

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031175.D
 Acq On : 22 Nov 2017 5:59
 Operator : SJ/JU
 Sample : I6539-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 111517-TIDO-F-U-B

Quant Time: Nov 22 07:14:00 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	57587	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	250943	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	167460	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	442529	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	533093	20.00	ng	-0.02
86) Perylene-d12	25.07	264	512150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	136815	40.74	ng	-0.01
7) Phenol-d6	7.30	99	120388	26.61	ng	0.00
23) Nitrobenzene-d5	9.31	82	377260	89.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	210867	77.84	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1106965	94.98	ng	-0.02
78) Terphenyl-d14	20.09	244	1915557	79.34	ng	-0.01

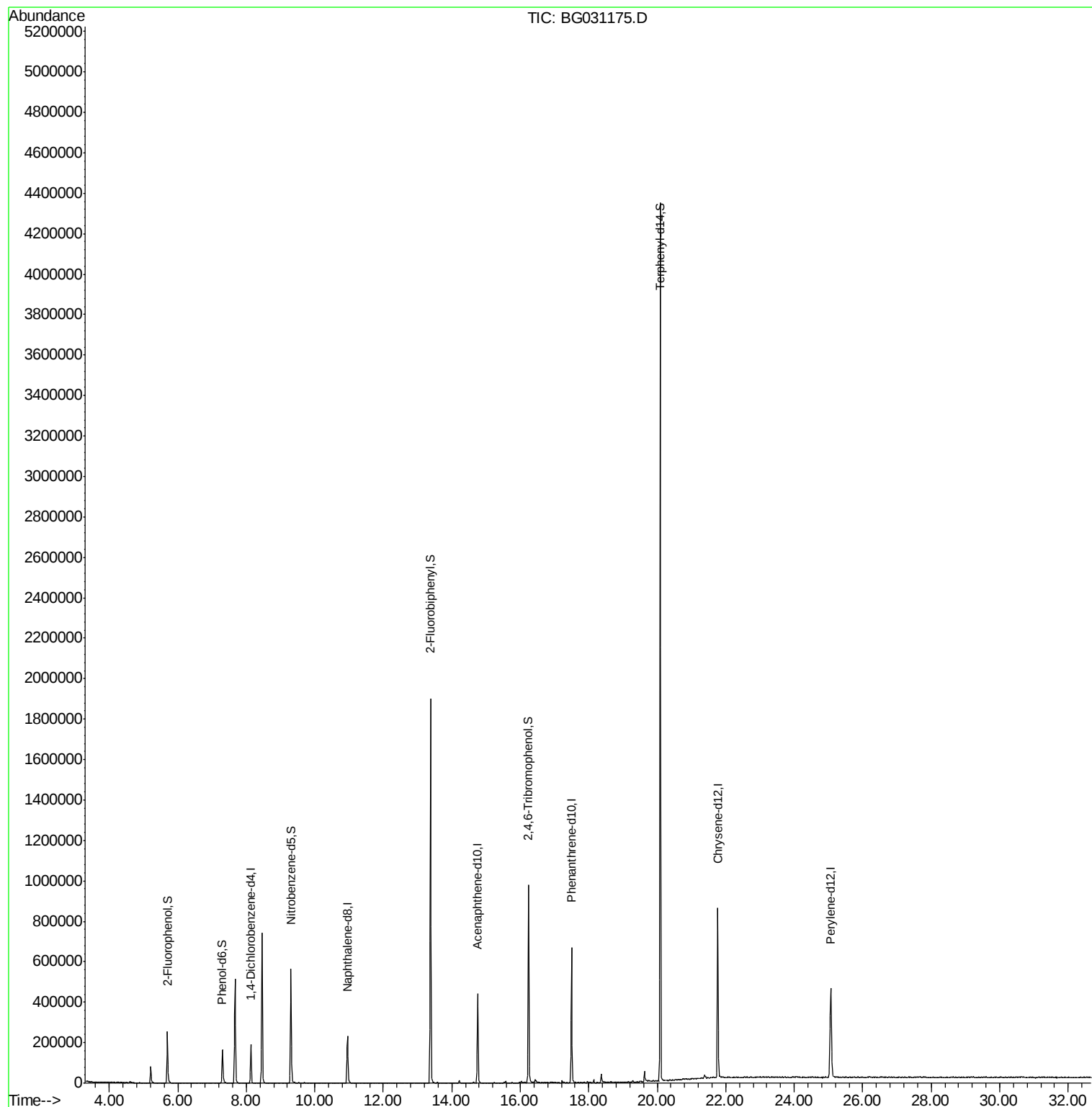
Target Compounds Qvalue

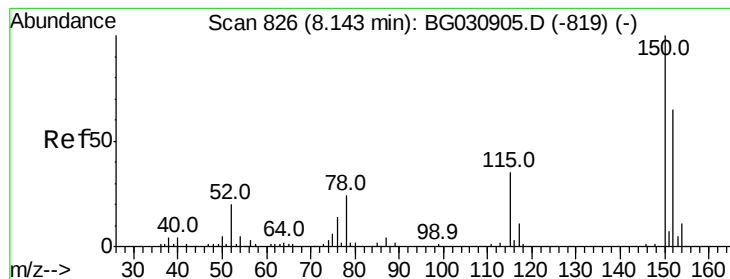
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SJ/JU
Sample : I6539-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
111517-TIDO-F-U-B

Quant Time: Nov 22 07:14:00 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



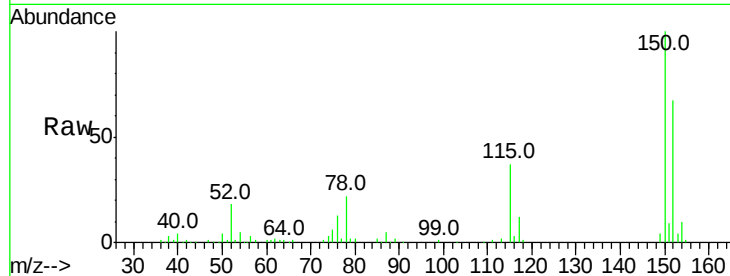


#1

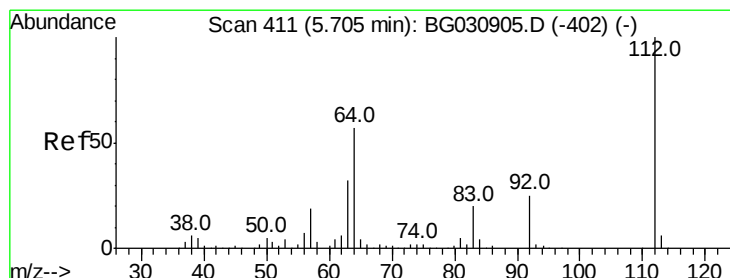
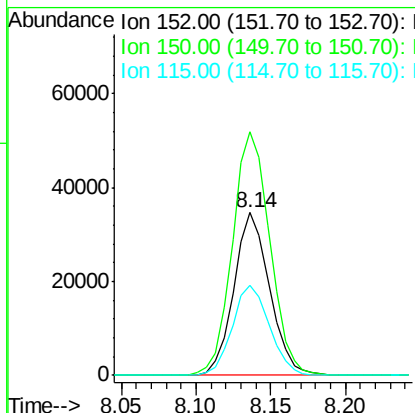
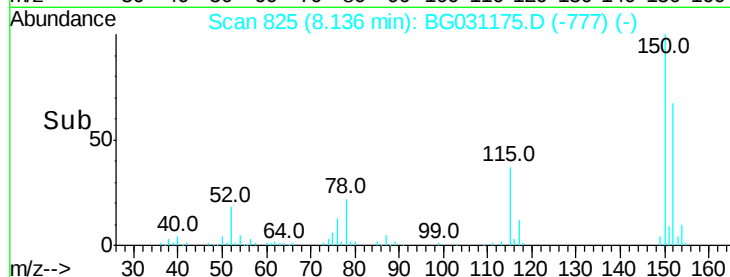
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_G
ClientSampleId :
111517-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.6	189.8
115	55.4	53.0	79.4



