

Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-4

Quant Time: Feb 24 02:56:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	161384	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	575062	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	238737	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	330307	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	309328	20.00	ng	-0.01
86) Perylene-d12	15.44	264	249501	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1183661	125.83	ng	0.00
7) Phenol-d6	6.49	99	1336778	110.45	ng	0.00
23) Nitrobenzene-d5	7.41	82	857203	83.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	200114	115.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1237570	93.91	ng	-0.01
78) Terphenyl-d14	12.95	244	650857	49.44	ng	-0.02

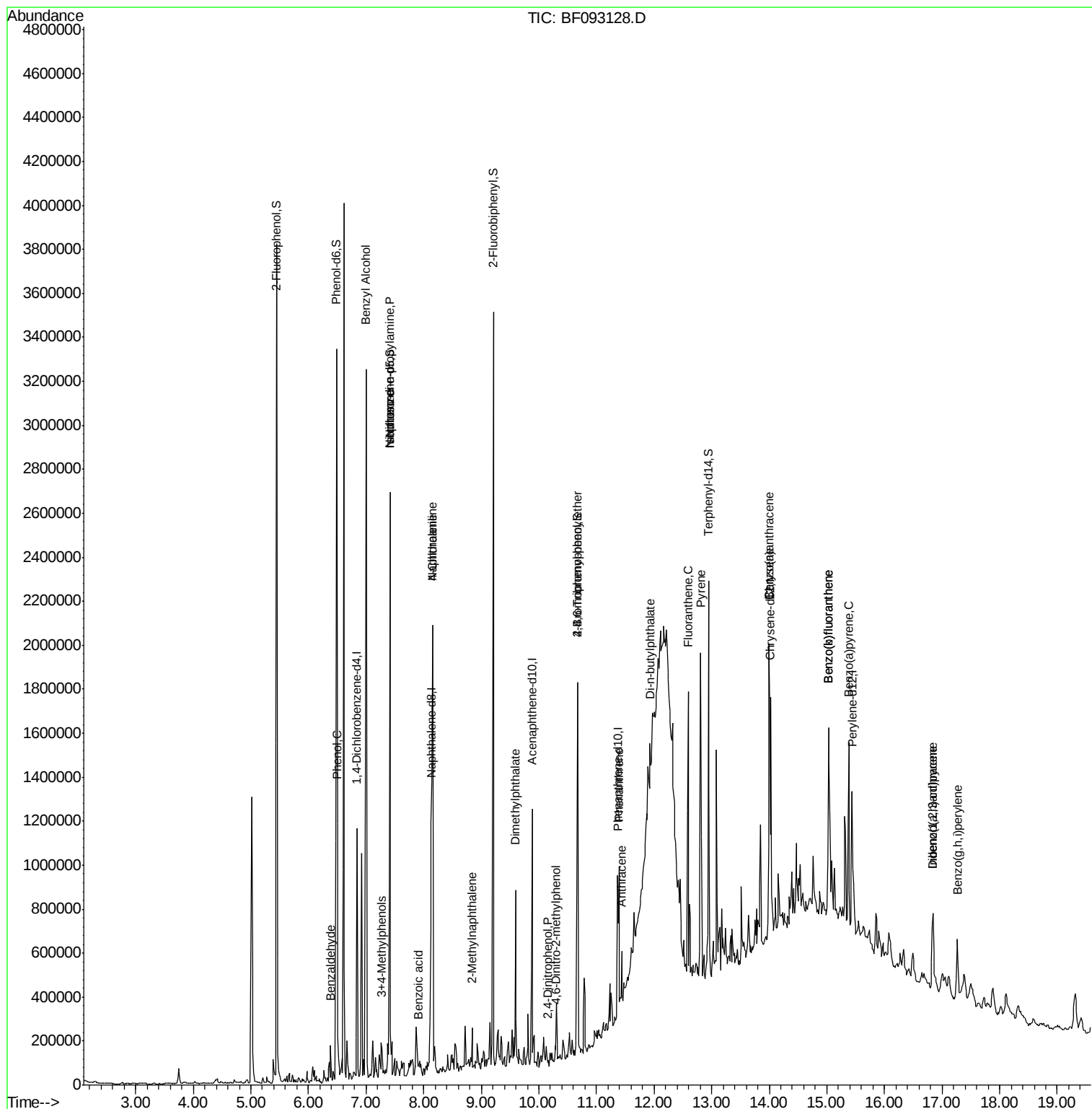
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	30942	3.57	ng	# 84
10) Phenol	6.50	94	69078	4.88	ng	90
15) Benzyl Alcohol	7.00	79	20028	2.24	ng	# 28
19) n-Nitroso-di-n-propylamine	7.41	70	124661	16.18	ng	# 80
20) 3+4-Methylphenols	7.26	107	58968	5.54	ng	# 66
25) Isophorone	7.41	82	646878	33.62	ng	# 65
31) Naphthalene	8.16	128	1122755	38.51	ng	98
32) Benzoic acid	7.92	122	7598	8.45	ng	# 44
33) 4-Chloroaniline	8.16	127	153239	13.40	ng	# 38
37) 2-Methylnaphthalene	8.84	142	50028	2.67	ng	95
49) Dimethylphthalate	9.60	163	246533	15.33	ng	99
53) 2,4-Dinitrophenol	10.16	184	468	4.98	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.29	198	2902	4.03	ng	83
66) 4-Bromophenyl-phenylether	10.67	248	15482	4.49	ng	# 1
70) Phenanthrene	11.39	178	320755	16.95	ng	98
71) Anthracene	11.44	178	93497	4.92	ng	97
73) Di-n-butylphthalate	11.93	149	102651	5.23	ng	99
74) Fluoranthene	12.59	202	631224	32.34	ng	93
77) Pyrene	12.81	202	614229	26.53	ng	100
80) Benzo(a)anthracene	14.00	228	467651	24.72	ng	98
82) Chrysene	14.00	228	467651	26.40	ng	96
85) Indeno(1,2,3-cd)pyrene	16.84	276	228771	16.67	ng	96
87) Benzo(b)fluoranthene	15.03	252	717189	43.67	ng	# 97
88) Benzo(k)fluoranthene	15.03	252	717189	50.58	ng	# 97
89) Benzo(a)pyrene	15.38	252	403056	28.37	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	60582	5.28	ng	# 85
91) Benzo(g,h,i)perylene	17.27	276	217382	18.74	ng	# 91

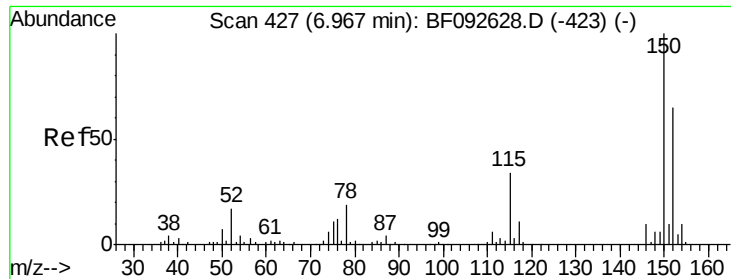
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 26 Sample Multiplier: 1

B1-4

Response via : Initial Calibration

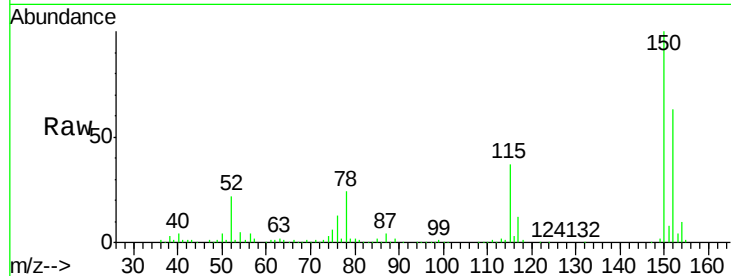




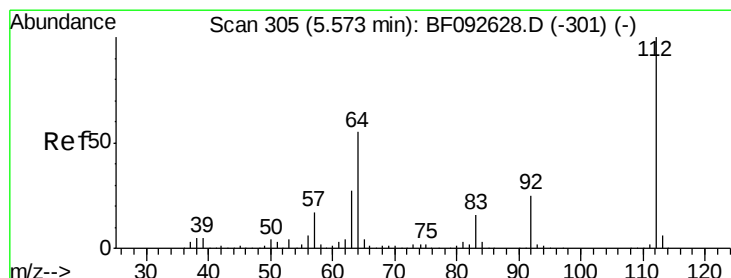
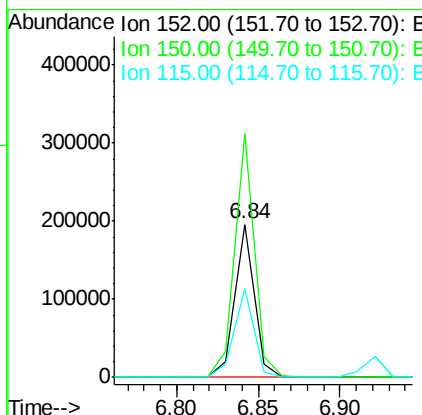
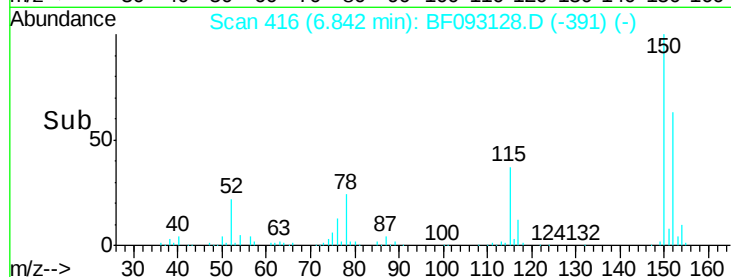
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :
 B1-4

Tgt Ion:152 Resp: 161384
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.9 187.3
 115 58.1 46.0 69.0

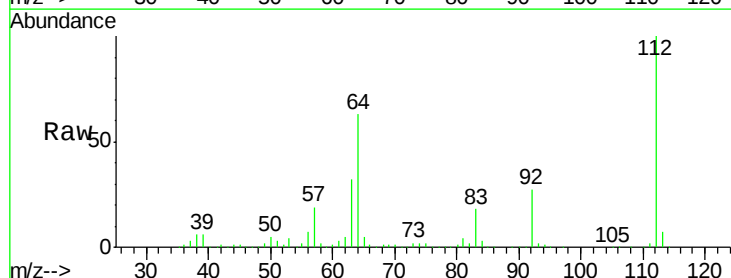


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

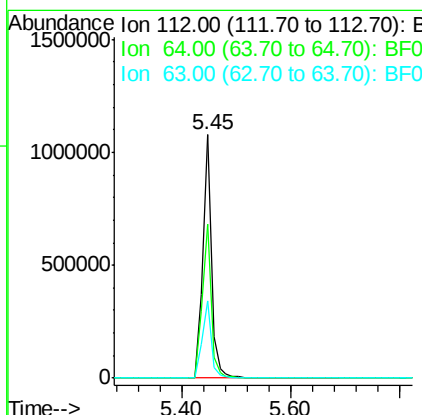
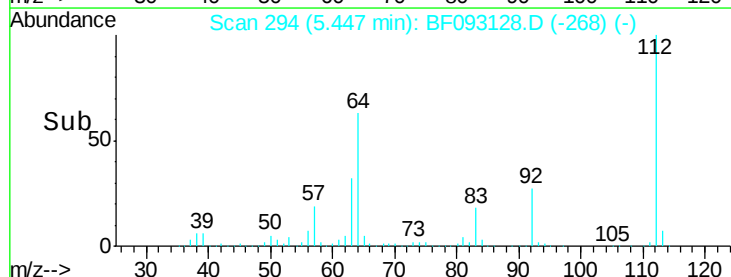


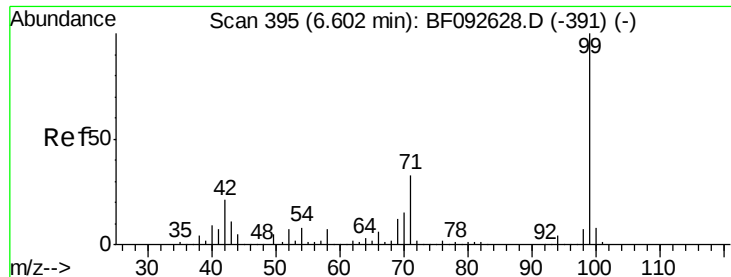
#5
 2-Fluorophenol
 Concen: 125.83 ng
 RT: 5.45 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Tgt Ion:112 Resp: 1183661
 Ion Ratio Lower Upper
 112 100
 64 63.1 46.1 69.1
 63 31.6 23.8 35.6



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: 110.45 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B1-4

