Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037711.D
Acq On : 1 Nov 2018 9:59
Operator : JU/SJ
Sample : J5731-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 11:24:26 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	49275	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	218954	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	151632	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	360266	20.00	ng		0.00
76) Chrysene-d12	21.77	240	327777	20.00	ng		0.00
87) Perylene-d12	25.10	264	295932	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	138667	47.05	ng		0.00
7) Phenol-d6	7.24	99	127514	28.61	ng		0.00
23) Nitrobenzene-d5	9.27	82	407363	104.22	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	149788	90.57	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	982409	97.70	ng		0.00
79) Terphenyl-d14	20.08	244	1402376	91.42	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	27636	5.877	ng		95
19) n-Nitroso-di-n-propylamine	9.27	70	50531	16.465	ng	#	70
50) Dimethylphthalate	14.18	163	31192	2.659	ng		99
51) 2,6-Dinitrotoluene	14.73	165	19628	7.564	ng	#	26
57) 2,4-Dinitrotoluene	14.73	165	19628	5.762	ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.22	198	392	8.678	ng		81
67) 4-Bromophenyl-phenylether	16.22	248	10956	2.769	ng	#	1
77) Benzidine	20.08	184	23073	2.070	ng		95

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

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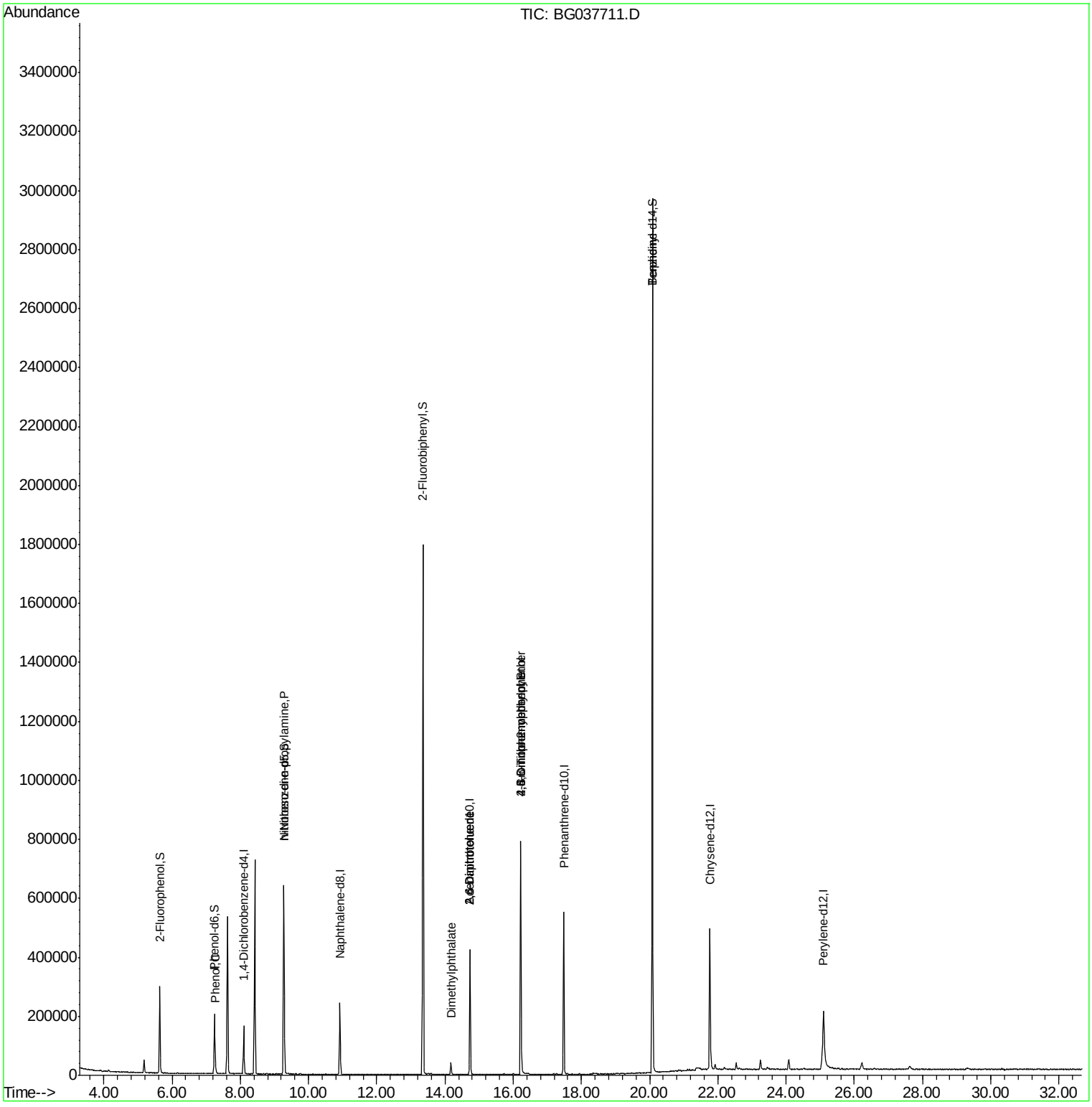
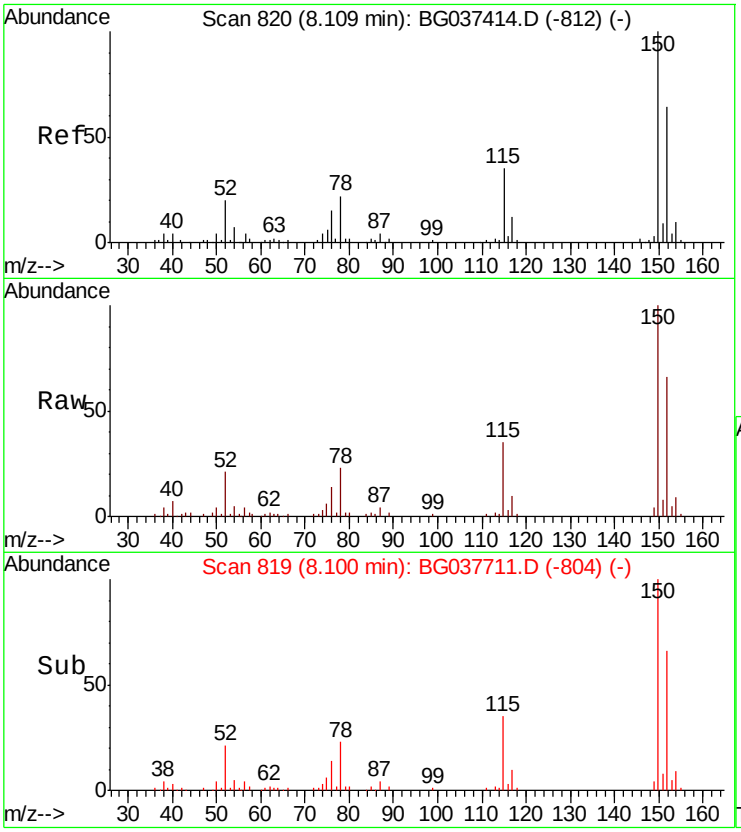
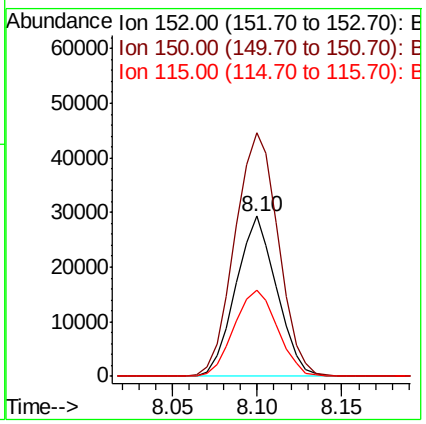




