

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
 Data File : BG022219.D
 Acq On : 8 Jun 2016 00:48
 Operator : UM/SJ
 Sample : H3426-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-7

Quant Time: Jun 08 03:13:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21554	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	105233	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70942	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	169211	20.00	ng	0.00
75) Chrysene-d12	21.77	240	168688	20.00	ng	0.00
86) Perylene-d12	25.06	264	162103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	88666	79.54	ng	0.00
7) Phenol-d6	7.27	99	81487	46.49	ng	0.00
23) Nitrobenzene-d5	9.29	82	144324	95.62	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	121212	151.21	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	435755	93.61	ng	0.00
78) Terphenyl-d14	20.08	244	755636	106.35	ng	0.00

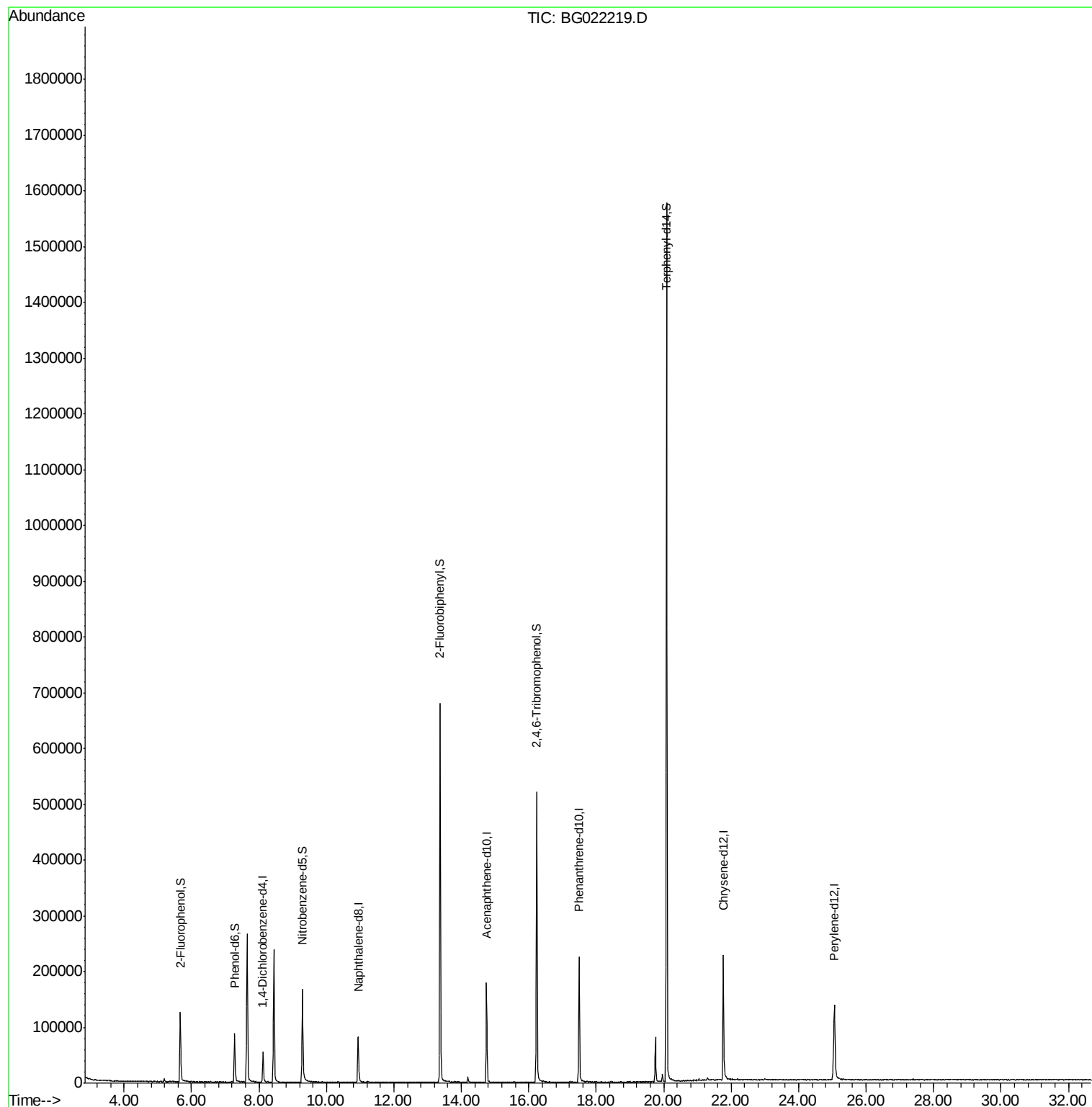
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022219.D

