

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021634.D
 Acq On : 13 Apr 2016 23:30
 Operator : UM/SJ
 Sample : H2418-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Quant Time: Apr 14 03:27:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27515	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	121605	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	80726	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	208495	20.00	ng	0.00
75) Chrysene-d12	21.83	240	241126	20.00	ng	0.00
86) Perylene-d12	25.16	264	229716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	136436	82.57	ng	0.00
7) Phenol-d6	7.36	99	129048	52.29	ng	0.00
23) Nitrobenzene-d5	9.38	82	251038	106.11	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	156741	180.16	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	582664	105.75	ng	0.00
78) Terphenyl-d14	20.15	244	1003129	103.81	ng	0.00

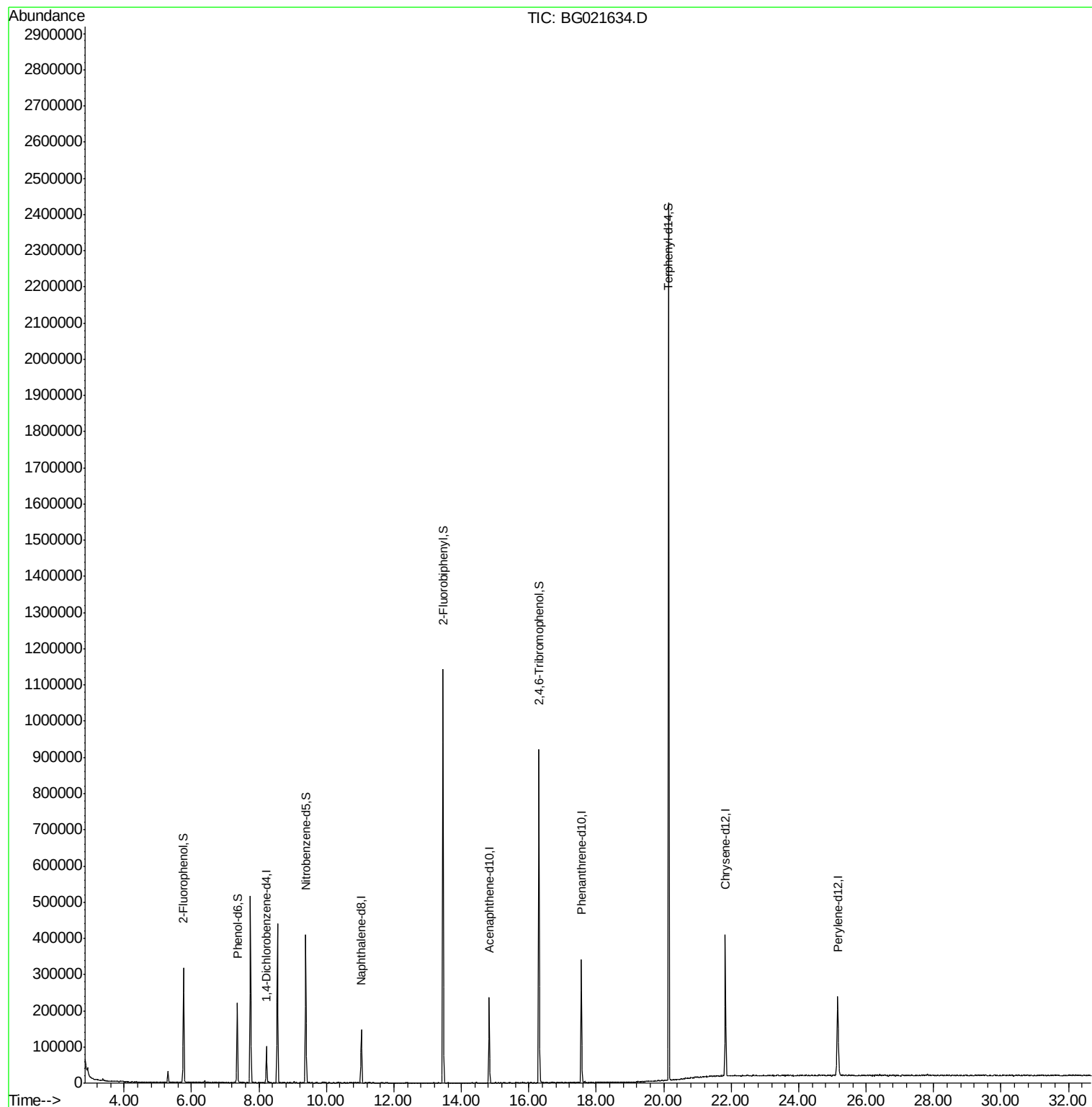
Target Compounds Qvalue

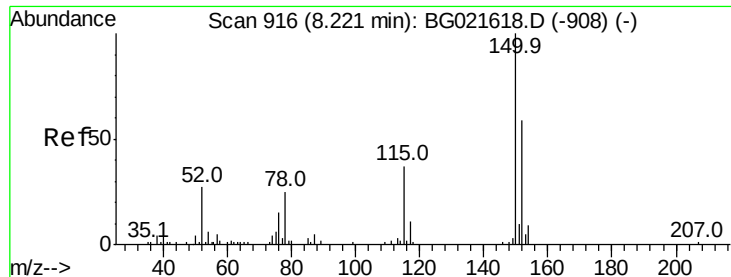
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021634.D
Acq On : 13 Apr 2016 23:30
Operator : UM/SJ
Sample : H2418-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Quant Time: Apr 14 03:27:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

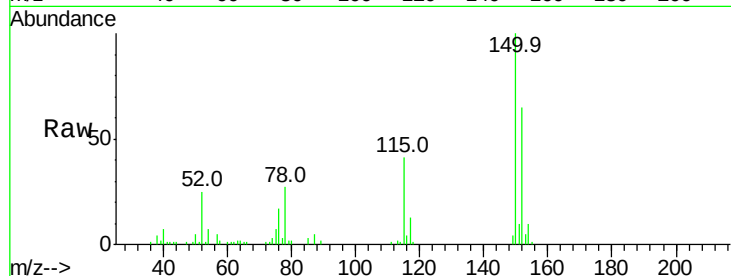
Tot Ion:152 Resp: 27515

Ion Ratio Lower Upper

152 100

150 154.5 130.1 195.1

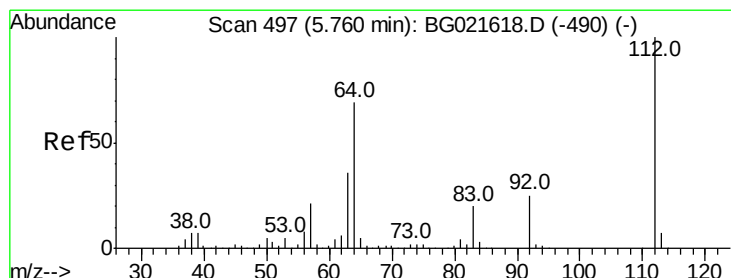
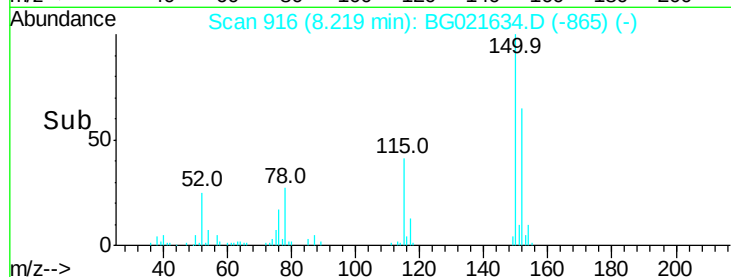
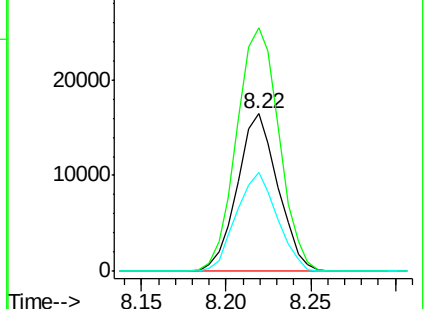
115 62.6 62.2 93.2



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: 82.57 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