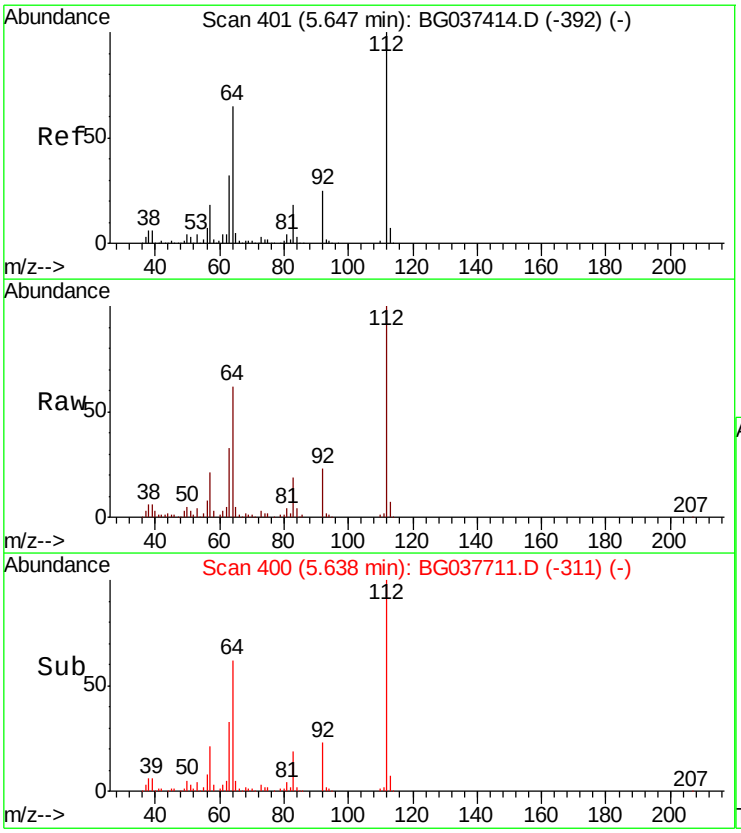
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:152 Resp: 49275

Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.0	189.0
115	53.8	45.5	68.3



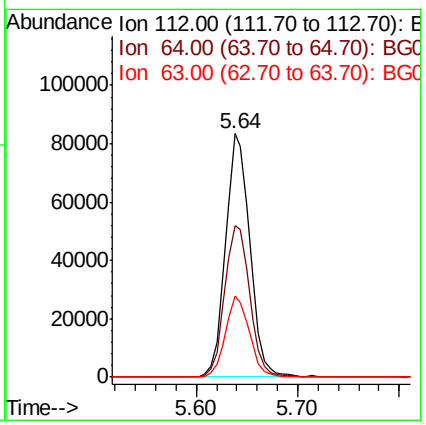
Instrument :
BNA_G
ClientSampleId :

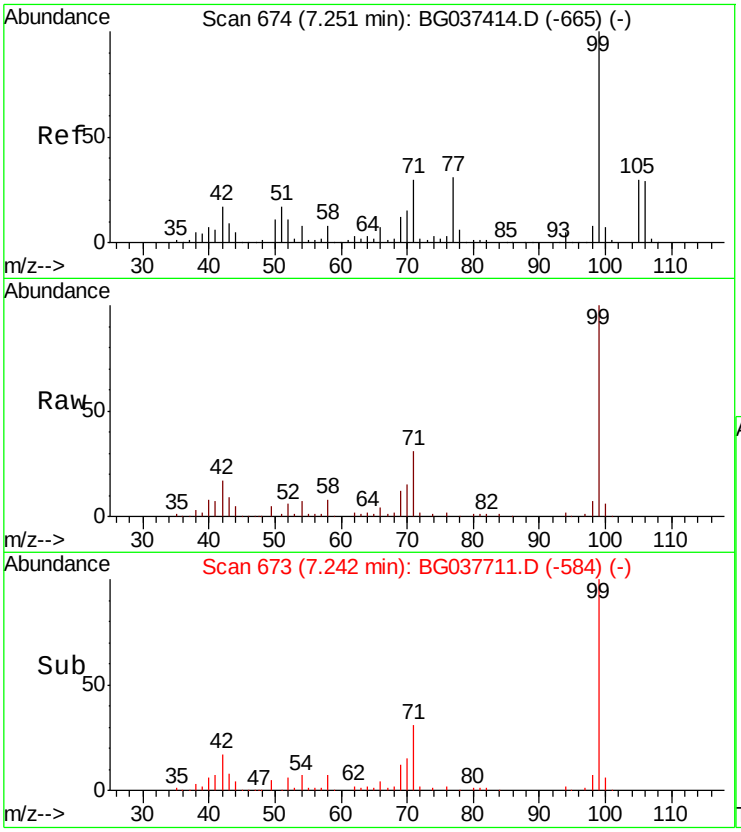


#5
2-Fluorophenol
Concen: 47.048 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:112 Resp: 138667

Ion	Ratio	Lower	Upper
112	100		
64	62.4	53.1	79.7
63	33.1	27.3	40.9



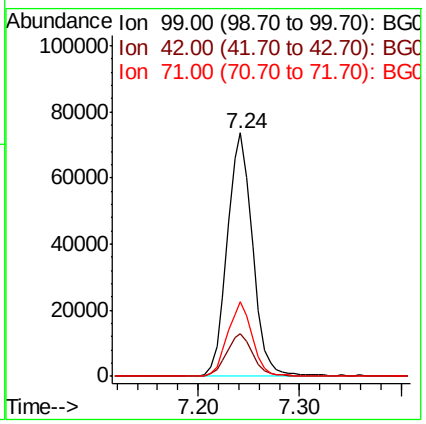


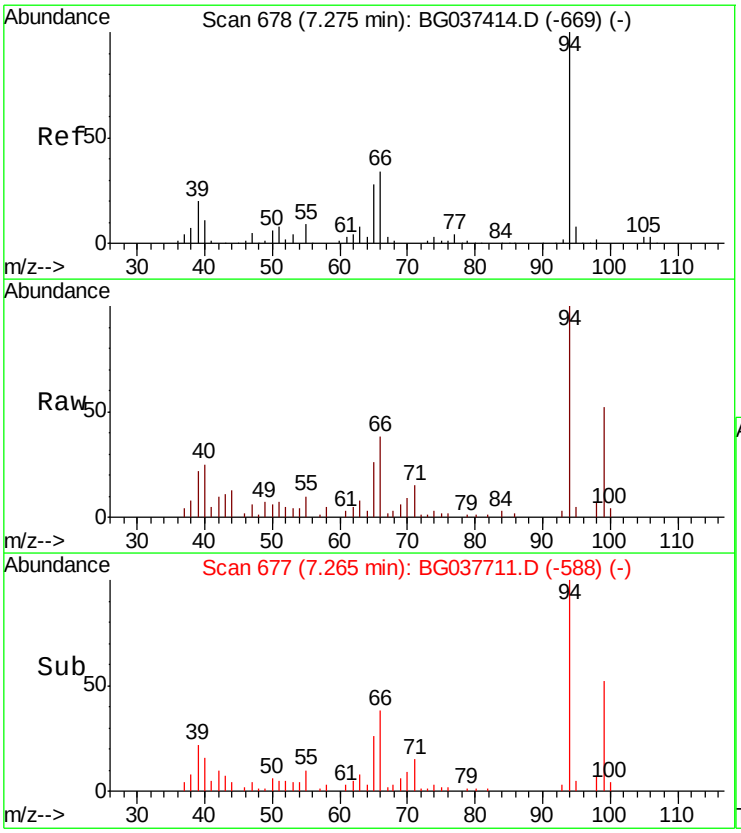
#7
Phenol-d6
Concen: 28.612 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 127514

