

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093939.D
 Acq On : 27 Mar 2017 12:54
 Operator : SJ/MA
 Sample : I2367-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB10-NSW

Quant Time: Mar 27 16:23:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

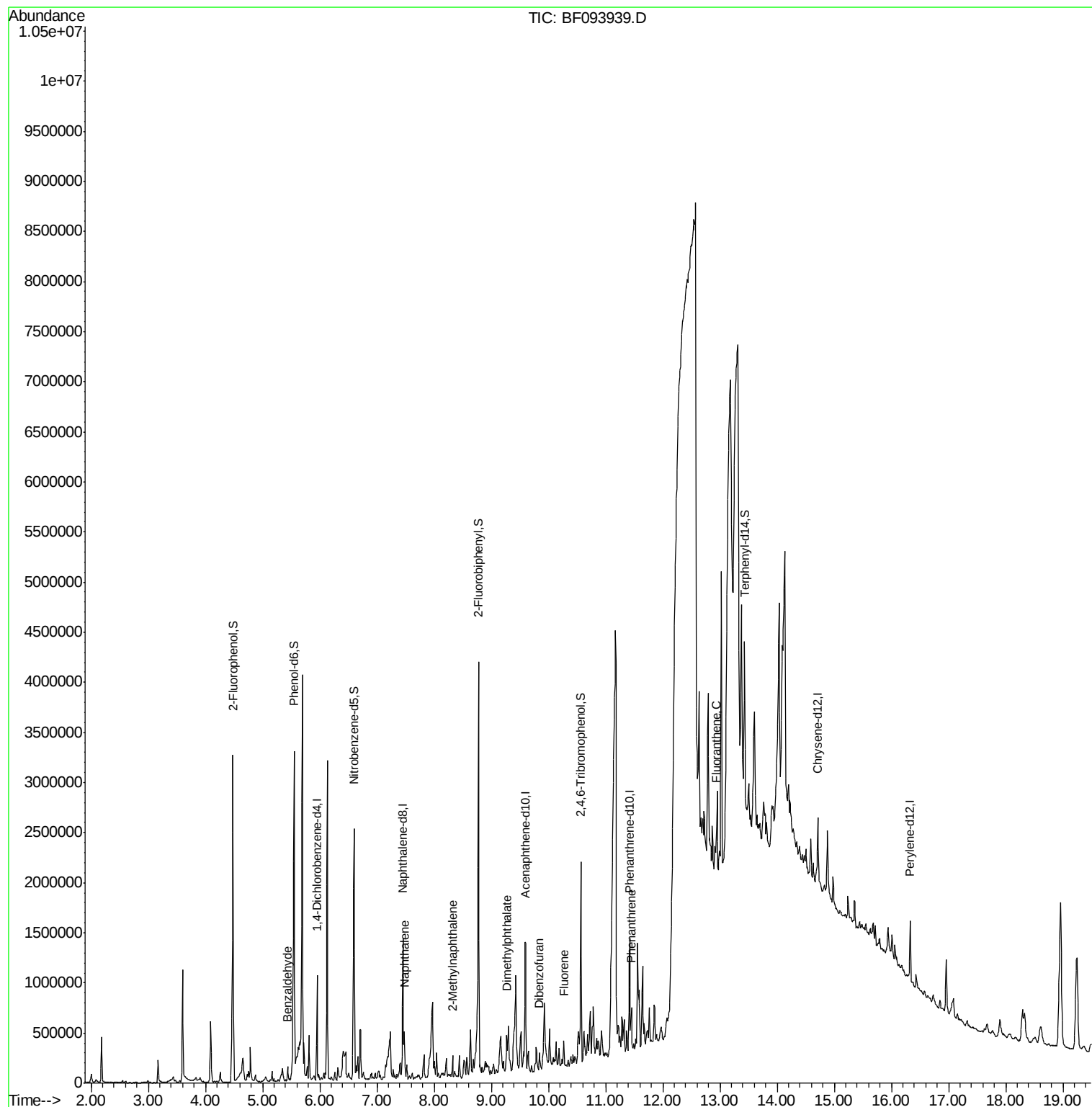
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.95	152	171408	20.00	ng	0.00
21) Naphthalene-d8	7.45	136	663082	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	275559	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	407274	20.00	ng	0.00
75) Chrysene-d12	14.72	240	307098	20.00	ng	0.04
86) Perylene-d12	16.33	264	286926	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	1206048	118.84	ng	0.00
7) Phenol-d6	5.55	99	1443300	114.96	ng	0.00
23) Nitrobenzene-d5	6.60	82	900837	77.53	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	253815	116.56	ng	0.00
44) 2-Fluorobiphenyl	8.78	172	1510120	83.59	ng	0.00
78) Terphenyl-d14	13.43	244	802939	58.61	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	5.44	77	26126	3.08	ng	93
31) Naphthalene	7.47	128	131007	4.11	ng	99
37) 2-Methylnaphthalene	8.32	142	63076	2.97	ng	96
49) Dimethylphthalate	9.27	163	141754	7.24	ng	100
54) Dibenzofuran	9.85	168	50960	2.22	ng	# 96
57) Fluorene	10.27	166	47516	2.49	ng	# 94
70) Phenanthrene	11.45	178	151878	6.70	ng	99
74) Fluoranthene	12.93	202	63251	2.73	ng	# 73

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

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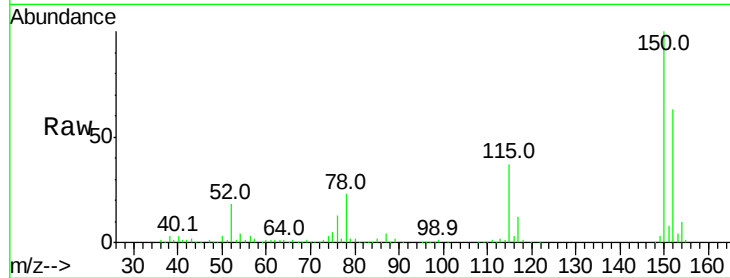


#1

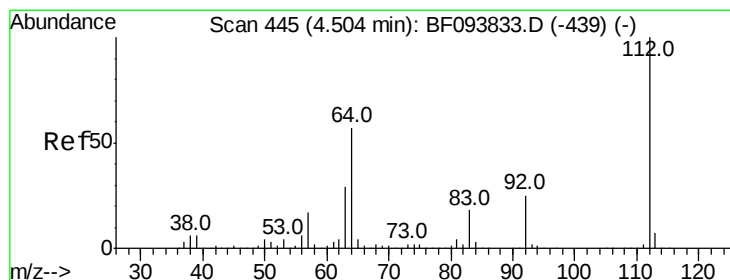
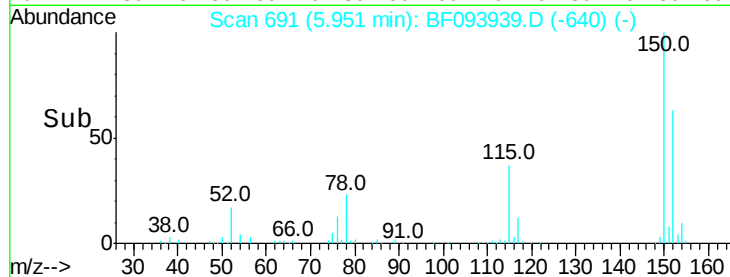
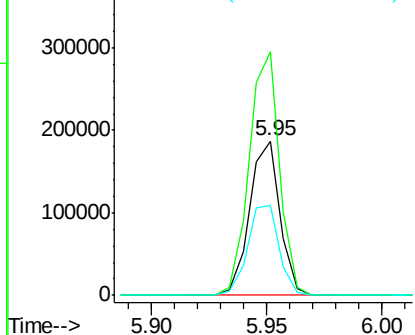
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.95 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB10-NSW

