

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033140.D
 Acq On : 14 Mar 2018 7:14
 Operator : SJ/JU
 Sample : J1898-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12-COMP

Quant Time: Mar 14 12:04:39 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

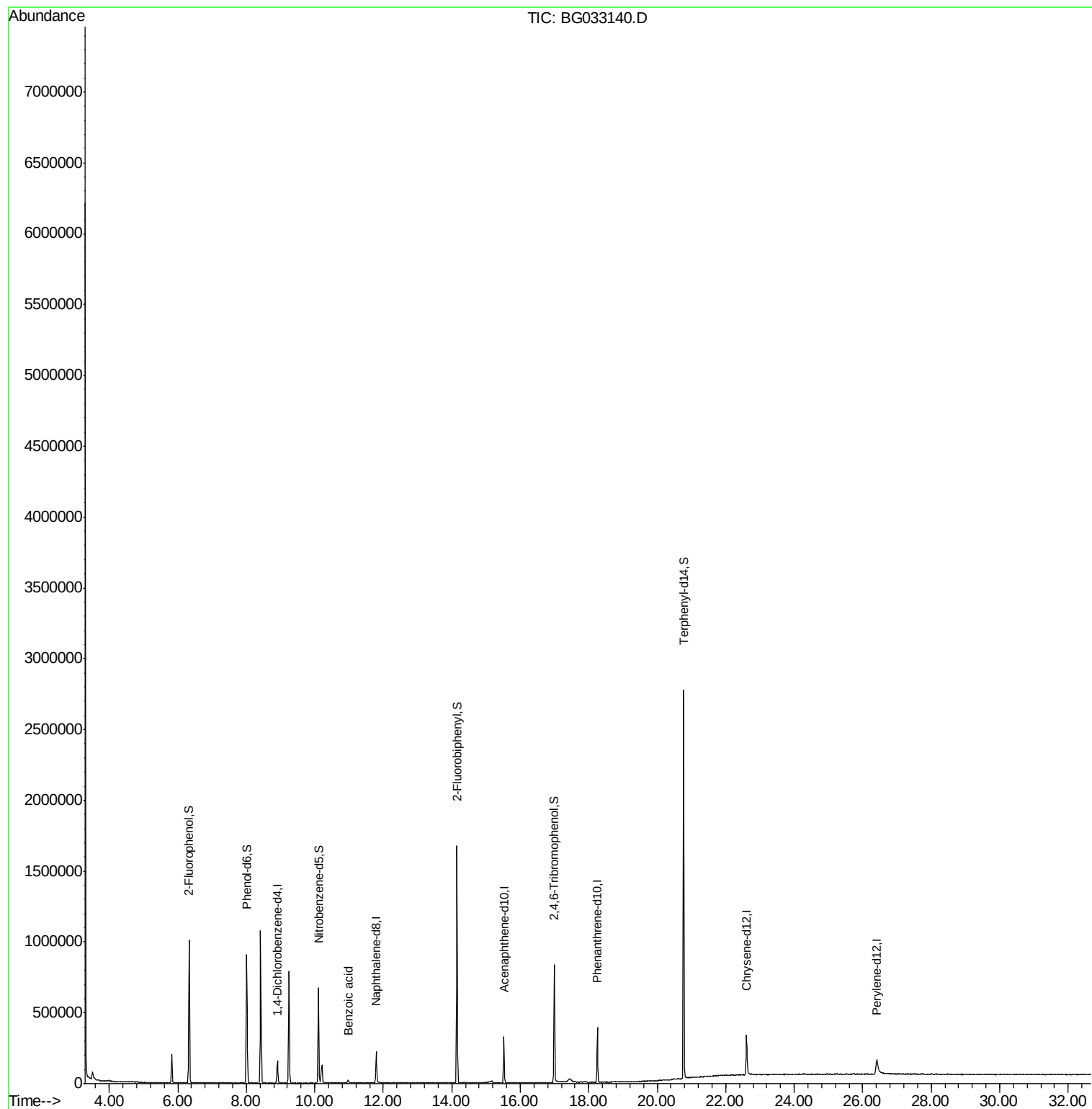
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	45660	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	199679	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	110171	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	238255	20.00	ng	0.00
75) Chrysene-d12	22.61	240	218528	20.00	ng	0.00
86) Perylene-d12	26.42	264	189839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	454573	159.28	ng	0.00
7) Phenol-d6	8.02	99	546406	137.35	ng	0.01
23) Nitrobenzene-d5	10.11	82	416136	137.67	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	155633	134.35	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	860350	112.63	ng	0.00
78) Terphenyl-d14	20.77	244	1236305	127.11	ng	0.00
Target Compounds						
32) Benzoic acid	10.97	122	10671	12.318	ng	Qvalue 86

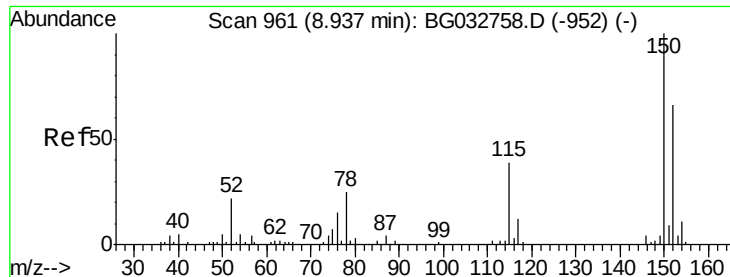
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



