Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037758.D
Acq On : 2 Nov 2018 17:21
Operator : JU/SJ
Sample : J5776-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 03 02:28:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59203	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	261942	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	171269	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	377922	20.00	ng		0.00
76) Chrysene-d12	21.77	240	333902	20.00	ng		0.00
87) Perylene-d12	25.10	264	291717	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	501404	141.59	ng		0.00
7) Phenol-d6	7.24	99	750709	140.20	ng		0.00
23) Nitrobenzene-d5	9.27	82	453287	96.94	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	266946	142.90	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1115355	98.20	ng		-0.02
79) Terphenyl-d14	20.08	244	1490175	95.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	43855	7.762	ng		96
19) n-Nitroso-di-n-propylamine	9.27	70	58459	15.854	ng	#	70
50) Dimethylphthalate	14.17	163	175673	13.259	ng		99
57) 2,4-Dinitrotoluene	14.73	165	22036	5.727	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.22	198	922	8.890	ng		73
67) 4-Bromophenyl-phenylether	16.22	248	19978	4.814	ng	#	1
77) Benzidine	20.08	184	23817	2.098	ng	#	95

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

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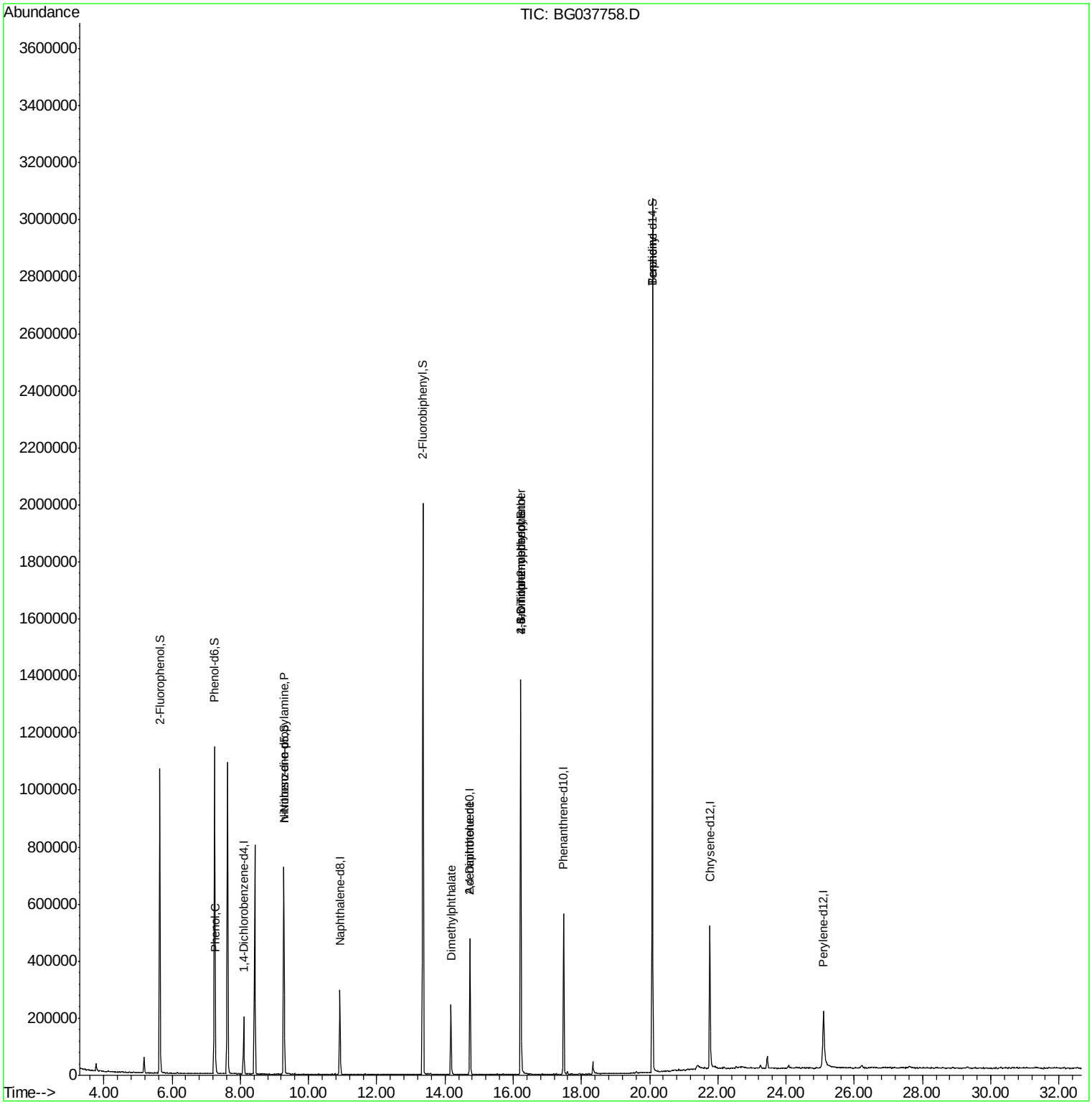
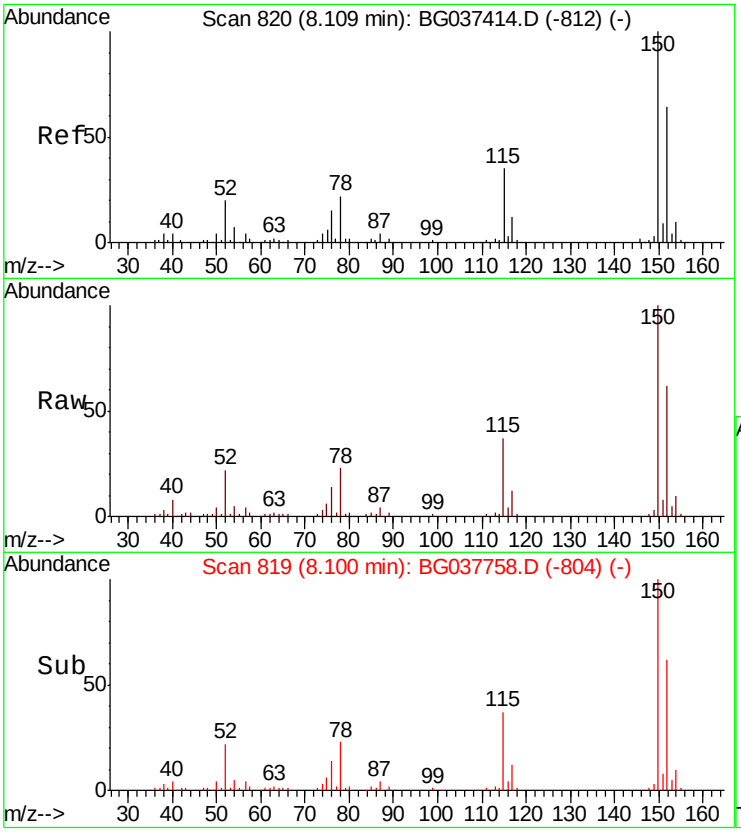


