

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033137.D
 Acq On : 14 Mar 2018 5:21
 Operator : SJ/JU
 Sample : J1890-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM

Quant Time: Mar 14 11:58:20 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

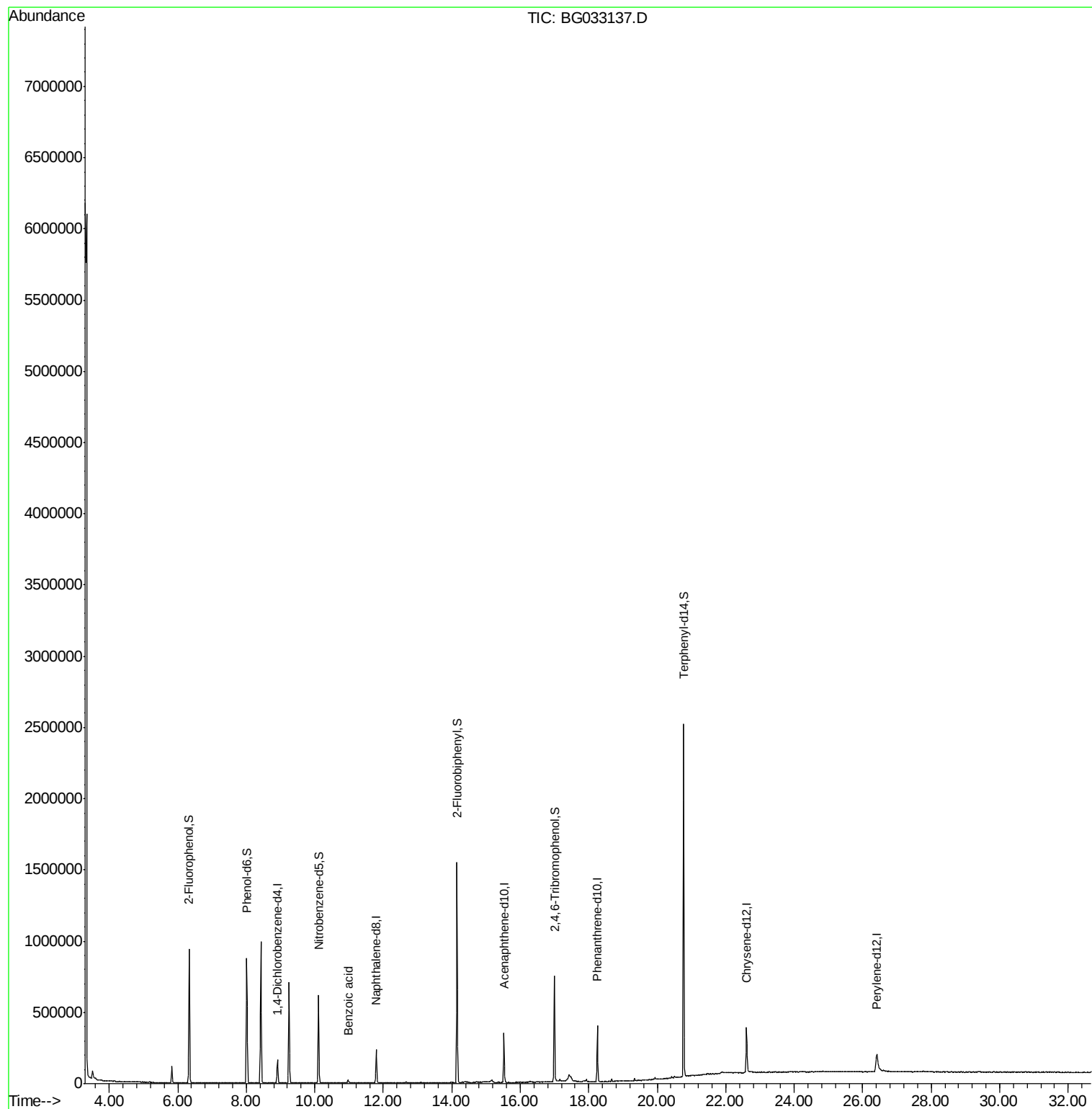
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	49409	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	213935	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	115550	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	245438	20.00	ng	0.00
75) Chrysene-d12	22.61	240	235210	20.00	ng	0.00
86) Perylene-d12	26.41	264	222264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	424918	137.59	ng	0.01
7) Phenol-d6	8.02	99	525176	122.00	ng	0.01
23) Nitrobenzene-d5	10.11	82	383676	119.85	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	146233	120.36	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	783803	97.83	ng	0.00
78) Terphenyl-d14	20.77	244	1120641	107.04	ng	0.00
Target Compounds						
32) Benzoic acid	10.97	122	10387	11.753	ng	Qvalue # 83

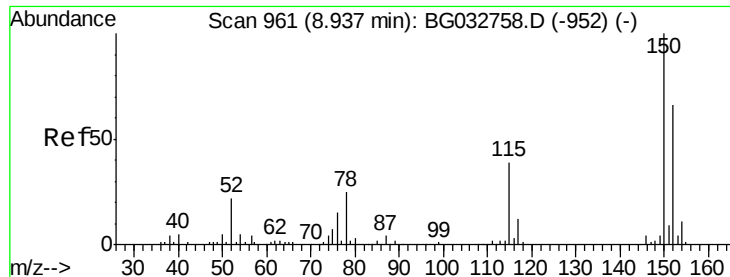
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 11:58:20 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



