

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093942.D
 Acq On : 27 Mar 2017 14:16
 Operator : SJ/MA
 Sample : I2364-01DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-10DL

Quant Time: Mar 27 16:34:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

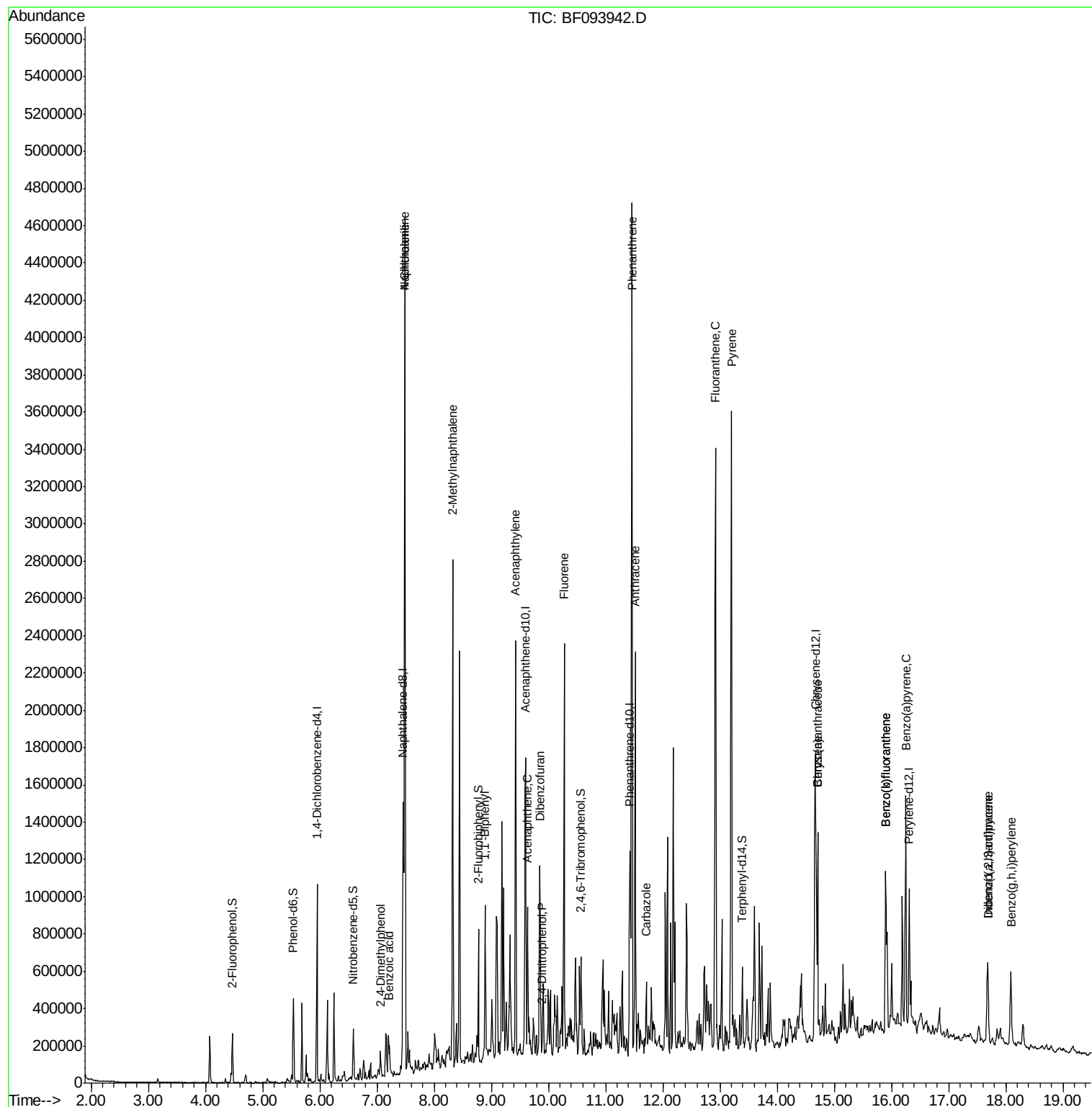
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.95	152	183619	20.00	ng	0.00
21) Naphthalene-d8	7.46	136	748055	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	331876	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	526794	20.00	ng	0.00
75) Chrysene-d12	14.67	240	322605	20.00	ng	0.00
86) Perylene-d12	16.31	264	304530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	64580	5.94	ng	0.00
7) Phenol-d6	5.53	99	157058	11.68	ng	-0.02
23) Nitrobenzene-d5	6.59	82	88905	6.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	7616	2.90	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	218326	10.03	ng	0.00
78) Terphenyl-d14	13.39	244	132284	9.19	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.06	122	30415	2.86	ng	96
31) Naphthalene	7.49	128	2540568	70.63	ng	99
32) Benzoic acid	7.22	122	23881	3.38	ng	# 14
33) 4-Chloroaniline	7.49	127	348889	23.93	ng	# 34
37) 2-Methylnaphthalene	8.33	142	838502	34.97	ng	98
45) 1,1'-Biphenyl	8.89	154	250829	9.37	ng	98
48) Acenaphthylene	9.42	152	960608	27.58	ng	99
51) Acenaphthene	9.63	154	168016	8.27	ng	99
53) 2,4-Dinitrophenol	9.88	184	124	4.70	ng	# 1
54) Dibenzofuran	9.85	168	384232	13.89	ng	98
57) Fluorene	10.27	166	667910	29.12	ng	99
70) Phenanthrene	11.46	178	2399648	81.89	ng	100
71) Anthracene	11.52	178	947461	31.40	ng	99
72) Carbazole	11.71	167	168980	5.46	ng	98
74) Fluoranthene	12.92	202	1576308	52.53	ng	99
77) Pyrene	13.20	202	1812711	77.42	ng	99
80) Benzo(a)anthracene	14.71	228	506400	26.92	ng	95
82) Chrysene	14.71	228	506400	29.01	ng	97
85) Indeno(1,2,3-cd)pyrene	17.69	276	255050	16.87	ng	94
87) Benzo(b)fluoranthene	15.90	252	697092	37.34	ng	# 97
88) Benzo(k)fluoranthene	15.90	252	697092	38.17	ng	98
89) Benzo(a)pyrene	16.25	252	490095	28.51	ng	98
90) Dibenzo(a,h)anthracene	17.69	278	55276	3.80	ng	# 85
91) Benzo(g,h,i)perylene	18.09	276	278961	19.01	ng	98

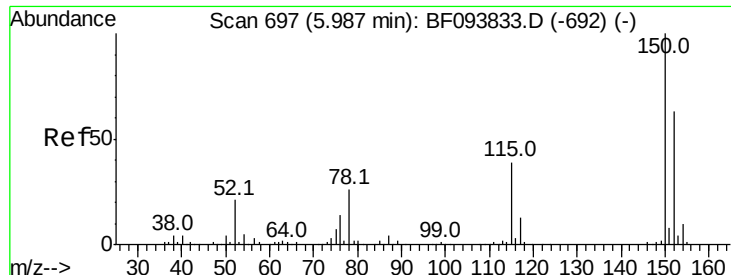
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093942.D
Acq On : 27 Mar 2017 14:16
Operator : SJ/MA
Sample : I2364-01DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-COMP-10DL

Quant Time: Mar 27 16:34:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.95 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

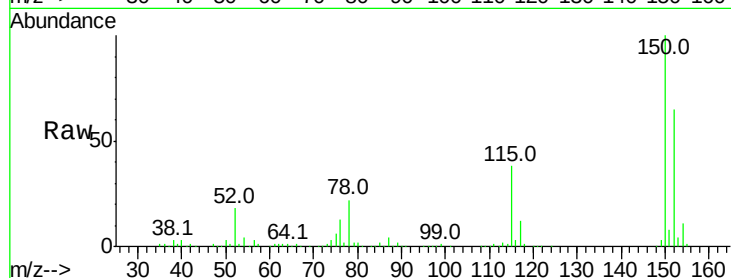
Tot Ion:152 Resp: 183619

Ion Ratio Lower Upper

152 100

150 153.2 126.2 189.2

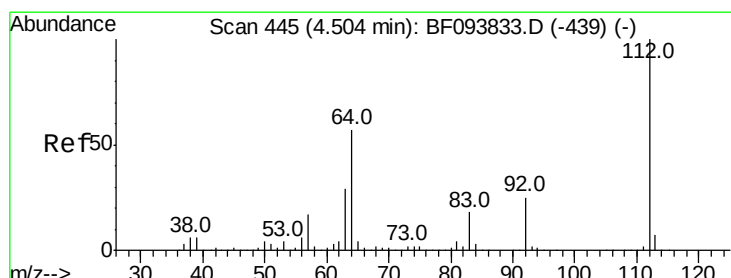
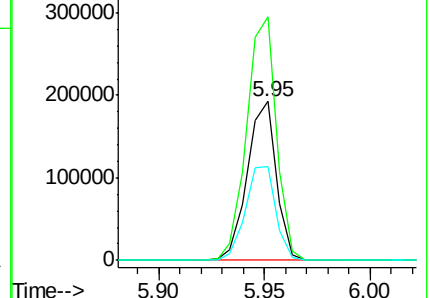
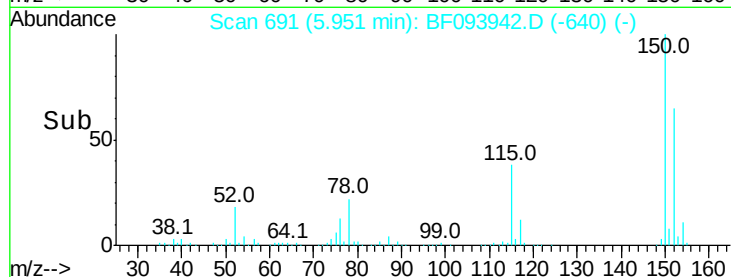
115 58.9 52.2 78.2



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: 5.94 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

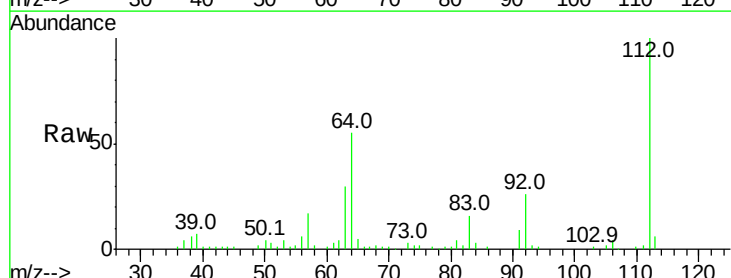
Tgt Ion:112 Resp: 64580

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

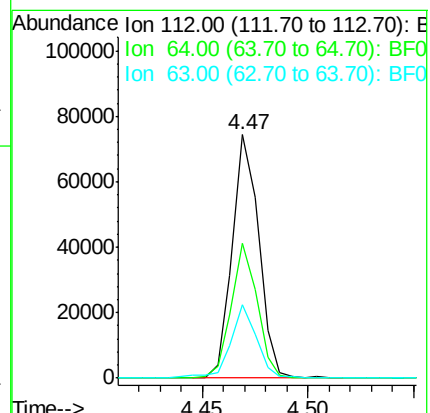
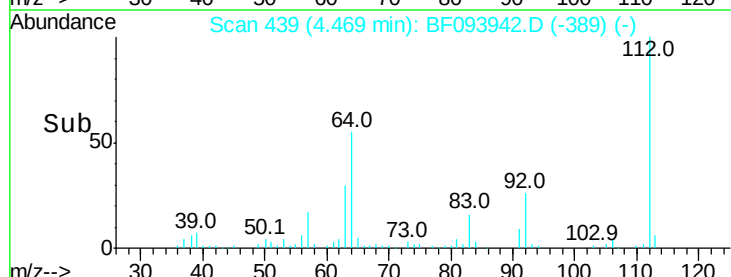
63 30.2 23.4 35.0

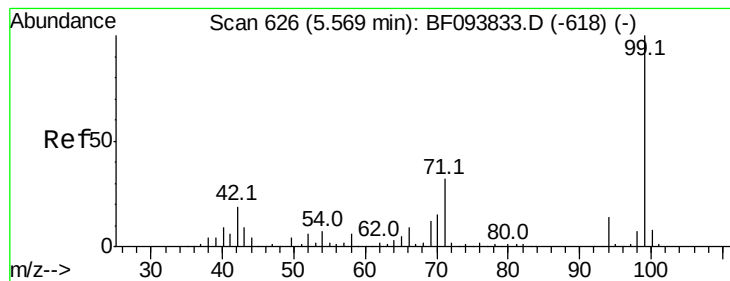


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.68 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

