

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032025.D
 Acq On : 13 Jan 2018 5:47
 Operator : SJ/JU
 Sample : PB105600TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105600TB

Quant Time: Jan 15 10:06:18 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	51981	20.00	ng	0.02
21) Naphthalene-d8	11.68	136	207298	20.00	ng	0.02
38) Acenaphthene-d10	15.42	164	139102	20.00	ng	0.02
63) Phenanthrene-d10	18.15	188	362152	20.00	ng	0.00
75) Chrysene-d12	22.49	240	435967	20.00	ng	0.00
86) Perylene-d12	26.22	264	450054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	380413	133.85	ng	0.03
7) Phenol-d6	7.90	99	463512	129.49	ng	0.03
23) Nitrobenzene-d5	9.99	82	256686	83.77	ng	0.02
41) 2,4,6-Tribromophenol	16.89	330	294534	127.96	ng	0.01
44) 2-Fluorobiphenyl	14.04	172	933800	83.24	ng	0.01
78) Terphenyl-d14	20.68	244	1763019	89.29	ng	0.00

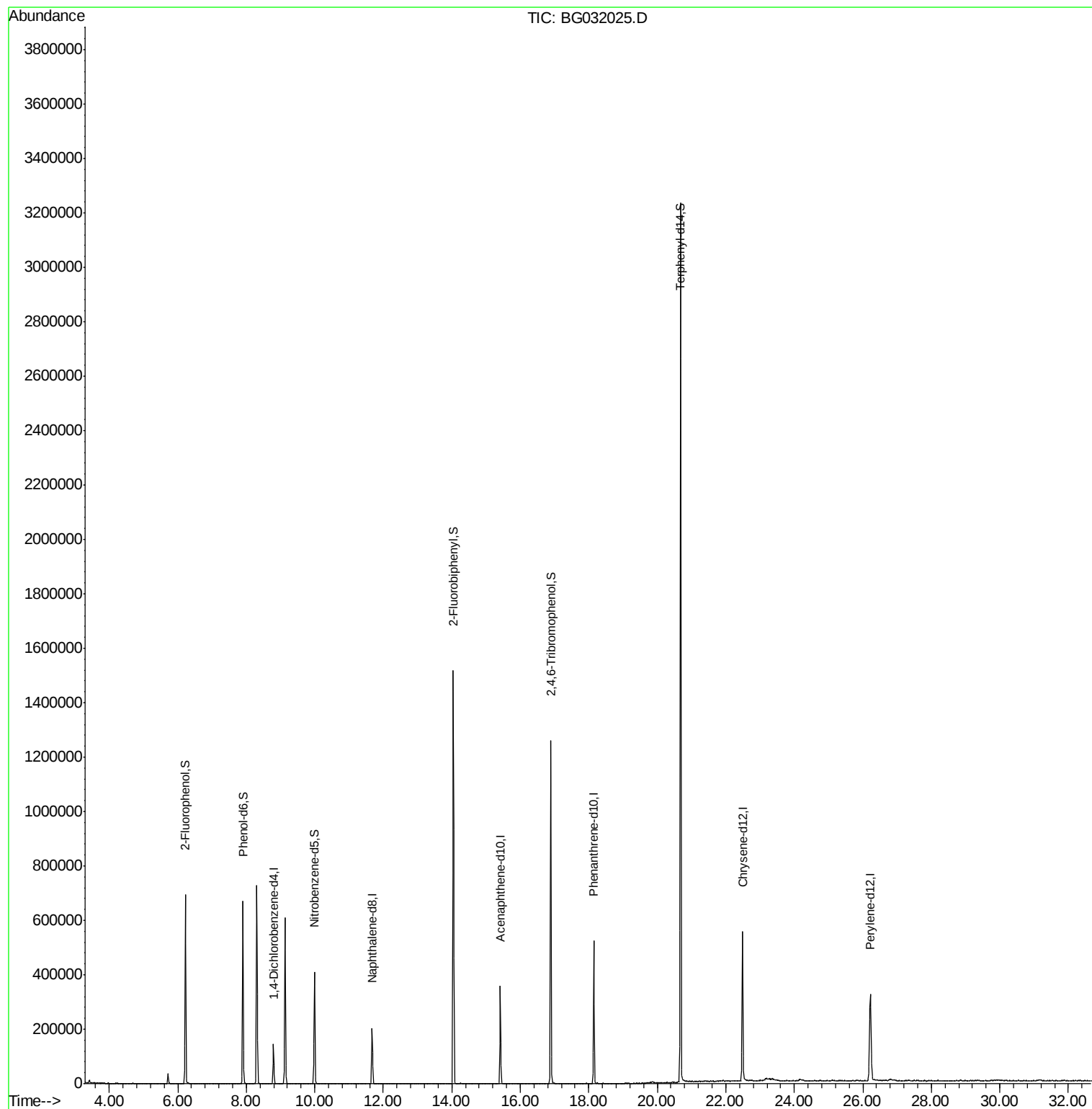
Target Compounds	Qvalue
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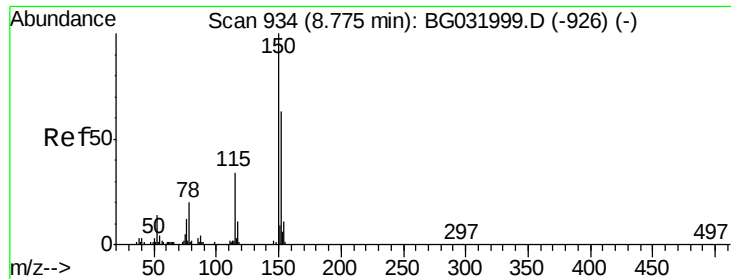
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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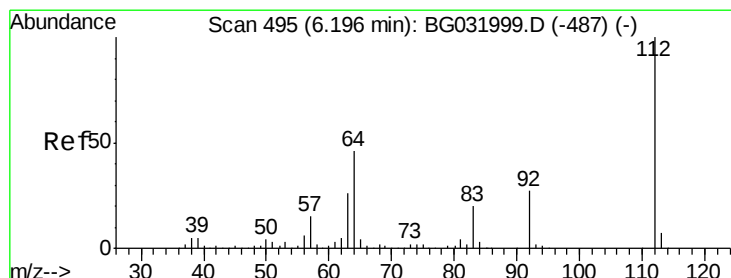
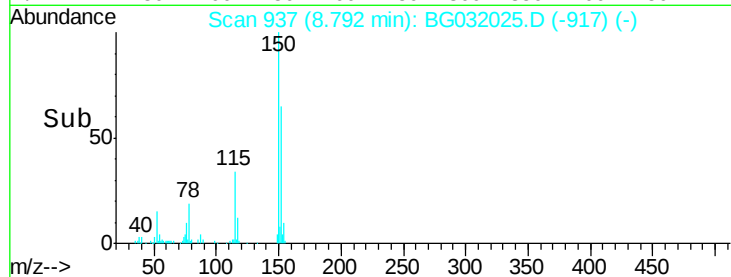
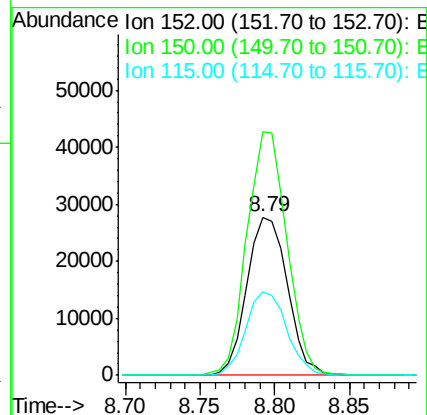
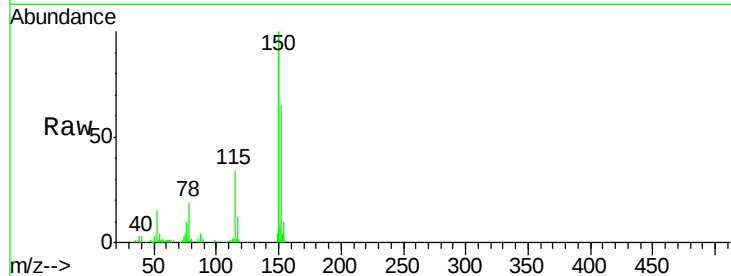


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 937
Delta R.T. 0.02 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

