

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030943.D
 Acq On : 11 Nov 2017 14:38
 Operator : SJ/JU
 Sample : I6409-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-110917-01

Quant Time: Nov 13 03:20:51 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	46101	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	194142	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	136116	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	369417	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	475012	20.00	ng	0.00
86) Perylene-d12	25.08	264	467335	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	293361	109.12	ng	0.00
7) Phenol-d6	7.30	99	339661	93.78	ng	0.00
23) Nitrobenzene-d5	9.31	82	253030	77.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	277781	126.15	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	749331	79.10	ng	-0.01
78) Terphenyl-d14	20.09	244	1599090	74.33	ng	0.00

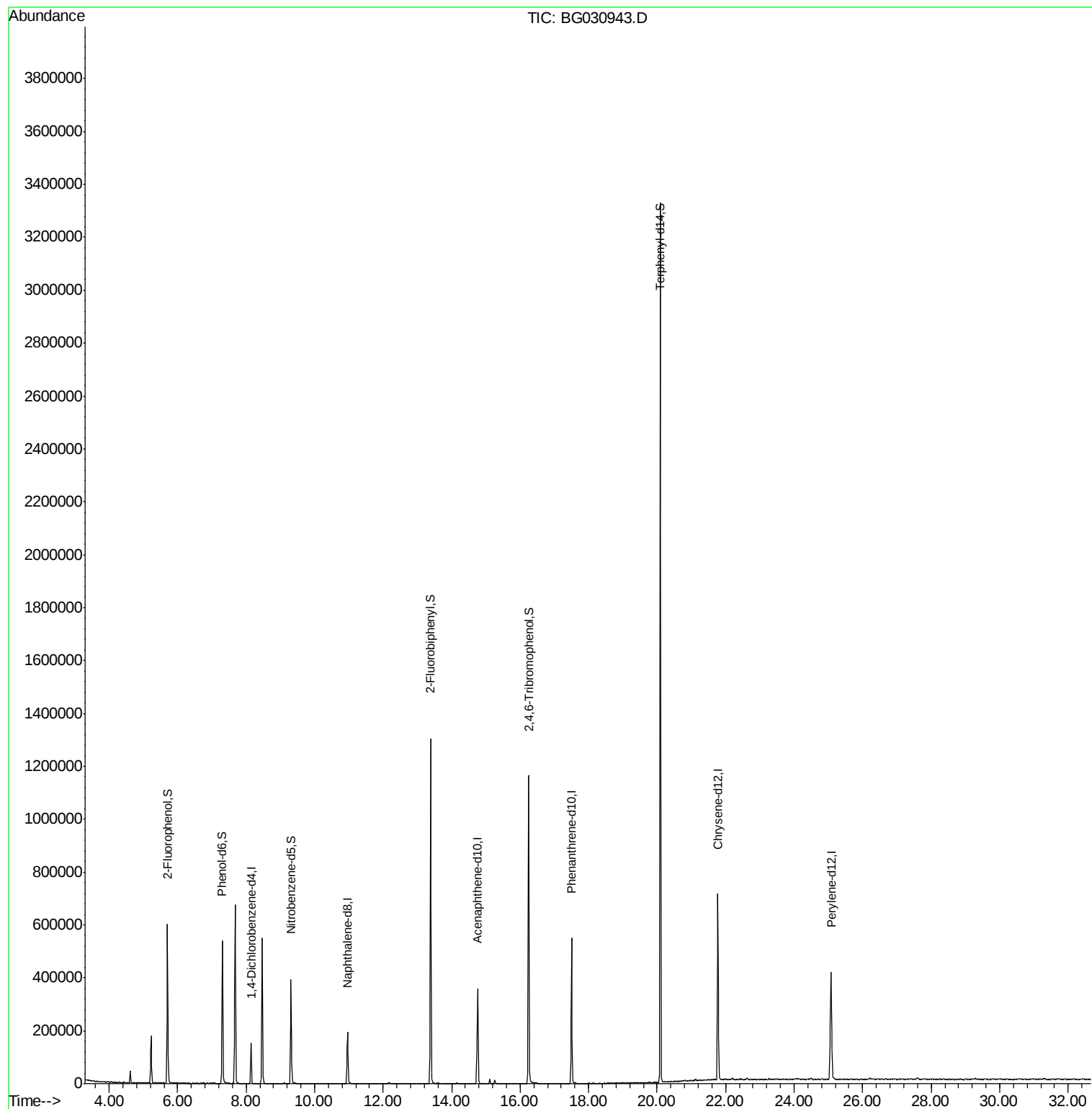
Target Compounds Qvalue

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

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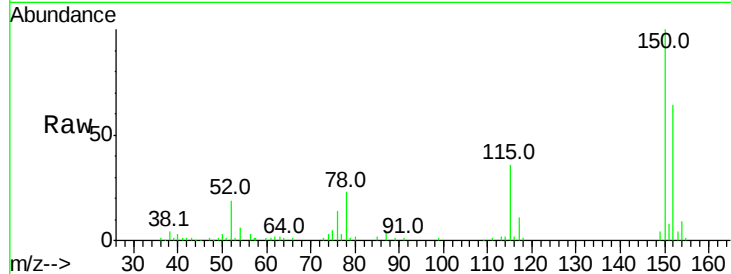


#1

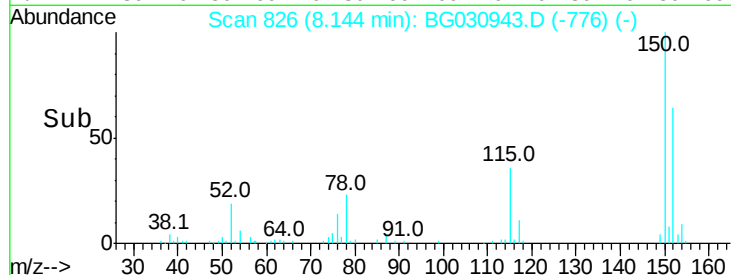
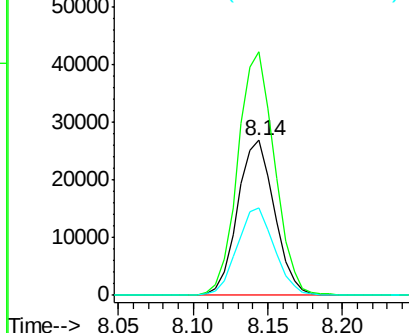
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030943.D
Acq: 11 Nov 2017 14:38

Instrument :
BNA_G
ClientSampleId :
MH-110917-01

Tot Ion:152 Resp: 46101
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 56.4 53.0 79.4



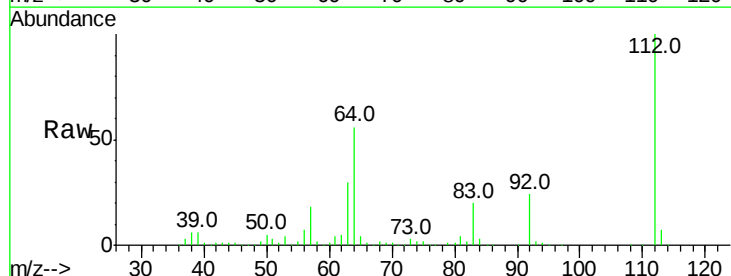
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



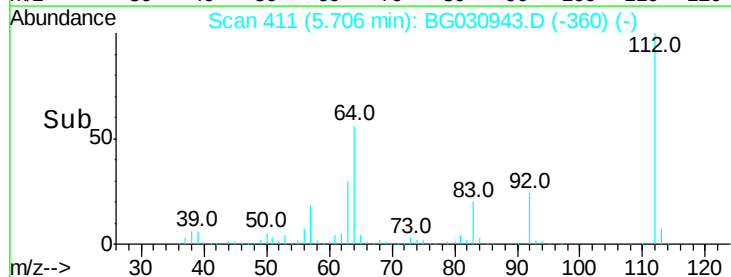
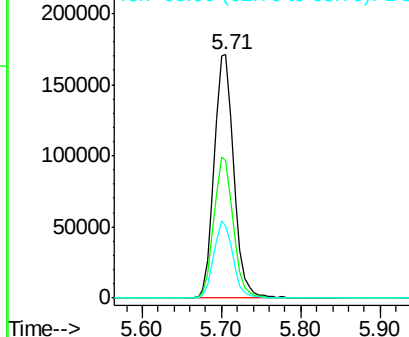
#5