Tot Ion:152 Resp: 171408
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 58.1 52.2 78.2



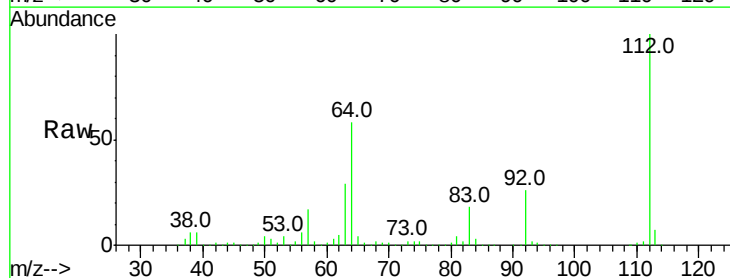
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



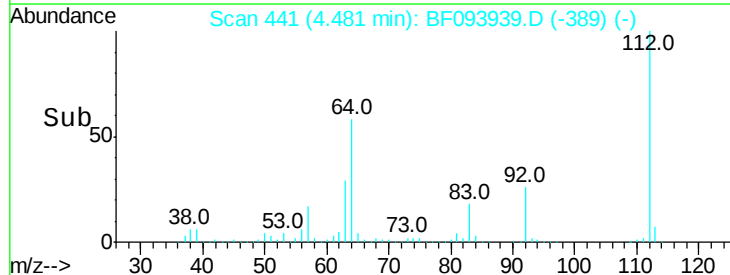
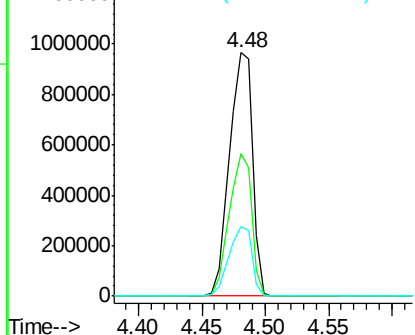
#5

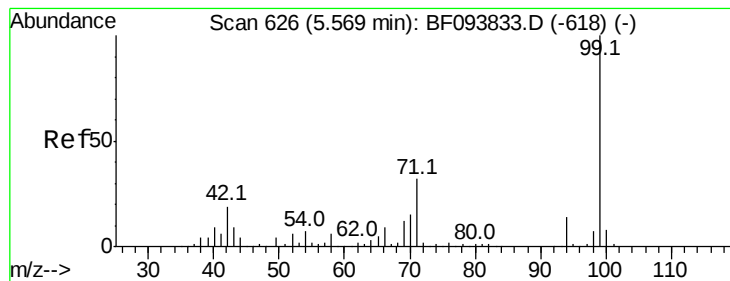
2-Fluorophenol
 Concen: 118.84 ng
 RT: 4.48 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

Tgt Ion:112 Resp: 1206048
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.0 69.0
 63 28.6 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: 114.96 ng

RT: 5.55 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

Instrument :

BNA_F

ClientSampleId :

E2-BB10-NSW

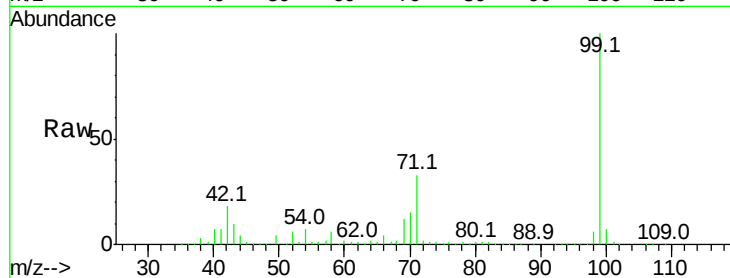
Tot Ion: 99 Resp: 1443300

Ion Ratio Lower Upper

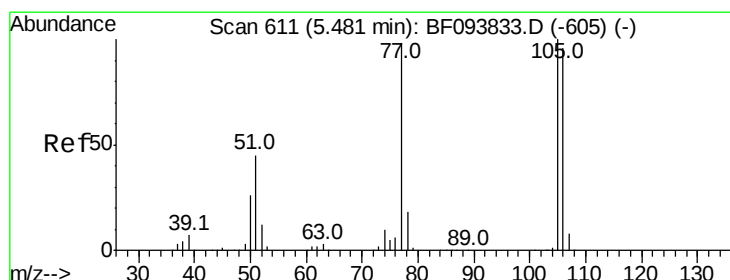
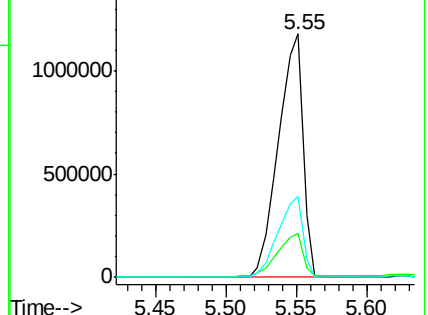
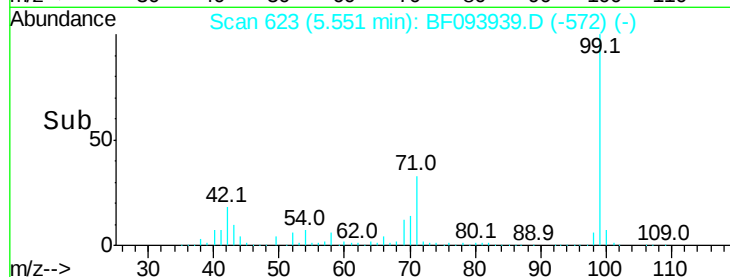
99 100

