

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
 Data File : BG027843.D
 Acq On : 3 Jul 2017 22:11
 Operator : SJ/JU
 Sample : I3997-03RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 05:50:53 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	26190	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	118248	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	77440	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	205650	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	216174	20.00	ng	-0.03
86) Perylene-d12	25.73	264	216852	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	103998	61.15	ng	-0.03
7) Phenol-d6	7.60	99	83167	32.01	ng	-0.02
23) Nitrobenzene-d5	9.62	82	204055	96.19	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	213867	201.35	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	577592	106.52	ng	-0.03
78) Terphenyl-d14	20.37	244	1113925	120.80	ng	-0.02

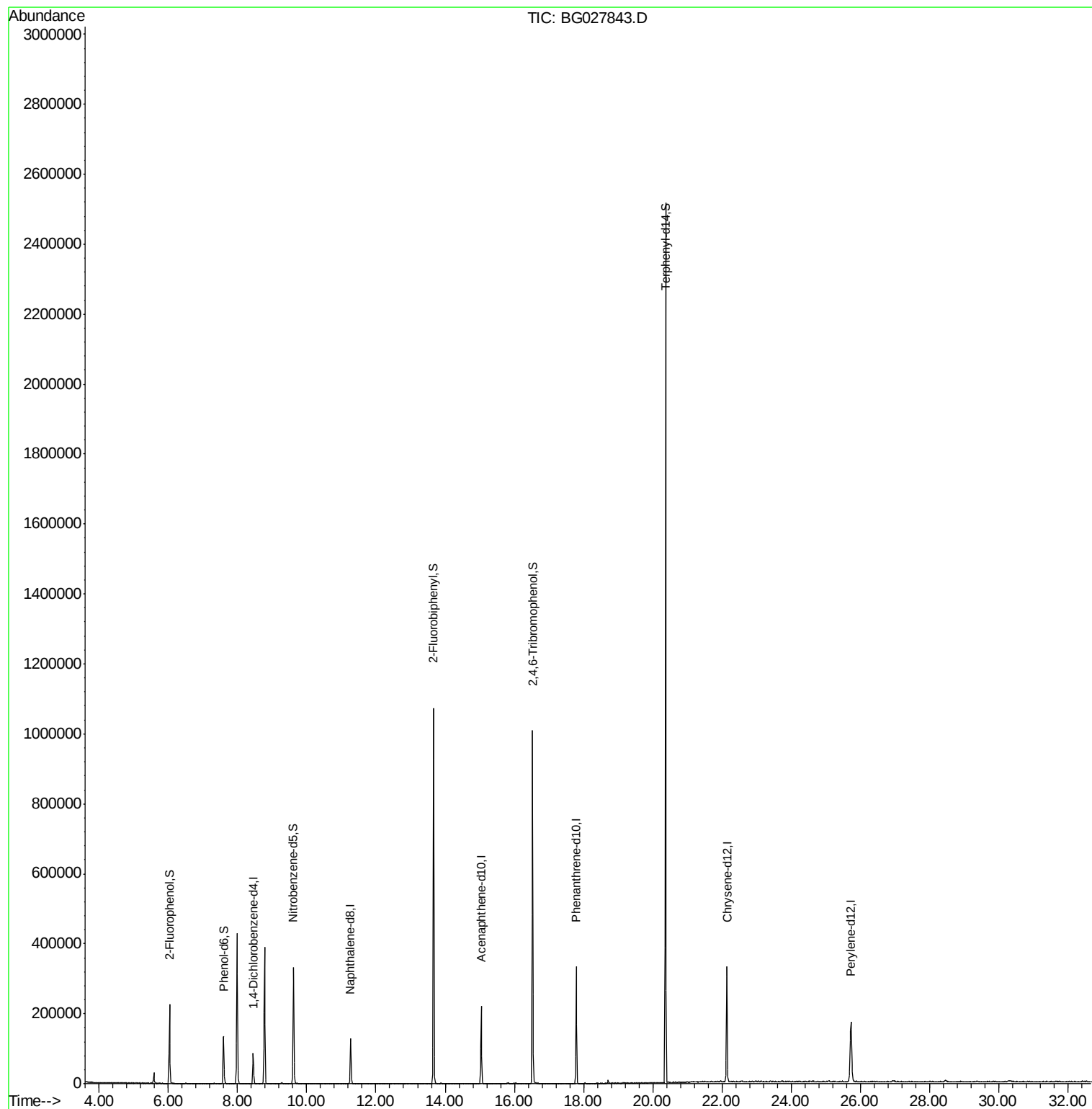
Target Compounds Qvalue

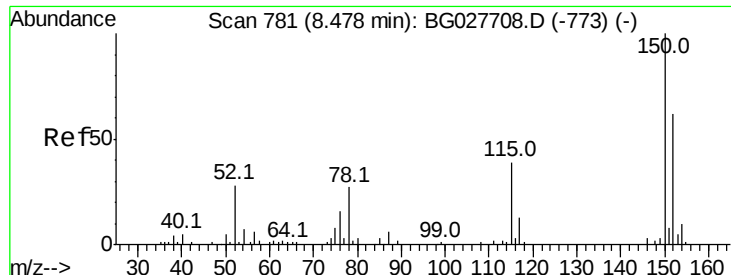
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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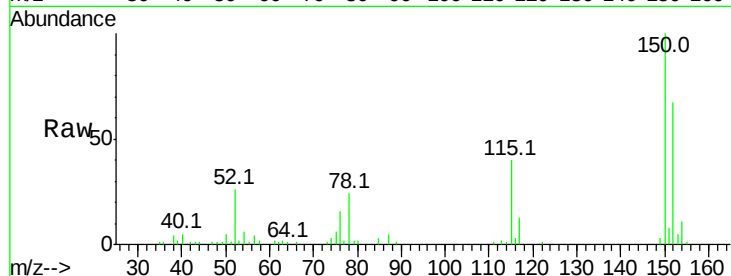


#1

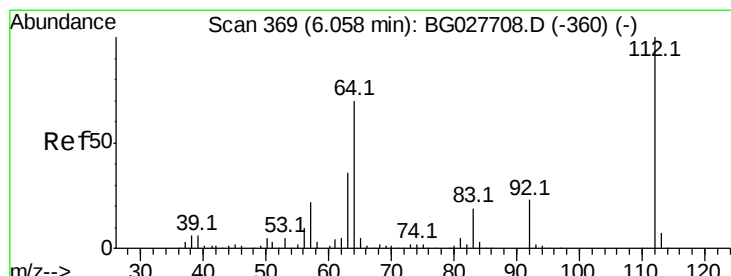
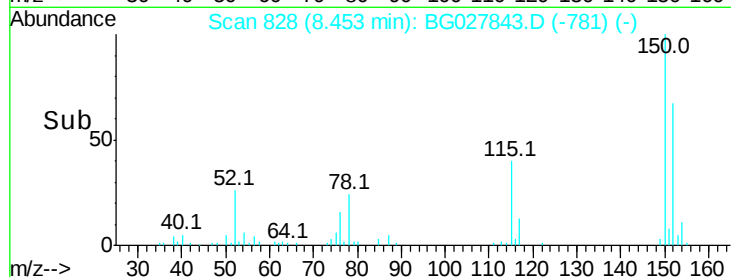
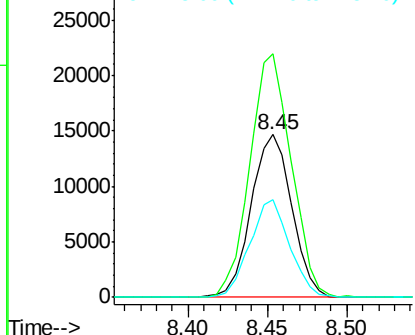
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027843.D
Acq: 3 Jul 2017 22:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 26190
Ion Ratio Lower Upper
152 100
150 149.9 114.0 171.0
115 60.0 48.1 72.1



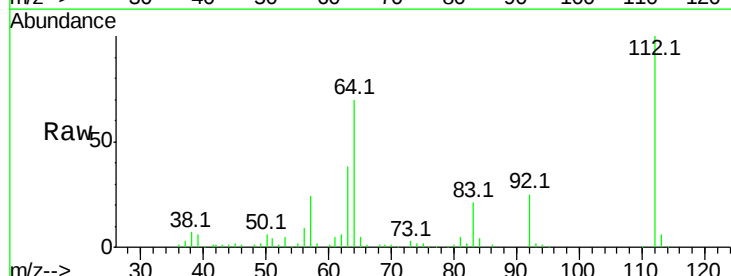
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



