

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027231.D
 Acq On : 6 Jun 2017 3:07
 Operator : SJ/MA
 Sample : I3407-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0028

Quant Time: Jun 06 05:26:08 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

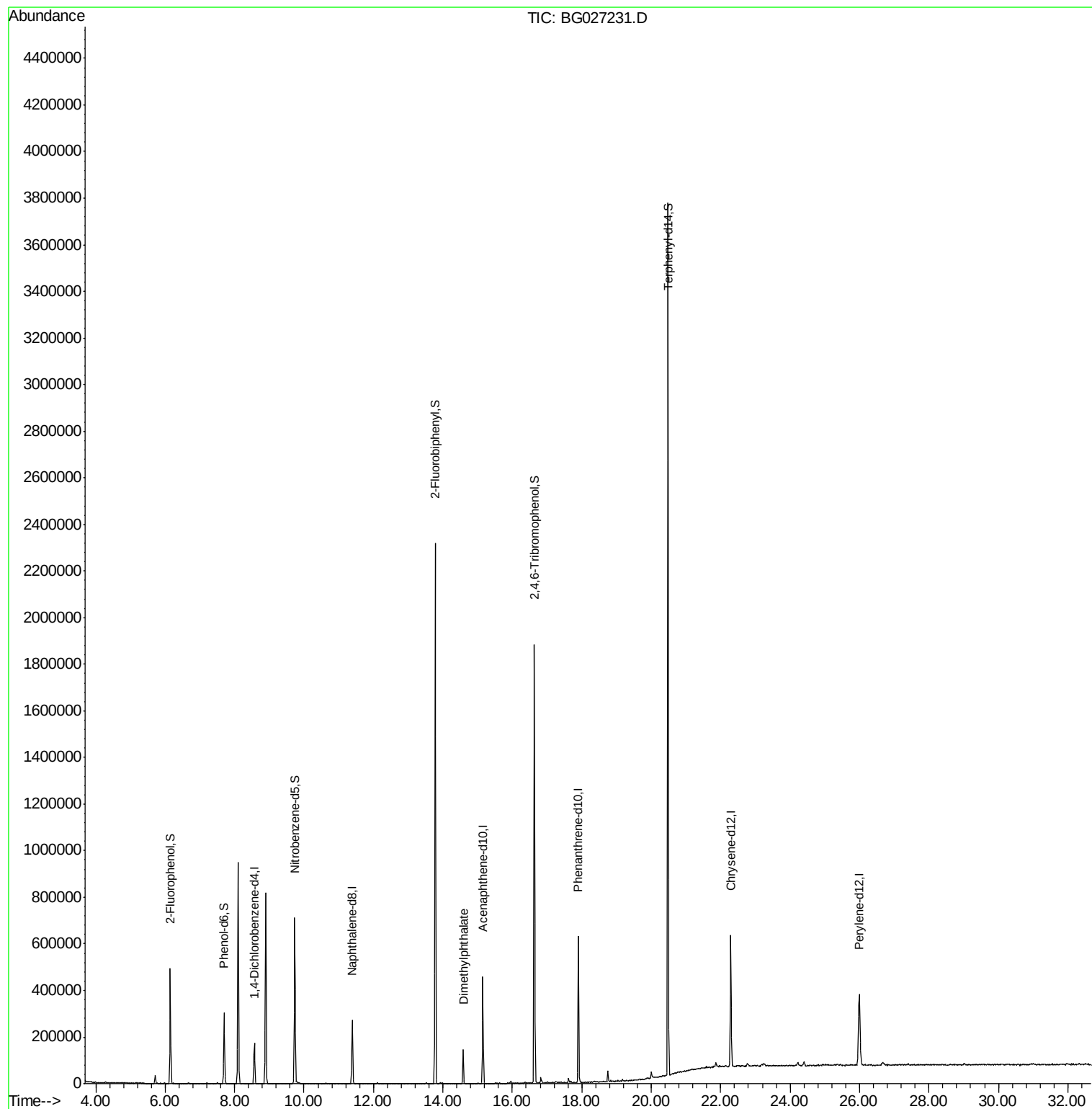
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	52483	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	251483	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	168635	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	405450	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	397020	20.00	ng	-0.02
86) Perylene-d12	25.99	264	379600	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	238599	69.37	ng	0.00
7) Phenol-d6	7.70	99	202542	40.12	ng	0.00
23) Nitrobenzene-d5	9.73	82	465109	116.31	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	399707	180.00	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1256649	104.25	ng	-0.01
78) Terphenyl-d14	20.48	244	1683341	108.16	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.59	163	104295	7.80	ng	Qvalue 96

