

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016439.D
 Acq On : 16 Apr 2015 2:33
 Operator : TP/IZ
 Sample : G1829-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-1A-11

Quant Time: Apr 16 04:25:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 04:13:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	80948	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	392400	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	240346	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	492808	20.00	ng	0.00
75) Chrysene-d12	21.23	240	401548	20.00	ng	0.00
86) Perylene-d12	23.46	264	379369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	310280	60.49	ng	0.00
7) Phenol-d6	6.85	99	290773	37.76	ng	0.00
23) Nitrobenzene-d5	8.82	82	553108	81.65	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	232536	143.06	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1273960	90.25	ng	0.00
78) Terphenyl-d14	19.68	244	1387421	80.87	ng	0.00

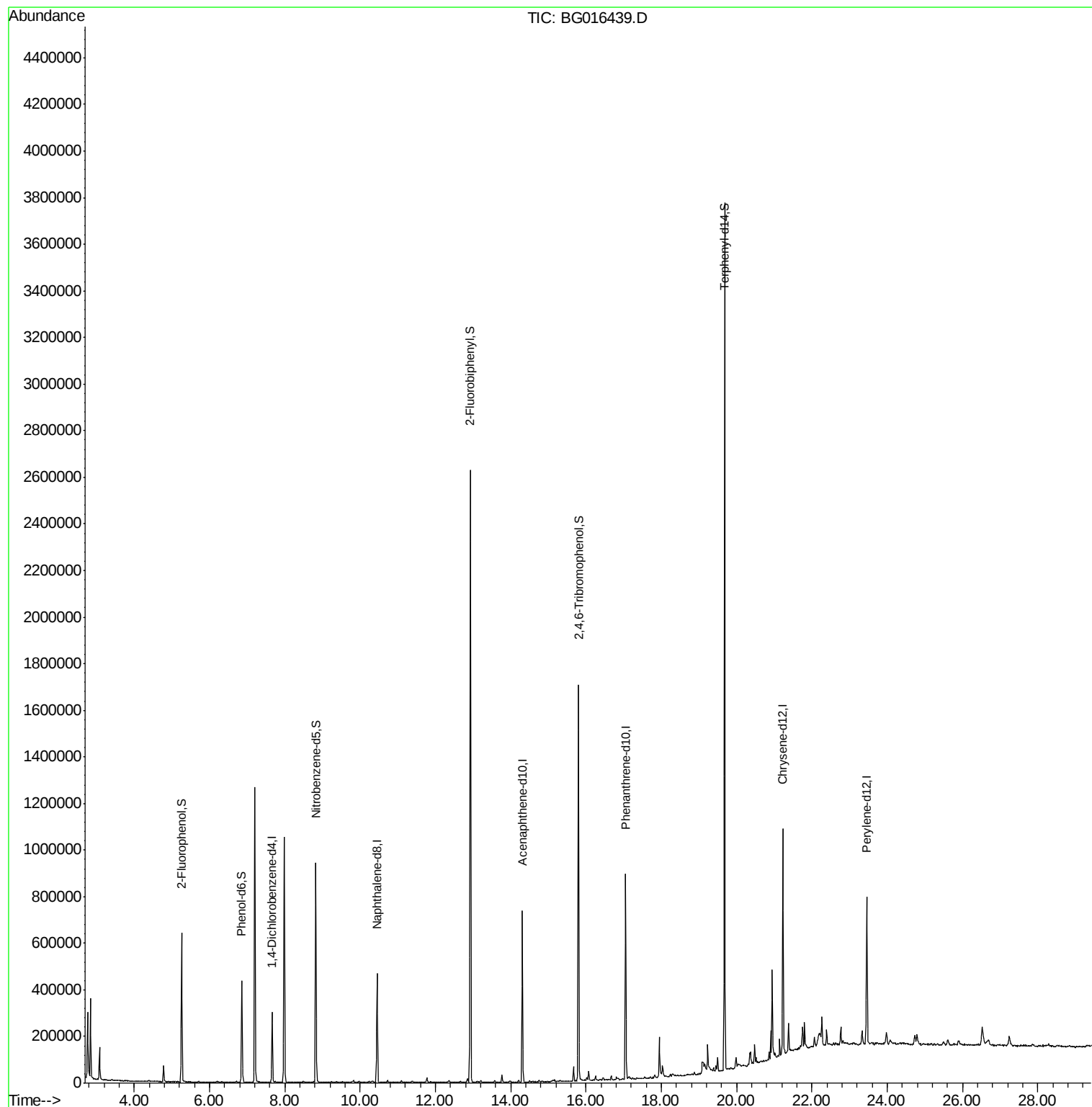
Target Compounds	Qvalue
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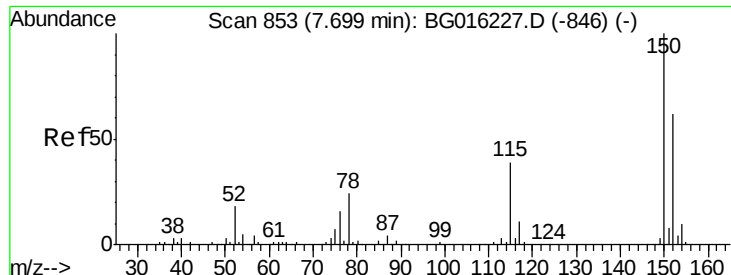
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

