

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027762.D
 Acq On : 30 Jun 2017 20:27
 Operator : SJ/JU
 Sample : PB100317TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 00:53:37 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

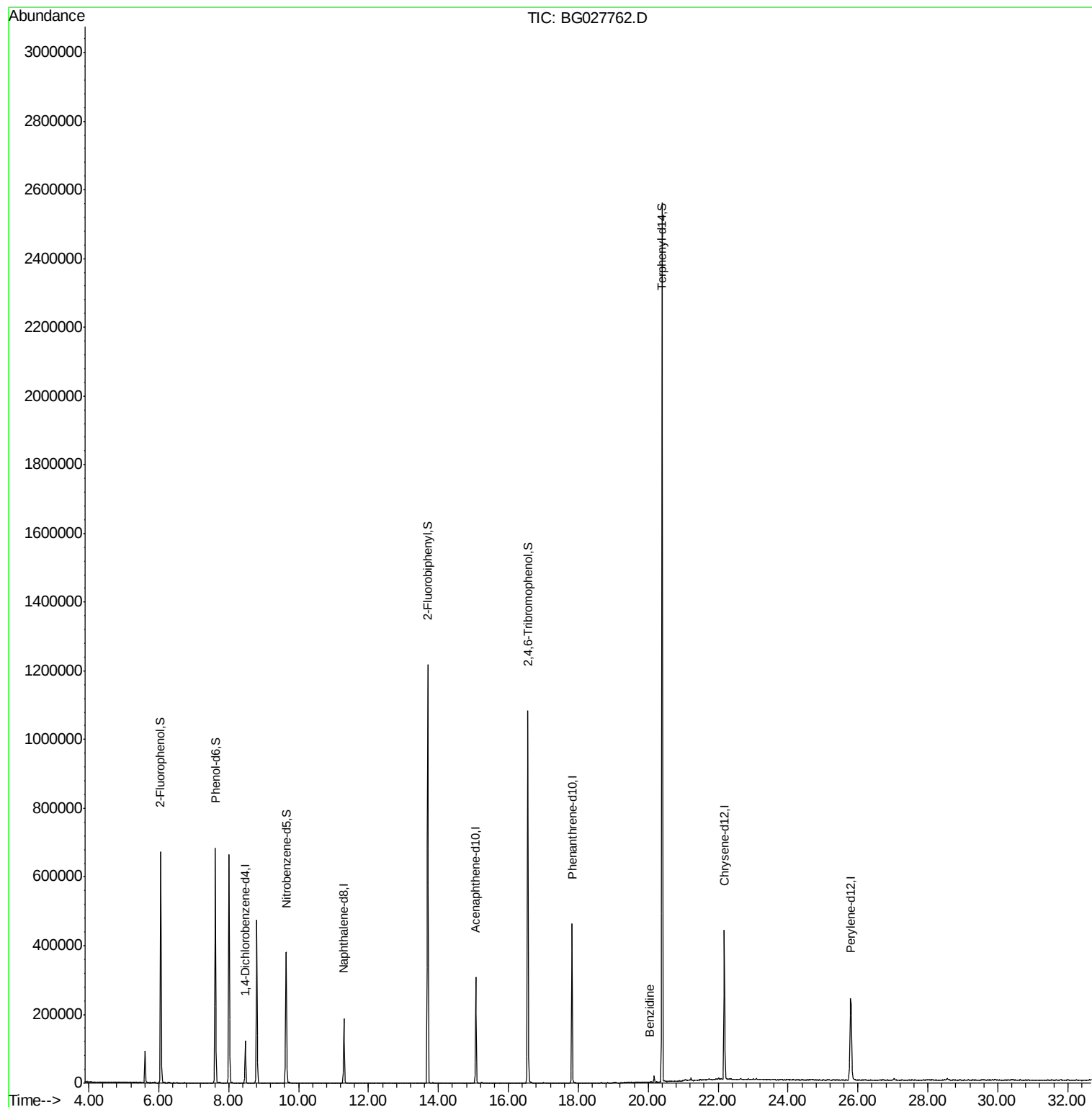
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	35815	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	168702	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	105109	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	275585	20.00	ng	0.00
75) Chrysene-d12	22.18	240	281745	20.00	ng	0.00
86) Perylene-d12	25.80	264	274538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	301260	129.53	ng	0.00
7) Phenol-d6	7.62	99	415407	116.91	ng	0.00
23) Nitrobenzene-d5	9.65	82	244765	80.87	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	201625	139.85	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	626150	85.08	ng	0.00
78) Terphenyl-d14	20.40	244	1123130	93.45	ng	0.00
Target Compounds						
76) Benzidine	20.06	184	55	3.22	ng	Qvalue # 64