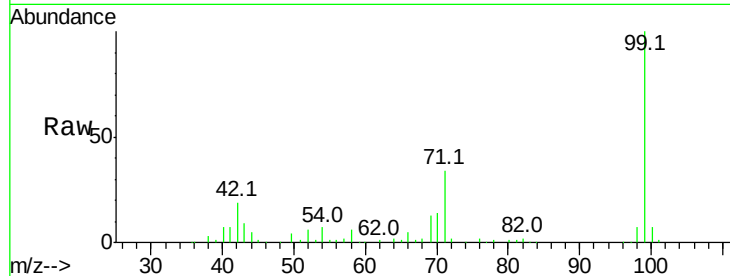
Tot Ion: 99 Resp: 157058

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

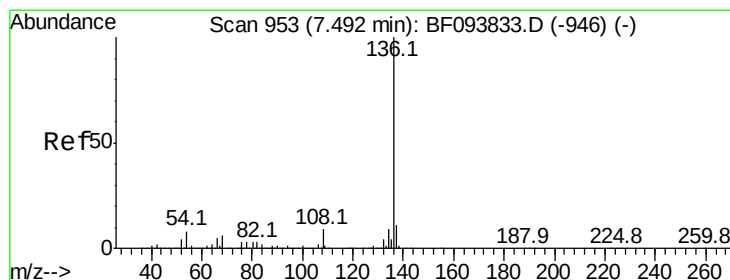
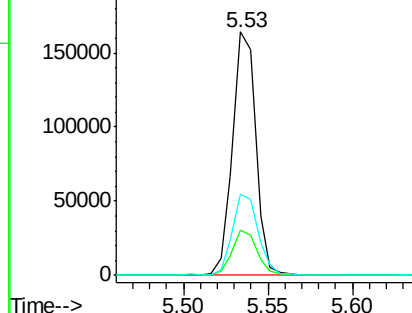
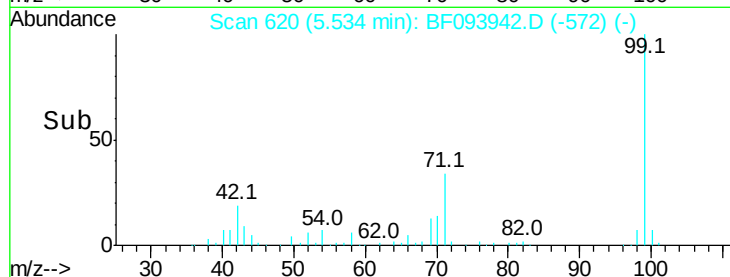
71 33.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.46 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Tgt Ion: 136 Resp: 748055

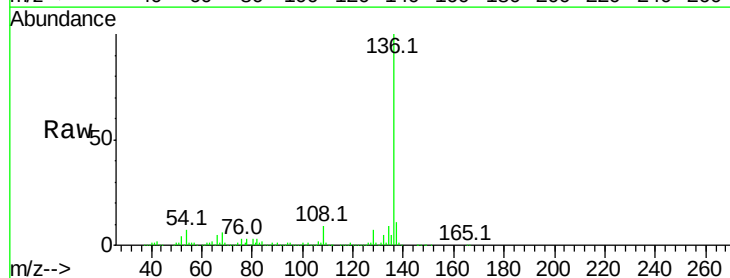
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 6.4 4.1 6.1#

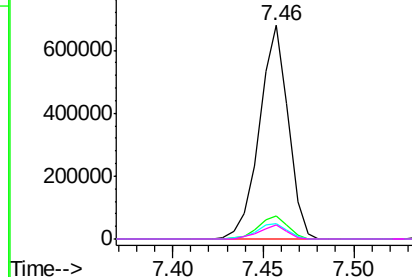
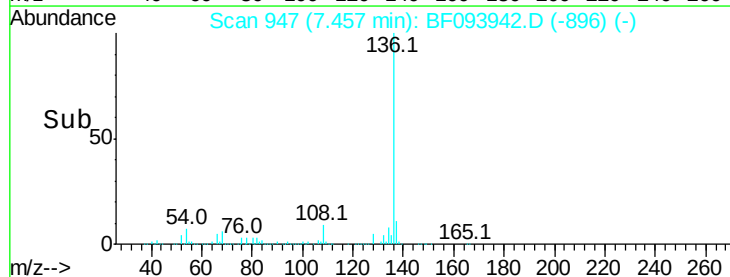


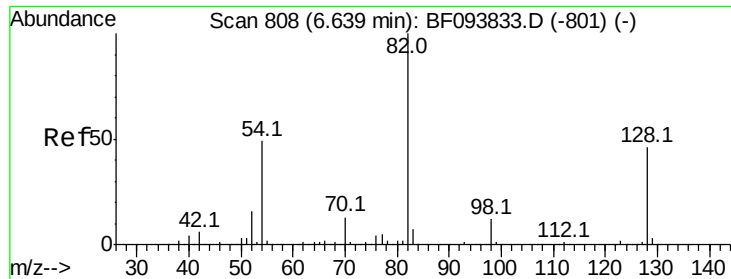
Abundance Ion 136.00 (135.70 to 136.70): E

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

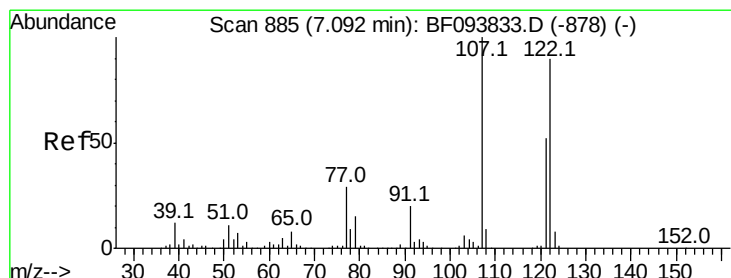
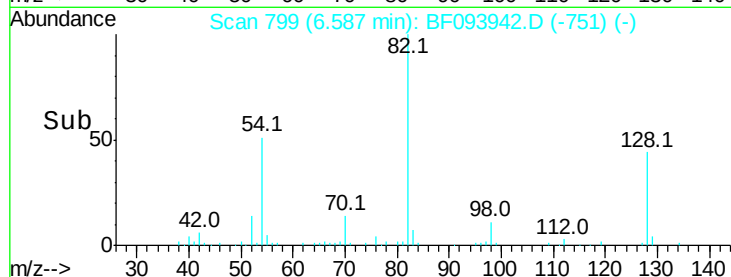
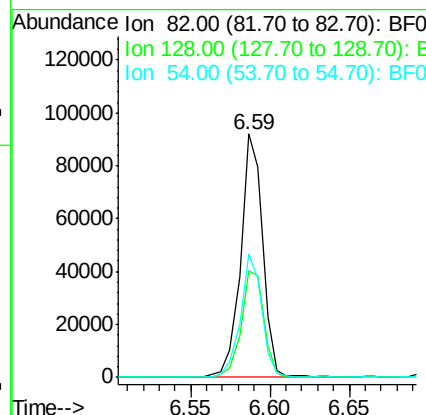
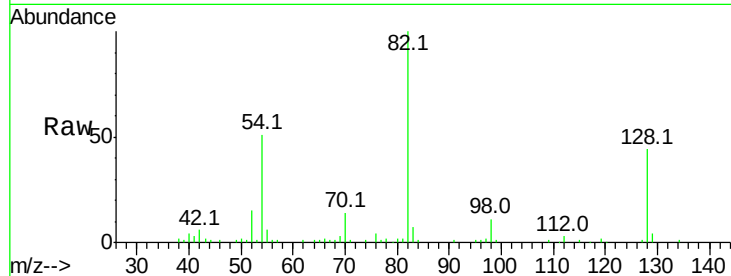




#23
Nitrobenzene-d5
Concen: 6.78 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

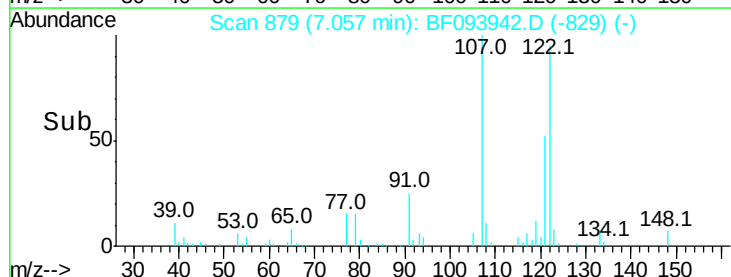
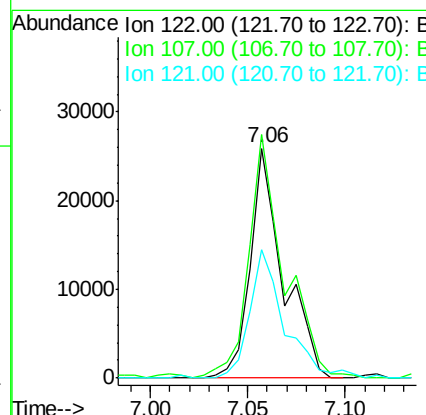
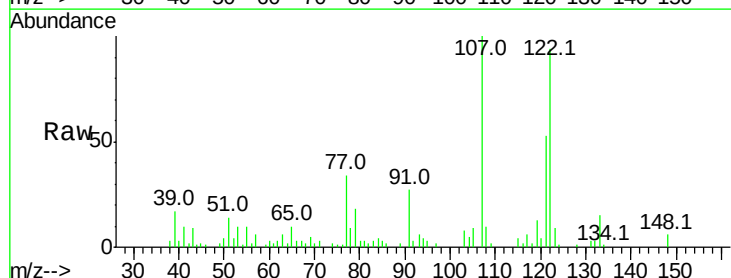
Instrument :
BNA_F
ClientSampleId :
WC-COMP-10DL

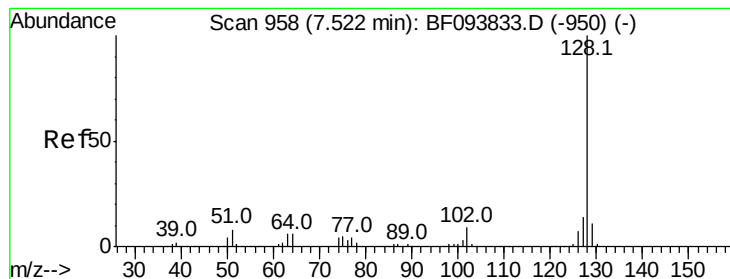
Tot Ion	82	Resp	88905
Ion Ratio	100	Lower	Upper
128	43.6	34.0	51.0
54	50.6	42.2	63.2



#27
2,4-Dimethylphenol
Concen: 2.86 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

Tgt Ion	122	Resp	30415
Ion Ratio	100	Lower	Upper
107	106.0	89.2	133.8
121	55.8	45.2	67.8





#31

Naphthalene

Concen: 70.63 ng

RT: 7.49 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

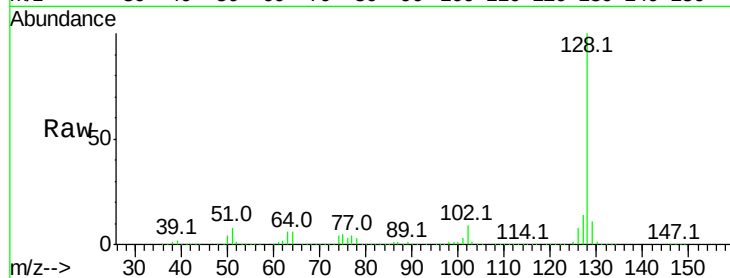
Tot Ion:128 Resp: 2540568

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

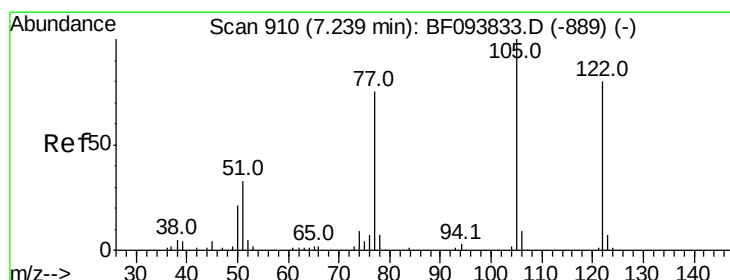
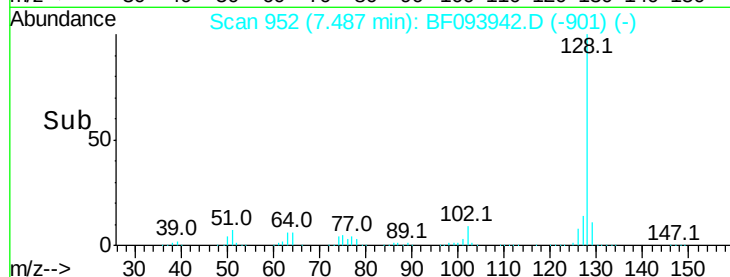
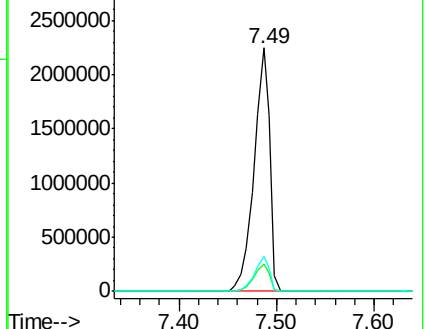
127 14.1 10.8 16.2



