

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038482.D
 Acq On : 11 Dec 2018 23:15
 Operator : JU/SJ
 Sample : J6298-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS

Quant Time: Dec 12 03:18:35 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	24513	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	101508	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	68378	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	154645	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	141466	20.00	ng	-0.01
87) Perylene-d12	25.04	264	150107	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	207869	150.06	ng	0.00
7) Phenol-d6	7.22	99	278058	138.89	ng	0.00
23) Nitrobenzene-d5	9.25	82	210651	103.03	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	152144	181.25	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	448052	93.37	ng	0.00
79) Terphenyl-d14	20.05	244	673711	102.02	ng	0.00

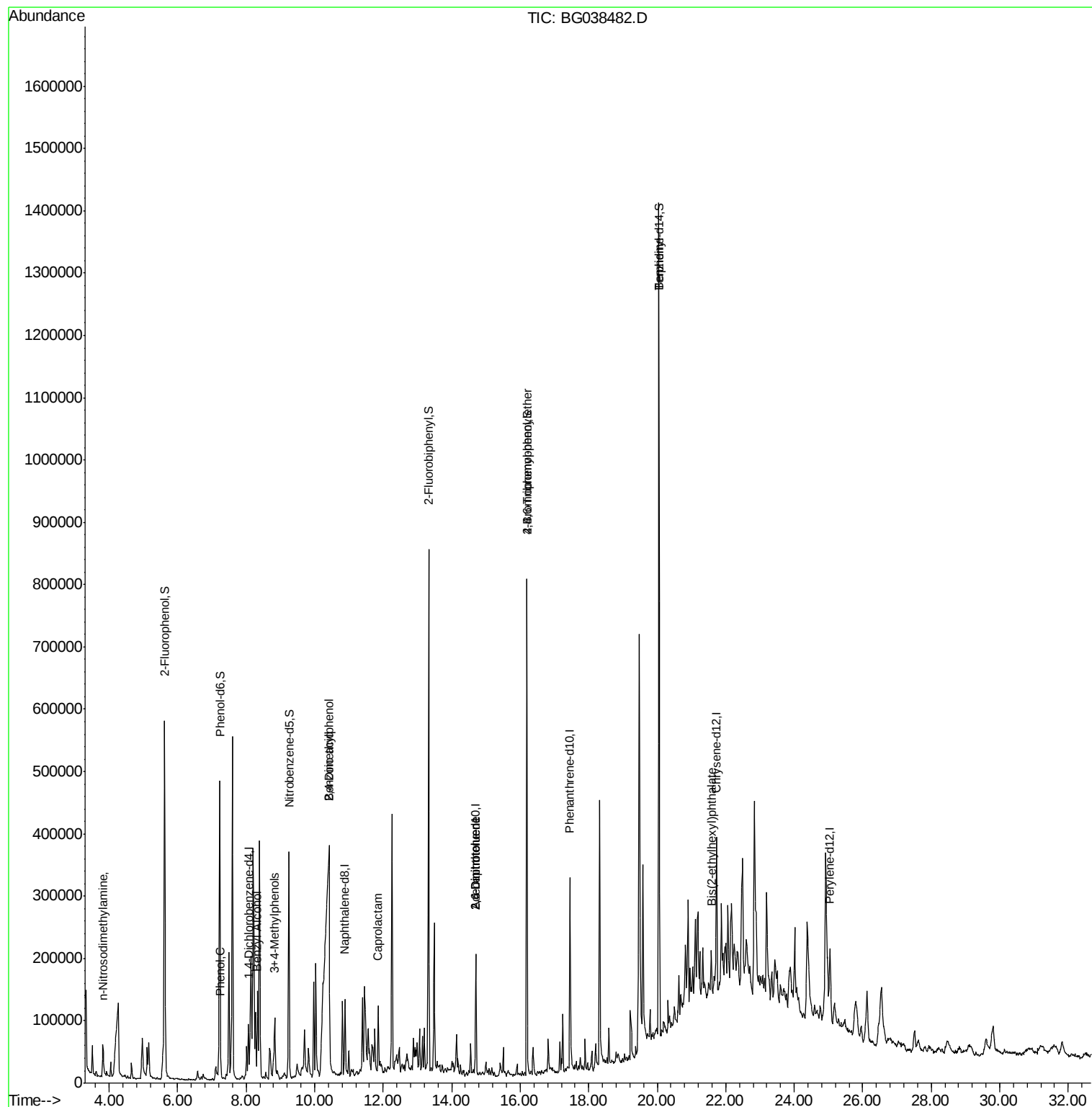
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.82	42	4590	5.517	ng	# 1
10) Phenol	7.26	94	11446	5.411	ng	91
15) Benzyl Alcohol	8.32	79	10432	6.338	ng	88
17) 2-Methylphenol	8.31	107	4995	Below Cal	#	13
19) n-Nitroso-di-n-propylamine	8.91	70	1867	Below Cal	#	79
20) 3+4-Methylphenols	8.83	107	38335	17.989	ng	95
22) Acetophenone	8.90	105	1470	Below Cal	#	55
27) 2,4-Dimethylphenol	10.42	122	544529	393.891	ng	# 3
32) Benzoic acid	10.42	122	544529	504.612	ng	99
35) Caprolactam	11.86	113	3274	5.017	ng	# 1
51) 2,6-Dinitrotoluene	14.71	165	8920	7.120	ng	# 27
57) 2,4-Dinitrotoluene	14.71	165	8920	5.162	ng	# 26
67) 4-Bromophenyl-phenylether	16.19	248	10492	6.283	ng	# 1
77) Benzidine	20.05	184	12487	2.616	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.58	149	29752	5.273	ng	99

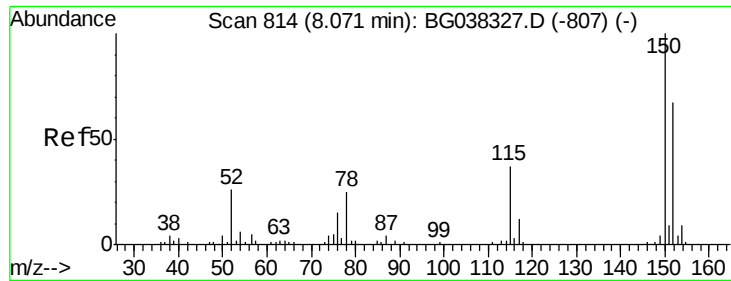
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
Data File : BG038482.D
Acq On : 11 Dec 2018 23:15
Operator : JU/SJ
Sample : J6298-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWS

Quant Time: Dec 12 03:18:35 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

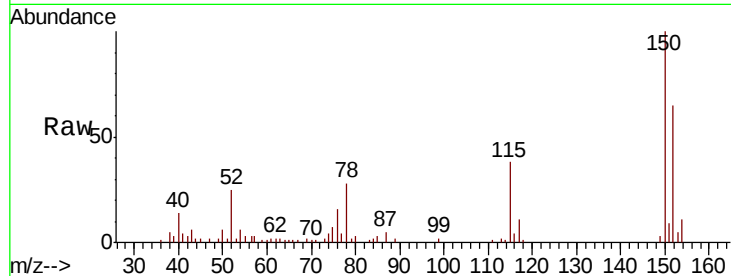




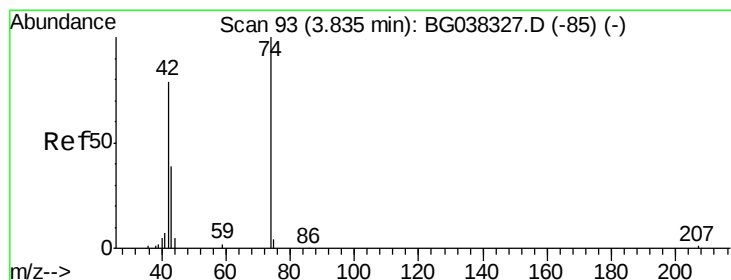
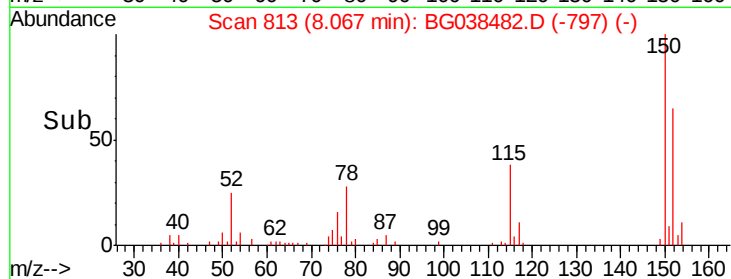
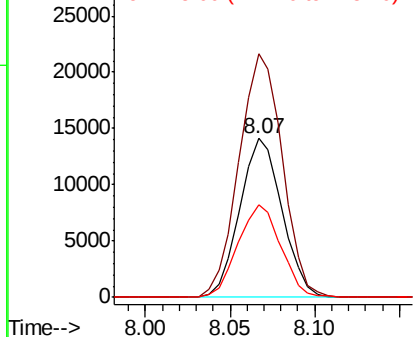
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Instrument :
 BNA_G
 ClientSampleId :
 OWS

Tgt Ion:152 Resp: 24513
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.0 189.0
 115 58.3 45.5 68.3

