

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027230.D
 Acq On : 6 Jun 2017 2:27
 Operator : SJ/MA
 Sample : I3407-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0026

Quant Time: Jun 06 05:23:41 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

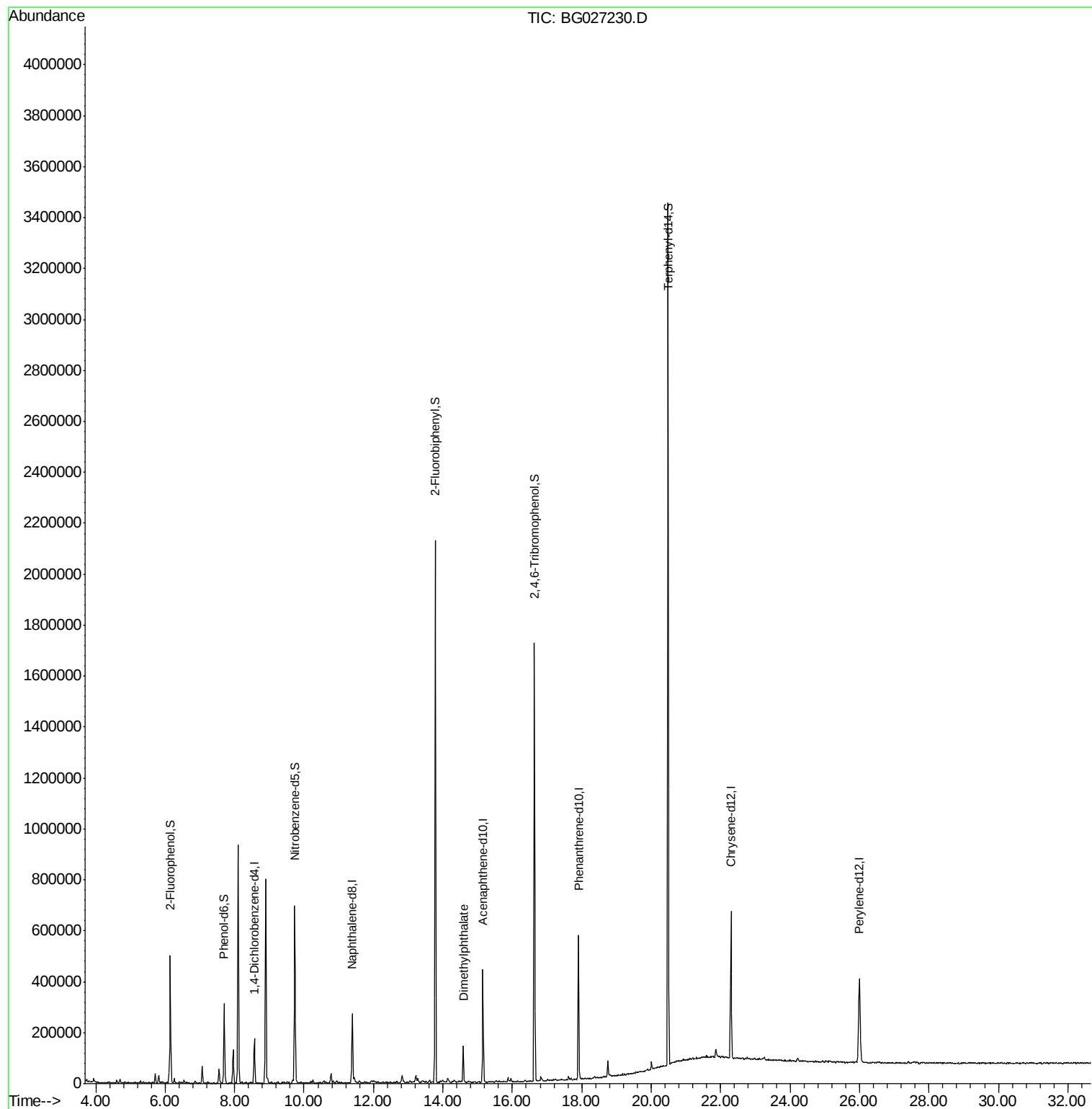
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	51088	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	247117	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	162427	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	373086	20.00	ng	0.00
75) Chrysene-d12	22.30	240	412845	20.00	ng	-0.01
86) Perylene-d12	26.00	264	397862	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	242917	72.56	ng	0.00
7) Phenol-d6	7.70	99	209669	42.66	ng	0.00
23) Nitrobenzene-d5	9.73	82	456373	116.14	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	362296	169.39	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1182263	101.83	ng	0.00
78) Terphenyl-d14	20.49	244	1598430	98.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.59	163	99004	7.68	ng	Qvalue 99

