Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
Data File : BG038480.D
Acq On : 11 Dec 2018 21:56
Operator : JU/SJ
Sample : J6298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BUS-WASH-1ST-FLOOR

Quant Time: Dec 12 03:18:12 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	8.06	152	24103	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98597	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66569	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	167377	20.00	ng	0.00
76) Chrysene-d12	21.73	240	165121	20.00	ng	-0.01
87) Perylene-d12	25.04	264	169177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	185710	136.35	ng	0.00
7) Phenol-d6	7.22	99	241335	122.59	ng	0.00
23) Nitrobenzene-d5	9.25	82	198021	99.71	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	122728	150.18	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	467701	100.11	ng	0.00
79) Terphenyl-d14	20.06	244	846627	109.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	2251	3.606	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	5459	6.673	ng	# 1
10) Phenol	7.25	94	17736	8.527	ng	86
17) 2-Methylphenol	8.36	107	53	Below Cal		# 7
19) n-Nitroso-di-n-propylamine	9.25	70	27032	17.609	ng	# 75
20) 3+4-Methylphenols	8.83	107	28037	13.380	ng	92
22) Acetophenone	8.90	105	506	Below Cal		# 50
32) Benzoic acid	10.22	122	1332	6.015	ng	# 86
51) 2,6-Dinitrotoluene	14.70	165	9045	7.416	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	9045	5.377	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	8284	4.583	ng	# 1
77) Benzidine	20.06	184	14636	2.627	ng	# 95

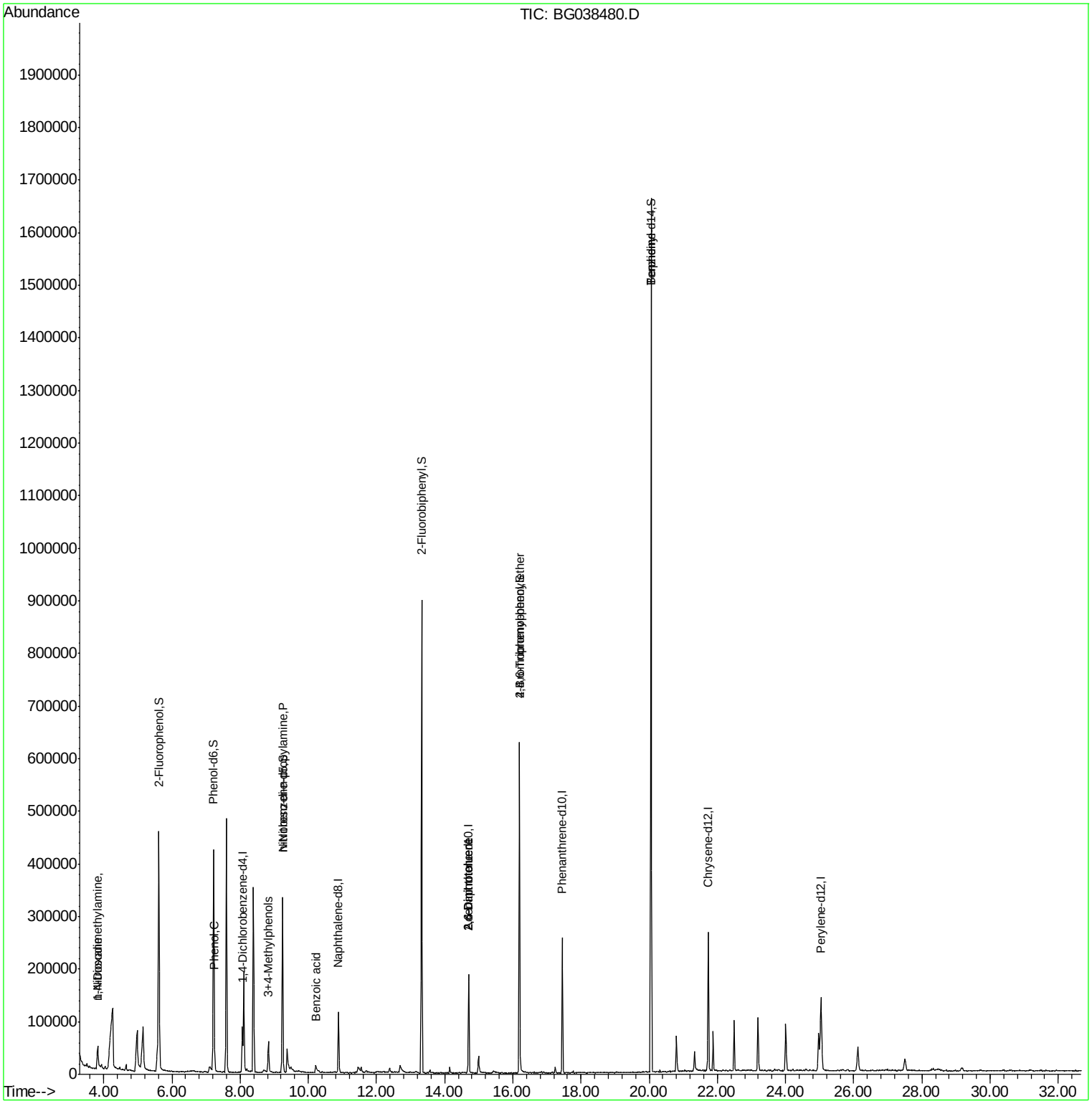
(#) = qualifier out of range (m) = manual integration (+) = signals summed

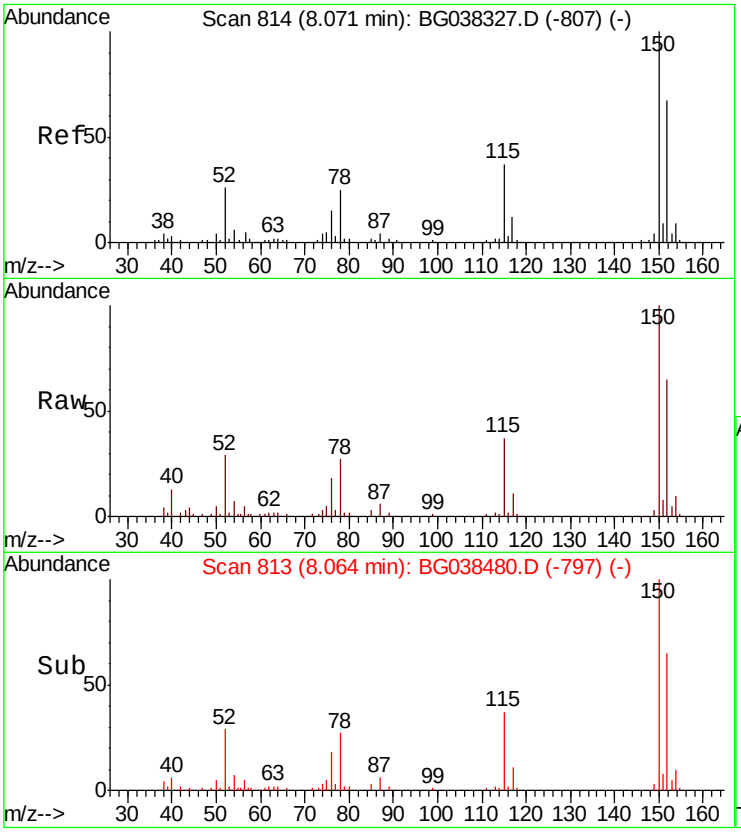
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
Data File : BG038480.D
Acq On : 11 Dec 2018 21:56
Operator : JU/SJ
Sample : J6298-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Quant Time: Dec 12 03:18:12 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



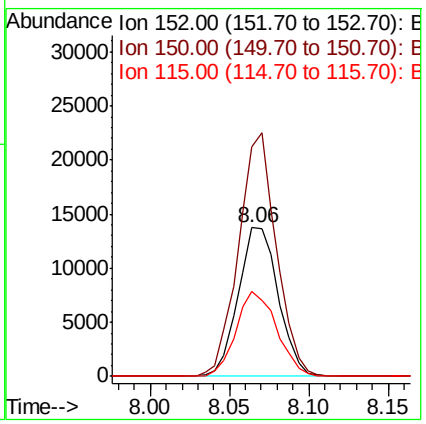


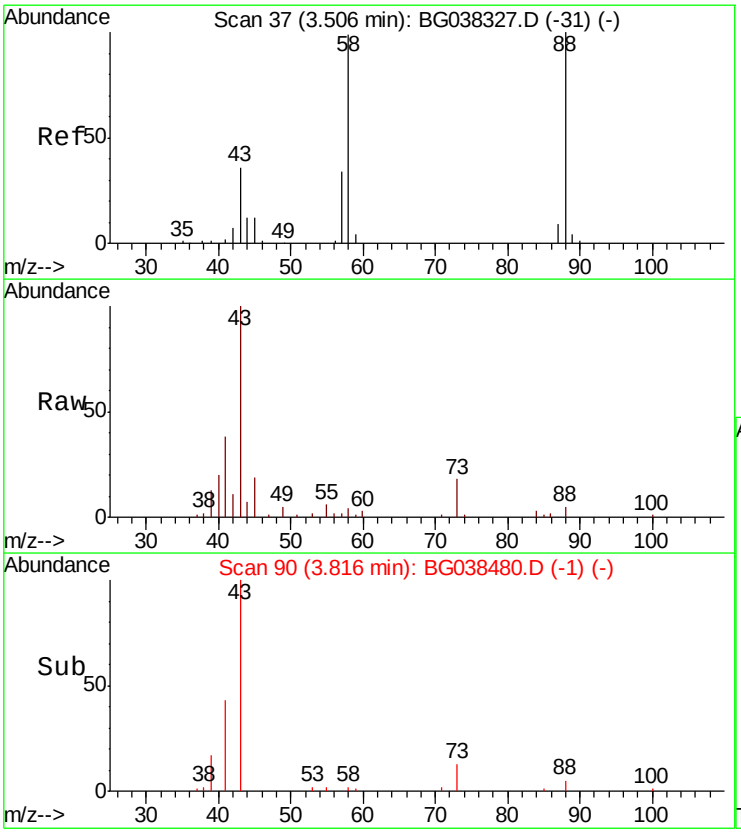
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:152 Resp: 24103