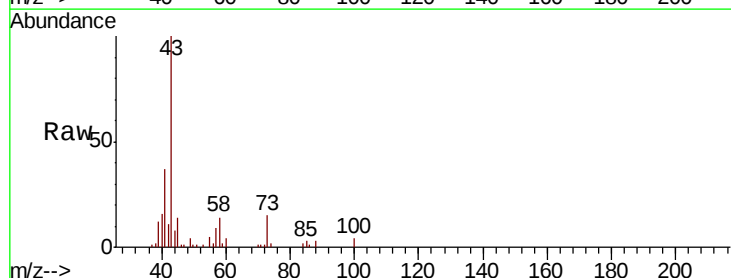


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

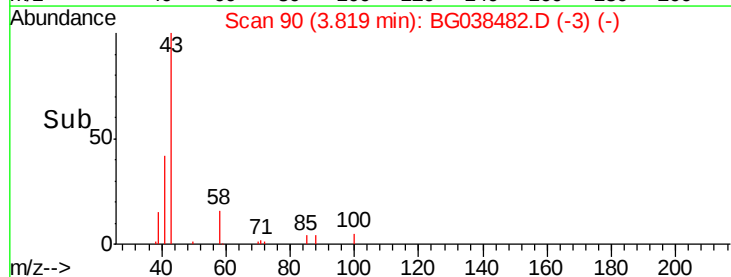
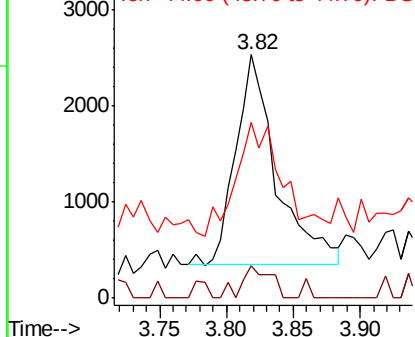


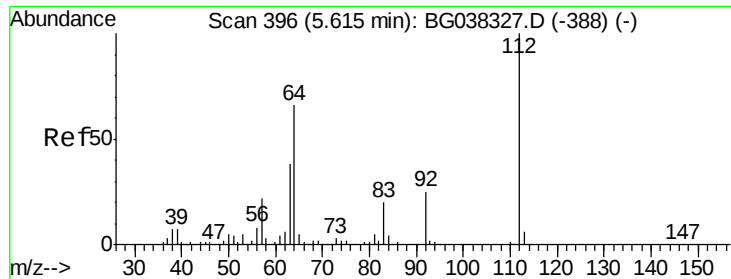
#4
 n-Nitrosodimethylamine
 Concen: 5.517 ng
 RT: 3.82 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Tgt Ion: 42 Resp: 4590
 Ion Ratio Lower Upper
 42 100
 74 13.2 102.0 153.0#
 44 72.3 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.065 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038482.D

Acq: 11 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

OWS

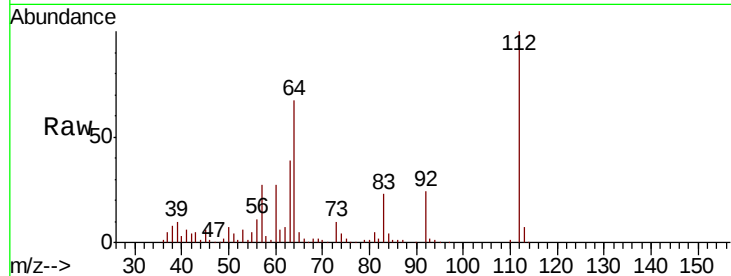
Tgt Ion:112 Resp: 207869

Ion Ratio Lower Upper

112 100

64 67.0 53.1 79.7

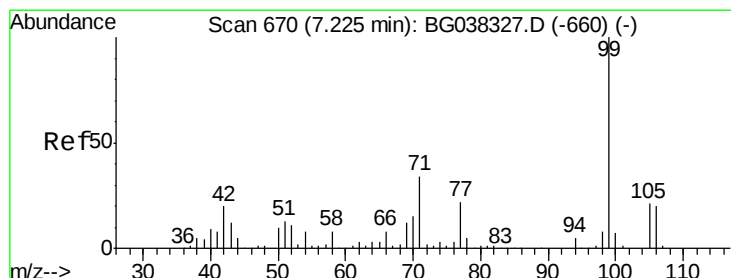
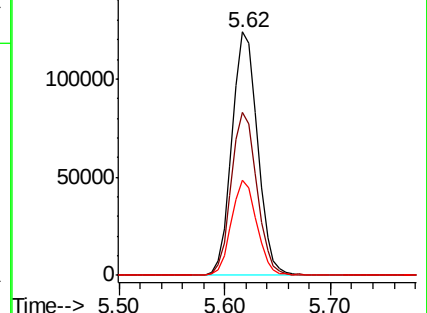
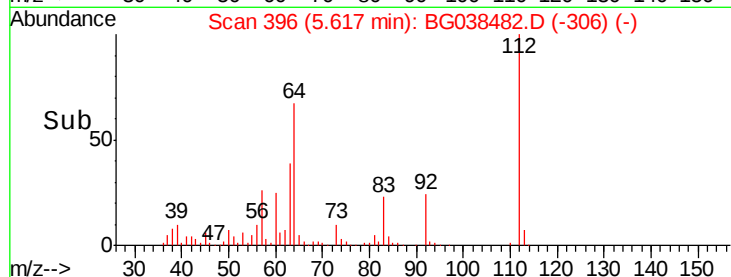
63 39.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 138.885 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038482.D

Acq: 11 Dec 2018 23:15

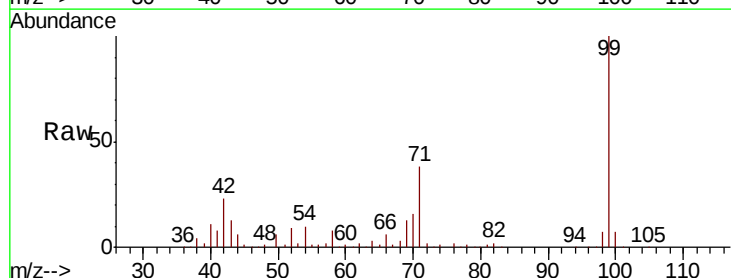
Tgt Ion: 99 Resp: 278058

Ion Ratio Lower Upper

99 100

42 22.7 15.0 22.4#

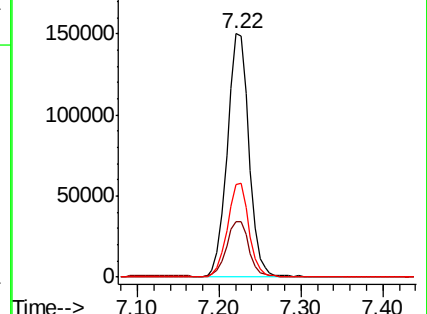
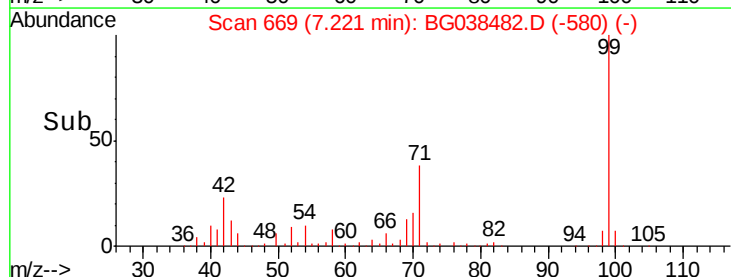
71 38.0 25.5 38.3

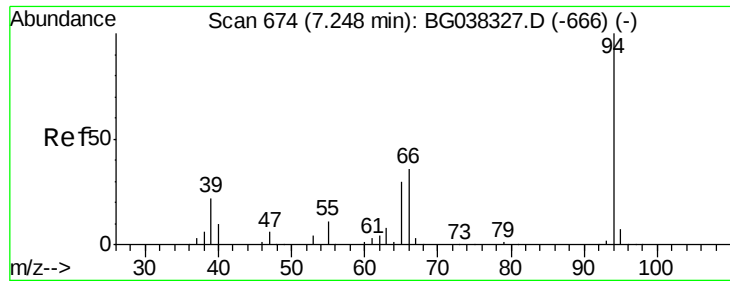


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 5.411 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG038482.D

Acq: 11 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

OVS

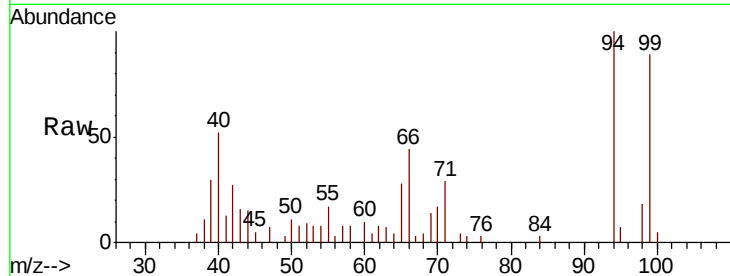
Tgt Ion: 94 Resp: 11446

Ion Ratio Lower Upper

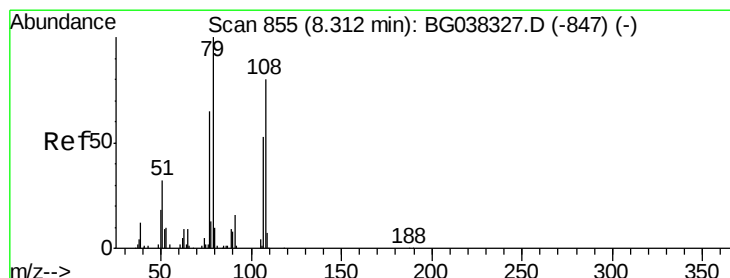
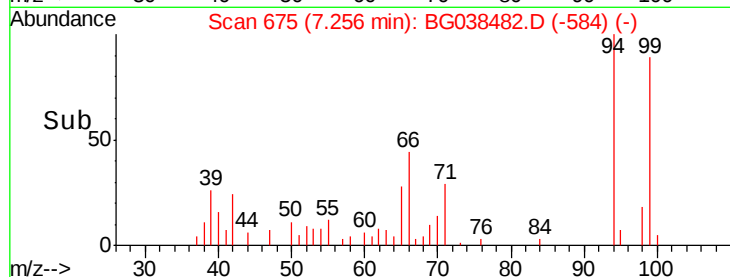
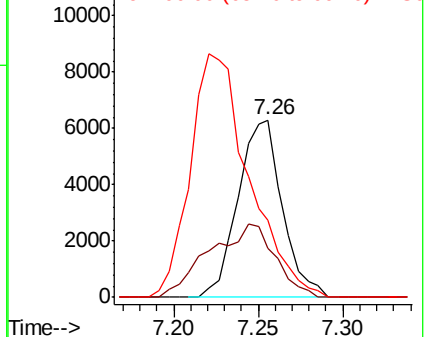
94 100

