

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031162.D
 Acq On : 21 Nov 2017 21:05
 Operator : SJ/JU
 Sample : I6505-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-01

Quant Time: Nov 22 02:59:15 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	8.14	152	34261	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	158679	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	106443	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	278543	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	347507	20.00	ng	-0.02
86) Perylene-d12	25.08	264	332525	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	188684	94.44	ng	-0.01
7) Phenol-d6	7.30	99	151956	56.45	ng	0.00
23) Nitrobenzene-d5	9.30	82	338207	126.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	289921	168.37	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1009096	136.22	ng	-0.02
78) Terphenyl-d14	20.09	244	1966480	124.95	ng	0.00

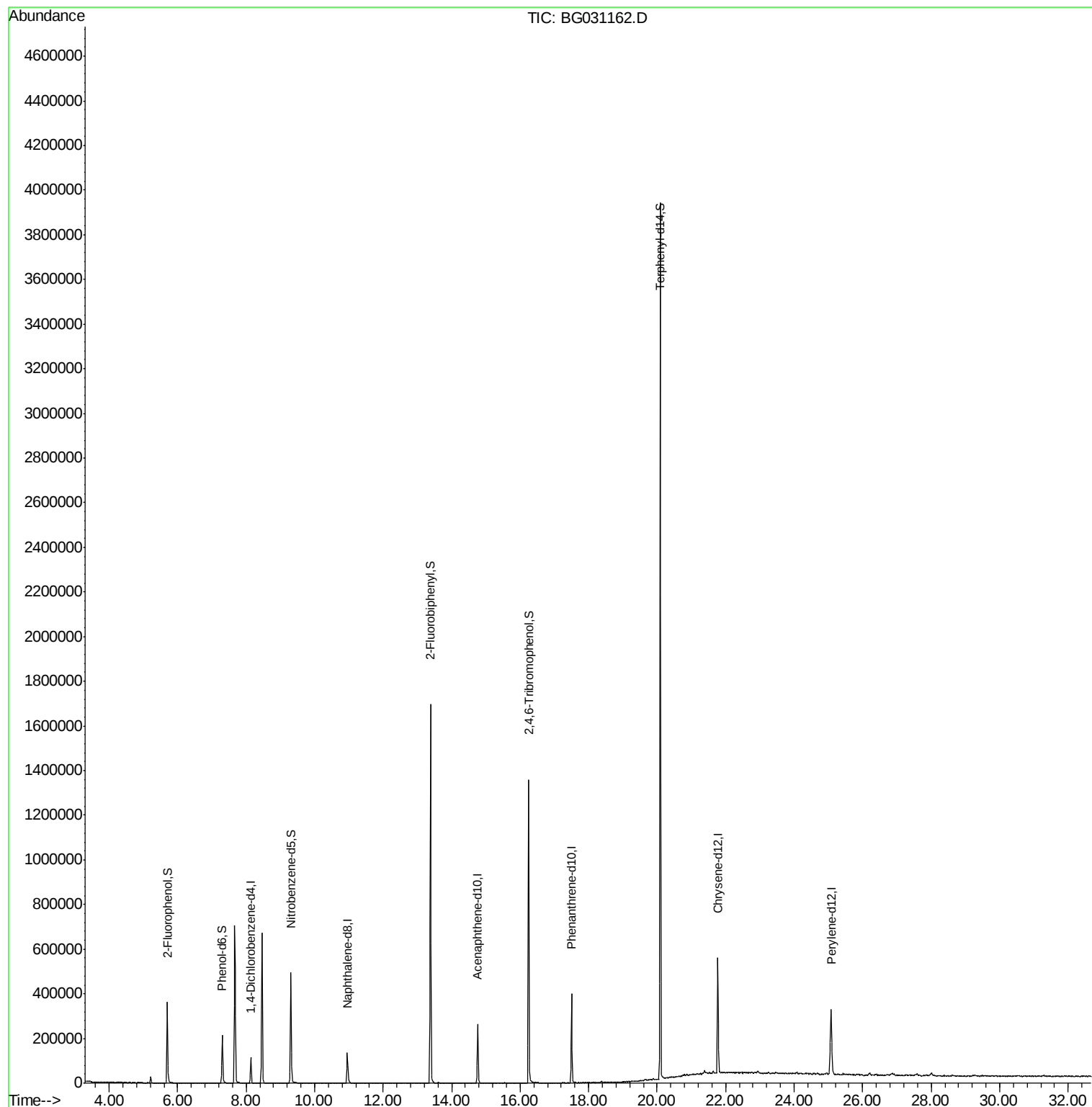
Target Compounds Qvalue

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

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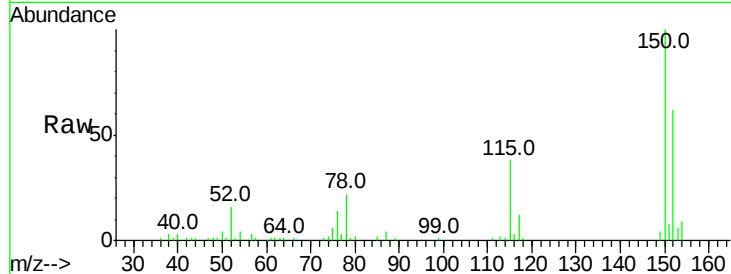


#1

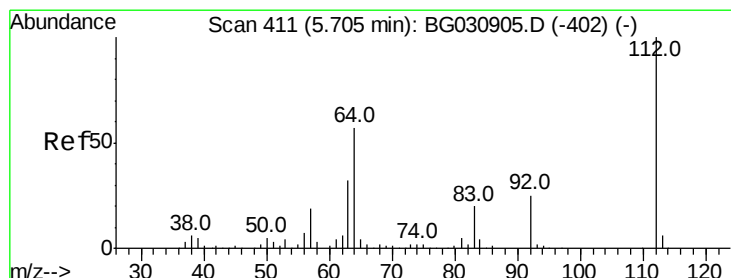
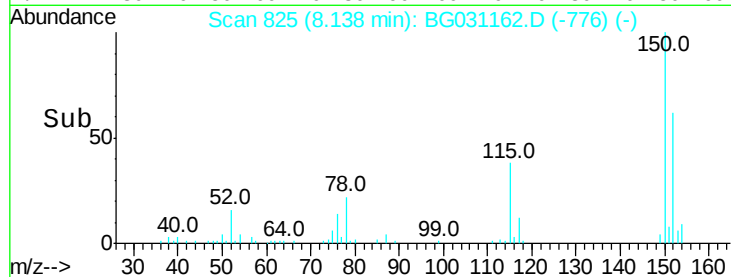
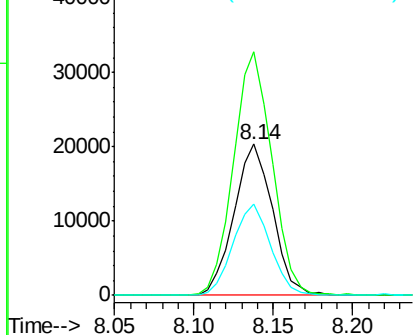
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031162.D
 Acq: 21 Nov 2017 21:05

Instrument :
 BNA_G
 ClientSampled :
 LW-01

Tot Ion:152 Resp: 34261
 Ion Ratio Lower Upper
 152 100
 150 160.9 126.6 189.8
 115 60.6 53.0 79.4



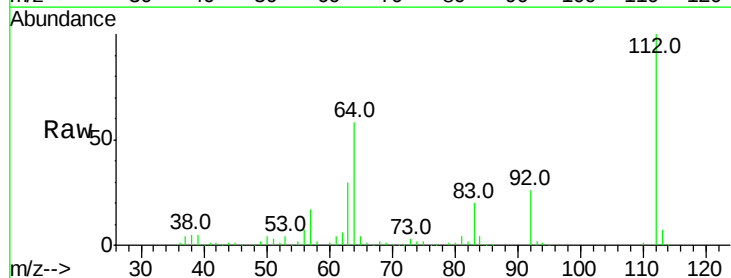
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