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.0	189.0
115	57.1	45.5	68.3

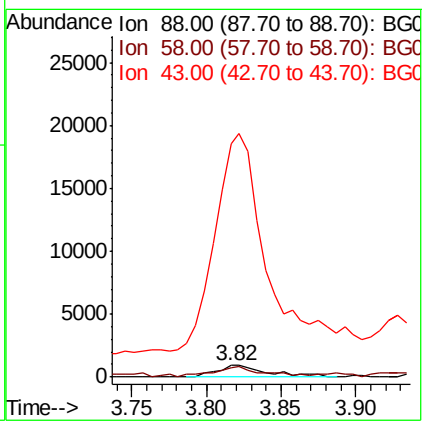


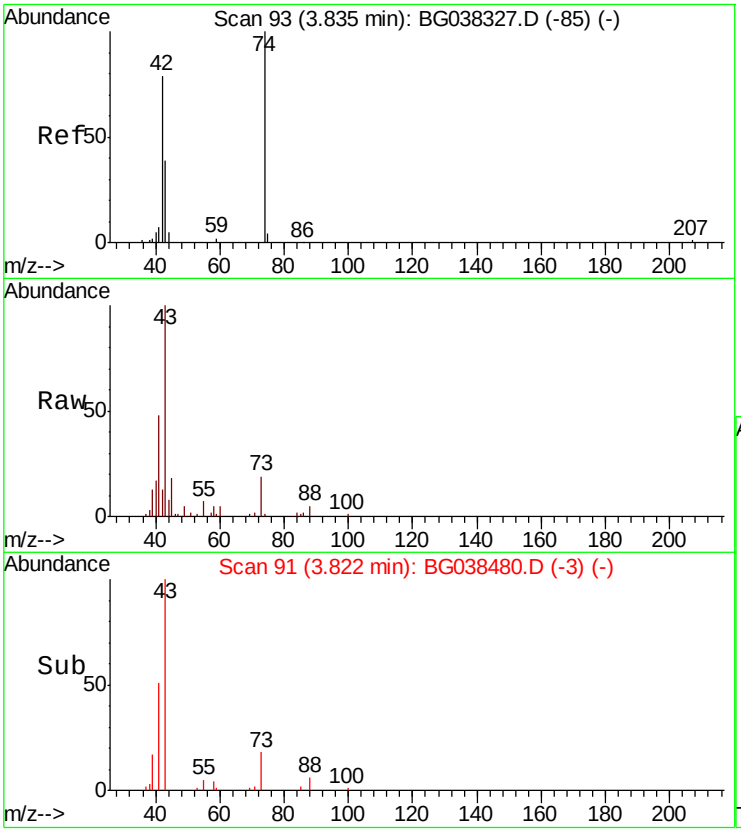


#2
1,4-Dioxane
Concen: 3.606 ng
RT: 3.82 min Scan# 90
Delta R.T. 0.31 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion: 88 Resp: 2251

Ion	Ratio	Lower	Upper
88	100		
58	86.9	74.4	111.6
43	2017.3	25.8	38.8#



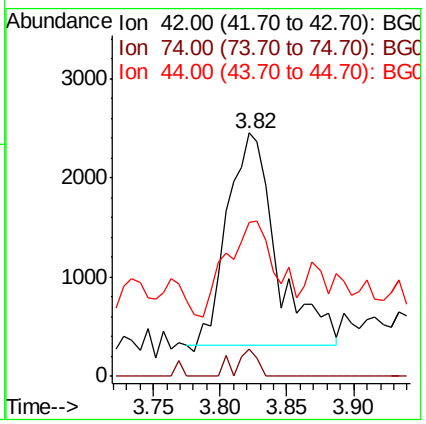


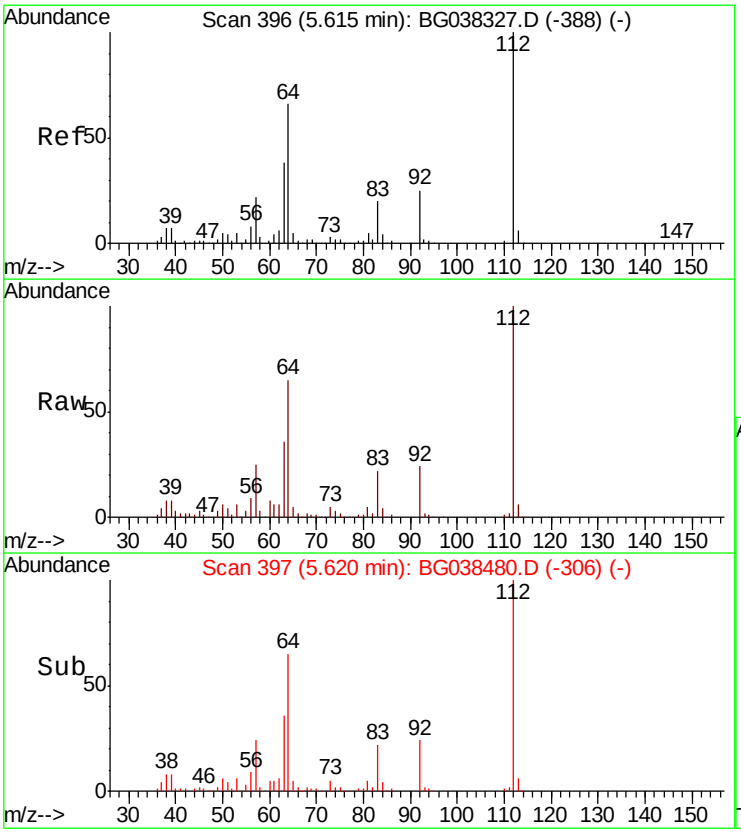
#4
n-Nitrosodimethylamine
Concen: 6.673 ng
RT: 3.82 min Scan# 91
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion: 42 Resp: 5459

Ion	Ratio	Lower	Upper
42	100		
74	11.3	102.0	153.0#
44	63.3	9.6	14.4#

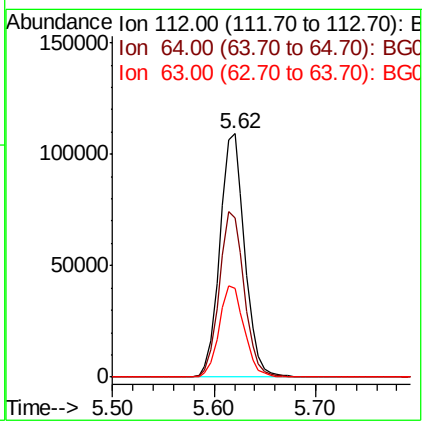


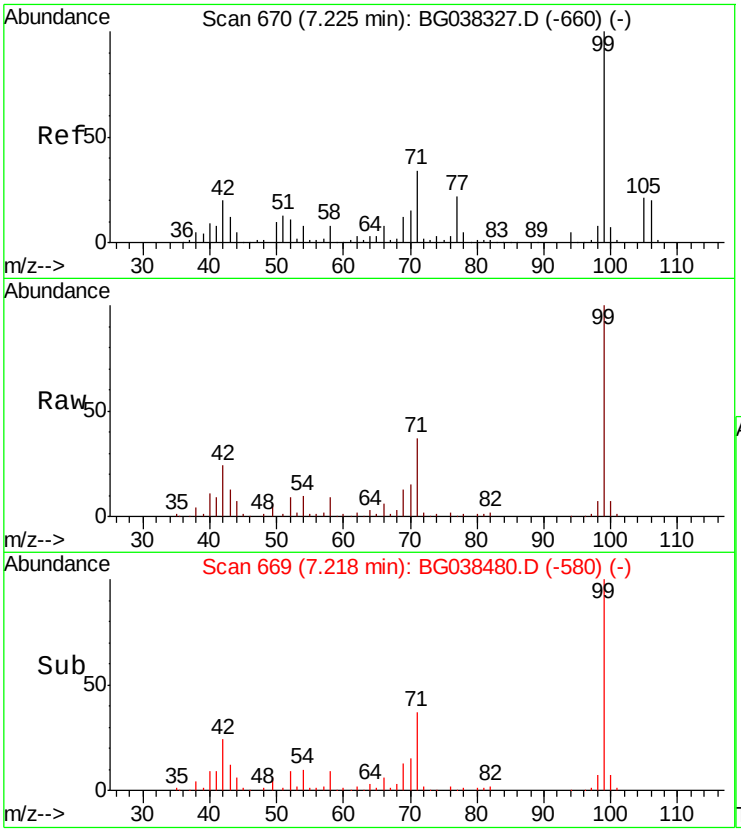


#5
2-Fluorophenol
Concen: 136.348 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:112 Resp: 185710

