

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033181.D
 Acq On : 15 Mar 2018 17:53
 Operator : SJ/JU
 Sample : J1757-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 04:51:53 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	30819	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	129828	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	75956	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	200035	20.00	ng	0.00
75) Chrysene-d12	22.60	240	214683	20.00	ng	0.00
86) Perylene-d12	26.40	264	237482	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	280394	145.56	ng	0.00
7) Phenol-d6	8.00	99	336151	125.19	ng	0.00
23) Nitrobenzene-d5	10.10	82	253169	129.45	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	210098	263.07	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	564988	107.28	ng	0.00
78) Terphenyl-d14	20.76	244	1095813	114.68	ng	0.00

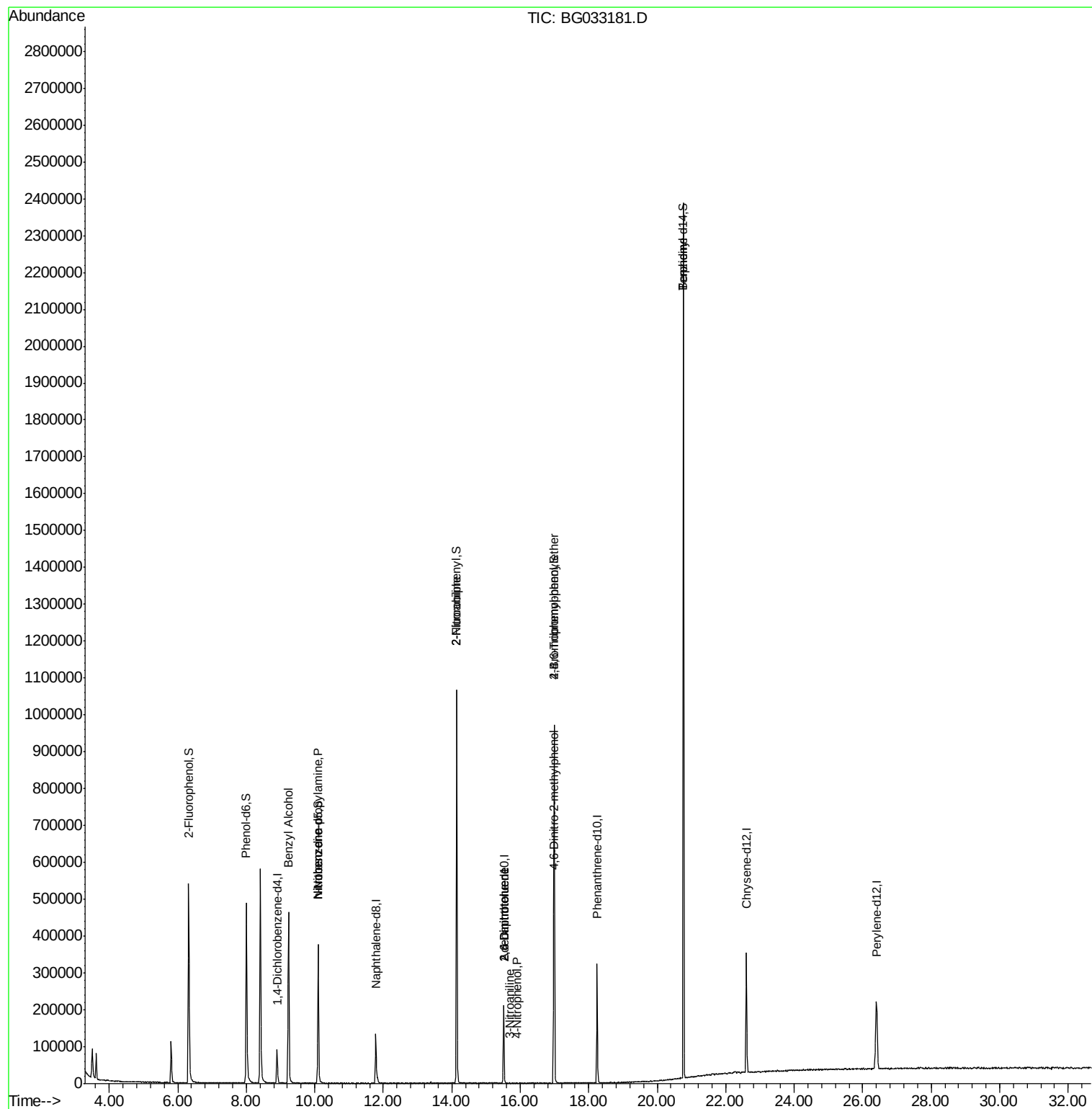
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.23	79	4246	2.151	ng	# 37
19) n-Nitroso-di-n-propylamine	10.10	70	34763	18.339	ng	# 81
24) Nitrobenzene	10.10	77	830	6.728	ng	# 42
47) 2-Nitroaniline	14.14	65	926	10.425	ng	# 1
50) 2,6-Dinitrotoluene	15.51	165	10250	16.720	ng	# 18
52) 3-Nitroaniline	15.68	138	69	7.587	ng	# 1
55) 4-Nitrophenol	15.90	139	75	7.145	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	10250	14.920	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.97	198	110	5.182	ng	# 50
66) 4-Bromophenyl-phenylether	16.99	248	13911	6.577	ng	# 1
76) Benzidine	20.76	184	18195	2.486	ng	# 90

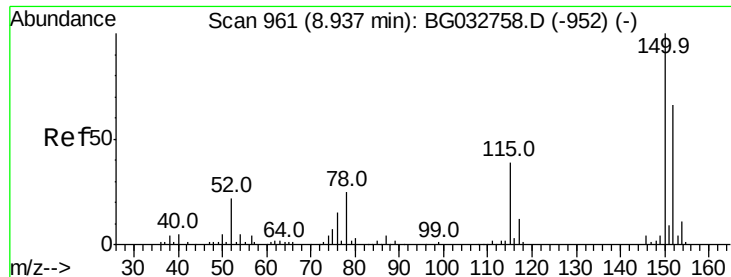
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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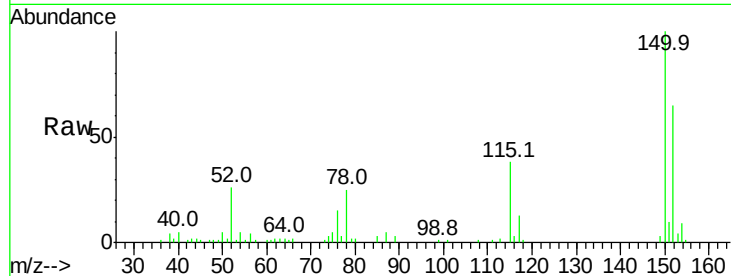


#1

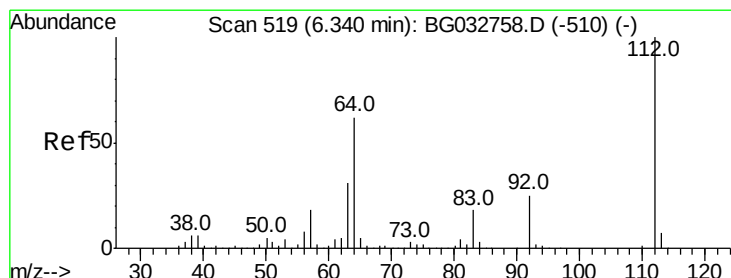
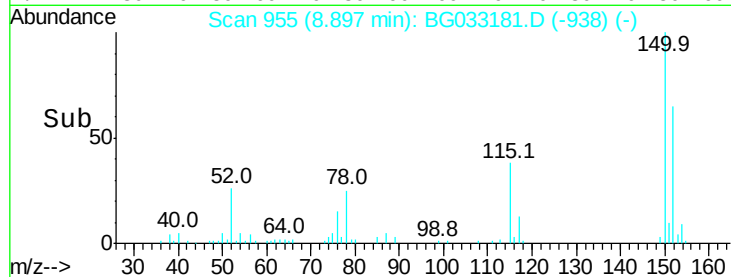
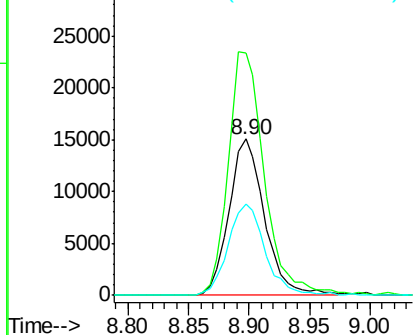
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30819
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 58.7 53.0 79.4



