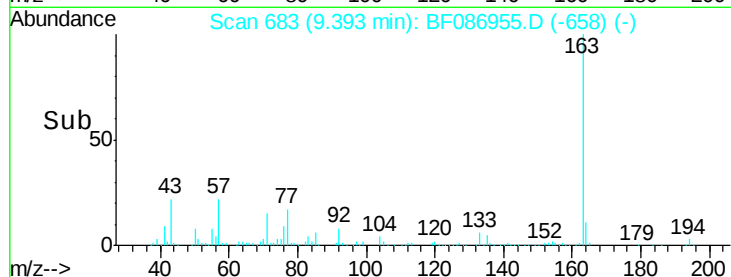
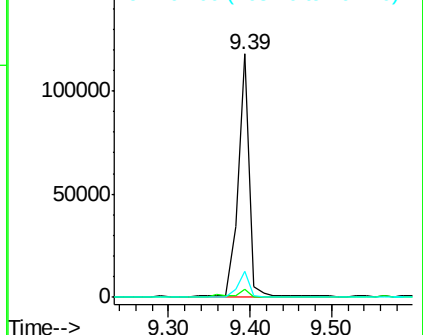
#49
Dimethylphthalate
Concen: 7.10 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

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

Tgt Ion:163 Resp: 111733
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.2 12.4

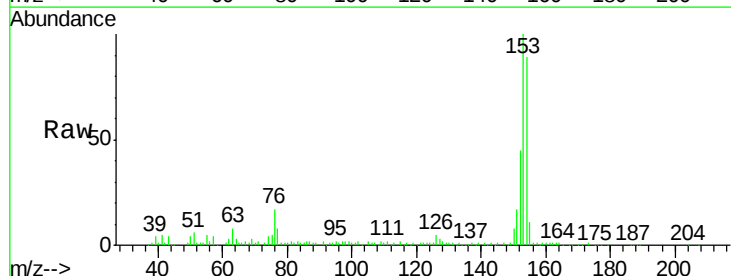


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

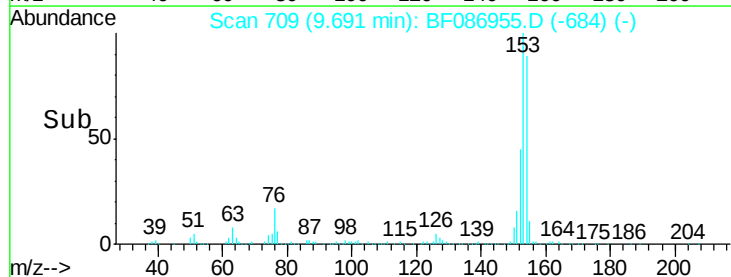
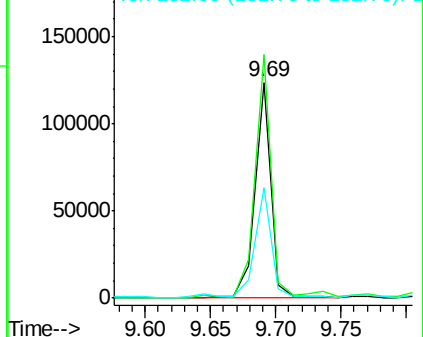


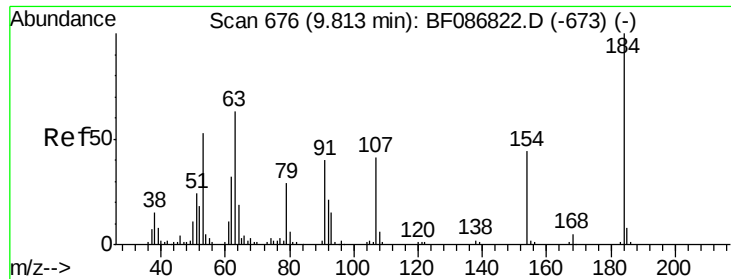
#51
Acenaphthene
Concen: 9.09 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion:154 Resp: 106951
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 51.2 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

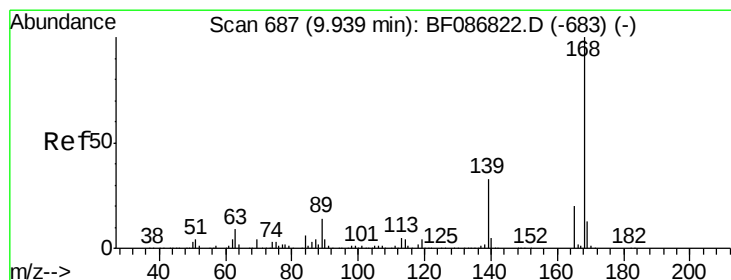
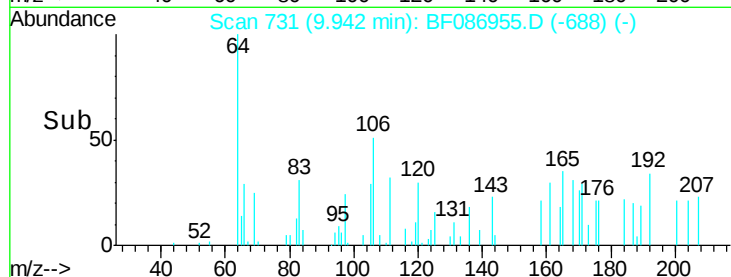
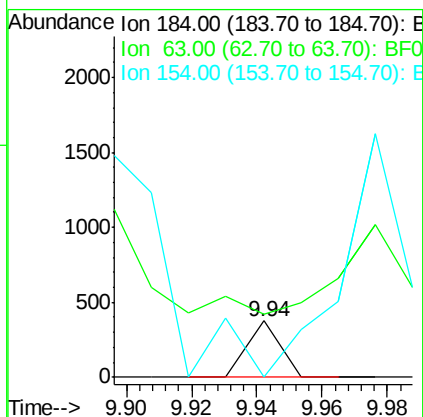
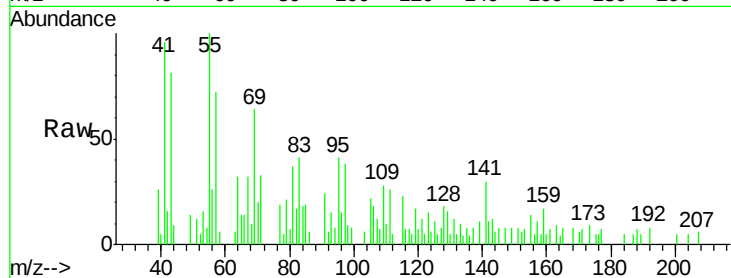




#53
2,4-Dinitrophenol
Concen: 7.83 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.19 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

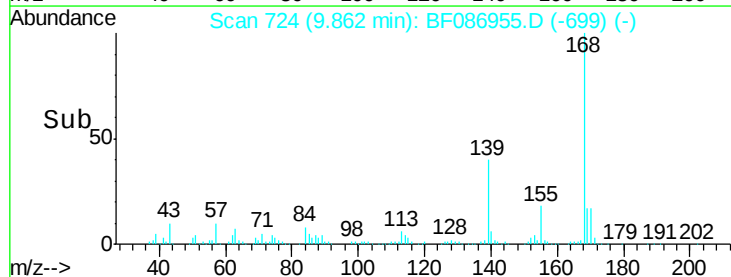
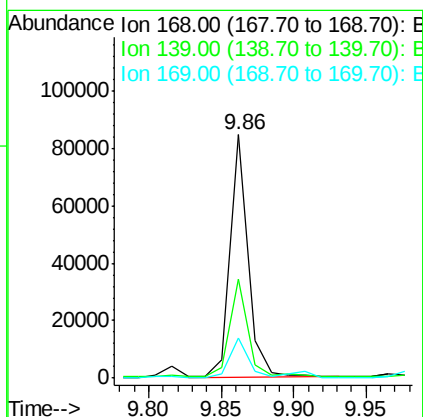
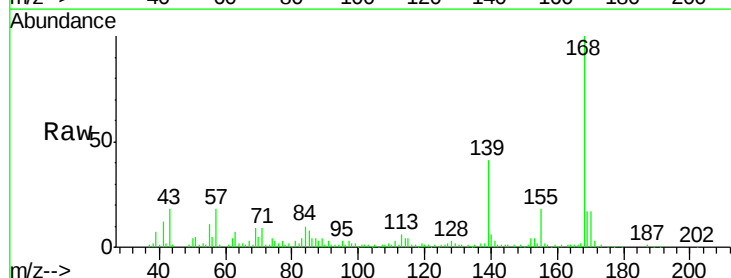
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)RE