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



#32

Benzoic acid

Concen: 3.38 ng

RT: 7.22 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

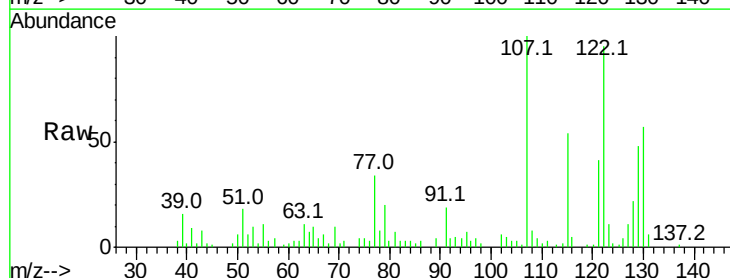
Tgt Ion:122 Resp: 23881

Ion Ratio Lower Upper

122 100

105 3.0 103.3 143.3#

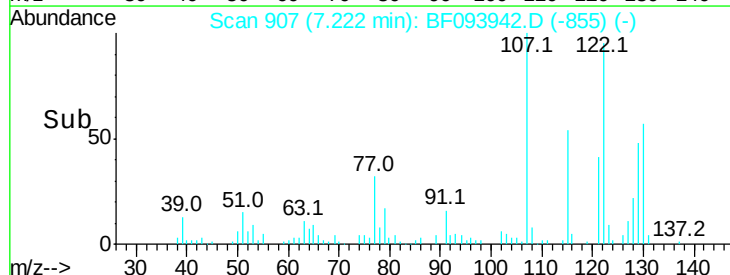
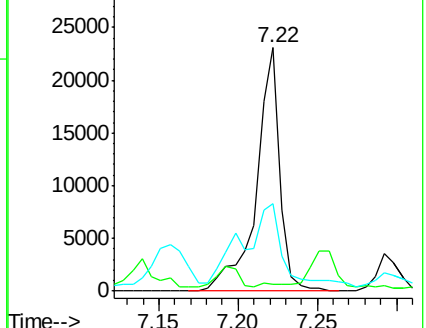
77 36.1 73.7 113.7#

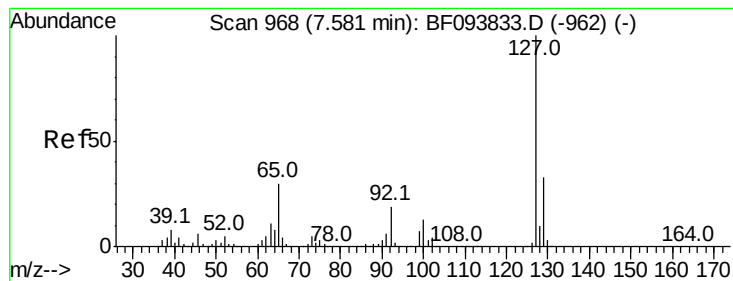


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 23.93 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

Tot Ion:127 Resp: 348889

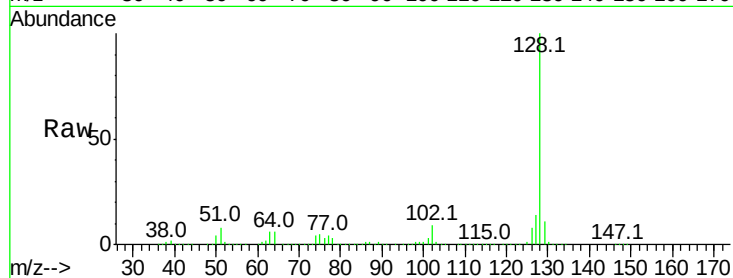
Ion Ratio Lower Upper

127 100

129 81.2 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

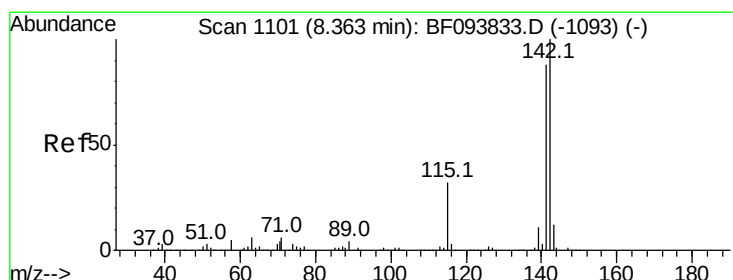
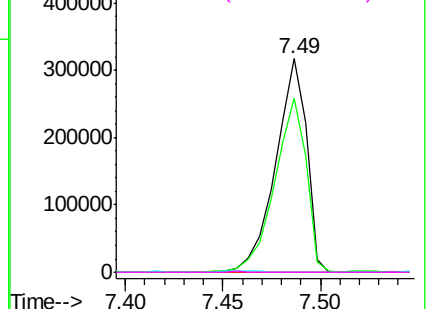
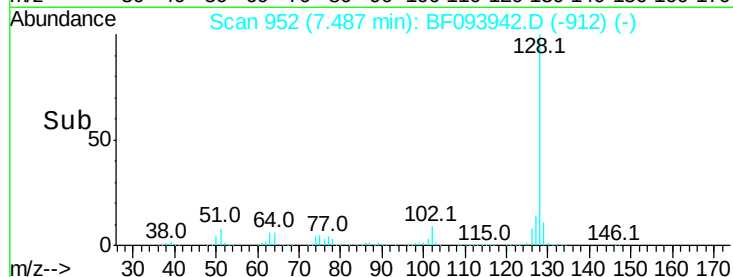


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#37

2-Methylnaphthalene

Concen: 34.97 ng

RT: 8.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

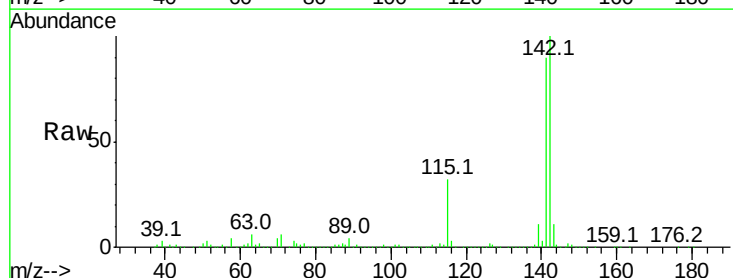
Tgt Ion:142 Resp: 838502

Ion Ratio Lower Upper

142 100

141 90.4 71.3 106.9

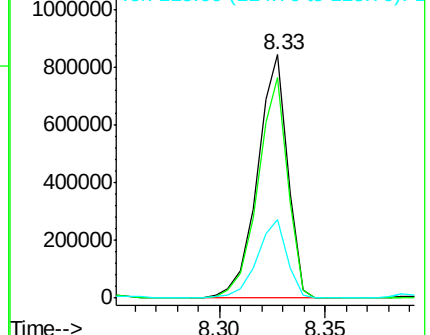
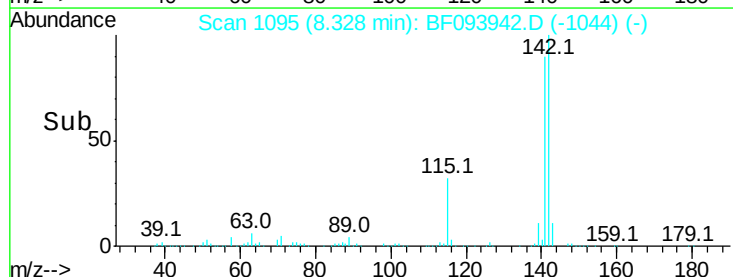
115 32.2 27.1 40.7

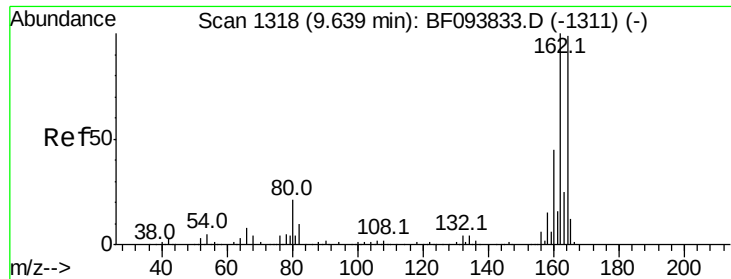


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1311

Delta R.T. 0.00 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

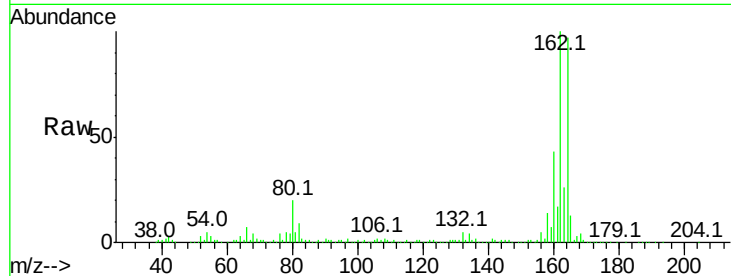
Tot Ion:164 Resp: 331876

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

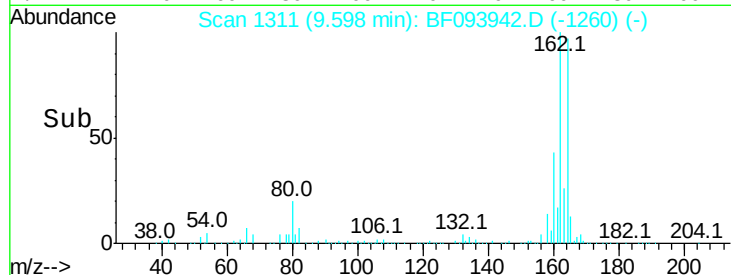
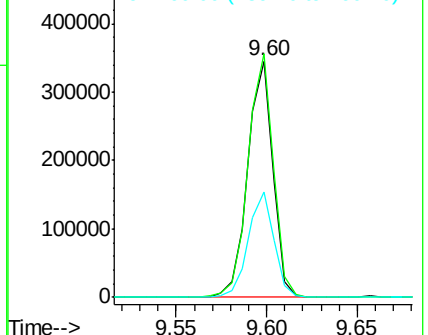
160 44.5 36.2 54.2



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: 2.90 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

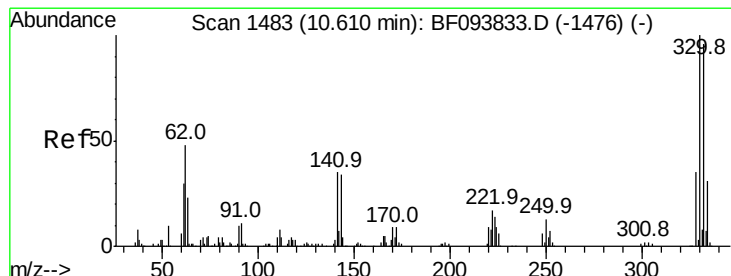
Tgt Ion:330 Resp: 7616

Ion Ratio Lower Upper

330 100

332 92.3 76.6 115.0

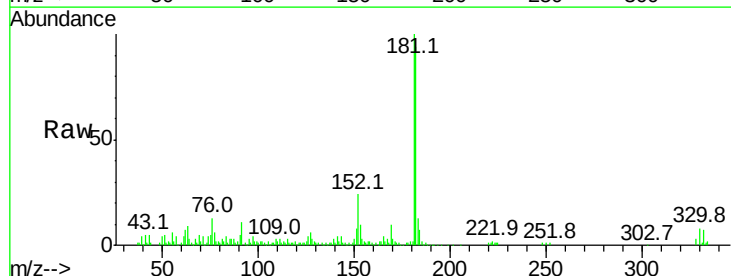
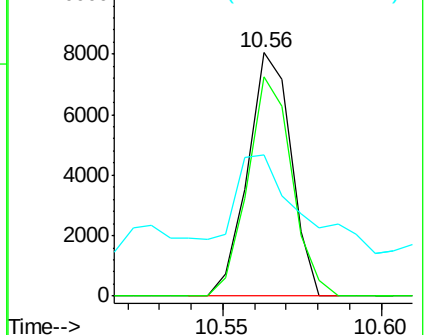
141 67.1 31.4 47.2#

