

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027267.D
 Acq On : 7 Jun 2017 2:42
 Operator : SJ/MA
 Sample : I3469-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

Quant Time: Jun 07 05:20:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53434	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	264637	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	181622	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	412365	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	418283	20.00	ng	-0.03
86) Perylene-d12	25.98	264	392215	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	266479	76.10	ng	-0.01
7) Phenol-d6	7.69	99	244242	47.52	ng	-0.01
23) Nitrobenzene-d5	9.73	82	473294	112.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	388140	162.29	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1209893	93.19	ng	-0.02
78) Terphenyl-d14	20.47	244	1609372	98.15	ng	-0.02

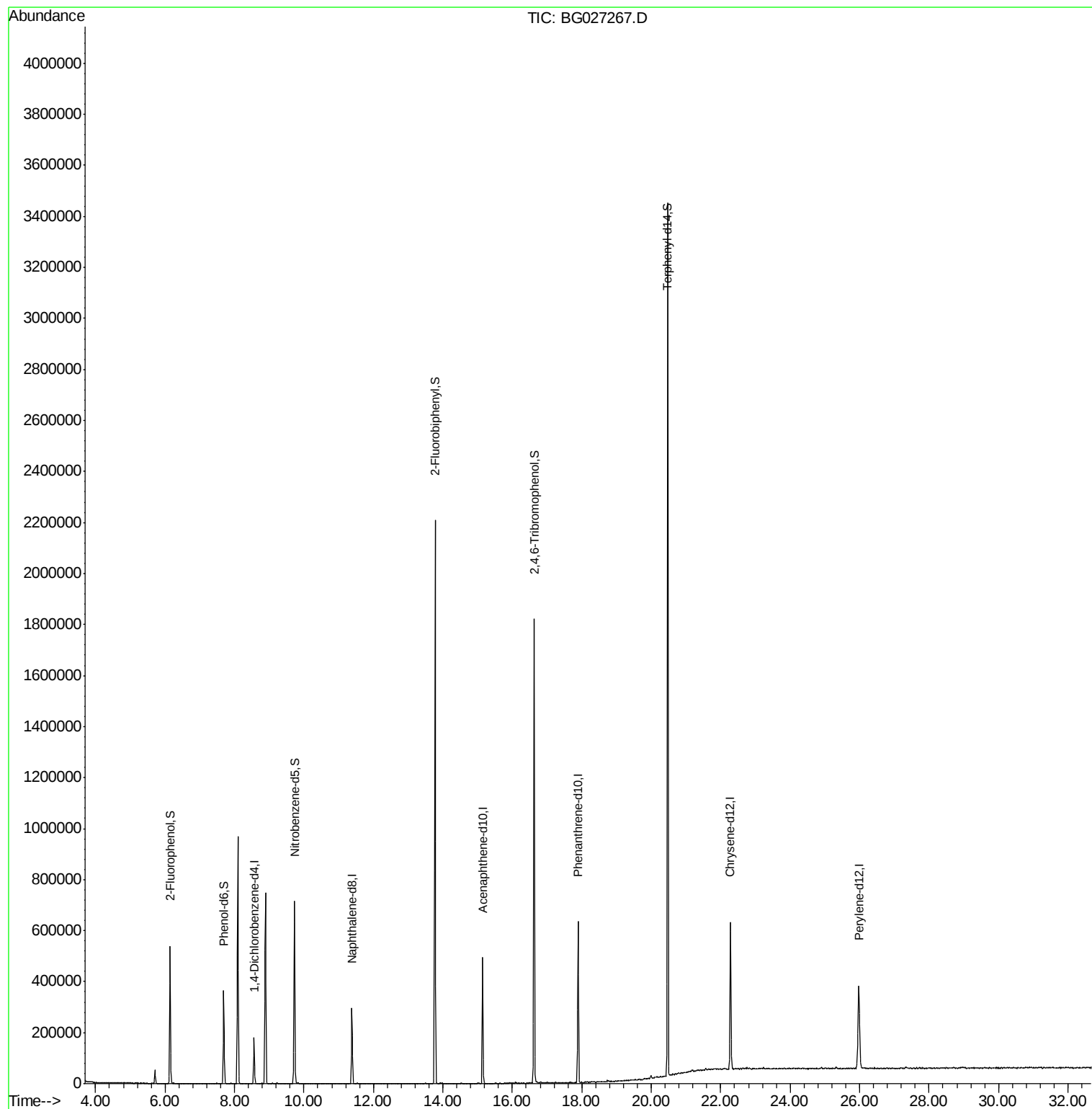
Target Compounds Qvalue

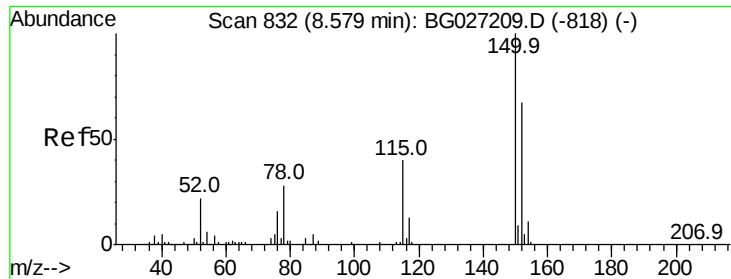
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

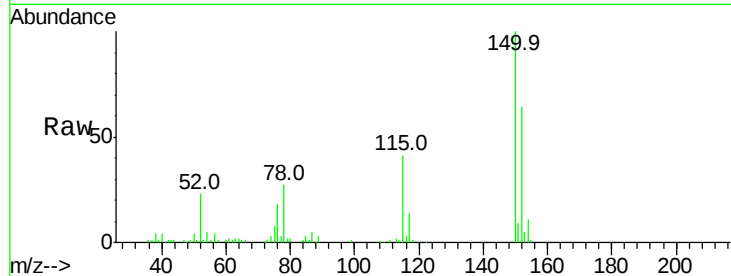
Tot Ion:152 Resp: 53434

Ion Ratio Lower Upper

152 100

150 155.2 114.0 171.0

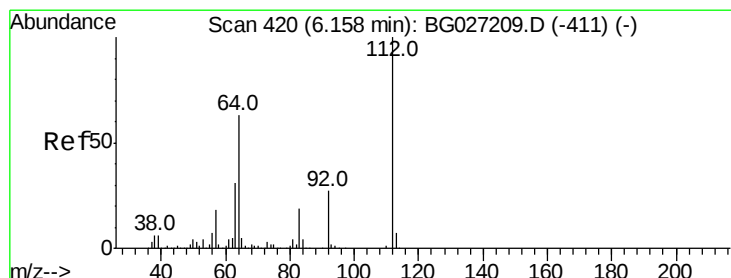
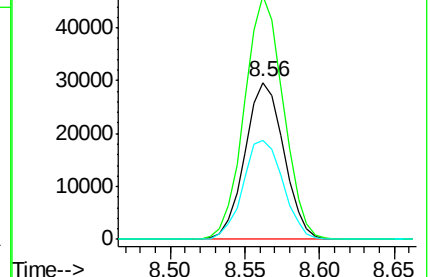
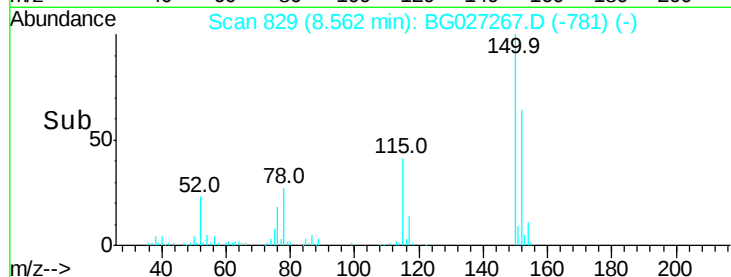
115 62.9 48.1 72.1



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: 76.10 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

