

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093935.D
 Acq On : 25 Mar 2017 4:25
 Operator : SJ/MA
 Sample : I2364-03 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-12

Quant Time: Mar 25 04:47:07 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

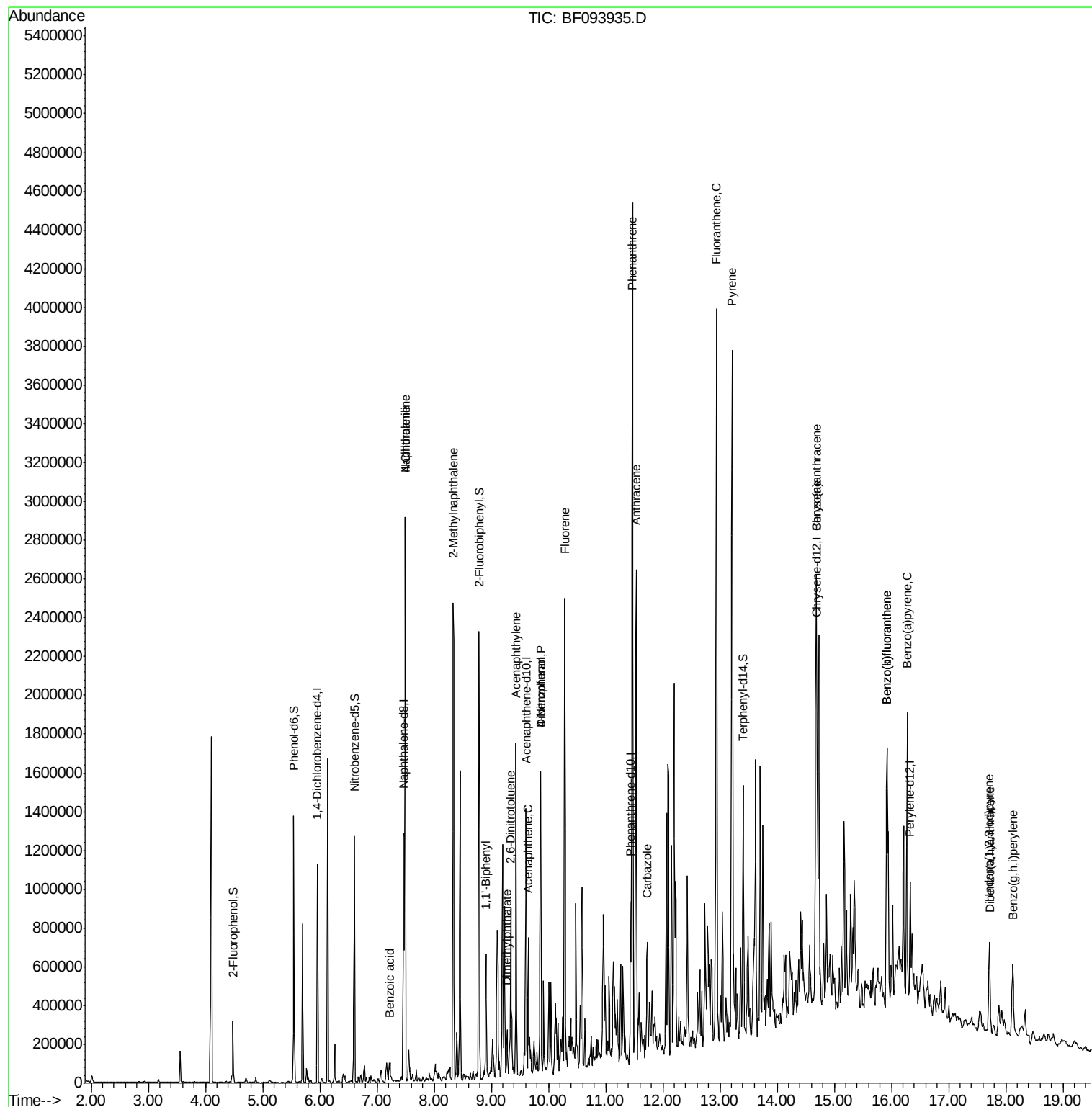
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	179105	20.00	ng	-0.03
21) Naphthalene-d8	7.47	136	704207	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	281329	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	402660	20.00	ng	-0.03
75) Chrysene-d12	14.70	240	291376	20.00	ng	-0.02
86) Perylene-d12	16.33	264	249967	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	77628	7.32	ng	-0.02
7) Phenol-d6	5.55	99	507515	38.69	ng	-0.02
23) Nitrobenzene-d5	6.60	82	405138	32.83	ng	-0.04
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.79	172	752953	40.82	ng	-0.04
78) Terphenyl-d14	13.41	244	428024	32.93	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.49	128	1422492	42.01	ng	99
32) Benzoic acid	7.23	122	13775	2.07	ng	# 15
33) 4-Chloroaniline	7.49	127	192531	14.03	ng	# 33
37) 2-Methylnaphthalene	8.33	142	762794	33.79	ng	99
45) 1,1'-Biphenyl	8.90	154	194274	8.56	ng	96
48) Acenaphthylene	9.43	152	657320	22.27	ng	99
49) Dimethylphthalate	9.28	163	66179	3.31	ng	99
50) 2,6-Dinitrotoluene	9.35	165	30227	6.59	ng	# 48
51) Acenaphthene	9.65	154	142669	8.28	ng	98
54) Dibenzofuran	9.86	168	590759	25.19	ng	98
55) 4-Nitrophenol	9.86	139	229668	54.48	ng	# 27
57) Fluorene	10.29	166	725313	37.30	ng	99
70) Phenanthrene	11.47	178	2203724	98.38	ng	100
71) Anthracene	11.53	178	1092614	47.38	ng	99
72) Carbazole	11.73	167	250554	10.59	ng	98
74) Fluoranthene	12.94	202	1982295	86.43	ng	99
77) Pyrene	13.22	202	2041440	96.54	ng	100
80) Benzo(a)anthracene	14.69	228	1016046	59.80	ng	95
82) Chrysene	14.69	228	1016046	64.44	ng	98
85) Indeno(1,2,3-cd)pyrene	17.72	276	283333	20.75	ng	96
87) Benzo(b)fluoranthene	15.92	252	1091381	71.23	ng	# 96
88) Benzo(k)fluoranthene	15.92	252	1091381	72.80	ng	99
89) Benzo(a)pyrene	16.27	252	653993	46.35	ng	98
90) Dibenzo(a,h)anthracene	17.73	278	78561	6.57	ng	# 83
91) Benzo(g,h,i)perylene	18.12	276	267356	22.20	ng	99

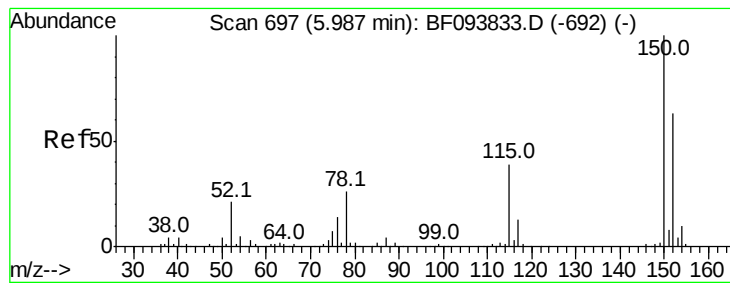
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

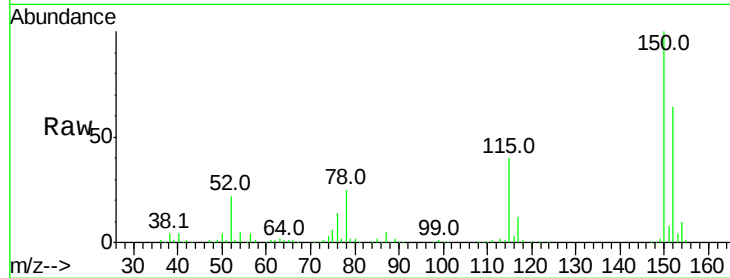
Tot Ion:152 Resp: 179105

Ion Ratio Lower Upper

152 100

150 157.2 126.2 189.2

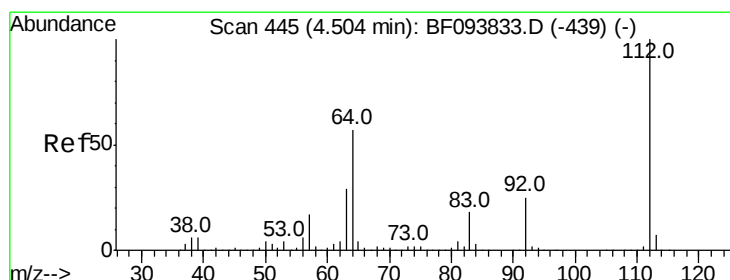
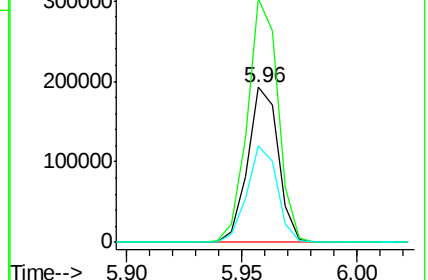
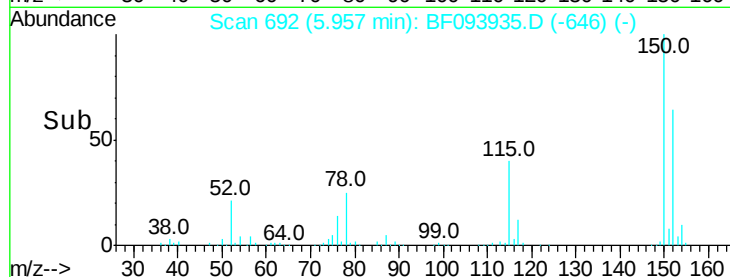
115 62.3 52.2 78.2



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: 7.32 ng

RT: 4.48 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

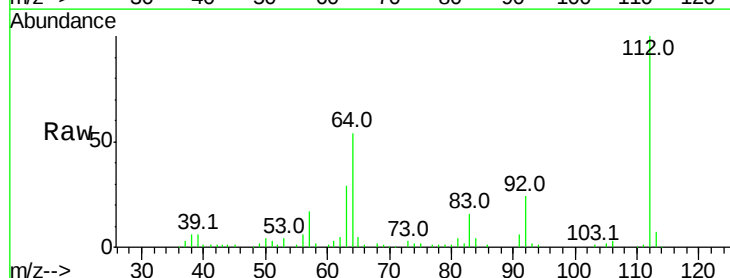
Tgt Ion:112 Resp: 77628

Ion Ratio Lower Upper

112 100

64 54.1 46.0 69.0

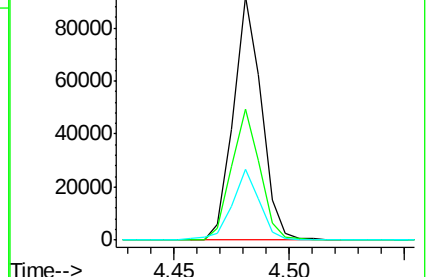
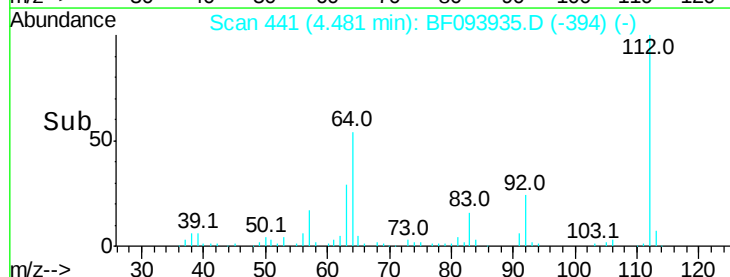
63 29.3 23.4 35.0

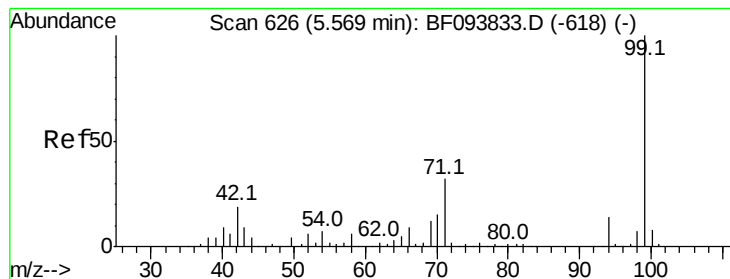


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.69 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