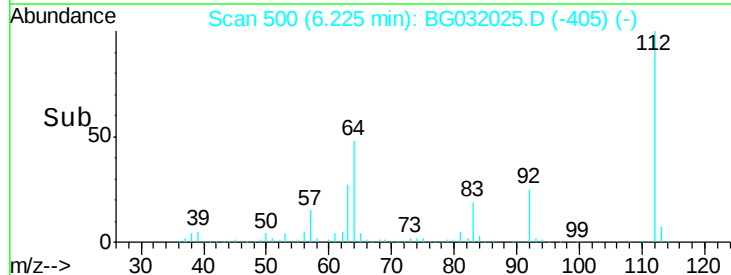
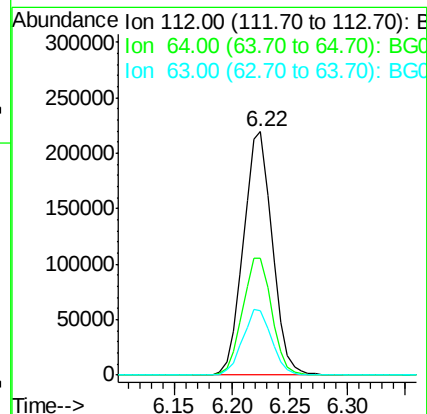
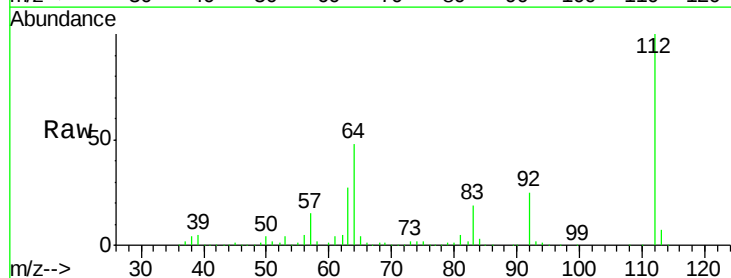
Tgt Ion:152 Resp: 51981
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 53.2 53.0 79.4



#5

2-Fluorophenol
Concen: 133.847 ng
RT: 6.22 min Scan# 500
Delta R.T. 0.03 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:112 Resp: 380413
Ion Ratio Lower Upper
112 100
64 48.0 56.3 84.5#
63 26.6 30.1 45.1#





#7

Phenol-d6

Concen: 129.490 ng

RT: 7.90 min Scan# 786

Delta R.T. 0.03 min

Lab File: BG032025.D

Acq: 13 Jan 2018 5:47

Instrument :

BNA_G

ClientSampleId :

PB105600TB

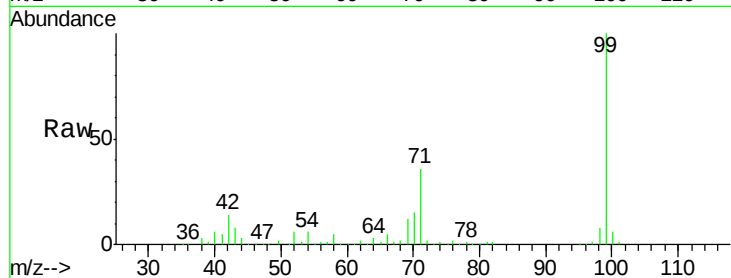
Tgt Ion: 99 Resp: 463512

Ion Ratio Lower Upper

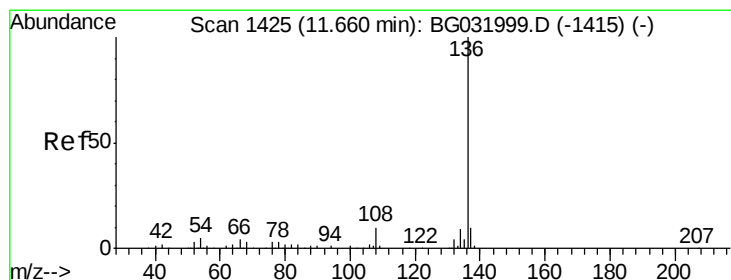
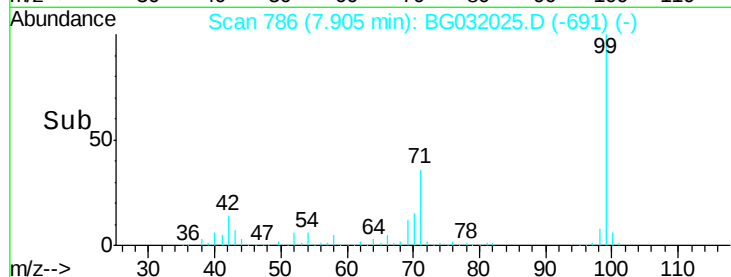
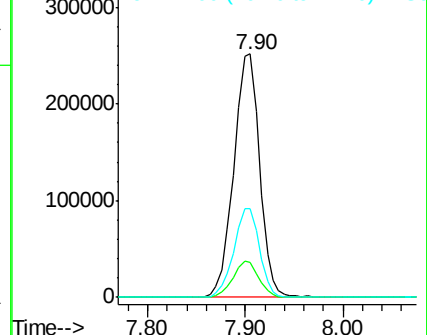
99 100

42 14.3 14.1 21.1

71 36.4 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: 11.68 min Scan# 1428

