

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033498.D
 Acq On : 2 Apr 2018 21:53
 Operator : SJ/JU
 Sample : J2114-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:03:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

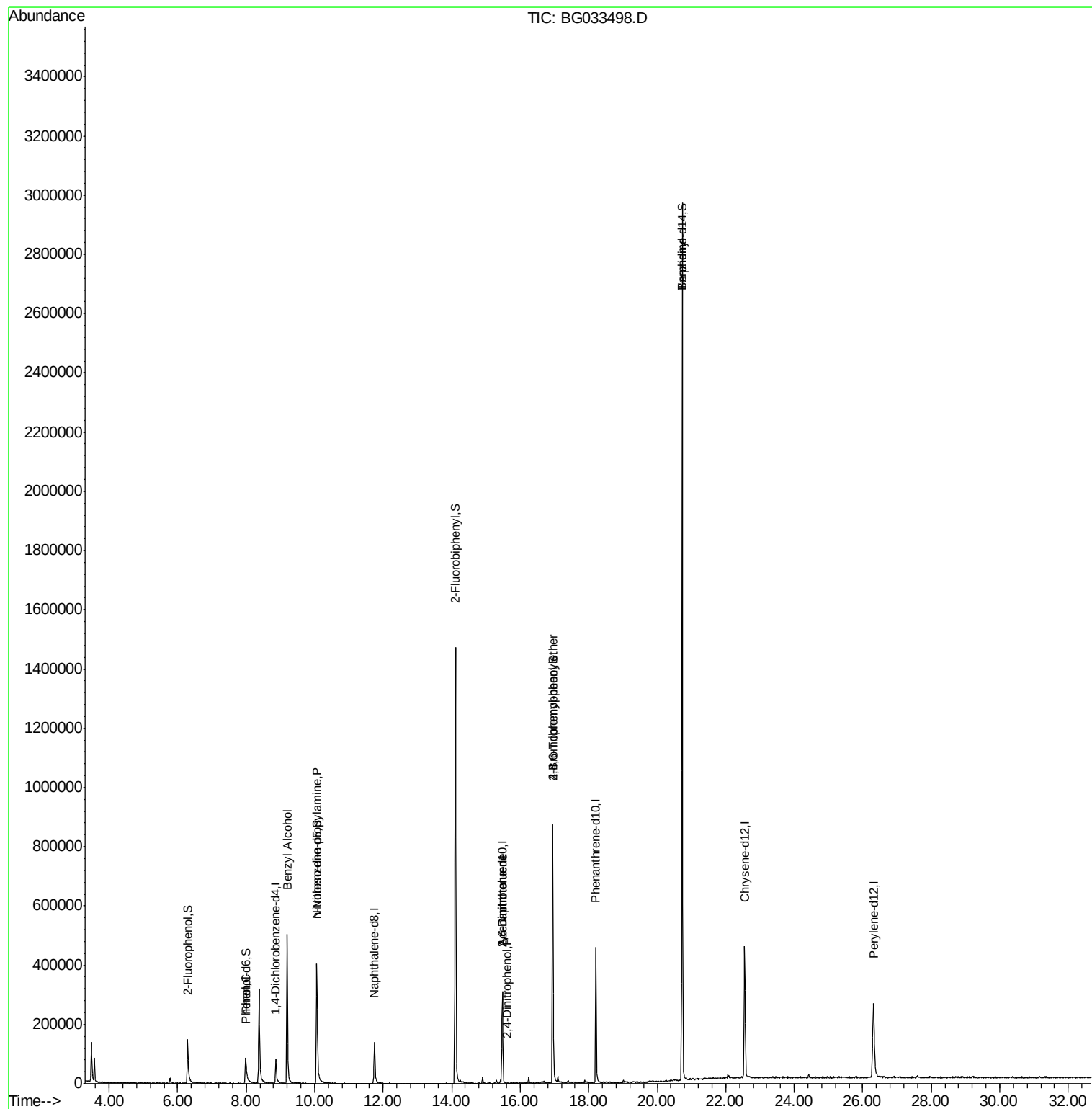
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32667	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	146680	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	119950	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	330505	20.00	ng	0.00
75) Chrysene-d12	22.56	240	336183	20.00	ng	0.00
86) Perylene-d12	26.32	264	354055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	89833	51.57	ng	0.00
7) Phenol-d6	7.98	99	81987	27.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	328068	102.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	179245	99.91	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	833140	100.27	ng	0.00
78) Terphenyl-d14	20.73	244	1503283	95.63	ng	0.00
Target Compounds						
10) Phenol	8.01	94	8282	2.802	ng	82
15) Benzyl Alcohol	9.19	79	5374	2.280	ng	# 43
19) n-Nitroso-di-n-propylamine	10.06	70	43707	19.927	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	15246	7.143	ng	# 18
53) 2,4-Dinitrophenol	15.62	184	53	7.686	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15307	4.871	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	14081	3.628	ng	# 1
76) Benzidine	20.73	184	25804	2.830	ng	# 94

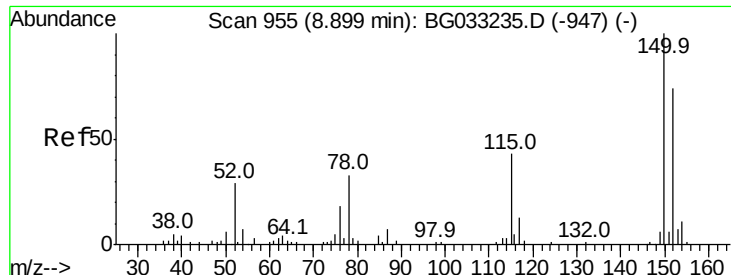
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
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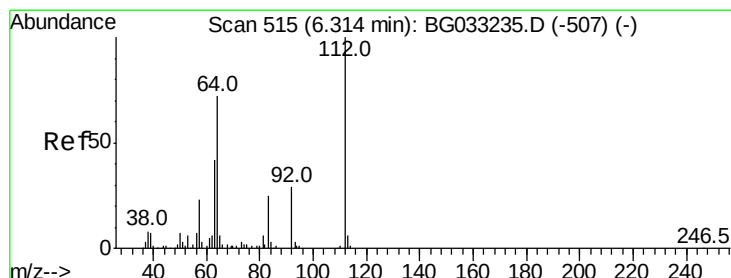
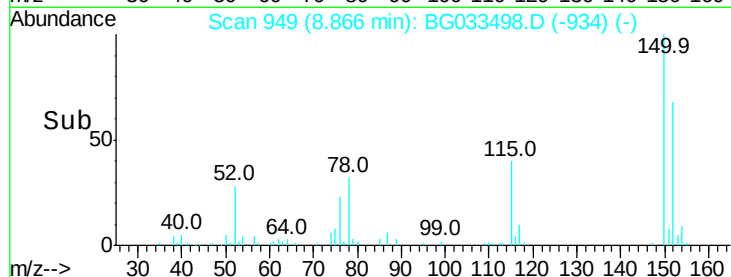
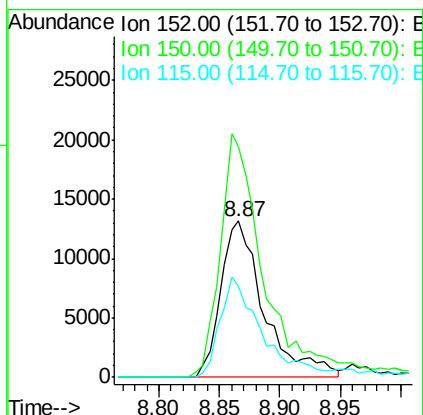
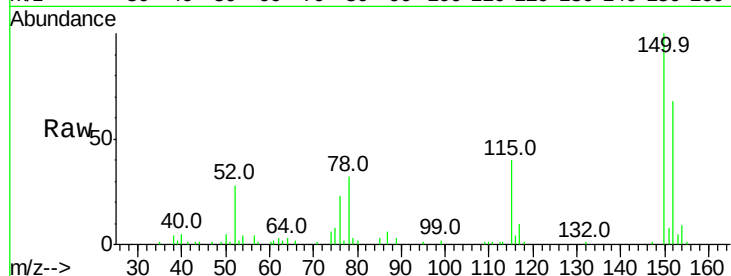


