

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032677.D
 Acq On : 14 Feb 2018 4:30
 Operator : SJ/JU
 Sample : J1397-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-B

Quant Time: Feb 14 06:37:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

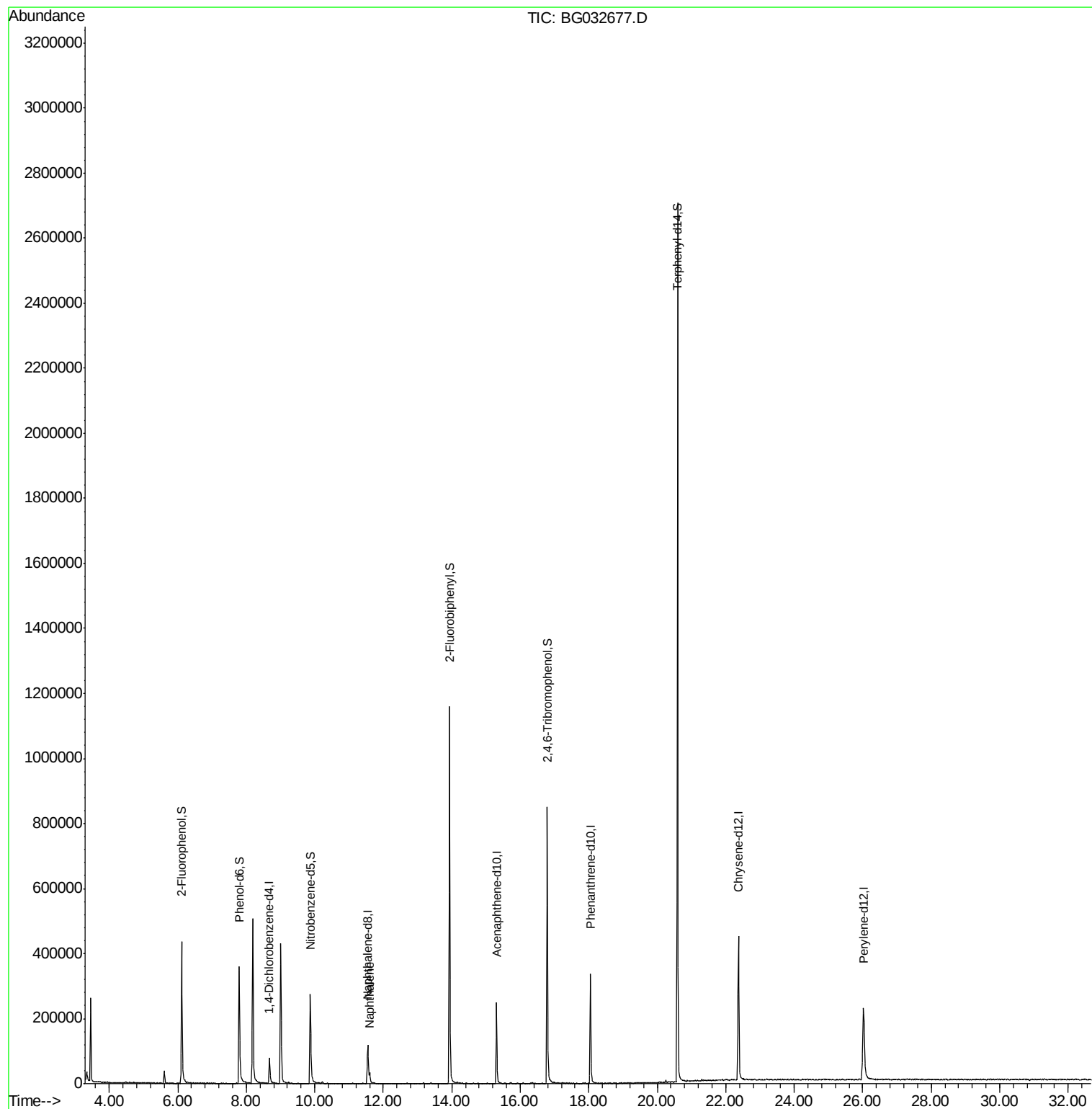
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	32758	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	133984	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	97874	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	272824	20.00	ng	0.00
75) Chrysene-d12	22.37	240	358989	20.00	ng	0.00
86) Perylene-d12	26.02	264	347095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	220215	134.88	ng	0.00
7) Phenol-d6	7.79	99	246896	110.59	ng	0.00
23) Nitrobenzene-d5	9.87	82	201594	95.63	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	195599	129.79	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	701617	89.65	ng	0.00
78) Terphenyl-d14	20.59	244	1495644	94.96	ng	0.00
Target Compounds						
31) Naphthalene	11.60	128	30146	4.634	ng	Qvalue 95

