

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027579.D
 Acq On : 22 Jun 2017 3:49
 Operator : SJ/JU
 Sample : PB99928BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 07:47:31 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	8.52	152	19765	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	88827	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	53953	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	172096	20.00	ng	0.00
75) Chrysene-d12	22.21	240	200976	20.00	ng	0.00
86) Perylene-d12	25.86	264	196082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	177616	127.90	ng	0.01
7) Phenol-d6	7.65	99	242114	117.76	ng	0.00
23) Nitrobenzene-d5	9.68	82	148288	78.99	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	117368	145.92	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	322089	81.55	ng	0.00
78) Terphenyl-d14	20.42	244	748207	87.71	ng	0.00

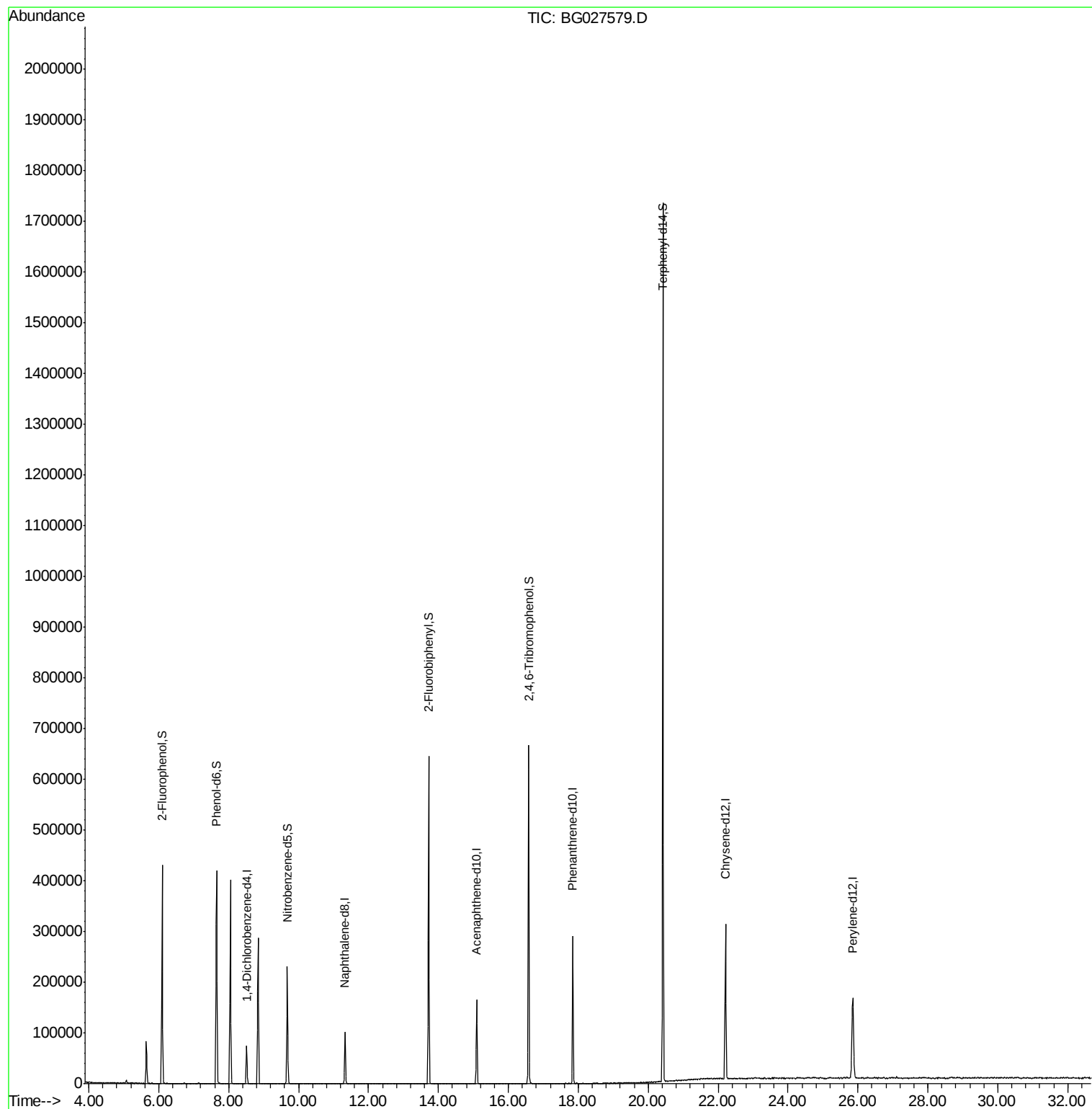
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.52 min Scan# 788