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	30.8	25.5	38.3

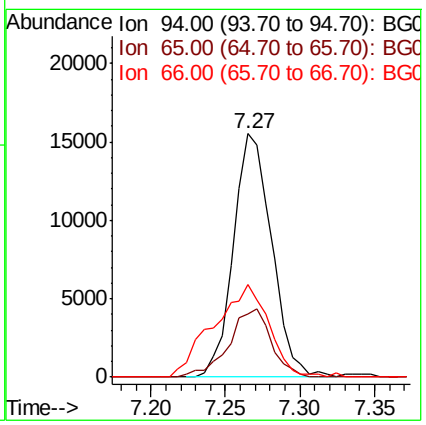


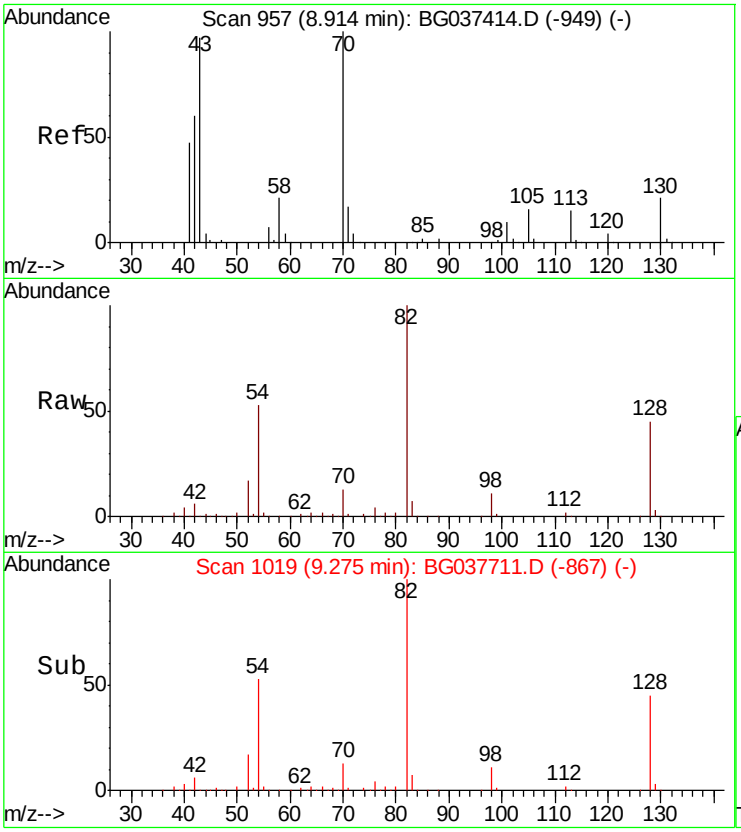


#10
Phenol
Concen: 5.877 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion: 94 Resp: 27636

Ion	Ratio	Lower	Upper
94	100		
65	25.9	9.7	49.7
66	37.9	15.9	55.9



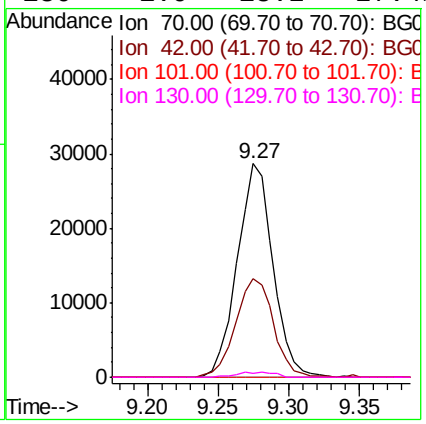


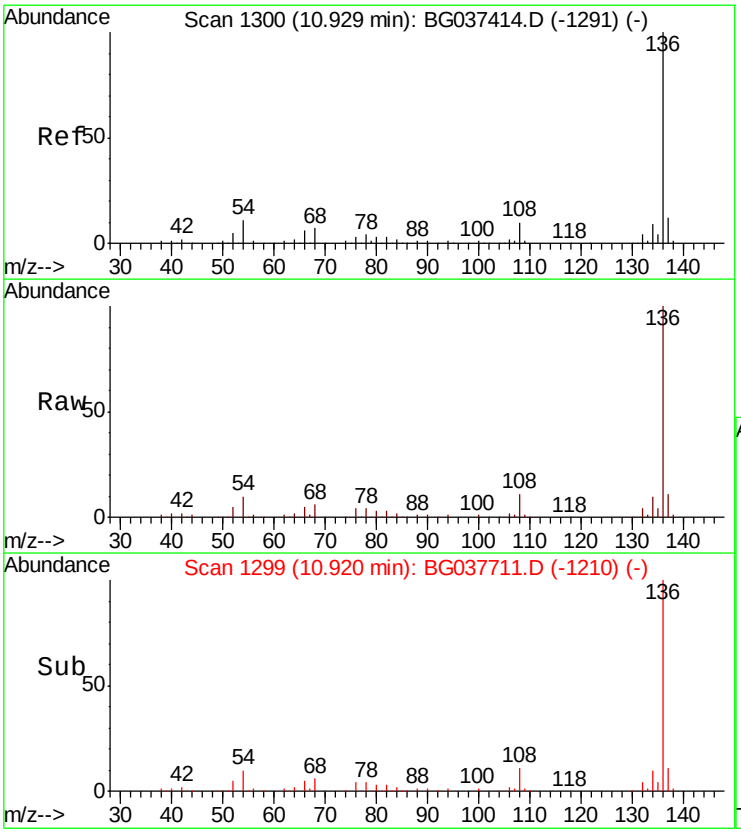
#19
n-Nitroso-di-n-propylamine
Concen: 16.465 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 50531

Ion	Ratio	Lower	Upper
70	100		
42	46.3	53.9	80.9#
101	0.0	8.2	12.2#
130	1.9	18.2	27.4#