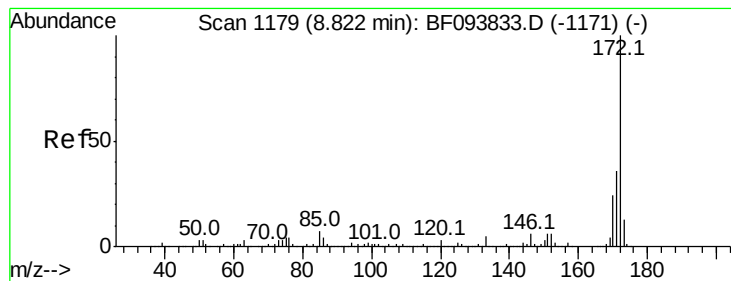


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 10.03 ng

RT: 8.77 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

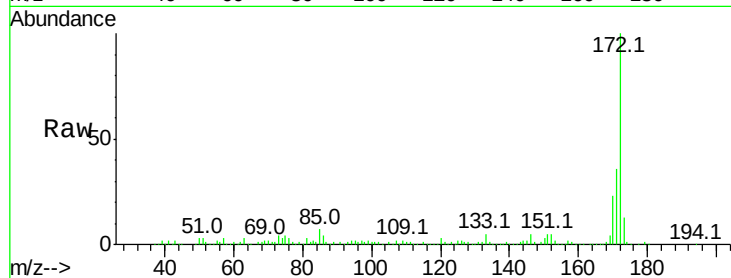
Tot Ion:172 Resp: 218326

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

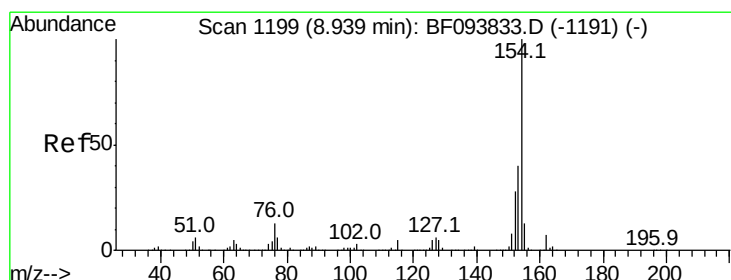
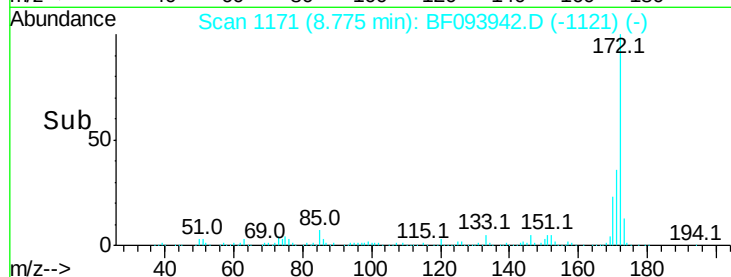
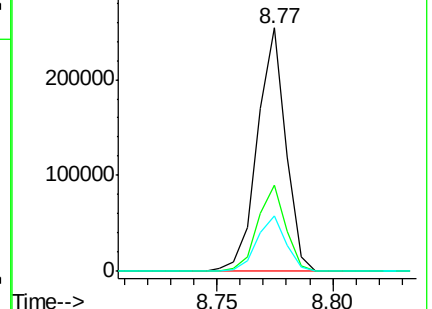
170 22.6 19.8 29.8



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



#45

1,1'-Biphenyl

Concen: 9.37 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

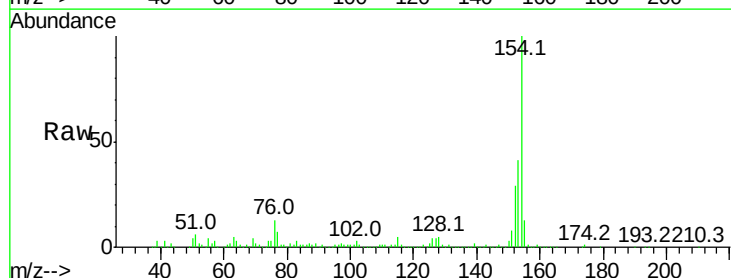
Tgt Ion:154 Resp: 250829

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

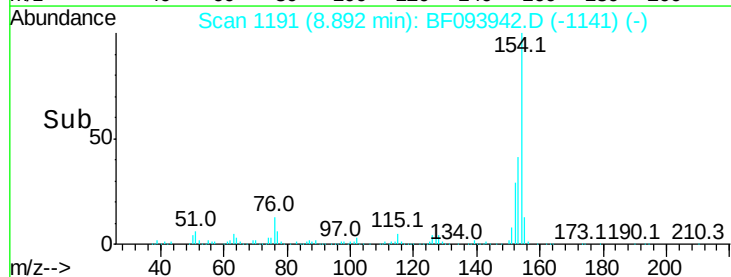
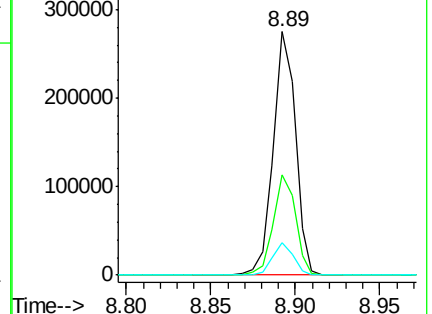
76 13.4 0.0 29.9

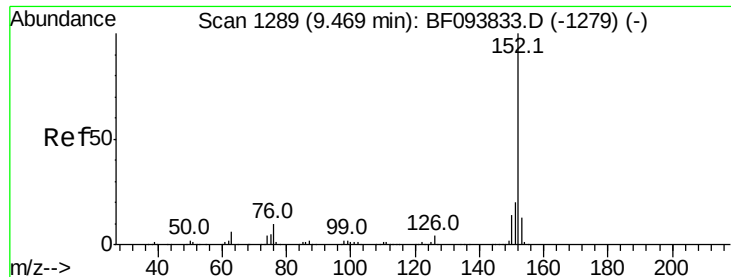


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 27.58 ng

RT: 9.42 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

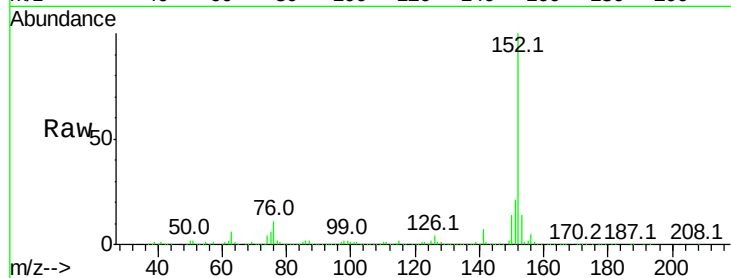
Tot Ion:152 Resp: 960608

Ion Ratio Lower Upper

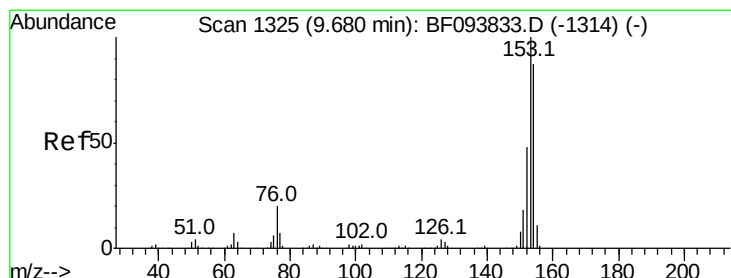
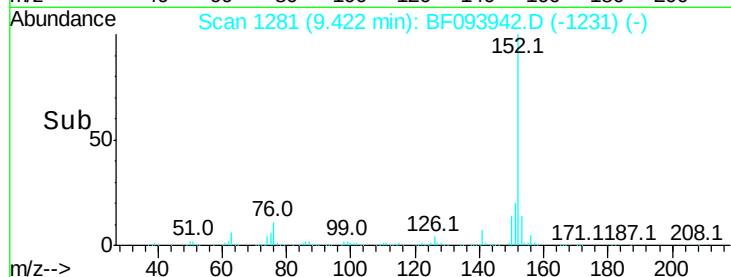
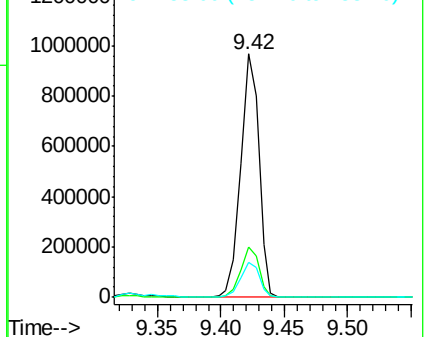
152 100

151 20.6 16.8 25.2

153 14.4 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



#51

Acenaphthene

Concen: 8.27 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

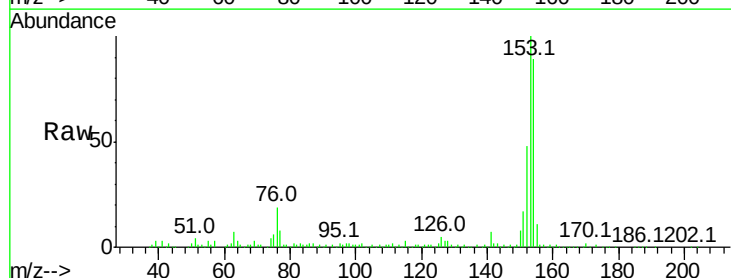
Tgt Ion:154 Resp: 168016

Ion Ratio Lower Upper

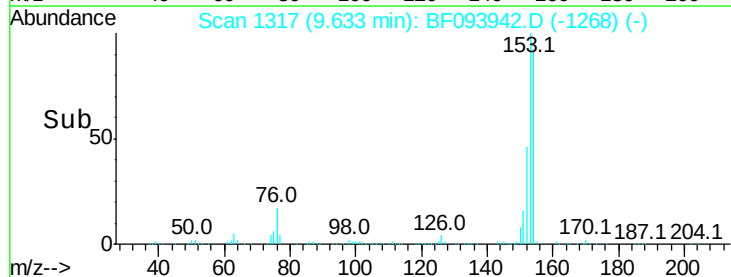
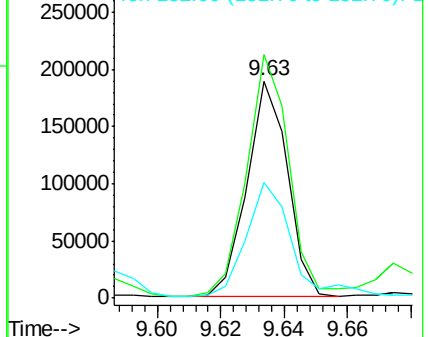
154 100

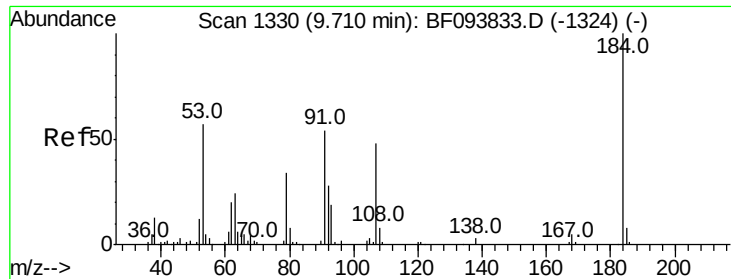
153 112.2 90.5 135.7

152 53.4 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

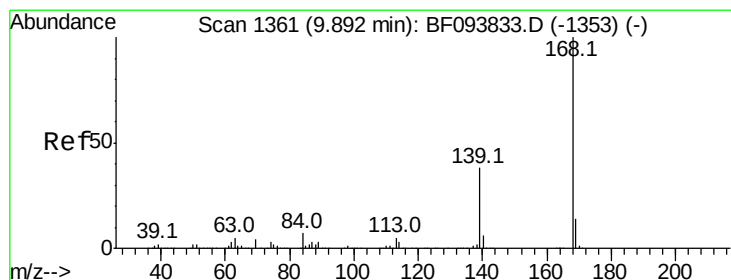
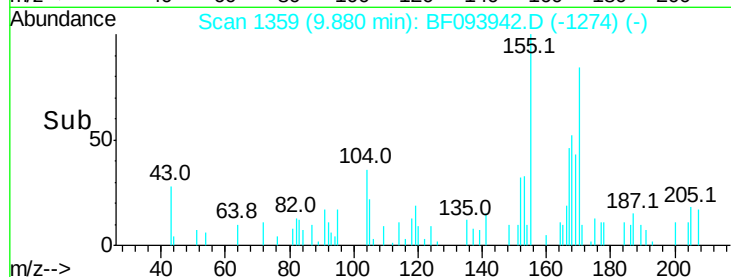
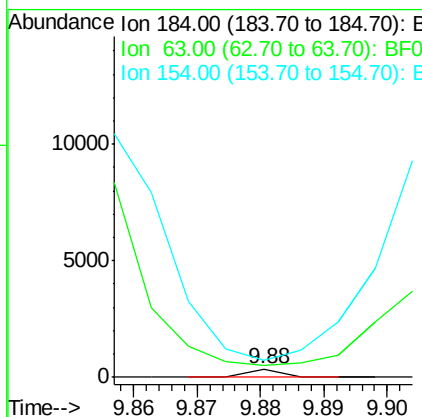
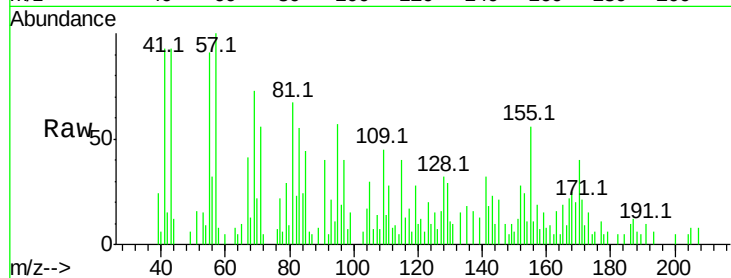




