

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038478.D
 Acq On : 11 Dec 2018 20:37
 Operator : JU/SJ
 Sample : J6298-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIMER-PIT

Quant Time: Dec 12 03:17:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23287	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	112061	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66519	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	166256	20.00	ng	0.00
76) Chrysene-d12	21.73	240	161582	20.00	ng	0.00
87) Perylene-d12	25.04	264	166973	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	195942	148.90	ng	0.00
7) Phenol-d6	7.22	99	251310	132.13	ng	0.00
23) Nitrobenzene-d5	9.24	82	295844	131.07	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	124343	152.27	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	450863	96.58	ng	0.00
79) Terphenyl-d14	20.05	244	756316	100.27	ng	0.00

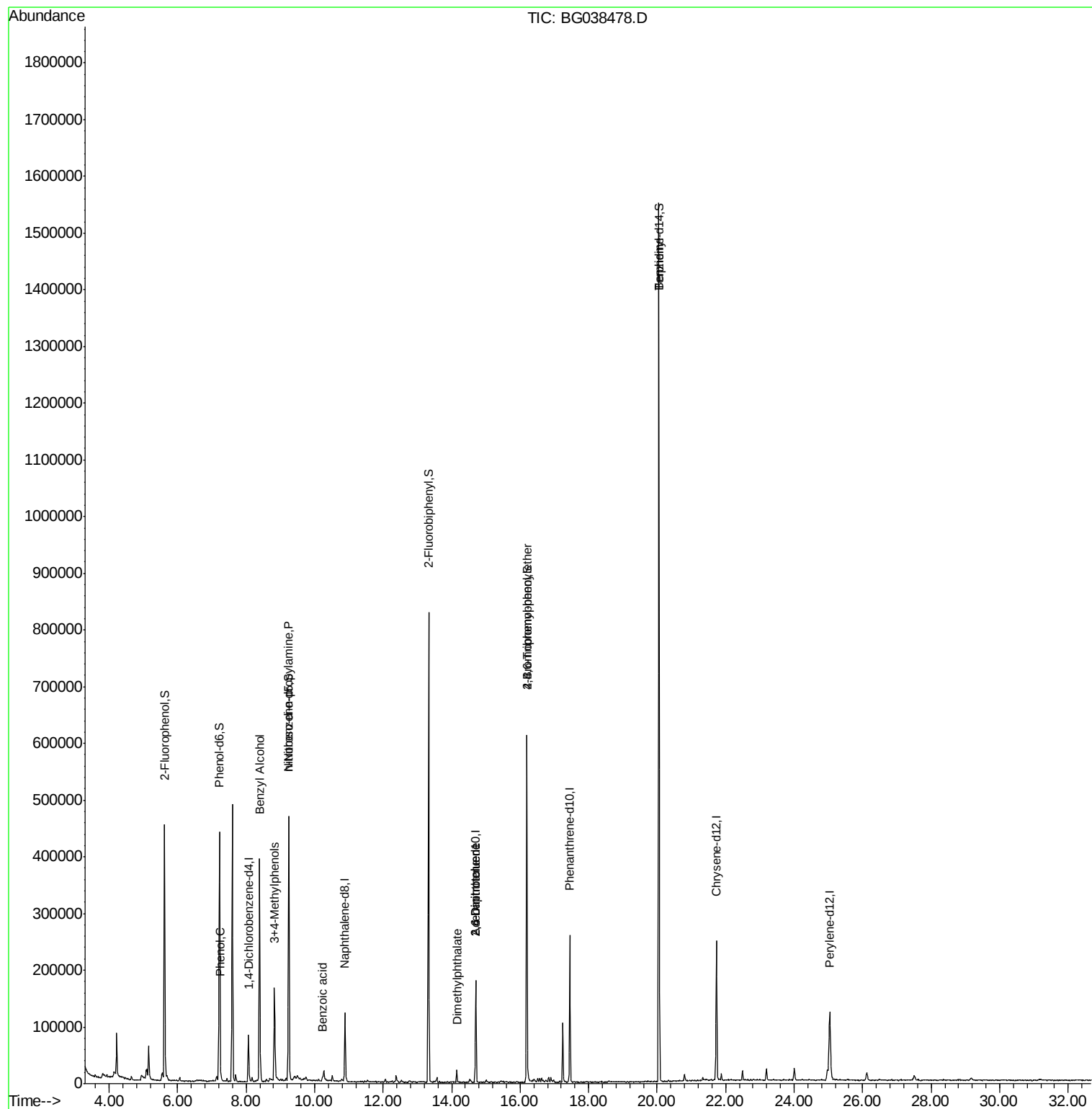
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.25	94	5734	2.853	ng	# 69
15) Benzyl Alcohol	8.39	79	3288	2.103	ng	# 51
17) 2-Methylphenol	8.51	107	264	Below Cal		# 77
19) n-Nitroso-di-n-propylamine	9.25	70	37629	26.351	ng	# 72
20) 3+4-Methylphenols	8.83	107	84547	41.762	ng	# 90
22) Acetophenone	8.90	105	1095	Below Cal		# 63
32) Benzoic acid	10.23	122	61	4.807	ng	# 91
50) Dimethylphthalate	14.15	163	15610	2.926	ng	# 98
51) 2,6-Dinitrotoluene	14.70	165	8474	6.953	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	8474	5.041	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	8219	4.578	ng	# 1
77) Benzidine	20.05	184	12918	2.369	ng	# 92

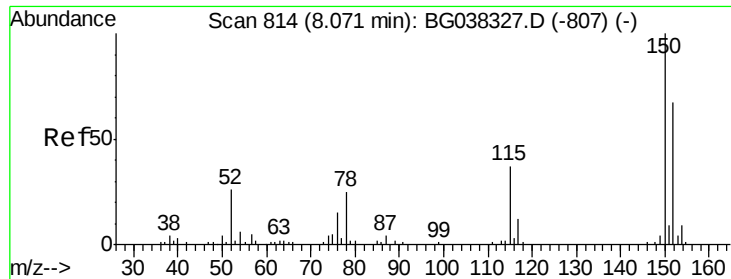
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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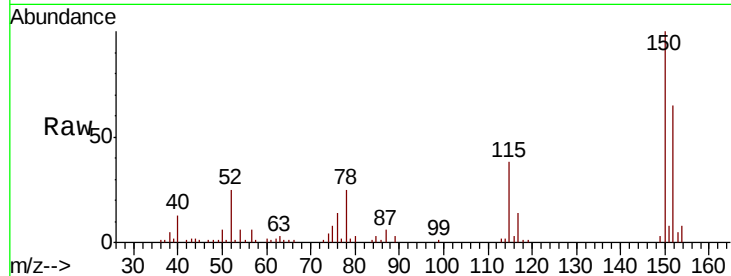


#1

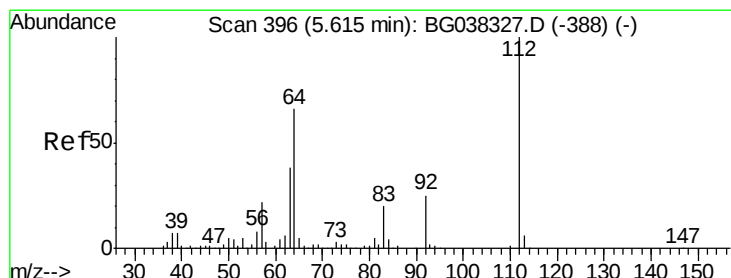
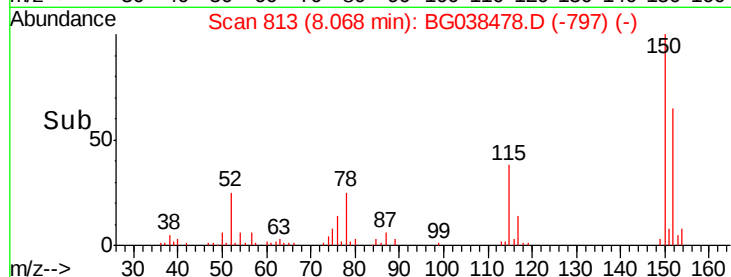
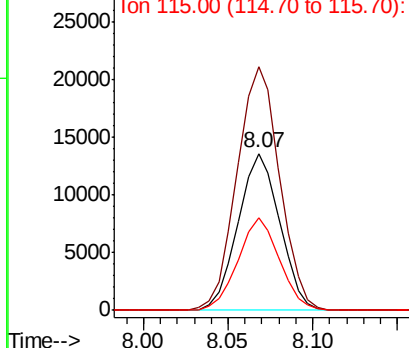
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-PIT

Tgt Ion:152 Resp: 23287
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 58.7 45.5 68.3



