

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033152.D
 Acq On : 14 Mar 2018 18:24
 Operator : SJ/JU
 Sample : J1898-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10-COMP

Quant Time: Mar 15 03:45:27 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

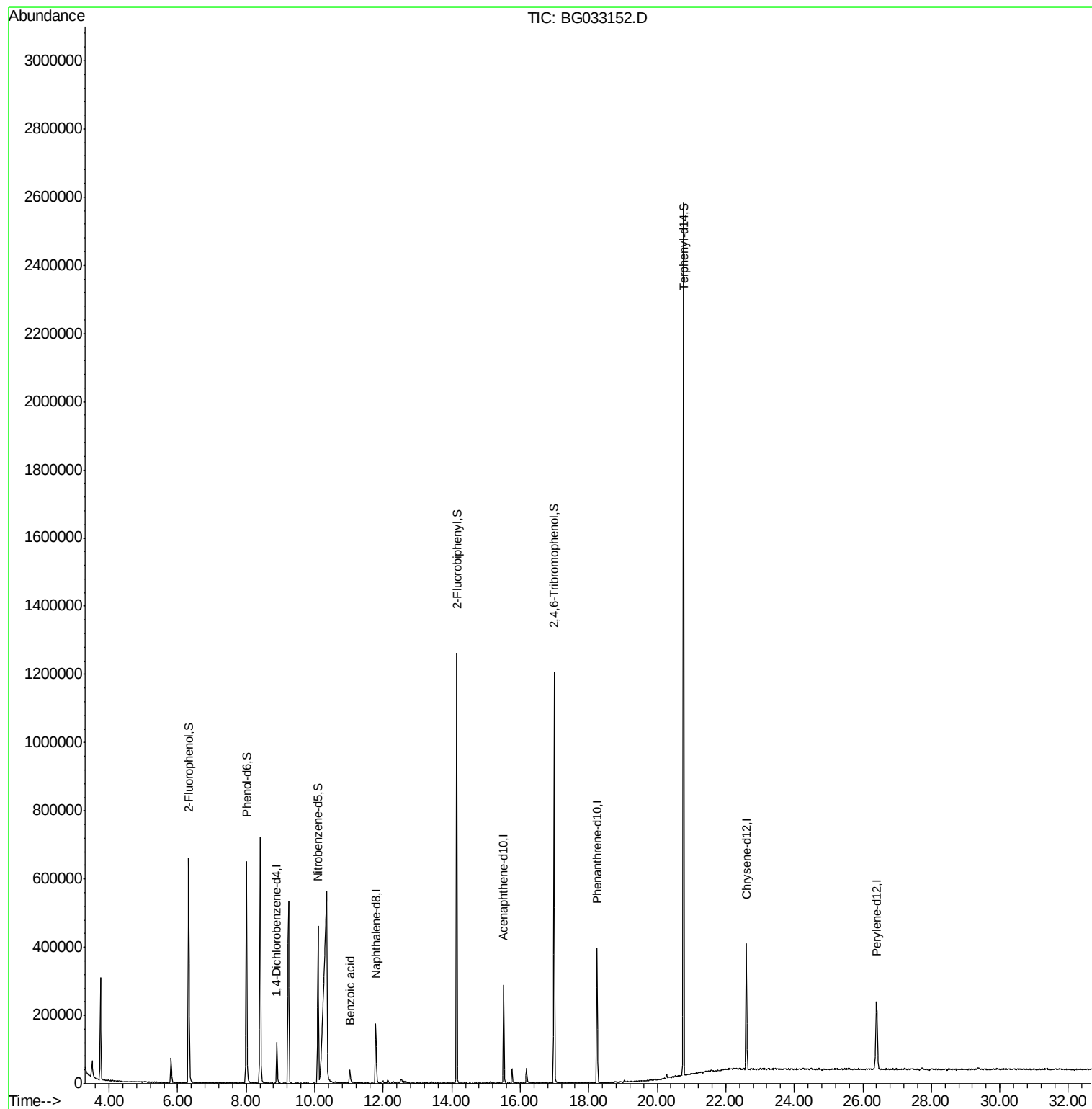
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37234	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	158522	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	98232	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	247609	20.00	ng	0.00
75) Chrysene-d12	22.60	240	229318	20.00	ng	0.00
86) Perylene-d12	26.40	264	240897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	320367	137.65	ng	0.00
7) Phenol-d6	8.01	99	404267	124.62	ng	0.00
23) Nitrobenzene-d5	10.10	82	292873	123.17	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	233216	225.79	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	665760	97.75	ng	0.00
78) Terphenyl-d14	20.77	244	1180480	115.66	ng	0.00
Target Compounds						
32) Benzoic acid	11.02	122	17973	18.859	ng	Qvalue # 83

