

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033124.D
 Acq On : 13 Mar 2018 18:19
 Operator : SJ/JU
 Sample : J1873-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9B-COMP

Quant Time: Mar 13 23:28:50 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

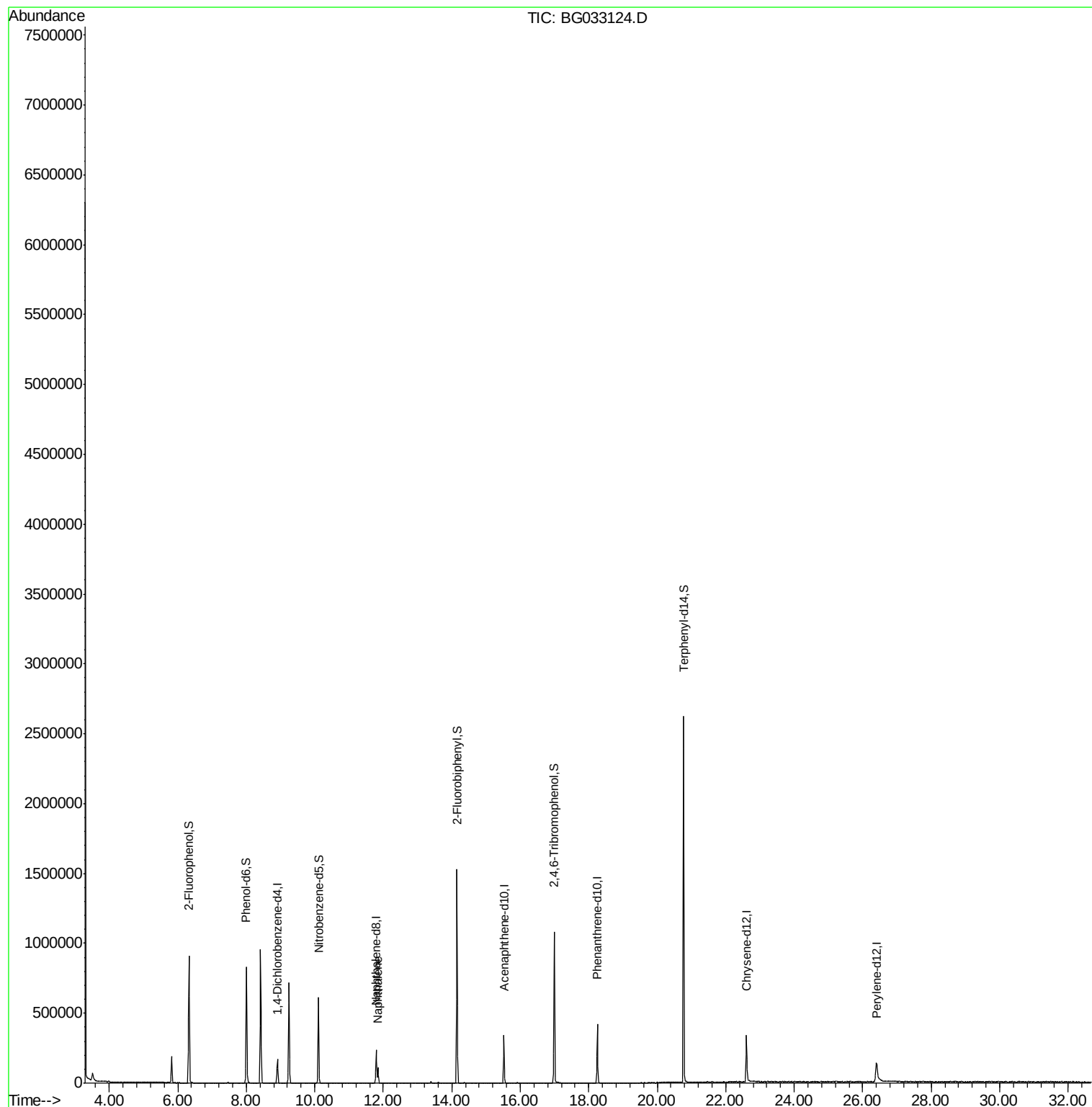
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	48567	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	211482	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	113414	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	254917	20.00	ng	0.00
75) Chrysene-d12	22.60	240	249561	20.00	ng	0.00
86) Perylene-d12	26.40	264	213839	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	408054	134.42	ng	0.00
7) Phenol-d6	8.00	99	495595	117.12	ng	0.00
23) Nitrobenzene-d5	10.11	82	372672	117.94	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	205689	172.48	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	785882	99.94	ng	0.00
78) Terphenyl-d14	20.77	244	1217899	109.64	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	96066	8.693	ng	Qvalue 98

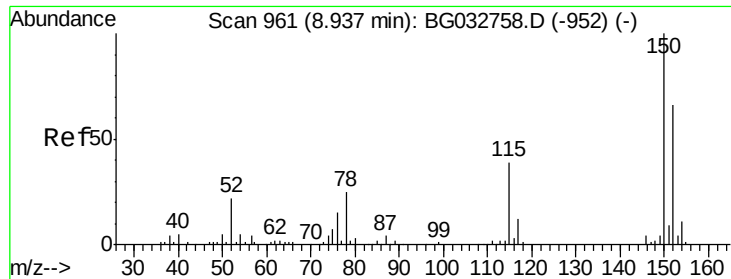
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



