

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027629.D
 Acq On : 23 Jun 2017 13:13
 Operator : SJ/JU
 Sample : I3657-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 15:20:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

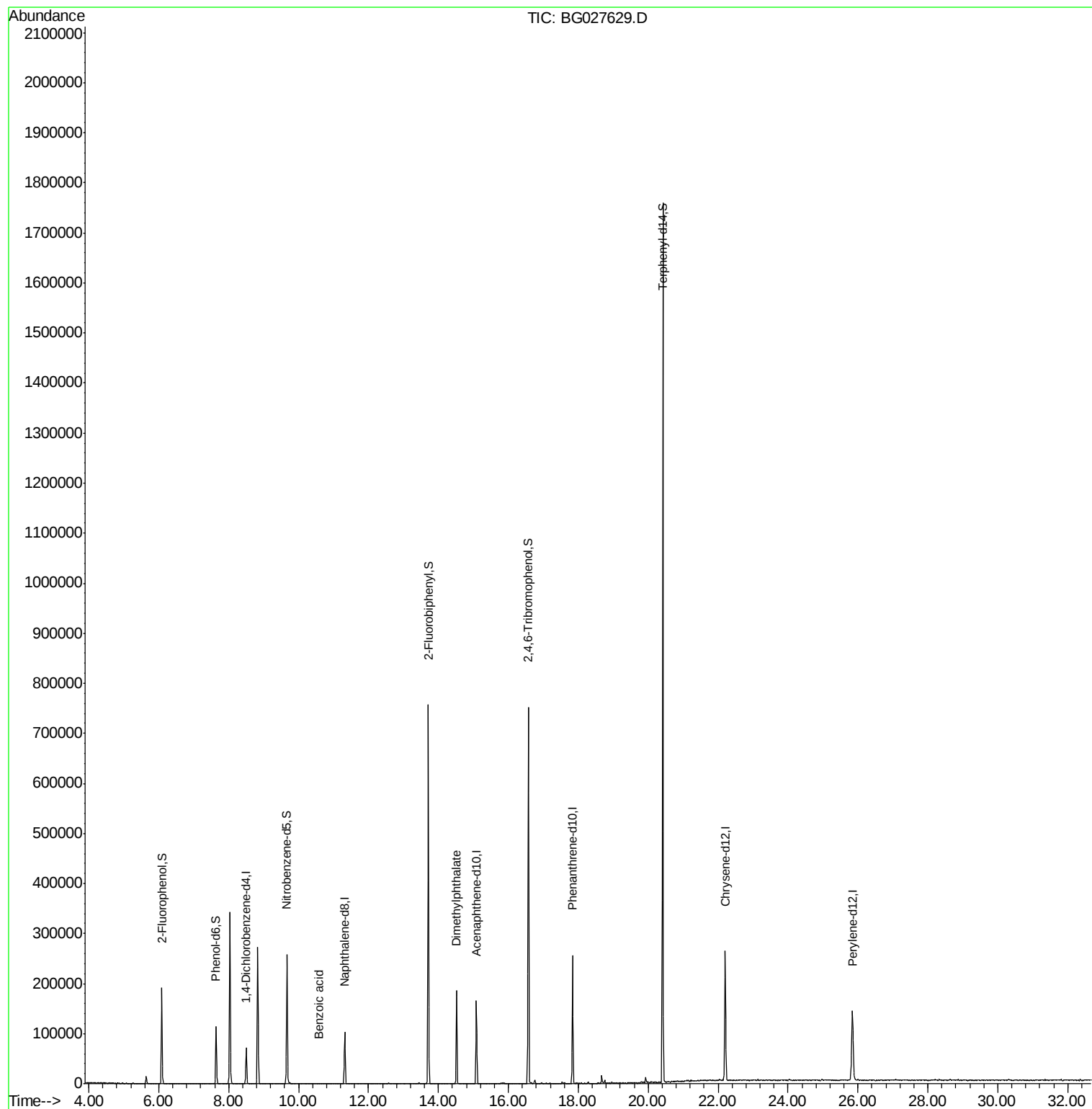
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	19137	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87017	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	54731	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	155778	20.00	ng	0.00
75) Chrysene-d12	22.20	240	176328	20.00	ng	-0.01
86) Perylene-d12	25.84	264	168592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	76370	56.80	ng	0.00
7) Phenol-d6	7.64	99	66531	33.42	ng	0.00
23) Nitrobenzene-d5	9.67	82	158027	85.93	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	137261	168.22	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	362176	90.39	ng	0.00
78) Terphenyl-d14	20.42	244	757710	101.24	ng	0.00
Target Compounds						
32) Benzoic acid	10.59	122	61	7.92	ng	Qvalue # 1
49) Dimethylphthalate	14.52	163	114207	23.83	ng	99