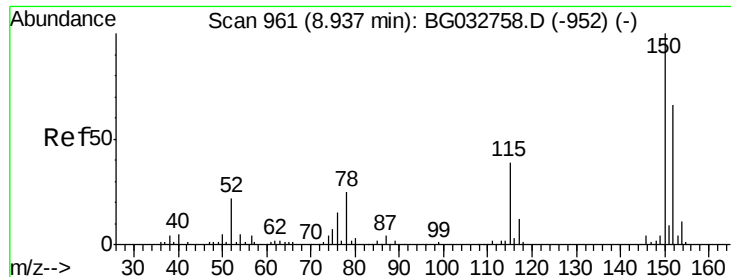
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
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TP-10-COMP

Quant Time: Mar 15 03:45:27 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



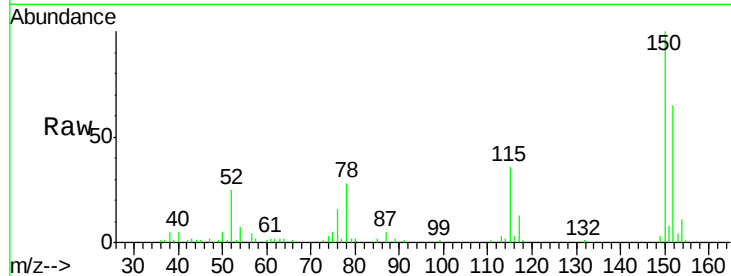


#1

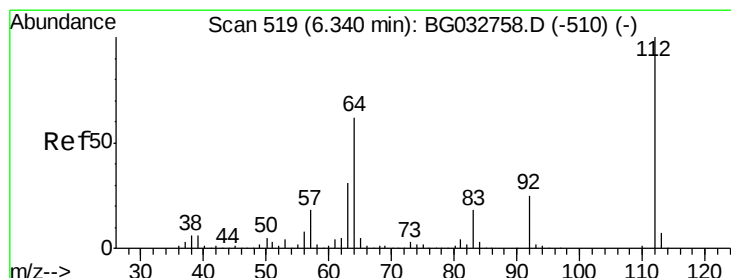
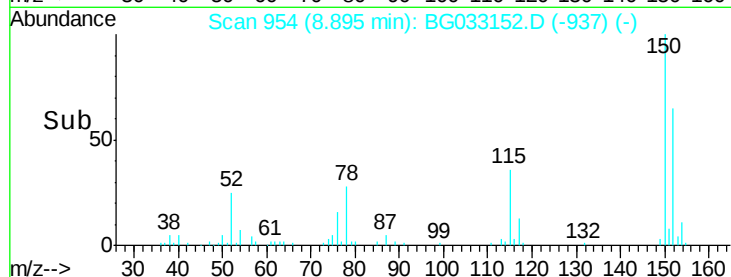
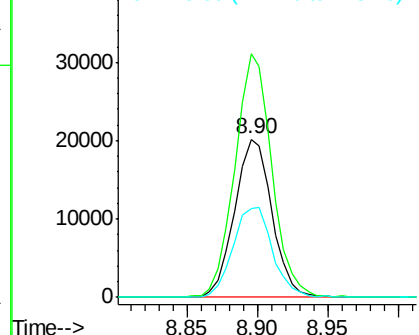
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033152.D
Acq: 14 Mar 2018 18:24

Instrument :
BNA_G
ClientSampleId :
TP-10-COMP

Tot Ion:152 Resp: 37234
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 55.9 53.0 79.4



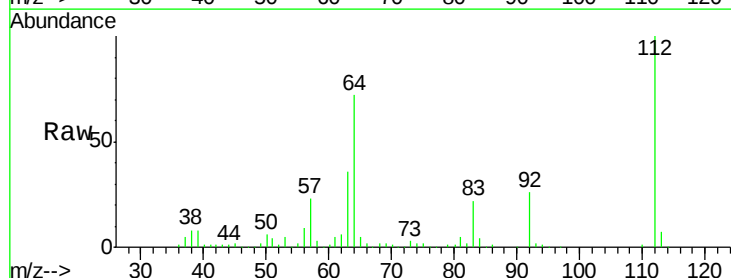
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



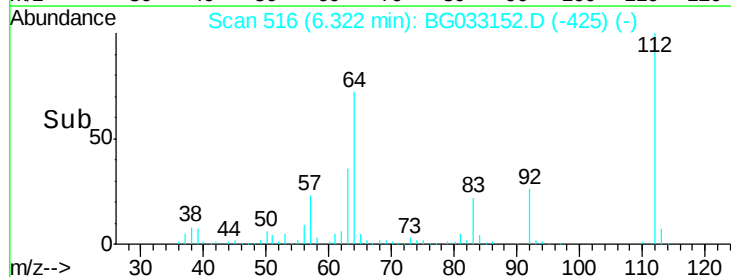
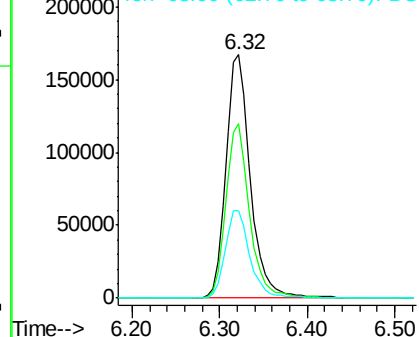
#5

