

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031438.D
 Acq On : 9 Dec 2017 3:29
 Operator : SJ/JU
 Sample : I6680-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 05:46:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

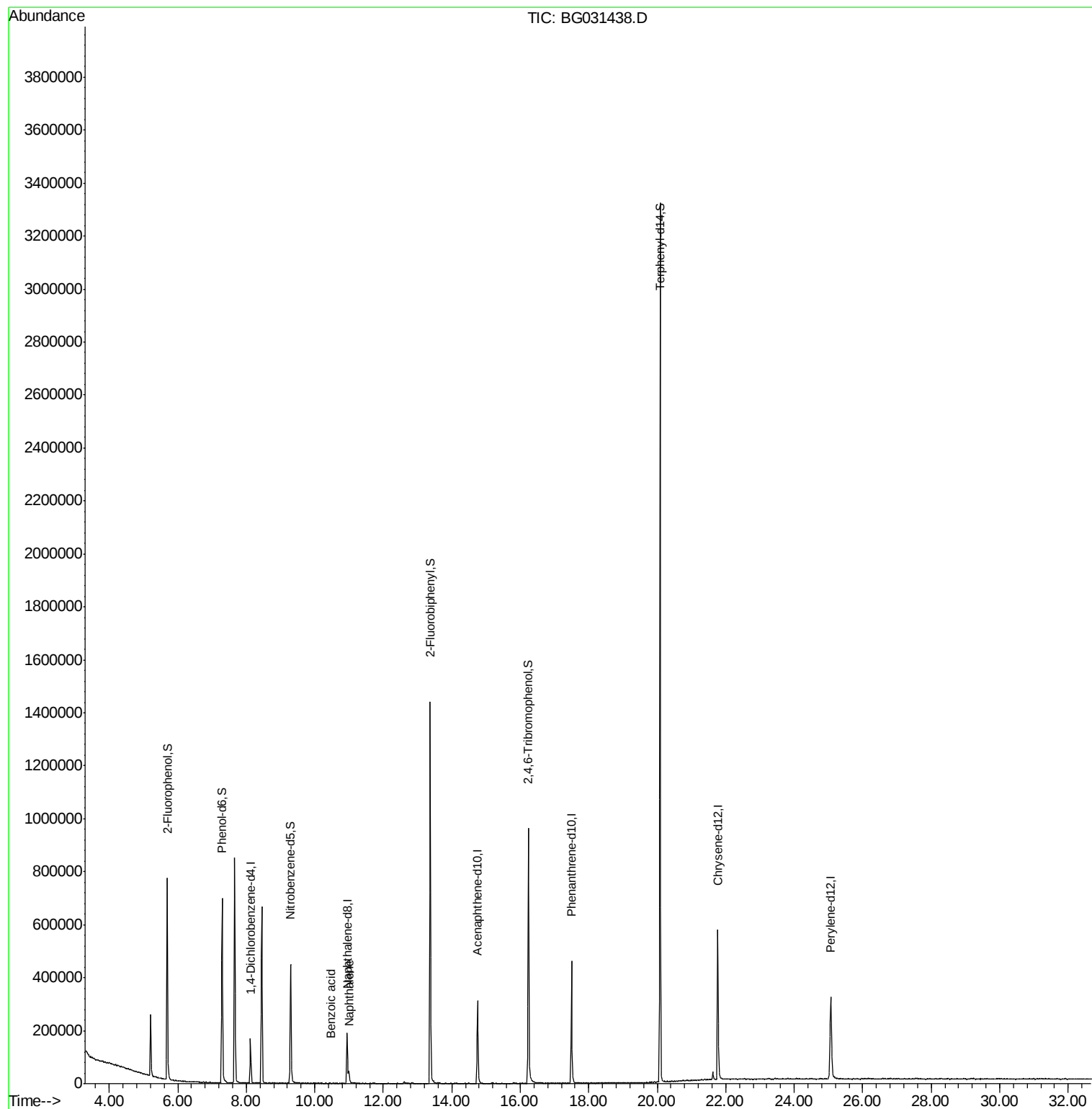
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49850	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	207021	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	128470	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	342849	20.00	ng	0.00
75) Chrysene-d12	21.77	240	414016	20.00	ng	0.00
86) Perylene-d12	25.07	264	384815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	362929	124.84	ng	0.00
7) Phenol-d6	7.29	99	439152	112.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	320551	91.75	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	205851	99.05	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	850664	95.14	ng	0.00
78) Terphenyl-d14	20.08	244	1677700	89.48	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	37106	3.646	ng	96
32) Benzoic acid	10.46	122	54	5.682	ng	# 1