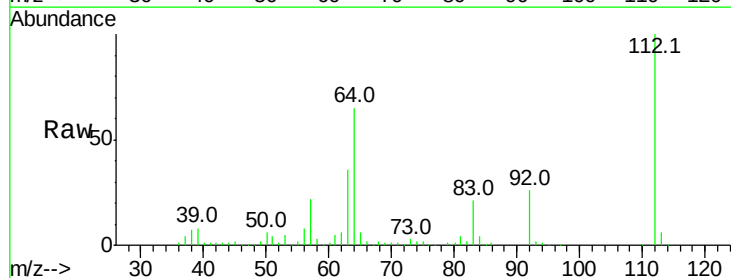
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



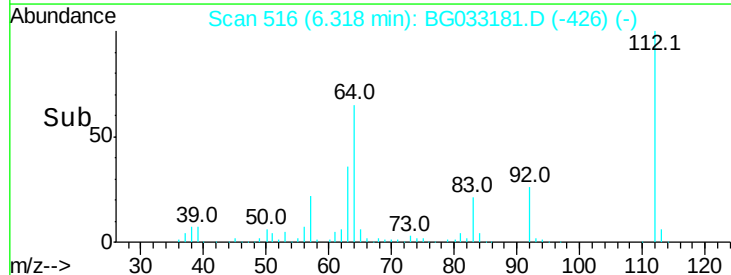
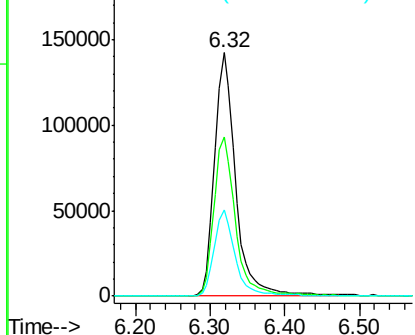
#5

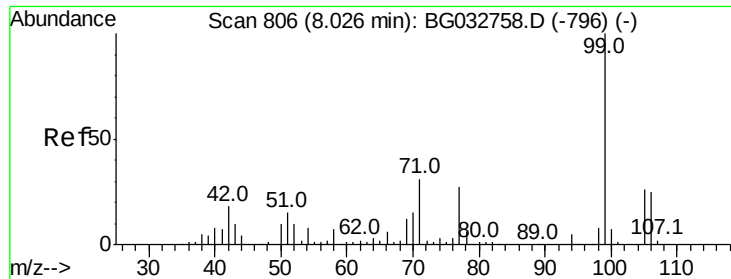
2-Fluorophenol
Concen: 145.556 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

Tgt Ion:112 Resp: 280394
Ion Ratio Lower Upper
112 100
64 65.2 56.3 84.5
63 35.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.192 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033181.D

Acq: 15 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

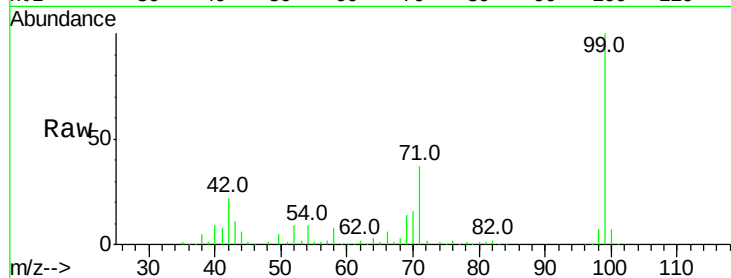
Tot Ion: 99 Resp: 336151

Ion Ratio Lower Upper

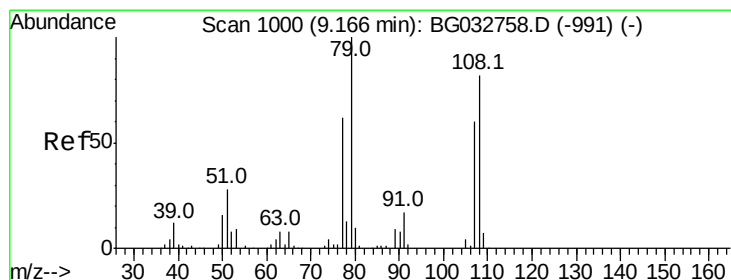
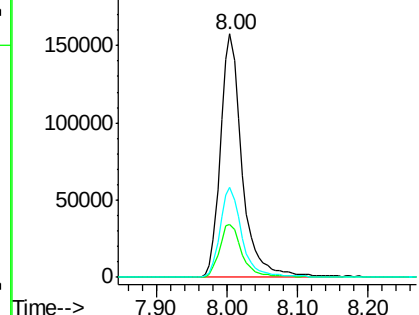
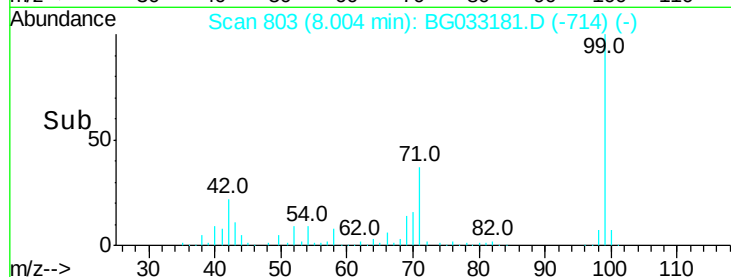
99 100

42 22.0 14.1 21.1#

71 37.1 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: 2.151 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.10 min

Lab File: BG033181.D

Acq: 15 Mar 2018 17:53

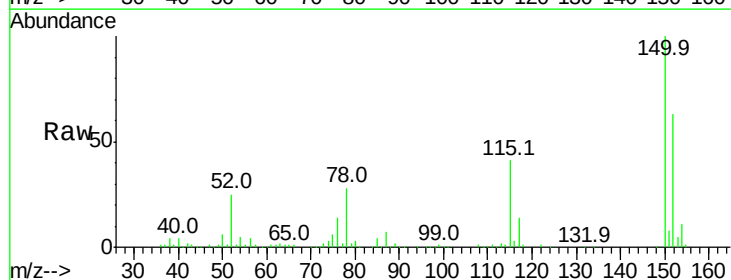
Tgt Ion: 79 Resp: 4246

Ion Ratio Lower Upper

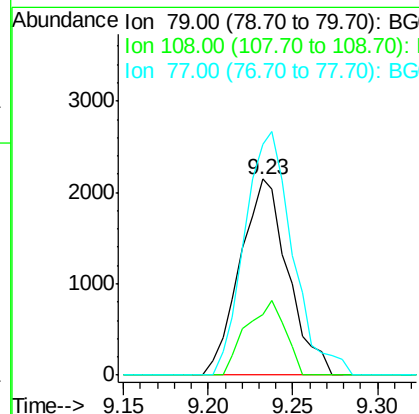
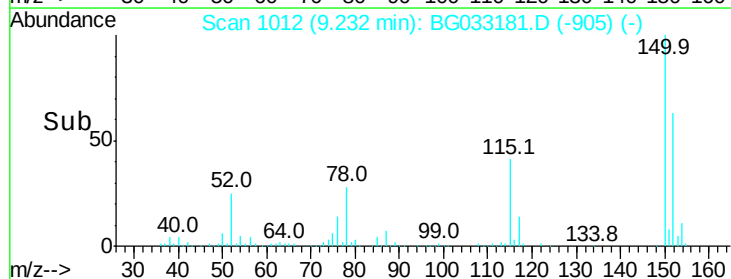
79 100