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.1	79.7
63	36.4	27.3	40.9



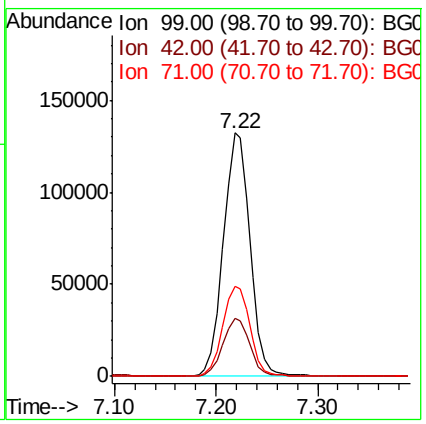


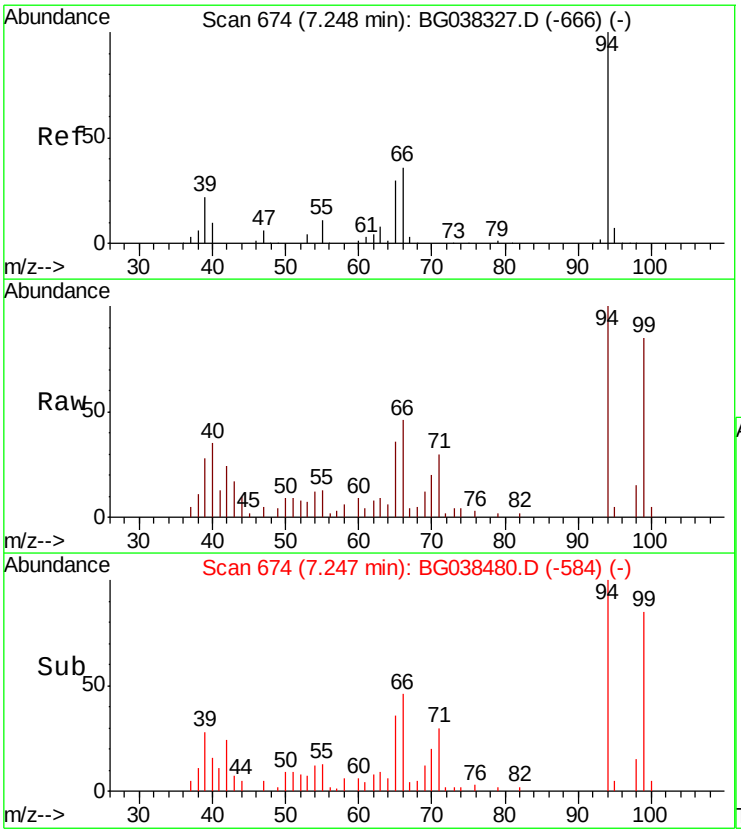
#7
Phenol-d6
Concen: 122.593 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion: 99 Resp: 241335

Ion	Ratio	Lower	Upper
99	100		
42	23.9	15.0	22.4#
71	37.1	25.5	38.3

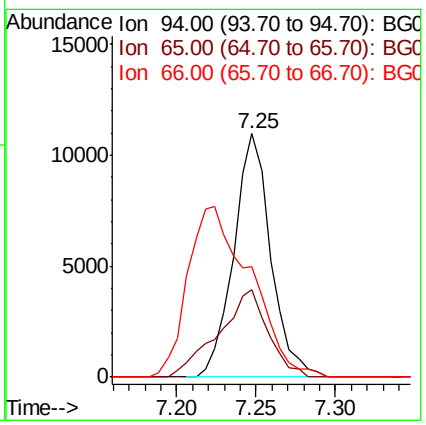


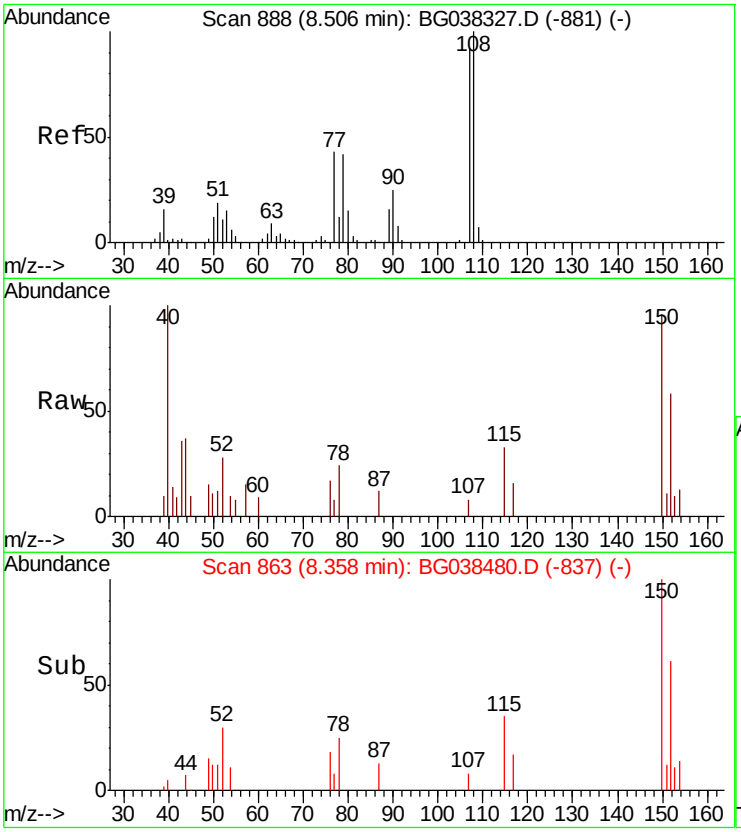


#10
Phenol
Concen: 8.527 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion: 94 Resp: 17736

Ion	Ratio	Lower	Upper
94	100		
65	35.8	9.7	49.7
66	45.6	15.9	55.9



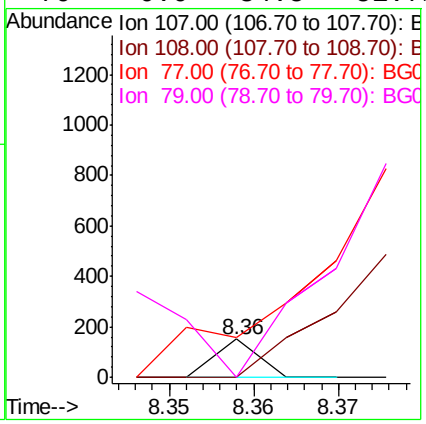


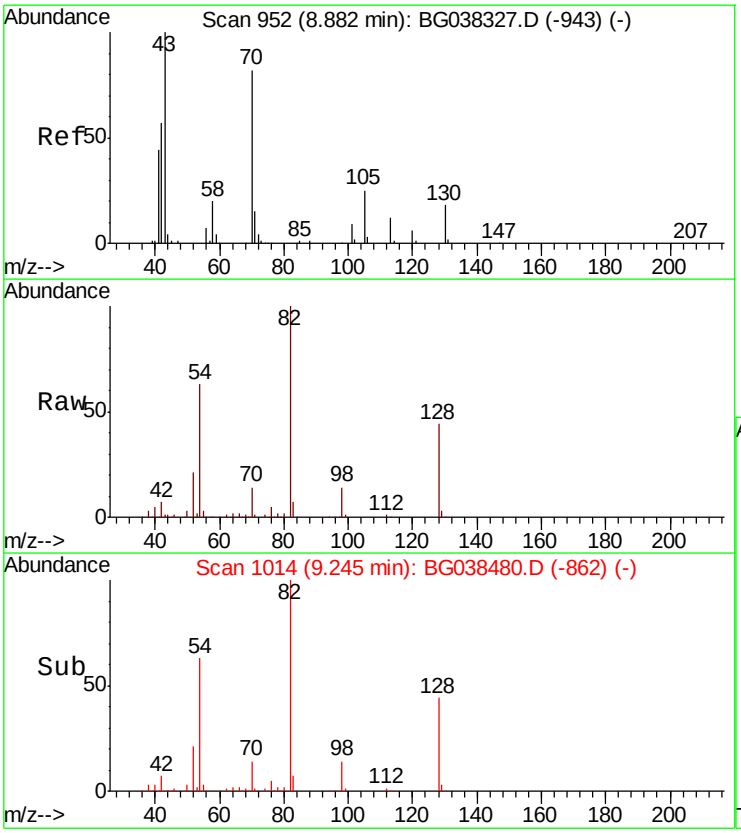
#17
2-Methylphenol
Concen: Below Cal
RT: 8.36 min Scan# 863
Delta R.T. -0.15 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:107 Resp: 53

