

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027379.D
 Acq On : 12 Jun 2017 17:30
 Operator : SJ/MA
 Sample : I3576-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 03:52:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

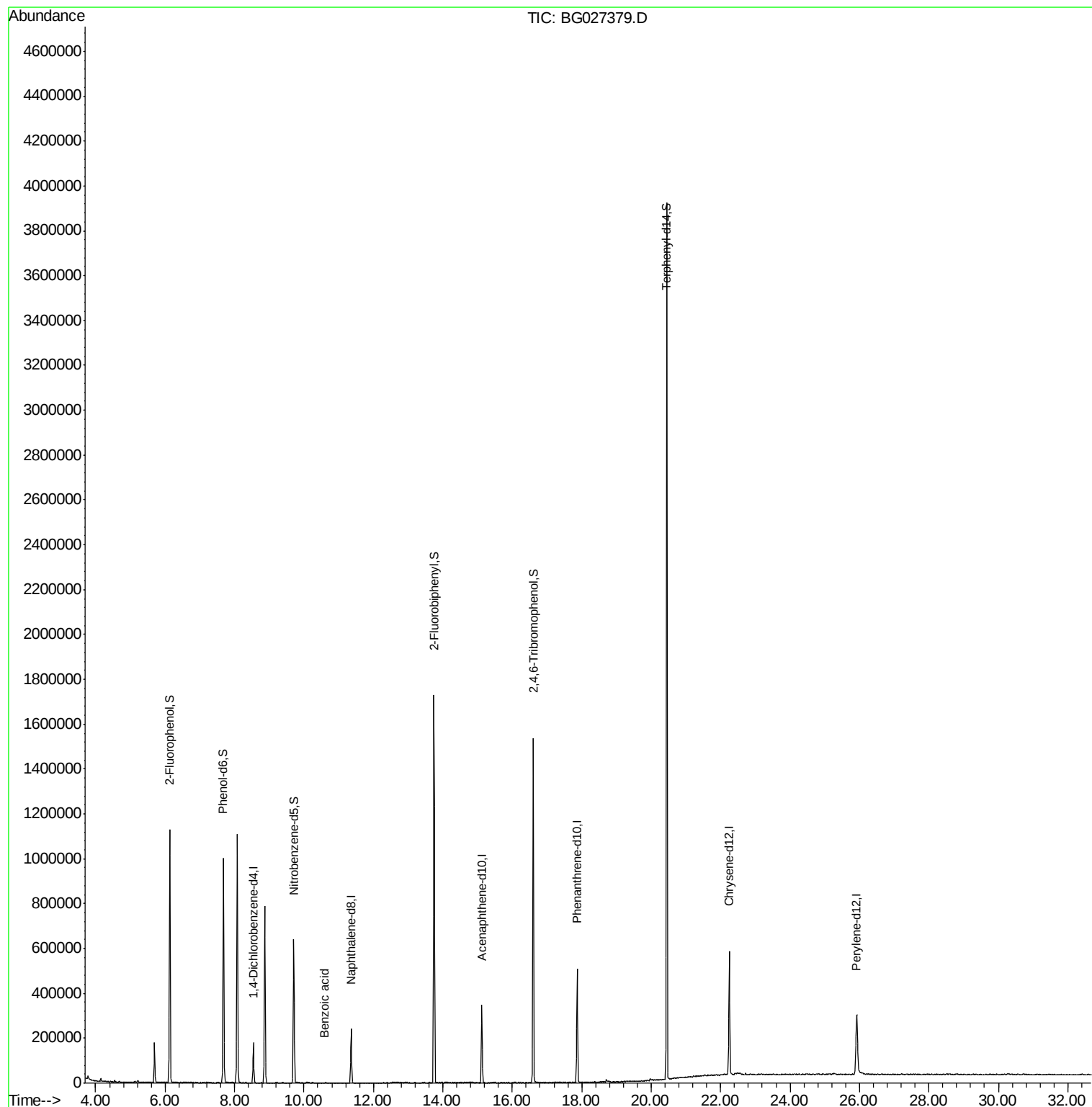
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	49346	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	211995	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	122671	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	317166	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	383175	20.00	ng	-0.06
86) Perylene-d12	25.92	264	307069	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	508955	157.39	ng	-0.02
7) Phenol-d6	7.68	99	632045	133.15	ng	-0.02
23) Nitrobenzene-d5	9.71	82	423822	125.73	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	301663	186.75	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	926206	105.63	ng	-0.05
78) Terphenyl-d14	20.45	244	1739050	115.78	ng	-0.05
Target Compounds						
32) Benzoic acid	10.60	122	53	8.04	ng	Qvalue # 1

