

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089235.D
 Acq On : 23 Jul 2016 14:01
 Operator : UM/SJ
 Sample : H4120-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

Quant Time: Jul 25 04:04:39 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

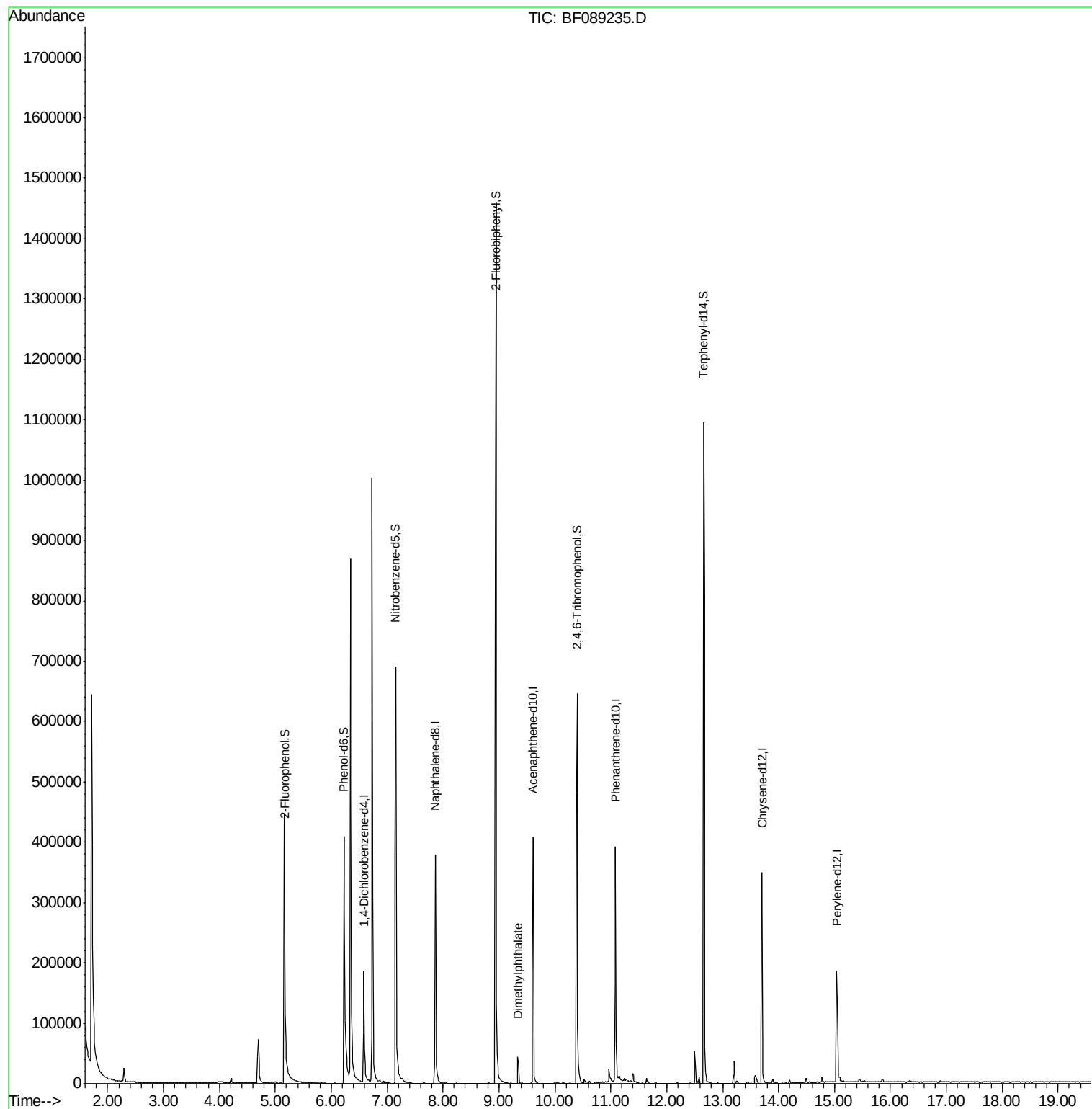
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45724	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	208594	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	98811	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	188019	20.00	ng	0.00
75) Chrysene-d12	13.70	240	134189	20.00	ng	-0.01
86) Perylene-d12	15.04	264	94956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	241545	80.34	ng	0.01
7) Phenol-d6	6.23	99	263491	67.96	ng	-0.01
23) Nitrobenzene-d5	7.15	82	350576	89.30	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	100605	113.09	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	644506	89.87	ng	0.00
78) Terphenyl-d14	12.66	244	475496	76.86	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	29343	3.87	ng	Qvalue 100