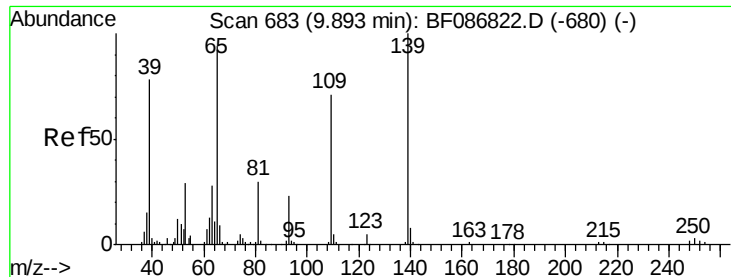
Tgt Ion:184 Resp: 257
Ion Ratio Lower Upper
184 100
63 111.2 55.8 83.8#
154 0.0 62.4 93.6#



#54
Dibenzofuran
Concen: 4.83 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion:168 Resp: 72980
Ion Ratio Lower Upper
168 100
139 40.6 31.4 47.0
169 16.6 10.7 16.1#

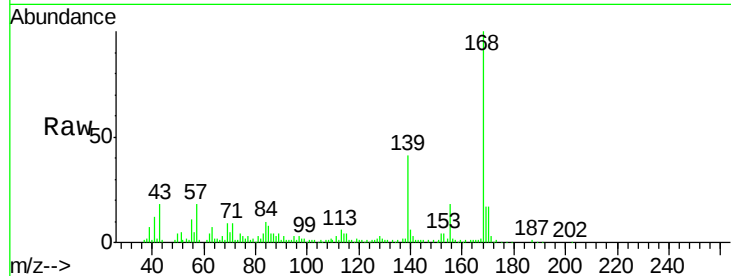




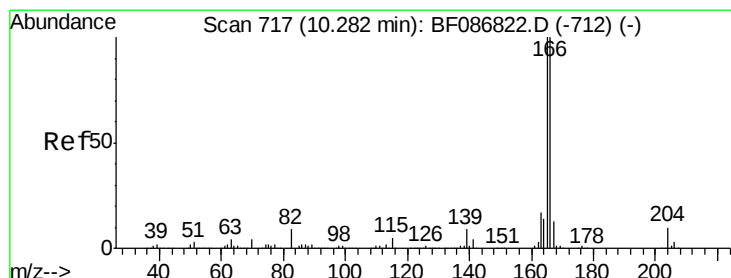
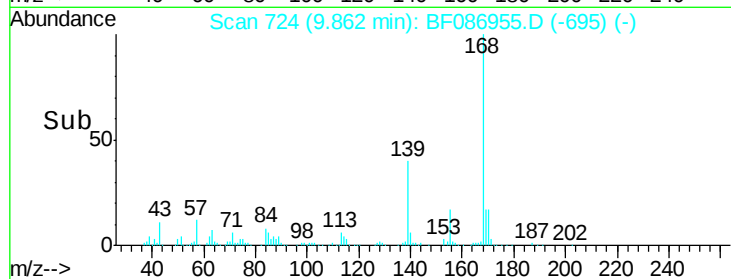
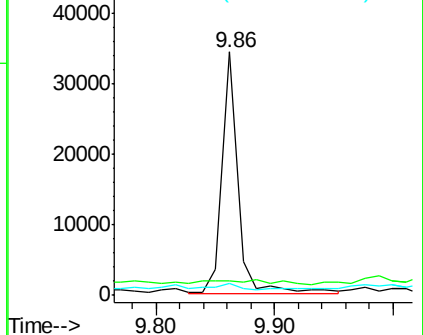
#55
4-Nitrophenol
Concen: 17.47 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.03 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

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

Tgt Ion:139 Resp: 31817
Ion Ratio Lower Upper
139 100
109 5.8 36.9 76.9#
65 5.0 64.0 104.0#

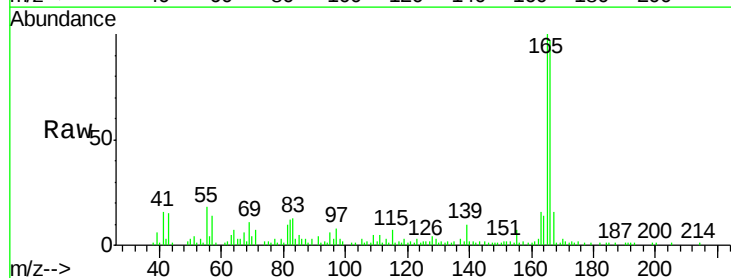


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

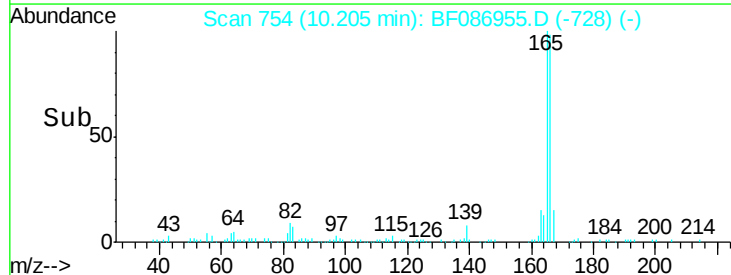
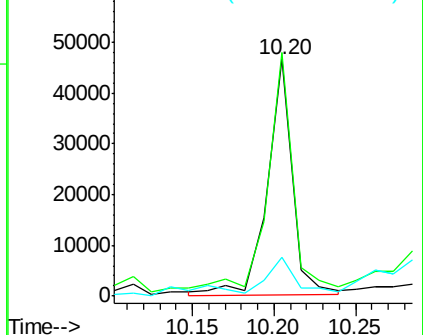


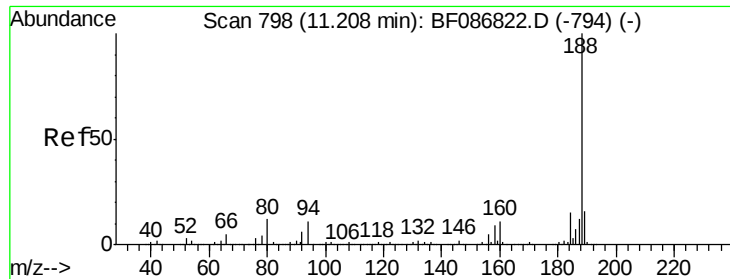
#57
Fluorene
Concen: 3.85 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion:166 Resp: 49513
Ion Ratio Lower Upper
166 100
165 102.8 79.0 118.6
167 16.5 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

