

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016621.D
 Acq On : 22 Apr 2015 16:11
 Operator : TP/IZ
 Sample : G1948-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Apr 23 02:09:00 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 01:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	49600	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	226114	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	144629	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	335859	20.00	ng	0.00
75) Chrysene-d12	21.21	240	316543	20.00	ng	0.00
86) Perylene-d12	23.42	264	298072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	129577	41.87	ng	0.01
7) Phenol-d6	6.83	99	124677	28.84	ng	0.00
23) Nitrobenzene-d5	8.79	82	237980	64.81	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	596031	68.25	ng	0.00
78) Terphenyl-d14	19.66	244	720434	54.83	ng	0.00

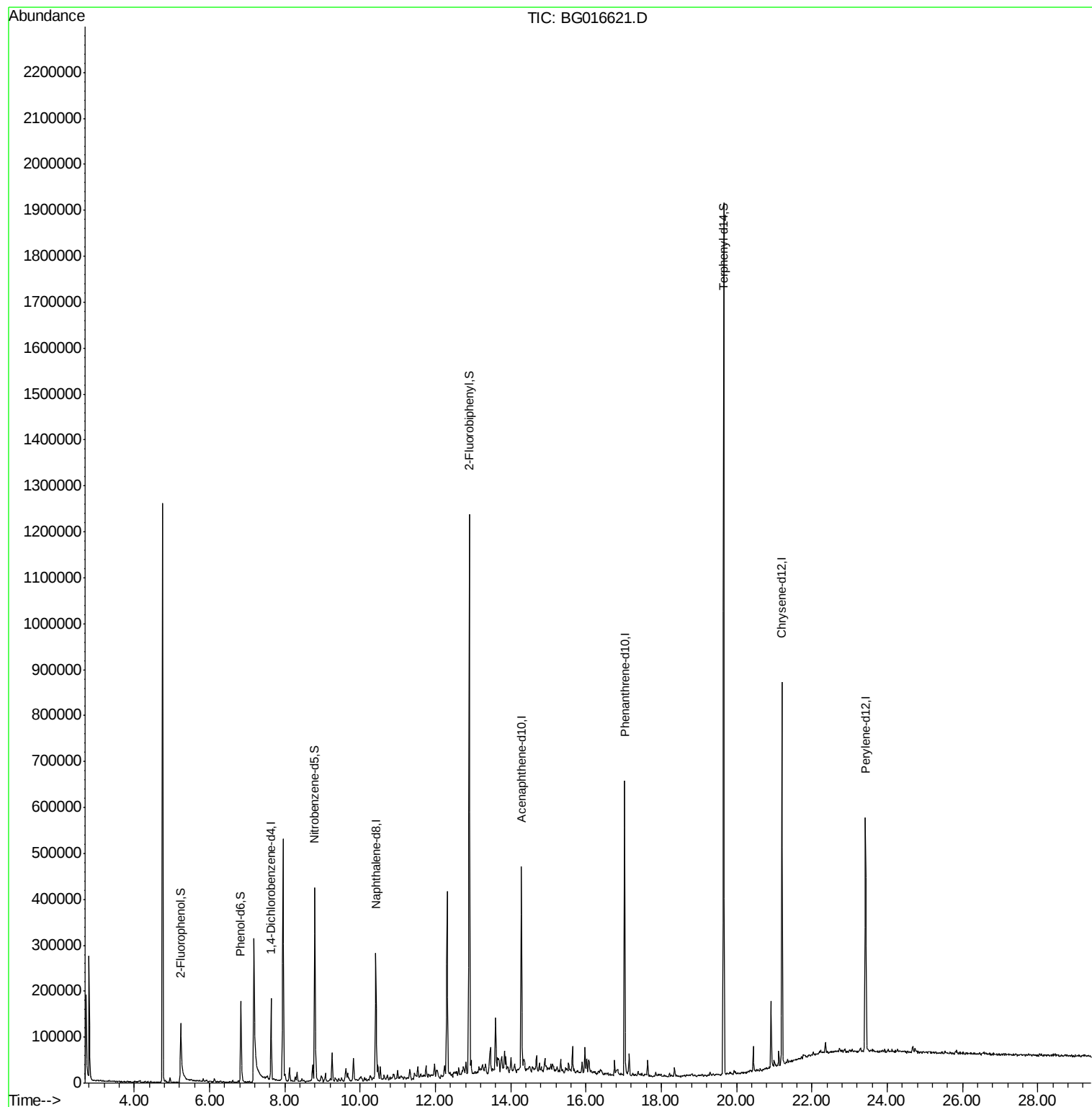
Target Compounds Qvalue

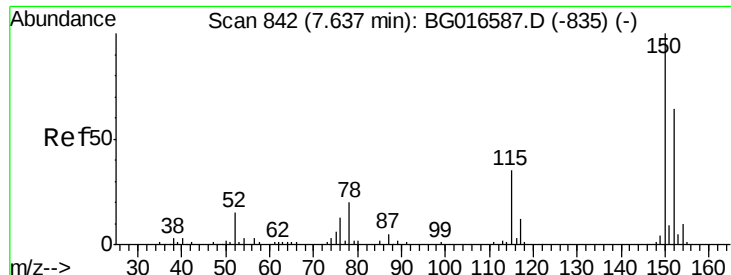
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 02:09:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration



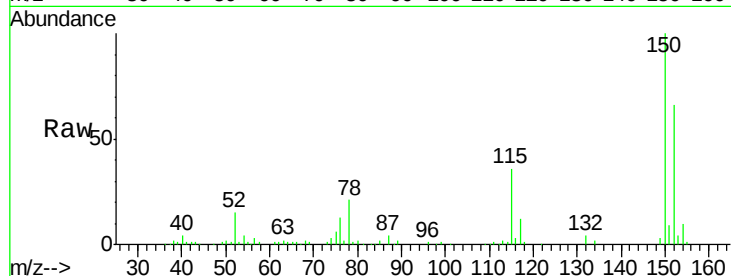


#1

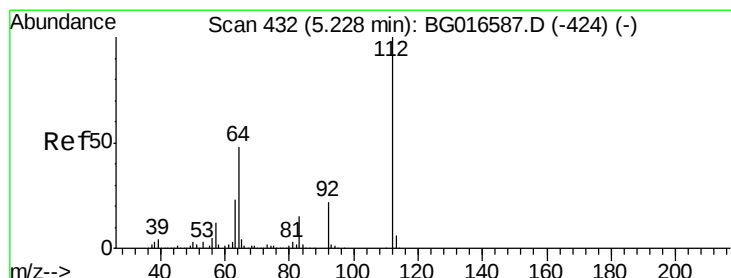
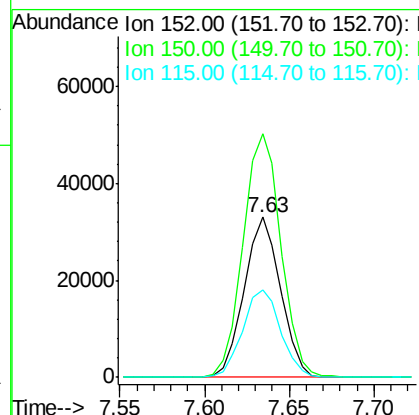
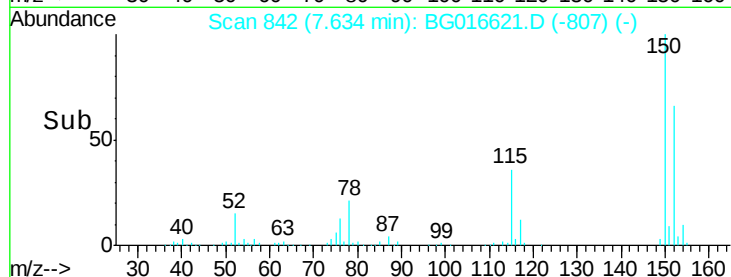
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.63 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BG016621.D
 Acq: 22 Apr 2015 16:11

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.5	188.3
115	54.2	44.5	66.7



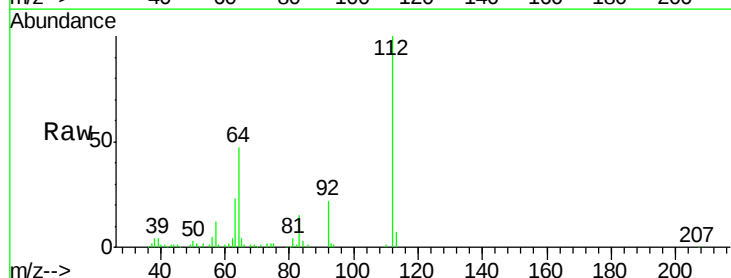
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



