

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030557.D
 Acq On : 29 Oct 2017 11:21
 Operator : SJ/JU
 Sample : I6092-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:59:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

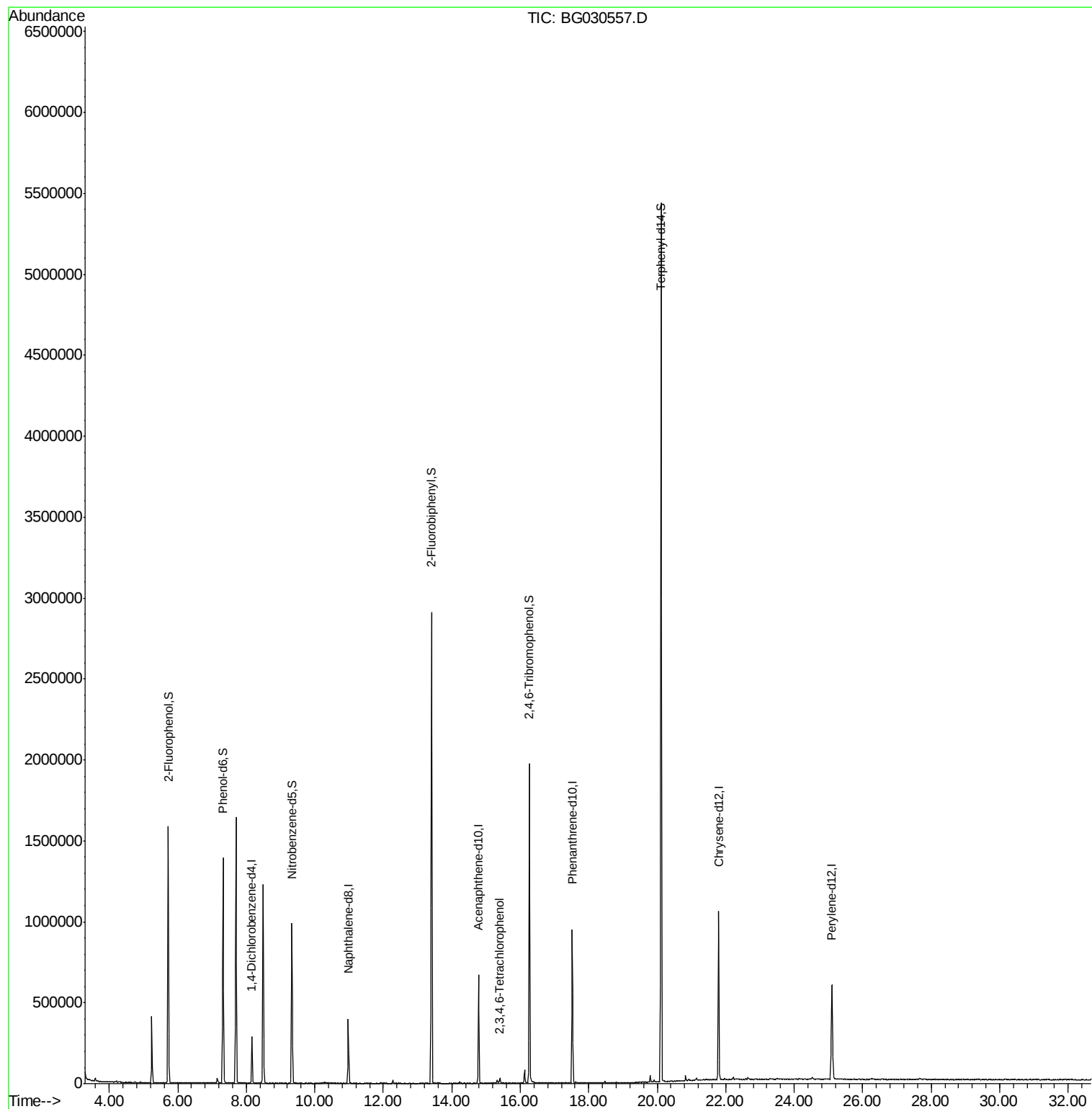
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	83952	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	363684	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	240122	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	592614	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	646304	20.00	ng	-0.01
86) Perylene-d12	25.10	264	643195	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	709296	141.14	ng	0.00
7) Phenol-d6	7.32	99	854542	121.14	ng	0.00
23) Nitrobenzene-d5	9.33	82	614475	107.37	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	425892	137.37	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1585449	96.84	ng	0.00
78) Terphenyl-d14	20.11	244	2477230	87.20	ng	-0.01
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.40	232	10897	2.311	ng	Qvalue # 97

