

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089231.D
 Acq On : 23 Jul 2016 11:58
 Operator : UM/SJ
 Sample : H4120-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0

Quant Time: Jul 25 03:54:44 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

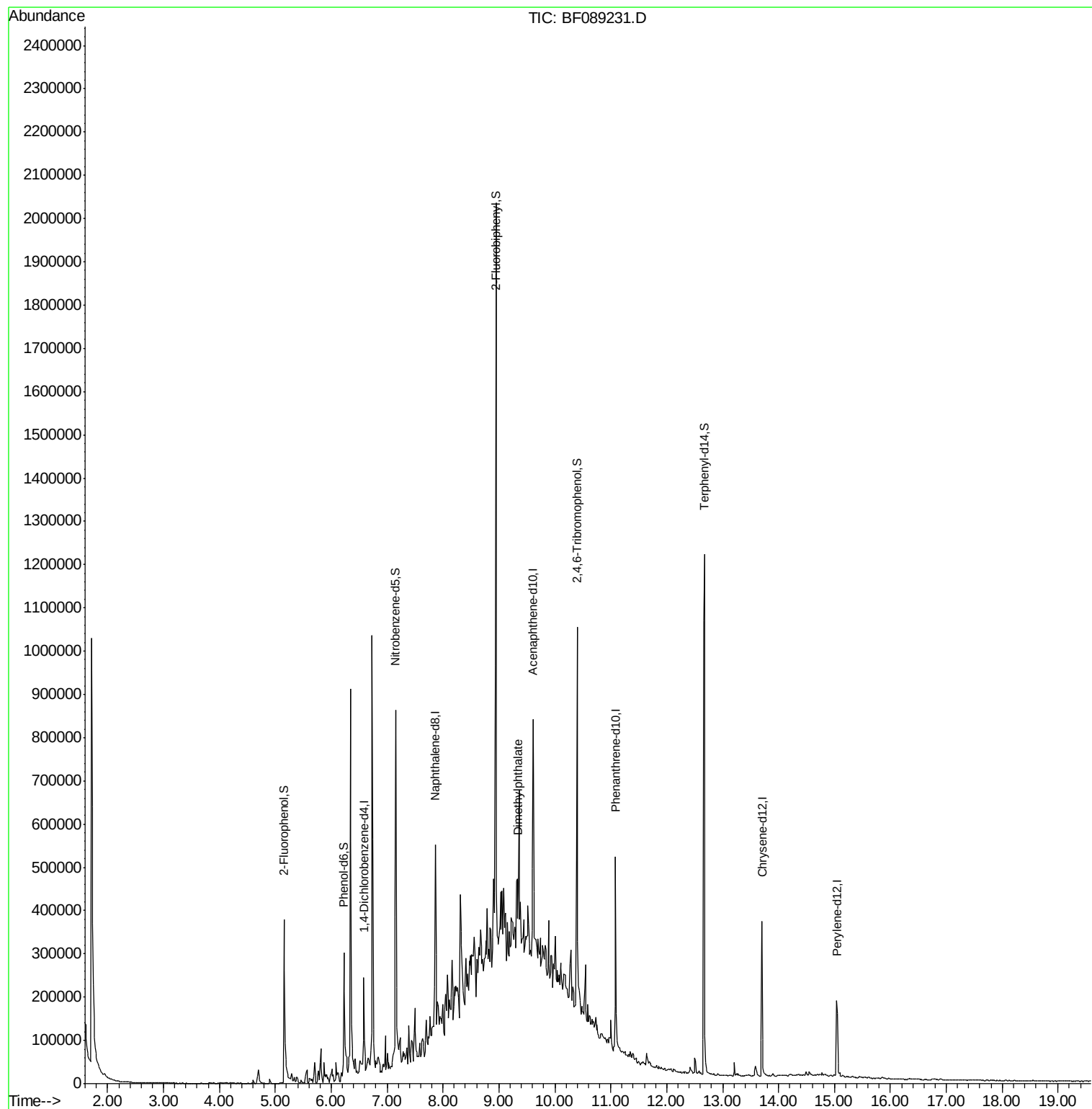
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46744	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	196479	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	96443	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	187493	20.00	ng	0.00
75) Chrysene-d12	13.70	240	132857	20.00	ng	-0.01
86) Perylene-d12	15.04	264	96186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	198091	64.45	ng	0.00
7) Phenol-d6	6.23	99	177072	44.68	ng	-0.01
23) Nitrobenzene-d5	7.15	82	386426	104.50	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	107216	123.48	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	644601	92.09	ng	0.00
78) Terphenyl-d14	12.67	244	548835	89.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.35	163	31260	4.22	ng	Qvalue # 96

