

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031373.D
 Acq On : 6 Dec 2017 16:28
 Operator : SJ/JU
 Sample : PB104763TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 17:54:15 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

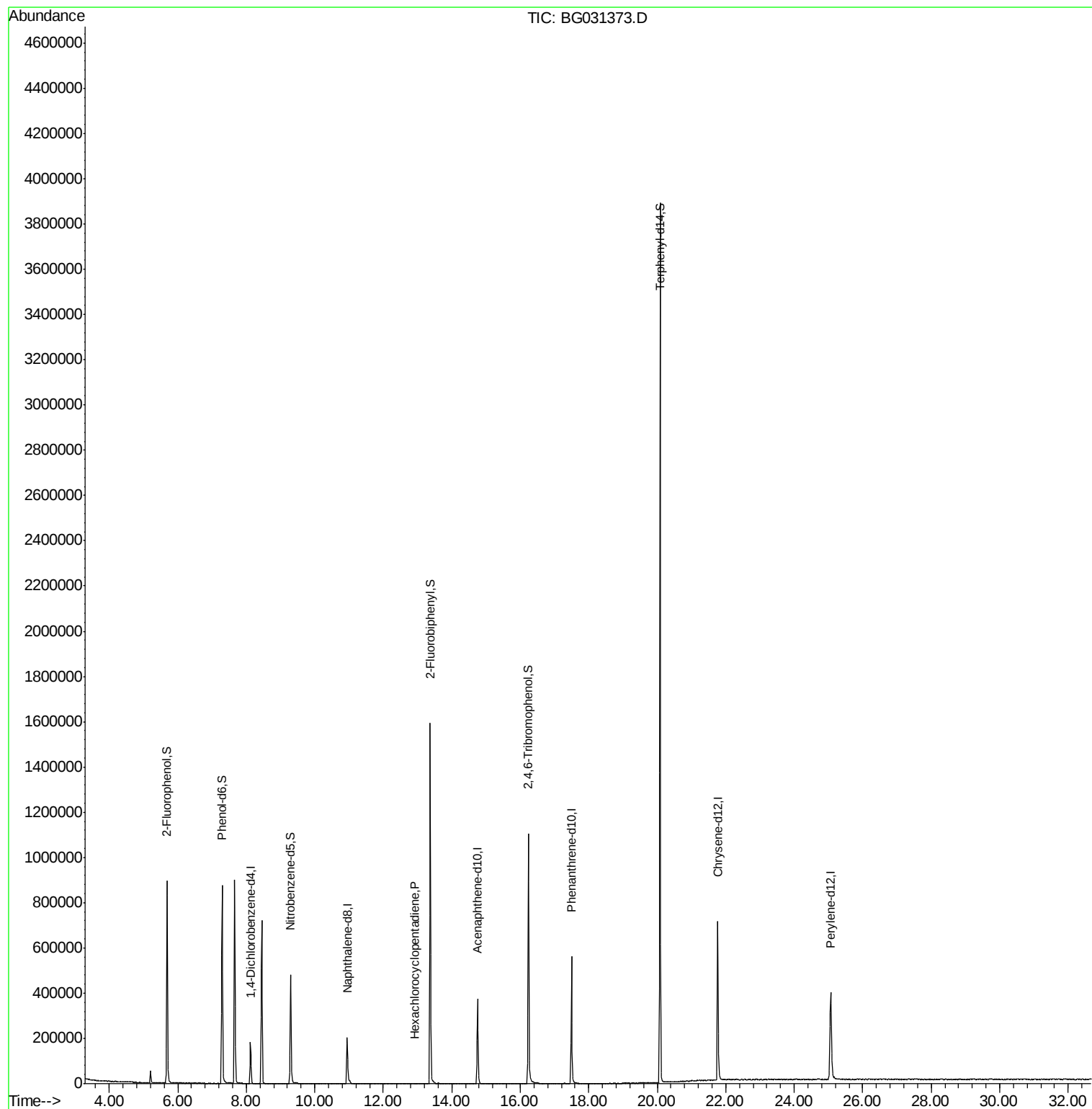
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53715	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	234661	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	154571	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	417252	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	514313	20.00	ng	-0.02
86) Perylene-d12	25.06	264	472900	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	447812	142.96	ng	-0.02
7) Phenol-d6	7.30	99	567505	134.47	ng	-0.01
23) Nitrobenzene-d5	9.29	82	333240	84.15	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	245838	98.32	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	957652	89.02	ng	-0.03
78) Terphenyl-d14	20.08	244	1902939	81.70	ng	-0.02
Target Compounds						
40) Hexachlorocyclopentadiene	12.91	237	53	10.677	ng	Qvalue # 22