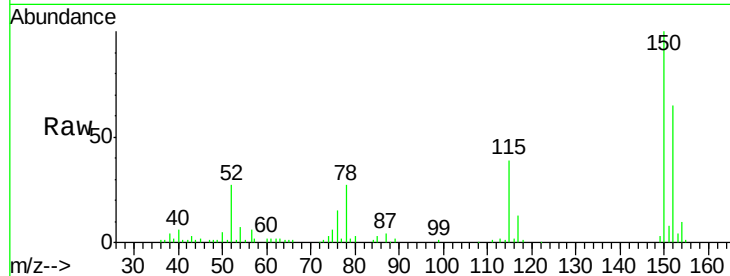


#1

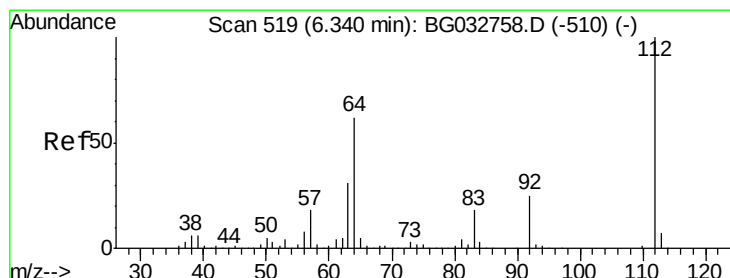
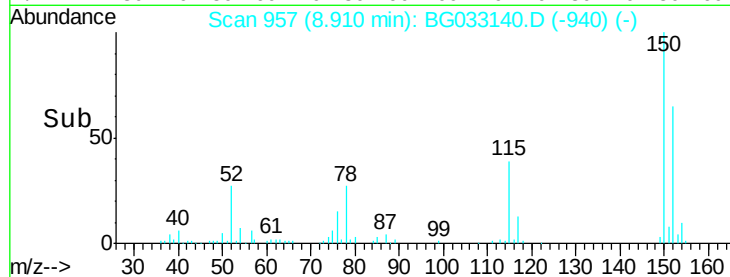
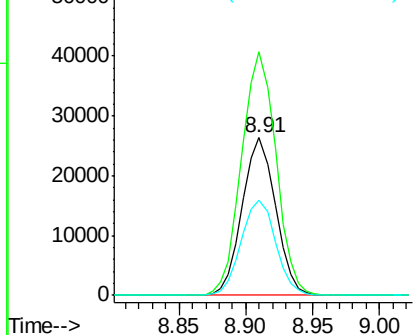
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033140.D
Acq: 14 Mar 2018 7:14

Instrument :
BNA_G
ClientSampleId :
TP-12-COMP

Tot Ion:152 Resp: 45660
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 60.4 53.0 79.4



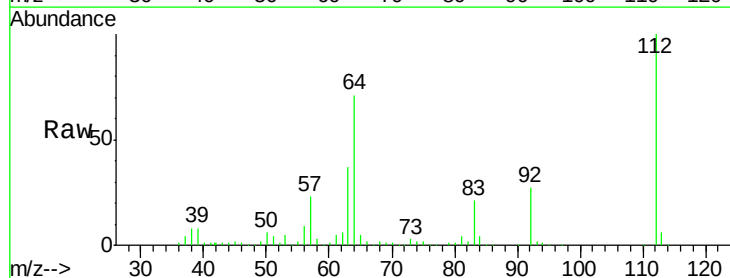
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



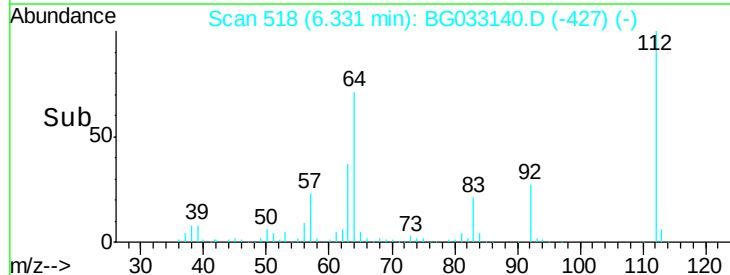
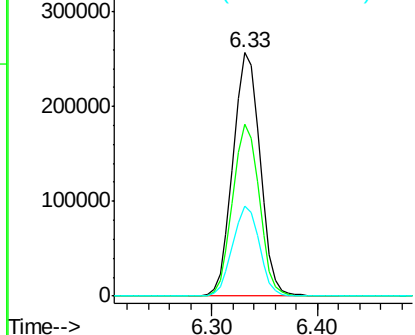
#5

