

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094269.D
 Acq On : 7 Apr 2017 13:27
 Operator : SJ/MA
 Sample : I2582-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Quant Time: Apr 07 14:44:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 14:38:56 2017
 Response via : Initial Calibration

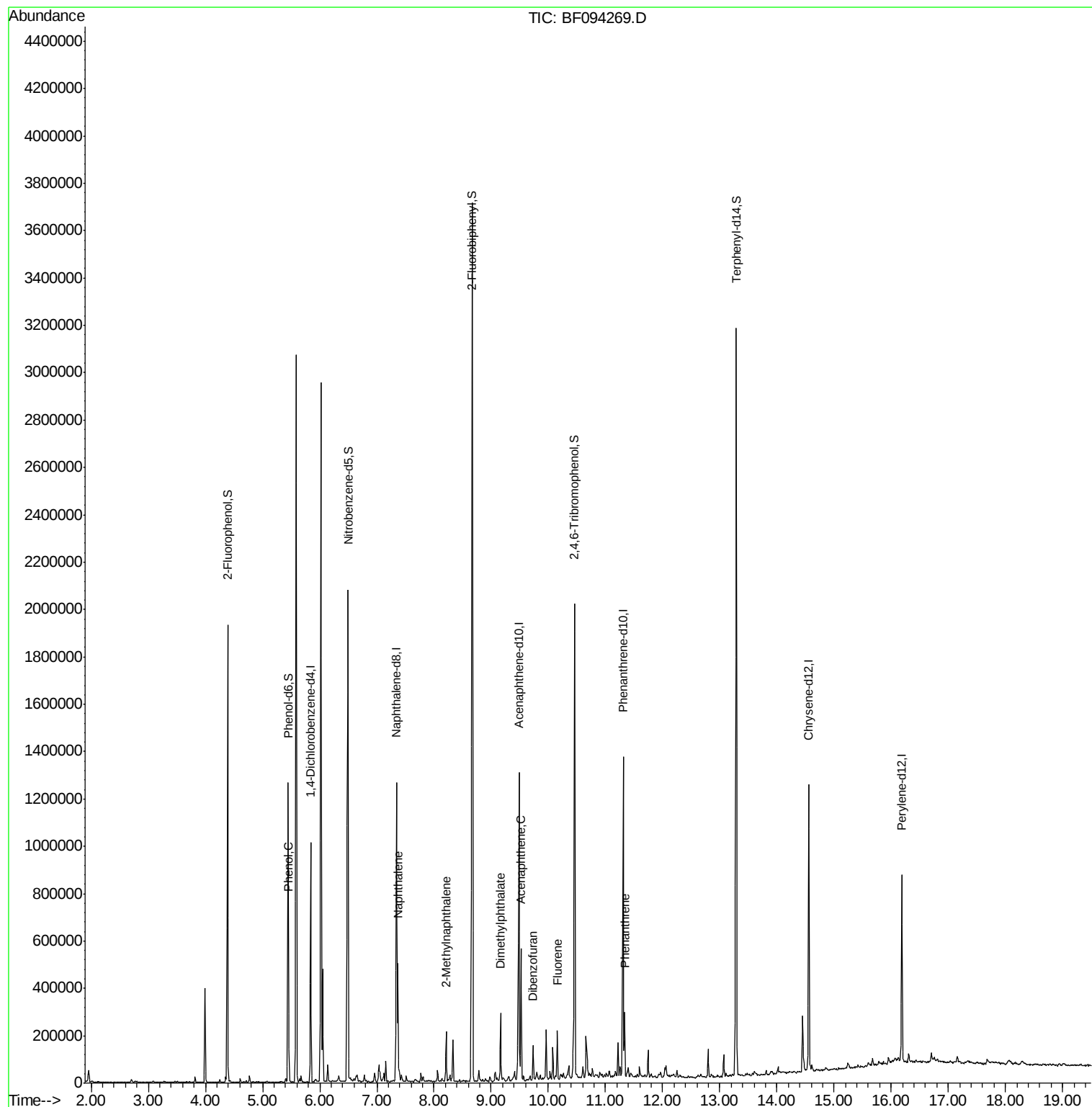
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	169952	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	679267	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	316086	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	556185	20.00	ng	0.00
75) Chrysene-d12	14.56	240	455621	20.00	ng	-0.01
86) Perylene-d12	16.19	264	300513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	550324	54.69	ng	0.01
7) Phenol-d6	5.45	99	433282	34.81	ng	-0.01
23) Nitrobenzene-d5	6.49	82	867979	72.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	289484	115.90	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1577192	76.11	ng	0.00
78) Terphenyl-d14	13.29	244	1173803	57.75	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.46	94	64354	4.54	ng	88
31) Naphthalene	7.37	128	244370	7.48	ng	100
37) 2-Methylnaphthalene	8.21	142	70025	3.22	ng	95
49) Dimethylphthalate	9.16	163	129981	5.78	ng	100
51) Acenaphthene	9.52	154	133213	6.88	ng	99
54) Dibenzofuran	9.73	168	61106	2.32	ng	95
57) Fluorene	10.16	166	59736	2.73	ng	100
70) Phenanthrene	11.33	178	101855	3.29	ng	98

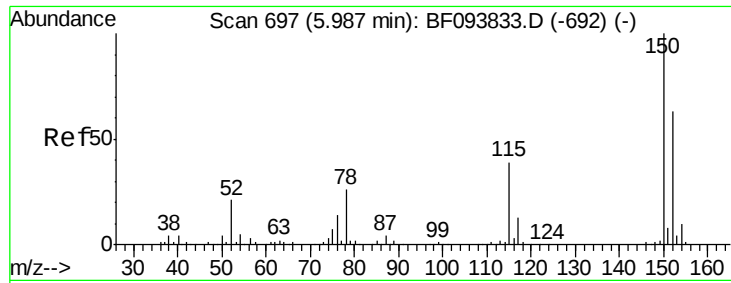
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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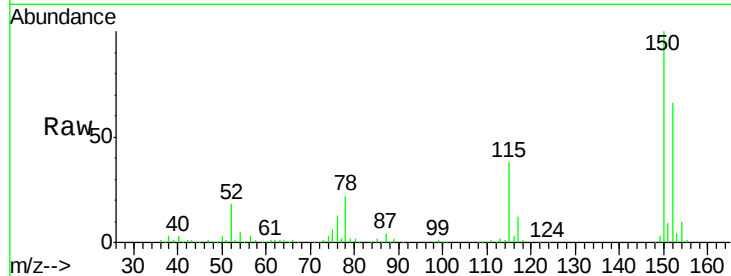


