

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030944.D
 Acq On : 11 Nov 2017 15:15
 Operator : SJ/JU
 Sample : I6409-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-110917-02-FREEZE-PIT

Quant Time: Nov 13 03:21:03 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	39188	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	160575	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	107983	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	293500	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	398769	20.00	ng	-0.02
86) Perylene-d12	25.07	264	424036	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	309033	135.22	ng	0.00
7) Phenol-d6	7.31	99	356037	115.64	ng	0.00
23) Nitrobenzene-d5	9.31	82	268016	98.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	286072	163.77	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	794839	105.77	ng	-0.02
78) Terphenyl-d14	20.09	244	1648552	91.28	ng	0.00

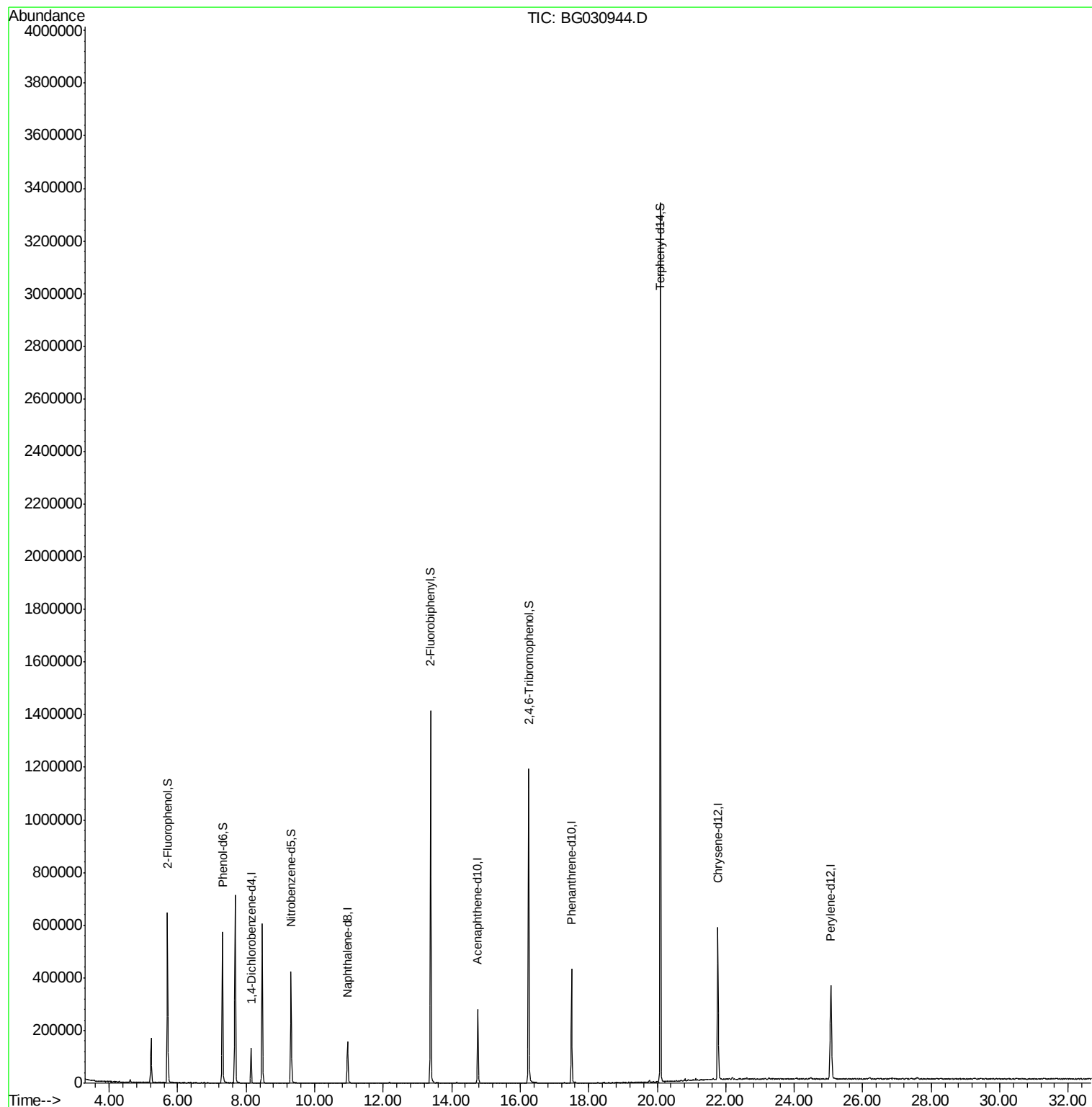
Target Compounds Qvalue

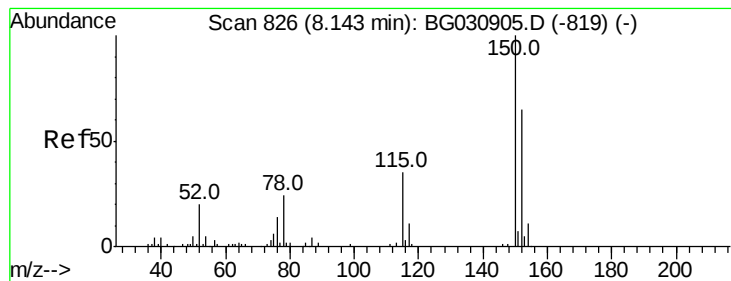
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030944.D

Acq: 11 Nov 2017 15:15

Instrument :

BNA_G

ClientSampleId :

MH-110917-02-FREEZE-PIT

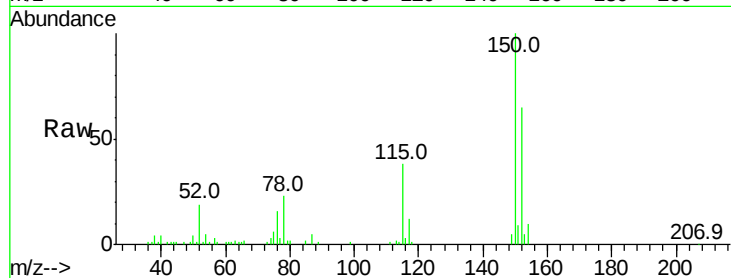
Tot Ion:152 Resp: 39188

Ion Ratio Lower Upper

152 100

150 152.9 126.6 189.8

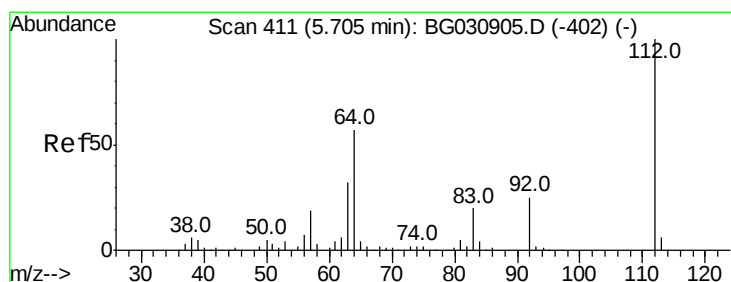
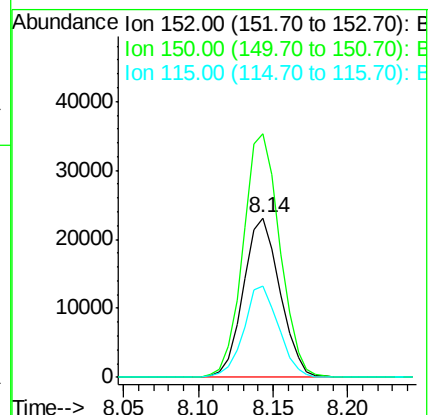
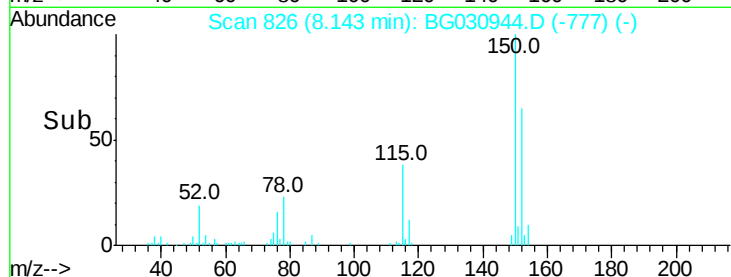
115 57.7 53.0 79.4



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: 135.224 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030944.D

