

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 :

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

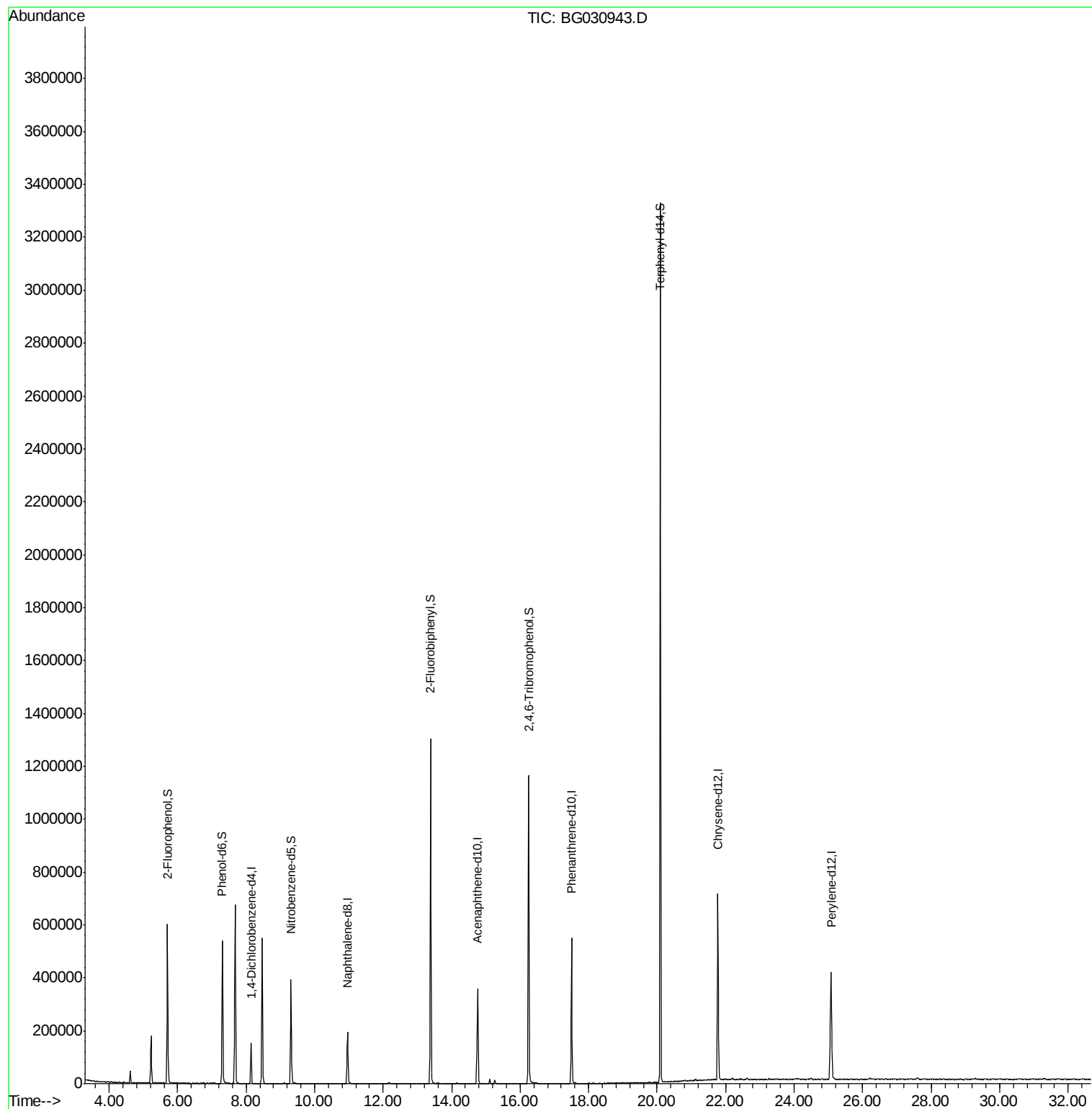
Target Compounds Qvalue

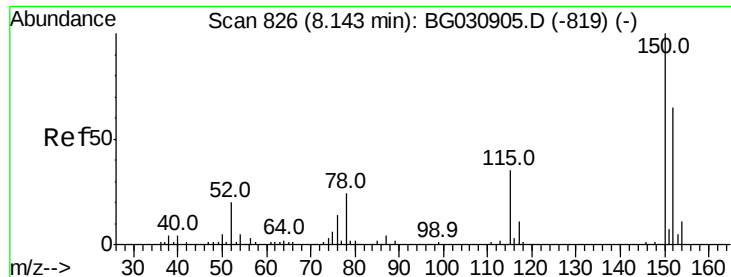
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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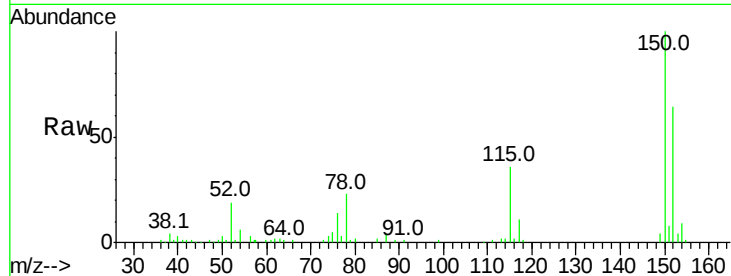


