

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031157.D
 Acq On : 21 Nov 2017 16:56
 Operator : SJ/JU
 Sample : I6501-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Quant Time: Nov 22 02:12:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	50750	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	232778	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	158721	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	418563	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	511024	20.00	ng	-0.01
86) Perylene-d12	25.07	264	487766	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	221129	74.72	ng	-0.01
7) Phenol-d6	7.30	99	187963	47.14	ng	0.00
23) Nitrobenzene-d5	9.30	82	363203	92.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	311062	121.15	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1083755	98.11	ng	-0.02
78) Terphenyl-d14	20.09	244	2062697	89.13	ng	0.00

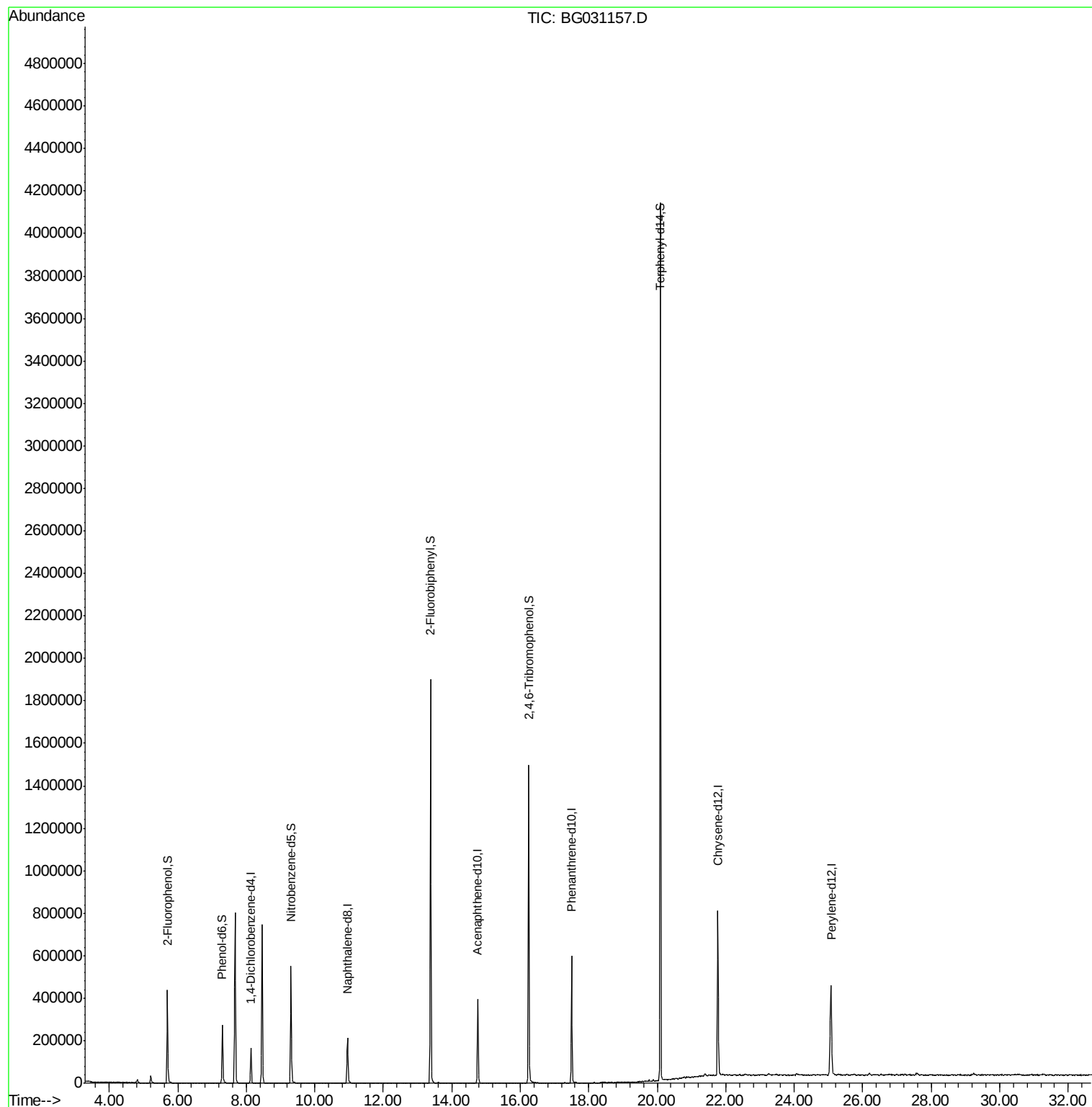
Target Compounds Qvalue

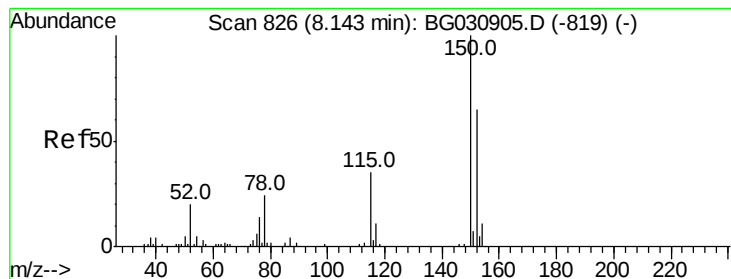
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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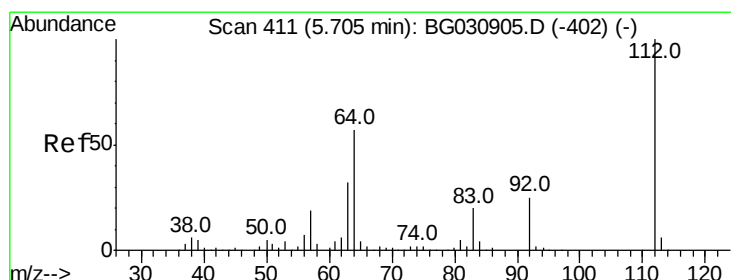
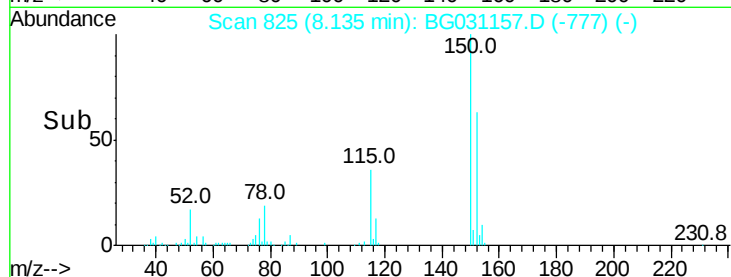
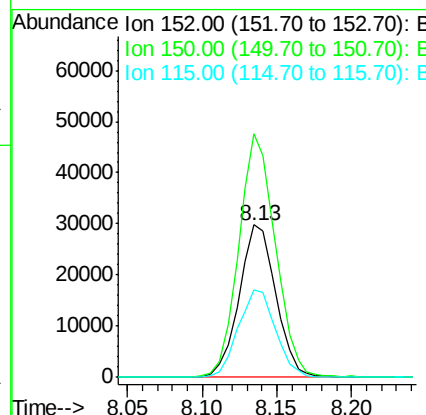
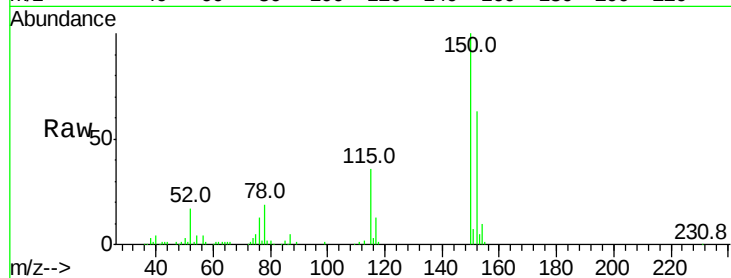


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031157.D
Acq: 21 Nov 2017 16:56