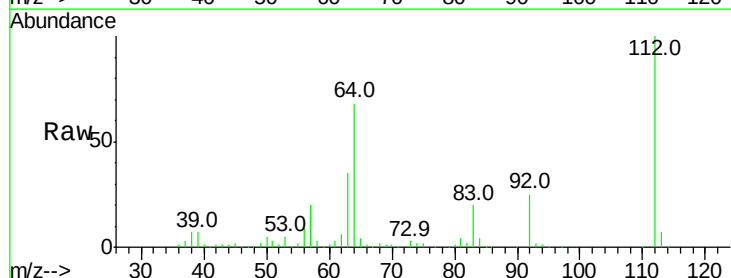
Tgt Ion:112 Resp: 136436

Ion Ratio Lower Upper

112 100

64 67.5 51.1 76.7

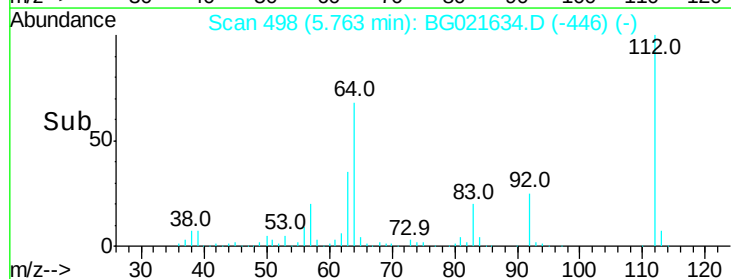
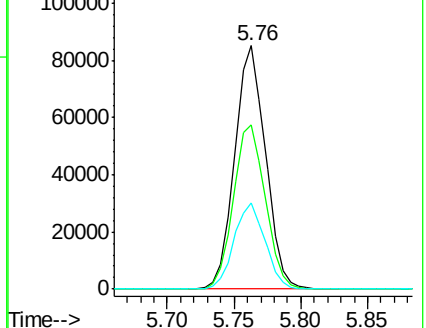
63 35.5 24.6 37.0

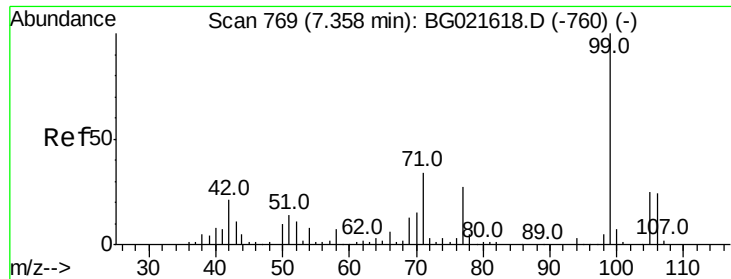


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.29 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

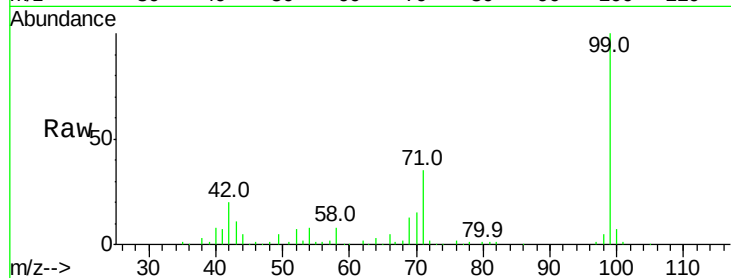
Tot Ion: 99 Resp: 129048

Ion Ratio Lower Upper

99 100

42 20.2 16.4 24.6

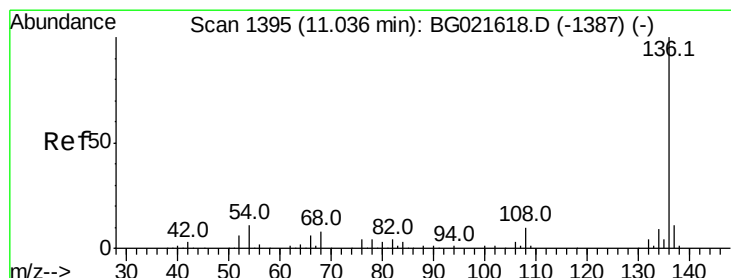
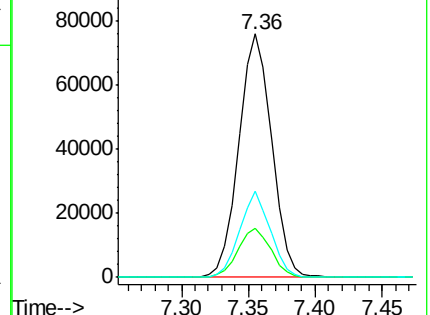
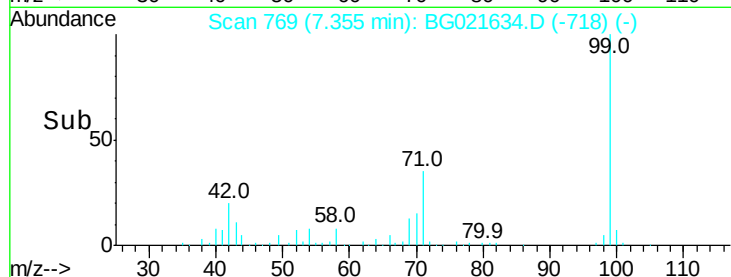
71 35.2 25.0 37.4



