

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027339.D
 Acq On : 9 Jun 2017 6:16
 Operator : SJ/MA
 Sample : I3469-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

Quant Time: Jun 09 07:23:50 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	39245	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	182104	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	123180	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	313733	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	348676	20.00	ng	-0.04
86) Perylene-d12	25.96	264	324666	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	121832	47.37	ng	-0.02
7) Phenol-d6	7.69	99	109062	28.89	ng	-0.02
23) Nitrobenzene-d5	9.72	82	343076	118.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	174108	107.34	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	823340	93.51	ng	-0.03
78) Terphenyl-d14	20.46	244	1355012	99.14	ng	-0.03

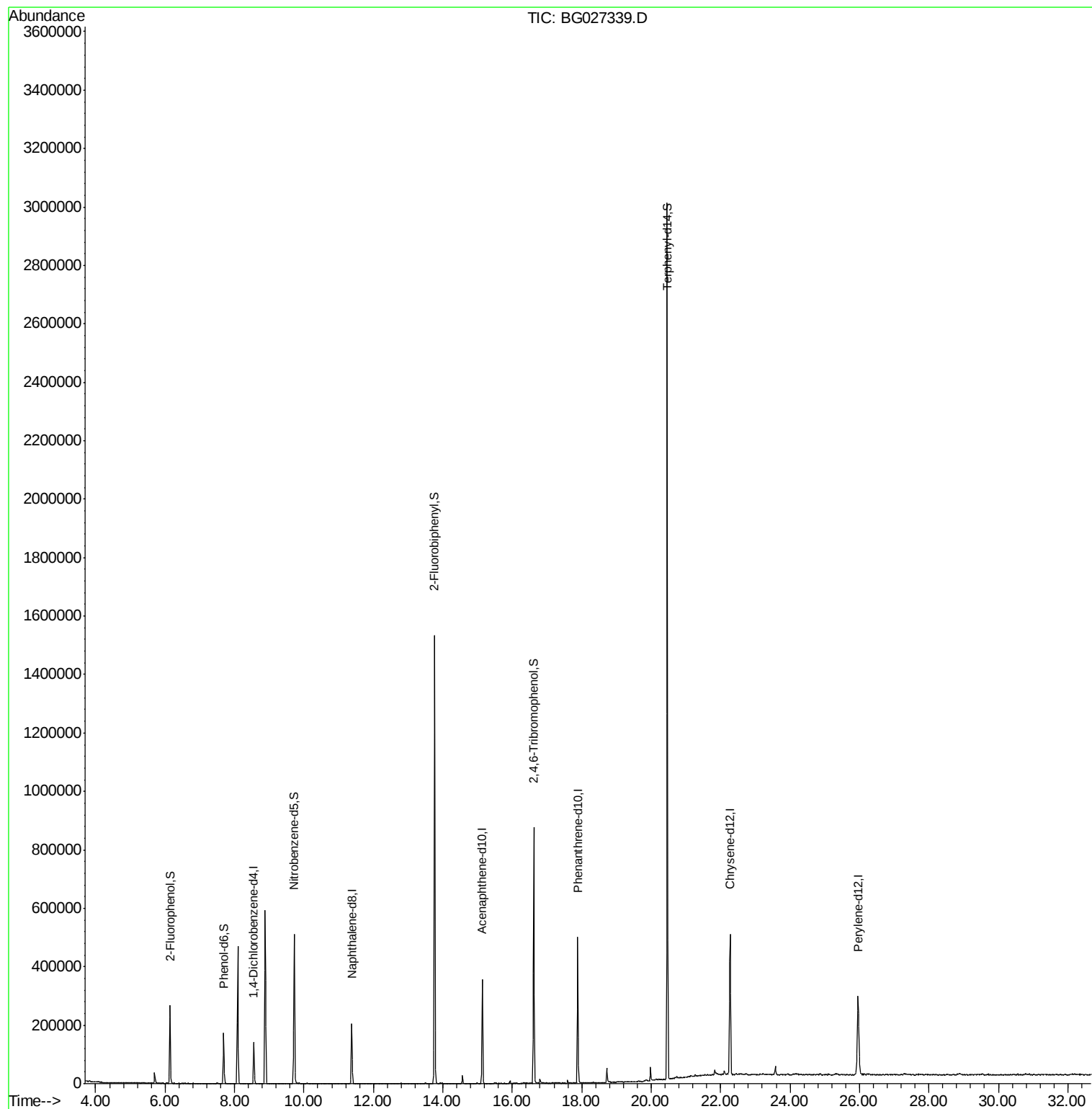
Target Compounds	Qvalue
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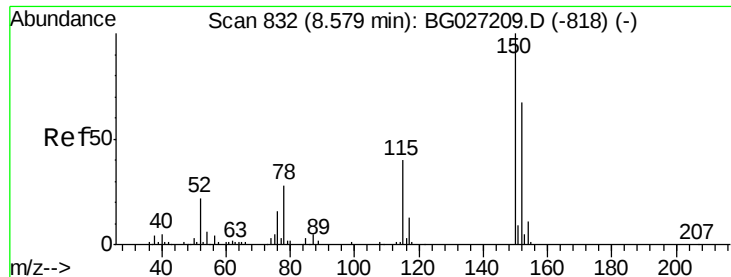
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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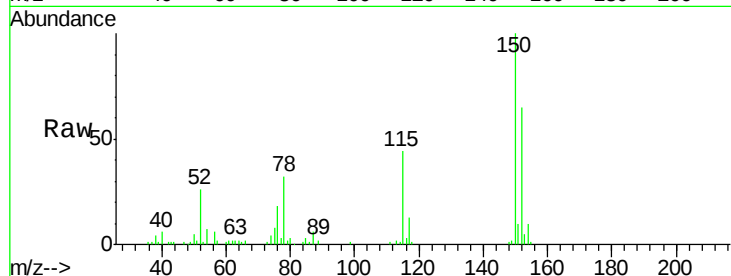