65 28.0 9.7 49.7

66 43.7 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: 6.338 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.01 min

Lab File: BG038482.D

Acq: 11 Dec 2018 23:15

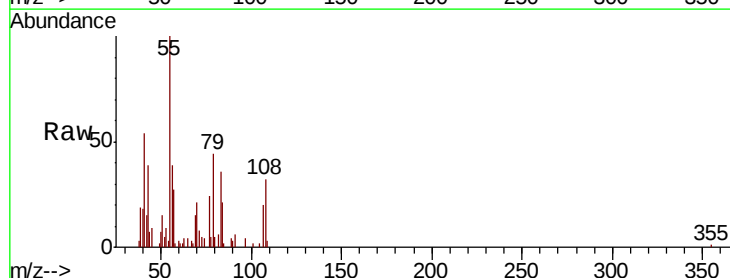
Tgt Ion: 79 Resp: 10432

Ion Ratio Lower Upper

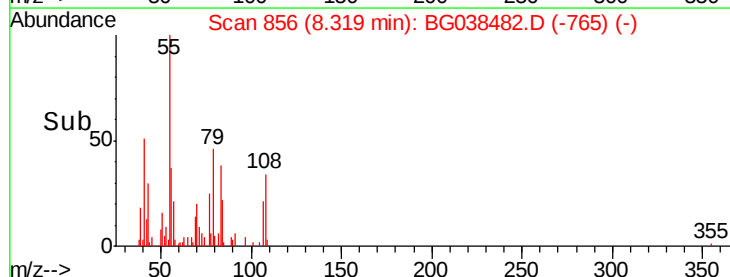
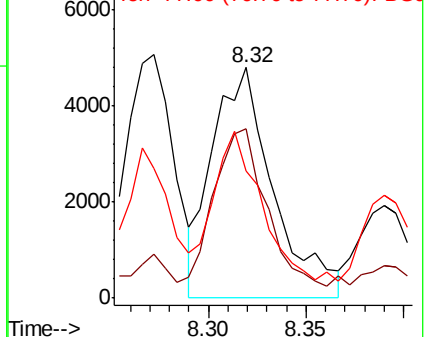
79 100

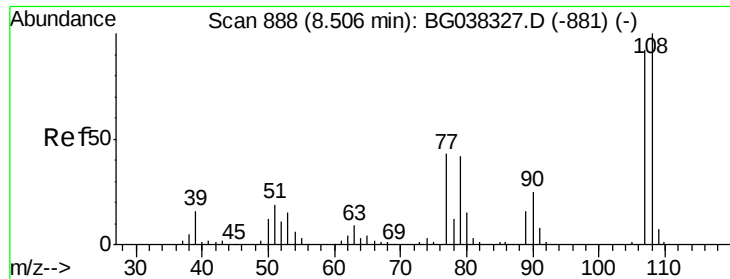
108 73.6 65.8 98.8

77 55.0 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

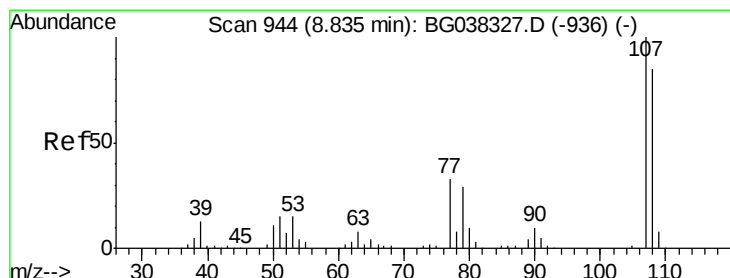
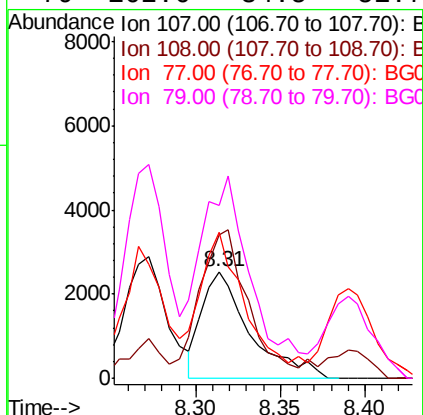
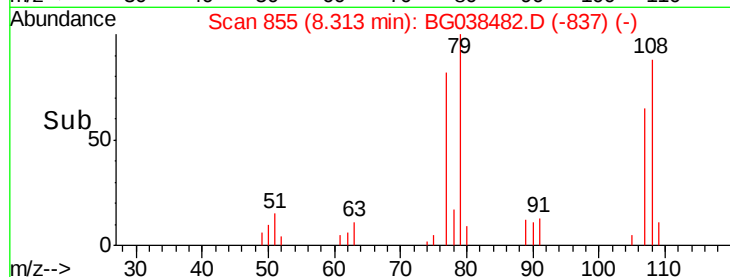
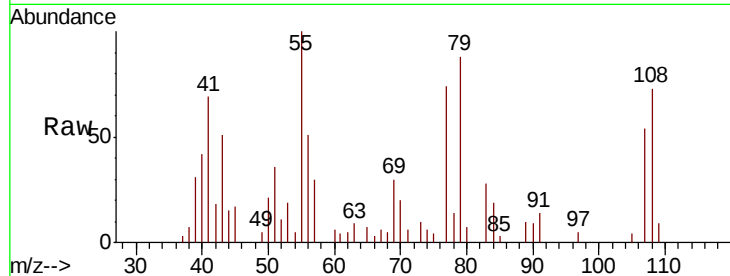




#17
2-Methylphenol
Concen: Below Cal
RT: 8.31 min Scan# 855
Delta R.T. -0.19 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

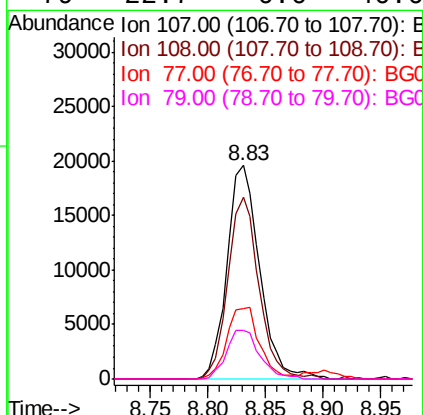
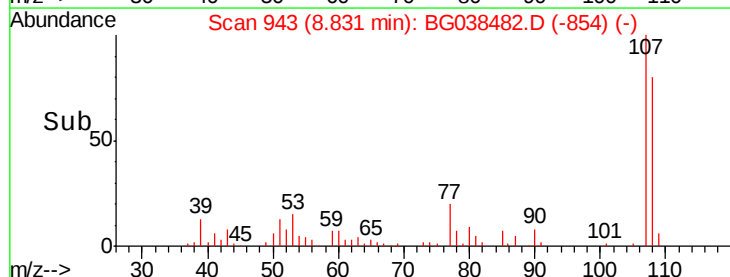
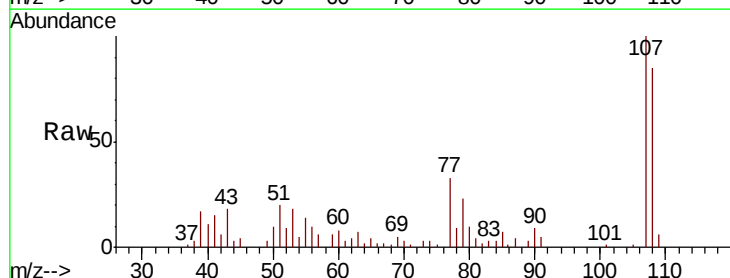
Instrument :
BNA_G
ClientSampleId :
OWS

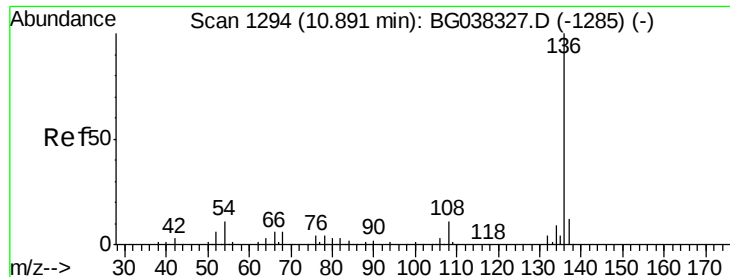
Tgt Ion:107 Resp: 4995
Ion Ratio Lower Upper
107 100
108 135.3 87.9 131.9#
77 137.5 35.1 52.7#
79 162.6 34.5 51.7#



#20
3+4-Methylphenols
Concen: 17.989 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