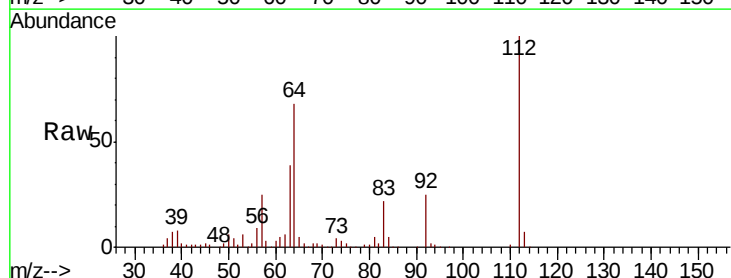
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



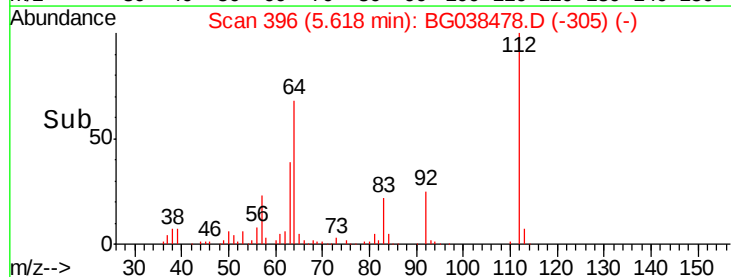
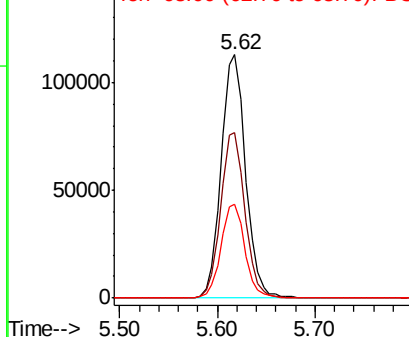
#5

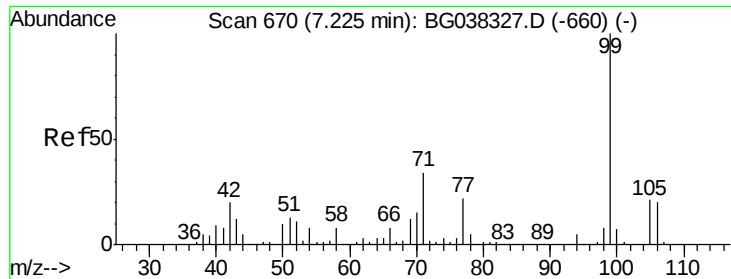
2-Fluorophenol
Concen: 148.902 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

Tgt Ion:112 Resp: 195942
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 38.6 27.3 40.9



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





#7

Phenol-d6

Concen: 132.134 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-PIT

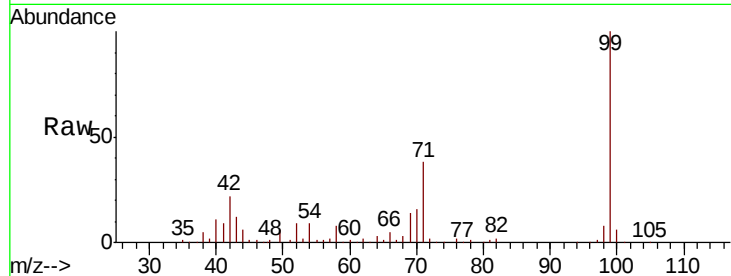
Tgt Ion: 99 Resp: 251310

Ion Ratio Lower Upper

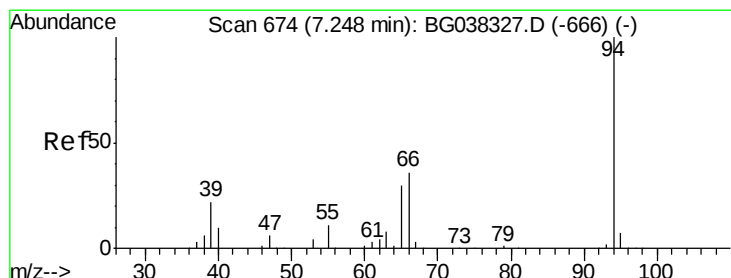
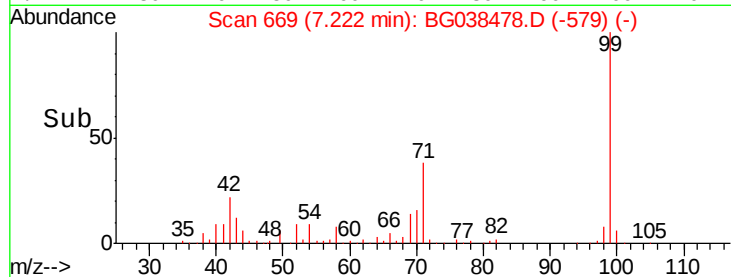
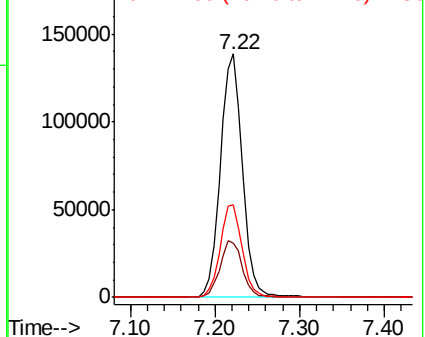
99 100

42 22.3 15.0 22.4

71 38.0 25.5 38.3



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: 2.853 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

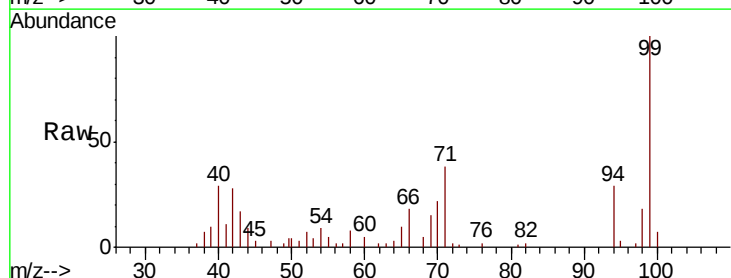
Tgt Ion: 94 Resp: 5734

Ion Ratio Lower Upper

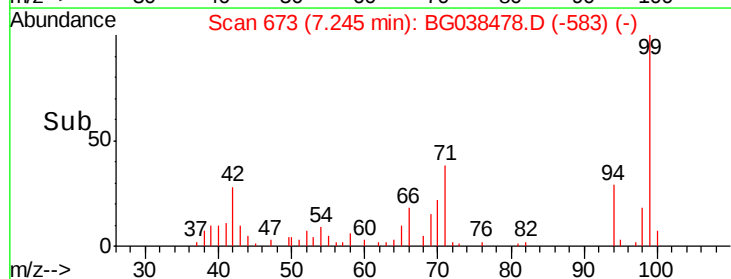
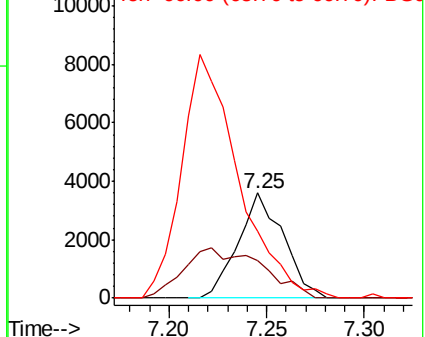
94 100

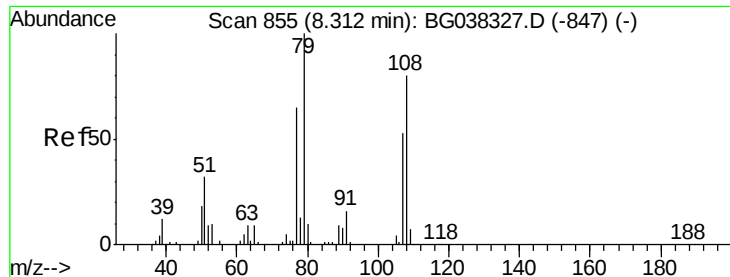
65 35.5 9.7 49.7

66 63.5 15.9 55.9#



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: 2.103 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.08 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-PIT

