

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032101.D
 Acq On : 17 Jan 2018 11:05
 Operator : SJ/JU
 Sample : J1122-23
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G-2

Quant Time: Jan 17 12:35:29 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	8.77	152	50688	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	200054	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	132435	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	347752	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	411902	20.00	ng	-0.02
86) Perylene-d12	26.19	264	411619	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	324795	117.19	ng	0.00
7) Phenol-d6	7.87	99	365343	104.67	ng	0.00
23) Nitrobenzene-d5	9.96	82	273418	92.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	276611	126.22	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	959021	89.79	ng	0.00
78) Terphenyl-d14	20.66	244	1787045	95.80	ng	-0.01

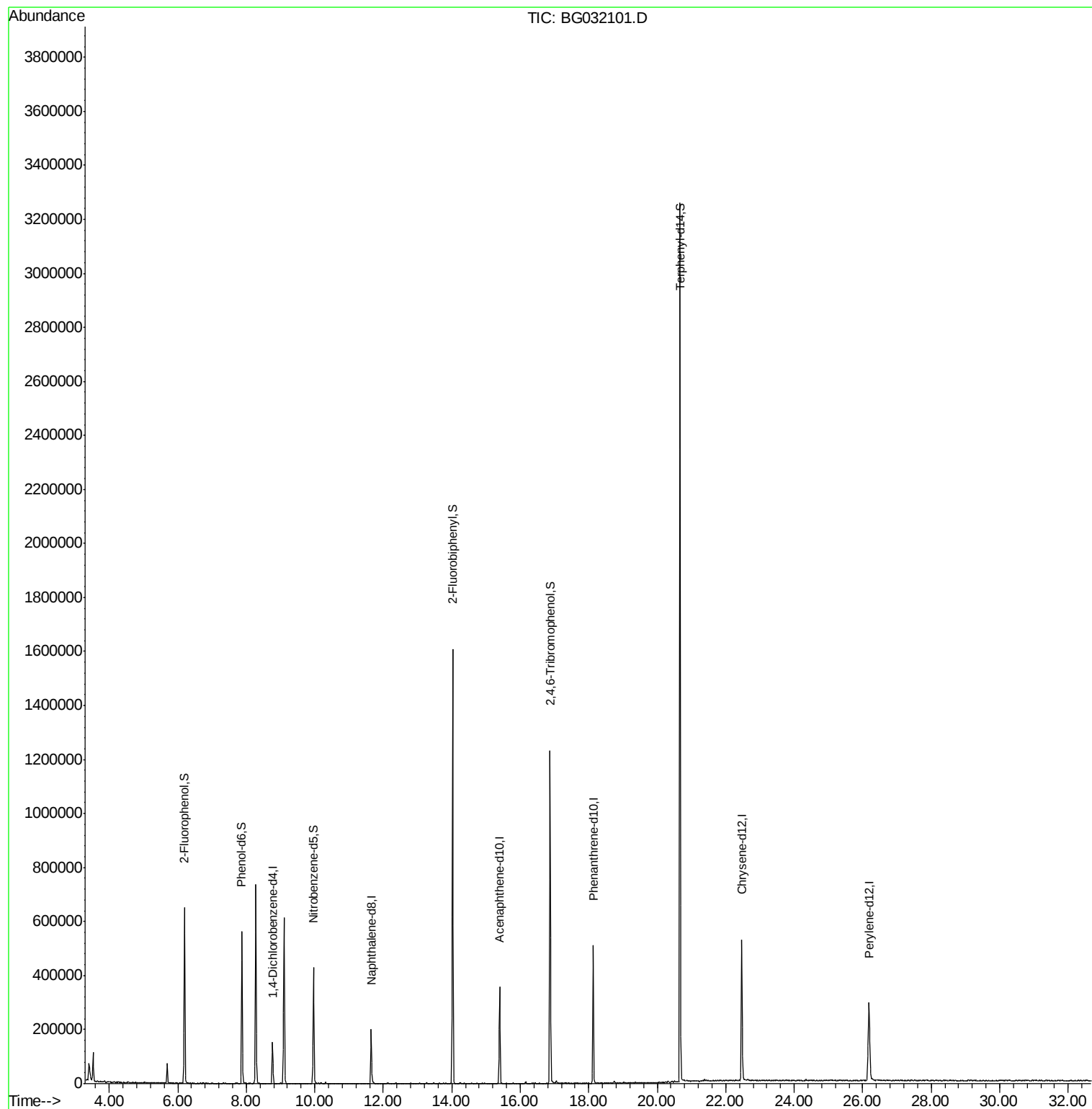
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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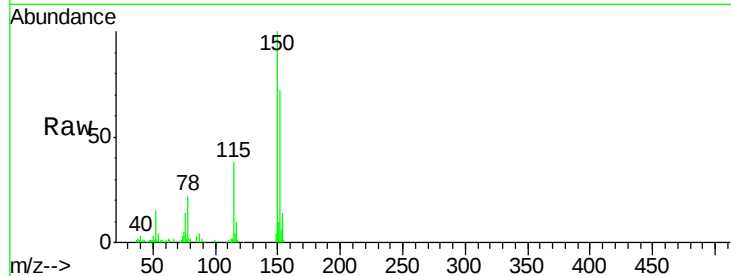


