

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070217\
 Data File : BG027817.D
 Acq On : 2 Jul 2017 13:54
 Operator : SJ/JU
 Sample : I3980-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 08:06:32 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	8.47	152	27530	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	130240	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	81499	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	214102	20.00	ng	0.00
75) Chrysene-d12	22.18	240	215187	20.00	ng	0.00
86) Perylene-d12	25.79	264	185909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	242881	135.86	ng	0.00
7) Phenol-d6	7.62	99	295893	108.34	ng	0.00
23) Nitrobenzene-d5	9.64	82	215646	92.29	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	209185	187.13	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	593899	104.07	ng	0.00
78) Terphenyl-d14	20.39	244	1062344	115.74	ng	0.00

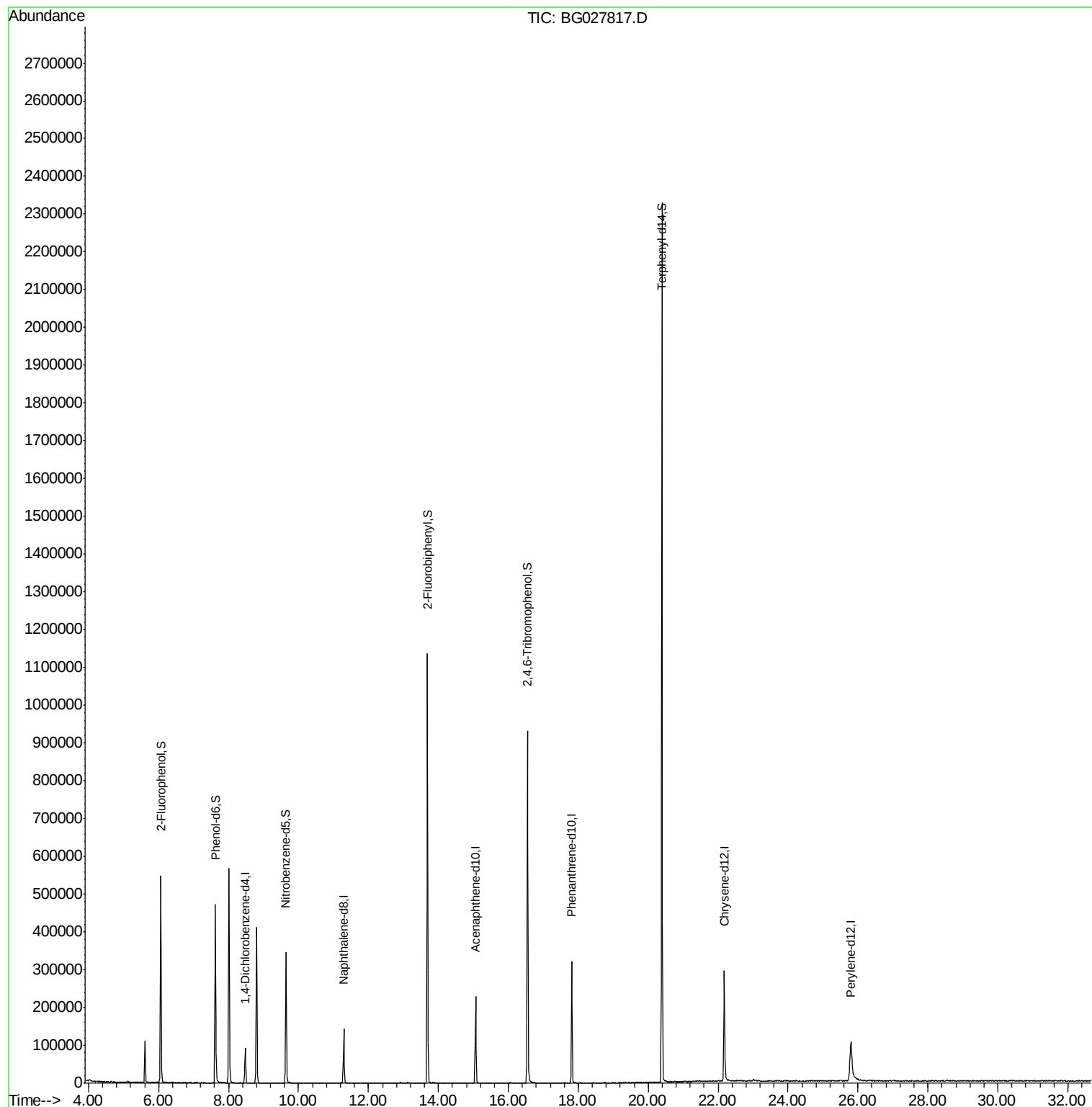
Target Compounds Qvalue

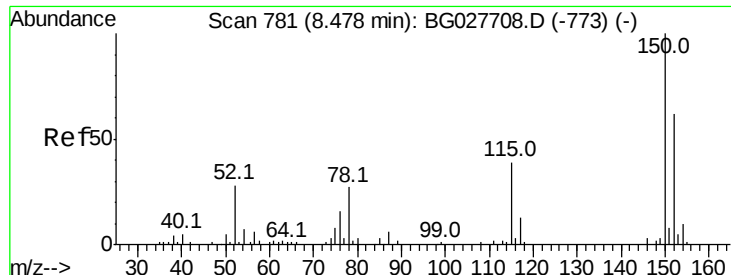
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.47 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG027817.D

Acq: 2 Jul 2017 13:54

Instrument :

BNA_G

ClientSampleId :

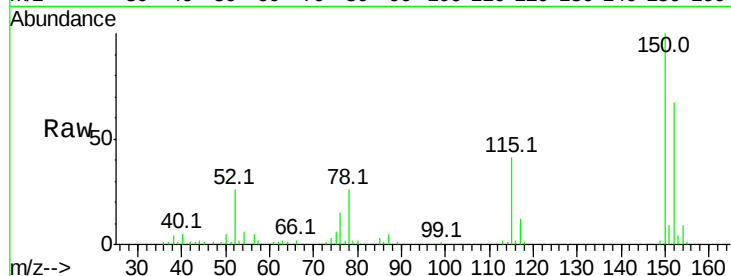
Tot Ion:152 Resp: 27530

Ion Ratio Lower Upper

152 100

150 149.3 114.0 171.0

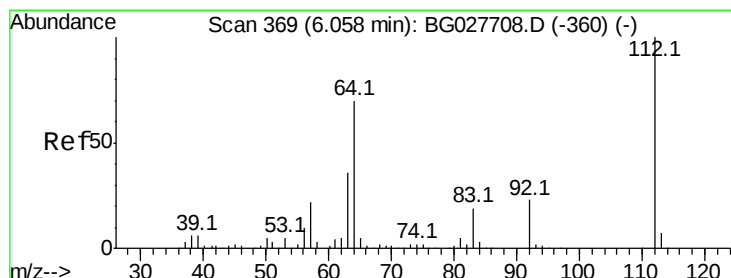
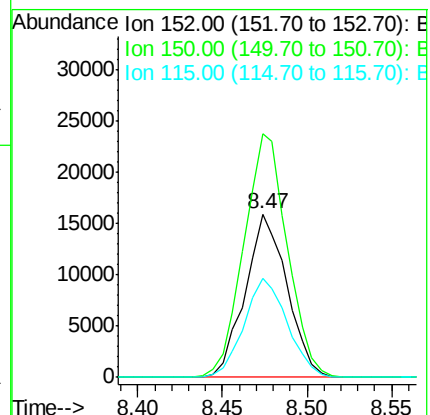
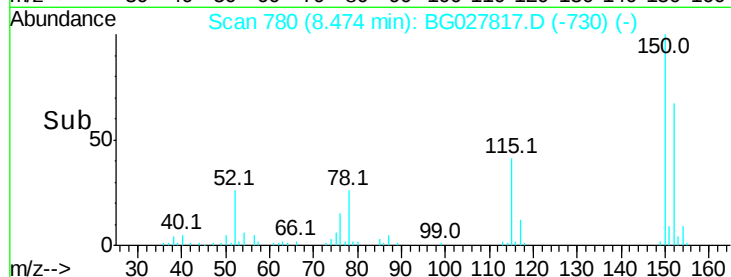
115 61.0 48.1 72.1