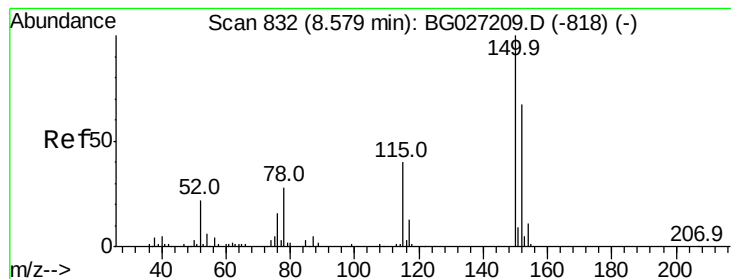
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampleId :

S22-0028

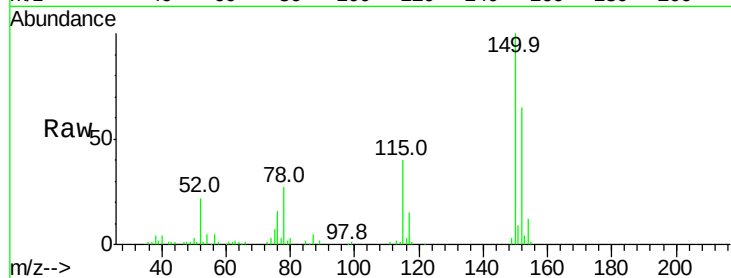
Tot Ion:152 Resp: 52483

Ion Ratio Lower Upper

152 100

150 153.7 114.0 171.0

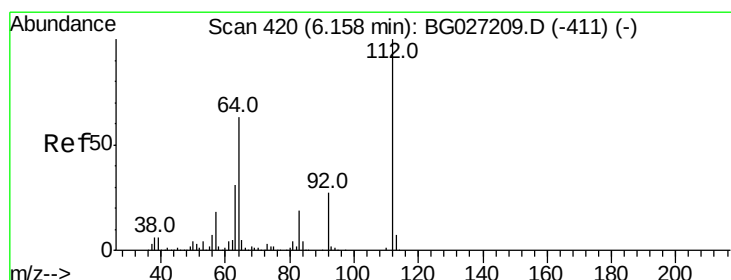
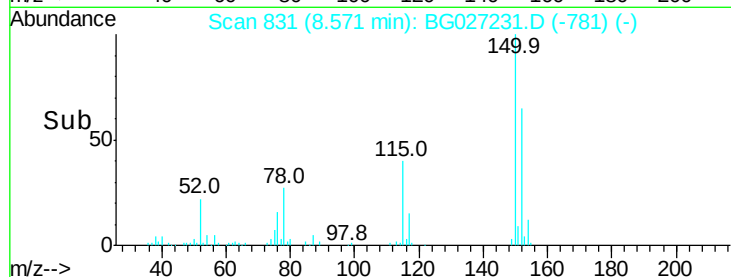
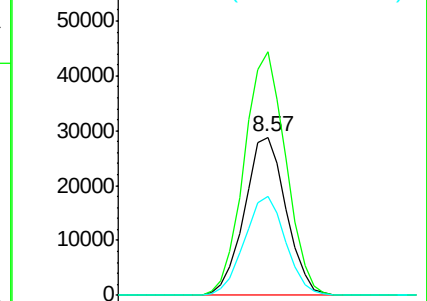
115 62.1 48.1 72.1



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: 69.37 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

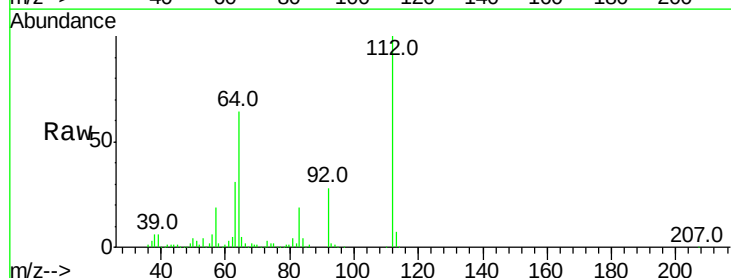
Tgt Ion:112 Resp: 238599

Ion Ratio Lower Upper

112 100

64 64.0 61.8 92.6

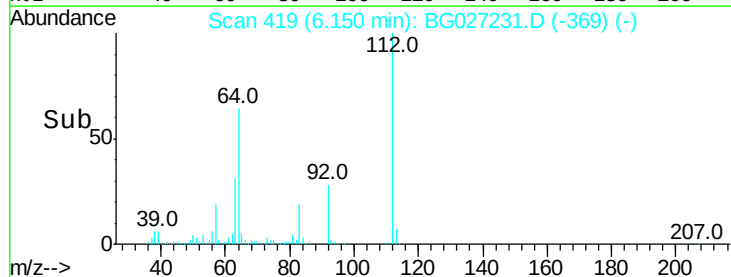
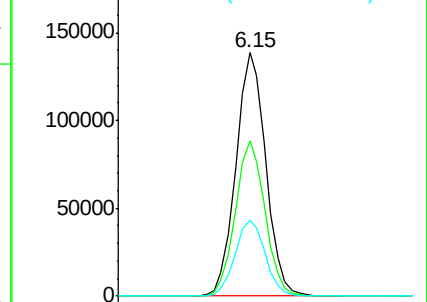
63 31.4 37.2 55.8#