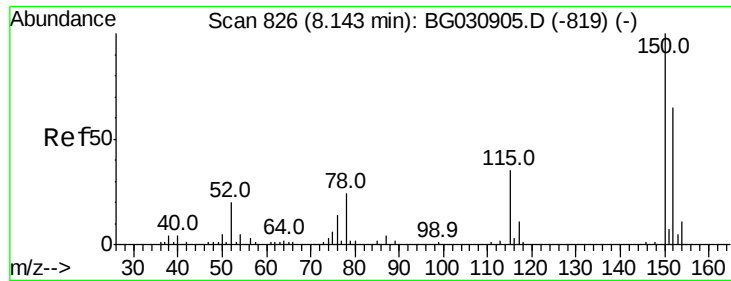
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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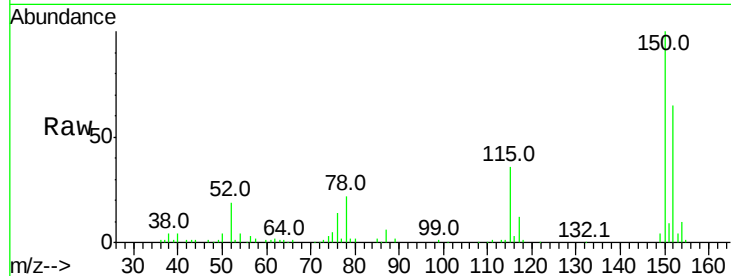


#1

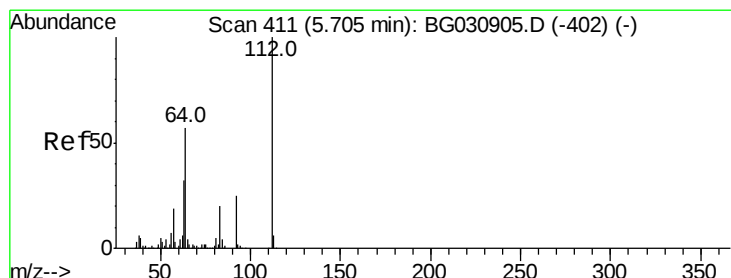
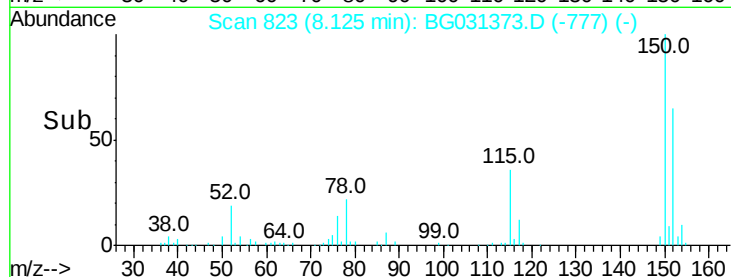
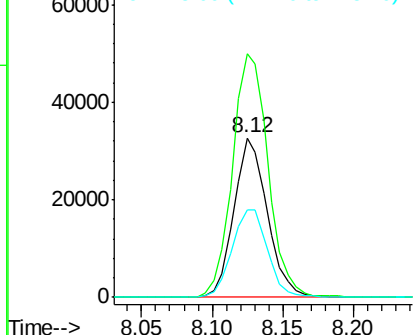
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53715
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 54.7 53.0 79.4



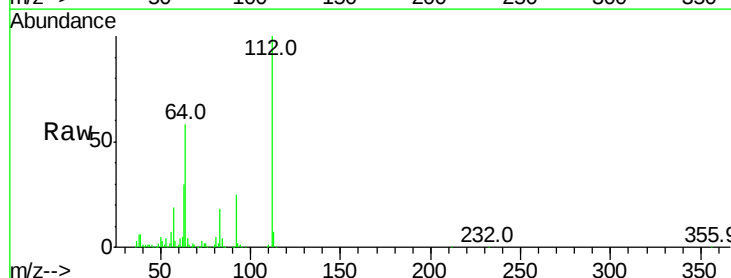
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



