

Data Path : Z:\HPCHEM1\BNA F\Data\BF040717\
 Data File : BF094268.D
 Acq On : 7 Apr 2017 13:00
 Operator : SJ/MA
 Sample : I2582-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Time: Apr 07 14:25:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

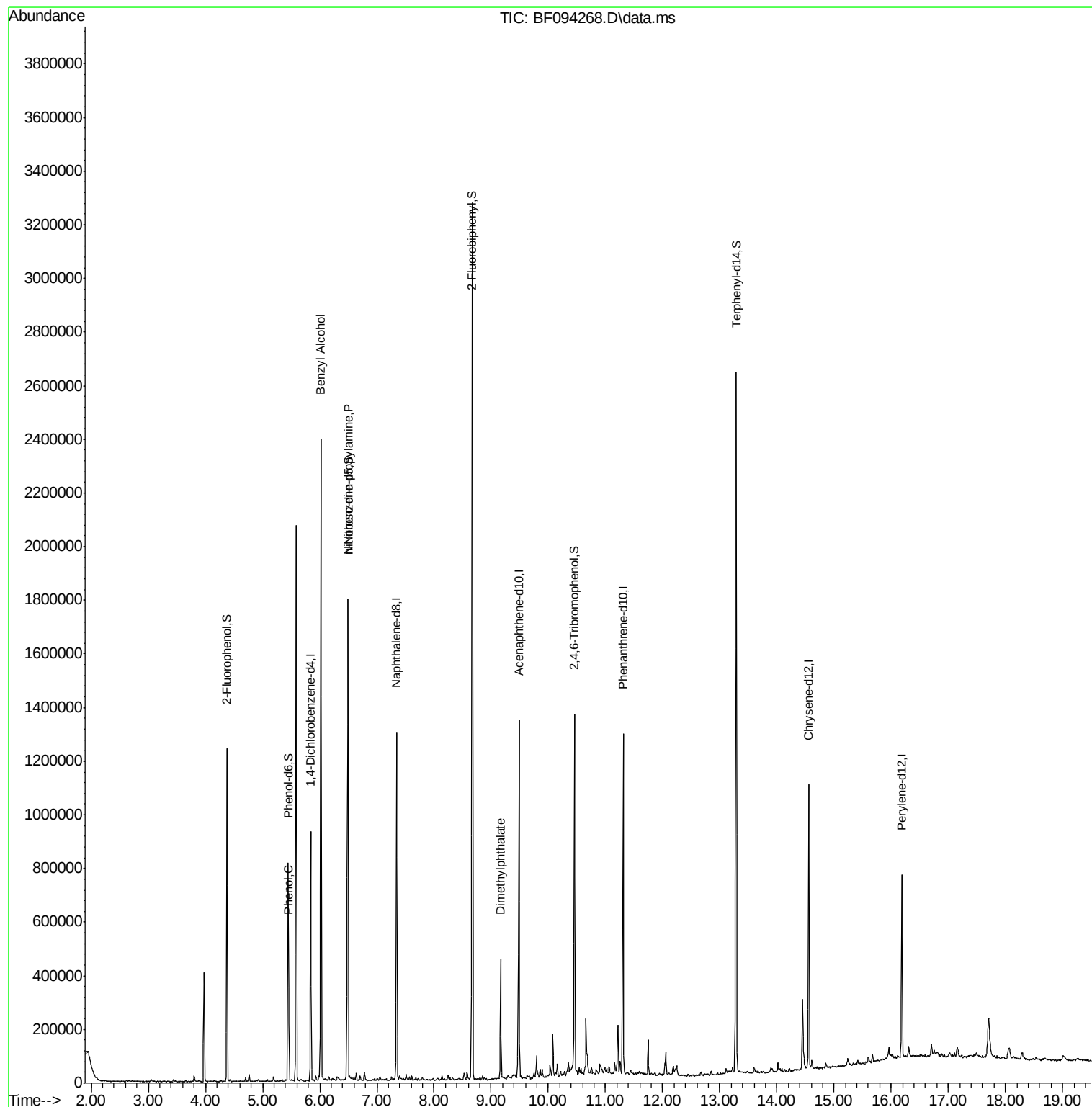
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.845	152	159323	20.00	ng	-0.01
21) Naphthalene-d8	7.345	136	628465	20.00	ng	-0.02
38) Acenaphthene-d10	9.486	164	287475	20.00	ng	-0.01
63) Phenanthrene-d10	11.310	188	512761	20.00	ng	-0.01
75) Chrysene-d12	14.557	240	396585	20.00	ng	-0.02
86) Perylene-d12	16.186	264	258145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.375	112	335157	35.53	ng	-0.01
7) Phenol-d6	5.445	99	268324	22.99	ng	-0.02
23) Nitrobenzene-d5	6.492	82	652468	59.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.457	330	162162	71.38	ng	-0.02
44) 2-Fluorobiphenyl	8.669	172	1202568	63.81	ng	-0.02
78) Terphenyl-d14	13.292	244	972658	54.97	ng	0.00
Target Compounds						
10) Phenol	5.457	94	91112	6.86	ng	Qvalue 90
15) Benzyl Alcohol	6.022	79	18880	2.21	ng	# 47
19) n-Nitroso-di-n-propyla...	6.492	70	87873	11.72	ng	# 79
49) Dimethylphthalate	9.169	163	197277	9.65	ng	99

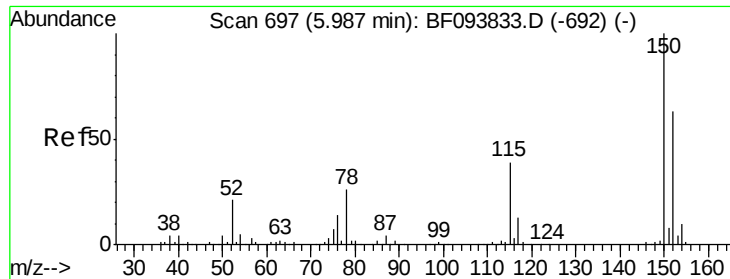
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.845 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