#1

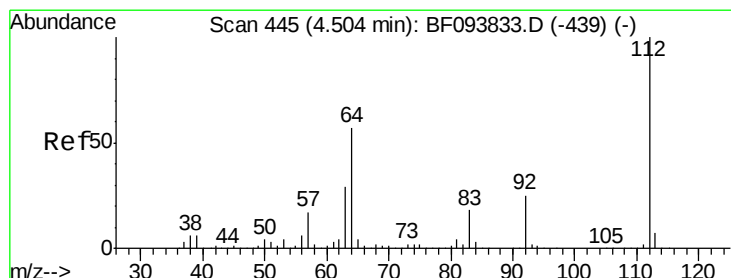
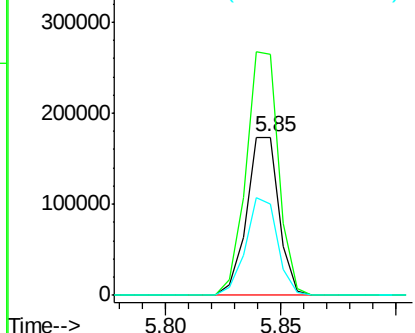
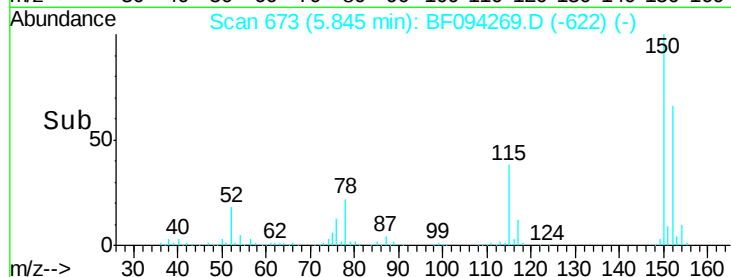
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion:152 Resp: 169952
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.2 189.2
 115 57.5 52.2 78.2



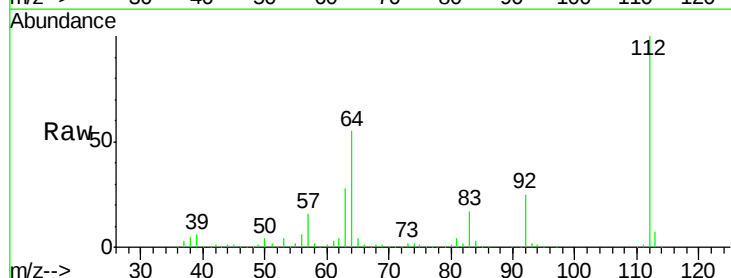
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



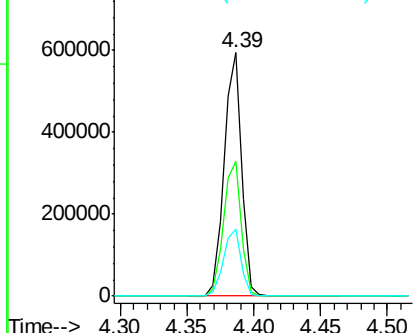
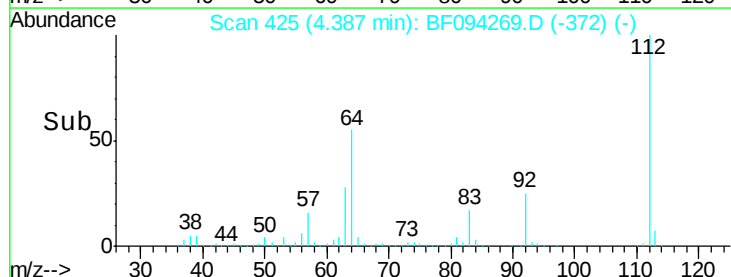
#5

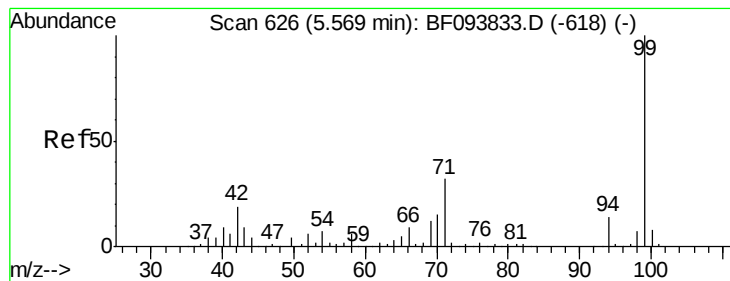
2-Fluorophenol
 Concen: 54.69 ng
 RT: 4.39 min Scan# 425
 Delta R.T. 0.01 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Tgt Ion:112 Resp: 550324
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.5 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: 34.81 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

GW-2

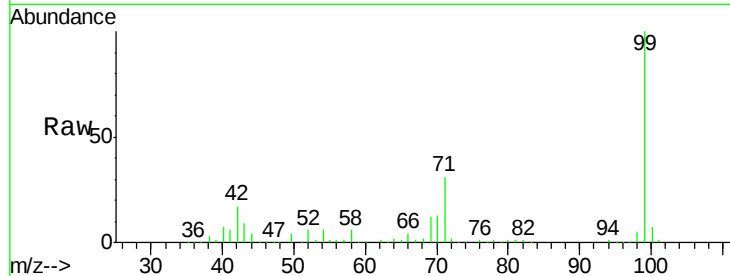
Tot Ion: 99 Resp: 433282

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

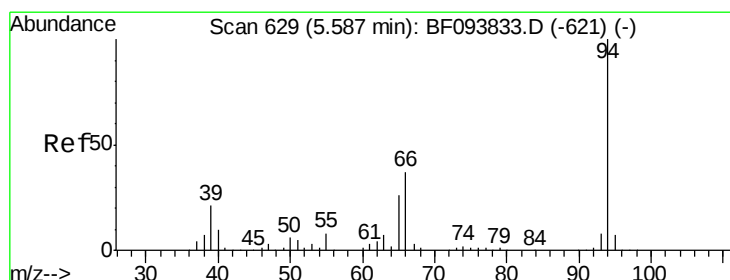
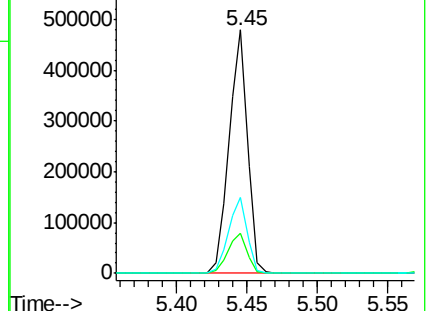
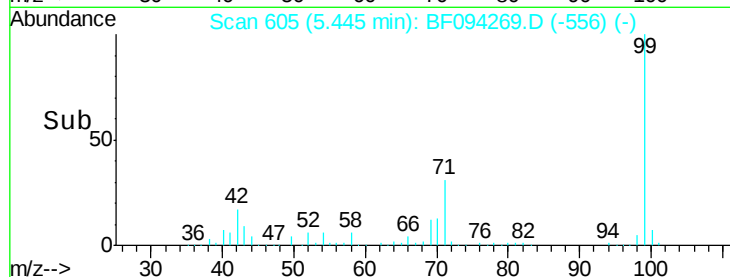
71 31.0 24.5 36.7



