

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033286.D
 Acq On : 21 Mar 2018 3:57
 Operator : SJ/JU
 Sample : J1979-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 06:37:08 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	8.90	152	36361	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	157372	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	123689	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	327448	20.00	ng	0.00
75) Chrysene-d12	22.60	240	333680	20.00	ng	0.00
86) Perylene-d12	26.39	264	345217	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	336243	173.40	ng	0.00
7) Phenol-d6	8.00	99	463121	139.00	ng	0.00
23) Nitrobenzene-d5	10.10	82	366702	107.06	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	281281	152.05	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	882784	103.03	ng	0.00
78) Terphenyl-d14	20.76	244	1683032	107.87	ng	0.00

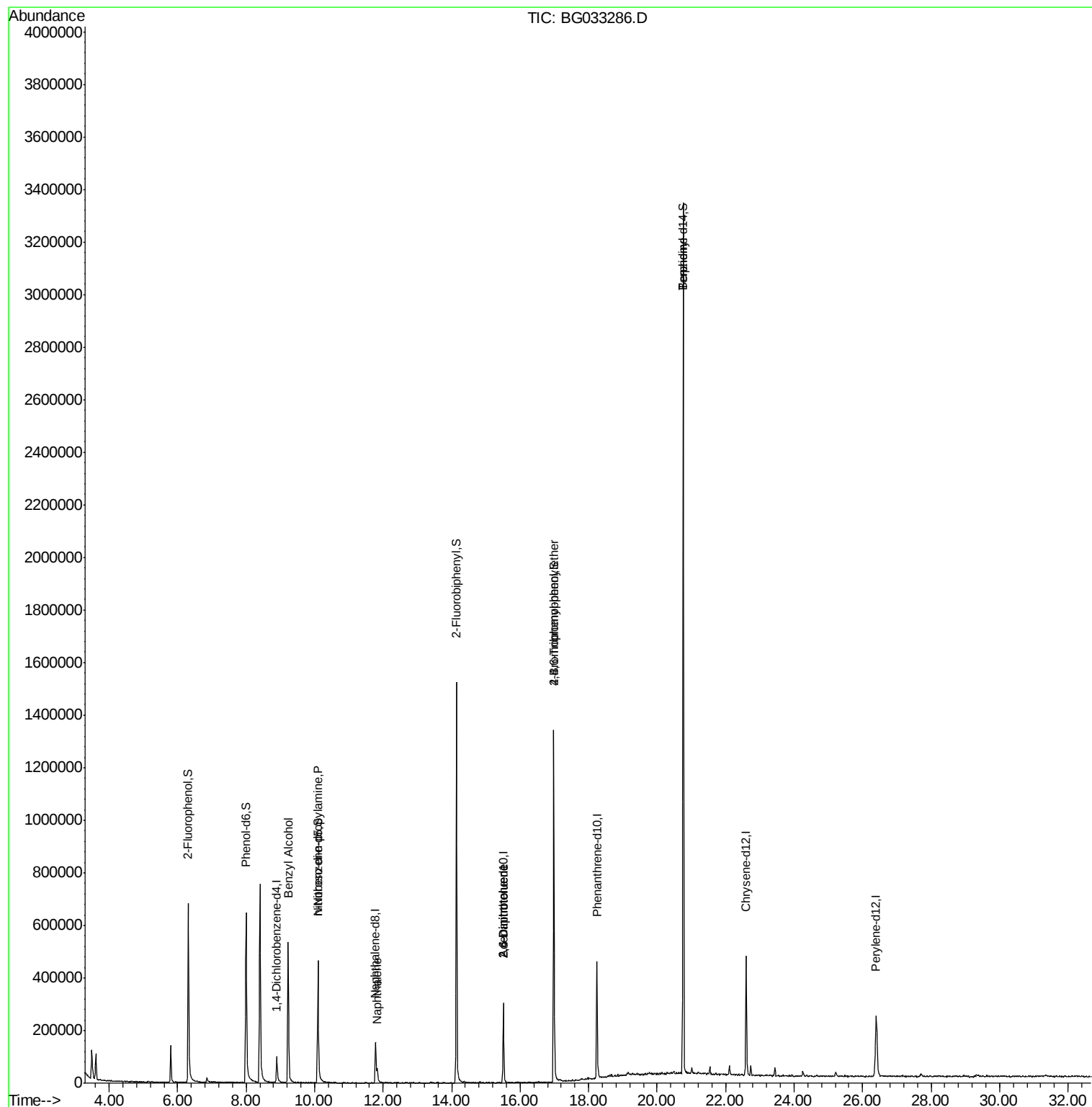
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.23	79	5946	2.267	ng	# 41
19) n-Nitroso-di-n-propylamine	10.10	70	48376	19.815	ng	# 71
31) Naphthalene	11.83	128	48290	5.921	ng	# 94
50) 2,6-Dinitrotoluene	15.51	165	15450	7.020	ng	# 20
56) 2,4-Dinitrotoluene	15.51	165	15450	4.767	ng	# 17
66) 4-Bromophenyl-phenylether	16.99	248	21611	5.620	ng	# 1
76) Benizidine	20.76	184	28466	3.146	ng	# 91

