

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038479.D
 Acq On : 11 Dec 2018 21:17
 Operator : JU/SJ
 Sample : J6298-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

Quant Time: Dec 12 03:18:01 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	22035	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	91120	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	63668	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	156987	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	153603	20.00	ng	-0.01
87) Perylene-d12	25.04	264	157278	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	268304	215.48	ng	0.00
7) Phenol-d6	7.22	99	226164	125.67	ng	0.00
23) Nitrobenzene-d5	9.25	82	175480	95.61	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	133078	170.26	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	419021	93.78	ng	0.00
79) Terphenyl-d14	20.05	244	568465	79.28	ng	0.00

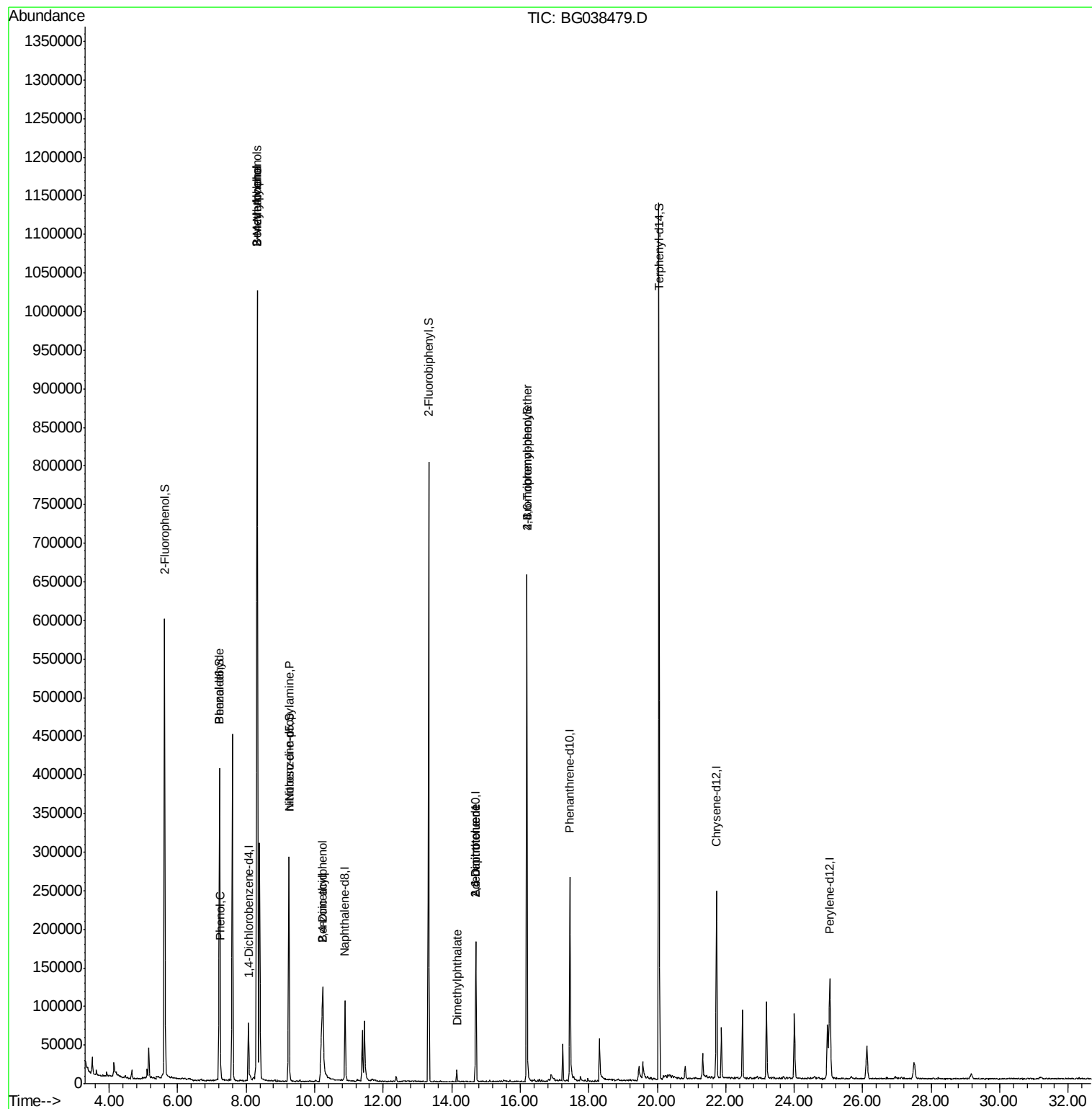
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.22	77	3008	2.639	ng	# 70
10) Phenol	7.24	94	9096	4.784	ng	# 68
15) Benzyl Alcohol	8.32	79	387284	261.751	ng	94
17) 2-Methylphenol	8.33	107	204267	172.947	ng	# 6
19) n-Nitroso-di-n-propylamine	9.25	70	23051	16.276	ng	# 79
20) 3+4-Methylphenols	8.33	107	121823	63.594	ng	# 1
22) Acetophenone	8.91	105	454	Below Cal		# 40
27) 2,4-Dimethylphenol	10.23	122	96228	77.543	ng	# 3
32) Benzoic acid	10.23	122	96228	103.160	ng	95
50) Dimethylphthalate	14.15	163	10955	2.145	ng	96
51) 2,6-Dinitrotoluene	14.70	165	7989	6.849	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	7989	4.965	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	8734	5.152	ng	# 1

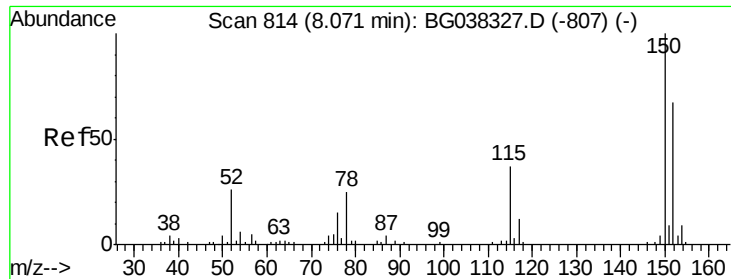
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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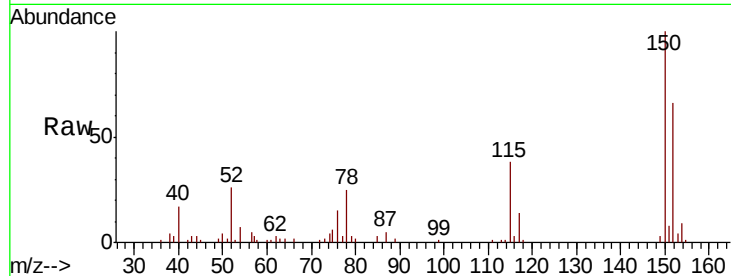


#1

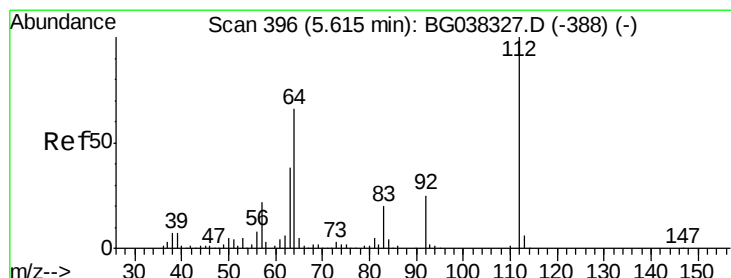
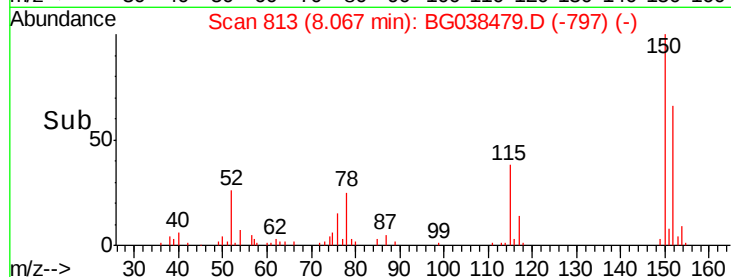
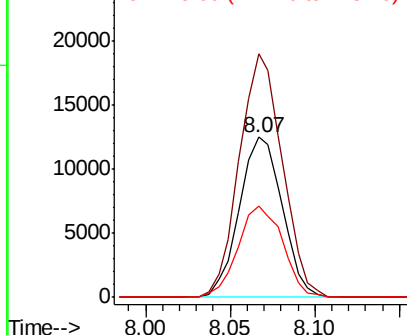
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-2ND-FLOOR

Tgt Ion:152 Resp: 22035
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 57.1 45.5 68.3



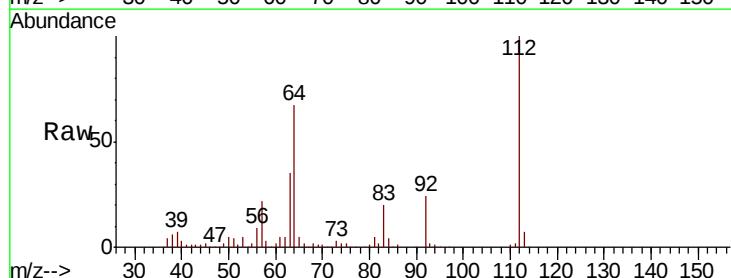
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