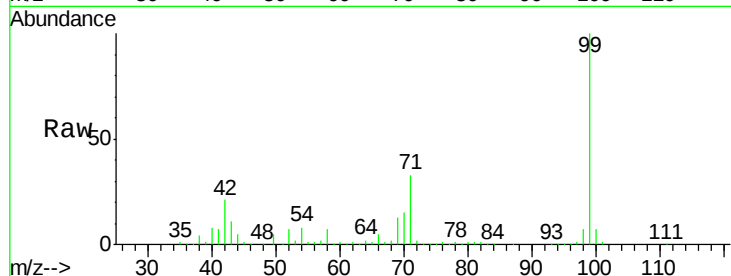
Tgt Ion: 99 Resp: 1336778

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

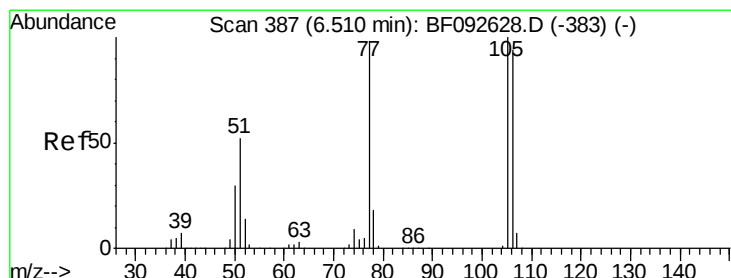
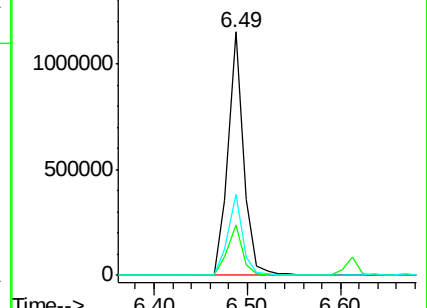
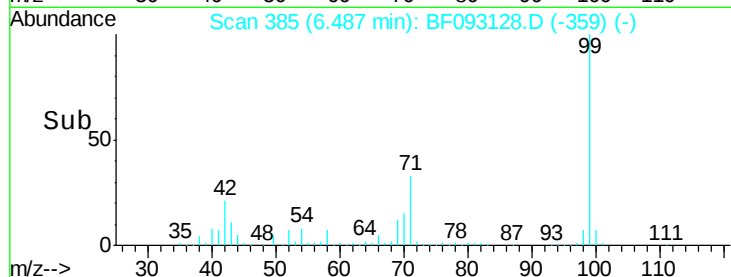
71 33.2 27.5 41.3



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



#9

Benzaldehyde

Concen: 3.57 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

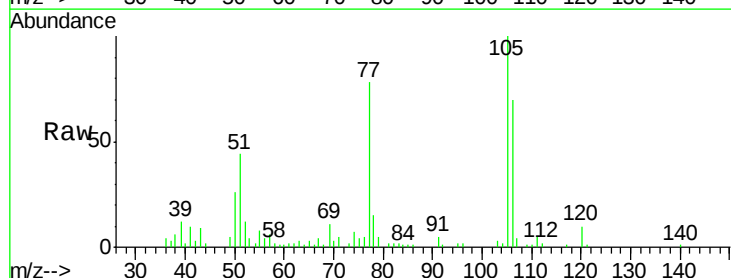
Tgt Ion: 77 Resp: 30942

Ion Ratio Lower Upper

77 100

105 128.3 83.9 123.9#

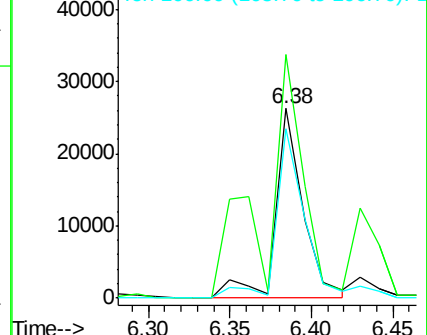
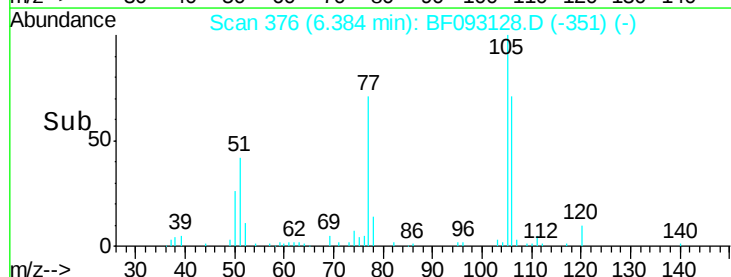
106 89.4 77.6 117.6

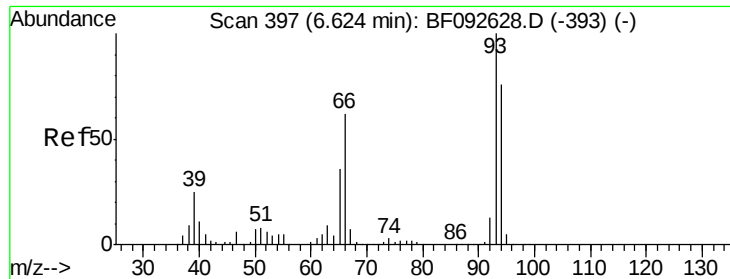


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 4.88 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B1-4

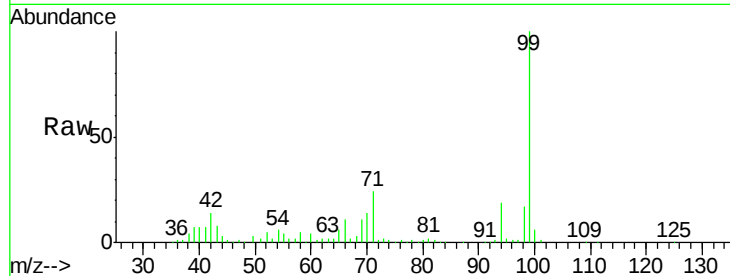
Tgt Ion: 94 Resp: 69078

Ion Ratio Lower Upper

94 100

65 34.4 21.4 61.4

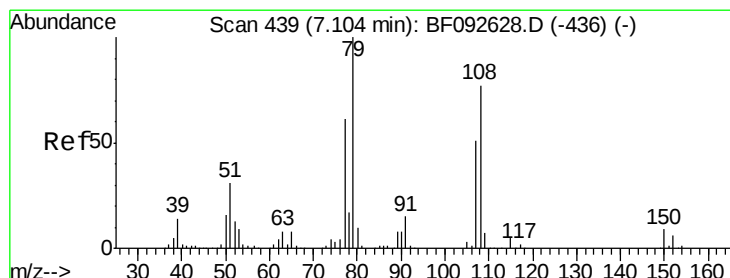
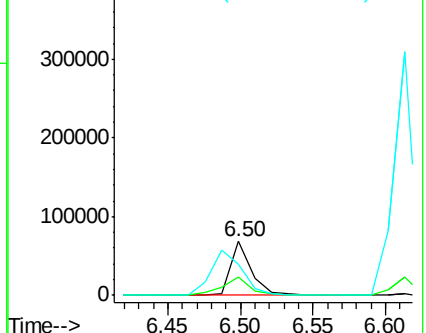
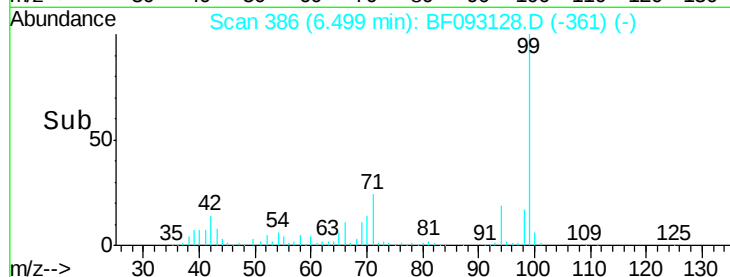
66 57.1 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

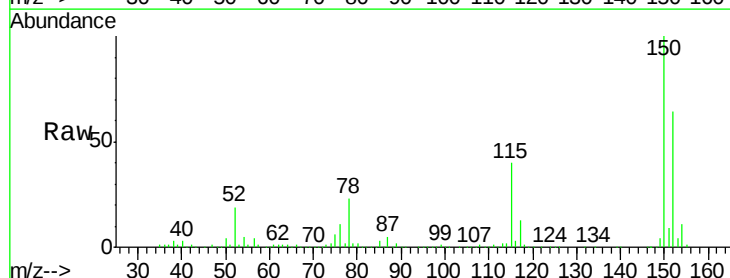
Tgt Ion: 79 Resp: 20028

Ion Ratio Lower Upper

79 100

108 37.7 61.4 92.0#

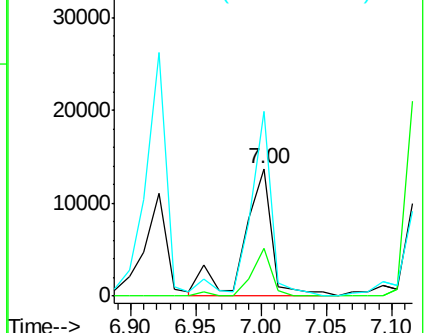
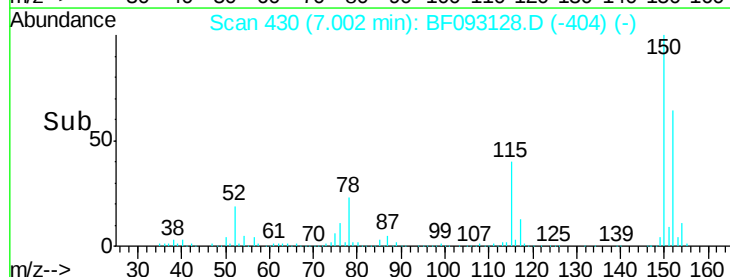
77 144.5 50.9 76.3#

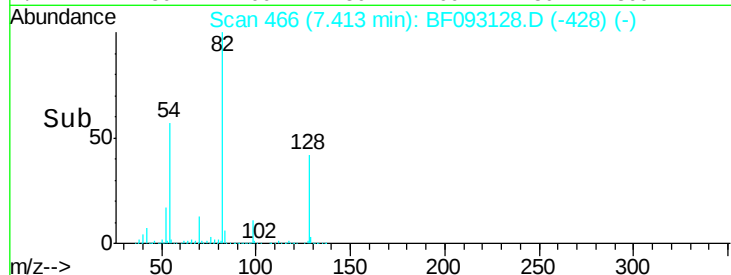
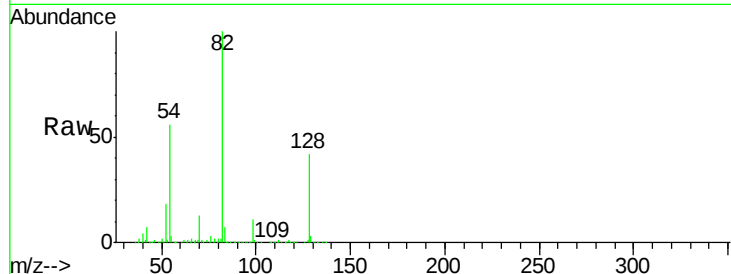
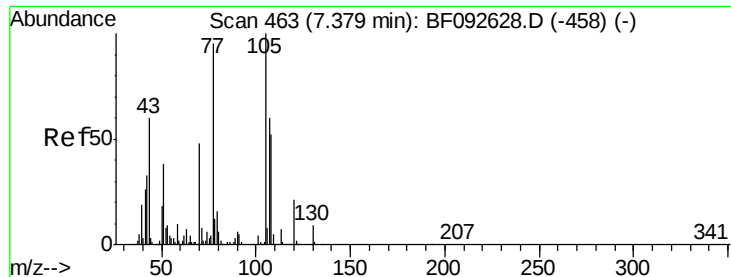


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

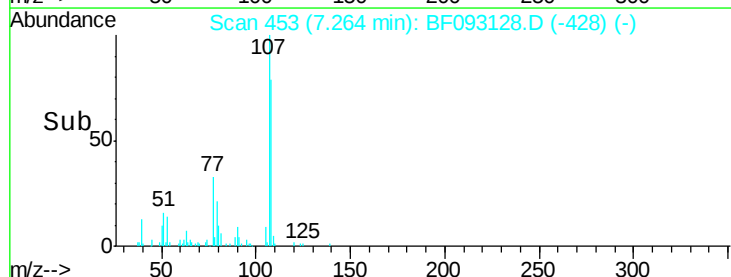
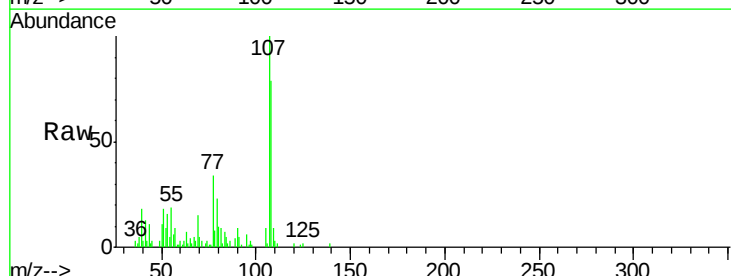
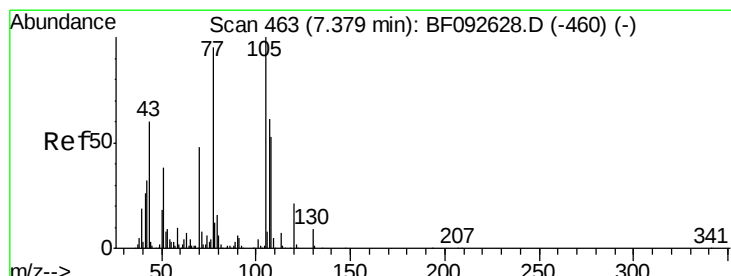
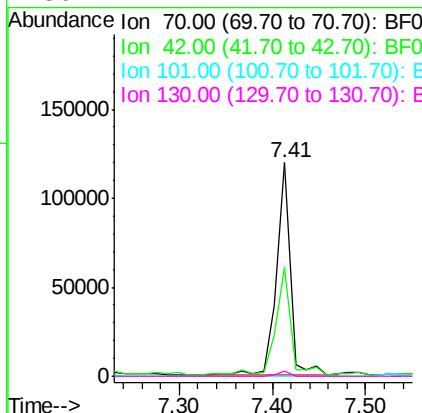