GW-1

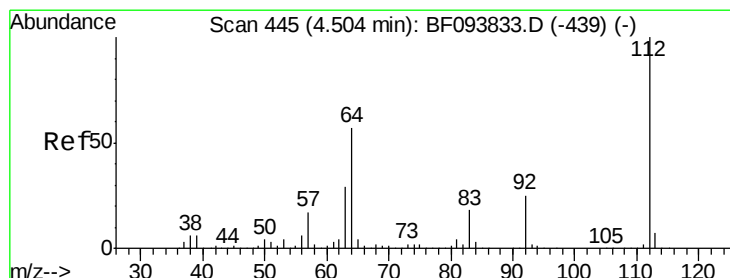
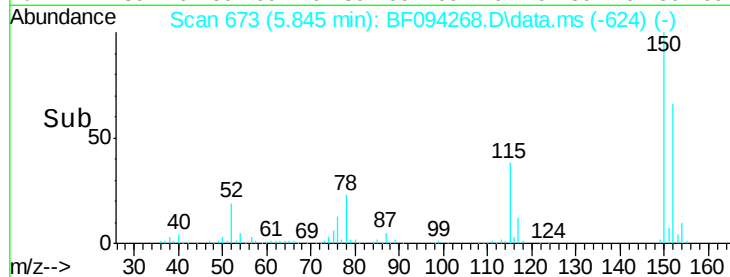
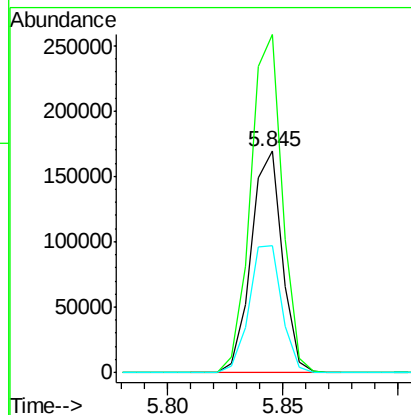
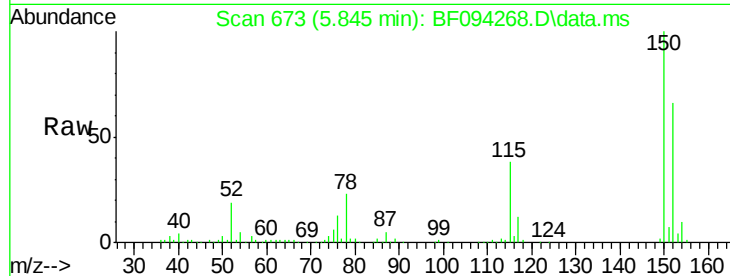
Tot Ion:152 Resp: 159323

Ion Ratio Lower Upper

152 100

150 152.7 126.2 189.2

115 57.3 52.2 78.2



#5

2-Fluorophenol

Concen: 35.53 ng

RT: 4.375 min Scan# 423

Delta R.T. -0.012 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

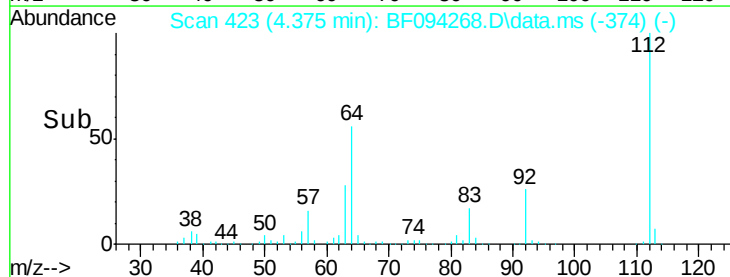
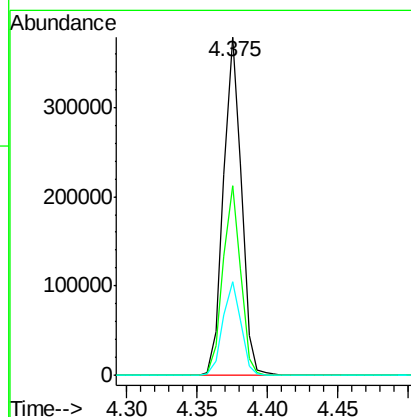
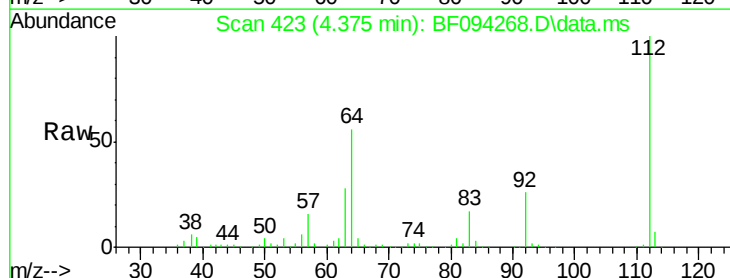
Tgt Ion:112 Resp: 335157

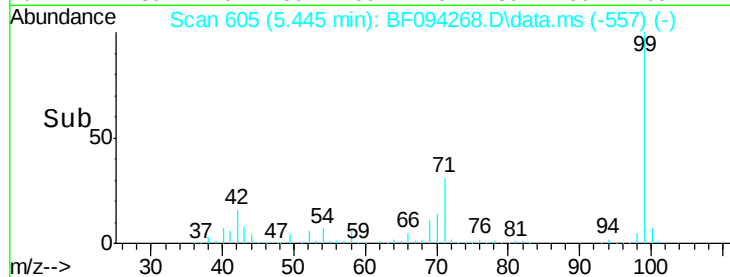
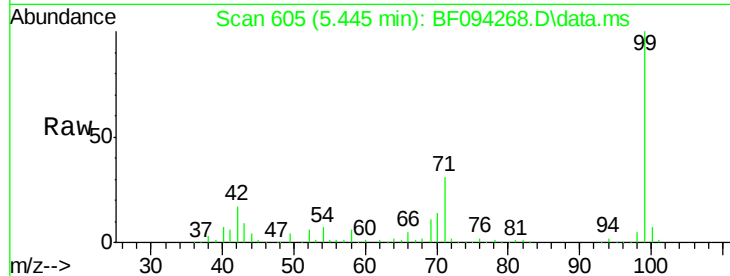
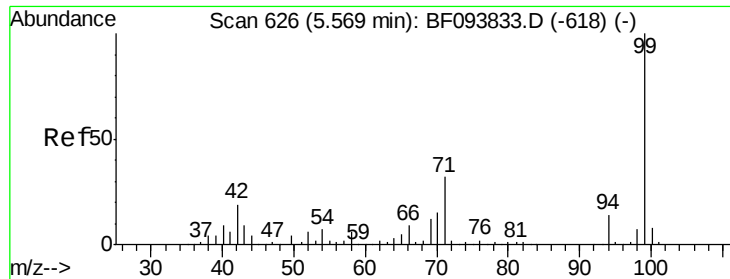
Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

