Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037877.D
Acq On : 7 Nov 2018 23:15
Operator : JU/SJ
Sample : J5808-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 08 09:02:29 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	8.09	152	54192	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	242677	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	160952	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	355186	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	311739	20.00	ng		-0.01
87) Perylene-d12	25.09	264	300643	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	147900	45.63	ng		0.00
7) Phenol-d6	7.24	99	132923	27.12	ng		-0.01
23) Nitrobenzene-d5	9.27	82	431752	99.66	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	157683	89.82	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	1024679	96.00	ng		-0.02
79) Terphenyl-d14	20.07	244	1413451	96.88	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	52829	15.65	ng	#	72
50) Dimethylphthalate	14.17	163	76243	6.12	ng		97
57) 2,4-Dinitrotoluene	14.73	165	20298	5.61	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.21	198	582	8.76	ng	#	78
67) 4-Bromophenyl-phenylether	16.21	248	11149	2.86	ng	#	1
77) Benzidine	20.07	184	23017	2.17	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037877.D
Acq On : 7 Nov 2018 23:15
Operator : JU/SJ
Sample : J5808-12
Misc :
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Instrument :
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ClientSampleId :

Quant Time: Nov 08 09:02:29 2018
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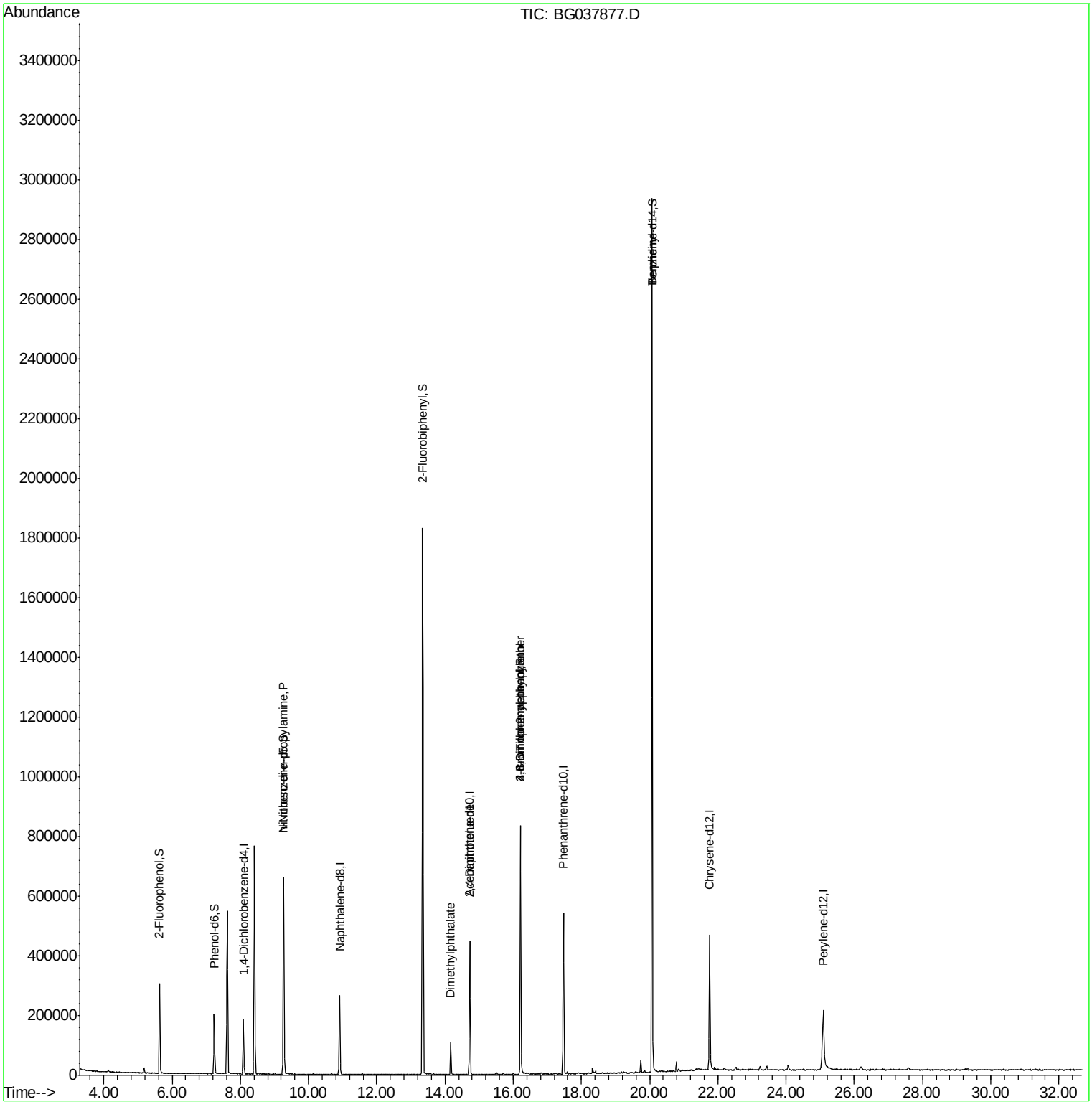
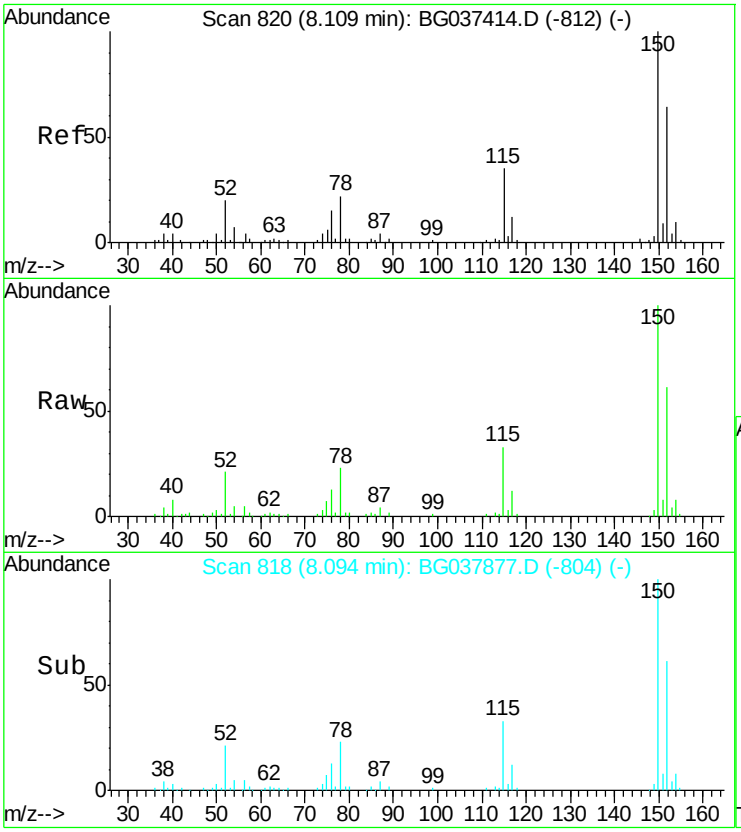
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



