

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061217\
 Data File : BG027382.D
 Acq On : 12 Jun 2017 19:29
 Operator : SJ/MA
 Sample : I3615-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HA4-WCA

Quant Time: Jun 13 04:19:39 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	8.54	152	44042	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	189603	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	115034	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	322265	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	383460	20.00	ng	-0.06
86) Perylene-d12	25.92	264	210948	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	439478	152.27	ng	-0.02
7) Phenol-d6	7.68	99	570743	134.72	ng	-0.02
23) Nitrobenzene-d5	9.71	82	361873	120.03	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	296254	195.57	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	801332	97.45	ng	-0.05
78) Terphenyl-d14	20.45	244	1722873	114.62	ng	-0.05

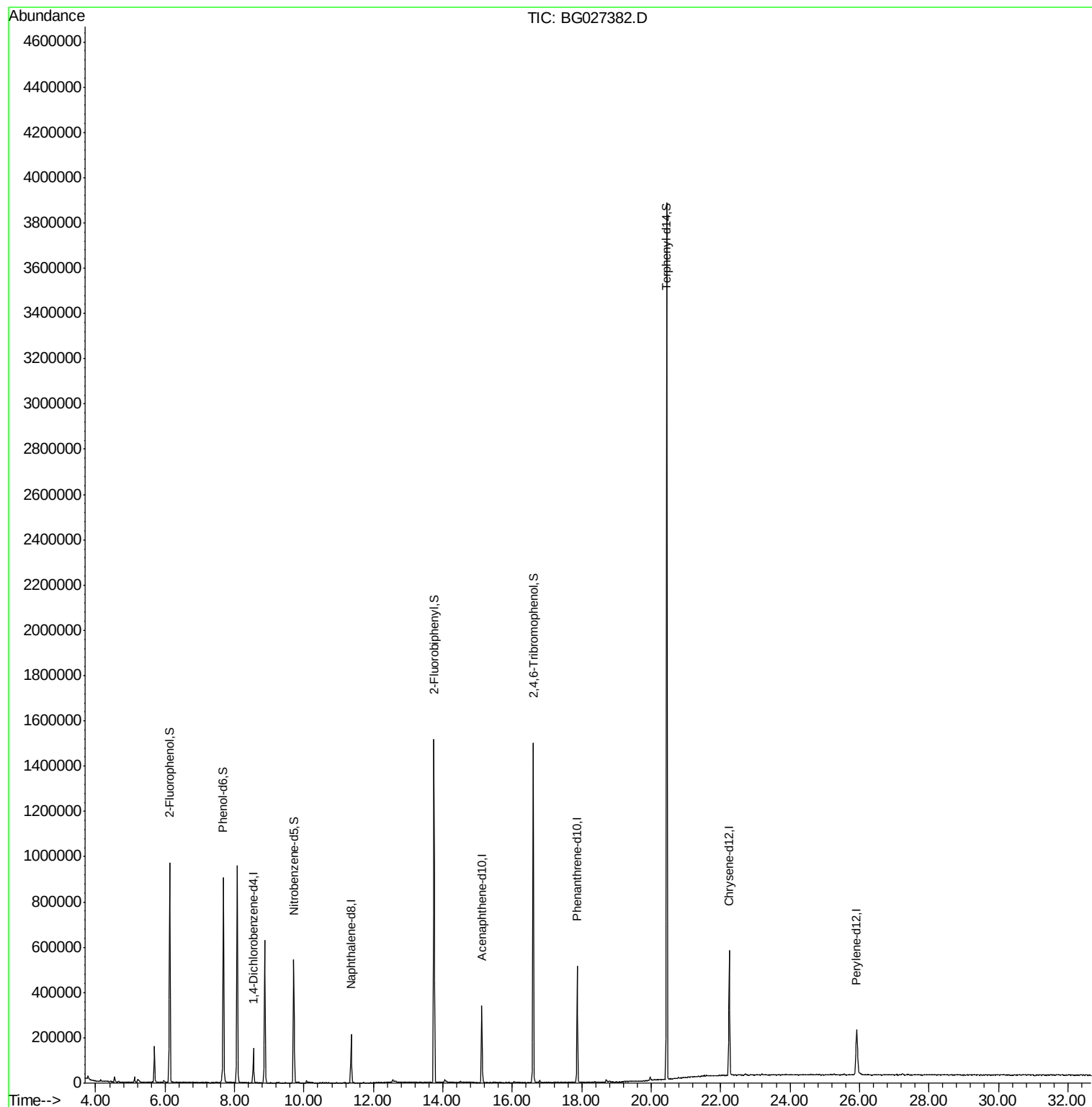
Target Compounds	Qvalue
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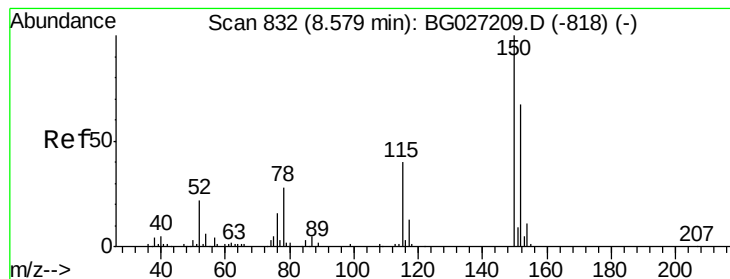
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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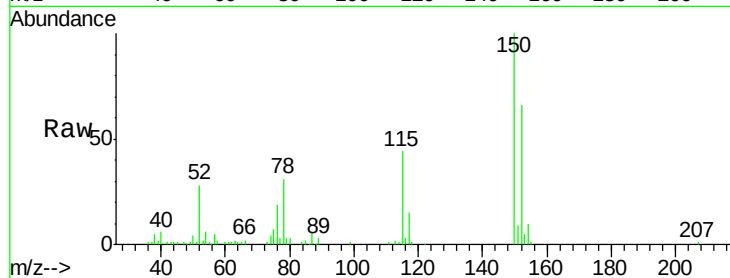


