

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG031001.D
 Acq On : 14 Nov 2017 9:05
 Operator : SJ/JU
 Sample : I6429-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Nov 14 11:37:08 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

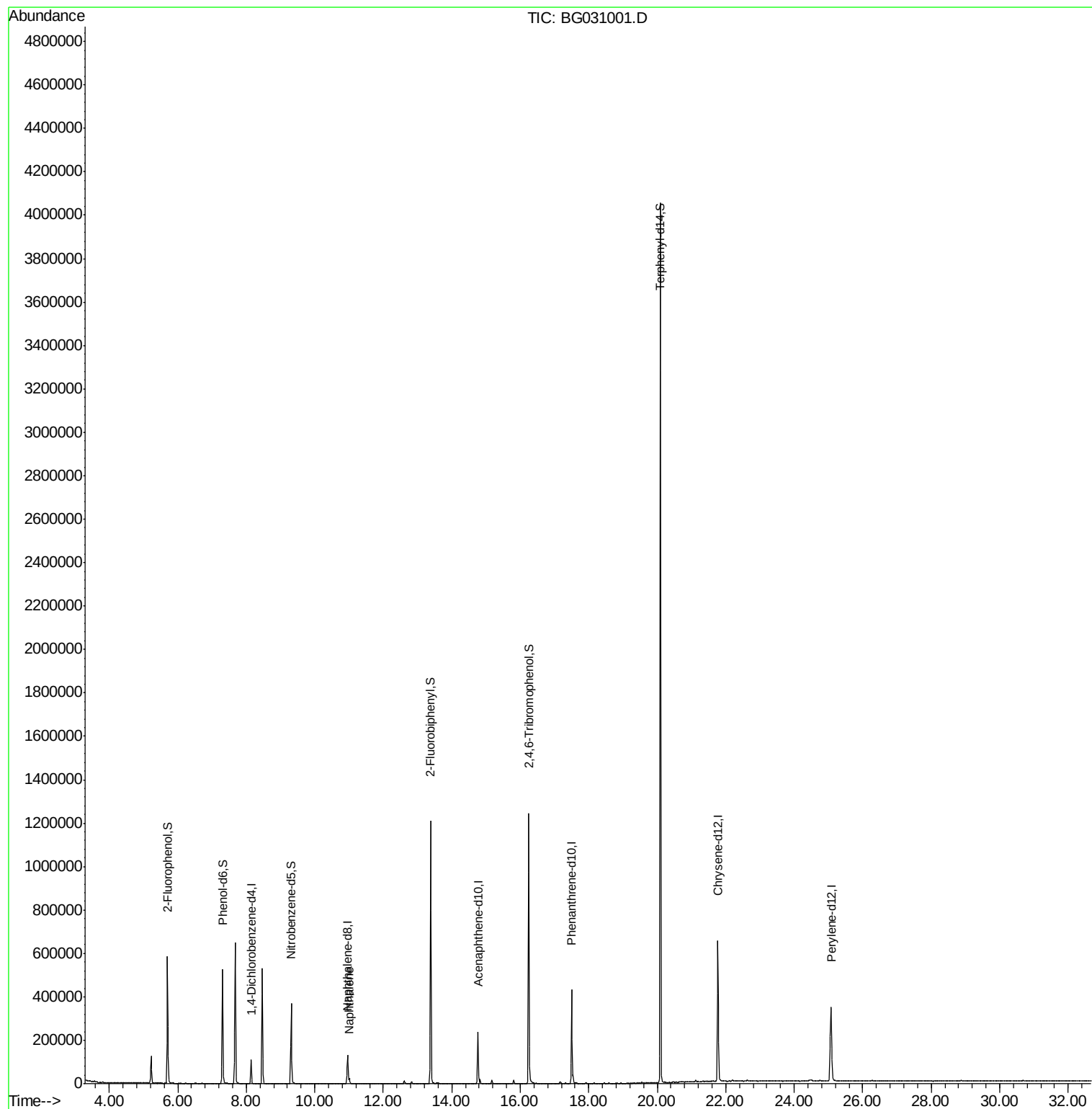
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33778	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	137081	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	93444	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	284940	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	450237	20.00	ng	-0.01
86) Perylene-d12	25.07	264	442066	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	281049	142.68	ng	0.00
7) Phenol-d6	7.31	99	323545	121.92	ng	0.00
23) Nitrobenzene-d5	9.31	82	242510	104.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	304286	201.30	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	720829	110.84	ng	-0.02
78) Terphenyl-d14	20.09	244	1932213	94.76	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	21420	3.179	ng	Qvalue 100