Instrument :

BNA_G

ClientSampleId :

TE-PMW-1A-11

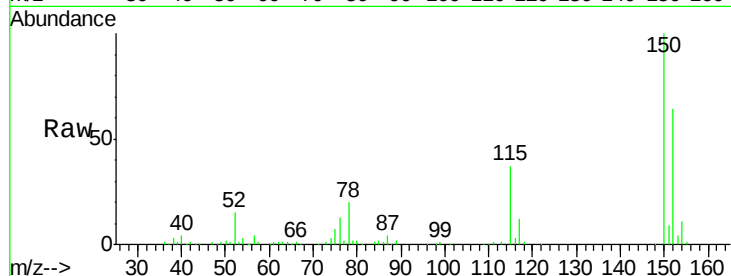
Tgt Ion:152 Resp: 80948

Ion Ratio Lower Upper

152 100

150 156.9 130.1 195.1

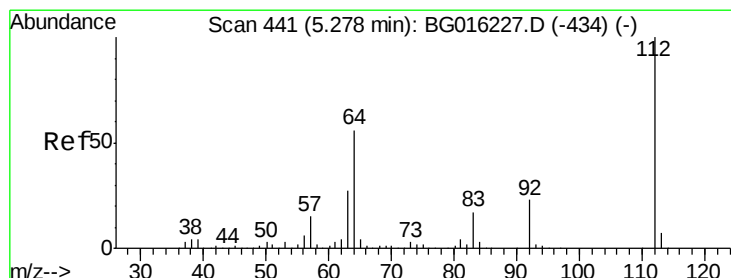
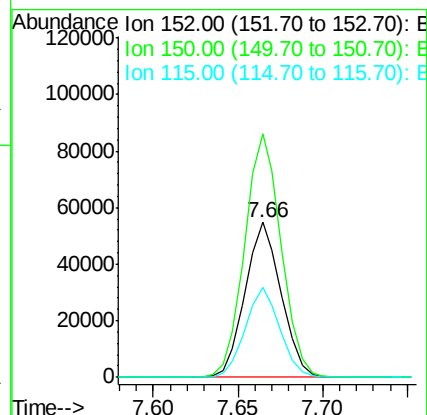
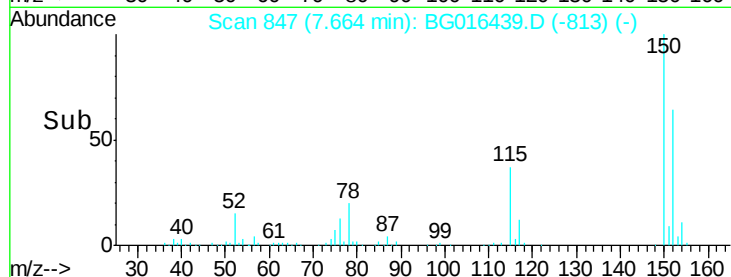
115 58.0 50.5 75.7



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: 60.49 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