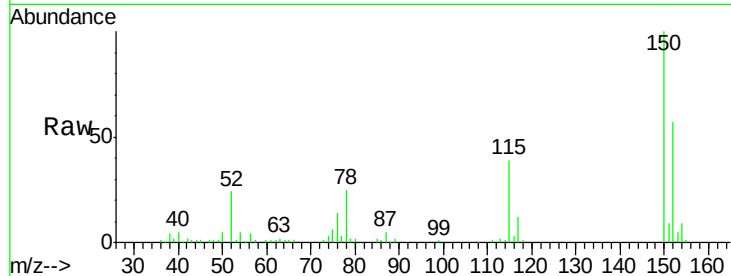


#1

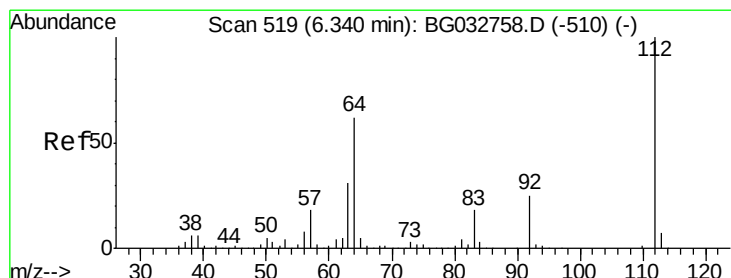
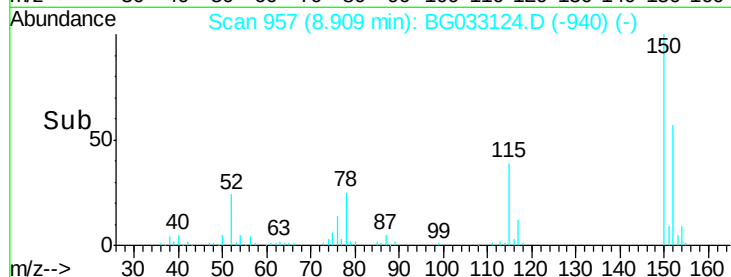
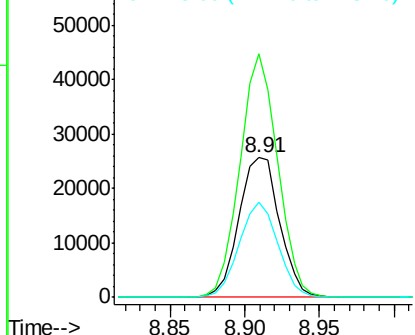
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033124.D
Acq: 13 Mar 2018 18:19

Instrument :
BNA_G
ClientSampleId :
TP-9B-COMP

Tot Ion:152 Resp: 48567
Ion Ratio Lower Upper
152 100
150 174.7 126.6 189.8
115 68.3 53.0 79.4



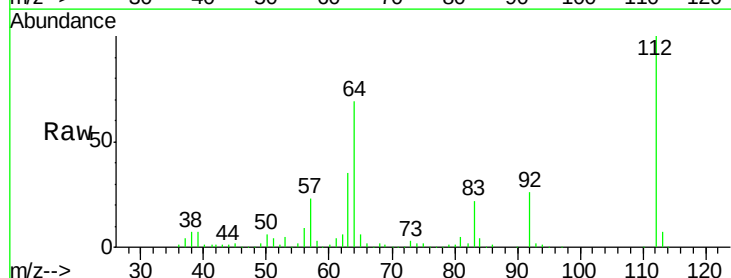
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



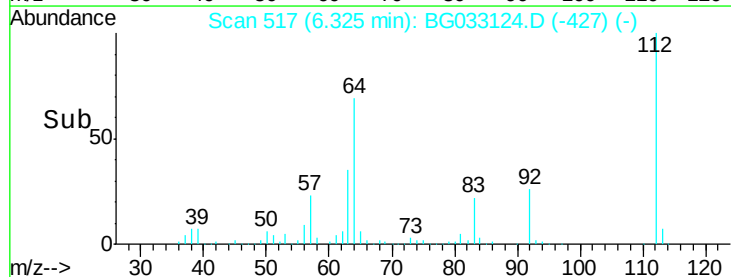
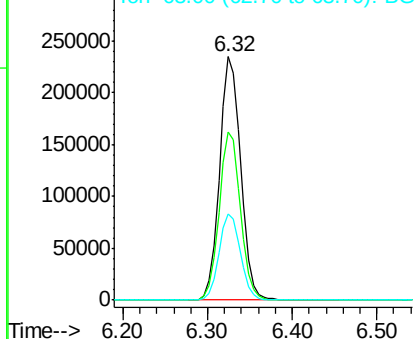
#5