#1

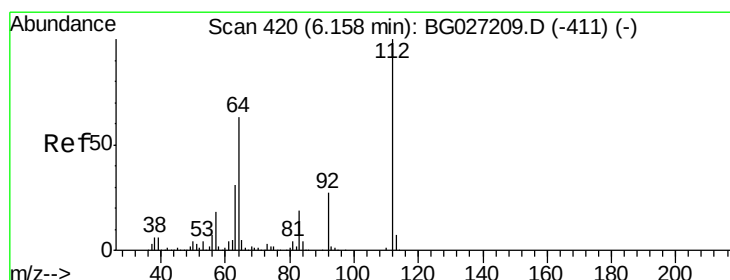
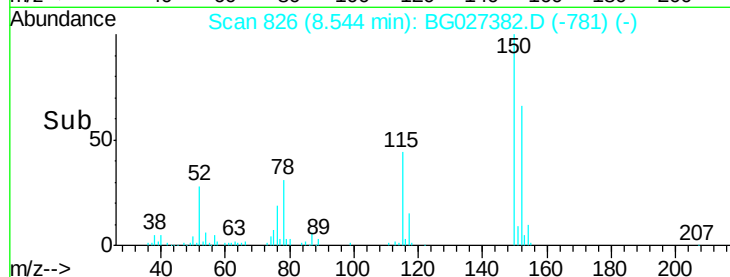
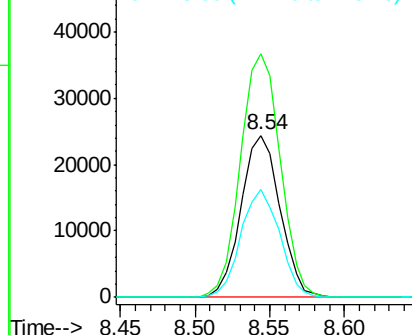
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.03 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Instrument :
BNA_G
ClientSampleId :
HA4-WCA

Tgt Ion:152 Resp: 44042
Ion Ratio Lower Upper
152 100
150 150.5 114.0 171.0
115 66.8 48.1 72.1



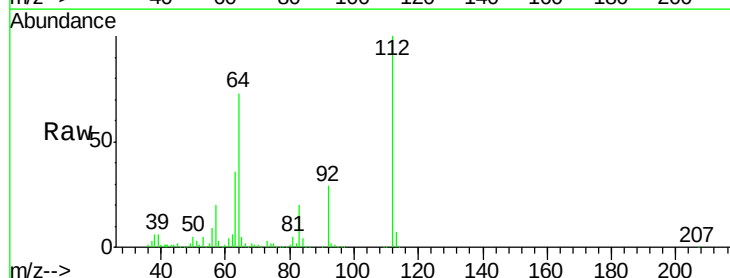
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