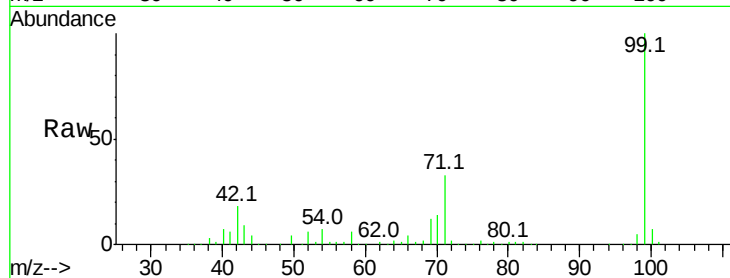
Tot Ion: 99 Resp: 507515

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

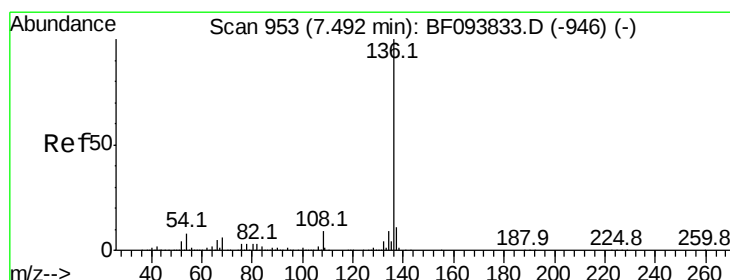
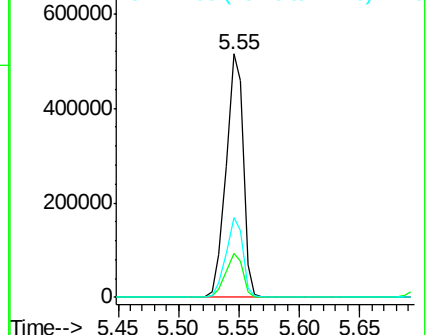
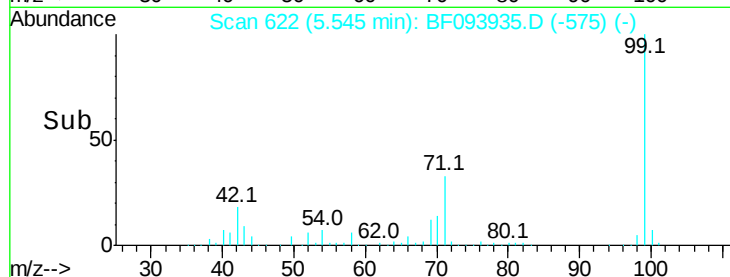
71 32.7 24.5 36.7



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: 7.47 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Tgt Ion: 136 Resp: 704207

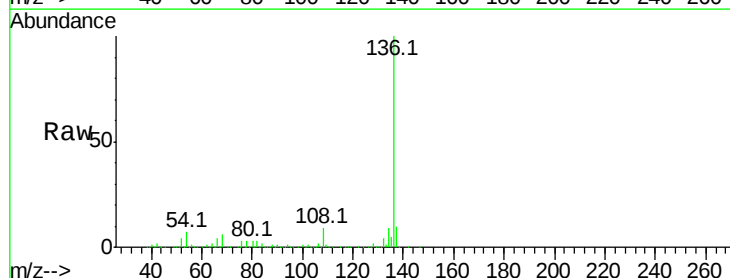
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

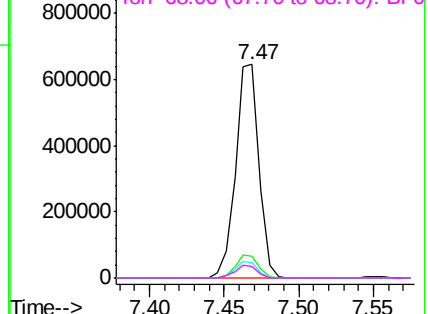
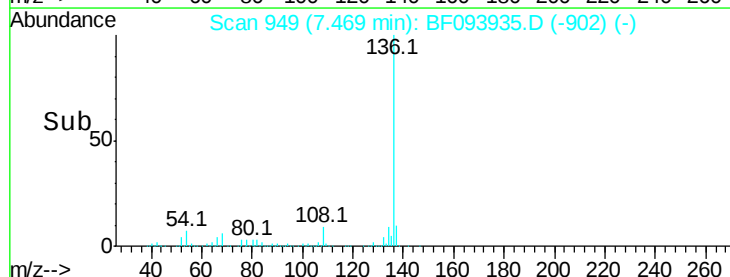


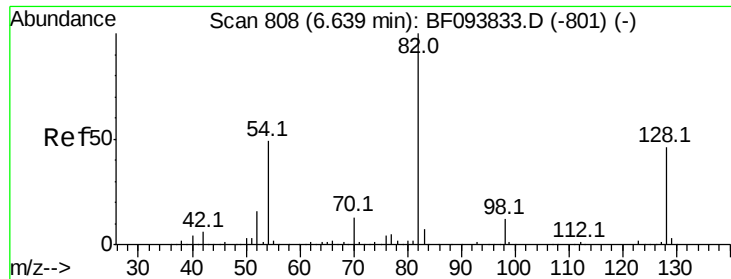
Abundance Ion 136.00 (135.70 to 136.70): E

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

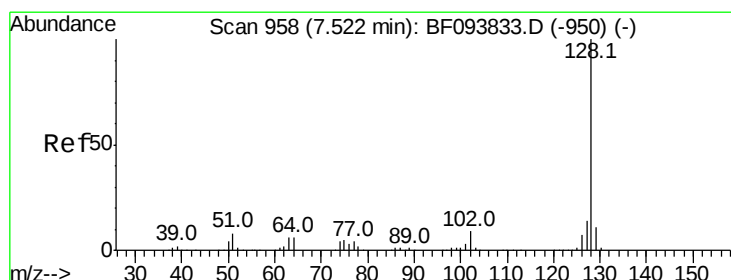
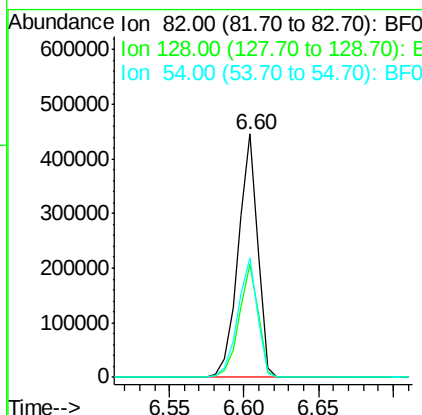
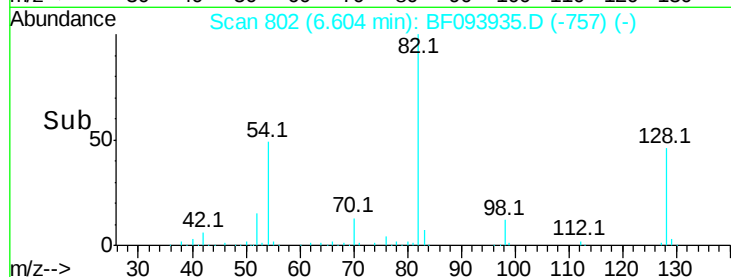
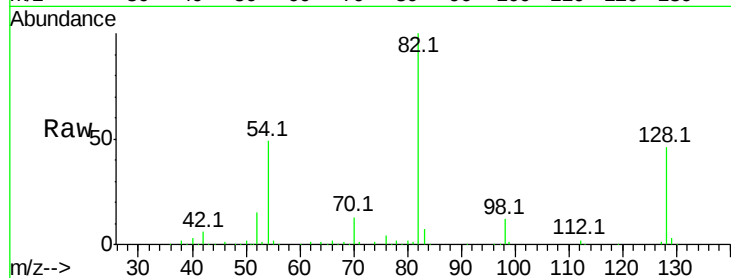




#23
 Nitrobenzene-d5
 Concen: 32.83 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.04 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

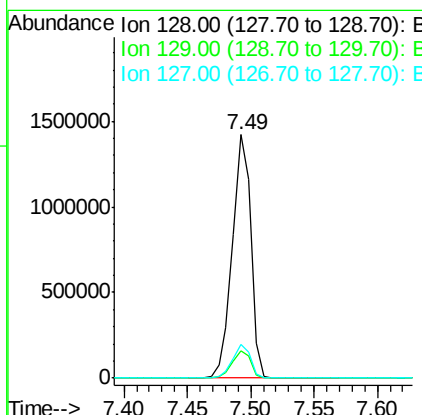
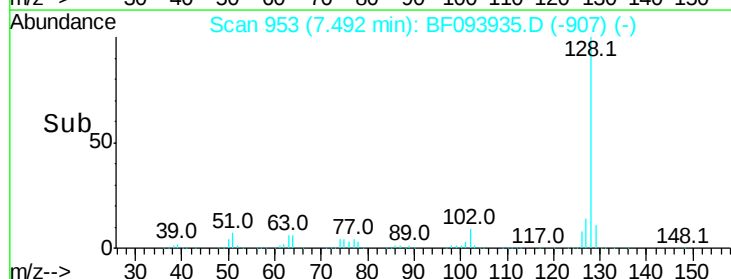
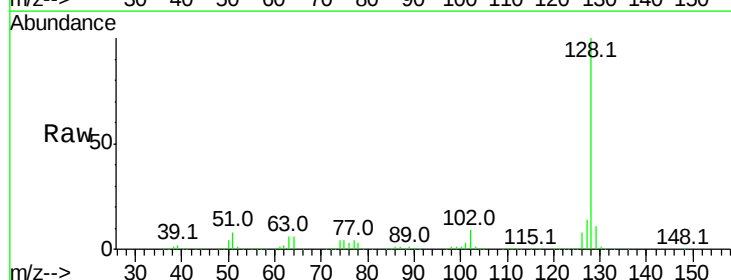
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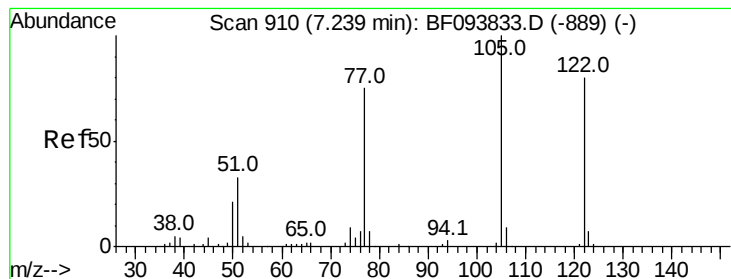
Tot Ion: 82 Resp: 405138
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 49.1 42.2 63.2



#31
 Naphthalene
 Concen: 42.01 ng
 RT: 7.49 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

Tgt Ion:128 Resp: 1422492
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.9 10.8 16.2





#32

Benzoic acid

Concen: 2.07 ng

RT: 7.23 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

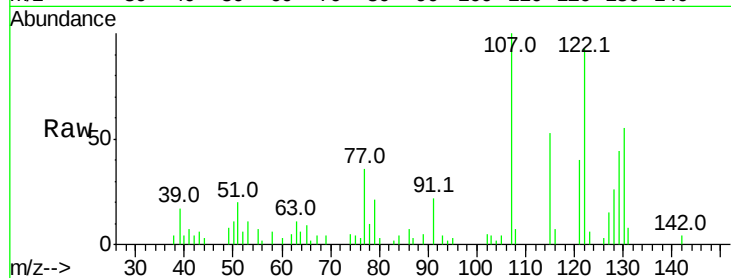
Tot Ion:122 Resp: 13775

Ion Ratio Lower Upper

122 100

105 4.5 103.3 143.3#

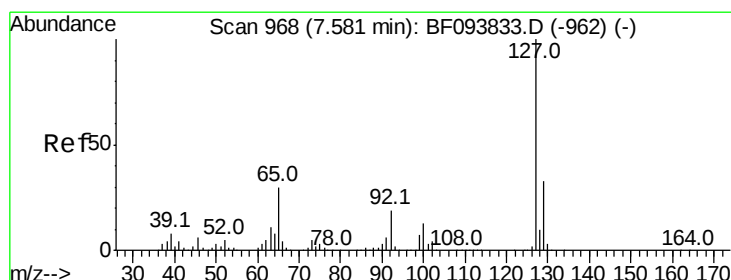
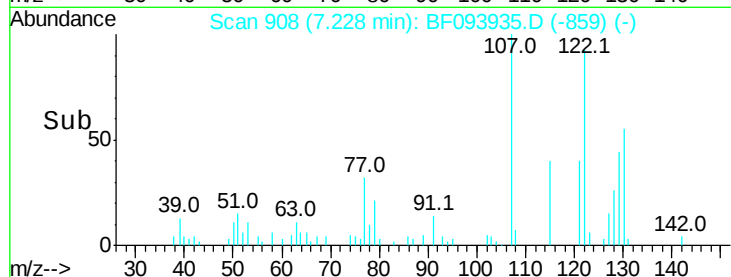
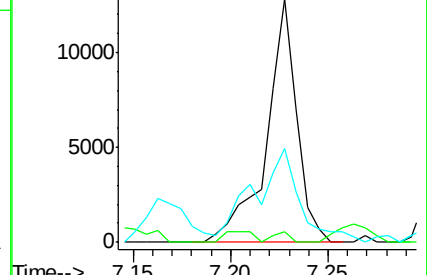
77 38.3 73.7 113.7#