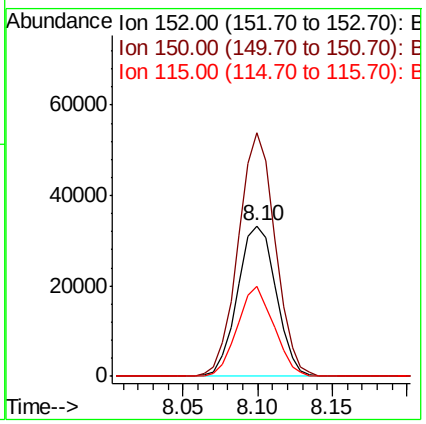


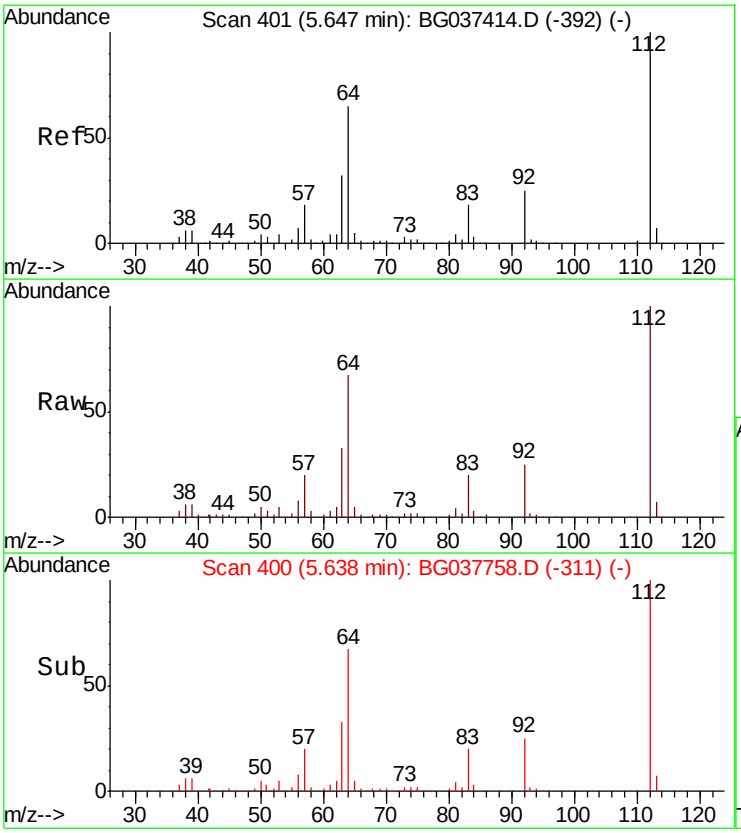
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59203

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.0	189.0
115	60.0	45.5	68.3

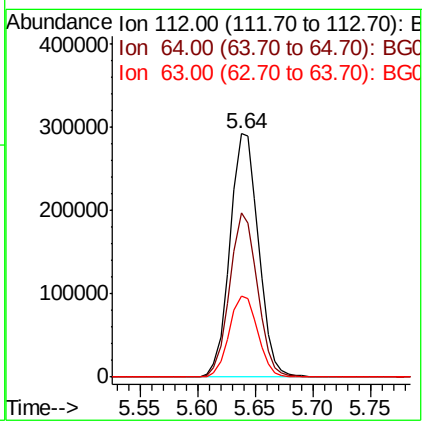


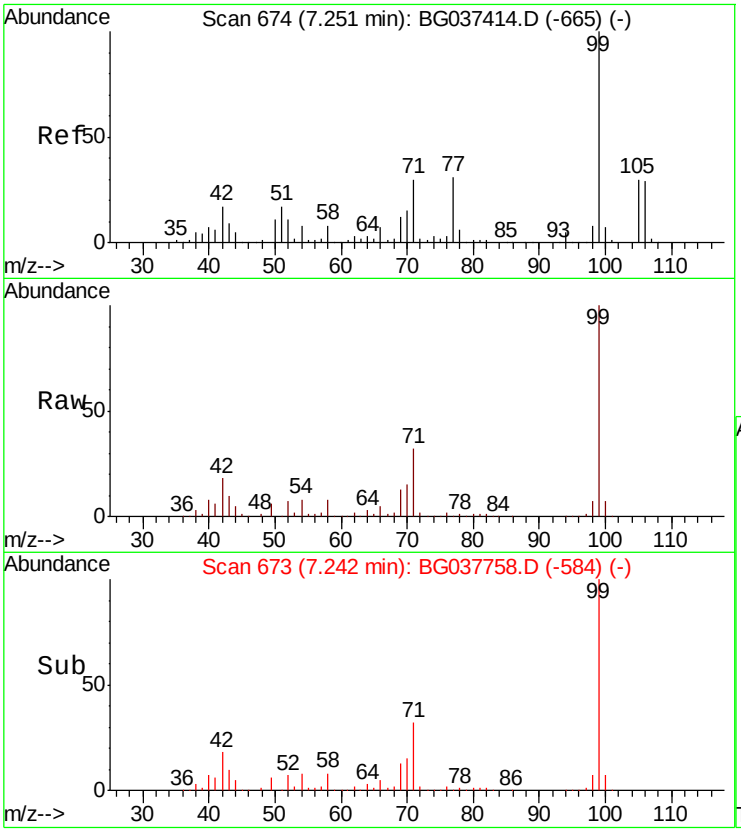


#5
2-Fluorophenol
Concen: 141.593 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:112 Resp: 501404

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.1	79.7
63	33.2	27.3	40.9



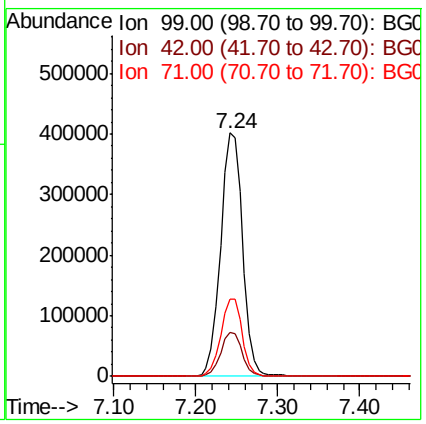


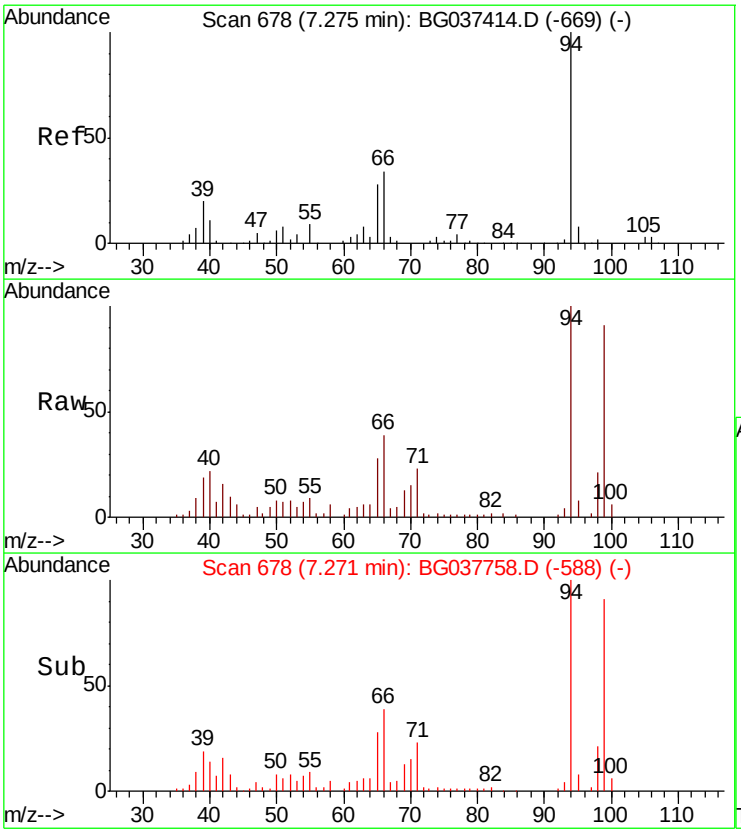
#7
Phenol-d6
Concen: 140.197 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 750709