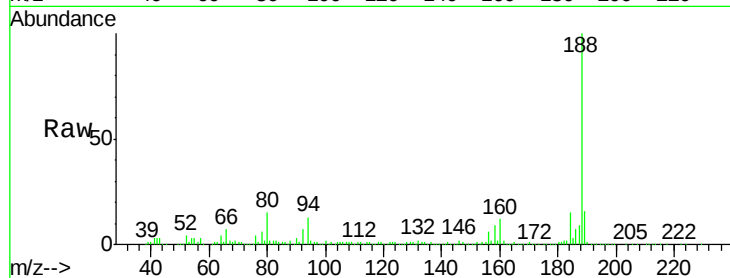




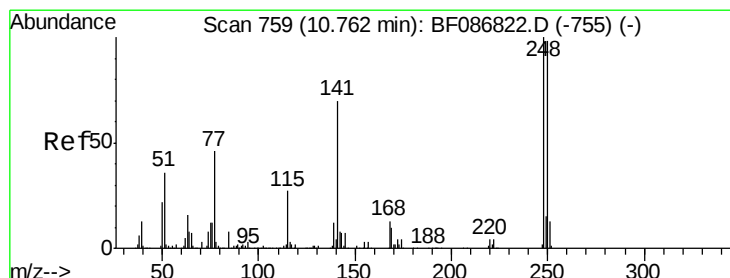
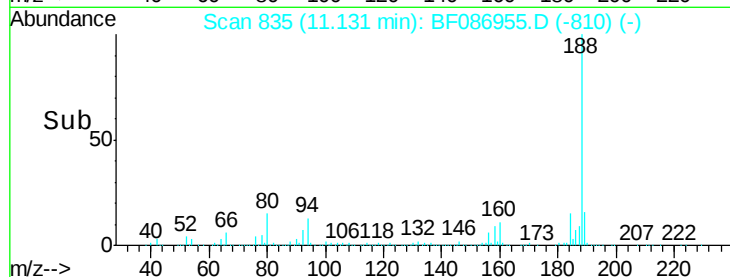
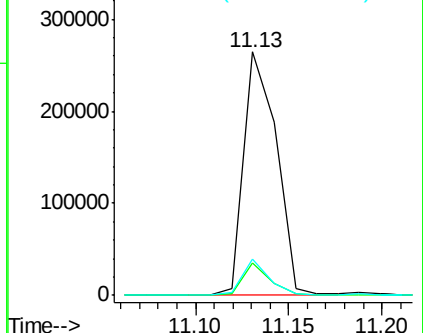
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

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

Tgt Ion:188 Resp: 323528
Ion Ratio Lower Upper
188 100
94 13.5 6.8 10.2#
80 14.9 7.1 10.7#

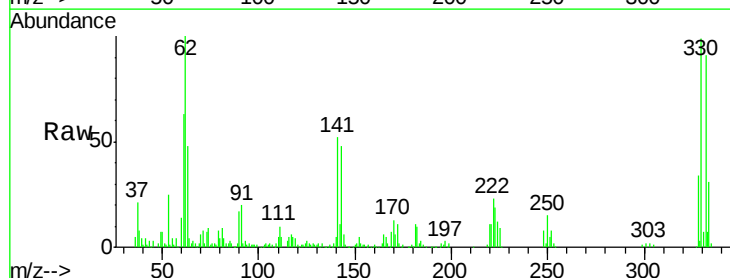


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

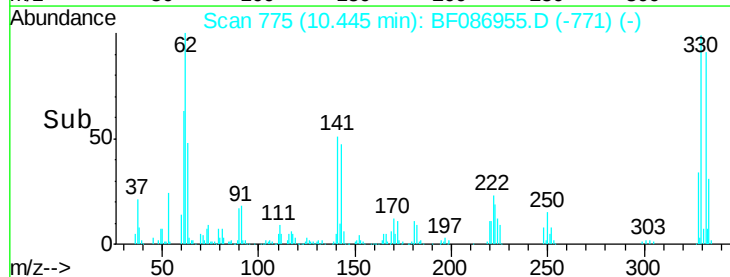
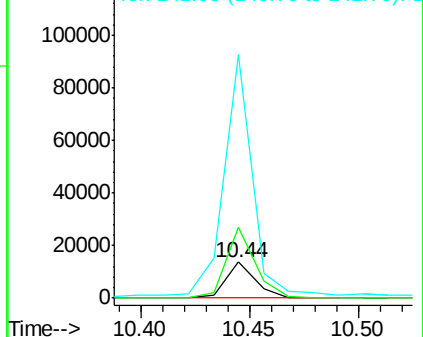


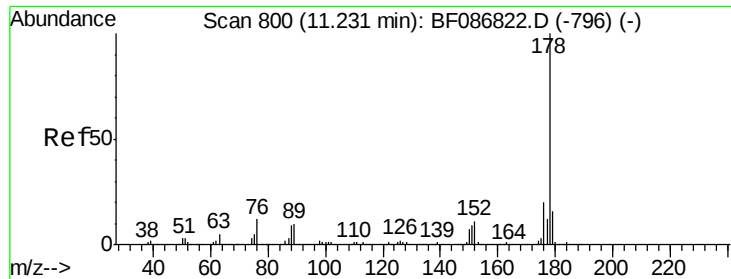
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion:248 Resp: 12911
Ion Ratio Lower Upper
248 100
250 194.5 78.6 117.8#
141 672.7 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

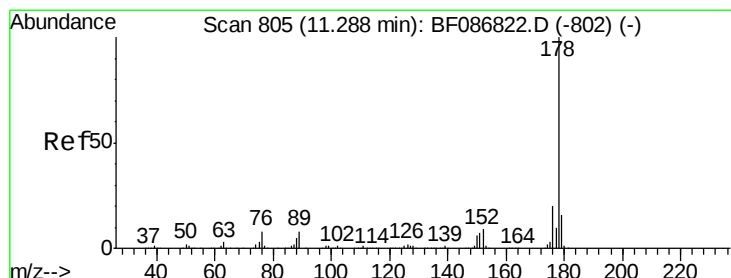
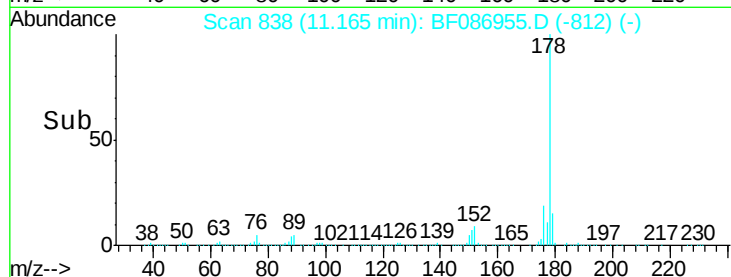
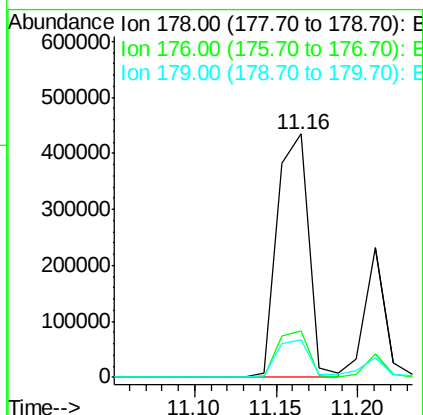
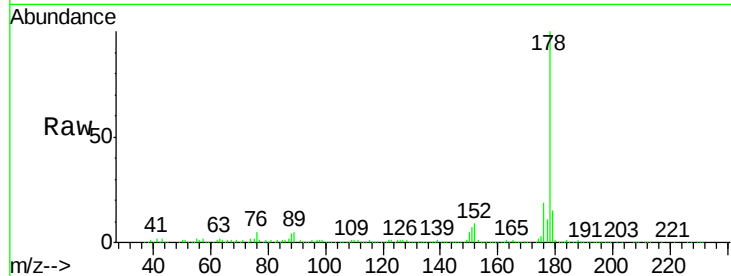




#70
Phenanthrene
Concen: 33.60 ng
RT: 11.16 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

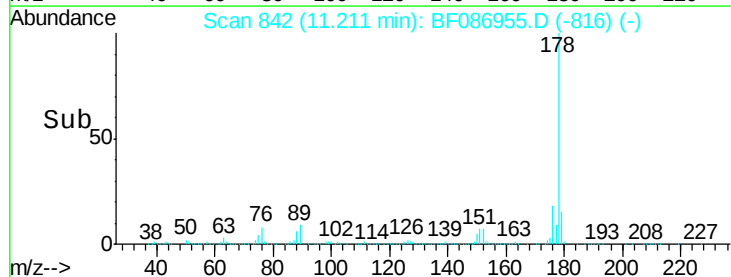
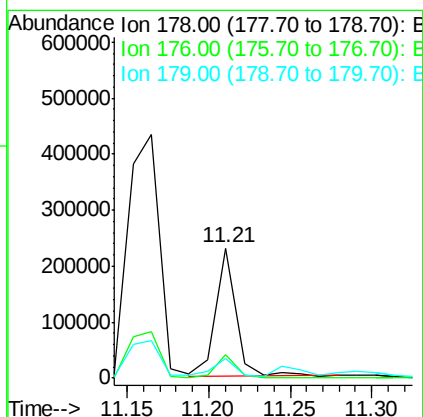
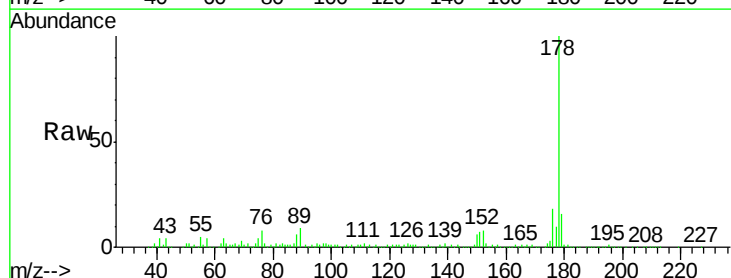
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)RE