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: 14.03 ng

RT: 7.49 min Scan# 953

Delta R.T. -0.09 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Tgt Ion:127 Resp: 192531

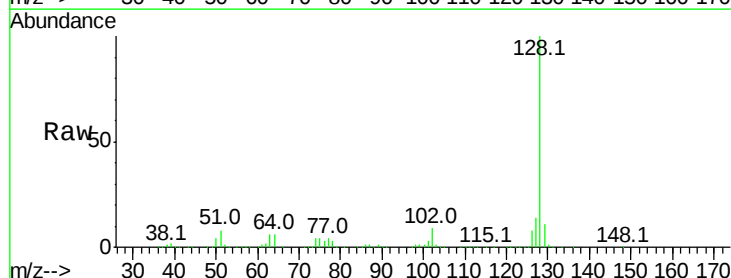
Ion Ratio Lower Upper

127 100

129 82.2 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

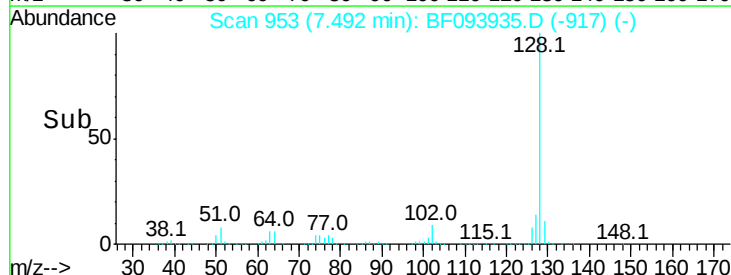
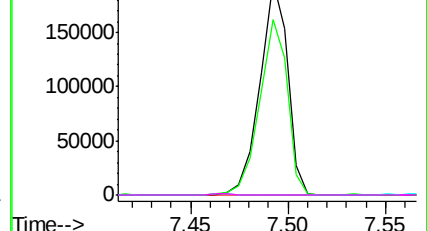


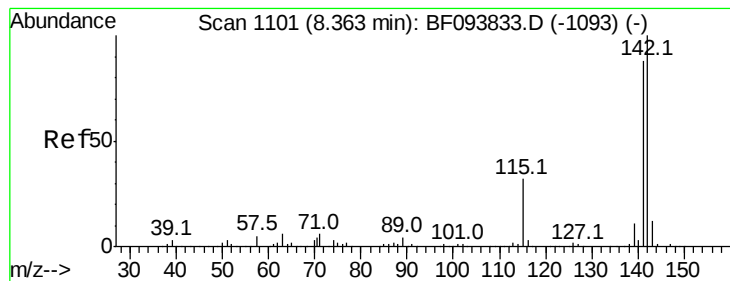
Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.79 ng

RT: 8.33 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

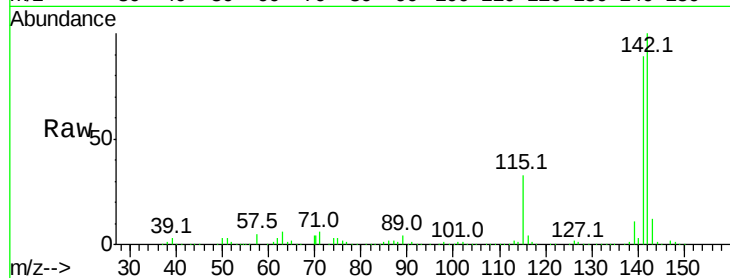
Tot Ion:142 Resp: 762794

Ion Ratio Lower Upper

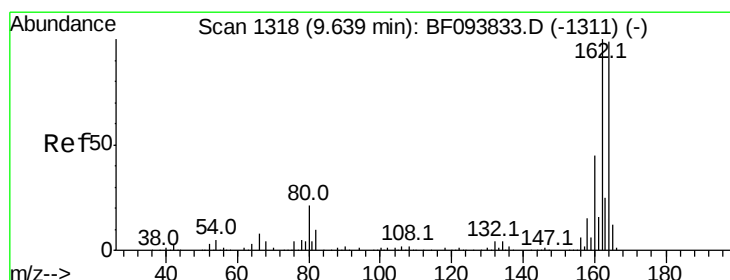
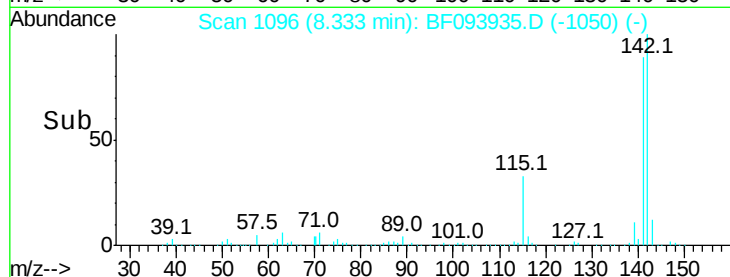
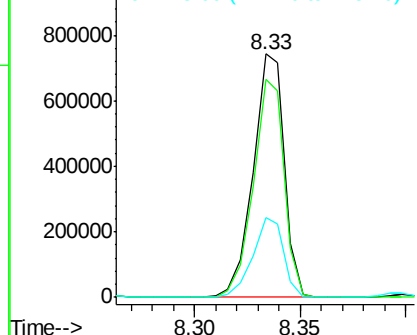
142 100

141 89.4 71.3 106.9

115 33.0 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: 9.61 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

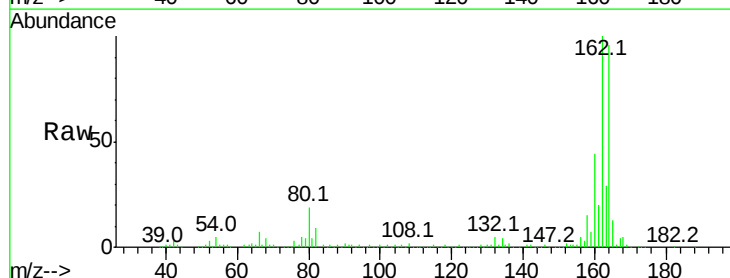
Tgt Ion:164 Resp: 281329

Ion Ratio Lower Upper

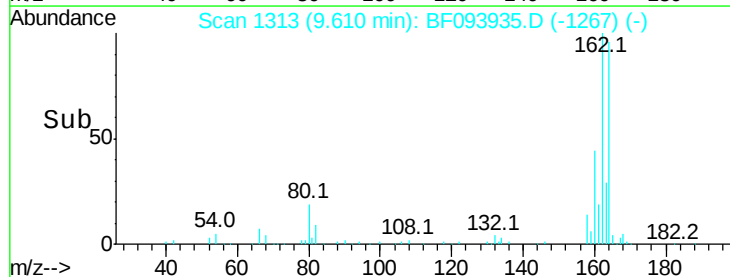
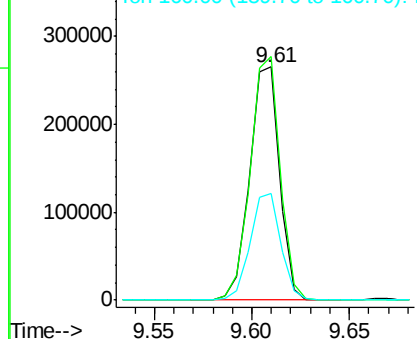
164 100

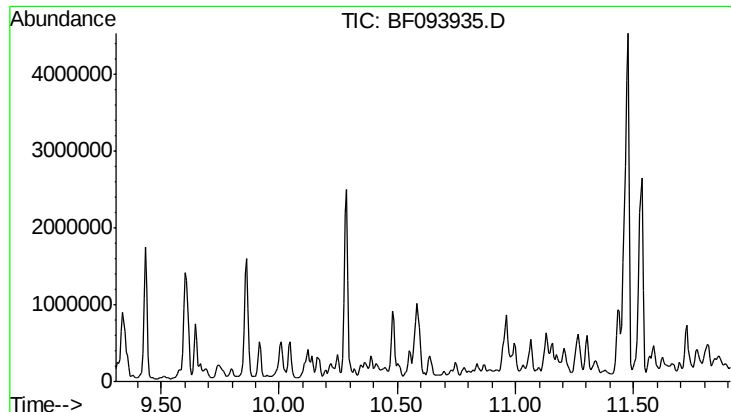
162 104.5 82.6 123.8

160 46.0 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

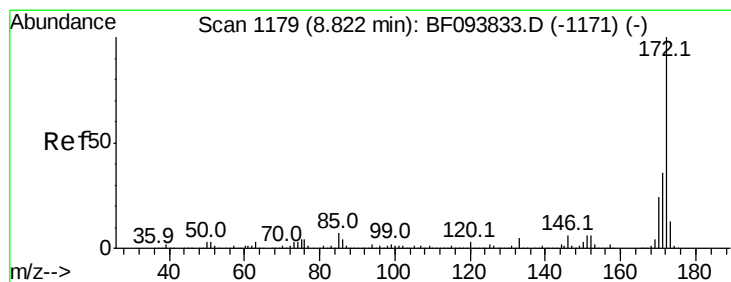
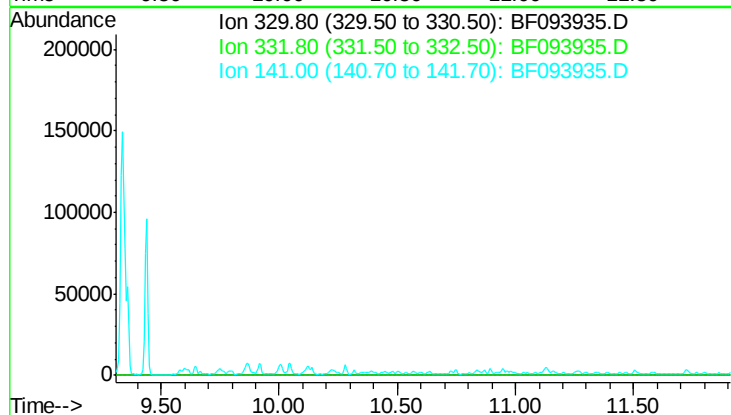




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

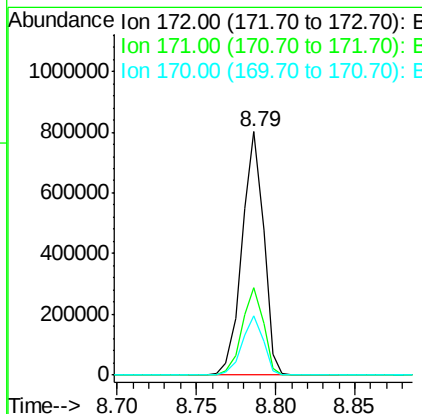
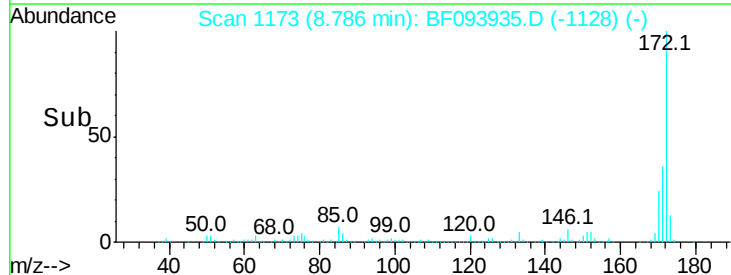
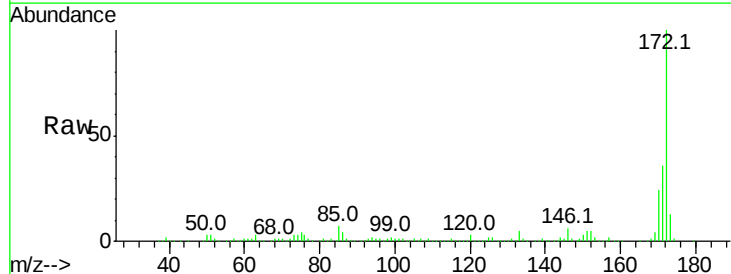
Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-12

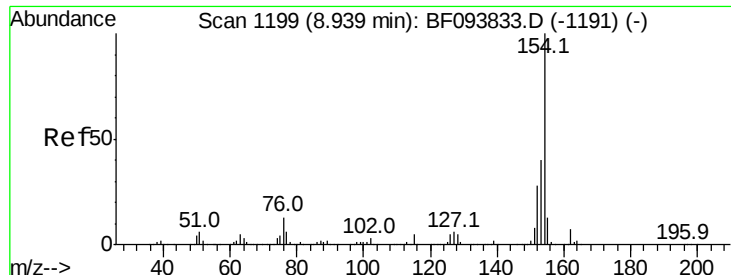
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 40.82 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

Tgt Ion: 172 Resp: 752953
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 19.8 29.8