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

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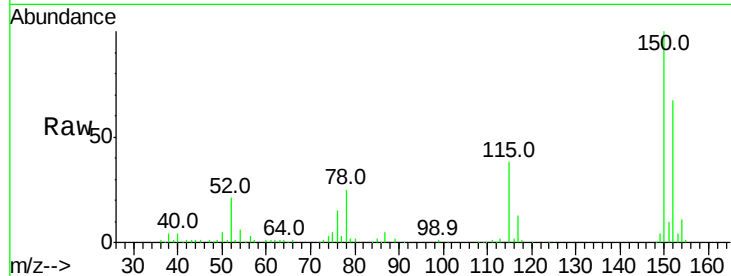


#1

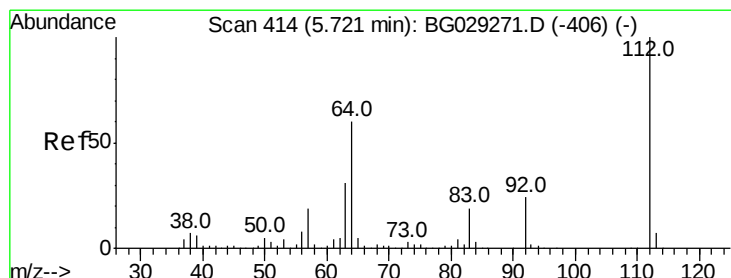
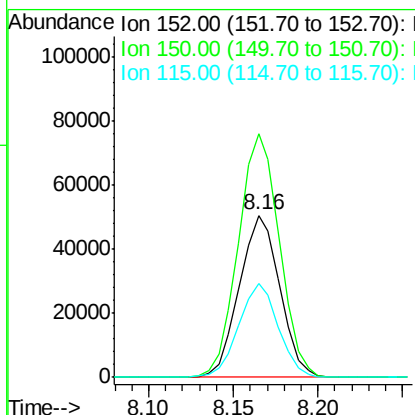
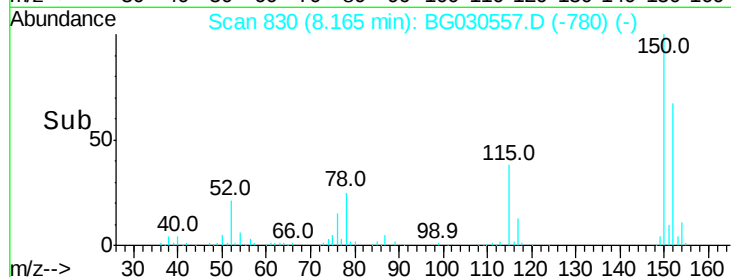
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030557.D
Acq: 29 Oct 2017 11:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 83952
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 57.7 53.0 79.4



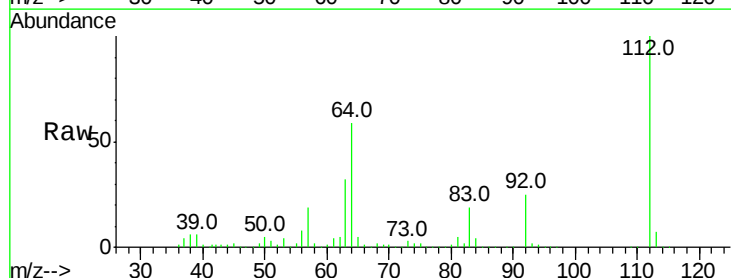
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



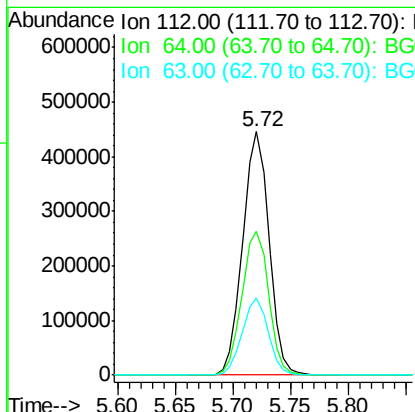
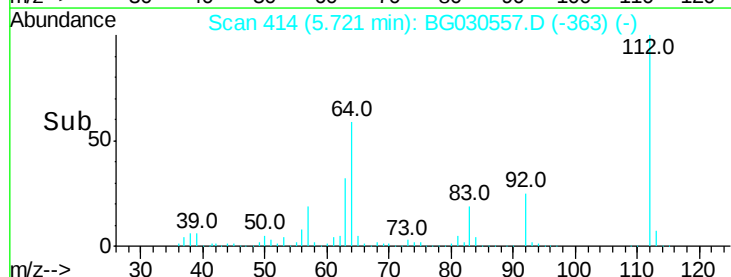
#5

2-Fluorophenol
Concen: 141.142 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030557.D
Acq: 29 Oct 2017 11:21

Tgt Ion:112 Resp: 709296
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 31.9 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: 121.144 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030557.D

Acq: 29 Oct 2017 11:21

Instrument :