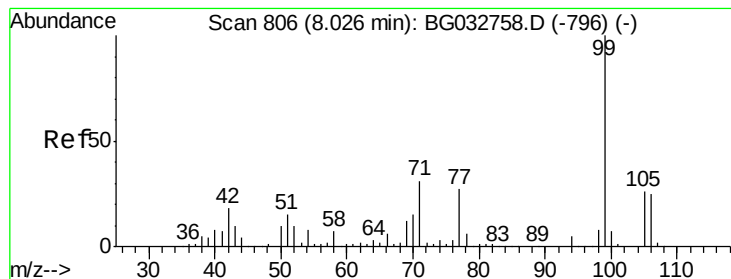
2-Fluorophenol
Concen: 134.418 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033124.D
Acq: 13 Mar 2018 18:19

Tgt Ion:112 Resp: 408054
Ion Ratio Lower Upper
112 100
64 69.3 56.3 84.5
63 35.3 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: 117.124 ng

RT: 8.00 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033124.D

Acq: 13 Mar 2018 18:19

Instrument :

BNA_G

ClientSampleId :

TP-9B-COMP

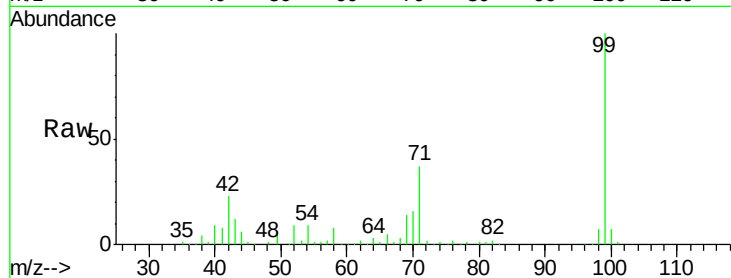
Tot Ion: 99 Resp: 495595

Ion Ratio Lower Upper

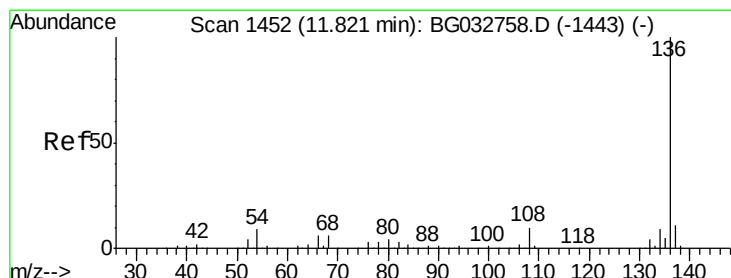
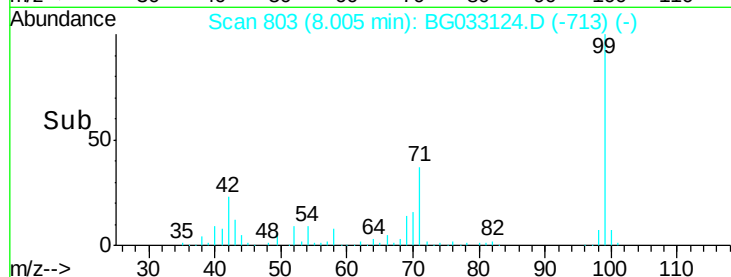
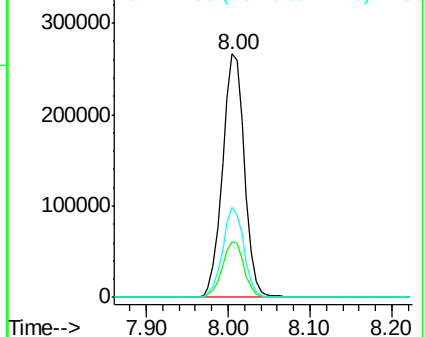
99 100

42 22.6 14.1 21.1#

71 36.9 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: BG033124.D

Acq: 13 Mar 2018 18:19

Tgt Ion: 136 Resp: 211482

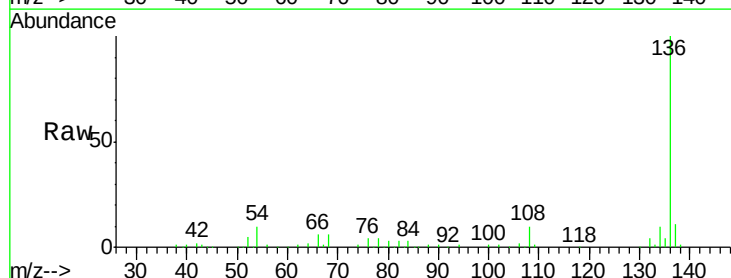
Ion Ratio Lower Upper

136 100

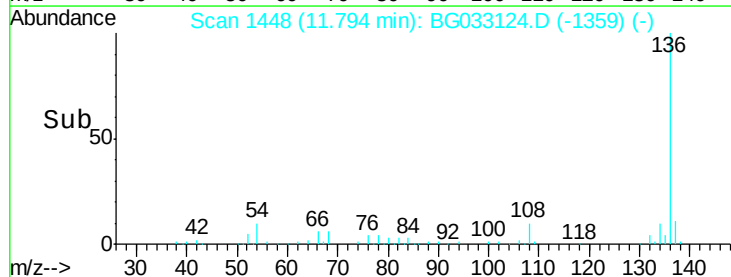
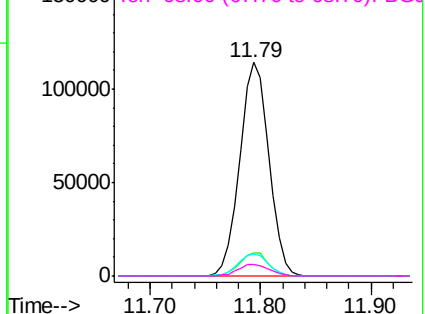
137 10.7 9.2 13.8