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

Instrument :
BNA_G
ClientSampled :

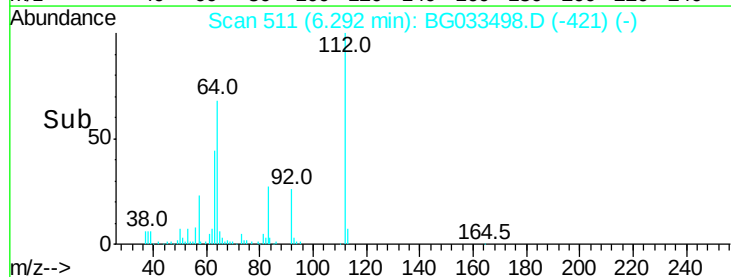
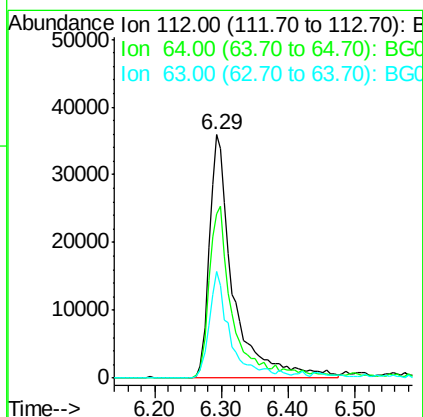
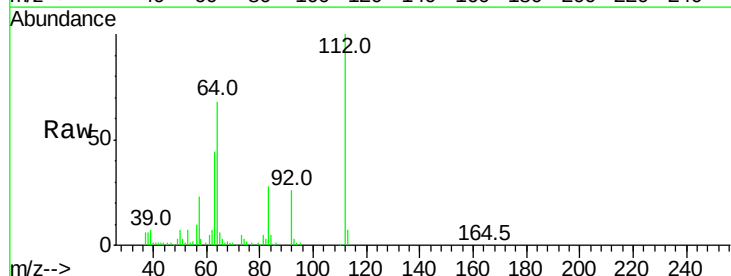
Tot Ion:152 Resp: 32667
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 58.4 53.0 79.4

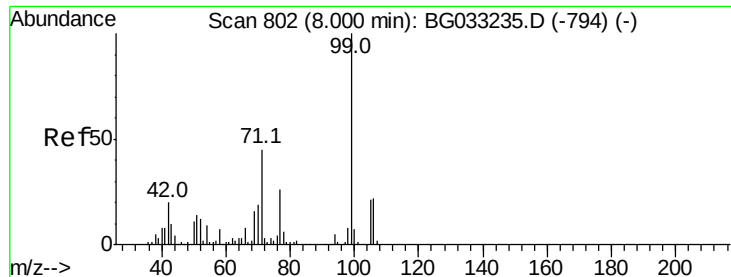


#5

2-Fluorophenol
Concen: 51.565 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

Tgt Ion:112 Resp: 89833
Ion Ratio Lower Upper
112 100
64 67.6 56.3 84.5
63 43.9 30.1 45.1





#7

Phenol-d6

Concen: 27.390 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

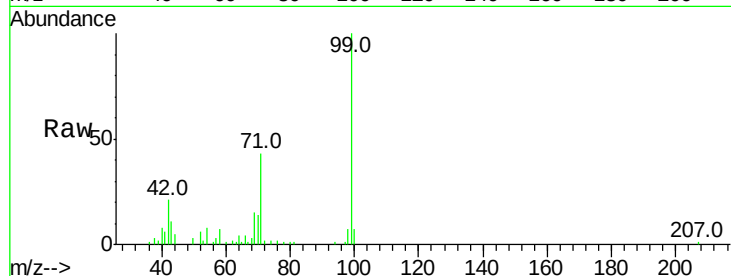
Tot Ion: 99 Resp: 81987

Ion Ratio Lower Upper

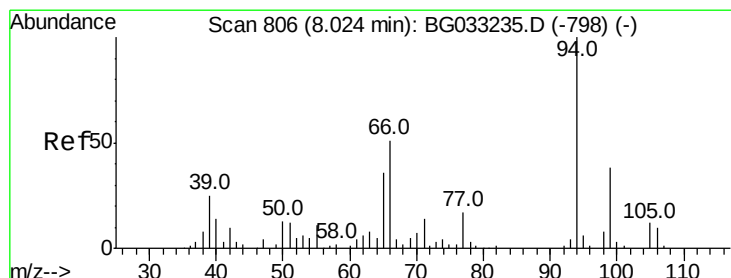
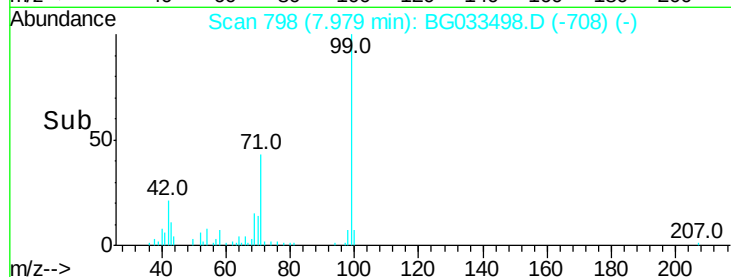
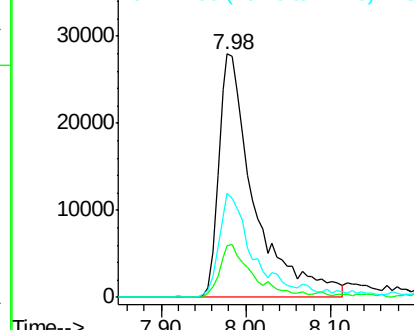
99 100