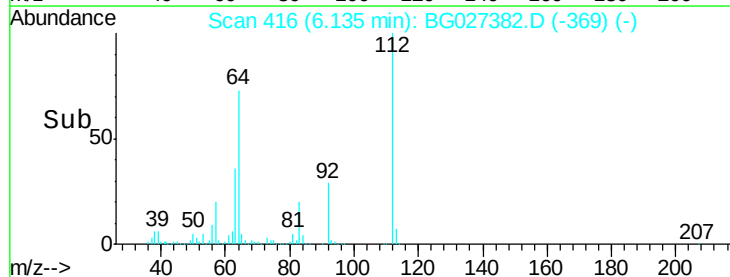
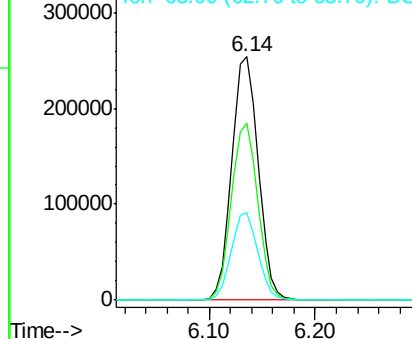
#5

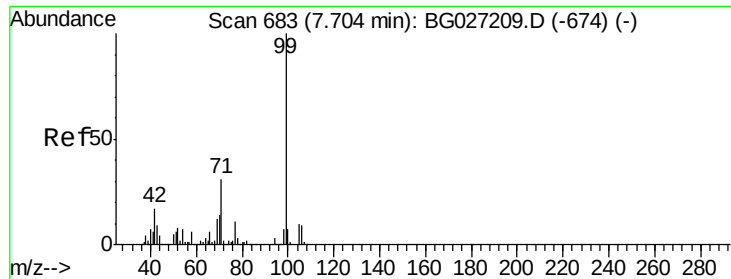
2-Fluorophenol
Concen: 152.270 ng
RT: 6.14 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Tgt Ion:112 Resp: 439478
Ion Ratio Lower Upper
112 100
64 72.7 61.8 92.6
63 35.7 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: 134.717 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

Instrument :

BNA_G

ClientSampleId :

HA4-WCA

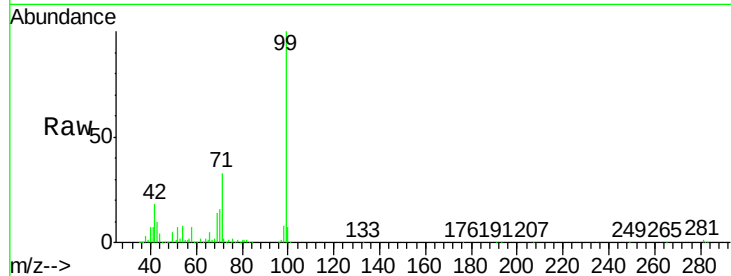
Tgt Ion: 99 Resp: 570743

Ion Ratio Lower Upper

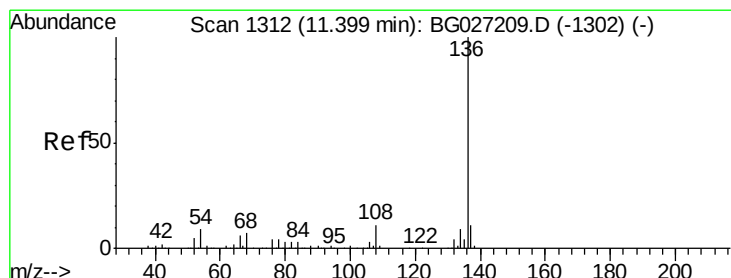
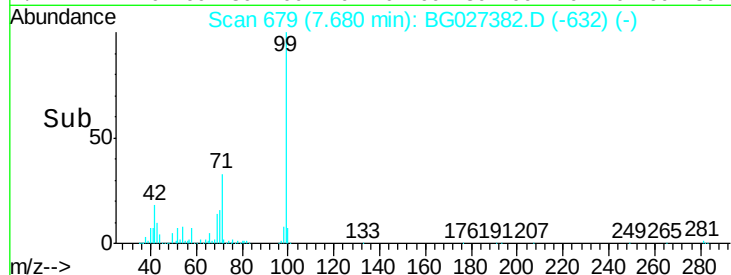
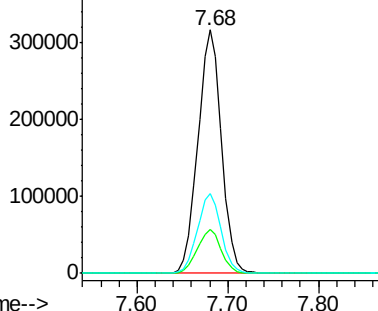
99 100