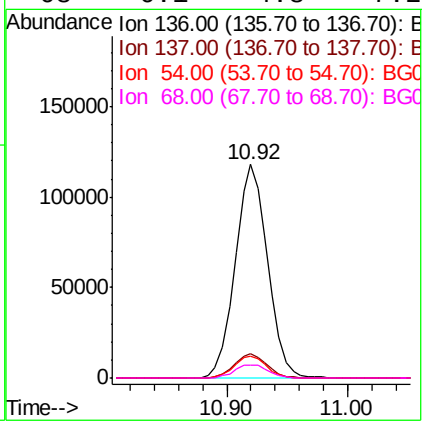


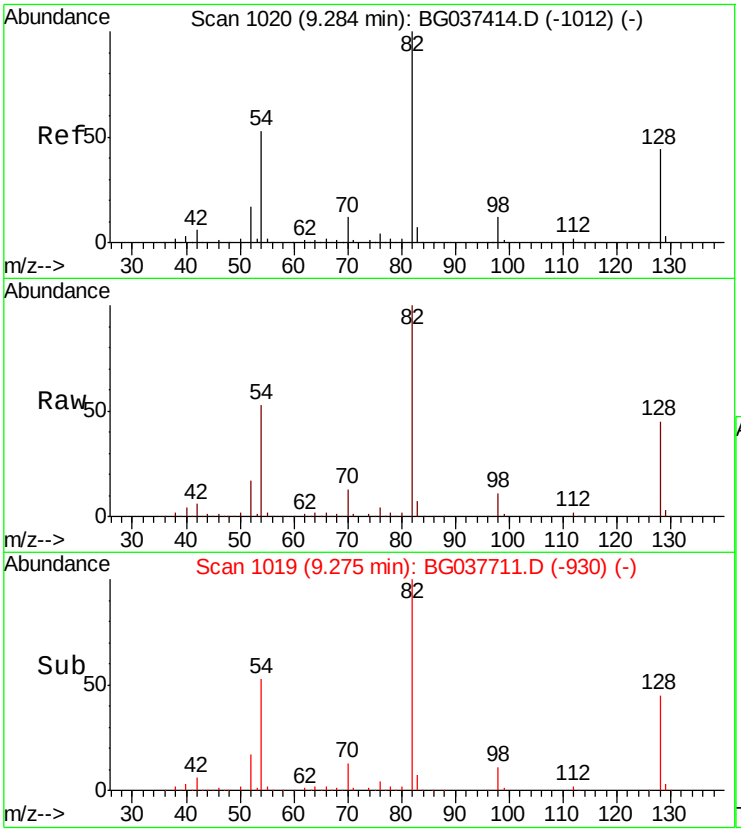


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:136 Resp: 218954

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.0	7.9	11.9
68	6.1	4.8	7.2



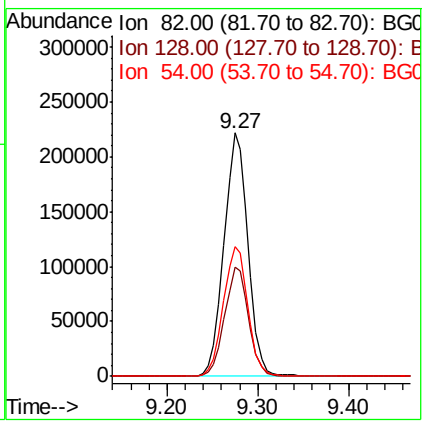


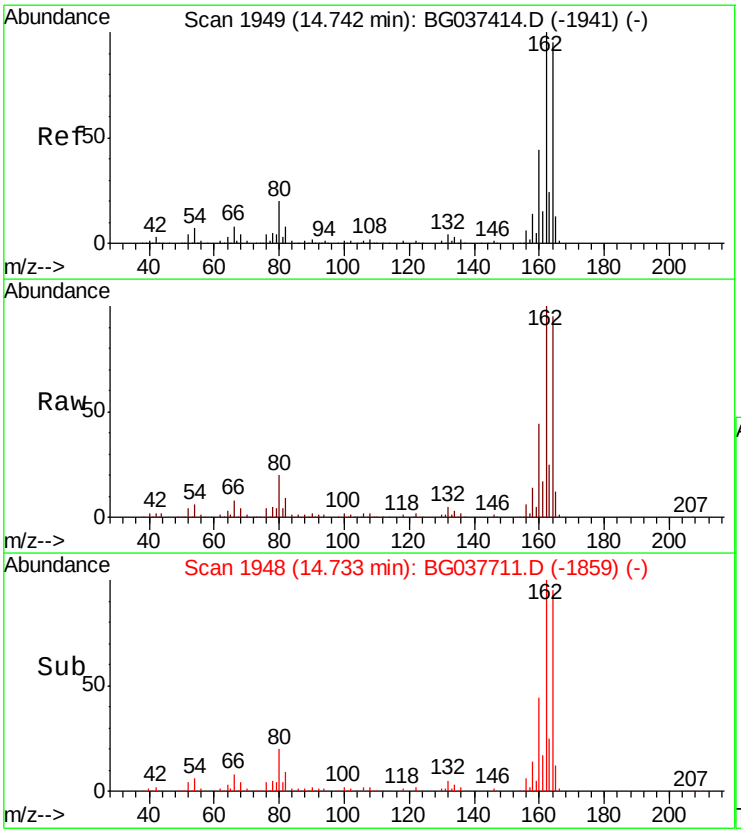
#23
Nitrobenzene-d5
Concen: 104.223 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 407363