Acq: 8 Jun 2016 00:48

Instrument :

BNA_G

ClientSampleId :

GW-7

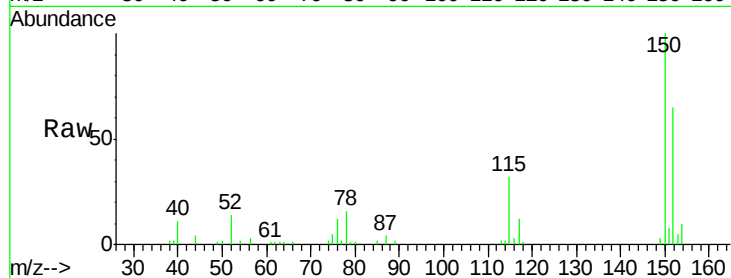
Tot Ion:152 Resp: 21554

Ion Ratio Lower Upper

152 100

150 153.1 130.1 195.1

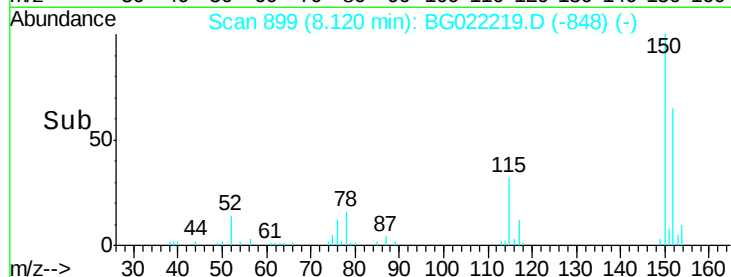
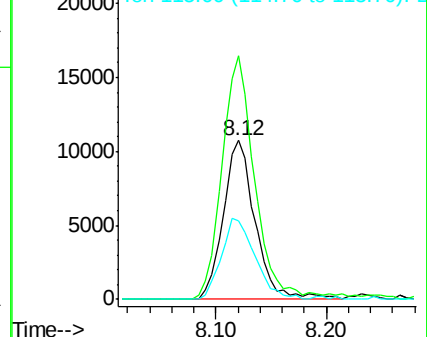
115 49.0 62.2 93.2#



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: 79.54 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022219.D

