

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093922.D
 Acq On : 24 Mar 2017 22:30
 Operator : SJ/MA
 Sample : I2367-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R14-SSW

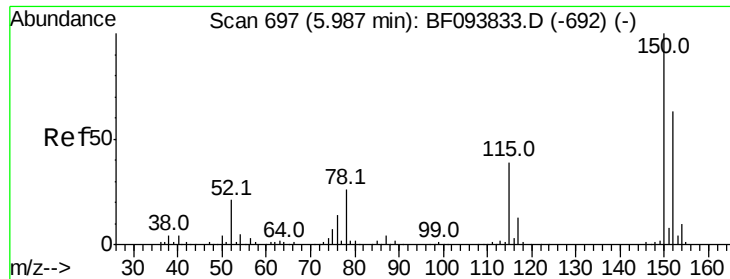
Quant Time: Mar 24 23:06:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	183240	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	727637	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	315650	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	521536	20.00	ng	-0.03
75) Chrysene-d12	14.69	240	300089	20.00	ng	-0.02
86) Perylene-d12	16.33	264	301814	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1183265	109.07	ng	0.00
7) Phenol-d6	5.56	99	1553070	115.72	ng	-0.01
23) Nitrobenzene-d5	6.61	82	982602	77.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	278581	111.69	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1572716	76.00	ng	-0.04
78) Terphenyl-d14	13.41	244	930754	69.52	ng	-0.03

Target Compounds				Qvalue		
10) Phenol	5.57	94	66611	4.36	ng	95
19) n-Nitroso-di-n-propylamine	6.61	70	131800	15.28	ng	# 77
31) Naphthalene	7.49	128	158961	4.54	ng	99
37) 2-Methylnaphthalene	8.33	142	59391	2.55	ng	99
48) Acenaphthylene	9.43	152	401821	12.13	ng	99
49) Dimethylphthalate	9.28	163	282841	12.61	ng	99
51) Acenaphthene	9.65	154	83724	4.33	ng	98
54) Dibenzofuran	9.86	168	114930	4.37	ng	96
57) Fluorene	10.27	166	140960	6.46	ng	99
70) Phenanthrene	11.47	178	1791335	61.74	ng	100
71) Anthracene	11.52	178	544207	18.22	ng	98
72) Carbazole	11.72	167	226337	7.39	ng	96
74) Fluoranthene	12.94	202	2532486	85.25	ng	99
77) Pyrene	13.22	202	2242865	102.99	ng	99
80) Benzo(a)anthracene	14.68	228	1217201	69.56	ng	95
81) 3,3'-Dichlorobenzidine	14.75	252	13007	2.08	ng	# 9
82) Chrysene	14.73	228	1171287	72.13	ng	98
83) Bis(2-ethylhexyl)phthalate	14.73	149	34415	2.72	ng	100
85) Indeno(1,2,3-cd)pyrene	17.72	276	688317	48.94	ng	96
87) Benzo(b)fluoranthene	15.93	252	2191771	118.47	ng	# 97
88) Benzo(k)fluoranthene	15.93	252	2191771	121.08	ng	99
89) Benzo(a)pyrene	16.28	252	1078515	63.31	ng	98
90) Dibenzo(a,h)anthracene	17.73	278	190045	13.17	ng	94
91) Benzo(g,h,i)perylene	18.13	276	654560	45.02	ng	99

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

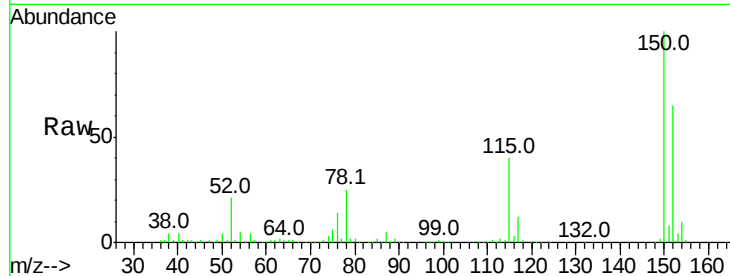


#1

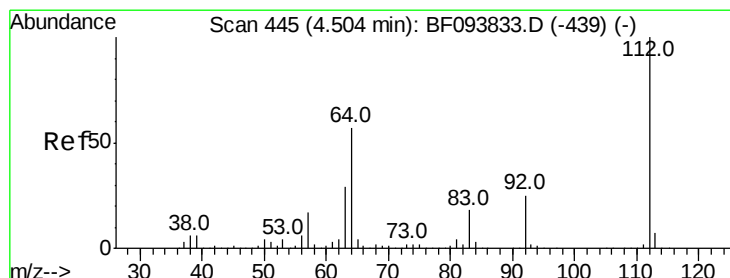
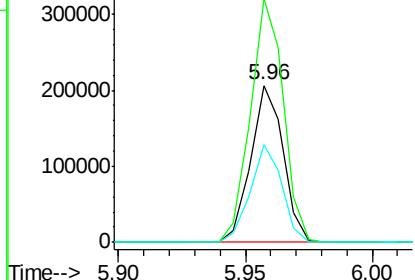
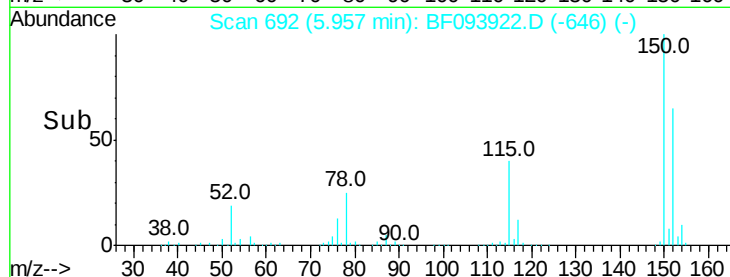
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Instrument :
BNA_F
ClientSampleId :
E2-R14-SSW

Tot Ion:152 Resp: 183240
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.9 52.2 78.2



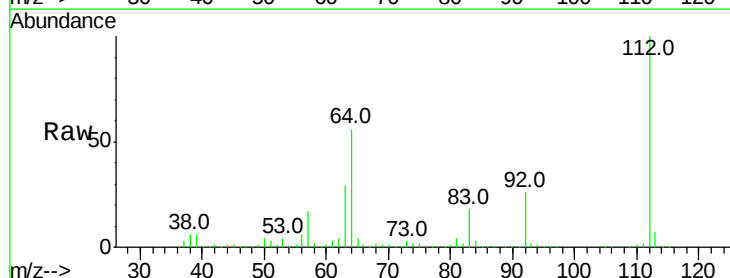
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



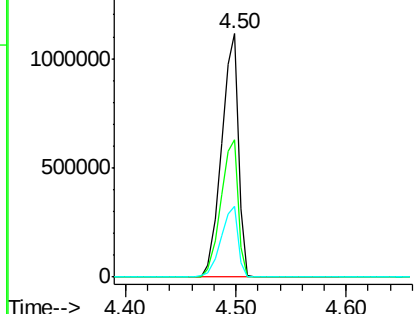
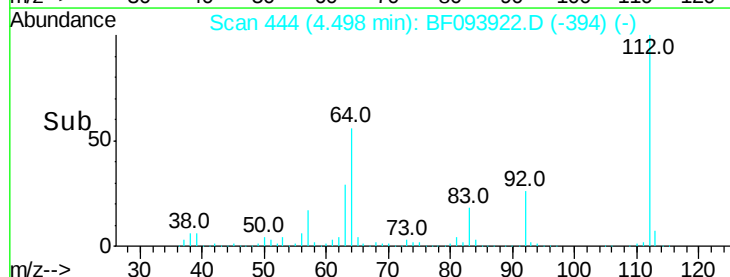
#5

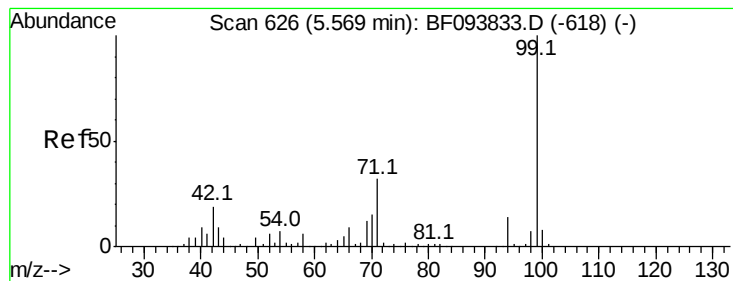
2-Fluorophenol
Concen: 109.07 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Tgt Ion:112 Resp: 1183265
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 29.1 23.4 35.0



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: 115.72 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

BNA_F

ClientSampleId :

E2-R14-SSW

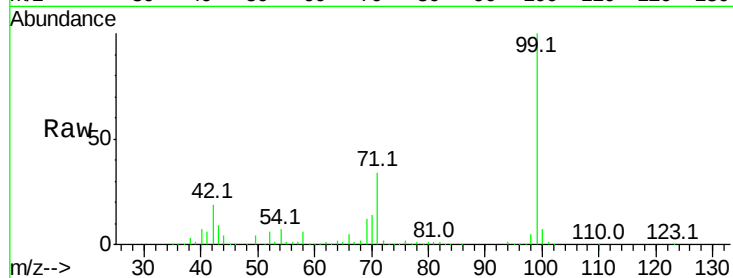
Tot Ion: 99 Resp: 1553070

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

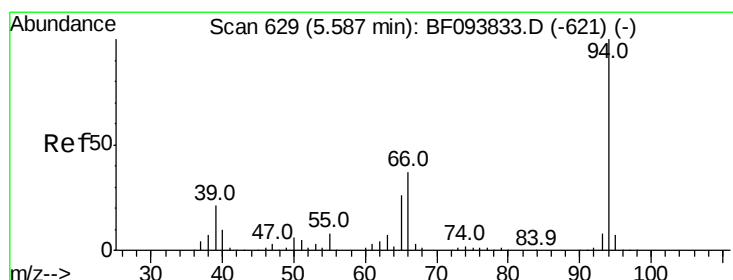
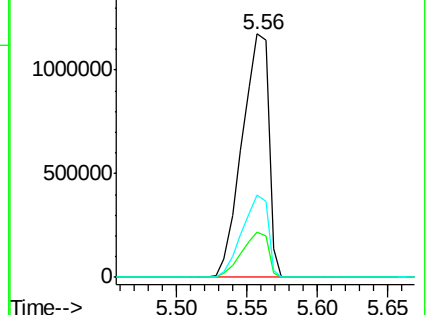
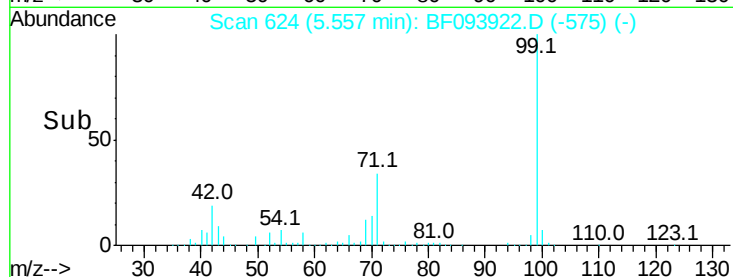
71 33.6 24.5 36.7



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



#10

Phenol

Concen: 4.36 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

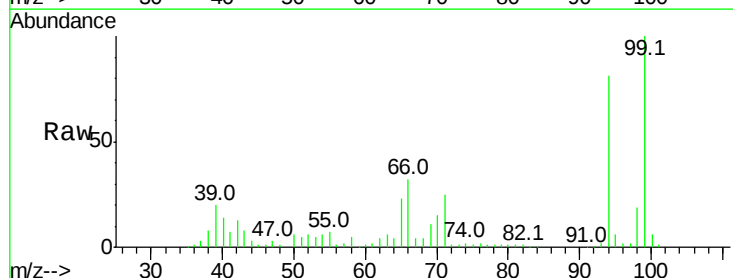
Tgt Ion: 94 Resp: 66611

Ion Ratio Lower Upper

94 100

65 28.6 9.9 49.9

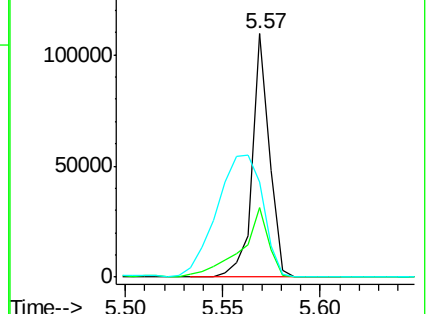
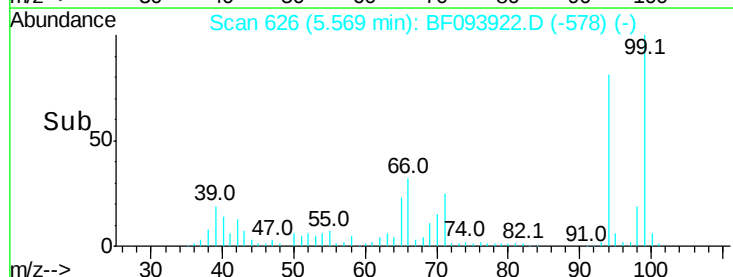
66 39.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

