

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060716\
 Data File : BG022216.D
 Acq On : 7 Jun 2016 22:48
 Operator : UM/SJ
 Sample : H3399-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-4

Quant Time: Jun 08 03:13:01 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	20905	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	101366	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	68816	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	168622	20.00	ng	0.00
75) Chrysene-d12	21.77	240	164306	20.00	ng	0.00
86) Perylene-d12	25.07	264	154553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78516	72.62	ng	0.00
7) Phenol-d6	7.27	99	72733	42.78	ng	0.00
23) Nitrobenzene-d5	9.29	82	139484	95.93	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	114307	147.00	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	430516	95.34	ng	0.00
78) Terphenyl-d14	20.08	244	706165	102.04	ng	0.00

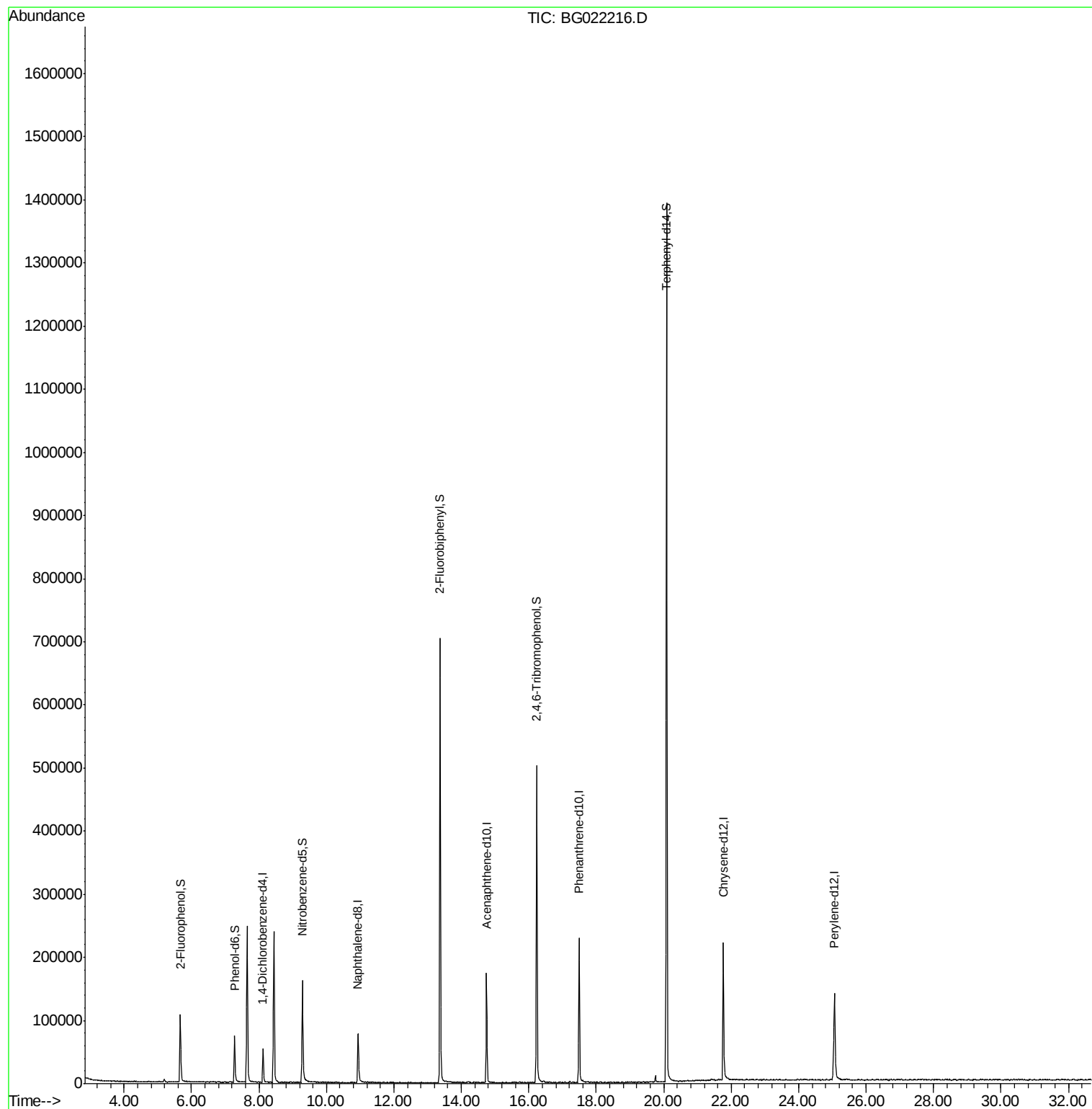
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022216.D