Delta R.T. 0.02 min

Lab File: BG032025.D

Acq: 13 Jan 2018 5:47

Tgt Ion: 136 Resp: 207298

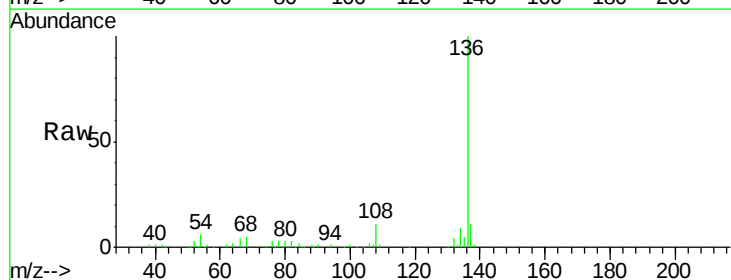
Ion Ratio Lower Upper

136 100

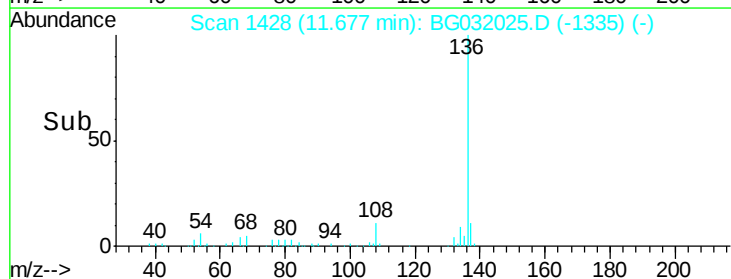
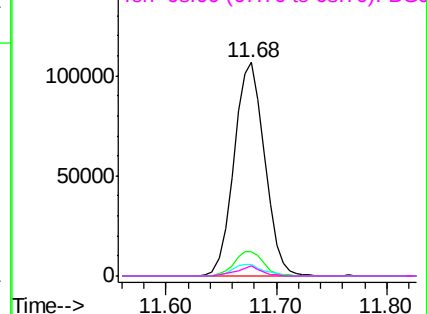
137 11.3 9.2 13.8

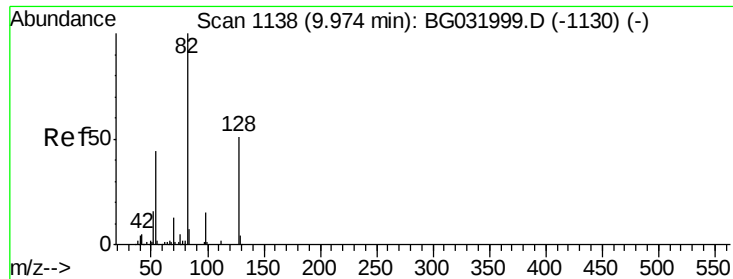
54 5.6 10.3 15.5#

68 4.7 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

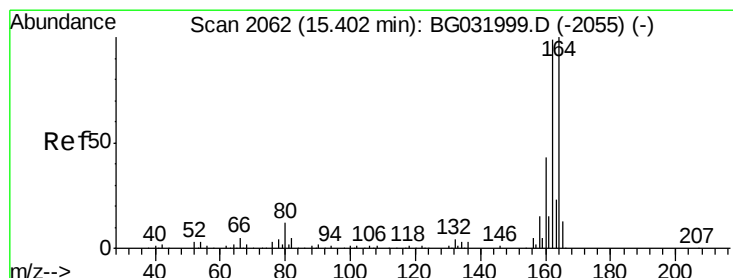
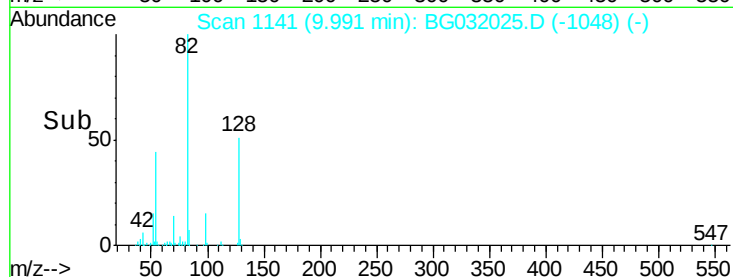
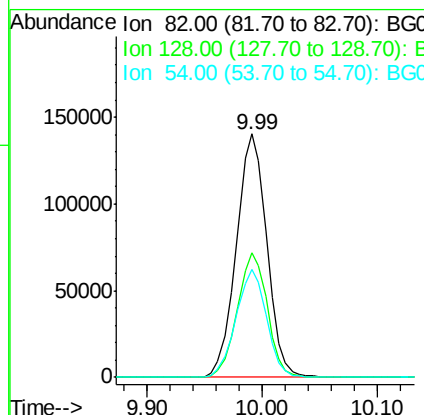
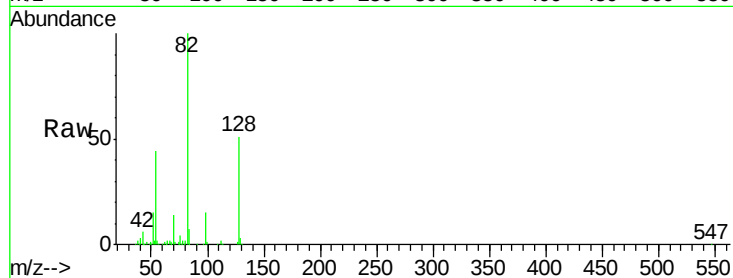




