Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037590.D
Acq On : 26 Oct 2018 21:07
Operator : JU/SJ
Sample : J5662-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 27 03:40:43 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	55092	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	232657	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	158762	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	387266	20.00	ng		0.00
76) Chrysene-d12	21.77	240	350415	20.00	ng		0.00
87) Perylene-d12	25.10	264	343897	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	138804	42.12	ng		0.00
7) Phenol-d6	7.24	99	128657	25.82	ng		0.00
23) Nitrobenzene-d5	9.28	82	400465	96.42	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	164700	95.11	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	955639	90.77	ng		0.00
79) Terphenyl-d14	20.08	244	1438804	87.74	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	68146	12.962	ng		97
19) n-Nitroso-di-n-propylamine	9.28	70	49439	14.408	ng	#	70
50) Dimethylphthalate	14.18	163	46602	3.794	ng		97
51) 2,6-Dinitrotoluene	14.73	165	20372	7.498	ng	#	25
57) 2,4-Dinitrotoluene	14.73	165	20372	5.712	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	644	8.768	ng		73
67) 4-Bromophenyl-phenylether	16.22	248	12301	2.892	ng	#	1
77) Benzidine	20.08	184	24095	2.022	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037590.D
Acq On : 26 Oct 2018 21:07
Operator : JU/SJ
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Misc :
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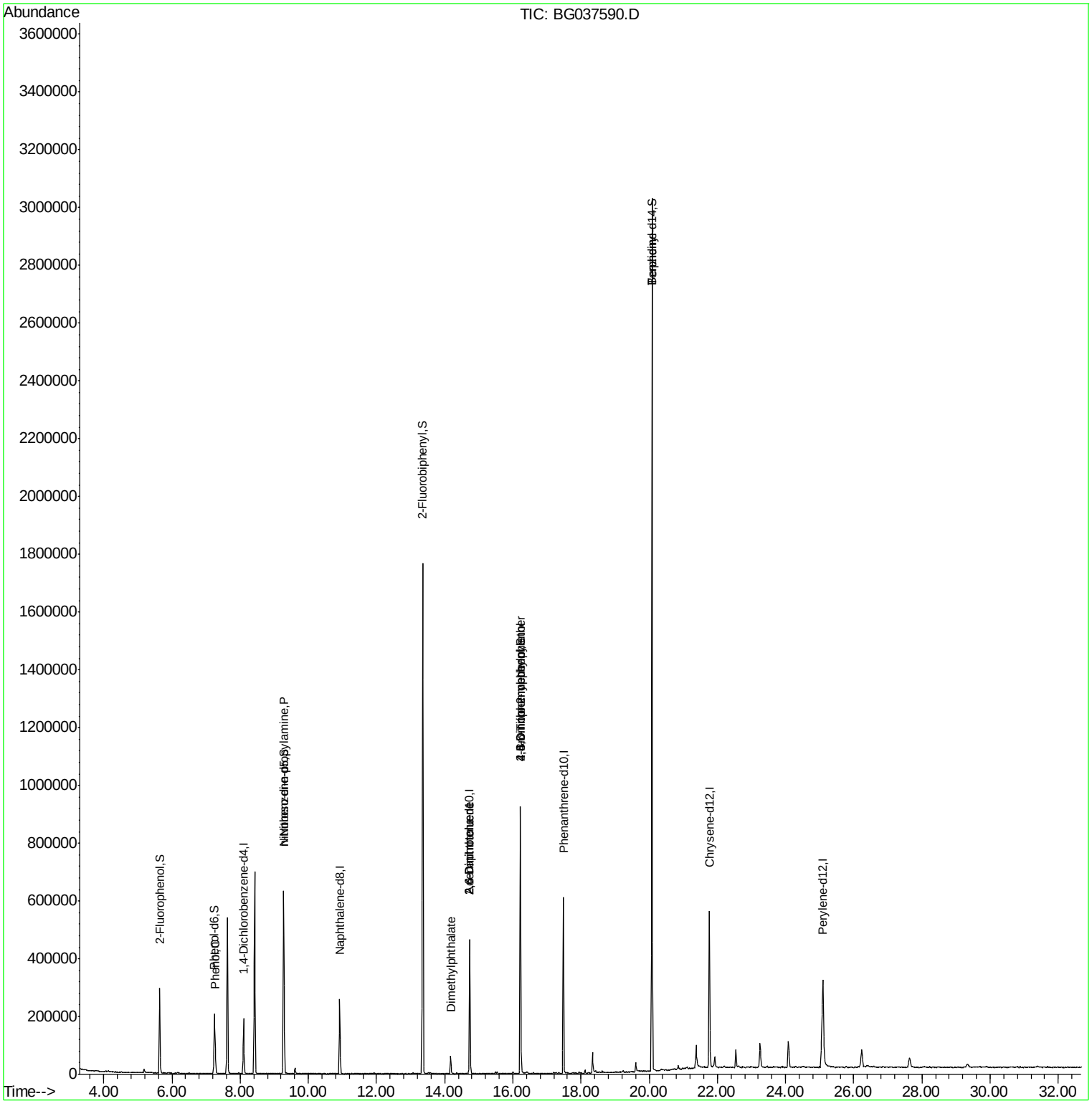
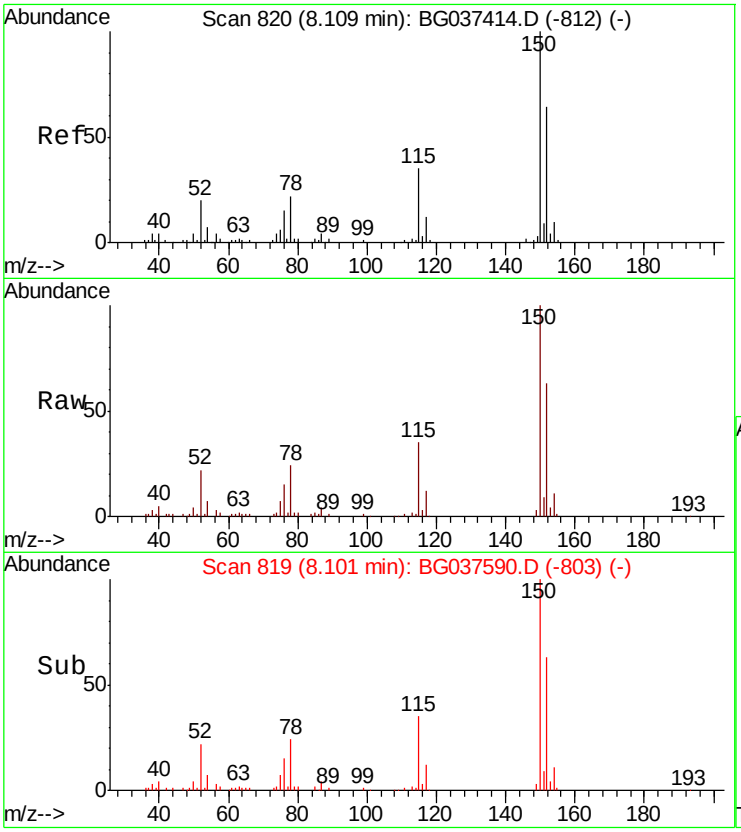


