

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022246.D
 Acq On : 8 Jun 2016 23:23
 Operator : UM/SJ
 Sample : H3381-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Quant Time: Jun 09 06:36:31 2016
 Quant Title :
 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	33579	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	158401	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	96051	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	195282	20.00	ng	0.00
75) Chrysene-d12	21.76	240	175454	20.00	ng	-0.01
86) Perylene-d12	25.06	264	164050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	124212	71.52	ng	0.00
7) Phenol-d6	7.28	99	108398	39.70	ng	0.00
23) Nitrobenzene-d5	9.29	82	238485	104.97	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	155480	143.26	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	659995	104.72	ng	0.00
78) Terphenyl-d14	20.09	244	773644	104.68	ng	0.00

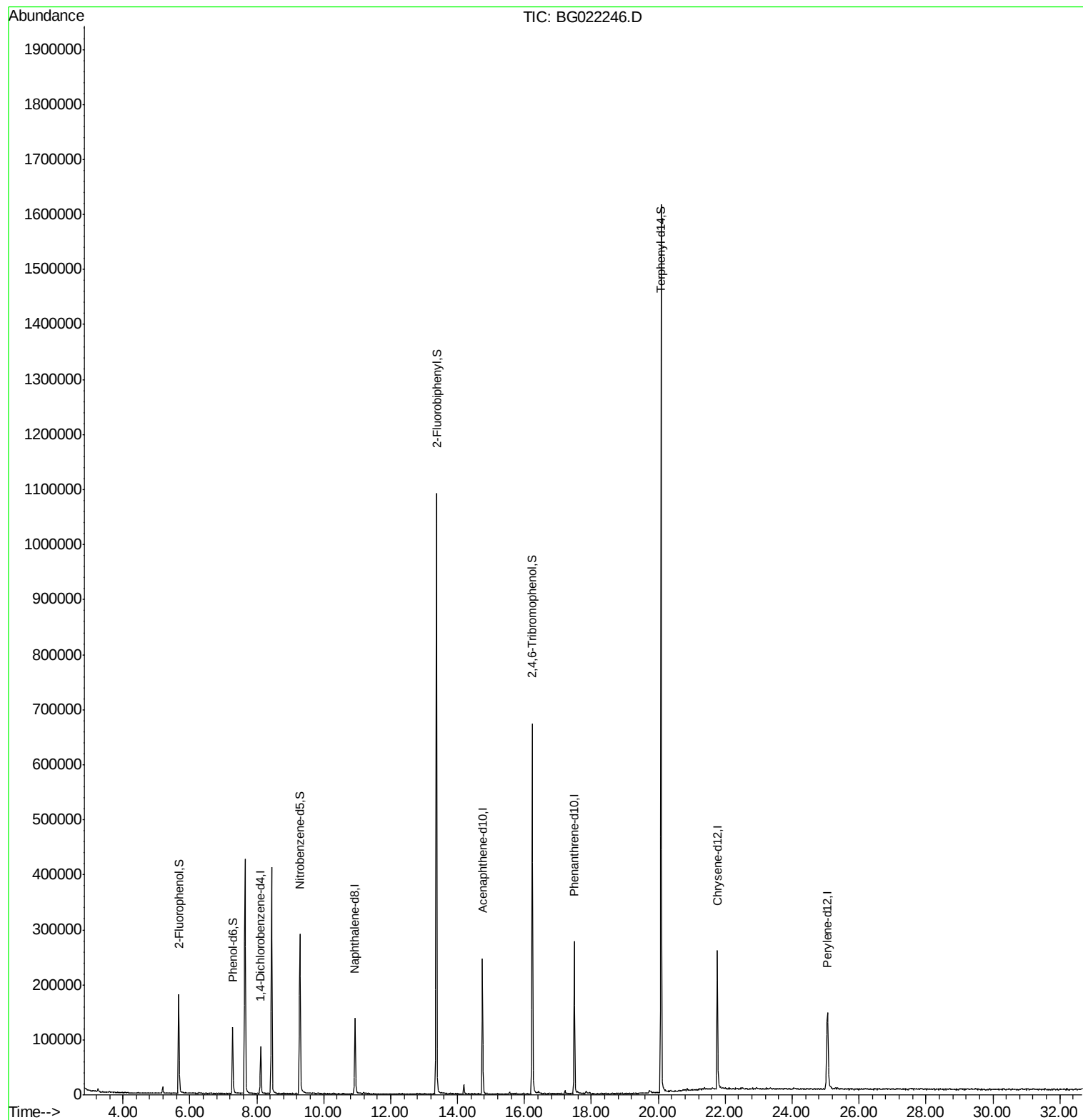
Target Compounds Ovalue

(#) = 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# 898

Delta R.T. -0.01 min

Lab File: BG022246.D

Acq: 8 Jun 2016 23:23

Instrument :

BNA_G

ClientSampleId :

W-35

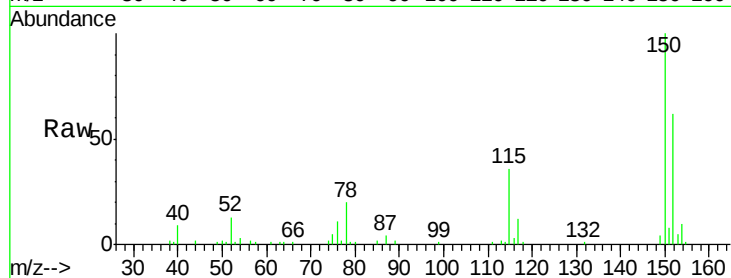
Tot Ion:152 Resp: 33579

Ion Ratio Lower Upper

152 100

150 161.9 130.1 195.1

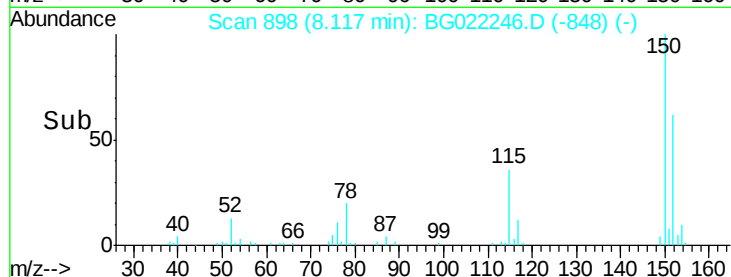
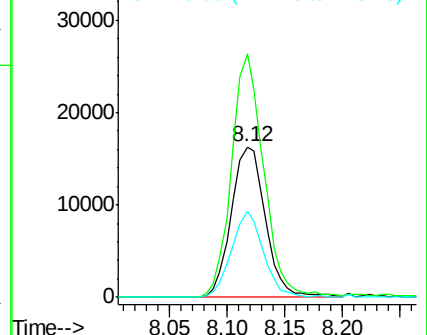
115 57.6 62.2 93.2#



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: 71.52 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022246.D

