

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089228.D
 Acq On : 23 Jul 2016 10:25
 Operator : UM/SJ
 Sample : H4120-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

Quant Time: Jul 25 03:48:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46224	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	204821	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	96672	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	190938	20.00	ng	0.00
75) Chrysene-d12	13.70	240	141345	20.00	ng	-0.01
86) Perylene-d12	15.04	264	101874	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	155856	51.28	ng	0.00
7) Phenol-d6	6.23	99	145543	37.13	ng	-0.01
23) Nitrobenzene-d5	7.15	82	265365	68.84	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	88340	101.50	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	498904	71.11	ng	0.00
78) Terphenyl-d14	12.67	244	489726	75.15	ng	0.00

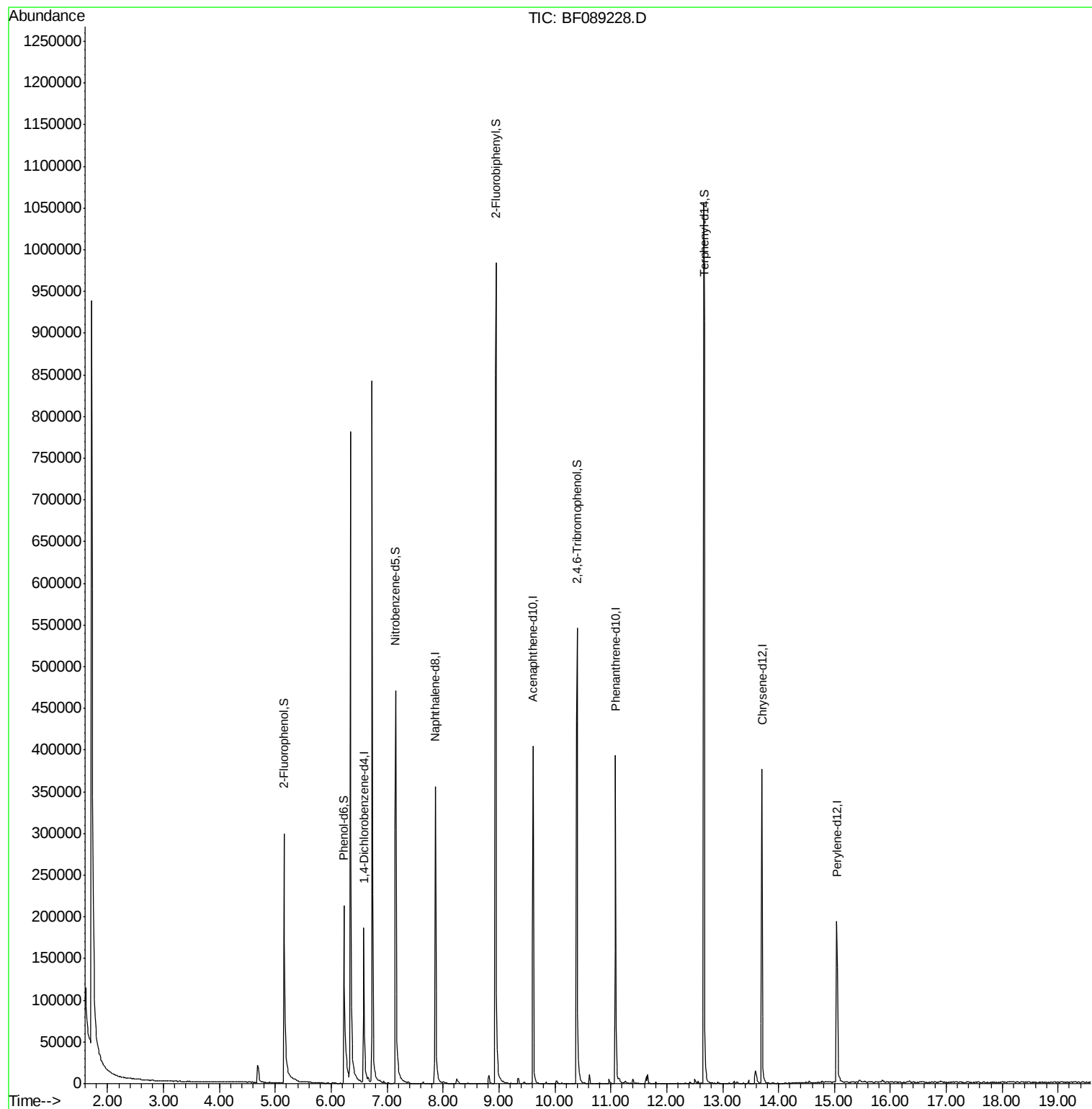
Target Compounds	Qvalue
------------------	--------

