

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031518.D
 Acq On : 13 Dec 2017 8:03
 Operator : SJ/JU
 Sample : I6763-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120517-TIDO-F-U-S

Quant Time: Dec 13 08:38:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54724	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	228123	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	158557	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	430955	20.00	ng	0.00
75) Chrysene-d12	21.75	240	565958	20.00	ng	0.00
86) Perylene-d12	25.03	264	553265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	153708	49.79	ng	0.00
7) Phenol-d6	7.28	99	128570	30.00	ng	0.00
23) Nitrobenzene-d5	9.28	82	348591	94.19	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	97970	52.74	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1080968	100.07	ng	0.00
78) Terphenyl-d14	20.07	244	2039876	82.00	ng	0.00

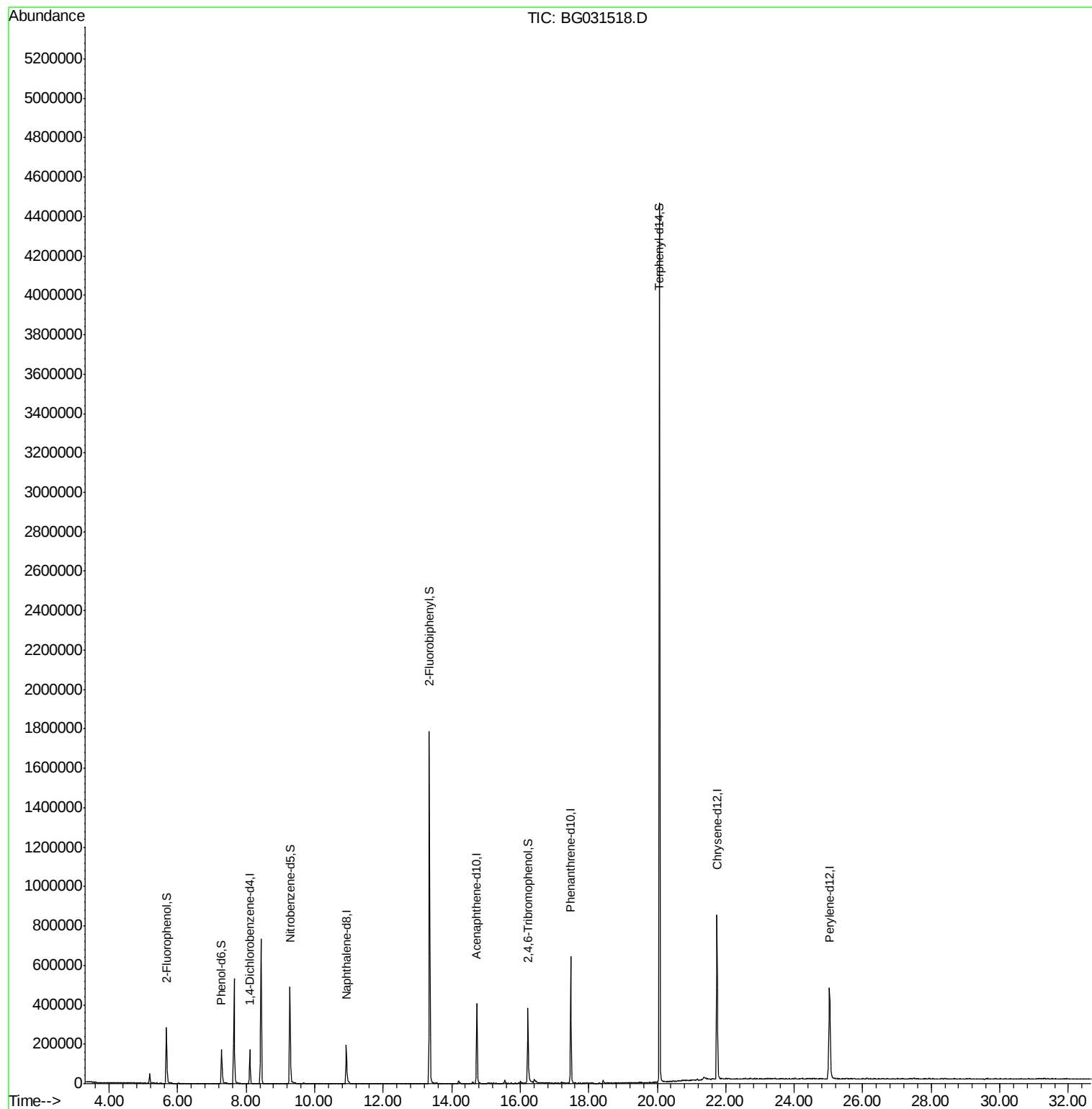
Target Compounds Qvalue

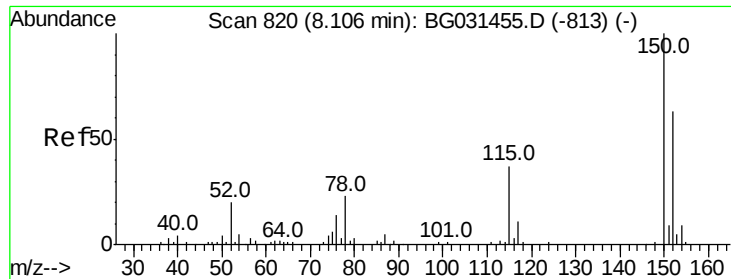
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031518.D
Acq On : 13 Dec 2017 8:03
Operator : SJ/JU
Sample : I6763-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120517-TIDO-F-U-S

Quant Time: Dec 13 08:38:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



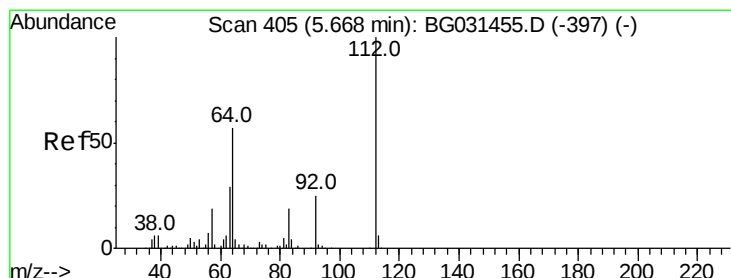
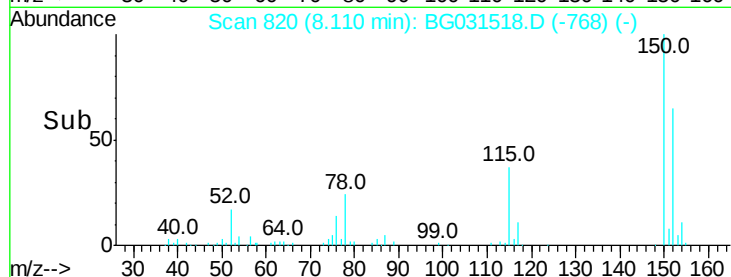
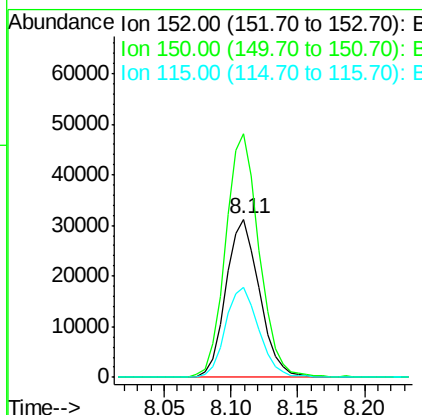
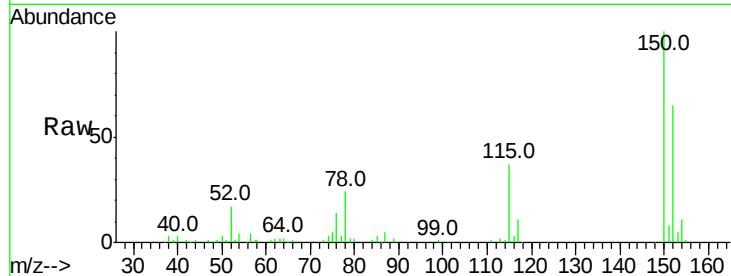


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031518.D
Acq: 13 Dec 2017 8:03