#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

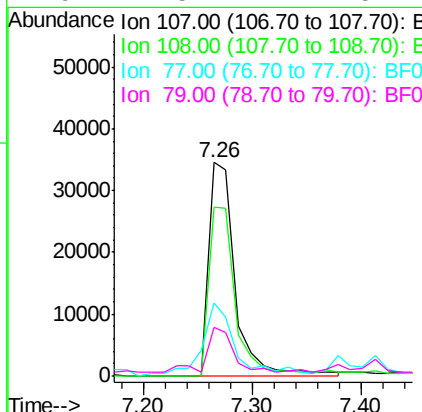
Instrument :
BNA_F
ClientSampleId :
B1-4

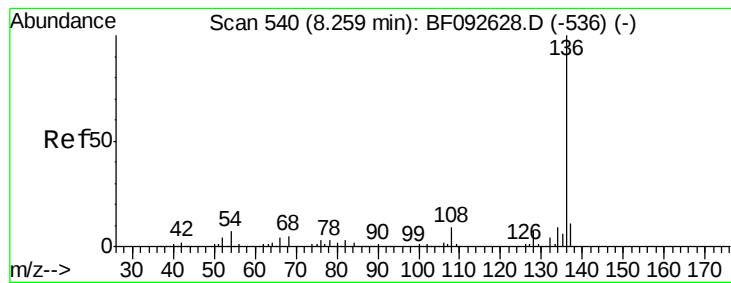
Tgt Ion:	70	Resp:	124661
Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



#20
3+4-Methylphenols
Concen: 5.54 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Tgt Ion:	107	Resp:	58968
Ion	Ratio	Lower	Upper
107	100		
108	79.4	73.0	113.0
77	34.3	71.3	111.3#
79	22.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B1-4

Tgt Ion: 136 Resp: 575062

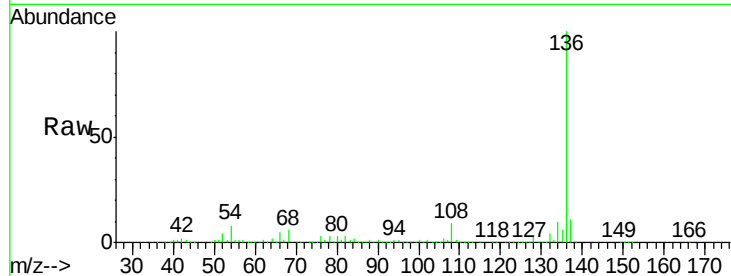
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 7.9 4.5 6.7#

68 5.9 3.6 5.4#

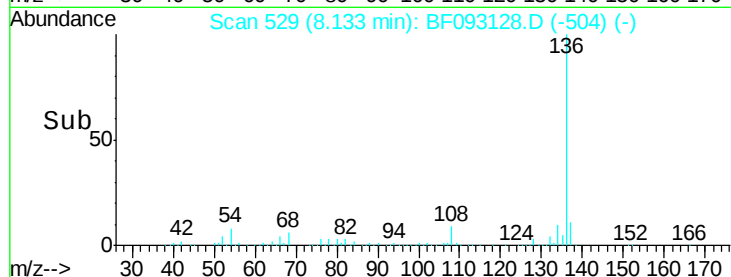


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

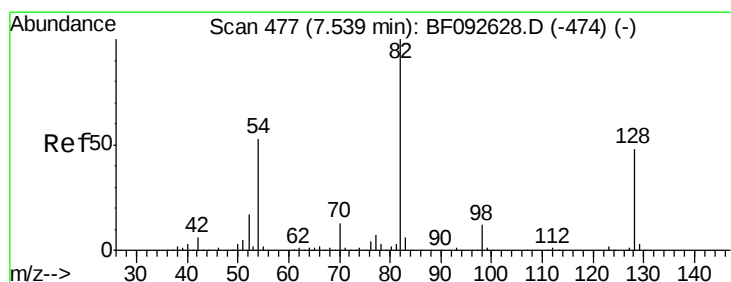
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.13



#23

Nitrobenzene-d5

Concen: 83.01 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

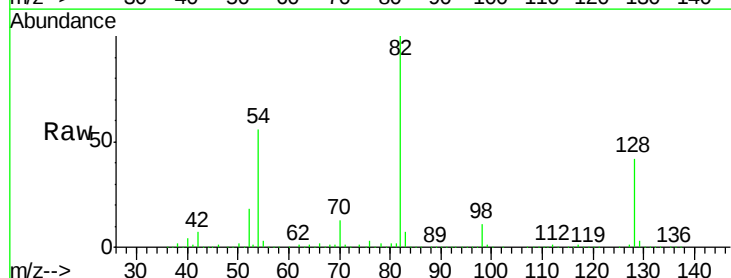
Tgt Ion: 82 Resp: 857203

Ion Ratio Lower Upper

82 100

128 42.2 34.6 52.0

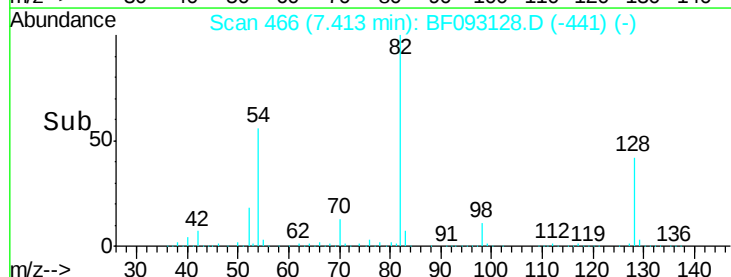
54 56.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

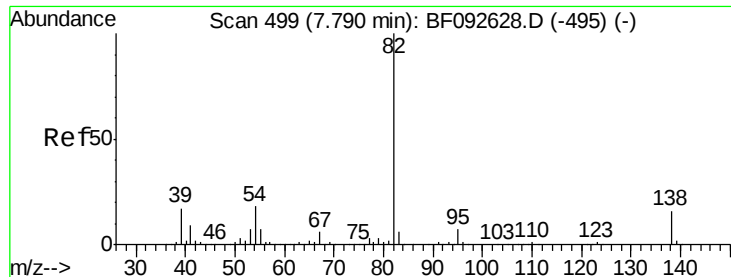
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.41



#25

Isophorone

Concen: 33.62 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.27 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampled :

B1-4

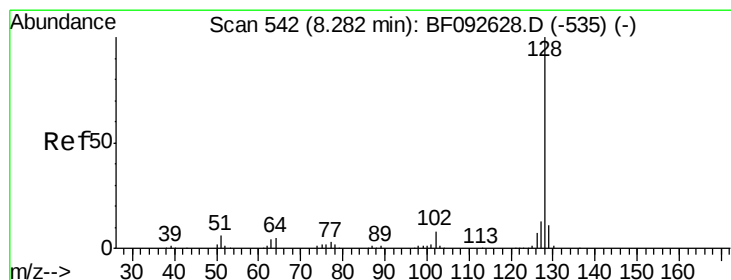
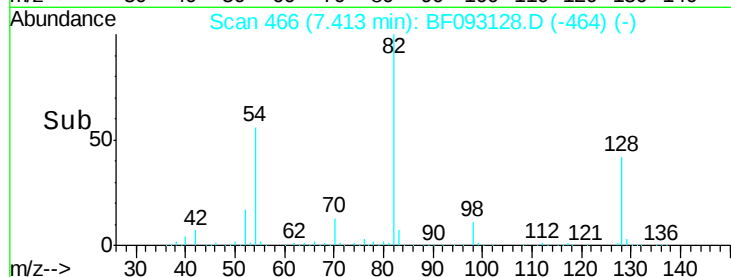
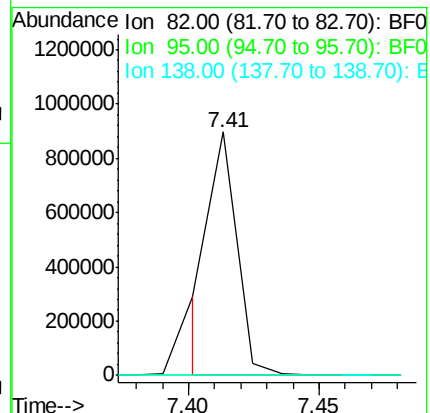
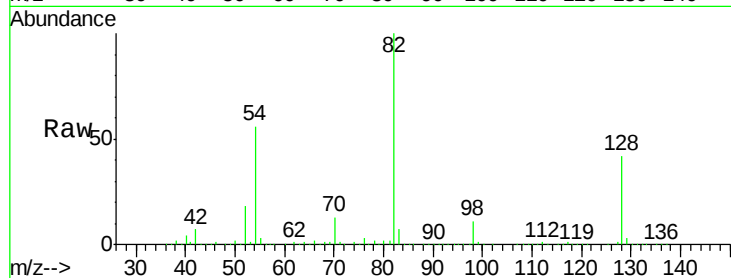
Tgt Ion: 82 Resp: 646878

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



#31

Naphthalene

Concen: 38.51 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

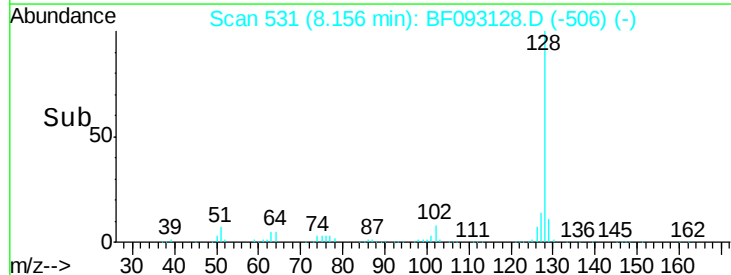
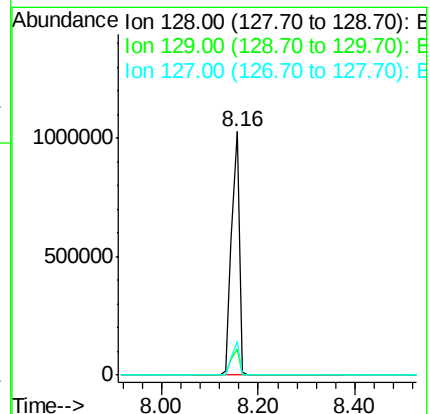
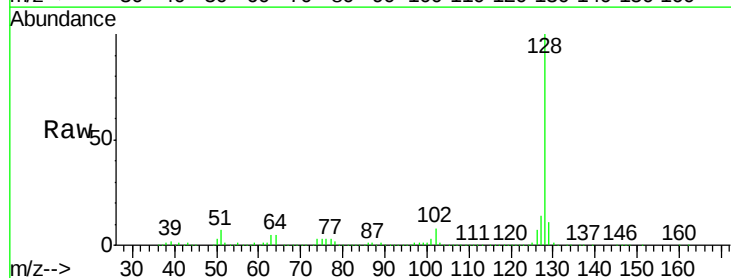
Tgt Ion: 128 Resp: 1122755

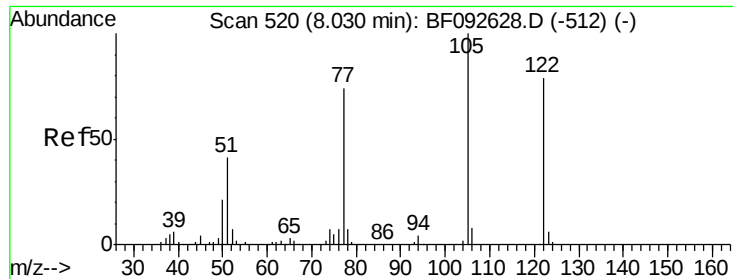
Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

127 13.7 10.8 16.2

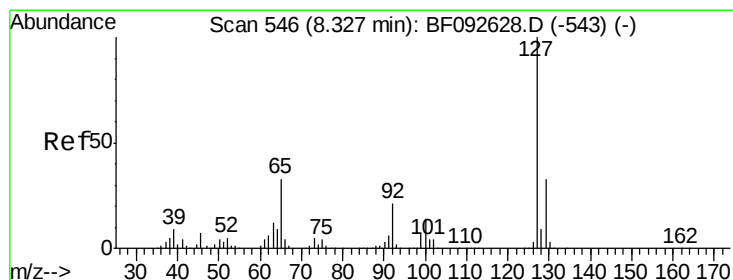
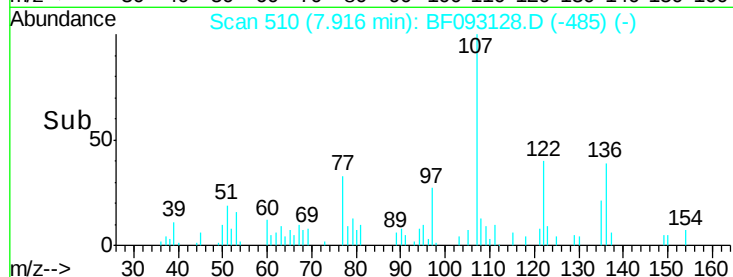
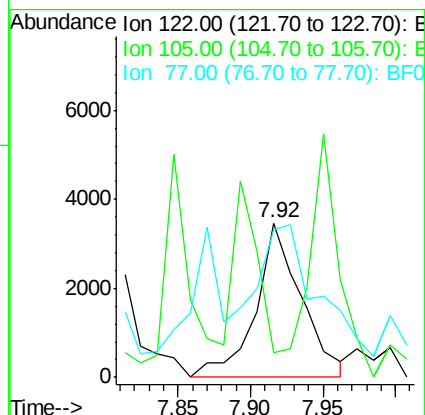
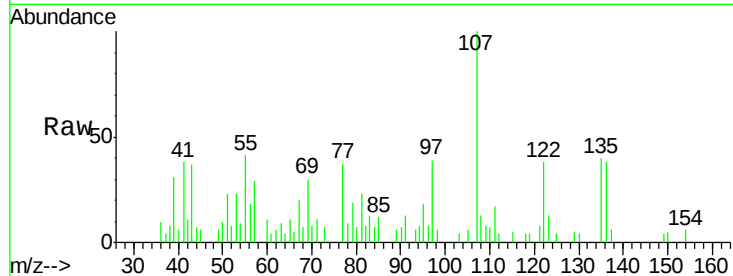




