

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033174.D
 Acq On : 15 Mar 2018 10:09
 Operator : SJ/JU
 Sample : J1911-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-COMP

Quant Time: Mar 15 10:56:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

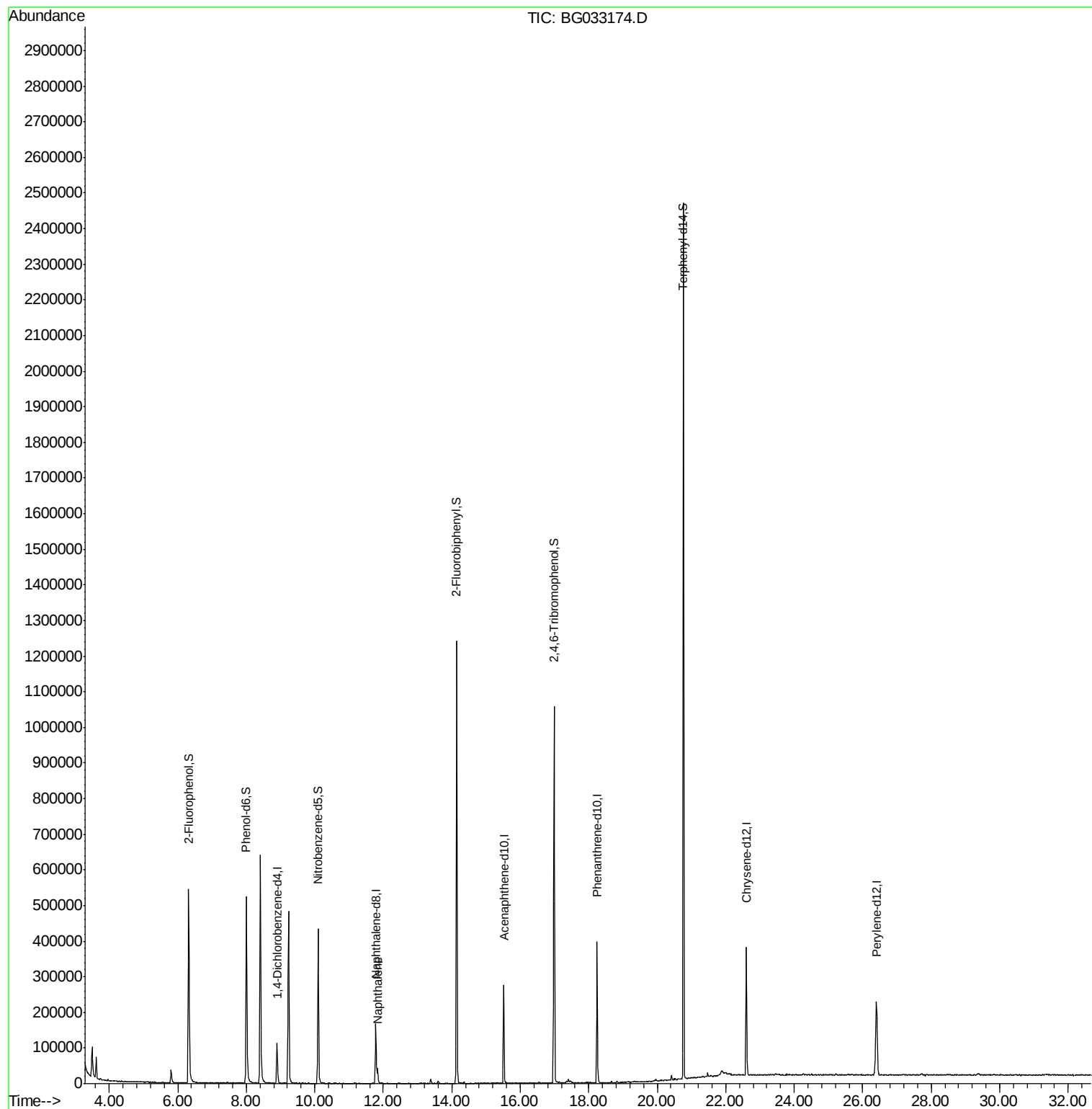
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35794	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	160615	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	96905	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	250343	20.00	ng	0.00
75) Chrysene-d12	22.60	240	237040	20.00	ng	0.00
86) Perylene-d12	26.40	264	251189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	286877	128.22	ng	0.00
7) Phenol-d6	8.00	99	349764	112.16	ng	0.00
23) Nitrobenzene-d5	10.10	82	280528	116.98	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	215683	211.68	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	640042	95.26	ng	0.00
78) Terphenyl-d14	20.76	244	1172520	111.13	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	40548	4.831	ng	Qvalue 99

