

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033117.D
 Acq On : 13 Mar 2018 13:21
 Operator : SJ/JU
 Sample : J1873-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9B-COMP

Quant Time: Mar 13 14:36:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

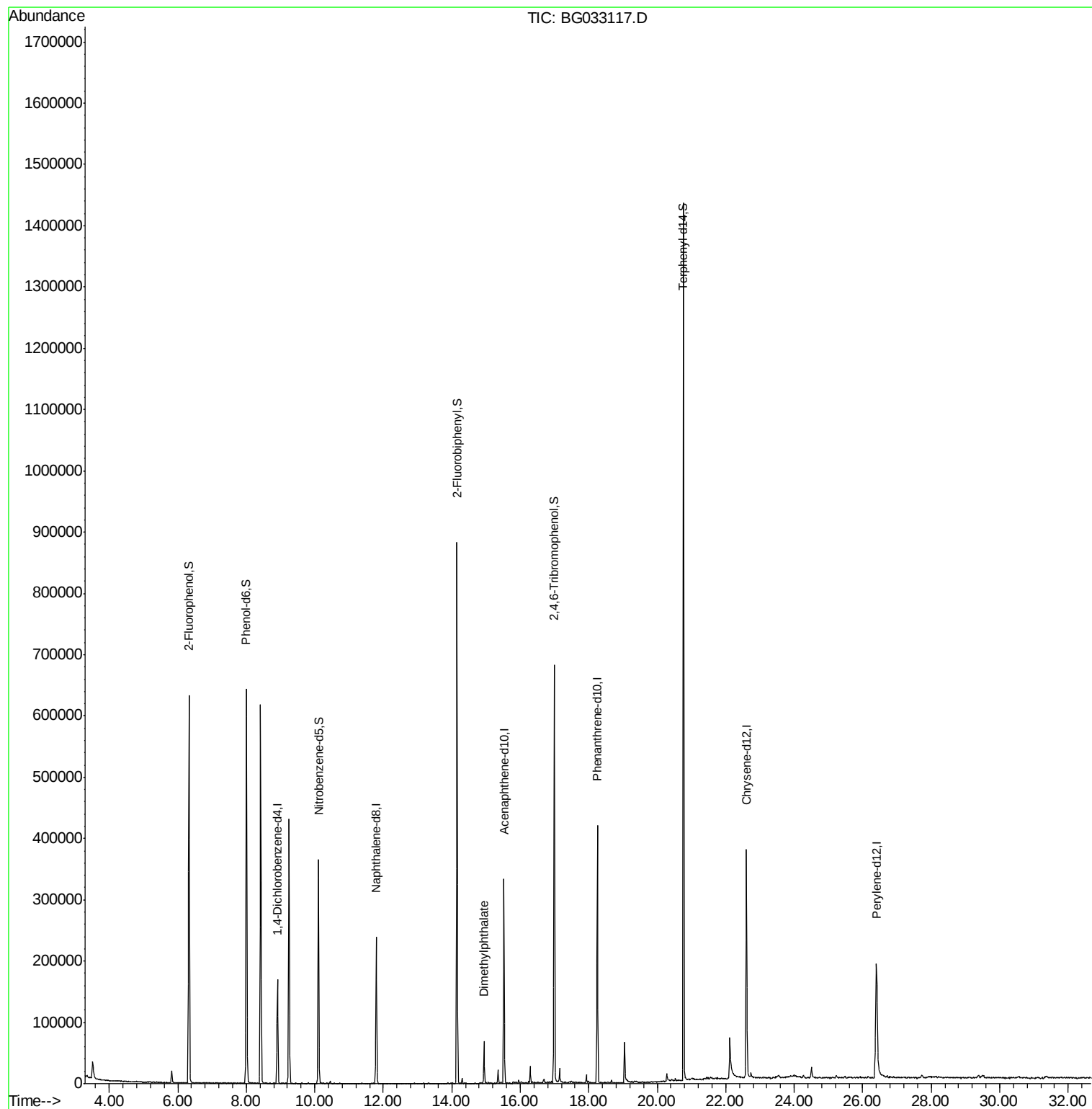
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	47814	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	209622	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	113804	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	253083	20.00	ng	0.00
75) Chrysene-d12	22.60	240	253796	20.00	ng	0.00
86) Perylene-d12	26.40	264	254275	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	284812	95.30	ng	0.00
7) Phenol-d6	8.00	99	379674	91.14	ng	0.00
23) Nitrobenzene-d5	10.11	82	229476	77.02	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	125765	105.10	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	464625	58.88	ng	0.00
78) Terphenyl-d14	20.76	244	656730	58.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.94	163	40986	4.242	ng	98

