

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031173.D
 Acq On : 22 Nov 2017 4:44
 Operator : SJ/JU
 Sample : I6539-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 22 06:15:49 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	54867	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	238970	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	159248	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	417019	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	512751	20.00	ng	-0.02
86) Perylene-d12	25.07	264	486863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	161905	50.60	ng	-0.01
7) Phenol-d6	7.30	99	135144	31.35	ng	0.00
23) Nitrobenzene-d5	9.30	82	383636	95.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	207493	80.54	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1125301	101.54	ng	-0.02
78) Terphenyl-d14	20.09	244	1934163	83.29	ng	0.00

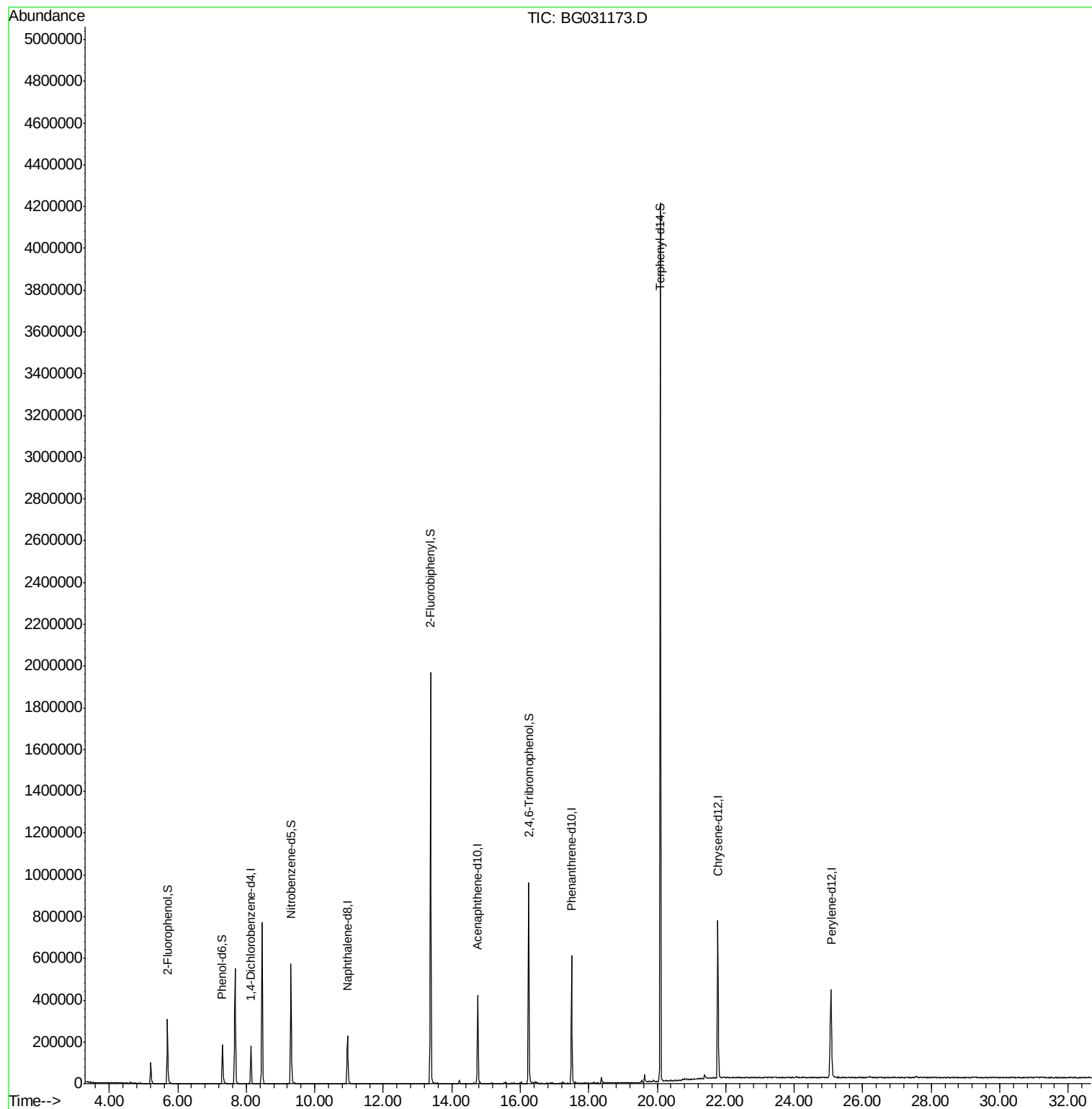
Target Compounds Qvalue

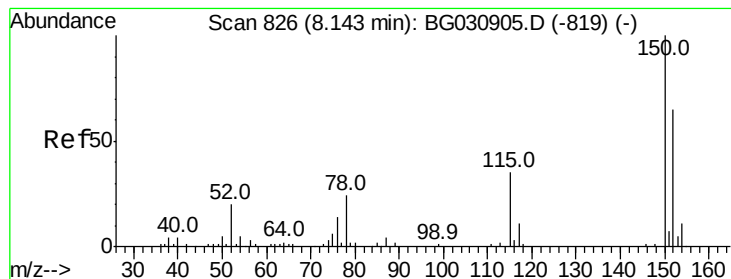
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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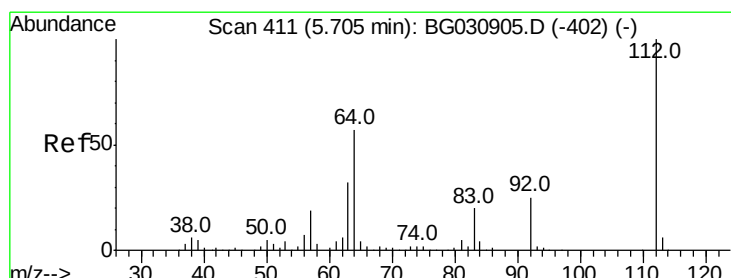
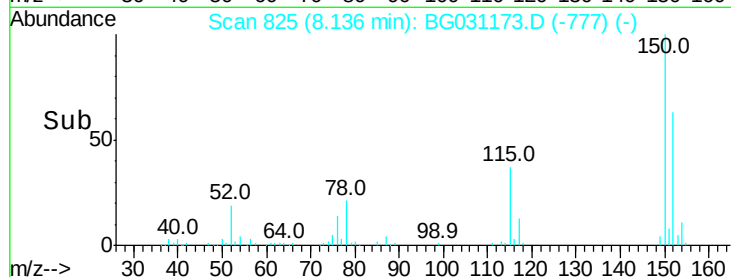
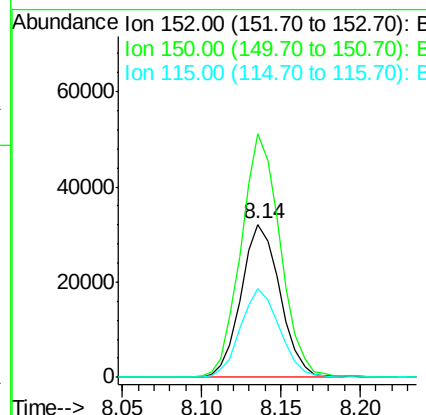
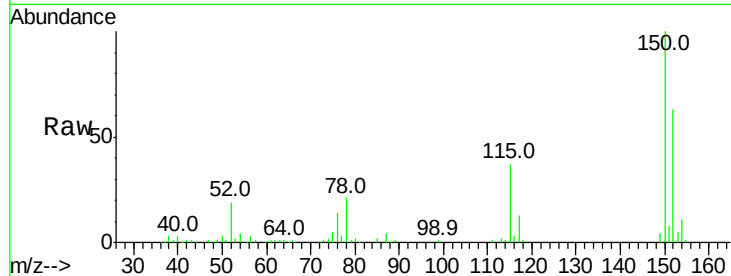


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031173.D
Acq: 22 Nov 2017 4:44

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

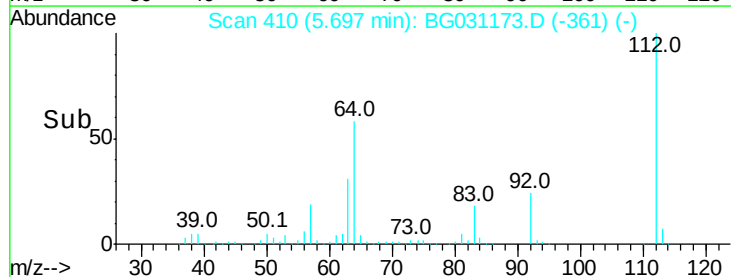
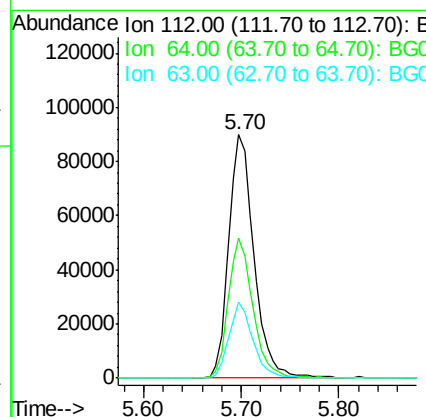
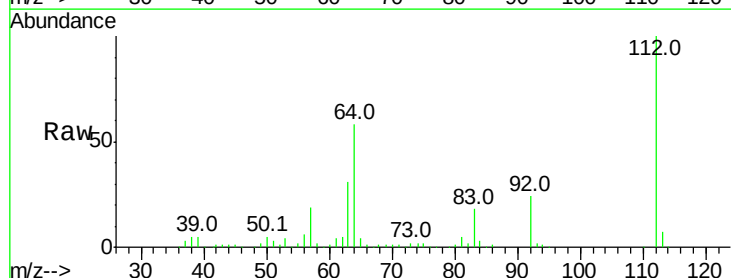
Tot Ion:152 Resp: 54867
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 58.1 53.0 79.4