Acq: 7 Jun 2016 22:48

Instrument :

BNA_G

ClientSampleId :

GW-4

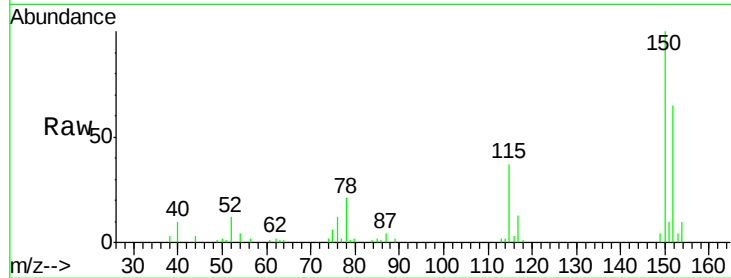
Tgt Ion:152 Resp: 20905

Ion Ratio Lower Upper

152 100

150 152.8 130.1 195.1

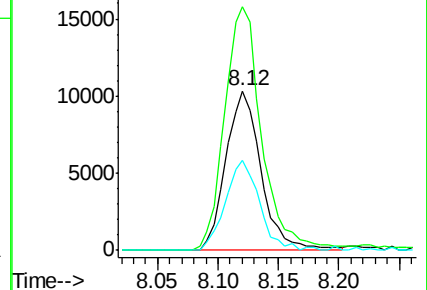
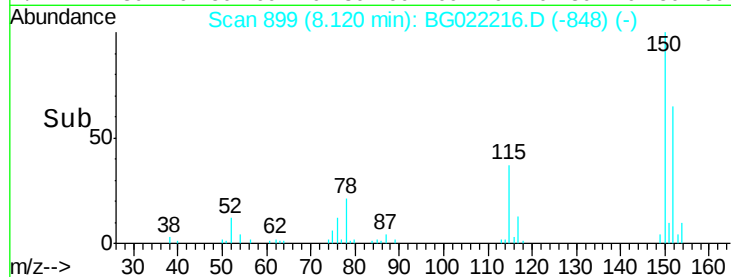
115 56.3 62.2 93.2#



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: 72.62 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022216.D

Acq: 7 Jun 2016 22:48

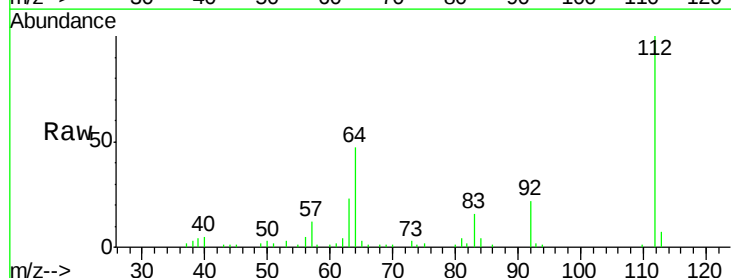
Tgt Ion:112 Resp: 78516

Ion Ratio Lower Upper

112 100

64 46.8 51.1 76.7#

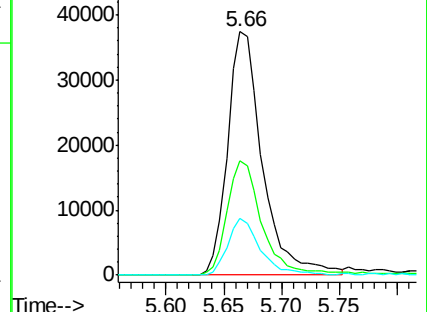
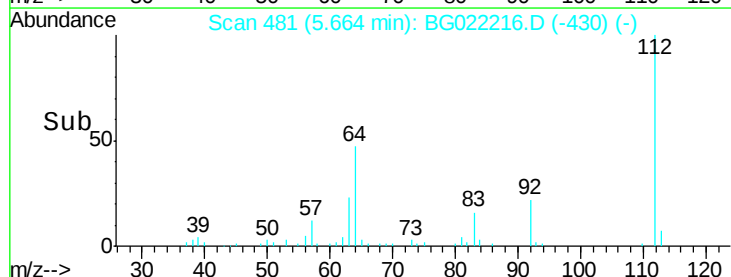
63 23.2 24.6 37.0#