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

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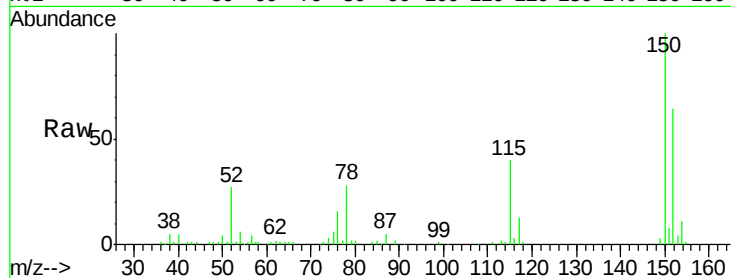


#1

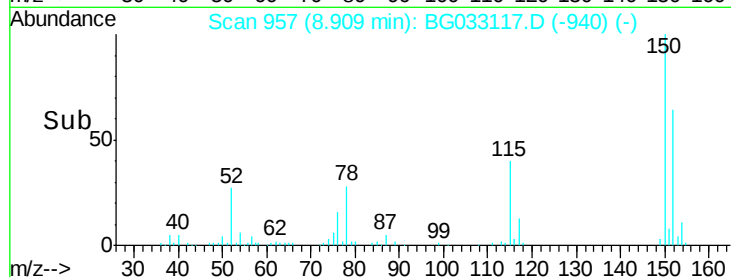
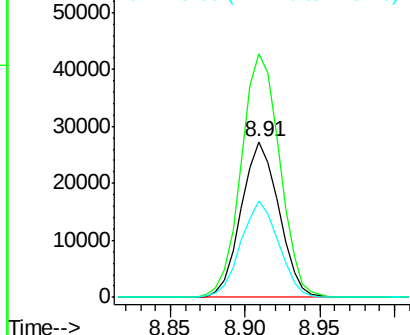
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033117.D
Acq: 13 Mar 2018 13:21

Instrument :
BNA_G
ClientSampleId :
TP-9B-COMP

Tot Ion:152 Resp: 47814
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 62.2 53.0 79.4



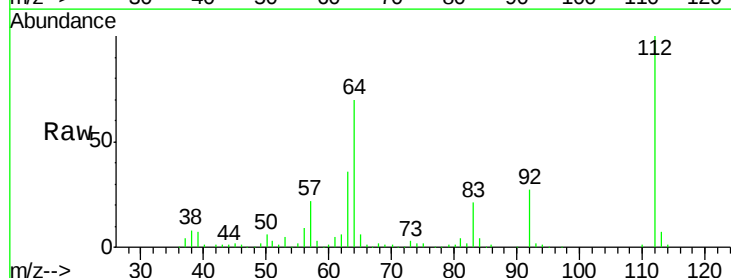
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



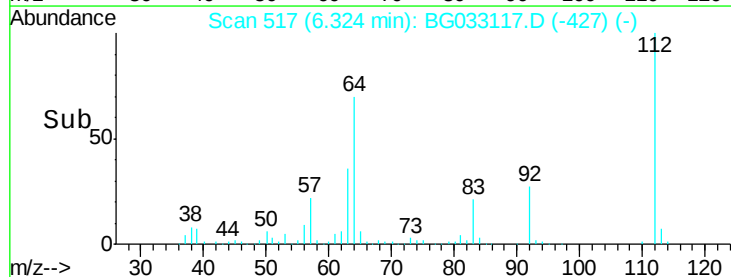
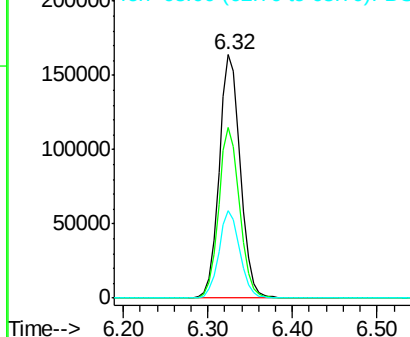
#5

2-Fluorophenol
Concen: 95.298 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033117.D
Acq: 13 Mar 2018 13:21