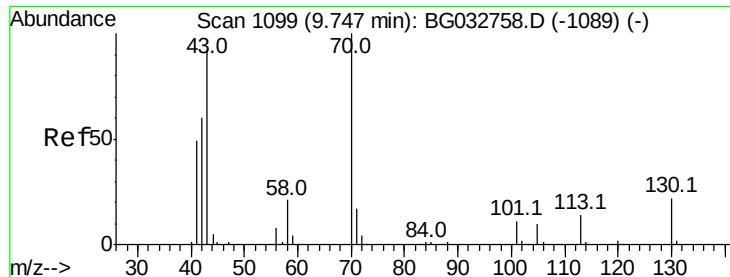
108 30.7 57.2 85.8#

77 117.6 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

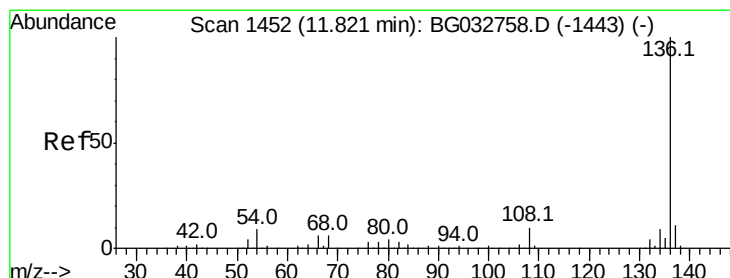
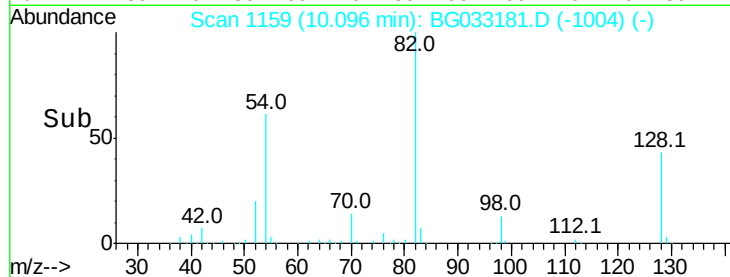
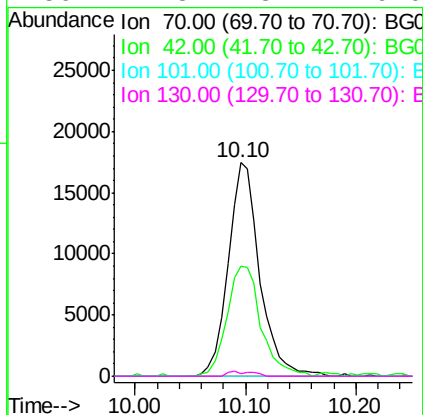
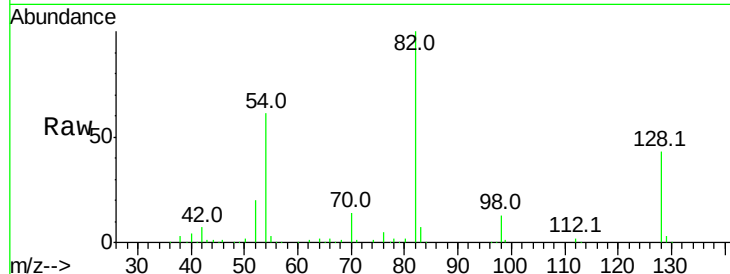




#19
n-Nitroso-di-n-propylamine
Concen: 18.339 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.38 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

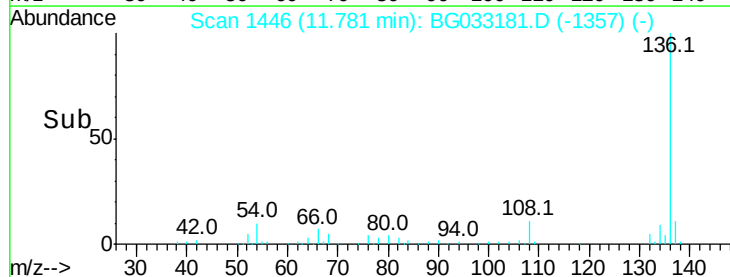
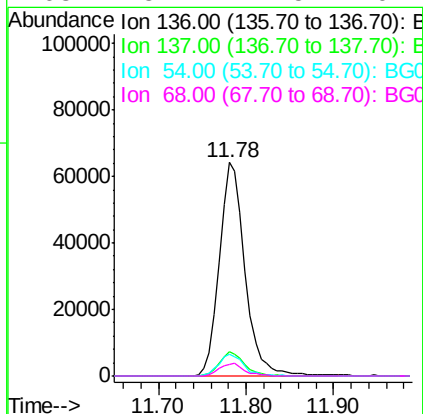
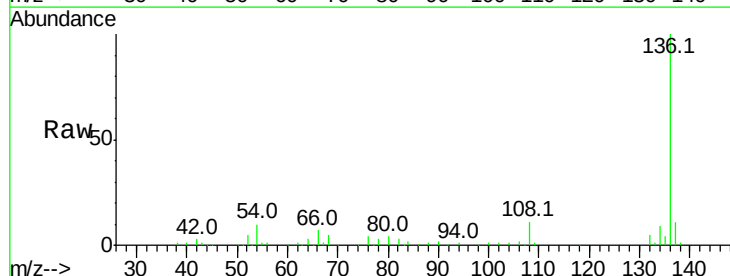
Instrument :
BNA_G
ClientSampleId :

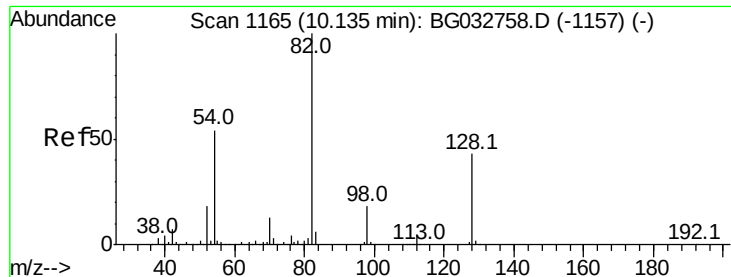
Tot Ion: 70 Resp: 34763
Ion Ratio Lower Upper
70 100
42 51.4 49.1 73.7
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

Tgt Ion: 136 Resp: 129828
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.5 10.3 15.5
68 5.4 4.5 6.7

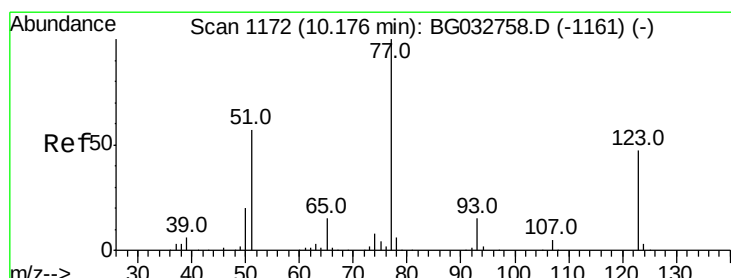
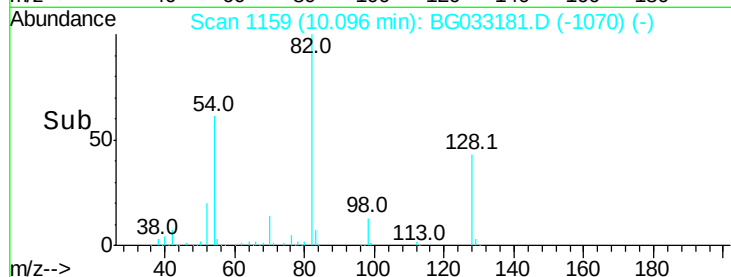
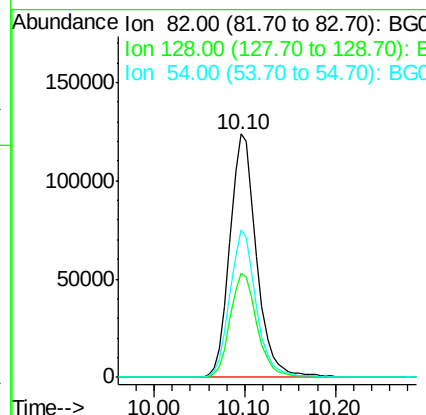
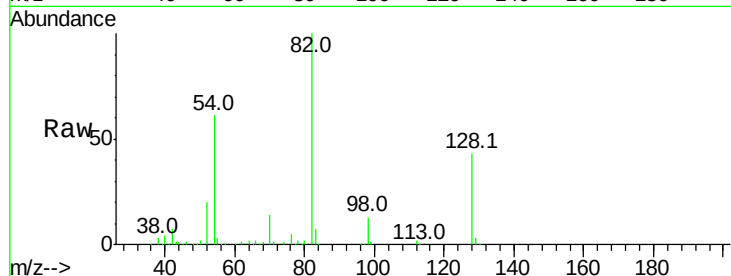




#23
 Nitrobenzene-d5
 Concen: 129.454 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