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: 135.86 ng

RT: 6.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: BG027817.D

Acq: 2 Jul 2017 13:54

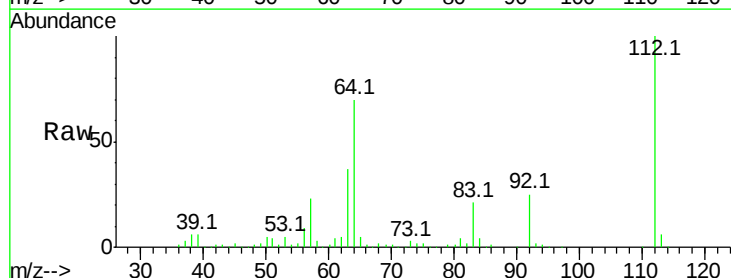
Tgt Ion:112 Resp: 242881

Ion Ratio Lower Upper

112 100

64 70.0 61.8 92.6

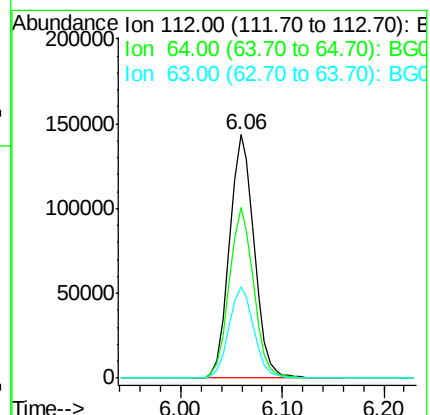
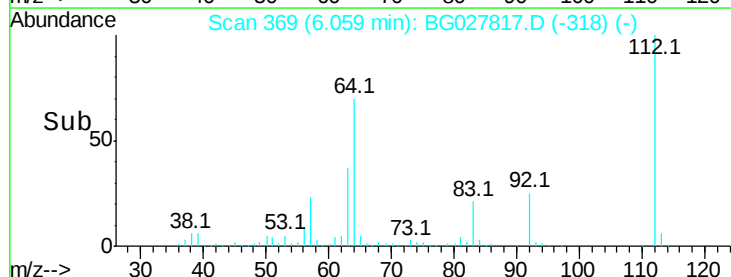
63 37.3 37.2 55.8

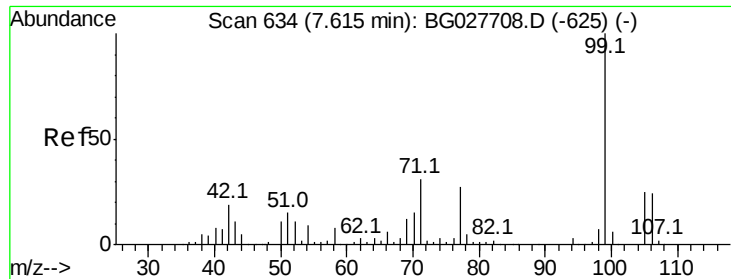


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.34 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027817.D

Acq: 2 Jul 2017 13:54

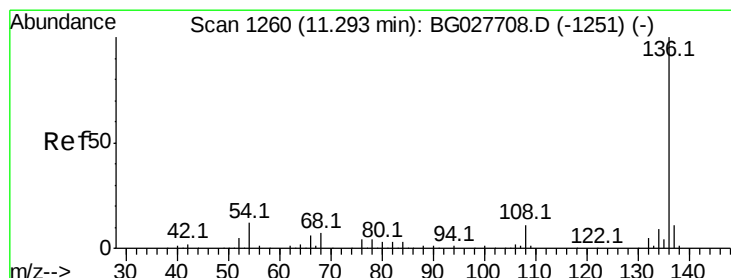
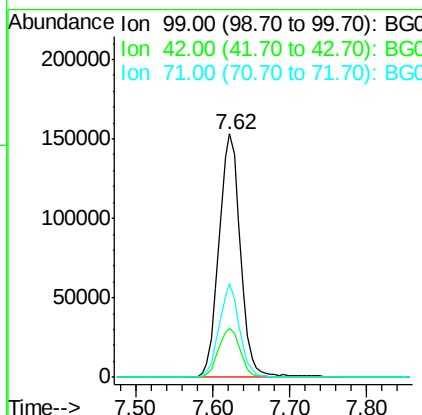
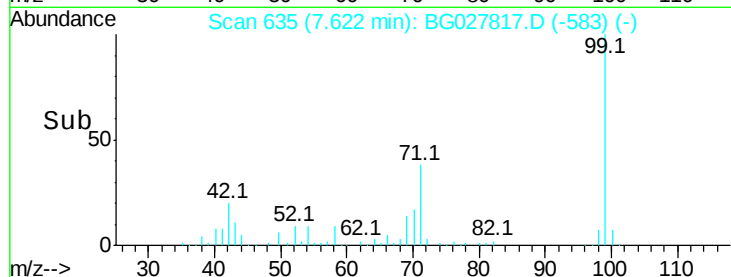
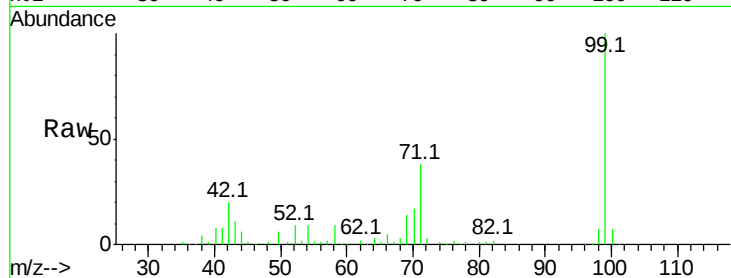
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 295893