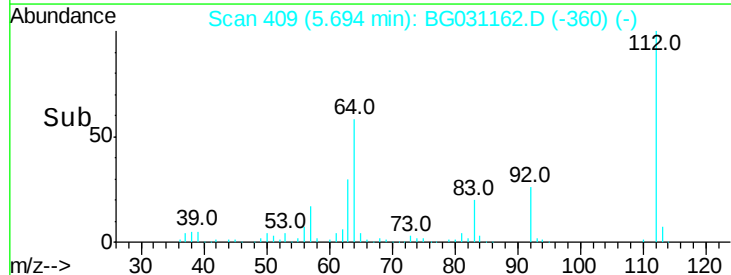
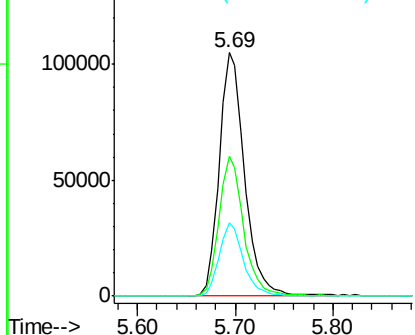
#5

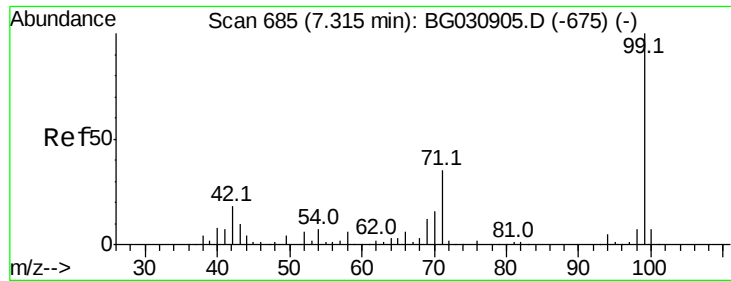
2-Fluorophenol
 Concen: 94.436 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BG031162.D
 Acq: 21 Nov 2017 21:05

Tgt Ion:112 Resp: 188684
 Ion Ratio Lower Upper
 112 100
 64 57.6 56.3 84.5
 63 30.1 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: 56.453 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031162.D

Acq: 21 Nov 2017 21:05

Instrument :

BNA_G

ClientSampled :

LW-01

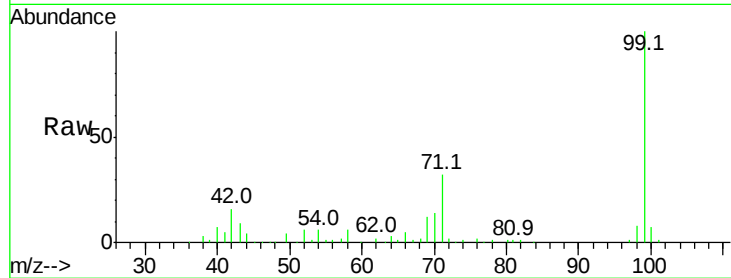
Tot Ion: 99 Resp: 151956

Ion Ratio Lower Upper

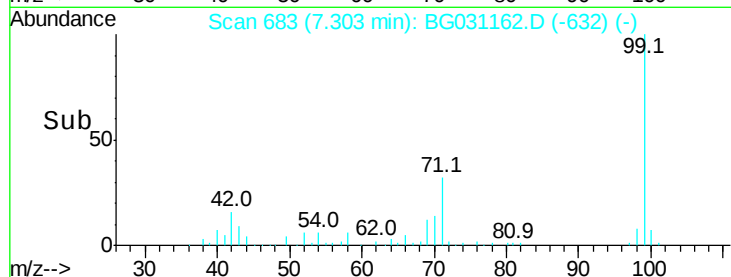
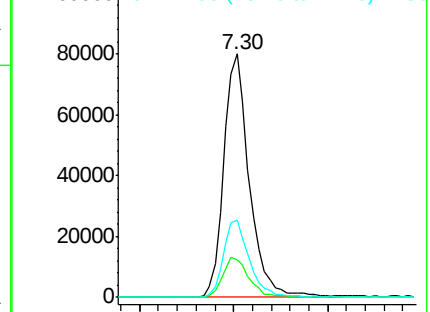
99 100