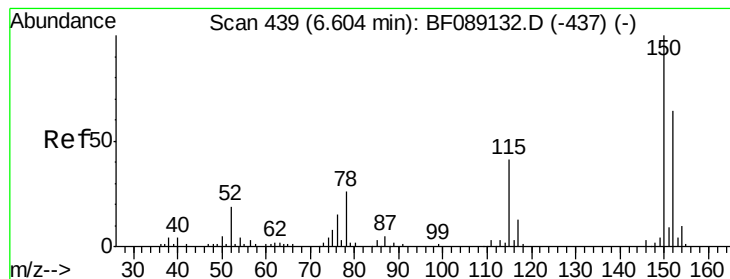
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089231.D

Acq: 23 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0

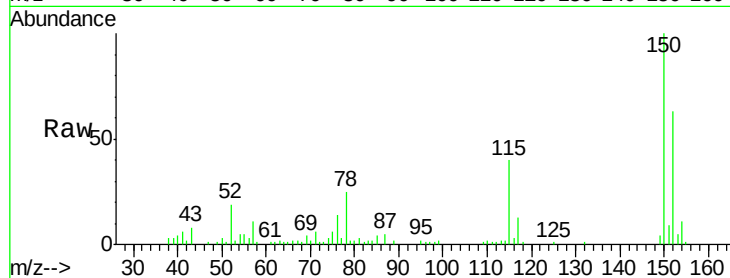
Tgt Ion:152 Resp: 46744

Ion Ratio Lower Upper

152 100

150 159.4 125.1 187.7

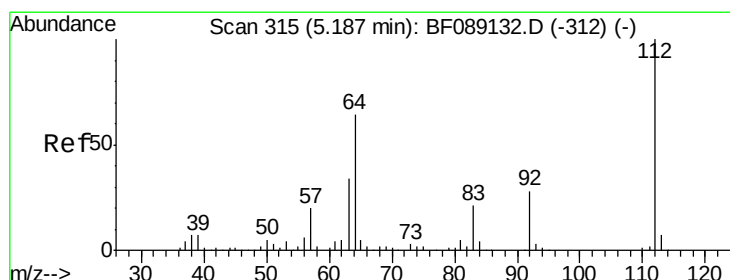
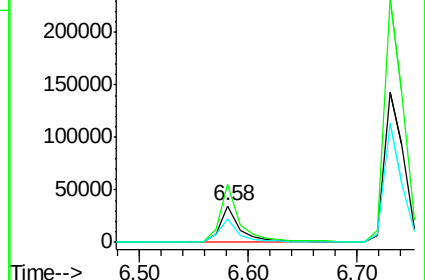
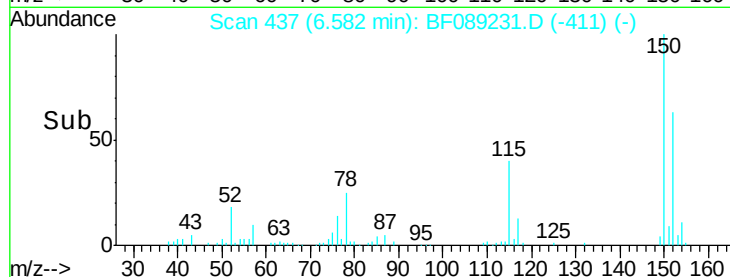
115 63.5 51.1 76.7



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: 64.45 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.00 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

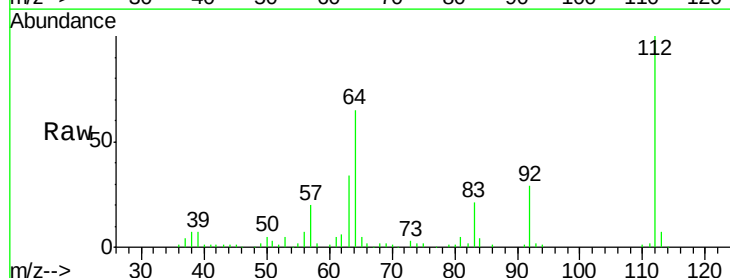
Tgt Ion:112 Resp: 198091

Ion Ratio Lower Upper

112 100

64 65.1 51.0 76.4

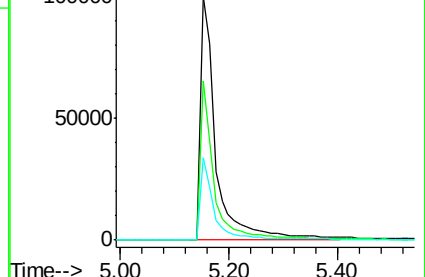
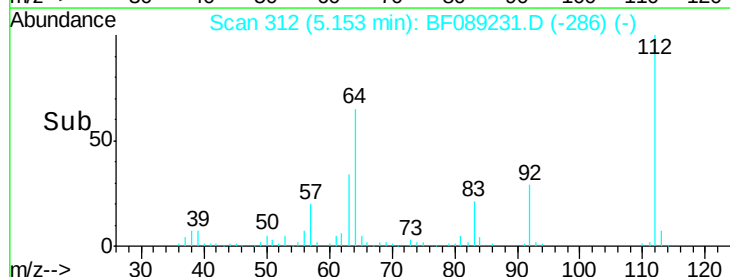
63 34.0 27.3 40.9

