

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033839.D
 Acq On : 17 Apr 2018 6:40
 Operator : SJ/JU
 Sample : J2392-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 08:03:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

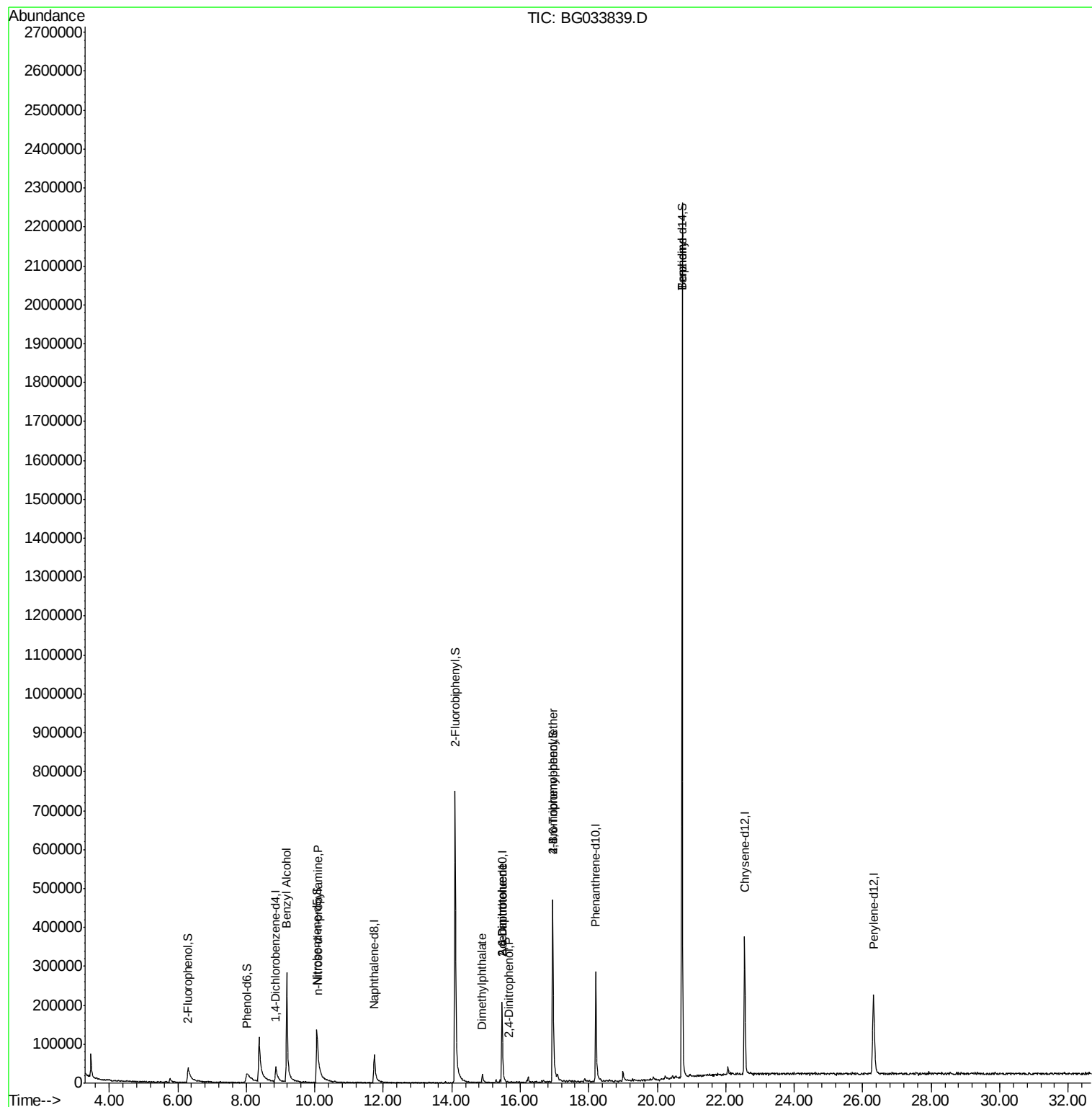
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	20878	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	114917	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	95433	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	275039	20.00	ng	0.00
75) Chrysene-d12	22.55	240	278439	20.00	ng	0.00
86) Perylene-d12	26.31	264	308132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	42663	38.32	ng	0.00
7) Phenol-d6	8.01	99	32099	16.78	ng	0.02
23) Nitrobenzene-d5	10.06	82	191209	76.45	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	124236	87.04	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	618542	93.57	ng	0.00
78) Terphenyl-d14	20.73	244	1249827	96.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3977	2.640	ng	# 62
19) n-Nitroso-di-n-propylamine	10.09	70	21565	15.383	ng	# 69
49) Dimethylphthalate	14.89	163	22733	2.737	ng	# 95
50) 2,6-Dinitrotoluene	15.47	165	12101	7.126	ng	# 22
53) 2,4-Dinitrophenol	15.66	184	85	7.730	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	12294	4.917	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	10334	3.199	ng	# 1
76) Benzidine	20.73	184	21220	2.810	ng	# 93

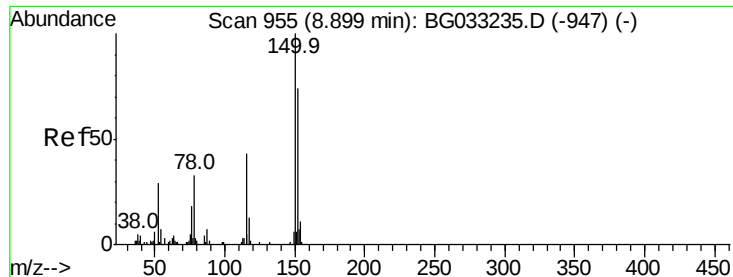
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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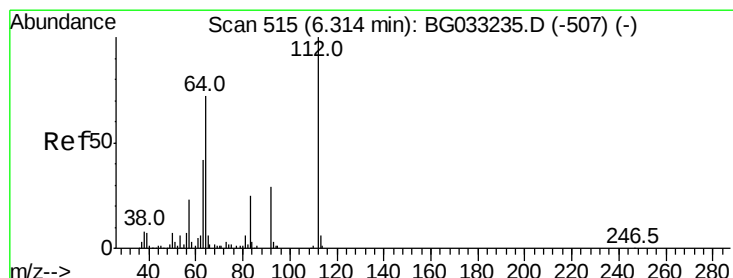
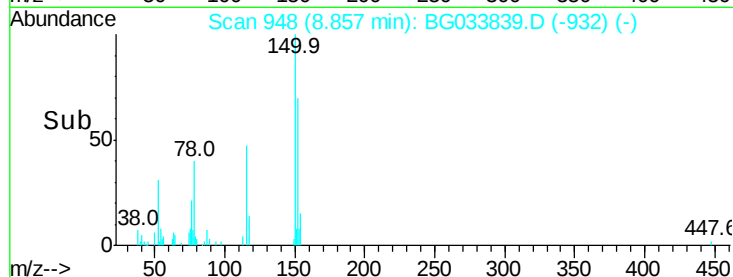
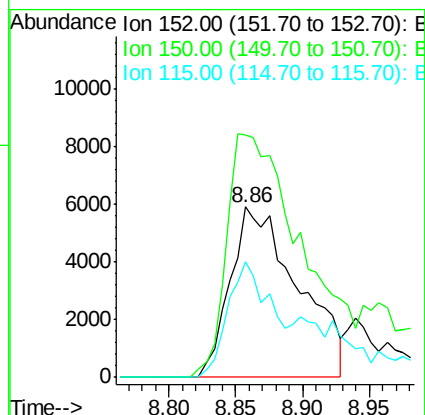
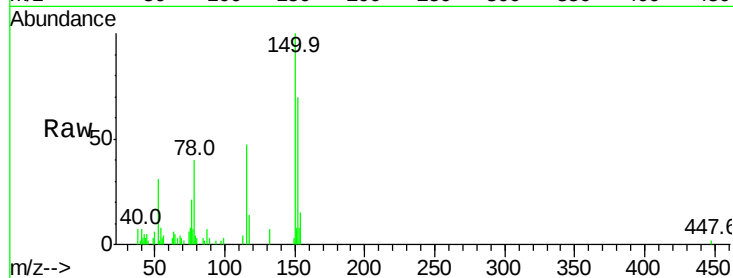