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

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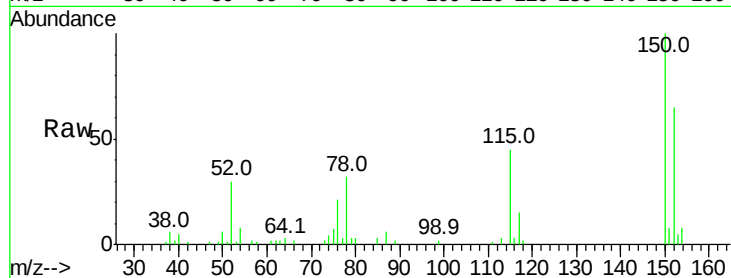


#1

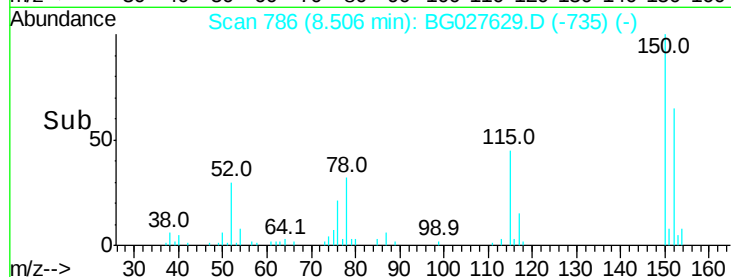
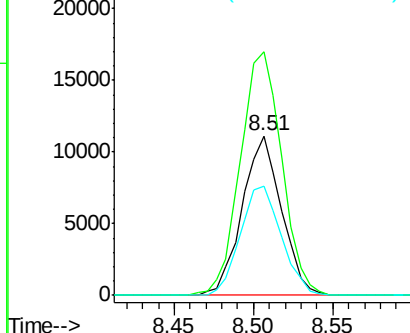
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027629.D
Acq: 23 Jun 2017 13:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19137
Ion Ratio Lower Upper
152 100
150 152.7 114.0 171.0
115 68.7 48.1 72.1



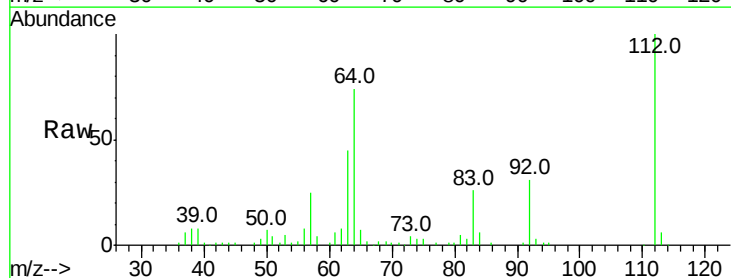
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



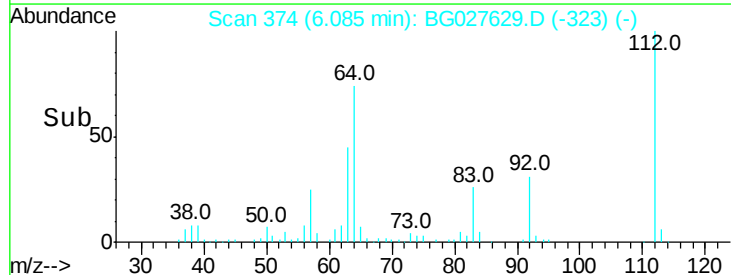
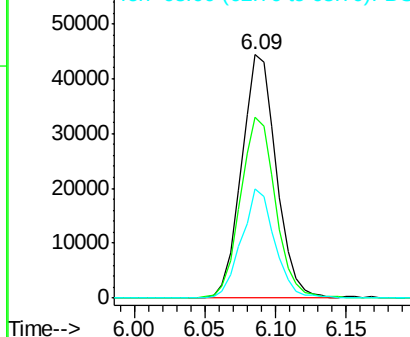
#5

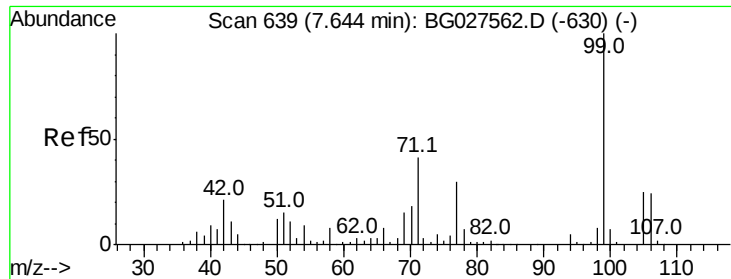
2-Fluorophenol
Concen: 56.80 ng
RT: 6.09 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027629.D
Acq: 23 Jun 2017 13:13

Tgt Ion:112 Resp: 76370
Ion Ratio Lower Upper
112 100
64 74.4 61.8 92.6
63 44.7 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.42 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

Instrument :

BNA_G

ClientSampled :