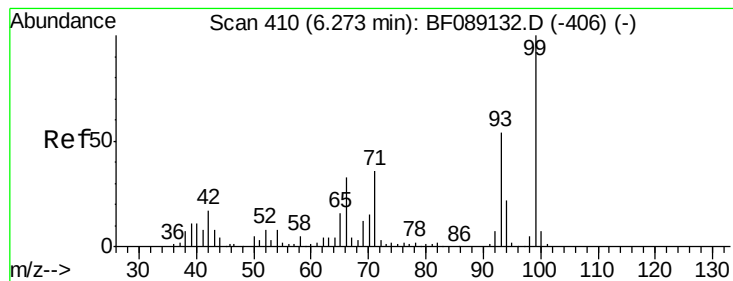


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.68 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0

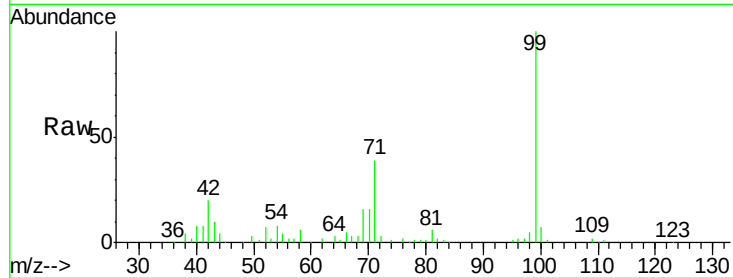
Tgt Ion: 99 Resp: 177072

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

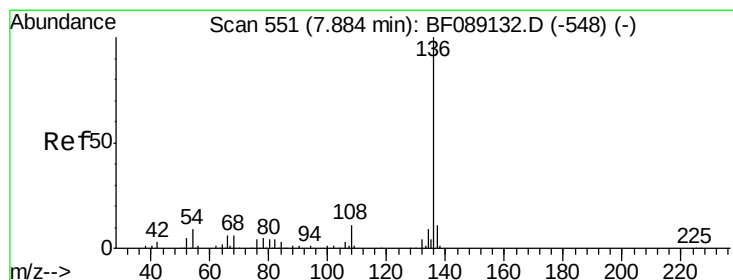
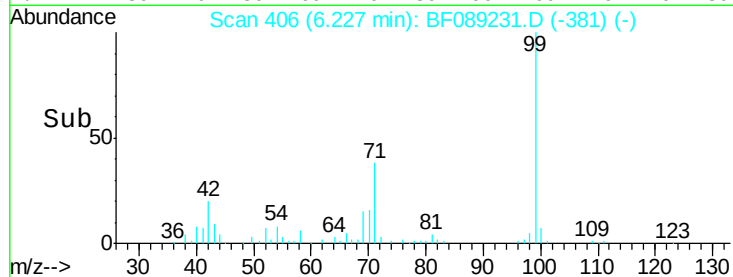
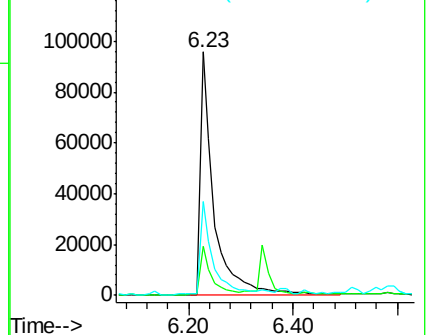
71 38.7 28.9 43.3



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: BF089231.D

Acq: 23 Jul 2016 11:58

Tgt Ion: 136 Resp: 196479

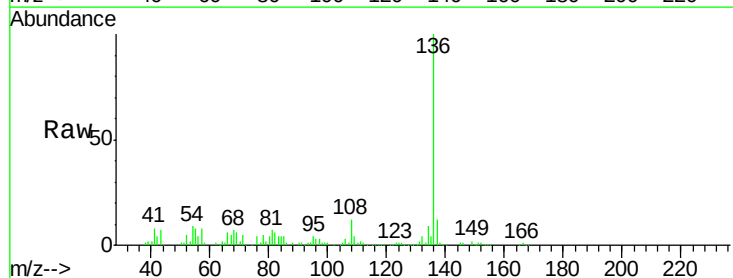
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 8.9 7.0 10.4