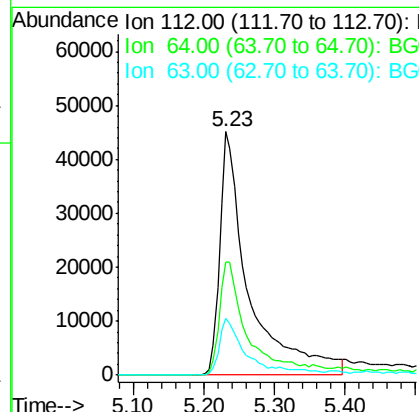
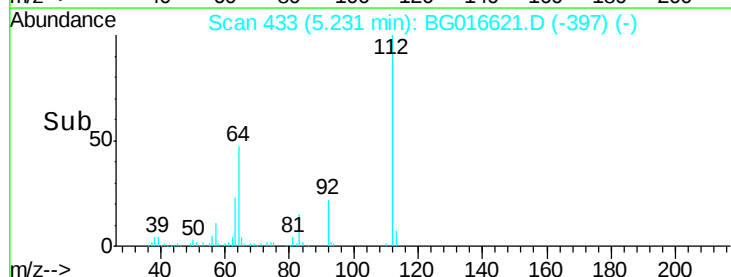
#5

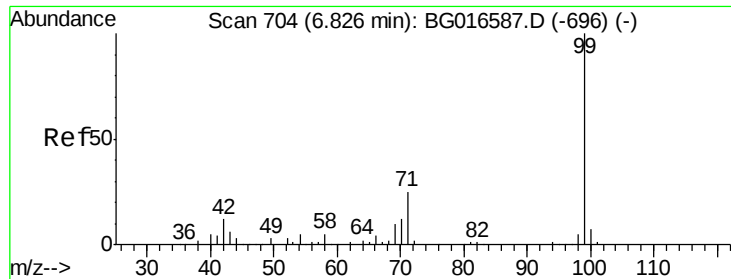
2-Fluorophenol
 Concen: 41.87 ng
 RT: 5.23 min Scan# 433
 Delta R.T. 0.01 min
 Lab File: BG016621.D
 Acq: 22 Apr 2015 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.6	38.5	57.7
63	23.1	18.2	27.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 28.84 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG016621.D

Acq: 22 Apr 2015 16:11

Instrument :

BNA_G

ClientSampled :

MW-02

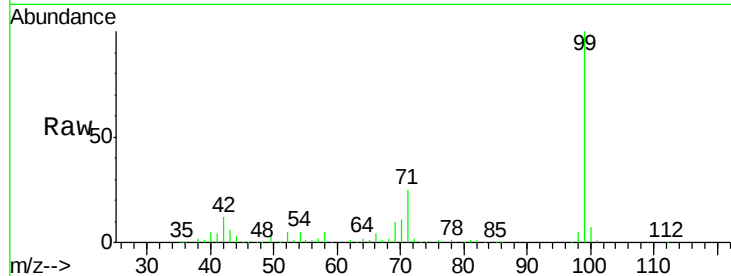
Tot Ion: 99 Resp: 124677

Ion Ratio Lower Upper

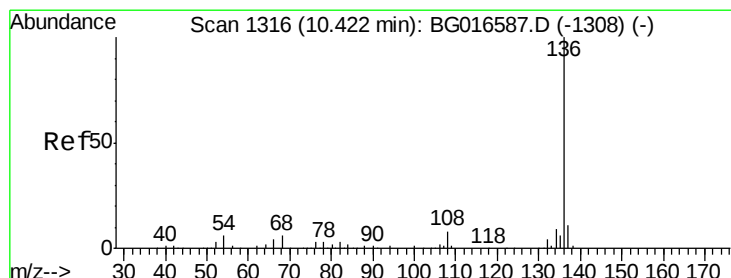
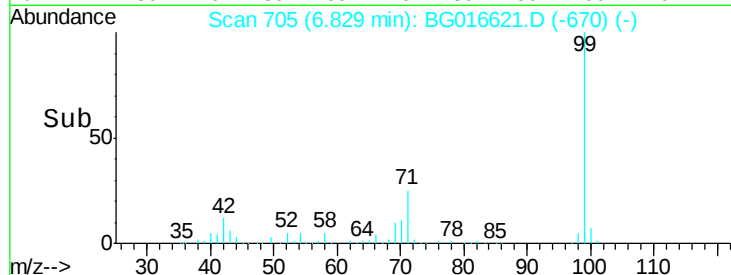
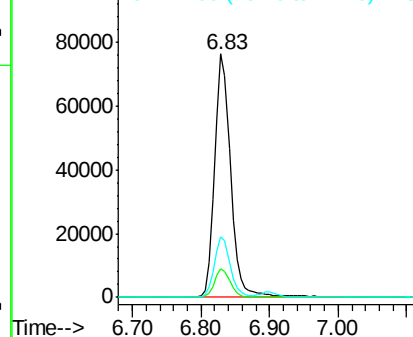
99 100