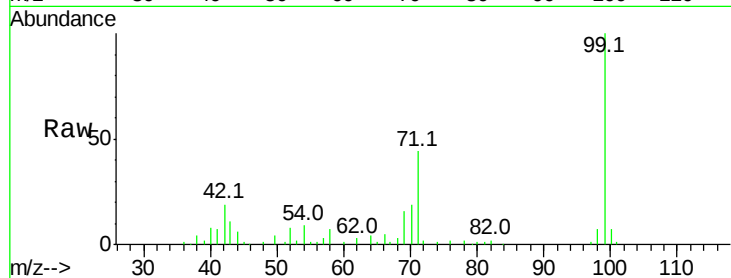
Tot Ion: 99 Resp: 66531

Ion Ratio Lower Upper

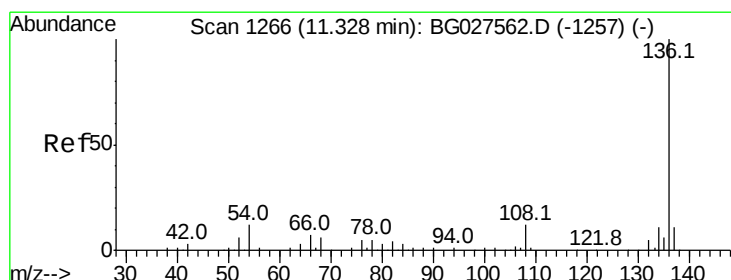
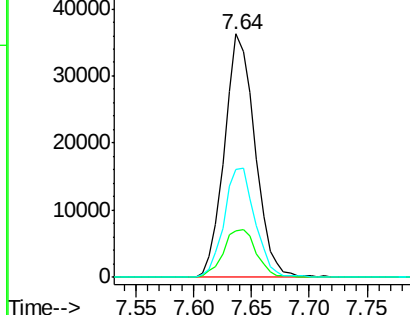
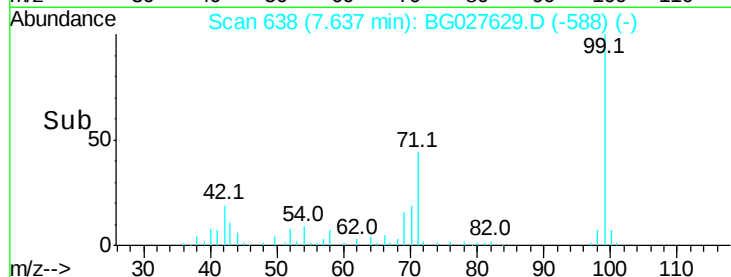
99 100

42 19.1 20.5 30.7#

71 44.1 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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

Tgt Ion: 136 Resp: 87017

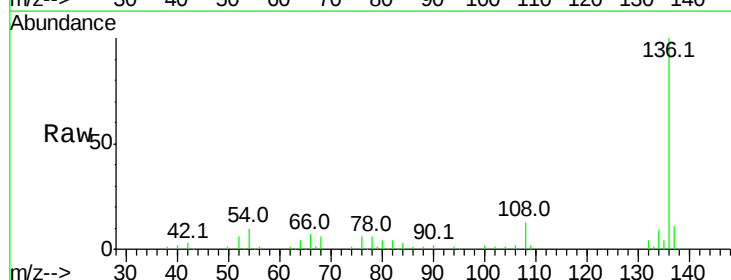
Ion Ratio Lower Upper

136 100

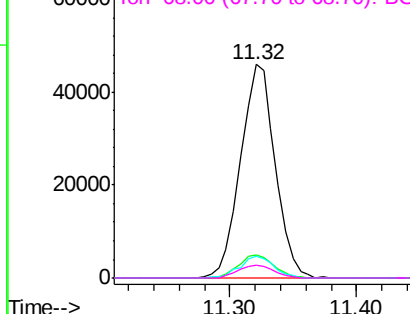
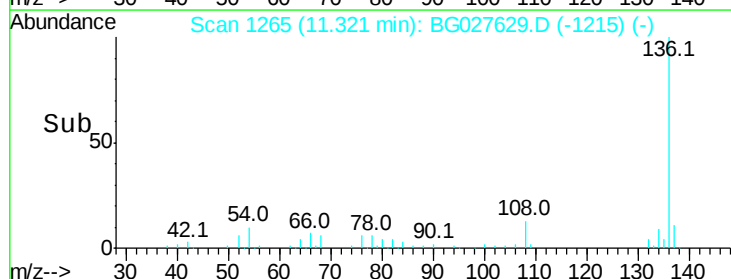
137 10.7 8.9 13.3

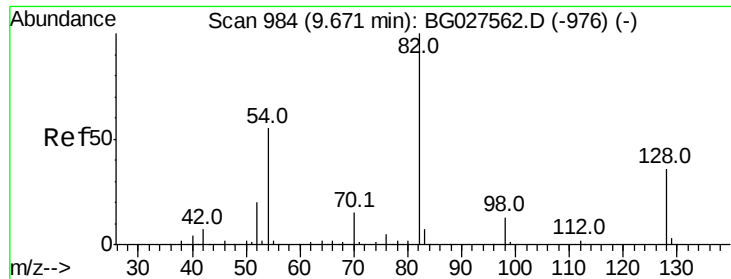
54 10.0 9.3 13.9

68 6.2 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: 85.93 ng

RT: 9.67 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

Instrument :

BNA_G

ClientSampleId :

