

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
 Data File : BG027861.D
 Acq On : 5 Jul 2017 23:46
 Operator : SJ/JU
 Sample : I4053-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 06 01:01:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26428	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	121685	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	76720	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	220218	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	227459	20.00	ng	-0.04
86) Perylene-d12	25.72	264	119861	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	234882	136.86	ng	-0.03
7) Phenol-d6	7.59	99	297375	113.42	ng	-0.02
23) Nitrobenzene-d5	9.62	82	196839	90.17	ng	-0.03
41) 2,4,6-Tribromophenol	16.52	330	221774	210.75	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	520126	96.82	ng	-0.03
78) Terphenyl-d14	20.37	244	1153798	118.92	ng	-0.02

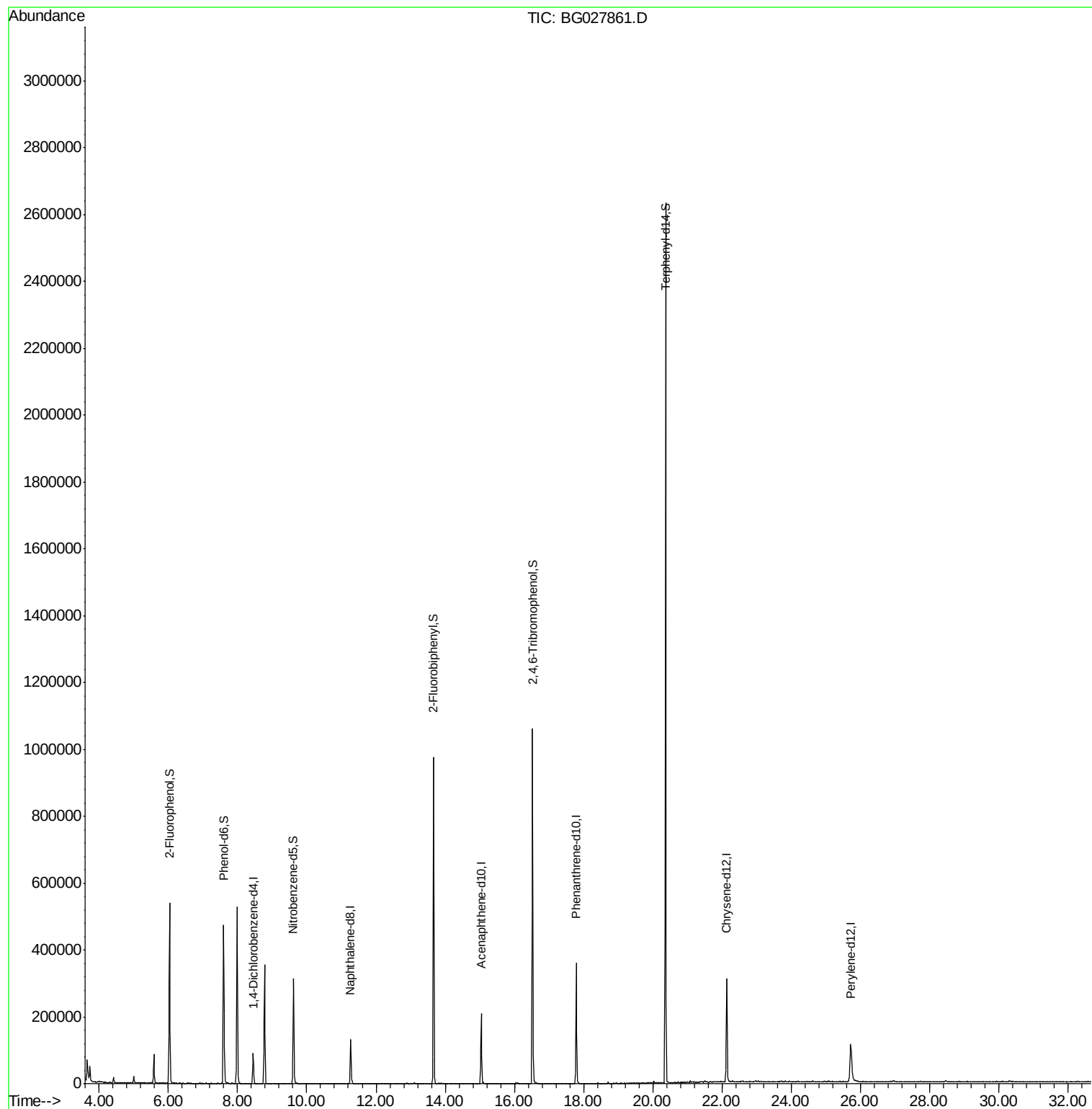
Target Compounds Qvalue

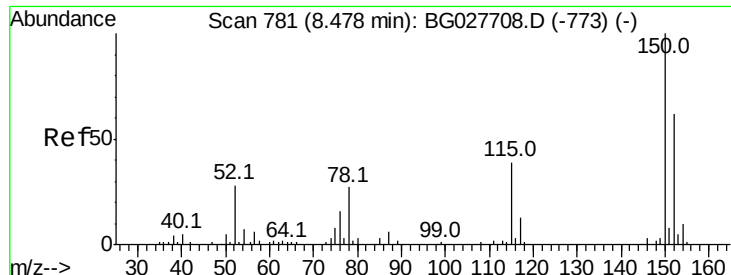
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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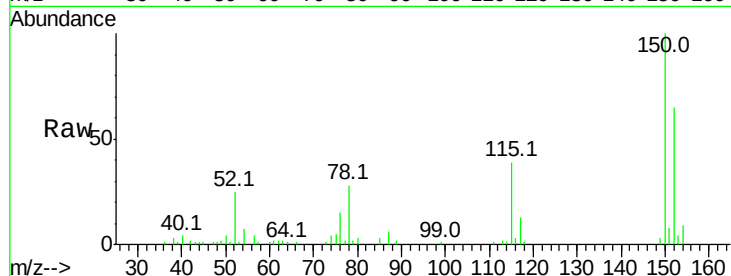


#1

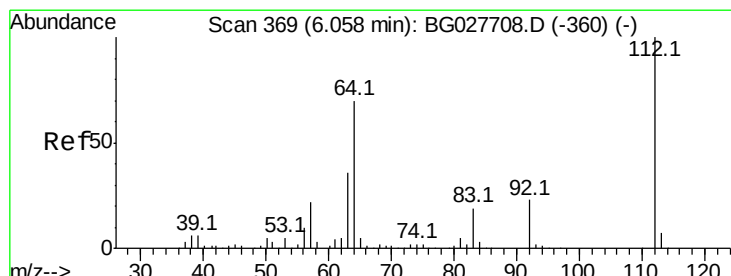
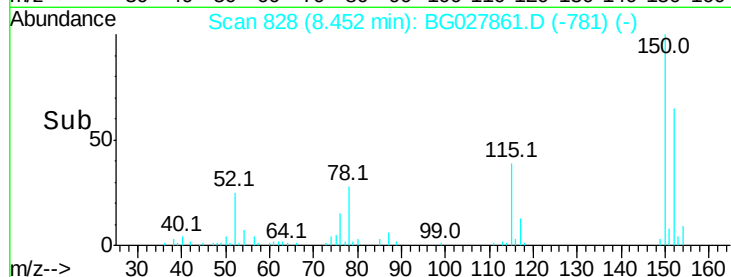
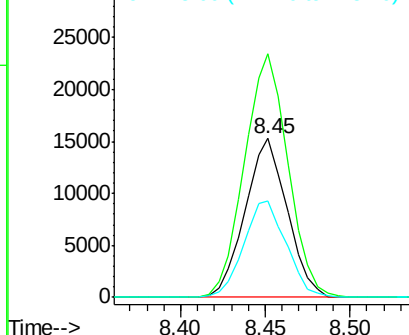
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027861.D
Acq: 5 Jul 2017 23:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26428
Ion Ratio Lower Upper
152 100
150 153.5 114.0 171.0
115 60.5 48.1 72.1



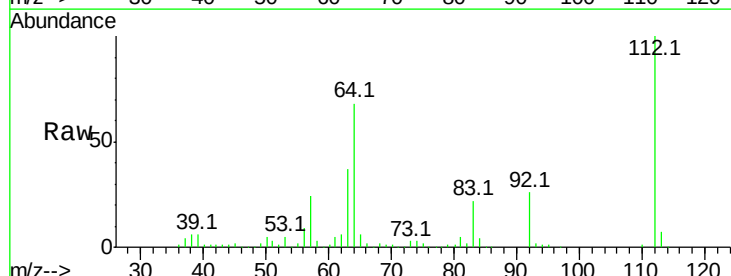
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