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



#10

Phenol

Concen: 4.54 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

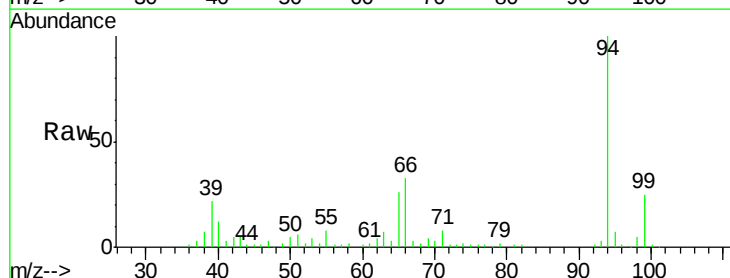
Tgt Ion: 94 Resp: 64354

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

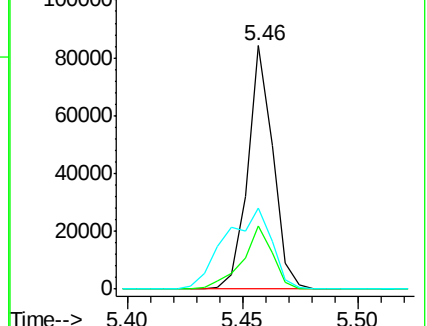
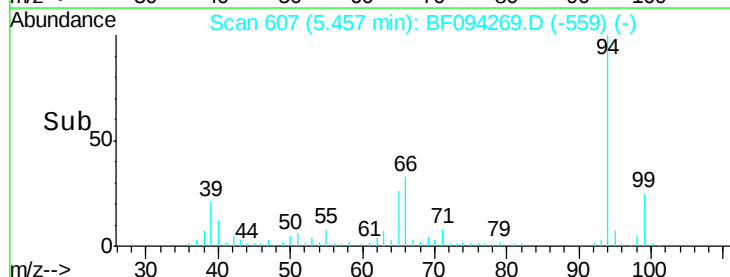
66 33.5 23.1 63.1

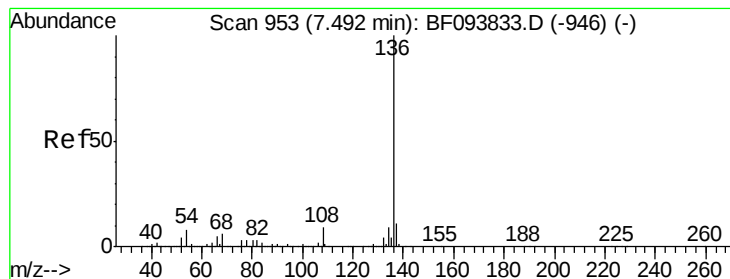


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

Instrument :

BNA_F

ClientSampled :

GW-2

Tot Ion:136 Resp: 679267

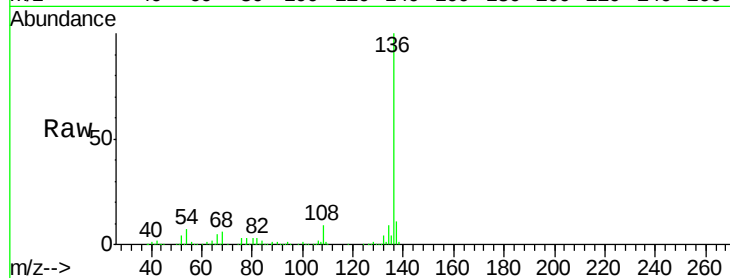
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

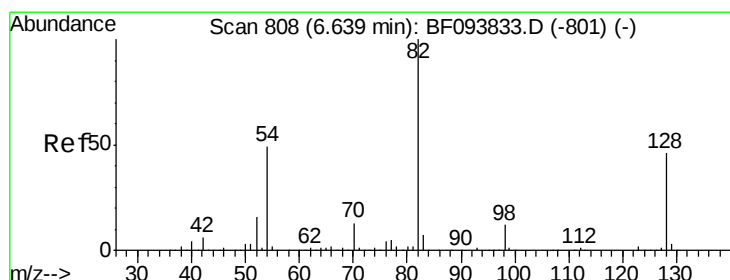
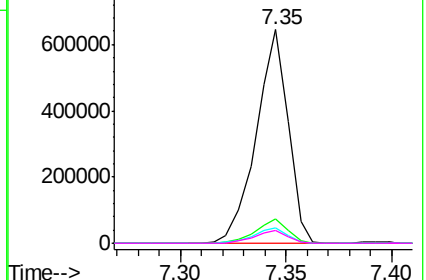
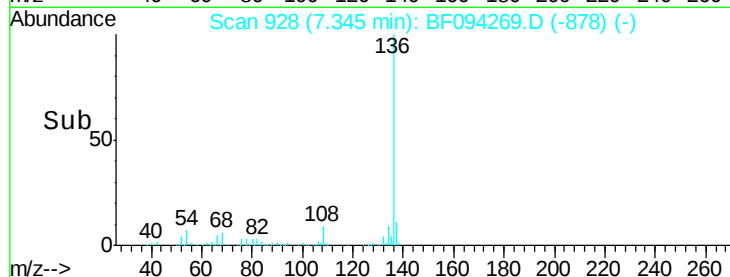


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.92 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

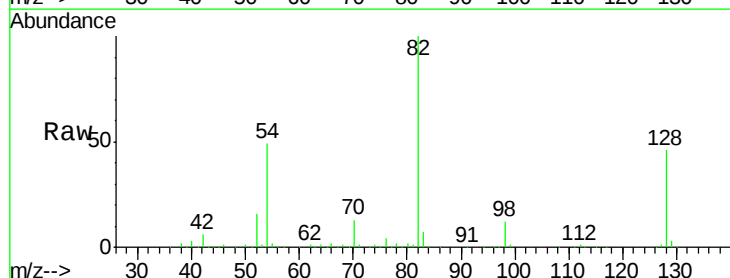
Tgt Ion: 82 Resp: 867979

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

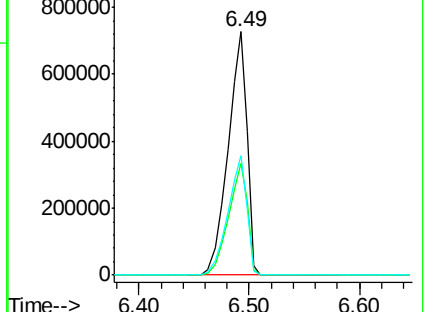
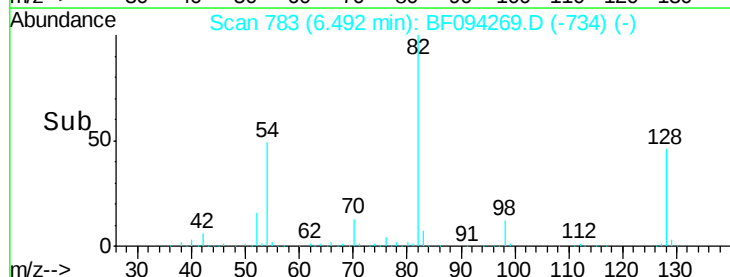
54 49.2 42.2 63.2