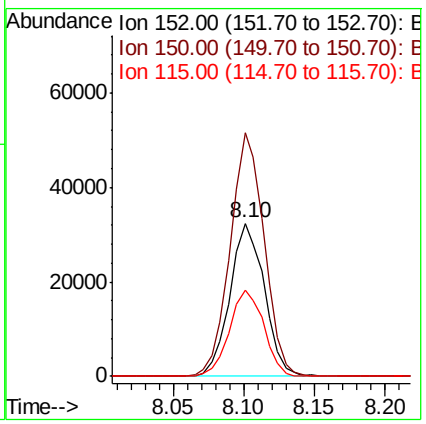


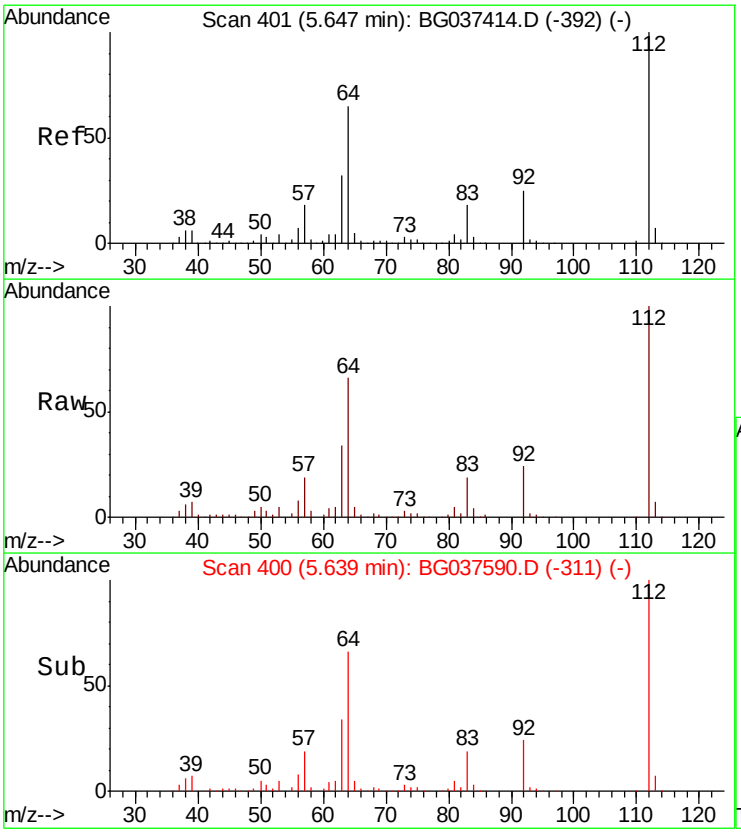
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55092

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.0	189.0
115	56.0	45.5	68.3

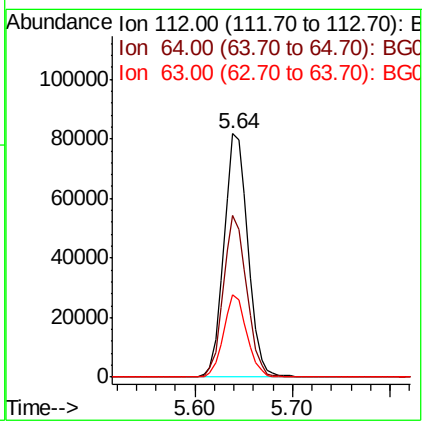


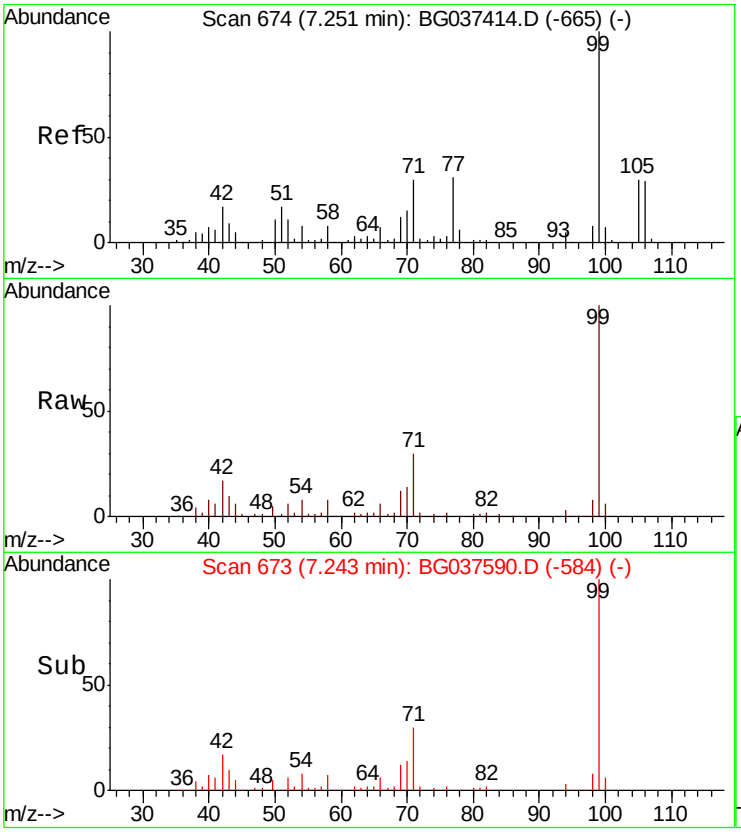


#5
2-Fluorophenol
Concen: 42.122 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:112 Resp: 138804

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	33.6	27.3	40.9



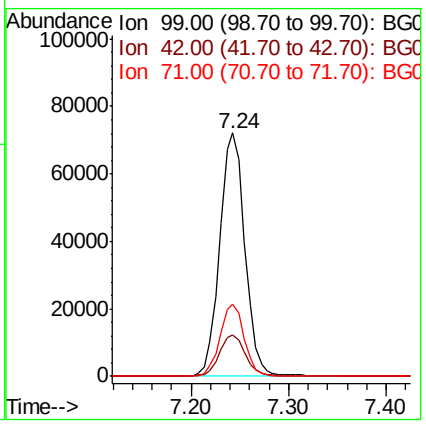


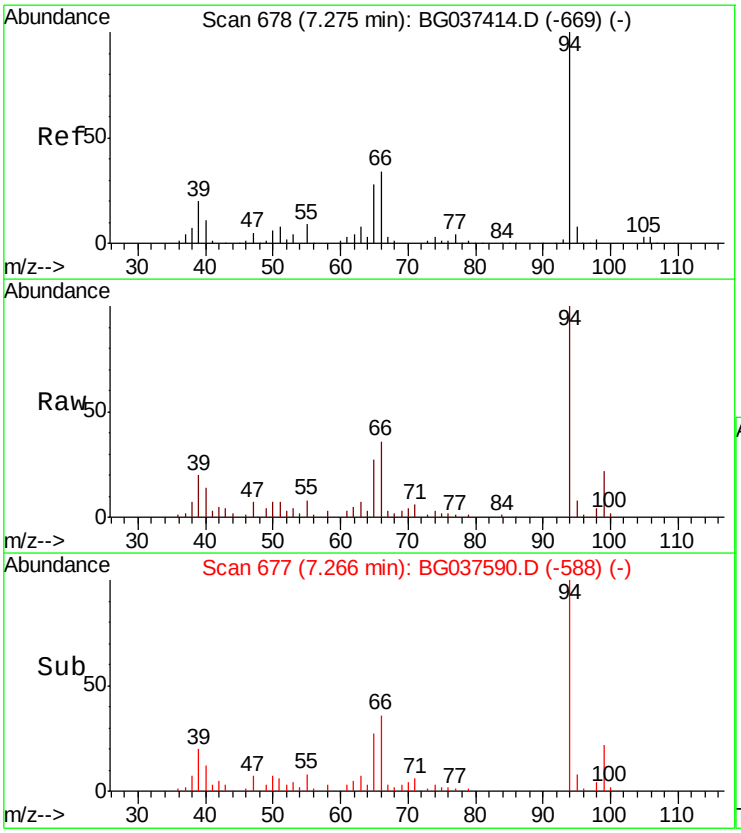
#7
Phenol-d6
Concen: 25.820 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 128657