#32
Benzoic acid
Concen: 8.45 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

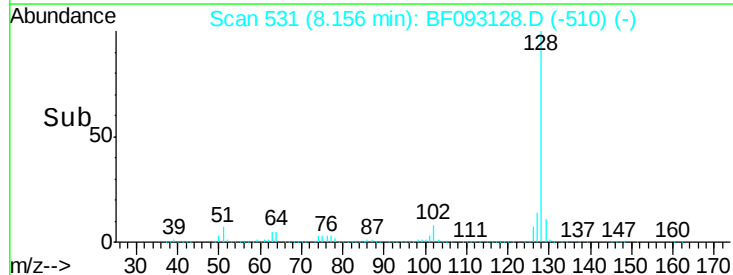
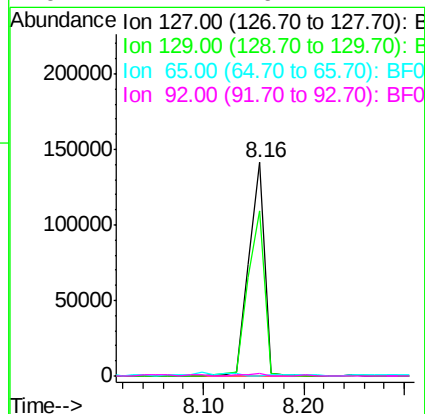
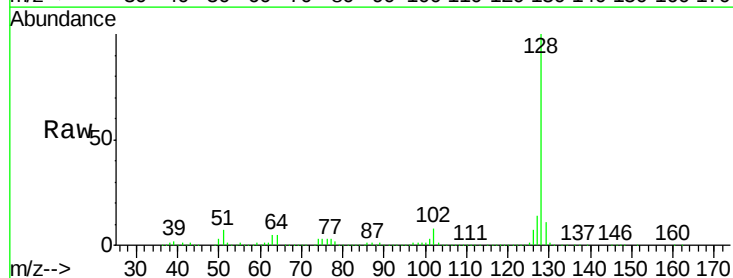
Instrument :
BNA_F
ClientSampled :
B1-4

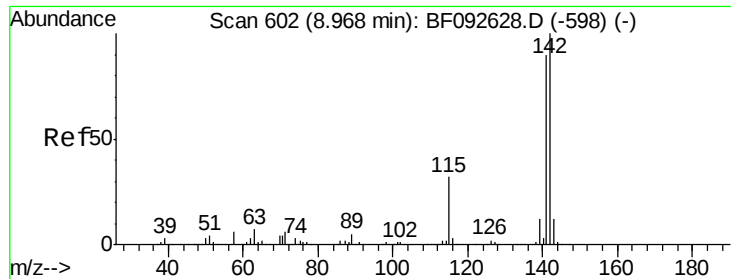
Tgt Ion:122 Resp: 7598
Ion Ratio Lower Upper
122 100
105 16.3 107.2 147.2#
77 95.4 74.5 114.5



#33
4-Chloroaniline
Concen: 13.40 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Tgt Ion:127 Resp: 153239
Ion Ratio Lower Upper
127 100
129 77.2 26.3 39.5#
65 0.0 25.8 38.8#
92 1.2 16.1 24.1#

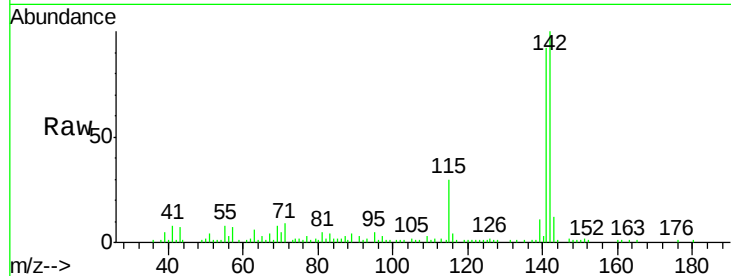




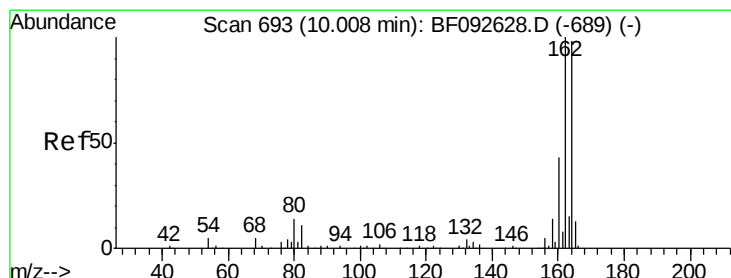
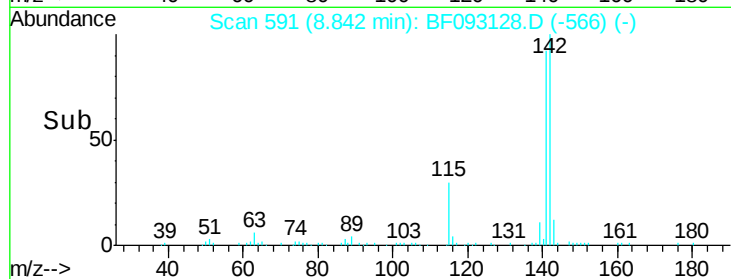
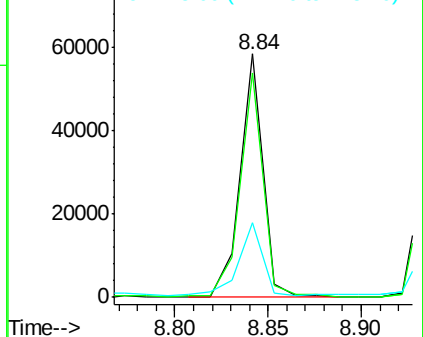
#37
 2-Methylnaphthalene
 Concen: 2.67 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :
 B1-4

Tgt Ion:142 Resp: 50028
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.0 106.6
 115 30.4 28.3 42.5

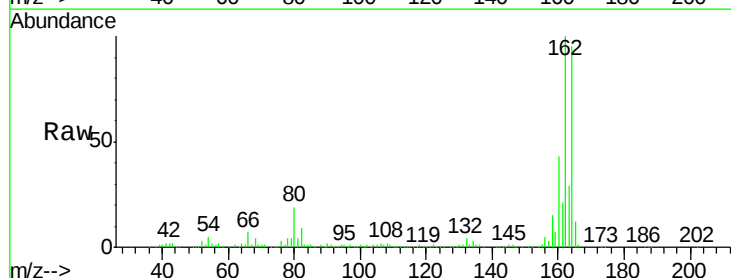


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

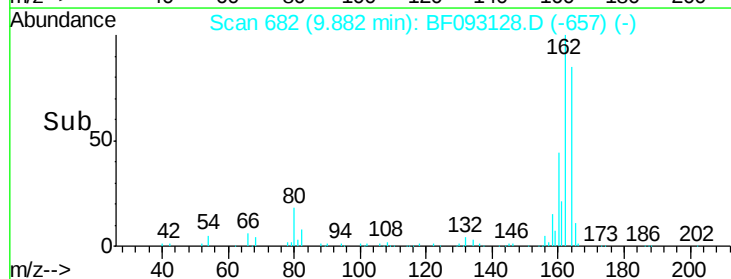
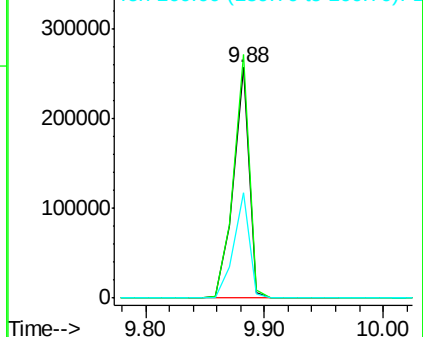


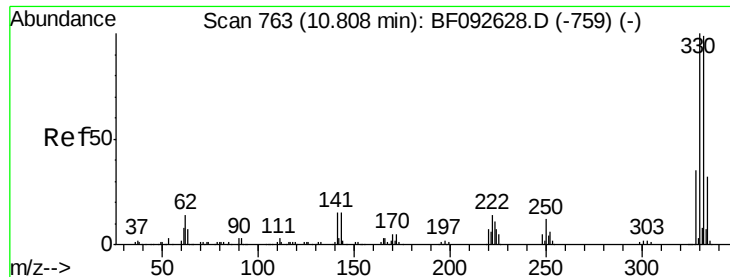
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Tgt Ion:164 Resp: 238737
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.2 120.2
 160 45.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

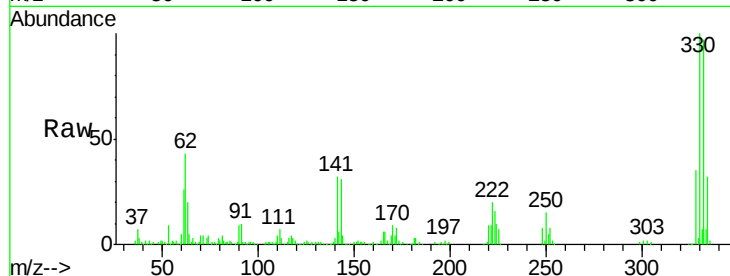




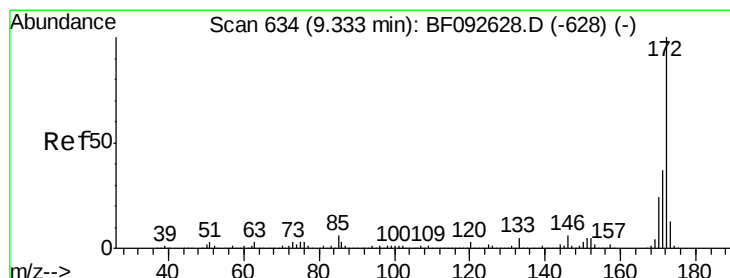
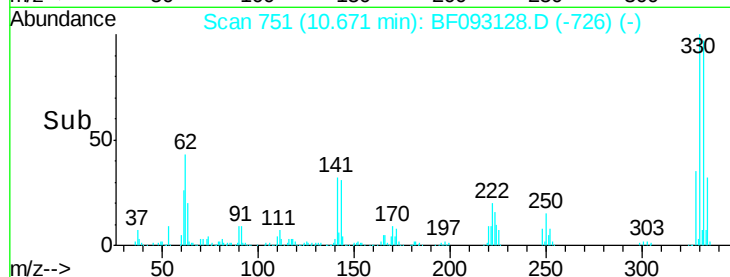
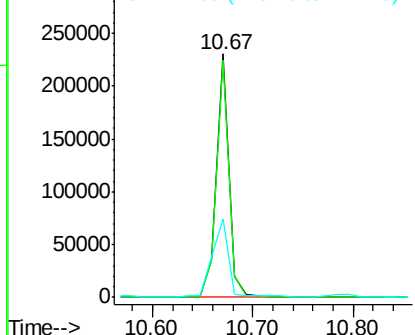
#41
 2,4,6-Tribromophenol
 Concen: 115.89 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Instrument :
 BNA_F
 ClientSampleId :
 B1-4

Tgt Ion: 330 Resp: 200114
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 40.4 34.1 51.1

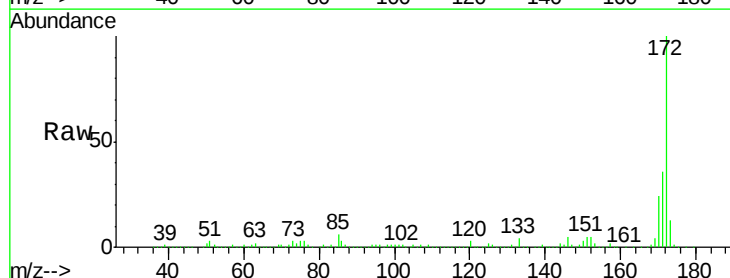


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

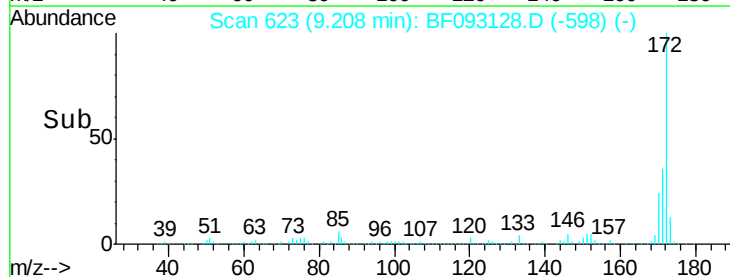
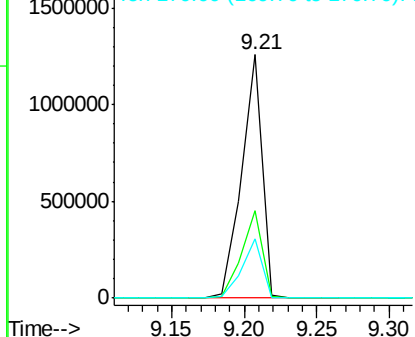


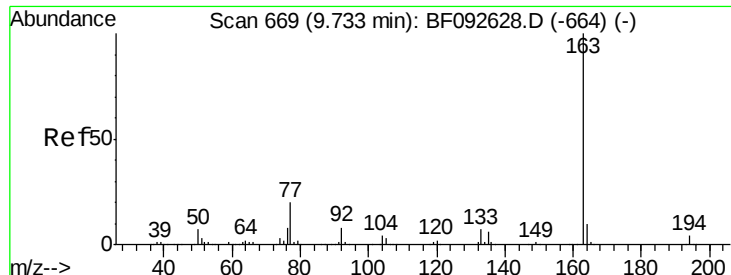
#44
 2-Fluorobiphenyl
 Concen: 93.91 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Tgt Ion: 172 Resp: 1237570
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.1 20.2 30.4