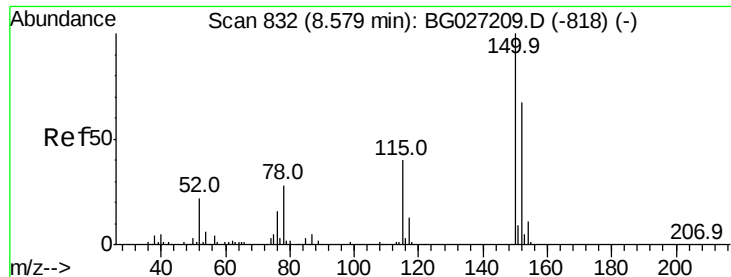
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.03 min

Lab File: BG027379.D

Acq: 12 Jun 2017 17:30

Instrument :

BNA_G

ClientSampleId :

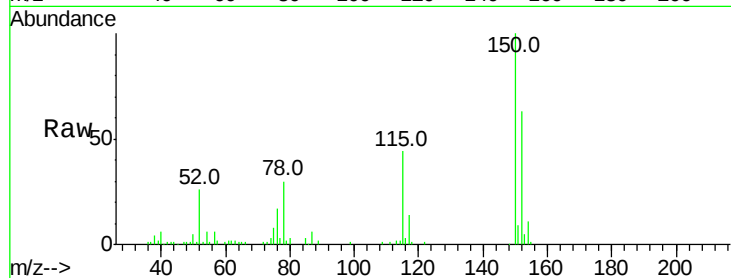
Tot Ion:152 Resp: 49346

Ion Ratio Lower Upper

152 100

150 159.0 114.0 171.0

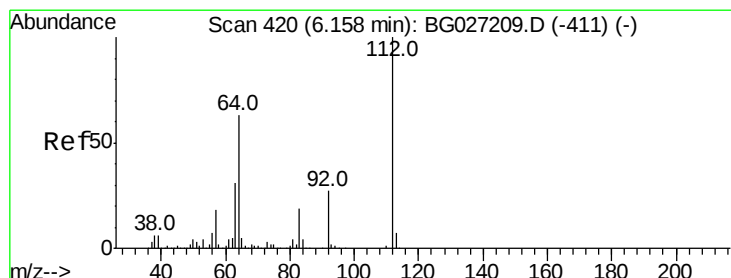
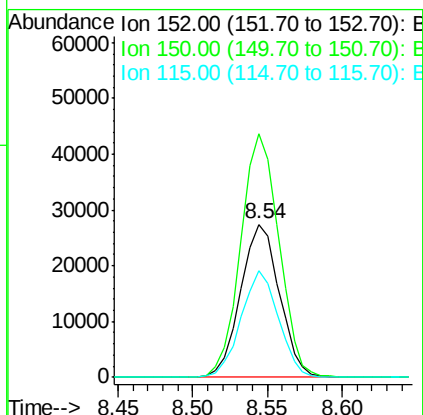
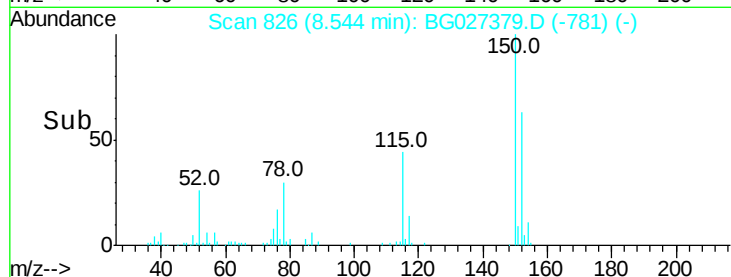
115 70.1 48.1 72.1



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: 157.39 ng

RT: 6.14 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027379.D

Acq: 12 Jun 2017 17:30

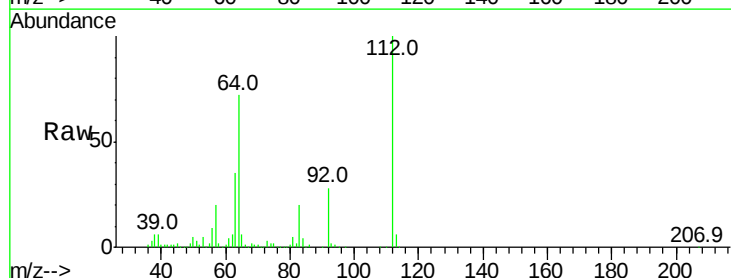
Tgt Ion:112 Resp: 508955

Ion Ratio Lower Upper

112 100

64 72.4 61.8 92.6

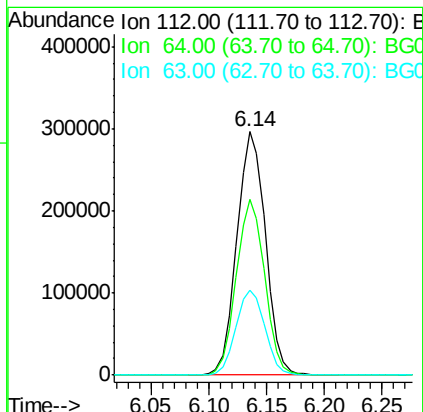
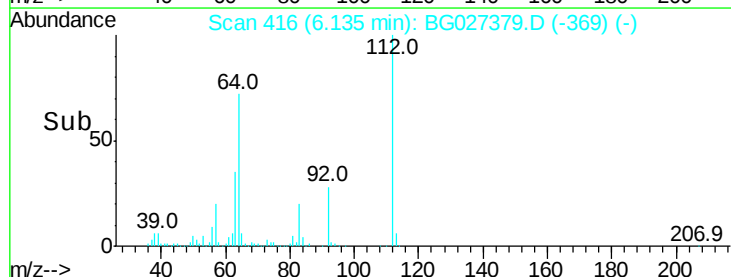
63 34.6 37.2 55.8#