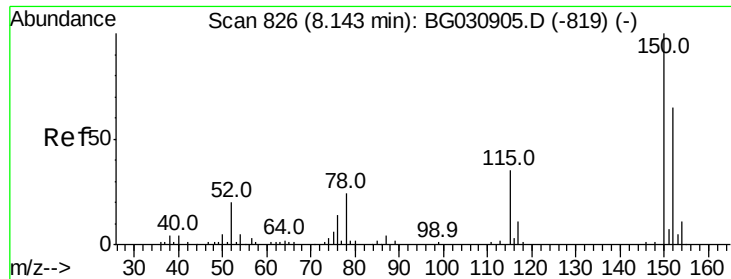
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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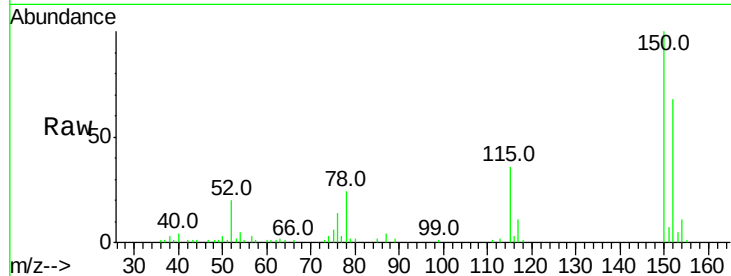


#1

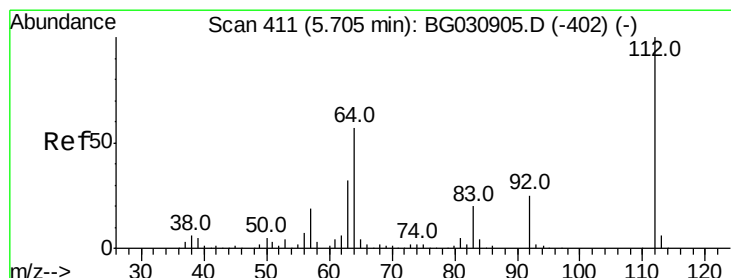
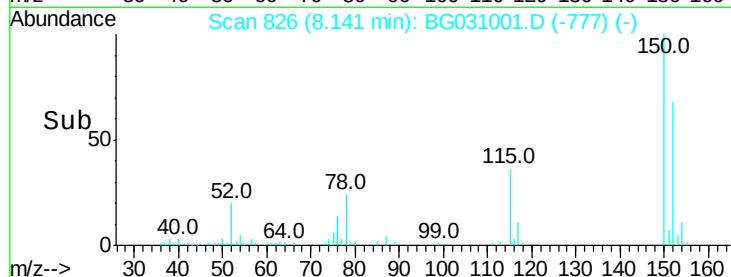
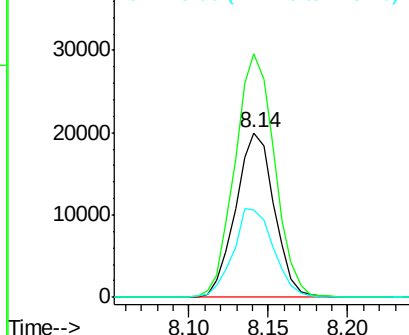
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion:152 Resp: 33778
Ion Ratio Lower Upper
152 100
150 147.8 126.6 189.8
115 53.3 53.0 79.4



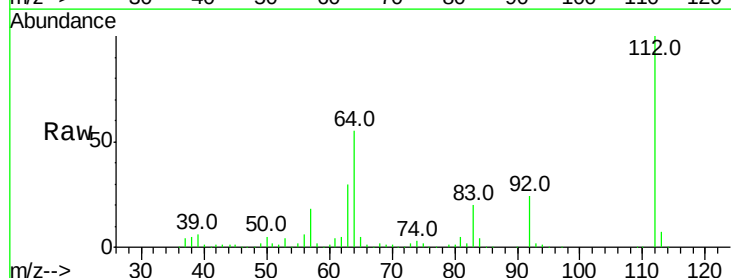
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



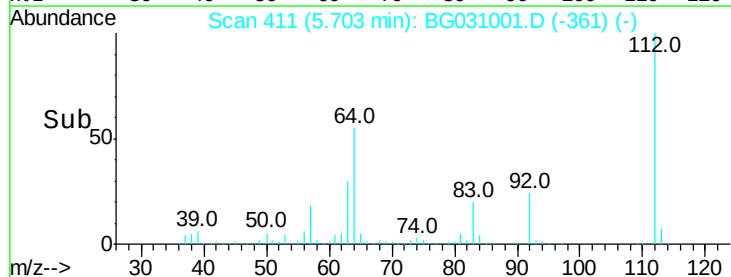
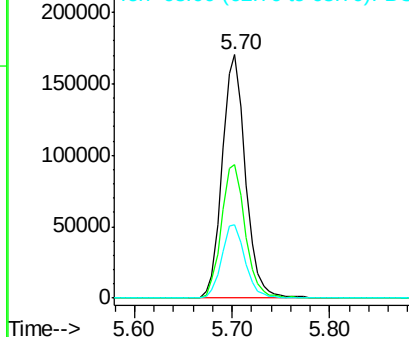
#5