#23
 Nitrobenzene-d5
 Concen: 83.773 ng
 RT: 9.99 min Scan# 1141
 Delta R.T. 0.02 min
 Lab File: BG032025.D
 Acq: 13 Jan 2018 5:47

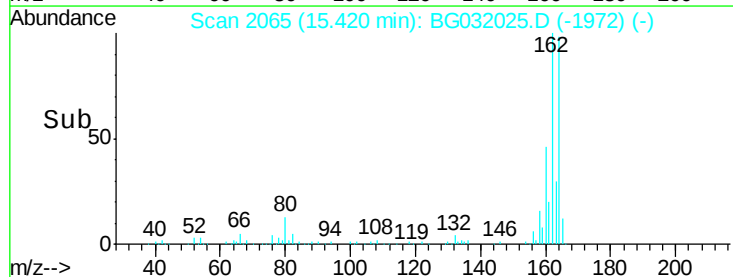
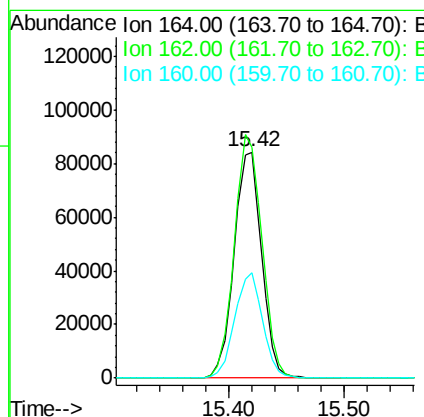
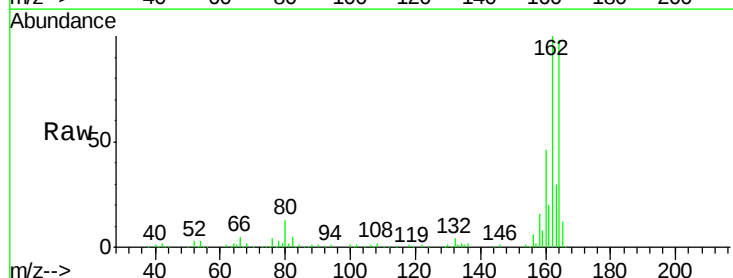
Instrument :
 BNA_G
 ClientSampleId :
 PB105600TB

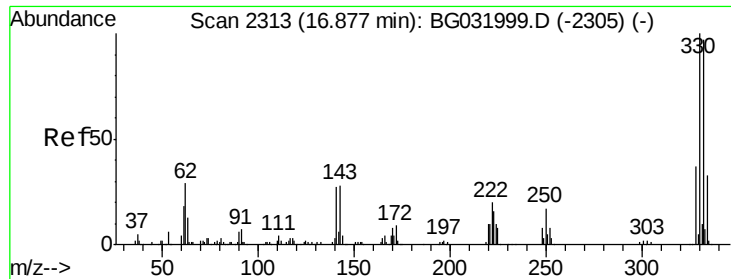
Tgt Ion: 82 Resp: 256686
 Ion Ratio Lower Upper
 82 100
 128 51.2 29.7 44.5#
 54 44.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2065
 Delta R.T. 0.02 min
 Lab File: BG032025.D
 Acq: 13 Jan 2018 5:47

Tgt Ion: 164 Resp: 139102
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 46.7 35.4 53.0

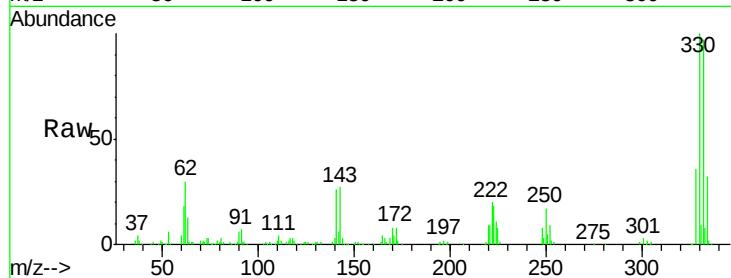




#41
 2,4,6-Tribromophenol
 Concen: 127.957 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.01 min
 Lab File: BG032025.D
 Acq: 13 Jan 2018 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB105600TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	26.9	25.2	37.8

