

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094031.D
 Acq On : 29 Mar 2017 21:07
 Operator : SJ/MA
 Sample : I2443-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-WSW

Quant Time: Mar 30 01:11:02 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	5.92	152	168439	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	677659	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	306418	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	515998	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	340887	20.00	ng	-0.04
86) Perylene-d12	16.27	264	280305	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1111768	111.48	ng	-0.02
7) Phenol-d6	5.52	99	1396078	113.16	ng	-0.03
23) Nitrobenzene-d5	6.57	82	856277	72.11	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	282893	116.83	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1198321	59.65	ng	-0.04
78) Terphenyl-d14	13.37	244	835251	54.92	ng	-0.04

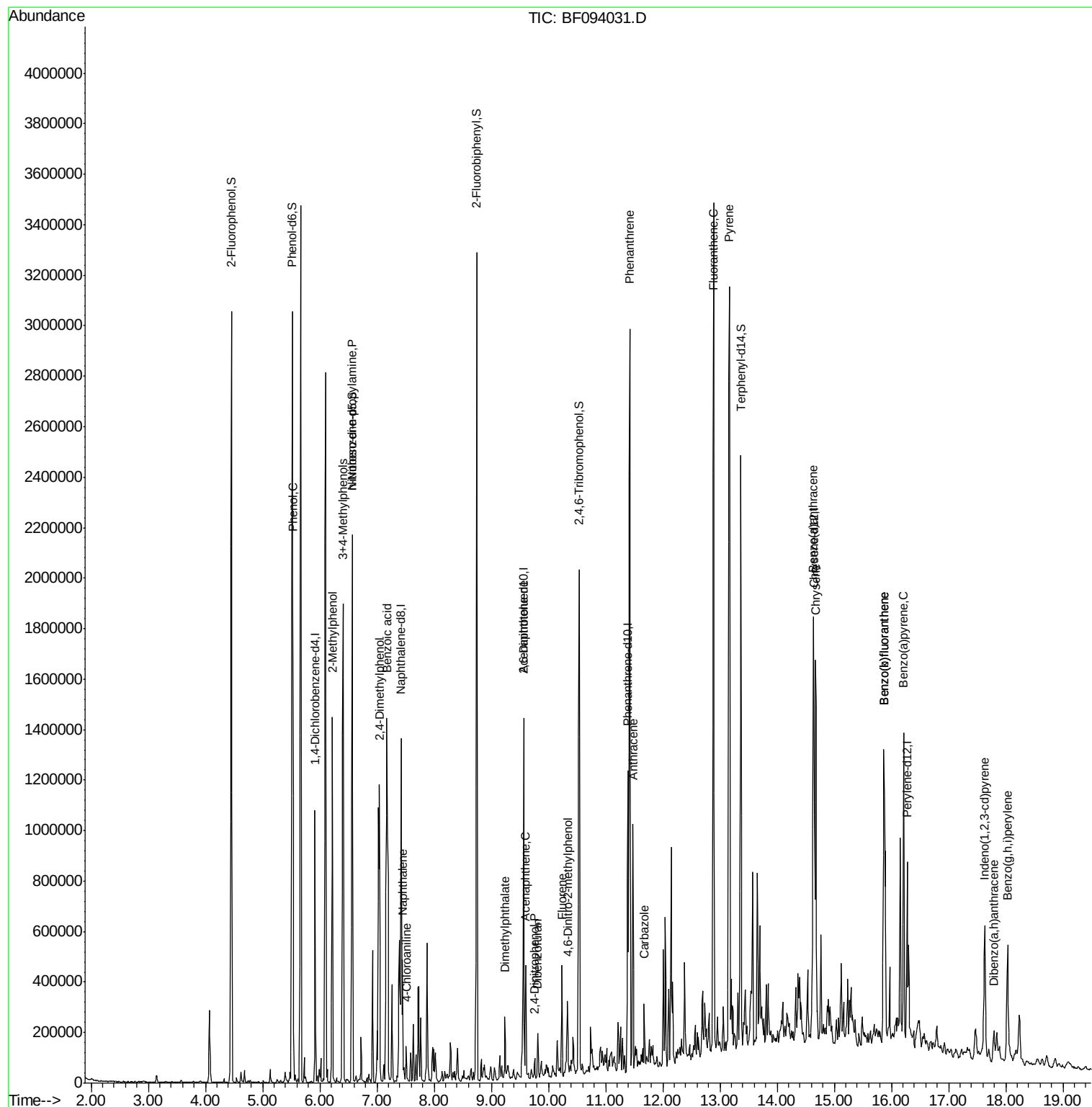
Target Compounds				Qvalue		
10) Phenol	5.53	94	259814	18.51	ng	89
17) 2-Methylphenol	6.22	107	282586	30.10	ng	97
19) n-Nitroso-di-n-propylamine	6.57	70	112476	14.19	ng	# 76
20) 3+4-Methylphenols	6.40	107	554122	48.74	ng	# 62
27) 2,4-Dimethylphenol	7.05	122	400604	41.63	ng	# 91
31) Naphthalene	7.45	128	217691	6.68	ng	100
32) Benzoic acid	7.17	122	455870	71.16	ng	# 23
33) 4-Chloroaniline	7.51	127	28608	2.17	ng	99
49) Dimethylphthalate	9.24	163	99693	4.58	ng	100
50) 2,6-Dinitrotoluene	9.56	165	40348	8.08	ng	# 35
51) Acenaphthene	9.60	154	106544	5.68	ng	97
53) 2,4-Dinitrophenol	9.76	184	107	4.70	ng	# 1
54) Dibenzofuran	9.81	168	63003	2.47	ng	98
57) Fluorene	10.23	166	119520	5.64	ng	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	35539	11.25	ng	# 18
70) Phenanthrene	11.42	178	1271937	44.31	ng	99
71) Anthracene	11.48	178	404468	13.69	ng	97
72) Carbazole	11.67	167	109878	3.63	ng	97
74) Fluoranthene	12.89	202	1814971	61.75	ng	100
77) Pyrene	13.17	202	1683573	68.05	ng	99
80) Benzo(a)anthracene	14.63	228	709136	35.67	ng	99
82) Chrysene	14.67	228	661563	35.86	ng	96
85) Indeno(1,2,3-cd)pyrene	17.63	276	336759	21.08	ng	92
87) Benzo(b)fluoranthene	15.87	252	936898	54.53	ng	98
88) Benzo(k)fluoranthene	15.87	252	936898	55.73	ng	98
89) Benzo(a)pyrene	16.22	252	550466	34.79	ng	98
90) Dibenzo(a,h)anthracene	17.79	278	65347	4.88	ng	97
91) Benzo(g,h,i)perylene	18.03	276	326783	24.20	ng	99

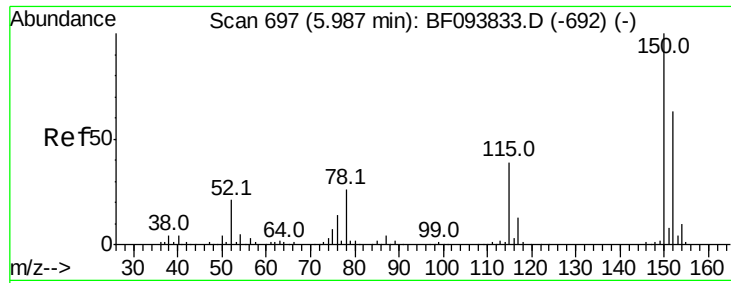
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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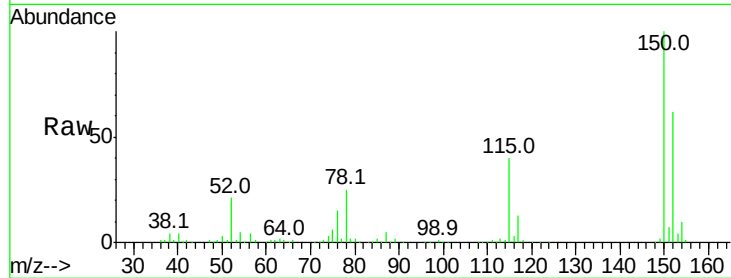


#1

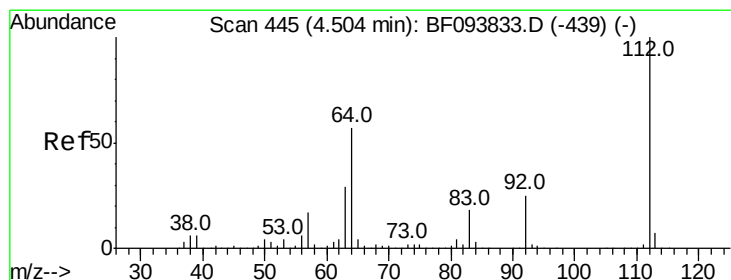
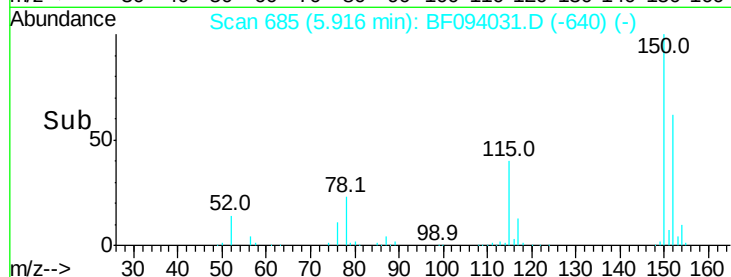
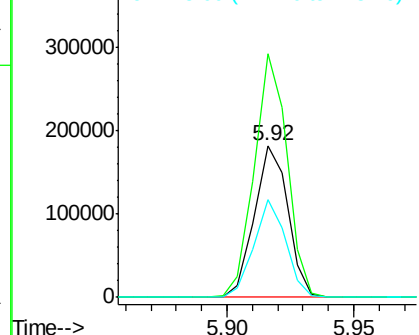
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

Tot Ion:152 Resp: 168439
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 64.4 52.2 78.2



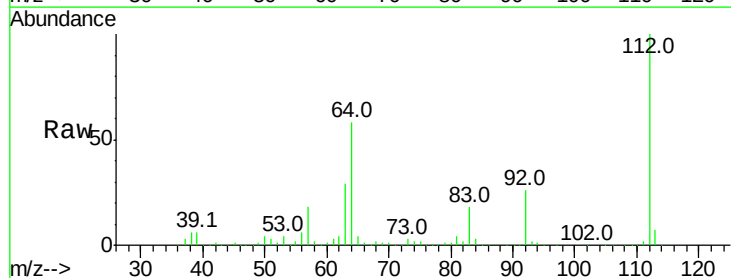
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



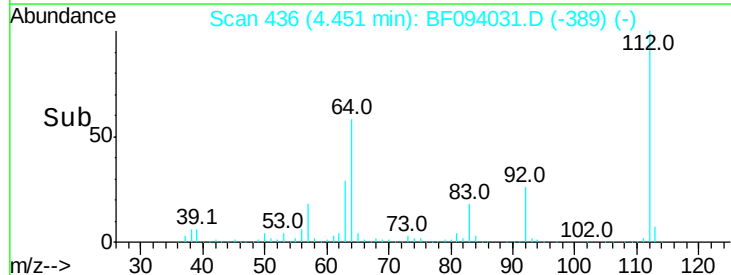
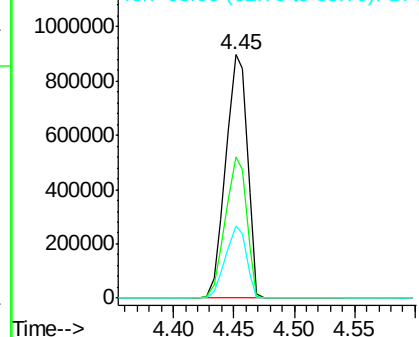
#5

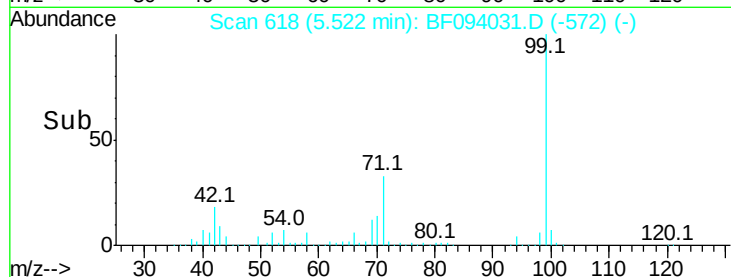
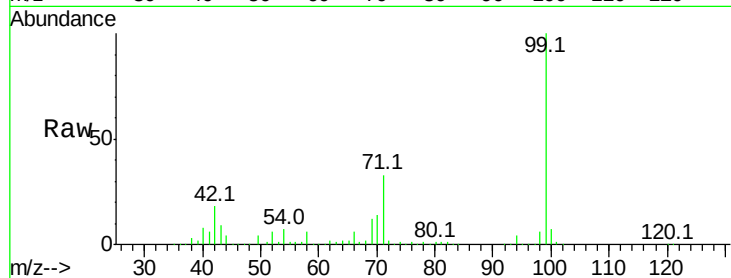
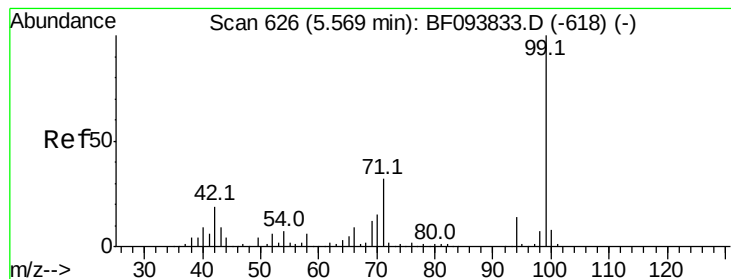
2-Fluorophenol
Concen: 111.48 ng
RT: 4.45 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion:112 Resp: 1111768
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.5 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: 113.16 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