Instrument :
BNA_G
ClientSampleId :
120517-TIDO-F-U-S

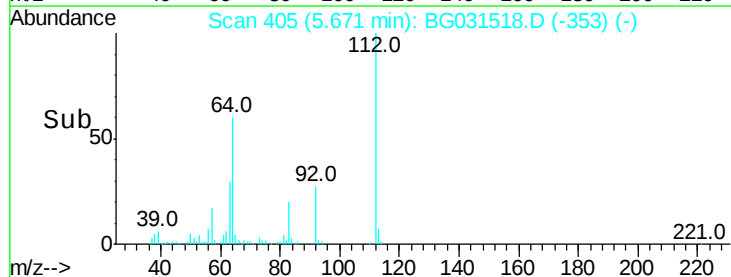
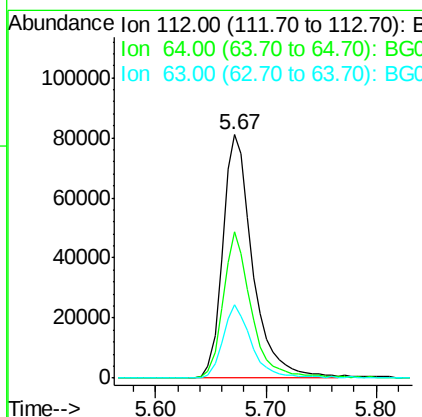
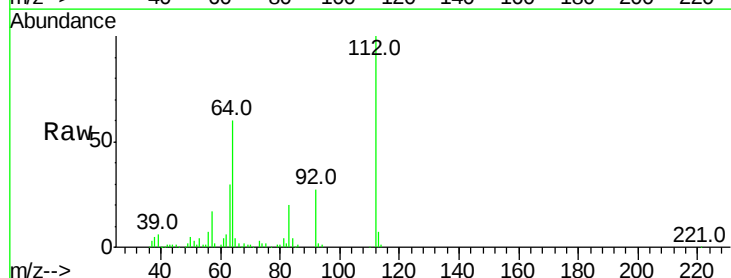
Tot Ion:152 Resp: 54724
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 56.7 53.0 79.4



#5

2-Fluorophenol
Concen: 49.786 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031518.D
Acq: 13 Dec 2017 8:03

Tgt Ion:112 Resp: 153708
Ion Ratio Lower Upper
112 100
64 60.0 56.3 84.5
63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 29.998 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Instrument :

BNA_G

ClientSampleId :

120517-TIDO-F-U-S

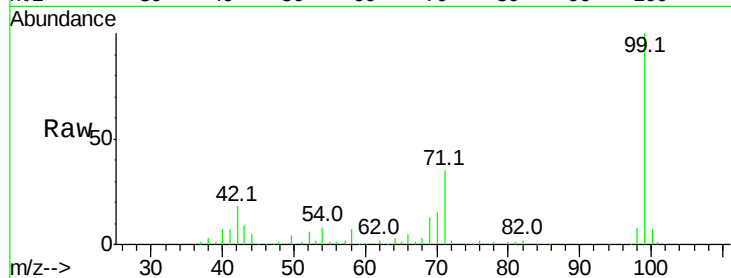
Tot Ion: 99 Resp: 128570

Ion Ratio Lower Upper

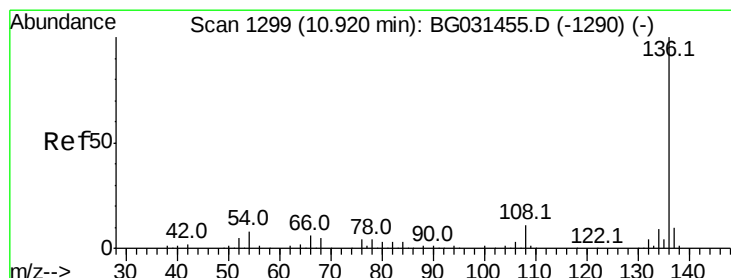
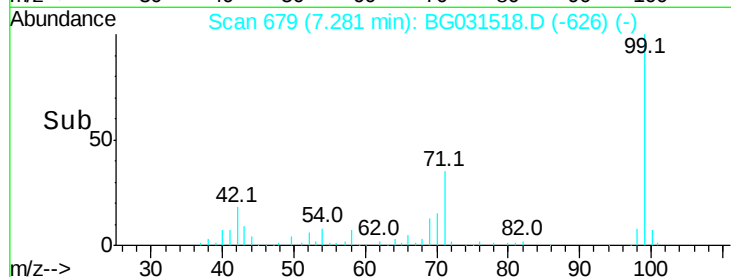
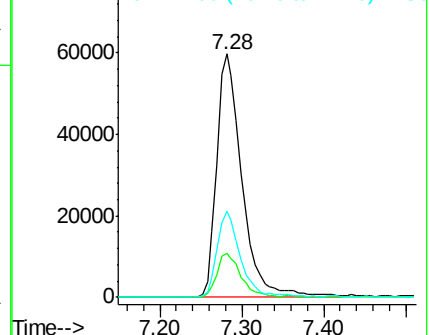
99 100