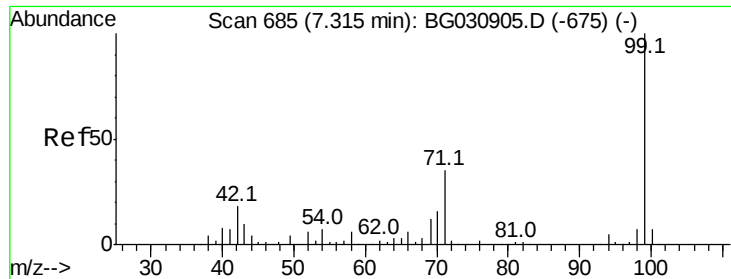
2-Fluorophenol
Concen: 109.118 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030943.D
Acq: 11 Nov 2017 14:38

Tgt Ion:112 Resp: 293361
Ion Ratio Lower Upper
112 100
64 56.2 56.3 84.5#
63 29.6 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: 93.778 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030943.D

Acq: 11 Nov 2017 14:38

Instrument :

BNA_G

ClientSampleId :

MH-110917-01

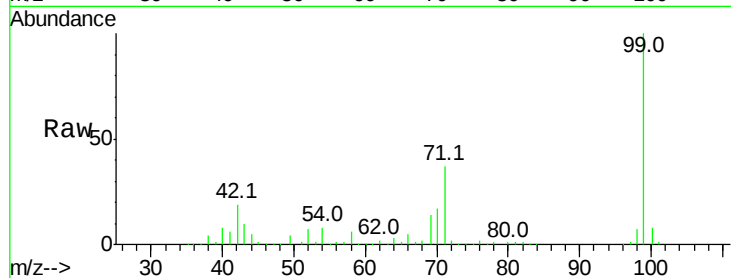
Tot Ion: 99 Resp: 339661

Ion Ratio Lower Upper

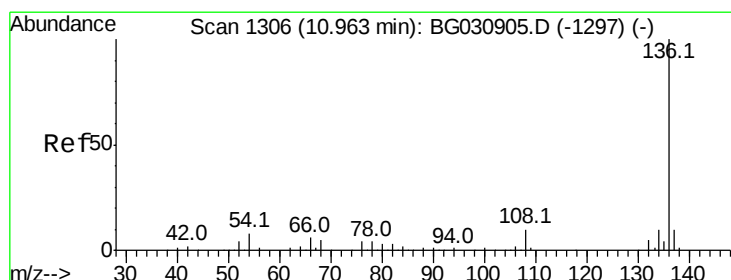
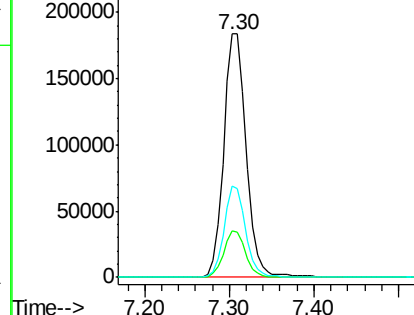
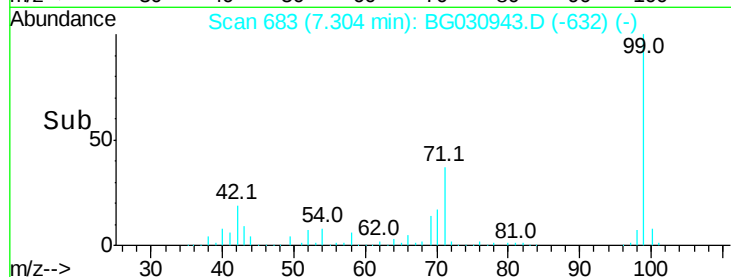
99 100