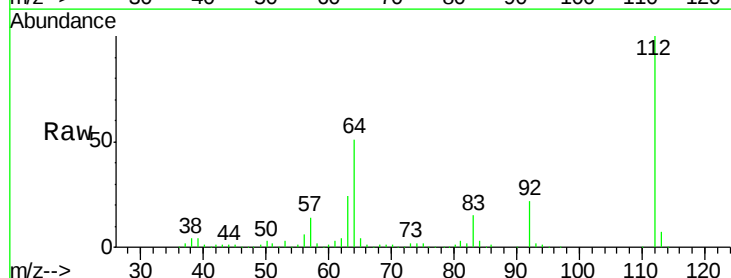
Tgt Ion:112 Resp: 310280

Ion Ratio Lower Upper

112 100

64 50.6 44.5 66.7

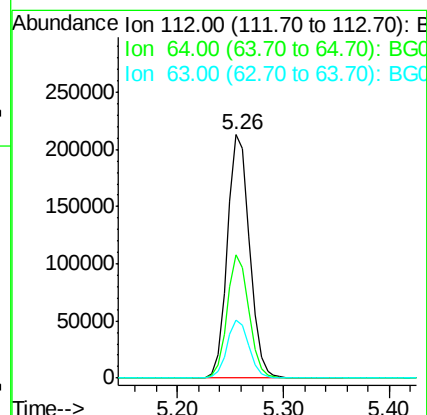
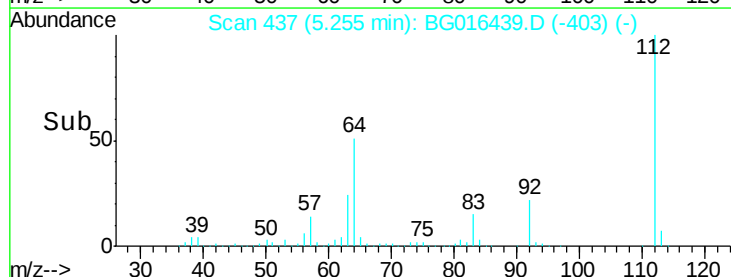
63 24.0 21.4 32.0



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: 37.76 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

Instrument :

BNA_G

ClientSampleId :

TE-PMW-1A-11

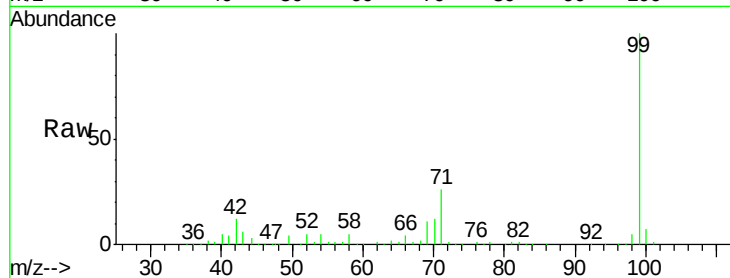
Tgt Ion: 99 Resp: 290773

Ion Ratio Lower Upper

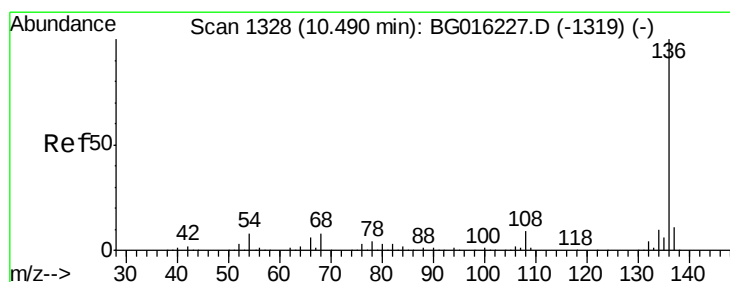
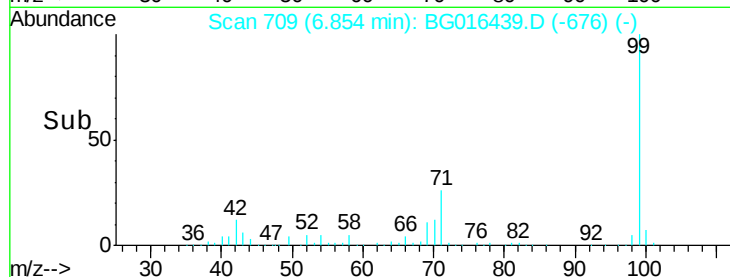
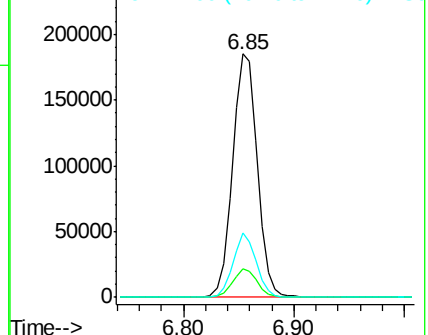
99 100

42 11.9 10.0 15.0

71 26.3 21.5 32.3



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: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