42 17.9 13.5 20.3

71 33.4 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



#9

Benzaldehyde

Concen: 3.08 ng

RT: 5.44 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

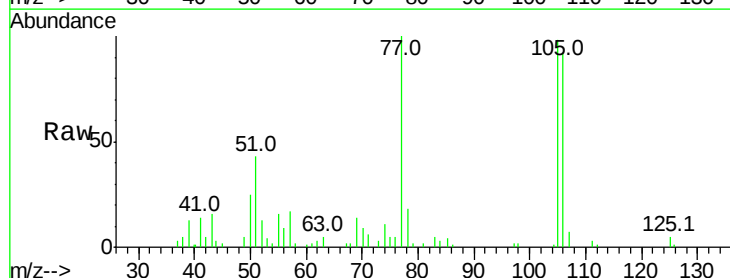
Tgt Ion: 77 Resp: 26126

Ion Ratio Lower Upper

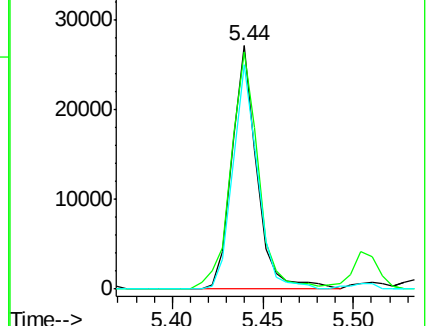
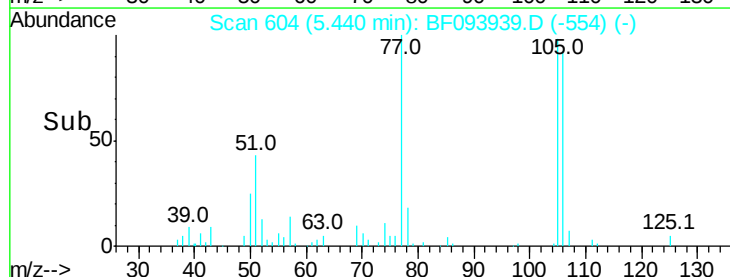
77 100

105 97.6 83.8 123.8

106 92.1 79.1 119.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

Instrument :

BNA_F

ClientSampleId :

E2-BB10-NSW

Tot Ion:136 Resp: 663082

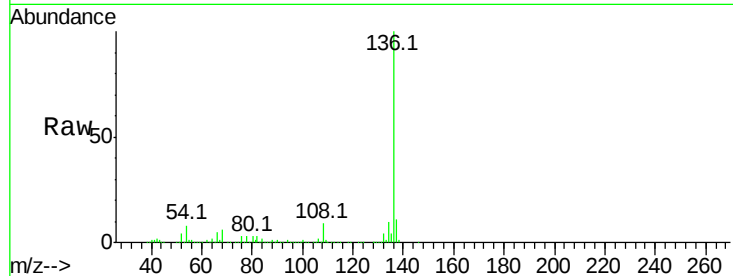
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.9 4.9 7.3#

68 6.0 4.1 6.1

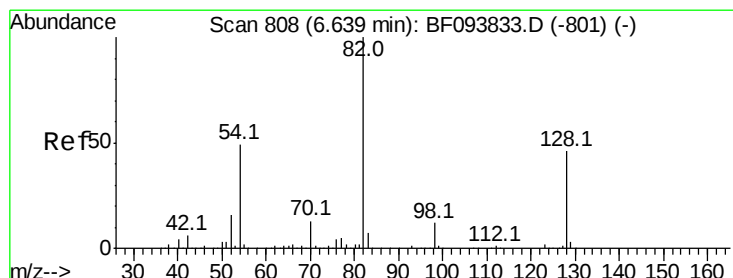
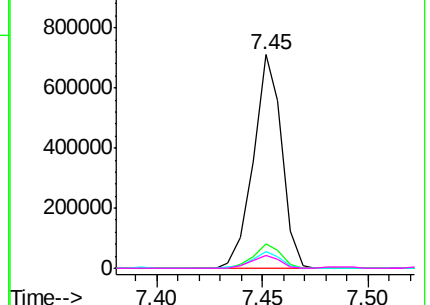
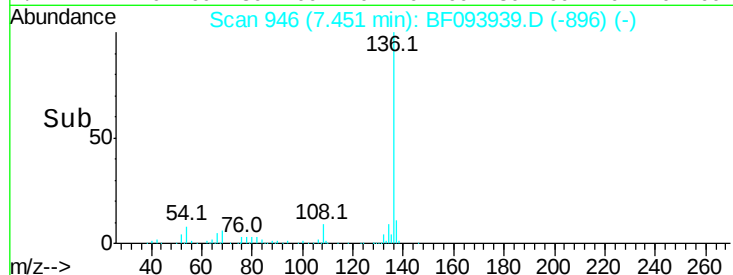


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.53 ng

RT: 6.60 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

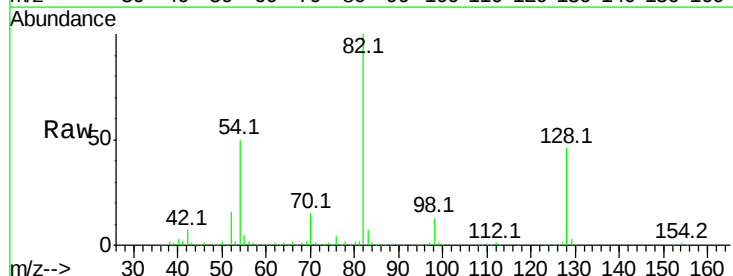
Tgt Ion: 82 Resp: 900837

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

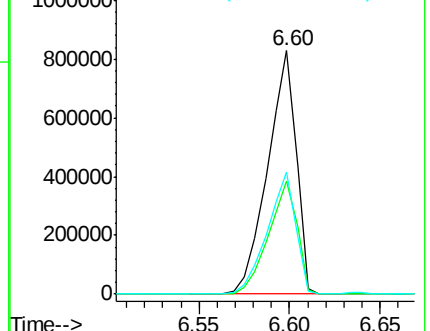
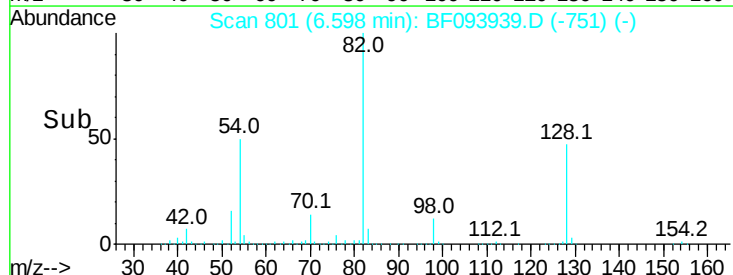
54 50.2 42.2 63.2

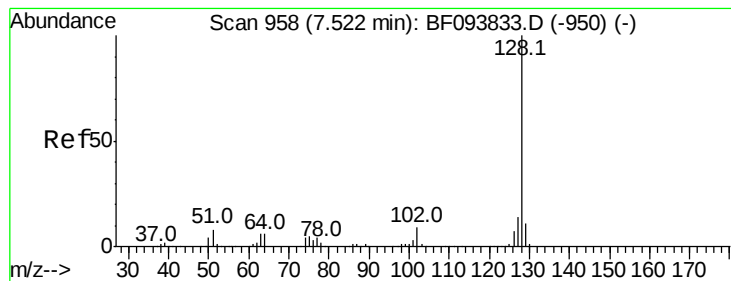


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 4.11 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

Instrument :

BNA_F

ClientSampleId :