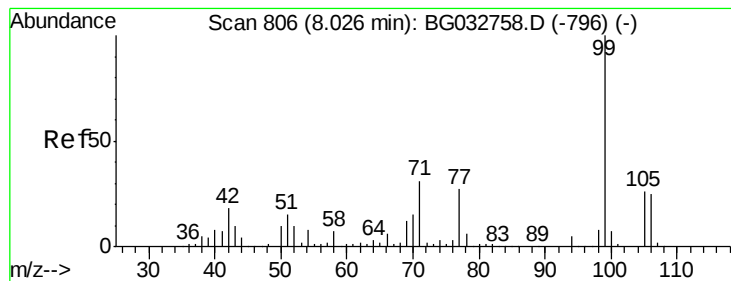
2-Fluorophenol
Concen: 137.654 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033152.D
Acq: 14 Mar 2018 18:24

Tgt Ion:112 Resp: 320367
Ion Ratio Lower Upper
112 100
64 71.8 56.3 84.5
63 36.2 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: 124.621 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

Instrument :

BNA_G

ClientSampled :

TP-10-COMP

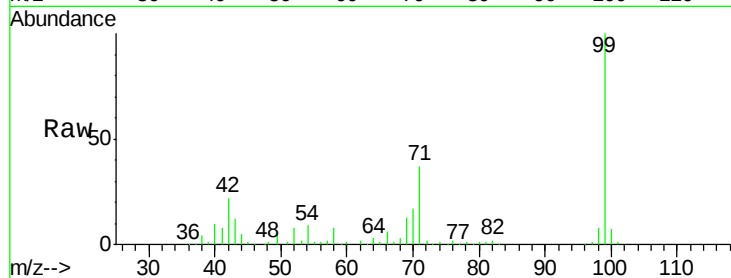
Tot Ion: 99 Resp: 404267

Ion Ratio Lower Upper

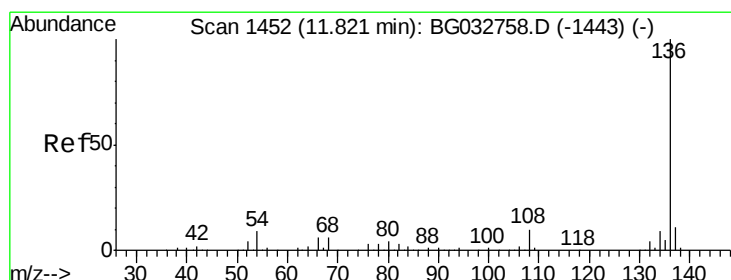
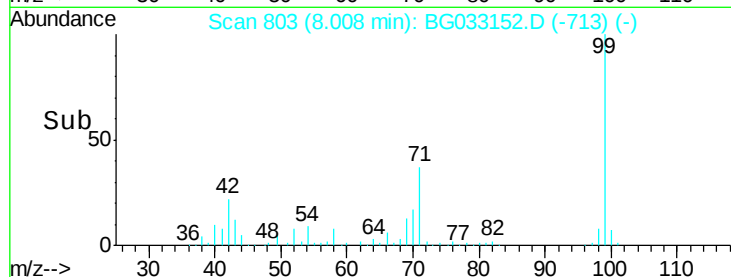
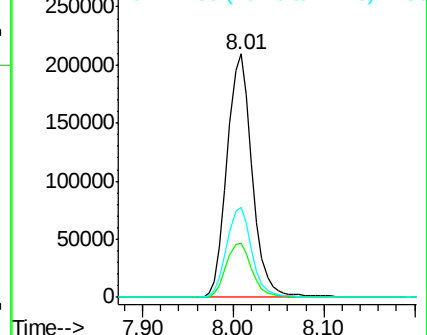
99 100