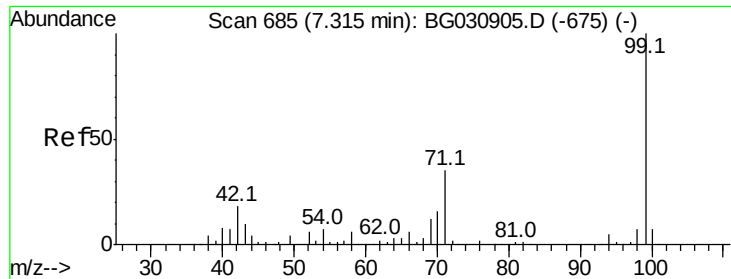
2-Fluorophenol
Concen: 142.676 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Tgt Ion:112 Resp: 281049
Ion Ratio Lower Upper
112 100
64 54.7 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: 121.918 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

Instrument :

BNA_G

ClientSampleId :

SP-1

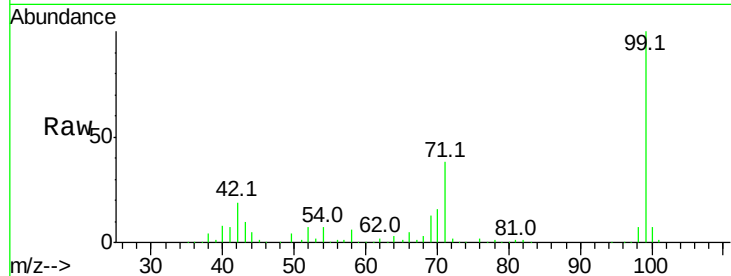
Tot Ion: 99 Resp: 323545

Ion Ratio Lower Upper

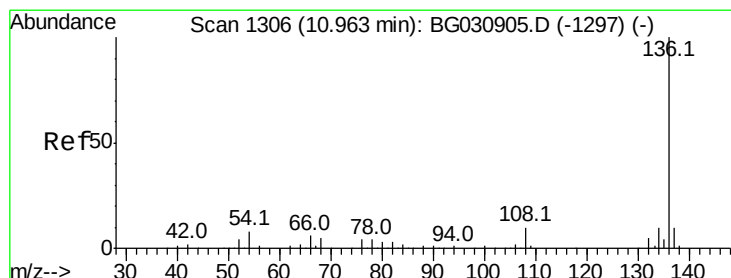
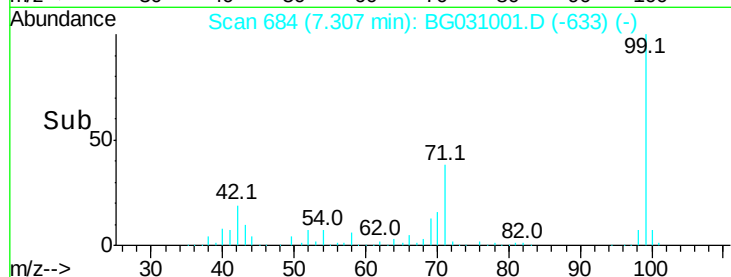
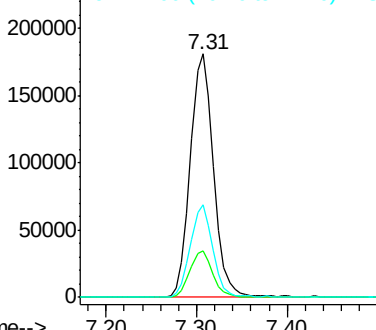
99 100

