

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041018\
 Data File : BG033745.D
 Acq On : 11 Apr 2018 12:32
 Operator : SJ/JU
 Sample : J2292-02RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040618-JETW-E-D-M

Quant Time: Apr 11 13:10:57 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

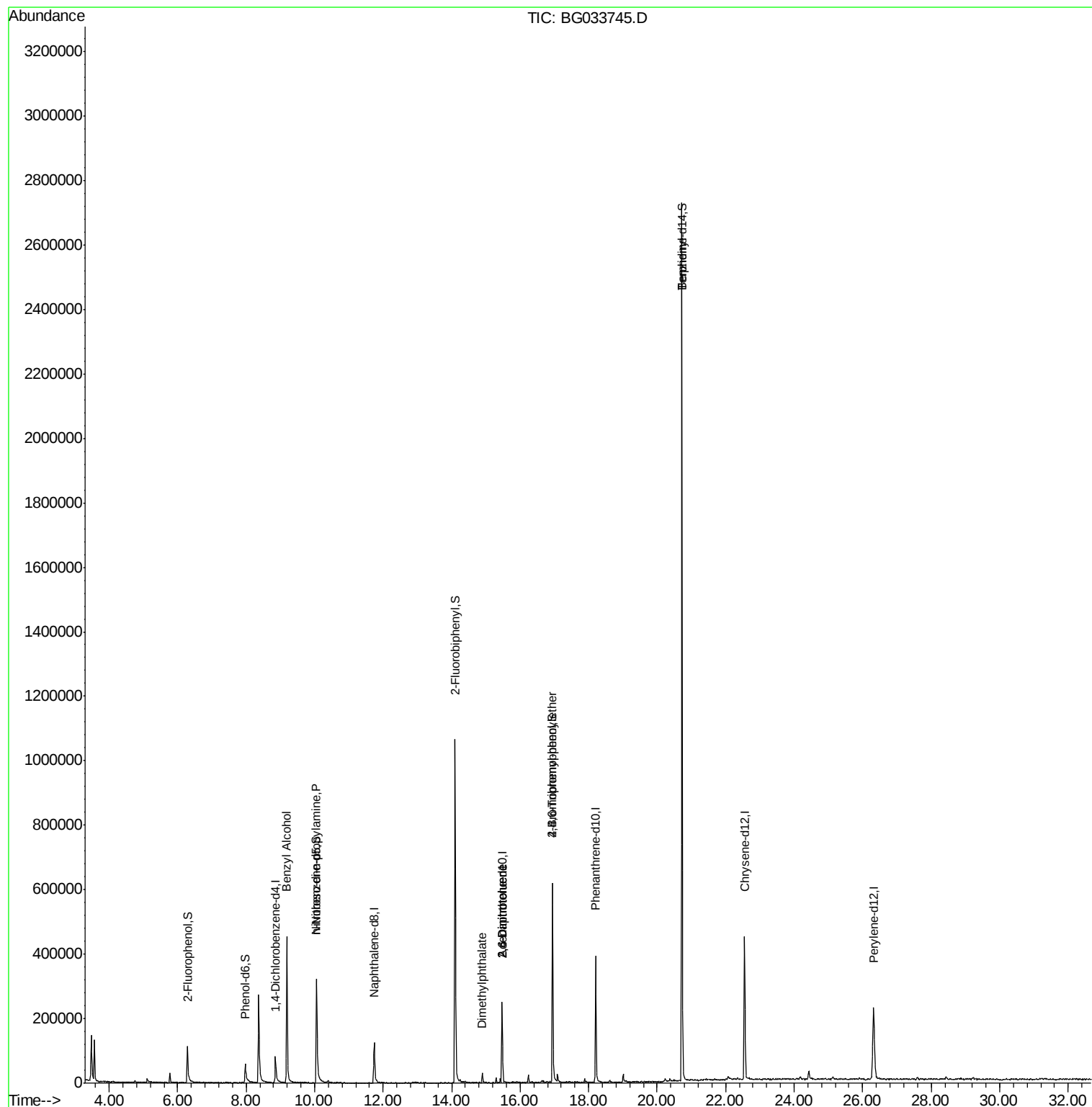
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30291	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	128075	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	95852	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	282576	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330682	20.00	ng	0.00
86) Perylene-d12	26.32	264	286509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	68111	42.16	ng	0.00
7) Phenol-d6	7.97	99	49789	17.94	ng	0.00
23) Nitrobenzene-d5	10.05	82	258974	92.90	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	126735	88.40	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	610934	92.01	ng	0.00
78) Terphenyl-d14	20.72	244	1352365	87.46	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4606	2.108	ng	# 44
19) n-Nitroso-di-n-propylamine	10.06	70	34406	16.917	ng	# 78
49) Dimethylphthalate	14.89	163	20255	2.428	ng	# 93
50) 2,6-Dinitrotoluene	15.47	165	11984	7.026	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	11984	4.772	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	9036	2.723	ng	# 1
76) Benizidine	20.72	184	24108	2.688	ng	# 93

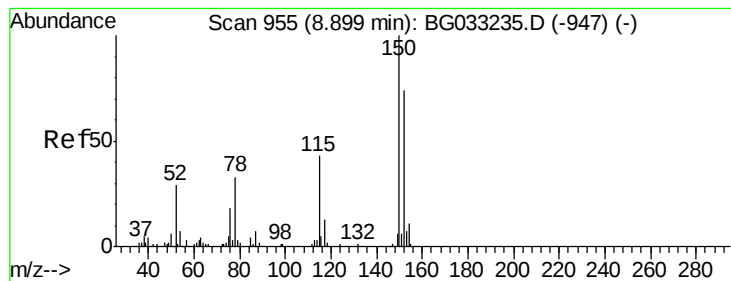
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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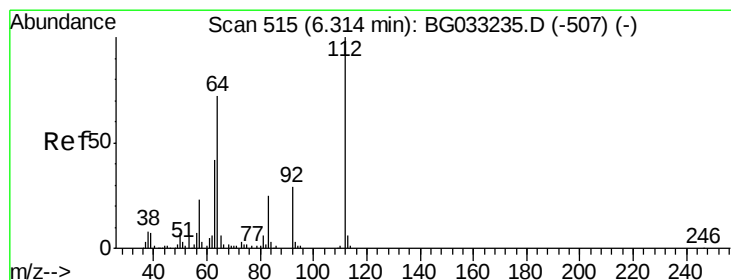
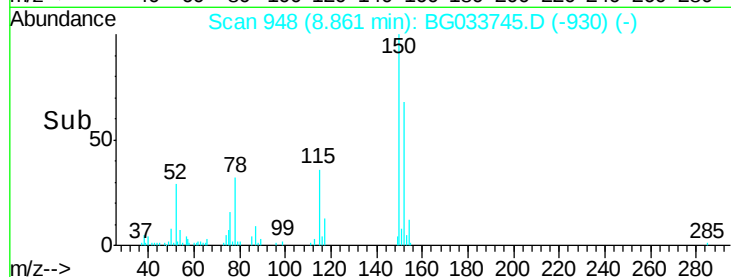
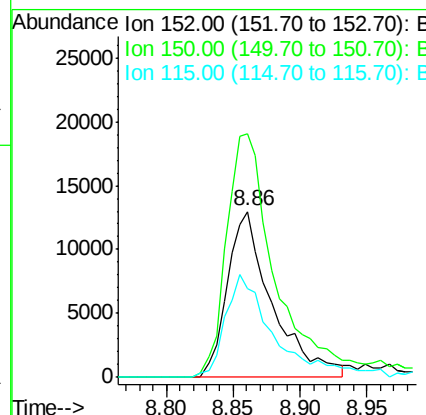
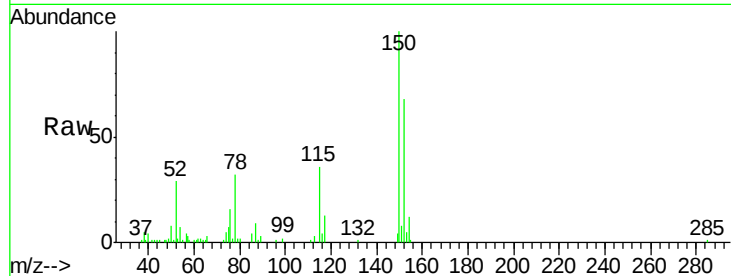


