

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089615.D
 Acq On : 5 Aug 2016 6:23
 Operator : UM/SJ
 Sample : H4288-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-65-10.0-15.0

Quant Time: Aug 05 07:42:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

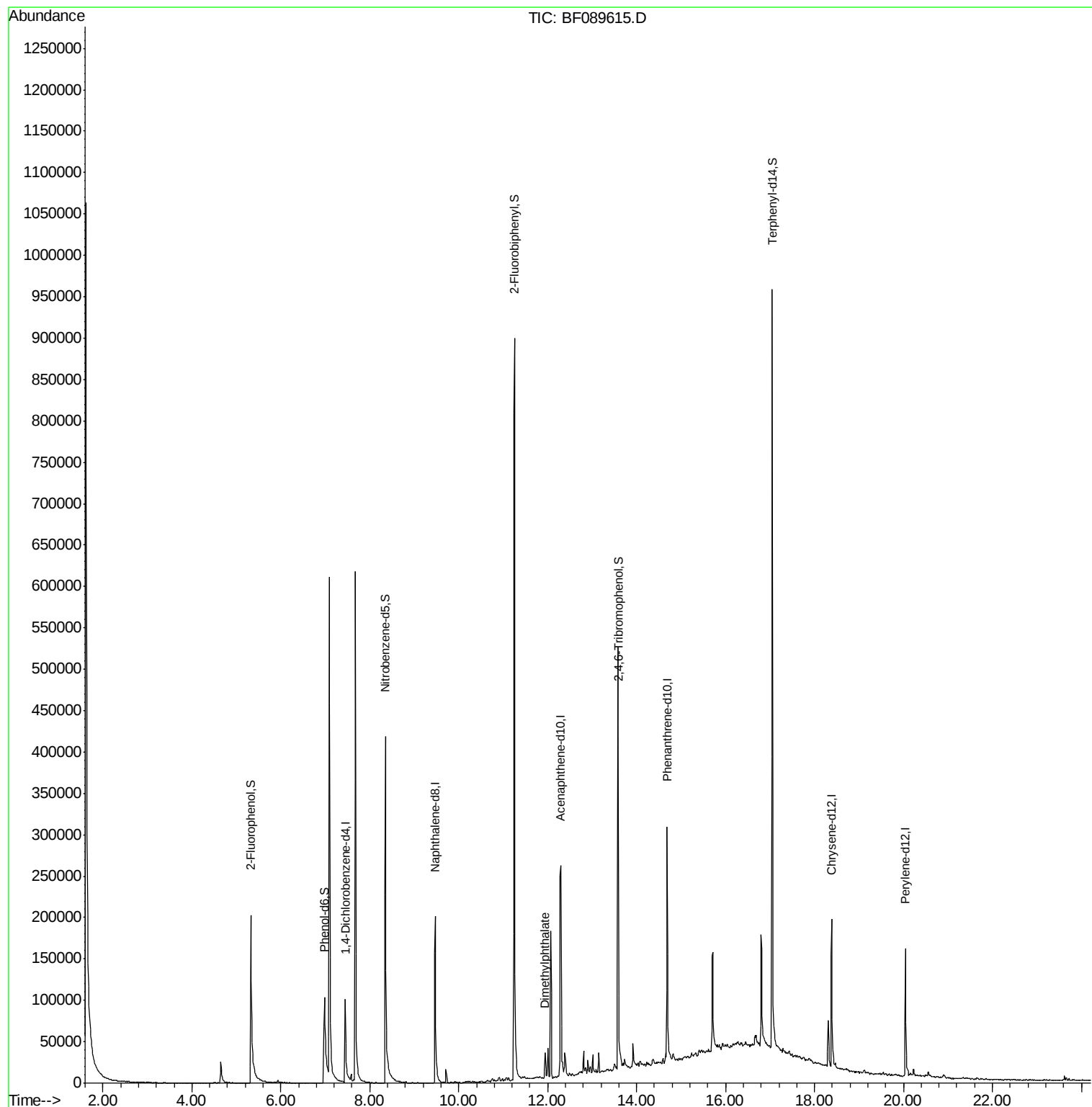
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42149	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	181479	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	87318	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	162901	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	99988	20.00	ng	0.00
86) Perylene-d12	20.05	264	77828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	139968	55.66	ng	0.01
7) Phenol-d6	6.98	99	127319	37.32	ng	0.00
23) Nitrobenzene-d5	8.35	82	265573	80.94	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	91476	126.95	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	511404	76.12	ng	0.00
78) Terphenyl-d14	17.05	244	362625	71.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.94	163	17570	2.57	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Instrument :

BNA_F

ClientSampleId :