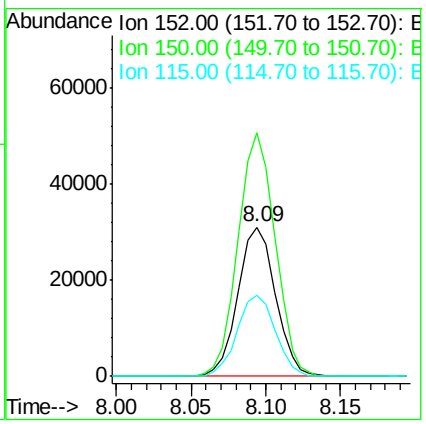


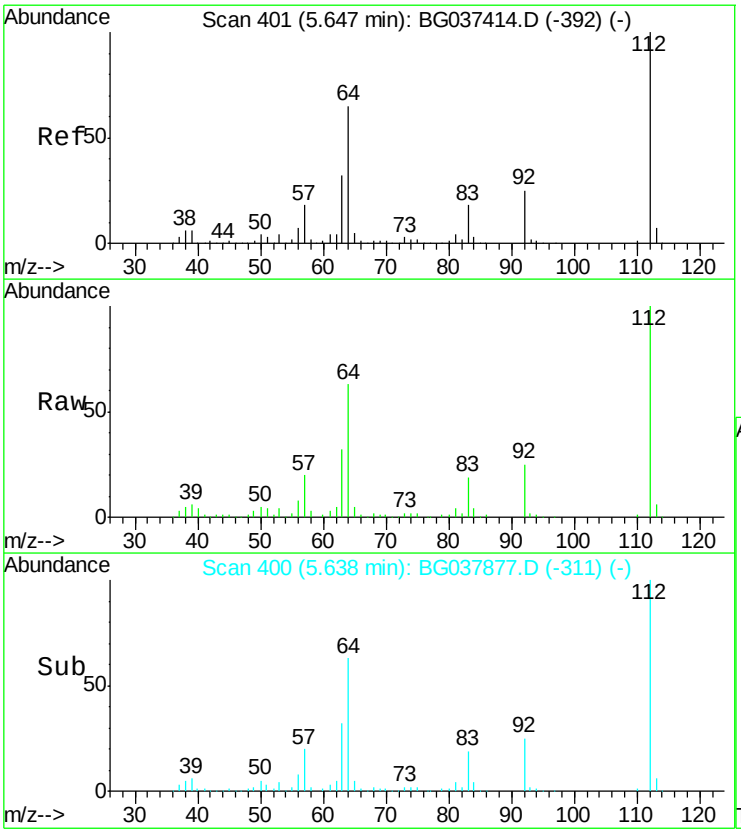
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54192

Ion	Ratio	Lower	Upper
152	100		
150	163.1	126.0	189.0
115	54.5	45.5	68.3

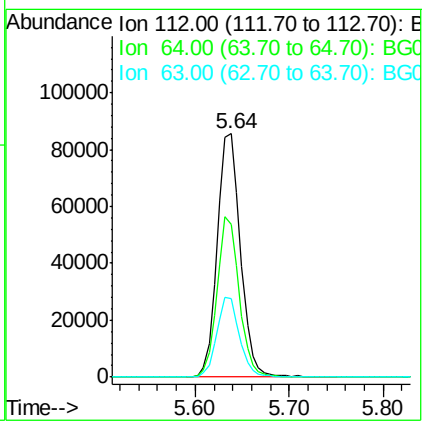


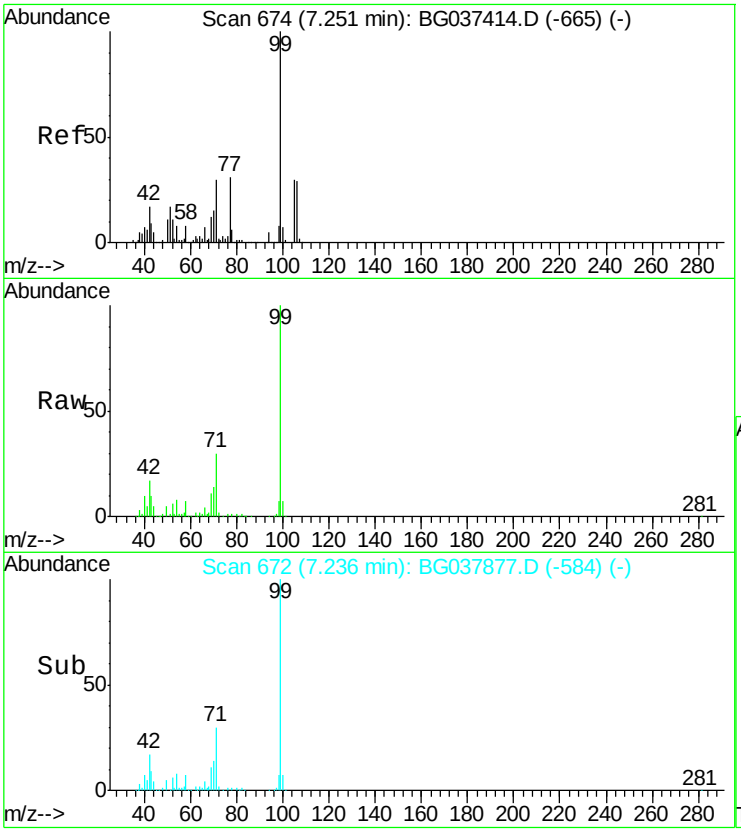


#5
2-Fluorophenol
Concen: 45.63 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion:112 Resp: 147900