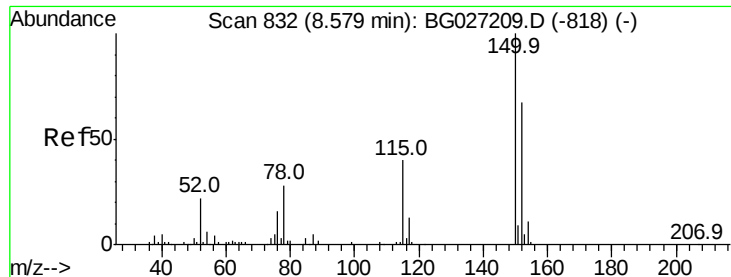
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027230.D

Acq: 6 Jun 2017 2:27

Instrument :

BNA_G

ClientSampleId :

S22-0026

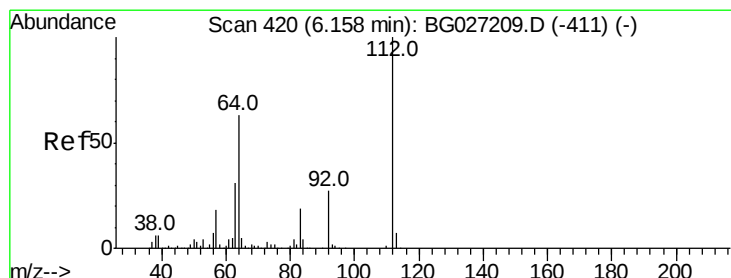
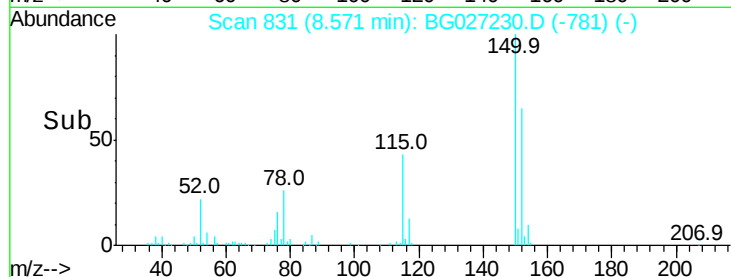
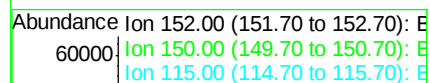
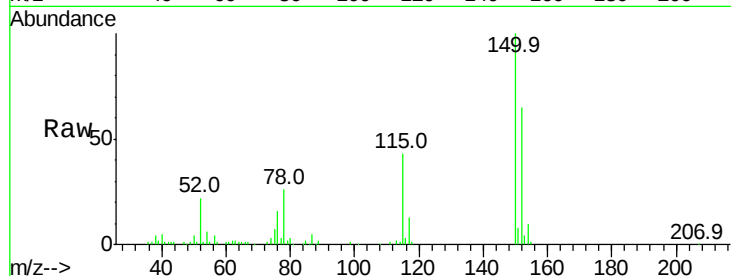
Tot Ion:152 Resp: 51088

Ion Ratio Lower Upper

152 100

150 153.8 114.0 171.0

115 65.7 48.1 72.1



#5

2-Fluorophenol

Concen: 72.56 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027230.D

Acq: 6 Jun 2017 2:27

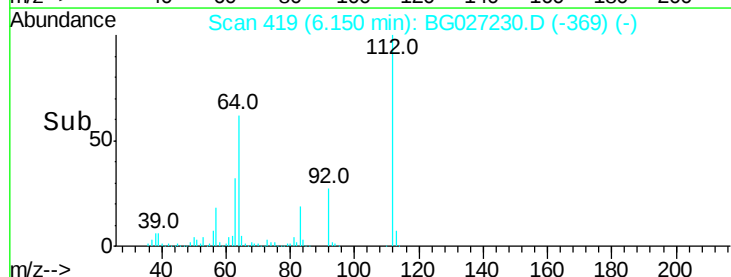
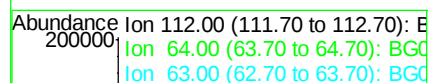
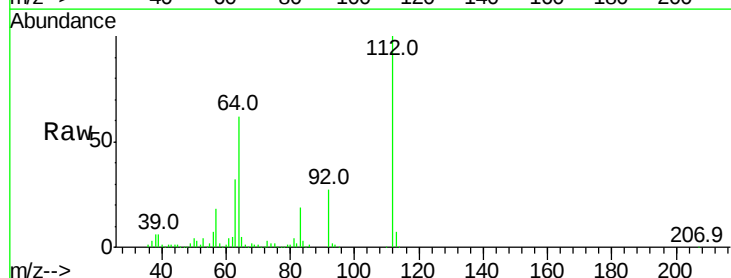
Tgt Ion:112 Resp: 242917