Acq: 8 Jun 2016 23:23

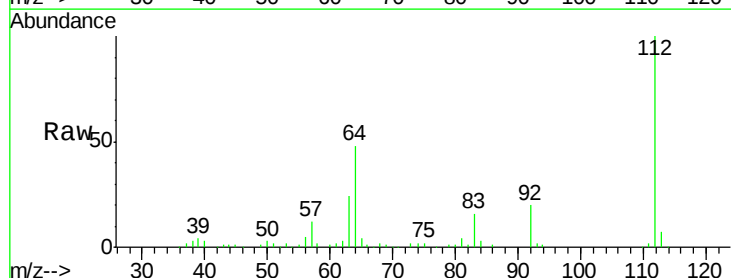
Tgt Ion:112 Resp: 124212

Ion Ratio Lower Upper

112 100

64 48.3 51.1 76.7#

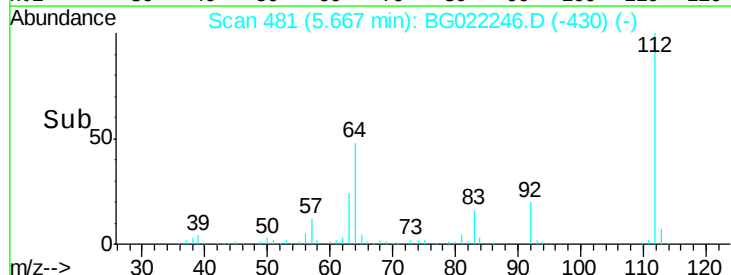
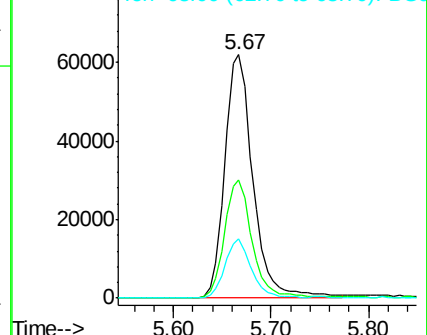
63 24.3 24.6 37.0#



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: 39.70 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022246.D

Acq: 8 Jun 2016 23:23

Instrument :

BNA_G

ClientSampleId :

W-35

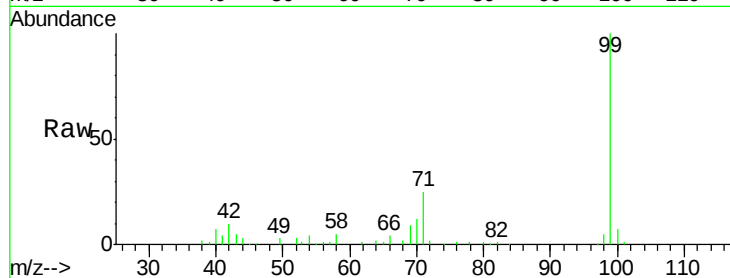
Tot Ion: 99 Resp: 108398

Ion Ratio Lower Upper

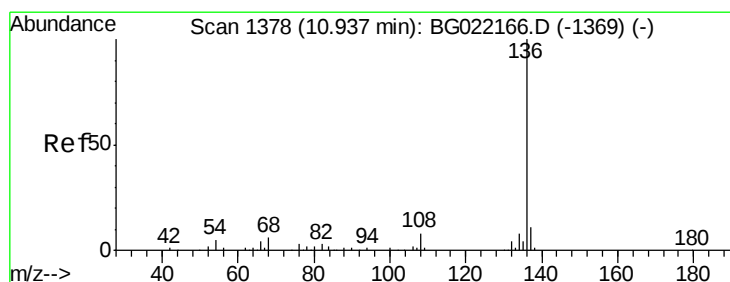
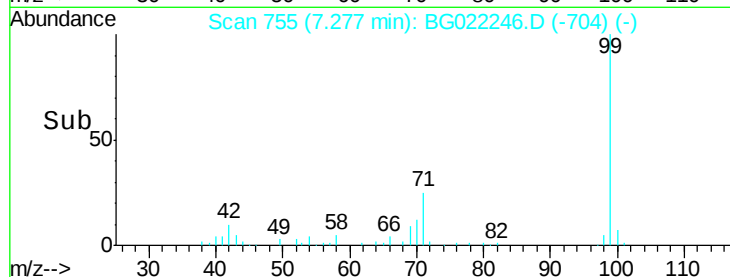
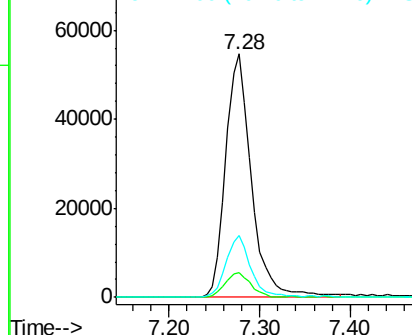
99 100

42 10.0 16.4 24.6#

71 25.4 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: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG022246.D