68 7.5 5.0 7.6

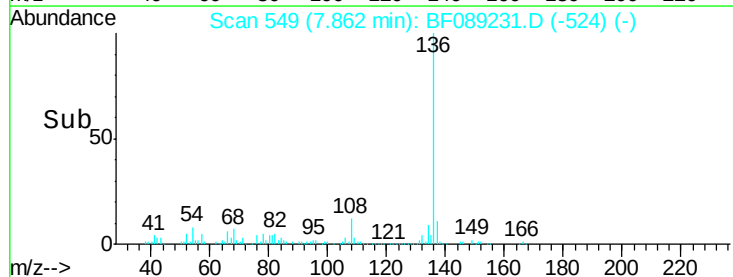
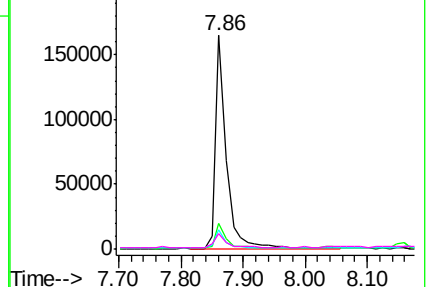


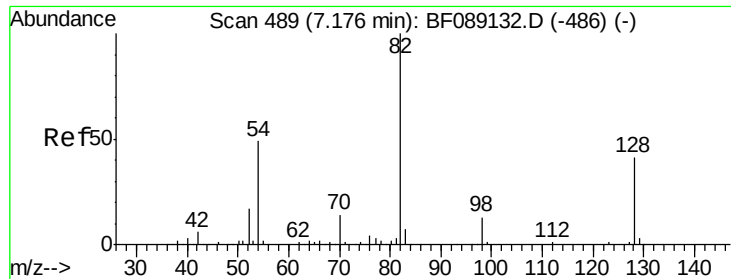
Abundance Ion 136.00 (135.70 to 136.70): E

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

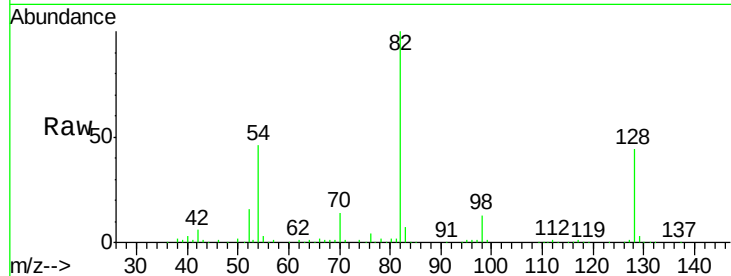




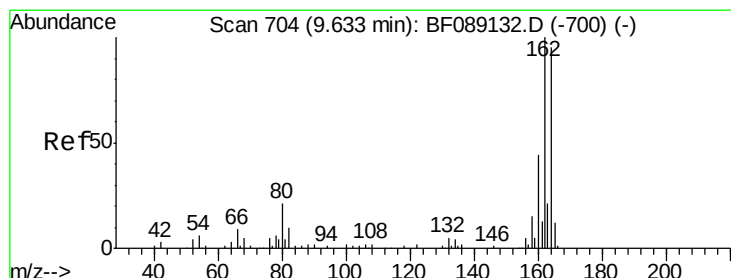
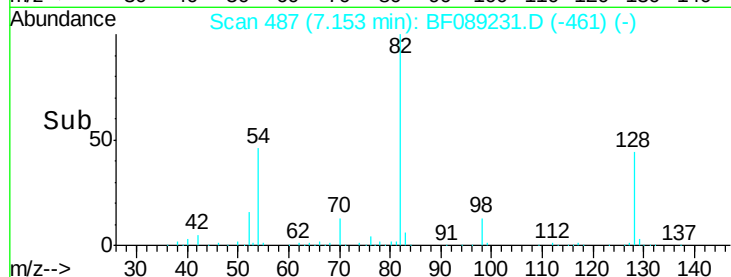
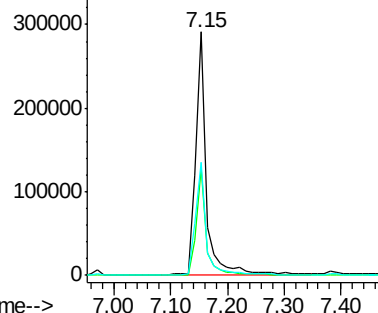
#23
 Nitrobenzene-d5
 Concen: 104.50 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.0	49.6
54	46.2	39.0	58.4

