Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
Data File : BG038751.D
Acq On : 20 Dec 2018 6:57
Operator : JU/SJ
Sample : J6425-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-20181214

Quant Time: Dec 20 07:47:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22348	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	90559	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	62058	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	163252	20.00	ng		0.00
76) Chrysene-d12	21.72	240	174083	20.00	ng		0.00
87) Perylene-d12	25.01	264	178611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	173844	137.97	ng		0.00
7) Phenol-d6	7.21	99	219008	126.61	ng		0.00
23) Nitrobenzene-d5	9.23	82	165123	93.15	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	117198	137.03	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	406871	89.94	ng		0.00
79) Terphenyl-d14	20.04	244	857567	107.21	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	7897	4.297	ng		85
19) n-Nitroso-di-n-propylamine	9.23	70	22551	18.562	ng	#	65
20) 3+4-Methylphenols	8.82	107	7196	4.232	ng		93
32) Benzoic acid	10.08	122	237	10.388	ng	#	1
51) 2,6-Dinitrotoluene	14.69	165	8129	7.078	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	8129	5.025	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	7465	3.744	ng	#	1
77) Benzidine	20.04	184	14752	2.865	ng	#	96

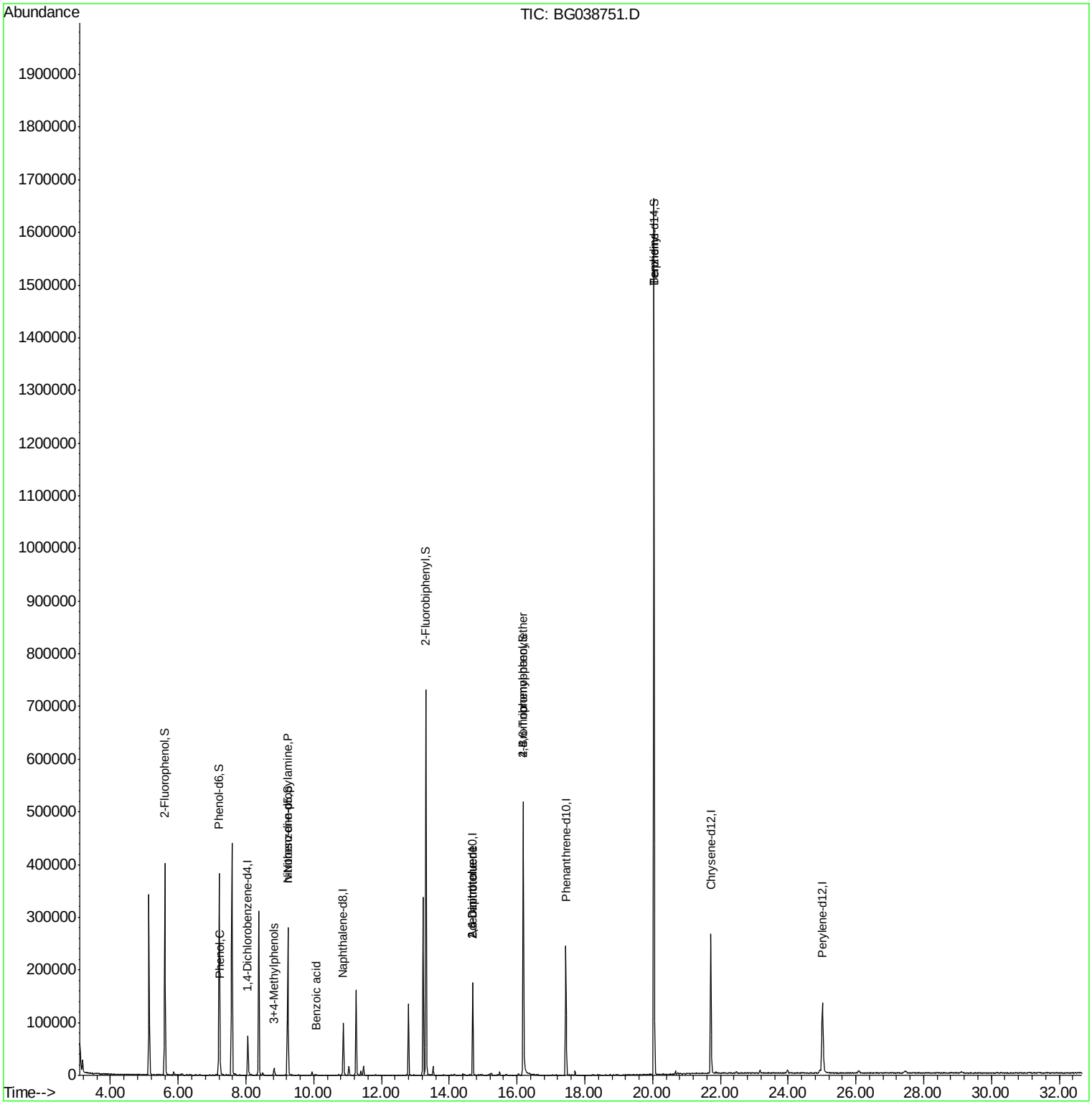
(#) = qualifier out of range (m) = manual integration (+) = signals summed

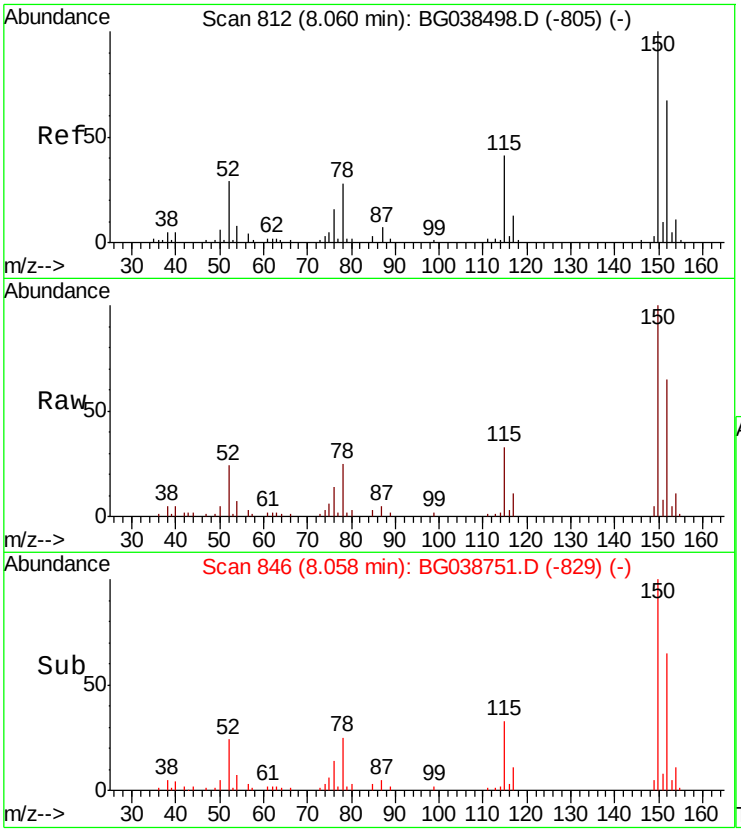
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
Data File : BG038751.D
Acq On : 20 Dec 2018 6:57
Operator : JU/SJ
Sample : J6425-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Quant Time: Dec 20 07:47:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