Tgt Ion:107 Resp: 38335
Ion Ratio Lower Upper
107 100
108 85.2 69.9 109.9
77 33.0 11.2 51.2
79 22.7 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: BG038482.D

Acq: 11 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

OWS

Tgt Ion:136 Resp: 101508

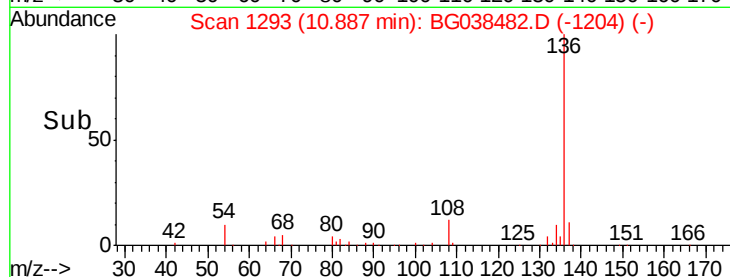
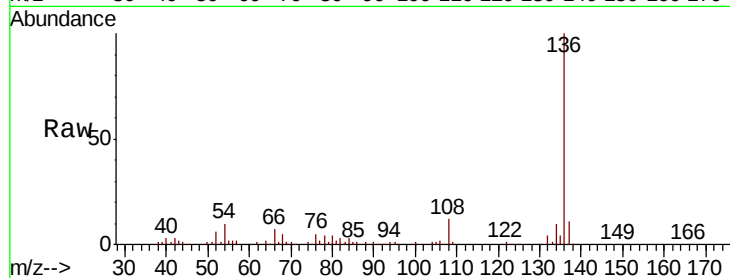
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 10.1 7.9 11.9

68 5.4 4.8 7.2

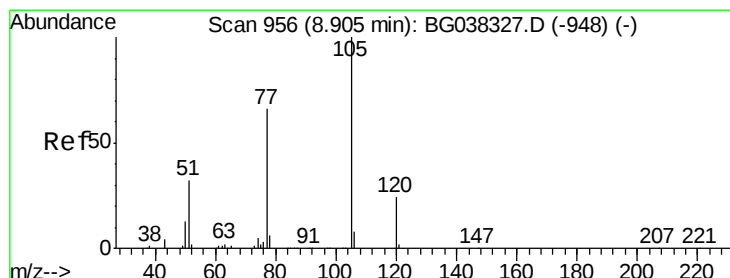
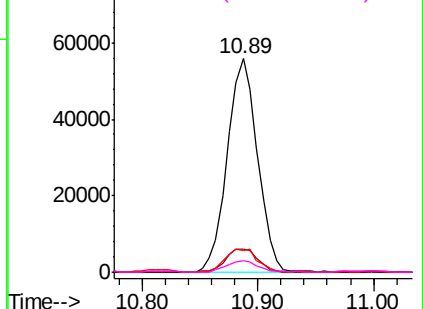


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: Below Cal

RT: 8.90 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG038482.D

Acq: 11 Dec 2018 23:15

Tgt Ion:105 Resp: 1470

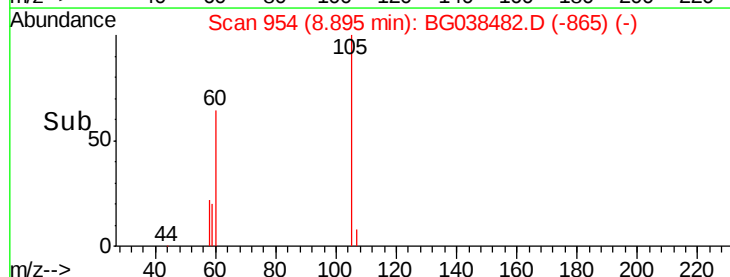
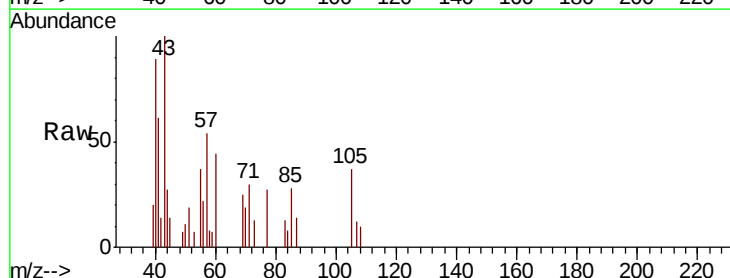
Ion Ratio Lower Upper

105 100

71 80.5 1.2 1.8#

51 51.1 25.0 37.6#

120 0.0 18.6 28.0#

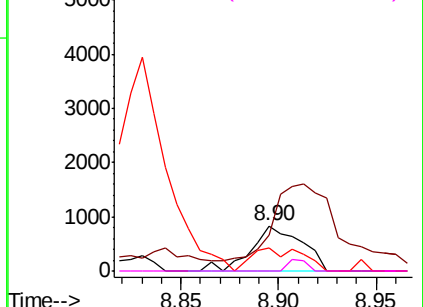


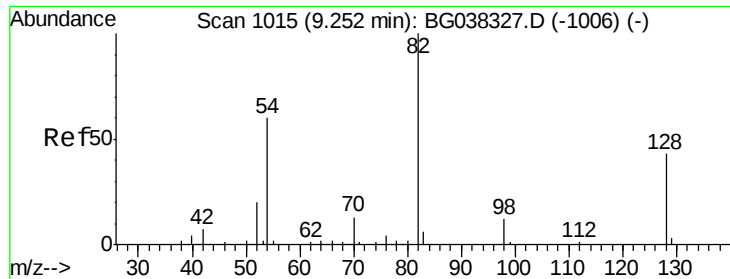
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

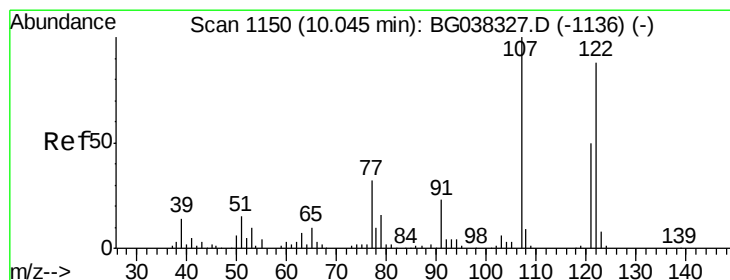
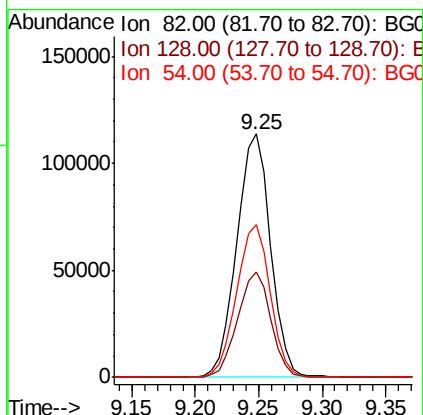
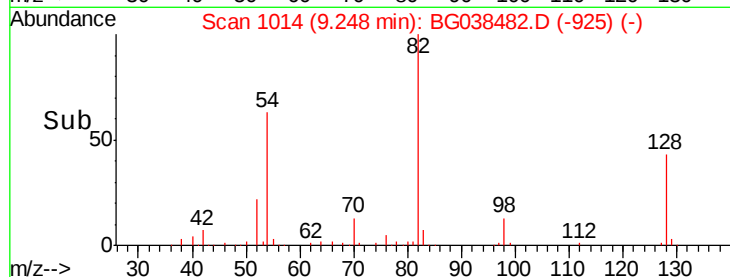
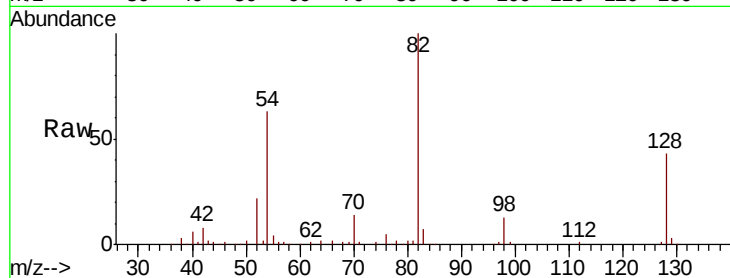




#23
 Nitrobenzene-d5
 Concen: 103.030 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

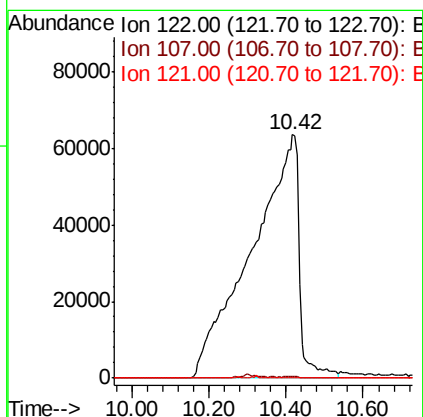
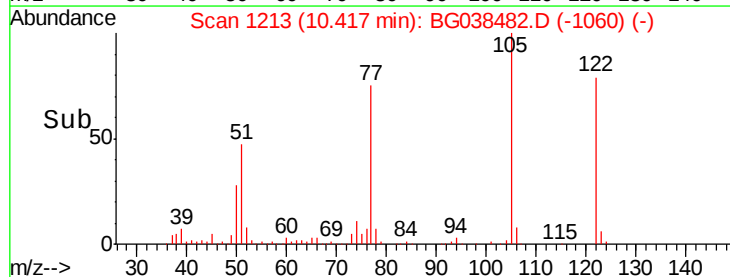
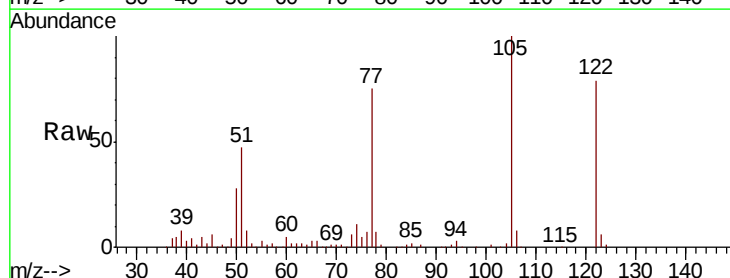
Instrument :
 BNA_G
 ClientSampleId :
 OWS