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

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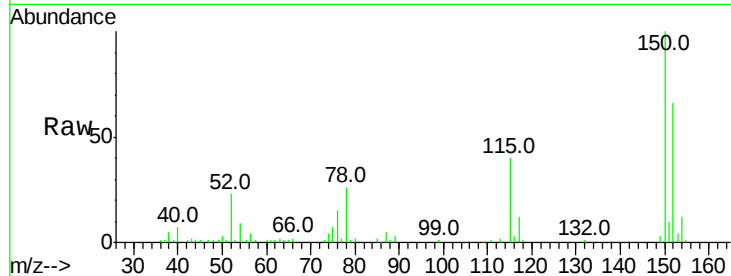


#1

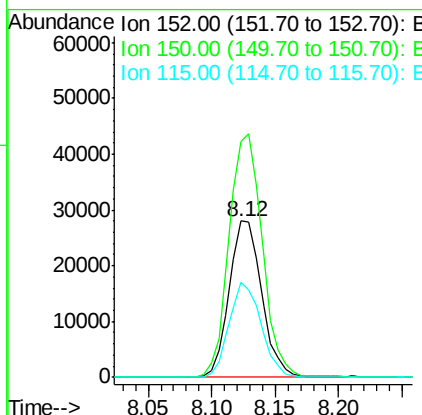
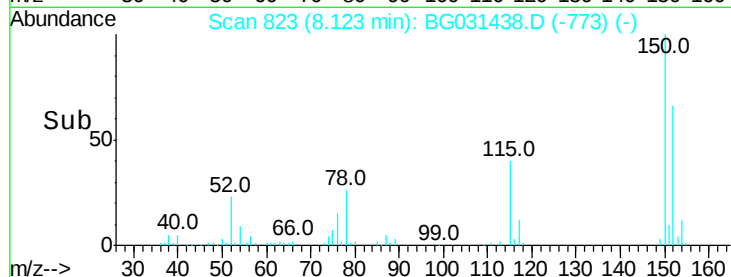
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031438.D
Acq: 9 Dec 2017 3:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	60.6	53.0	79.4



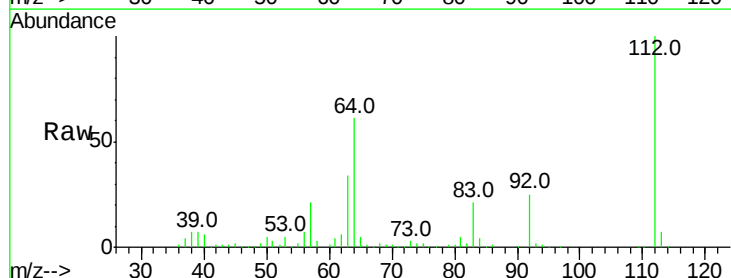
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



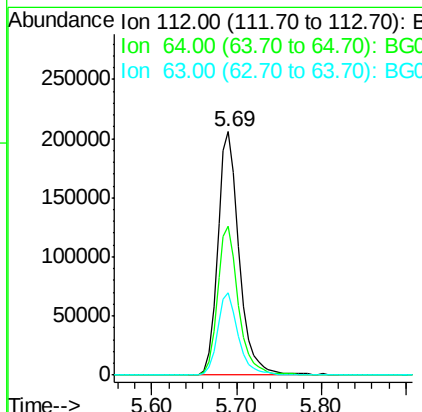
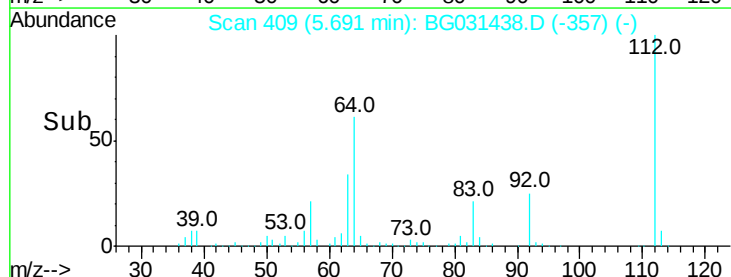
#5

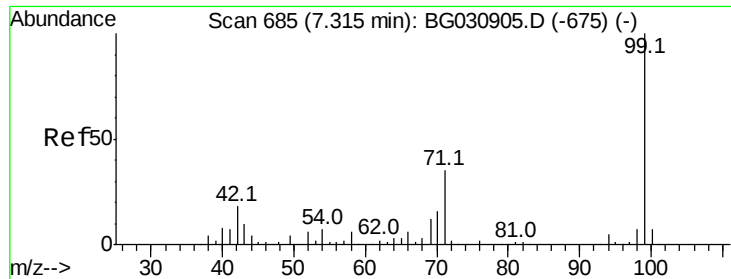
2-Fluorophenol
Concen: 124.842 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031438.D
Acq: 9 Dec 2017 3:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	56.3	84.5
63	33.9	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.128 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

Instrument :

BNA_G

ClientSampleId :