#1

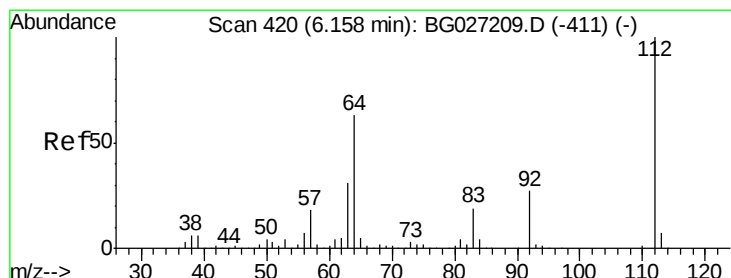
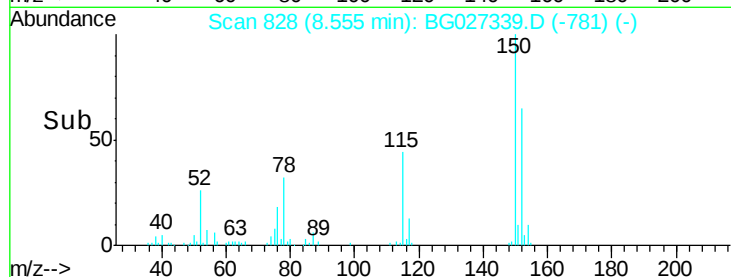
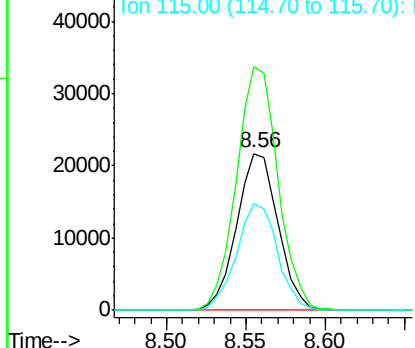
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Instrument :
BNA_G
ClientSampleId :
TW-1-20170603

Tgt Ion:152 Resp: 39245
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 67.8 48.1 72.1



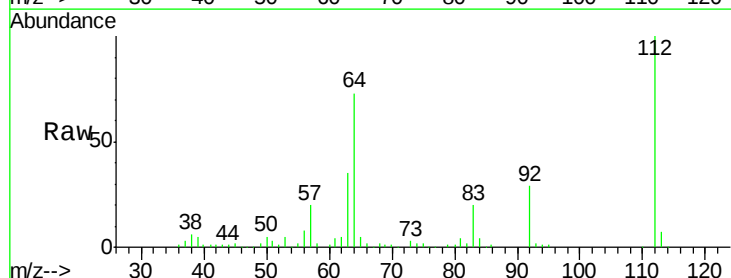
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