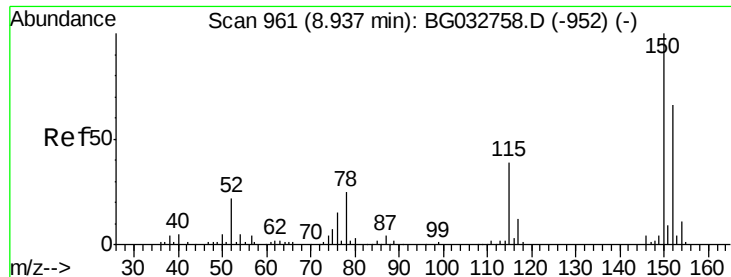
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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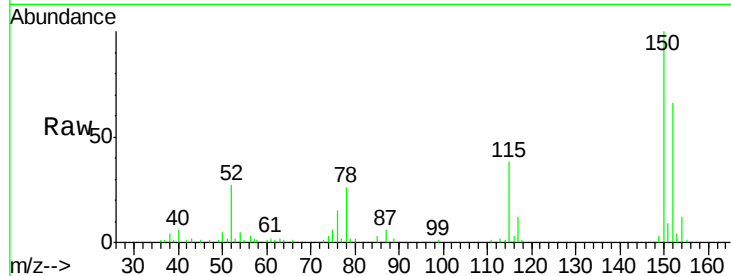


#1

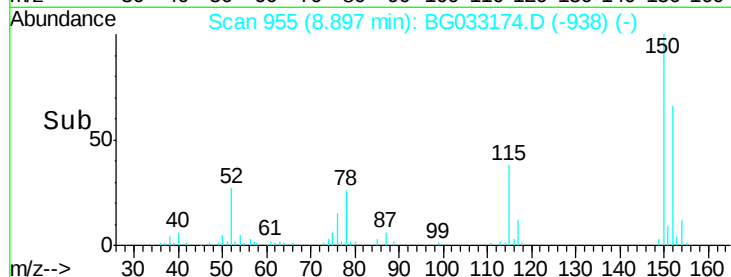
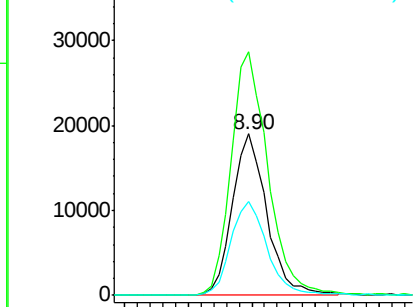
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033174.D
Acq: 15 Mar 2018 10:09

Instrument :
BNA_G
ClientSampleId :
TP-13-COMP

Tot Ion:152 Resp: 35794
Ion Ratio Lower Upper
152 100
150 150.9 126.6 189.8
115 57.9 53.0 79.4



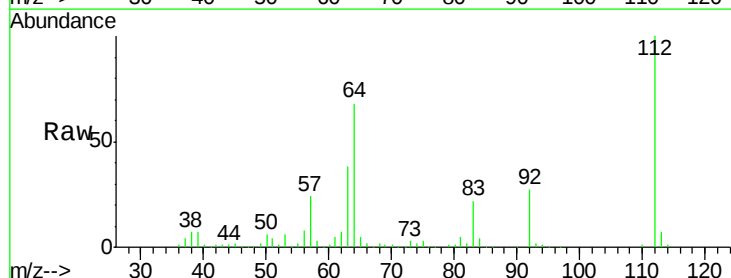
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



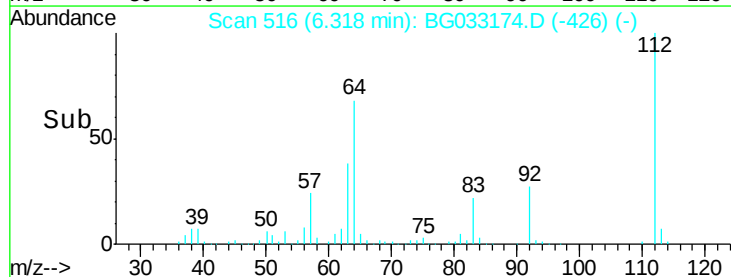
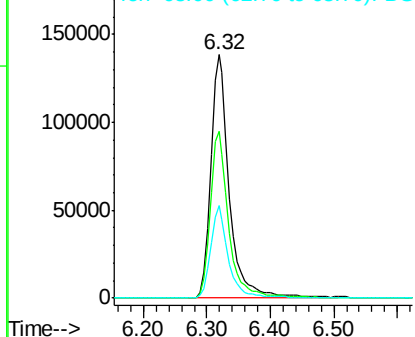
#5

