

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033141.D
 Acq On : 14 Mar 2018 7:52
 Operator : SJ/JU
 Sample : J1898-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A-COMP

Quant Time: Mar 14 12:05:55 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

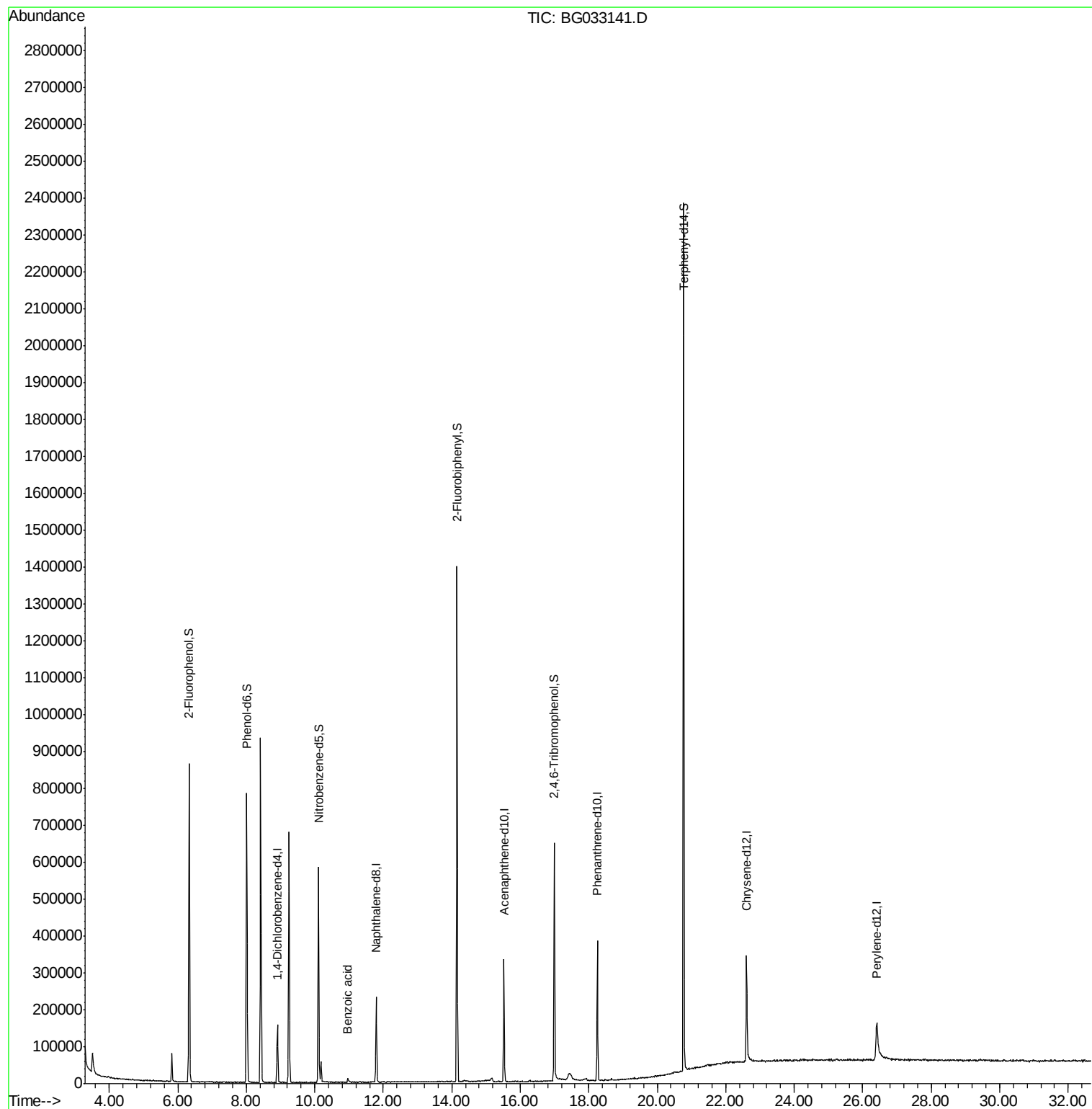
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	45753	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	198927	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	109097	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	233894	20.00	ng	0.00
75) Chrysene-d12	22.61	240	221105	20.00	ng	0.00
86) Perylene-d12	26.41	264	192151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	390950	136.70	ng	0.00
7) Phenol-d6	8.02	99	467314	117.23	ng	0.01
23) Nitrobenzene-d5	10.11	82	362479	121.62	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	119622	104.28	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	752068	99.42	ng	0.00
78) Terphenyl-d14	20.77	244	1087107	110.46	ng	0.00
Target Compounds						
32) Benzoic acid	10.97	122	5562	9.310	ng	Qvalue 86