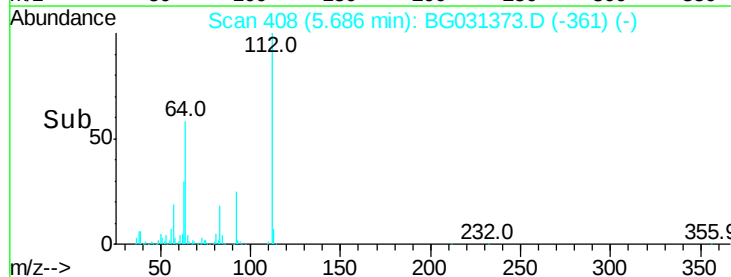
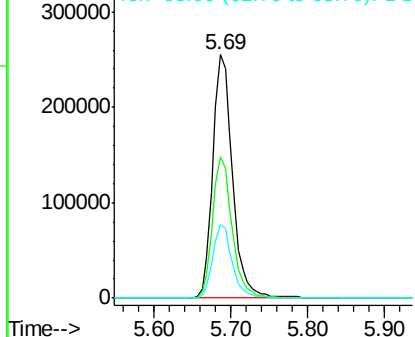
#5

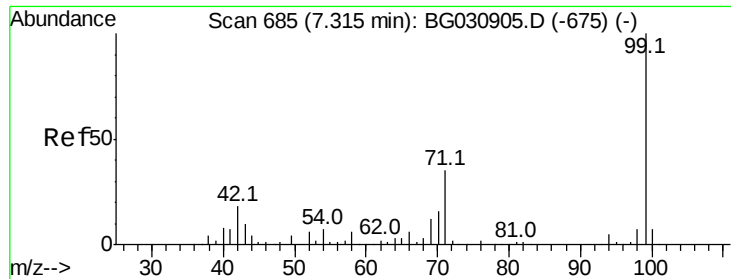
2-Fluorophenol
Concen: 142.956 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Tgt Ion:112 Resp: 447812
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 30.4 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: 134.474 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Instrument :

BNA_G

ClientSampleId :

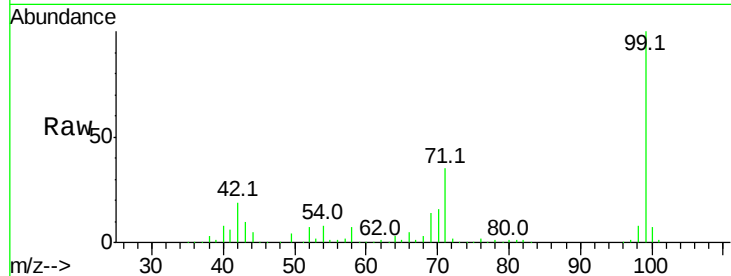
Tot Ion: 99 Resp: 567505

Ion Ratio Lower Upper

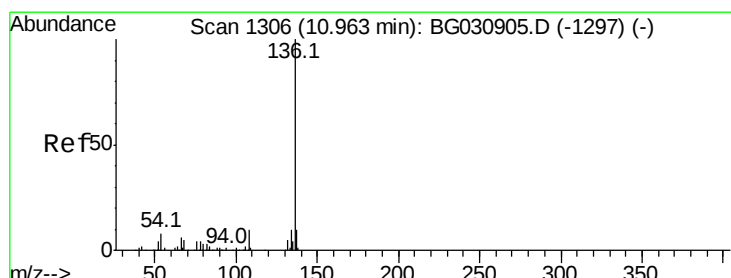
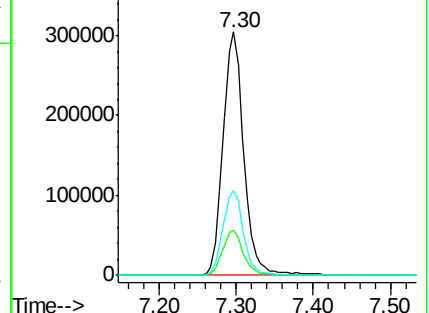
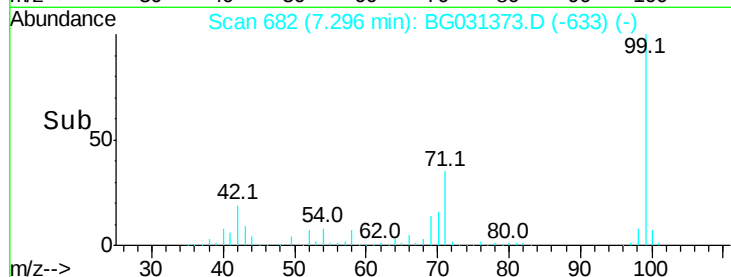
99 100

42 18.8 14.1 21.1

71 34.9 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Tgt Ion: 136 Resp: 234661