42 15.6 14.1 21.1

71 31.7 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: BG031162.D

Acq: 21 Nov 2017 21:05

Tgt Ion: 136 Resp: 158679

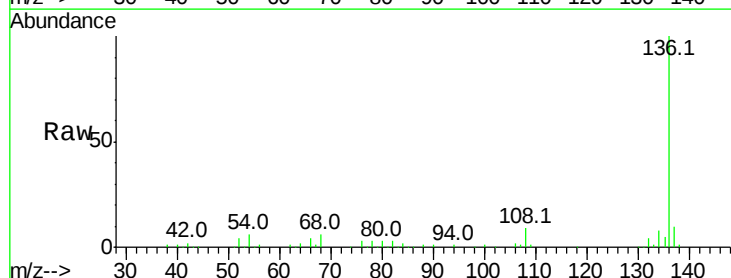
Ion Ratio Lower Upper

136 100

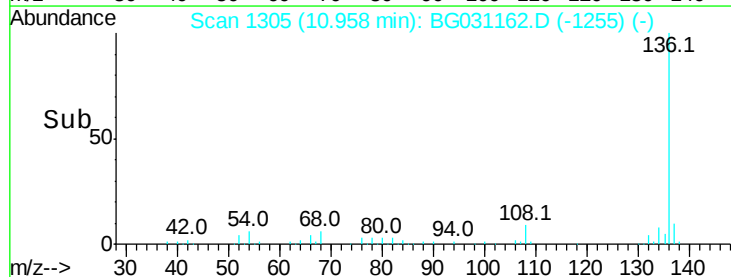
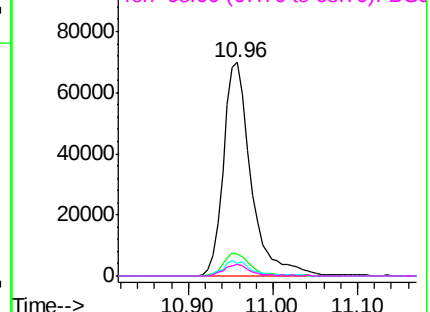
137 10.2 9.2 13.8

54 6.2 10.3 15.5#

68 5.6 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

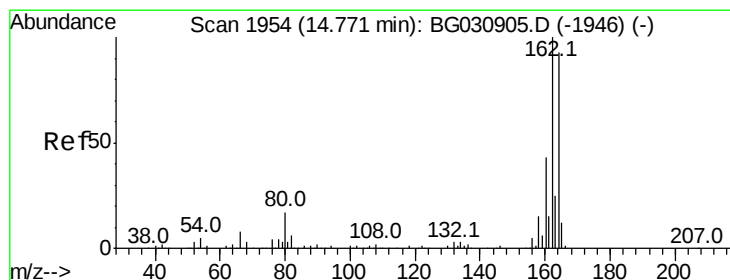
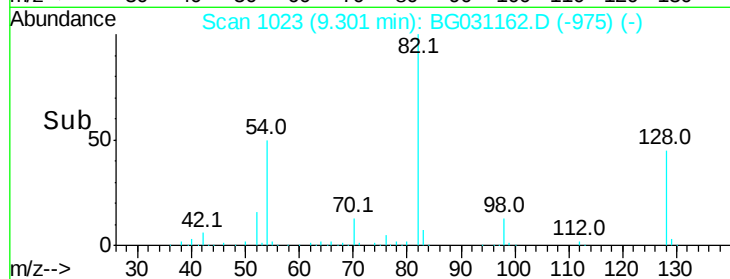
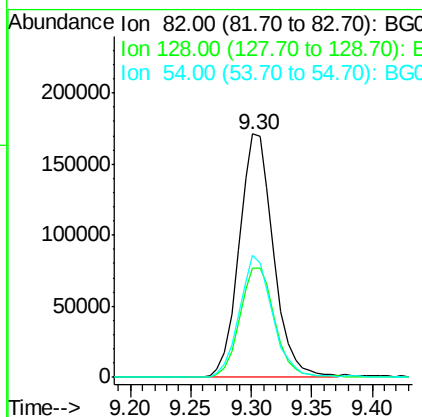
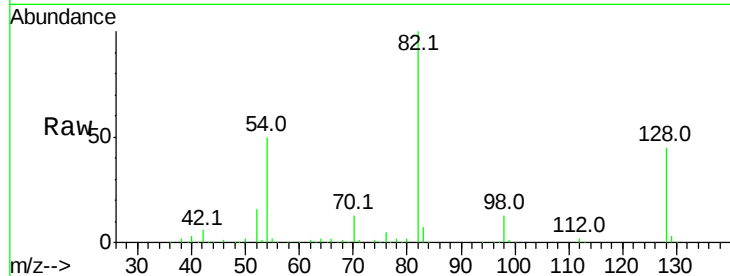