Acq: 11 Nov 2017 15:15

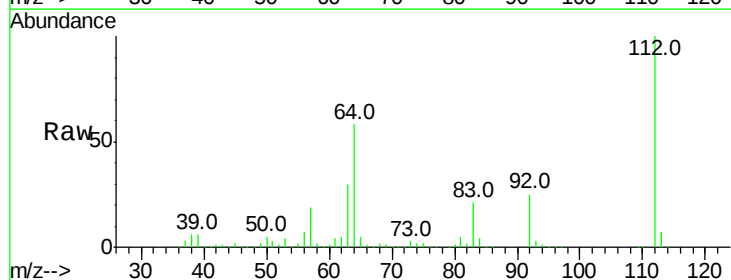
Tgt Ion:112 Resp: 309033

Ion Ratio Lower Upper

112 100

64 57.7 56.3 84.5

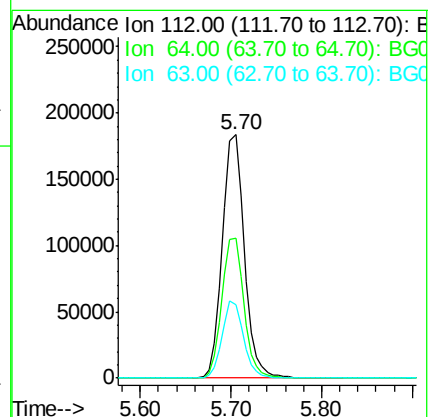
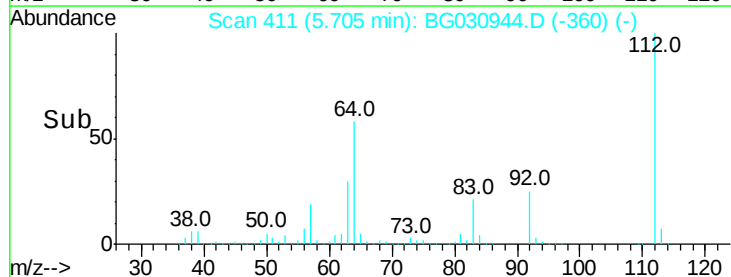
63 30.0 30.1 45.1#

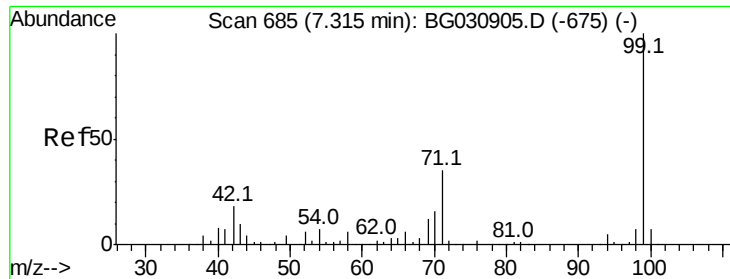


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.640 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030944.D

Acq: 11 Nov 2017 15:15

Instrument :

BNA_G

ClientSampleId :