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: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

Tgt Ion: 136 Resp: 121605

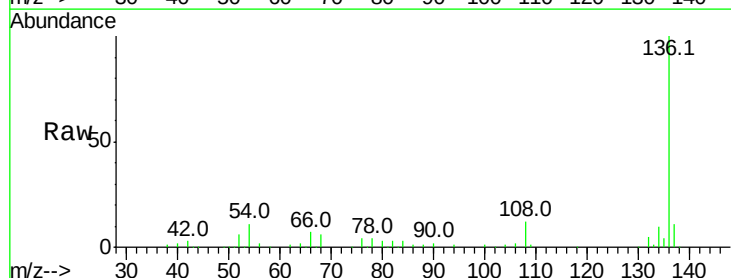
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 11.4 9.6 14.4

68 6.0 6.4 9.6#

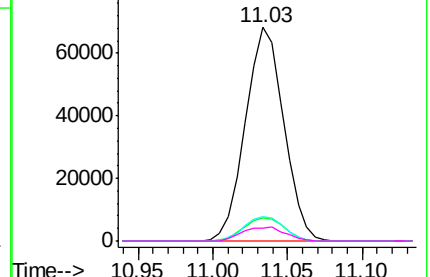
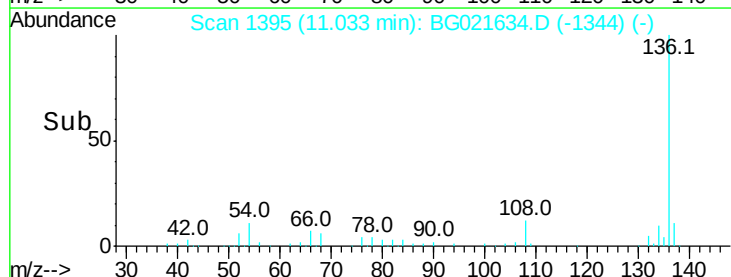


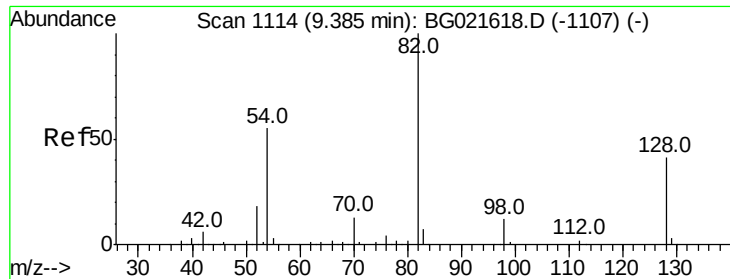
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

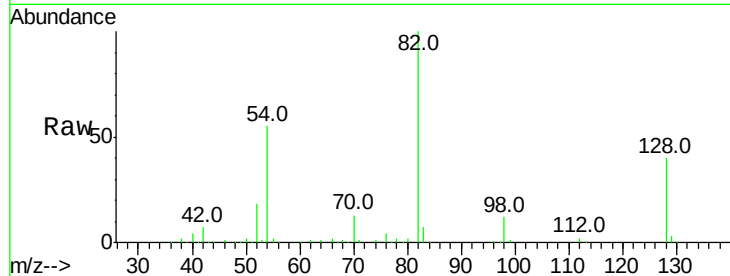




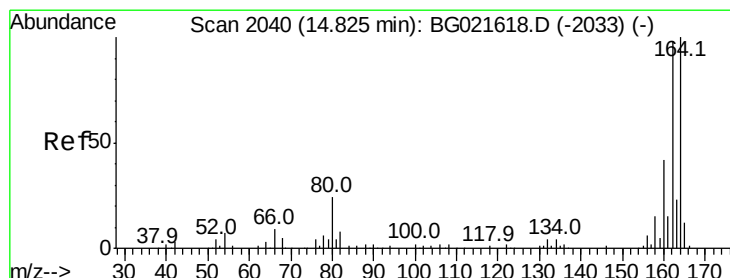
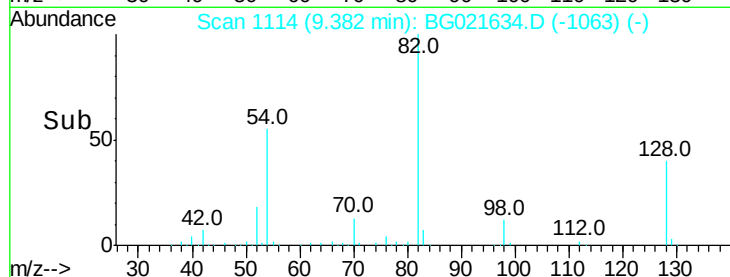
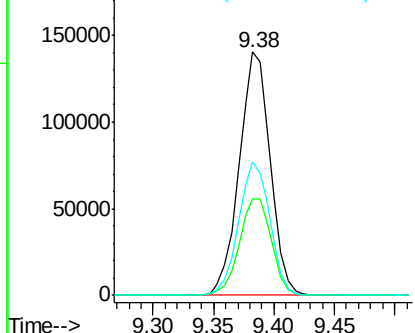
#23
Nitrobenzene-d5
Concen: 106.11 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021634.D
Acq: 13 Apr 2016 23:30