42 18.3 14.1 21.1

71 35.1 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: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Tgt Ion: 136 Resp: 228123

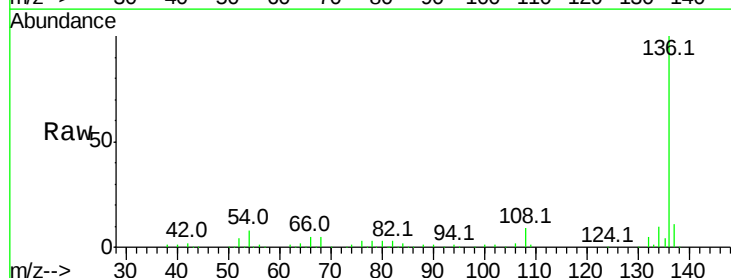
Ion Ratio Lower Upper

136 100

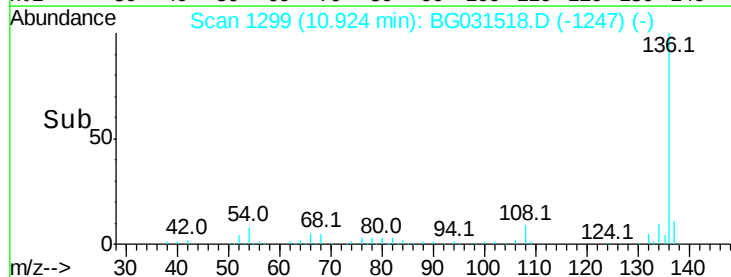
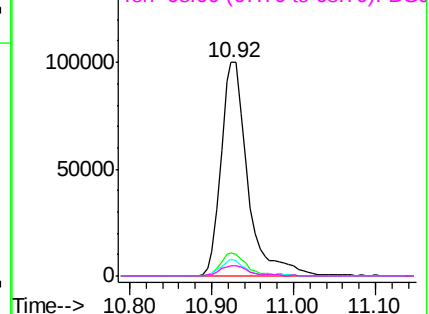
137 10.6 9.2 13.8

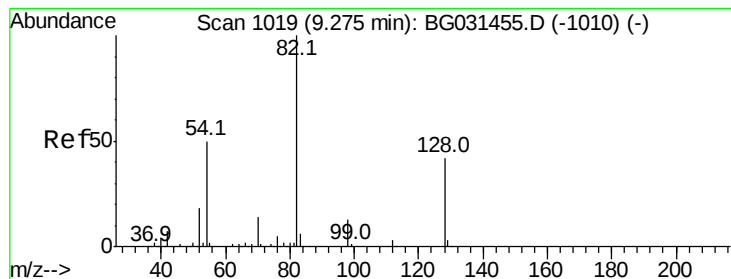
54 7.9 10.3 15.5#

68 4.9 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: 94.186 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Instrument :

BNA_G

ClientSampleId :