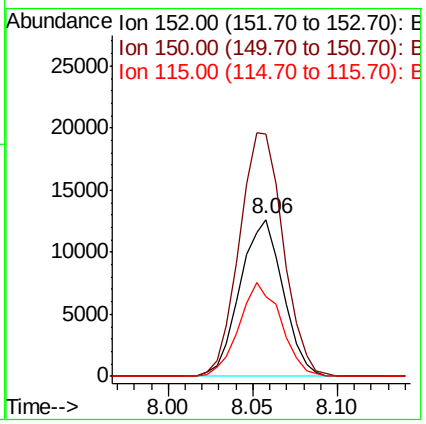


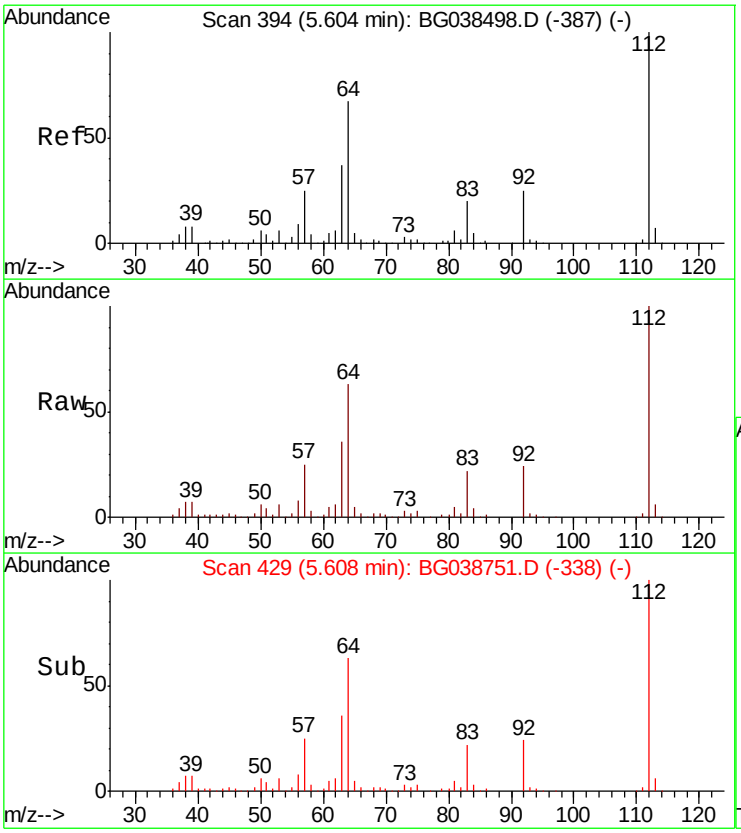
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:152 Resp: 22348

Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	50.7	49.6	74.4

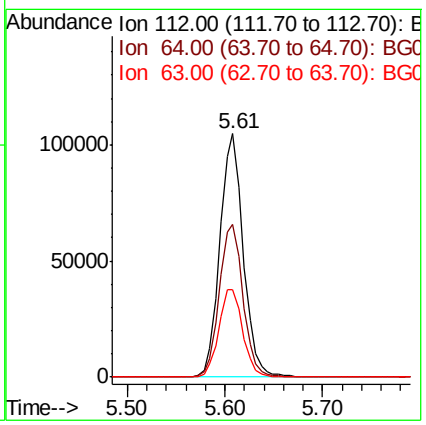


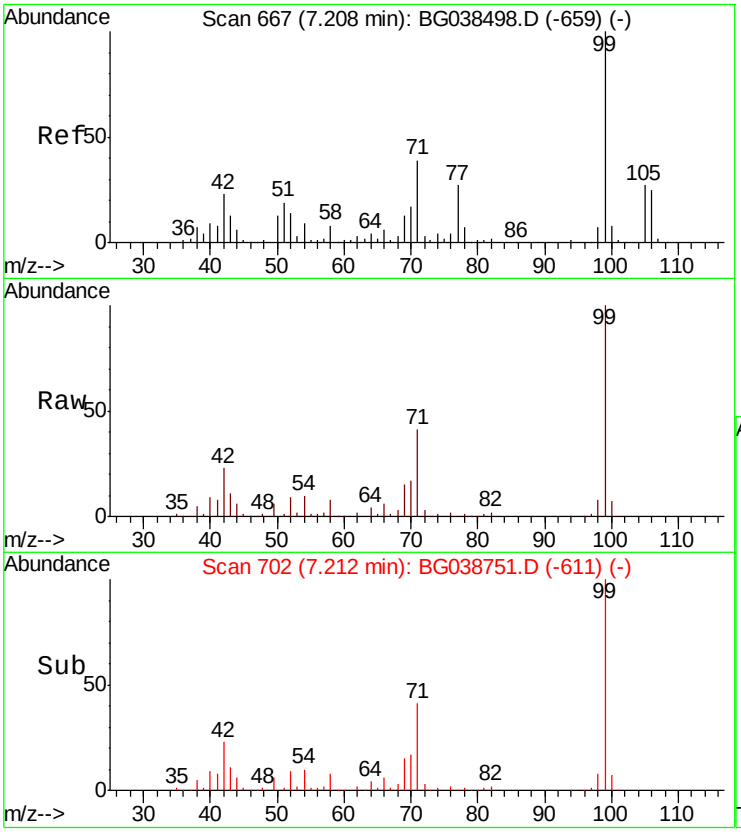


#5
2-Fluorophenol
Concen: 137.972 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:112 Resp: 173844

Ion	Ratio	Lower	Upper
112	100		
64	62.6	53.4	80.2
63	35.8	29.3	43.9



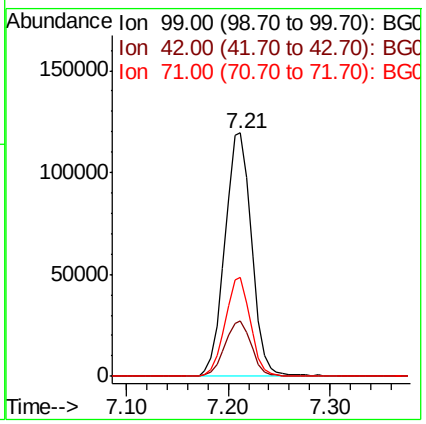


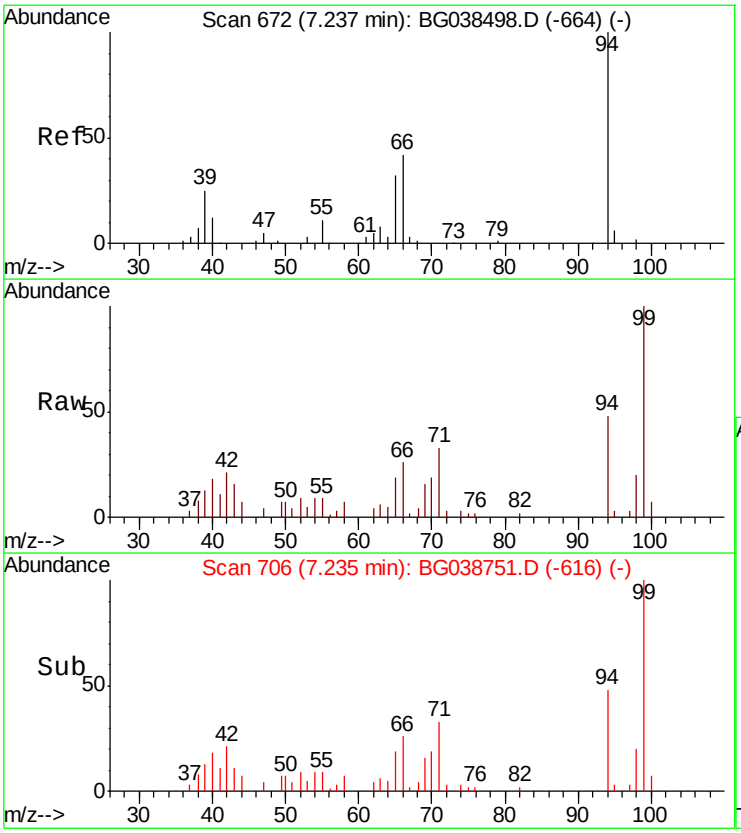
#7
Phenol-d6
Concen: 126.614 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion: 99 Resp: 219008