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: 42.78 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022216.D

Acq: 7 Jun 2016 22:48

Instrument :

BNA_G

ClientSampleId :

GW-4

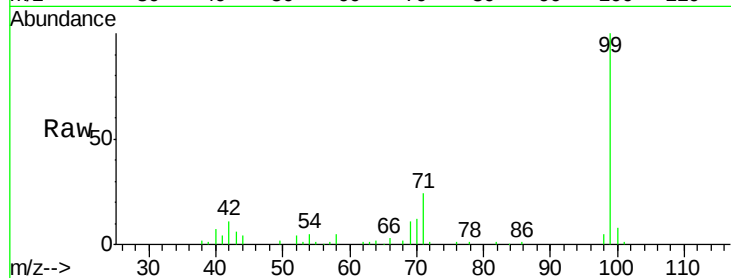
Tgt Ion: 99 Resp: 72733

Ion Ratio Lower Upper

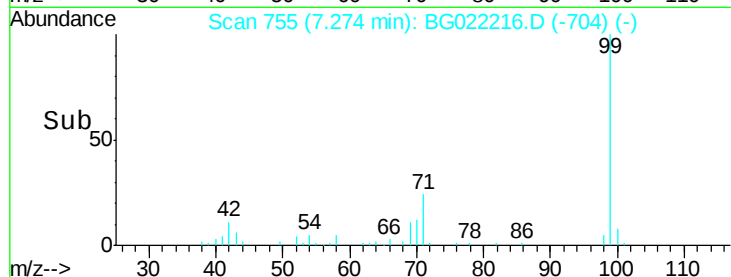
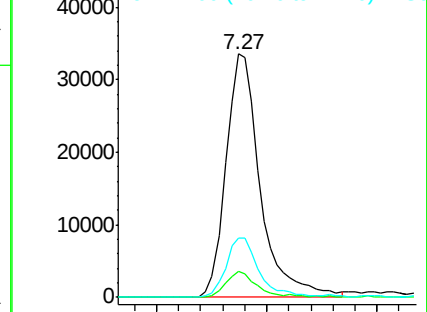
99 100

42 10.5 16.4 24.6#

71 24.4 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: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022216.D

Acq: 7 Jun 2016 22:48

Tgt Ion: 136 Resp: 101366

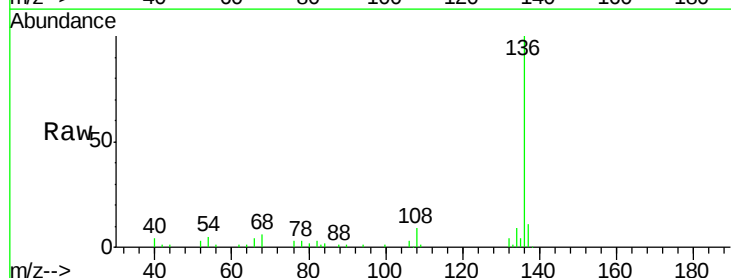
Ion Ratio Lower Upper

136 100

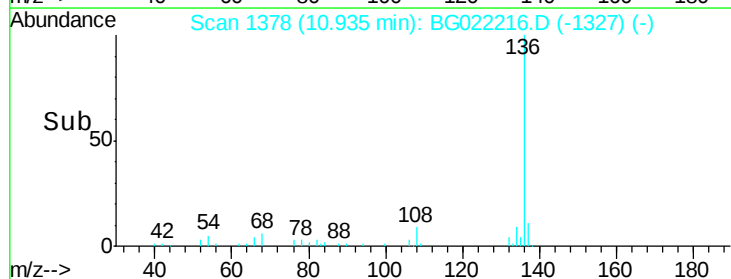
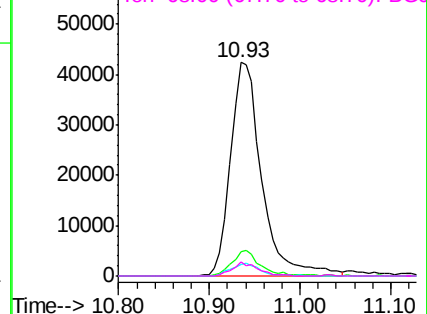
137 11.3 9.0 13.4