42 22.4 14.1 21.1#

71 37.0 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# 1446

Delta R.T. -0.00 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

Tgt Ion: 136 Resp: 158522

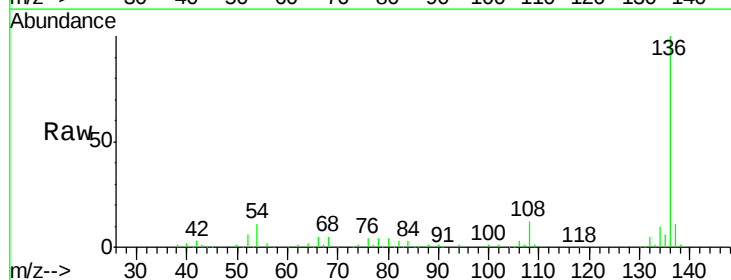
Ion Ratio Lower Upper

136 100

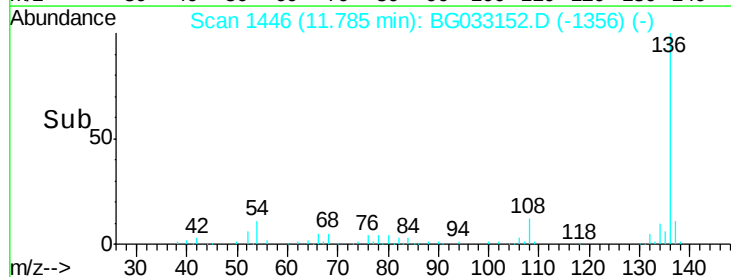
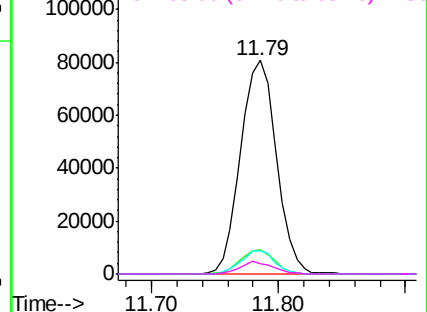
137 11.3 9.2 13.8

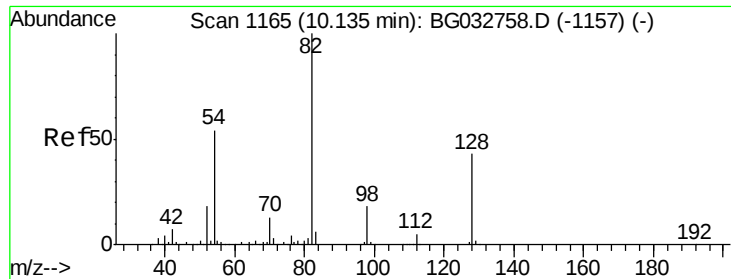
54 10.5 10.3 15.5

68 4.9 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: 123.170 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

Instrument :

BNA_G

ClientSampleId :

TP-10-COMP

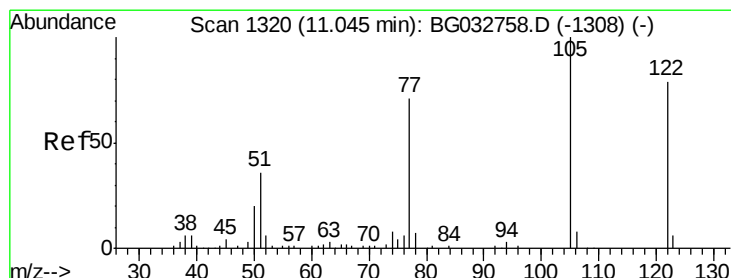
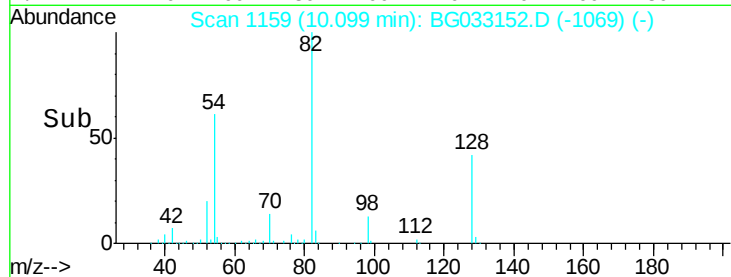
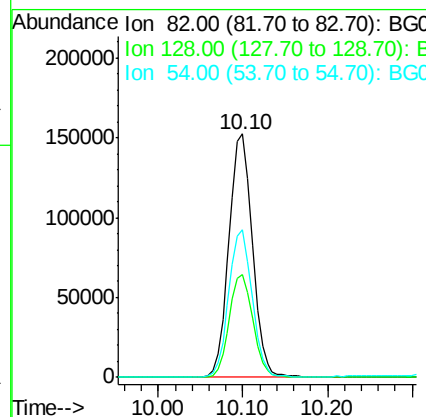
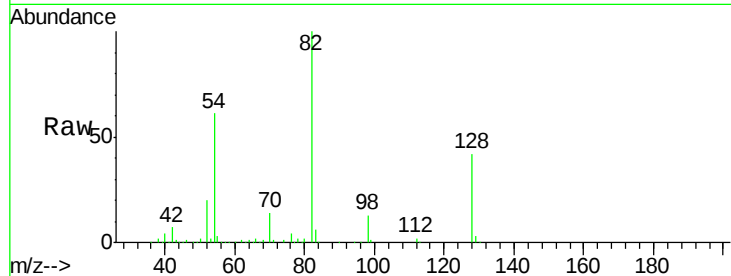
Tot Ion: 82 Resp: 292873

