Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037318.D
Acq On : 13 Oct 2018 9:22
Operator : JU/SJ
Sample : J5383-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 15 02:14:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55027	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	234222	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	160309	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	404149	20.00	ng		0.00
76) Chrysene-d12	21.78	240	379206	20.00	ng		-0.02
87) Perylene-d12	25.12	264	395469	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	144086	46.08	ng		0.00
7) Phenol-d6	7.25	99	129630	27.31	ng		0.00
23) Nitrobenzene-d5	9.29	82	416046	116.78	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	180803	115.00	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1055018	98.83	ng		0.00
79) Terphenyl-d14	20.09	244	1602007	88.71	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.28	94	12921	2.585	ng		93
19) n-Nitroso-di-n-propylamine	9.29	70	53712	14.949	ng	#	70
48) 2-Nitroaniline	14.19	65	214	5.825	ng	#	1
50) Dimethylphthalate	14.20	163	32141	2.551	ng		99
51) 2,6-Dinitrotoluene	14.75	165	20147	12.218	ng	#	25
57) 2,4-Dinitrotoluene	14.75	165	20147	11.115	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.23	198	479	6.277	ng		99
67) 4-Bromophenyl-phenylether	16.23	248	13724	3.146	ng	#	1
77) Benzidine	20.09	184	30263	2.086	ng		97

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

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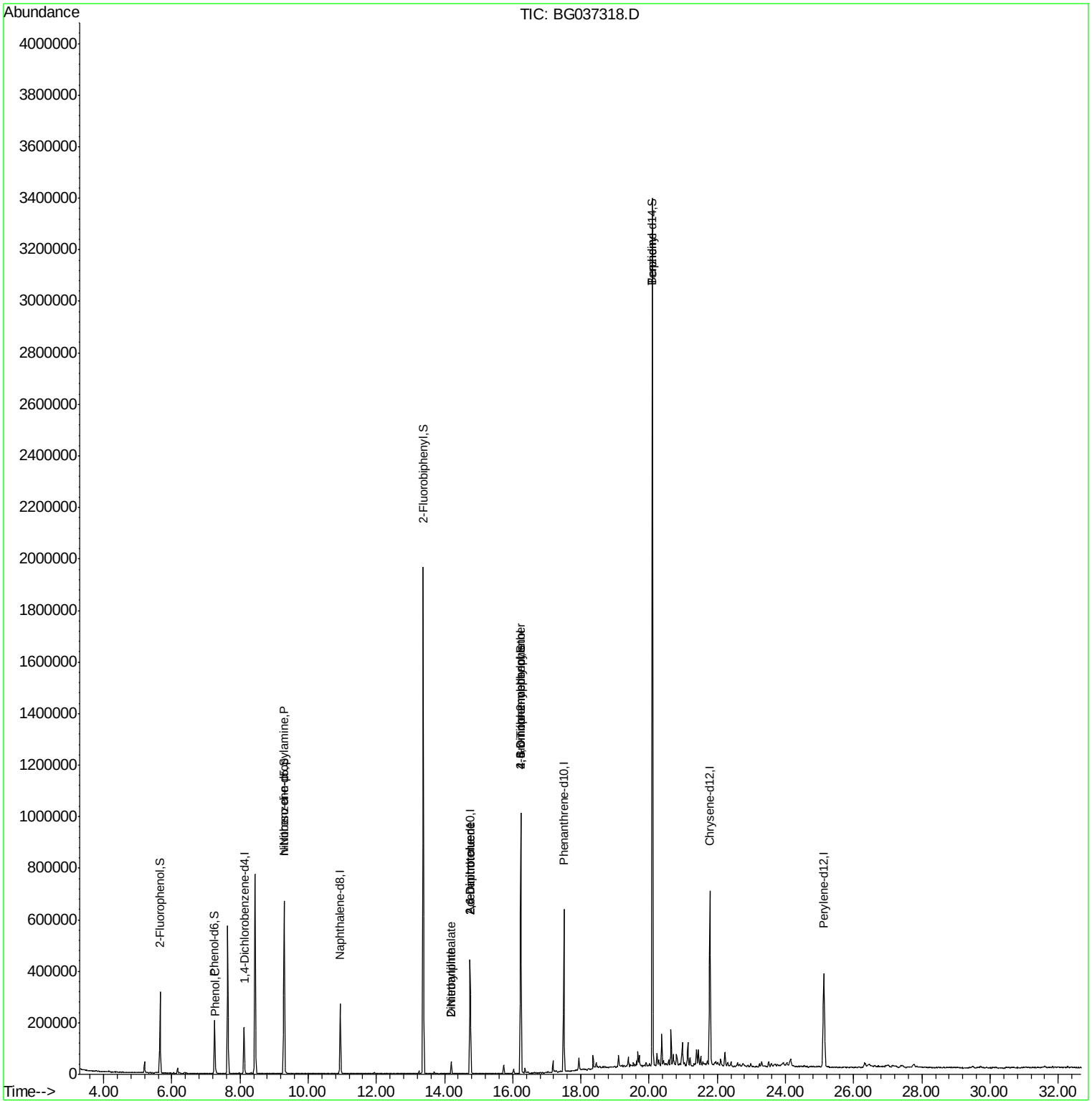
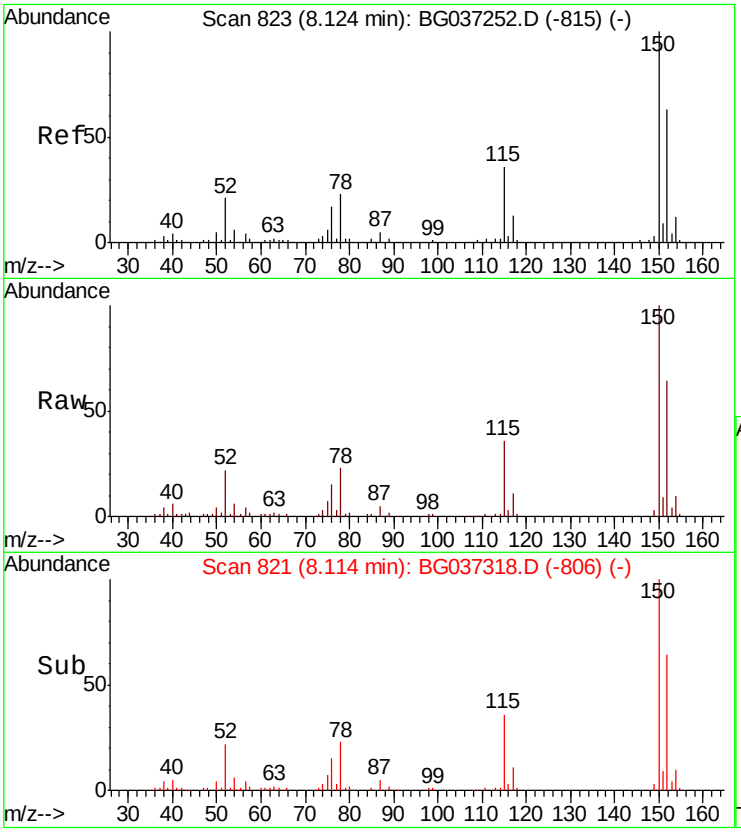
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