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.4
71	29.8	25.5	38.3

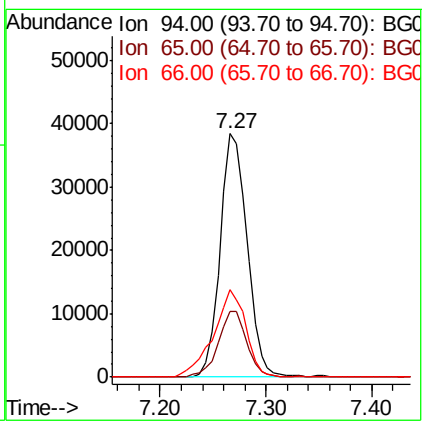


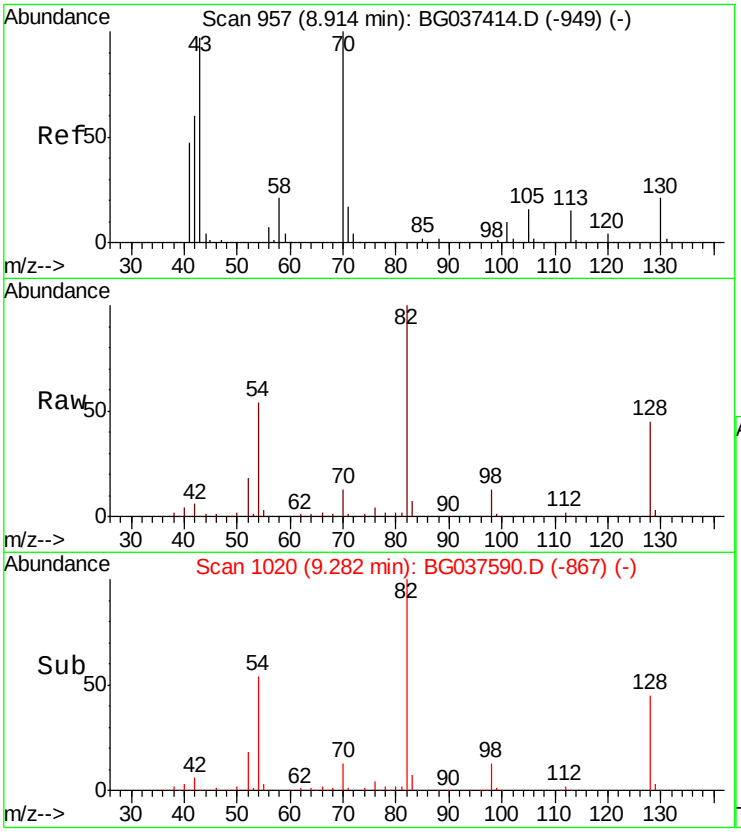


#10
Phenol
Concen: 12.962 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion: 94 Resp: 68146

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.7	49.7
66	35.7	15.9	55.9



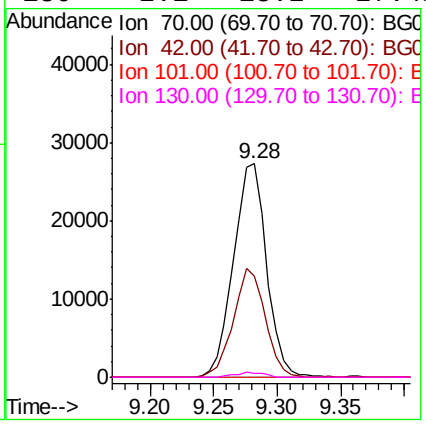


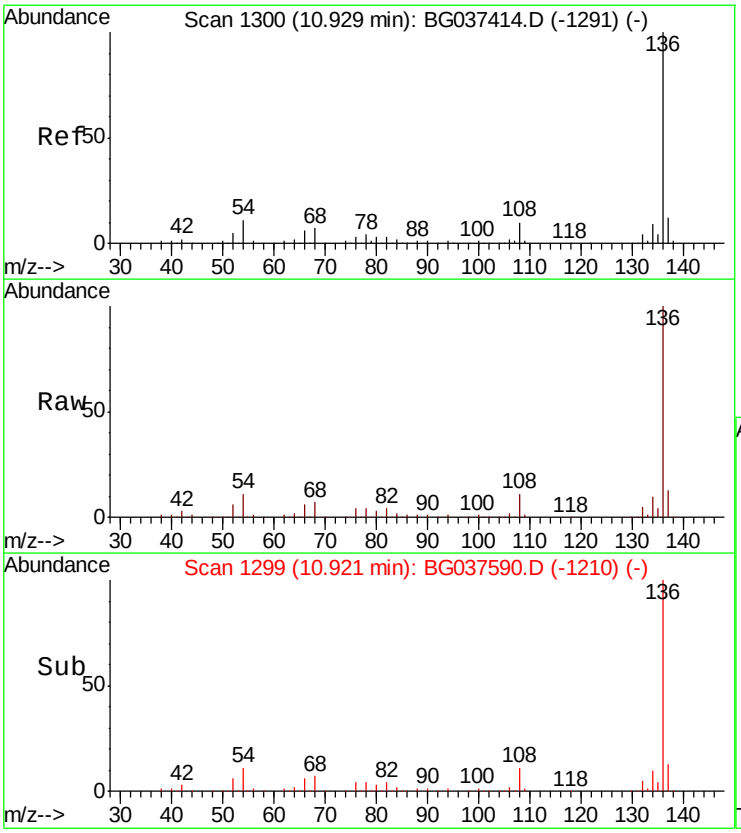
#19
n-Nitroso-di-n-propylamine
Concen: 14.408 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 49439

Ion	Ratio	Lower	Upper
70	100		
42	47.1	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#