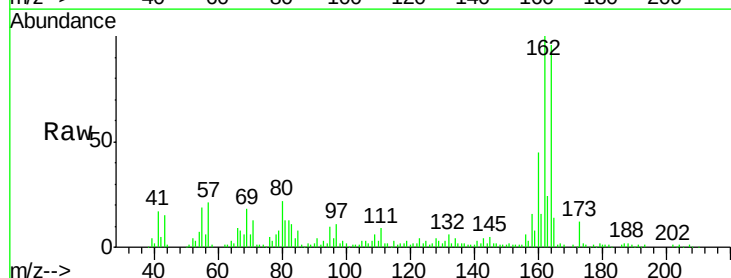


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

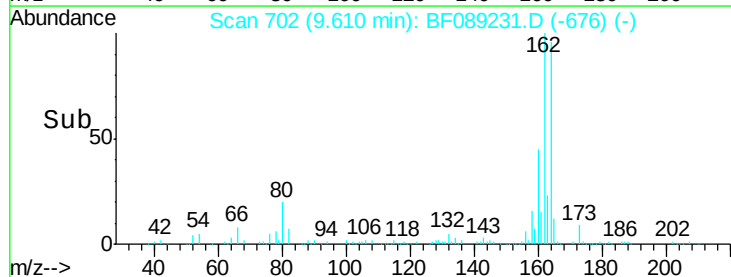
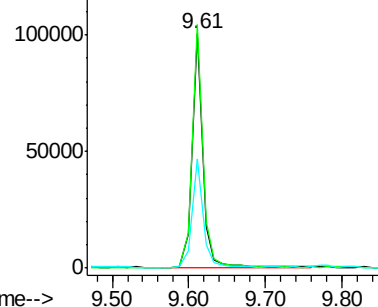


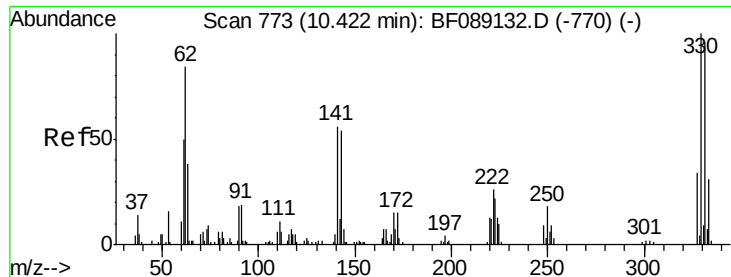
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.1	126.1
160	46.5	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

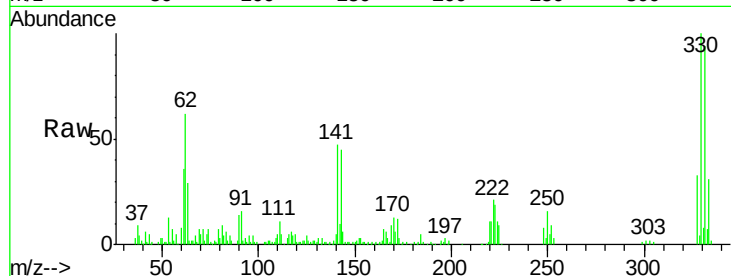




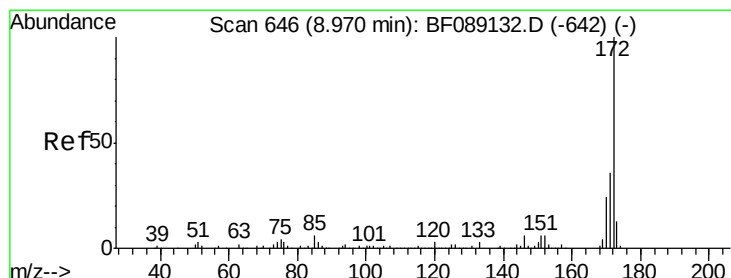
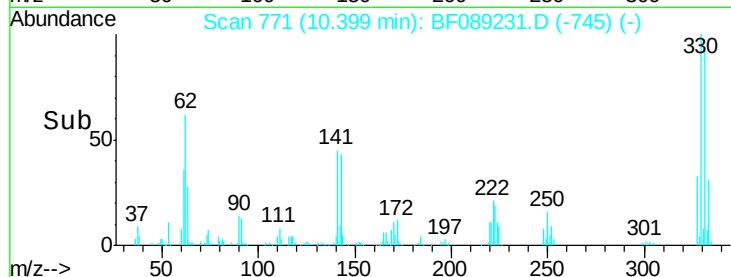
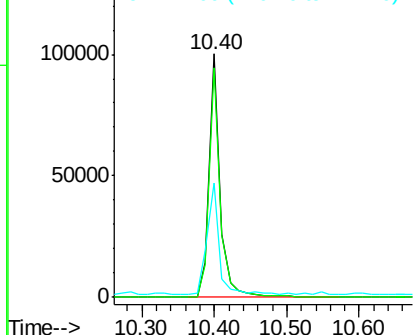
#41
 2,4,6-Tribromophenol
 Concen: 123.48 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0