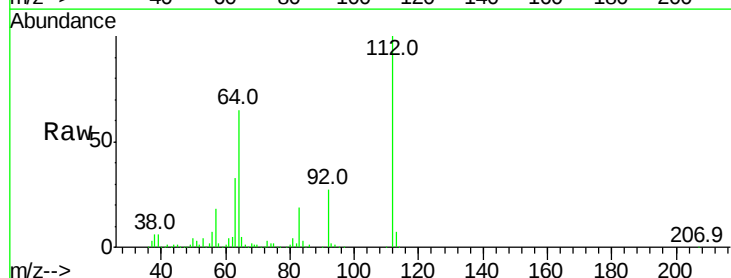
Tgt Ion:112 Resp: 266479

Ion Ratio Lower Upper

112 100

64 65.1 61.8 92.6

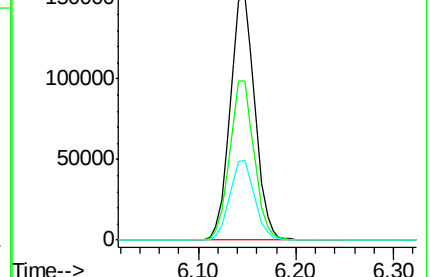
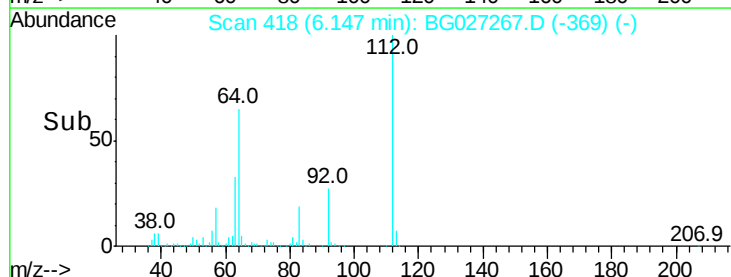
63 33.0 37.2 55.8#

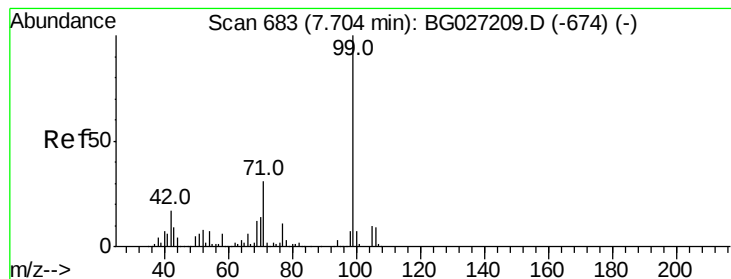


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.52 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

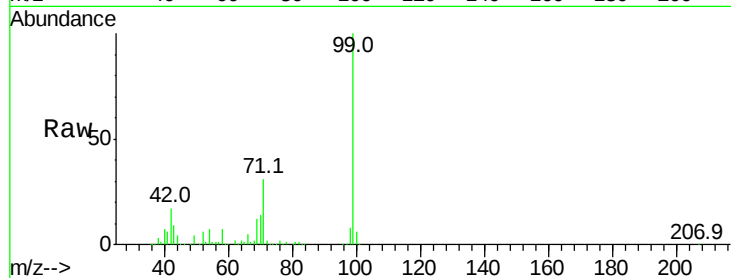
Tot Ion: 99 Resp: 244242

Ion Ratio Lower Upper

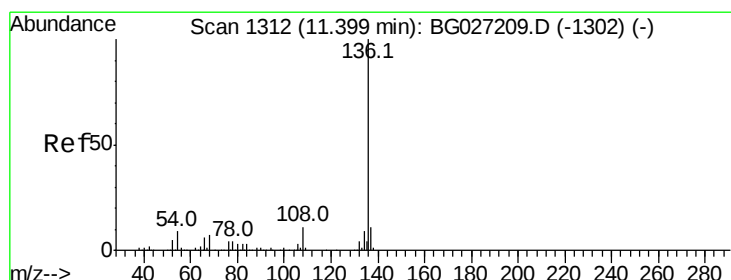
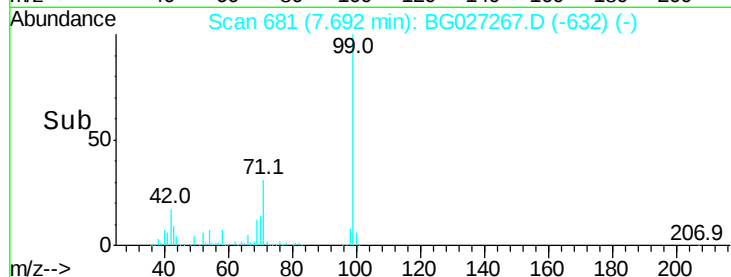
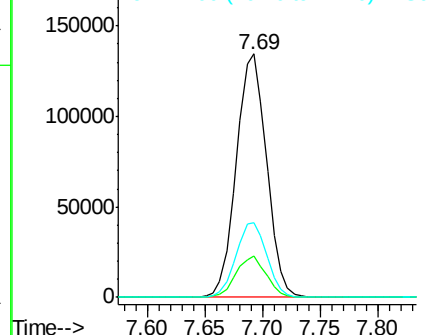
99 100

42 17.1 20.5 30.7#

71 30.8 37.6 56.4#



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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Tgt Ion: 136 Resp: 264637