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	53.0	45.3	67.9

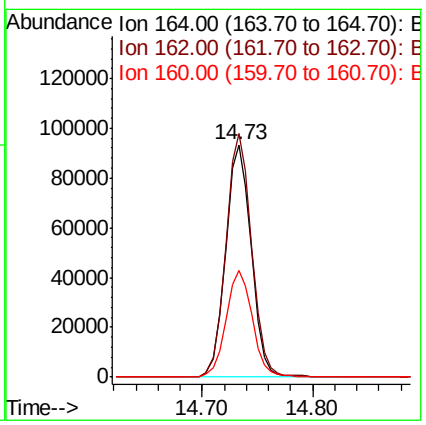


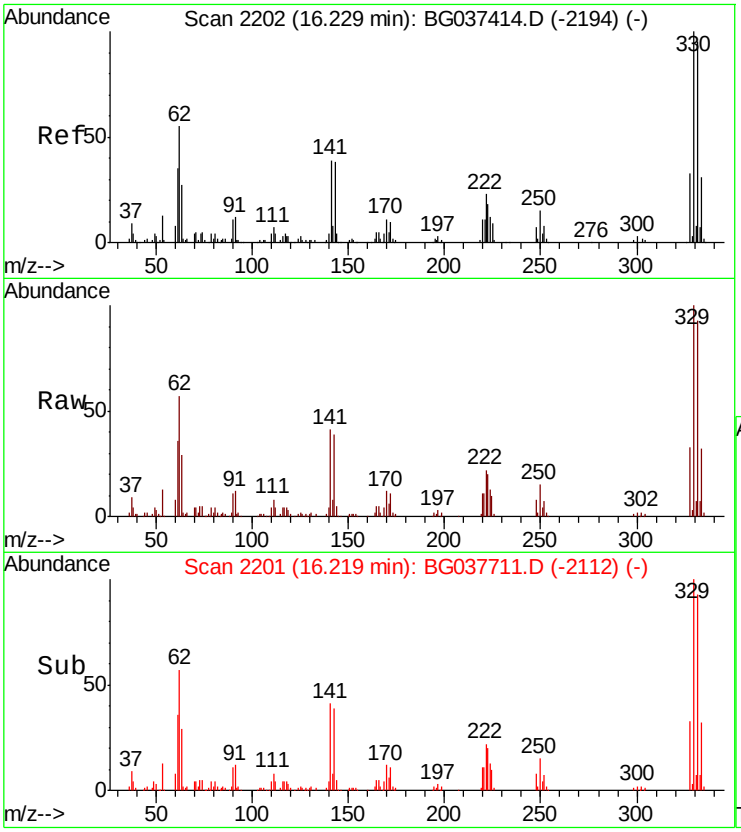


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:164 Resp: 151632

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.3	121.9
160	46.1	36.3	54.5



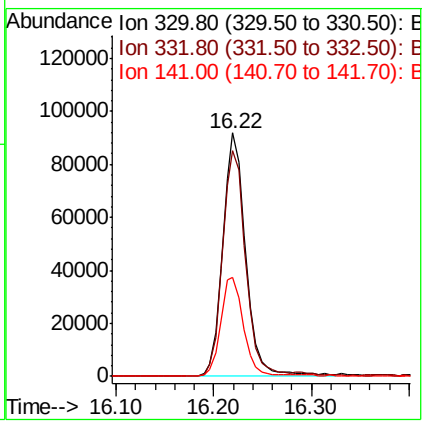


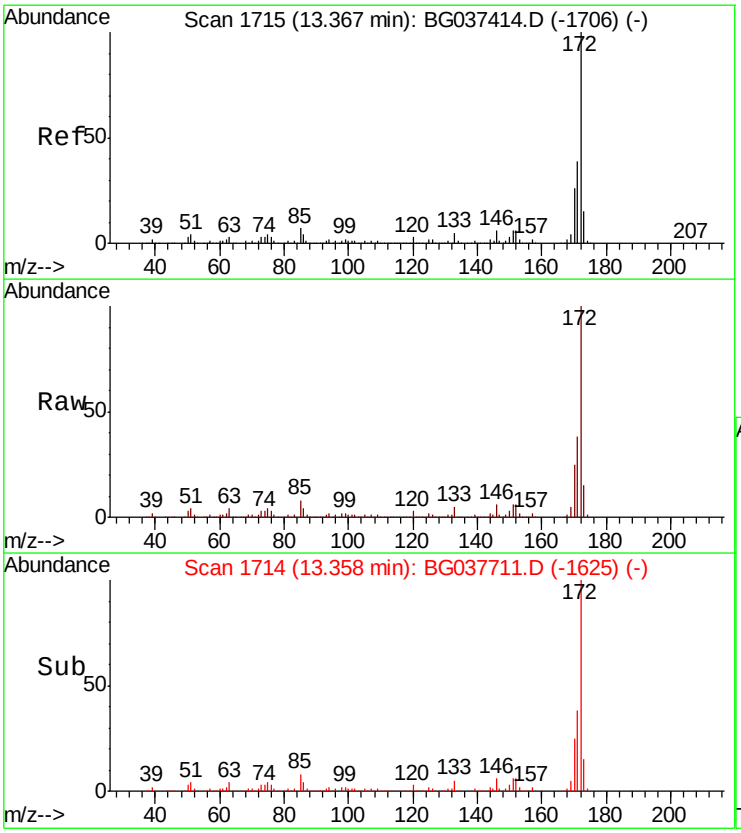
#42
2,4,6-Tribromophenol
Concen: 90.570 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 149788

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	40.7	32.2	48.2

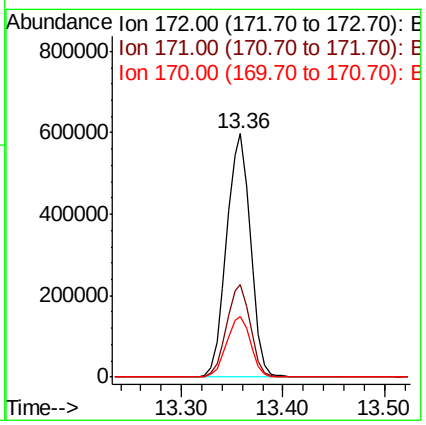


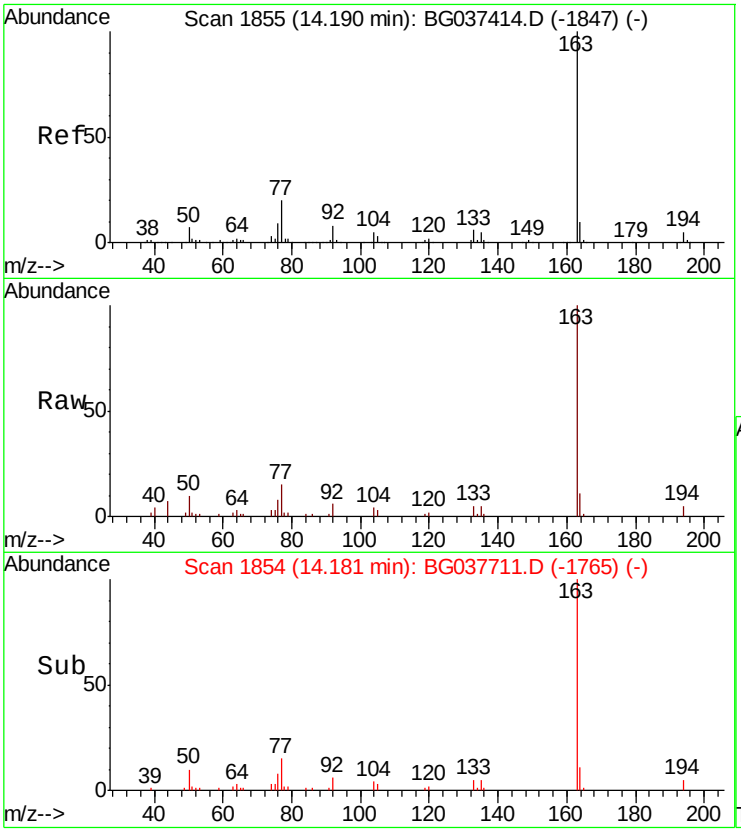


#45
2-Fluorobiphenyl
Concen: 97.698 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:172 Resp: 982409

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.0	20.2	30.2



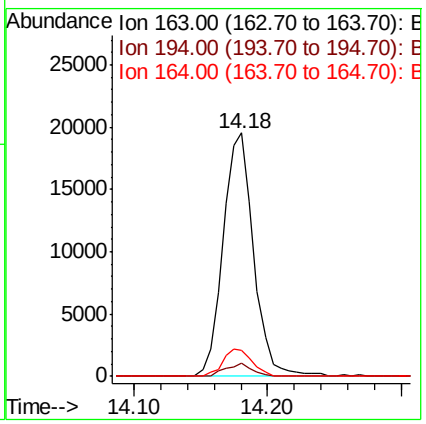


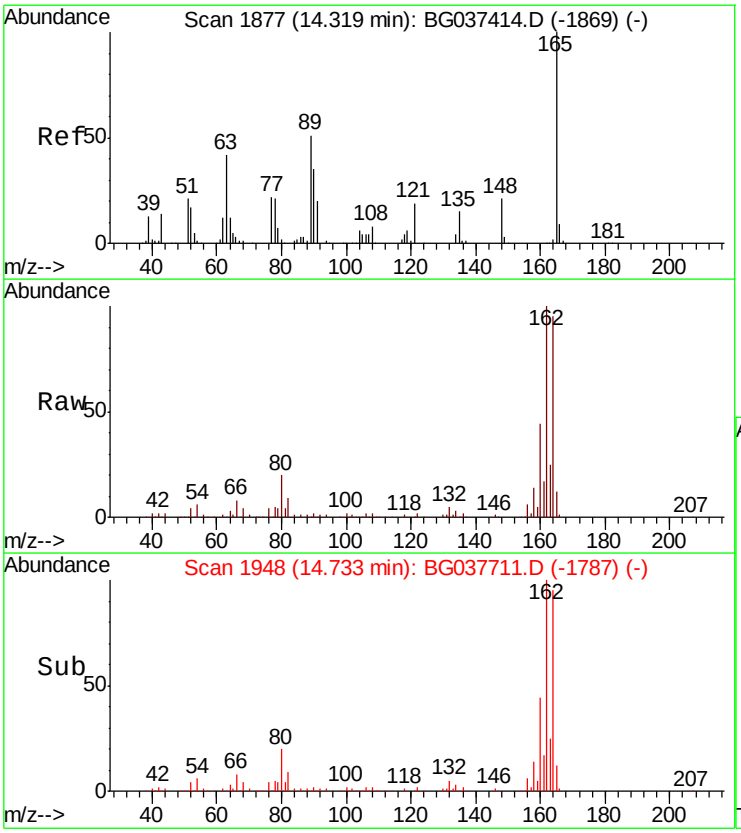
#50
Dimethylphthalate
Concen: 2.659 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 31192