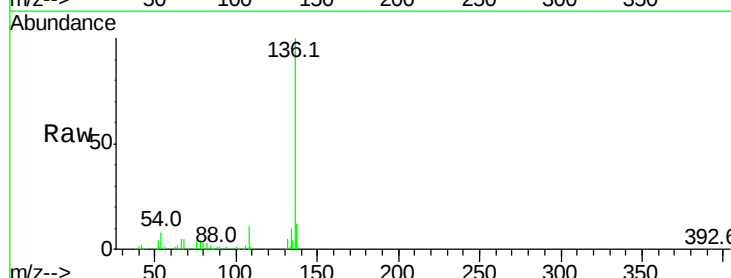
Ion Ratio Lower Upper

136 100

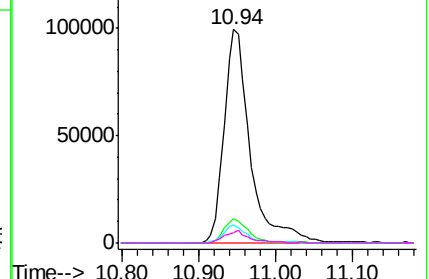
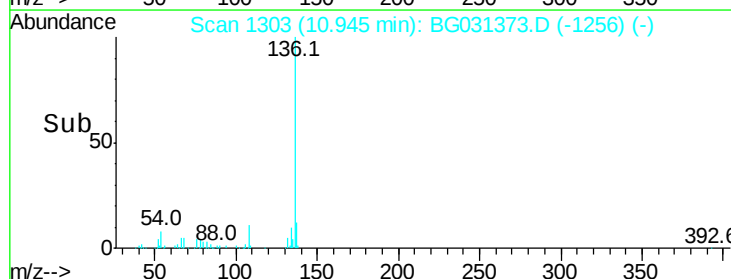
137 11.6 9.2 13.8

54 8.2 10.3 15.5#

68 4.8 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

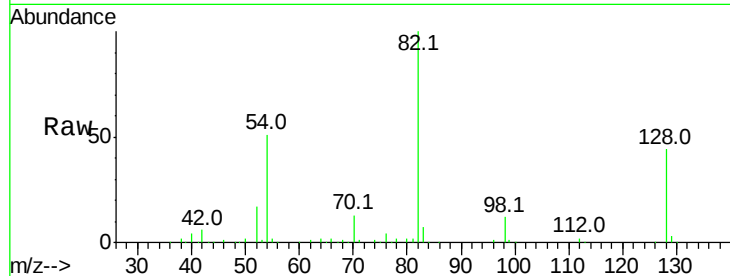




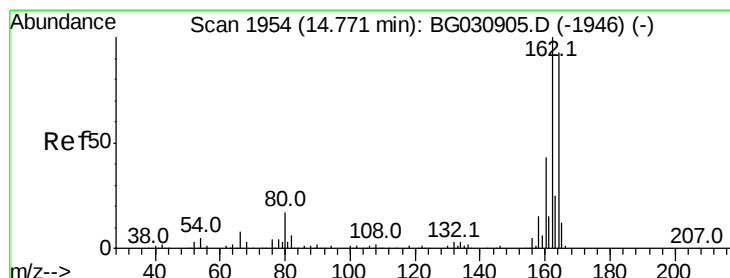
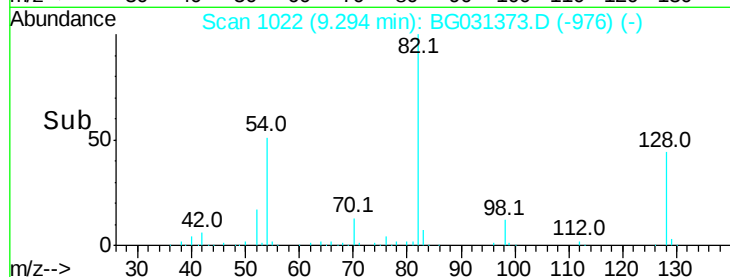
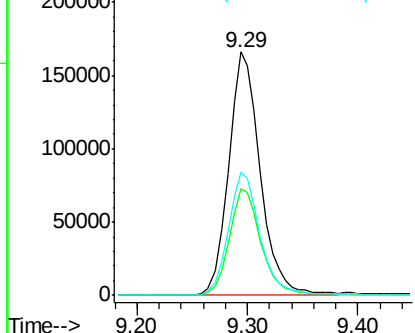
#23
Nitrobenzene-d5
Concen: 84.149 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 333240
Ion Ratio Lower Upper
82 100
128 43.6 29.7 44.5
54 50.5 43.1 64.7