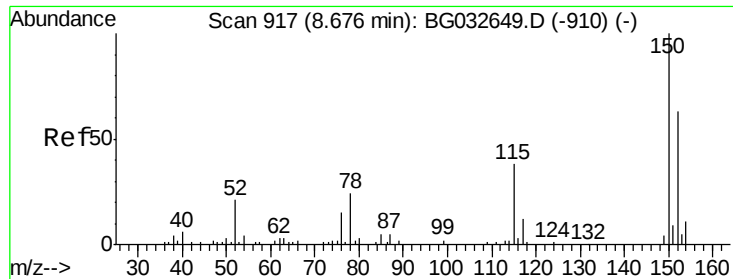
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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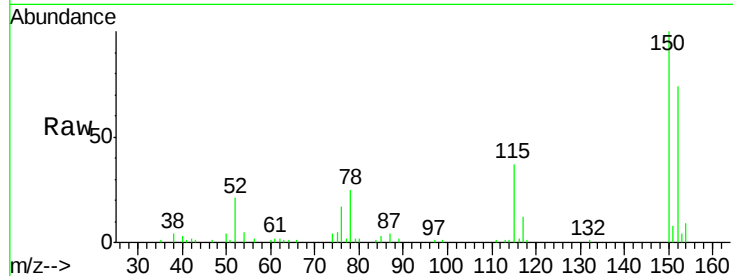


#1

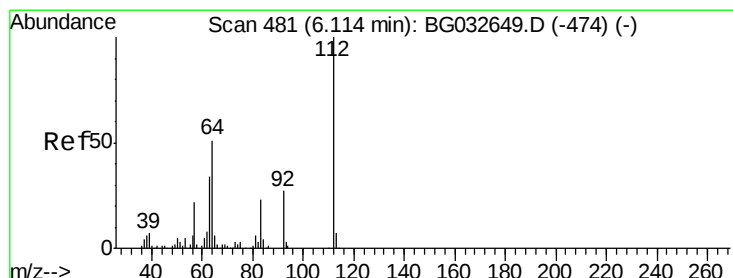
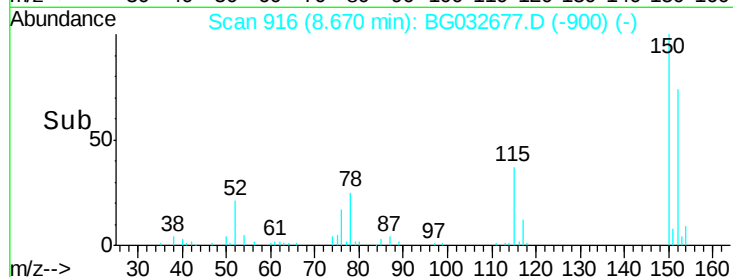
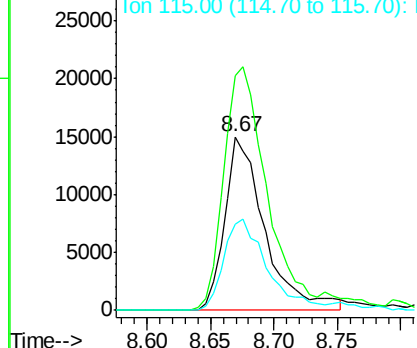
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032677.D
Acq: 14 Feb 2018 4:30

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-B

Tot Ion:152 Resp: 32758
Ion Ratio Lower Upper
152 100
150 135.4 126.6 189.8
115 50.0 53.0 79.4#



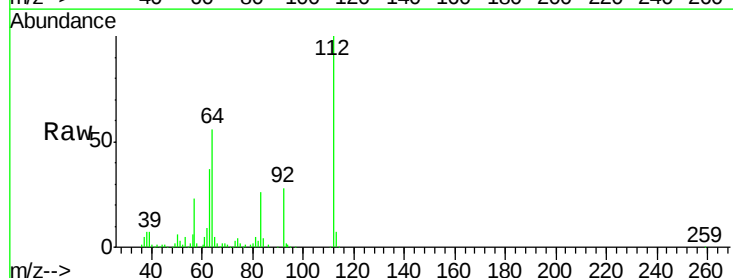
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



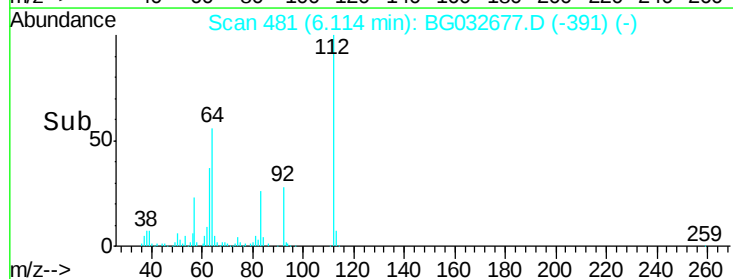
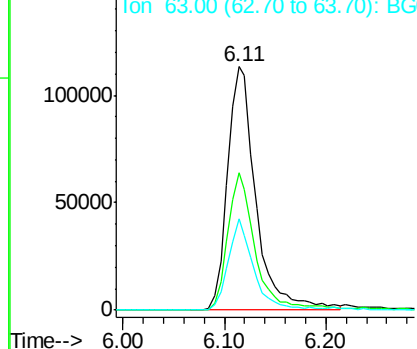
#5