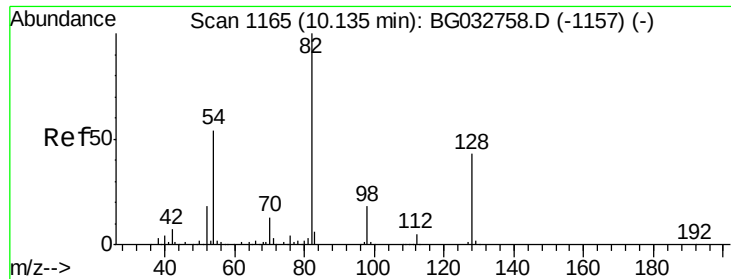
54 10.4 10.3 15.5

68 5.7 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

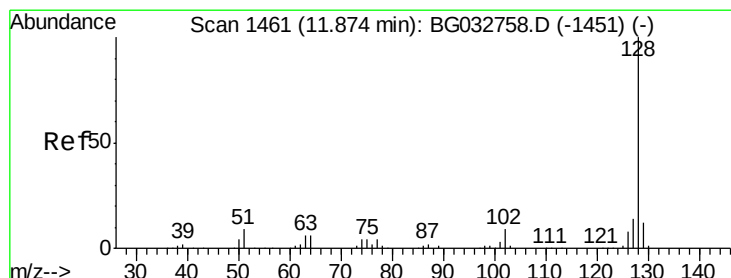
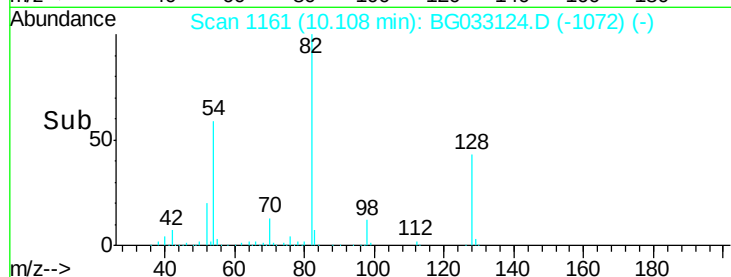
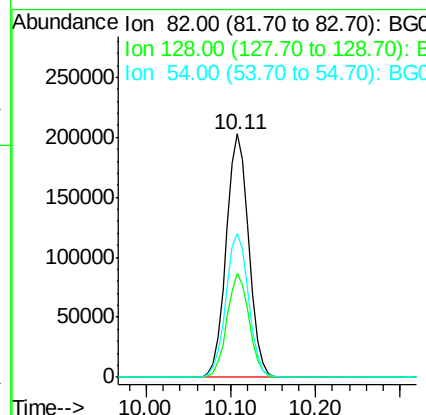
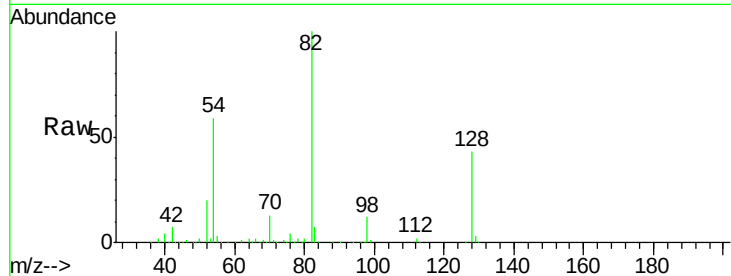




#23
Nitrobenzene-d5
Concen: 117.939 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033124.D
Acq: 13 Mar 2018 18:19

