

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032665.D
 Acq On : 13 Feb 2018 17:57
 Operator : SJ/JU
 Sample : J1517-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Feb 14 03:22:07 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	33476	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	143540	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	99332	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	269039	20.00	ng	0.00
75) Chrysene-d12	22.37	240	346949	20.00	ng	0.00
86) Perylene-d12	26.01	264	355478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	279852	167.73	ng	0.00
7) Phenol-d6	7.79	99	322584	141.39	ng	0.00
23) Nitrobenzene-d5	9.87	82	249867	110.63	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	231708	151.49	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	840039	105.76	ng	0.00
78) Terphenyl-d14	20.59	244	1670239	109.72	ng	0.00

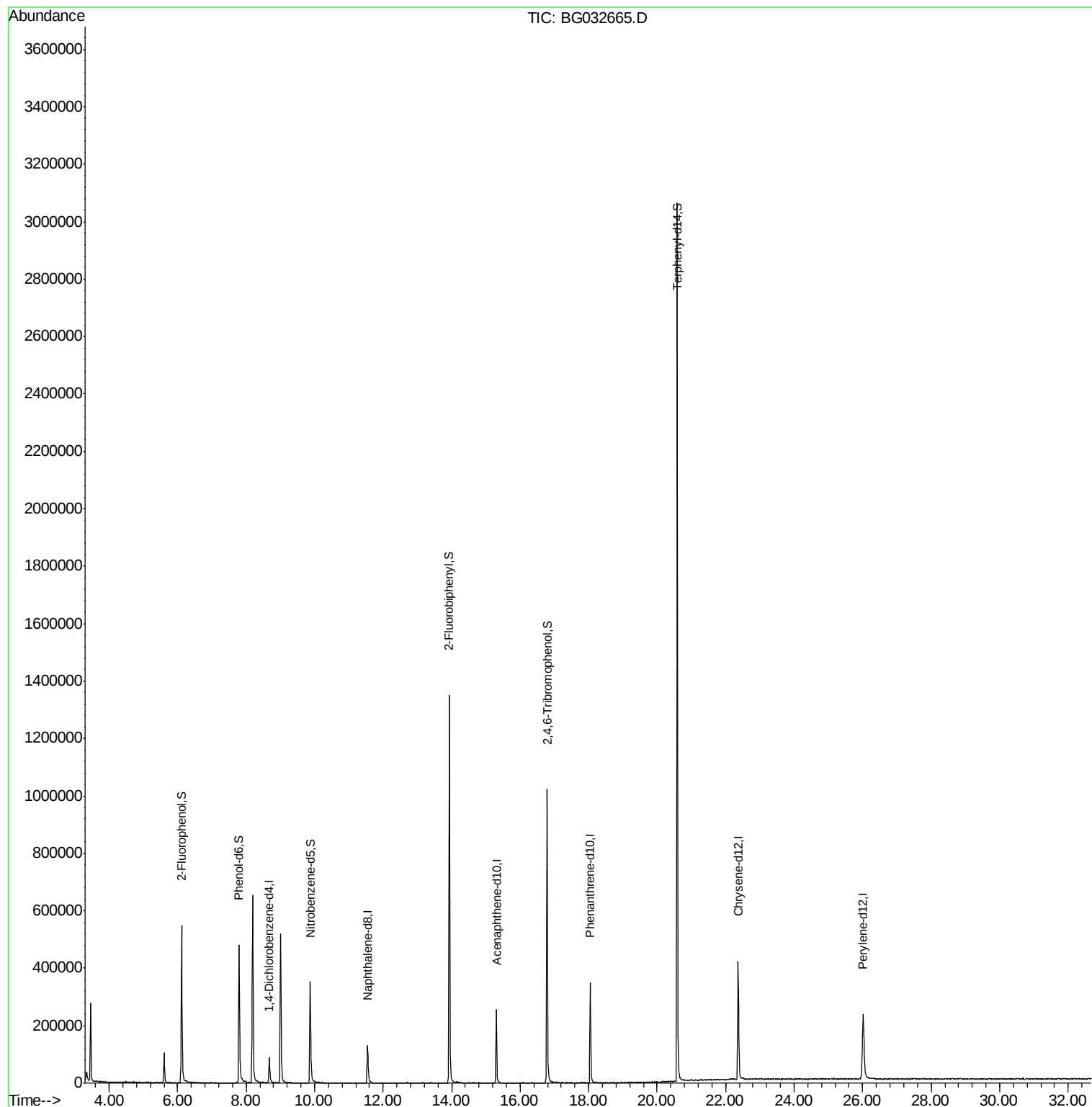
Target Compounds Qvalue

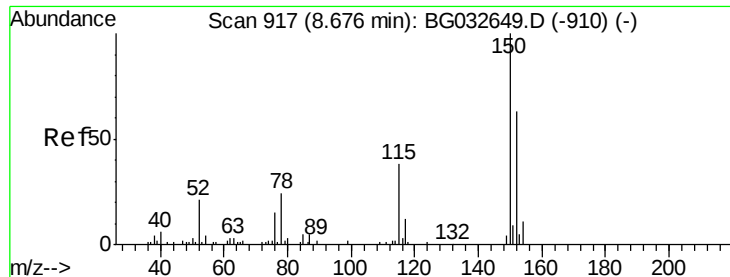
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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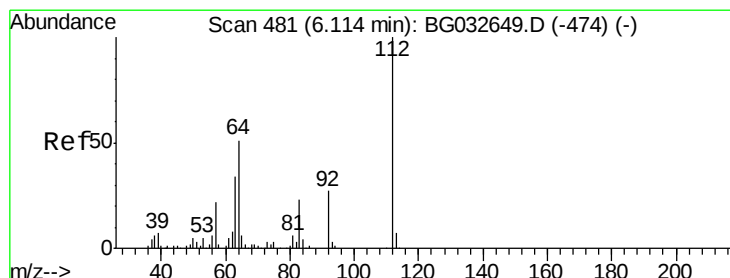
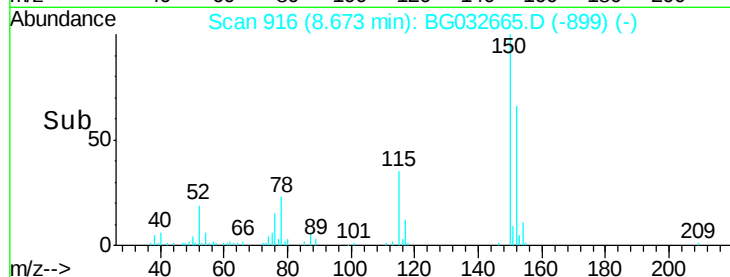
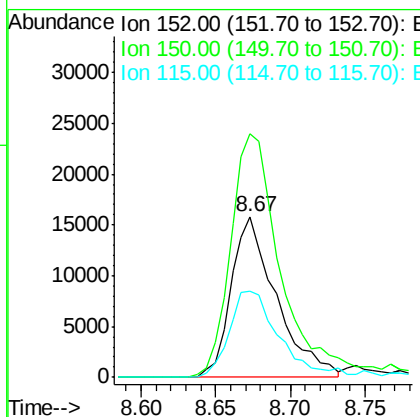
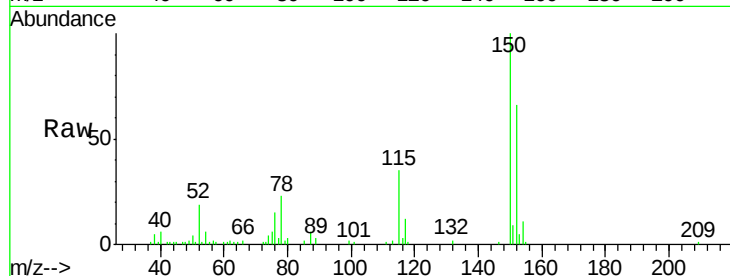


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

Instrument :
BNA_G
ClientSampleId :
TP-1

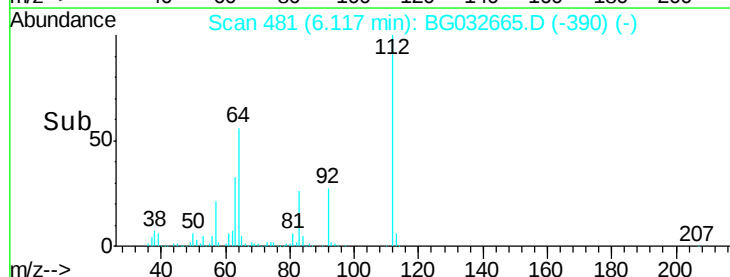
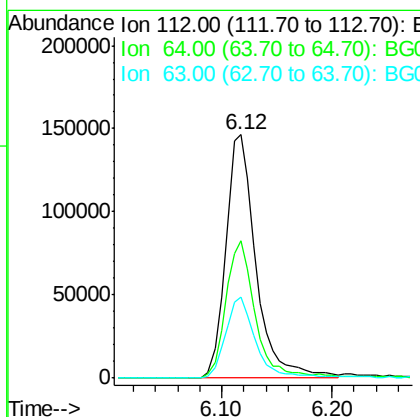
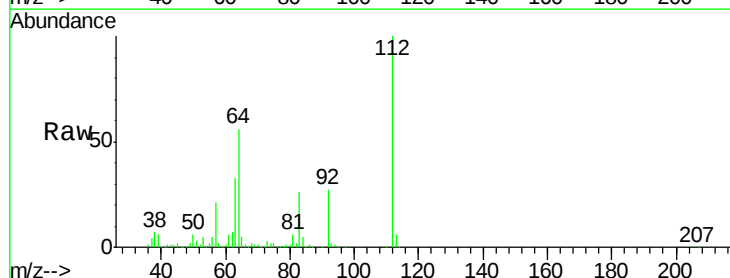
Tot Ion:152 Resp: 33476
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 53.9 53.0 79.4