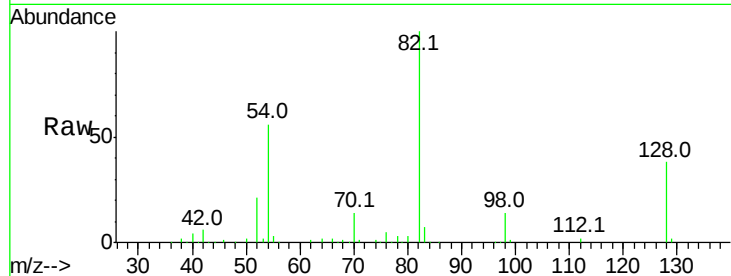
Tot Ion: 82 Resp: 158027

Ion Ratio Lower Upper

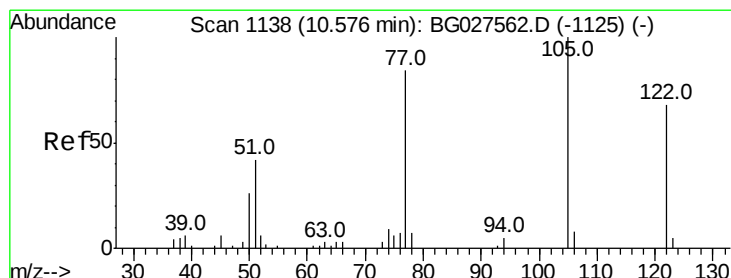
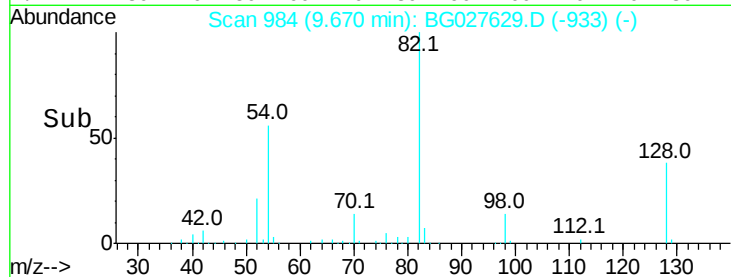
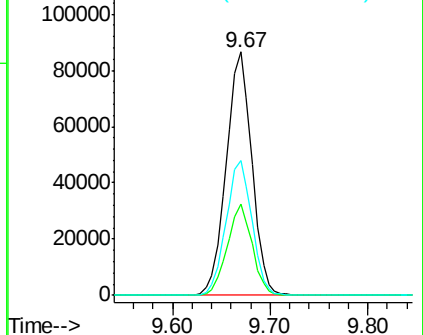
82 100

128 37.7 26.4 39.6

54 55.6 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



#32

Benzoic acid

Concen: 7.92 ng

RT: 10.59 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

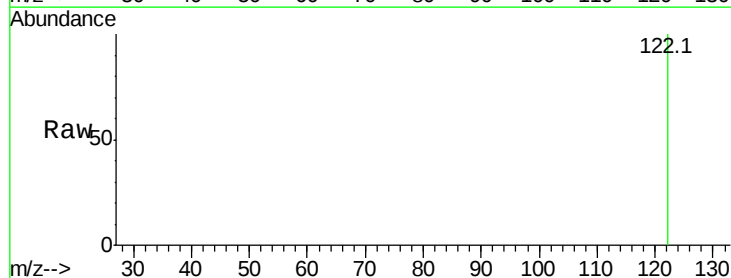
Tgt Ion:122 Resp: 61

Ion Ratio Lower Upper

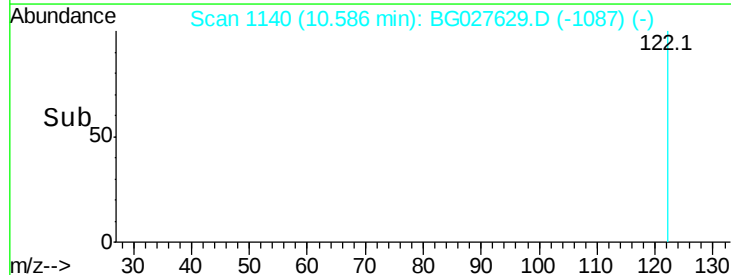
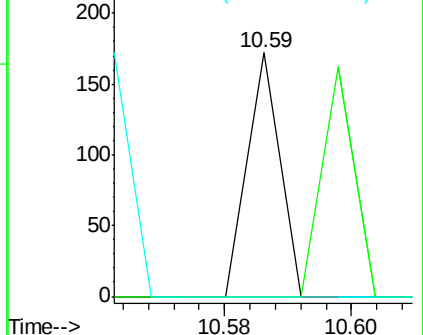
122 100

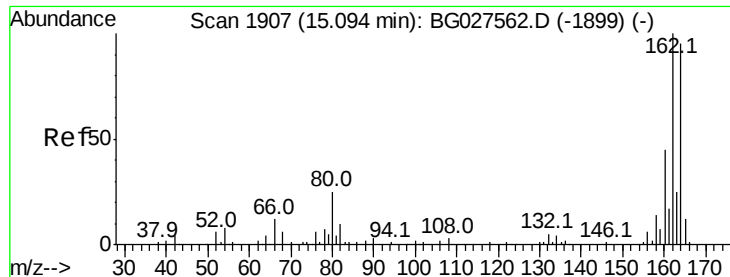
105 0.0 120.1 160.1#

77 0.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

Instrument :