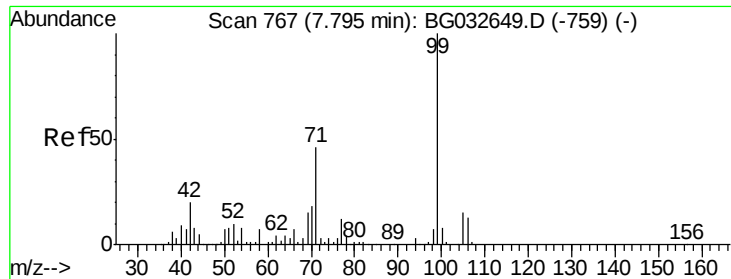
2-Fluorophenol
Concen: 134.876 ng
RT: 6.11 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG032677.D
Acq: 14 Feb 2018 4:30

Tgt Ion:112 Resp: 220215
Ion Ratio Lower Upper
112 100
64 56.3 56.3 84.5#
63 37.3 30.1 45.1



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: 110.589 ng

RT: 7.79 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG032677.D

Acq: 14 Feb 2018 4:30

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-B

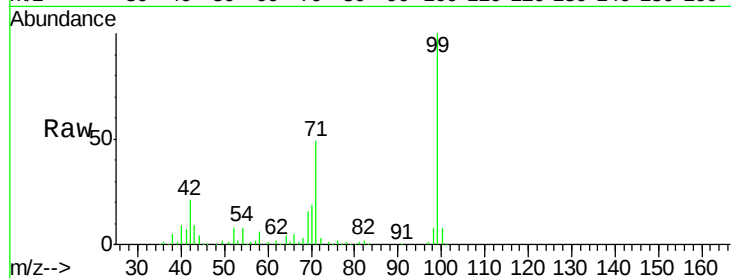
Tot Ion: 99 Resp: 246896

Ion Ratio Lower Upper

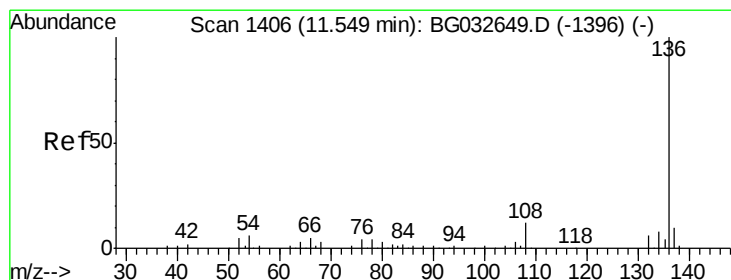
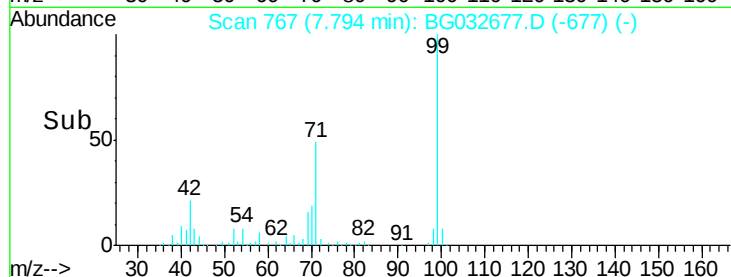
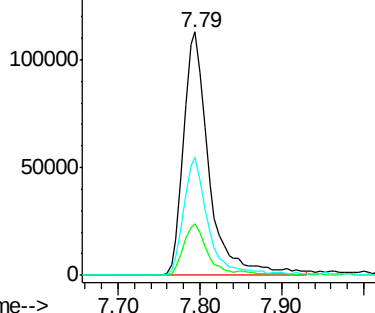
99 100