Ion	Ratio	Lower	Upper
112	100		
64	62.5	53.1	79.7
63	32.2	27.3	40.9



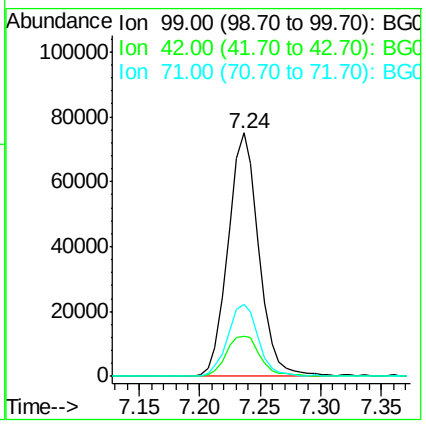


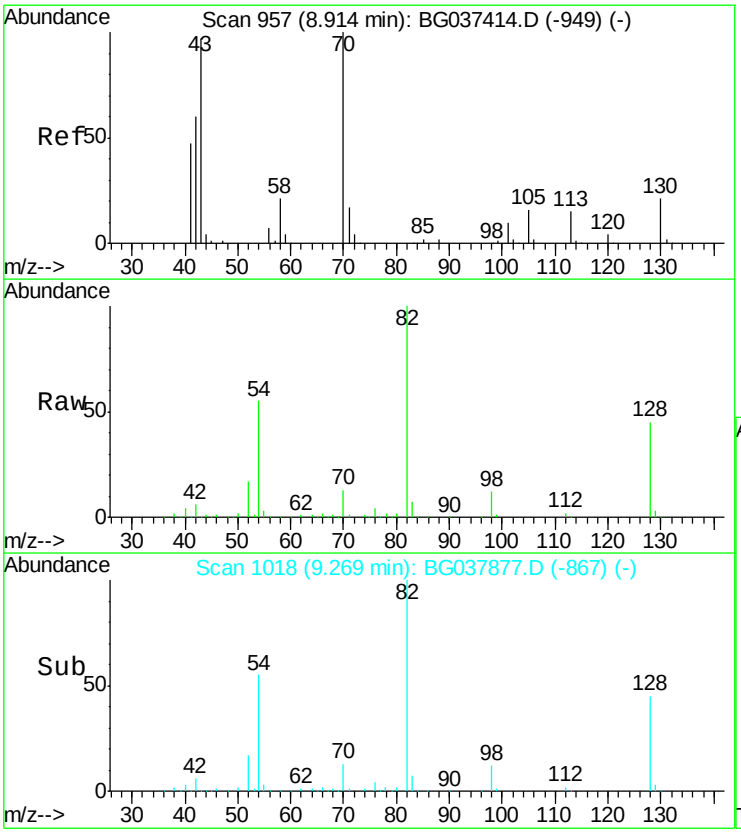
#7
Phenol-d6
Concen: 27.12 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 132923

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.4
71	29.8	25.5	38.3

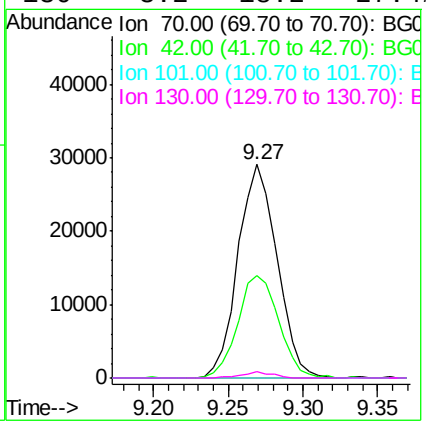


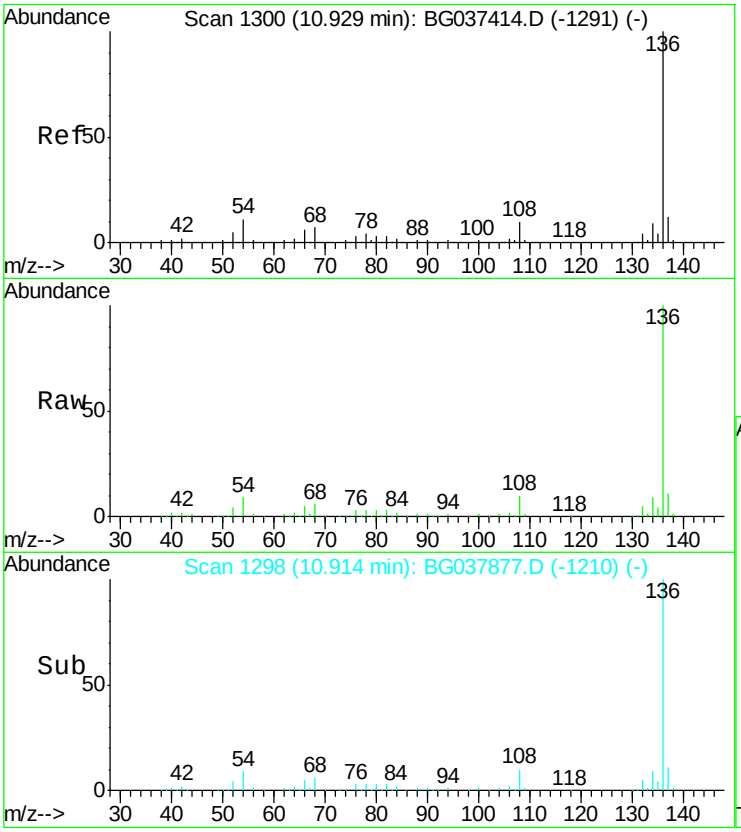


#19
n-Nitroso-di-n-propylamine
Concen: 15.65 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion: 70 Resp: 52829

Ion	Ratio	Lower	Upper
70	100		
42	48.0	53.9	80.9#
101	0.0	8.2	12.2#
130	3.2	18.2	27.4#



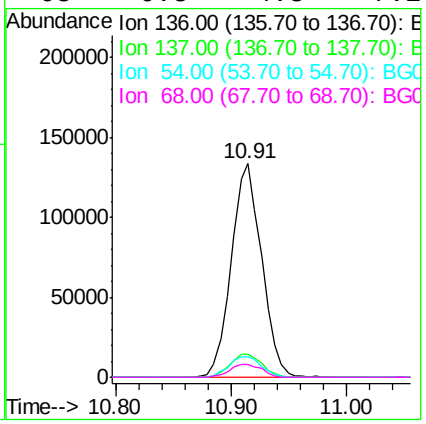


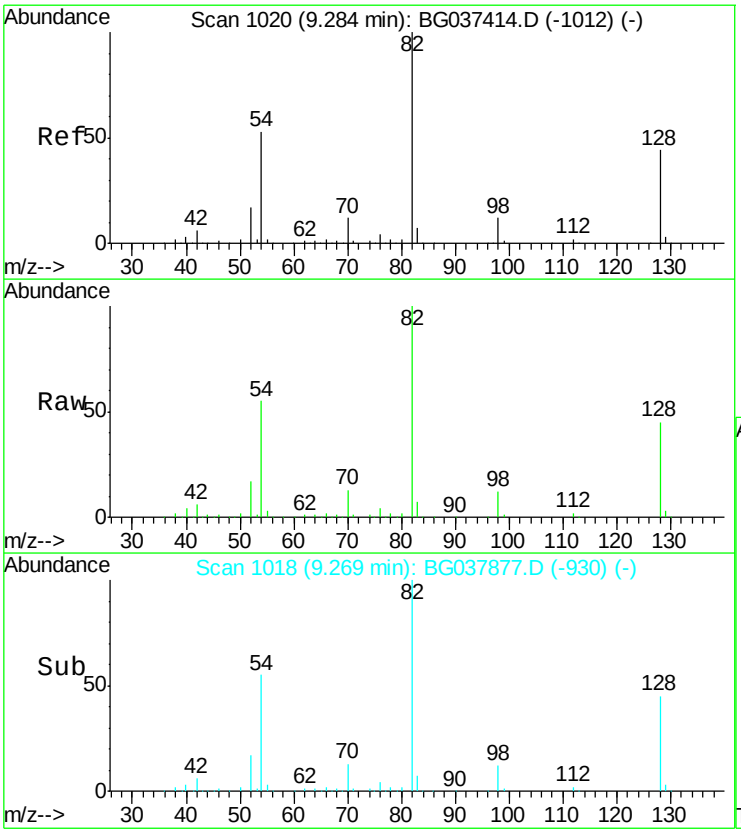
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 242677