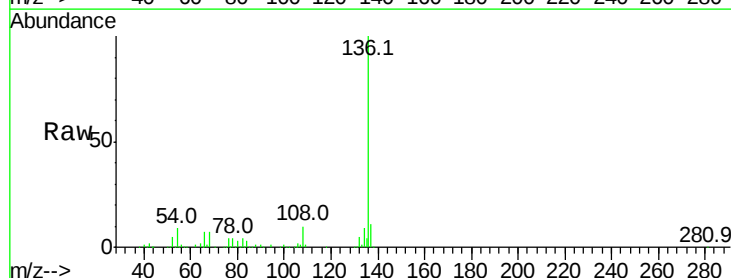
Ion Ratio Lower Upper

136 100

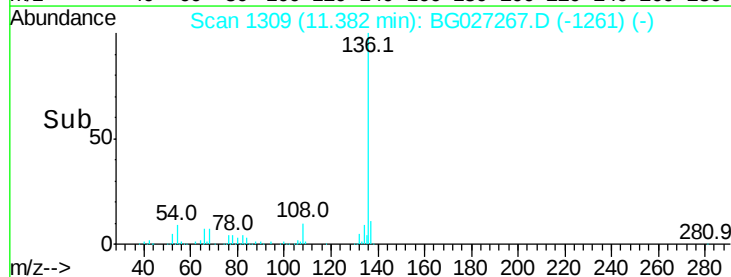
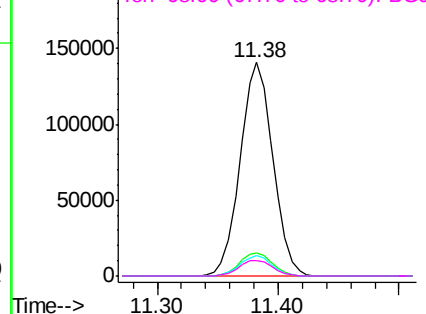
137 11.0 8.9 13.3

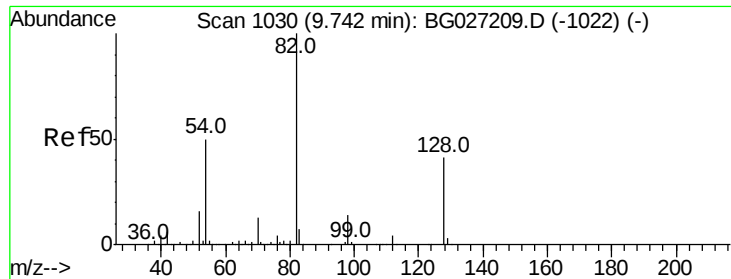
54 9.5 9.3 13.9

68 7.2 5.1 7.7



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

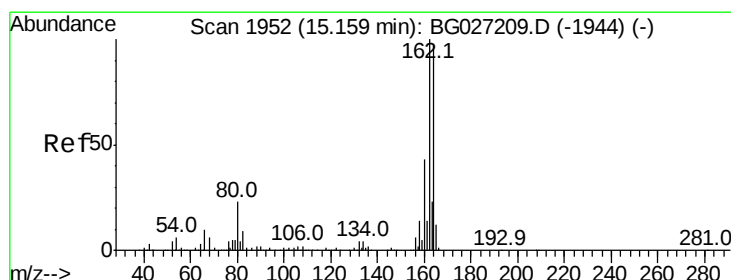
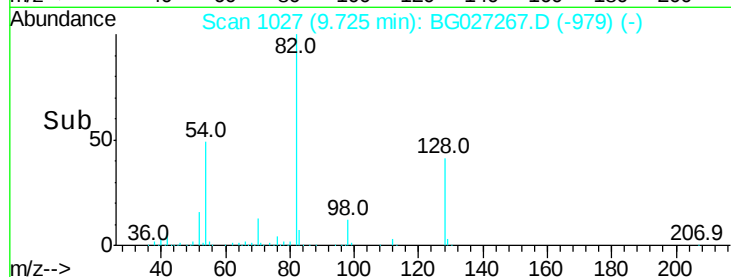
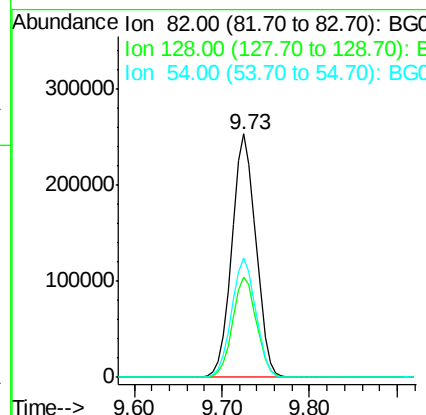
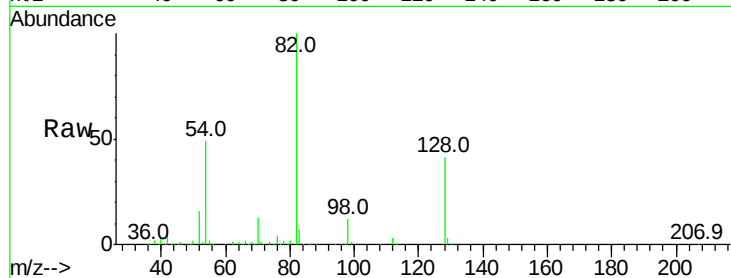