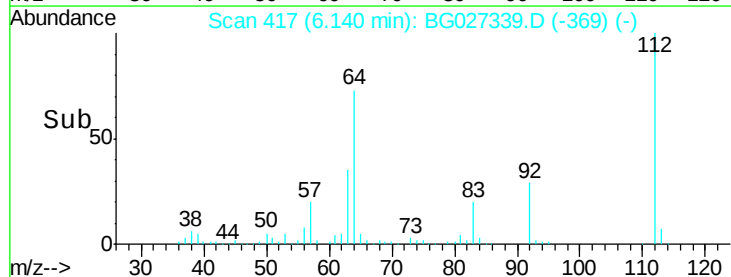
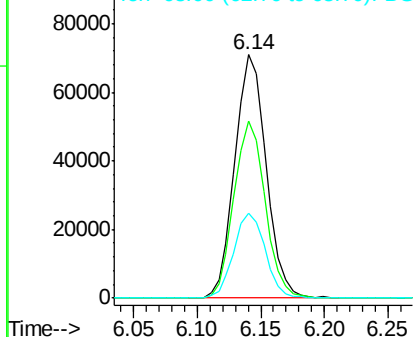
#5

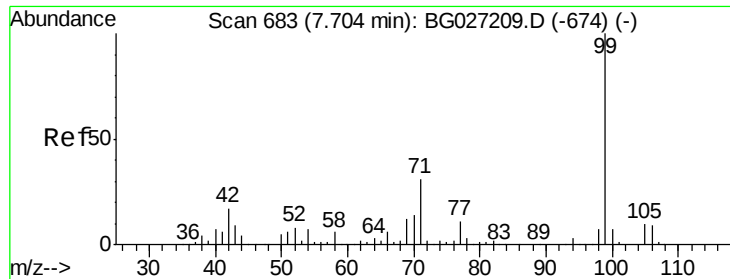
2-Fluorophenol
Concen: 47.372 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Tgt Ion:112 Resp: 121832
Ion Ratio Lower Upper
112 100
64 72.6 61.8 92.6
63 34.7 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: 28.889 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

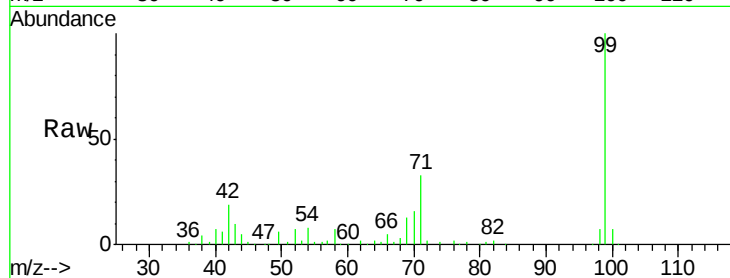
Tgt Ion: 99 Resp: 109062

Ion Ratio Lower Upper

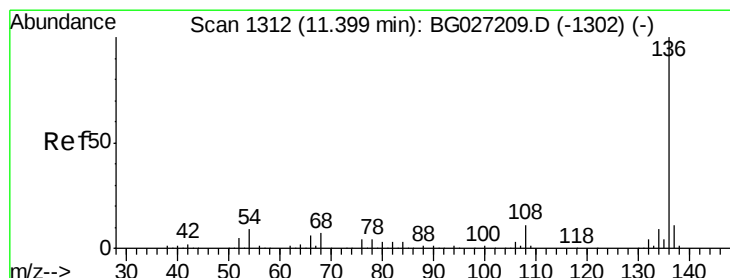
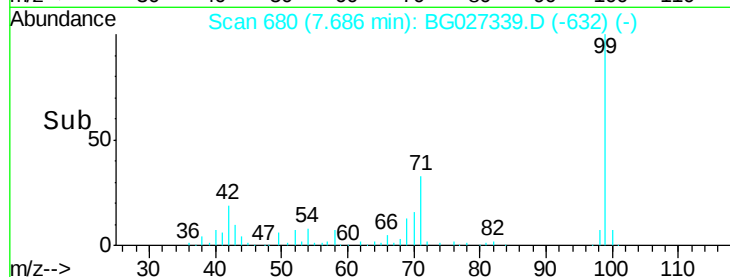
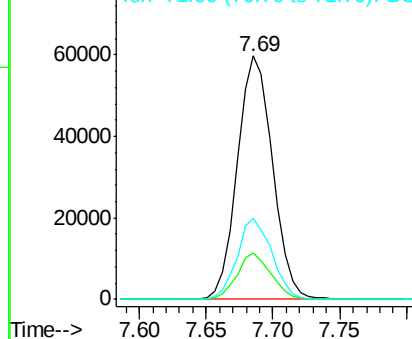
99 100