#1

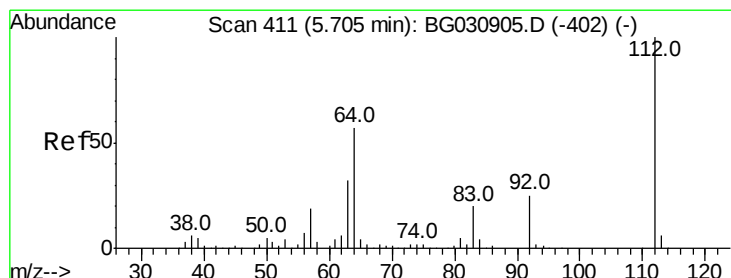
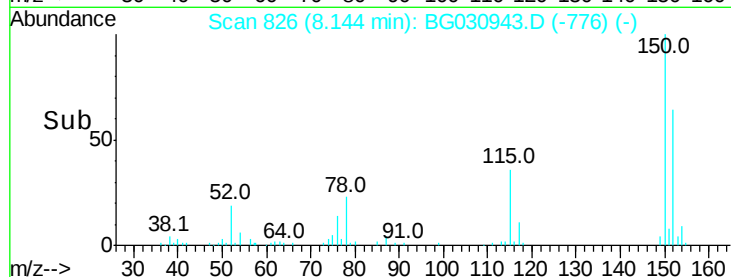
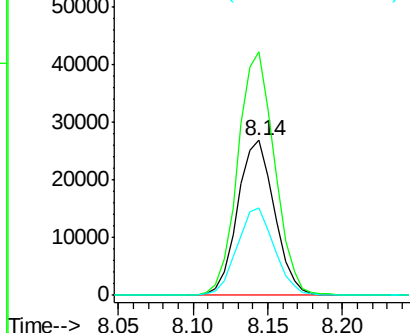
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :

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



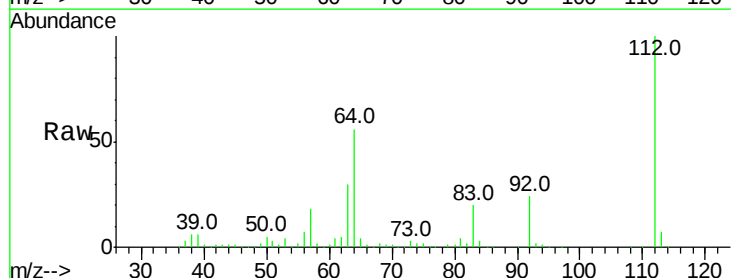
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