42 21.4 14.1 21.1#

71 42.8 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



#10

Phenol

Concen: 2.802 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

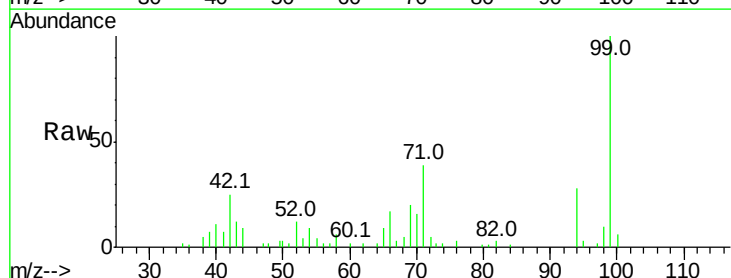
Tgt Ion: 94 Resp: 8282

Ion Ratio Lower Upper

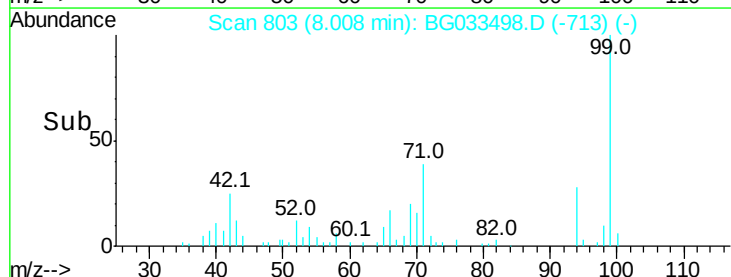
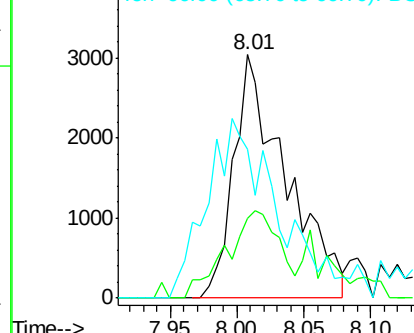
94 100

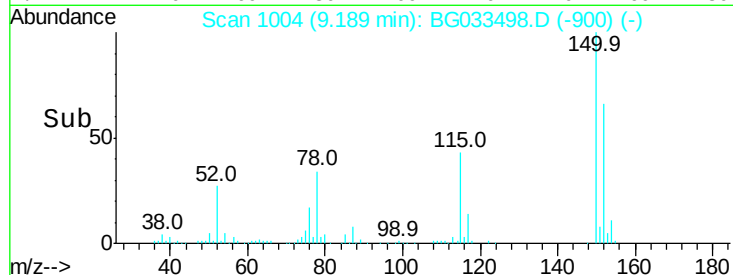
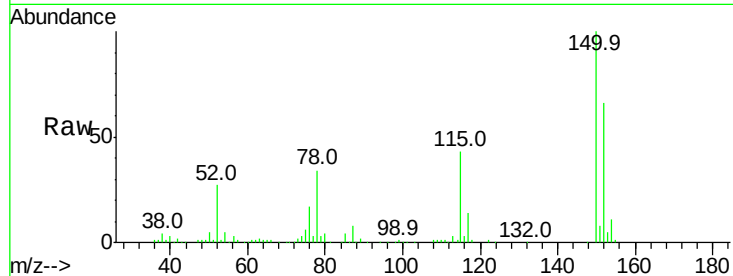
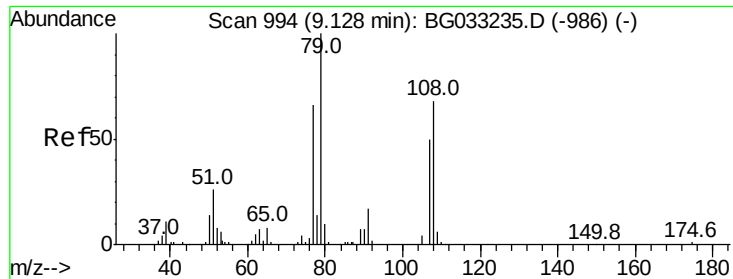
65 32.9 11.9 51.9

66 61.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

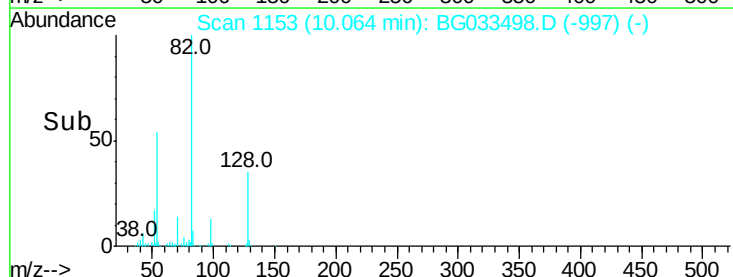
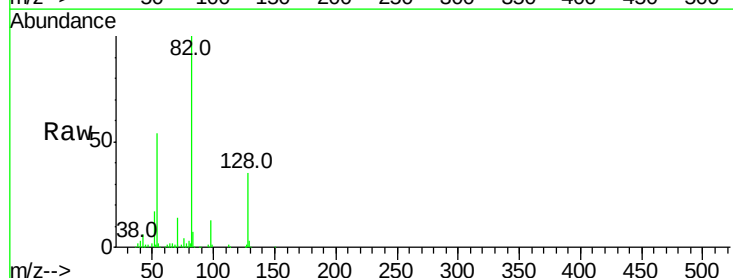
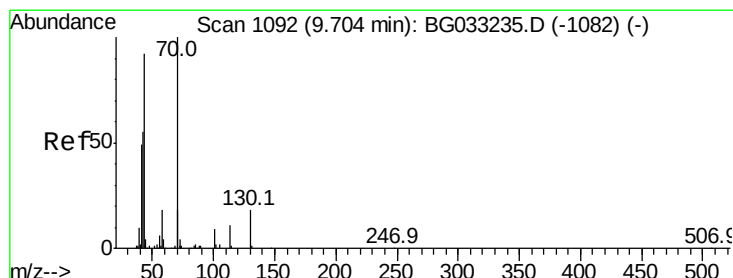
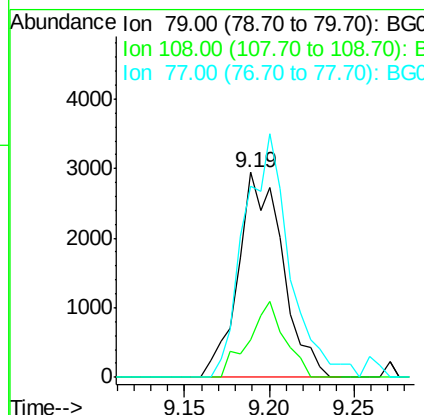




#15
Benzyl Alcohol
Concen: 2.280 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.08 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

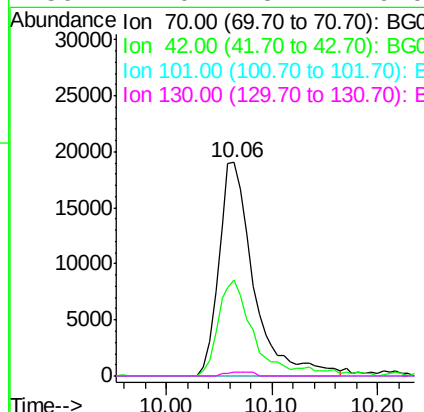
Instrument :
BNA_G
ClientSampleId :

