

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033281.D
 Acq On : 21 Mar 2018 00:50
 Operator : SJ/JU
 Sample : J1755-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 03:29:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

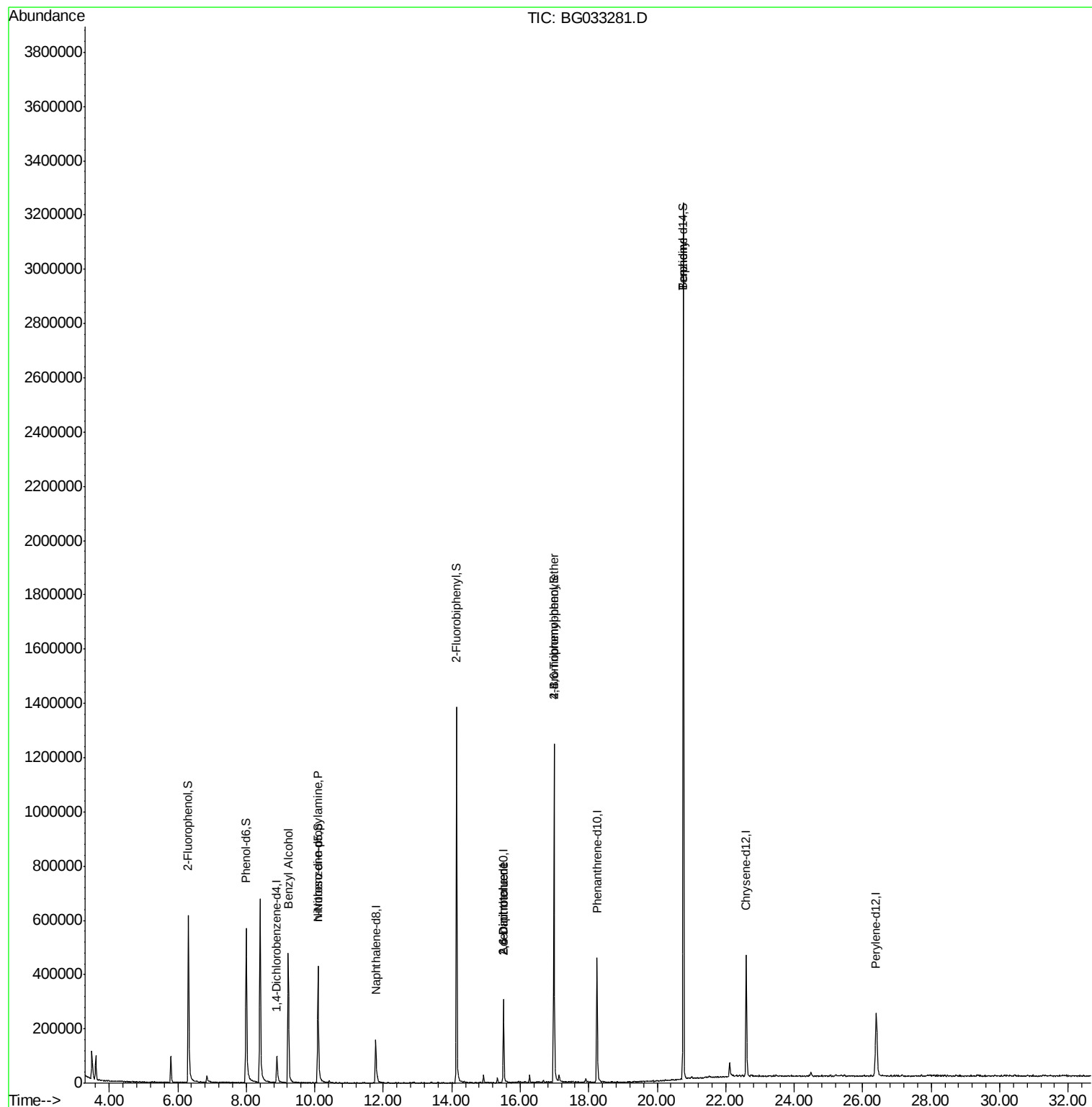
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38011	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	158157	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	121783	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	336338	20.00	ng	0.00
75) Chrysene-d12	22.60	240	332230	20.00	ng	0.00
86) Perylene-d12	26.39	264	342210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	303240	149.59	ng	0.00
7) Phenol-d6	8.00	99	430972	123.74	ng	0.00
23) Nitrobenzene-d5	10.09	82	339288	98.56	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	265485	145.76	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	798483	94.65	ng	0.00
78) Terphenyl-d14	20.76	244	1579061	101.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5501	2.006	ng	# 49
19) n-Nitroso-di-n-propylamine	10.10	70	44783	17.547	ng	# 77
50) 2,6-Dinitrotoluene	15.51	165	15528	7.165	ng	# 21
56) 2,4-Dinitrotoluene	15.51	165	15659	4.908	ng	# 19
66) 4-Bromophenyl-phenylether	16.98	248	18851	4.772	ng	# 1
76) Benzidine	20.76	184	26015	2.887	ng	94

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

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Quant Time: Mar 21 03:29:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration



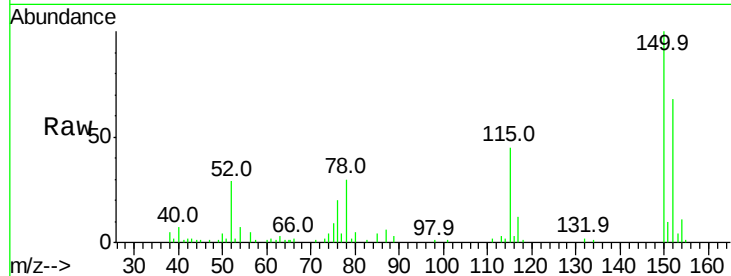


#1

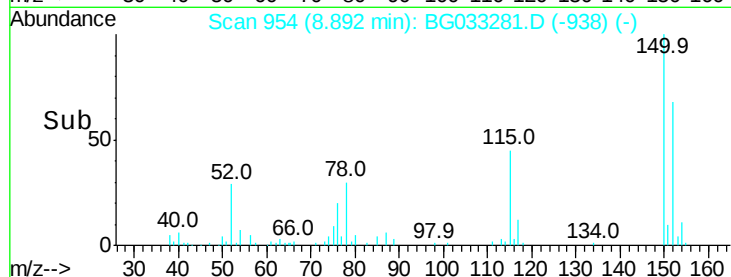
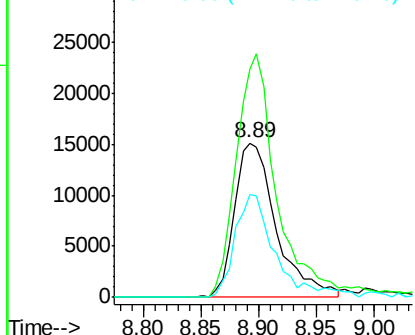
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38011
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 66.4 53.0 79.4