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

Instrument :
 BNA_G
 ClientSampleId :
 040618-JETW-E-D-M

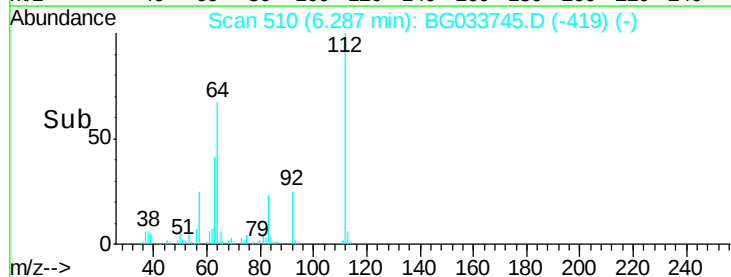
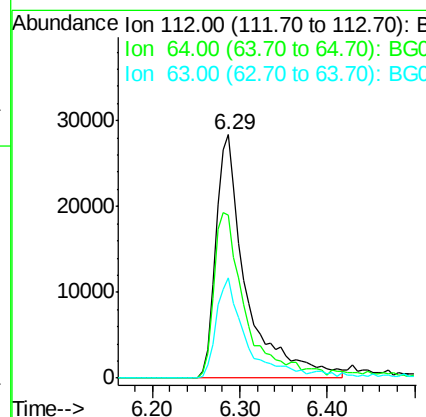
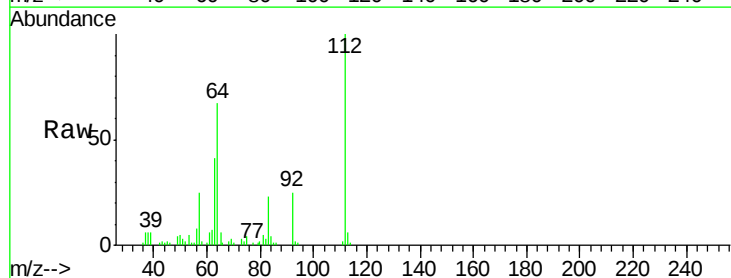
Tgt Ion:152 Resp: 30291
 Ion Ratio Lower Upper
 152 100
 150 146.8 126.6 189.8
 115 53.5 53.0 79.4

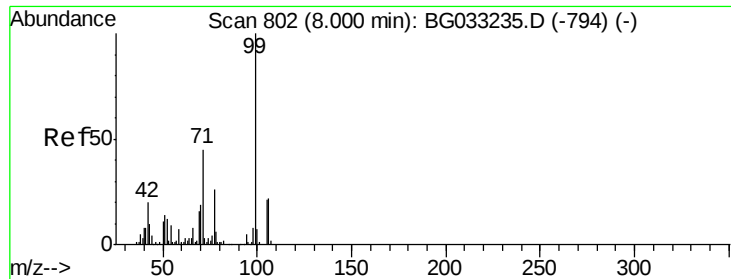


#5

2-Fluorophenol
 Concen: 42.163 ng
 RT: 6.29 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

Tgt Ion:112 Resp: 68111
 Ion Ratio Lower Upper
 112 100
 64 66.7 56.3 84.5
 63 41.3 30.1 45.1





#7

Phenol-d6

Concen: 17.938 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033745.D

Acq: 11 Apr 2018 12:32

Instrument :

BNA_G

ClientSampleId :

040618-JETW-E-D-M

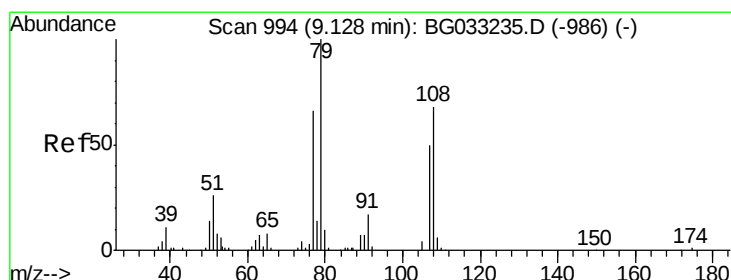
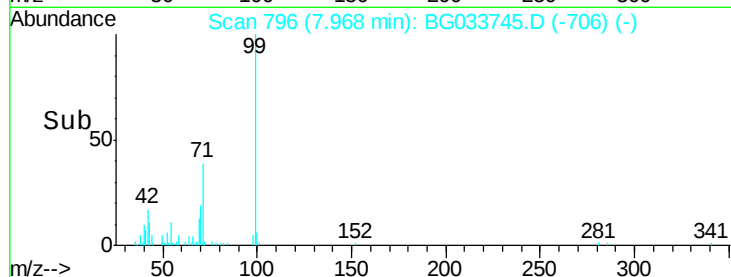
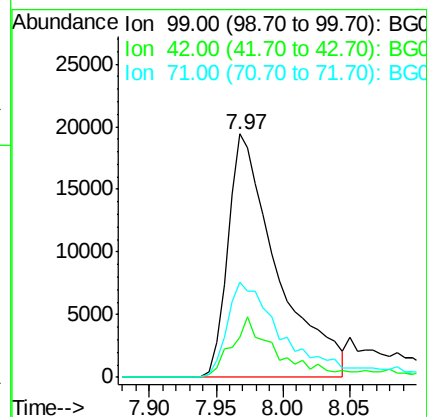
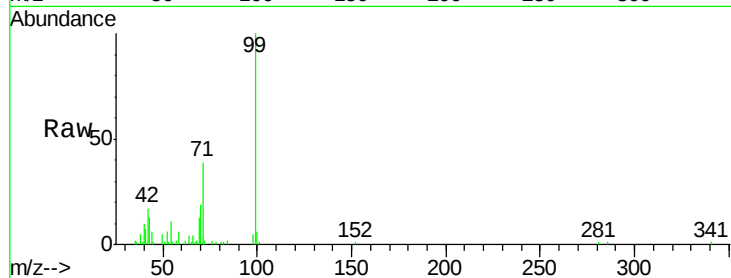
Tgt Ion: 99 Resp: 49789

