

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
 Data File : BG027841.D
 Acq On : 3 Jul 2017 20:52
 Operator : SJ/JU
 Sample : I3997-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 05:50:33 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

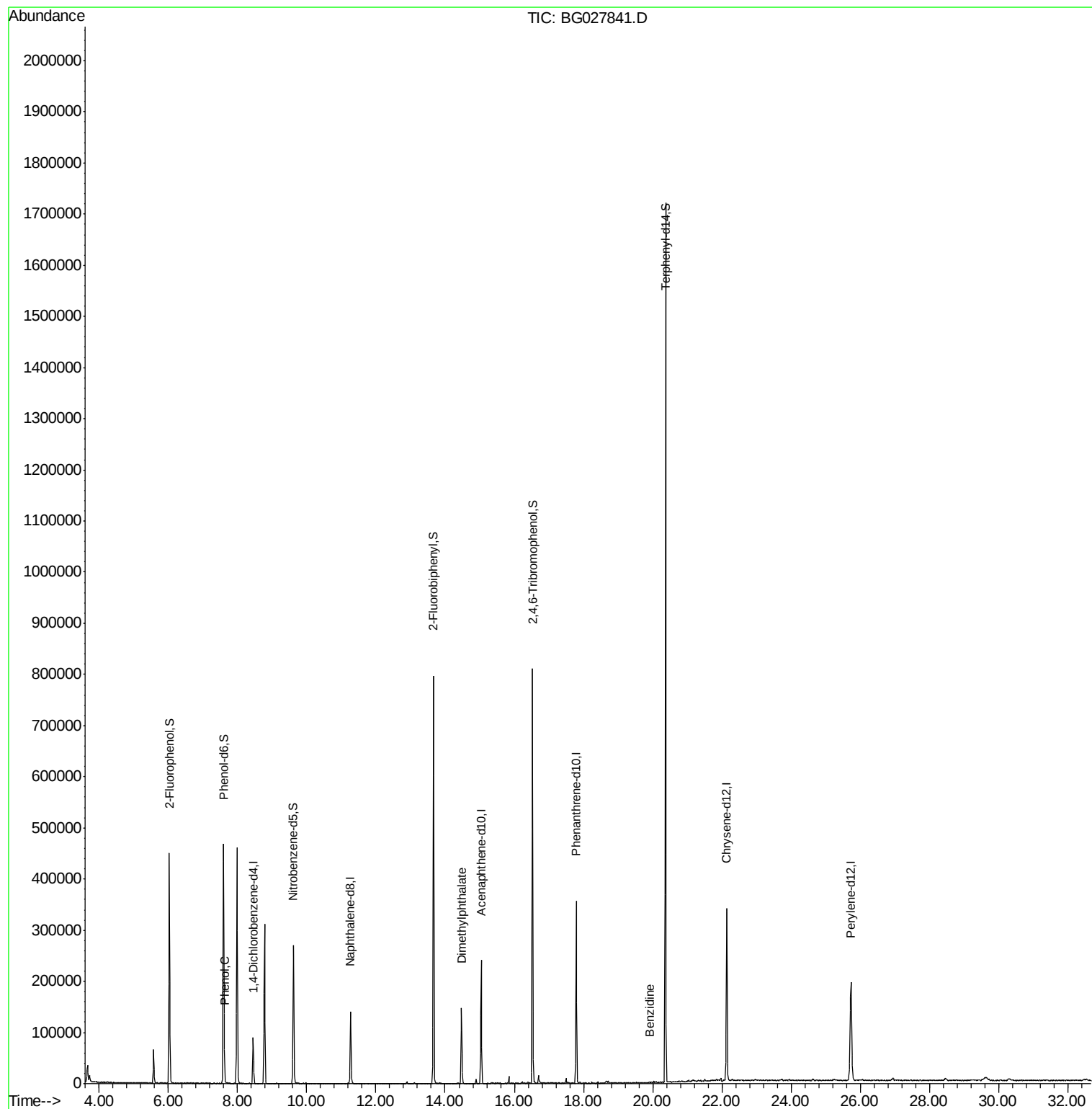
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26948	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	127990	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	83390	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	223225	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	235976	20.00	ng	-0.04
86) Perylene-d12	25.73	264	236579	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	205323	117.33	ng	-0.02
7) Phenol-d6	7.60	99	281296	105.22	ng	-0.02
23) Nitrobenzene-d5	9.62	82	165638	72.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	168269	147.12	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	430592	73.74	ng	-0.02
78) Terphenyl-d14	20.37	244	773669	76.86	ng	-0.02
Target Compounds						
10) Phenol	7.63	94	5694	2.15	ng	Qvalue 88
49) Dimethylphthalate	14.48	163	106408	14.96	ng	96
76) Benzidine	19.92	184	57	3.23	ng	# 64

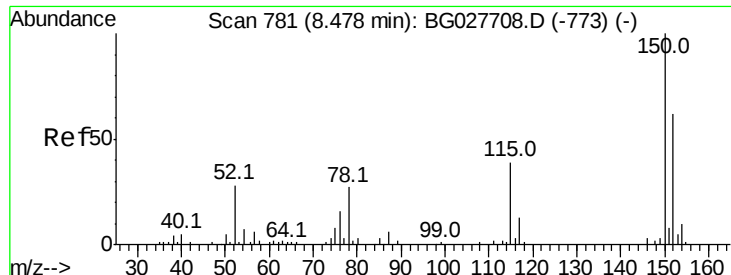
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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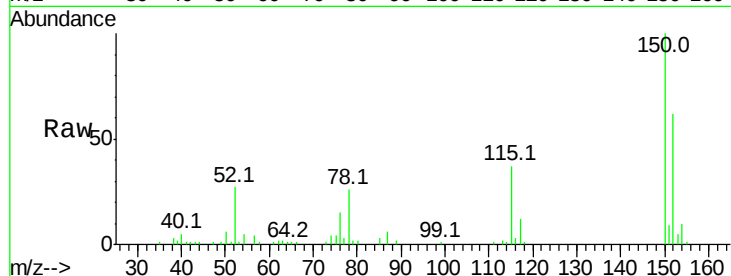