Ion Ratio Lower Upper

82 100

128 42.3 29.7 44.5

54 60.7 43.1 64.7



#32

Benzoic acid

Concen: 18.859 ng

RT: 11.02 min Scan# 1316

Delta R.T. 0.05 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

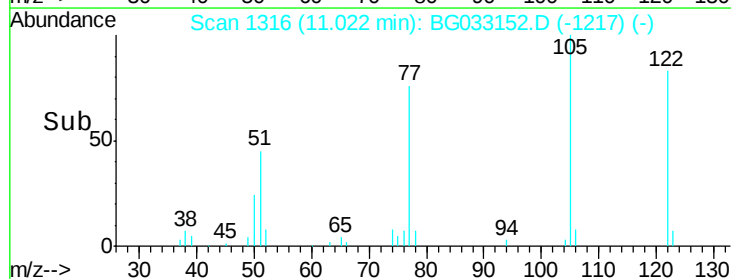
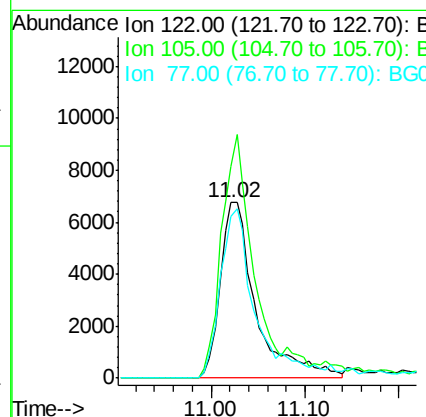
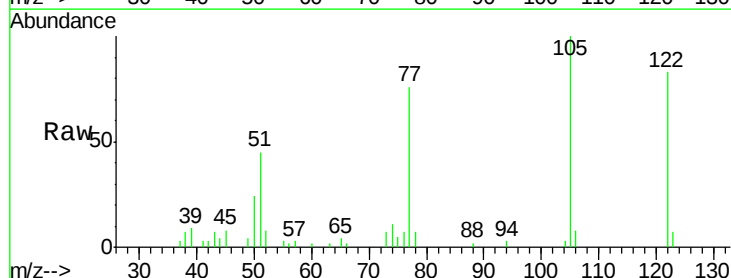
Tgt Ion: 122 Resp: 17973

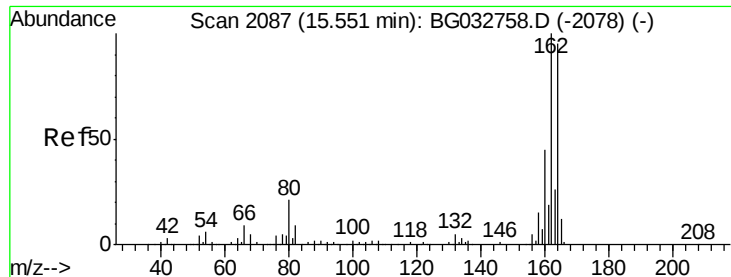
Ion Ratio Lower Upper

122 100

105 120.2 123.5 163.5#

77 91.7 85.7 125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

Instrument :

BNA_G

ClientSampleId :

TP-10-COMP

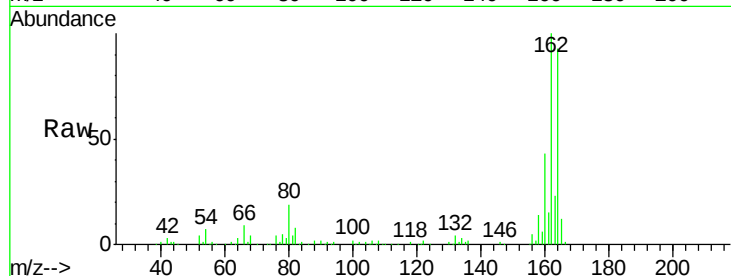
Tot Ion:164 Resp: 98232

Ion Ratio Lower Upper

164 100

162 108.0 78.8 118.2

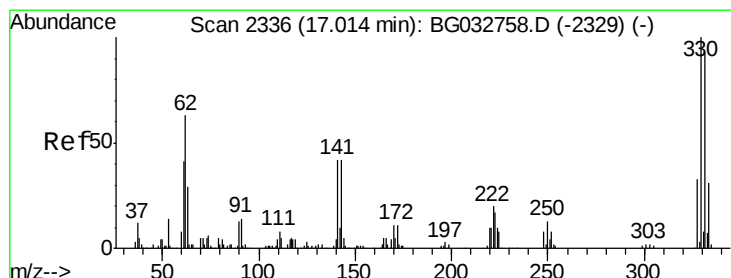
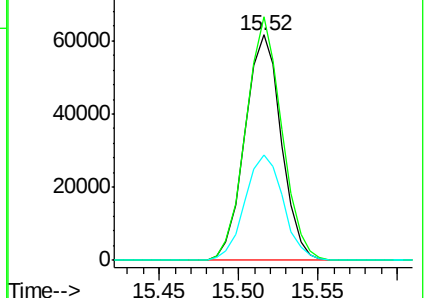
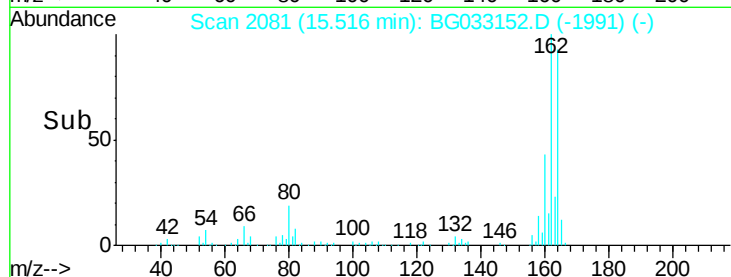
160 47.0 35.4 53.0