Acq: 8 Jun 2016 23:23

Tgt Ion: 136 Resp: 158401

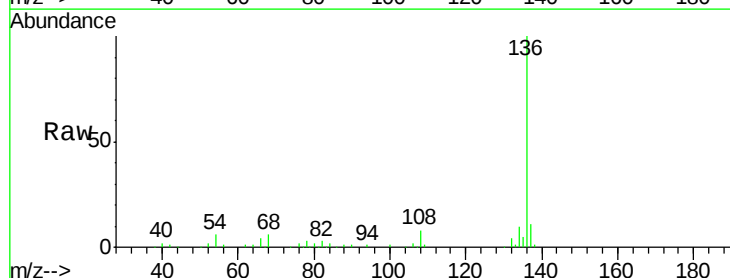
Ion Ratio Lower Upper

136 100

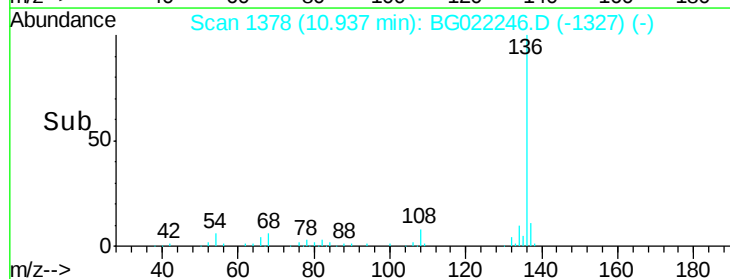
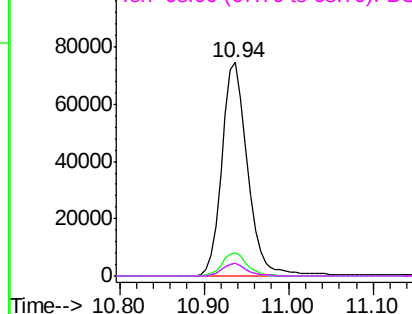
137 10.6 9.0 13.4

54 5.8 9.6 14.4#

68 5.8 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

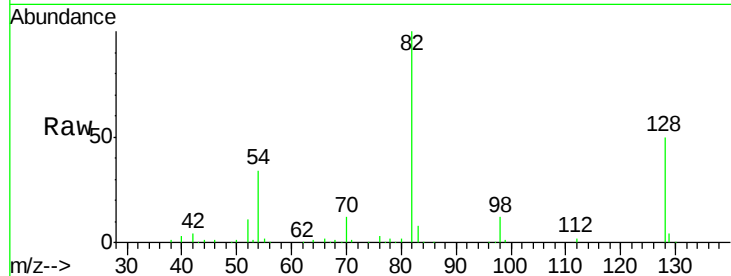




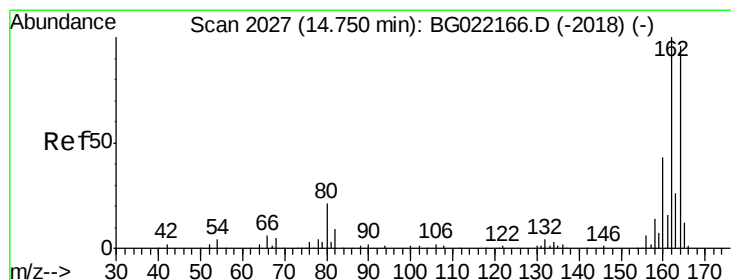
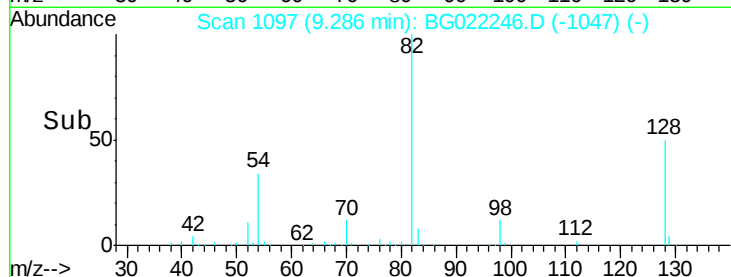
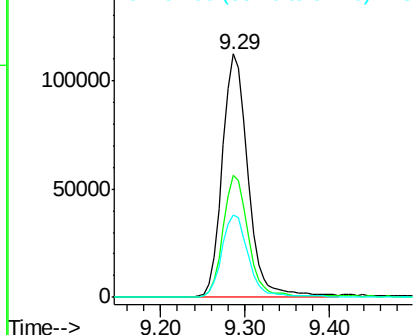
#23
Nitrobenzene-d5
Concen: 104.97 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG022246.D
Acq: 8 Jun 2016 23:23