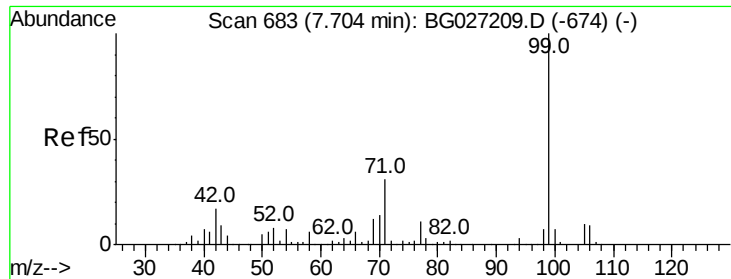
Ion Ratio Lower Upper

112 100

64 62.2 61.8 92.6

63 31.8 37.2 55.8#





#7

Phenol-d6

Concen: 42.66 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027230.D

Acq: 6 Jun 2017 2:27

Instrument :

BNA_G

ClientSampled :

S22-0026

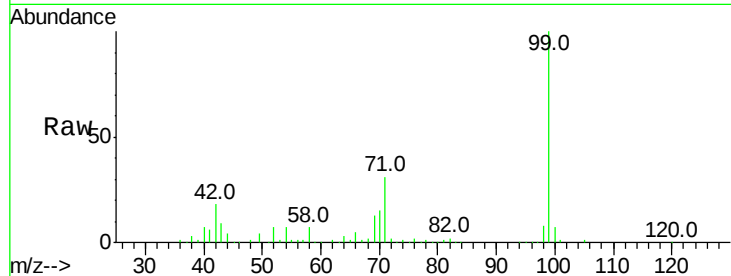
Tot Ion: 99 Resp: 209669

Ion Ratio Lower Upper

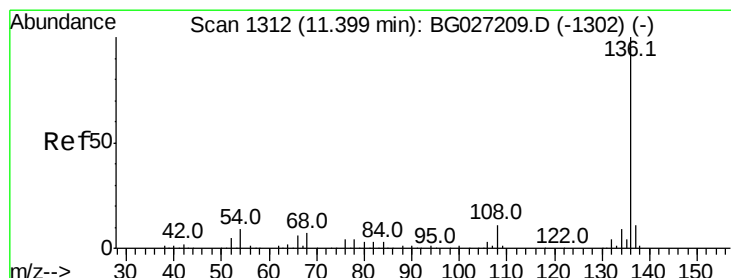
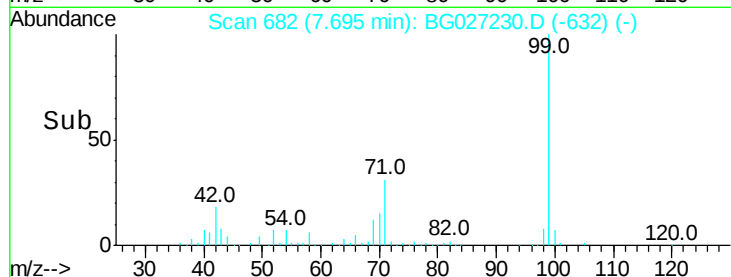
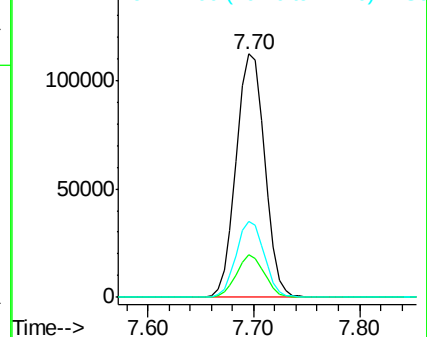
99 100

42 17.7 20.5 30.7#

71 31.1 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: 11.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG027230.D

Acq: 6 Jun 2017 2:27

Tgt Ion: 136 Resp: 247117

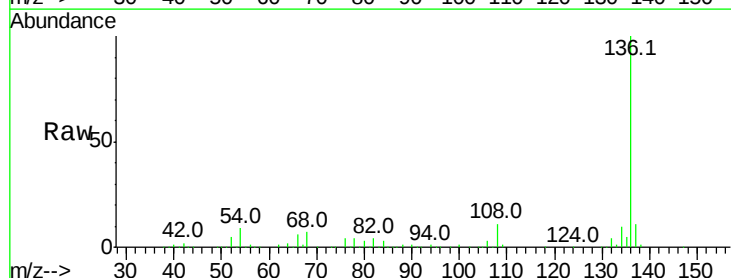
Ion Ratio Lower Upper

136 100

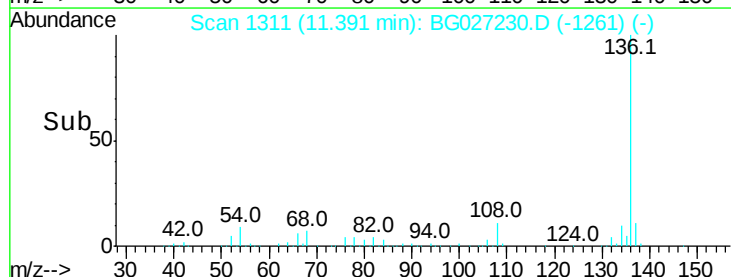
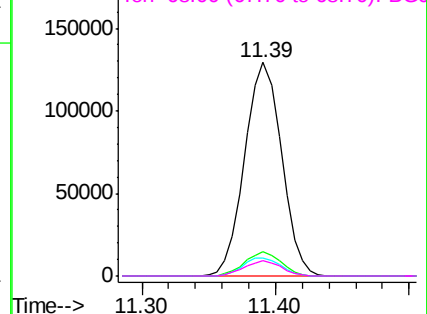
137 11.3 8.9 13.3