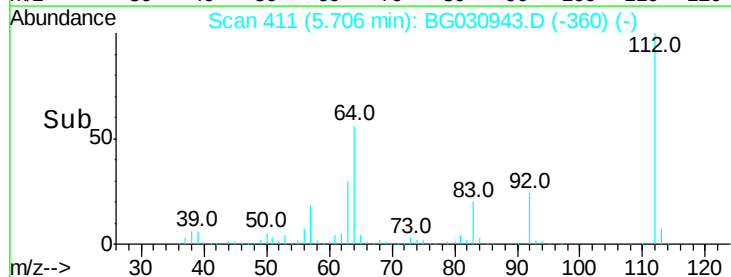
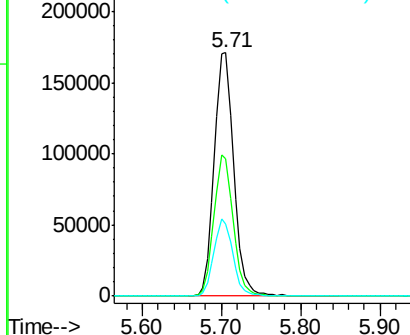
#5

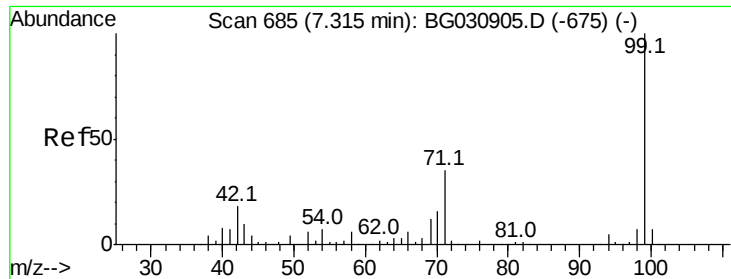
2-Fluorophenol
 Concen: 109.118 ng
 RT: 5.71 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

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): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#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 :

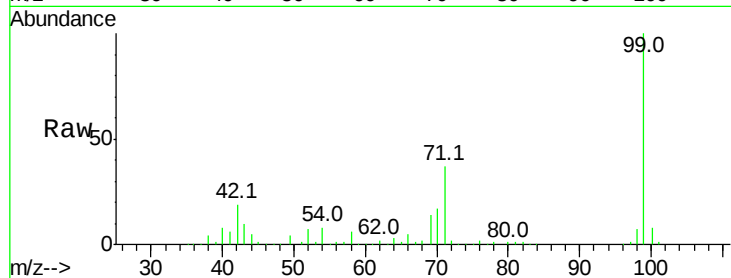
Tot Ion: 99 Resp: 339661

Ion Ratio Lower Upper

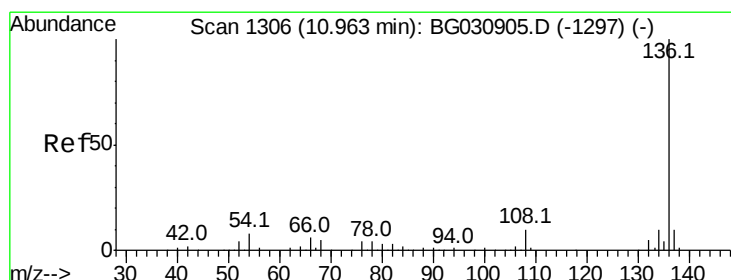
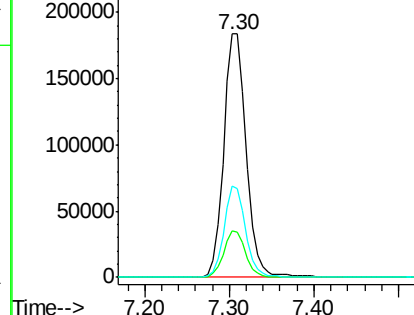
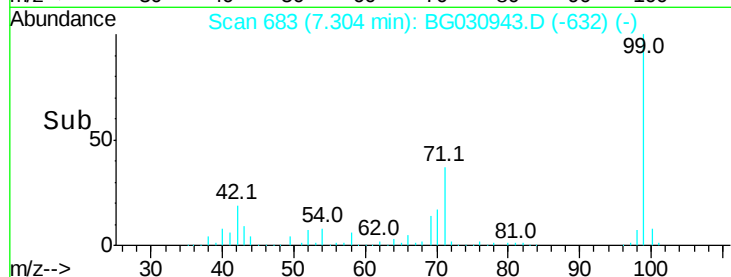
99 100