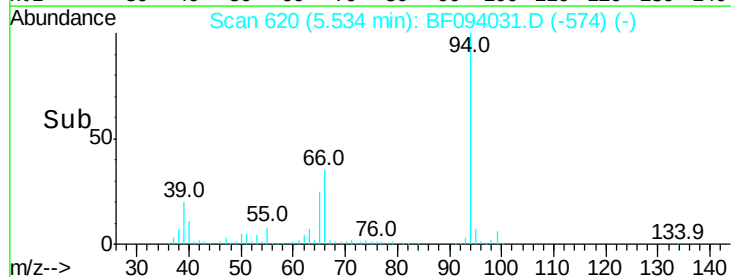
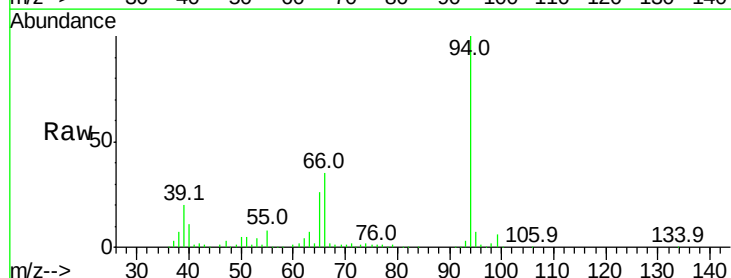
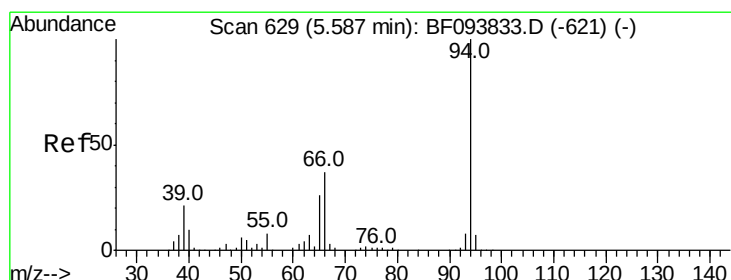
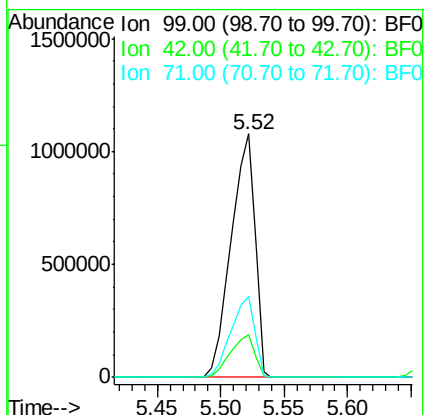
Tot Ion: 99 Resp: 1396078

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 33.5 24.5 36.7



#10

Phenol

Concen: 18.51 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

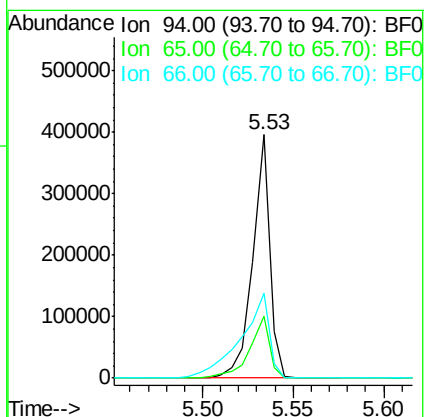
Tgt Ion: 94 Resp: 259814

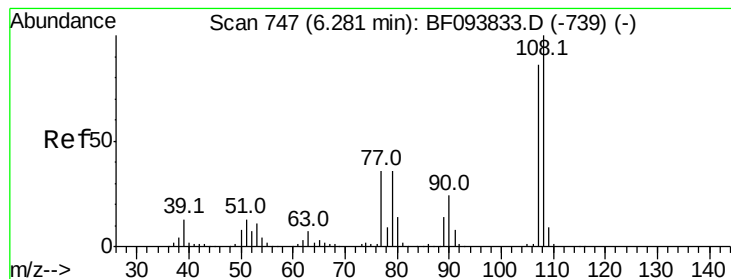
Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

66 34.7 23.1 63.1





#17

2-Methylphenol

Concen: 30.10 ng

RT: 6.22 min Scan# 736

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

Tot Ion:107 Resp: 282586

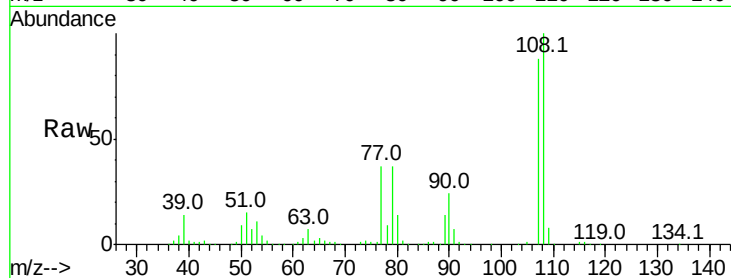
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 42.2 35.8 53.6

79 42.4 34.8 52.2

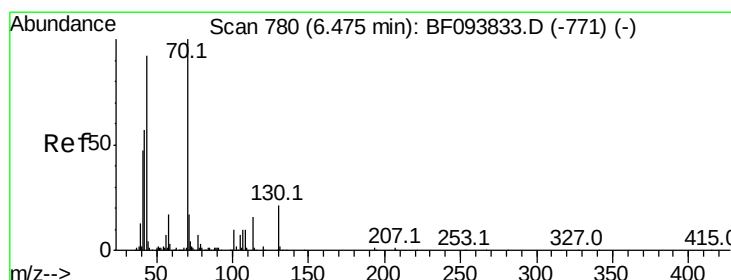
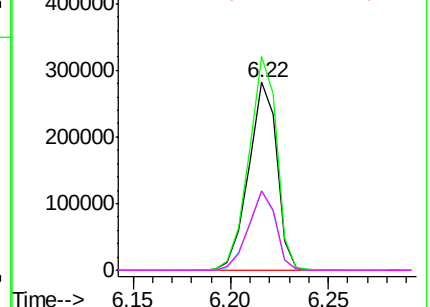
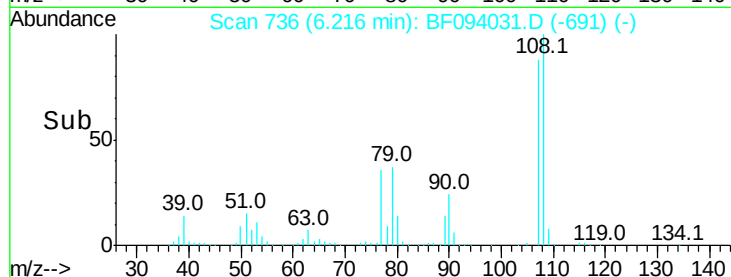


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.19 ng

RT: 6.57 min Scan# 796

Delta R.T. 0.13 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Tgt Ion: 70 Resp: 112476

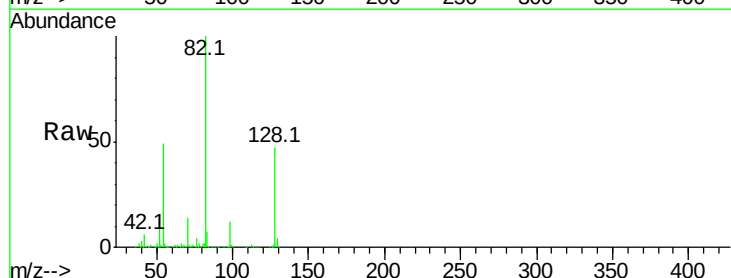
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

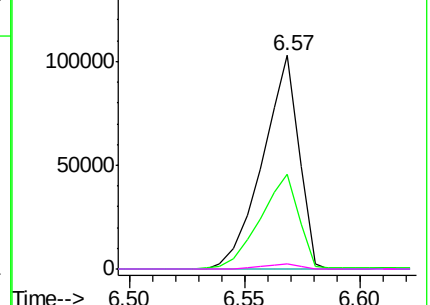
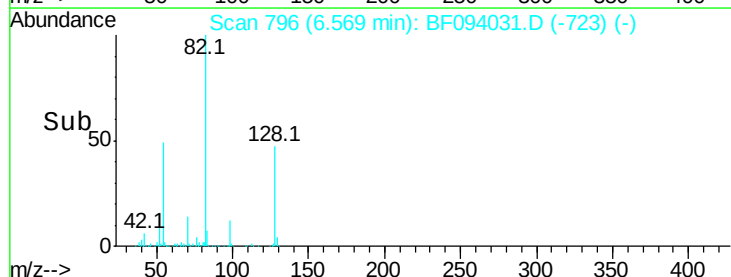


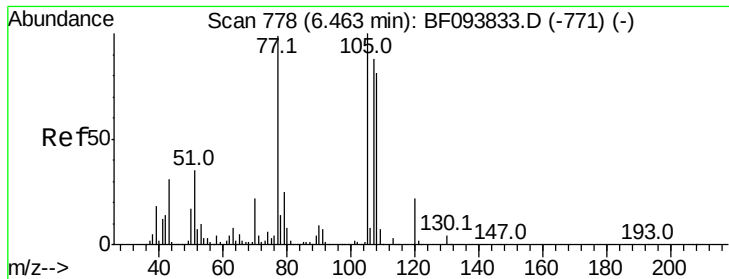
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 48.74 ng

RT: 6.40 min Scan# 768

Delta R.T. -0.03 min

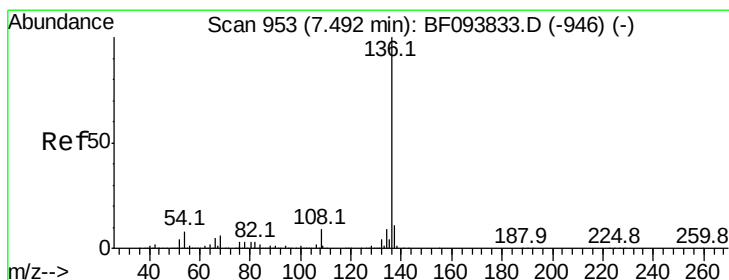
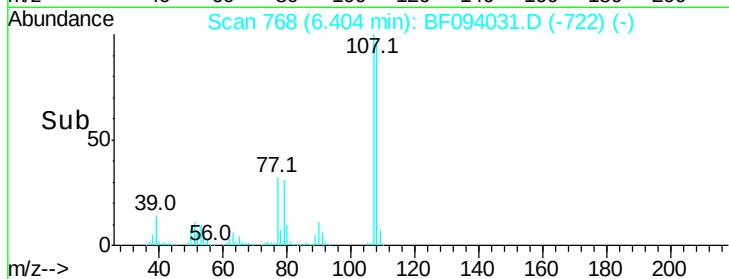
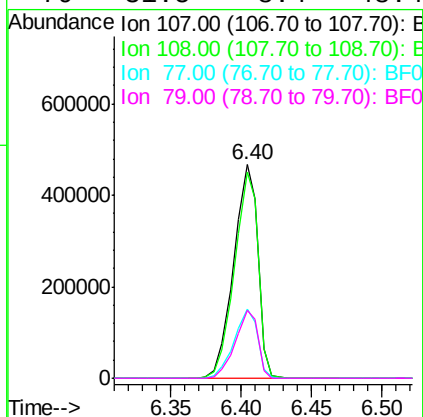
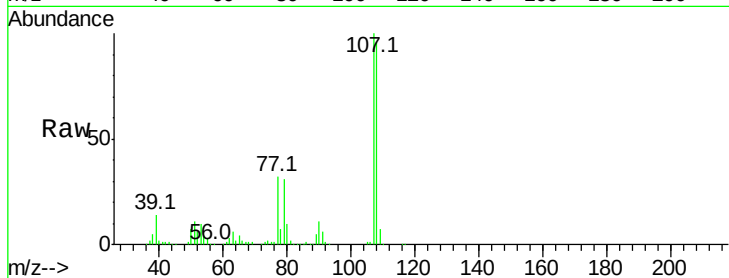
Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:107 Resp: 554122

Ion	Ratio	Lower	Upper
107	100		
108	96.2	71.0	111.0
77	32.2	90.5	130.5#
79	31.5	8.4	48.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

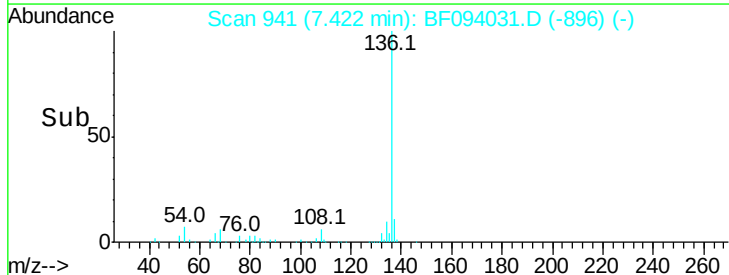
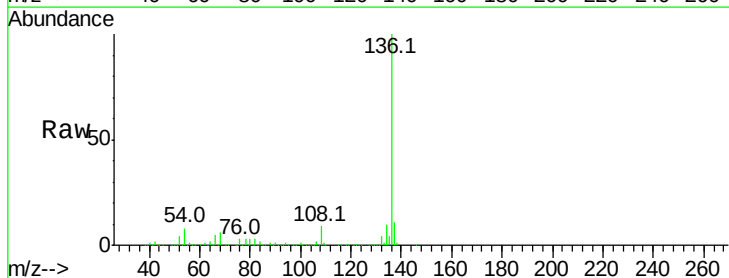
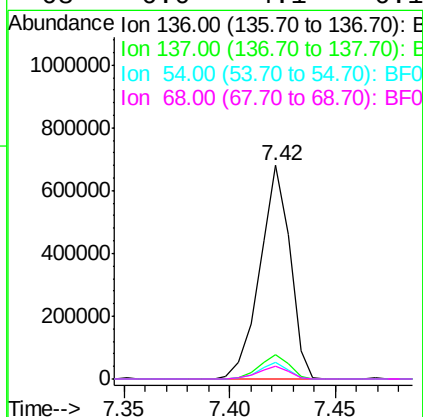
Delta R.T. -0.04 min