Tgt Ion:112 Resp: 284812
Ion Ratio Lower Upper
112 100
64 70.2 56.3 84.5
63 36.0 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: 91.142 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033117.D

Acq: 13 Mar 2018 13:21

Instrument :

BNA_G

ClientSampled :

TP-9B-COMP

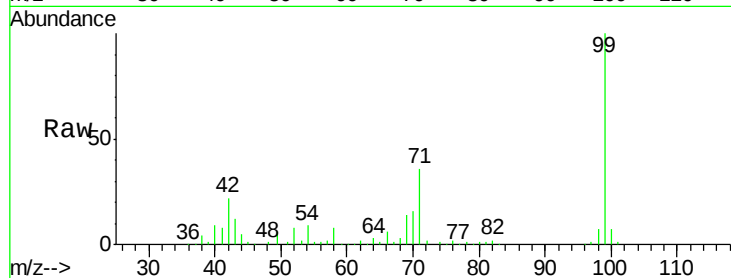
Tot Ion: 99 Resp: 379674

Ion Ratio Lower Upper

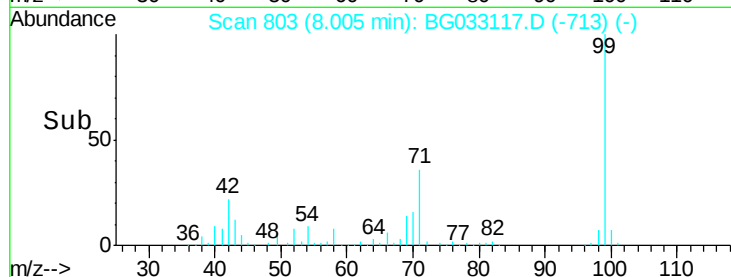
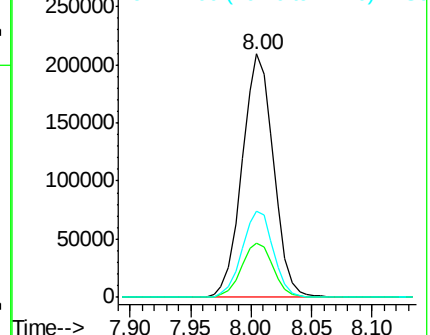
99 100

42 22.1 14.1 21.1#

71 35.6 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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033117.D

Acq: 13 Mar 2018 13:21

Tgt Ion: 136 Resp: 209622

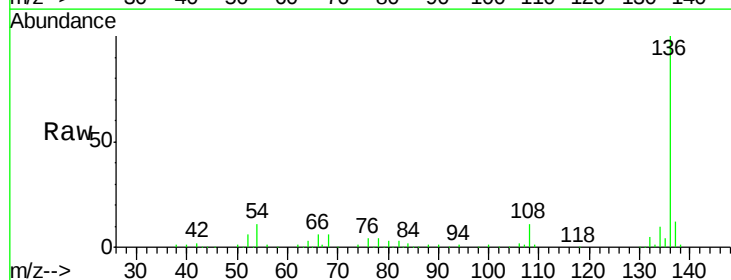
Ion Ratio Lower Upper

136 100

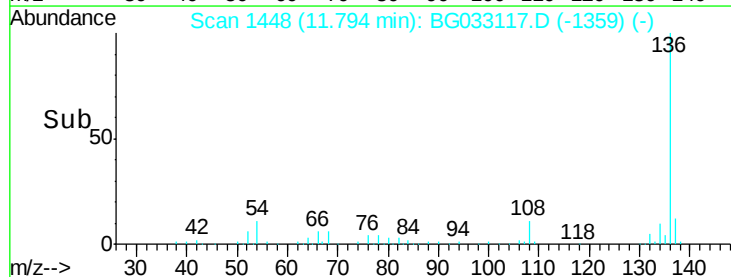
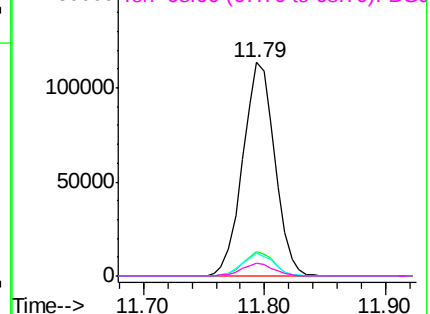
137 11.7 9.2 13.8