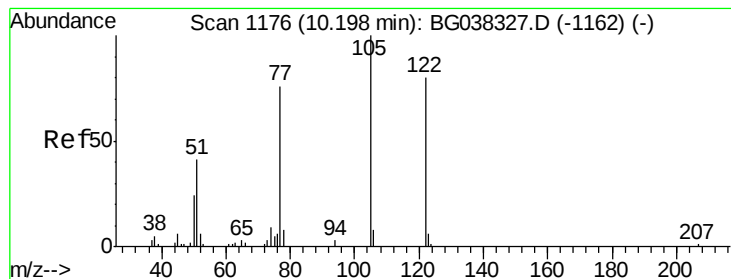
Tgt Ion: 82 Resp: 210651
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 62.8 45.3 67.9



#27
 2,4-Dimethylphenol
 Concen: 393.891 ng
 RT: 10.42 min Scan# 1213
 Delta R.T. 0.37 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Tgt Ion: 122 Resp: 544529
 Ion Ratio Lower Upper
 122 100
 107 0.5 94.2 141.2#
 121 0.0 47.3 70.9#





#32

Benzoic acid

Concen: 504.612 ng

RT: 10.42 min Scan# 1213

Delta R.T. 0.22 min

Lab File: BG038482.D

Acq: 11 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

OVS

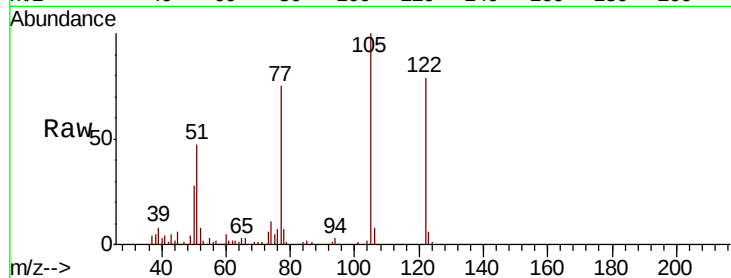
Tgt Ion:122 Resp: 544529

Ion Ratio Lower Upper

122 100

105 126.5 106.7 146.7

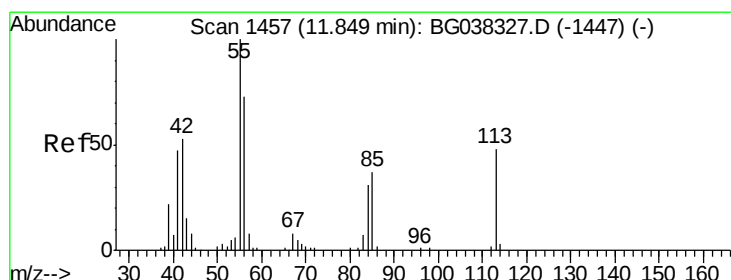
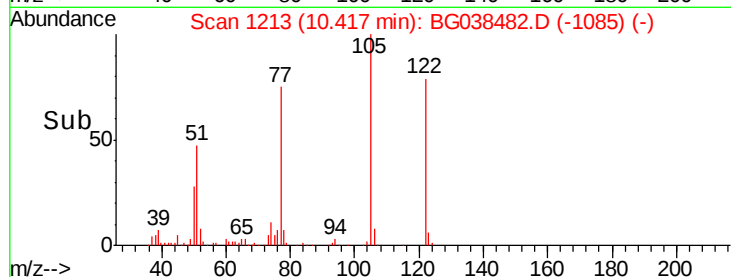
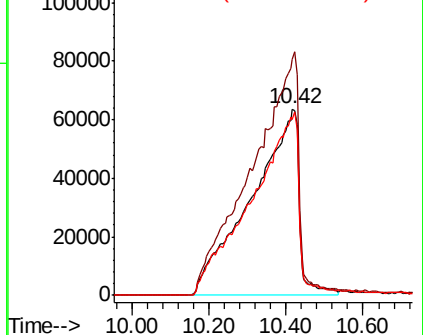
77 94.6 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 5.017 ng

RT: 11.86 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BG038482.D

Acq: 11 Dec 2018 23:15

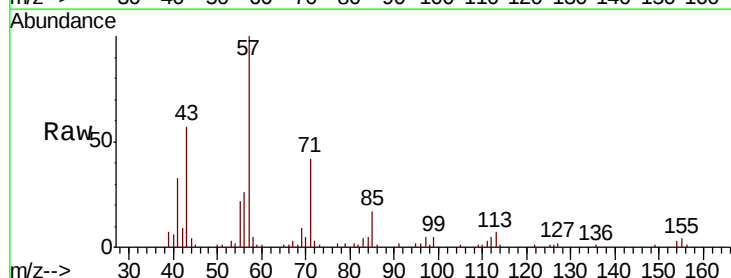
Tgt Ion:113 Resp: 3274

Ion Ratio Lower Upper

113 100

55 333.7 176.6 216.6#

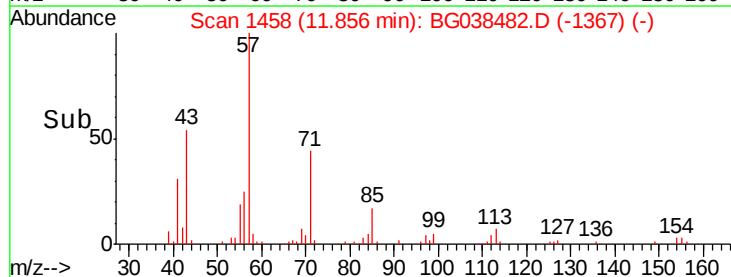
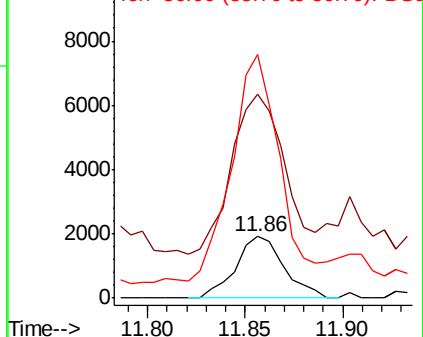
56 397.4 128.3 168.3#

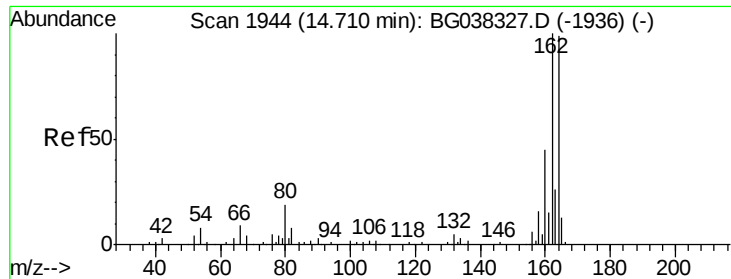


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

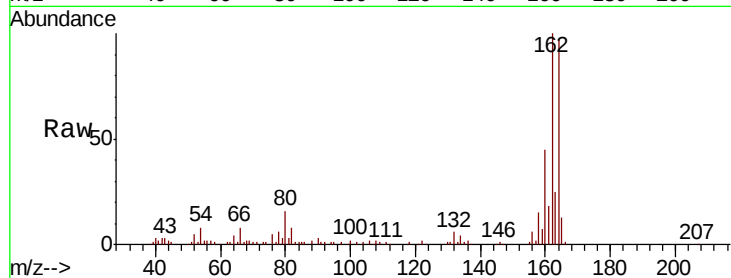




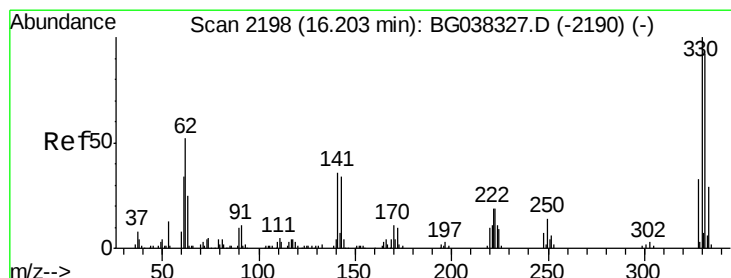
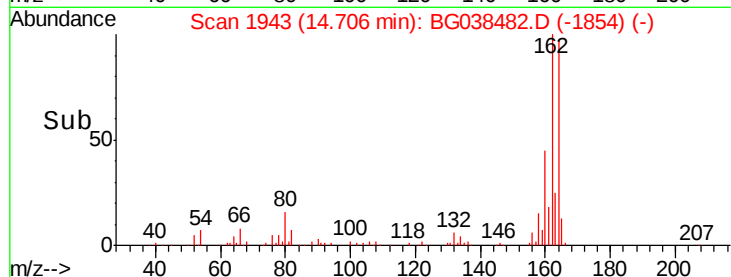
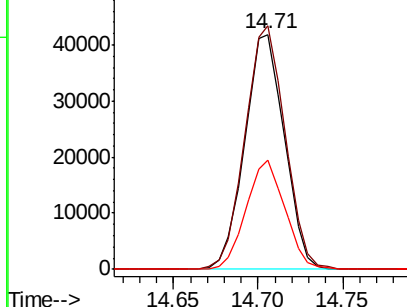
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

