

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031358.D
 Acq On : 4 Dec 2017 22:23
 Operator : SJ/JU
 Sample : I6659-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRANSFORMER-1-2

Quant Time: Dec 05 05:52:06 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

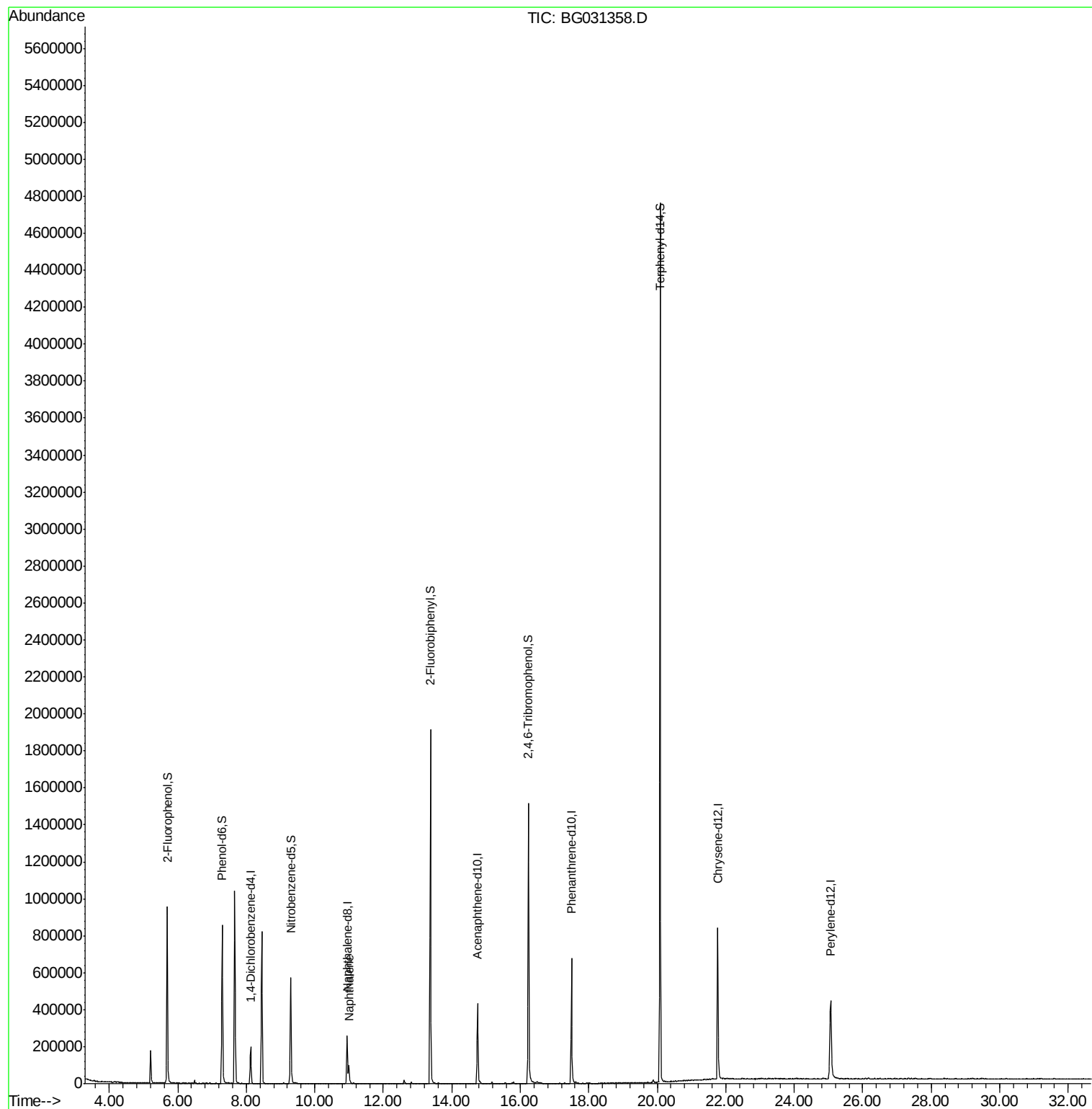
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62371	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	267254	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	179340	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	496067	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	591007	20.00	ng	-0.02
86) Perylene-d12	25.06	264	562218	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	487435	134.01	ng	-0.02
7) Phenol-d6	7.29	99	575609	117.47	ng	-0.01
23) Nitrobenzene-d5	9.30	82	407681	90.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	340468	117.36	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1168271	93.60	ng	-0.02
78) Terphenyl-d14	20.08	244	2345798	87.64	ng	-0.02
Target Compounds						
31) Naphthalene	11.00	128	95480	7.27	ng	Qvalue 99