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 39.3 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.108 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033745.D

Acq: 11 Apr 2018 12:32

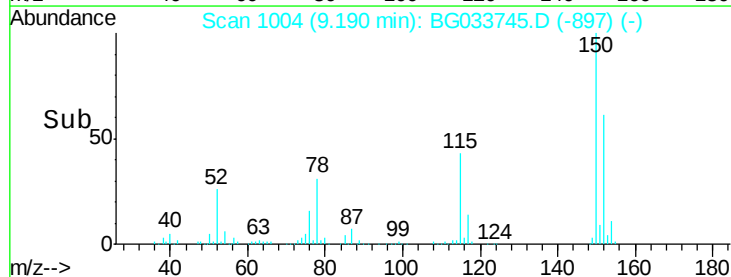
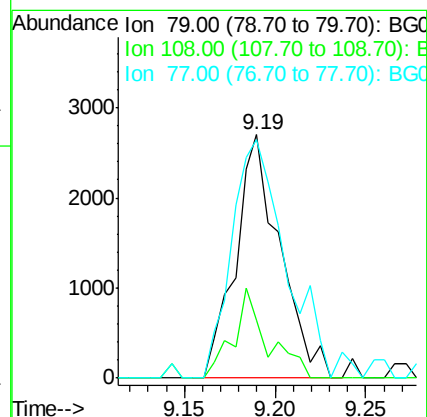
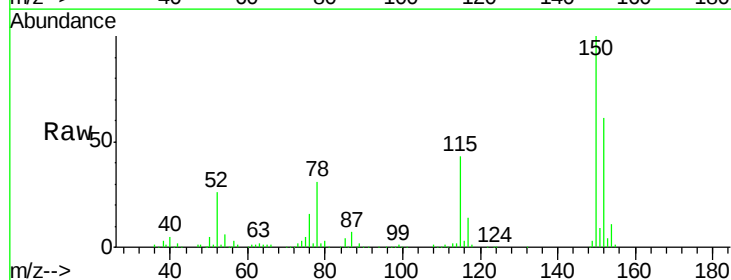
Tgt Ion: 79 Resp: 4606

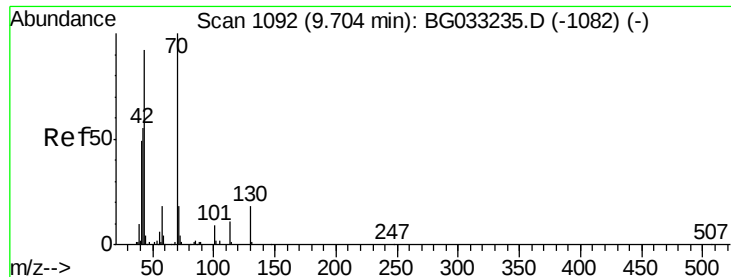
Ion Ratio Lower Upper

79 100

108 23.7 57.2 85.8#

77 97.7 46.1 69.1#

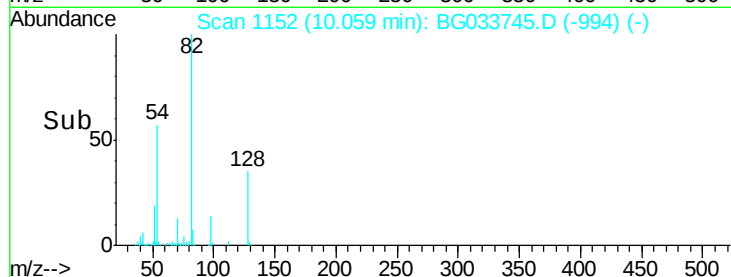
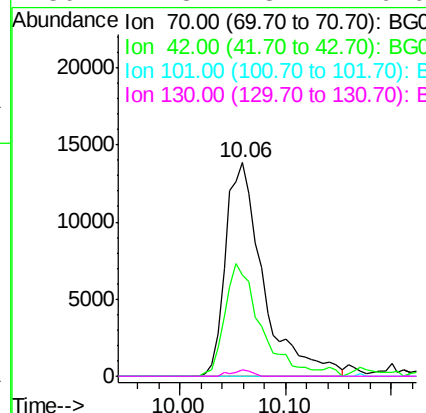
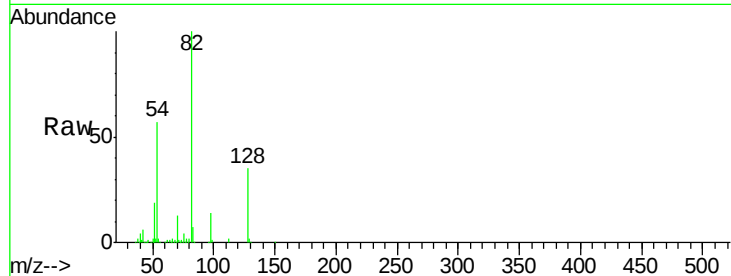




#19
n-Nitroso-di-n-propylamine
Concen: 16.917 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033745.D
Acq: 11 Apr 2018 12:32