42 18.0 20.5 30.7#

71 32.8 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: 20.000 ng

RT: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

Tgt Ion: 136 Resp: 189603

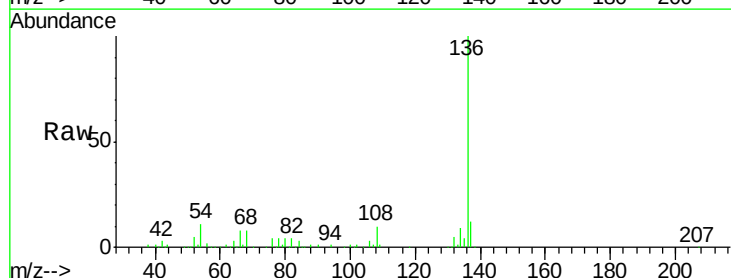
Ion Ratio Lower Upper

136 100

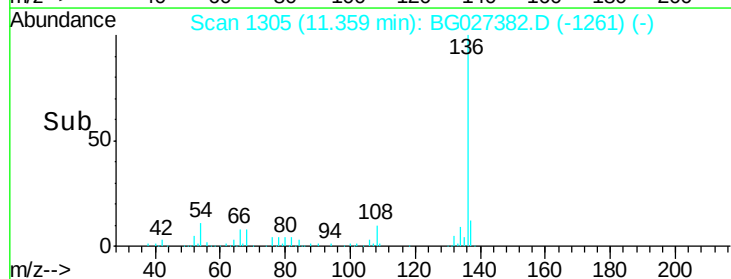
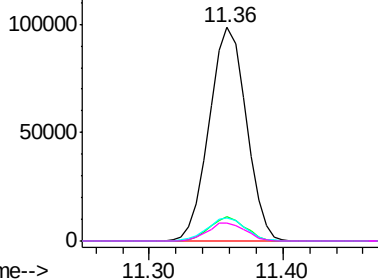
137 11.7 8.9 13.3

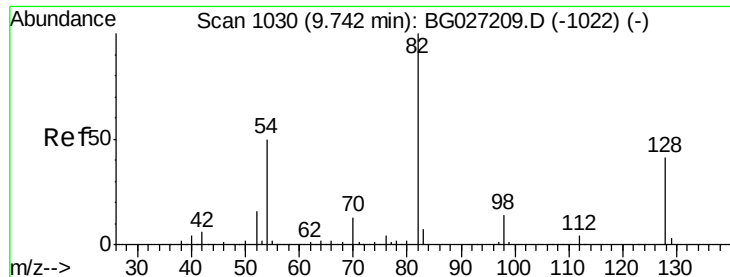
54 10.6 9.3 13.9

68 8.4 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

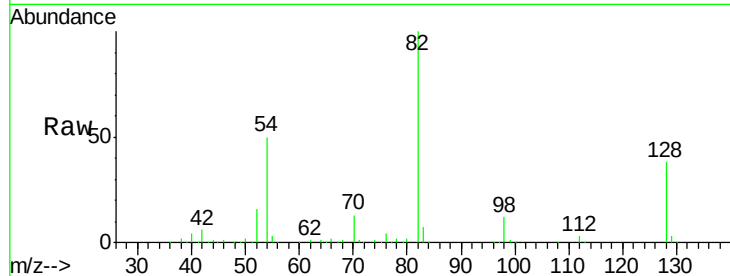




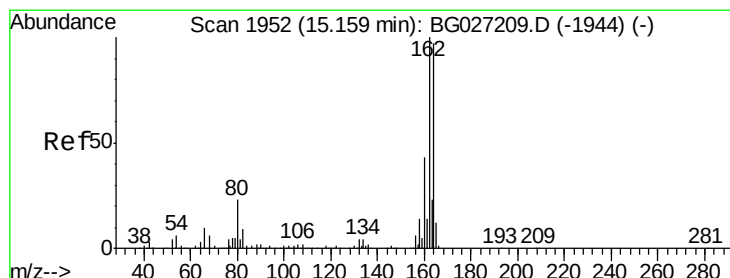
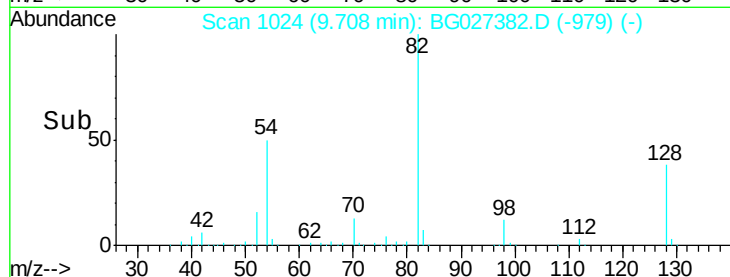
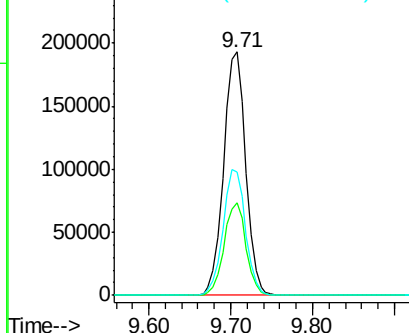
#23
 Nitrobenzene-d5
 Concen: 120.030 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BG027382.D
 Acq: 12 Jun 2017 19:29