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033839.D
Acq: 17 Apr 2018 6:40

Instrument :
BNA_G
ClientSampleId :

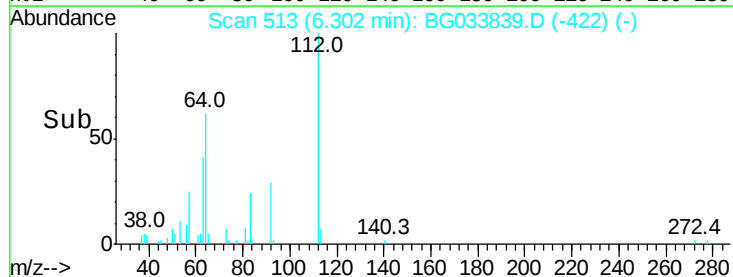
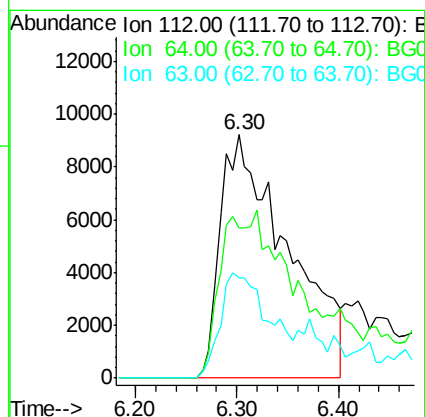
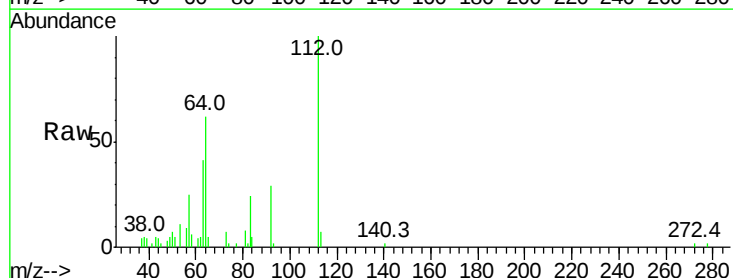
Tot Ion:152 Resp: 20878
Ion Ratio Lower Upper
152 100
150 142.6 126.6 189.8
115 67.6 53.0 79.4

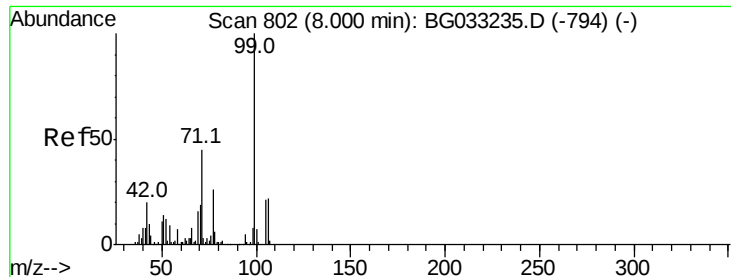


#5

2-Fluorophenol
Concen: 38.317 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033839.D
Acq: 17 Apr 2018 6:40

Tgt Ion:112 Resp: 42663
Ion Ratio Lower Upper
112 100
64 61.9 56.3 84.5
63 41.3 30.1 45.1





#7

Phenol-d6

Concen: 16.779 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.02 min

Lab File: BG033839.D

Acq: 17 Apr 2018 6:40

Instrument :

BNA_G

ClientSampleId :

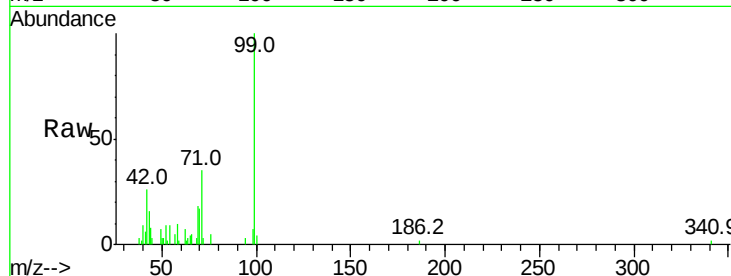
Tot Ion: 99 Resp: 32099

Ion Ratio Lower Upper

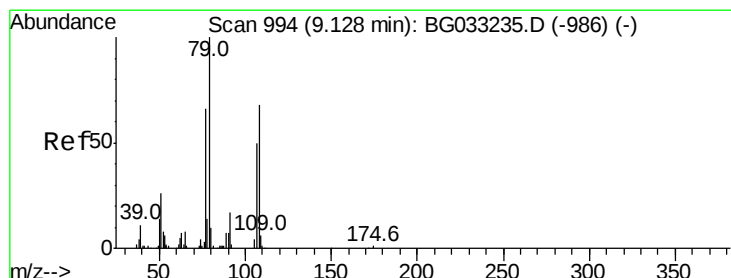
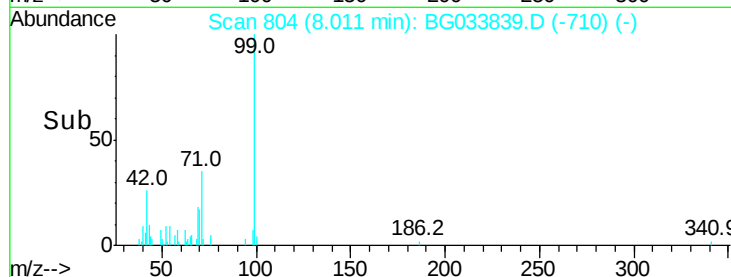
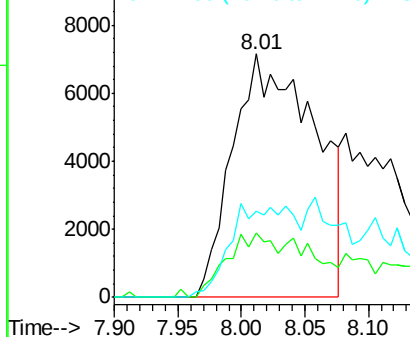
99 100

42 26.4 14.1 21.1#

71 35.4 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: 2.640 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033839.D