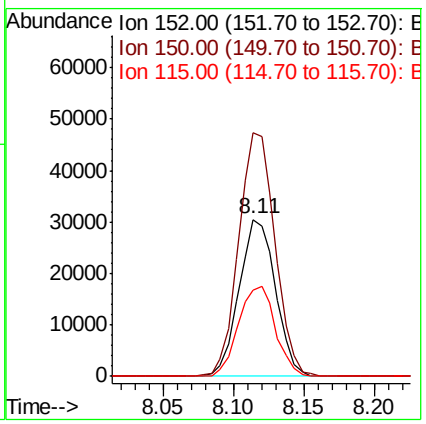




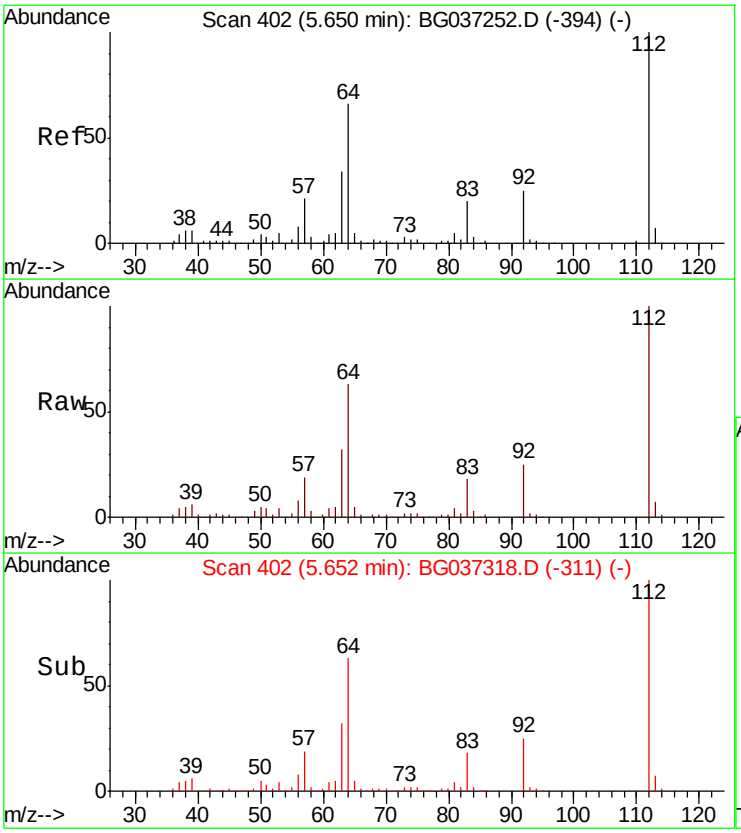
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:152 Resp: 55027

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.0	189.0
115	55.4	45.5	68.3



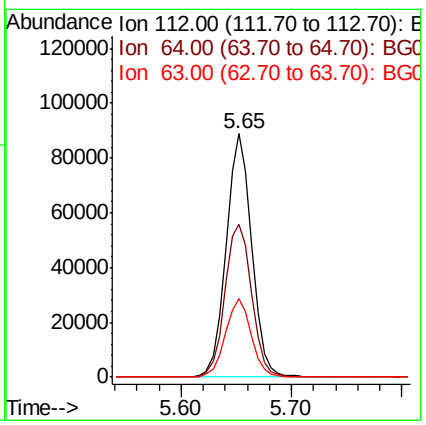
Instrument :
BNA_G
ClientSampleId :

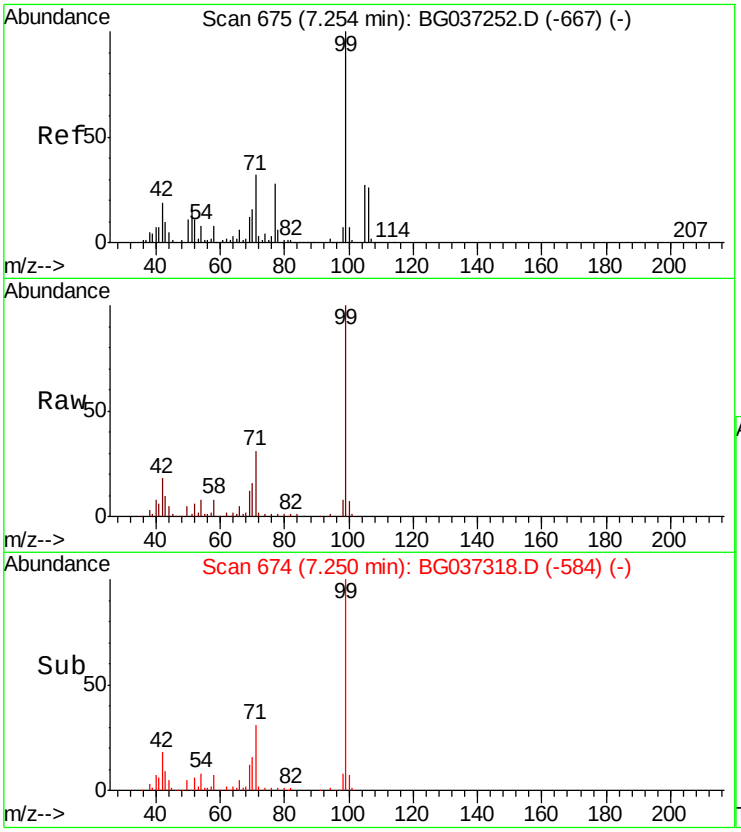


#5
2-Fluorophenol
Concen: 46.082 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:112 Resp: 144086

Ion	Ratio	Lower	Upper
112	100		
64	62.9	53.1	79.7
63	32.0	27.3	40.9



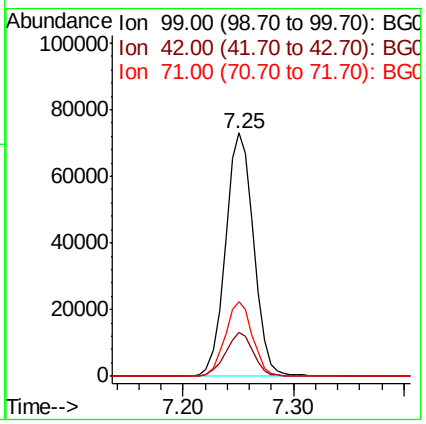


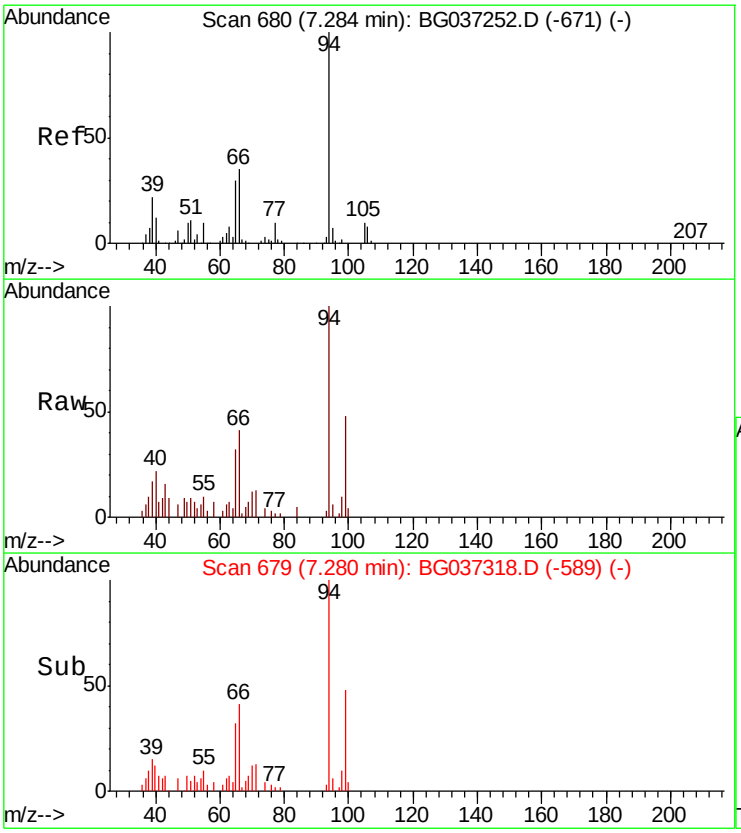
#7
Phenol-d6
Concen: 27.315 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 129630