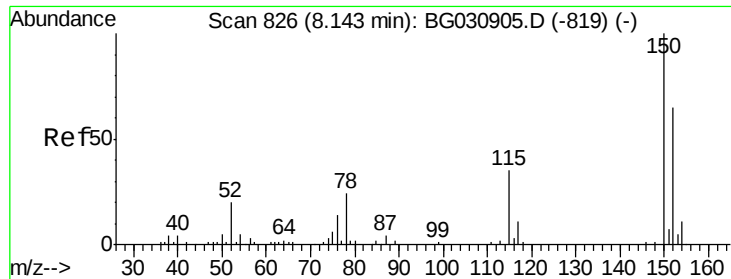
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

Instrument :

BNA_G

ClientSampleId :

TRANSFORMER-1-2

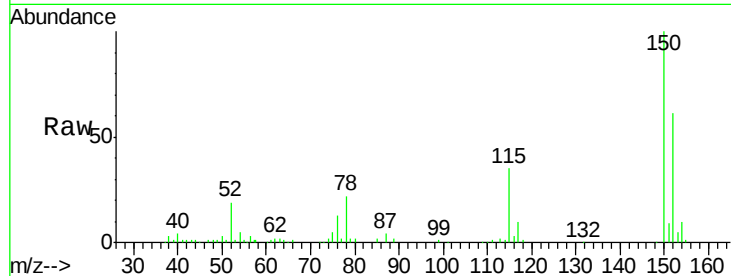
Tot Ion:152 Resp: 62371

Ion Ratio Lower Upper

152 100

150 164.4 126.6 189.8

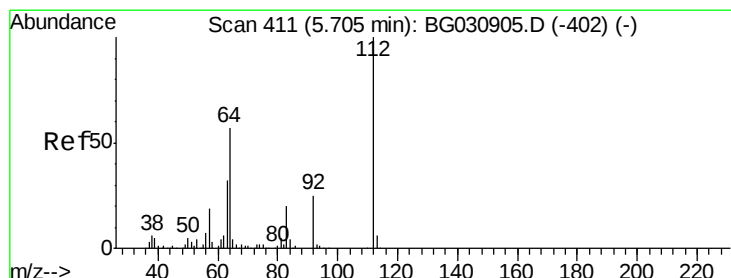
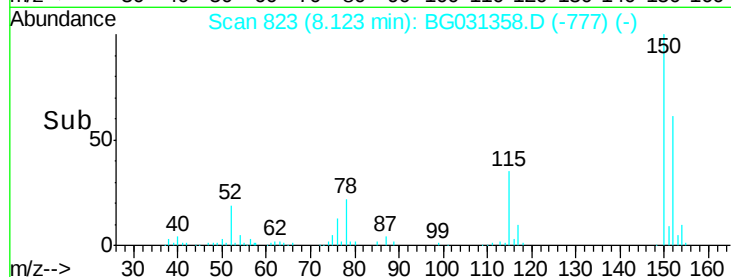
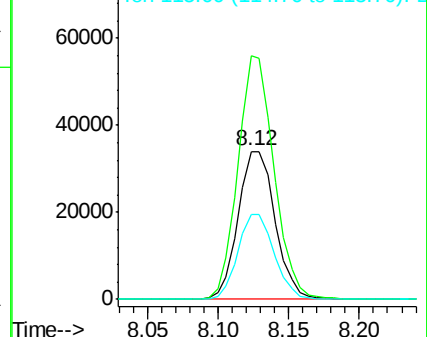
115 56.9 53.0 79.4



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: 134.01 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