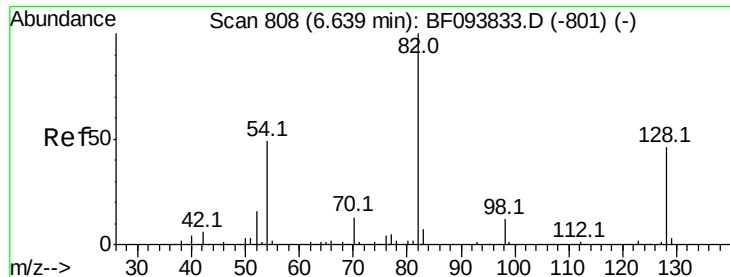
Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Tgt Ion:136 Resp: 677659

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.6	4.9	7.3#
68	6.0	4.1	6.1

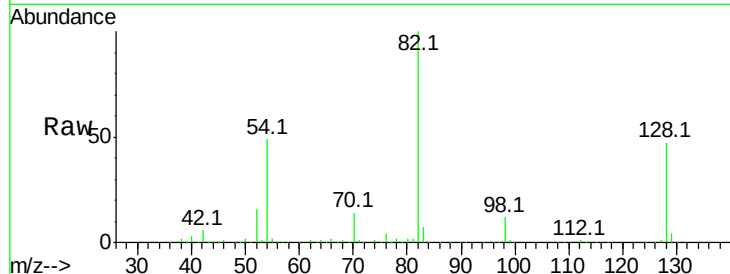




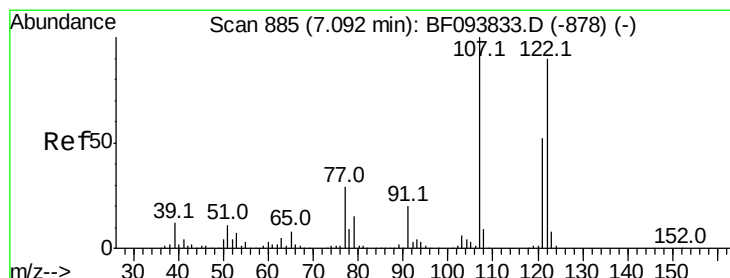
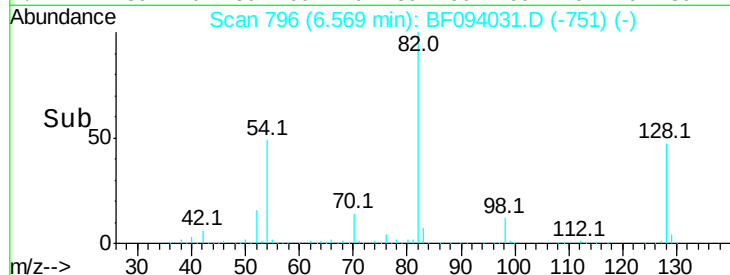
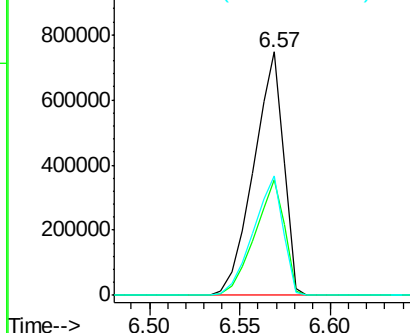
#23
Nitrobenzene-d5
Concen: 72.11 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.04 min
Lab File: BF094031.D
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Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

Tot Ion: 82 Resp: 856277
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 48.8 42.2 63.2

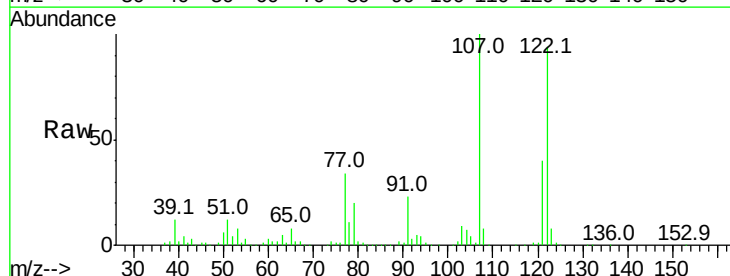


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

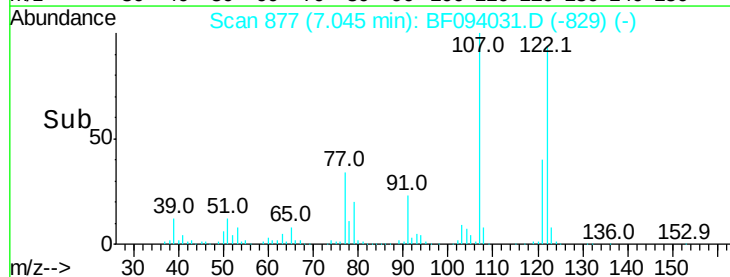
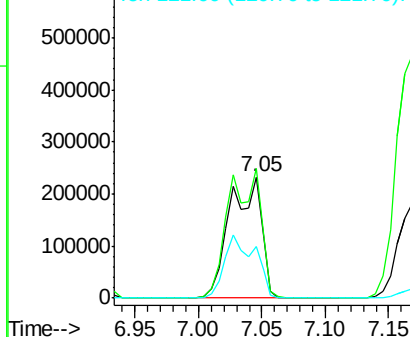


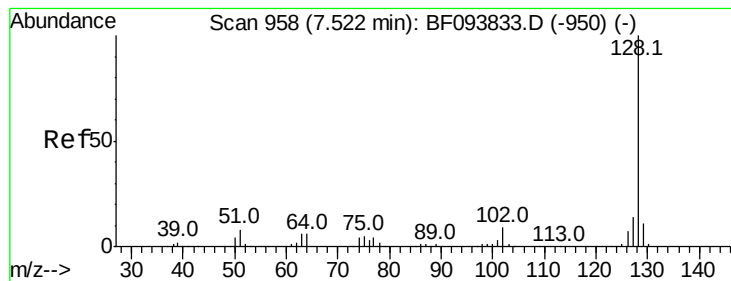
#27
2,4-Dimethylphenol
Concen: 41.63 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion:122 Resp: 400604
Ion Ratio Lower Upper
122 100
107 106.6 89.2 133.8
121 43.0 45.2 67.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 6.68 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

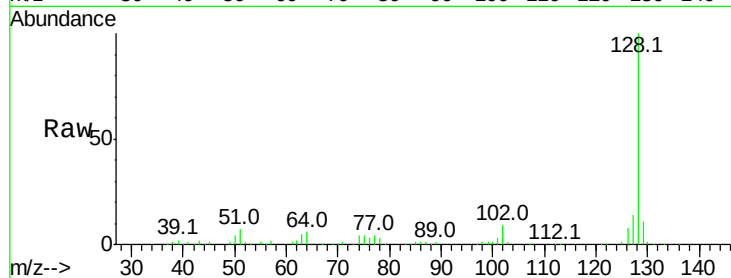
Tot Ion:128 Resp: 217691

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

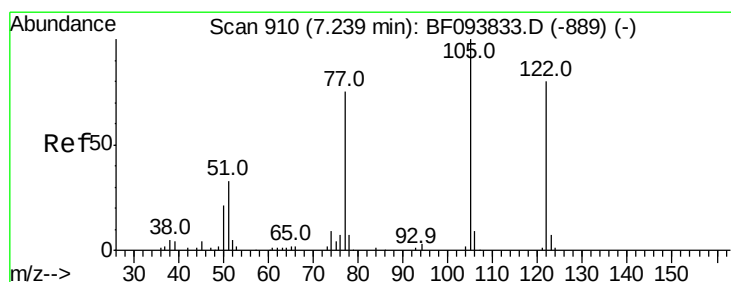
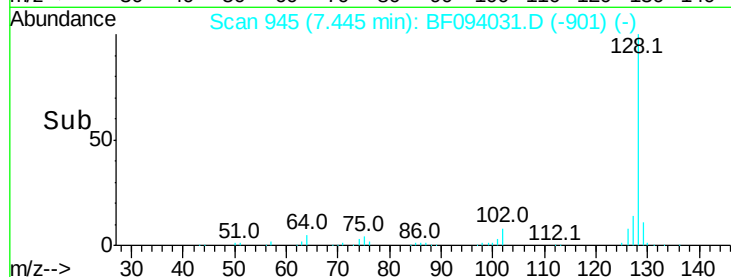
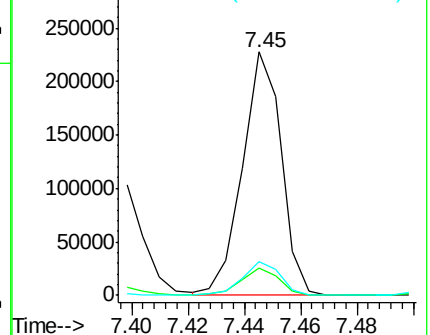
127 13.6 10.8 16.2



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: 71.16 ng

RT: 7.17 min Scan# 899

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

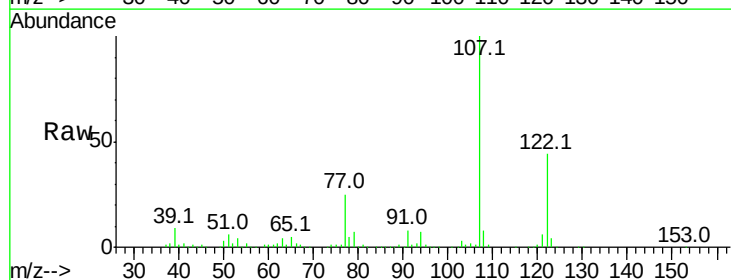
Tgt Ion:122 Resp: 455870

Ion Ratio Lower Upper

122 100

105 3.4 103.3 143.3#

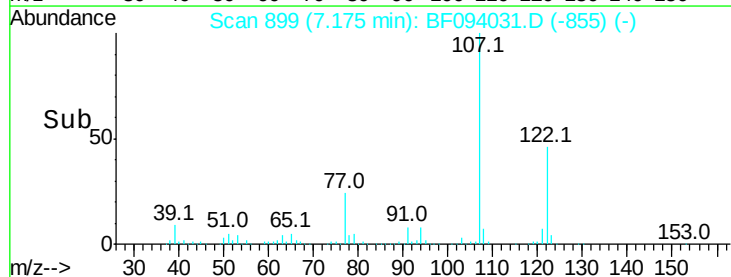
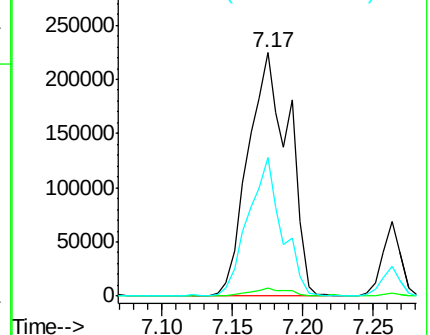
77 57.1 73.7 113.7#

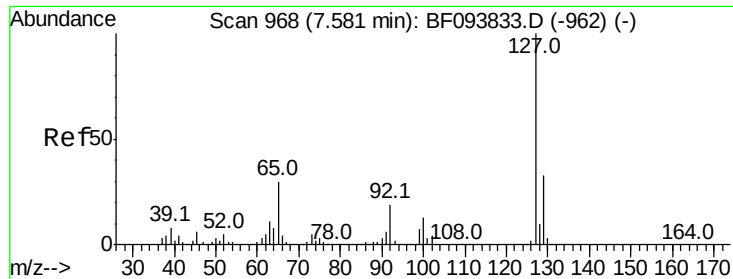


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

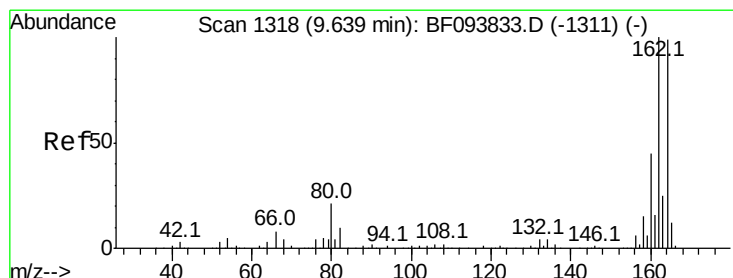
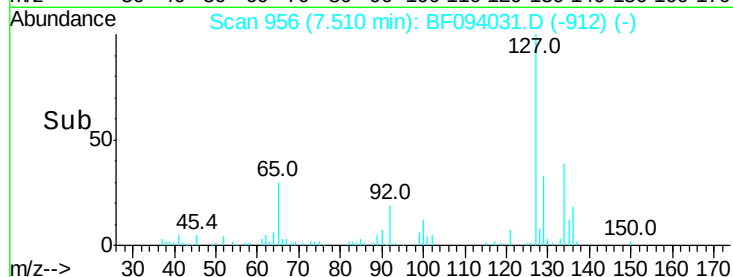
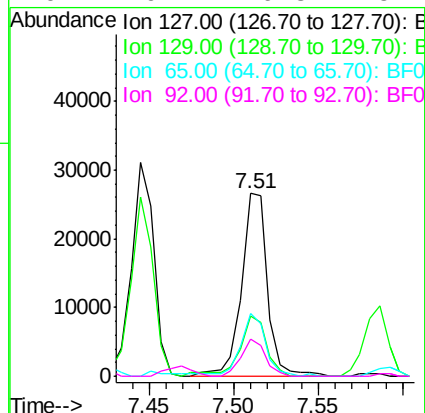
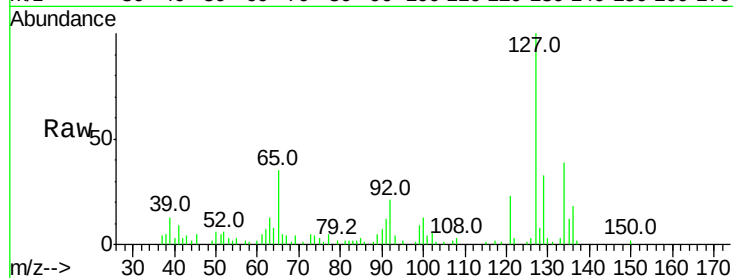