Acq: 17 Apr 2018 6:40

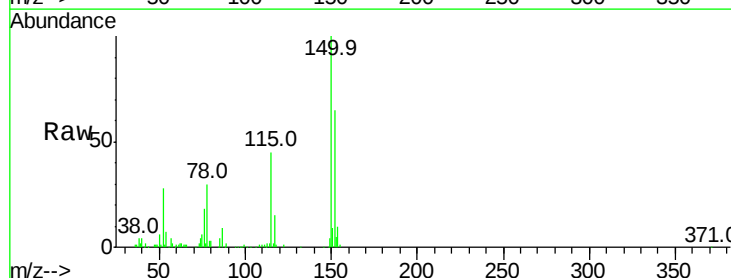
Tgt Ion: 79 Resp: 3977

Ion Ratio Lower Upper

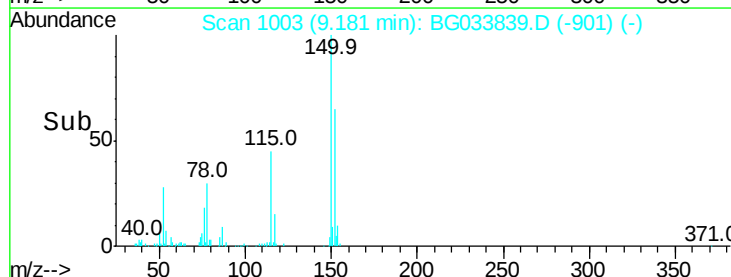
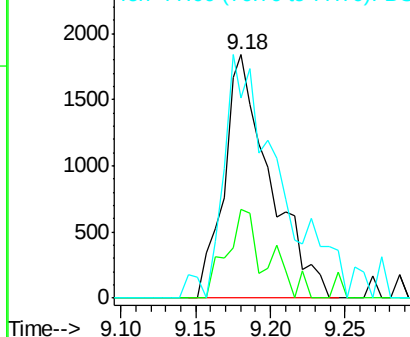
79 100

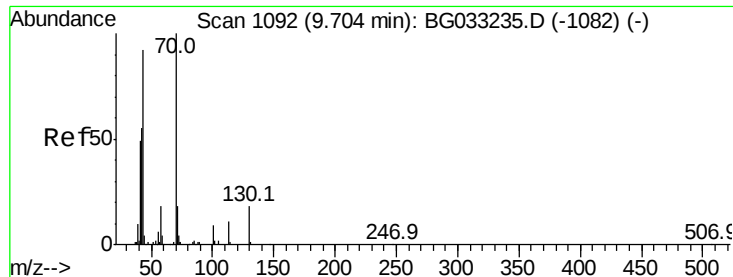
108 36.7 57.2 85.8#

77 82.2 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

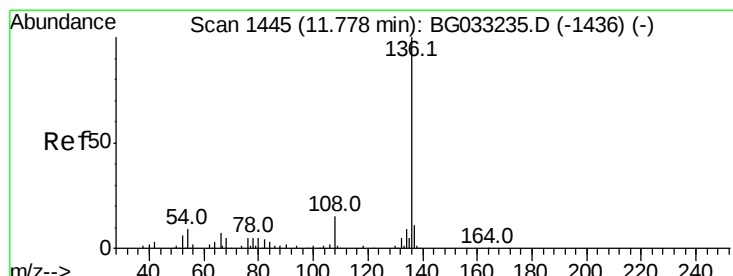
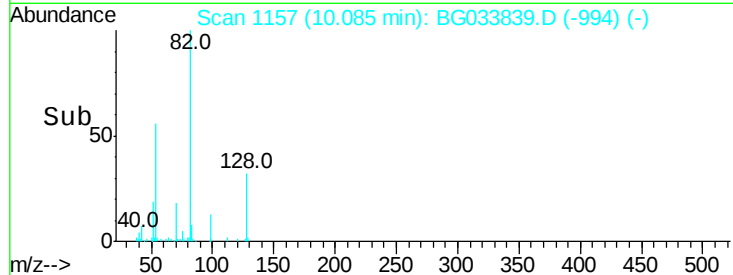
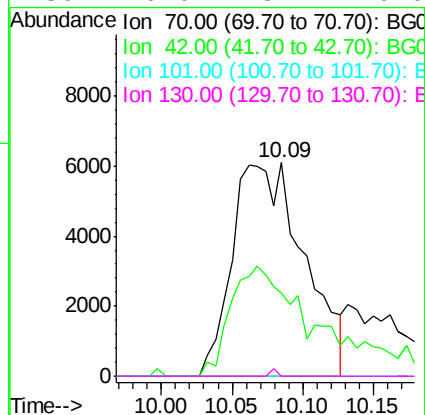
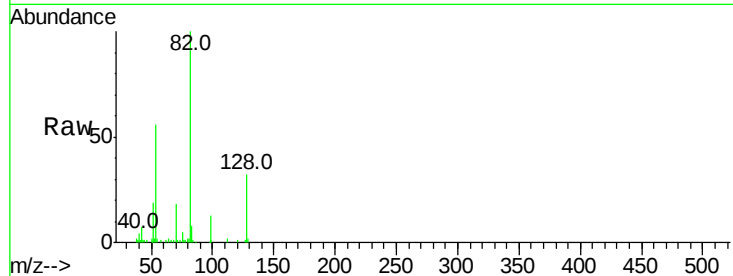




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.383 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. 0.43 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

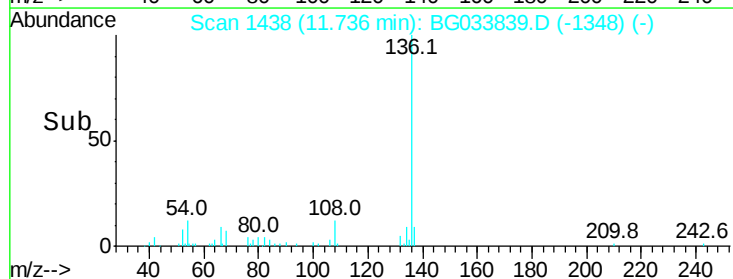
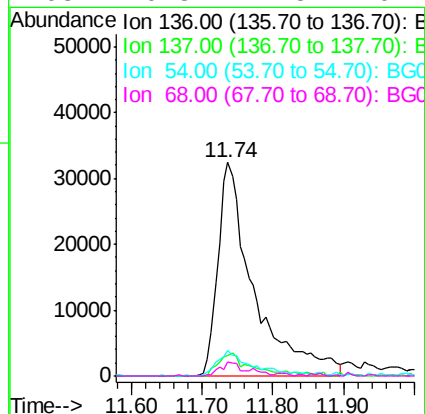
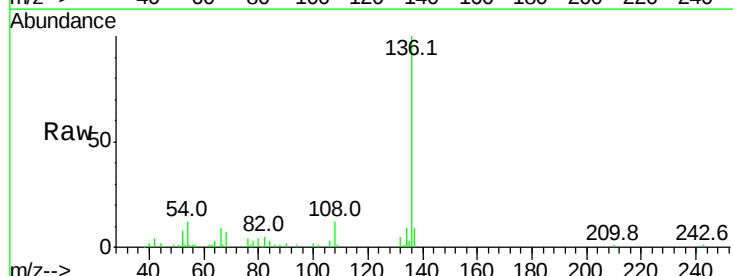
Instrument :
 BNA_G
 ClientSampleId :