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.5	27.7
71	40.6	31.1	46.7

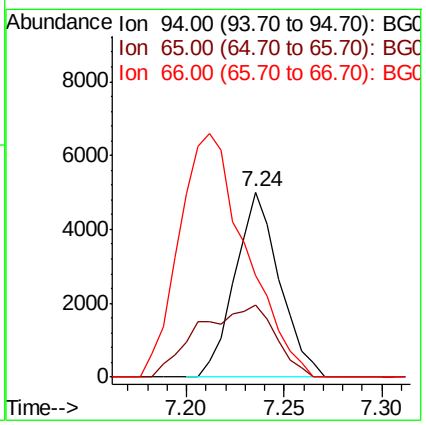


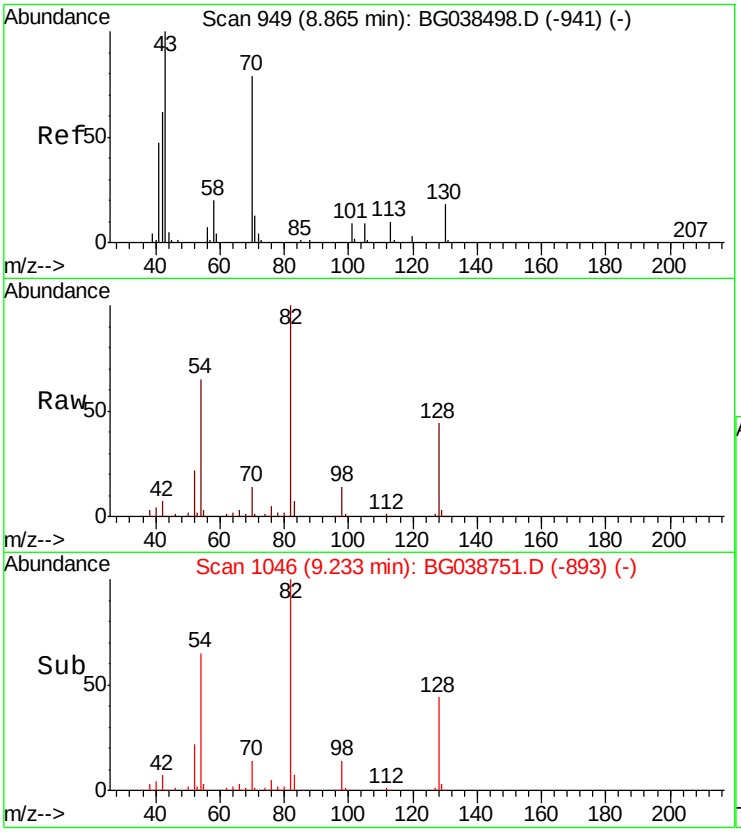


#10
Phenol
Concen: 4.297 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion: 94 Resp: 7897

Ion	Ratio	Lower	Upper
94	100		
65	38.9	12.6	52.6
66	55.1	24.1	64.1



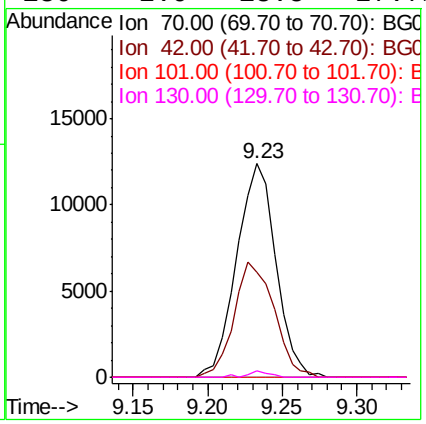


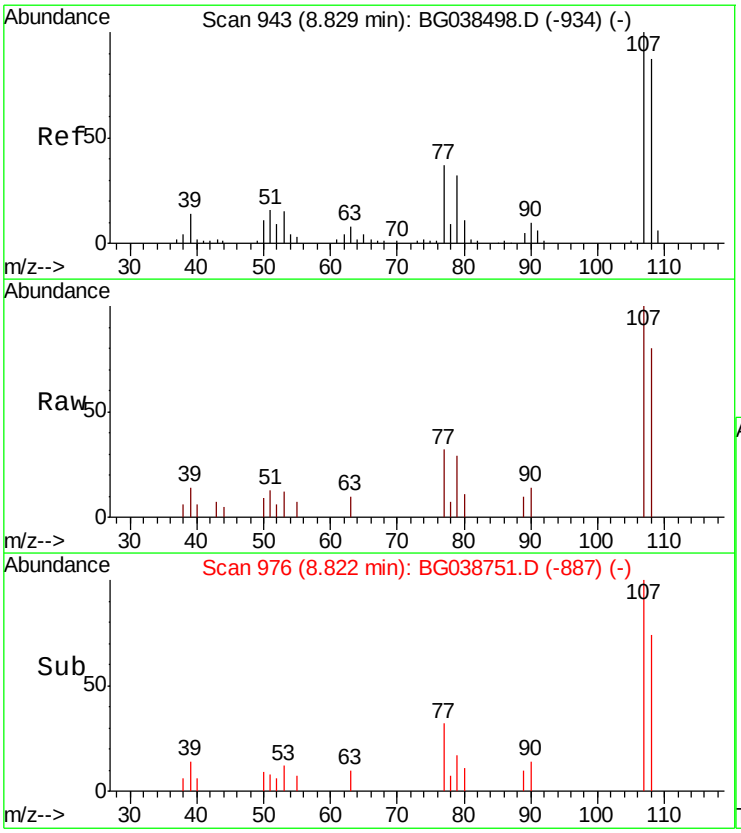
#19
n-Nitroso-di-n-propylamine
Concen: 18.562 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion: 70 Resp: 22551

Ion	Ratio	Lower	Upper
70	100		
42	49.2	63.6	95.4#
101	0.0	9.2	13.8#
130	2.9	18.5	27.7#