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	31.5	25.5	38.3

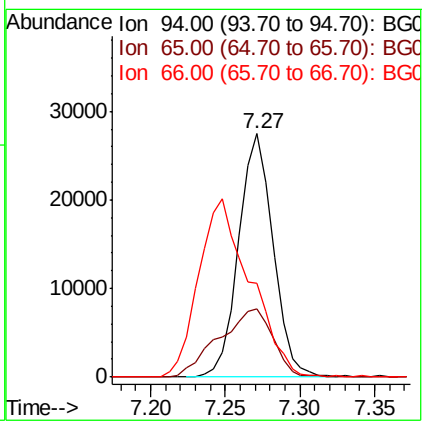


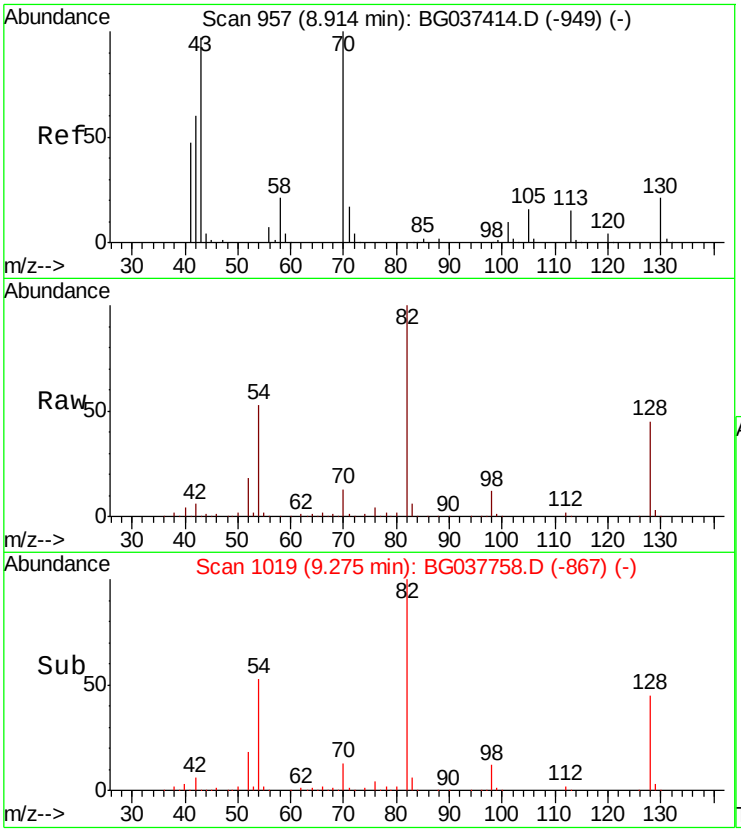


#10
Phenol
Concen: 7.762 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion: 94 Resp: 43855

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.7	49.7
66	38.5	15.9	55.9



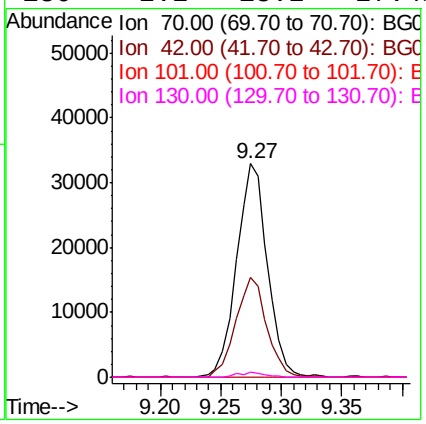


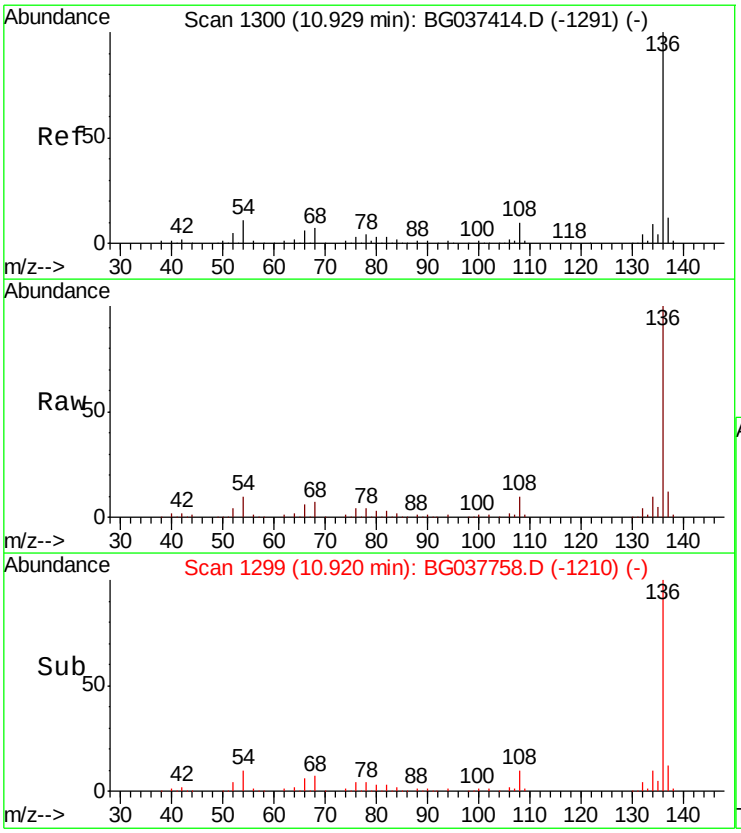
#19
n-Nitroso-di-n-propylamine
Concen: 15.854 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 58459

Ion	Ratio	Lower	Upper
70	100		
42	46.6	53.9	80.9#
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#

