

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027413.D
 Acq On : 14 Jun 2017 9:34
 Operator : SJ/MA
 Sample : I3632-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN-6

Quant Time: Jun 14 11:45:58 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

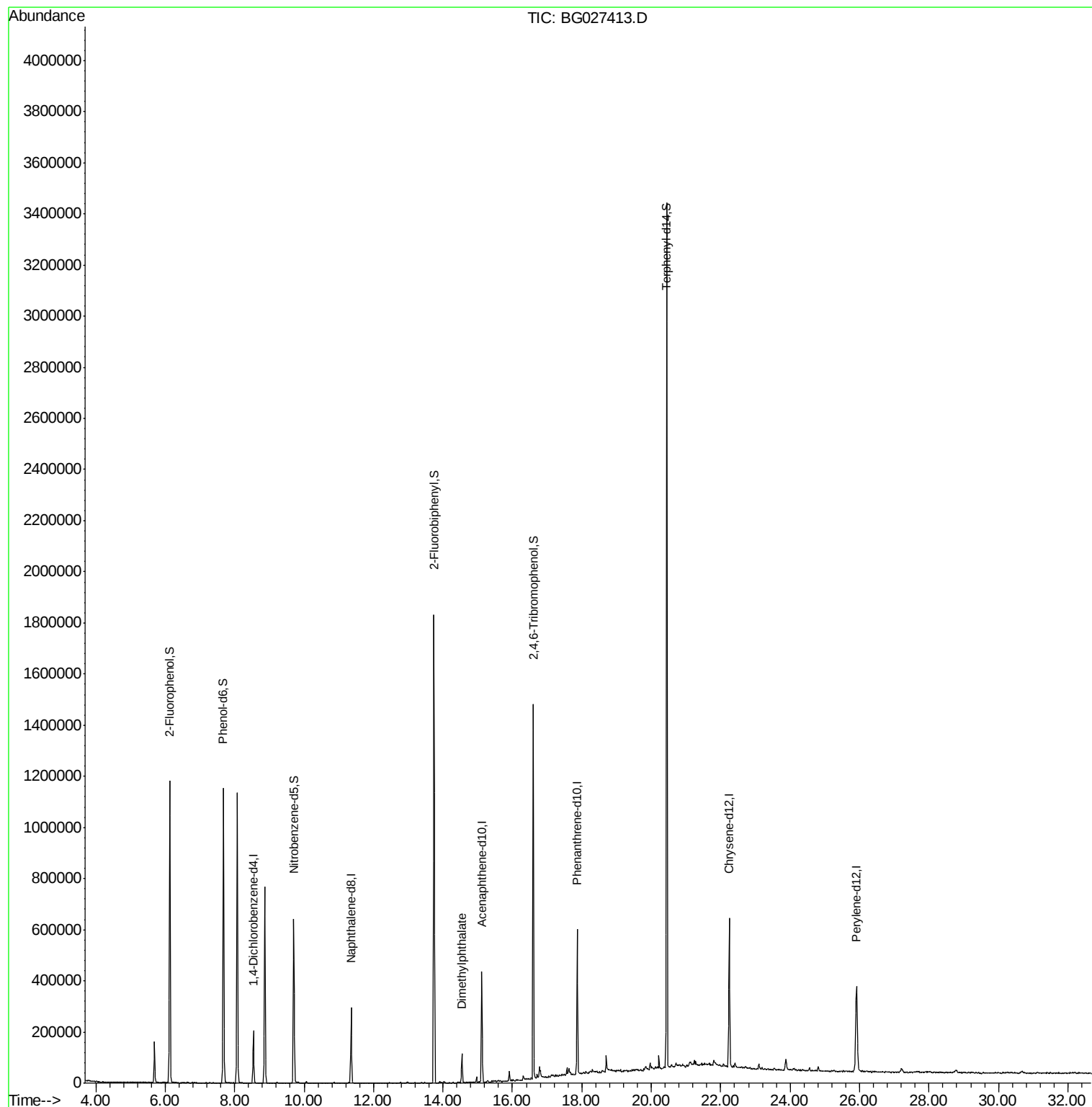
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	55384	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	253085	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	150092	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	351961	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	403052	20.00	ng	-0.06
86) Perylene-d12	25.91	264	389451	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	523651	144.28	ng	-0.03
7) Phenol-d6	7.68	99	738685	138.65	ng	-0.03
23) Nitrobenzene-d5	9.70	82	424880	105.58	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	287325	145.37	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	950463	88.59	ng	-0.05
78) Terphenyl-d14	20.44	244	1493521	94.53	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.55	163	76368	6.41	ng	Qvalue 97