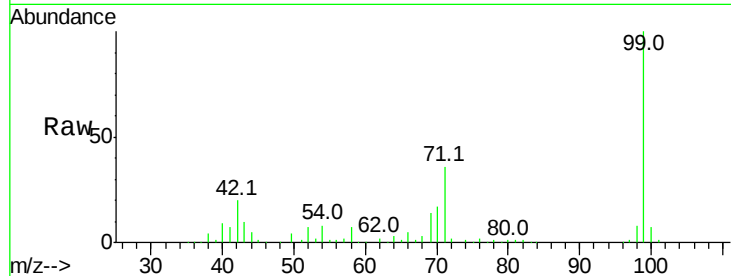
Tot Ion: 99 Resp: 439152

Ion Ratio Lower Upper

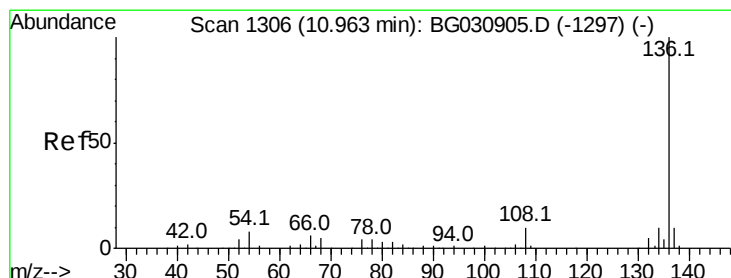
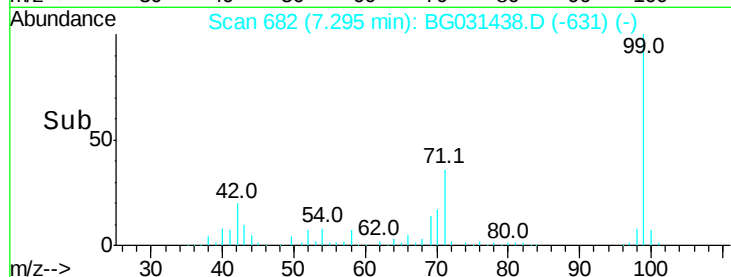
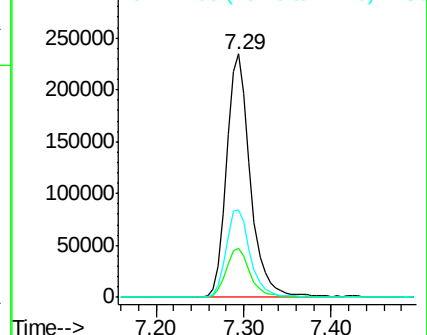
99 100

42 20.0 14.1 21.1

71 35.9 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: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

Tgt Ion: 136 Resp: 207021

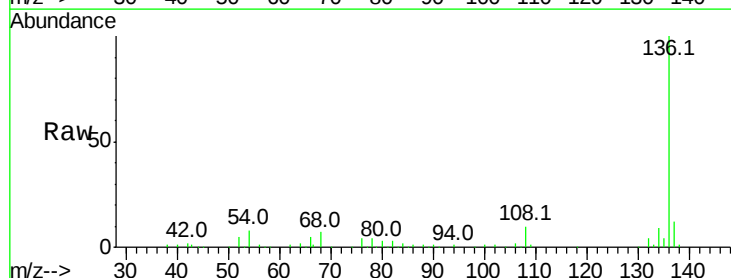
Ion Ratio Lower Upper

136 100

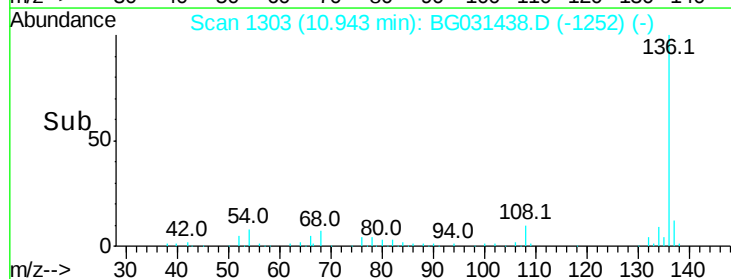
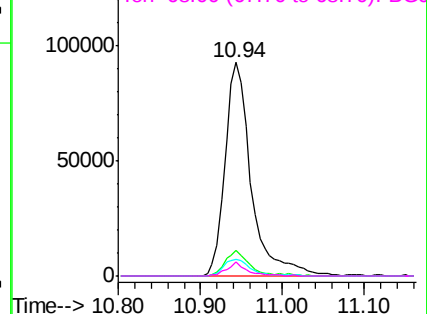
137 11.9 9.2 13.8