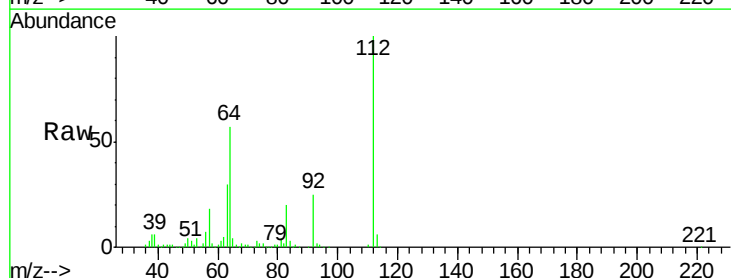
Tgt Ion:112 Resp: 487435

Ion Ratio Lower Upper

112 100

64 56.7 56.3 84.5

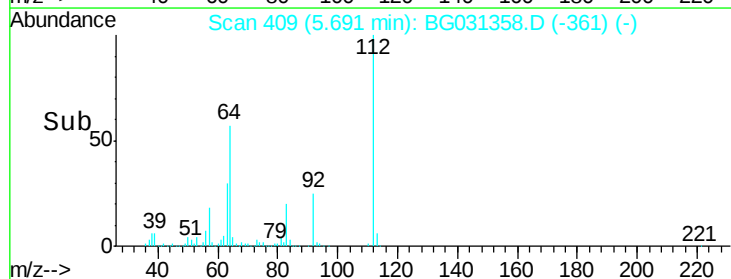
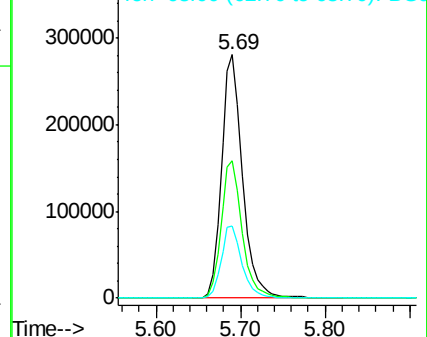
63 29.7 30.1 45.1#

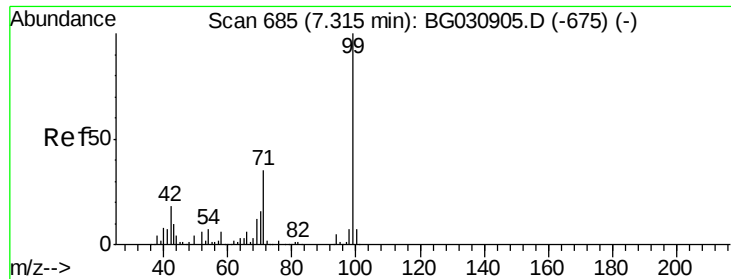


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.47 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

Instrument :

BNA_G

ClientSampleId :

TRANSFORMER-1-2

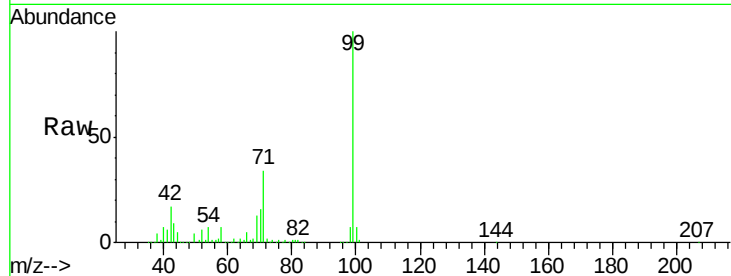
Tot Ion: 99 Resp: 575609

Ion Ratio Lower Upper

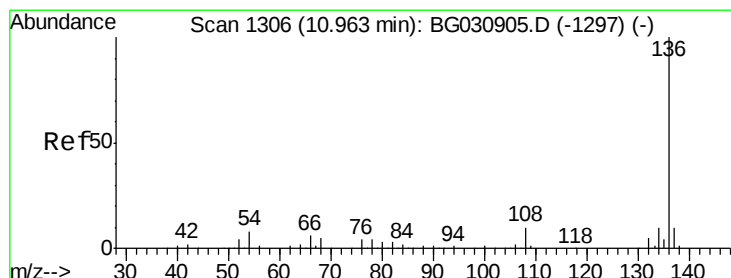
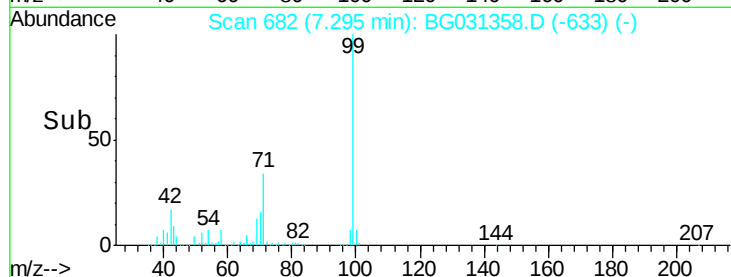
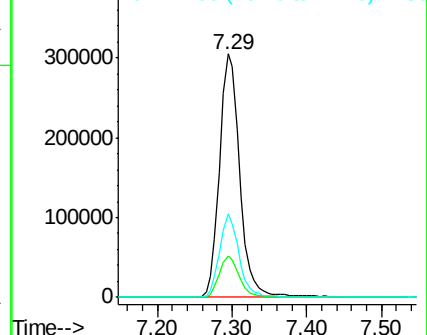
99 100