42 18.9 20.5 30.7#

71 33.4 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: 20.000 ng

RT: 11.38 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

Tgt Ion: 136 Resp: 182104

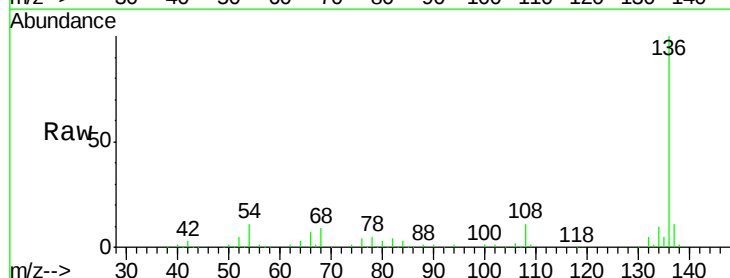
Ion Ratio Lower Upper

136 100

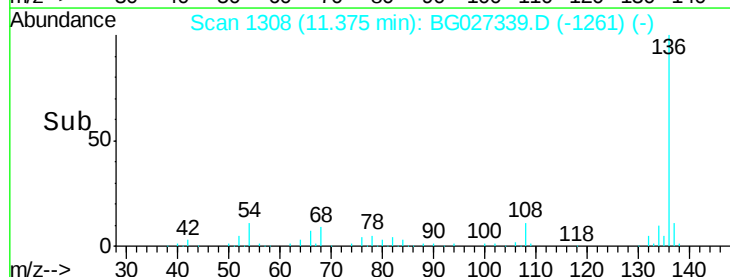
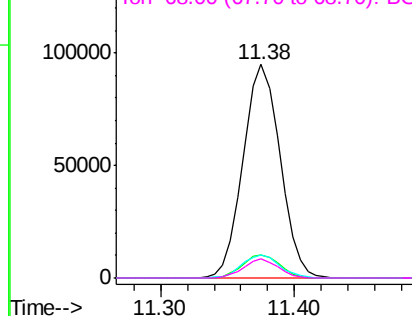
137 10.9 8.9 13.3