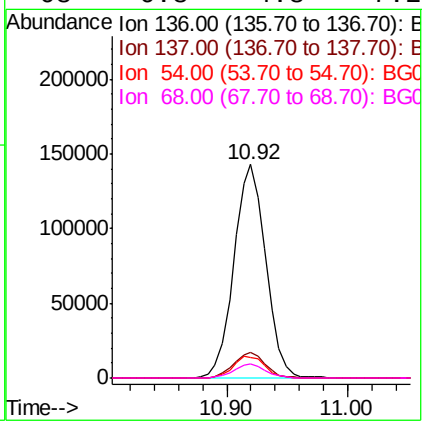


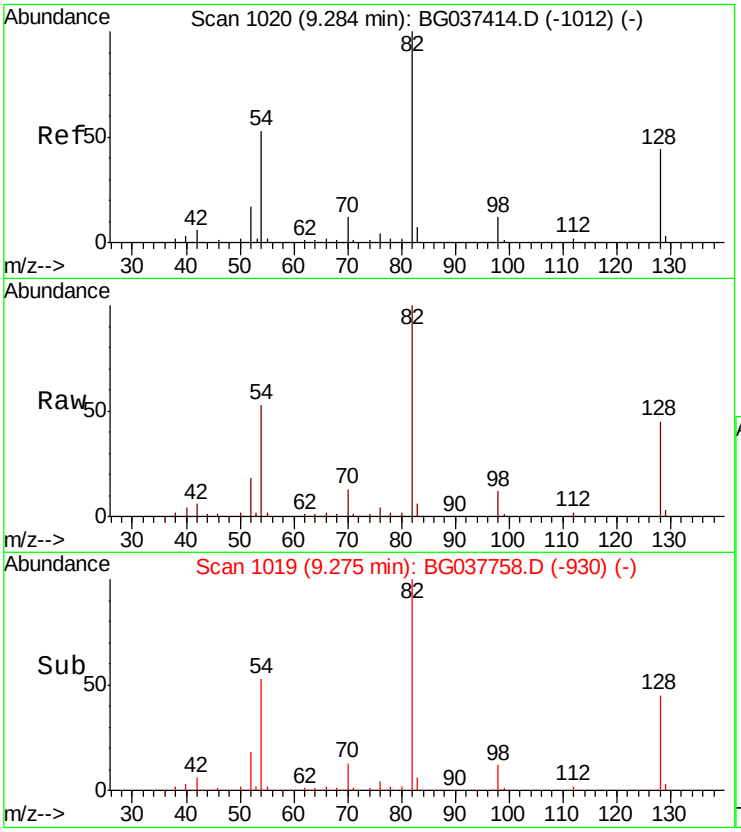


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:136 Resp: 261942

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.5	7.9	11.9
68	6.8	4.8	7.2



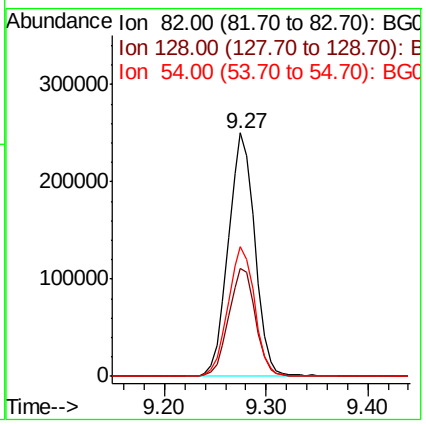


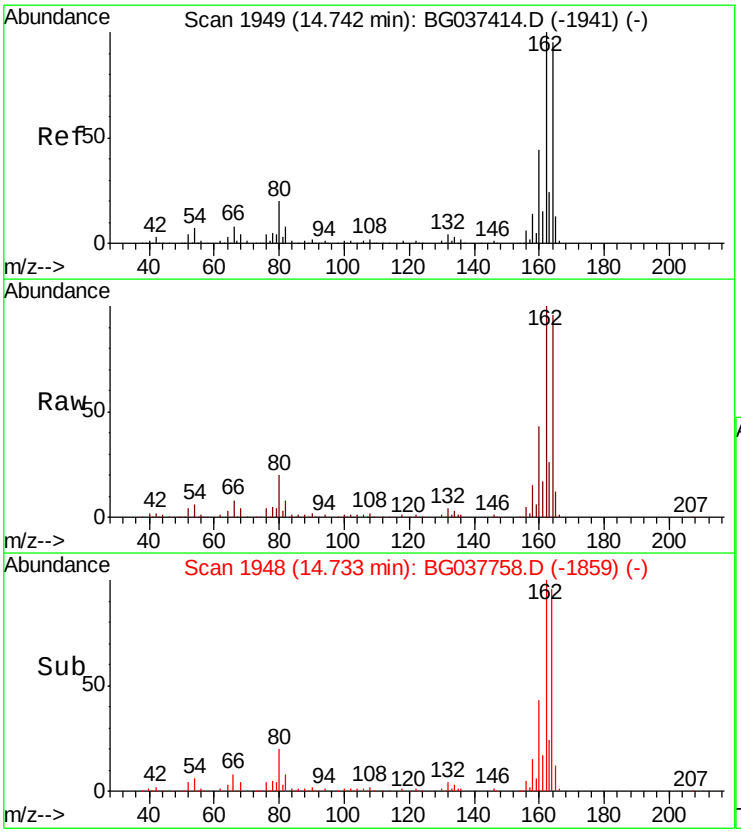
#23
Nitrobenzene-d5
Concen: 96.940 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 453287