Tgt Ion: 136 Resp: 392400

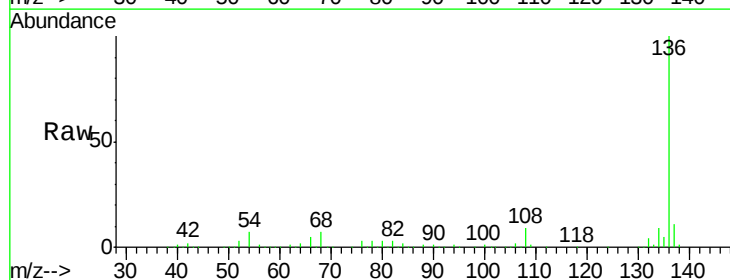
Ion Ratio Lower Upper

136 100

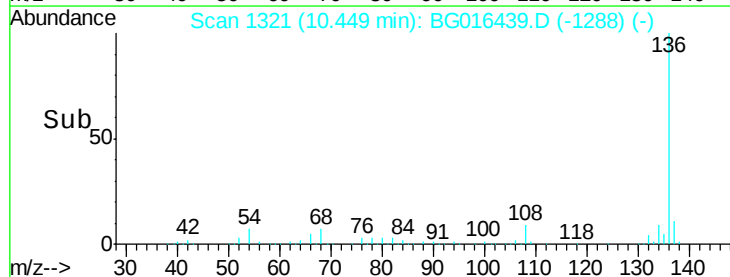
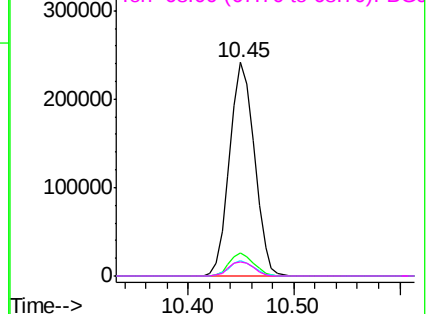
137 10.9 8.7 13.1

54 6.9 6.3 9.5

68 6.8 6.5 9.7



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

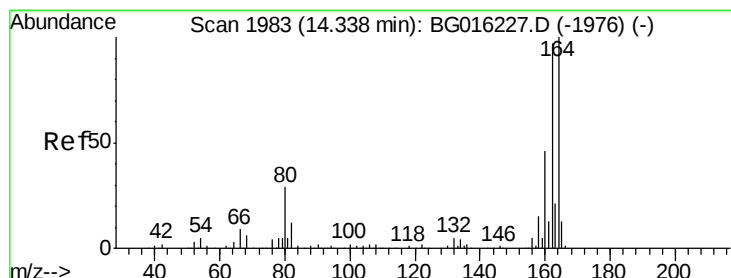
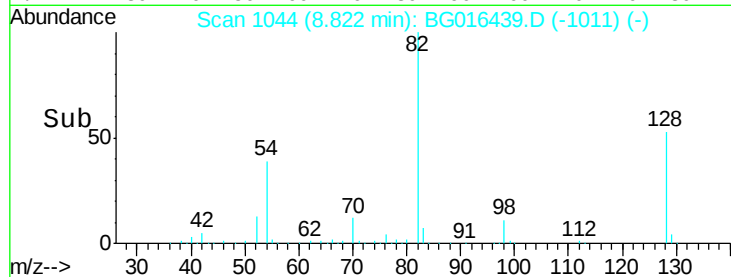
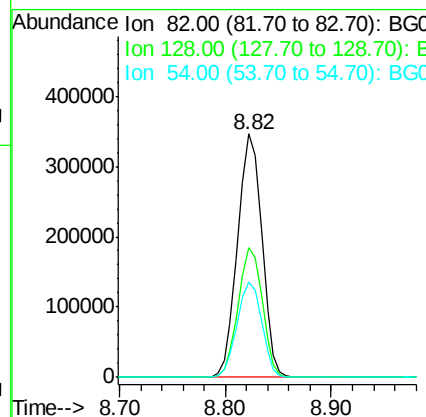
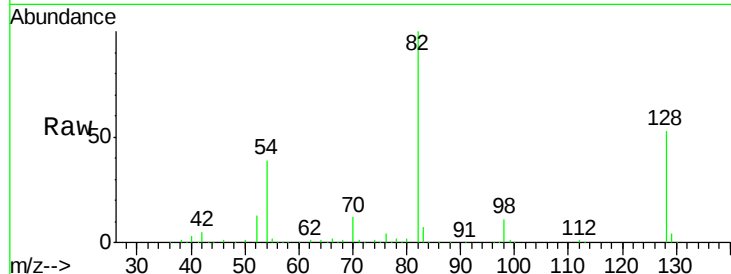