GW-65-10.0-15.0

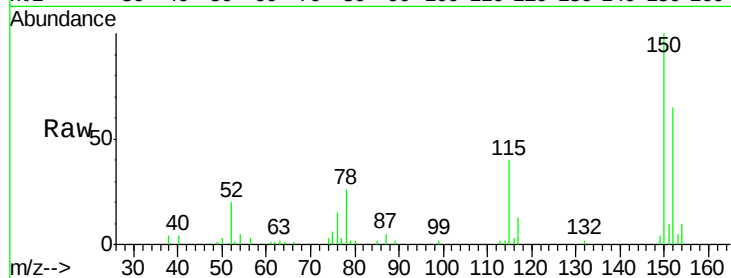
Tot Ion:152 Resp: 42149

Ion Ratio Lower Upper

152 100

150 154.5 125.5 188.3

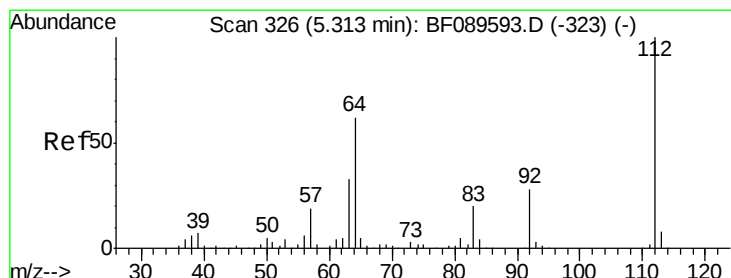
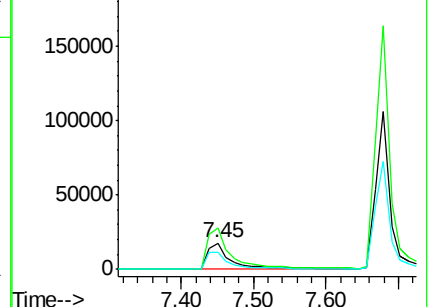
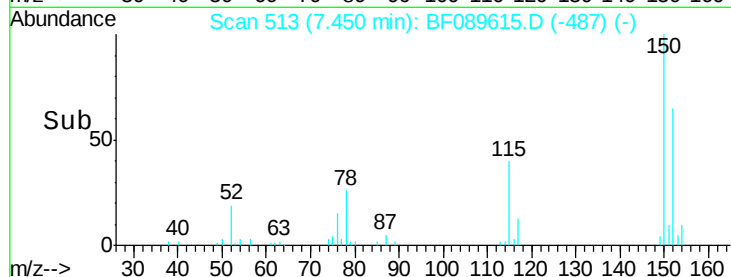
115 62.5 52.0 78.0



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: 55.66 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.01 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

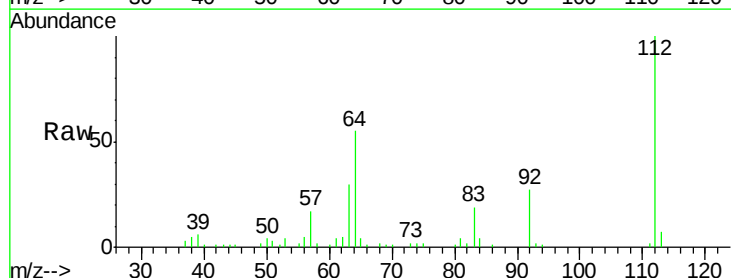
Tgt Ion:112 Resp: 139968

Ion Ratio Lower Upper

112 100

64 55.3 49.9 74.9

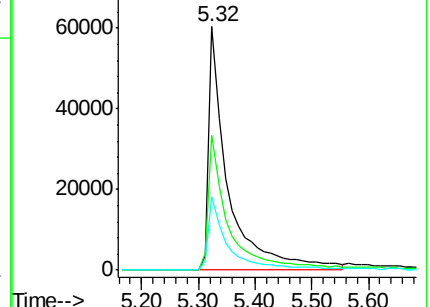
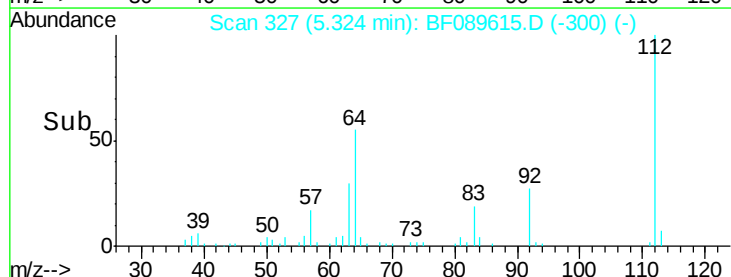
63 30.2 26.1 39.1



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: 37.32 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Instrument :

BNA_F

ClientSampleId :