#23
 Nitrobenzene-d5
 Concen: 112.48 ng
 RT: 9.73 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

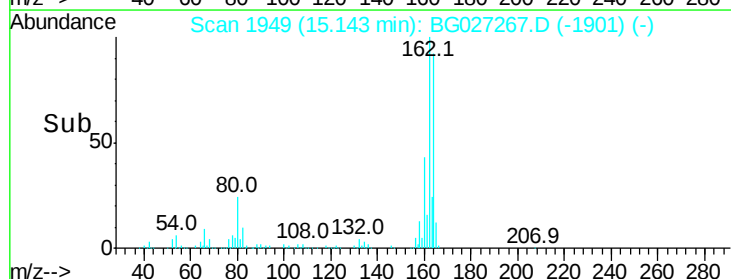
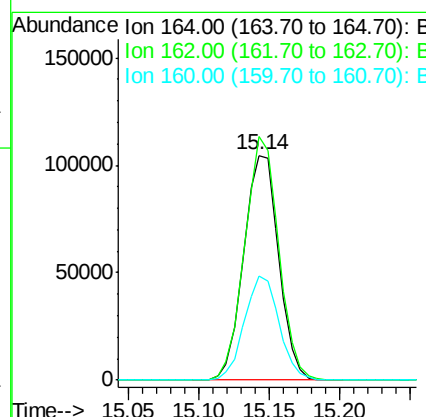
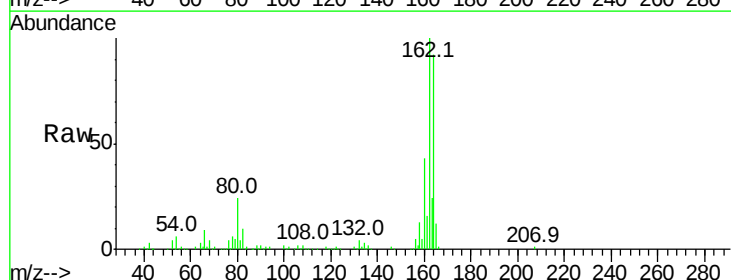
Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

Tot Ion: 82 Resp: 473294
 Ion Ratio Lower Upper
 82 100
 128 41.1 26.4 39.6#
 54 49.0 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

Tgt Ion:164 Resp: 181622
 Ion Ratio Lower Upper
 164 100
 162 108.3 85.1 127.7
 160 46.1 34.7 52.1

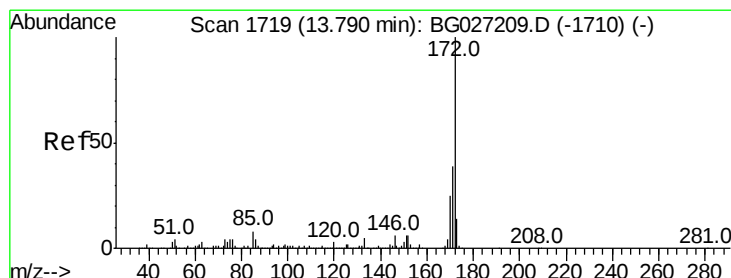
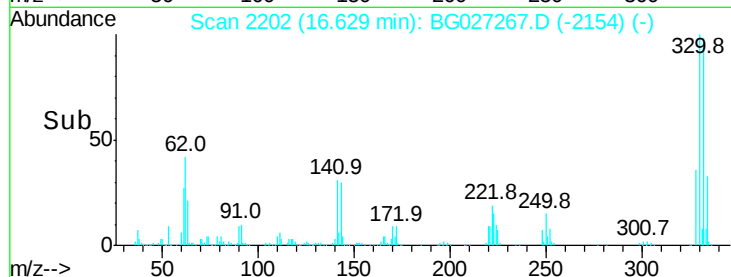
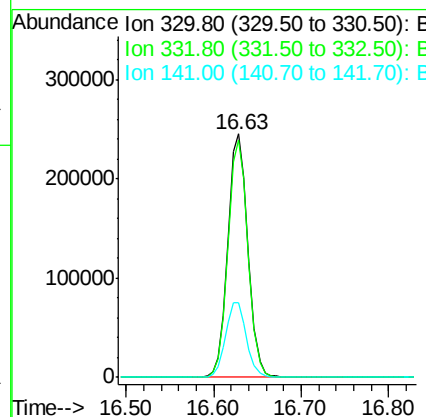
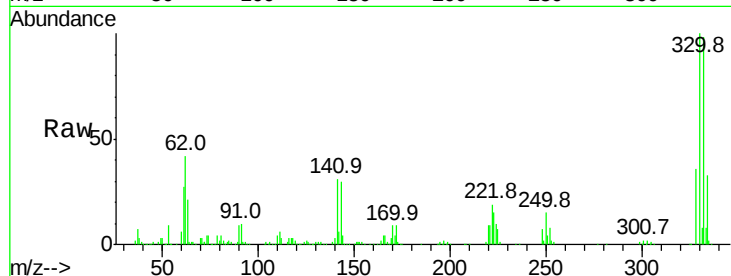