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	53.1	45.3	67.9

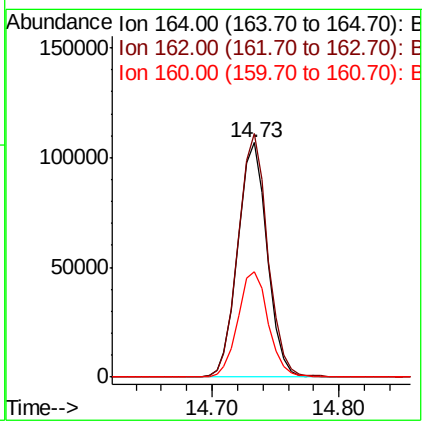


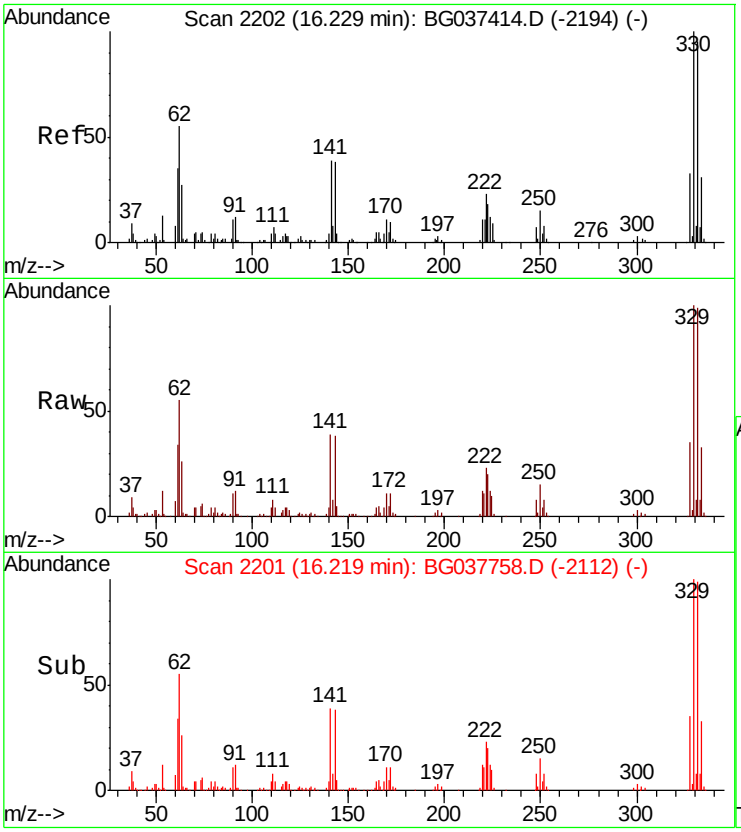


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:164 Resp: 171269

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	44.9	36.3	54.5



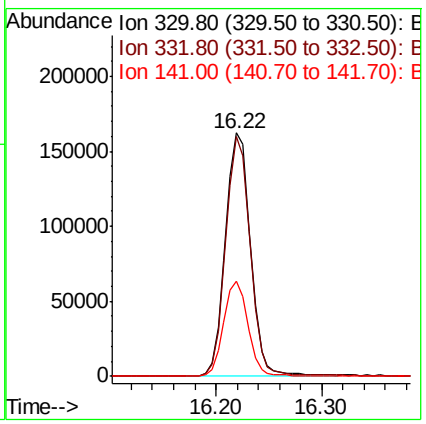


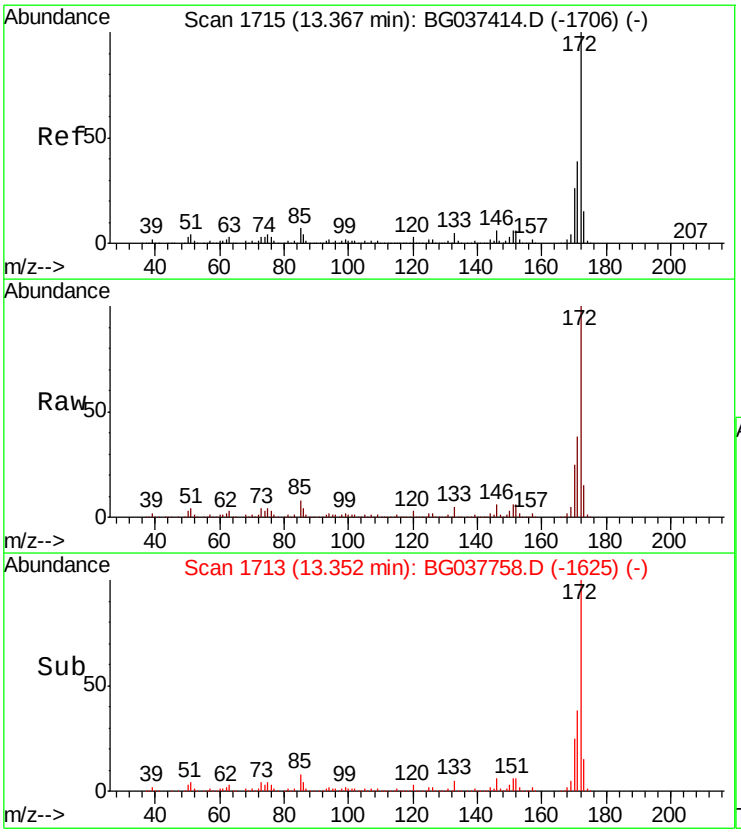
#42
2,4,6-Tribromophenol
Concen: 142.904 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 266946

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	38.3	32.2	48.2

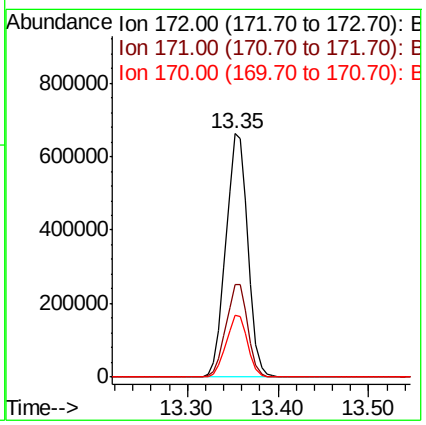


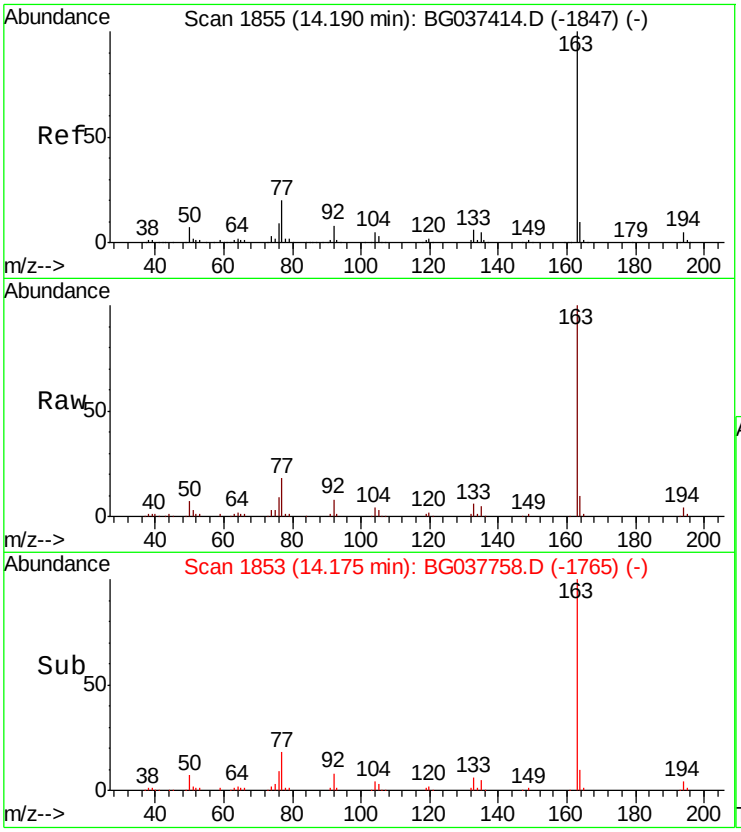


#45
2-Fluorobiphenyl
Concen: 98.202 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:172 Resp: 1115355

