

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033032.D
 Acq On : 6 Mar 2018 21:46
 Operator : SJ/JU
 Sample : PB107125TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107125TB

Quant Time: Mar 07 03:03:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	52084	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	227453	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	125686	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	280340	20.00	ng	0.00
75) Chrysene-d12	22.61	240	247018	20.00	ng	0.00
86) Perylene-d12	26.41	264	217036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	324071	99.54	ng	0.00
7) Phenol-d6	8.01	99	430559	94.88	ng	0.00
23) Nitrobenzene-d5	10.10	82	245725	76.14	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	122306	92.55	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	558977	64.14	ng	0.00
78) Terphenyl-d14	20.77	244	783575	71.27	ng	0.00

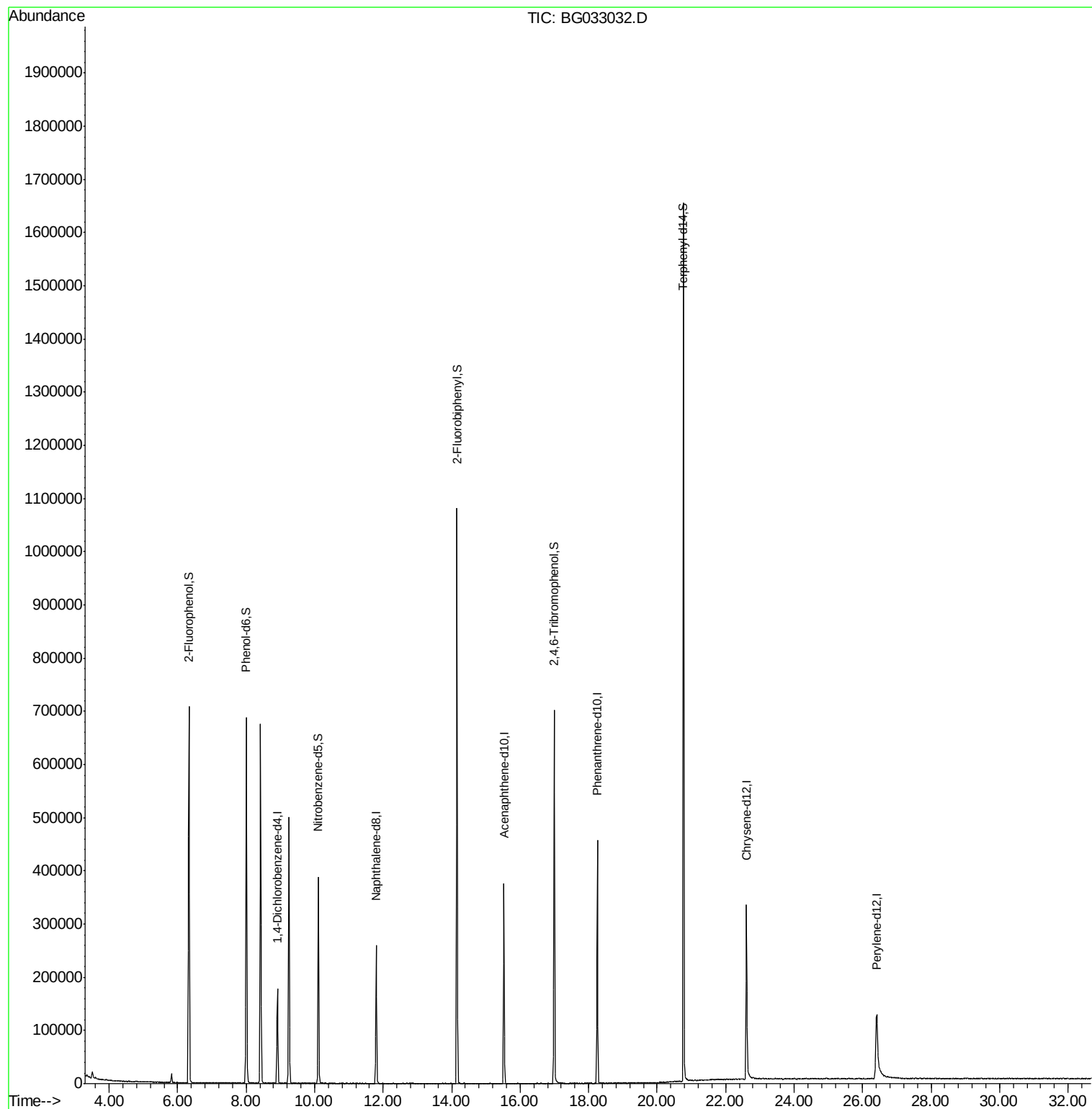
Target Compounds Qvalue

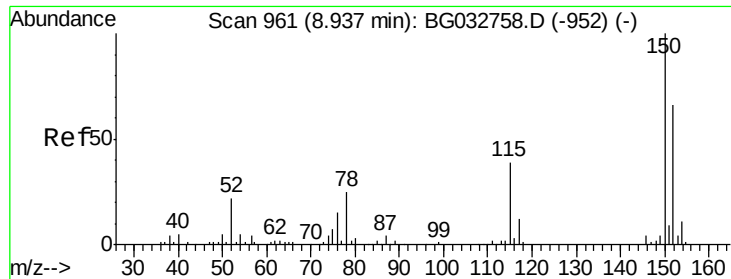
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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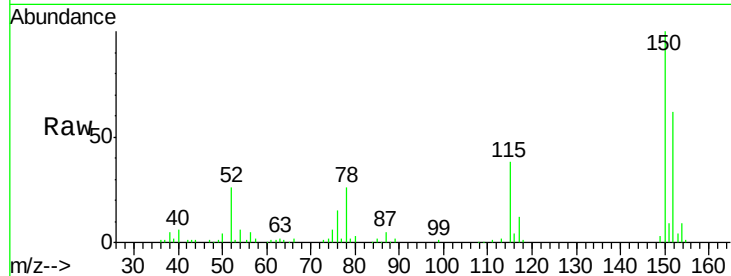


#1

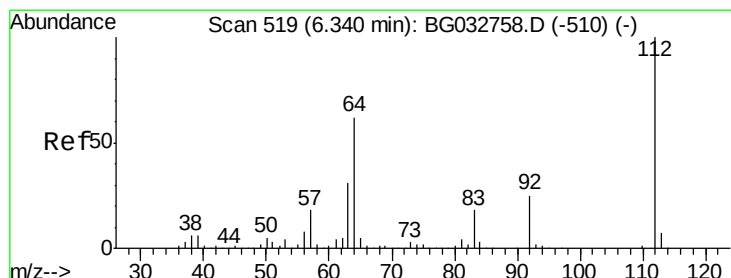
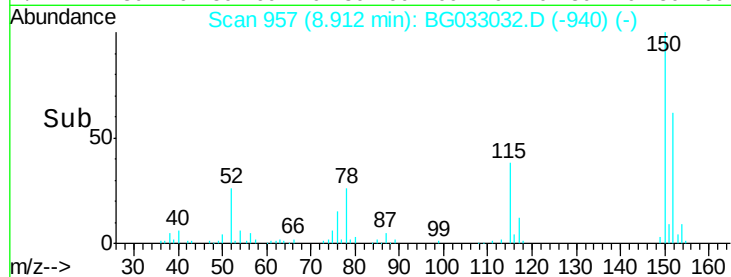
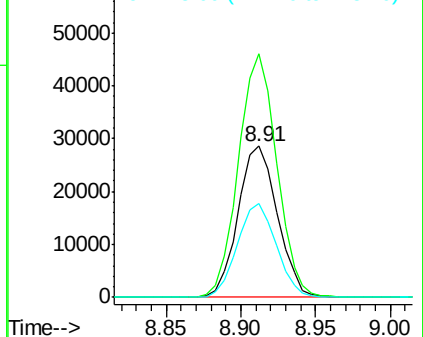
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033032.D
Acq: 6 Mar 2018 21:46

Instrument :
BNA_G
ClientSampleId :
PB107125TB

Tot Ion:152 Resp: 52084
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 61.9 53.0 79.4



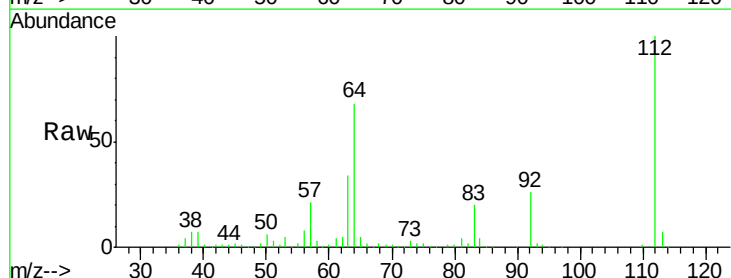
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