Delta R.T. 0.01 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

Instrument :

BNA_G

ClientSampleId :

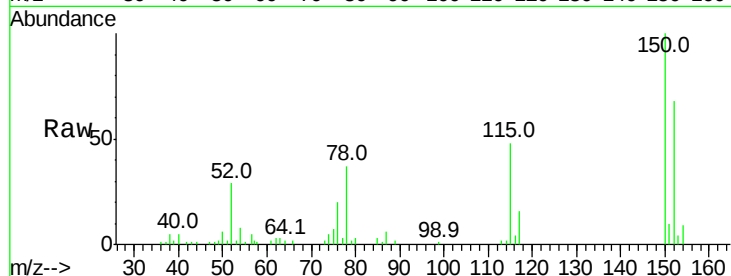
Tot Ion:152 Resp: 19765

Ion Ratio Lower Upper

152 100

150 147.6 114.0 171.0

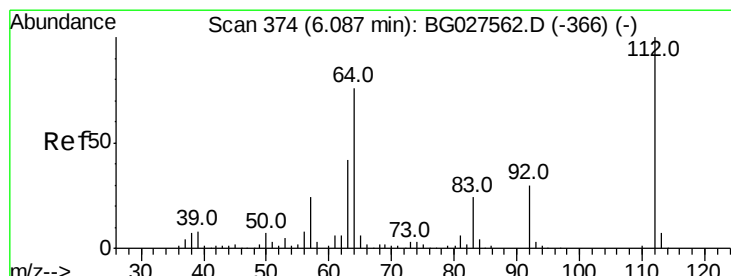
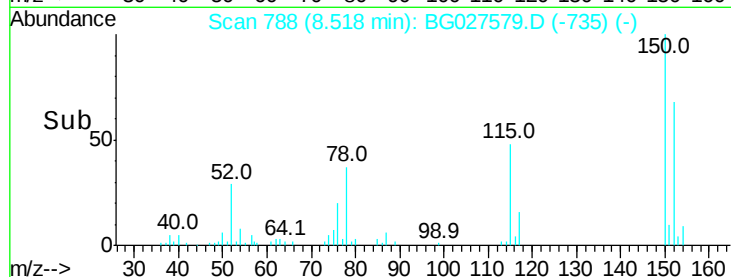
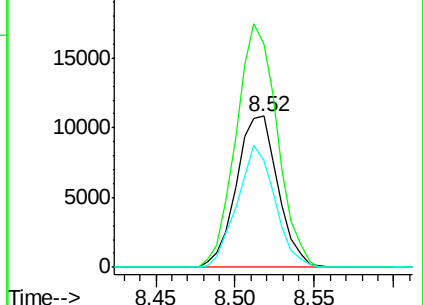
115 70.3 48.1 72.1