120517-TIDO-F-U-S

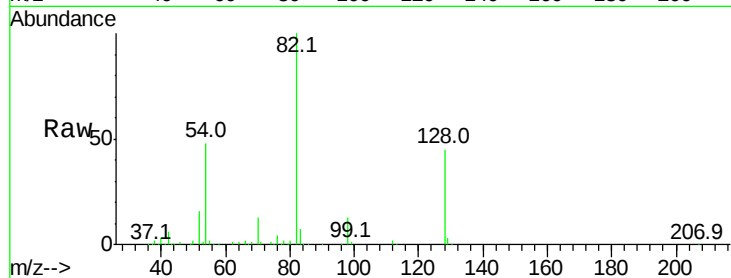
Tot Ion: 82 Resp: 348591

Ion Ratio Lower Upper

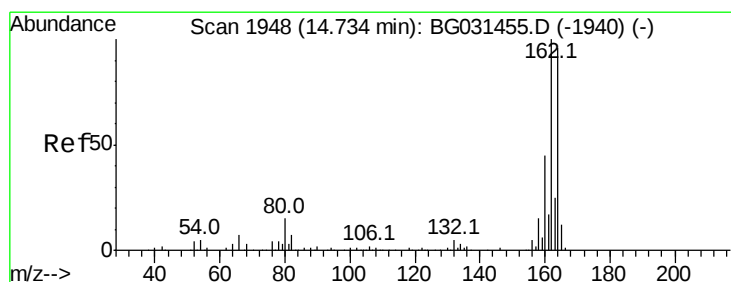
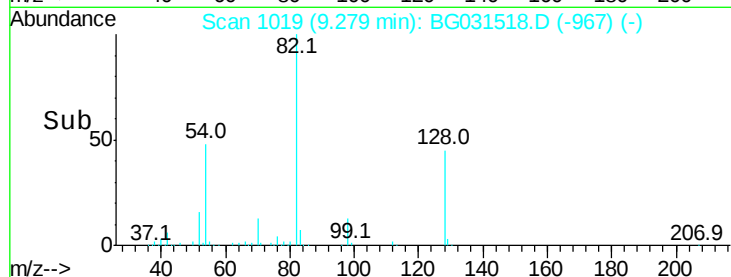
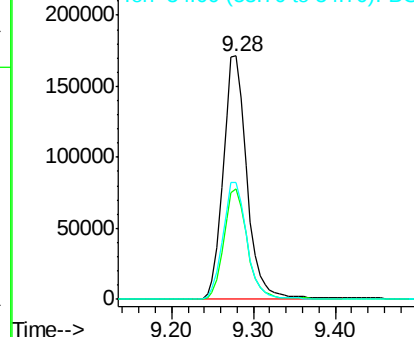
82 100

128 45.1 29.7 44.5#

54 48.0 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: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

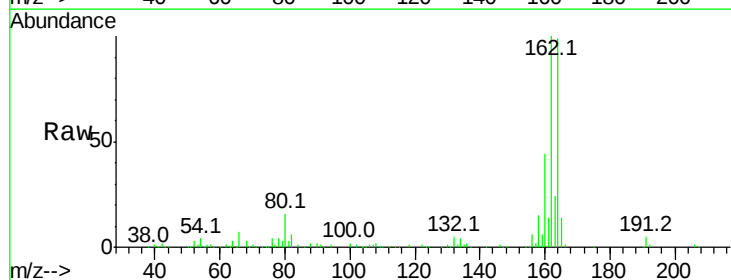
Tgt Ion:164 Resp: 158557

Ion Ratio Lower Upper

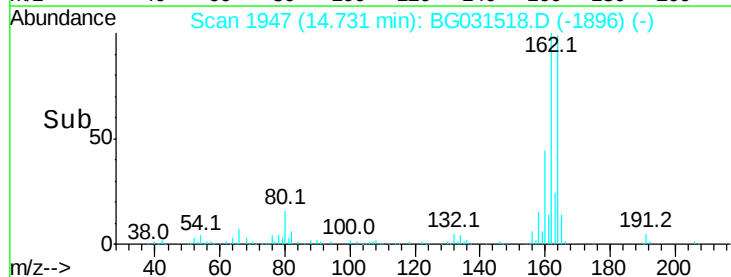
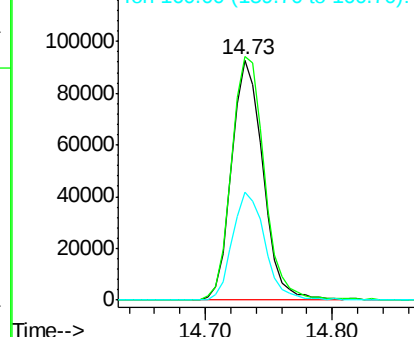
164 100