Instrument :
BNA_G
ClientSampleId :
OWS

Tgt Ion:164 Resp: 68378
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 46.3 36.3 54.5

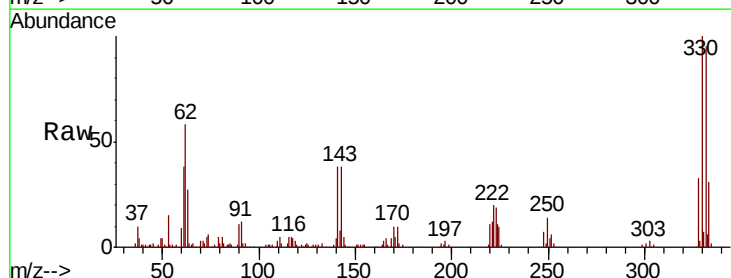


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

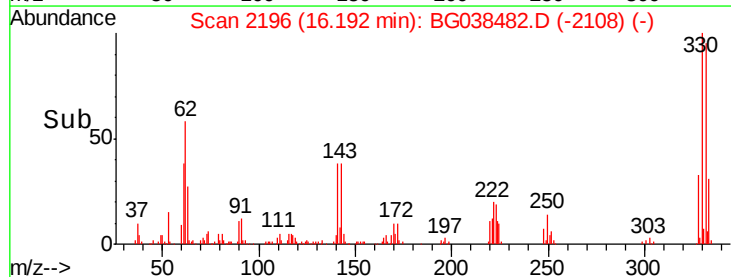
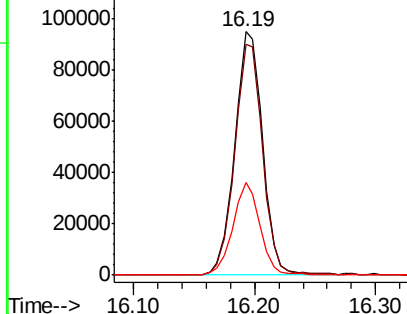


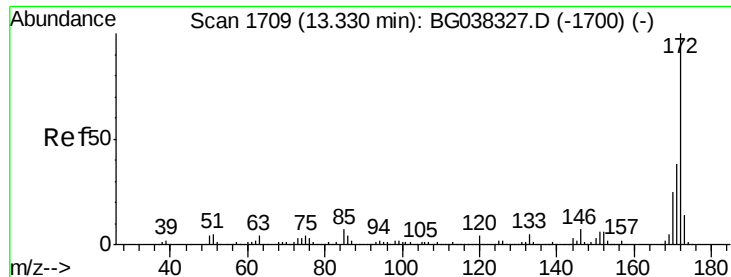
#42
2,4,6-Tribromophenol
Concen: 181.248 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

Tgt Ion:330 Resp: 152144
Ion Ratio Lower Upper
330 100
332 95.6 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

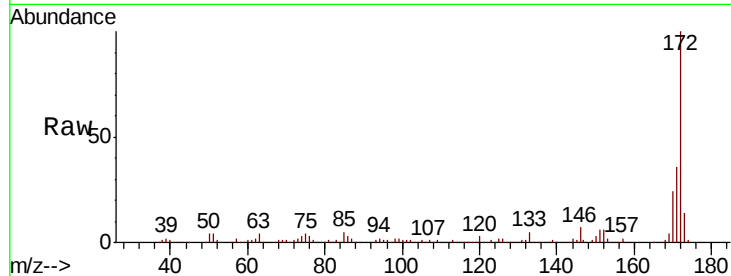




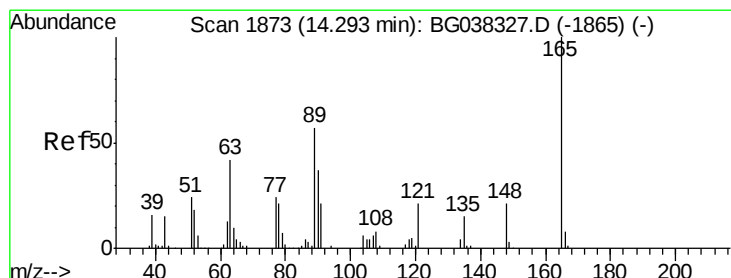
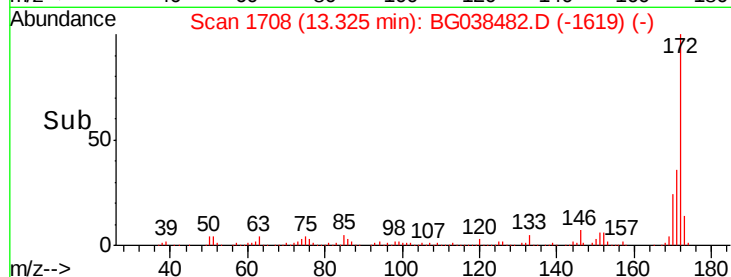
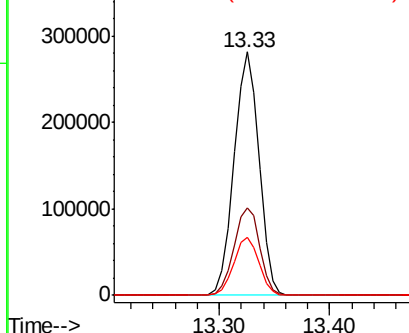
#45
 2-Fluorobiphenyl
 Concen: 93.369 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Instrument :
 BNA_G
 ClientSampleId :
 OWS

Tgt Ion:172 Resp: 448052
 Ion Ratio Lower Upper
 172 100
 171 36.1 31.0 46.4
 170 23.7 20.2 30.2

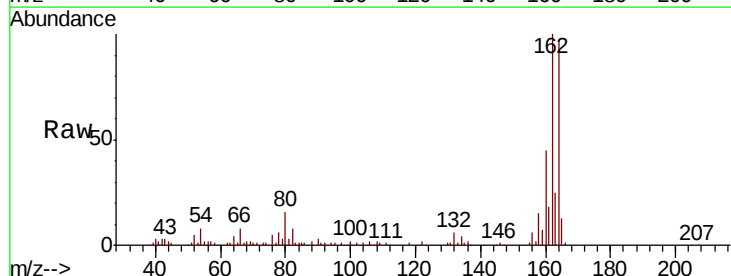


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

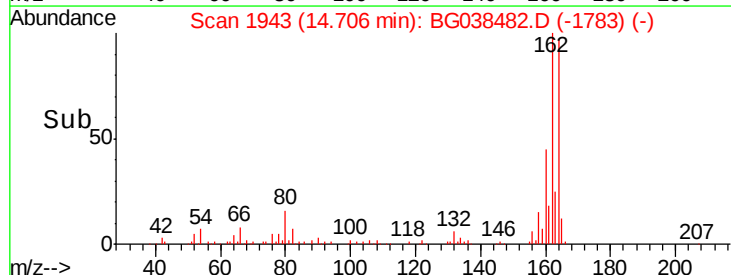
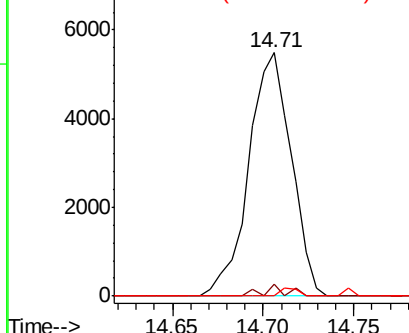


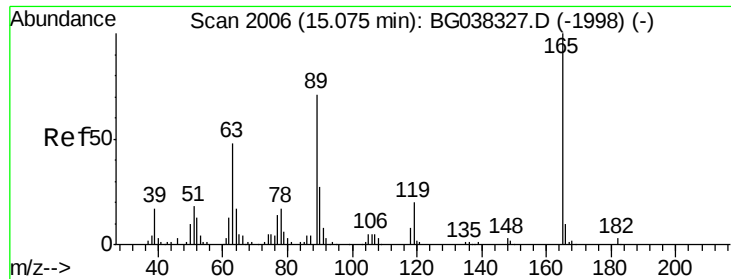
#51
 2,6-Dinitrotoluene
 Concen: 7.120 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Tgt Ion:165 Resp: 8920
 Ion Ratio Lower Upper
 165 100
 63 4.7 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): BG
 Ion 89.00 (88.70 to 89.70): BG