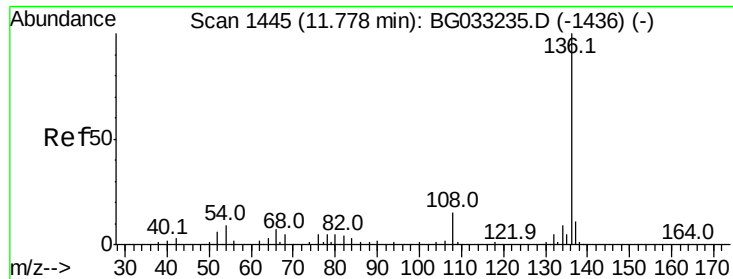
Tot Ion: 79 Resp: 5374
Ion Ratio Lower Upper
79 100
108 18.2 57.2 85.8#
77 93.3 46.1 69.1#



#19
n-Nitroso-di-n-propylamine
Concen: 19.927 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

Tgt Ion: 70 Resp: 43707
Ion Ratio Lower Upper
70 100
42 45.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#

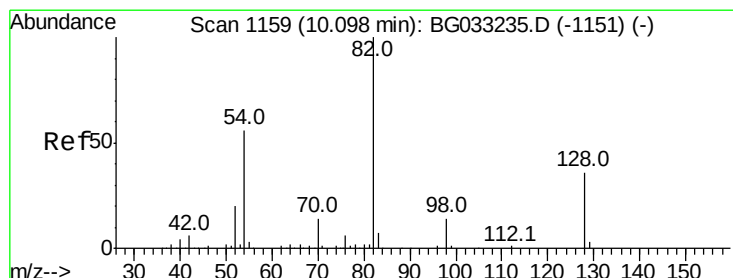
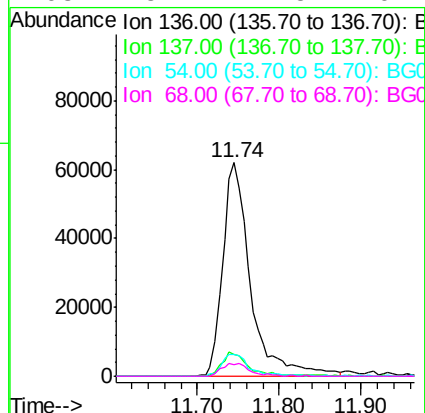
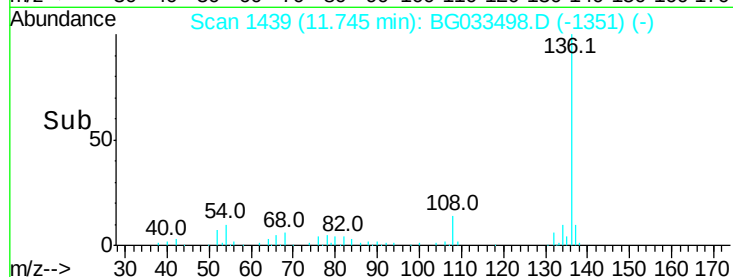
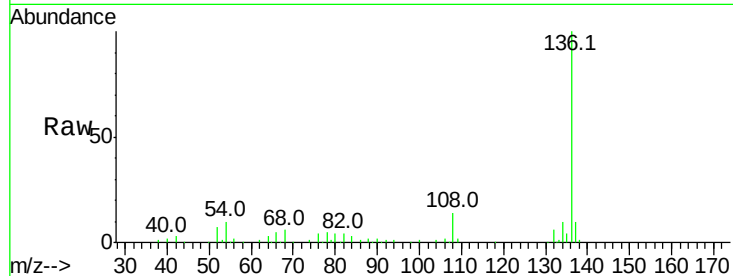




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

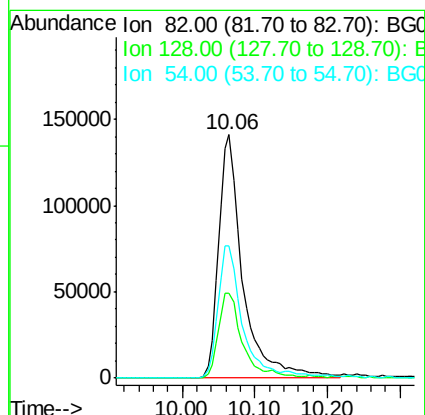
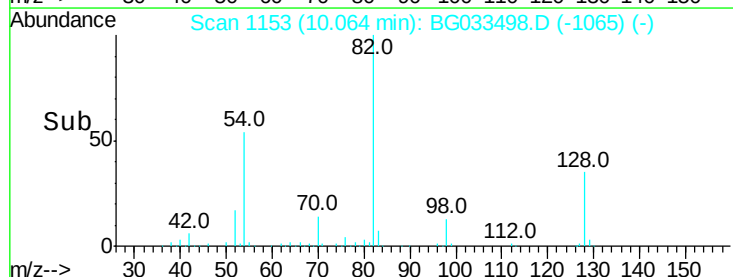
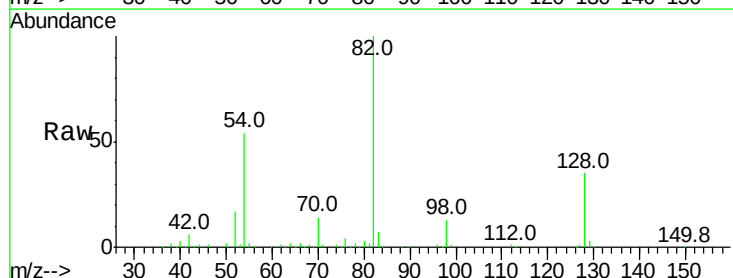
Instrument :
BNA_G
ClientSampleId :

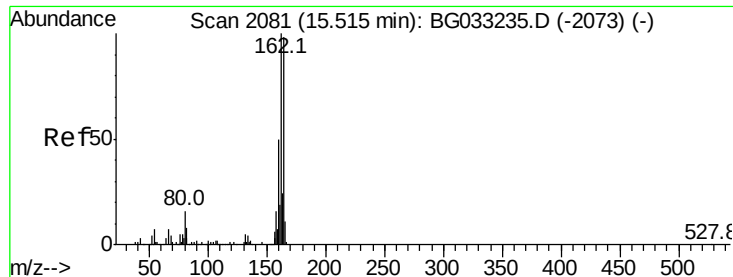
Tot Ion:136 Resp: 146680
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 10.1 10.3 15.5#
68 5.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 102.760 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033498.D
Acq: 2 Apr 2018 21:53

Tgt Ion: 82 Resp: 328068
Ion Ratio Lower Upper
82 100
128 34.6 29.7 44.5
54 54.1 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