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

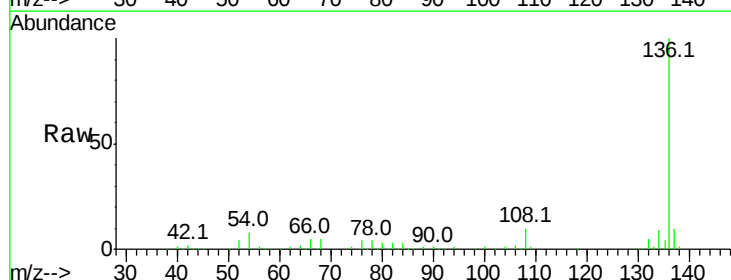
Ion Ratio Lower Upper

136 100

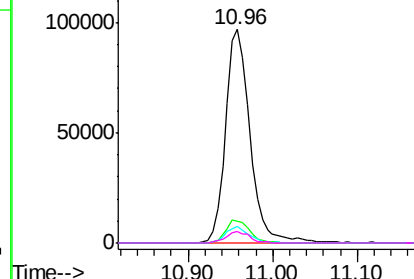
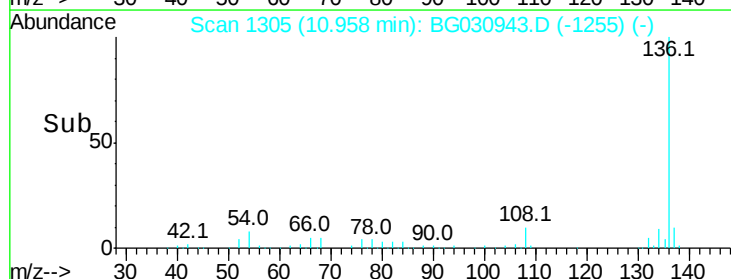
137 10.3 9.2 13.8