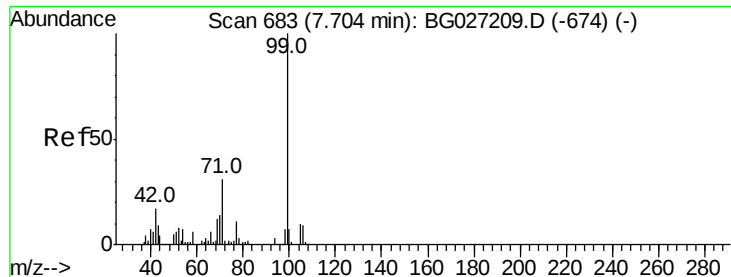


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.15 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027379.D

Acq: 12 Jun 2017 17:30

Instrument :

BNA_G

ClientSampleId :

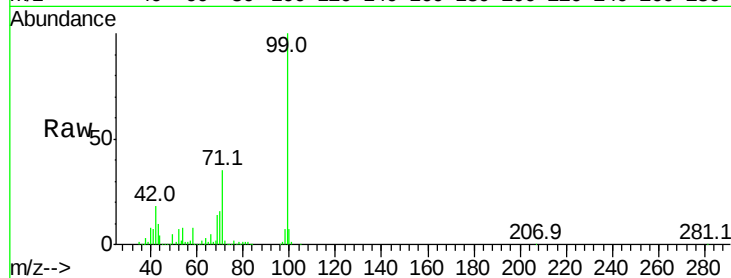
Tot Ion: 99 Resp: 632045

Ion Ratio Lower Upper

99 100

42 18.0 20.5 30.7#

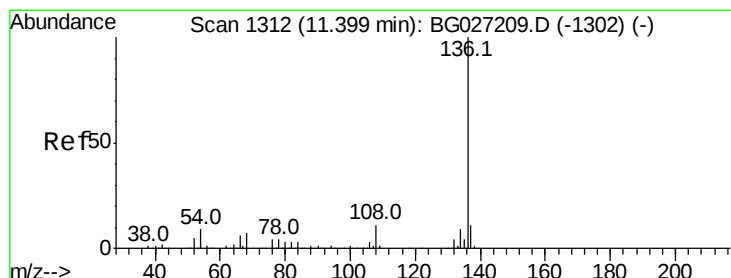
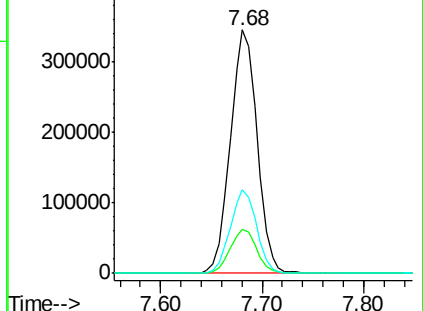
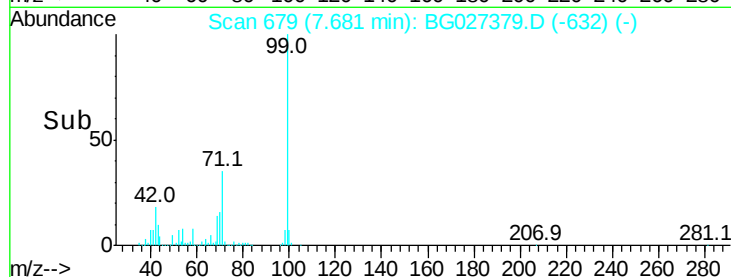
71 34.6 37.6 56.4#



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: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027379.D

Acq: 12 Jun 2017 17:30

Tgt Ion: 136 Resp: 211995

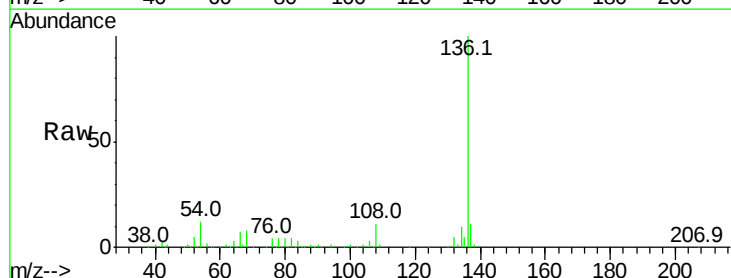
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 11.6 9.3 13.9