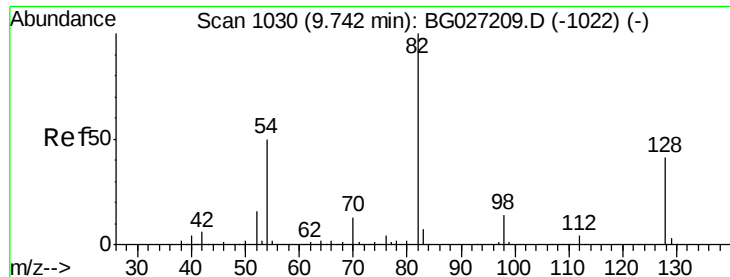
54 10.6 9.3 13.9

68 8.7 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

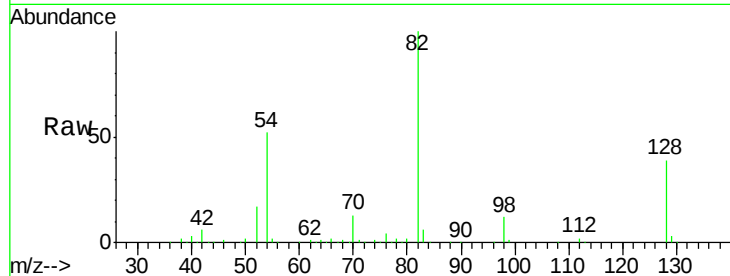




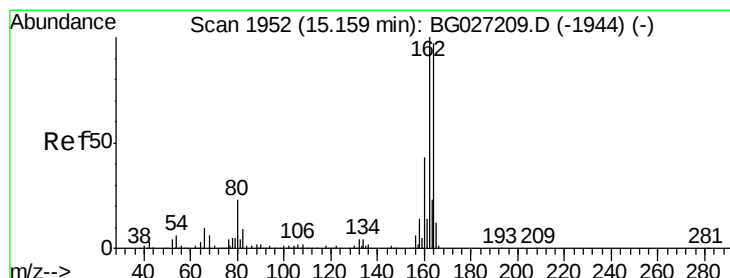
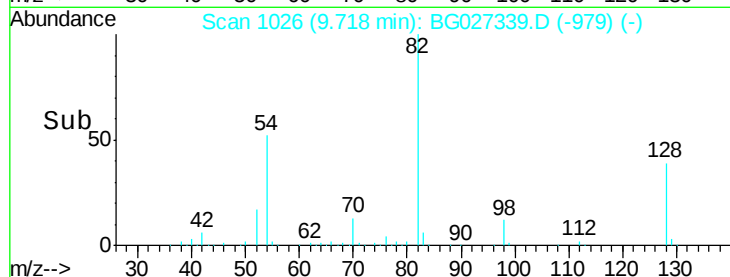
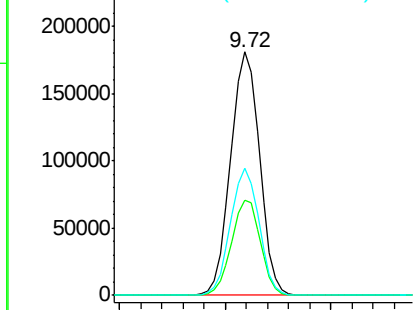
#23
Nitrobenzene-d5
Concen: 118.481 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Instrument :
BNA_G
ClientSampleId :
TW-1-20170603

Tgt Ion: 82 Resp: 343076
Ion Ratio Lower Upper
82 100
128 39.0 26.4 39.6
54 52.3 49.4 74.2

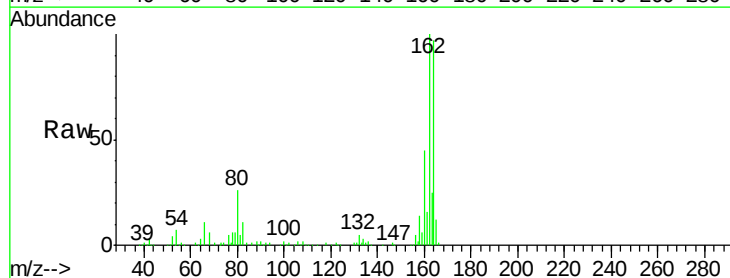


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

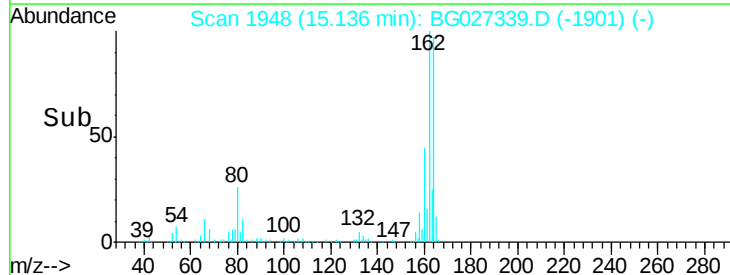
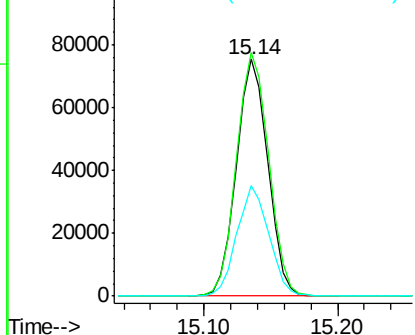


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Tgt Ion: 164 Resp: 123180
Ion Ratio Lower Upper
164 100
162 102.9 85.1 127.7
160 46.7 34.7 52.1