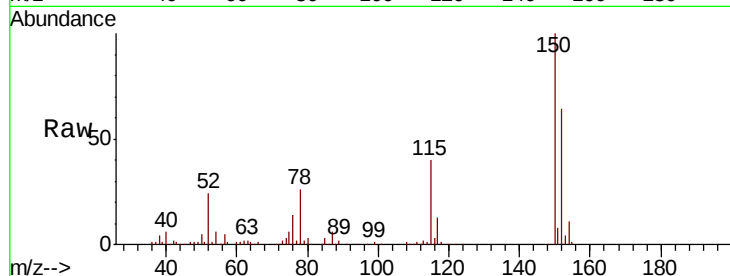
Tgt Ion: 79 Resp: 3288

Ion Ratio Lower Upper

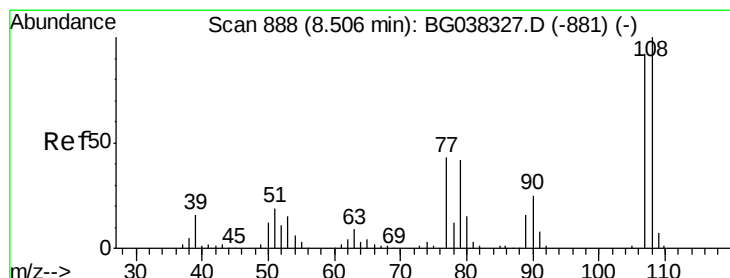
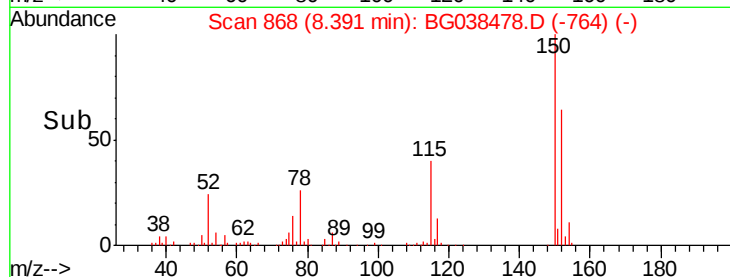
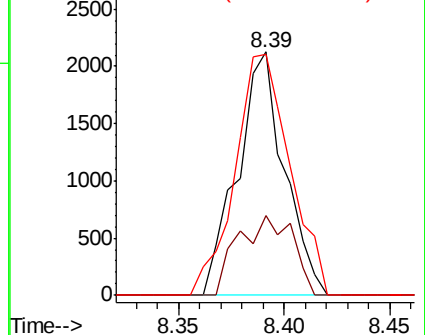
79 100

108 32.9 65.8 98.8#

77 98.8 52.9 79.3#



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



#17

2-Methylphenol

Concen: Below Cal

RT: 8.51 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

Tgt Ion: 107 Resp: 264

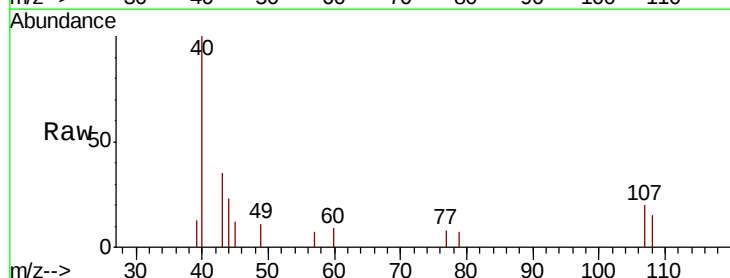
Ion Ratio Lower Upper

107 100

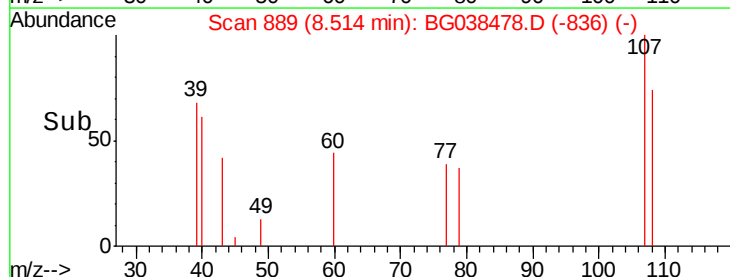
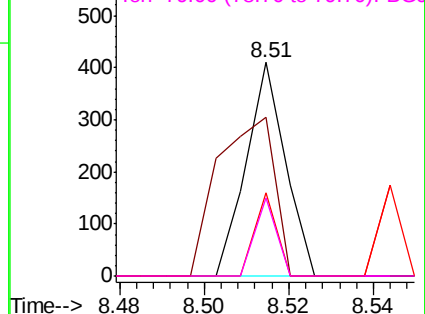
108 74.1 87.9 131.9#

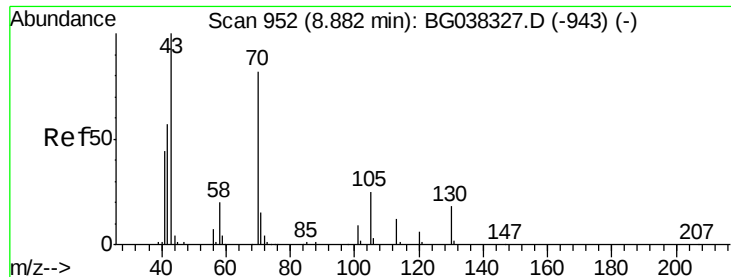
77 39.0 35.1 52.7

79 36.8 34.5 51.7



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

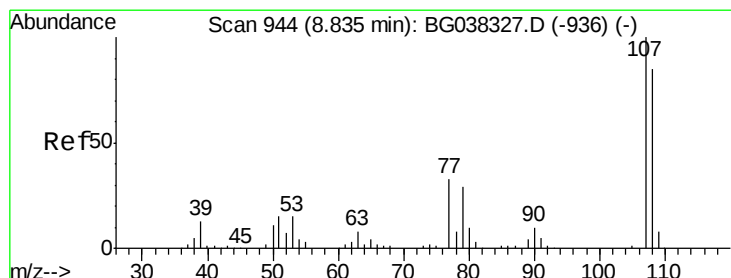
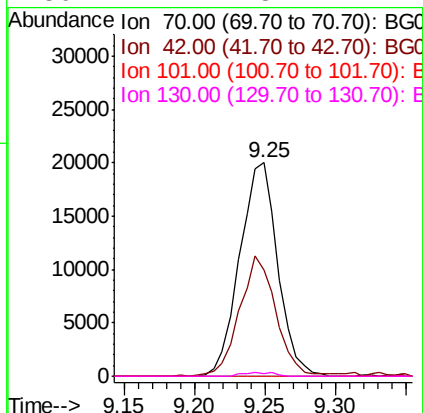
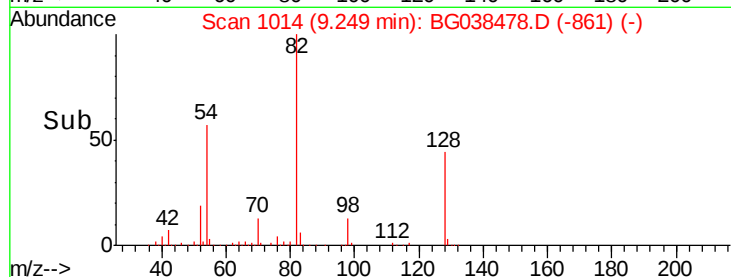
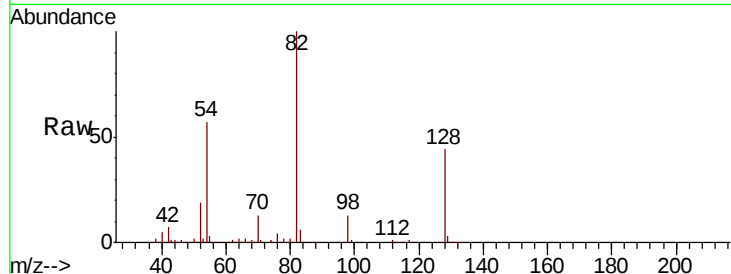




#19
n-Nitroso-di-n-propylamine
Concen: 26.351 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