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: 127.90 ng

RT: 6.10 min Scan# 376

Delta R.T. 0.01 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

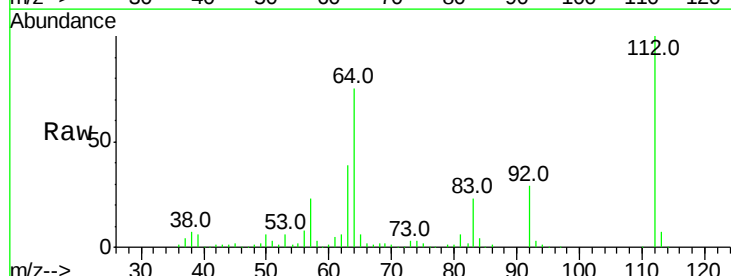
Tgt Ion:112 Resp: 177616

Ion Ratio Lower Upper

112 100

64 75.2 61.8 92.6

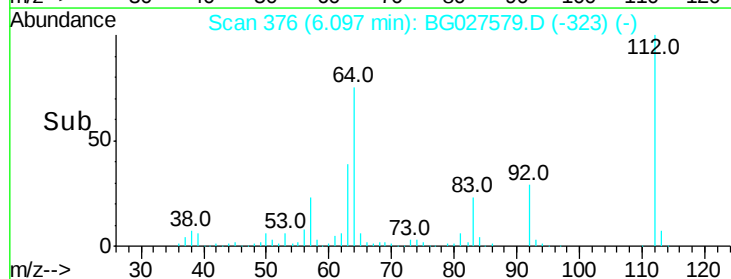
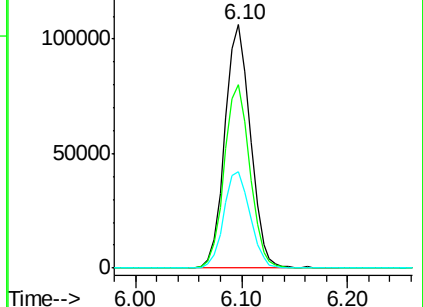
63 39.5 37.2 55.8

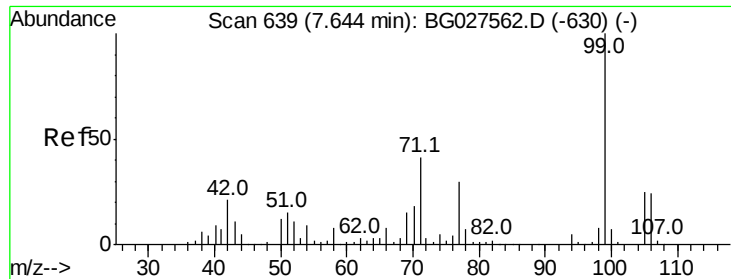


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.76 ng

RT: 7.65 min Scan# 641

Delta R.T. 0.01 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

Instrument :

BNA_G

ClientSampleId :

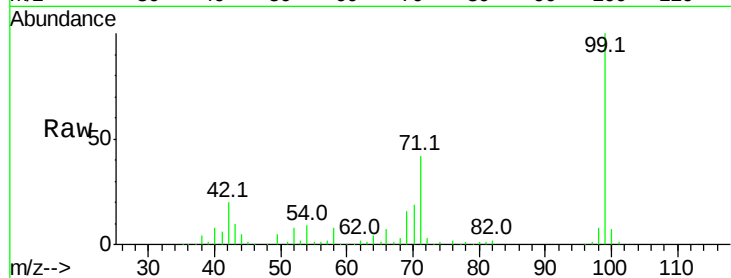
Tot Ion: 99 Resp: 242114

Ion Ratio Lower Upper

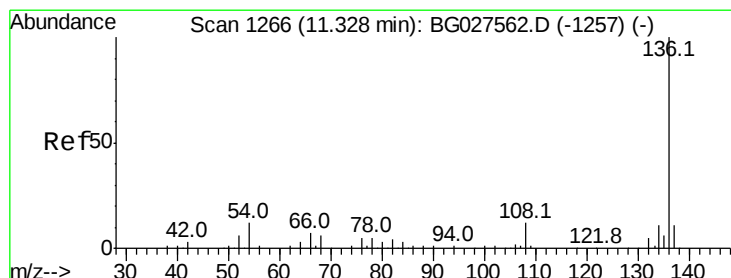
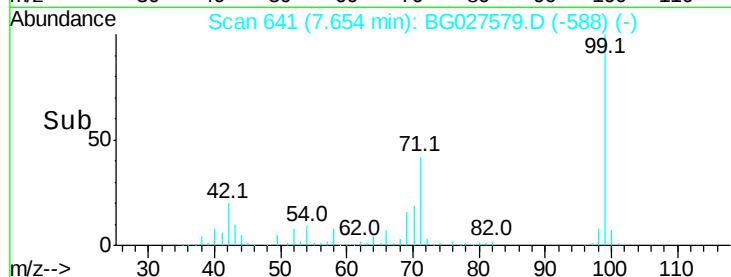
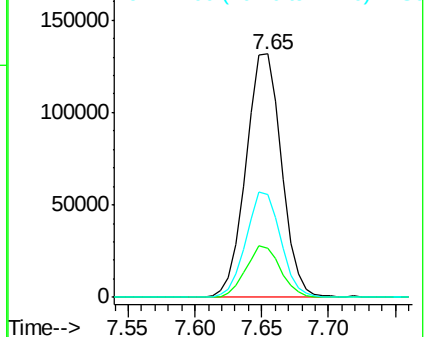
99 100

42 20.0 20.5 30.7#

71 42.5 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: 11.33 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