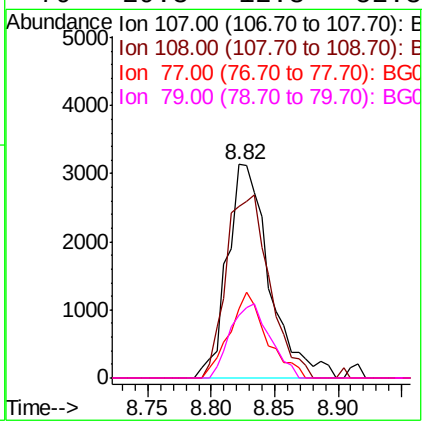


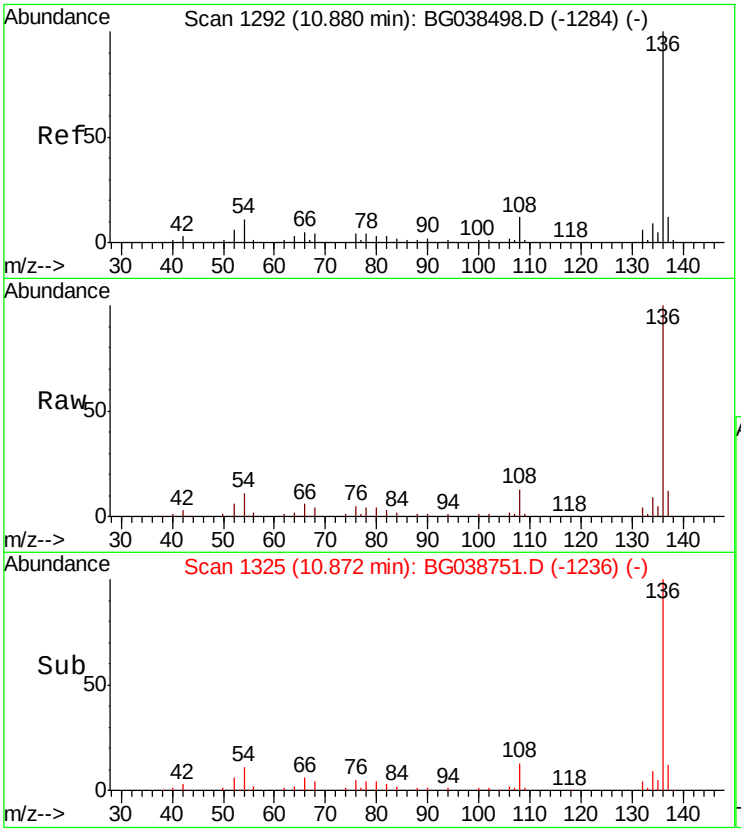


#20
3+4-Methylphenols
Concen: 4.232 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:107 Resp: 7196

Ion	Ratio	Lower	Upper
107	100		
108	80.2	66.7	106.7
77	32.2	17.3	57.3
79	29.3	12.3	52.3



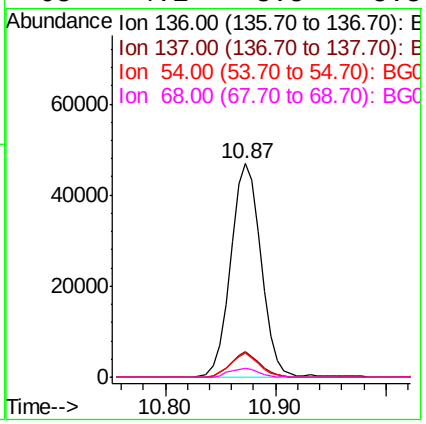


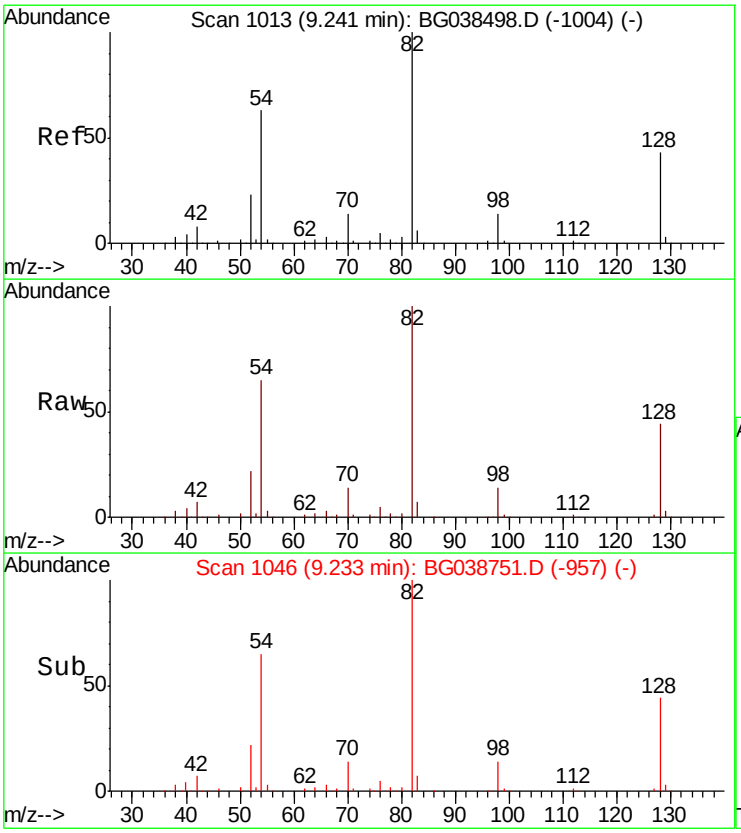
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:136 Resp: 90559

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	11.2	8.5	12.7
68	4.1	3.5	5.3

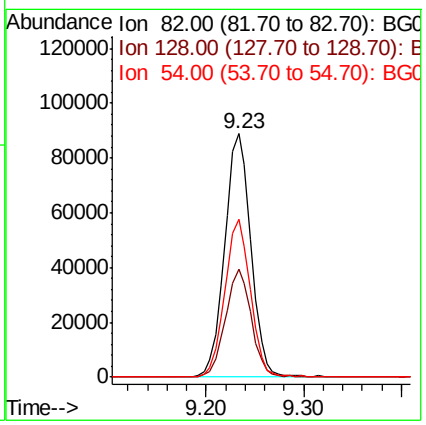


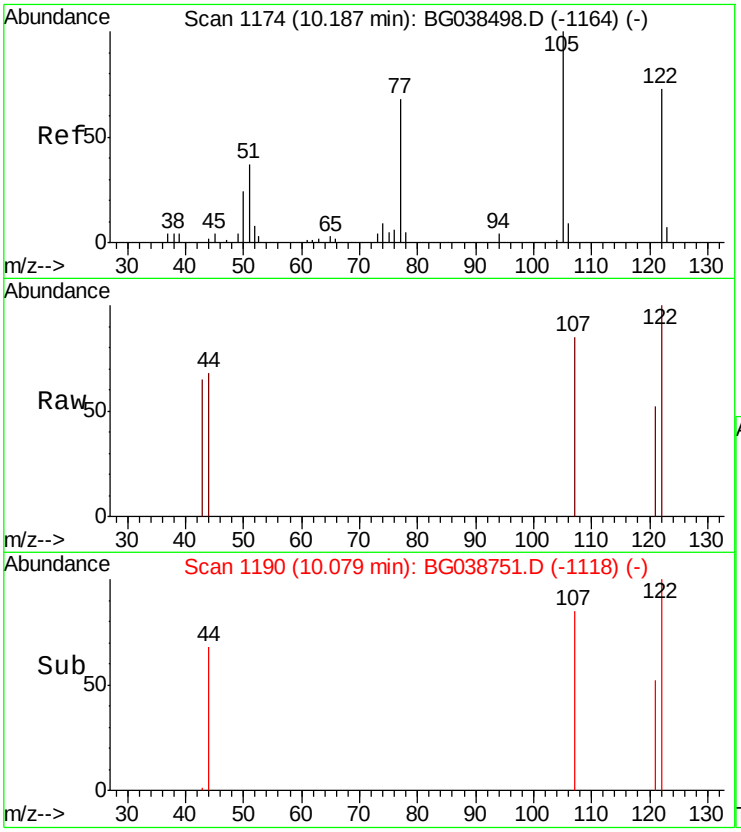


#23
Nitrobenzene-d5
Concen: 93.151 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion: 82 Resp: 165123