68 7.8 5.1 7.7#

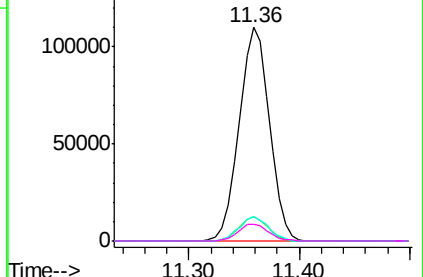
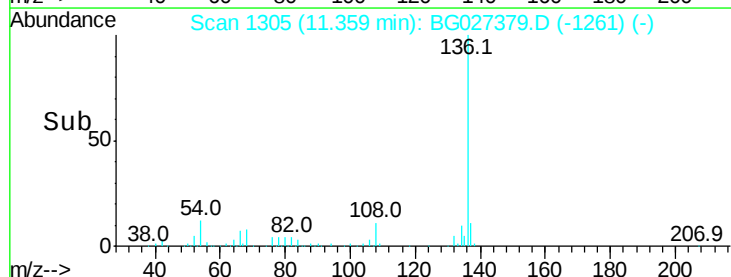


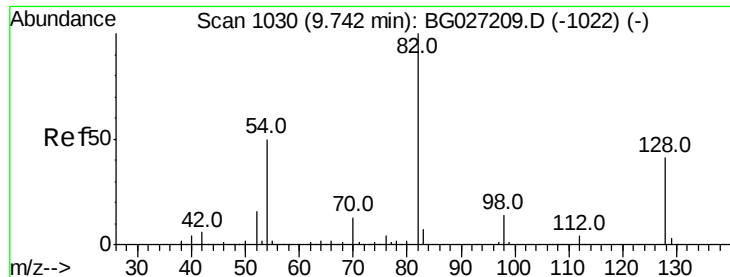
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

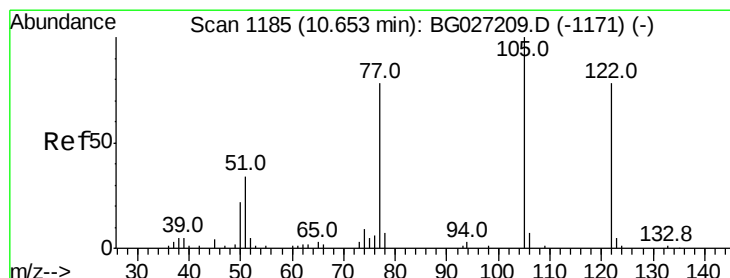
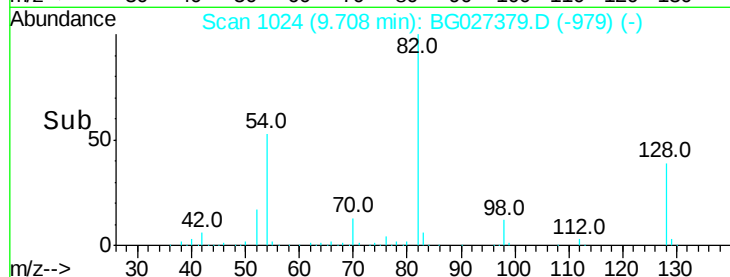
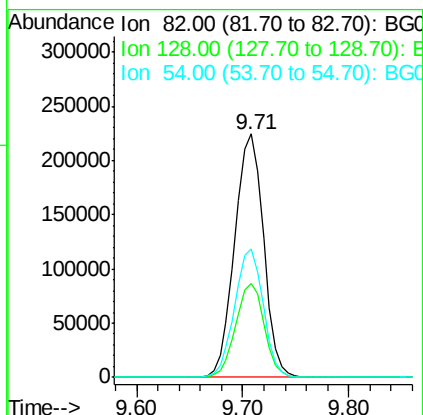
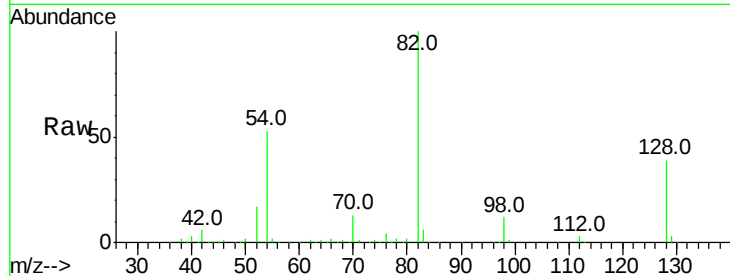




#23
 Nitrobenzene-d5
 Concen: 125.73 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BG027379.D
 Acq: 12 Jun 2017 17:30