#1

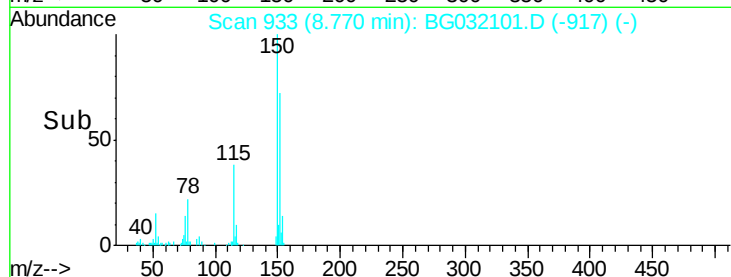
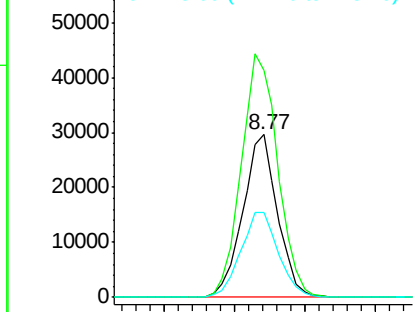
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.77 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BG032101.D
 Acq: 17 Jan 2018 11:05

Instrument :
 BNA_G
 ClientSampleId :
 G-2

Tgt Ion:152 Resp: 50688
 Ion Ratio Lower Upper
 152 100
 150 139.6 126.6 189.8
 115 52.6 53.0 79.4#



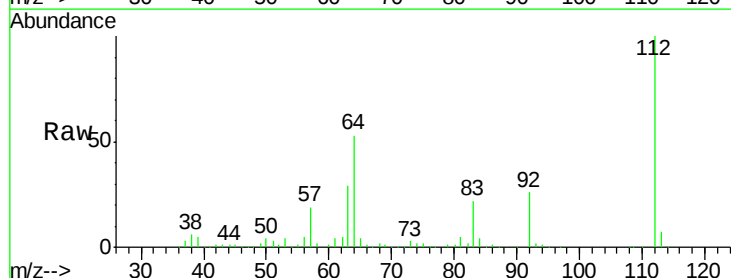
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



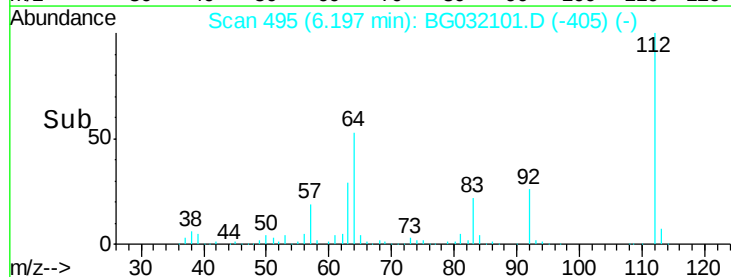
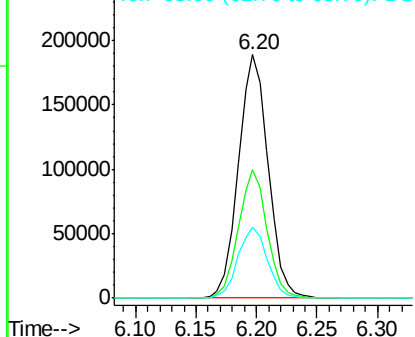
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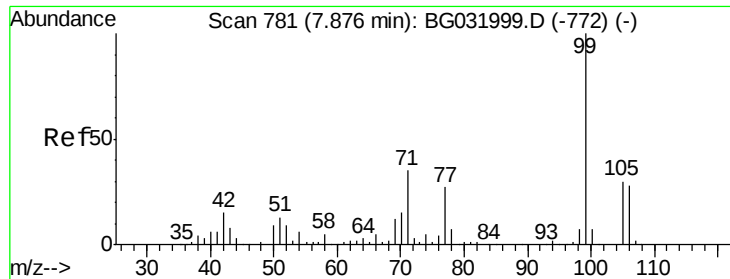
2-Fluorophenol
 Concen: 117.193 ng
 RT: 6.20 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BG032101.D
 Acq: 17 Jan 2018 11:05