54 5.4 9.6 14.4#

68 6.3 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

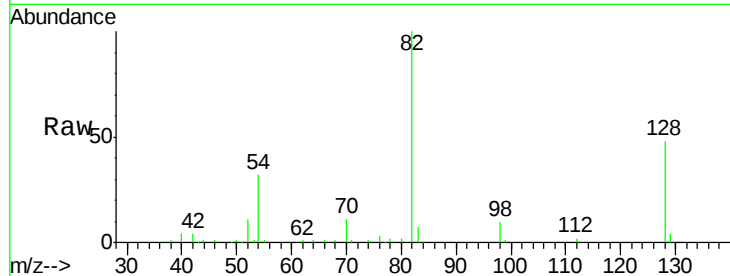




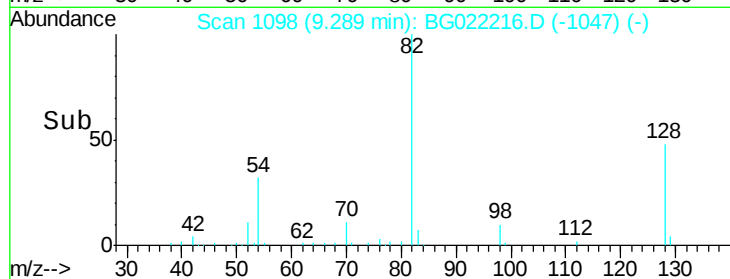
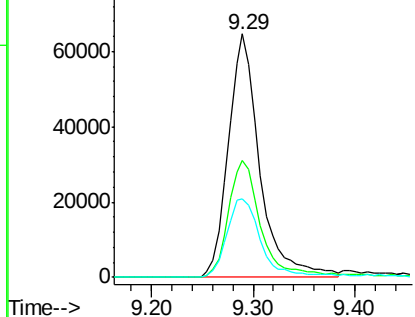
#23
 Nitrobenzene-d5
 Concen: 95.93 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022216.D
 Acq: 7 Jun 2016 22:48

Instrument :
 BNA_G
 ClientSampleId :
 GW-4

Tgt Ion: 82 Resp: 139484
 Ion Ratio Lower Upper
 82 100
 128 48.1 33.4 50.0
 54 32.2 46.1 69.1#

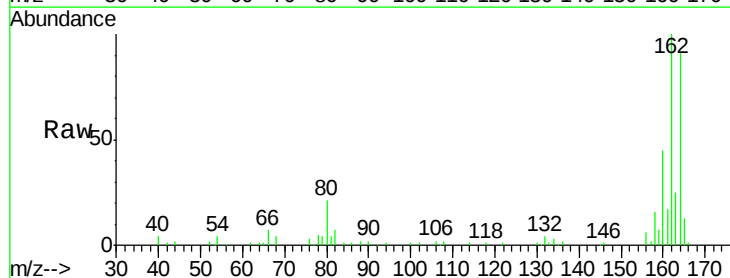


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

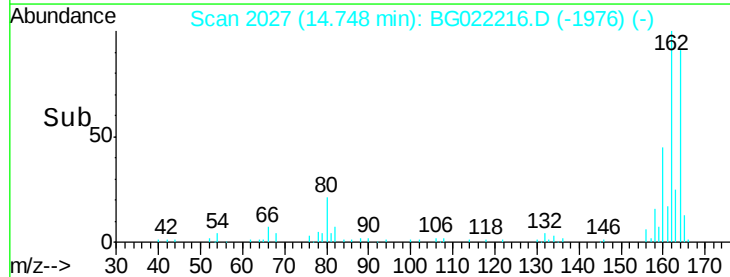
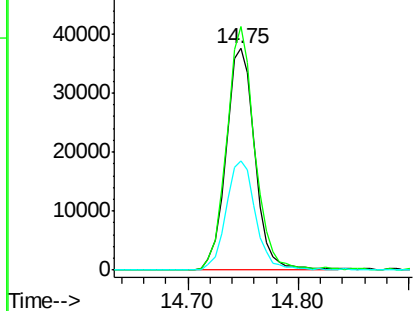


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022216.D
 Acq: 7 Jun 2016 22:48

Tgt Ion: 164 Resp: 68816
 Ion Ratio Lower Upper
 164 100
 162 109.9 78.0 117.0
 160 49.3 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