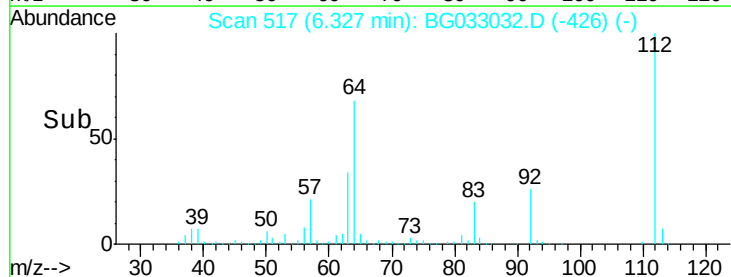
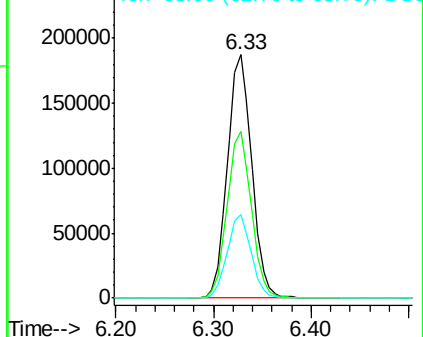
#5

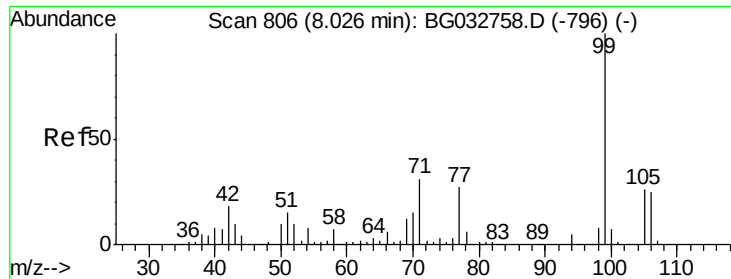
2-Fluorophenol
Concen: 99.544 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033032.D
Acq: 6 Mar 2018 21:46

Tgt Ion:112 Resp: 324071
Ion Ratio Lower Upper
112 100
64 68.3 56.3 84.5
63 34.4 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: 94.883 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033032.D

Acq: 6 Mar 2018 21:46

Instrument :

BNA_G

ClientSampleId :

PB107125TB

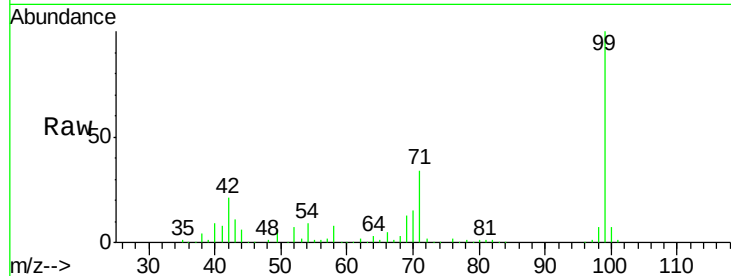
Tot Ion: 99 Resp: 430559

Ion Ratio Lower Upper

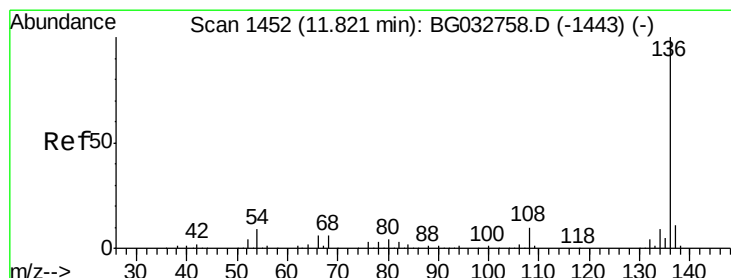
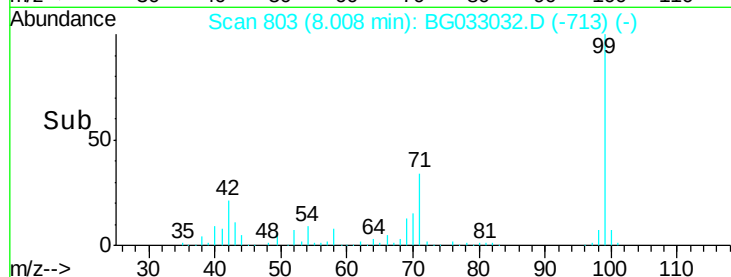
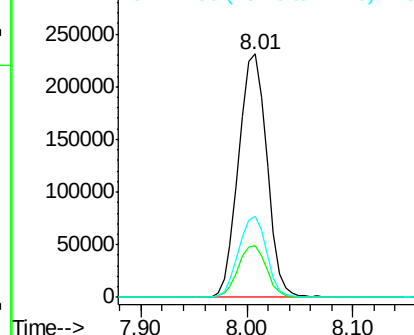
99 100

42 21.3 14.1 21.1#

71 33.5 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: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033032.D