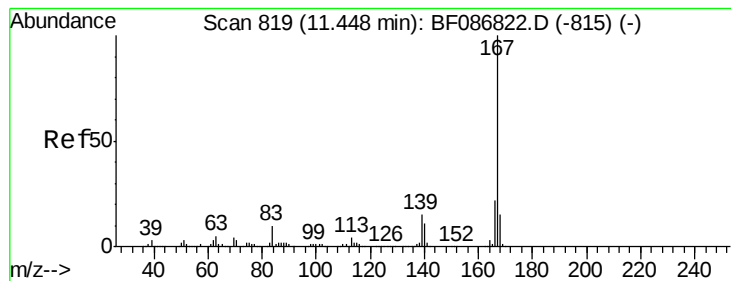
Tgt Ion:178 Resp: 580030
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.5 12.6 18.8



#71
Anthracene
Concen: 11.32 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF086955.D
Acq: 13 May 2016 3:13

Tgt Ion:178 Resp: 199924
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 15.5 12.7 19.1





#72

Carbazole

Concen: 3.38 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)RE

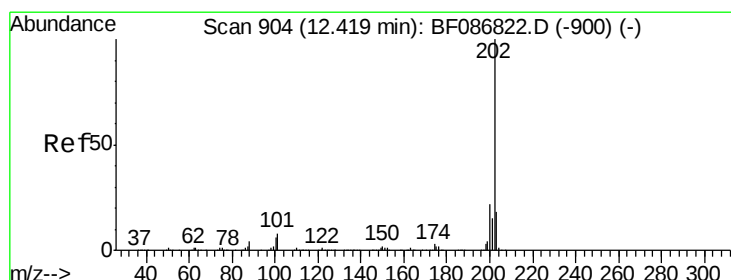
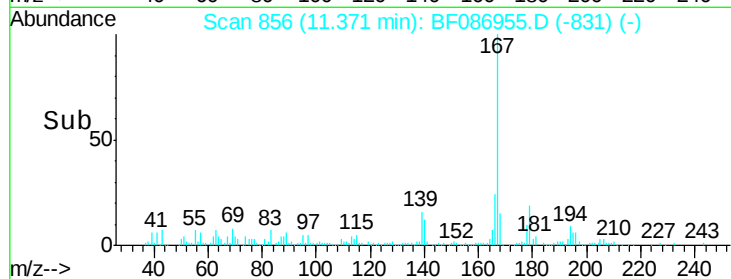
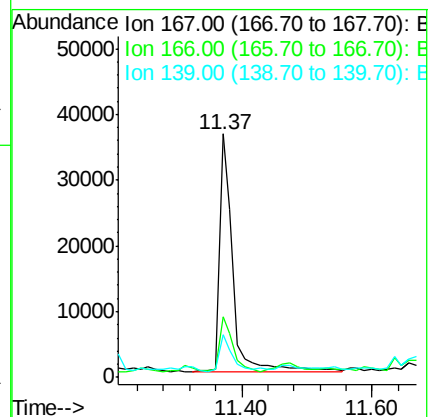
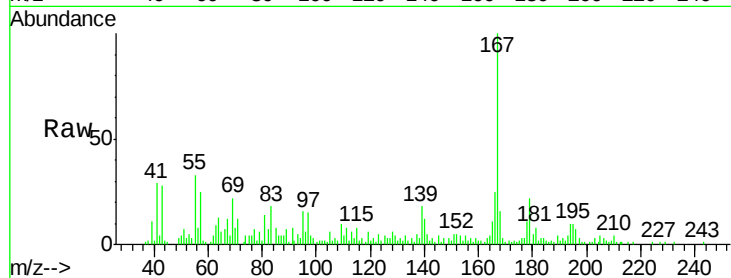
Tgt Ion:167 Resp: 51324

Ion Ratio Lower Upper

167 100

166 25.1 17.7 26.5

139 17.7 10.8 16.2#



#74

Fluoranthene

Concen: 55.61 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

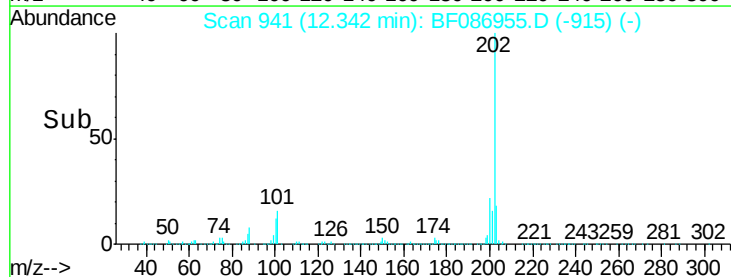
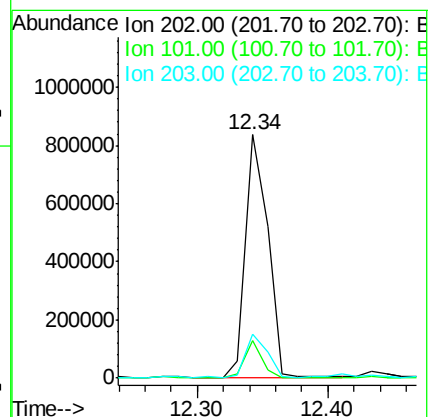
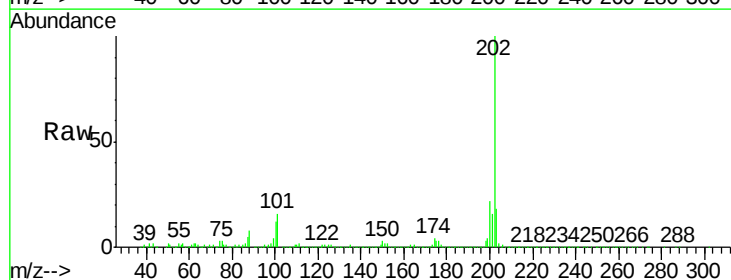
Tgt Ion:202 Resp: 987512