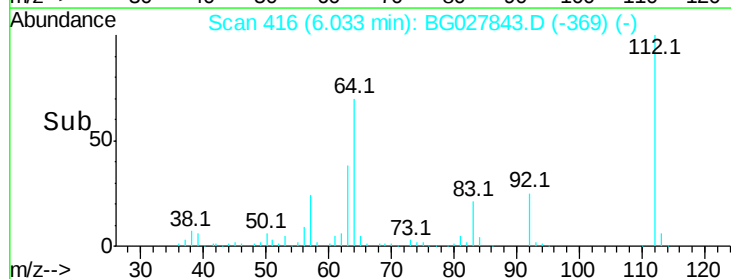
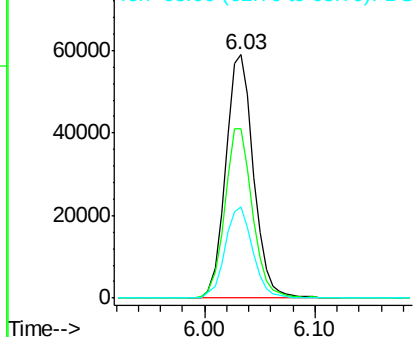
#5

2-Fluorophenol
Concen: 61.15 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027843.D
Acq: 3 Jul 2017 22:11

Tgt Ion:112 Resp: 103998
Ion Ratio Lower Upper
112 100
64 69.5 61.8 92.6
63 37.7 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: 32.01 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027843.D

Acq: 3 Jul 2017 22:11

Instrument :

BNA_G

ClientSampleId :

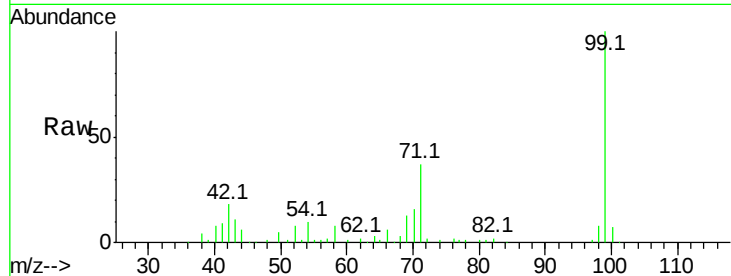
Tot Ion: 99 Resp: 83167

Ion Ratio Lower Upper

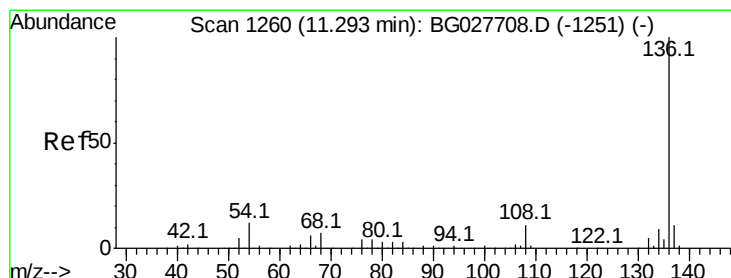
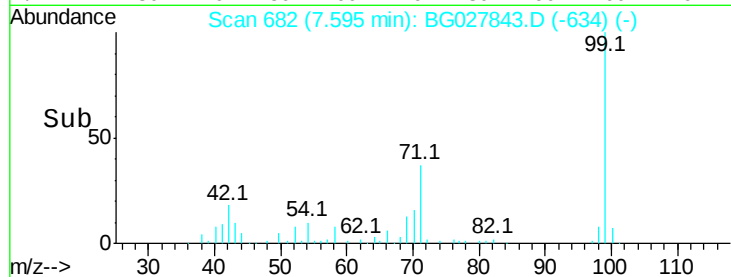
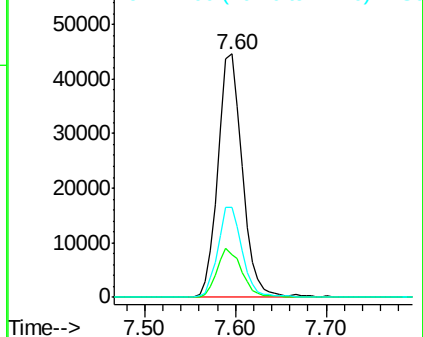
99 100