#33
4-Chloroaniline
Concen: 2.17 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

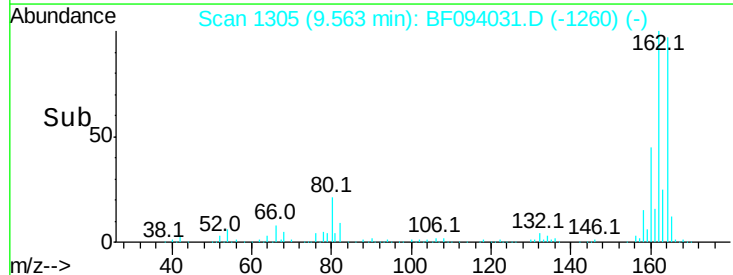
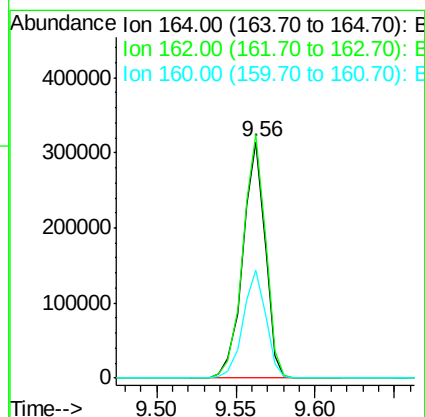
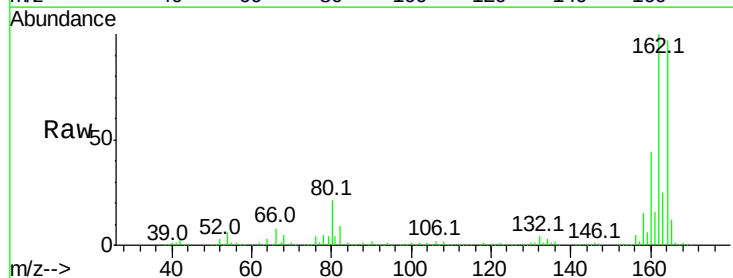
Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

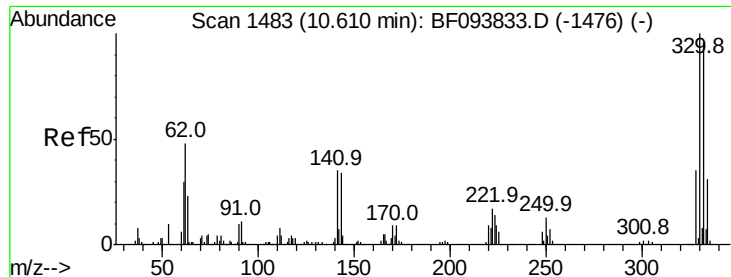
Tot Ion:127	Resp:	28608
Ion Ratio	Lower	Upper
127	100	
129	33.1	26.2 39.2
65	34.7	27.8 41.8
92	20.7	16.8 25.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion:164	Resp:	306418
Ion Ratio	Lower	Upper
164	100	
162	103.2	82.6 123.8
160	45.9	36.2 54.2

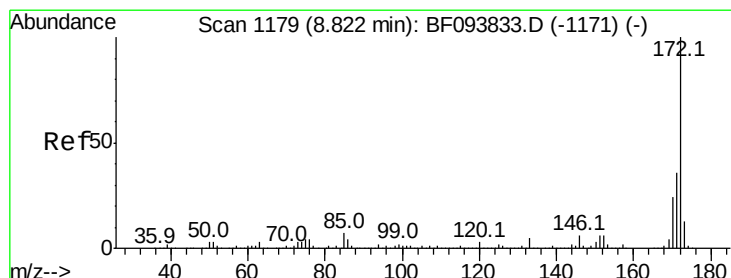
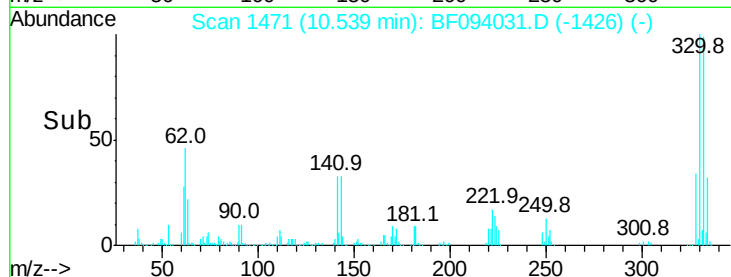
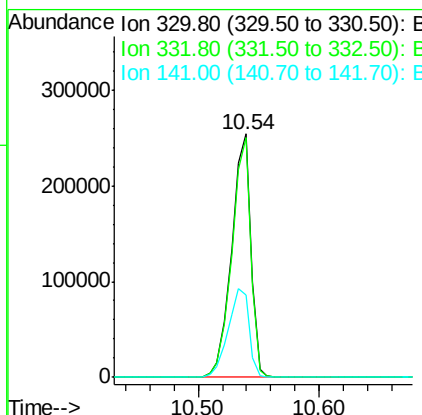
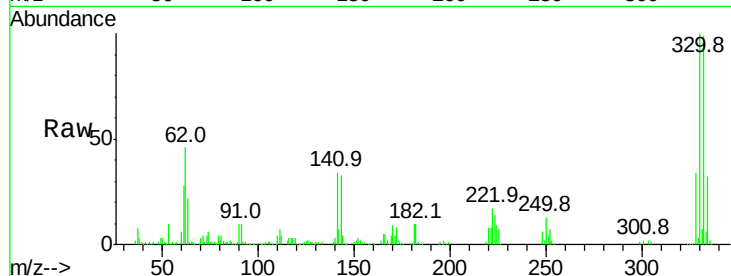




#41
 2,4,6-Tribromophenol
 Concen: 116.83 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094031.D
 Acq: 29 Mar 2017 21:07

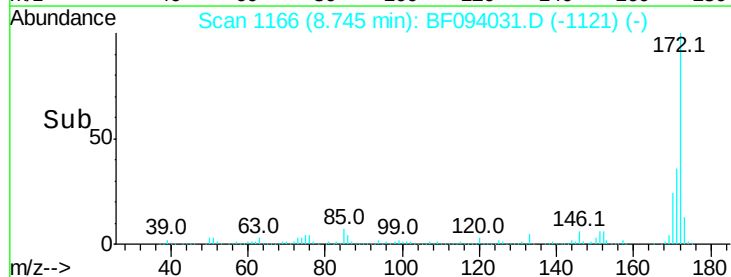
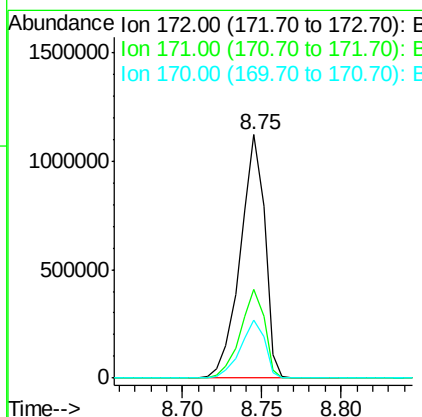
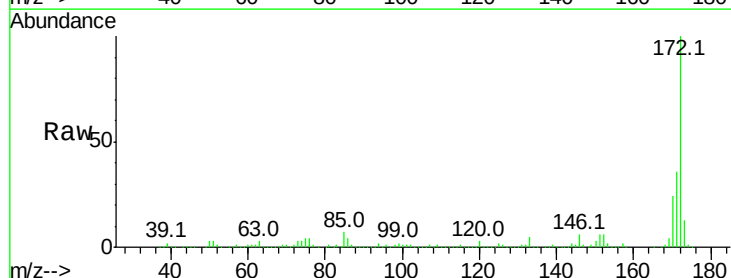
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-WSW

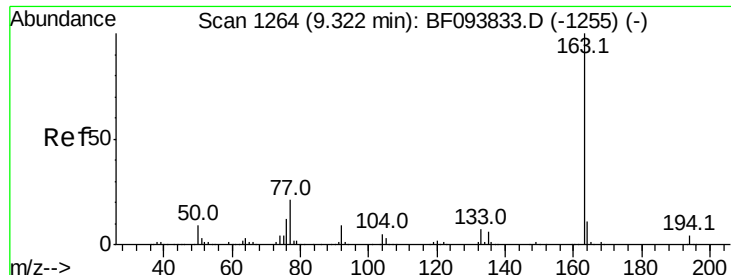
Tot Ion:330 Resp: 282893
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 59.65 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094031.D
 Acq: 29 Mar 2017 21:07

Tgt Ion:172 Resp: 1198321
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.8 29.8

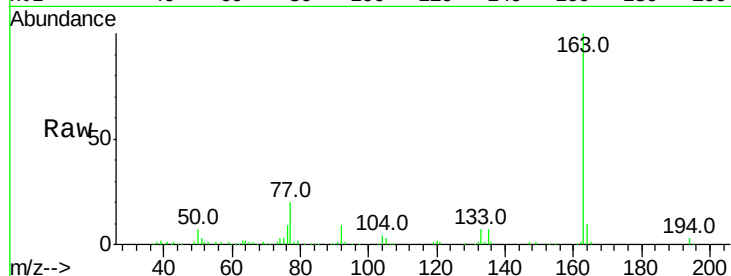




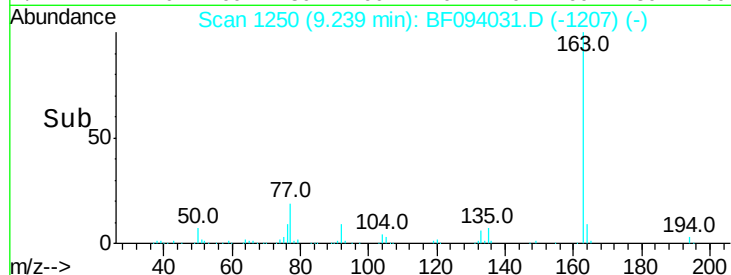
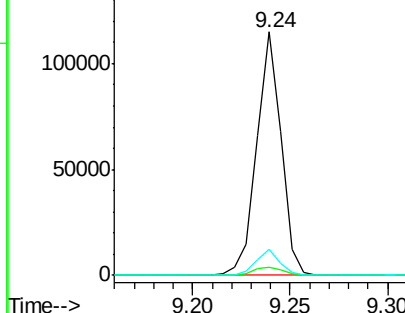
#49
 Dimethylphthalate
 Concen: 4.58 ng
 RT: 9.24 min Scan# 1250
 Delta R.T. -0.05 min
 Lab File: BF094031.D
 Acq: 29 Mar 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA9-WSW

Tot Ion:163 Resp: 99693
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.4 8.4 12.6

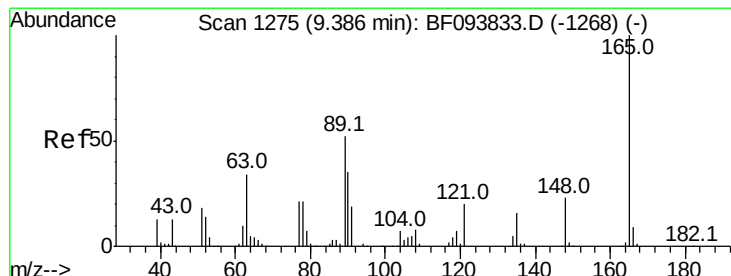


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

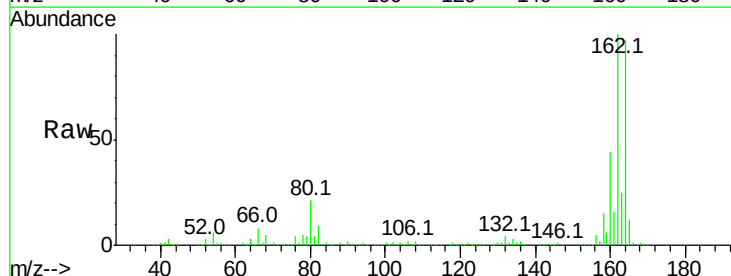
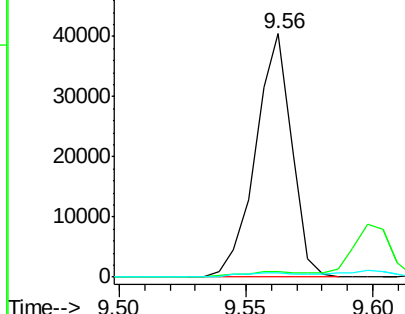


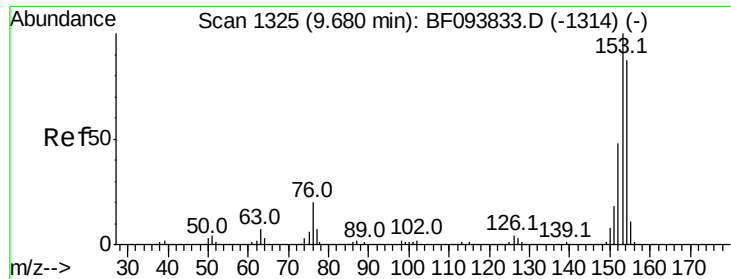
#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF094031.D
 Acq: 29 Mar 2017 21:07

Tgt Ion:165 Resp: 40348
 Ion Ratio Lower Upper
 165 100
 63 2.2 34.3 51.5#
 89 1.9 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: 5.68 ng