63 27.8 23.4 35.0





#7

Phenol-d6

Concen: 22.99 ng

RT: 5.445 min Scan# 60

Delta R.T. -0.018 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

GW-1

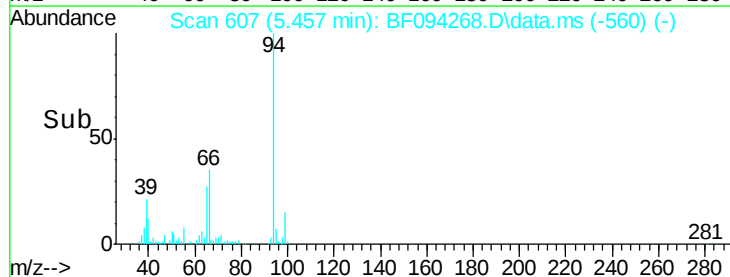
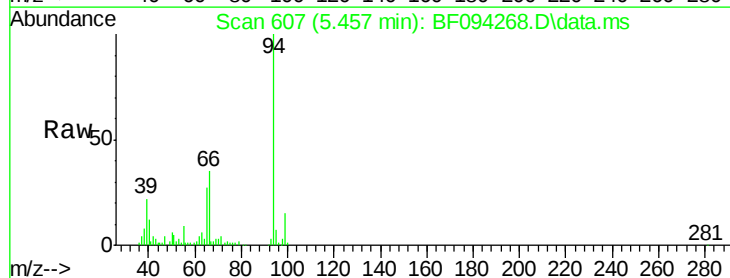
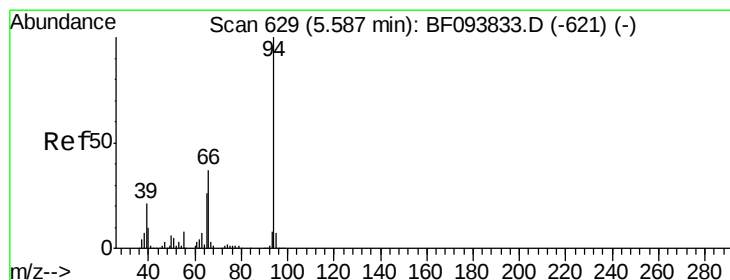
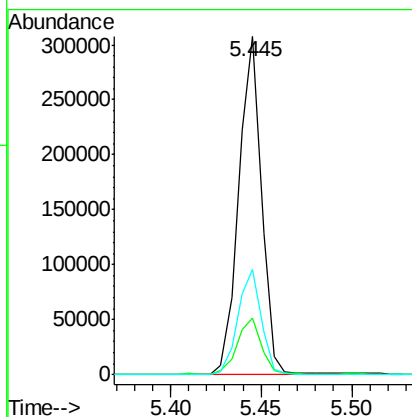
Tot Ion: 99 Resp: 268324

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 31.1 24.5 36.7



#10

Phenol

Concen: 6.86 ng

RT: 5.457 min Scan# 607

Delta R.T. -0.024 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

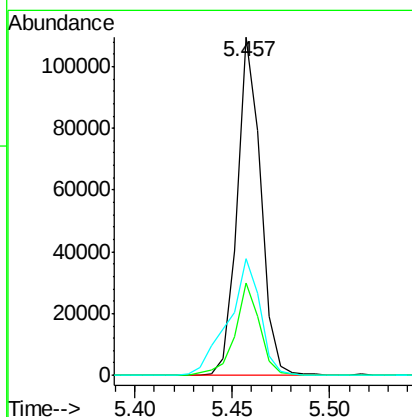
Tgt Ion: 94 Resp: 91112

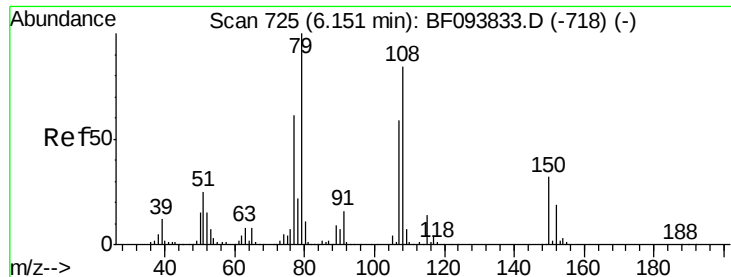
Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