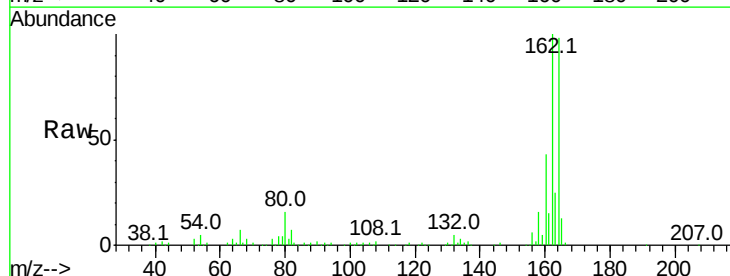


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

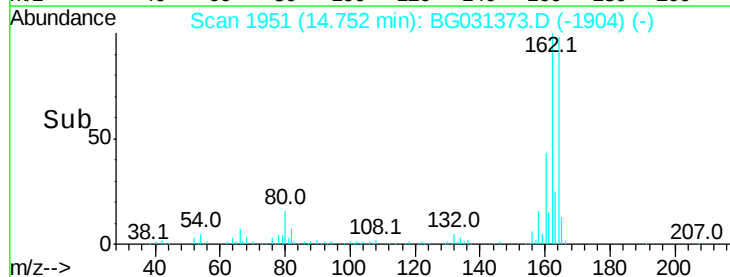
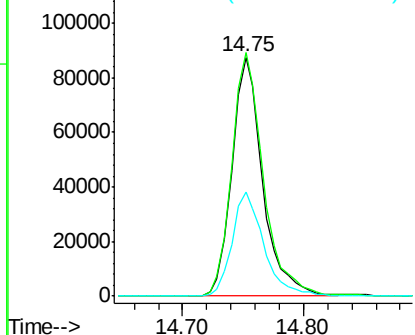


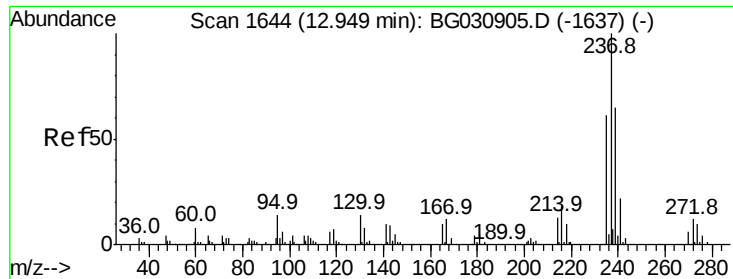
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Tgt Ion:164 Resp: 154571
Ion Ratio Lower Upper
164 100
162 102.0 78.8 118.2
160 43.5 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

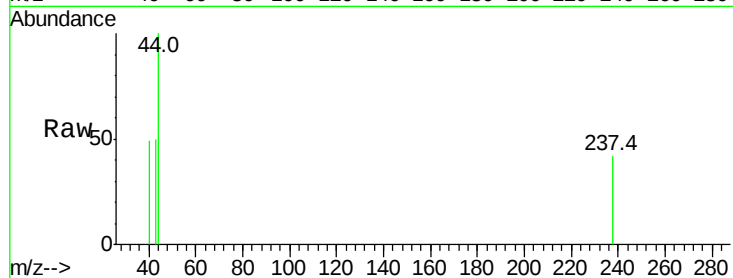




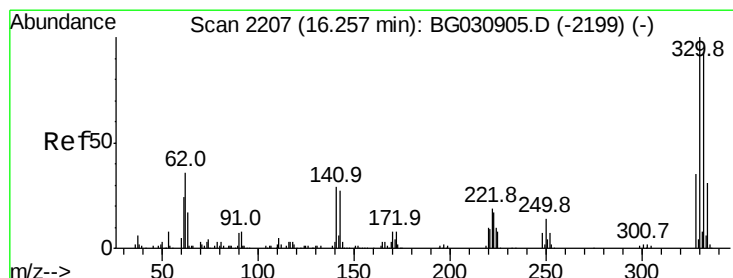
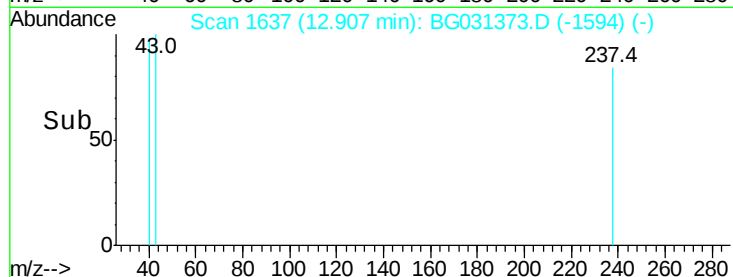
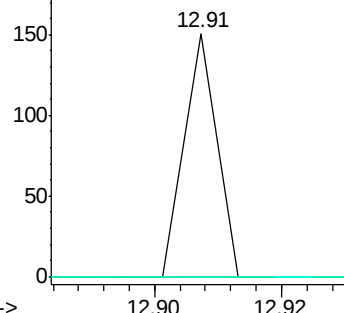
#40
Hexachlorocyclopentadiene
Concen: 10.677 ng
RT: 12.91 min Scan# 1637
Delta R.T. -0.05 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 53
Ion Ratio Lower Upper
237 100
235 0.0 50.4 90.4#
272 0.0 0.0 31.8