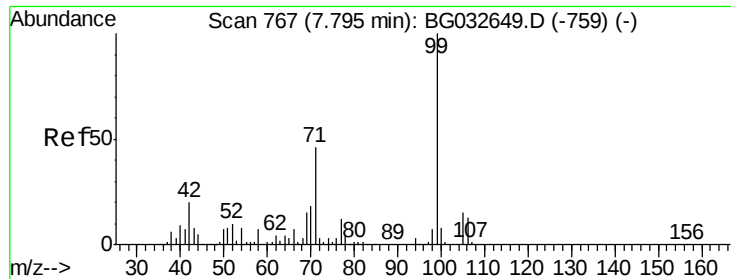


#5

2-Fluorophenol
Concen: 167.726 ng
RT: 6.12 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

Tgt Ion:112 Resp: 279852
Ion Ratio Lower Upper
112 100
64 56.2 56.3 84.5#
63 33.4 30.1 45.1





#7

Phenol-d6

Concen: 141.391 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032665.D

Acq: 13 Feb 2018 17:57

Instrument :

BNA_G

ClientSampleId :

TP-1

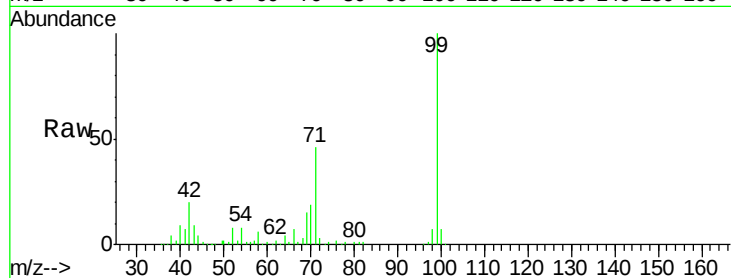
Tot Ion: 99 Resp: 322584

Ion Ratio Lower Upper

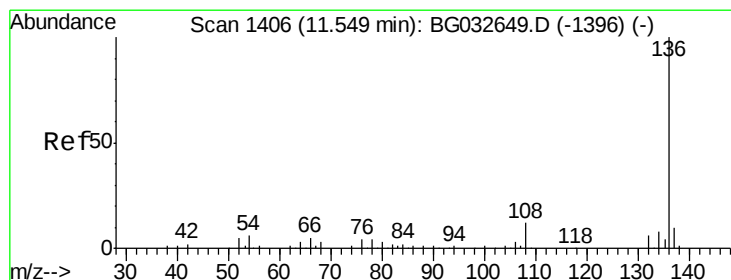
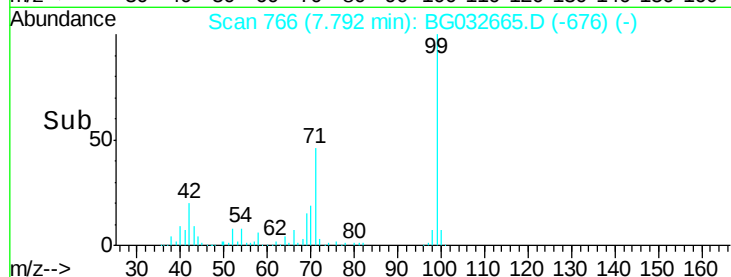
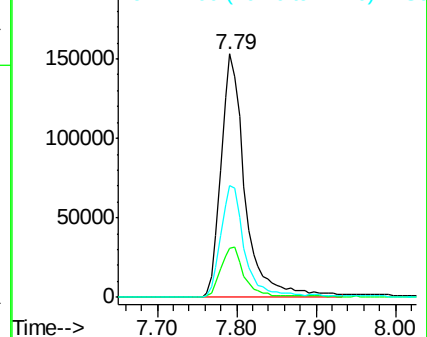
99 100