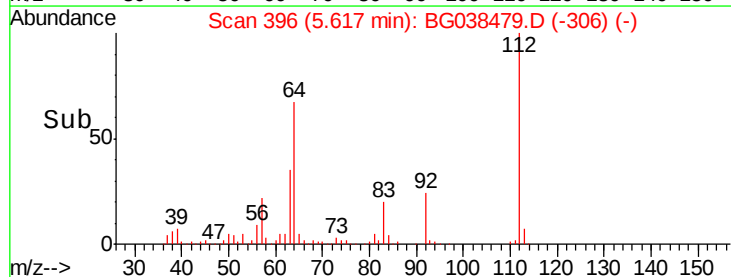
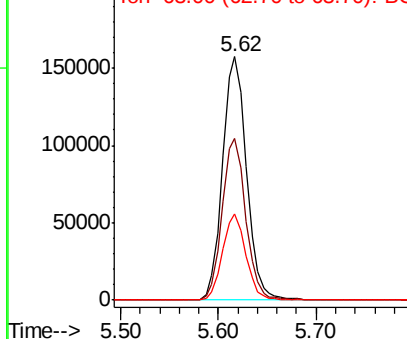
#5

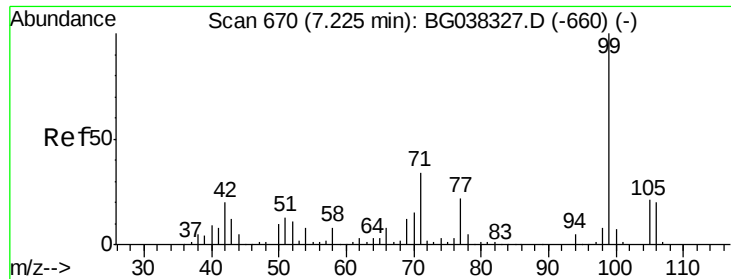
2-Fluorophenol
Concen: 215.476 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Tgt Ion:112 Resp: 268304
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 35.2 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: 125.669 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038479.D

Acq: 11 Dec 2018 21:17

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-2ND-FLOOR

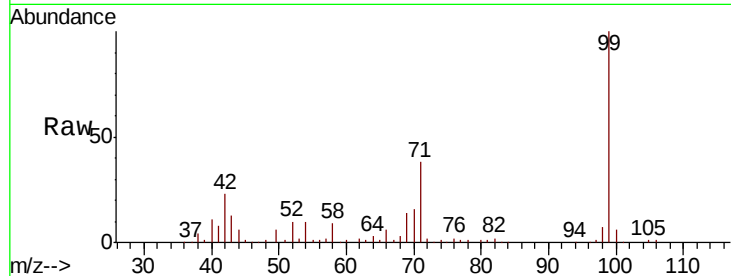
Tgt Ion: 99 Resp: 226164

Ion Ratio Lower Upper

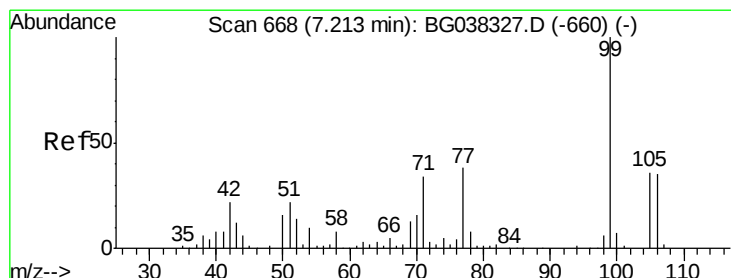
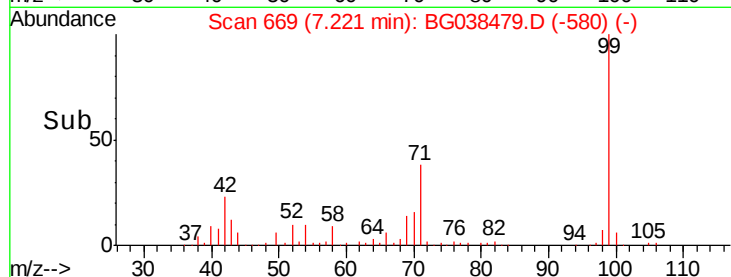
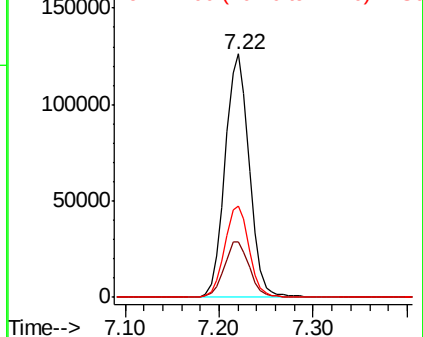
99 100

42 22.8 15.0 22.4#

71 37.7 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



#9

Benzaldehyde

Concen: 2.639 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG038479.D

Acq: 11 Dec 2018 21:17

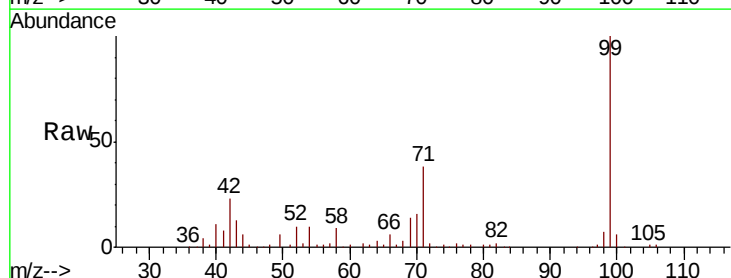
Tgt Ion: 77 Resp: 3008

Ion Ratio Lower Upper

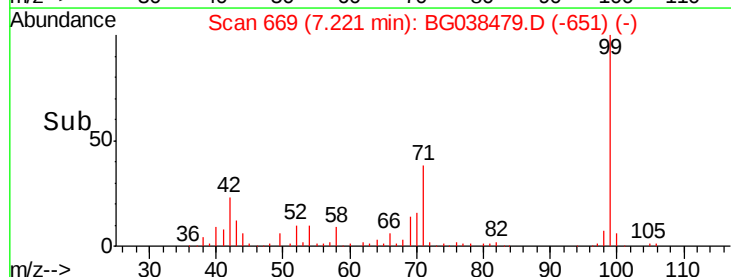
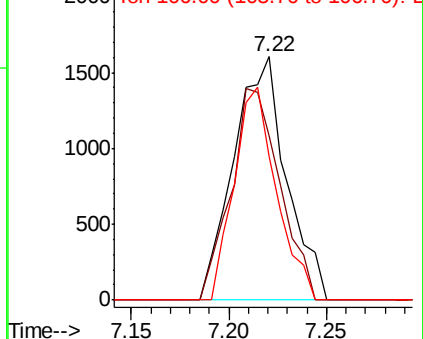
77 100

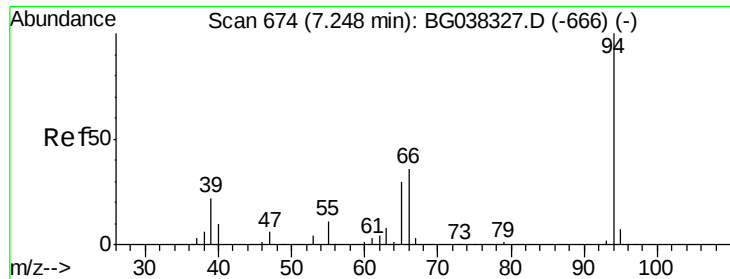
105 67.3 72.6 112.6#

106 59.0 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 4.784 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038479.D

Acq: 11 Dec 2018 21:17

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-2ND-FLOOR

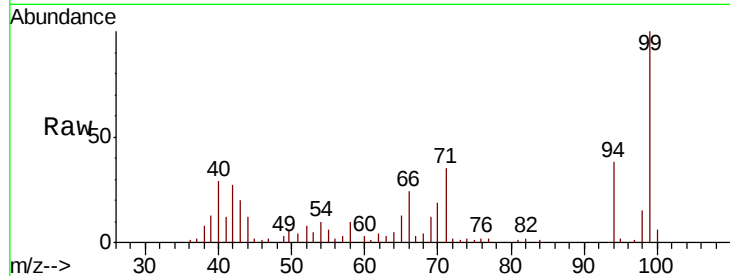
Tgt Ion: 94 Resp: 9096

Ion Ratio Lower Upper

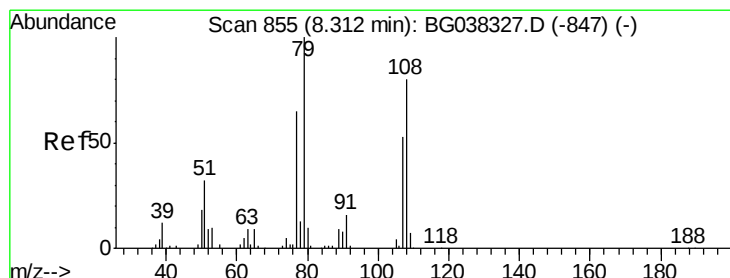
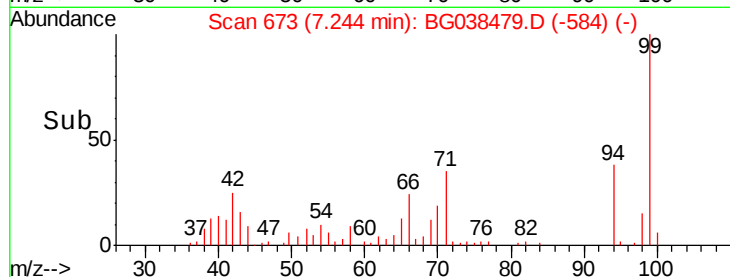
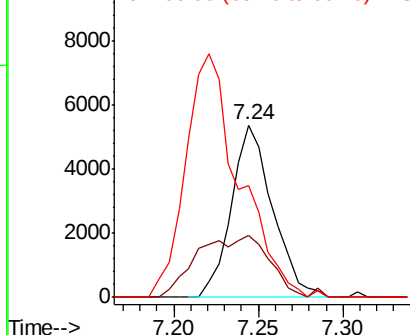
94 100