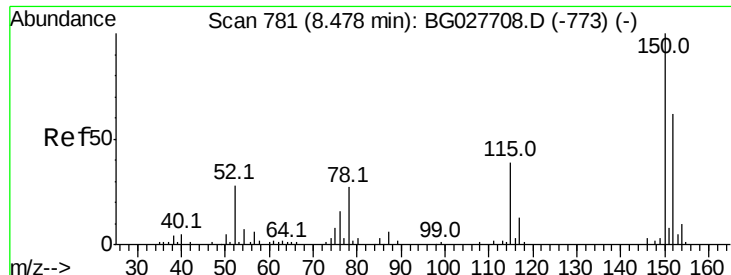
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
Data File : BG027762.D
Acq On : 30 Jun 2017 20:27
Operator : SJ/JU
Sample : PB100317TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 01 00:53:37 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



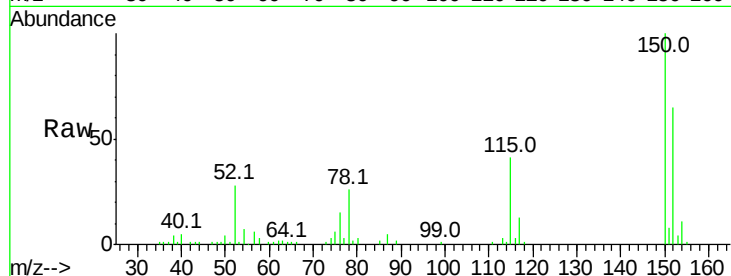


#1

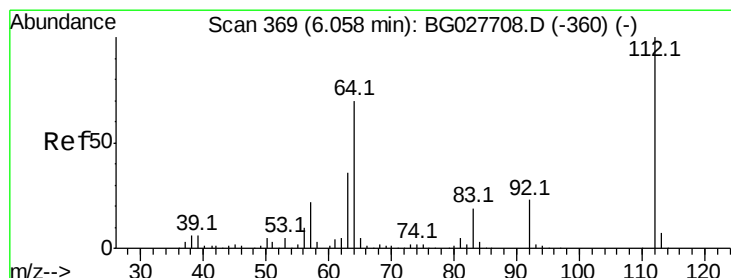
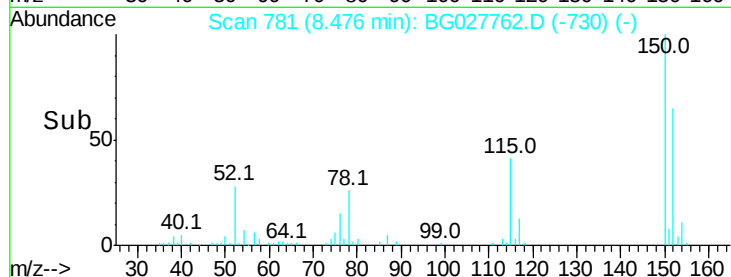
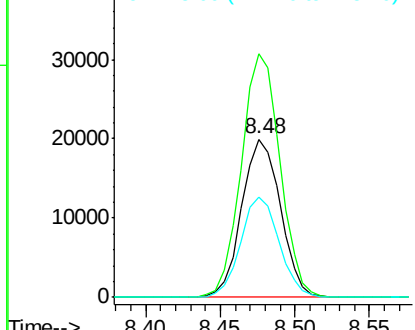
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35815
Ion Ratio Lower Upper
152 100
150 154.1 114.0 171.0
115 63.2 48.1 72.1



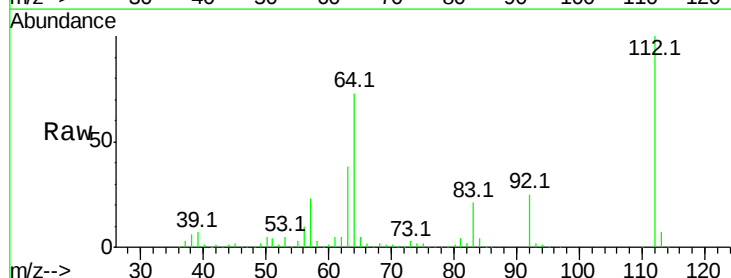
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



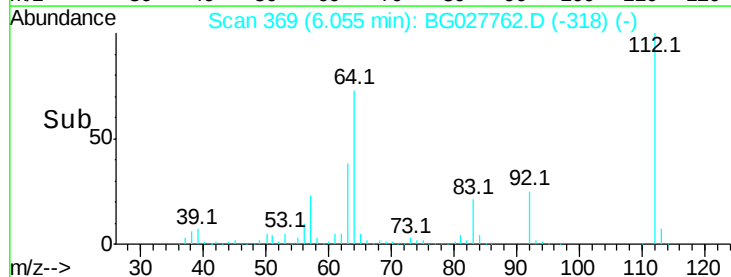
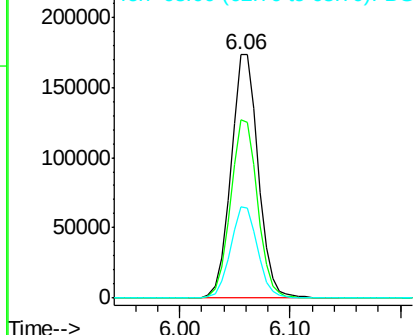
#5