Tgt Ion:112 Resp: 324795
 Ion Ratio Lower Upper
 112 100
 64 52.6 56.3 84.5#
 63 29.1 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: 104.669 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032101.D

Acq: 17 Jan 2018 11:05

Instrument :

BNA_G

ClientSampleId :

G-2

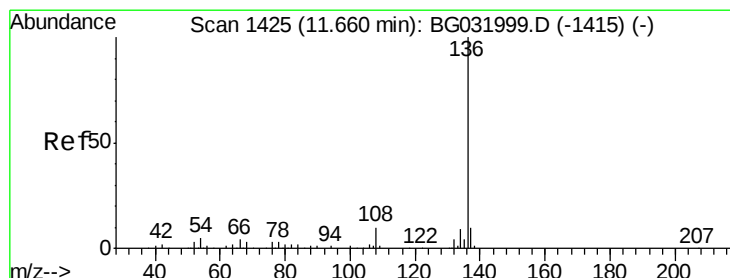
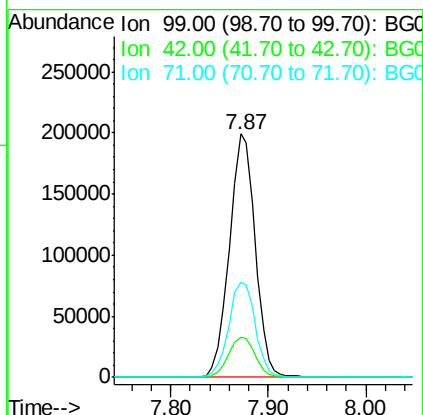
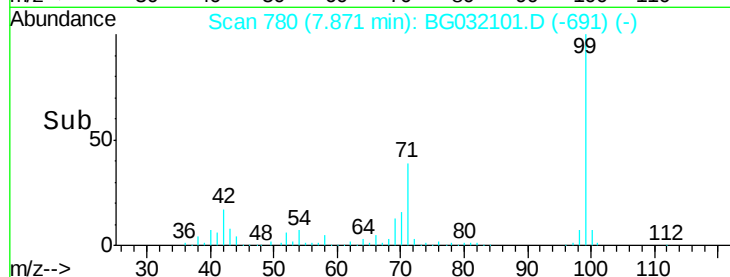
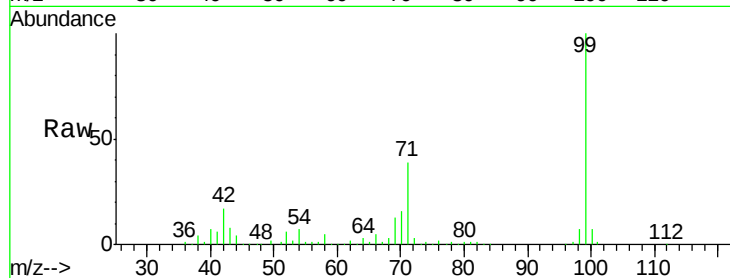
Tgt Ion: 99 Resp: 365343

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 39.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032101.D