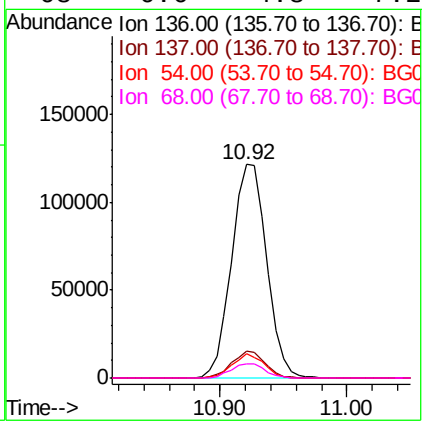


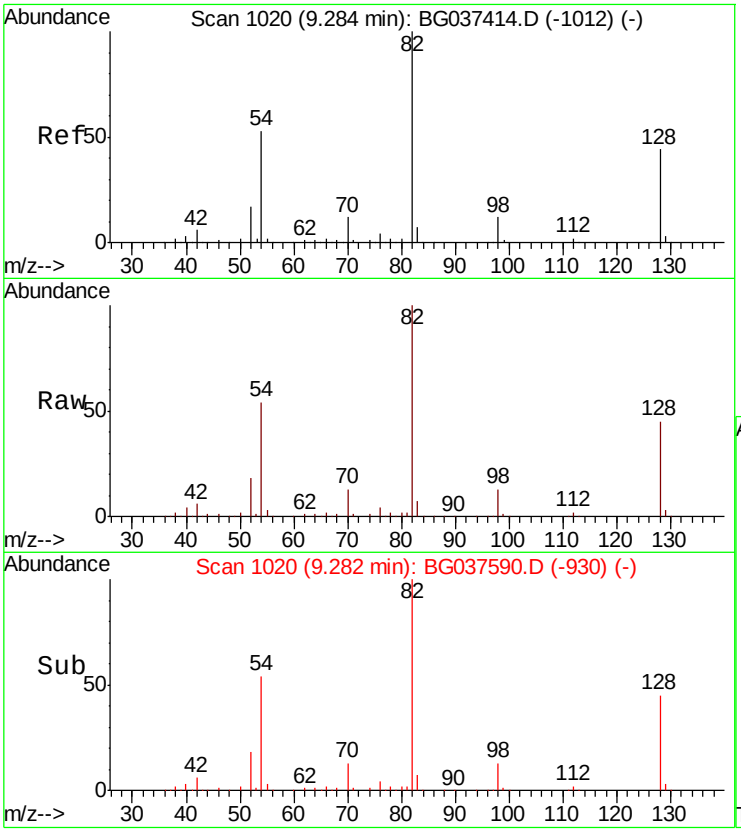


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:136 Resp: 232657

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	11.9	7.9	11.9
68	6.6	4.8	7.2



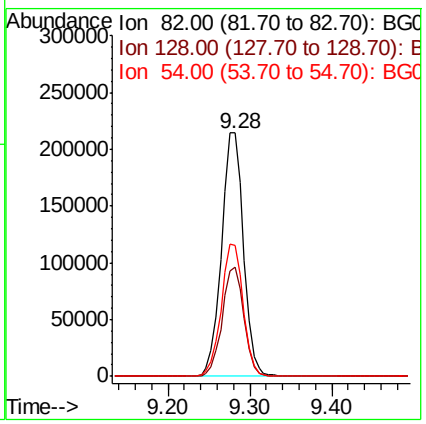


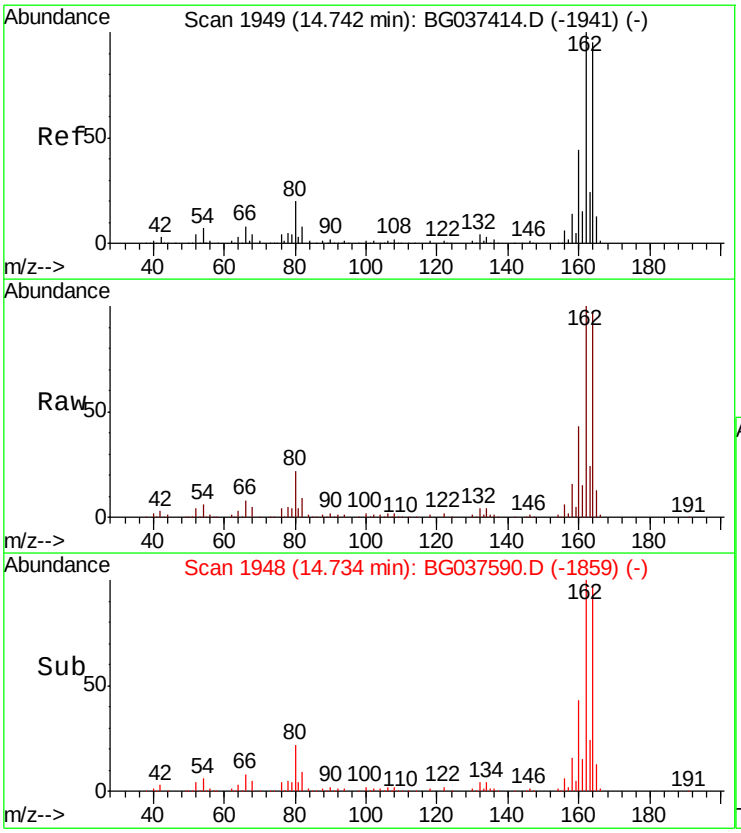
#23
Nitrobenzene-d5
Concen: 96.424 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 400465