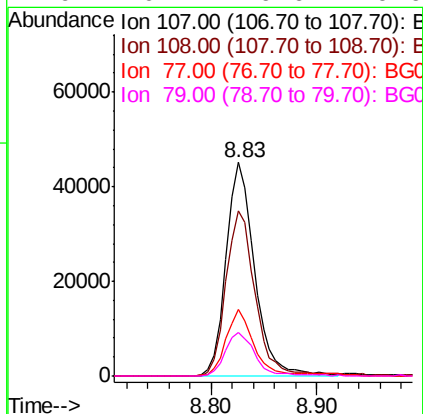
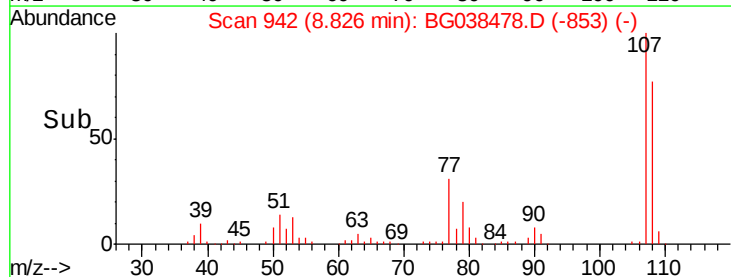
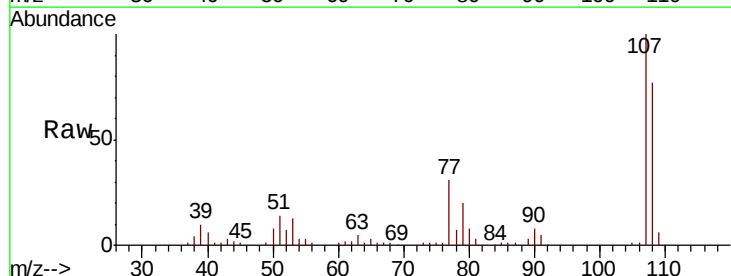
Instrument :
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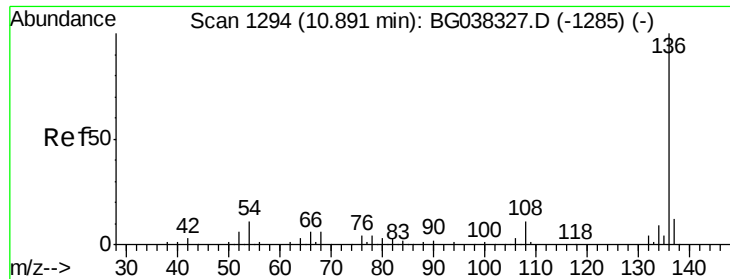
Tgt Ion: 70 Resp: 37629
Ion Ratio Lower Upper
70 100
42 49.7 53.9 80.9#
101 0.0 8.2 12.2#
130 1.4 18.2 27.4#



#20
3+4-Methylphenols
Concen: 41.762 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

Tgt Ion: 107 Resp: 84547
Ion Ratio Lower Upper
107 100
108 77.2 69.9 109.9
77 31.2 11.2 51.2
79 20.4 6.6 46.6

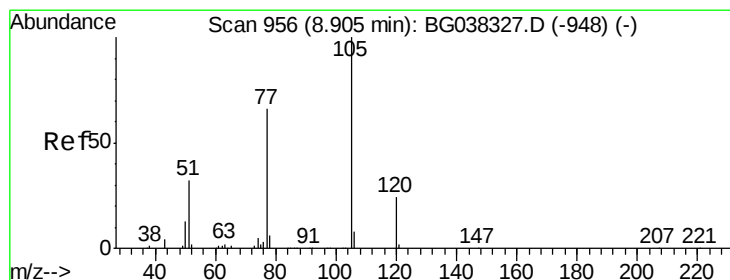
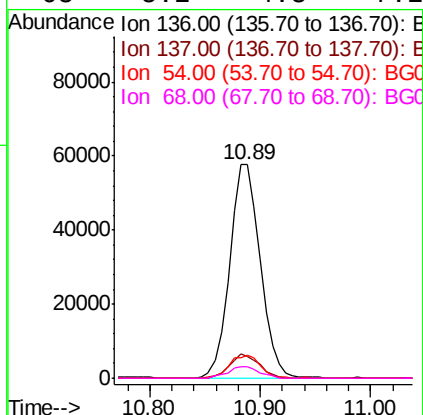
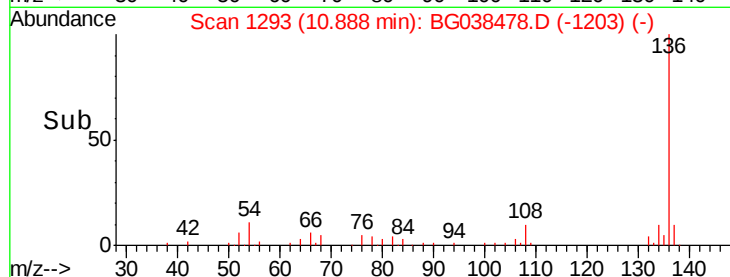
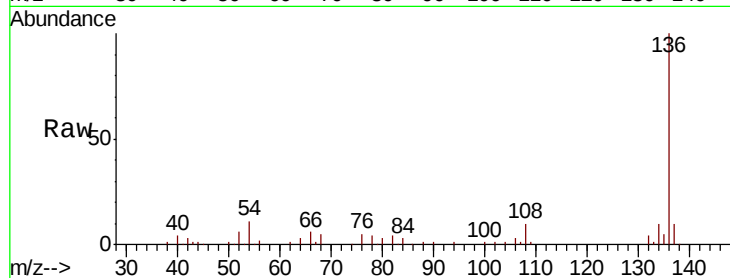




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

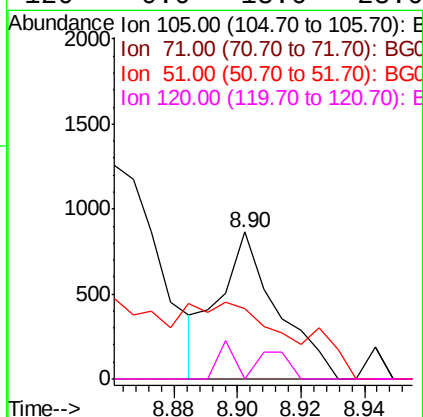
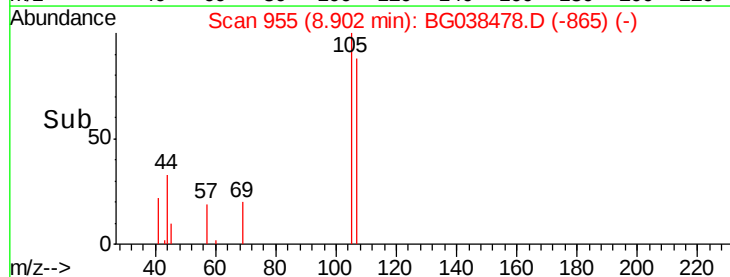
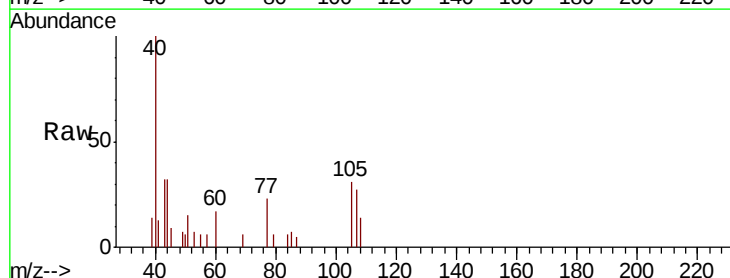
Instrument :
BNA_G
ClientSampleId :
RECLAIMER-PIT

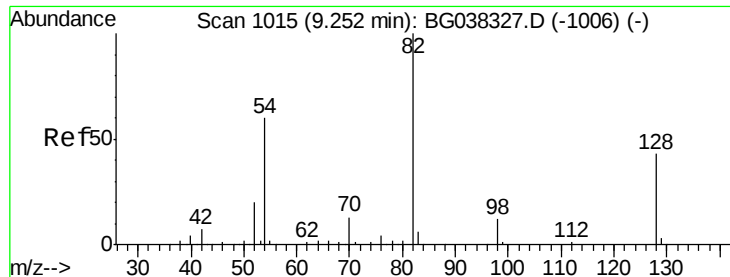
Tgt Ion:	136	Resp:	112061
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.6	14.4
54	10.8	7.9	11.9
68	5.2	4.8	7.2



#22
Acetophenone
Concen: Below Cal
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

Tgt Ion:	105	Resp:	1095
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	47.7	25.0	37.6#
120	0.0	18.6	28.0#

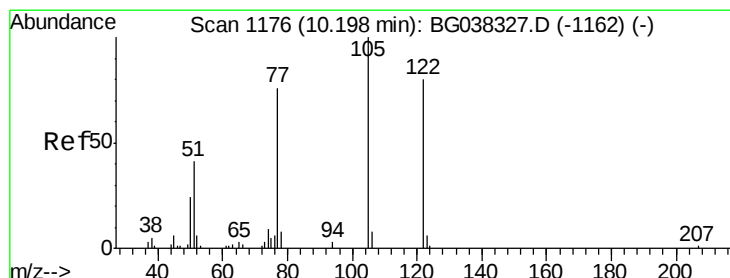
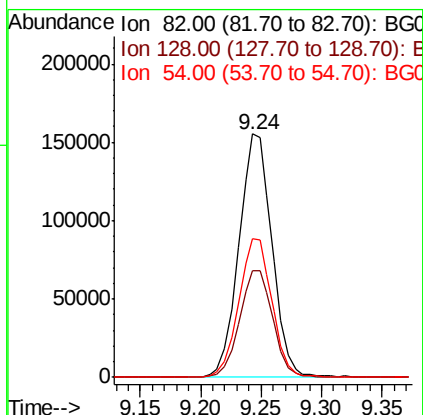
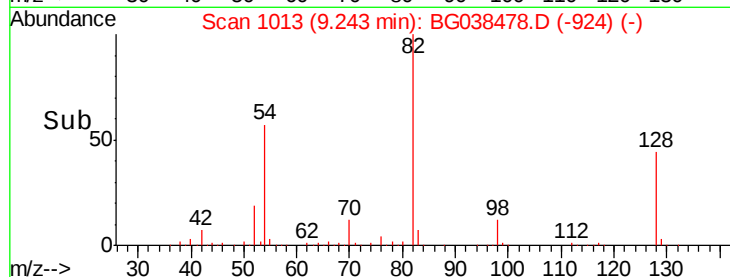
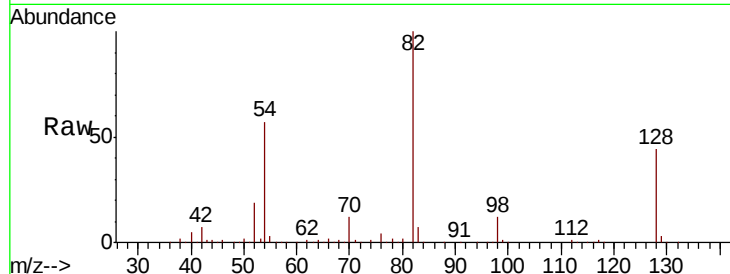