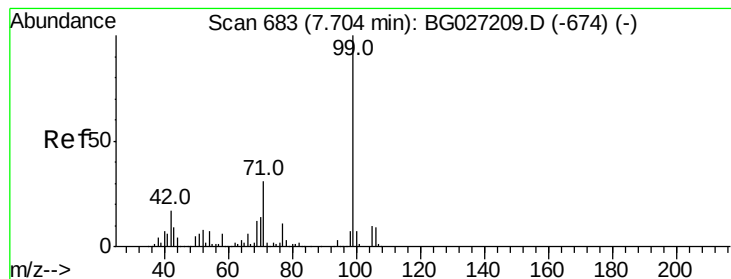


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.12 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampled :

S22-0028

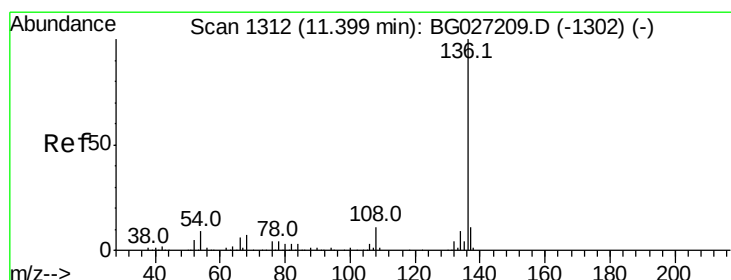
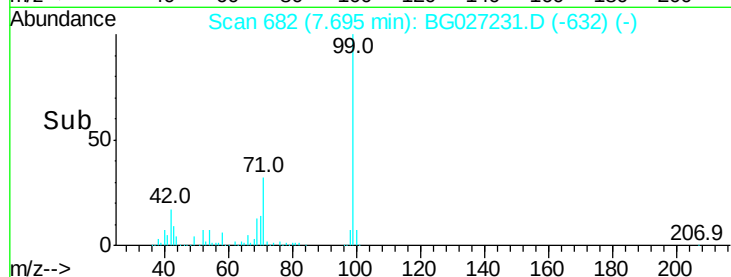
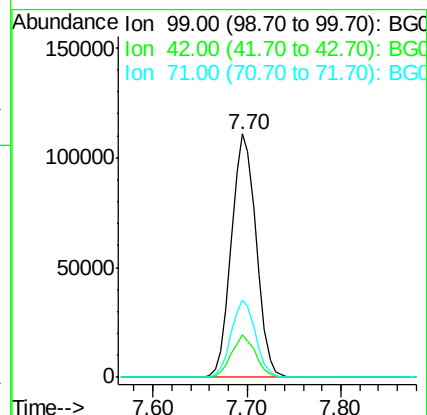
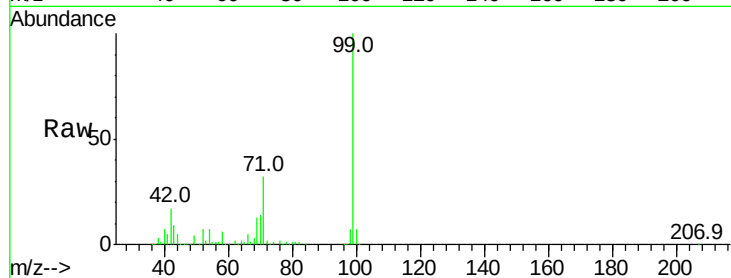
Tot Ion: 99 Resp: 202542

Ion Ratio Lower Upper

99 100

42 17.3 20.5 30.7#

71 31.6 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Tgt Ion: 136 Resp: 251483