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

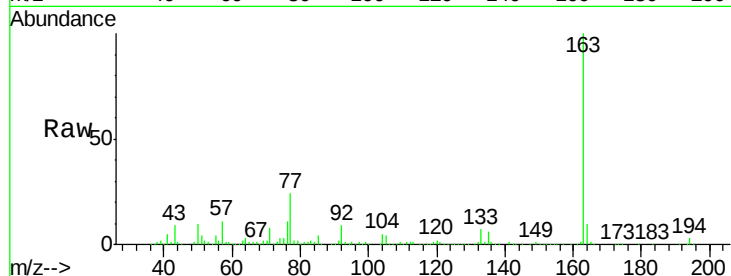




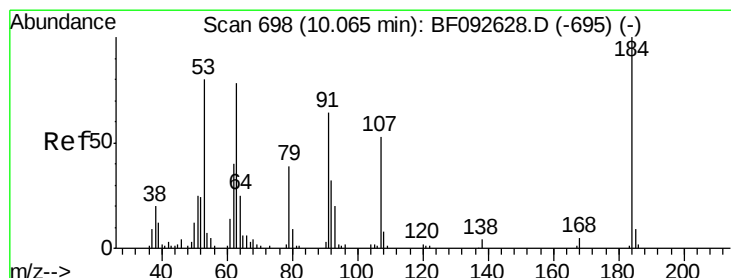
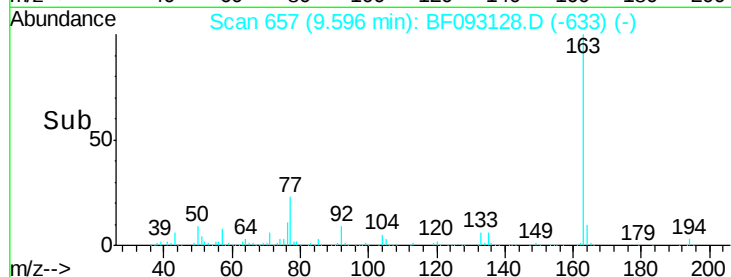
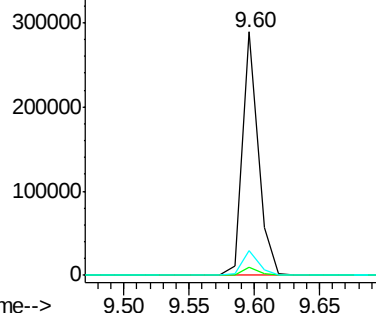
#49
Dimethylphthalate
Concen: 15.33 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:163 Resp: 246533
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.4 8.0 12.0

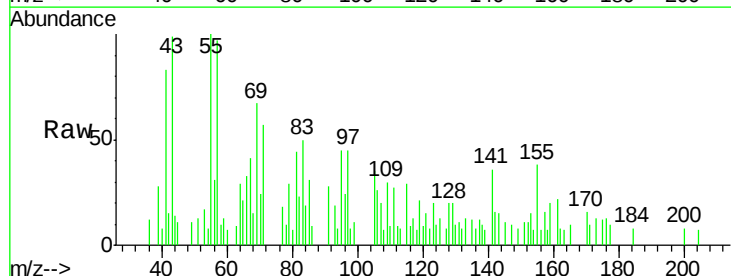


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

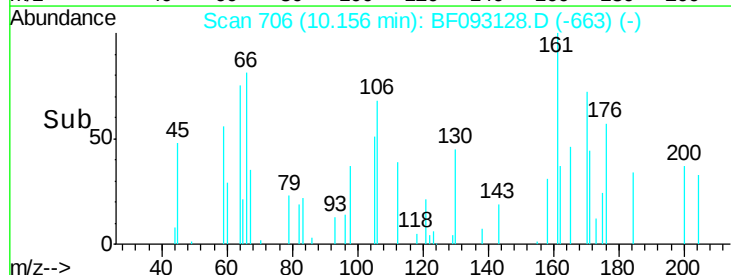
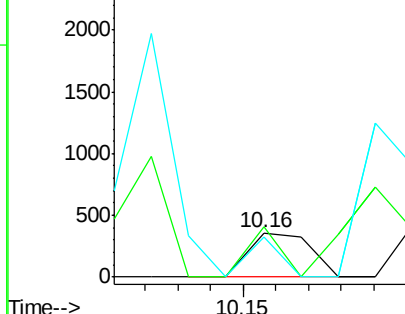


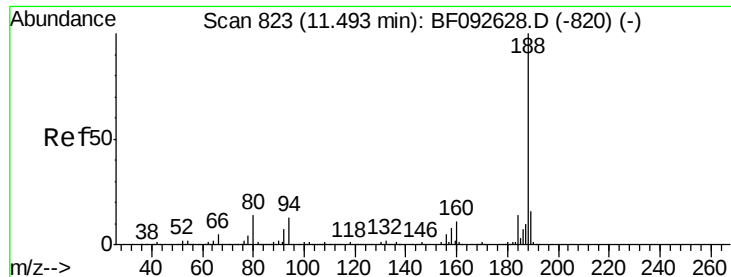
#53
2,4-Dinitrophenol
Concen: 4.98 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.19 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Tgt Ion:184 Resp: 468
Ion Ratio Lower Upper
184 100
63 115.1 28.4 42.6#
154 89.9 44.3 66.5#



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

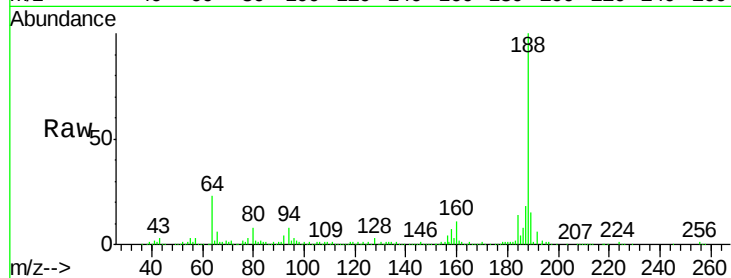




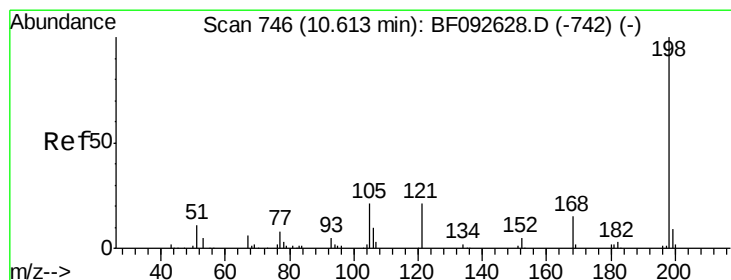
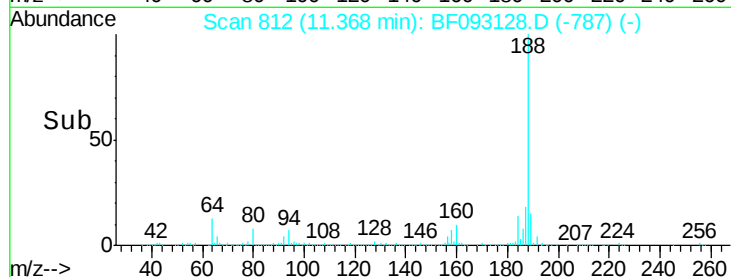
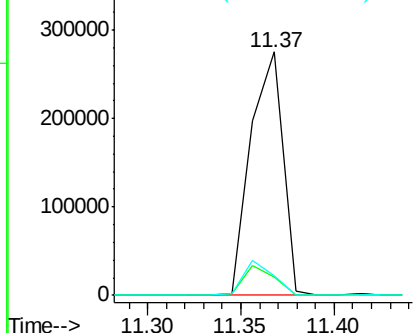
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:188 Resp: 330307
Ion Ratio Lower Upper
188 100
94 7.6 10.0 15.0#
80 7.9 11.2 16.8#

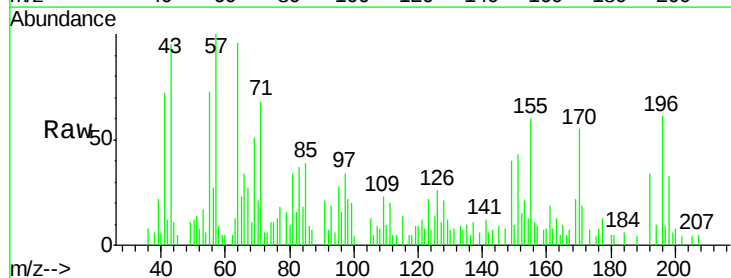


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

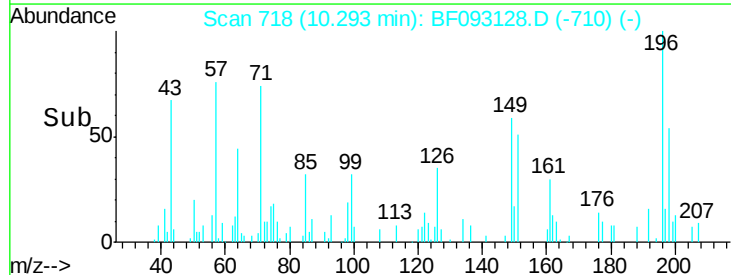
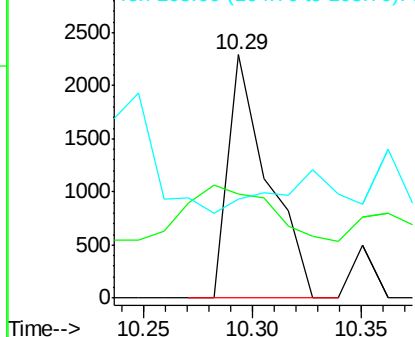


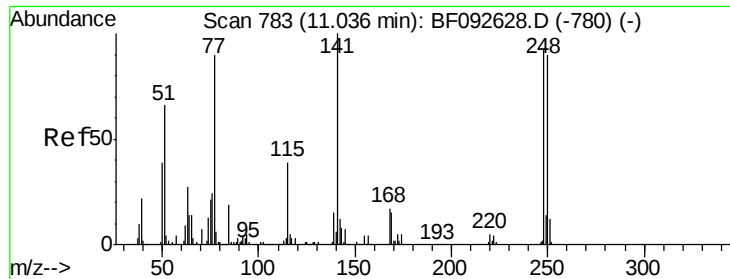
#64
4,6-Dinitro-2-methylphenol
Concen: 4.03 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.21 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Tgt Ion:198 Resp: 2902
Ion Ratio Lower Upper
198 100
51 42.7 6.7 46.7
105 40.7 16.6 56.6



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

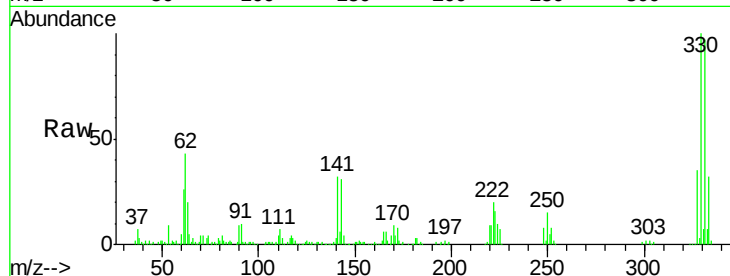




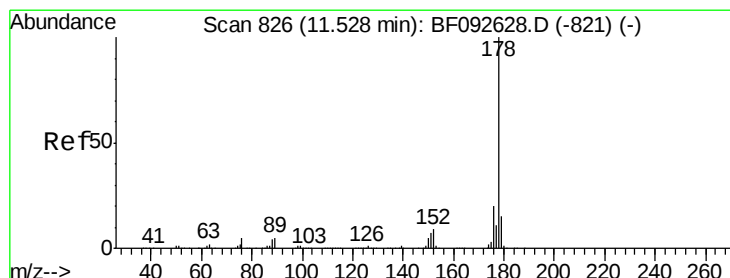
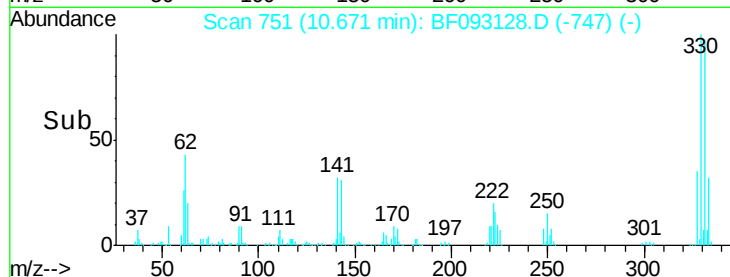
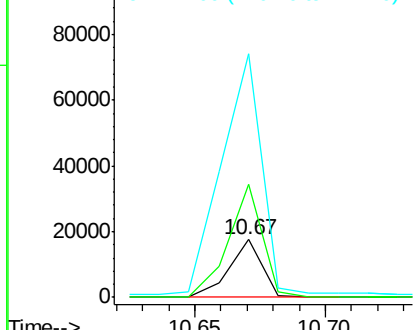
#66
 4-Bromophenyl-phenylether
 Concen: 4.49 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Instrument :
 BNA_F
 ClientSampled :
 B1-4

Tgt Ion:248 Resp: 15482
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 423.6 68.2 102.4#