#53
 2,4-Dinitrophenol
 Concen: 4.70 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. 0.20 min
 Lab File: BF093942.D
 Acq: 27 Mar 2017 14:16

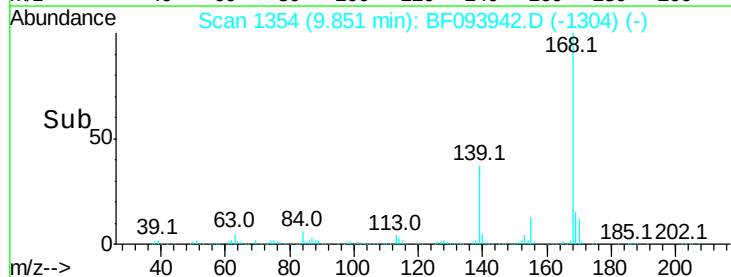
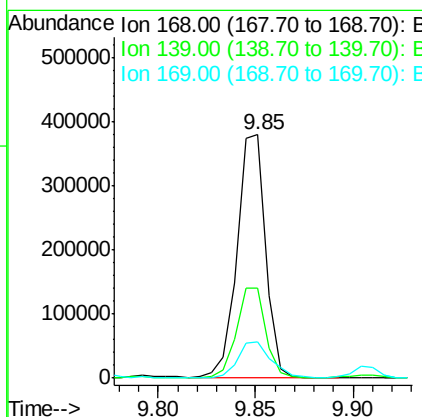
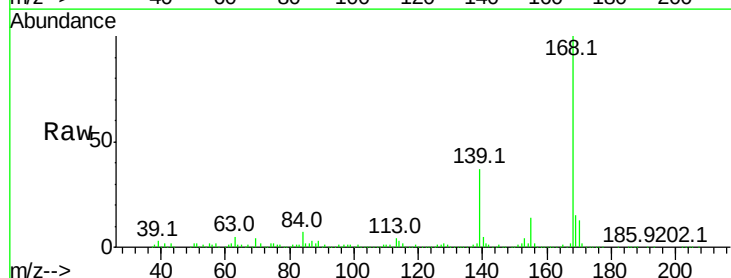
Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-10DL

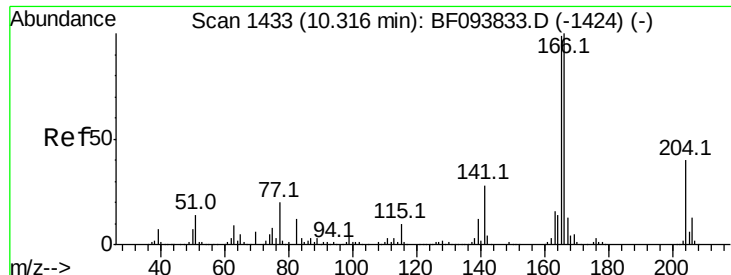
Tot Ion:184 Resp: 124
 Ion Ratio Lower Upper
 184 100
 63 153.0 62.7 94.1#
 154 213.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 13.89 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF093942.D
 Acq: 27 Mar 2017 14:16

Tgt Ion:168 Resp: 384232
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 14.9 10.8 16.2

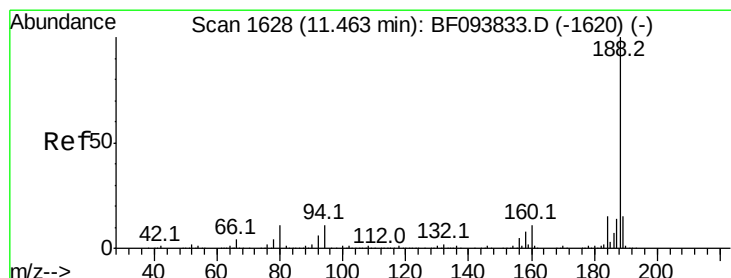
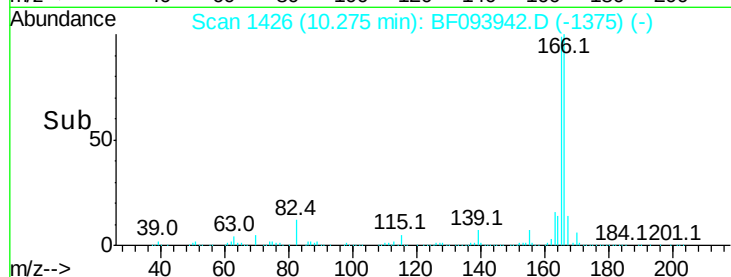
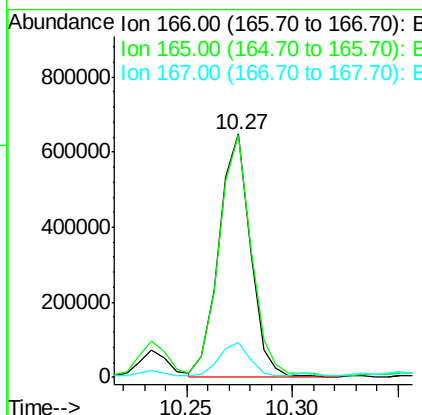
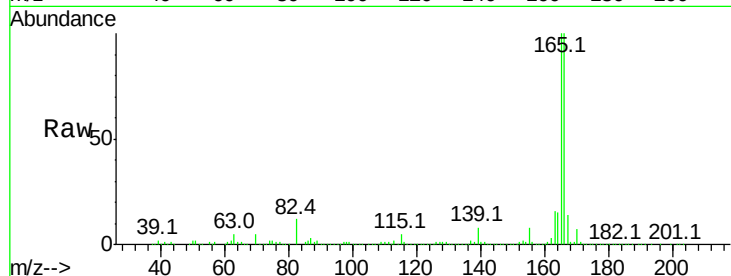




#57
Fluorene
 Concen: 29.12 ng
 RT: 10.27 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF093942.D
 Acq: 27 Mar 2017 14:16

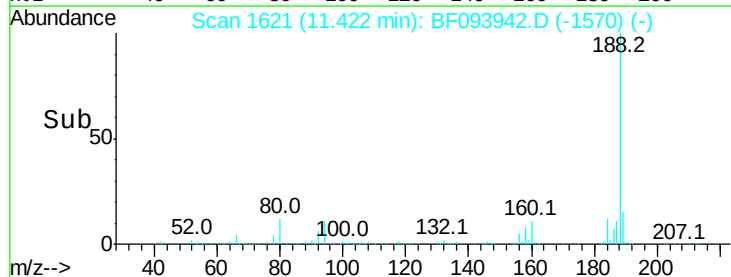
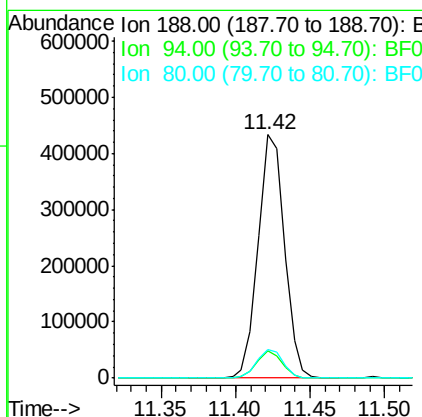
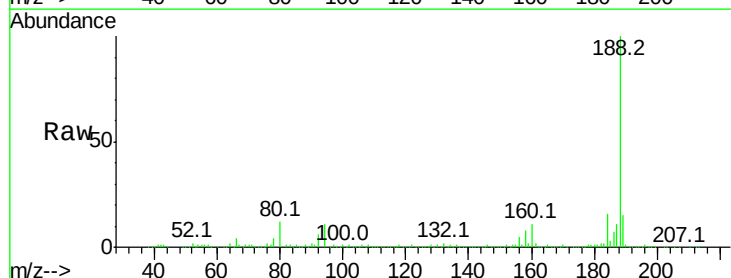
Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-10DL

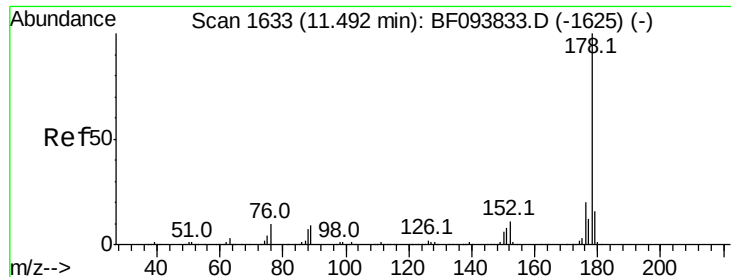
Tot Ion:166 Resp: 667910
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.8 118.2
 167 14.2 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF093942.D
 Acq: 27 Mar 2017 14:16

Tgt Ion:188 Resp: 526794
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.7 10.2 15.2

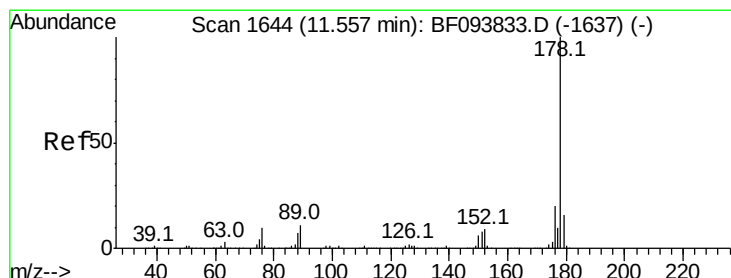
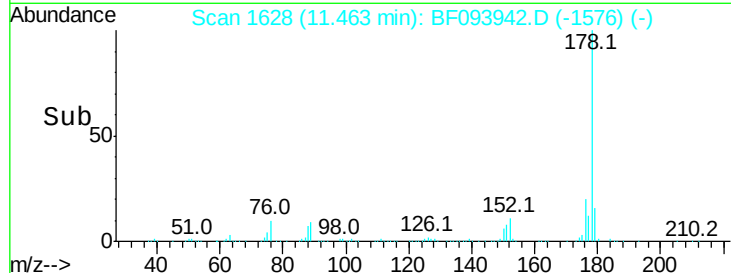
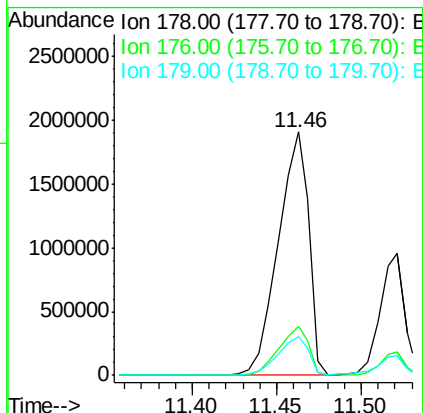
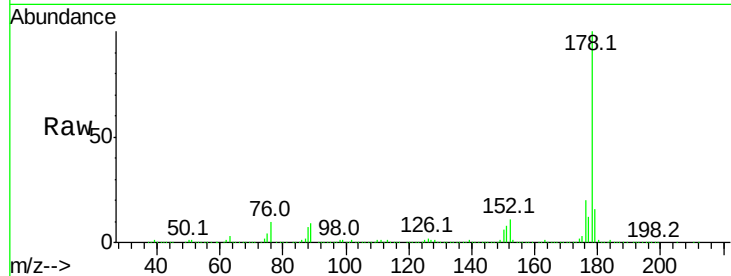




#70
Phenanthrene
Concen: 81.89 ng
RT: 11.46 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