42 18.9 14.1 21.1

71 38.1 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: BG031001.D

Acq: 14 Nov 2017 9:05

Tgt Ion: 136 Resp: 137081

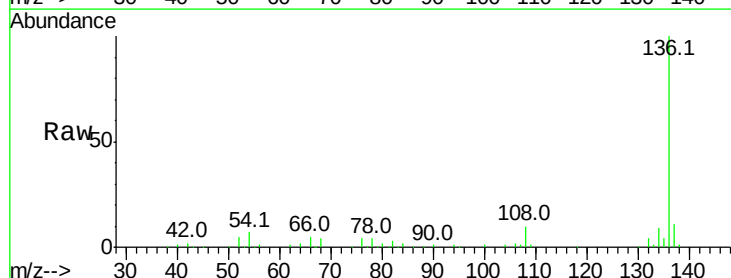
Ion Ratio Lower Upper

136 100

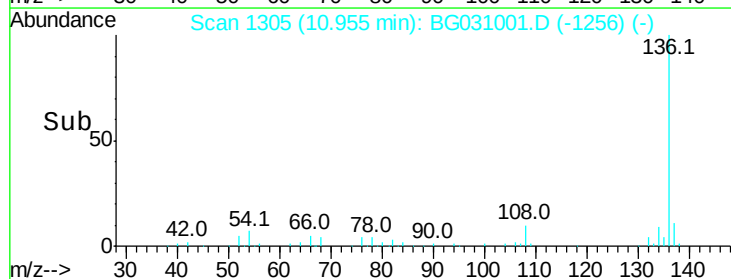
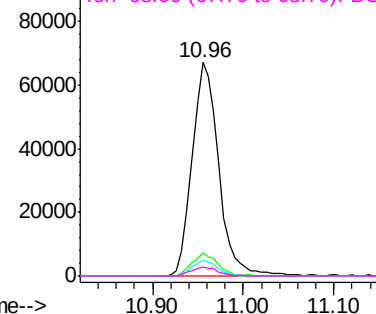
137 10.9 9.2 13.8

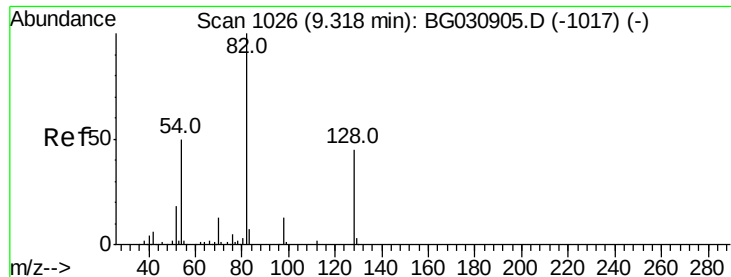
54 7.2 10.3 15.5#

68 4.3 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

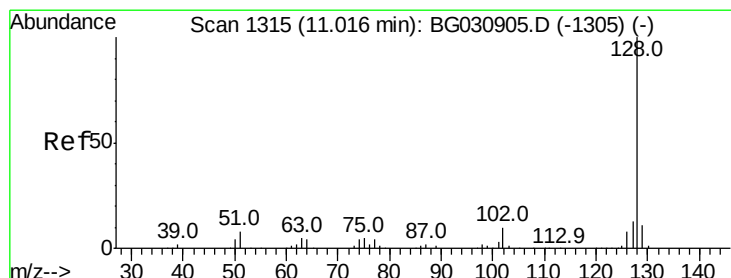
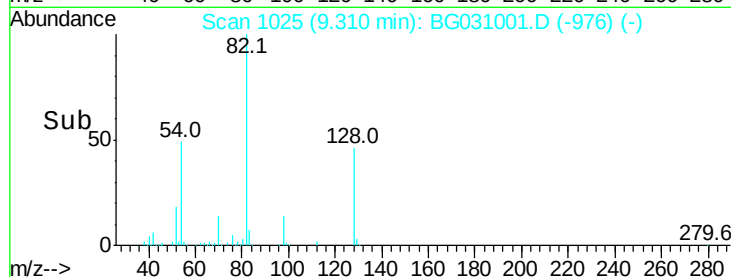
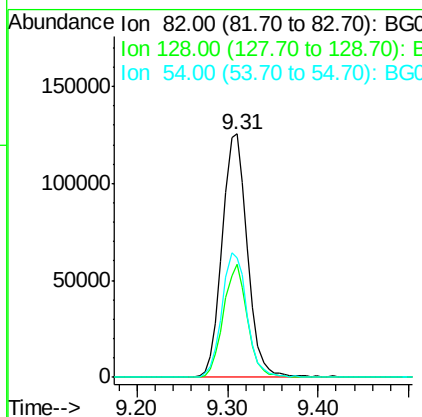
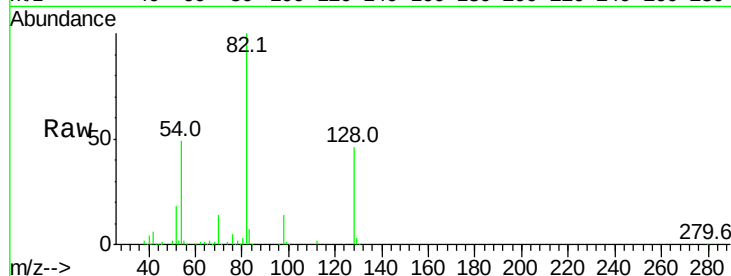




#23
 Nitrobenzene-d5
 Concen: 104.830 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031001.D
 Acq: 14 Nov 2017 9:05