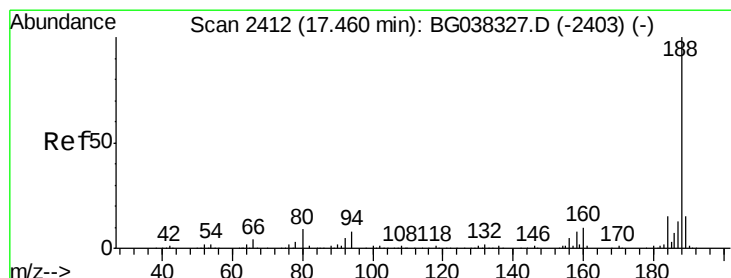
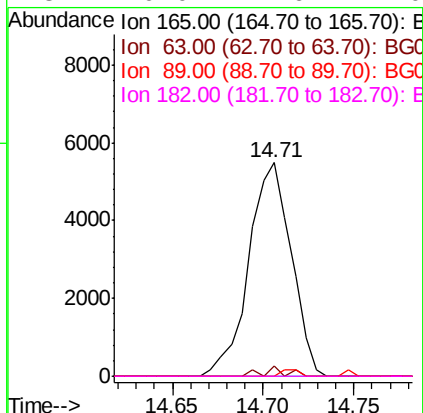
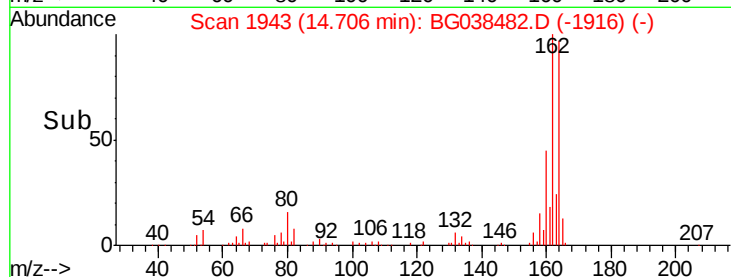
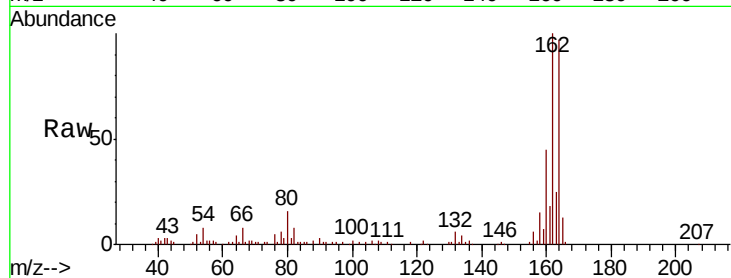




#57
 2,4-Dinitrotoluene
 Concen: 5.162 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

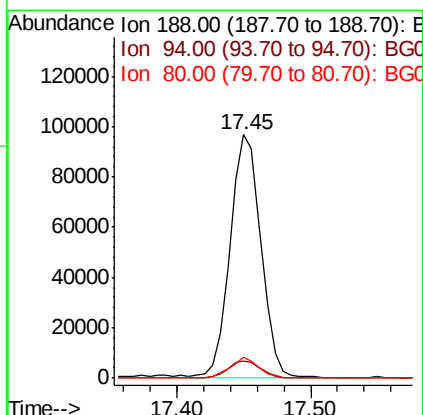
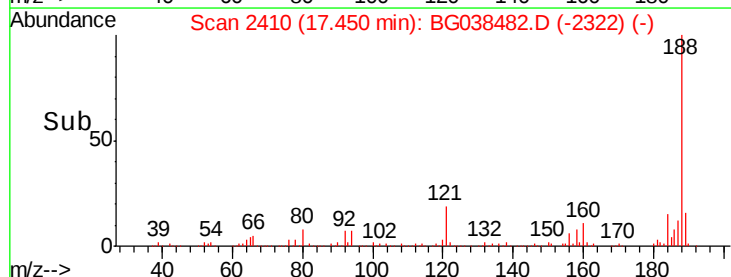
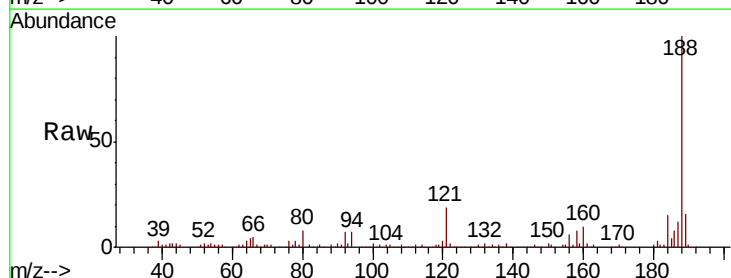
Instrument :
 BNA_G
 ClientSampleId :
 OWS

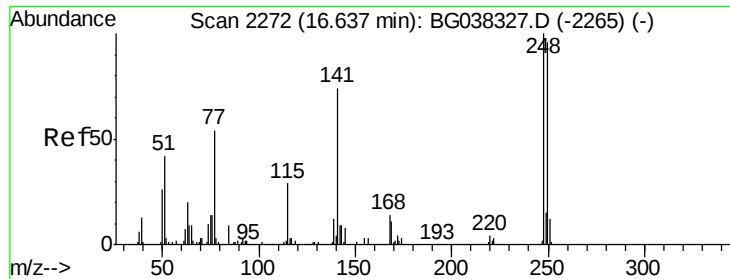
Tgt Ion:	165	Resp:	8920
Ion	Ratio	Lower	Upper
165	100		
63	4.7	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Tgt Ion:	188	Resp:	154645
Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.2	10.8#
80	8.4	7.7	11.5

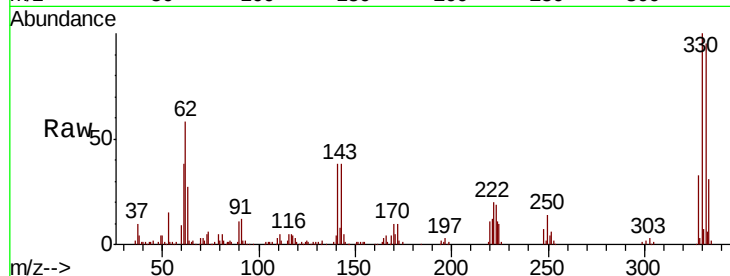




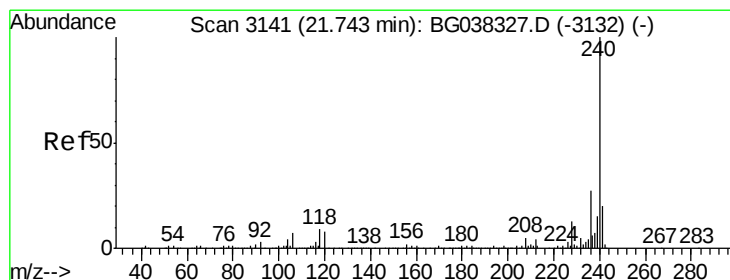
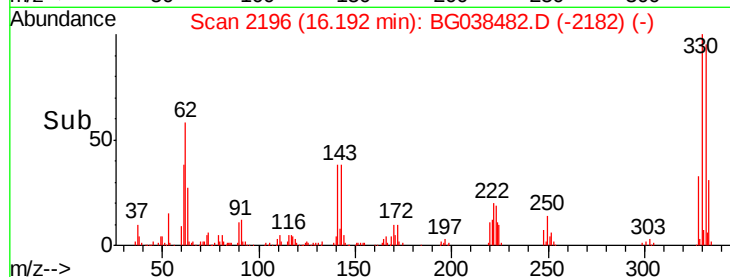
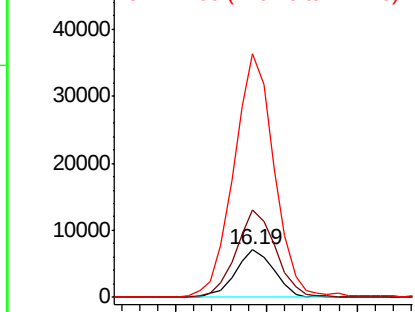
#67
4-Bromophenyl-phenylether
Concen: 6.283 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.44 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

Instrument :
BNA_G
ClientSampleId :
OWS

Tgt Ion:248 Resp: 10492
Ion Ratio Lower Upper
248 100
250 146.6 77.0 115.6#
141 408.0 55.5 83.3#

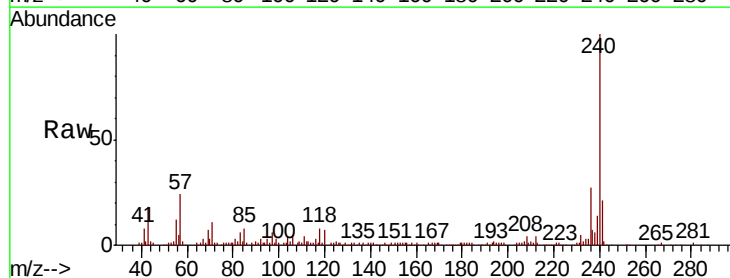


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

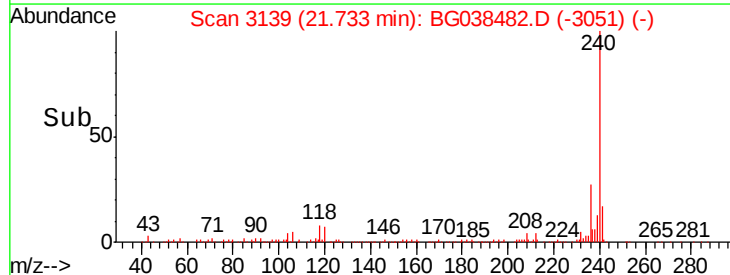
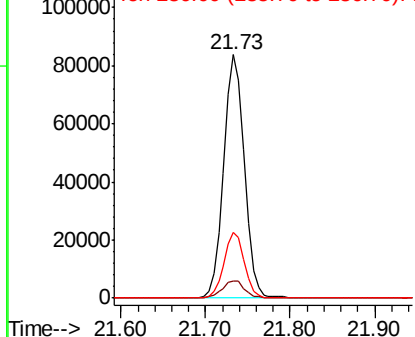


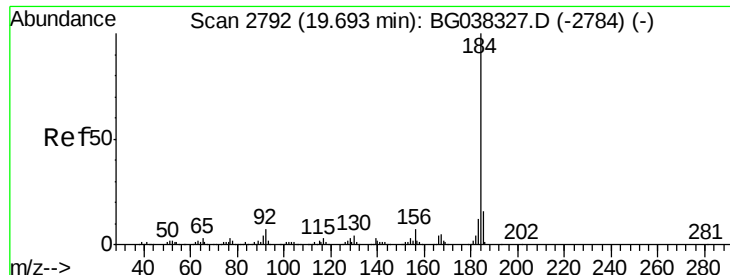
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