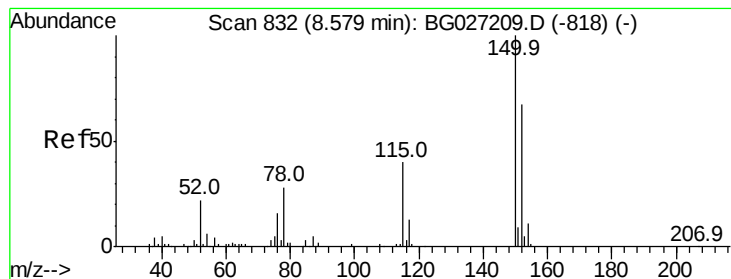
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

Instrument :

BNA_G

ClientSampleId :

BIN-6

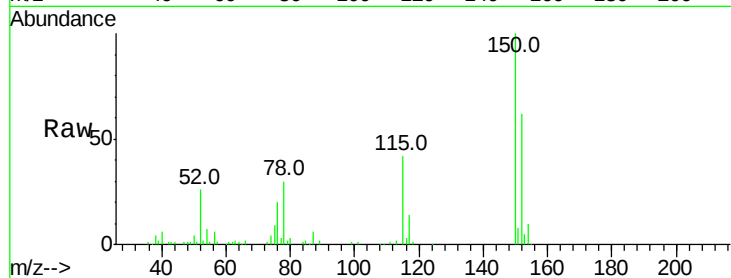
Tot Ion:152 Resp: 55384

Ion Ratio Lower Upper

152 100

150 162.5 114.0 171.0

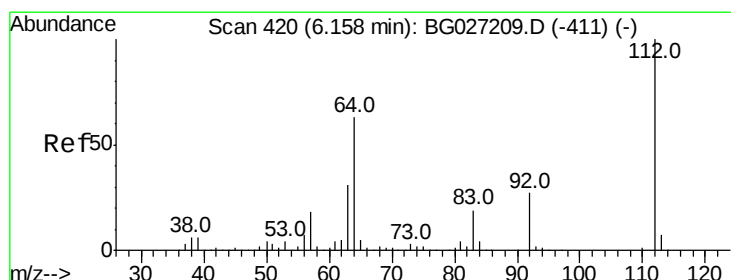
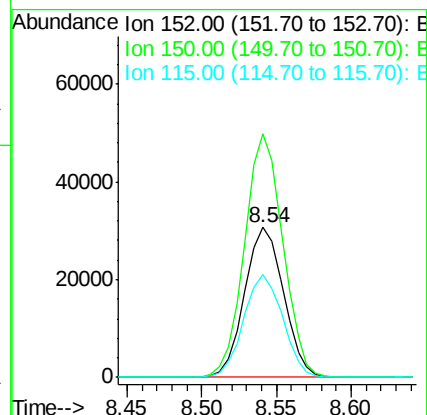
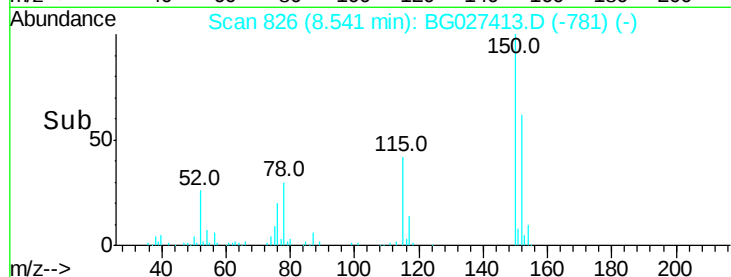
115 68.2 48.1 72.1



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: 144.28 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