Instrument :
BNA_G
ClientSampleId :
MW-25

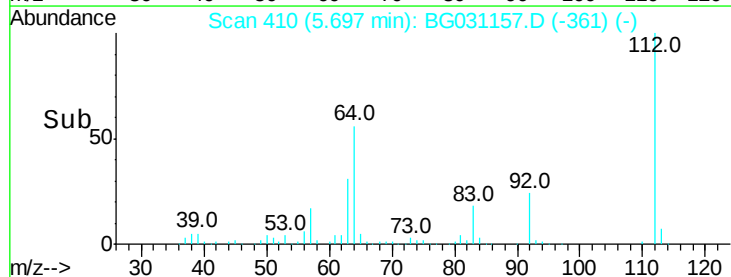
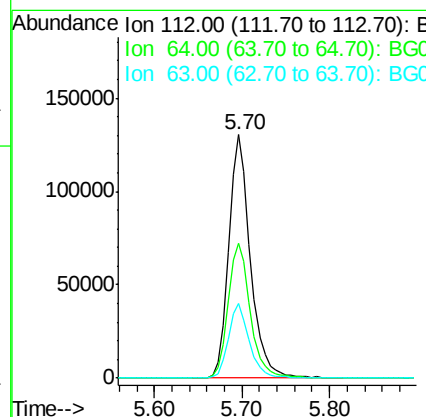
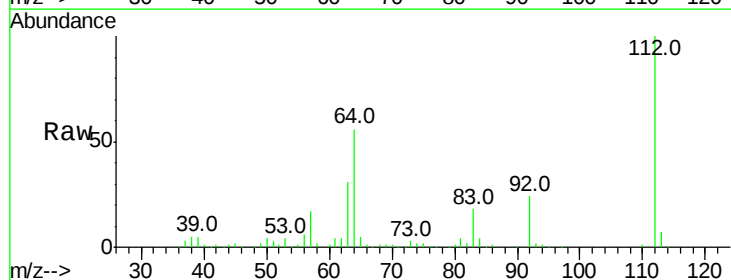
Tot Ion:152 Resp: 50750
Ion Ratio Lower Upper
152 100
150 160.0 126.6 189.8
115 57.4 53.0 79.4

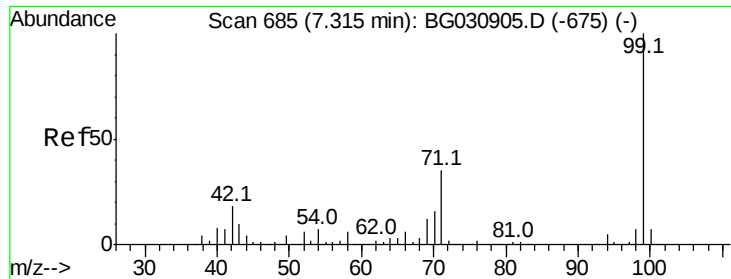


#5

2-Fluorophenol
Concen: 74.716 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031157.D
Acq: 21 Nov 2017 16:56

Tgt Ion:112 Resp: 221129
Ion Ratio Lower Upper
112 100
64 55.5 56.3 84.5#
63 30.6 30.1 45.1





#7

Phenol-d6

Concen: 47.141 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031157.D

Acq: 21 Nov 2017 16:56

Instrument :

BNA_G

ClientSampleId :