Instrument :
BNA_G
ClientSampleId :
W-35

Tot Ion	82	Resp	238485
Ion Ratio	100	Lower	Upper
128	50.0	33.4	50.0
54	33.7	46.1	69.1

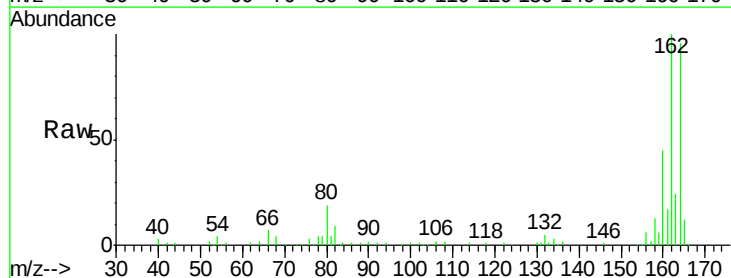


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

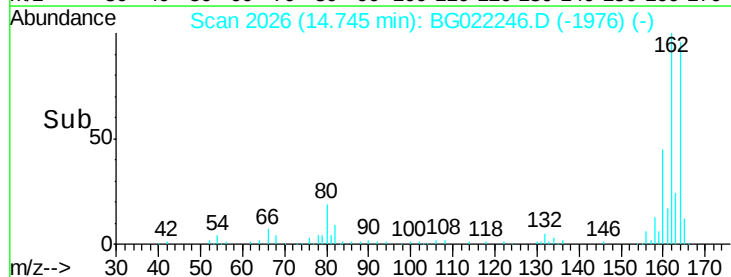
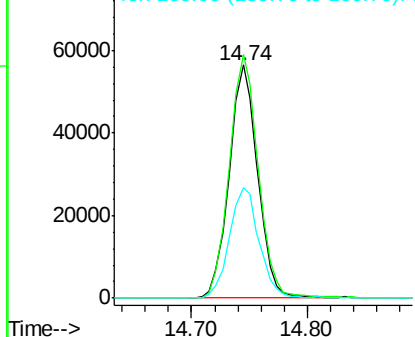


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022246.D
Acq: 8 Jun 2016 23:23

Tgt Ion	164	Resp	96051
Ion Ratio	100	Lower	Upper
162	104.5	78.0	117.0
160	47.2	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

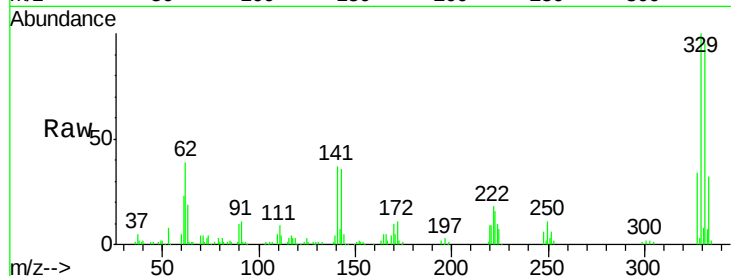




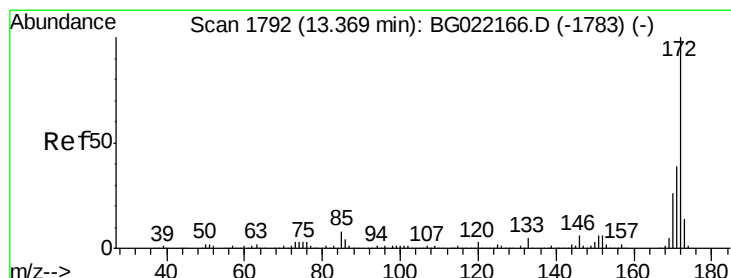
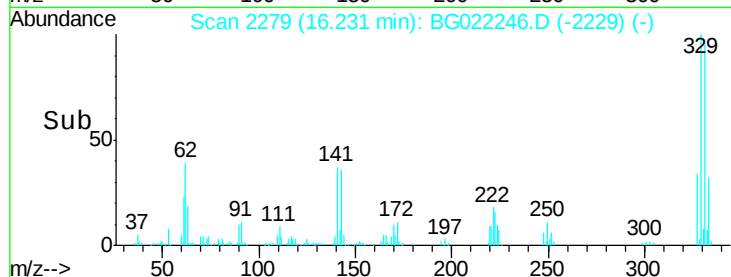
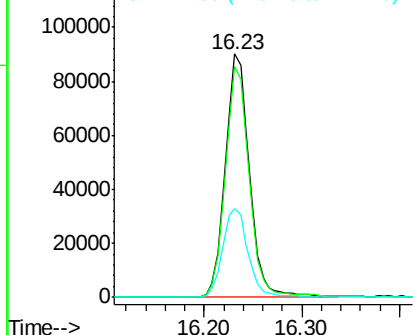
#41
 2,4,6-Tribromophenol
 Concen: 143.26 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022246.D
 Acq: 8 Jun 2016 23:23