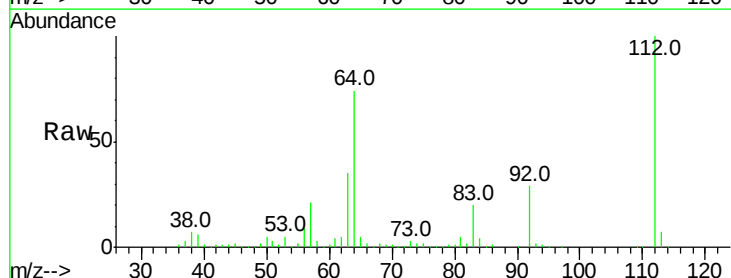
Tgt Ion:112 Resp: 523651

Ion Ratio Lower Upper

112 100

64 73.5 61.8 92.6

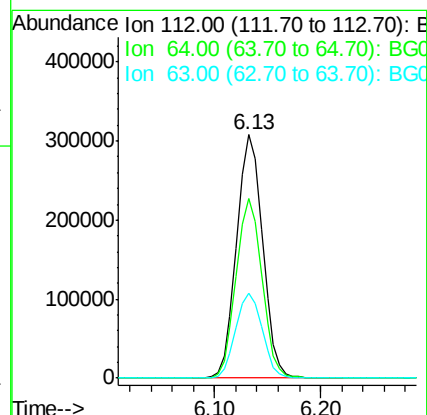
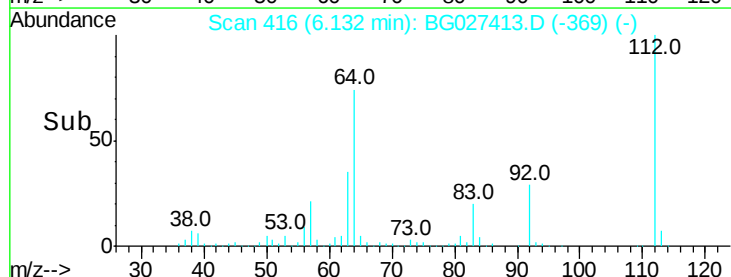
63 35.1 37.2 55.8#



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: 138.65 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

Instrument :

BNA_G

ClientSampled :

BIN-6

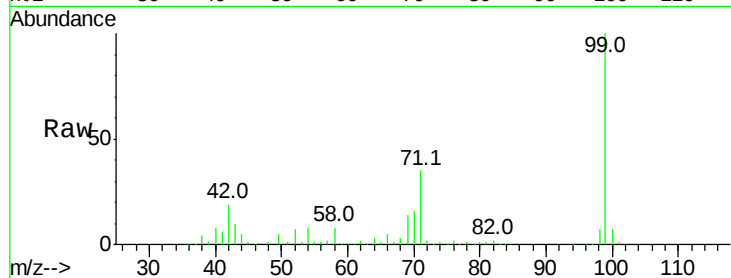
Tot Ion: 99 Resp: 738685

Ion Ratio Lower Upper

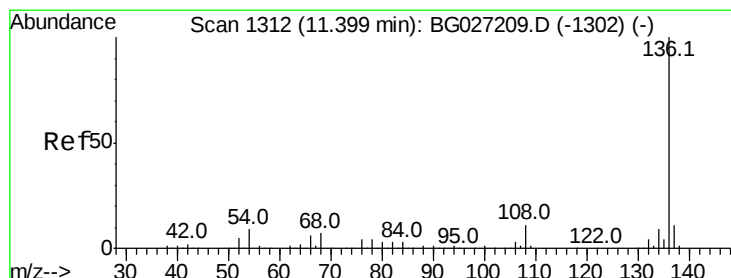
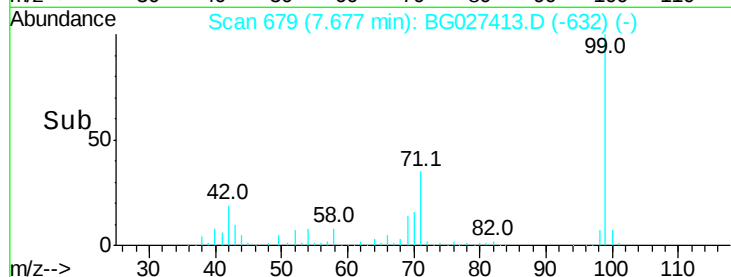
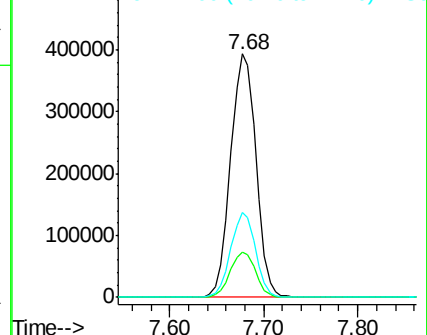
99 100

42 18.7 20.5 30.7#

71 34.8 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: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