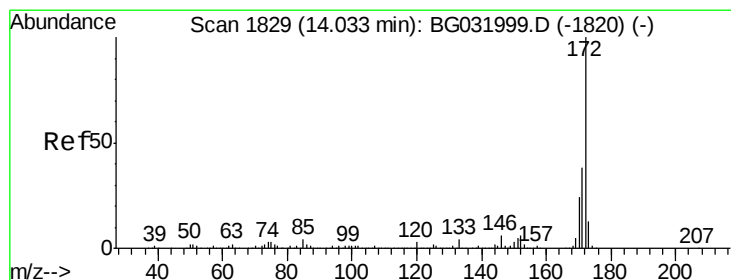
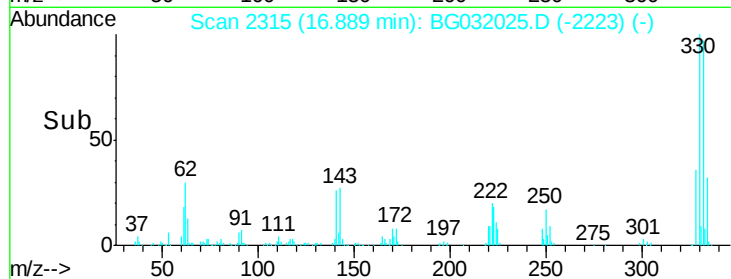
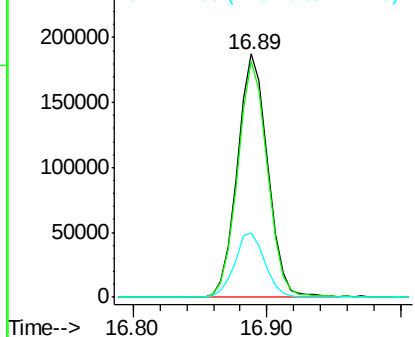


Abundance

Ion 329.80 (329.50 to 330.50): E

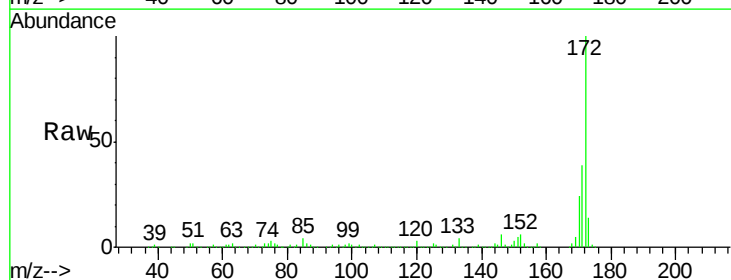
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.239 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BG032025.D
 Acq: 13 Jan 2018 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.3	19.5	29.3

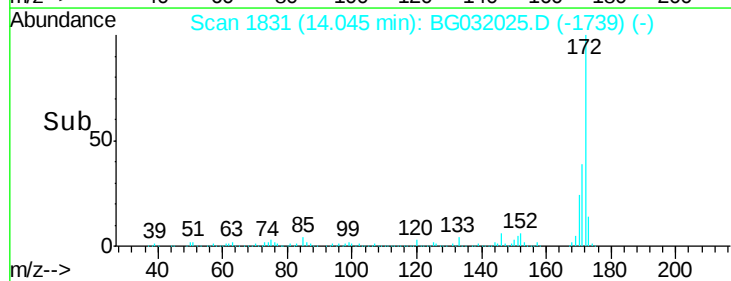
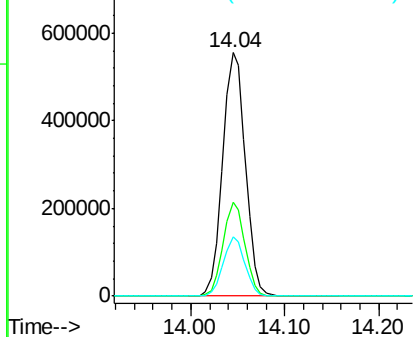