MW-25

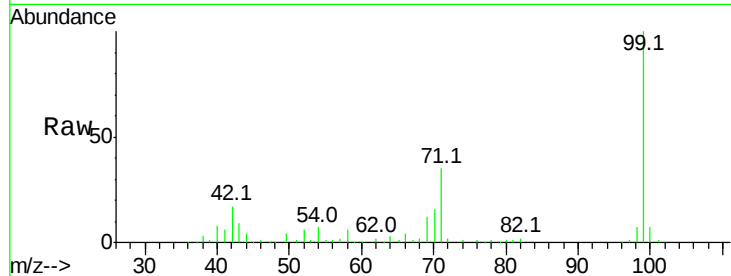
Tot Ion: 99 Resp: 187963

Ion Ratio Lower Upper

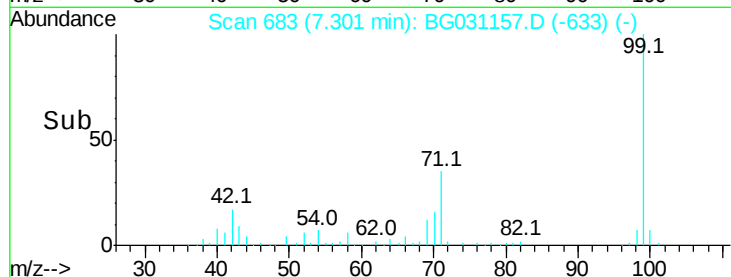
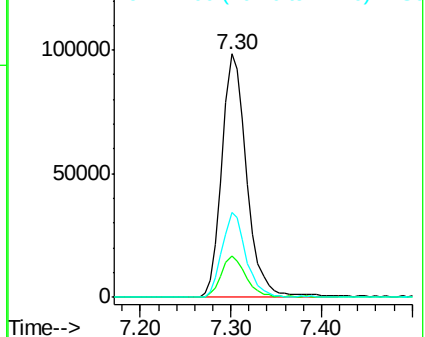
99 100

42 17.2 14.1 21.1

71 34.8 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031157.D

Acq: 21 Nov 2017 16:56

Tgt Ion: 136 Resp: 232778

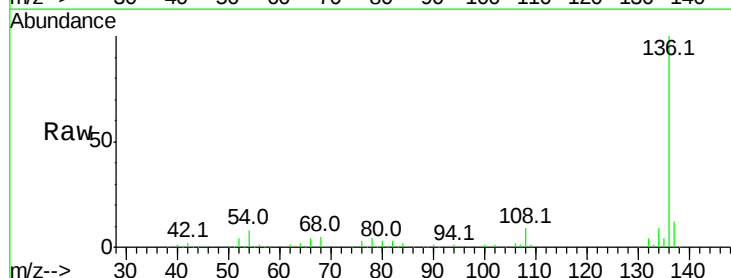
Ion Ratio Lower Upper

136 100

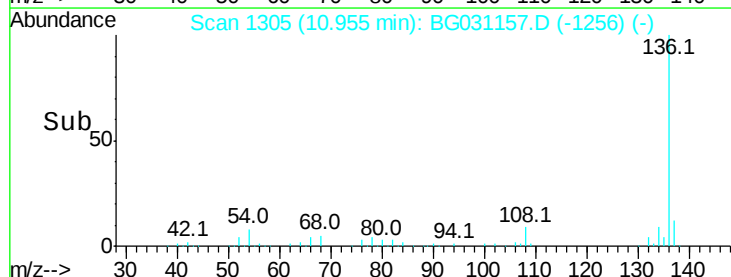
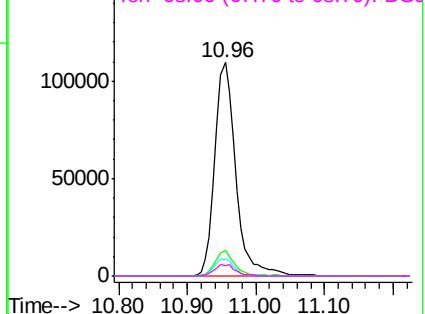
137 11.7 9.2 13.8