Tgt Ion: 136 Resp: 253085

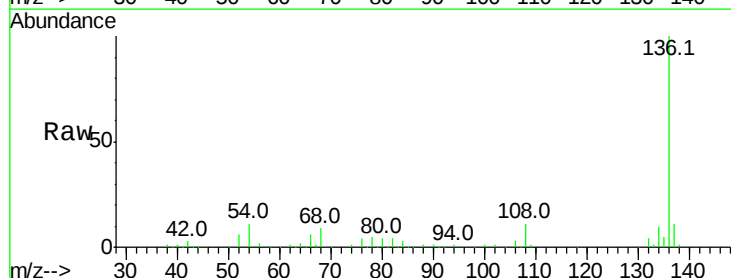
Ion Ratio Lower Upper

136 100

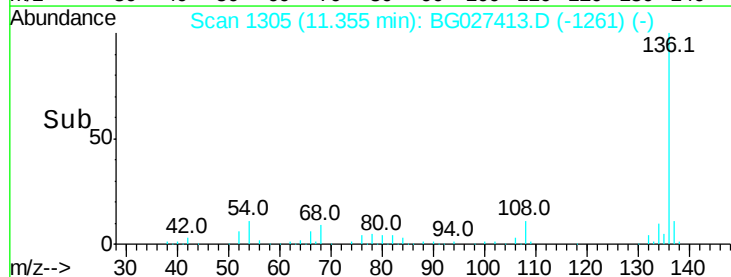
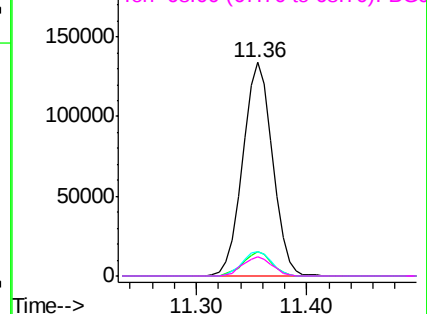
137 11.3 8.9 13.3

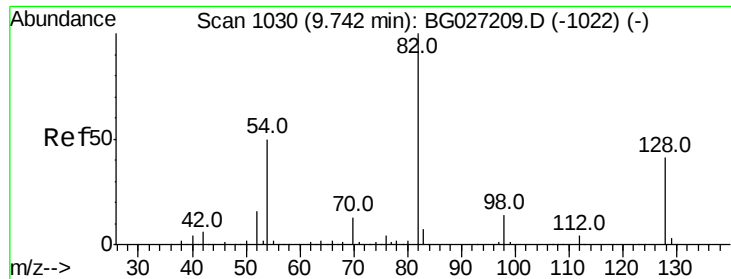
54 11.4 9.3 13.9

68 8.8 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

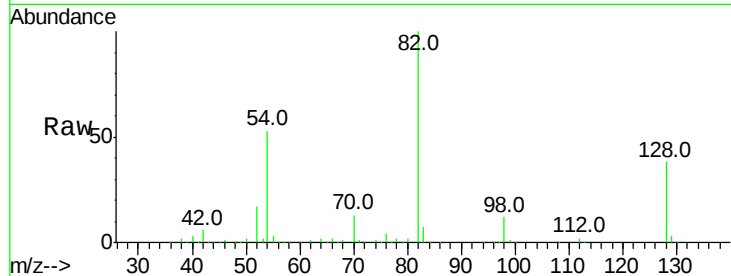




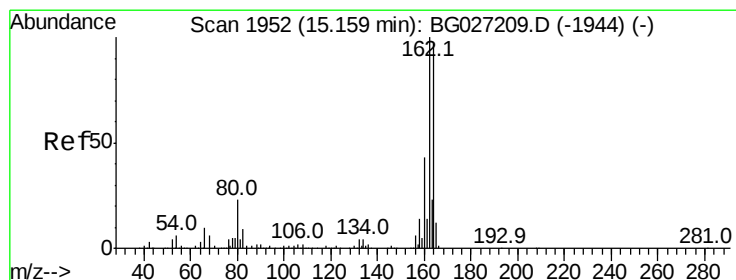
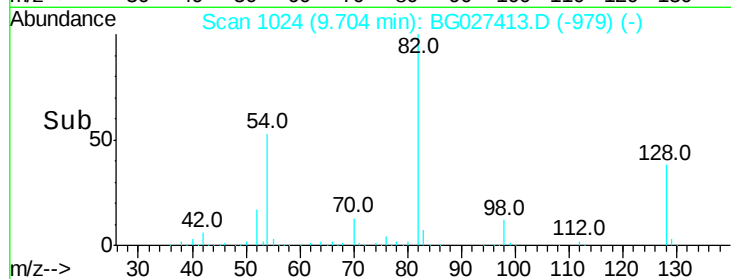
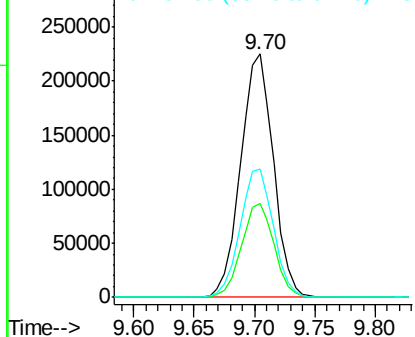
#23
Nitrobenzene-d5
Concen: 105.58 ng
RT: 9.70 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027413.D
Acq: 14 Jun 2017 9:34

Instrument :
BNA_G
ClientSampleId :
BIN-6

Tot Ion	82	Resp	424880
Ion Ratio	Lower	Upper	
82	100		
128	38.3	26.4	39.6
54	52.9	49.4	74.2