66 34.6 23.1 63.1

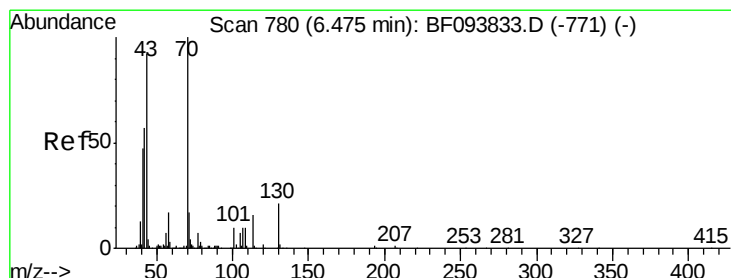
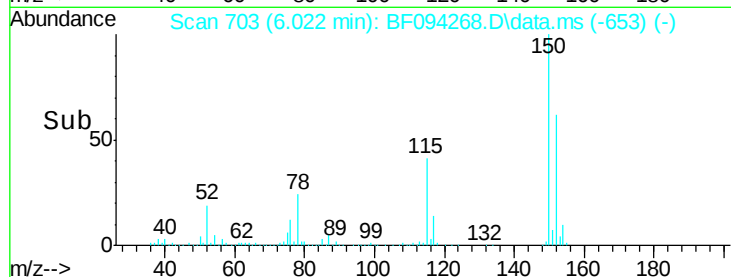
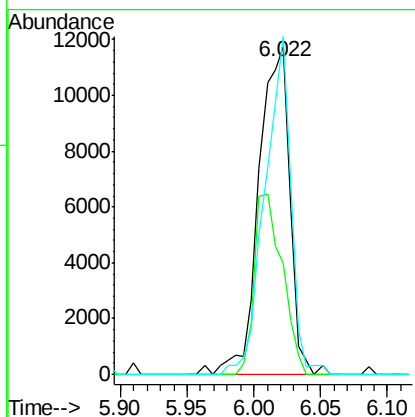
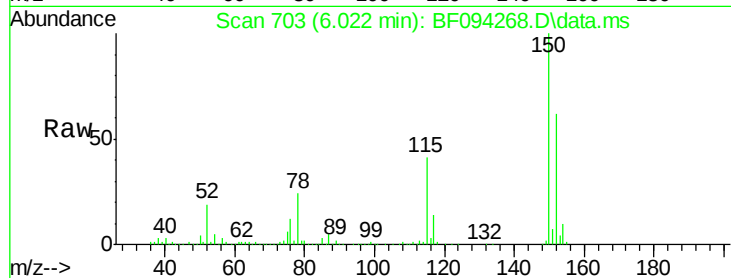




#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 6.022 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

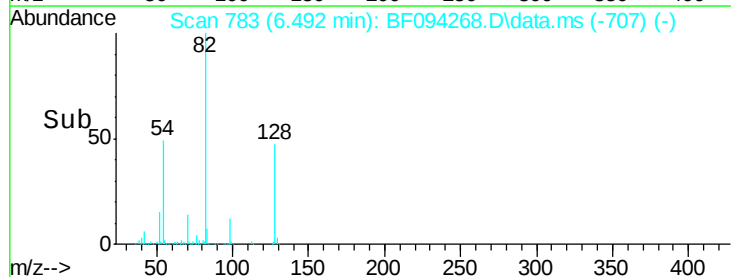
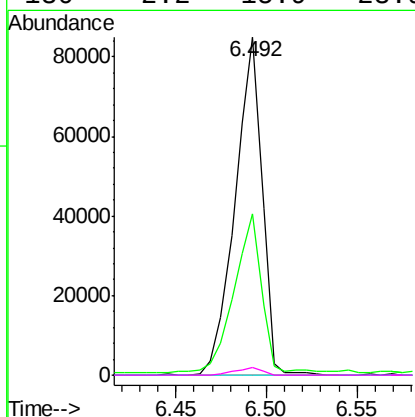
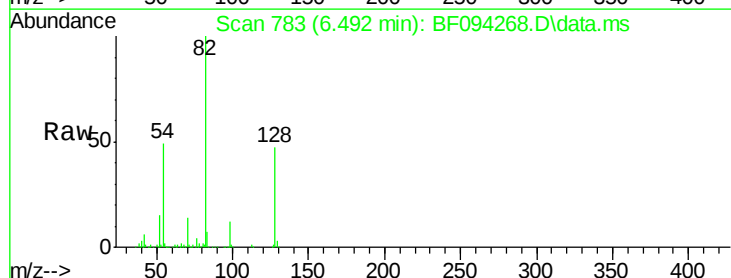
Instrument :
BNA_F
ClientSampleId :
GW-1

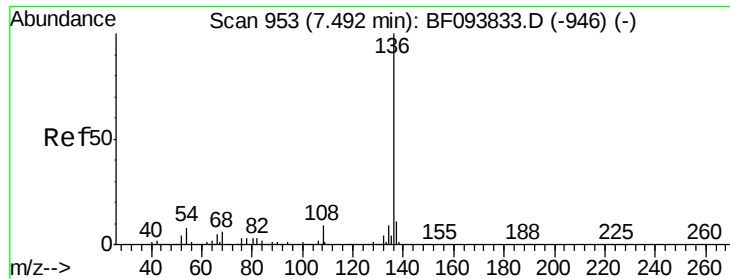
Tot Ion: 79 Resp: 18880
Ion Ratio Lower Upper
79 100
108 34.1 63.4 95.0#
77 103.1 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 11.72 ng
RT: 6.492 min Scan# 783
Delta R.T. 0.147 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Tgt Ion: 70 Resp: 87873
Ion Ratio Lower Upper
70 100
42 47.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.345 min Scan# 92