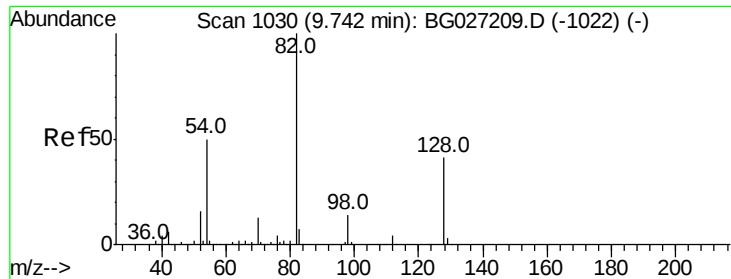
54 8.7 9.3 13.9#

68 7.3 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

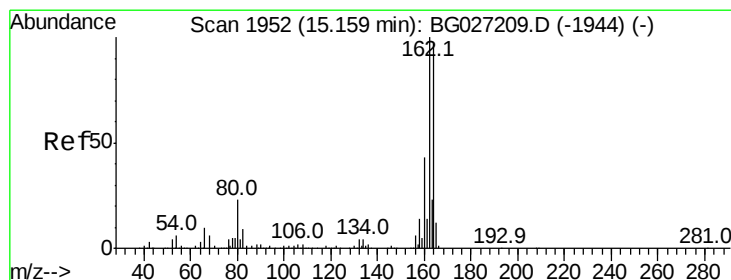
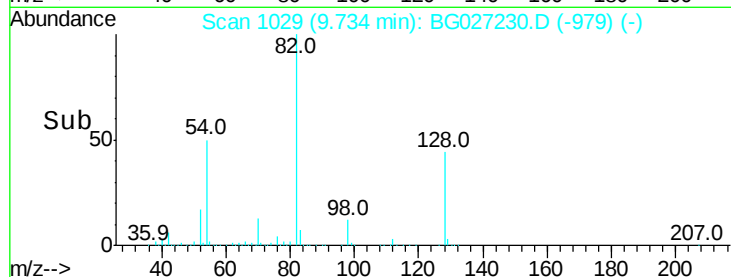
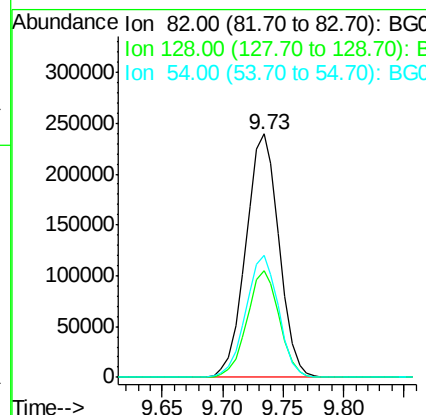
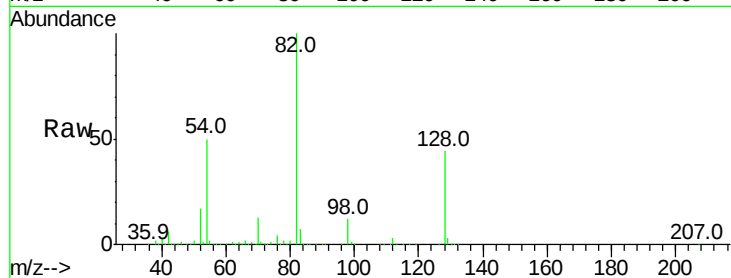




#23
Nitrobenzene-d5
Concen: 116.14 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027230.D
Acq: 6 Jun 2017 2:27