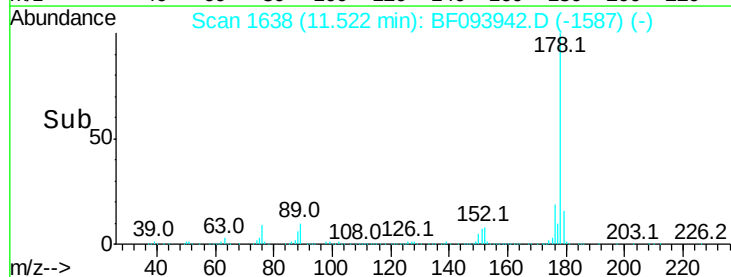
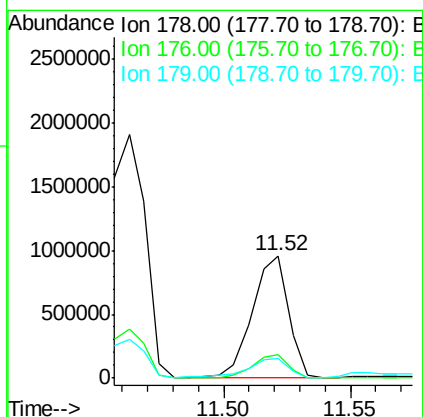
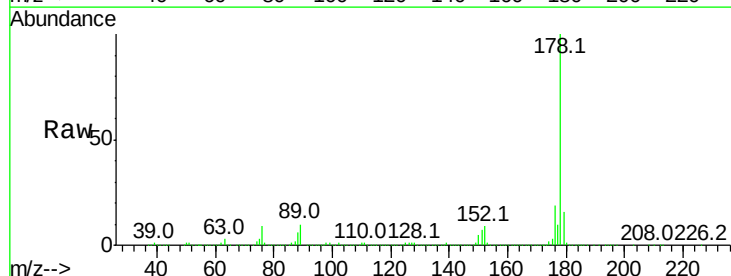
Instrument :
BNA_F
ClientSampleId :
WC-COMP-10DL

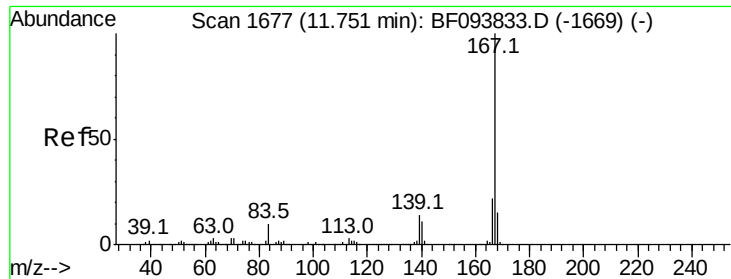
Tot Ion:178 Resp: 2399648
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.7 12.6 19.0



#71
Anthracene
Concen: 31.40 ng
RT: 11.52 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

Tgt Ion:178 Resp: 947461
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.7 12.7 19.1





#72

Carbazole

Concen: 5.46 ng

RT: 11.71 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

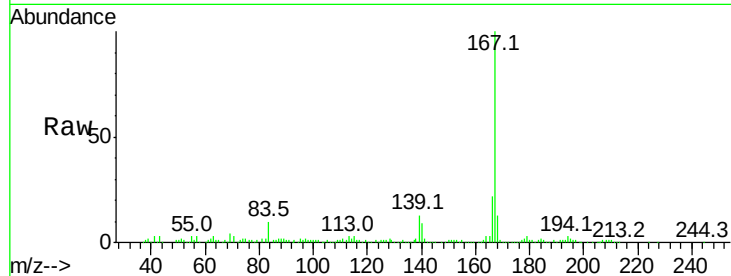
Tot Ion:167 Resp: 168980

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

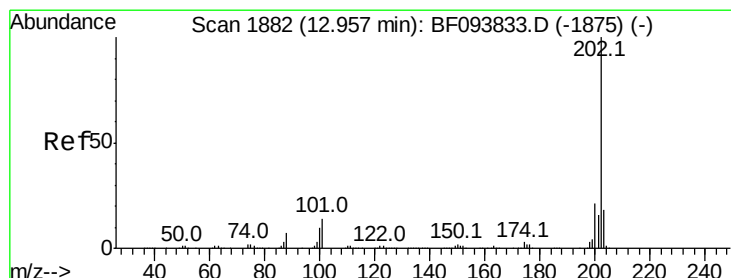
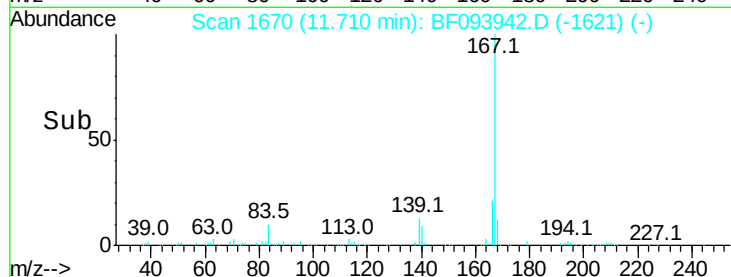
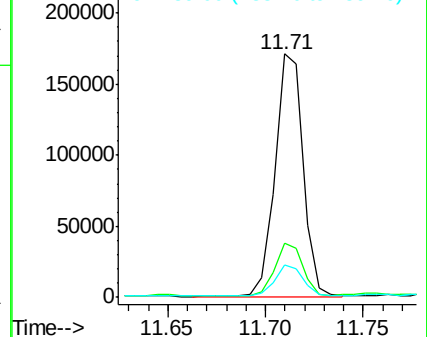
139 13.1 11.7 17.5



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: 52.53 ng

RT: 12.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

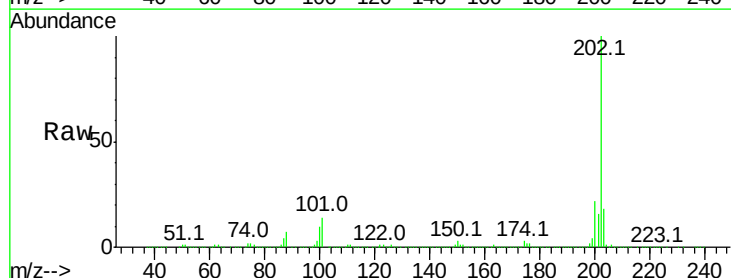
Tgt Ion:202 Resp: 1576308

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

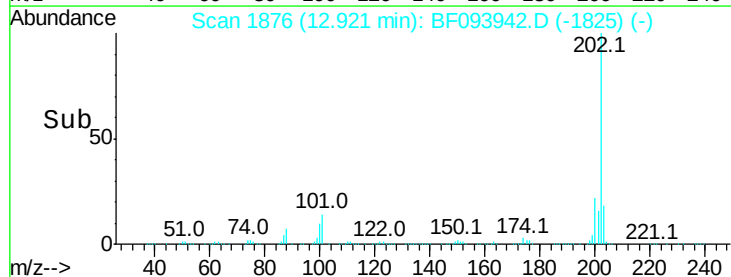
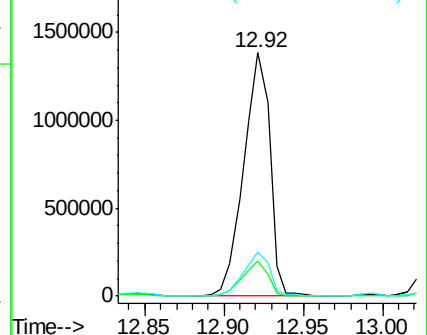
203 18.2 0.0 38.1

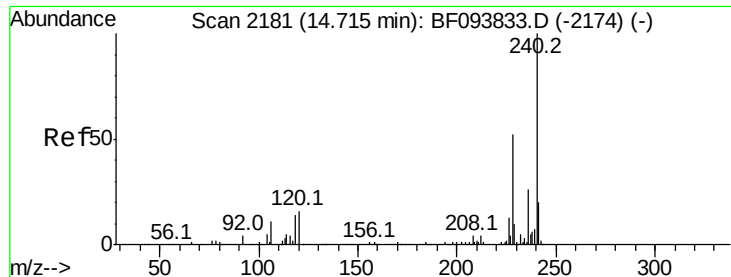


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.67 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

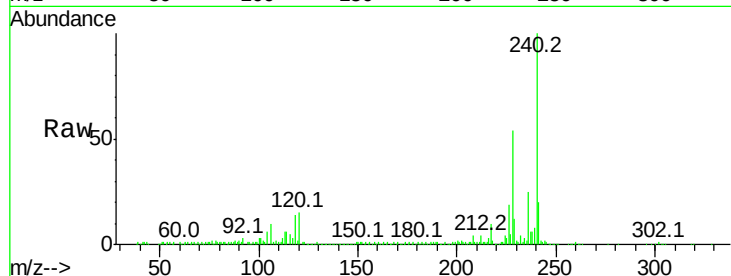
Tot Ion:240 Resp: 322605

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

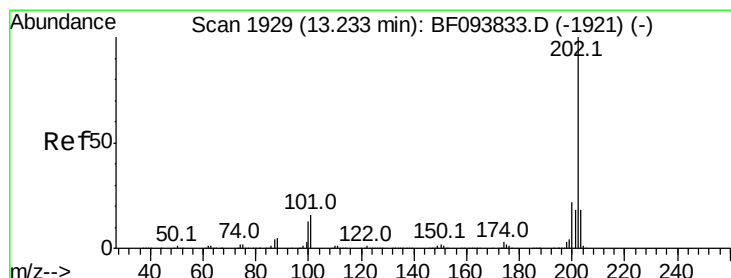
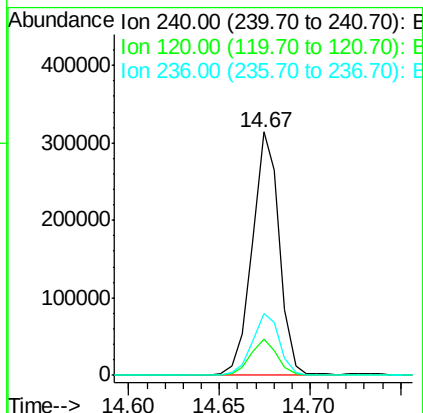
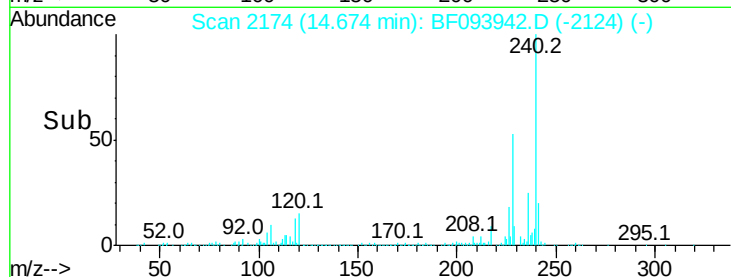
236 25.5 20.5 30.7



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: 77.42 ng

RT: 13.20 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

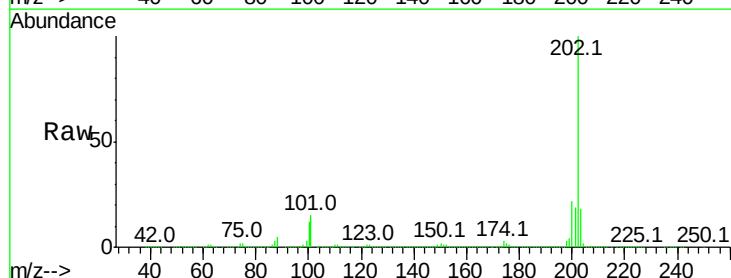
Tgt Ion:202 Resp: 1812711

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

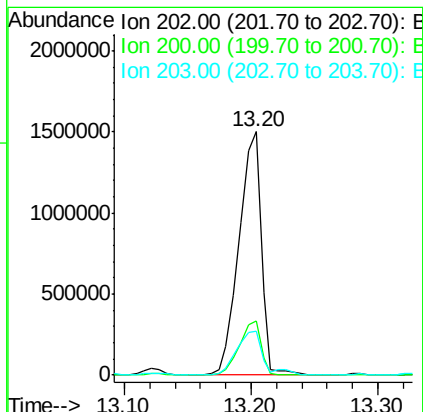
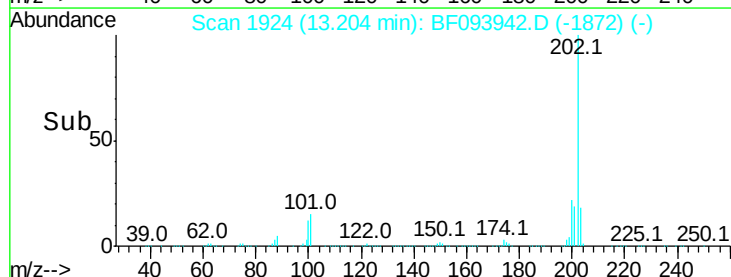
203 17.9 14.4 21.6

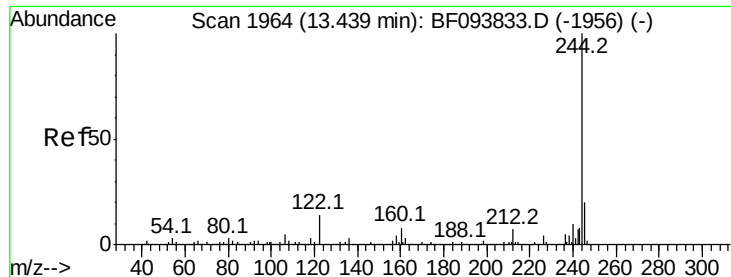


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 9.19 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