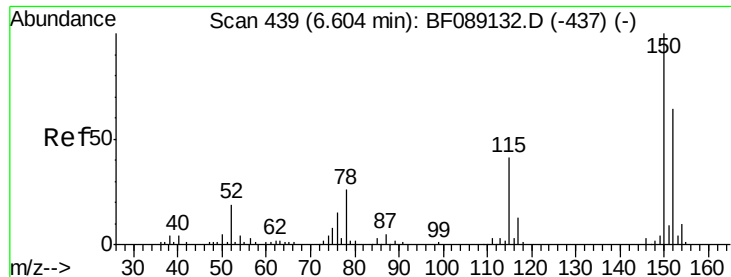
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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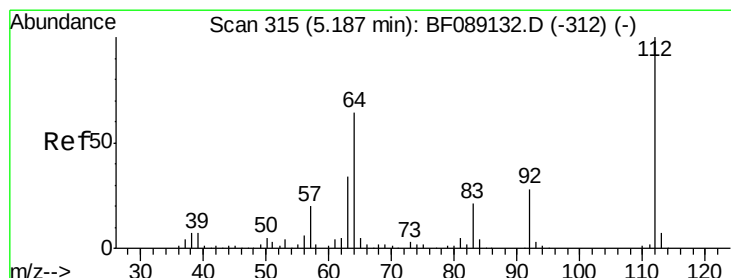
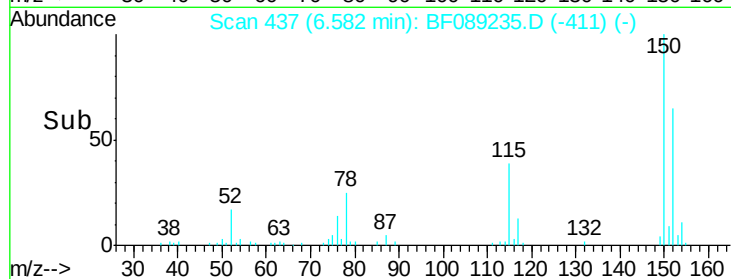
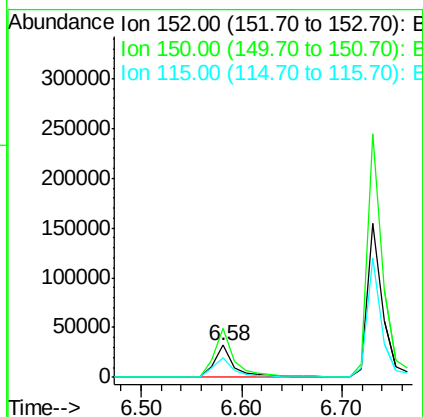
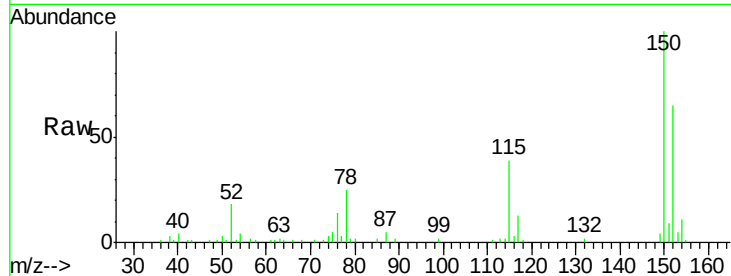


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

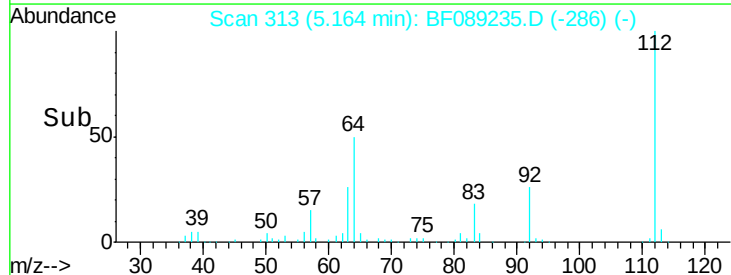
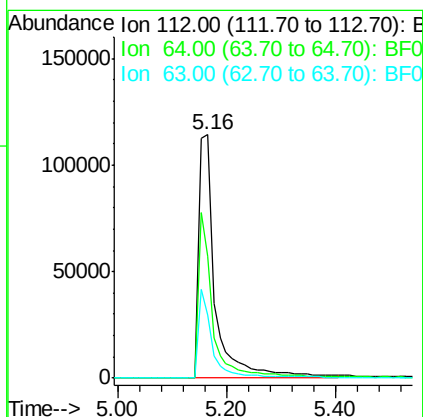
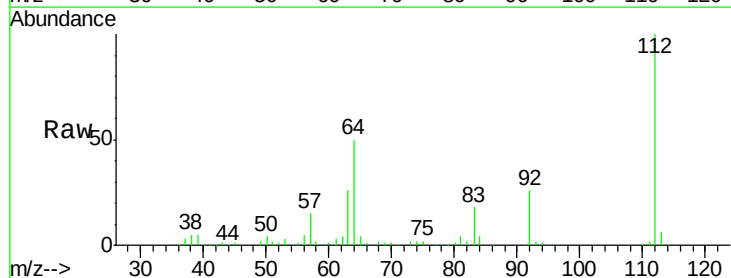
Tgt Ion:152 Resp: 45724
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.1 187.7
 115 60.6 51.1 76.7