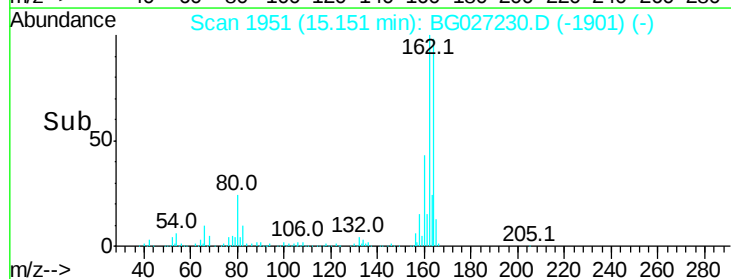
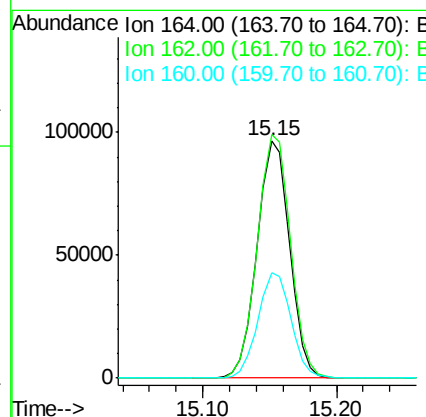
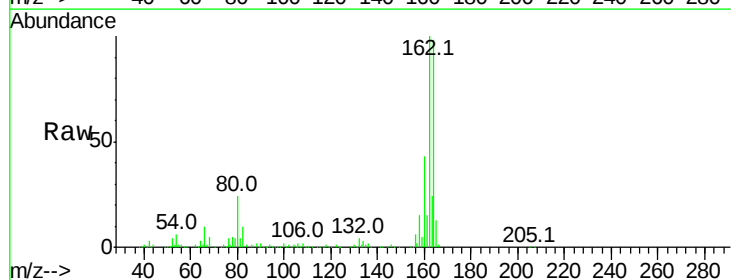
Instrument :
BNA_G
ClientSampleId :
S22-0026

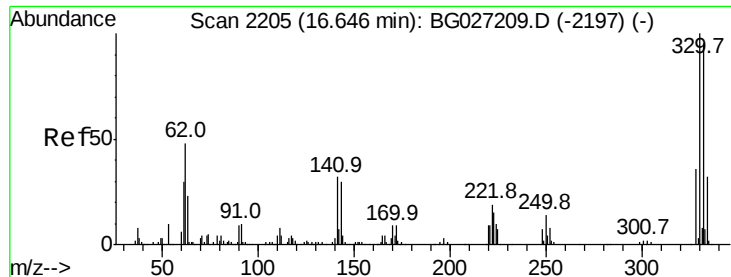
Tot Ion: 82 Resp: 456373
Ion Ratio Lower Upper
82 100
128 43.8 26.4 39.6#
54 50.1 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027230.D
Acq: 6 Jun 2017 2:27

Tgt Ion:164 Resp: 162427
Ion Ratio Lower Upper
164 100
162 102.4 85.1 127.7
160 44.4 34.7 52.1

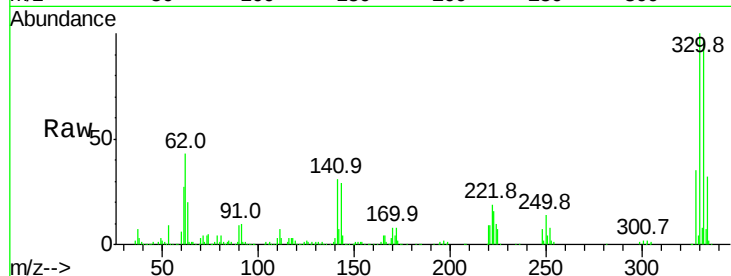




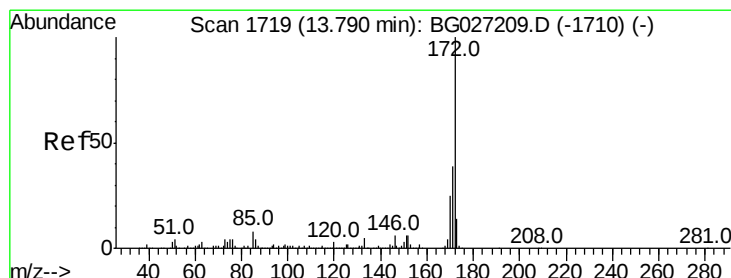
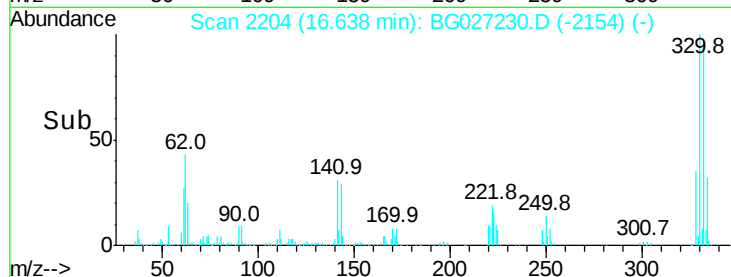
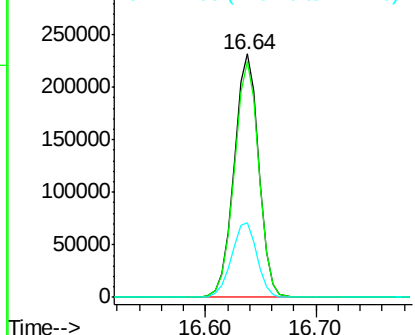
#41
2,4,6-Tribromophenol
Concen: 169.39 ng
RT: 16.64 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG027230.D
Acq: 6 Jun 2017 2:27