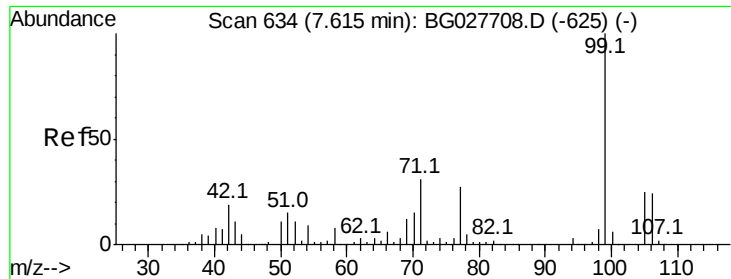
2-Fluorophenol
Concen: 129.53 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Tgt Ion:112 Resp: 301260
Ion Ratio Lower Upper
112 100
64 73.0 61.8 92.6
63 37.6 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: 116.91 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

Instrument :

BNA_G

ClientSampleId :

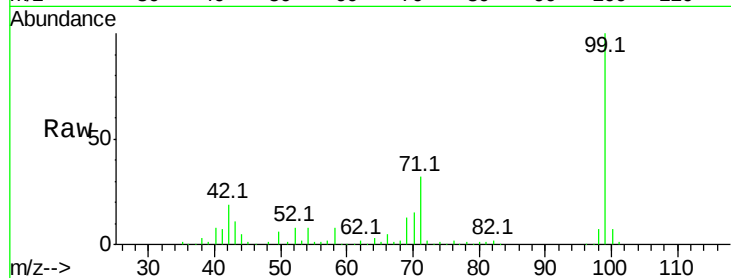
Tot Ion: 99 Resp: 415407

Ion Ratio Lower Upper

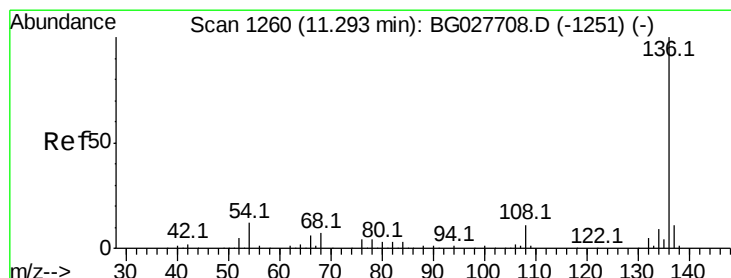
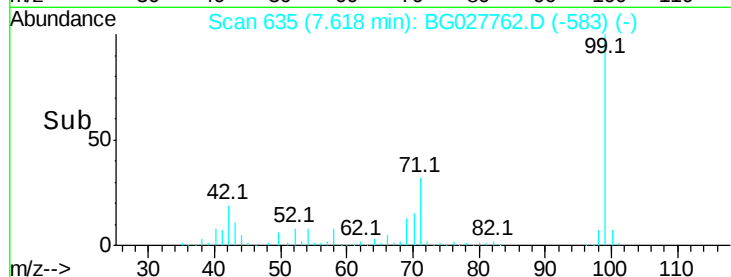
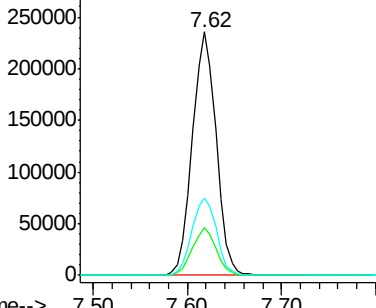
99 100