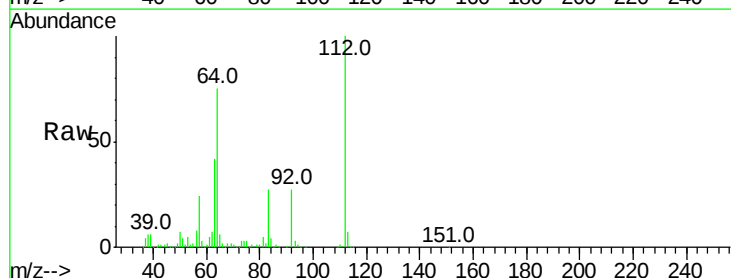
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



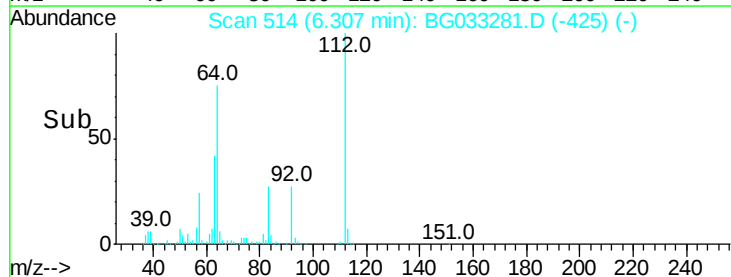
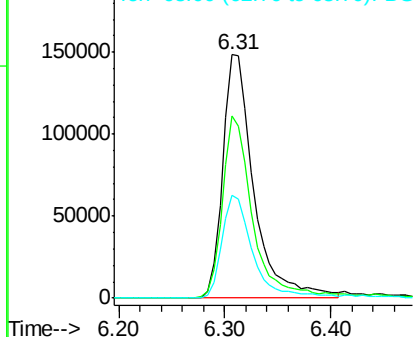
#5

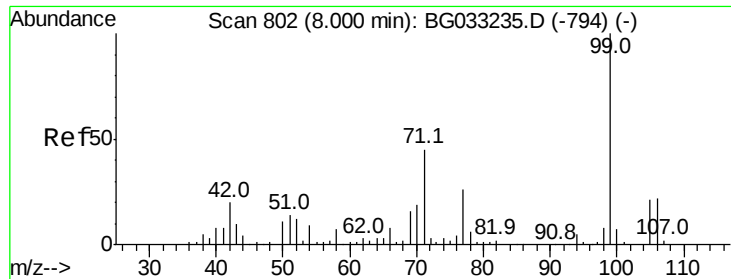
2-Fluorophenol
Concen: 149.591 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

Tgt Ion:112 Resp: 303240
Ion Ratio Lower Upper
112 100
64 75.0 56.3 84.5
63 42.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.735 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

Instrument :

BNA_G

ClientSampled :

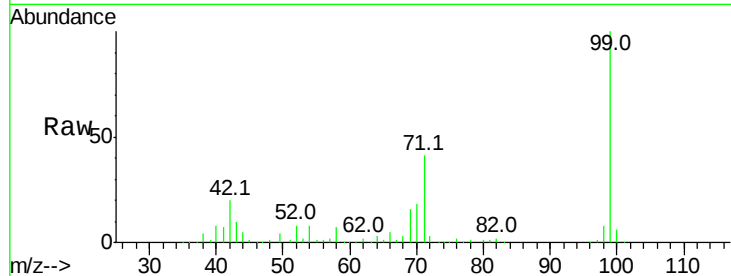
Tot Ion: 99 Resp: 430972

Ion Ratio Lower Upper

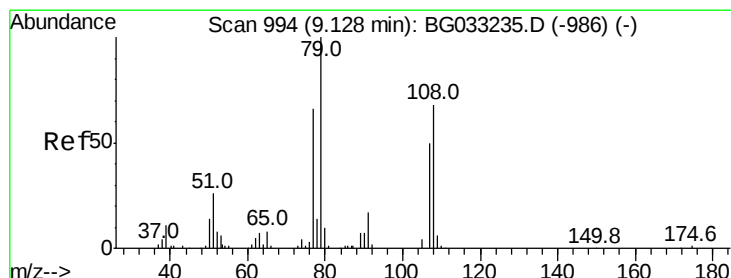
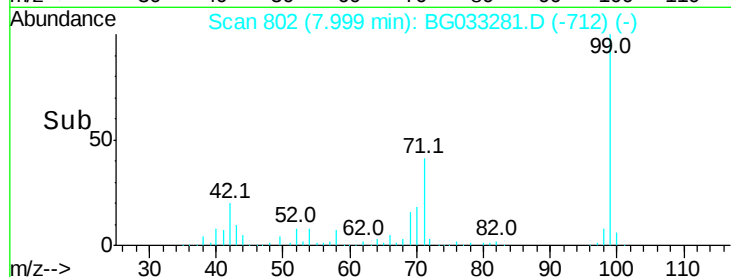
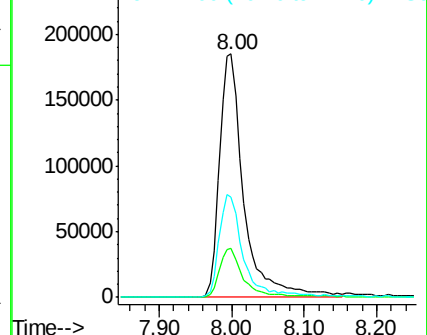
99 100

42 20.4 14.1 21.1

71 41.4 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



#15

Benzyl Alcohol

Concen: 2.006 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.10 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