RT: 9.60 min Scan# 1311

Delta R.T. -0.05 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

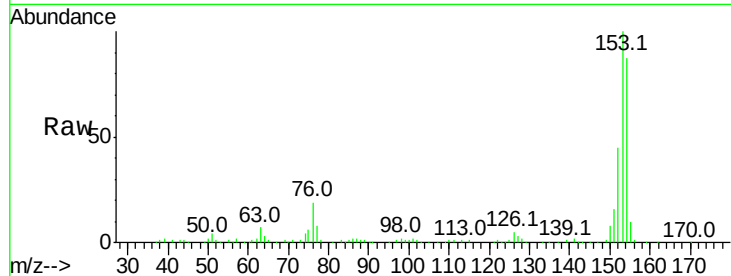
Tot Ion:154 Resp: 106544

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

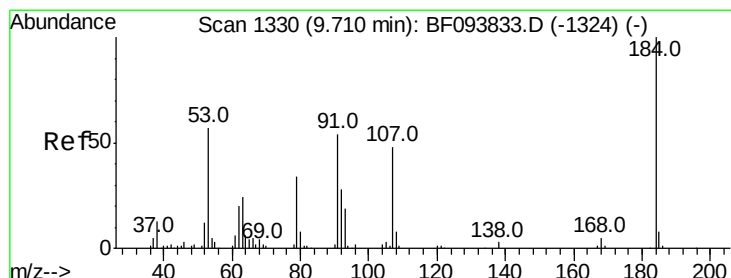
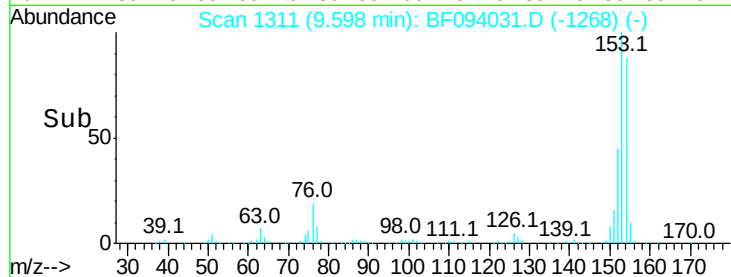
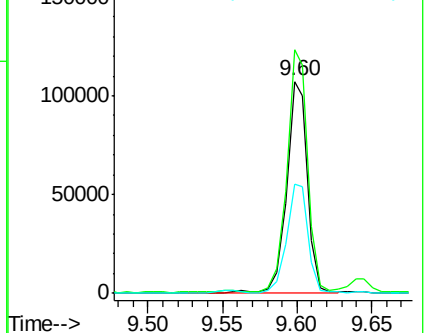
152 51.2 43.6 65.4



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



#53

2,4-Dinitrophenol

Concen: 4.70 ng

RT: 9.76 min Scan# 1338

Delta R.T. 0.08 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

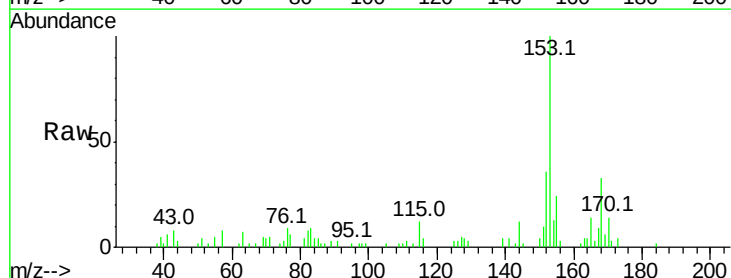
Tgt Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

63 469.1 62.7 94.1#

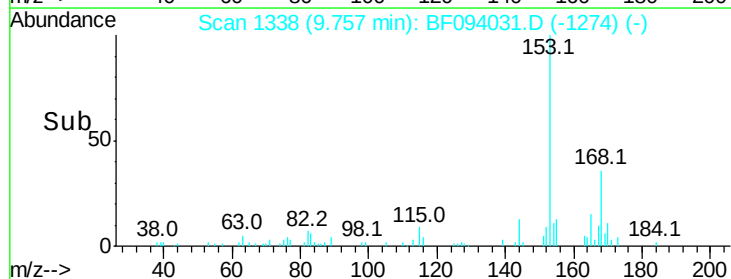
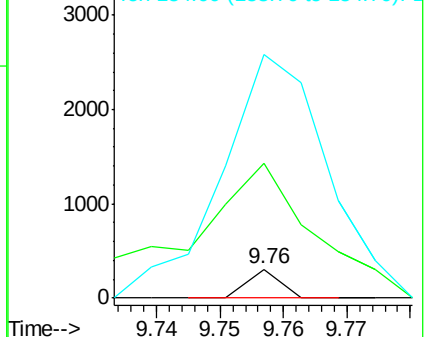
154 849.3 81.1 121.7#

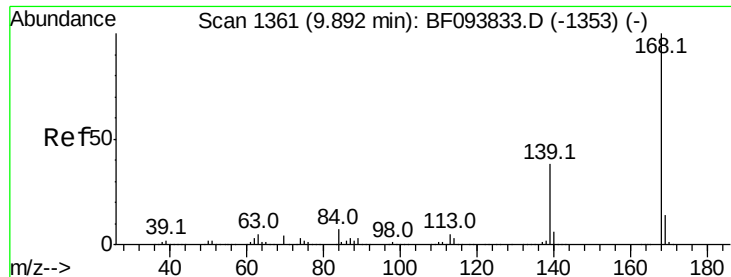


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

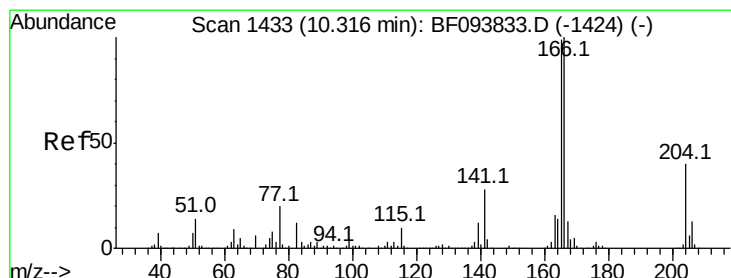
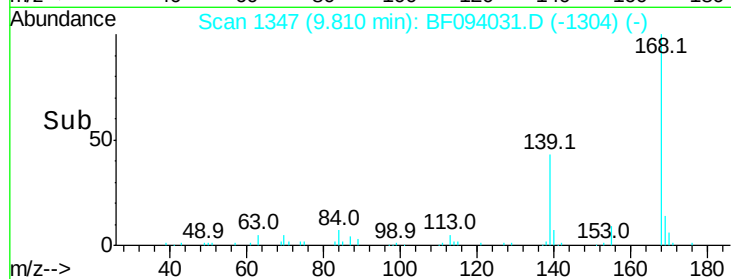
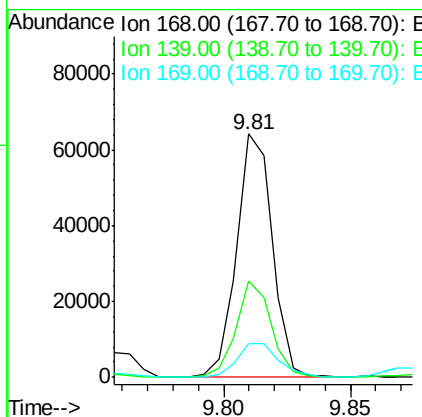
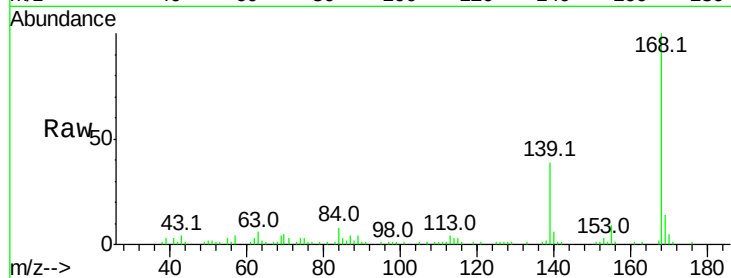




#54
Dibenzofuran
Concen: 2.47 ng
RT: 9.81 min Scan# 1347
Delta R.T. -0.05 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

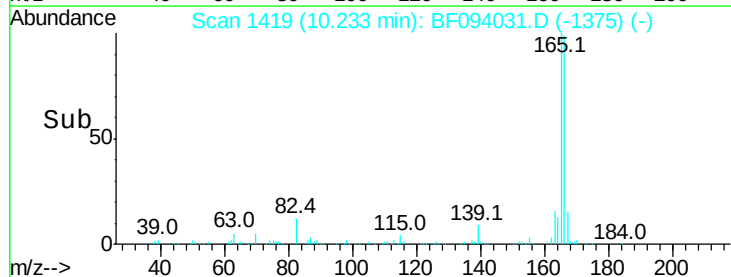
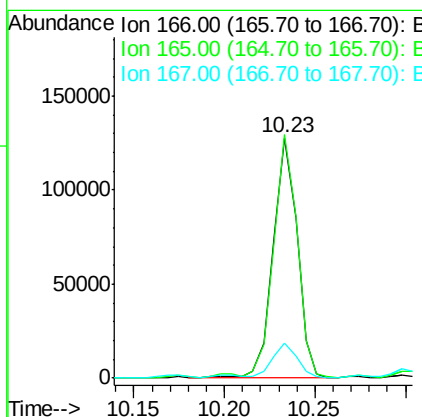
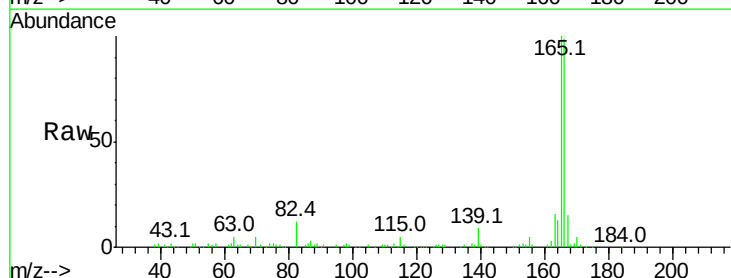
Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

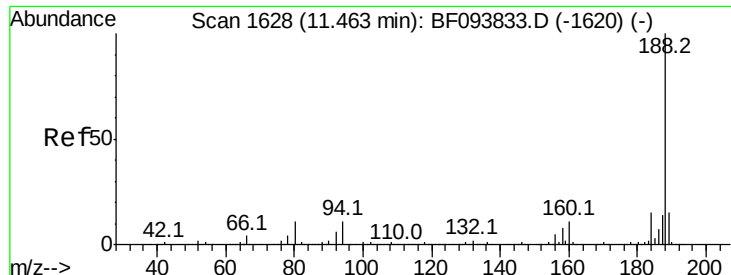
Tot Ion:168 Resp: 63003
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8
169 14.1 10.8 16.2



#57
Fluorene
Concen: 5.64 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion:166 Resp: 119520
Ion Ratio Lower Upper
166 100
165 101.4 78.8 118.2
167 14.7 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

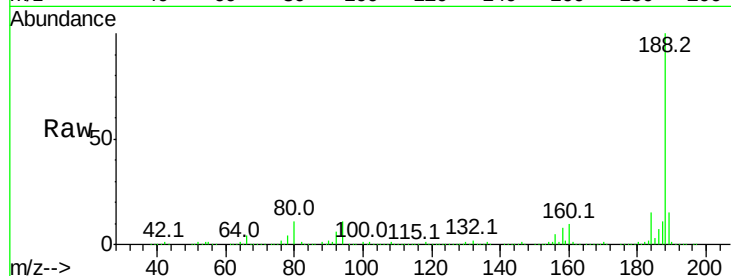
Tot Ion:188 Resp: 515998

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

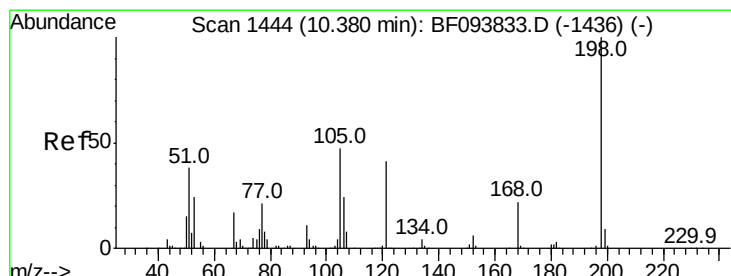
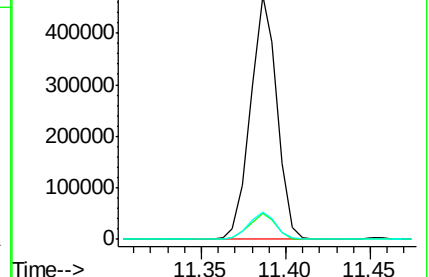
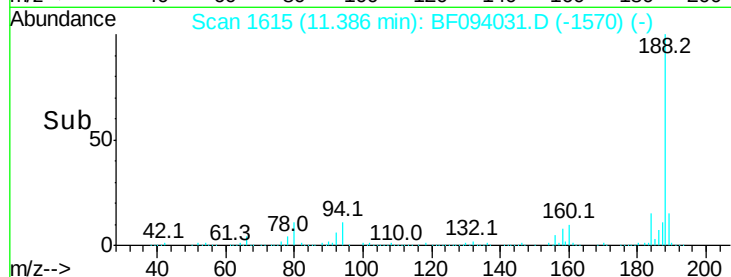
80 11.4 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 11.25 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

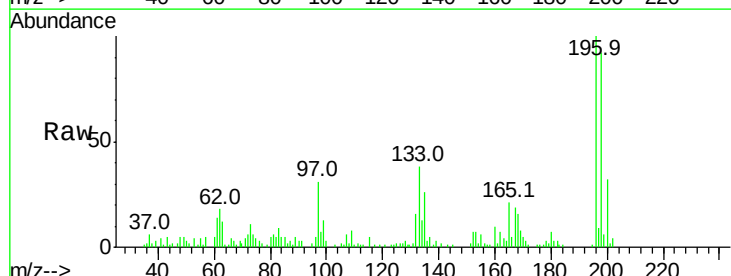
Tgt Ion:198 Resp: 35539

Ion Ratio Lower Upper

198 100

51 2.5 53.2 93.2#

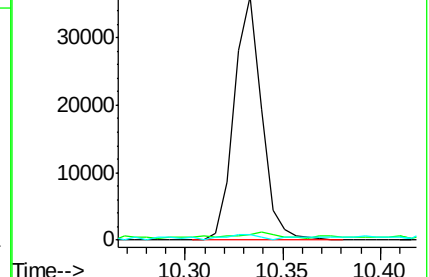
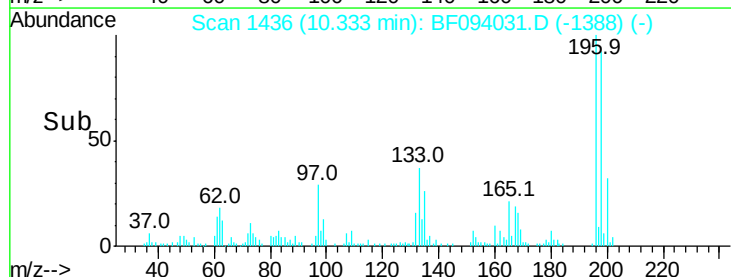
105 2.0 45.8 85.8#