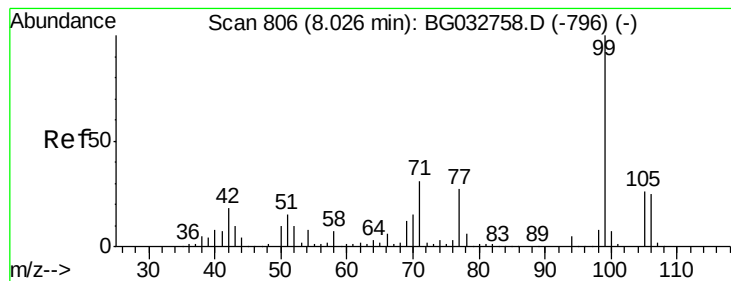
2-Fluorophenol
Concen: 159.275 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033140.D
Acq: 14 Mar 2018 7:14

Tgt Ion:112 Resp: 454573
Ion Ratio Lower Upper
112 100
64 70.7 56.3 84.5
63 36.9 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: 137.354 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033140.D

Acq: 14 Mar 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-12-COMP

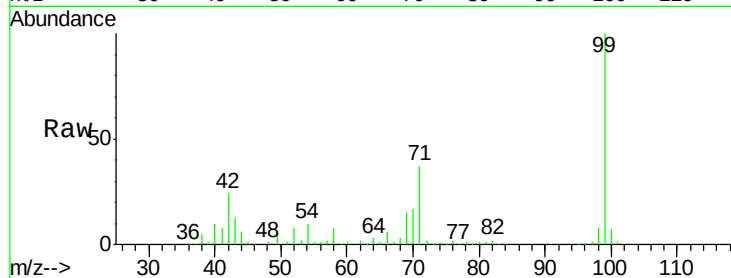
Tot Ion: 99 Resp: 546406

Ion Ratio Lower Upper

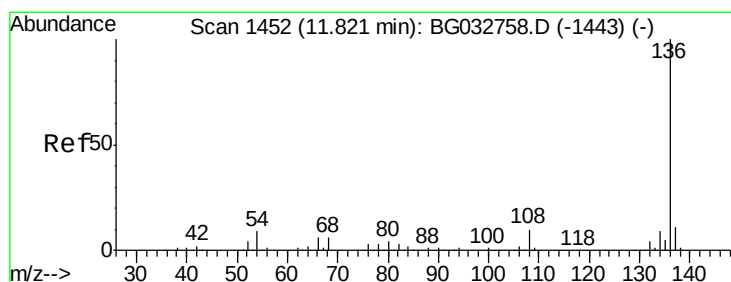
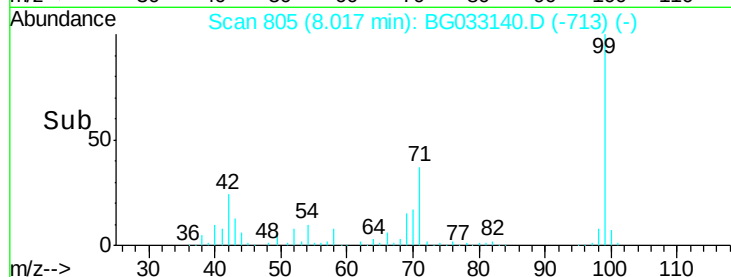
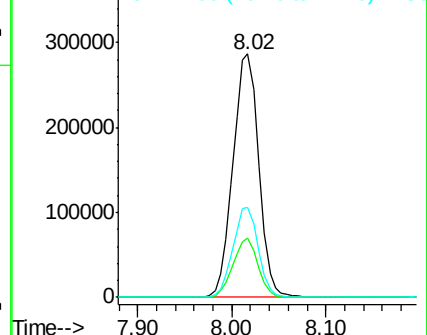
99 100

42 24.4 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: BG033140.D

Acq: 14 Mar 2018 7:14

Tgt Ion: 136 Resp: 199679

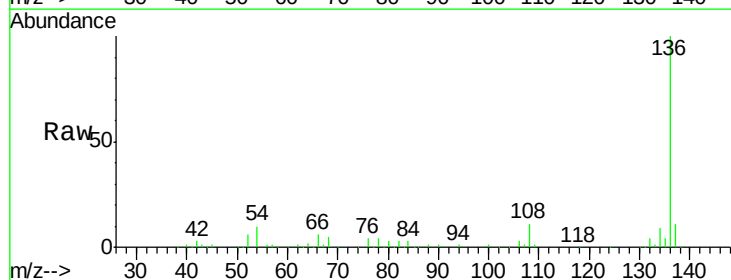
Ion Ratio Lower Upper

136 100

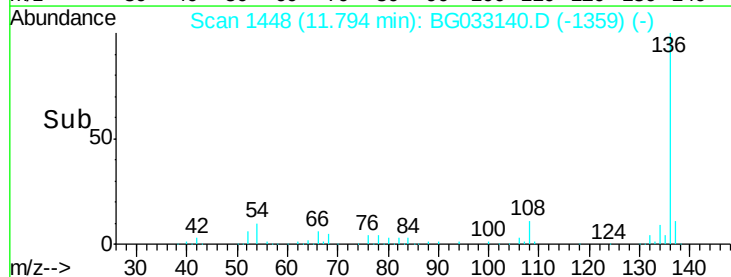
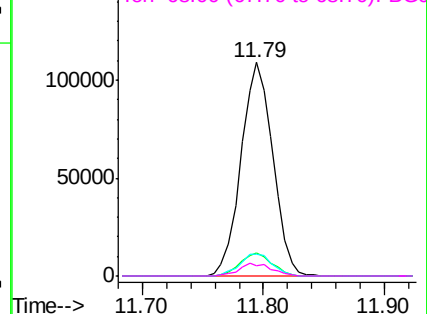
137 11.1 9.2 13.8