#1

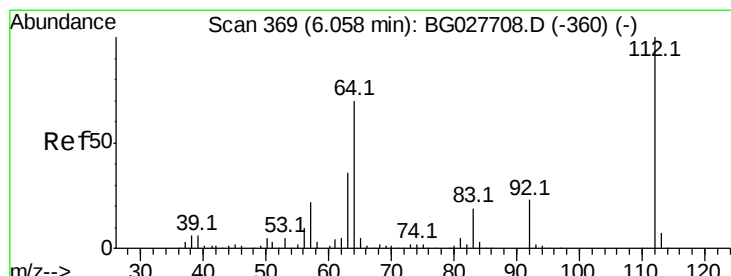
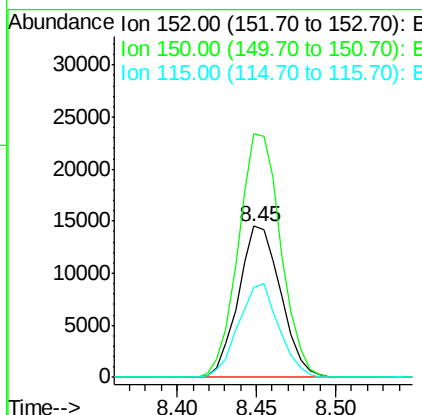
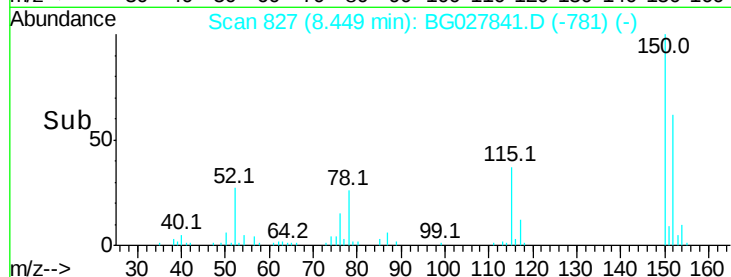
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.45 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BG027841.D
 Acq: 3 Jul 2017 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 26948
 Ion Ratio Lower Upper
 152 100
 150 161.0 114.0 171.0
 115 59.7 48.1 72.1



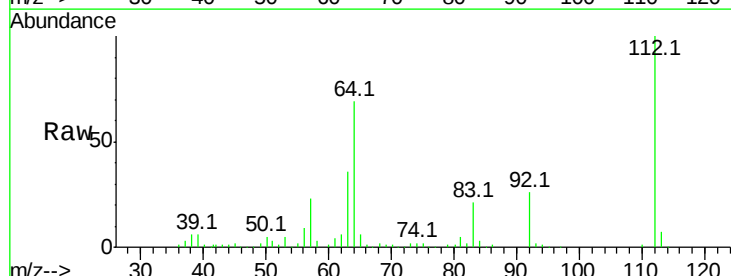
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



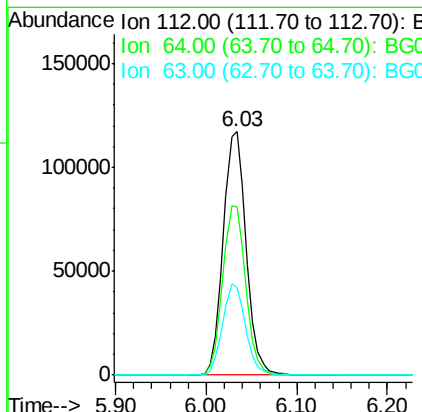
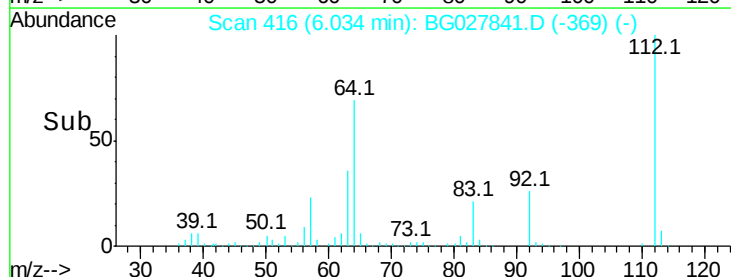
#5

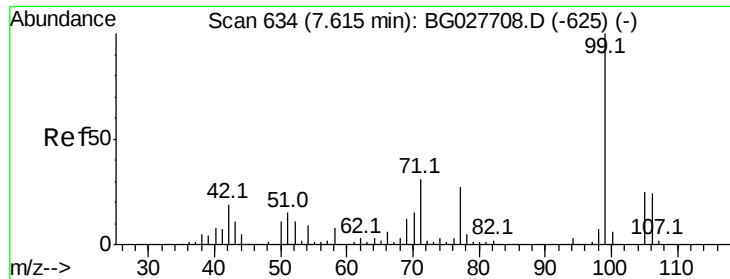
2-Fluorophenol
 Concen: 117.33 ng
 RT: 6.03 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BG027841.D
 Acq: 3 Jul 2017 20:52