42 20.2 14.1 21.1

71 46.2 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# 1405

Delta R.T. -0.00 min

Lab File: BG032665.D

Acq: 13 Feb 2018 17:57

Tgt Ion: 136 Resp: 143540

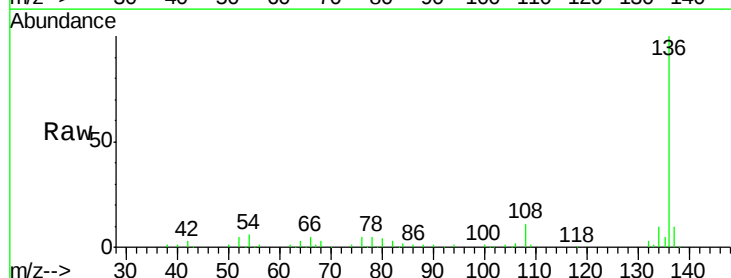
Ion Ratio Lower Upper

136 100

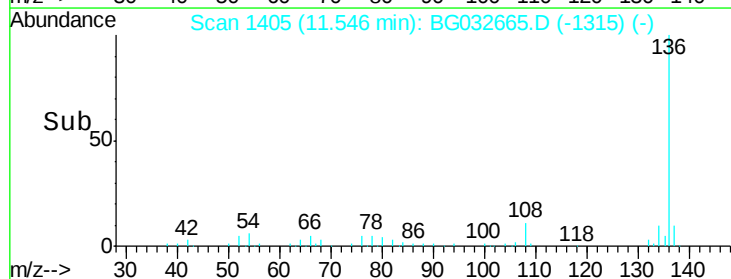
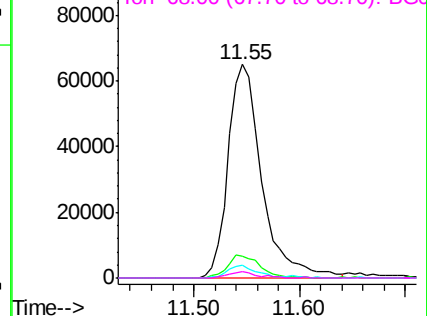
137 10.3 9.2 13.8