42 21.4 14.1 21.1#

71 48.6 26.1 39.1#



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: 20.000 ng

RT: 11.55 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG032677.D

Acq: 14 Feb 2018 4:30

Tgt Ion: 136 Resp: 133984

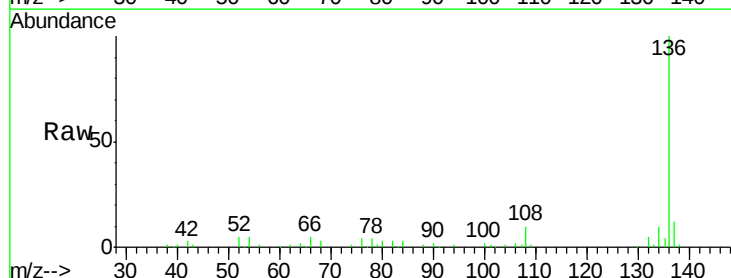
Ion Ratio Lower Upper

136 100

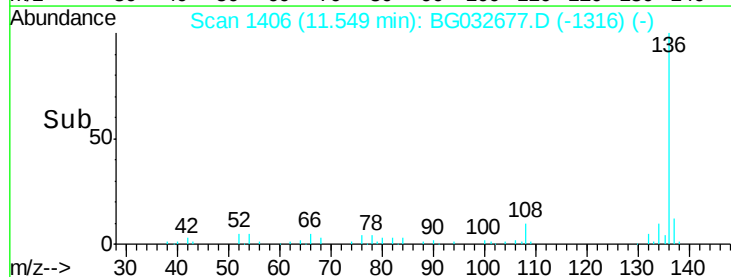
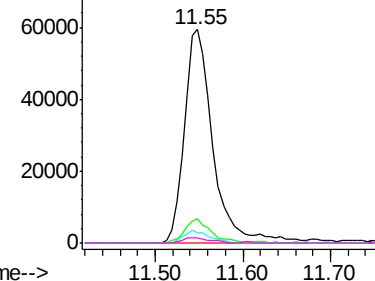
137 11.5 9.2 13.8

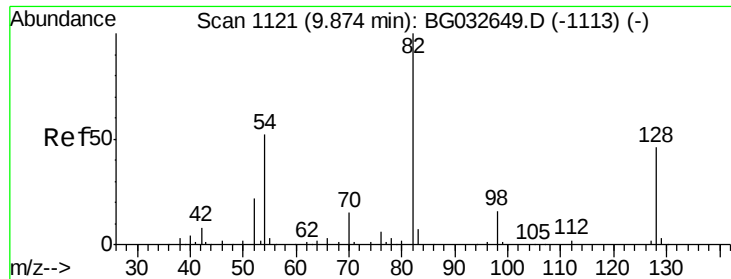
54 5.0 10.3 15.5#

68 2.7 4.5 6.7#



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

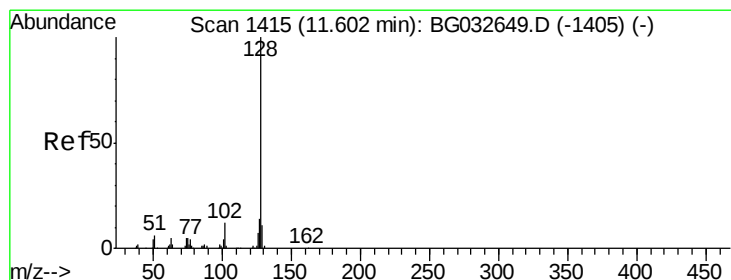
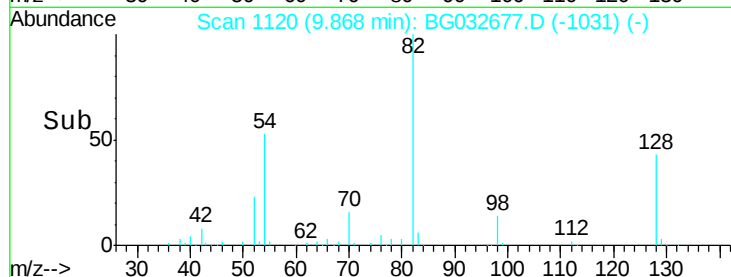
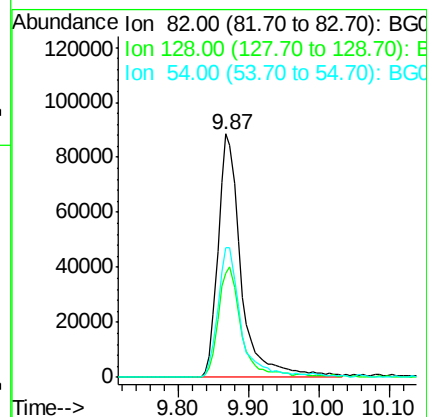
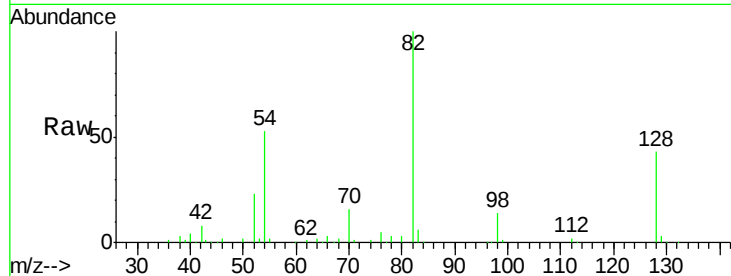




#23
 Nitrobenzene-d5
 Concen: 95.626 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BG032677.D
 Acq: 14 Feb 2018 4:30