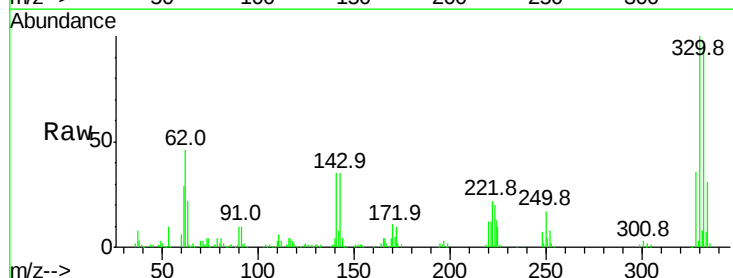


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

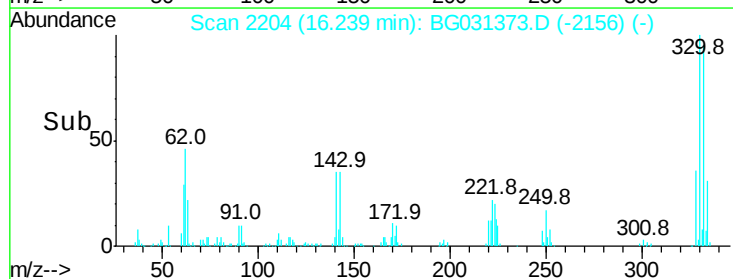
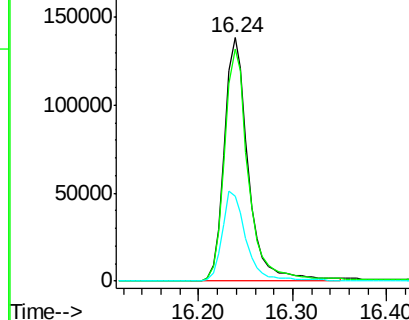


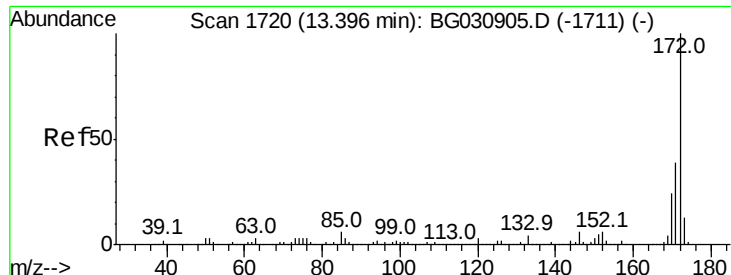
#41
2,4,6-Tribromophenol
Concen: 98.317 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Tgt Ion:330 Resp: 245838
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 37.1 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