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.5	30.7#
71	38.4	37.6	56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.29 min Scan# 1260

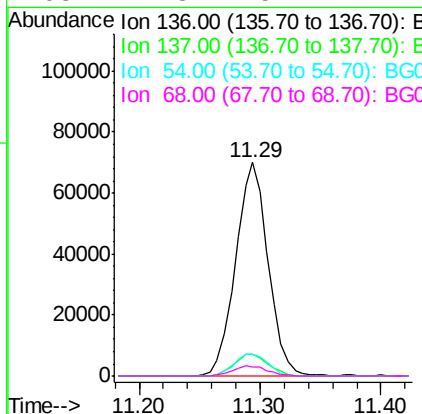
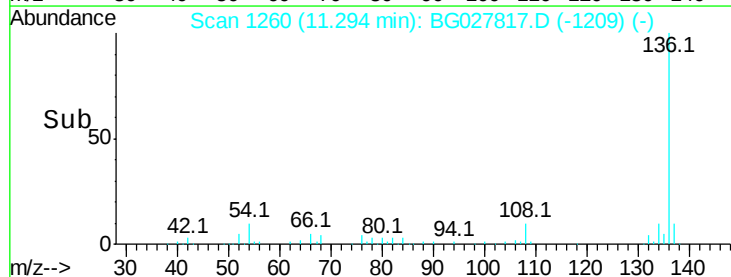
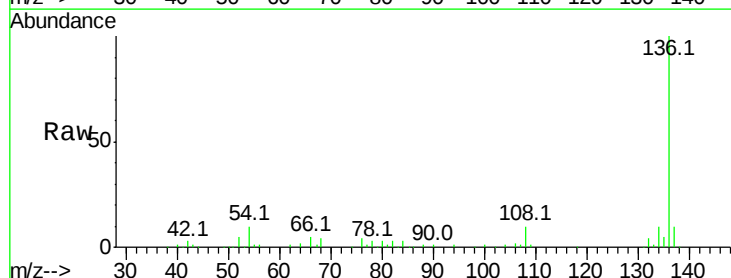
Delta R.T. 0.00 min

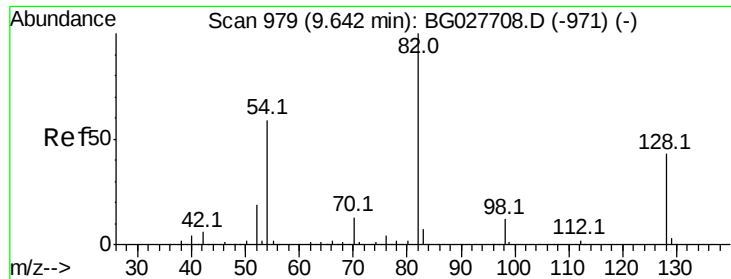
Lab File: BG027817.D

Acq: 2 Jul 2017 13:54

Tgt Ion: 136 Resp: 130240

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	10.3	9.3	13.9
68	4.3	5.1	7.7#

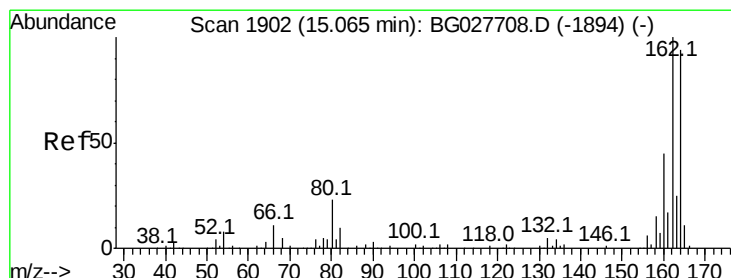
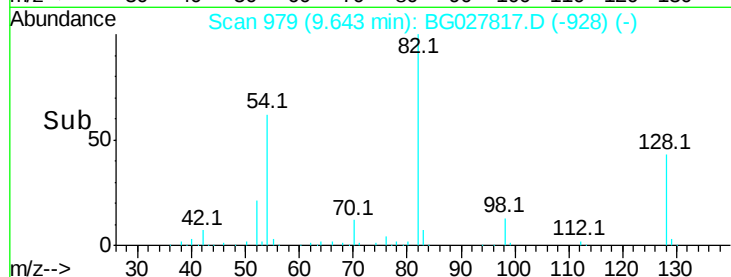
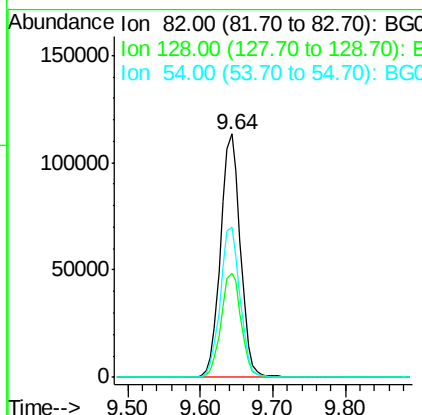
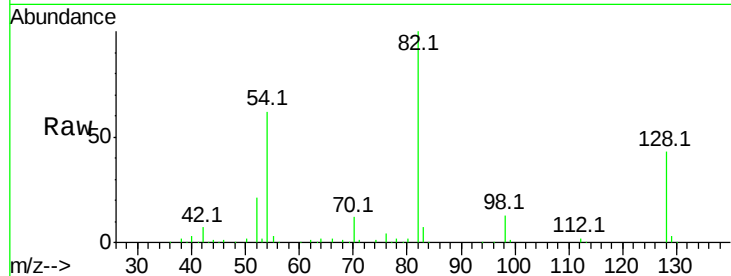