54 7.7 10.3 15.5#

68 6.8 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

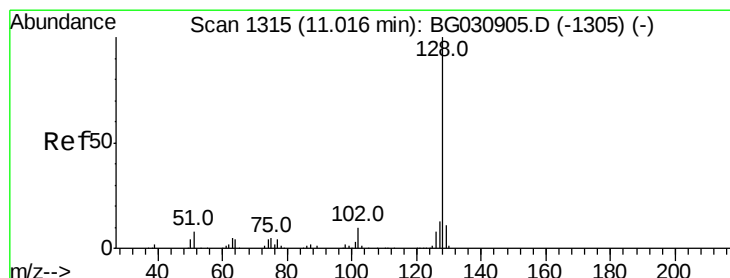
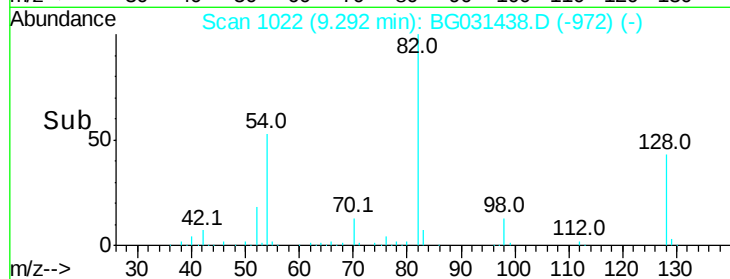
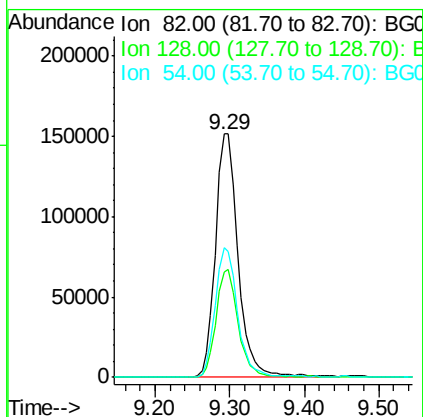
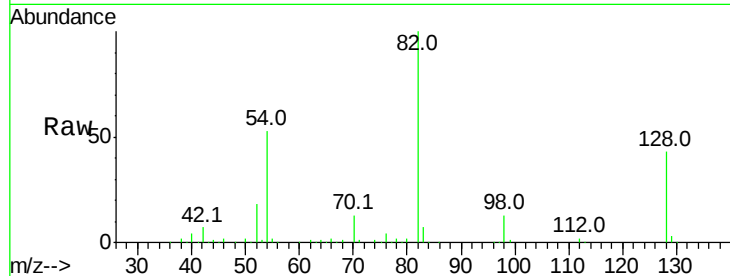




#23
 Nitrobenzene-d5
 Concen: 91.752 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

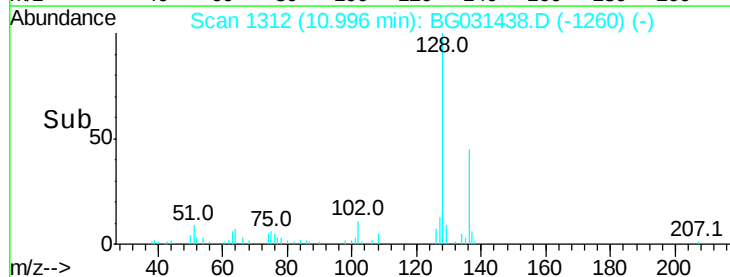
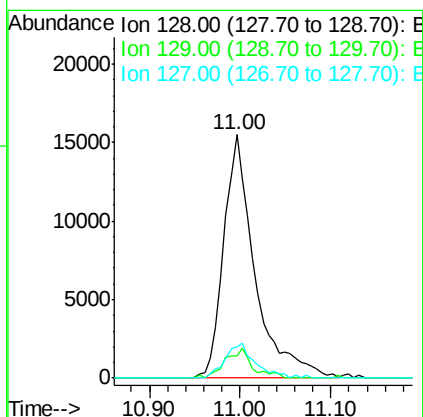
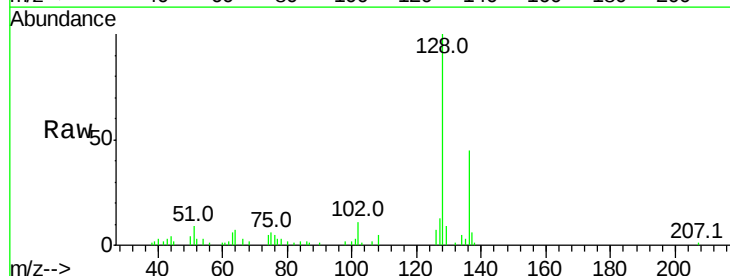
Instrument :
 BNA_G
 ClientSampleId :

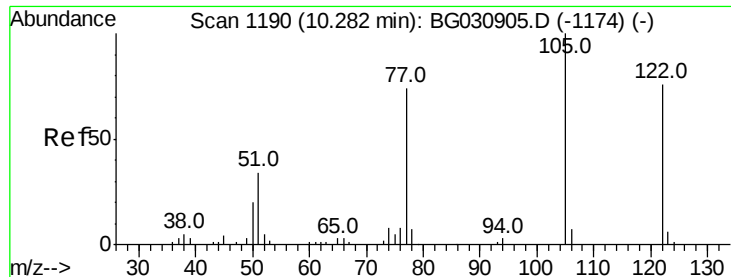
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	53.1	43.1	64.7