Tgt Ion:112 Resp: 205323
 Ion Ratio Lower Upper
 112 100
 64 68.9 61.8 92.6
 63 36.0 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: 105.22 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027841.D

Acq: 3 Jul 2017 20:52

Instrument :

BNA_G

ClientSampleId :

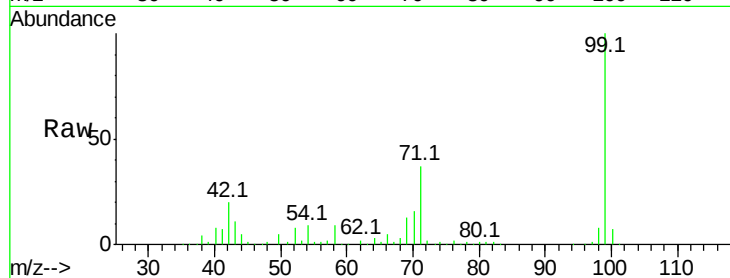
Tot Ion: 99 Resp: 281296

Ion Ratio Lower Upper

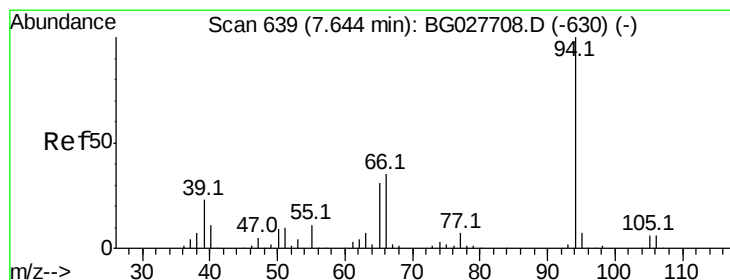
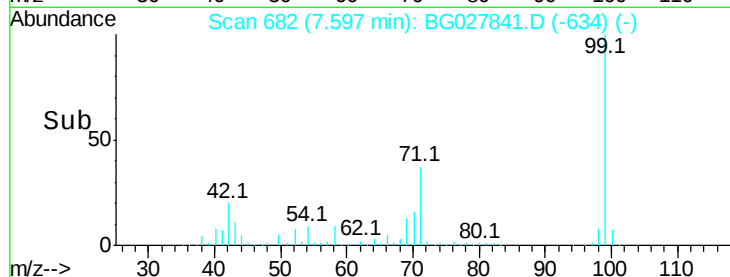
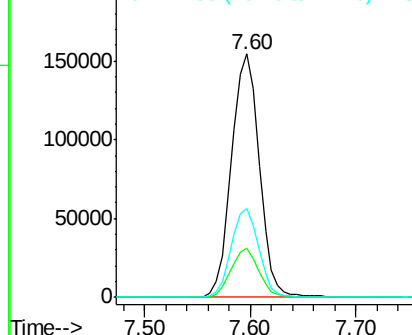
99 100

42 20.1 20.5 30.7#

71 36.7 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



#10

Phenol

Concen: 2.15 ng

RT: 7.63 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG027841.D

Acq: 3 Jul 2017 20:52

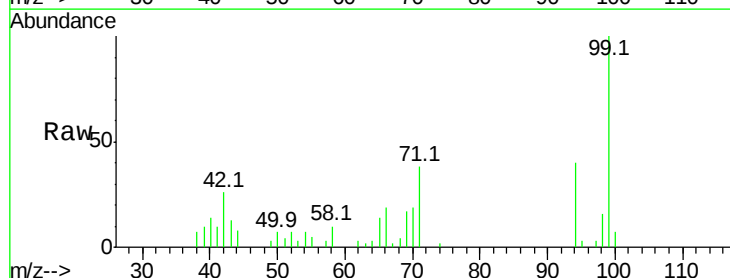
Tgt Ion: 94 Resp: 5694

Ion Ratio Lower Upper

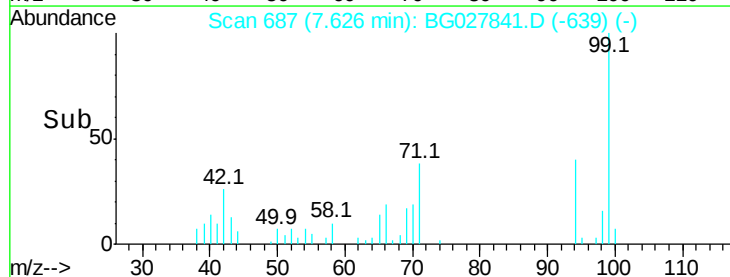
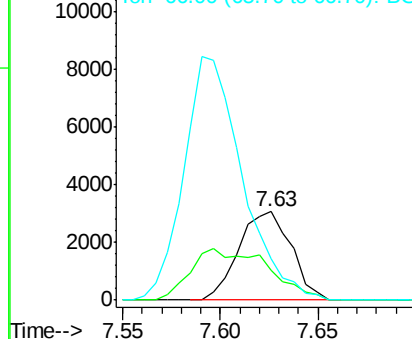
94 100