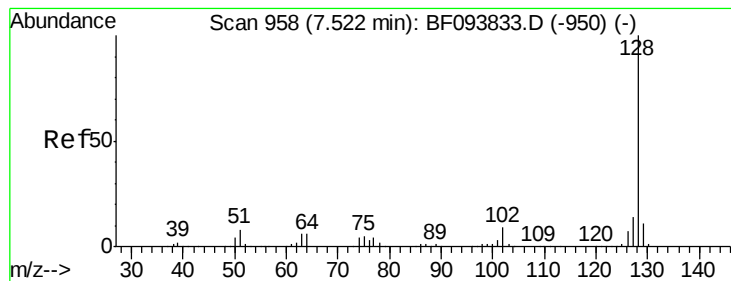


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 7.48 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

GW-2

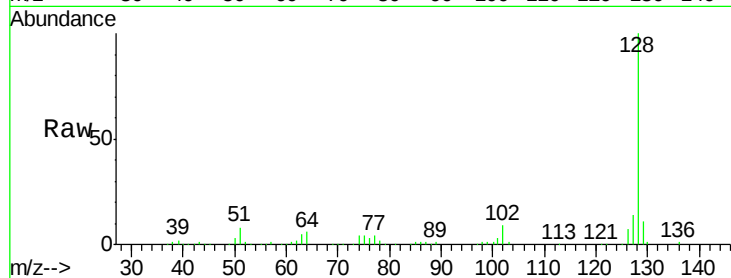
Tot Ion:128 Resp: 244370

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

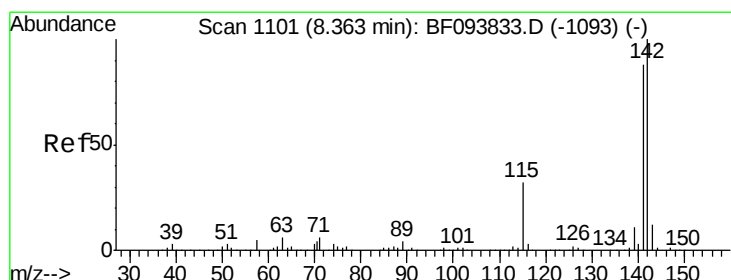
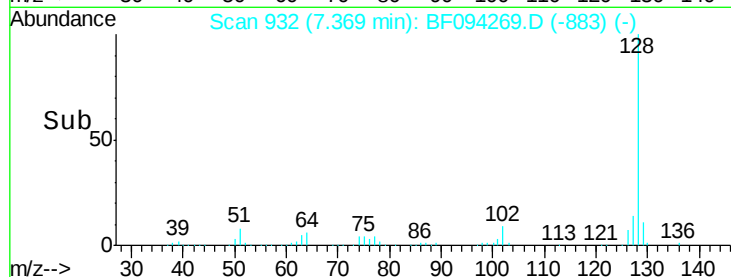
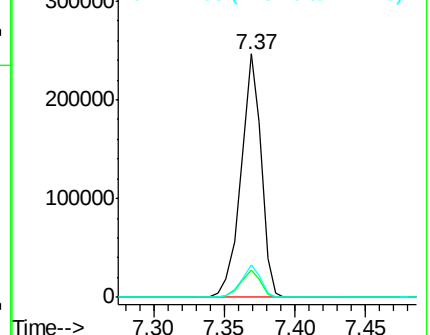
127 13.5 10.8 16.2



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: 3.22 ng

RT: 8.21 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

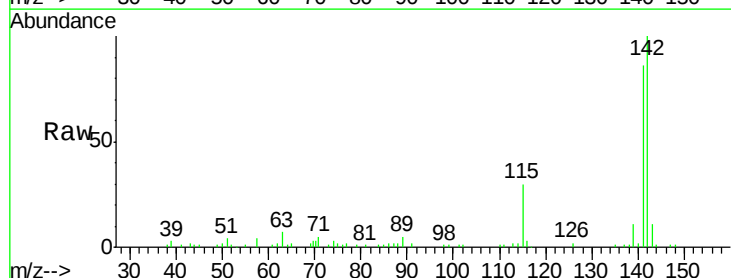
Tgt Ion:142 Resp: 70025

Ion Ratio Lower Upper

142 100

141 85.8 71.3 106.9

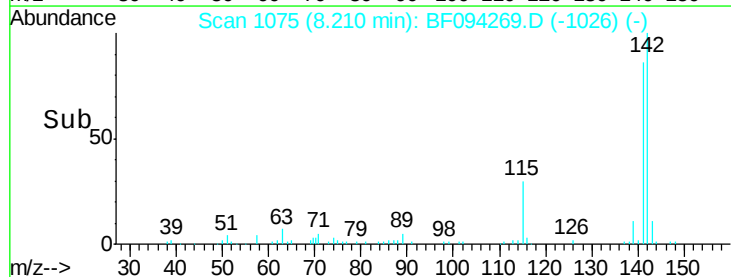
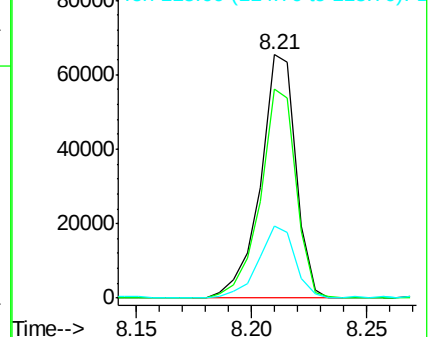
115 29.5 27.1 40.7