#23
 Nitrobenzene-d5
 Concen: 126.298 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031162.D
 Acq: 21 Nov 2017 21:05

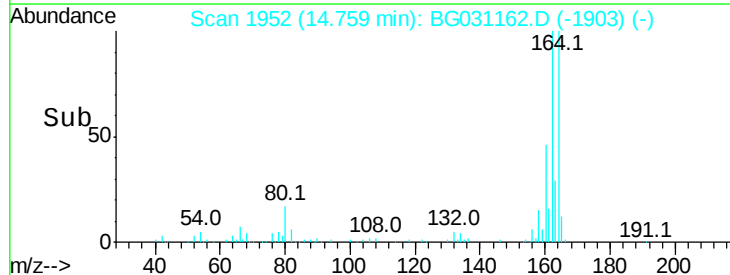
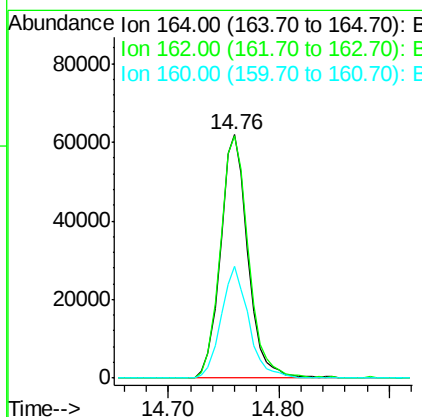
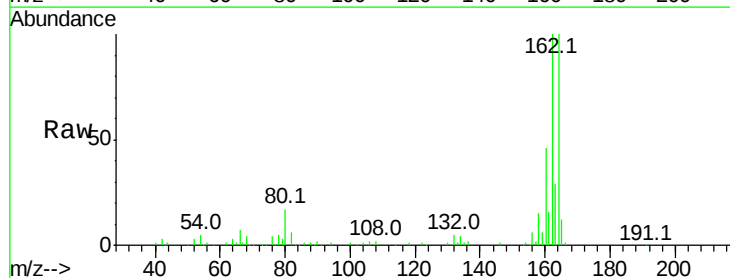
Instrument :
 BNA_G
 ClientSampled :
 LW-01

Tot Ion: 82 Resp: 338207
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 50.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031162.D
 Acq: 21 Nov 2017 21:05

Tgt Ion:164 Resp: 106443
 Ion Ratio Lower Upper
 164 100
 162 99.8 78.8 118.2
 160 45.7 35.4 53.0