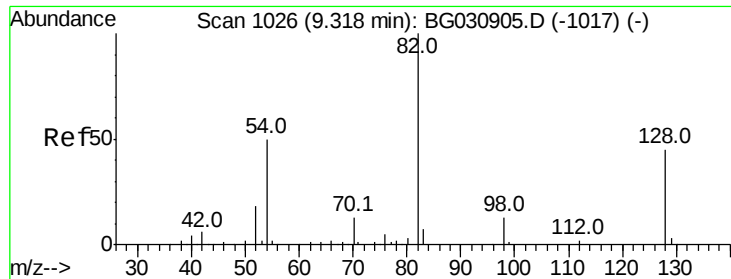
54 7.6 10.3 15.5#

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

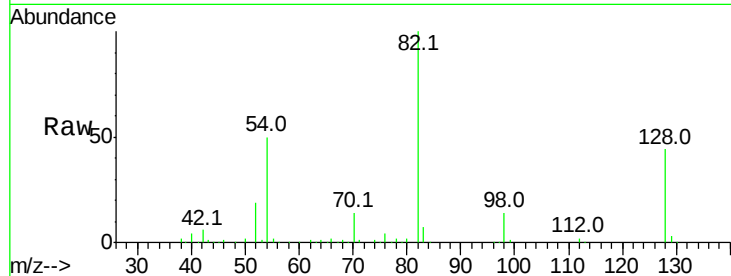




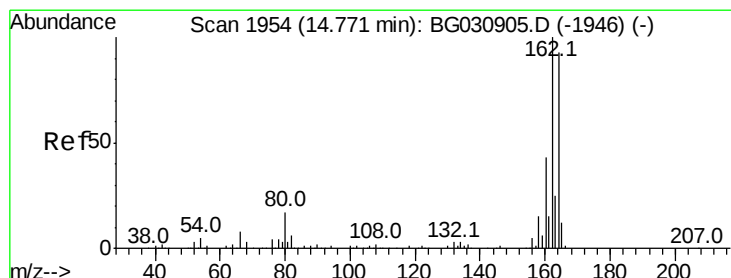
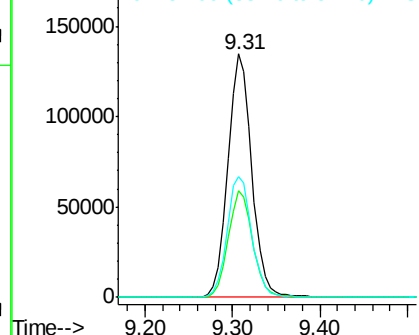
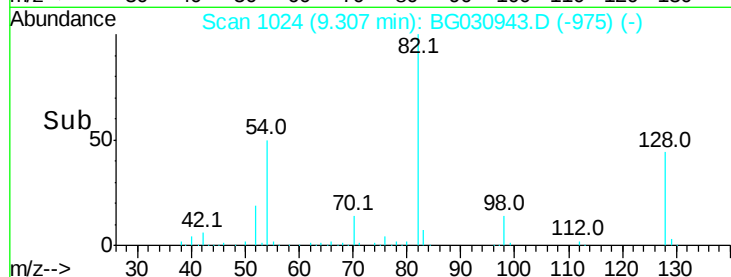
#23
Nitrobenzene-d5
Concen: 77.230 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG030943.D
Acq: 11 Nov 2017 14:38

Instrument :
BNA_G
ClientSampleId :

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

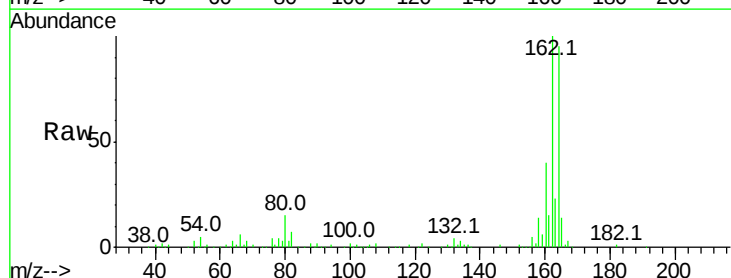


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

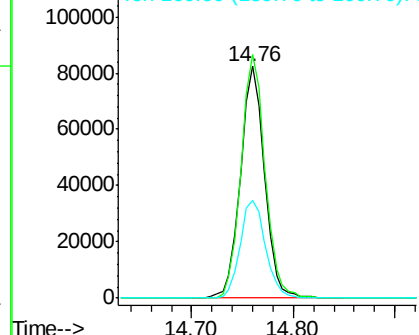
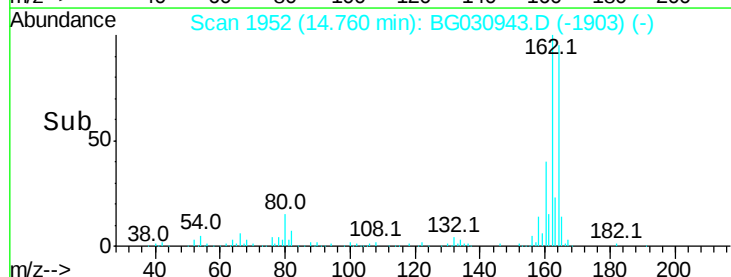


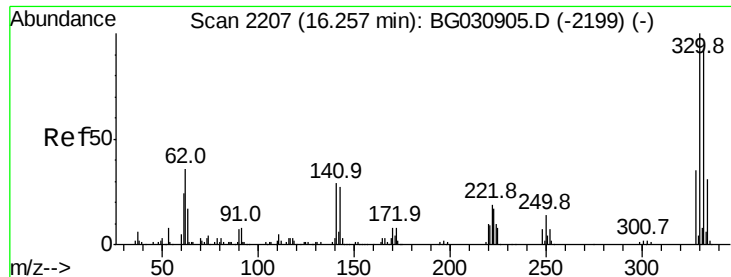
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG030943.D
Acq: 11 Nov 2017 14:38