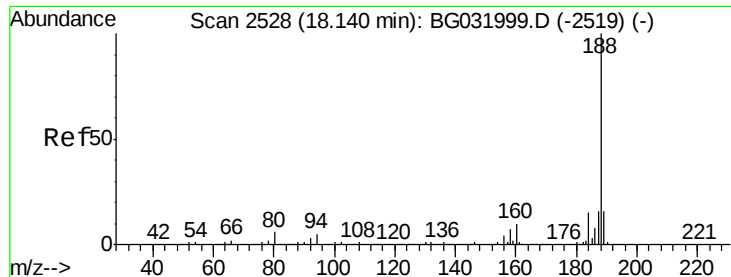
Abundance

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

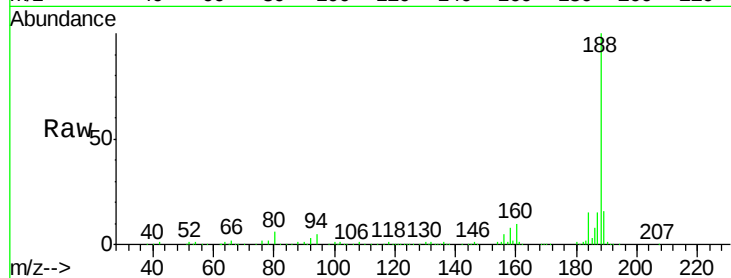




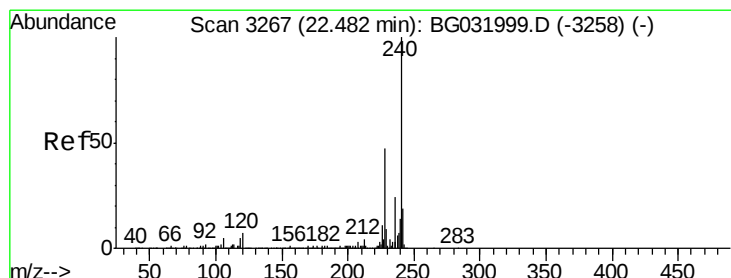
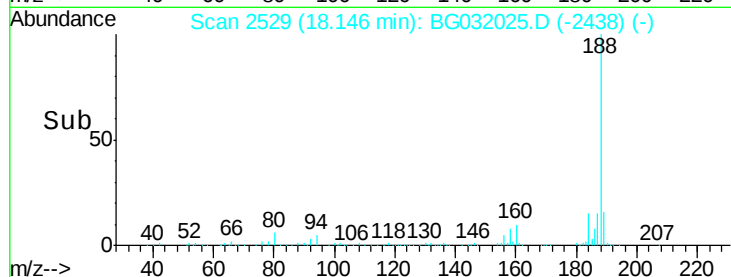
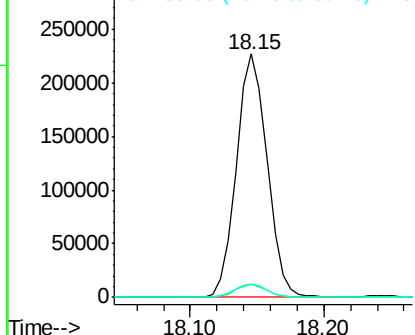
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
PB105600TB

Tgt Ion:188 Resp: 362152
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.6 7.7 11.5#

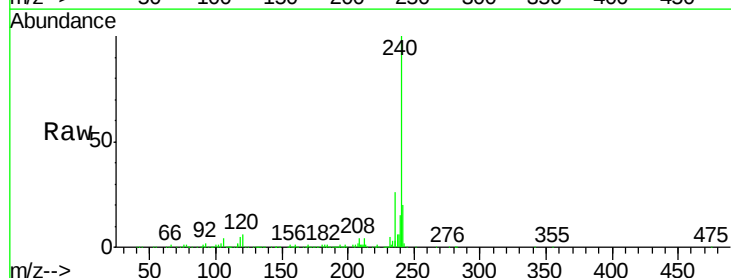


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

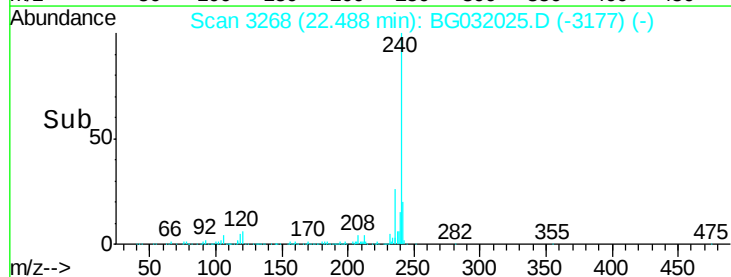
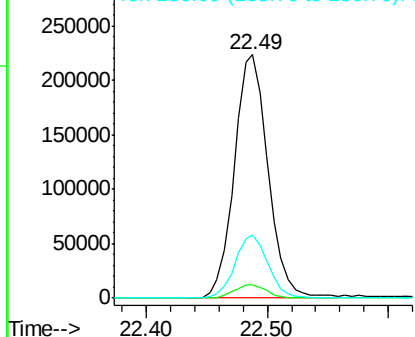