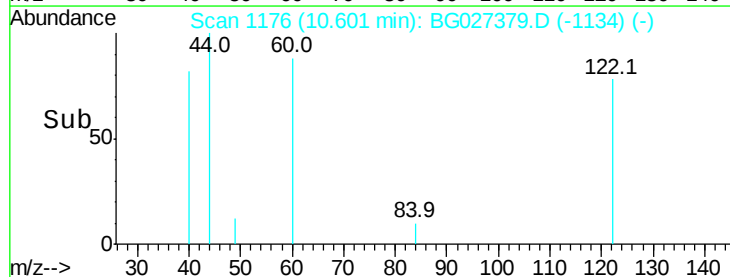
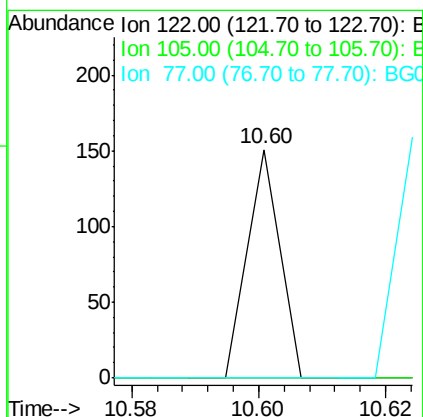
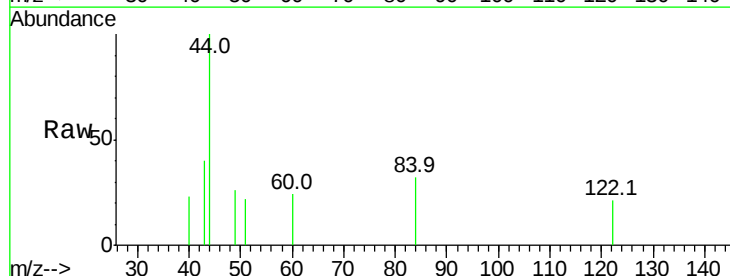
Instrument :
 BNA_G
 ClientSampleId :

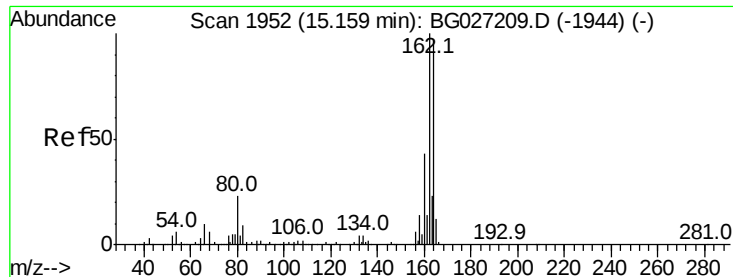
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	52.6	49.4	74.2



#32
 Benzoic acid
 Concen: 8.04 ng
 RT: 10.60 min Scan# 1176
 Delta R.T. -0.05 min
 Lab File: BG027379.D
 Acq: 12 Jun 2017 17:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

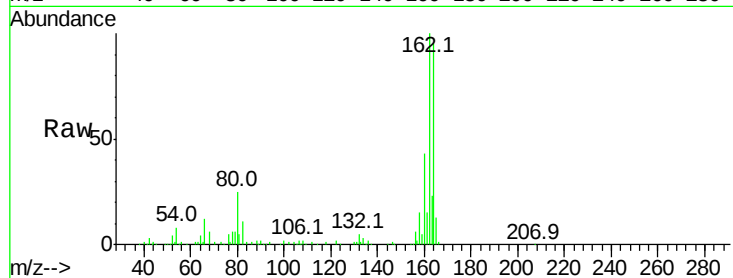




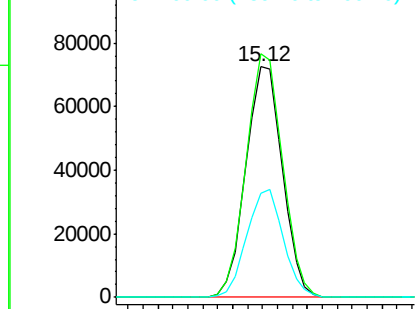
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG027379.D
Acq: 12 Jun 2017 17:30

Instrument :
BNA_G
ClientSampleId :

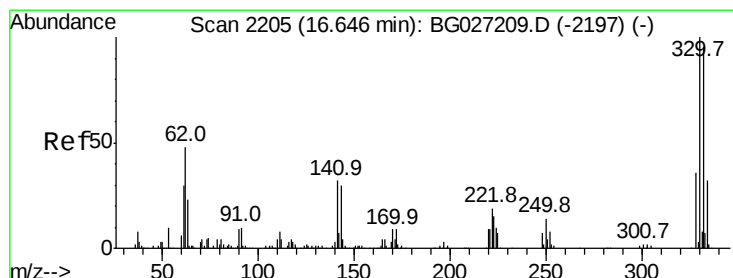
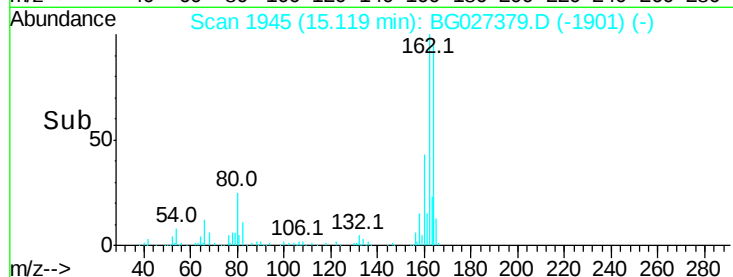
Tot Ion:164 Resp: 122671
Ion Ratio Lower Upper
164 100
162 105.5 85.1 127.7
160 45.2 34.7 52.1