E2-BB10-NSW

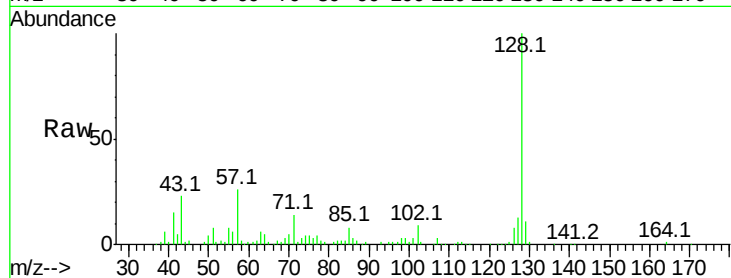
Tot Ion:128 Resp: 131007

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

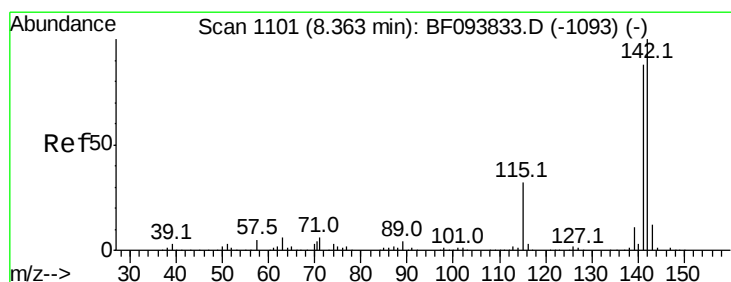
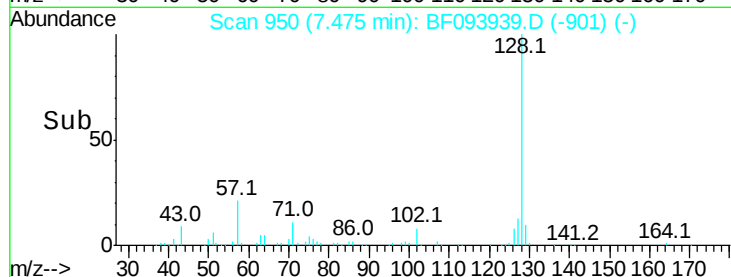
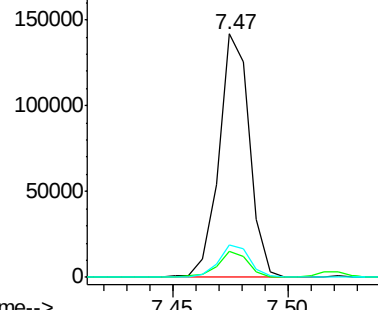
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.97 ng

RT: 8.32 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

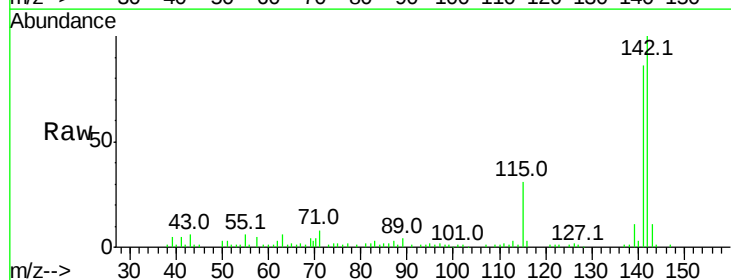
Tgt Ion:142 Resp: 63076

Ion Ratio Lower Upper

142 100

141 86.2 71.3 106.9

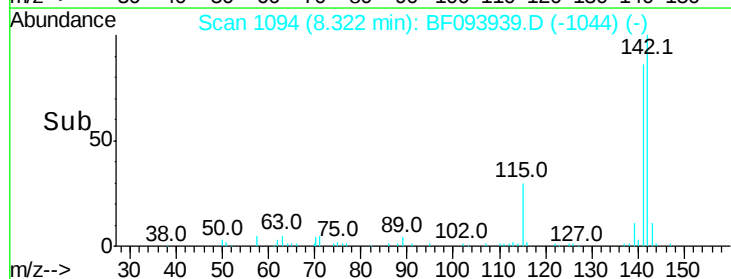
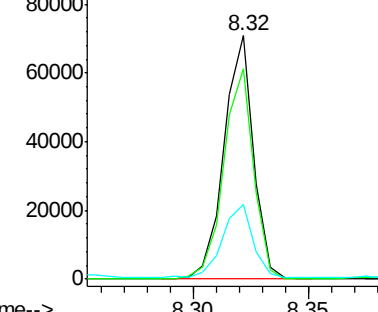
115 30.8 27.1 40.7

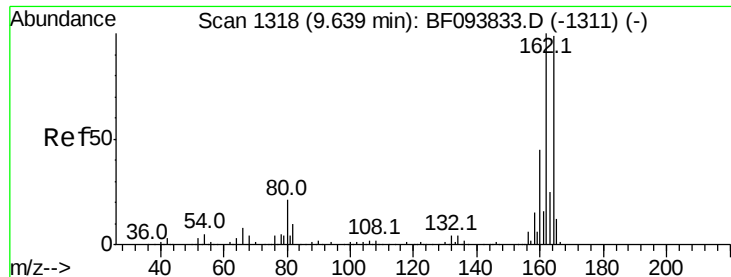


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

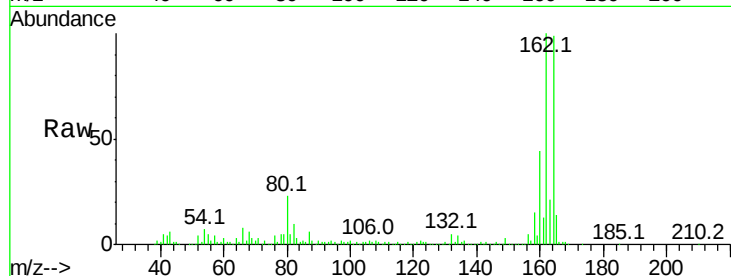




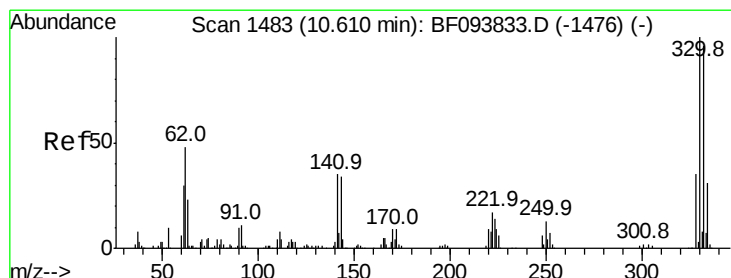
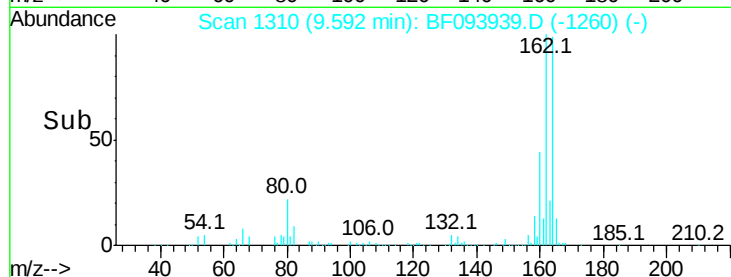
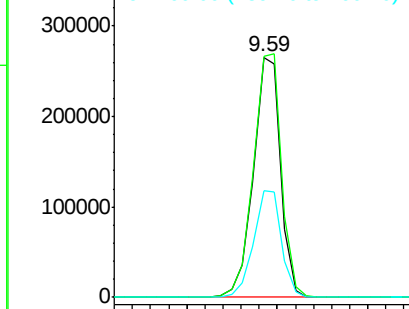
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB10-NSW