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



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

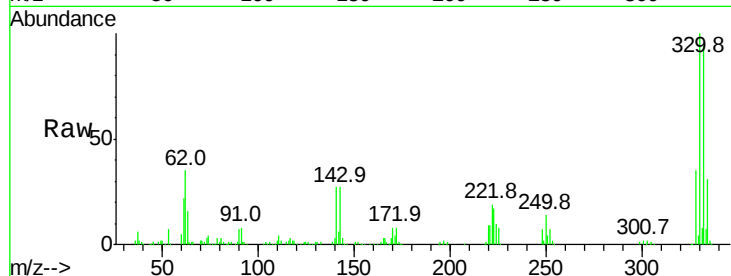




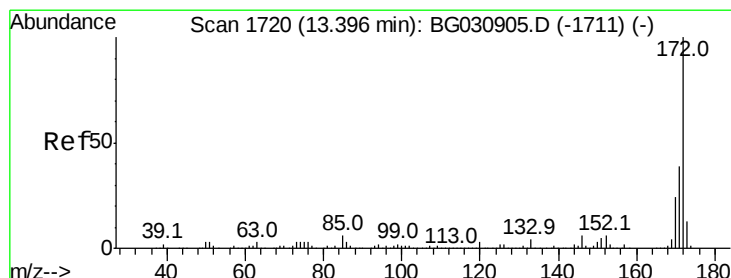
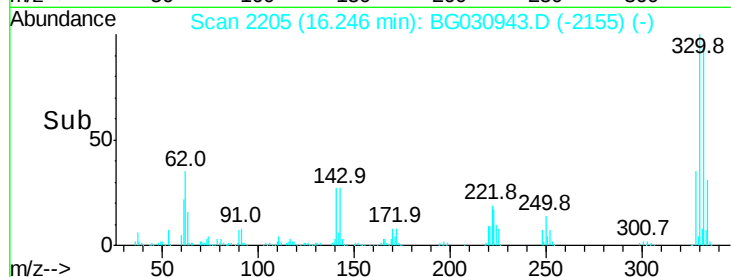
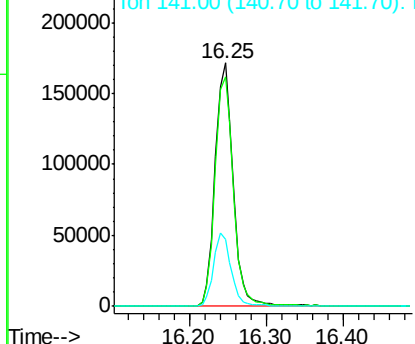
#41
 2,4,6-Tribromophenol
 Concen: 126.154 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

Instrument :
 BNA_G
 ClientSampleId :

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

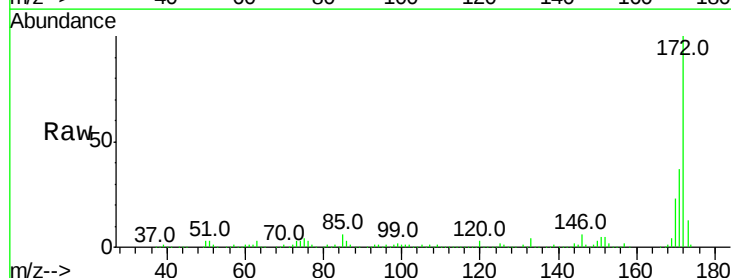


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

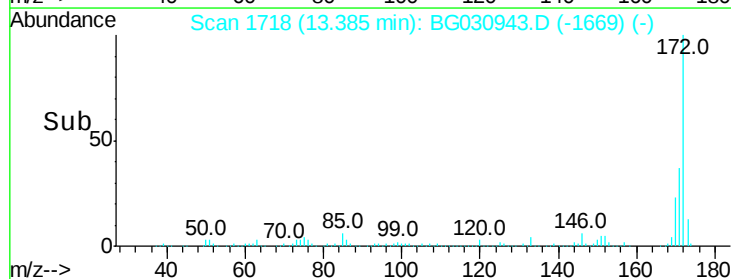
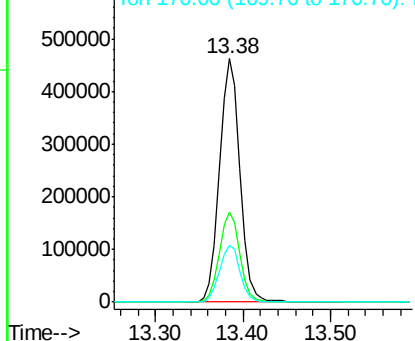