65 35.6 9.7 49.7

66 64.6 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: 261.751 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.01 min

Lab File: BG038479.D

Acq: 11 Dec 2018 21:17

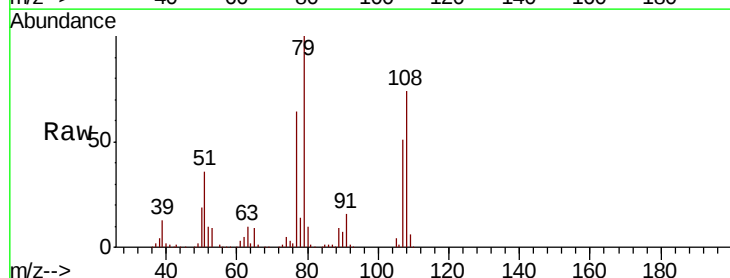
Tgt Ion: 79 Resp: 387284

Ion Ratio Lower Upper

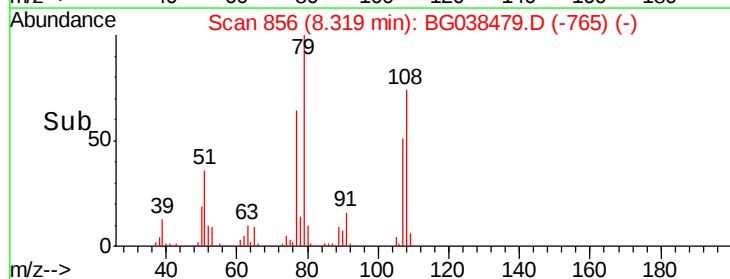
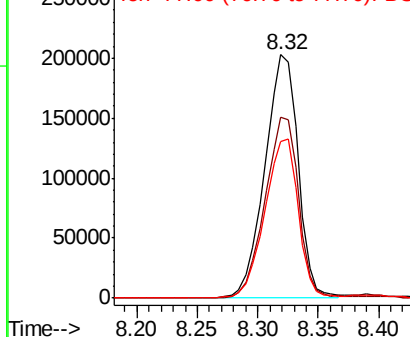
79 100

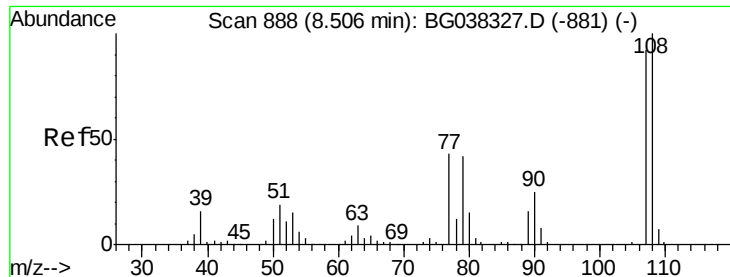
108 74.1 65.8 98.8

77 64.3 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

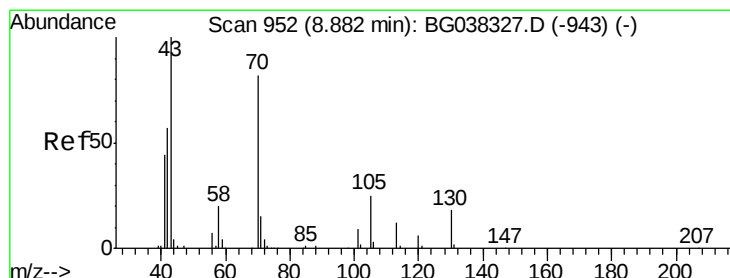
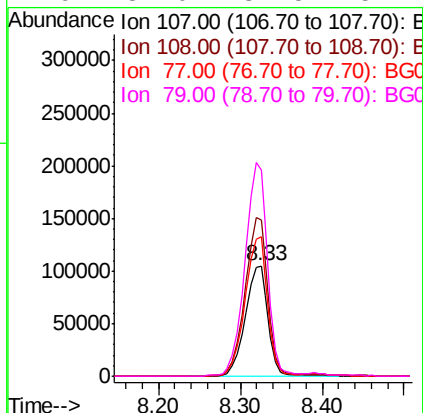
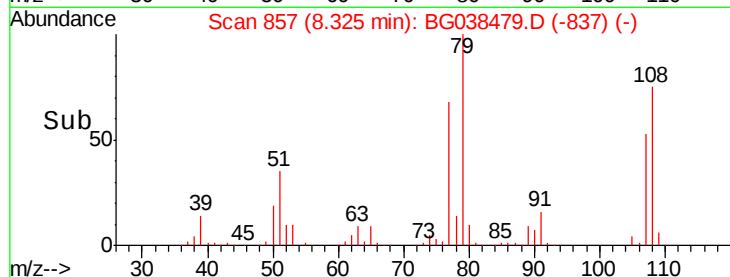
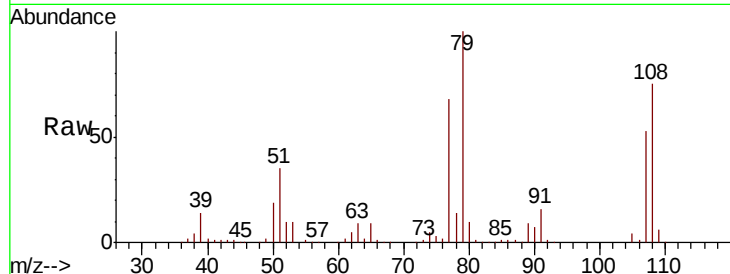




#17
2-Methylphenol
Concen: 172.947 ng
RT: 8.33 min Scan# 857
Delta R.T. -0.18 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

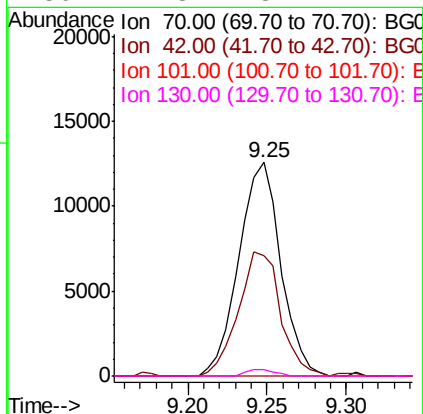
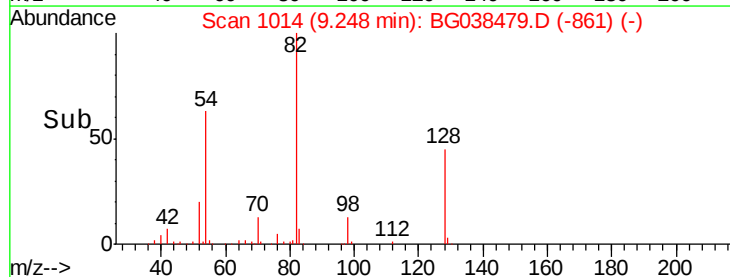
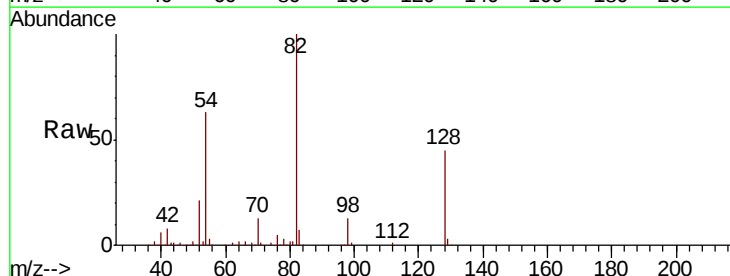
Instrument :
BNA_G
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BUS-WASH-2ND-FLOOR

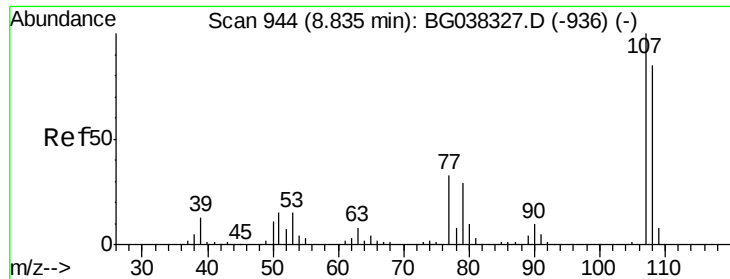
Tgt Ion	Ratio	Lower	Upper
107	100		
108	141.1	87.9	131.9#
77	126.7	35.1	52.7#
79	187.0	34.5	51.7#