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: 225.793 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

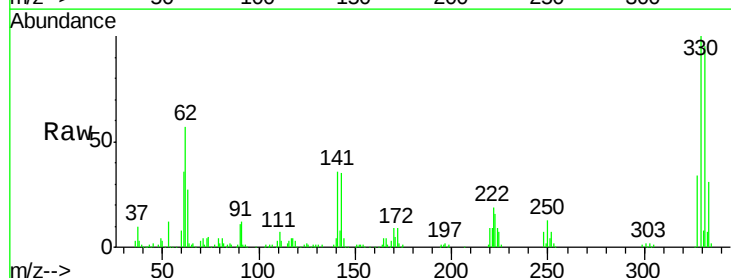
Tgt Ion:330 Resp: 233216

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

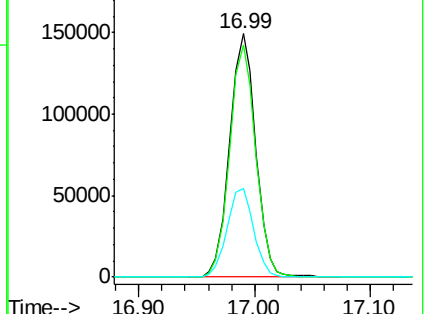
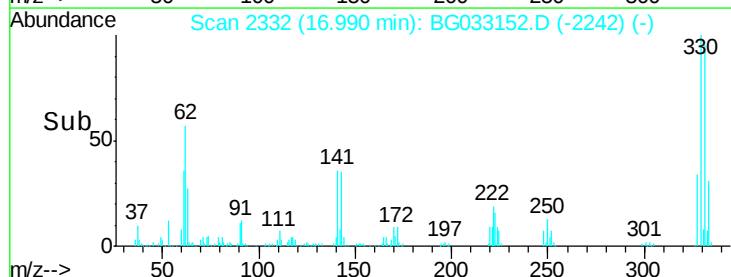
141 37.4 25.2 37.8

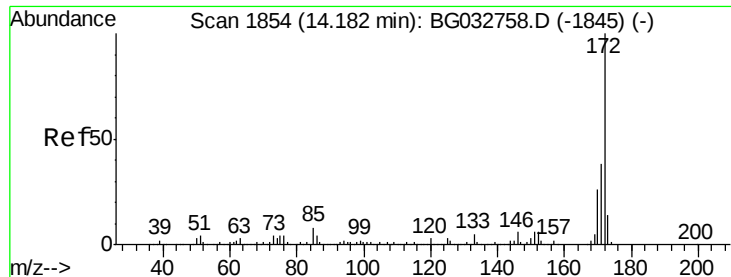


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

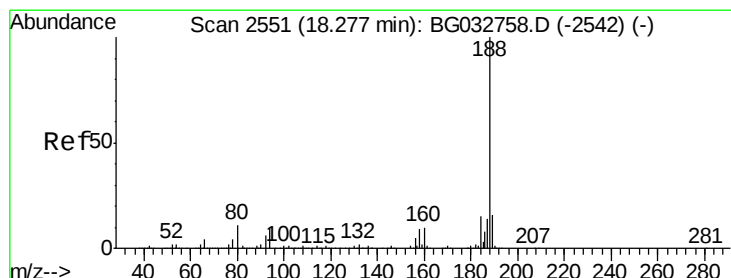
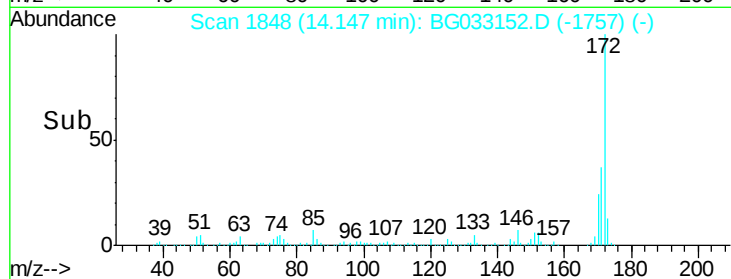
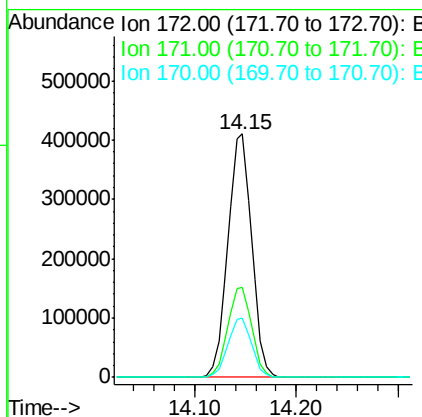
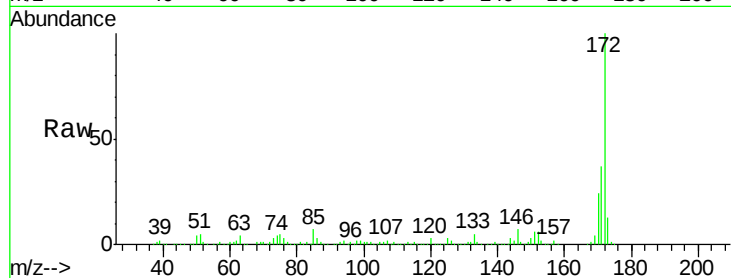