Acq: 8 Jun 2016 00:48

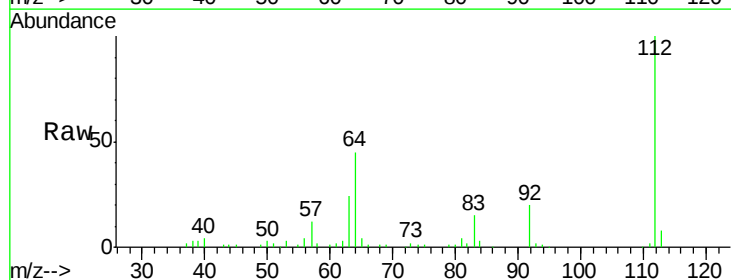
Tgt Ion:112 Resp: 88666

Ion Ratio Lower Upper

112 100

64 44.9 51.1 76.7#

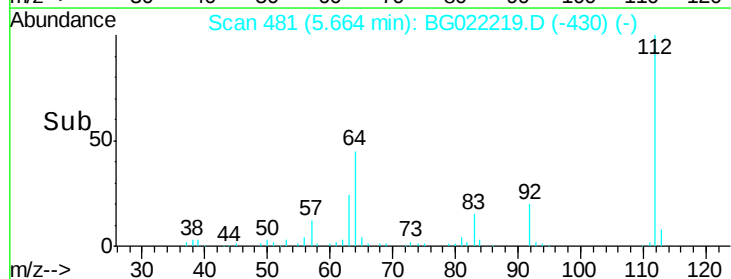
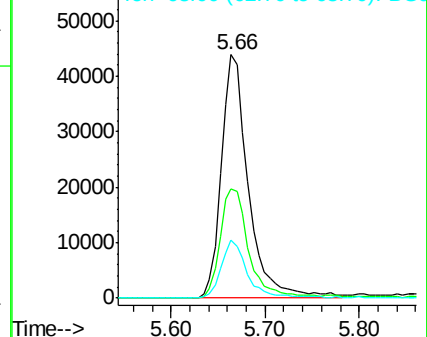
63 23.7 24.6 37.0#



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: 46.49 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022219.D

Acq: 8 Jun 2016 00:48

Instrument :

BNA_G

ClientSampleId :

GW-7

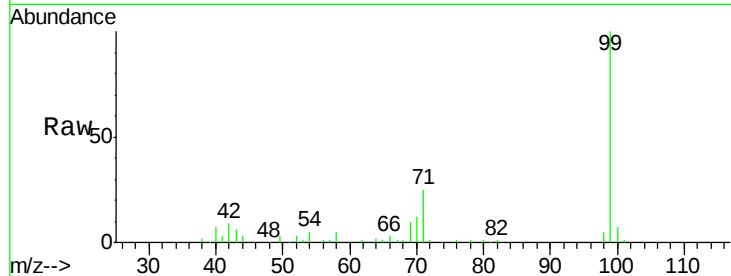
Tot Ion: 99 Resp: 81487

Ion Ratio Lower Upper

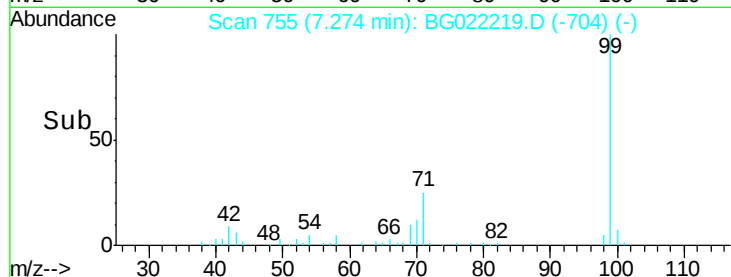
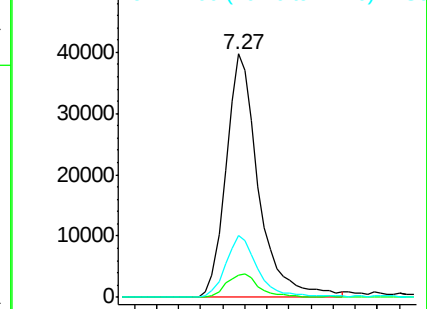
99 100

42 9.3 16.4 24.6#

71 25.2 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: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022219.D