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	53.9	45.3	67.9

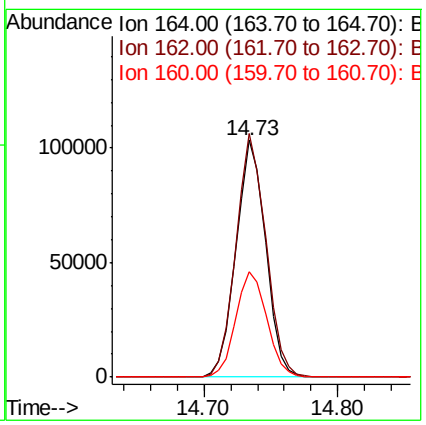


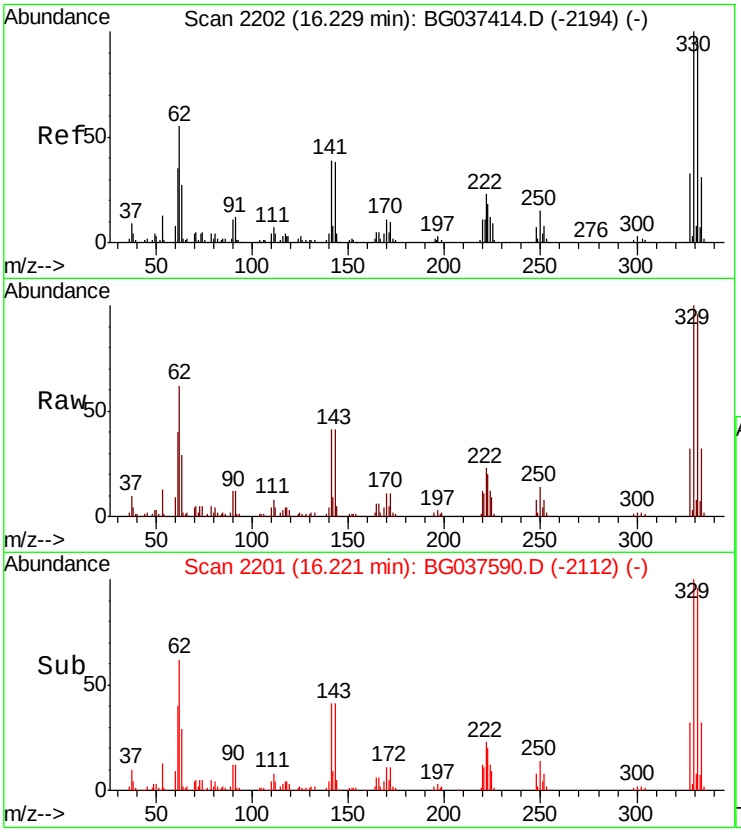


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:164 Resp: 158762

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	44.4	36.3	54.5



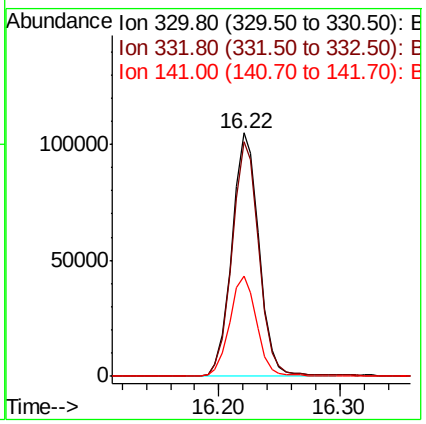


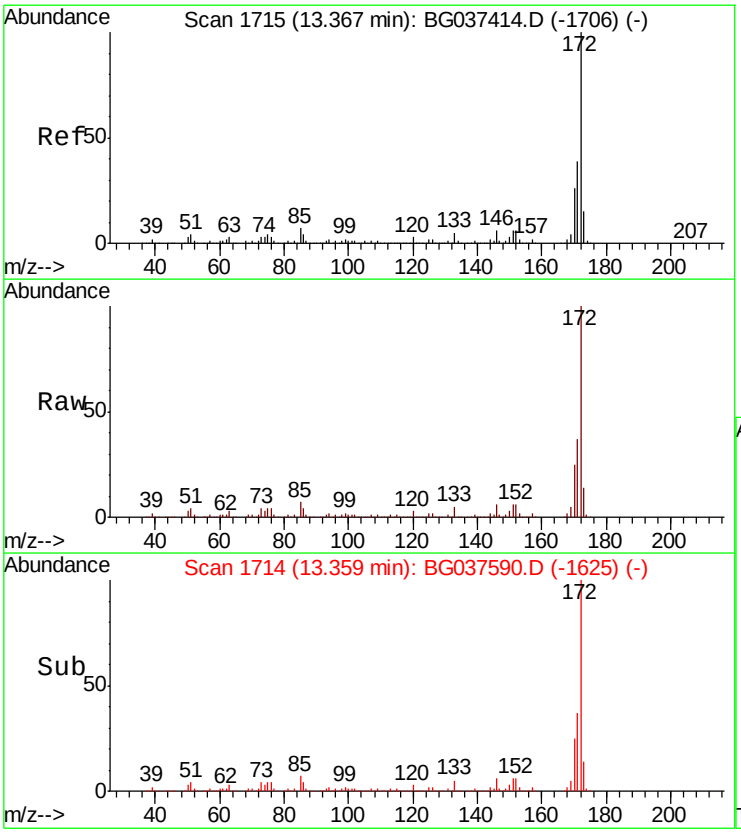
#42
2,4,6-Tribromophenol
Concen: 95.114 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 164700

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	41.0	32.2	48.2

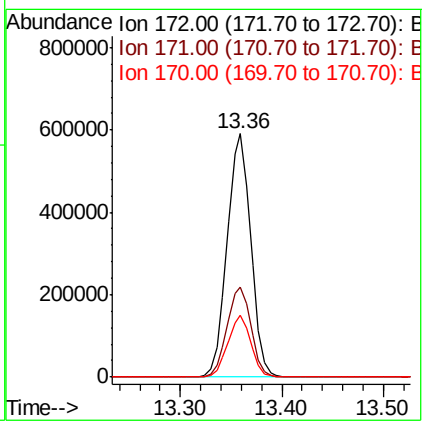


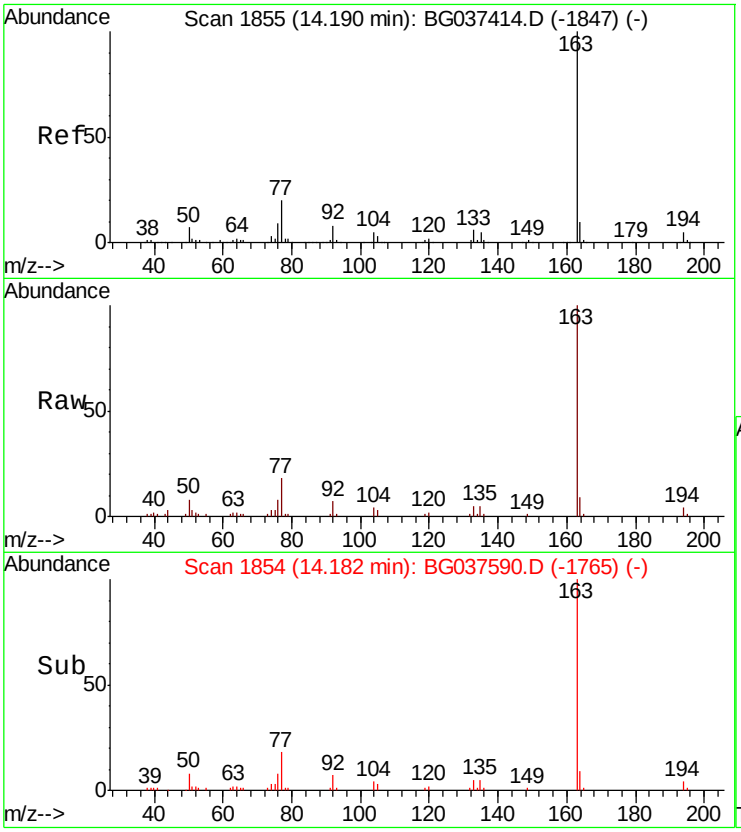


#45
2-Fluorobiphenyl
Concen: 90.768 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:172 Resp: 955639

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	25.1	20.2	30.2



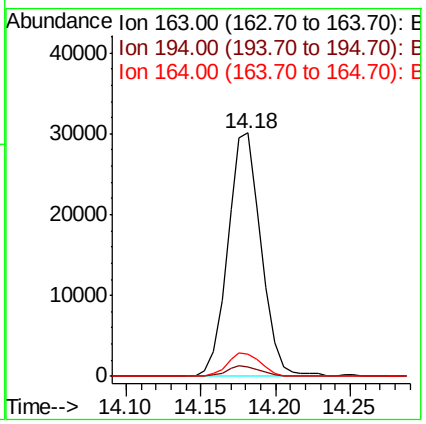


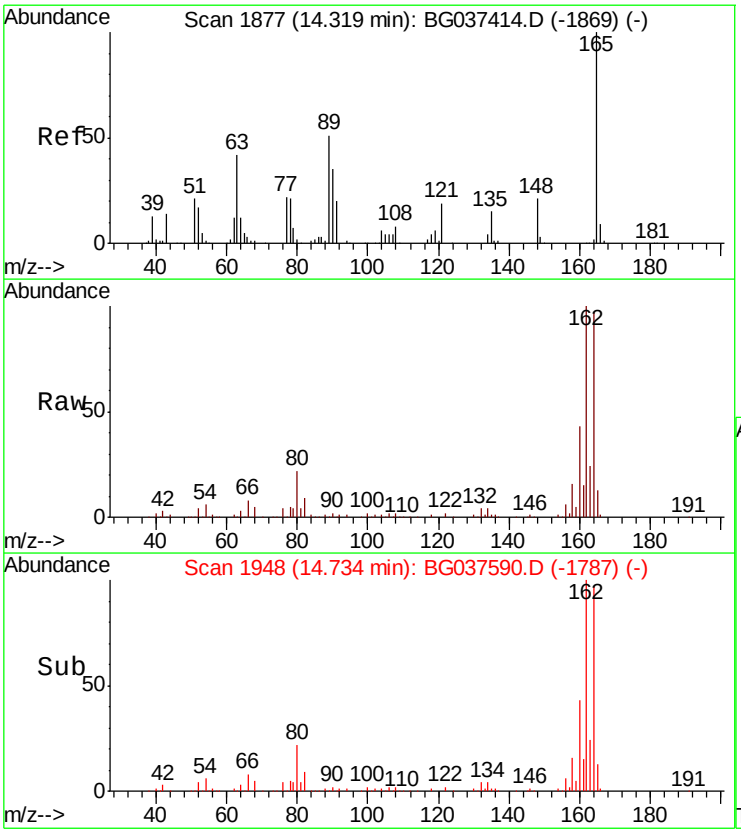
#50
Dimethylphthalate
Concen: 3.794 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 46602