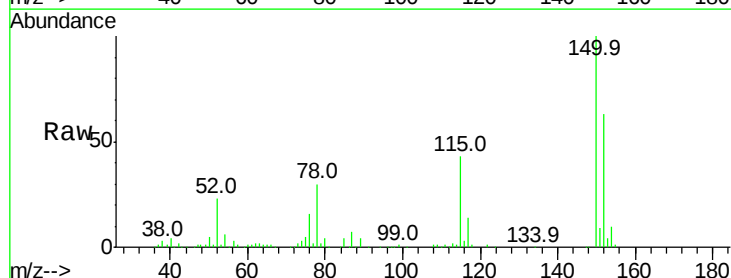
Tgt Ion: 79 Resp: 5501

Ion Ratio Lower Upper

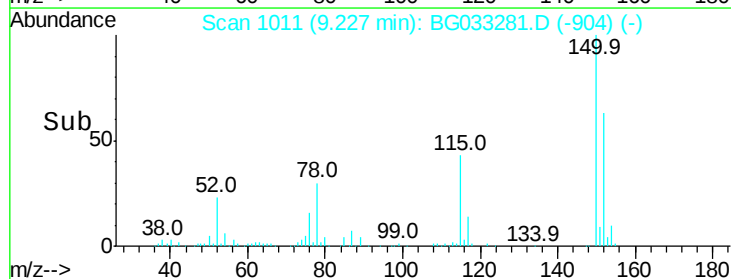
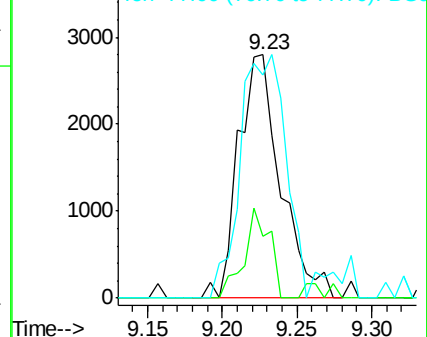
79 100

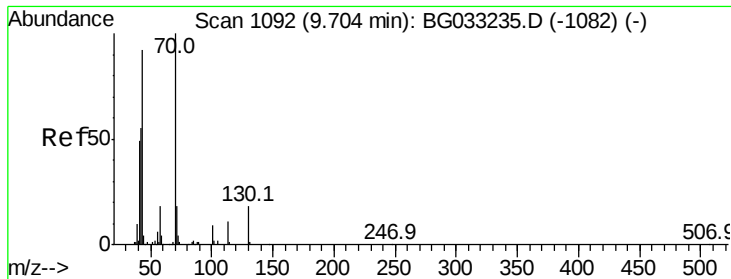
108 25.5 57.2 85.8#

77 91.7 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

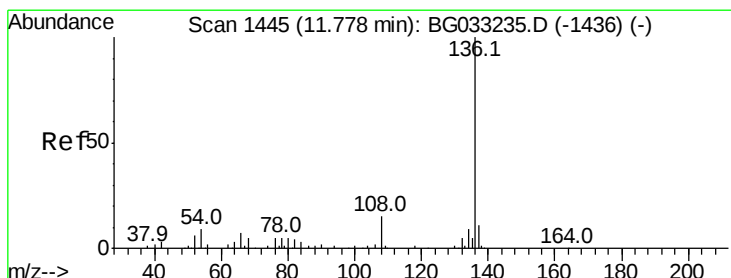
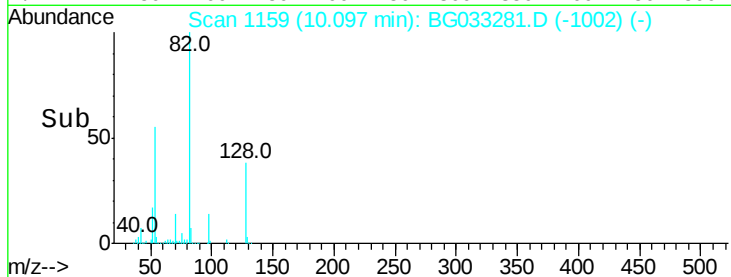
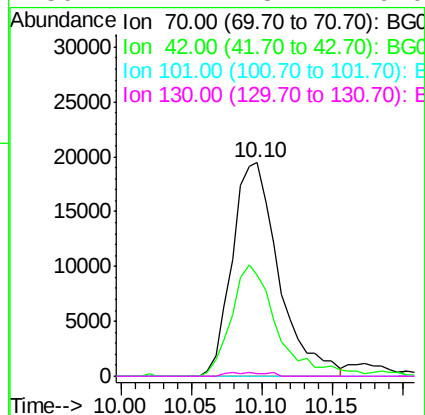
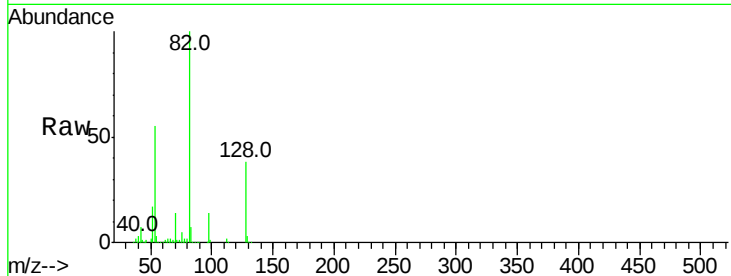




#19
n-Nitroso-di-n-propylamine
Concen: 17.547 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.39 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

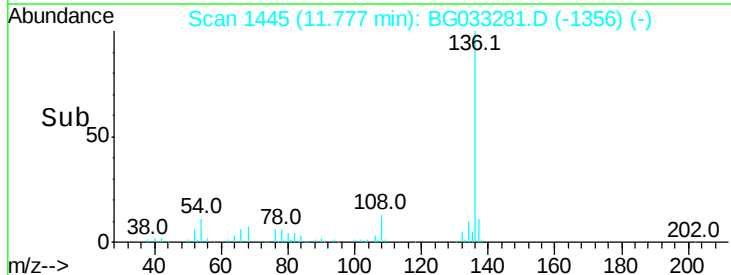
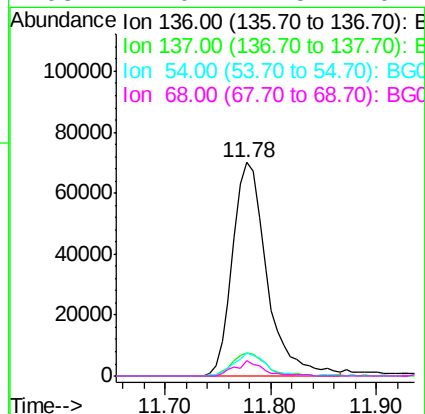
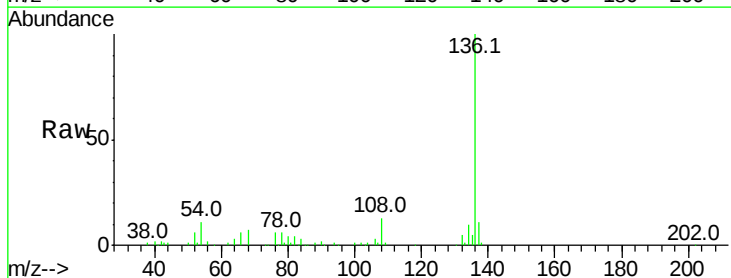
Instrument :
BNA_G
ClientSampleId :