#41
 2,4,6-Tribromophenol
 Concen: 162.29 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

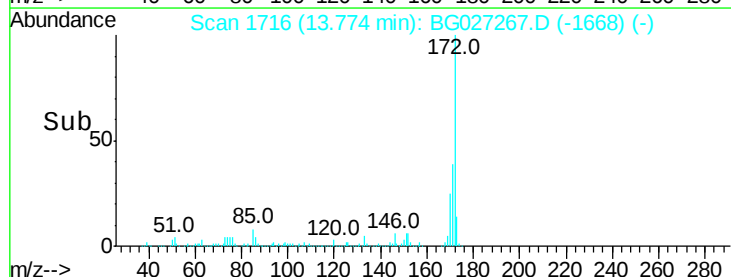
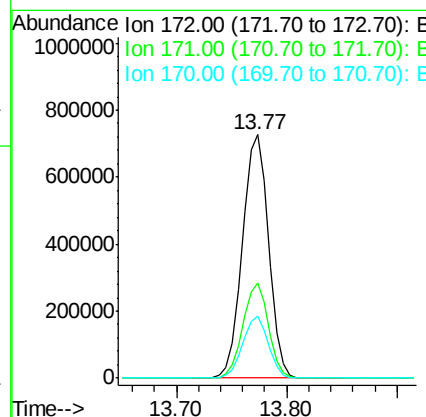
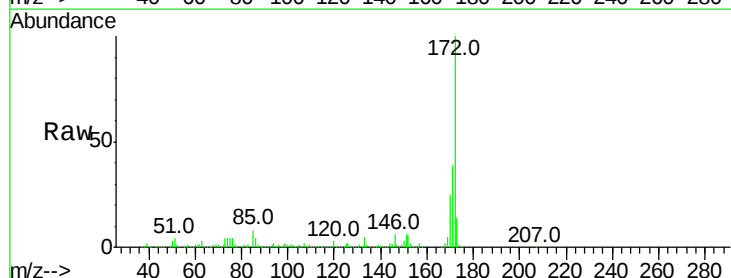
Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

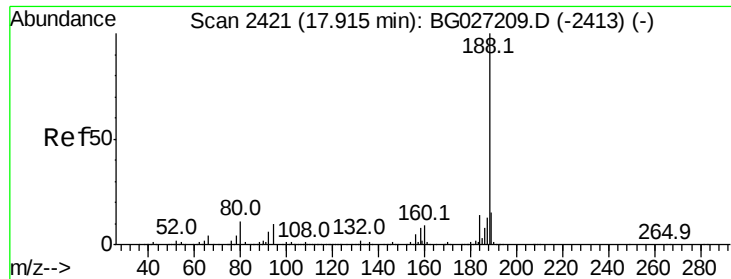
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	25.2	21.8	32.6