Ion	Ratio	Lower	Upper
107	100		
108	0.0	87.9	131.9#
77	103.3	35.1	52.7#
79	0.0	34.5	51.7#

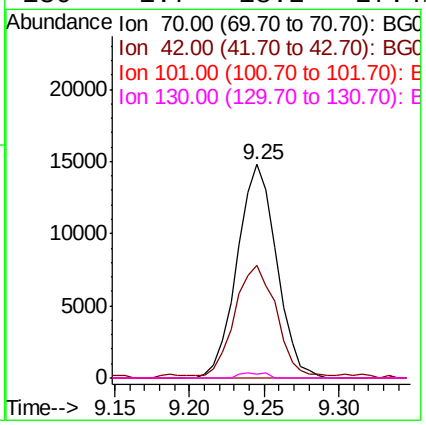


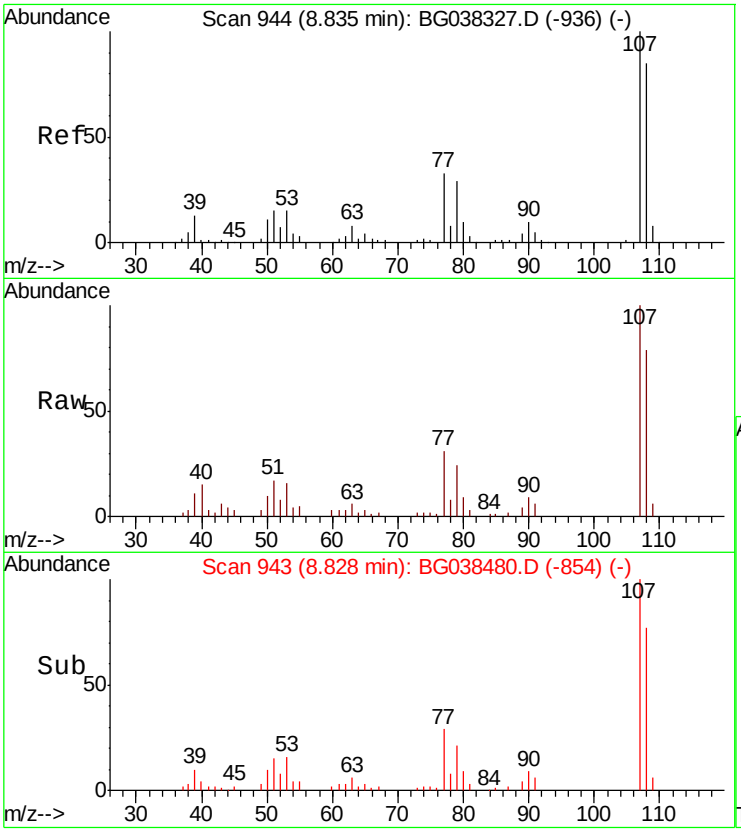


#19
n-Nitroso-di-n-propylamine
Concen: 17.609 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion: 70 Resp: 27032

Ion	Ratio	Lower	Upper
70	100		
42	52.7	53.9	80.9#
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#



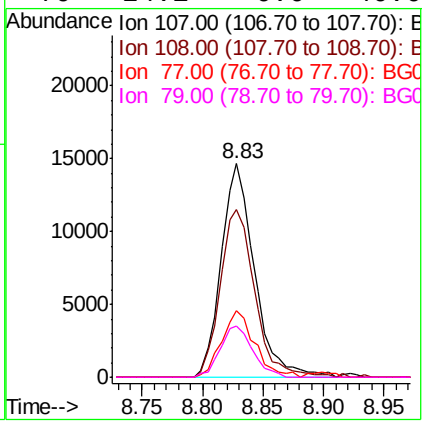


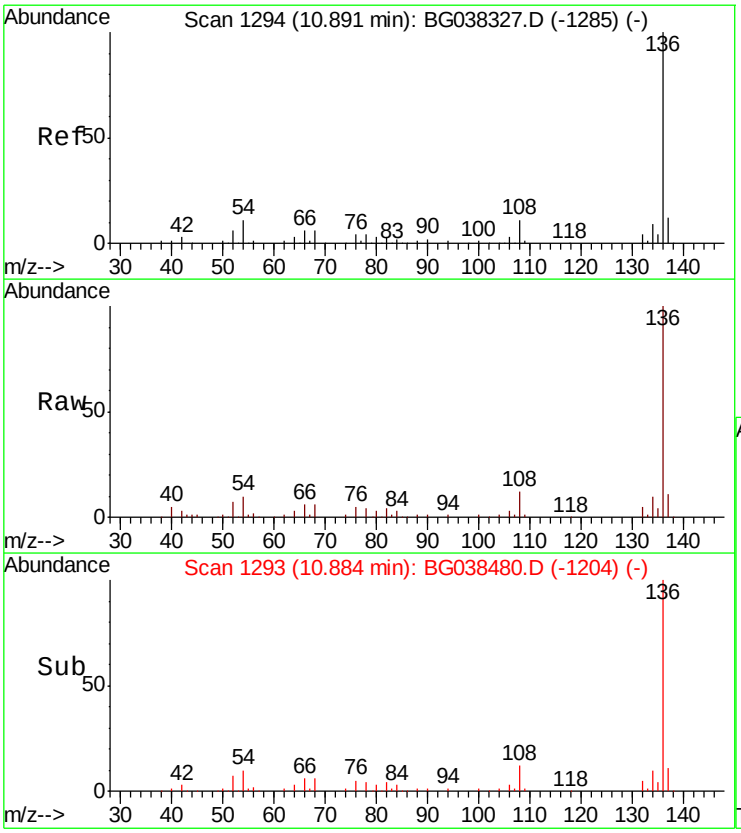
#20
3+4-Methylphenols
Concen: 13.380 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:107 Resp: 28037

Ion	Ratio	Lower	Upper
107	100		
108	78.7	69.9	109.9
77	31.2	11.2	51.2
79	24.1	6.6	46.6