162 101.3 78.8 118.2

160 44.7 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

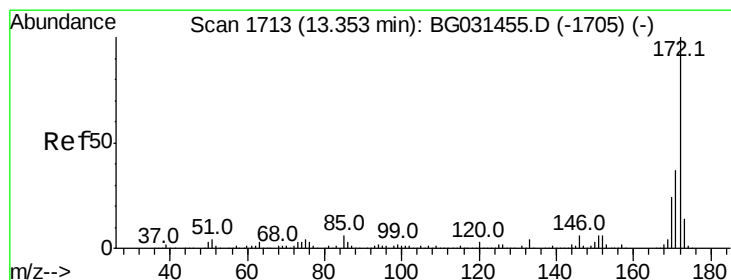
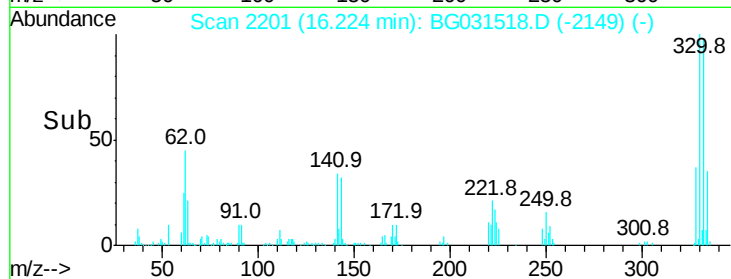
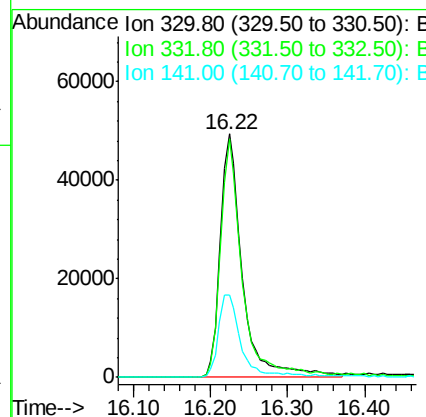
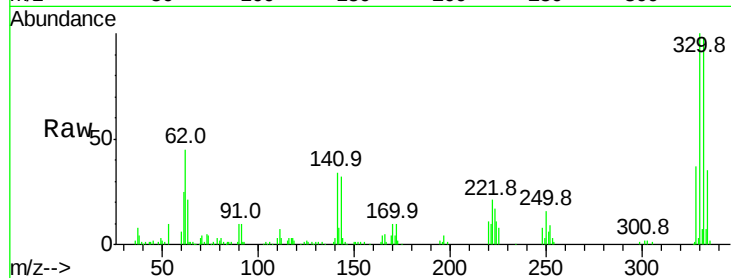




#41
 2,4,6-Tribromophenol
 Concen: 52.741 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031518.D
 Acq: 13 Dec 2017 8:03

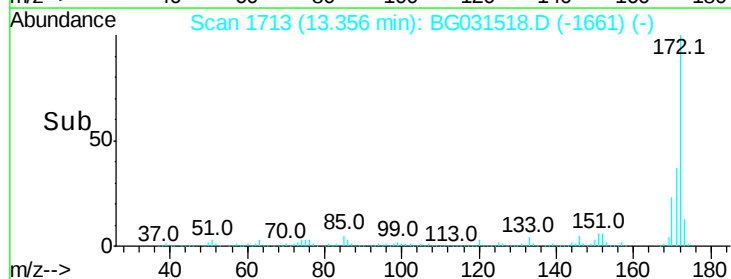
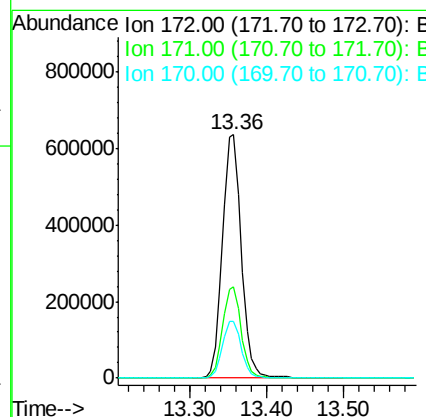
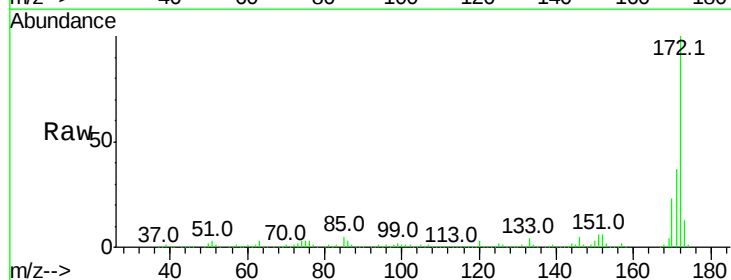
Instrument :
 BNA_G
 ClientSampleId :
 120517-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 100.073 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031518.D
 Acq: 13 Dec 2017 8:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.4	19.5	29.3