#31
 Naphthalene
 Concen: 3.646 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.6	12.8
127	12.7	11.6	17.4





#32

Benzoic acid

Concen: 5.682 ng

RT: 10.46 min Scan# 1220

Delta R.T. 0.19 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

Instrument :

BNA_G

ClientSampleId :

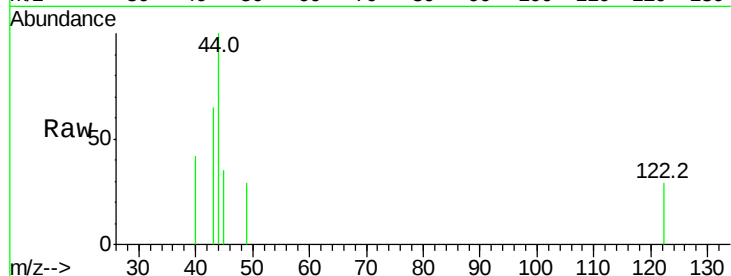
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

77 0.0 85.7 125.7#

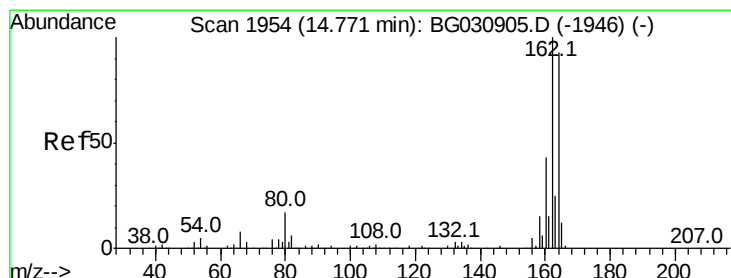
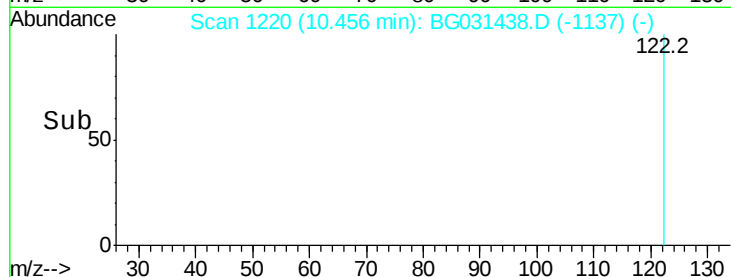
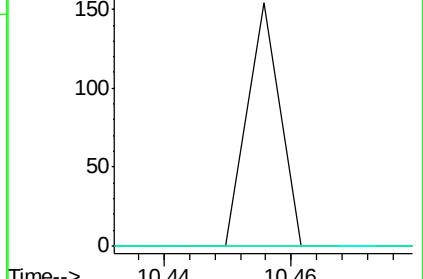


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

10.46



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

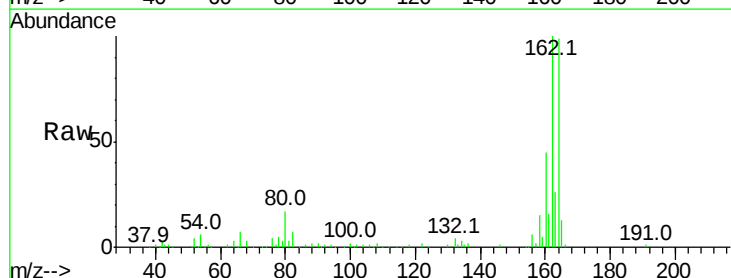
Tgt Ion:164 Resp: 128470

Ion Ratio Lower Upper

164 100

162 101.1 78.8 118.2

160 45.0 35.4 53.0

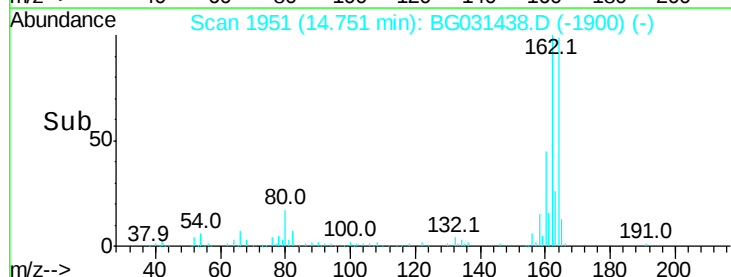
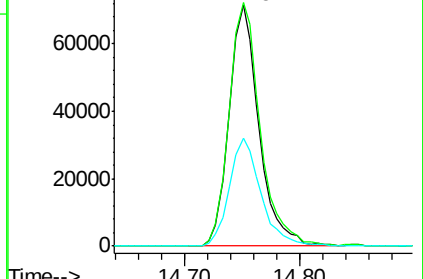