Tot Ion:164 Resp: 275559
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 123.8
 160 44.6 36.2 54.2

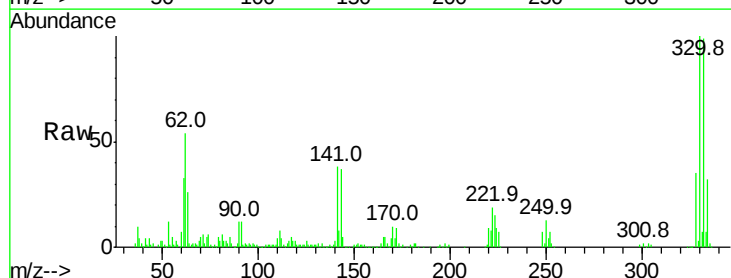


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

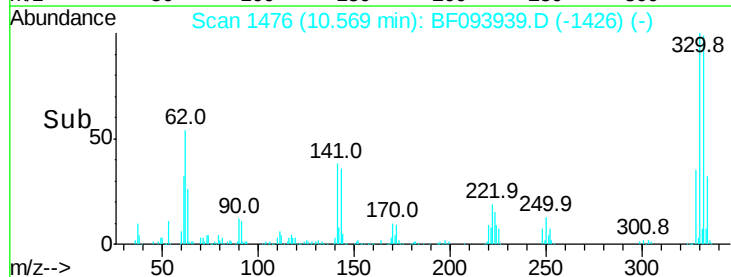
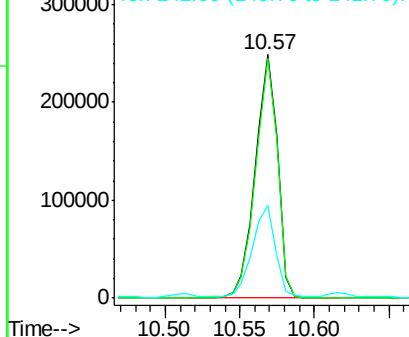


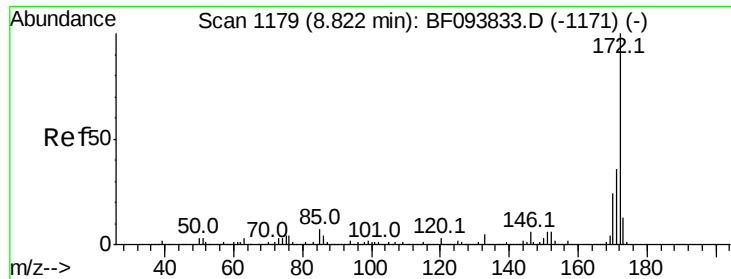
#41
 2,4,6-Tribromophenol
 Concen: 116.56 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

Tgt Ion:330 Resp: 253815
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.2 31.4 47.2



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

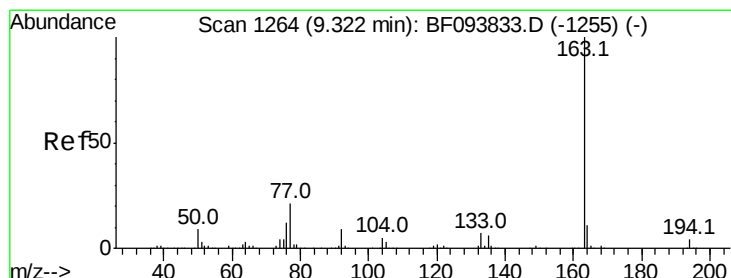
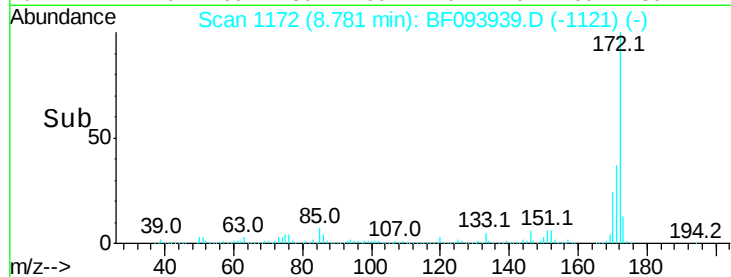
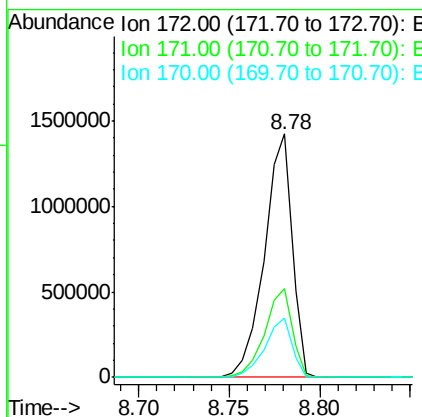
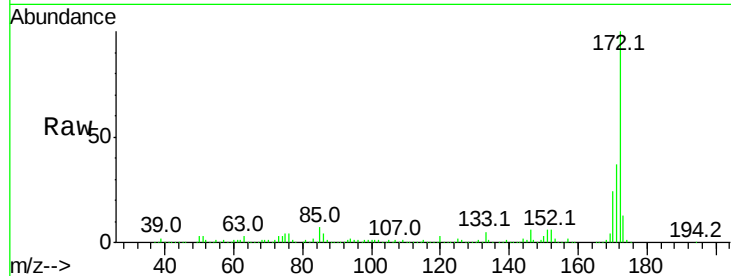




#44
 2-Fluorobiphenyl
 Concen: 83.59 ng
 RT: 8.78 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

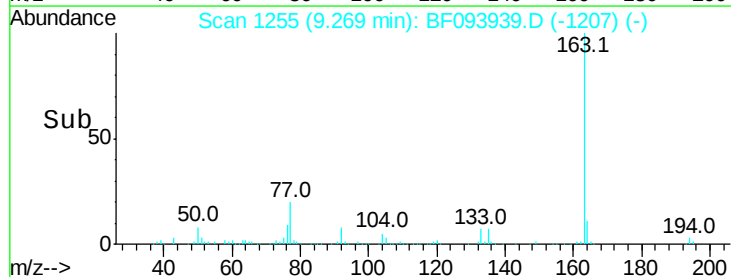
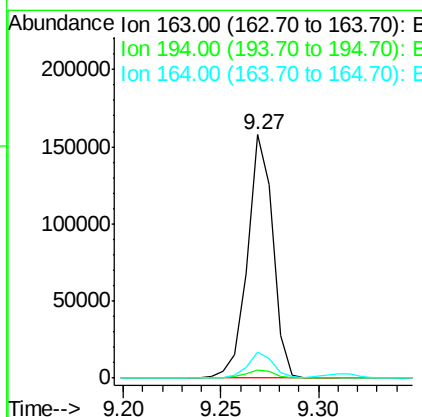
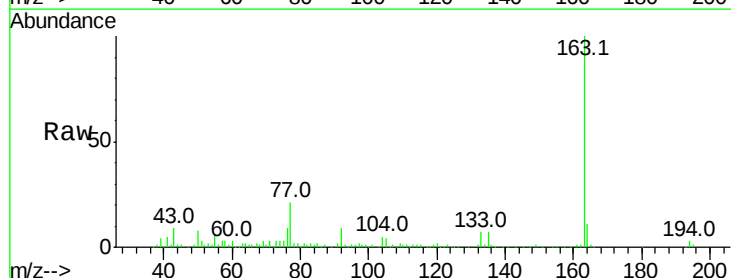
Instrument :
 BNA_F
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 E2-BB10-NSW