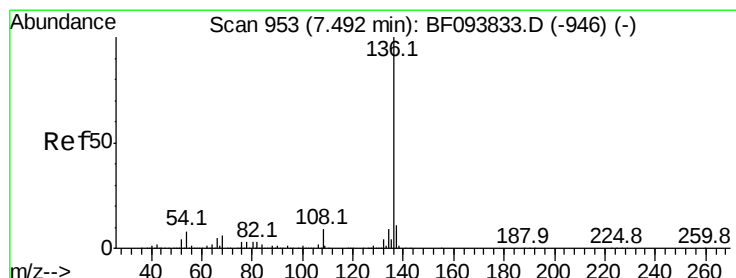
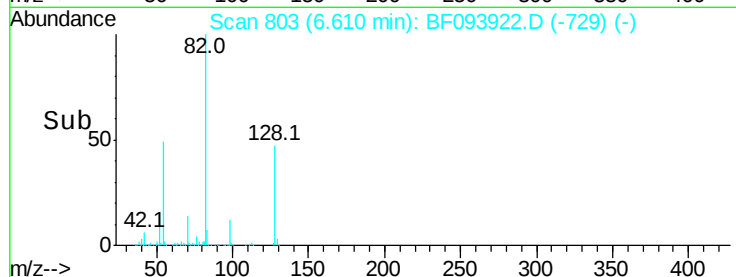
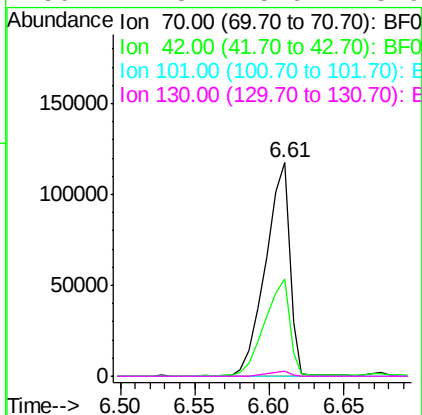
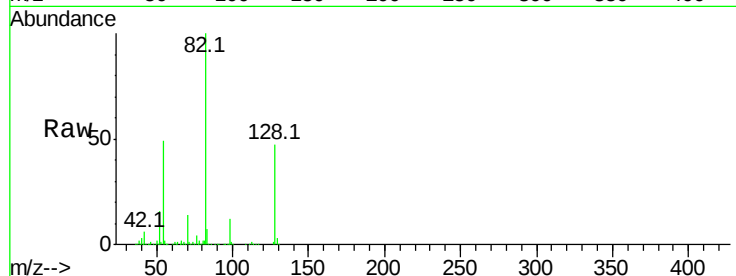




#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 6.61 min Scan# 803
Delta R.T. 0.14 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

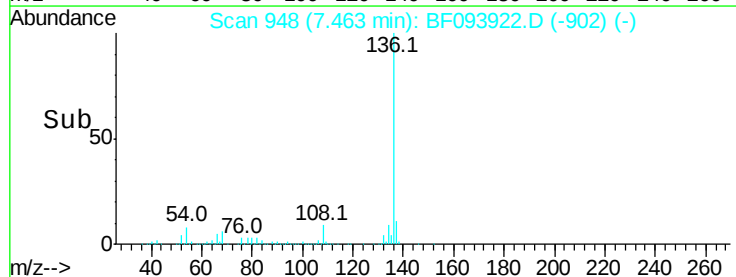
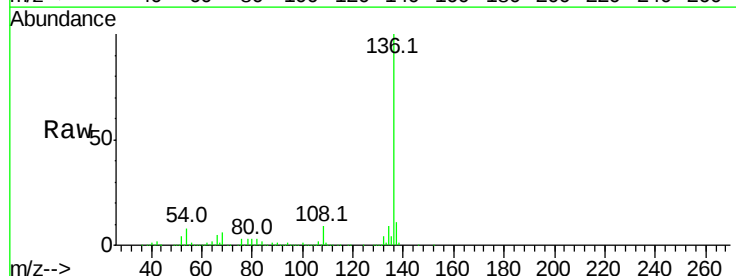
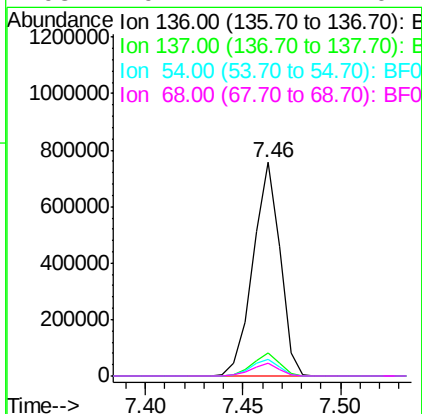
Instrument :
BNA_F
ClientSampleId :
E2-R14-SSW

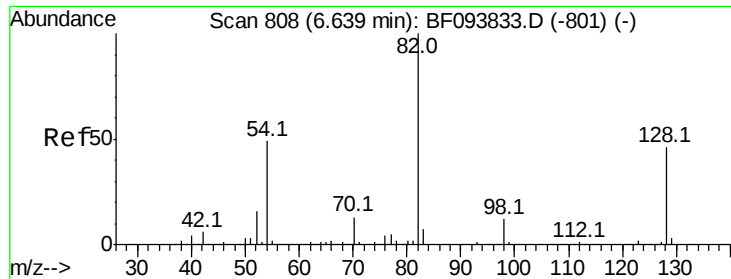
Tot Ion: 70 Resp: 131800
Ion Ratio Lower Upper
70 100
42 45.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Tgt Ion: 136 Resp: 727637
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.7 4.9 7.3#
68 6.2 4.1 6.1#

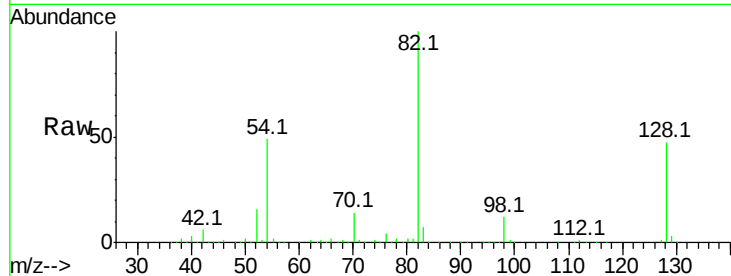




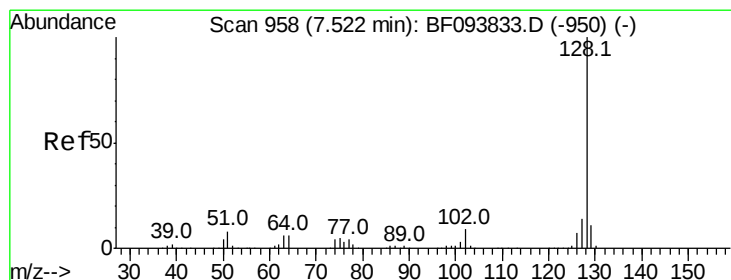
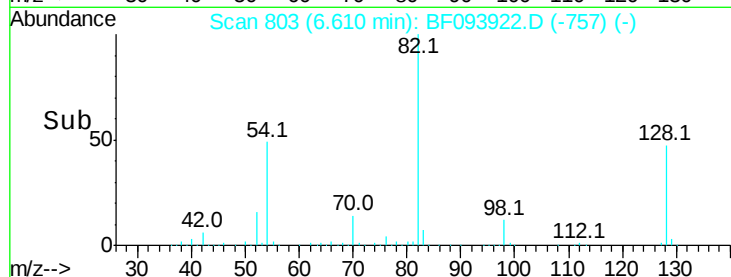
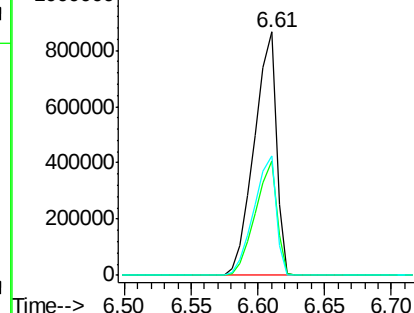
#23
Nitrobenzene-d5
Concen: 77.07 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Instrument :
BNA_F
ClientSampleId :
E2-R14-SSW

Tot Ion: 82 Resp: 982602
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 48.8 42.2 63.2

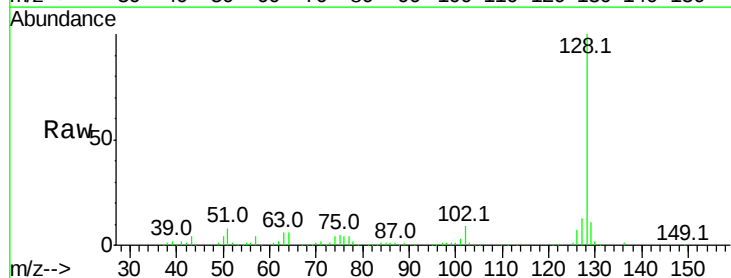


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

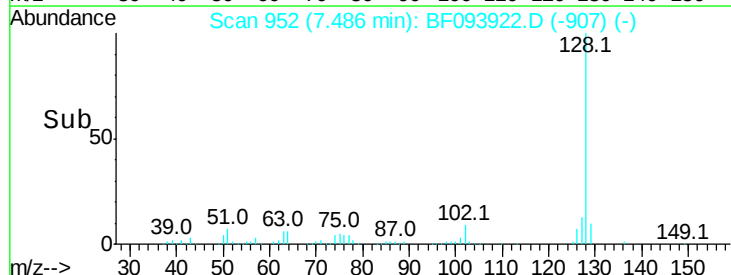
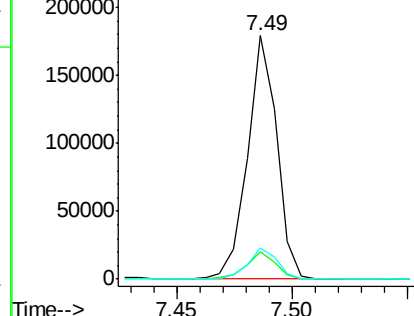


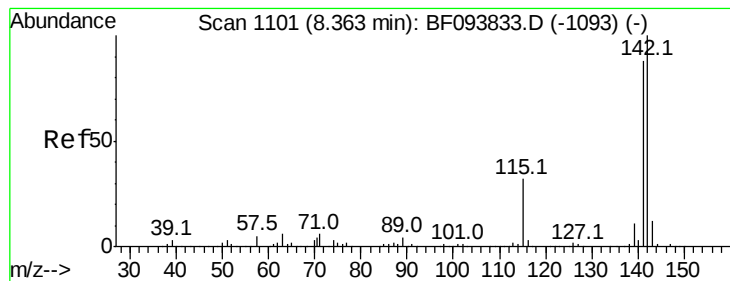
#31
Naphthalene
Concen: 4.54 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.04 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Tgt Ion:128 Resp: 158961
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.55 ng

RT: 8.33 min Scan# 1095

Delta R.T. -0.04 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

BNA_F

ClientSampleId :