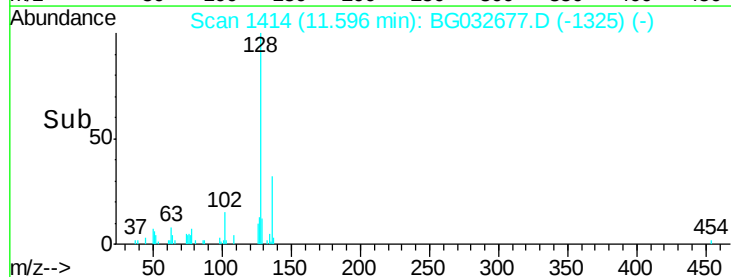
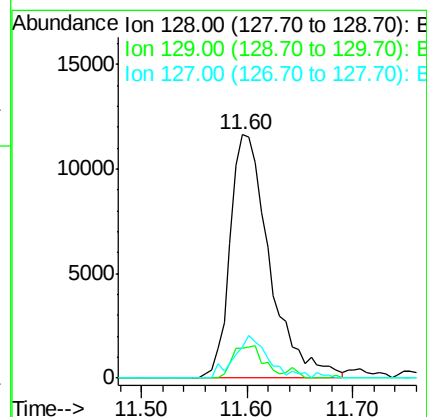
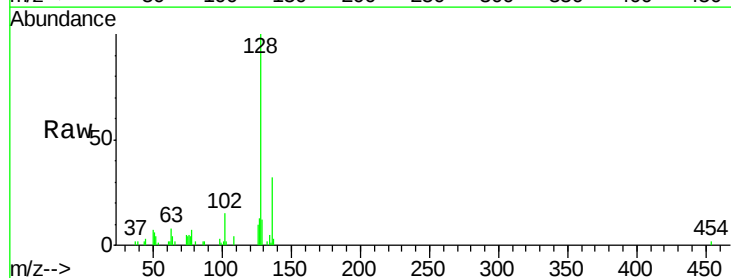
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-B

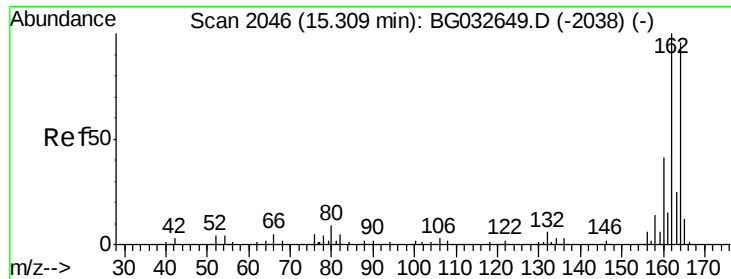
Tot Ion	82	Resp	201594
Ion Ratio	Lower	Upper	
82	100		
128	43.0	29.7	44.5
54	53.1	43.1	64.7



#31
 Naphthalene
 Concen: 4.634 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BG032677.D
 Acq: 14 Feb 2018 4:30

Tgt Ion	128	Resp	30146
Ion Ratio	Lower	Upper	
128	100		
129	12.4	8.6	12.8
127	12.5	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG032677.D

Acq: 14 Feb 2018 4:30

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-B

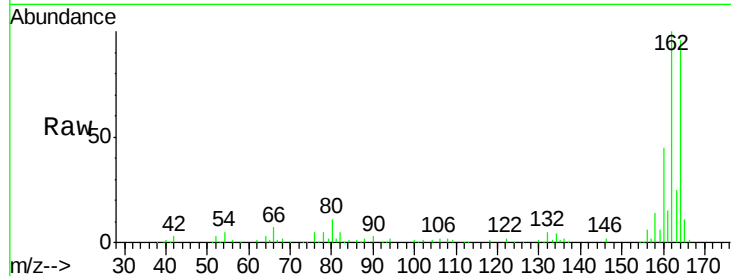
Tot Ion:164 Resp: 97874

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

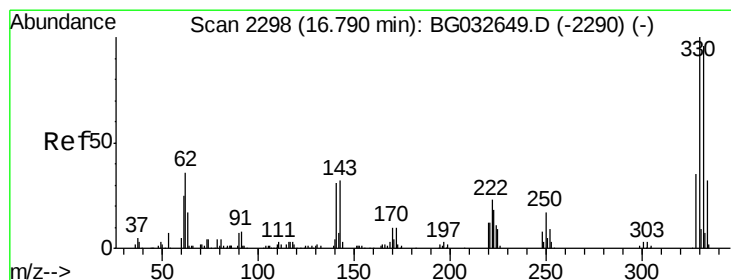
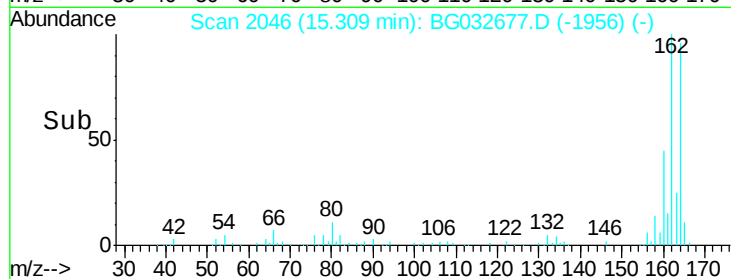
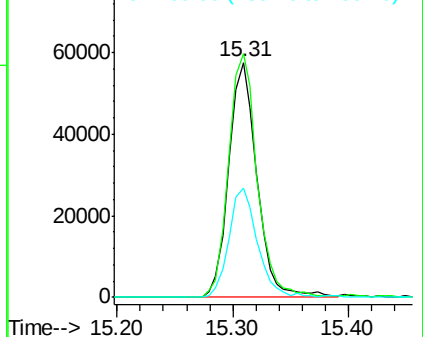
160 46.3 35.4 53.0