Acq: 6 Mar 2018 21:46

Tgt Ion: 136 Resp: 227453

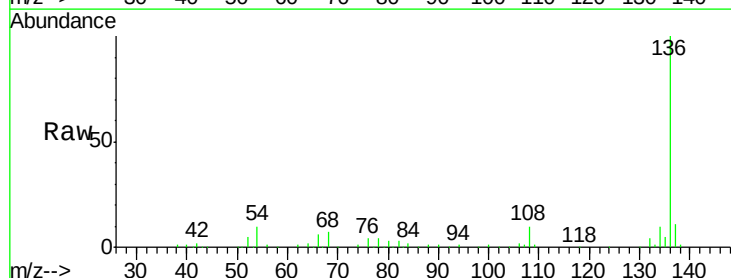
Ion Ratio Lower Upper

136 100

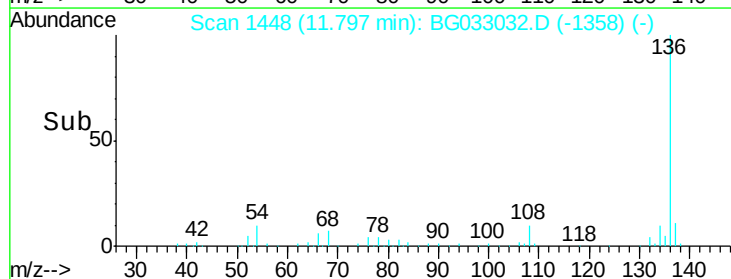
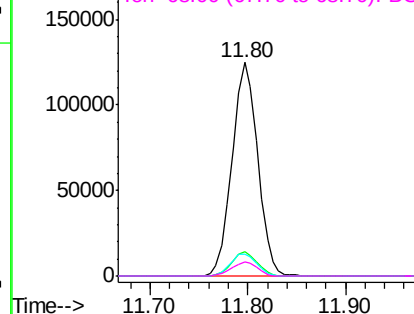
137 11.1 9.2 13.8

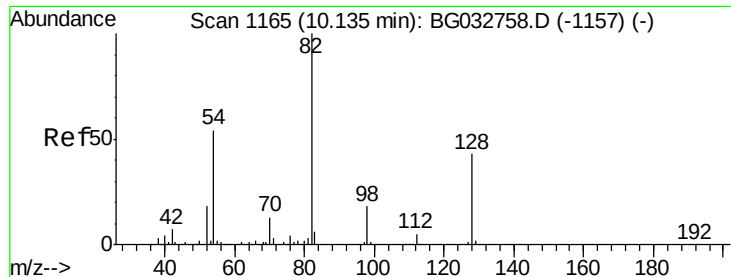
54 10.3 10.3 15.5

68 6.8 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

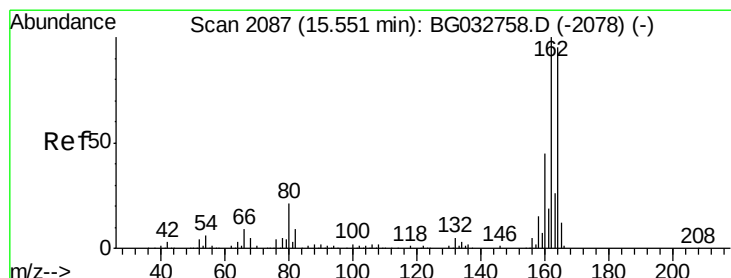
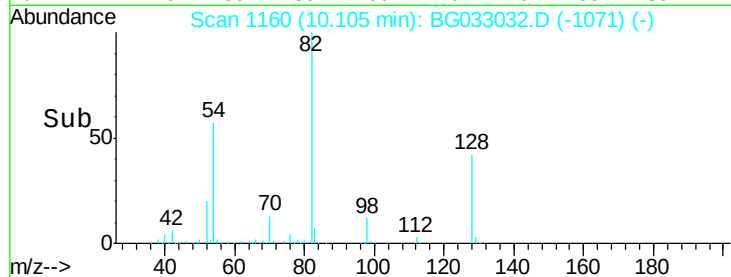
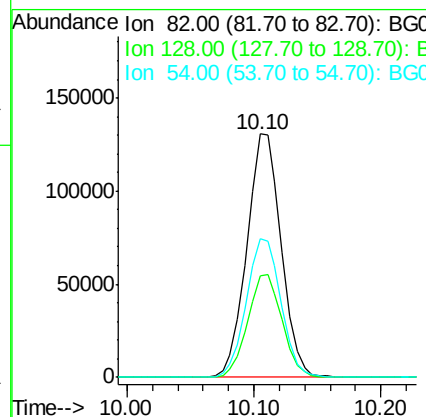
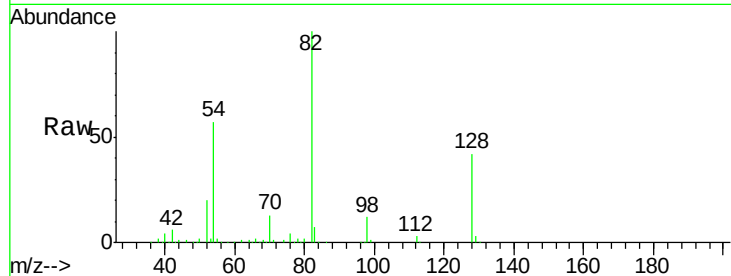