54 7.5 10.3 15.5#

68 5.0 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

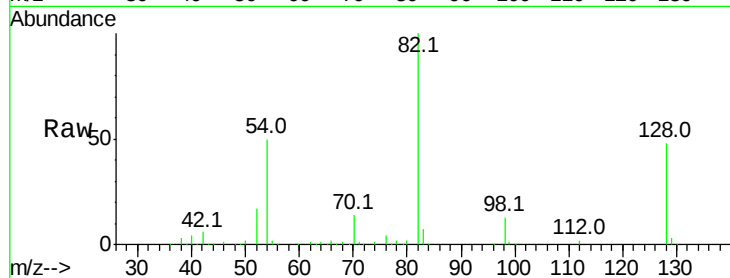




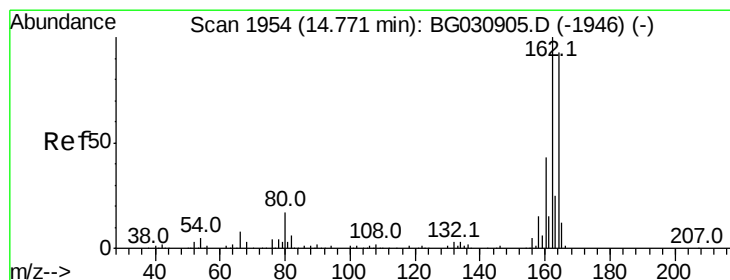
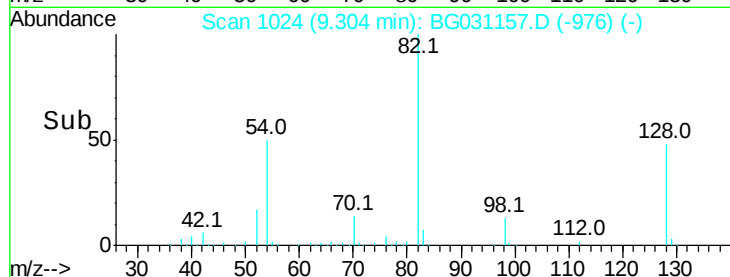
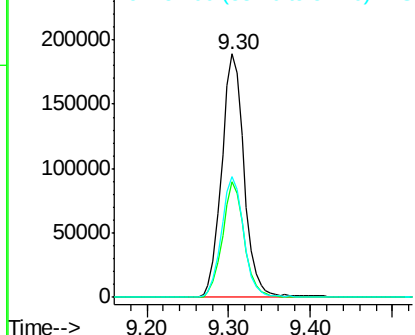
#23
Nitrobenzene-d5
Concen: 92.457 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031157.D
Acq: 21 Nov 2017 16:56

Instrument :
BNA_G
ClientSampleId :
MW-25

Tot Ion: 82 Resp: 363203
Ion Ratio Lower Upper
82 100
128 47.6 29.7 44.5#
54 49.6 43.1 64.7

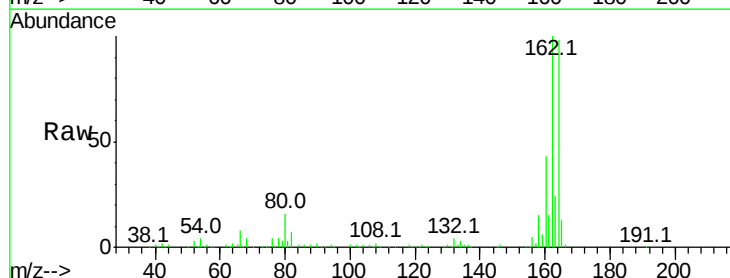


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

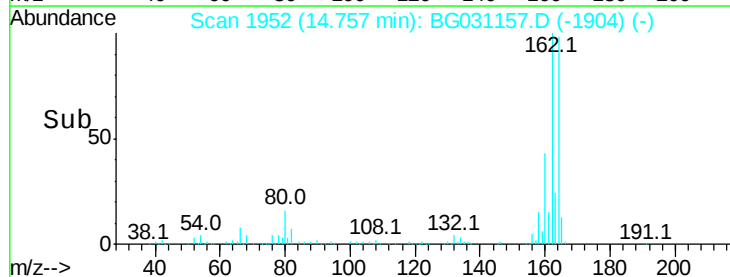
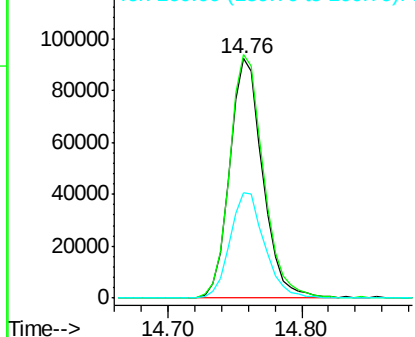


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031157.D
Acq: 21 Nov 2017 16:56

Tgt Ion:164 Resp: 158721
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 43.7 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