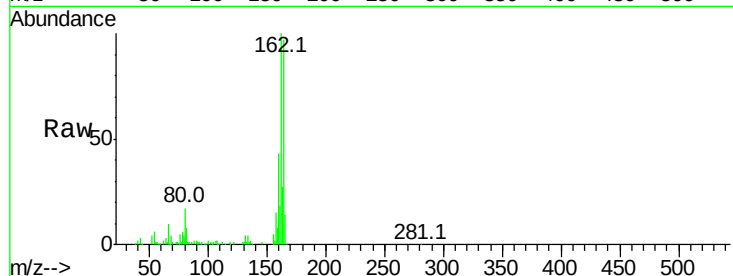
Tot Ion:164 Resp: 119950

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

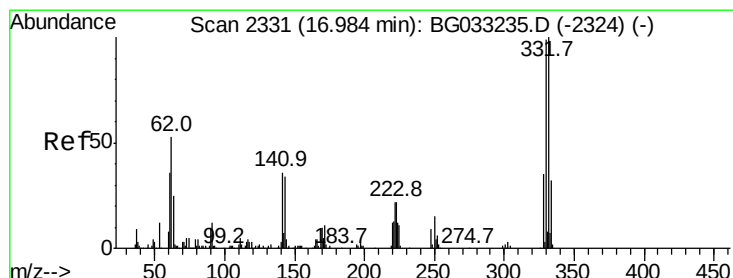
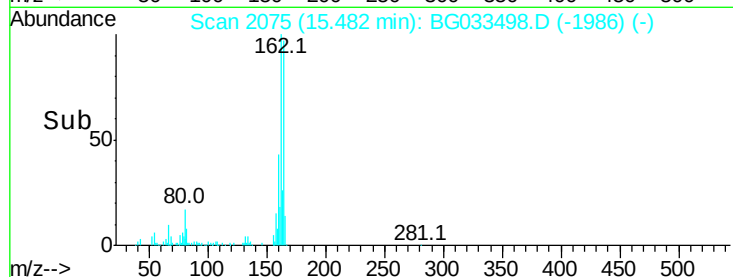
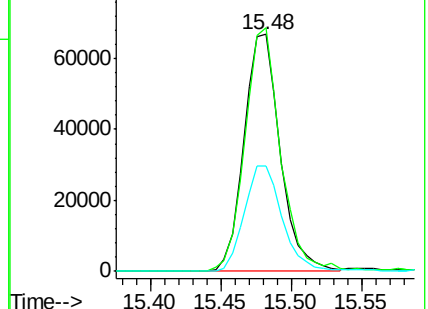
160 44.5 35.4 53.0



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: 99.914 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

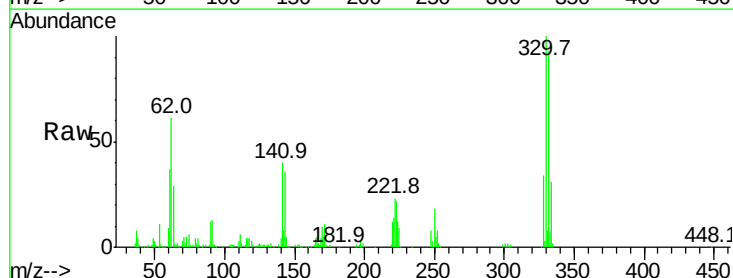
Tgt Ion:330 Resp: 179245

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

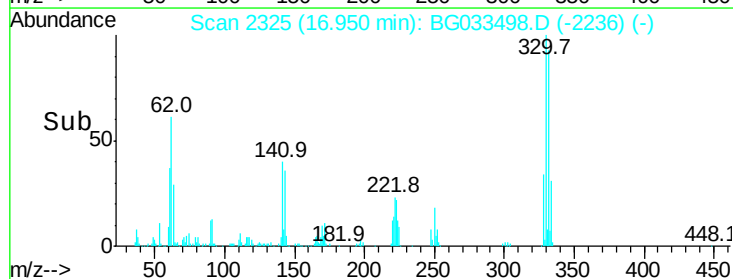
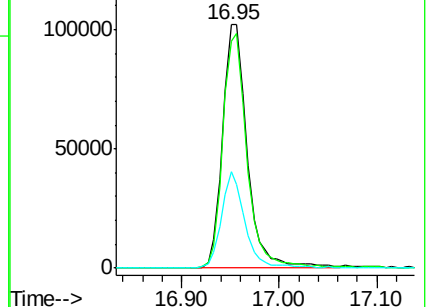
141 37.5 25.2 37.8

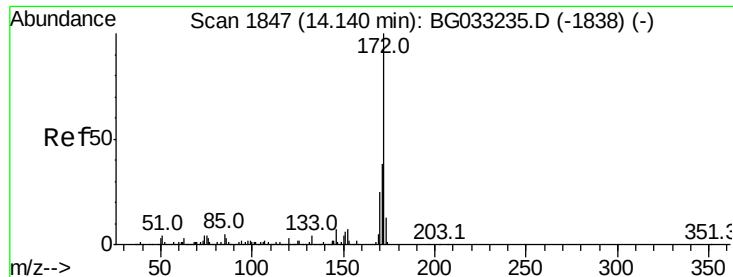


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 100.271 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

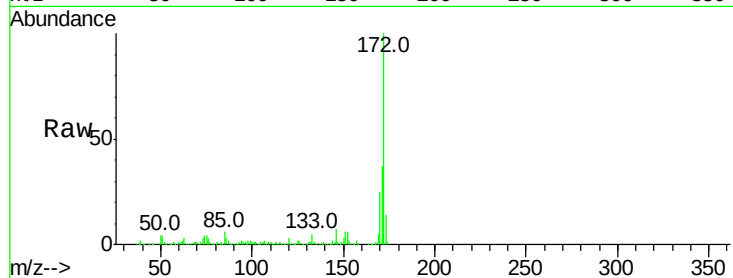
Tot Ion:172 Resp: 833140

Ion Ratio Lower Upper

172 100

171 37.2 30.0 45.0

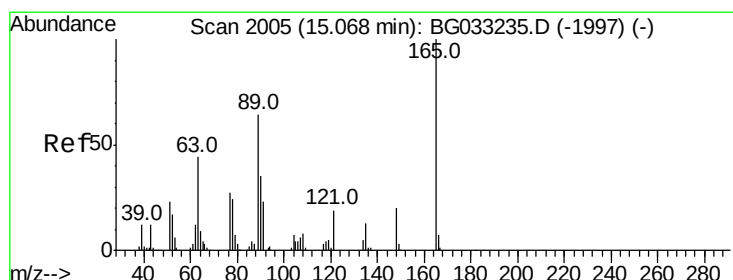
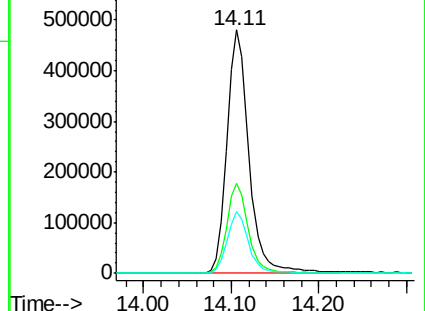
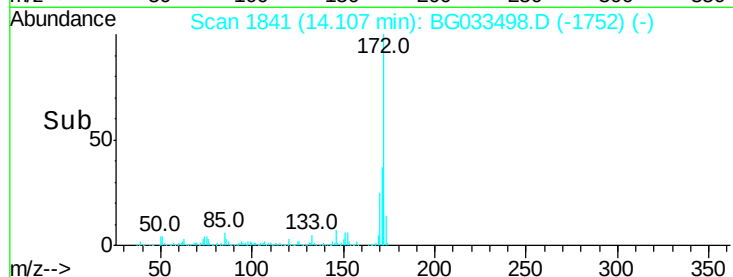
170 25.4 19.5 29.3