GW-65-10.0-15.0

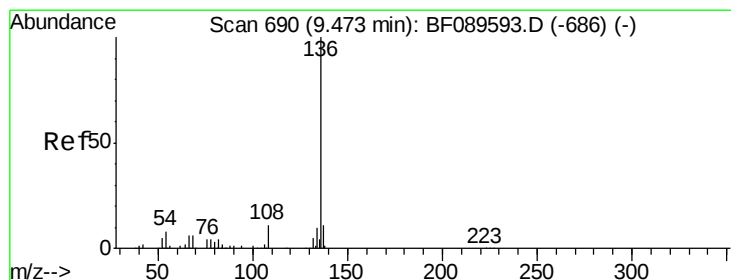
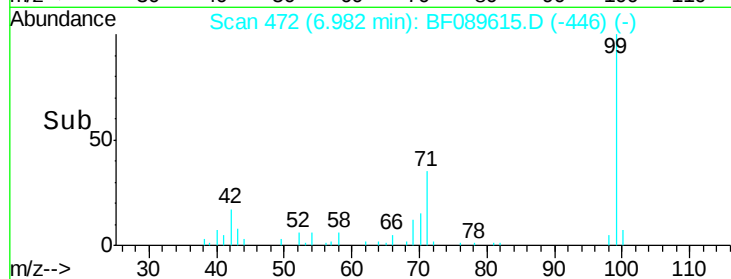
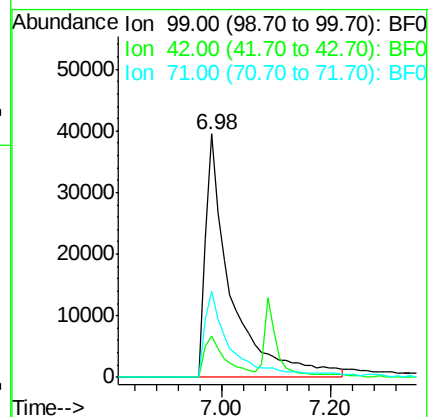
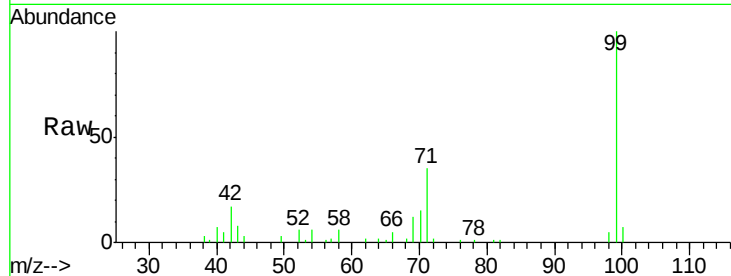
Tot Ion: 99 Resp: 127319

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

71 35.3 29.0 43.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Tgt Ion: 136 Resp: 181479

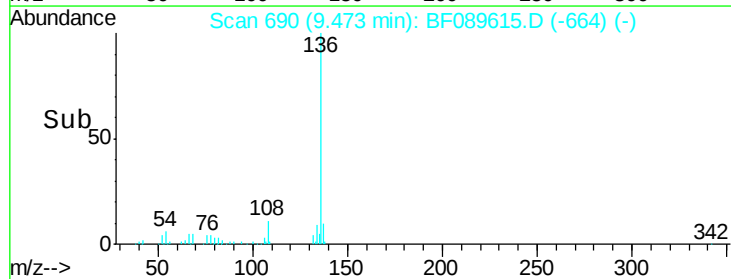
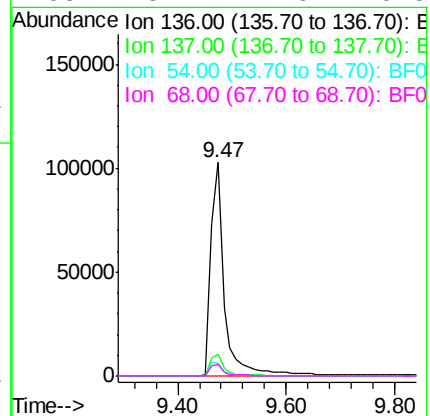
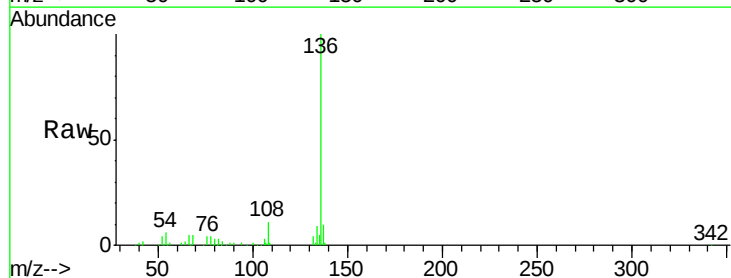
Ion Ratio Lower Upper