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.1	8.5	12.7

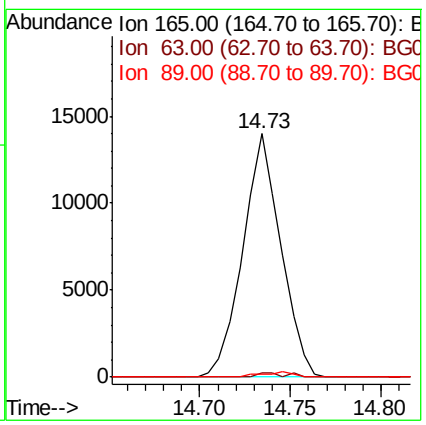


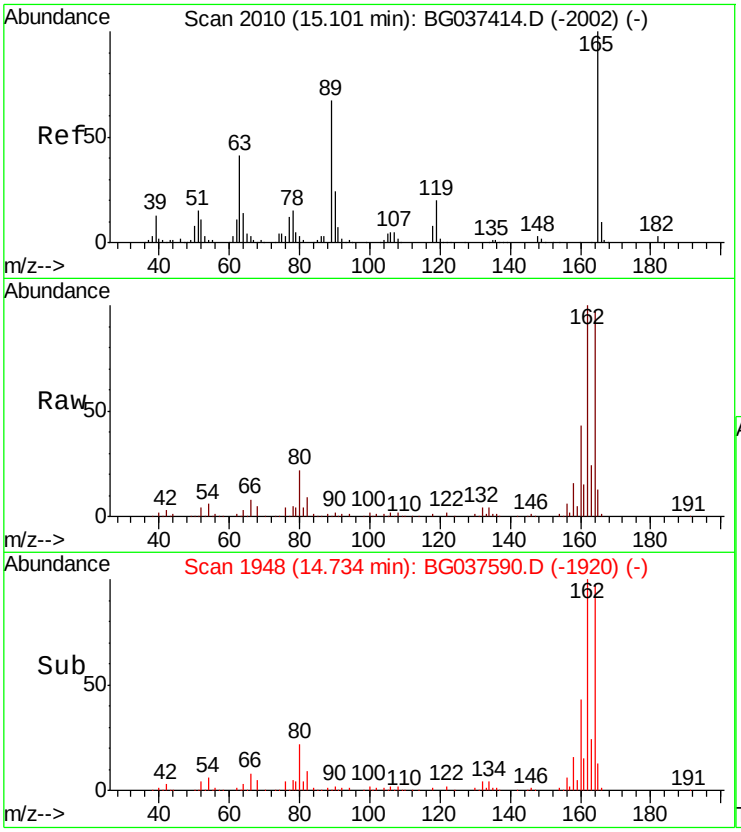


#51
2,6-Dinitrotoluene
Concen: 7.498 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:165 Resp: 20372

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.4	45.8	68.6#



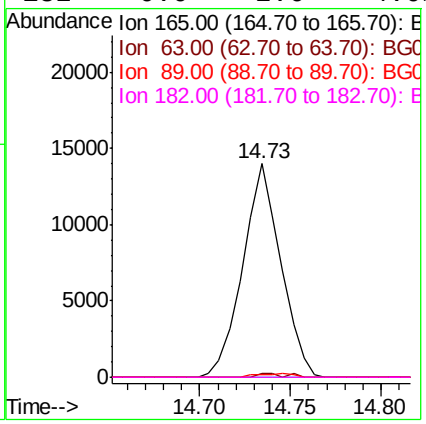


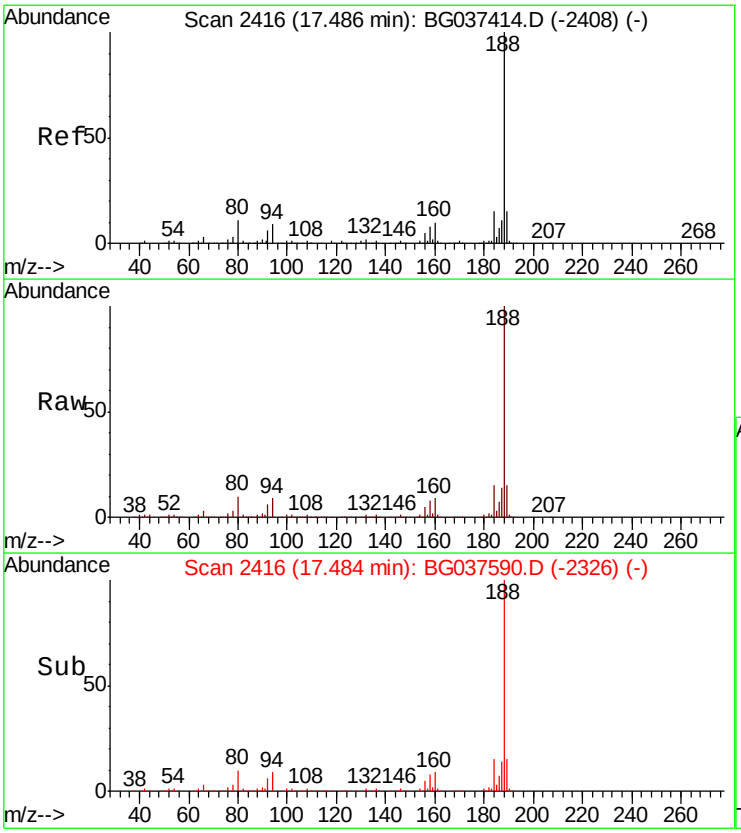
#57
2,4-Dinitrotoluene
Concen: 5.712 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20372