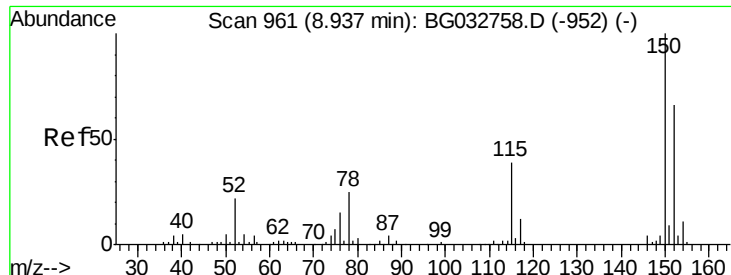
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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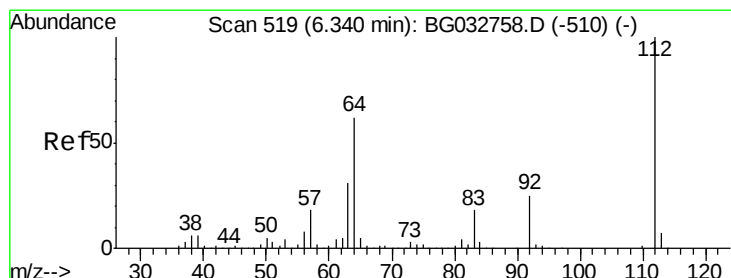
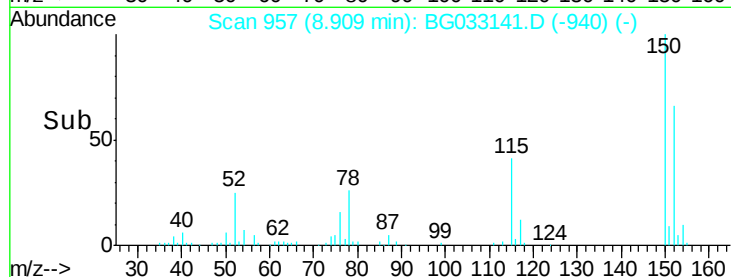
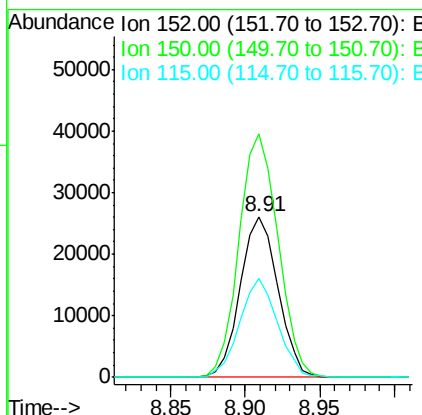
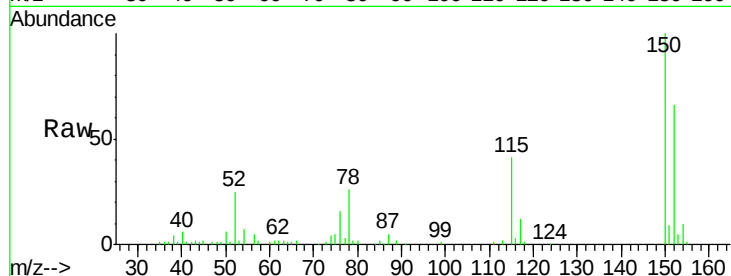


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :
TP-11A-COMP

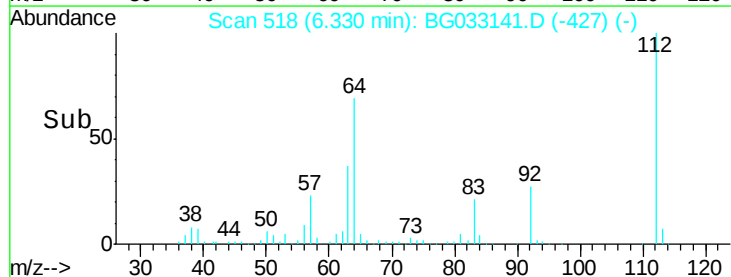
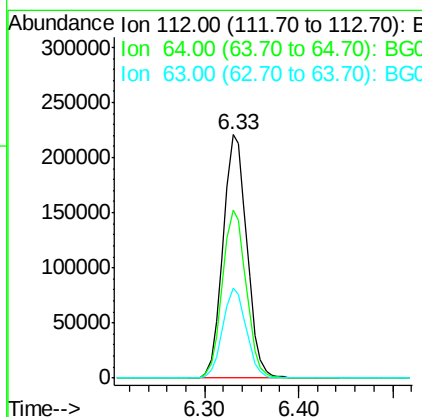
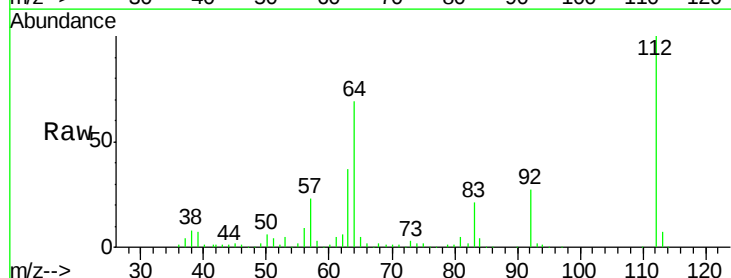
Tot Ion:152 Resp: 45753
Ion Ratio Lower Upper
152 100
150 151.4 126.6 189.8
115 61.7 53.0 79.4