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	30.6	25.5	38.3

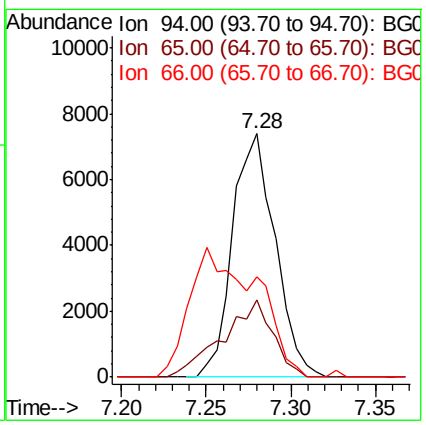


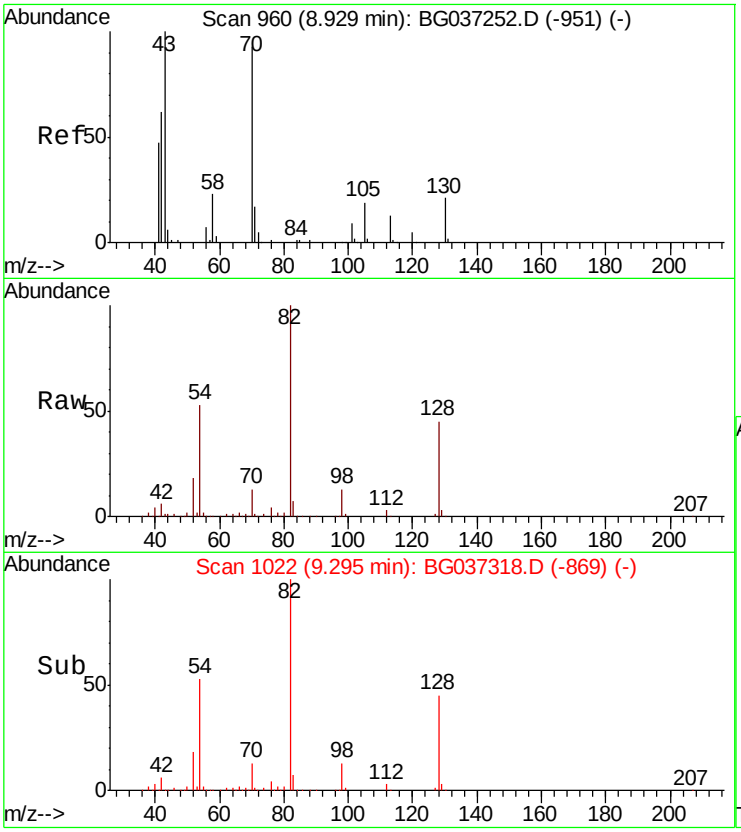


#10
Phenol
Concen: 2.585 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion: 94 Resp: 12921

Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.7	49.7
66	41.1	15.9	55.9



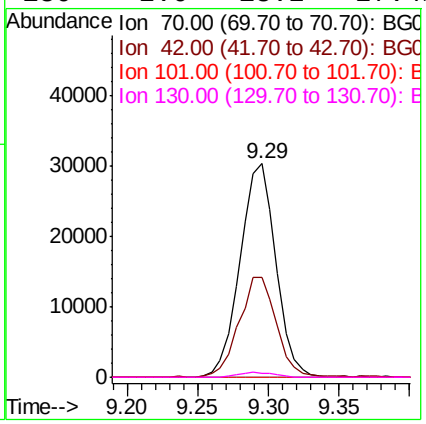


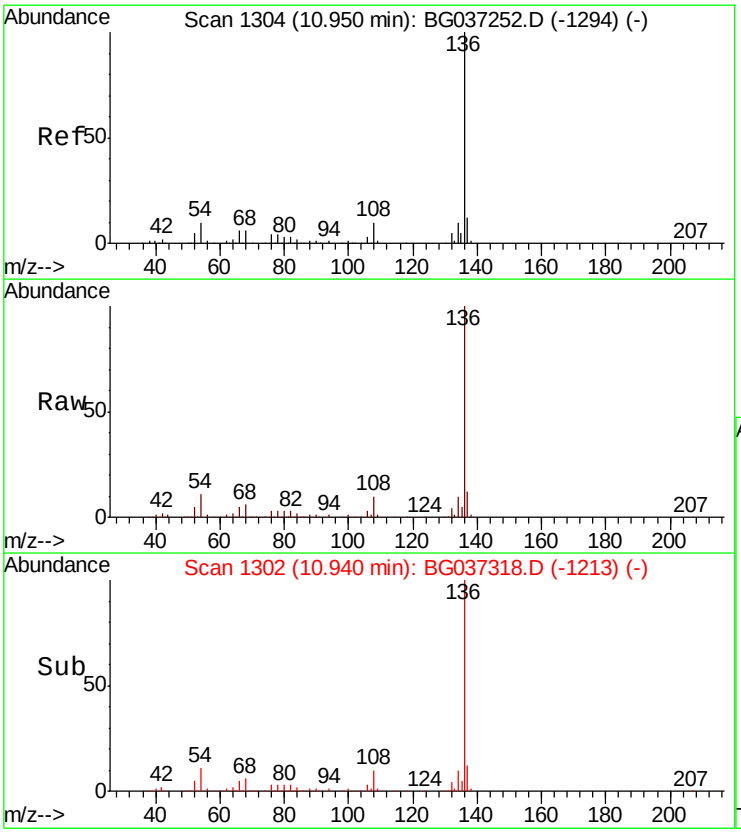
#19
n-Nitroso-di-n-propylamine
Concen: 14.949 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.37 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 53712

Ion	Ratio	Lower	Upper
70	100		
42	46.6	53.9	80.9#
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#