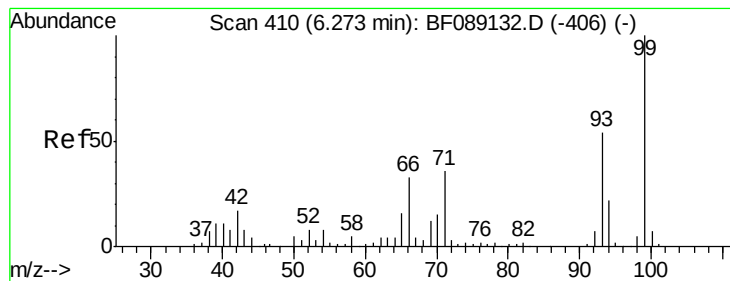


#5

2-Fluorophenol
 Concen: 80.34 ng
 RT: 5.16 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion:112 Resp: 241545
 Ion Ratio Lower Upper
 112 100
 64 50.3 51.0 76.4#
 63 26.0 27.3 40.9#





#7

Phenol-d6

Concen: 67.96 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF089235.D

Acq: 23 Jul 2016 14:01

Instrument :

BNA_F

ClientSampleId :

GW-06-6.0-16.0

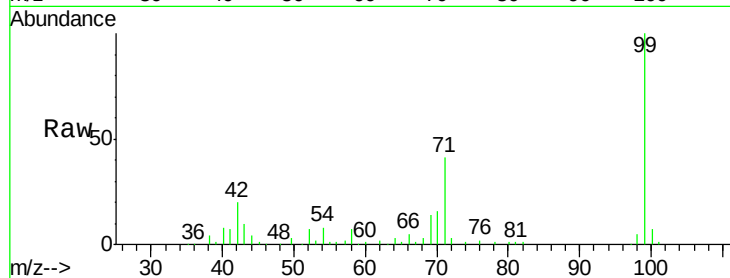
Tgt Ion: 99 Resp: 263491

Ion Ratio Lower Upper

99 100

42 20.4 13.5 20.3#

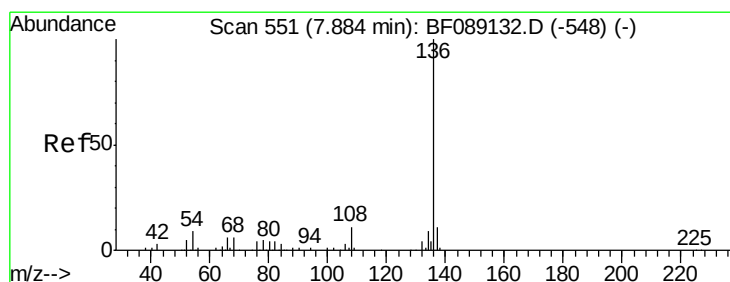
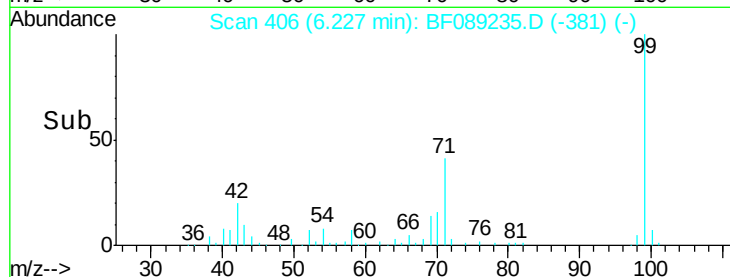
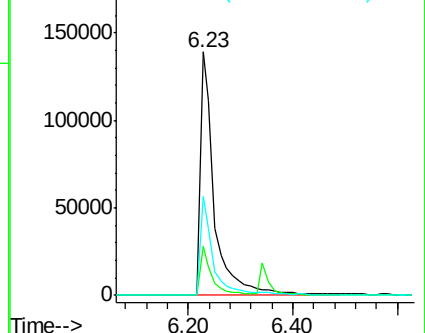
71 40.9 28.9 43.3



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: BF089235.D

Acq: 23 Jul 2016 14:01

Tgt Ion: 136 Resp: 208594

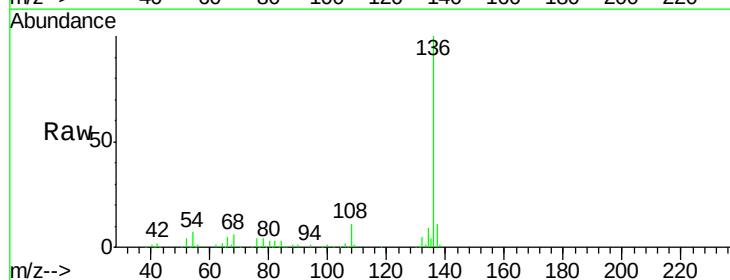
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.4 7.0 10.4