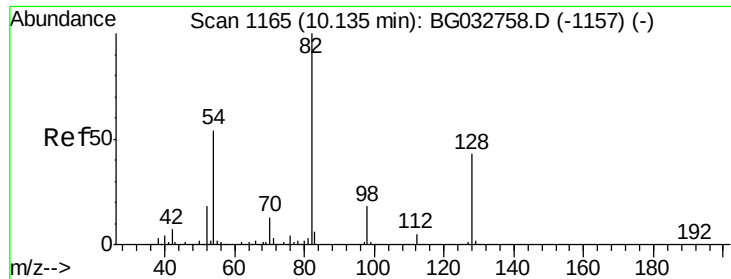
54 10.0 10.3 15.5#

68 5.0 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

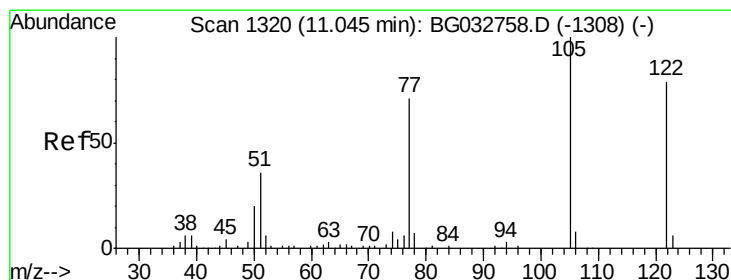
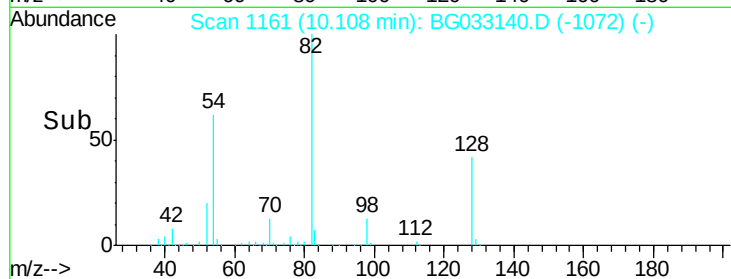
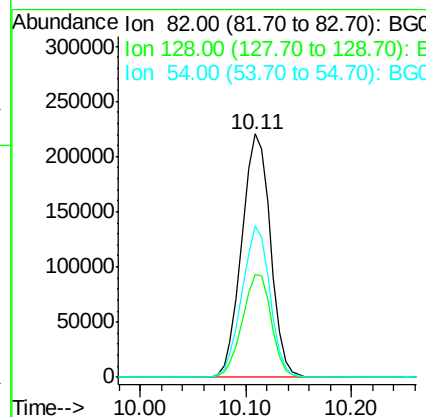
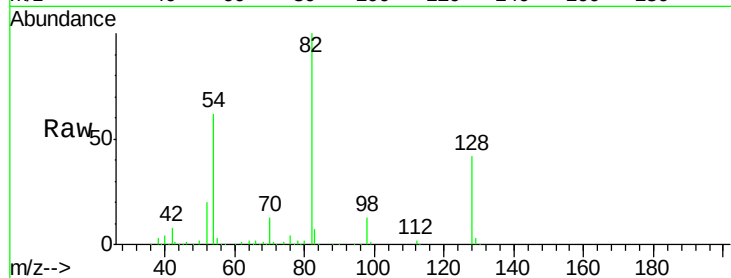




#23
 Nitrobenzene-d5
 Concen: 137.668 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033140.D
 Acq: 14 Mar 2018 7:14

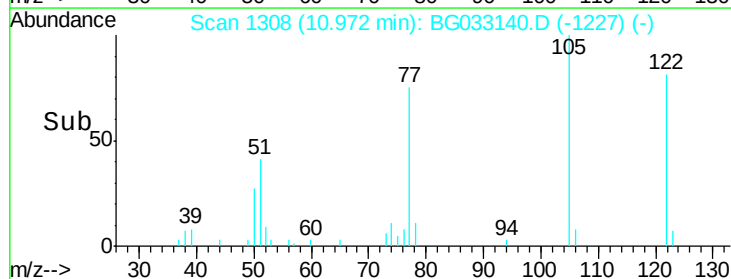
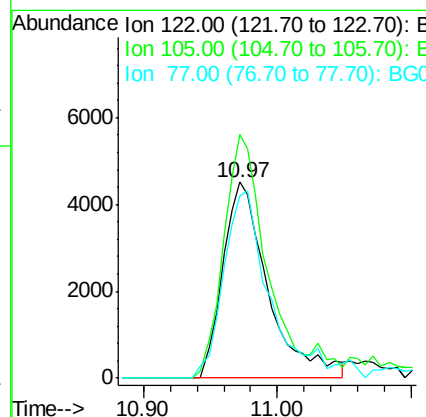
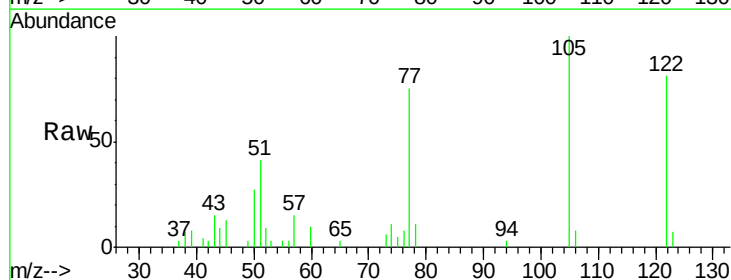
Instrument :
 BNA_G
 ClientSampleId :
 TP-12-COMP