BNA_G

ClientSampleId :

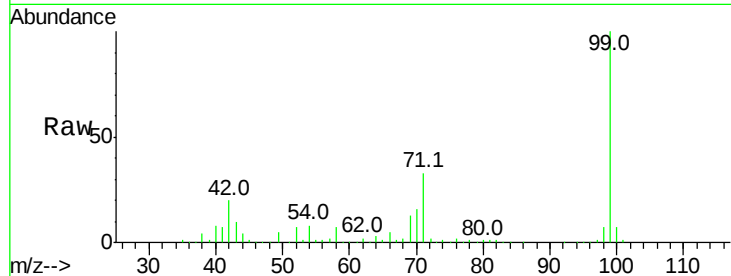
Tot Ion: 99 Resp: 854542

Ion Ratio Lower Upper

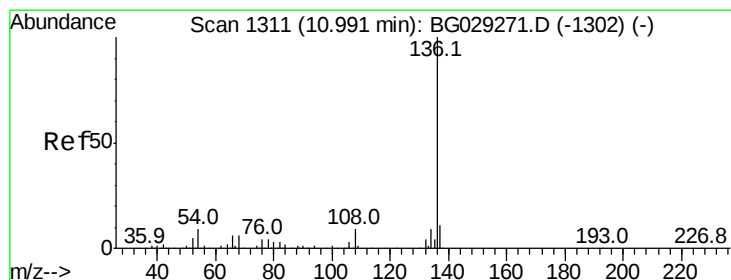
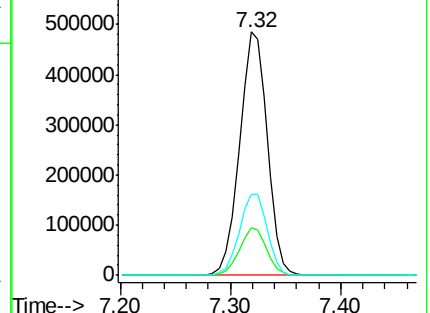
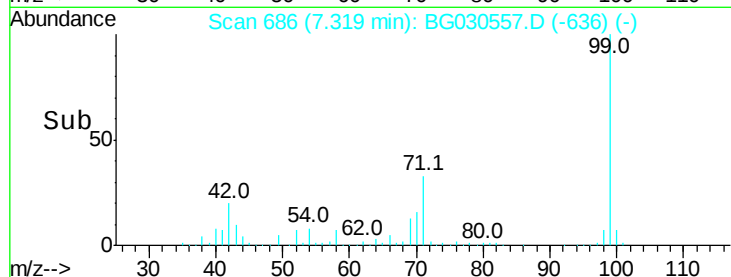
99 100

42 19.7 14.1 21.1

71 33.2 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030557.D

Acq: 29 Oct 2017 11:21

Tgt Ion: 136 Resp: 363684

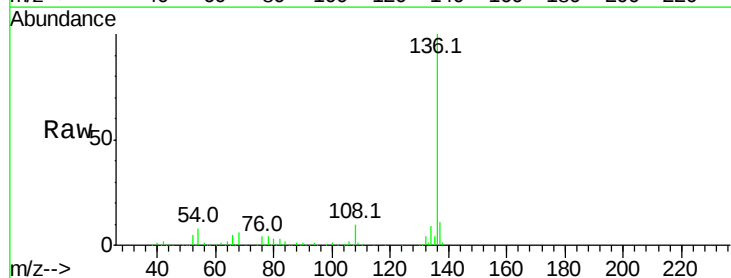
Ion Ratio Lower Upper

136 100

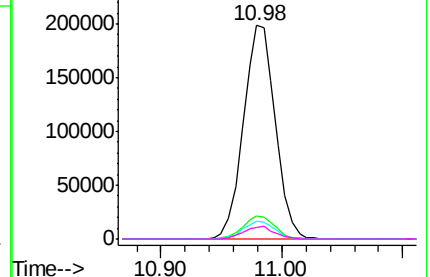
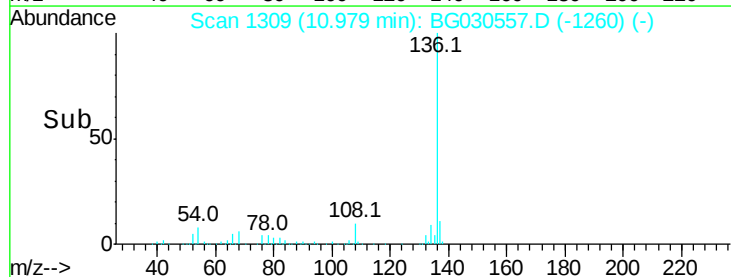
137 11.0 9.2 13.8