#19
n-Nitroso-di-n-propylamine
Concen: 16.276 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.4	53.9	80.9
101	0.0	8.2	12.2#
130	2.8	18.2	27.4#

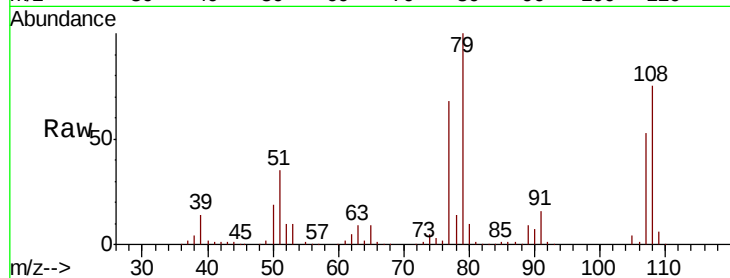




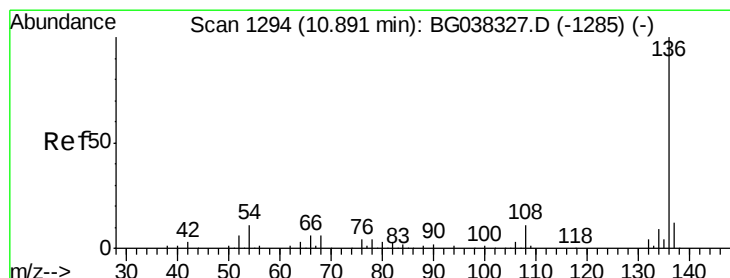
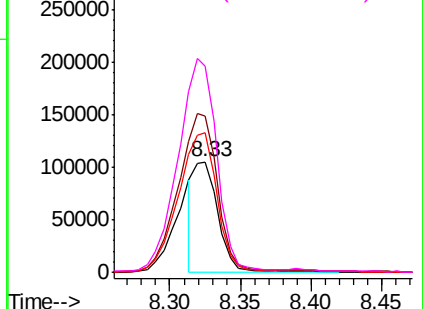
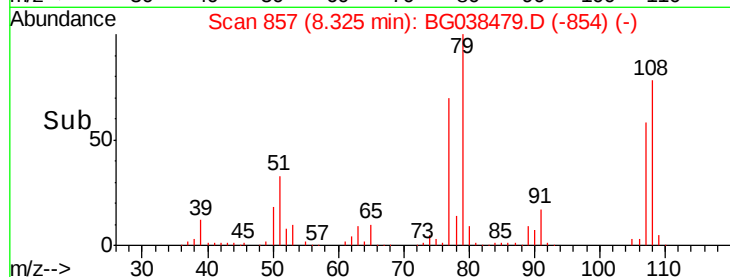
#20
 3+4-Methylphenols
 Concen: 63.594 ng
 RT: 8.33 min Scan# 857
 Delta R.T. -0.51 min
 Lab File: BG038479.D
 Acq: 11 Dec 2018 21:17

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

Tgt Ion:107 Resp: 121823
 Ion Ratio Lower Upper
 107 100
 108 141.1 69.9 109.9#
 77 126.7 11.2 51.2#
 79 187.0 6.6 46.6#

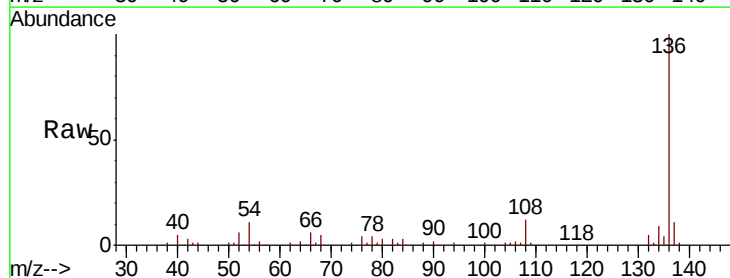


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

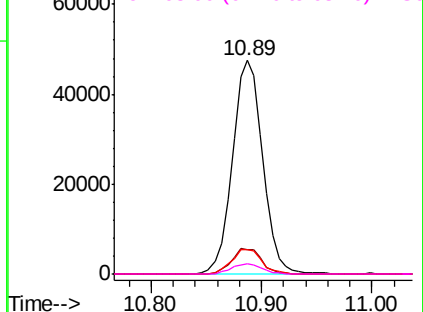
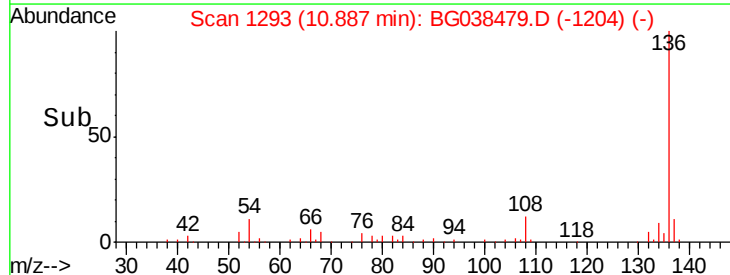


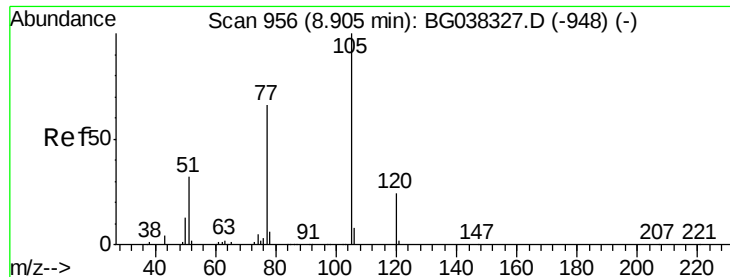
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG038479.D
 Acq: 11 Dec 2018 21:17

Tgt Ion:136 Resp: 91120
 Ion Ratio Lower Upper
 136 100
 137 11.4 9.6 14.4
 54 11.5 7.9 11.9
 68 5.0 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

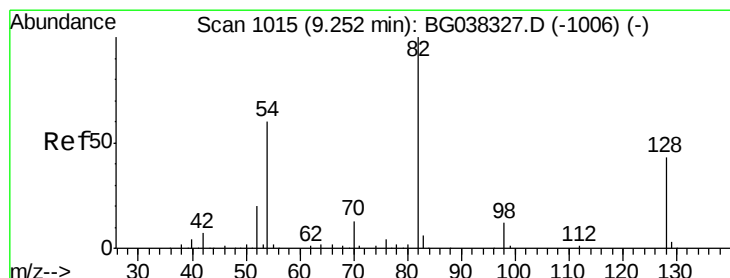
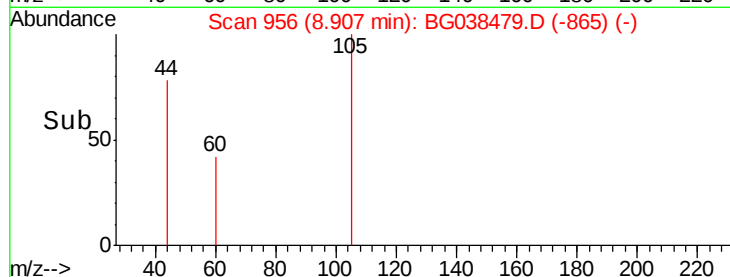
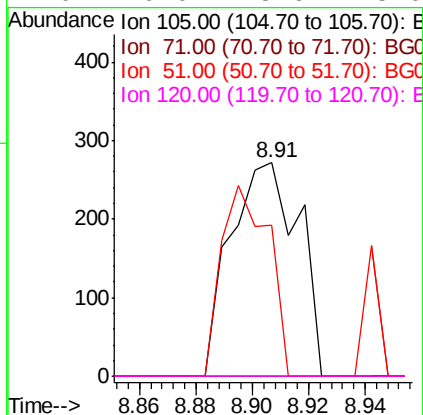
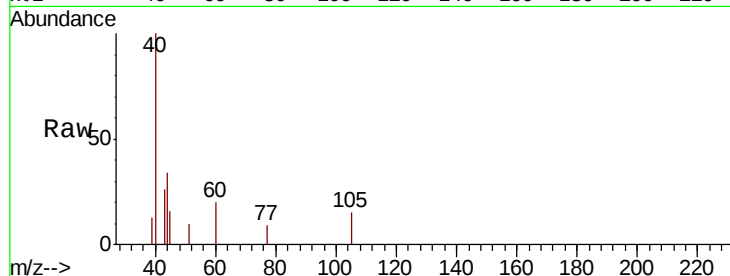




#22
Acetophenone
Concen: Below Cal
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