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



#50

2,6-Dinitrotoluene

Concen: 7.143 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.43 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

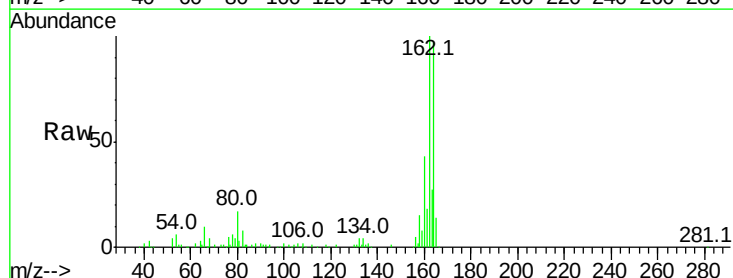
Tgt Ion:165 Resp: 15246

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

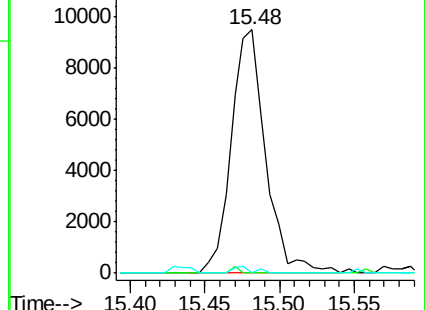
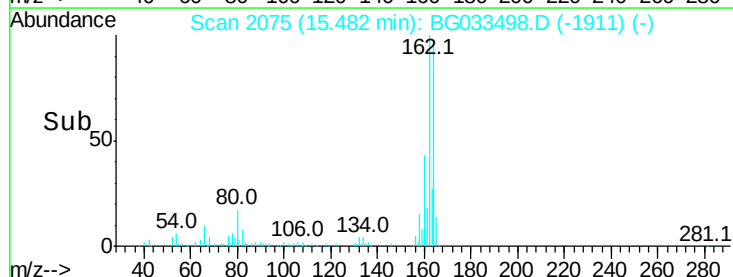
89 0.0 49.2 73.8#

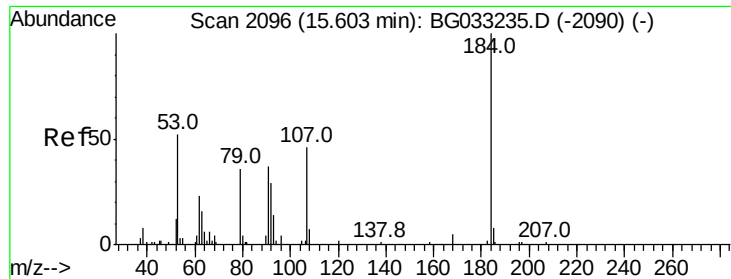


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

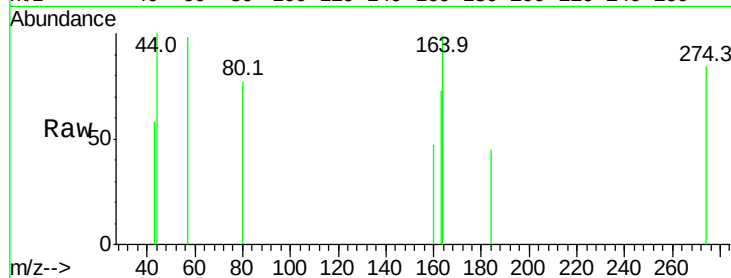




#53
 2,4-Dinitrophenol
 Concen: 7.686 ng
 RT: 15.62 min Scan# 2099
 Delta R.T. 0.04 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

Instrument :
 BNA_G
 ClientSampleId :

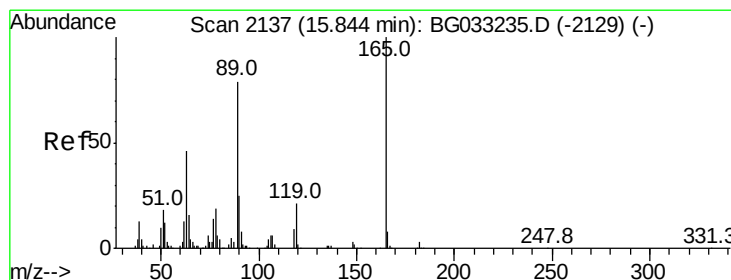
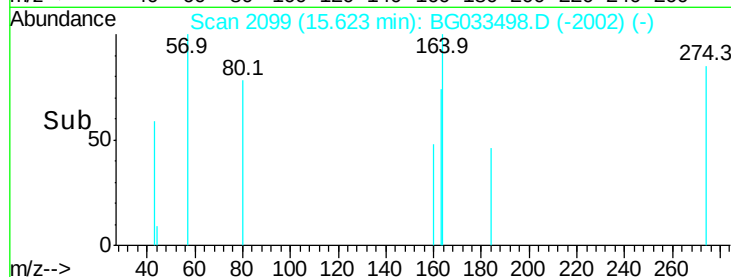
Tot Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

15.62

Time--> 15.60 15.62 15.64



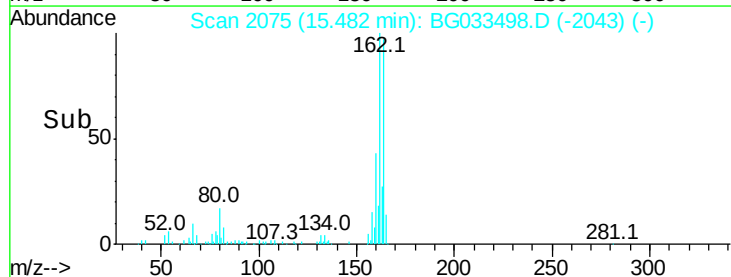
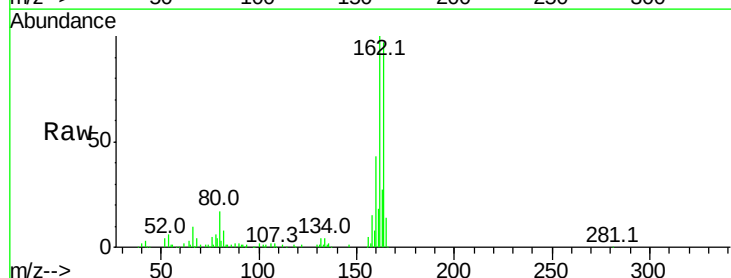
#56
 2,4-Dinitrotoluene
 Concen: 4.871 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

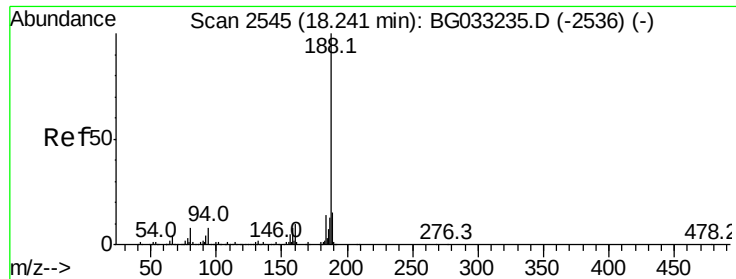
Tgt Ion:165 Resp: 15307
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

