

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031174.D
 Acq On : 22 Nov 2017 5:21
 Operator : SJ/JU
 Sample : I6539-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 111517-TIDO-F-D-S

Quant Time: Nov 22 06:22:40 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	56202	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	242325	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	164113	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	433773	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	529397	20.00	ng	-0.02
86) Perylene-d12	25.07	264	507763	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	140785	42.95	ng	0.00
7) Phenol-d6	7.30	99	117314	26.57	ng	0.00
23) Nitrobenzene-d5	9.31	82	371555	90.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	202116	76.13	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1098990	96.22	ng	-0.02
78) Terphenyl-d14	20.09	244	1866587	77.85	ng	0.00

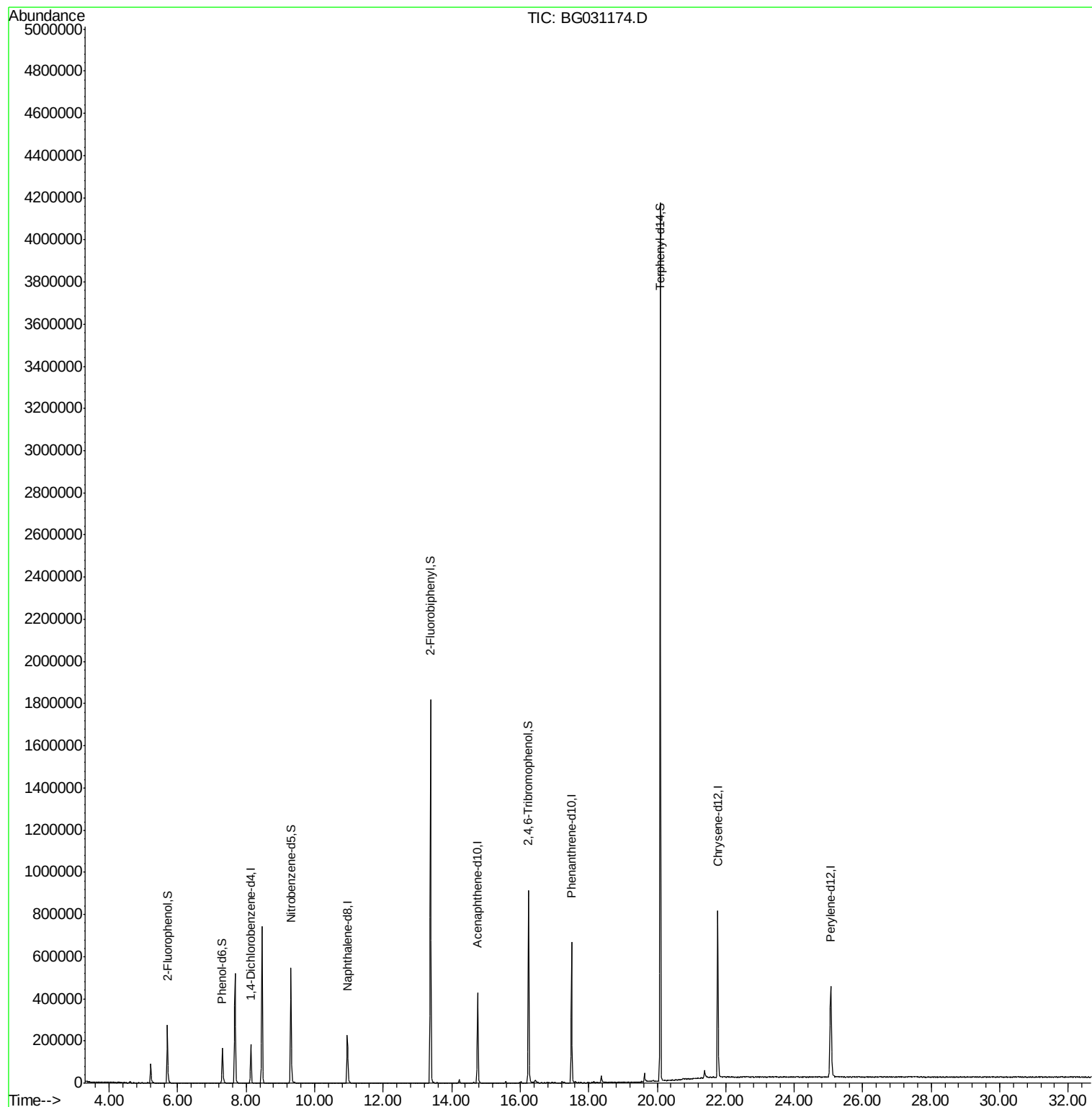
Target Compounds Qvalue

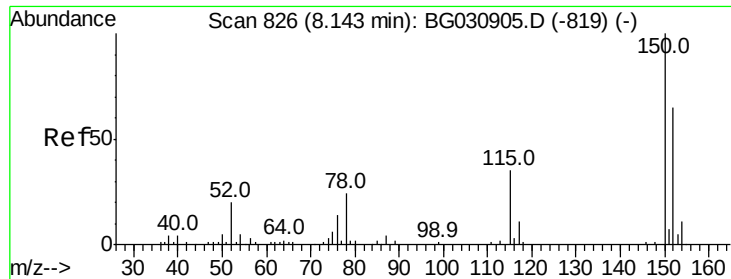
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031174.D
Acq On : 22 Nov 2017 5:21
Operator : SJ/JU
Sample : I6539-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
111517-TIDO-F-D-S

Quant Time: Nov 22 06:22:40 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



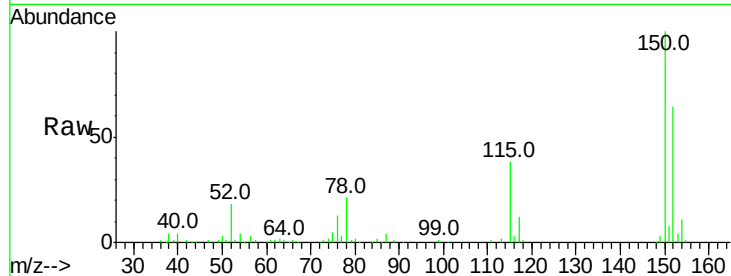


#1

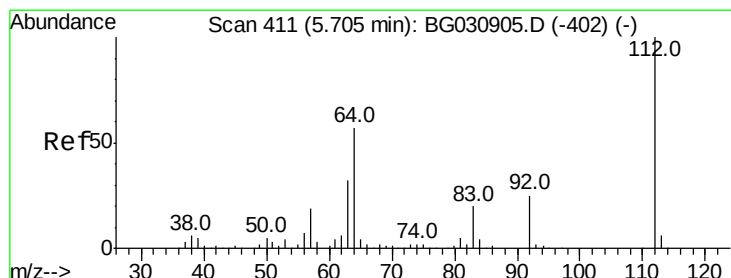
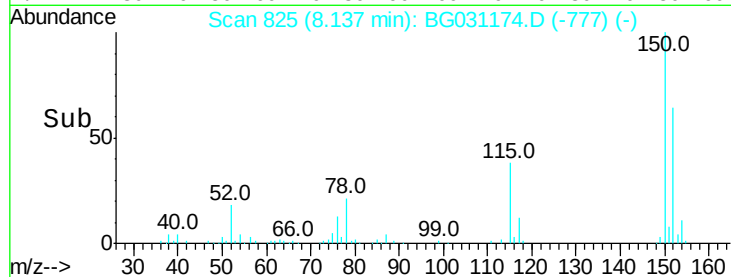
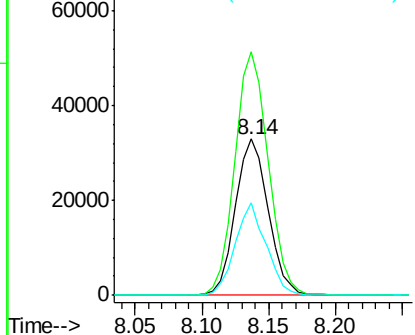
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031174.D
 Acq: 22 Nov 2017 5:21

Instrument :
 BNA_G
 ClientSampleId :
 111517-TIDO-F-D-S

Tot Ion:152 Resp: 56202
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.6 189.8
 115 59.3 53.0 79.4



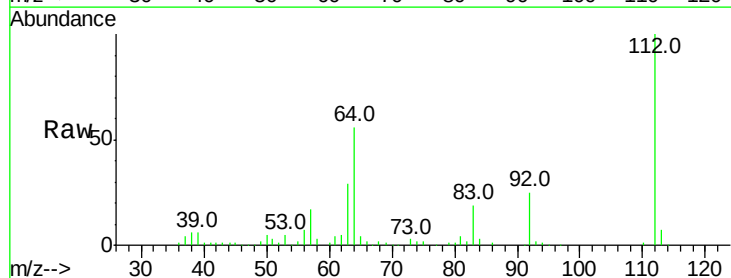
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