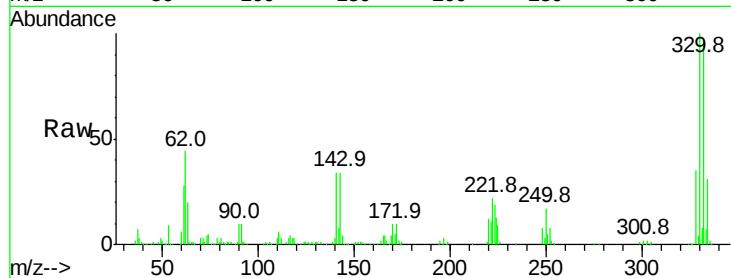




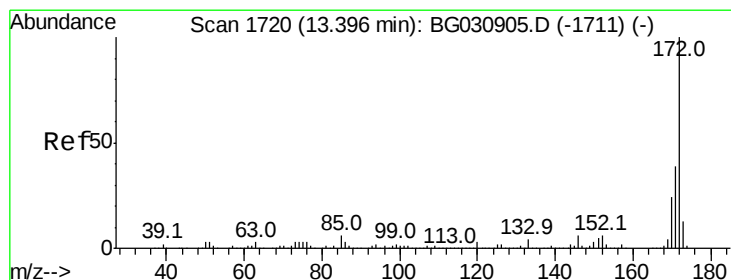
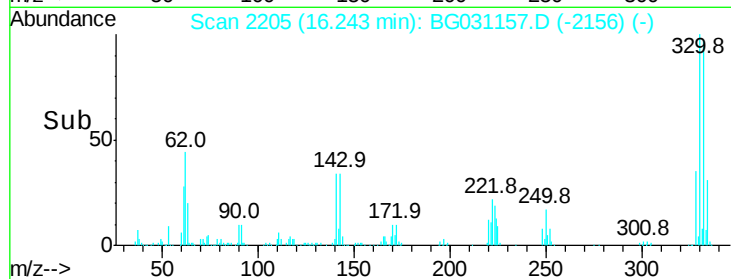
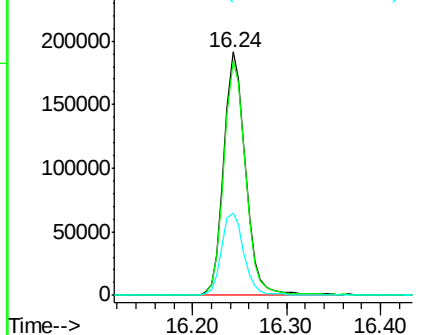
#41
 2,4,6-Tribromophenol
 Concen: 121.149 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031157.D
 Acq: 21 Nov 2017 16:56

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.9	25.2	37.8

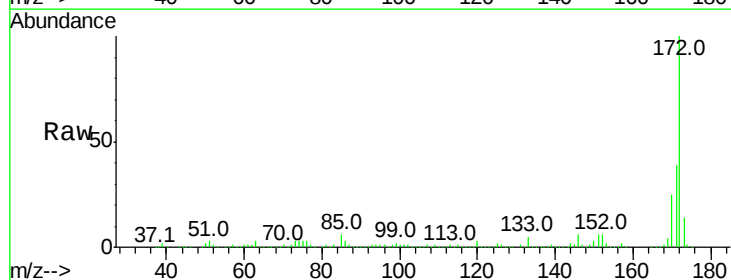


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

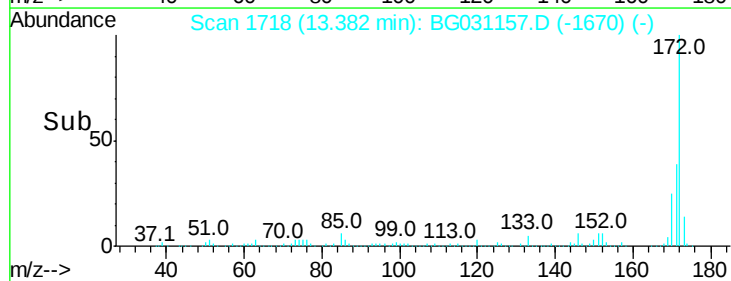
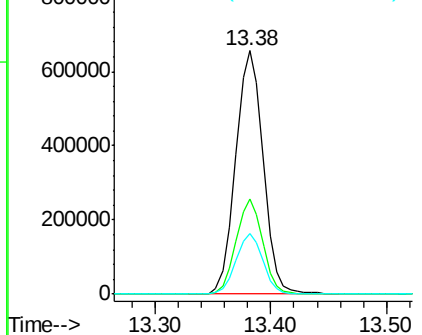