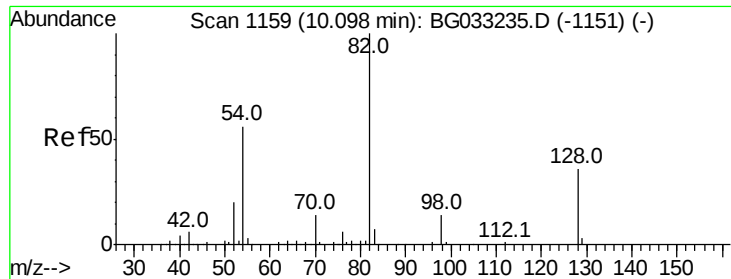
Tot Ion:	70	Resp:	21565
Ion	Ratio	Lower	Upper
70	100		
42	39.2	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

Tgt Ion:	136	Resp:	114917
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	12.9	10.3	15.5
68	6.8	4.5	6.7#

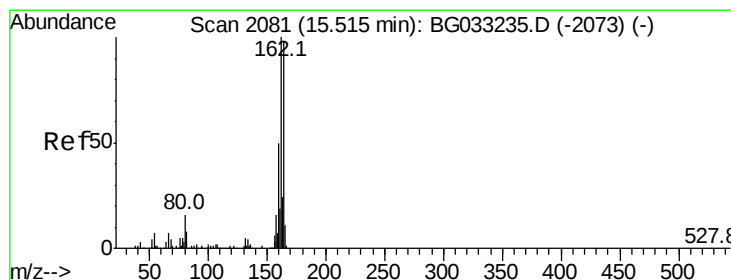
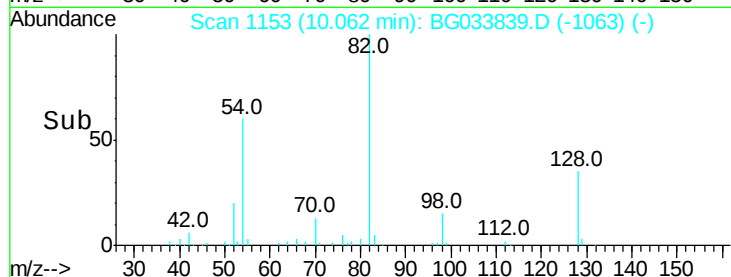
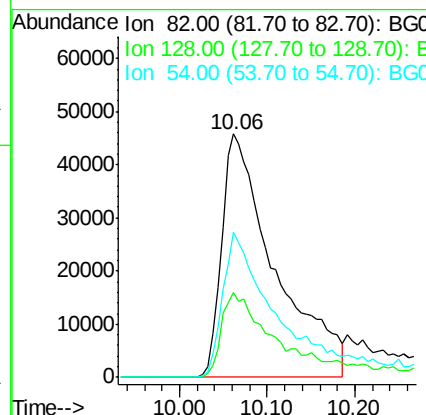
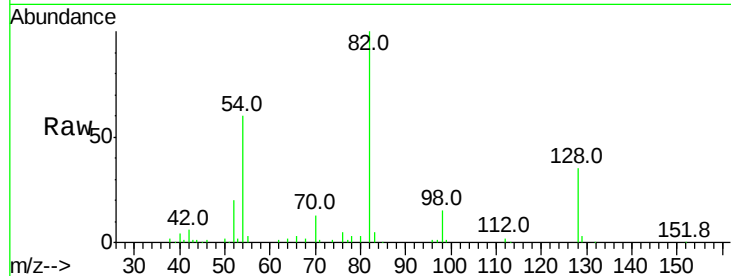




#23
 Nitrobenzene-d5
 Concen: 76.446 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

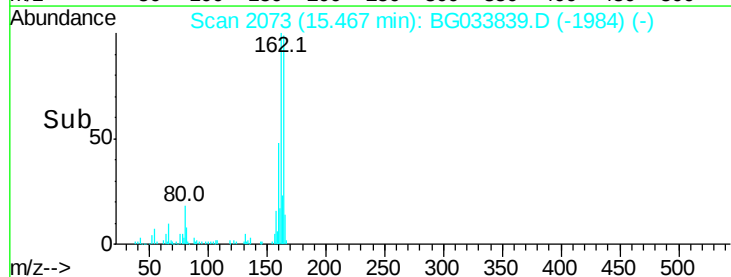
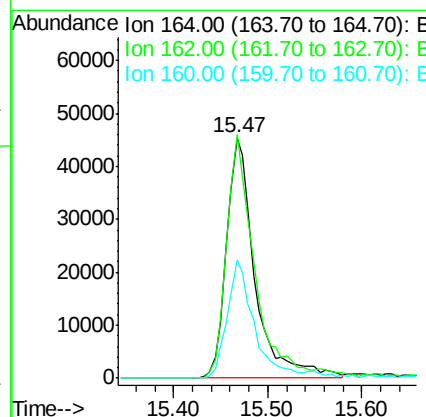
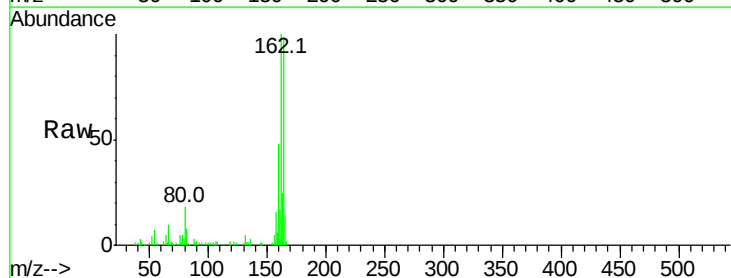
Instrument :
 BNA_G
 ClientSampleId :

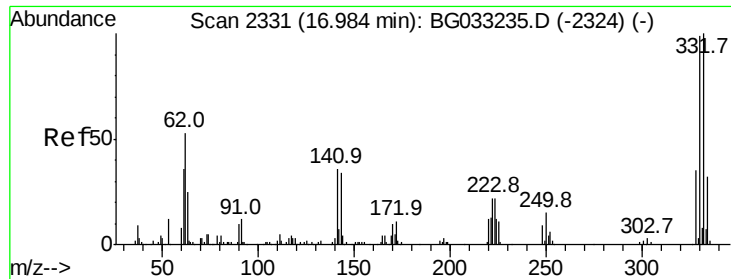
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	59.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	49.0	35.4	53.0