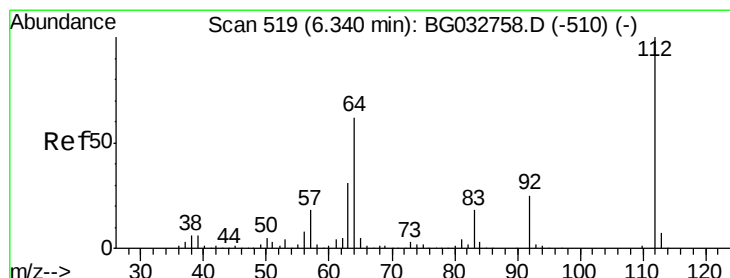
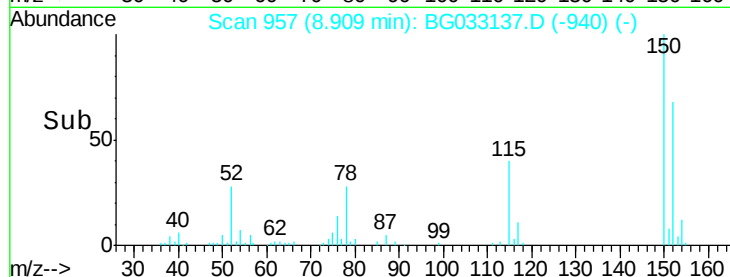
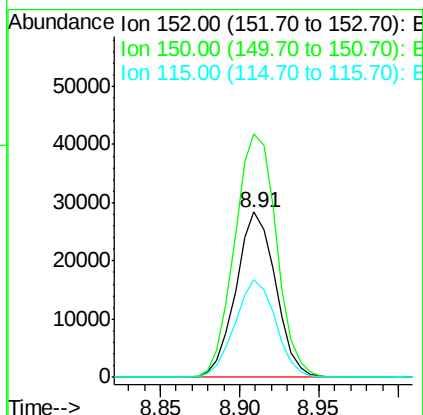
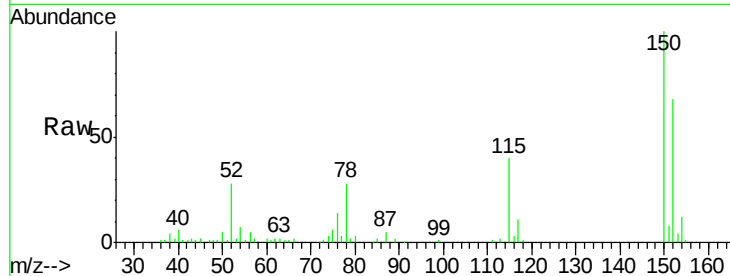


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033137.D
Acq: 14 Mar 2018 5:21

Instrument :
BNA_G
ClientSampleId :
DRUM

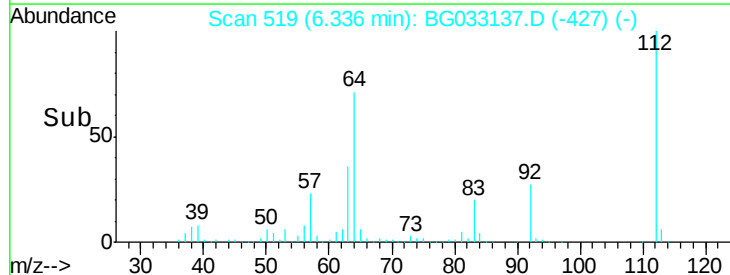
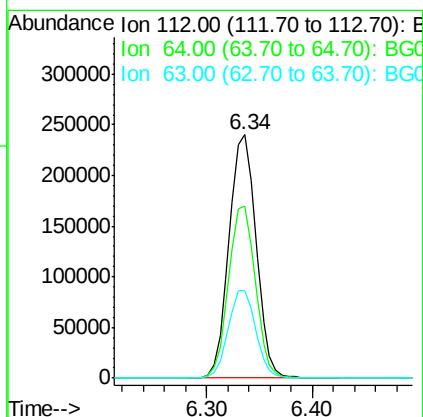
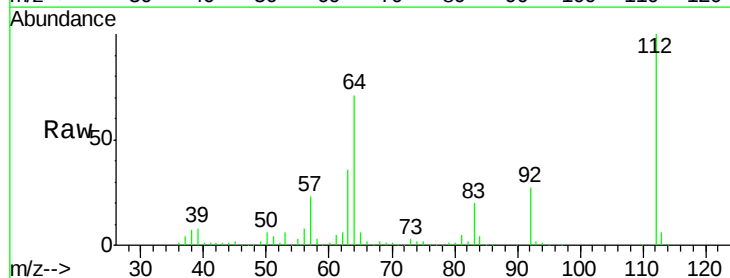
Tot Ion:152 Resp: 49409
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 58.9 53.0 79.4