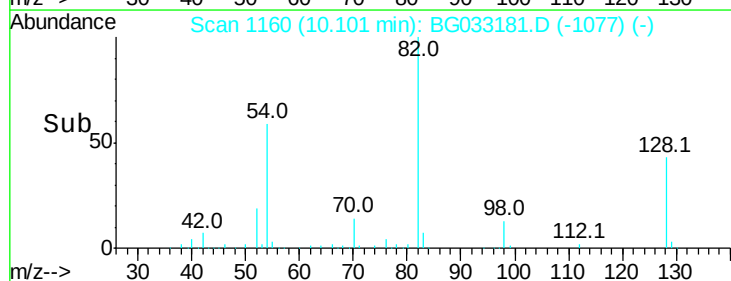
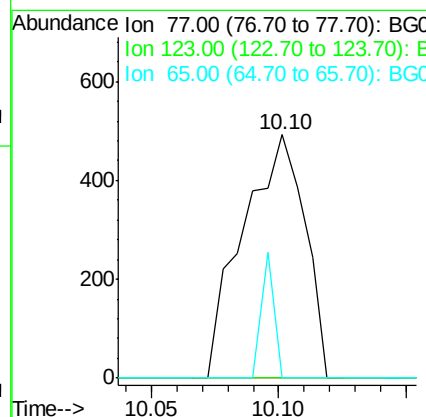
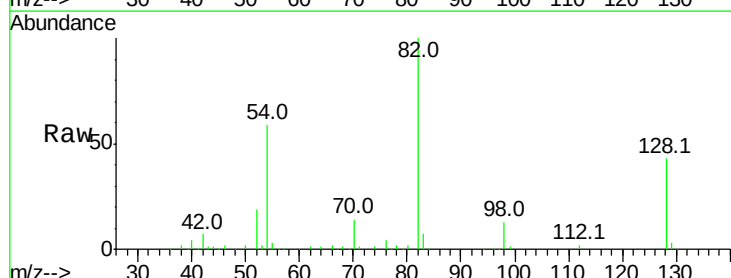
Instrument :
 BNA_G
 ClientSampleId :

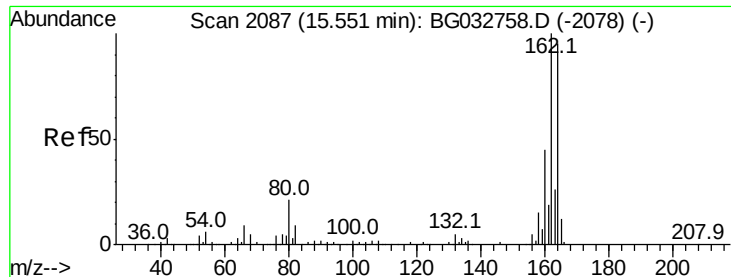
Tot Ion: 82 Resp: 253169
 Ion Ratio Lower Upper
 82 100
 128 43.0 29.7 44.5
 54 60.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.728 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.04 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

Tgt Ion: 77 Resp: 830
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG033181.D

Acq: 15 Mar 2018 17:53

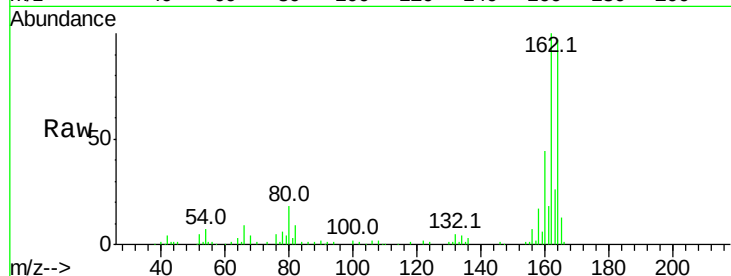
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 75956

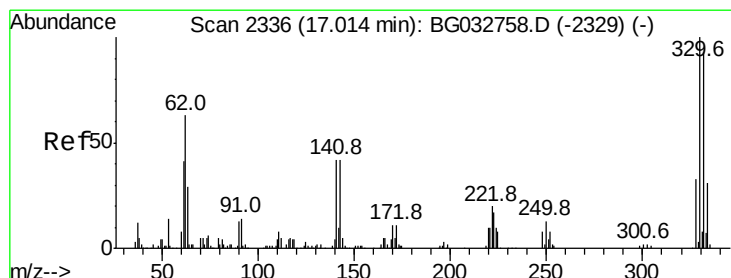
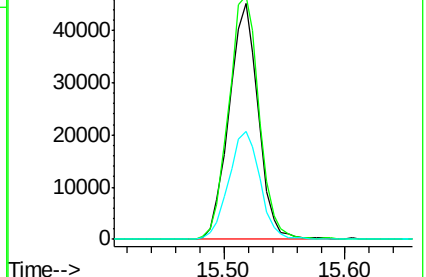
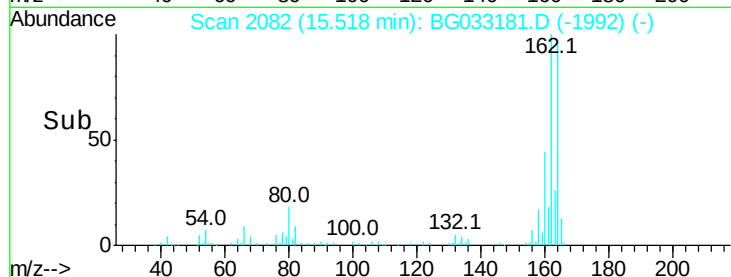
Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	45.8	35.4	53.0



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: 263.066 ng

RT: 16.99 min Scan# 2333

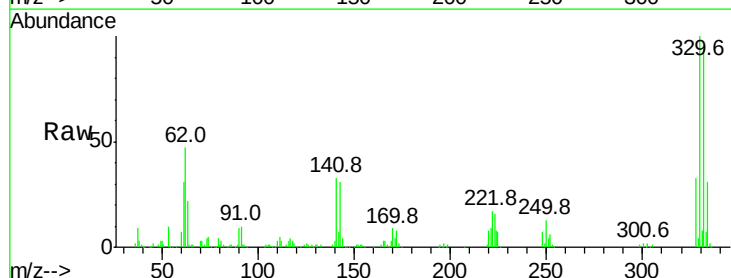
Delta R.T. -0.00 min

Lab File: BG033181.D

Acq: 15 Mar 2018 17:53

Tgt Ion:330 Resp: 210098

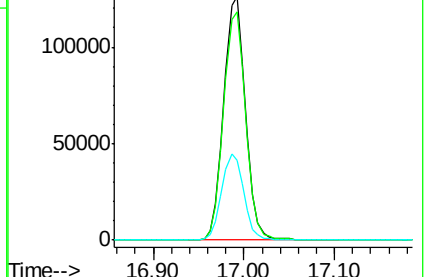
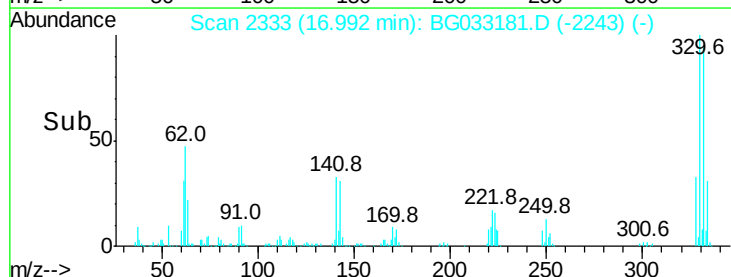
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	36.1	25.2	37.8