#23
 Nitrobenzene-d5
 Concen: 76.140 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG033032.D
 Acq: 6 Mar 2018 21:46

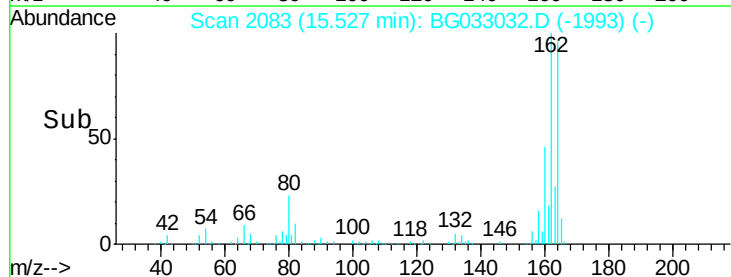
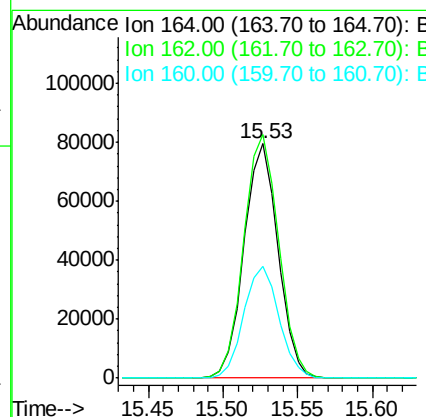
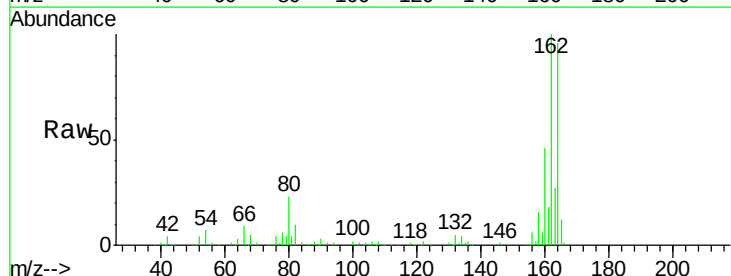
Instrument :
 BNA_G
 ClientSampleId :
 PB107125TB

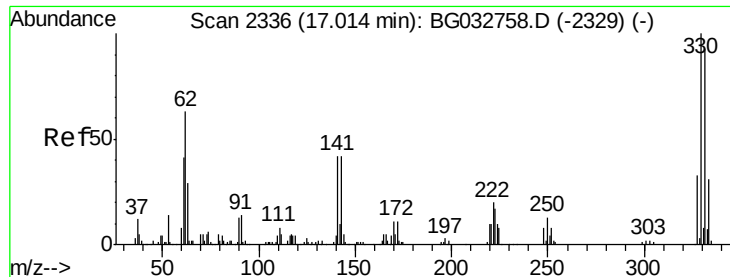
Tot Ion	82	Resp	245725
Ion Ratio	100	Lower	Upper
128	41.9	29.7	44.5
54	56.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033032.D
 Acq: 6 Mar 2018 21:46

Tgt Ion	164	Resp	125686
Ion Ratio	100	Lower	Upper
162	103.9	78.8	118.2
160	47.9	35.4	53.0