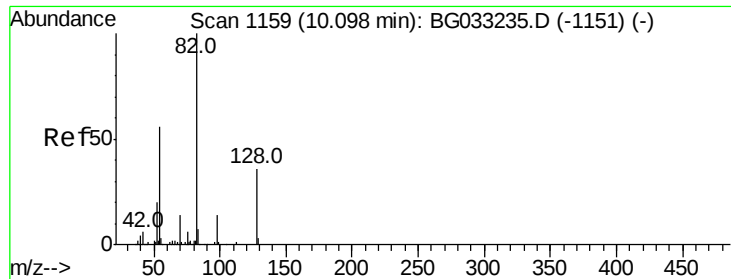
Tot Ion: 70 Resp: 44783
Ion Ratio Lower Upper
70 100
42 47.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

Tgt Ion: 136 Resp: 158157
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 10.9 10.3 15.5
68 7.0 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 98.562 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

Instrument :

BNA_G

ClientSampleId :

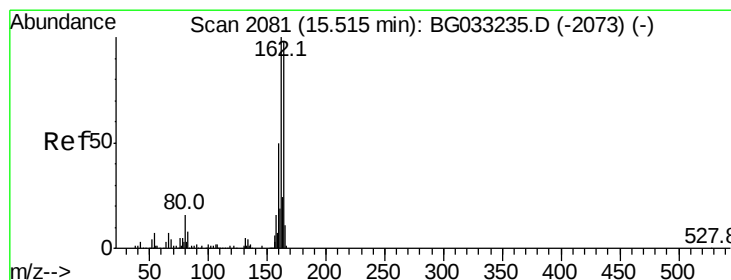
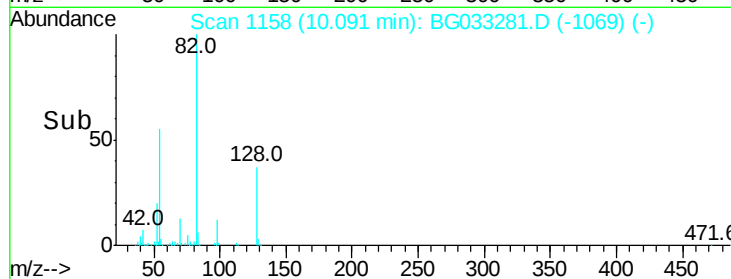
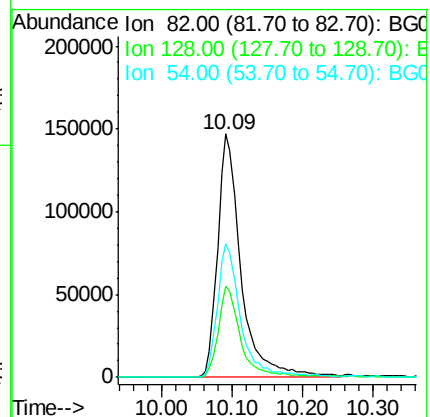
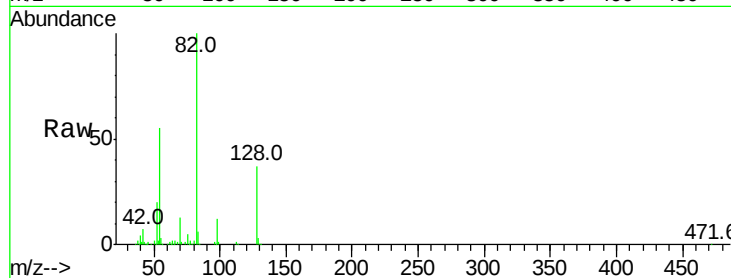
Tot Ion: 82 Resp: 339288

Ion Ratio Lower Upper

82 100

128 37.3 29.7 44.5

54 54.9 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

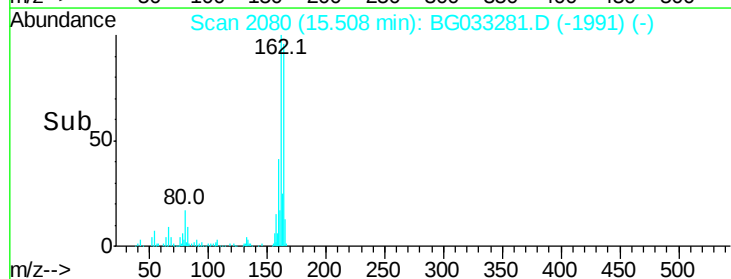
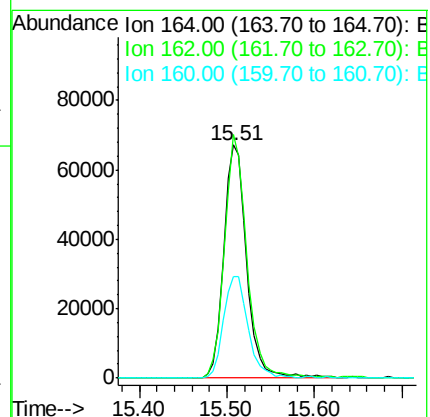
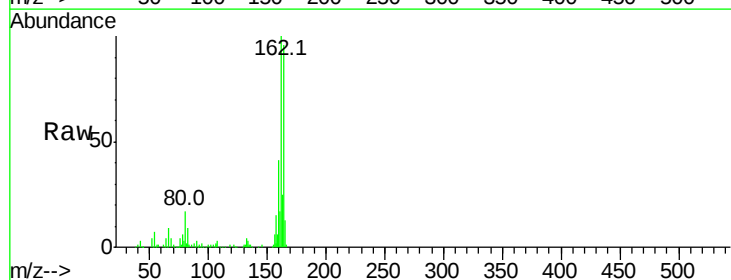
Tgt Ion:164 Resp: 121783