BNA_G

ClientSampled :

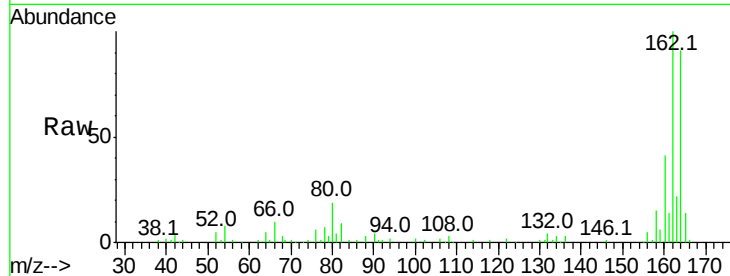
Tot Ion:164 Resp: 54731

Ion Ratio Lower Upper

164 100

162 109.4 85.1 127.7

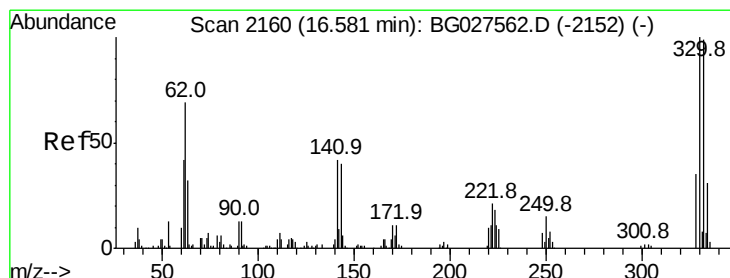
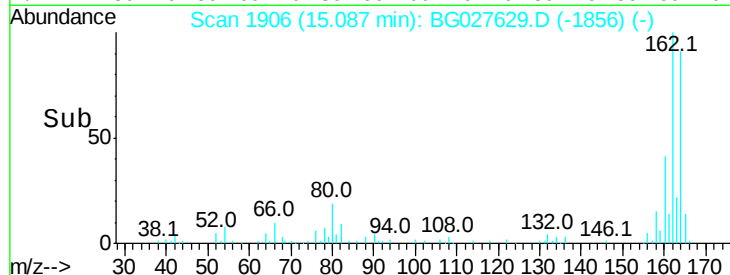
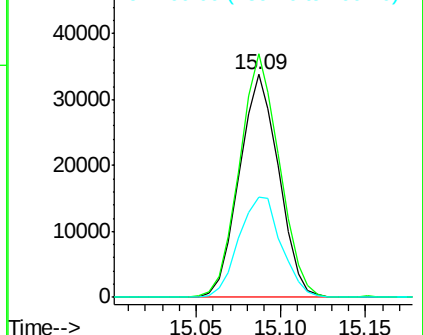
160 44.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 168.22 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

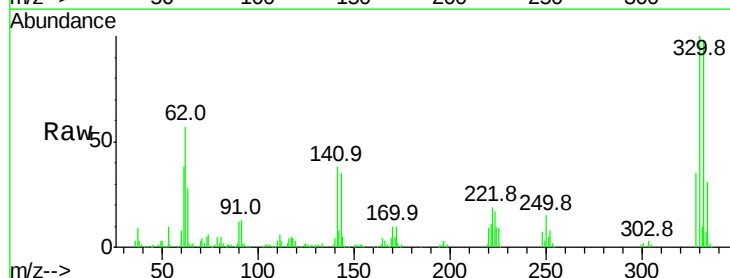
Tgt Ion:330 Resp: 137261

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

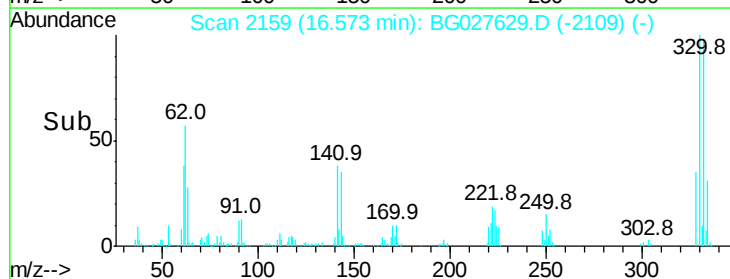
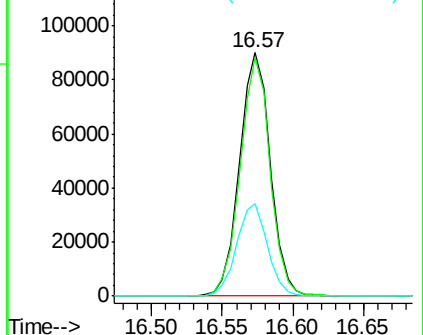
141 38.1 32.1 48.1