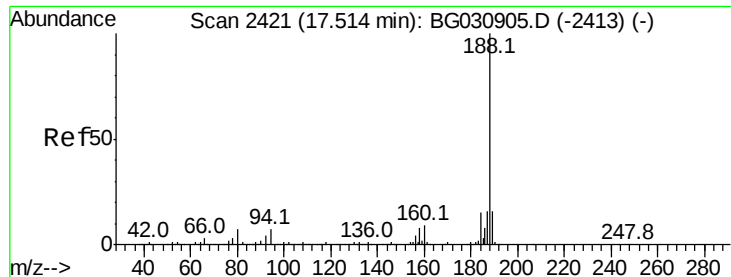
#44
 2-Fluorobiphenyl
 Concen: 79.102 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030943.D
 Acq: 11 Nov 2017 14:38

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



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. -0.01 min

Lab File: BG030943.D

Acq: 11 Nov 2017 14:38

Instrument :

BNA_G

ClientSampleId :

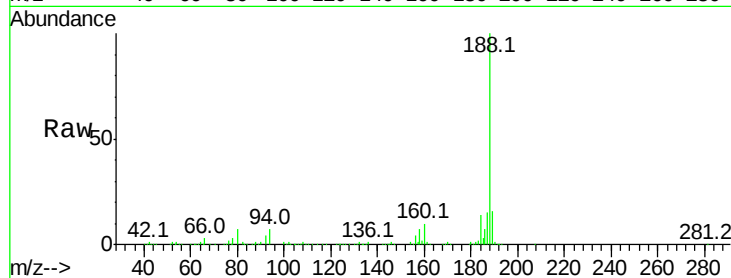
Tot Ion:188 Resp: 369417

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

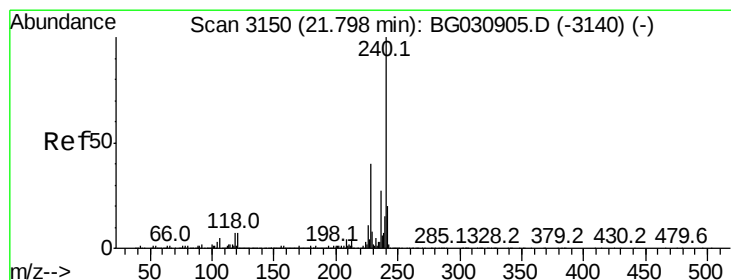
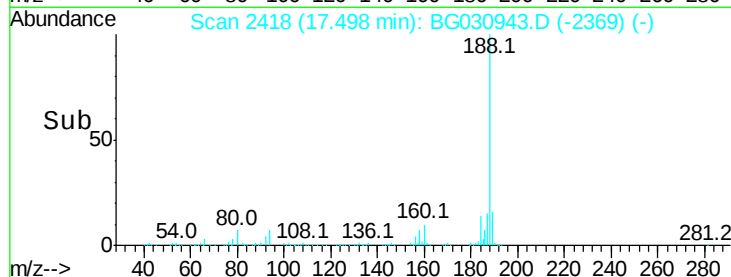
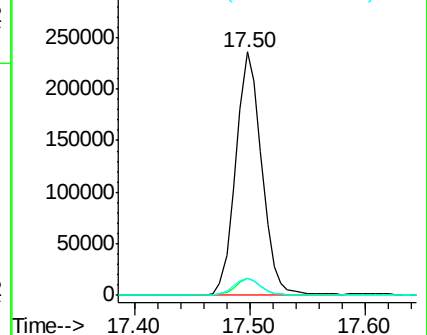
80 7.0 7.7 11.5#