2-Fluorophenol
Concen: 128.223 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033174.D
Acq: 15 Mar 2018 10:09

Tgt Ion:112 Resp: 286877
Ion Ratio Lower Upper
112 100
64 68.4 56.3 84.5
63 37.9 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: 112.157 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033174.D

Acq: 15 Mar 2018 10:09

Instrument :

BNA_G

ClientSampleId :

TP-13-COMP

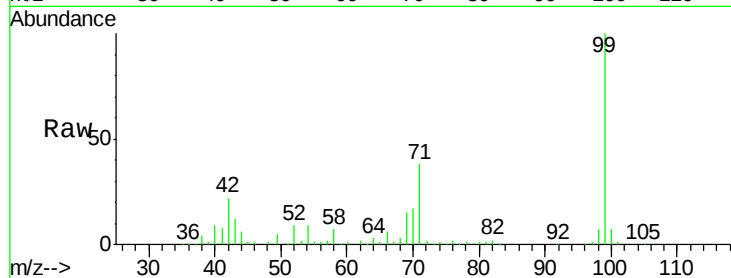
Tot Ion: 99 Resp: 349764

Ion Ratio Lower Upper

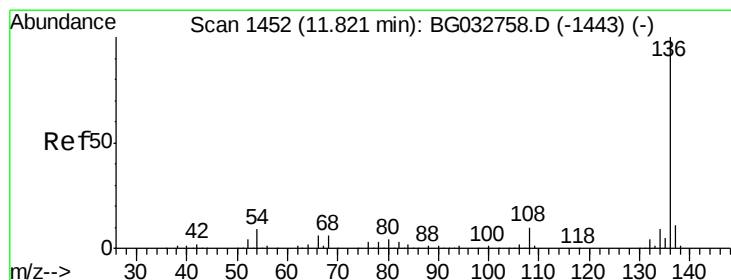
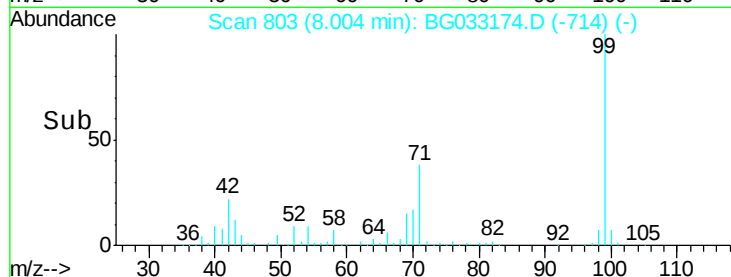
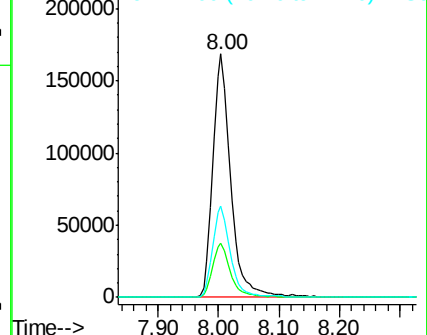
99 100

42 22.1 14.1 21.1#

71 37.6 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: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033174.D

Acq: 15 Mar 2018 10:09

Tgt Ion: 136 Resp: 160615

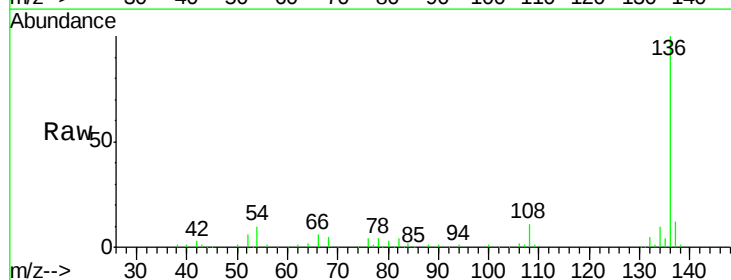
Ion Ratio Lower Upper

136 100

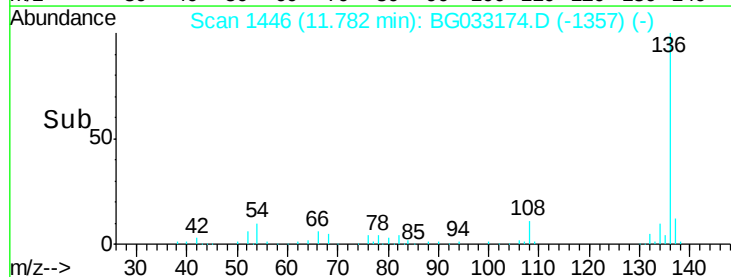
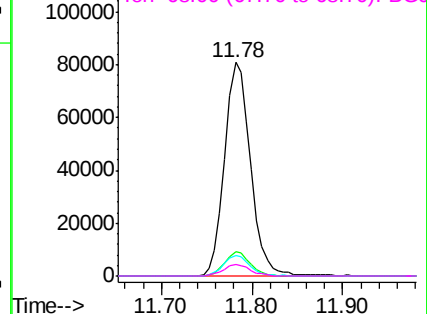
137 11.6 9.2 13.8