Delta R.T. -0.018 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

GW-1

Tot Ion:136 Resp: 628465

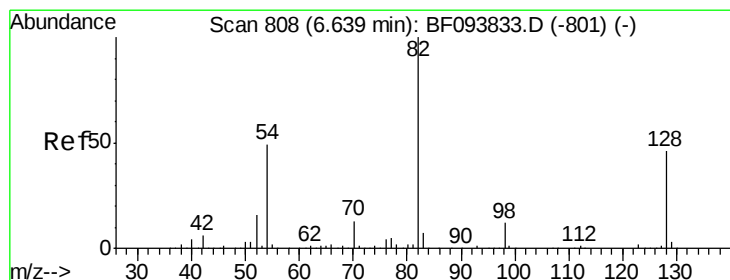
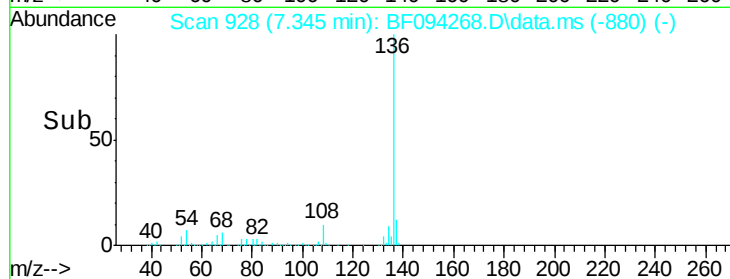
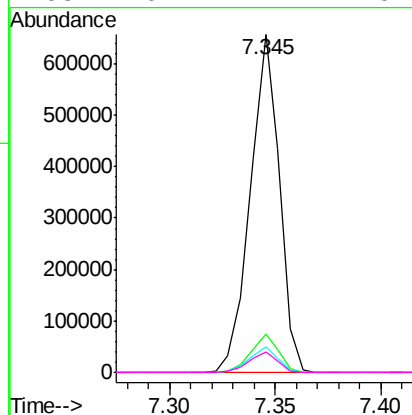
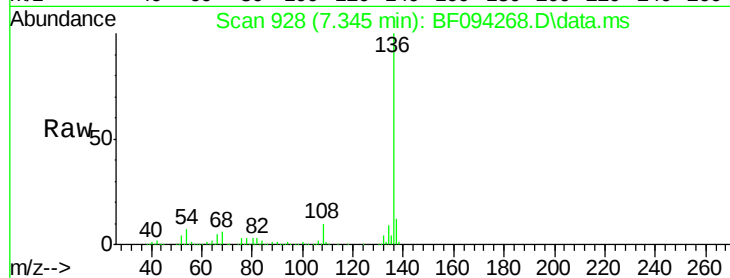
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 7.4 4.9 7.3#

68 6.2 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 59.25 ng

RT: 6.492 min Scan# 783

Delta R.T. -0.018 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

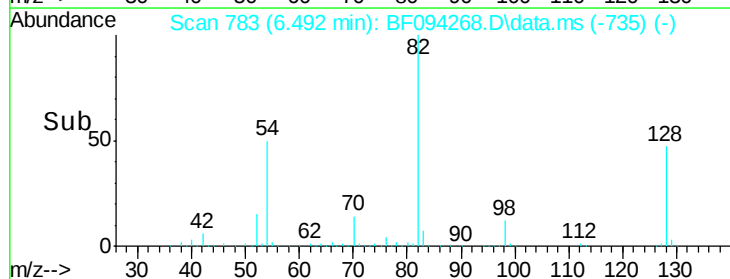
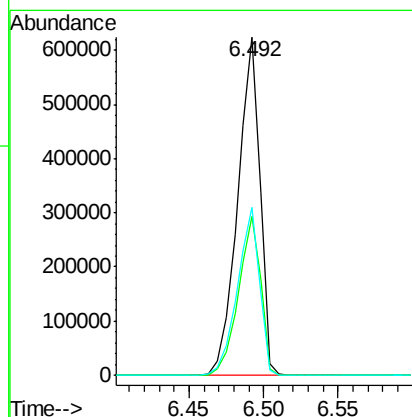
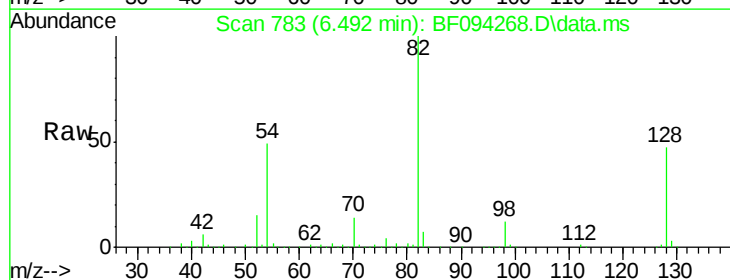
Tgt Ion: 82 Resp: 652468

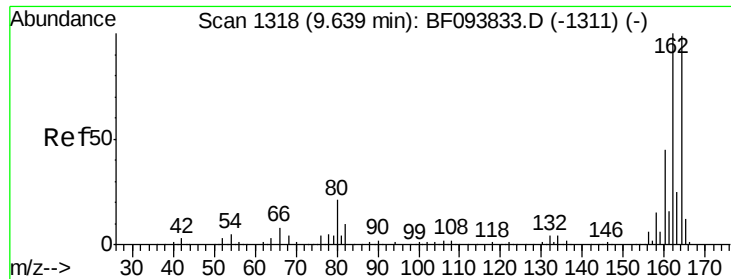
Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

54 49.5 42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.486 min Scan# 12

Delta R.T. -0.012 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

GW-1

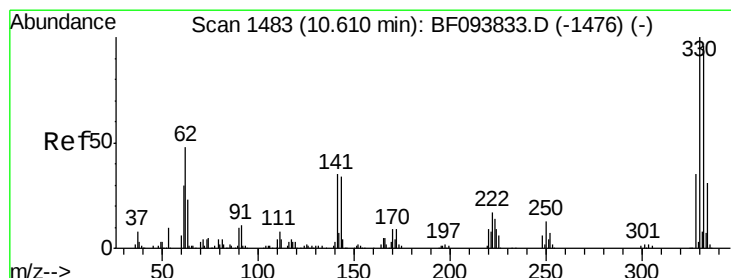
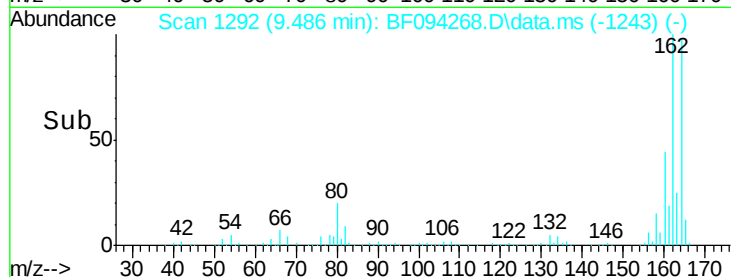
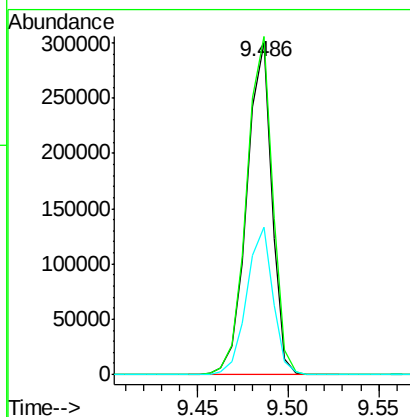
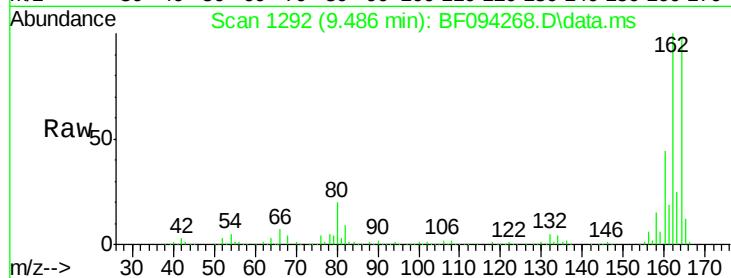
Tot Ion:164 Resp: 287475