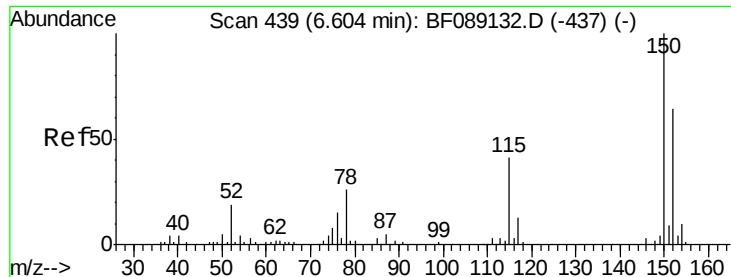
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089228.D
Acq On : 23 Jul 2016 10:25
Operator : UM/SJ
Sample : H4120-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02-6.5-17.0

Quant Time: Jul 25 03:48:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 03:29:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

Instrument :

BNA_F

ClientSampleId :

GW-02-6.5-17.0

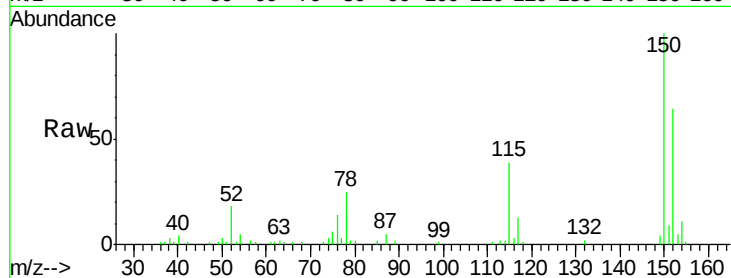
Tgt Ion:152 Resp: 46224

Ion Ratio Lower Upper

152 100

150 155.1 125.1 187.7

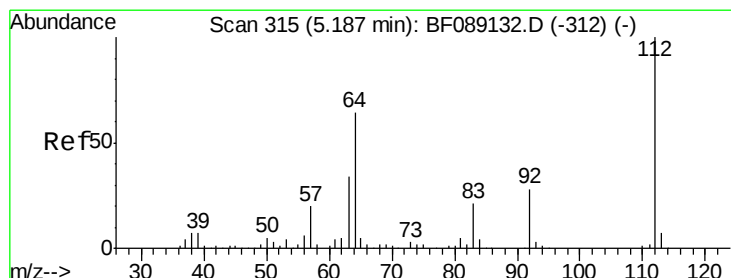
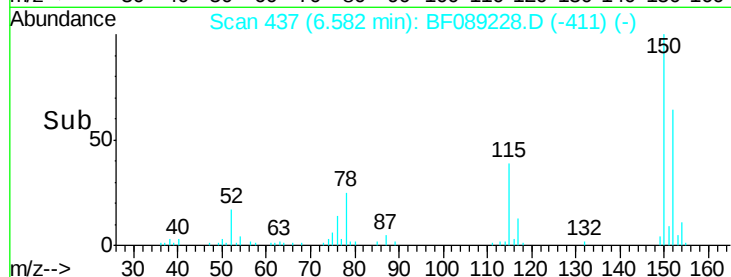
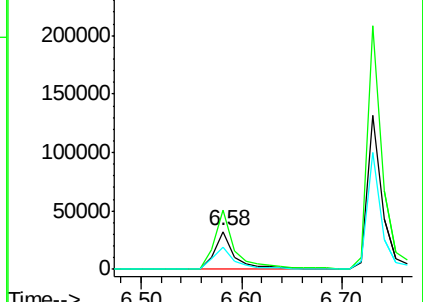
115 60.1 51.1 76.7



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: 51.28 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.00 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