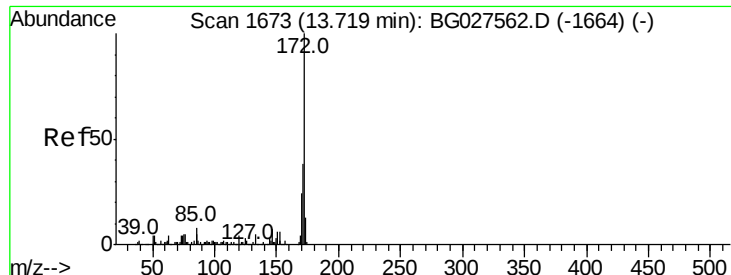


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

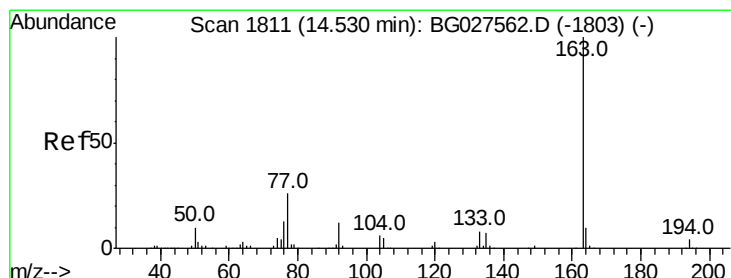
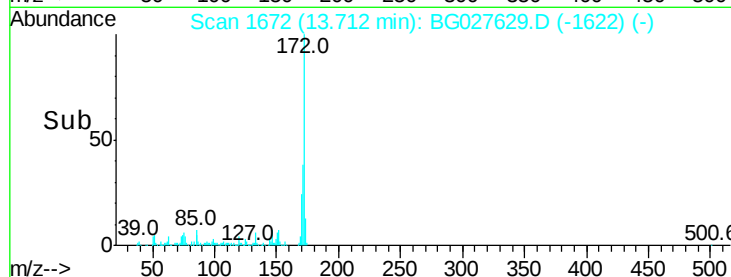
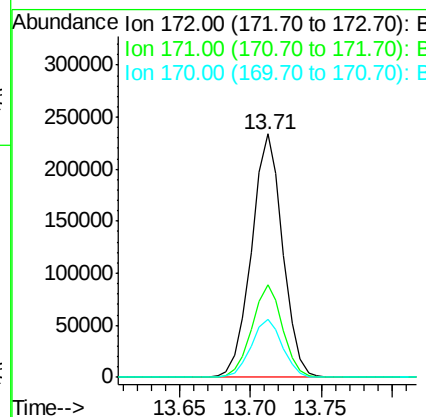
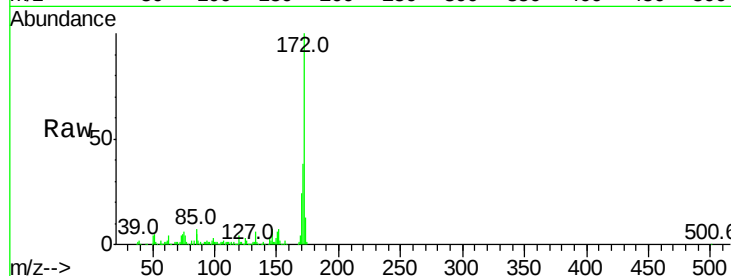




#44
2-Fluorobiphenyl
Concen: 90.39 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027629.D
Acq: 23 Jun 2017 13:13

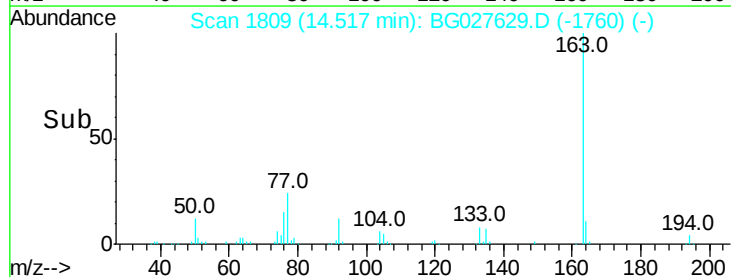
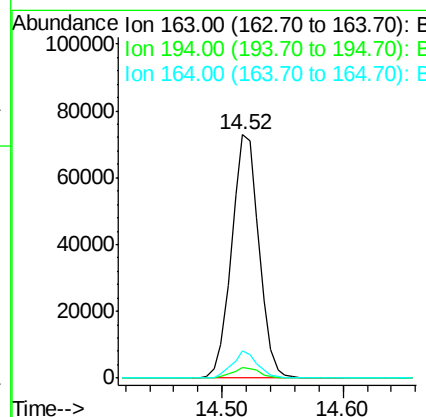
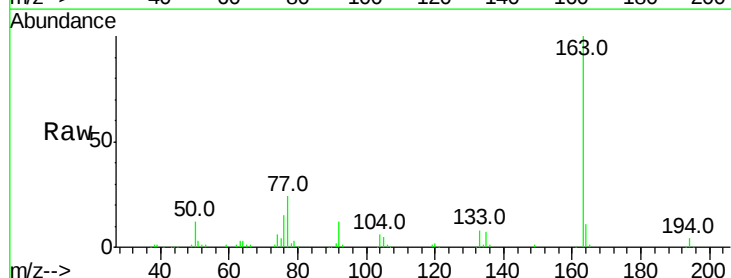
Instrument :
BNA_G
ClientSampleId :