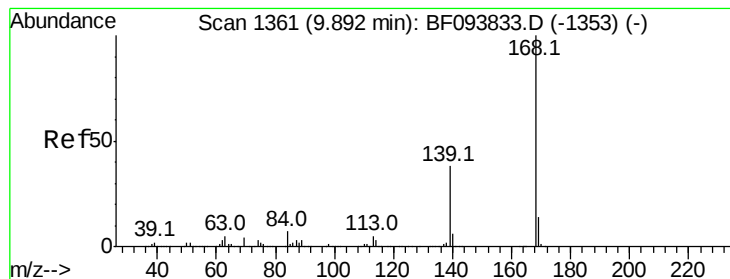
Tot Ion:172 Resp: 1510120
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.24 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

Tgt Ion:163 Resp: 141754
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.6 8.4 12.6





#54

Dibenzenofuran

Concen: 2.22 ng

RT: 9.85 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

Instrument :

BNA_F

ClientSampleId :

E2-BB10-NSW

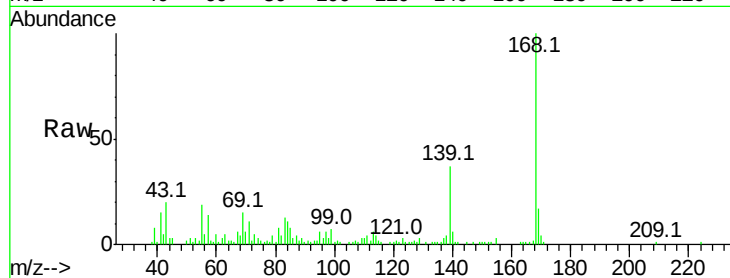
Tot Ion:168 Resp: 50960

Ion Ratio Lower Upper

168 100

139 36.5 30.6 45.8

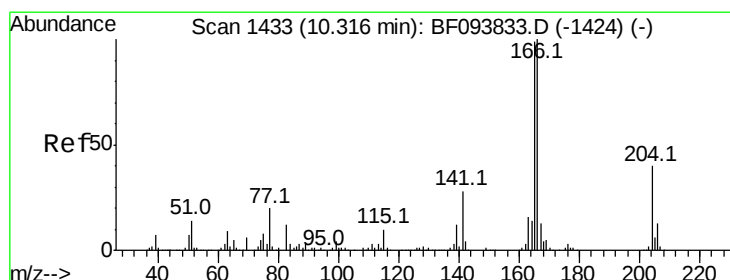
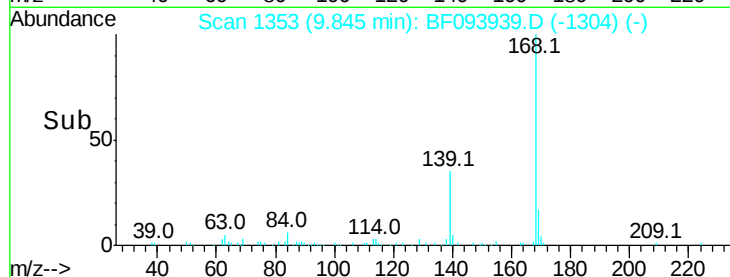
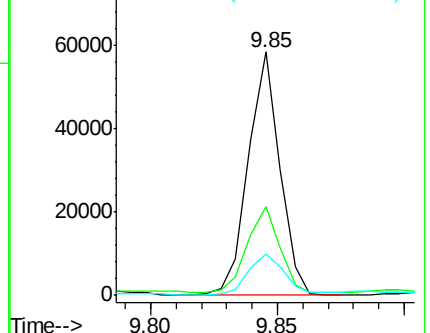
169 17.1 10.8 16.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 2.49 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

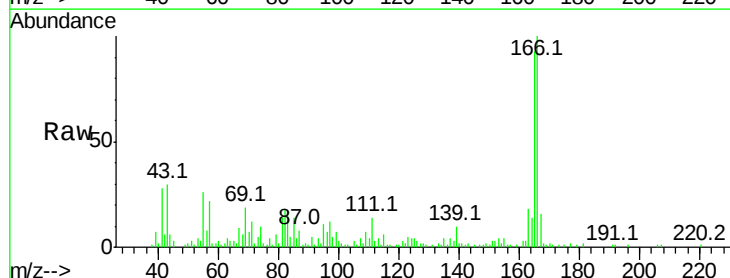
Tgt Ion:166 Resp: 47516

Ion Ratio Lower Upper

166 100

165 93.3 78.8 118.2

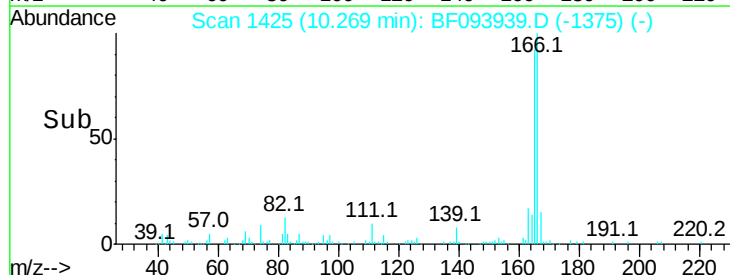
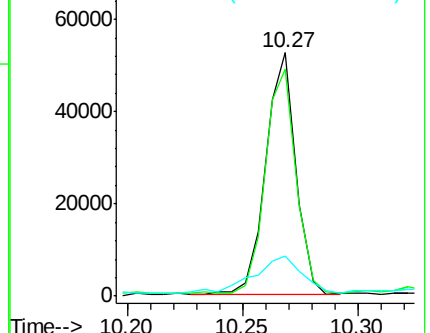
167 16.4 10.6 16.0#