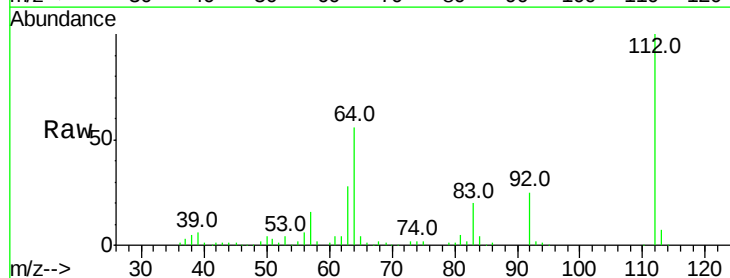
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



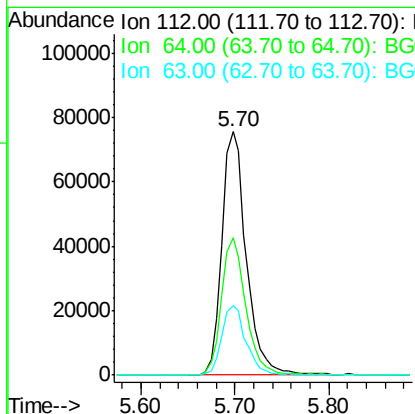
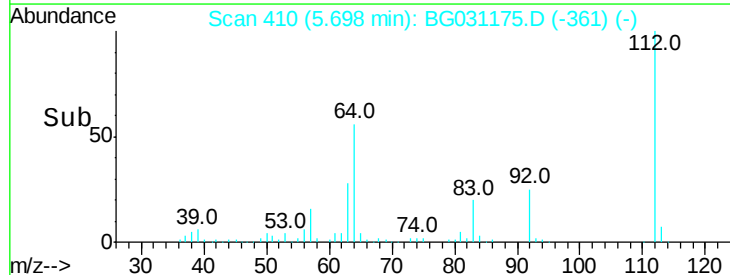
#5

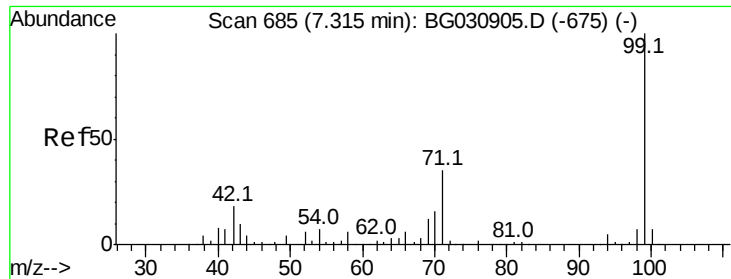
2-Fluorophenol
Concen: 40.739 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	56.3	84.5#
63	28.3	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: 26.609 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031175.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_G

ClientSampleId :

111517-TIDO-F-U-B

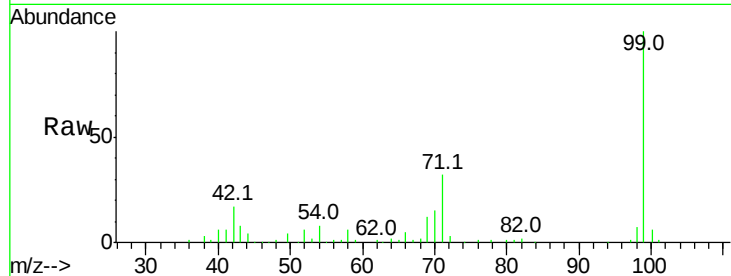
Tot Ion: 99 Resp: 120388

Ion Ratio Lower Upper

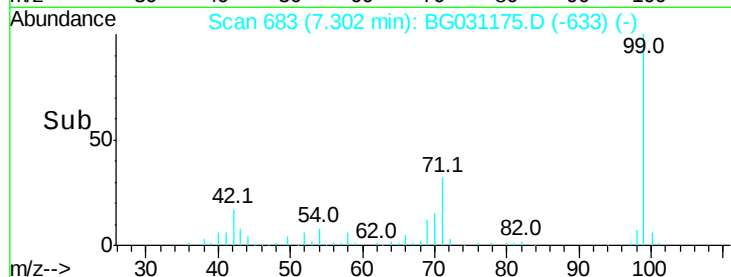
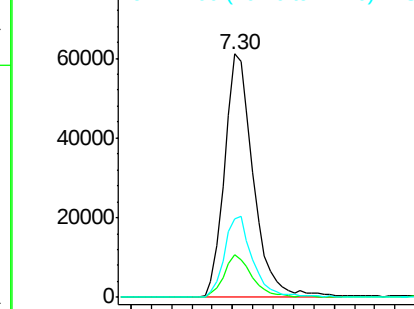
99 100