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.0	117.0
141	38.0	33.8	50.8

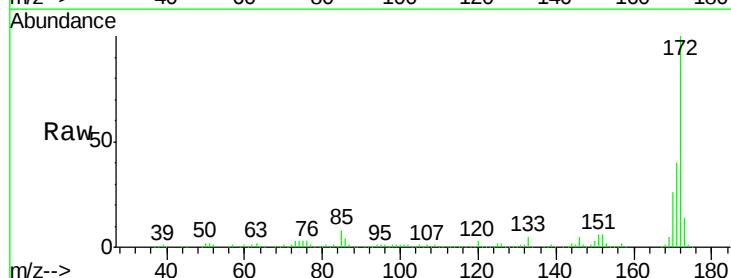


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

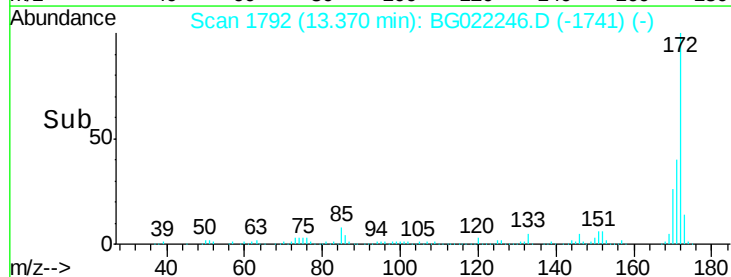
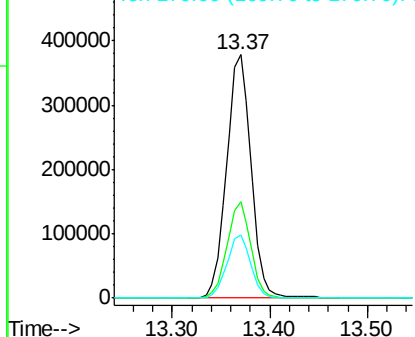


#44
 2-Fluorobiphenyl
 Concen: 104.72 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022246.D
 Acq: 8 Jun 2016 23:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	27.8	41.6
170	26.0	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