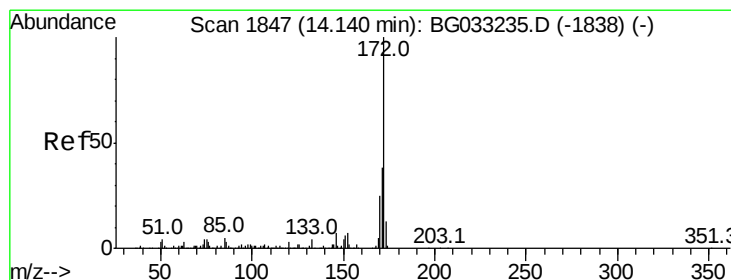
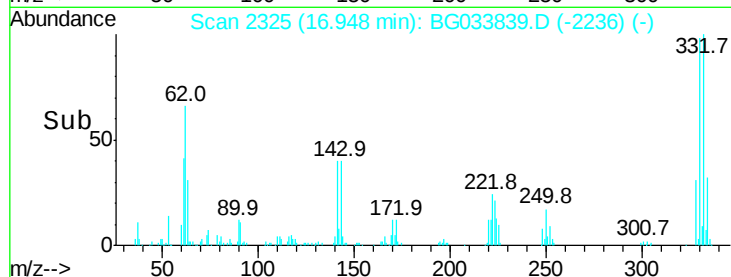
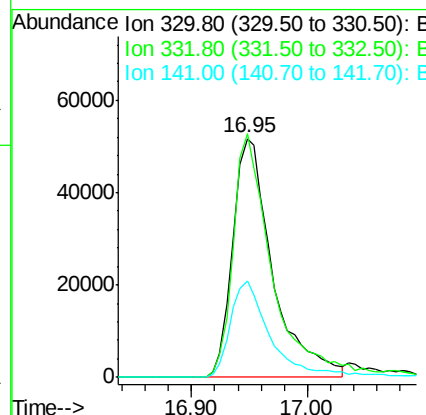
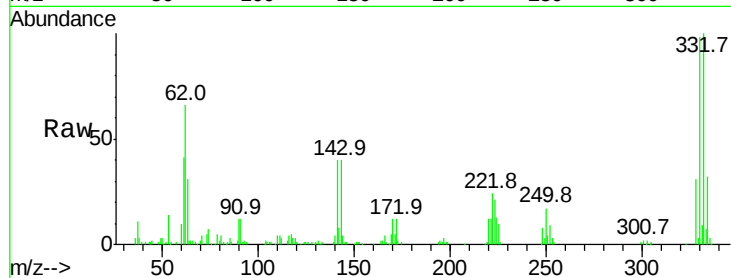




#41
 2,4,6-Tribromophenol
 Concen: 87.042 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

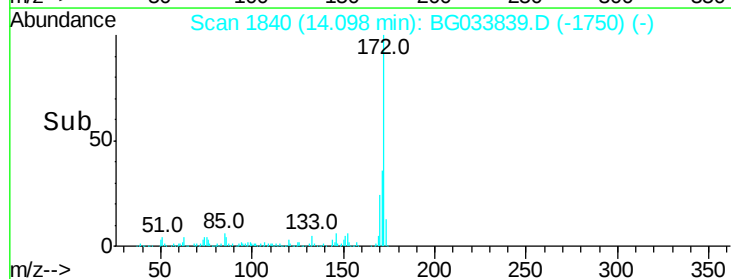
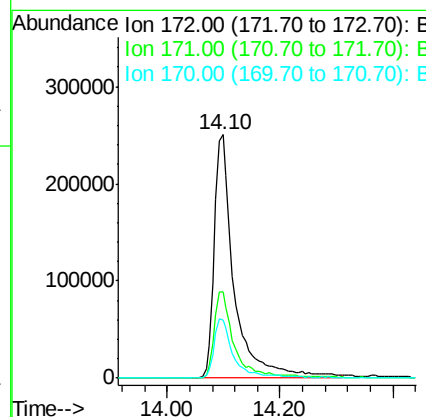
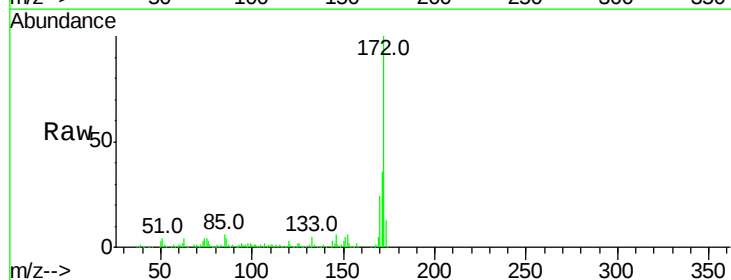
Instrument :
 BNA_G
 ClientSampleId :

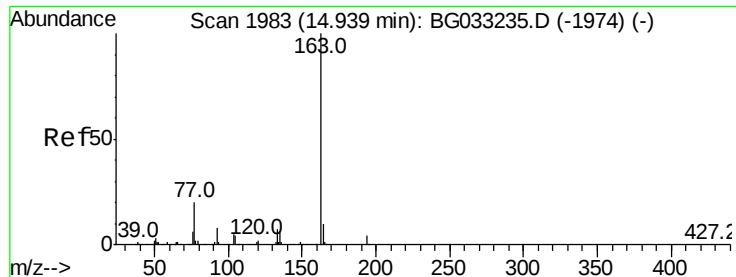
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	40.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 93.568 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.8	19.5	29.3





#49

Dimethylphthalate

Concen: 2.737 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033839.D

Acq: 17 Apr 2018 6:40

Instrument :

BNA_G

ClientSampleId :

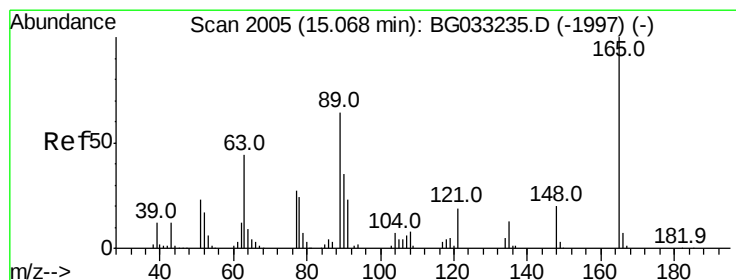
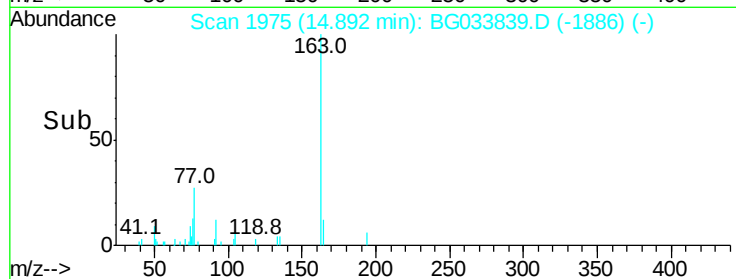
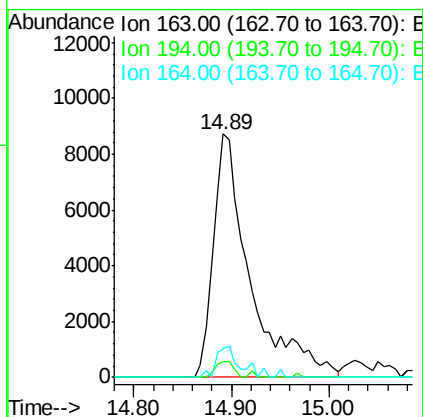
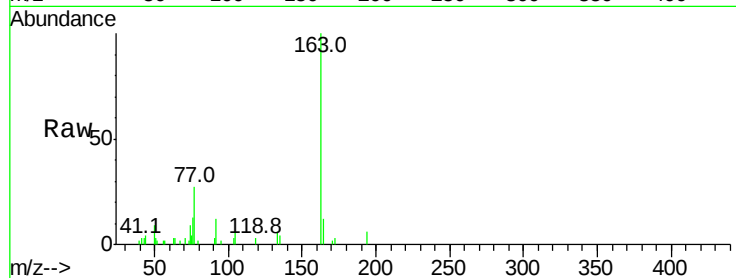
Tot Ion:163 Resp: 22733