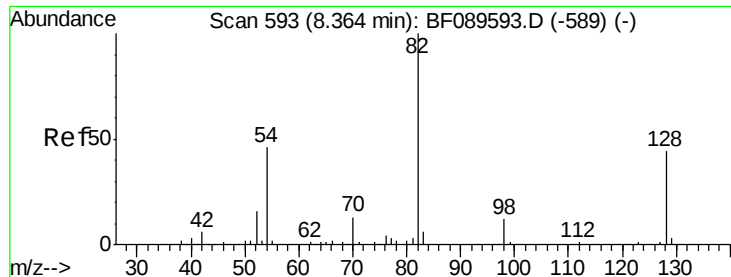
136 100

137 10.2 8.6 12.8

54 6.3 6.0 9.0

68 5.2 4.6 6.8

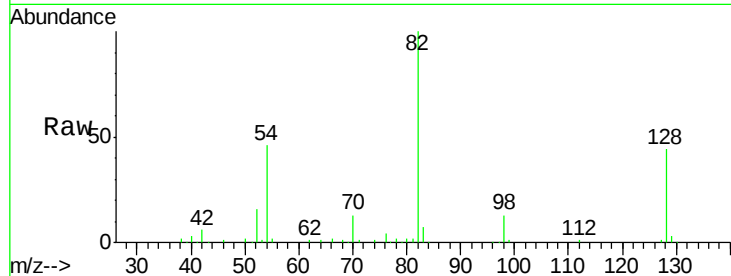




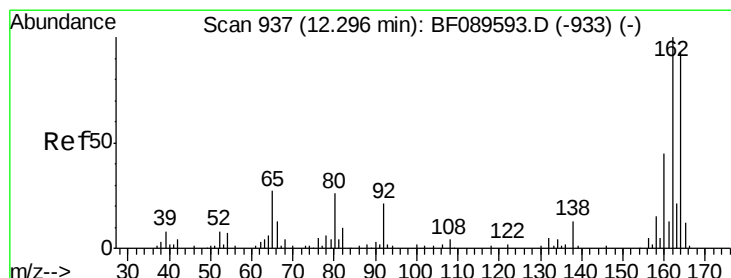
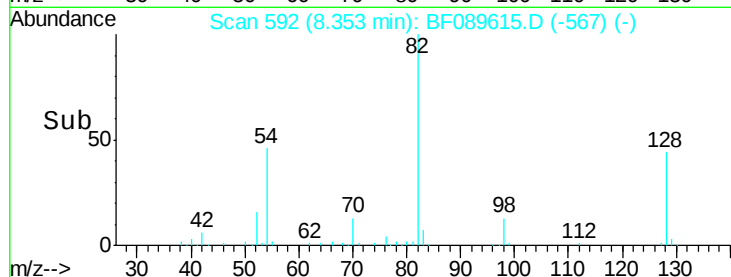
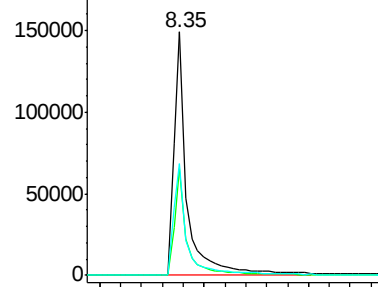
#23
 Nitrobenzene-d5
 Concen: 80.94 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089615.D
 Acq: 5 Aug 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 GW-65-10.0-15.0

Tot Ion	82	Resp	265573
Ion Ratio	Lower	Upper	
82	100		
128	43.7	35.4	53.0
54	45.9	36.4	54.6

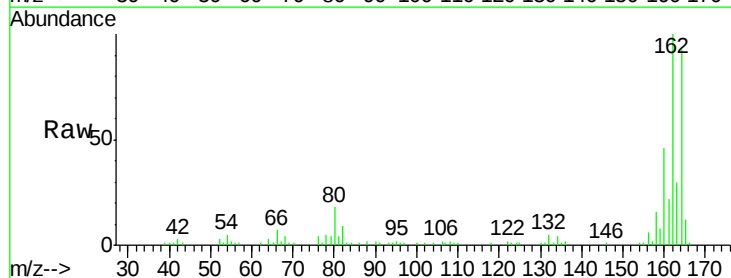


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

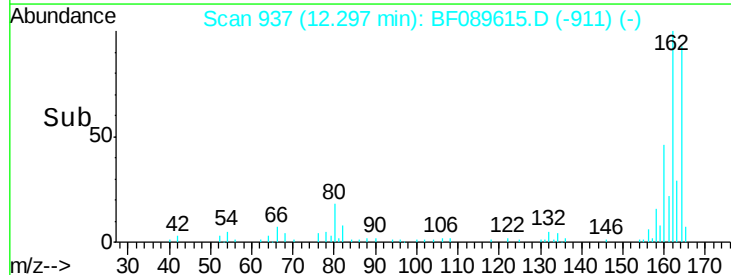
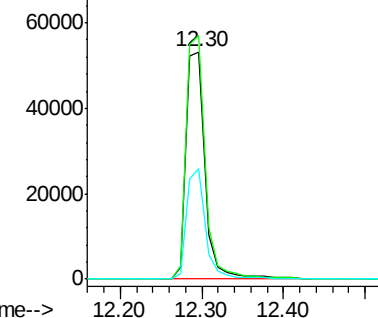