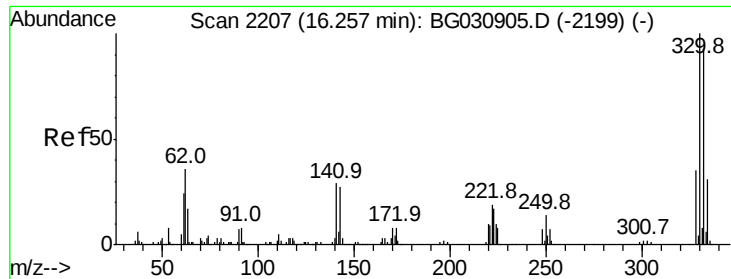
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.75

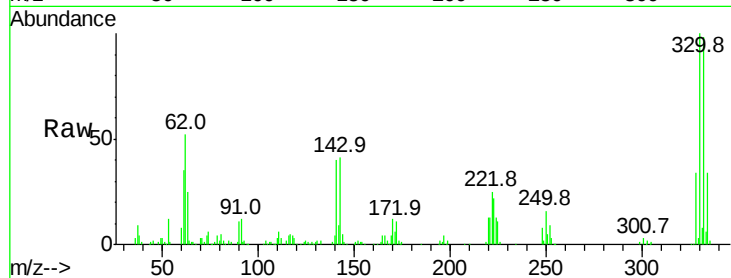




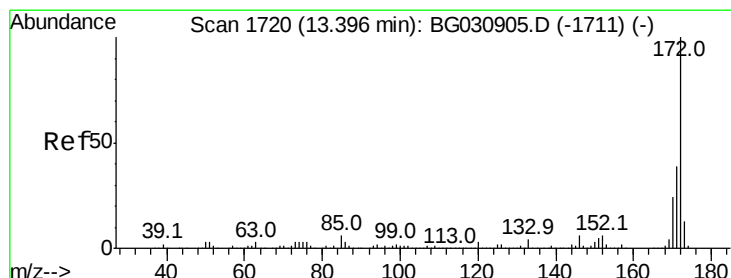
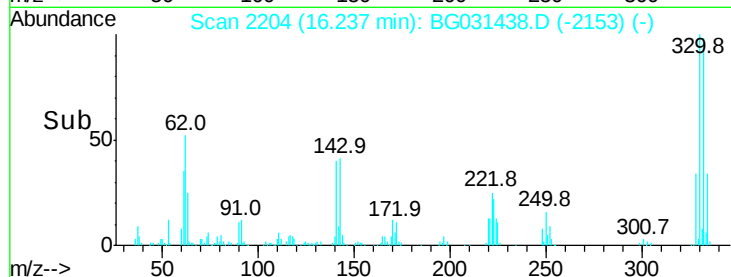
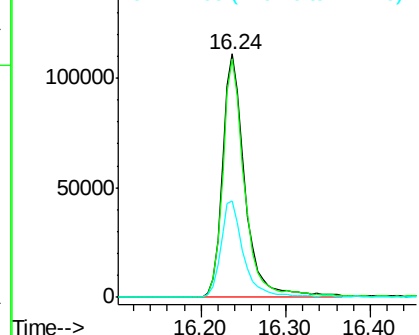
#41
 2,4,6-Tribromophenol
 Concen: 99.051 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	40.7	25.2	37.8#

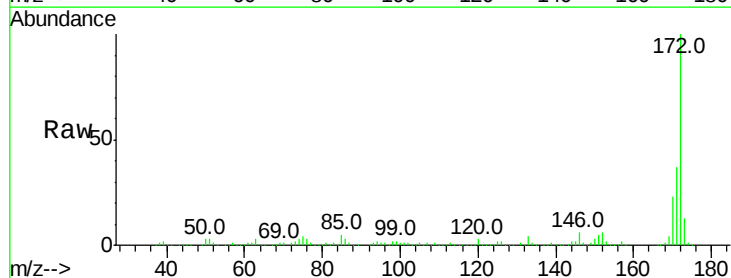


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

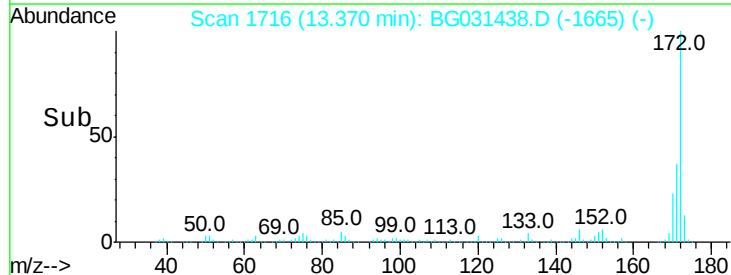
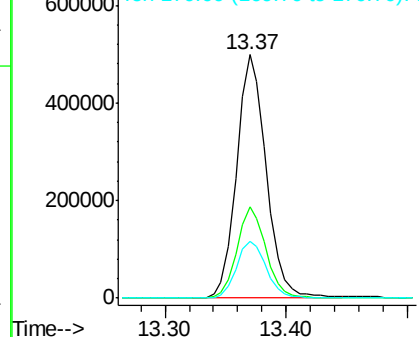