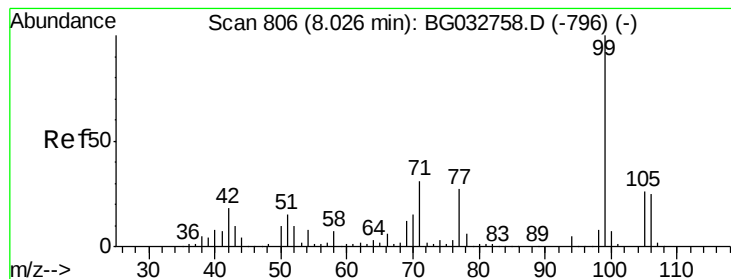


#5

2-Fluorophenol
Concen: 137.588 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG033137.D
Acq: 14 Mar 2018 5:21

Tgt Ion:112 Resp: 424918
Ion Ratio Lower Upper
112 100
64 70.8 56.3 84.5
63 35.9 30.1 45.1





#7

Phenol-d6

Concen: 122.000 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033137.D

Acq: 14 Mar 2018 5:21

Instrument :

BNA_G

ClientSampleId :

DRUM

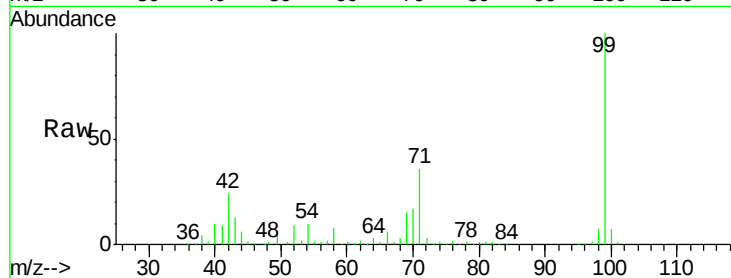
Tot Ion: 99 Resp: 525176

Ion Ratio Lower Upper

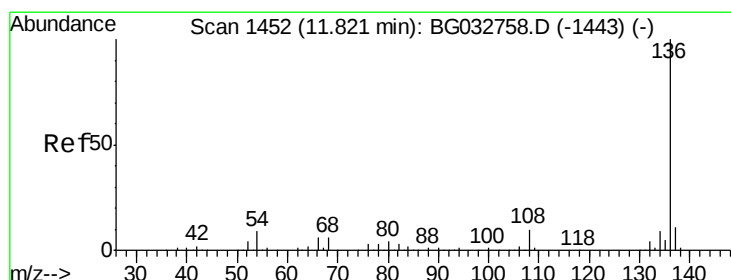
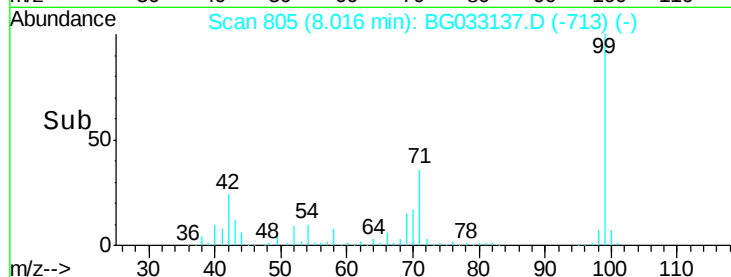
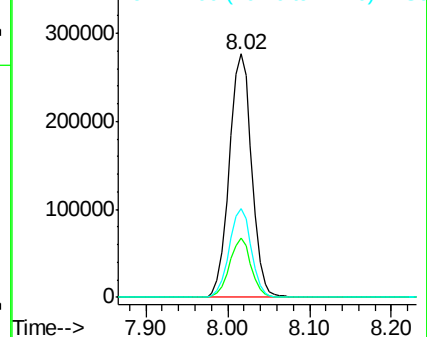
99 100

42 24.2 14.1 21.1#

71 36.4 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: BG033137.D

Acq: 14 Mar 2018 5:21

Tgt Ion: 136 Resp: 213935

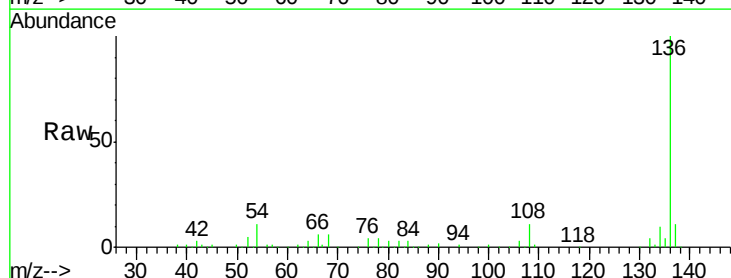
Ion Ratio Lower Upper

136 100

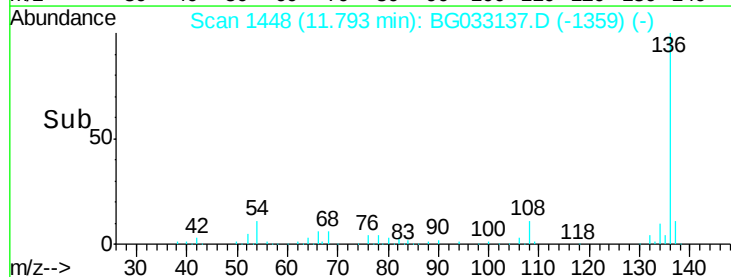
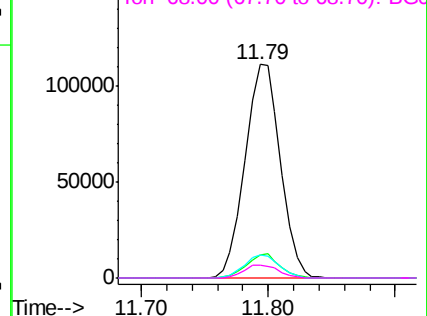
137 10.6 9.2 13.8