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.4	7.9	11.9
68	6.3	4.8	7.2

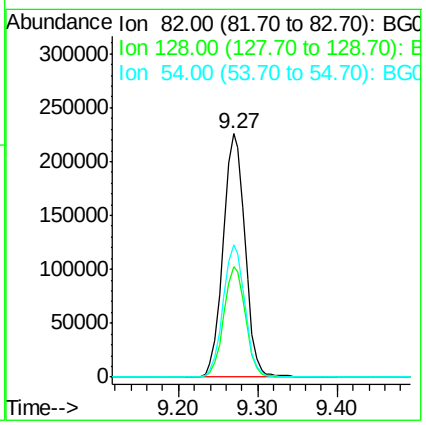


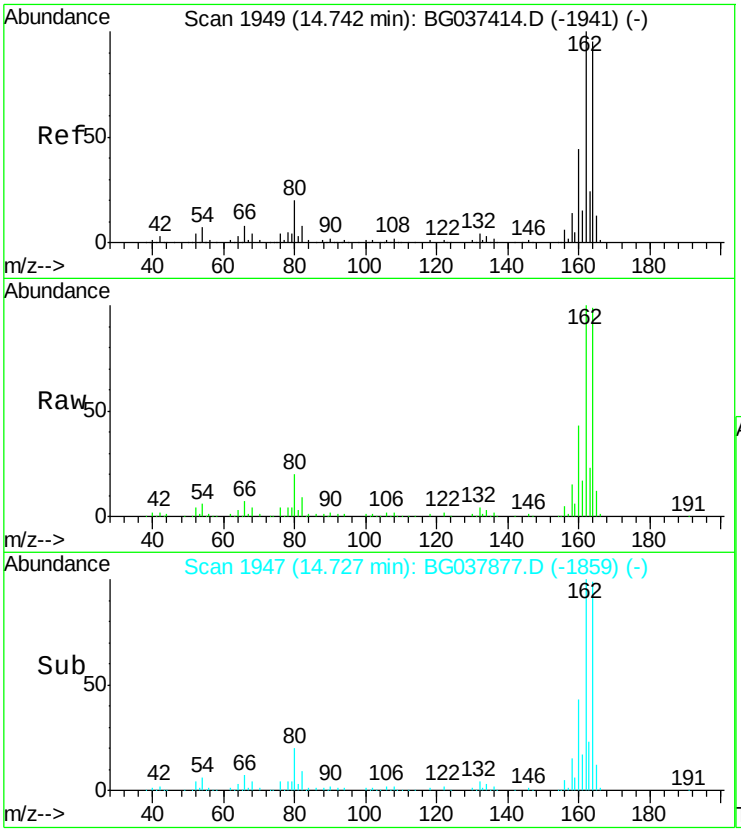


#23
Nitrobenzene-d5
Concen: 99.66 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion: 82 Resp: 431752

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	54.6	45.3	67.9



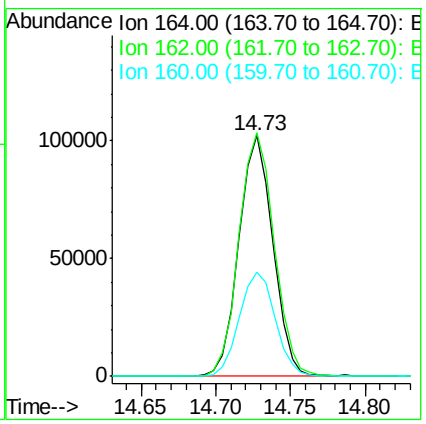


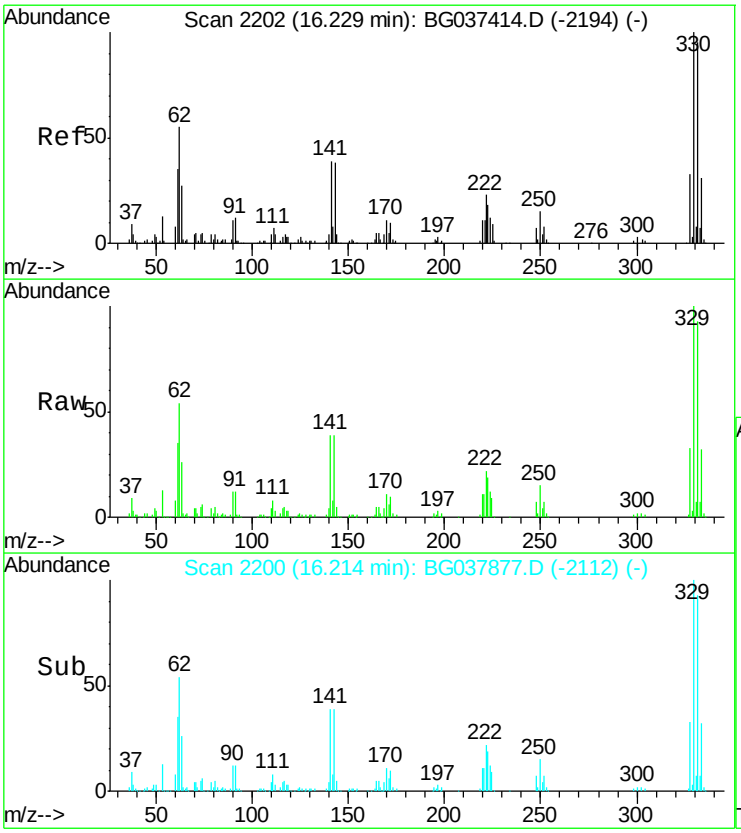
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 160952