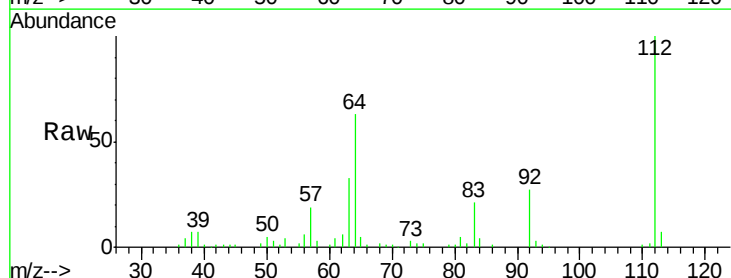
Tgt Ion:112 Resp: 155856

Ion Ratio Lower Upper

112 100

64 63.1 51.0 76.4

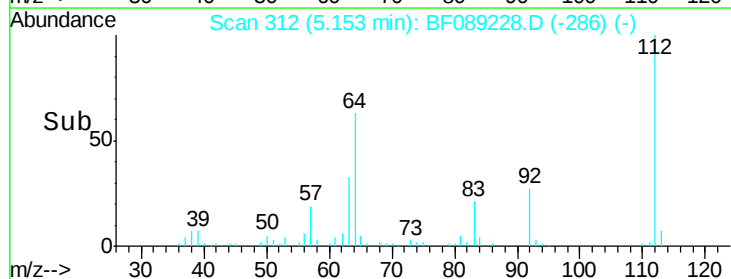
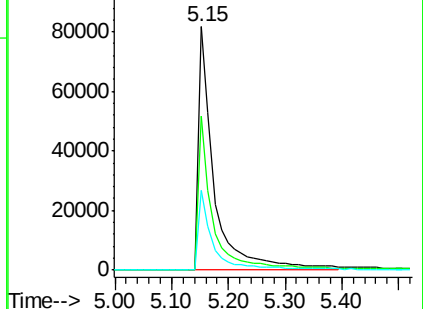
63 32.9 27.3 40.9

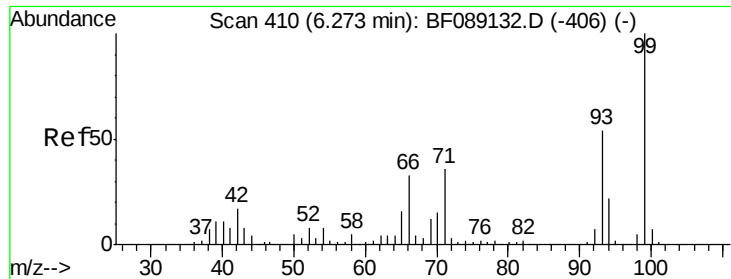


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.13 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

Instrument :

BNA_F

ClientSampleId :

GW-02-6.5-17.0

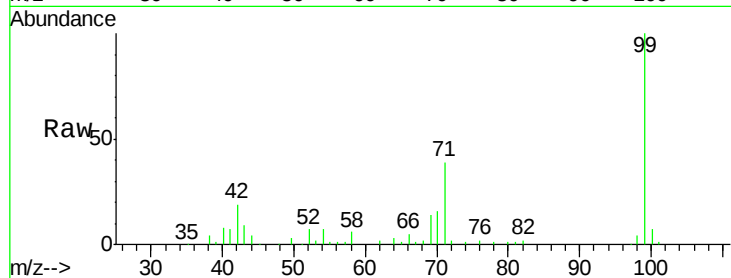
Tgt Ion: 99 Resp: 145543

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

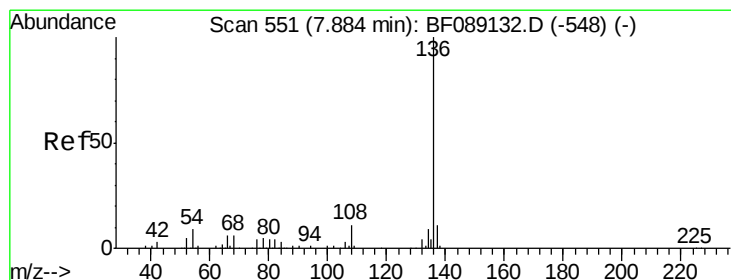
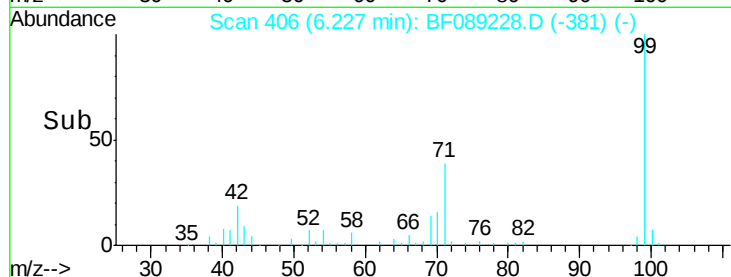
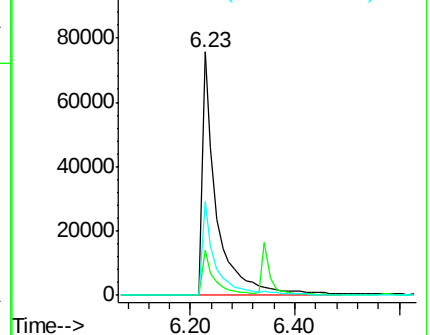
71 38.6 28.9 43.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