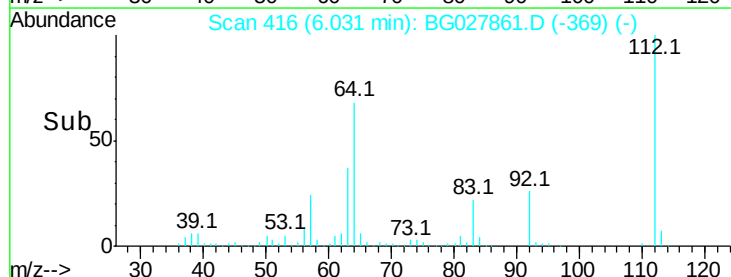
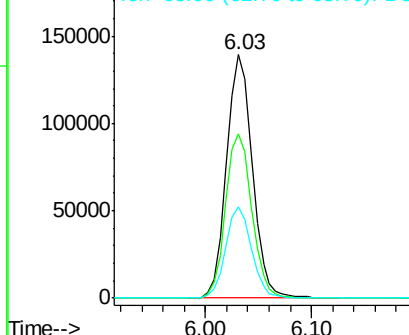
#5

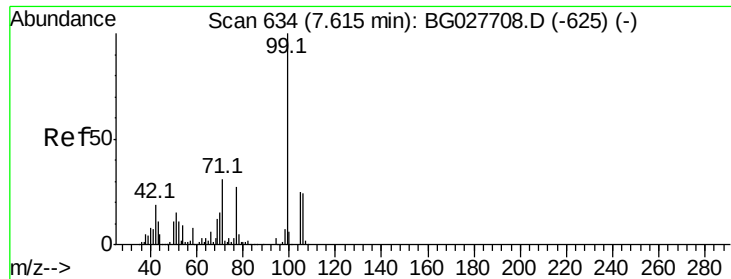
2-Fluorophenol
Concen: 136.86 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027861.D
Acq: 5 Jul 2017 23:46

Tgt Ion:112 Resp: 234882
Ion Ratio Lower Upper
112 100
64 67.7 61.8 92.6
63 37.5 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: 113.42 ng

RT: 7.59 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

Instrument :

BNA_G

ClientSampleId :

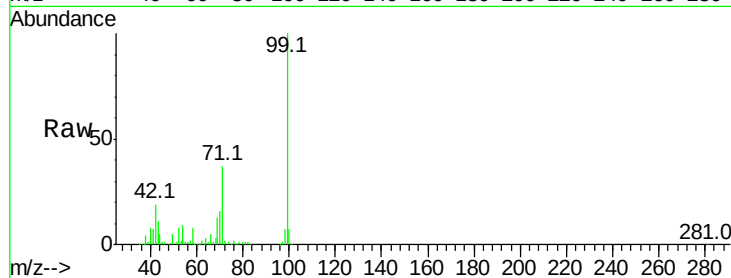
Tot Ion: 99 Resp: 297375

Ion Ratio Lower Upper

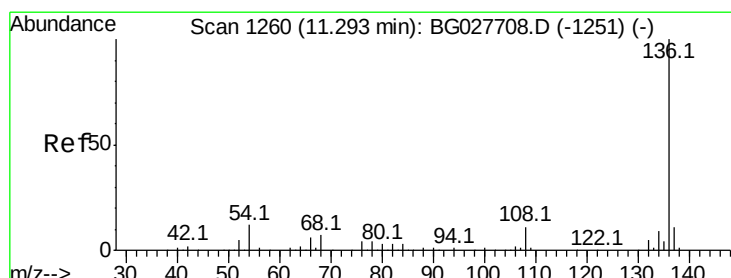
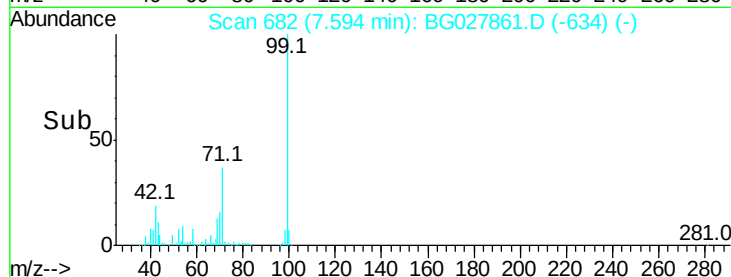
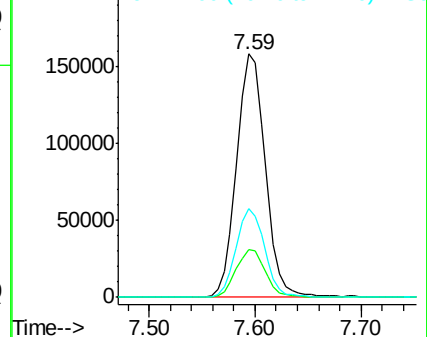
99 100