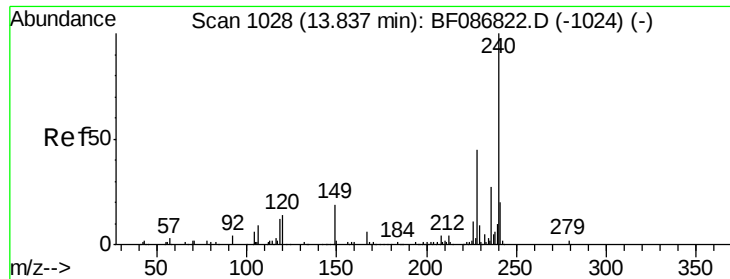
Ion Ratio Lower Upper

202 100

101 15.7 0.0 35.4

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)RE

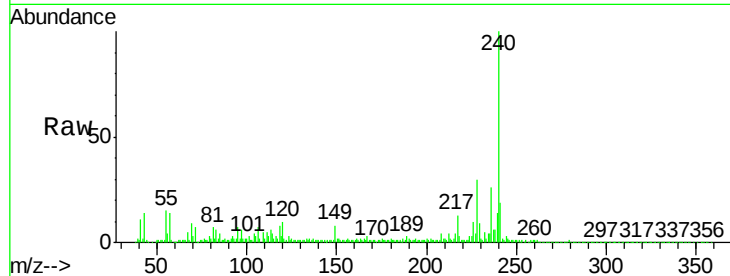
Tgt Ion:240 Resp: 291053

Ion Ratio Lower Upper

240 100

120 9.8 11.2 16.8#

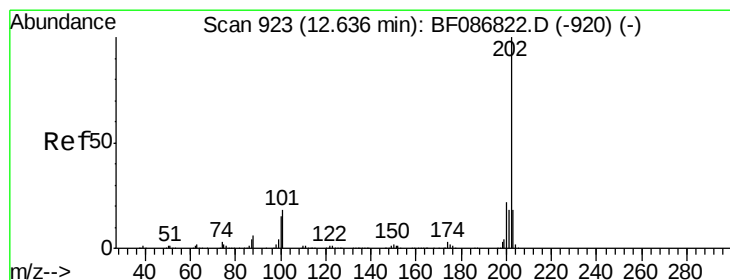
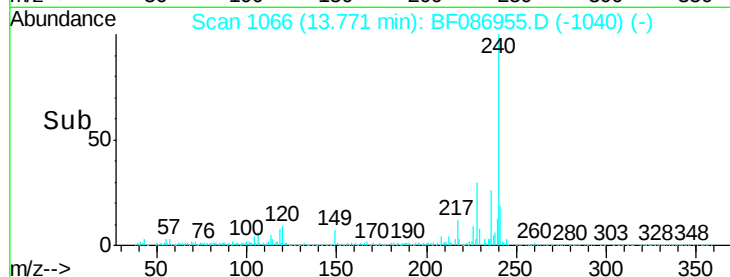
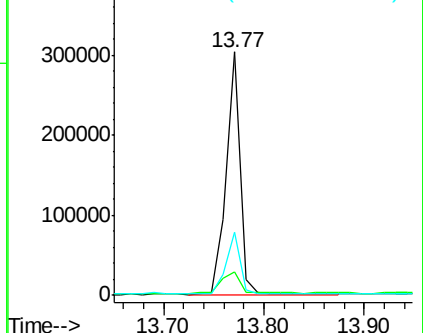
236 26.1 21.2 31.8



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: 41.84 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

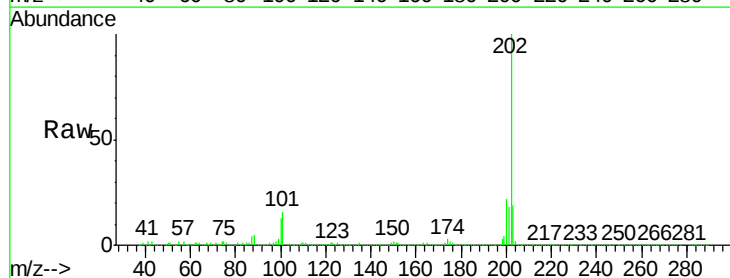
Tgt Ion:202 Resp: 932236

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

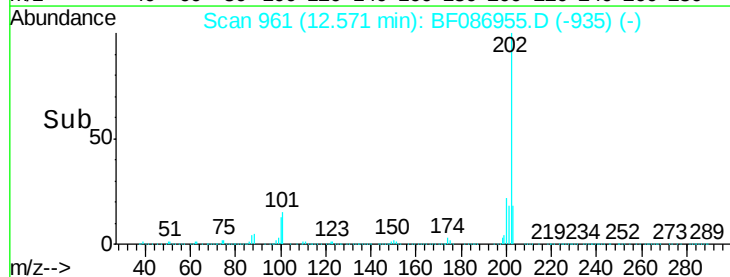
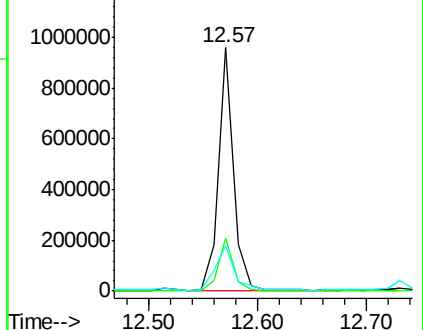
203 18.6 14.2 21.4

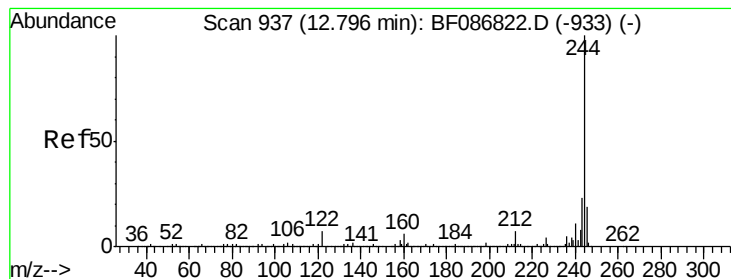


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.91 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)RE

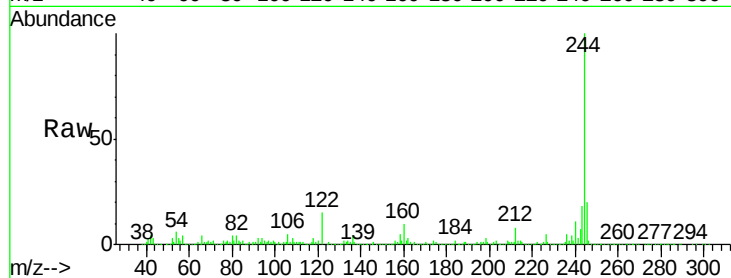
Tgt Ion:244 Resp: 753200

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

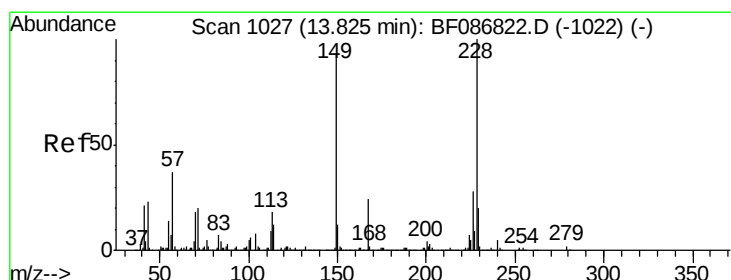
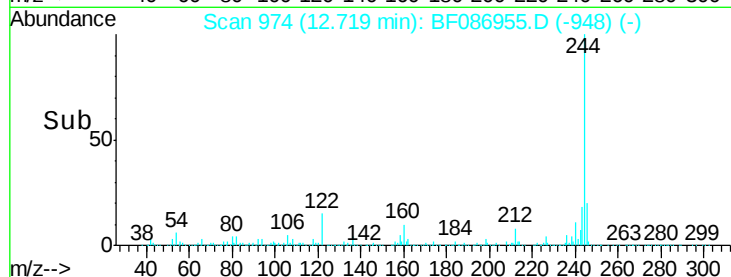
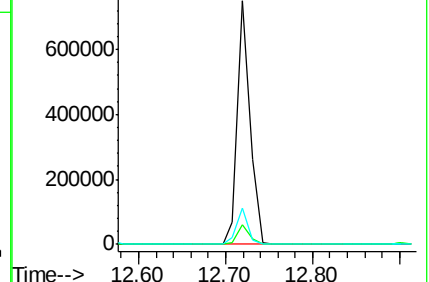
122 14.7 12.0 18.0



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: 37.69 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

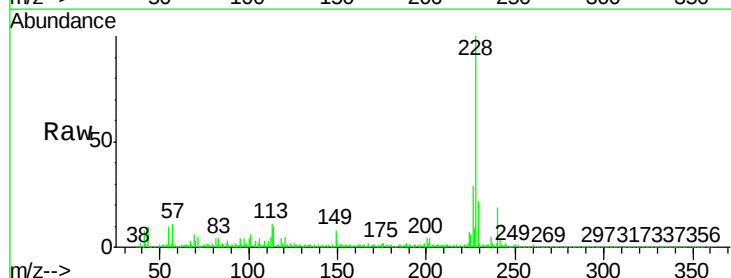
Tgt Ion:228 Resp: 615859

Ion Ratio Lower Upper

228 100

226 29.0 22.5 33.7

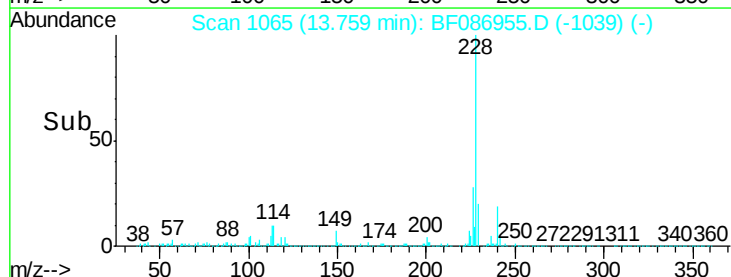
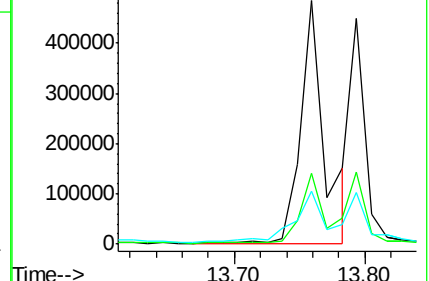
229 21.6 16.6 25.0