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

15.48

Time--> 15.40 15.50

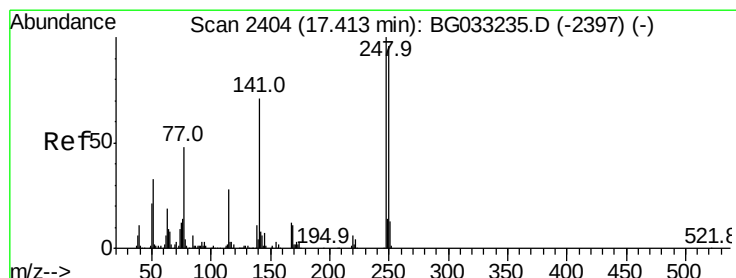
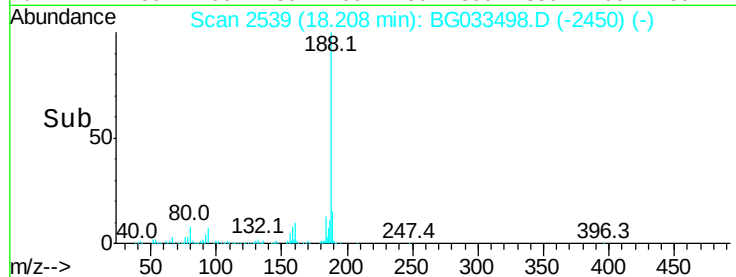
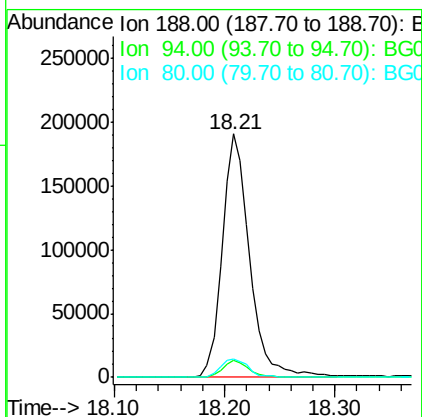
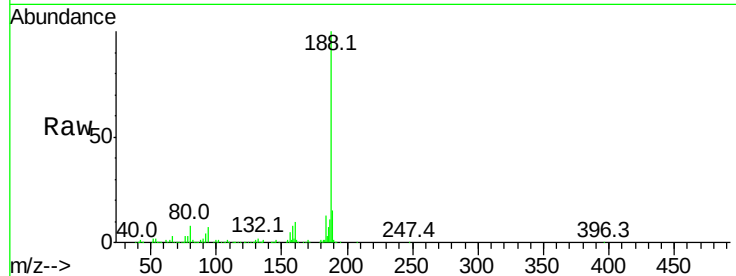




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

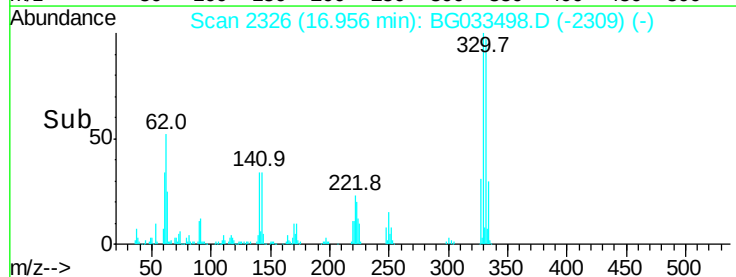
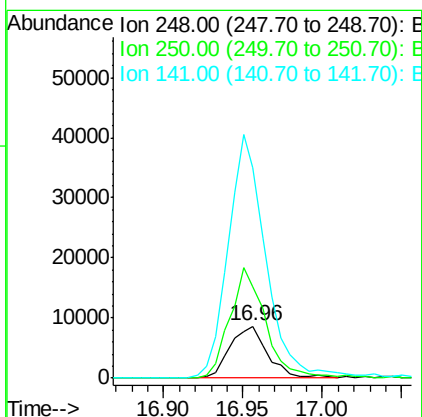
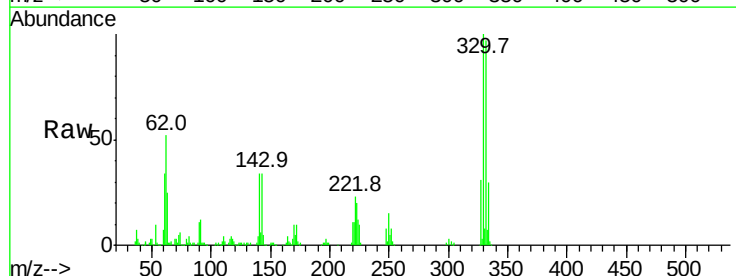
Instrument :
 BNA_G
 ClientSampled :

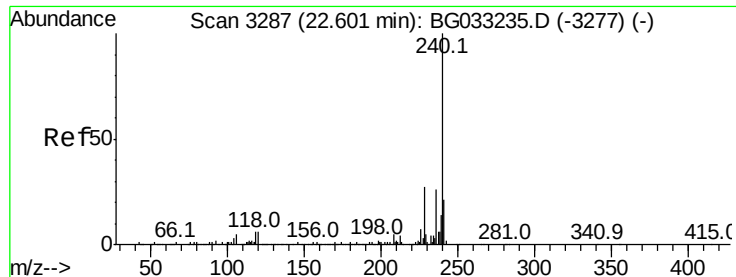
Tot Ion:188	Resp:	330505
Ion Ratio	Lower	Upper
188	100	
94	6.9	6.9 10.3
80	7.8	7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.628 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

Tgt Ion:248	Resp:	14081
Ion Ratio	Lower	Upper
248	100	
250	177.4	77.1 115.7#
141	406.1	50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

Instrument :

BNA_G

ClientSampleId :