Instrument :
 BNA_G
 ClientSampled :
 HA4-WCA

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	50.4	49.4	74.2

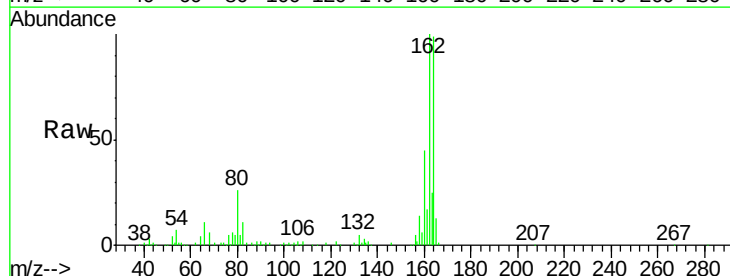


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

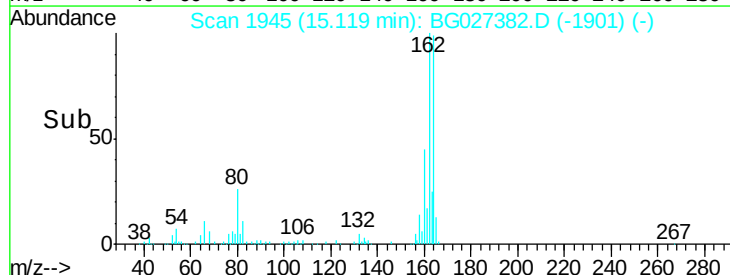
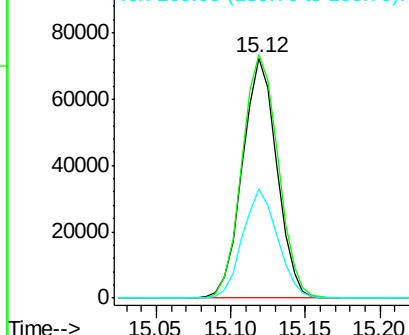


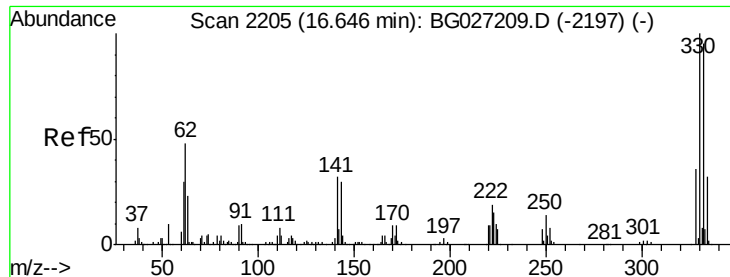
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027382.D
 Acq: 12 Jun 2017 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.1	127.7
160	45.7	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