Tgt Ion: 136 Resp: 204821

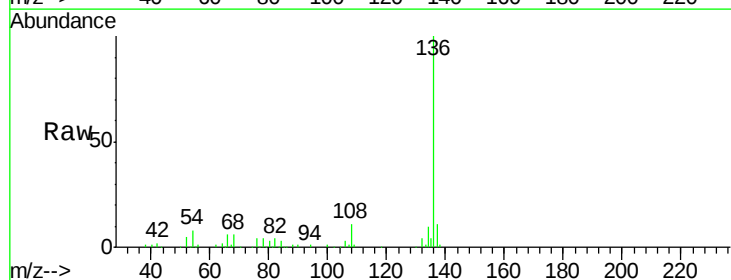
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 7.0 10.4

68 6.1 5.0 7.6

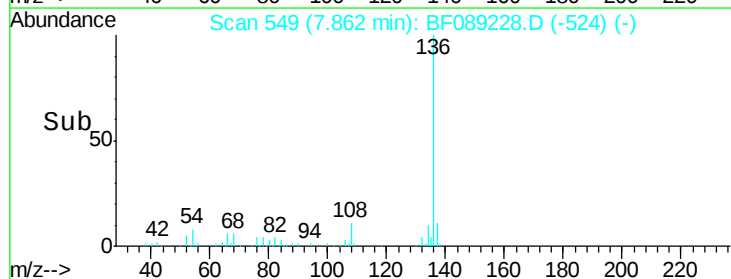
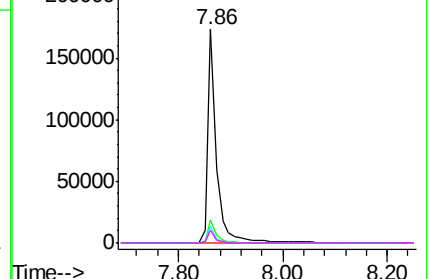


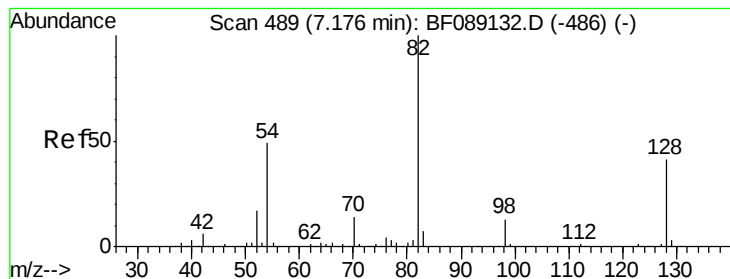
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.84 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

Instrument :

BNA_F

ClientSampleId :