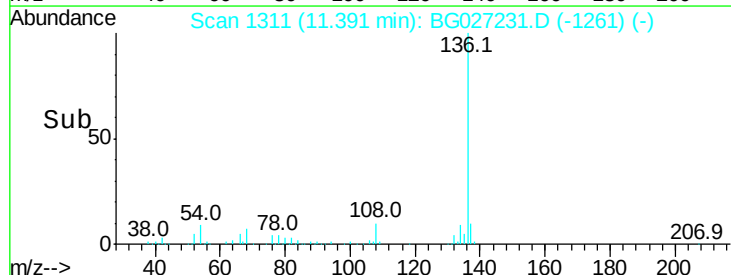
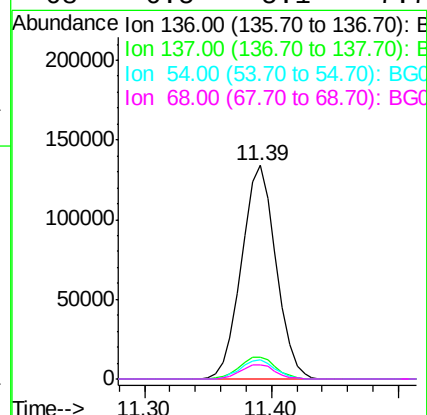
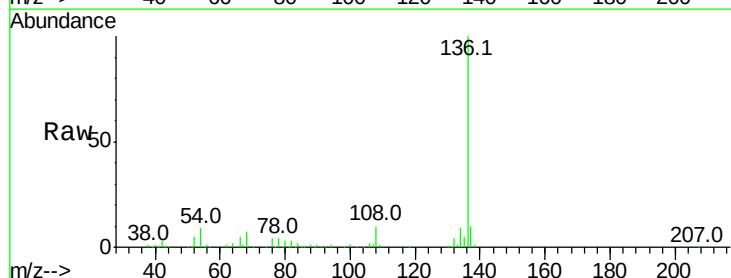
Ion Ratio Lower Upper

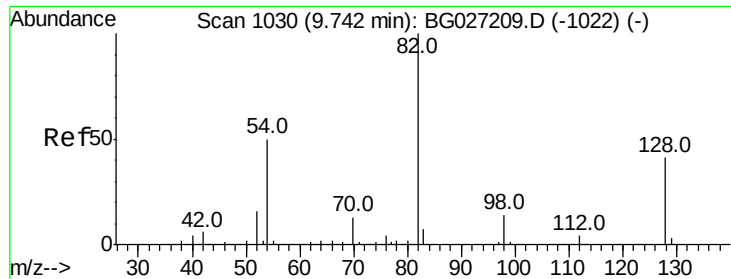
136 100

137 10.3 8.9 13.3

54 8.9 9.3 13.9#

68 6.5 5.1 7.7

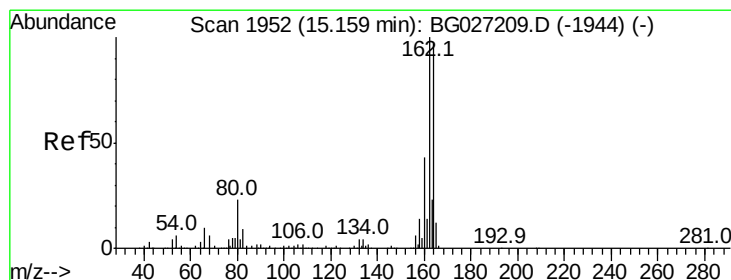
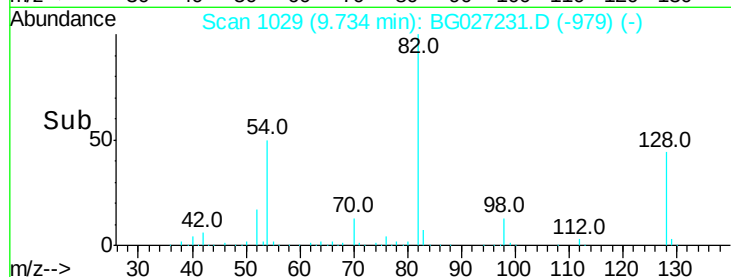
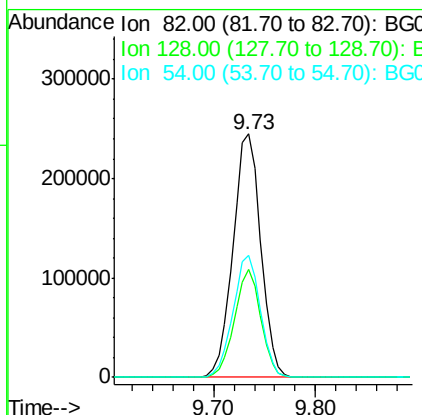
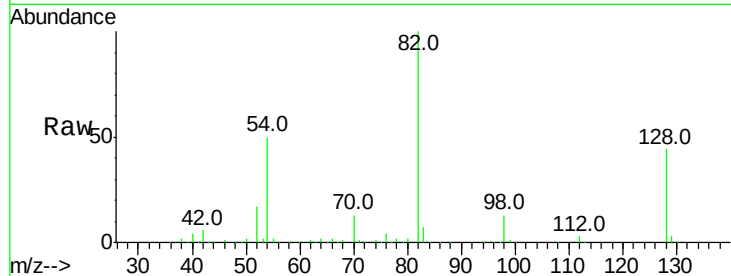




#23
 Nitrobenzene-d5
 Concen: 116.31 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027231.D
 Acq: 6 Jun 2017 3:07