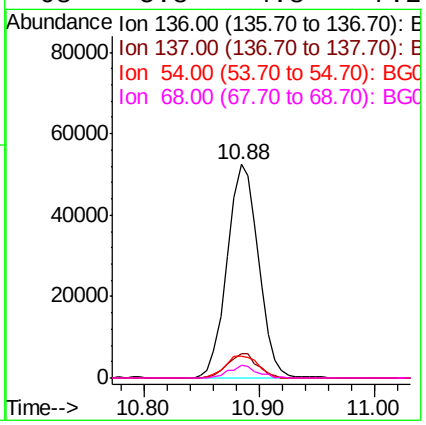


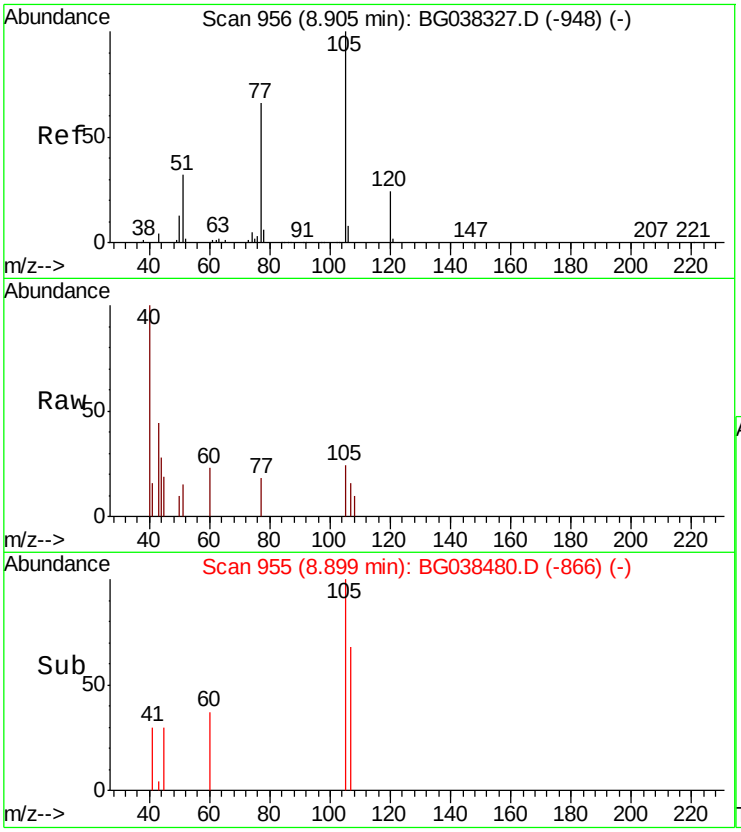


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:136 Resp: 98597

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.5	7.9	11.9
68	5.8	4.8	7.2



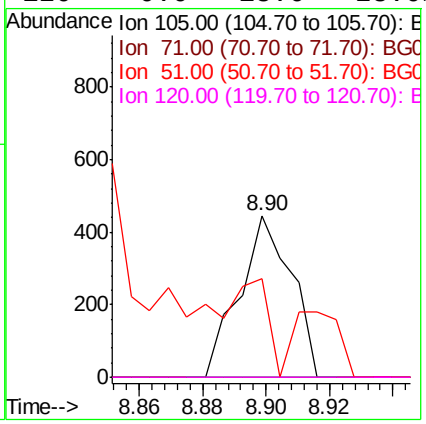


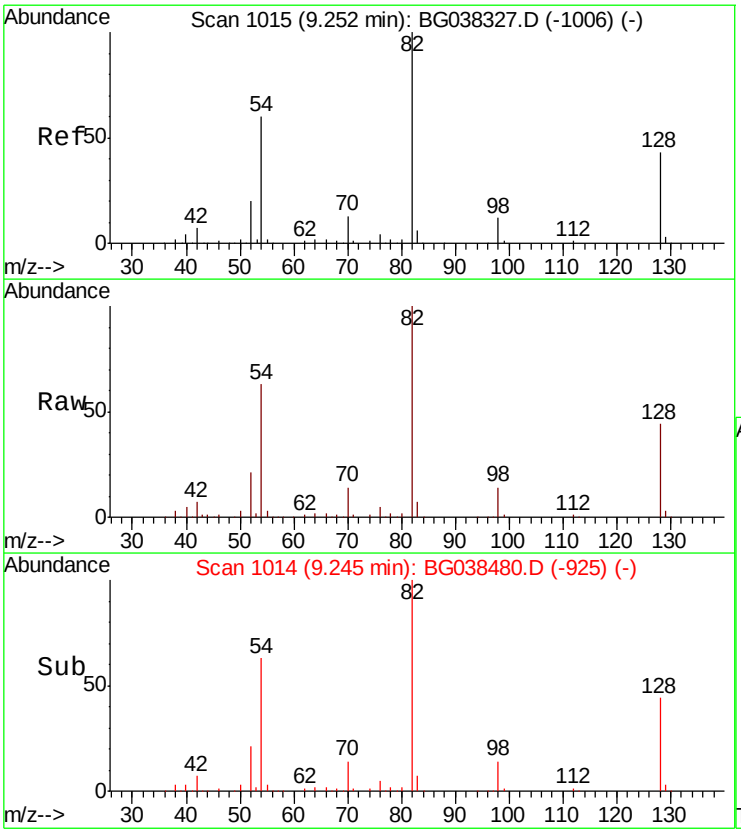
#22
Acetophenone
Concen: Below Cal
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:105 Resp: 506

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	61.0	25.0	37.6#
120	0.0	18.6	28.0#

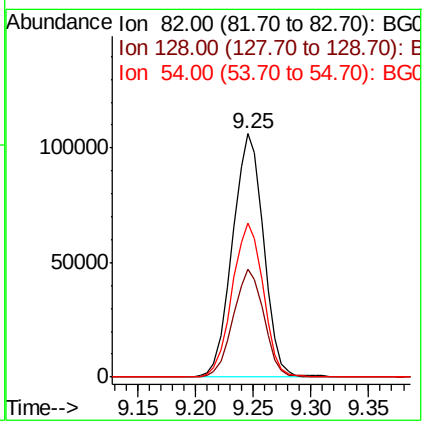


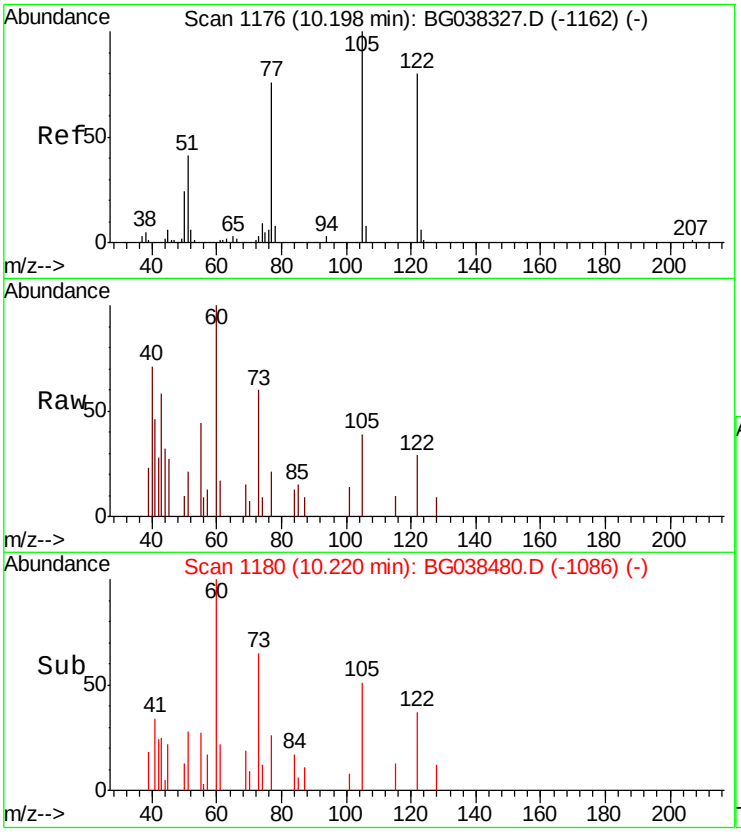


#23
Nitrobenzene-d5
Concen: 99.712 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion: 82 Resp: 198021

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	63.2	45.3	67.9



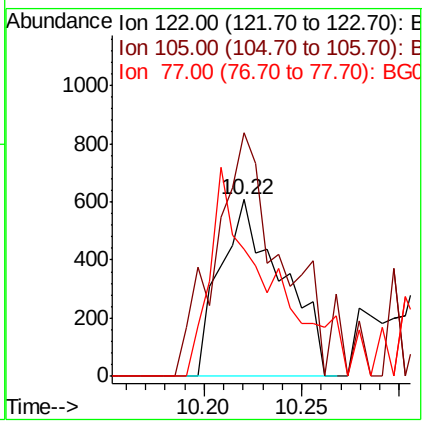


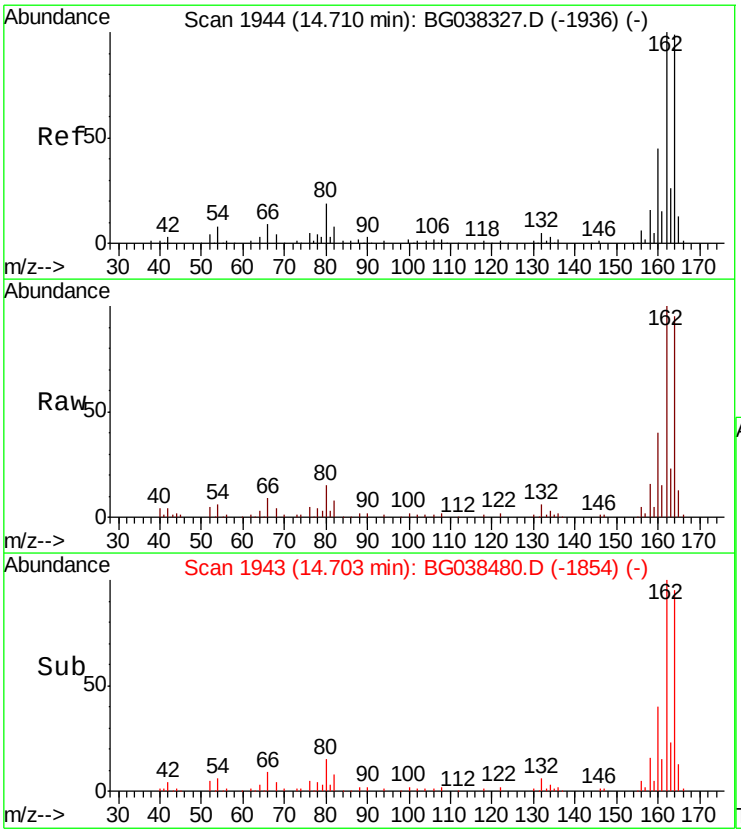
#32
Benzoic acid
Concen: 6.015 ng
RT: 10.22 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:122 Resp: 1332