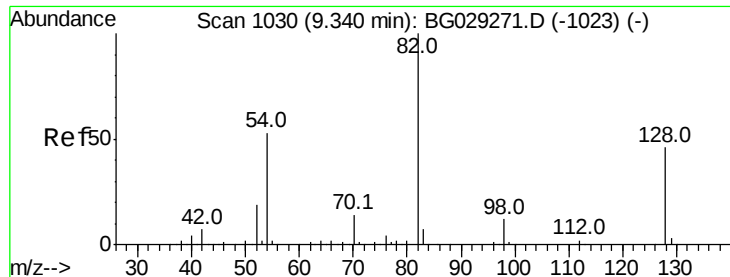
54 8.2 10.3 15.5#

68 5.5 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: 107.368 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG030557.D

Acq: 29 Oct 2017 11:21

Instrument :

BNA_G

ClientSampled :

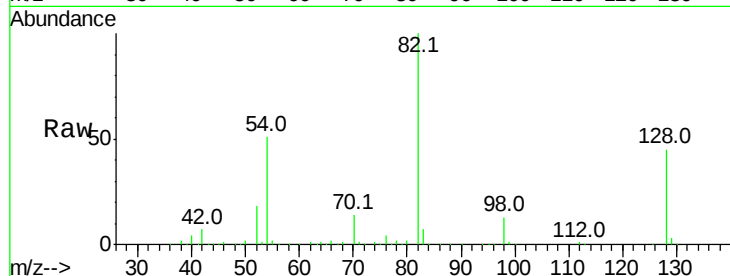
Tot Ion: 82 Resp: 614475

Ion Ratio Lower Upper

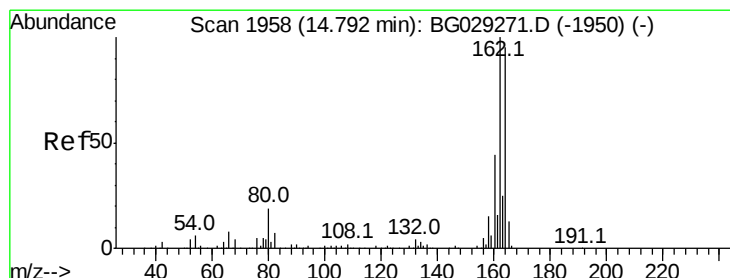
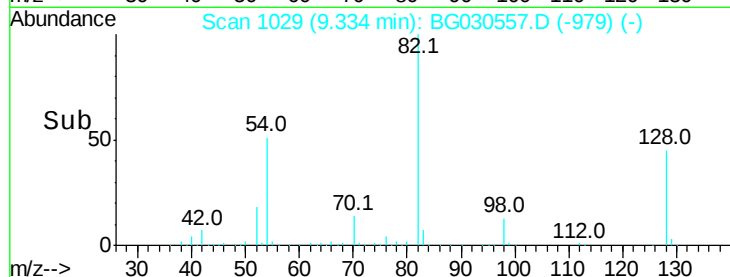
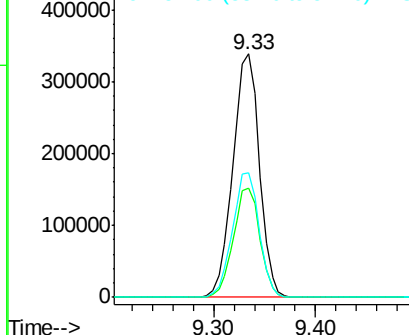
82 100

128 45.0 29.7 44.5#

54 51.2 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: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030557.D

Acq: 29 Oct 2017 11:21

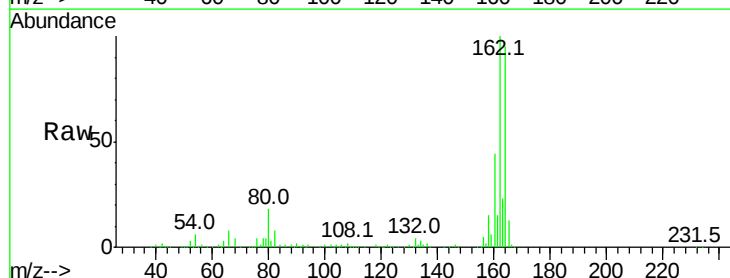
Tgt Ion:164 Resp: 240122

Ion Ratio Lower Upper

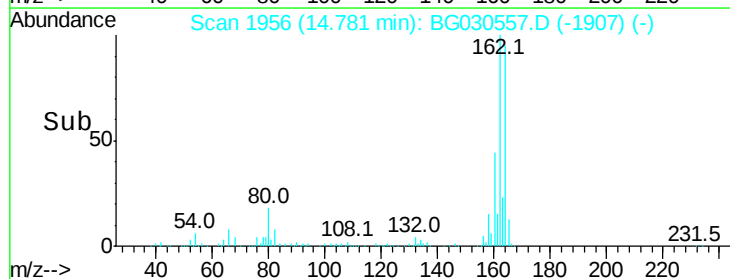
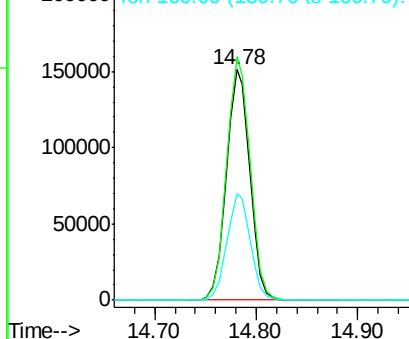
164 100