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

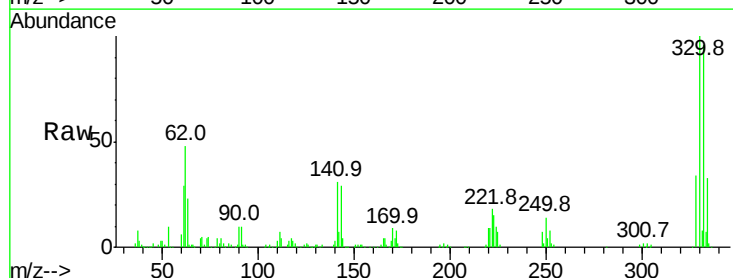


Time--> 15.05 15.10 15.15 15.20

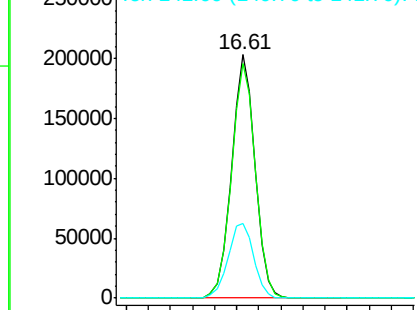


#41
2,4,6-Tribromophenol
Concen: 186.75 ng
RT: 16.61 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BG027379.D
Acq: 12 Jun 2017 17:30

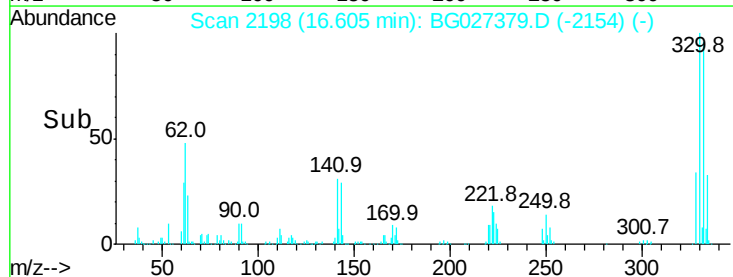
Tgt Ion:330 Resp: 301663
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 33.5 32.1 48.1

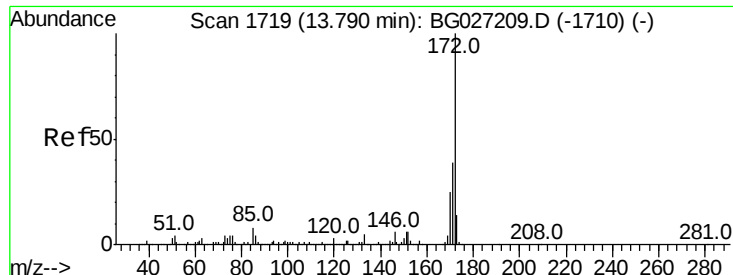


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time--> 16.50 16.60 16.70

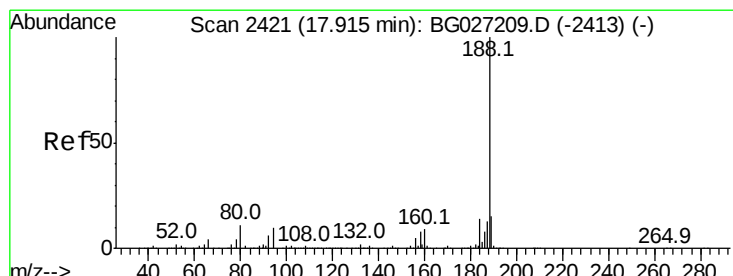
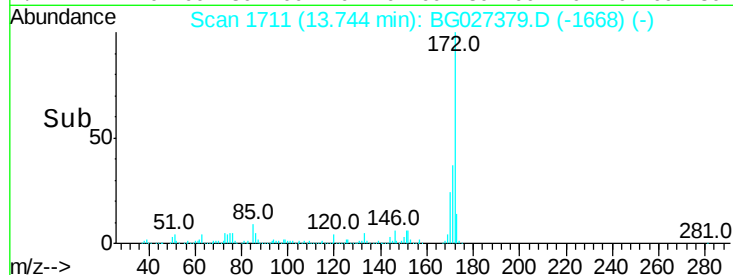
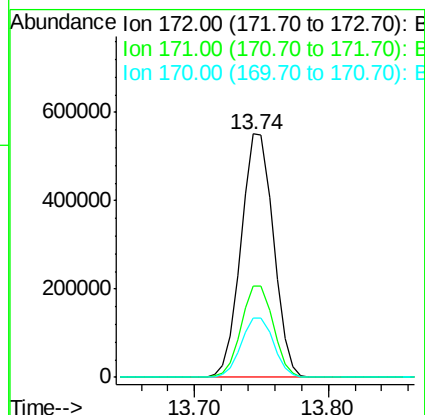
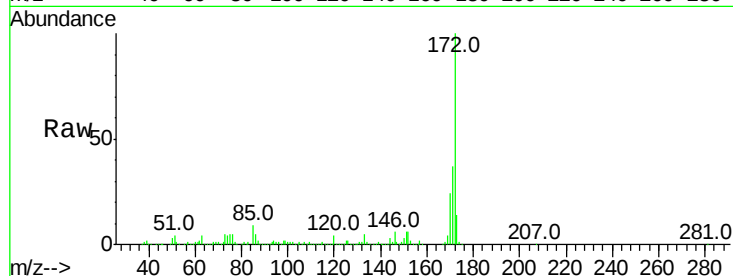