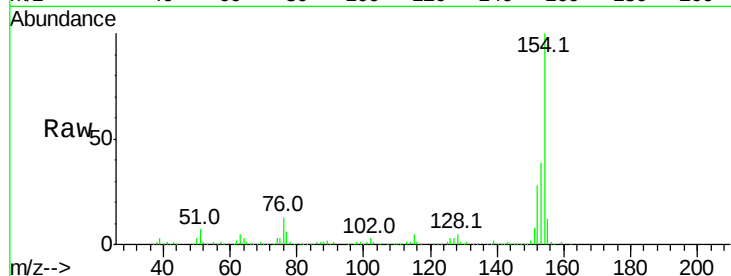




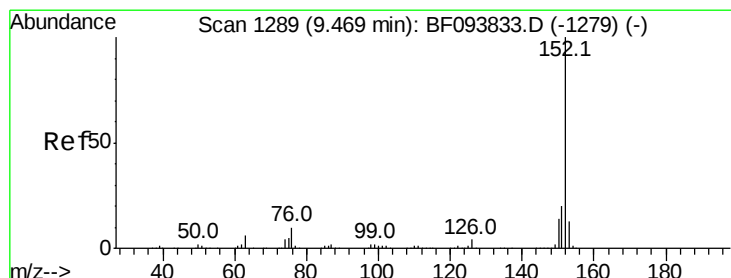
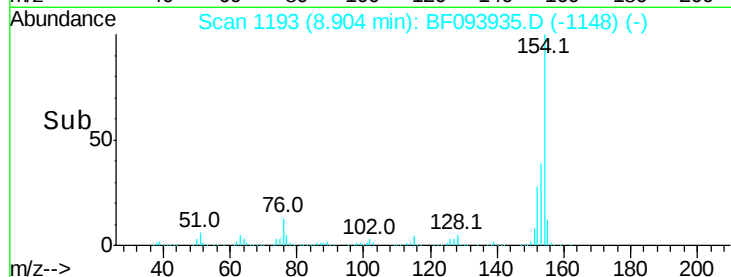
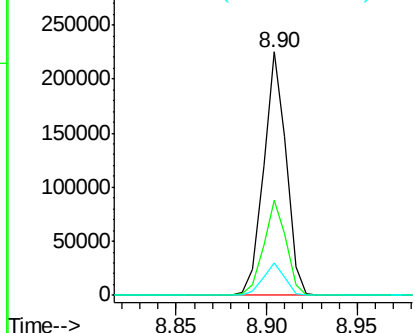
#45
 1,1'-Biphenyl
 Concen: 8.56 ng
 RT: 8.90 min Scan# 1193
 Delta R.T. -0.04 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-12

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.2	61.2
76	13.1	0.0	29.9

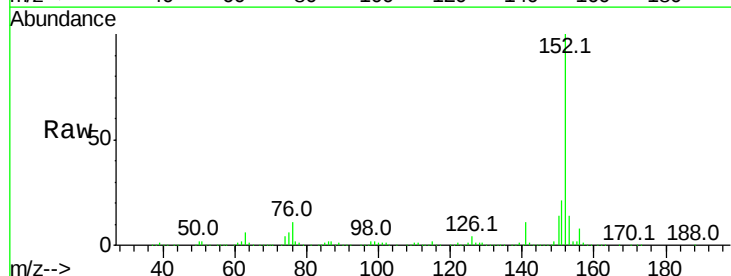


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

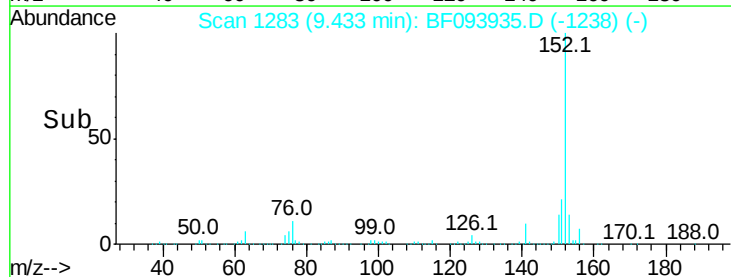
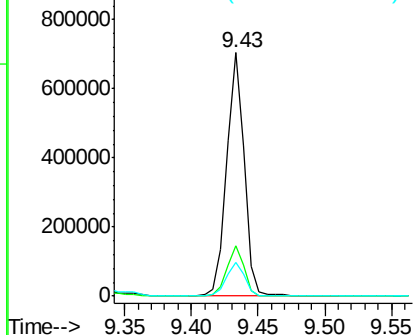


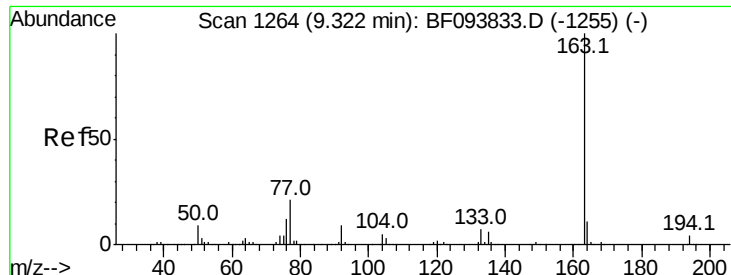
#48
 Acenaphthylene
 Concen: 22.27 ng
 RT: 9.43 min Scan# 1283
 Delta R.T. -0.04 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.9	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

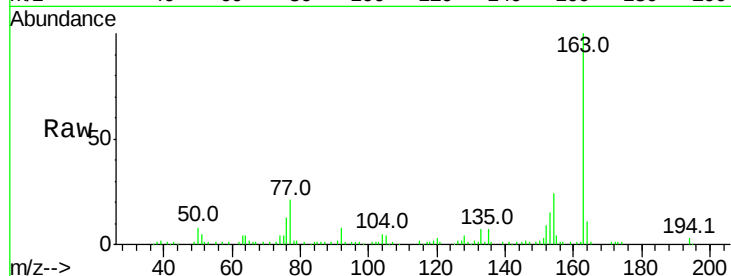




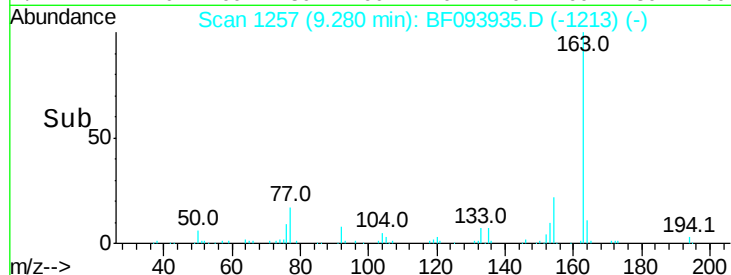
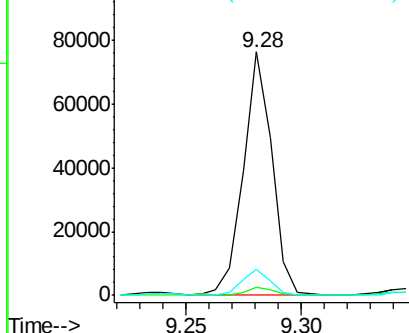
#49
Dimethylphthalate
Concen: 3.31 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Instrument :
BNA_F
ClientSampleId :
WC-COMP-12

Tot Ion:163 Resp: 66179
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.8 8.4 12.6

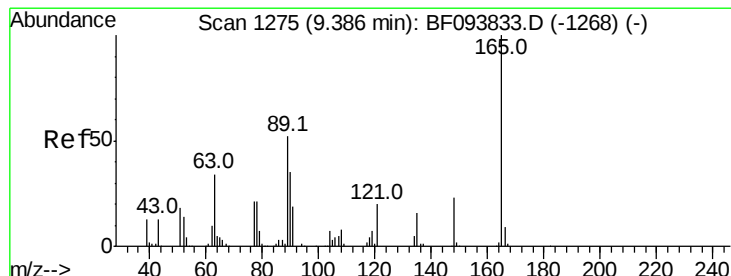


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

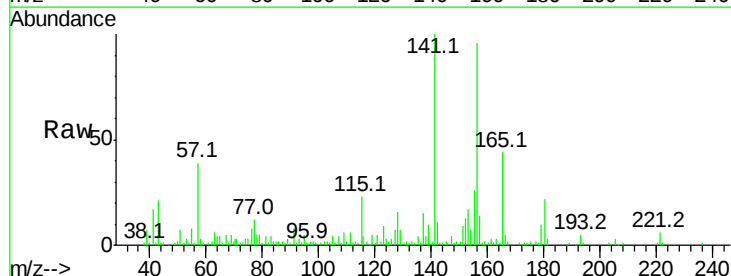
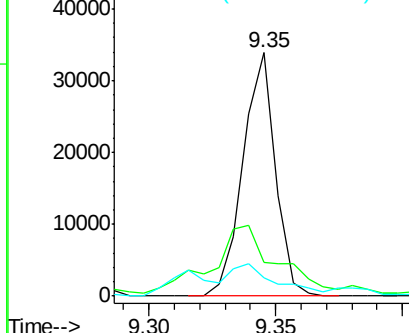


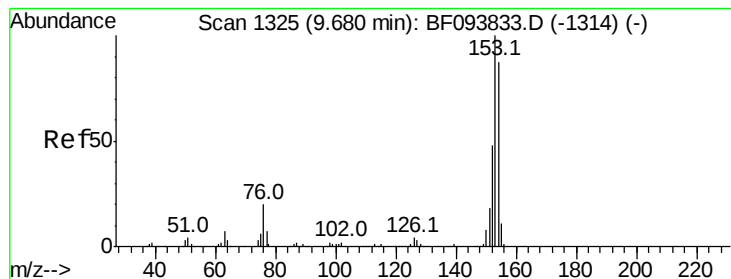
#50
2,6-Dinitrotoluene
Concen: 6.59 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Tgt Ion:165 Resp: 30227
Ion Ratio Lower Upper
165 100
63 14.0 34.3 51.5#
89 7.5 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 8.28 ng

RT: 9.65 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

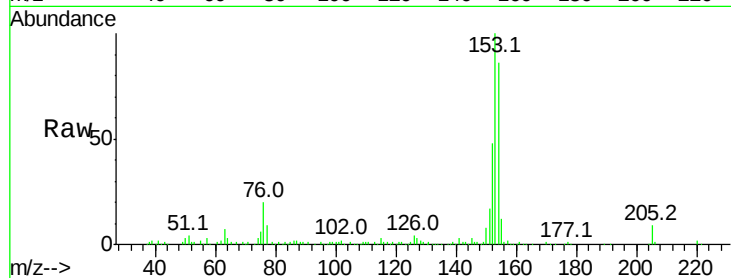
Tot Ion:154 Resp: 142669

Ion Ratio Lower Upper

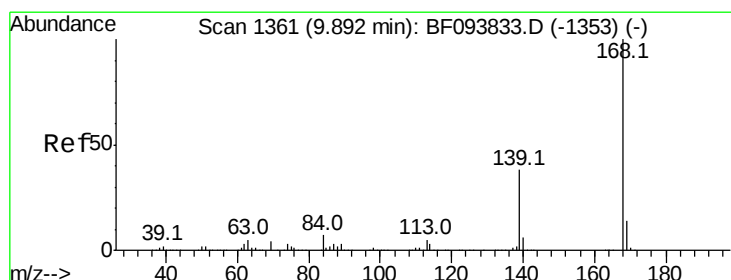
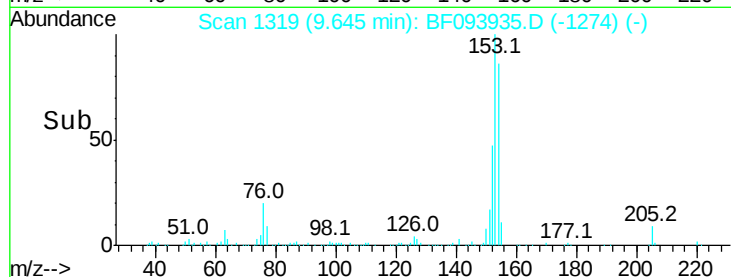
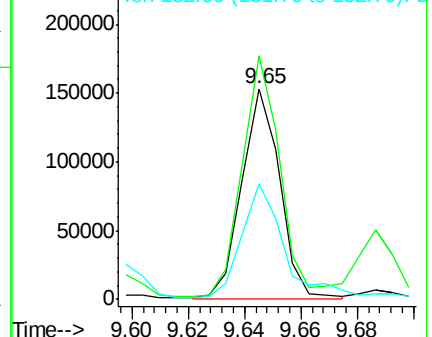
154 100