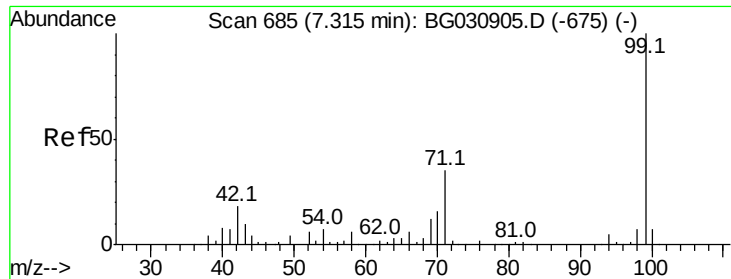


#5

2-Fluorophenol
Concen: 50.600 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031173.D
Acq: 22 Nov 2017 4:44

Tgt Ion:112 Resp: 161905
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 31.4 30.1 45.1





#7

Phenol-d6

Concen: 31.351 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031173.D

Acq: 22 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

111517-TIDO-F-D-B

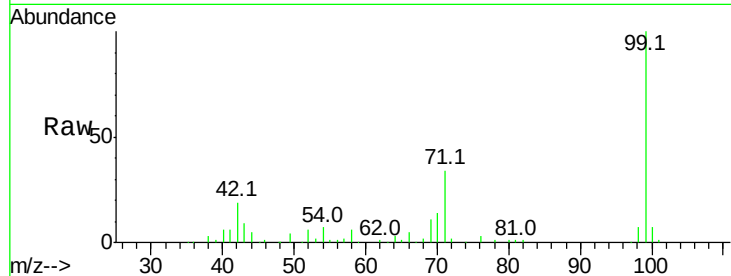
Tot Ion: 99 Resp: 135144

Ion Ratio Lower Upper

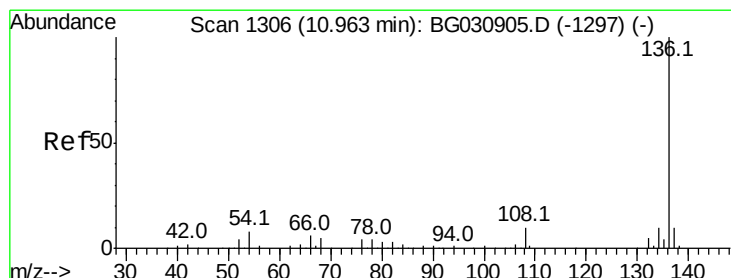
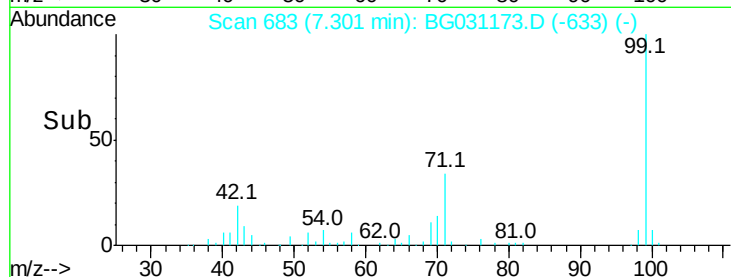
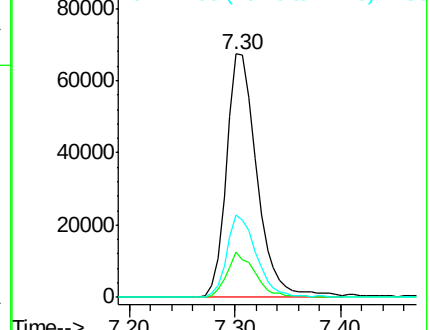
99 100