#44
2-Fluorobiphenyl
Concen: 105.63 ng
RT: 13.74 min Scan# 1711
Delta R.T. -0.05 min
Lab File: BG027379.D
Acq: 12 Jun 2017 17:30

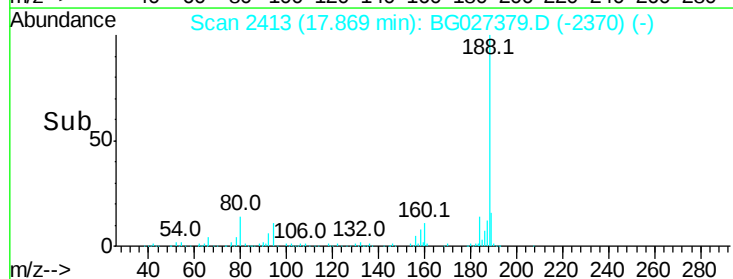
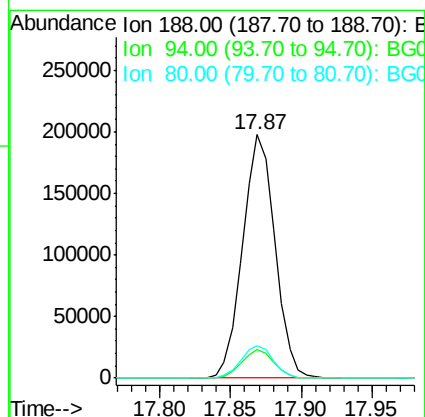
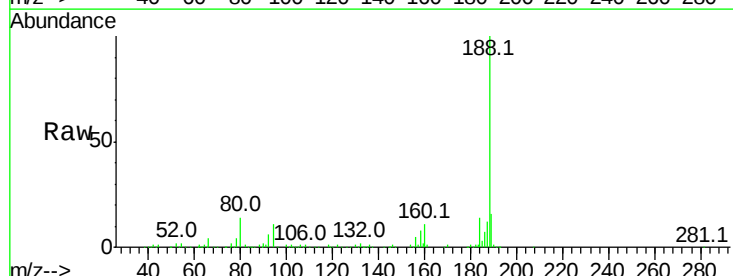
Instrument :
BNA_G
ClientSampleId :

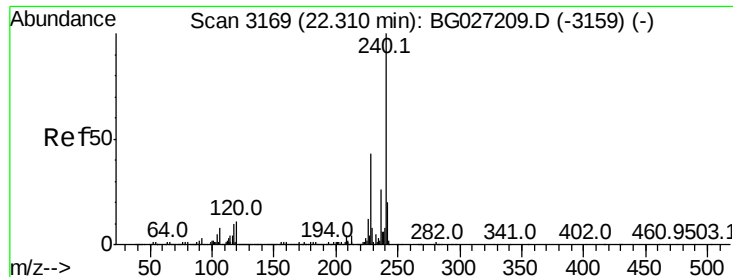
Tot Ion:172 Resp: 926206
Ion Ratio Lower Upper
172 100
171 37.3 32.2 48.2
170 24.5 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027379.D
Acq: 12 Jun 2017 17:30

Tgt Ion:188 Resp: 317166
Ion Ratio Lower Upper
188 100
94 11.5 5.8 8.8#
80 13.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027379.D

Acq: 12 Jun 2017 17:30

Instrument :

BNA_G

ClientSampled :