42 19.3 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: BG030943.D

Acq: 11 Nov 2017 14:38

Tgt Ion: 136 Resp: 194142

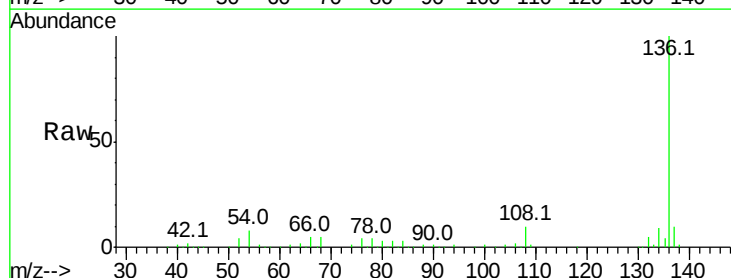
Ion Ratio Lower Upper

136 100

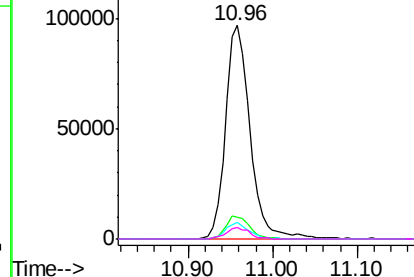
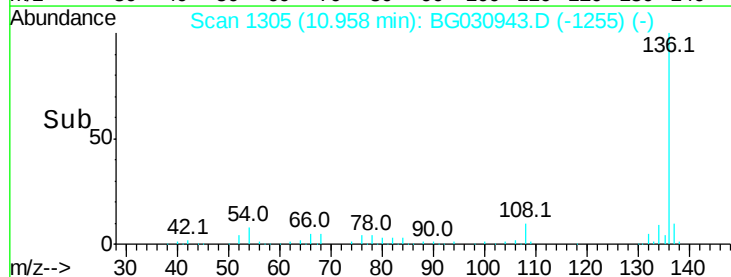
137 10.3 9.2 13.8

54 7.6 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

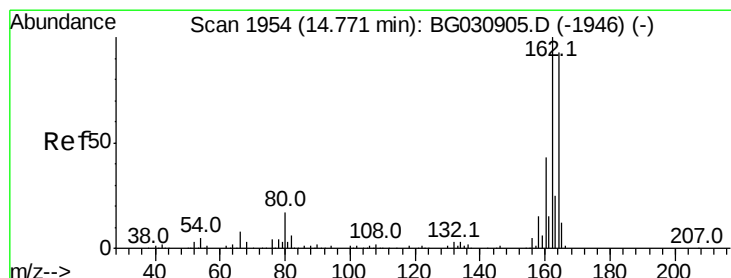
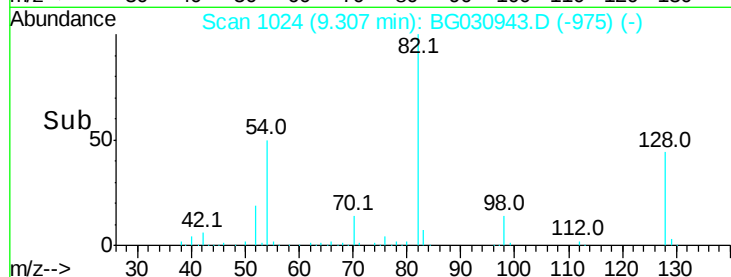
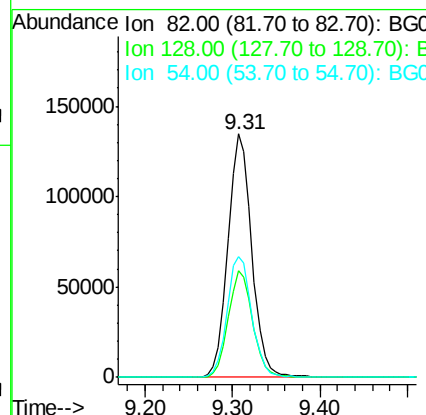
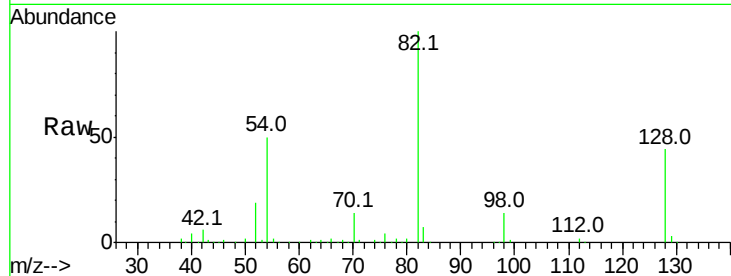