Tgt Ion: 136 Resp: 88827

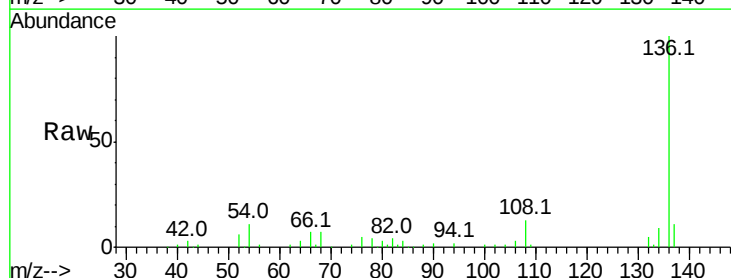
Ion Ratio Lower Upper

136 100

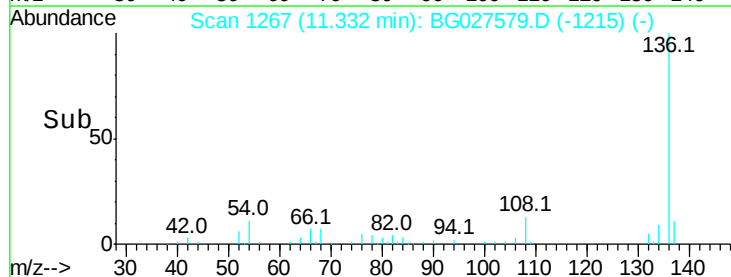
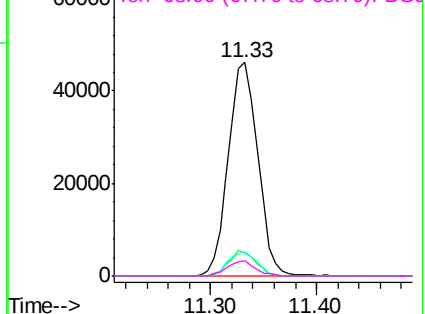
137 11.1 8.9 13.3

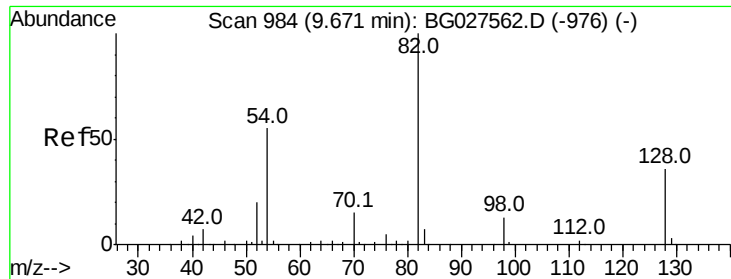
54 11.3 9.3 13.9

68 6.9 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

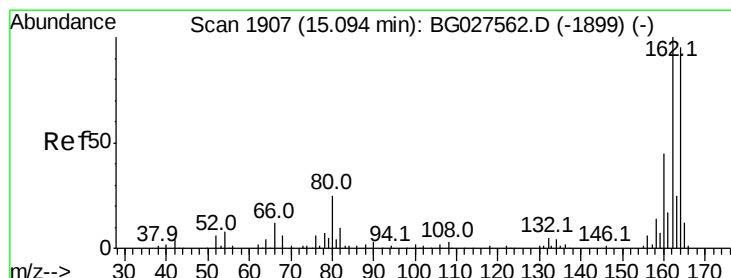
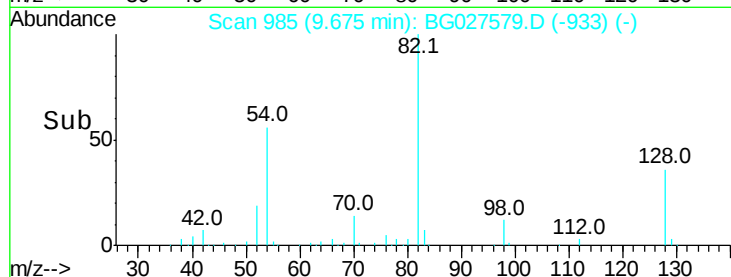
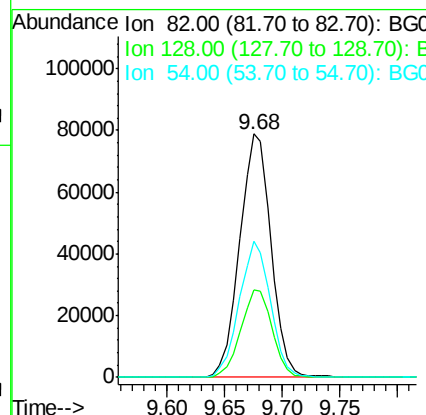
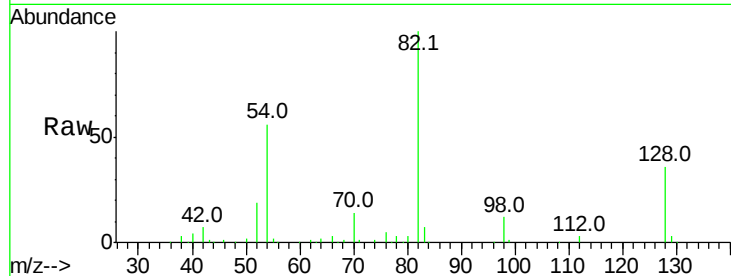