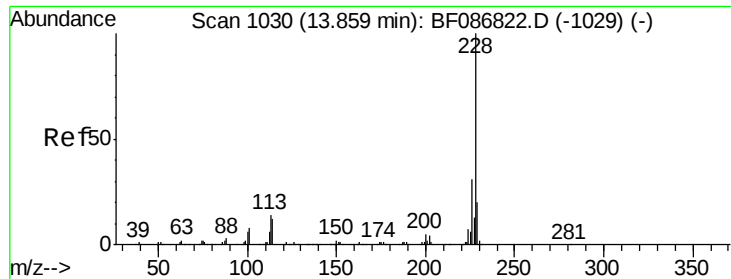


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 37.05 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

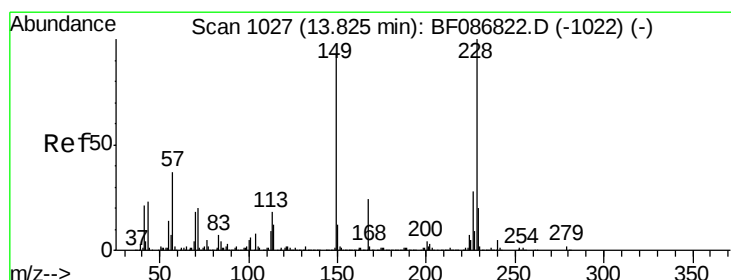
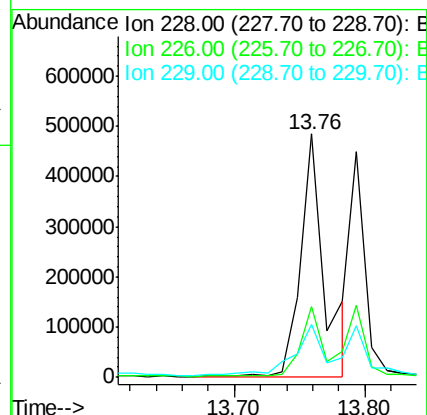
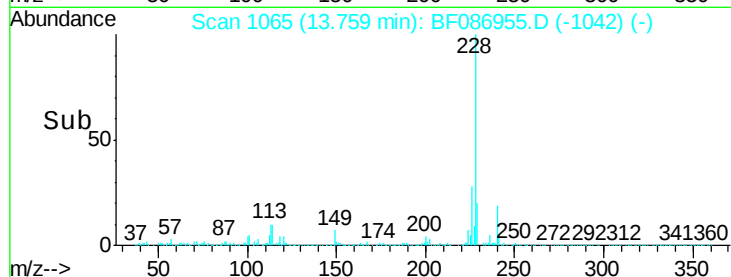
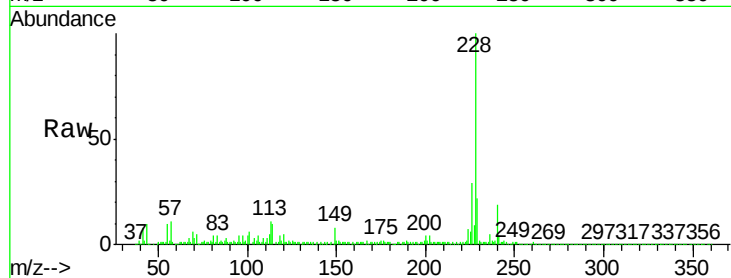
BNA_F

ClientSampleId :

E-13(5.5-6)RE

Tgt Ion:228 Resp: 615859

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	21.6	15.8	23.8



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.24 ng

RT: 13.76 min Scan# 1065

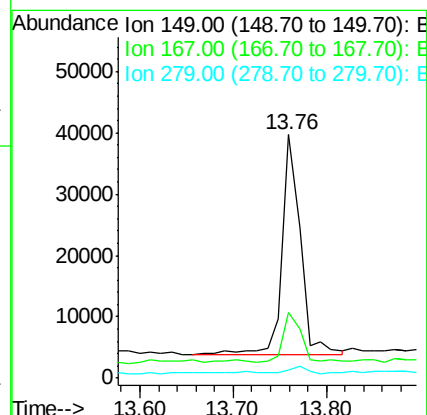
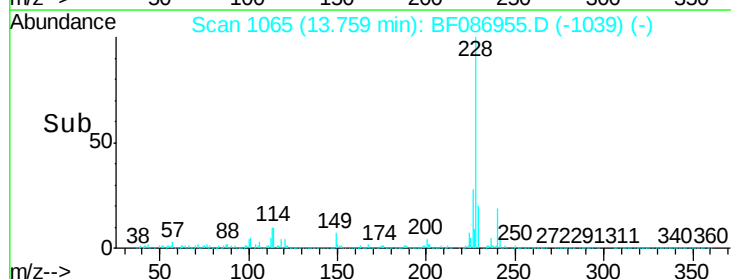
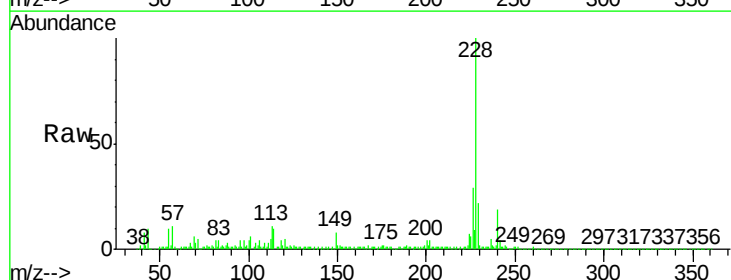
Delta R.T. 0.00 min