#23
 Nitrobenzene-d5
 Concen: 77.230 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

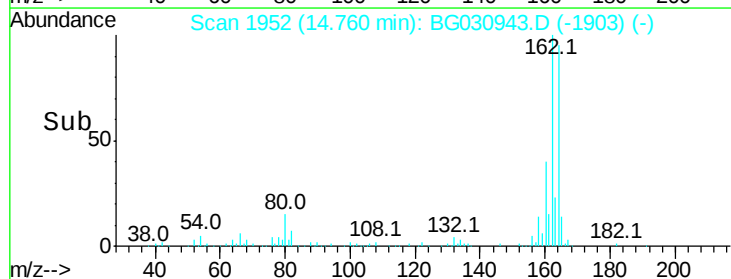
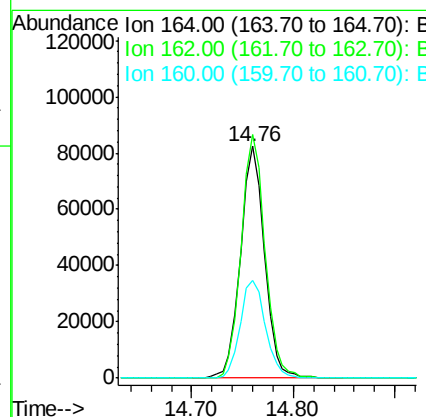
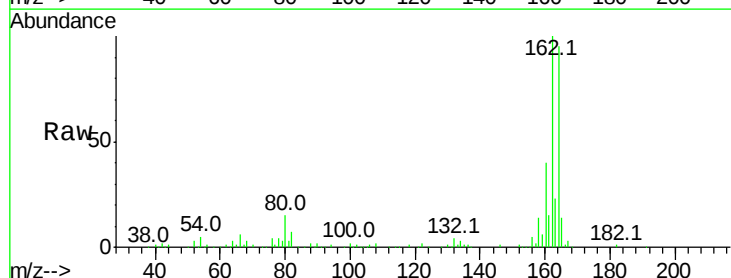
Instrument :
 BNA_G
 ClientSampleId :
 MH-110917-01

Tot Ion	82	Resp	253030
Ion Ratio	Lower	Upper	
82	100		
128	43.8	29.7	44.5
54	49.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

Tgt Ion	164	Resp	136116
Ion Ratio	Lower	Upper	
164	100		
162	105.0	78.8	118.2
160	42.0	35.4	53.0