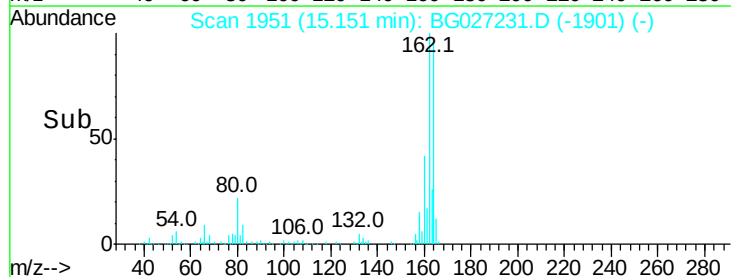
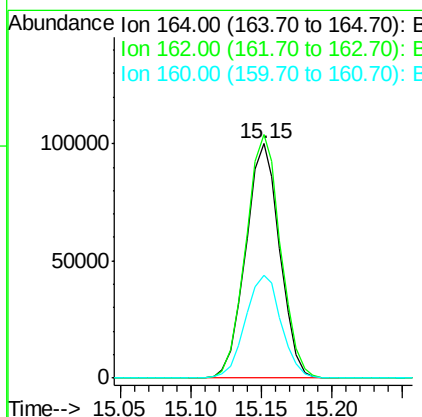
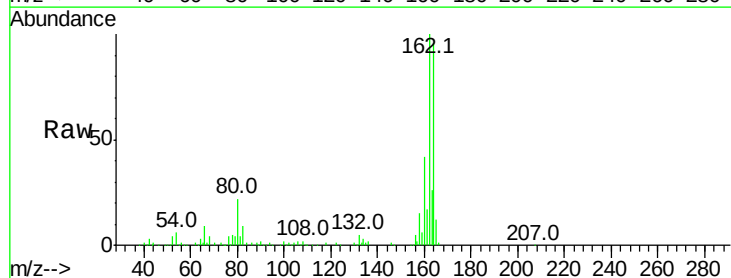
Instrument :
 BNA_G
 ClientSampleId :
 S22-0028

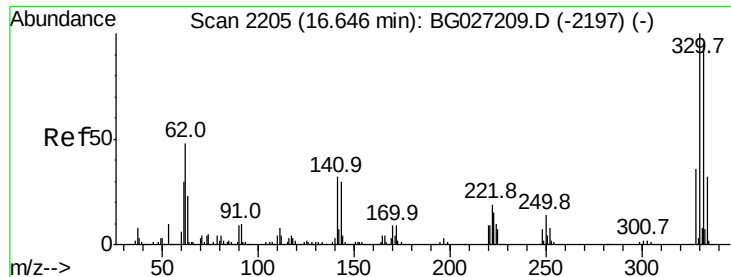
Tot Ion	82	Resp	465109
Ion	Ratio	Lower	Upper
82	100		
128	44.3	26.4	39.6
54	50.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG027231.D
 Acq: 6 Jun 2017 3:07

Tgt Ion	164	Resp	168635
Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	44.1	34.7	52.1

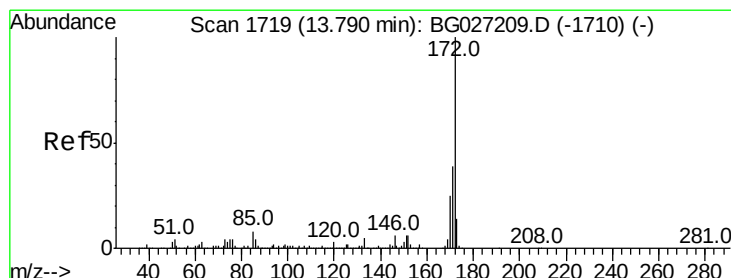
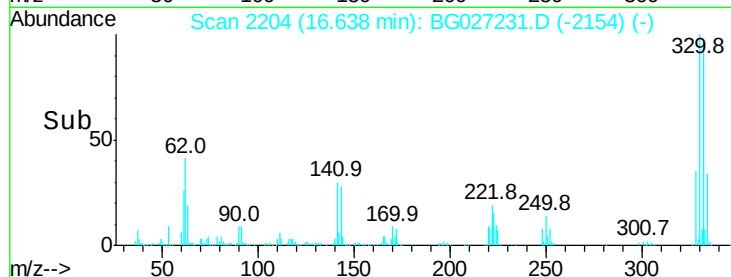
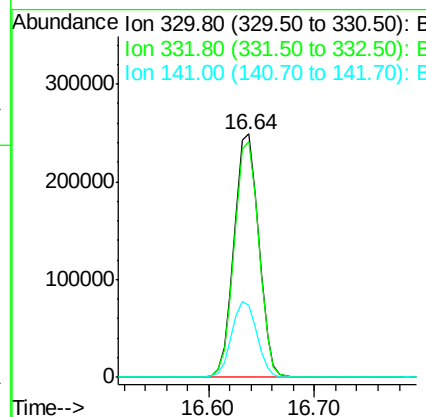
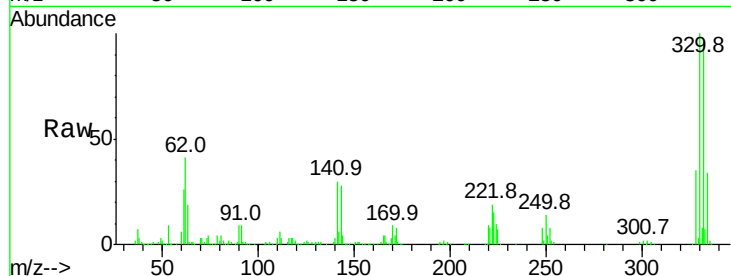