42 11.9 9.5 14.3

71 24.8 20.2 30.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG016621.D

Acq: 22 Apr 2015 16:11

Tgt Ion: 136 Resp: 226114

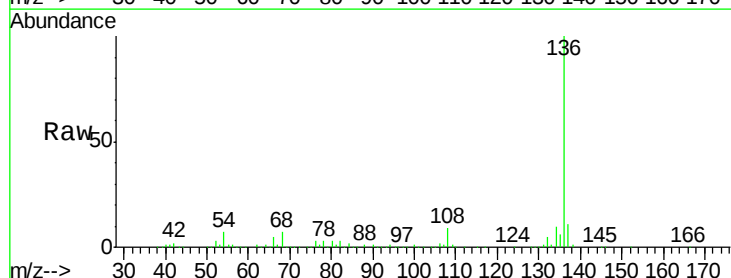
Ion Ratio Lower Upper

136 100

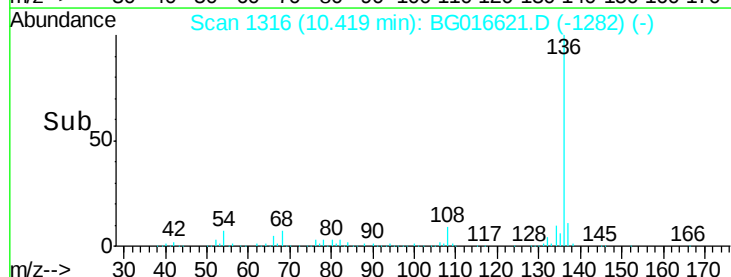
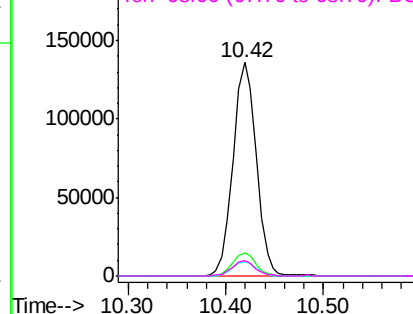
137 10.7 8.8 13.2

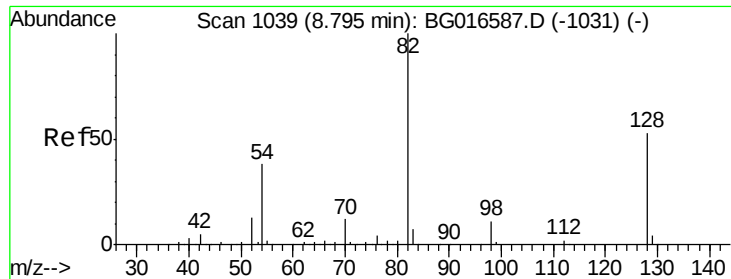
54 6.6 4.9 7.3

68 7.1 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

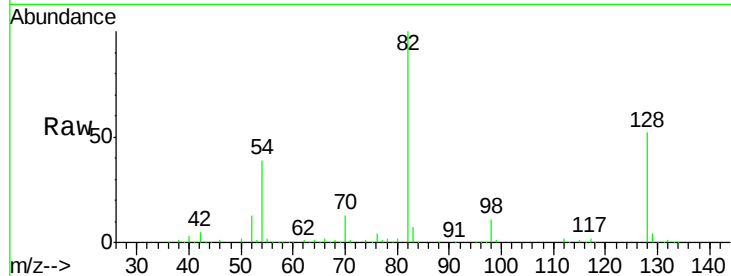




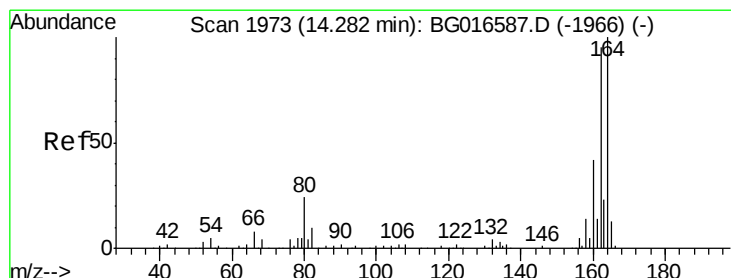
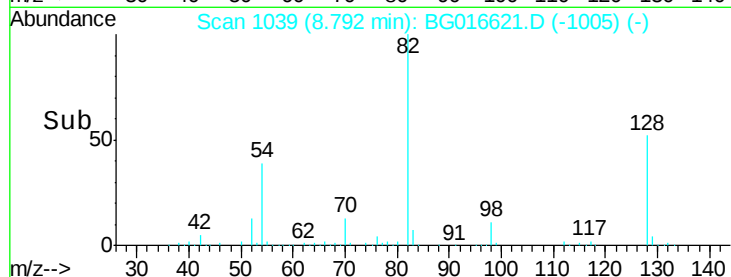
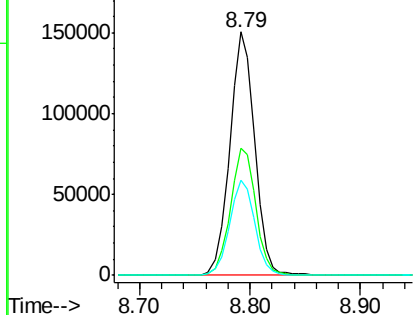
#23
Nitrobenzene-d5
Concen: 64.81 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Instrument :
BNA_G
ClientSampleId :
MW-02