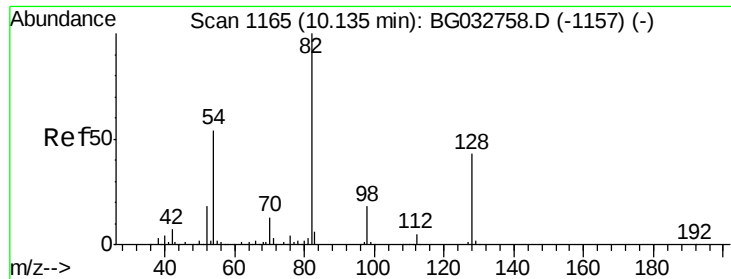
54 10.9 10.3 15.5

68 6.1 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

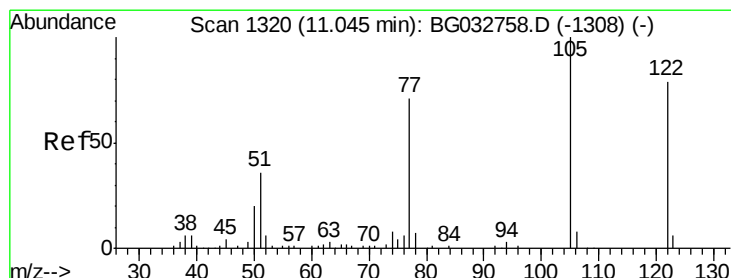
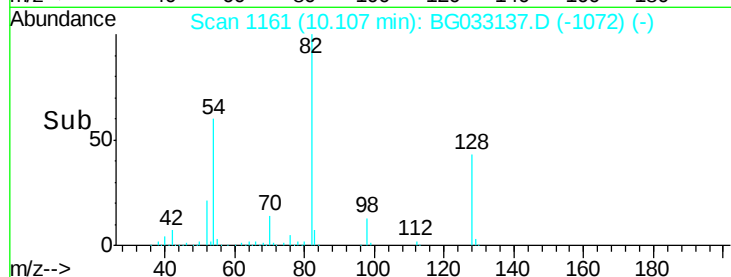
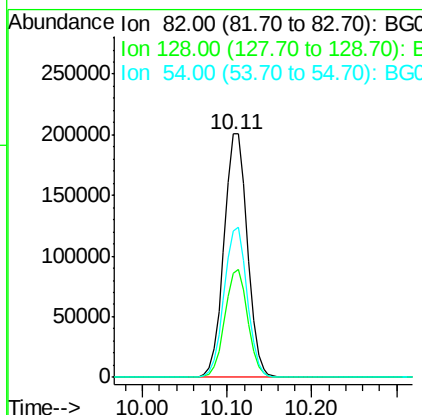
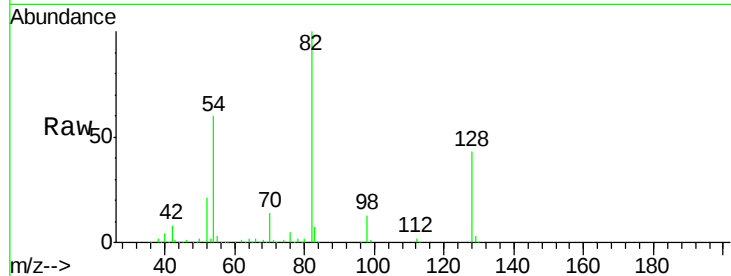




#23
Nitrobenzene-d5
Concen: 119.854 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033137.D
Acq: 14 Mar 2018 5:21