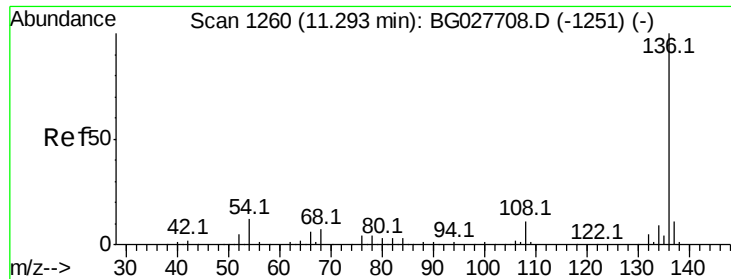
65 33.4 20.6 60.6

66 47.0 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

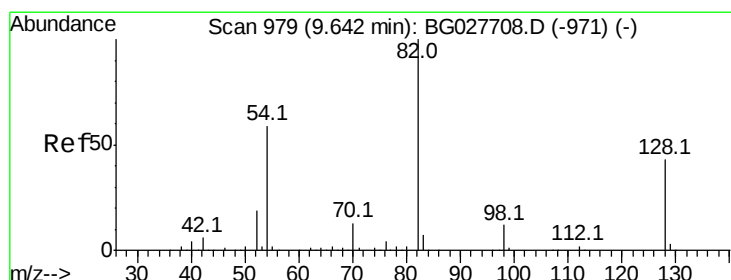
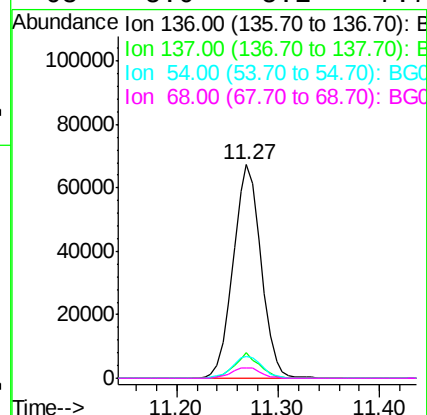
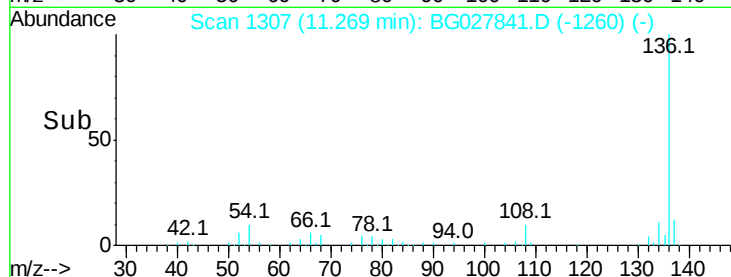
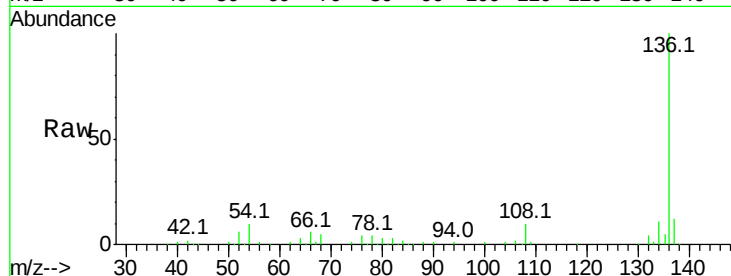




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

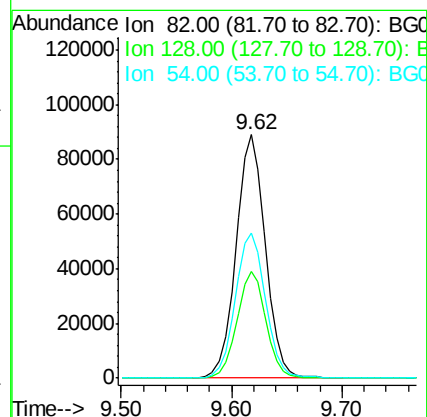
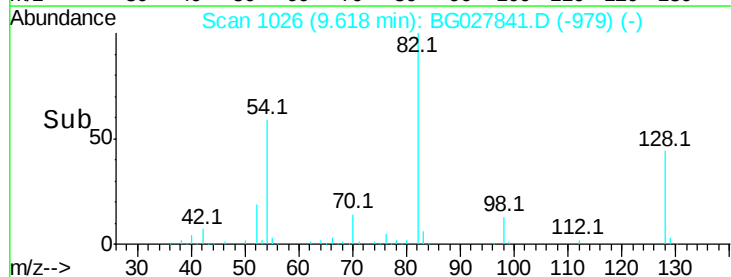
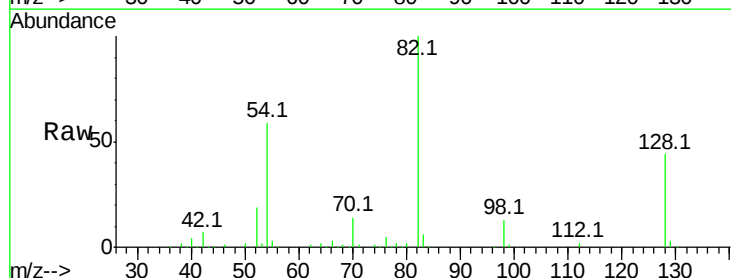
Instrument :
BNA_G
ClientSampled :

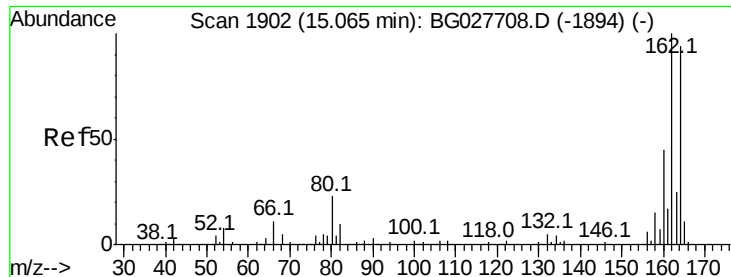
Tot Ion:	136	Resp:	127990
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.5	9.3	13.9
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 72.14 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:	82	Resp:	165638
Ion	Ratio	Lower	Upper
82	100		
128	43.6	26.4	39.6#
54	59.5	49.4	74.2