Tot Ion: 82 Resp: 237980
Ion Ratio Lower Upper
82 100
128 52.0 42.7 64.1
54 38.9 30.6 45.8

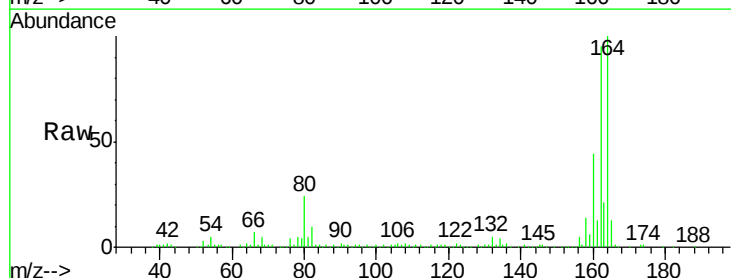


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

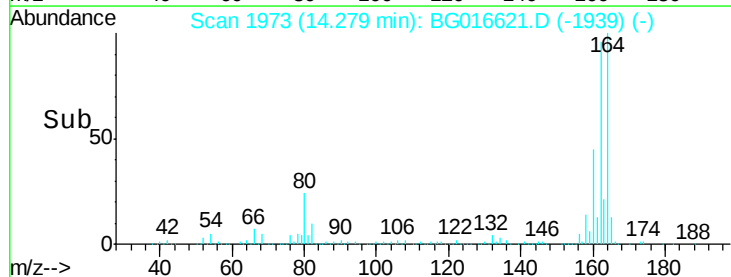
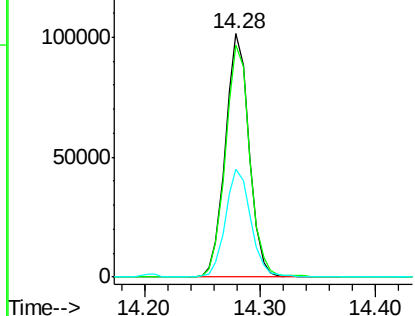


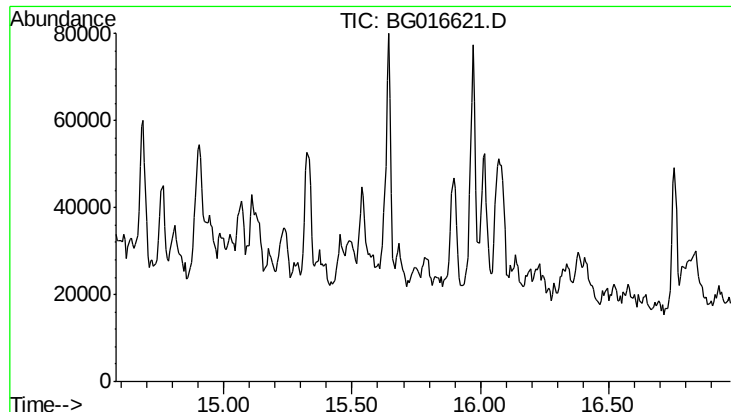
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion: 164 Resp: 144629
Ion Ratio Lower Upper
164 100
162 95.3 75.8 113.6
160 44.4 33.8 50.6