GW-02-6.5-17.0

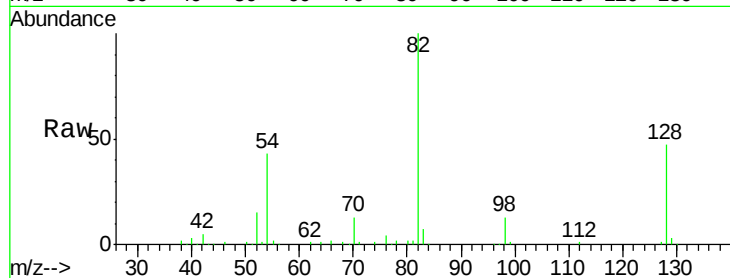
Tgt Ion: 82 Resp: 265365

Ion Ratio Lower Upper

82 100

128 47.3 33.0 49.6

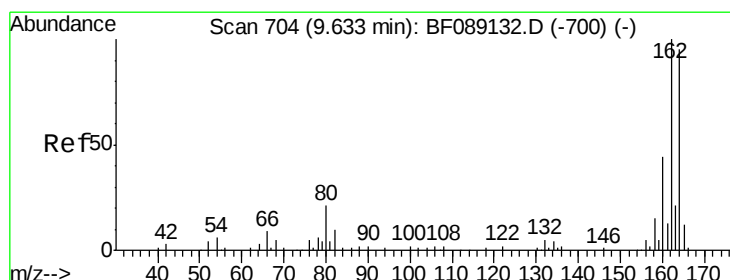
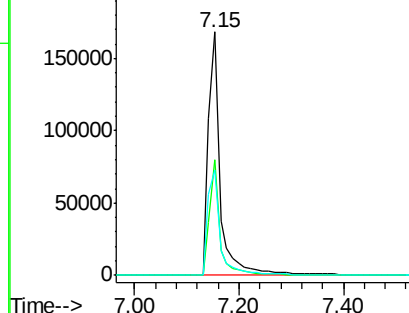
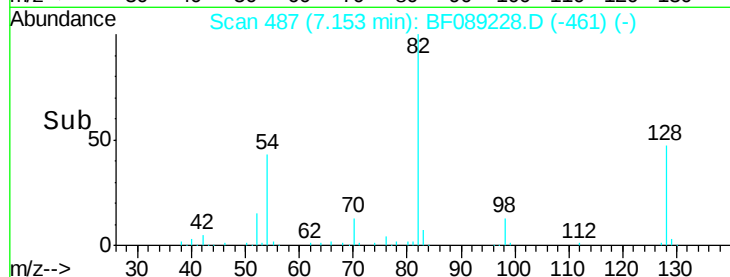
54 43.4 39.0 58.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

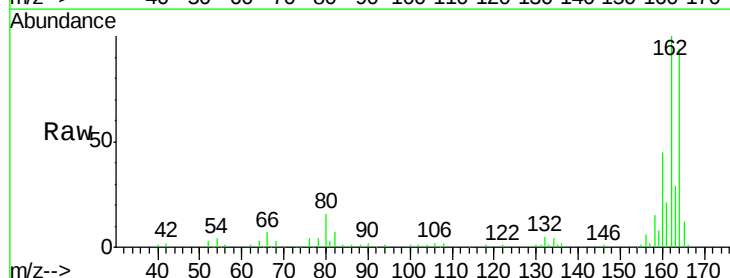
Tgt Ion: 164 Resp: 96672

Ion Ratio Lower Upper

164 100

162 106.2 84.1 126.1

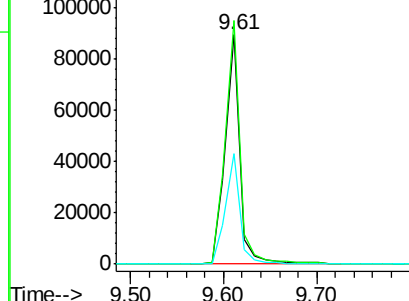
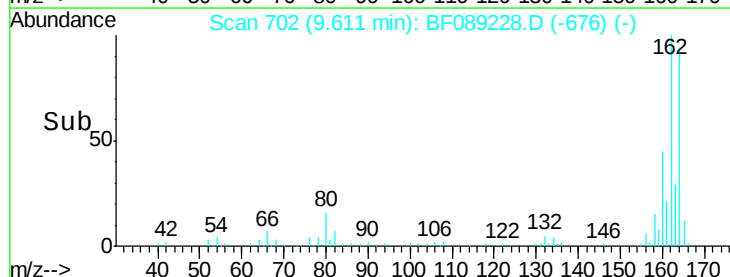
160 48.2 37.1 55.7