#44
 2-Fluorobiphenyl
 Concen: 97.748 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033152.D
 Acq: 14 Mar 2018 18:24

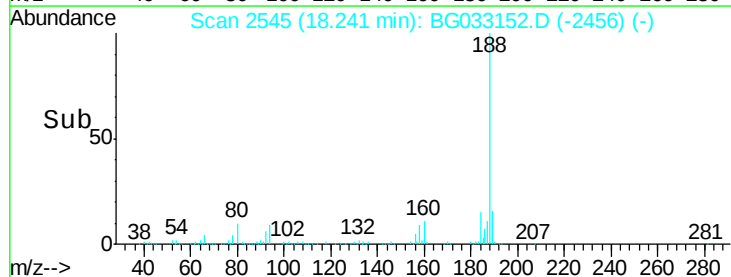
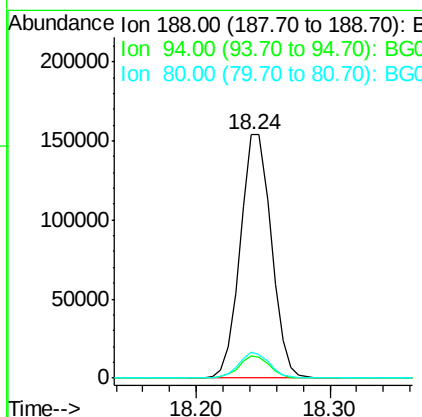
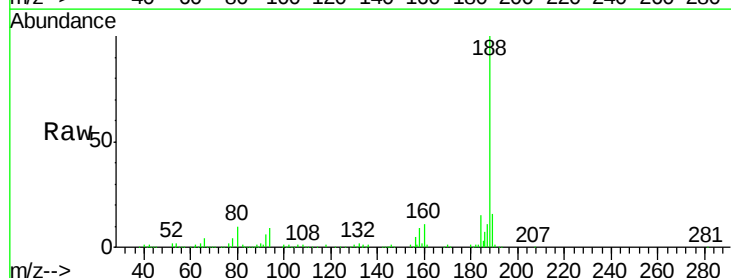
Instrument :
 BNA_G
 ClientSampleId :
 TP-10-COMP

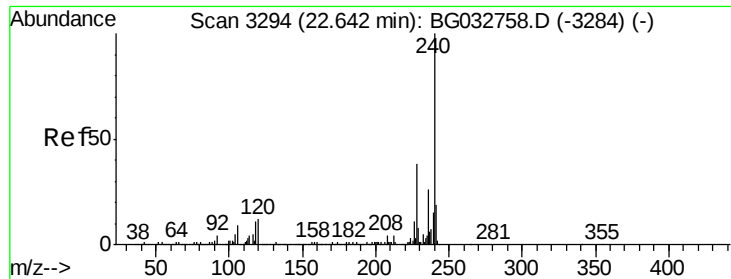
Tot Ion:172 Resp: 665760
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BG033152.D
 Acq: 14 Mar 2018 18:24

Tgt Ion:188 Resp: 247609
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.9 10.3
 80 10.5 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

Instrument :

BNA_G

ClientSampleId :