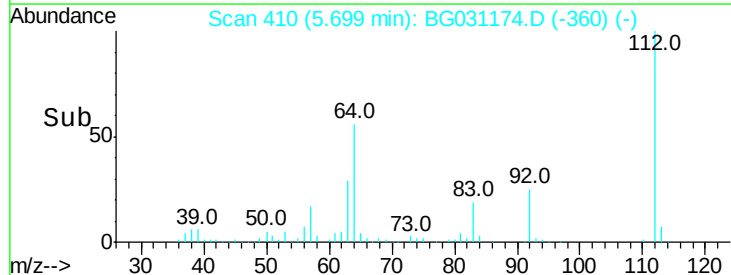
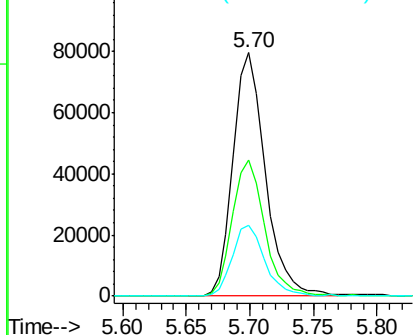
#5

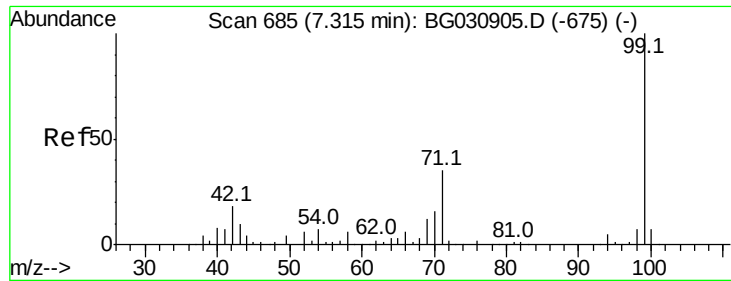
2-Fluorophenol
 Concen: 42.954 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031174.D
 Acq: 22 Nov 2017 5:21

Tgt Ion:112 Resp: 140785
 Ion Ratio Lower Upper
 112 100
 64 56.0 56.3 84.5#
 63 29.1 30.1 45.1#



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





#7

Phenol-d6

Concen: 26.568 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031174.D

Acq: 22 Nov 2017 5:21

Instrument :

BNA_G

ClientSampleId :

111517-TIDO-F-D-S

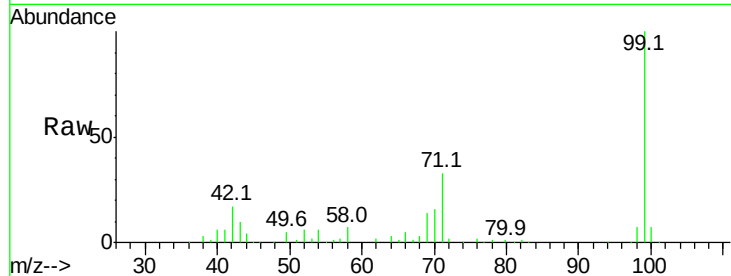
Tot Ion: 99 Resp: 117314

Ion Ratio Lower Upper

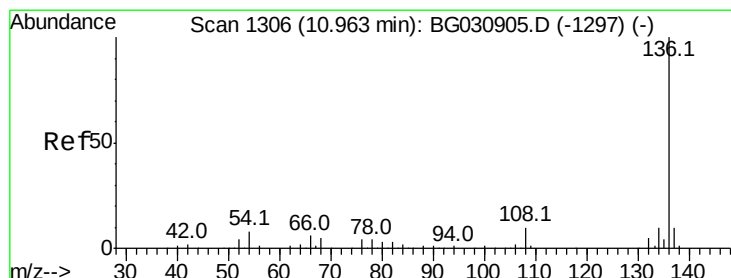
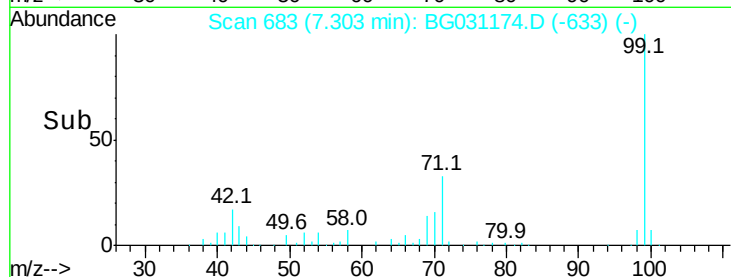
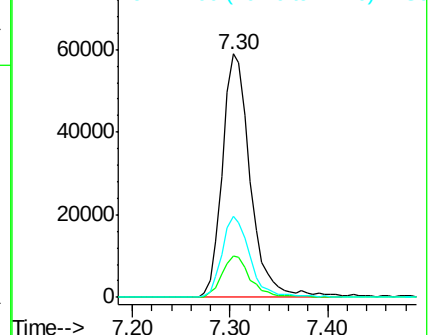
99 100