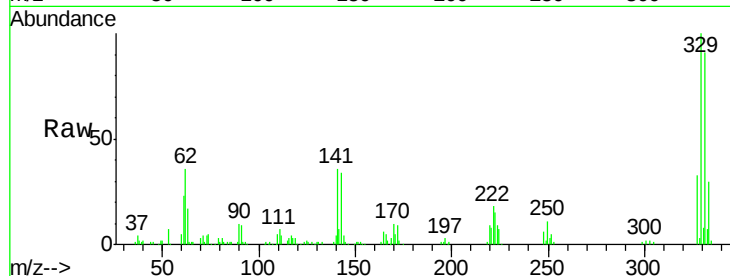




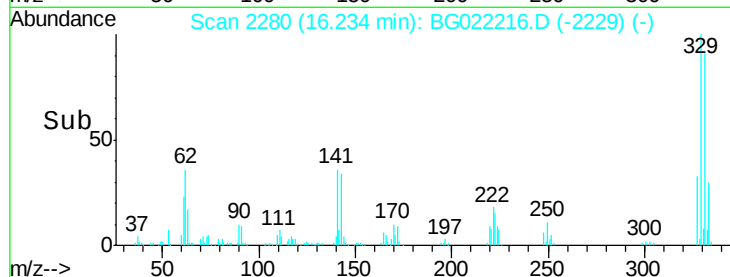
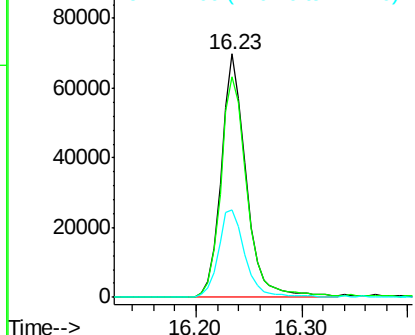
#41
 2,4,6-Tribromophenol
 Concen: 147.00 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022216.D
 Acq: 7 Jun 2016 22:48

Instrument :
 BNA_G
 ClientSampleId :
 GW-4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	38.3	33.8	50.8

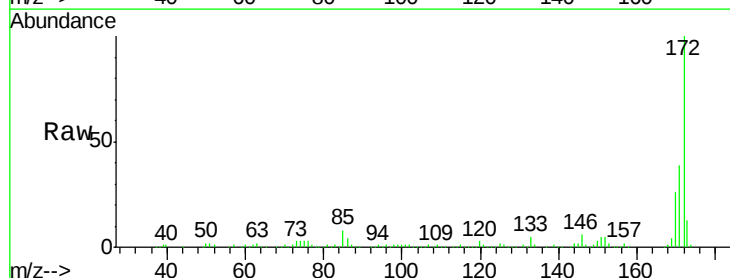


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

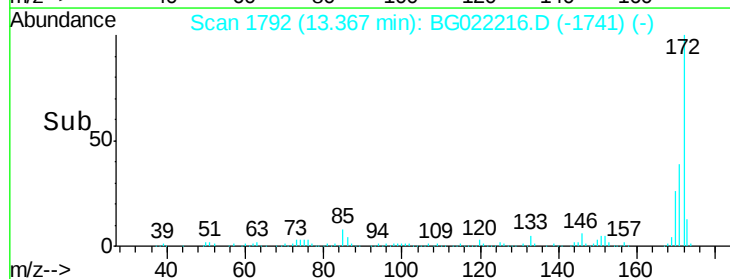
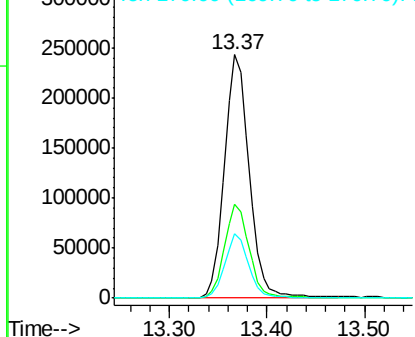


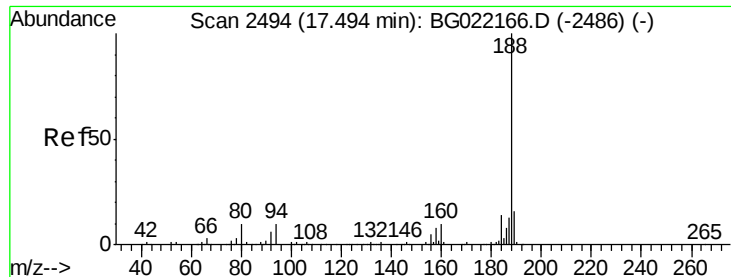
#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022216.D
 Acq: 7 Jun 2016 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.8	41.6
170	26.5	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: BG022216.D

