

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032678.D
 Acq On : 14 Feb 2018 5:07
 Operator : SJ/JU
 Sample : J1397-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Feb 14 06:38:40 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

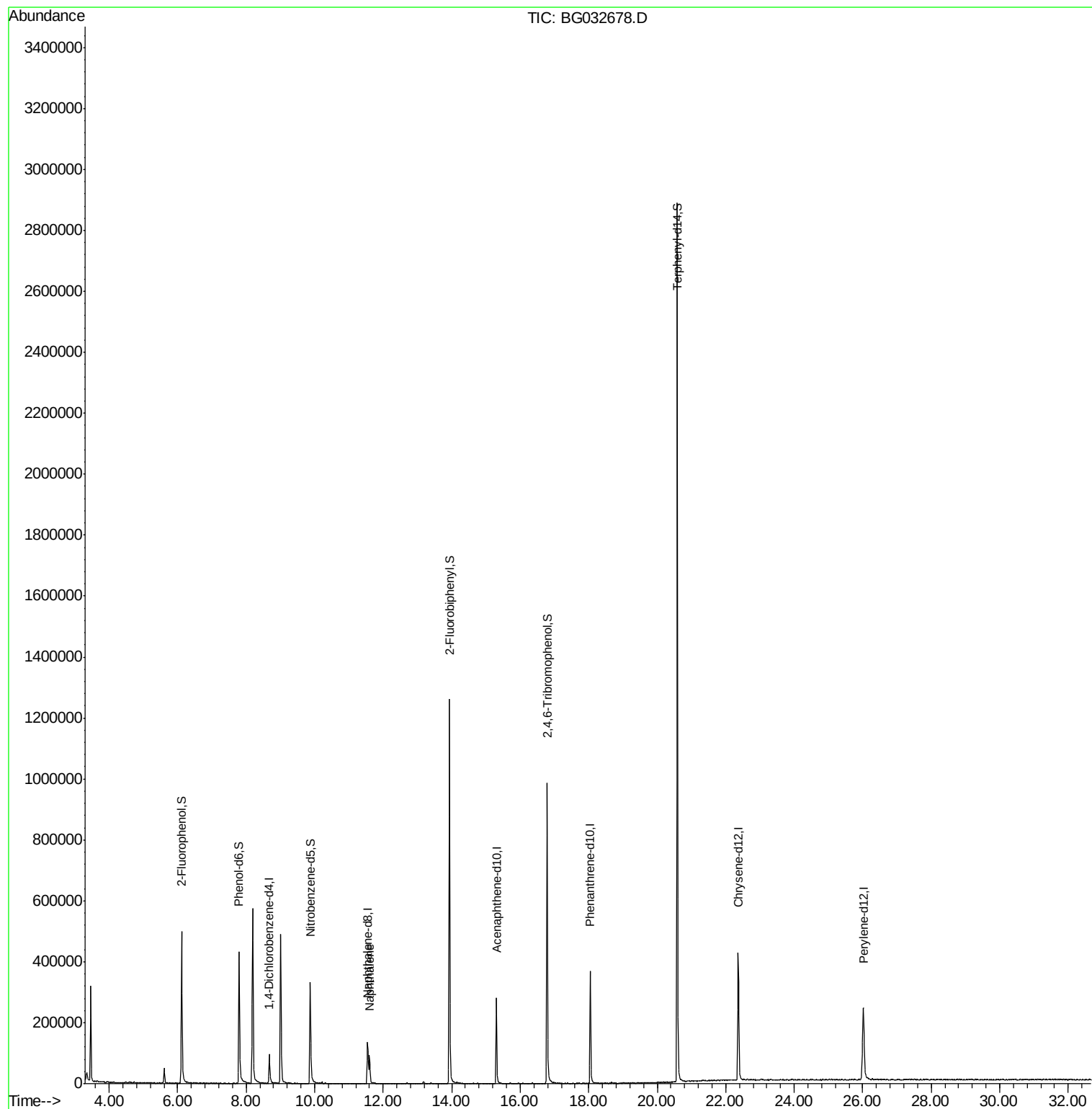
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	36673	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	150350	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	110024	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	284786	20.00	ng	0.00
75) Chrysene-d12	22.37	240	358407	20.00	ng	0.00
86) Perylene-d12	26.02	264	361327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	262574	143.65	ng	0.00
7) Phenol-d6	7.79	99	290251	116.13	ng	0.00
23) Nitrobenzene-d5	9.87	82	231522	97.87	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	218601	129.03	ng	0.00
44) 2-Fluorobiphenyl	13.94	172	795130	90.37	ng	0.00
78) Terphenyl-d14	20.59	244	1573182	100.04	ng	0.00
Target Compounds						
31) Naphthalene	11.60	128	91419	12.522	ng	Qvalue 96