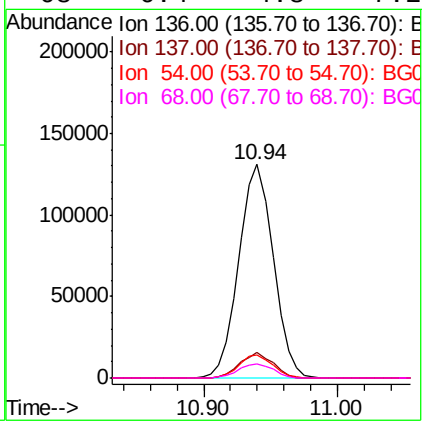


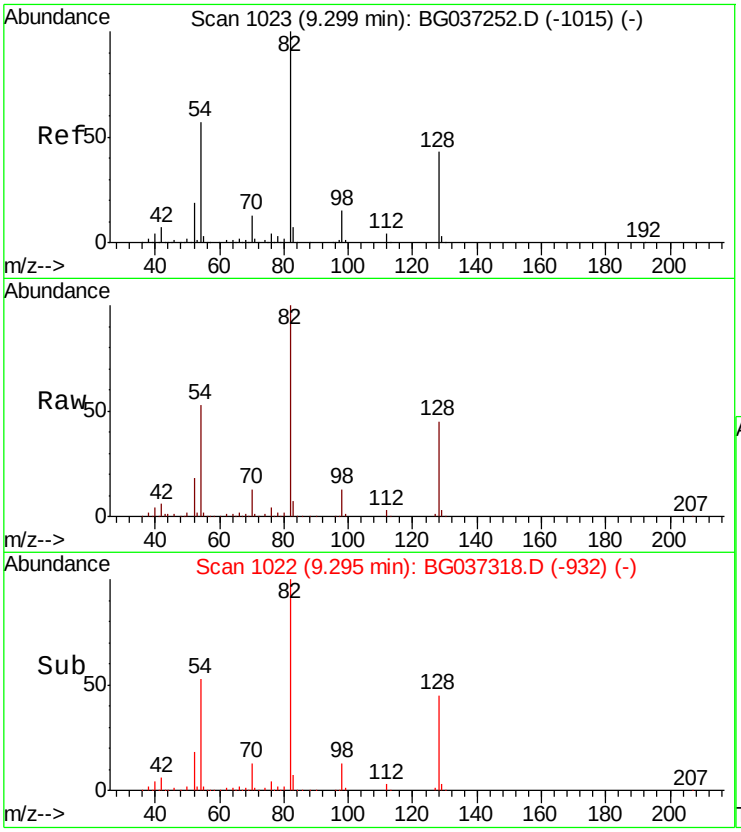


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:136 Resp: 234222

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.6	7.9	11.9
68	6.4	4.8	7.2



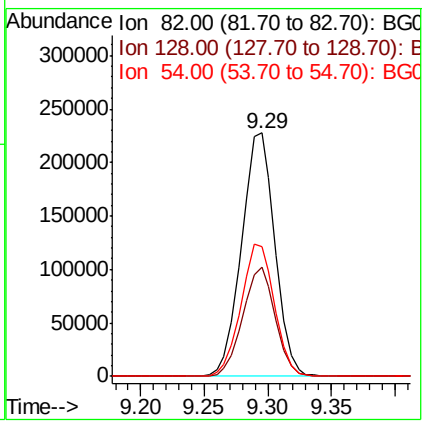


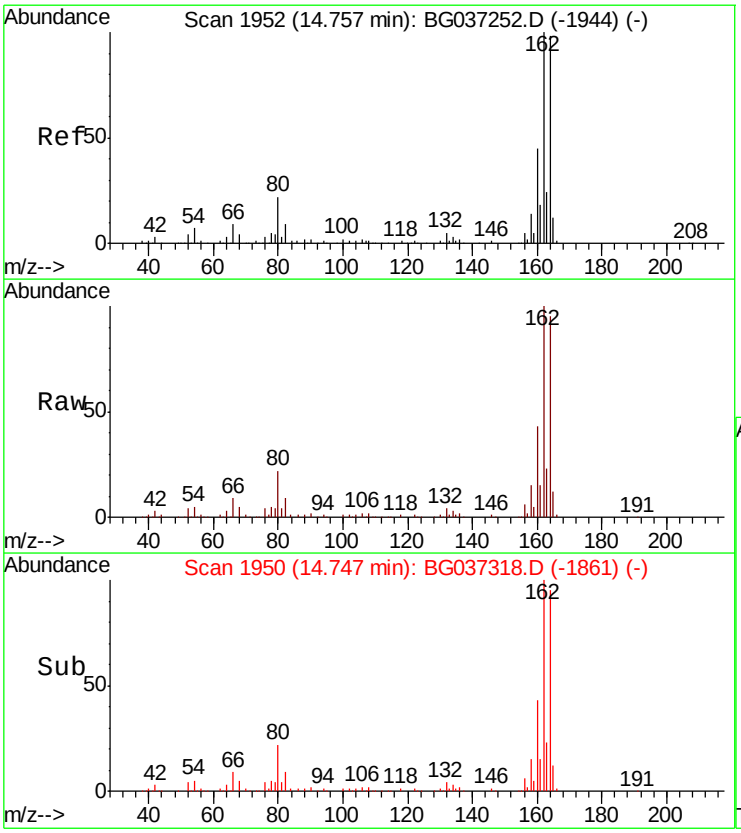
#23
Nitrobenzene-d5
Concen: 116.782 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 416046

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	53.2	45.3	67.9

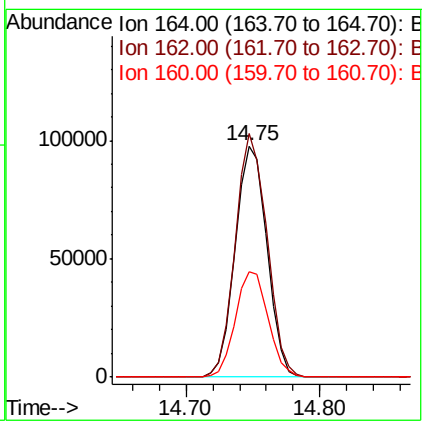


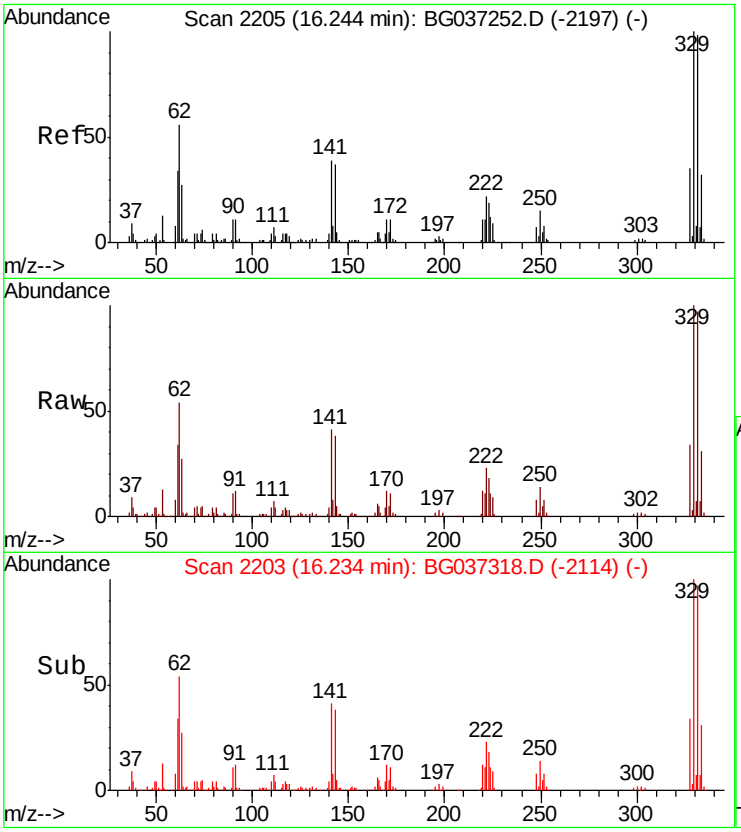


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:164 Resp: 160309

Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.3	121.9
160	45.7	36.3	54.5



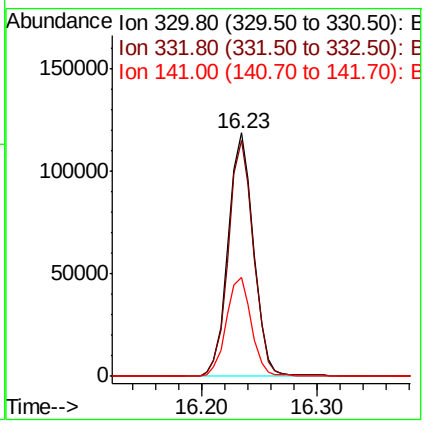


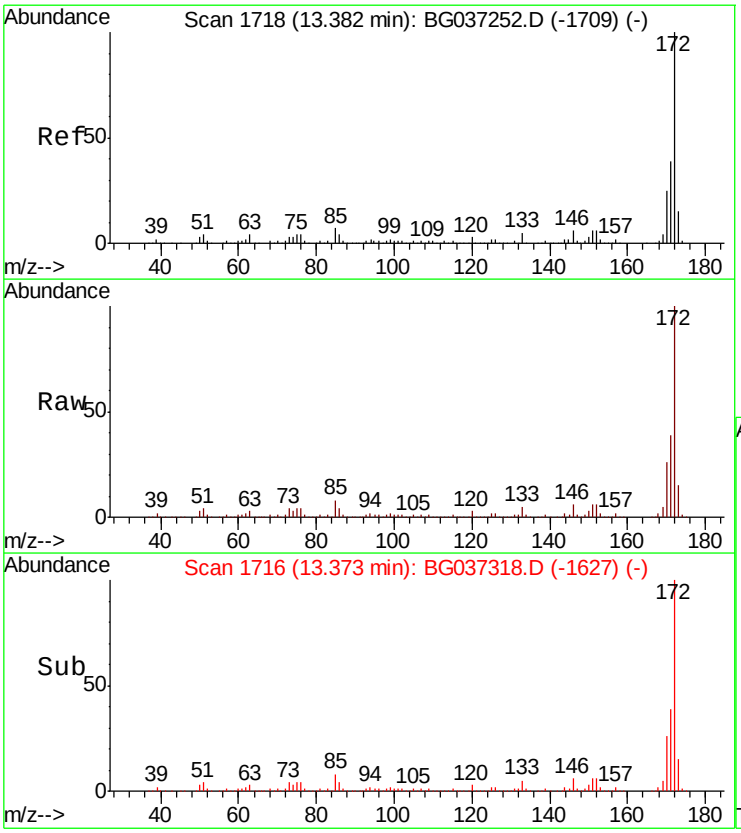
#42
2,4,6-Tribromophenol
Concen: 115.001 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 180803