#41
 2,4,6-Tribromophenol
 Concen: 180.00 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027231.D
 Acq: 6 Jun 2017 3:07

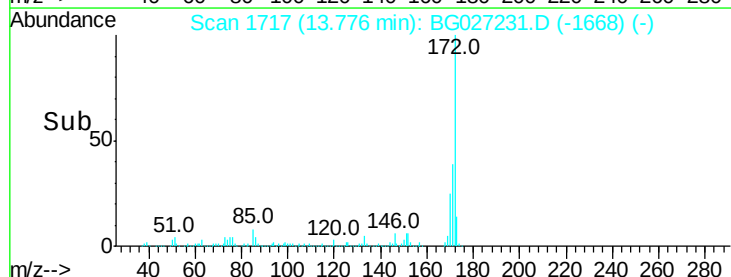
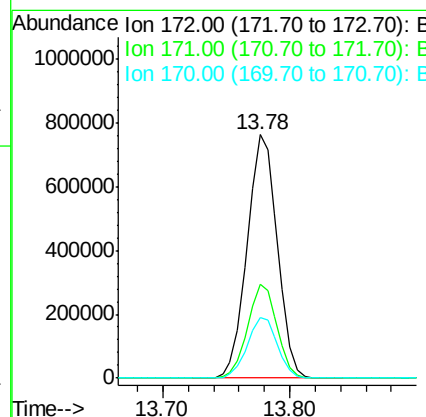
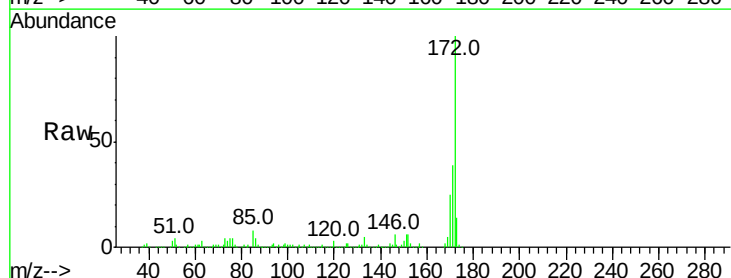
Instrument :
 BNA_G
 ClientSampleId :
 S22-0028

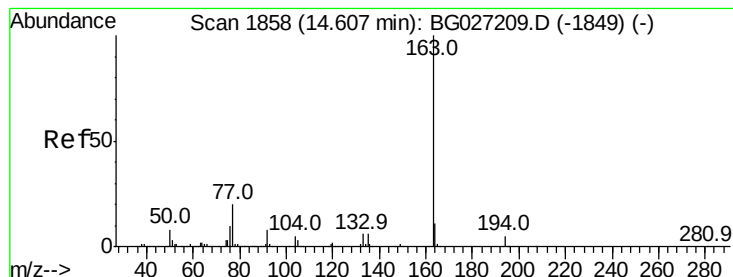
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 104.25 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027231.D
 Acq: 6 Jun 2017 3:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	25.0	21.8	32.6





#49

Dimethylphthalate

Concen: 7.80 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampleId :

S22-0028

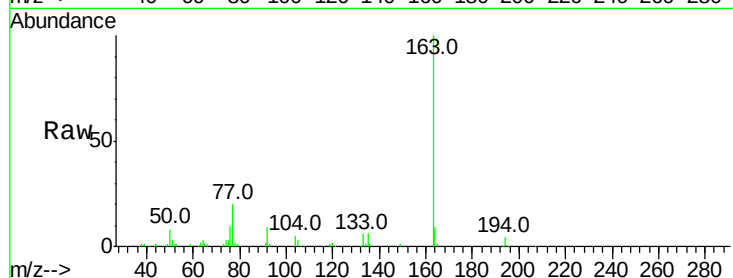
Tot Ion:163 Resp: 104295

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

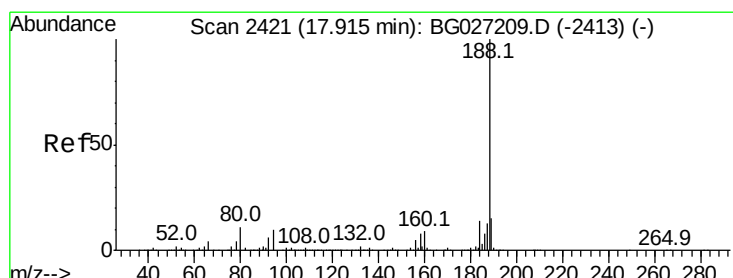
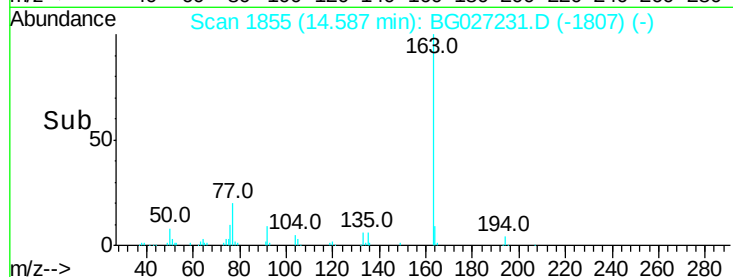
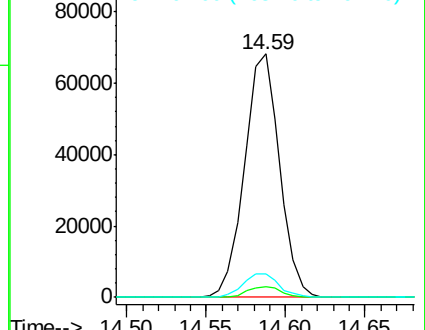
164 9.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

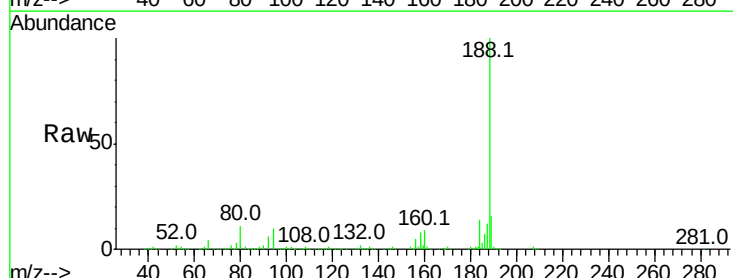
Tgt Ion:188 Resp: 405450

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.8#

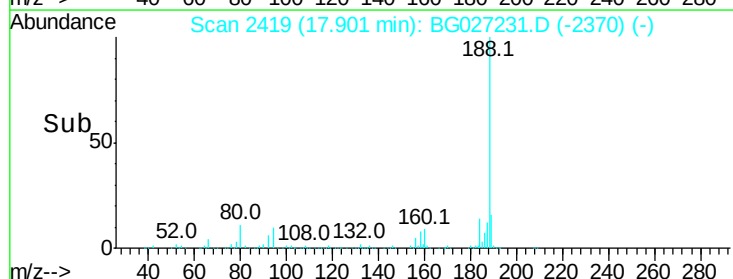
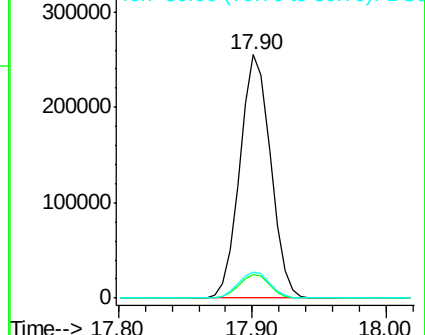
80 10.6 7.5 11.3

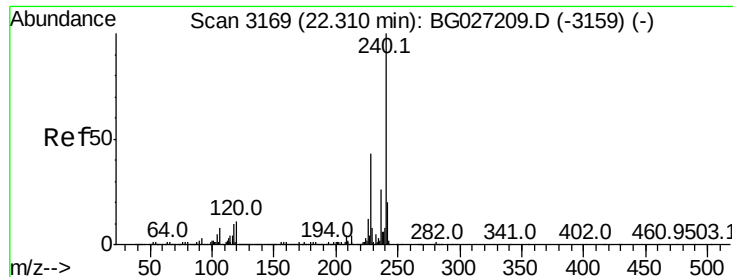


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampled :

S22-0028

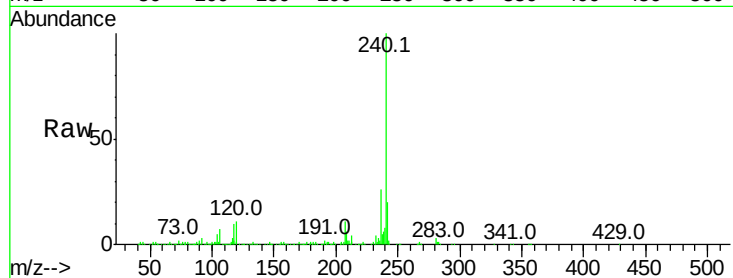
Tot Ion:240 Resp: 397020

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

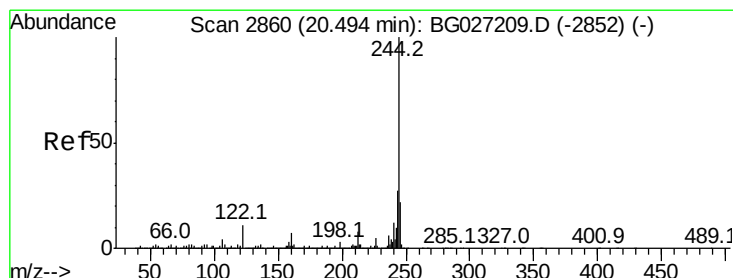
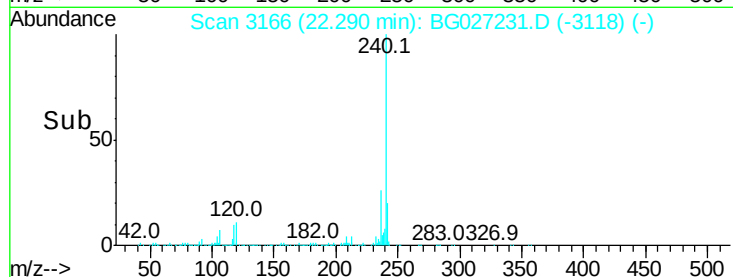
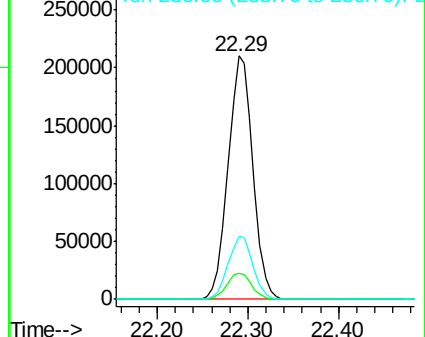
236 26.1 22.2 33.4



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: 108.16 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

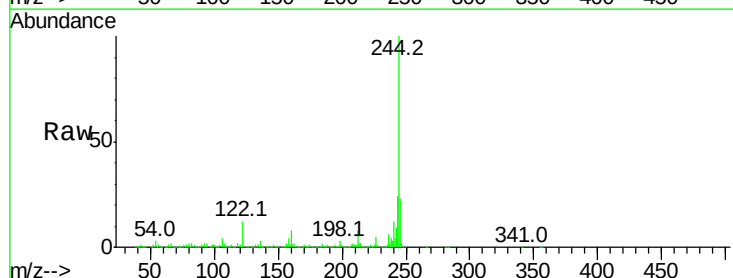
Tgt Ion:244 Resp: 1683341

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

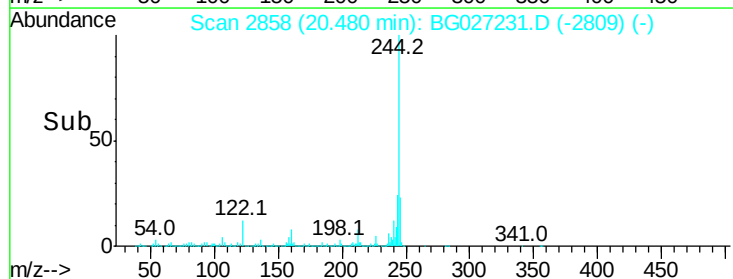
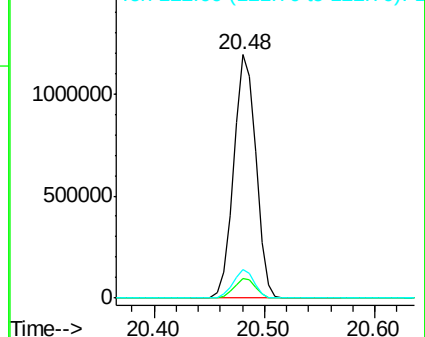
122 11.7 8.6 12.8

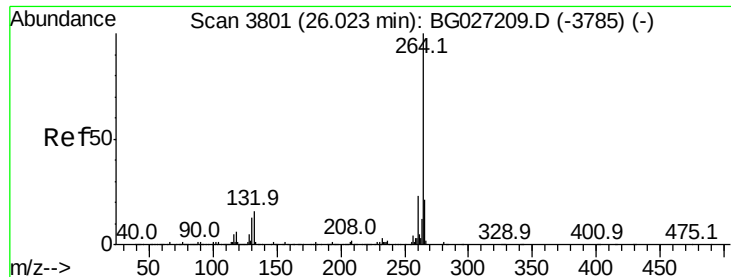


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.99 min Scan# 3796
Delta R.T. -0.03 min
Lab File: BG027231.D
Acq: 6 Jun 2017 3:07

Instrument :
BNA_G
ClientSampleId :
S22-0028

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.8
265	22.2	18.2	27.4