Acq: 8 Jun 2016 00:48

Tgt Ion: 136 Resp: 105233

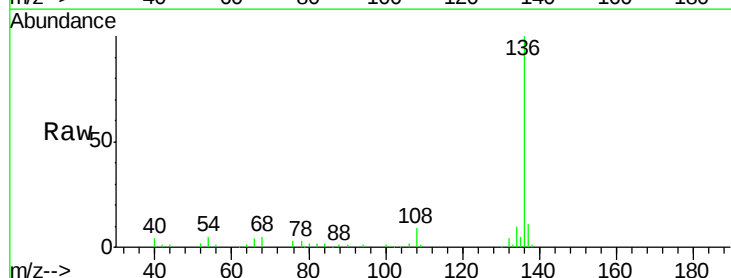
Ion Ratio Lower Upper

136 100

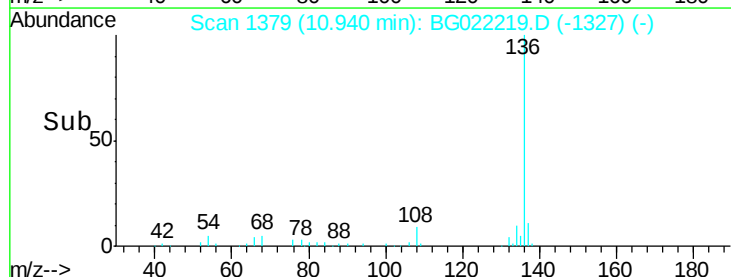
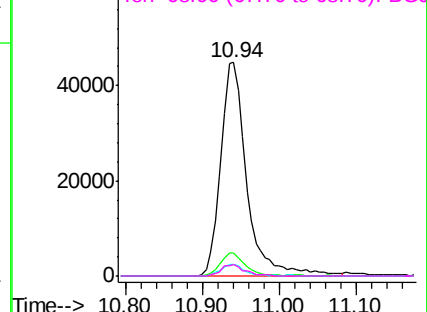
137 10.6 9.0 13.4

54 5.5 9.6 14.4#

68 5.4 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

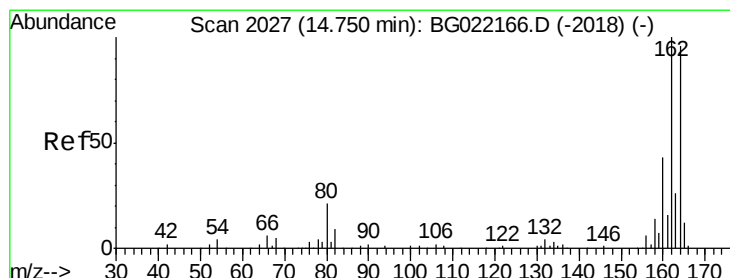
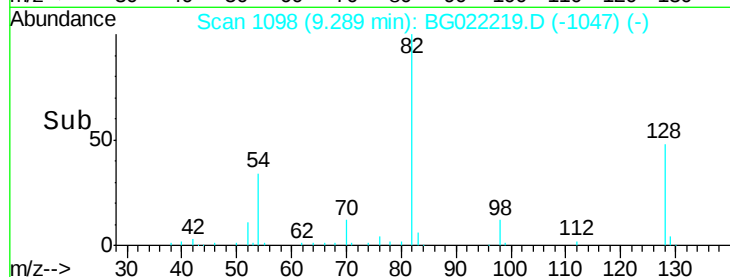
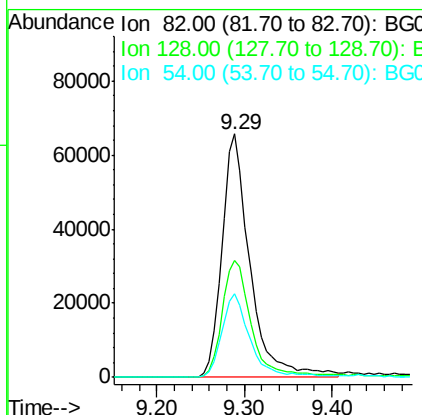
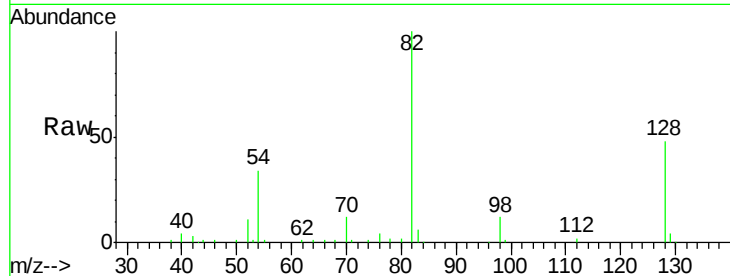




#23
 Nitrobenzene-d5
 Concen: 95.62 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022219.D
 Acq: 8 Jun 2016 00:48