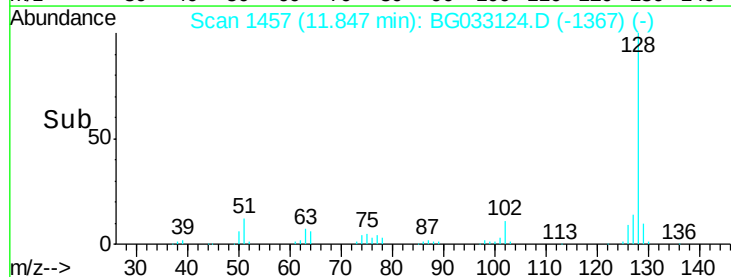
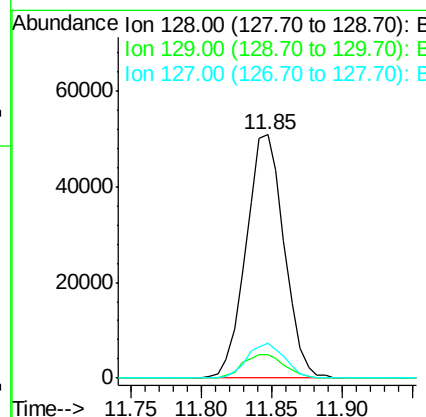
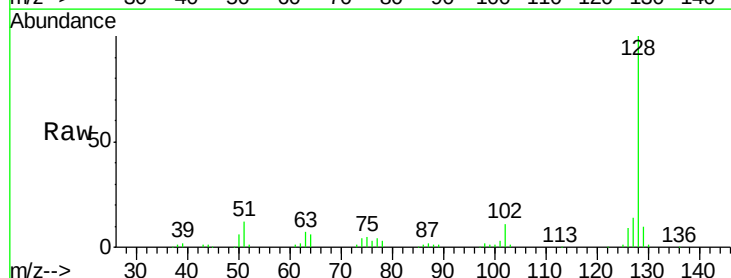
Instrument :
BNA_G
ClientSampleId :
TP-9B-COMP

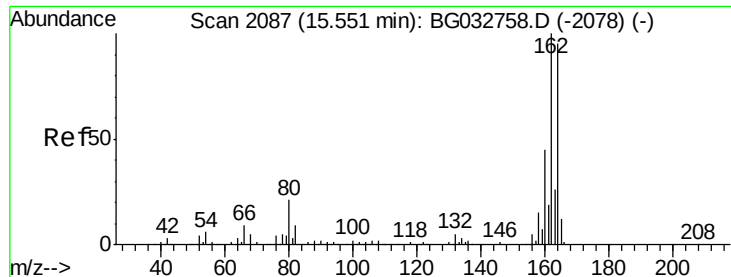
Tot Ion: 82 Resp: 372672
Ion Ratio Lower Upper
82 100
128 42.8 29.7 44.5
54 59.0 43.1 64.7



#31
Naphthalene
Concen: 8.693 ng
RT: 11.85 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BG033124.D
Acq: 13 Mar 2018 18:19

Tgt Ion: 128 Resp: 96066
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 14.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033124.D

Acq: 13 Mar 2018 18:19

Instrument :

BNA_G

ClientSampleId :

TP-9B-COMP

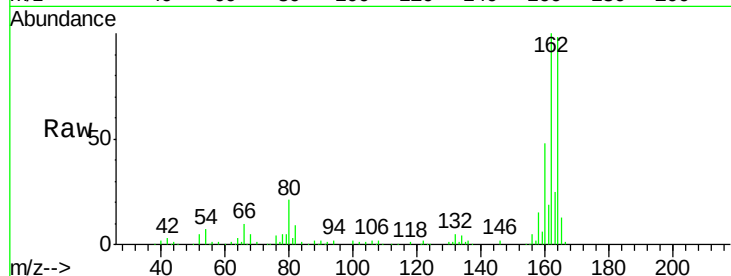
Tot Ion:164 Resp: 113414

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

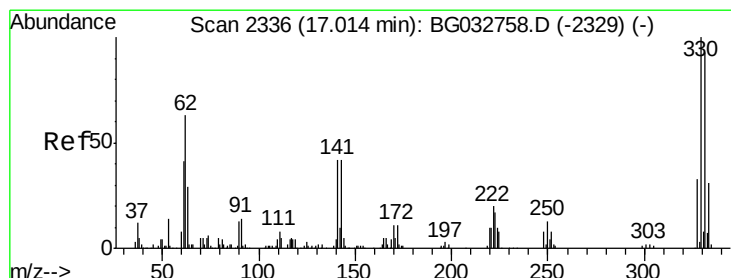
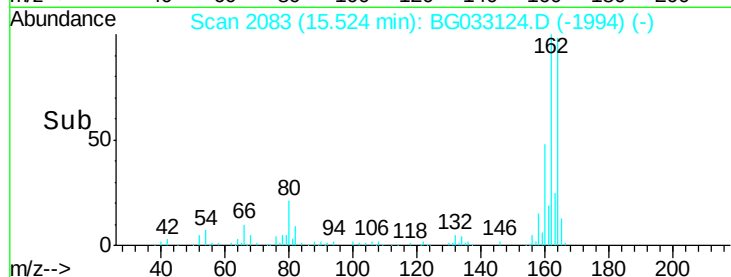
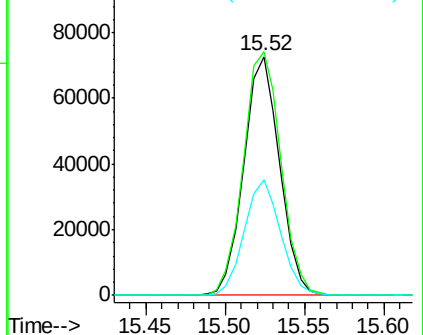
160 48.6 35.4 53.0