#5

2-Fluorophenol
Concen: 136.704 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:112 Resp: 390950
Ion Ratio Lower Upper
112 100
64 69.1 56.3 84.5
63 37.0 30.1 45.1





#7

Phenol-d6

Concen: 117.233 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033141.D

Acq: 14 Mar 2018 7:52

Instrument :

BNA_G

ClientSampleId :

TP-11A-COMP

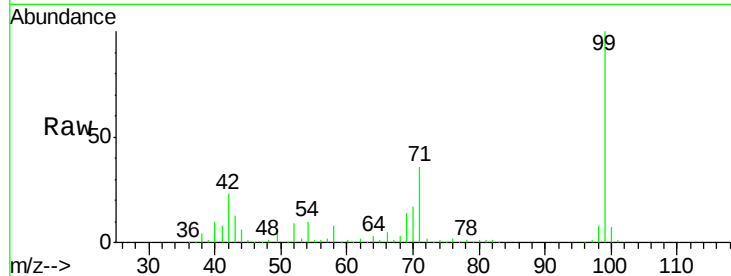
Tot Ion: 99 Resp: 467314

Ion Ratio Lower Upper

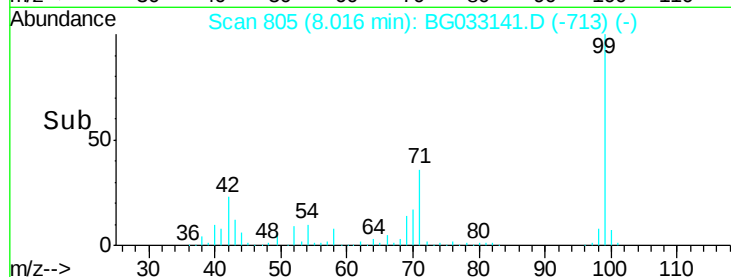
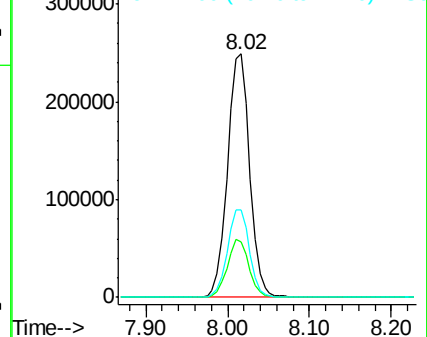
99 100