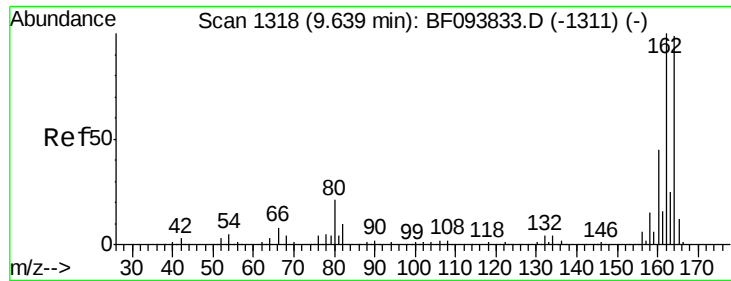


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

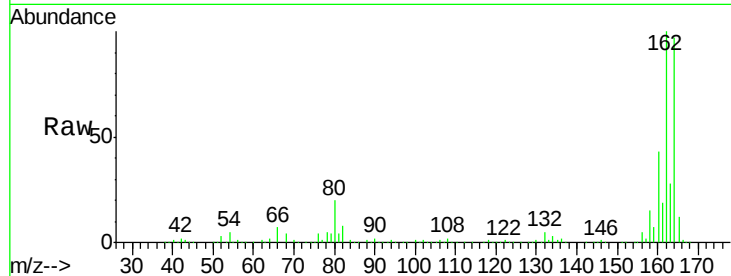




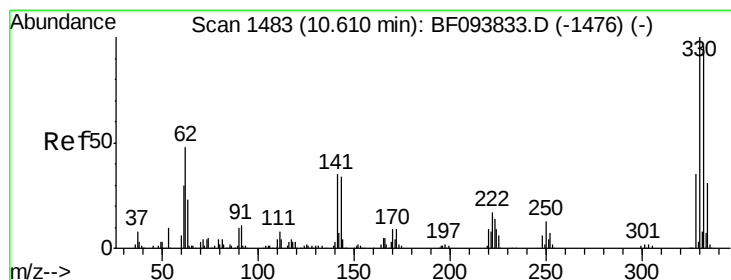
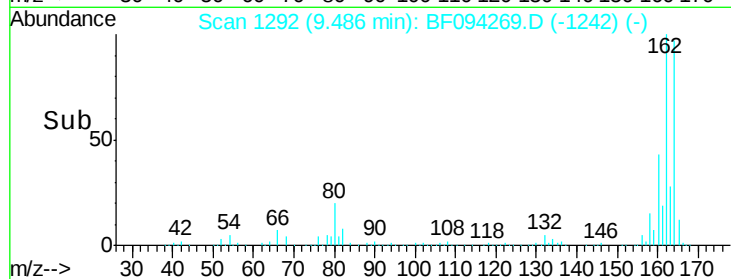
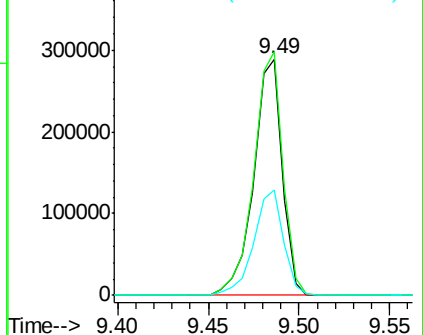
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion:164 Resp: 316086
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 44.8 36.2 54.2

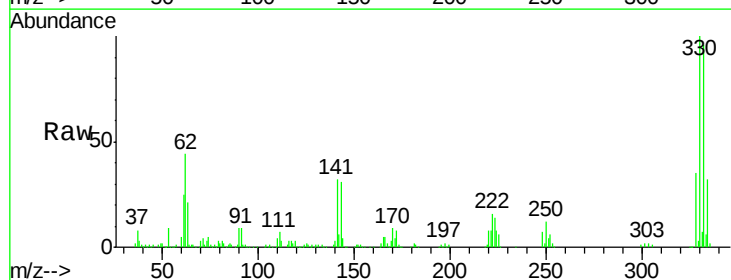


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

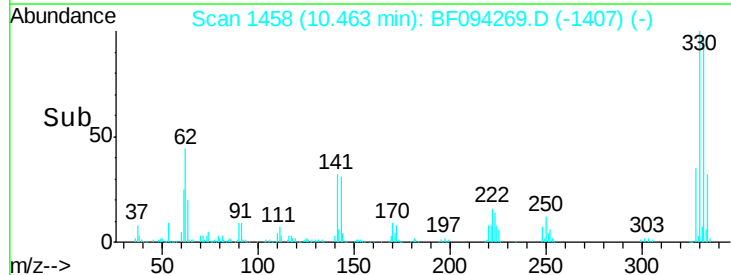
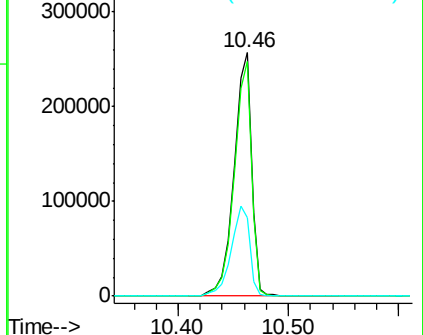


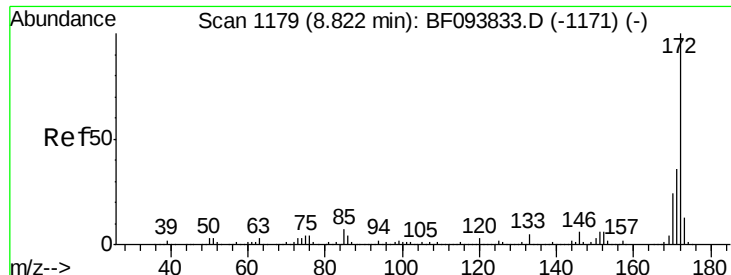
#41
 2,4,6-Tribromophenol
 Concen: 115.90 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Tgt Ion:330 Resp: 289484
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.9 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



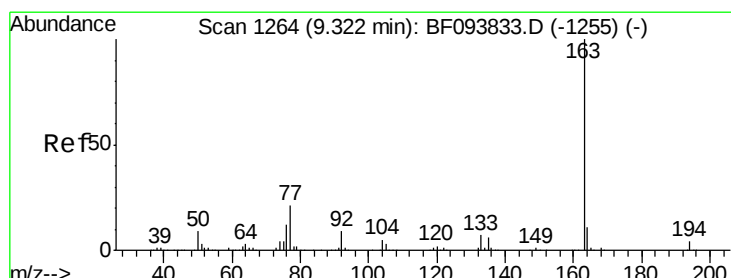
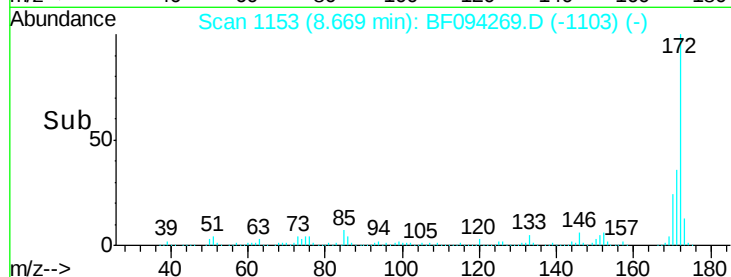
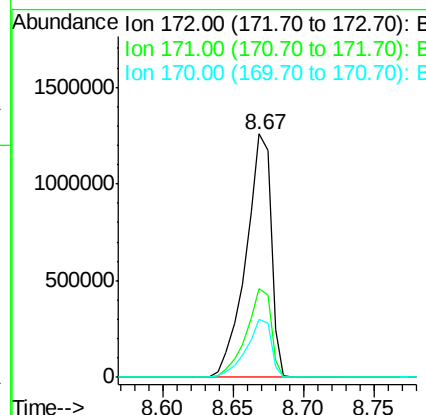
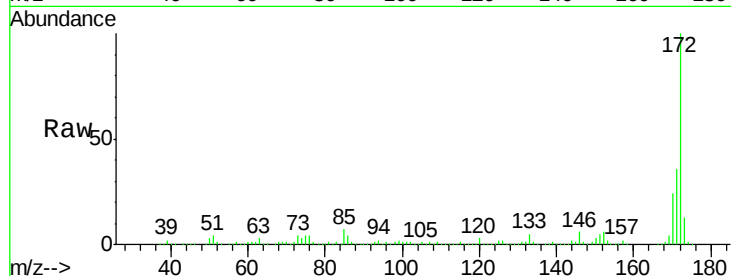


#44
 2-Fluorobiphenyl
 Concen: 76.11 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion:172 Resp: 1577192