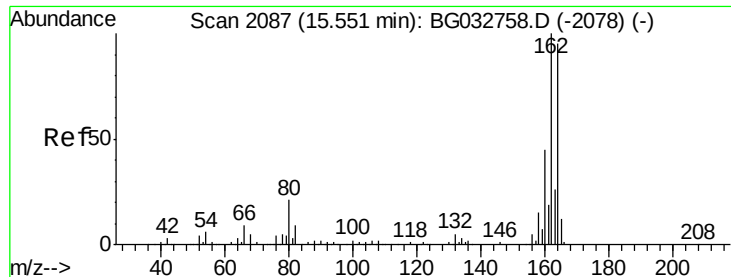
Tot Ion	82	Resp	416136
Ion	Ratio	Lower	Upper
82	100		
128	42.4	29.7	44.5
54	62.2	43.1	64.7



#32
 Benzoic acid
 Concen: 12.318 ng
 RT: 10.97 min Scan# 1308
 Delta R.T. -0.05 min
 Lab File: BG033140.D
 Acq: 14 Mar 2018 7:14

Tgt Ion	122	Resp	10671
Ion	Ratio	Lower	Upper
122	100		
105	124.1	123.5	163.5
77	92.7	85.7	125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033140.D

Acq: 14 Mar 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-12-COMP

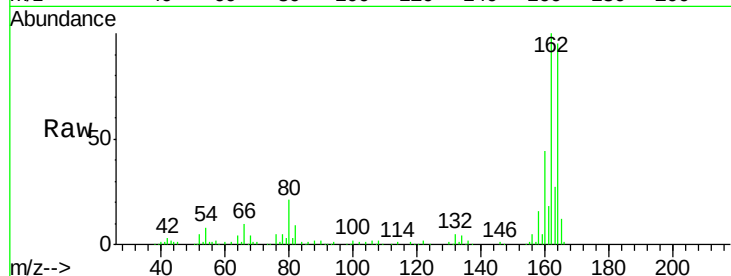
Tot Ion:164 Resp: 110171

Ion Ratio Lower Upper

164 100

162 105.1 78.8 118.2

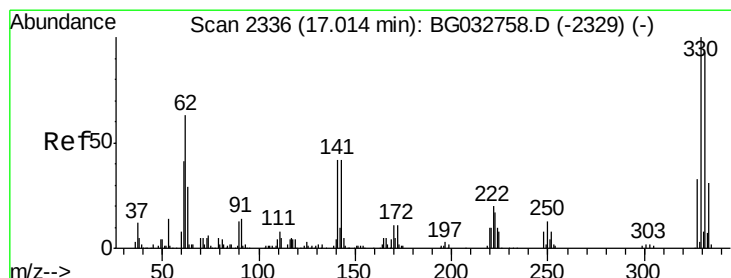
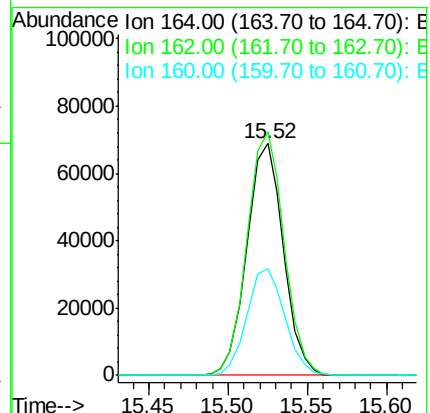
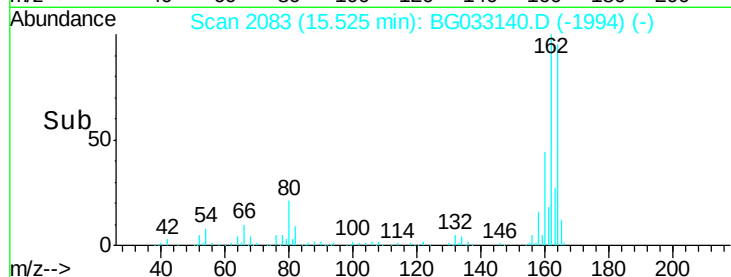
160 46.0 35.4 53.0



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: 134.351 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BG033140.D