Ion	Ratio	Lower	Upper
122	100		
105	137.7	106.7	146.7
77	72.0	72.2	112.2#

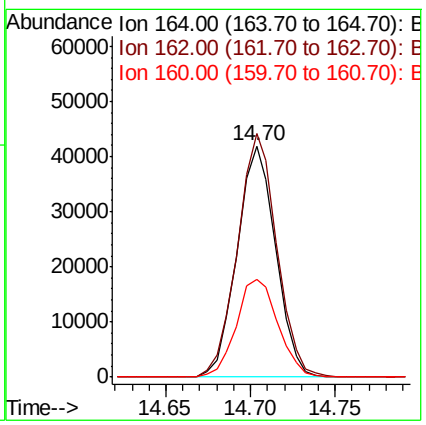


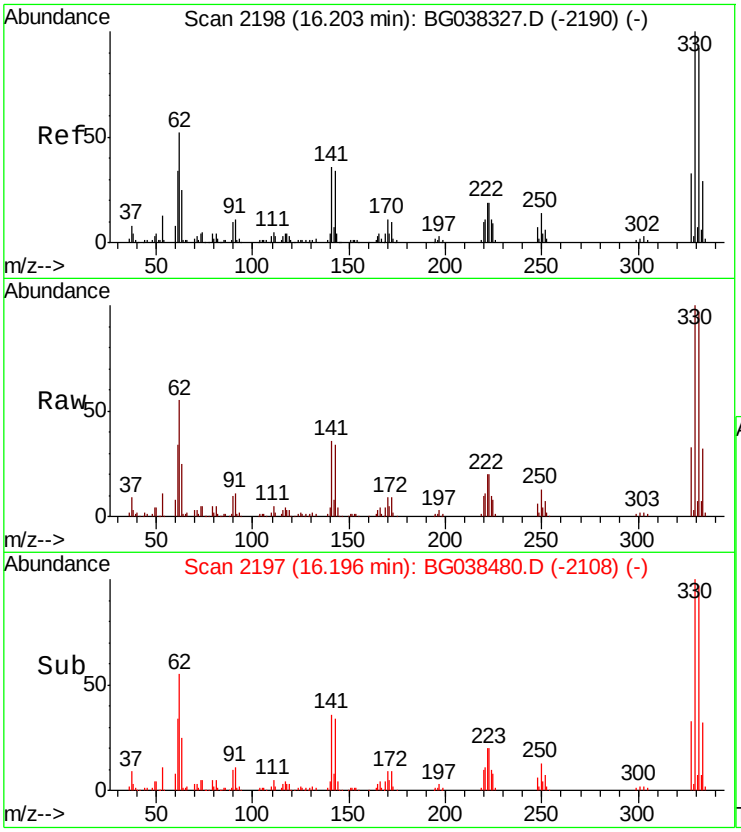


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:164 Resp: 66569

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.3	121.9
160	42.1	36.3	54.5



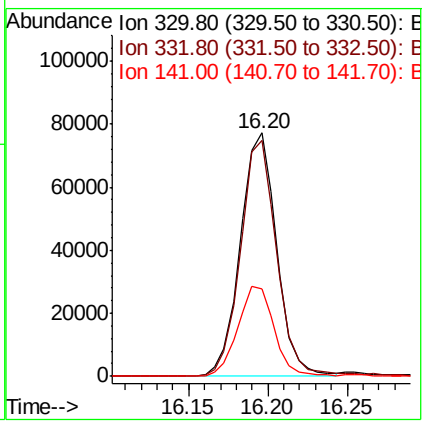


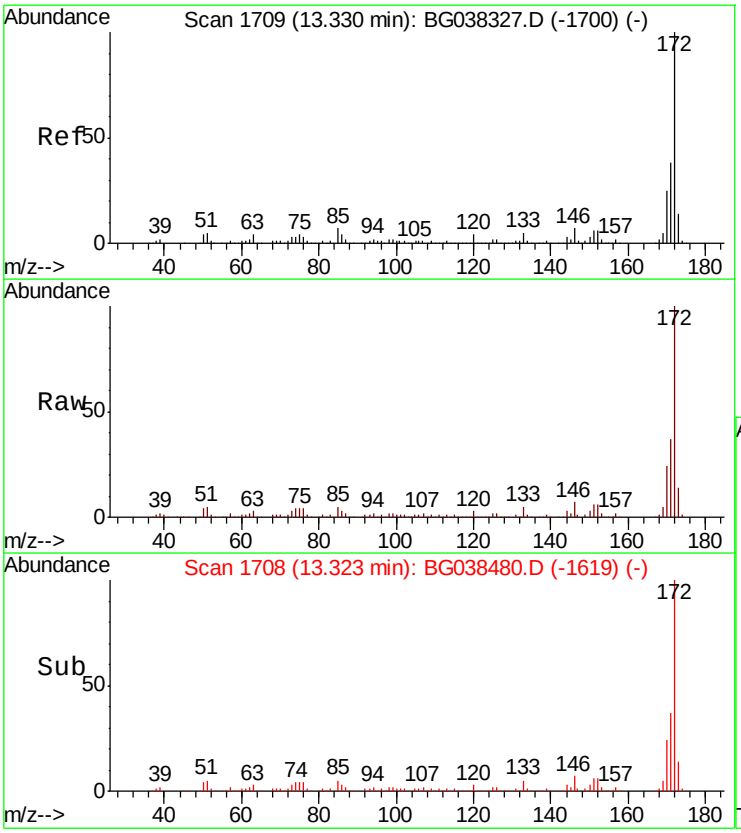
#42
2,4,6-Tribromophenol
Concen: 150.178 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:330 Resp: 122728

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.4	117.6
141	37.2	32.2	48.2

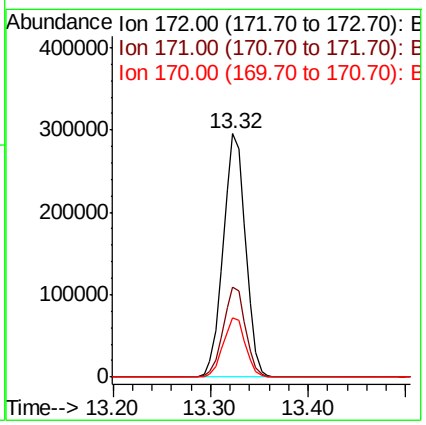


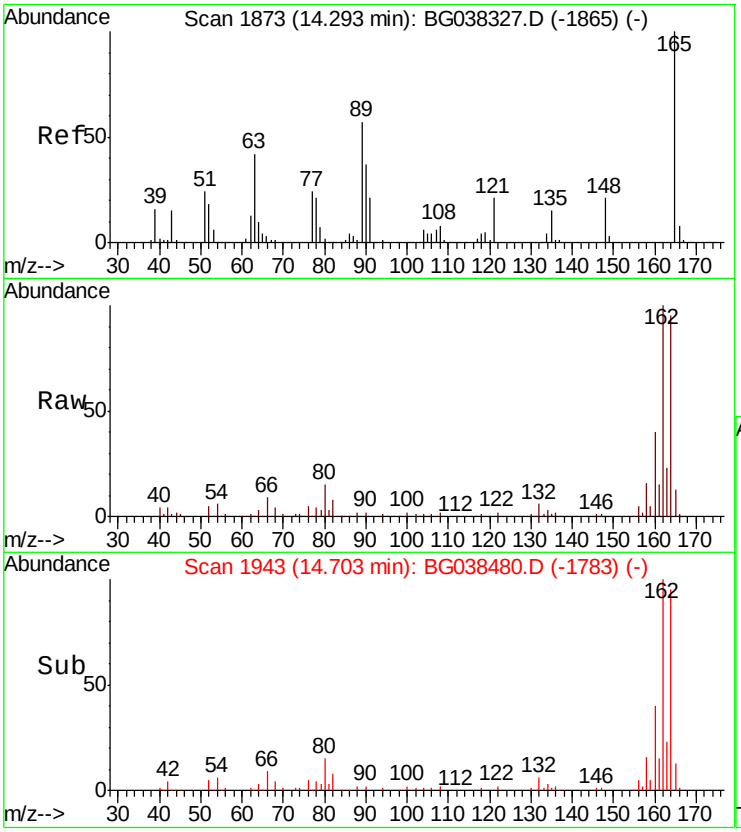


#45
2-Fluorobiphenyl
Concen: 100.112 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:172 Resp: 467701

Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.2	20.2	30.2



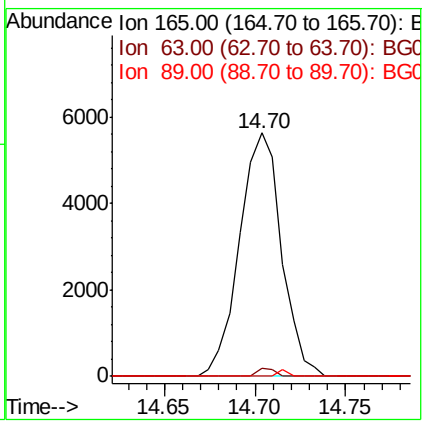


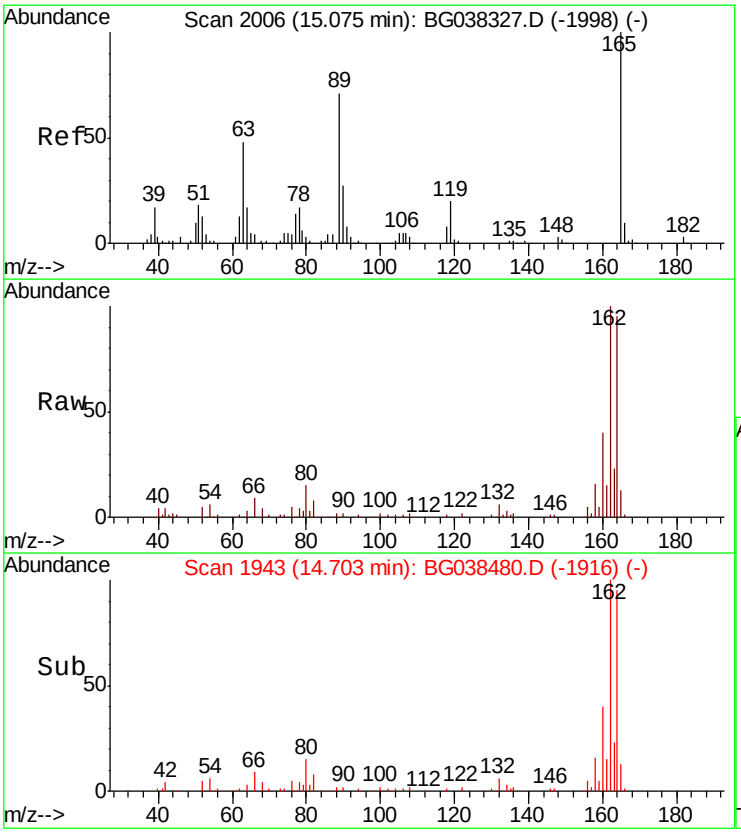
#51
2,6-Dinitrotoluene
Concen: 7.416 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:165 Resp: 9045