42 19.5 20.5 30.7#

71 36.6 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: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

Tgt Ion: 136 Resp: 121685

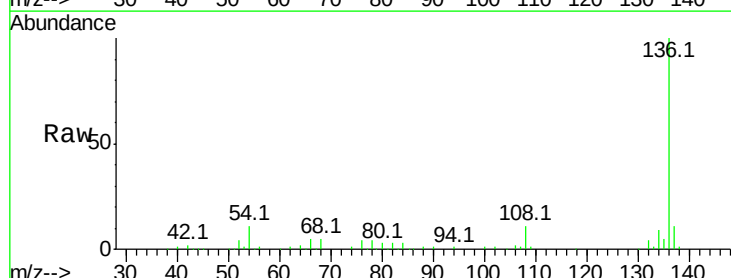
Ion Ratio Lower Upper

136 100

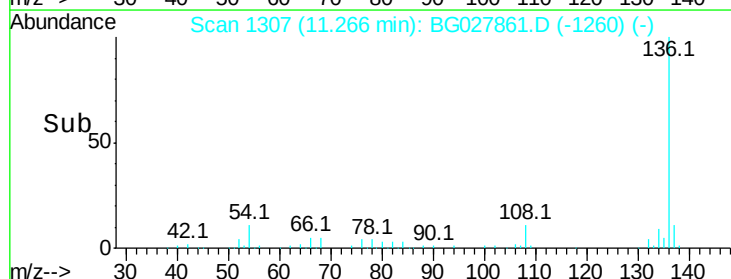
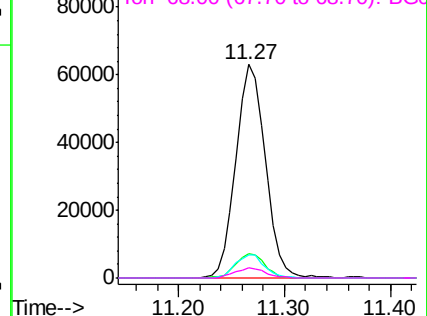
137 11.5 8.9 13.3

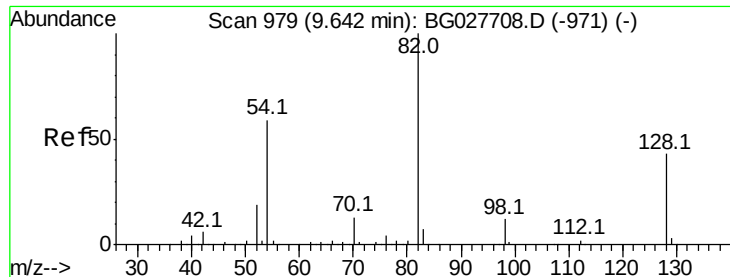
54 10.7 9.3 13.9

68 4.9 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: 90.17 ng

RT: 9.62 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

Instrument :

BNA_G

ClientSampleId :