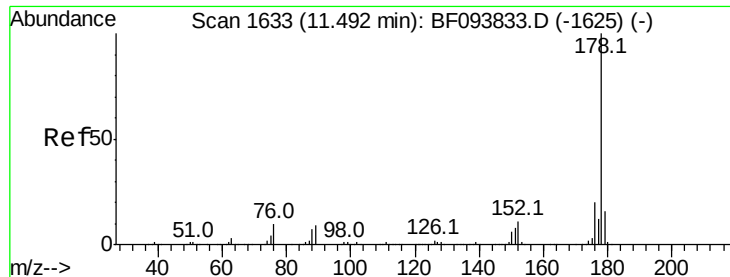


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

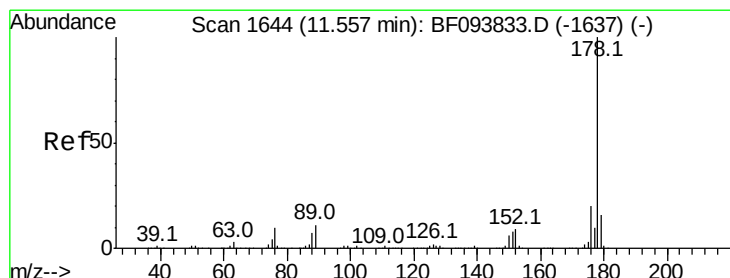
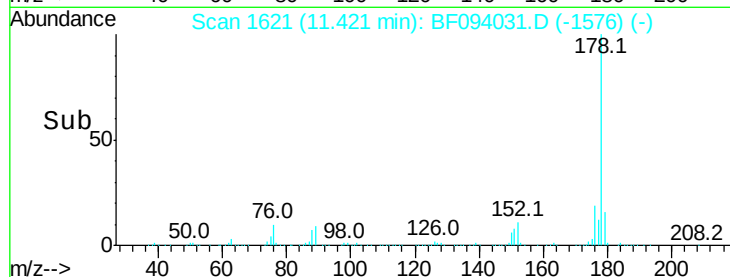
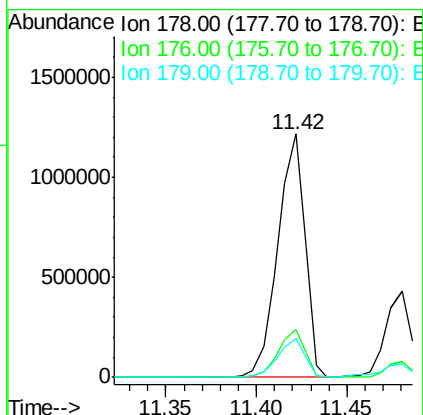
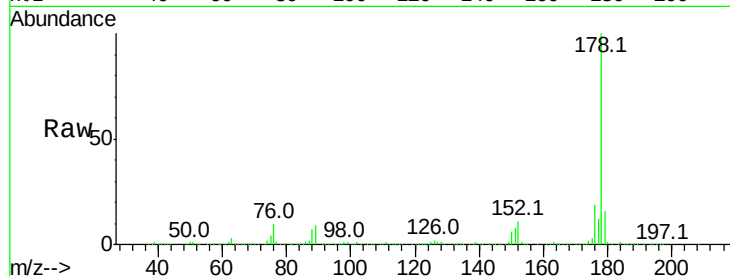




#70
Phenanthrene
Concen: 44.31 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

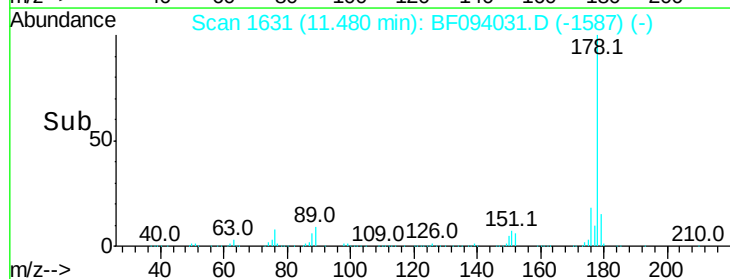
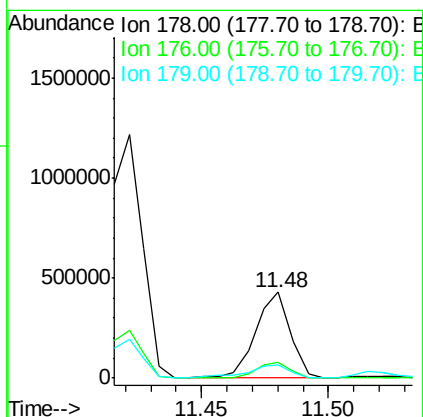
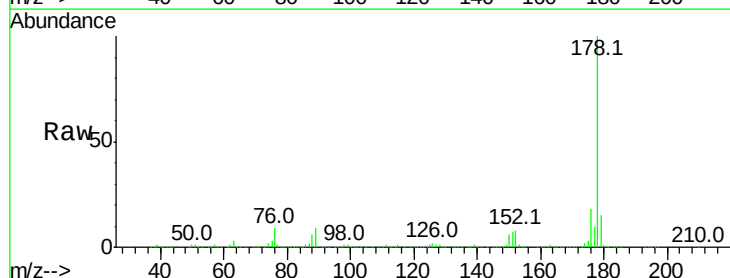
Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

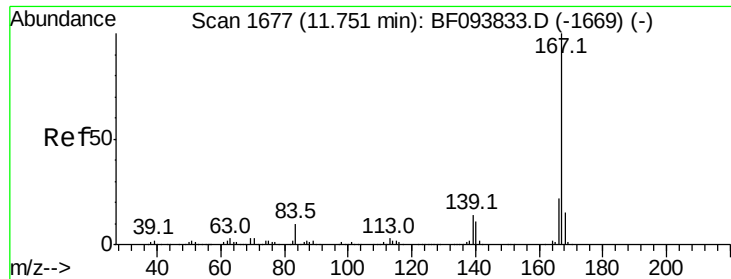
Tot Ion:178 Resp: 1271937
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 16.1 12.6 19.0



#71
Anthracene
Concen: 13.69 ng
RT: 11.48 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion:178 Resp: 404468
Ion Ratio Lower Upper
178 100
176 17.9 15.8 23.8
179 15.0 12.7 19.1





#72

Carbazole

Concen: 3.63 ng

RT: 11.67 min Scan# 1664

Delta R.T. -0.05 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

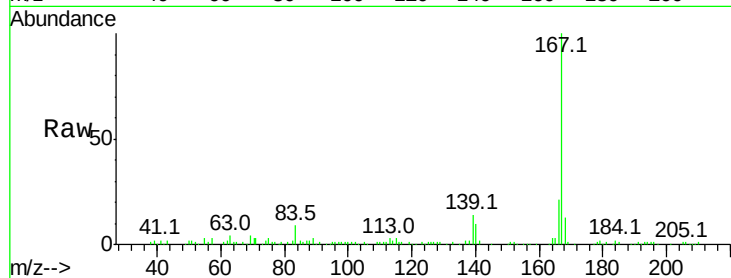
Tot Ion:167 Resp: 109878

Ion Ratio Lower Upper

167 100

166 21.0 18.1 27.1

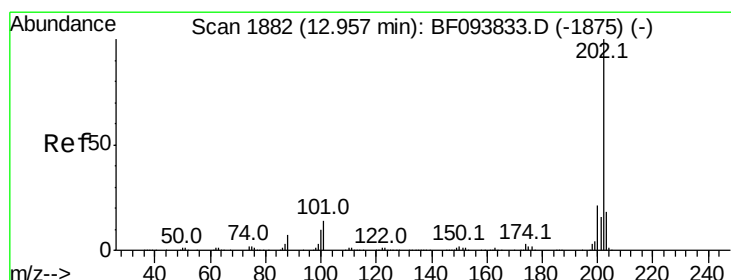
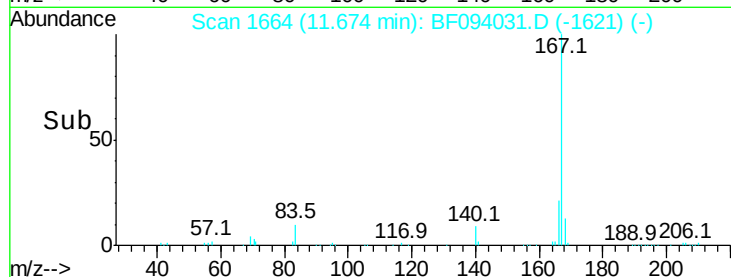
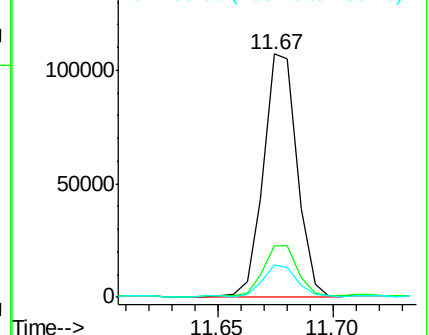
139 13.5 11.7 17.5



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: 61.75 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

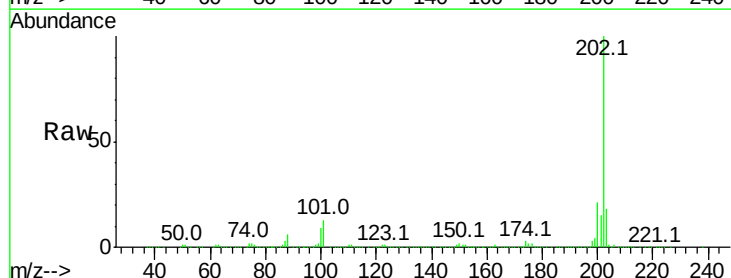
Tgt Ion:202 Resp: 1814971

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

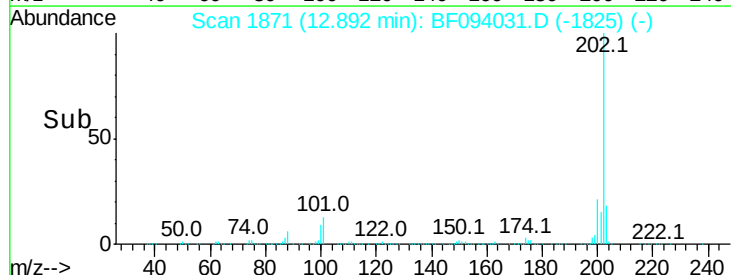
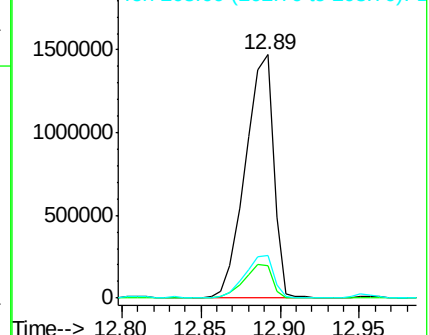
203 17.8 0.0 38.1

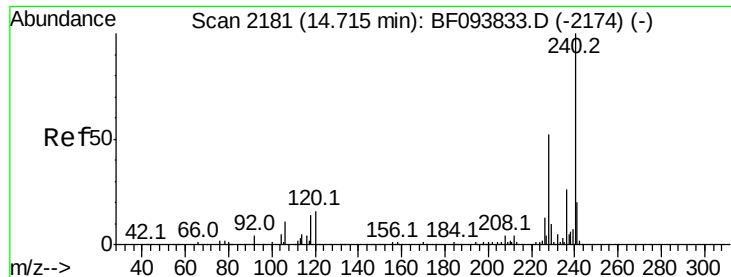


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

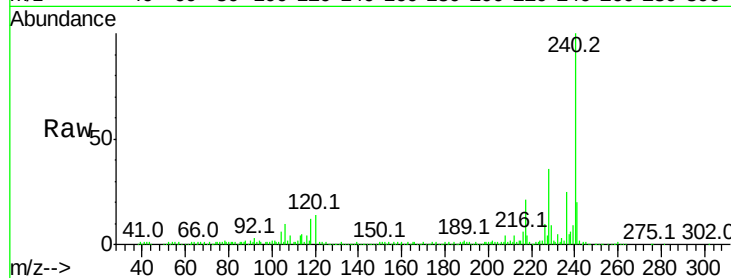
Tot Ion:240 Resp: 340887

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

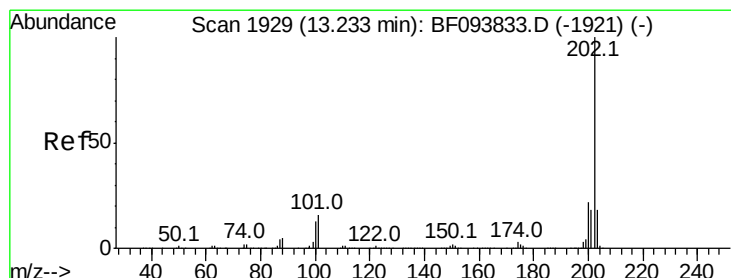
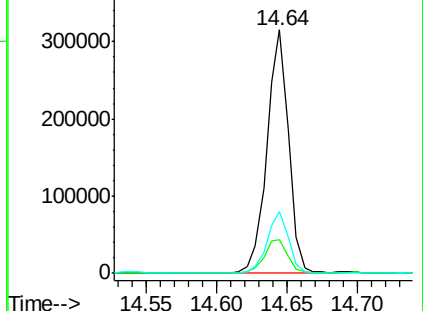
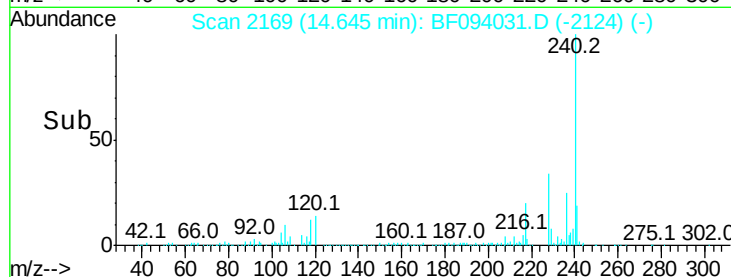
236 25.3 20.5 30.7