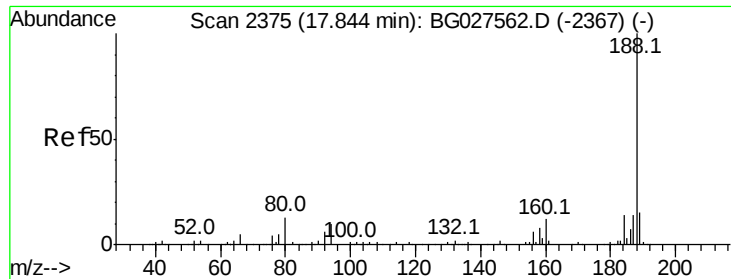
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	23.7	21.8	32.6



#49
Dimethylphthalate
Concen: 23.83 ng
RT: 14.52 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG027629.D
Acq: 23 Jun 2017 13:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	11.2	9.3	13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

Instrument :

BNA_G

ClientSampleId :

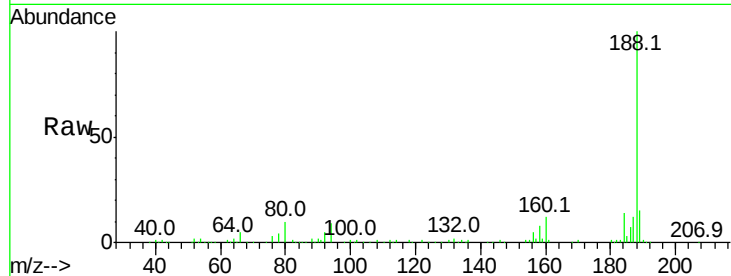
Tot Ion:188 Resp: 155778

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

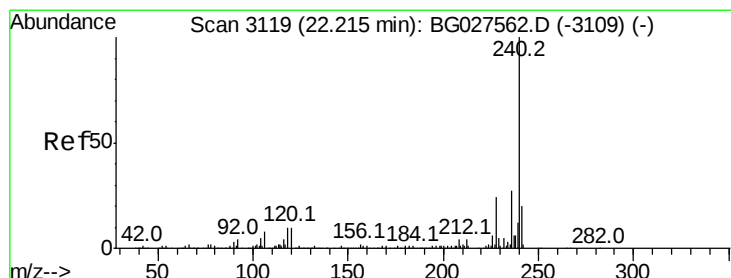
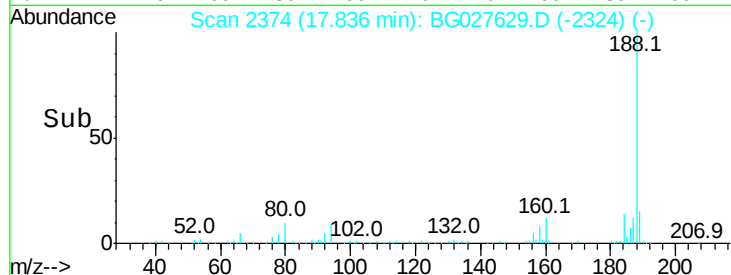
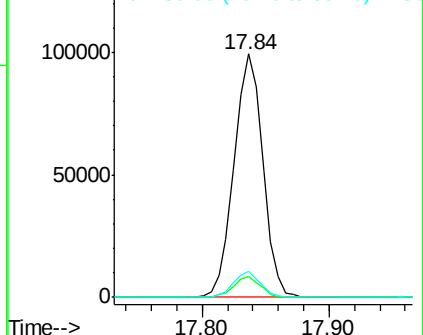
80 10.4 7.5 11.3



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: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