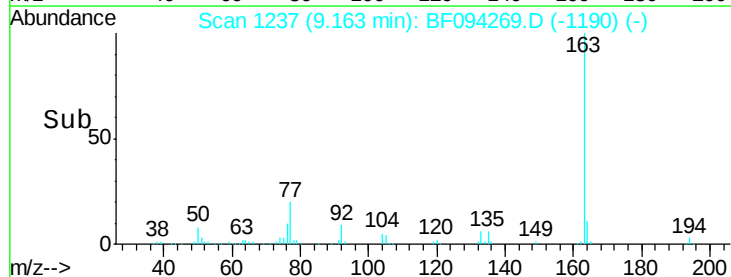
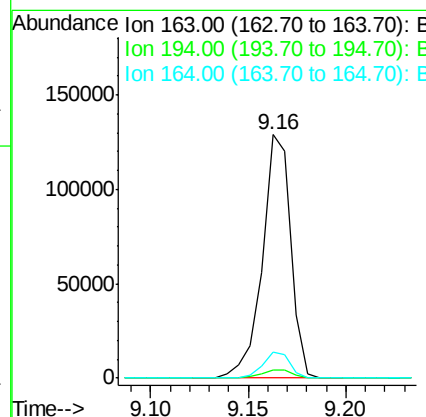
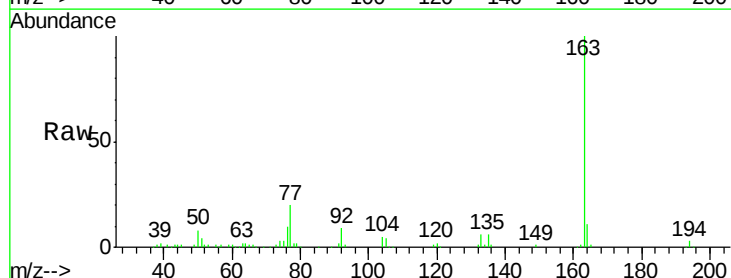
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.8	29.8

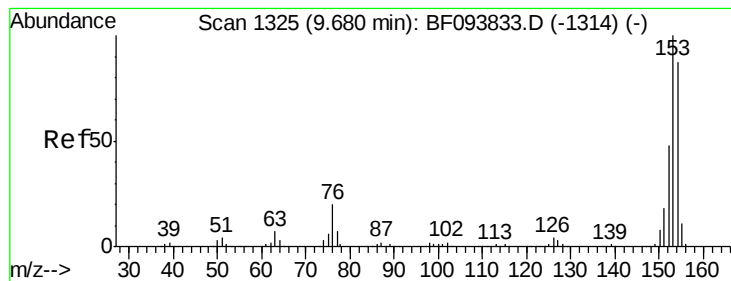


#49
 Dimethylphthalate
 Concen: 5.78 ng
 RT: 9.16 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Tgt Ion:163 Resp: 129981

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.5	8.4	12.6





#51

Acenaphthene

Concen: 6.88 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

GW-2

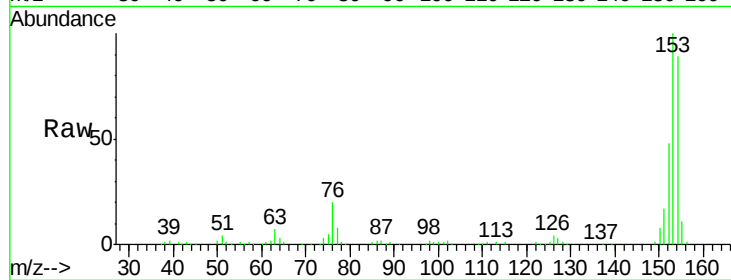
Tot Ion:154 Resp: 133213

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

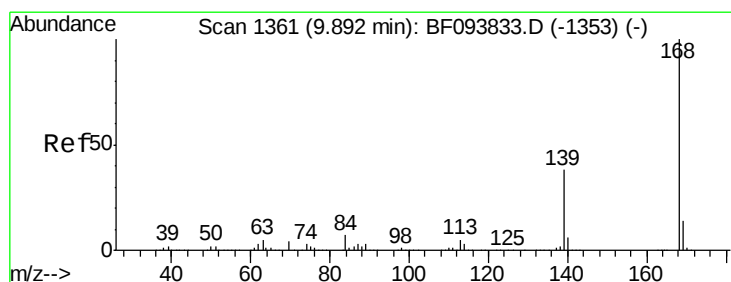
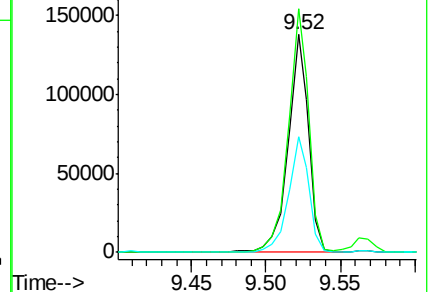
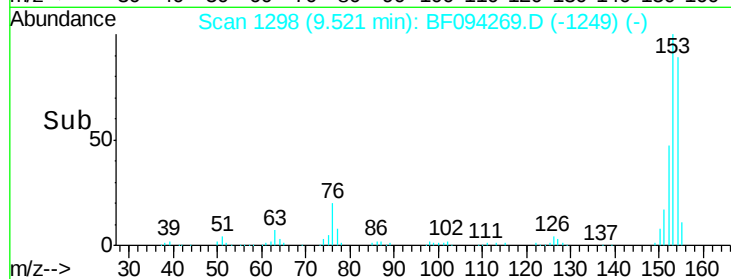
152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.32 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF094269.D

Acq: 7 Apr 2017 13:27

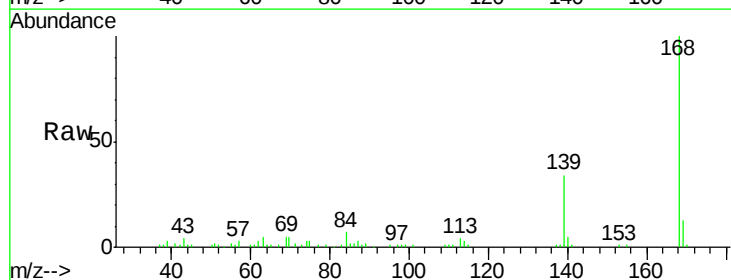
Tgt Ion:168 Resp: 61106

Ion Ratio Lower Upper

168 100

139 34.2 30.6 45.8

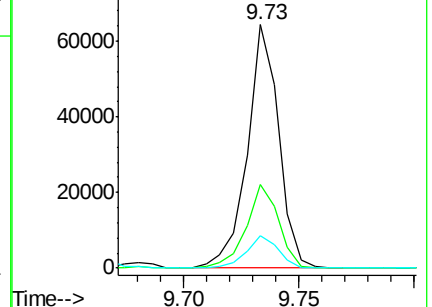
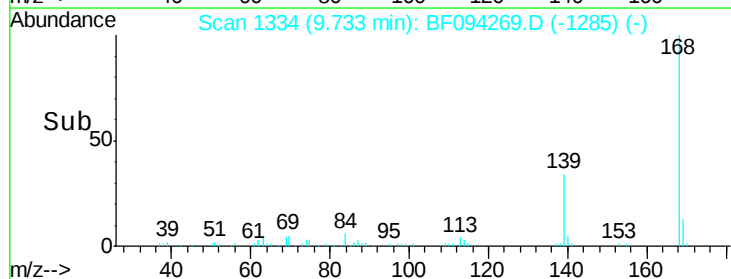
169 13.1 10.8 16.2