MH-110917-02-FREEZE-PIT

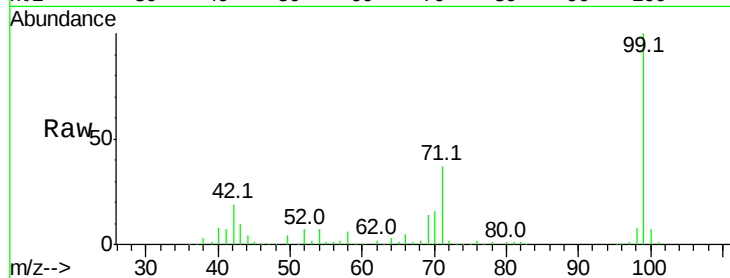
Tot Ion: 99 Resp: 356037

Ion Ratio Lower Upper

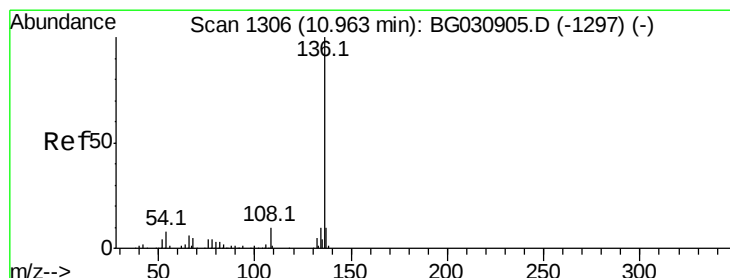
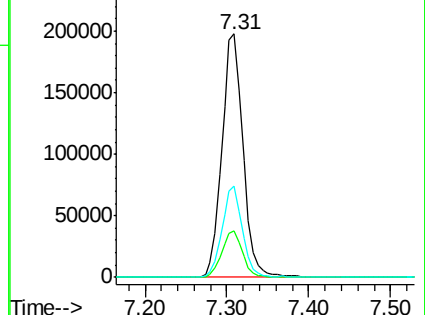
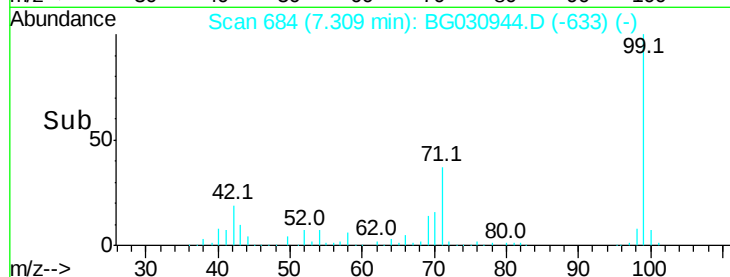
99 100

42 19.1 14.1 21.1

71 37.5 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: BG030944.D

Acq: 11 Nov 2017 15:15

Tgt Ion: 136 Resp: 160575

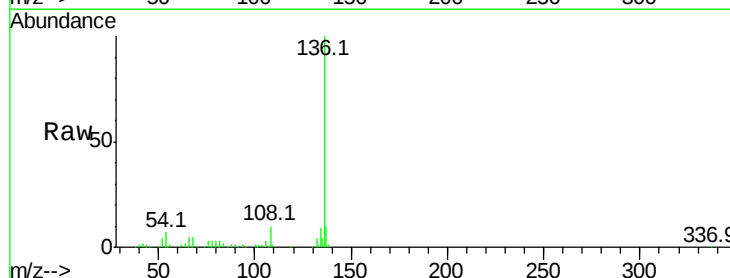
Ion Ratio Lower Upper

136 100

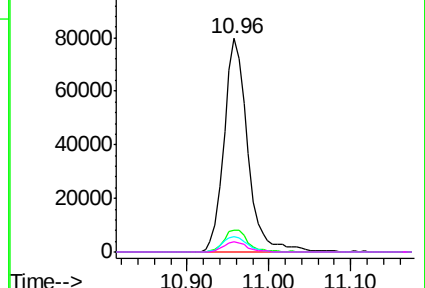
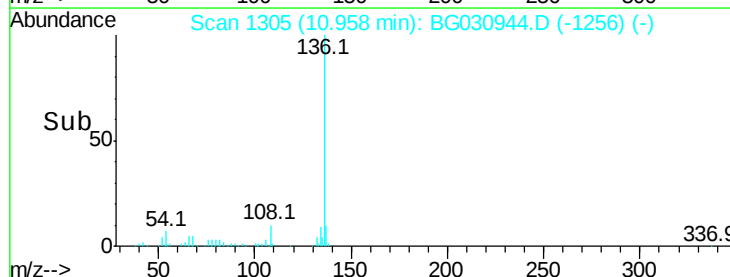
137 10.0 9.2 13.8