#23
 Nitrobenzene-d5
 Concen: 131.072 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG038478.D
 Acq: 11 Dec 2018 20:37

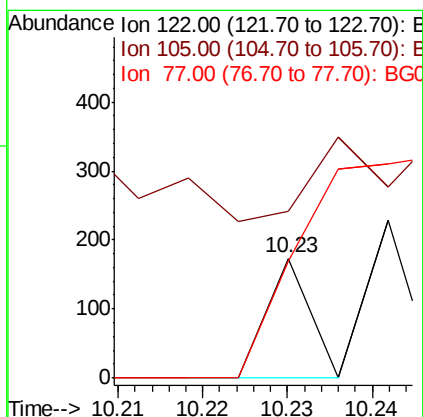
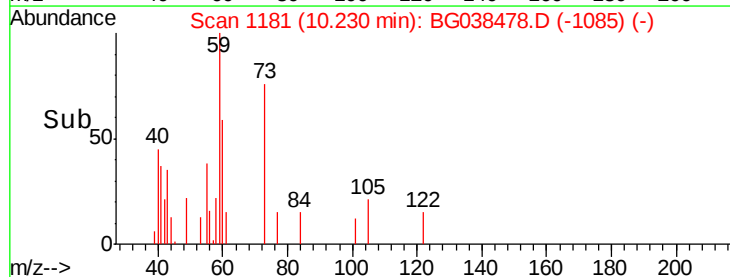
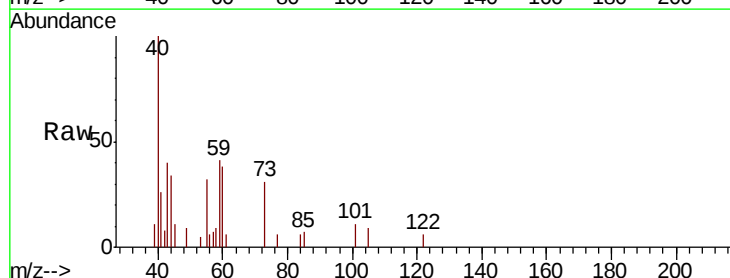
Instrument :
 BNA_G
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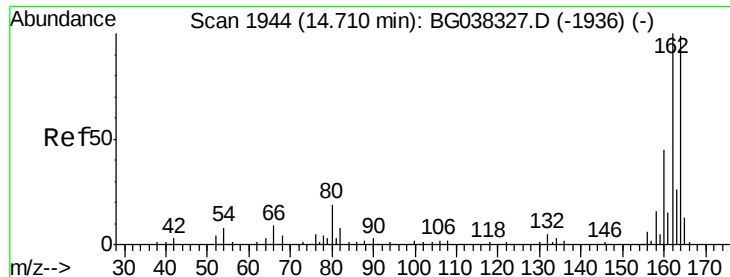
Tgt Ion: 82 Resp: 295844
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 51.8
 54 57.2 45.3 67.9



#32
 Benzoic acid
 Concen: 4.807 ng
 RT: 10.23 min Scan# 1181
 Delta R.T. 0.03 min
 Lab File: BG038478.D
 Acq: 11 Dec 2018 20:37

Tgt Ion: 122 Resp: 61
 Ion Ratio Lower Upper
 122 100
 105 139.3 106.7 146.7
 77 97.7 72.2 112.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-PIT

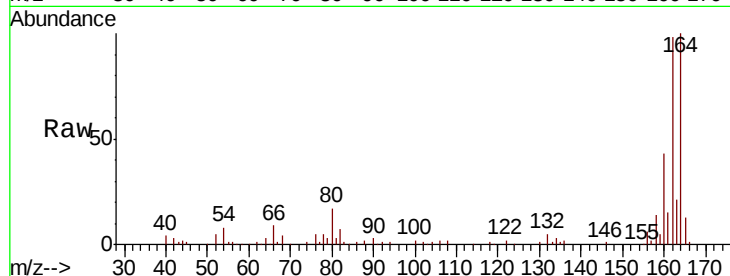
Tgt Ion:164 Resp: 66519

Ion Ratio Lower Upper

164 100

162 97.7 81.3 121.9

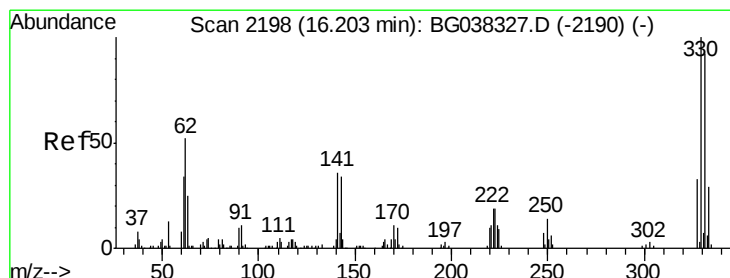
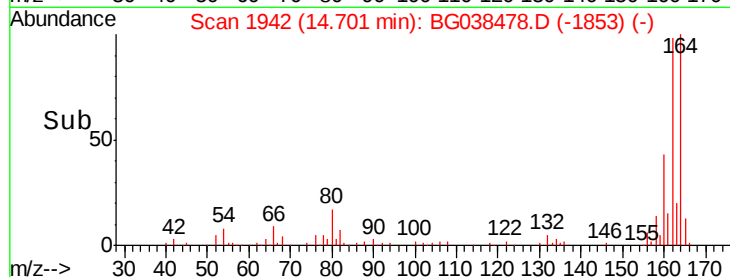
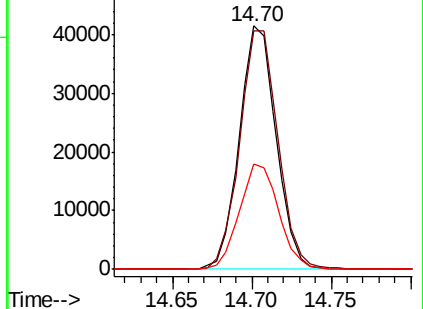
160 43.1 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 152.269 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

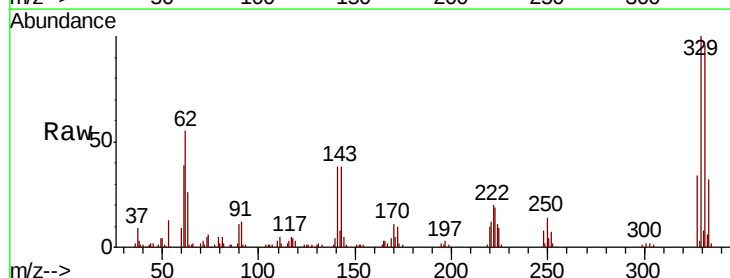
Tgt Ion:330 Resp: 124343

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

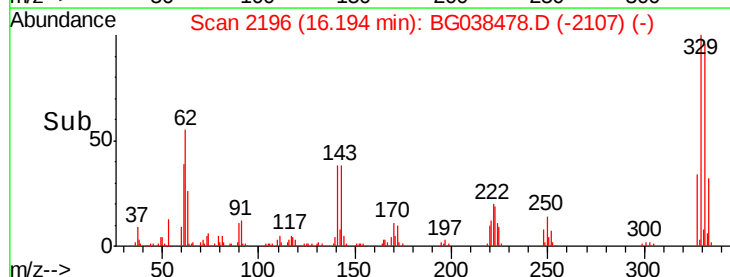
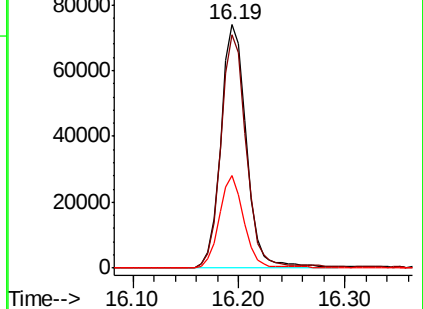
141 37.1 32.2 48.2