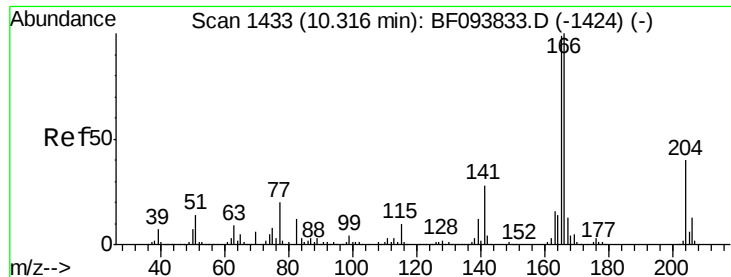


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

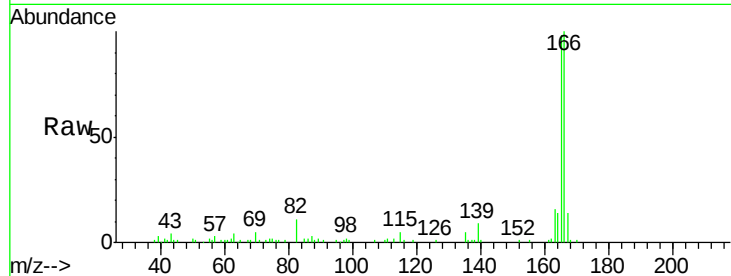




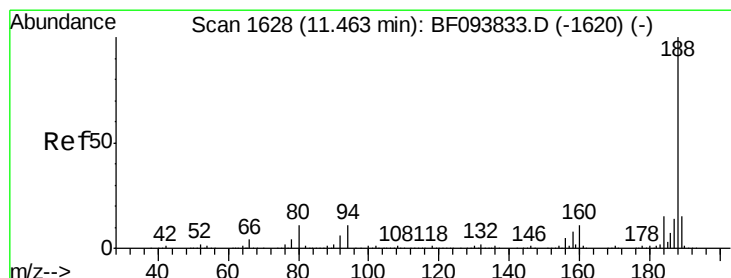
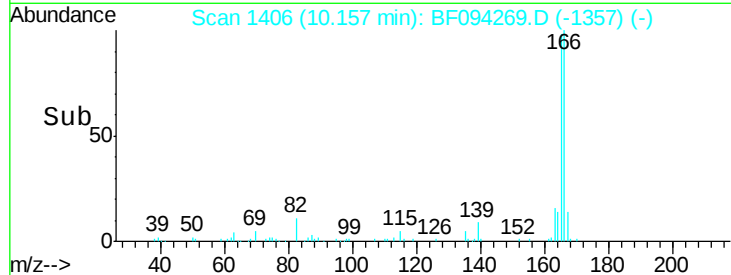
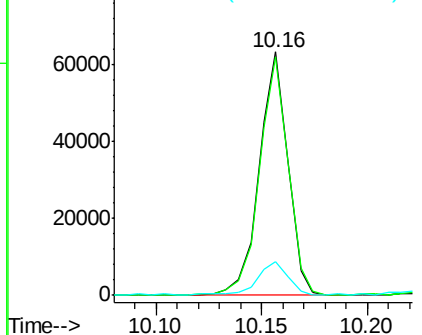
#57
 Fluorene
 Concen: 2.73 ng
 RT: 10.16 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion:166 Resp: 59736
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.8 118.2
 167 13.7 10.6 16.0

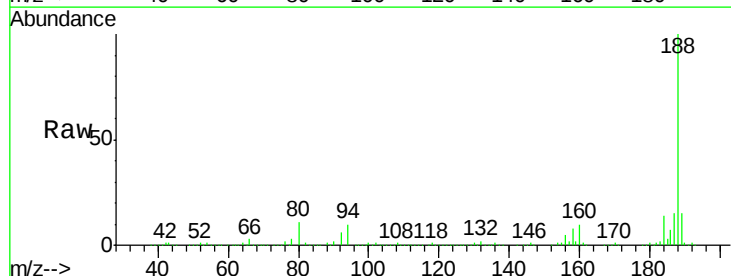


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

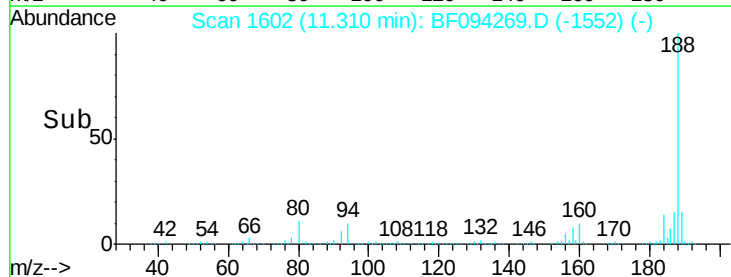
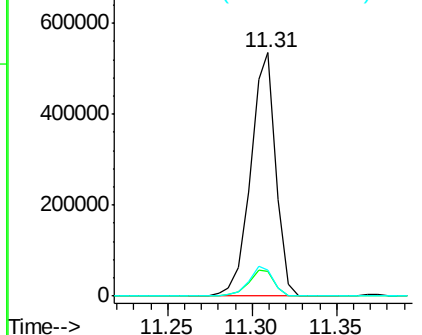


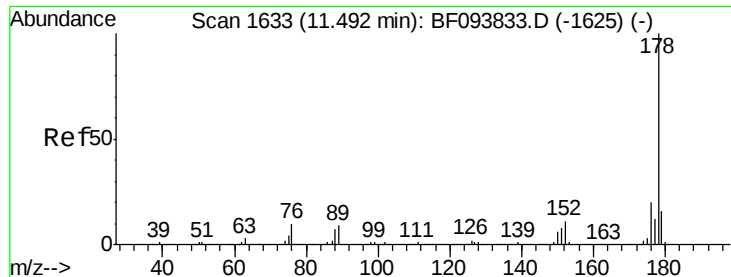
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Tgt Ion:188 Resp: 556185
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.8 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