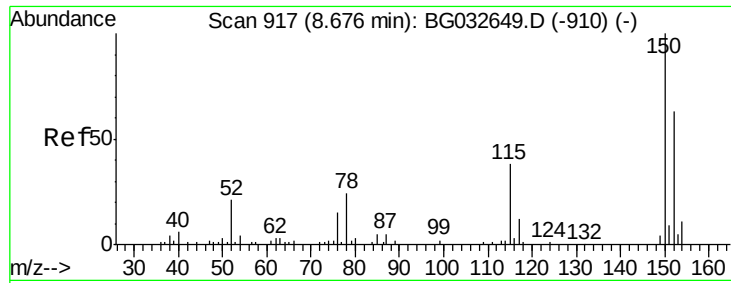
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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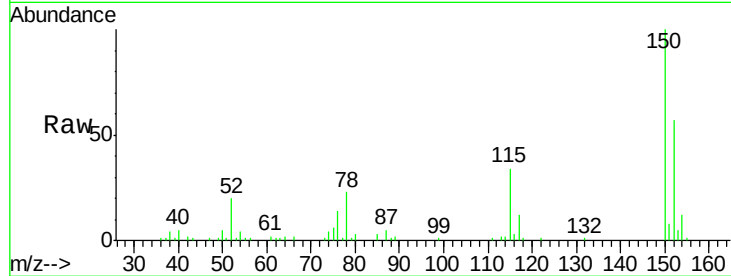


#1

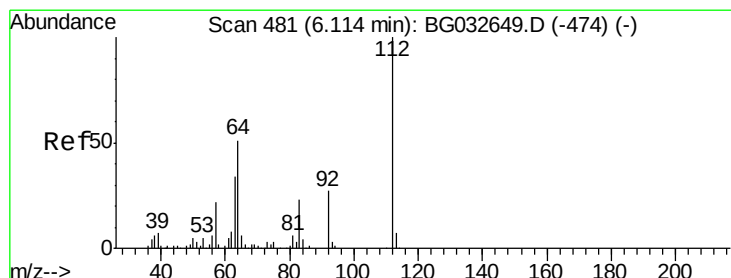
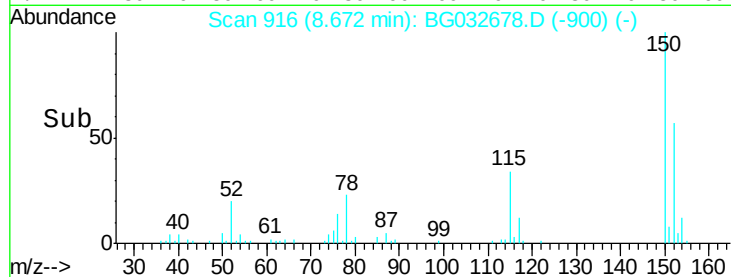
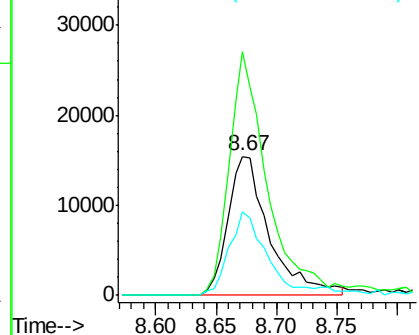
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032678.D
Acq: 14 Feb 2018 5:07

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

Tot Ion:152 Resp: 36673
Ion Ratio Lower Upper
152 100
150 174.8 126.6 189.8
115 59.9 53.0 79.4



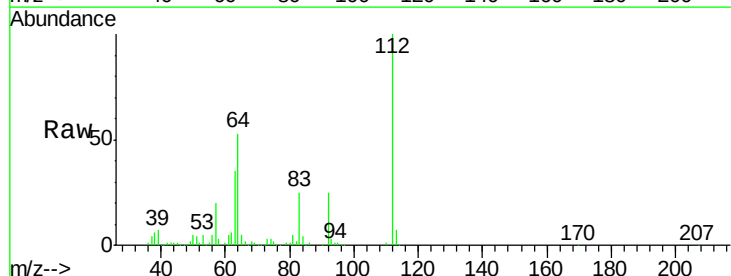
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



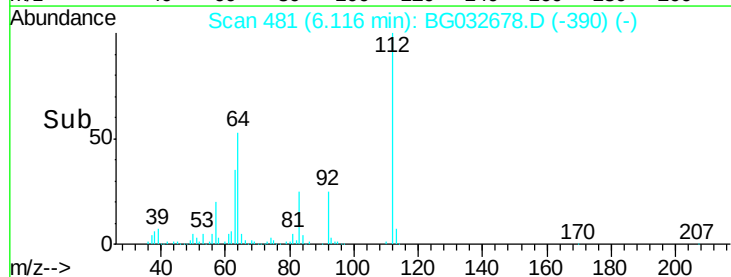
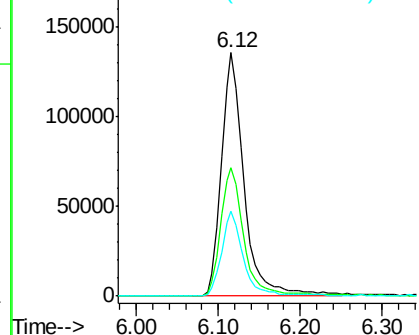
#5