42 17.2 14.1 21.1

71 34.3 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

Tgt Ion: 136 Resp: 267254

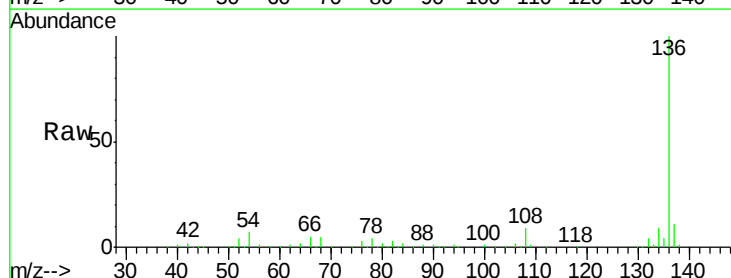
Ion Ratio Lower Upper

136 100

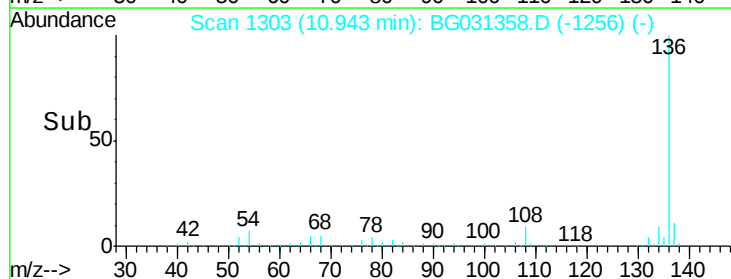
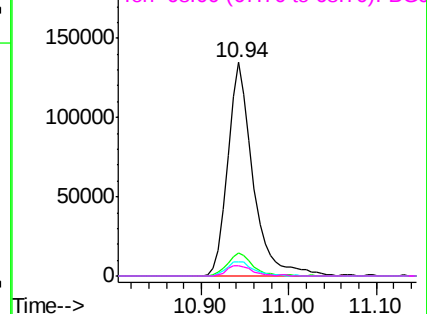
137 10.6 9.2 13.8

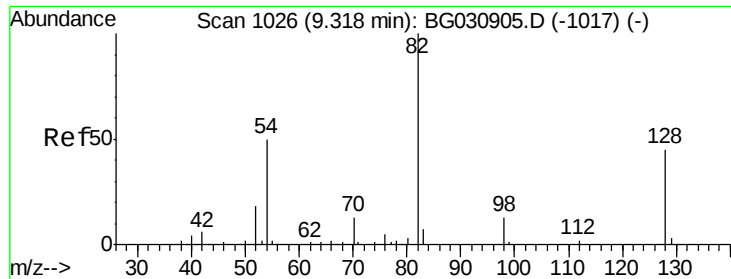
54 6.6 10.3 15.5#

68 5.0 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

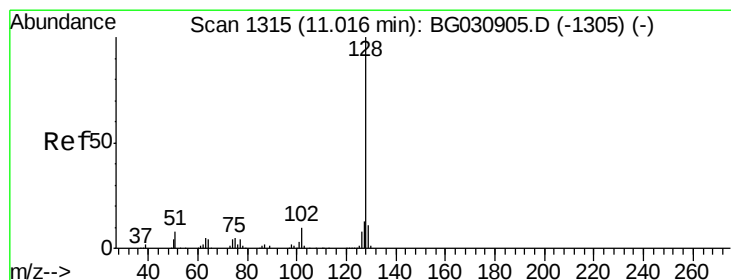
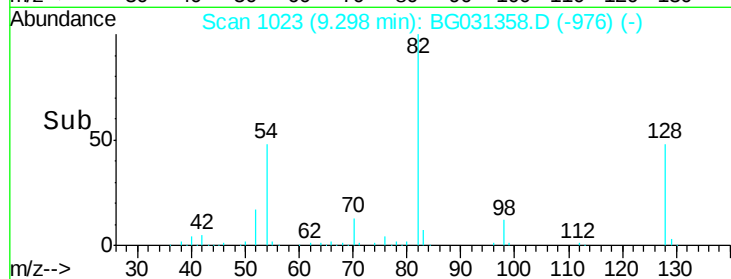
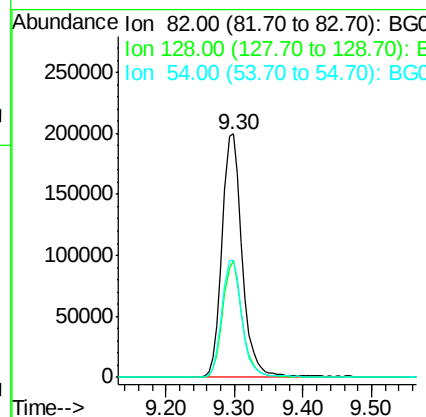
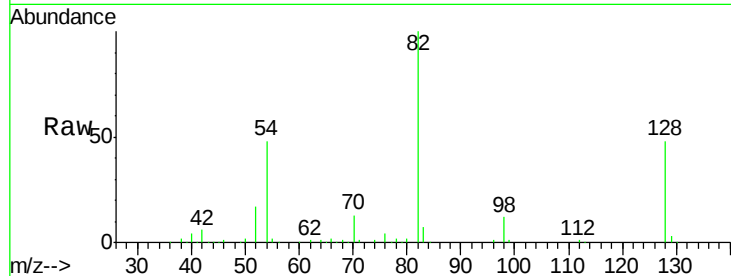