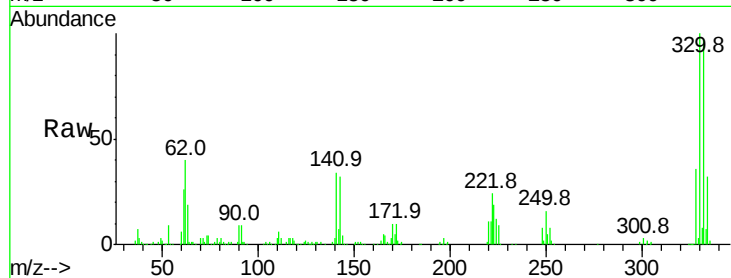




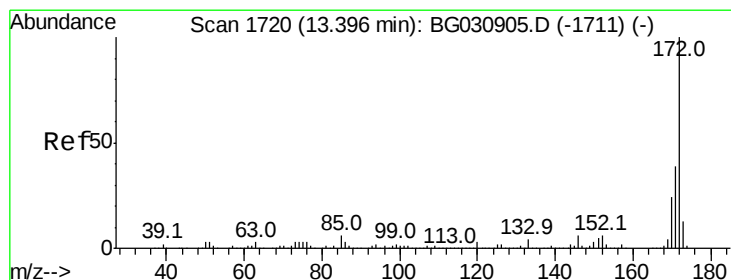
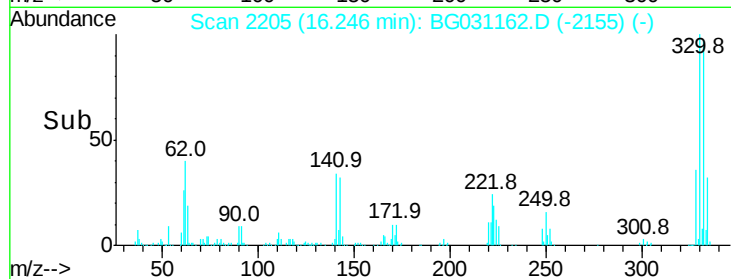
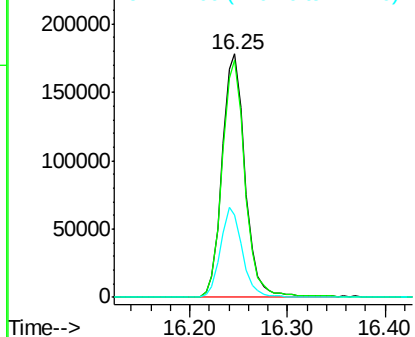
#41
 2,4,6-Tribromophenol
 Concen: 168.373 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031162.D
 Acq: 21 Nov 2017 21:05

Instrument :
 BNA_G
 ClientSampleID :
 LW-01

Tot Ion:330 Resp: 289921
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 35.8 25.2 37.8

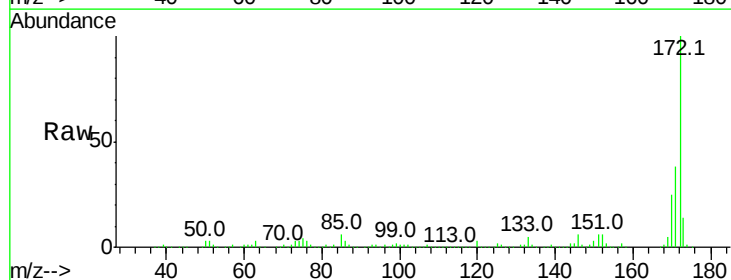


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

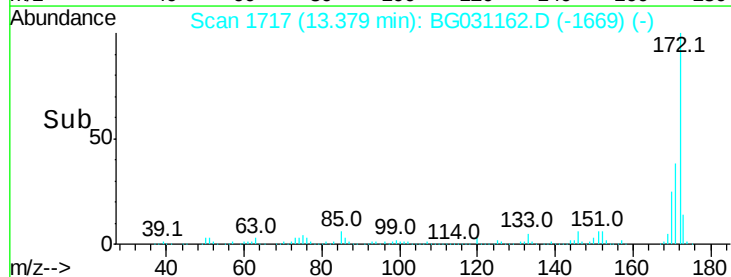
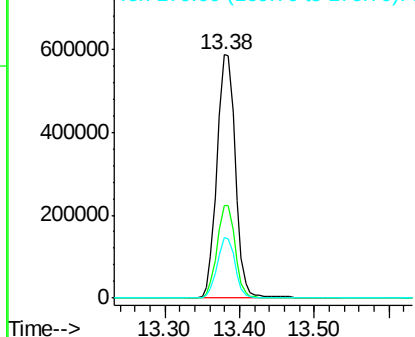