42 17.7 20.5 30.7#

71 36.8 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: BG027843.D

Acq: 3 Jul 2017 22:11

Tgt Ion: 136 Resp: 118248

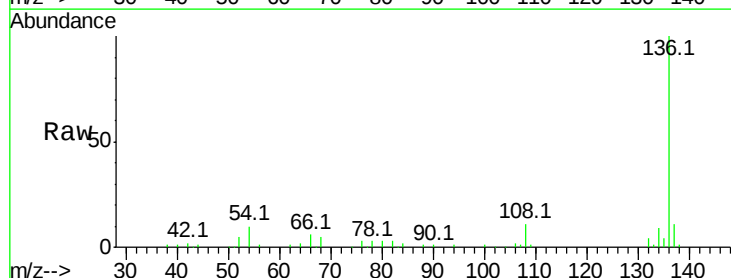
Ion Ratio Lower Upper

136 100

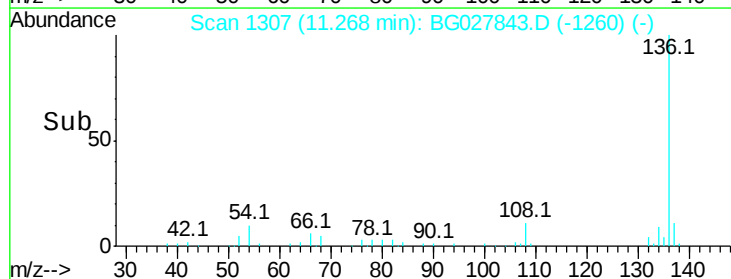
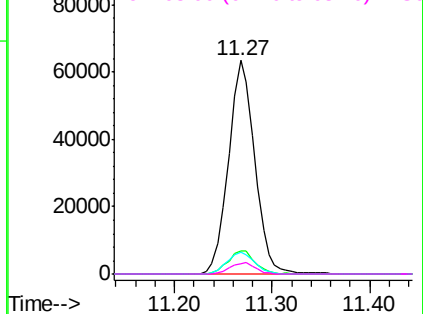
137 10.9 8.9 13.3

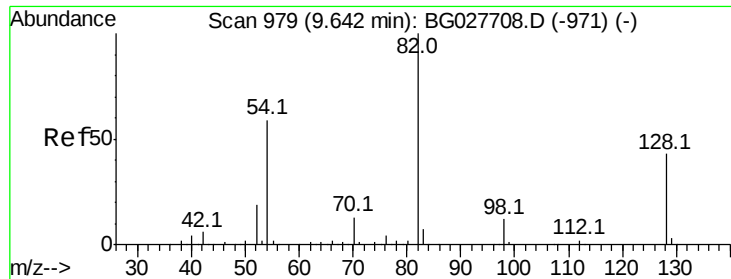
54 10.4 9.3 13.9

68 4.5 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

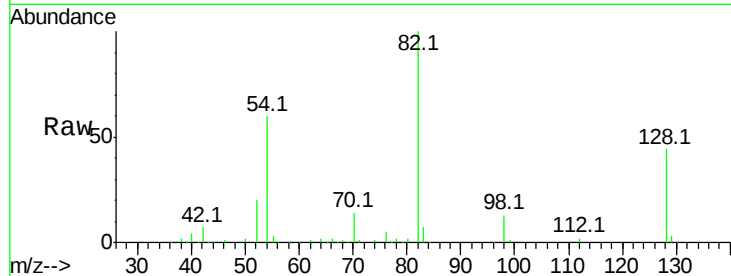




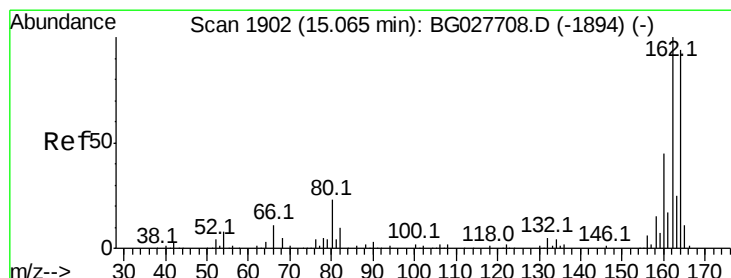
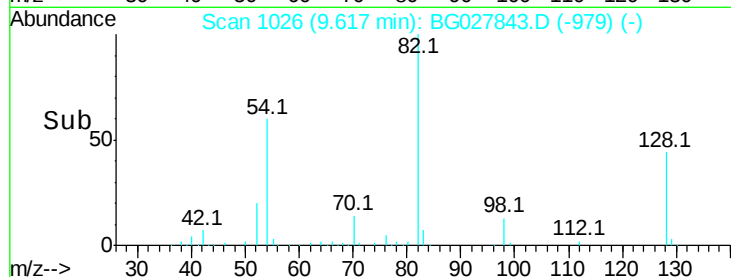
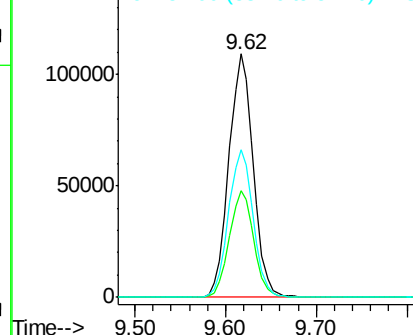
#23
Nitrobenzene-d5
Concen: 96.19 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027843.D
Acq: 3 Jul 2017 22:11