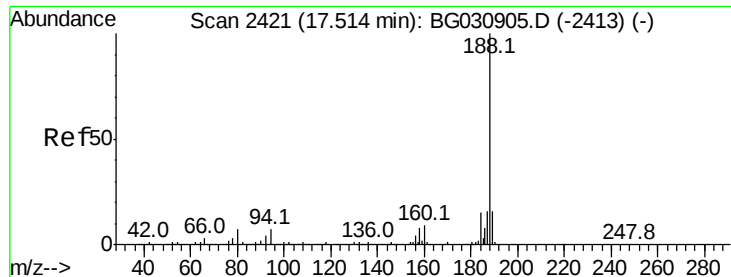
#44
 2-Fluorobiphenyl
 Concen: 95.144 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.4	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

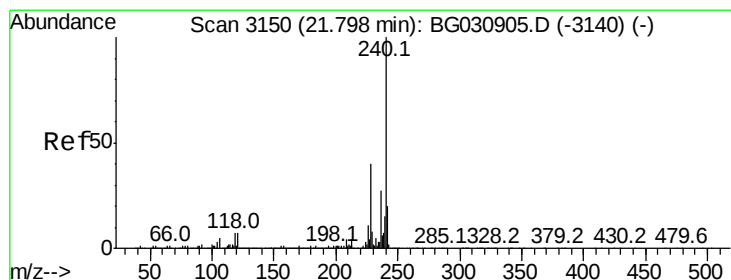
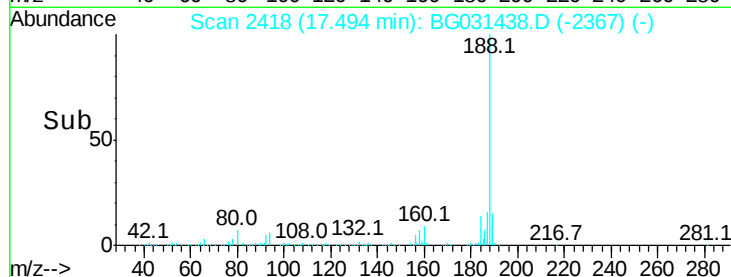
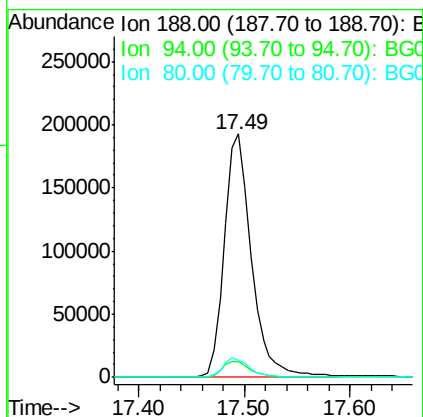
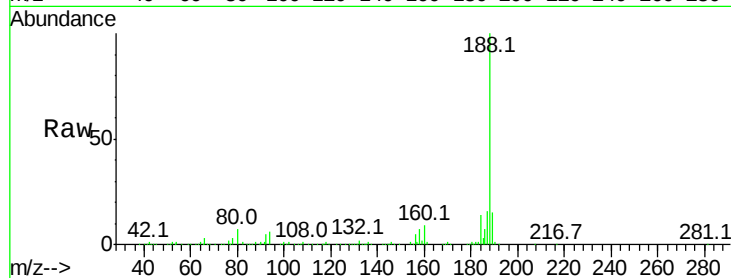




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031438.D
Acq: 9 Dec 2017 3:29

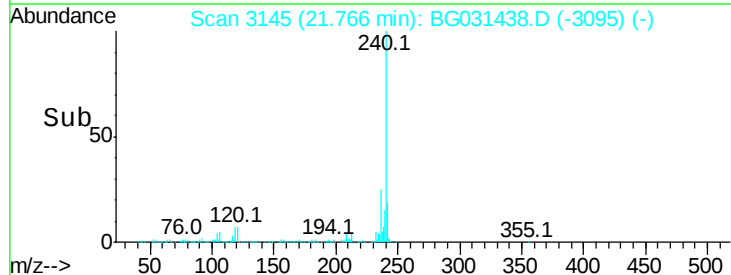
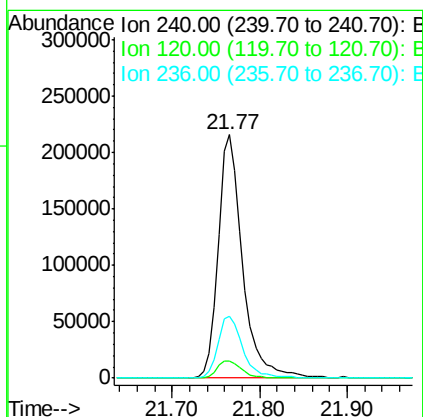
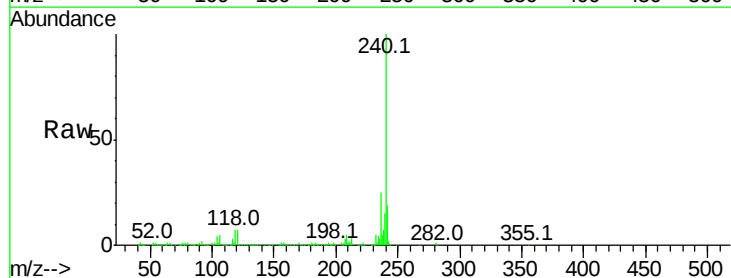
Instrument :
BNA_G
ClientSampled :