54 10.7 10.3 15.5

68 6.1 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

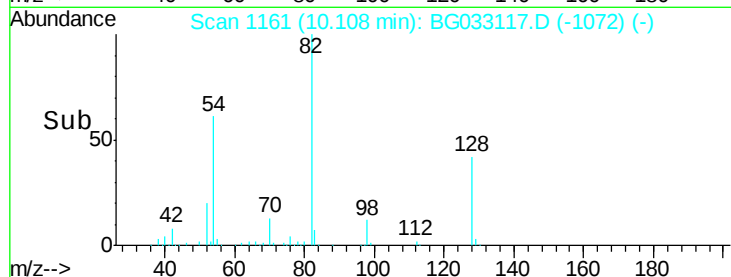
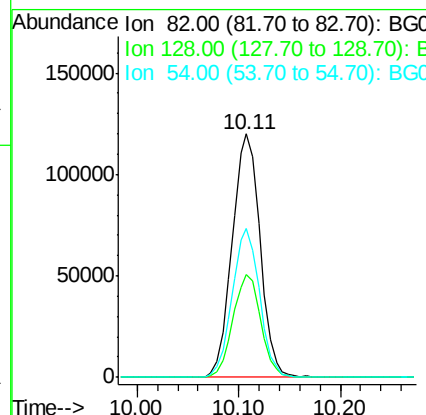
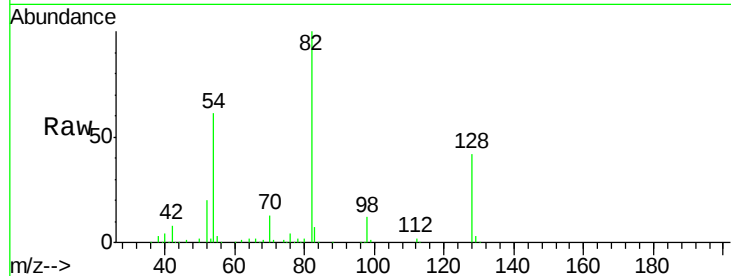




#23
 Nitrobenzene-d5
 Concen: 77.021 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033117.D
 Acq: 13 Mar 2018 13:21

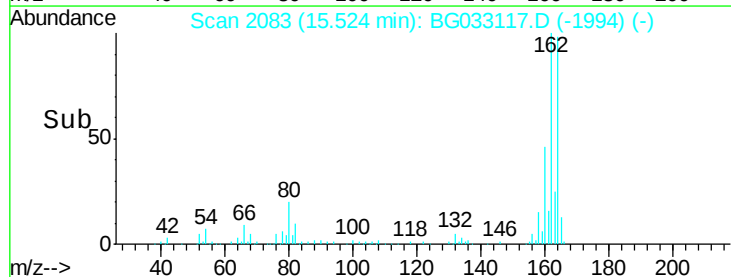
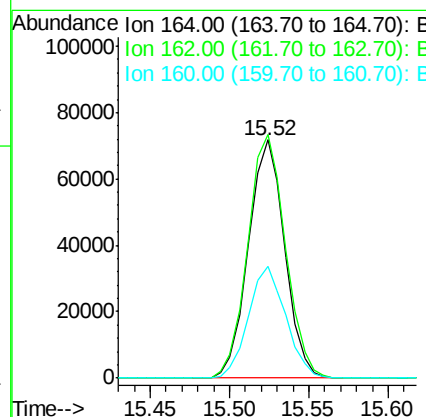
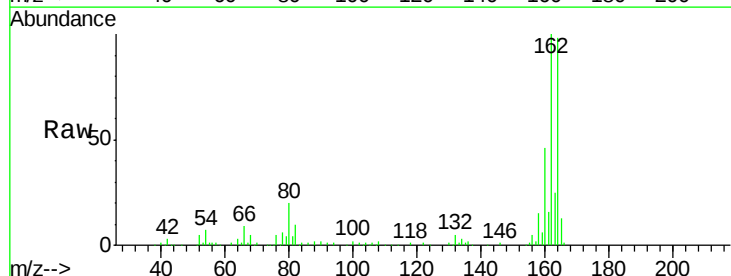
Instrument :
 BNA_G
 ClientSampleId :
 TP-9B-COMP