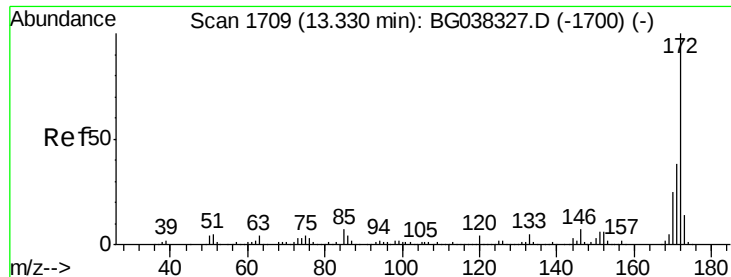


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

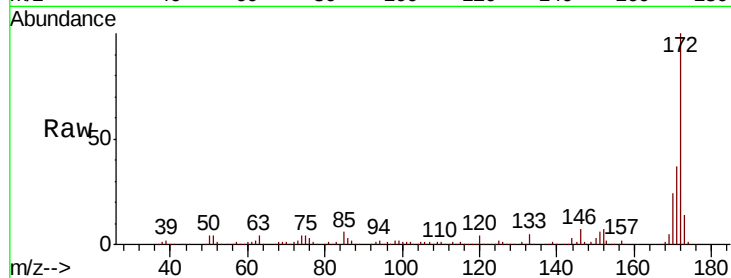




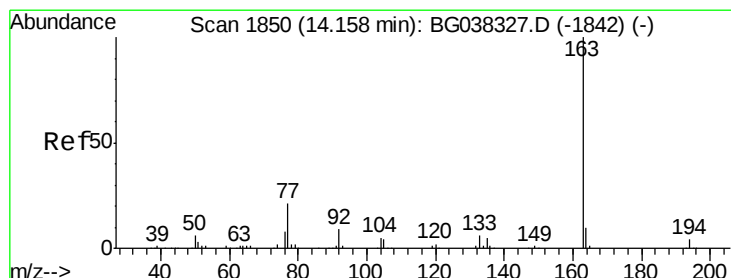
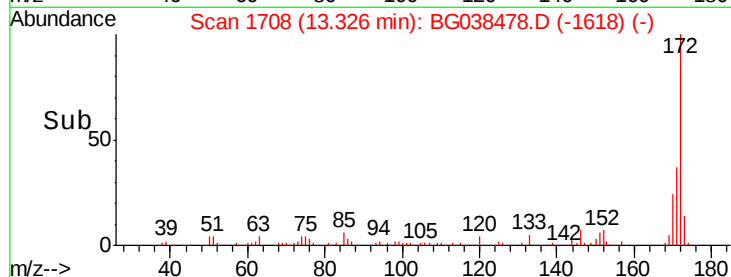
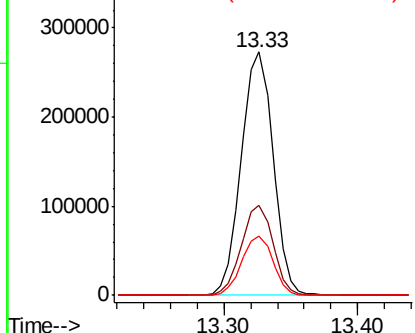
#45
 2-Fluorobiphenyl
 Concen: 96.580 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038478.D
 Acq: 11 Dec 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIMER-PIT

Tgt Ion:172 Resp: 450863
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.0 46.4
 170 24.1 20.2 30.2

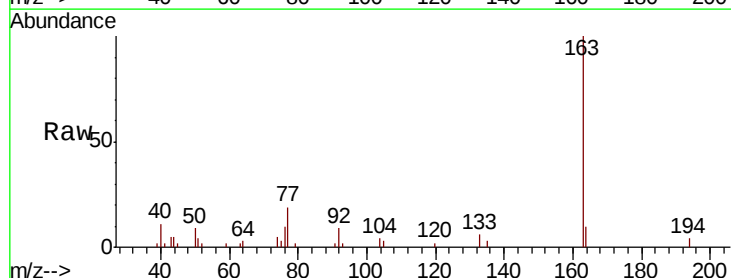


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

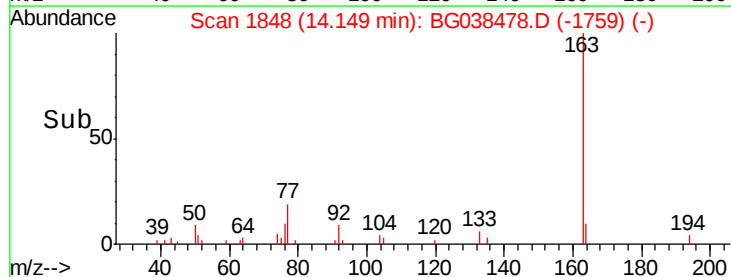
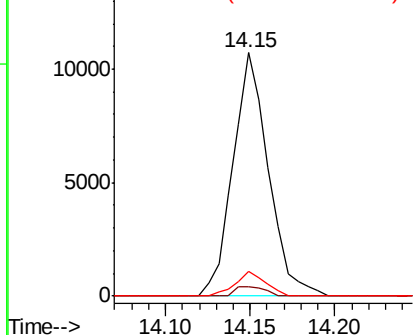


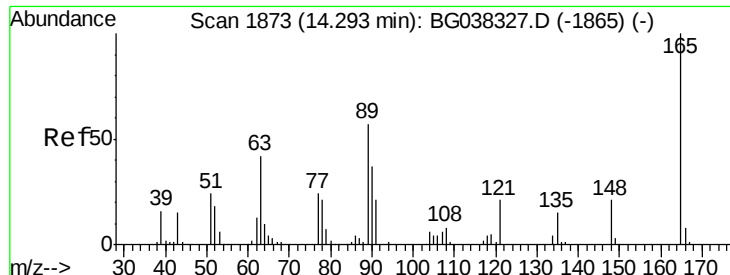
#50
 Dimethylphthalate
 Concen: 2.926 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BG038478.D
 Acq: 11 Dec 2018 20:37

Tgt Ion:163 Resp: 15610
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.5 5.3
 164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

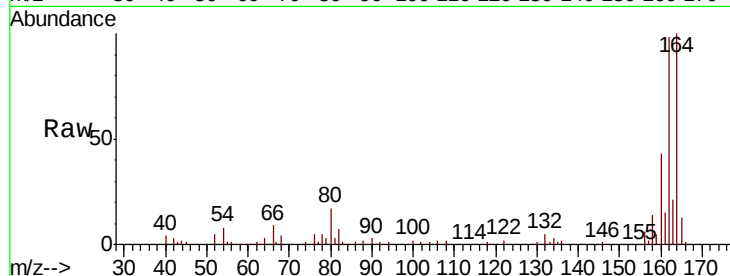




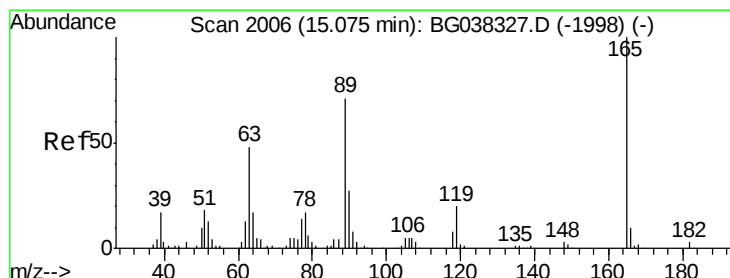
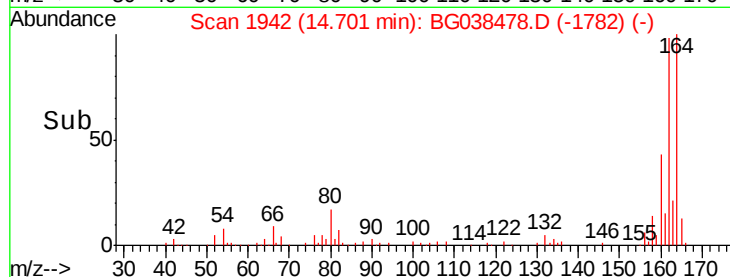
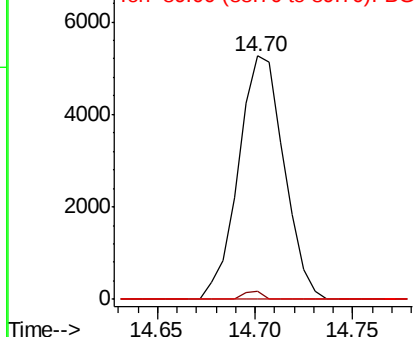
#51
 2,6-Dinitrotoluene
 Concen: 6.953 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.41 min
 Lab File: BG038478.D
 Acq: 11 Dec 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIMER-PIT