Ion	Ratio	Lower	Upper
165	100		
63	3.3	43.4	65.2#
89	0.0	45.8	68.6#

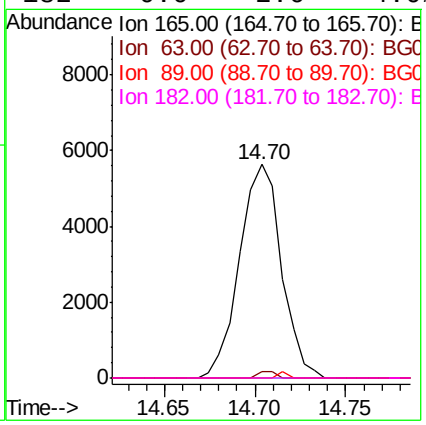


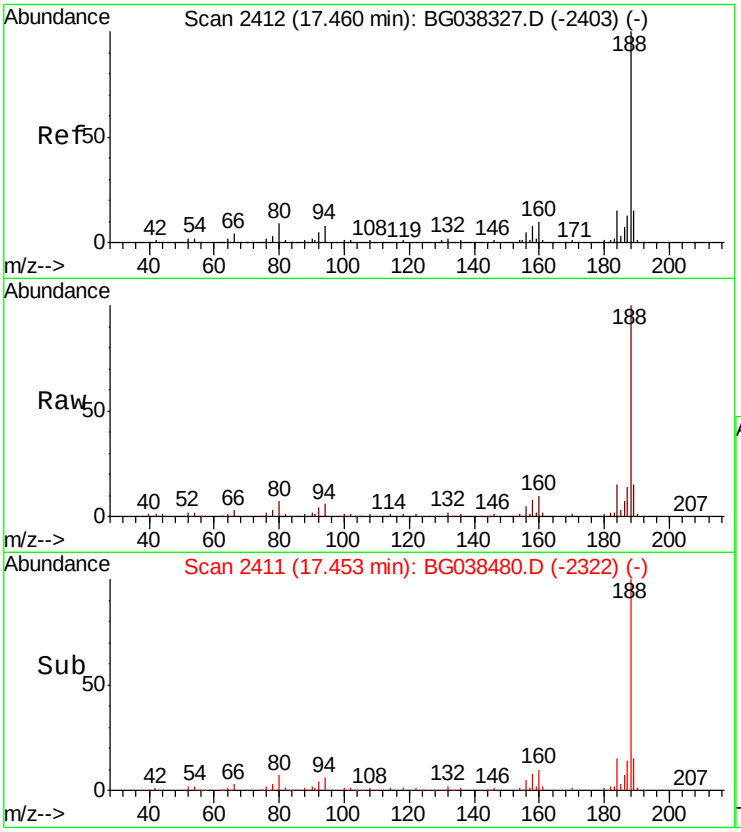


#57
2,4-Dinitrotoluene
Concen: 5.377 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.37 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:165 Resp: 9045

Ion	Ratio	Lower	Upper
165	100		
63	3.3	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



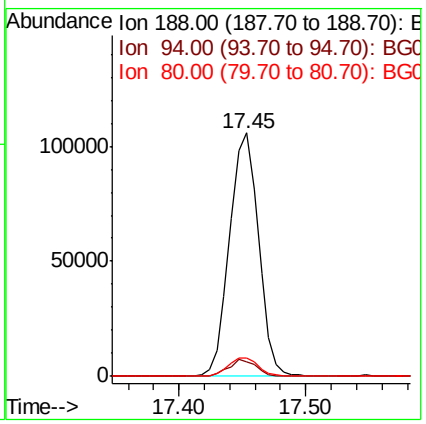


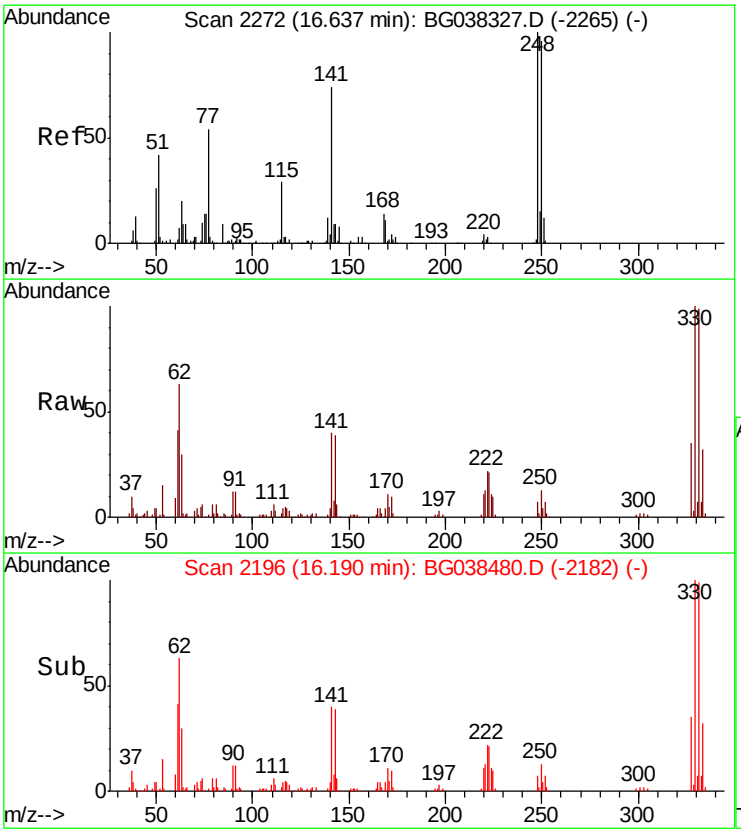
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:188 Resp: 167377

Ion	Ratio	Lower	Upper
188	100		
94	6.1	7.2	10.8#
80	7.4	7.7	11.5#

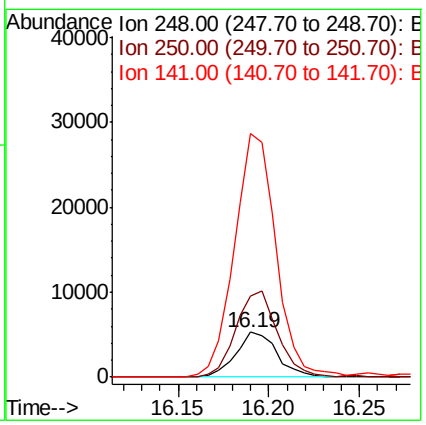


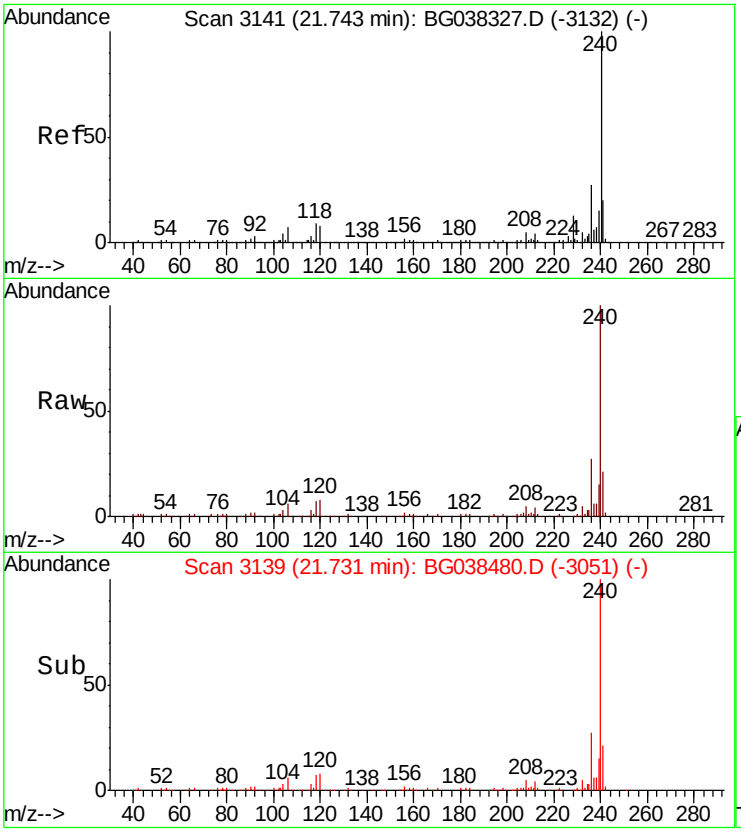


#67
4-Bromophenyl-phenylether
Concen: 4.583 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.45 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:248 Resp: 8284