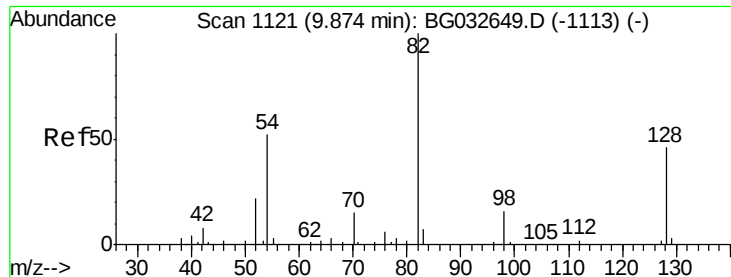
54 6.1 10.3 15.5#

68 2.9 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

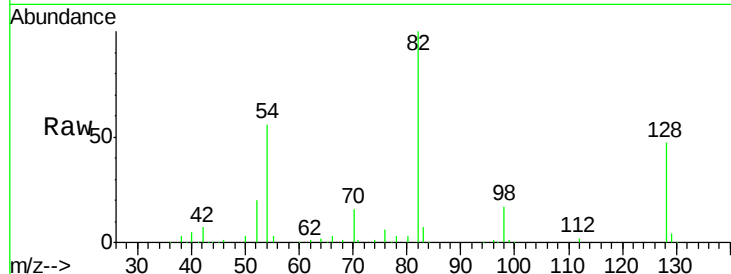




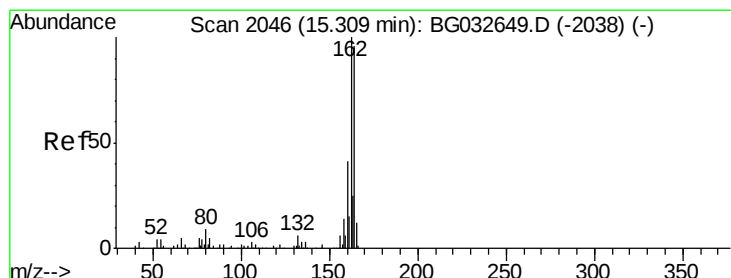
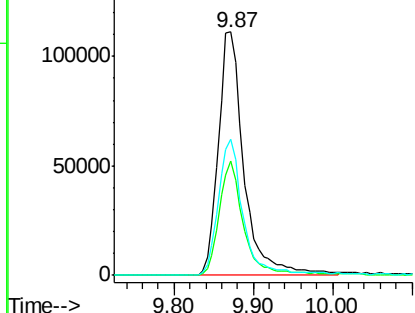
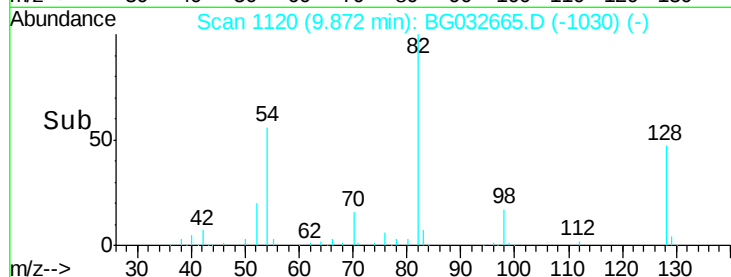
#23
Nitrobenzene-d5
Concen: 110.634 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	82	Resp	249867
Ion Ratio	Lower	Upper	
82	100		
128	46.8	29.7	44.5#
54	56.1	43.1	64.7

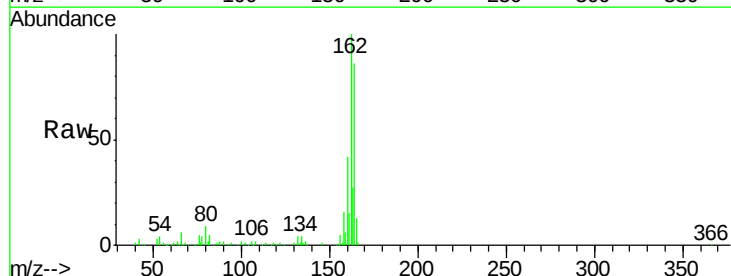


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

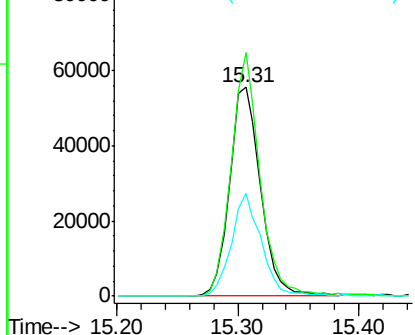
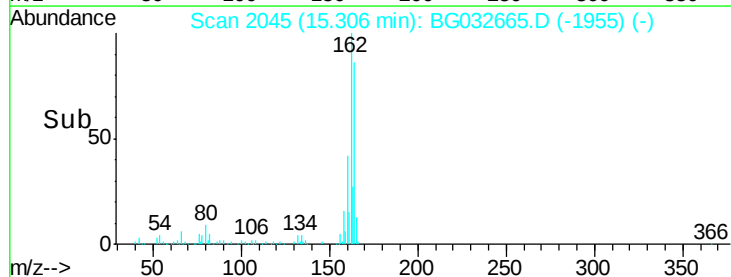


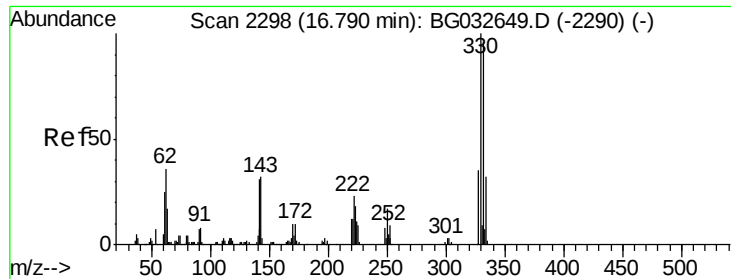
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

Tgt Ion	164	Resp	99332
Ion Ratio	Lower	Upper	
164	100		
162	116.7	78.8	118.2
160	49.3	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