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.4	20.2	30.2



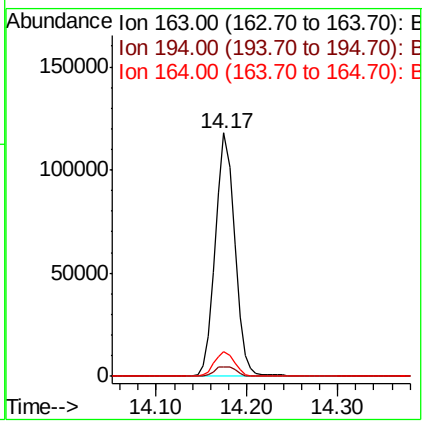


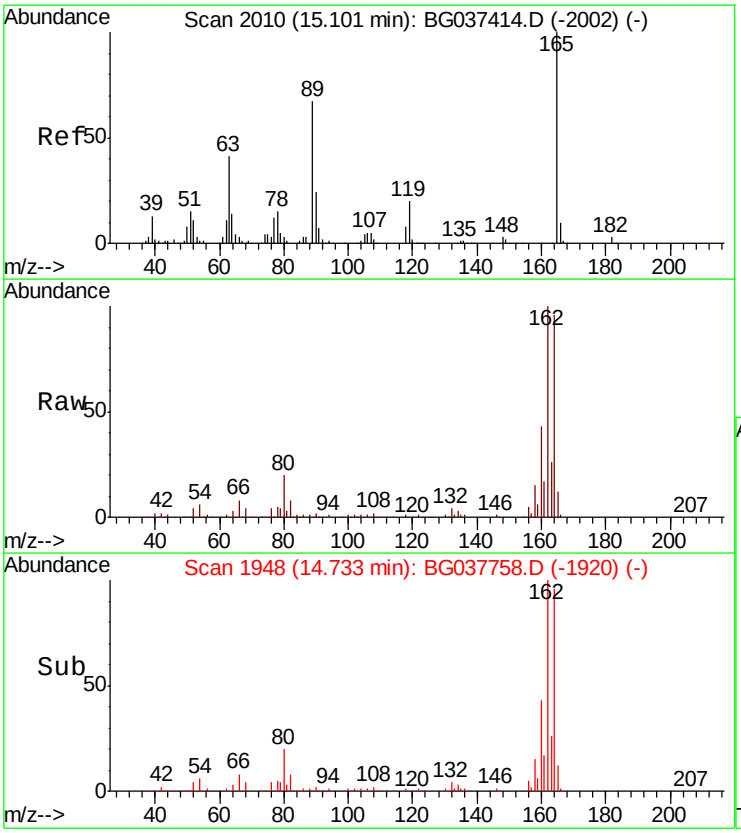
#50
Dimethylphthalate
Concen: 13.259 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 175673

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.0	8.5	12.7

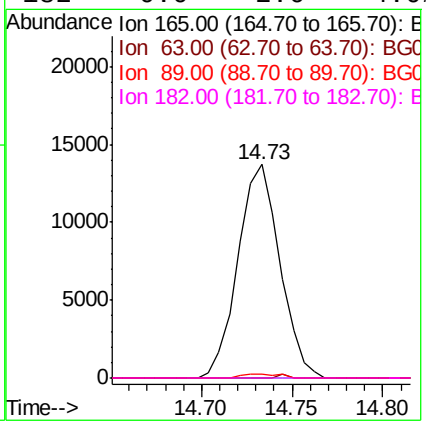


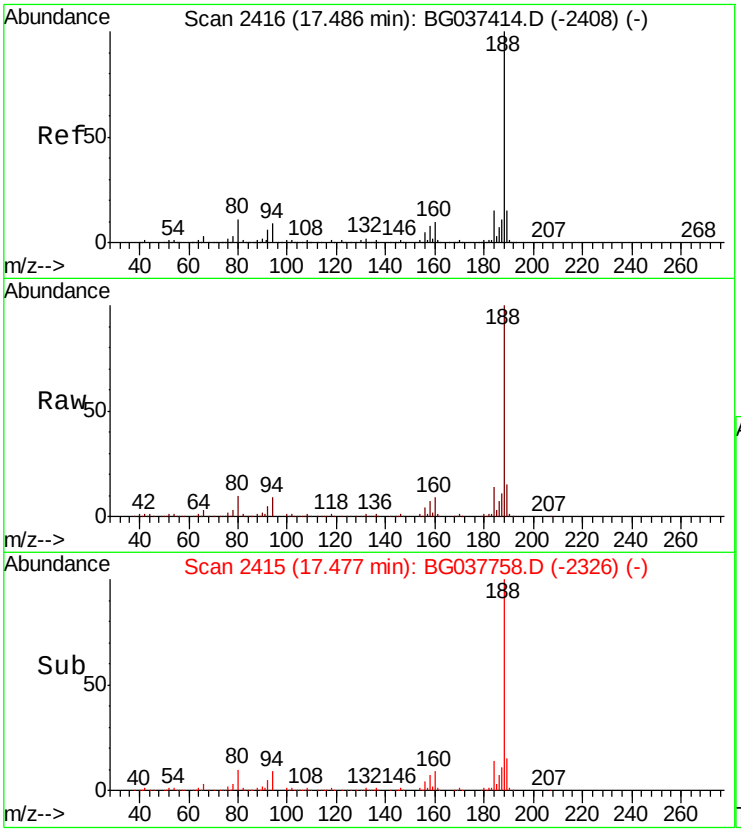


#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:165 Resp: 22036

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



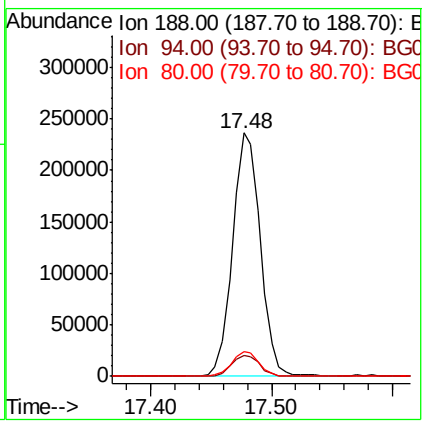


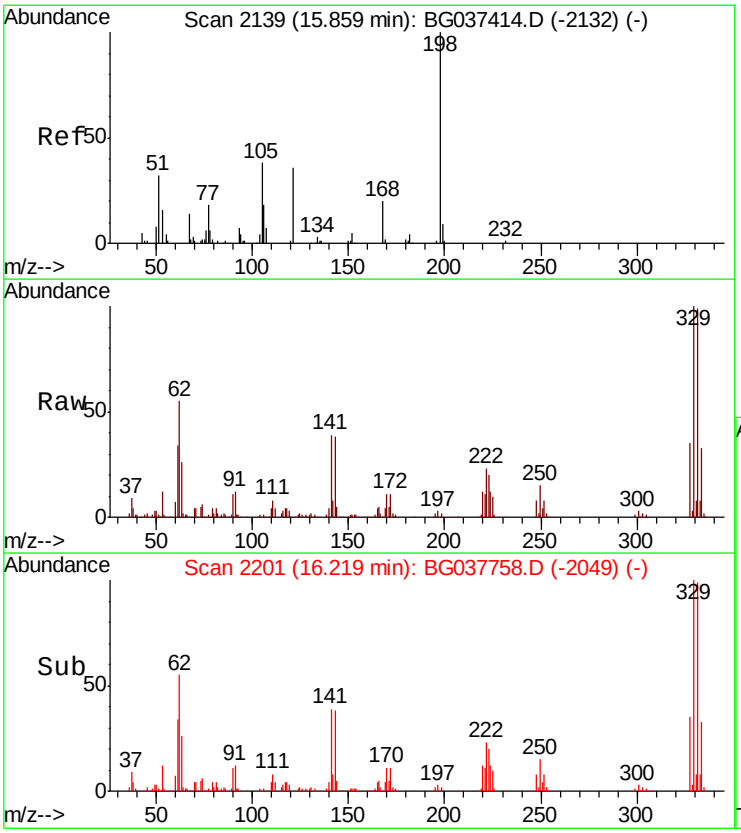
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 377922