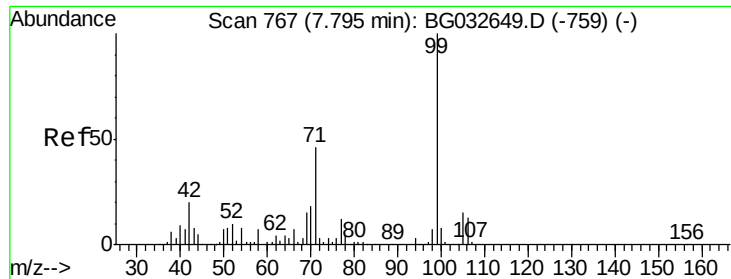
2-Fluorophenol
Concen: 143.652 ng
RT: 6.12 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032678.D
Acq: 14 Feb 2018 5:07

Tgt Ion:112 Resp: 262574
Ion Ratio Lower Upper
112 100
64 53.0 56.3 84.5#
63 35.0 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: 116.129 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032678.D

Acq: 14 Feb 2018 5:07

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-D

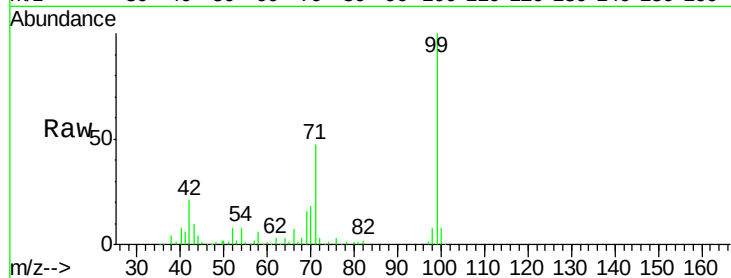
Tot Ion: 99 Resp: 290251

Ion Ratio Lower Upper

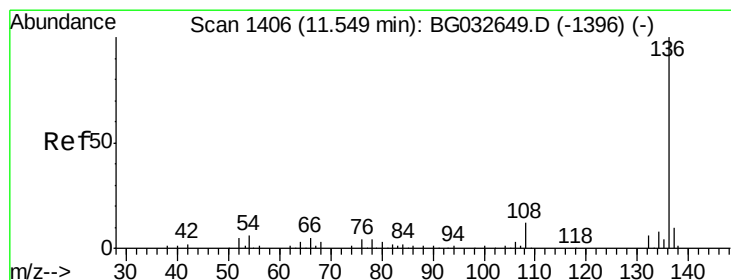
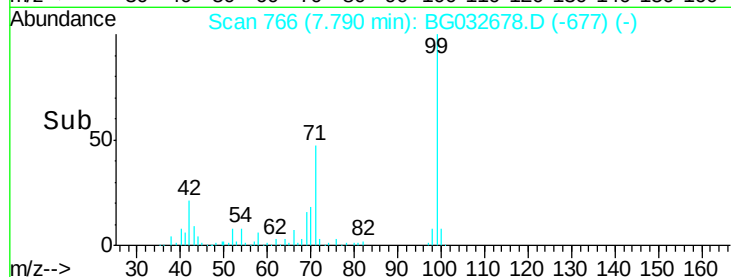
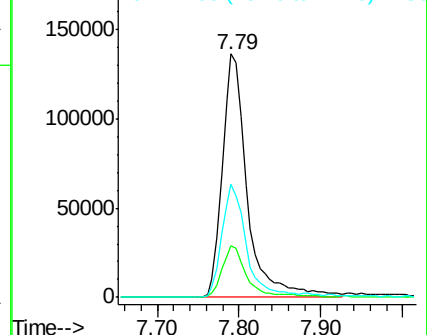
99 100

42 21.5 14.1 21.1#

71 46.7 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: 11.54 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032678.D