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	43.2	36.3	54.5

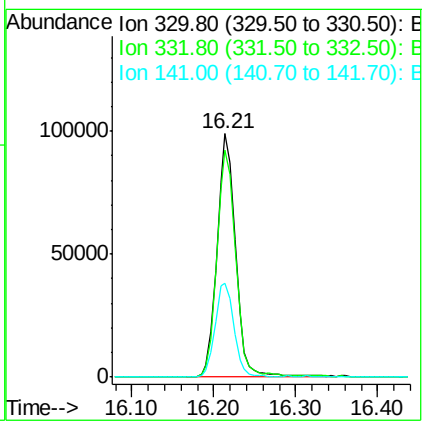


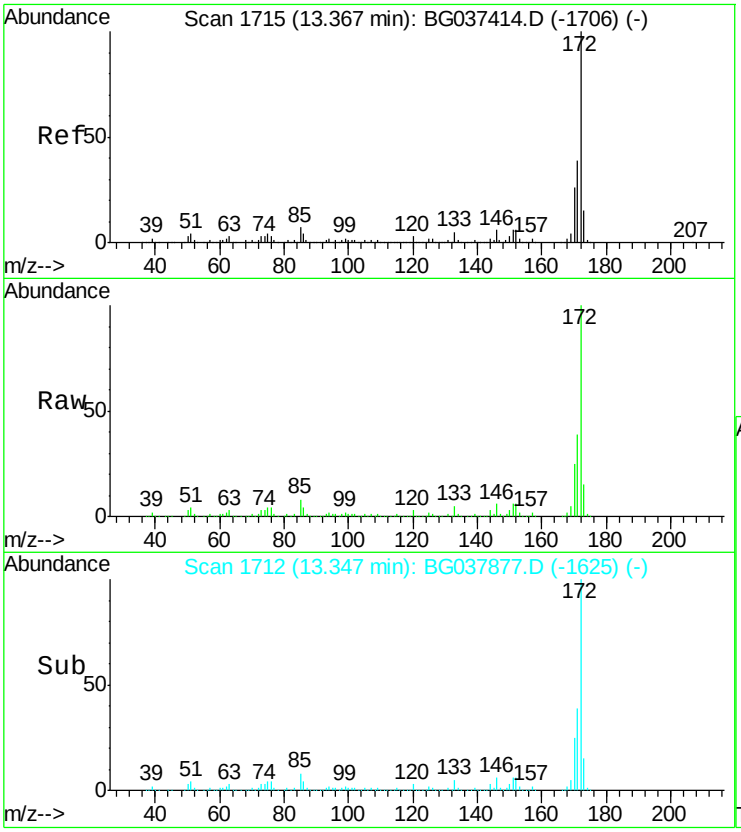


#42
2,4,6-Tribromophenol
Concen: 89.82 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion:330 Resp: 157683

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.4	117.6
141	39.3	32.2	48.2



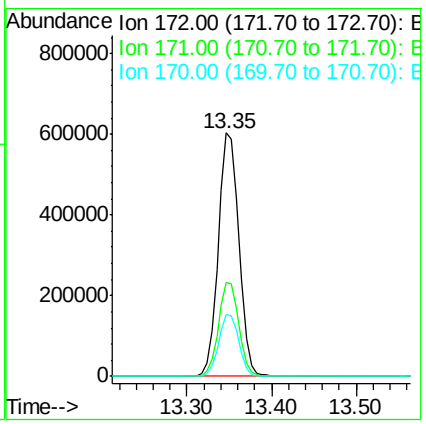


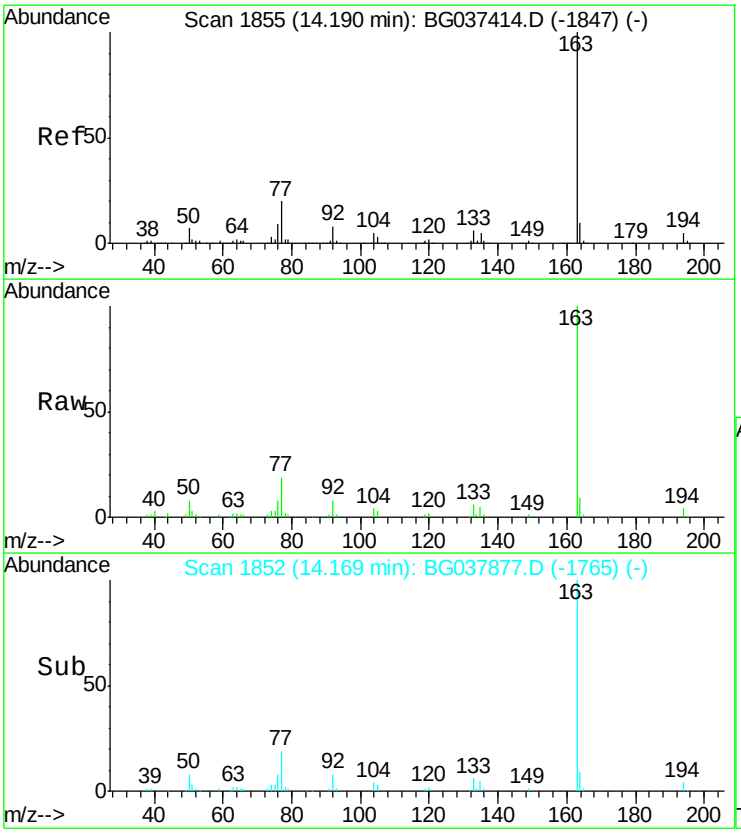
#45
2-Fluorobiphenyl
Concen: 96.00 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1024679

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.2	20.2	30.2

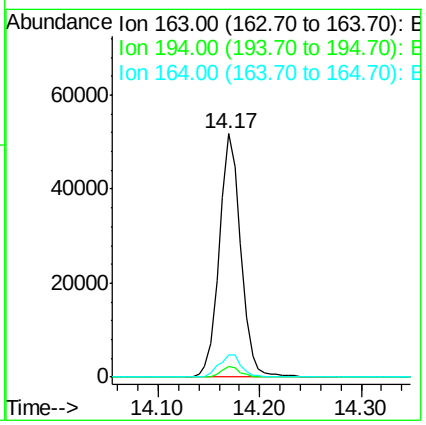


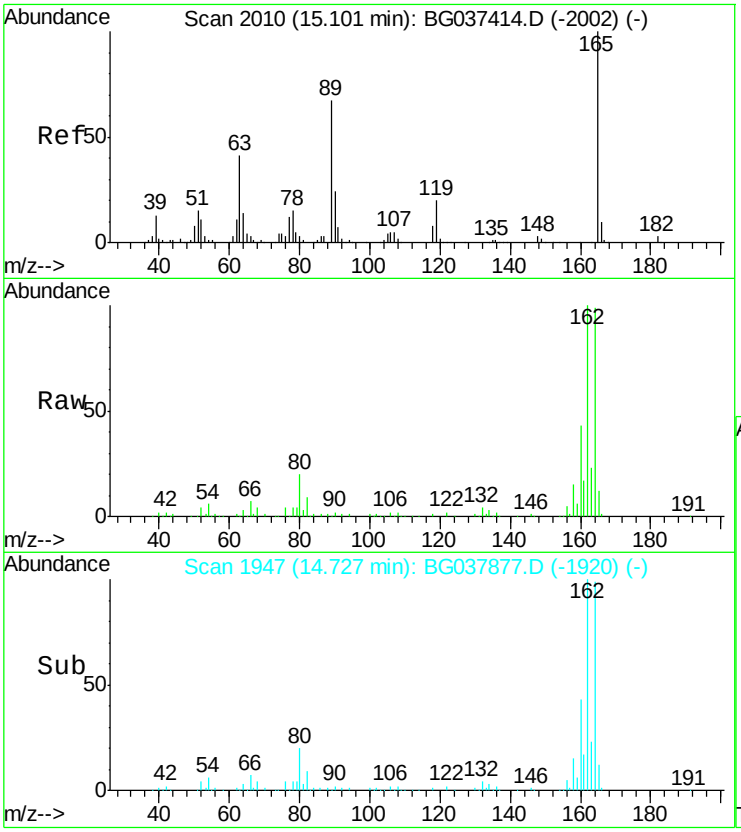


#50
Dimethylphthalate
Concen: 6.12 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion:163 Resp: 76243