#23
 Nitrobenzene-d5
 Concen: 90.39 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031358.D
 Acq: 4 Dec 2017 22:23

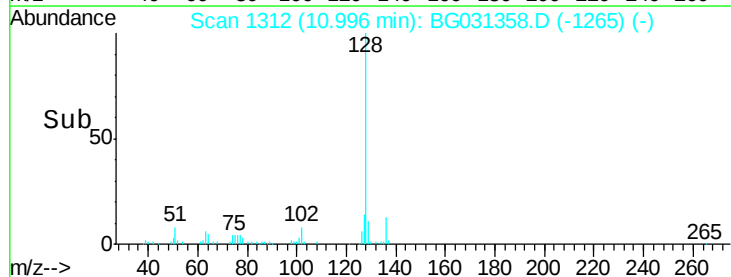
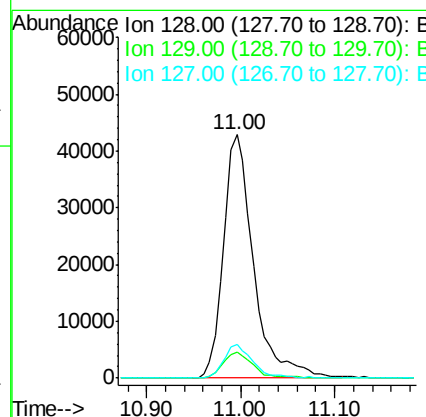
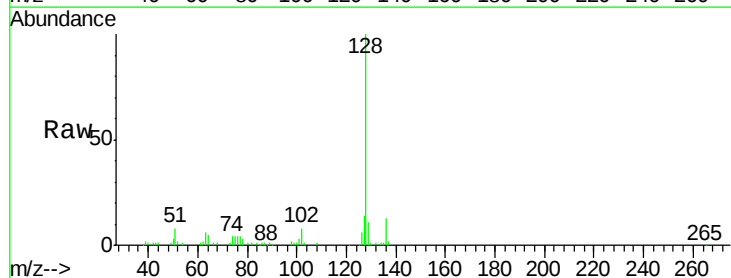
Instrument :
 BNA_G
 ClientSampleId :
 TRANSFORMER-1-2

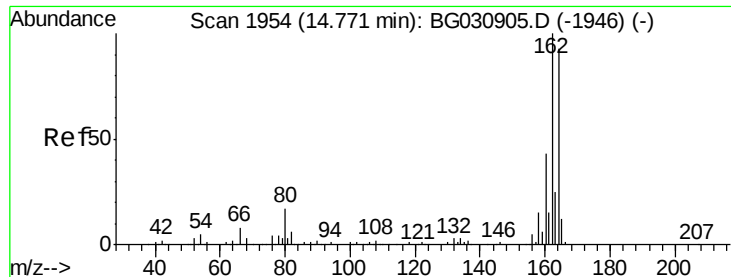
Tot Ion: 82 Resp: 407681
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 48.0 43.1 64.7



#31
 Naphthalene
 Concen: 7.27 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BG031358.D
 Acq: 4 Dec 2017 22:23

Tgt Ion: 128 Resp: 95480
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 12.8
 127 13.7 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

Instrument :

BNA_G

ClientSampleId :