#23
Nitrobenzene-d5
Concen: 81.65 ng
RT: 8.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG016439.D
Acq: 16 Apr 2015 2:33

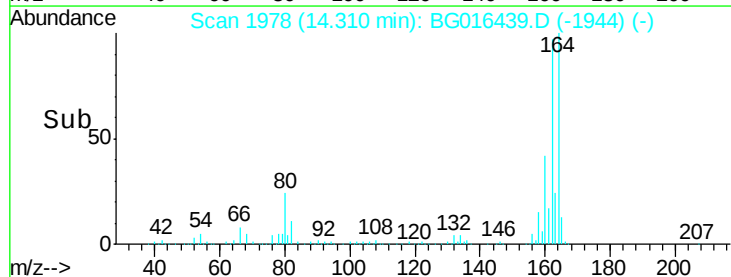
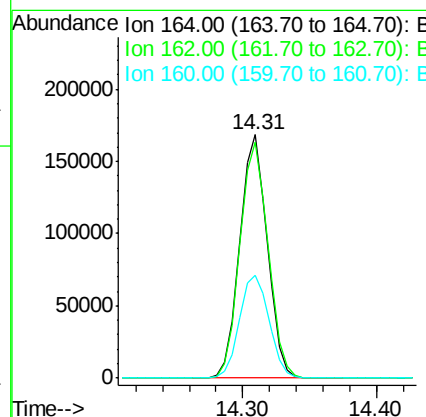
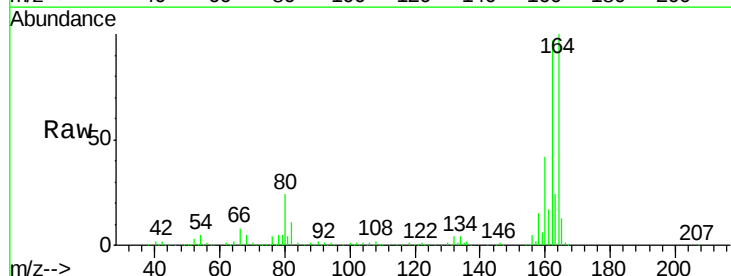
Instrument :
BNA_G
ClientSampleId :
TE-PMW-1A-11

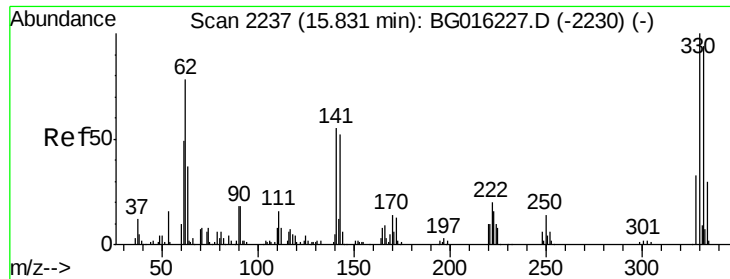
Tgt Ion: 82 Resp: 553108
Ion Ratio Lower Upper
82 100
128 53.1 37.8 56.8
54 38.9 32.6 49.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG016439.D
Acq: 16 Apr 2015 2:33

Tgt Ion: 164 Resp: 240346
Ion Ratio Lower Upper
164 100
162 97.0 77.3 115.9
160 42.5 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 143.06 ng

RT: 15.80 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

Instrument :

BNA_G

ClientSampleId :