54 7.6 10.3 15.5#

68 4.7 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

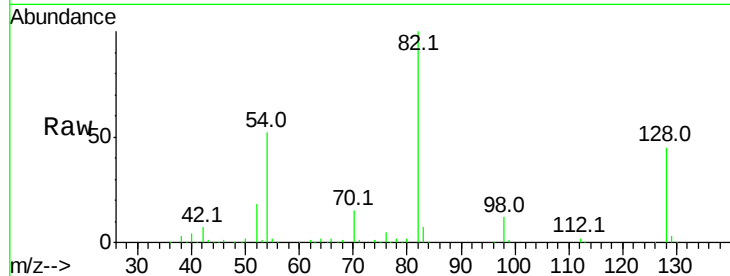




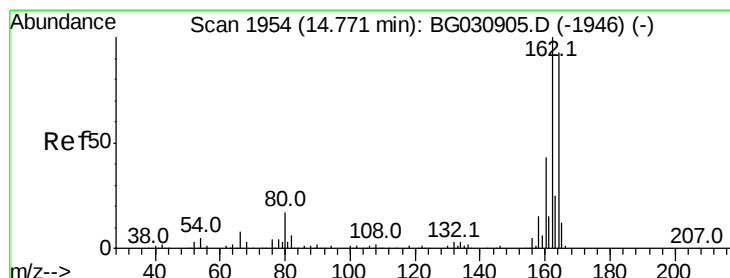
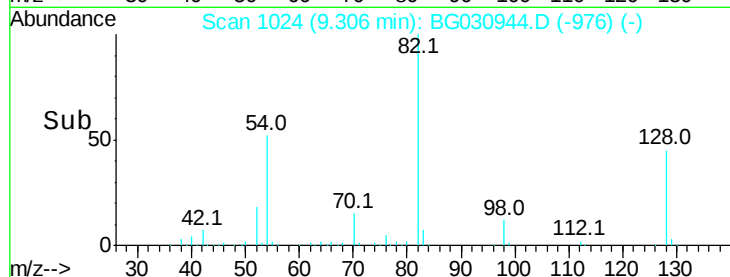
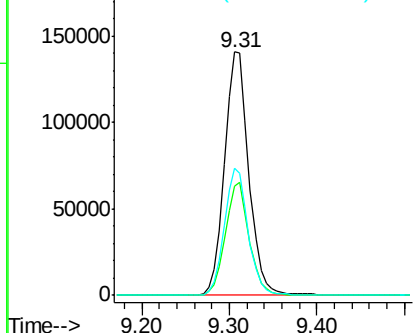
#23
Nitrobenzene-d5
Concen: 98.905 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030944.D
Acq: 11 Nov 2017 15:15

Instrument :
BNA_G
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion: 82 Resp: 268016
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 52.3 43.1 64.7

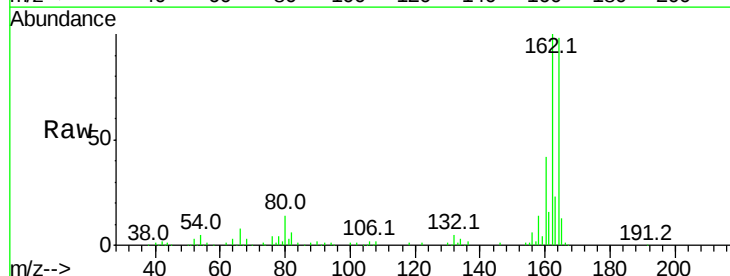


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

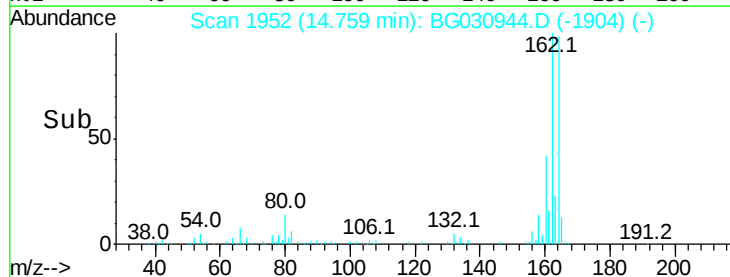
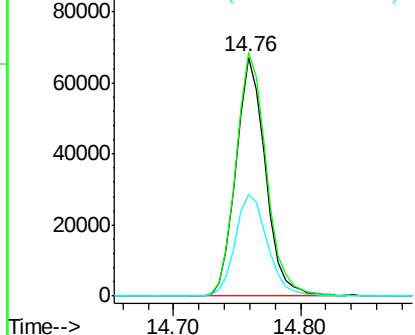


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030944.D
Acq: 11 Nov 2017 15:15

Tgt Ion:164 Resp: 107983
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 42.6 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