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

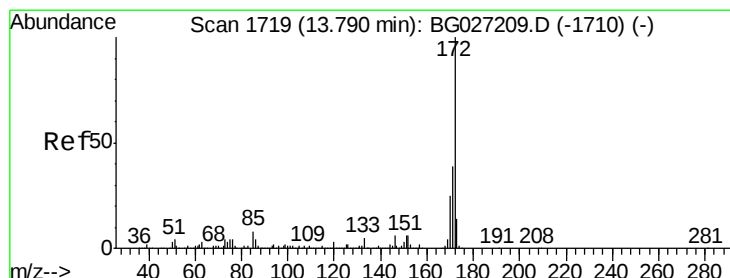
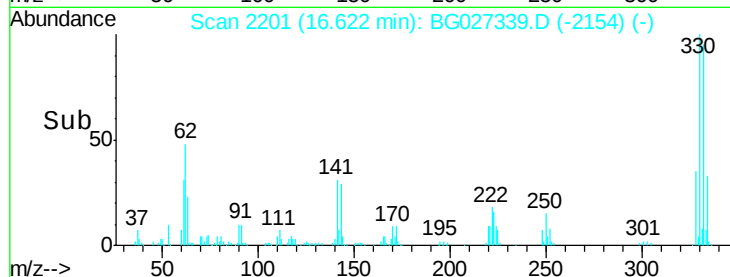
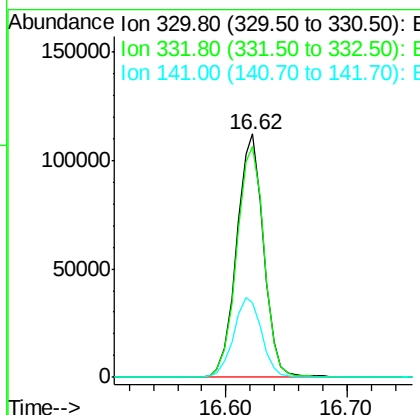
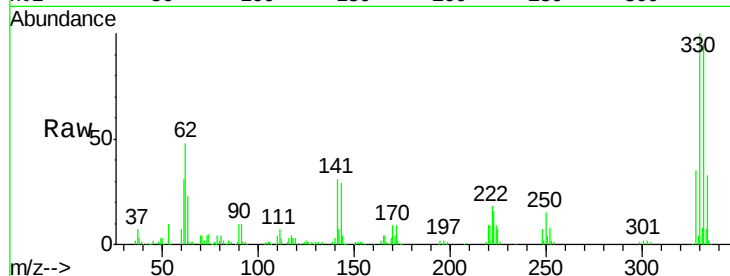




#41
 2,4,6-Tribromophenol
 Concen: 107.337 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027339.D
 Acq: 9 Jun 2017 6:16

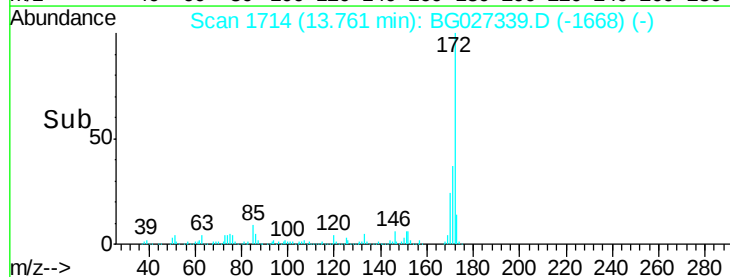
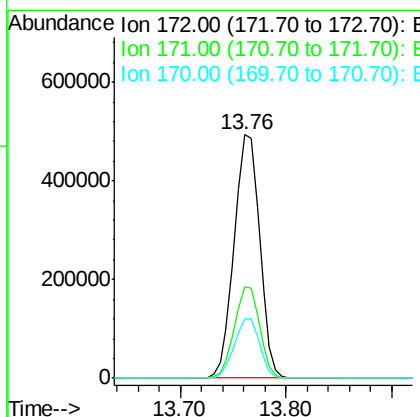
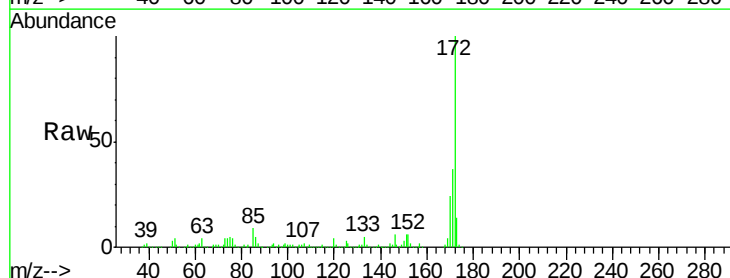
Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	34.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 93.508 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027339.D
 Acq: 9 Jun 2017 6:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.2	21.8	32.6