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 204055
Ion Ratio Lower Upper
82 100
128 43.8 26.4 39.6#
54 60.5 49.4 74.2

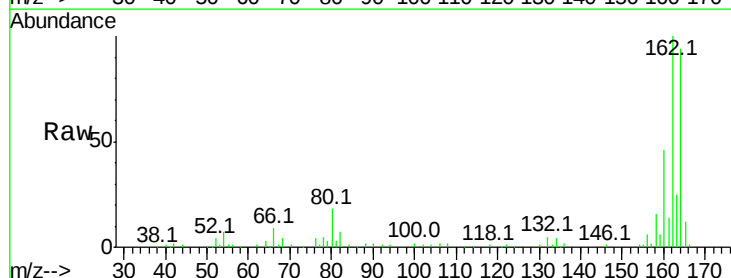


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

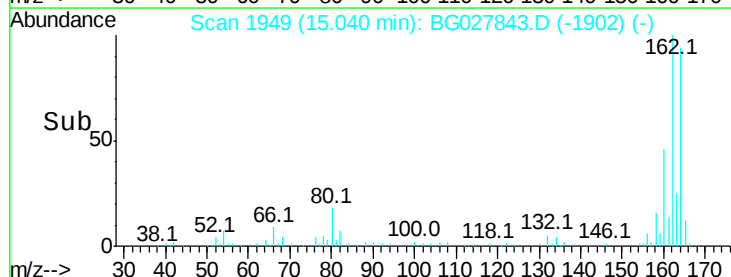
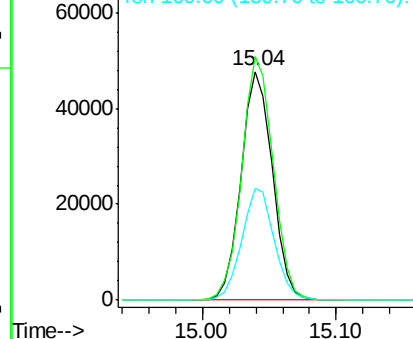


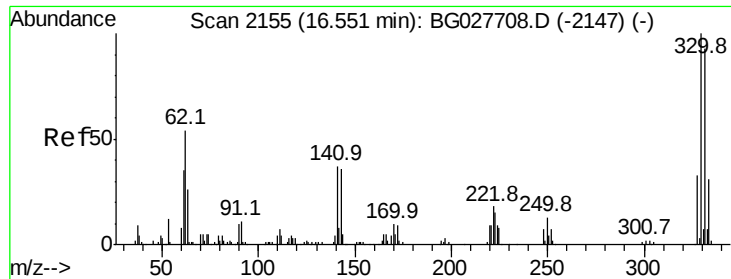
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BG027843.D
Acq: 3 Jul 2017 22:11

Tgt Ion:164 Resp: 77440
Ion Ratio Lower Upper
164 100
162 106.5 85.1 127.7
160 49.0 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

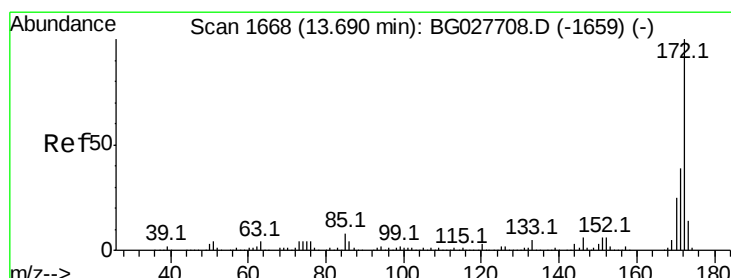
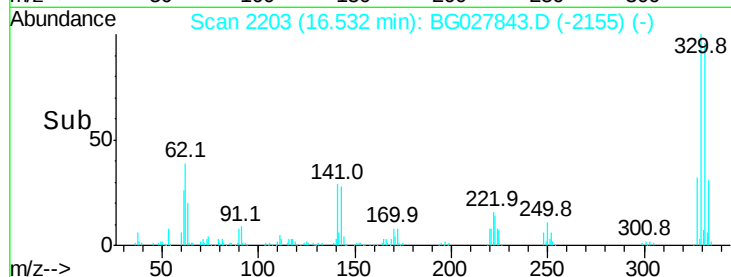
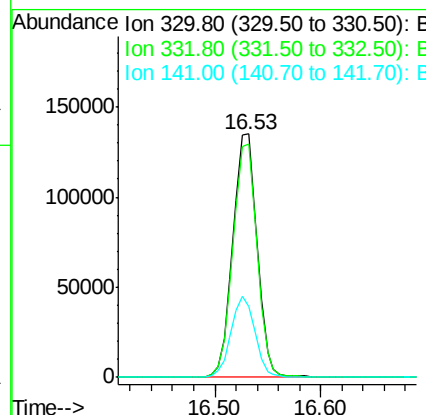
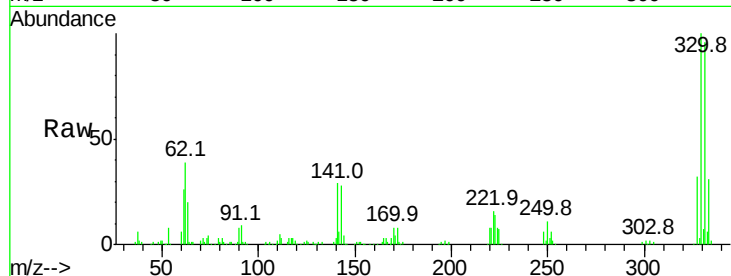