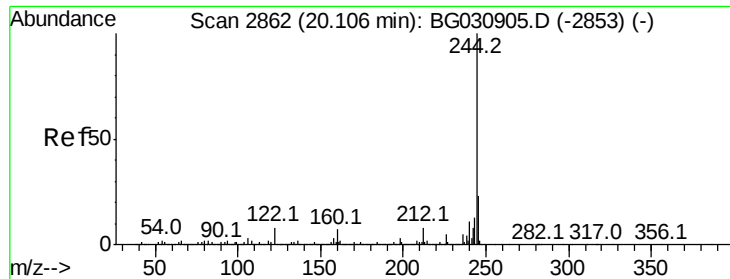
Tot Ion:188 Resp: 342849
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031438.D
Acq: 9 Dec 2017 3:29

Tgt Ion:240 Resp: 414016
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 89.477 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

Instrument :

BNA_G

ClientSampleId :

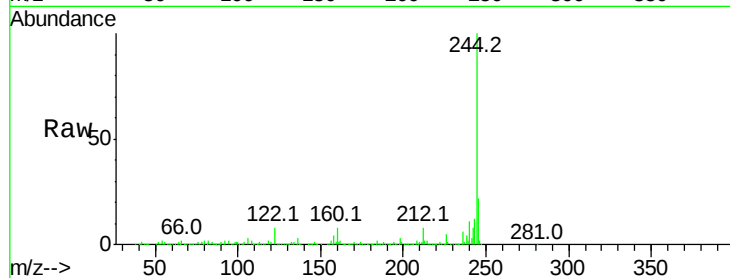
Tot Ion:244 Resp: 1677700

Ion Ratio Lower Upper

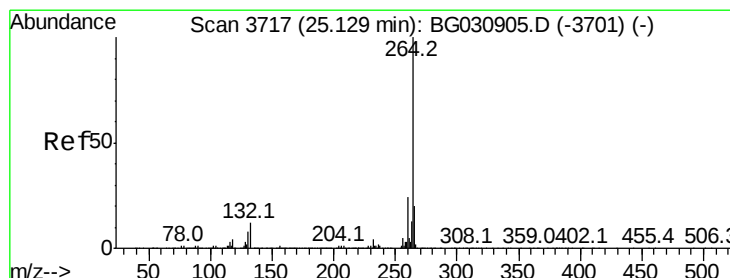
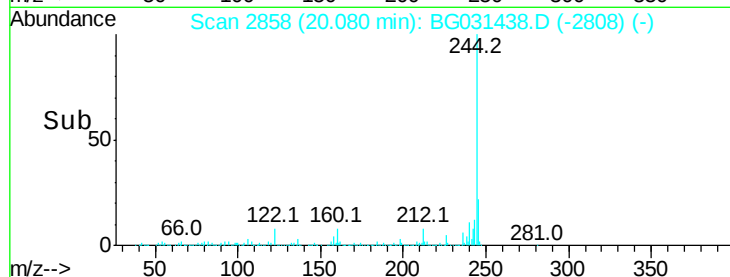
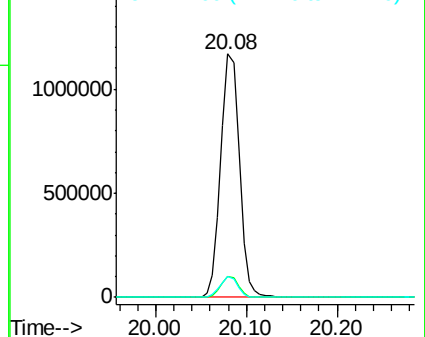
244 100

212 8.4 5.8 8.8

122 8.4 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: 25.07 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

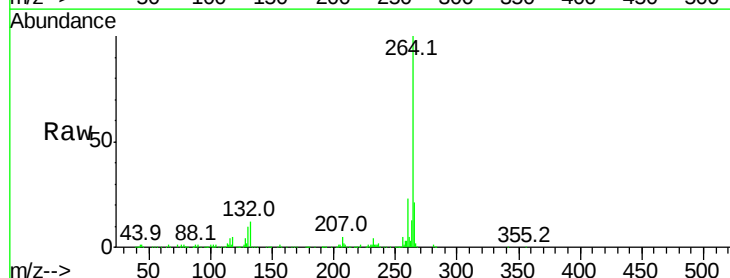
Tgt Ion:264 Resp: 384815

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.9 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