TRANSFORMER-1-2

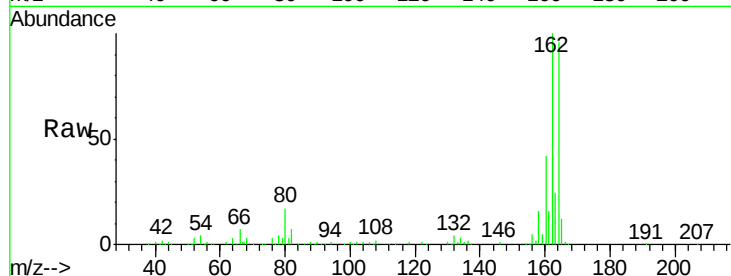
Tot Ion:164 Resp: 179340

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

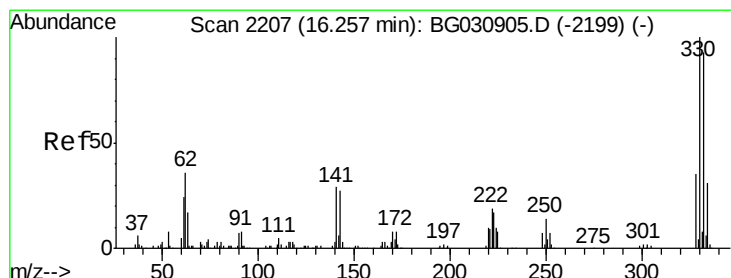
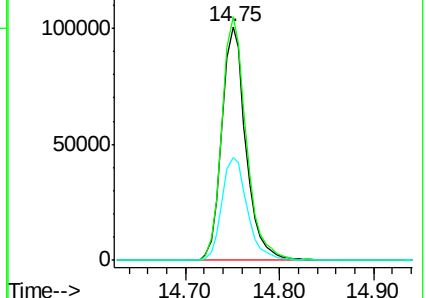
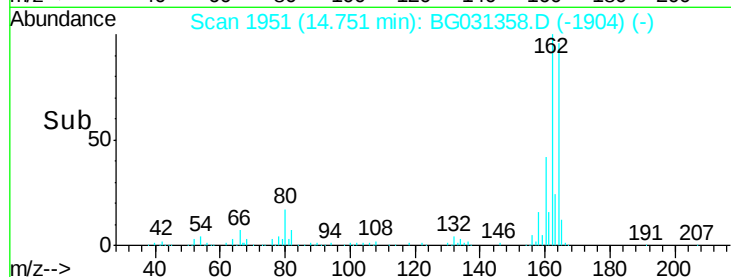
160 44.2 35.4 53.0



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: 117.36 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

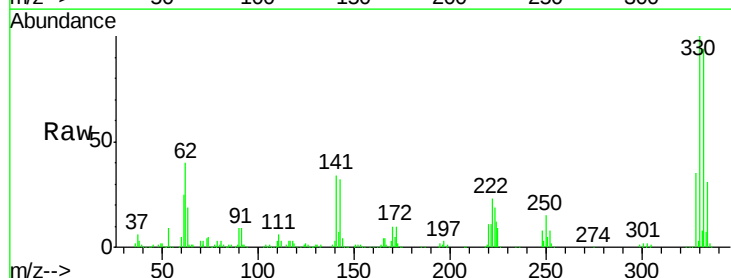
Tgt Ion:330 Resp: 340468

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

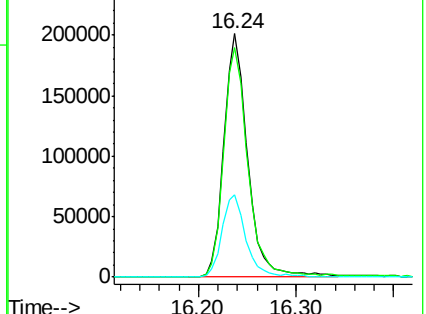
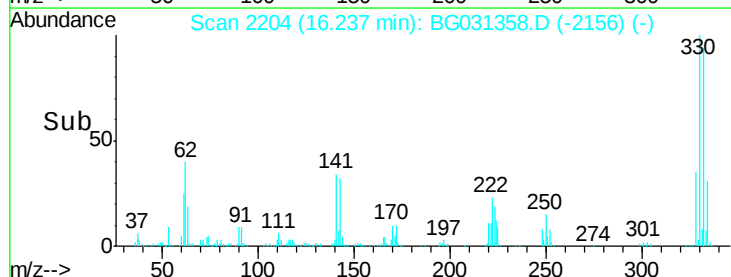
141 34.6 25.2 37.8