Acq: 14 Feb 2018 5:07

Tgt Ion: 136 Resp: 150350

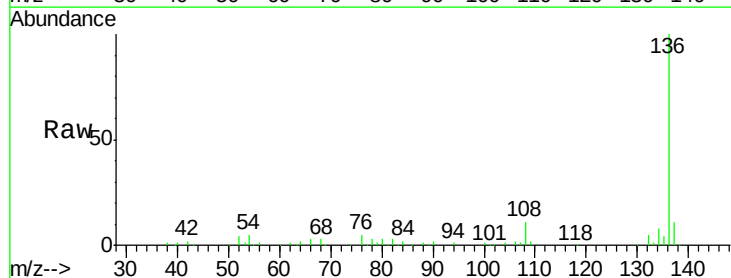
Ion Ratio Lower Upper

136 100

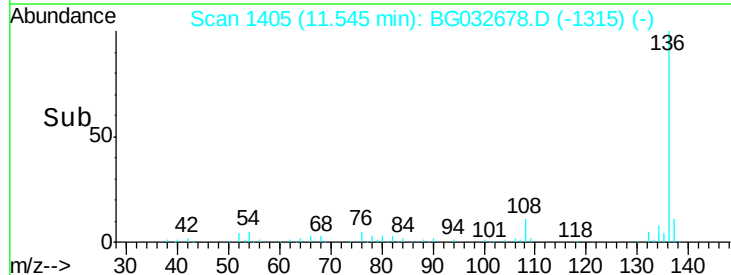
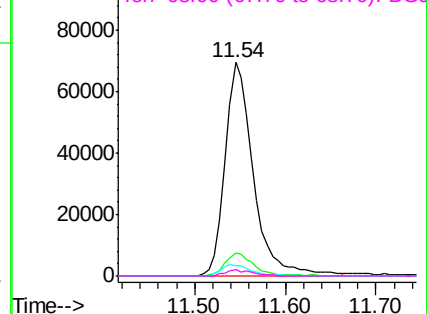
137 10.9 9.2 13.8

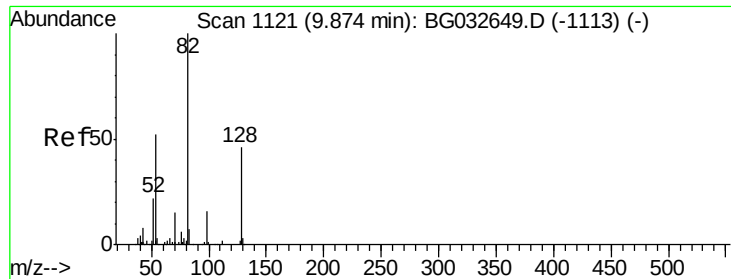
54 5.1 10.3 15.5#

68 3.4 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

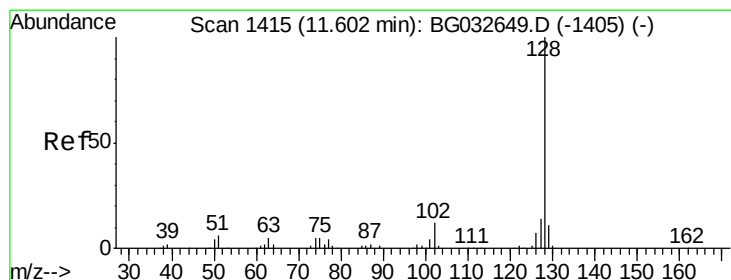
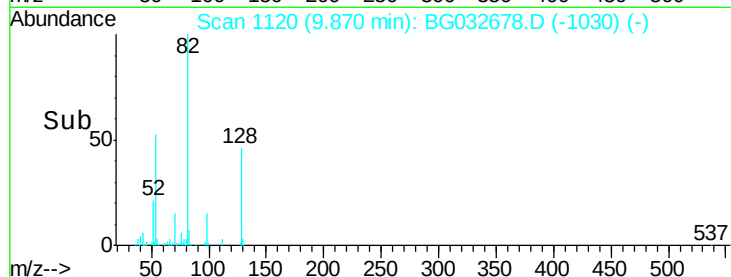
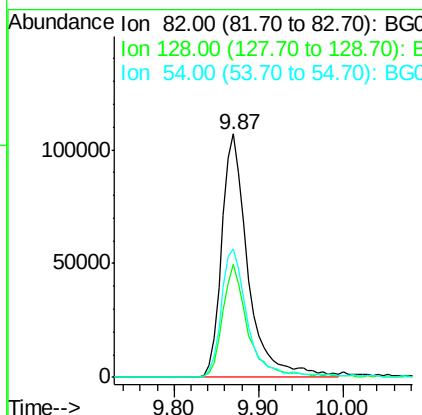
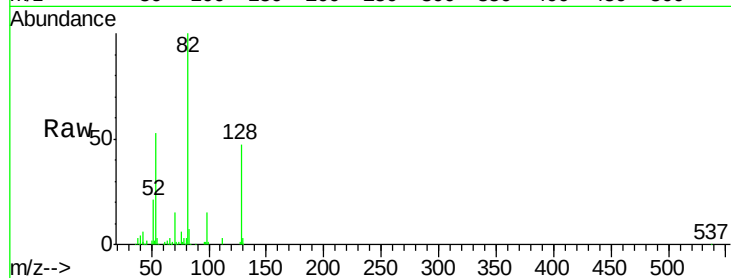




#23
 Nitrobenzene-d5
 Concen: 97.868 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BG032678.D
 Acq: 14 Feb 2018 5:07

