Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037502.D
Acq On : 24 Oct 2018 8:58
Operator : JU/SJ
Sample : J5604-05RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 24 09:37:02 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	8.11	152	70925	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	313297	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	197357	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	423825	20.00	ng		0.00
76) Chrysene-d12	21.77	240	388300	20.00	ng		0.00
87) Perylene-d12	25.10	264	404953	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	11776	2.78	ng		0.00
7) Phenol-d6	7.25	99	213073	33.22	ng		0.00
23) Nitrobenzene-d5	9.29	82	373207	66.73	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	226658	105.30	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	895495	68.42	ng		0.00
79) Terphenyl-d14	20.09	244	1163870	64.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.28	94	33151	4.898	ng		94
27) 2,4-Dimethylphenol	10.12	122	38493	8.237	ng	#	83
50) Dimethylphthalate	14.19	163	48220	3.158	ng		100
54) 2,4-Dinitrophenol	14.96	184	57	6.178	ng	#	1
57) 2,4-Dinitrotoluene	14.74	165	25990	5.862	ng	#	28
65) 4,6-Dinitro-2-methylphenol	16.06	198	71	8.534	ng	#	1
67) 4-Bromophenyl-phenylether	16.23	248	16447	3.534	ng	#	1

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

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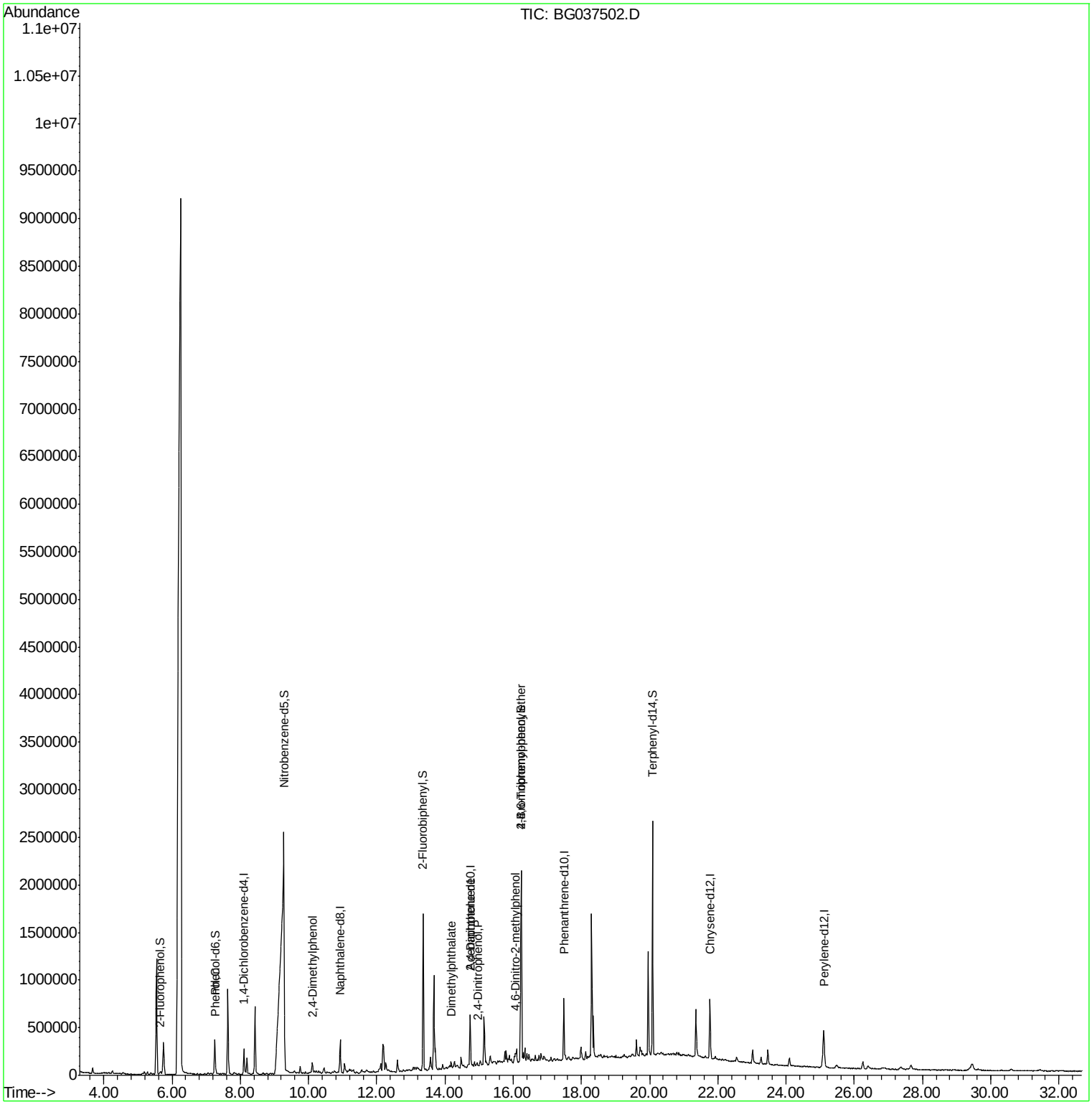
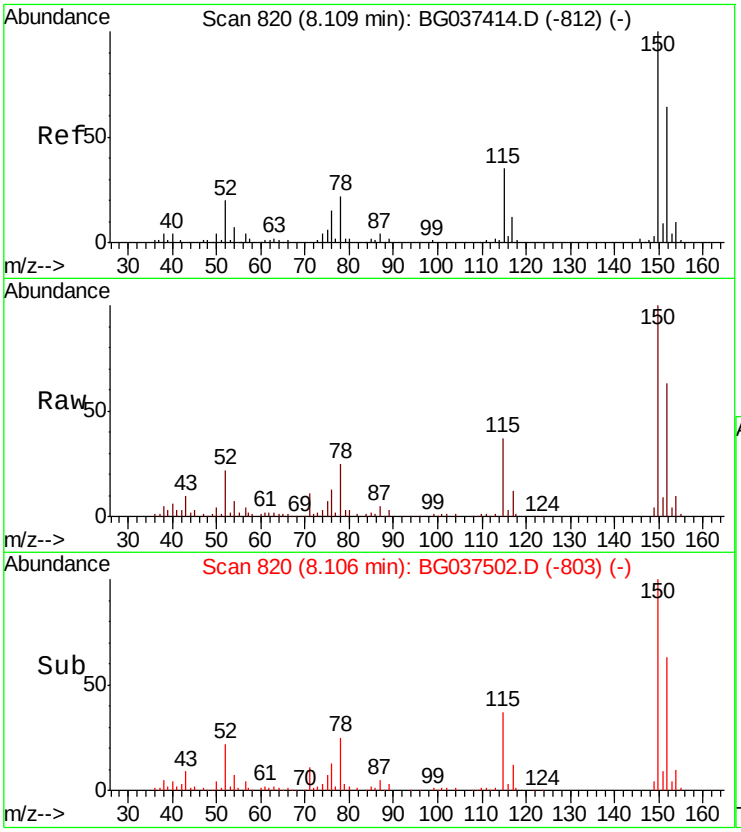