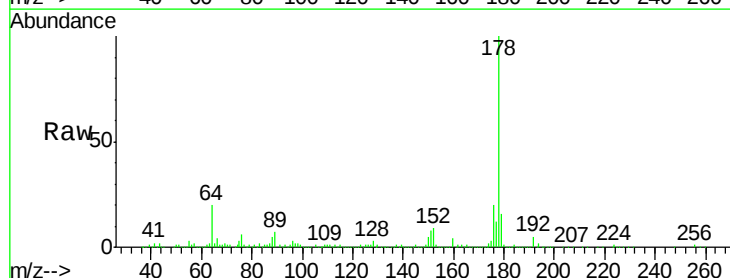


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

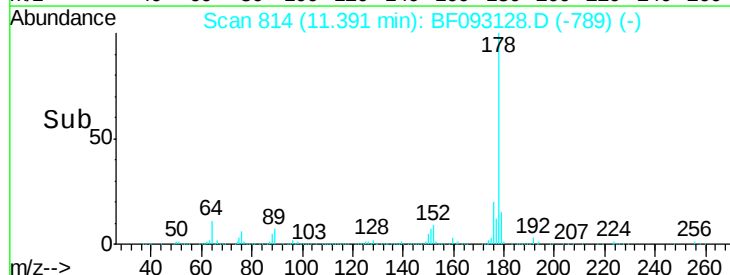
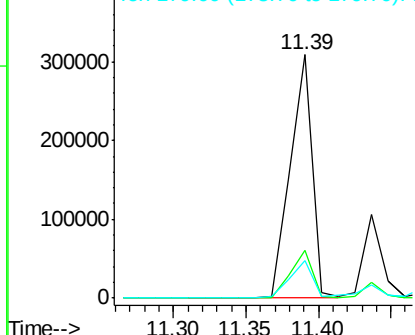


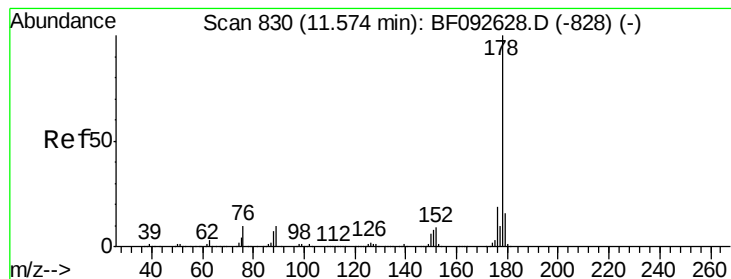
#70
 Phenanthrene
 Concen: 16.95 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093128.D
 Acq: 24 Feb 2017 2:20

Tgt Ion:178 Resp: 320755
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 15.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 4.92 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B1-4

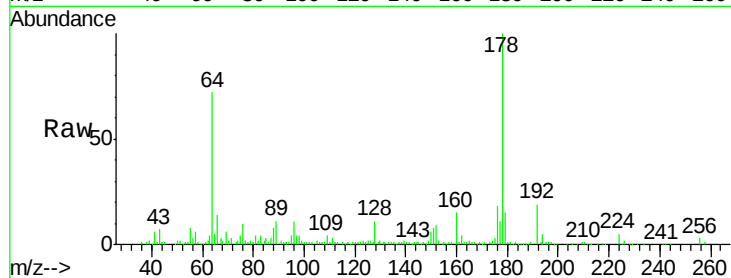
Tgt Ion:178 Resp: 93497

Ion Ratio Lower Upper

178 100

176 18.1 15.9 23.9

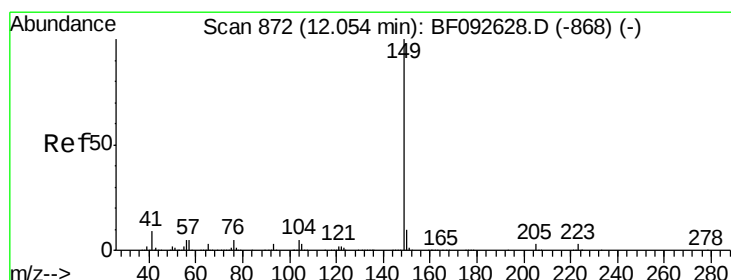
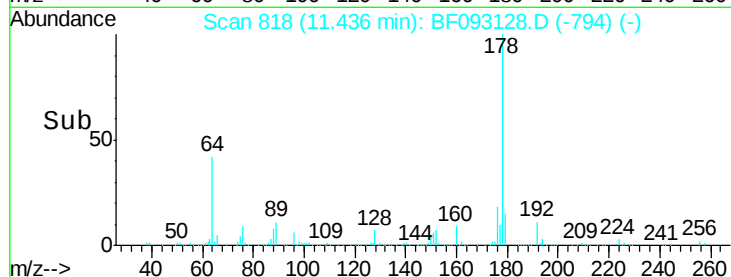
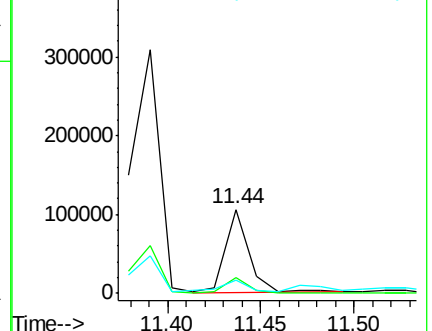
179 15.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 5.23 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

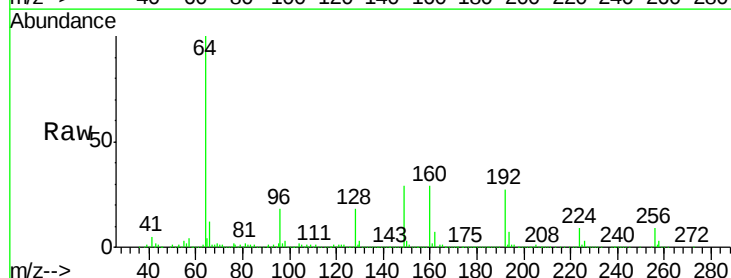
Tgt Ion:149 Resp: 102651

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

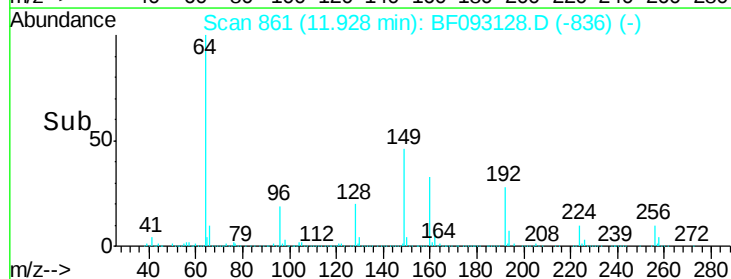
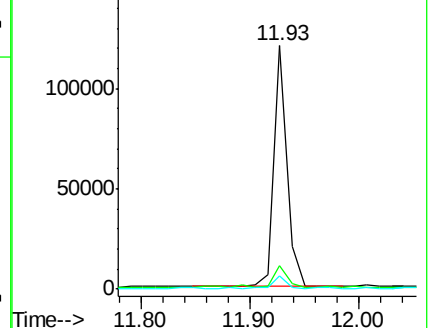
104 5.4 4.6 7.0

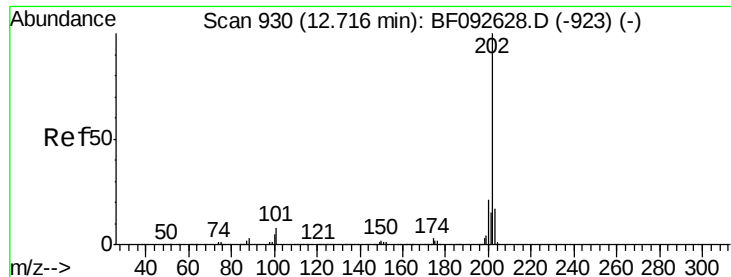


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

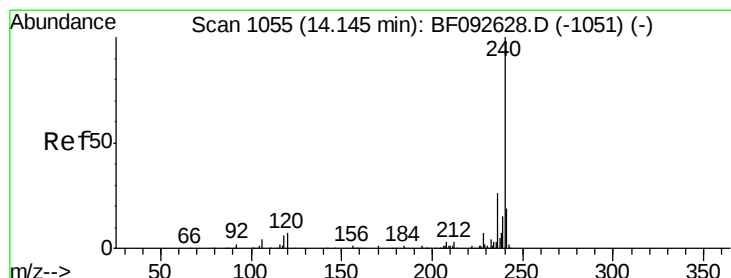
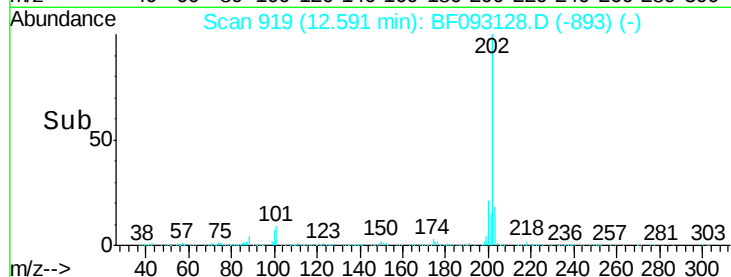
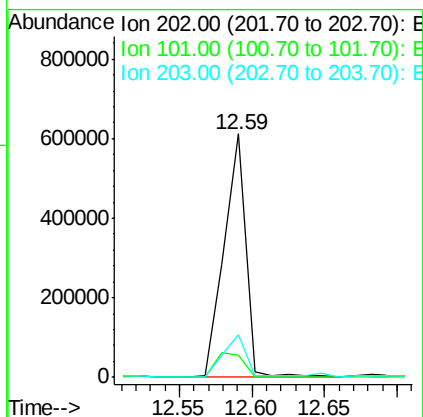
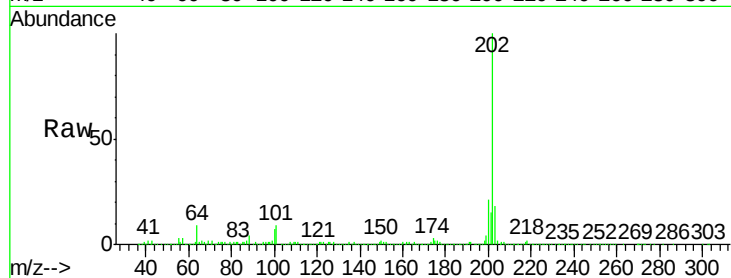




#74
Fluoranthene
Concen: 32.34 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

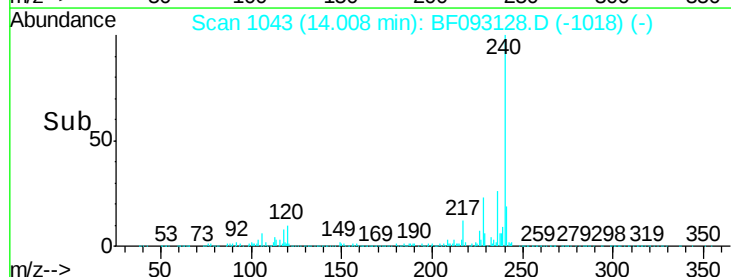
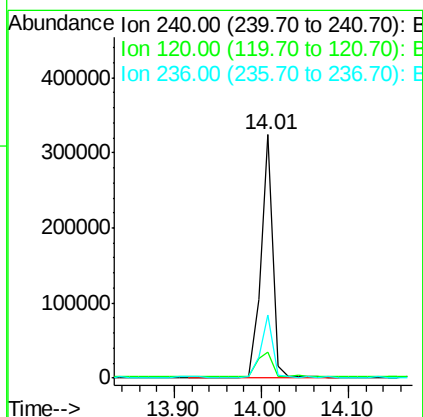
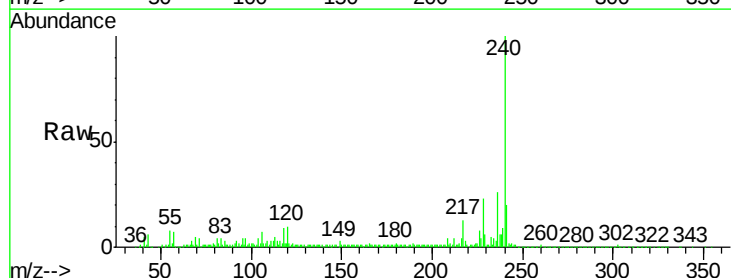
Instrument :
BNA_F
ClientSampleId :
B1-4

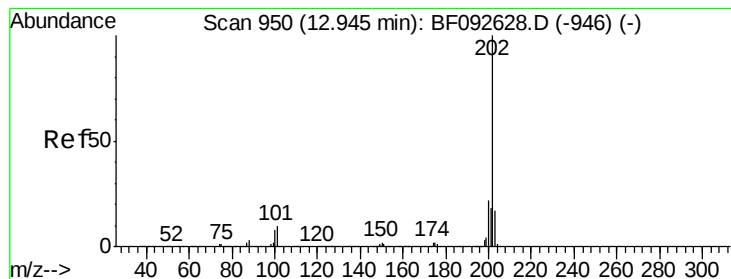
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.6
203	17.7	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.9	19.3#
236	25.9	20.9	31.3