E2-R14-SSW

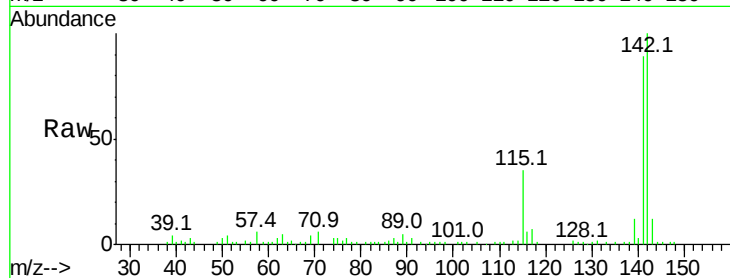
Tot Ion:142 Resp: 59391

Ion Ratio Lower Upper

142 100

141 88.7 71.3 106.9

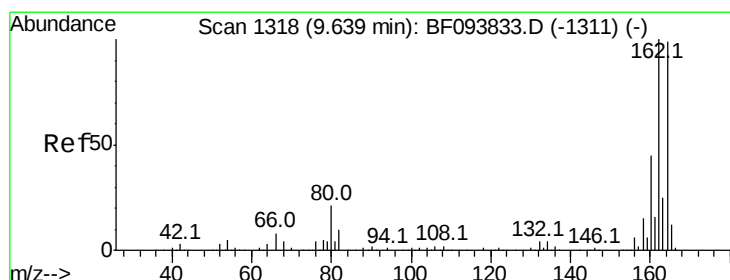
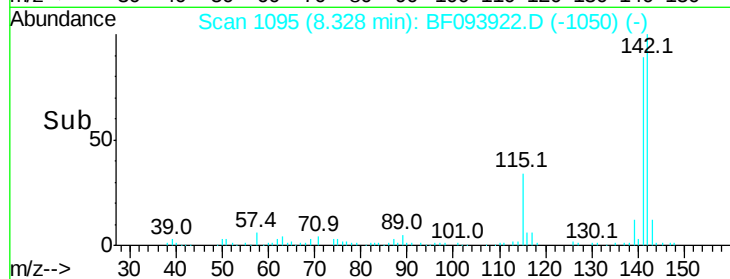
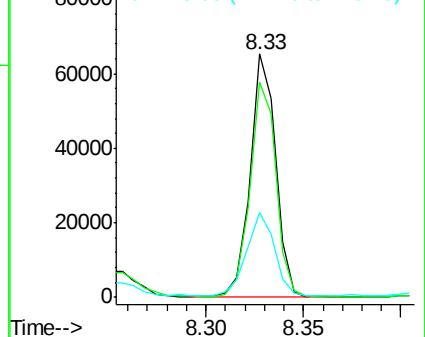
115 35.0 27.1 40.7



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: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

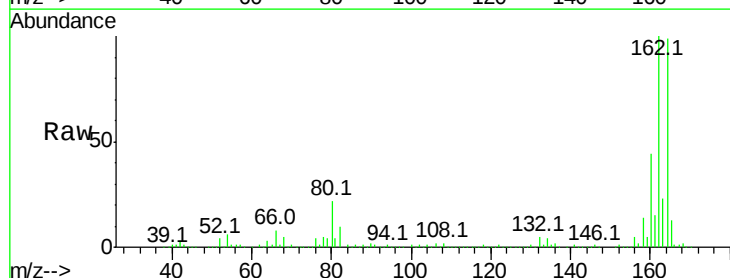
Tgt Ion:164 Resp: 315650

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

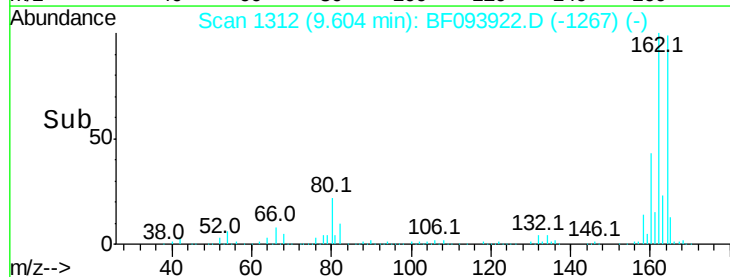
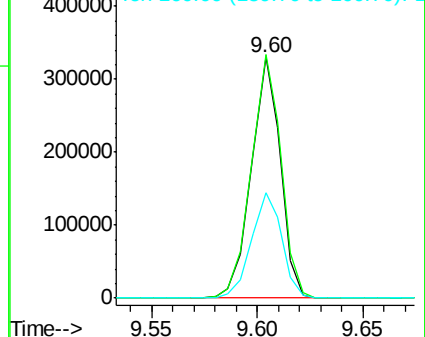
160 44.0 36.2 54.2

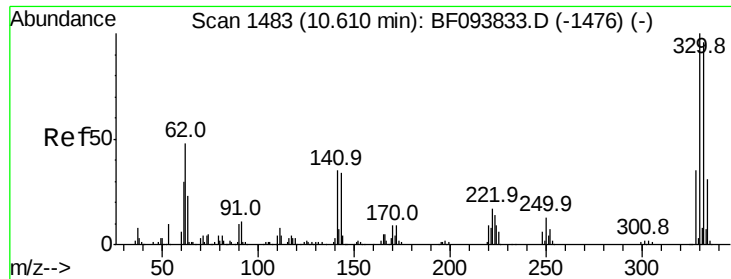


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

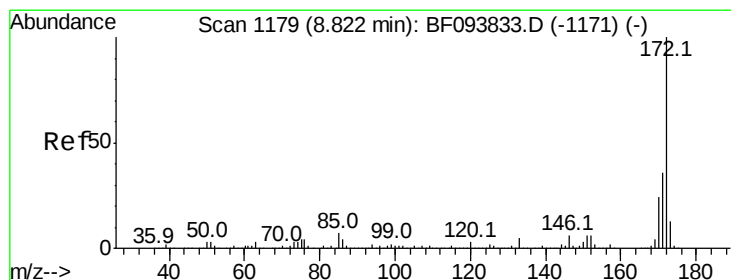
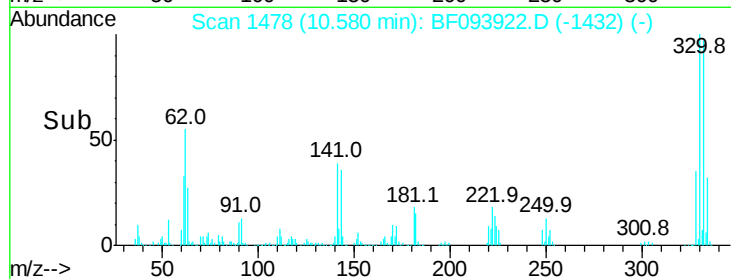
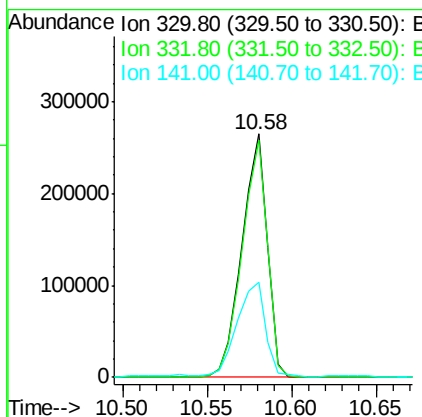
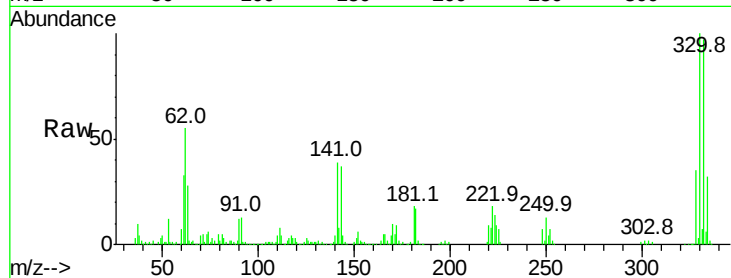




#41
 2,4,6-Tribromophenol
 Concen: 111.69 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093922.D
 Acq: 24 Mar 2017 22:30

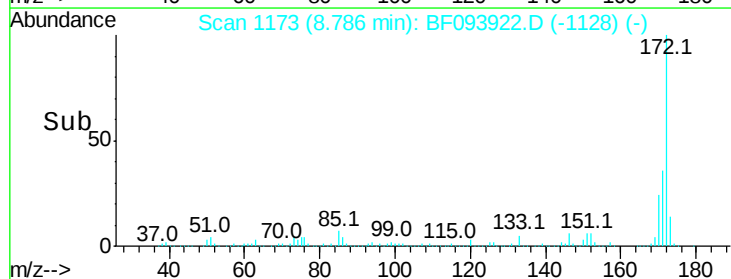
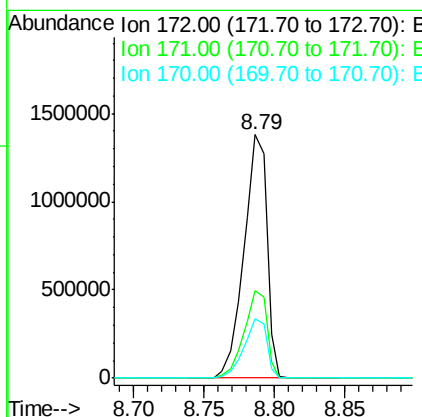
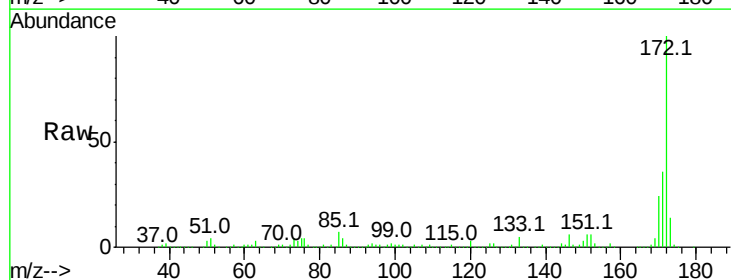
Instrument :
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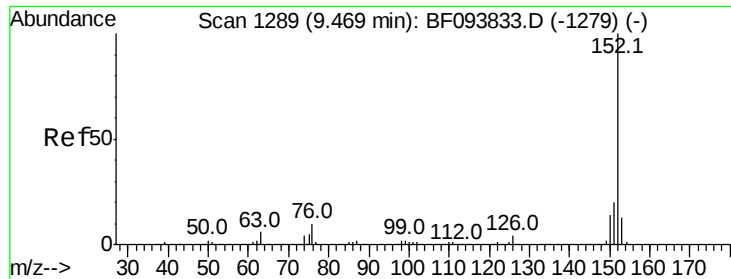
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	43.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093922.D
 Acq: 24 Mar 2017 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	19.8	29.8





#48

Acenaphthylene

Concen: 12.13 ng

RT: 9.43 min Scan# 1282

Delta R.T. -0.04 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

BNA_F

ClientSampleId :

E2-R14-SSW

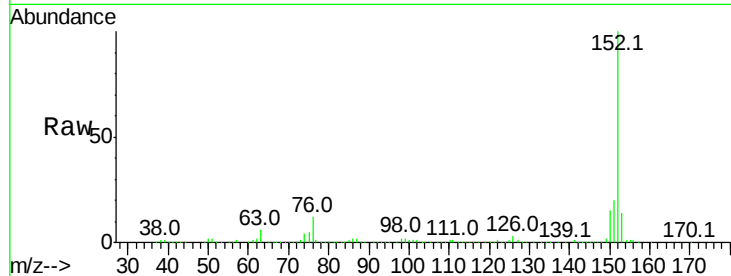
Tot Ion:152 Resp: 401821

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

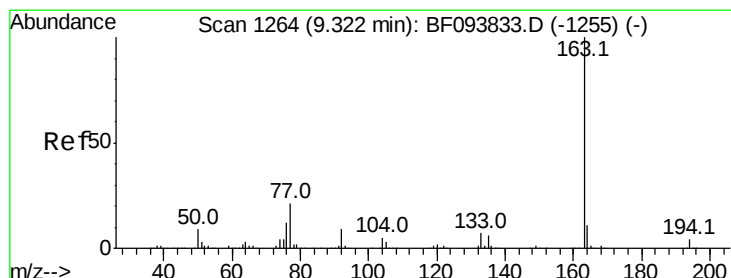
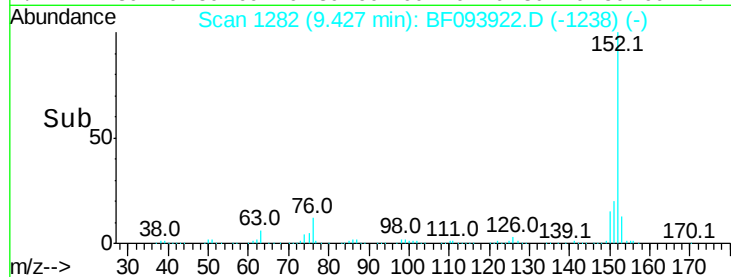
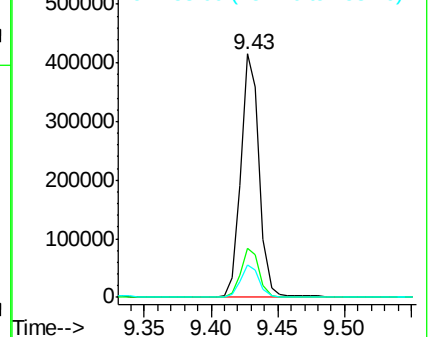
153 13.5 10.8 16.2