#23
Nitrobenzene-d5
Concen: 92.29 ng
RT: 9.64 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG027817.D
Acq: 2 Jul 2017 13:54

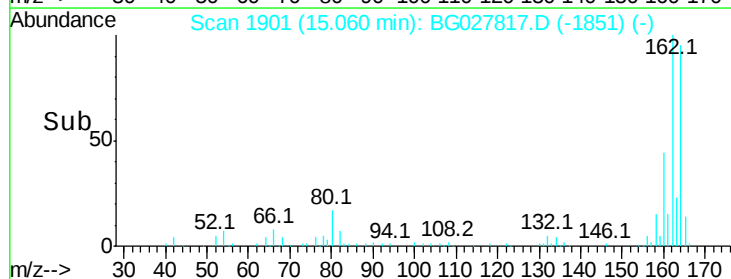
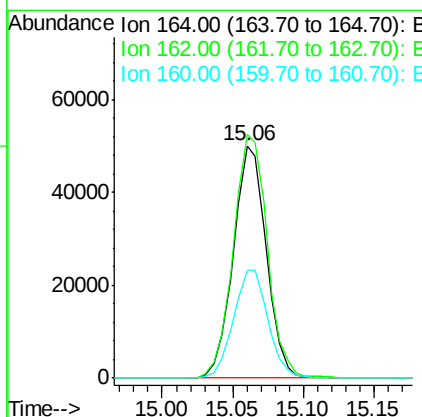
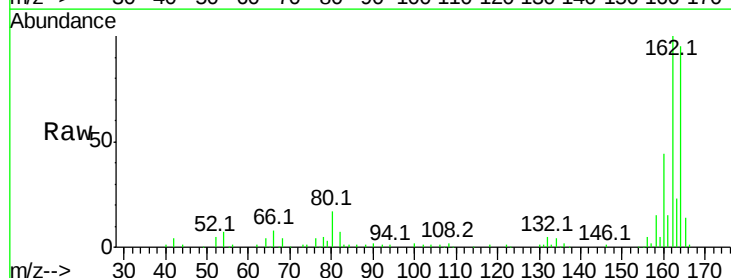
Instrument :
BNA_G
ClientSampled :

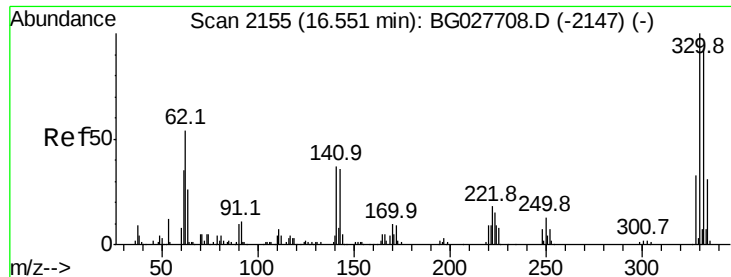
Tot Ion: 82 Resp: 215646
Ion Ratio Lower Upper
82 100
128 43.0 26.4 39.6#
54 61.8 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG027817.D
Acq: 2 Jul 2017 13:54

Tgt Ion:164 Resp: 81499
Ion Ratio Lower Upper
164 100
162 104.8 85.1 127.7
160 46.4 34.7 52.1