Acq: 14 Mar 2018 7:14

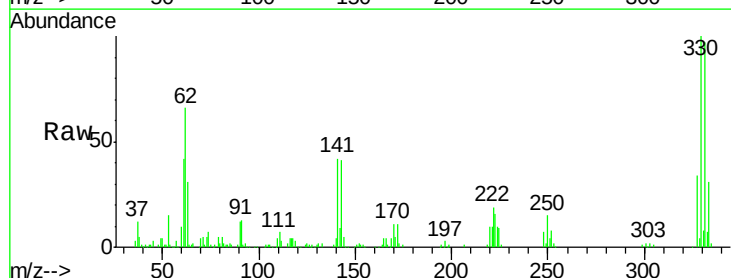
Tgt Ion:330 Resp: 155633

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

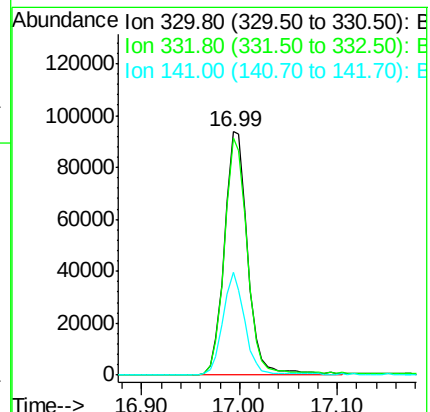
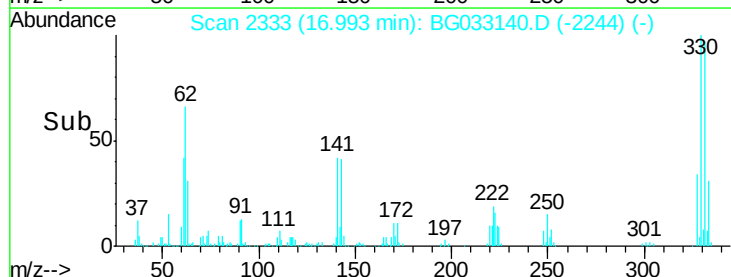
141 40.1 25.2 37.8#

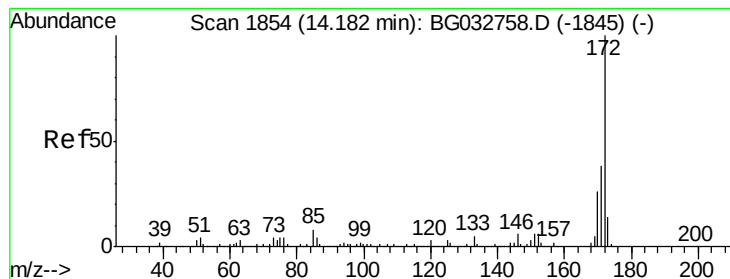


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 112.629 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG033140.D

Acq: 14 Mar 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-12-COMP

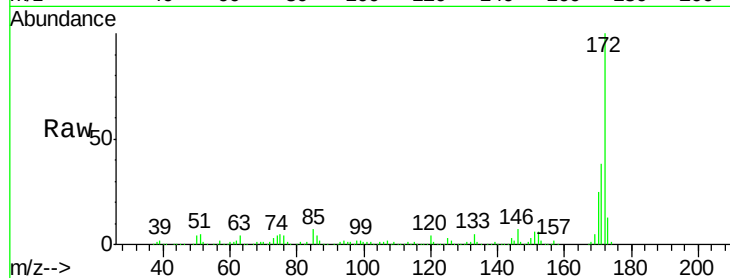
Tot Ion:172 Resp: 860350

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

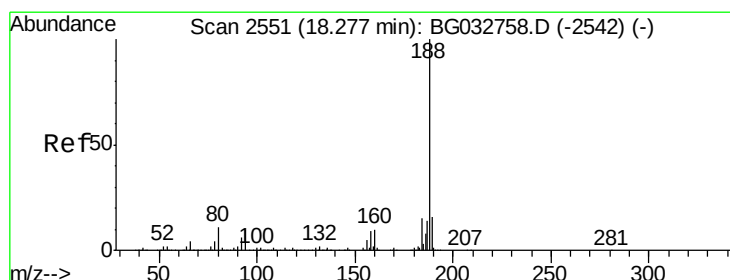
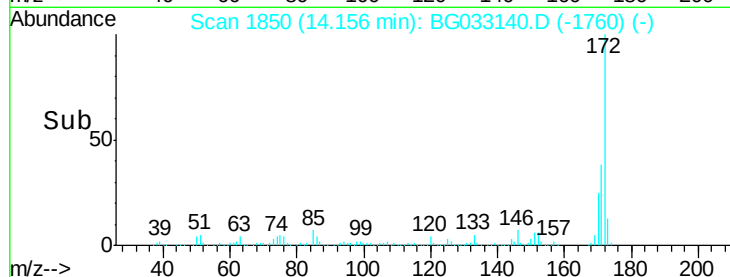
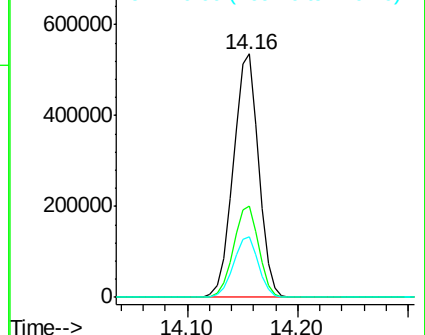
170 25.0 19.5 29.3