#44
 2-Fluorobiphenyl
 Concen: 136.219 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031162.D
 Acq: 21 Nov 2017 21:05

Tgt Ion:172 Resp: 1009096
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.7 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

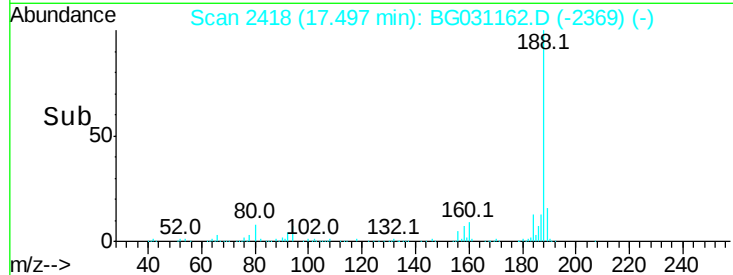
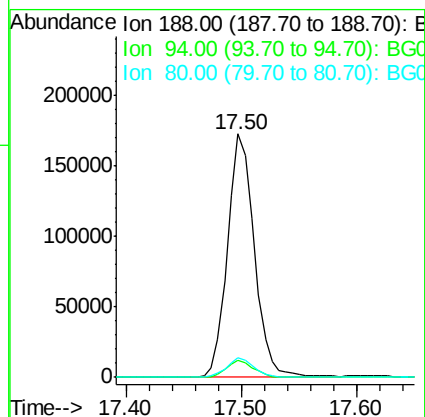
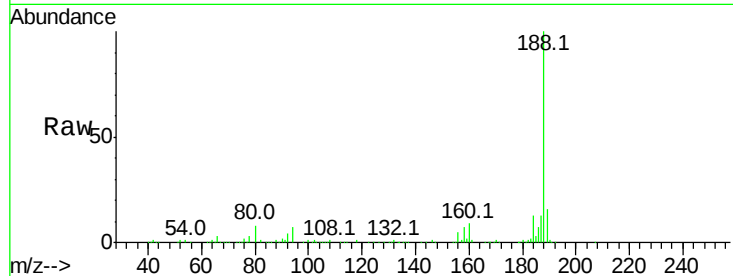




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031162.D
Acq: 21 Nov 2017 21:05

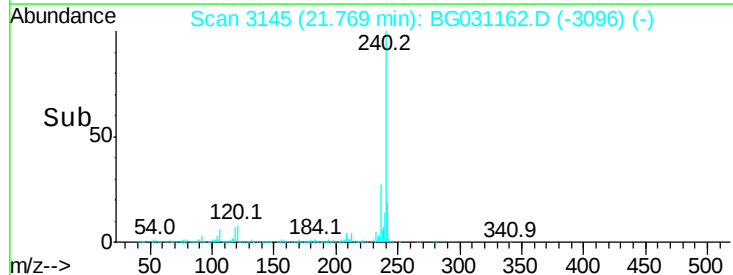
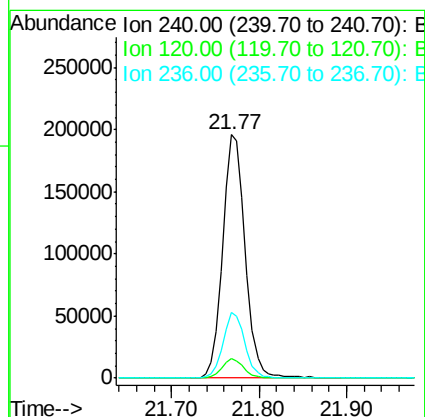
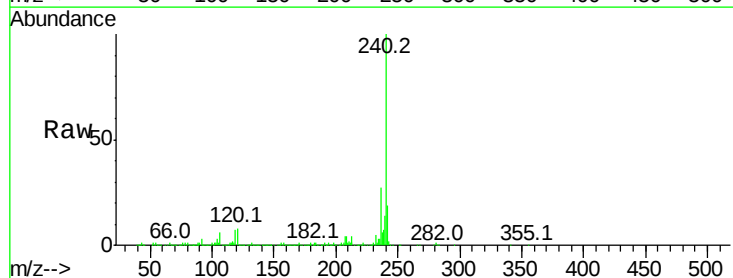
Instrument :
BNA_G
ClientSampleId :
LW-01