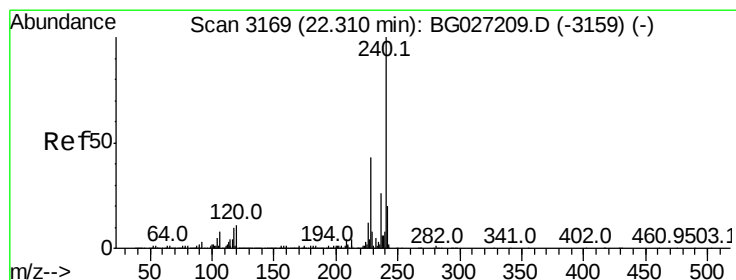
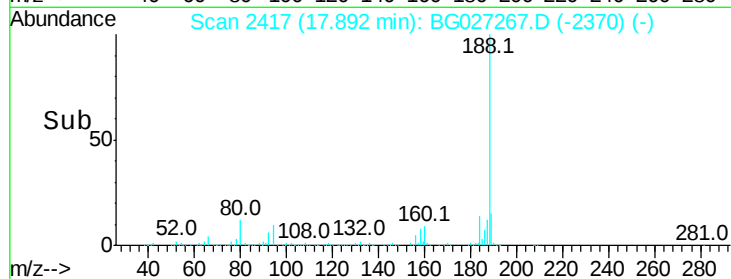
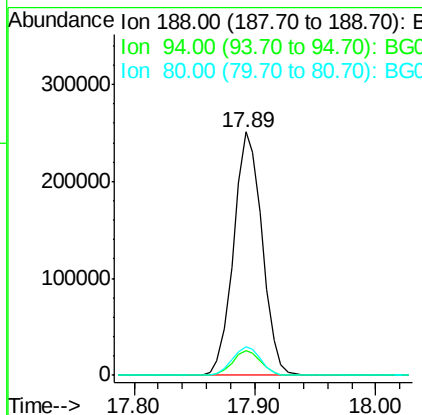
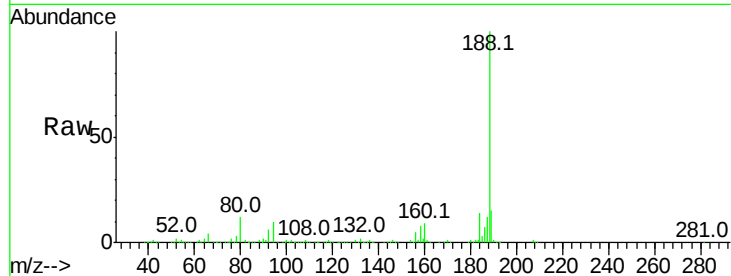




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027267.D
Acq: 7 Jun 2017 2:42

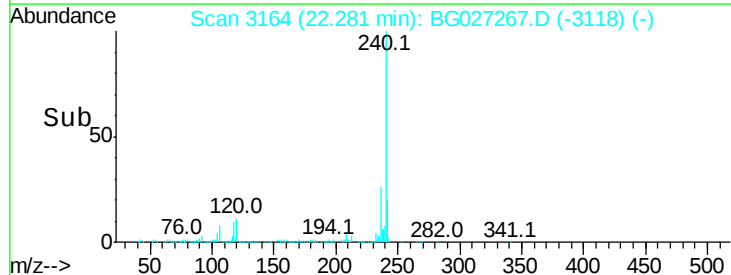
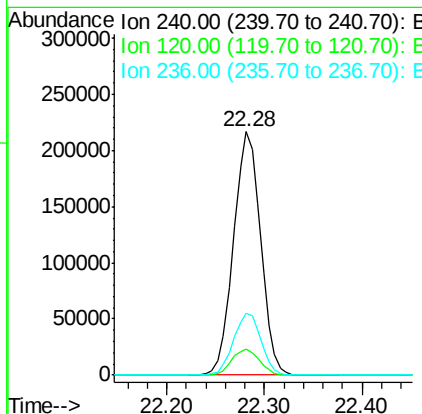
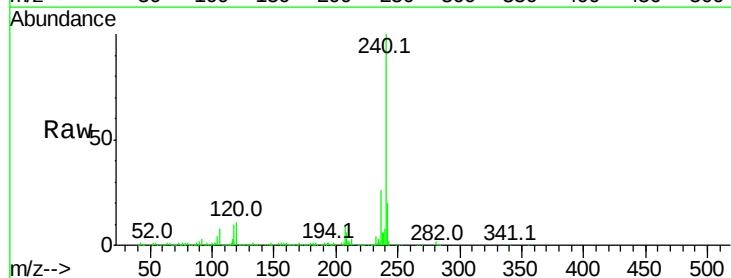
Instrument :
BNA_G
ClientSampleId :
TW-1-20170603