#23
 Nitrobenzene-d5
 Concen: 78.99 ng
 RT: 9.68 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BG027579.D
 Acq: 22 Jun 2017 3:49

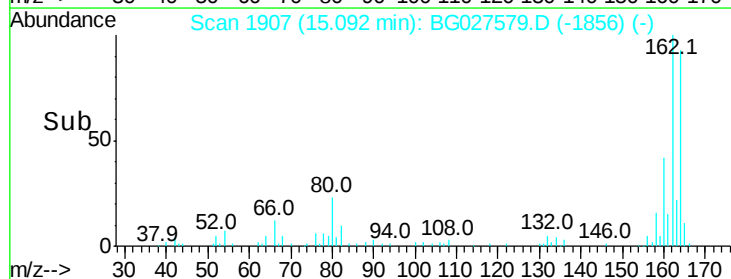
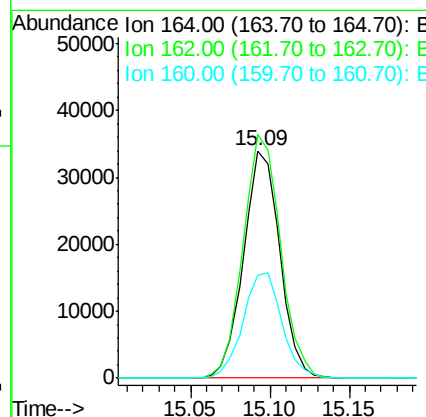
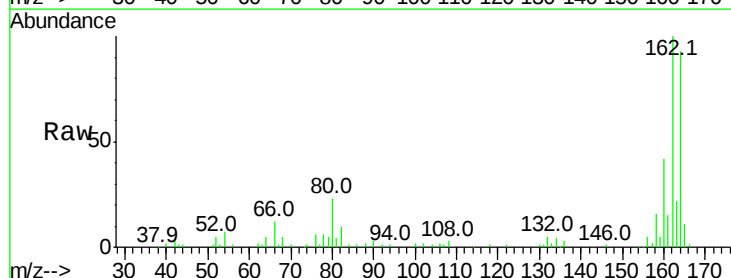
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	148288
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	56.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BG027579.D
 Acq: 22 Jun 2017 3:49

Tgt Ion	164	Resp	53953
Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	45.3	34.7	52.1