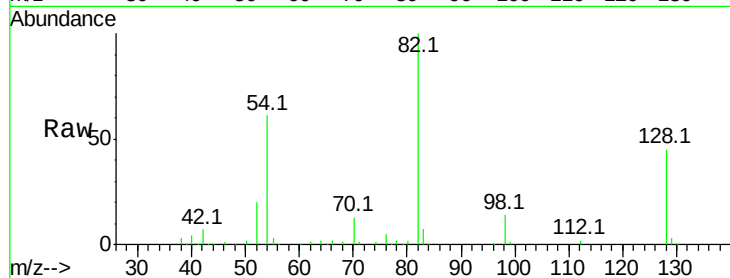
Tot Ion: 82 Resp: 196839

Ion Ratio Lower Upper

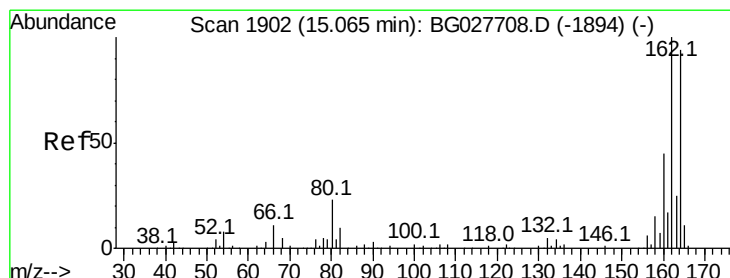
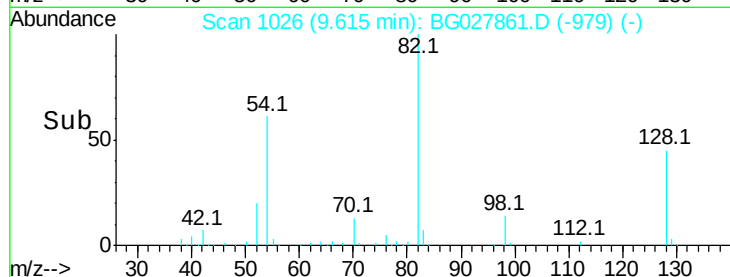
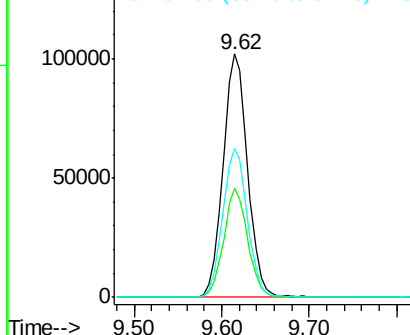
82 100

128 44.8 26.4 39.6#

54 61.3 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: 20.00 ng

RT: 15.04 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

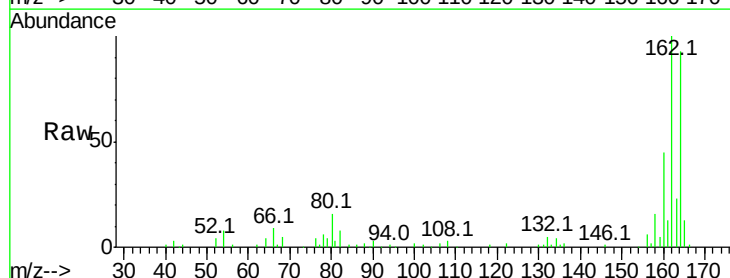
Tgt Ion:164 Resp: 76720

Ion Ratio Lower Upper

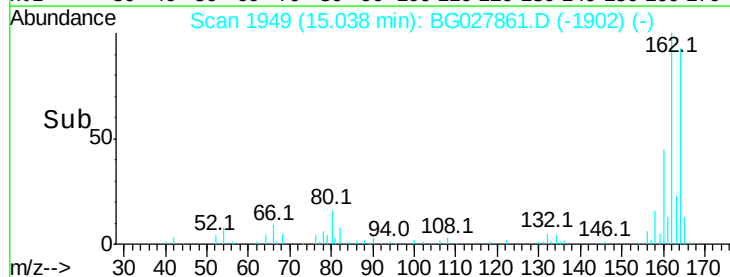
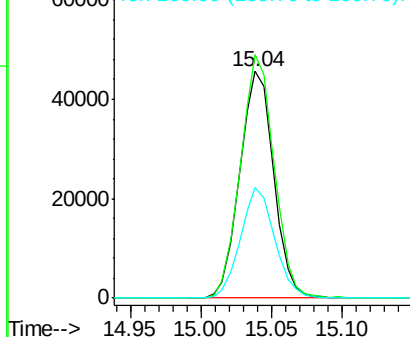
164 100