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion: 82 Resp: 251038
Ion Ratio Lower Upper
82 100
128 39.7 33.4 50.0
54 55.0 46.1 69.1

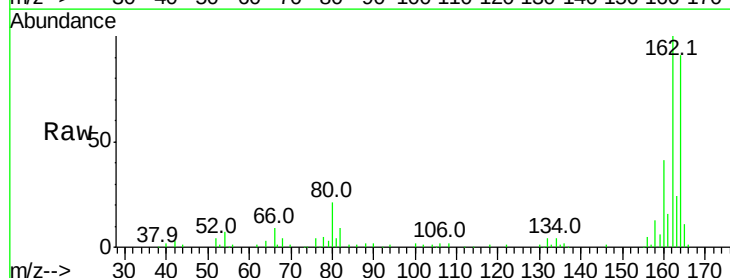


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

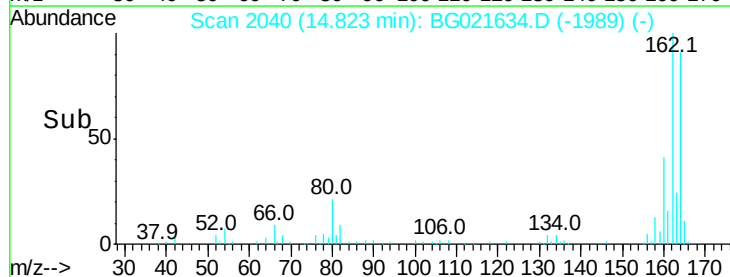
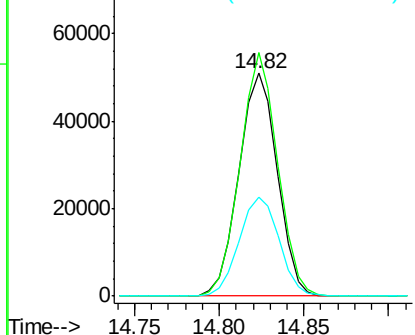


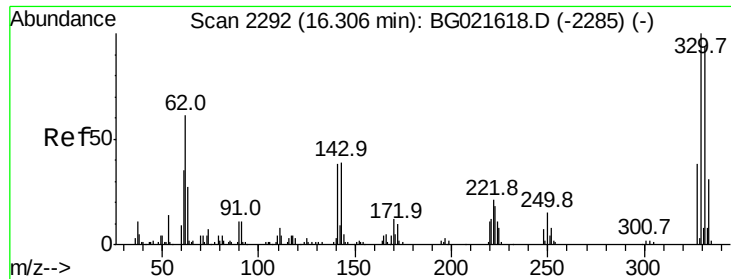
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021634.D
Acq: 13 Apr 2016 23:30

Tgt Ion:164 Resp: 80726
Ion Ratio Lower Upper
164 100
162 109.4 78.0 117.0
160 44.6 32.9 49.3



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: 180.16 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