42 16.8 14.1 21.1

71 33.4 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: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031174.D

Acq: 22 Nov 2017 5:21

Tgt Ion: 136 Resp: 242325

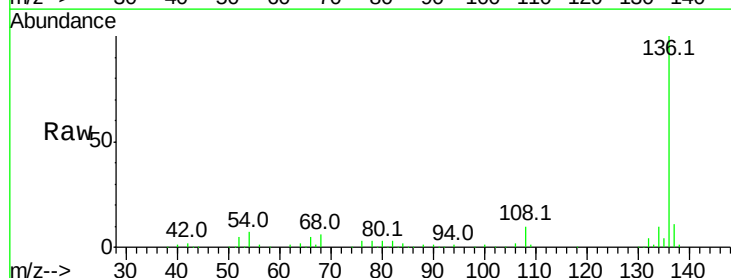
Ion Ratio Lower Upper

136 100

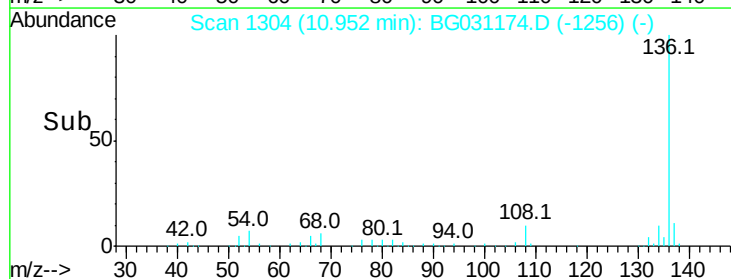
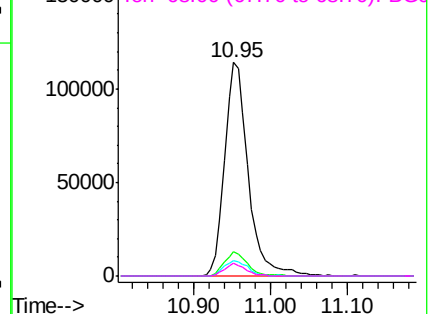
137 11.3 9.2 13.8

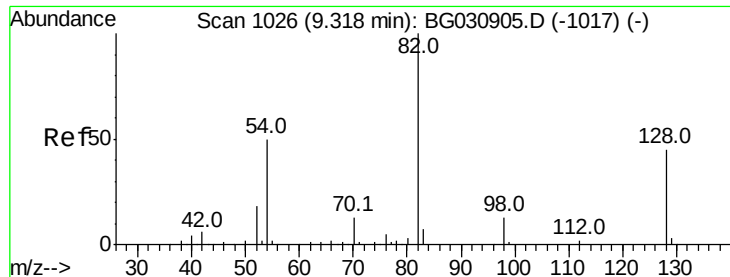
54 7.4 10.3 15.5#

68 5.8 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

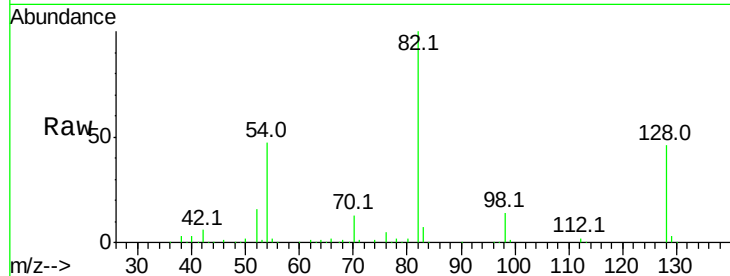




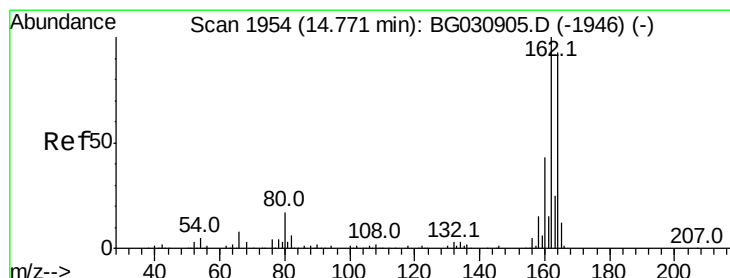
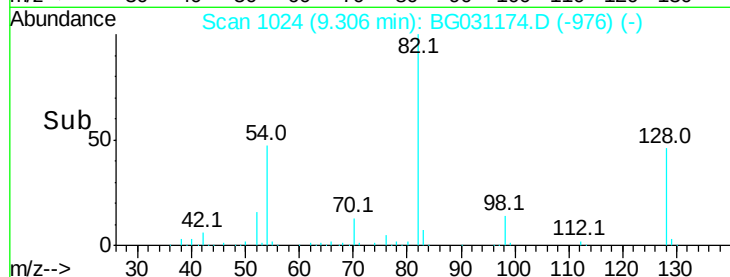
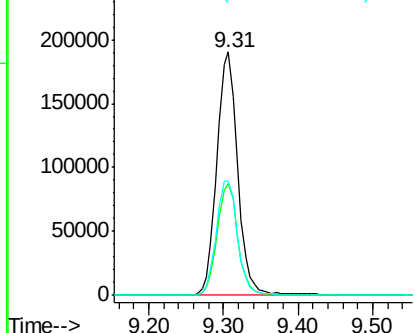
#23
 Nitrobenzene-d5
 Concen: 90.857 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031174.D
 Acq: 22 Nov 2017 5:21