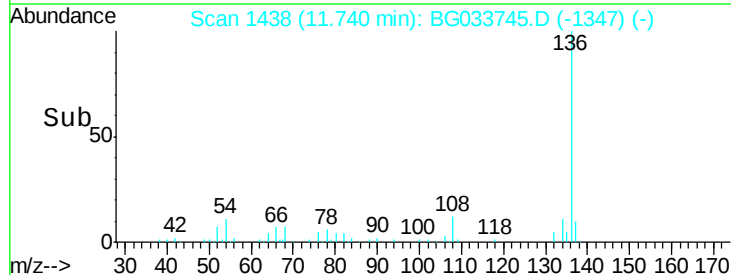
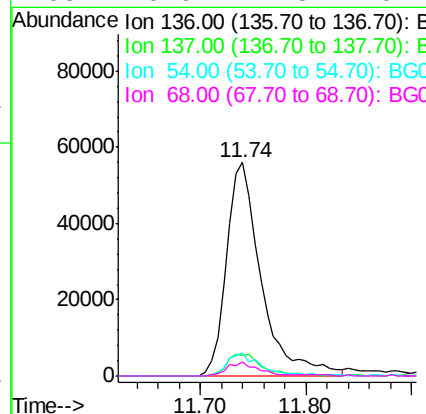
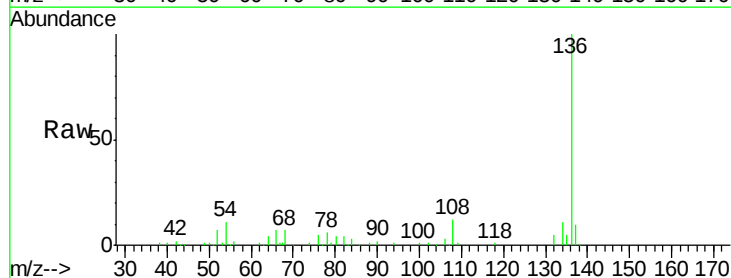
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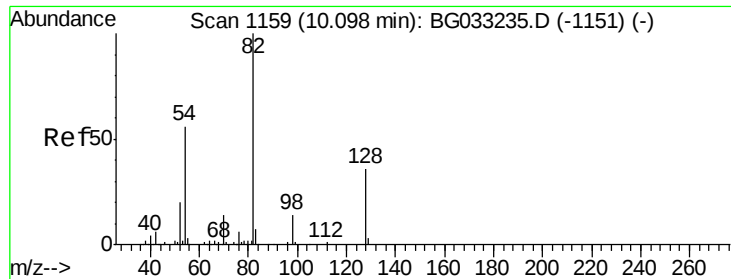
Tgt Ion: 70 Resp: 34406
Ion Ratio Lower Upper
70 100
42 47.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033745.D
Acq: 11 Apr 2018 12:32

Tgt Ion: 136 Resp: 128075
Ion Ratio Lower Upper
136 100
137 9.9 9.2 13.8
54 10.9 10.3 15.5
68 6.9 4.5 6.7#

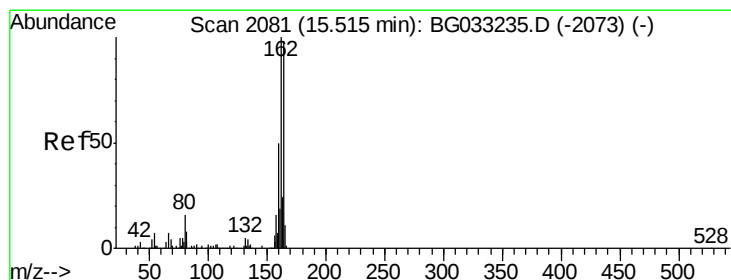
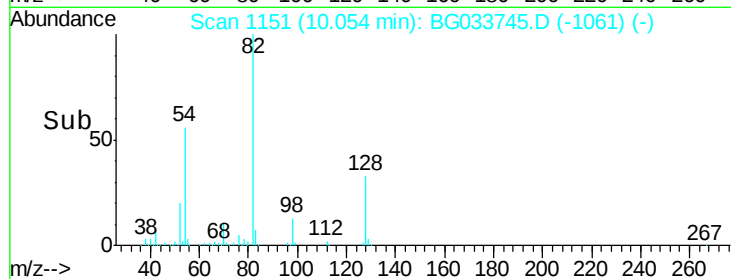
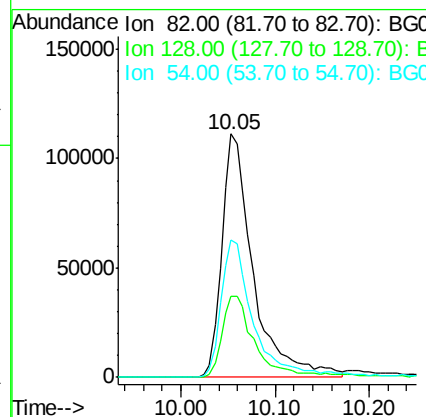
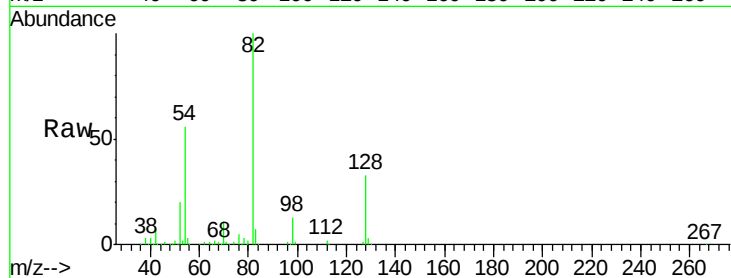




#23
 Nitrobenzene-d5
 Concen: 92.901 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

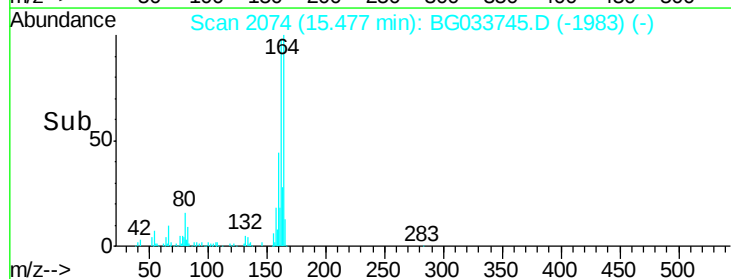
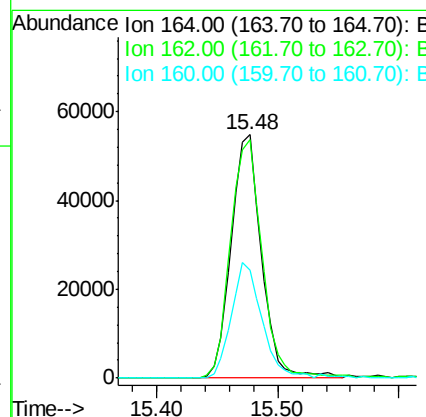
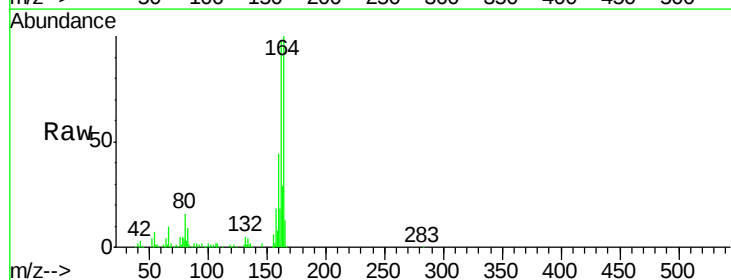
Instrument :
 BNA_G
 ClientSampleId :
 040618-JETW-E-D-M