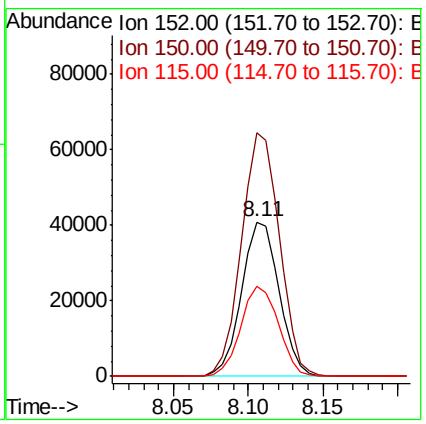


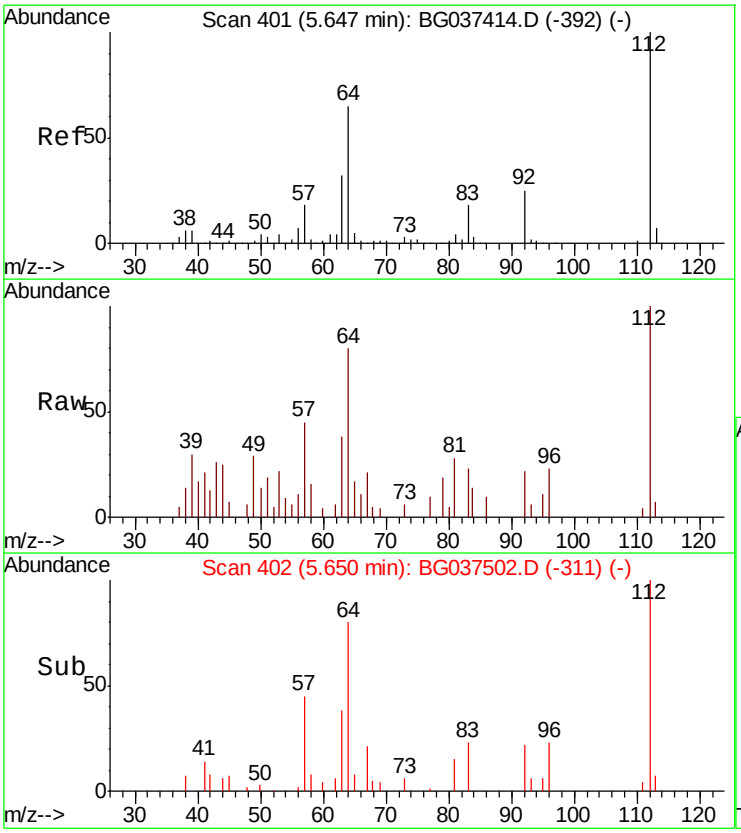
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70925

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	58.0	45.5	68.3

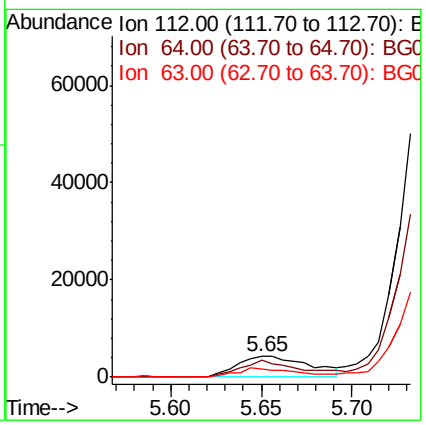


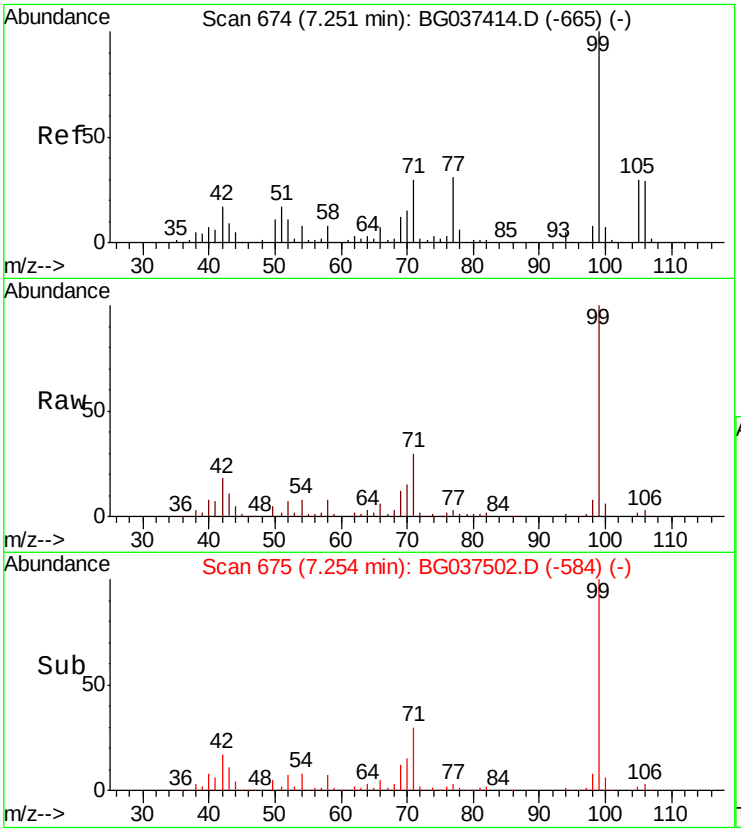


#5
2-Fluorophenol
Concen: 2.776 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:112 Resp: 11776