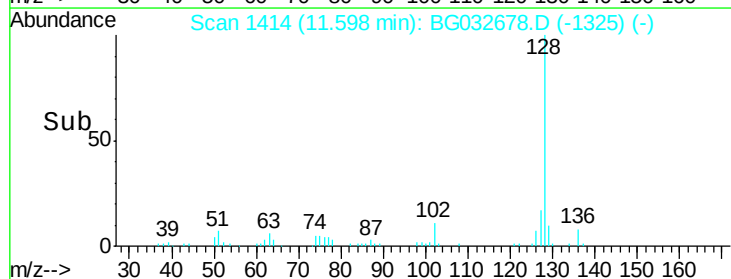
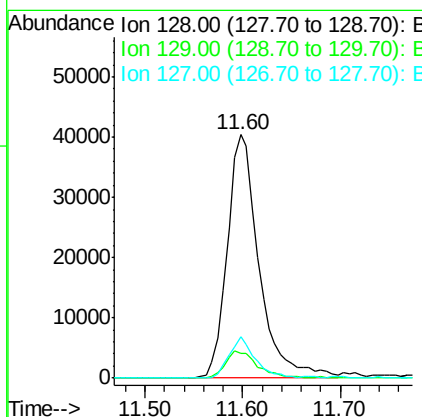
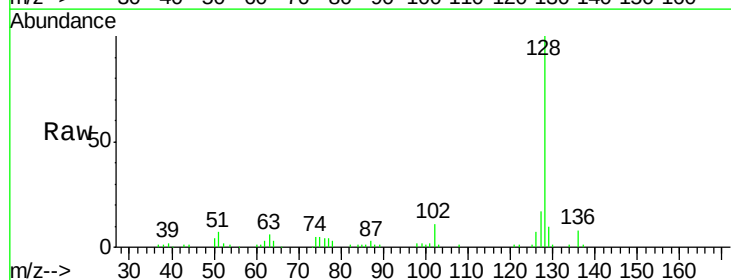
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-D

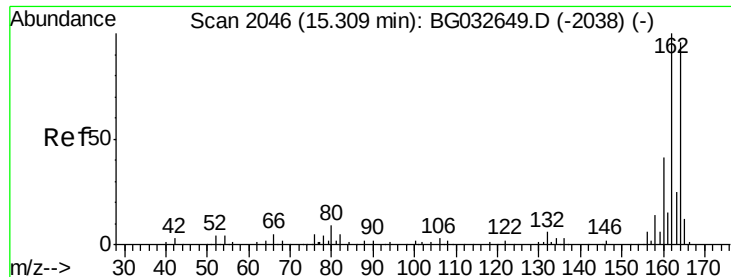
Tot Ion	82	Resp	231522
Ion Ratio	Lower	Upper	
82	100		
128	46.6	29.7	44.5#
54	52.9	43.1	64.7



#31
 Naphthalene
 Concen: 12.522 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG032678.D
 Acq: 14 Feb 2018 5:07

Tgt Ion	128	Resp	91419
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.6	12.8
127	17.0	11.6	17.4

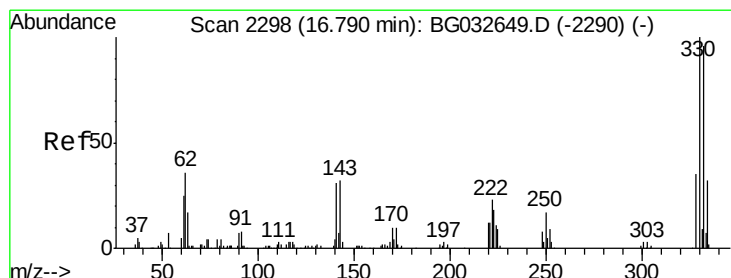
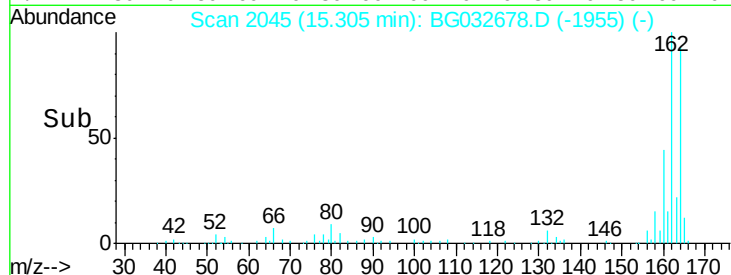
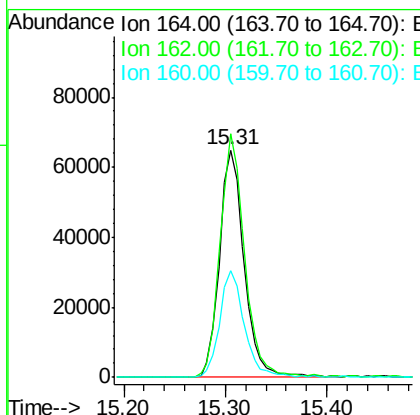
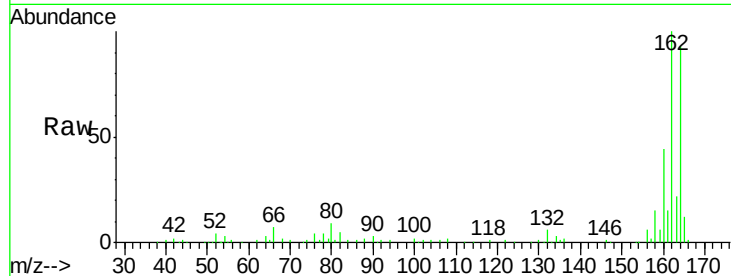