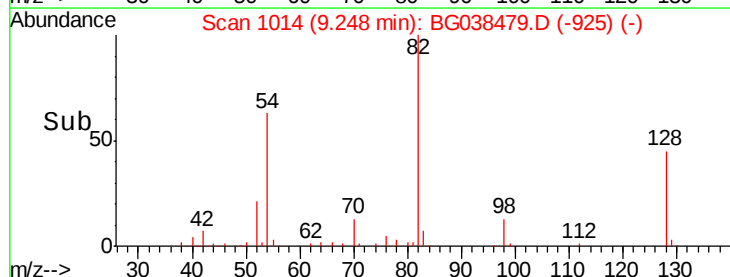
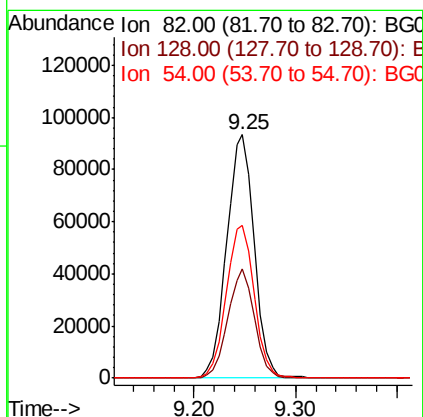
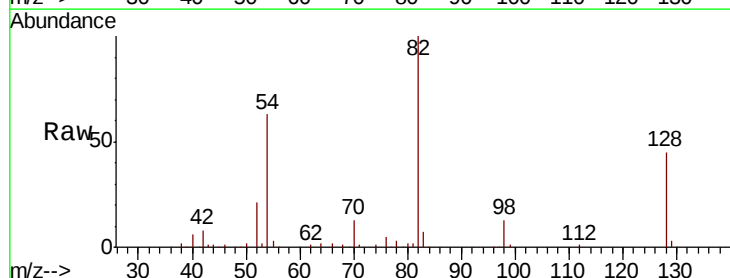
Instrument :
BNA_G
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BUS-WASH-2ND-FLOOR

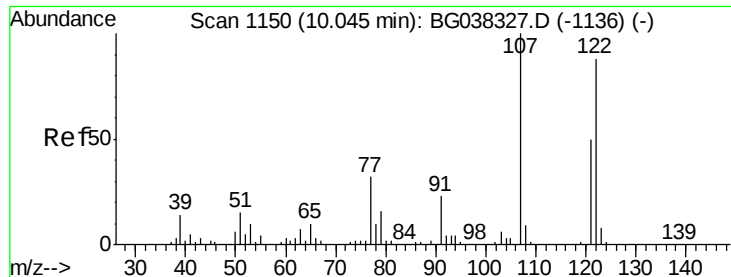
Tgt Ion: 105 Resp: 454
Ion Ratio Lower Upper
105 100
71 0.0 1.2 1.8#
51 70.6 25.0 37.6#
120 0.0 18.6 28.0#



#23
Nitrobenzene-d5
Concen: 95.612 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Tgt Ion: 82 Resp: 175480
Ion Ratio Lower Upper
82 100
128 44.7 34.6 51.8
54 62.7 45.3 67.9

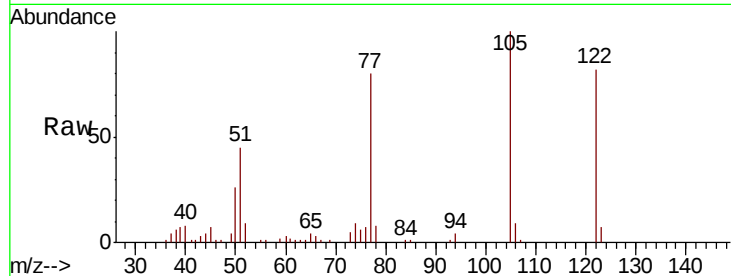




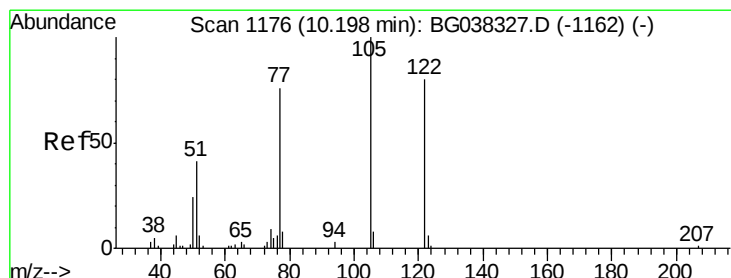
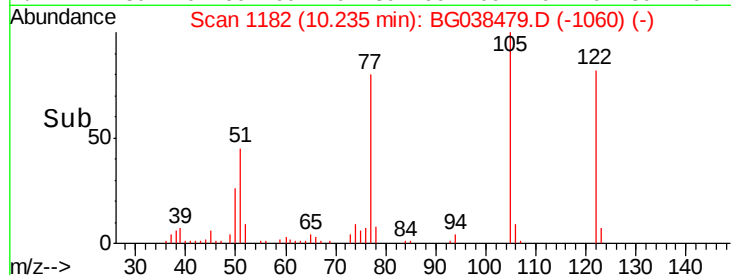
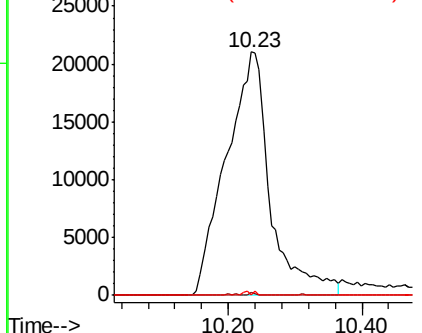
#27
2,4-Dimethylphenol
Concen: 77.543 ng
RT: 10.23 min Scan# 1182
Delta R.T. 0.19 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-2ND-FLOOR

Tgt Ion:122 Resp: 96228
Ion Ratio Lower Upper
122 100
107 1.1 94.2 141.2#
121 0.0 47.3 70.9#

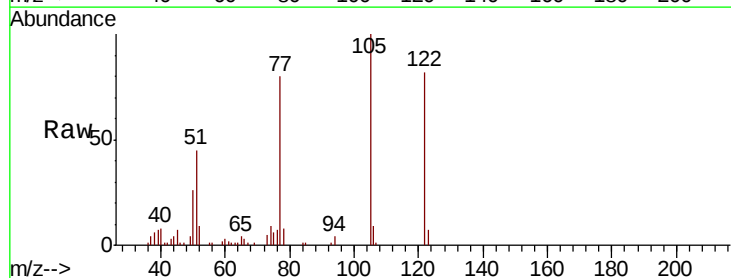


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

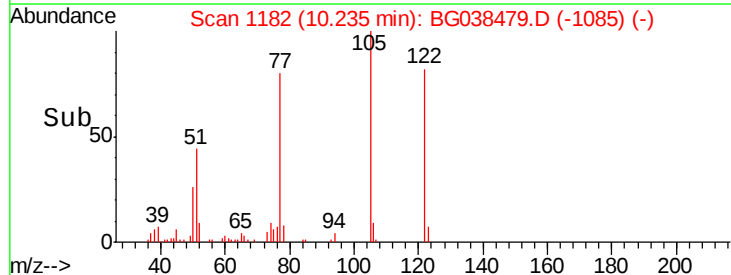
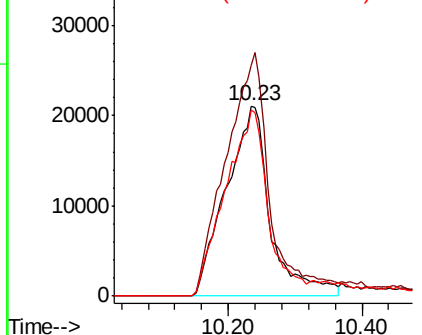


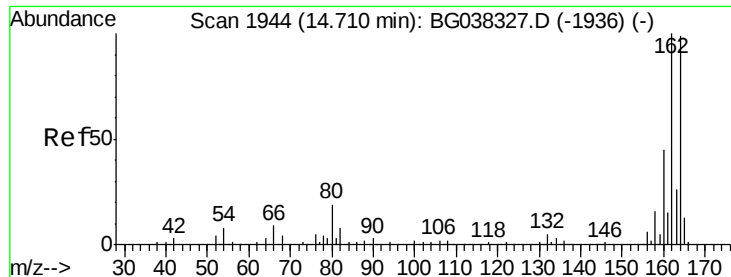
#32
Benzoic acid
Concen: 103.160 ng
RT: 10.23 min Scan# 1182
Delta R.T. 0.04 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Tgt Ion:122 Resp: 96228
Ion Ratio Lower Upper
122 100
105 121.7 106.7 146.7
77 97.9 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): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038479.D