42 19.5 20.5 30.7#

71 31.9 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

Tgt Ion: 136 Resp: 168702

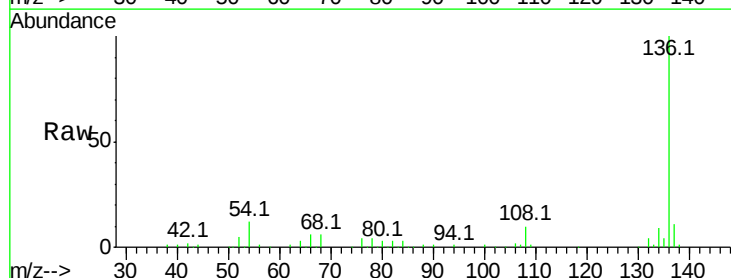
Ion Ratio Lower Upper

136 100

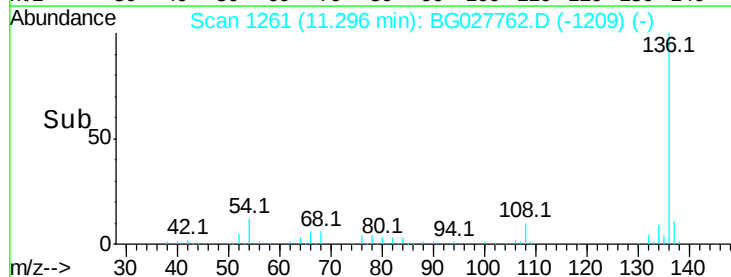
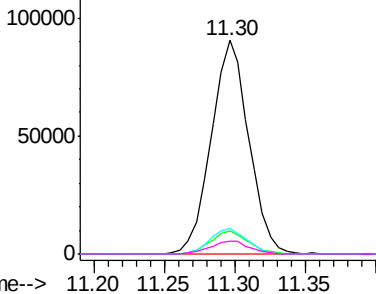
137 10.6 8.9 13.3

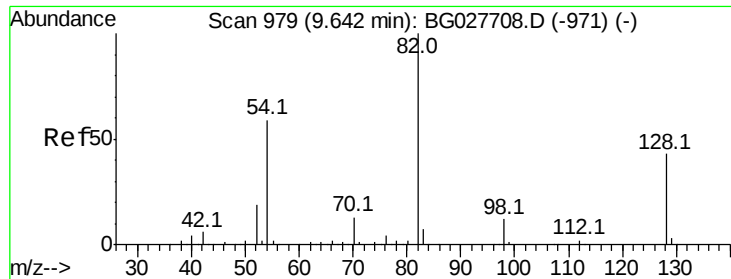
54 11.8 9.3 13.9

68 6.3 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

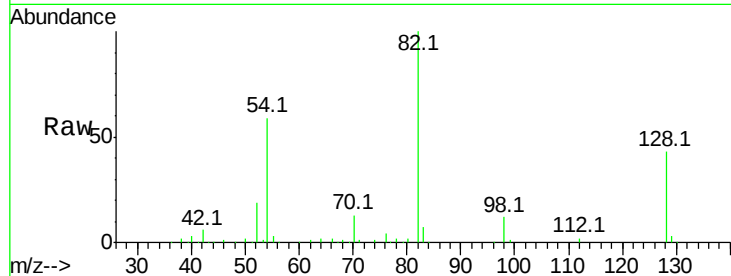




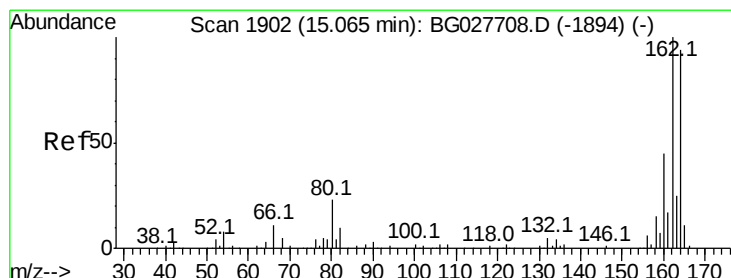
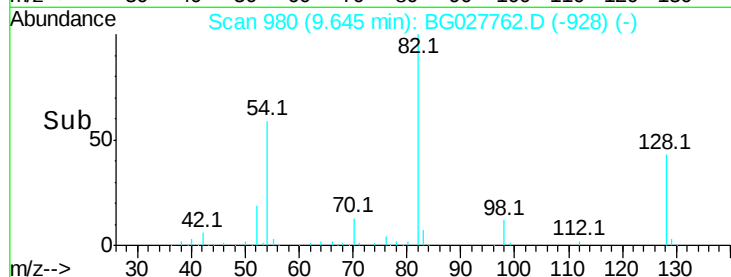
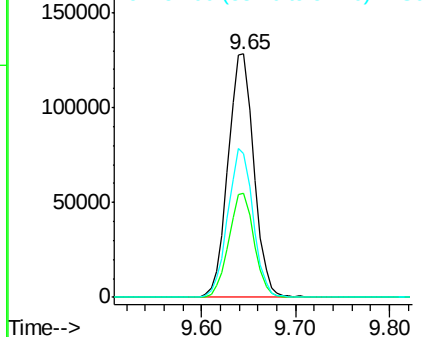
#23
 Nitrobenzene-d5
 Concen: 80.87 ng
 RT: 9.65 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	244765
Ion Ratio	Lower	Upper	
82	100		
128	43.0	26.4	39.6#
54	58.9	49.4	74.2