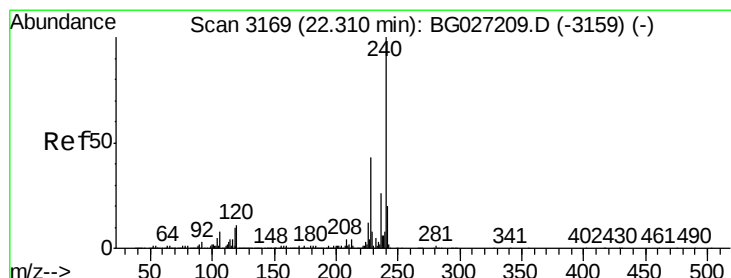
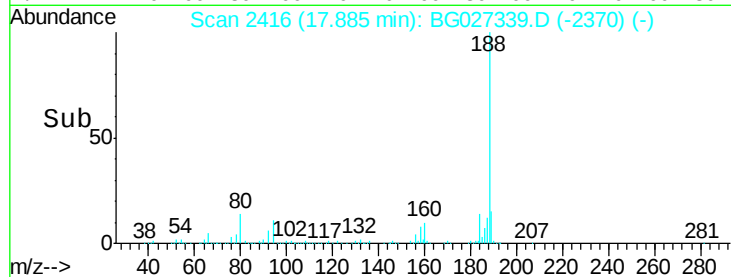
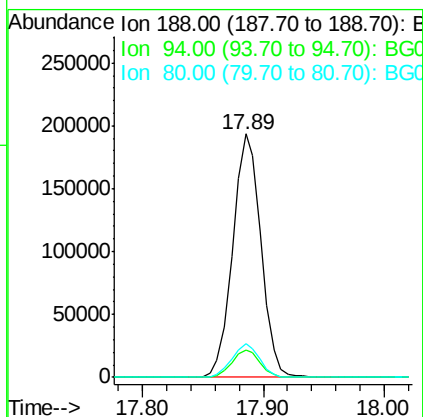
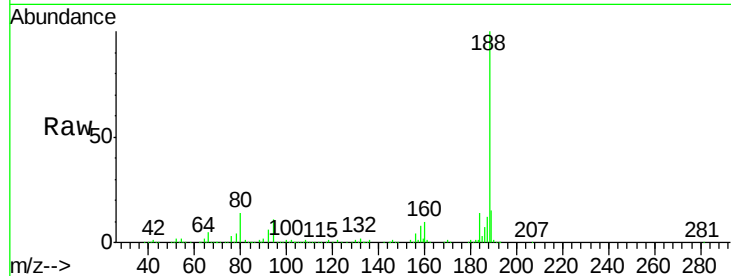




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

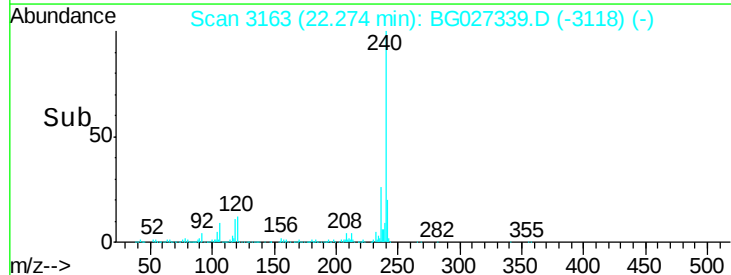
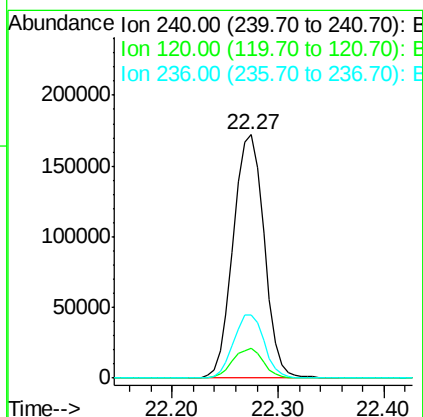
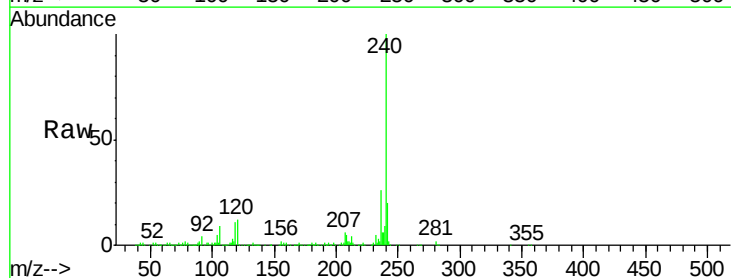
Instrument :
BNA_G
ClientSampleId :
TW-1-20170603