Acq: 11 Dec 2018 21:17

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-2ND-FLOOR

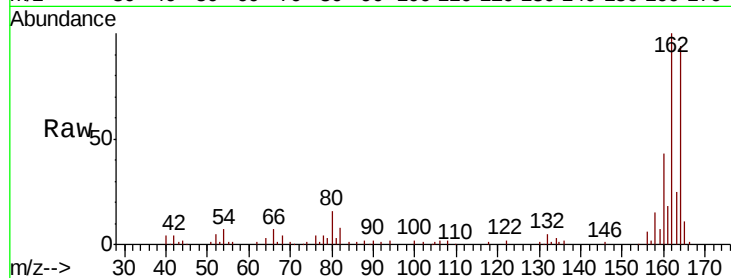
Tgt Ion:164 Resp: 63668

Ion Ratio Lower Upper

164 100

162 105.9 81.3 121.9

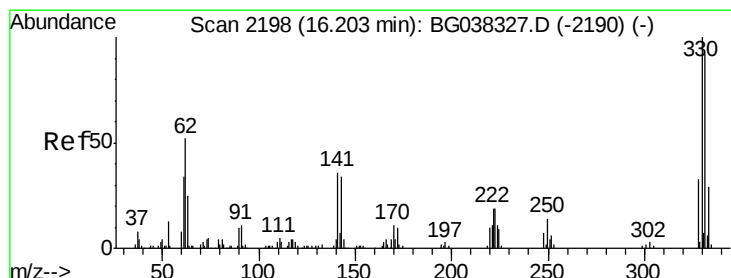
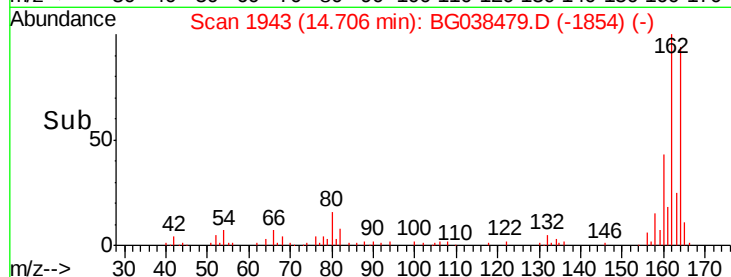
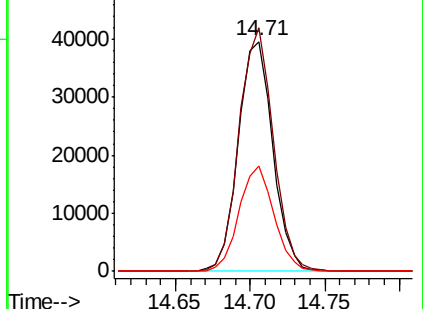
160 45.9 36.3 54.5



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: 170.263 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038479.D

Acq: 11 Dec 2018 21:17

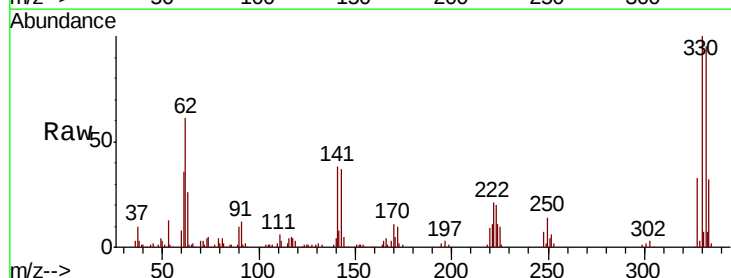
Tgt Ion:330 Resp: 133078

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

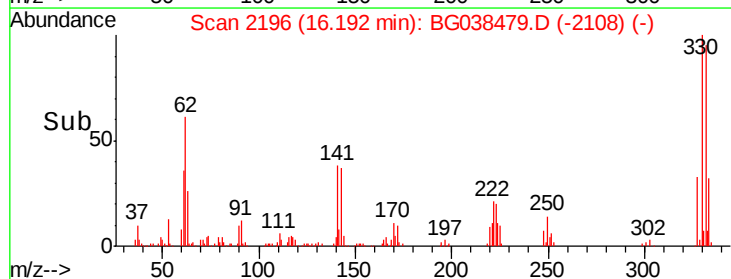
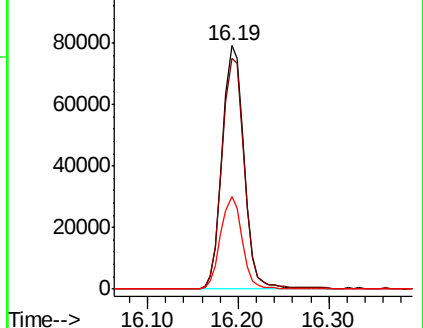
141 37.4 32.2 48.2

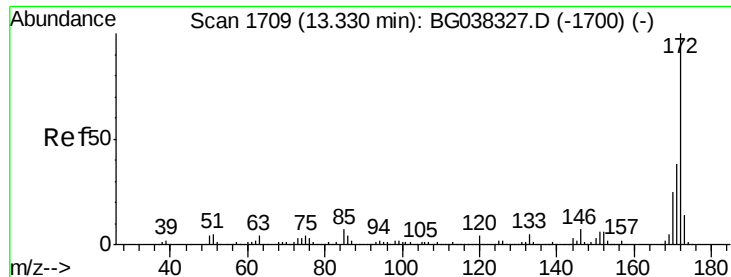


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

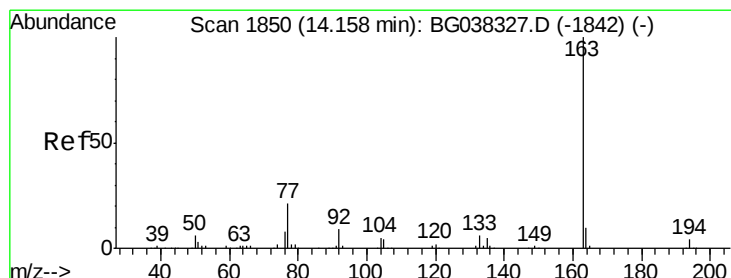
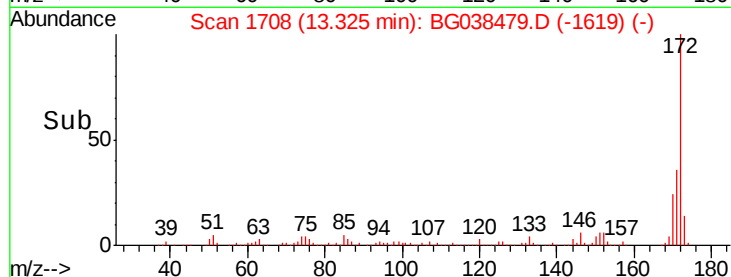
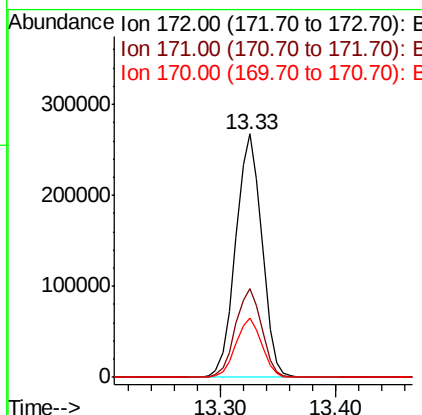
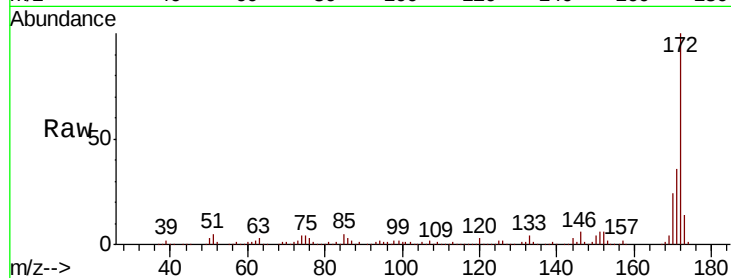




#45
 2-Fluorobiphenyl
 Concen: 93.778 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038479.D
 Acq: 11 Dec 2018 21:17

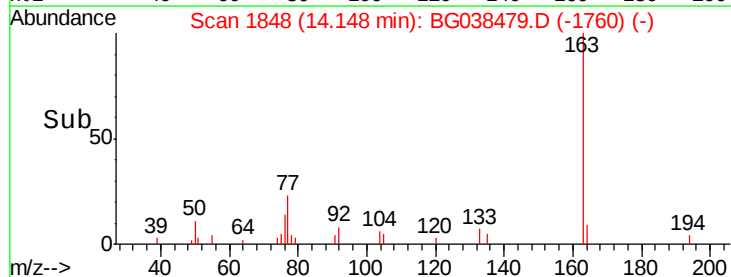
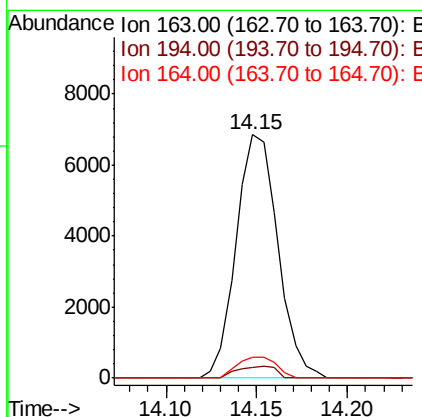
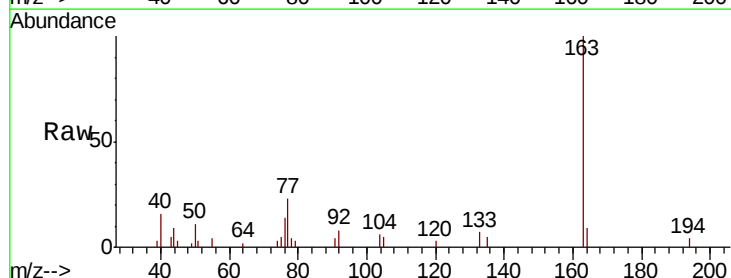
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