42 17.4 14.1 21.1

71 32.4 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031175.D

Acq: 22 Nov 2017 5:59

Tgt Ion: 136 Resp: 250943

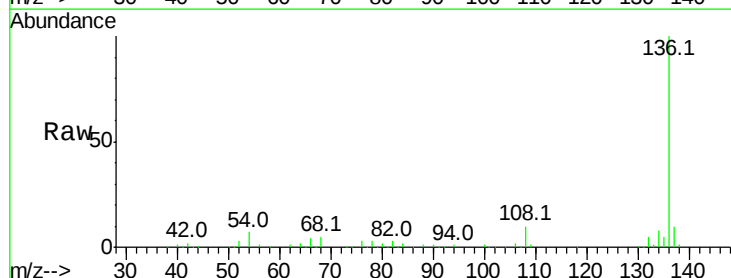
Ion Ratio Lower Upper

136 100

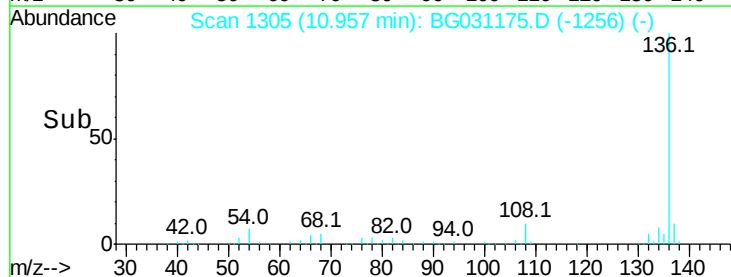
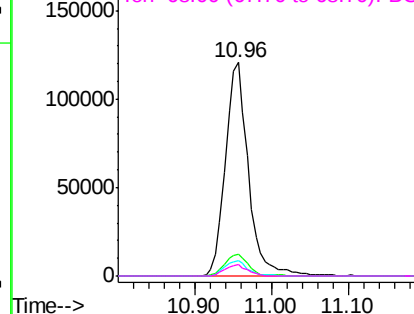
137 10.1 9.2 13.8