Ion	Ratio	Lower	Upper
112	100		
64	79.5	53.1	79.7
63	37.9	27.3	40.9



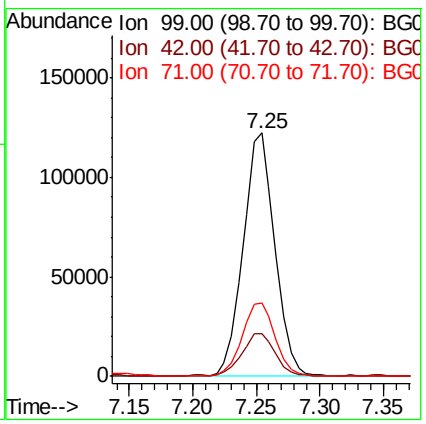


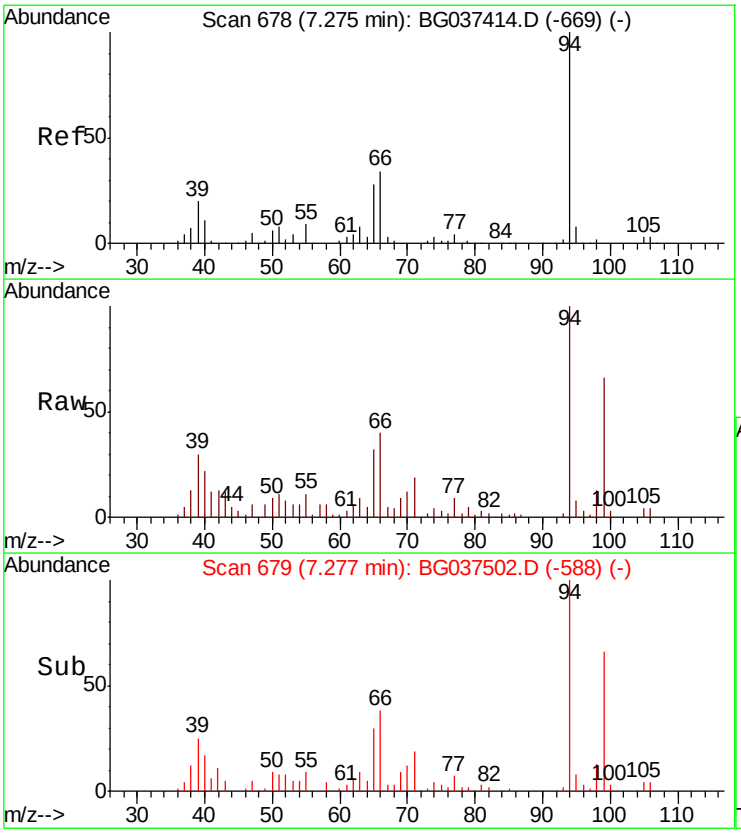
#7
Phenol-d6
Concen: 33.215 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 213073