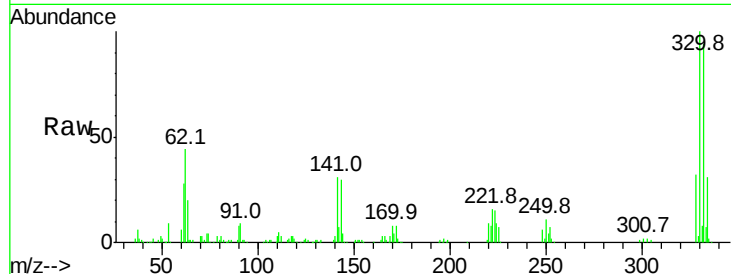




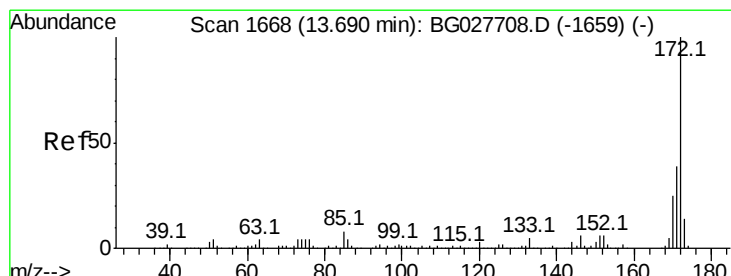
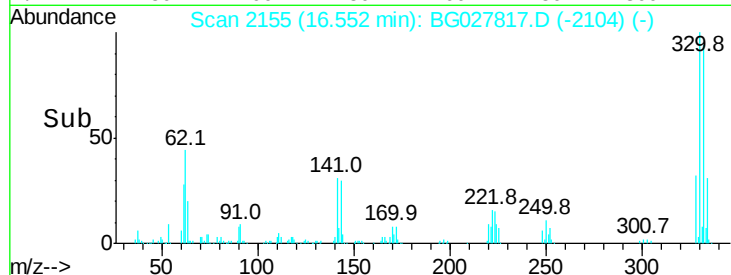
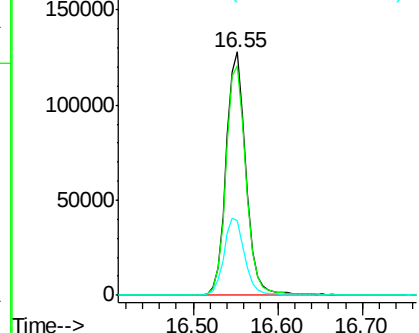
#41
 2,4,6-Tribromophenol
 Concen: 187.13 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027817.D
 Acq: 2 Jul 2017 13:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	33.3	32.1	48.1

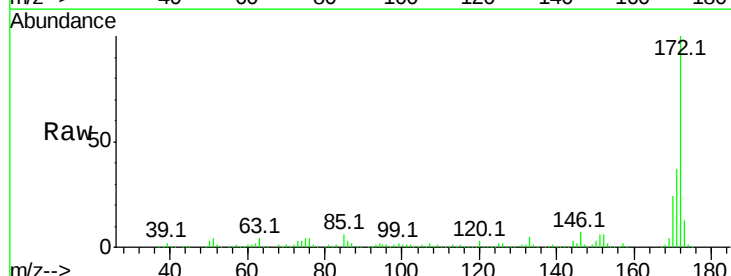


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

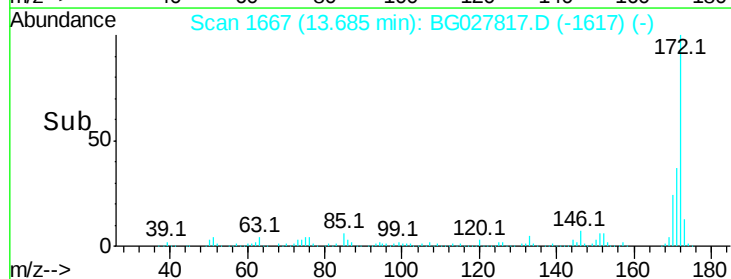
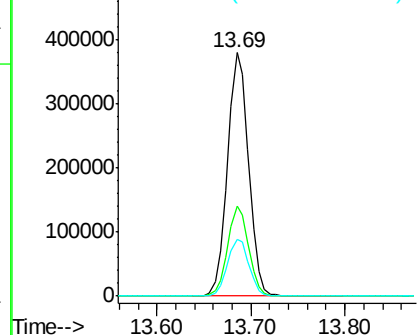