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

160 43.3 35.4 53.0

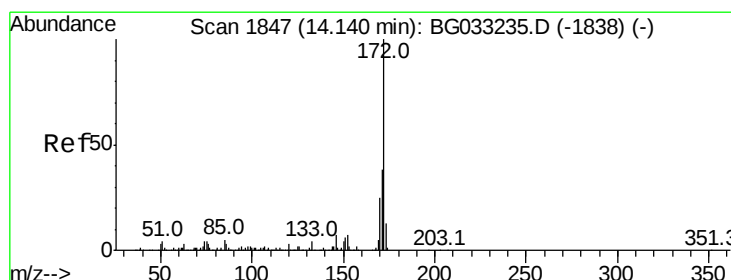
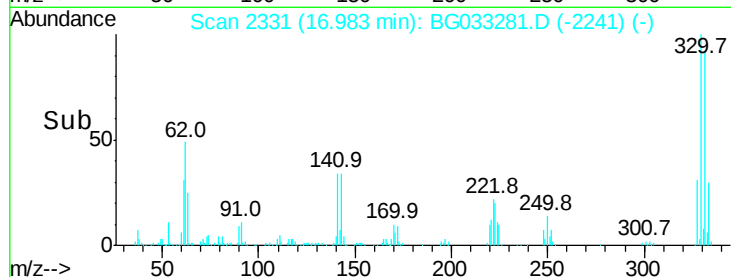
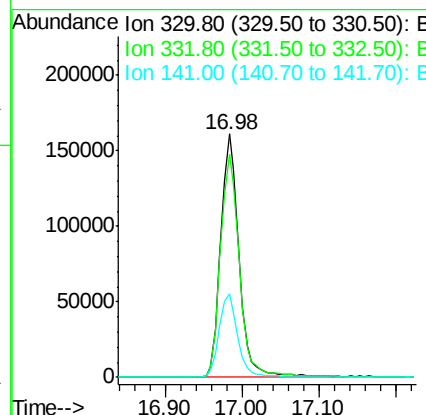
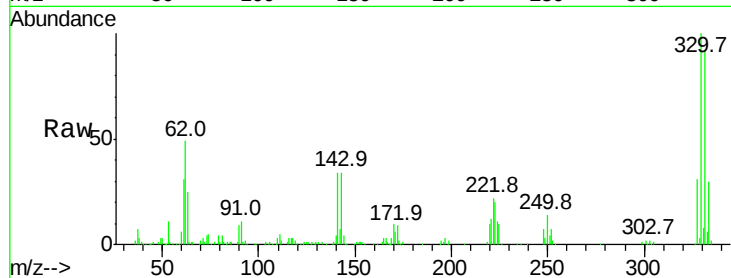




#41
 2,4,6-Tribromophenol
 Concen: 145.758 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033281.D
 Acq: 21 Mar 2018 00:50

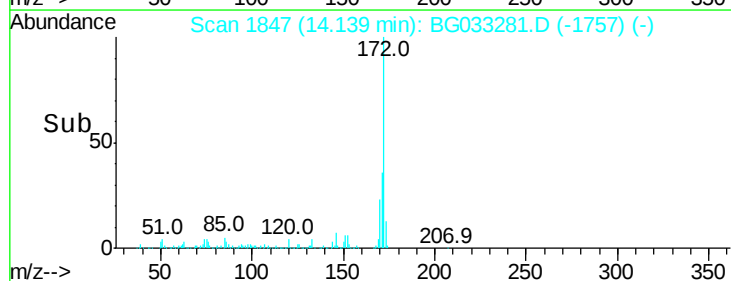
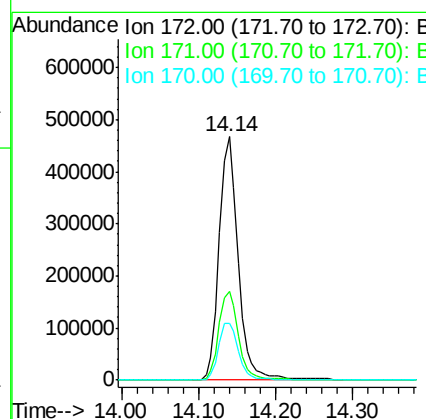
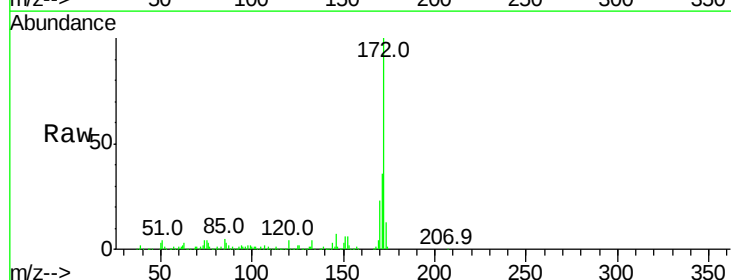
Instrument :
 BNA_G
 ClientSampleId :

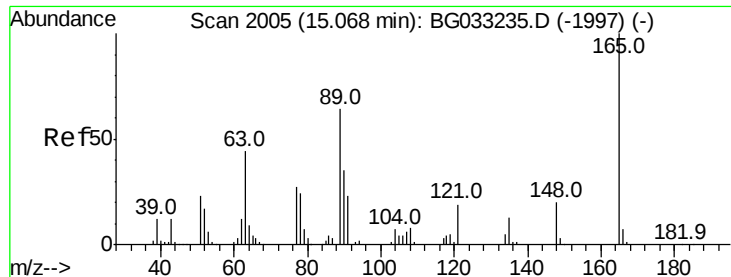
Tot Ion:330 Resp: 265485
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 34.8 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 94.653 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033281.D
 Acq: 21 Mar 2018 00:50

Tgt Ion:172 Resp: 798483
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 23.2 19.5 29.3