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: 12.61 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

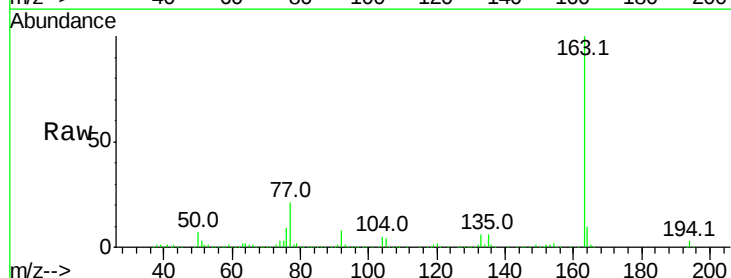
Tgt Ion:163 Resp: 282841

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

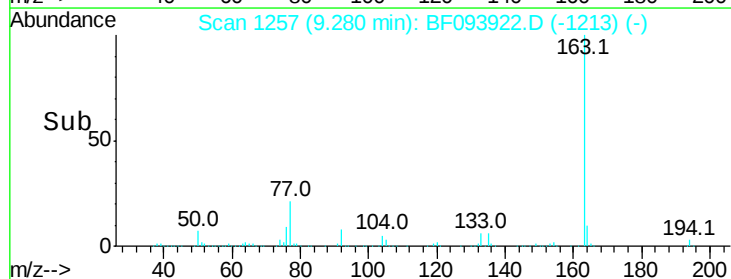
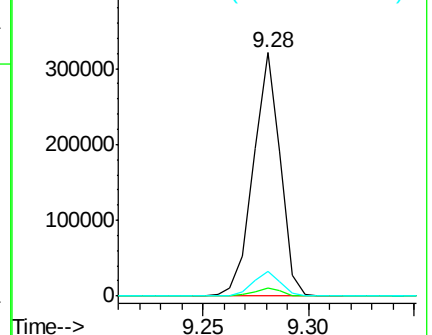
164 10.2 8.4 12.6

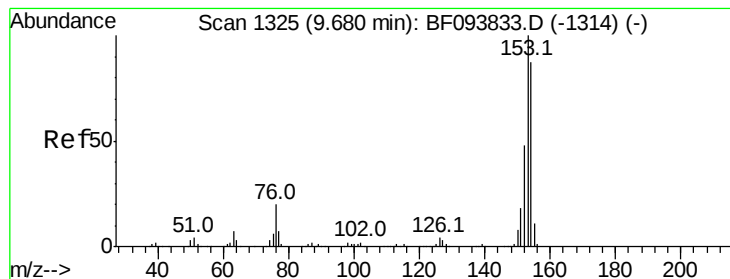


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.33 ng

RT: 9.65 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

BNA_F

ClientSampleId :

E2-R14-SSW

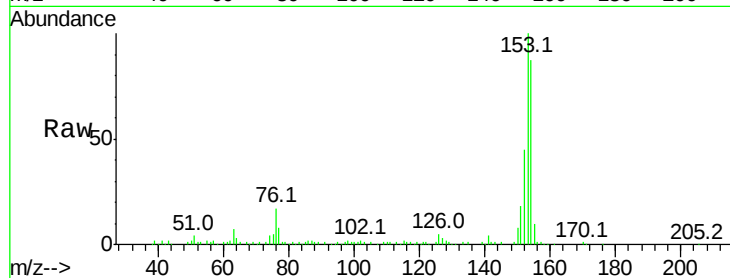
Tot Ion:154 Resp: 83724

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

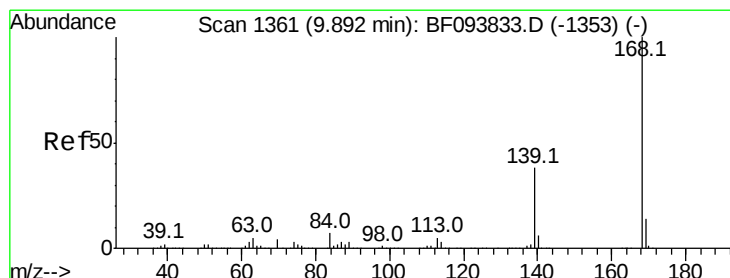
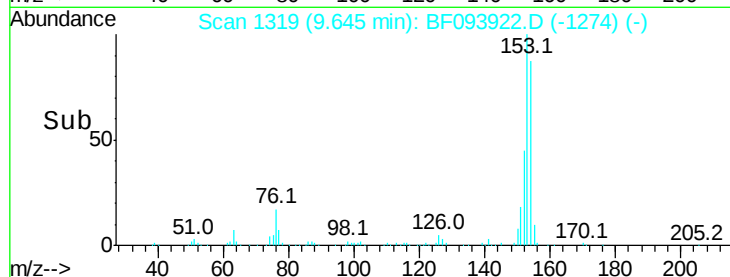
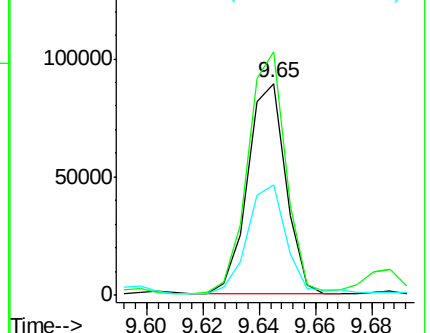
152 52.2 43.6 65.4



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: 4.37 ng

RT: 9.86 min Scan# 1355

Delta R.T. -0.04 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

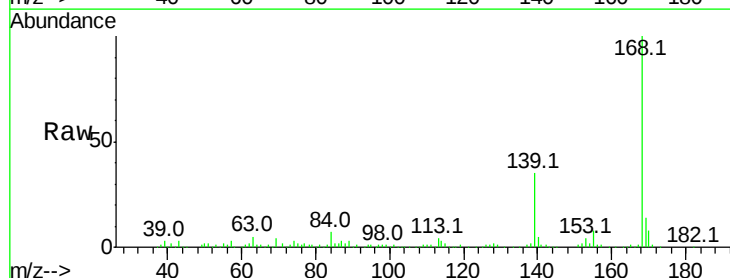
Tgt Ion:168 Resp: 114930

Ion Ratio Lower Upper

168 100

139 35.5 30.6 45.8

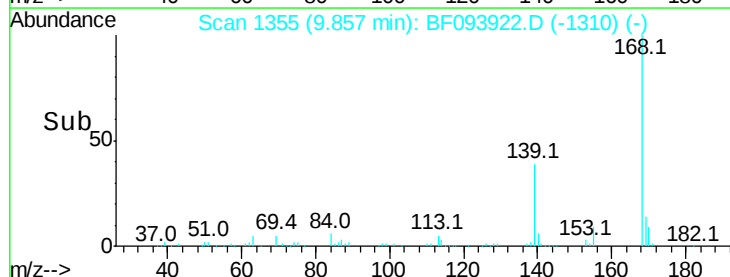
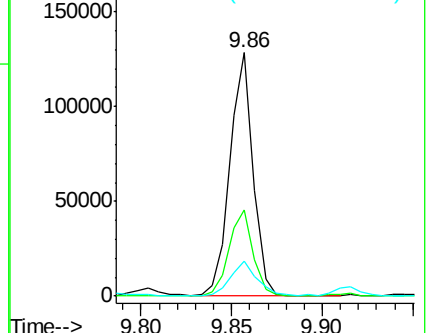
169 14.2 10.8 16.2

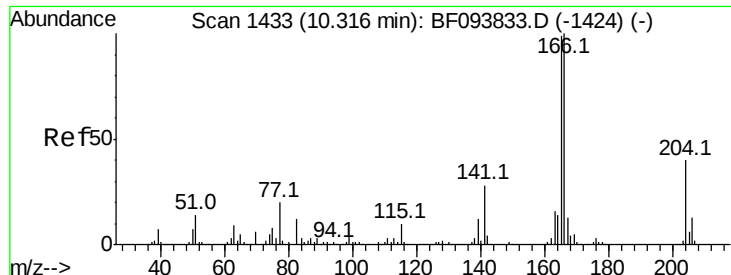


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

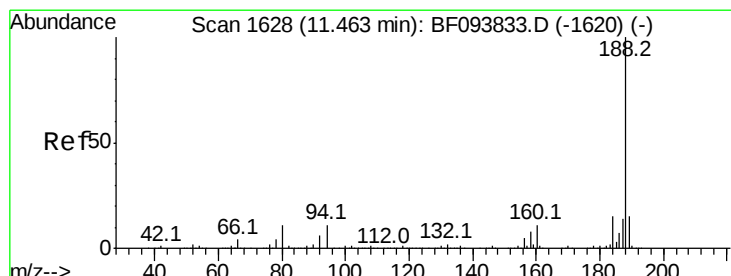
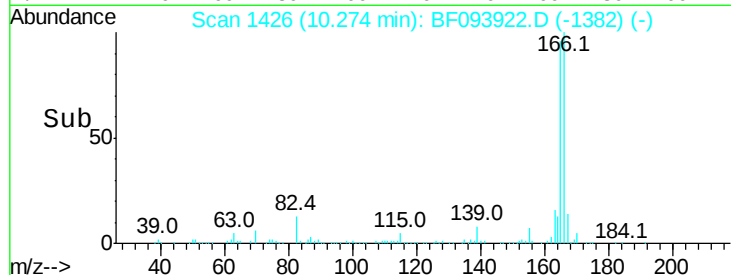
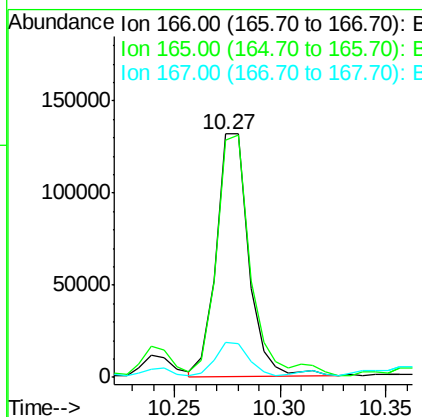
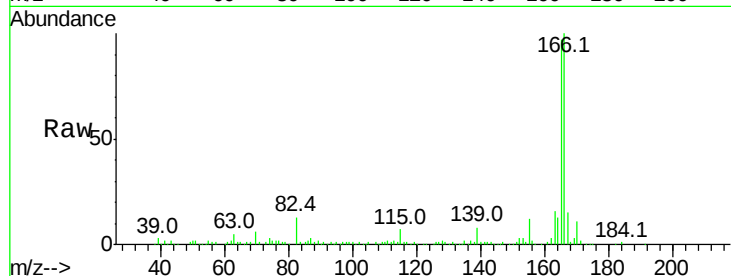




#57
Fluorene
 Concen: 6.46 ng
 RT: 10.27 min Scan# 1426
 Delta R.T. -0.04 min
 Lab File: BF093922.D
 Acq: 24 Mar 2017 22:30

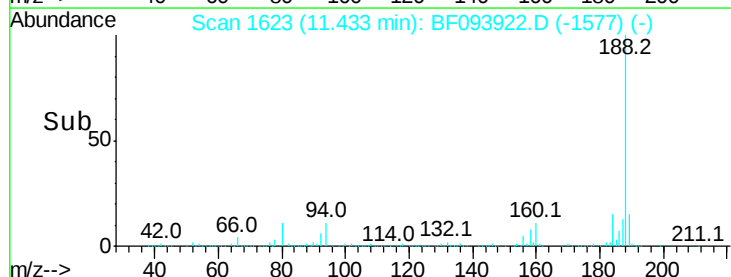
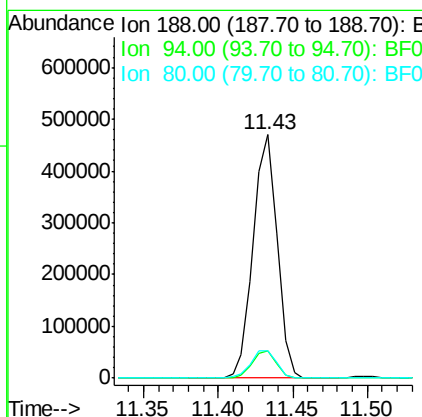
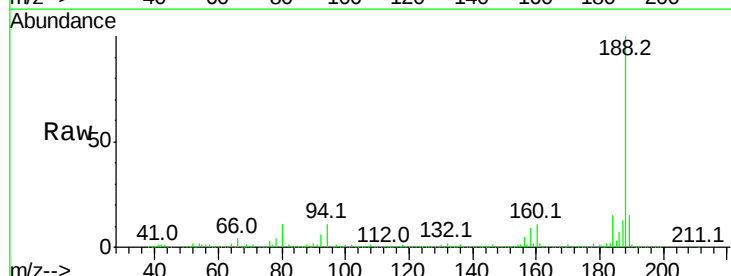
Instrument :
 BNA_F
 ClientSampleId :
 E2-R14-SSW