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	64.9	50.6	76.0



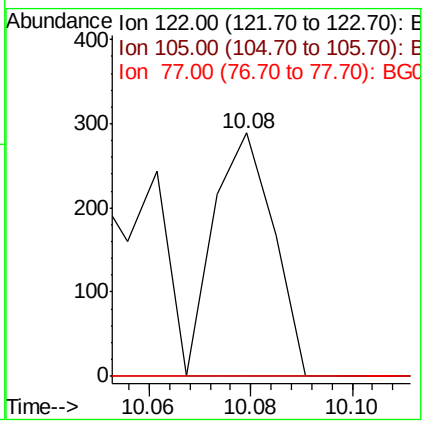


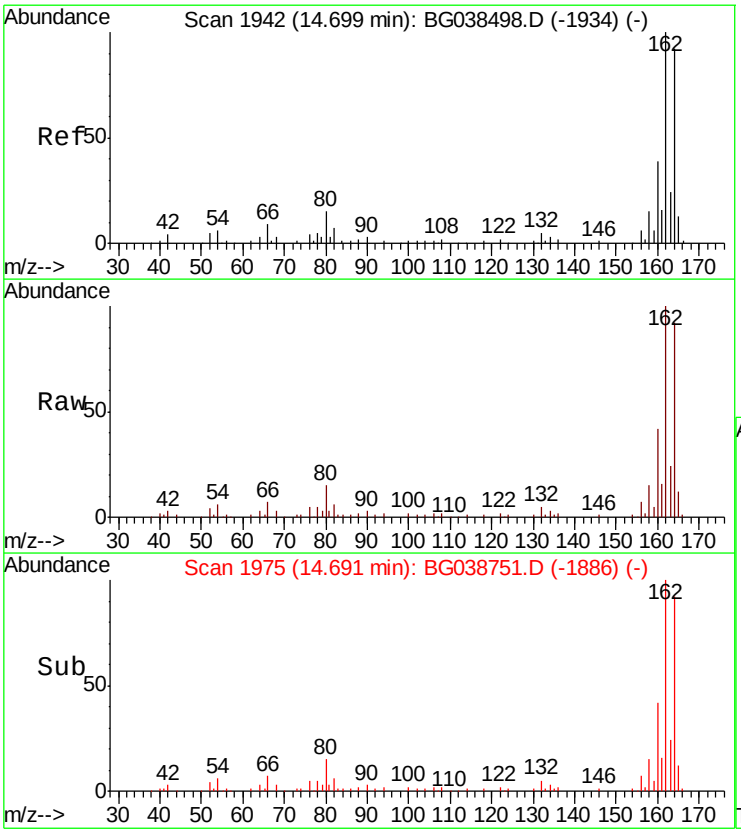
#32
Benzoic acid
Concen: 10.388 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.11 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:122 Resp: 237

Ion	Ratio	Lower	Upper
122	100		
105	0.0	116.7	156.7#
77	0.0	72.5	112.5#

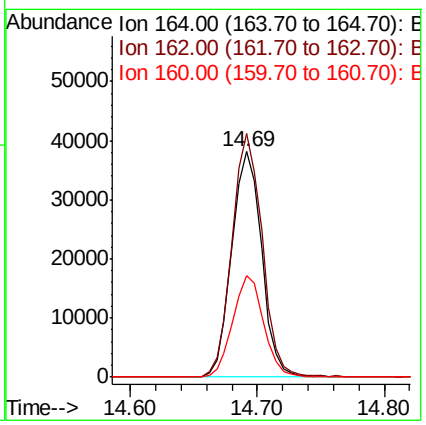


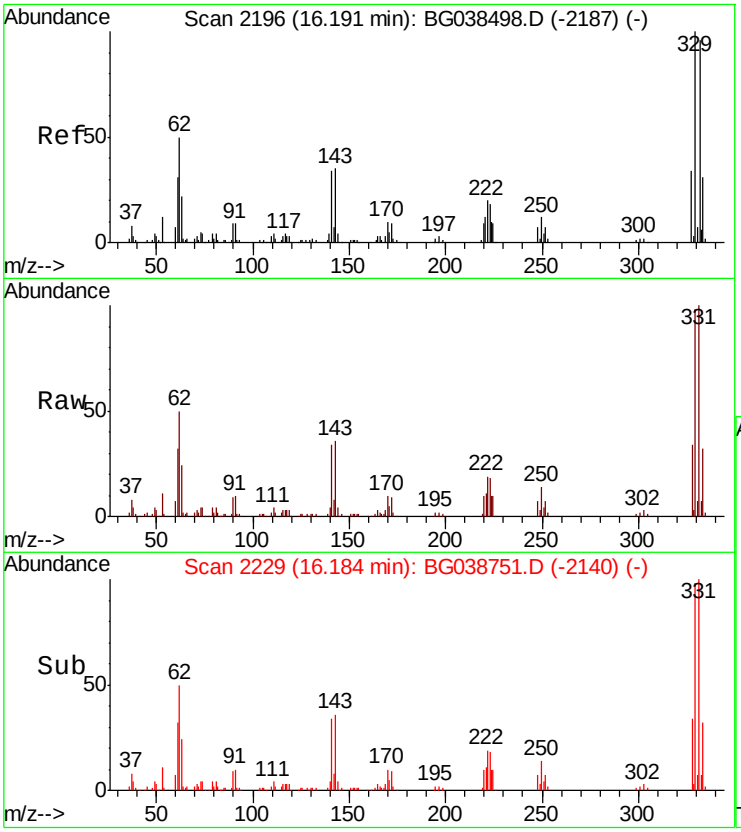


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:164 Resp: 62058

Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.6	130.0
160	44.9	34.2	51.2



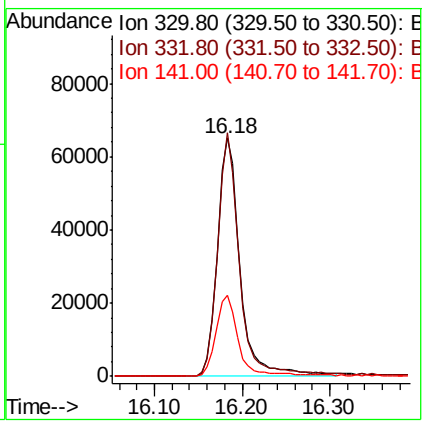


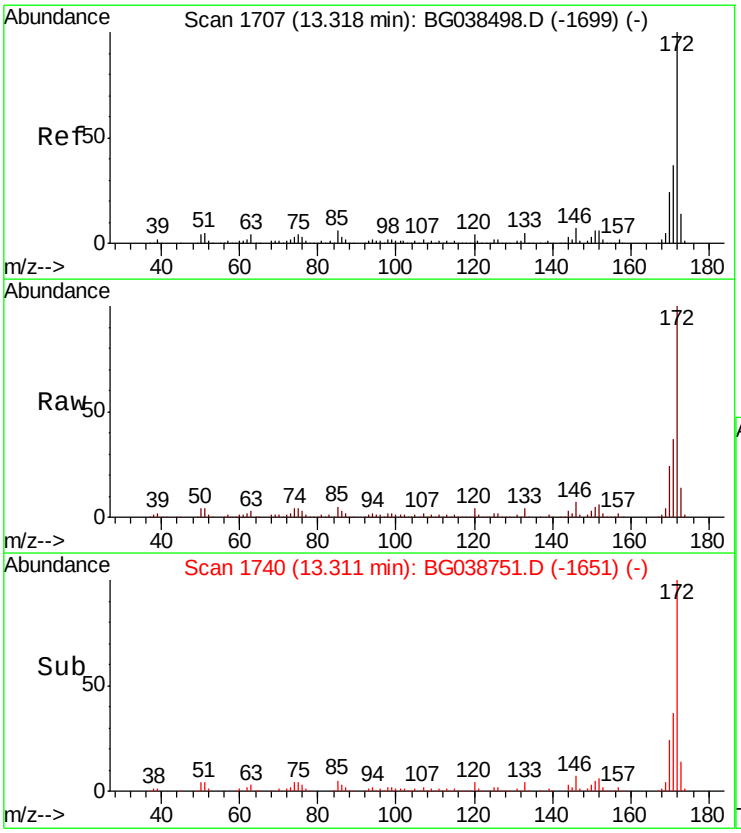
#42
2,4,6-Tribromophenol
Concen: 137.030 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:330 Resp: 117198