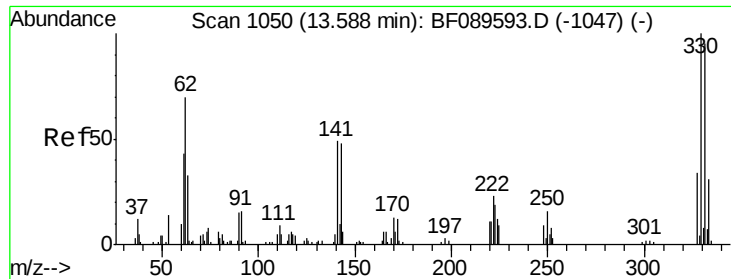
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089615.D
 Acq: 5 Aug 2016 6:23

Tgt Ion	164	Resp	87318
Ion Ratio	Lower	Upper	
164	100		
162	107.1	85.7	128.5
160	48.8	38.2	57.4



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

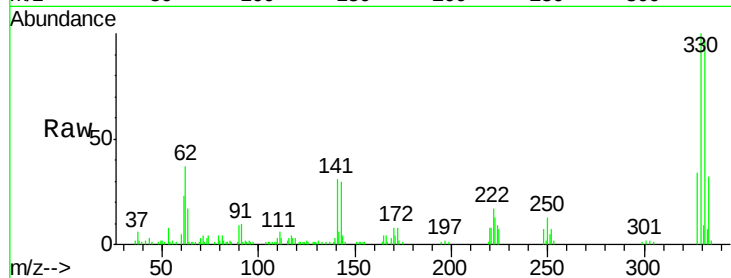




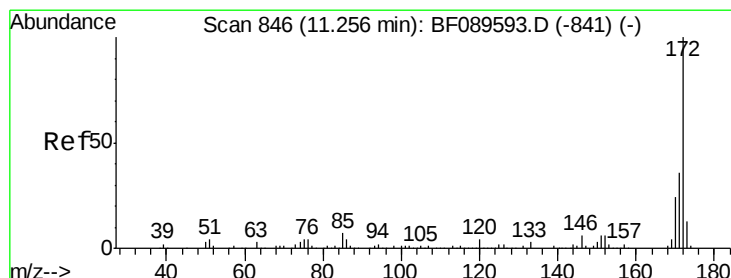
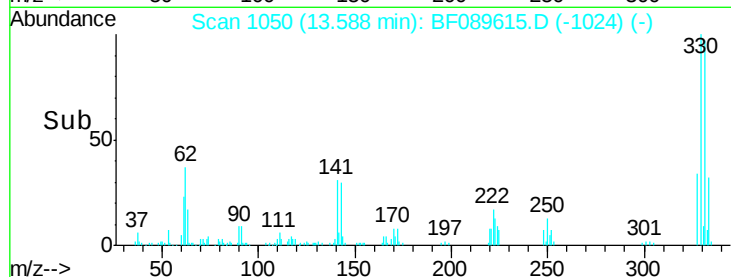
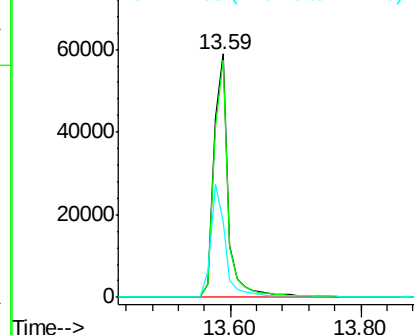
#41
 2,4,6-Tribromophenol
 Concen: 126.95 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089615.D
 Acq: 5 Aug 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 GW-65-10.0-15.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	48.6	38.6	57.8