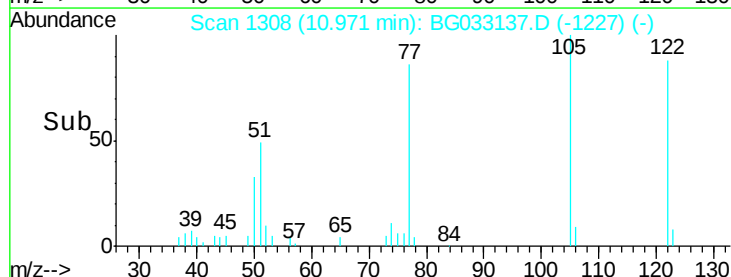
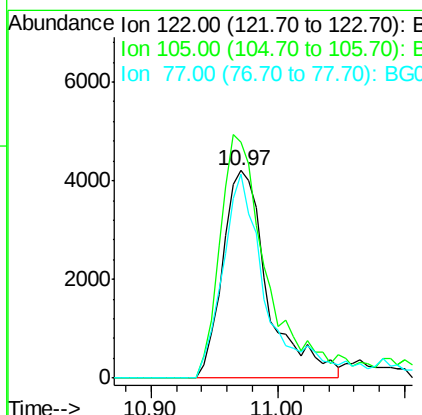
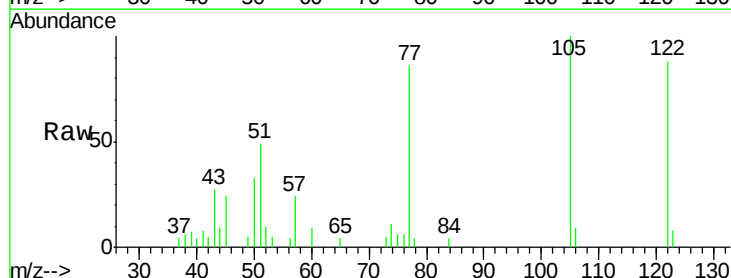
Instrument :
BNA_G
ClientSampleId :
DRUM

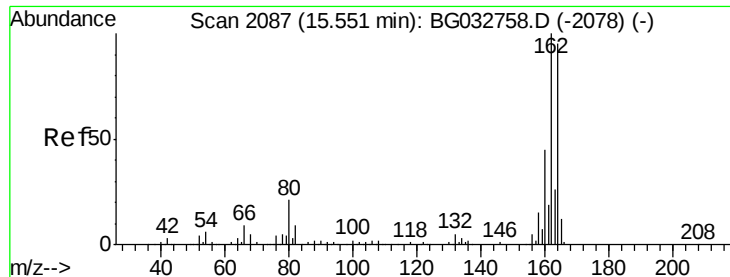
Tot Ion	82	Resp	383676
Ion Ratio	Lower	Upper	
82	100		
128	42.6	29.7	44.5
54	60.3	43.1	64.7



#32
Benzoic acid
Concen: 11.753 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.05 min
Lab File: BG033137.D
Acq: 14 Mar 2018 5:21

Tgt Ion	122	Resp	10387
Ion Ratio	Lower	Upper	
122	100		
105	113.8	123.5	163.5#
77	98.4	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: BG033137.D

Acq: 14 Mar 2018 5:21

Instrument :

BNA_G

ClientSampleId :

DRUM

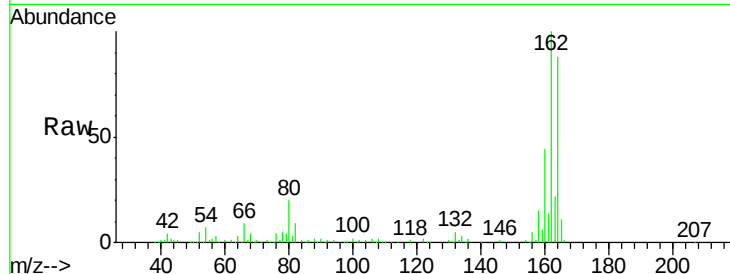
Tot Ion:164 Resp: 115550

Ion Ratio Lower Upper

164 100

162 113.2 78.8 118.2

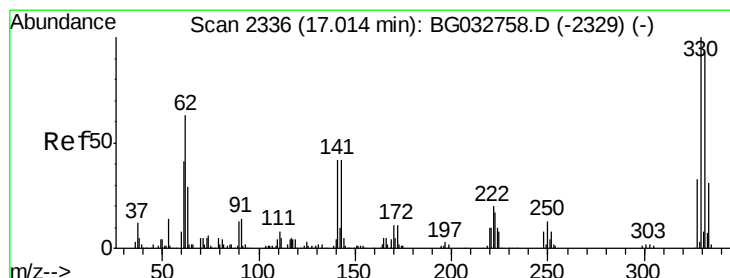
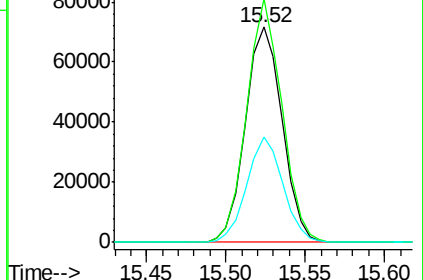
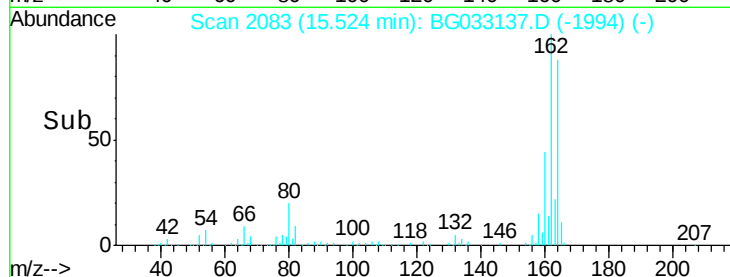
160 49.3 35.4 53.0



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: 120.359 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BG033137.D