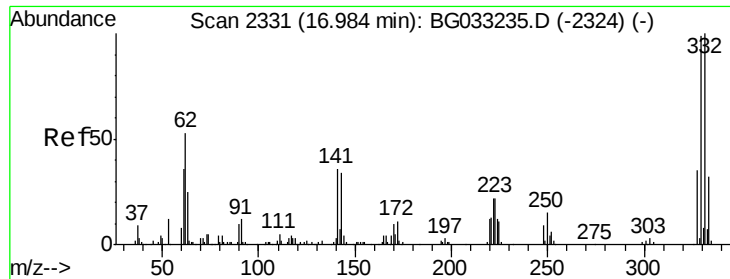
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	56.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	44.1	35.4	53.0

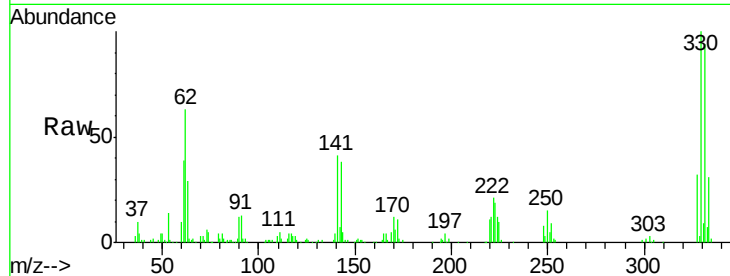




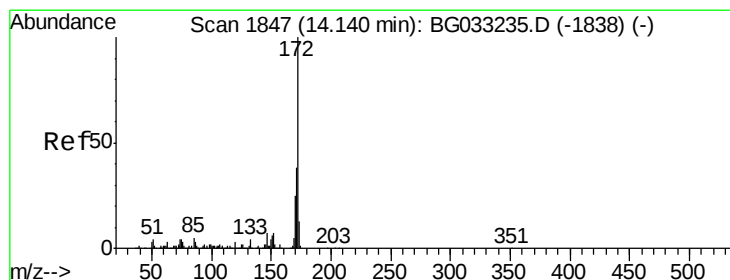
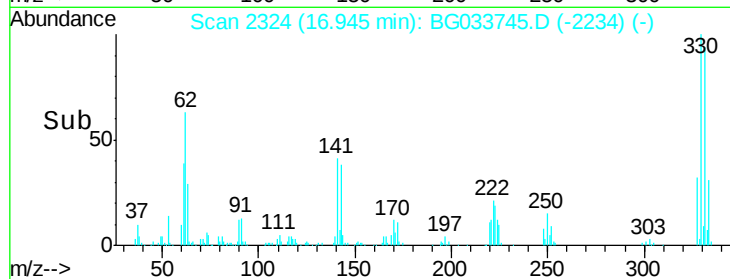
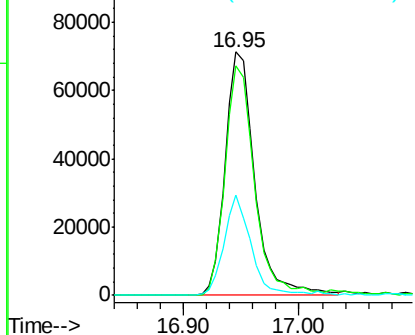
#41
 2,4,6-Tribromophenol
 Concen: 88.405 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

Instrument :
 BNA_G
 ClientSampleId :
 040618-JETW-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	37.1	25.2	37.8

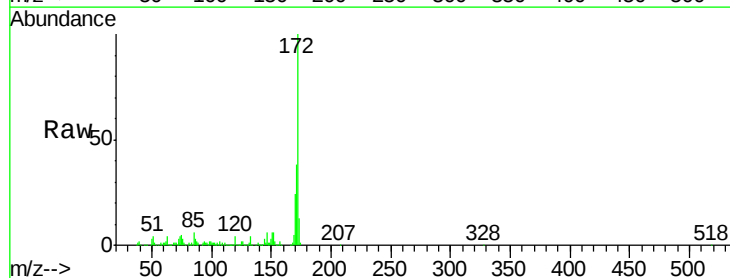


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

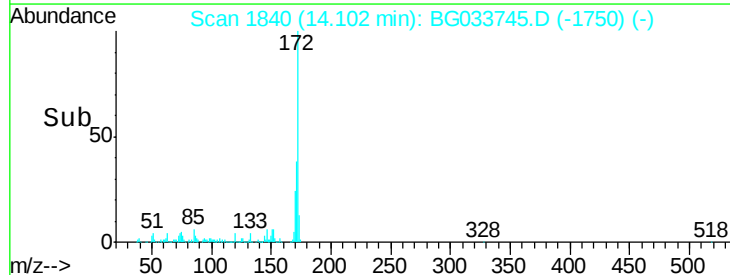
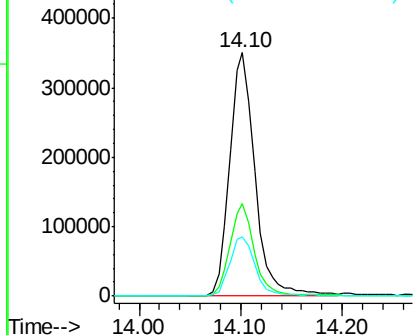


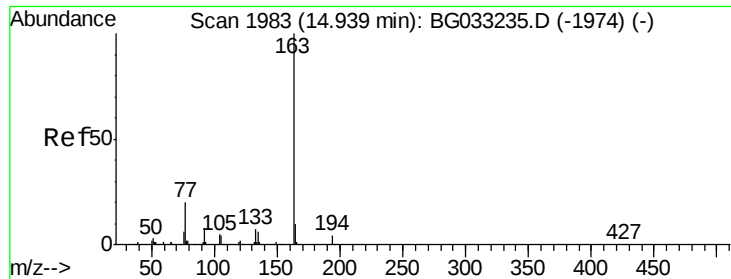
#44
 2-Fluorobiphenyl
 Concen: 92.013 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.4	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





#49

Dimethylphthalate

Concen: 2.428 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG033745.D

Acq: 11 Apr 2018 12:32

Instrument :

BNA_G

ClientSampleId :