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#

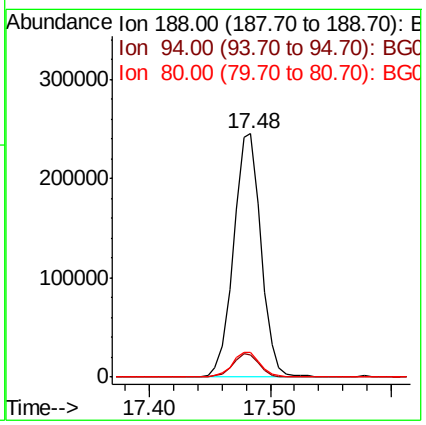


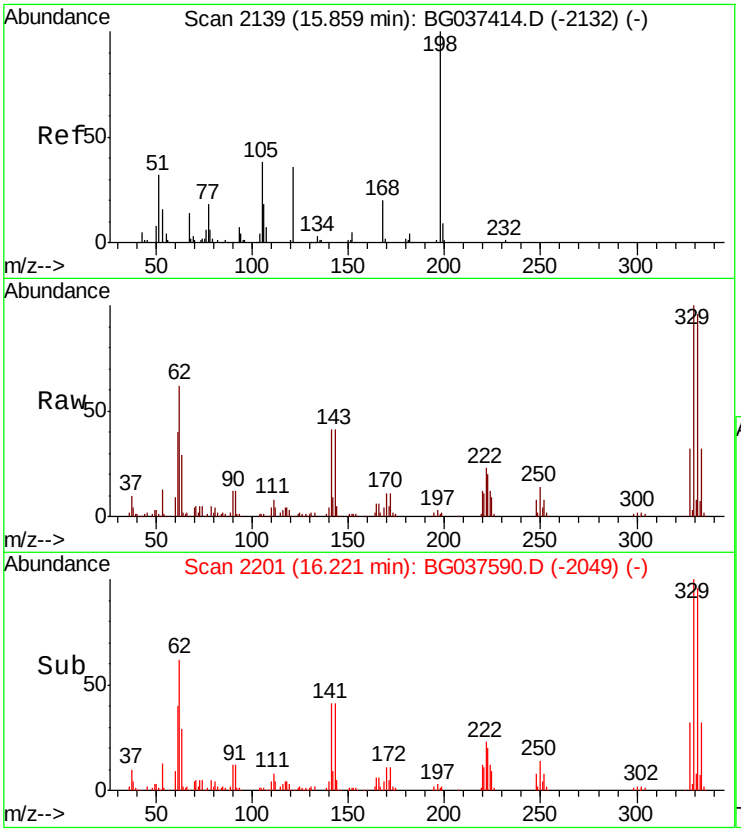


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:188 Resp: 387266

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.4	7.7	11.5



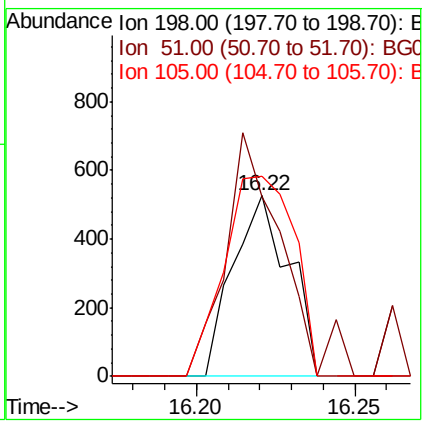


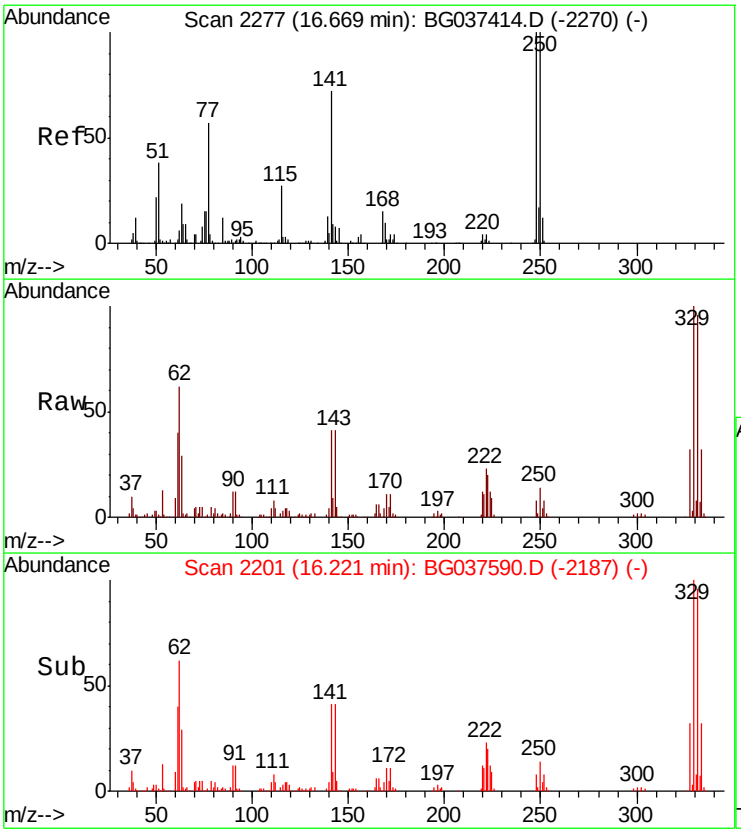
#65
4,6-Dinitro-2-methylphenol
Concen: 8.768 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 644

Ion	Ratio	Lower	Upper
198	100		
51	22.9	22.7	62.7
105	25.5	19.7	59.7

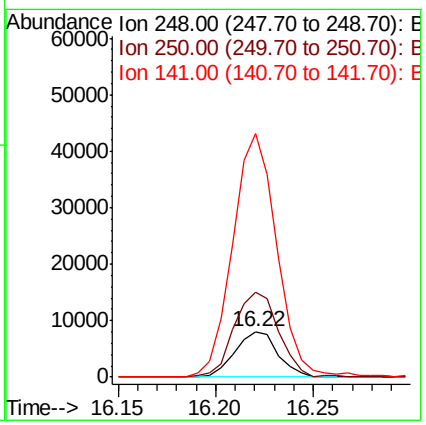


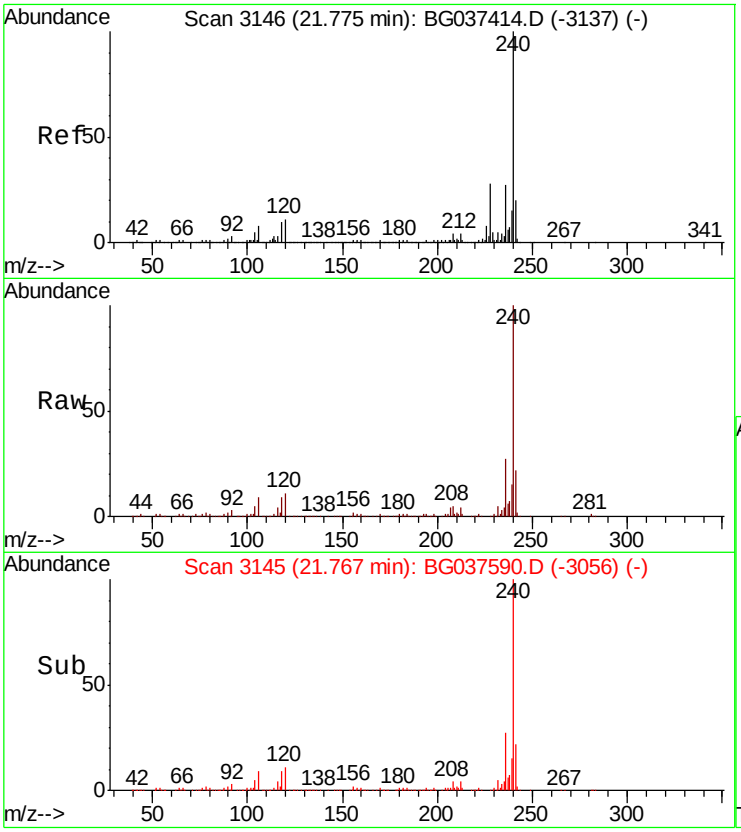


#67
4-Bromophenyl-phenylether
Concen: 2.892 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:248 Resp: 12301