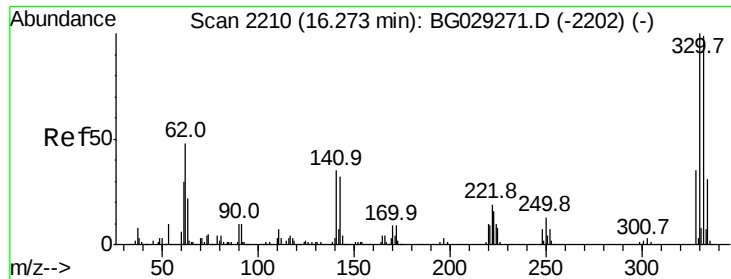
162 105.8 78.8 118.2

160 46.2 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

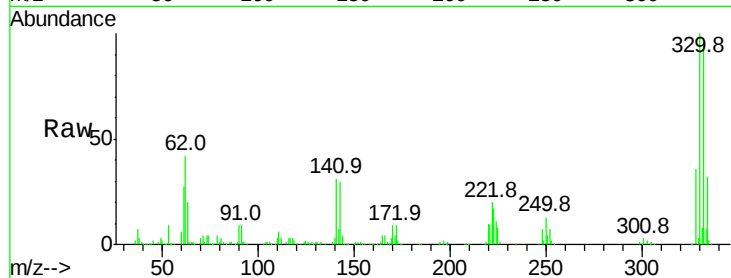




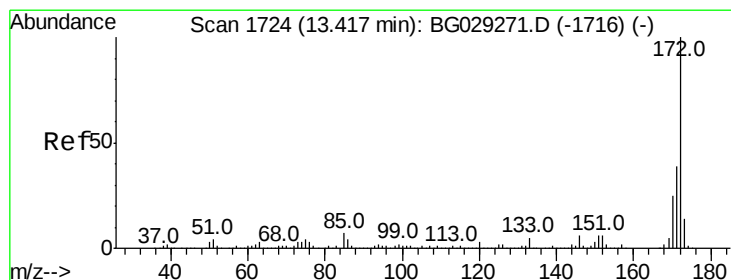
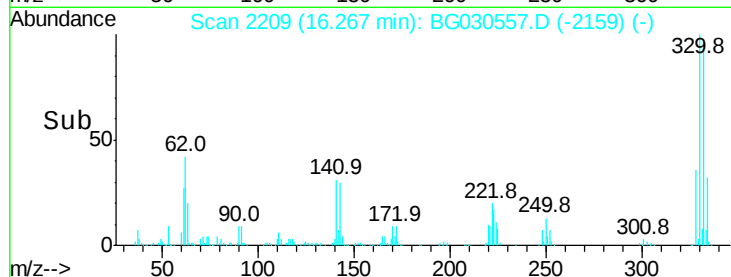
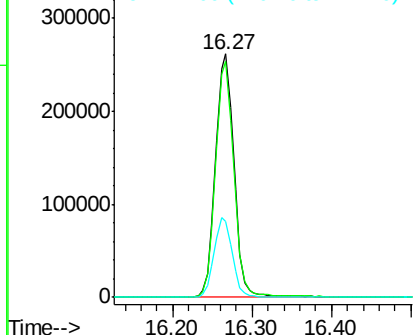
#41
 2,4,6-Tribromophenol
 Concen: 137.375 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030557.D
 Acq: 29 Oct 2017 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.2	25.2	37.8