42 18.5 14.1 21.1

71 33.7 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: BG031173.D

Acq: 22 Nov 2017 4:44

Tgt Ion: 136 Resp: 238970

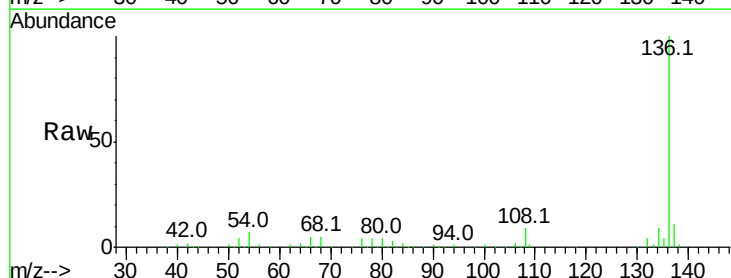
Ion Ratio Lower Upper

136 100

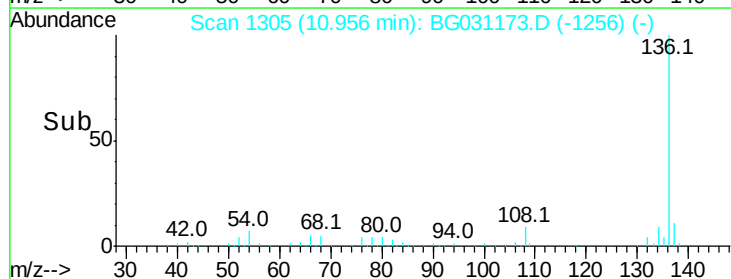
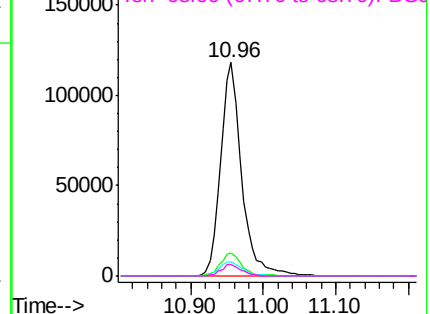
137 10.7 9.2 13.8

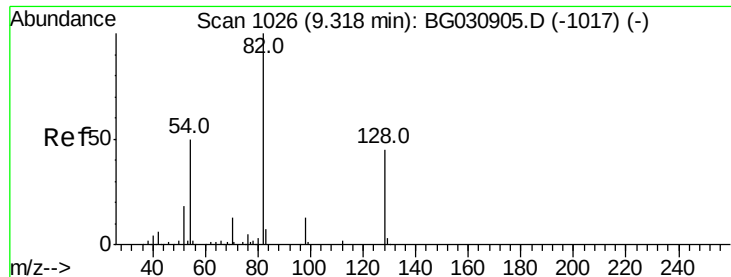
54 6.8 10.3 15.5#

68 5.4 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

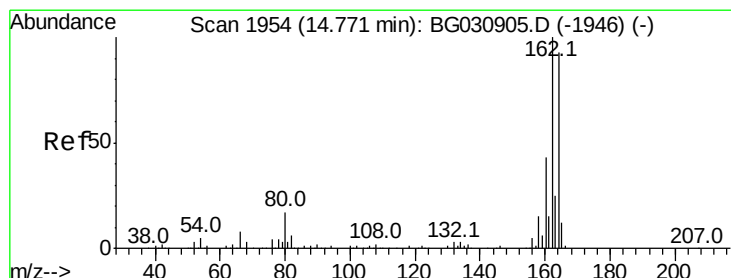
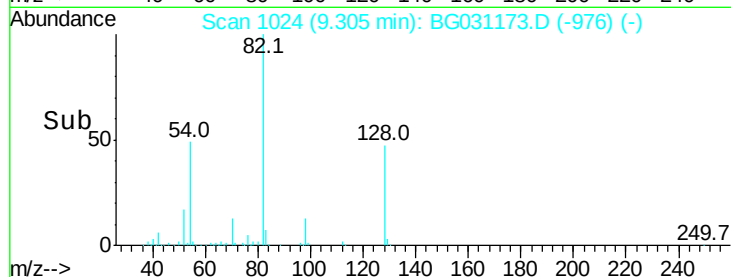
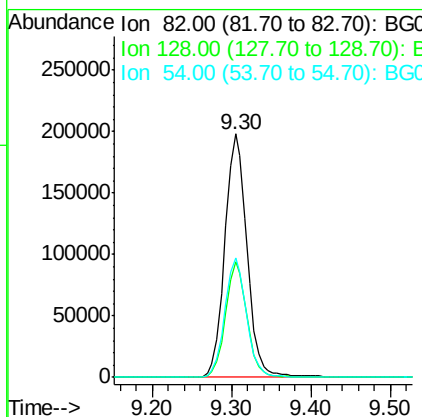
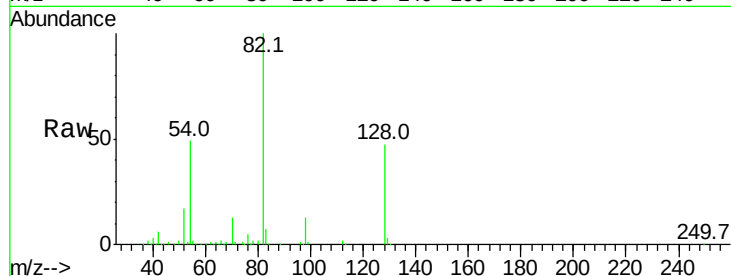