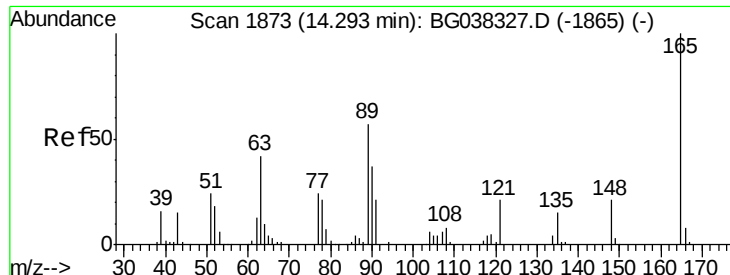
Tgt Ion:172 Resp: 419021
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.0 46.4
 170 24.2 20.2 30.2



#50
 Dimethylphthalate
 Concen: 2.145 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BG038479.D
 Acq: 11 Dec 2018 21:17

Tgt Ion:163 Resp: 10955
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.5 5.3
 164 8.6 8.5 12.7

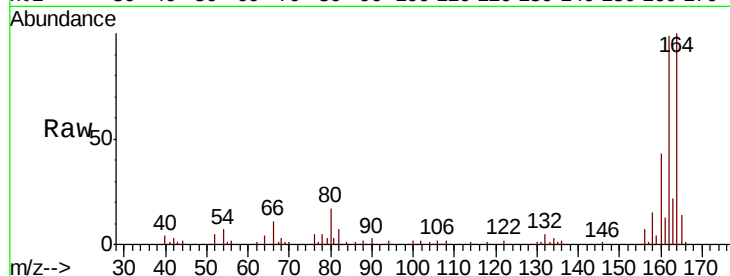




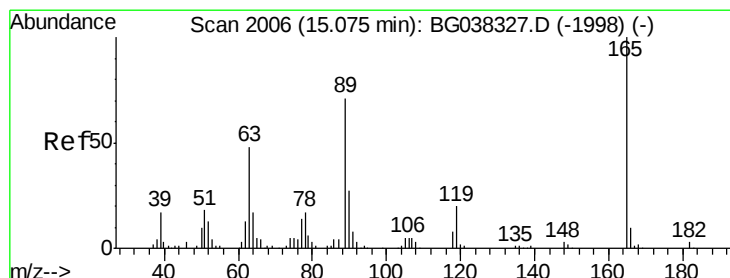
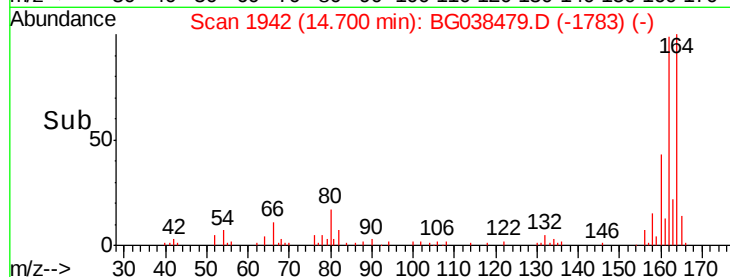
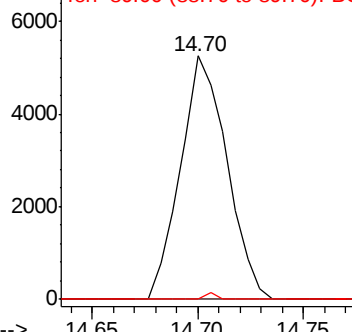
#51
 2,6-Dinitrotoluene
 Concen: 6.849 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.41 min
 Lab File: BG038479.D
 Acq: 11 Dec 2018 21:17

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-2ND-FLOOR

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

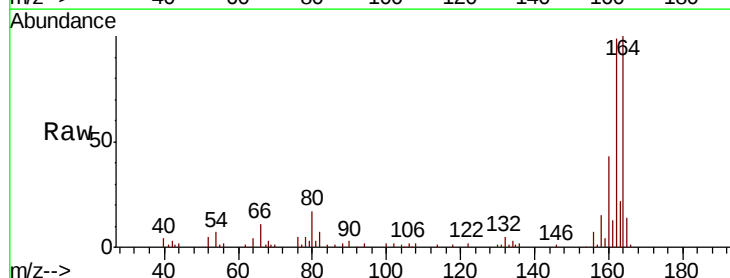


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

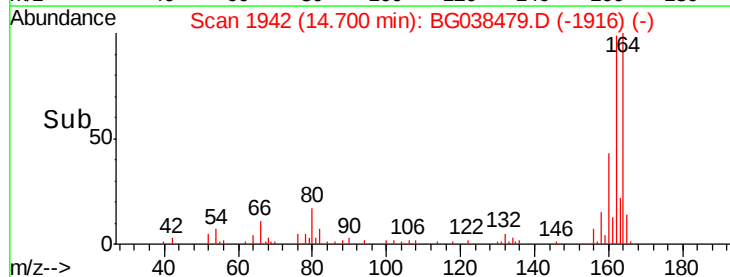
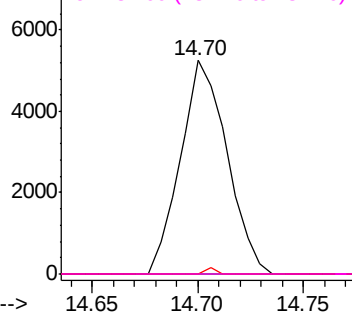


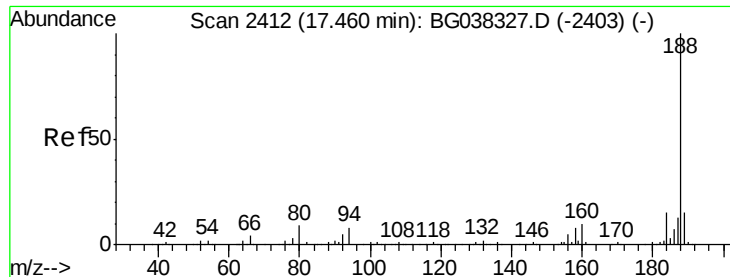
#57
 2,4-Dinitrotoluene
 Concen: 4.965 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG038479.D
 Acq: 11 Dec 2018 21:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: BG038479.D

Acq: 11 Dec 2018 21:17

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-2ND-FLOOR

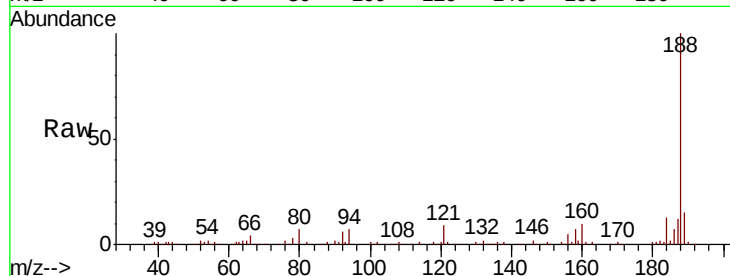
Tgt Ion:188 Resp: 156987

Ion Ratio Lower Upper

188 100

94 7.1 7.2 10.8#

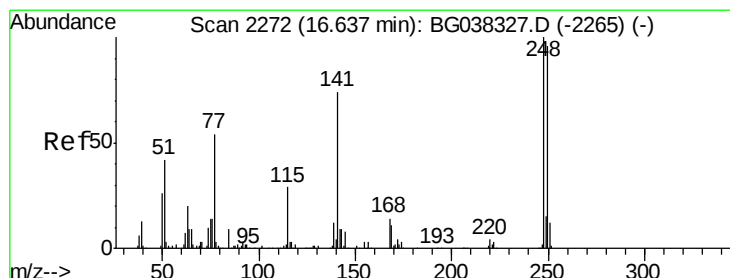
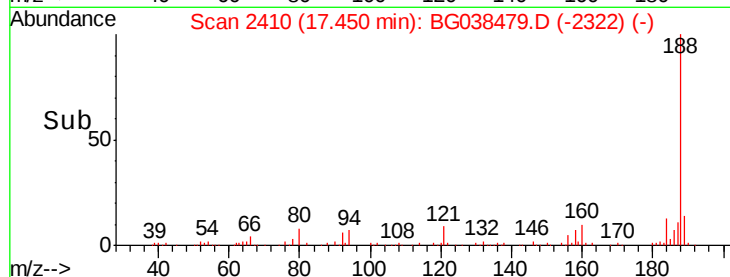
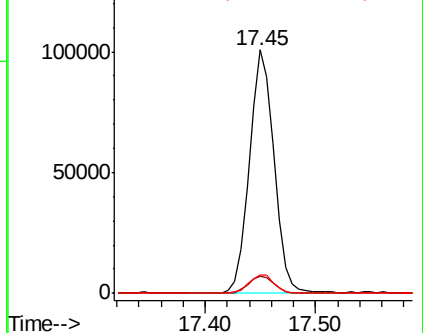
80 7.5 7.7 11.5#



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: 5.152 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.45 min