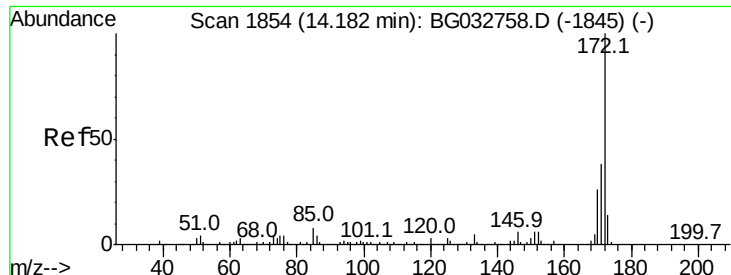


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

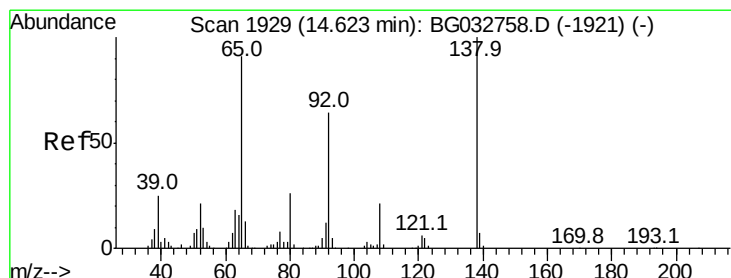
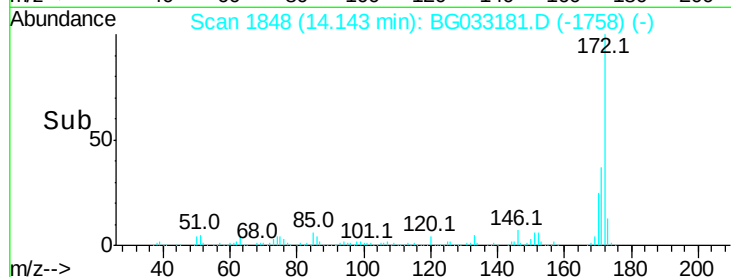
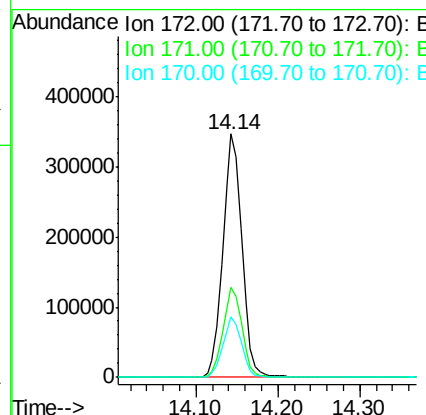
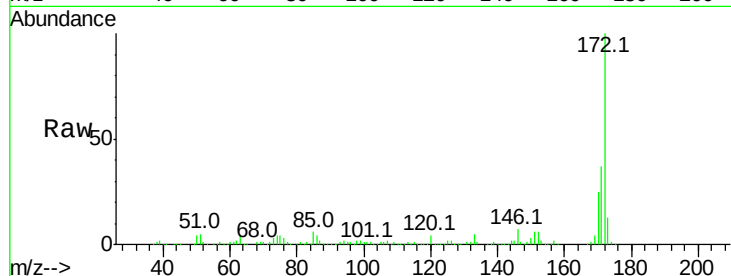




#44
 2-Fluorobiphenyl
 Concen: 107.280 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

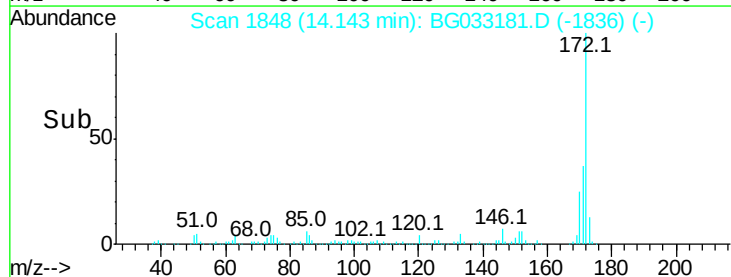
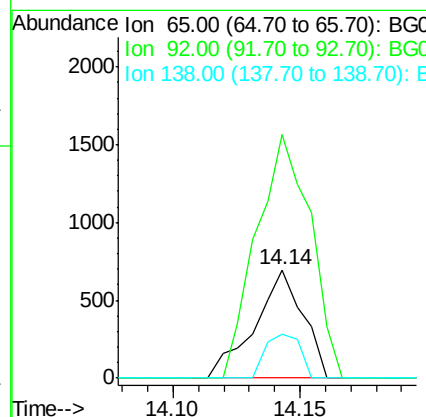
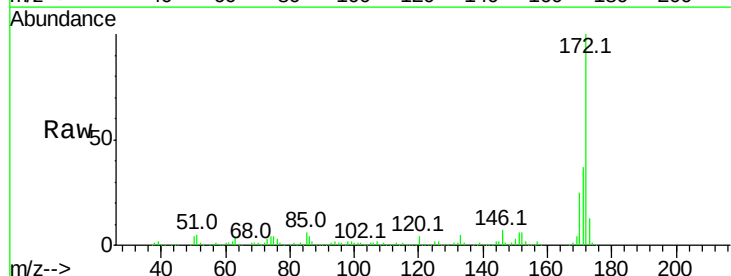
Instrument :
 BNA_G
 ClientSampleId :

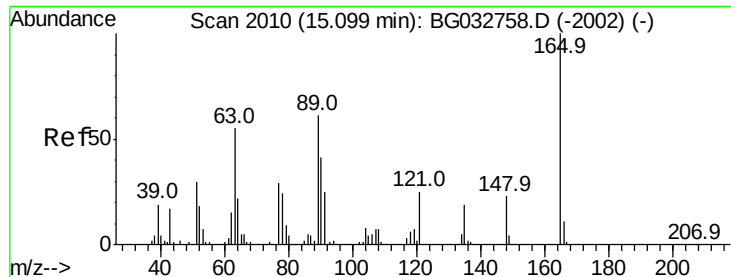
Tot Ion:172 Resp: 564988
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.9 19.5 29.3



#47
 2-Nitroaniline
 Concen: 10.425 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. -0.46 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

Tgt Ion: 65 Resp: 926
 Ion Ratio Lower Upper
 65 100
 92 225.2 54.6 82.0#
 138 40.9 72.9 109.3#

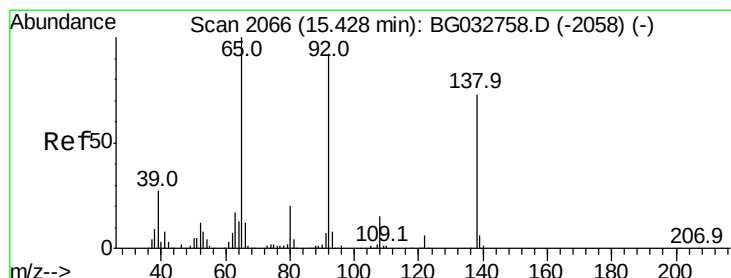
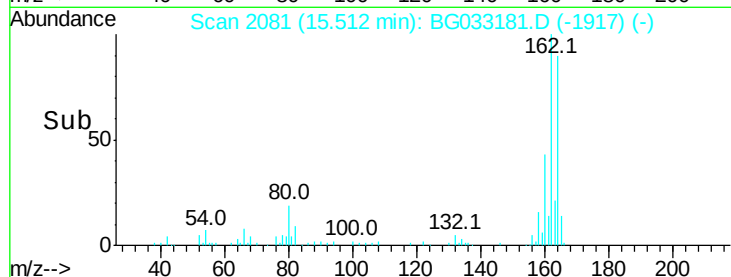
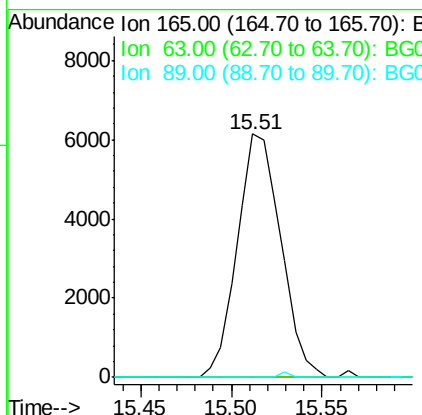
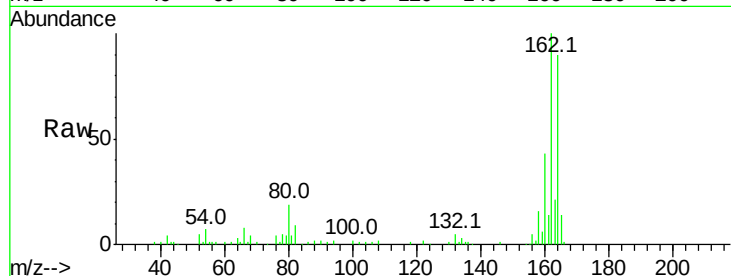




#50
 2,6-Dinitrotoluene
 Concen: 16.720 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. 0.43 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