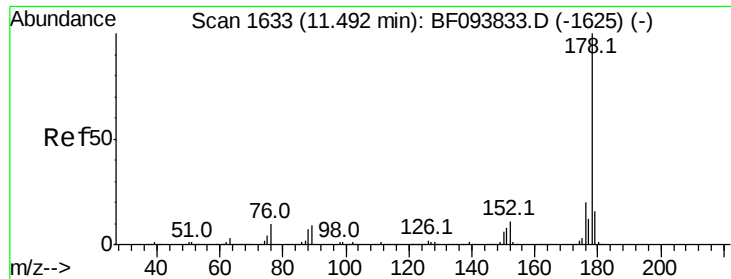
Tot Ion:166 Resp: 140960
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.8 118.2
 167 14.6 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.03 min
 Lab File: BF093922.D
 Acq: 24 Mar 2017 22:30

Tgt Ion:188 Resp: 521536
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.2 10.2 15.2

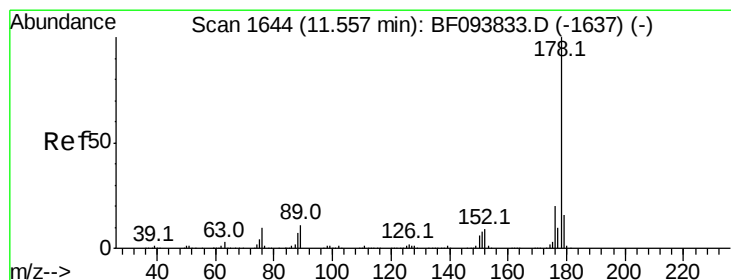
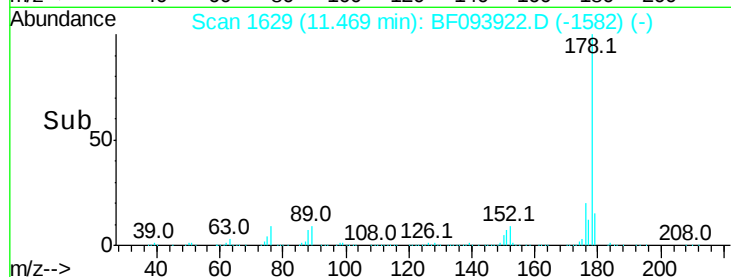
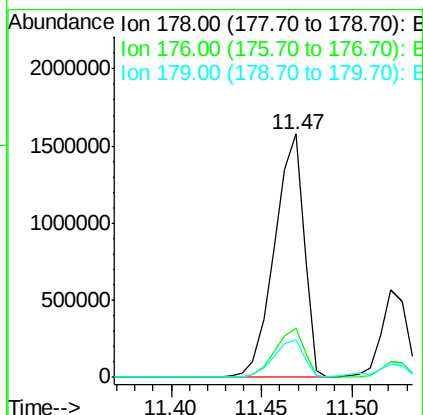
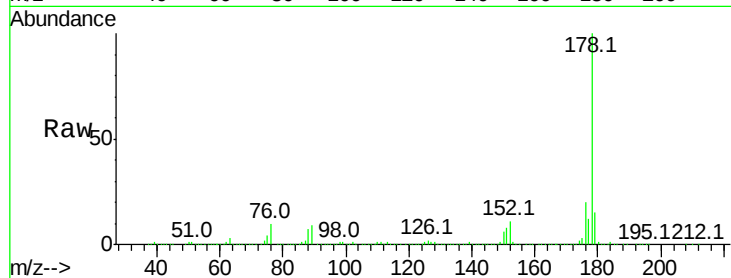




#70
Phenanthrene
Concen: 61.74 ng
RT: 11.47 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

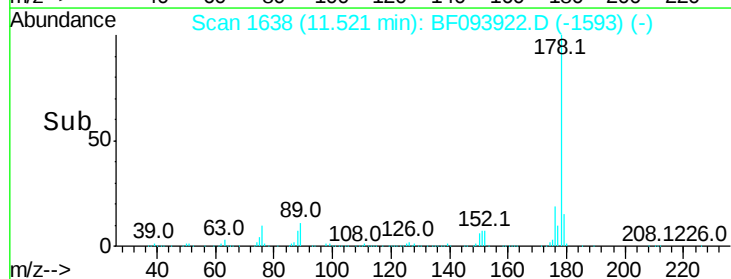
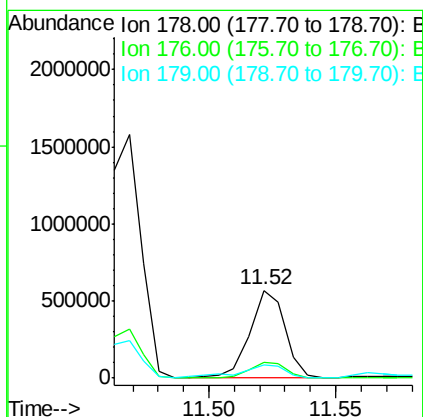
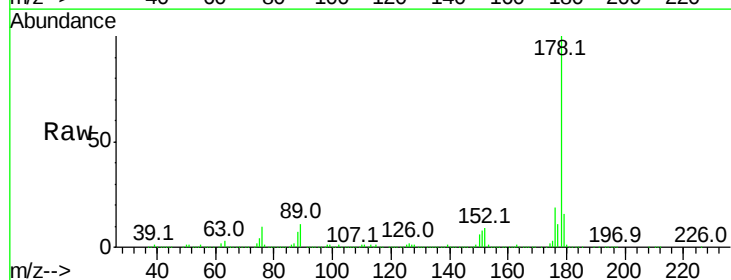
Instrument :
BNA_F
ClientSampleId :
E2-R14-SSW

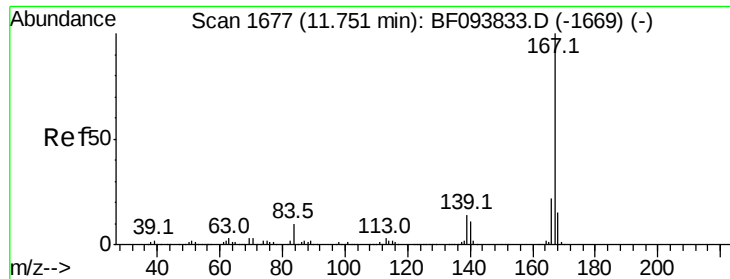
Tot Ion:178 Resp: 1791335
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.5 12.6 19.0



#71
Anthracene
Concen: 18.22 ng
RT: 11.52 min Scan# 1638
Delta R.T. -0.04 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Tgt Ion:178 Resp: 544207
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 15.6 12.7 19.1





#72

Carbazole

Concen: 7.39 ng

RT: 11.72 min Scan# 1672

Delta R.T. -0.03 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

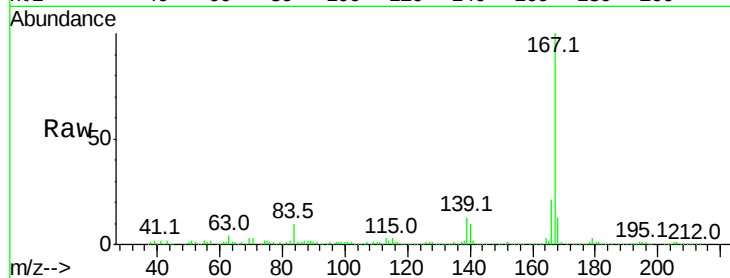
BNA_F

ClientSampleId :

E2-R14-SSW

Tot Ion:167 Resp: 226337

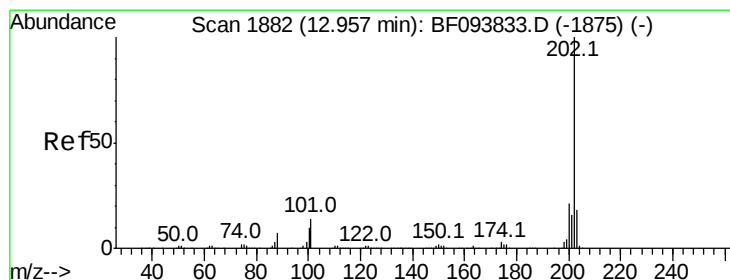
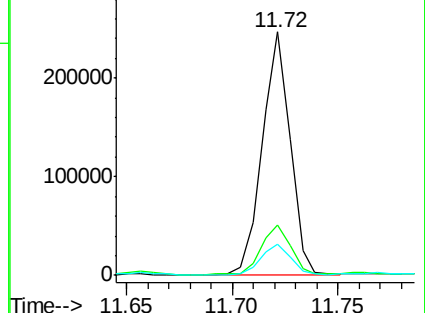
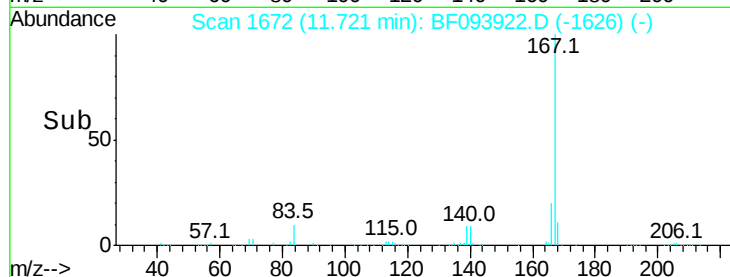
Ion	Ratio	Lower	Upper
167	100		
166	20.8	18.1	27.1
139	12.9	11.7	17.5



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: 85.25 ng

RT: 12.94 min Scan# 1879

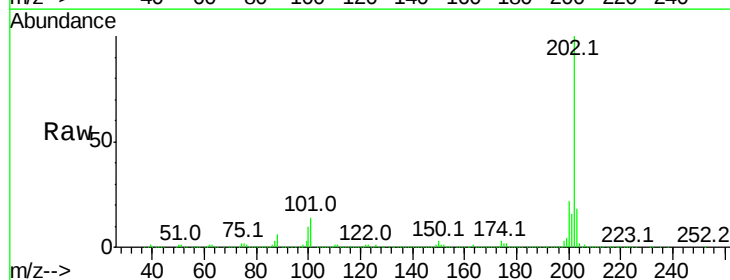
Delta R.T. -0.02 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Tgt Ion:202 Resp: 2532486

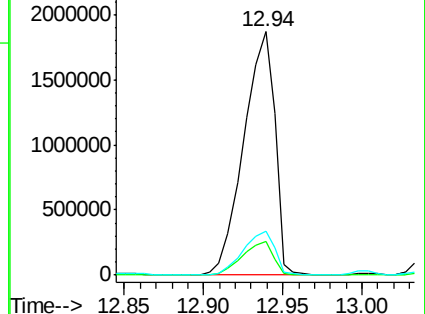
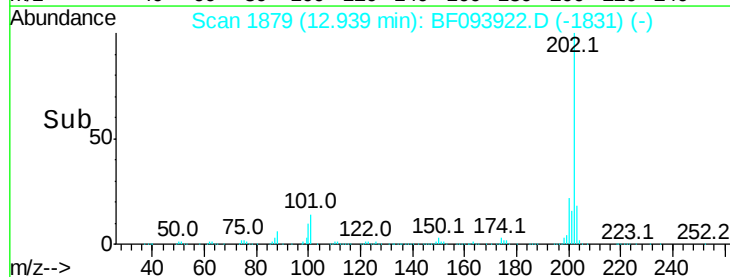
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.2	0.0	38.1