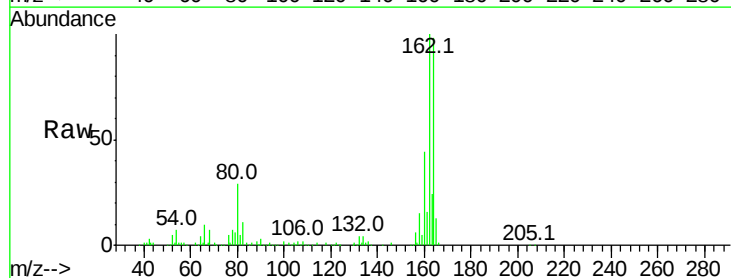


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

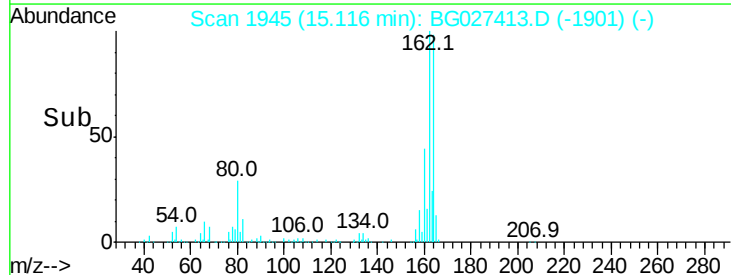
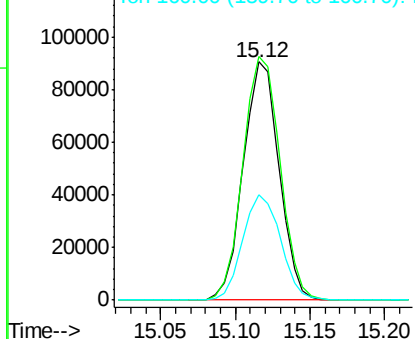


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG027413.D
Acq: 14 Jun 2017 9:34

Tgt Ion	164	Resp	150092
Ion Ratio	Lower	Upper	
164	100		
162	102.3	85.1	127.7
160	44.5	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

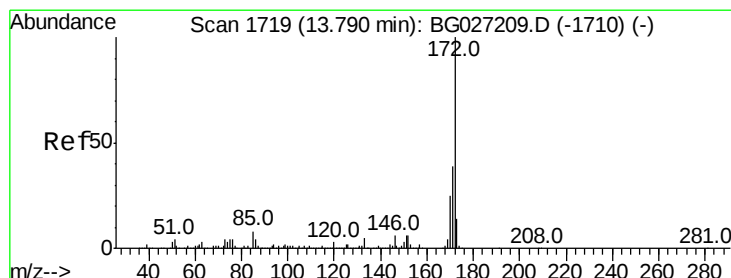
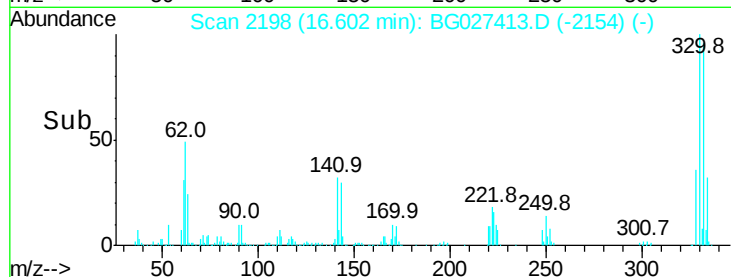
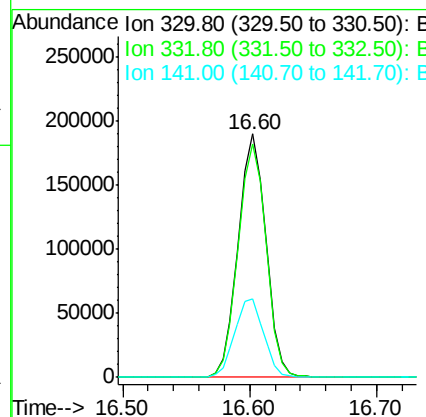
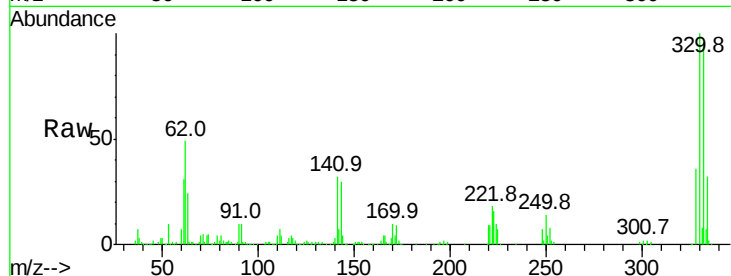