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	40.3	32.2	48.2

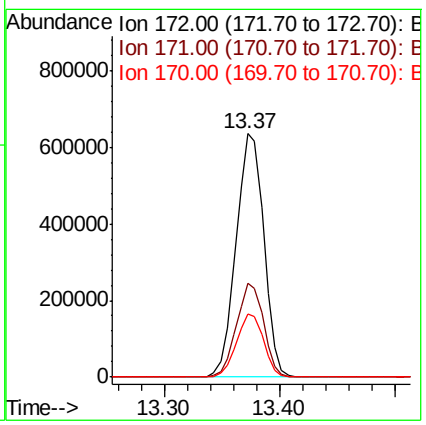


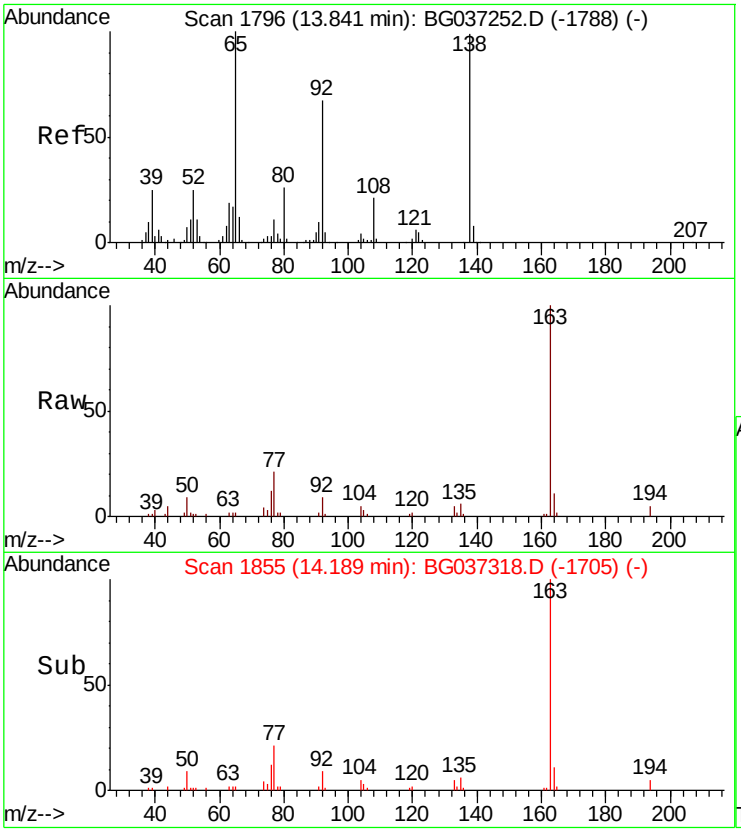


#45
2-Fluorobiphenyl
Concen: 98.833 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:172 Resp: 1055018

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	26.1	20.2	30.2



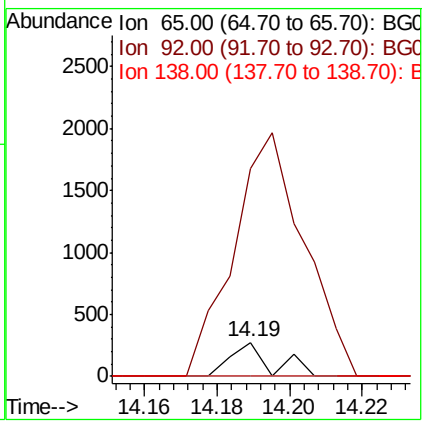


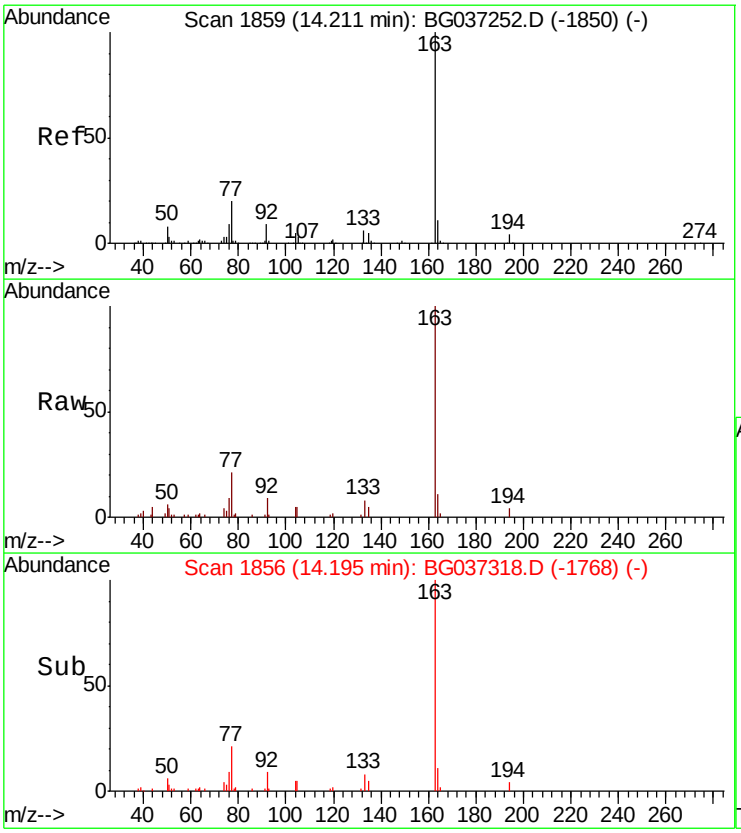
#48
2-Nitroaniline
Concen: 5.825 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 214

Ion	Ratio	Lower	Upper
65	100		
92	615.8	53.2	79.8#
138	0.0	79.3	118.9#

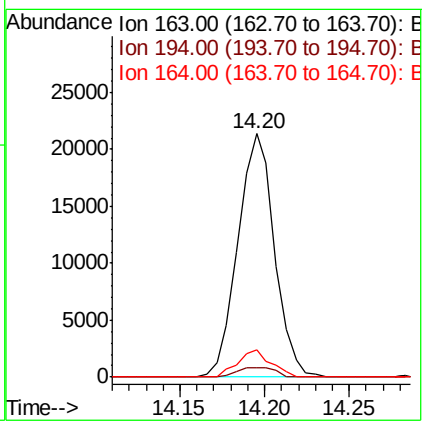


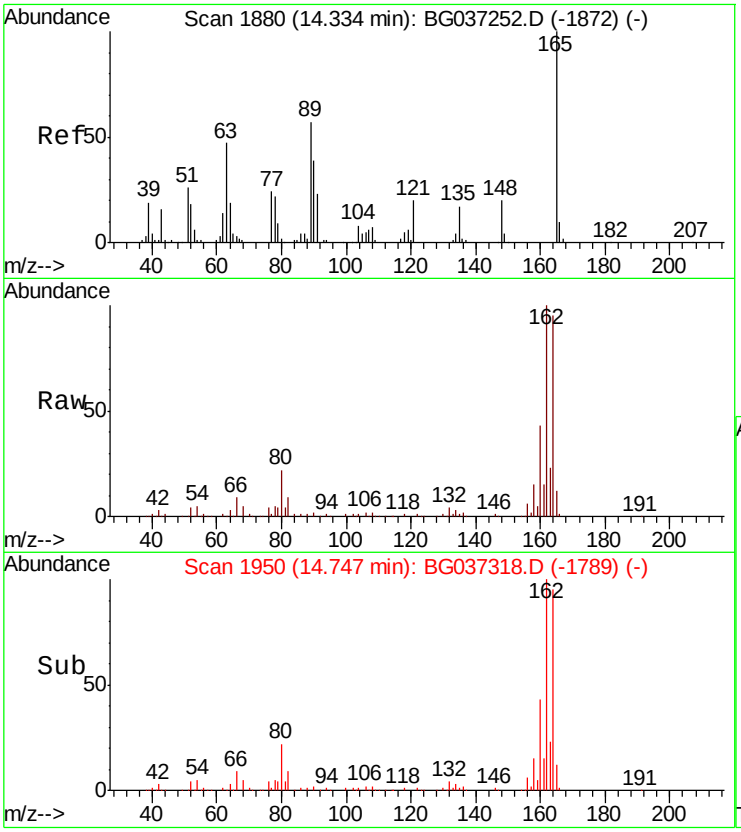


#50
Dimethylphthalate
Concen: 2.551 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:163 Resp: 32141