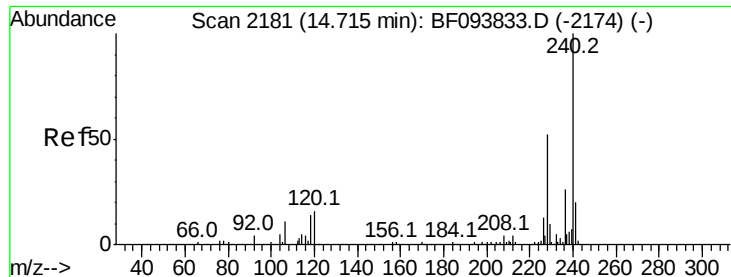


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.69 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

BNA_F

ClientSampleId :

E2-R14-SSW

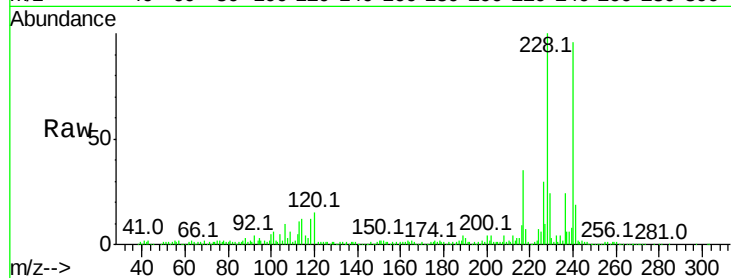
Tot Ion:240 Resp: 300089

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

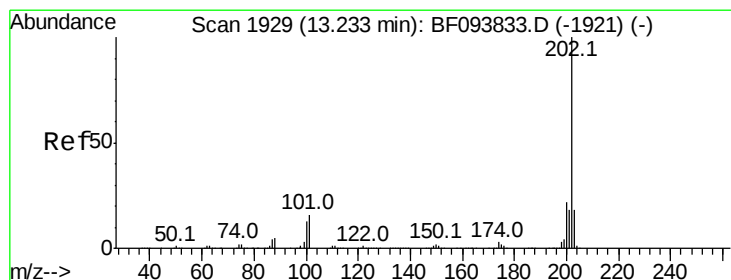
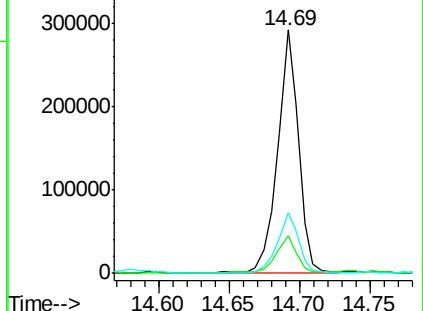
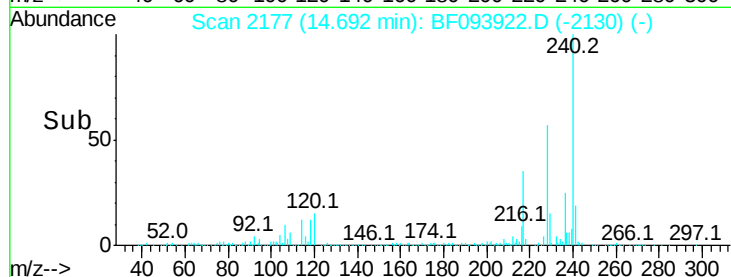
236 25.0 20.5 30.7



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: 102.99 ng

RT: 13.22 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

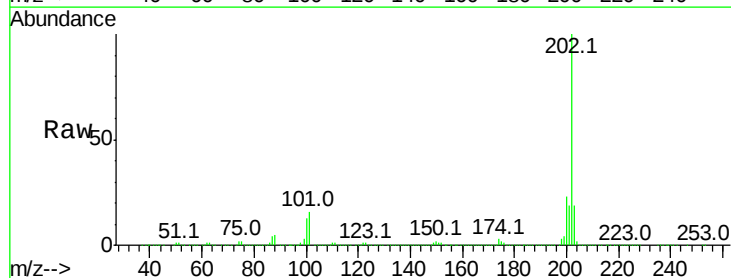
Tgt Ion:202 Resp: 2242865

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

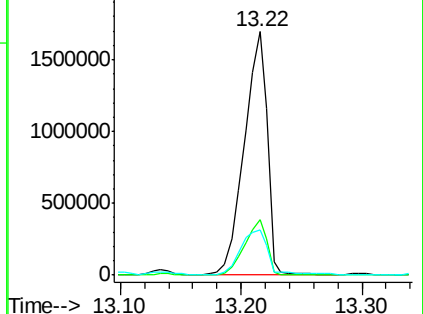
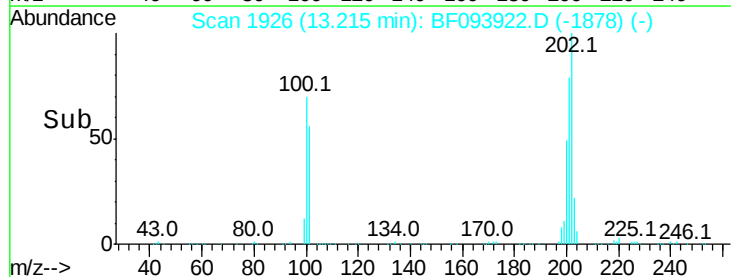
203 18.6 14.4 21.6

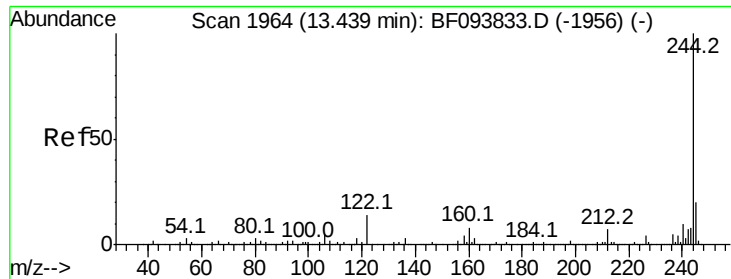


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.52 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

BNA_F

ClientSampled :

E2-R14-SSW

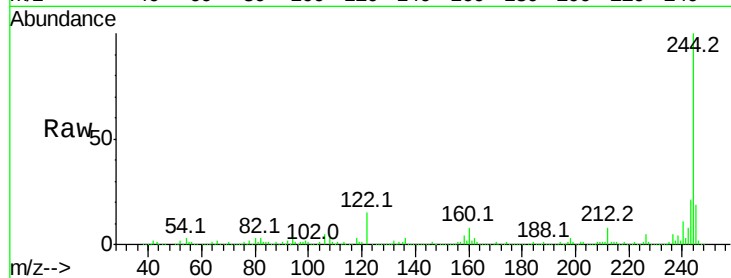
Tot Ion:244 Resp: 930754

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

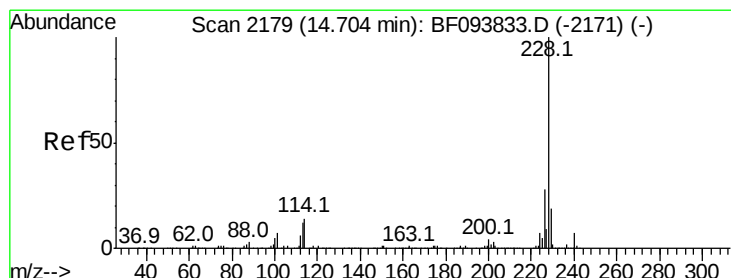
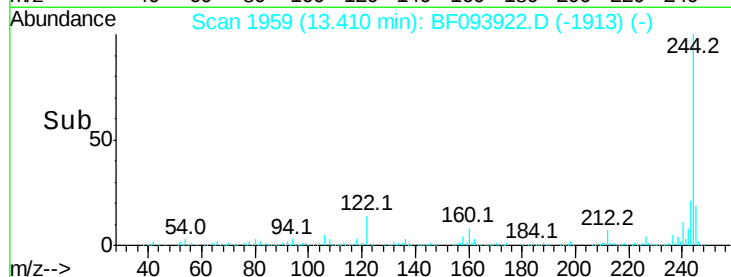
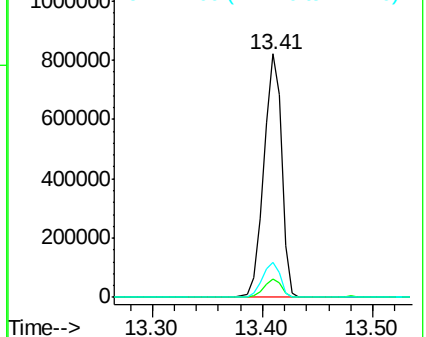
122 14.6 10.3 15.5



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: 69.56 ng

RT: 14.68 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

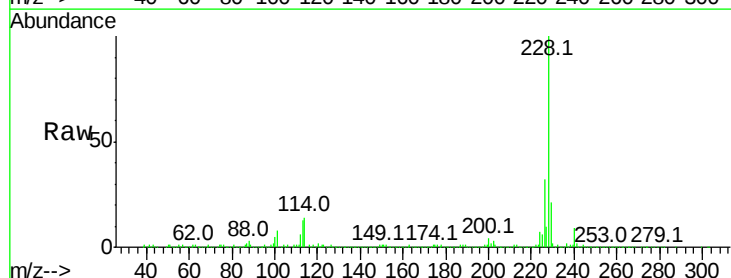
Tgt Ion:228 Resp: 1217201

Ion Ratio Lower Upper

228 100

226 32.5 22.6 33.8

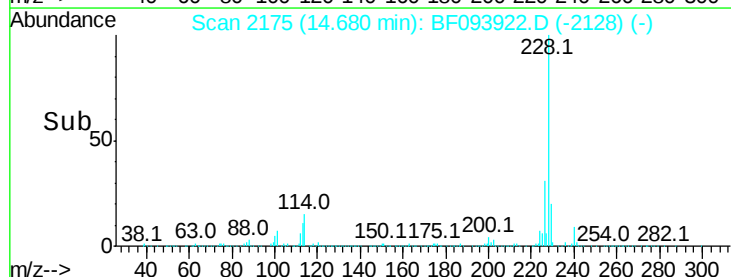
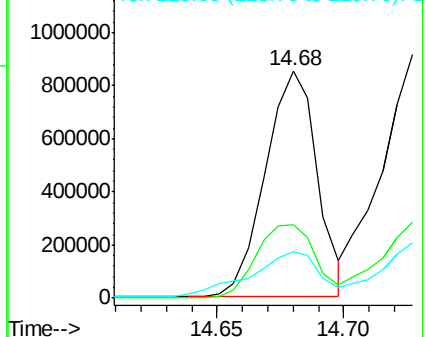
229 20.7 16.3 24.5

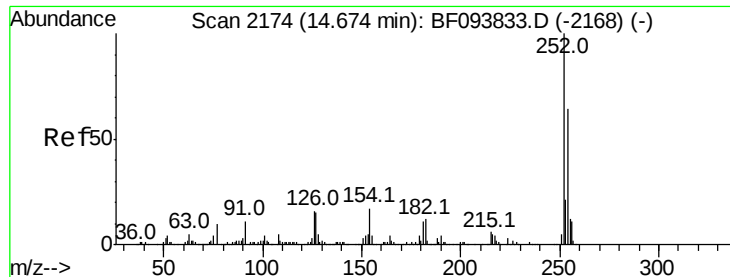


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

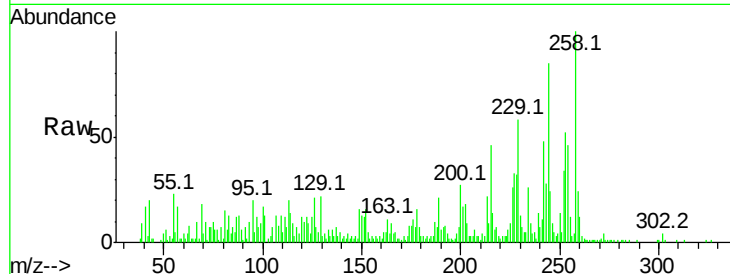




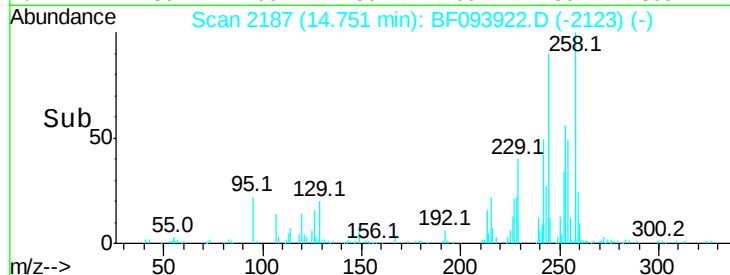
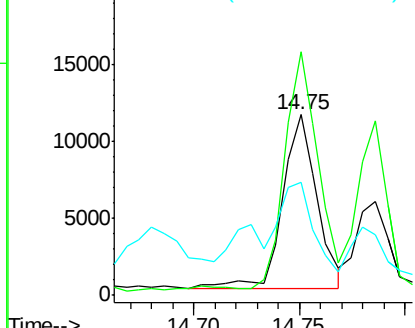
#81
 3,3'-Dichlorobenzidine
 Concen: 2.08 ng
 RT: 14.75 min Scan# 2187
 Delta R.T. 0.08 min
 Lab File: BF093922.D
 Acq: 24 Mar 2017 22:30