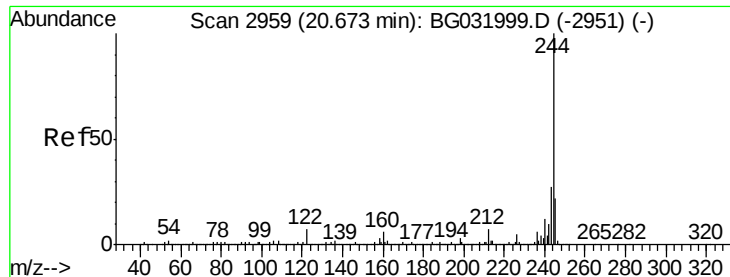
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. 0.01 min
Lab File: BG032025.D
Acq: 13 Jan 2018 5:47

Tgt Ion:240 Resp: 435967
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.7 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: 89.292 ng

RT: 20.68 min Scan# 2960

Delta R.T. 0.01 min

Lab File: BG032025.D

Acq: 13 Jan 2018 5:47

Instrument :

BNA_G

ClientSampleId :

PB105600TB

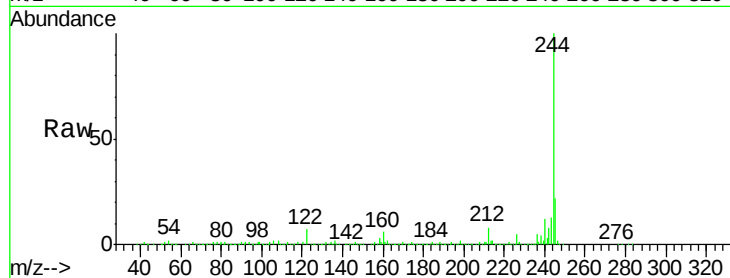
Tgt Ion:244 Resp: 1763019

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

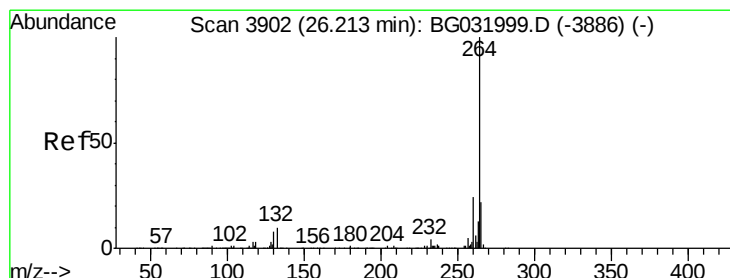
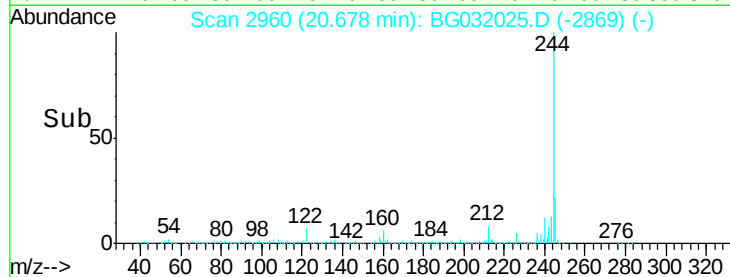
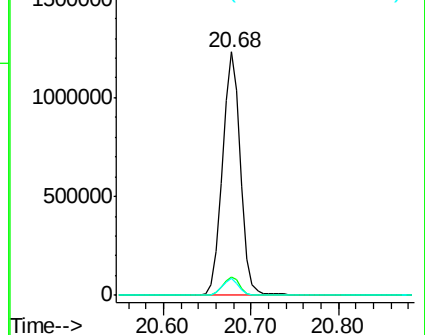
122 6.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.22 min Scan# 3903

Delta R.T. 0.01 min

Lab File: BG032025.D

Acq: 13 Jan 2018 5:47

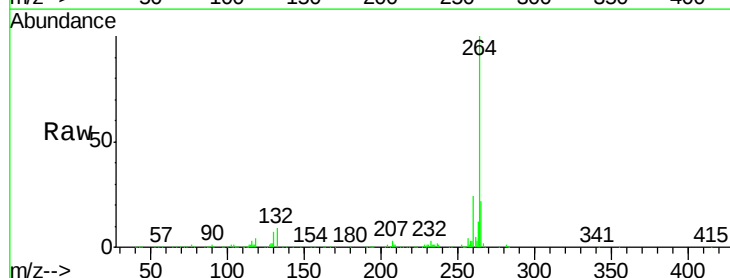
Tgt Ion:264 Resp: 450054

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