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	11.0	8.5	12.7



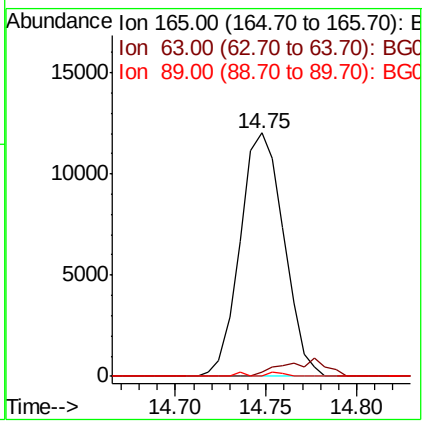


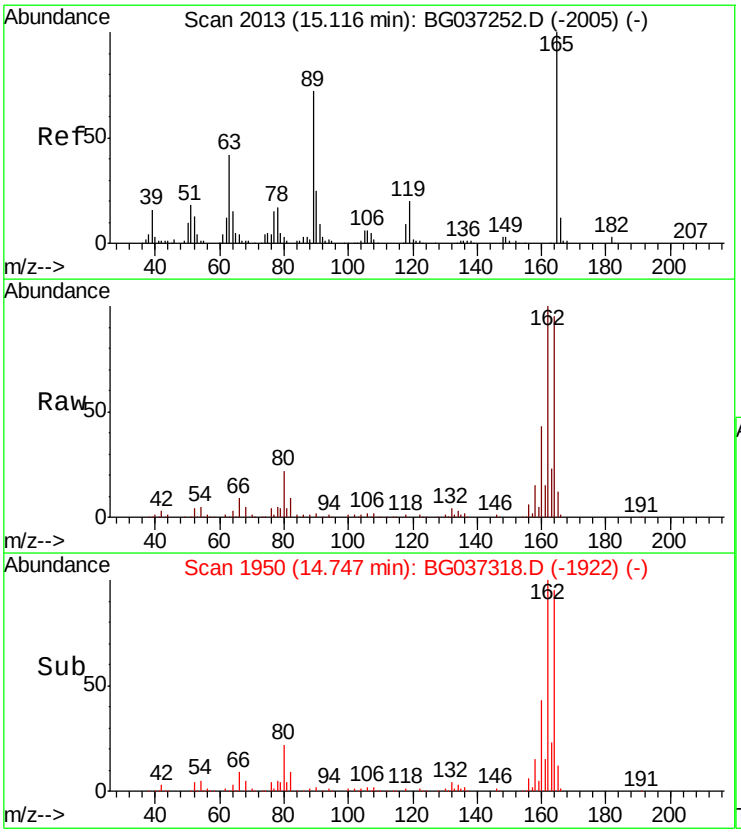
#51
2,6-Dinitrotoluene
Concen: 12.218 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20147

Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	0.0	45.8	68.6#

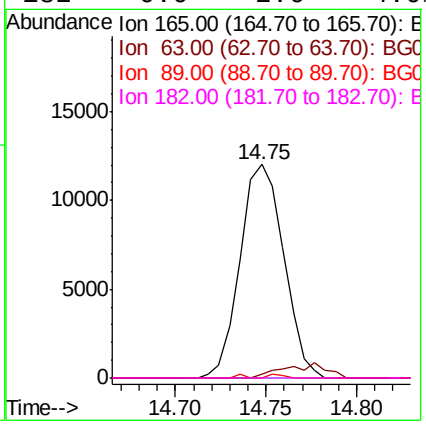


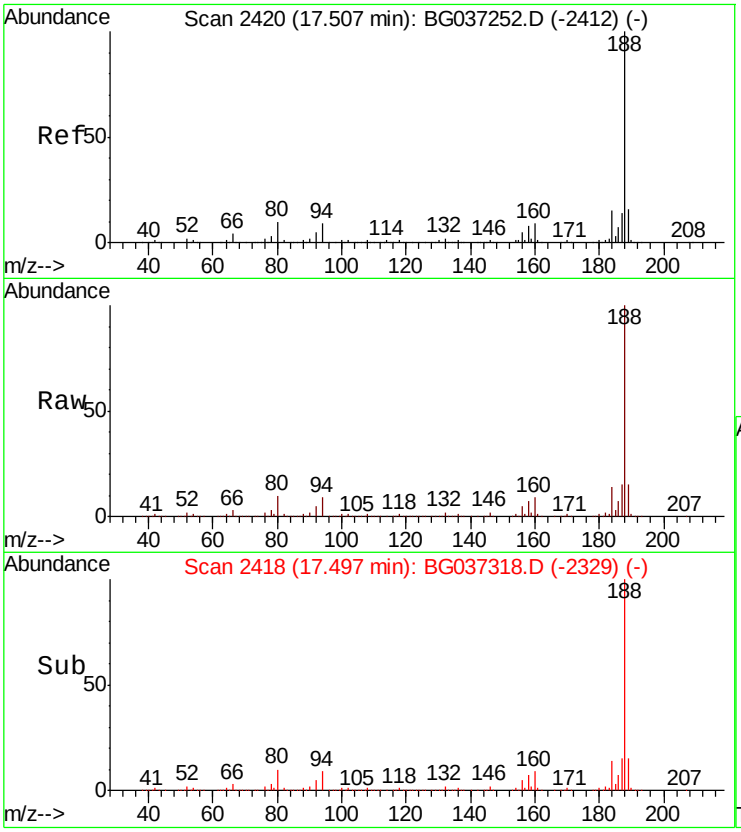


#57
2,4-Dinitrotoluene
Concen: 11.115 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:165 Resp: 20147

Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



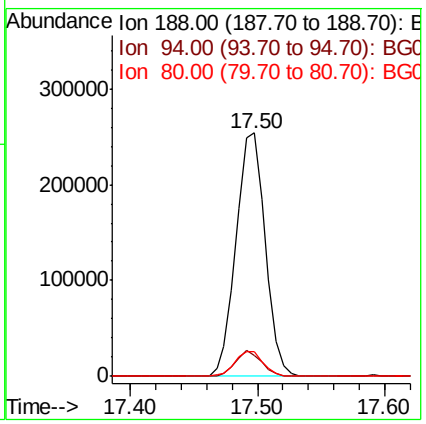


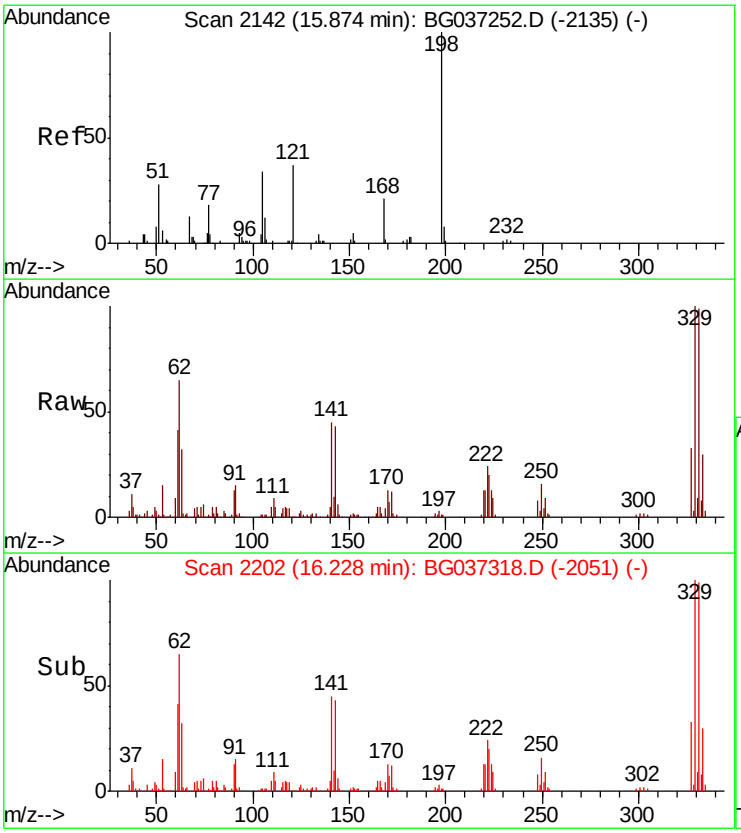
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 404149