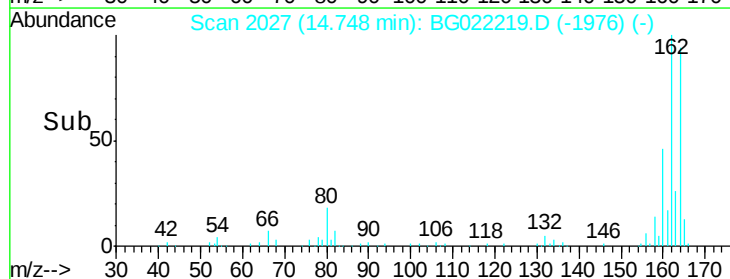
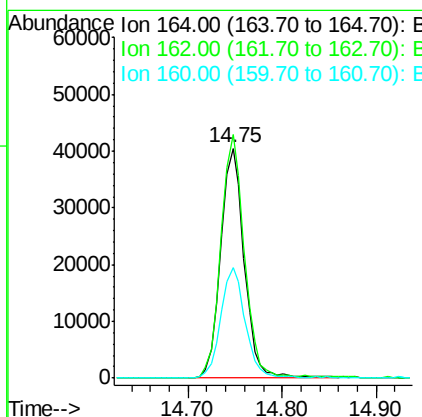
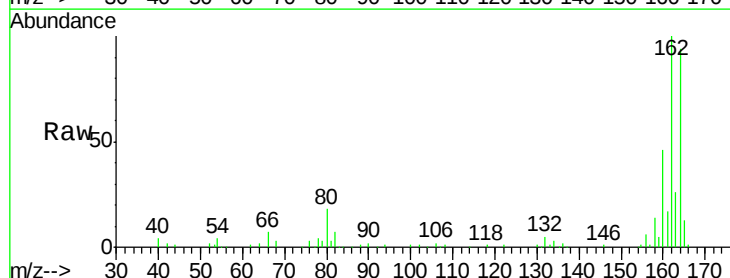
Instrument :
 BNA_G
 ClientSampleId :
 GW-7

Tot Ion: 82 Resp: 144324
 Ion Ratio Lower Upper
 82 100
 128 48.0 33.4 50.0
 54 34.3 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022219.D
 Acq: 8 Jun 2016 00:48

Tgt Ion:164 Resp: 70942
 Ion Ratio Lower Upper
 164 100
 162 105.9 78.0 117.0
 160 48.3 32.9 49.3

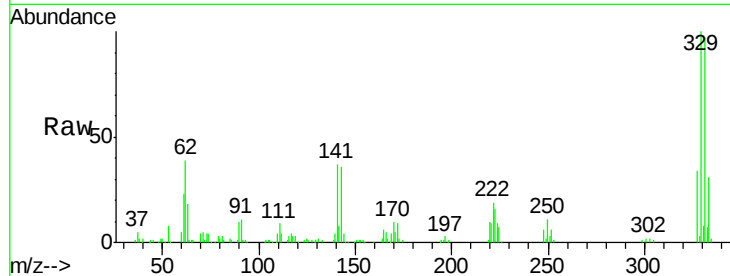




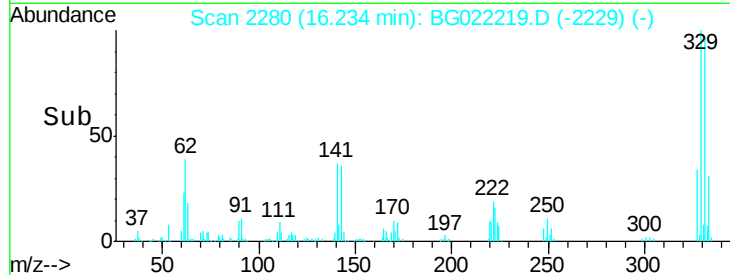
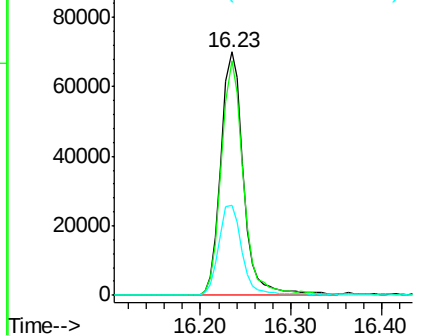
#41
 2,4,6-Tribromophenol
 Concen: 151.21 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022219.D
 Acq: 8 Jun 2016 00:48