42 22.7 14.1 21.1#

71 35.8 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: BG033141.D

Acq: 14 Mar 2018 7:52

Tgt Ion: 136 Resp: 198927

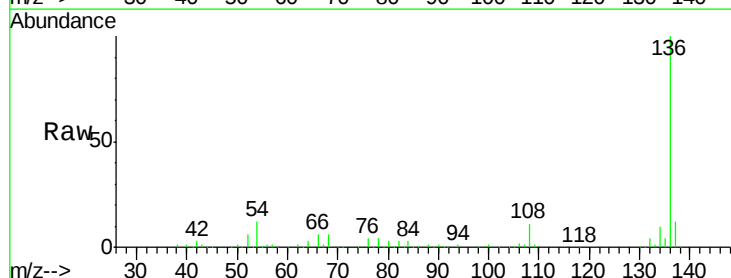
Ion Ratio Lower Upper

136 100

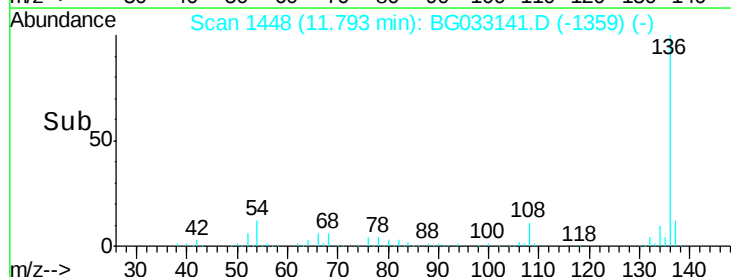
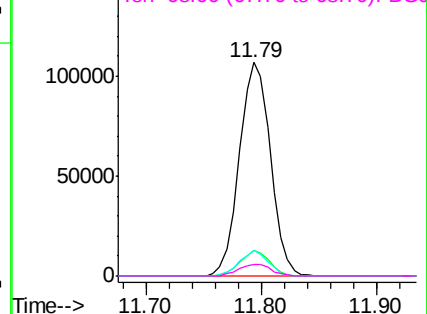
137 12.0 9.2 13.8

54 11.7 10.3 15.5

68 5.6 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

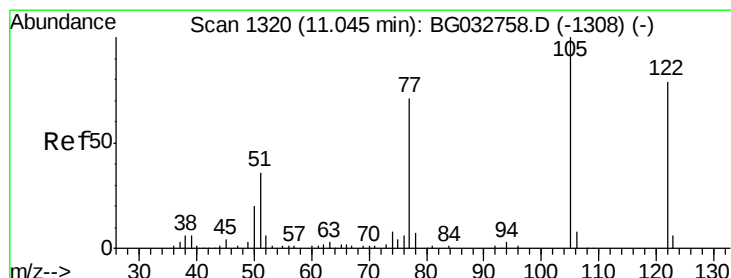
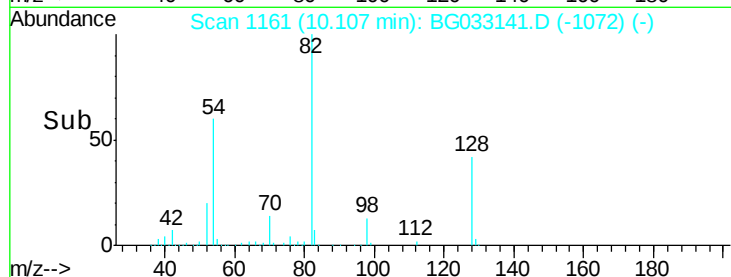
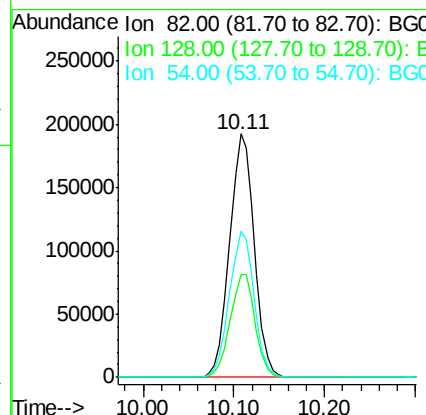
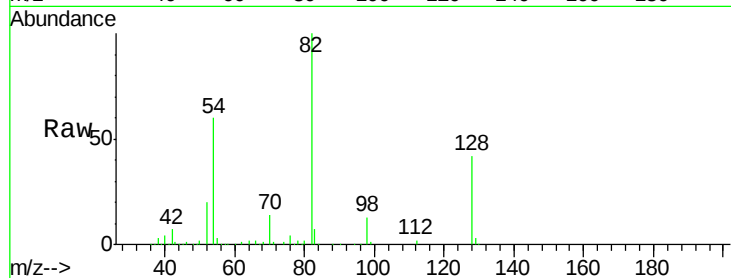




#23
 Nitrobenzene-d5
 Concen: 121.616 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033141.D
 Acq: 14 Mar 2018 7:52

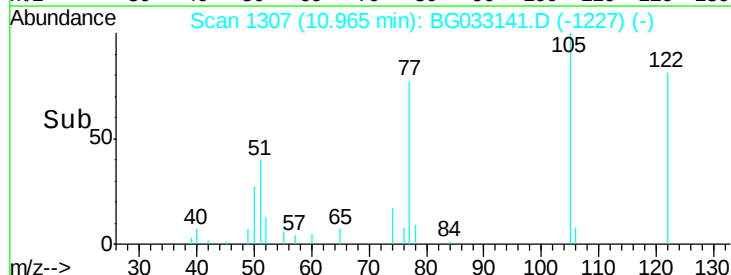
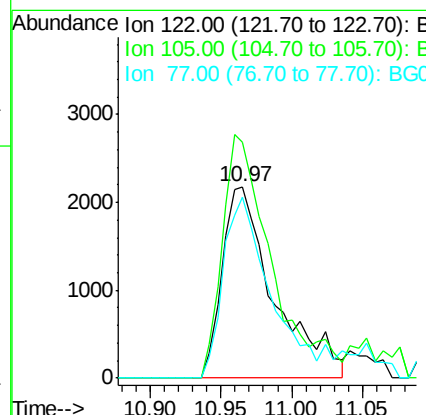
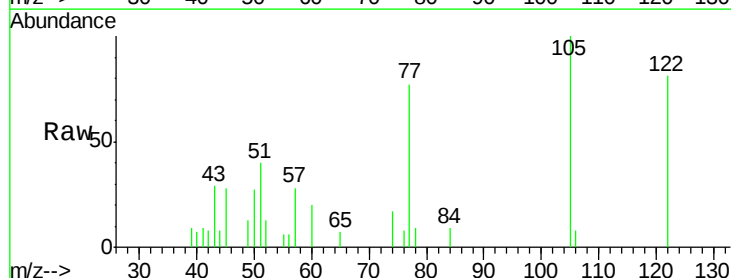
Instrument :
 BNA_G
 ClientSampleId :
 TP-11A-COMP