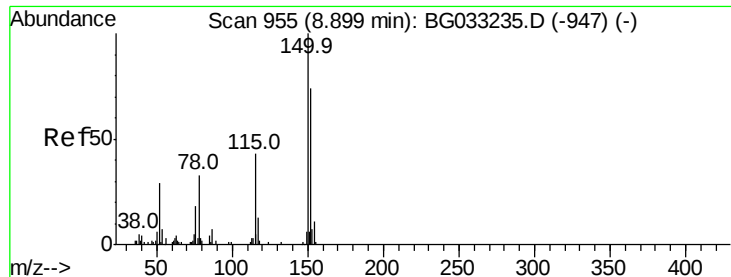
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
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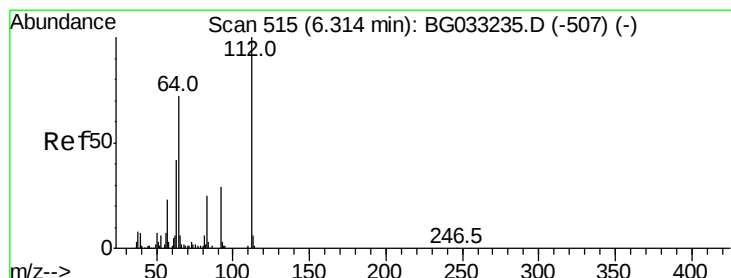
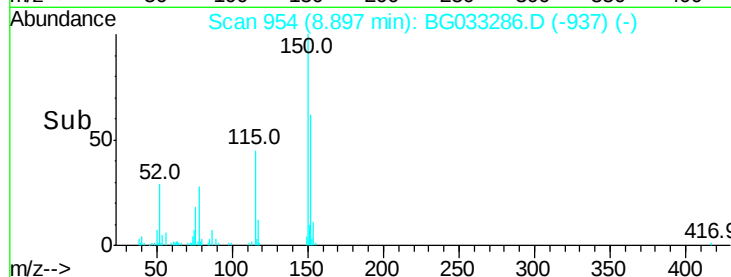
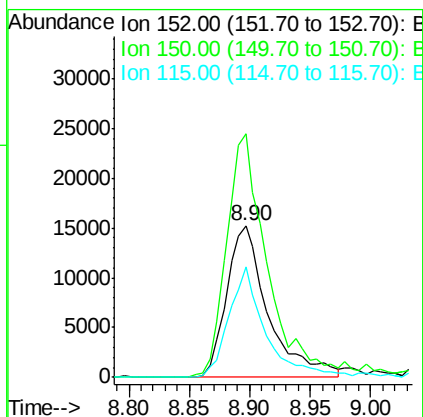
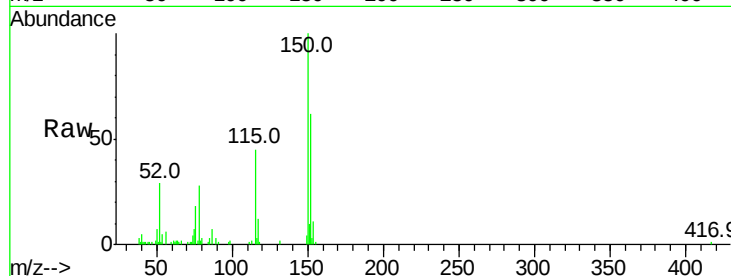


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.90 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG033286.D
 Acq: 21 Mar 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :

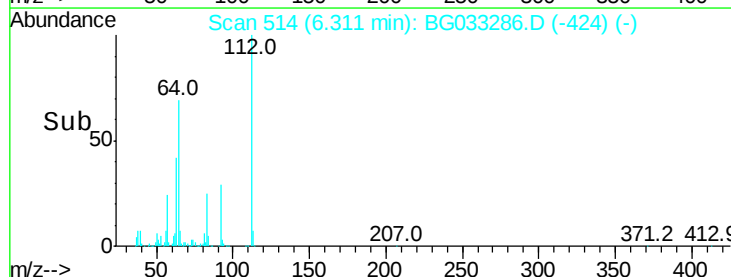
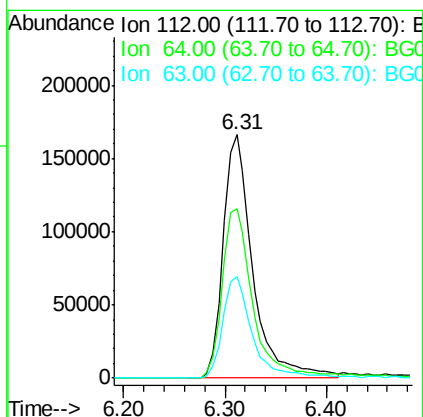
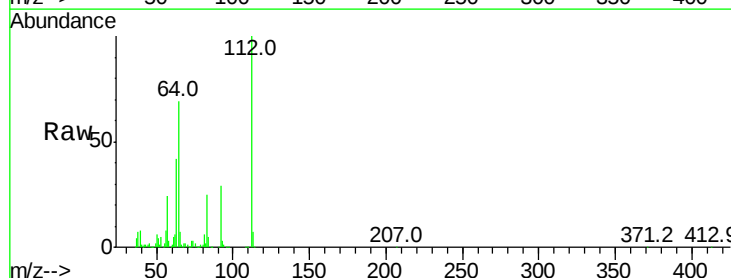
Tot Ion:152 Resp: 36361
 Ion Ratio Lower Upper
 152 100
 150 160.4 126.6 189.8
 115 72.7 53.0 79.4

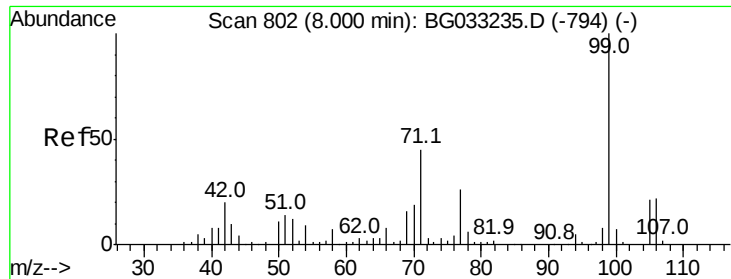


#5

2-Fluorophenol
 Concen: 173.399 ng
 RT: 6.31 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BG033286.D
 Acq: 21 Mar 2018 3:57

Tgt Ion:112 Resp: 336243
 Ion Ratio Lower Upper
 112 100
 64 69.3 56.3 84.5
 63 41.6 30.1 45.1





#7

Phenol-d6

Concen: 138.999 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

Instrument :

BNA_G

ClientSampleId :

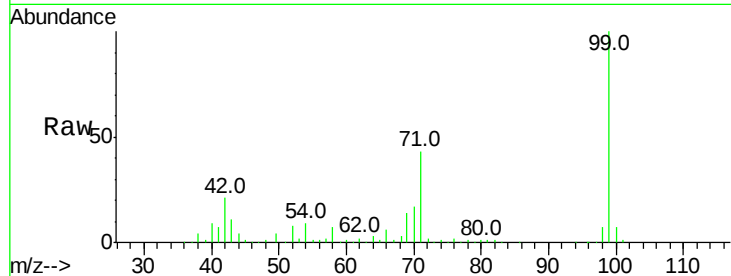
Tot Ion: 99 Resp: 463121

Ion Ratio Lower Upper

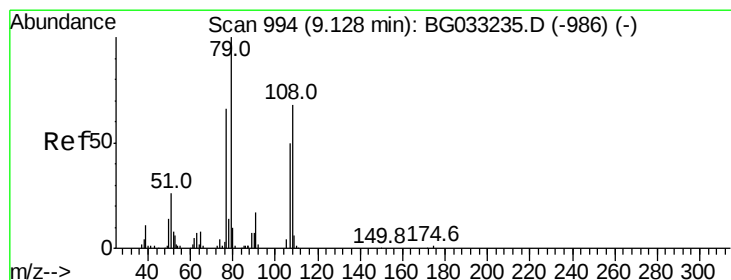
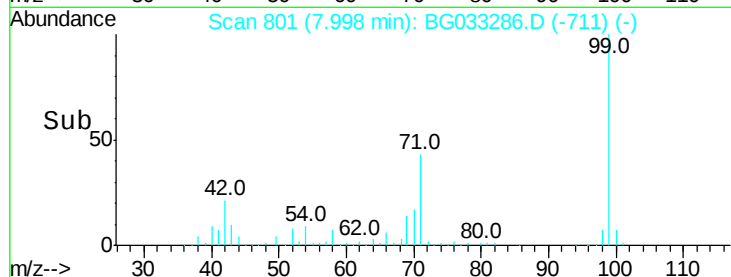
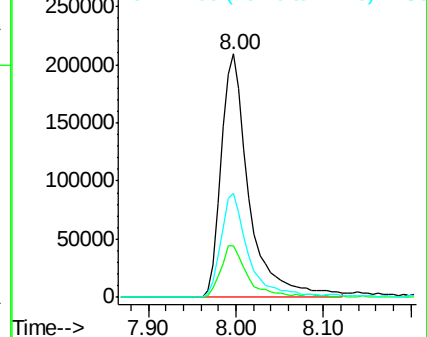
99 100