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: 129.789 ng

RT: 16.79 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BG032677.D

Acq: 14 Feb 2018 4:30

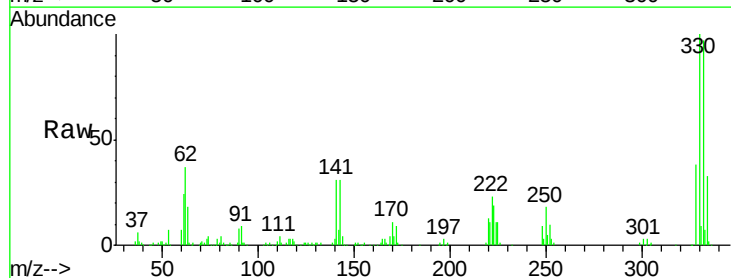
Tgt Ion:330 Resp: 195599

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

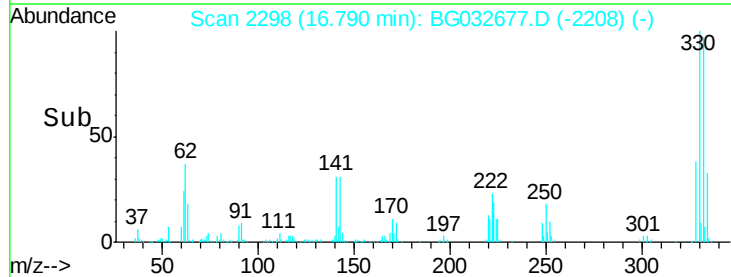
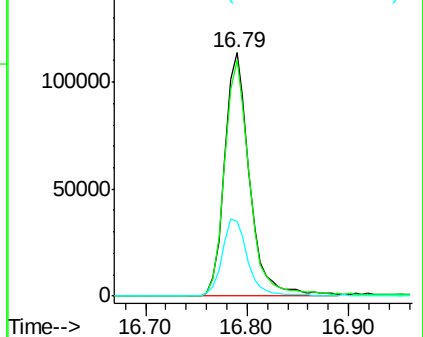
141 32.4 25.2 37.8

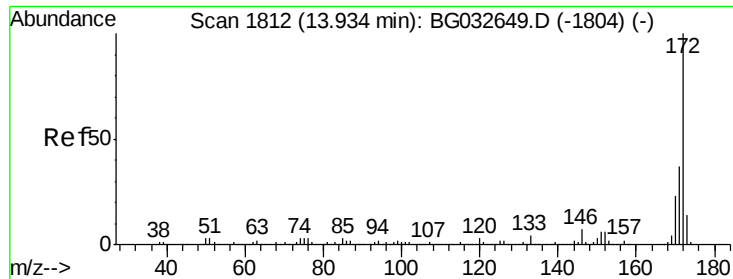


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

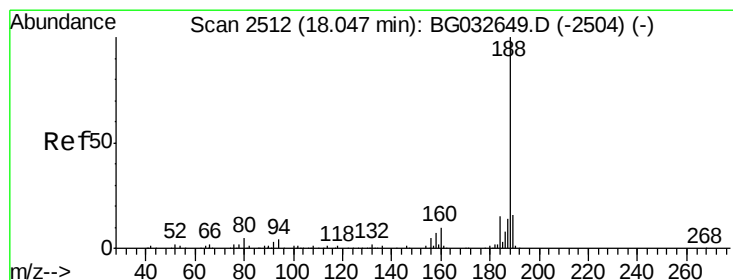
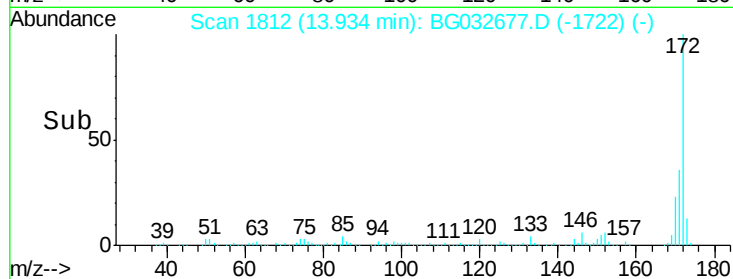
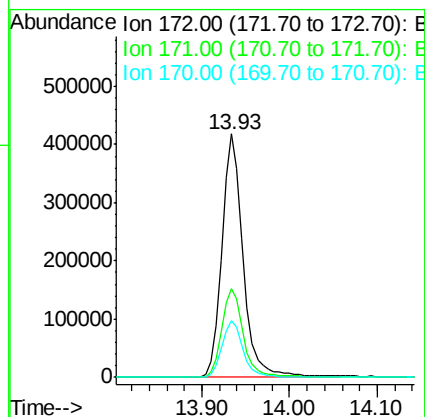
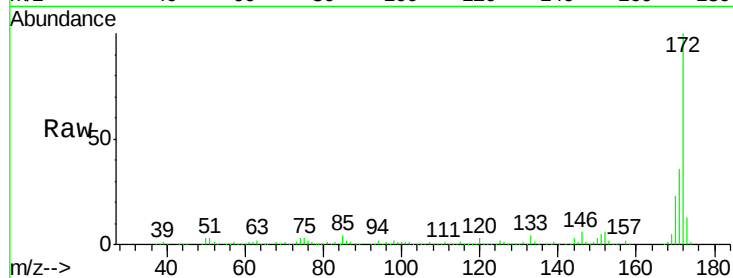