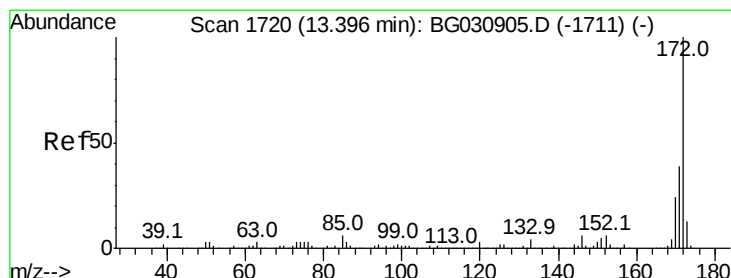
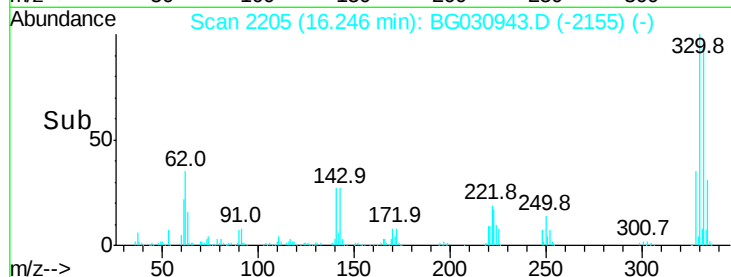
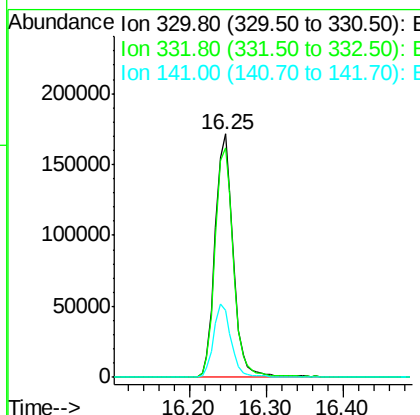
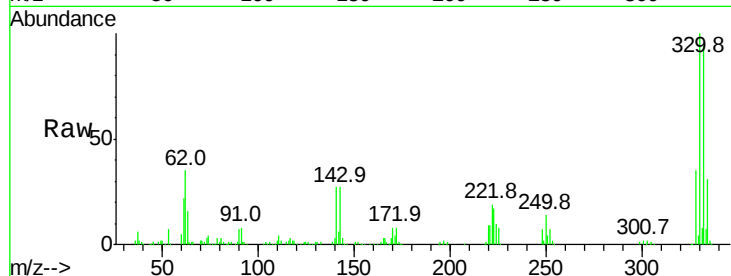




#41
 2,4,6-Tribromophenol
 Concen: 126.154 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

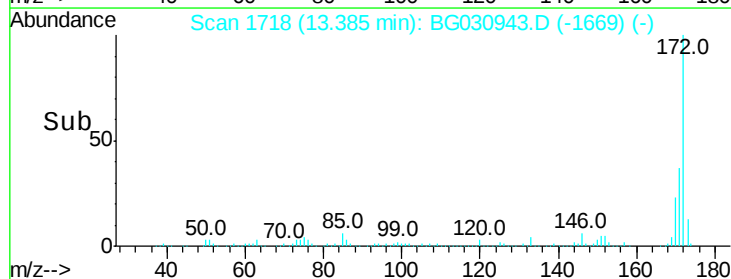
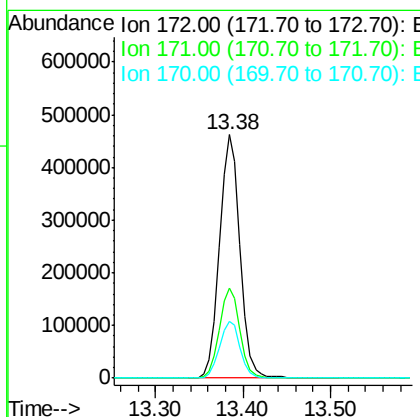
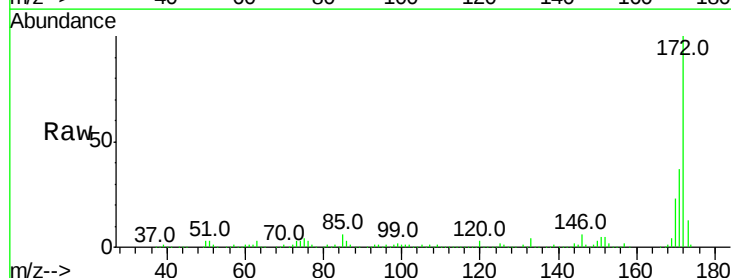
Instrument :
 BNA_G
 ClientSampleId :
 MH-110917-01