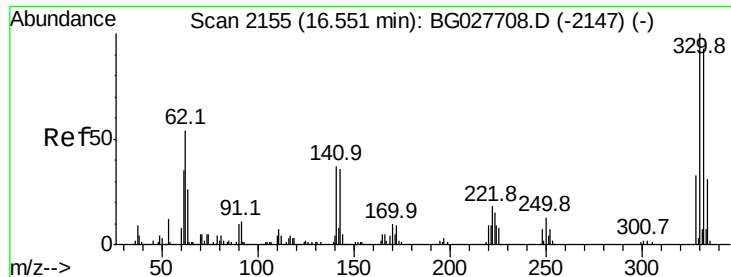
162 107.5 85.1 127.7

160 48.8 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

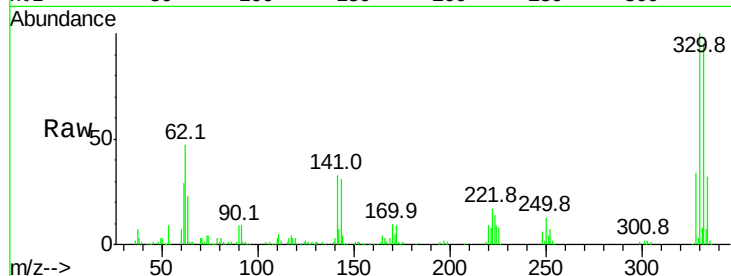




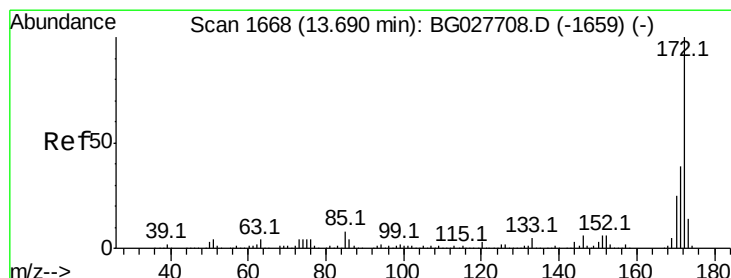
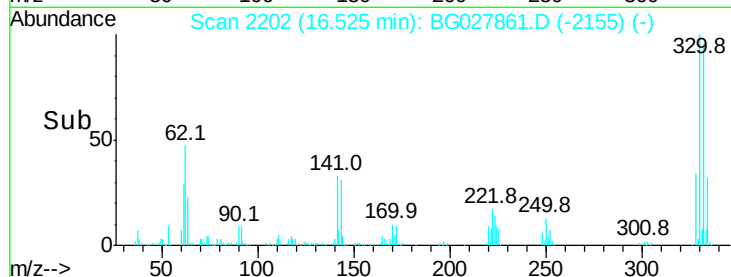
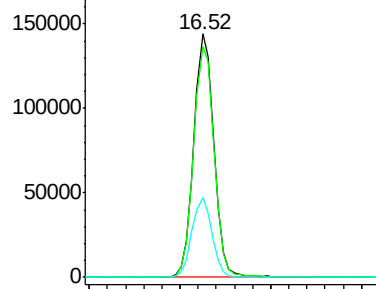
#41
 2,4,6-Tribromophenol
 Concen: 210.75 ng
 RT: 16.52 min Scan# 2202
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.8	32.1	48.1

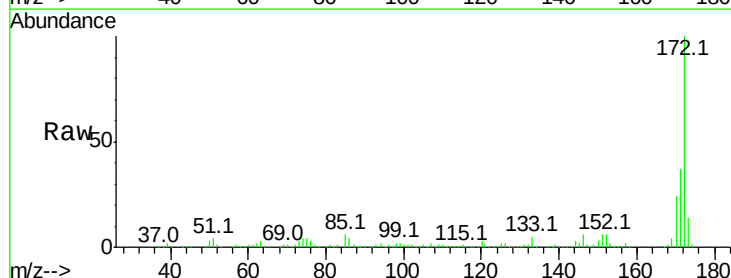


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

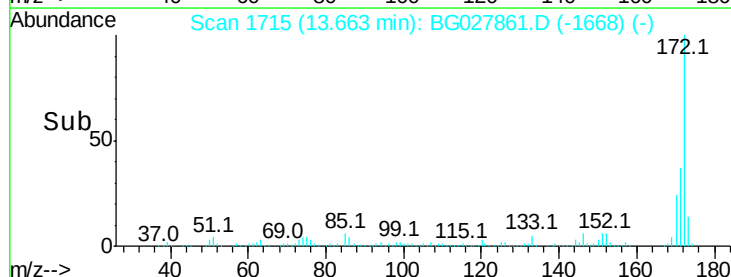
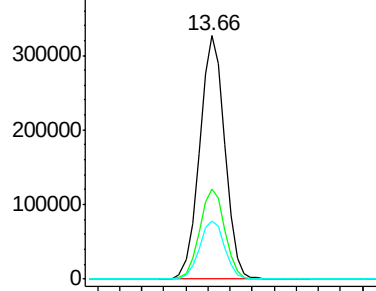


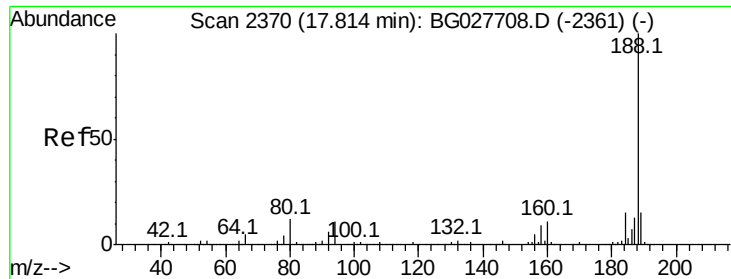
#44
 2-Fluorobiphenyl
 Concen: 96.82 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	23.8	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