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

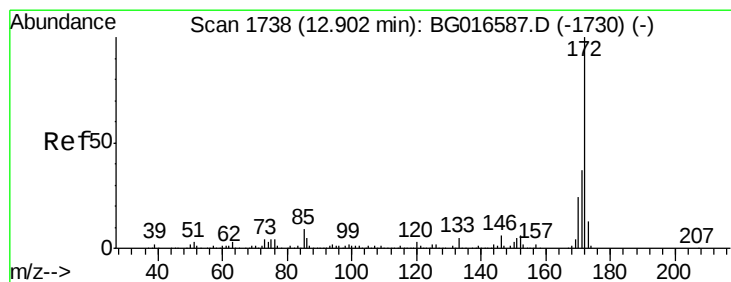
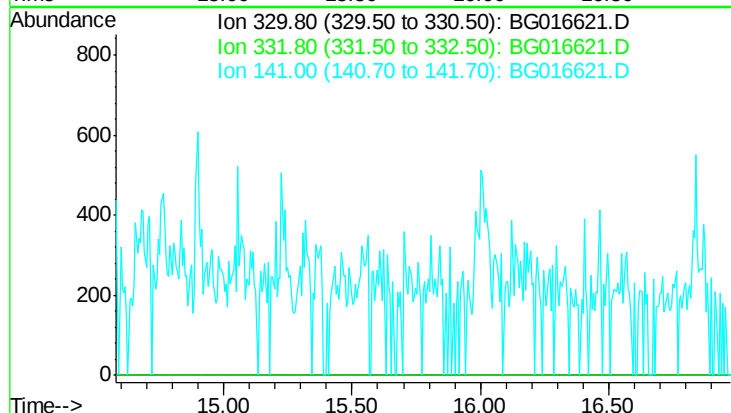




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.78 min
 Lab File: BG016621.D
 Acq: 22 Apr 2015 16:11

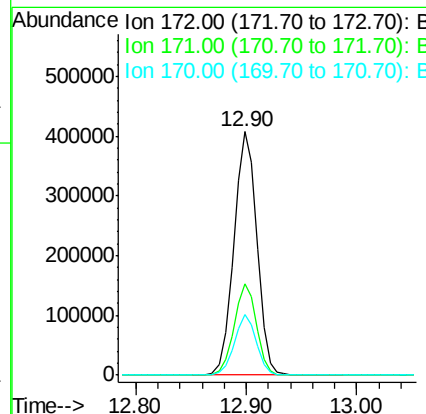
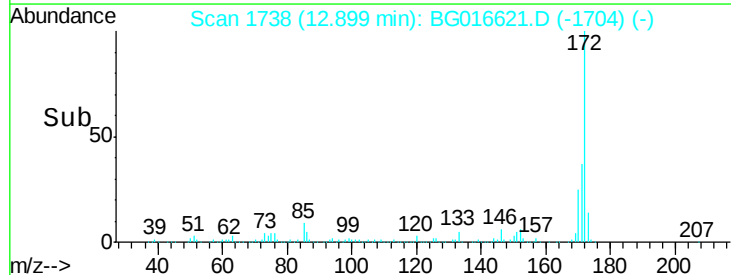
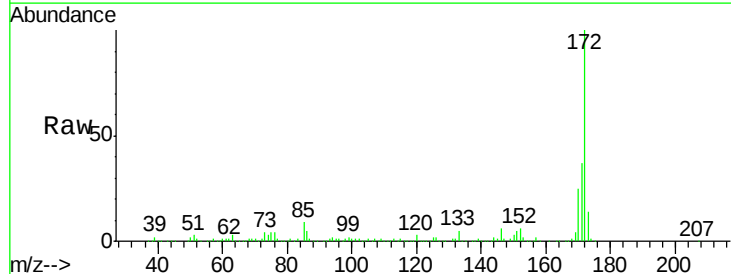
Instrument :
 BNA_G
 ClientSampleId :
 MW-02

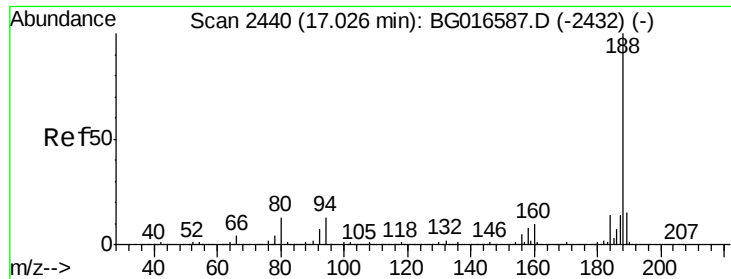
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 57.4



#44
 2-Fluorobiphenyl
 Concen: 68.25 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG016621.D
 Acq: 22 Apr 2015 16:11

Tgt Ion: 172 Resp: 596031
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.7 19.4 29.0