54 9.8 10.3 15.5#

68 5.3 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: 116.982 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033174.D

Acq: 15 Mar 2018 10:09

Instrument :

BNA_G

ClientSampleId :

TP-13-COMP

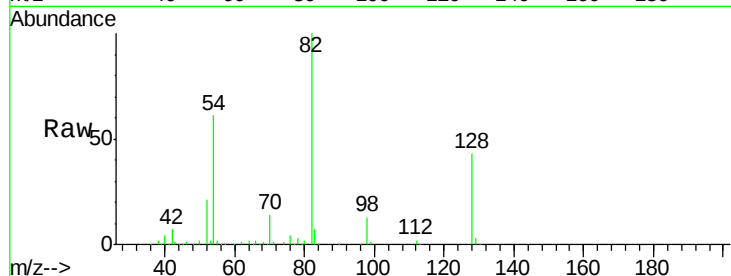
Tot Ion: 82 Resp: 280528

Ion Ratio Lower Upper

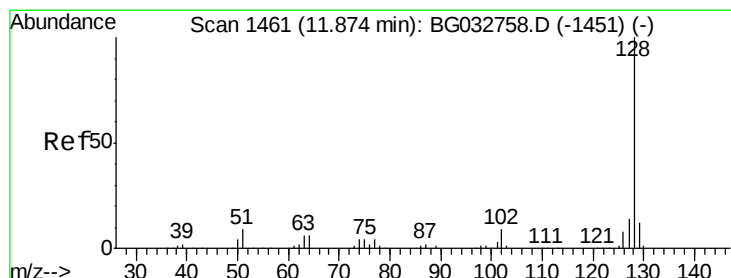
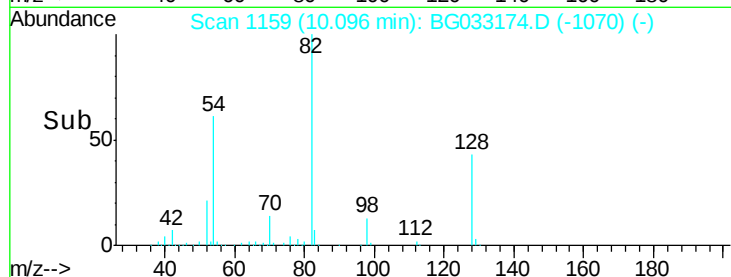
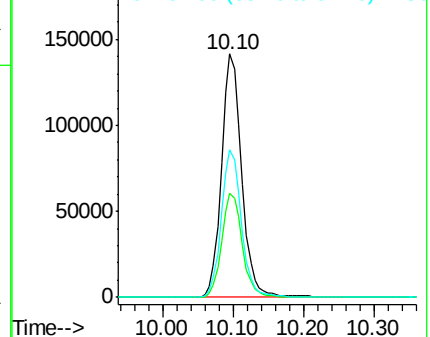
82 100