Tot Ion	82	Resp	362479
Ion	Ratio	Lower	Upper
82	100		
128	42.4	29.7	44.5
54	60.2	43.1	64.7



#32
 Benzoic acid
 Concen: 9.310 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.06 min
 Lab File: BG033141.D
 Acq: 14 Mar 2018 7:52

Tgt Ion	122	Resp	5562
Ion	Ratio	Lower	Upper
122	100		
105	123.6	123.5	163.5
77	94.8	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: BG033141.D

Acq: 14 Mar 2018 7:52

Instrument :

BNA_G

ClientSampleId :

TP-11A-COMP

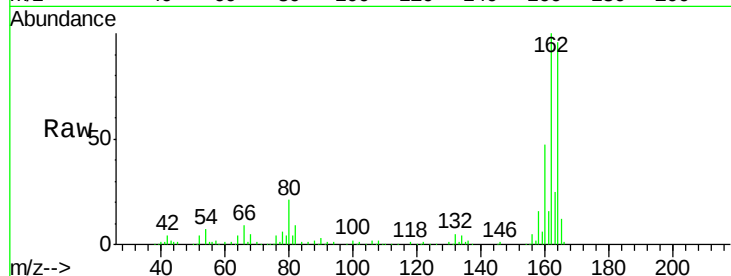
Tot Ion:164 Resp: 109097

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

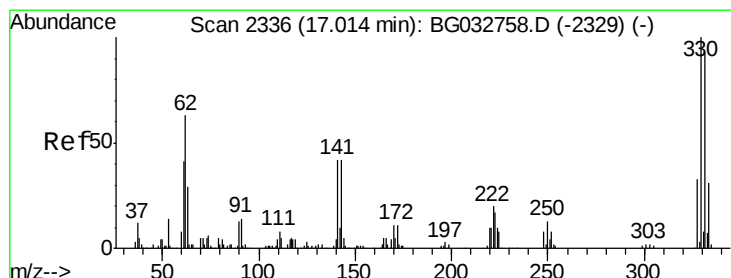
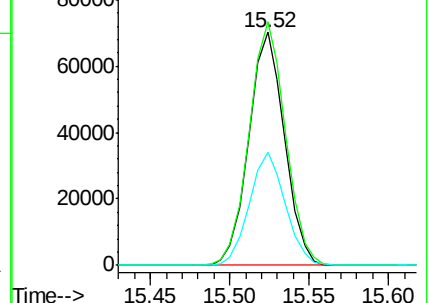
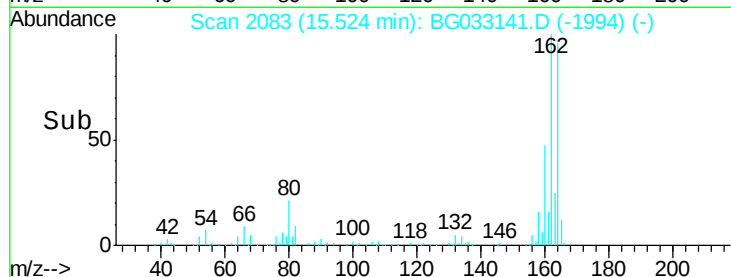
160 48.8 35.4 53.0



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: 104.281 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BG033141.D