153 115.7 90.5 135.7

152 55.2 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: 25.19 ng

RT: 9.86 min Scan# 1356

Delta R.T. -0.03 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

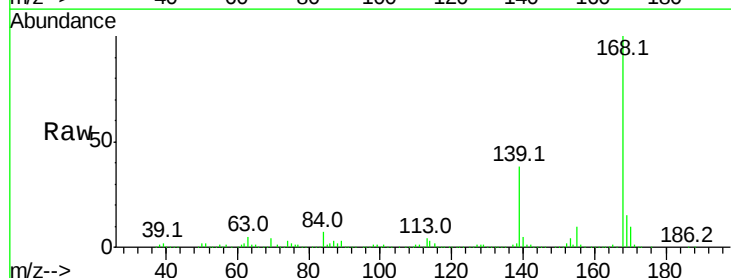
Tgt Ion:168 Resp: 590759

Ion Ratio Lower Upper

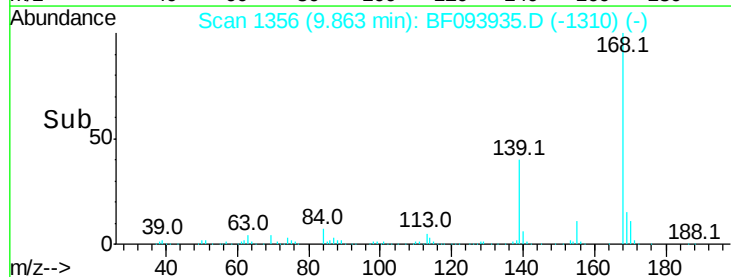
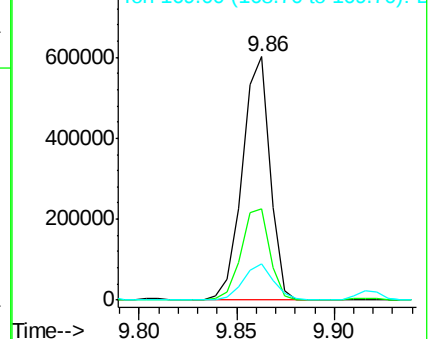
168 100

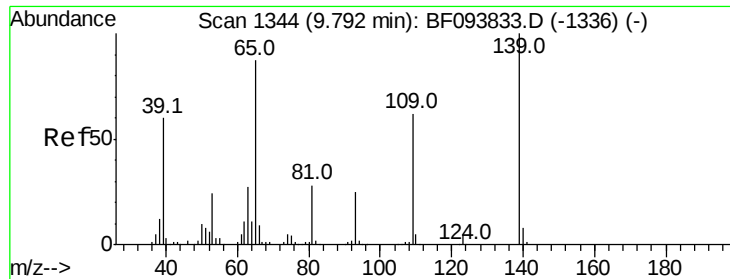
139 37.5 30.6 45.8

169 14.7 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

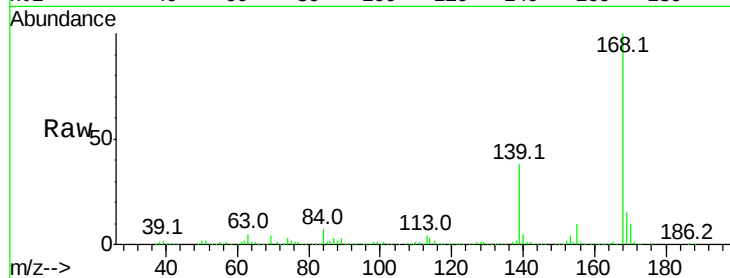




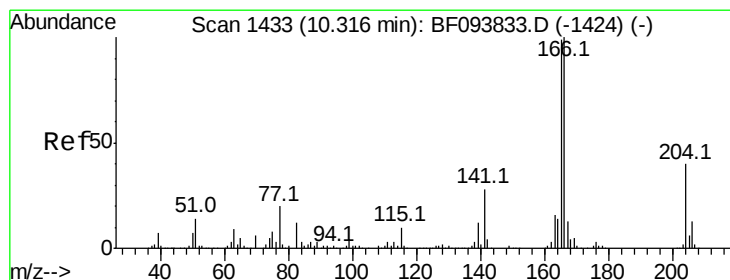
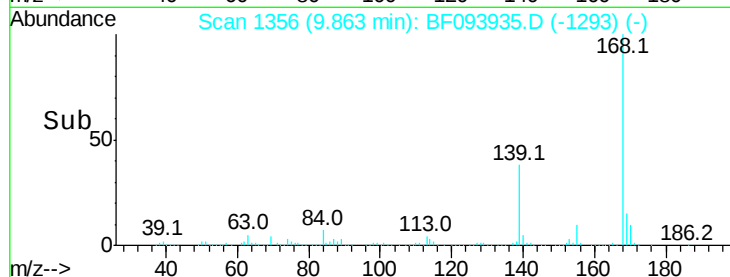
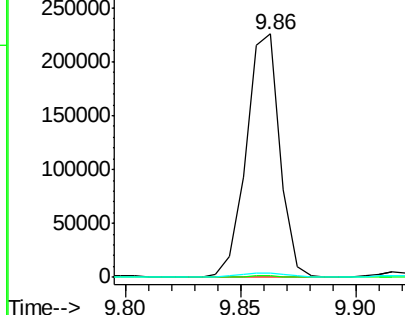
#55
4-Nitrophenol
Concen: 54.48 ng
RT: 9.86 min Scan# 1356
Delta R.T. 0.07 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Instrument :
BNA_F
ClientSampleId :
WC-COMP-12

Tot Ion:139 Resp: 229668
Ion Ratio Lower Upper
139 100
109 0.9 34.1 74.1#
65 1.7 31.4 71.4#

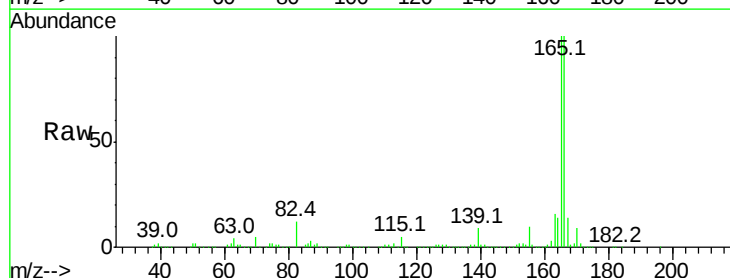


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

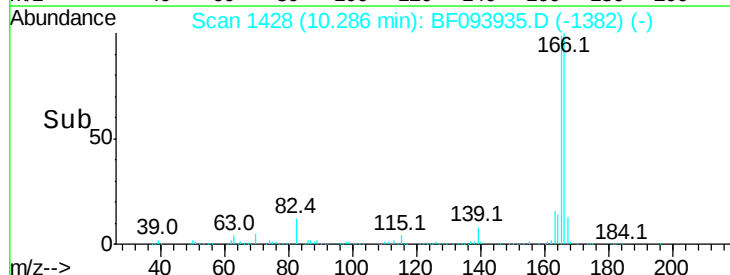
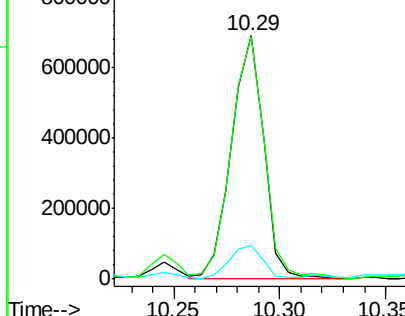


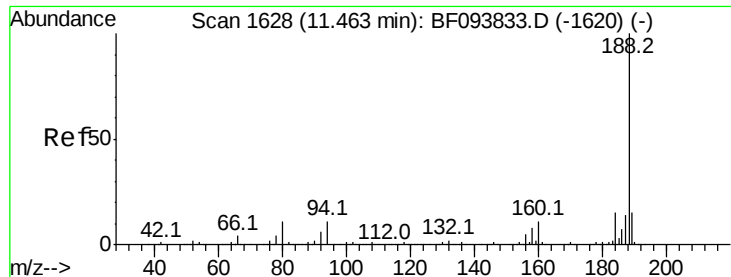
#57
Fluorene
Concen: 37.30 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Tgt Ion:166 Resp: 725313
Ion Ratio Lower Upper
166 100
165 99.6 78.8 118.2
167 13.7 10.6 16.0



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

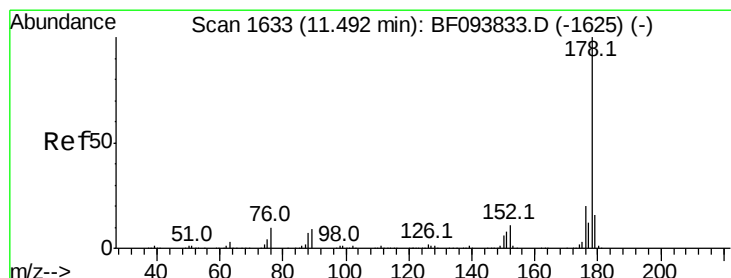
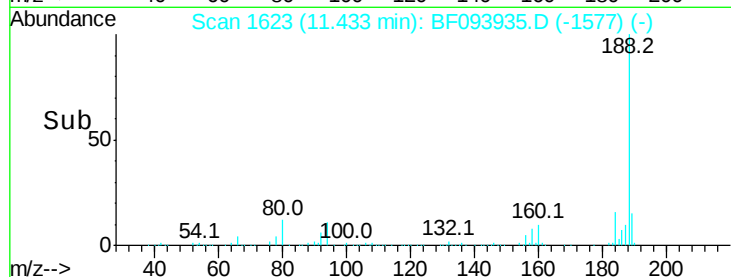
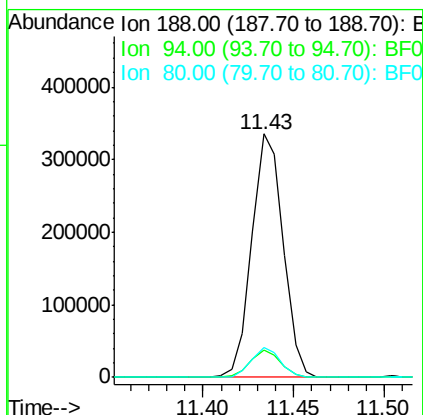
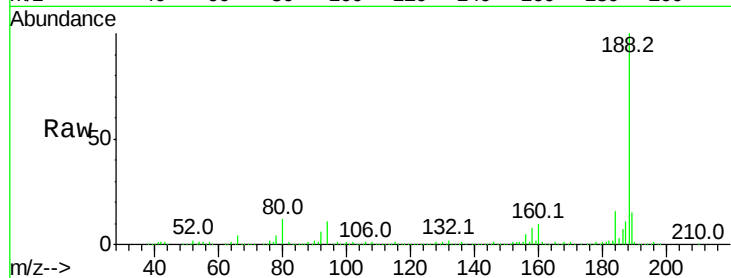




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.03 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

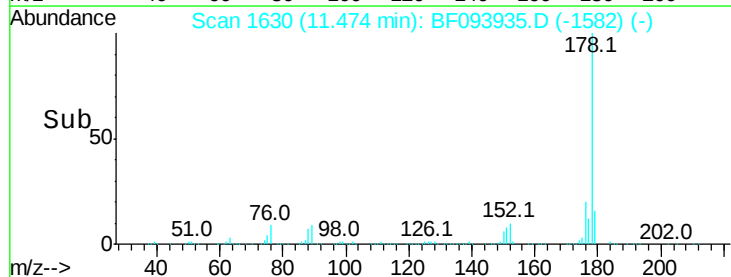
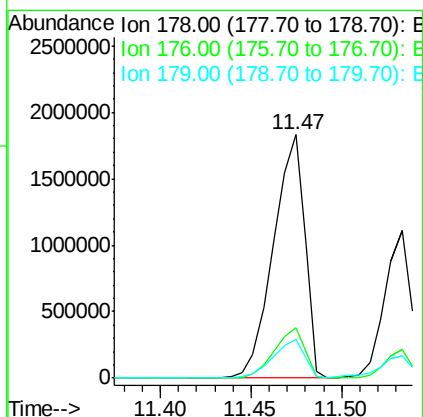
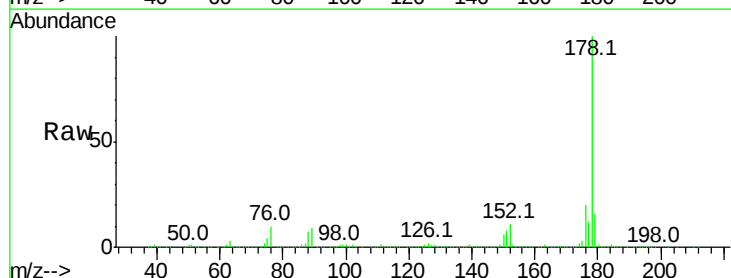
Instrument :
BNA_F
ClientSampleId :
WC-COMP-12

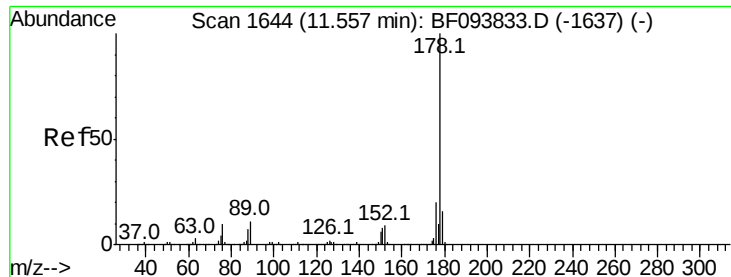
Tot Ion:188 Resp: 402660
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.4 10.2 15.2