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 44.3 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 71.38 ng

RT: 10.457 min Scan# 1457

Delta R.T. -0.018 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

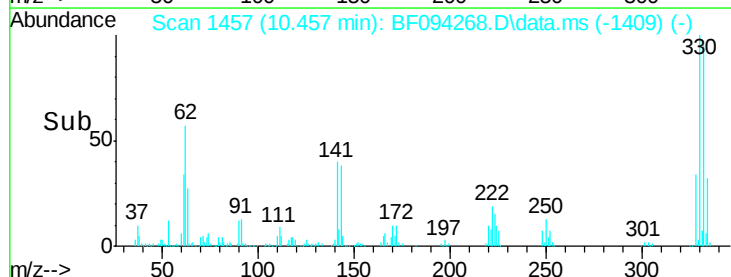
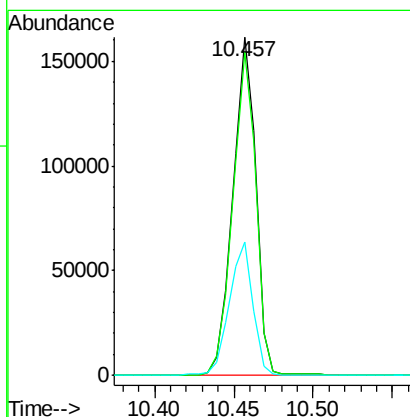
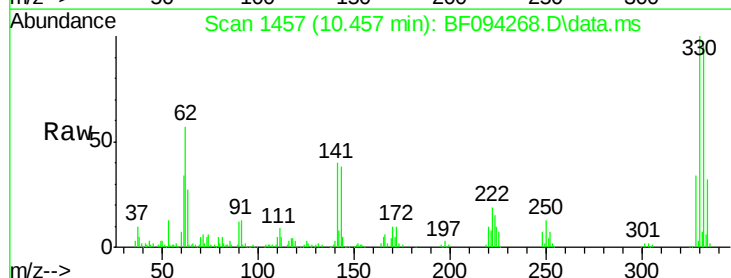
Tgt Ion:330 Resp: 162162

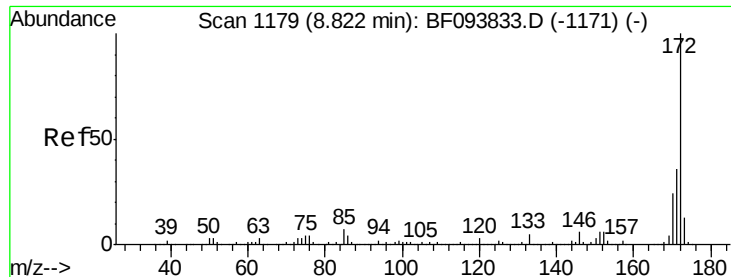
Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

141 40.3 31.4 47.2

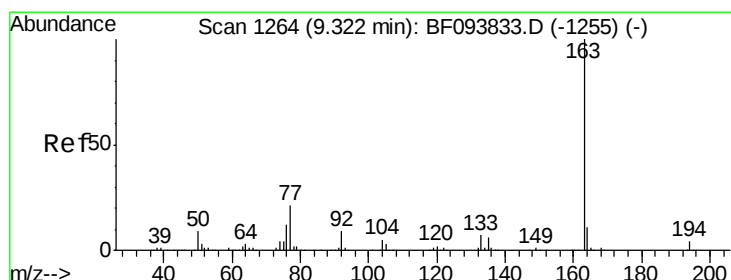
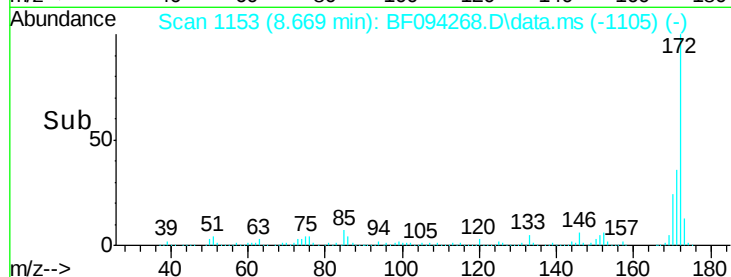
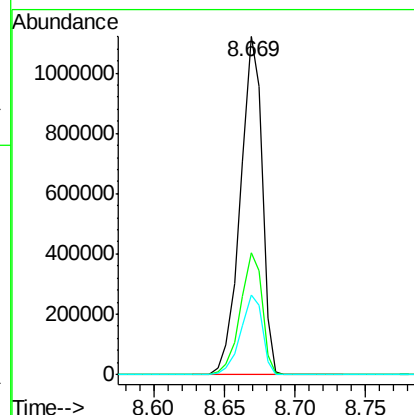
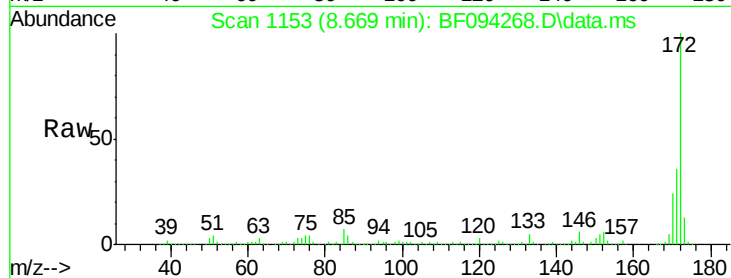