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.2	8.5	12.7



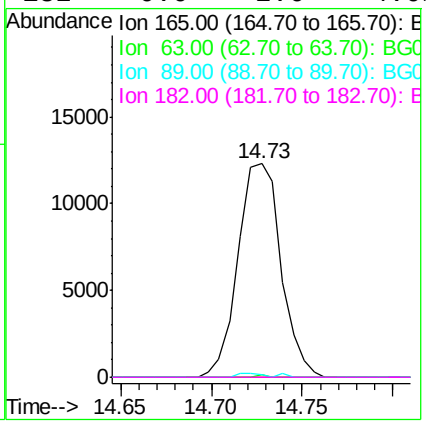


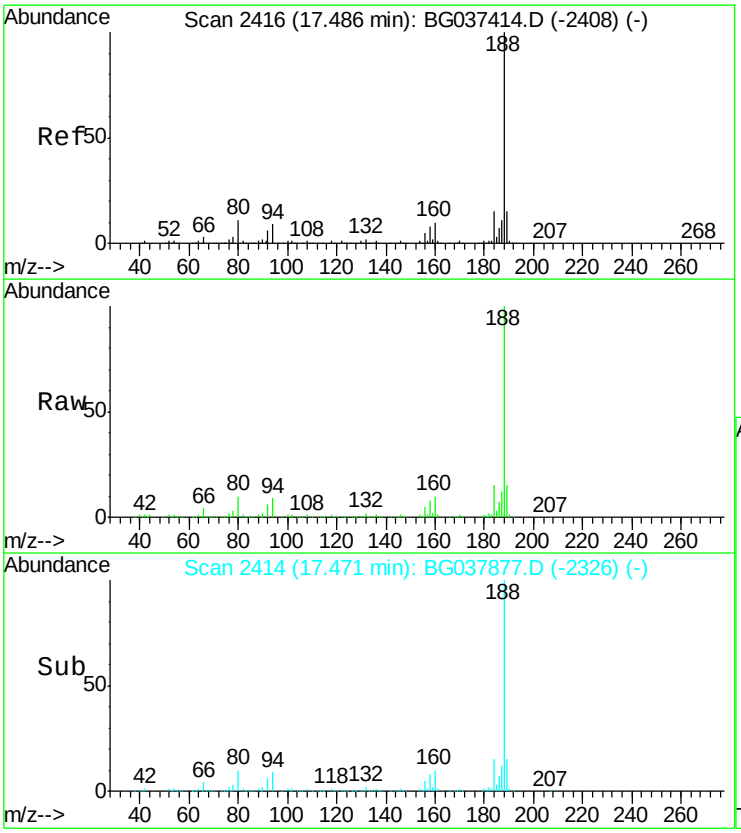
#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20298