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	10.9	8.5	12.7

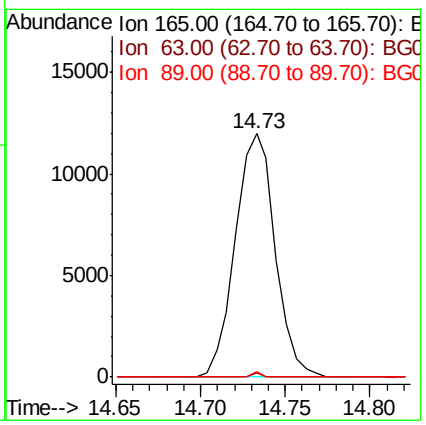


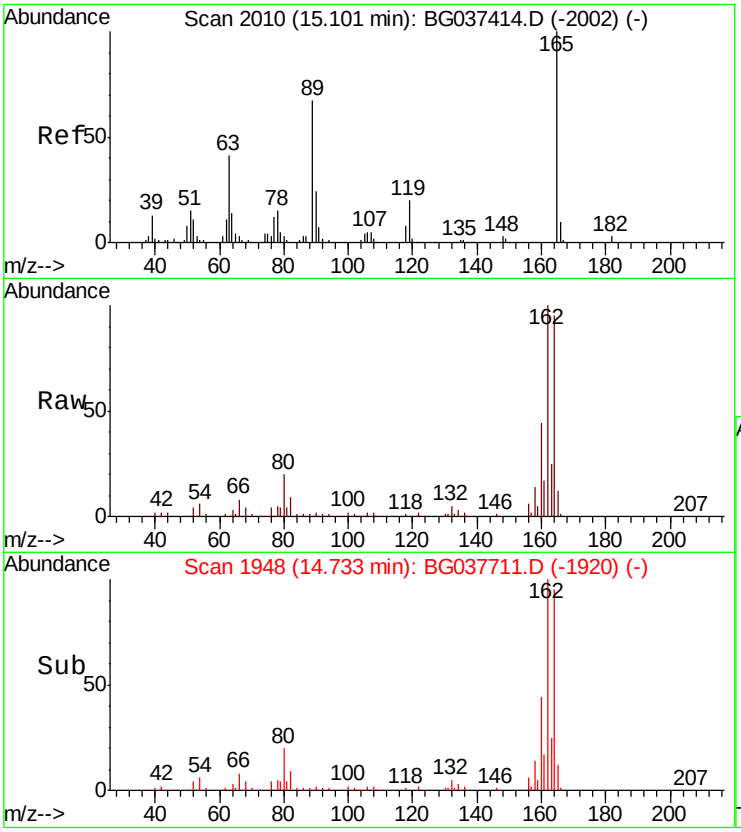


#51
2,6-Dinitrotoluene
Concen: 7.564 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:165 Resp: 19628

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	2.5	45.8	68.6#



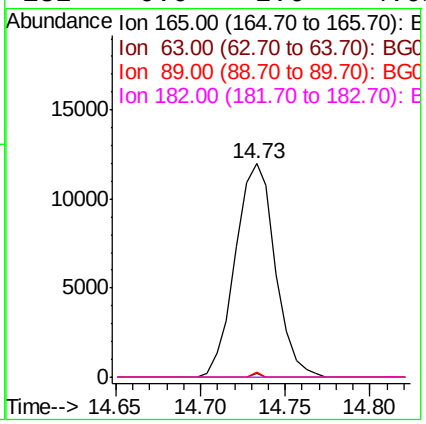


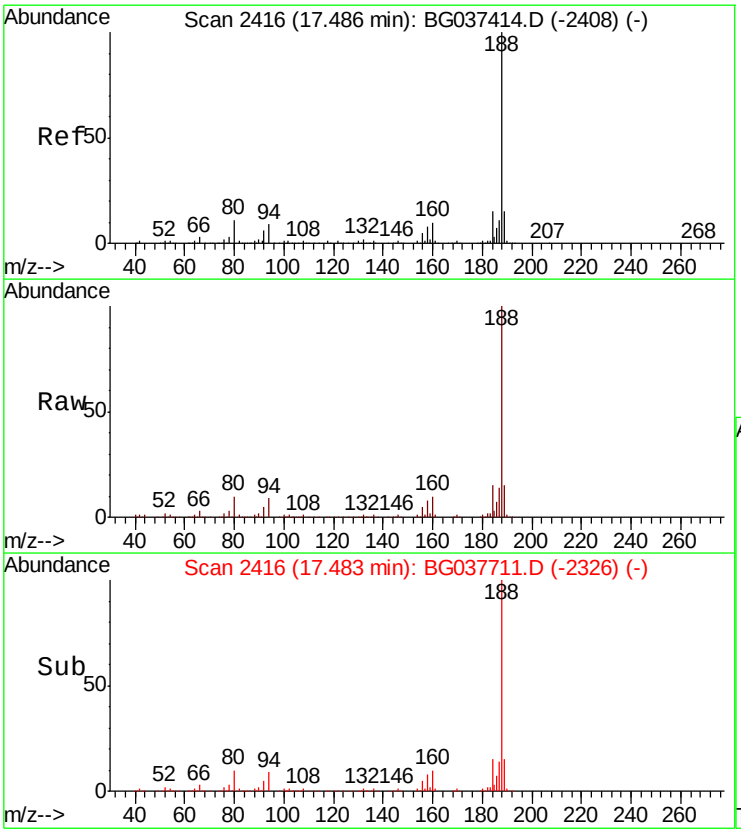
#57
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19628

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	2.5	57.2	85.8#
182	0.0	2.6	4.0#