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032678.D
Acq: 14 Feb 2018 5:07

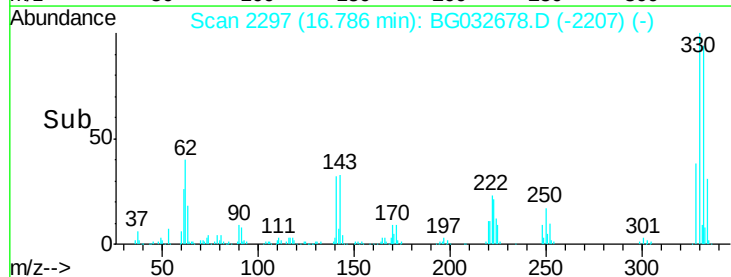
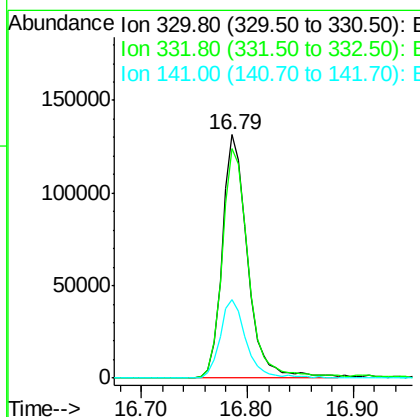
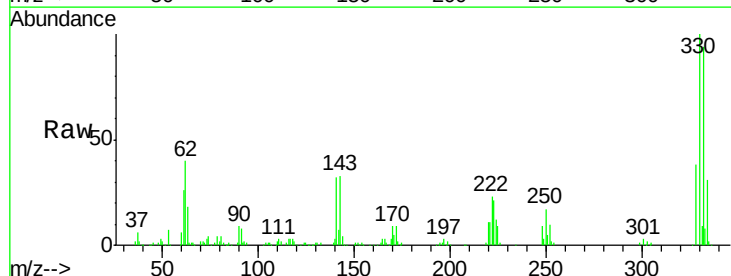
Instrument :
BNA_G
ClientSampleId :
CL-01-021218-D

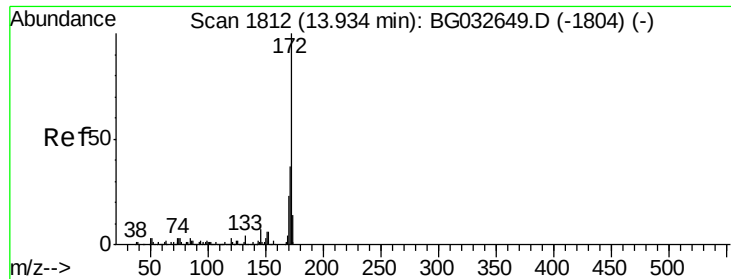
Tot Ion:164 Resp: 110024
Ion Ratio Lower Upper
164 100
162 107.1 78.8 118.2
160 47.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 129.034 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG032678.D
Acq: 14 Feb 2018 5:07

Tgt Ion:330 Resp: 218601
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 33.3 25.2 37.8

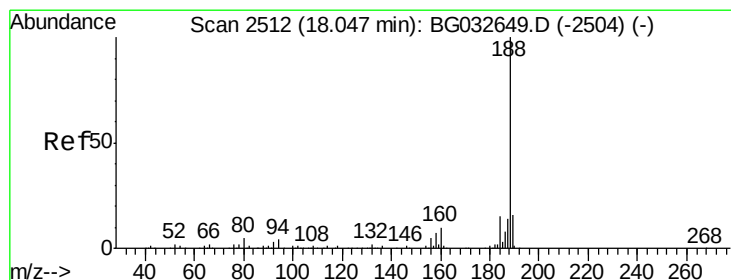
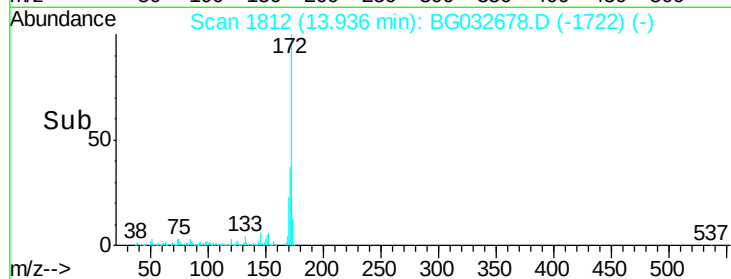
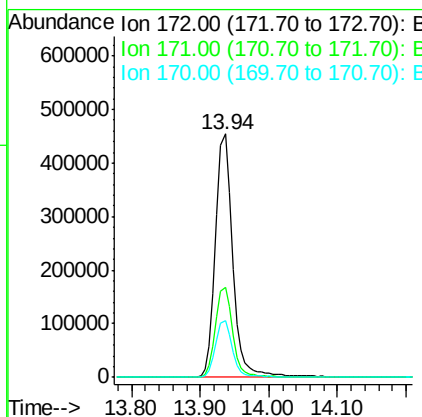
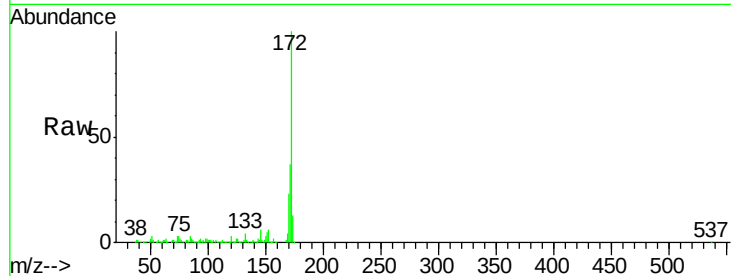