Tgt Ion:188 Resp: 313733
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 13.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Tgt Ion:240 Resp: 348676
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 99.136 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

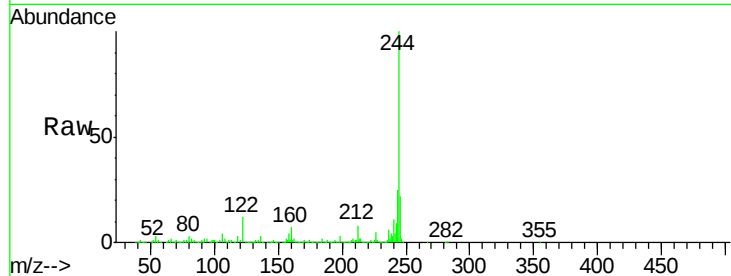
Tgt Ion:244 Resp: 1355012

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

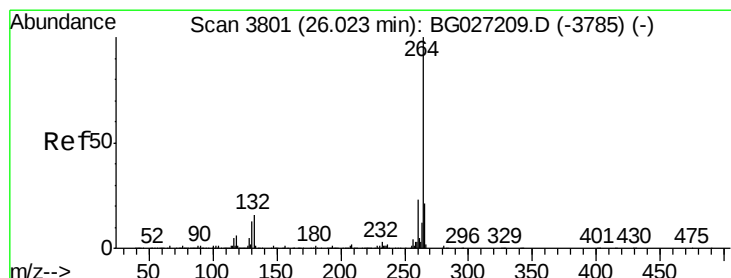
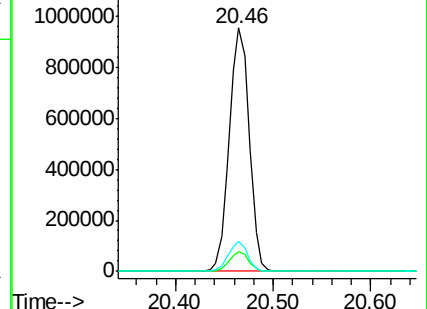
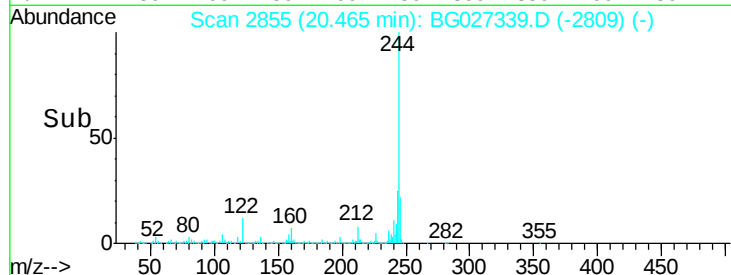
122 12.4 8.6 12.8



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: 20.000 ng

RT: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

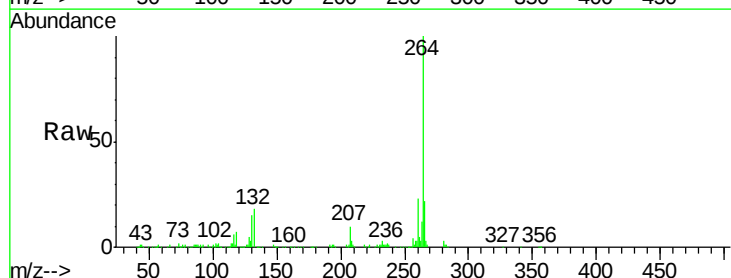
Tgt Ion:264 Resp: 324666

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 22.0 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