Instrument :
 BNA_G
 ClientSampleId :
 111517-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	47.0	43.1	64.7

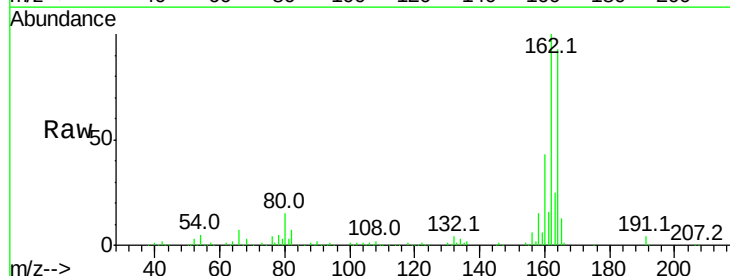


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

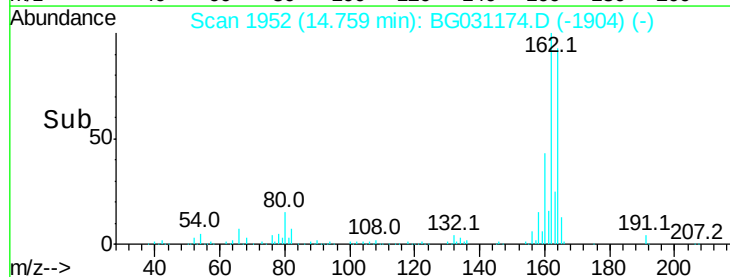
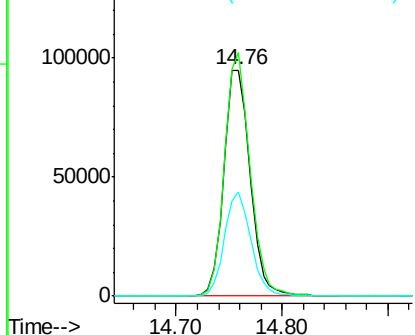


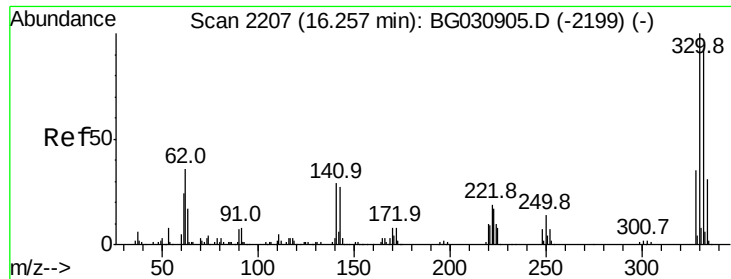
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031174.D
 Acq: 22 Nov 2017 5:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	78.8	118.2
160	45.9	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