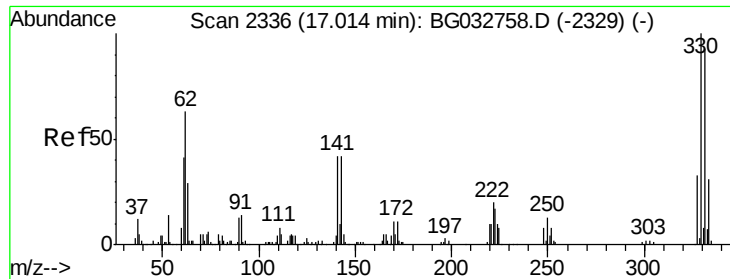
Tot Ion	82	Resp	229476
Ion Ratio	Lower	Upper	
82	100		
128	42.1	29.7	44.5
54	61.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG033117.D
 Acq: 13 Mar 2018 13:21

Tgt Ion	164	Resp	113804
Ion Ratio	Lower	Upper	
164	100		
162	102.1	78.8	118.2
160	47.1	35.4	53.0

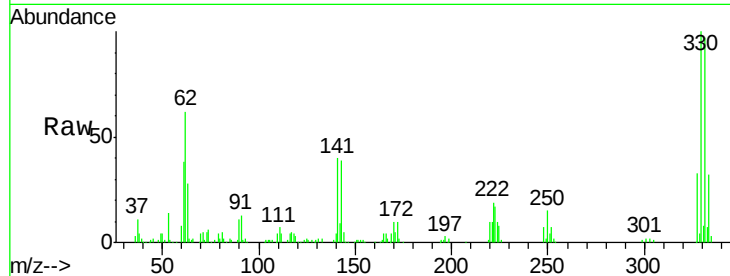




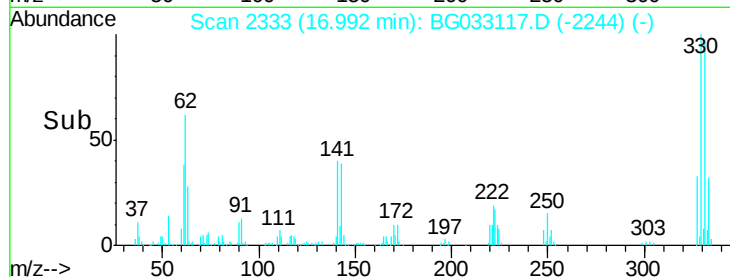
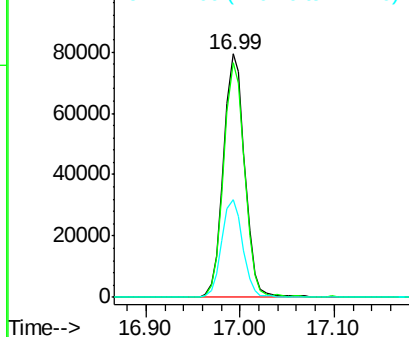
#41
 2,4,6-Tribromophenol
 Concen: 105.101 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033117.D
 Acq: 13 Mar 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-9B-COMP

Tot Ion:330 Resp: 125765
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 40.1 25.2 37.8#

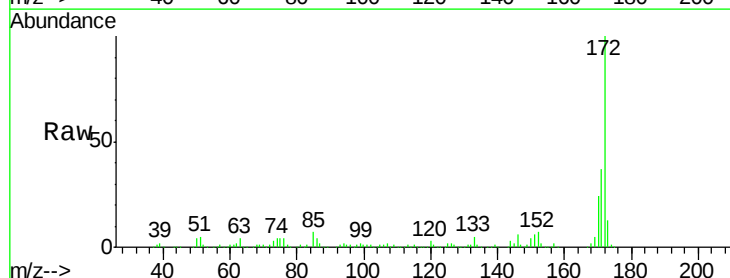


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

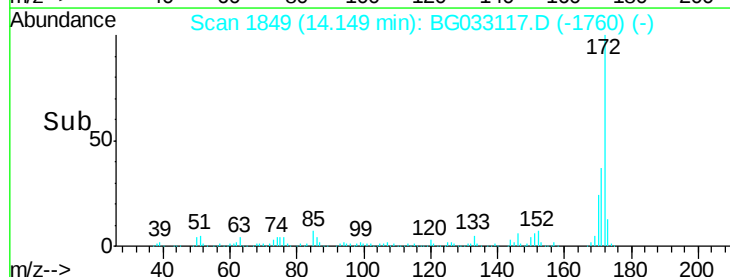
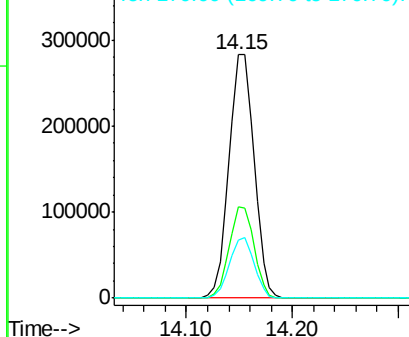