68 5.7 5.0 7.6

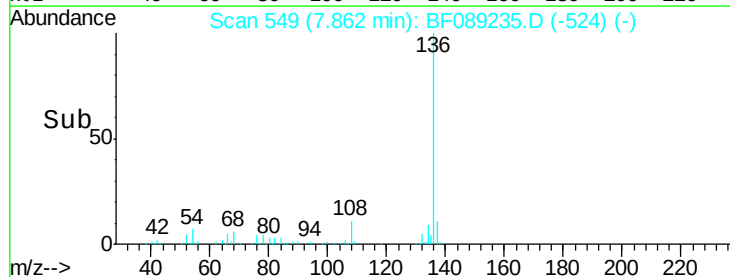
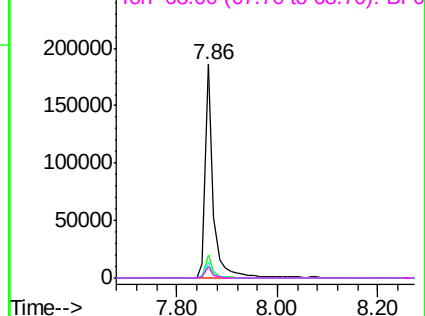


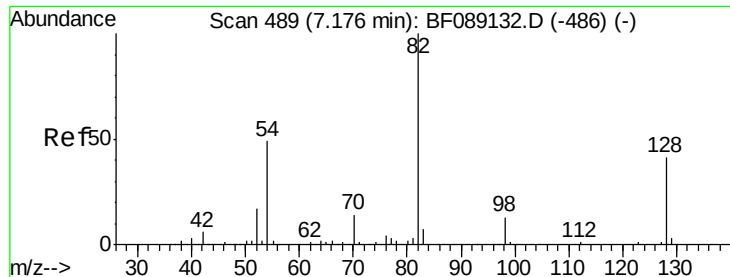
Abundance Ion 136.00 (135.70 to 136.70): E

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

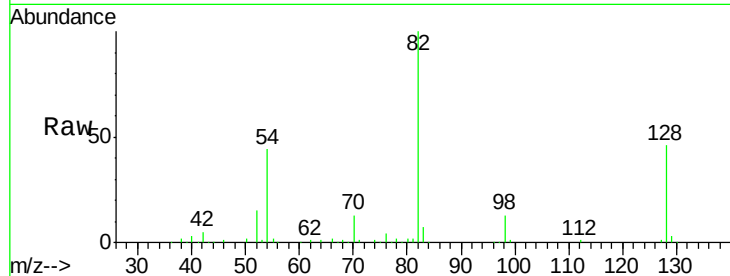




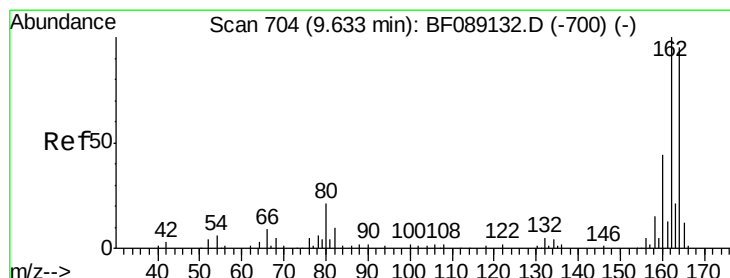
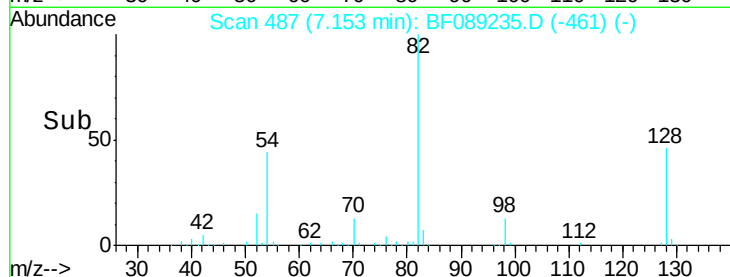
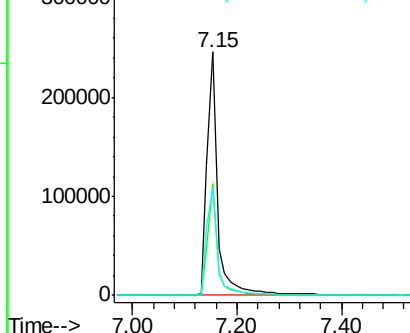
#23
 Nitrobenzene-d5
 Concen: 89.30 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

Tgt Ion: 82 Resp: 350576
 Ion Ratio Lower Upper
 82 100
 128 45.7 33.0 49.6
 54 44.1 39.0 58.4