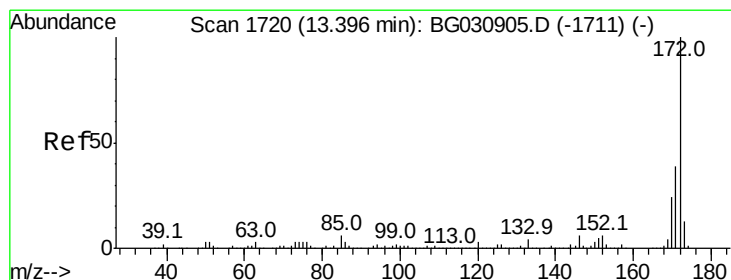
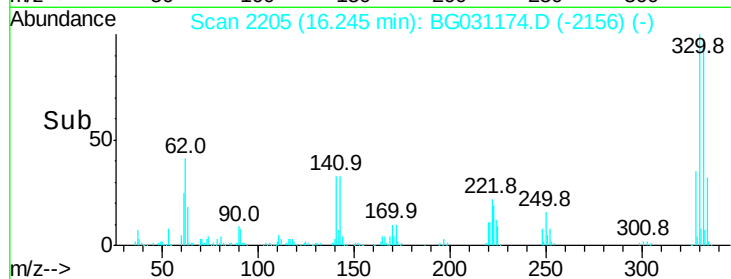
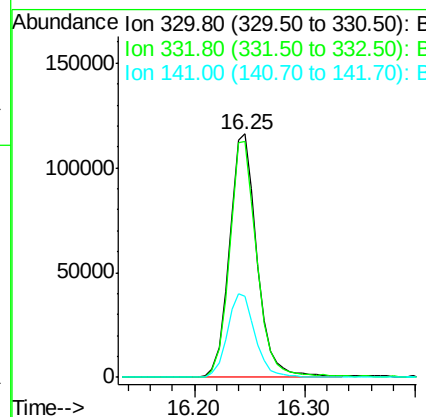
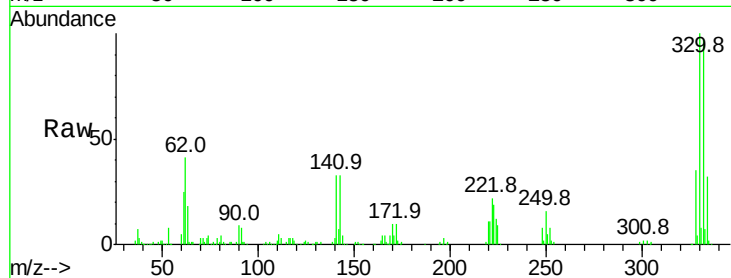




#41
 2,4,6-Tribromophenol
 Concen: 76.132 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031174.D
 Acq: 22 Nov 2017 5:21

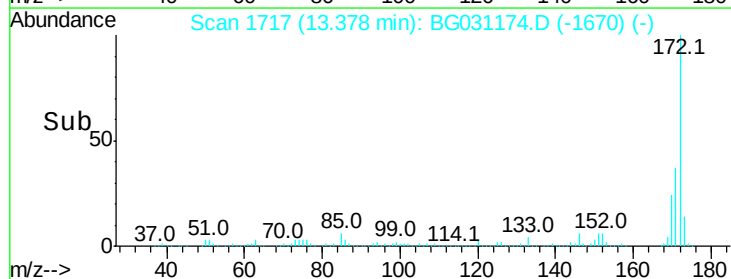
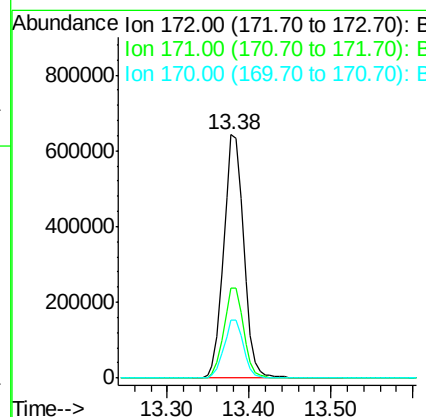
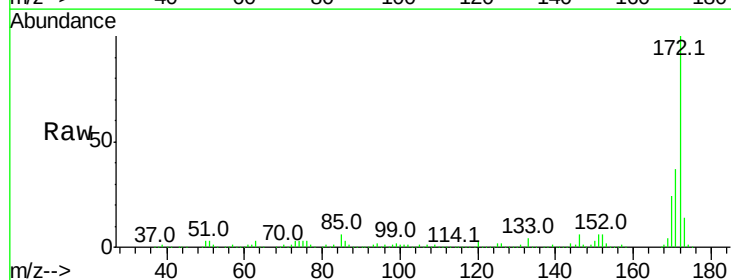
Instrument :
 BNA_G
 ClientSampleId :
 111517-TIDO-F-D-S

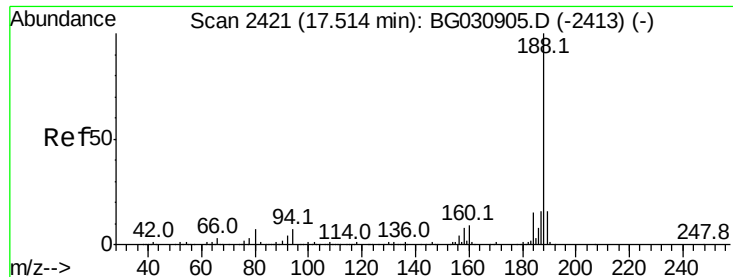
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 96.222 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031174.D
 Acq: 22 Nov 2017 5:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.9	19.5	29.3