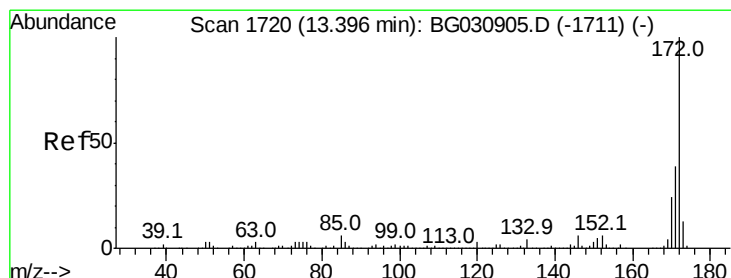
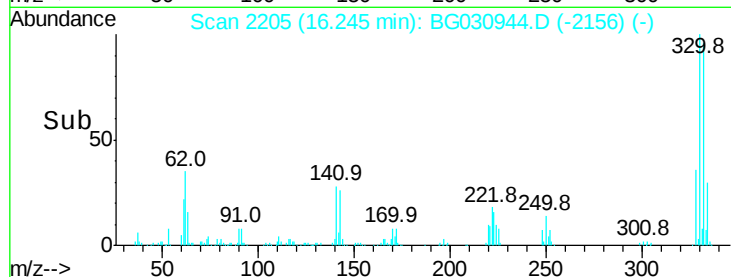
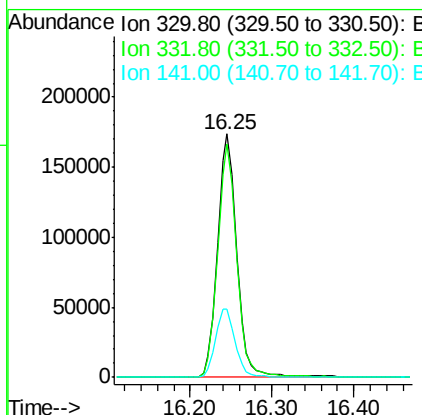
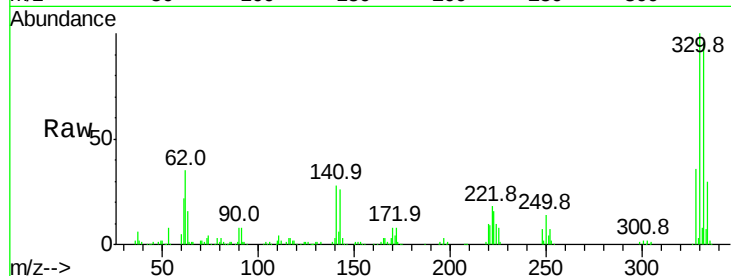




#41
 2,4,6-Tribromophenol
 Concen: 163.768 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030944.D
 Acq: 11 Nov 2017 15:15

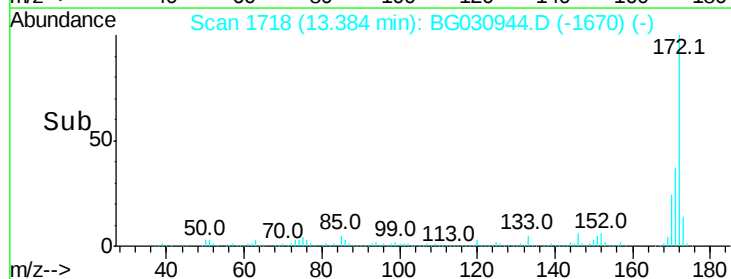
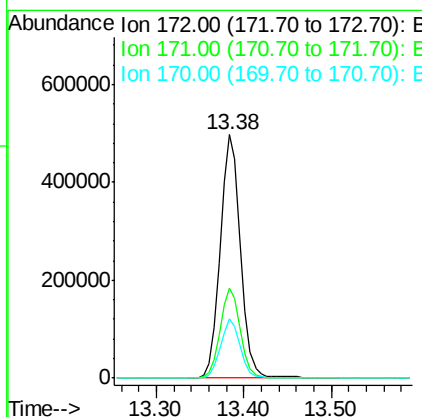
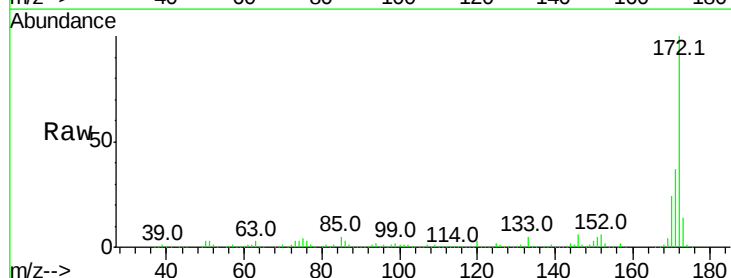
Instrument :
 BNA_G
 ClientSampleId :
 MH-110917-02-FREEZE-PIT