#41
 2,4,6-Tribromophenol
 Concen: 201.35 ng
 RT: 16.53 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BG027843.D
 Acq: 3 Jul 2017 22:11

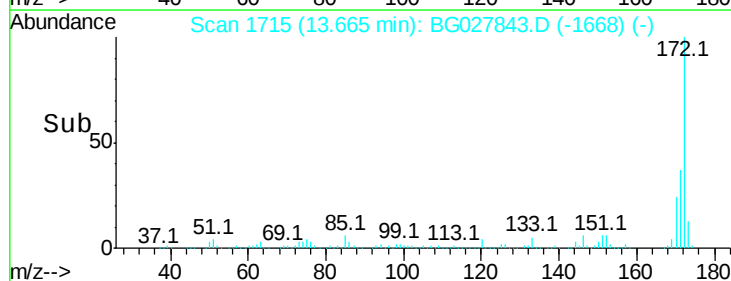
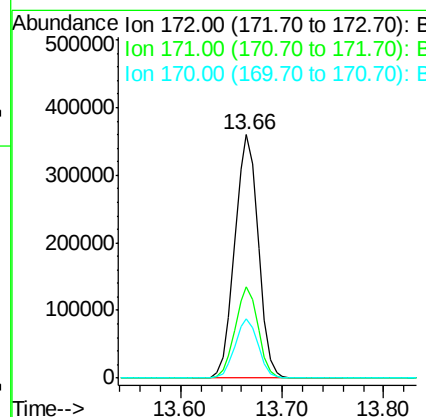
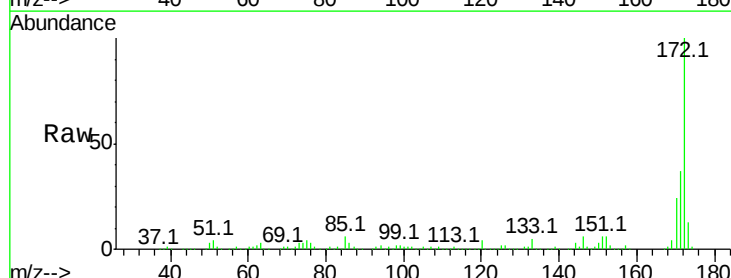
Instrument :
 BNA_G
 ClientSampleId :

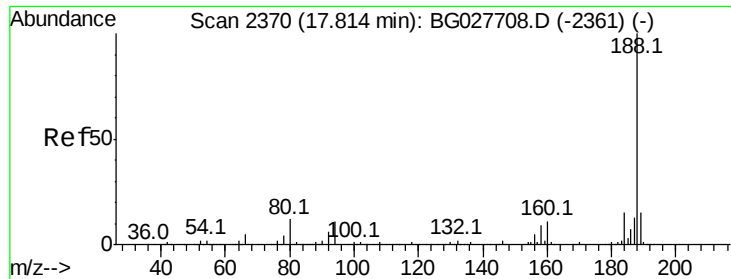
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	32.8	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 106.52 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027843.D
 Acq: 3 Jul 2017 22:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.3	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.79 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027843.D

Acq: 3 Jul 2017 22:11

Instrument :

BNA_G

ClientSampleId :