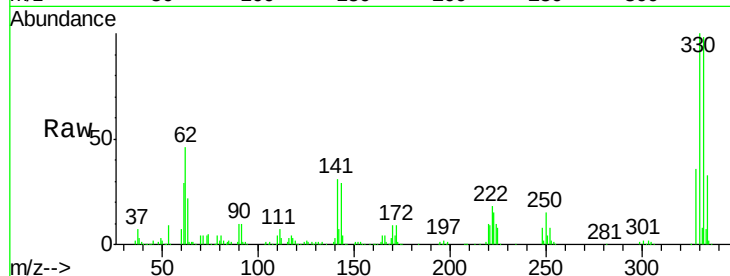




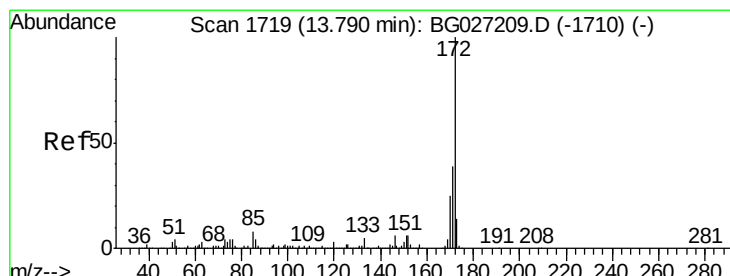
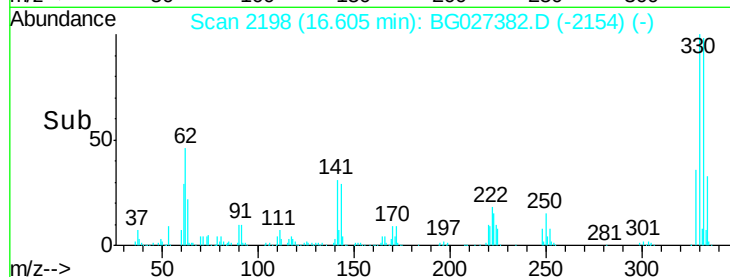
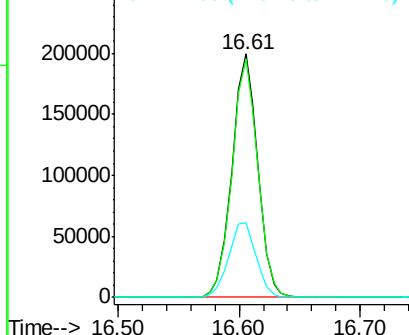
#41
 2,4,6-Tribromophenol
 Concen: 195.574 ng
 RT: 16.61 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027382.D
 Acq: 12 Jun 2017 19:29

Instrument :
 BNA_G
 ClientSampled :
 HA4-WCA

Tgt Ion:330 Resp: 296254
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 32.8 32.1 48.1

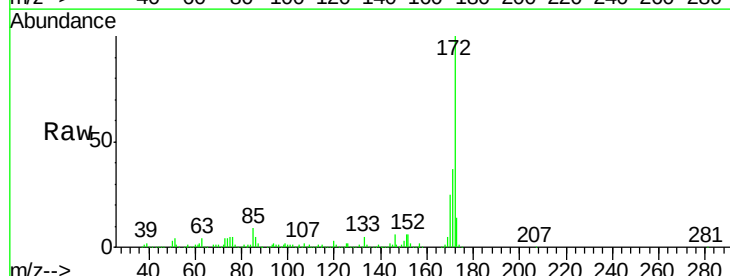


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

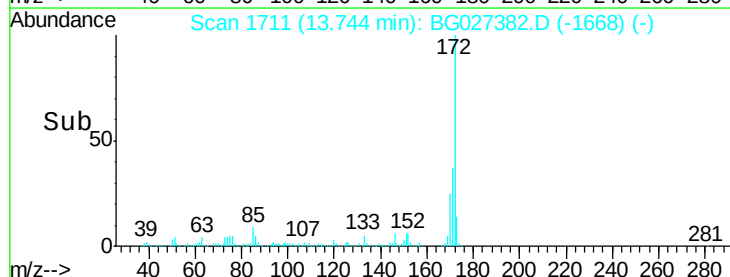
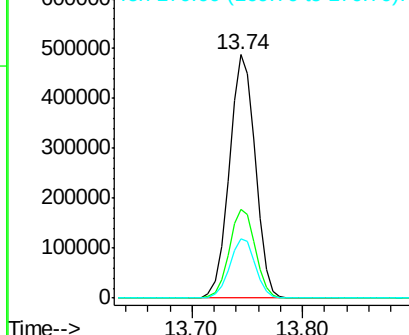


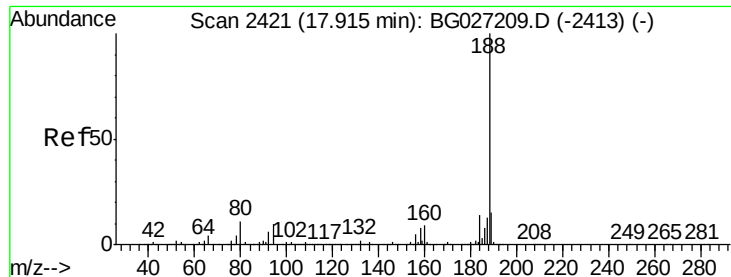
#44
 2-Fluorobiphenyl
 Concen: 97.453 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027382.D
 Acq: 12 Jun 2017 19:29

Tgt Ion:172 Resp: 801332
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 24.6 21.8 32.6