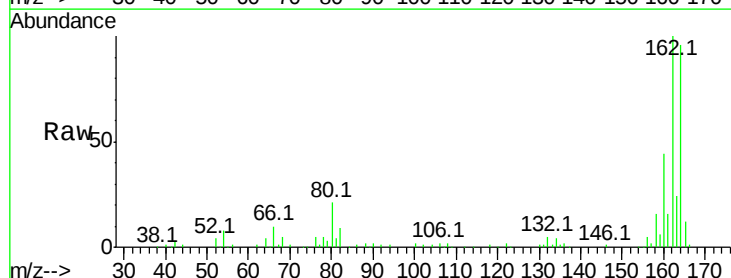


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

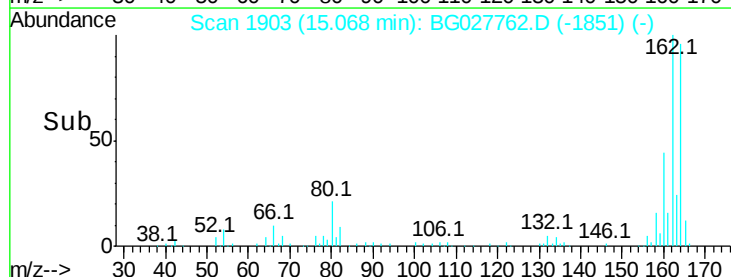
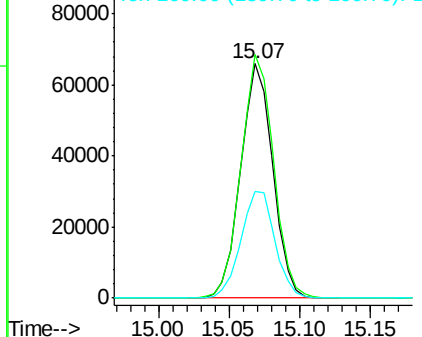


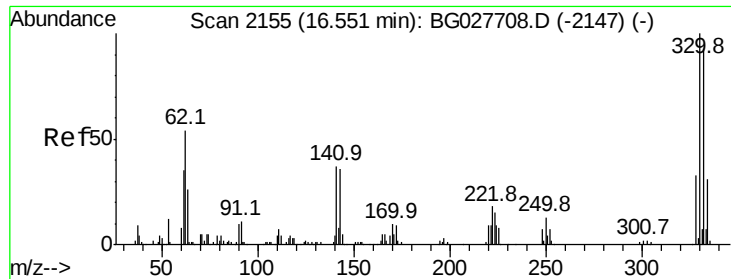
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

Tgt Ion	164	Resp	105109
Ion Ratio	Lower	Upper	
164	100		
162	103.8	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

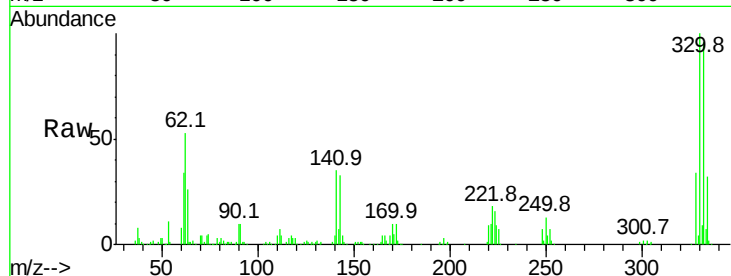




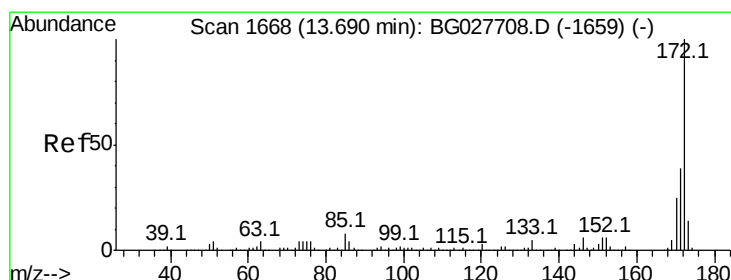
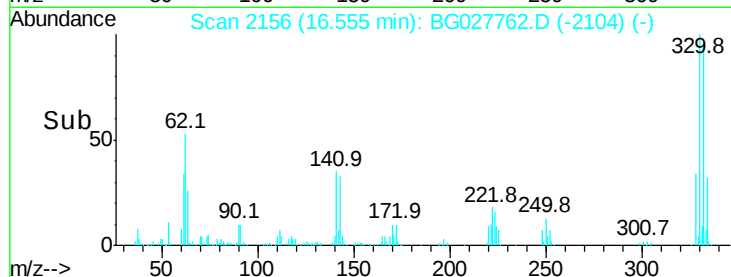
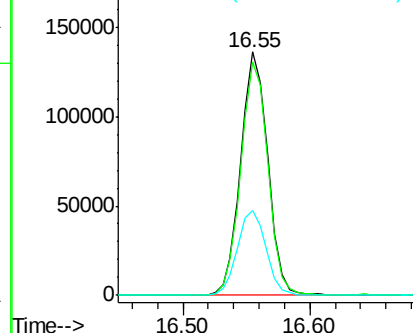
#41
 2,4,6-Tribromophenol
 Concen: 139.85 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	36.9	32.1	48.1