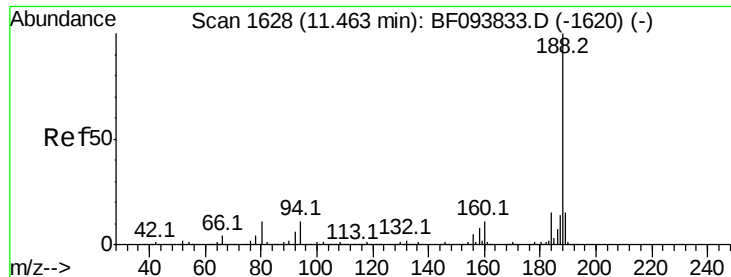


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

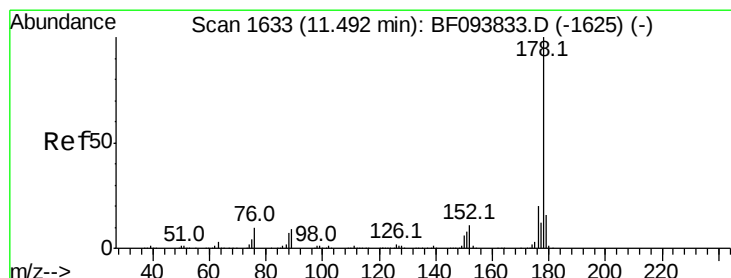
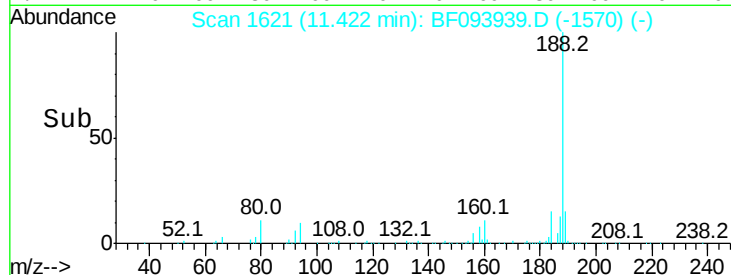
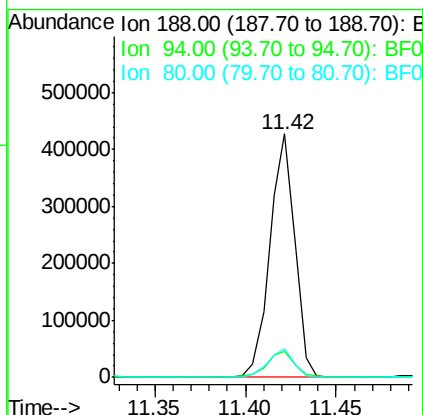
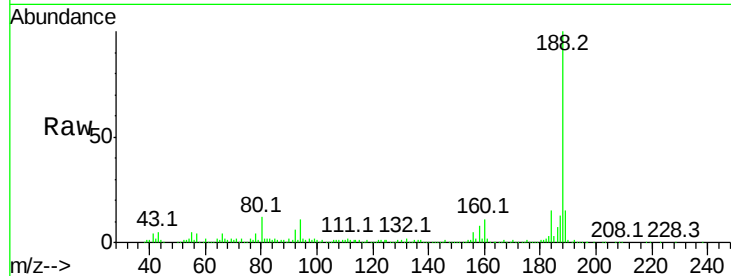




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF093939.D
Acq: 27 Mar 2017 12:54

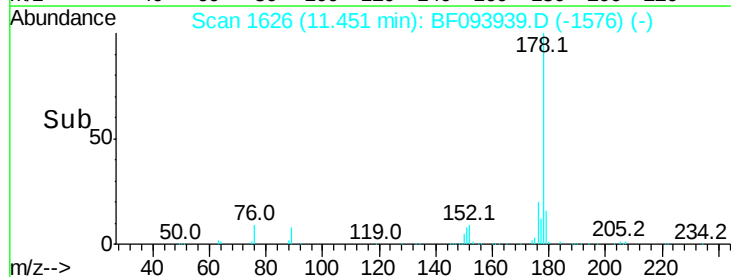
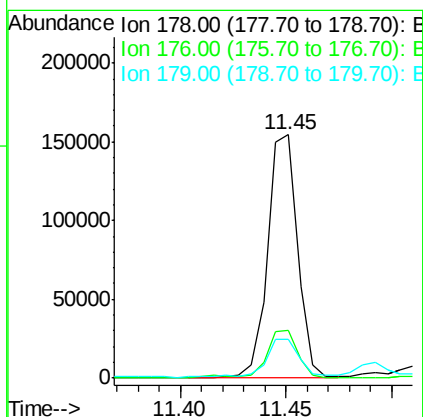
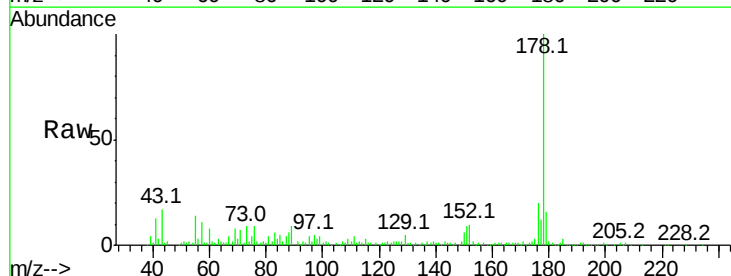
Instrument :
BNA_F
ClientSampleId :
E2-BB10-NSW

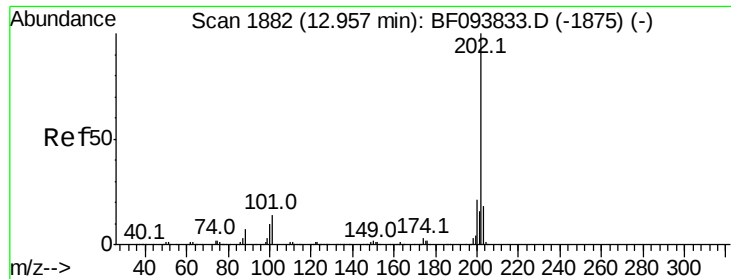
Tot Ion:188 Resp: 407274
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.5 10.2 15.2



#70
Phenanthrene
Concen: 6.70 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093939.D
Acq: 27 Mar 2017 12:54

Tgt Ion:178 Resp: 151878
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 16.2 12.6 19.0





#74

Fluoranthene

Concen: 2.73 ng

RT: 12.93 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

Instrument :

BNA_F

ClientSampleId :