Acq: 14 Mar 2018 5:21

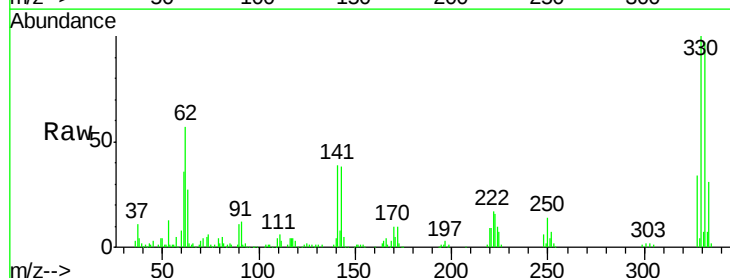
Tgt Ion:330 Resp: 146233

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

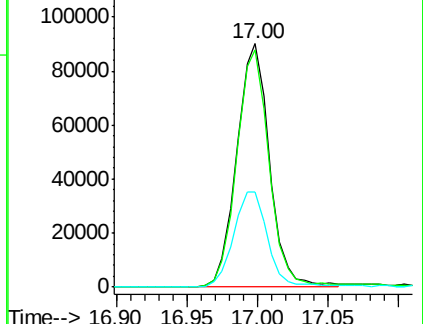
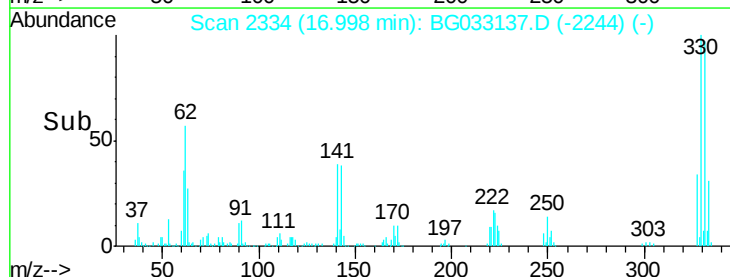
141 41.1 25.2 37.8#

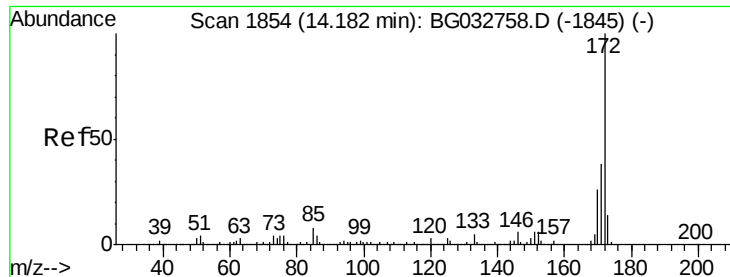


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

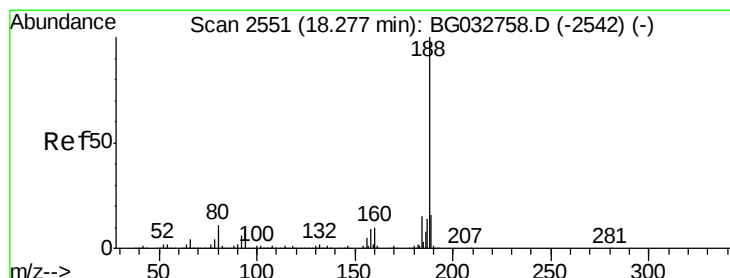
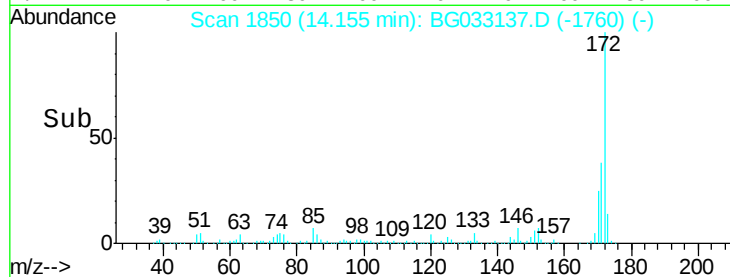
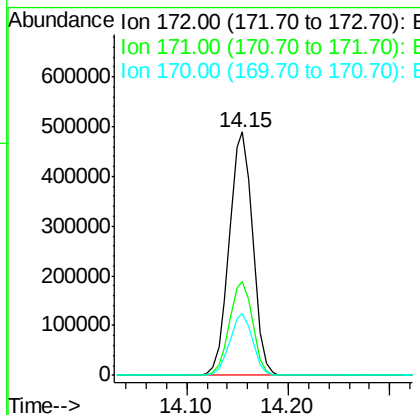
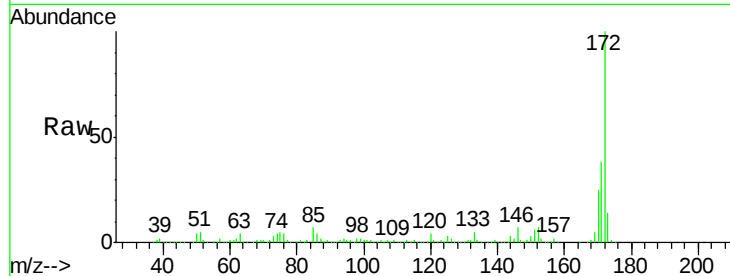