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: 68.05 ng

RT: 13.17 min Scan# 1918

Delta R.T. -0.03 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

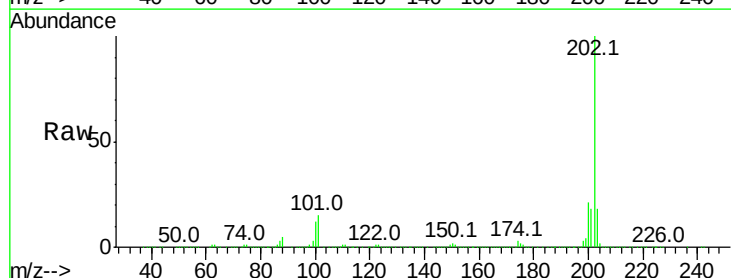
Tgt Ion:202 Resp: 1683573

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

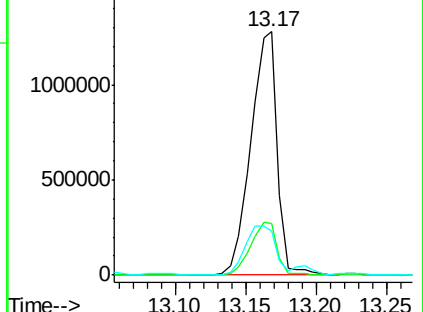
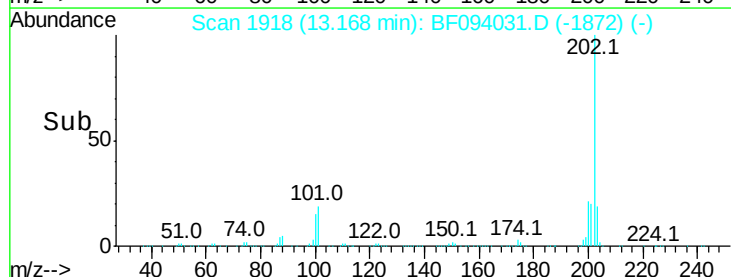
203 18.1 14.4 21.6

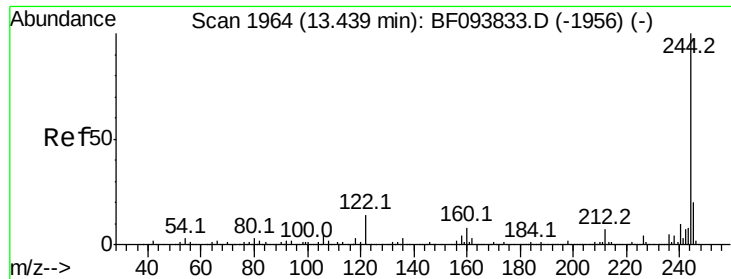


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.92 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

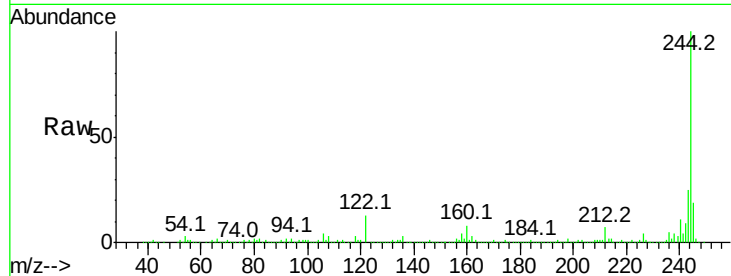
Tot Ion:244 Resp: 835251

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

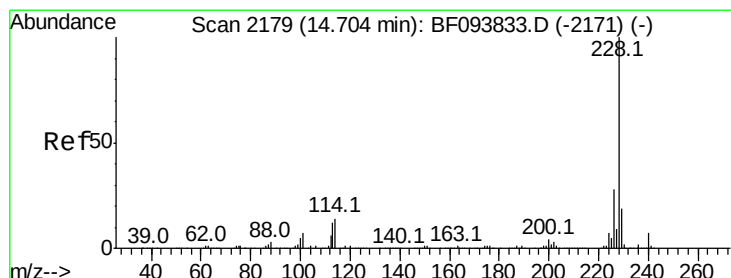
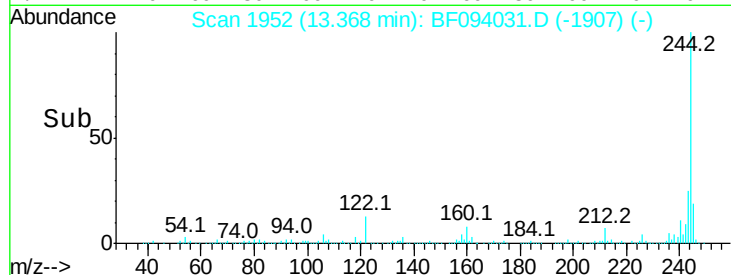
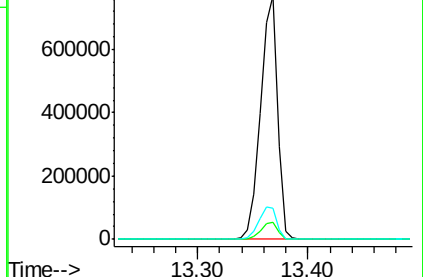
122 12.8 10.3 15.5



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: 35.67 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

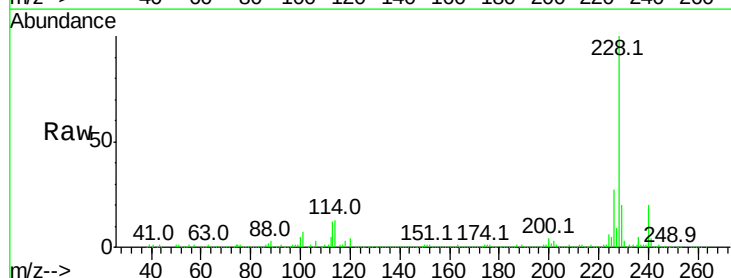
Tgt Ion:228 Resp: 709136

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

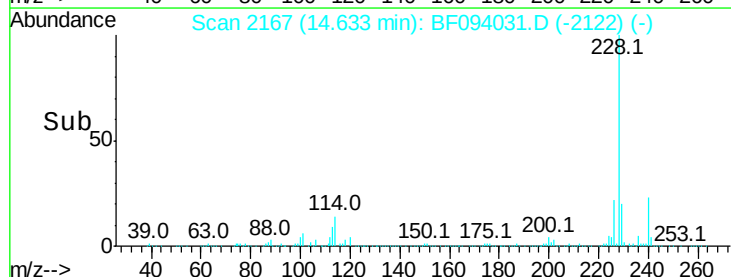
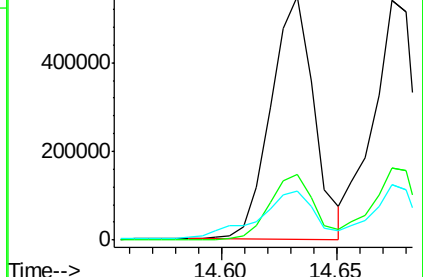
229 20.3 16.3 24.5

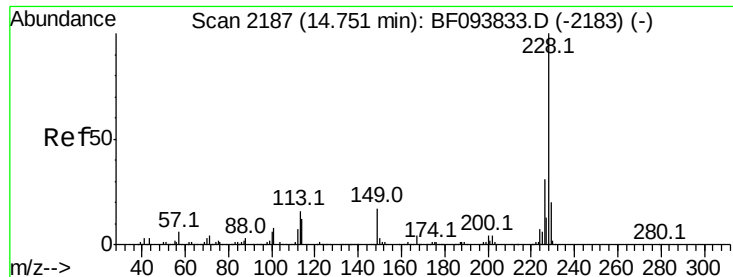


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 35.86 ng

RT: 14.67 min Scan# 2174

Delta R.T. -0.04 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-AA9-WSW

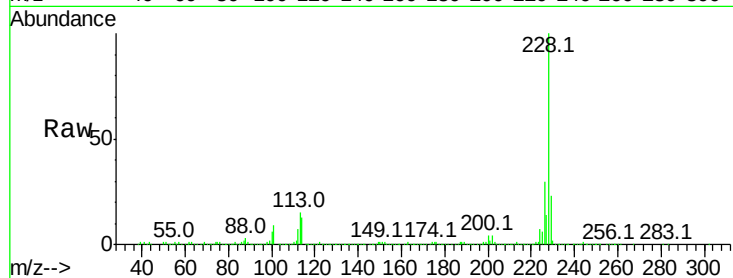
Tot Ion:228 Resp: 661563

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

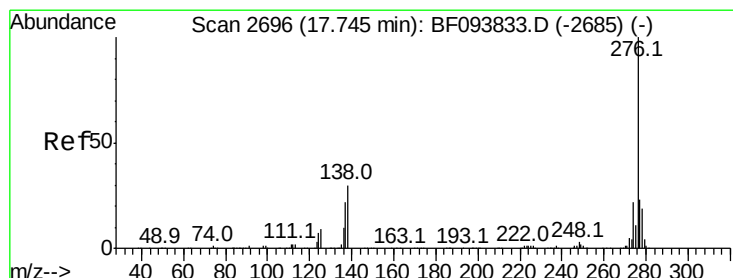
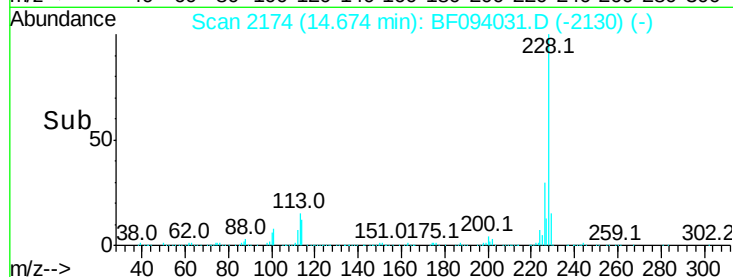
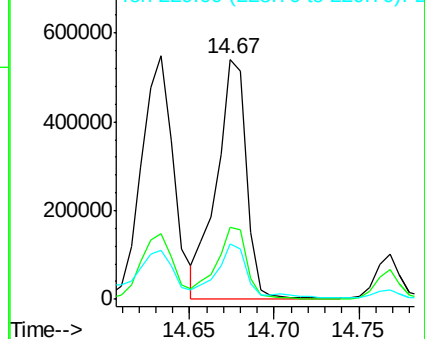
229 23.2 15.8 23.6



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: 21.08 ng

RT: 17.63 min Scan# 2677

Delta R.T. -0.05 min

Lab File: BF094031.D

Acq: 29 Mar 2017 21:07

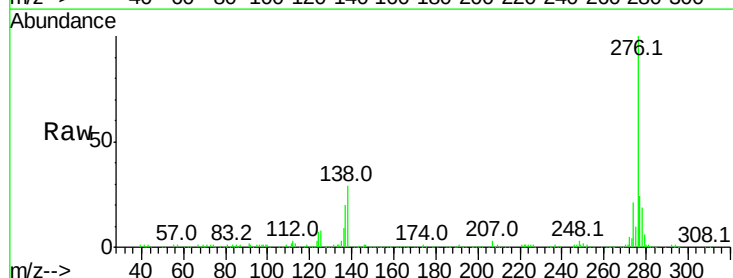
Tgt Ion:276 Resp: 336759

Ion Ratio Lower Upper

276 100

138 29.0 27.8 41.6

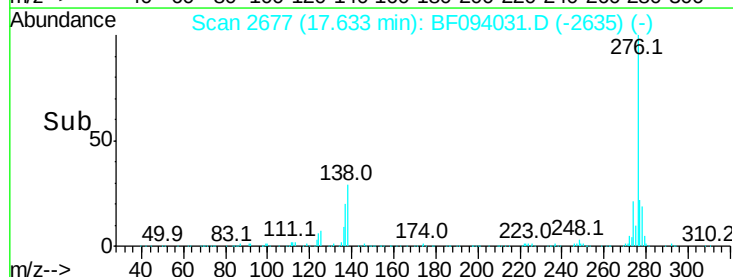
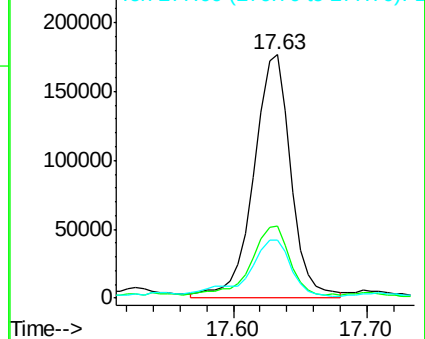
277 28.0 20.2 30.4