42 21.0 14.1 21.1

71 43.0 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: 2.267 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

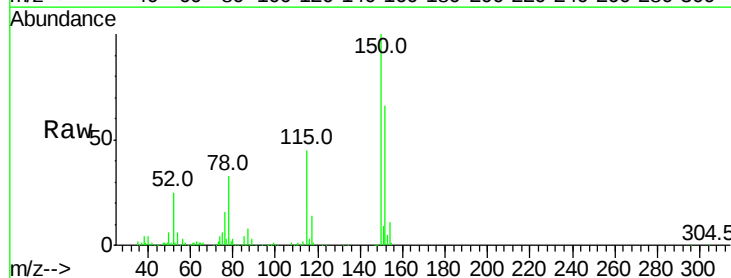
Tgt Ion: 79 Resp: 5946

Ion Ratio Lower Upper

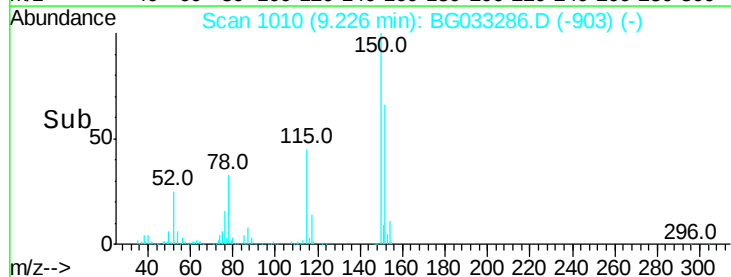
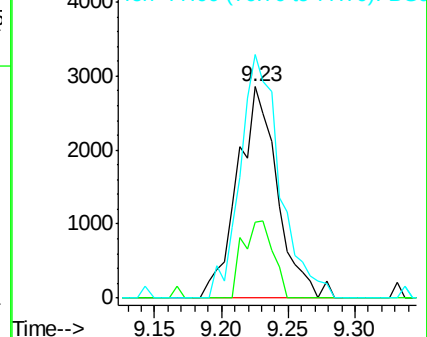
79 100

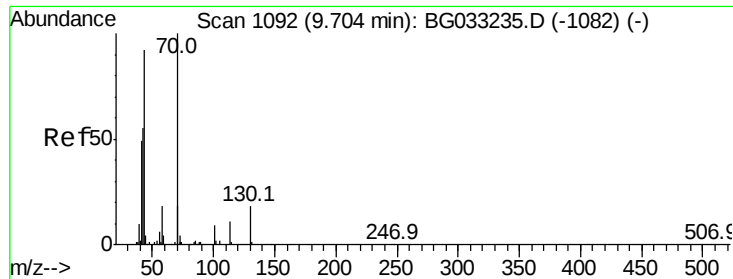
108 35.7 57.2 85.8#

77 115.2 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

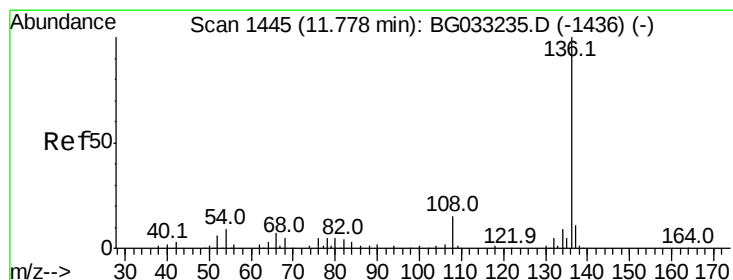
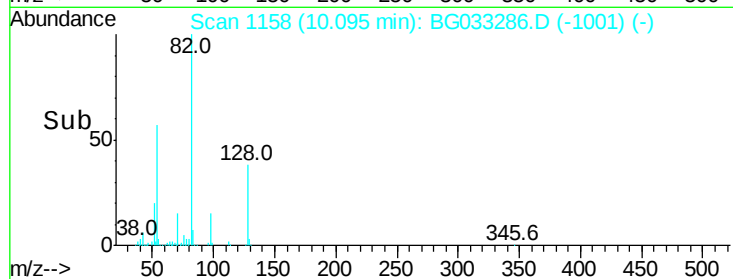
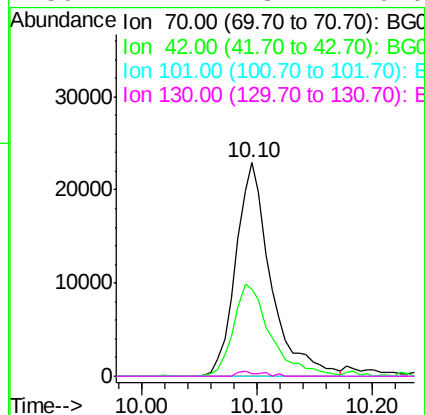
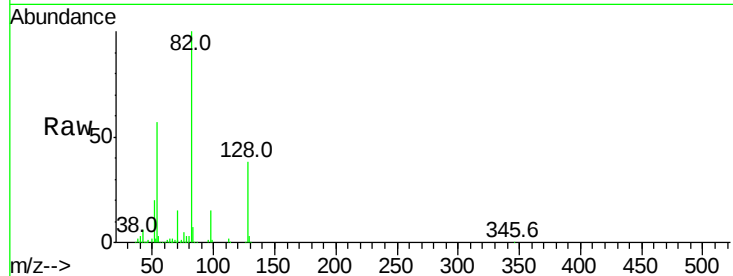




#19
n-Nitroso-di-n-propylamine
Concen: 19.815 ng
RT: 10.10 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