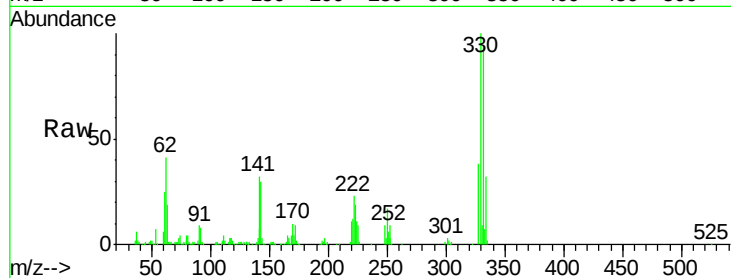




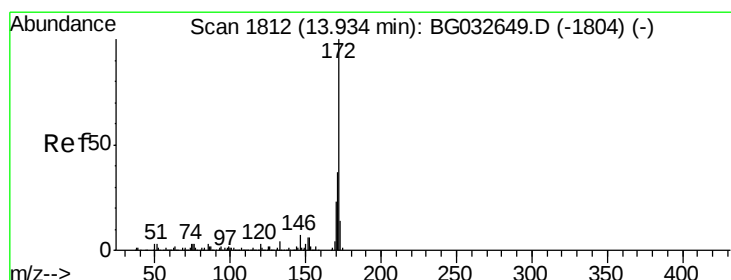
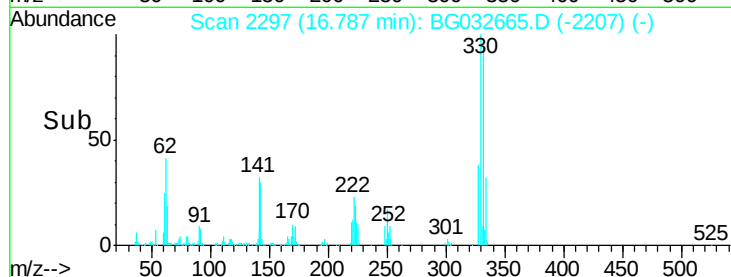
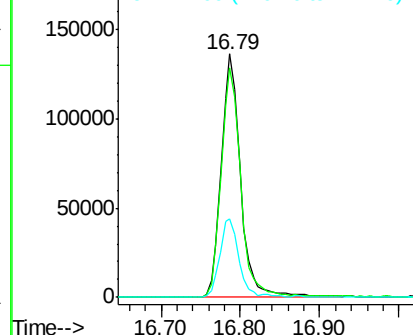
#41
2,4,6-Tribromophenol
Concen: 151.492 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:330 Resp: 231708
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 32.0 25.2 37.8

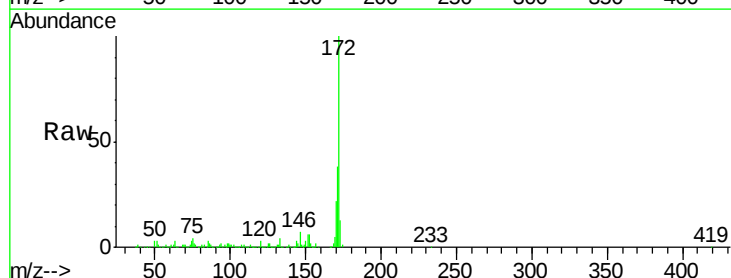


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

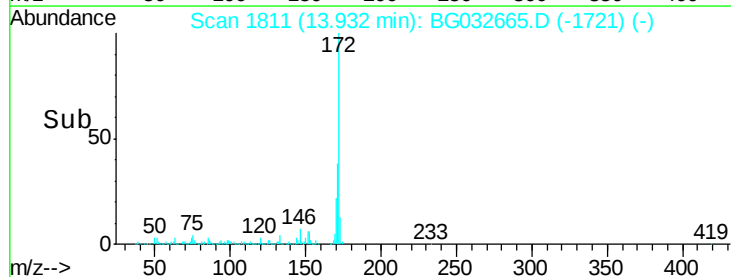
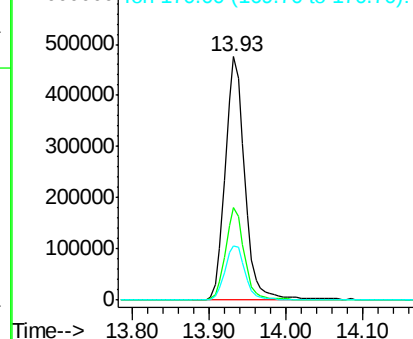


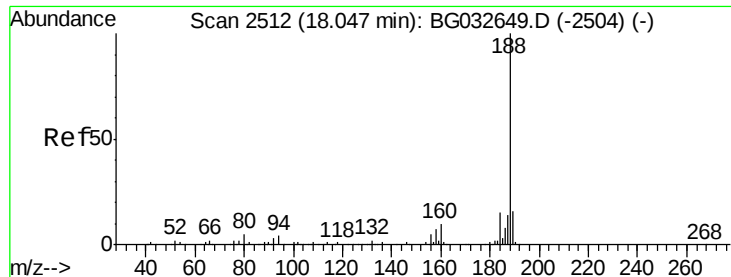
#44
2-Fluorobiphenyl
Concen: 105.756 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

Tgt Ion:172 Resp: 840039
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 22.5 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