Instrument :
BNA_G
ClientSampleId :
S22-0026

Tot Ion:330 Resp: 362296
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.8 32.1 48.1#

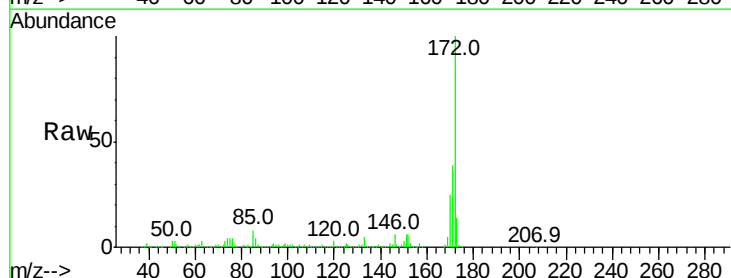


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

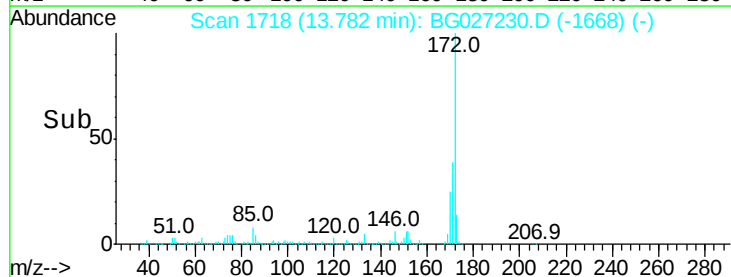
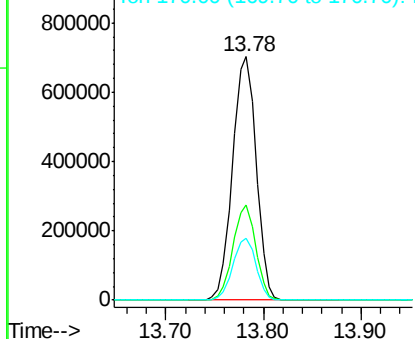


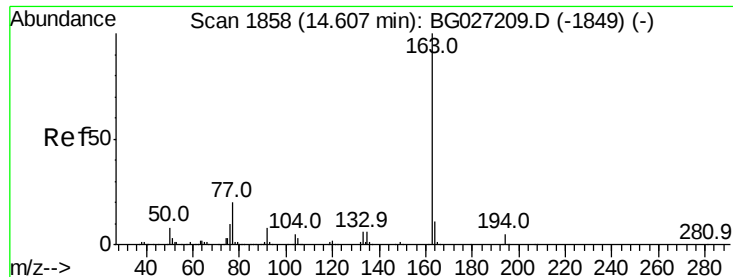
#44
2-Fluorobiphenyl
Concen: 101.83 ng
RT: 13.78 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG027230.D
Acq: 6 Jun 2017 2:27

Tgt Ion:172 Resp: 1182263
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 25.3 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





#49

Dimethylphthalate

Concen: 7.68 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027230.D

Acq: 6 Jun 2017 2:27

Instrument :

BNA_G

ClientSampleId :