#44
 2-Fluorobiphenyl
 Concen: 89.645 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG032677.D
 Acq: 14 Feb 2018 4:30

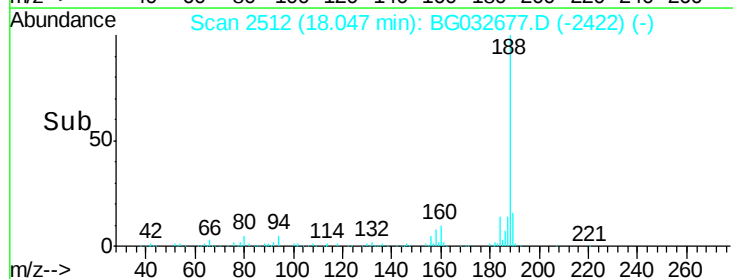
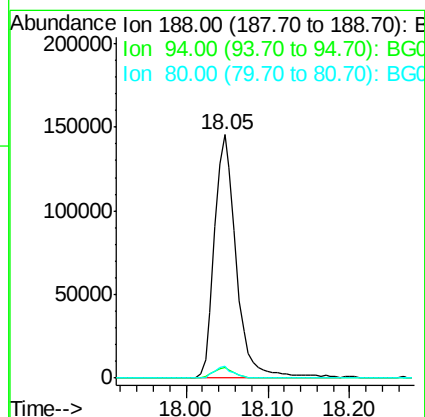
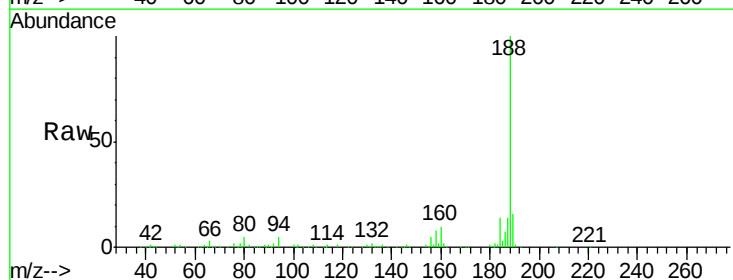
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-B

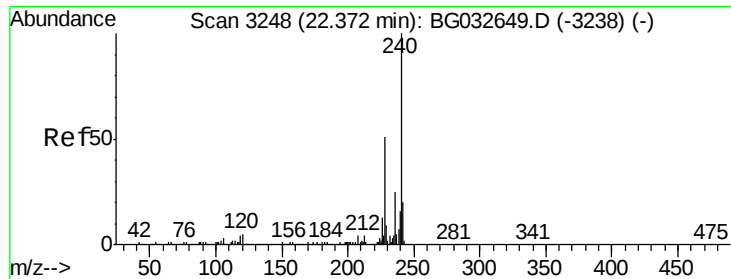
Tot Ion:172 Resp: 701617
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 23.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.05 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG032677.D
 Acq: 14 Feb 2018 4:30

Tgt Ion:188 Resp: 272824
 Ion Ratio Lower Upper
 188 100
 94 4.5 6.9 10.3#
 80 4.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.37 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG032677.D