#44
 2-Fluorobiphenyl
 Concen: 97.831 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG033137.D
 Acq: 14 Mar 2018 5:21

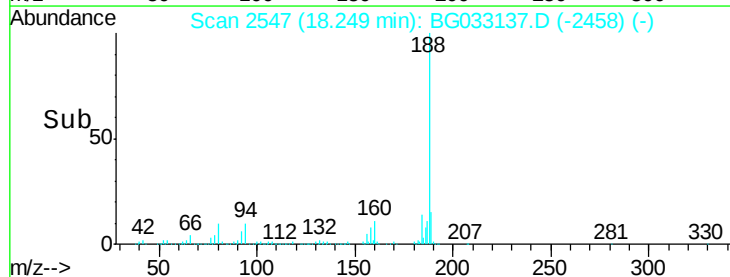
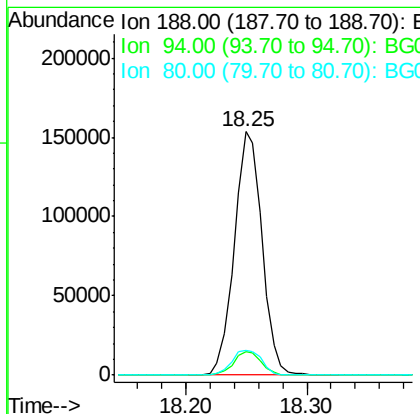
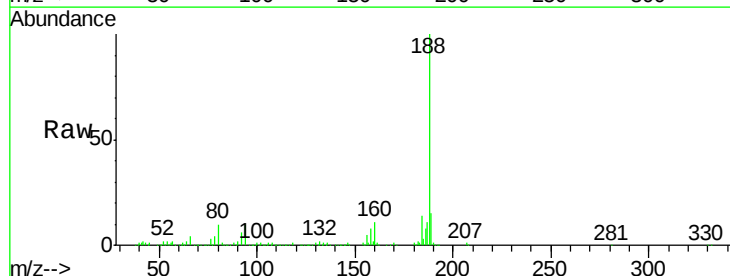
Instrument :
 BNA_G
 ClientSampleId :
 DRUM

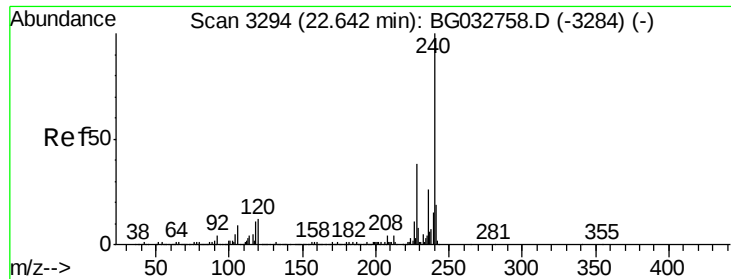
Tot Ion:172 Resp: 783803
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 25.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BG033137.D
 Acq: 14 Mar 2018 5:21

Tgt Ion:188 Resp: 245438
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.9 10.3
 80 10.2 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033137.D

Acq: 14 Mar 2018 5:21

Instrument :

BNA_G

ClientSampleId :

DRUM

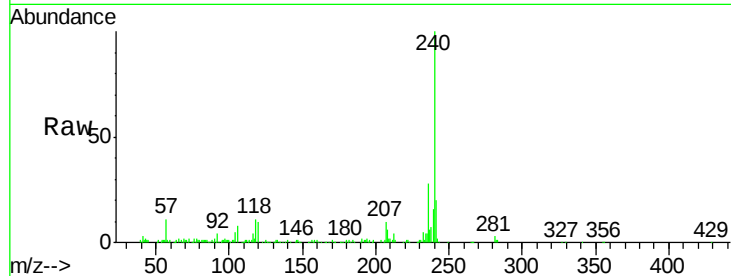
Tot Ion:240 Resp: 235210

Ion Ratio Lower Upper

240 100

120 10.1 6.8 10.2

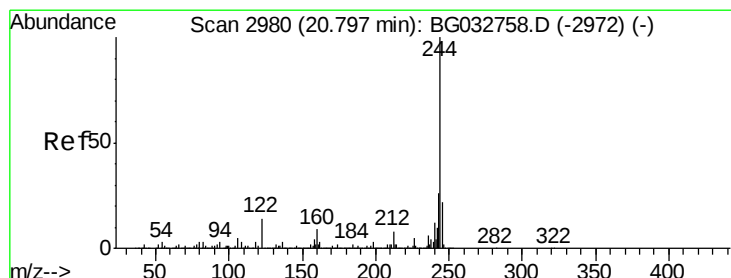
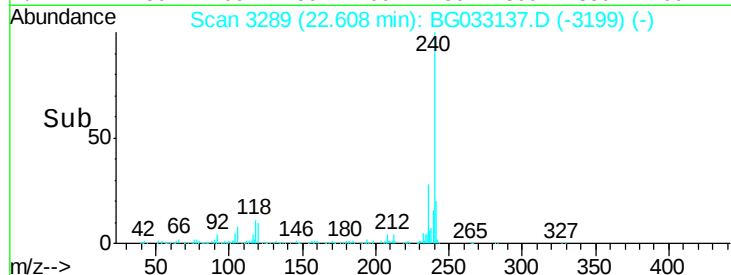
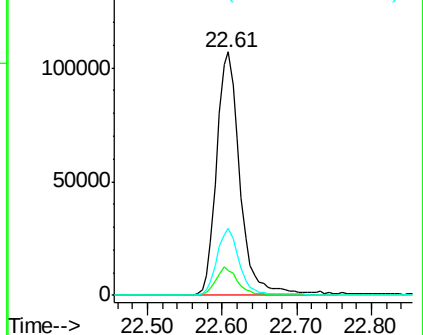
236 27.7 20.9 31.3