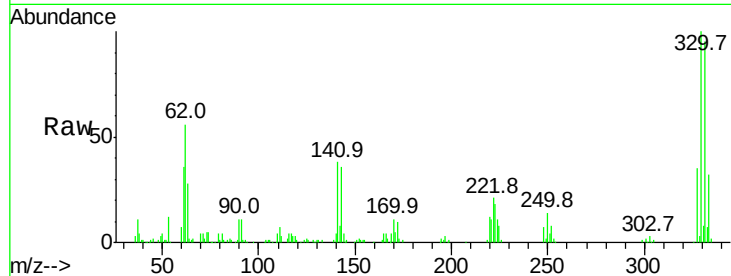
Tot Ion:330 Resp: 156741

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

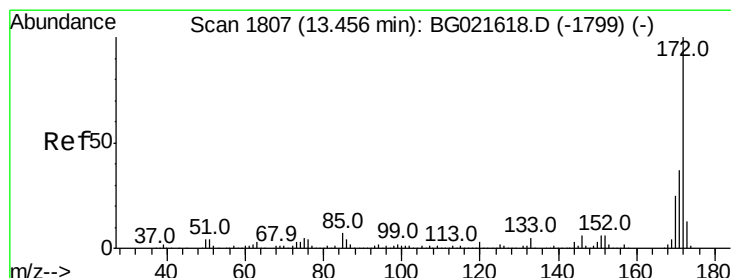
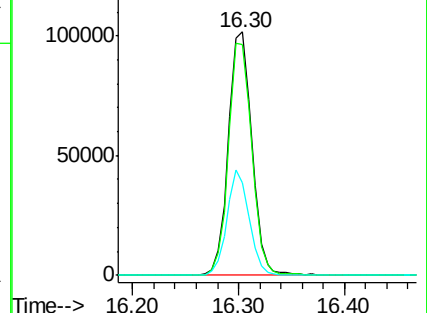
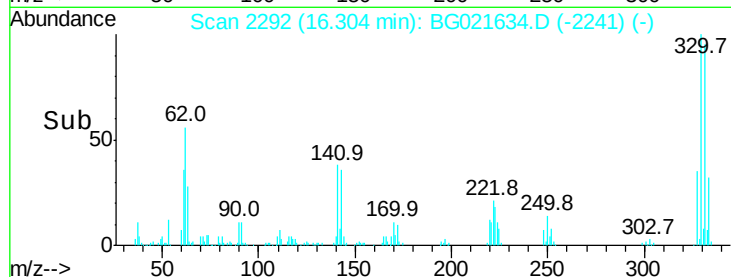
141 40.8 33.8 50.8



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: 105.75 ng

RT: 13.45 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

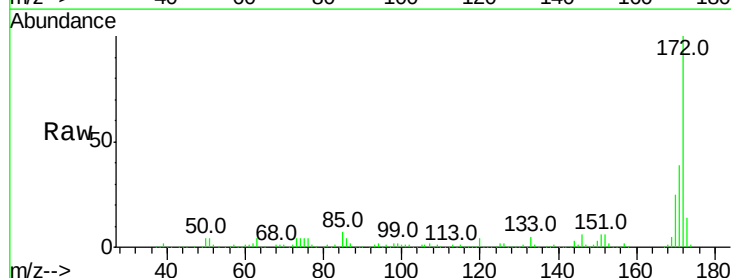
Tgt Ion:172 Resp: 582664

Ion Ratio Lower Upper

172 100

171 38.5 27.8 41.6

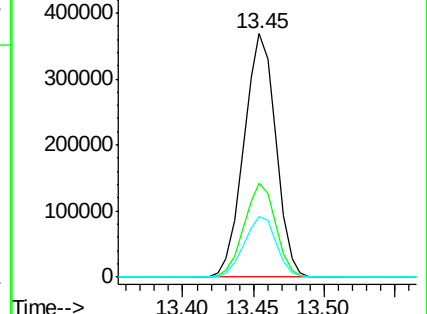
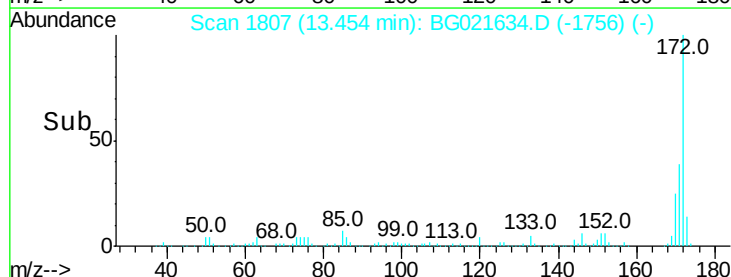
170 25.1 19.6 29.4