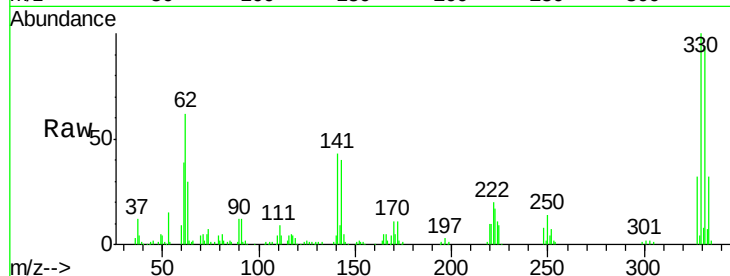




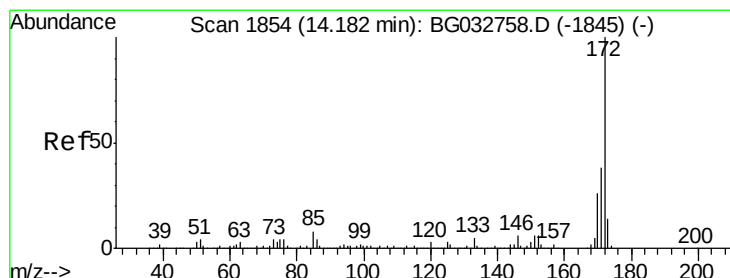
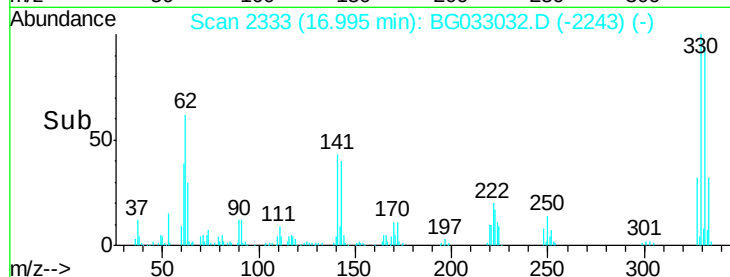
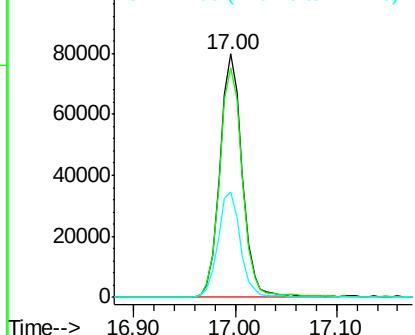
#41
 2,4,6-Tribromophenol
 Concen: 92.548 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033032.D
 Acq: 6 Mar 2018 21:46

Instrument :
 BNA_G
 ClientSampleId :
 PB107125TB

Tot Ion:330 Resp: 122306
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 43.5 25.2 37.8#

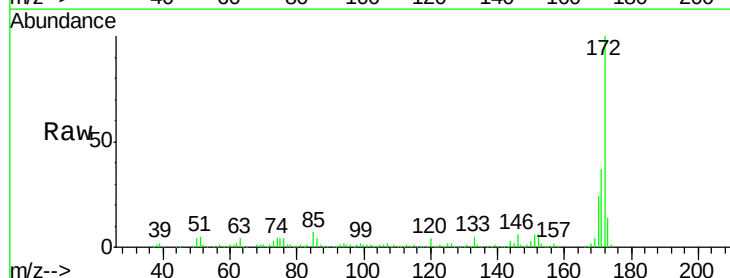


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

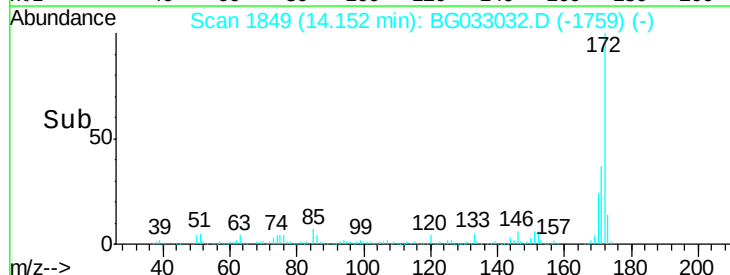
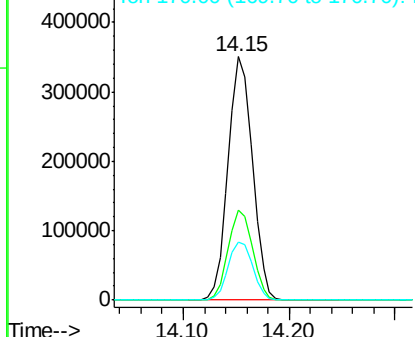


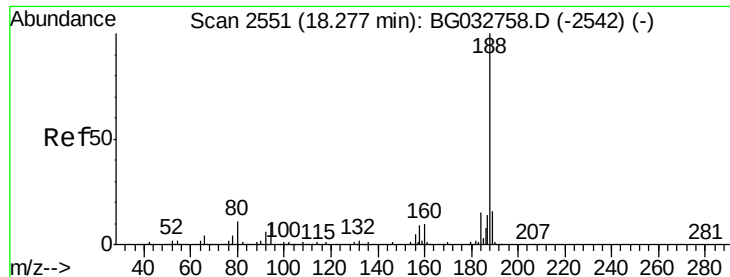
#44
 2-Fluorobiphenyl
 Concen: 64.143 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033032.D
 Acq: 6 Mar 2018 21:46

Tgt Ion:172 Resp: 558977
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.8 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