040618-JETW-E-D-M

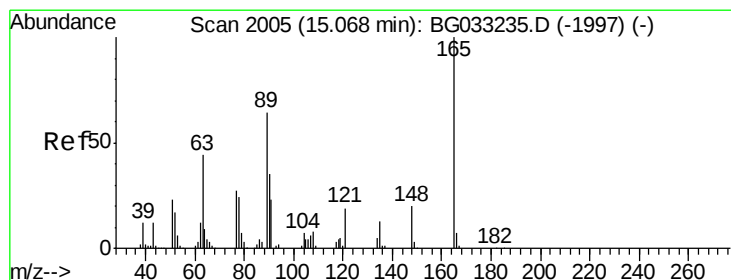
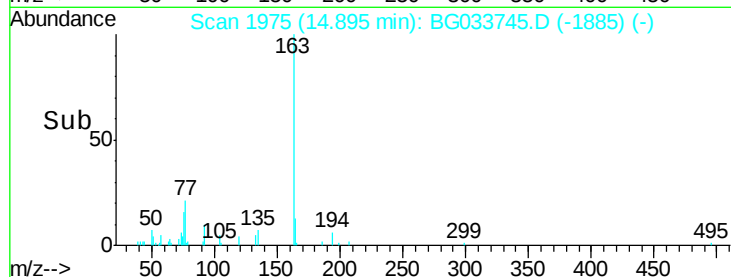
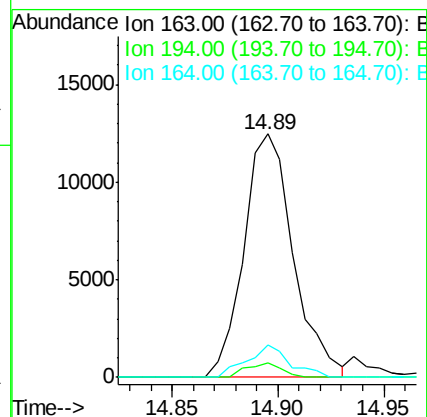
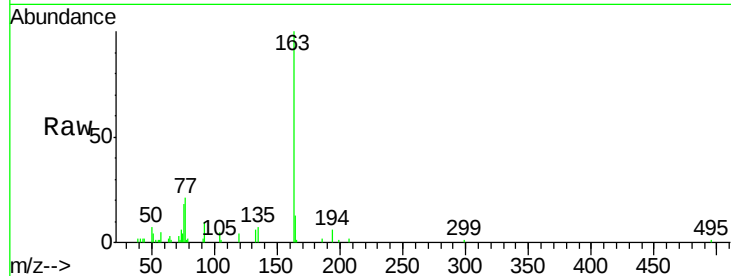
Tgt Ion:163 Resp: 20255

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

164 13.4 8.2 12.4#



#50

2,6-Dinitrotoluene

Concen: 7.026 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.44 min

Lab File: BG033745.D

Acq: 11 Apr 2018 12:32

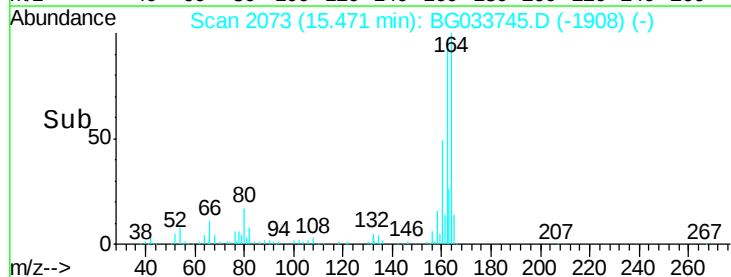
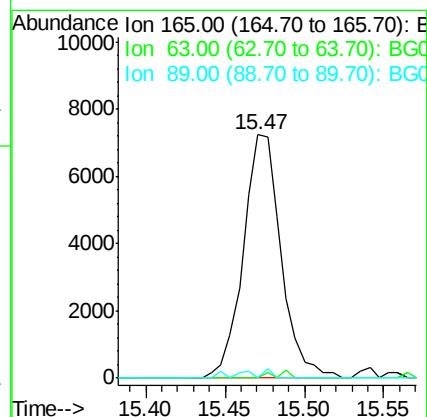
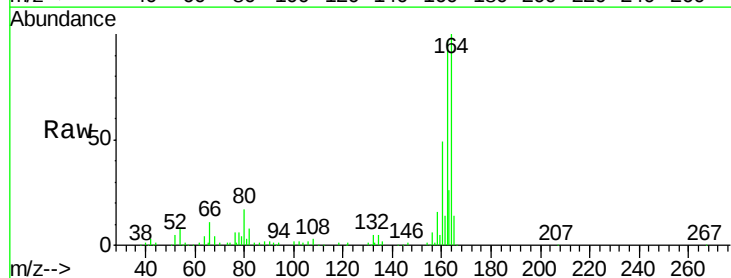
Tgt Ion:165 Resp: 11984

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 0.0 49.2 73.8#

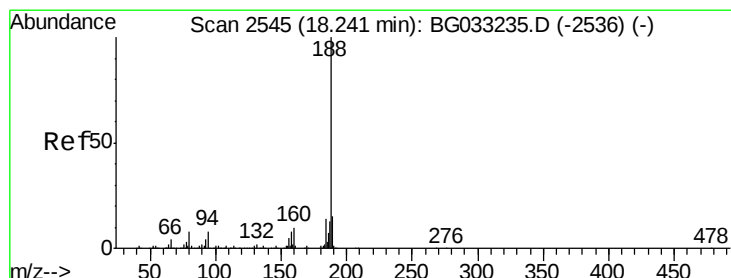
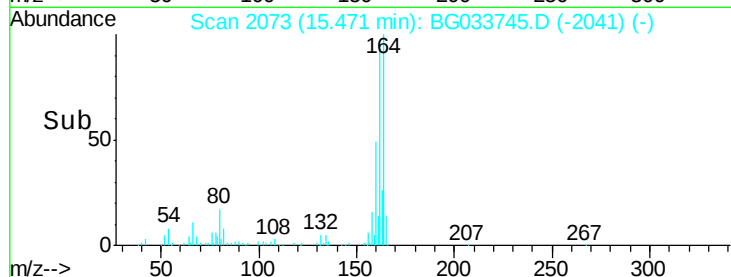
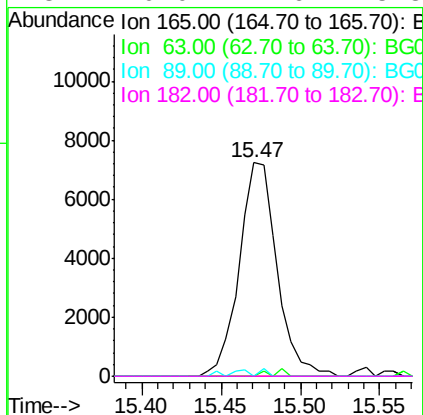
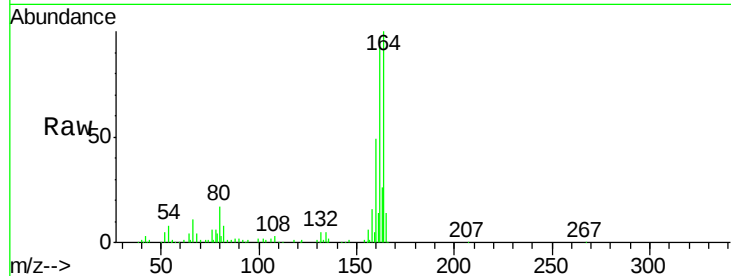