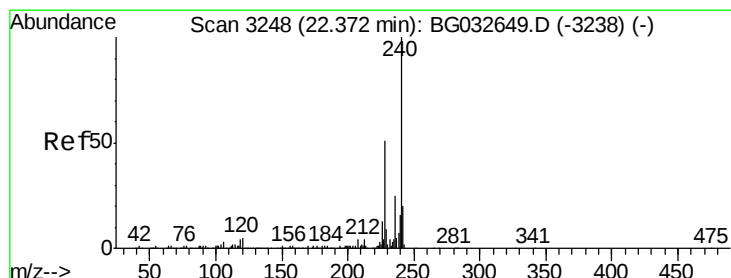
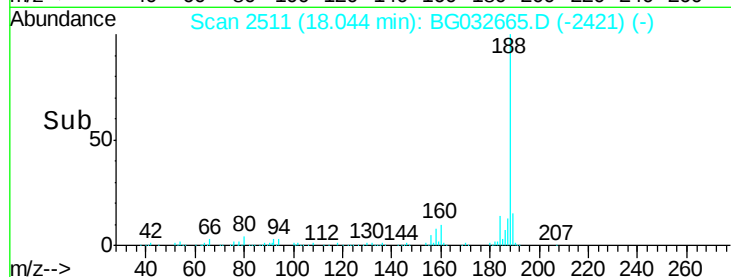
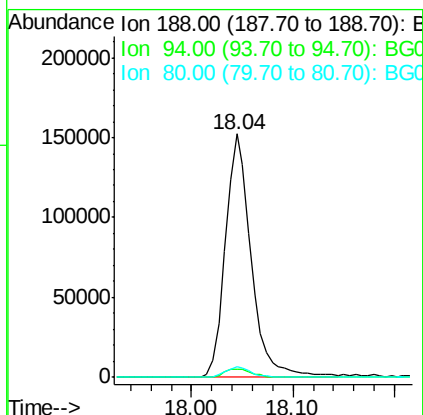
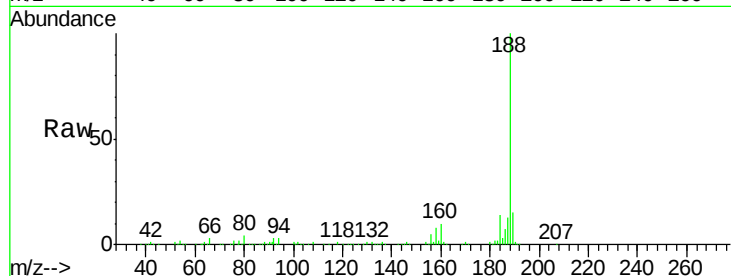




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.04 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

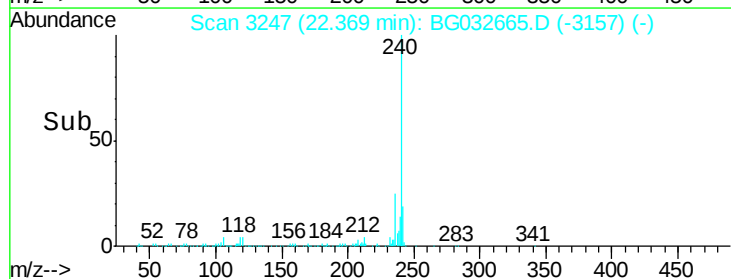
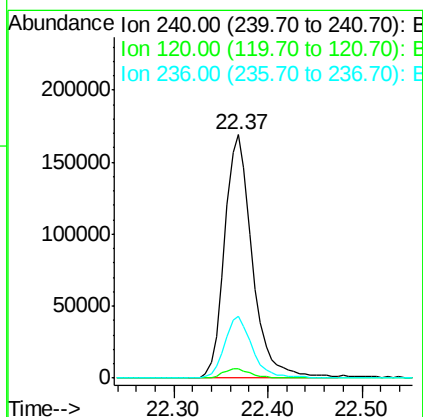
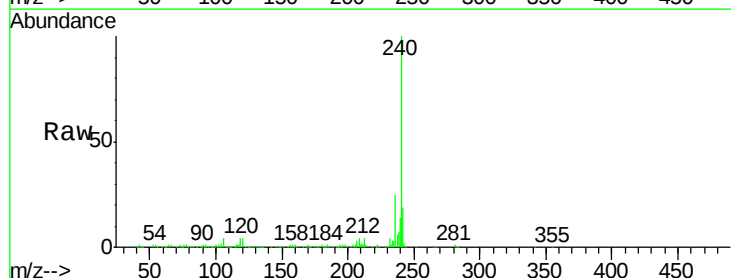
Instrument :
BNA_G
ClientSampleId :
TP-1