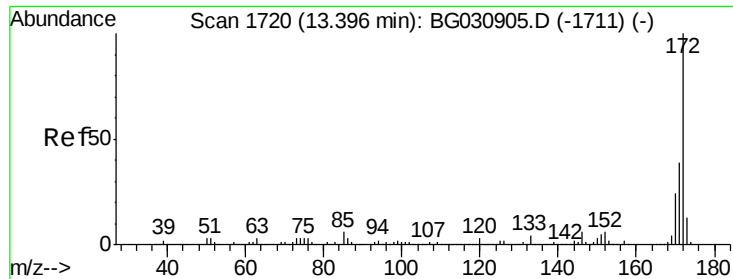


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

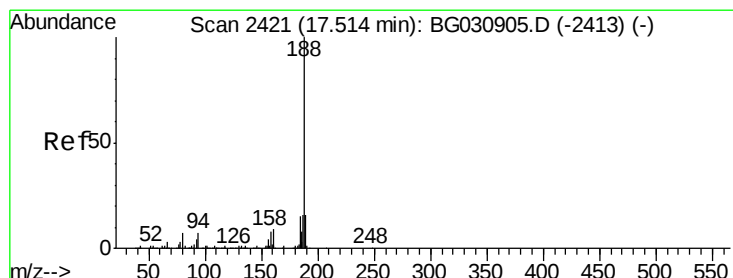
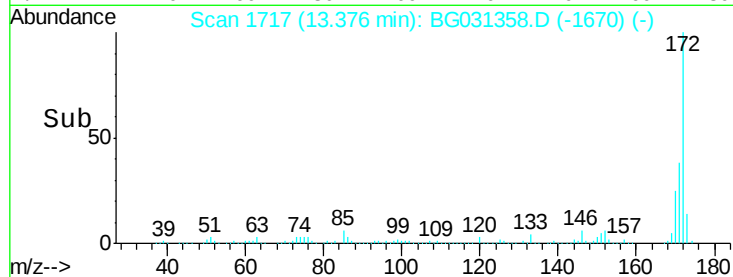
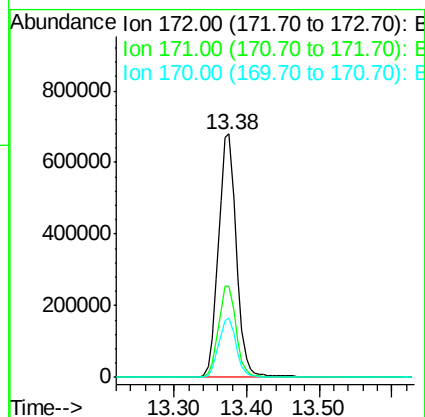
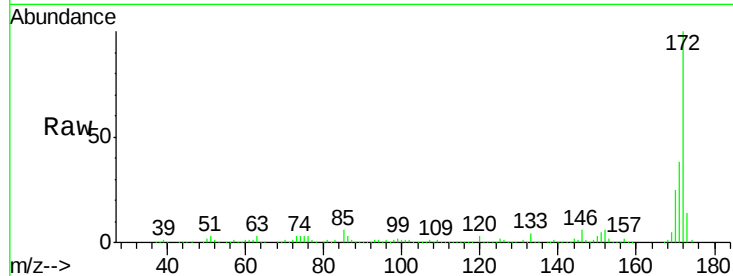




#44
 2-Fluorobiphenyl
 Concen: 93.60 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031358.D
 Acq: 4 Dec 2017 22:23

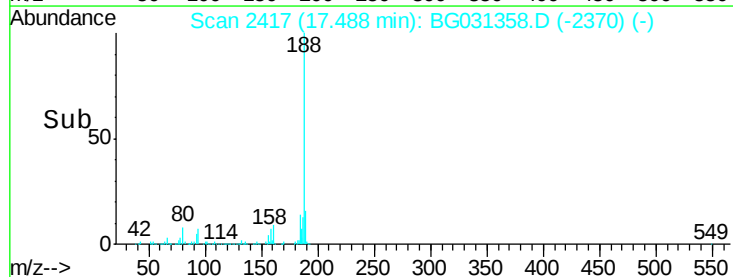
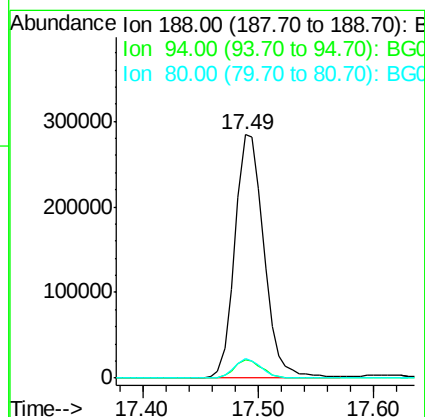
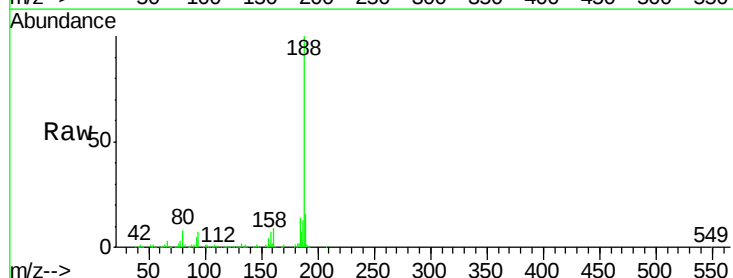
Instrument :
 BNA_G
 ClientSampleId :
 TRANSFORMER-1-2

Tot Ion:172 Resp: 1168271
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031358.D
 Acq: 4 Dec 2017 22:23

Tgt Ion:188 Resp: 496067
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 7.8 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

Instrument :

BNA_G

ClientSampleId :