#56
 2,4-Dinitrotoluene
 Concen: 4.772 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

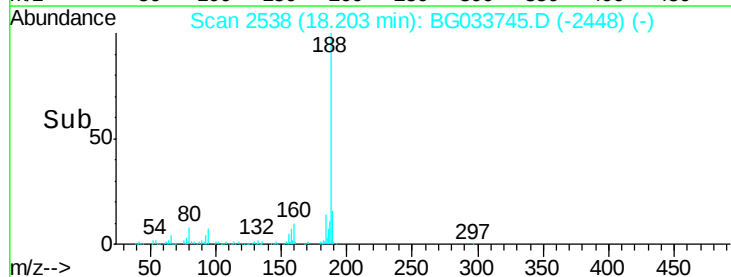
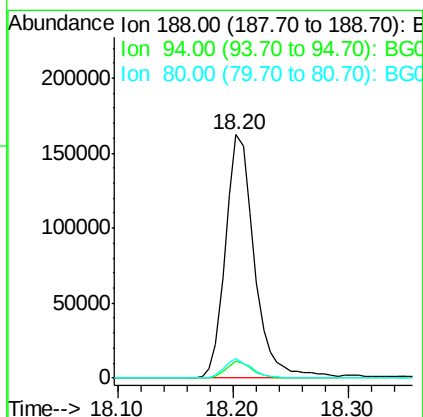
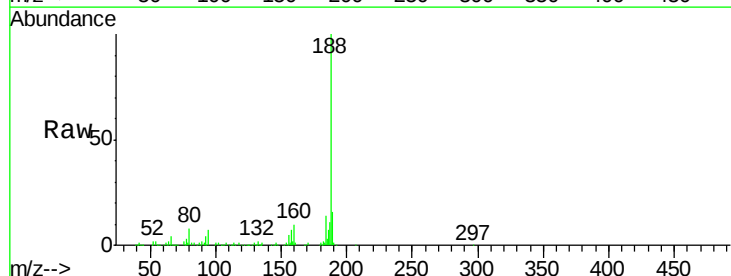
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.0	7.7	11.5

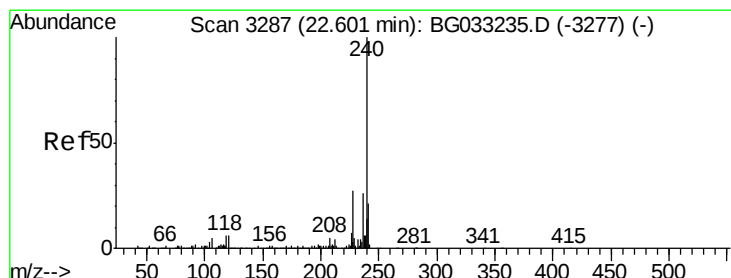
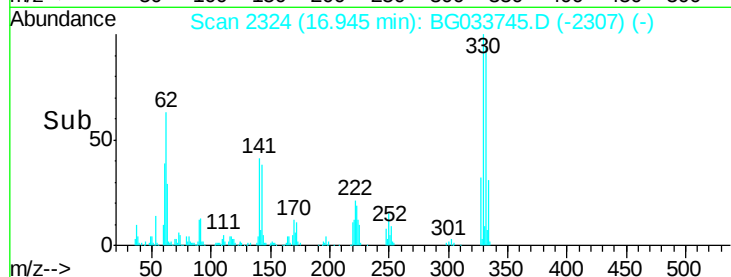
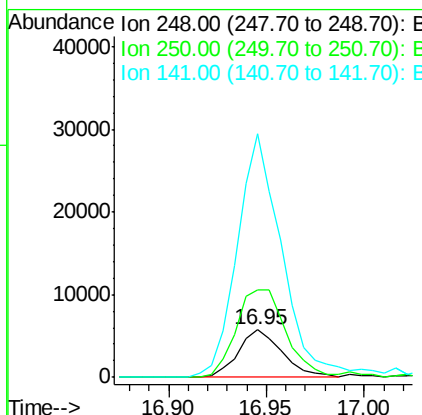
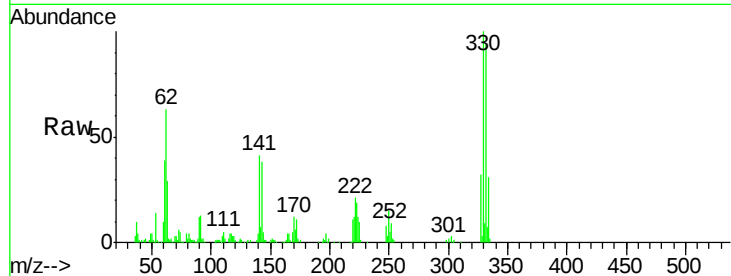




#66
 4-Bromophenyl-phenylether
 Concen: 2.723 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

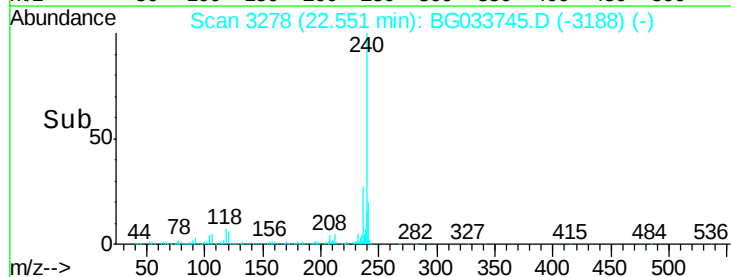
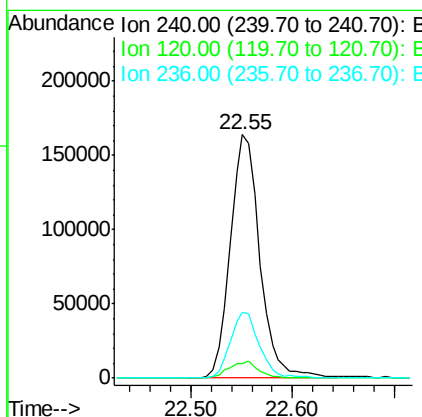
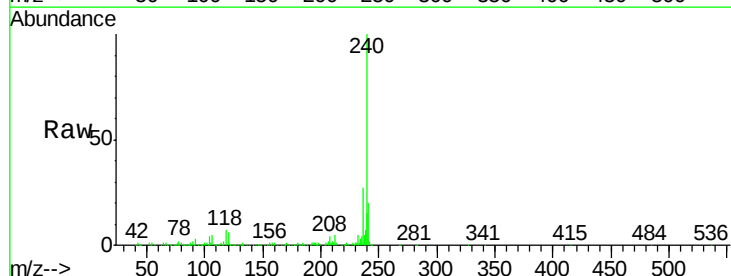
Instrument :
 BNA_G
 ClientSampleId :
 040618-JETW-E-D-M