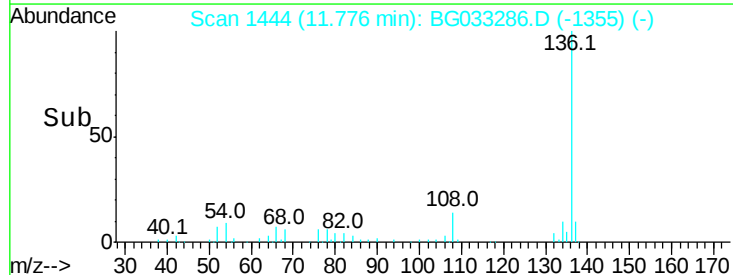
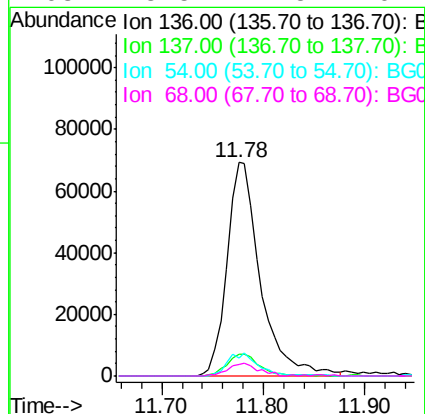
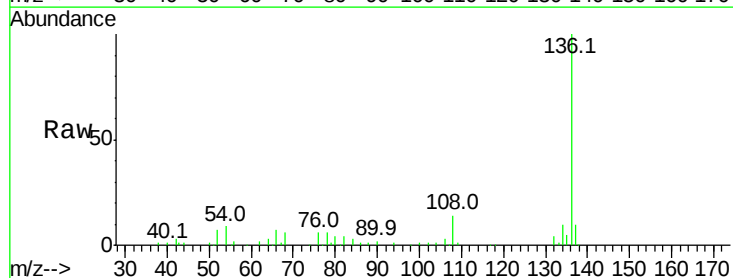
Instrument :
BNA_G
ClientSampleId :

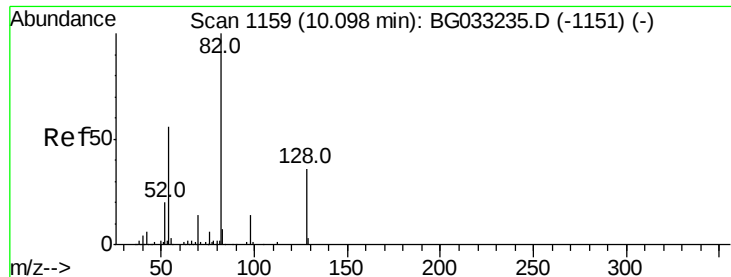
Tot Ion: 70 Resp: 48376
Ion Ratio Lower Upper
70 100
42 41.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Tgt Ion: 136 Resp: 157372
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 8.7 10.3 15.5#
68 5.5 4.5 6.7

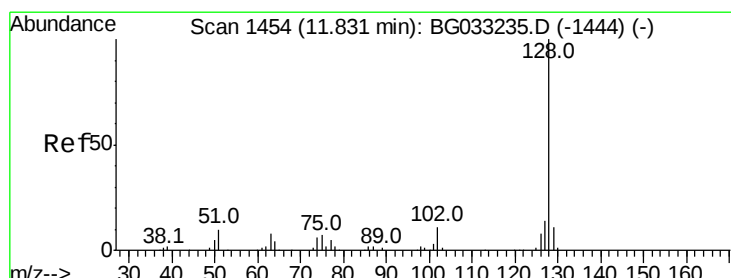
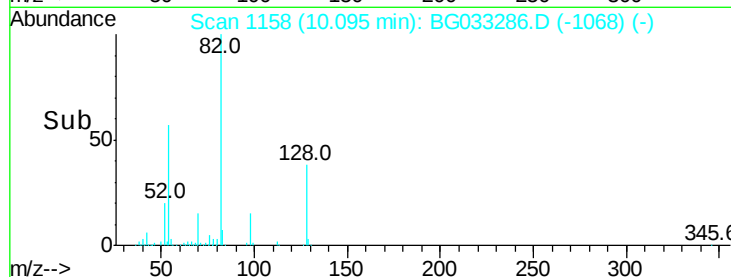
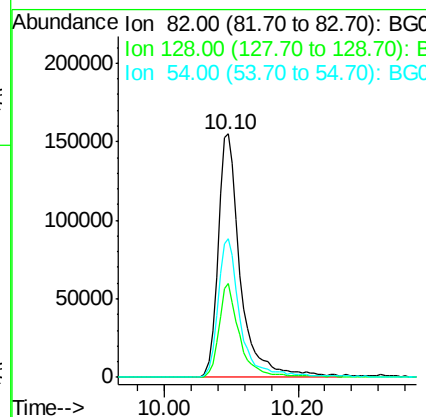
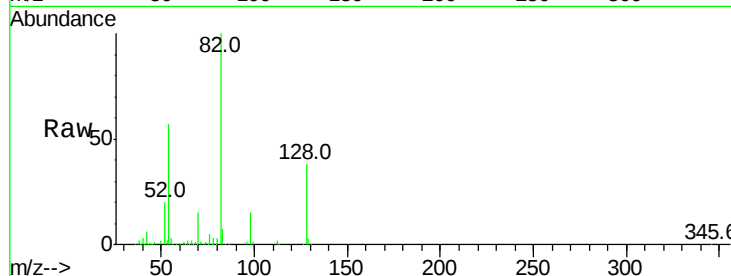




#23
Nitrobenzene-d5
Concen: 107.057 ng
RT: 10.10 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

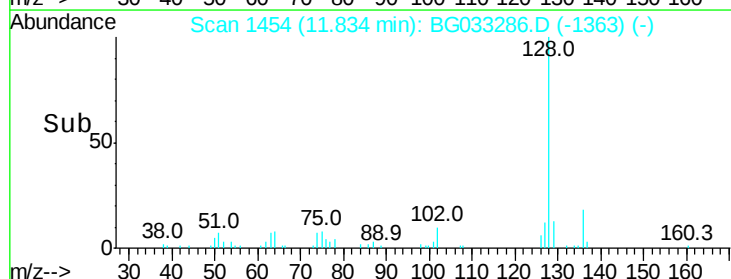
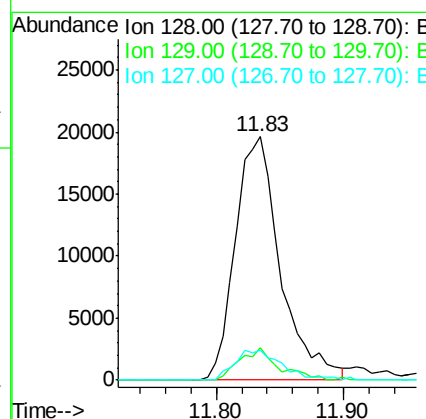
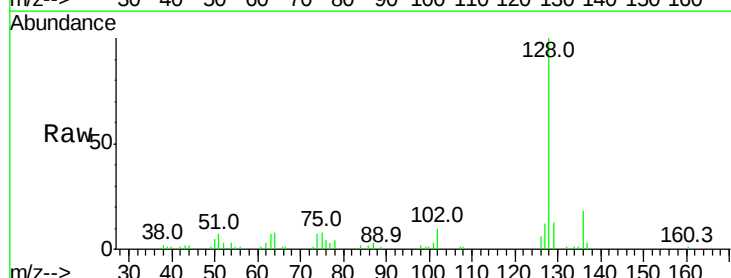
Instrument :
BNA_G
ClientSampleId :