TE-PMW-1A-11

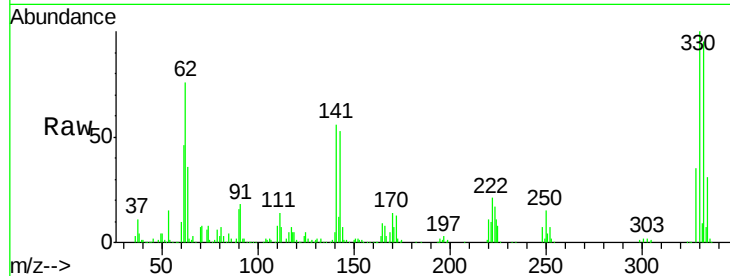
Tgt Ion:330 Resp: 232536

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.6

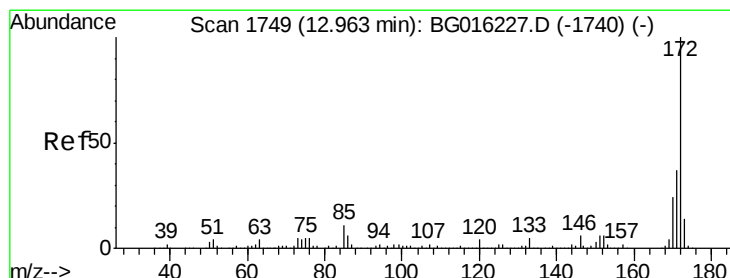
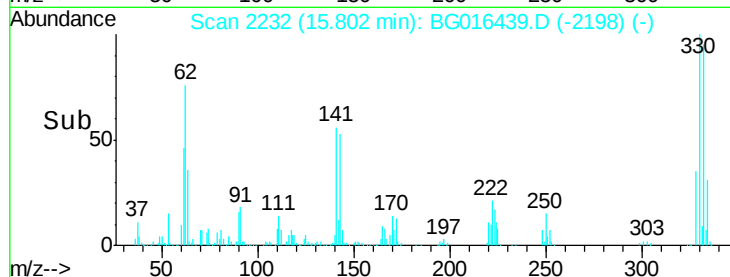
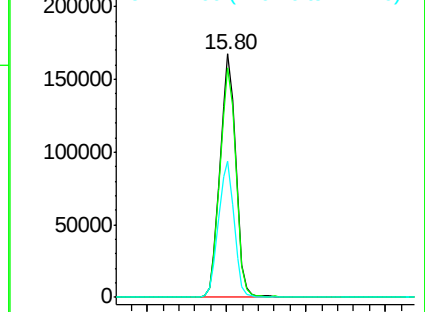
141 55.0 46.6 69.8



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: 90.25 ng

RT: 12.93 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

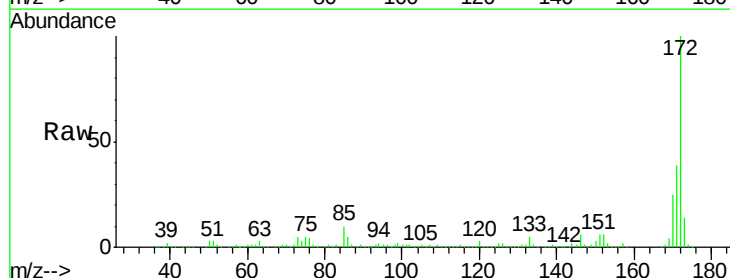
Tgt Ion:172 Resp: 1273960

Ion Ratio Lower Upper

172 100

171 38.5 29.6 44.4

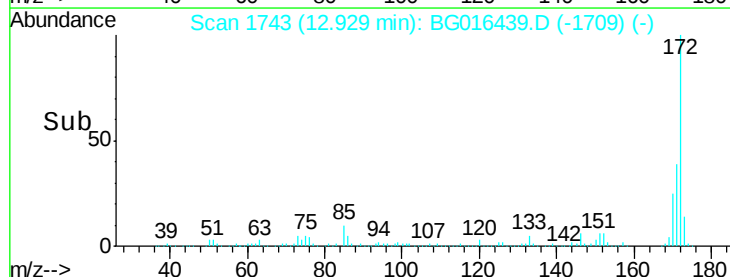
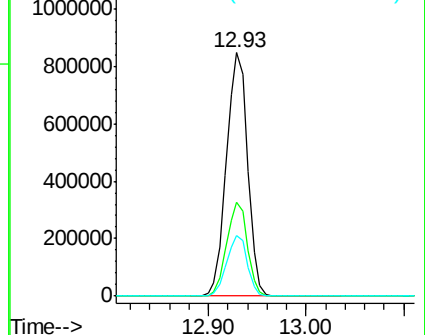
170 25.1 19.4 29.2