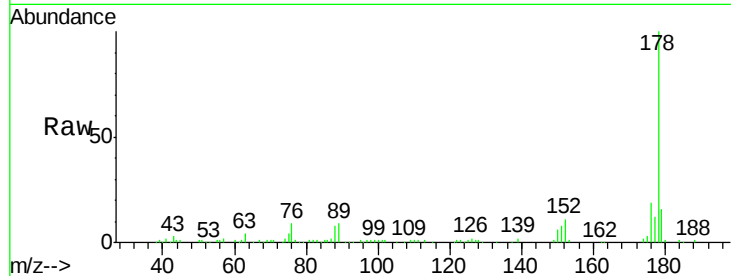




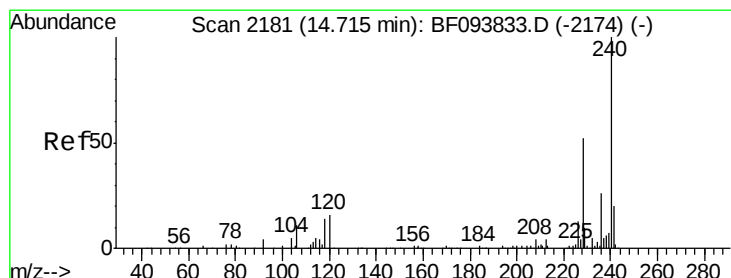
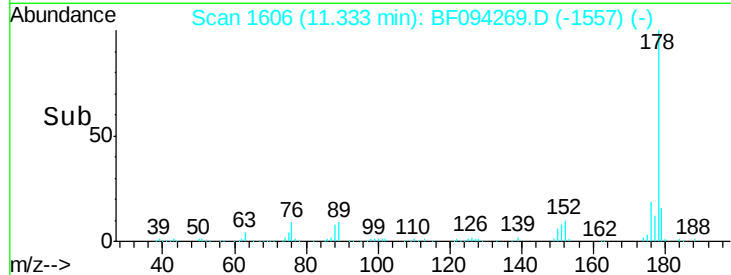
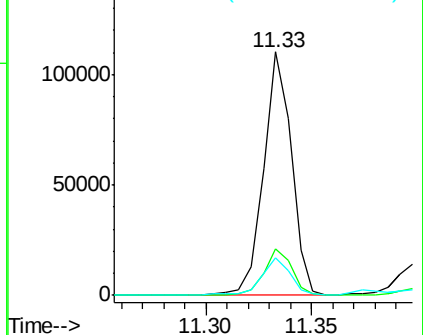
#70
Phenanthrene
Concen: 3.29 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF094269.D
Acq: 7 Apr 2017 13:27

Instrument :
BNA_F
ClientSampled :
GW-2

Tot Ion:178 Resp: 101855
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.4
179 15.6 12.6 19.0

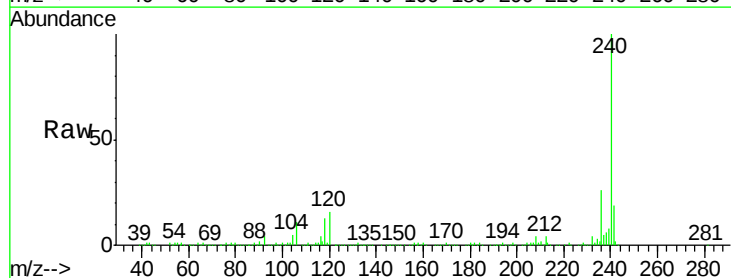


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

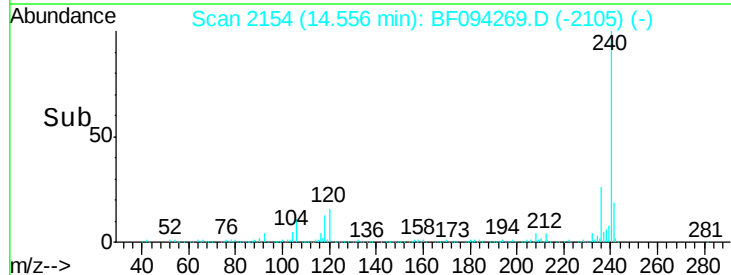
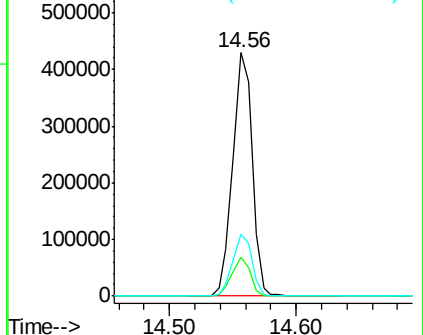


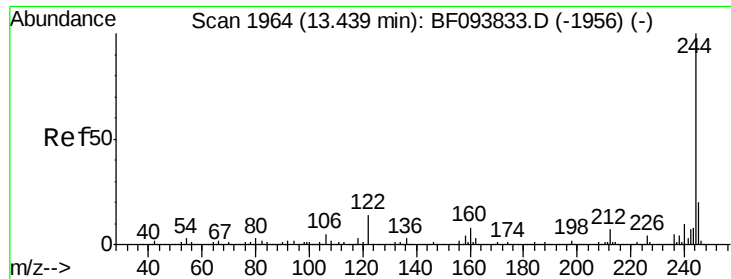
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BF094269.D
Acq: 7 Apr 2017 13:27

Tgt Ion:240 Resp: 455621
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.5 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

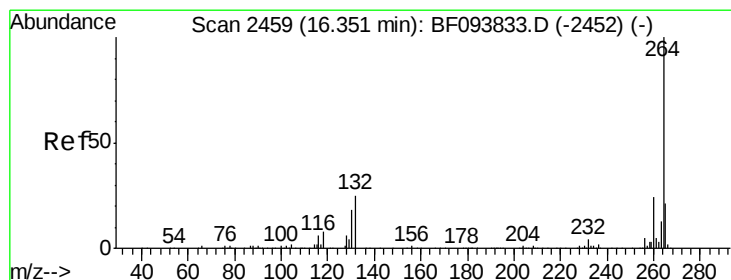
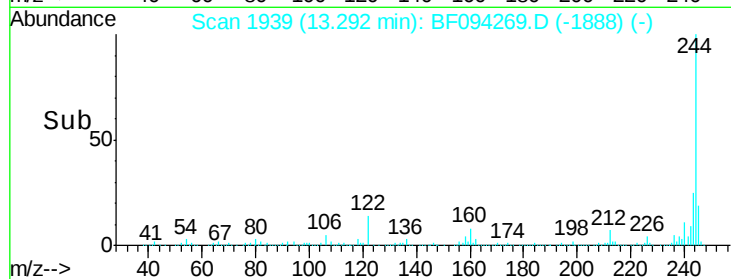
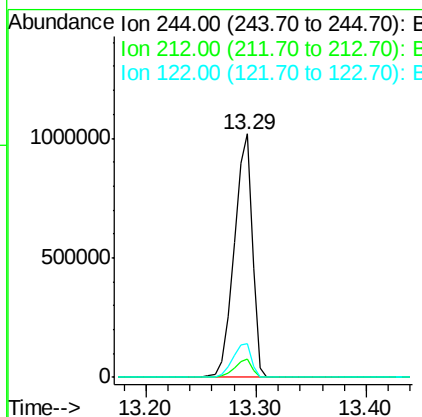
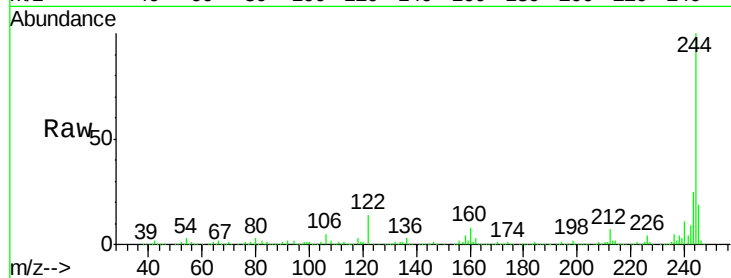




#78
 Terphenyl-d14
 Concen: 57.75 ng
 RT: 13.29 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion:244 Resp: 1173803
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094269.D
 Acq: 7 Apr 2017 13:27

Tgt Ion:264 Resp: 300513
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.8 17.2 25.8