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.4	7.7	11.5

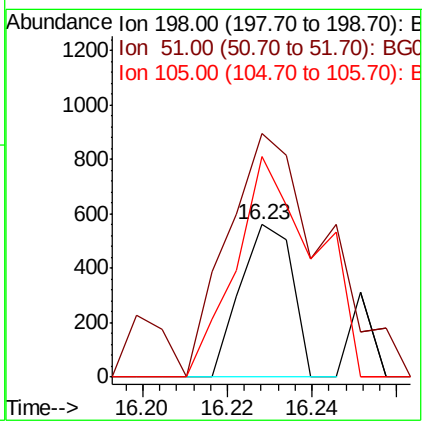


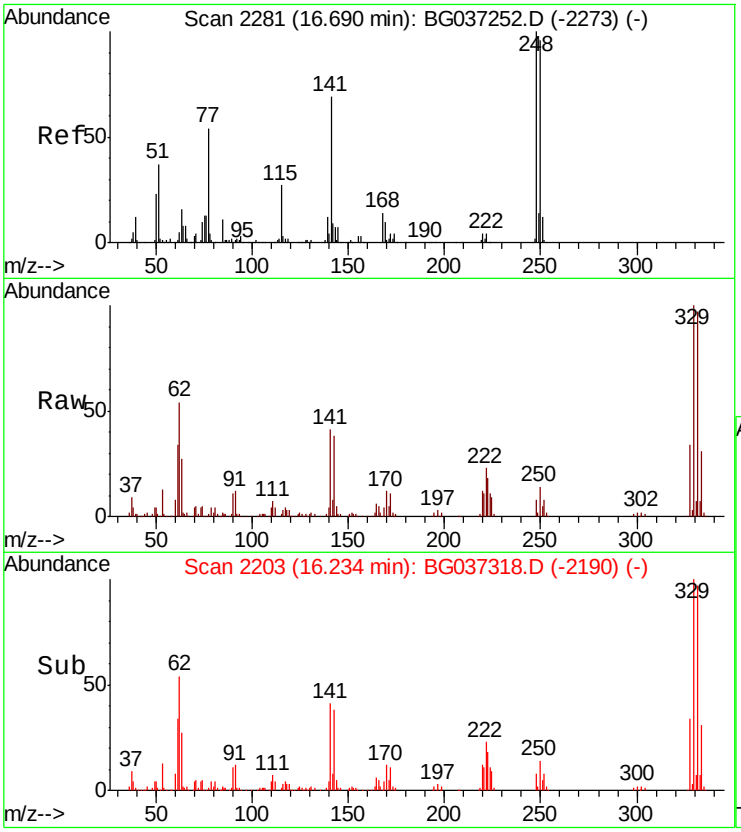


#65
4,6-Dinitro-2-methylphenol
Concen: 6.277 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.36 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:198 Resp: 479

Ion	Ratio	Lower	Upper
198	100		
51	43.4	22.7	62.7
105	39.3	19.7	59.7



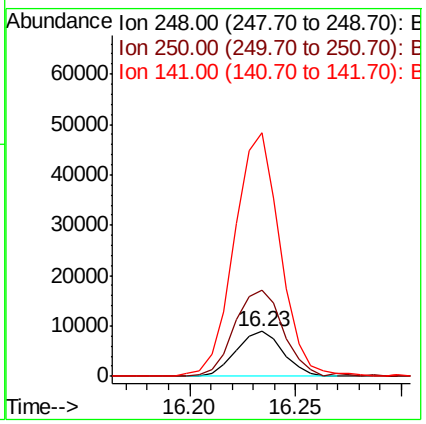


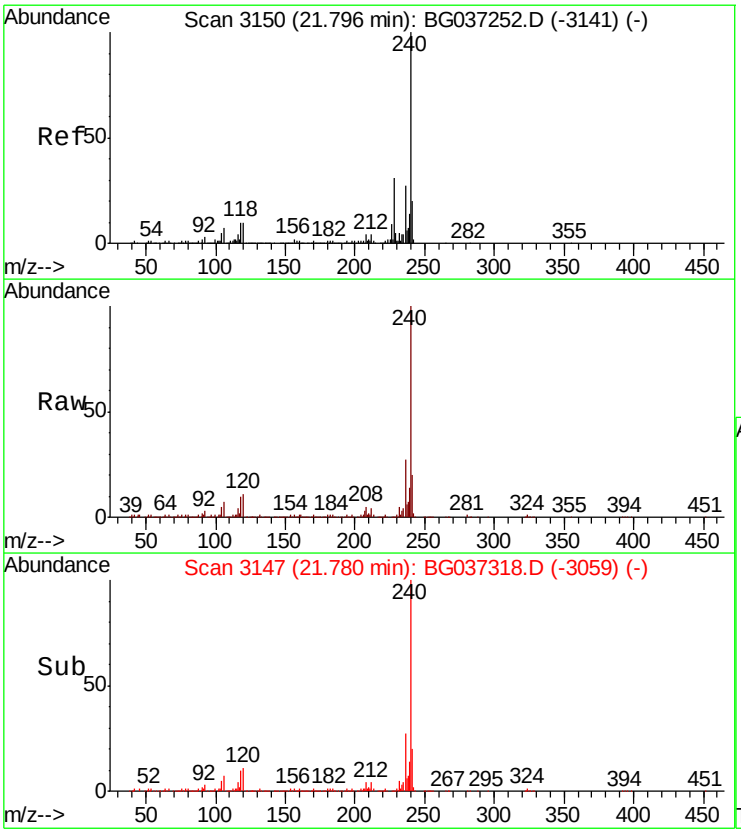
#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13724