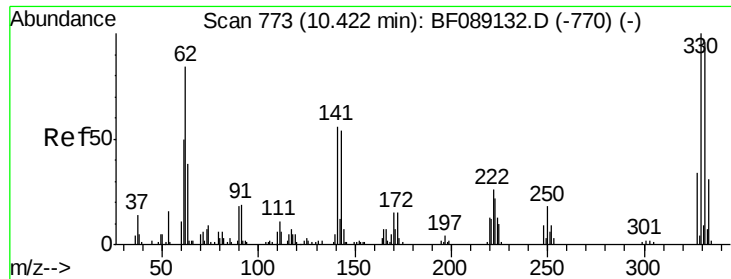


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

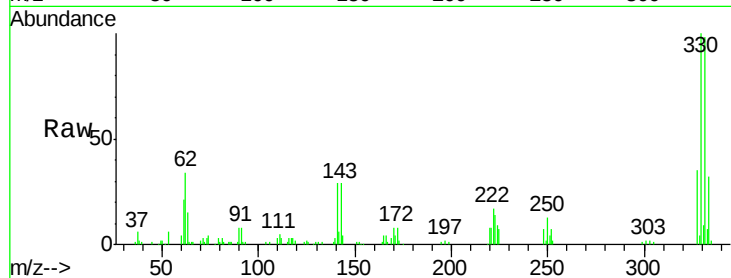




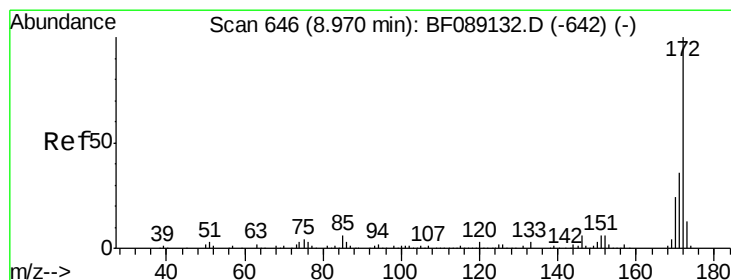
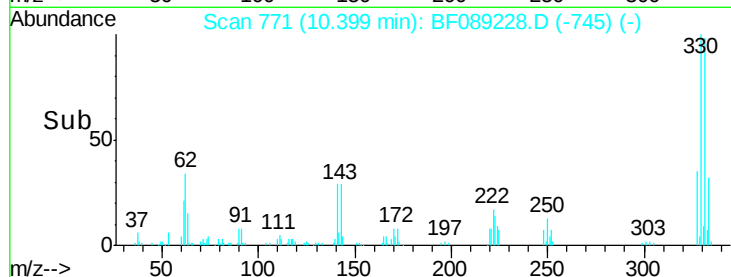
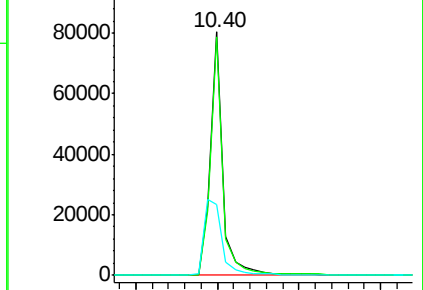
#41
 2,4,6-Tribromophenol
 Concen: 101.50 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

Tgt Ion:330 Resp: 88340
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 45.2 42.2 63.2

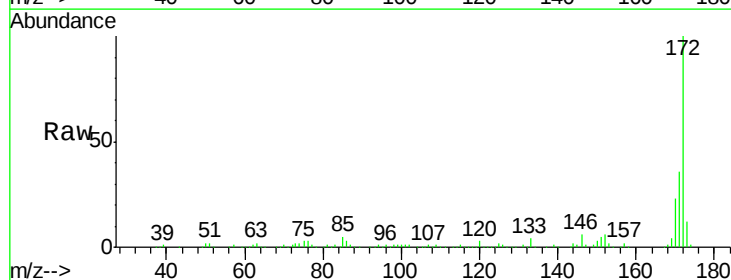


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

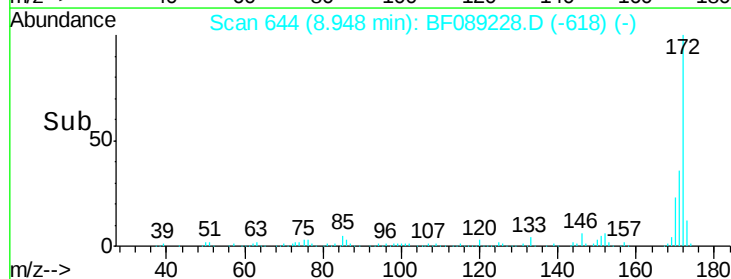
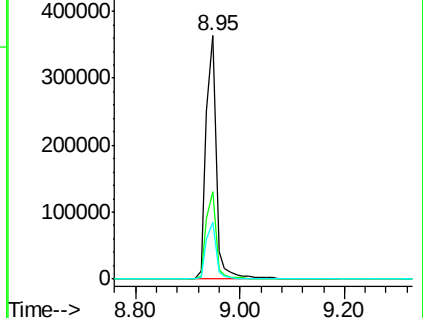