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.6	43.4	65.2#
89	0.0	45.8	68.6#



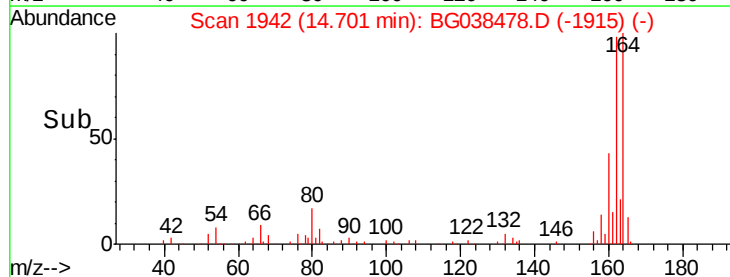
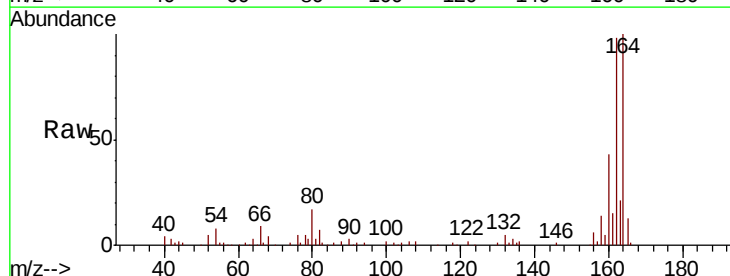
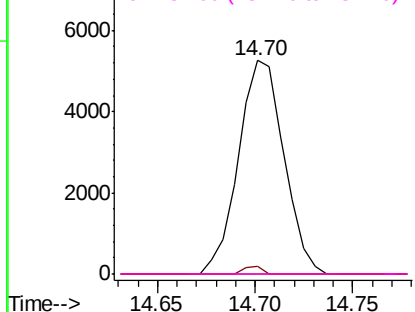
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

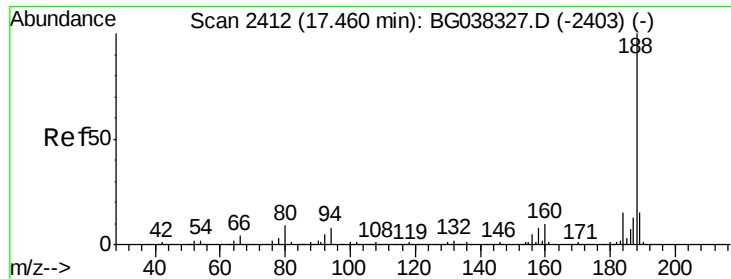


#57
 2,4-Dinitrotoluene
 Concen: 5.041 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG038478.D
 Acq: 11 Dec 2018 20:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.6	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-PIT

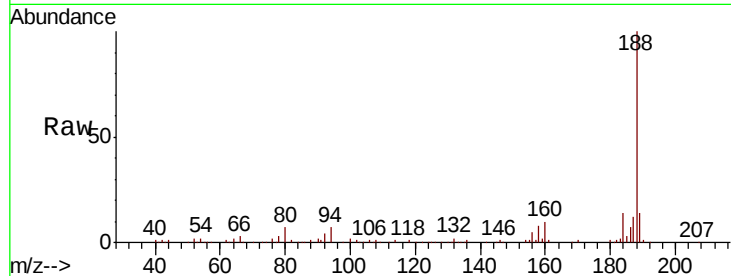
Tgt Ion:188 Resp: 166256

Ion Ratio Lower Upper

188 100

94 6.7 7.2 10.8#

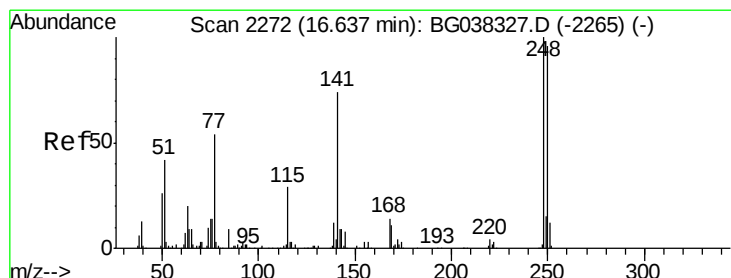
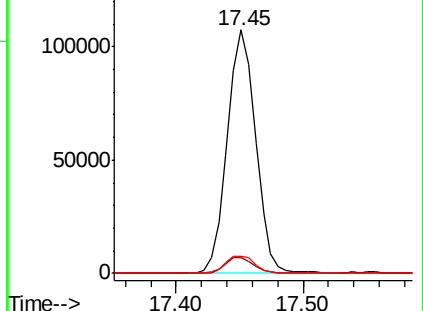
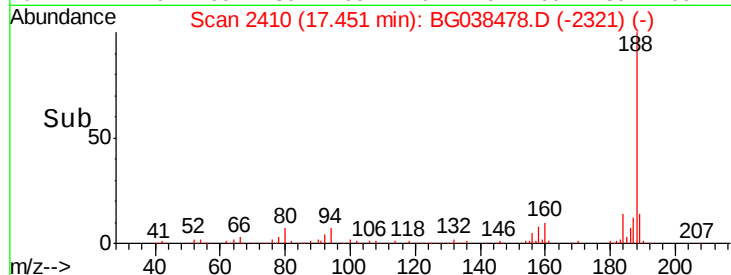
80 7.2 7.7 11.5#



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



#67

4-Bromophenyl-phenylether

Concen: 4.578 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.44 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

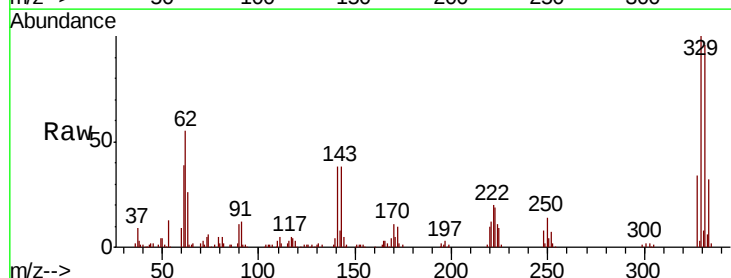
Tgt Ion:248 Resp: 8219

Ion Ratio Lower Upper

248 100

250 186.9 77.0 115.6#

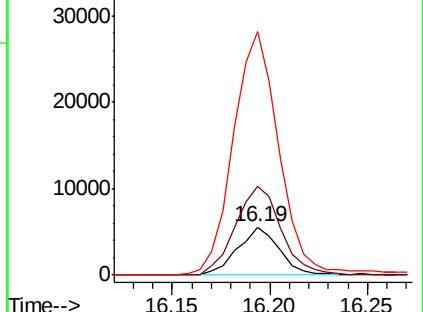
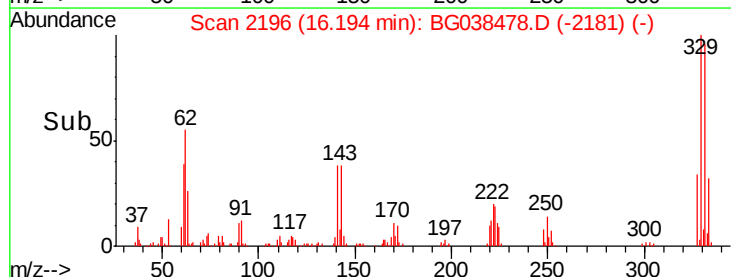
141 396.8 55.5 83.3#