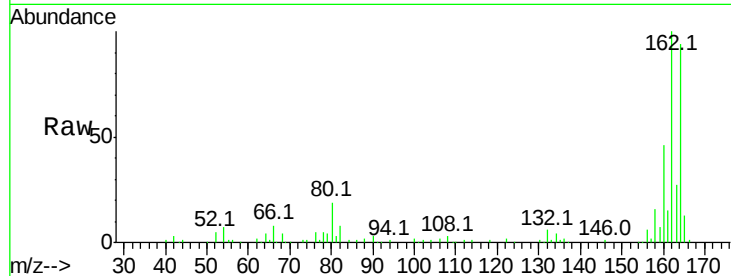




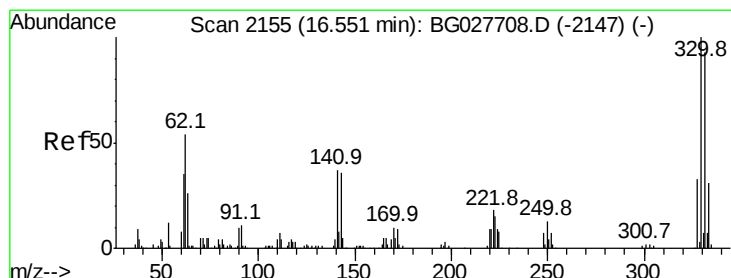
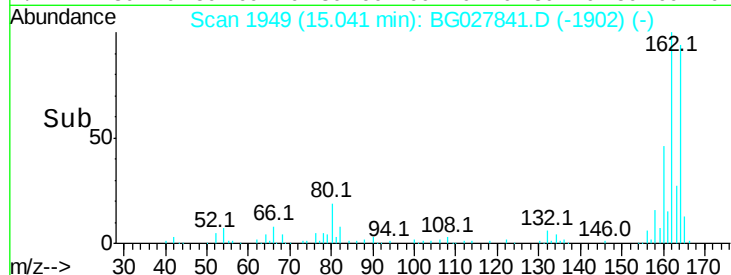
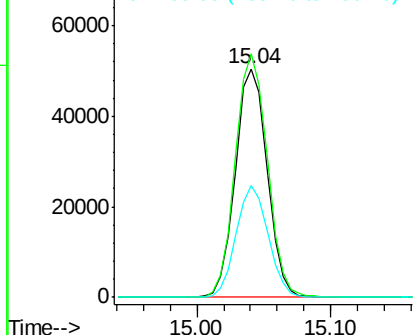
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 83390
Ion Ratio Lower Upper
164 100
162 106.5 85.1 127.7
160 49.2 34.7 52.1

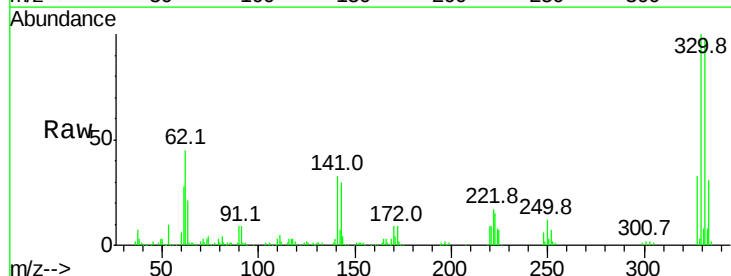


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

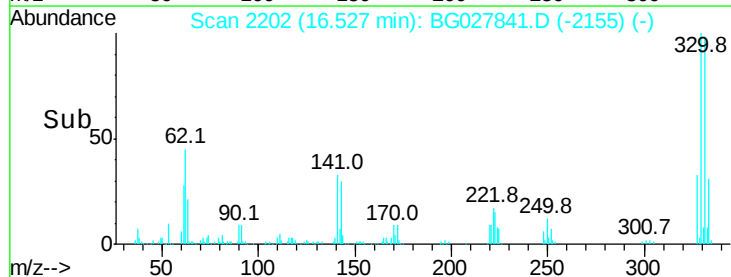
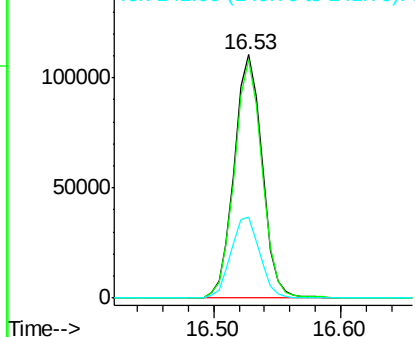


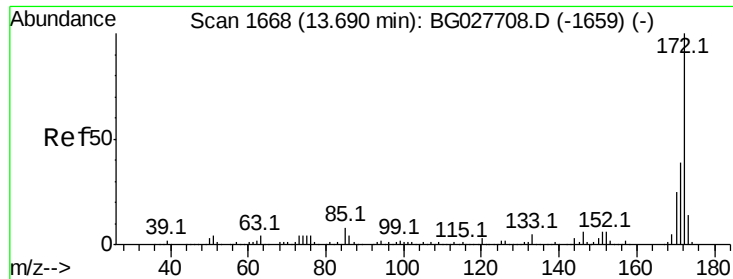
#41
2,4,6-Tribromophenol
Concen: 147.12 ng
RT: 16.53 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:330 Resp: 168269
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.5 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