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	30.1	25.5	38.3

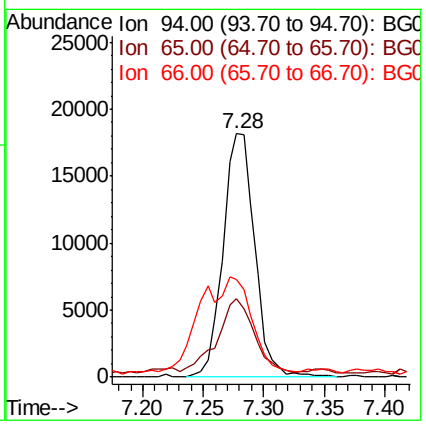


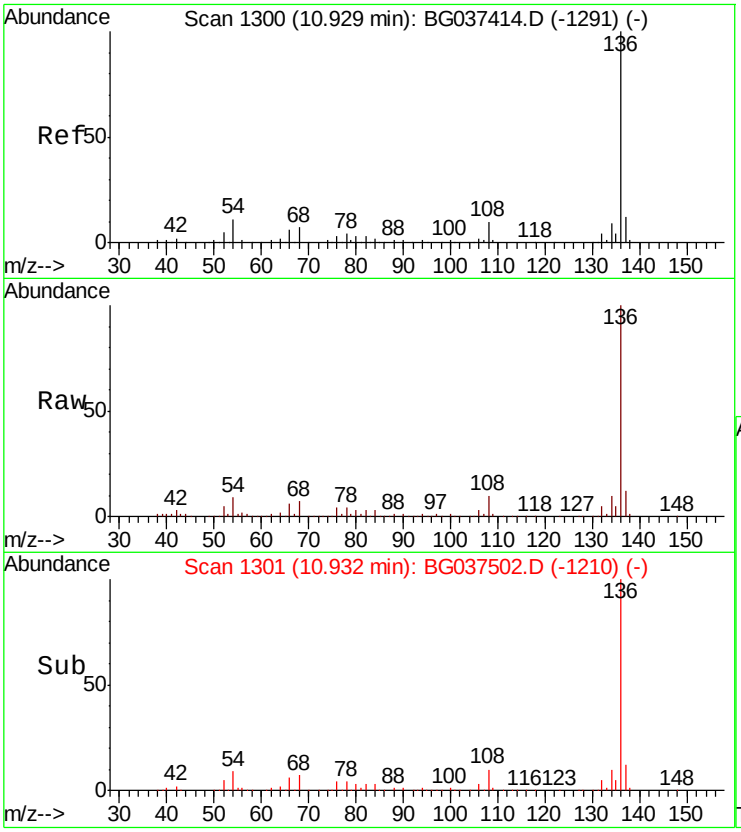


#10
Phenol
Concen: 4.898 ng
RT: 7.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion: 94 Resp: 33151

Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.7	49.7
66	40.1	15.9	55.9



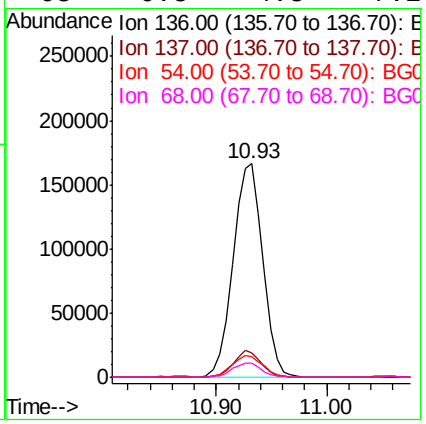


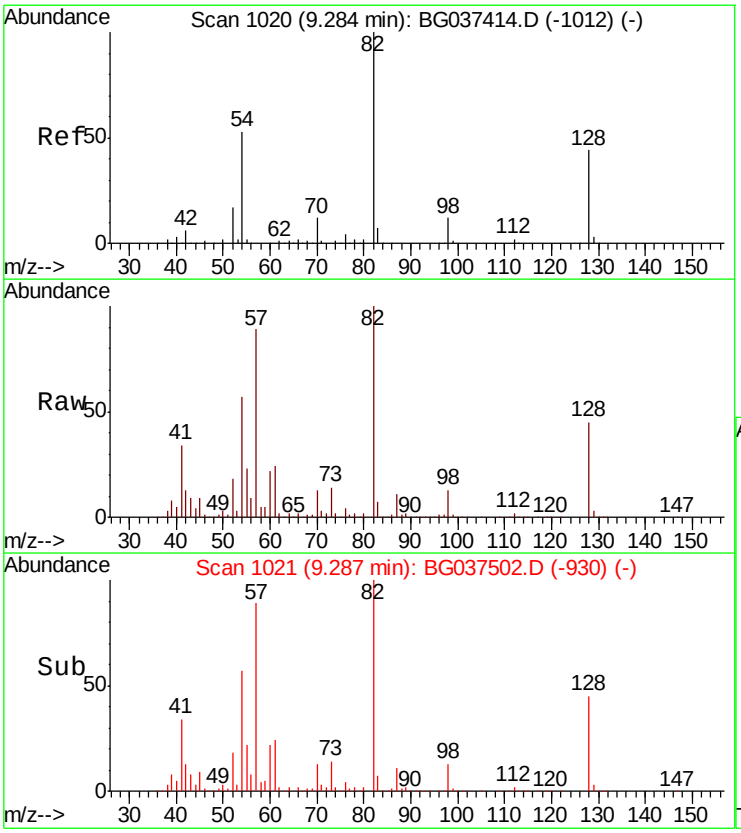
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 313297