Acq: 17 Jan 2018 11:05

Tgt Ion: 136 Resp: 200054

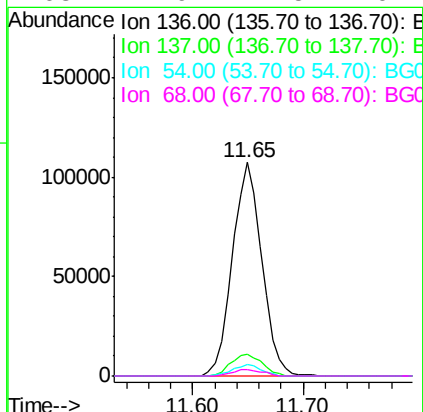
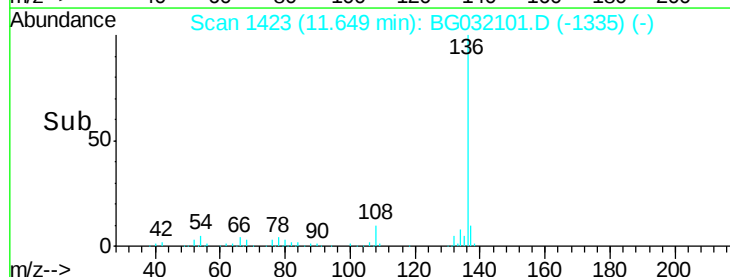
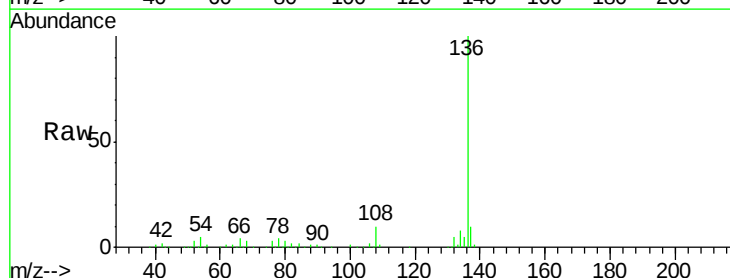
Ion Ratio Lower Upper

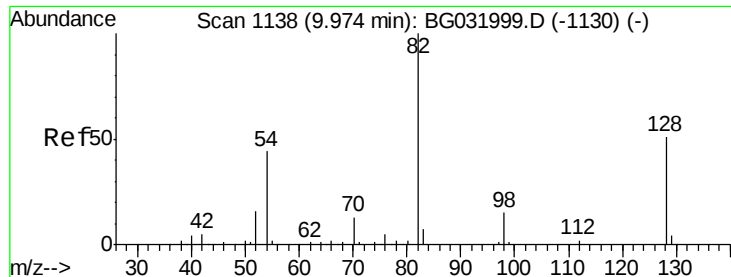
136 100

137 10.4 9.2 13.8

54 5.5 10.3 15.5#

68 2.9 4.5 6.7#

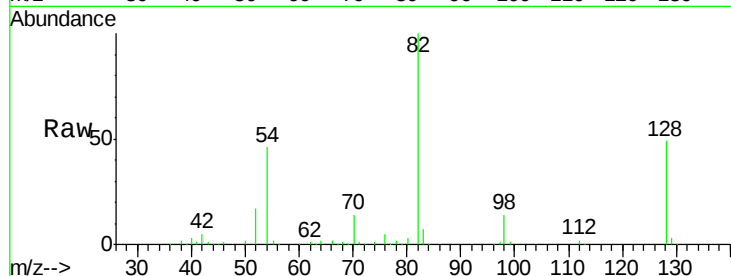




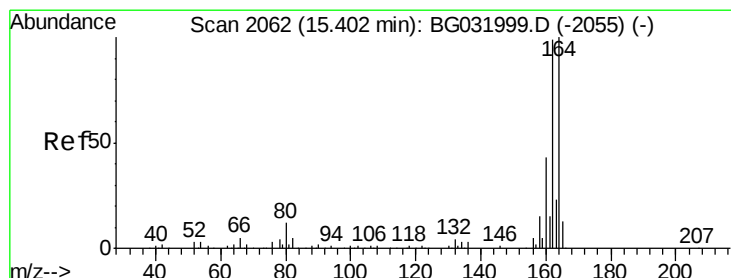
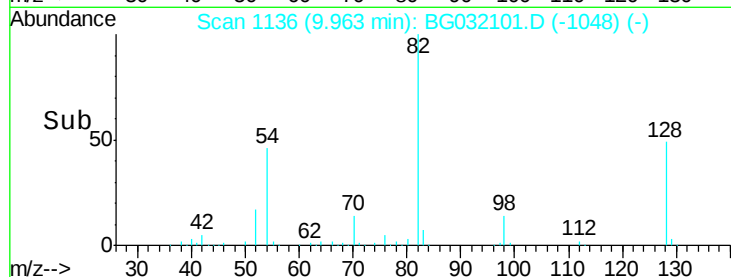
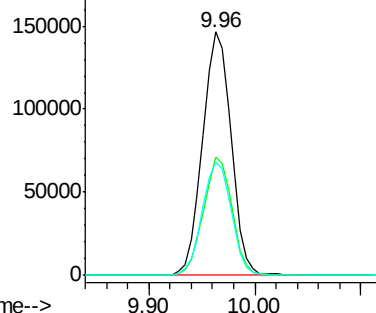
#23
 Nitrobenzene-d5
 Concen: 92.465 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032101.D
 Acq: 17 Jan 2018 11:05