#44
 2-Fluorobiphenyl
 Concen: 98.112 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031157.D
 Acq: 21 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	24.9	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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031157.D

Acq: 21 Nov 2017 16:56

Instrument :

BNA_G

ClientSampleId :

MW-25

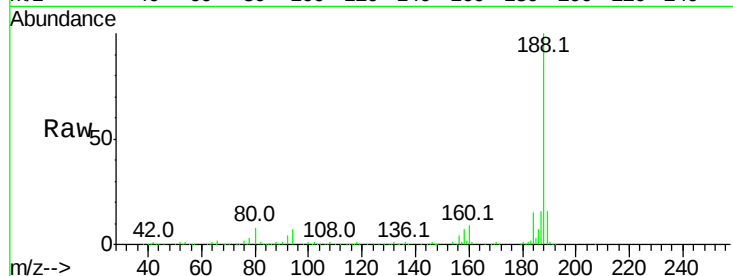
Tot Ion:188 Resp: 418563

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

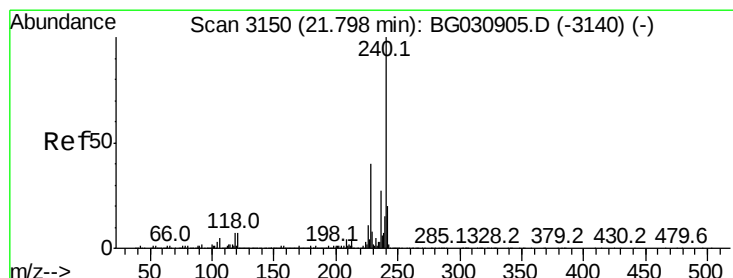
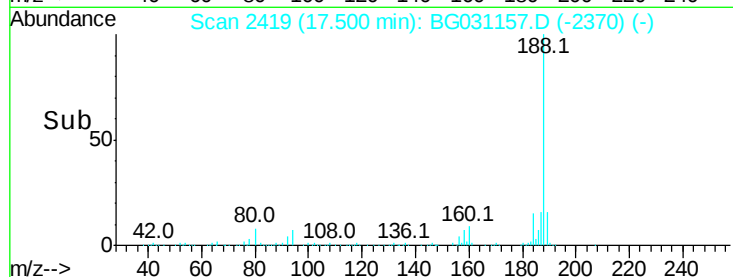
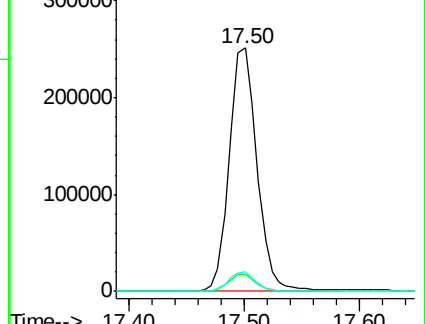
80 8.3 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031157.D