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: 172.484 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BG033124.D

Acq: 13 Mar 2018 18:19

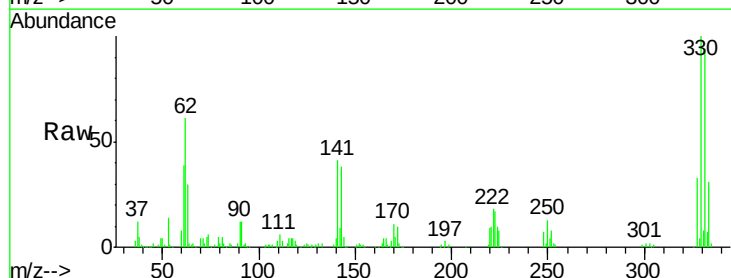
Tgt Ion:330 Resp: 205689

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

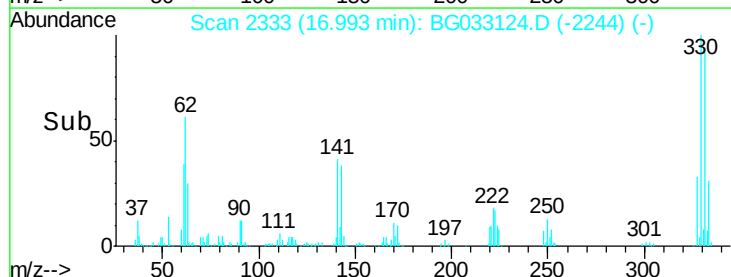
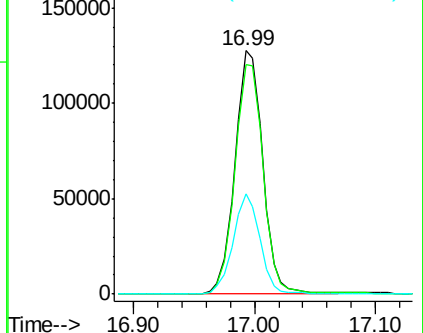
141 39.9 25.2 37.8#

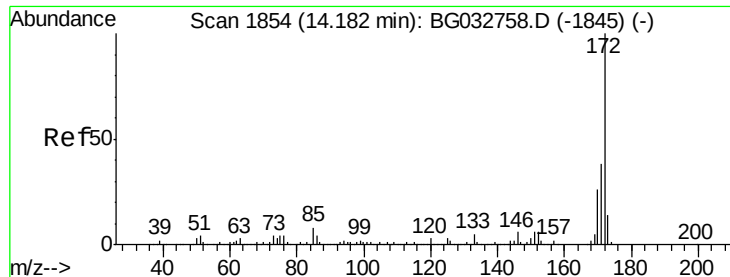


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

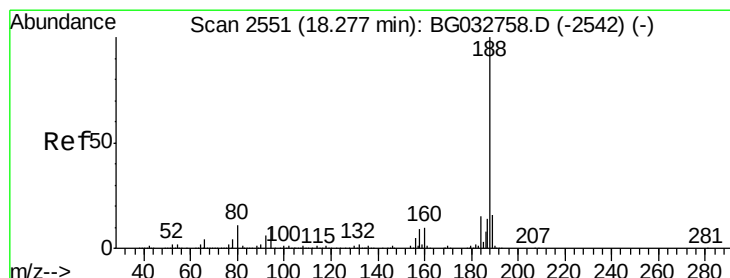
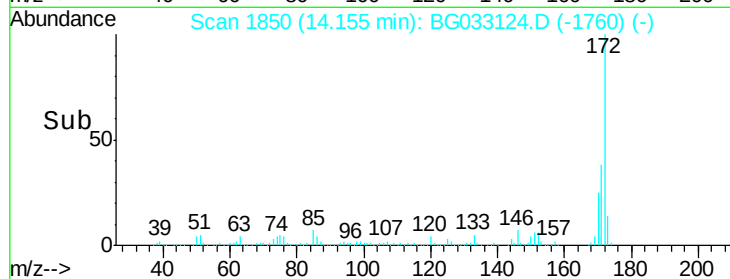
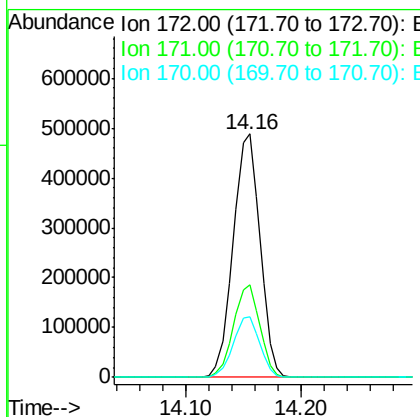
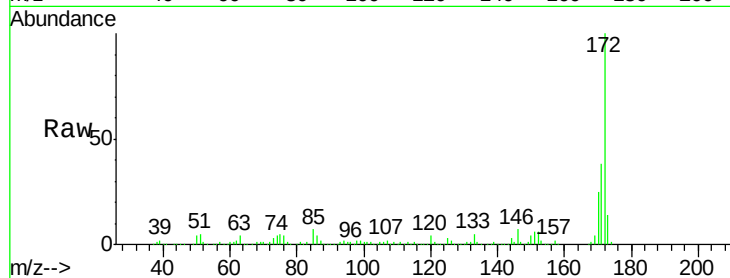