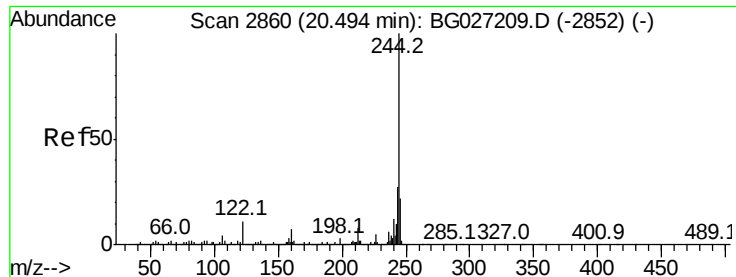
Tot Ion:188 Resp: 412365
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 12.0 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027267.D
Acq: 7 Jun 2017 2:42

Tgt Ion:240 Resp: 418283
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 25.6 22.2 33.4





#78

Terphenyl-d14

Concen: 98.15 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

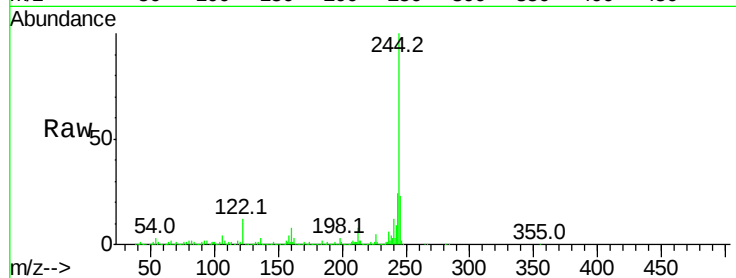
Tot Ion:244 Resp: 1609372

Ion Ratio Lower Upper

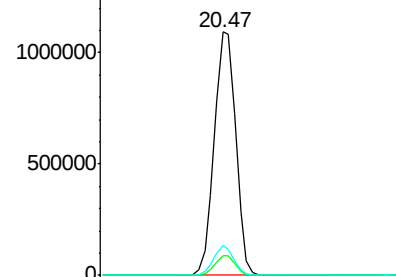
244 100

212 8.1 10.0 15.0#

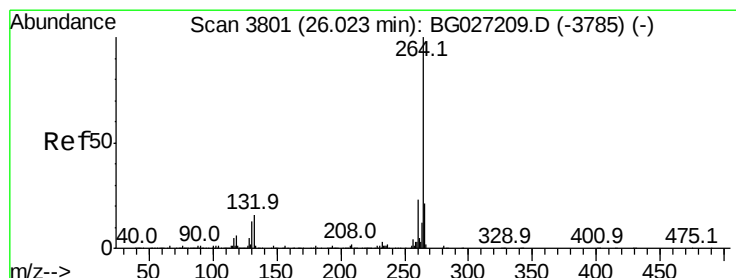
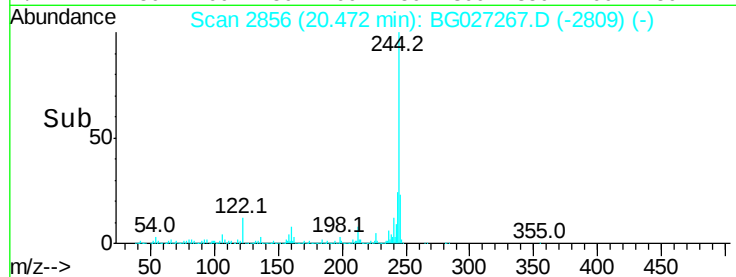
122 12.1 8.6 12.8



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



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.98 min Scan# 3793

Delta R.T. -0.05 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

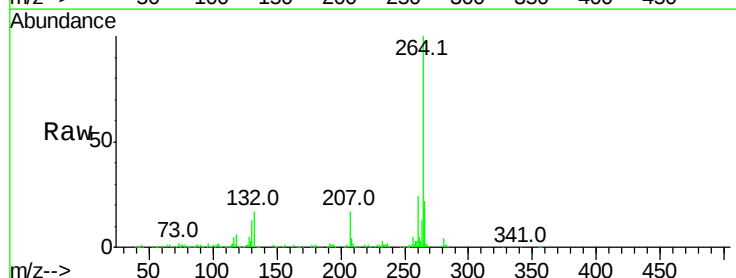
Tgt Ion:264 Resp: 392215

Ion Ratio Lower Upper

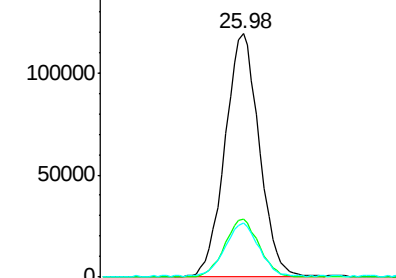
264 100

260 24.0 21.8 32.8

265 22.2 18.2 27.4



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



Time-->