Acq: 7 Jun 2016 22:48

Instrument :

BNA_G

ClientSampleId :

GW-4

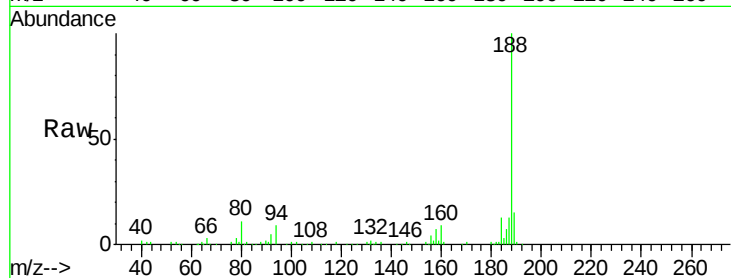
Tgt Ion:188 Resp: 168622

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

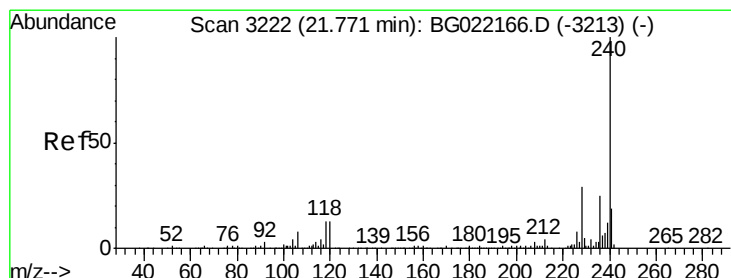
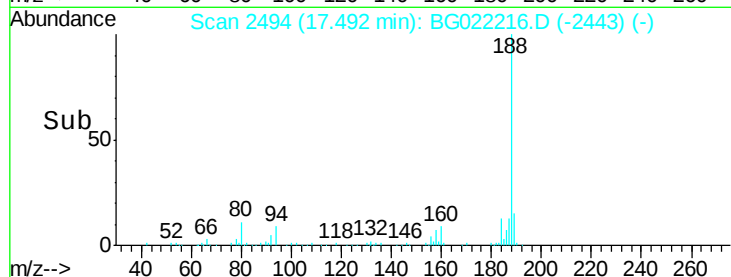
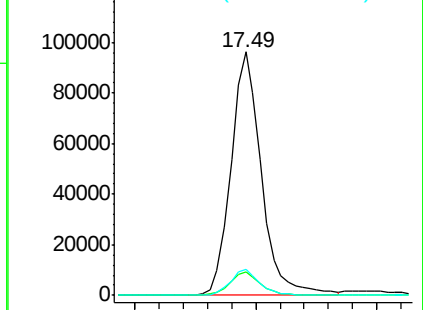
80 10.8 8.6 13.0



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: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022216.D

Acq: 7 Jun 2016 22:48

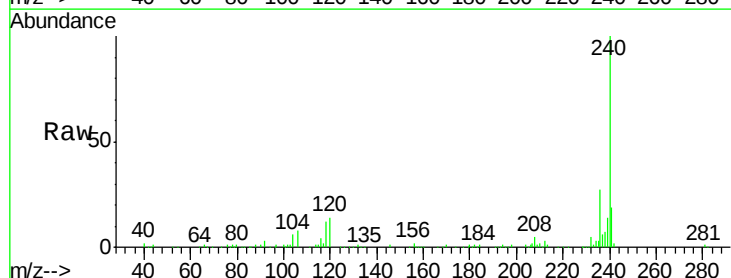
Tgt Ion:240 Resp: 164306

Ion Ratio Lower Upper

240 100

120 13.9 8.4 12.6#

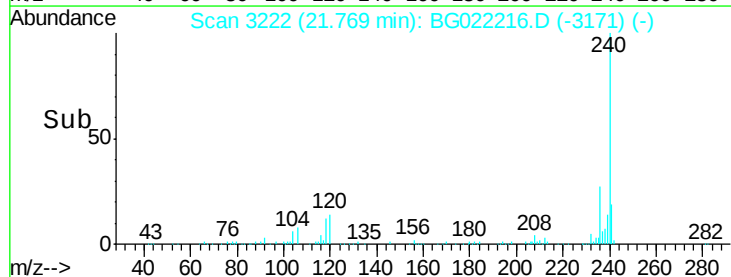
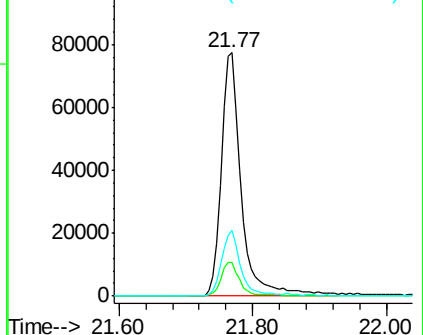
236 26.9 19.6 29.4