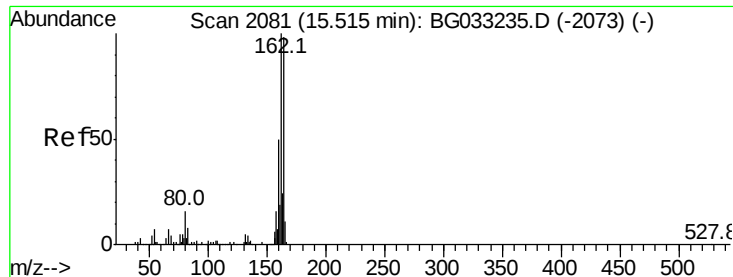
Tot Ion: 82 Resp: 366702
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 57.0 43.1 64.7



#31
Naphthalene
Concen: 5.921 ng
RT: 11.83 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Tgt Ion:128 Resp: 48290
Ion Ratio Lower Upper
128 100
129 13.4 8.6 12.8#
127 12.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

Instrument :

BNA_G

ClientSampleId :

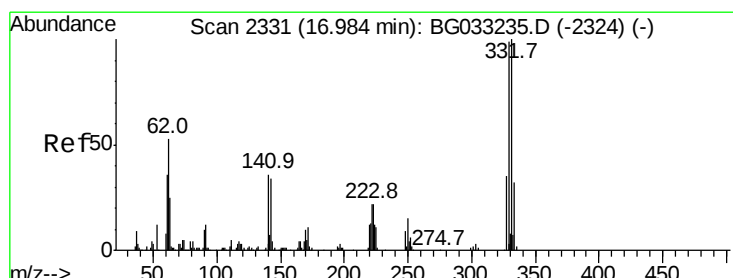
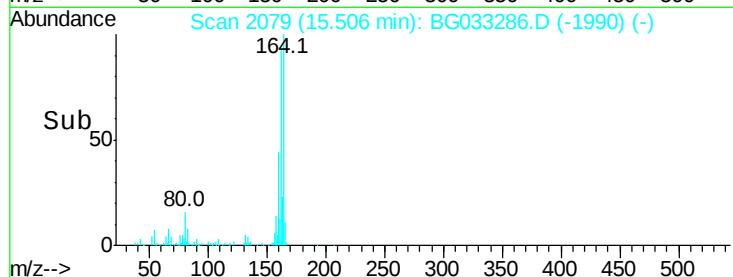
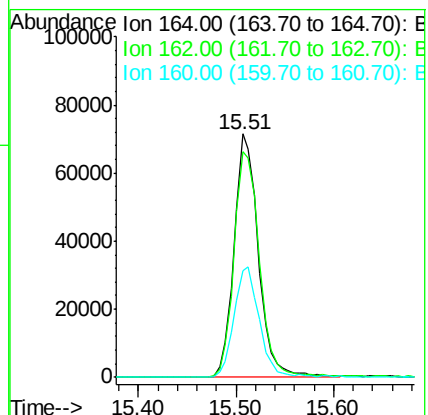
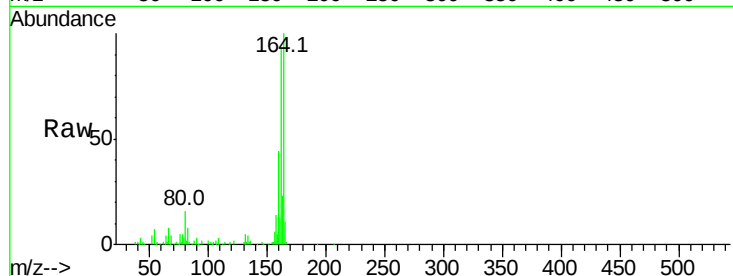
Tot Ion:164 Resp: 123689

Ion Ratio Lower Upper

164 100

162 92.7 78.8 118.2

160 44.0 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 152.051 ng

RT: 16.99 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

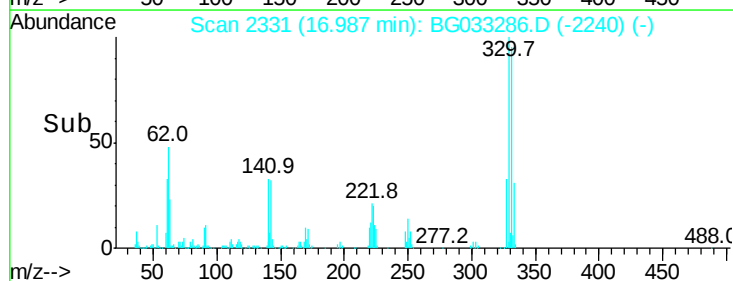
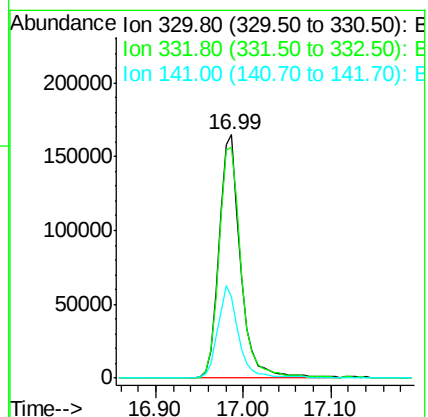
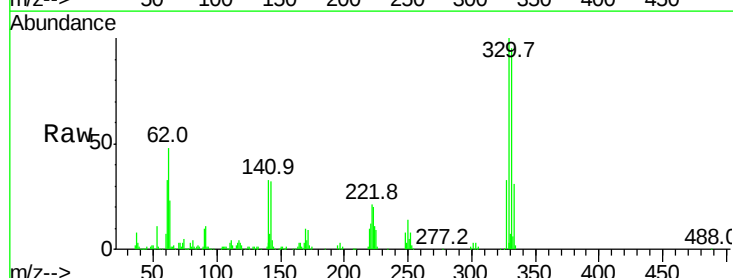
Tgt Ion:330 Resp: 281281