#23
Nitrobenzene-d5
Concen: 95.128 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031173.D
Acq: 22 Nov 2017 4:44

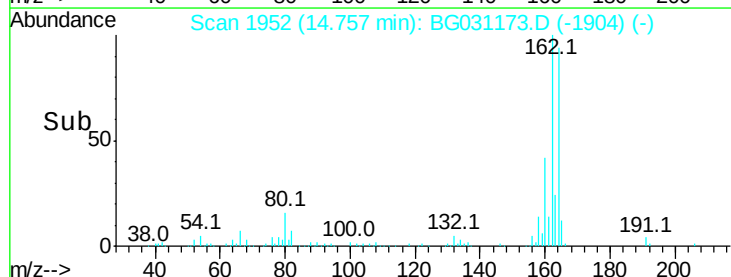
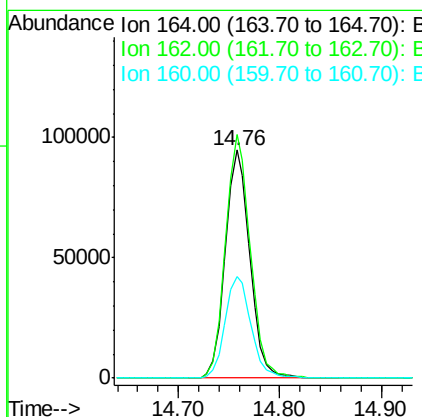
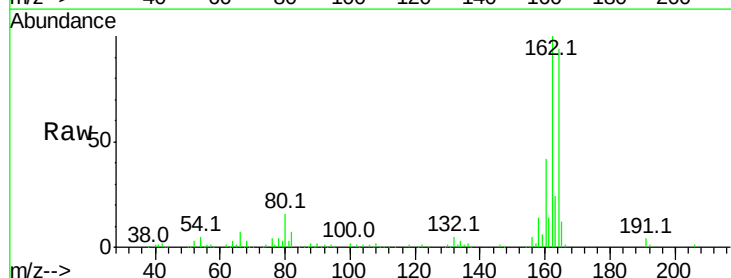
Instrument :
BNA_G
ClientSampleId :
111517-TIDO-F-D-B

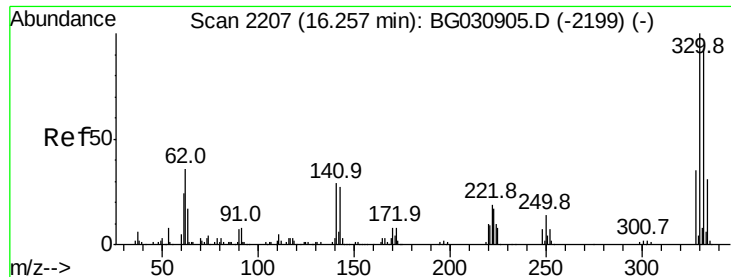
Tot Ion: 82 Resp: 383636
Ion Ratio Lower Upper
82 100
128 47.3 29.7 44.5#
54 48.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031173.D
Acq: 22 Nov 2017 4:44

Tgt Ion:164 Resp: 159248
Ion Ratio Lower Upper
164 100
162 106.7 78.8 118.2
160 44.8 35.4 53.0