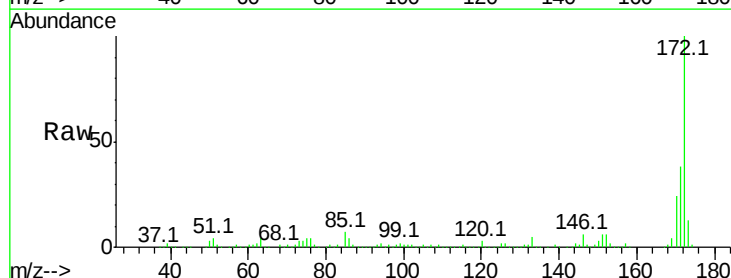


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

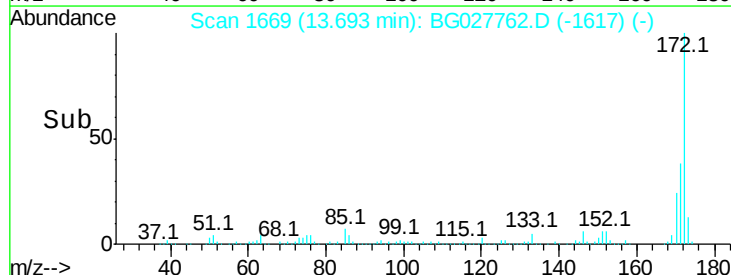
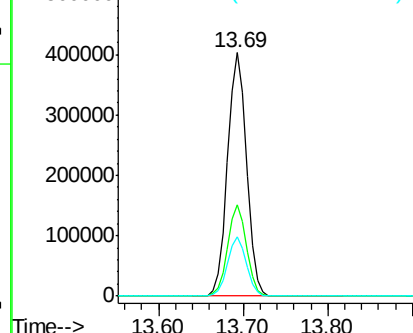


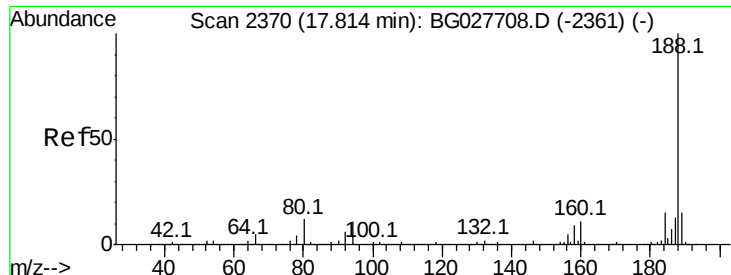
#44
 2-Fluorobiphenyl
 Concen: 85.08 ng
 RT: 13.69 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	24.3	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

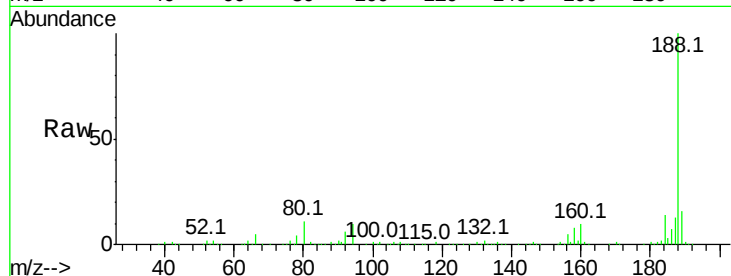




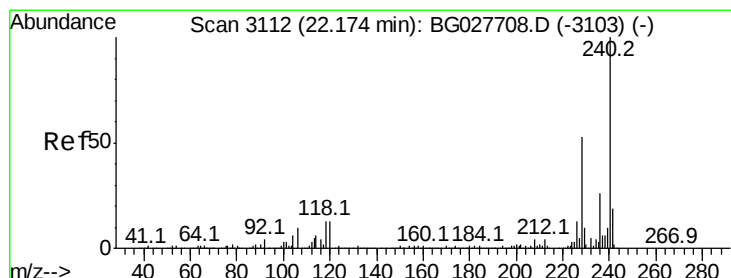
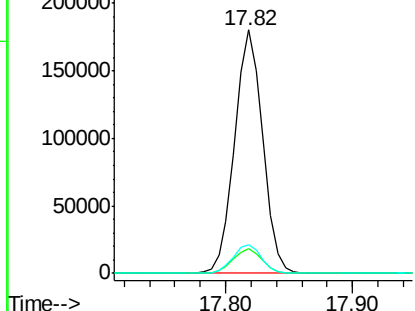
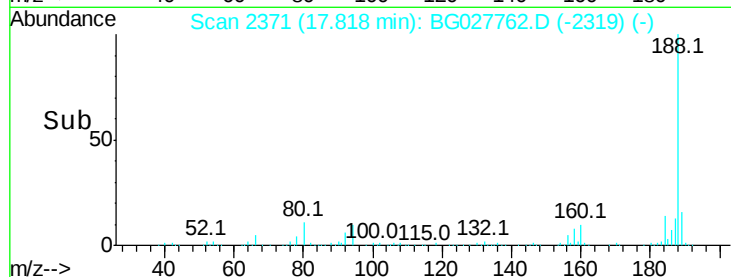
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 275585
Ion Ratio Lower Upper
188 100
94 10.1 5.8 8.8#
80 11.5 7.5 11.3#