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.9	115.3
141	33.8	28.8	43.2

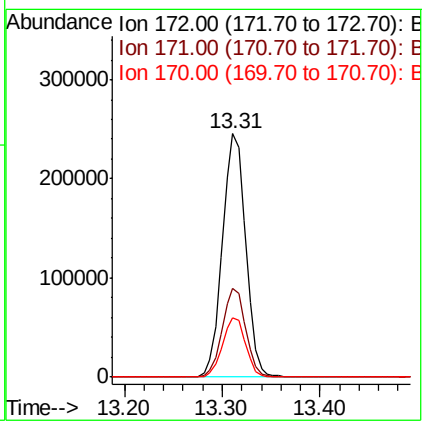


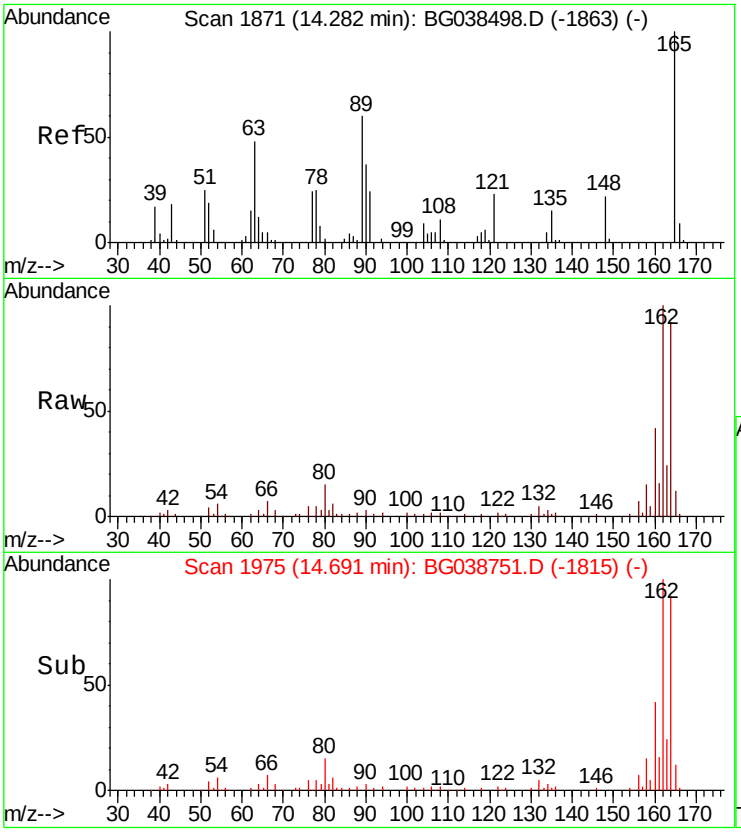


#45
2-Fluorobiphenyl
Concen: 89.943 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:172 Resp: 406871

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.1	19.5	29.3



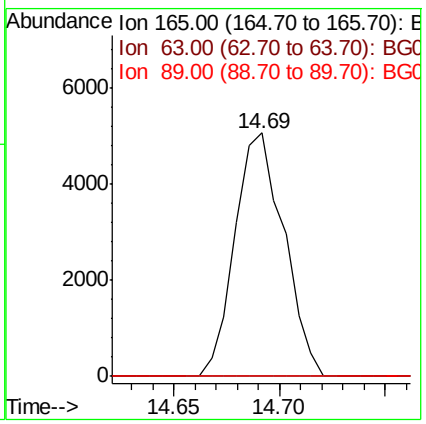


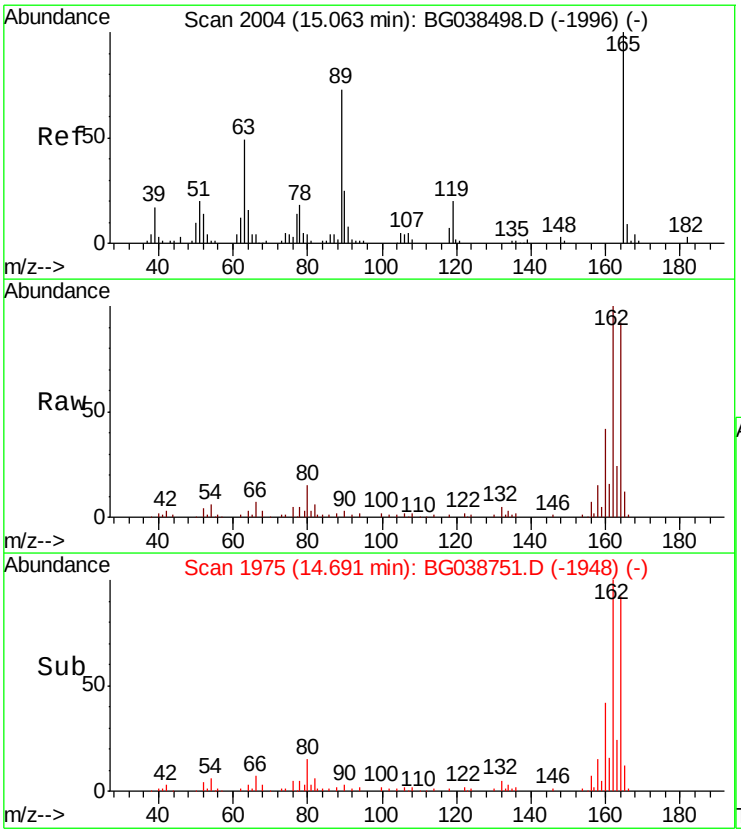
#51
2,6-Dinitrotoluene
Concen: 7.078 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:165 Resp: 8129