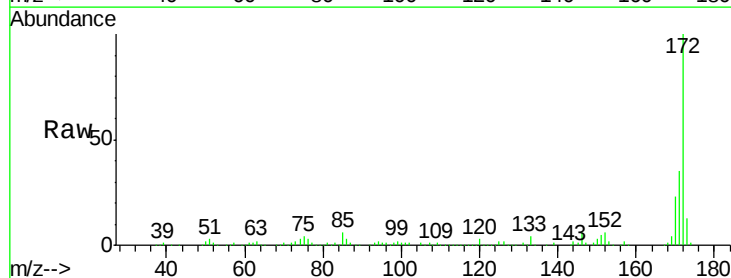


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

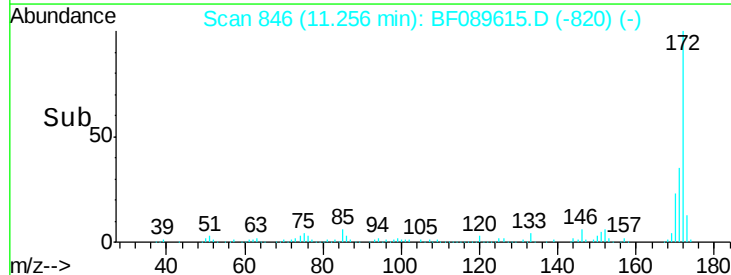
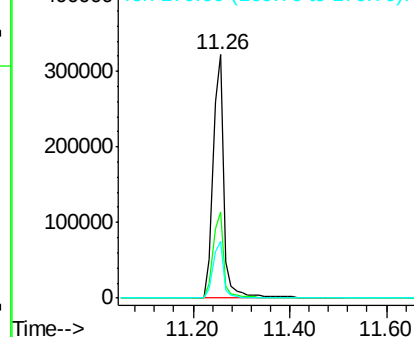


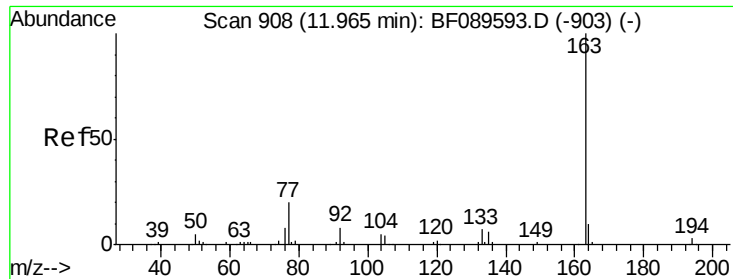
#44
 2-Fluorobiphenyl
 Concen: 76.12 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089615.D
 Acq: 5 Aug 2016 6:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.2	19.0	28.6



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

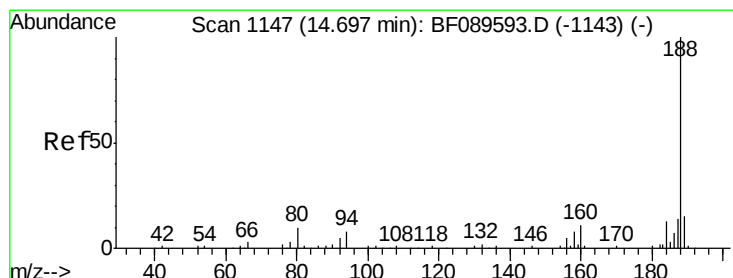
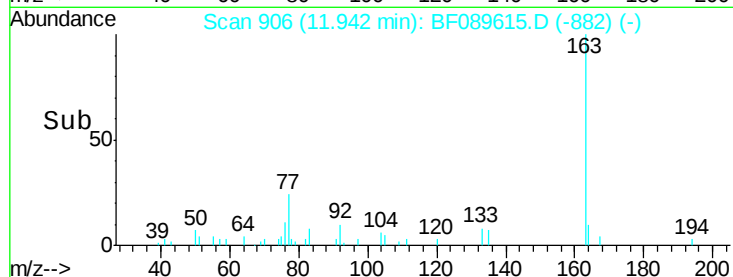
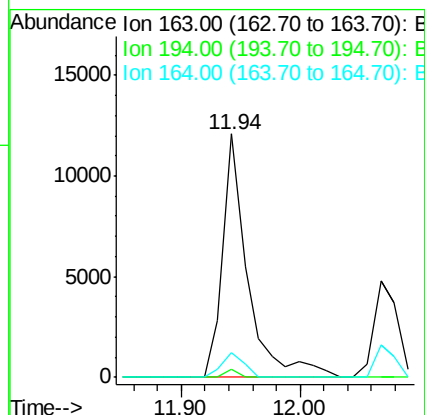
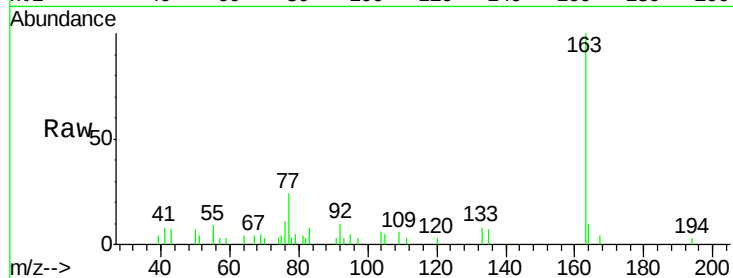