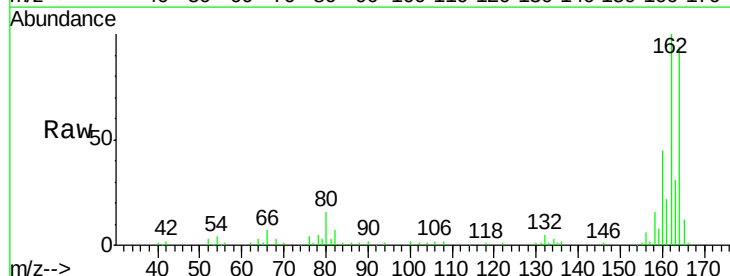


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

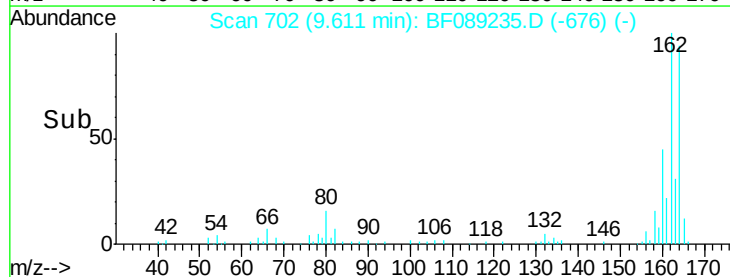
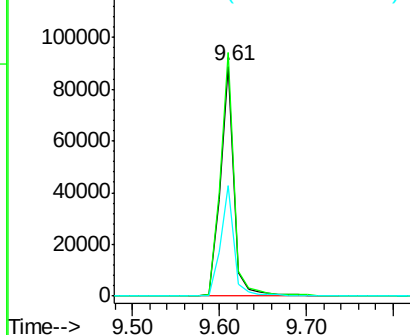


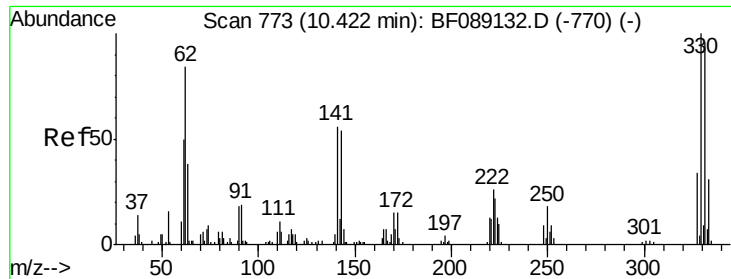
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion: 164 Resp: 98811
 Ion Ratio Lower Upper
 164 100
 162 106.0 84.1 126.1
 160 48.1 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

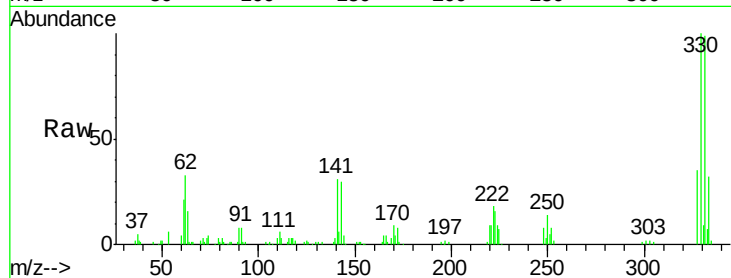




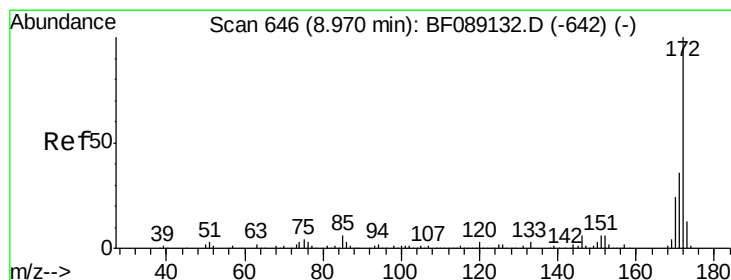
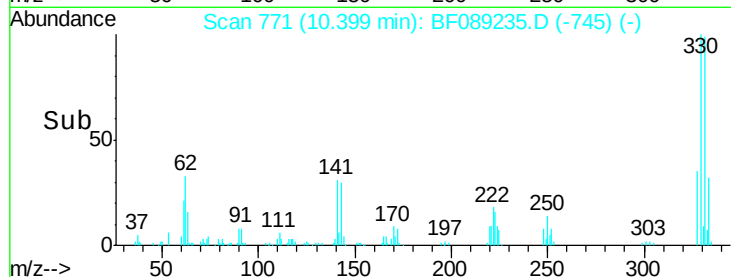
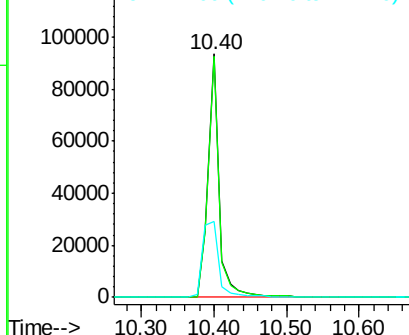
#41
 2,4,6-Tribromophenol
 Concen: 113.09 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