TRANSFORMER-1-2

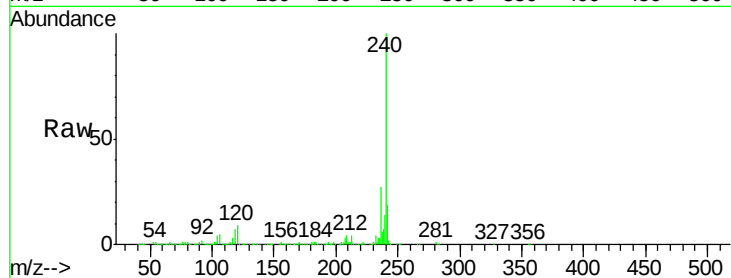
Tot Ion:240 Resp: 591007

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

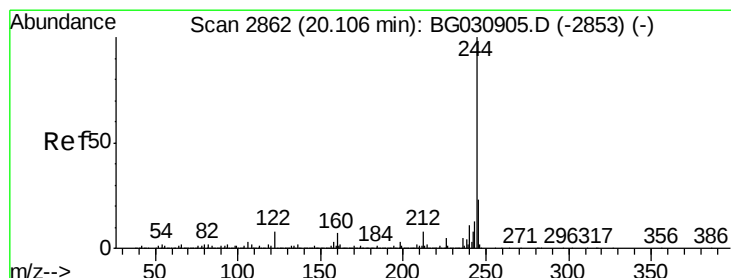
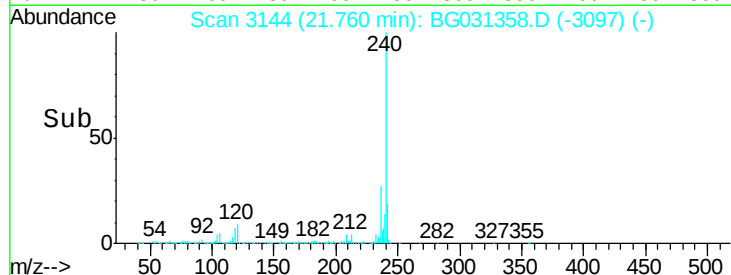
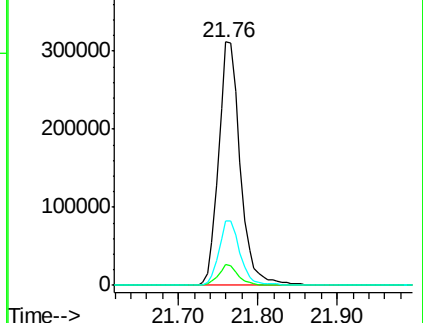
236 26.6 20.9 31.3



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: 87.64 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031358.D

Acq: 4 Dec 2017 22:23

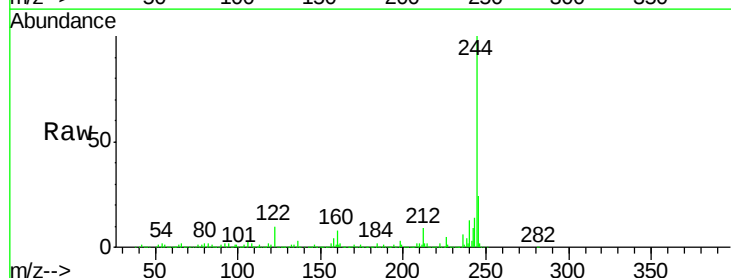
Tgt Ion:244 Resp: 2345798

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

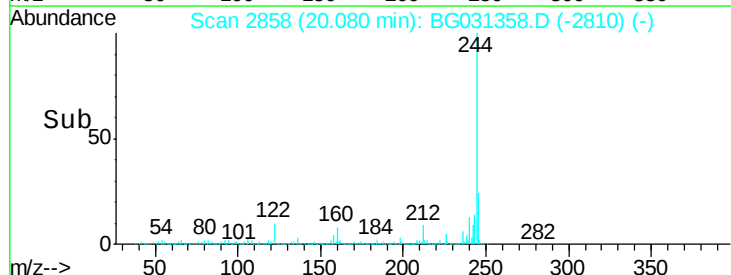
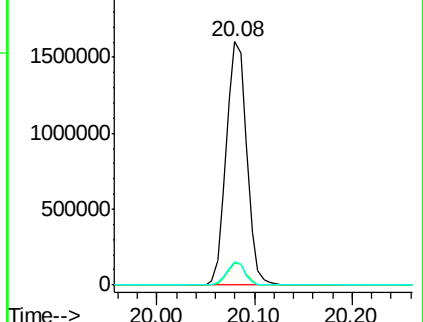
122 9.6 7.0 10.4

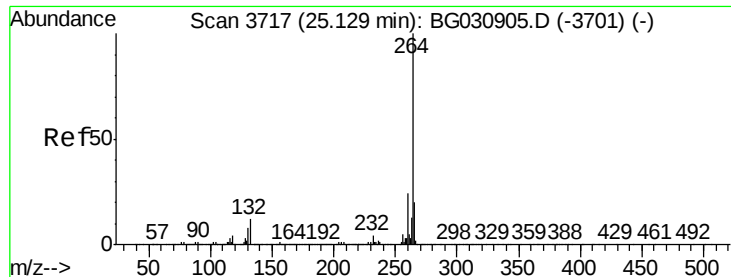


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031358.D
Acq: 4 Dec 2017 22:23

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.5	17.7	26.5