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

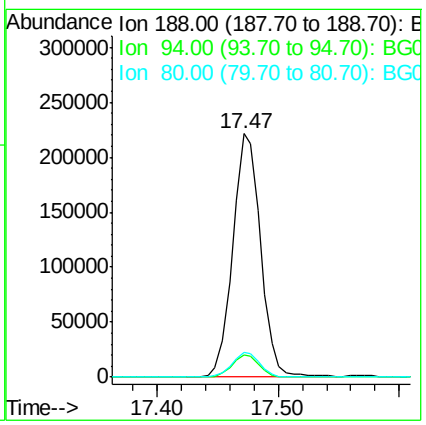


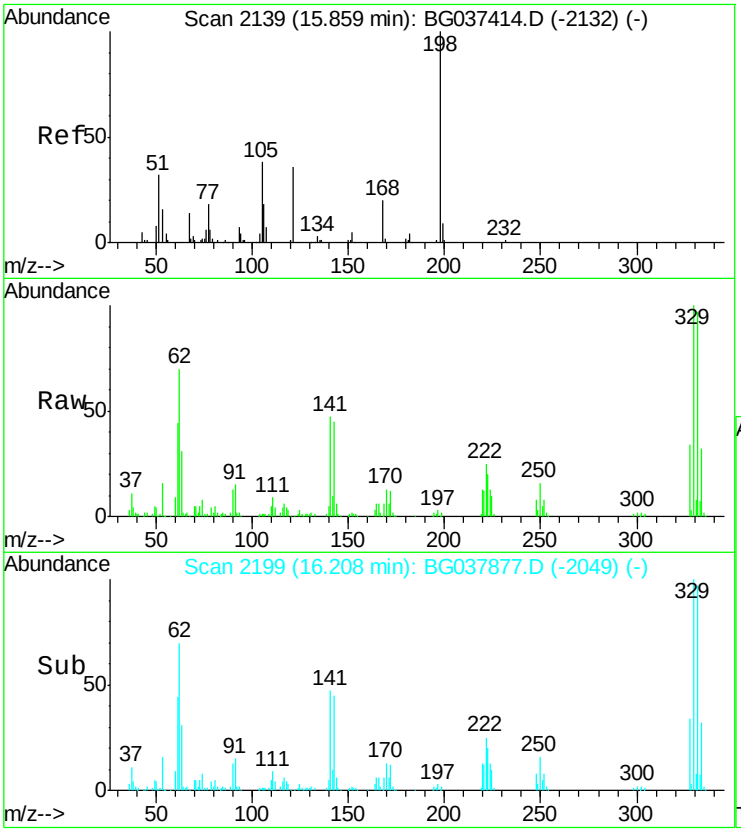


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion:188 Resp: 355186

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	7.7	11.5



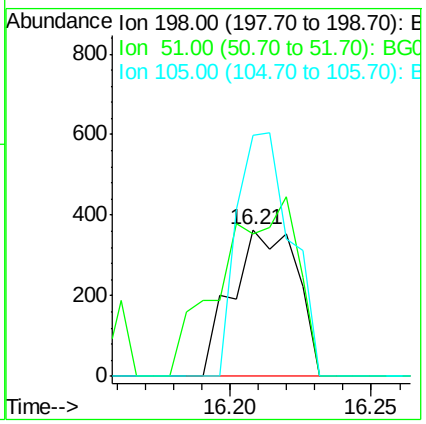


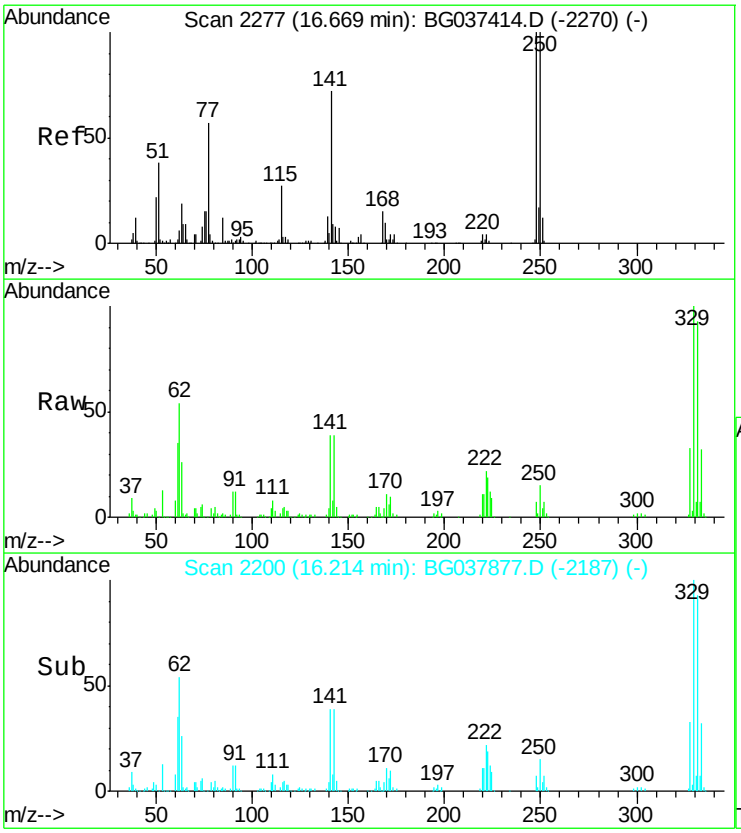
#65
4,6-Dinitro-2-methylphenol
Concen: 8.76 ng
RT: 16.21 min Scan# 2199
Delta R.T. 0.35 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 582

Ion	Ratio	Lower	Upper
198	100		
51	20.4	22.7	62.7#
105	34.4	19.7	59.7

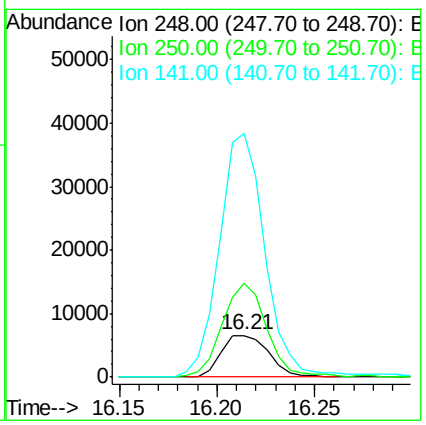


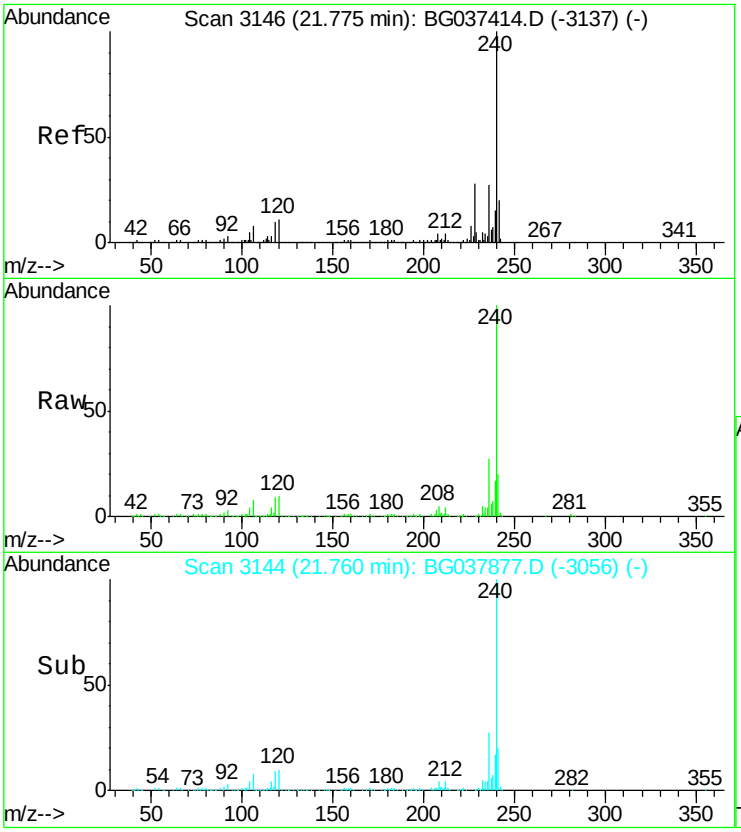


#67
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.46 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion:248 Resp: 11149