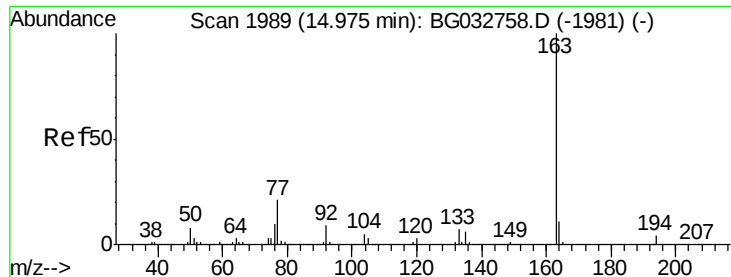
#44
 2-Fluorobiphenyl
 Concen: 58.883 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BG033117.D
 Acq: 13 Mar 2018 13:21

Tgt Ion:172 Resp: 464625
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.1 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





#49

Dimethylphthalate

Concen: 4.242 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG033117.D

Acq: 13 Mar 2018 13:21

Instrument :

BNA_G

ClientSampleId :

TP-9B-COMP

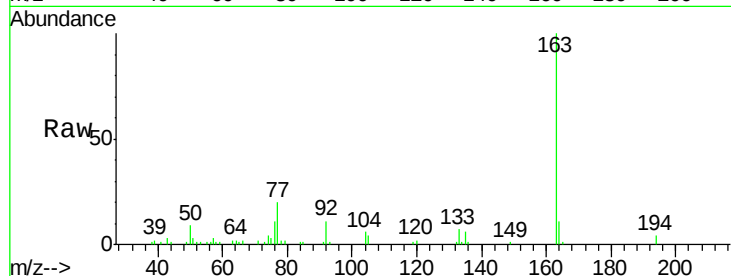
Tot Ion:163 Resp: 40986

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

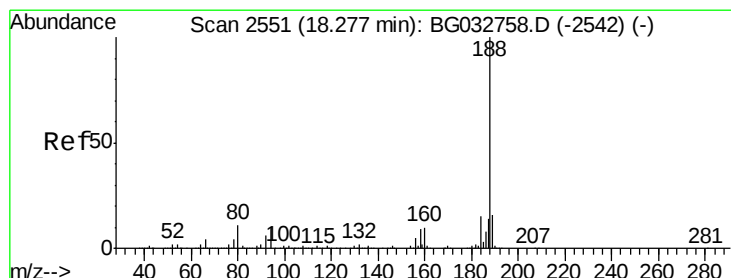
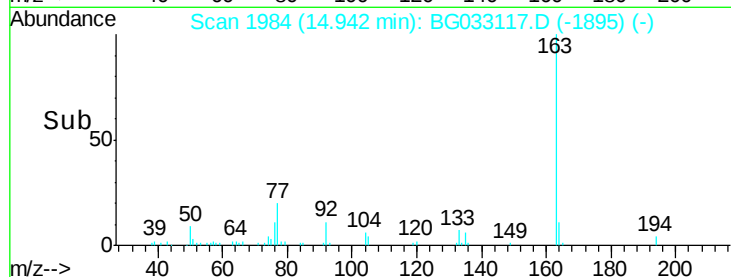
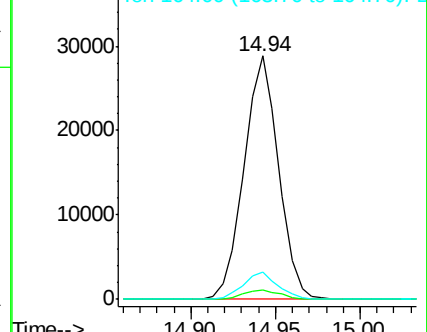
164 11.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BG033117.D