E2-BB10-NSW

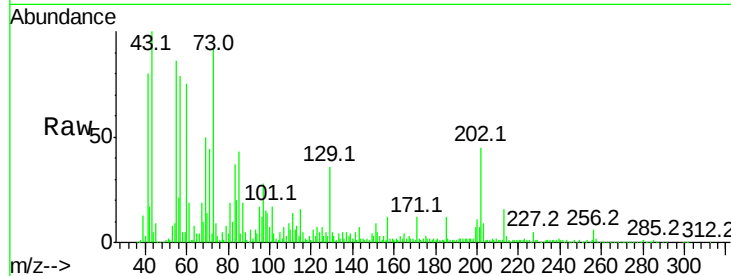
Tot Ion:202 Resp: 63251

Ion Ratio Lower Upper

202 100

101 37.0 0.0 33.2#

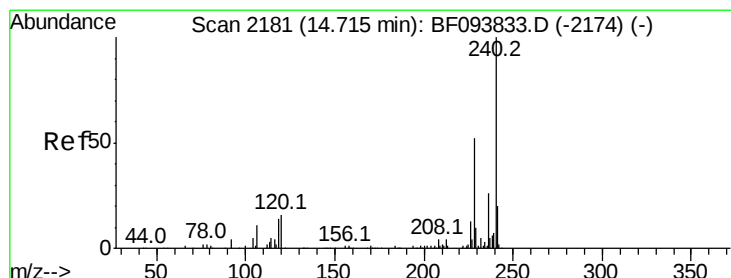
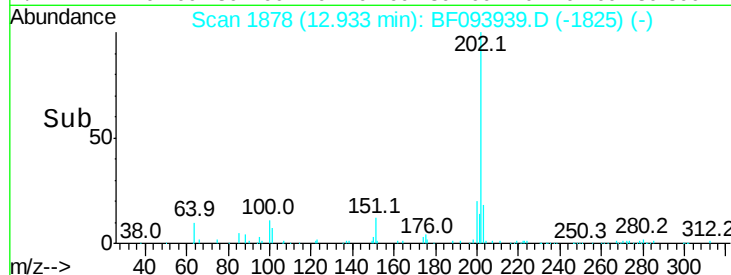
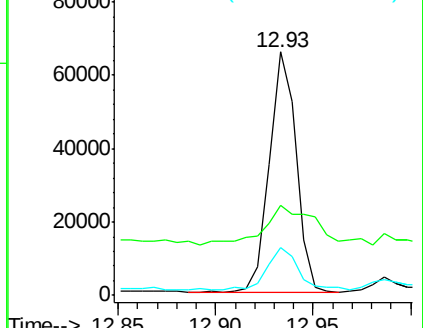
203 19.5 0.0 38.1



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: 14.72 min Scan# 2181

Delta R.T. 0.04 min

Lab File: BF093939.D

Acq: 27 Mar 2017 12:54

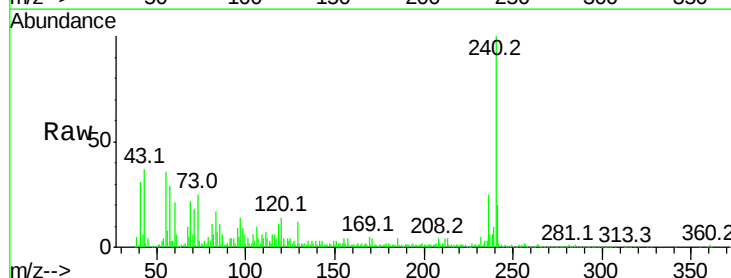
Tgt Ion:240 Resp: 307098

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

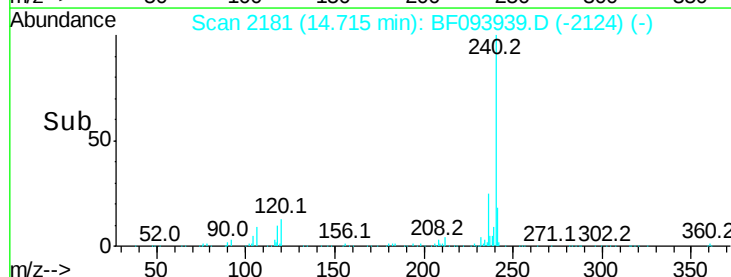
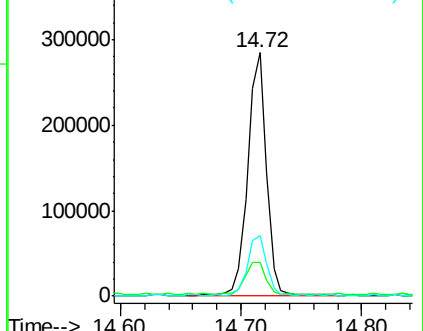
236 25.0 20.5 30.7

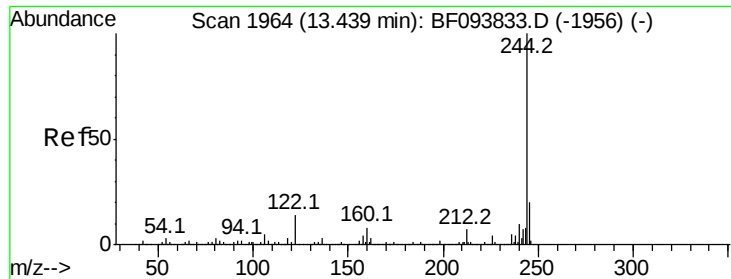


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

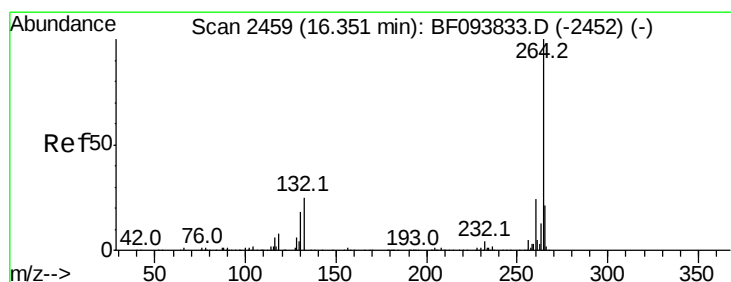
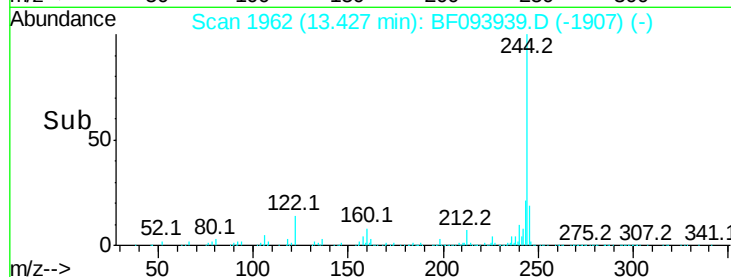
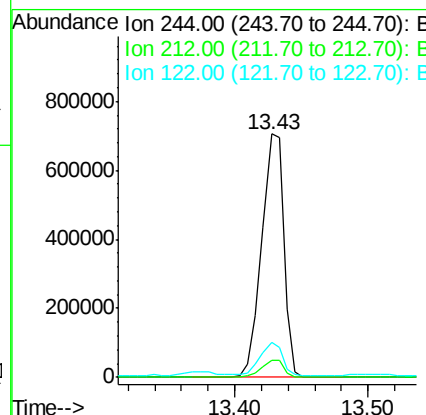
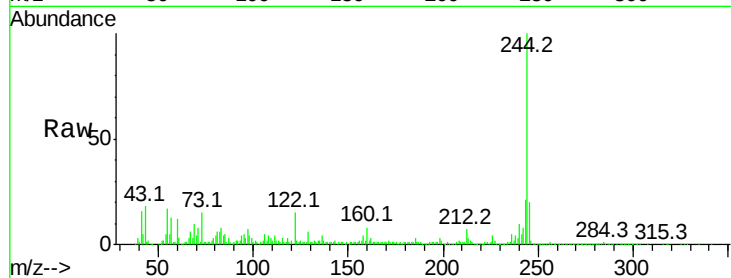




#78
 Terphenyl-d14
 Concen: 58.61 ng
 RT: 13.43 min Scan# 1962
 Delta R.T. 0.02 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB10-NSW

Tot Ion:244 Resp: 802939
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.33 min Scan# 2455
 Delta R.T. 0.02 min
 Lab File: BF093939.D
 Acq: 27 Mar 2017 12:54

Tgt Ion:264 Resp: 286926
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.1 17.2 25.8