Acq: 14 Mar 2018 7:52

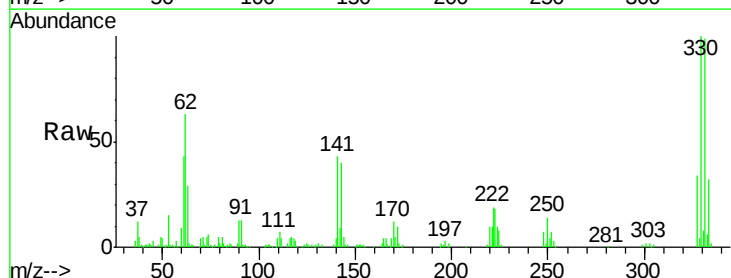
Tgt Ion:330 Resp: 119622

Ion Ratio Lower Upper

330 100

332 99.2 77.0 115.6

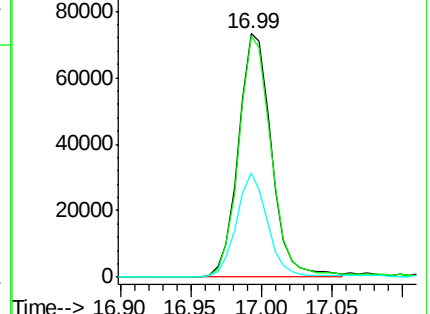
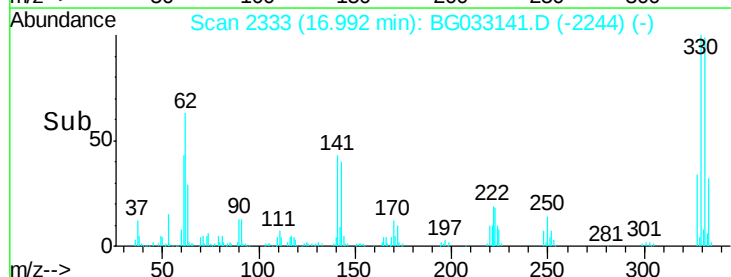
141 40.7 25.2 37.8#



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

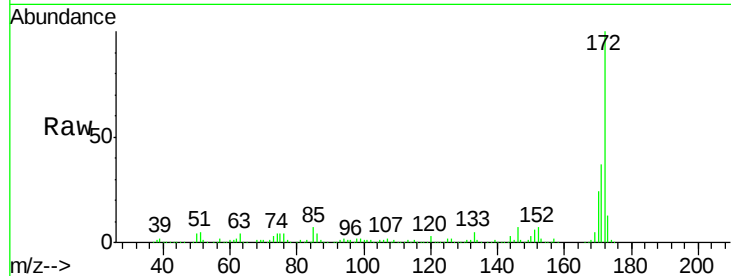




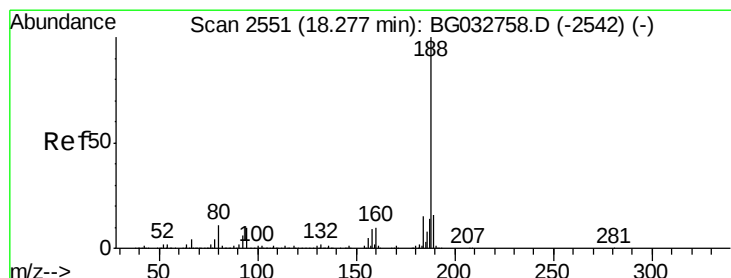
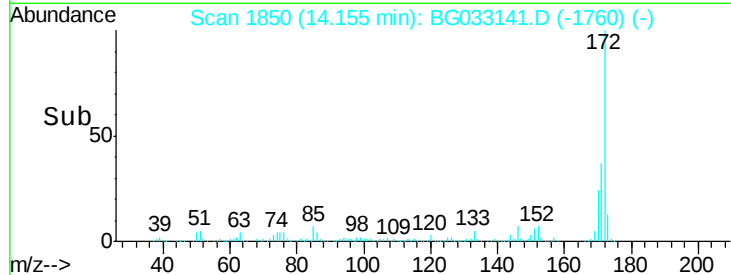
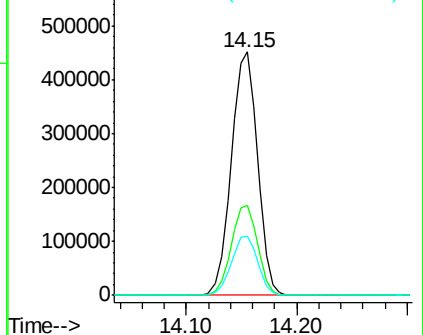
#44
 2-Fluorobiphenyl
 Concen: 99.423 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG033141.D
 Acq: 14 Mar 2018 7:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-11A-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.3	19.5	29.3