Tgt Ion:240 Resp: 141466
Ion Ratio Lower Upper
240 100
120 7.1 8.1 12.1#
236 27.2 21.4 32.0



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

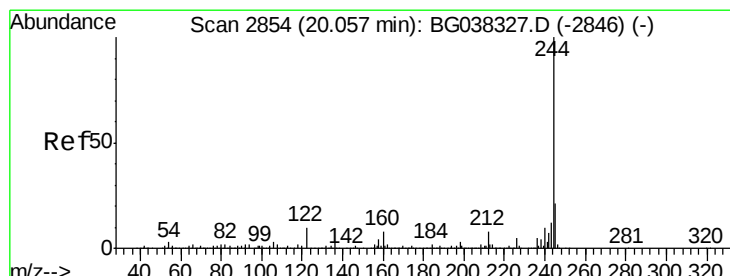
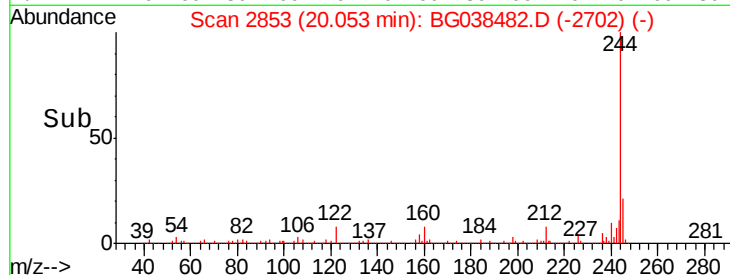
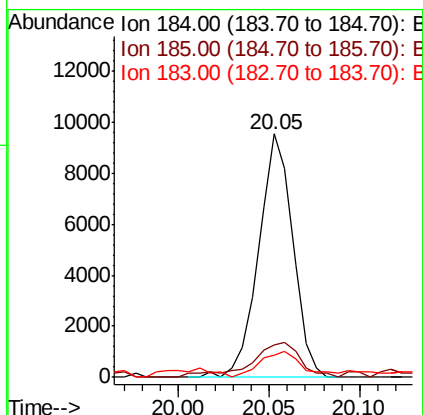
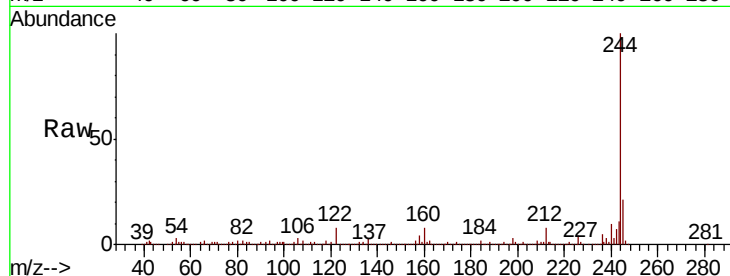




#77
Benzidine
Concen: 2.616 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

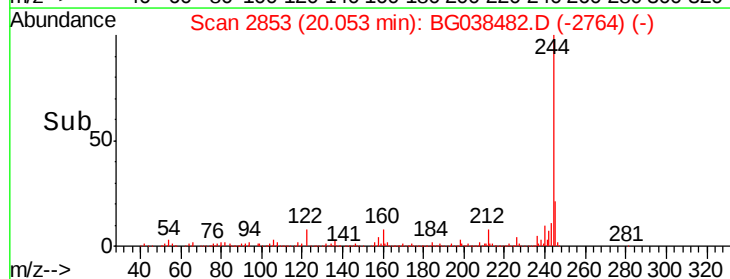
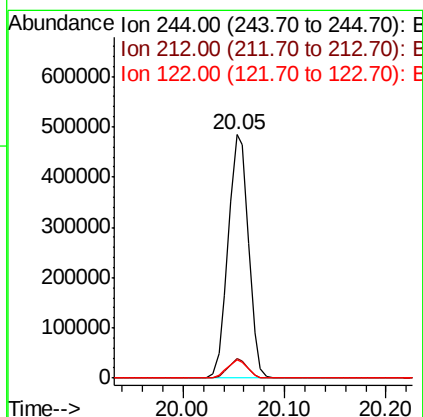
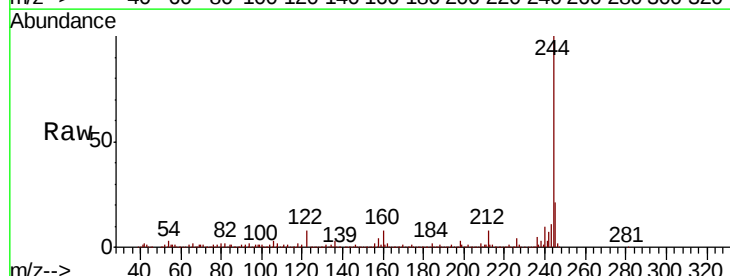
Instrument :
BNA_G
ClientSampleId :
OWS

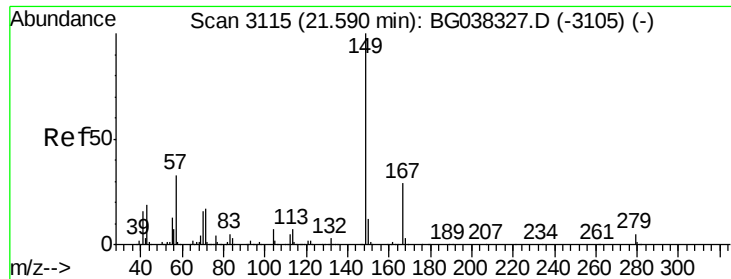
Tgt Ion:184 Resp: 12487
Ion Ratio Lower Upper
184 100
185 13.6 12.6 18.8
183 8.9 10.2 15.2#



#79
Terphenyl-d14
Concen: 102.022 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038482.D
Acq: 11 Dec 2018 23:15

Tgt Ion:244 Resp: 673711
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 7.6 9.0 13.4#

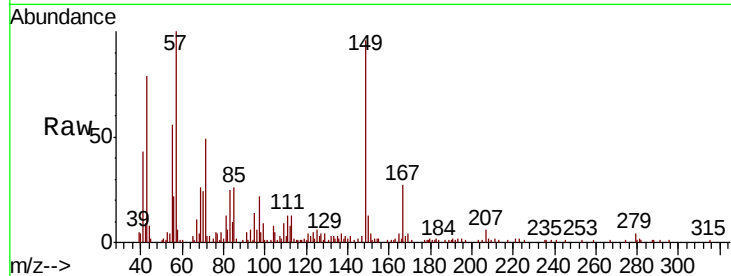




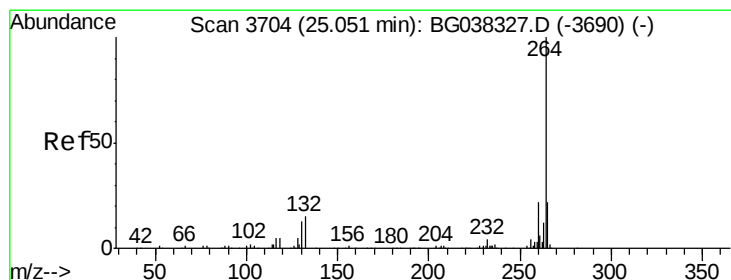
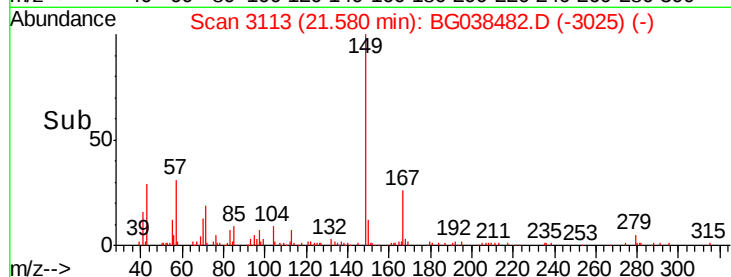
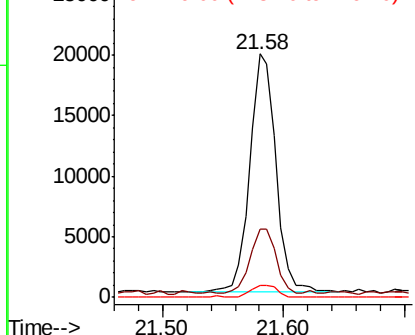
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.273 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Instrument :
 BNA_G
 ClientSampled :
 OWS

Tgt Ion:	149	Resp:	29752
Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	4.7	3.6	5.4

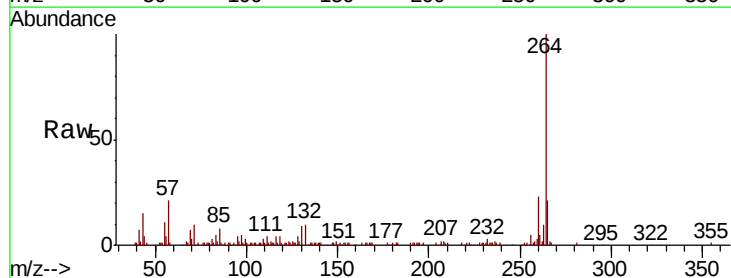


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038482.D
 Acq: 11 Dec 2018 23:15

Tgt Ion:	264	Resp:	150107
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.2	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