Ion	Ratio	Lower	Upper
248	100		
250	187.3	77.0	115.6#
141	420.1	55.5	83.3#



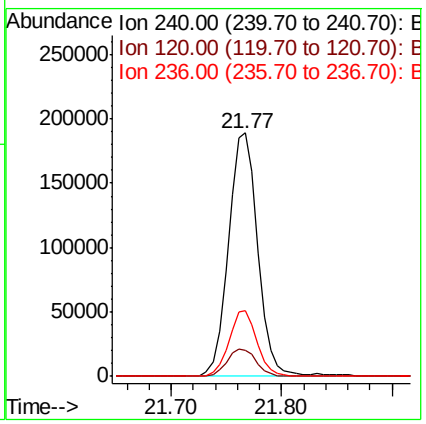


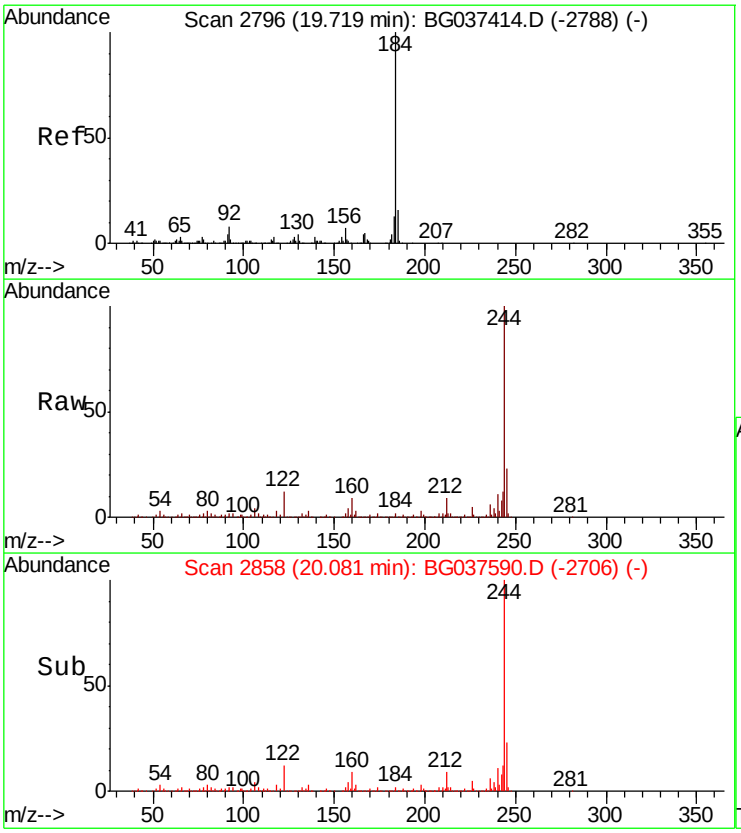
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 350415

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.1	21.4	32.0

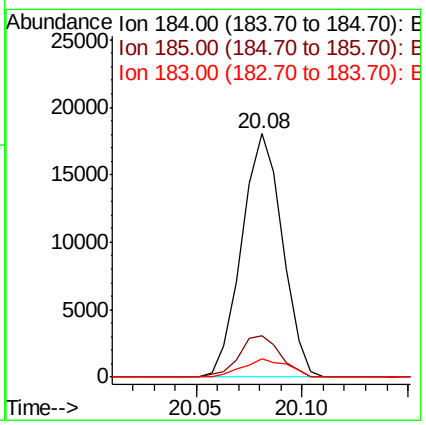


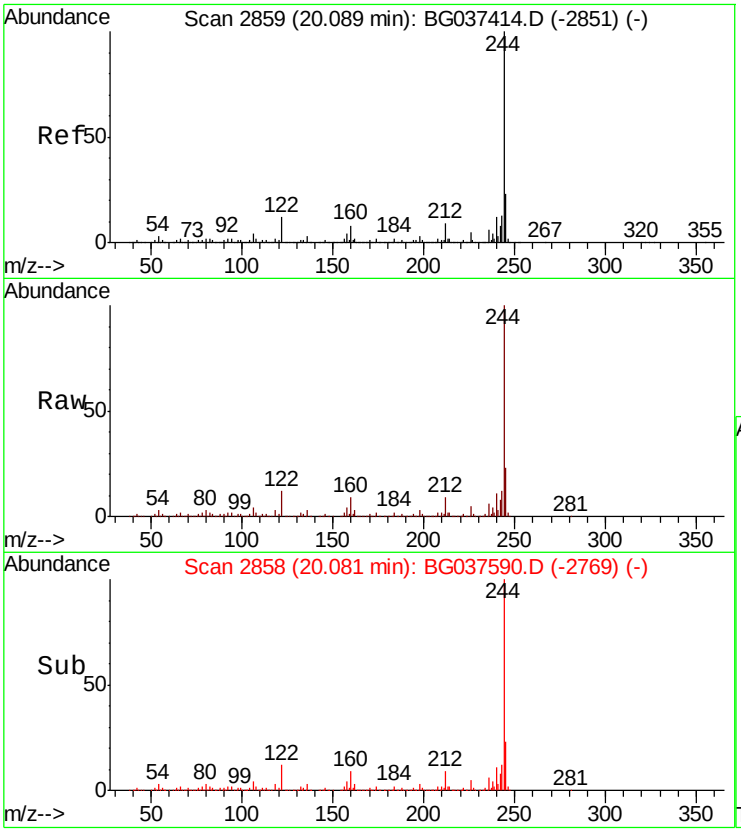


#77
Benzidine
Concen: 2.022 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:184 Resp: 24095

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.6	18.8
183	7.7	10.2	15.2#



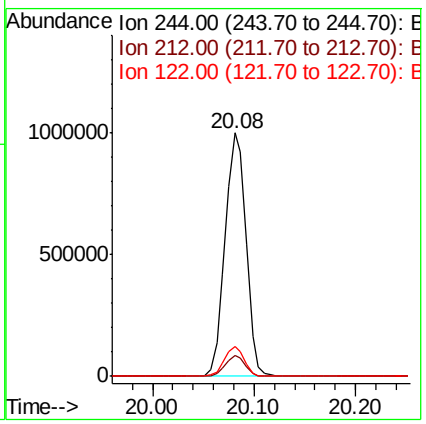


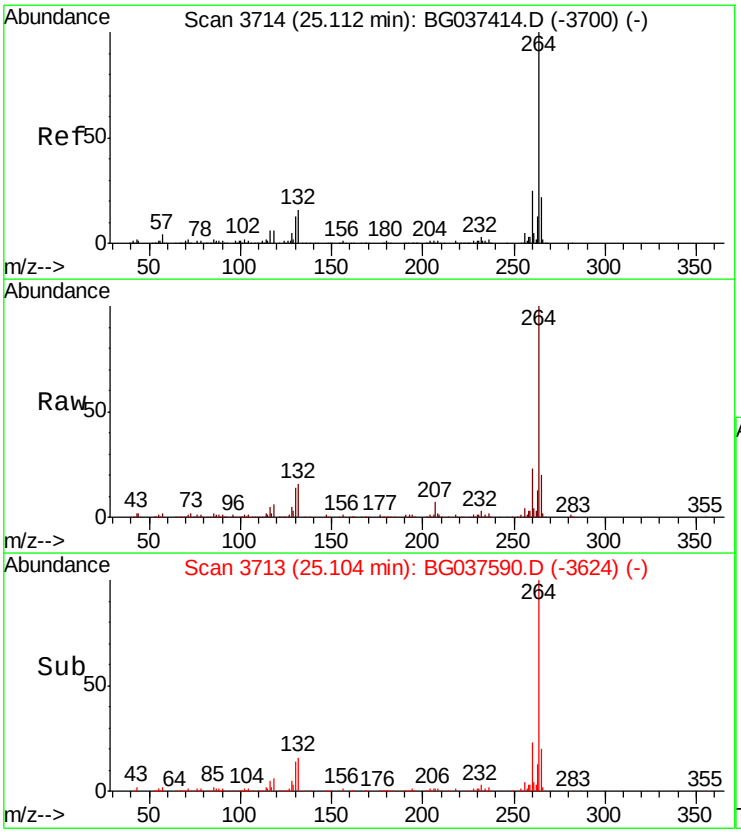
#79
Terphenyl-d14
Concen: 87.736 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1438804

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:264 Resp: 343897

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	19.7	17.9	26.9