Ion Ratio Lower Upper

163 100

194 6.3 3.4 5.2#

164 12.0 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 7.126 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033839.D

Acq: 17 Apr 2018 6:40

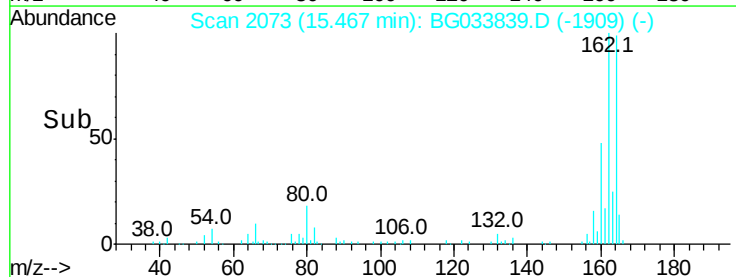
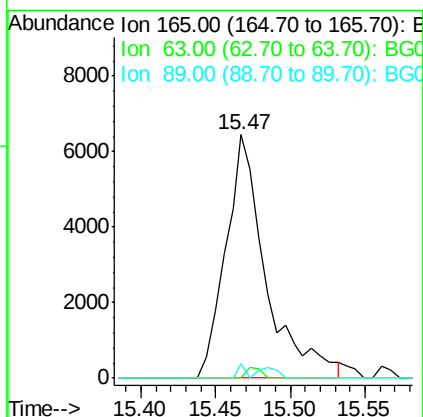
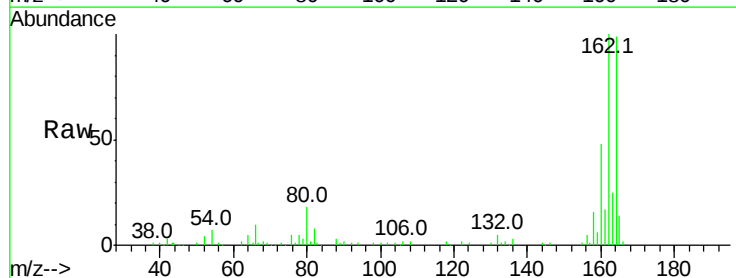
Tgt Ion:165 Resp: 12101

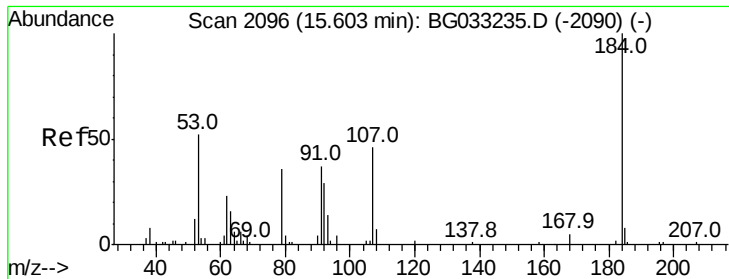
Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 6.0 49.2 73.8#

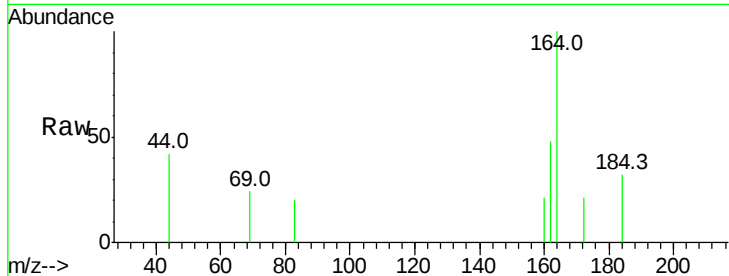




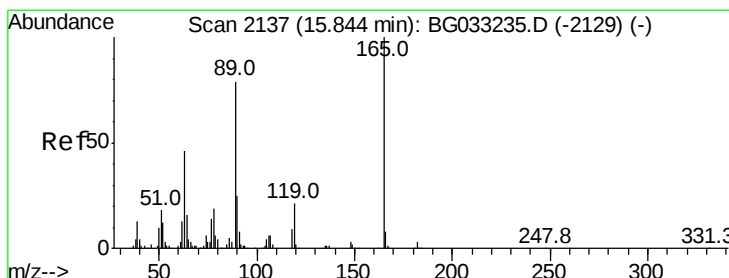
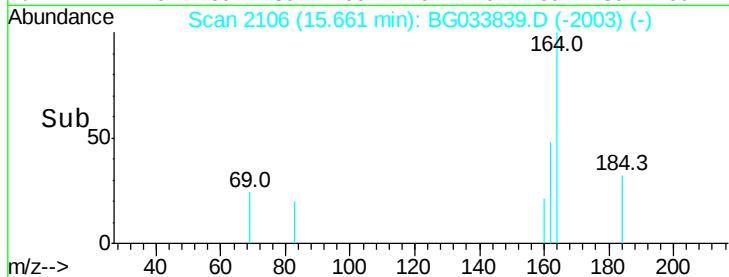
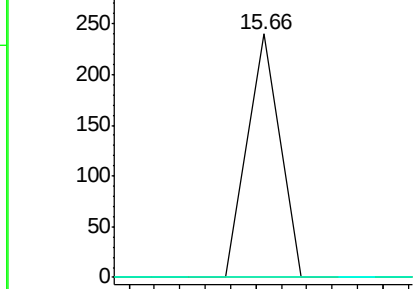
#53
 2,4-Dinitrophenol
 Concen: 7.730 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. 0.08 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 85
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

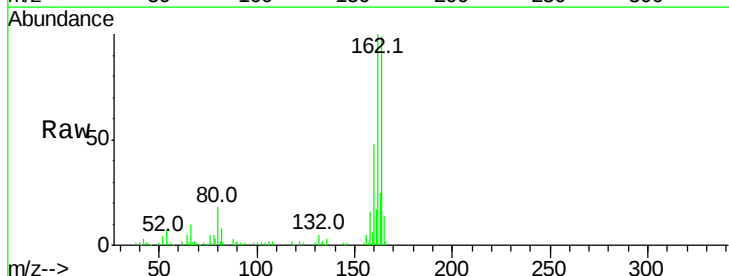


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

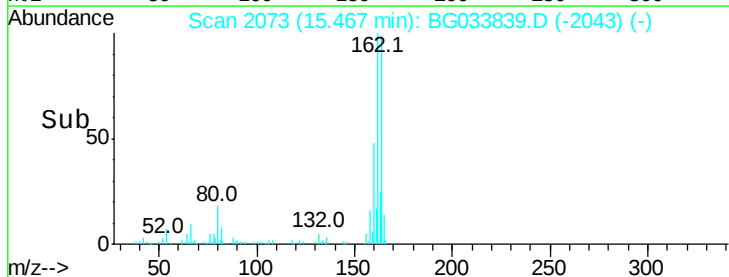
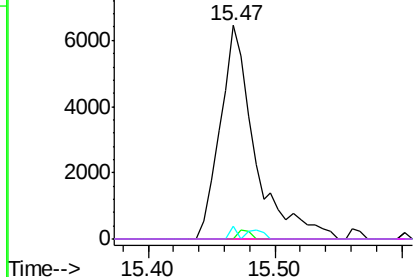