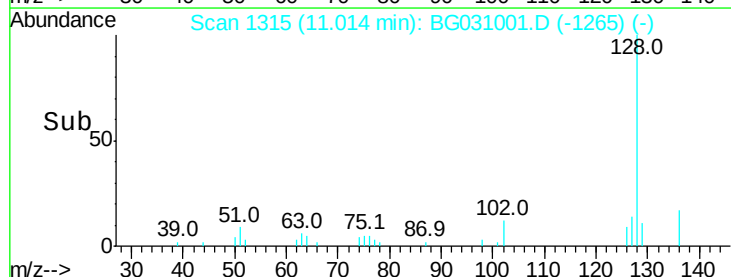
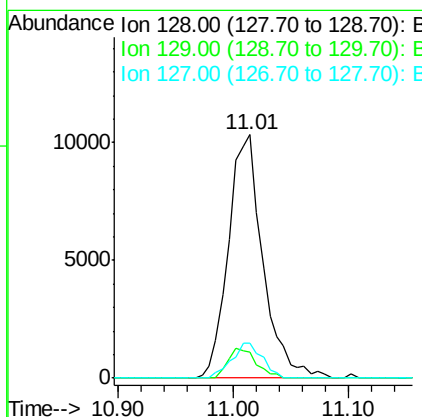
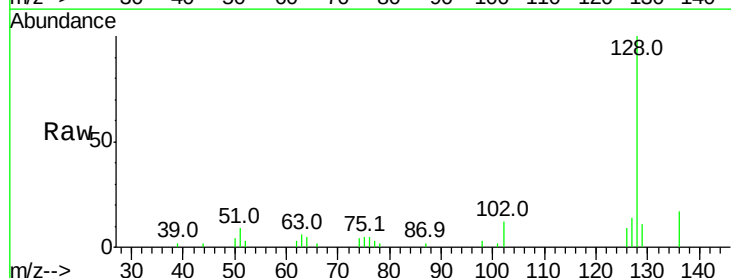
Instrument :
 BNA_G
 ClientSampleId :
 SP-1

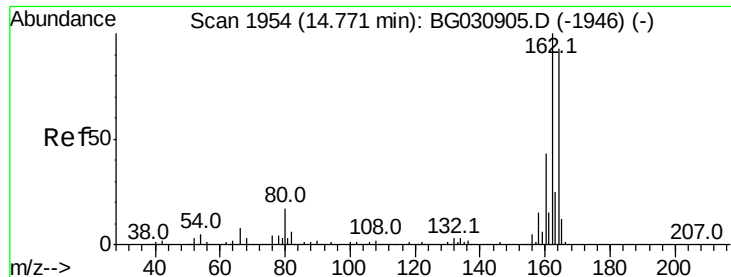
Tot Ion: 82 Resp: 242510
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 49.3 43.1 64.7



#31
 Naphthalene
 Concen: 3.179 ng
 RT: 11.01 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BG031001.D
 Acq: 14 Nov 2017 9:05

Tgt Ion: 128 Resp: 21420
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 12.8
 127 14.4 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

Instrument :

BNA_G

ClientSampleId :

SP-1

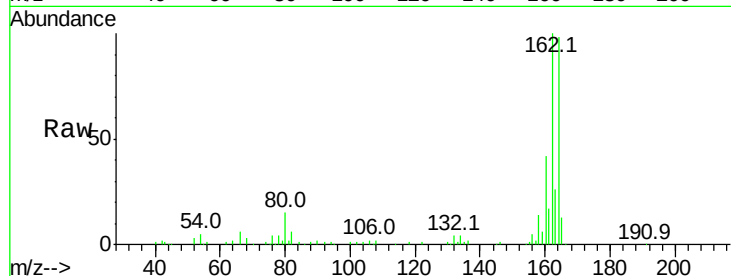
Tot Ion:164 Resp: 93444

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

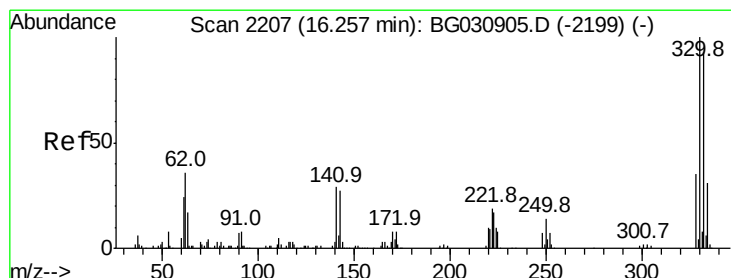
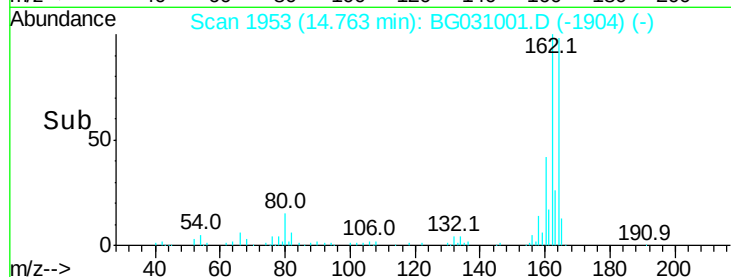
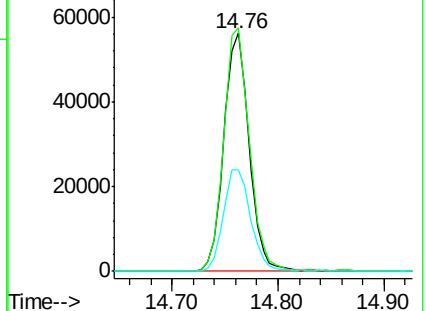
160 42.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 201.298 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