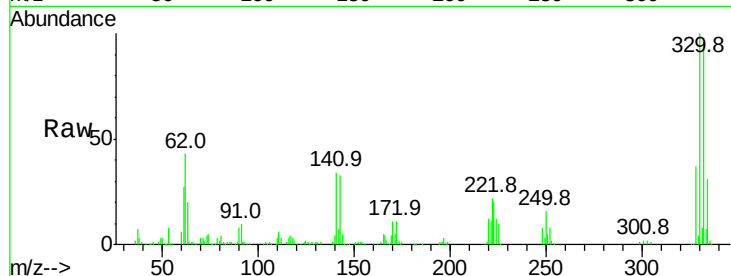




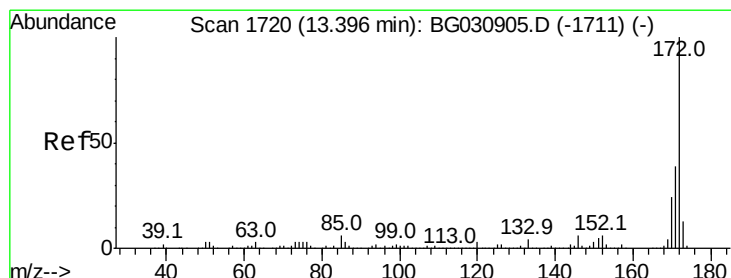
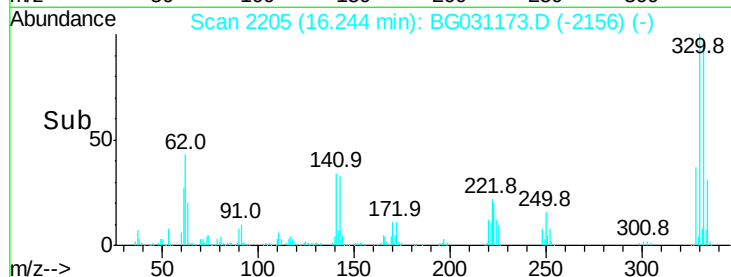
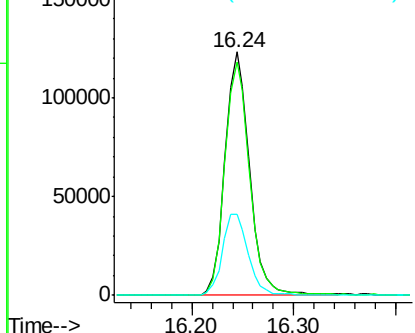
#41
 2,4,6-Tribromophenol
 Concen: 80.545 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031173.D
 Acq: 22 Nov 2017 4:44

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.8	25.2	37.8

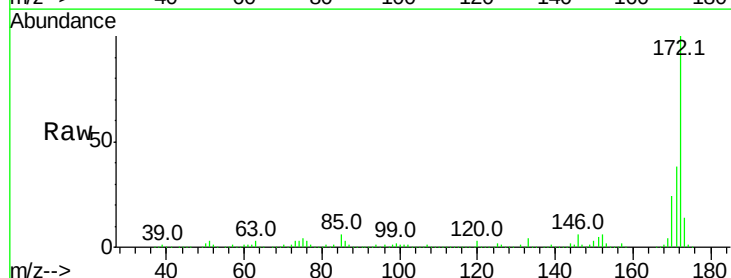


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

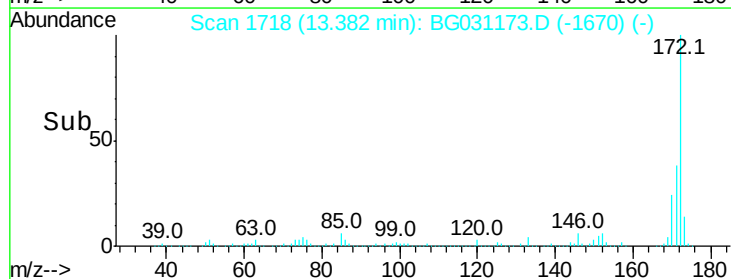
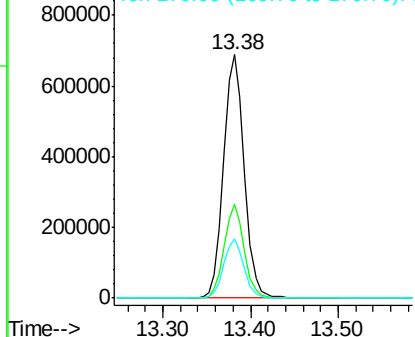


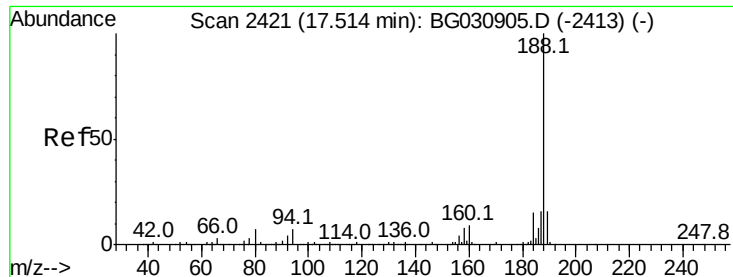
#44
 2-Fluorobiphenyl
 Concen: 101.536 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031173.D
 Acq: 22 Nov 2017 4:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.3	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: BG031173.D