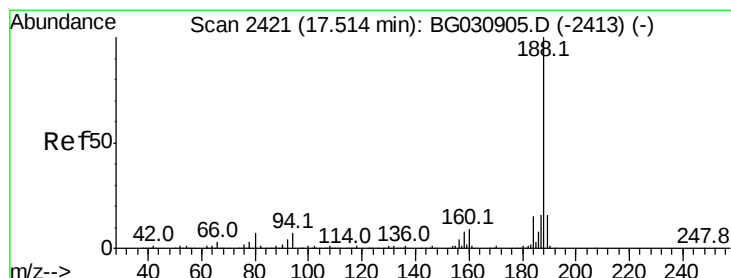
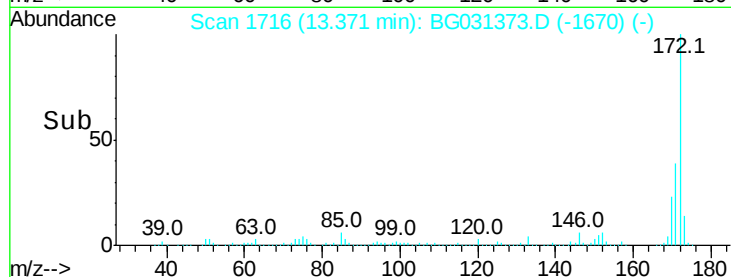
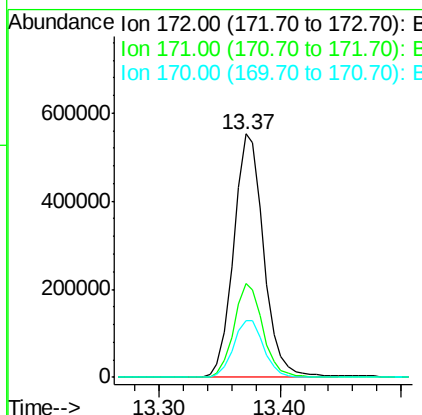
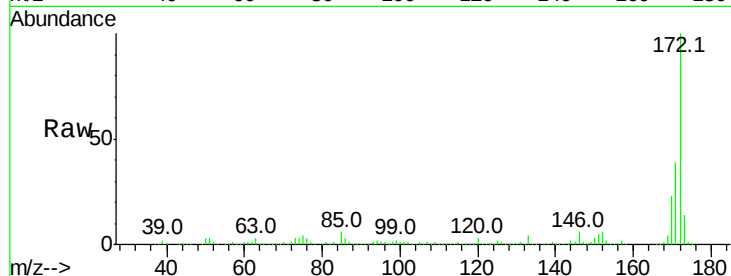




#44
 2-Fluorobiphenyl
 Concen: 89.023 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031373.D
 Acq: 6 Dec 2017 16:28

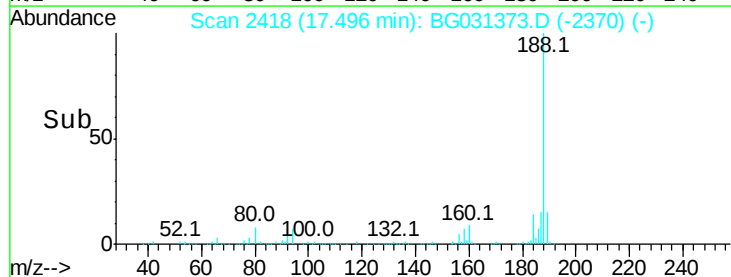
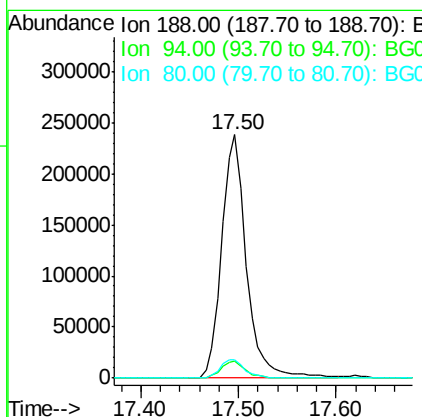
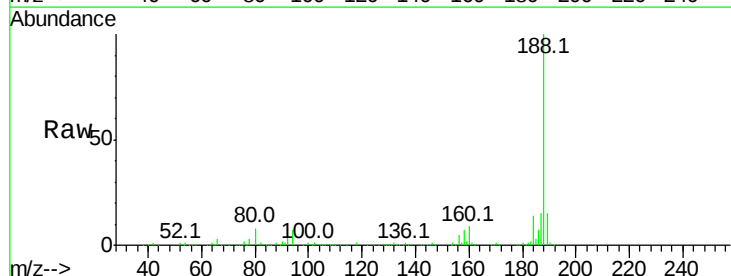
Instrument :
 BNA_G
 ClientSampleId :

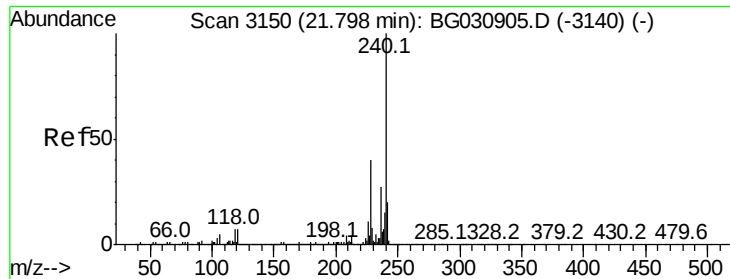
Tot Ion:172 Resp: 957652
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 23.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031373.D
 Acq: 6 Dec 2017 16:28

Tgt Ion:188 Resp: 417252
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3
 80 7.7 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Instrument :

BNA_G

ClientSampleId :