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

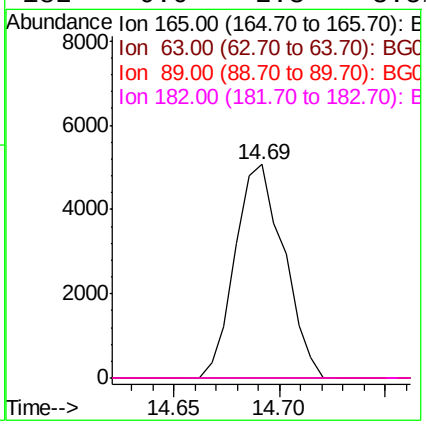


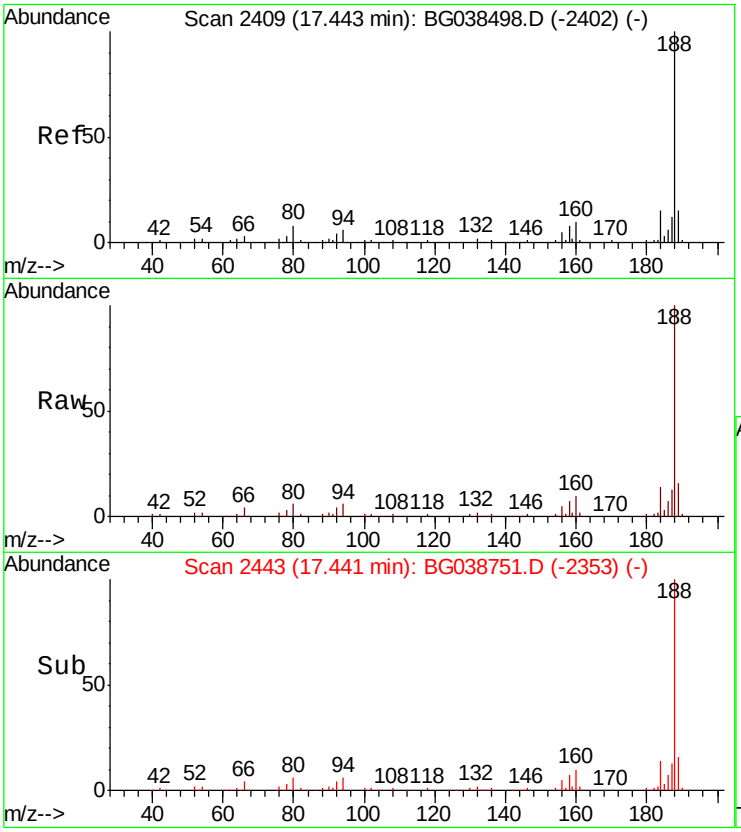


#57
2,4-Dinitrotoluene
Concen: 5.025 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:165 Resp: 8129

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



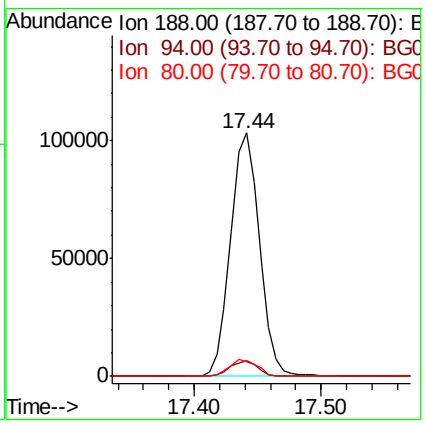


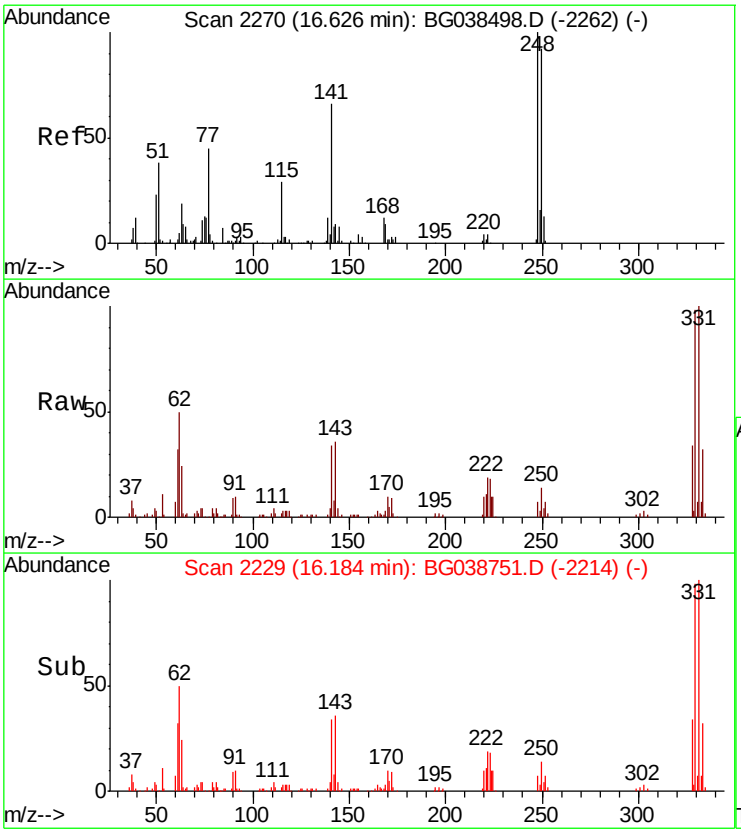
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:188 Resp: 163252

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	6.2	6.1	9.1

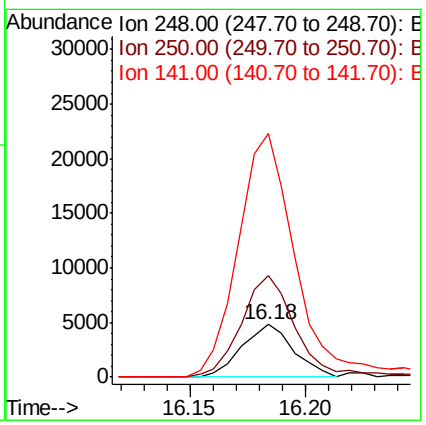


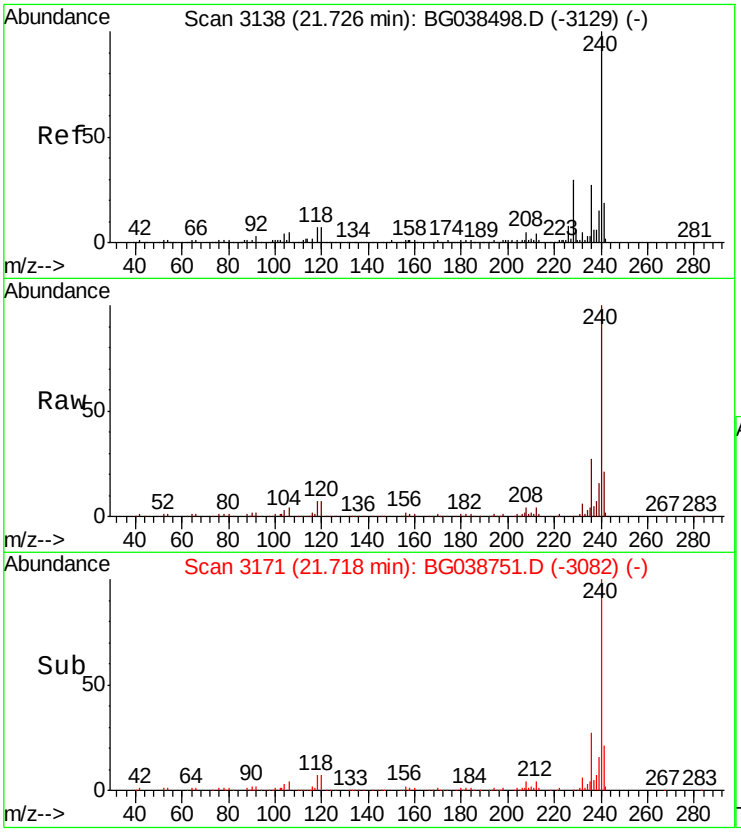


#67
4-Bromophenyl-phenylether
Concen: 3.744 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:248 Resp: 7465