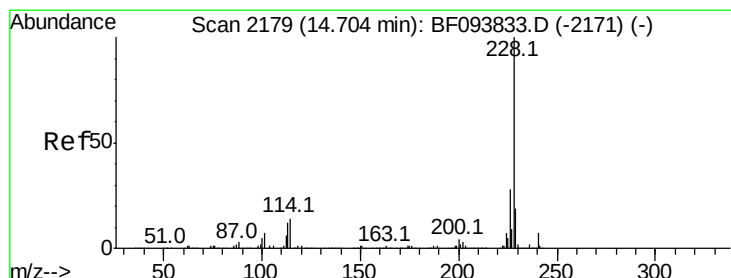
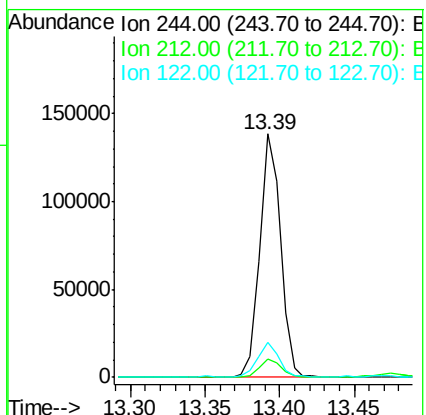
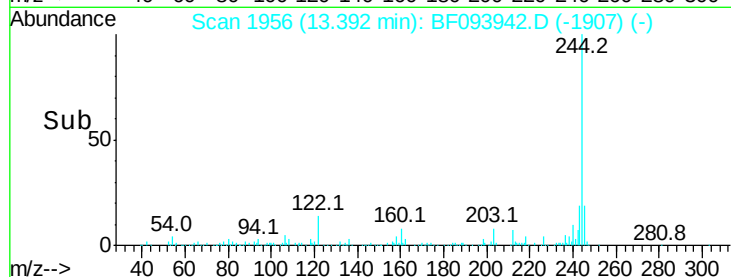
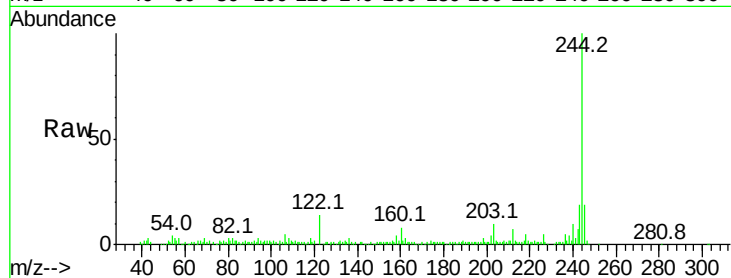
Tot Ion:244 Resp: 132284

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 14.4 10.3 15.5



#80

Benzo(a)anthracene

Concen: 26.92 ng

RT: 14.71 min Scan# 2180

Delta R.T. 0.04 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

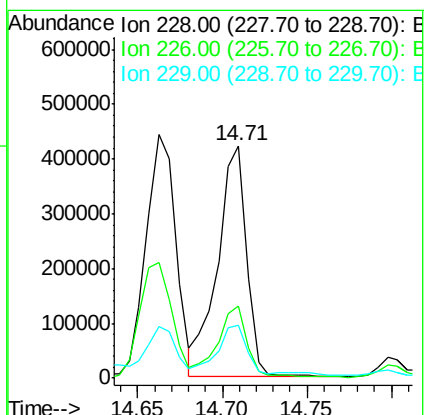
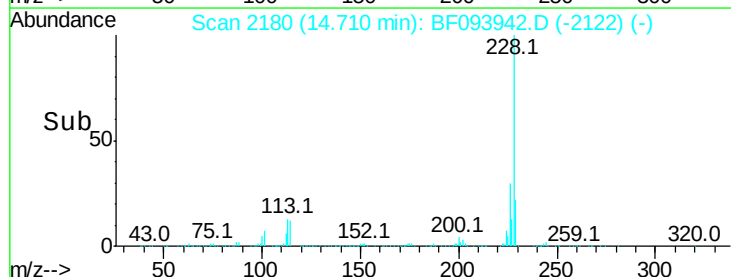
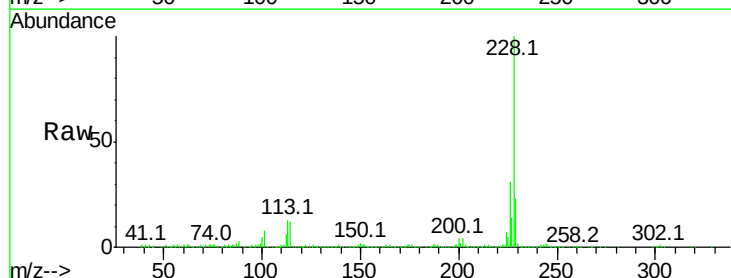
Tgt Ion:228 Resp: 506400

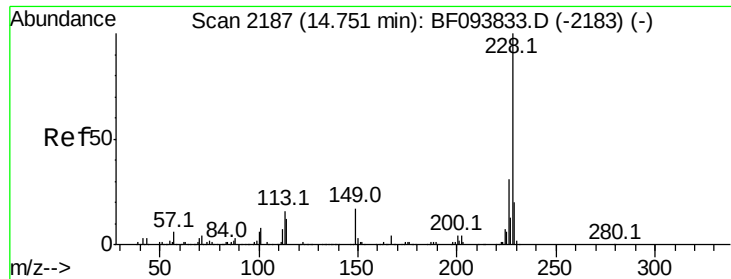
Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

229 22.8 16.3 24.5





#82

Chrysene

Concen: 29.01 ng

RT: 14.71 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

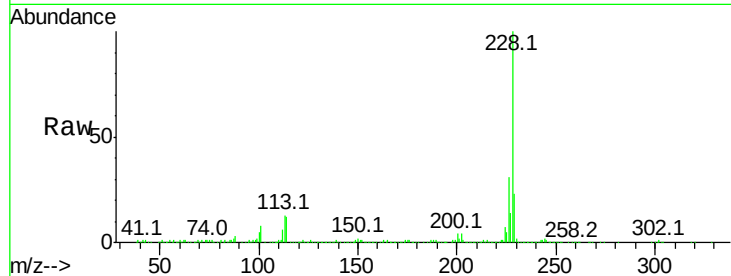
Tot Ion:228 Resp: 506400

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

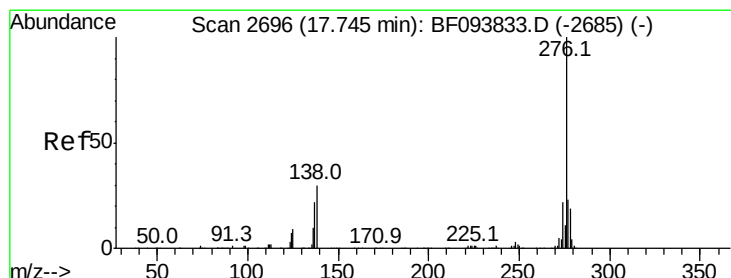
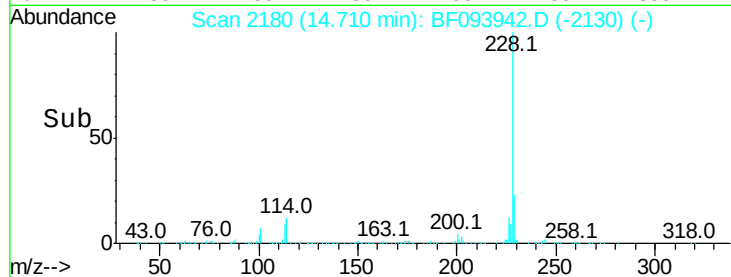
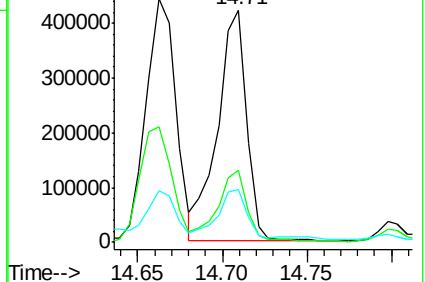
229 22.8 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 16.87 ng

RT: 17.69 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

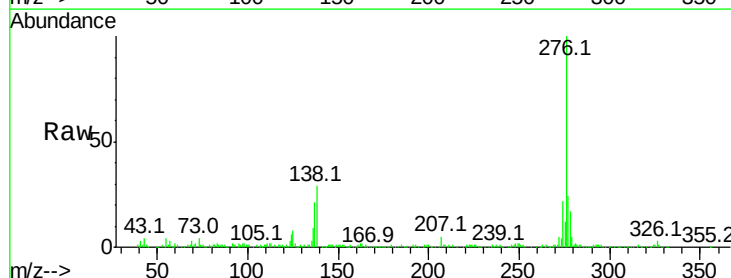
Tgt Ion:276 Resp: 255050

Ion Ratio Lower Upper

276 100

138 29.6 27.8 41.6

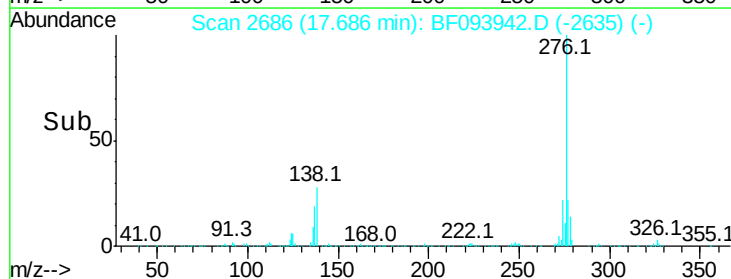
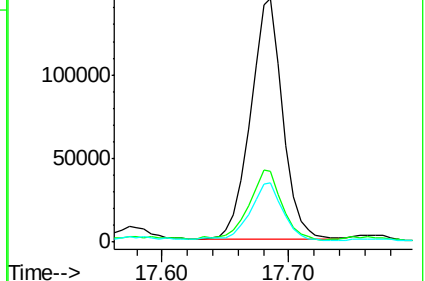
277 24.8 20.2 30.4

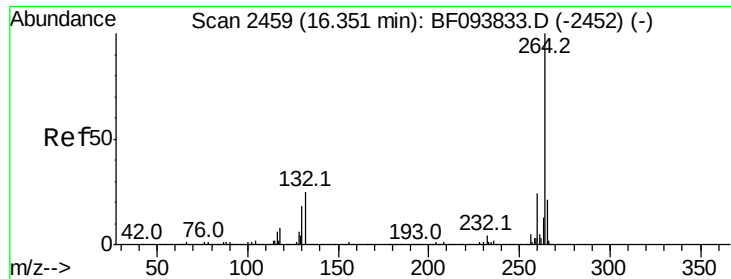


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

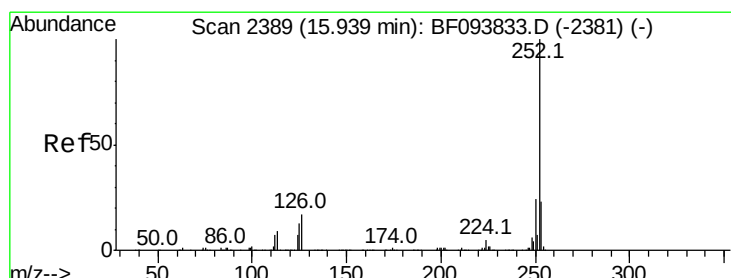
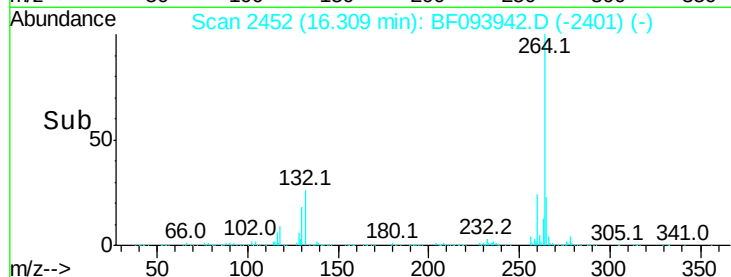
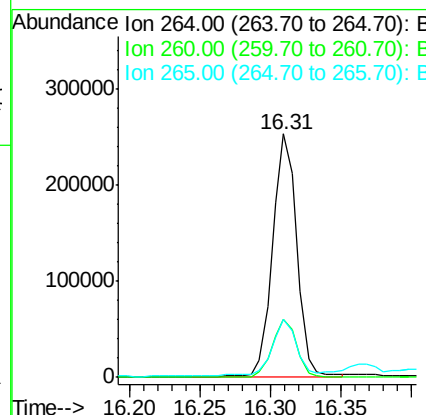
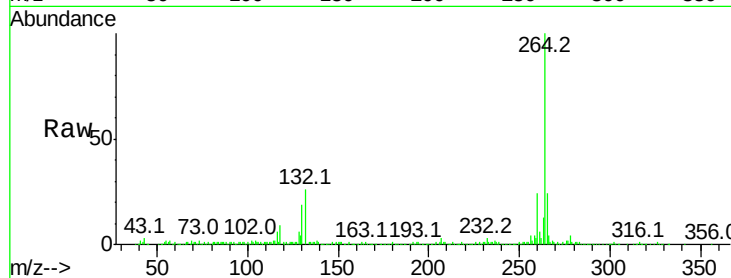