#70
Phenanthrene
Concen: 98.38 ng
RT: 11.47 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Tgt Ion:178 Resp: 2203724
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.0 12.6 19.0

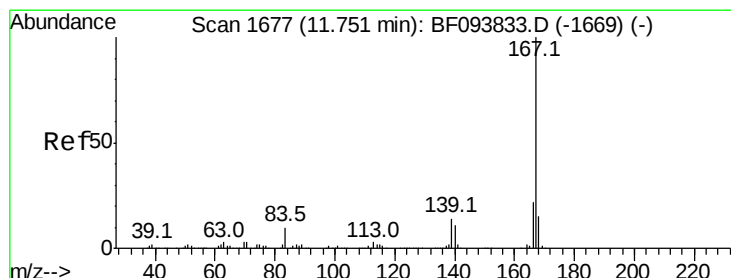
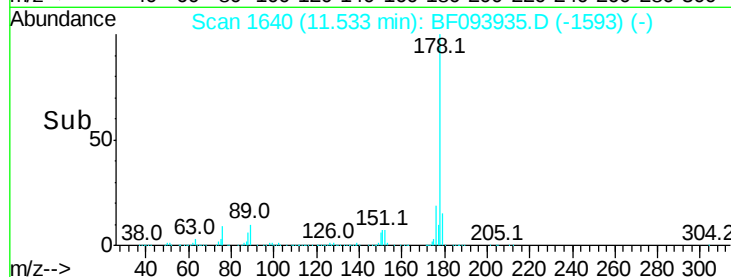
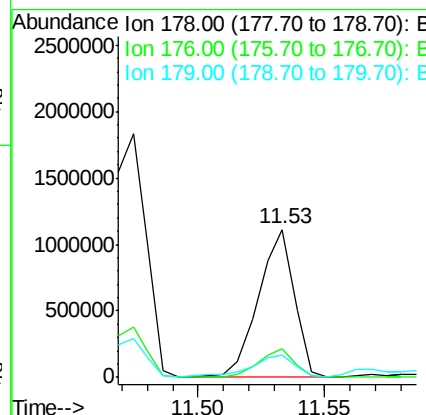
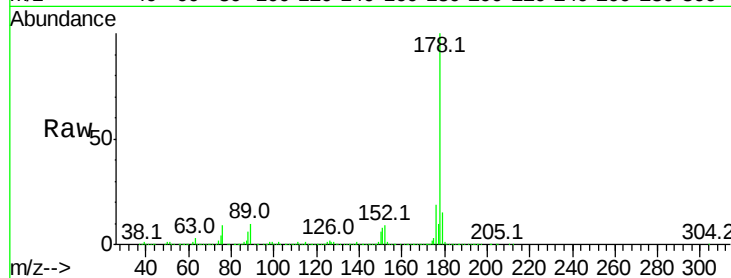




#71
 Anthracene
 Concen: 47.38 ng
 RT: 11.53 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

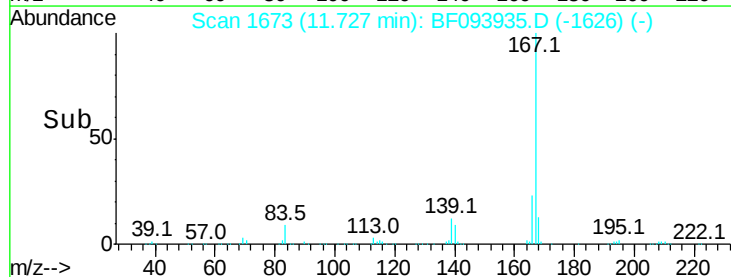
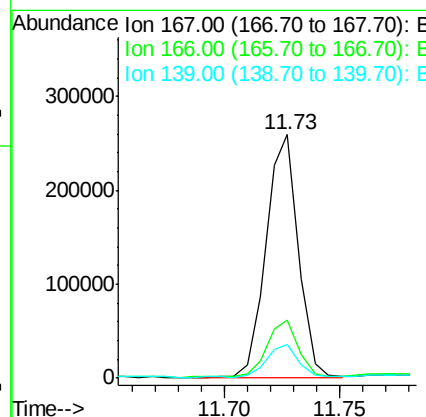
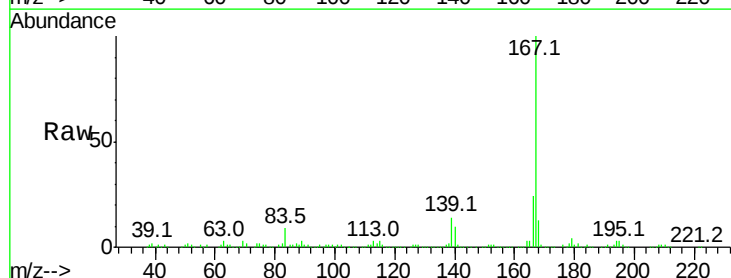
Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-12

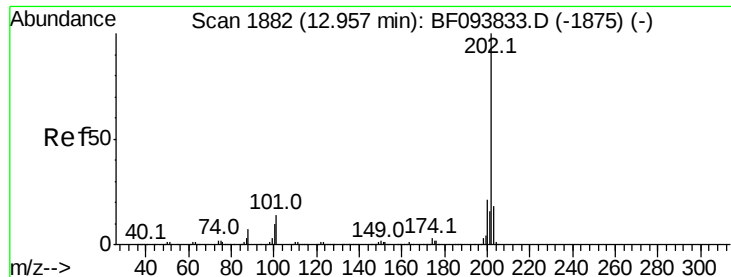
Tot Ion:178 Resp: 1092614
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 10.59 ng
 RT: 11.73 min Scan# 1673
 Delta R.T. -0.02 min
 Lab File: BF093935.D
 Acq: 25 Mar 2017 4:25

Tgt Ion:167 Resp: 250554
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.1 27.1
 139 13.7 11.7 17.5

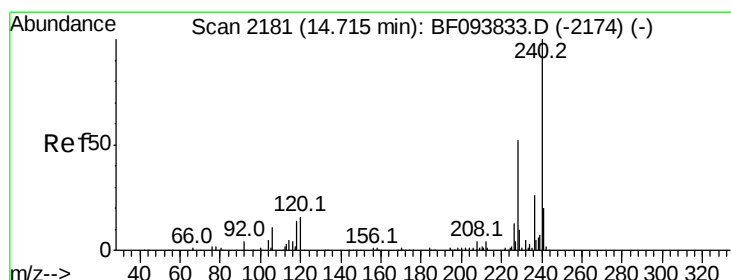
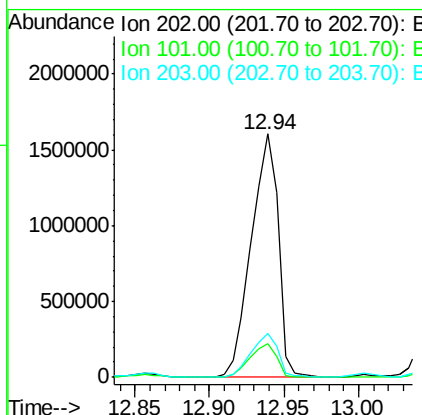
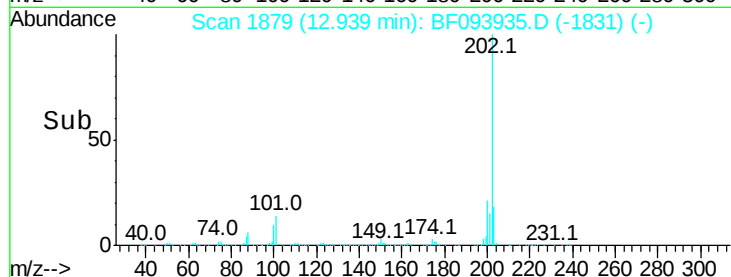
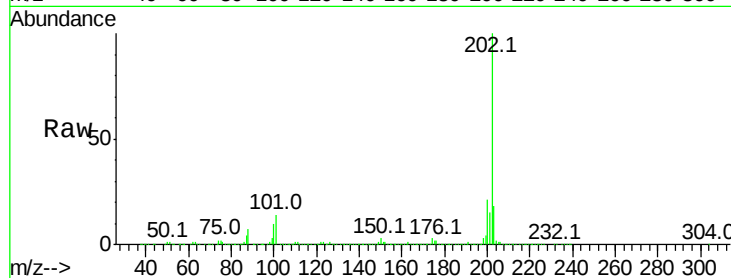




#74
Fluoranthene
Concen: 86.43 ng
RT: 12.94 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

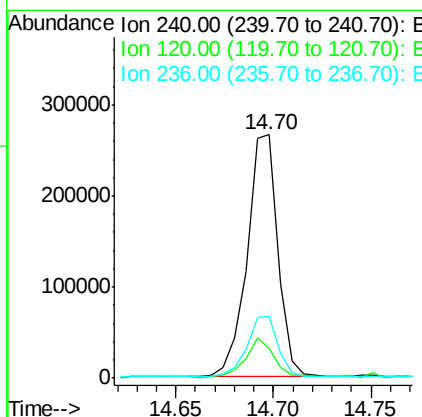
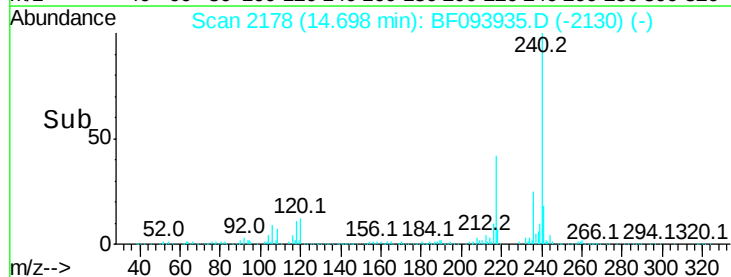
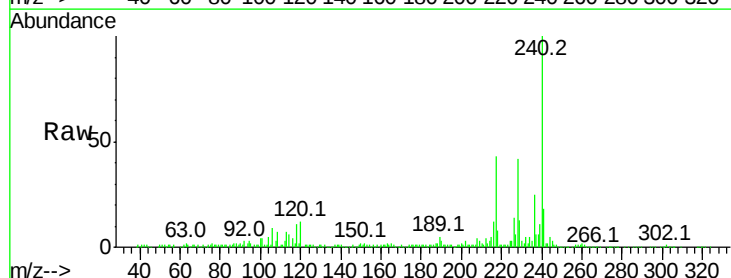
Instrument :
BNA_F
ClientSampleId :
WC-COMP-12

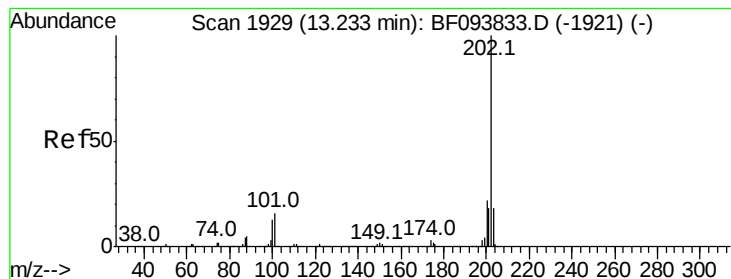
Tot Ion:202 Resp: 1982295
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 18.2 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Tgt Ion:240 Resp: 291376
Ion Ratio Lower Upper
240 100
120 12.2 5.8 8.8#
236 25.3 20.5 30.7





#77

Pvrene

Concen: 96.54 ng

RT: 13.22 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

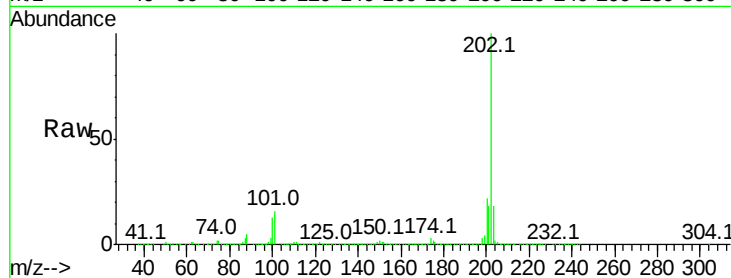
Tot Ion:202 Resp: 2041440

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

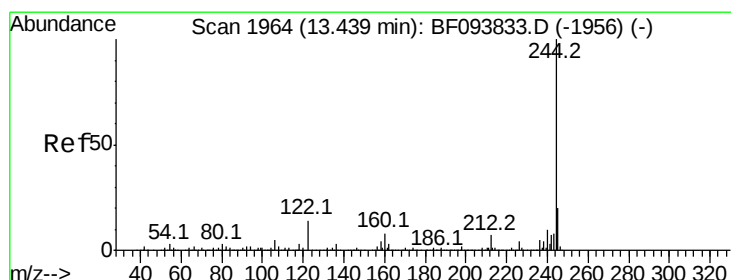
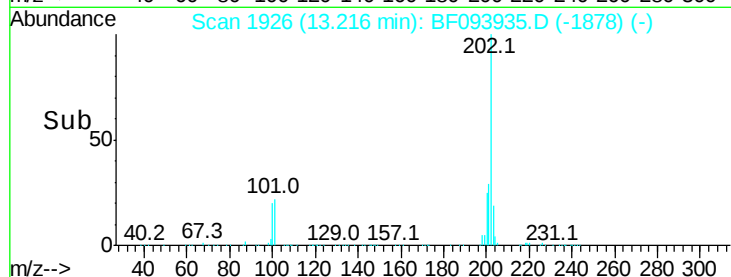
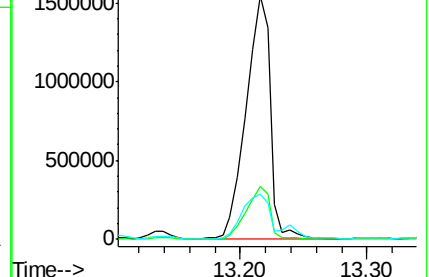
203 18.3 14.4 21.6