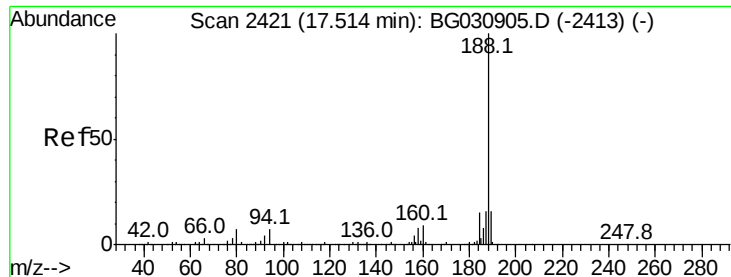
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	29.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 105.766 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030944.D
 Acq: 11 Nov 2017 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3

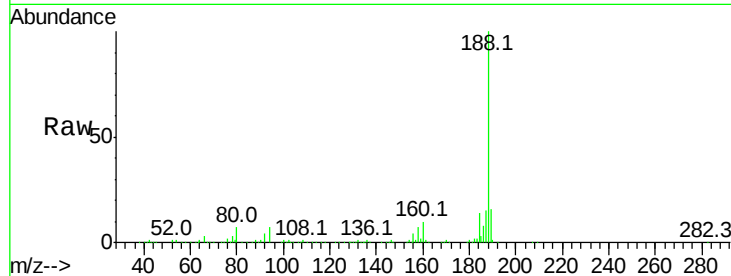




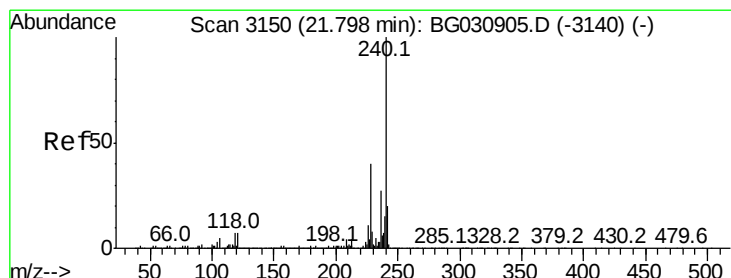
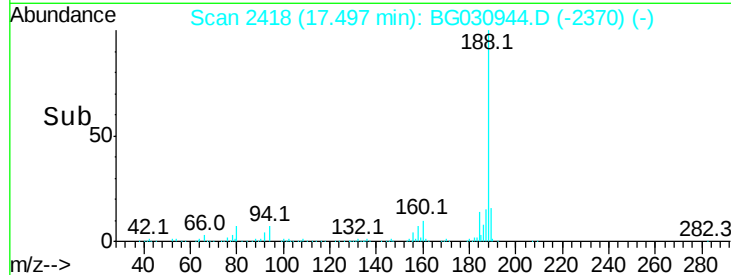
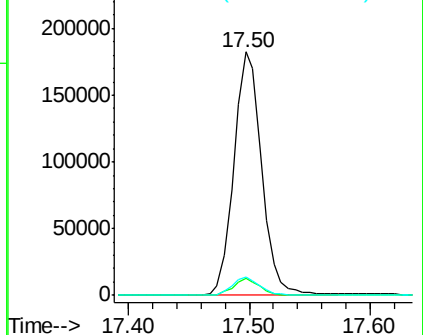
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG030944.D
Acq: 11 Nov 2017 15:15

Instrument :
BNA_G
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion:188 Resp: 293500
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.3 7.7 11.5#