Tgt Ion:330 Resp: 100605
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.2 115.8
 141 45.7 42.2 63.2

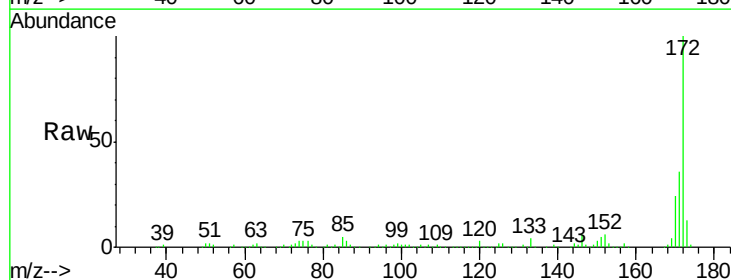


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

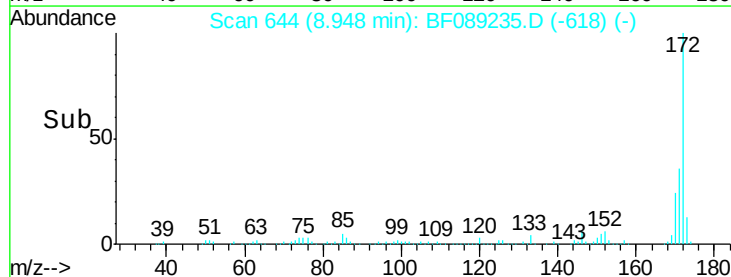
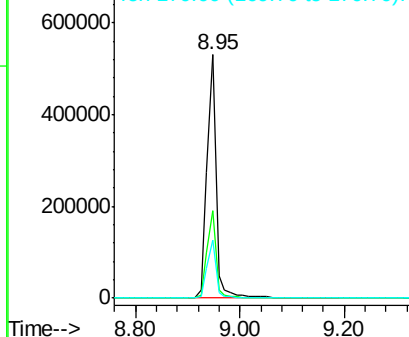


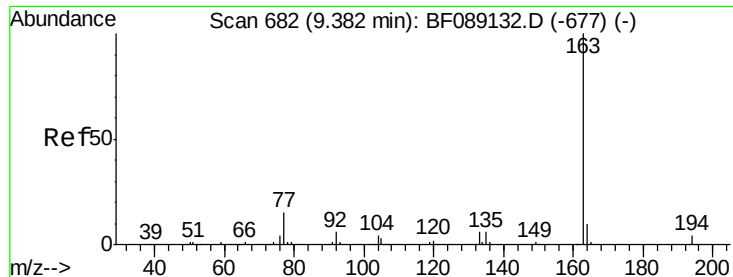
#44
 2-Fluorobiphenyl
 Concen: 89.87 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion:172 Resp: 644506
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.9 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

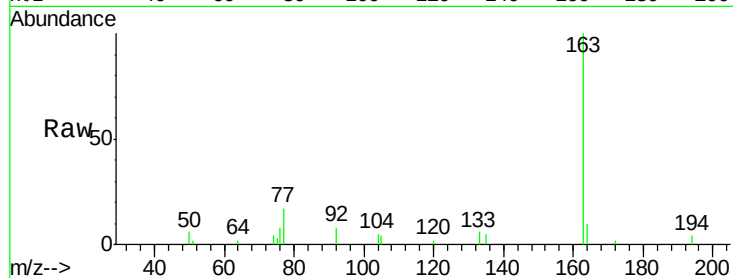




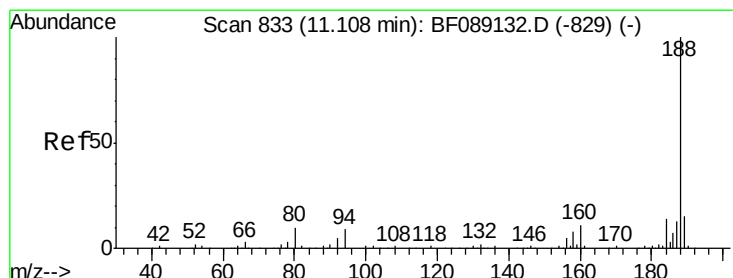
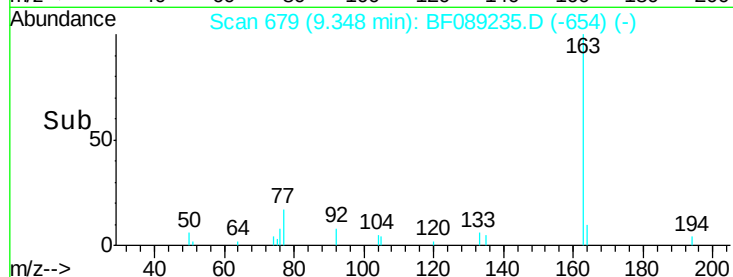
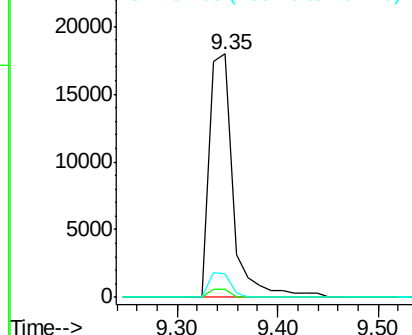
#49
Dimethylphthalate
Concen: 3.87 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF089235.D
Acq: 23 Jul 2016 14:01