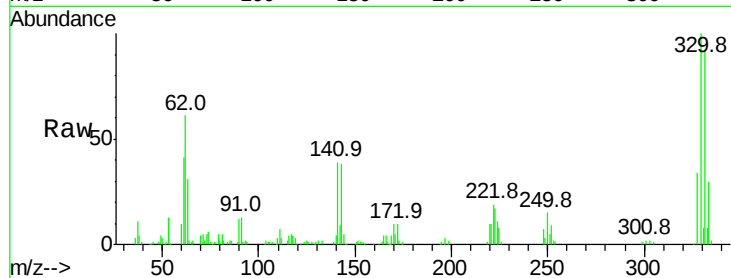




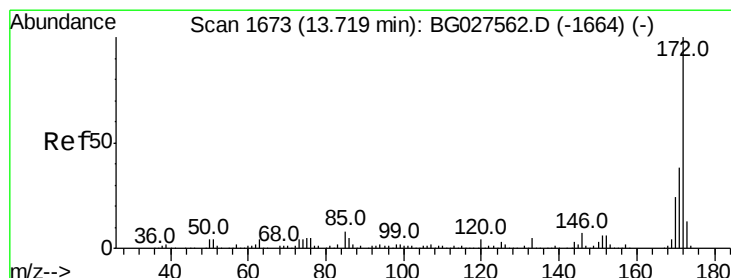
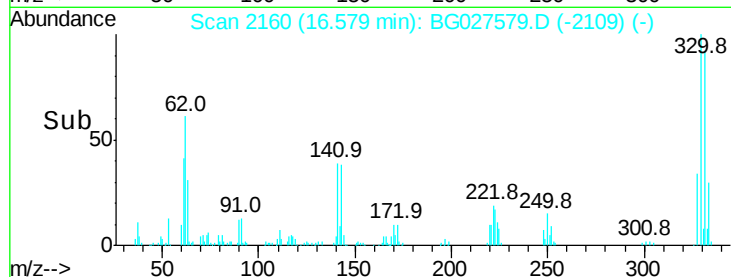
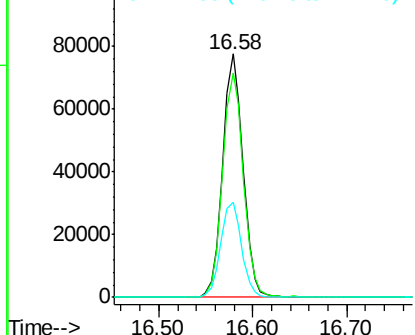
#41
 2,4,6-Tribromophenol
 Concen: 145.92 ng
 RT: 16.58 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG027579.D
 Acq: 22 Jun 2017 3:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.3	115.9
141	40.2	32.1	48.1

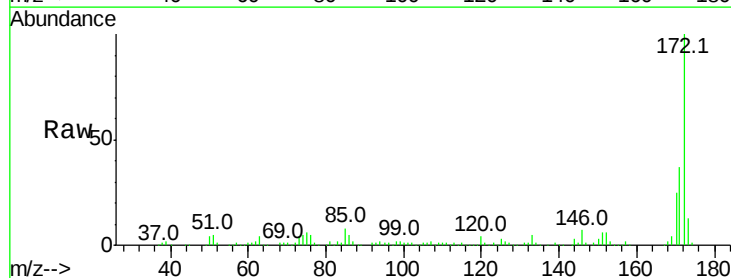


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

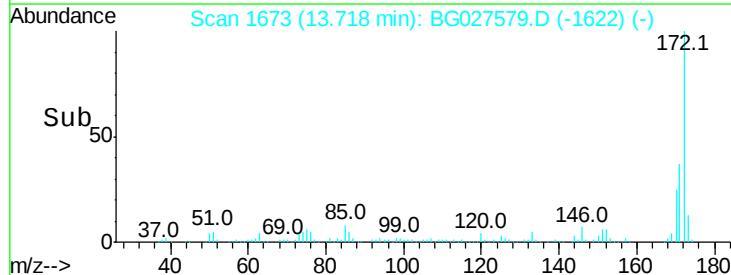
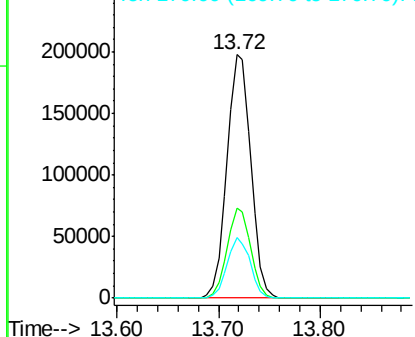


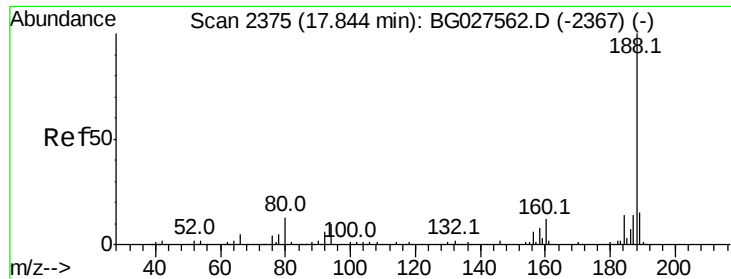
#44
 2-Fluorobiphenyl
 Concen: 81.55 ng
 RT: 13.72 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG027579.D
 Acq: 22 Jun 2017 3:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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: 20.00 ng

RT: 17.84 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

Instrument :

BNA_G

ClientSampled :