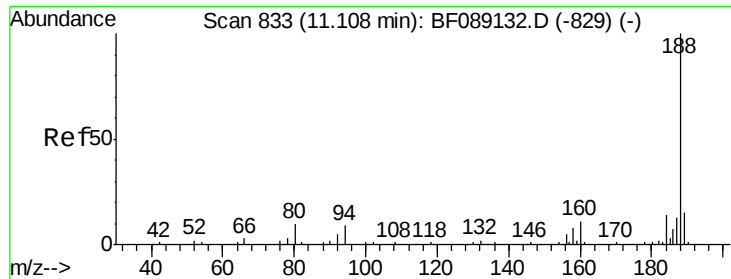
#44
 2-Fluorobiphenyl
 Concen: 71.11 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Tgt Ion:172 Resp: 498904
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.5 19.1 28.7



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

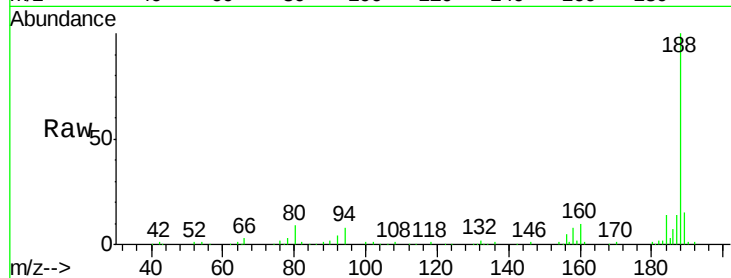




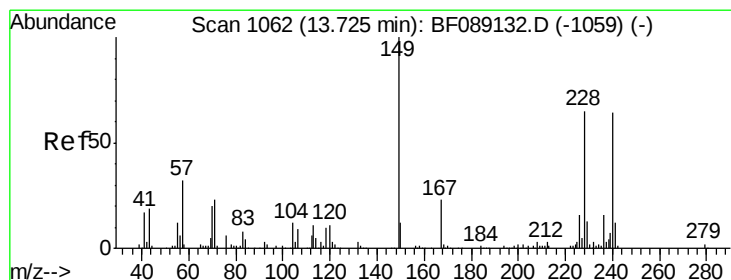
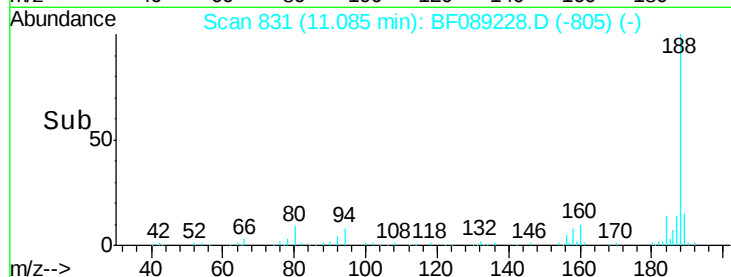
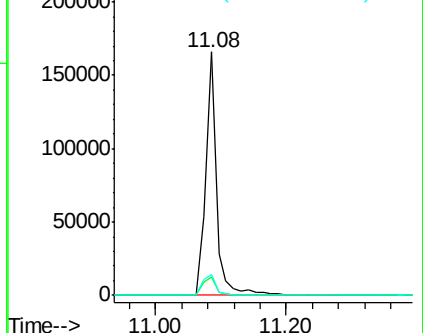
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF089228.D
Acq: 23 Jul 2016 10:25

Instrument :
BNA_F
ClientSampleId :
GW-02-6.5-17.0

Tgt Ion:188 Resp: 190938
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.6 7.7 11.5

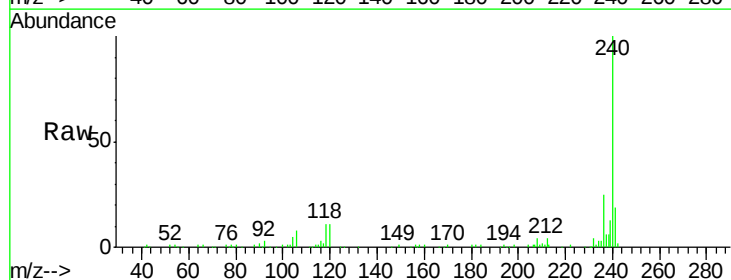


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

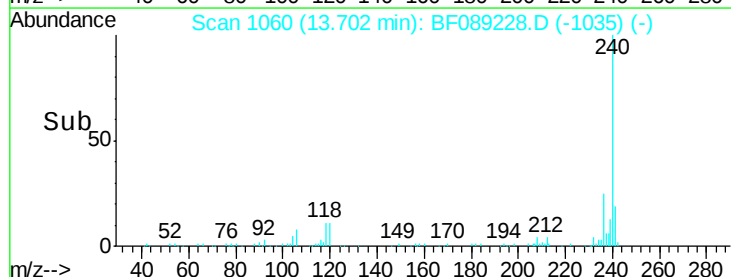
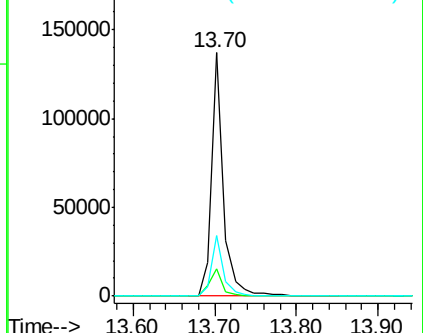