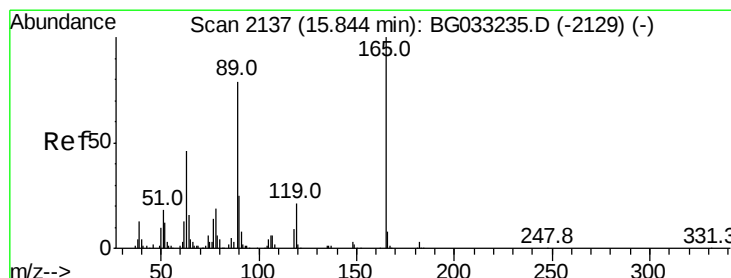
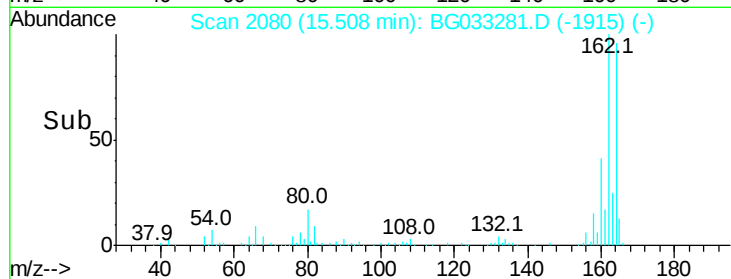
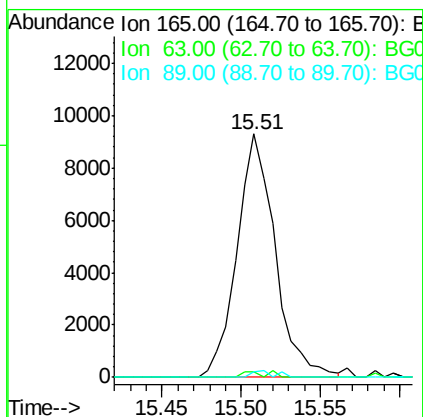
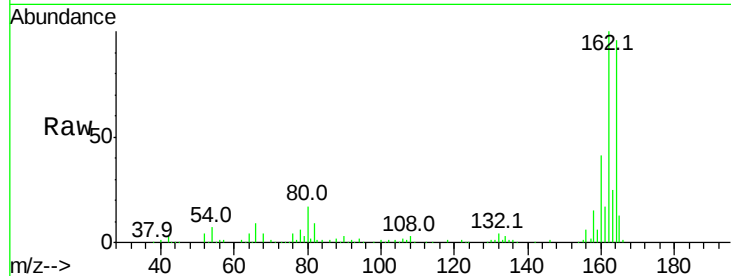




#50
2,6-Dinitrotoluene
Concen: 7.165 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

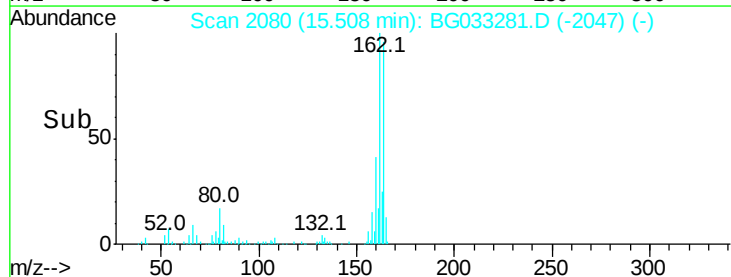
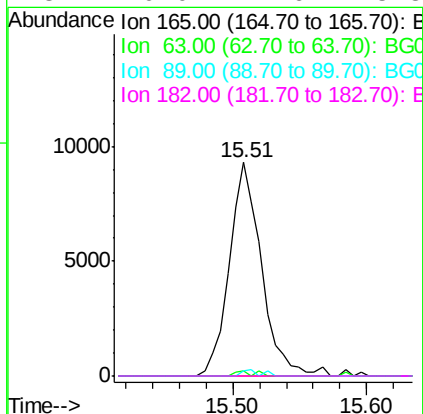
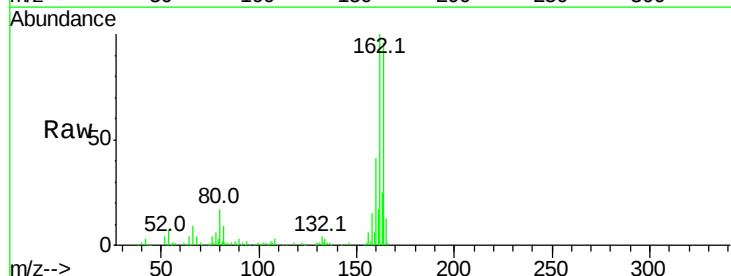
Instrument :
BNA_G
ClientSampleId :

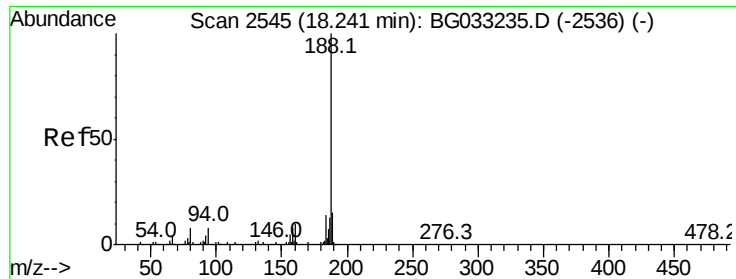
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	2.5	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 4.908 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.34 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	2.5	66.9	100.3#
182	0.0	2.6	3.8#

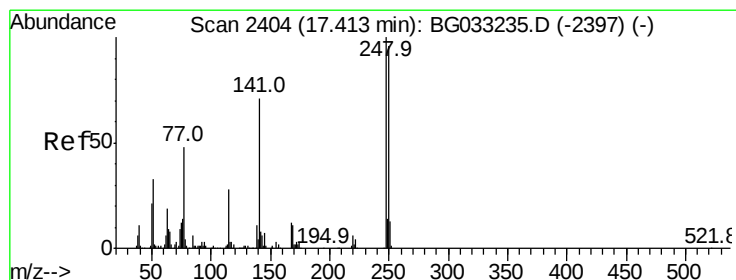
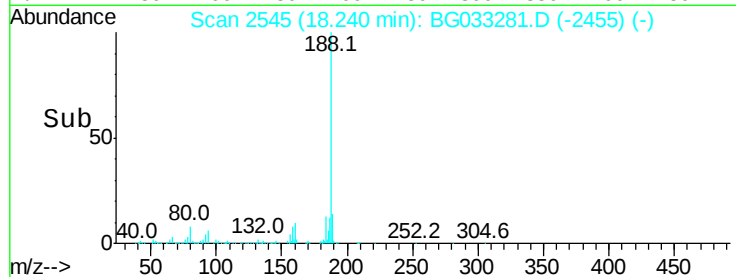
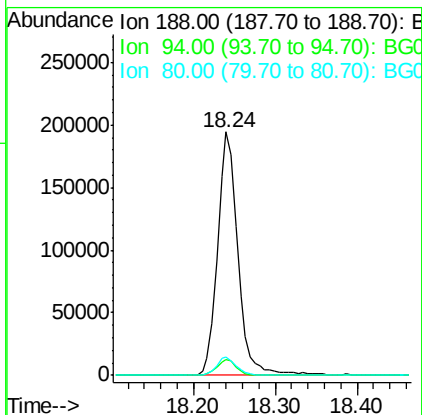
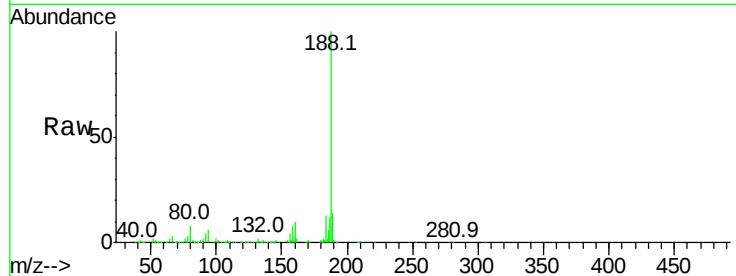