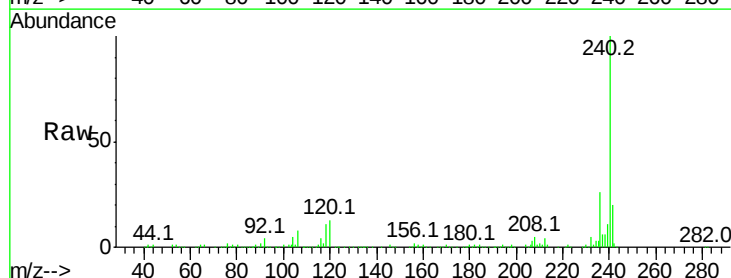


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

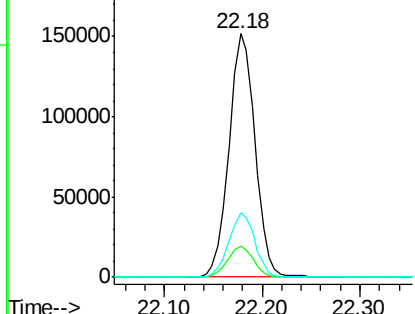
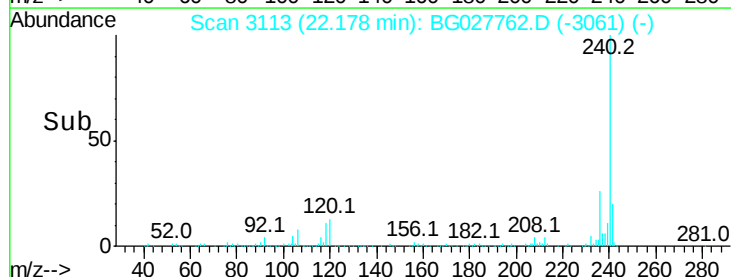


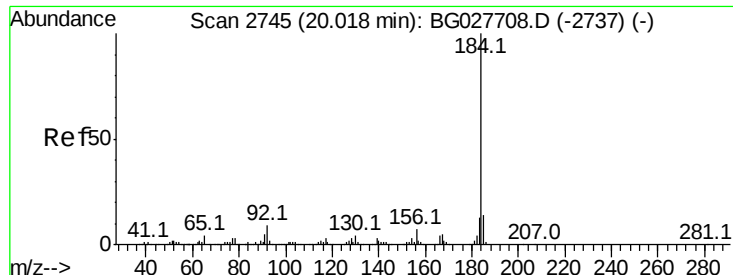
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Tgt Ion:240 Resp: 281745
Ion Ratio Lower Upper
240 100
120 13.0 5.7 8.5#
236 26.4 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





#76

Benzidine

Concen: 3.22 ng

RT: 20.06 min Scan# 2752

Delta R.T. 0.04 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

Instrument :

BNA_G

ClientSampleId :

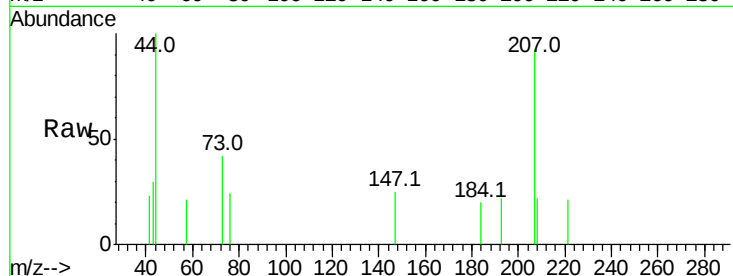
Tot Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