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

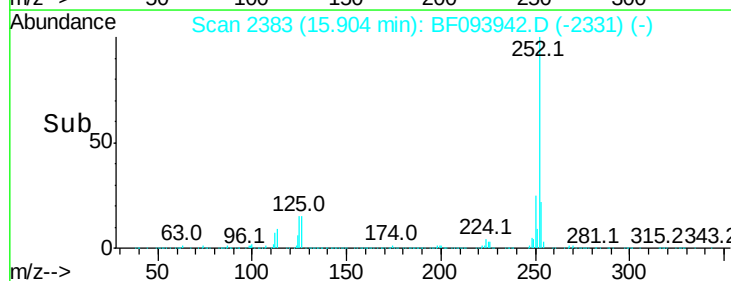
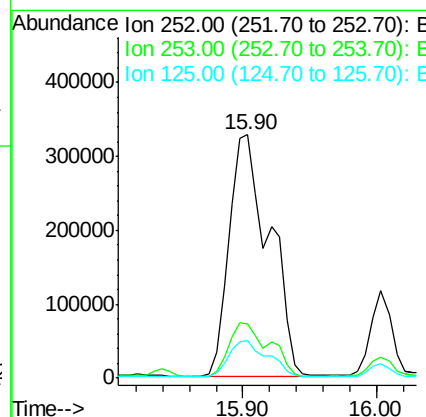
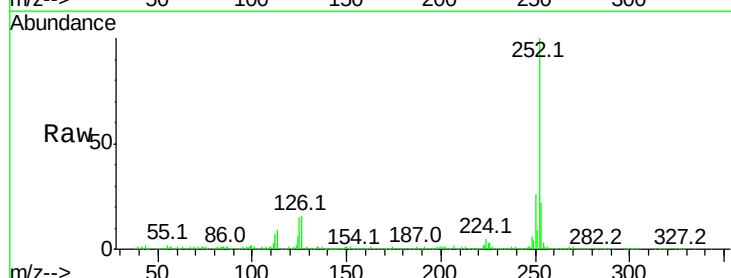
Instrument :
BNA_F
ClientSampleId :
WC-COMP-10DL

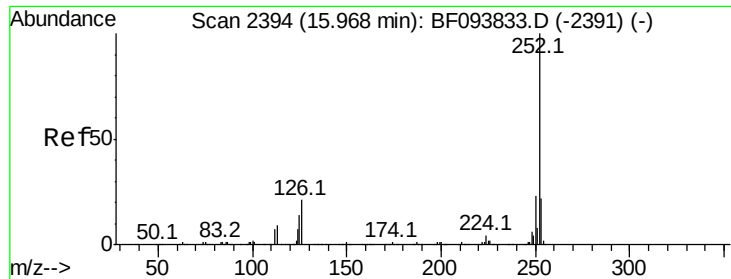
Tot Ion:264 Resp: 304530
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 23.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 37.34 ng
RT: 15.90 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

Tgt Ion:252 Resp: 697092
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 15.4 9.8 14.8#

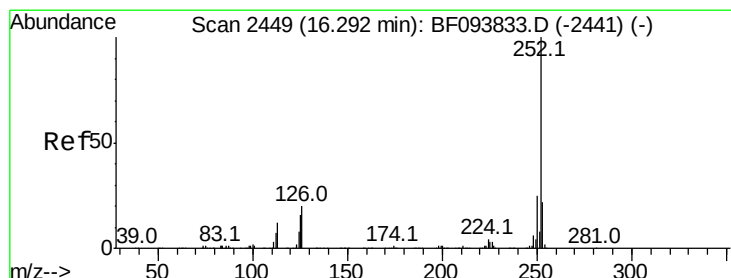
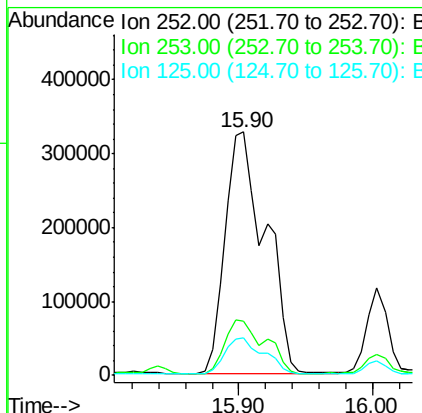
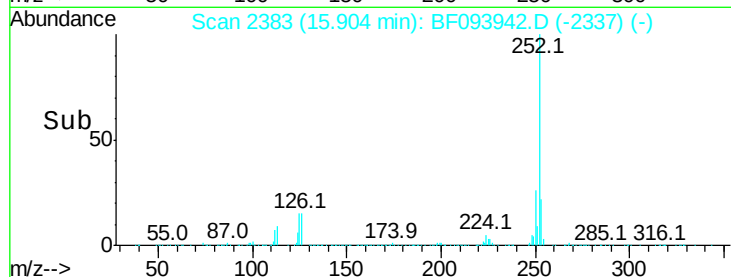
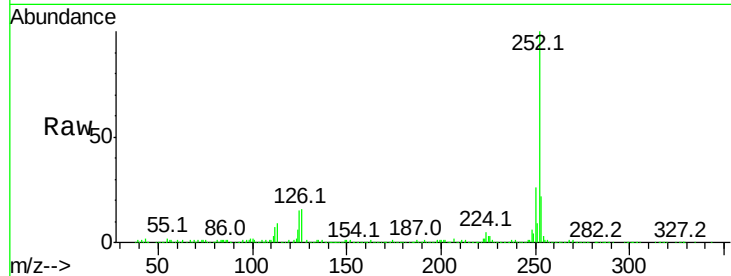




#88
Benzo(k)fluoranthene
Concen: 38.17 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.03 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

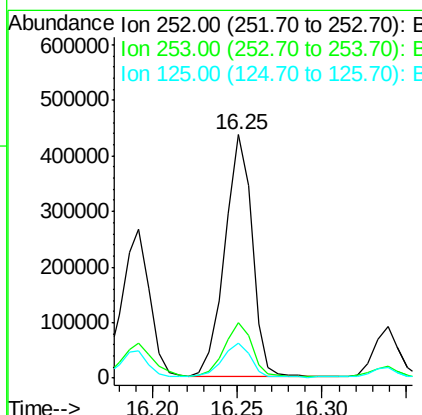
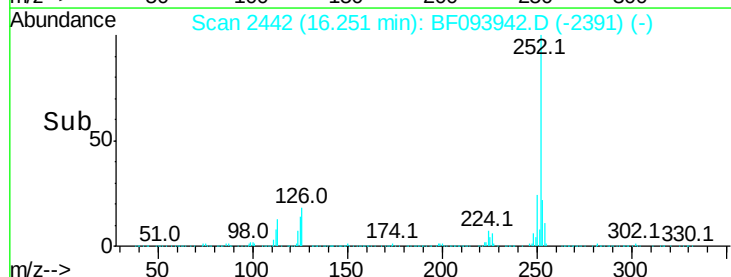
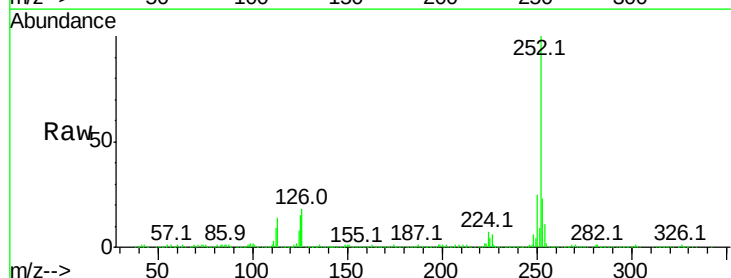
Instrument :
BNA_F
ClientSampleId :
WC-COMP-10DL

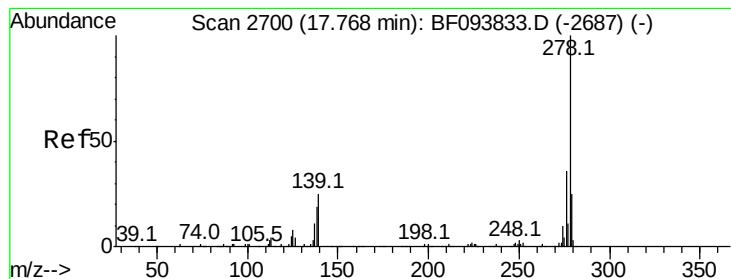
Tot Ion:252 Resp: 697092
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 15.4 13.1 19.7



#89
Benzo(a)pyrene
Concen: 28.51 ng
RT: 16.25 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BF093942.D
Acq: 27 Mar 2017 14:16

Tgt Ion:252 Resp: 490095
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 14.6 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 3.80 ng

RT: 17.69 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

Instrument :

BNA_F

ClientSampleId :

WC-COMP-10DL

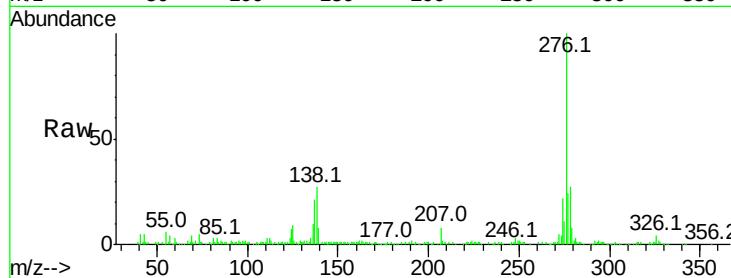
Tot Ion:278 Resp: 55276

Ion Ratio Lower Upper

278 100

139 29.9 16.6 24.8#

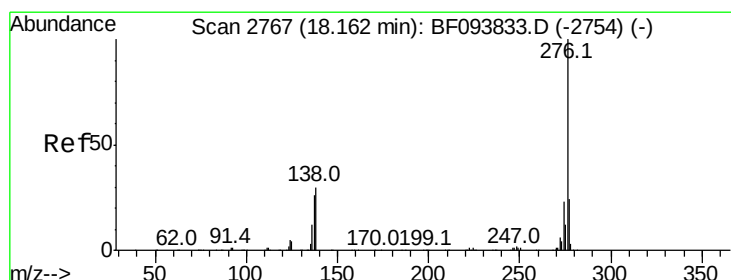
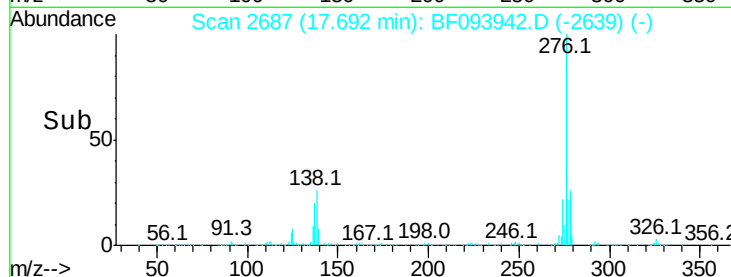
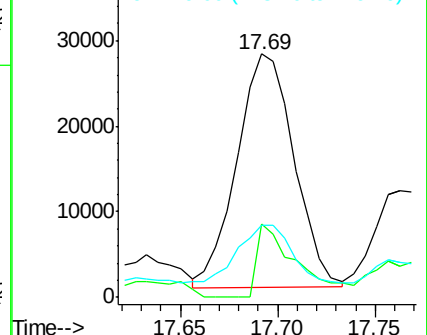
279 29.7 19.3 28.9#



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: 19.01 ng

RT: 18.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BF093942.D

Acq: 27 Mar 2017 14:16

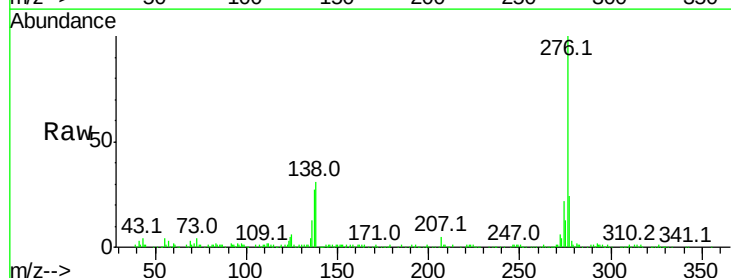
Tgt Ion:276 Resp: 278961

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 31.2 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