128 42.7 29.7 44.5

54 60.6 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



#31

Naphthalene

Concen: 4.831 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG033174.D

Acq: 15 Mar 2018 10:09

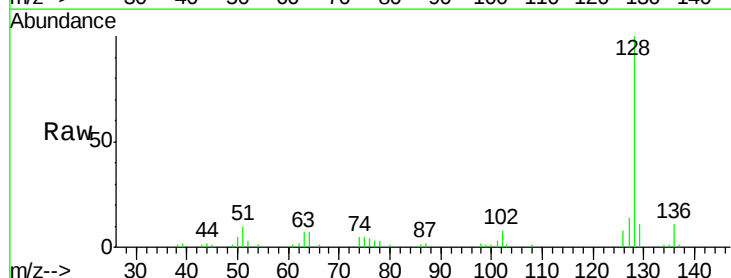
Tgt Ion:128 Resp: 40548

Ion Ratio Lower Upper

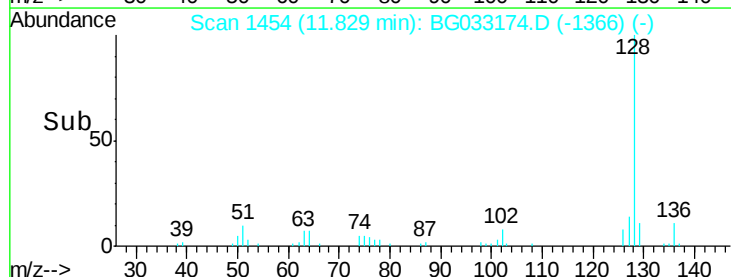
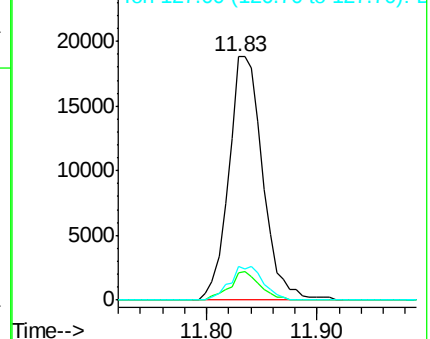
128 100

129 11.1 8.6 12.8

127 13.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG033174.D

Acq: 15 Mar 2018 10:09

Instrument :

BNA_G

ClientSampleId :

TP-13-COMP

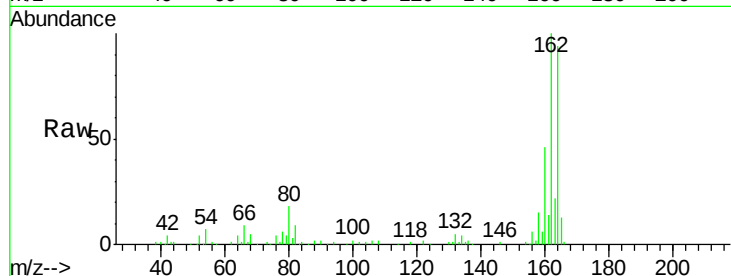
Tot Ion:164 Resp: 96905

Ion Ratio Lower Upper

164 100

162 106.4 78.8 118.2

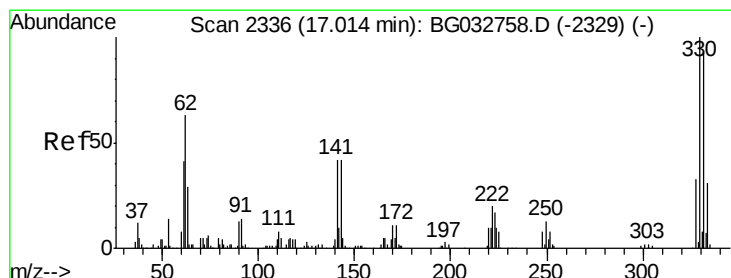
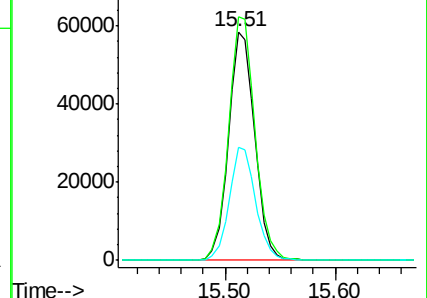
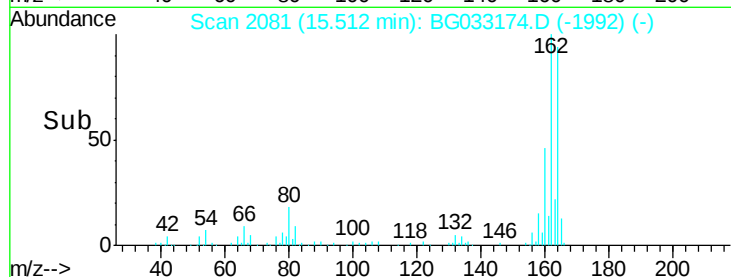
160 49.4 35.4 53.0



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: 211.677 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BG033174.D