Acq: 22 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

111517-TIDO-F-D-B

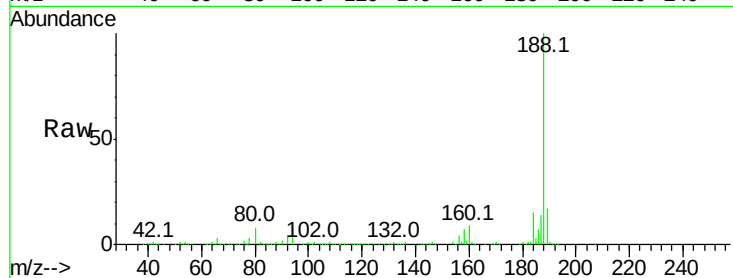
Tot Ion:188 Resp: 417019

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

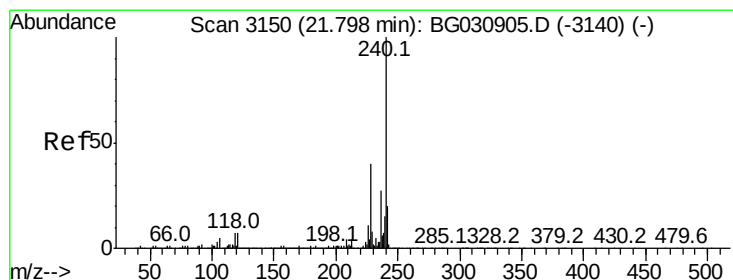
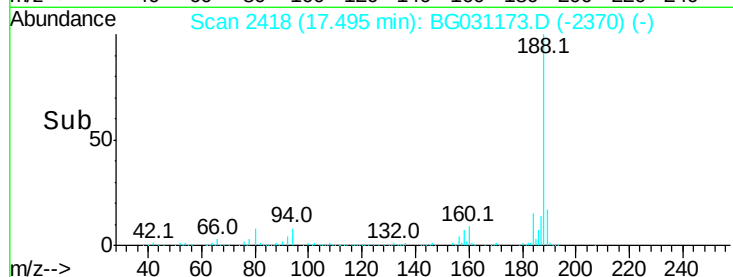
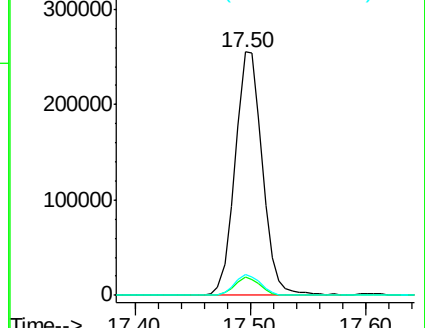
80 8.3 7.7 11.5



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: BG031173.D

Acq: 22 Nov 2017 4:44

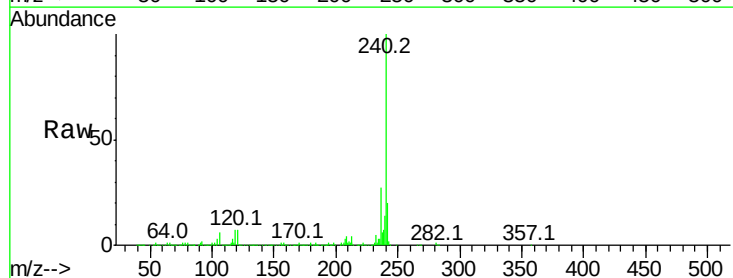
Tgt Ion:240 Resp: 512751

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

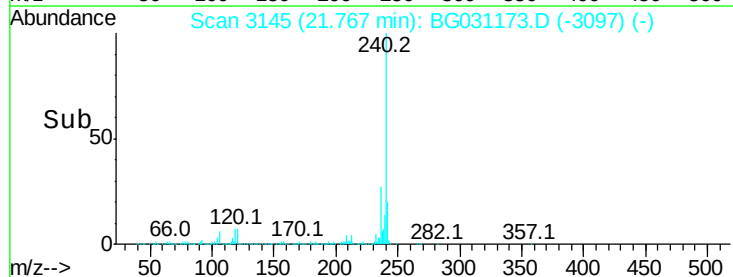
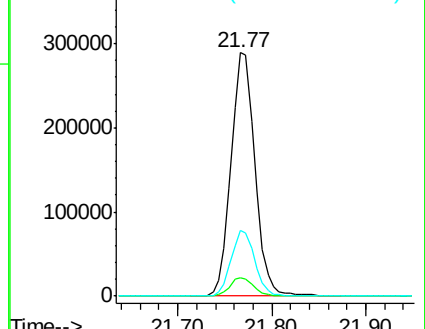
236 26.9 20.9 31.3