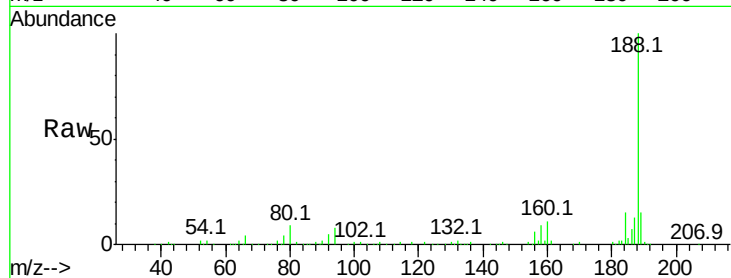




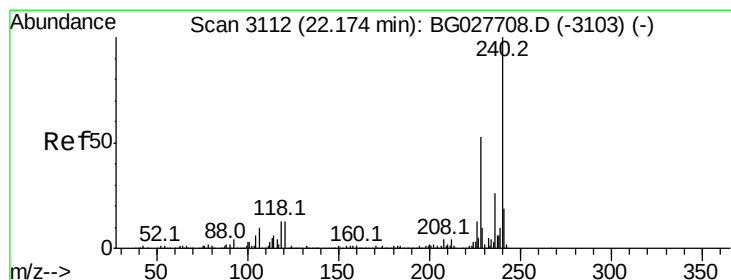
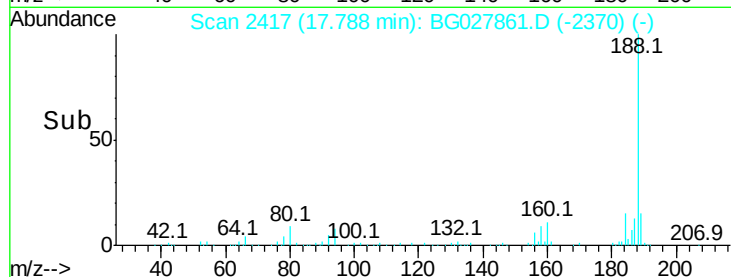
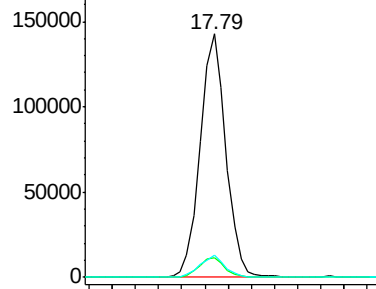
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2417
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 220218
 Ion Ratio Lower Upper
 188 100
 94 7.9 5.8 8.8
 80 9.1 7.5 11.3

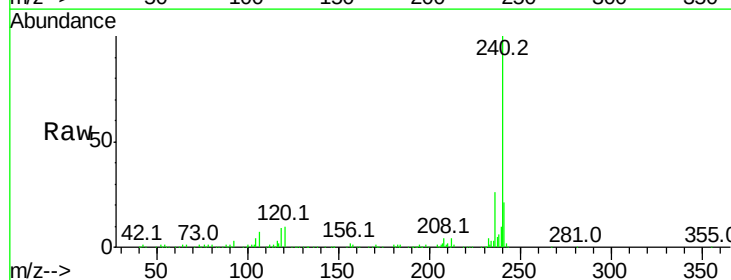


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

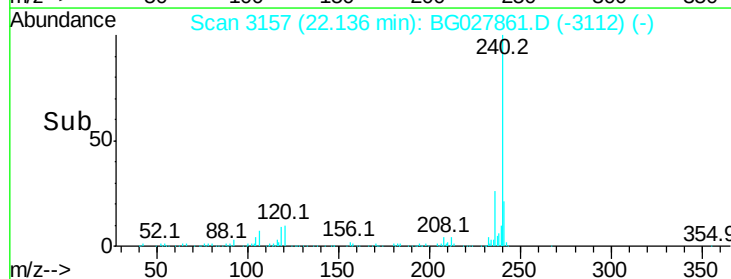
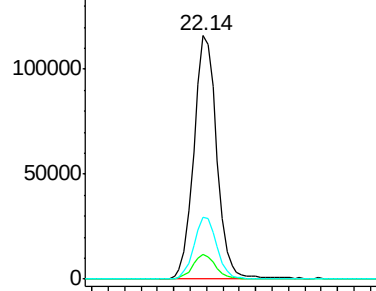