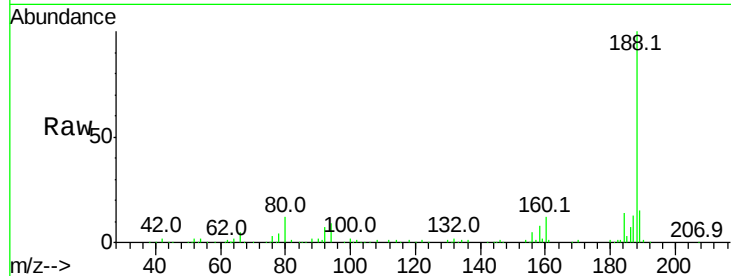
Tot Ion:188 Resp: 172096

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

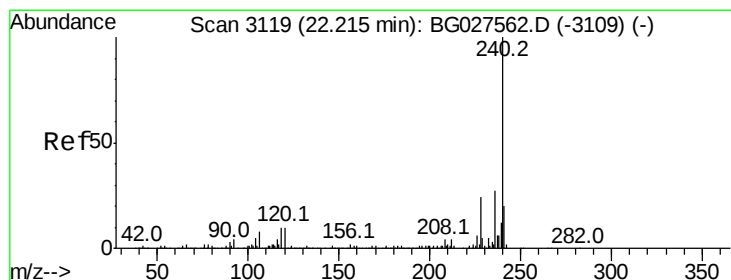
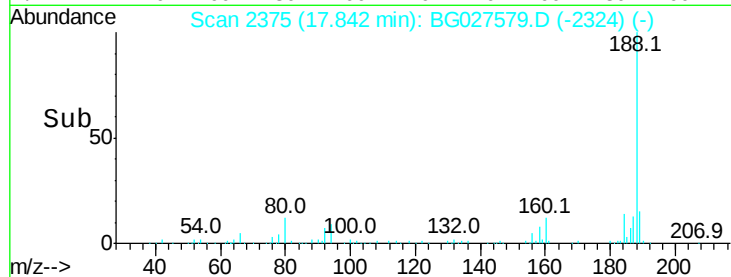
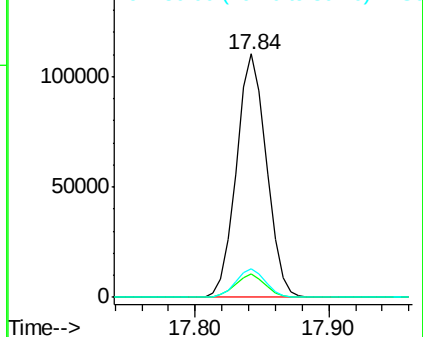
80 11.9 7.5 11.3#



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: 22.21 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

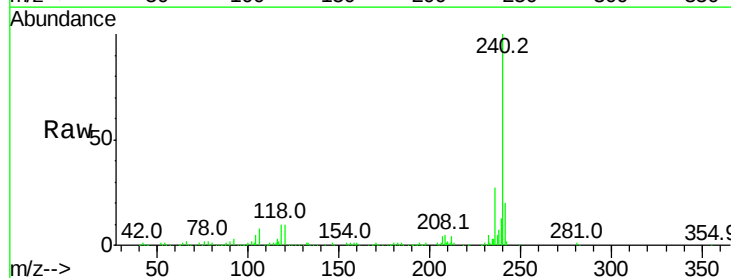
Tgt Ion:240 Resp: 200976

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

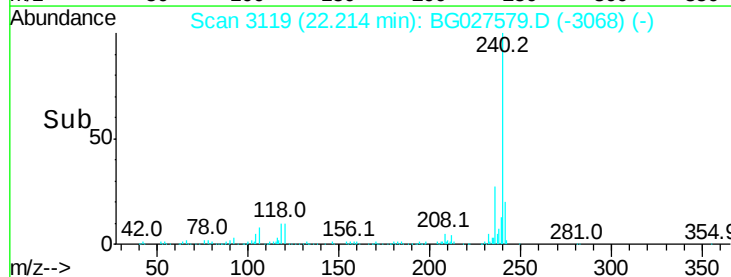
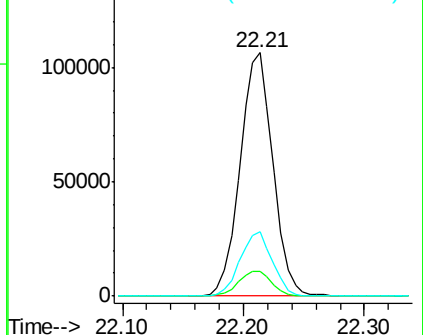
236 26.5 22.2 33.4