Ion	Ratio	Lower	Upper
248	100		
250	180.6	73.4	110.2#
141	340.3	52.9	79.3#



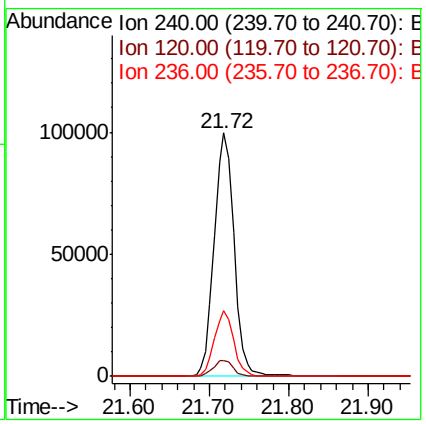


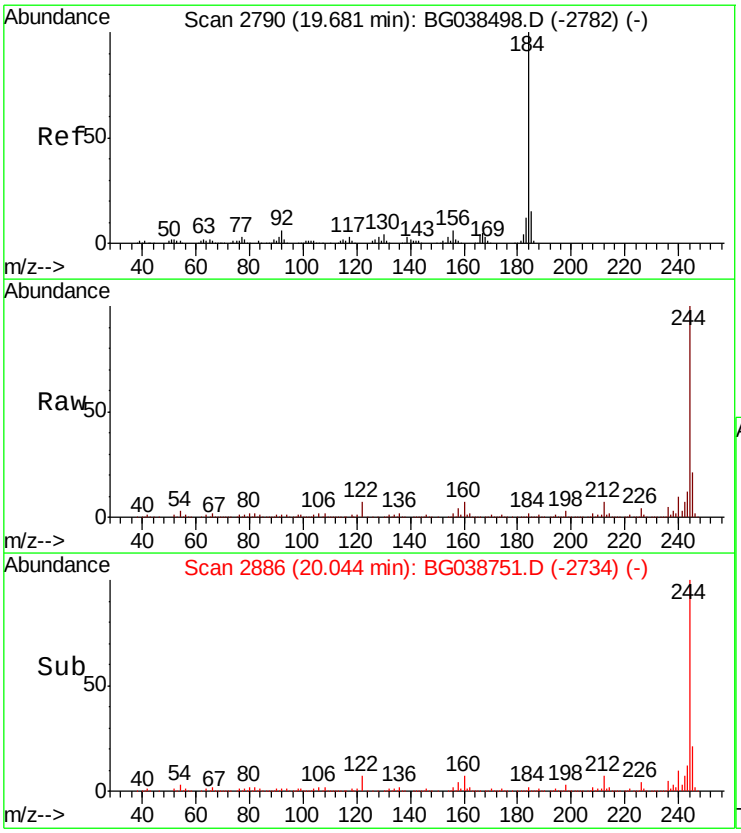
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:240 Resp: 174083

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	26.8	21.4	32.2

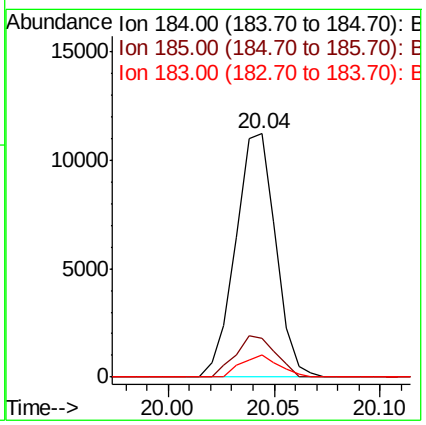


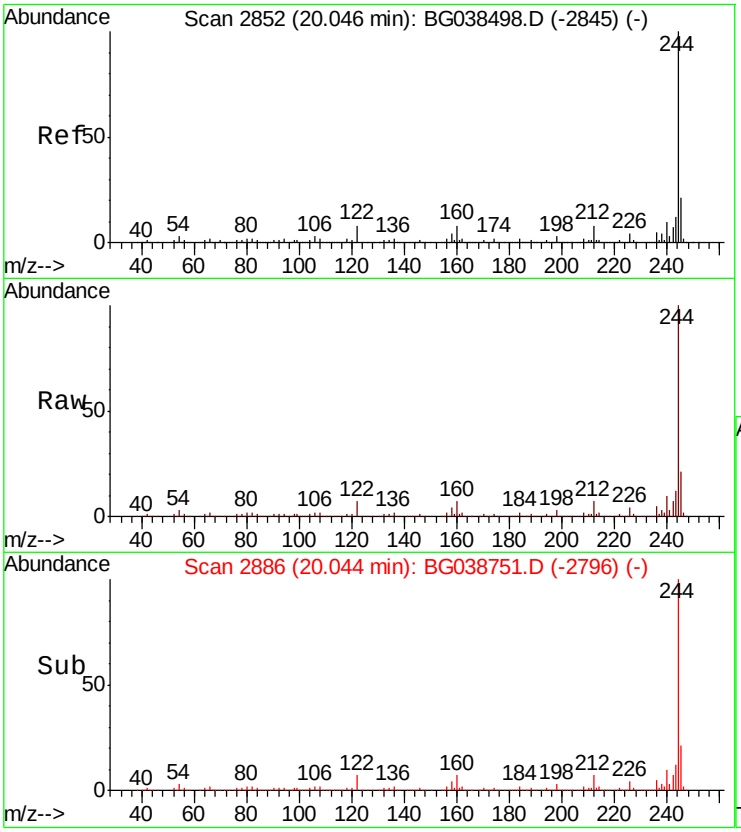


#77
Benzidine
Concen: 2.865 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:184 Resp: 14752

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.2	18.2
183	9.2	9.6	14.4#



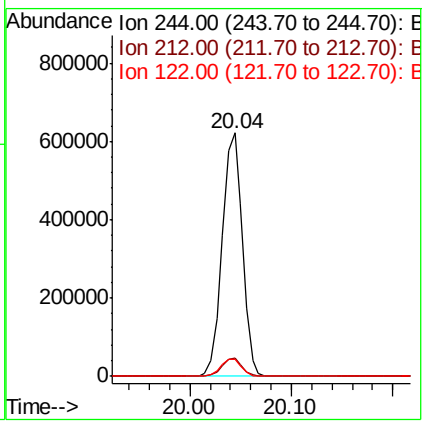


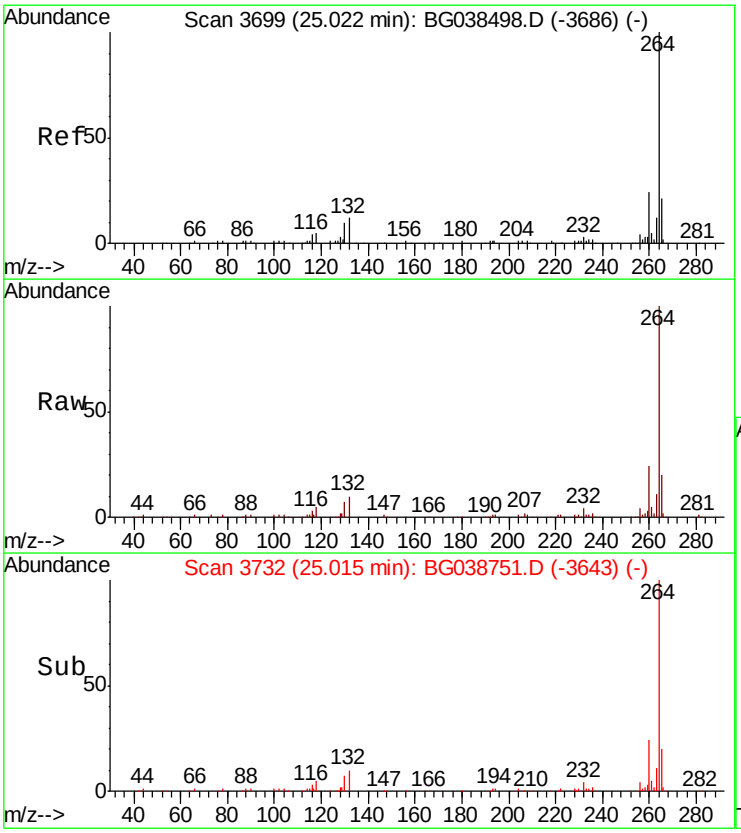
#79
Terphenyl-d14
Concen: 107.210 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tgt Ion:244 Resp: 857567

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	6.9	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:264 Resp: 178611

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	20.2	17.0	25.4