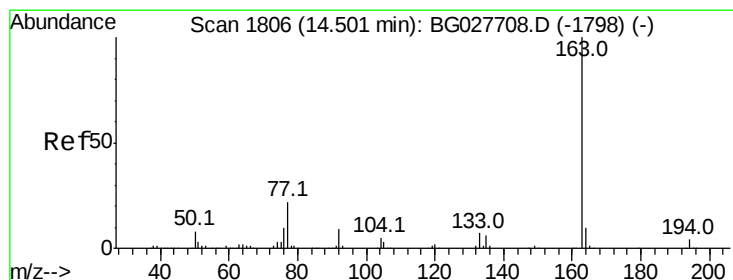
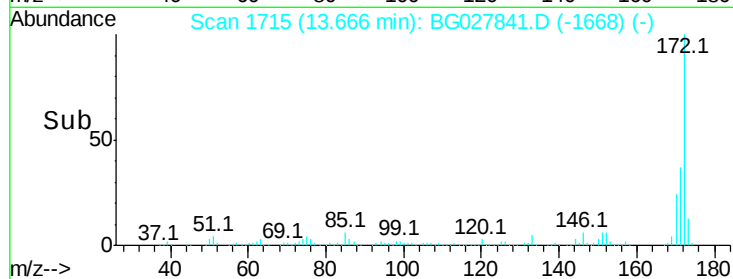
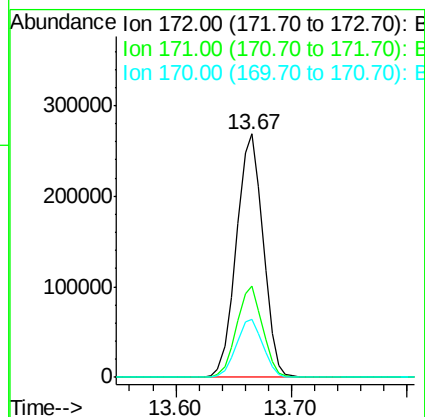
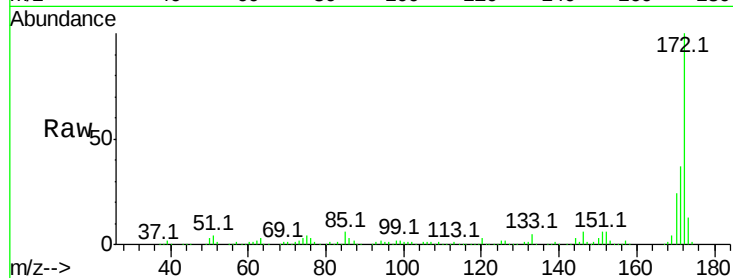




#44
2-Fluorobiphenyl
Concen: 73.74 ng
RT: 13.67 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

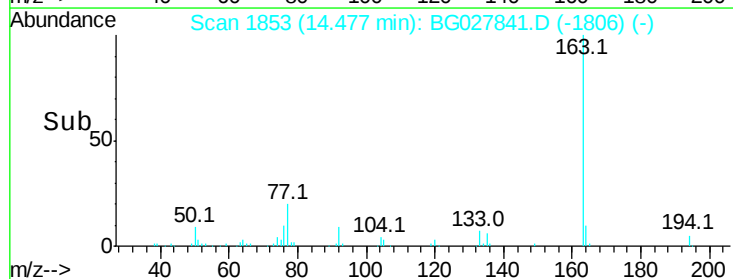
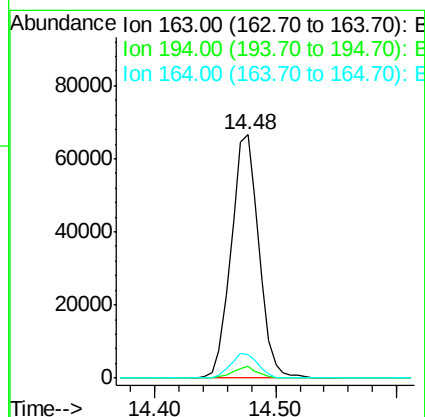
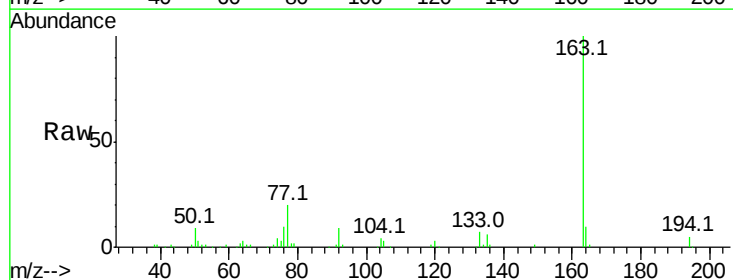
Instrument :
BNA_G
ClientSampleId :

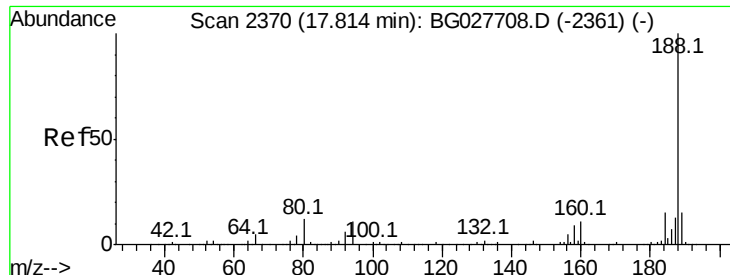
Tot Ion:172 Resp: 430592
Ion Ratio Lower Upper
172 100
171 37.4 32.2 48.2
170 24.1 21.8 32.6