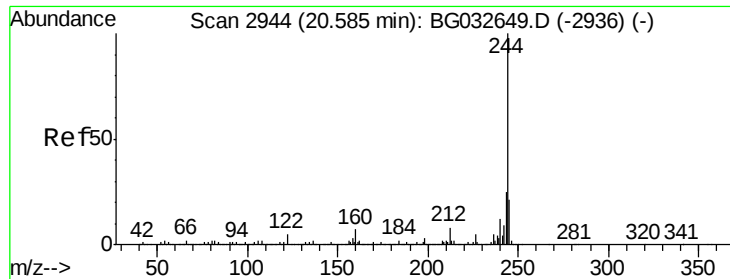
Tot Ion:188 Resp: 269039
Ion Ratio Lower Upper
188 100
94 3.4 6.9 10.3#
80 4.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG032665.D
Acq: 13 Feb 2018 17:57

Tgt Ion:240 Resp: 346949
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 109.723 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032665.D

Acq: 13 Feb 2018 17:57

Instrument :

BNA_G

ClientSampleId :

TP-1

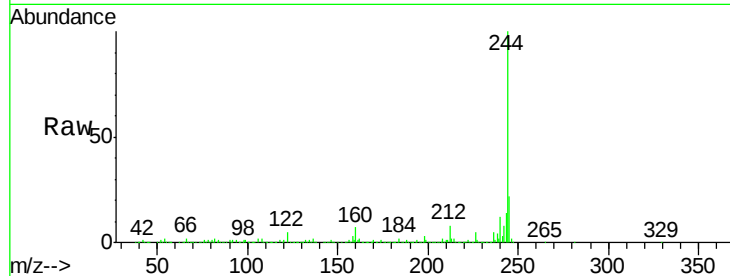
Tot Ion:244 Resp: 1670239

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

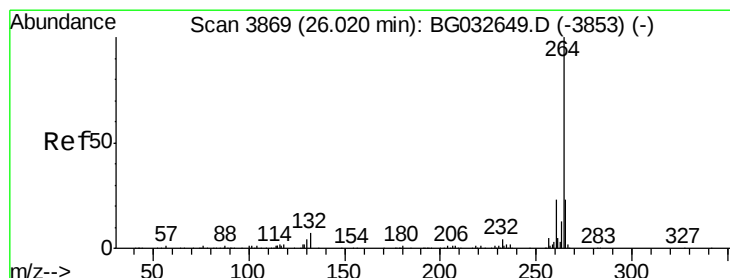
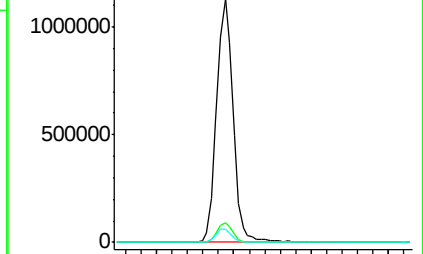
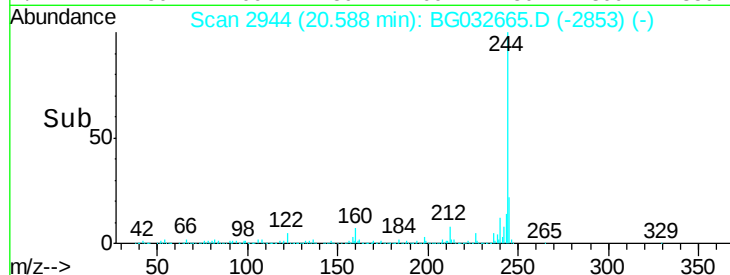
122 5.5 7.0 10.4#



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: 26.01 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BG032665.D

Acq: 13 Feb 2018 17:57

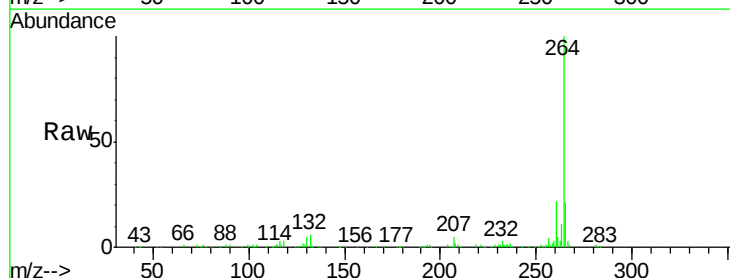
Tgt Ion:264 Resp: 355478

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 20.8 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