Ion	Ratio	Lower	Upper
248	100		
250	193.3	77.0	115.6#
141	410.0	55.5	83.3#

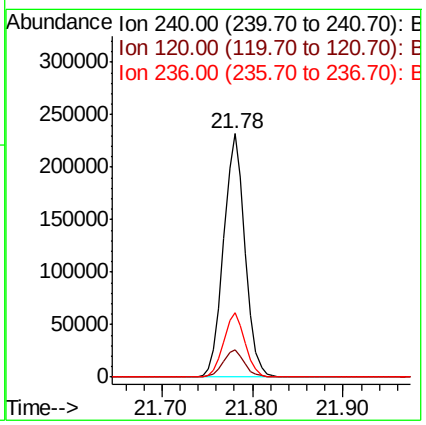


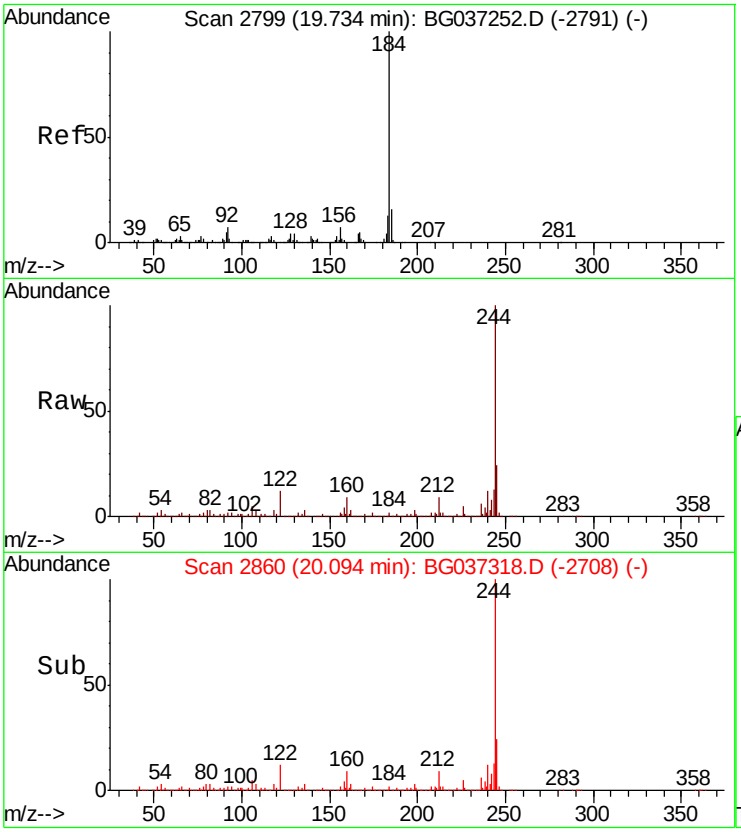


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:240 Resp: 379206

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.7	21.4	32.0



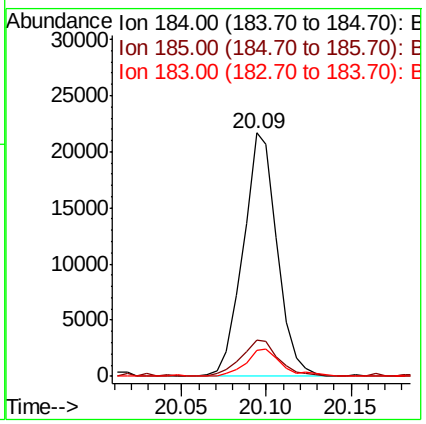


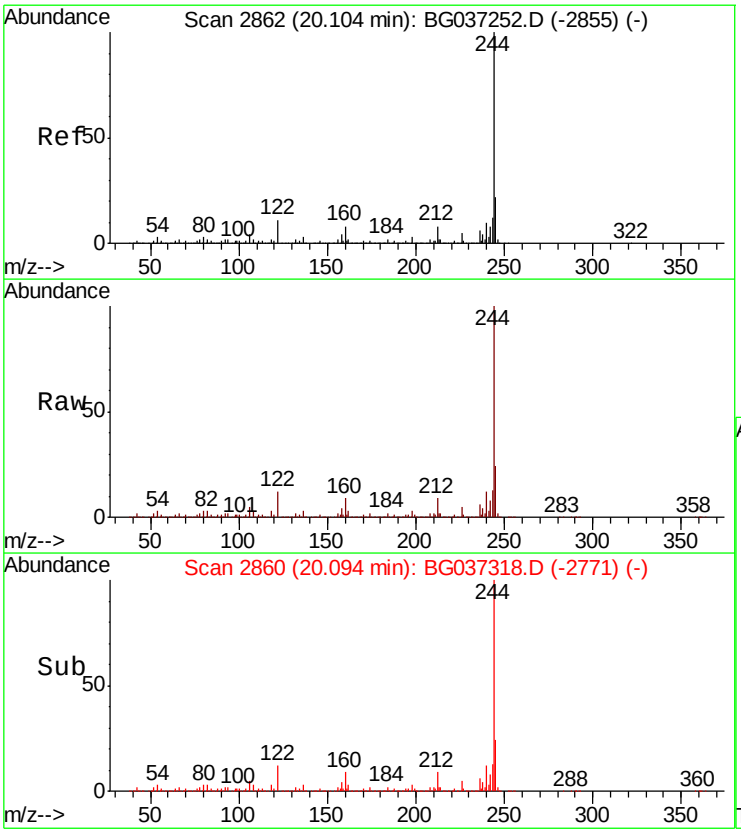
#77
Benzidine
Concen: 2.086 ng
RT: 20.09 min Scan# 2860
Delta R.T. 0.36 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 30263

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	10.7	10.2	15.2

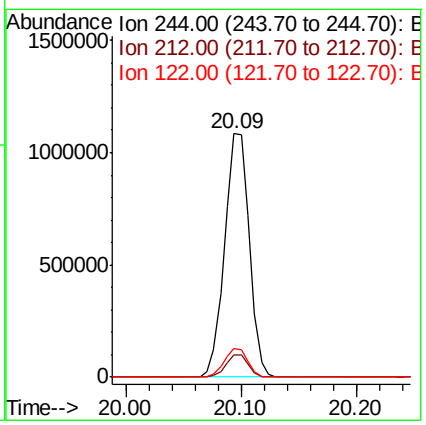


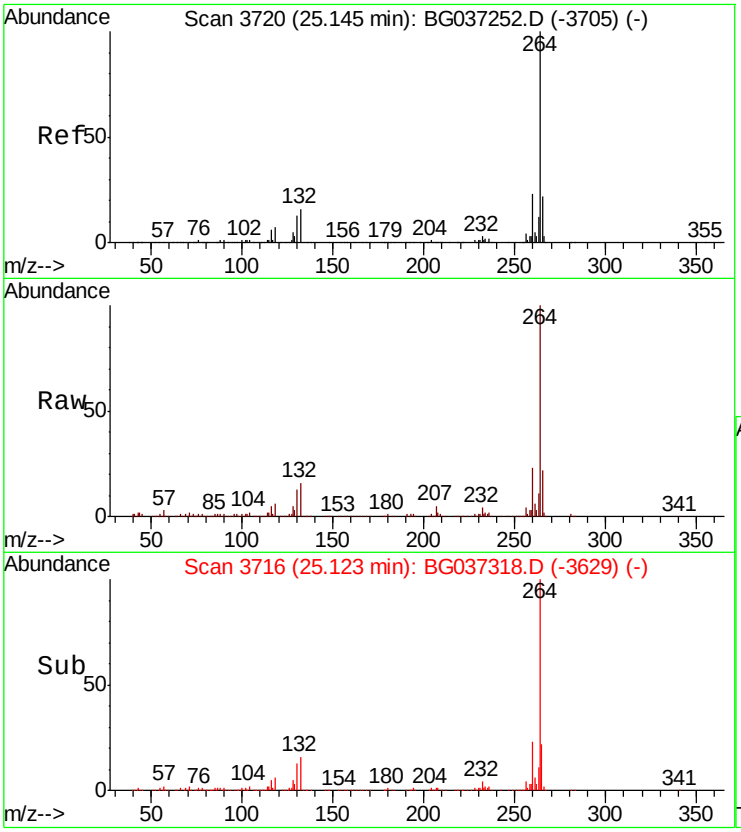


#79
Terphenyl-d14
Concen: 88.707 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:244 Resp: 1602007

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	11.9	9.0	13.4

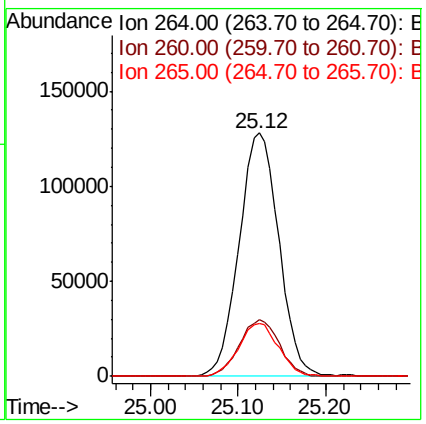




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:264 Resp: 395469

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.7	17.9	26.9



Instrument :
BNA_G
ClientSampleId :