#49
Dimethylphthalate
Concen: 14.96 ng
RT: 14.48 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:163 Resp: 106408
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 9.7 9.3 13.9

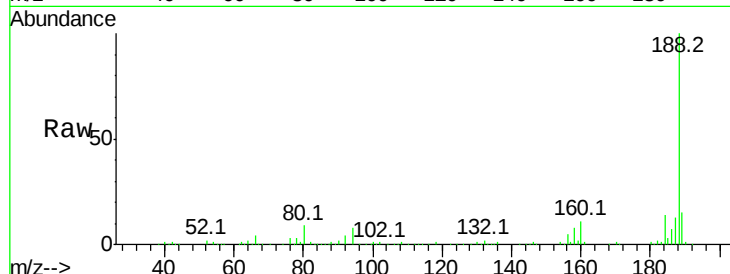




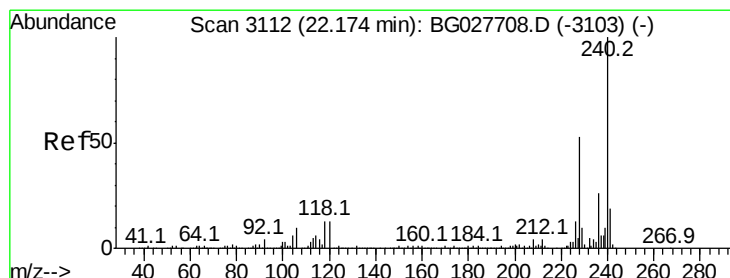
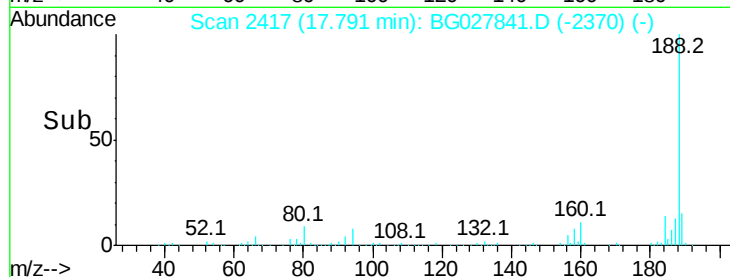
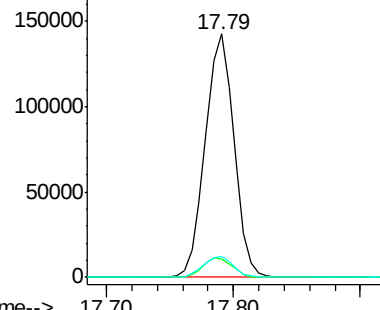
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG027841.D
 Acq: 3 Jul 2017 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 223225
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.8 8.8
 80 8.8 7.5 11.3

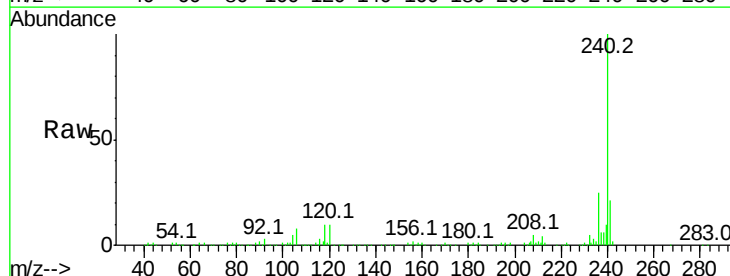


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

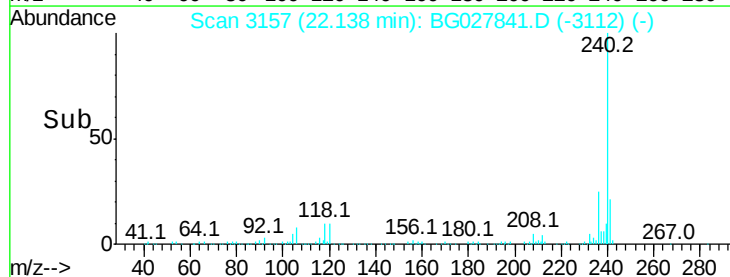
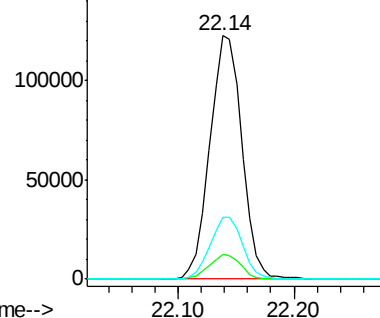


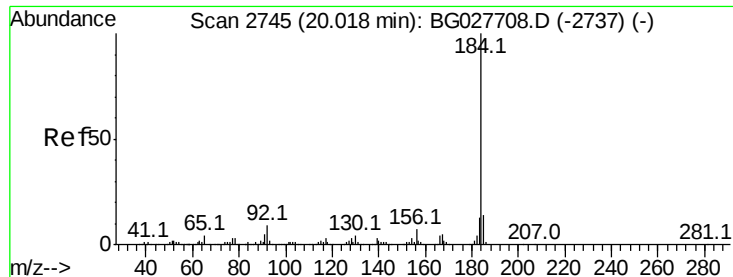
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.14 min Scan# 3157
 Delta R.T. -0.04 min
 Lab File: BG027841.D
 Acq: 3 Jul 2017 20:52

Tgt Ion:240 Resp: 235976
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.7 8.5#
 236 25.5 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