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: 32.93 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

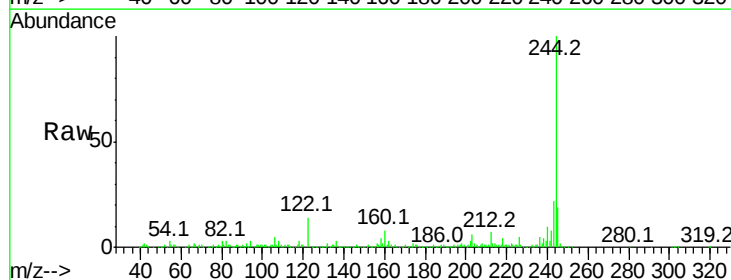
Tgt Ion:244 Resp: 428024

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

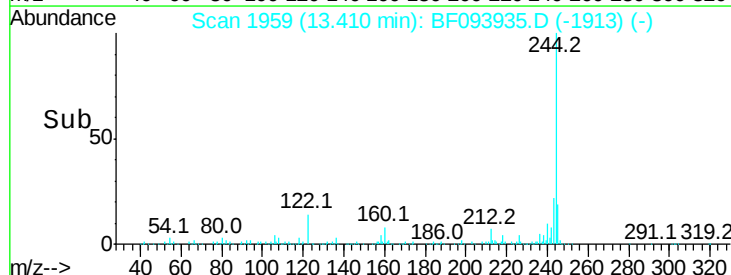
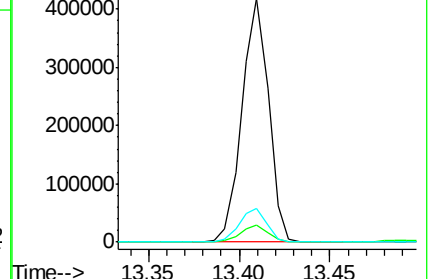
122 14.1 10.3 15.5

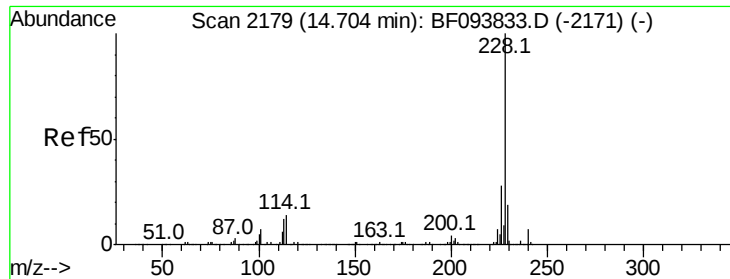


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 59.80 ng

RT: 14.69 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

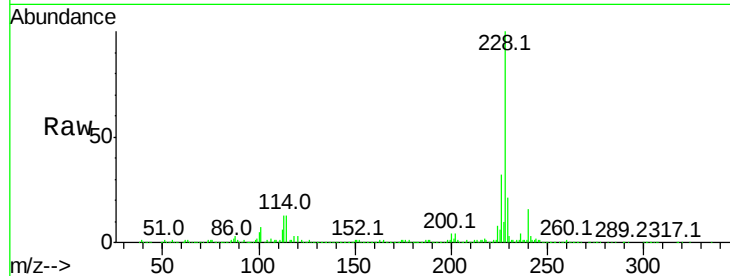
Tot Ion:228 Resp: 1016046

Ion Ratio Lower Upper

228 100

226 31.7 22.6 33.8

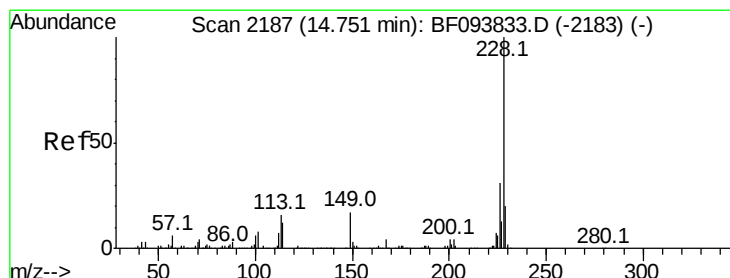
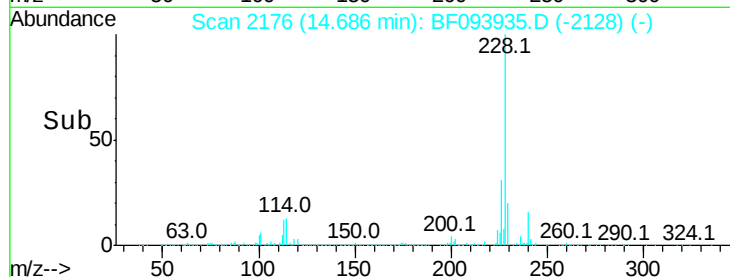
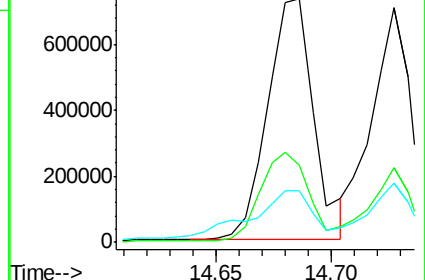
229 21.3 16.3 24.5



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



#82

Chrysene

Concen: 64.44 ng

RT: 14.69 min Scan# 2176

Delta R.T. -0.06 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

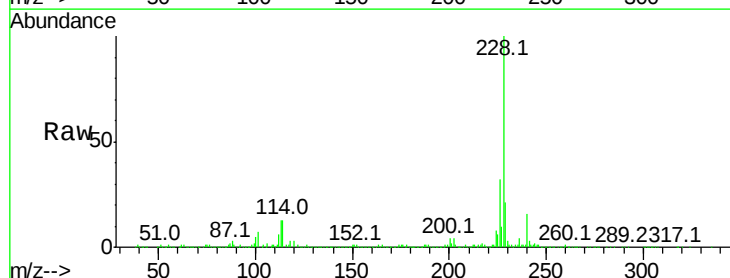
Tgt Ion:228 Resp: 1016046

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

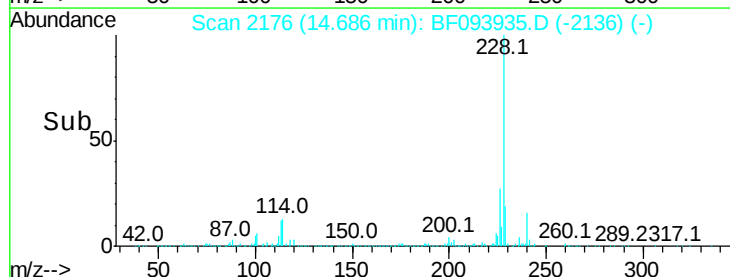
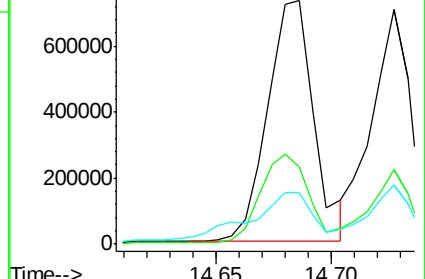
229 21.3 15.8 23.6

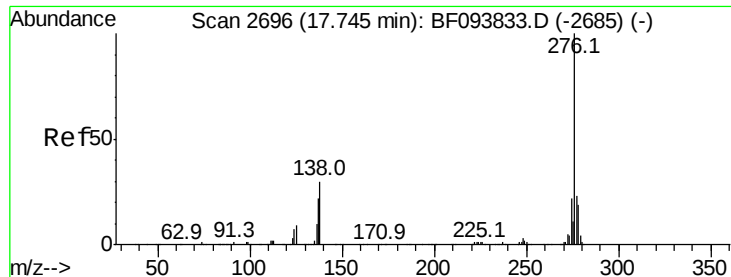


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

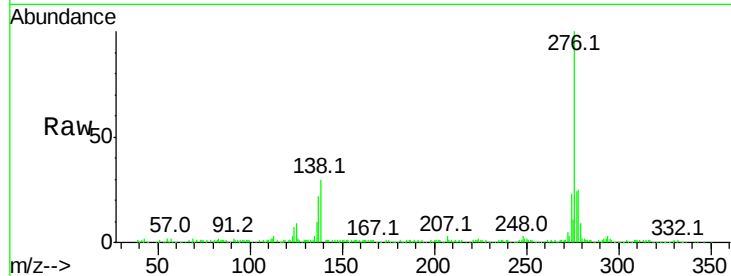




#85
Indeno(1,2,3-cd)pyrene
Concen: 20.75 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.03 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Instrument :
BNA_F
ClientSampleId :
WC-COMP-12

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	25.3	20.2	30.4

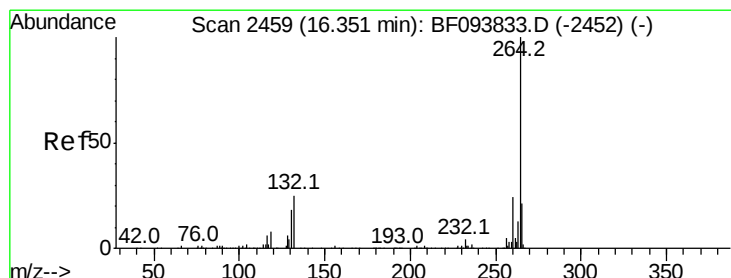
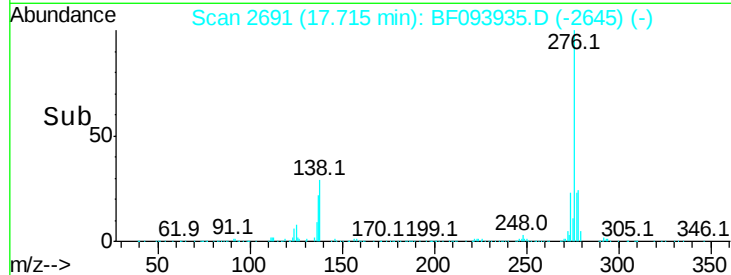
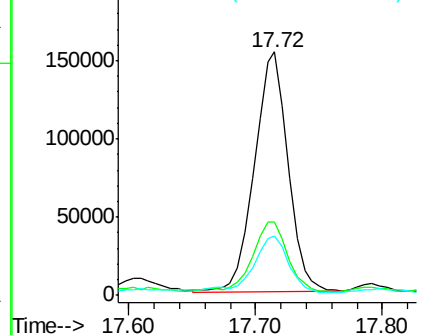


Abundance

Ion 276.00 (275.70 to 276.70): E

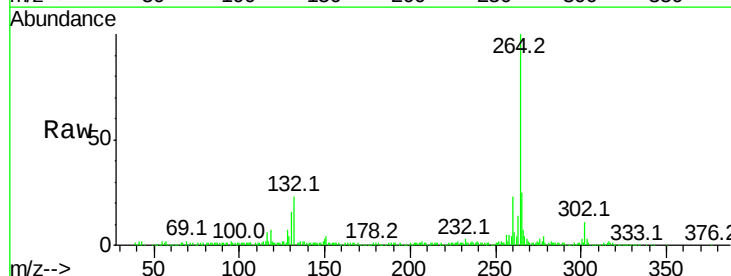
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF093935.D
Acq: 25 Mar 2017 4:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	24.6	17.2	25.8