Instrument :
 BNA_G
 ClientSampleId :
 GW-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	38.5	33.8	50.8

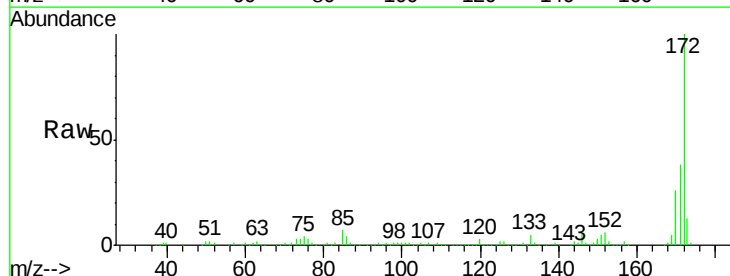


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

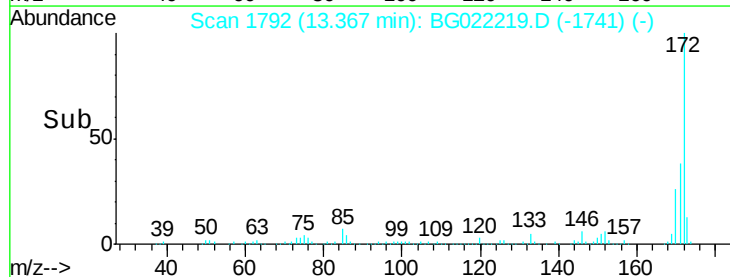
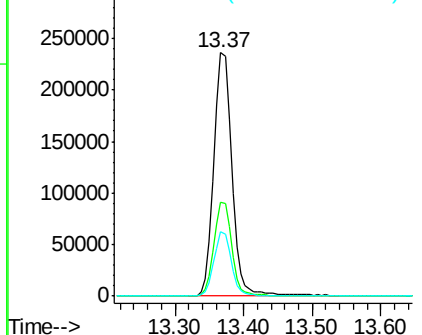


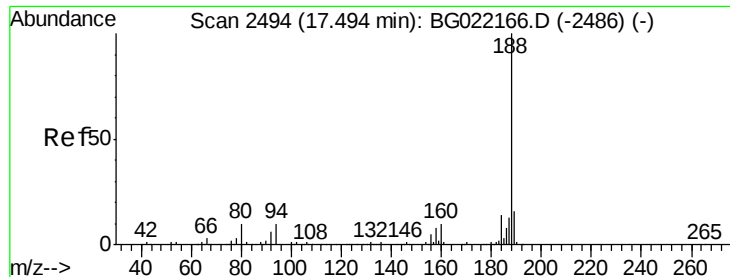
#44
 2-Fluorobiphenyl
 Concen: 93.61 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022219.D
 Acq: 8 Jun 2016 00:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	27.8	41.6
170	26.4	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