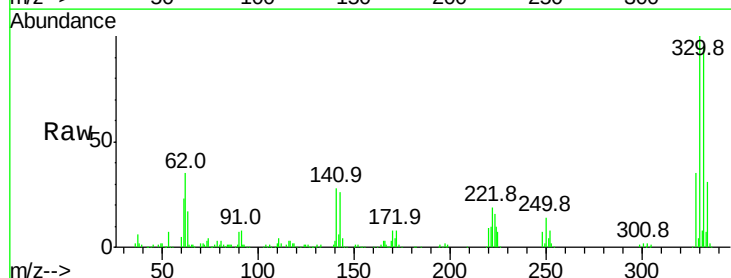
Tgt Ion:330 Resp: 304286

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

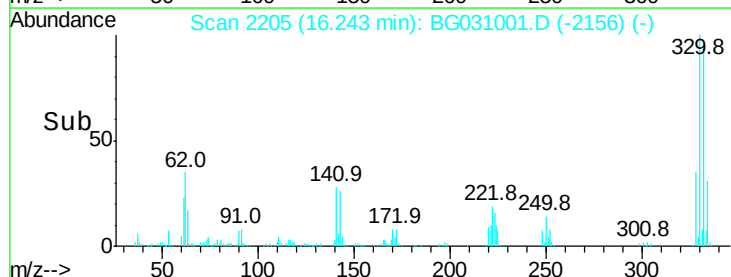
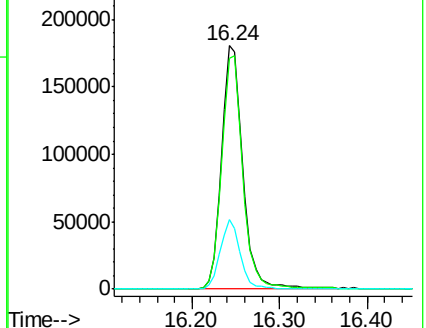
141 26.8 25.2 37.8

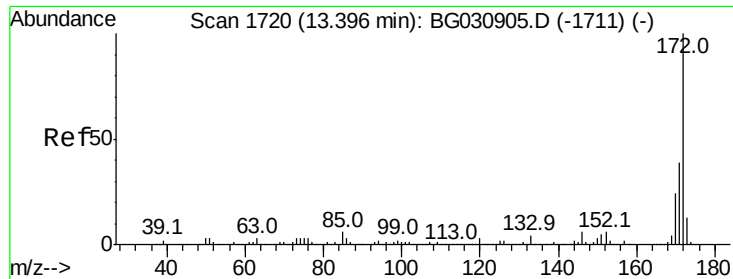


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

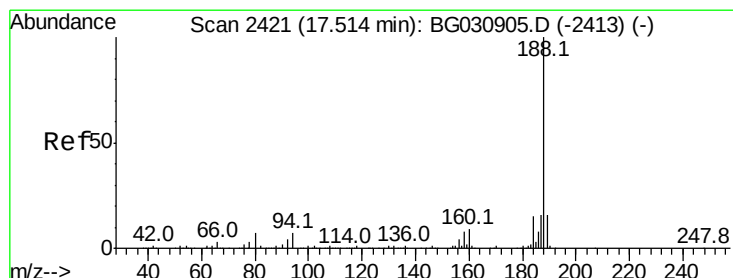
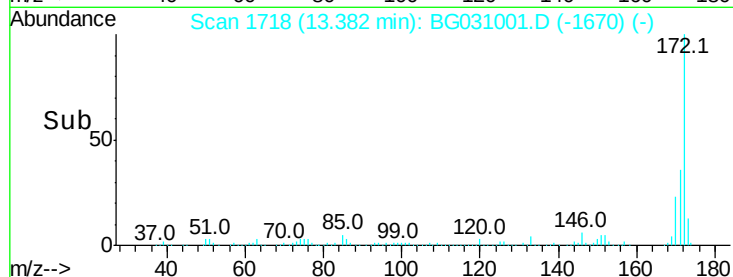
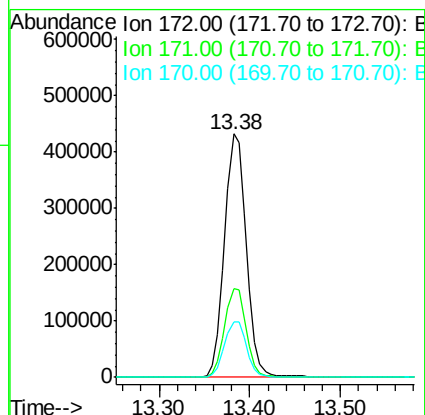
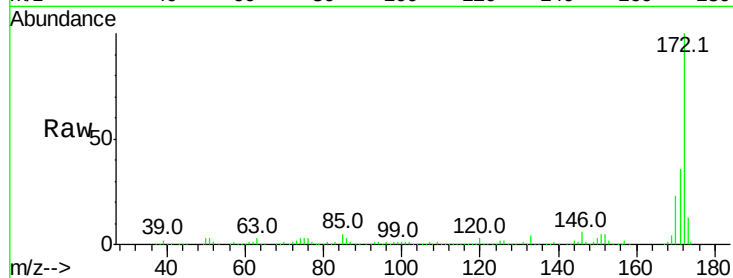