Instrument :
 BNA_G
 ClientSampleId :
 G-2

Tgt Ion: 82 Resp: 273418
 Ion Ratio Lower Upper
 82 100
 128 48.7 29.7 44.5#
 54 46.4 43.1 64.7

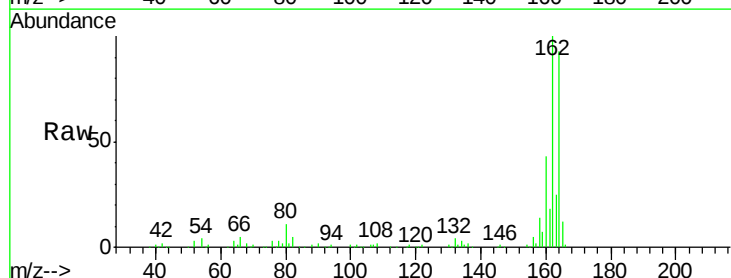


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

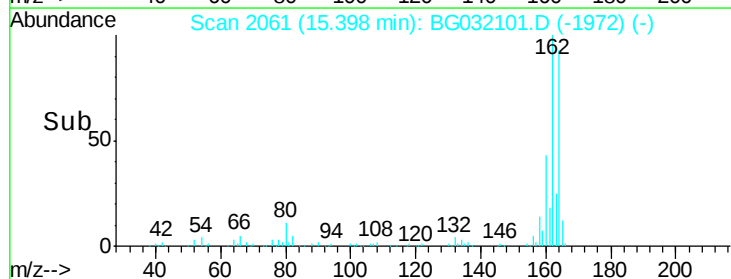
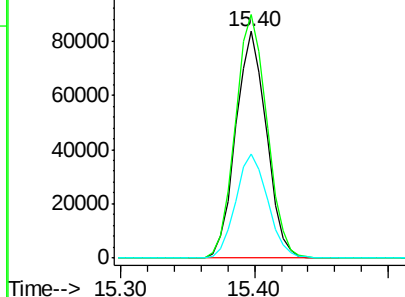


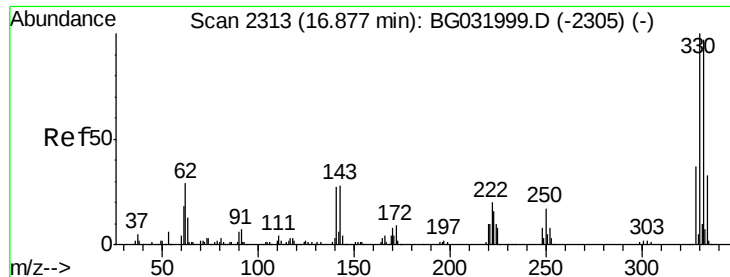
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG032101.D
 Acq: 17 Jan 2018 11:05

Tgt Ion: 164 Resp: 132435
 Ion Ratio Lower Upper
 164 100
 162 107.4 78.8 118.2
 160 46.0 35.4 53.0