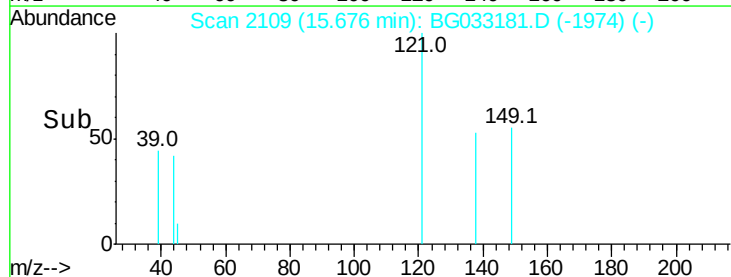
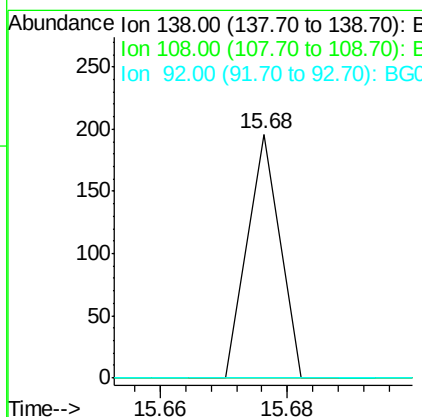
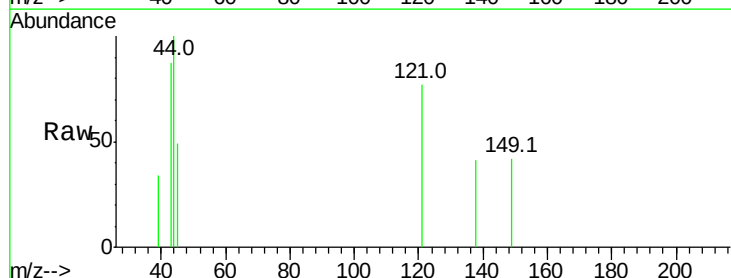
Instrument :
 BNA_G
 ClientSampleId :

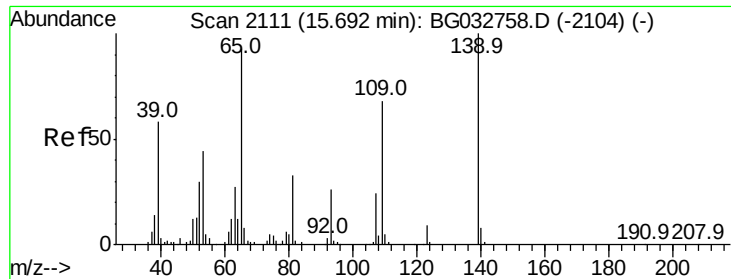
Tot Ion:165 Resp: 10250
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#52
 3-Nitroaniline
 Concen: 7.587 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. 0.26 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

Tgt Ion:138 Resp: 69
 Ion Ratio Lower Upper
 138 100
 108 0.0 17.5 26.3#
 92 0.0 105.8 158.8#

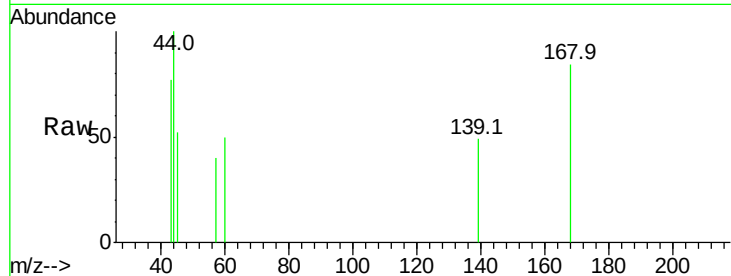




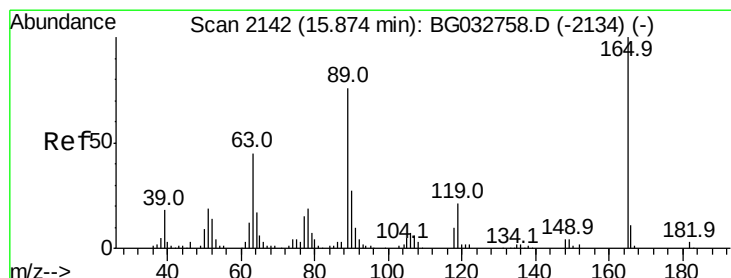
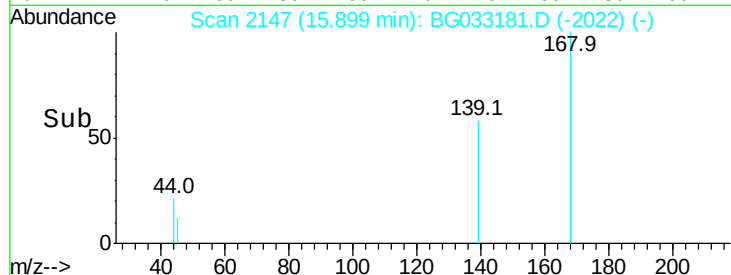
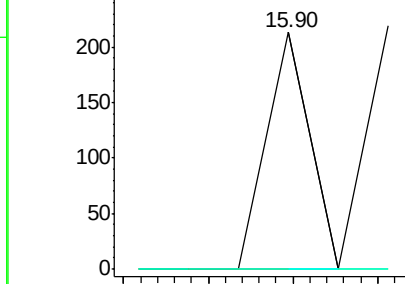
#55
4-Nitrophenol
Concen: 7.145 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.21 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 75
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

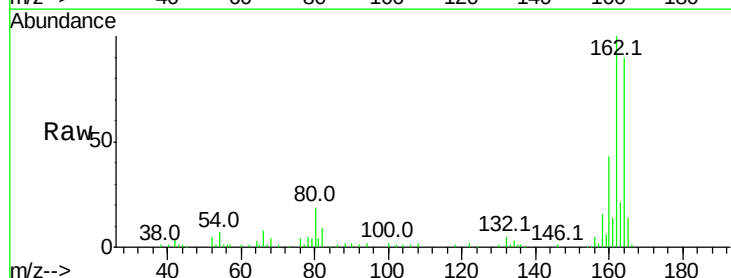


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

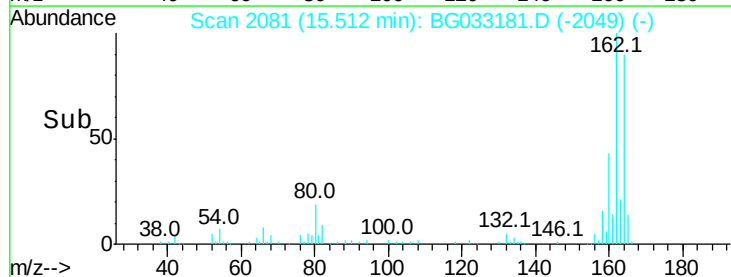
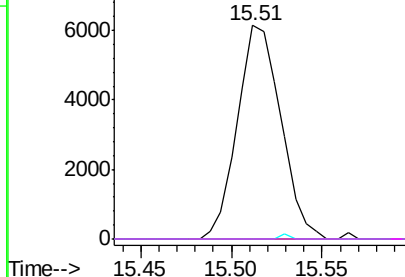


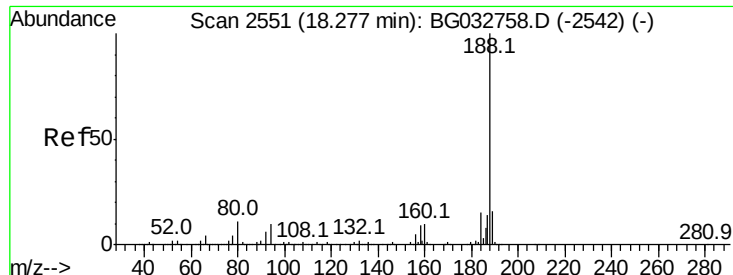
#56
2,4-Dinitrotoluene
Concen: 14.920 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.34 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