#44
 2-Fluorobiphenyl
 Concen: 99.938 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033124.D
 Acq: 13 Mar 2018 18:19

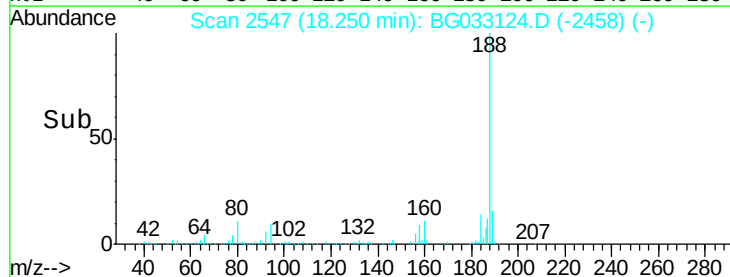
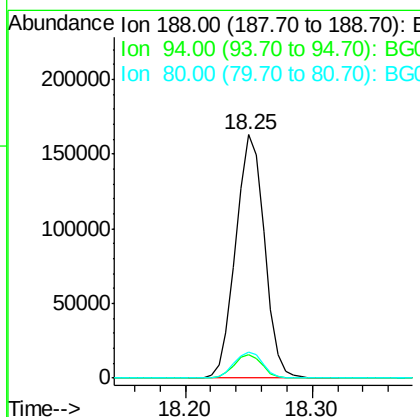
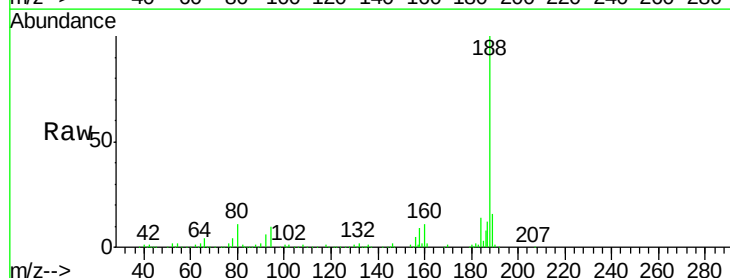
Instrument :
 BNA_G
 ClientSampleId :
 TP-9B-COMP

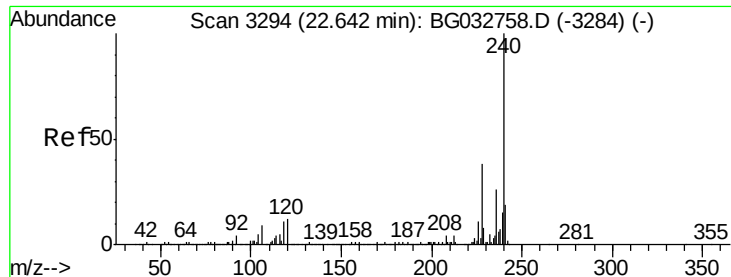
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.9	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BG033124.D
 Acq: 13 Mar 2018 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.9	10.3
80	10.6	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033124.D

Acq: 13 Mar 2018 18:19

Instrument :

BNA_G

ClientSampleId :

TP-9B-COMP

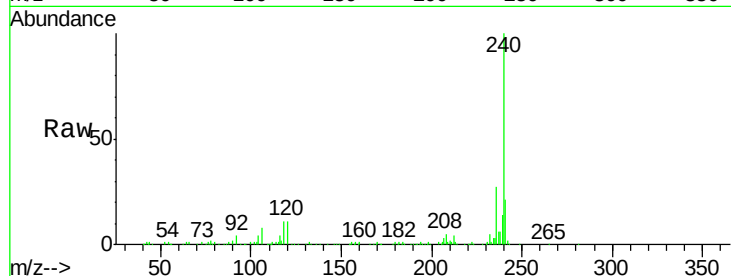
Tot Ion:240 Resp: 249561

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

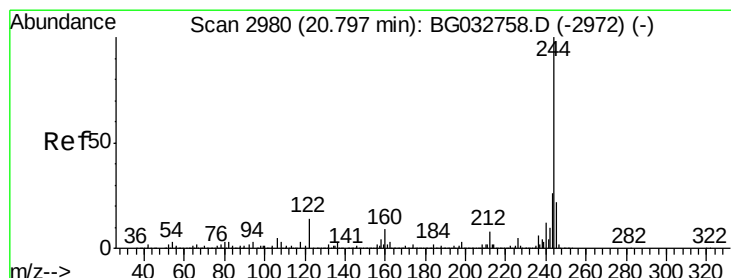
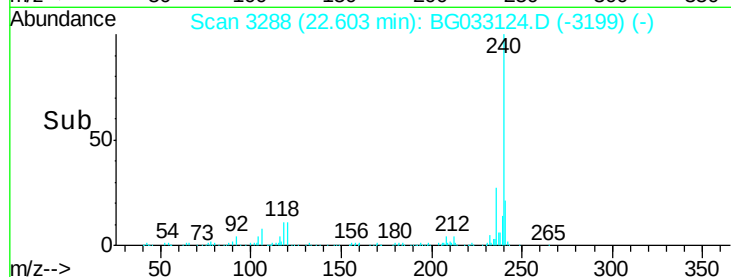
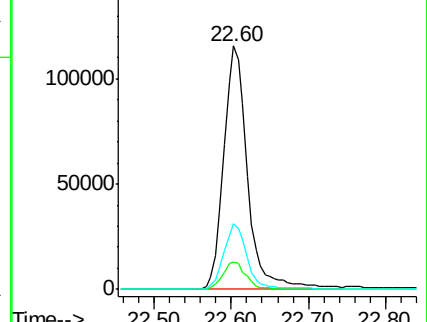
236 26.9 20.9 31.3