#44
 2-Fluorobiphenyl
 Concen: 110.842 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031001.D
 Acq: 14 Nov 2017 9:05

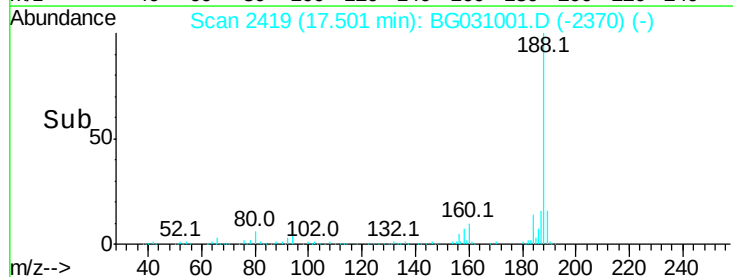
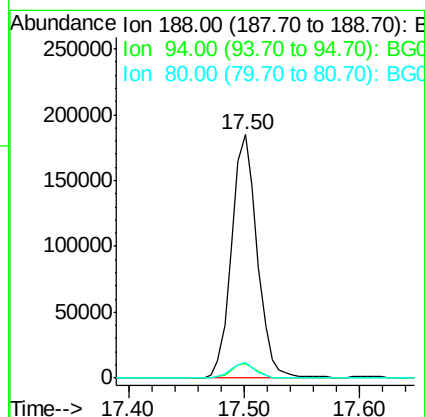
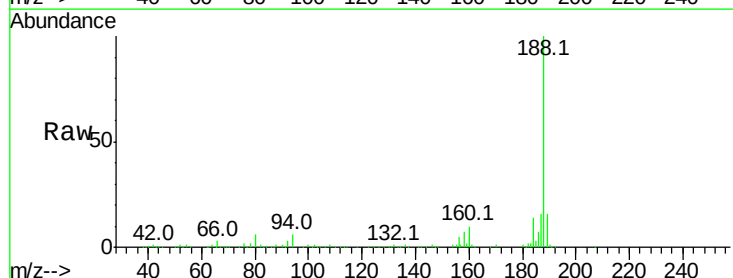
Instrument :
 BNA_G
 ClientSampleID :
 SP-1

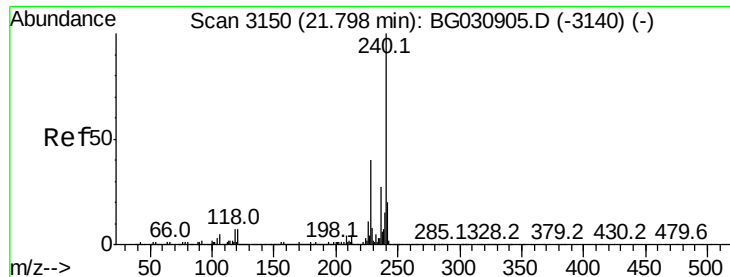
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.8	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031001.D
 Acq: 14 Nov 2017 9:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.5	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

Instrument :

BNA_G

ClientSampleId :