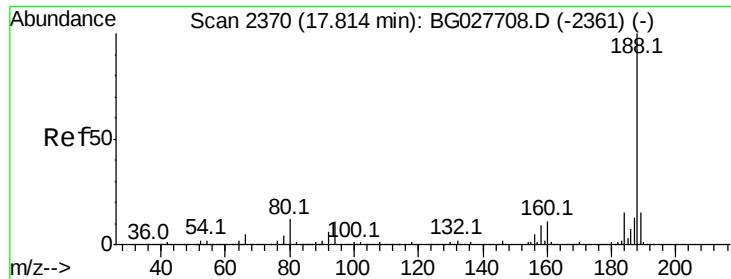
#44
 2-Fluorobiphenyl
 Concen: 104.07 ng
 RT: 13.69 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG027817.D
 Acq: 2 Jul 2017 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	23.5	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: 17.81 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BG027817.D

Acq: 2 Jul 2017 13:54

Instrument :

BNA_G

ClientSampleId :

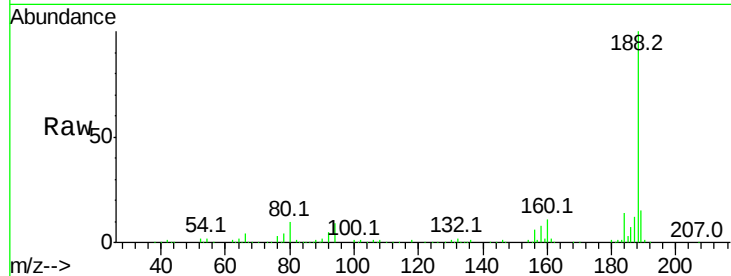
Tot Ion:188 Resp: 214102

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.8

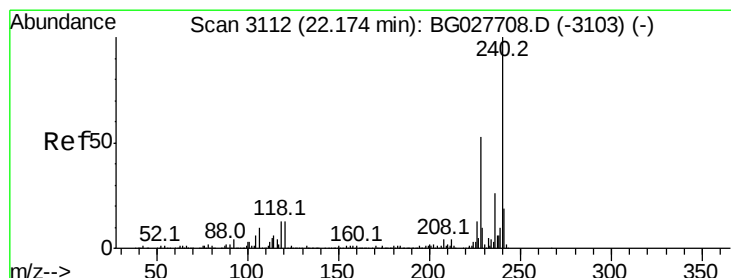
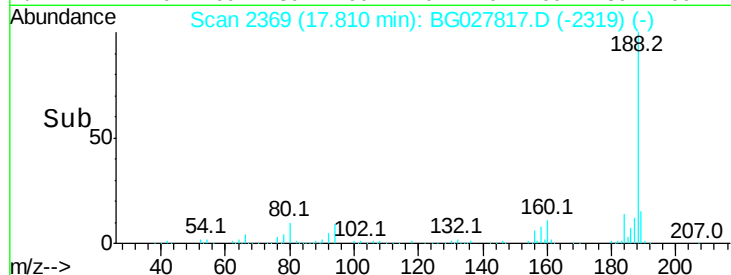
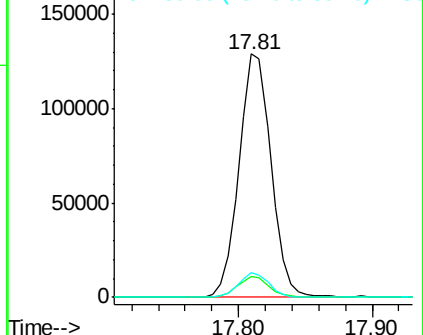
80 9.9 7.5 11.3



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: 22.18 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG027817.D

Acq: 2 Jul 2017 13:54

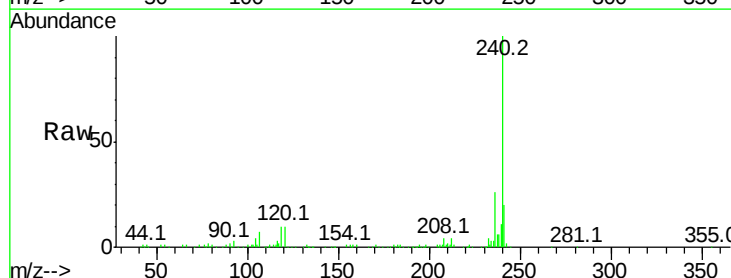
Tgt Ion:240 Resp: 215187

Ion Ratio Lower Upper

240 100

120 10.1 5.7 8.5#

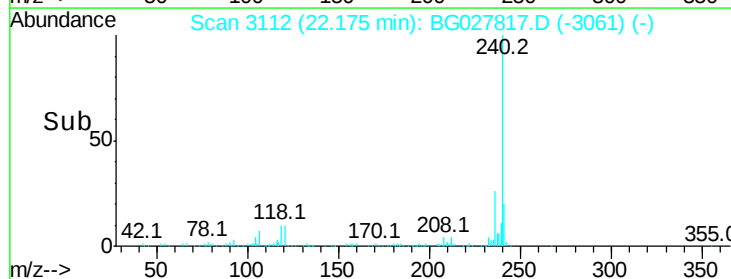
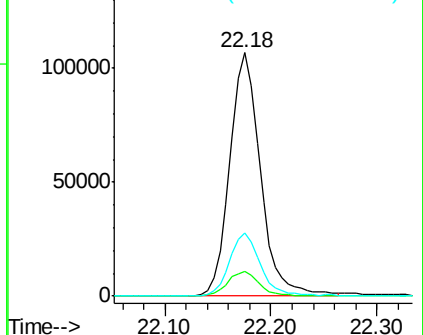
236 26.0 22.2 33.4