Ion	Ratio	Lower	Upper
248	100		
250	179.9	77.0	115.6#
141	414.0	55.5	83.3#



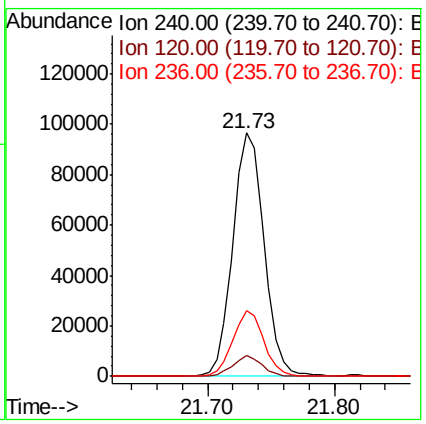


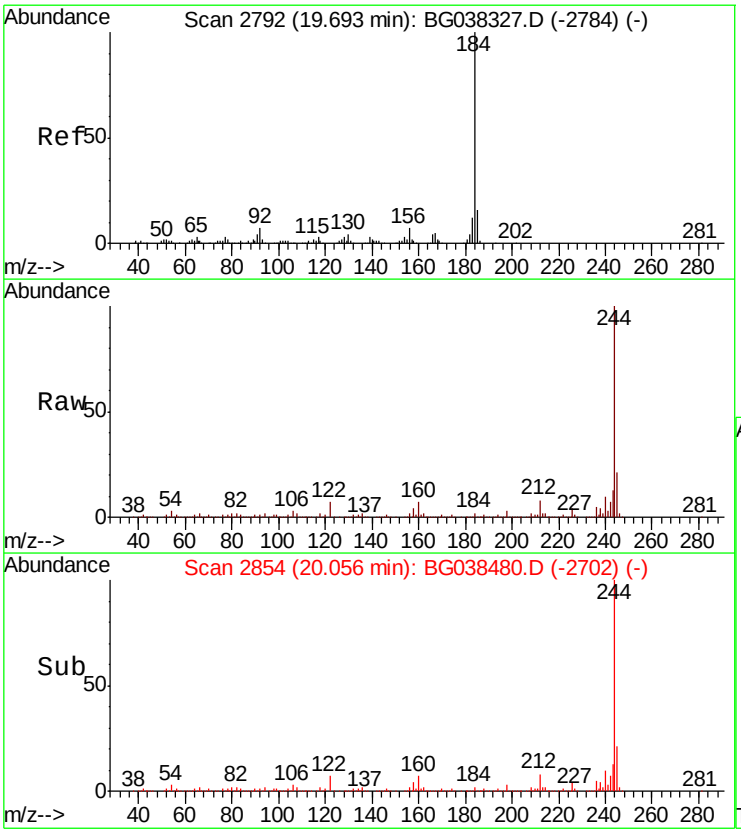
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:240 Resp: 165121

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.1	12.1
236	26.8	21.4	32.0

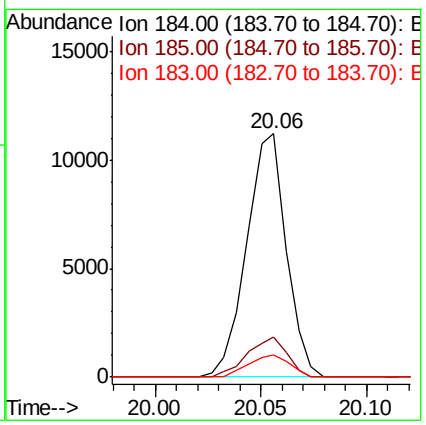


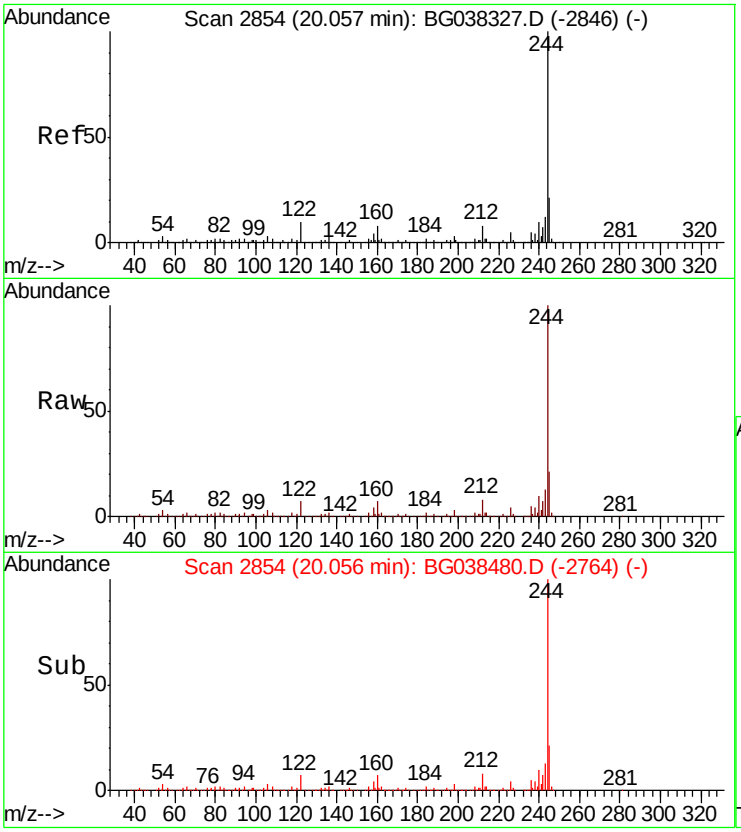


#77
Benzidine
Concen: 2.627 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:184 Resp: 14636

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	9.3	10.2	15.2#



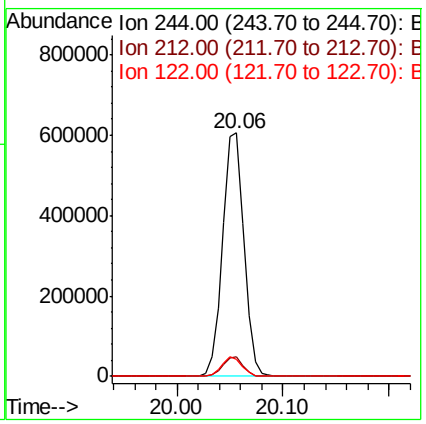


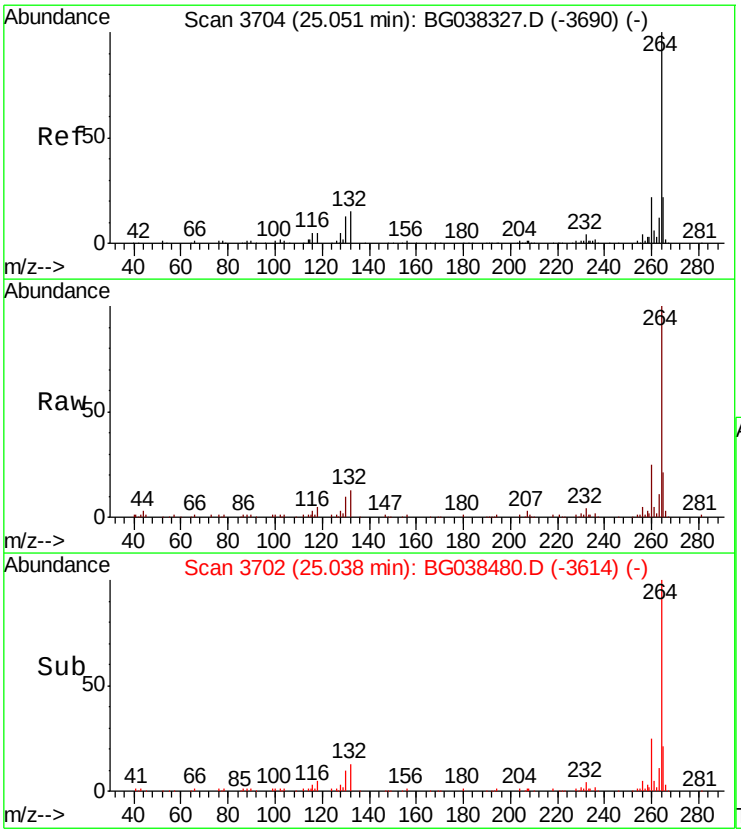
#79
Terphenyl-d14
Concen: 109.840 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038480.D
Acq: 11 Dec 2018 21:56

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tgt Ion:244 Resp: 846627

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	7.2	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: BG038480.D
Acq: 11 Dec 2018 21:56

Tgt Ion:264 Resp: 169177

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	21.1	17.9	26.9