Acq: 15 Mar 2018 10:09

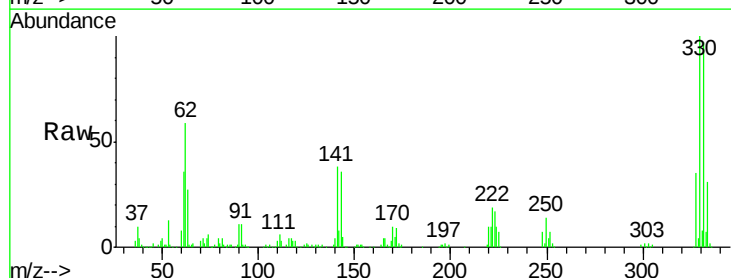
Tgt Ion:330 Resp: 215683

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

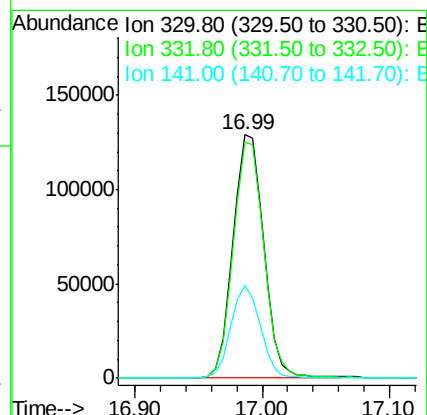
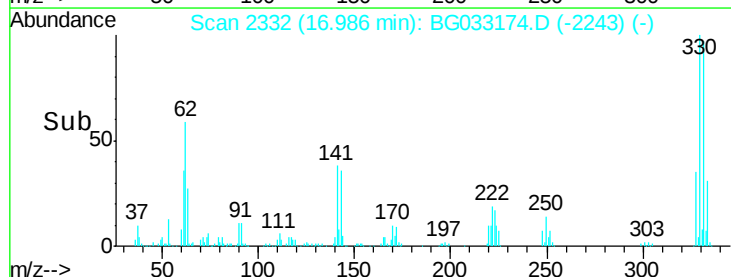
141 36.9 25.2 37.8

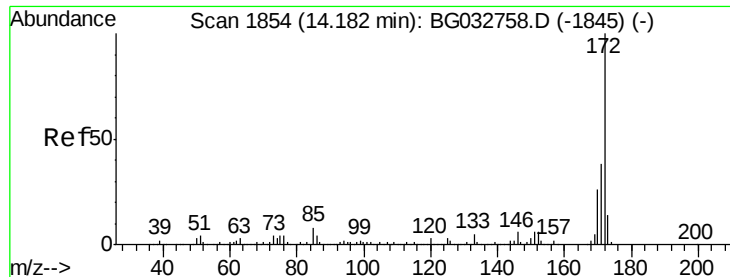


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

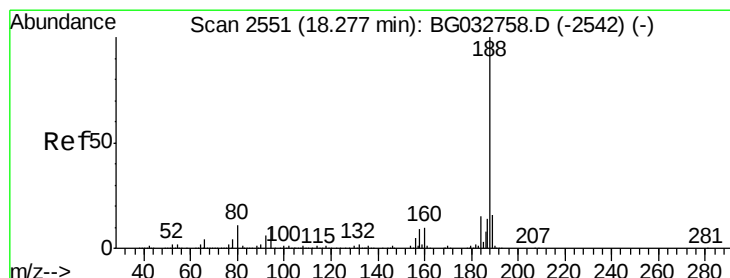
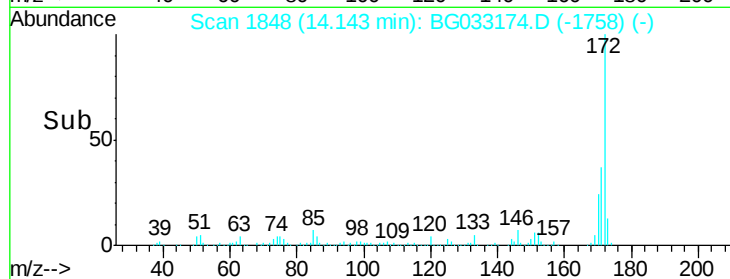
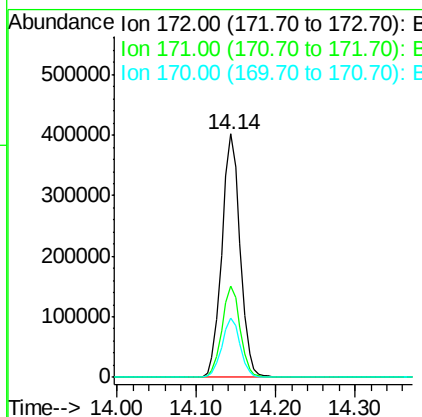
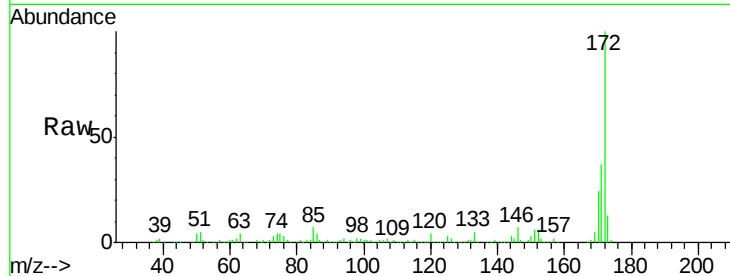