Instrument :
 BNA_F
 ClientSampleId :
 E2-R14-SSW

Tot Ion:252 Resp: 13007
 Ion Ratio Lower Upper
 252 100
 254 134.9 51.5 77.3#
 126 62.3 15.8 23.8#

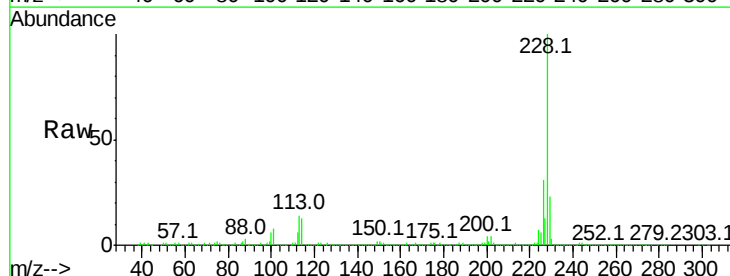
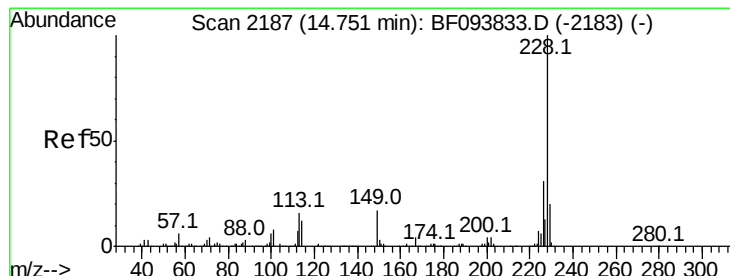


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

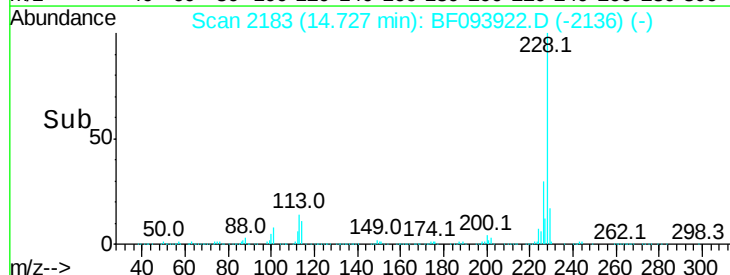
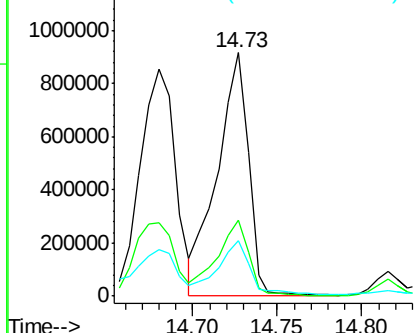


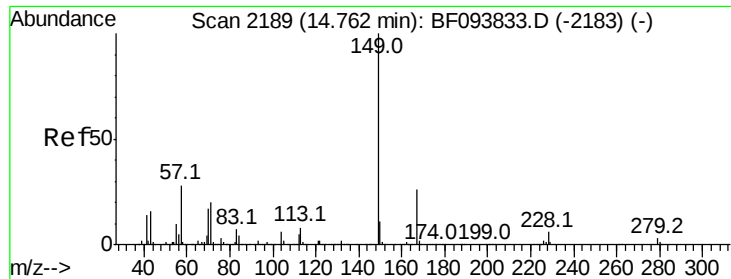
#82
 Chrysene
 Concen: 72.13 ng
 RT: 14.73 min Scan# 2183
 Delta R.T. -0.02 min
 Lab File: BF093922.D
 Acq: 24 Mar 2017 22:30

Tgt Ion:228 Resp: 1171287
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 22.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.72 ng

RT: 14.73 min Scan# 2184

Delta R.T. -0.03 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

BNA_F

ClientSampleId :

E2-R14-SSW

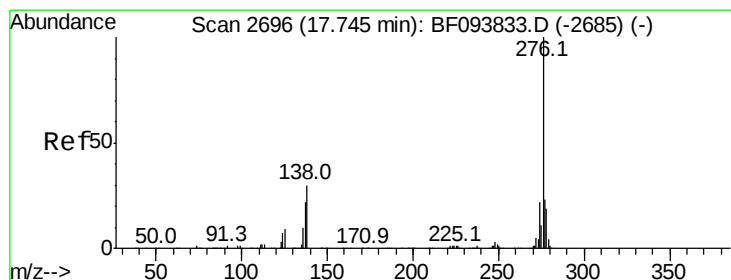
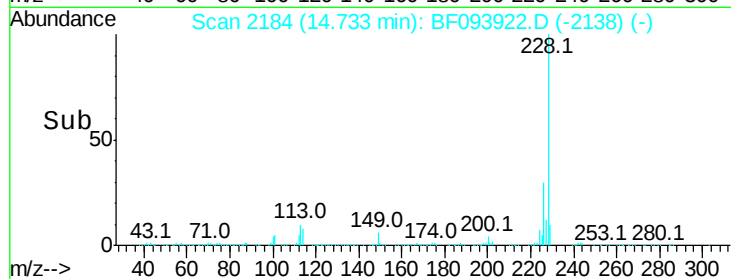
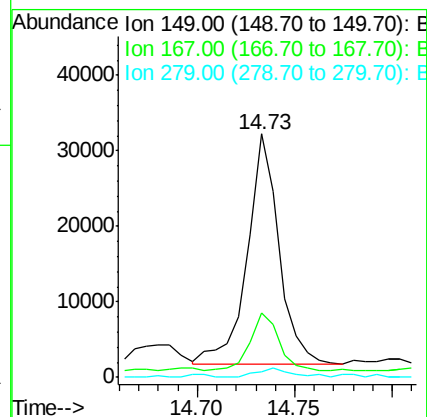
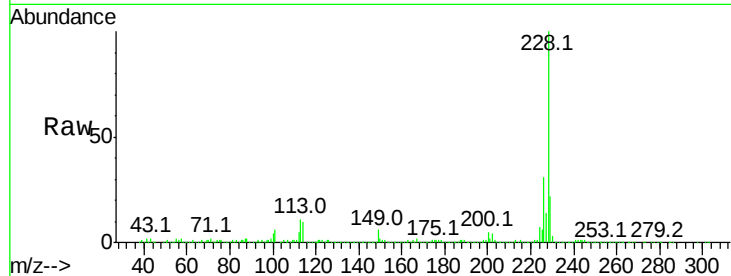
Tot Ion:149 Resp: 34415

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 2.4 1.9 2.9



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.94 ng

RT: 17.72 min Scan# 2692

Delta R.T. -0.02 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

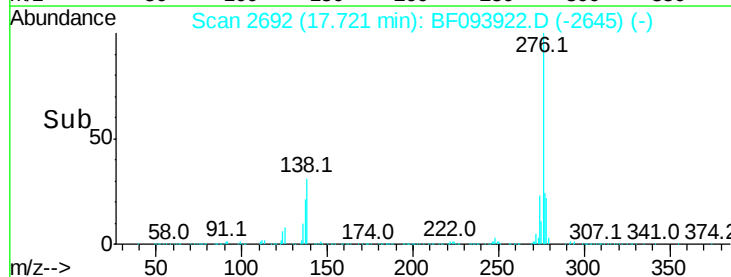
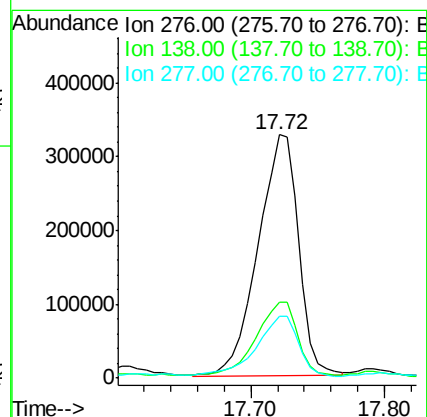
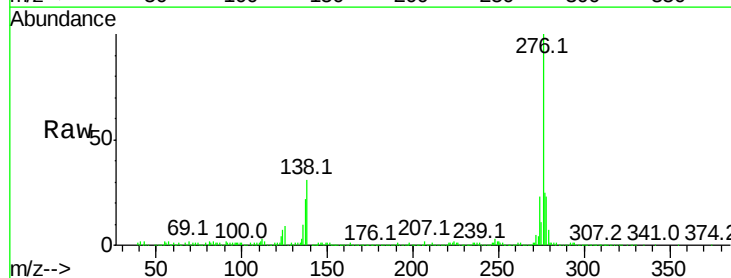
Tgt Ion:276 Resp: 688317

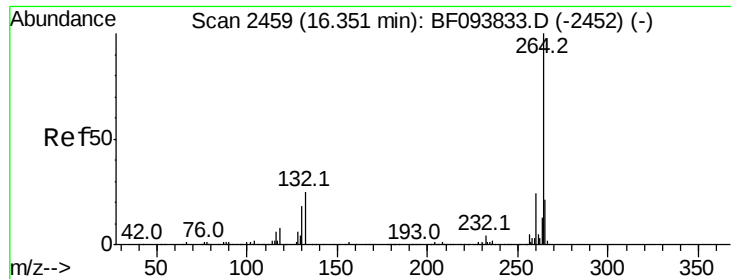
Ion Ratio Lower Upper

276 100

138 30.8 27.8 41.6

277 25.7 20.2 30.4



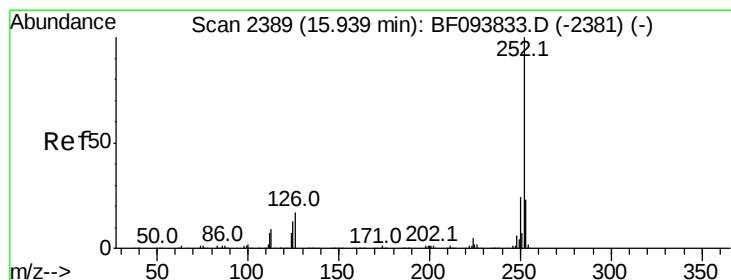
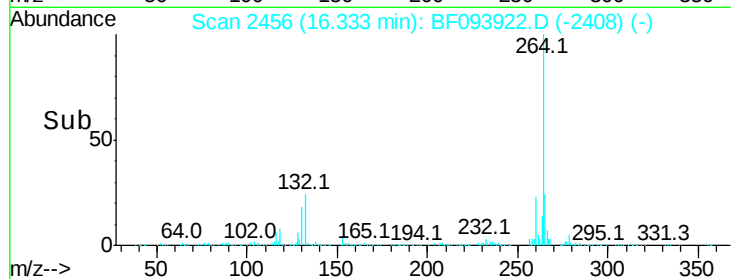
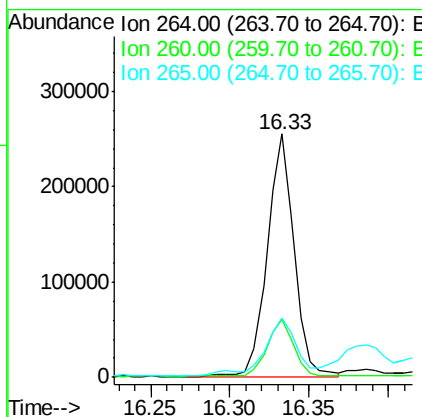
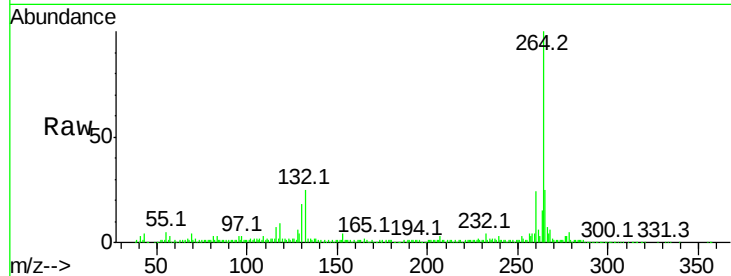