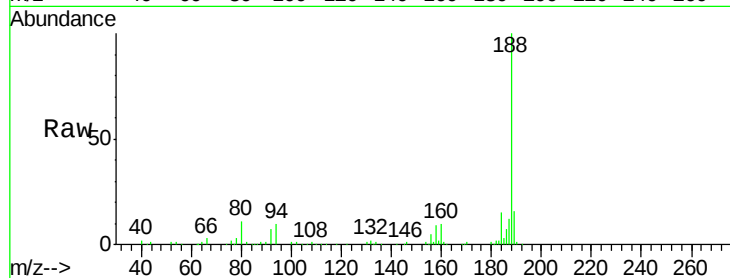




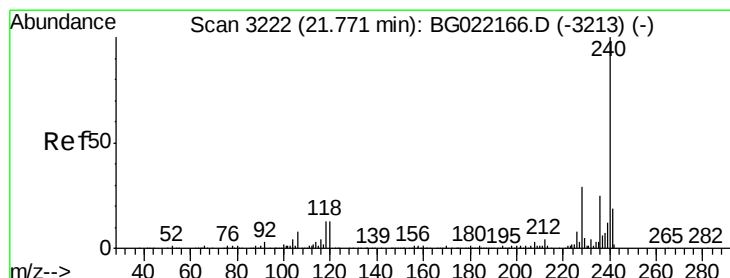
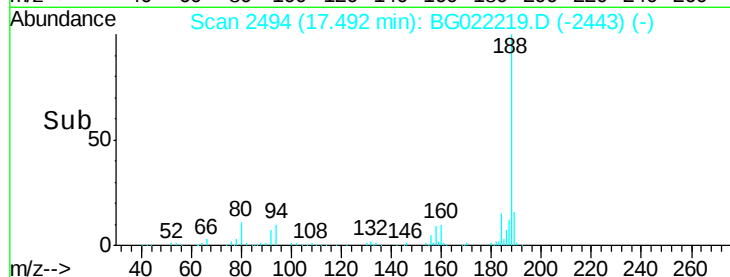
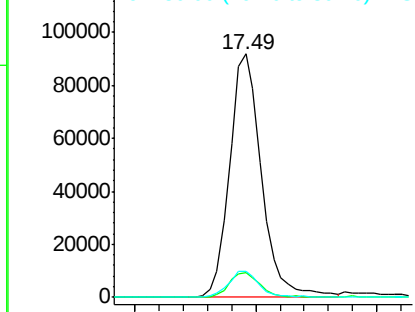
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022219.D
Acq: 8 Jun 2016 00:48

Instrument :
BNA_G
ClientSampleId :
GW-7

Tot Ion:188 Resp: 169211
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.9 8.6 13.0

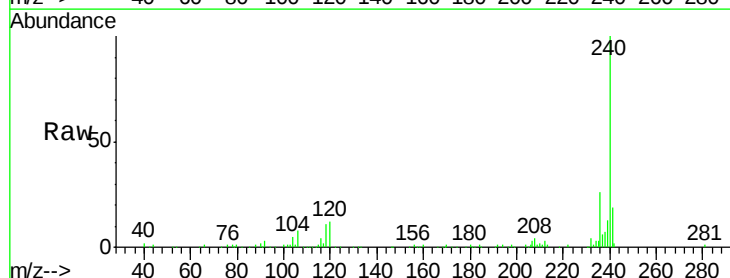


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

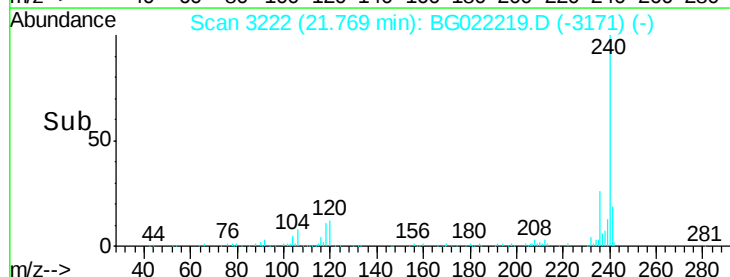
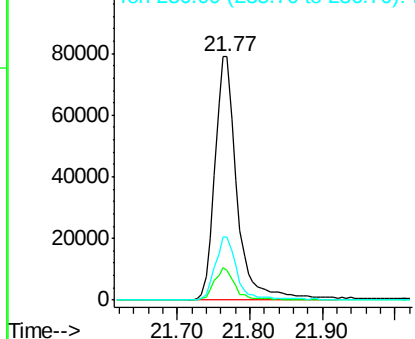


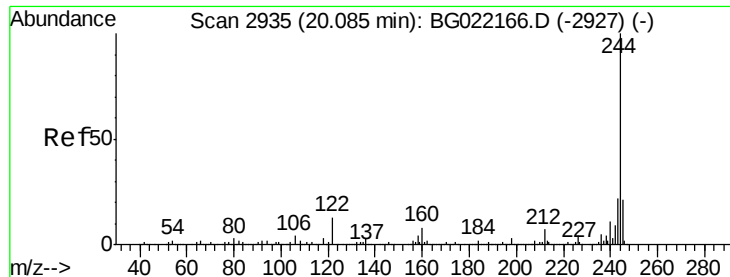
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG022219.D
Acq: 8 Jun 2016 00:48