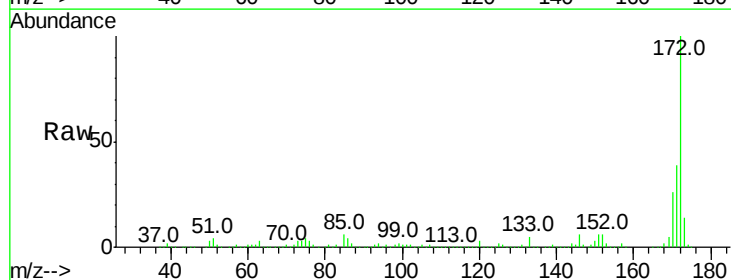


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

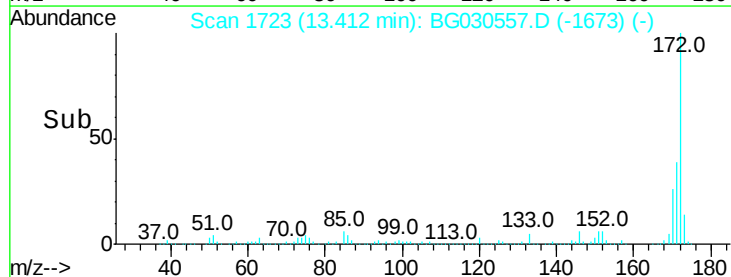
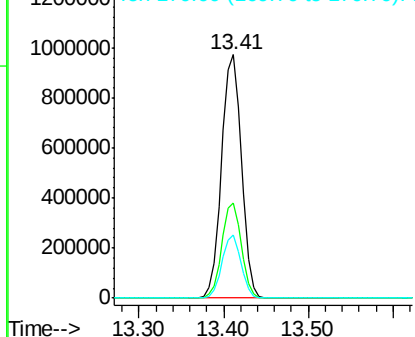


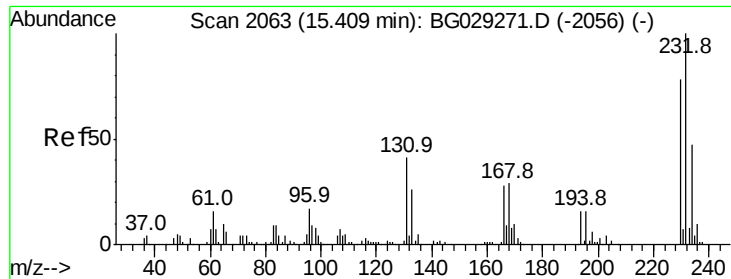
#44
 2-Fluorobiphenyl
 Concen: 96.839 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030557.D
 Acq: 29 Oct 2017 11:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	26.0	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

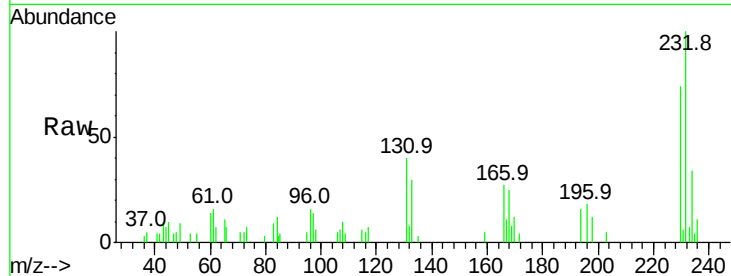




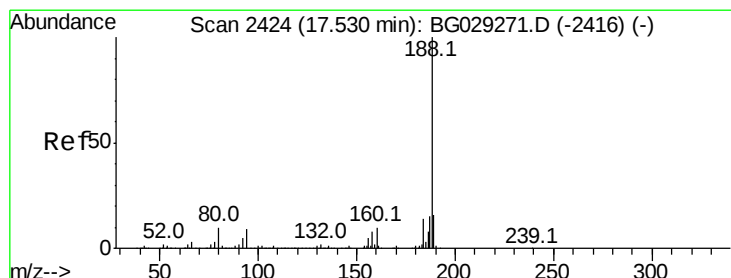
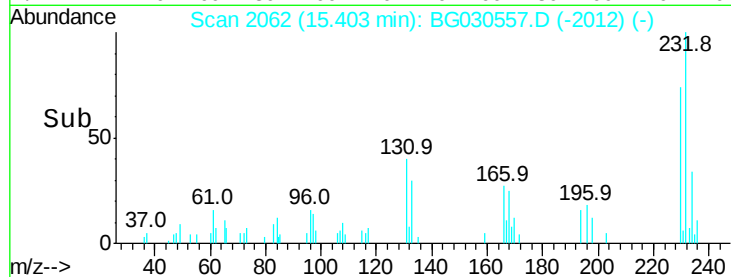
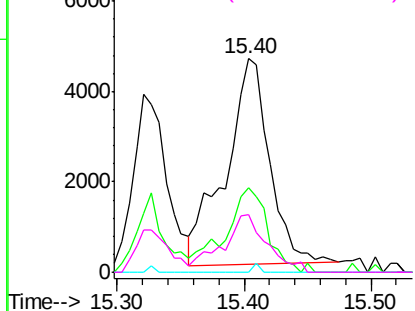
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.311 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG030557.D
 Acq: 29 Oct 2017 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 10897
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.5 50.3
 130 0.6 2.2 3.2#
 166 28.5 24.8 37.2