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Instrument :
BNA_F
ClientSampleId :
E2-R14-SSW

Tot Ion:264 Resp: 301814

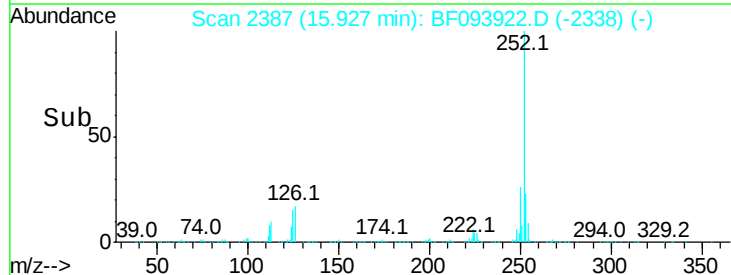
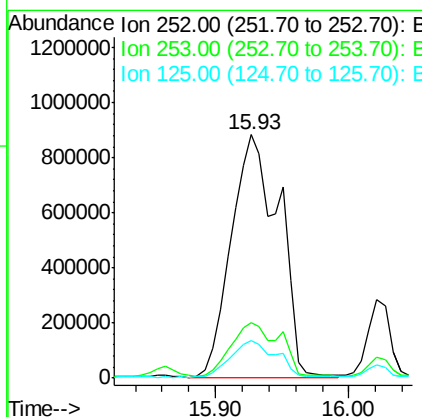
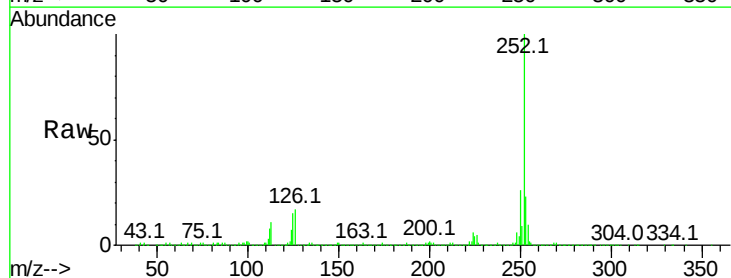
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	24.5	17.2	25.8

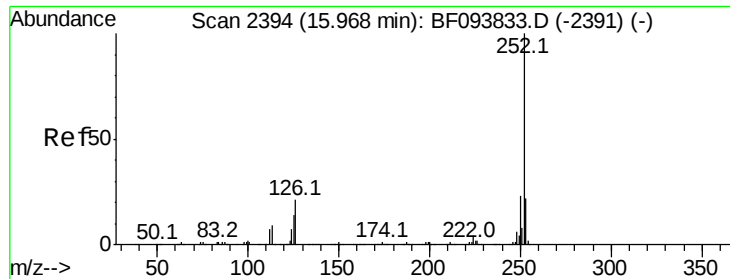


#87
Benzo(b)fluoranthene
Concen: 118.47 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Tgt Ion:252 Resp: 2191771

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.2	9.8	14.8

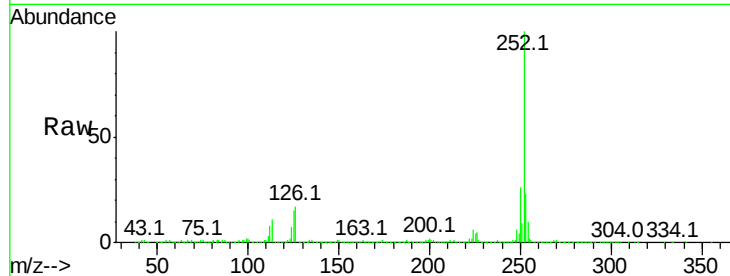




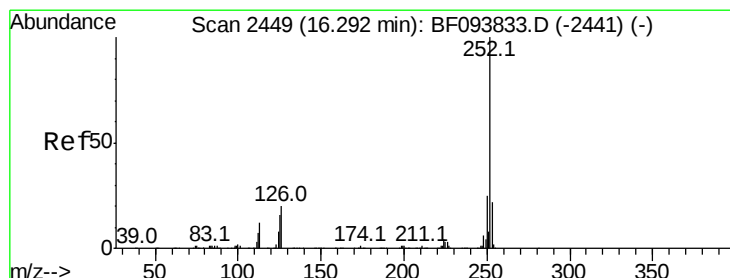
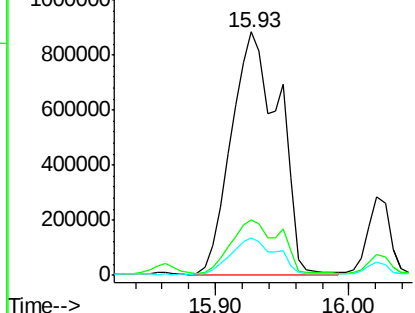
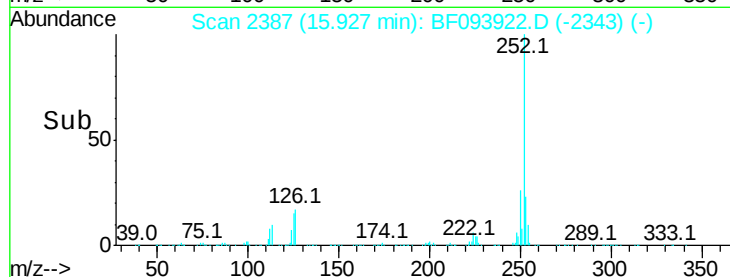
#88
Benzo(k)fluoranthene
Concen: 121.08 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.04 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Instrument :
BNA_F
ClientSampleId :
E2-R14-SSW

Tot Ion:252 Resp: 2191771
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 15.2 13.1 19.7

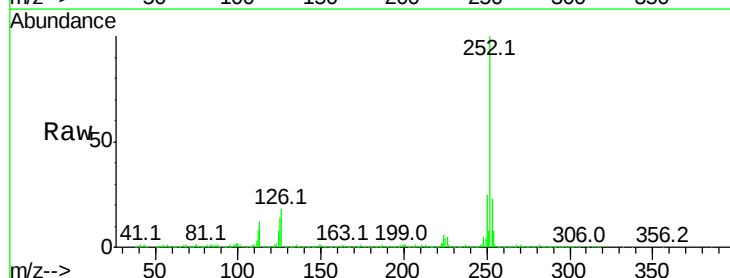


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

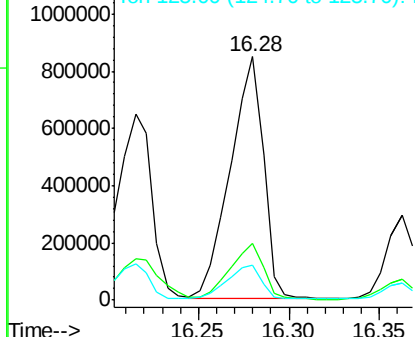
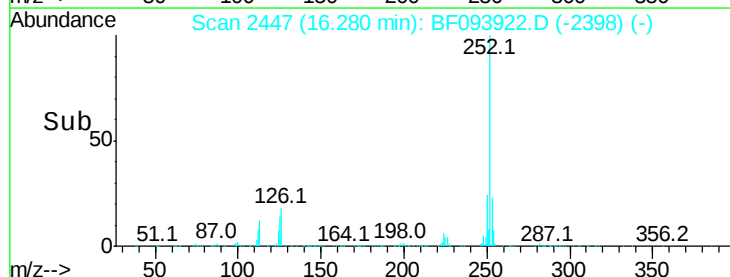


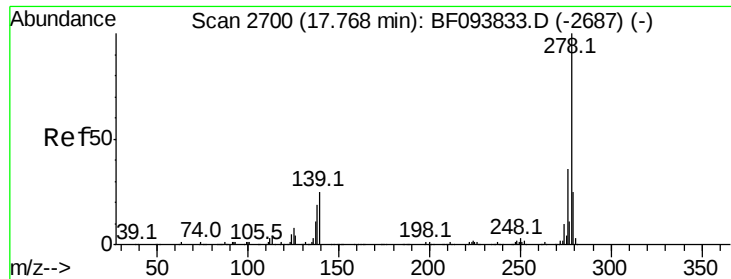
#89
Benzo(a)pyrene
Concen: 63.31 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BF093922.D
Acq: 24 Mar 2017 22:30

Tgt Ion:252 Resp: 1078515
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 14.2 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 13.17 ng

RT: 17.73 min Scan# 2694

Delta R.T. -0.04 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Instrument :

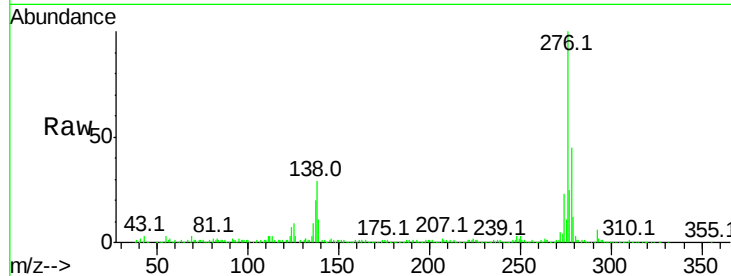
BNA_F

ClientSampleId :

E2-R14-SSW

Tot Ion:278 Resp: 190045

Ion	Ratio	Lower	Upper
278	100		
139	23.9	16.6	24.8
279	26.7	19.3	28.9

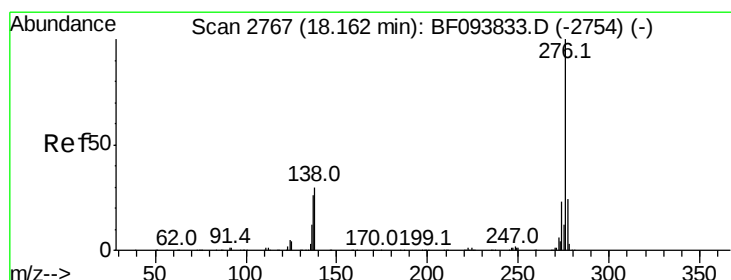
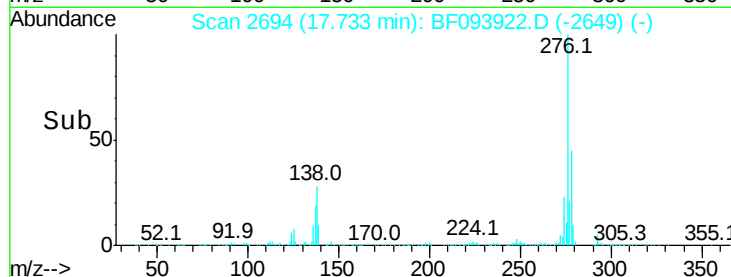
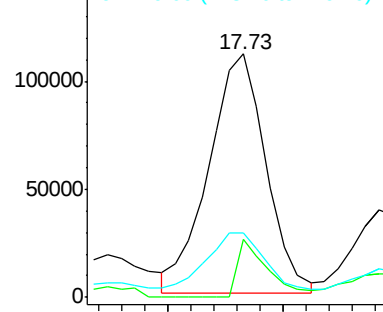


Abundance

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: 45.02 ng

RT: 18.13 min Scan# 2762

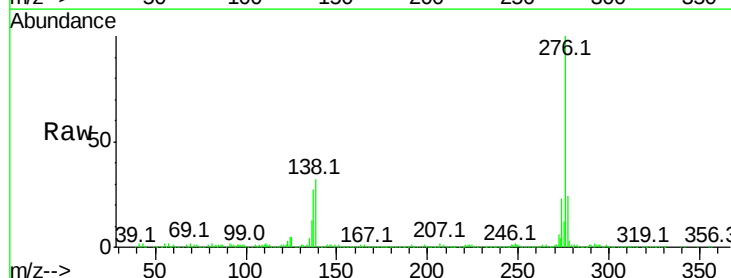
Delta R.T. -0.03 min

Lab File: BF093922.D

Acq: 24 Mar 2017 22:30

Tgt Ion:276 Resp: 654560

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	32.1	25.4	38.0



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