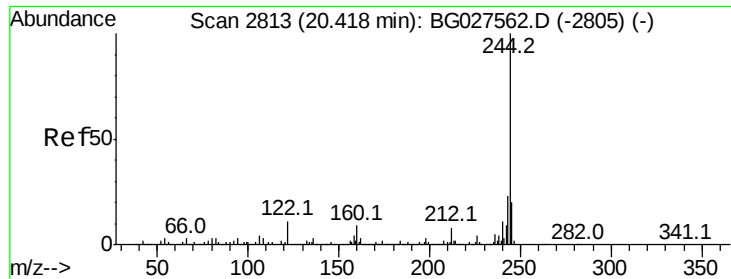


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.71 ng

RT: 20.42 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

Instrument :

BNA_G

ClientSampleId :

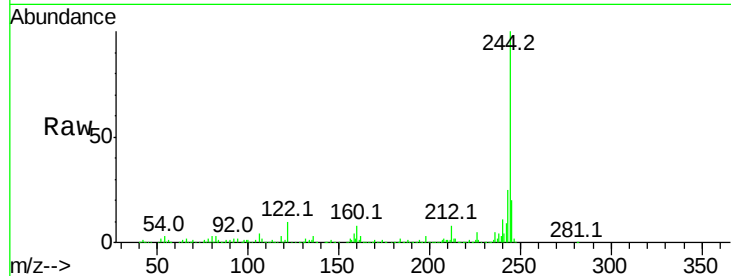
Tot Ion:244 Resp: 748207

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

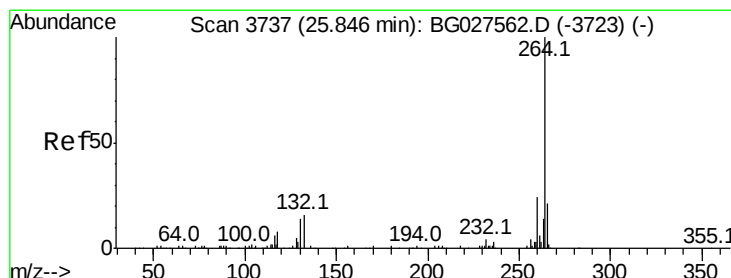
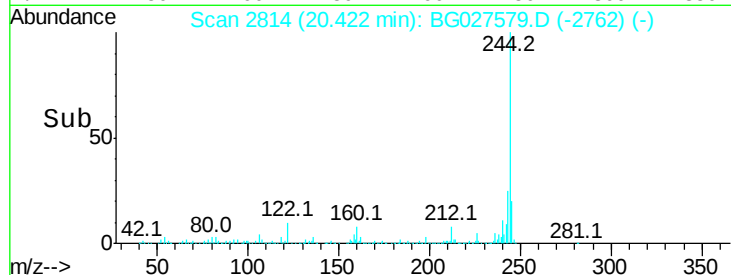
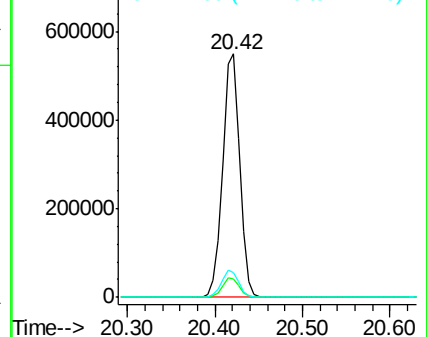
122 10.2 8.6 12.8



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: 25.86 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG027579.D

Acq: 22 Jun 2017 3:49

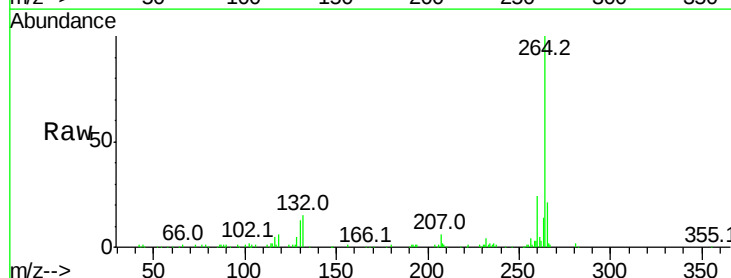
Tgt Ion:264 Resp: 196082

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 20.8 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