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

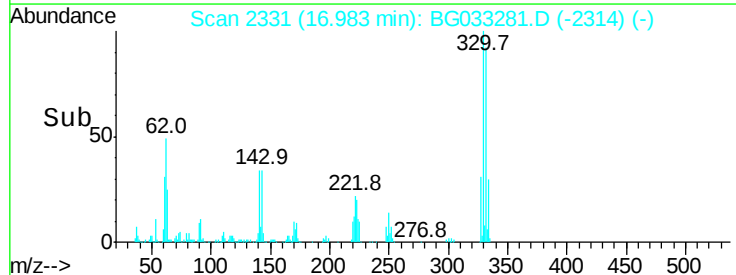
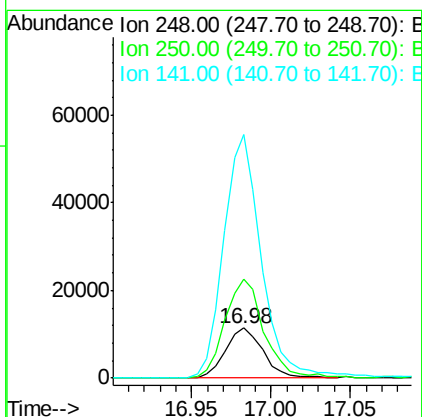
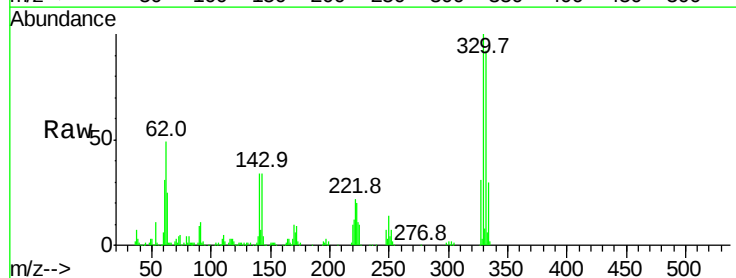
Instrument :
BNA_G
ClientSampled :

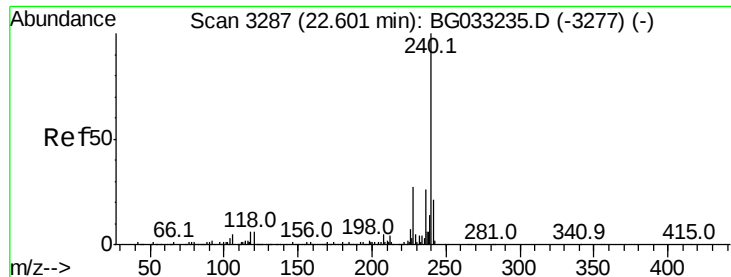
Tot Ion:188 Resp: 336338
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.7 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.772 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033281.D
Acq: 21 Mar 2018 00:50

Tgt Ion:248 Resp: 18851
Ion Ratio Lower Upper
248 100
250 198.5 77.1 115.7#
141 486.9 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

Instrument :

BNA_G

ClientSampleId :

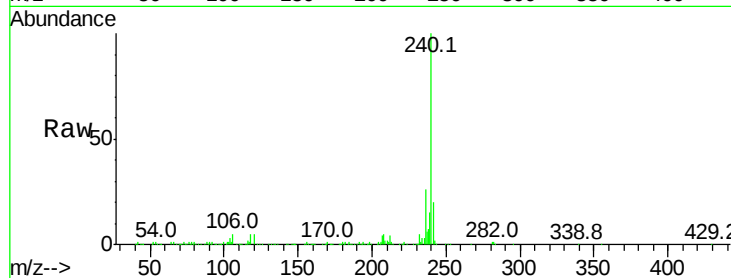
Tot Ion:240 Resp: 332230

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

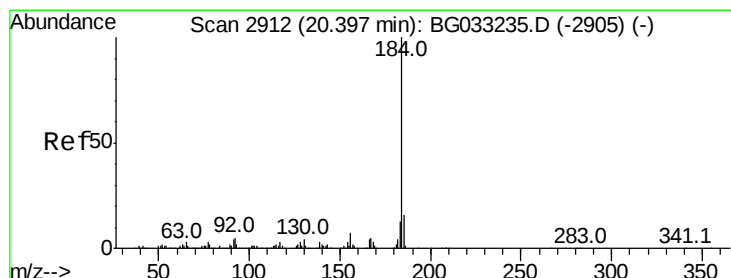
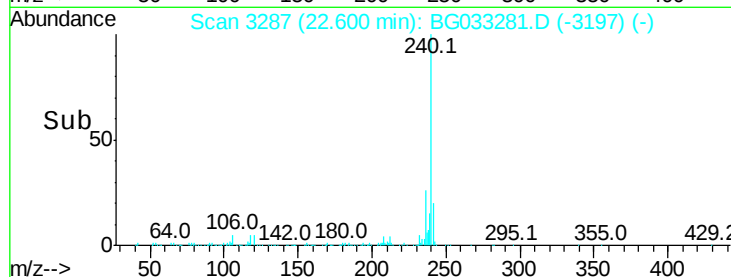
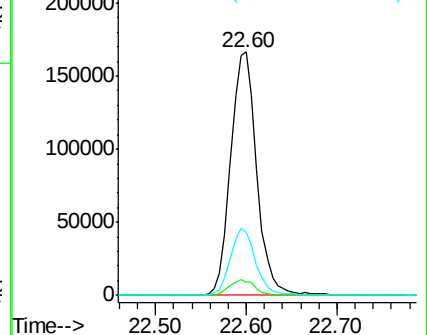
236 25.8 20.9 31.3