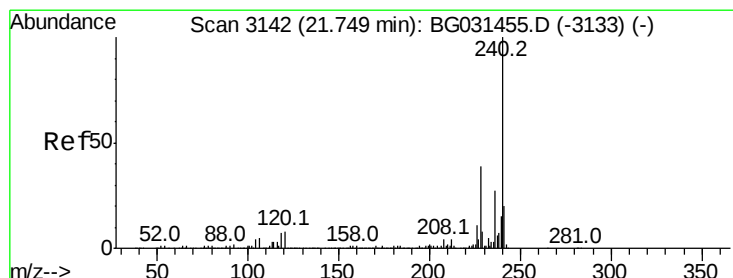
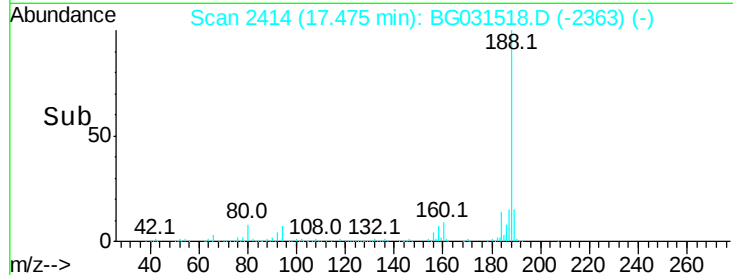
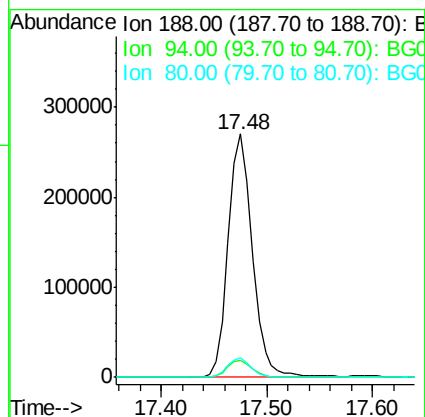
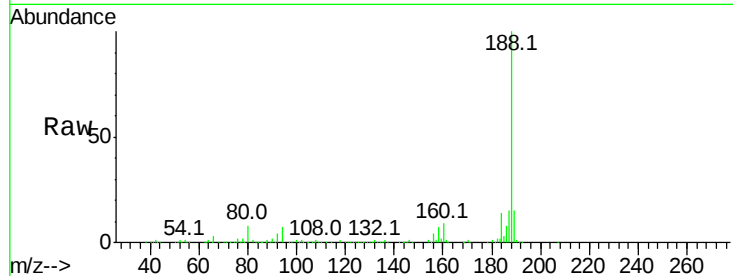




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031518.D
Acq: 13 Dec 2017 8:03

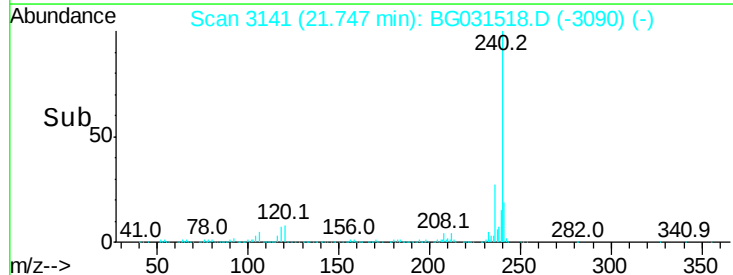
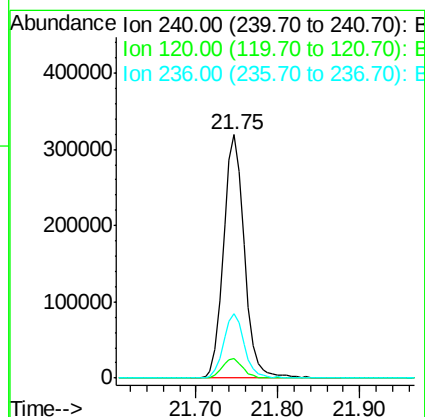
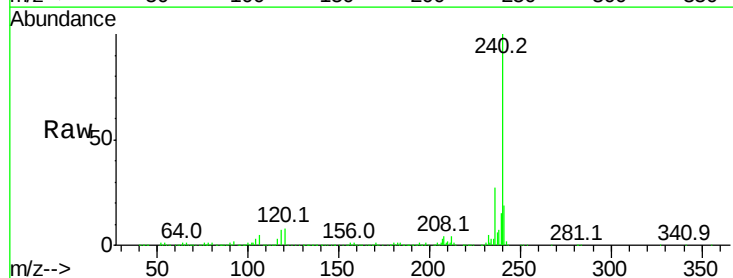
Instrument :
BNA_G
ClientSampleId :
120517-TIDO-F-U-S