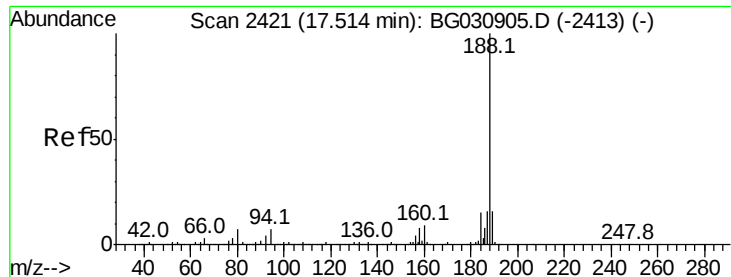
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	29.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 79.102 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.2	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG030943.D

Acq: 11 Nov 2017 14:38

Instrument :

BNA_G

ClientSampleId :

MH-110917-01

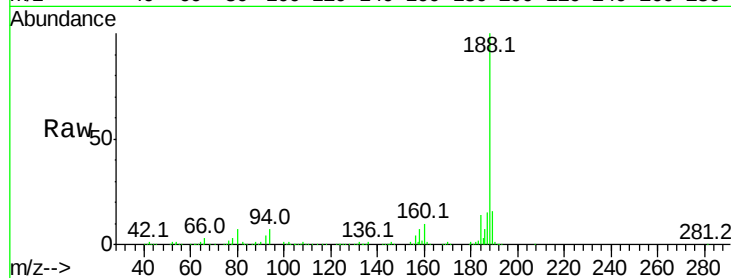
Tot Ion:188 Resp: 369417

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

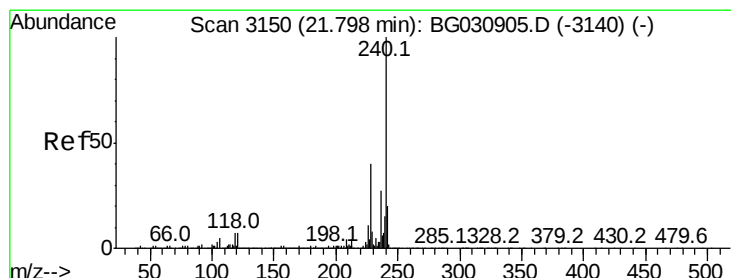
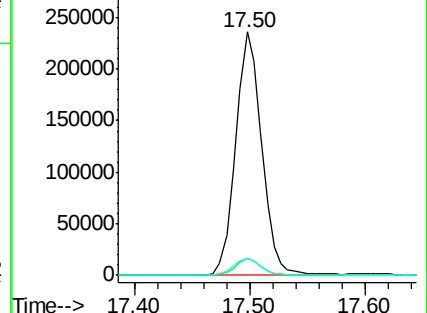
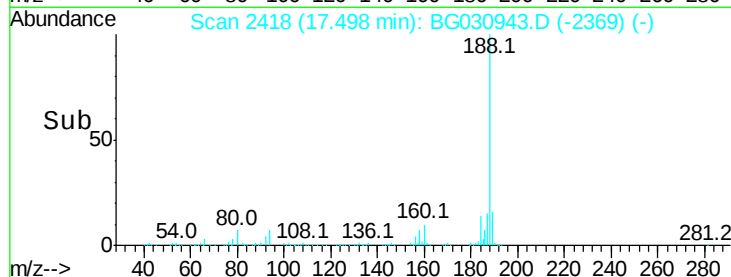
80 7.0 7.7 11.5#



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: 21.78 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030943.D