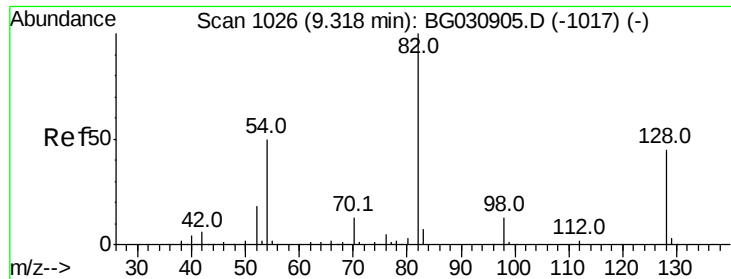
54 6.9 10.3 15.5#

68 5.3 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

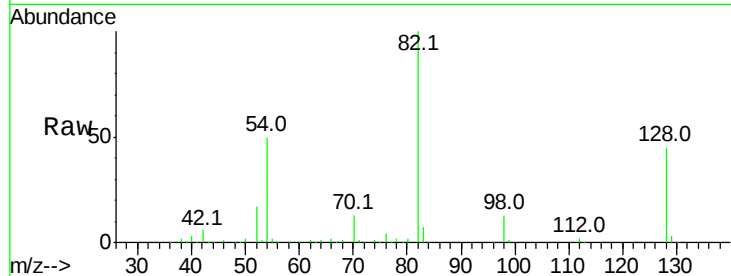




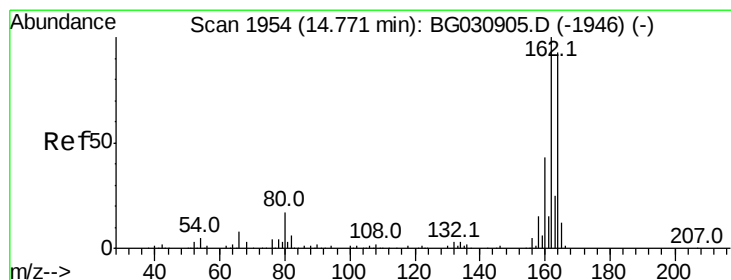
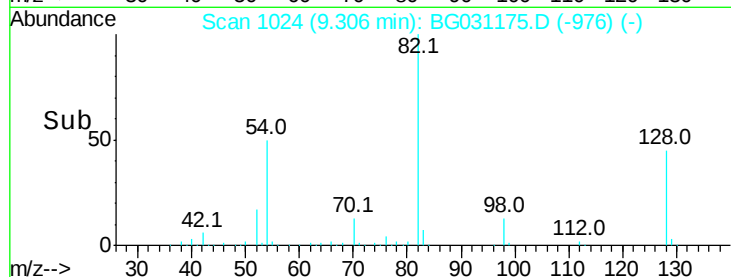
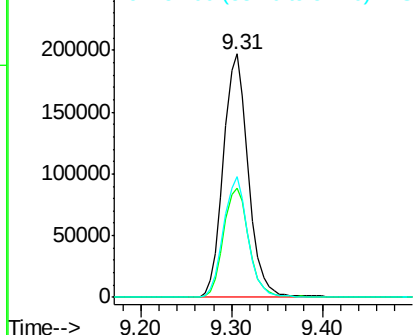
#23
Nitrobenzene-d5
Concen: 89.084 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_G
ClientSampleId :
111517-TIDO-F-U-B

Tot Ion: 82 Resp: 377260
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 49.6 43.1 64.7

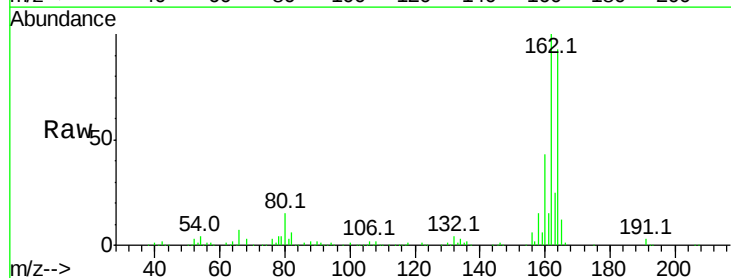


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

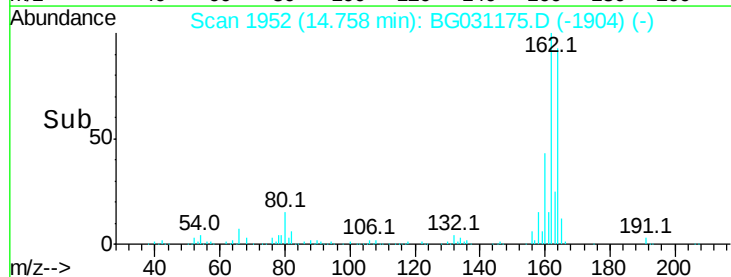
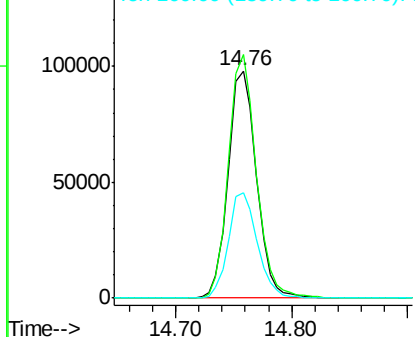


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Tgt Ion:164 Resp: 167460
Ion Ratio Lower Upper
164 100
162 107.3 78.8 118.2
160 46.5 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