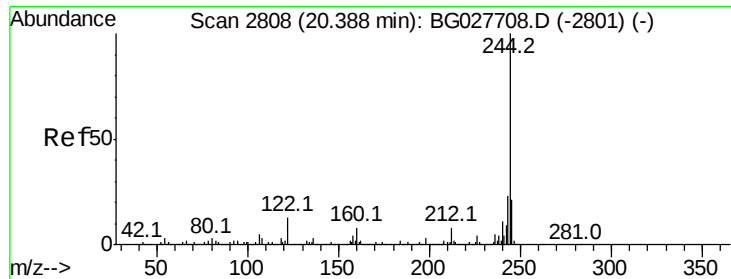


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

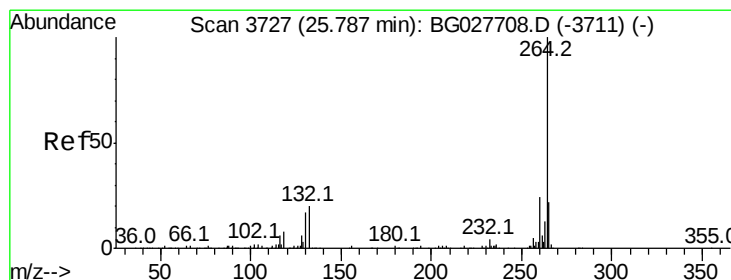
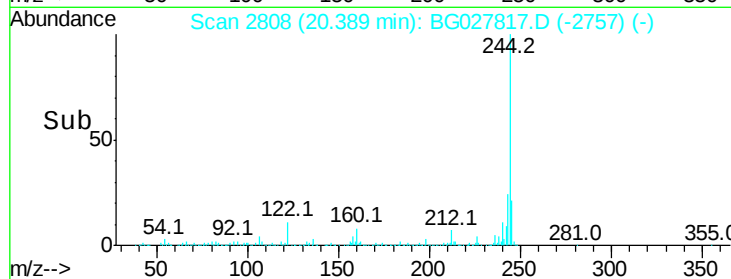
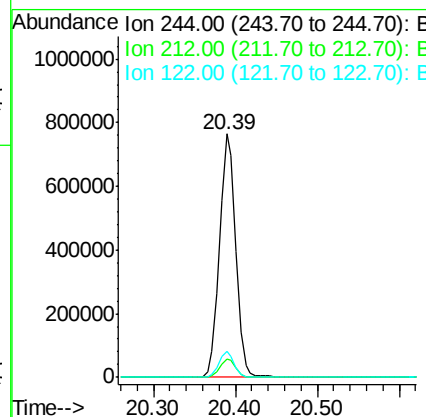
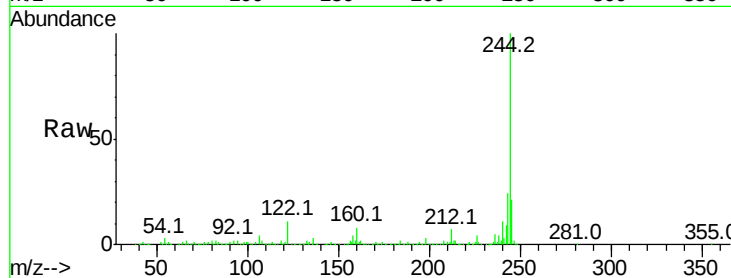




#78
 Terphenyl-d14
 Concen: 115.74 ng
 RT: 20.39 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: BG027817.D
 Acq: 2 Jul 2017 13:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1062344
 Ion Ratio Lower Upper
 244 100
 212 7.5 10.0 15.0#
 122 10.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.79 min Scan# 3727
 Delta R.T. 0.00 min
 Lab File: BG027817.D
 Acq: 2 Jul 2017 13:54

Tgt Ion:264 Resp: 185909
 Ion Ratio Lower Upper
 264 100
 260 21.8 21.8 32.8#
 265 22.9 18.2 27.4