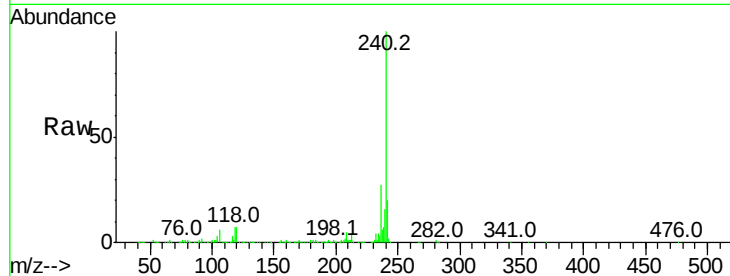
Tot Ion:240 Resp: 514313

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

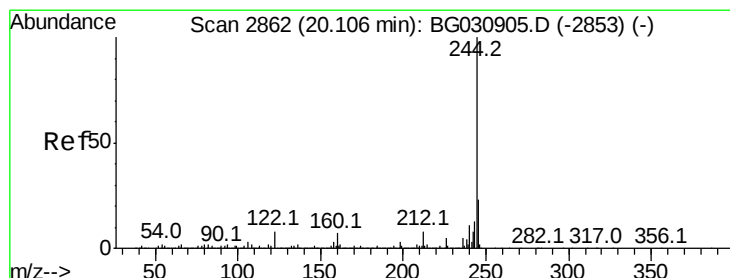
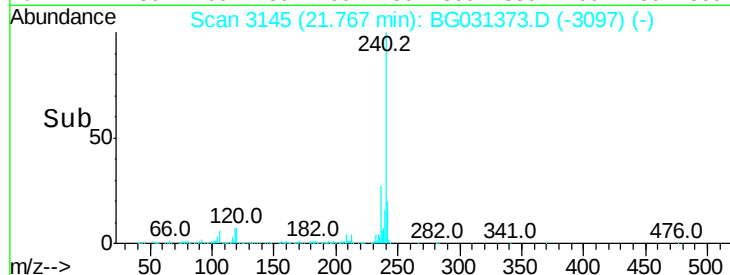
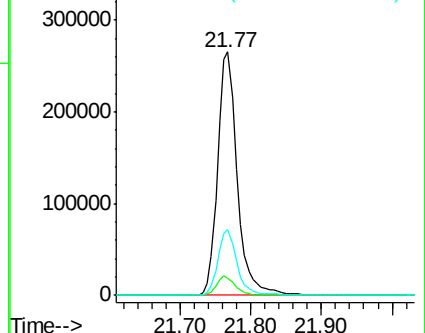
236 26.9 20.9 31.3



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: 81.698 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

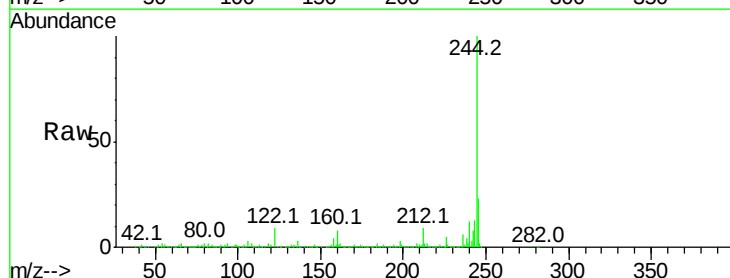
Tgt Ion:244 Resp: 1902939

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

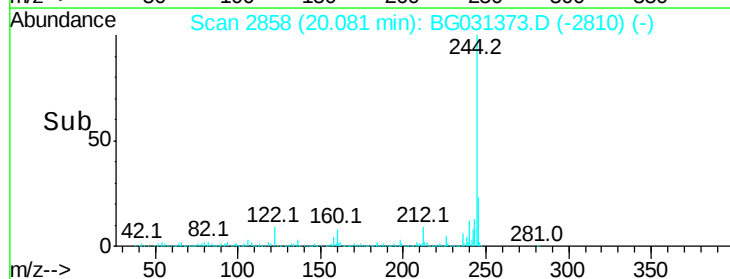
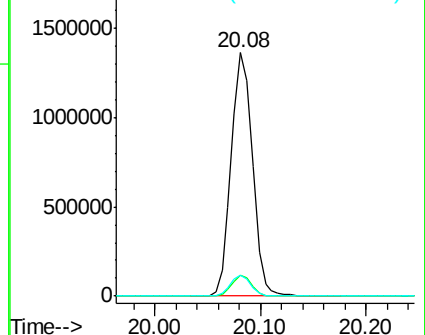
122 8.7 7.0 10.4



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031373.D
 Acq: 6 Dec 2017 16:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	23.3	17.7	26.5