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: 102.04 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022216.D

Acq: 7 Jun 2016 22:48

Instrument :

BNA_G

ClientSampleId :

GW-4

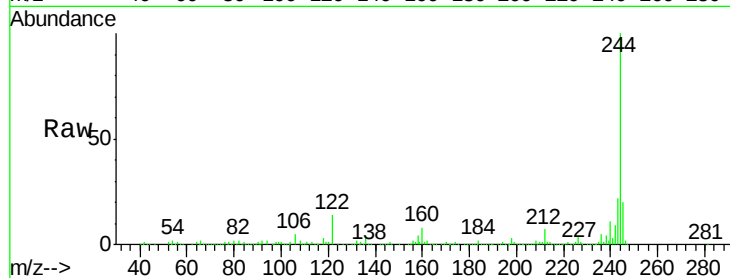
Tgt Ion:244 Resp: 706165

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

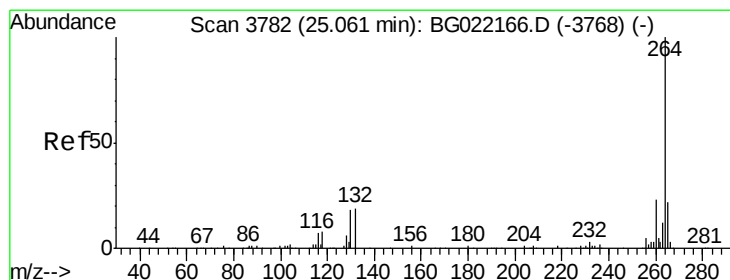
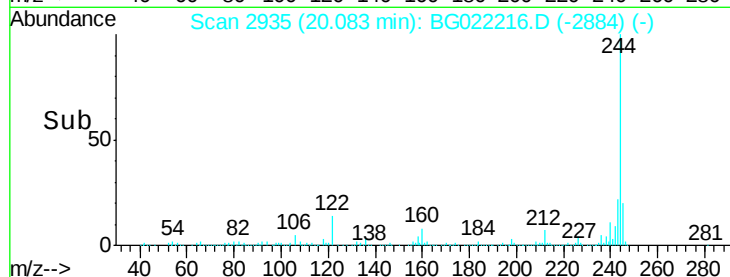
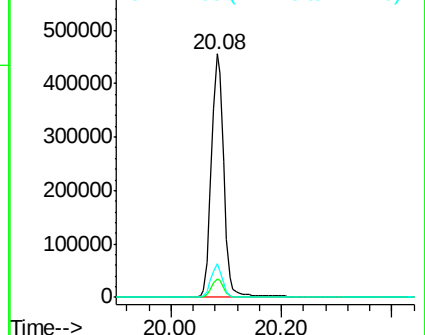
122 13.8 8.6 12.8#



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: 25.07 min Scan# 3783

Delta R.T. 0.00 min

Lab File: BG022216.D

Acq: 7 Jun 2016 22:48

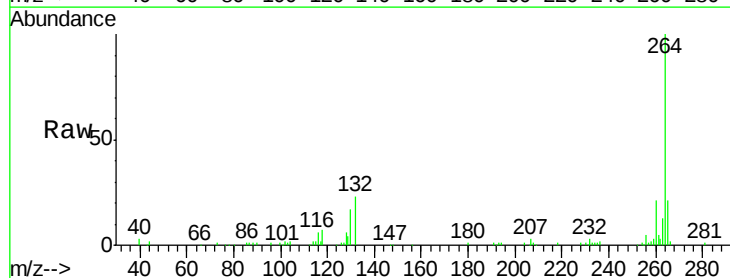
Tgt Ion:264 Resp: 154553

Ion Ratio Lower Upper

264 100

260 21.5 20.2 30.4

265 21.1 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