Acq: 11 Nov 2017 14:38

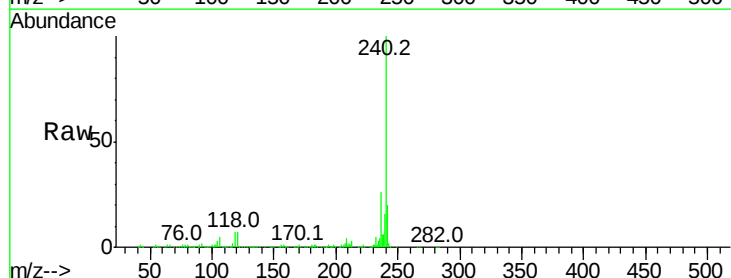
Tgt Ion:240 Resp: 475012

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

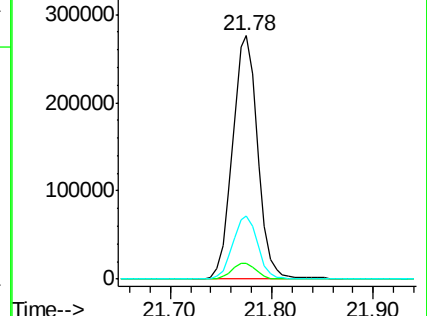
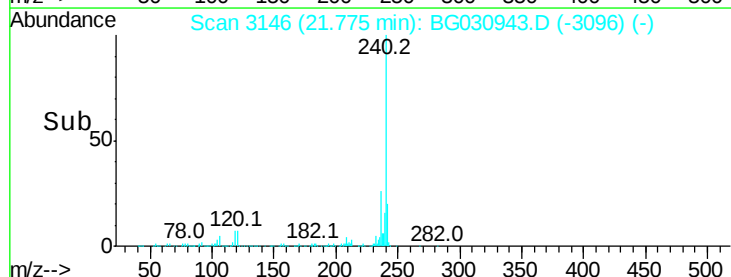
236 26.0 20.9 31.3



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: 74.334 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030943.D

Acq: 11 Nov 2017 14:38

Instrument :

BNA_G

ClientSampleId :

MH-110917-01

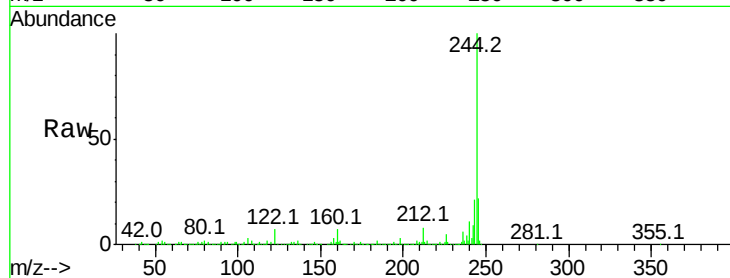
Tot Ion:244 Resp: 1599090

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

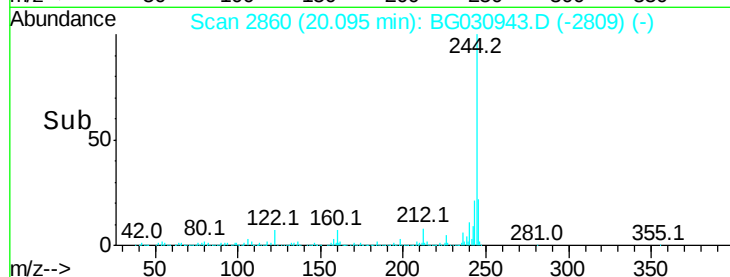
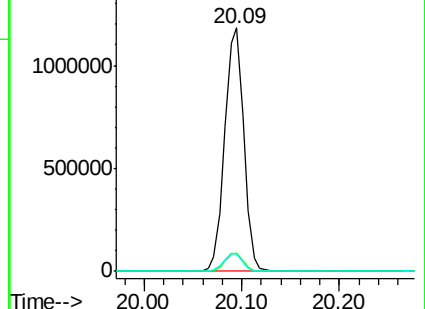
122 7.2 7.0 10.4



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: 25.08 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG030943.D

Acq: 11 Nov 2017 14:38

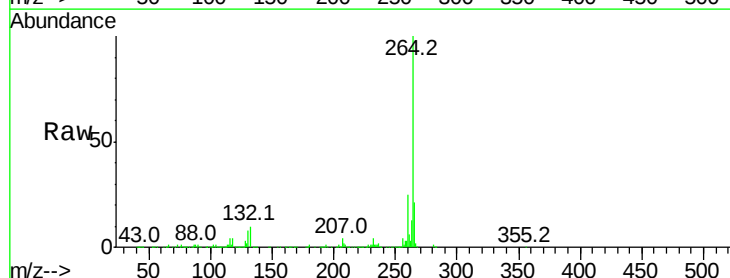
Tgt Ion:264 Resp: 467335

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.4 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