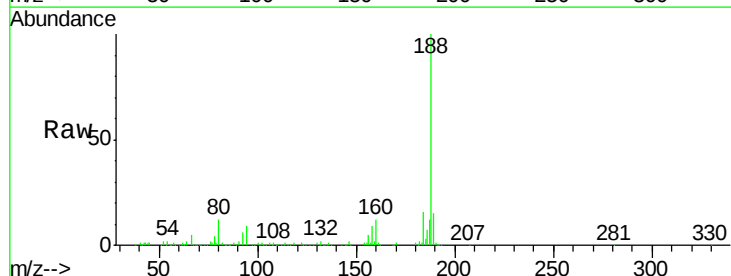


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

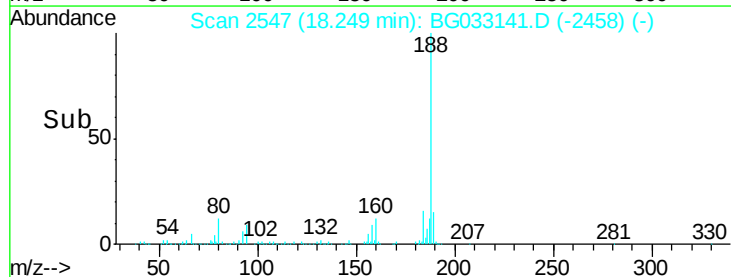
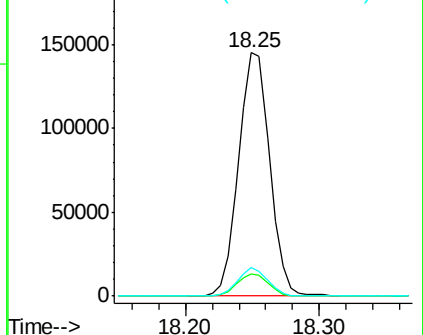


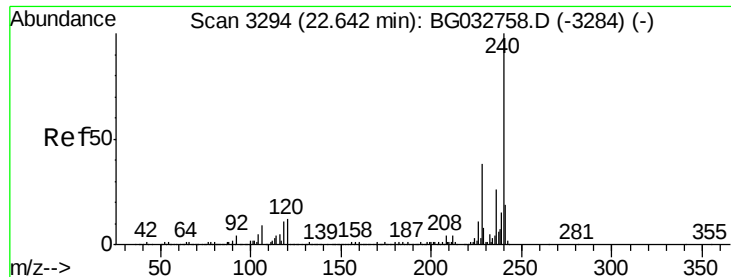
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BG033141.D
 Acq: 14 Mar 2018 7:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	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): BG
 Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033141.D

Acq: 14 Mar 2018 7:52

Instrument :

BNA_G

ClientSampleId :

TP-11A-COMP

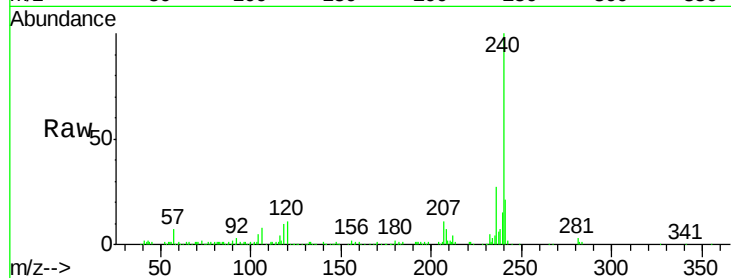
Tot Ion:240 Resp: 221105

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

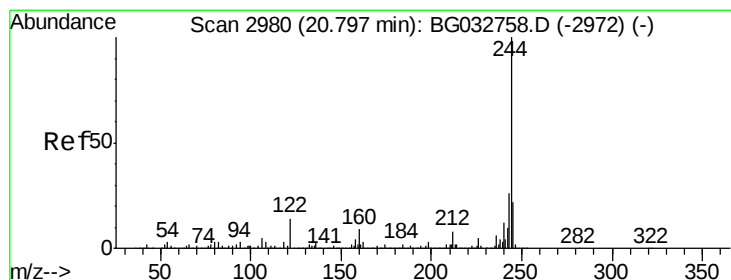
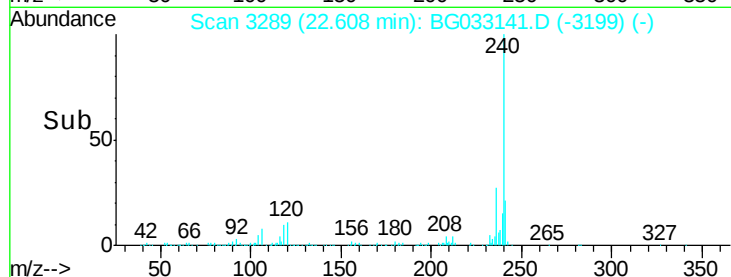
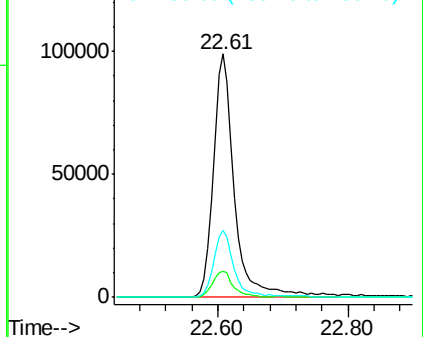
236 27.5 20.9 31.3