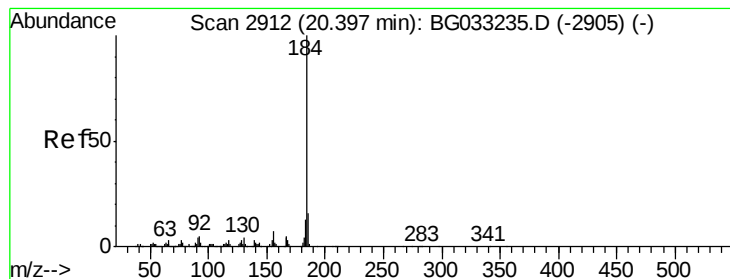
Tgt Ion:248 Resp: 9036
 Ion Ratio Lower Upper
 248 100
 250 183.7 77.1 115.7#
 141 510.5 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BG033745.D
 Acq: 11 Apr 2018 12:32

Tgt Ion:240 Resp: 330682
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 27.0 20.9 31.3





#76

Benzidine

Concen: 2.688 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033745.D

Acq: 11 Apr 2018 12:32

Instrument :

BNA_G

ClientSampleId :

040618-JETW-E-D-M

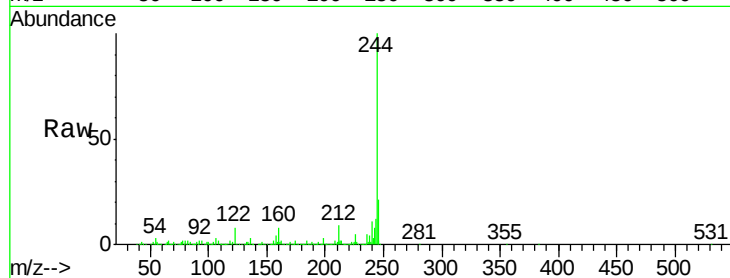
Tgt Ion:184 Resp: 24108

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

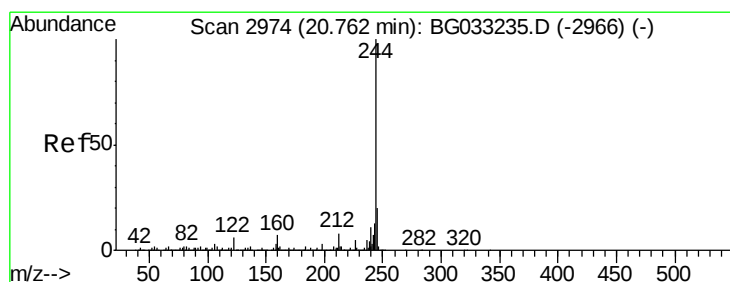
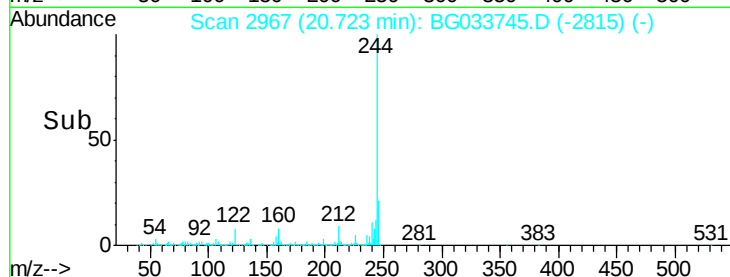
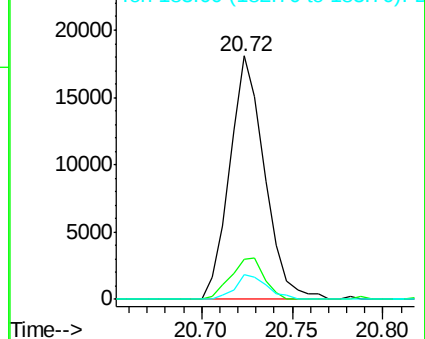
183 10.3 10.6 16.0#



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: 87.461 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033745.D

Acq: 11 Apr 2018 12:32

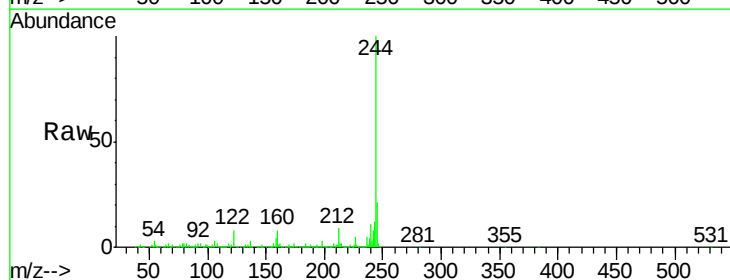
Tgt Ion:244 Resp: 1352365

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

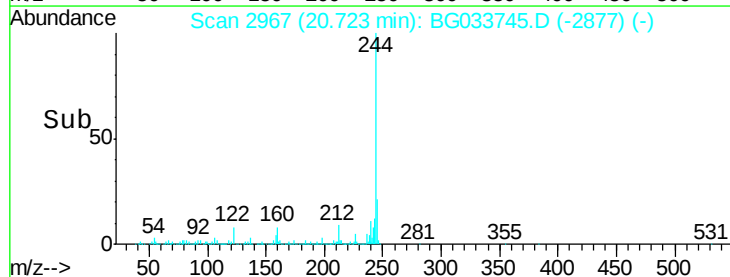
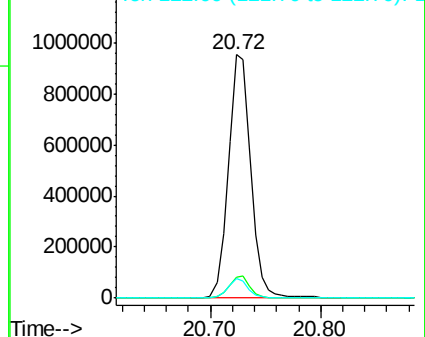
122 8.0 7.0 10.4



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: 26.32 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BG033745.D
Acq: 11 Apr 2018 12:32

Instrument :
BNA_G
ClientSampleId :
040618-JETW-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.0	17.7	26.5