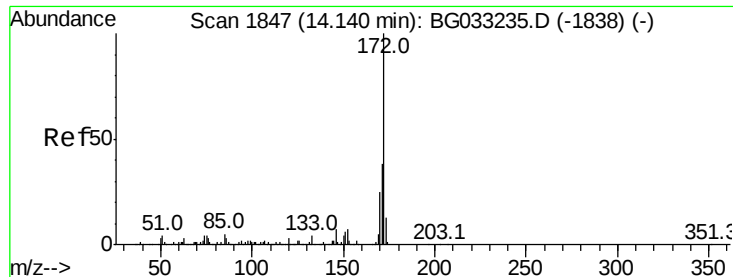
Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

141 35.9 25.2 37.8

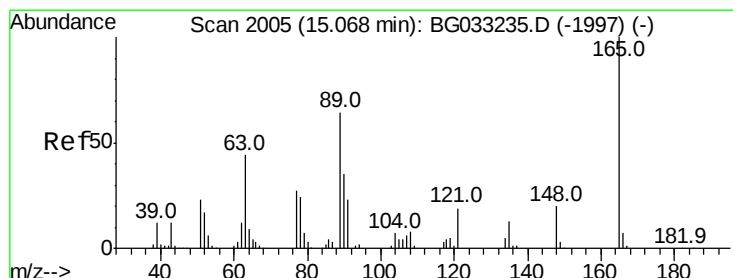
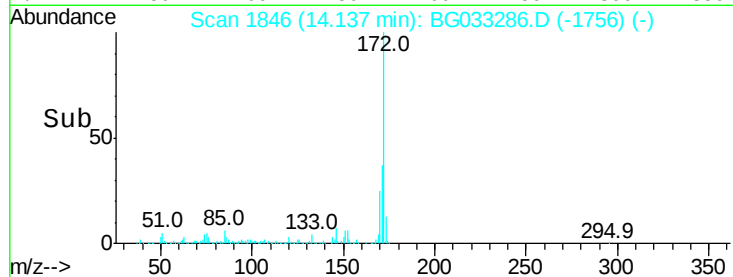
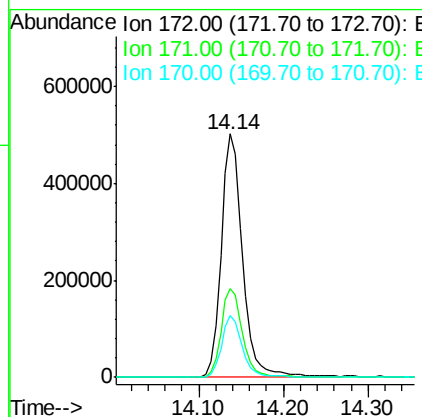
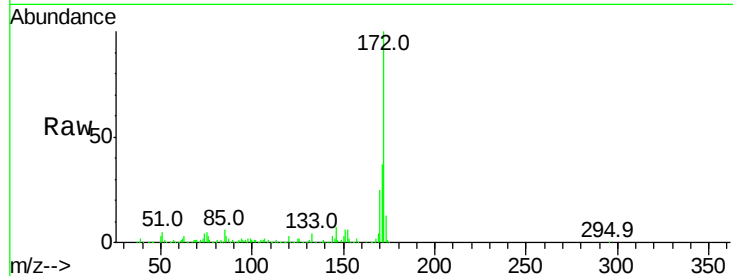




#44
 2-Fluorobiphenyl
 Concen: 103.034 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033286.D
 Acq: 21 Mar 2018 3:57

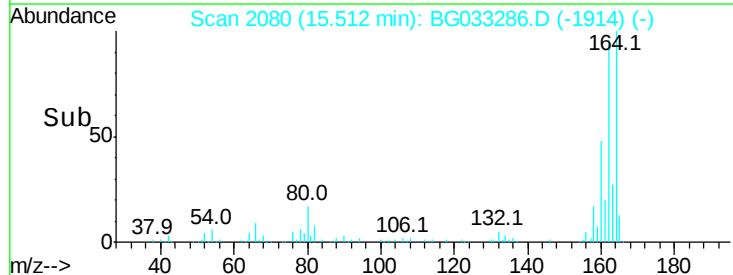
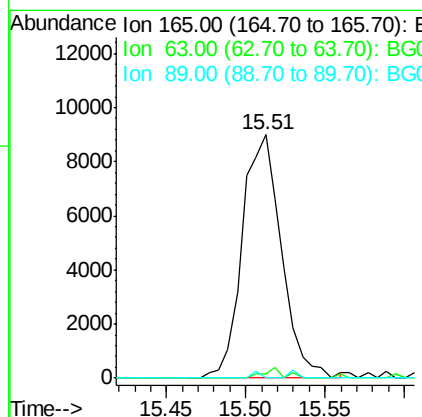
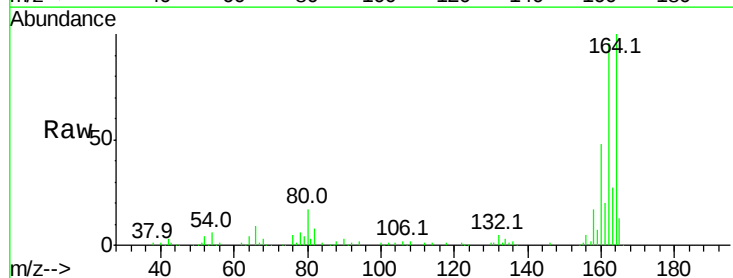
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 882784
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 25.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.020 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.44 min
 Lab File: BG033286.D
 Acq: 21 Mar 2018 3:57

Tgt Ion:165 Resp: 15450
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 4.767 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.33 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 15450