#44
 2-Fluorobiphenyl
 Concen: 95.258 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG033174.D
 Acq: 15 Mar 2018 10:09

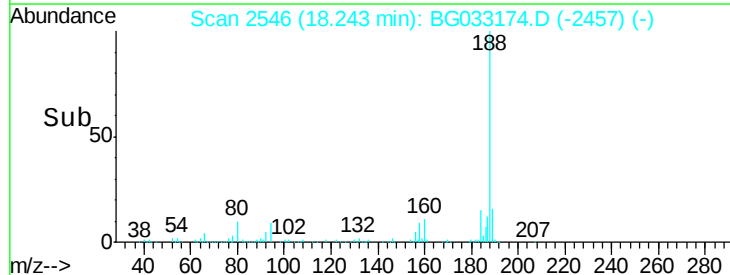
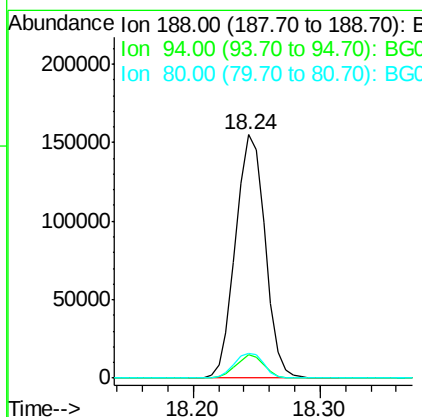
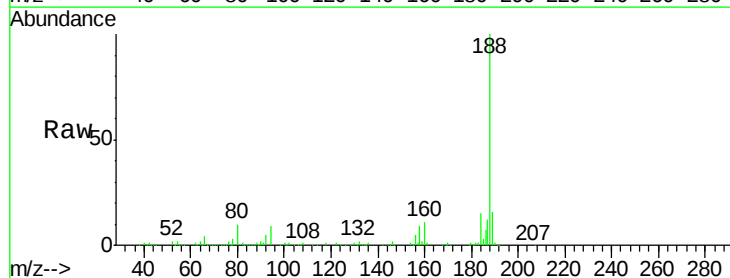
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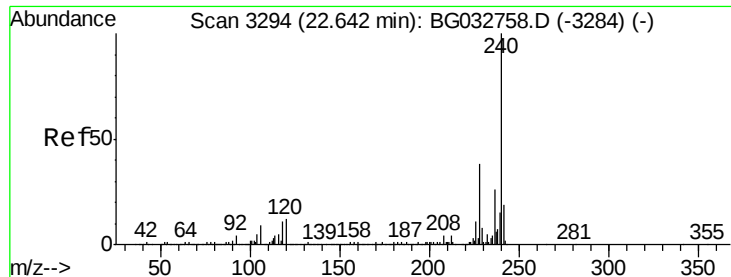
Tot Ion:172 Resp: 640042
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033174.D
 Acq: 15 Mar 2018 10:09

Tgt Ion:188 Resp: 250343
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.9 10.3
 80 9.9 7.7 11.5