#41
 2,4,6-Tribromophenol
 Concen: 145.37 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027413.D
 Acq: 14 Jun 2017 9:34

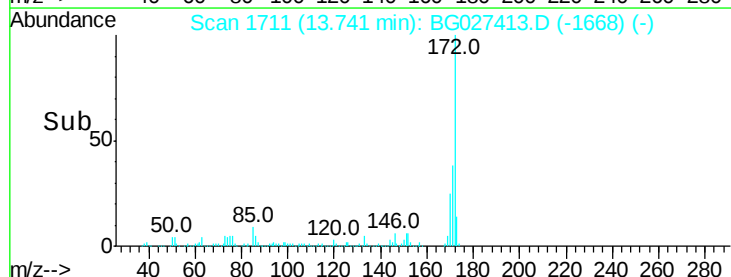
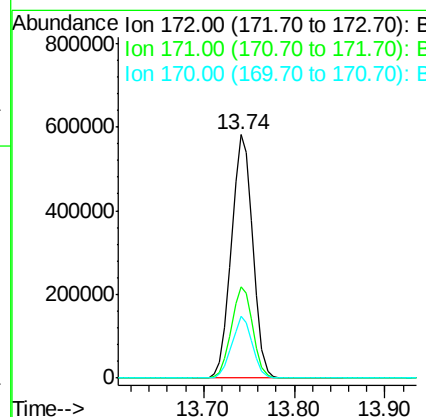
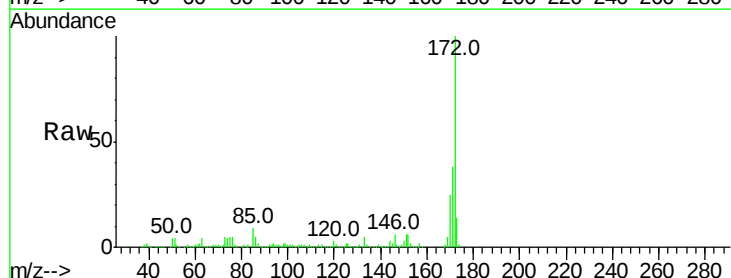
Instrument :
 BNA_G
 ClientSampled :
 BIN-6

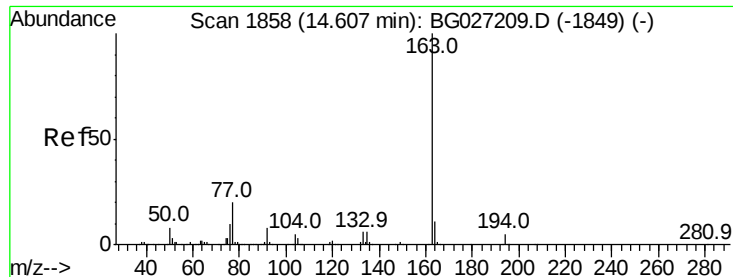
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	34.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 88.59 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027413.D
 Acq: 14 Jun 2017 9:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.2	21.8	32.6





#49

Dimethylphthalate

Concen: 6.41 ng

RT: 14.55 min Scan# 1848

Delta R.T. -0.06 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

Instrument :

BNA_G

ClientSampleId :