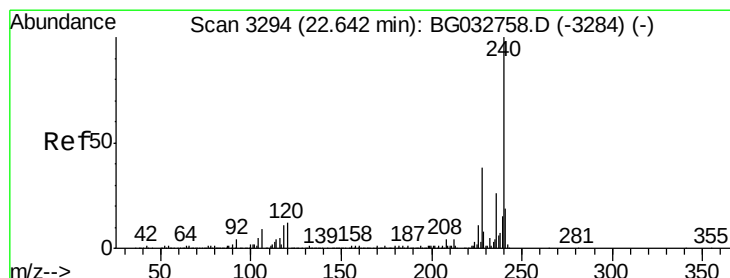
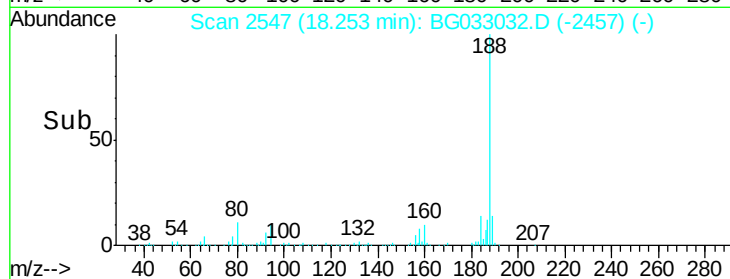
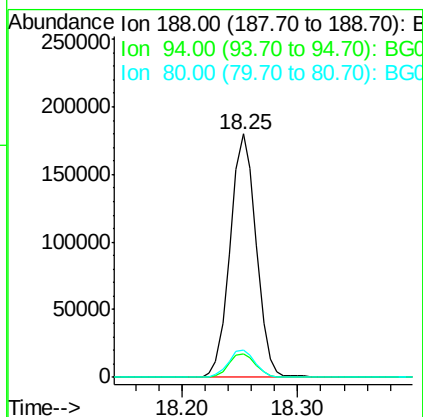
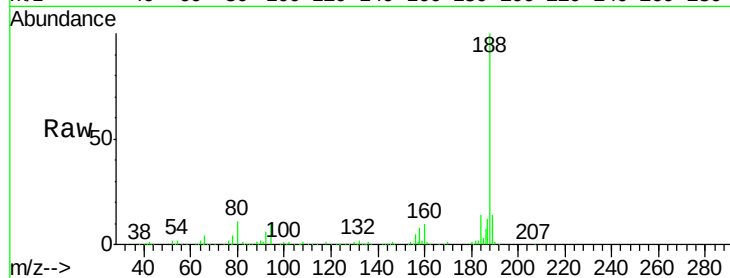




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033032.D
Acq: 6 Mar 2018 21:46

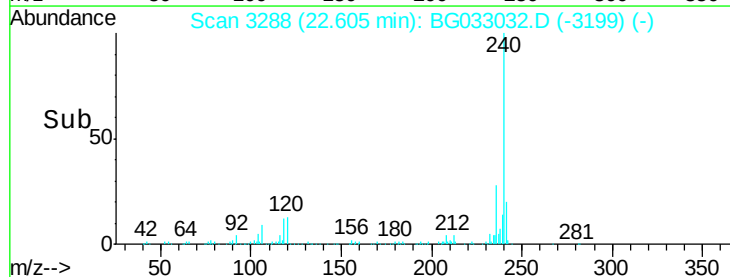
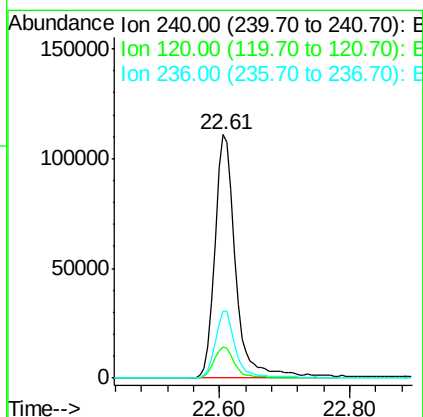
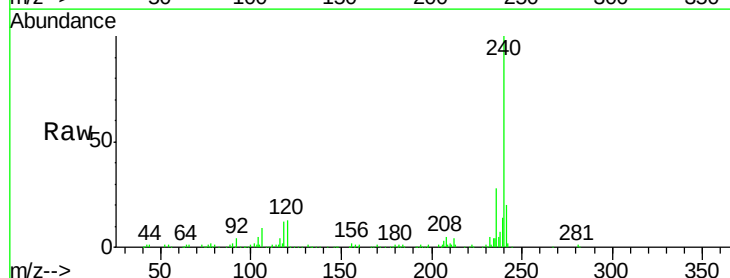
Instrument :
BNA_G
ClientSampleId :
PB107125TB