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

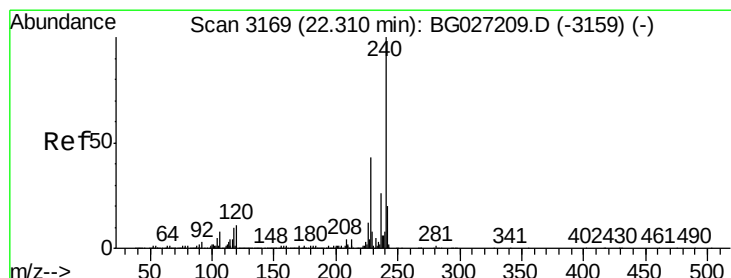
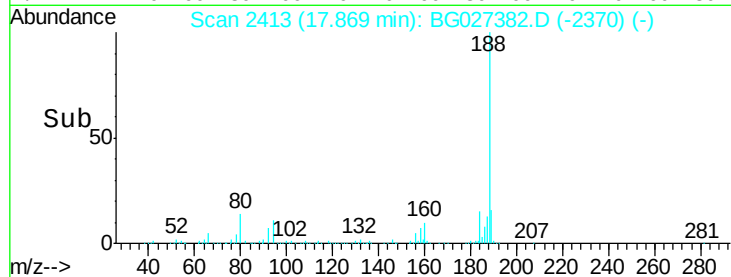
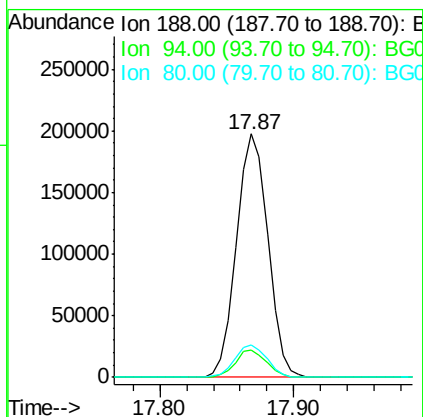
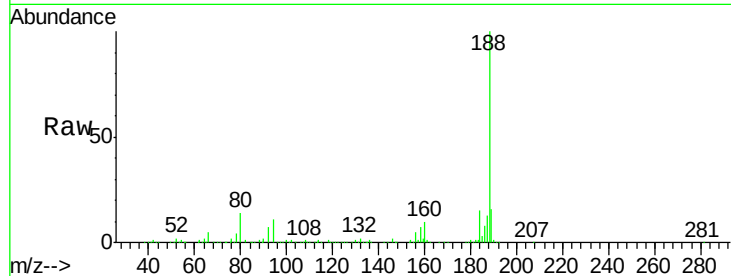




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

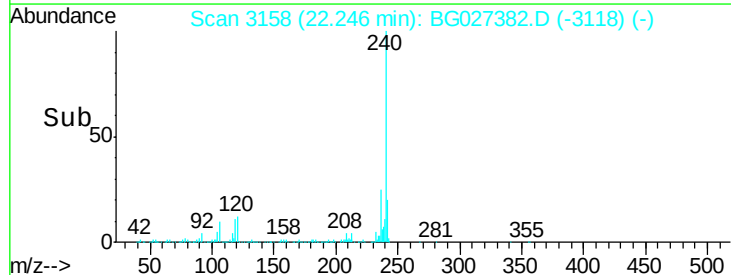
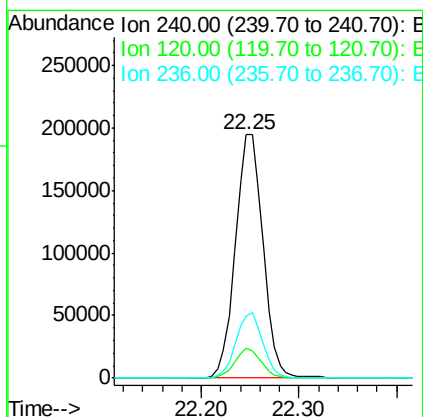
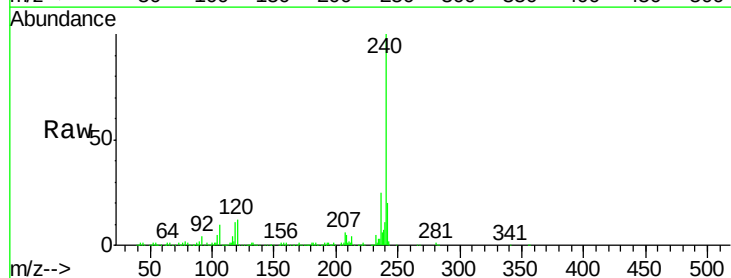
Instrument :
BNA_G
ClientSampled :
HA4-WCA