#77

Pyrene

Concen: 26.53 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B1-4

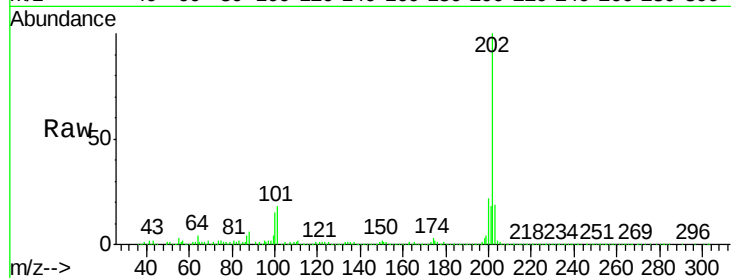
Tgt Ion:202 Resp: 614229

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

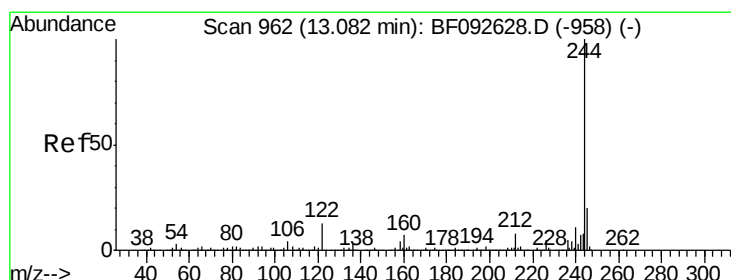
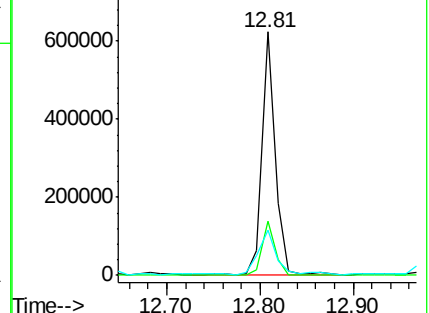
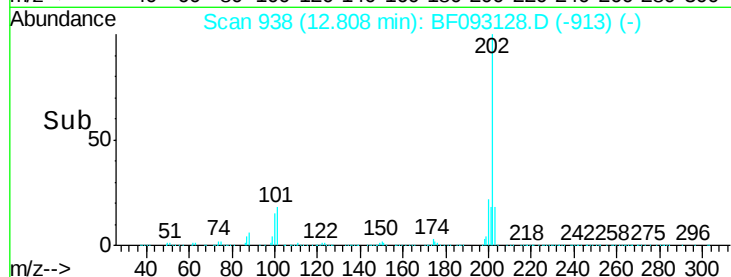
203 18.5 14.7 22.1



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: 49.44 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

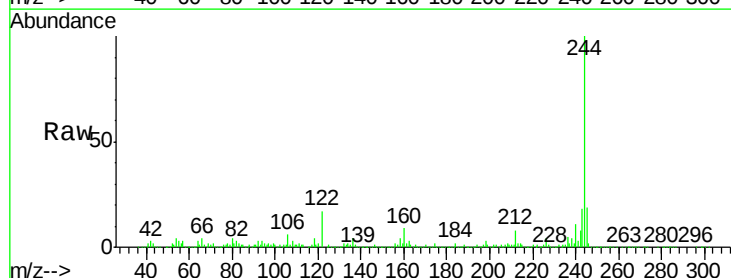
Tgt Ion:244 Resp: 650857

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

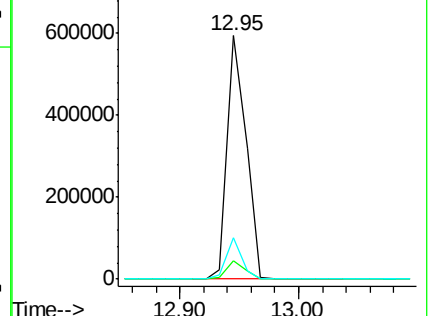
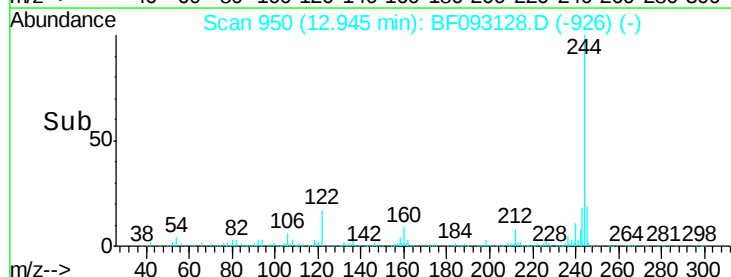
122 17.2 11.4 17.2#

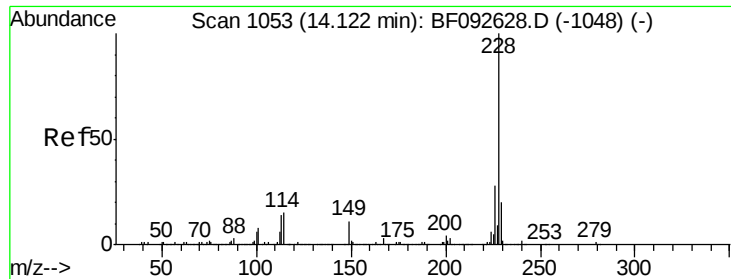


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 24.72 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampled :

B1-4

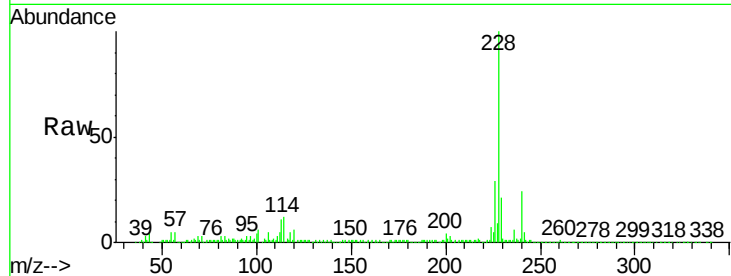
Tgt Ion:228 Resp: 467651

Ion Ratio Lower Upper

228 100

226 29.3 22.4 33.6

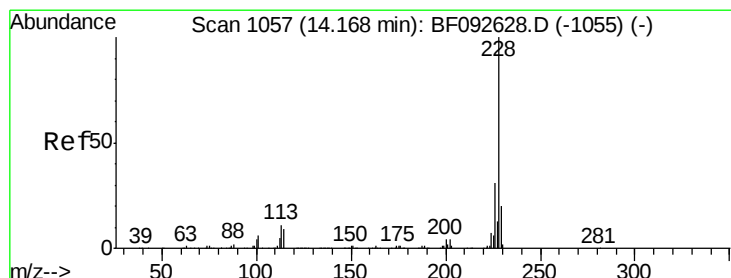
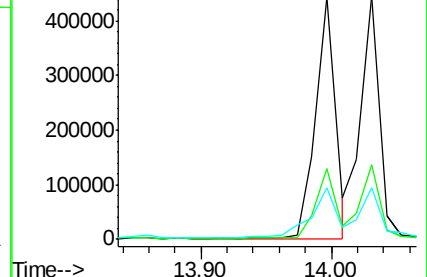
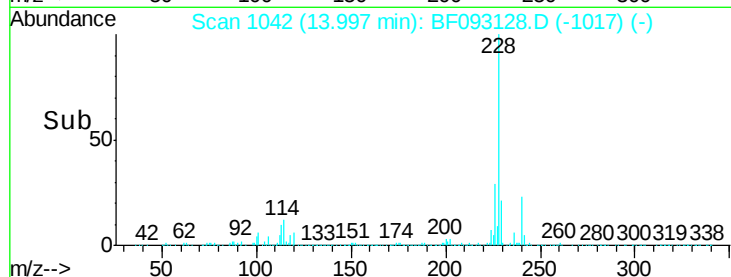
229 21.3 16.2 24.4



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: 26.40 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

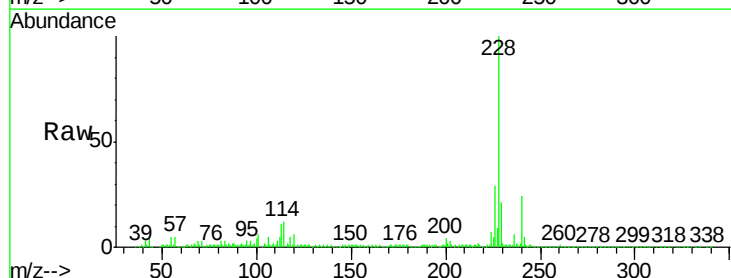
Tgt Ion:228 Resp: 467651

Ion Ratio Lower Upper

228 100

226 29.3 25.4 38.0

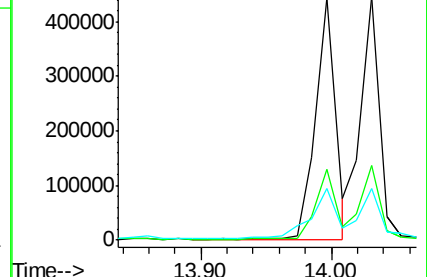
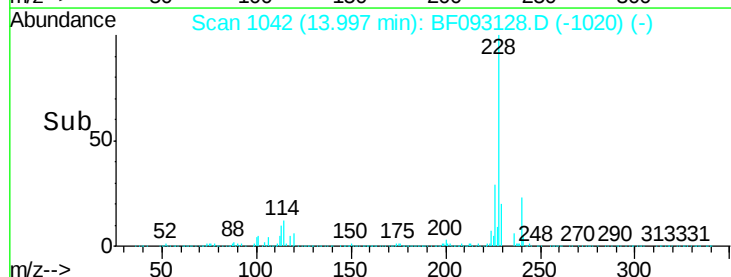
229 21.3 16.2 24.2

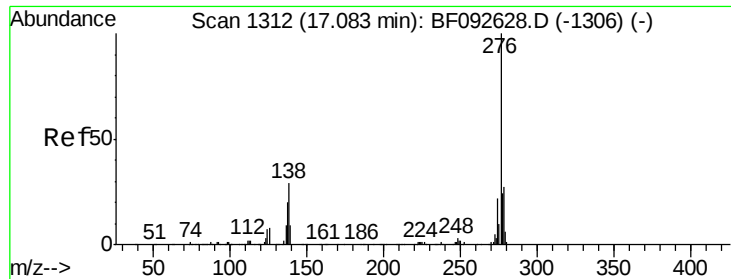


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

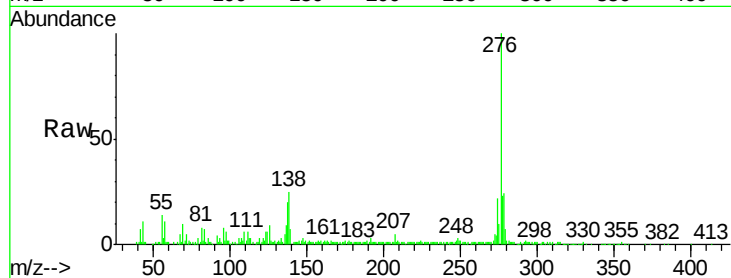




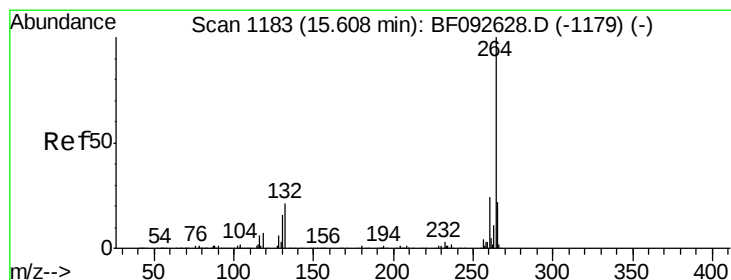
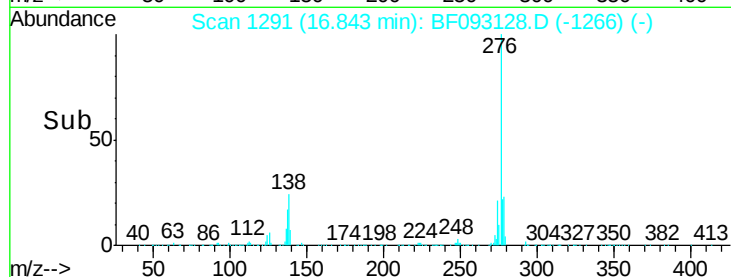
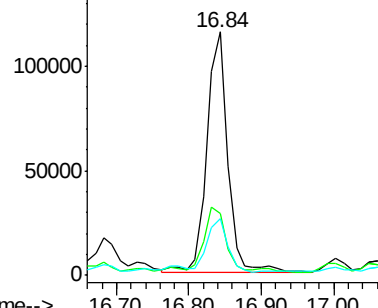
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.67 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion: 276 Resp: 228771
Ion Ratio Lower Upper
276 100
138 28.4 21.8 32.6
277 21.9 20.2 30.4

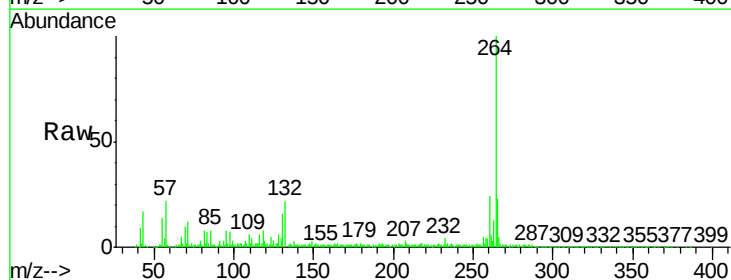


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

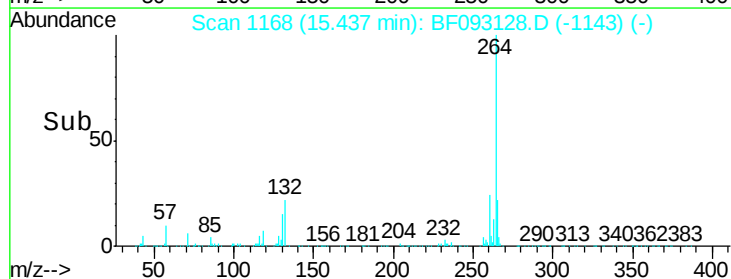
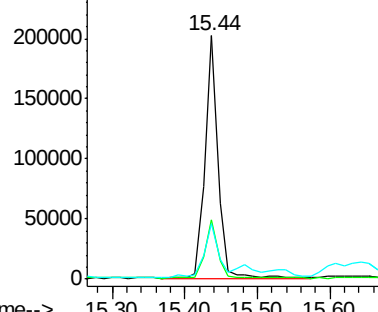