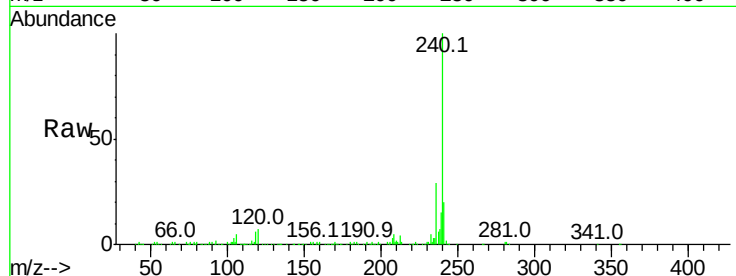
Tot Ion:240 Resp: 336183

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

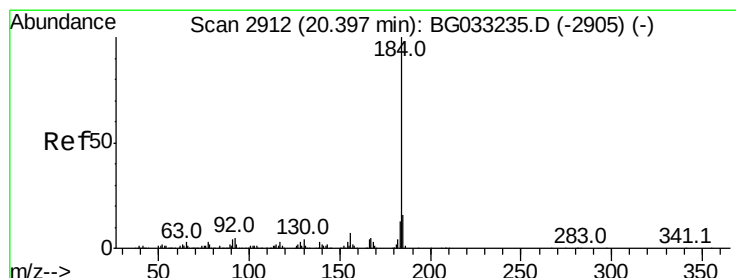
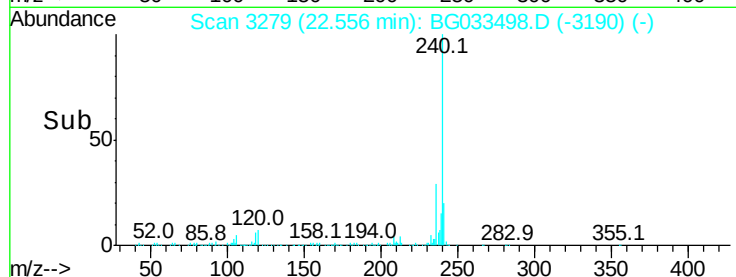
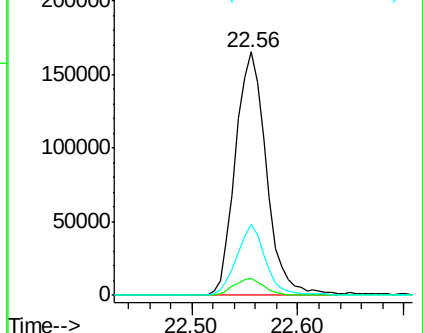
236 29.0 20.9 31.3



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: 2.830 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033498.D

Acq: 2 Apr 2018 21:53

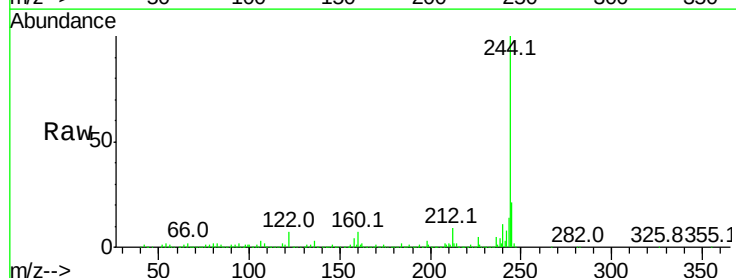
Tgt Ion:184 Resp: 25804

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

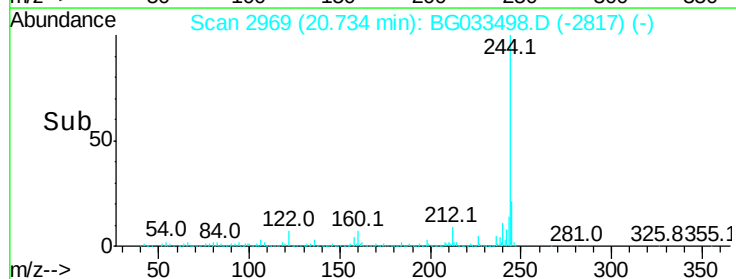
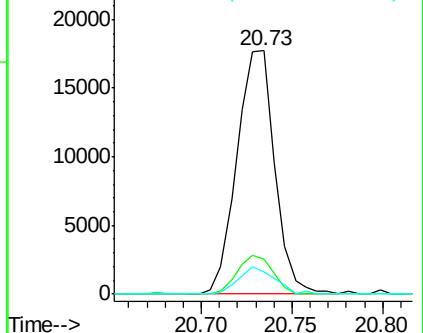
183 9.0 10.6 16.0#

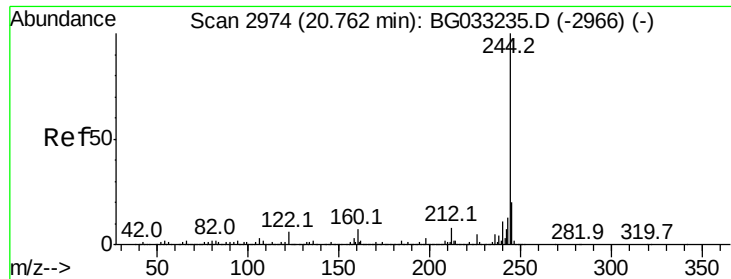


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

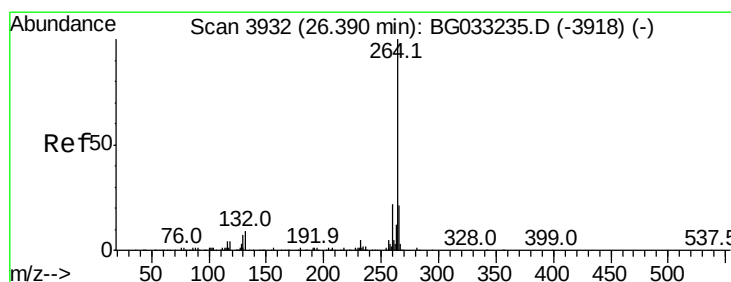
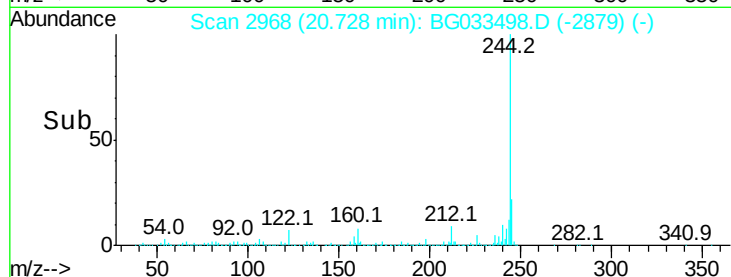
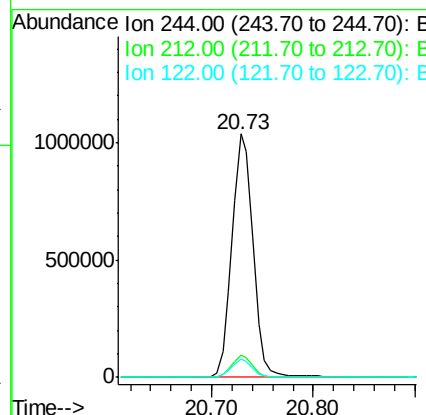
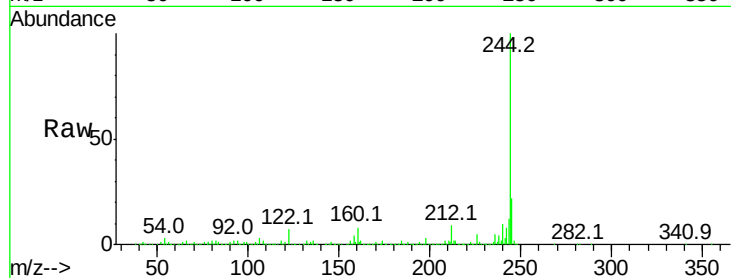




#78
 Terphenyl-d14
 Concen: 95.630 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1503283
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 7.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BG033498.D
 Acq: 2 Apr 2018 21:53

Tgt Ion:264 Resp: 354055
 Ion Ratio Lower Upper
 264 100
 260 25.8 17.4 26.0
 265 21.5 17.7 26.5