TP-10-COMP

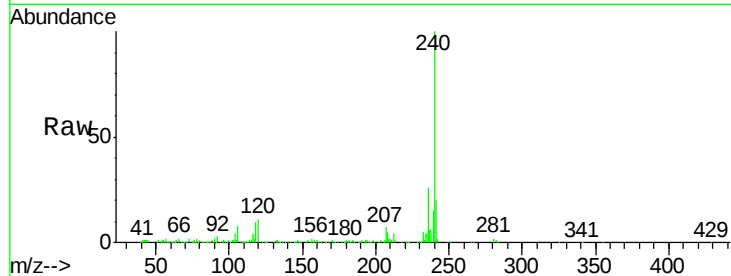
Tot Ion:240 Resp: 229318

Ion Ratio Lower Upper

240 100

120 11.0 6.8 10.2#

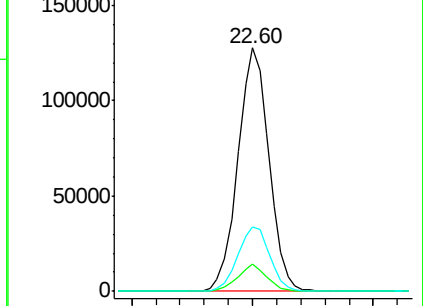
236 26.4 20.9 31.3



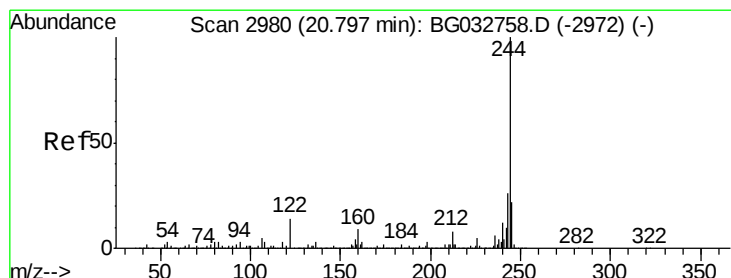
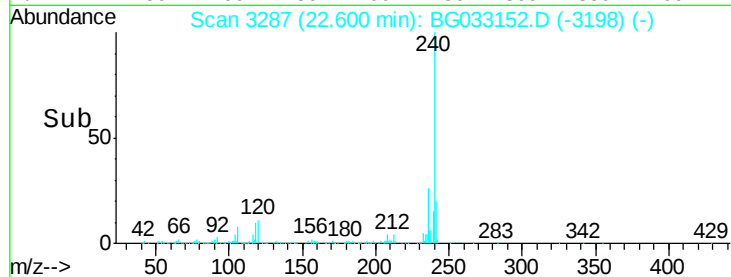
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.50 22.60 22.70



#78

Terphenyl-d14

Concen: 115.657 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033152.D

Acq: 14 Mar 2018 18:24

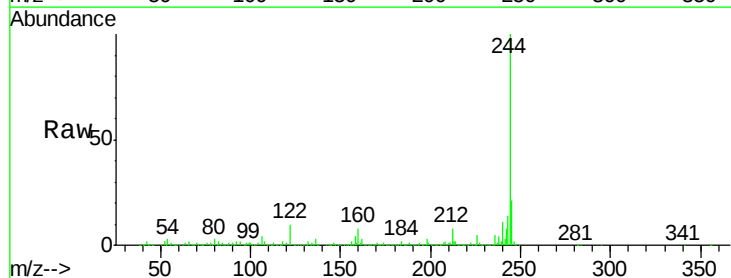
Tgt Ion:244 Resp: 1180480

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

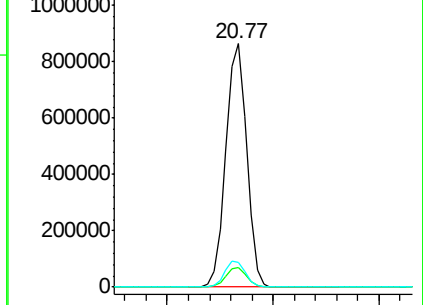
122 10.4 7.0 10.4



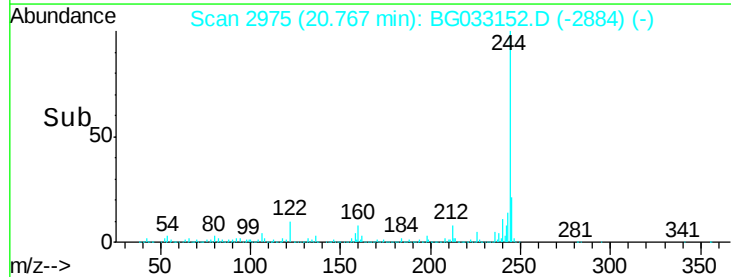
Abundance Ion 244.00 (243.70 to 244.70): E

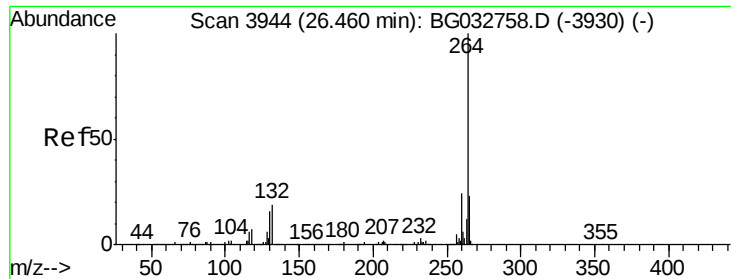
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.70 20.80 20.90

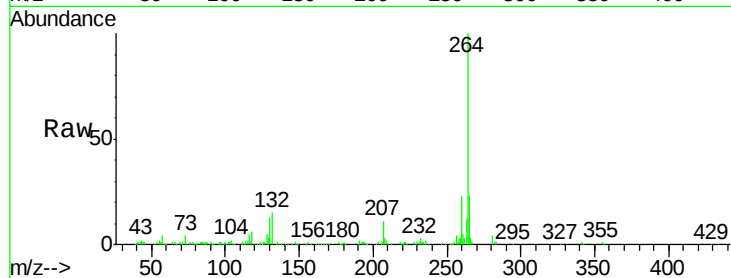




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033152.D
Acq: 14 Mar 2018 18:24

Instrument :
BNA_G
ClientSampleId :
TP-10-COMP

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.2	17.4	26.0	
265	22.8	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