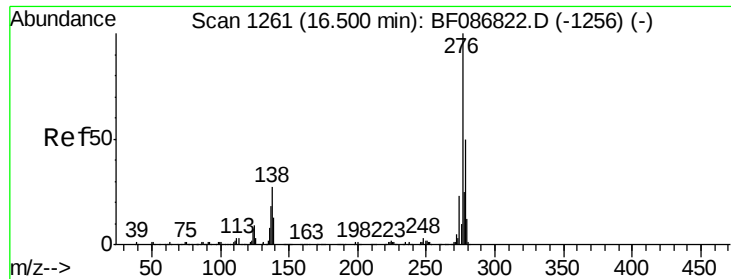
Lab File: BF086955.D

Acq: 13 May 2016 3:13

Tgt Ion:149 Resp: 48098

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.6
279	3.4	2.6	4.0

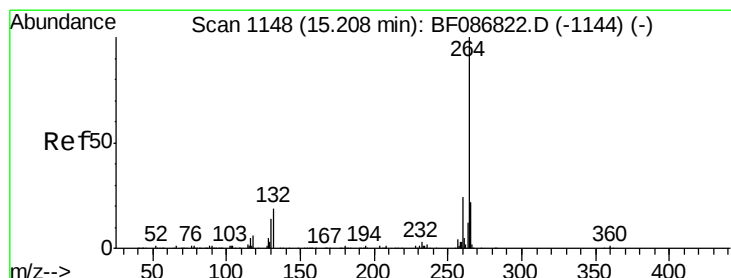
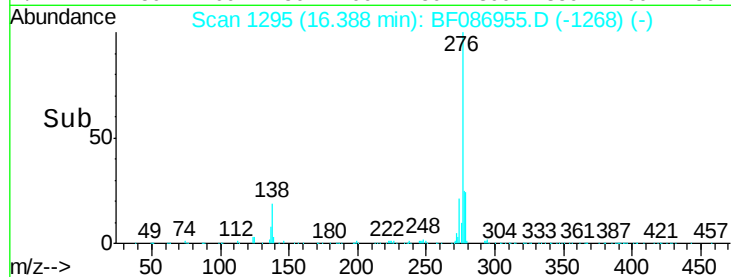
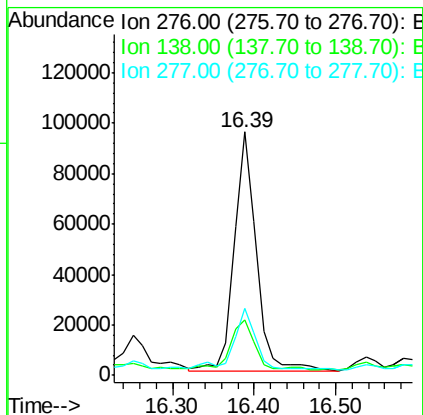
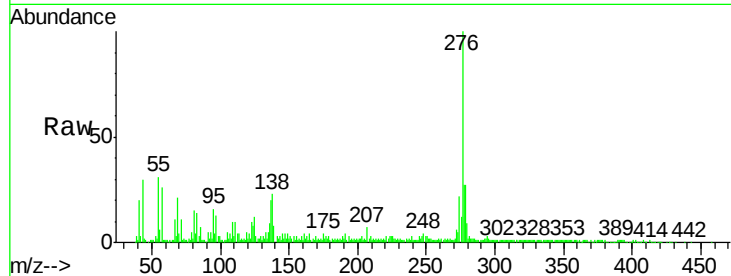




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.86 ng
 RT: 16.39 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF086955.D
 Acq: 13 May 2016 3:13

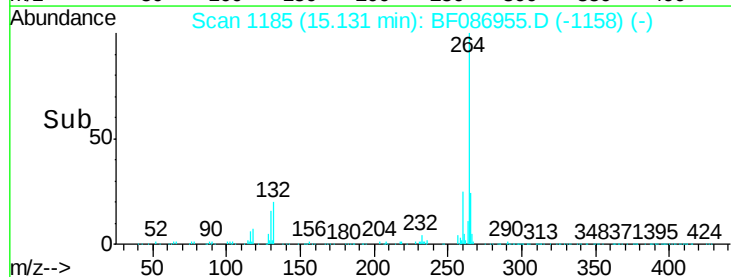
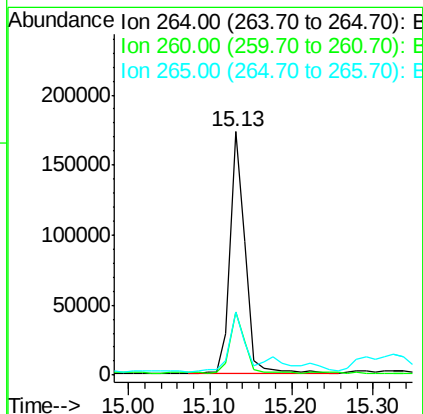
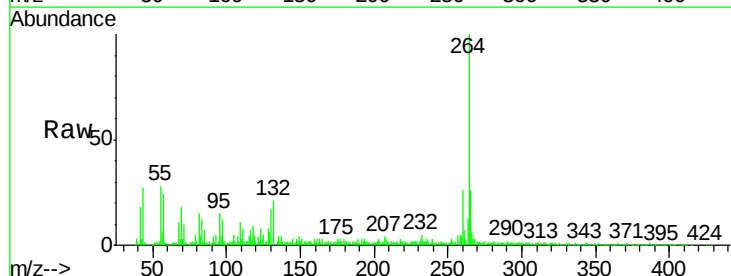
Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)RE

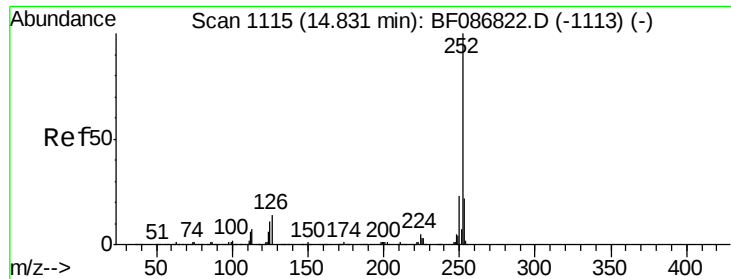
Tgt Ion: 276 Resp: 177781
 Ion Ratio Lower Upper
 276 100
 138 21.2 25.6 38.4#
 277 25.5 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF086955.D
 Acq: 13 May 2016 3:13

Tgt Ion: 264 Resp: 218762
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.5 29.3
 265 25.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 43.94 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

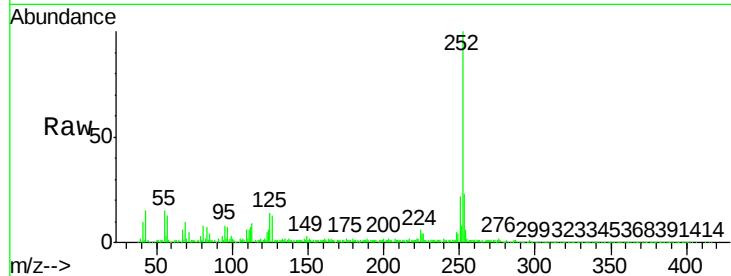
Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)RE

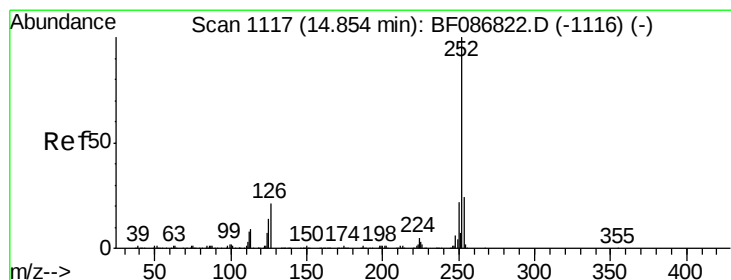
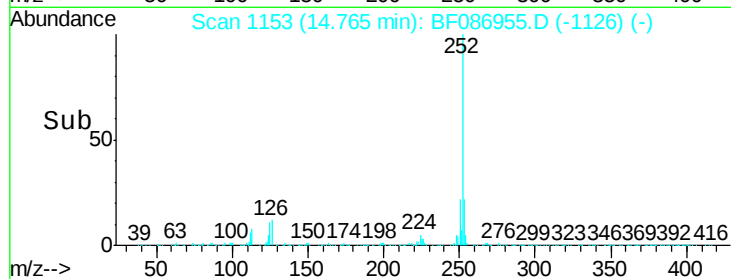
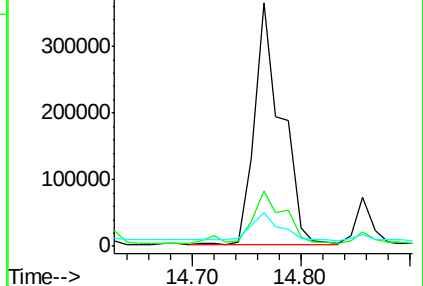
Tgt Ion:	252	Resp:	624719
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.7	11.4	17.0



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: 53.66 ng

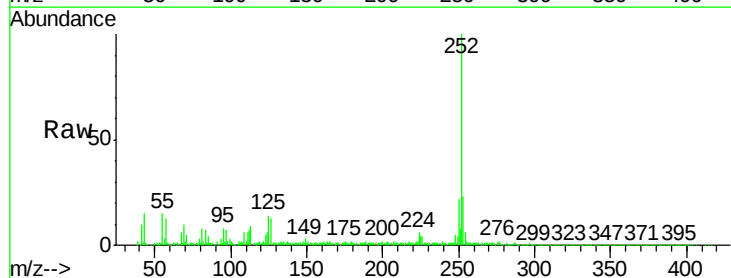
RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