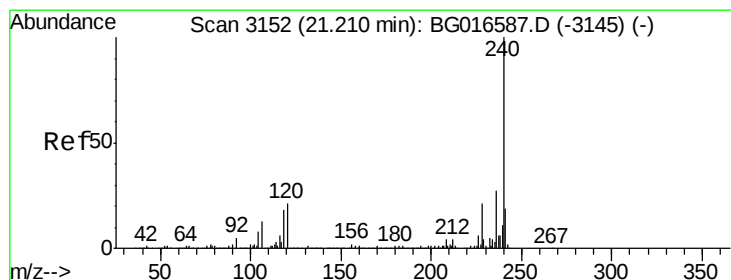
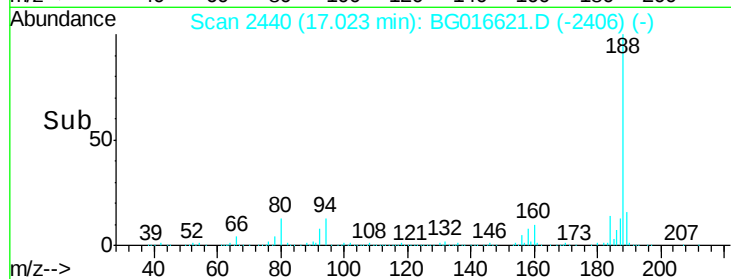
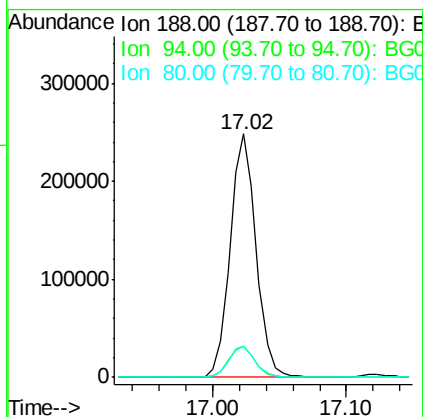
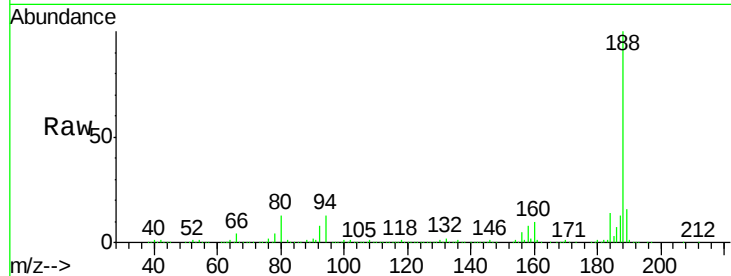




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

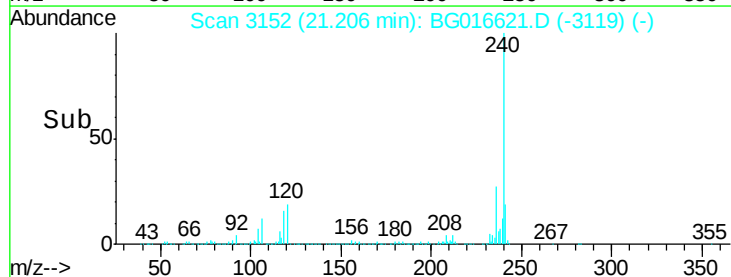
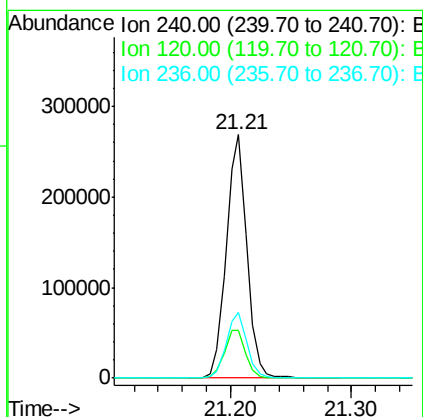
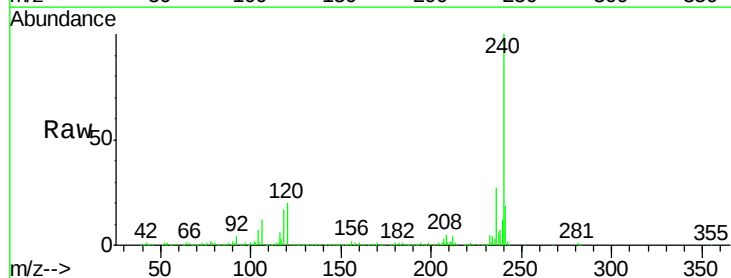
Instrument :
BNA_G
ClientSampleId :
MW-02