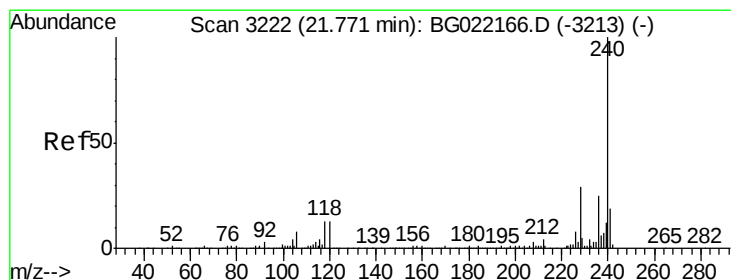
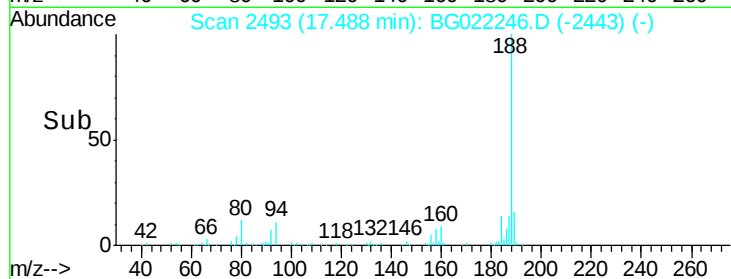
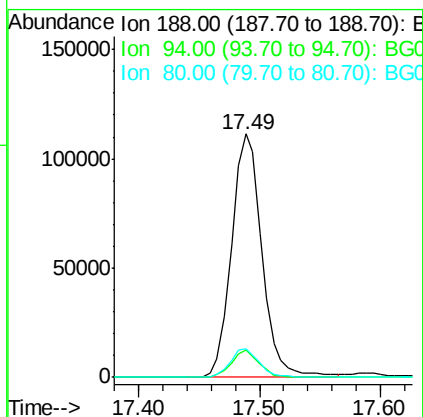
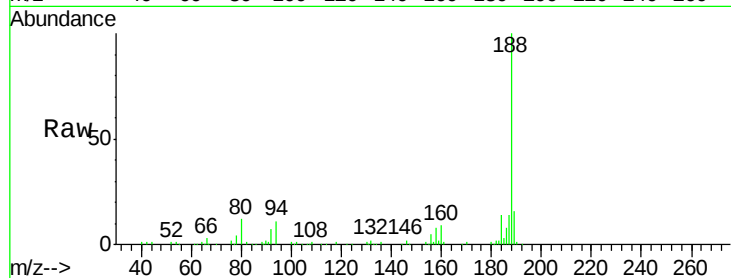




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022246.D
Acq: 8 Jun 2016 23:23

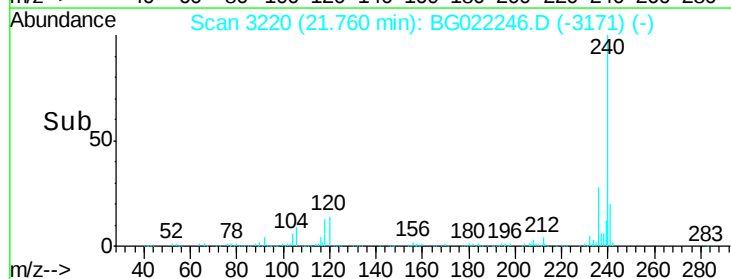
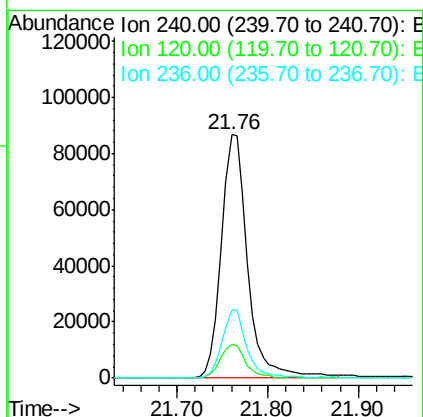
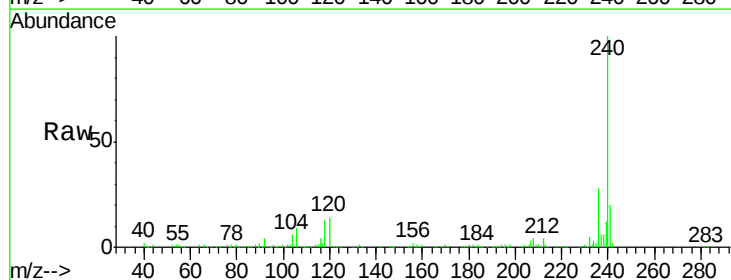
Instrument :
BNA_G
ClientSampled :
W-35

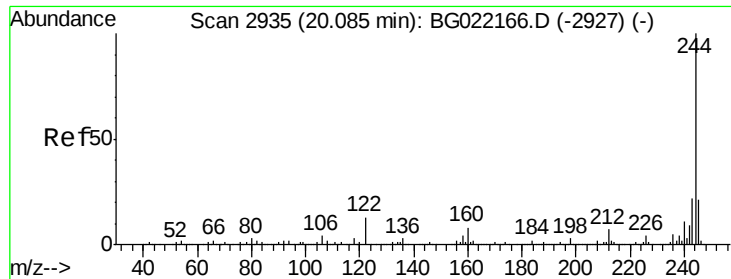
Tot Ion:188 Resp: 195282
Ion Ratio Lower Upper
188 100
94 11.3 7.5 11.3#
80 11.6 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG022246.D
Acq: 8 Jun 2016 23:23