#44
2-Fluorobiphenyl
Concen: 90.374 ng
RT: 13.94 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG032678.D
Acq: 14 Feb 2018 5:07

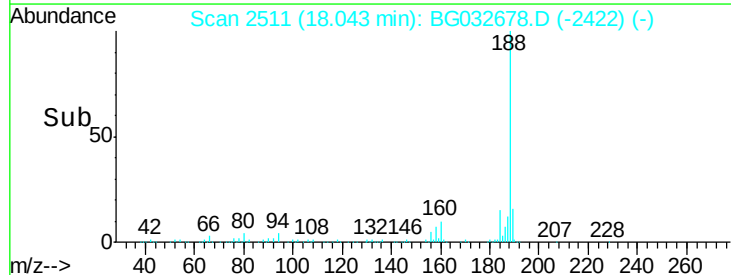
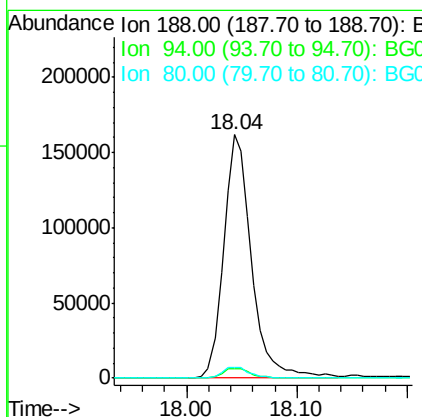
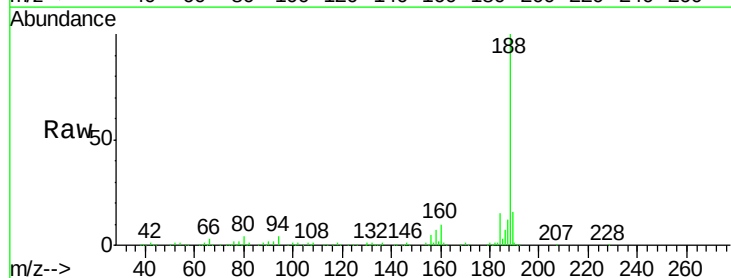
Instrument :
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CL-01-021218-D

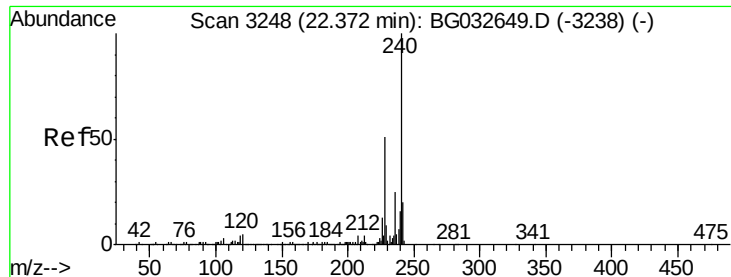
Tot Ion:172 Resp: 795130
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 23.1 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.04 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG032678.D
Acq: 14 Feb 2018 5:07

Tgt Ion:188 Resp: 284786
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.3 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.37 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BG032678.D