SP-1

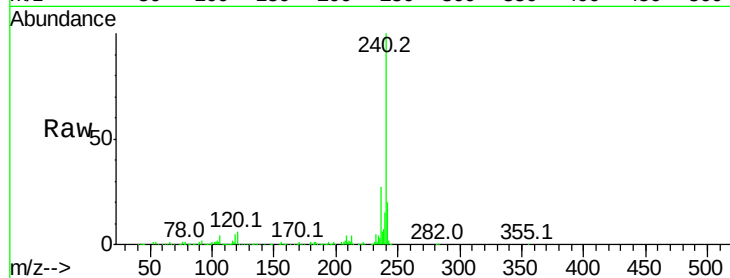
Tot Ion:240 Resp: 450237

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

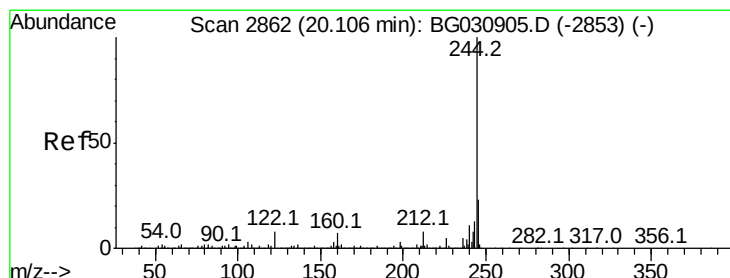
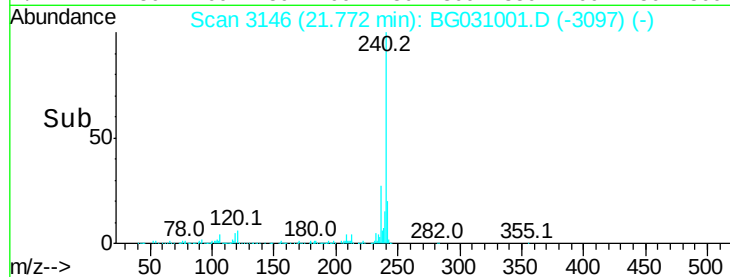
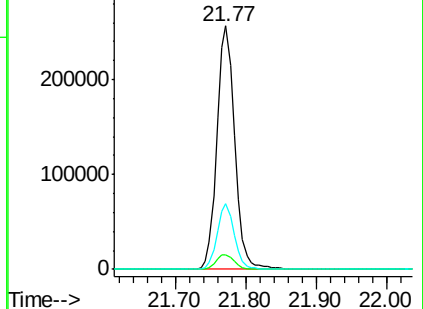
236 26.8 20.9 31.3



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: 94.761 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031001.D

Acq: 14 Nov 2017 9:05

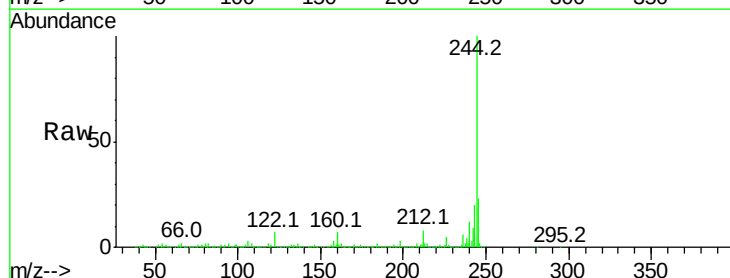
Tgt Ion:244 Resp: 1932213

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

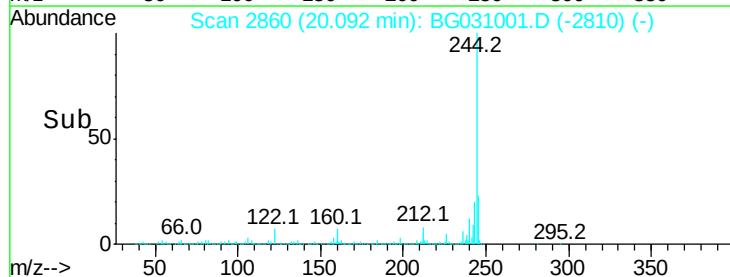
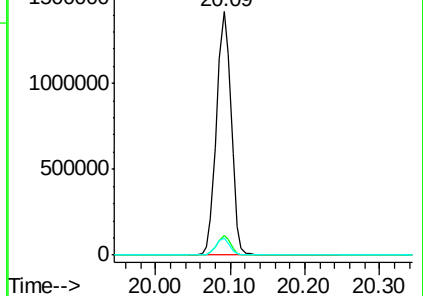
122 7.1 7.0 10.4

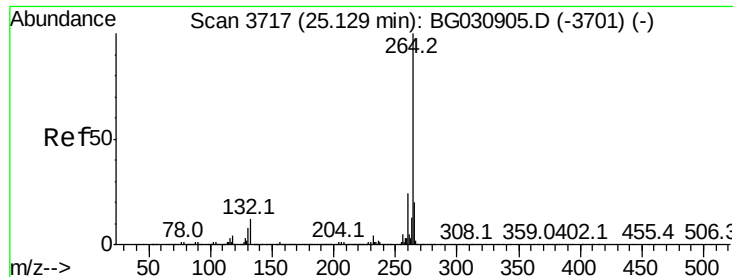


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

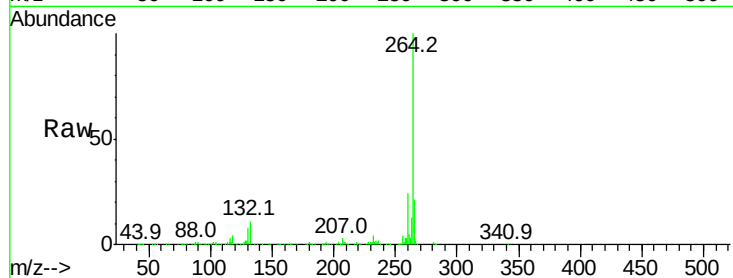




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031001.D
Acq: 14 Nov 2017 9:05

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.3	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