S22-0026

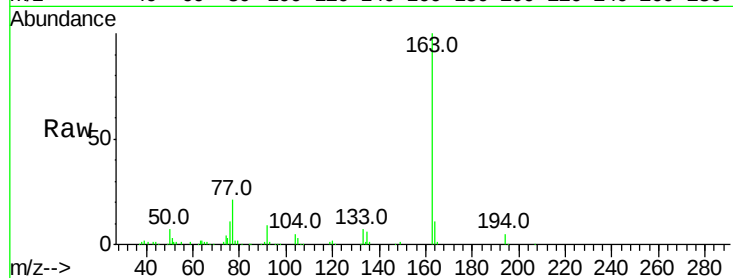
Tot Ion:163 Resp: 99004

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

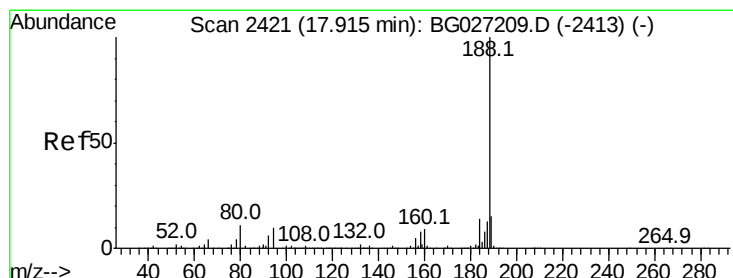
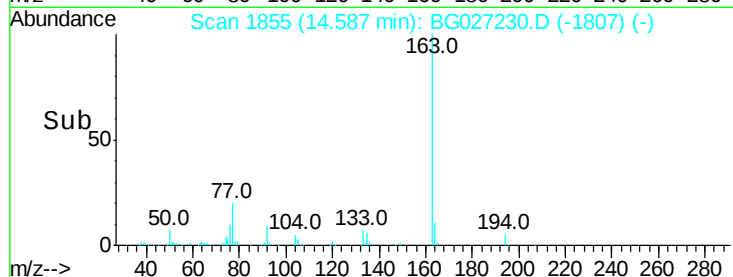
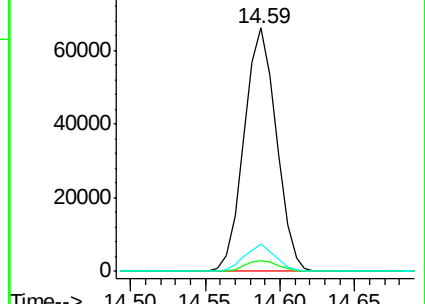
164 11.0 9.3 13.9



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: 17.91 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG027230.D

Acq: 6 Jun 2017 2:27

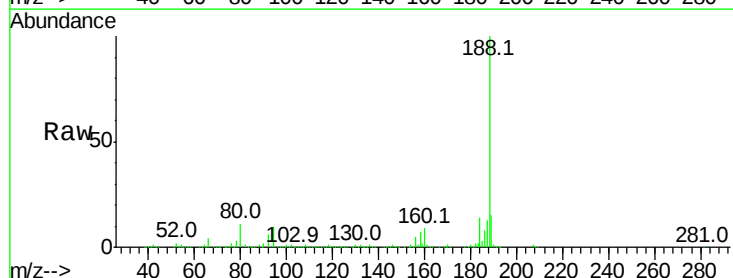
Tgt Ion:188 Resp: 373086

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

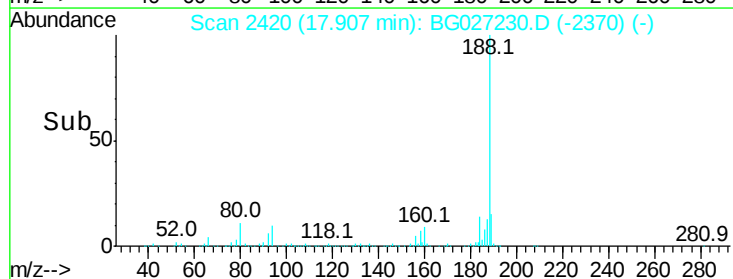
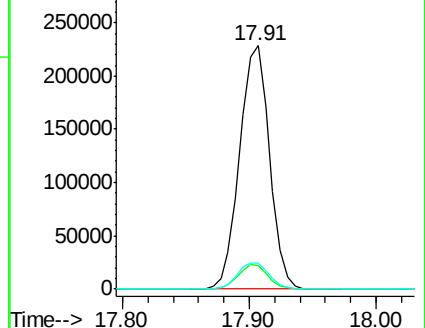
80 10.9 7.5 11.3

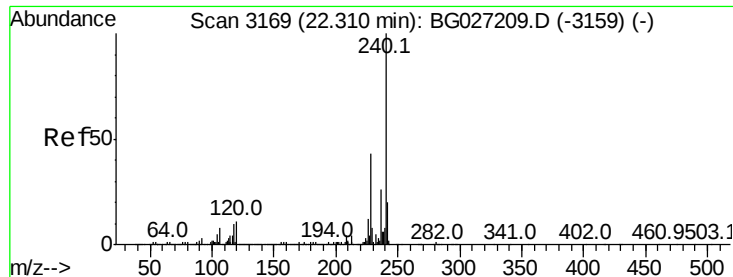


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG027230.D

Acq: 6 Jun 2017 2:27

Instrument :

BNA_G

ClientSampleId :