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: 110.465 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033141.D

Acq: 14 Mar 2018 7:52

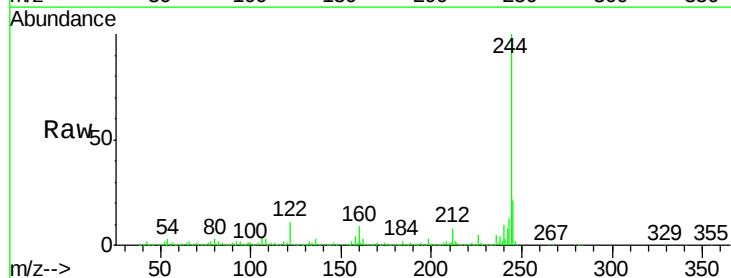
Tgt Ion:244 Resp: 1087107

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

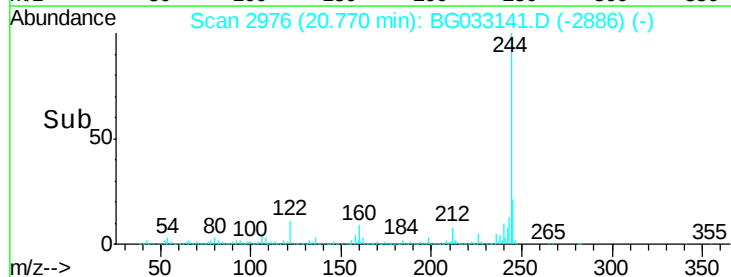
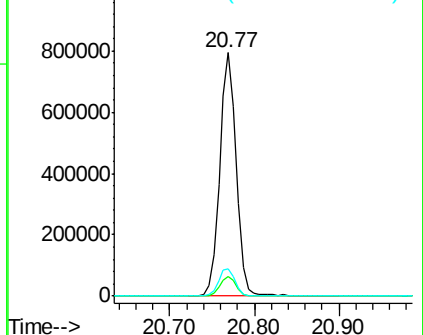
122 11.4 7.0 10.4#

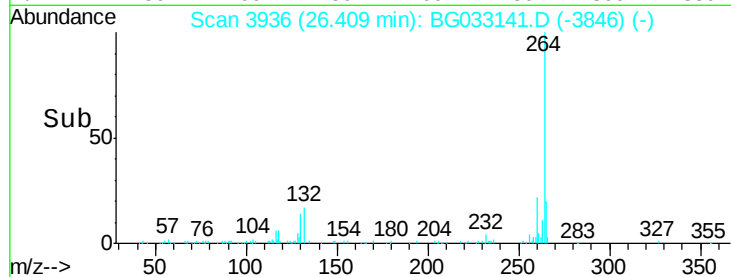
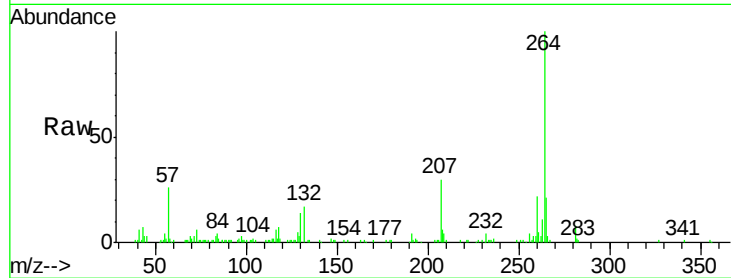
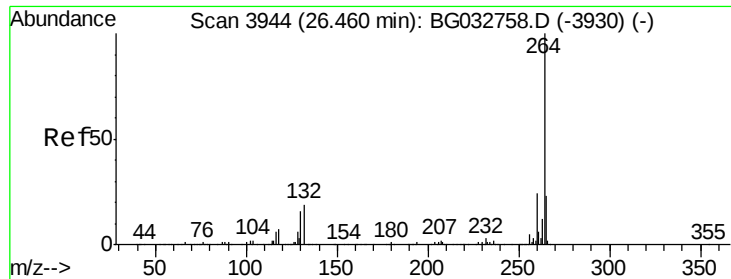


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. -0.00 min

Lab File: BG033141.D

Acq: 14 Mar 2018 7:52

Instrument :

BNA_G

ClientSampleId :

TP-11A-COMP

Tot Ion:264 Resp: 192151

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 21.0 17.7 26.5