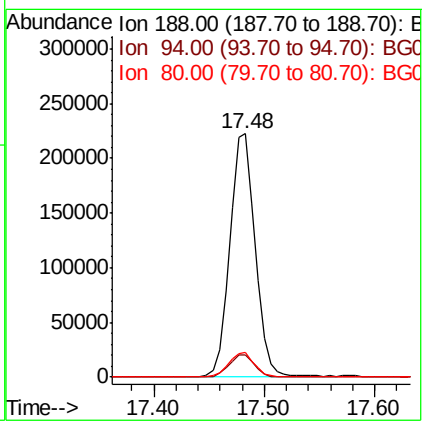


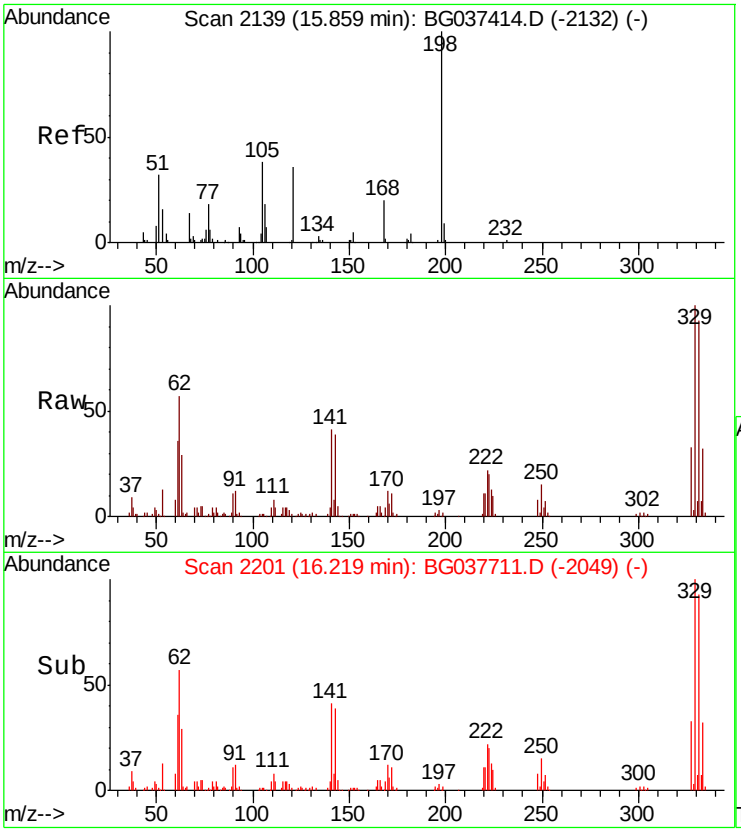


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:188 Resp: 360266

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.7	11.5



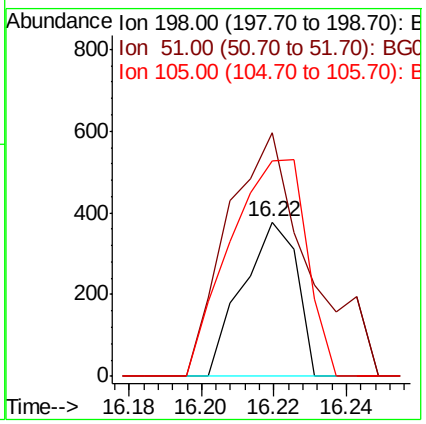


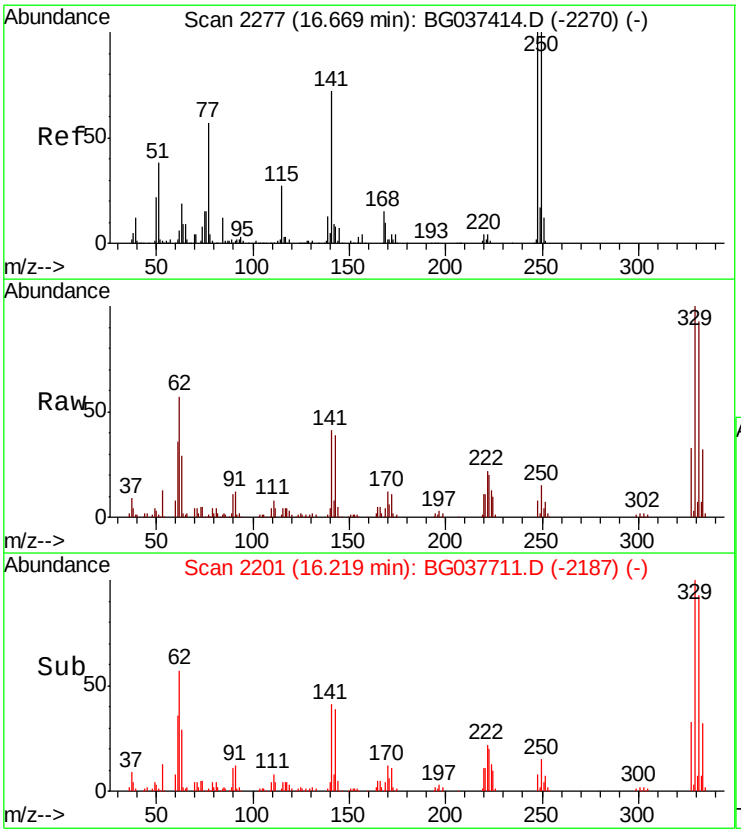
#65
4,6-Dinitro-2-methylphenol
Concen: 8.678 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 392

Ion	Ratio	Lower	Upper
198	100		
51	31.0	22.7	62.7
105	27.4	19.7	59.7

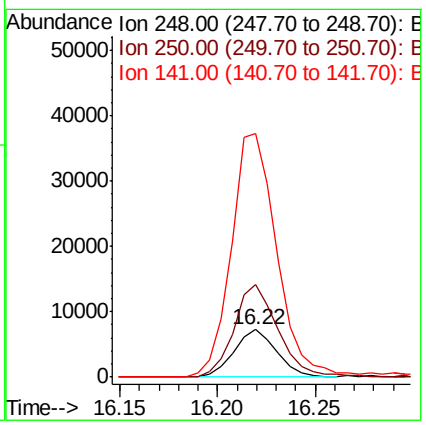


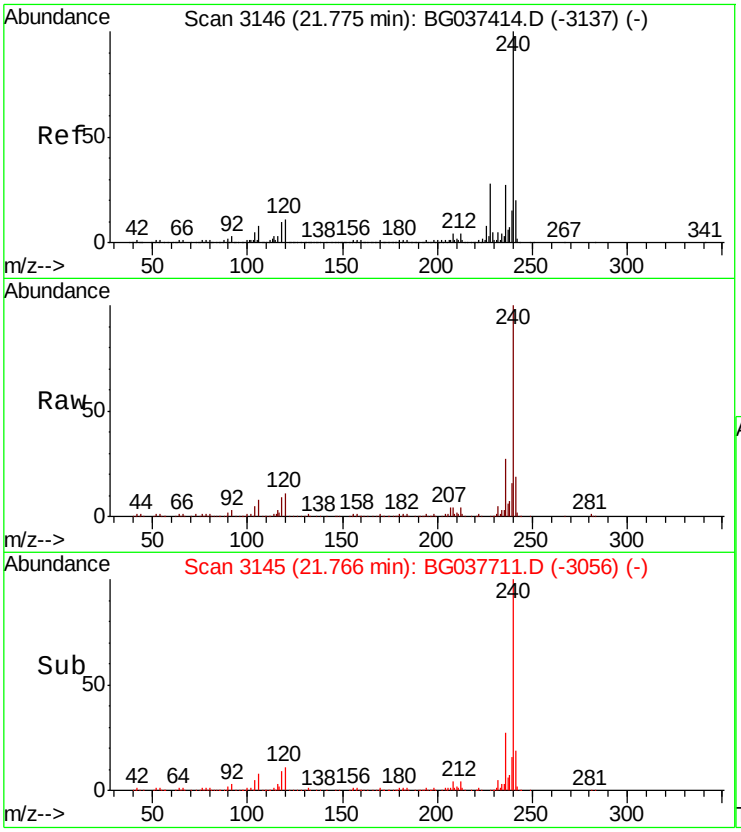


#67
4-Bromophenyl-phenylether
Concen: 2.769 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:248 Resp: 10956