BIN-6

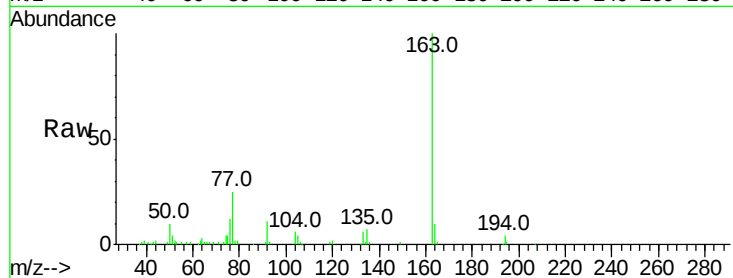
Tot Ion:163 Resp: 76368

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

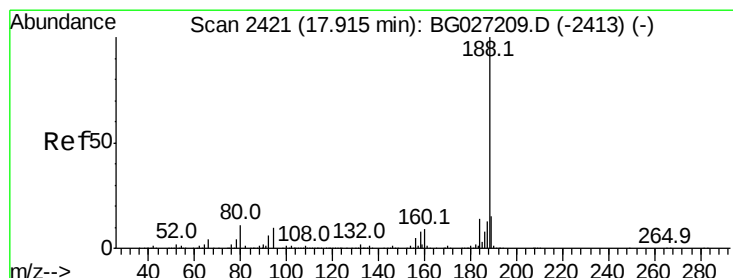
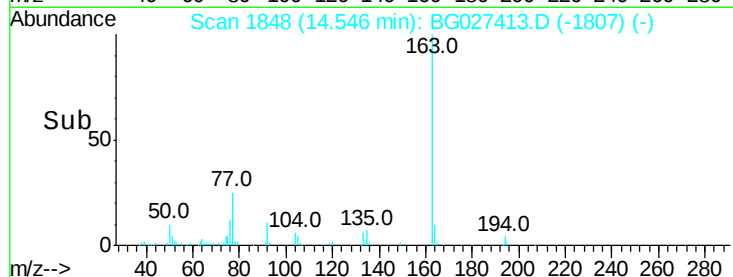
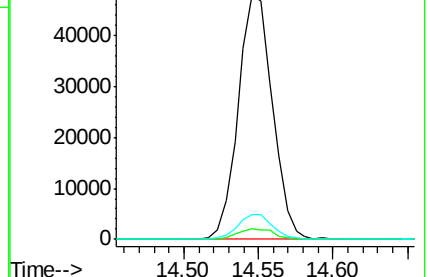
164 9.9 9.3 13.9



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: 17.87 min Scan# 2413

Delta R.T. -0.05 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

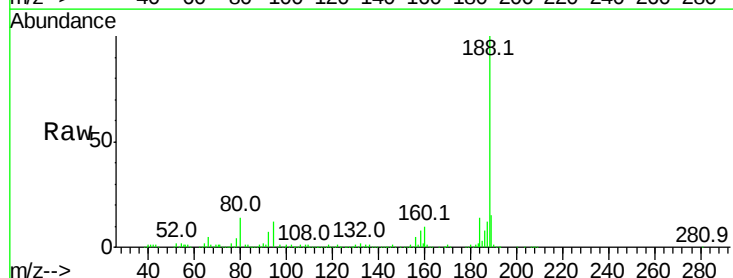
Tgt Ion:188 Resp: 351961

Ion Ratio Lower Upper

188 100

94 11.5 5.8 8.8#

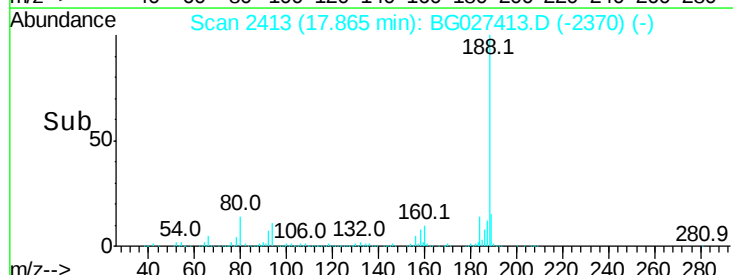
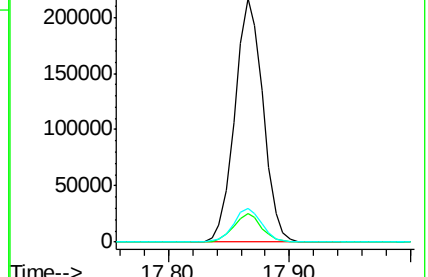
80 13.6 7.5 11.3#

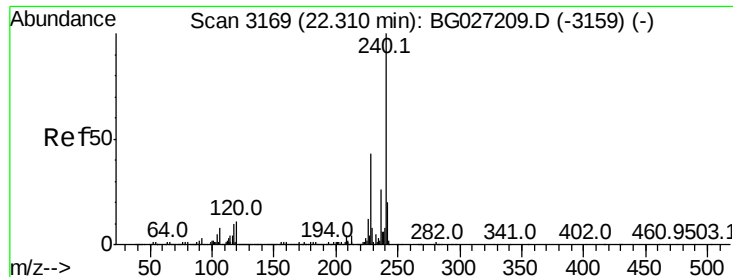


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

Instrument :

BNA_G

ClientSampleId :