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



#76

Benzidine

Concen: 2.887 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

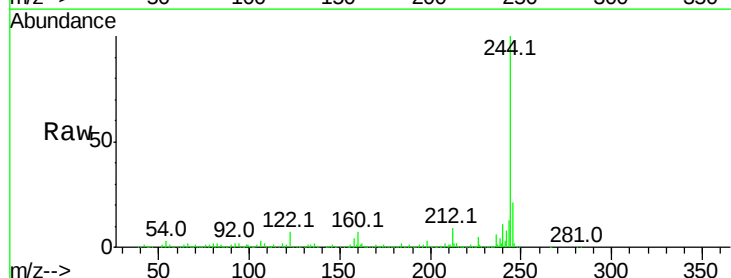
Tgt Ion:184 Resp: 26015

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

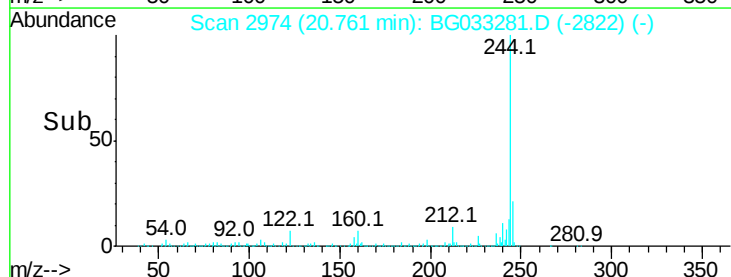
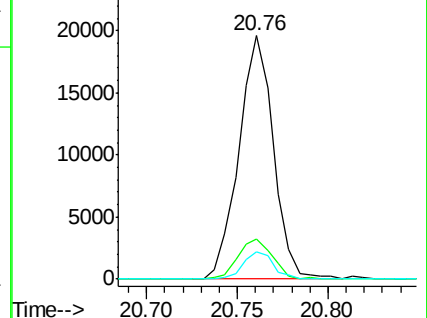
183 11.2 10.6 16.0

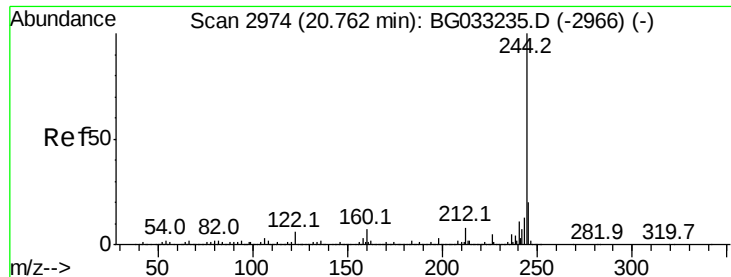


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 101.646 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

Instrument :

BNA_G

ClientSampleId :

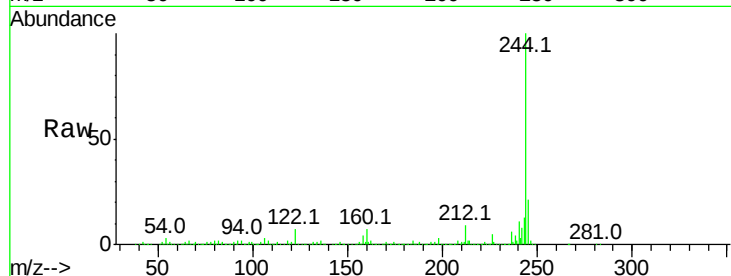
Tot Ion:244 Resp: 1579061

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

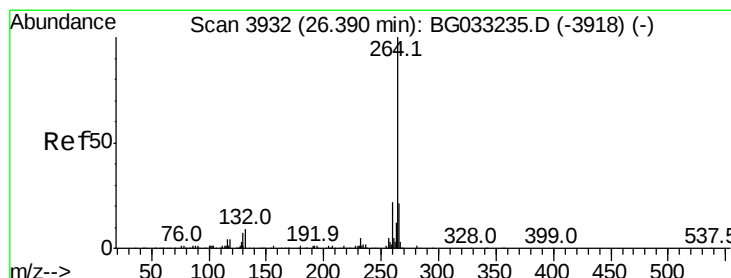
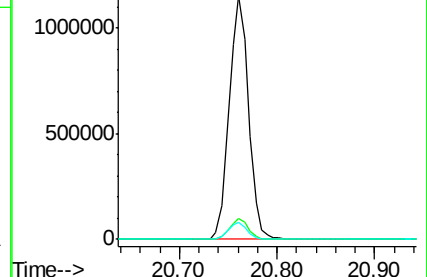
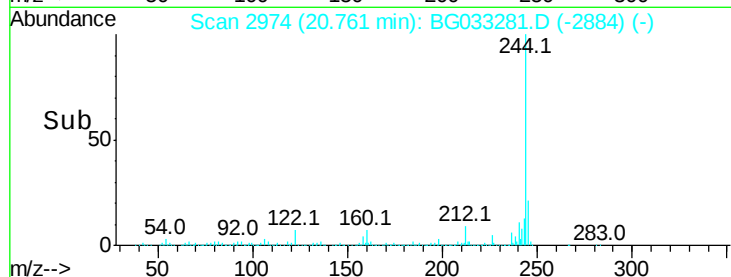
122 7.1 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.39 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BG033281.D

Acq: 21 Mar 2018 00:50

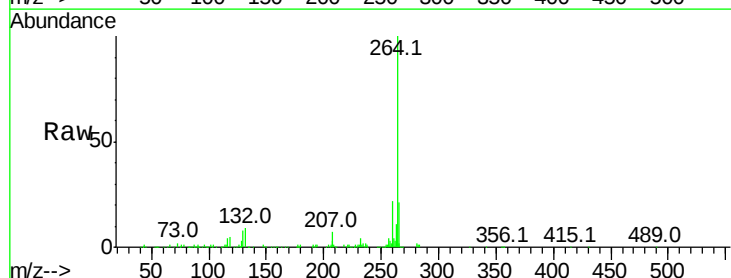
Tgt Ion:264 Resp: 342210

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

265 21.4 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