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

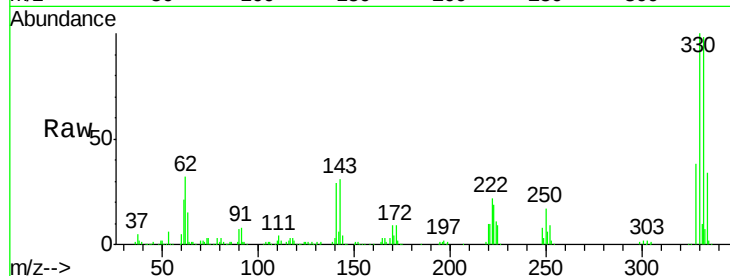




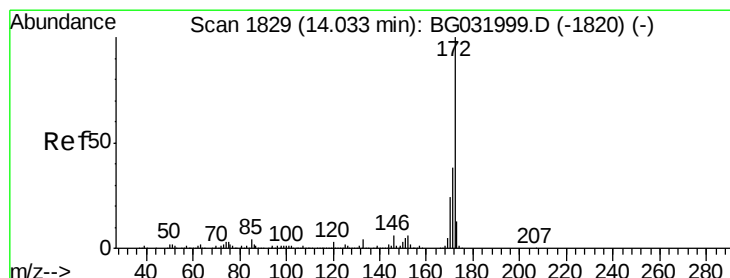
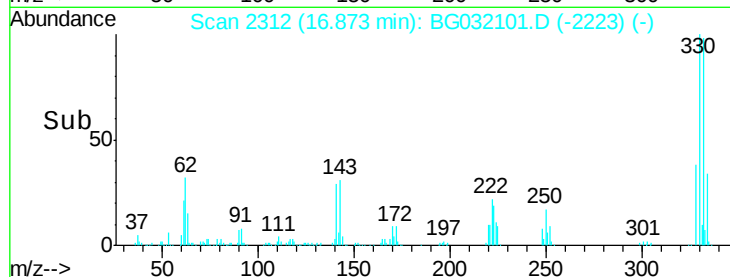
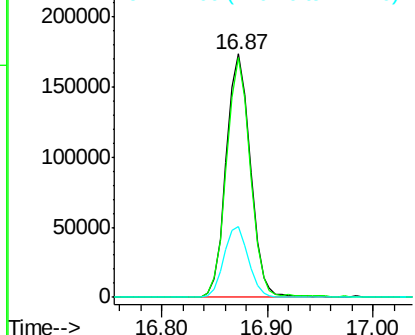
#41
 2,4,6-Tribromophenol
 Concen: 126.221 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032101.D
 Acq: 17 Jan 2018 11:05

Instrument :
 BNA_G
 ClientSampled :
 G-2

Tgt Ion:330 Resp: 276611
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 29.5 25.2 37.8

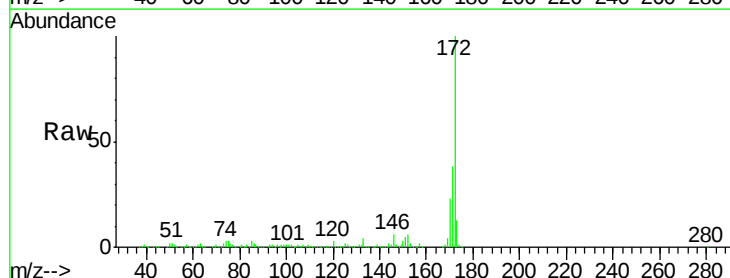


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

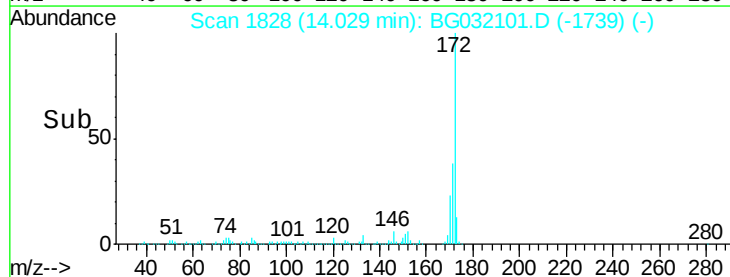
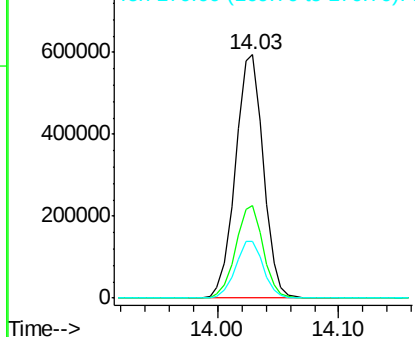


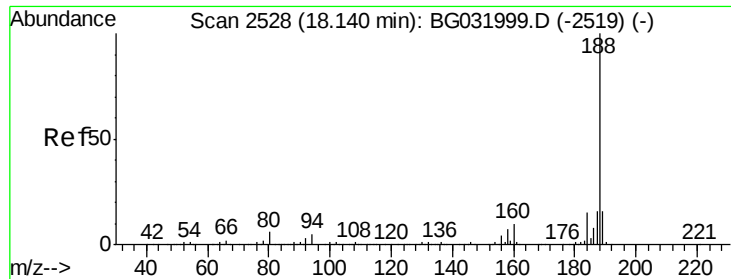
#44
 2-Fluorobiphenyl
 Concen: 89.790 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032101.D
 Acq: 17 Jan 2018 11:05

Tgt Ion:172 Resp: 959021
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.3 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