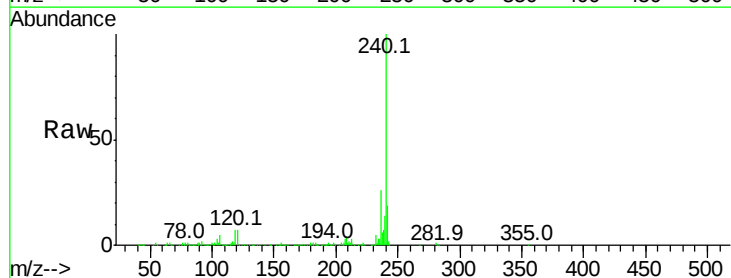


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

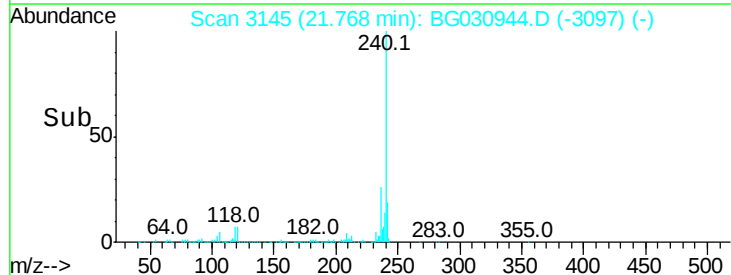
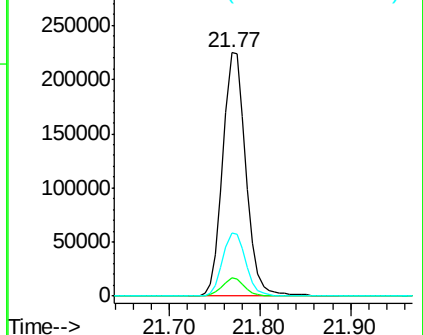


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG030944.D
Acq: 11 Nov 2017 15:15

Tgt Ion:240 Resp: 398769
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 26.1 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: 91.285 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030944.D

Acq: 11 Nov 2017 15:15

Instrument :

BNA_G

ClientSampleId :

MH-110917-02-FREEZE-PIT

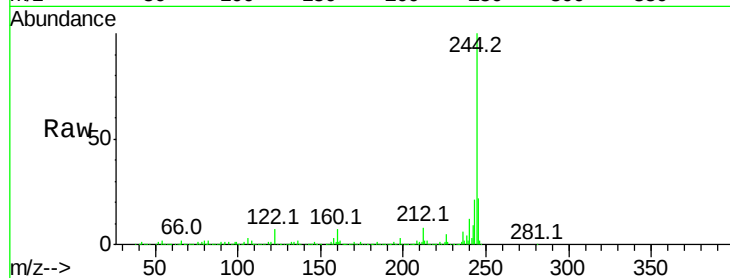
Tot Ion:244 Resp: 1648552

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

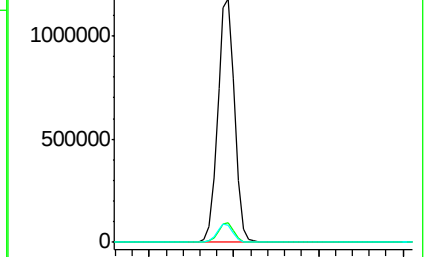
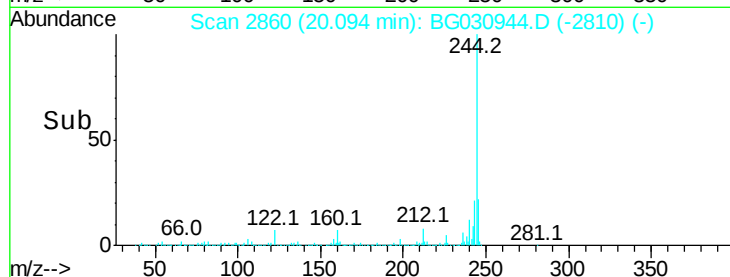
122 7.1 7.0 10.4



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: BG030944.D

Acq: 11 Nov 2017 15:15

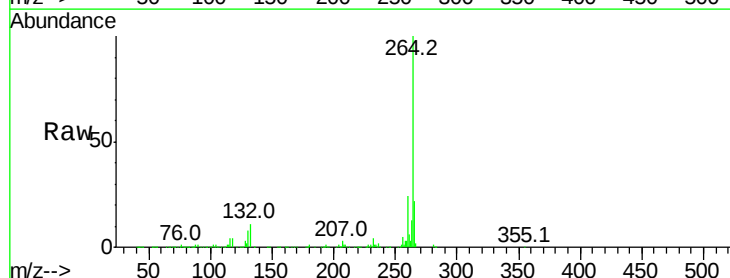
Tgt Ion:264 Resp: 424036

Ion Ratio Lower Upper

264 100

260 23.9 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