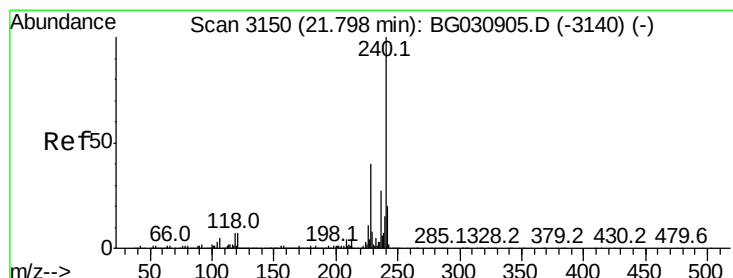
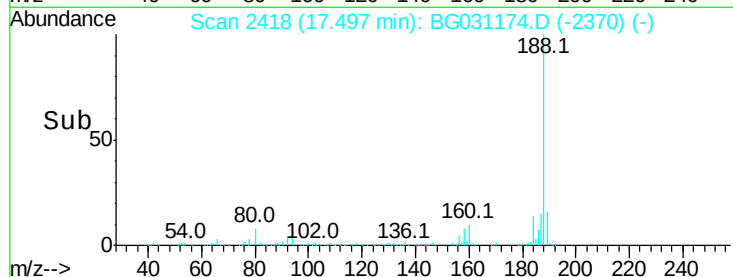
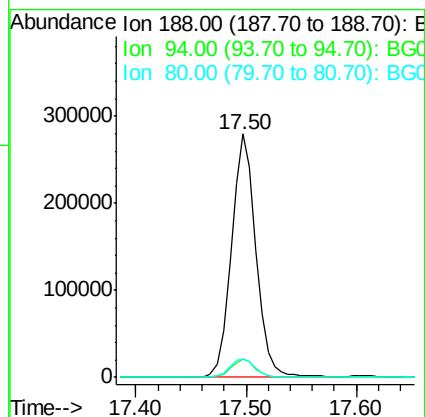
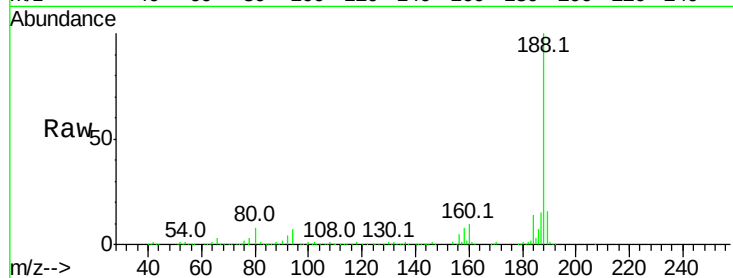




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031174.D
Acq: 22 Nov 2017 5:21

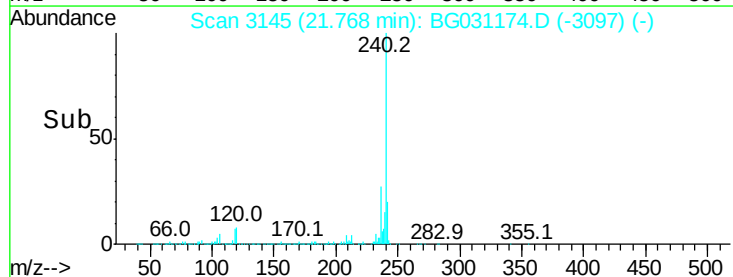
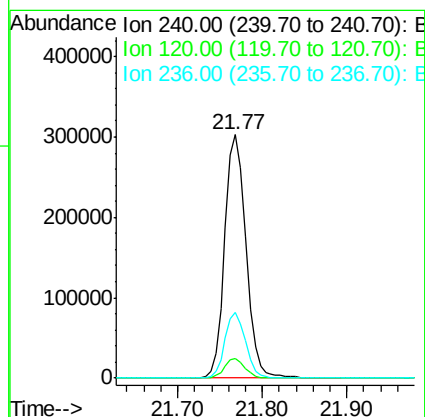
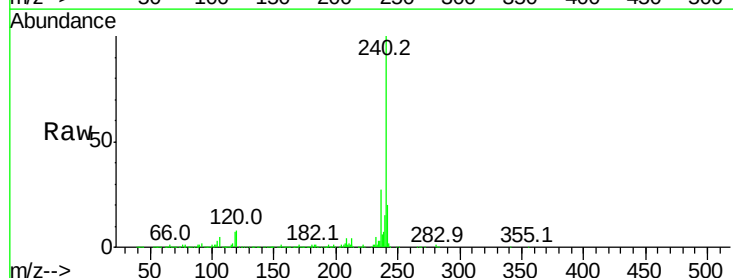
Instrument :
BNA_G
ClientSampleId :
111517-TIDO-F-D-S