#49
Dimethylphthalate
Concen: 2.57 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

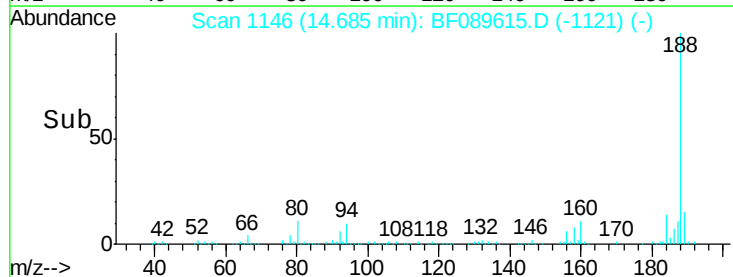
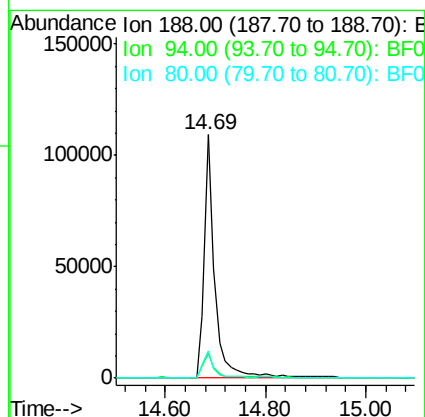
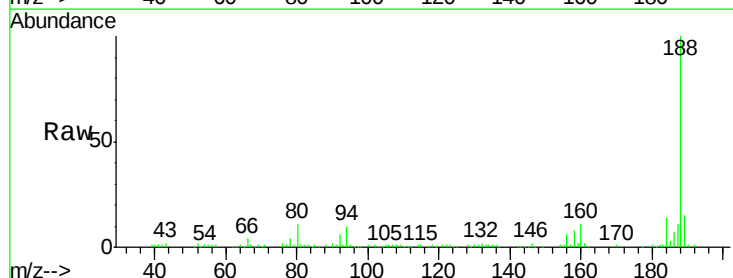
Instrument :
BNA_F
ClientSampleId :
GW-65-10.0-15.0

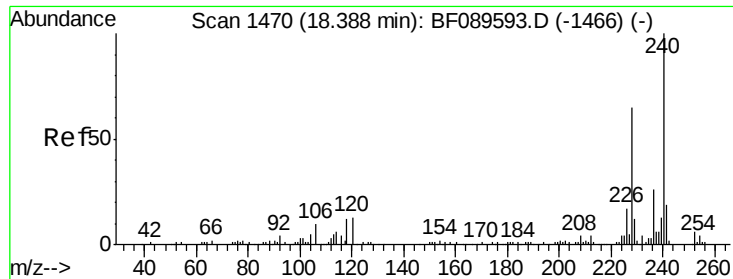
Tot Ion:163 Resp: 17570
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.0 7.8 11.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

Tgt Ion:188 Resp: 162901
Ion Ratio Lower Upper
188 100
94 10.2 6.5 9.7#
80 11.2 8.0 12.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.39 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Instrument :

BNA_F

ClientSampleId :