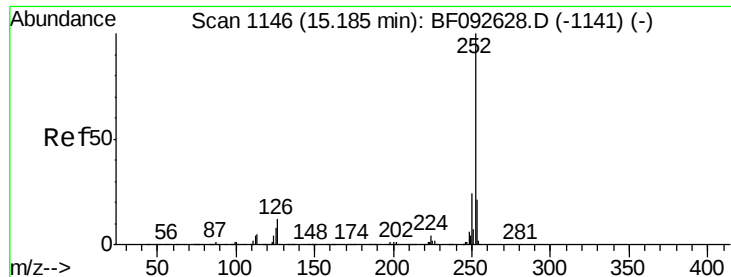
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093128.D
Acq: 24 Feb 2017 2:20

Tgt Ion: 264 Resp: 249501
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.5 17.4 26.0



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: 43.67 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

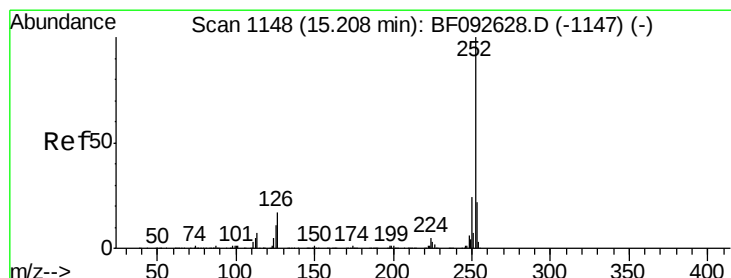
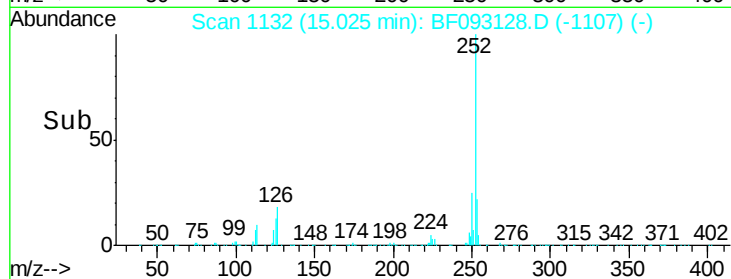
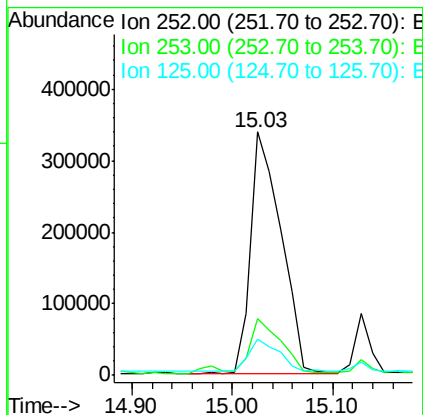
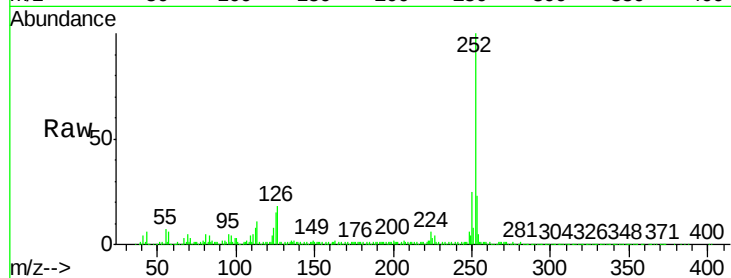
Instrument :

BNA_F

ClientSampleId :

B1-4

Tgt Ion:	252	Resp:	717189
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.2	27.4
125	15.0	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 50.58 ng

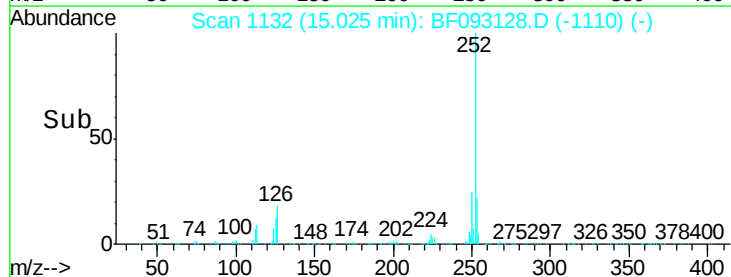
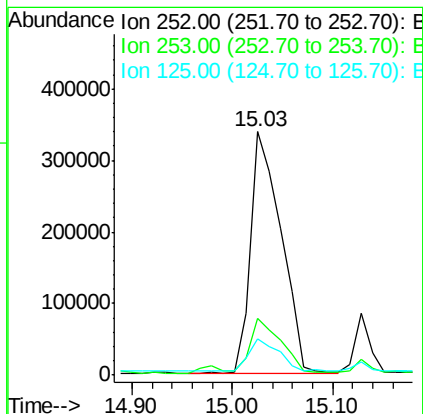
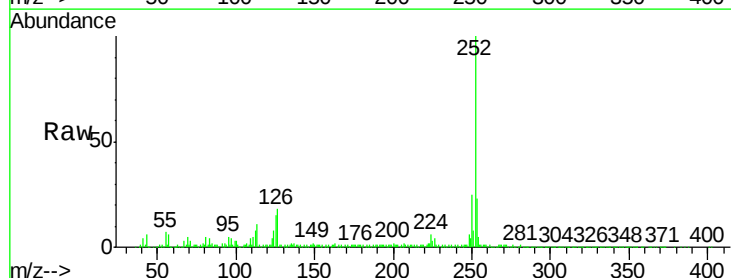
RT: 15.03 min Scan# 1132

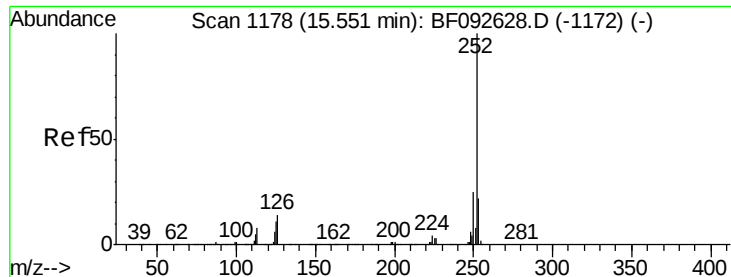
Delta R.T. -0.05 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Tgt Ion:	252	Resp:	717189
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	15.0	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 28.37 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

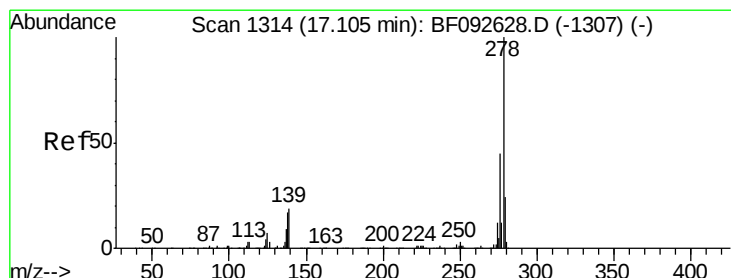
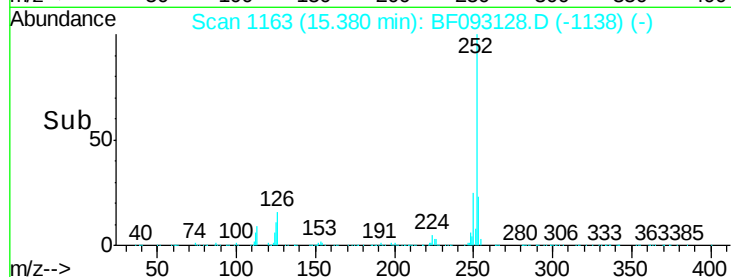
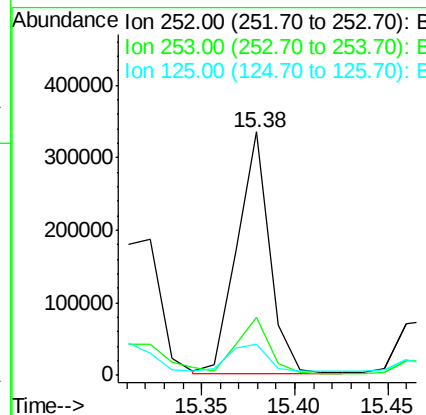
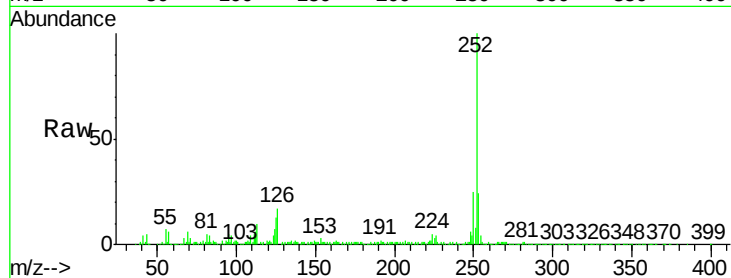
Instrument :

BNA_F

ClientSampleId :

B1-4

Tgt Ion:	252	Resp:	403056
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.2
125	12.8	10.0	15.0



#90

Dibenzo(a,h)anthracene

Concen: 5.28 ng

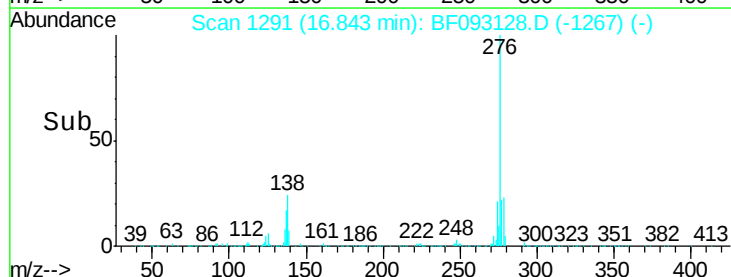
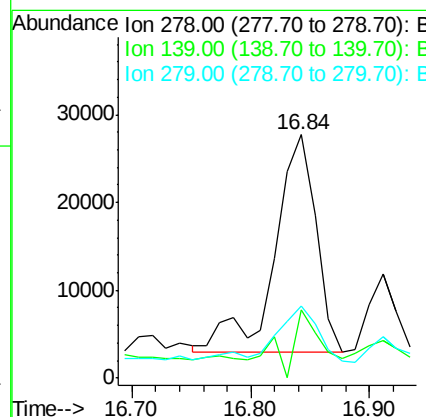
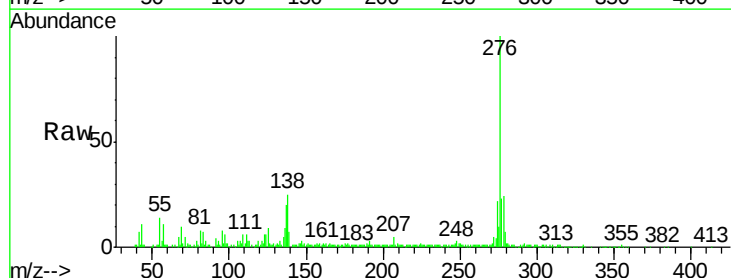
RT: 16.84 min Scan# 1291

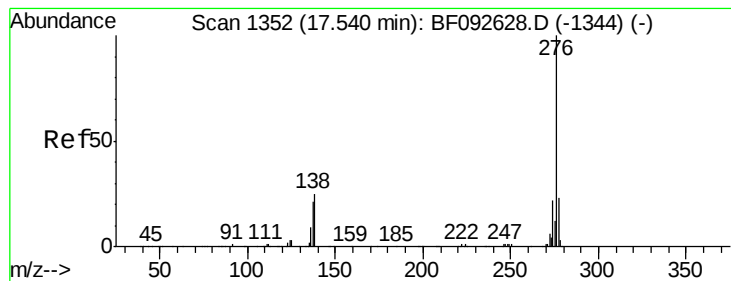
Delta R.T. -0.02 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Tgt Ion:	278	Resp:	60582
Ion Ratio	Lower	Upper	
278	100		
139	27.8	14.8	22.2#
279	29.9	19.8	29.6#





#91

Benzo(g,h,i)perylene

Concen: 18.74 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF093128.D

Acq: 24 Feb 2017 2:20

Instrument :

BNA_F

ClientSampleId :

B1-4

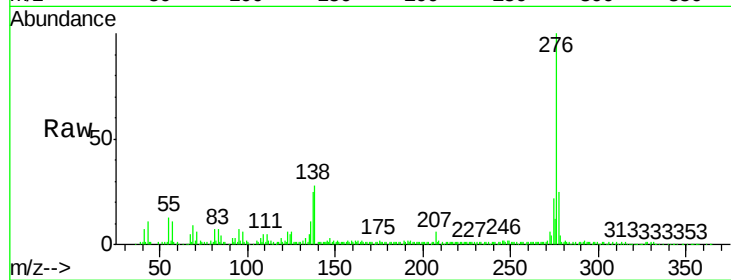
Tgt Ion: 276 Resp: 217382

Ion Ratio Lower Upper

276 100

277 25.0 19.2 28.8

138 27.7 16.0 24.0#



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