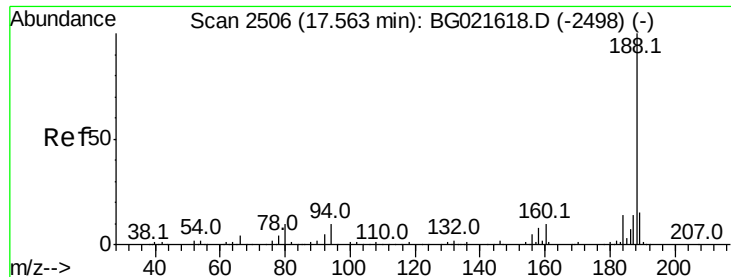


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

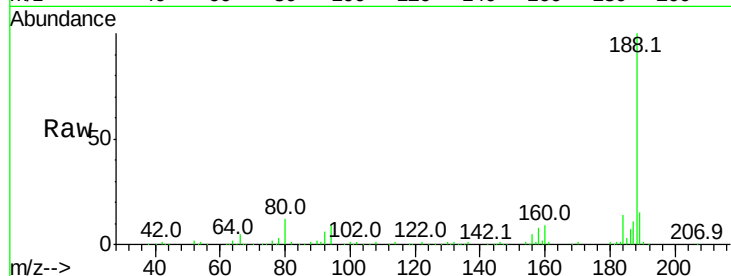




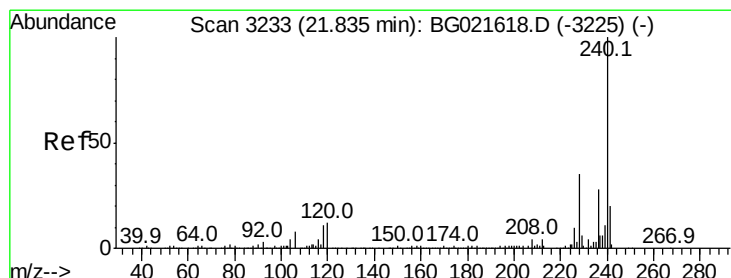
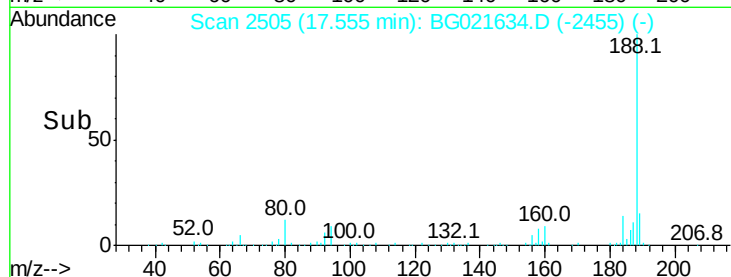
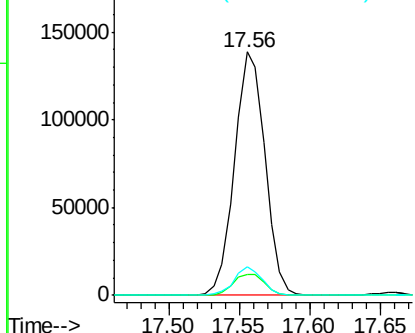
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021634.D
 Acq: 13 Apr 2016 23:30

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion:188 Resp: 208495
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.5 11.3
 80 11.6 8.6 13.0

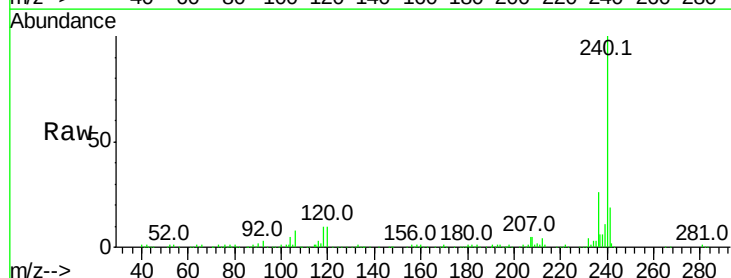


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

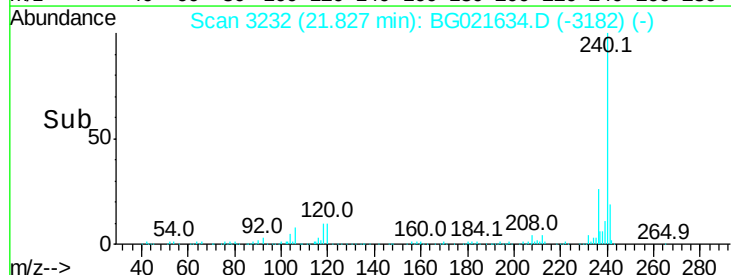
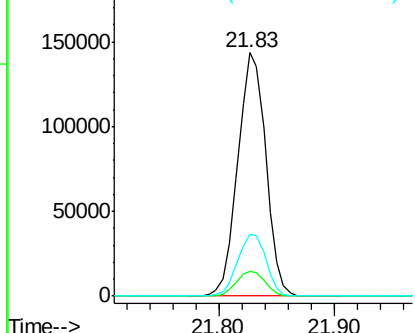