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.2	7.7	11.5

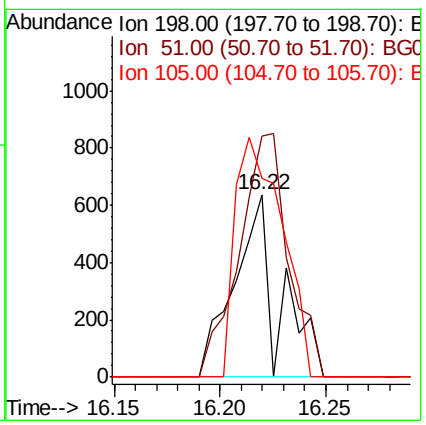


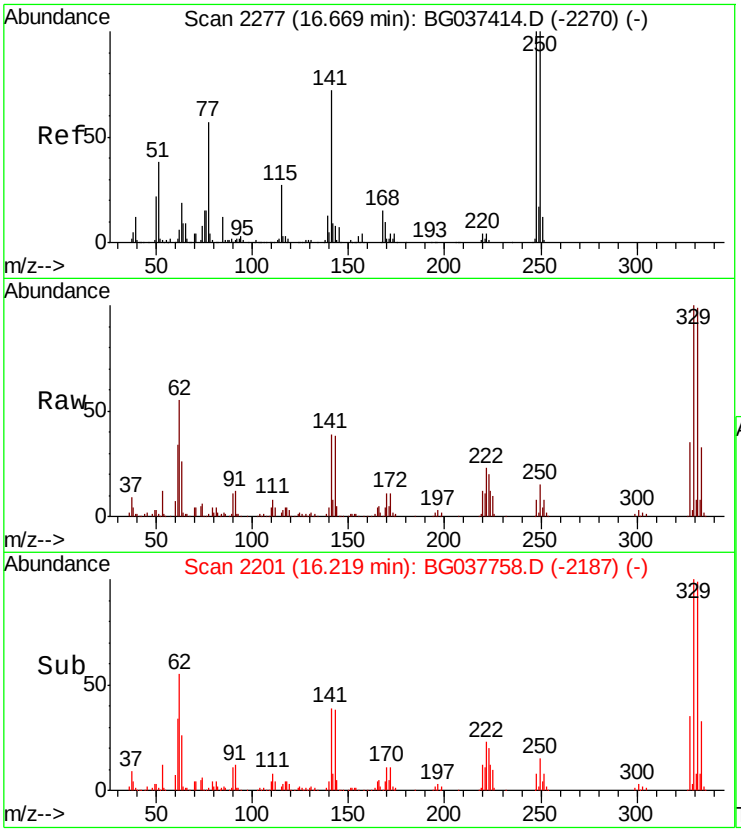


#65
4,6-Dinitro-2-methylphenol
Concen: 8.890 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:198 Resp: 922

Ion	Ratio	Lower	Upper
198	100		
51	26.3	22.7	62.7
105	21.7	19.7	59.7



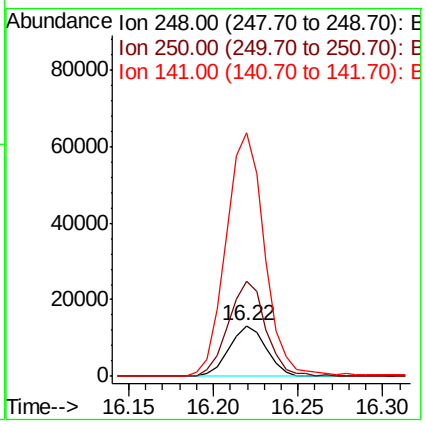


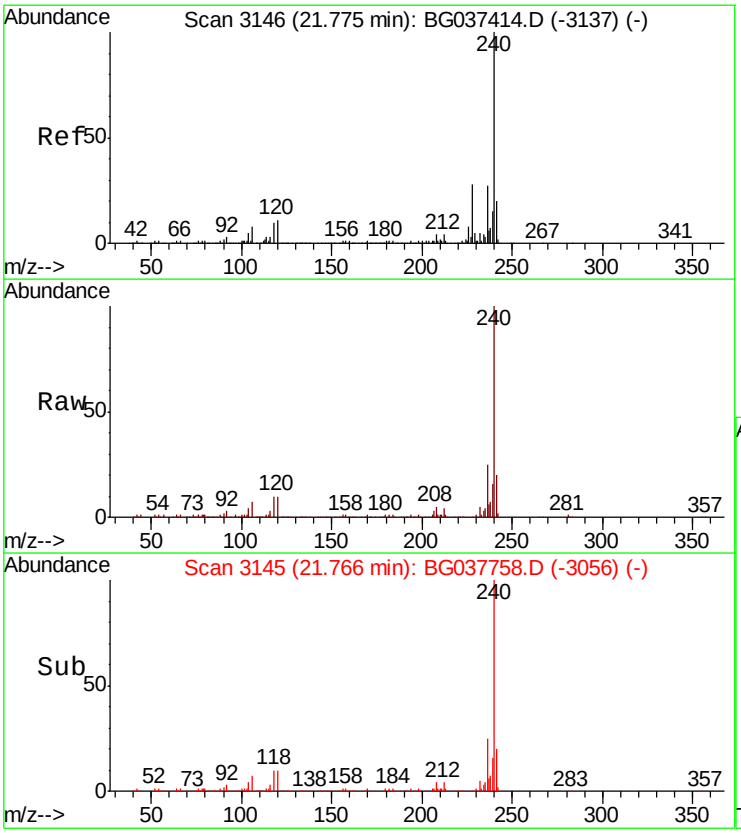
#67
4-Bromophenyl-phenylether
Concen: 4.814 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19978