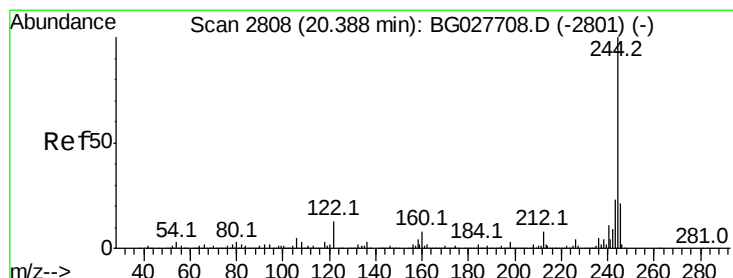
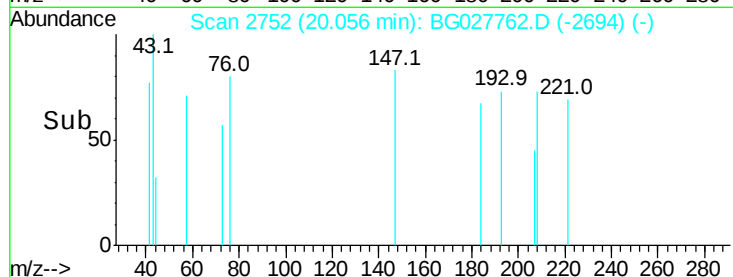
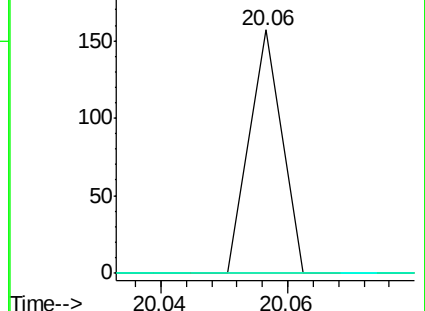
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 93.45 ng

RT: 20.40 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

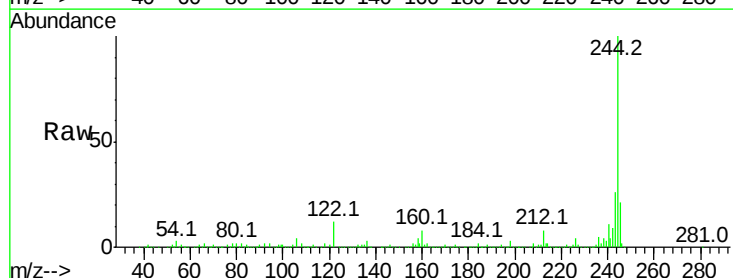
Tgt Ion:244 Resp: 1123130

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

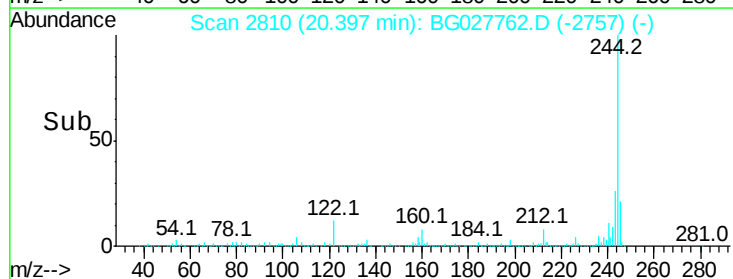
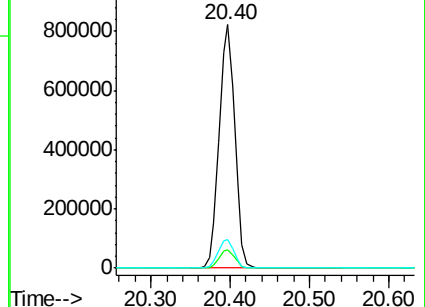
122 11.7 8.6 12.8

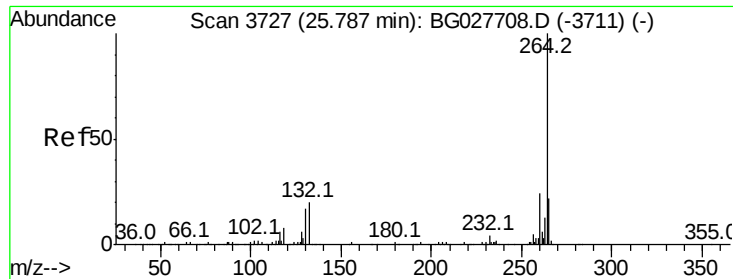


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

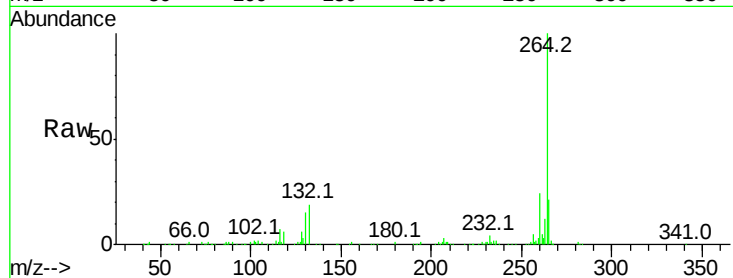




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3729
Delta R.T. 0.01 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.4	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