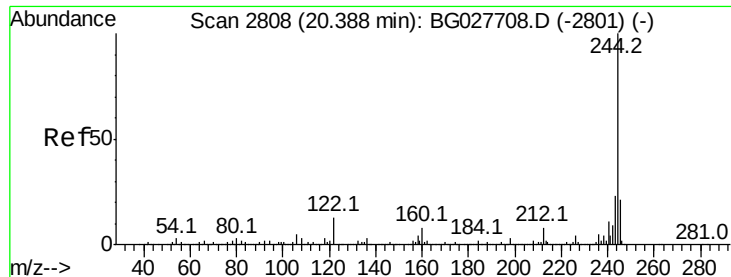
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.14 min Scan# 3157
 Delta R.T. -0.04 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

Tgt Ion:240 Resp: 227459
 Ion Ratio Lower Upper
 240 100
 120 10.3 5.7 8.5#
 236 25.7 22.2 33.4



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: 118.92 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

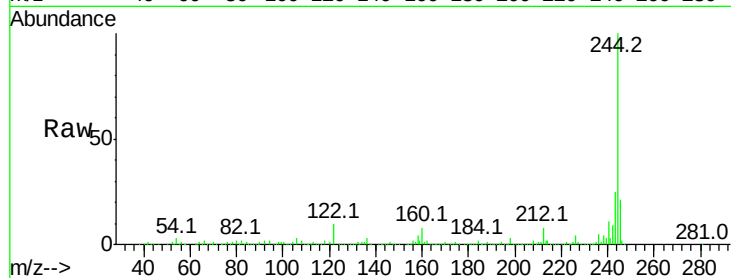
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1153798

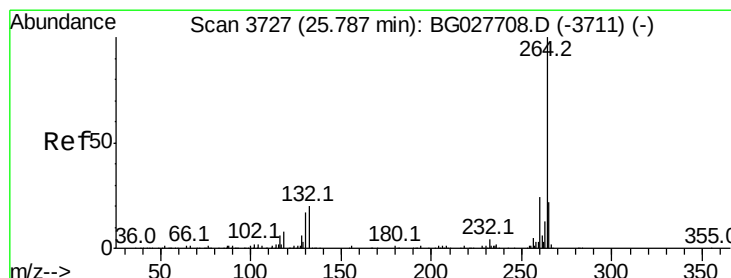
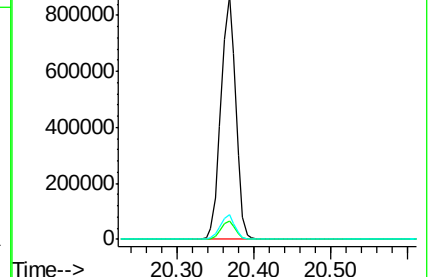
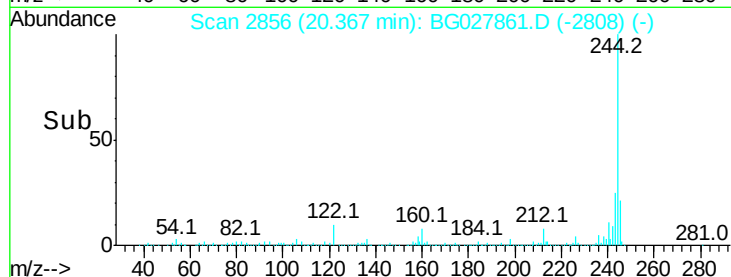
Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	10.2	8.6	12.8



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: 25.72 min Scan# 3767

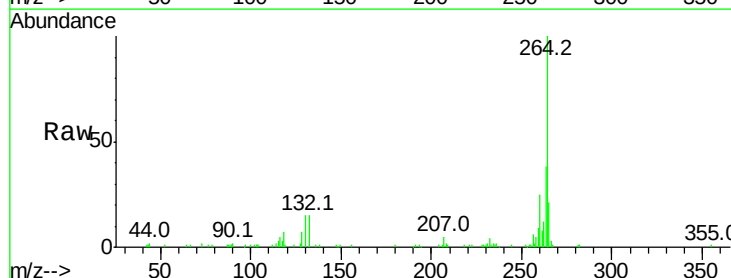
Delta R.T. -0.07 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

Tgt Ion:264 Resp: 119861

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.8	32.8
265	20.7	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