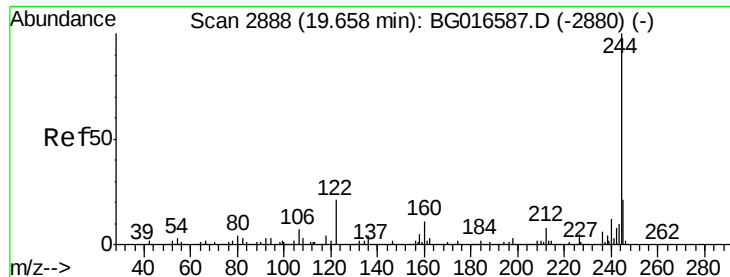
Tot Ion:188 Resp: 335859
Ion Ratio Lower Upper
188 100
94 12.6 10.5 15.7
80 13.0 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:240 Resp: 316543
Ion Ratio Lower Upper
240 100
120 19.6 16.7 25.1
236 26.7 21.7 32.5





#78

Terphenyl-d14

Concen: 54.83 ng

RT: 19.66 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG016621.D

Acq: 22 Apr 2015 16:11

Instrument :

BNA_G

ClientSampleId :

MW-02

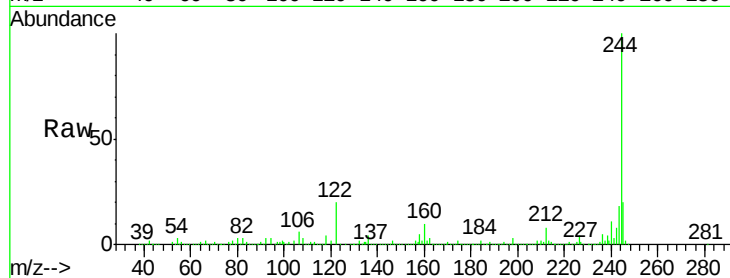
Tot Ion:244 Resp: 720434

Ion Ratio Lower Upper

244 100

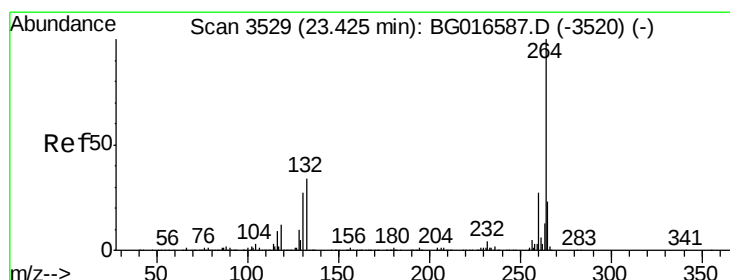
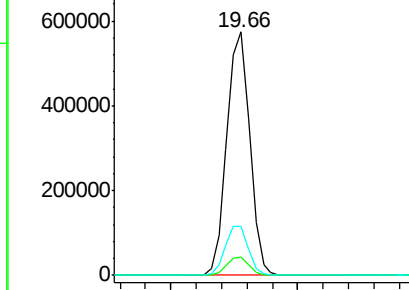
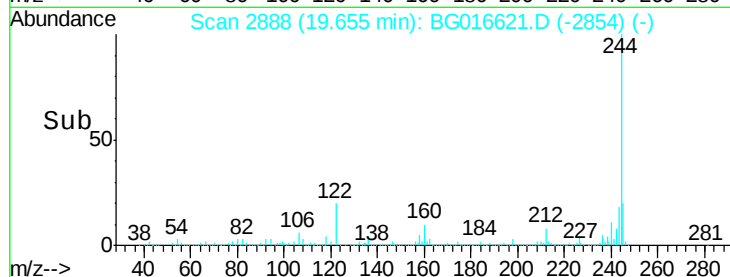
212 7.7 6.8 10.2

122 20.0 17.0 25.6



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

19.66



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.42 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG016621.D

Acq: 22 Apr 2015 16:11

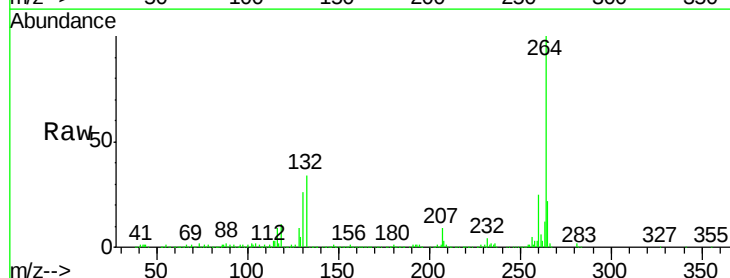
Tgt Ion:264 Resp: 298072

Ion Ratio Lower Upper

264 100

260 25.3 21.4 32.2

265 21.7 18.7 28.1



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

23.42