Instrument :
BNA_F
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:163 Resp: 29343
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.6 7.6 11.4

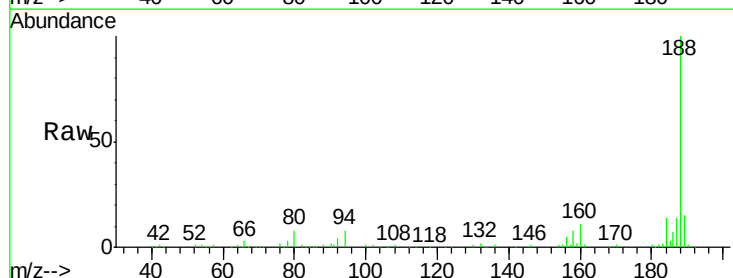


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

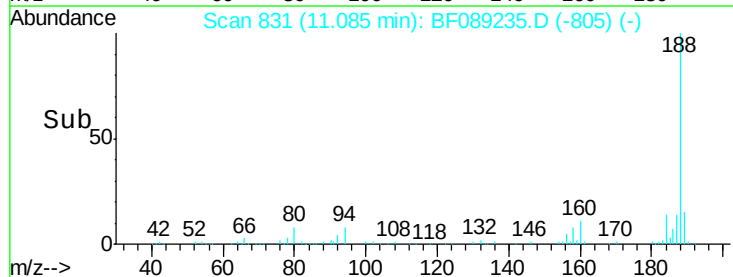
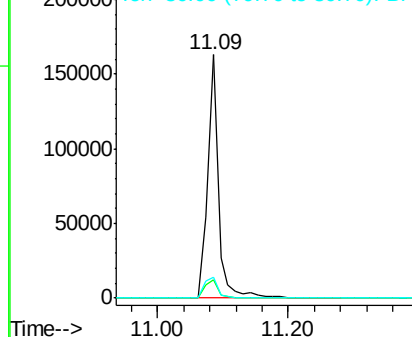


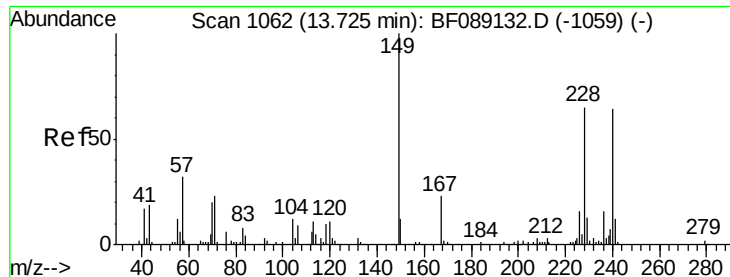
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF089235.D
Acq: 23 Jul 2016 14:01

Tgt Ion:188 Resp: 188019
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.4 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: BF089235.D

Acq: 23 Jul 2016 14:01

Instrument :

BNA_F

ClientSampleId :