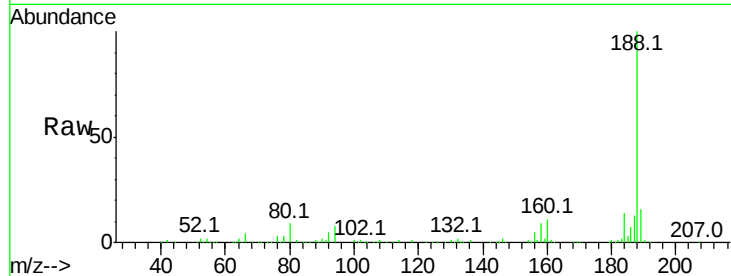
Tot Ion:188 Resp: 205650

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

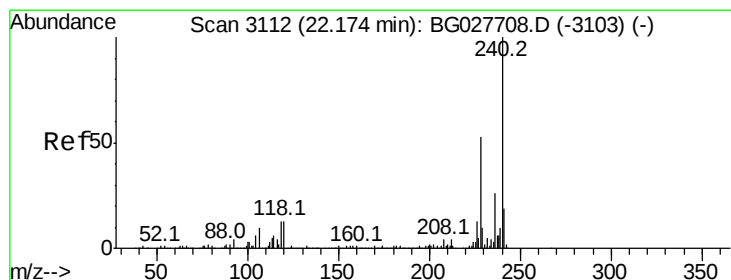
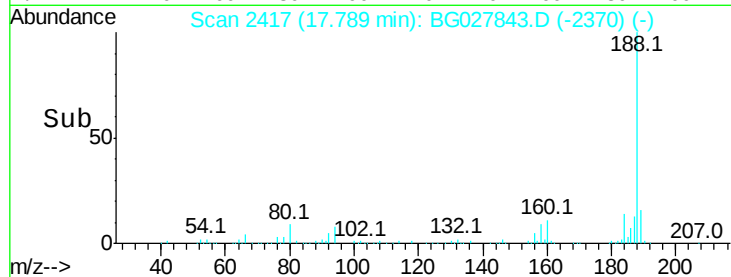
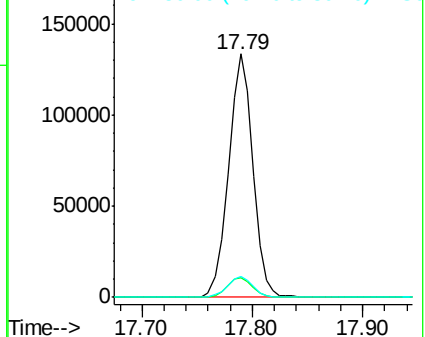
80 8.6 7.5 11.3



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# 3158

Delta R.T. -0.03 min

Lab File: BG027843.D

Acq: 3 Jul 2017 22:11

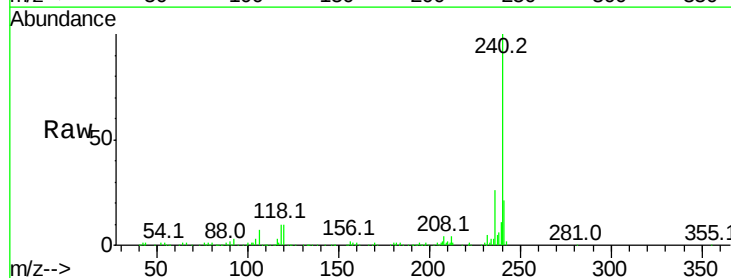
Tgt Ion:240 Resp: 216174

Ion Ratio Lower Upper

240 100

120 9.7 5.7 8.5#

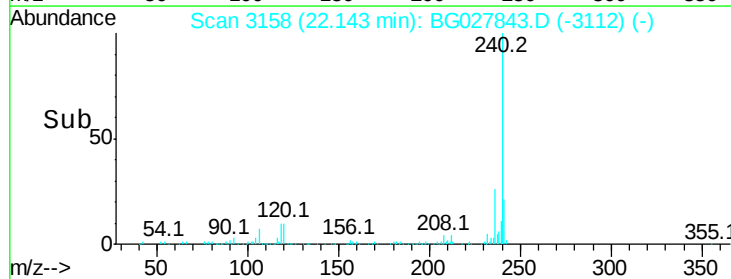
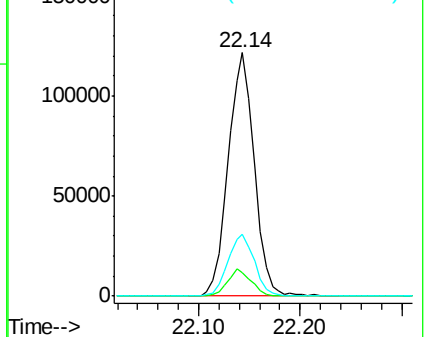
236 25.6 22.2 33.4