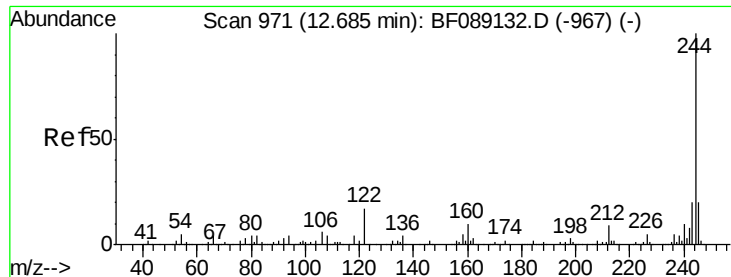
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089228.D
Acq: 23 Jul 2016 10:25

Tgt Ion:240 Resp: 141345
Ion Ratio Lower Upper
240 100
120 11.2 13.6 20.4#
236 25.1 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

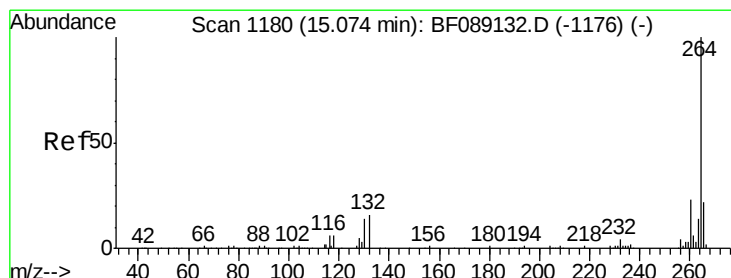
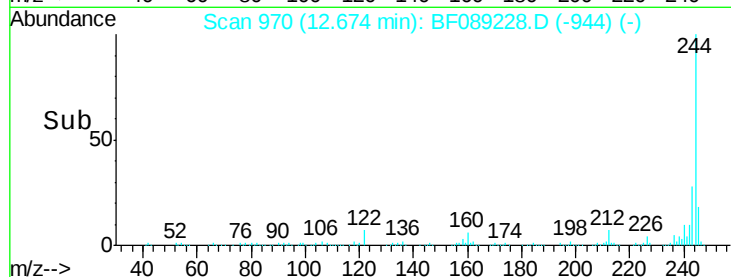
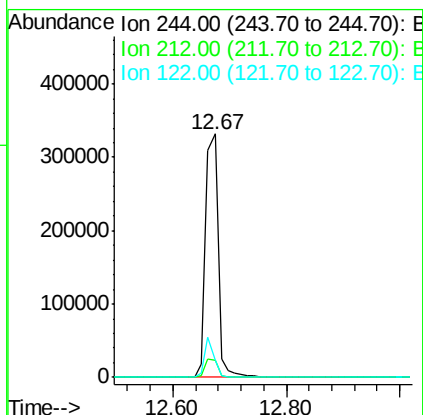
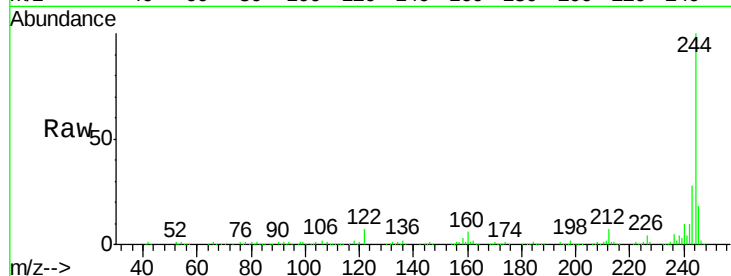




#78
 Terphenyl-d14
 Concen: 75.15 ng
 RT: 12.67 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

Tgt Ion:244 Resp: 489726
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.0 10.4#
 122 7.1 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Tgt Ion:264 Resp: 101874
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 20.8 17.3 25.9