GW-06-6.0-16.0

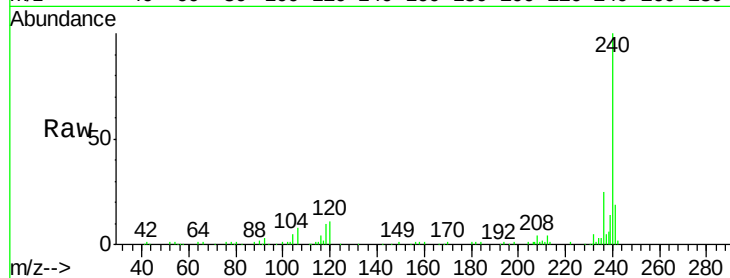
Tgt Ion:240 Resp: 134189

Ion Ratio Lower Upper

240 100

120 11.1 13.6 20.4#

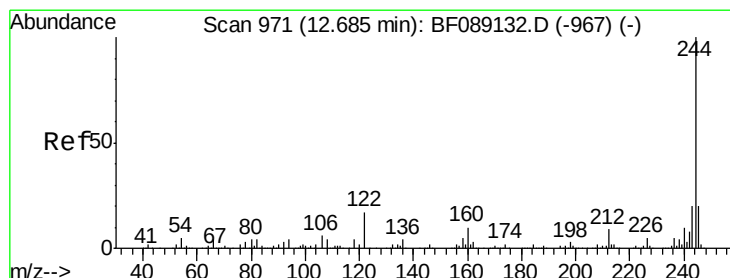
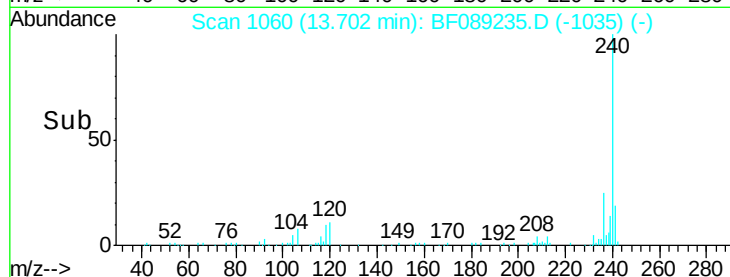
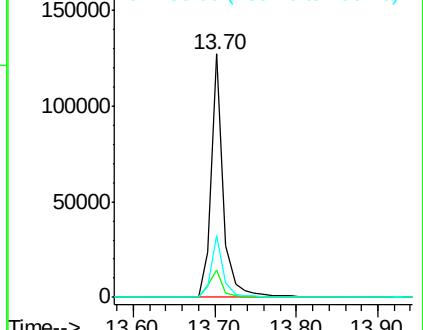
236 25.3 20.5 30.7



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: 76.86 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF089235.D

Acq: 23 Jul 2016 14:01

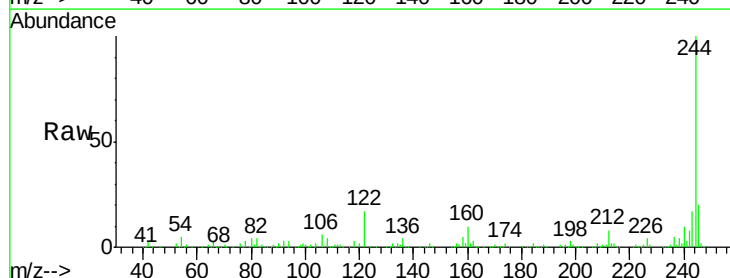
Tgt Ion:244 Resp: 475496

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

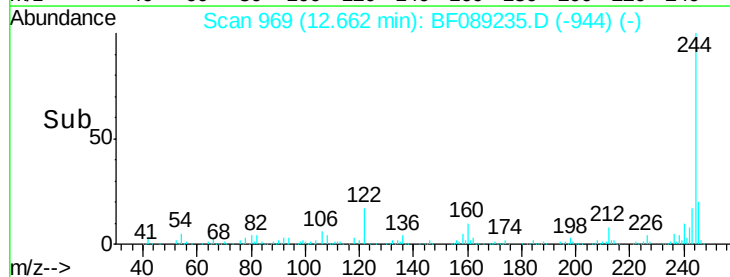
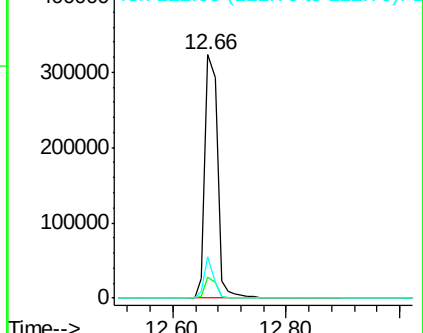
122 17.0 13.8 20.8

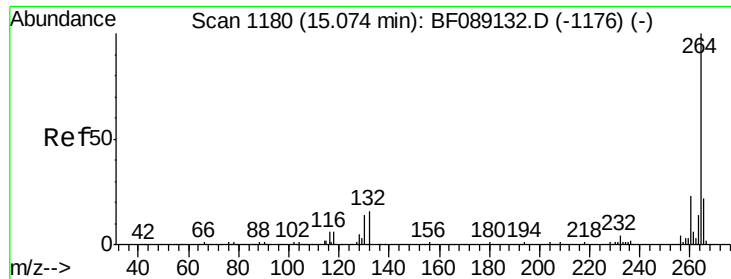


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

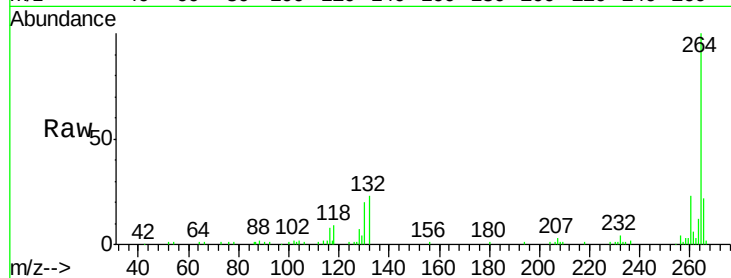




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089235.D
Acq: 23 Jul 2016 14:01

Instrument :
BNA_F
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion: 264 Resp: 94956
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.9 17.3 25.9



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