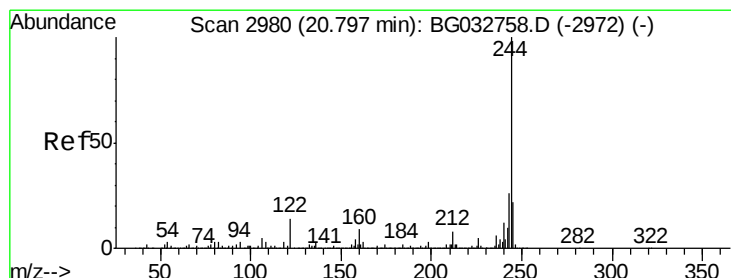
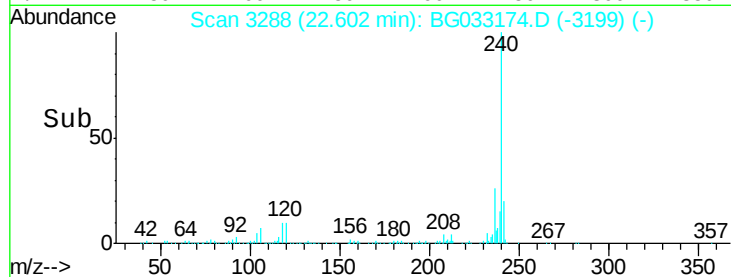
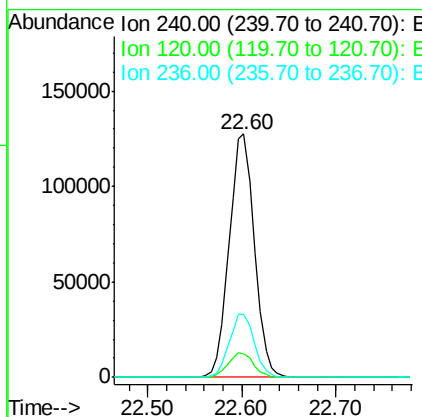
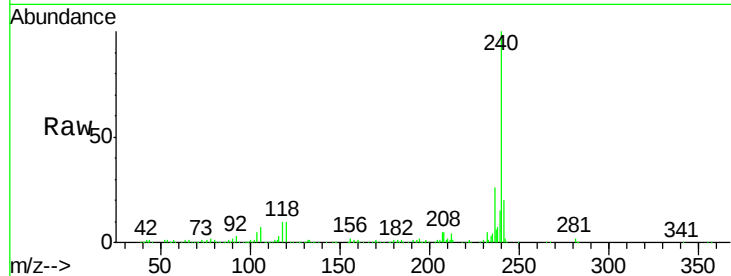




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033174.D
 Acq: 15 Mar 2018 10:09

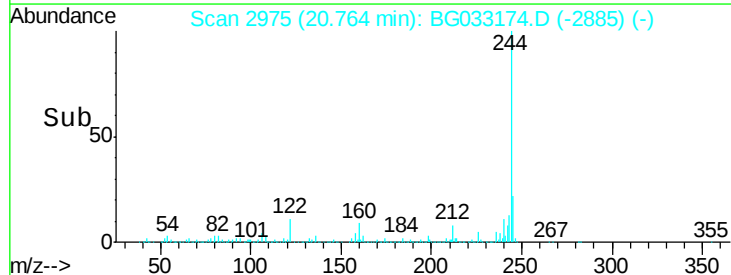
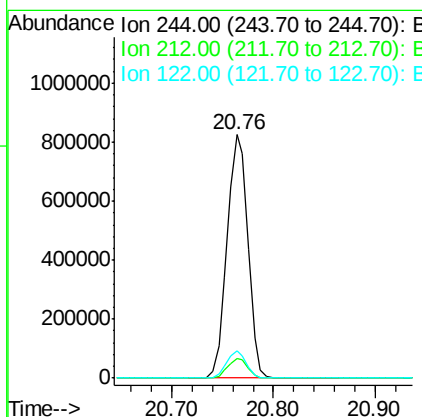
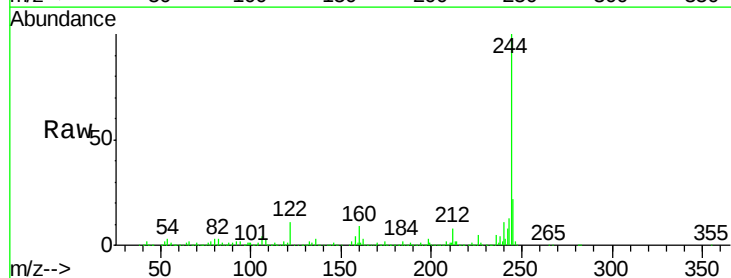
Instrument :
 BNA_G
 ClientSampleId :
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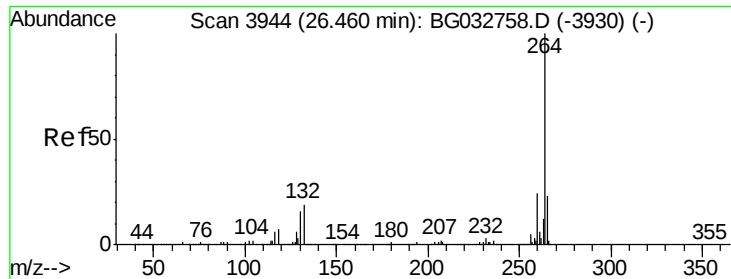
Tot Ion:240 Resp: 237040
 Ion Ratio Lower Upper
 240 100
 120 9.9 6.8 10.2
 236 25.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 111.135 ng
 RT: 20.76 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG033174.D
 Acq: 15 Mar 2018 10:09

Tgt Ion:244 Resp: 1172520
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 11.3 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3935
 Delta R.T. -0.01 min
 Lab File: BG033174.D
 Acq: 15 Mar 2018 10:09

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.8	17.7	26.5