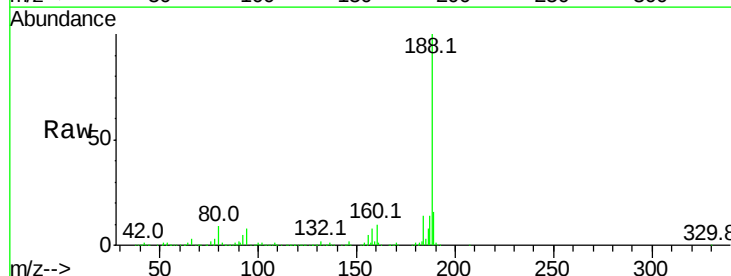


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

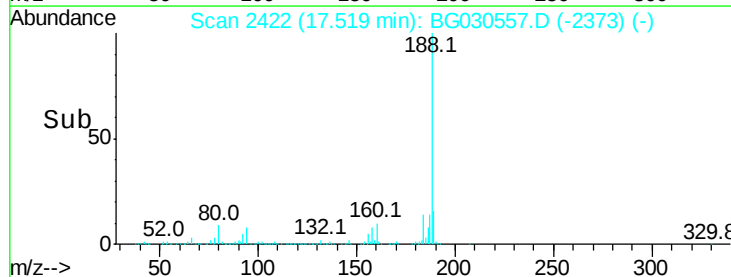
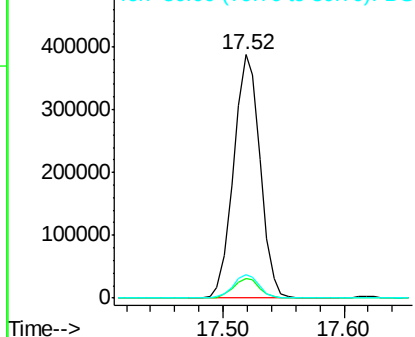


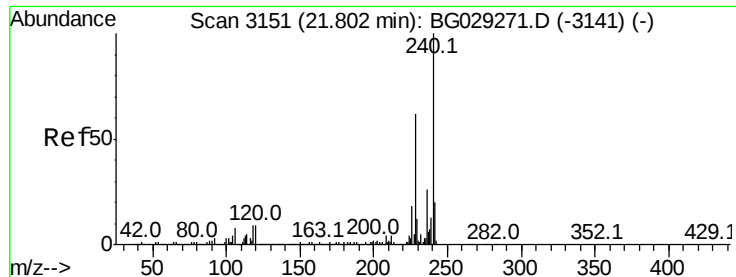
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030557.D
 Acq: 29 Oct 2017 11:21

Tgt Ion:188 Resp: 592614
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.9 10.3
 80 9.4 7.7 11.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030557.D

Acq: 29 Oct 2017 11:21

Instrument :

BNA_G

ClientSampleId :

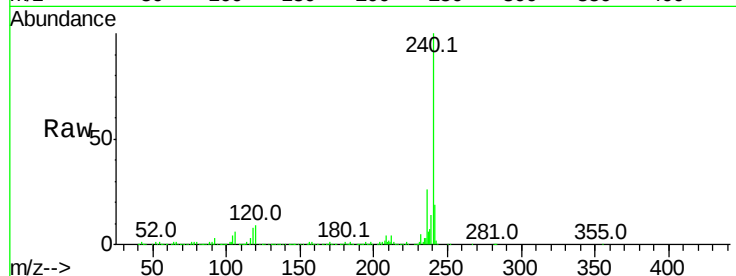
Tot Ion:240 Resp: 646304

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

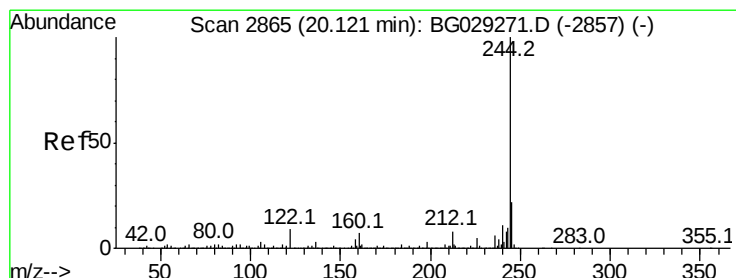
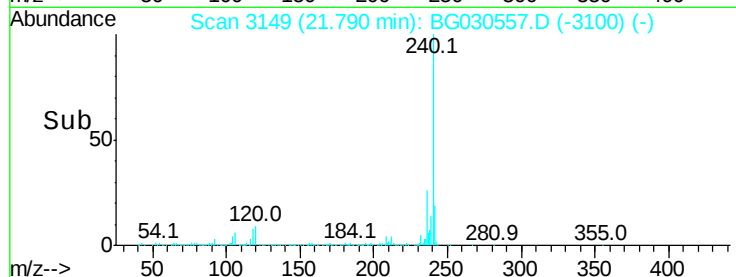
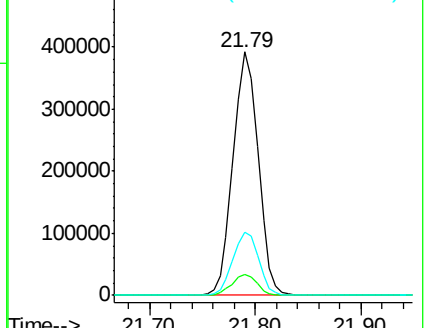
236 26.0 20.9 31.3