Ion	Ratio	Lower	Upper
248	100		
250	214.5	77.0	115.6#
141	435.1	55.5	83.3#



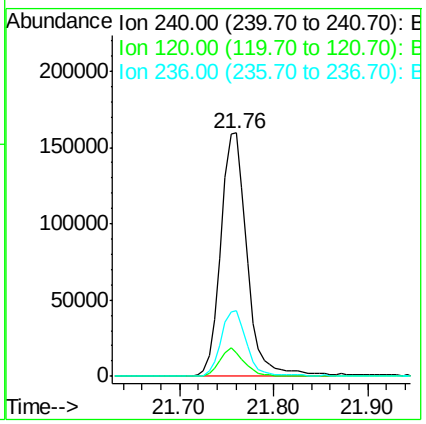


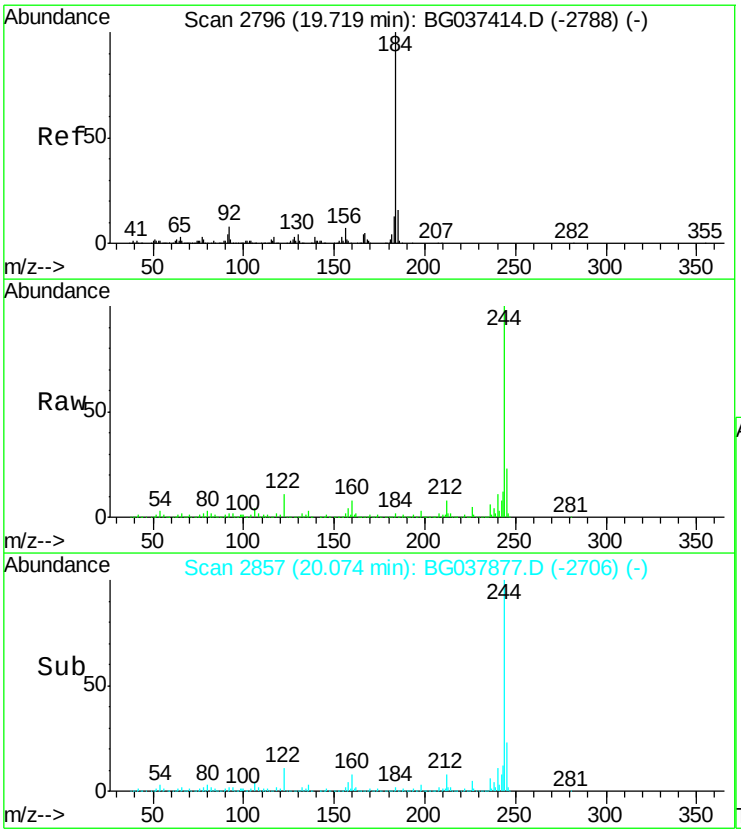
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 311739

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	26.9	21.4	32.0

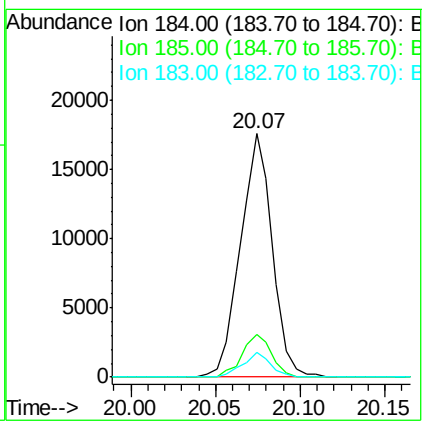


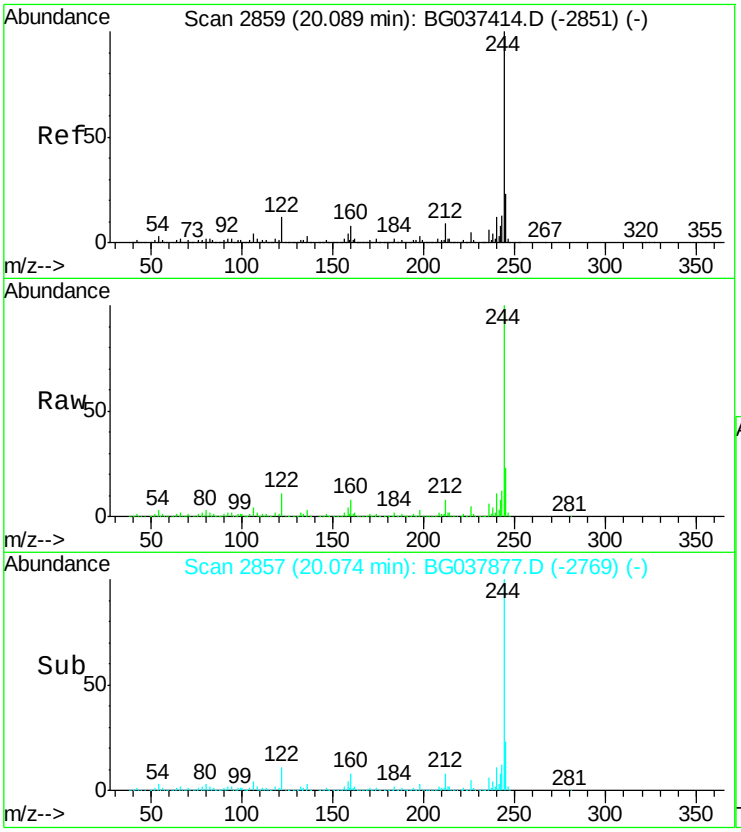


#77
Benzidine
Concen: 2.17 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.36 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion:184 Resp: 23017

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.6	18.8
183	10.0	10.2	15.2#



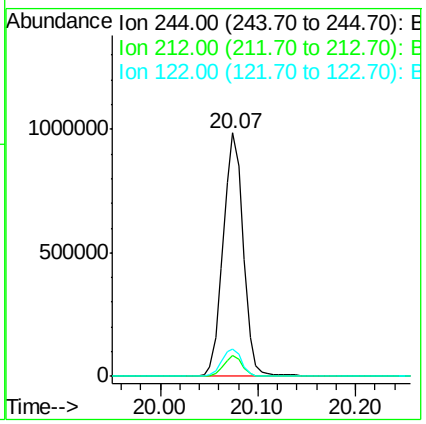


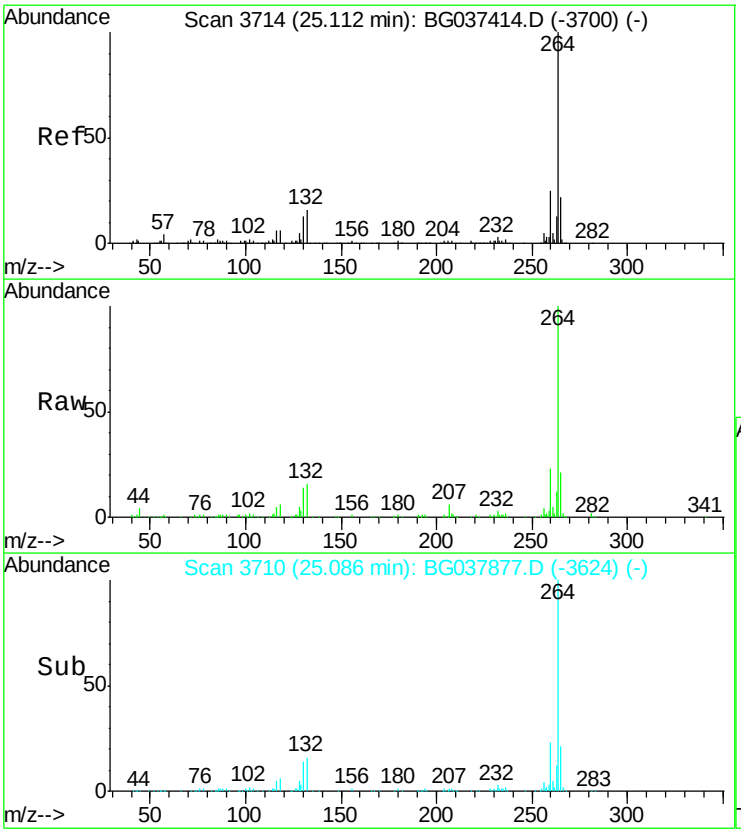
#79
Terphenyl-d14
Concen: 96.88 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1413451

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.4	9.0	13.4





#87
Perylene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037877.D
Acq: 7 Nov 2018 23:15

Tgt Ion:264 Resp: 300643

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.4	17.9	26.9