Acq: 13 Mar 2018 13:21

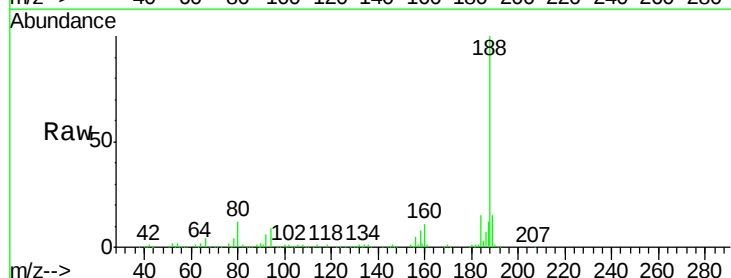
Tgt Ion:188 Resp: 253083

Ion Ratio Lower Upper

188 100

94 9.4 6.9 10.3

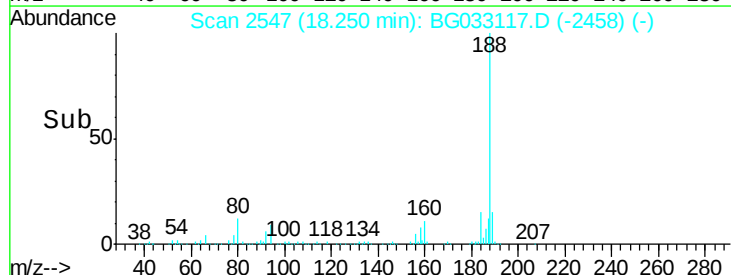
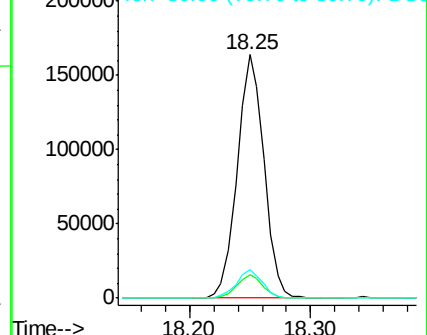
80 11.9 7.7 11.5#

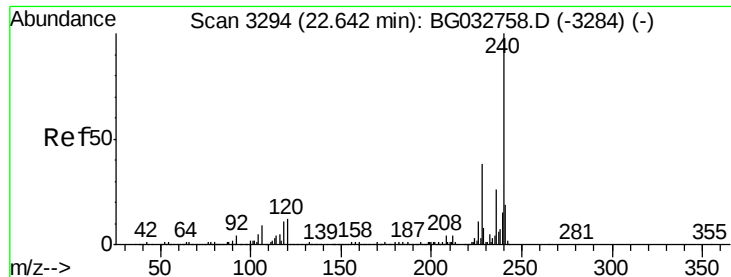


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033117.D

Acq: 13 Mar 2018 13:21

Instrument :

BNA_G

ClientSampleId :

TP-9B-COMP

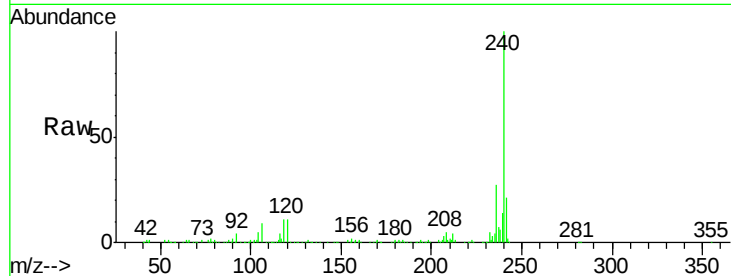
Tot Ion:240 Resp: 253796

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

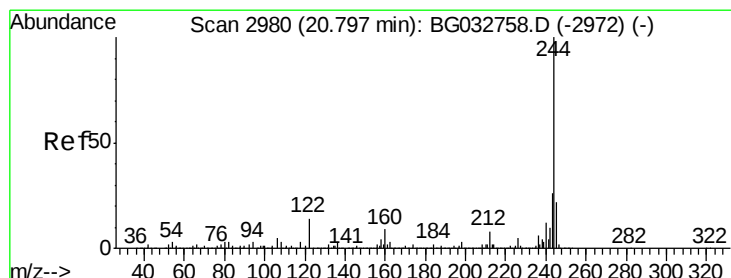
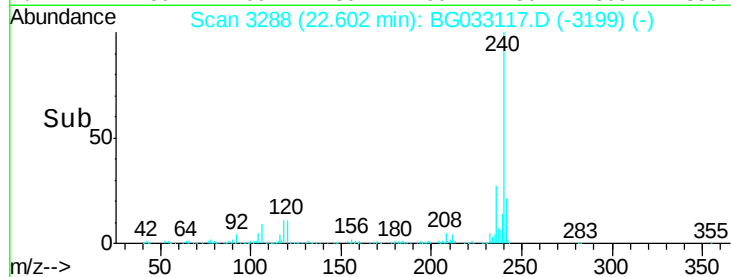
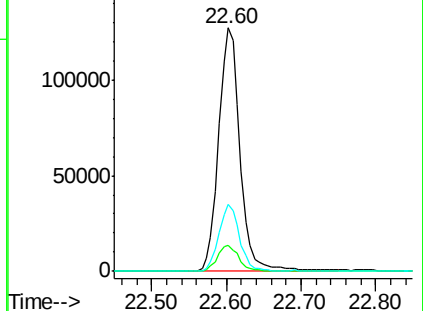
236 27.2 20.9 31.3