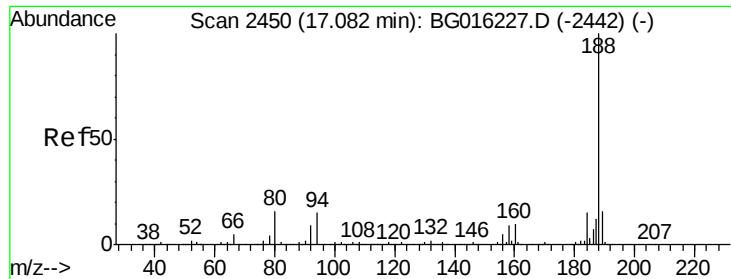


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

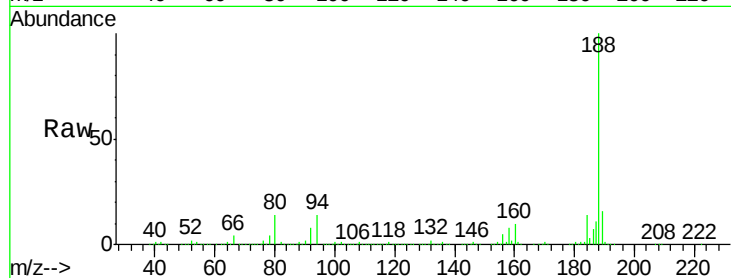




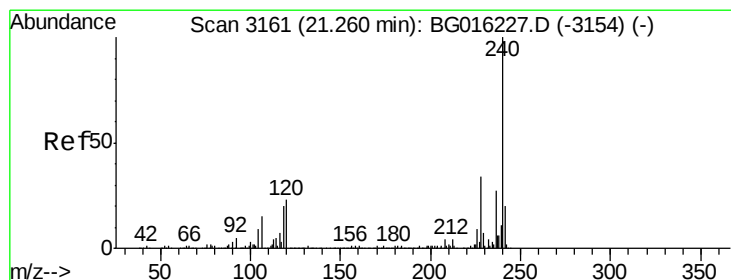
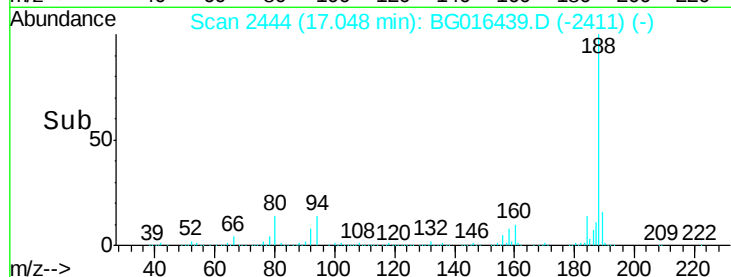
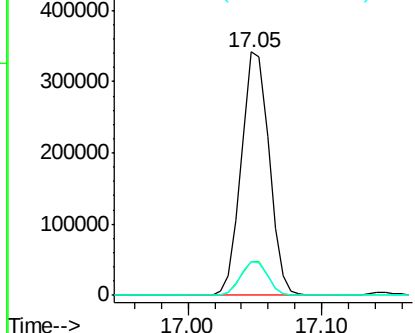
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG016439.D
Acq: 16 Apr 2015 2:33

Instrument :
BNA_G
ClientSampleId :
TE-PMW-1A-11

Tgt Ion:188 Resp: 492808
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 14.1 12.8 19.2

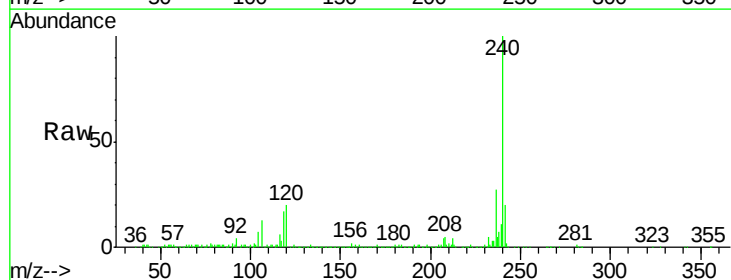


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

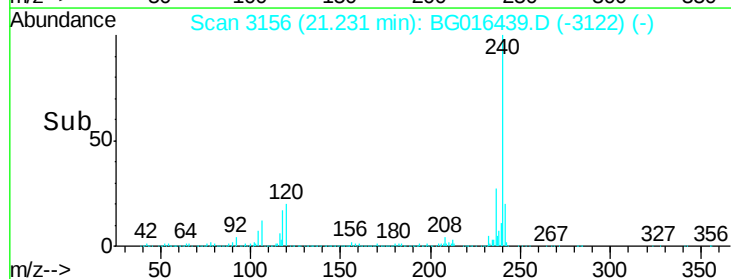
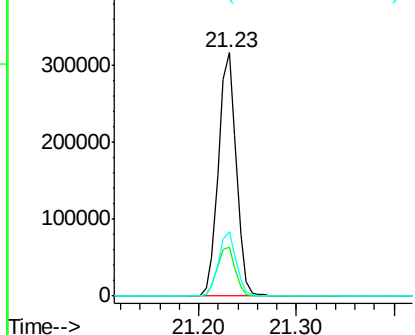