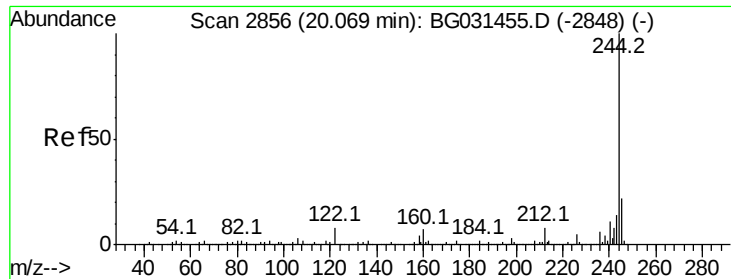
Tot Ion:188 Resp: 430955
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031518.D
Acq: 13 Dec 2017 8:03

Tgt Ion:240 Resp: 565958
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 82.003 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

Instrument :

BNA_G

ClientSampleId :

120517-TIDO-F-U-S

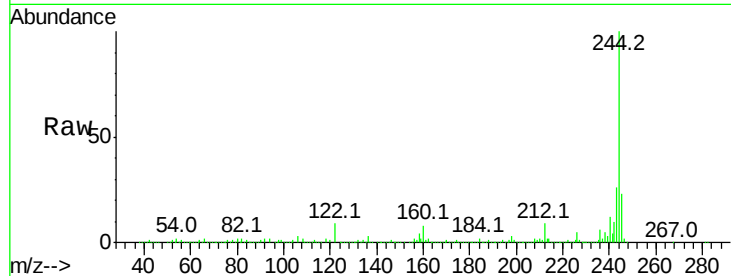
Tot Ion:244 Resp: 2039876

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

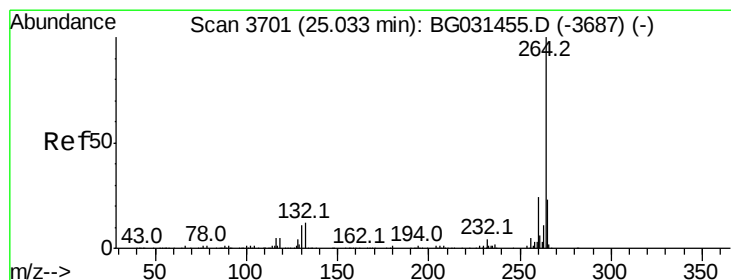
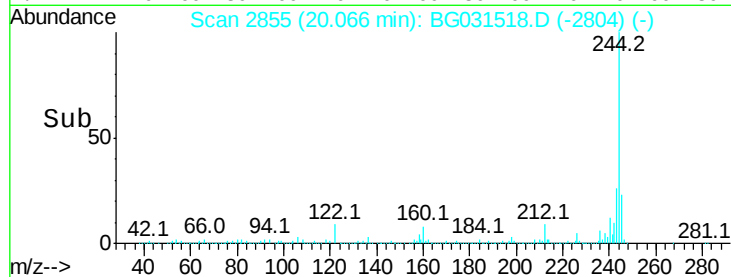
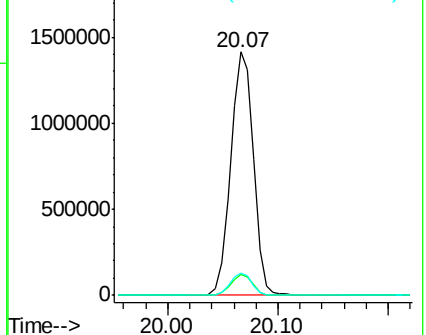
122 9.2 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG031518.D

Acq: 13 Dec 2017 8:03

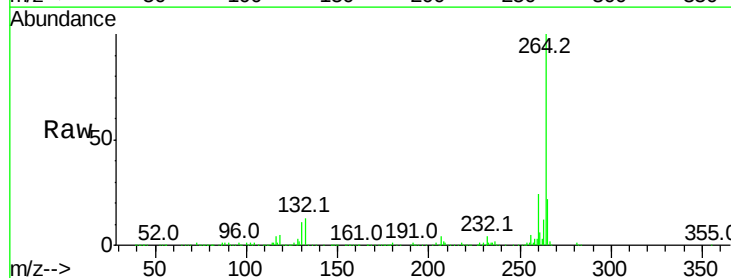
Tgt Ion:264 Resp: 553265

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.3 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