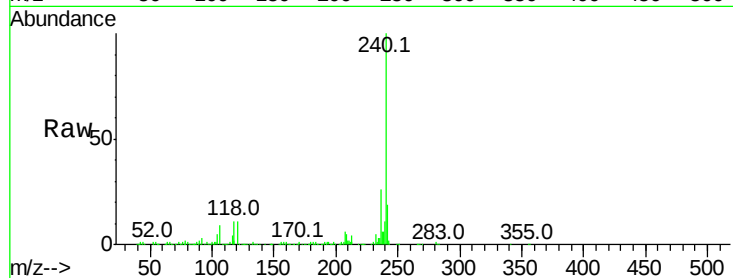
Tot Ion:240 Resp: 383175

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

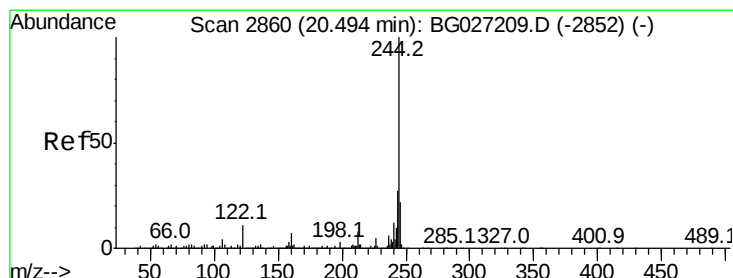
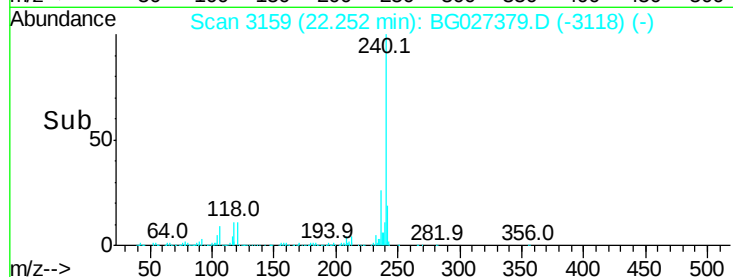
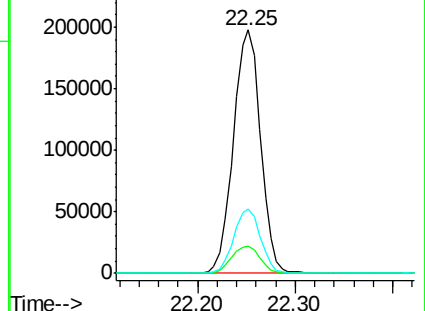
236 26.4 22.2 33.4



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



#78

Terphenyl-d14

Concen: 115.78 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027379.D

Acq: 12 Jun 2017 17:30

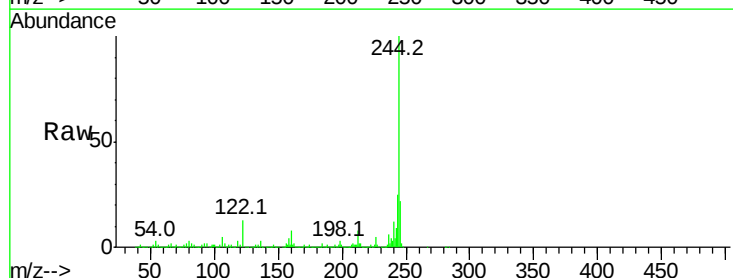
Tgt Ion:244 Resp: 1739050

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

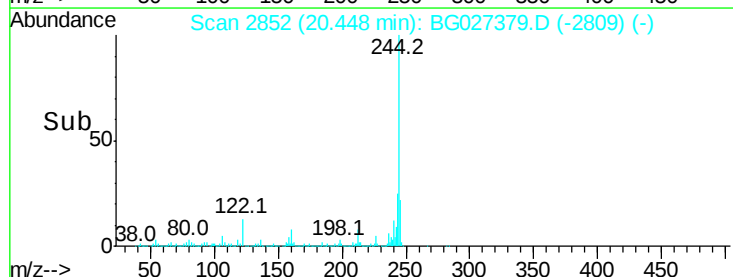
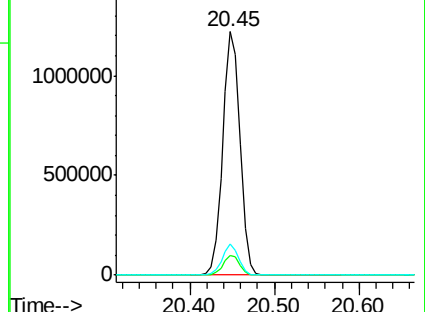
122 12.6 8.6 12.8

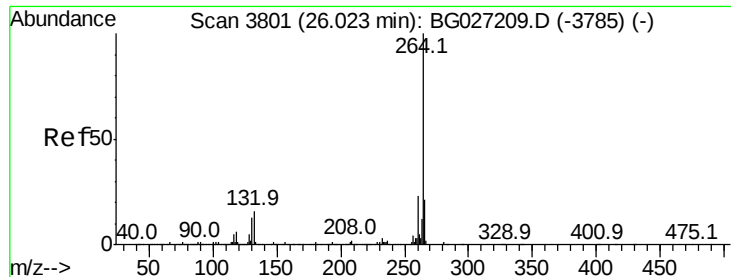


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.92 min Scan# 3784
Delta R.T. -0.10 min
Lab File: BG027379.D
Acq: 12 Jun 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	20.8	18.2	27.4