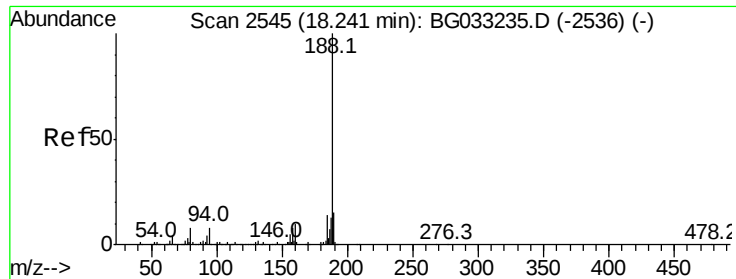
#56
 2,4-Dinitrotoluene
 Concen: 4.917 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

Tgt Ion:165 Resp: 12294
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 6.0 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

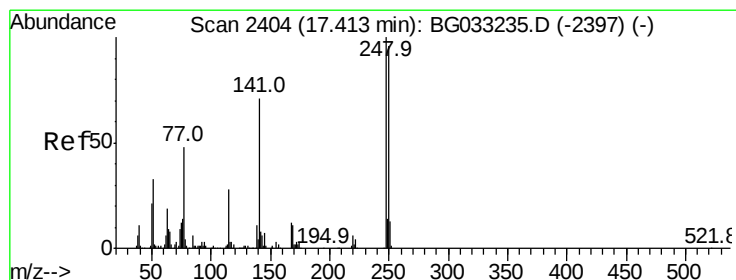
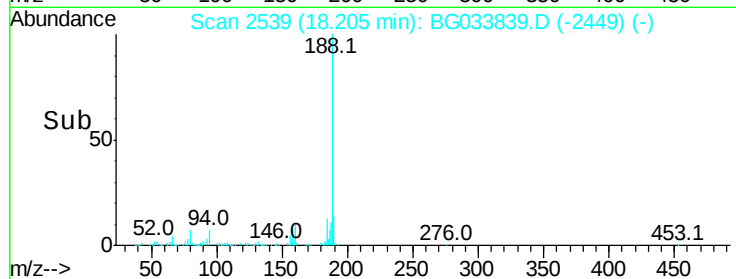
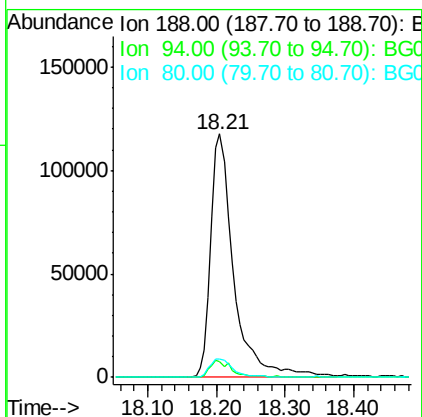
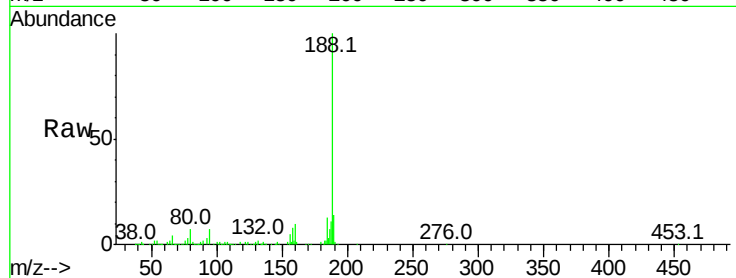




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033839.D
Acq: 17 Apr 2018 6:40

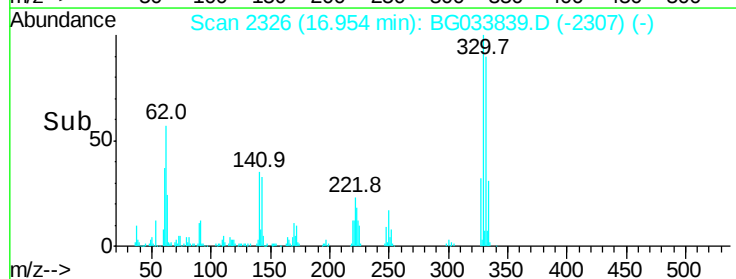
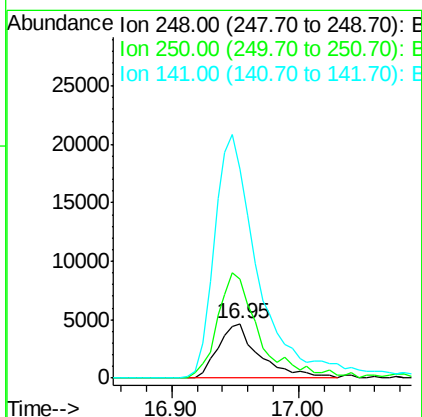
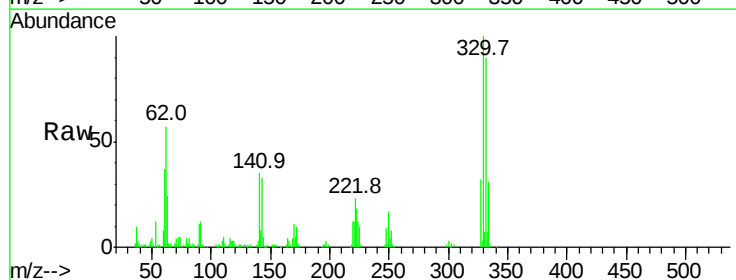
Instrument :
BNA_G
ClientSampleId :

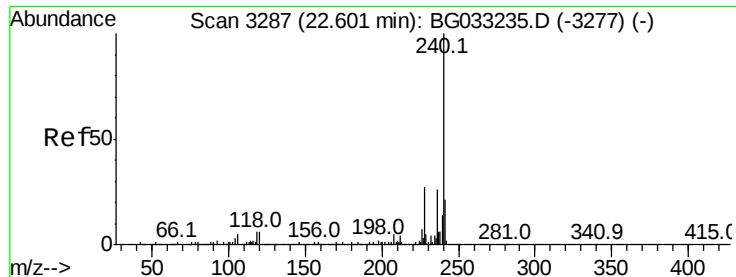
Tot Ion:188 Resp: 275039
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.4 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.199 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.42 min
Lab File: BG033839.D
Acq: 17 Apr 2018 6:40

Tgt Ion:248 Resp: 10334
Ion Ratio Lower Upper
248 100
250 183.9 77.1 115.7#
141 384.9 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033839.D

Acq: 17 Apr 2018 6:40

Instrument :

BNA_G

ClientSampleId :