GW-65-10.0-15.0

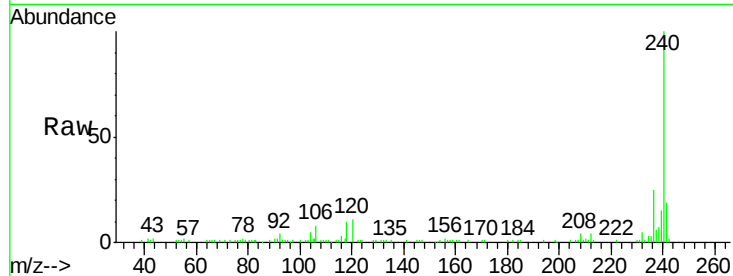
Tot Ion:240 Resp: 99988

Ion Ratio Lower Upper

240 100

120 10.7 10.6 15.8

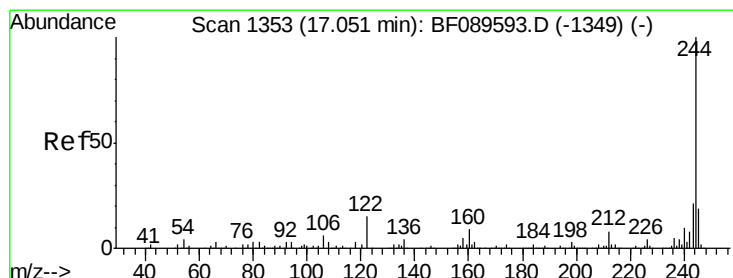
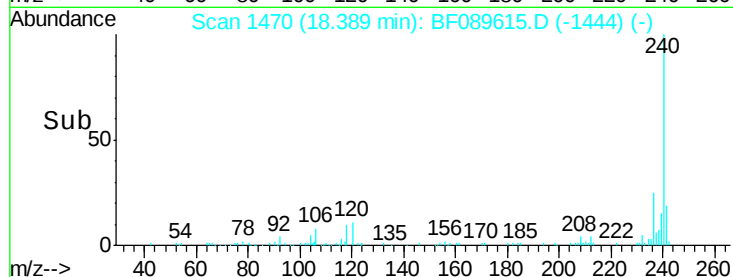
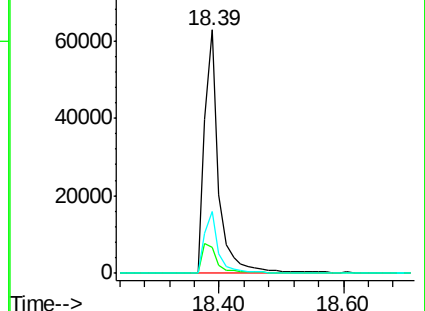
236 25.5 20.6 30.8



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: 71.60 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

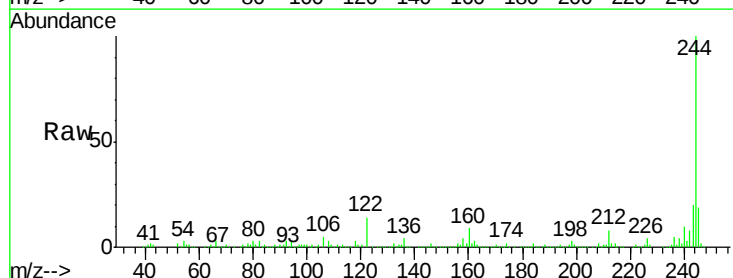
Tgt Ion:244 Resp: 362625

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

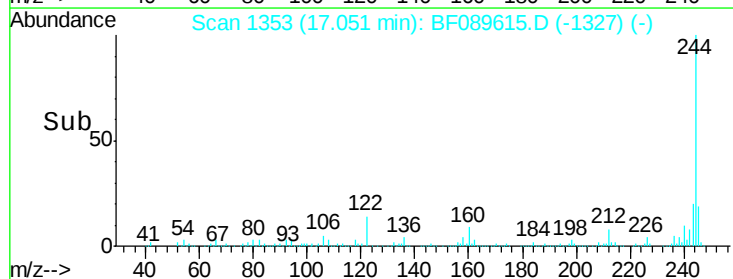
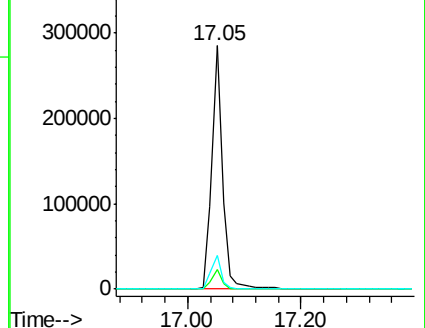
122 13.8 12.2 18.2

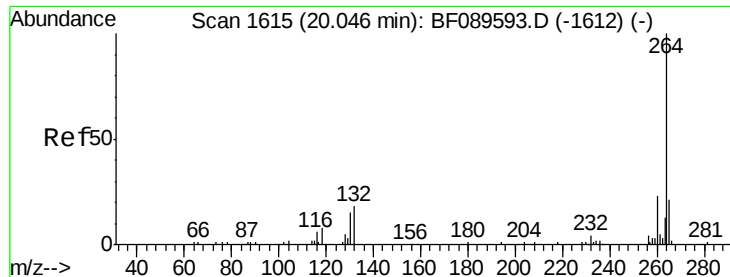


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

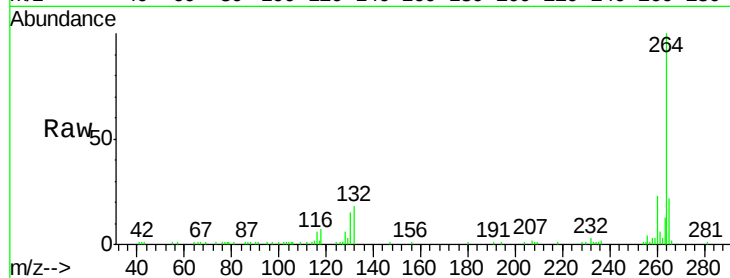




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089615.D
 Acq: 5 Aug 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 GW-65-10.0-15.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.7	16.5	24.7



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