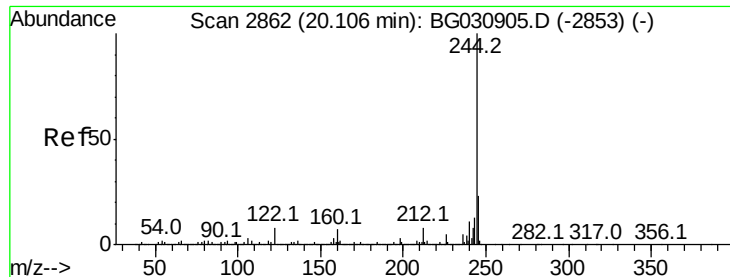


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.292 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031173.D

Acq: 22 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

111517-TIDO-F-D-B

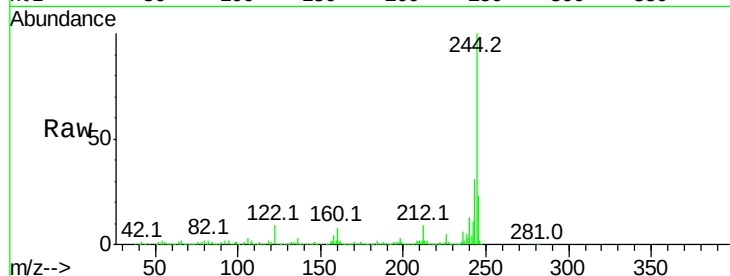
Tot Ion:244 Resp: 1934163

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

244 100

212 8.7 5.8 8.8

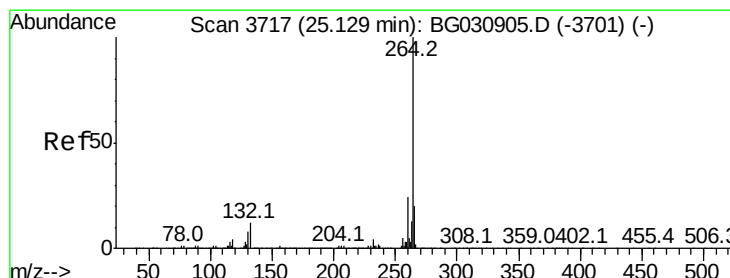
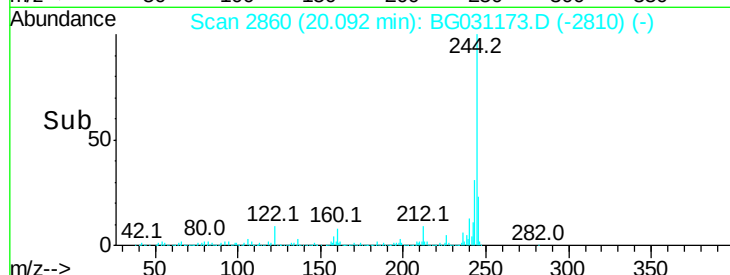
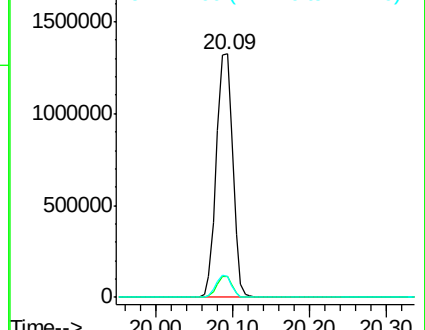
122 8.8 7.0 10.4



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# 3708

Delta R.T. -0.02 min

Lab File: BG031173.D

Acq: 22 Nov 2017 4:44

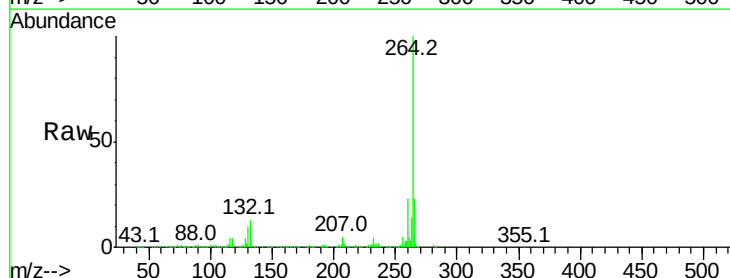
Tgt Ion:264 Resp: 486863

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.5	17.7	26.5

264 100

260 23.2 17.4 26.0

265 22.5 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