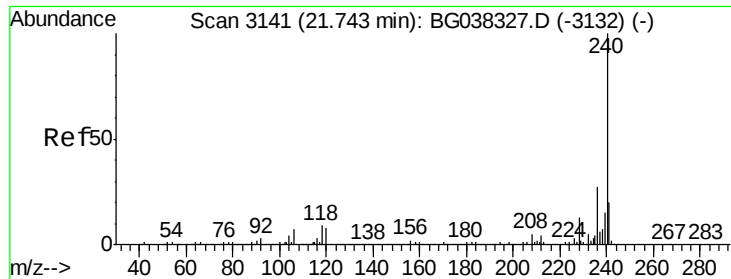


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

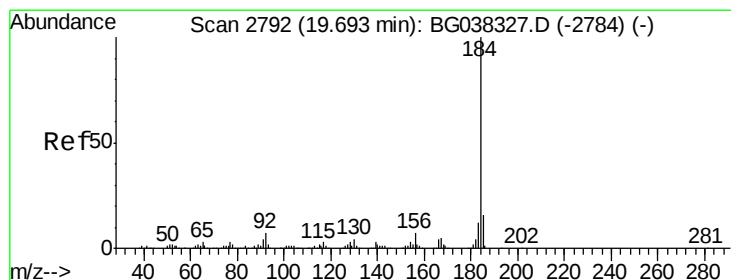
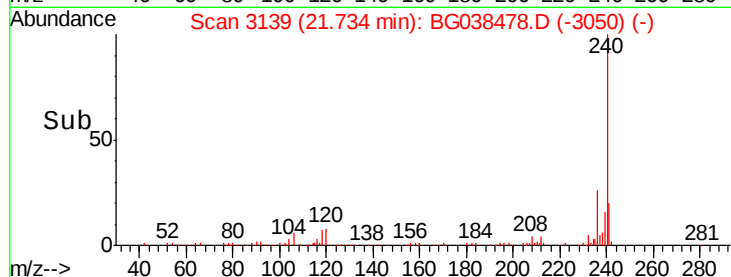
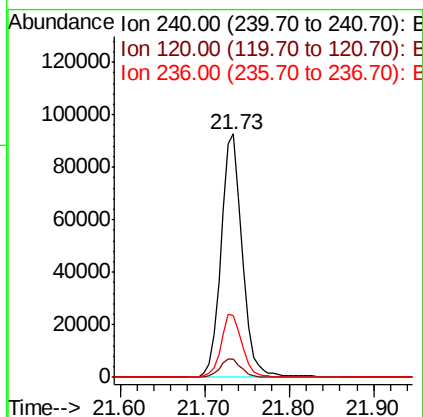
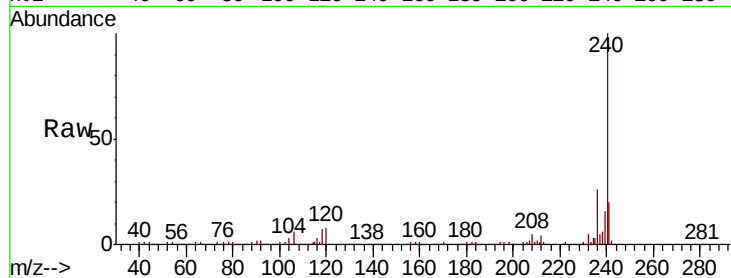




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

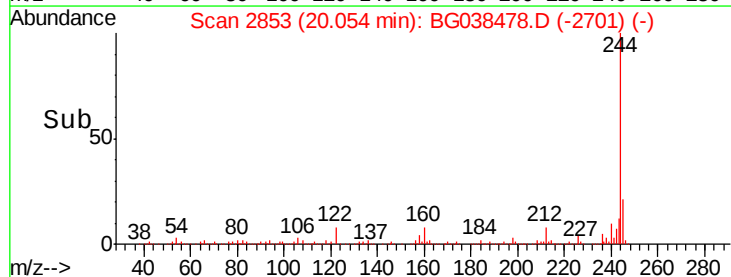
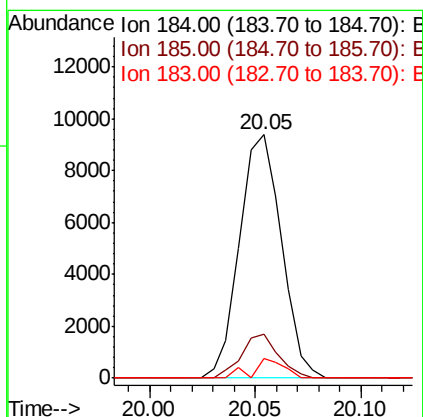
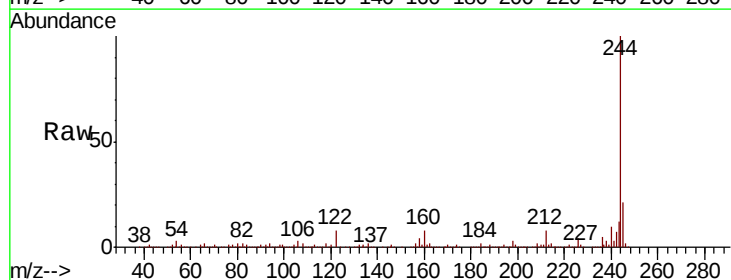
Instrument :
BNA_G
ClientSampleId :
RECLAIMER-PIT

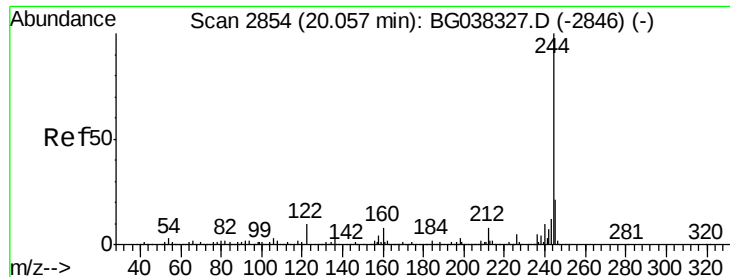
Tgt Ion:240 Resp: 161582
Ion Ratio Lower Upper
240 100
120 7.6 8.1 12.1#
236 25.5 21.4 32.0



#77
Benzidine
Concen: 2.369 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038478.D
Acq: 11 Dec 2018 20:37

Tgt Ion:184 Resp: 12918
Ion Ratio Lower Upper
184 100
185 18.0 12.6 18.8
183 7.8 10.2 15.2#





#79

Terphenyl-d14

Concen: 100.273 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-PIT

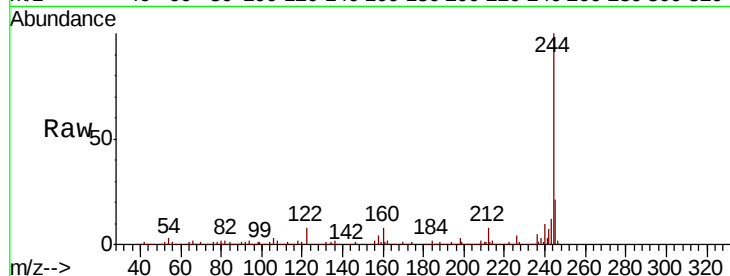
Tgt Ion:244 Resp: 756316

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

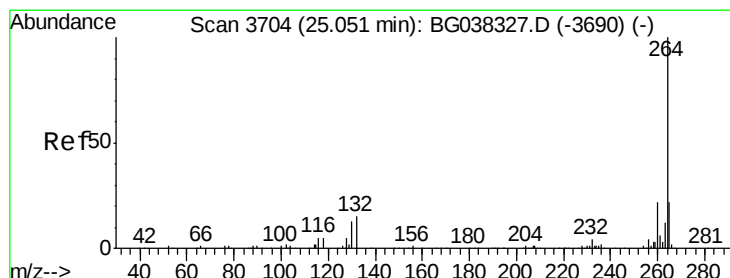
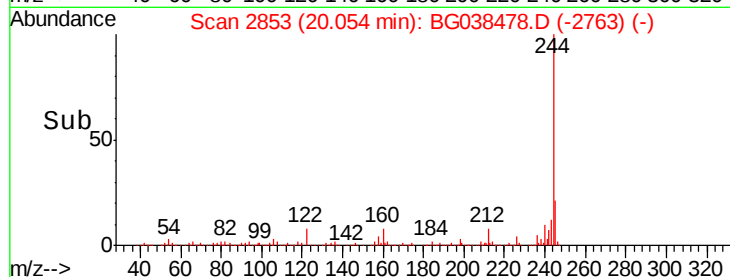
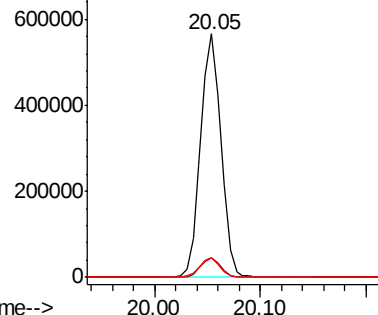
122 8.0 9.0 13.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038478.D

Acq: 11 Dec 2018 20:37

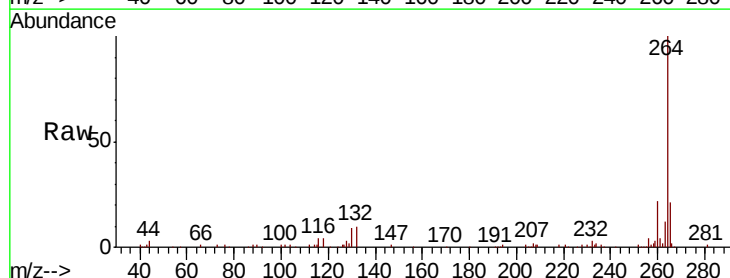
Tgt Ion:264 Resp: 166973

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 20.7 17.9 26.9



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