Acq: 14 Feb 2018 4:30

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-B

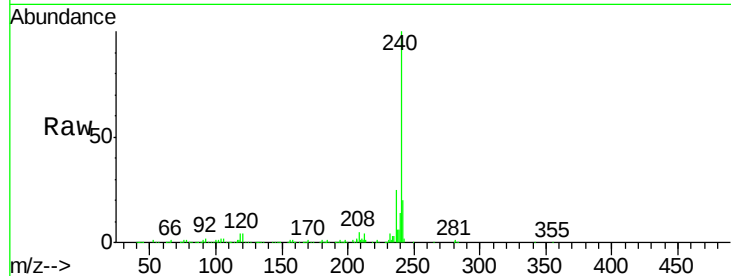
Tot Ion:240 Resp: 358989

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

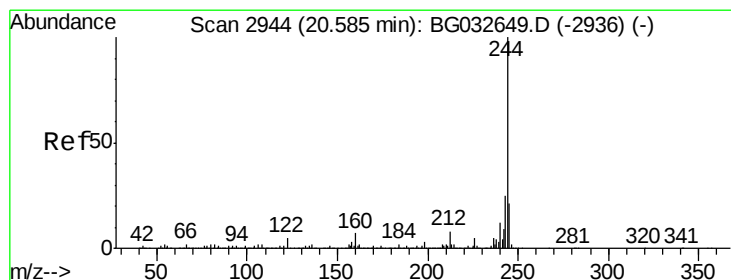
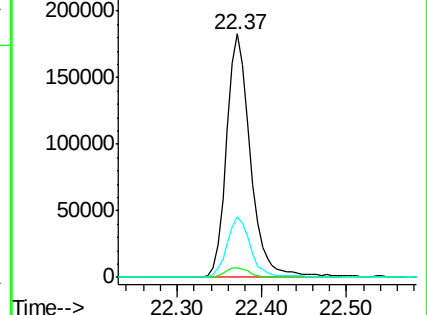
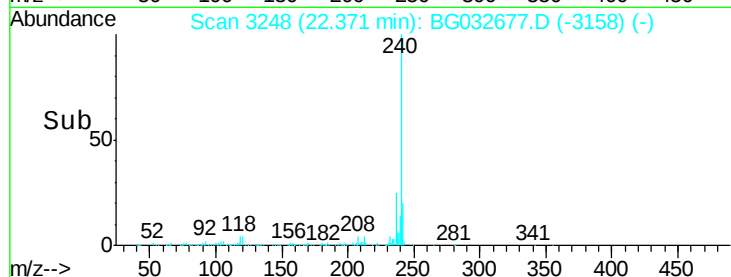
236 24.9 20.9 31.3



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: 94.958 ng

RT: 20.59 min Scan# 2945

Delta R.T. 0.01 min

Lab File: BG032677.D

Acq: 14 Feb 2018 4:30

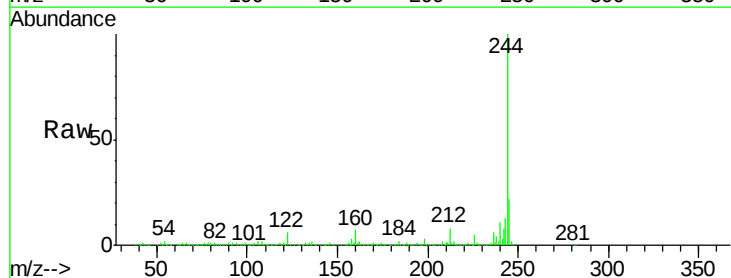
Tgt Ion:244 Resp: 1495644

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

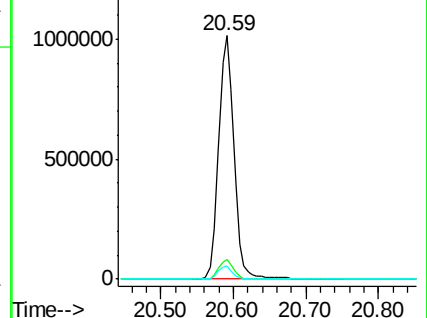
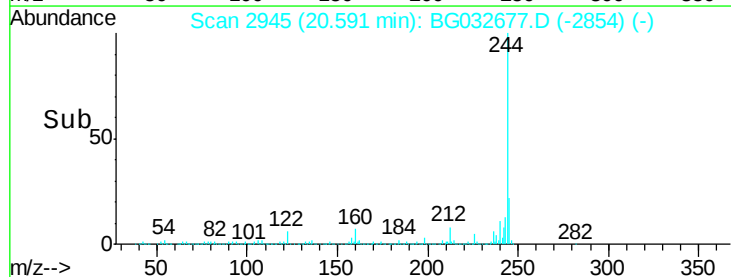
122 5.6 7.0 10.4#

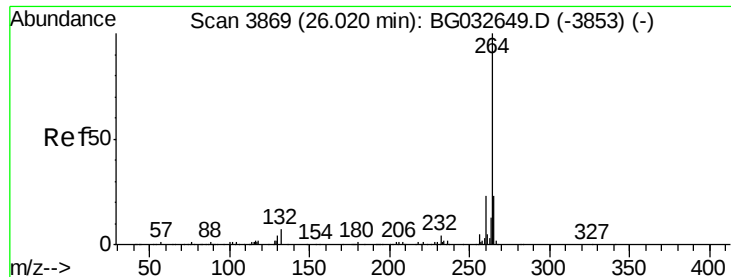


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.02 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BG032677.D
Acq: 14 Feb 2018 4:30

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-B

Tot Ion	Ion	Ratio	Lower	Upper
347095	264	100		
	260	23.6	17.4	26.0
	265	22.7	17.7	26.5