S22-0026

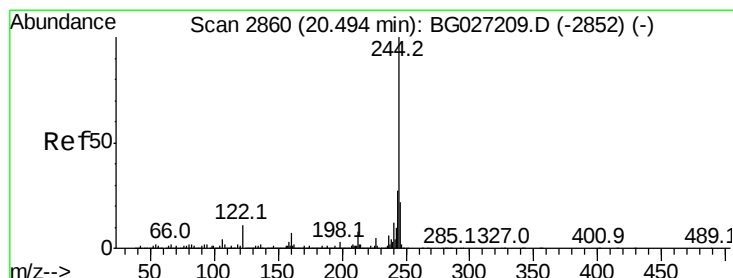
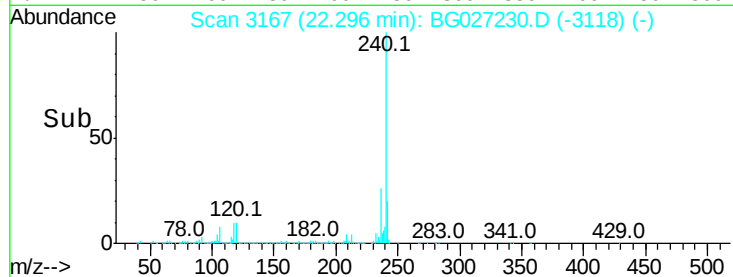
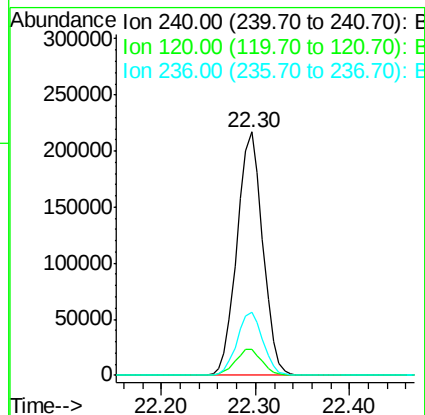
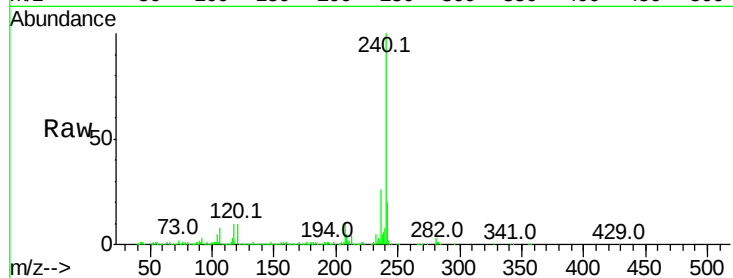
Tot Ion:240 Resp: 412845

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

236 26.0 22.2 33.4



#78

Terphenyl-d14

Concen: 98.77 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027230.D

Acq: 6 Jun 2017 2:27

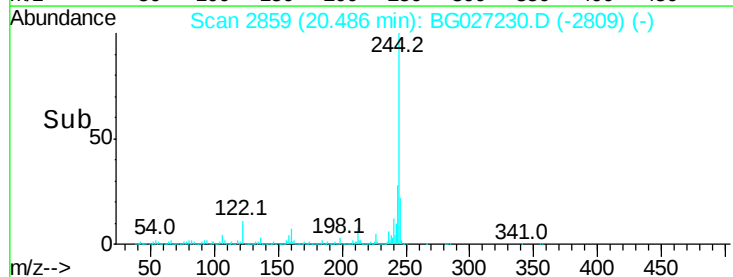
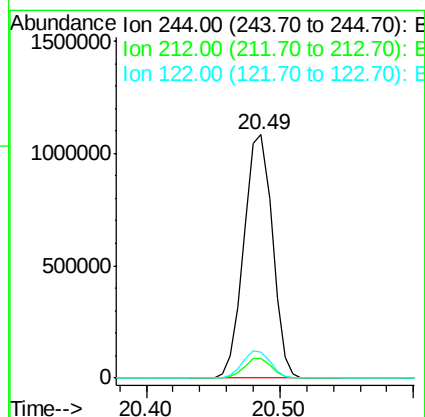
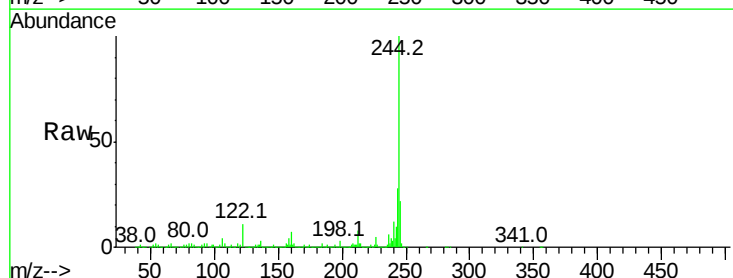
Tgt Ion:244 Resp: 1598430

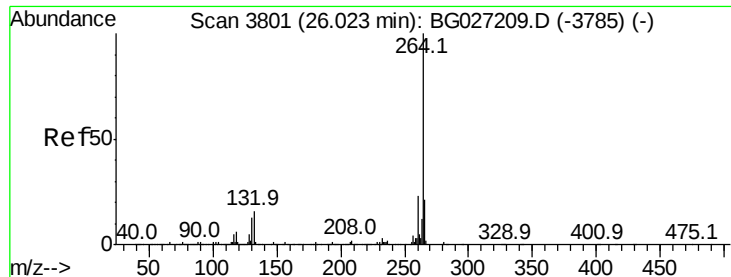
Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

122 10.8 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3797
Delta R.T. -0.03 min
Lab File: BG027230.D
Acq: 6 Jun 2017 2:27

Instrument :
BNA_G
ClientSampleId :
S22-0026

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.3	18.2	27.4