Tot Ion:188 Resp: 278543
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031162.D
Acq: 21 Nov 2017 21:05

Tgt Ion:240 Resp: 347507
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 124.952 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031162.D

Acq: 21 Nov 2017 21:05

Instrument :

BNA_G

ClientSampleId :

LW-01

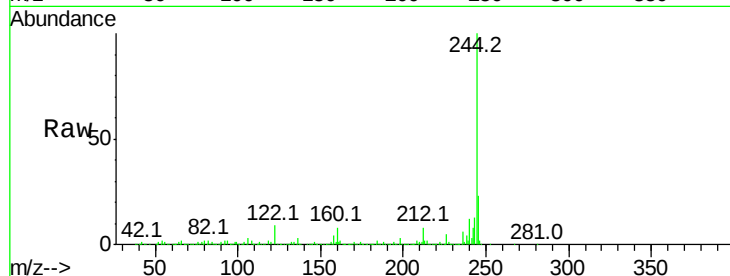
Tot Ion:244 Resp: 1966480

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.1	7.0	10.4

244 100

212 8.4 5.8 8.8

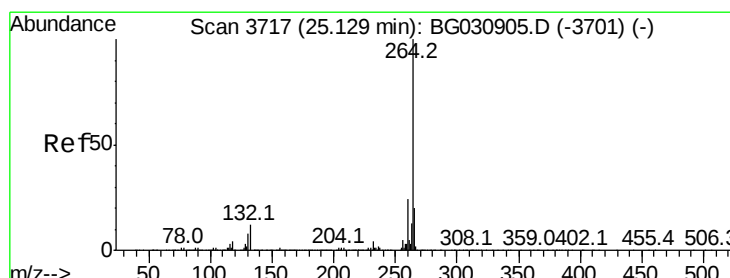
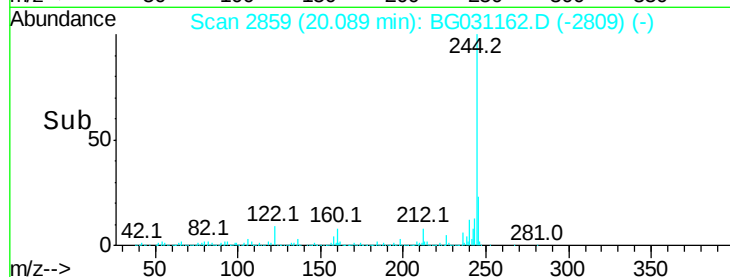
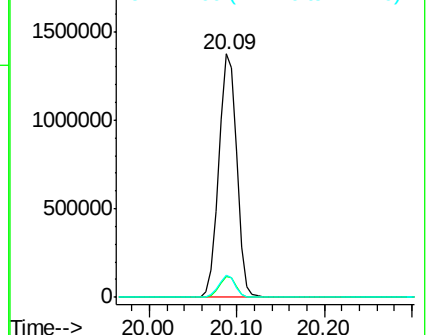
122 9.1 7.0 10.4



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: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031162.D

Acq: 21 Nov 2017 21:05

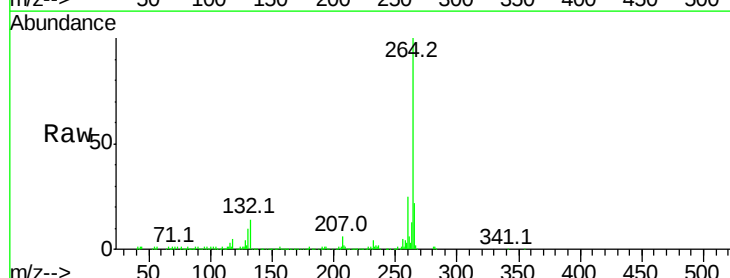
Tgt Ion:264 Resp: 332525

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	21.7	17.7	26.5

264 100

260 25.4 17.4 26.0

265 21.7 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