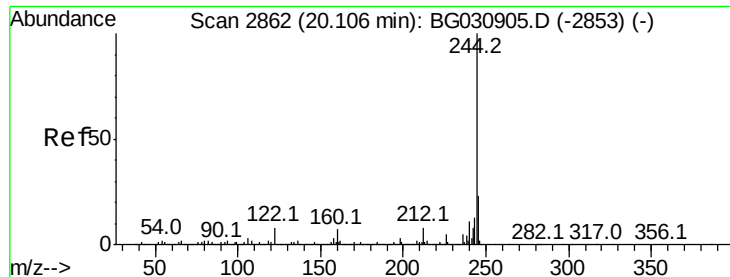
Tot Ion:188 Resp: 433773
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031174.D
Acq: 22 Nov 2017 5:21

Tgt Ion:240 Resp: 529397
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 77.854 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031174.D

Acq: 22 Nov 2017 5:21

Instrument :

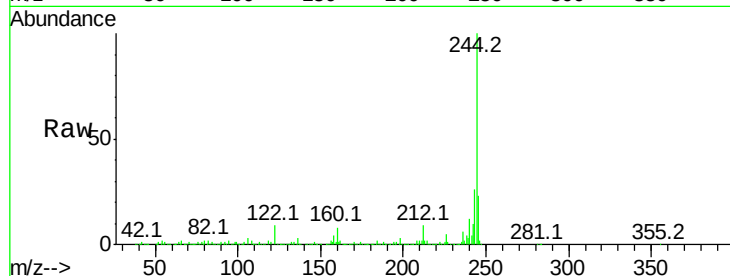
BNA_G

ClientSampleId :

111517-TIDO-F-D-S

Tot Ion:244 Resp: 1866587

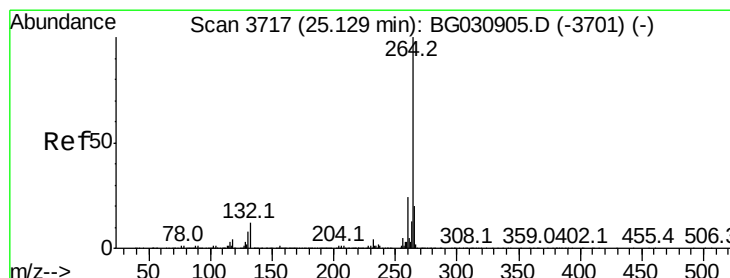
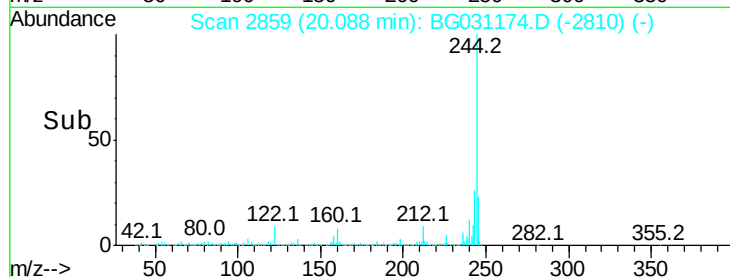
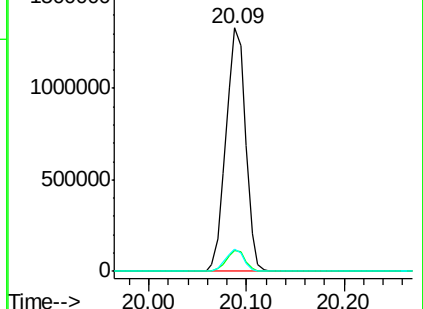
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.0	7.0	10.4



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

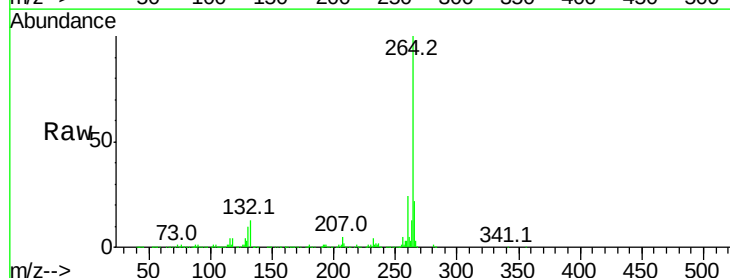
Delta R.T. -0.02 min

Lab File: BG031174.D

Acq: 22 Nov 2017 5:21

Tgt Ion:264 Resp: 507763

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.9	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