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. -0.01 min

Lab File: BG033140.D

Acq: 14 Mar 2018 7:14

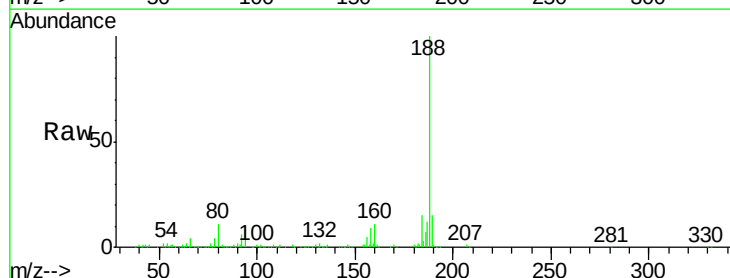
Tgt Ion:188 Resp: 238255

Ion Ratio Lower Upper

188 100

94 9.4 6.9 10.3

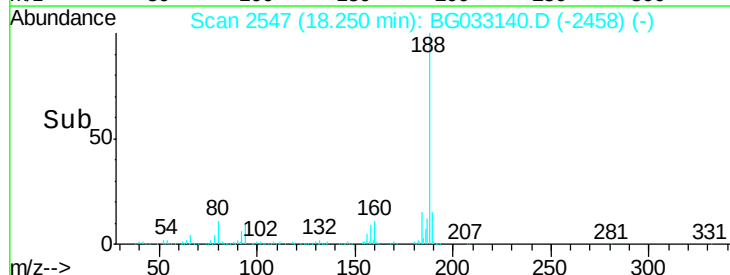
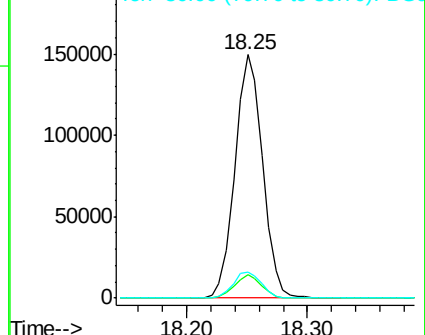
80 10.8 7.7 11.5

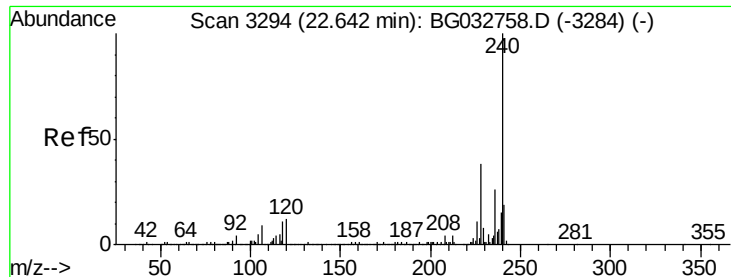


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG033140.D

Acq: 14 Mar 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-12-COMP

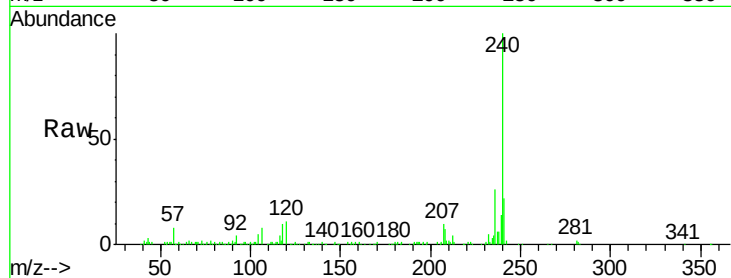
Tot Ion:240 Resp: 218528

Ion Ratio Lower Upper

240 100

120 11.2 6.8 10.2#

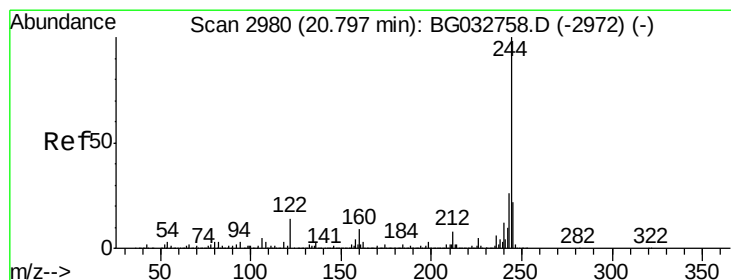
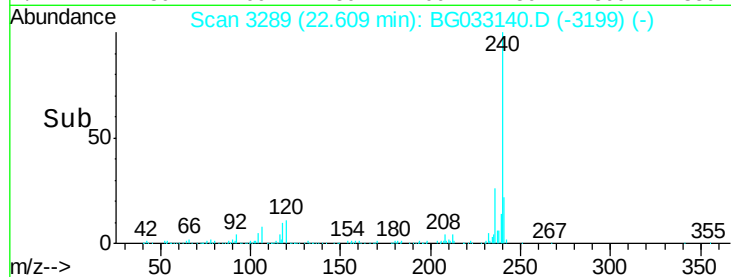
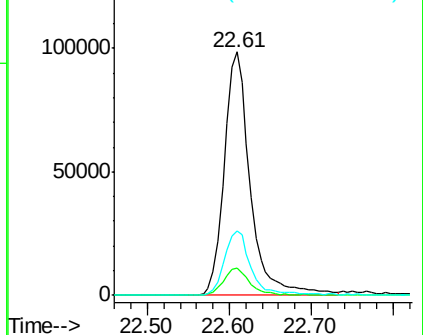
236 26.3 20.9 31.3