Tgt Ion:240 Resp: 168688
Ion Ratio Lower Upper
240 100
120 12.1 8.4 12.6
236 26.0 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: 106.35 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022219.D

Acq: 8 Jun 2016 00:48

Instrument :

BNA_G

ClientSampleId :

GW-7

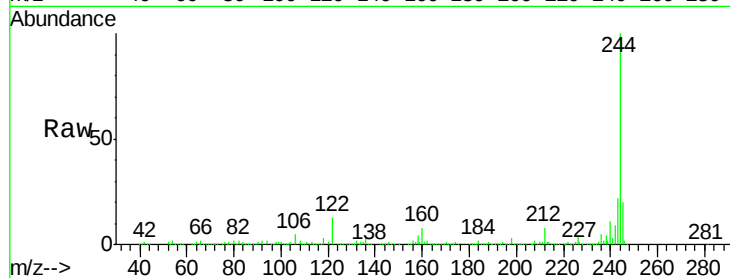
Tot Ion:244 Resp: 755636

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

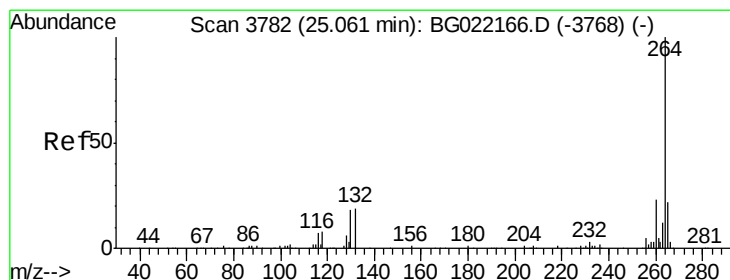
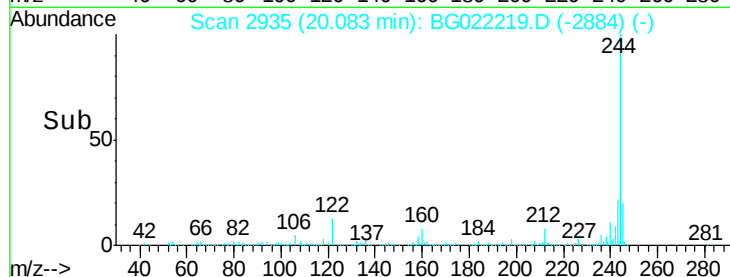
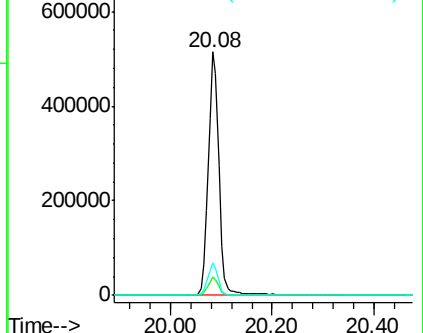
122 13.3 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022219.D

Acq: 8 Jun 2016 00:48

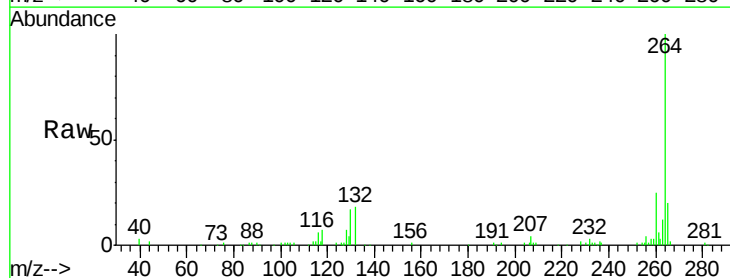
Tgt Ion:264 Resp: 162103

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.4

265 20.0 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