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: 87.196 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030557.D

Acq: 29 Oct 2017 11:21

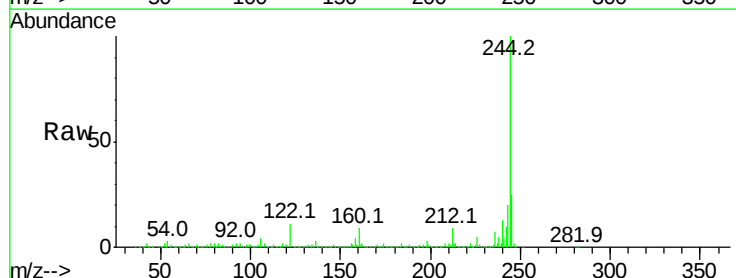
Tgt Ion:244 Resp: 2477230

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

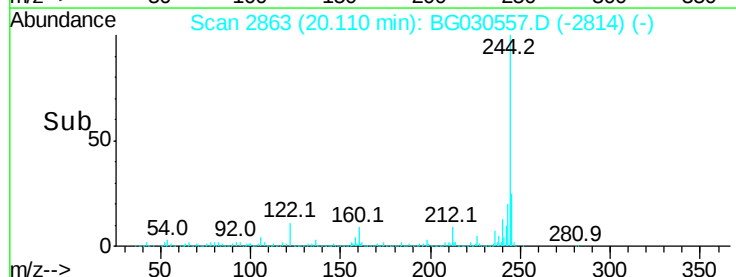
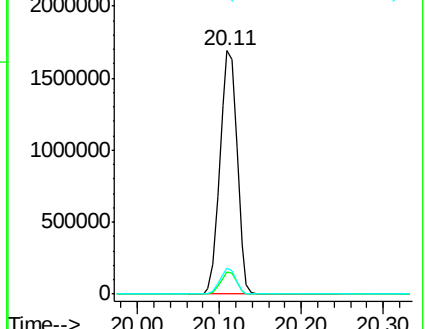
122 10.8 7.0 10.4#

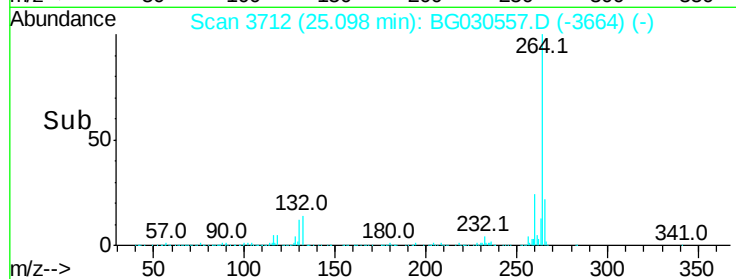
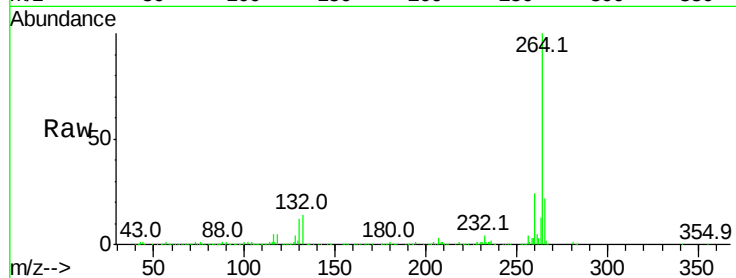
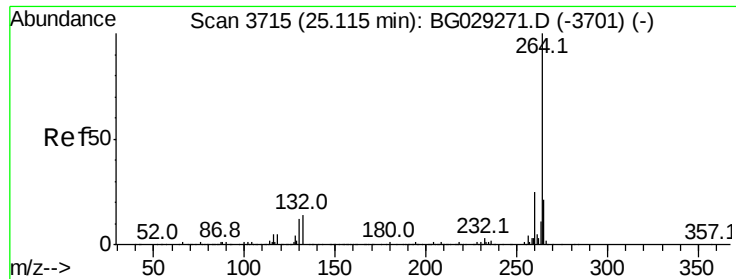


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG030557.D
 Acq: 29 Oct 2017 11:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5