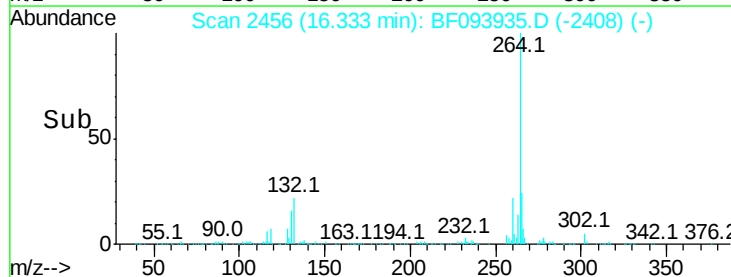
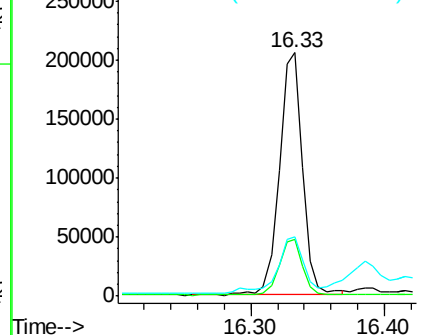


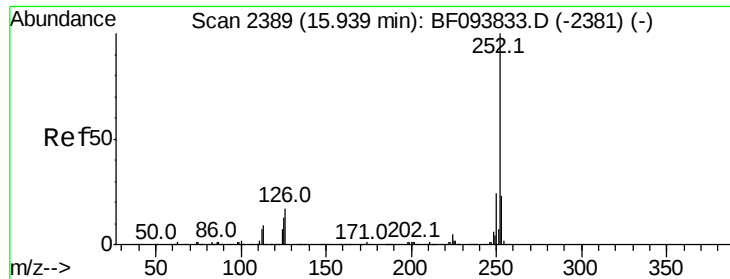
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 71.23 ng

RT: 15.92 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

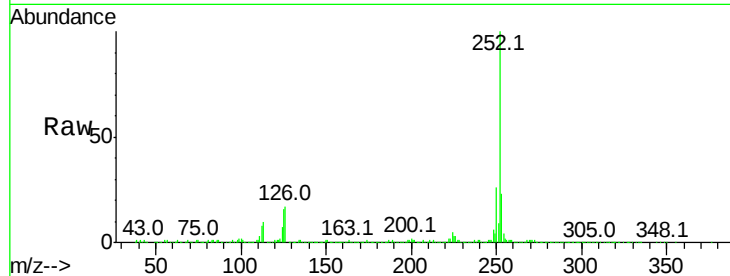
Tot Ion:252 Resp: 1091381

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

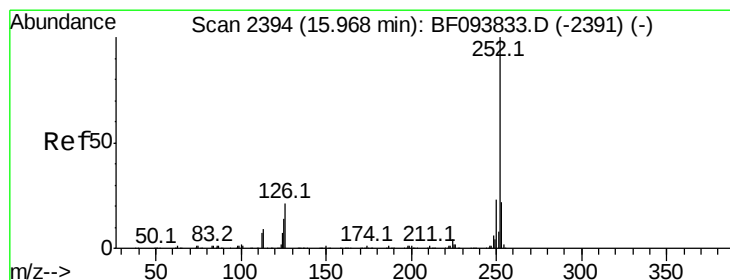
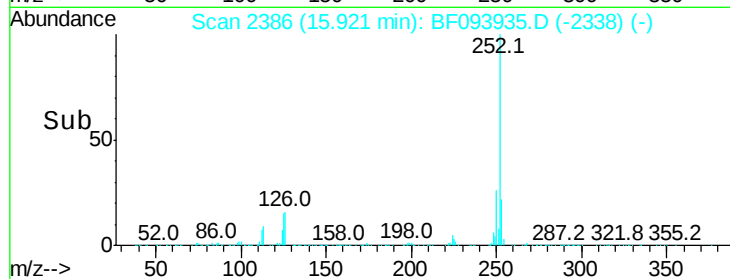
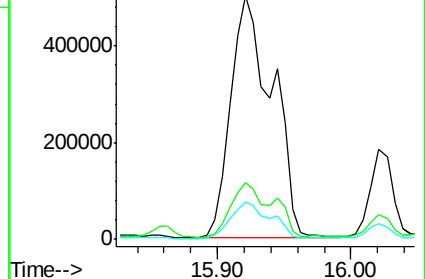
125 15.7 9.8 14.8#



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: 72.80 ng

RT: 15.92 min Scan# 2386

Delta R.T. -0.05 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

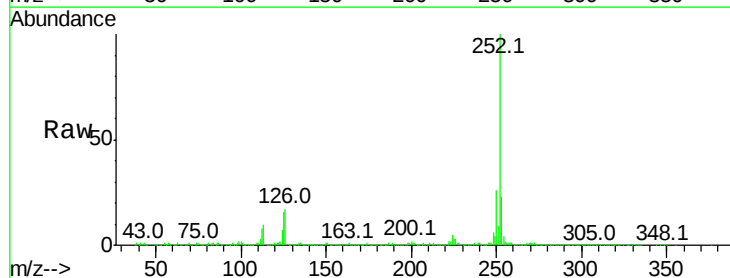
Tgt Ion:252 Resp: 1091381

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

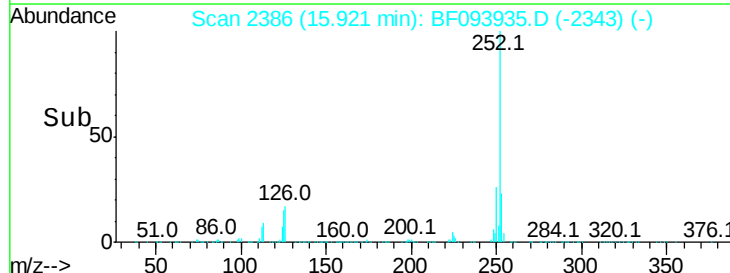
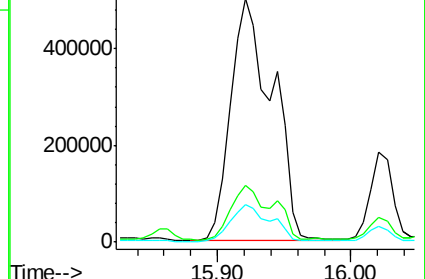
125 15.7 13.1 19.7

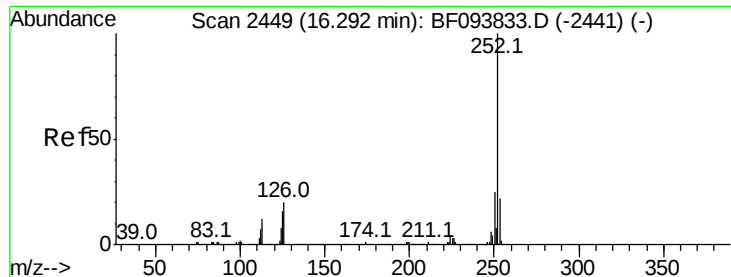


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.35 ng

RT: 16.27 min Scan# 2446

Delta R.T. -0.02 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

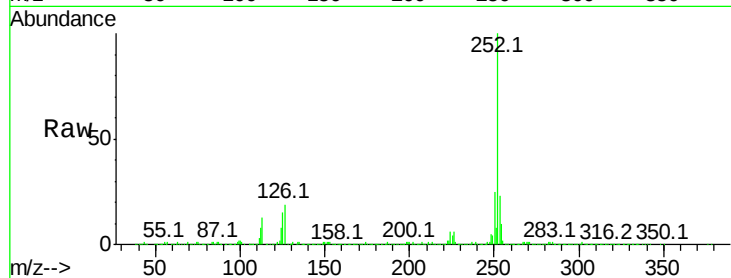
Tot Ion:252 Resp: 653993

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

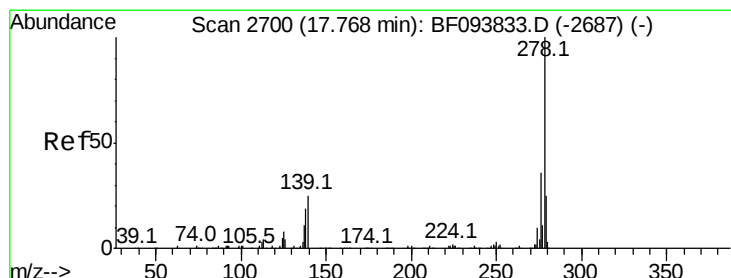
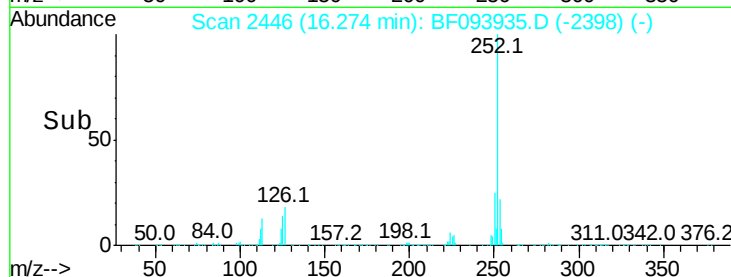
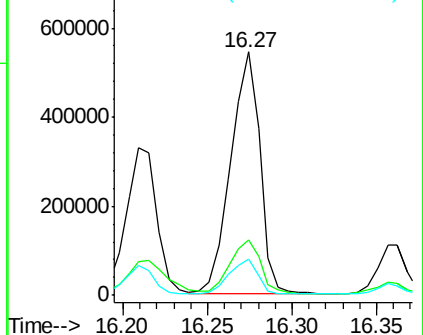
125 14.8 11.0 16.4



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: 6.57 ng

RT: 17.73 min Scan# 2693

Delta R.T. -0.04 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

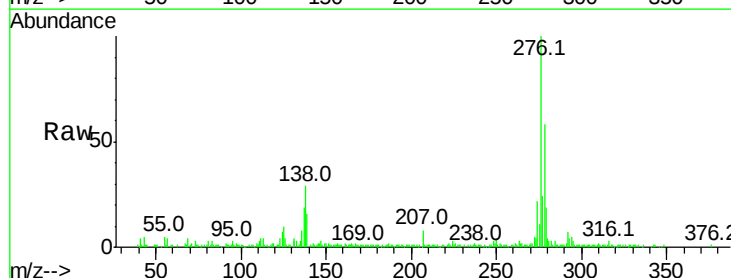
Tgt Ion:278 Resp: 78561

Ion Ratio Lower Upper

278 100

139 27.5 16.6 24.8#

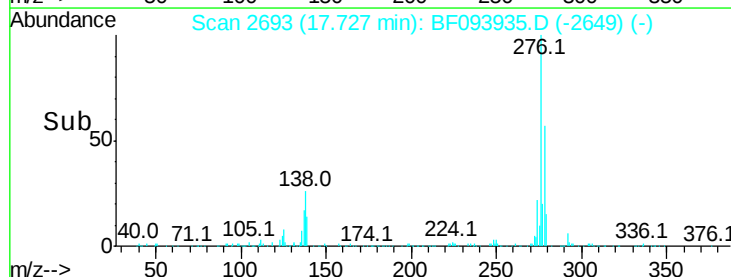
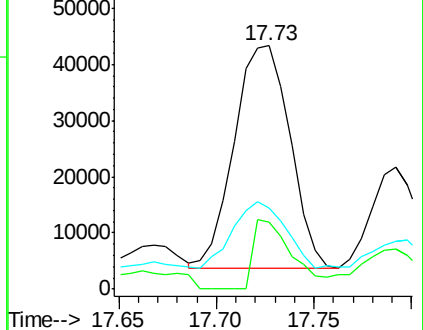
279 33.4 19.3 28.9#

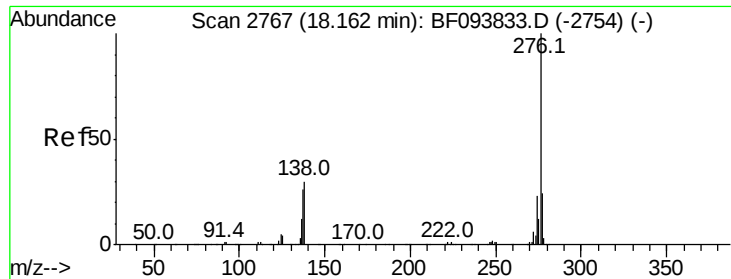


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 22.20 ng

RT: 18.12 min Scan# 2760

Delta R.T. -0.04 min

Lab File: BF093935.D

Acq: 25 Mar 2017 4:25

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12

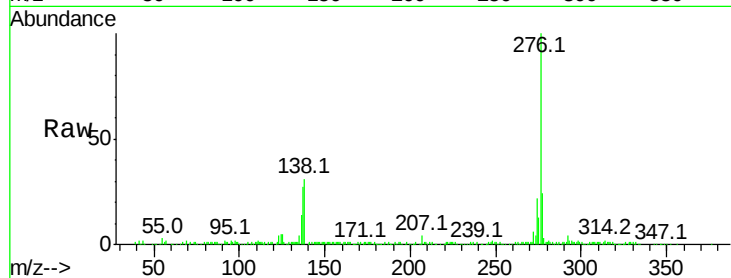
Tot Ion:276 Resp: 267356

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 30.8 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