#44
2-Fluorobiphenyl
Concen: 63.81 ng
RT: 8.669 min Scan# 1179
Delta R.T. -0.018 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

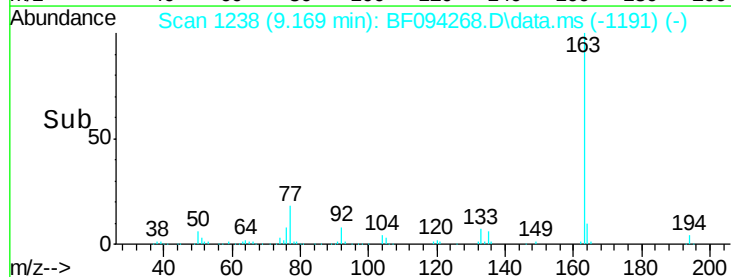
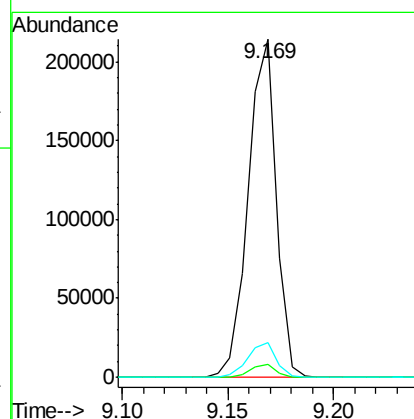
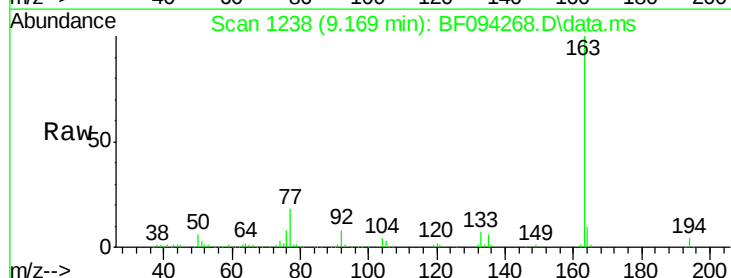
Instrument :
BNA_F
ClientSampled :
GW-1

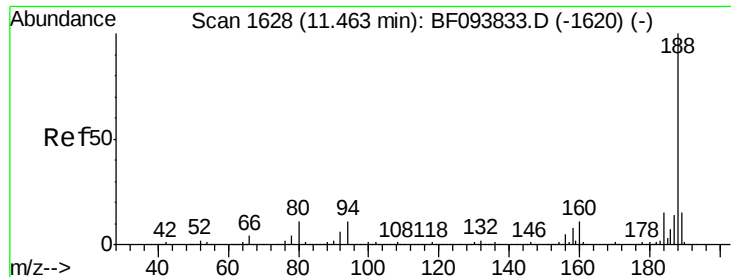
Tot Ion:172 Resp: 1202568
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 9.65 ng
RT: 9.169 min Scan# 1238
Delta R.T. -0.024 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Tgt Ion:163 Resp: 197277
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.3 8.4 12.6

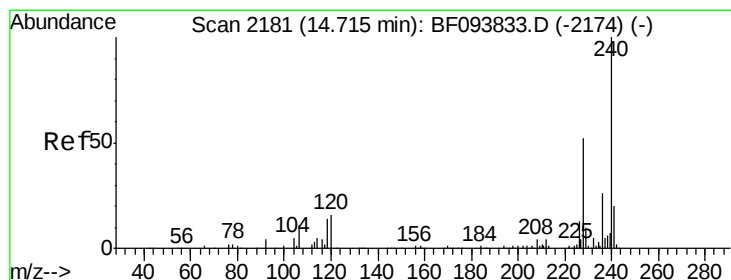
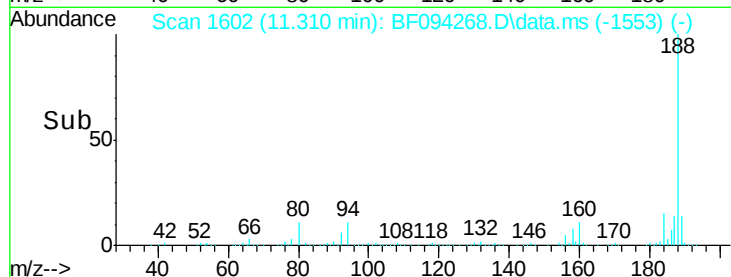
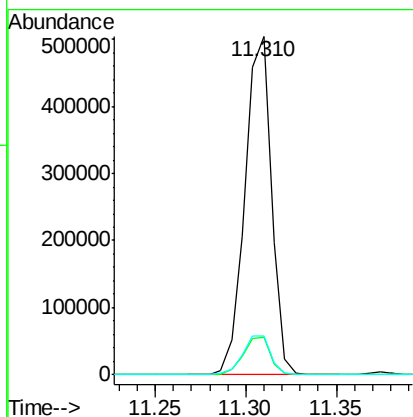
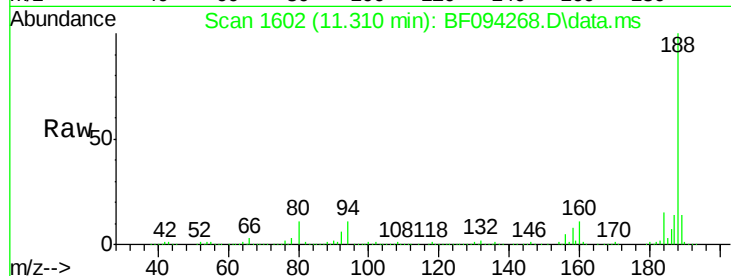