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: 127.107 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033140.D

Acq: 14 Mar 2018 7:14

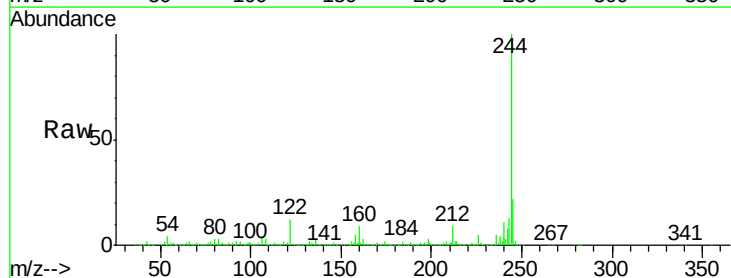
Tgt Ion:244 Resp: 1236305

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

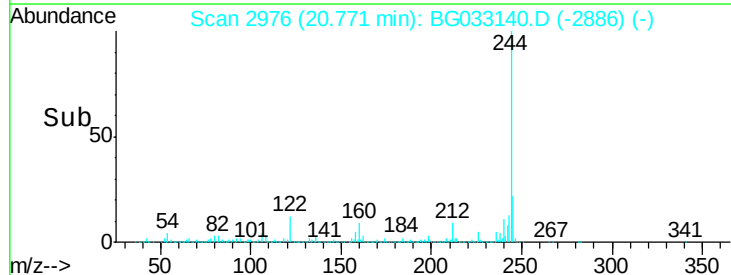
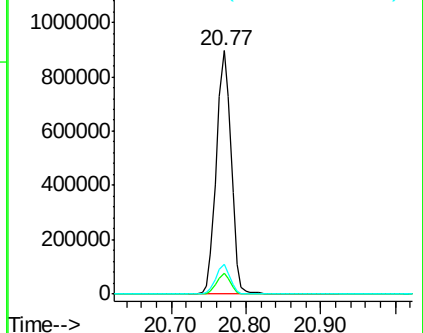
122 12.2 7.0 10.4#

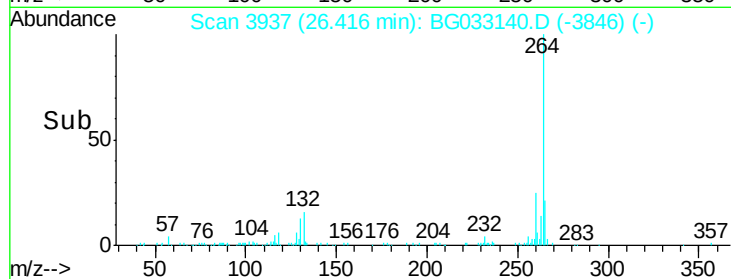
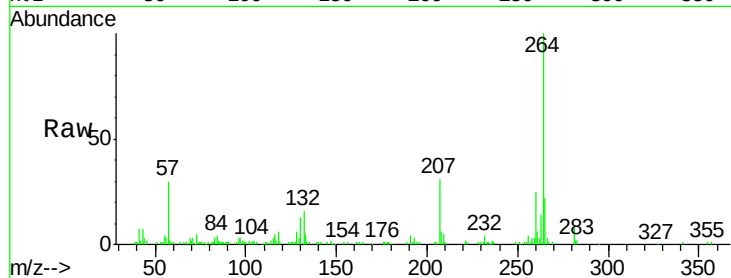
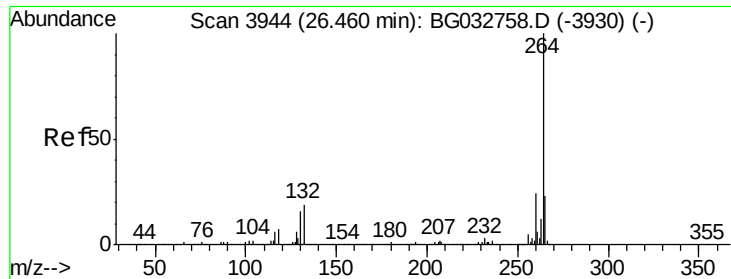


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3937
Delta R.T. 0.01 min
Lab File: BG033140.D
Acq: 14 Mar 2018 7:14

Instrument :
BNA_G
ClientSampleId :
TP-12-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	21.8	17.7	26.5