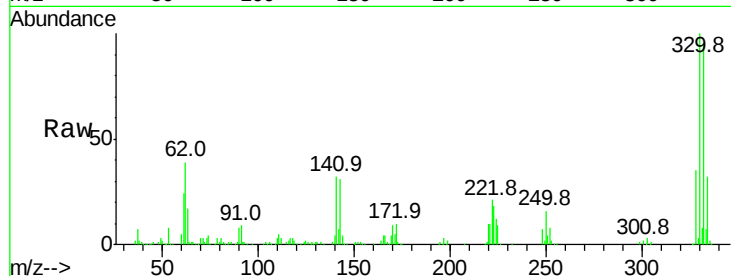




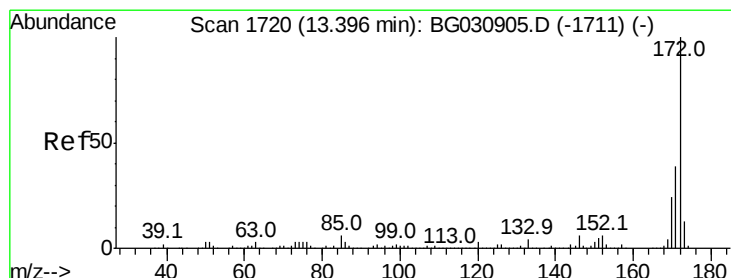
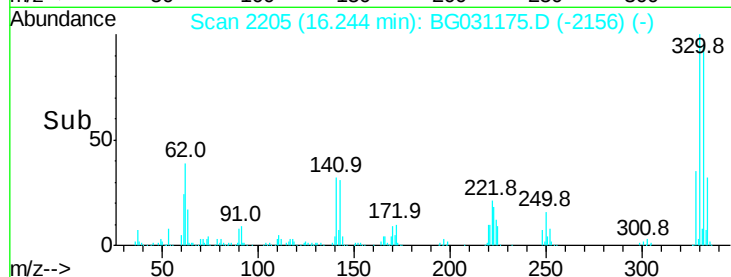
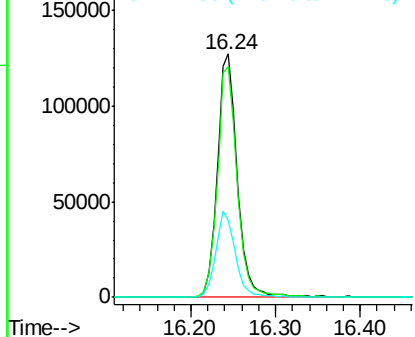
#41
 2,4,6-Tribromophenol
 Concen: 77.841 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031175.D
 Acq: 22 Nov 2017 5:59

Instrument :
 BNA_G
 ClientSampleId :
 111517-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	34.8	25.2	37.8

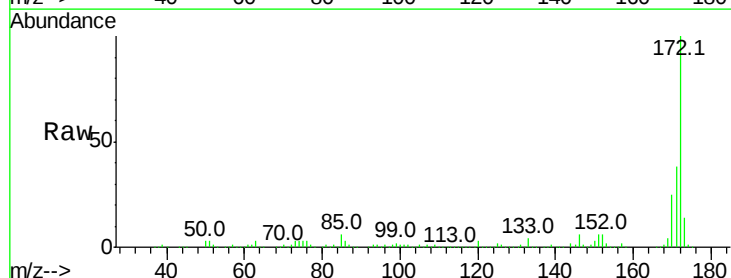


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

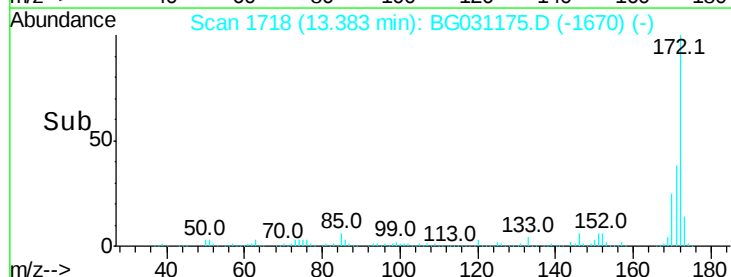
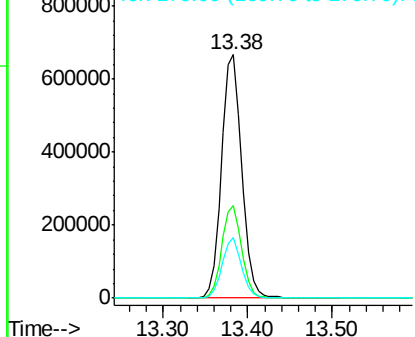