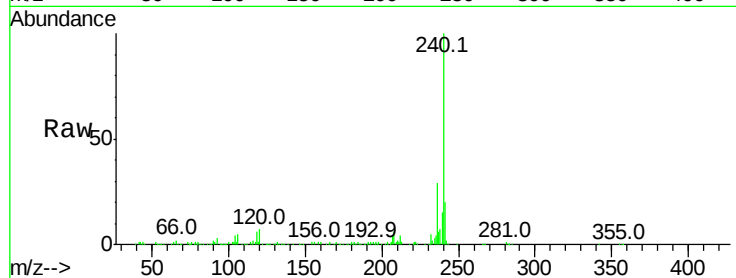
Tot Ion:240 Resp: 278439

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

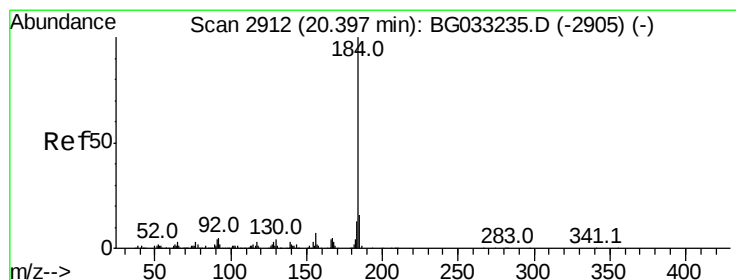
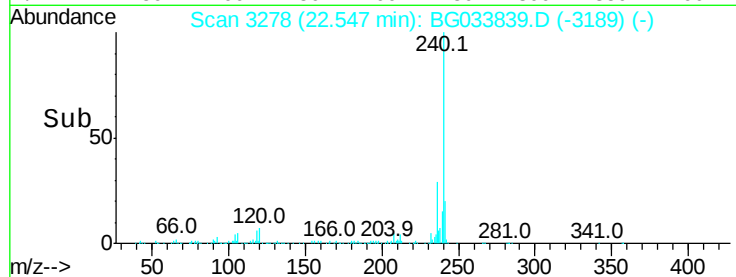
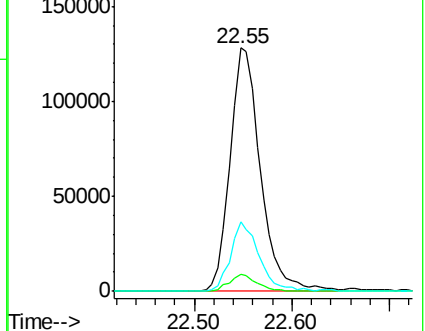
236 28.6 20.9 31.3



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: 2.810 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.35 min

Lab File: BG033839.D

Acq: 17 Apr 2018 6:40

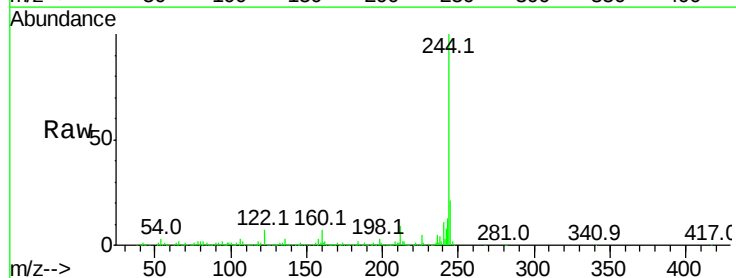
Tgt Ion:184 Resp: 21220

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

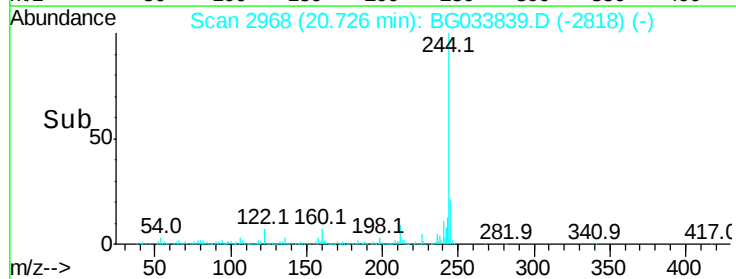
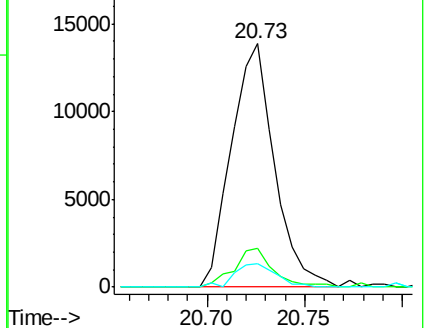
183 9.5 10.6 16.0#

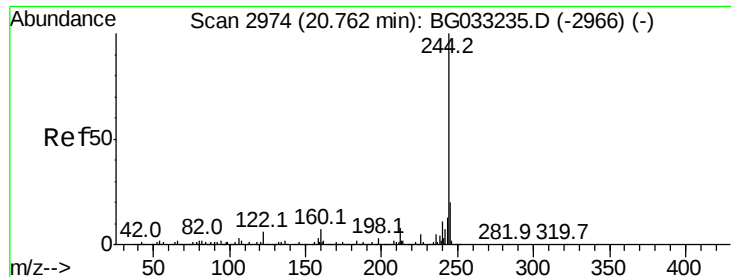


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



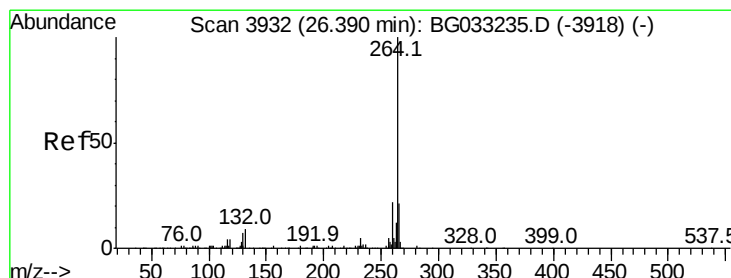
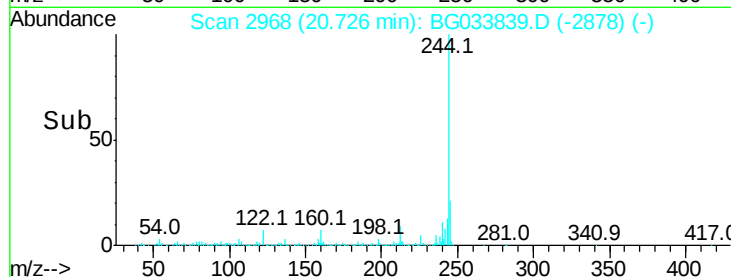
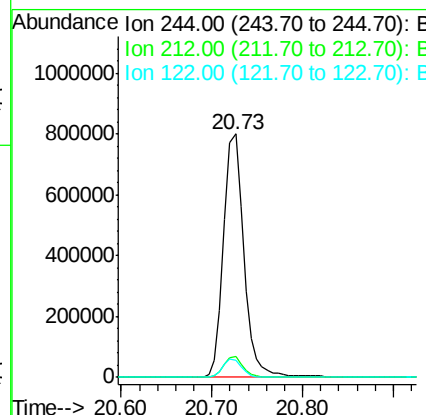
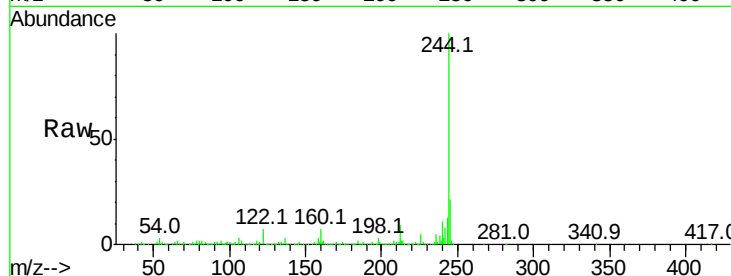


#78
 Terphenyl-d14
 Concen: 95.995 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1249827

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	6.8	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033839.D
 Acq: 17 Apr 2018 6:40

Tgt Ion:264 Resp: 308132

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.3	17.7	26.5