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: 58.137 ng

RT: 20.76 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG033117.D

Acq: 13 Mar 2018 13:21

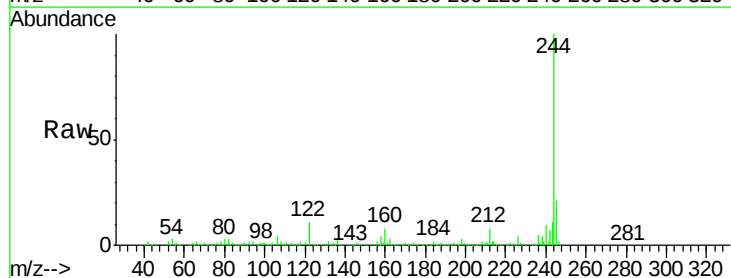
Tgt Ion:244 Resp: 656730

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

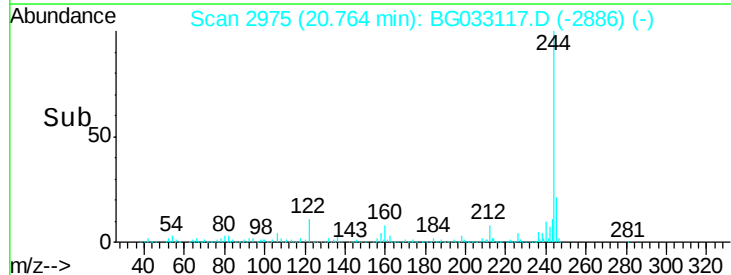
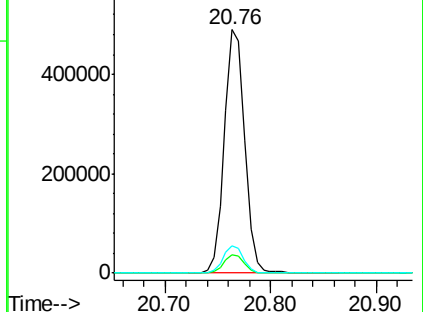
122 11.3 7.0 10.4#

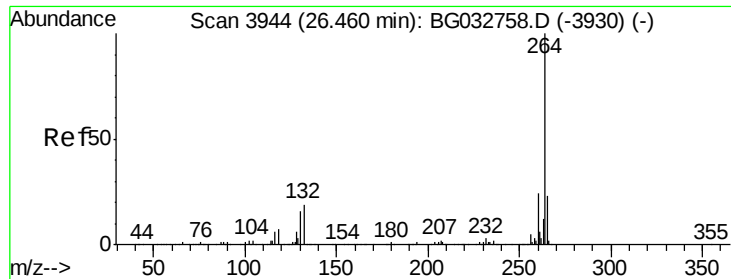


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

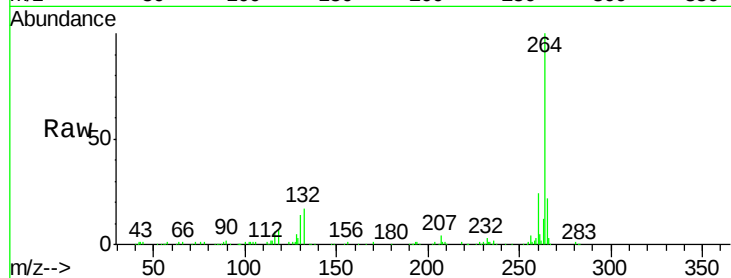




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3934
 Delta R.T. -0.01 min
 Lab File: BG033117.D
 Acq: 13 Mar 2018 13:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-9B-COMP

Tot Ion:	264	Resp:	254275
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.2	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