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: 107.044 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033137.D

Acq: 14 Mar 2018 5:21

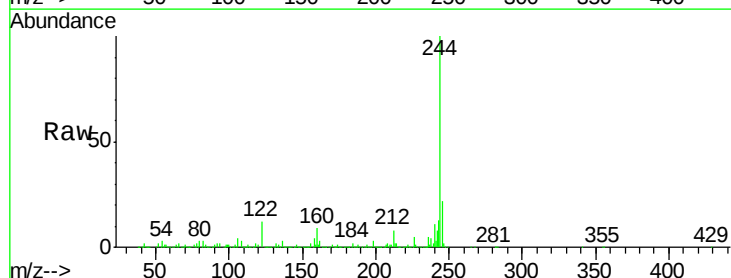
Tgt Ion:244 Resp: 1120641

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

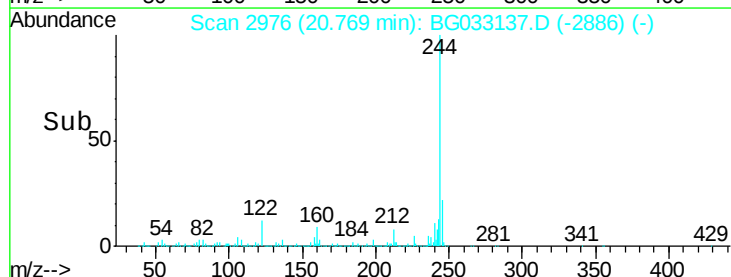
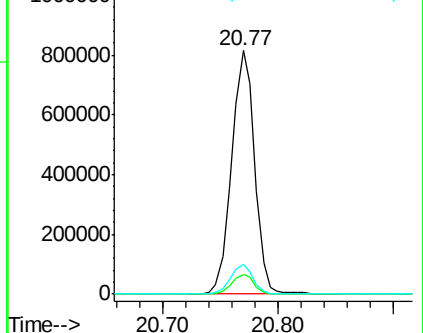
122 12.2 7.0 10.4#

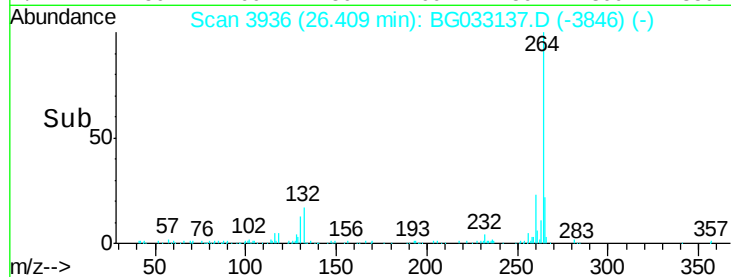
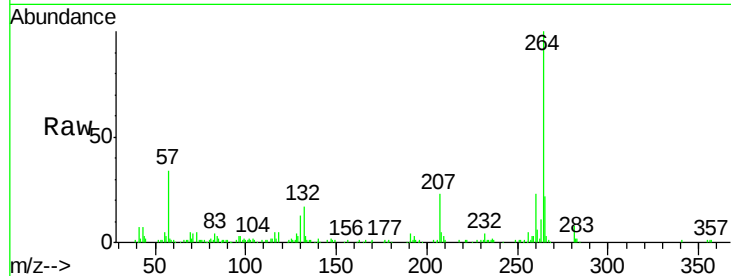
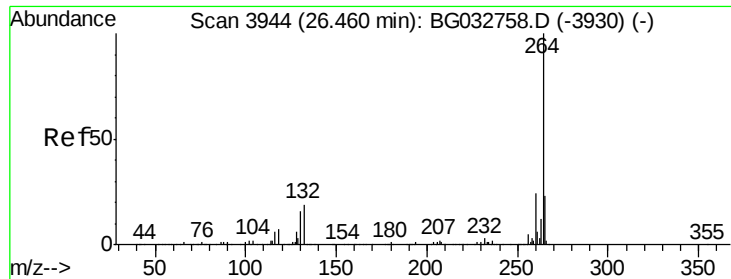


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.41 min Scan# 3936

Delta R.T. -0.00 min

Lab File: BG033137.D

Acq: 14 Mar 2018 5:21

Instrument :

BNA_G

ClientSampleId :

DRUM

Tot Ion:264 Resp: 222264

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 22.3 17.7 26.5