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

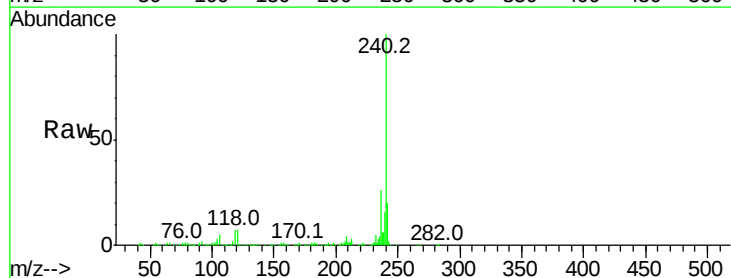
Tgt Ion:240 Resp: 475012

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

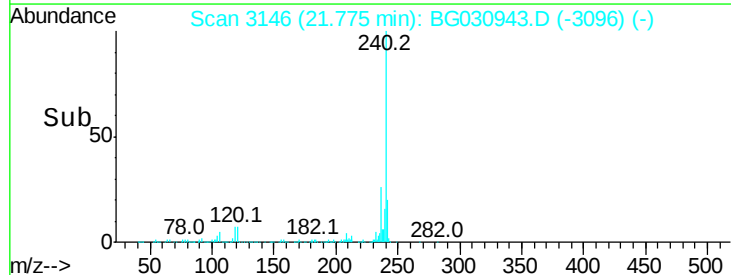
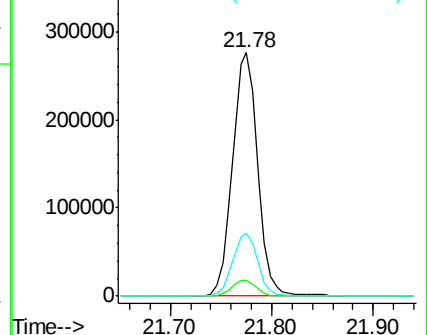
236 26.0 20.9 31.3

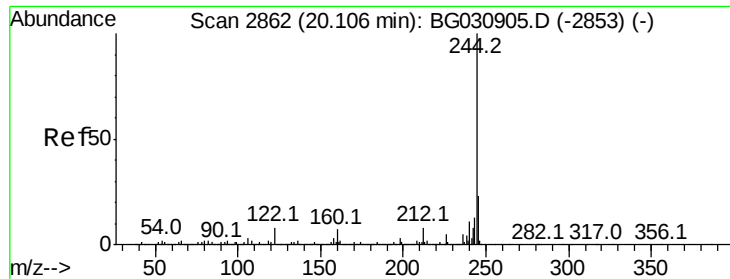


Abundance Ion 240.00 (239.70 to 240.70): E

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

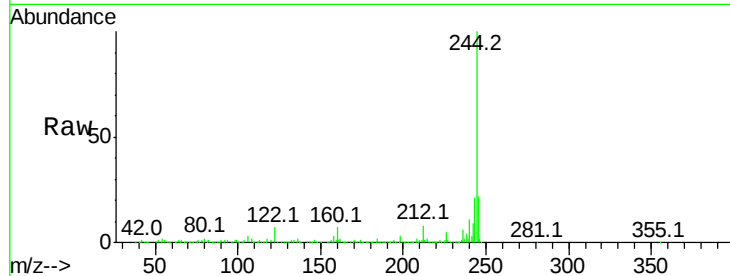
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1599090

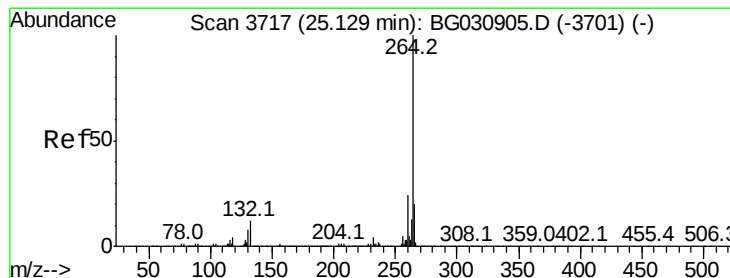
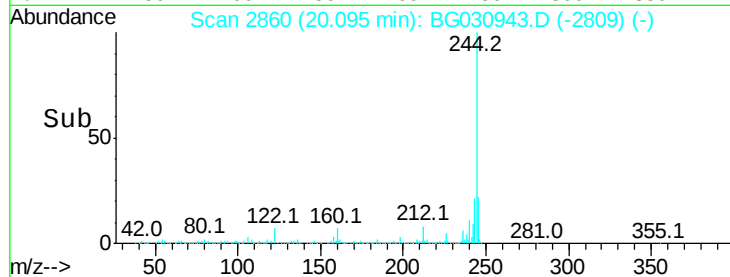
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.2	7.0	10.4



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