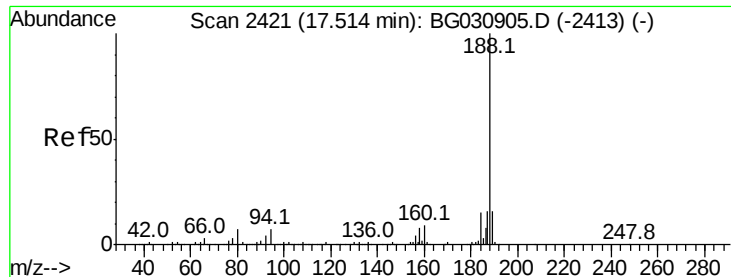
#44
 2-Fluorobiphenyl
 Concen: 94.983 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031175.D
 Acq: 22 Nov 2017 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.8	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: BG031175.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_G

ClientSampleId :

111517-TIDO-F-U-B

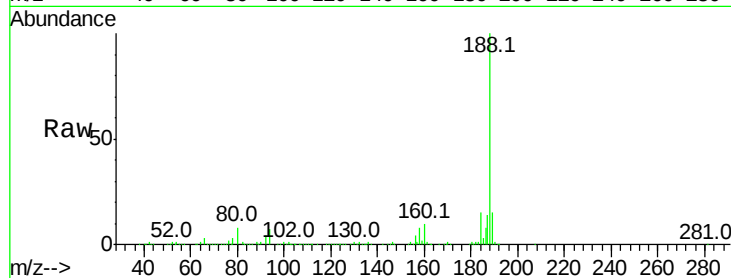
Tot Ion:188 Resp: 442529

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

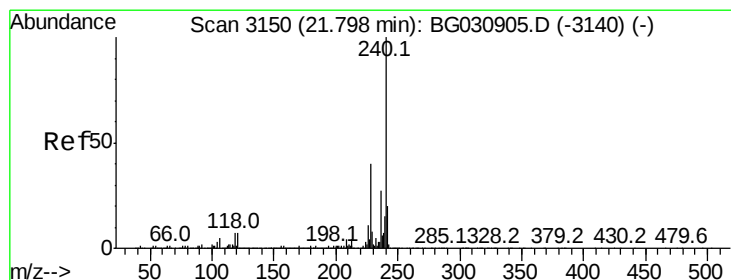
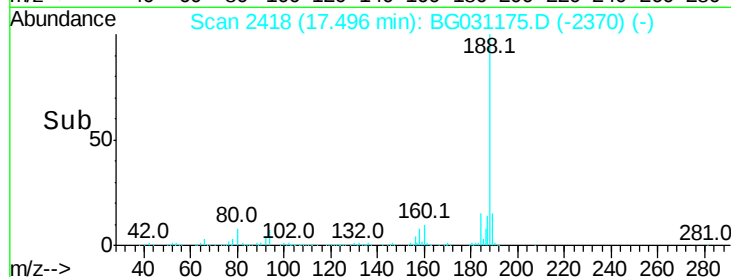
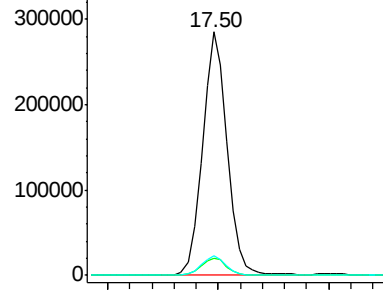
80 7.8 7.7 11.5