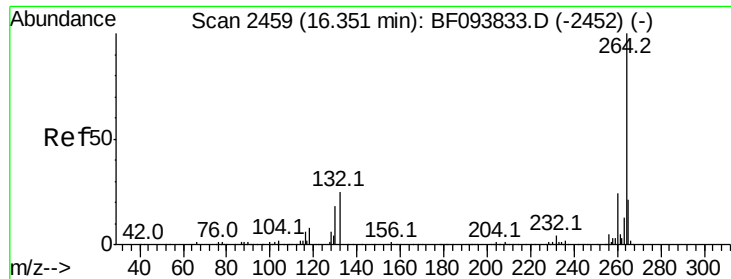


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

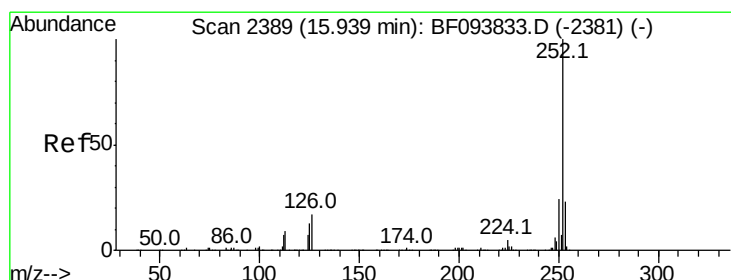
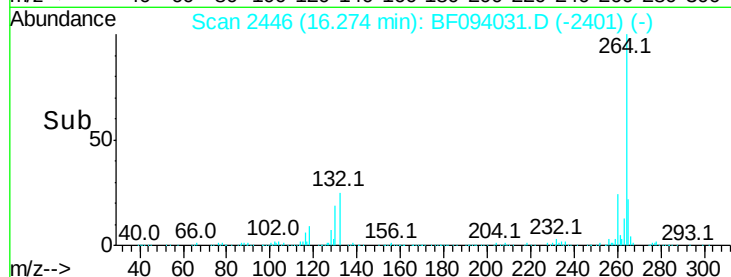
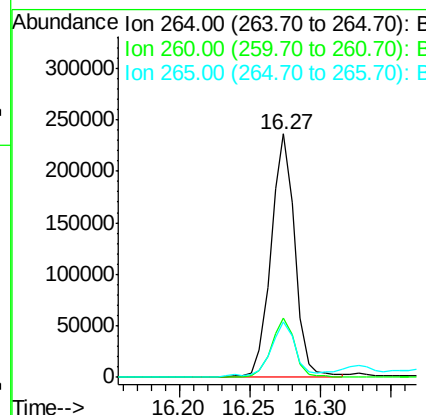
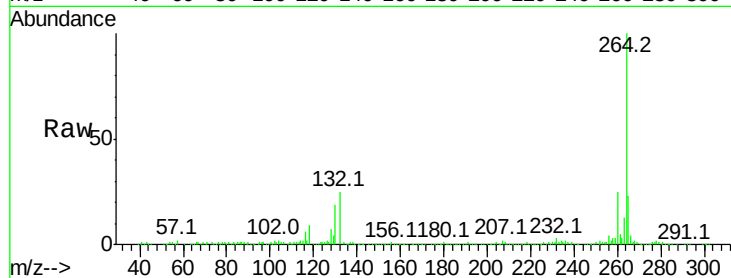




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2446
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

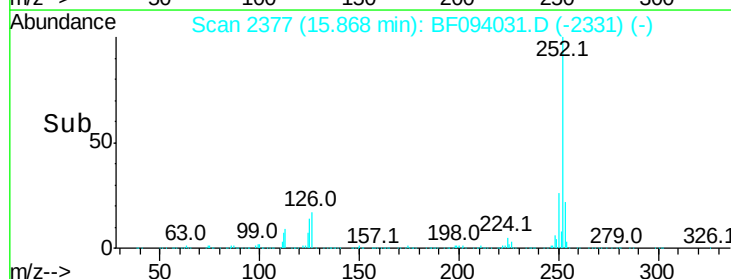
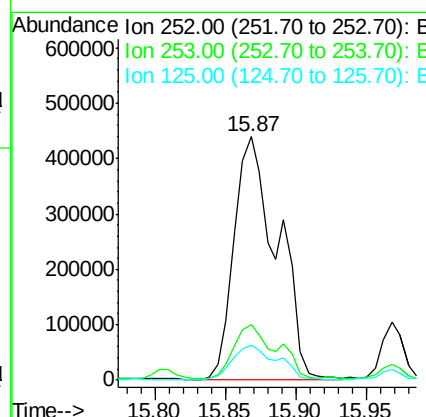
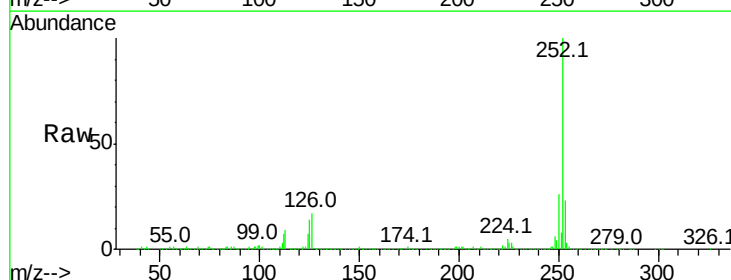
Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

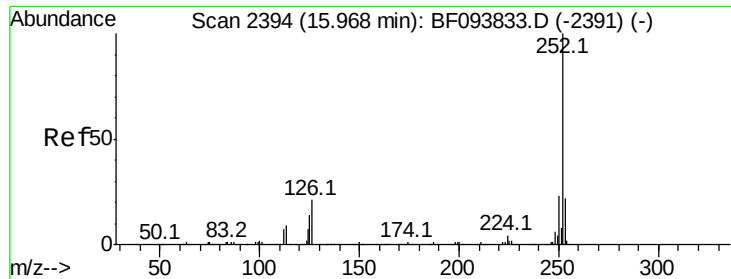
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.7	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 54.53 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.4	9.8	14.8

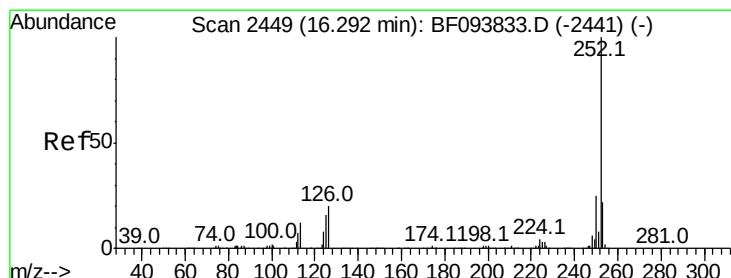
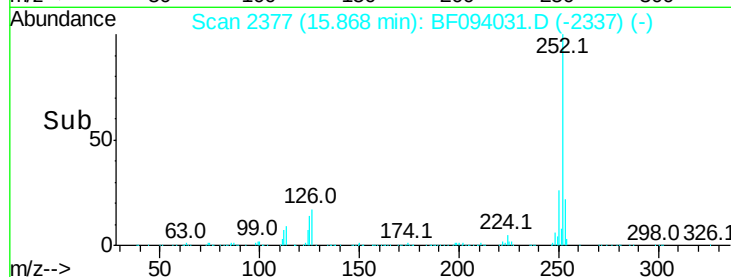
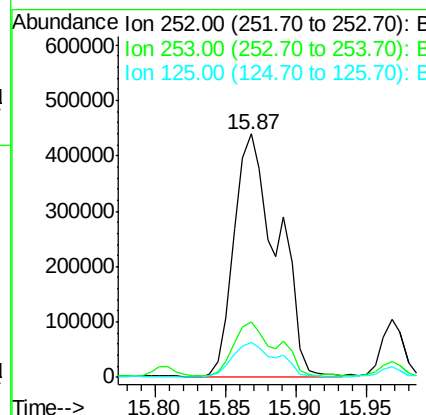
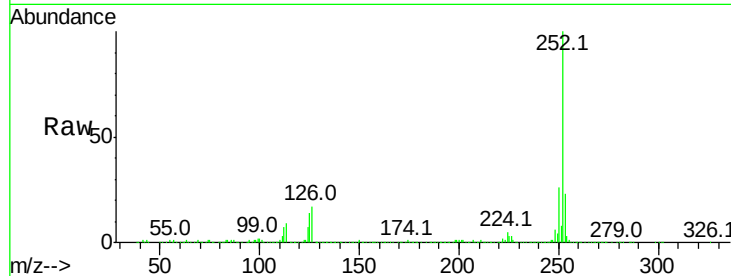




#88
Benzo(k)fluoranthene
Concen: 55.73 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.06 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

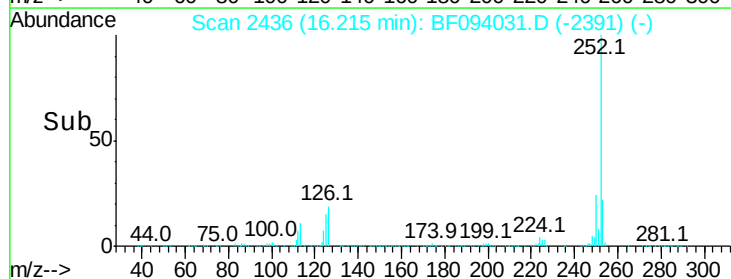
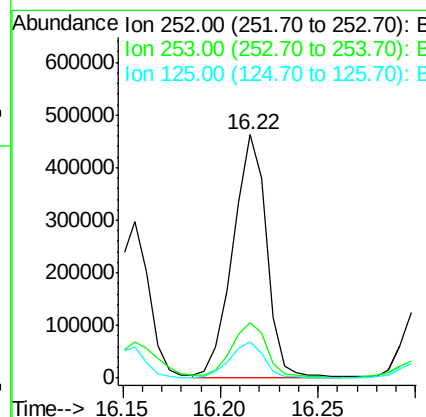
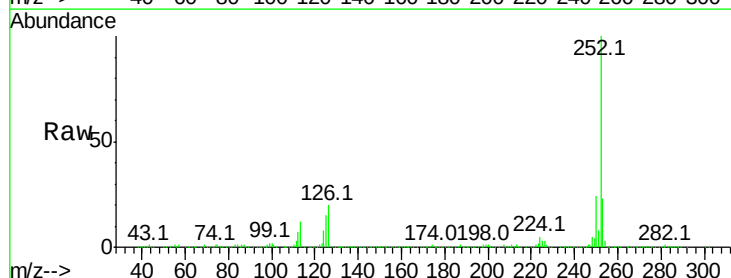
Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

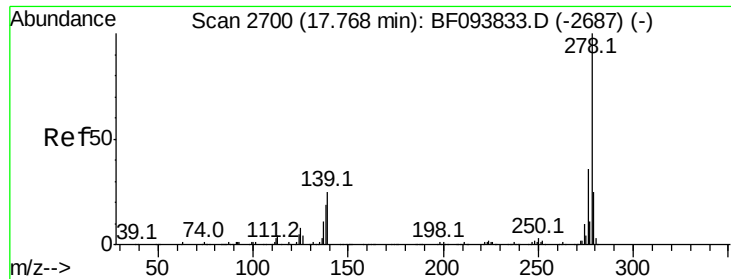
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.4	13.1	19.7



#89
Benzo(a)pyrene
Concen: 34.79 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	14.8	11.0	16.4

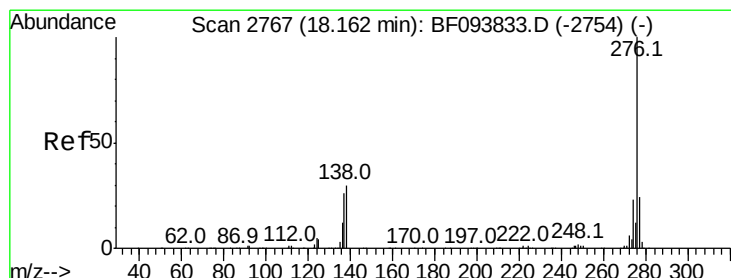
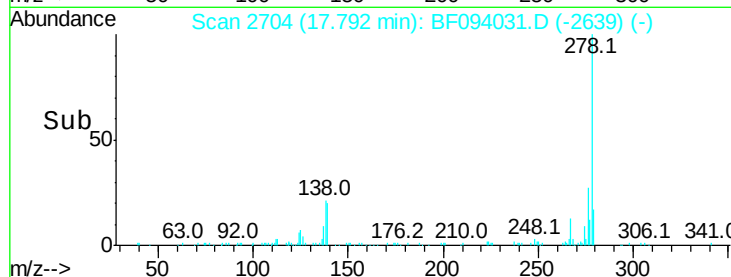
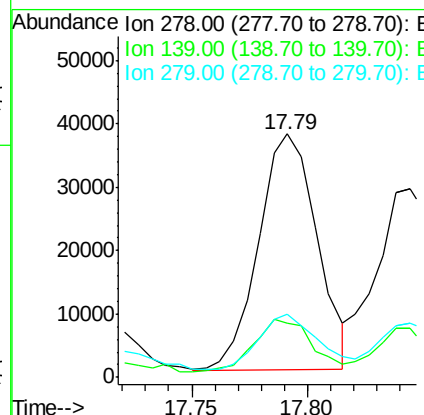
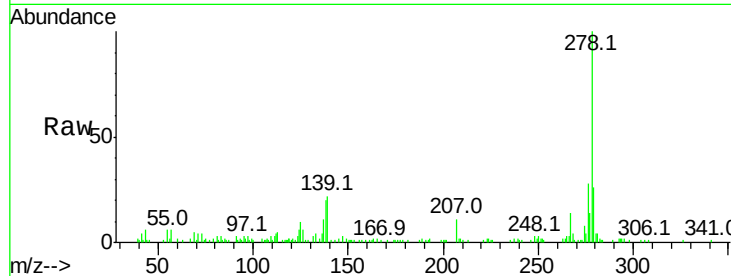




#90
Dibenzo(a,h)anthracene
Concen: 4.88 ng
RT: 17.79 min Scan# 2704
Delta R.T. 0.08 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-AA9-WSW

Tot Ion:278 Resp: 65347
Ion Ratio Lower Upper
278 100
139 22.3 16.6 24.8
279 25.7 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 24.20 ng
RT: 18.03 min Scan# 2745
Delta R.T. -0.06 min
Lab File: BF094031.D
Acq: 29 Mar 2017 21:07

Tgt Ion:276 Resp: 326783
Ion Ratio Lower Upper
276 100
277 22.8 18.6 28.0
138 32.5 25.4 38.0