Ion	Ratio	Lower	Upper
248	100		
250	186.2	77.0	115.6#
141	372.2	55.5	83.3#

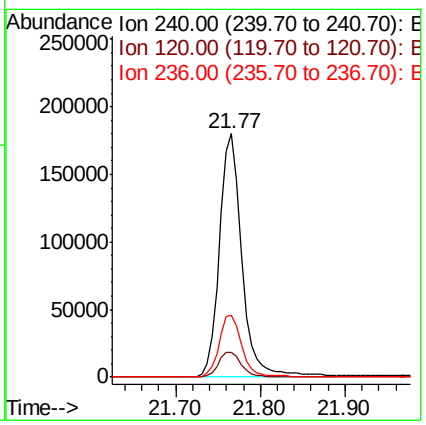


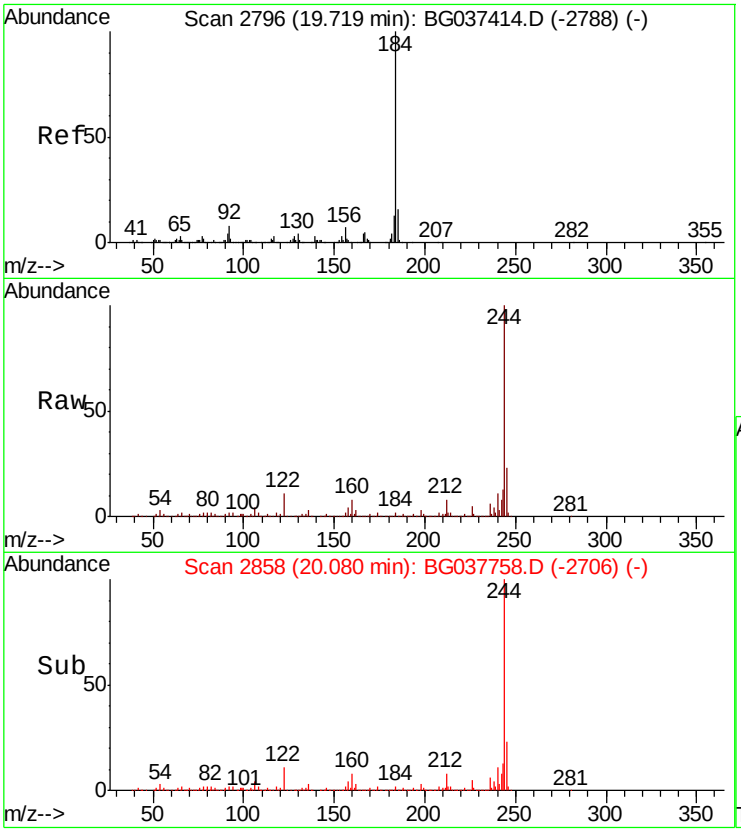


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:240 Resp: 333902

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.4	21.4	32.0



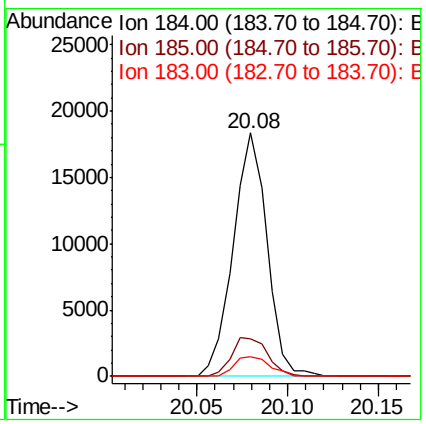


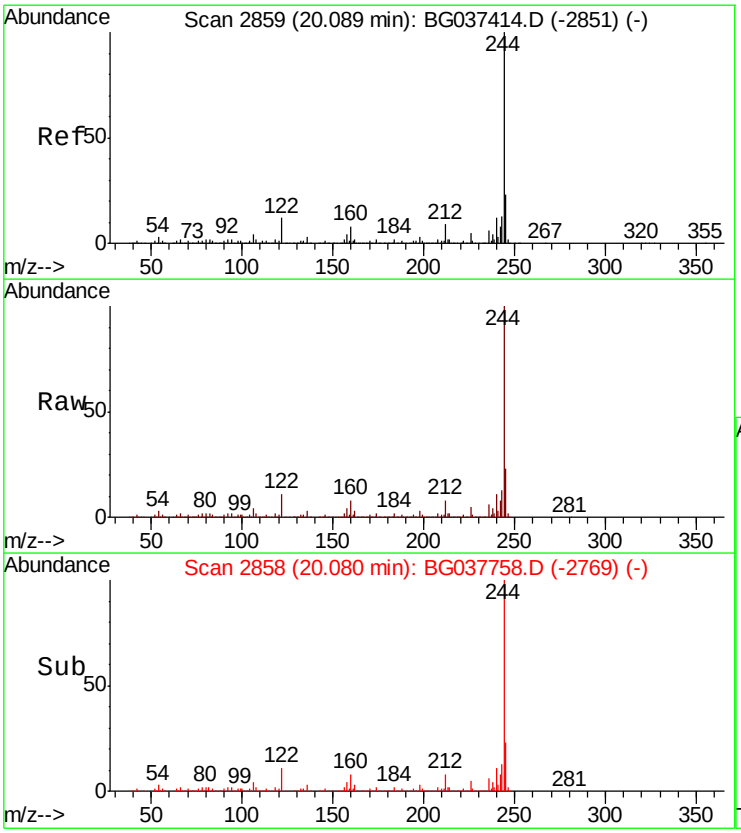
#77
Benzidine
Concen: 2.098 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 23817

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	8.3	10.2	15.2#

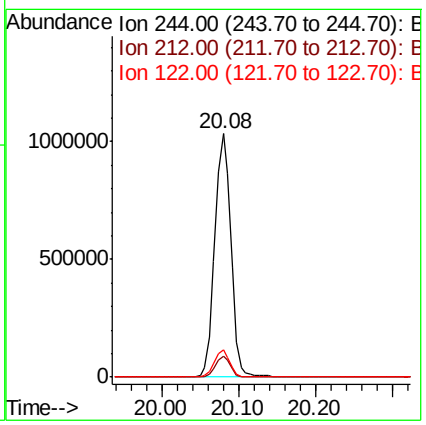


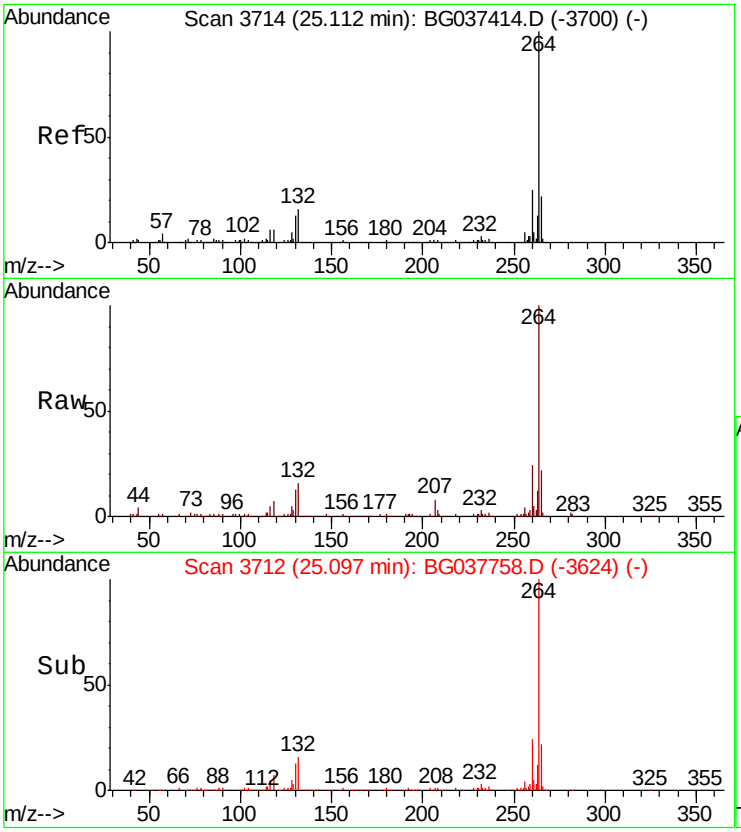


#79
Terphenyl-d14
Concen: 95.362 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Tgt Ion:244 Resp: 1490175

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037758.D
Acq: 2 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 291717

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.2	17.9	26.9