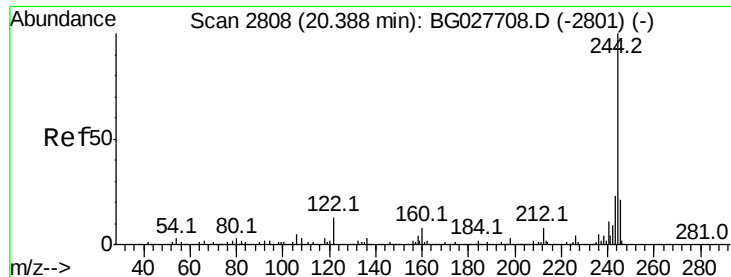


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 120.80 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027843.D

Acq: 3 Jul 2017 22:11

Instrument :

BNA_G

ClientSampleId :

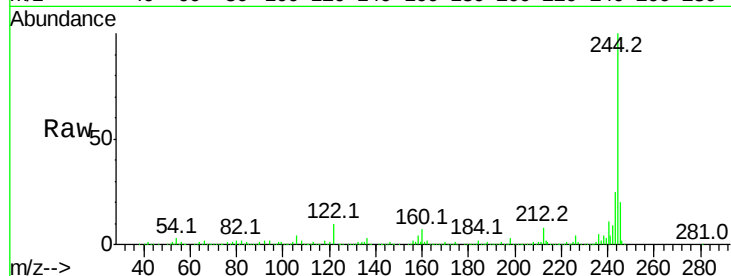
Tot Ion:244 Resp: 1113925

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	10.1	8.6	12.8

244 100

212 7.5 10.0 15.0#

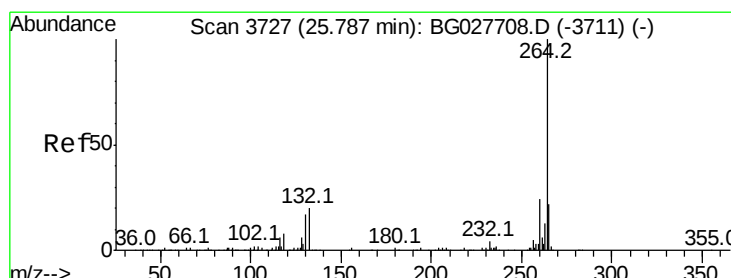
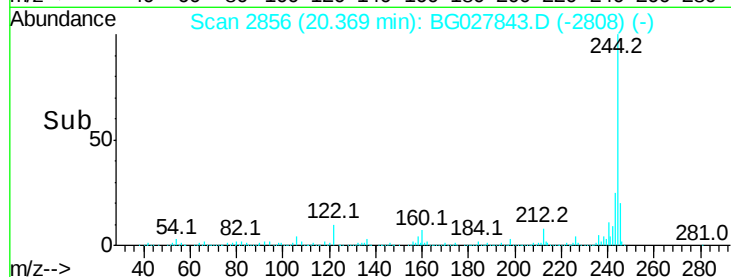
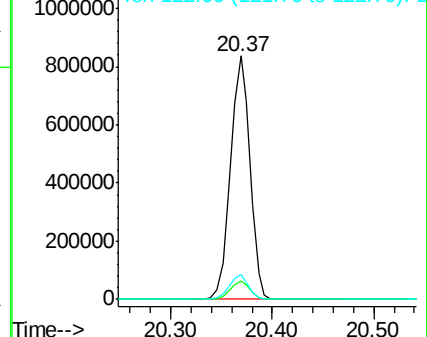
122 10.1 8.6 12.8



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: 25.73 min Scan# 3769

Delta R.T. -0.05 min

Lab File: BG027843.D

Acq: 3 Jul 2017 22:11

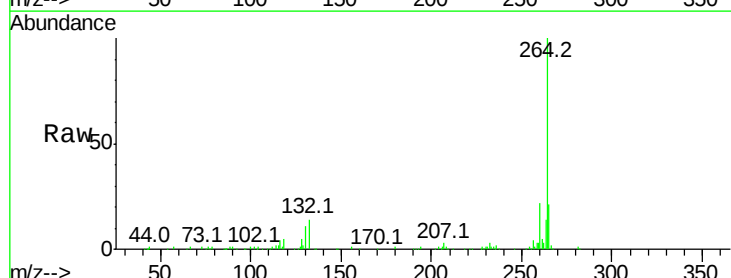
Tgt Ion:264 Resp: 216852

Ion	Ratio	Lower	Upper
264	100		
260	22.1	21.8	32.8
265	21.0	18.2	27.4

264 100

260 22.1 21.8 32.8

265 21.0 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