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 161
Delta R.T. -0.012 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

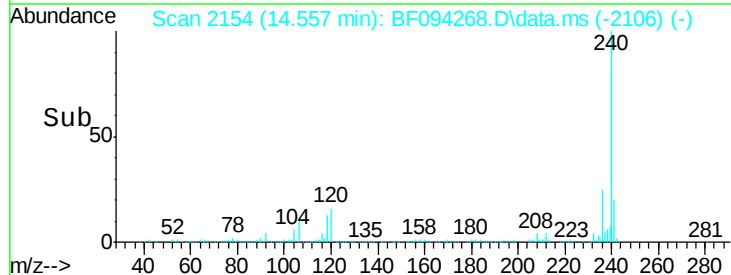
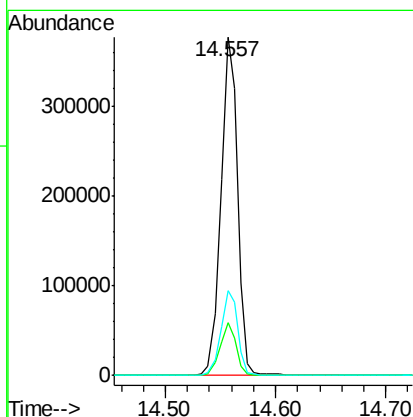
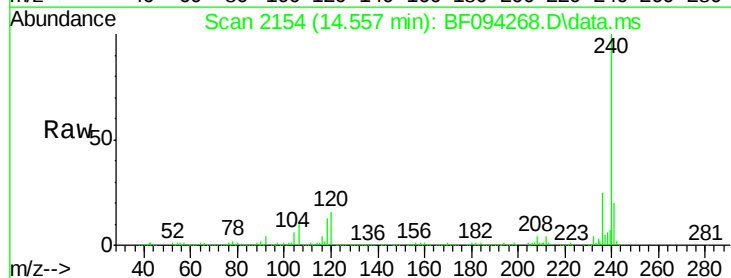
Instrument :
BNA_F
ClientSampleId :
GW-1

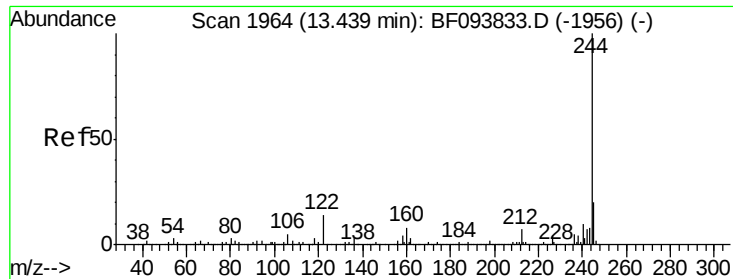
Tot Ion:188 Resp: 512761
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.557 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Tgt Ion:240 Resp: 396585
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 54.97 ng

RT: 13.292 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

GW-1

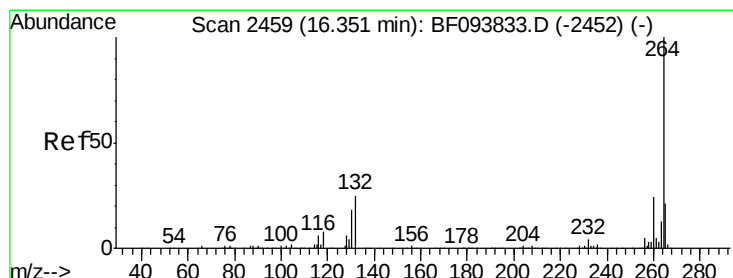
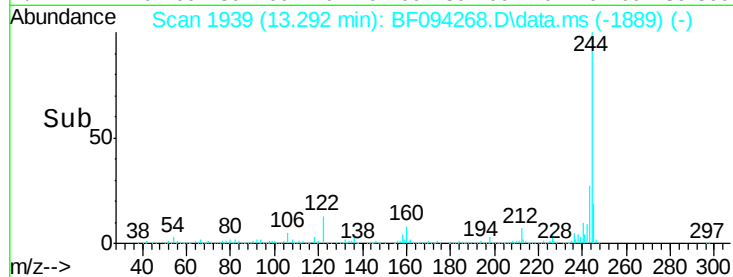
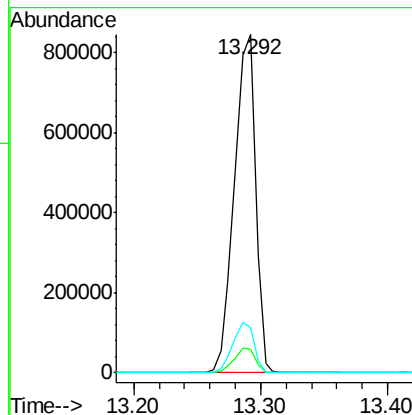
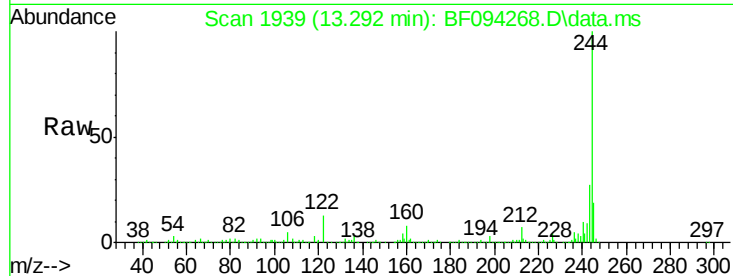
Tot Ion:244 Resp: 972658

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 13.4 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.186 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Tgt Ion:264 Resp: 258145

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.4 17.2 25.8