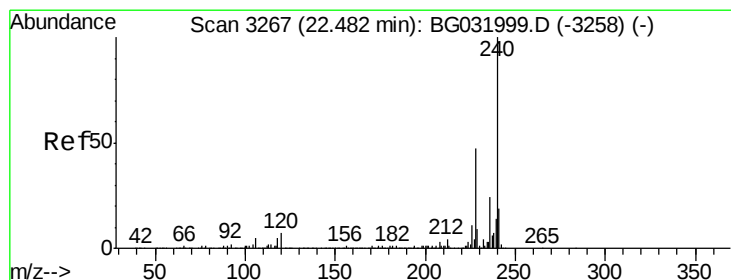
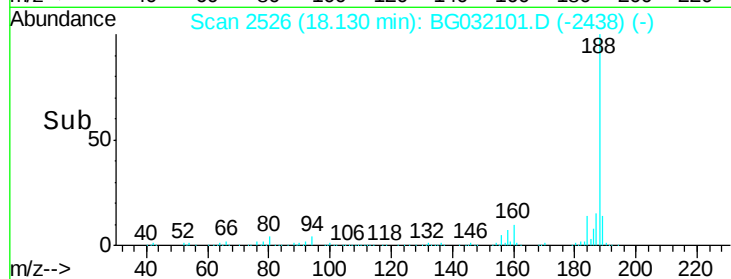
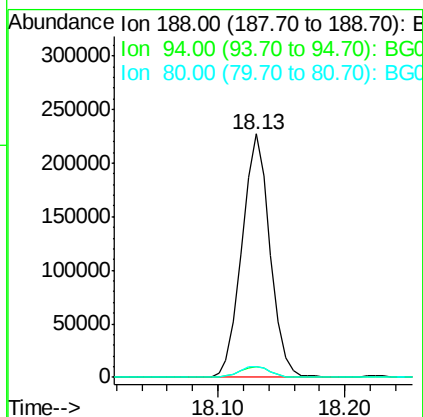
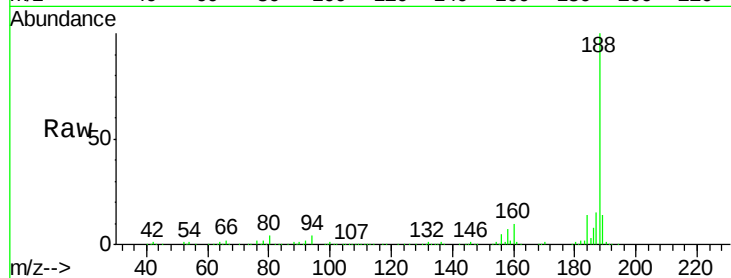




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

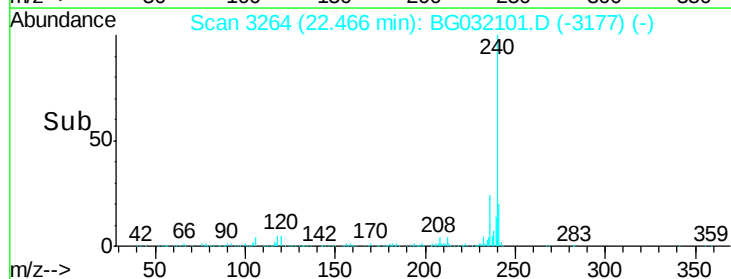
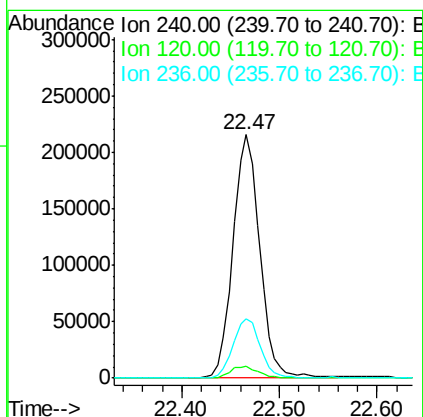
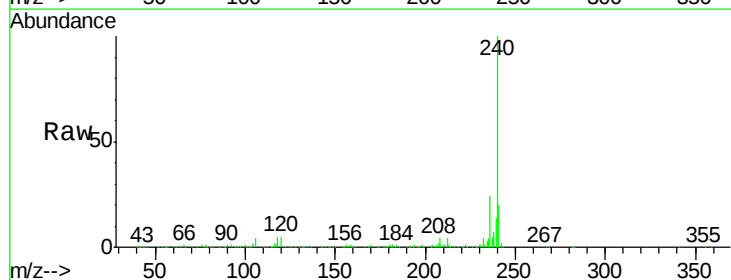
Instrument :
BNA_G
ClientSampleId :
G-2