Acq: 21 Nov 2017 16:56

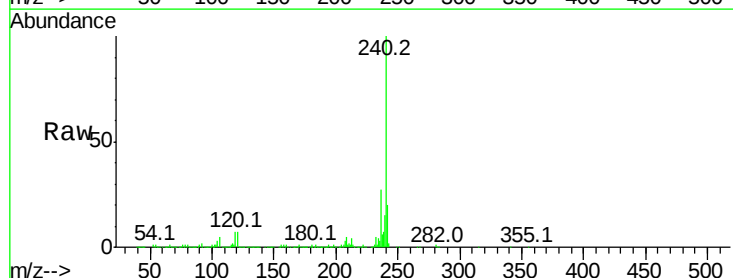
Tgt Ion:240 Resp: 511024

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

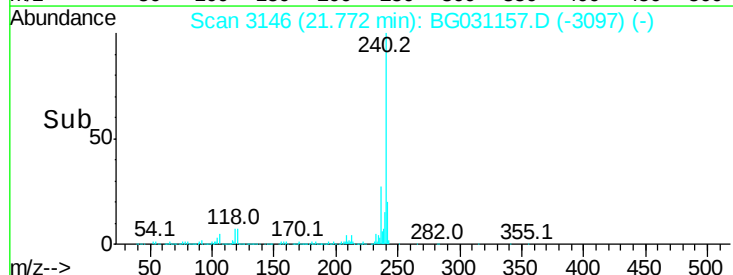
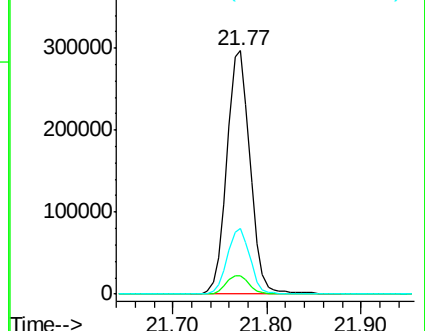
236 26.8 20.9 31.3



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



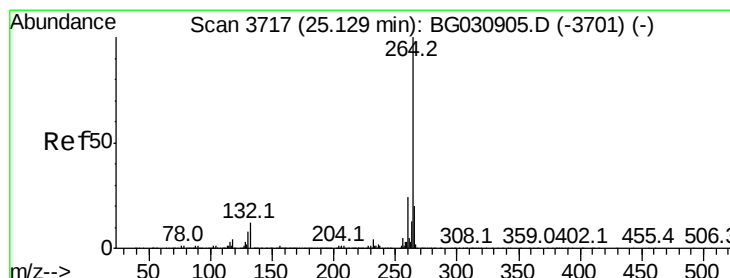
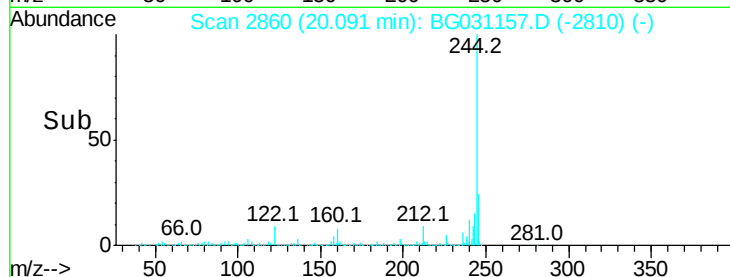
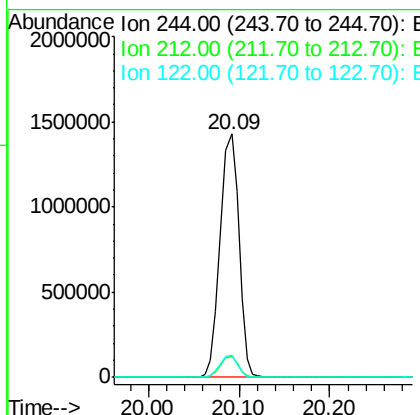
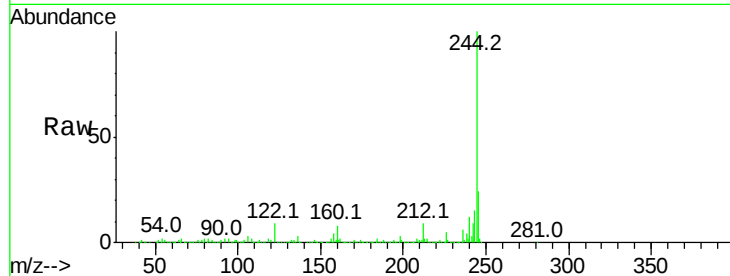


#78
 Terphenyl-d14
 Concen: 89.127 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG031157.D
 Acq: 21 Nov 2017 16:56

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Tot Ion:244 Resp: 2062697

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.9	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG031157.D
 Acq: 21 Nov 2017 16:56

Tgt Ion:264 Resp: 487766

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	21.5	17.7	26.5