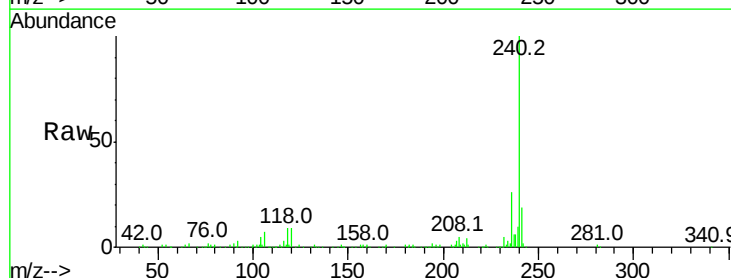
Tgt Ion:240 Resp: 176328

Ion Ratio Lower Upper

240 100

120 8.8 5.7 8.5#

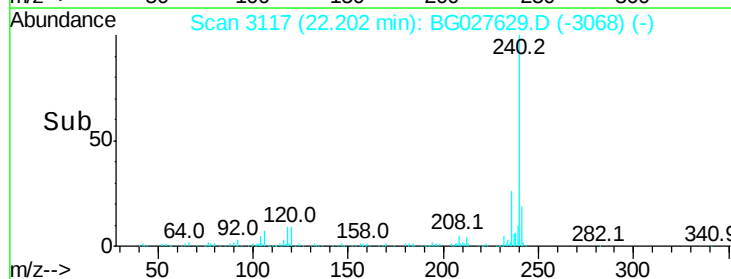
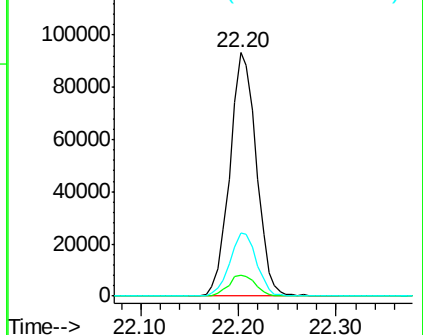
236 25.8 22.2 33.4

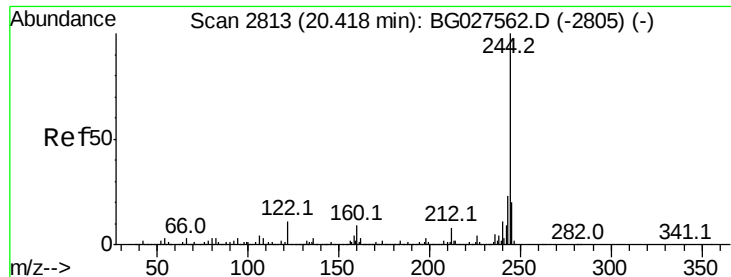


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.24 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

Instrument :

BNA_G

ClientSampleId :

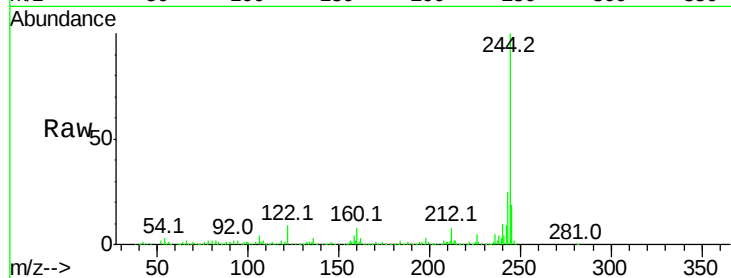
Tot Ion:244 Resp: 757710

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

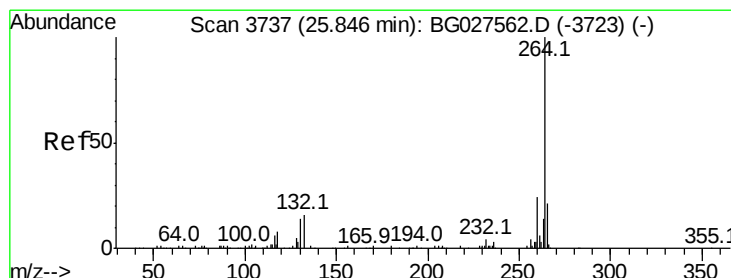
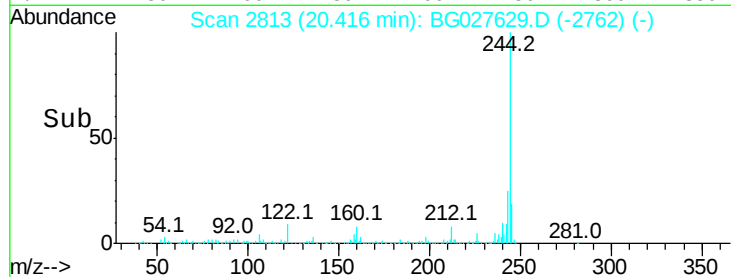
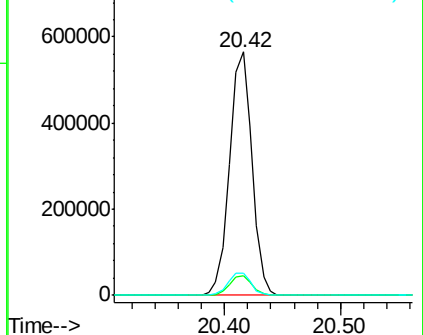
122 9.3 8.6 12.8



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: 25.84 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BG027629.D

Acq: 23 Jun 2017 13:13

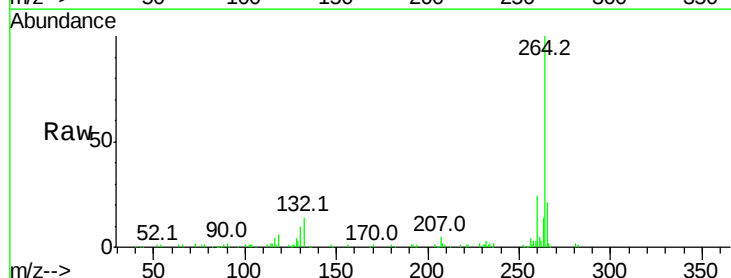
Tgt Ion:264 Resp: 168592

Ion Ratio Lower Upper

264 100

260 24.1 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