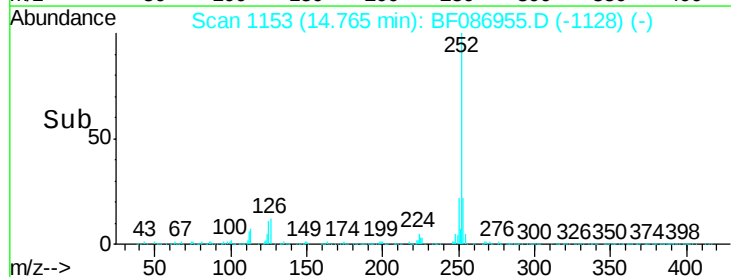
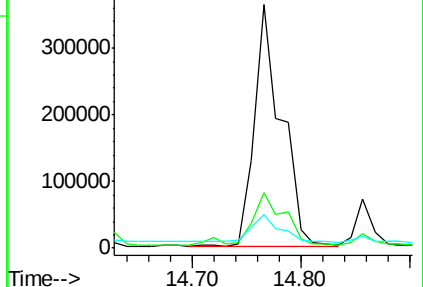
Tgt Ion:	252	Resp:	624719
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.7	9.1	13.7

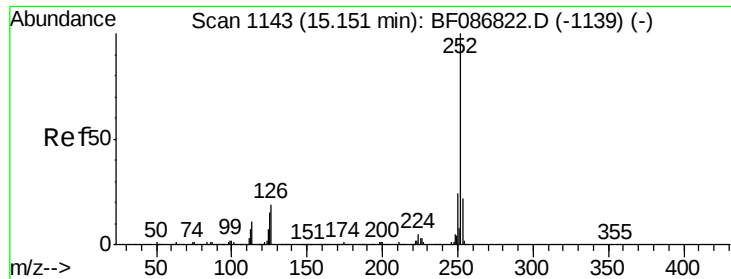


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 26.48 ng

RT: 15.09 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)RE

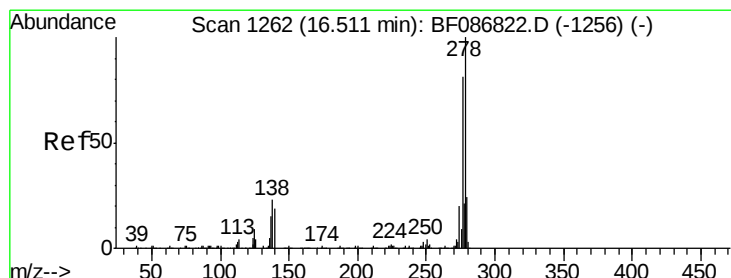
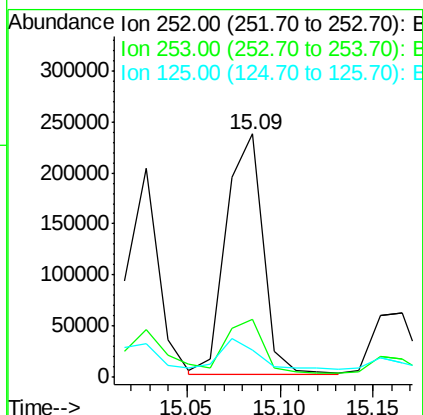
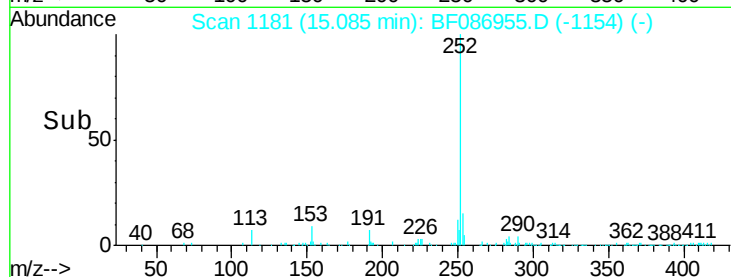
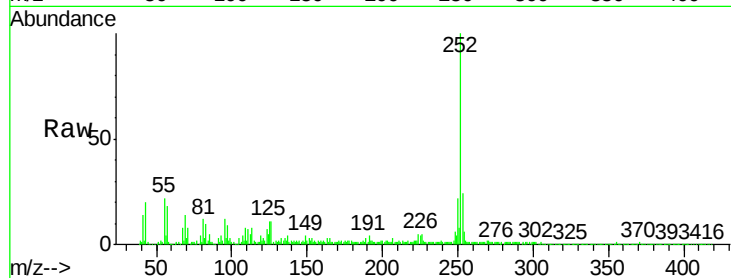
Tgt Ion:252 Resp: 324784

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 11.2 9.0 13.6



#90

Dibenzo(a,h)anthracene

Concen: 5.49 ng

RT: 16.39 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

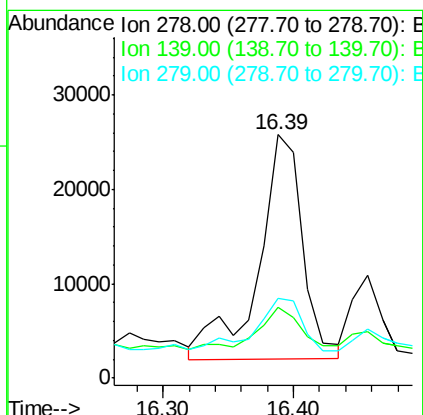
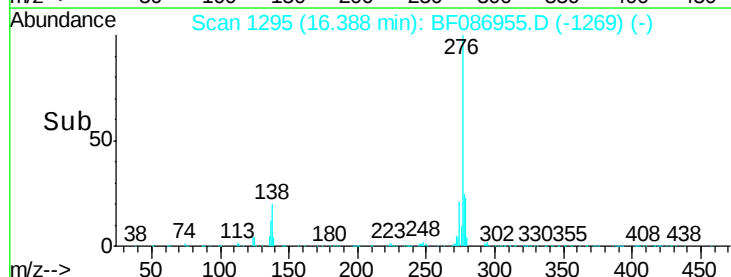
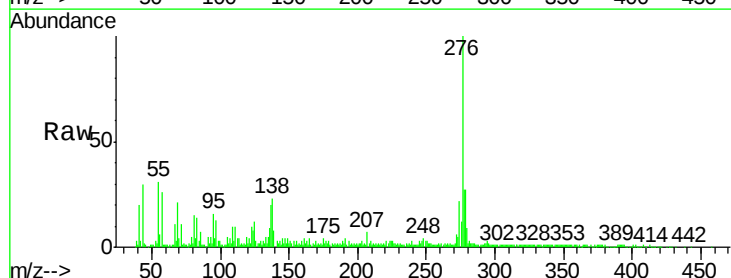
Tgt Ion:278 Resp: 56714

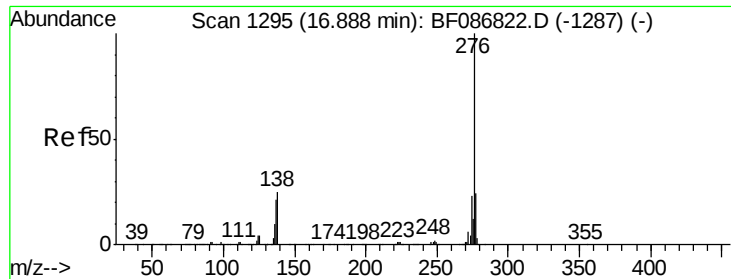
Ion Ratio Lower Upper

278 100

139 29.1 16.6 24.8#

279 33.0 19.6 29.4#





#91

Benzo(g,h,i)perylene

Concen: 15.30 ng

RT: 16.77 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF086955.D

Acq: 13 May 2016 3:13

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)RE

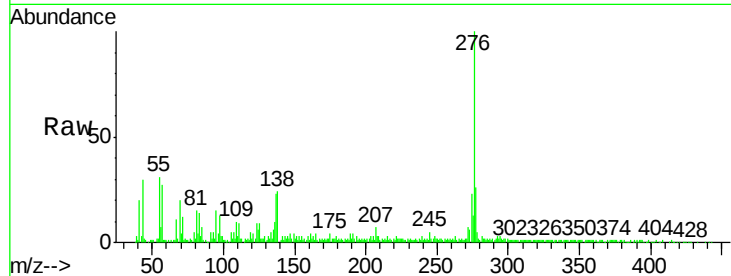
Tgt Ion: 276 Resp: 160642

Ion Ratio Lower Upper

276 100

277 25.8 19.6 29.4

138 24.4 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