Tgt Ion:330 Resp: 107216
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.2 115.8
 141 49.4 42.2 63.2

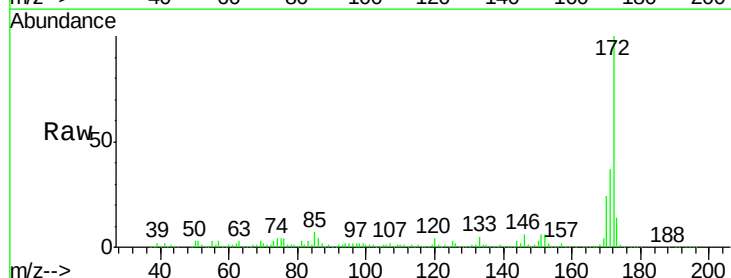


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

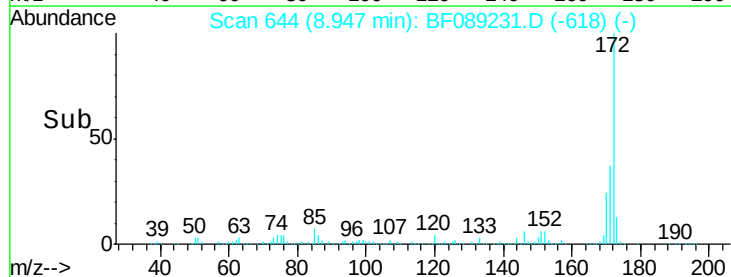
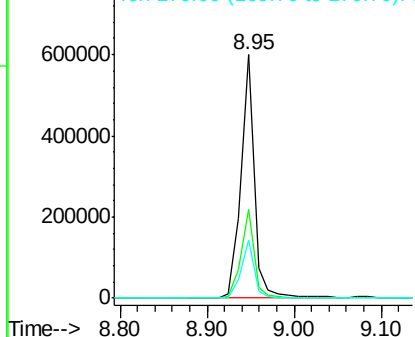


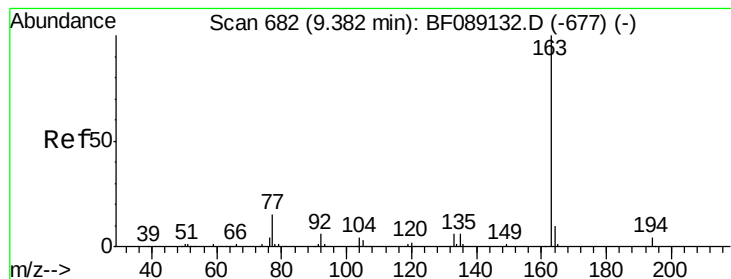
#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Tgt Ion:172 Resp: 644601
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 24.0 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: 4.22 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0