Lab File: BG038479.D

Acq: 11 Dec 2018 21:17

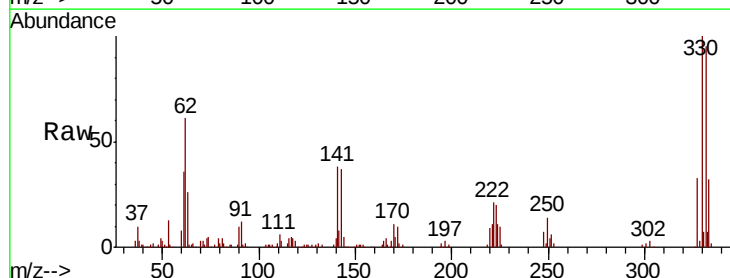
Tgt Ion:248 Resp: 8734

Ion Ratio Lower Upper

248 100

250 210.7 77.0 115.6#

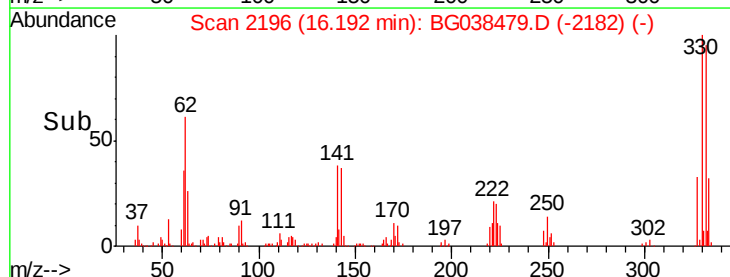
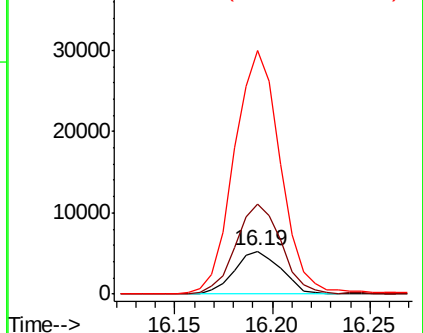
141 444.2 55.5 83.3#

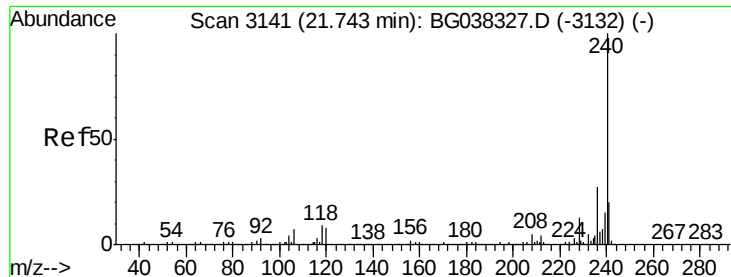


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

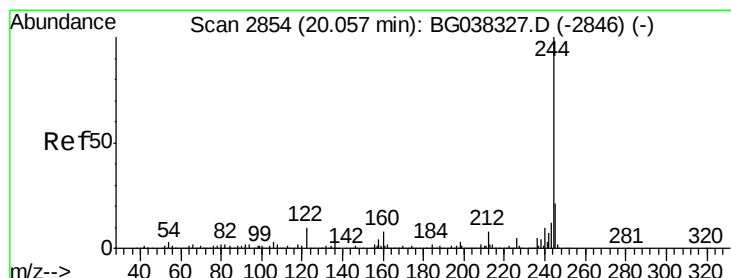
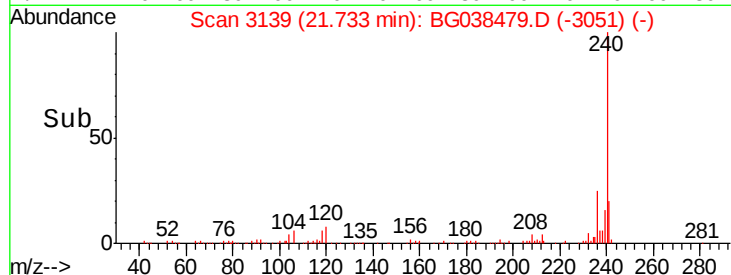
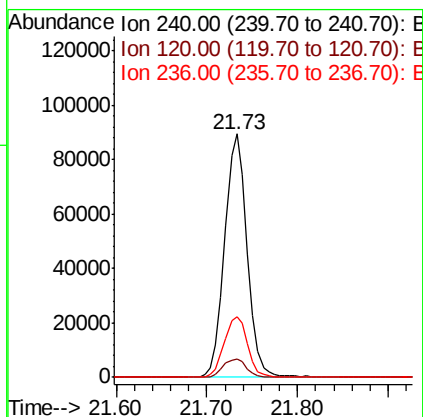
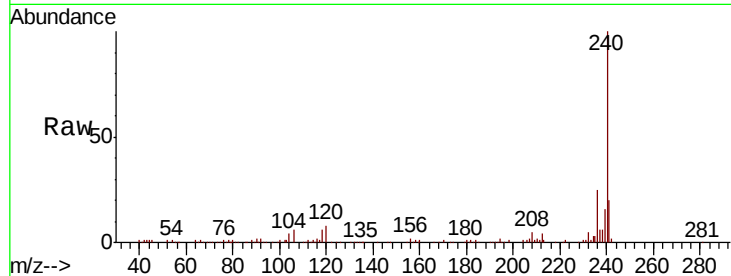




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

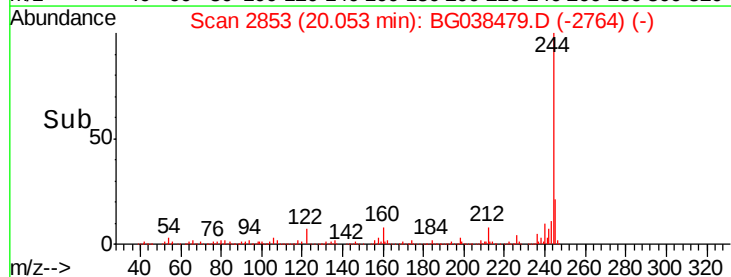
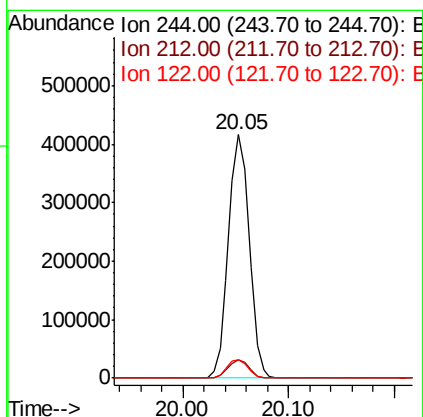
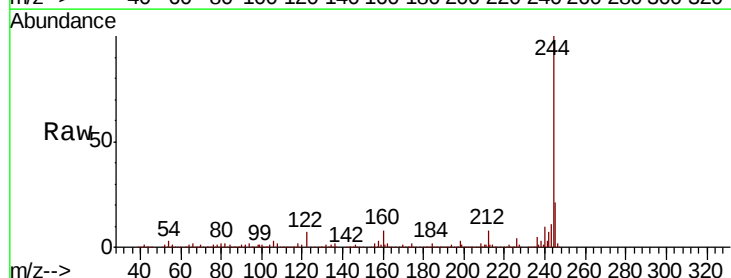
Instrument :
BNA_G
ClientSampleId :
BUS-WASH-2ND-FLOOR

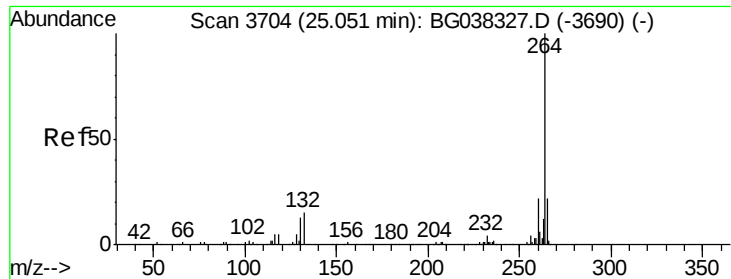
Tgt Ion:240 Resp: 153603
Ion Ratio Lower Upper
240 100
120 7.8 8.1 12.1#
236 25.0 21.4 32.0



#79
Terphenyl-d14
Concen: 79.282 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Tgt Ion:244 Resp: 568465
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 7.5 9.0 13.4#

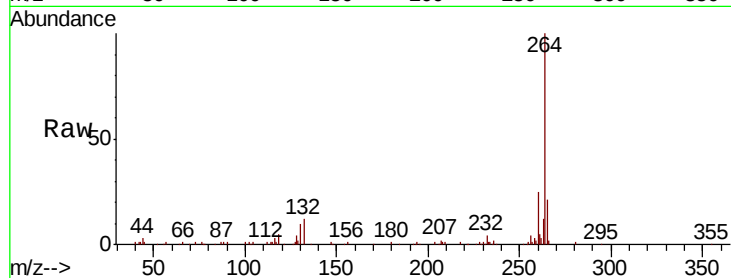




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038479.D
Acq: 11 Dec 2018 21:17

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-2ND-FLOOR

Tgt Ion: 264 Resp: 157278
Ion Ratio Lower Upper
264 100
260 25.0 18.2 27.4
265 21.3 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