BIN-6

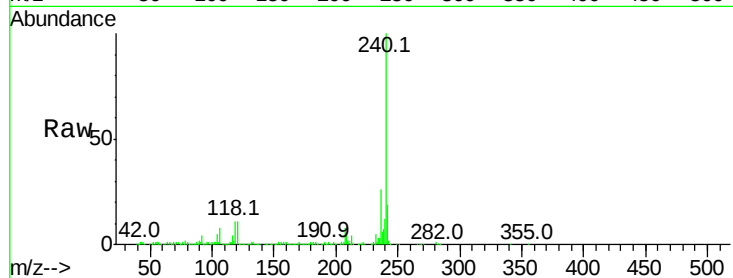
Tot Ion:240 Resp: 403052

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

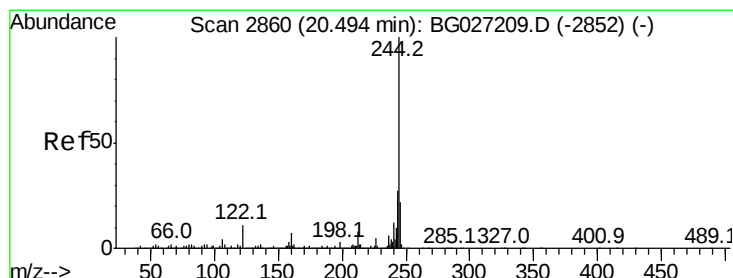
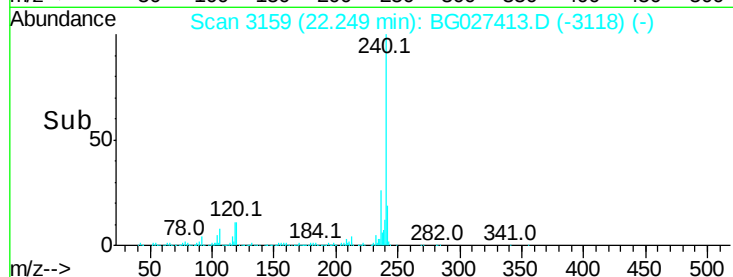
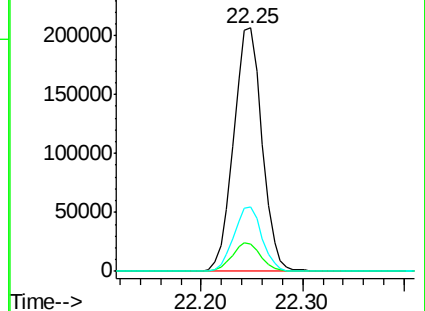
236 26.3 22.2 33.4



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: 94.53 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027413.D

Acq: 14 Jun 2017 9:34

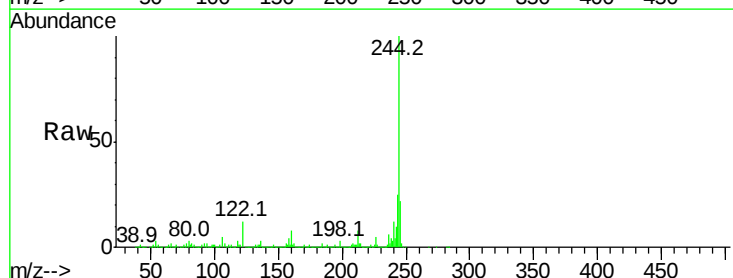
Tgt Ion:244 Resp: 1493521

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

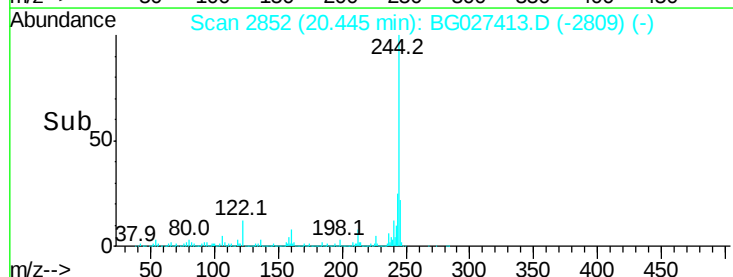
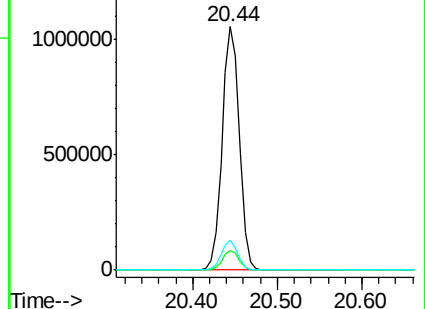
122 12.3 8.6 12.8

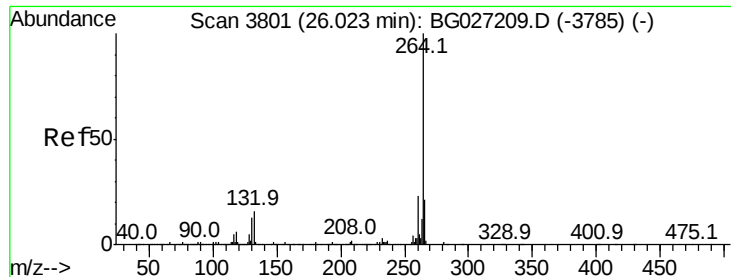


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.91 min Scan# 3783
Delta R.T. -0.11 min
Lab File: BG027413.D
Acq: 14 Jun 2017 9:34

Instrument :
BNA_G
ClientSampleId :
BIN-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.7	18.2	27.4