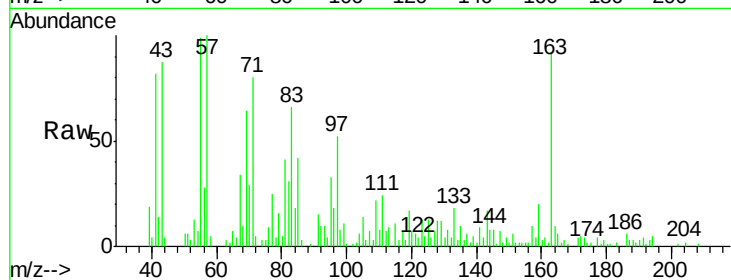
Tgt Ion:163 Resp: 31260

Ion Ratio Lower Upper

163 100

194 5.5 2.9 4.3#

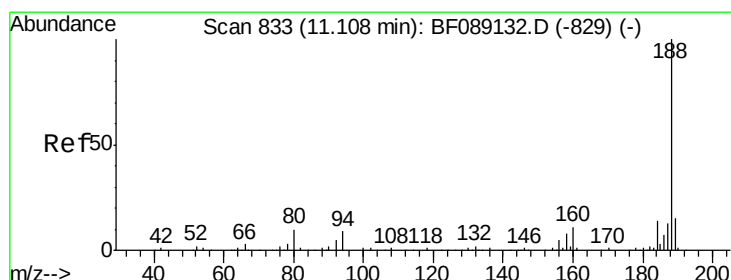
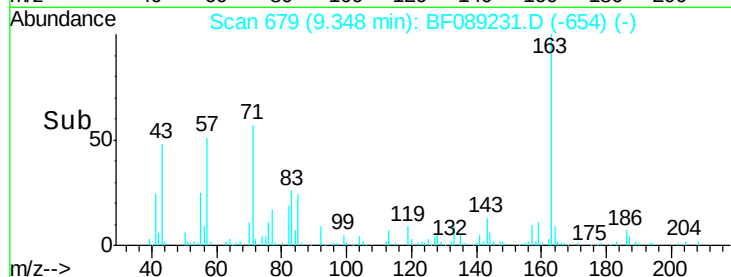
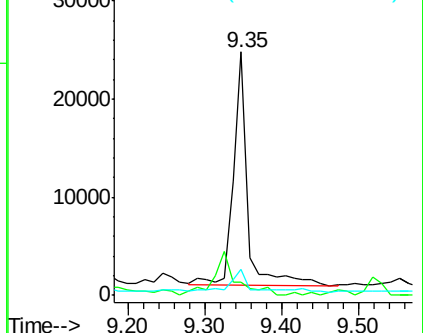
164 10.7 7.6 11.4



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: 11.08 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

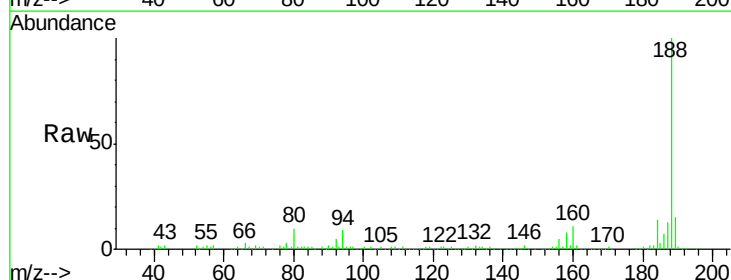
Tgt Ion:188 Resp: 187493

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

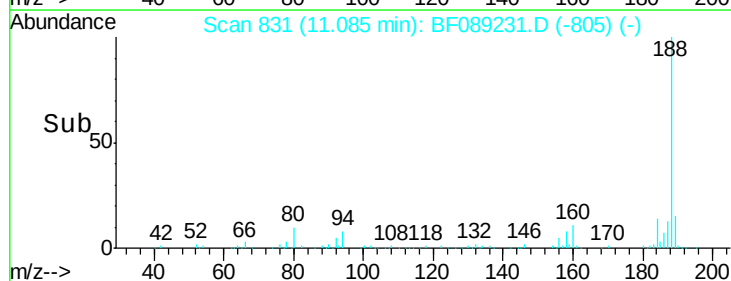
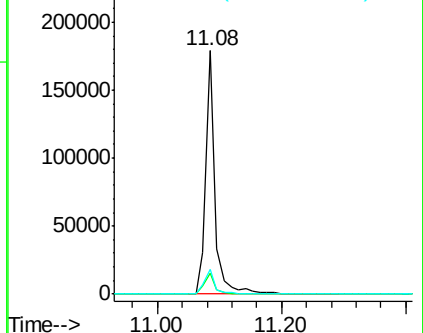
80 9.9 7.7 11.5