Tgt Ion:165 Resp: 10250
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E

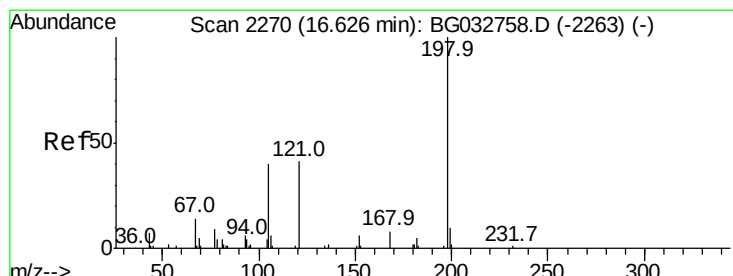
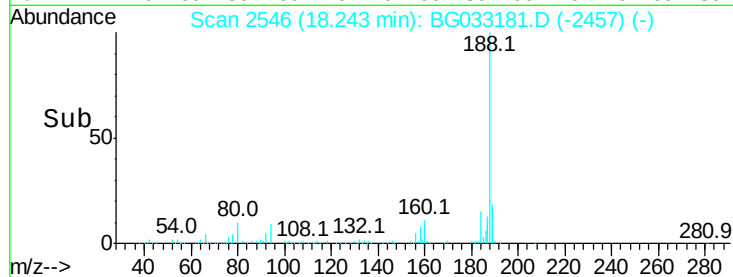
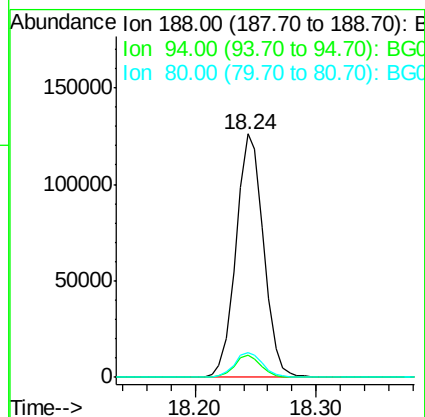
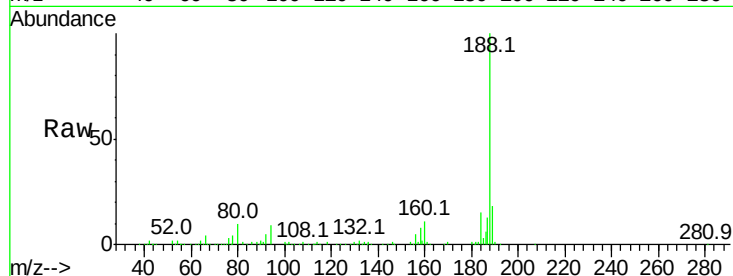




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

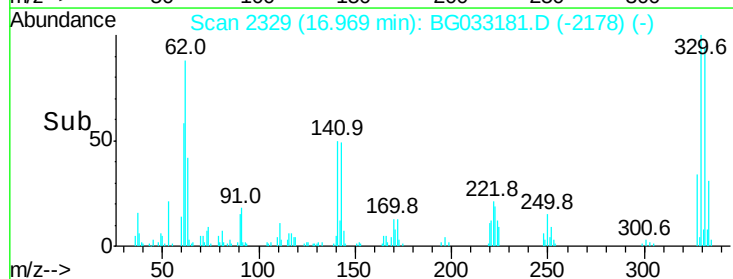
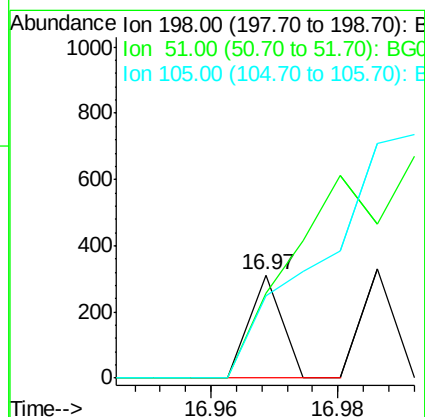
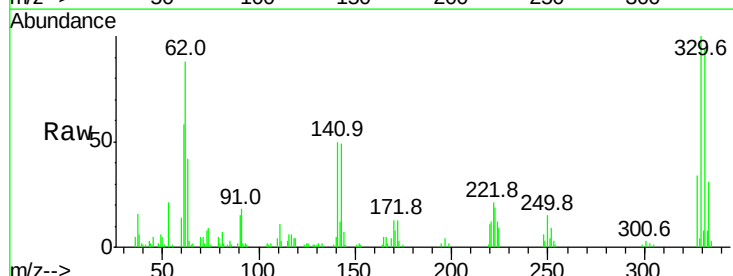
Instrument :
BNA_G
ClientSampleId :

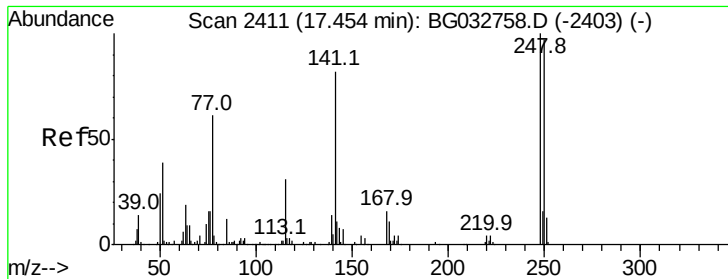
Tot Ion:188 Resp: 200035
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.0 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.182 ng
RT: 16.97 min Scan# 2329
Delta R.T. 0.36 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

Tgt Ion:198 Resp: 110
Ion Ratio Lower Upper
198 100
51 81.7 30.6 70.6#
105 80.1 23.8 63.8#

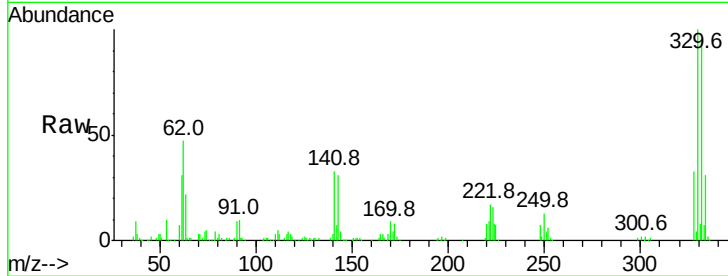




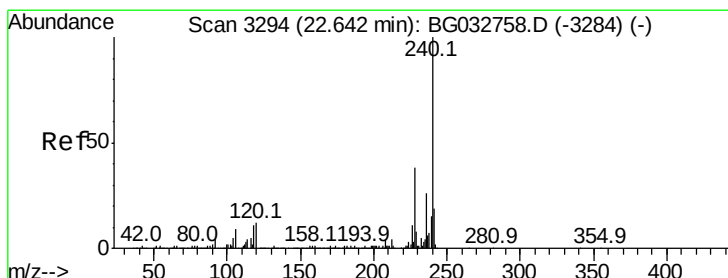
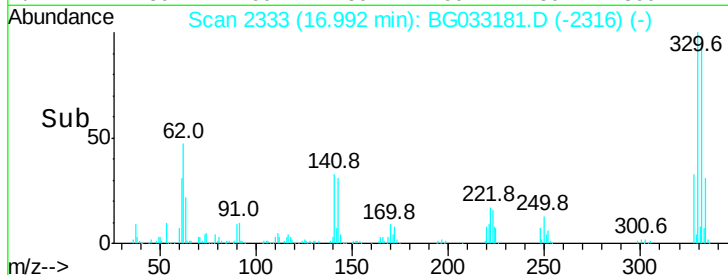
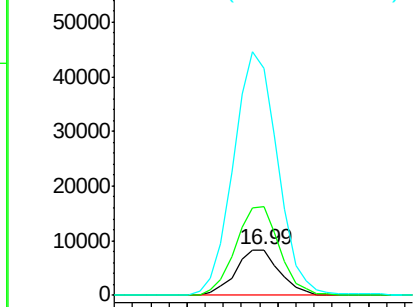
#66
 4-Bromophenyl-phenylether
 Concen: 6.577 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13911
 Ion Ratio Lower Upper
 248 100
 250 196.4 77.1 115.7#
 141 499.2 50.8 76.2#