#76

Benzidine

Concen: 3.23 ng

RT: 19.92 min Scan# 2780

Delta R.T. -0.09 min

Lab File: BG027841.D

Acq: 3 Jul 2017 20:52

Instrument :

BNA_G

ClientSampleId :

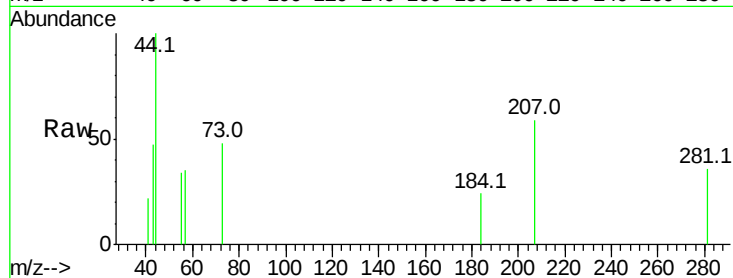
Tot Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

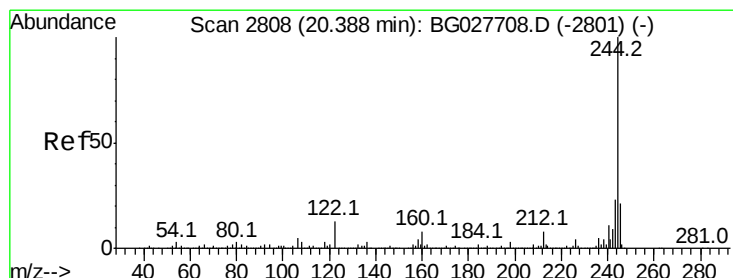
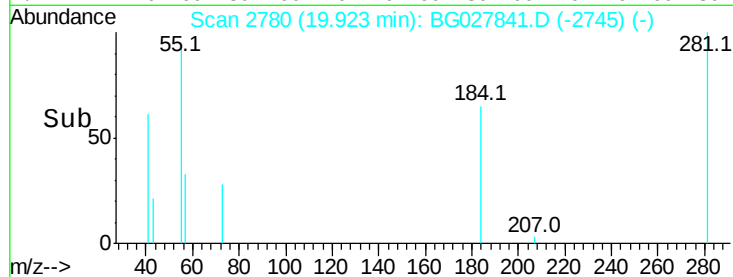
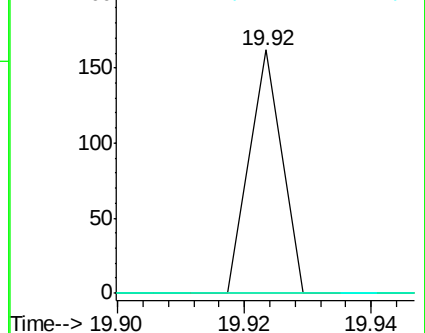
183 0.0 11.0 16.6#



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: 76.86 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027841.D

Acq: 3 Jul 2017 20:52

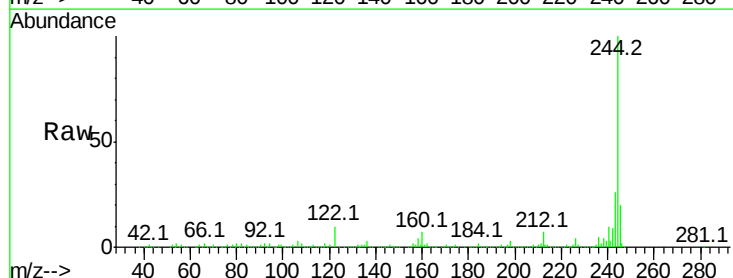
Tgt Ion:244 Resp: 773669

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

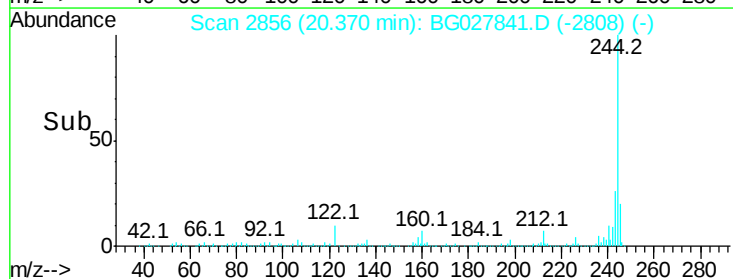
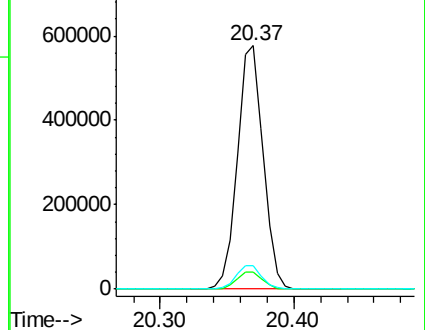
122 9.7 8.6 12.8

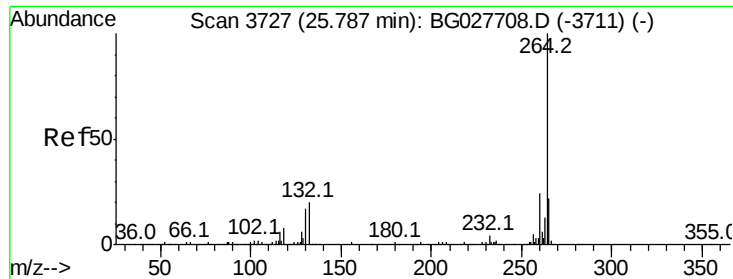


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.73 min Scan# 3768
Delta R.T. -0.06 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	22.2	18.2	27.4