Acq: 14 Feb 2018 5:07

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-D

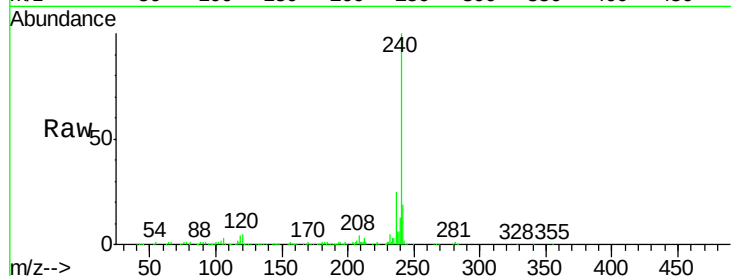
Tot Ion:240 Resp: 358407

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

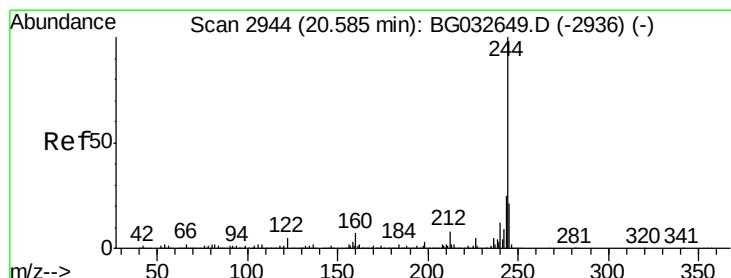
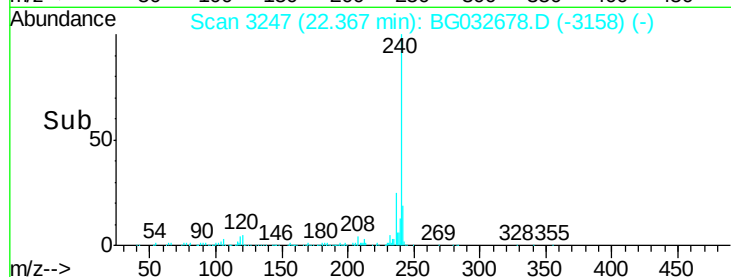
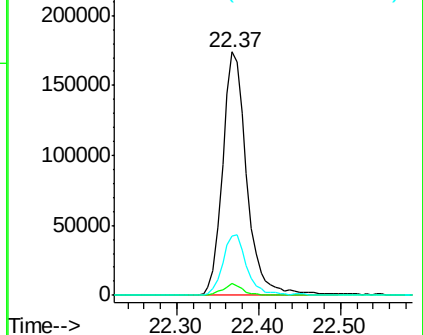
236 24.6 20.9 31.3



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: 100.043 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032678.D

Acq: 14 Feb 2018 5:07

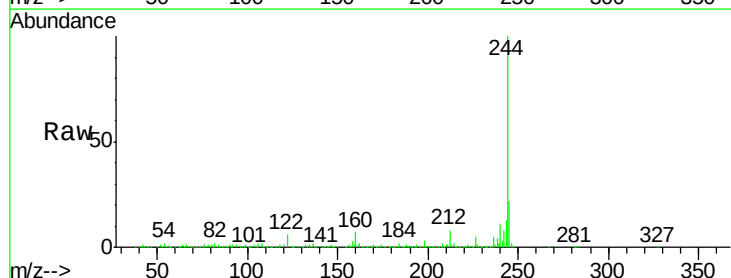
Tgt Ion:244 Resp: 1573182

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

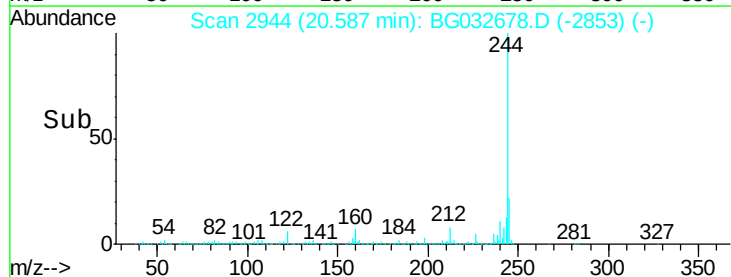
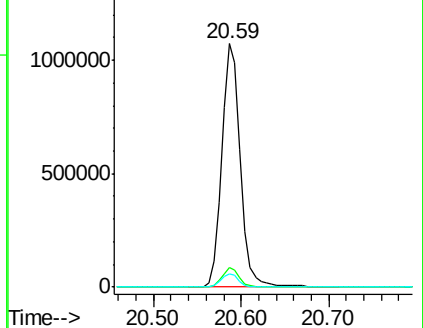
122 5.7 7.0 10.4#

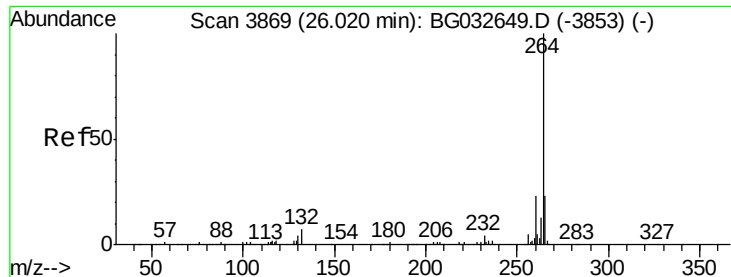


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG032678.D
Acq: 14 Feb 2018 5:07

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.7	17.7	26.5