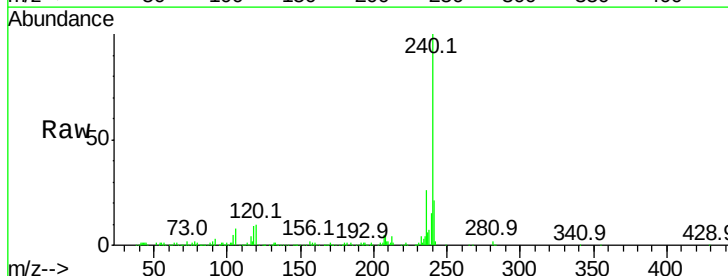


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

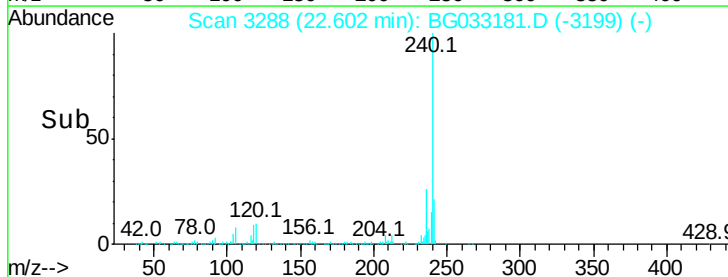
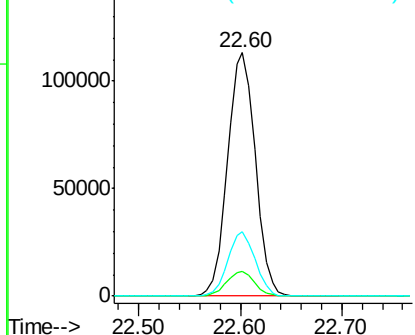


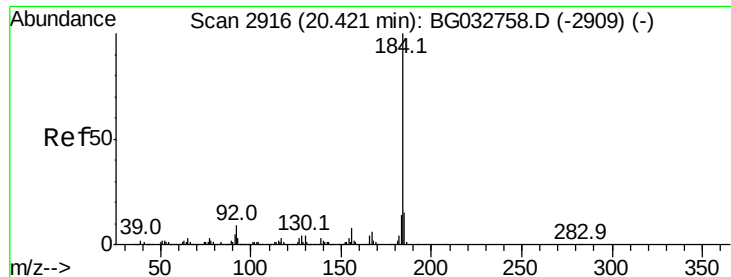
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033181.D
 Acq: 15 Mar 2018 17:53

Tgt Ion:240 Resp: 214683
 Ion Ratio Lower Upper
 240 100
 120 10.0 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





#76

Benzidine

Concen: 2.486 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.36 min

Lab File: BG033181.D

Acq: 15 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

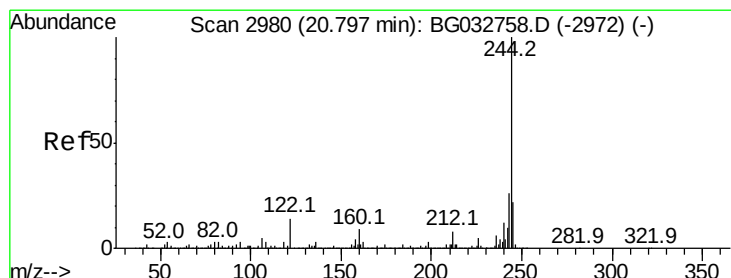
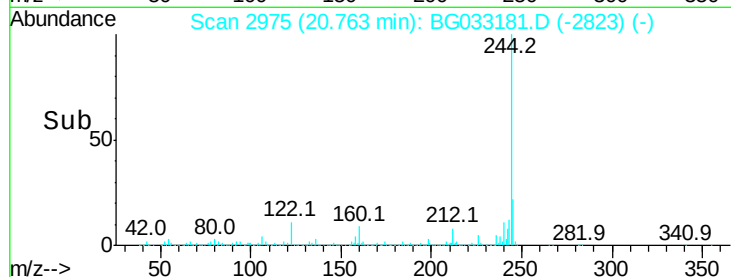
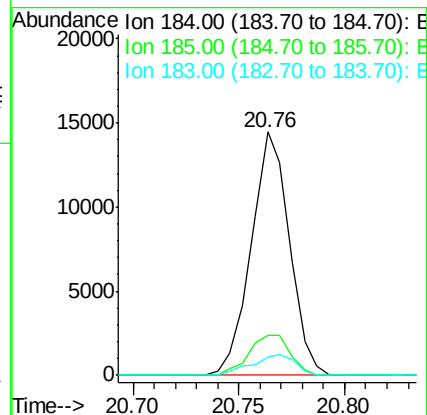
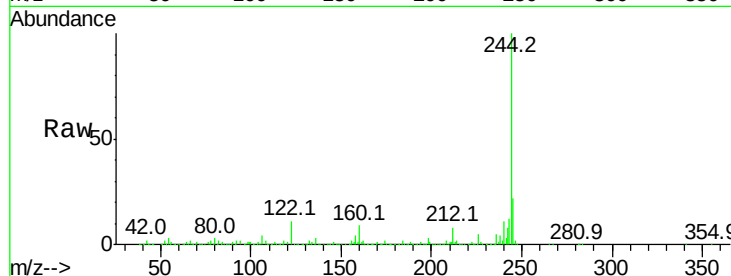
Tot Ion:184 Resp: 18195

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

183 7.7 10.6 16.0#



#78

Terphenyl-d14

Concen: 114.680 ng

RT: 20.76 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033181.D

Acq: 15 Mar 2018 17:53

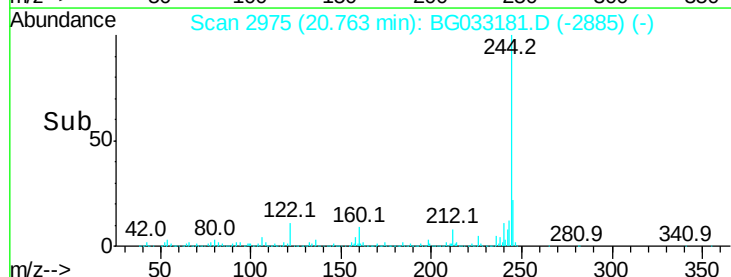
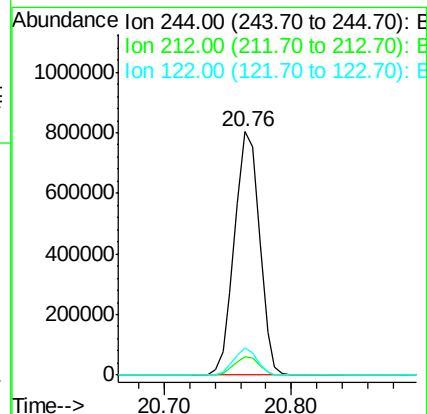
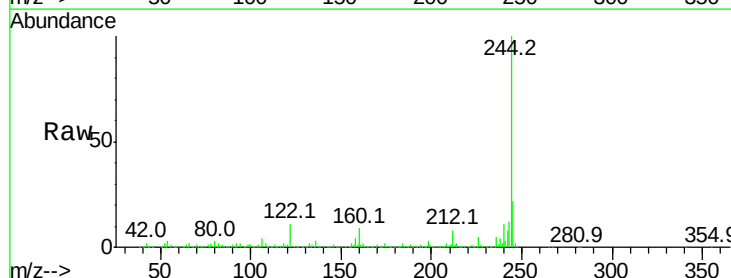
Tgt Ion:244 Resp: 1095813

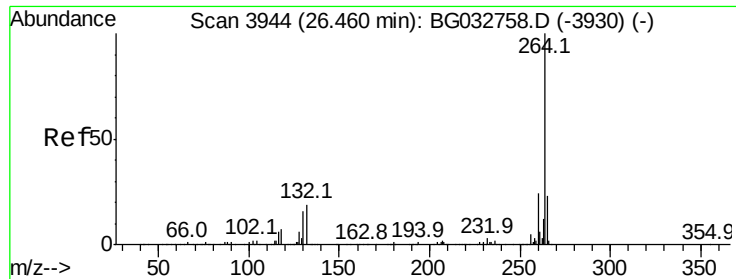
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 11.0 7.0 10.4#

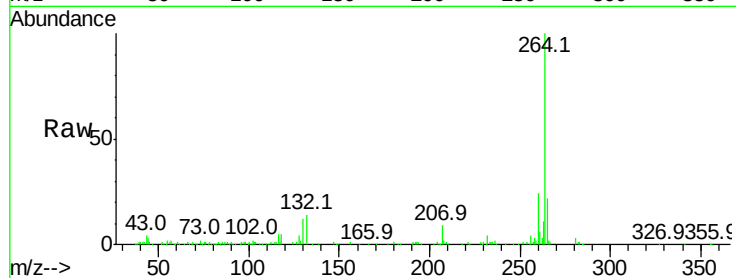




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033181.D
Acq: 15 Mar 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.9	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