Ion	Ratio	Lower	Upper
248	100		
250	189.7	77.0	115.6#
141	390.1	55.5	83.3#



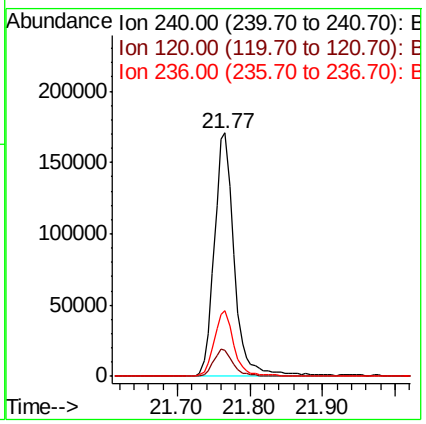


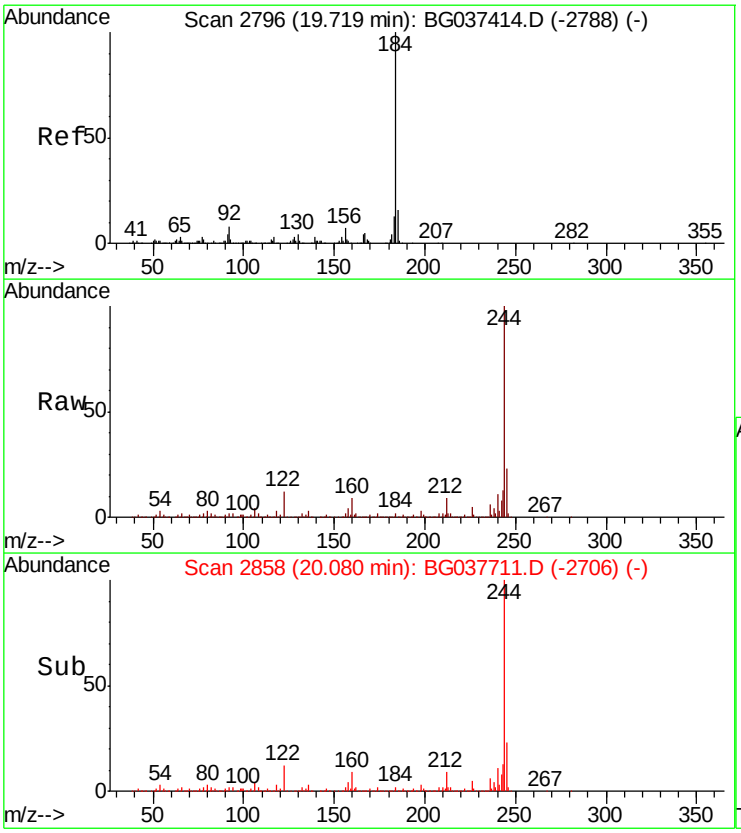
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 327777

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.8	21.4	32.0

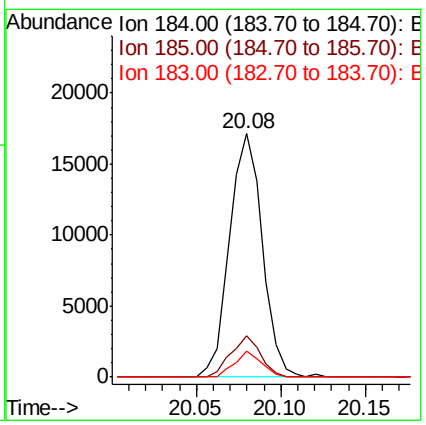


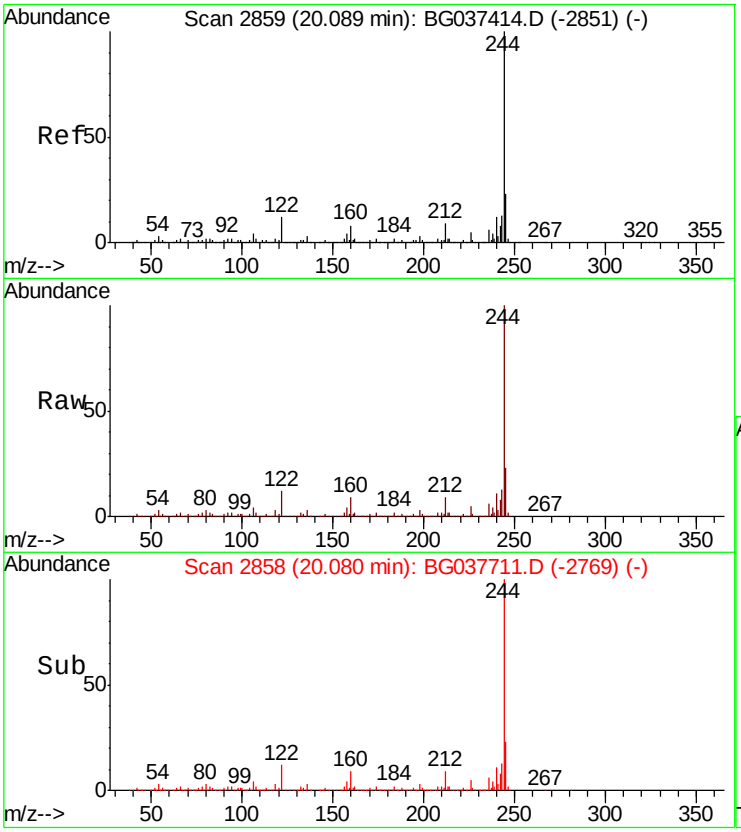


#77
Benzidine
Concen: 2.070 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:184 Resp: 23073

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.6	18.8
183	10.5	10.2	15.2



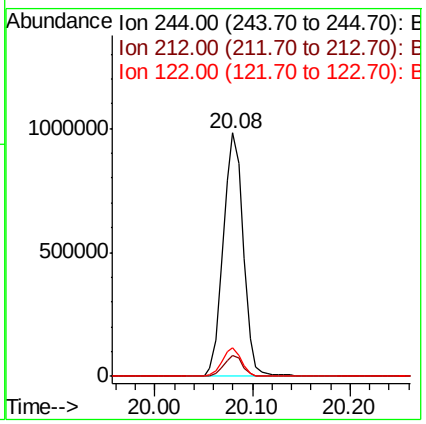


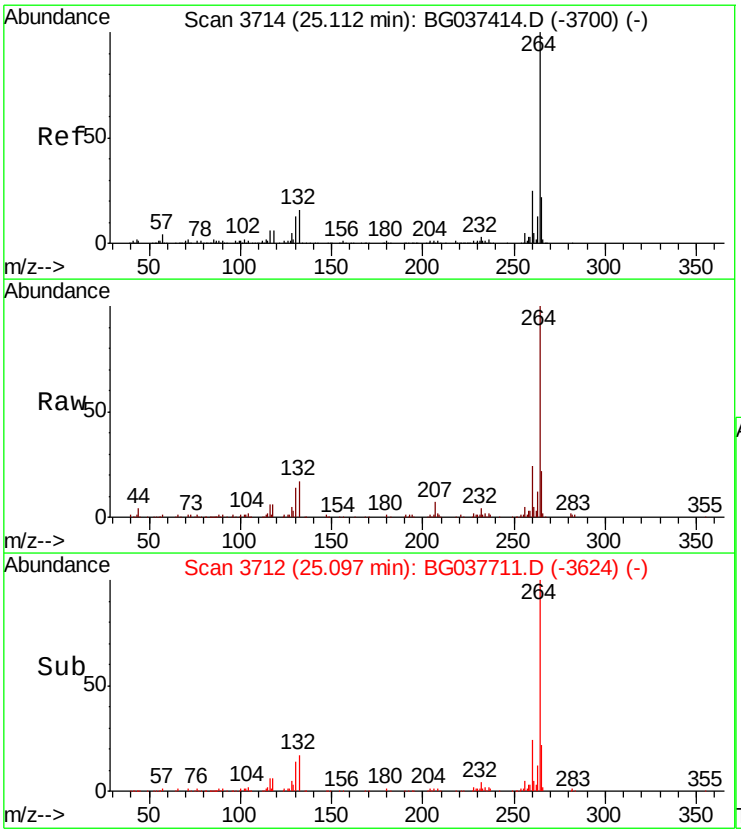
#79
Terphenyl-d14
Concen: 91.420 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037711.D
Acq: 1 Nov 2018 9:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1402376

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	12.0	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: BG037711.D
Acq: 1 Nov 2018 9:59

Tgt Ion:264 Resp: 295932

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.9	17.9	26.9