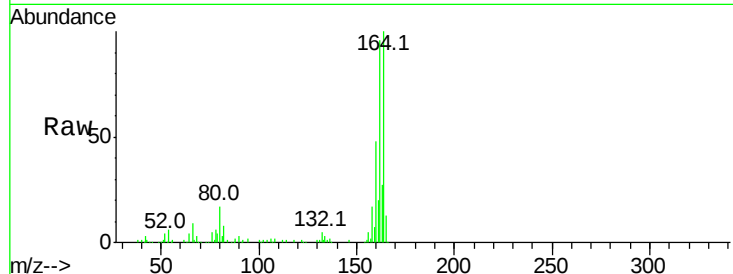
Ion Ratio Lower Upper

165 100

63 1.9 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

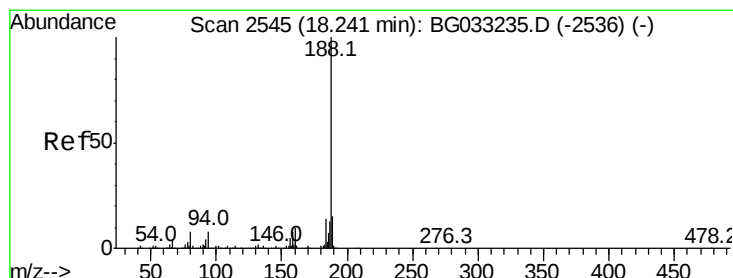
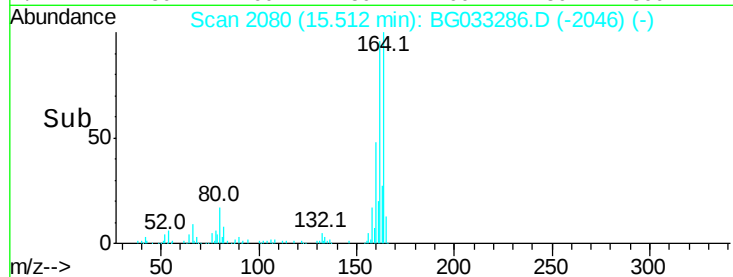
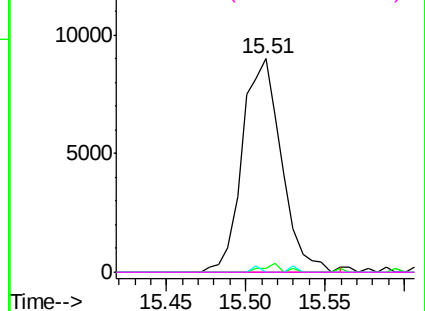


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

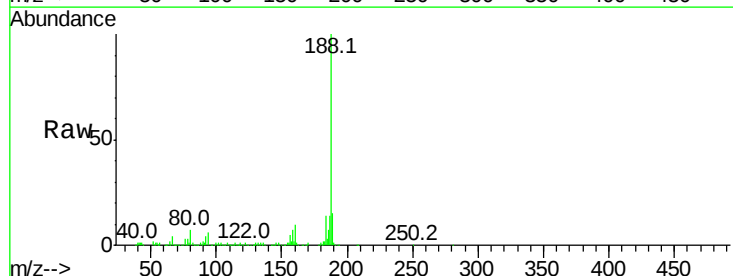
Tgt Ion:188 Resp: 327448

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

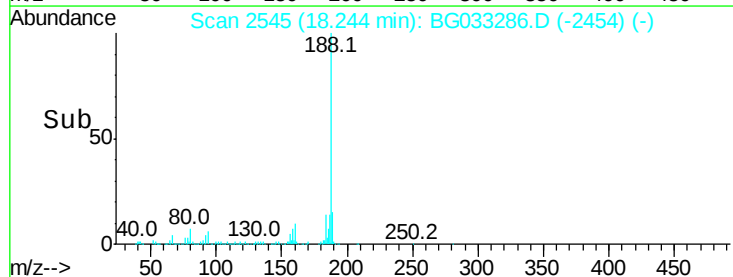
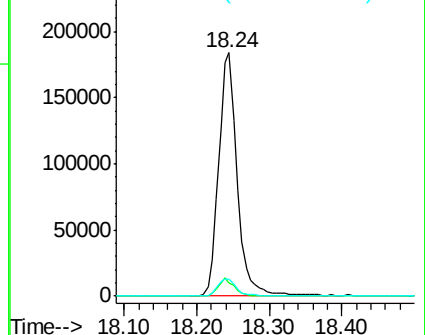
80 6.9 7.7 11.5#



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

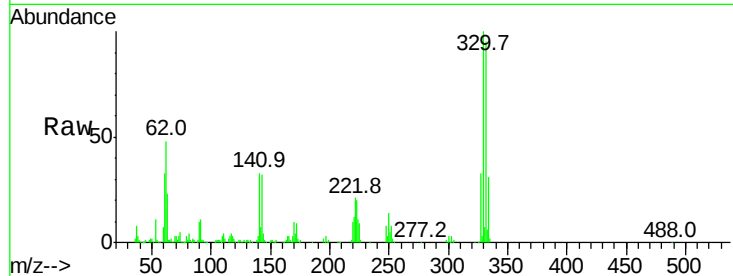




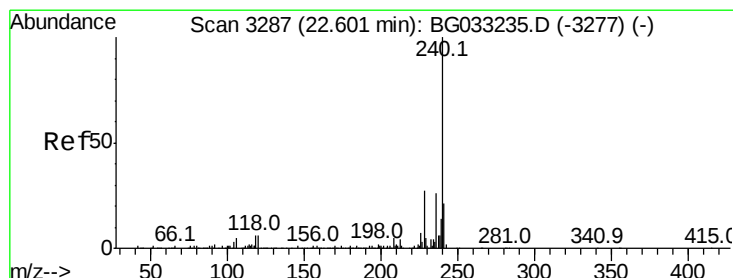
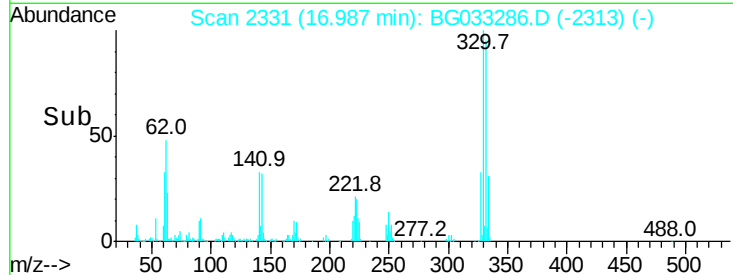
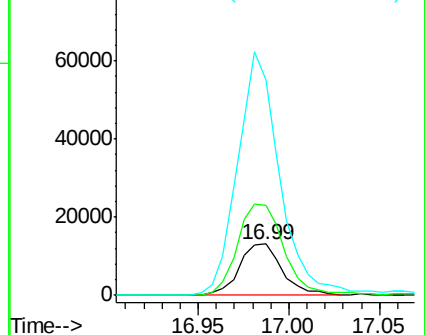
#66
4-Bromophenyl-phenylether
Concen: 5.620 ng
RT: 16.99 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21611
Ion Ratio Lower Upper
248 100
250 177.4 77.1 115.7#
141 422.4 50.8 76.2#