Tgt Ion:240 Resp: 175454
Ion Ratio Lower Upper
240 100
120 13.8 8.4 12.6#
236 28.2 19.6 29.4





#78

Terphenyl-d14

Concen: 104.68 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022246.D

Acq: 8 Jun 2016 23:23

Instrument :

BNA_G

ClientSampleId :

W-35

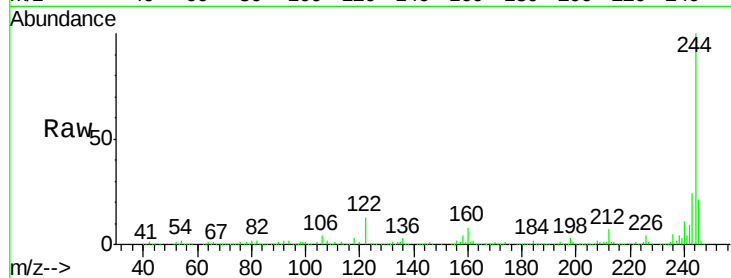
Tot Ion:244 Resp: 773644

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

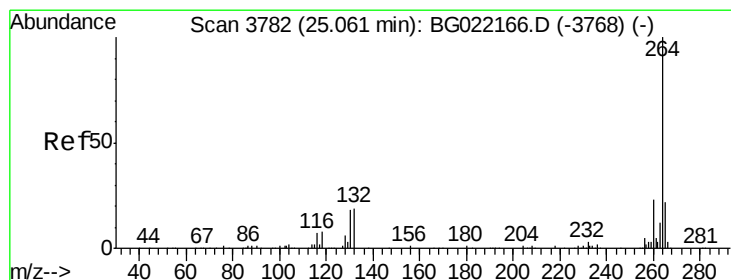
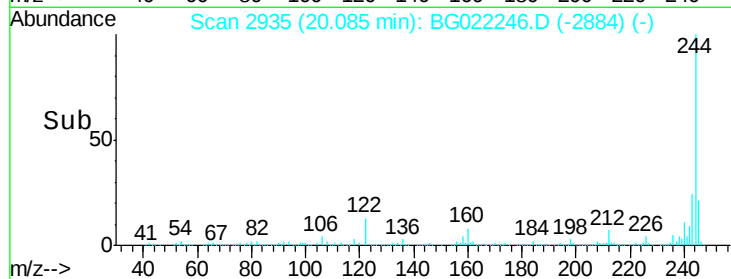
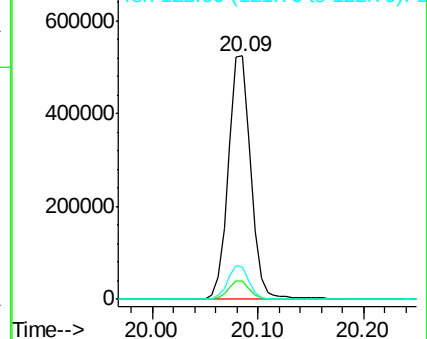
122 13.3 8.6 12.8#



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# 3781

Delta R.T. -0.01 min

Lab File: BG022246.D

Acq: 8 Jun 2016 23:23

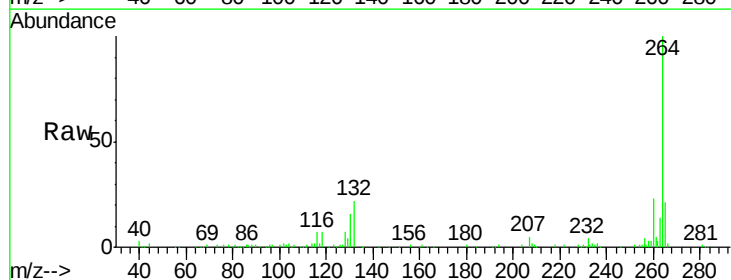
Tgt Ion:264 Resp: 164050

Ion Ratio Lower Upper

264 100

260 23.2 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