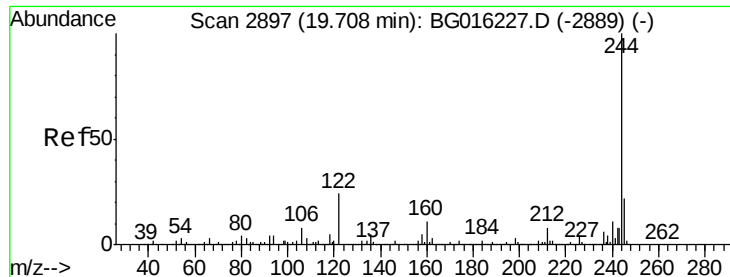
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG016439.D
Acq: 16 Apr 2015 2:33

Tgt Ion:240 Resp: 401548
Ion Ratio Lower Upper
240 100
120 20.1 18.6 28.0
236 26.6 21.7 32.5



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: 80.87 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

Instrument :

BNA_G

ClientSampleId :

TE-PMW-1A-11

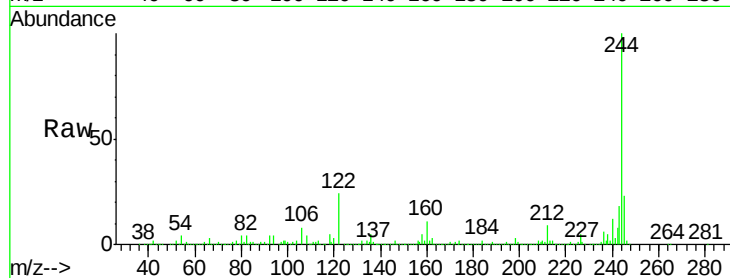
Tgt Ion:244 Resp: 1387421

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

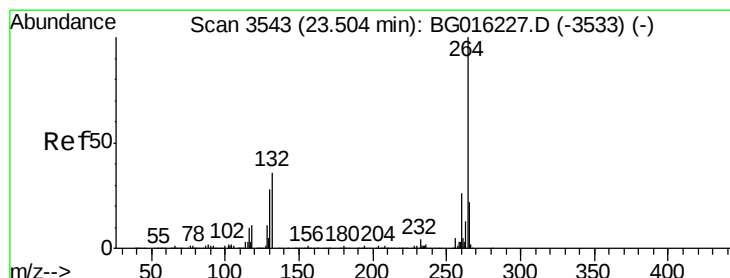
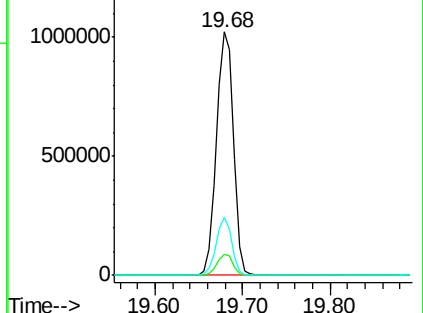
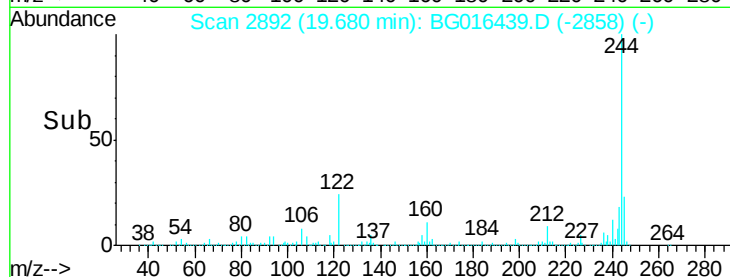
122 23.9 19.1 28.7



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: 23.46 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG016439.D

Acq: 16 Apr 2015 2:33

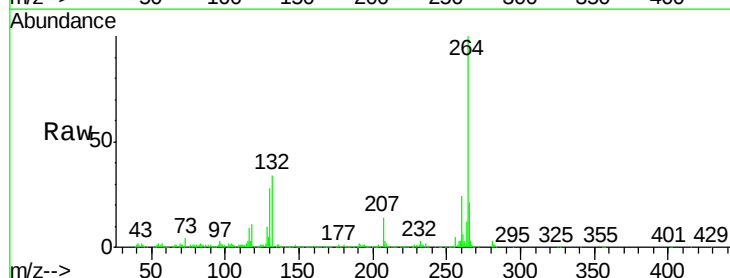
Tgt Ion:264 Resp: 379369

Ion Ratio Lower Upper

264 100

260 23.9 20.4 30.6

265 21.4 17.2 25.8



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