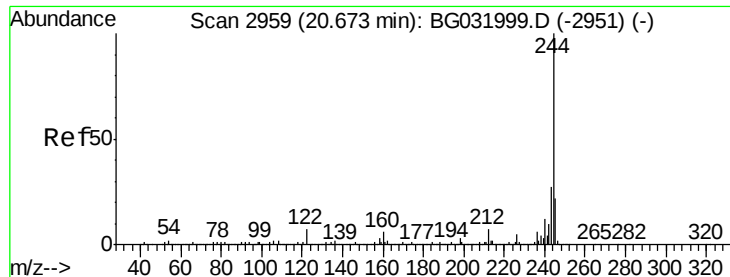
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.2	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032101.D
Acq: 17 Jan 2018 11:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	24.1	20.9	31.3





#78

Terphenyl-d14

Concen: 95.796 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032101.D

Acq: 17 Jan 2018 11:05

Instrument :

BNA_G

ClientSampleId :

G-2

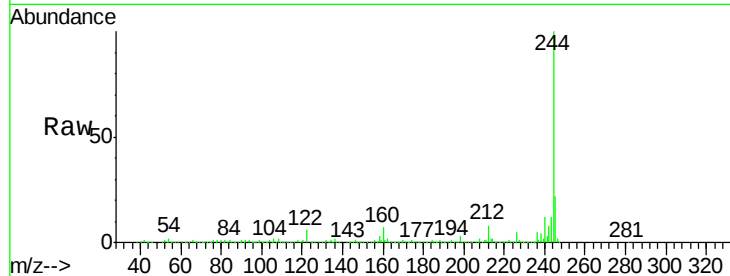
Tgt Ion:244 Resp: 1787045

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

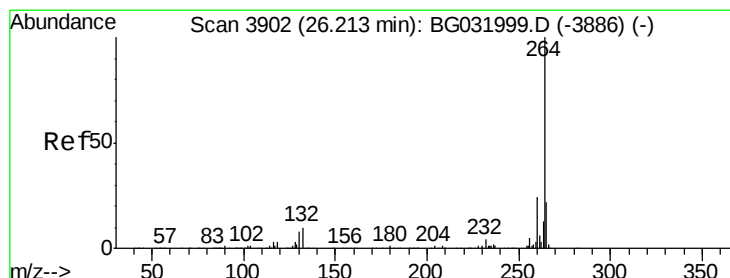
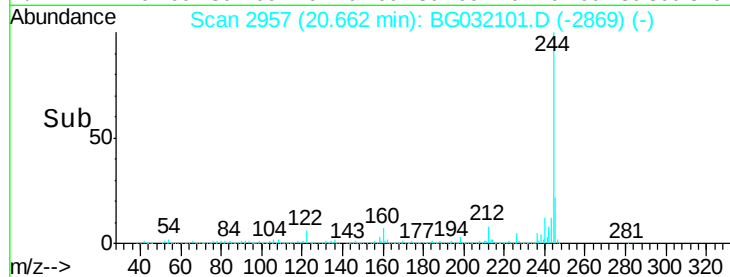
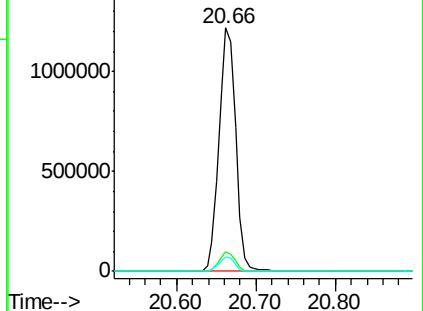
122 6.2 7.0 10.4#



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: 26.19 min Scan# 3897

Delta R.T. -0.03 min

Lab File: BG032101.D

Acq: 17 Jan 2018 11:05

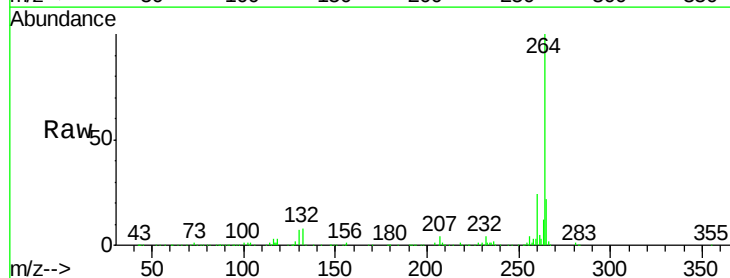
Tgt Ion:264 Resp: 411619

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 22.3 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