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# 3145

Delta R.T. -0.02 min

Lab File: BG031175.D

Acq: 22 Nov 2017 5:59

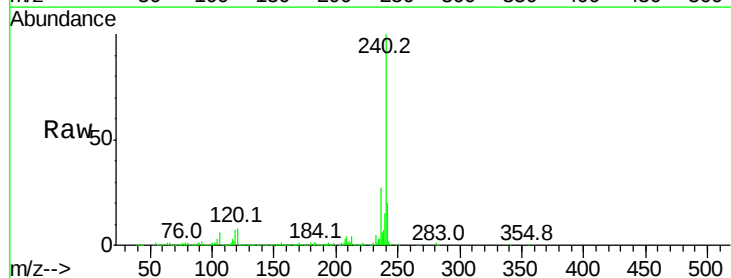
Tgt Ion:240 Resp: 533093

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

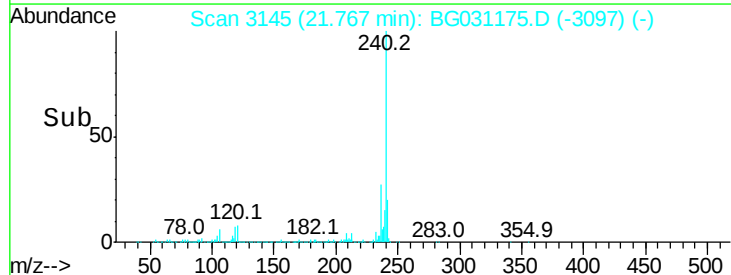
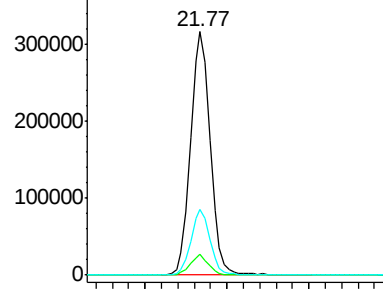
236 26.8 20.9 31.3



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: 79.343 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031175.D

Acq: 22 Nov 2017 5:59

Instrument :

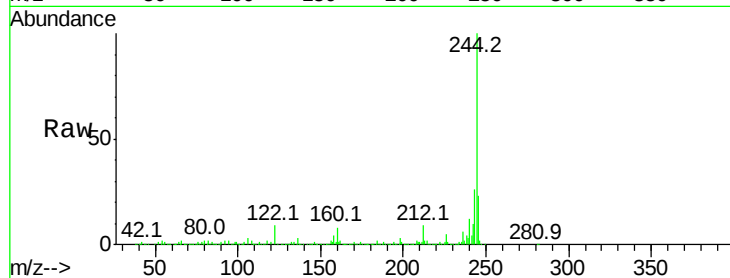
BNA_G

ClientSampleId :

111517-TIDO-F-U-B

Tot Ion:244 Resp: 1915557

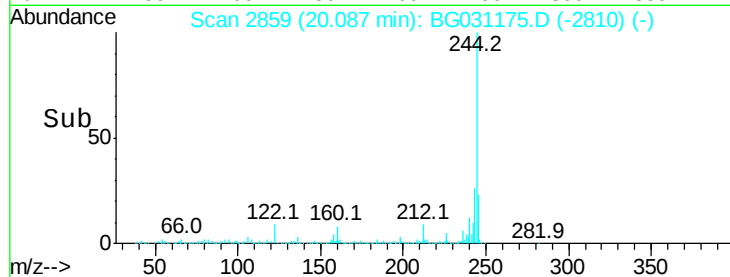
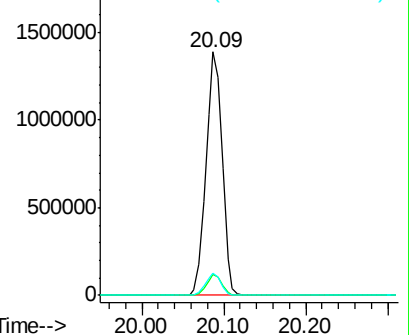
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.1	7.0	10.4



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: 25.07 min Scan# 3707

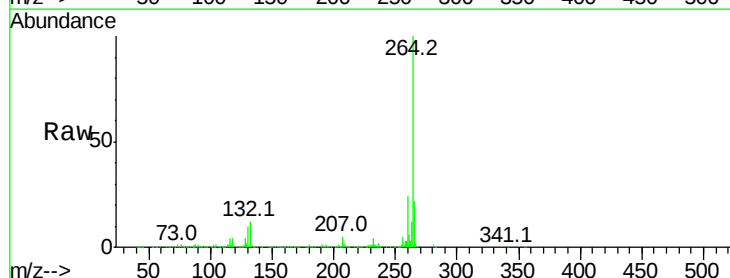
Delta R.T. -0.02 min

Lab File: BG031175.D

Acq: 22 Nov 2017 5:59

Tgt Ion:264 Resp: 512150

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.5	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