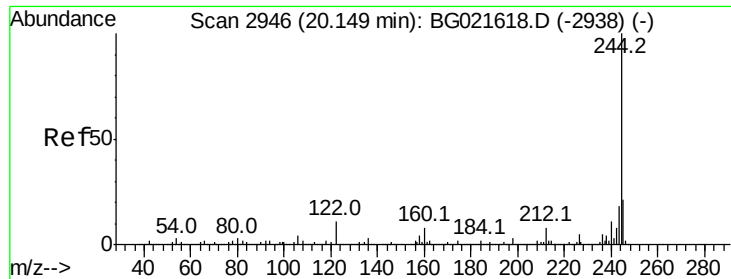
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG021634.D
 Acq: 13 Apr 2016 23:30

Tgt Ion:240 Resp: 241126
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 25.5 19.6 29.4



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: 103.81 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

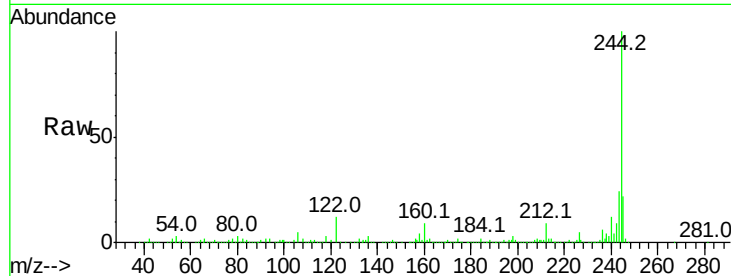
Tot Ion:244 Resp: 1003129

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

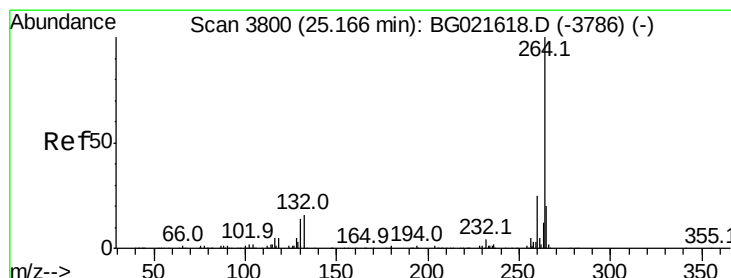
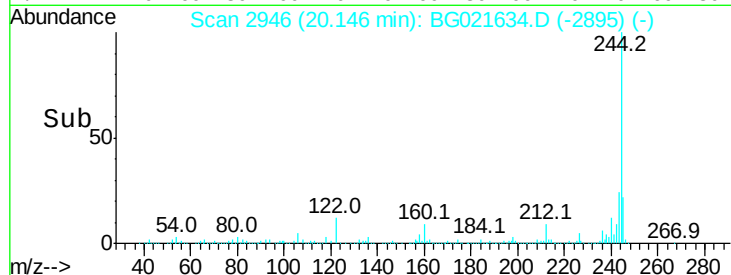
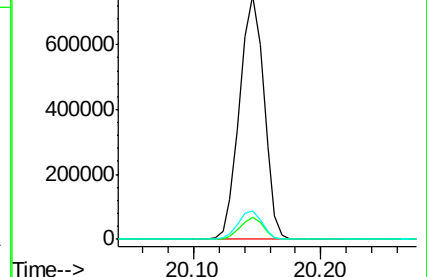
122 11.5 8.6 12.8



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: 25.16 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG021634.D

Acq: 13 Apr 2016 23:30

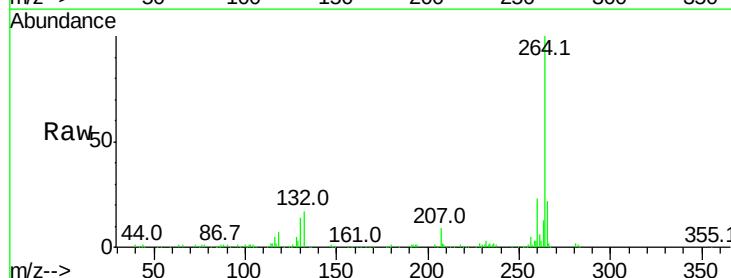
Tgt Ion:264 Resp: 229716

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.4

265 21.8 17.8 26.8



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