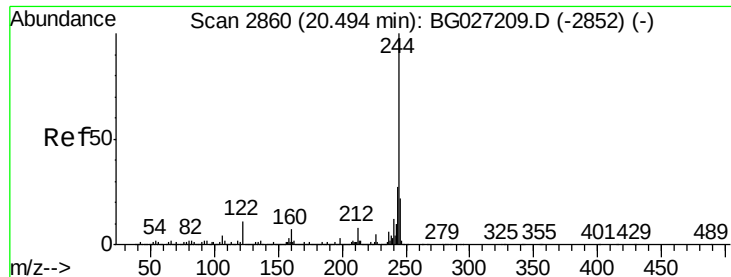
Tgt Ion:188 Resp: 322265
Ion Ratio Lower Upper
188 100
94 11.1 5.8 8.8#
80 13.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.25 min Scan# 3158
Delta R.T. -0.06 min
Lab File: BG027382.D
Acq: 12 Jun 2017 19:29

Tgt Ion:240 Resp: 383460
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 114.616 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

Instrument :

BNA_G

ClientSampleId :

HA4-WCA

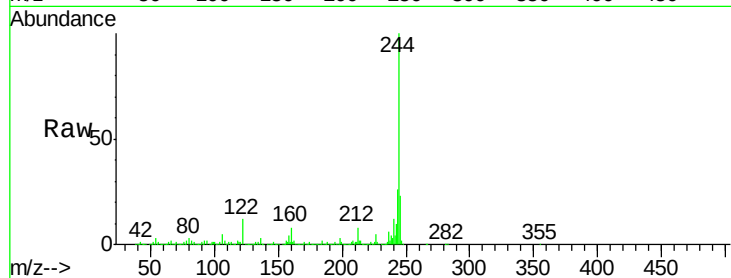
Tgt Ion:244 Resp: 1722873

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

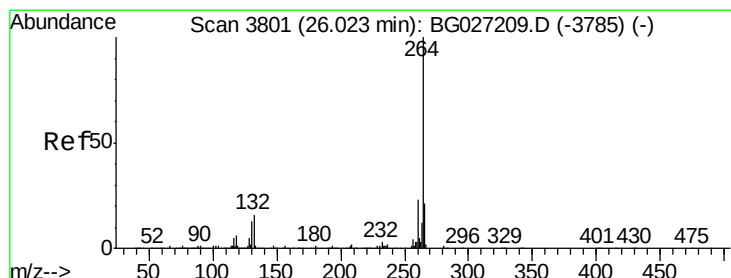
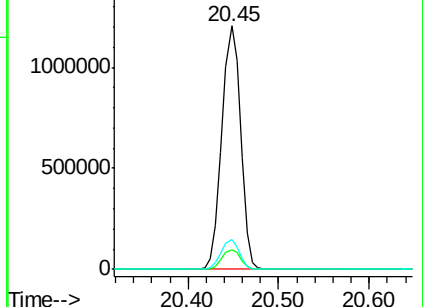
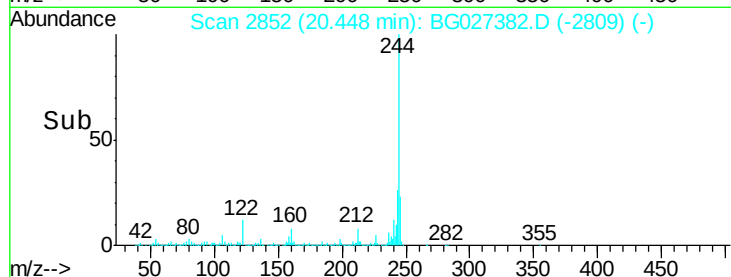
122 12.1 8.6 12.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.92 min Scan# 3783

Delta R.T. -0.11 min

Lab File: BG027382.D

Acq: 12 Jun 2017 19:29

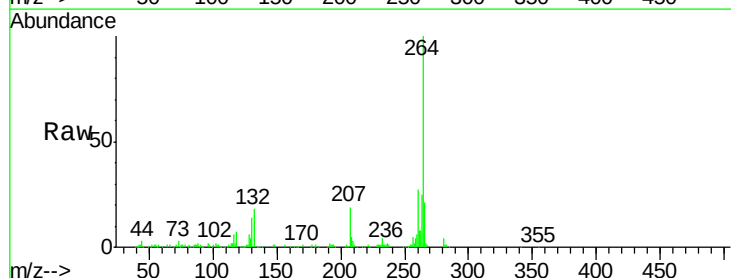
Tgt Ion:264 Resp: 210948

Ion Ratio Lower Upper

264 100

260 26.8 21.8 32.8

265 20.5 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