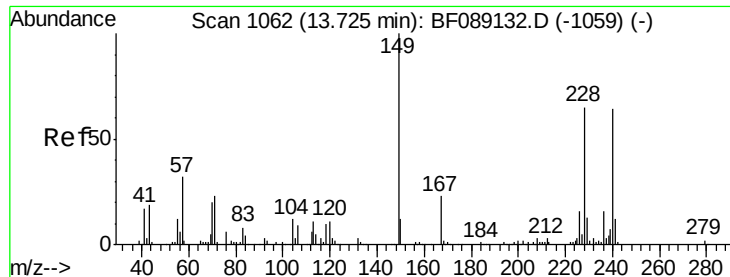


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089231.D

Acq: 23 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0

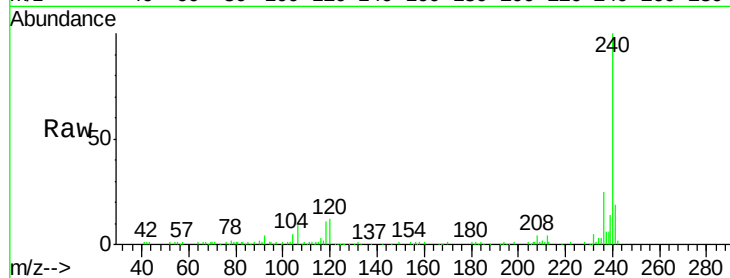
Tgt Ion:240 Resp: 132857

Ion Ratio Lower Upper

240 100

120 11.9 13.6 20.4#

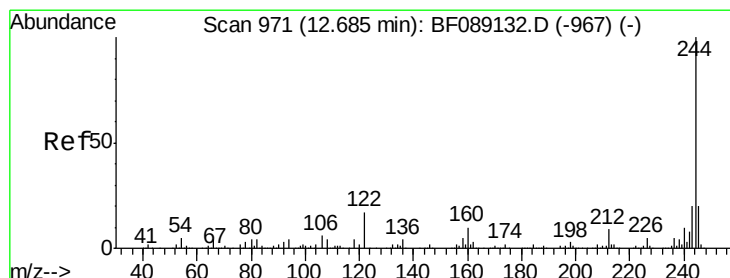
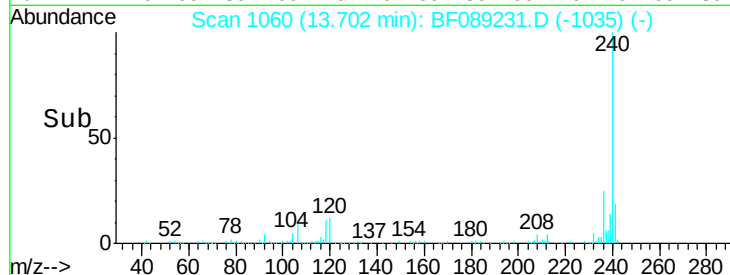
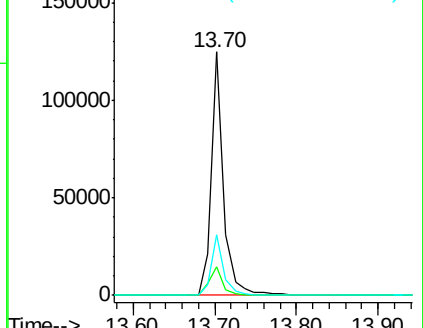
236 25.1 20.5 30.7



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: 89.60 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

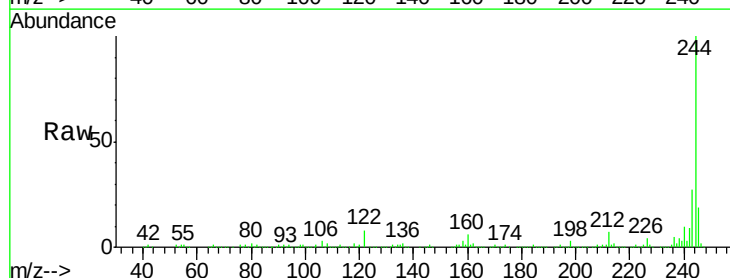
Tgt Ion:244 Resp: 548835

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

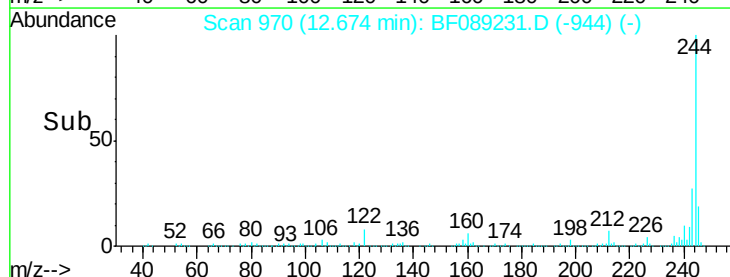
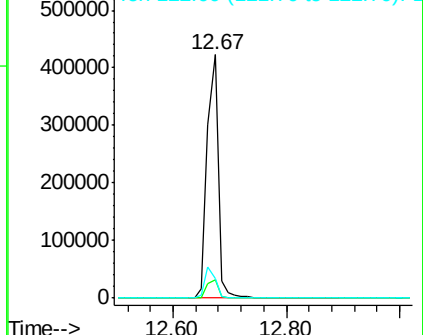
122 8.0 13.8 20.8#

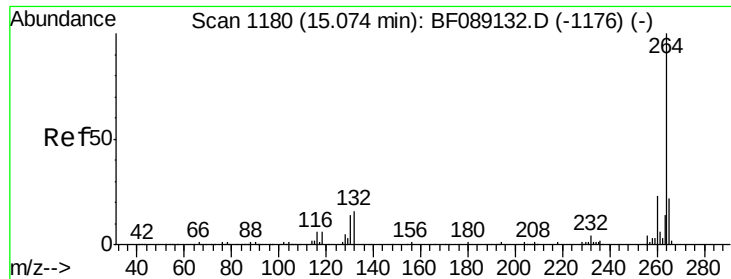


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089231.D
Acq: 23 Jul 2016 11:58

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.9	17.3	25.9