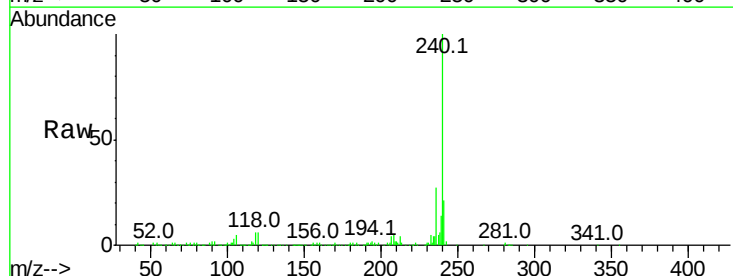


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

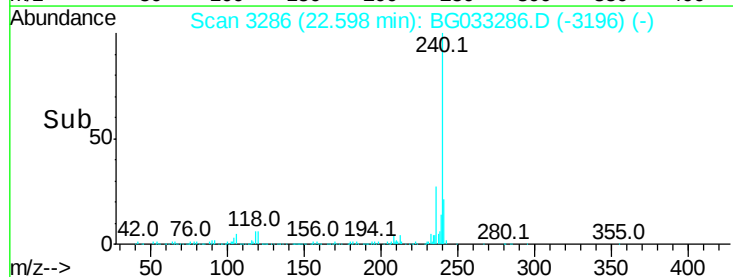
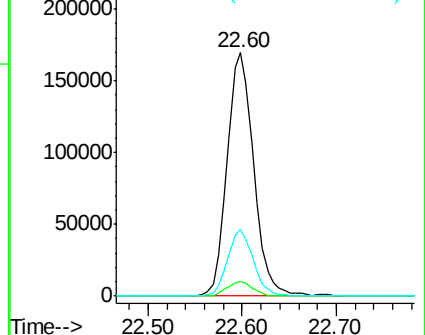


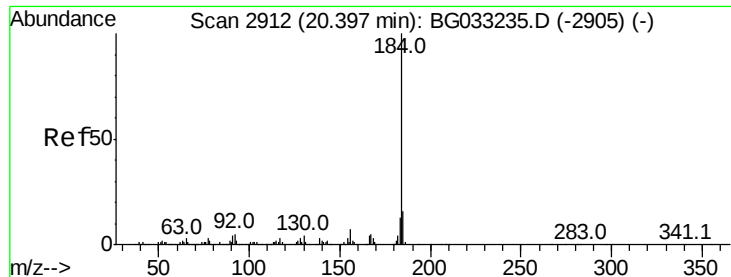
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Tgt Ion:240 Resp: 333680
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 27.4 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

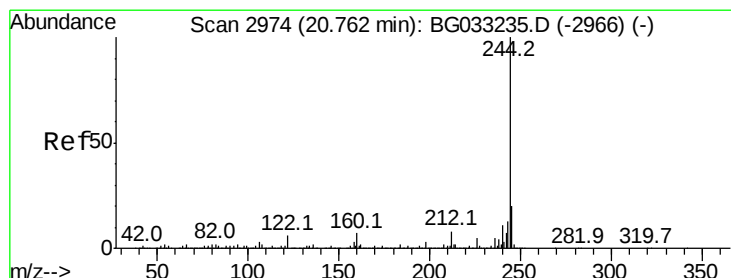
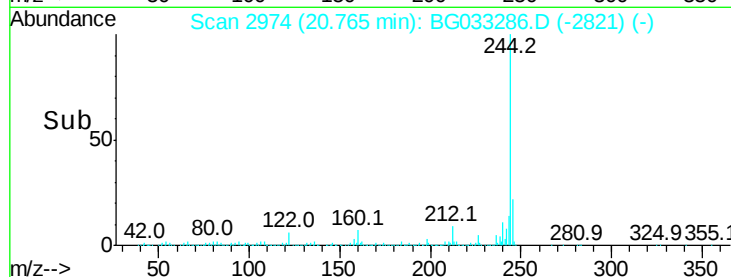
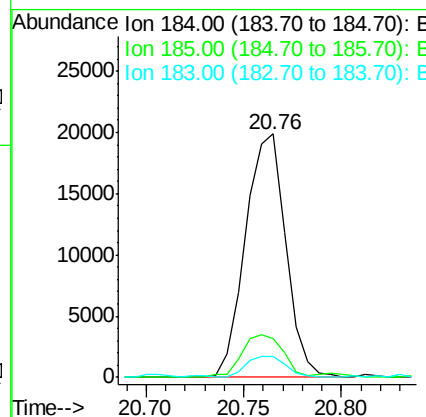
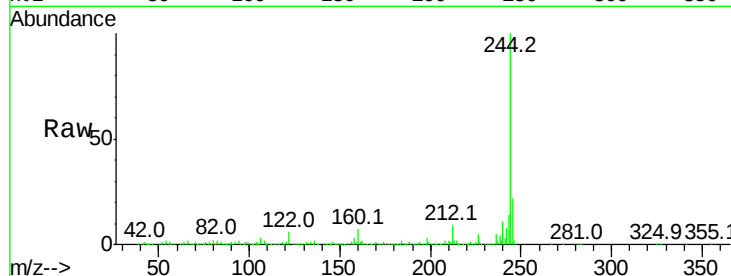




#76
Benzidine
Concen: 3.146 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.37 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

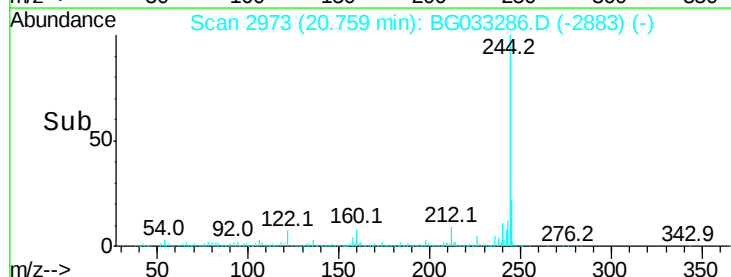
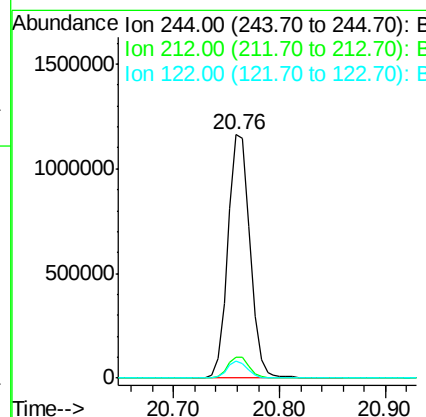
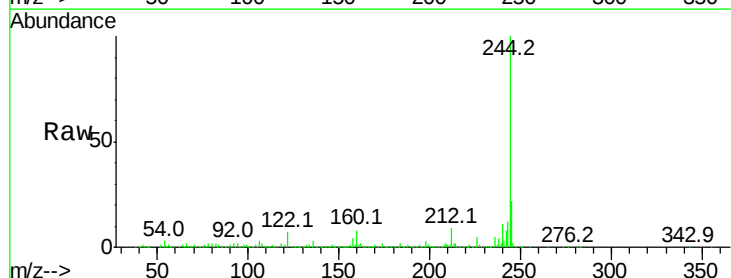
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 28466
Ion Ratio Lower Upper
184 100
185 16.1 11.1 16.7
183 8.6 10.6 16.0#



#78
Terphenyl-d14
Concen: 107.868 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Tgt Ion:244 Resp: 1683032
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 7.3 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. -0.00 min
 Lab File: BG033286.D
 Acq: 21 Mar 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	20.8	17.7	26.5