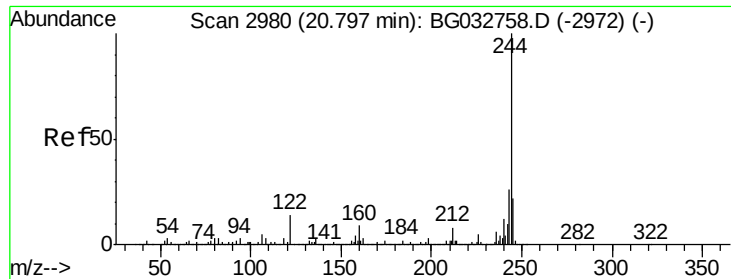
Tot Ion:188 Resp: 280340
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 11.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033032.D
Acq: 6 Mar 2018 21:46

Tgt Ion:240 Resp: 247018
Ion Ratio Lower Upper
240 100
120 12.6 6.8 10.2#
236 27.6 20.9 31.3





#78

Terphenyl-d14

Concen: 71.269 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033032.D

Acq: 6 Mar 2018 21:46

Instrument :

BNA_G

ClientSampleId :

PB107125TB

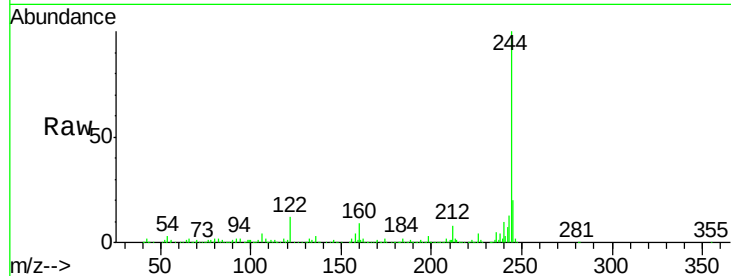
Tot Ion:244 Resp: 783575

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

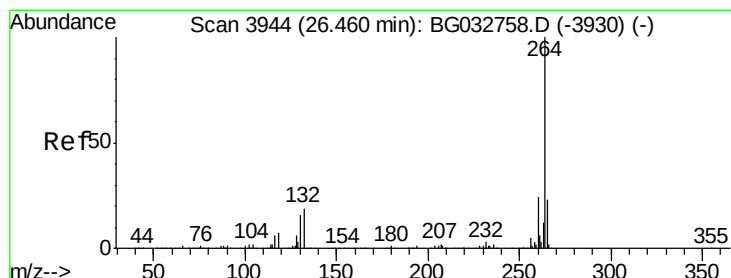
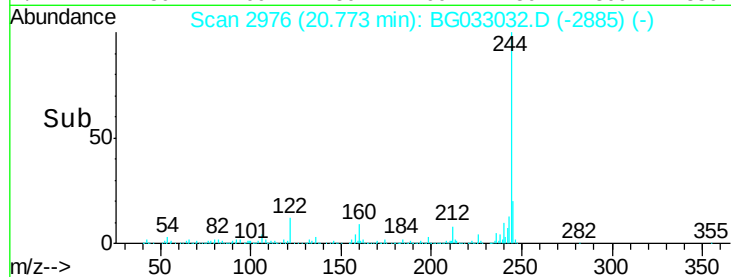
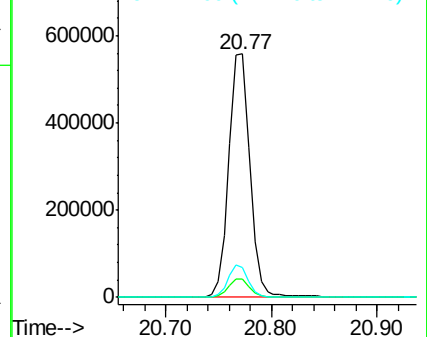
122 12.2 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033032.D

Acq: 6 Mar 2018 21:46

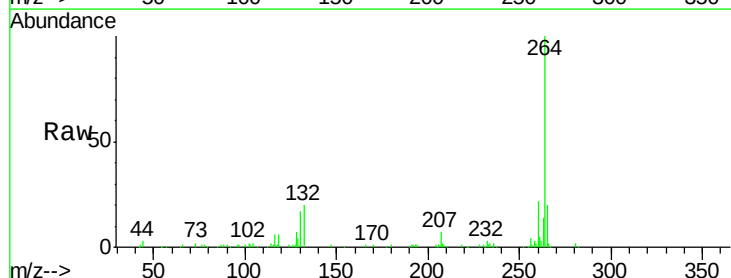
Tgt Ion:264 Resp: 217036

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.4 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