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: 109.644 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033124.D

Acq: 13 Mar 2018 18:19

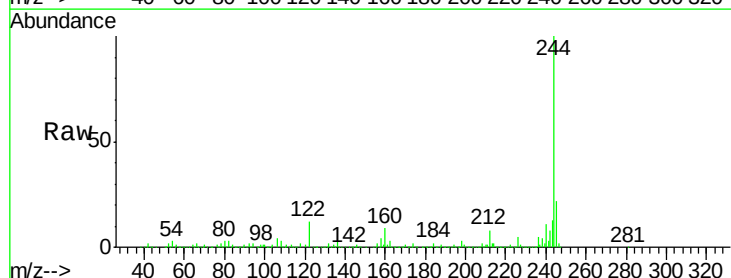
Tgt Ion:244 Resp: 1217899

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

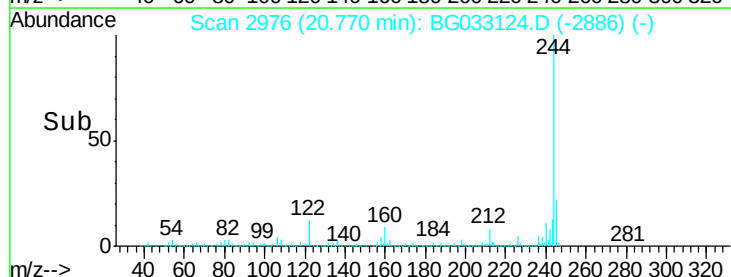
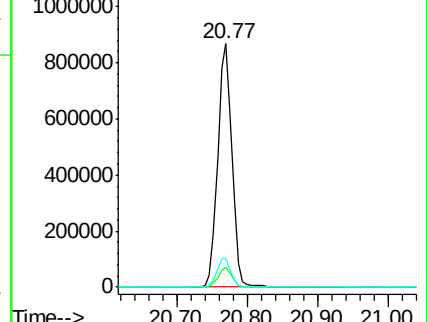
122 11.7 7.0 10.4#

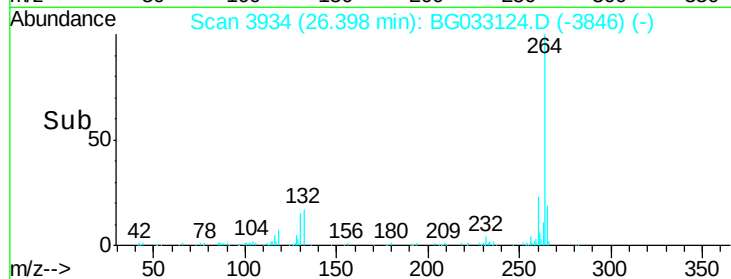
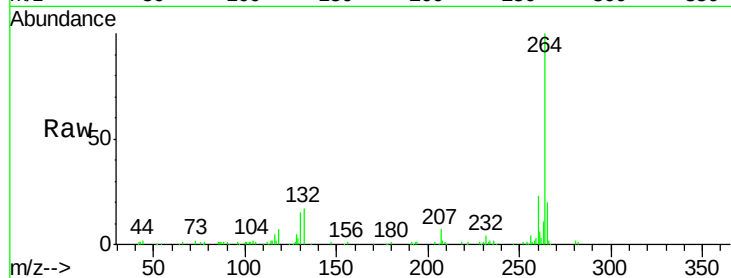
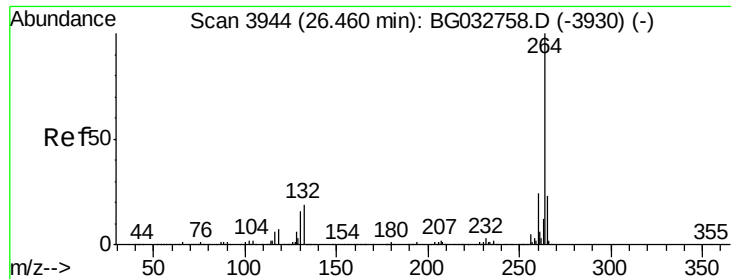


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033124.D
 Acq: 13 Mar 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-9B-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	19.7	17.7	26.5