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.4	7.9	11.9
68	6.8	4.8	7.2

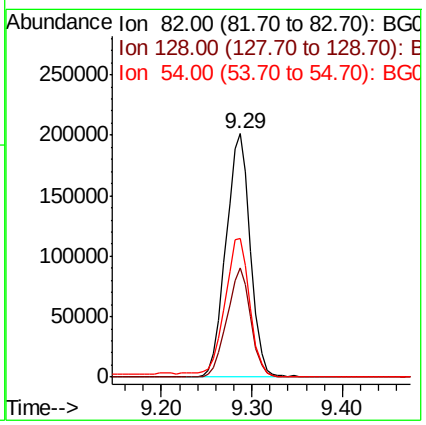


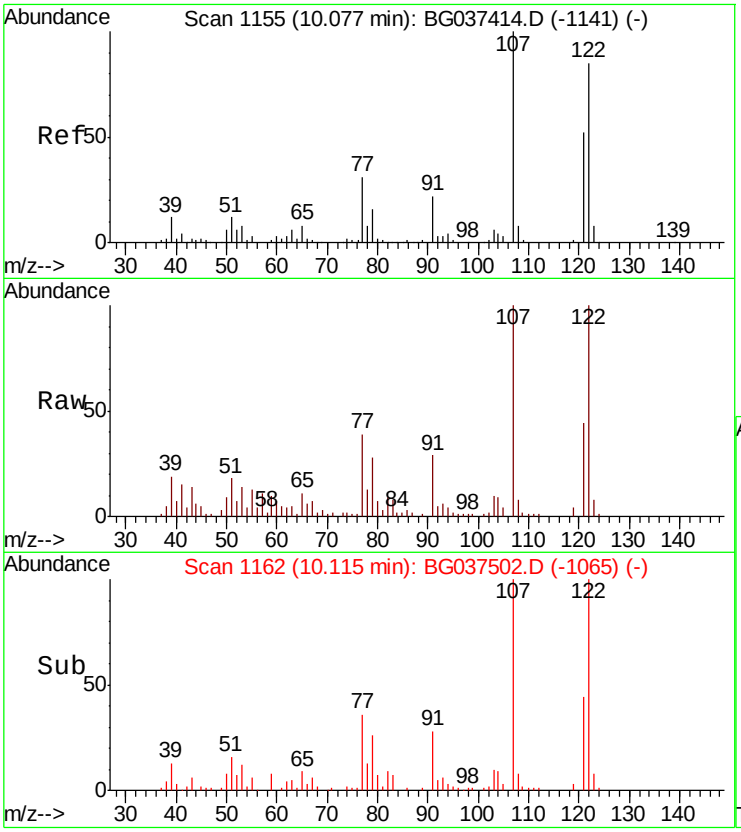


#23
Nitrobenzene-d5
Concen: 66.731 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion: 82 Resp: 373207

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	57.0	45.3	67.9



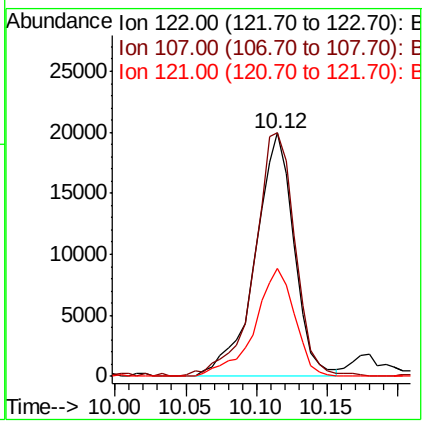


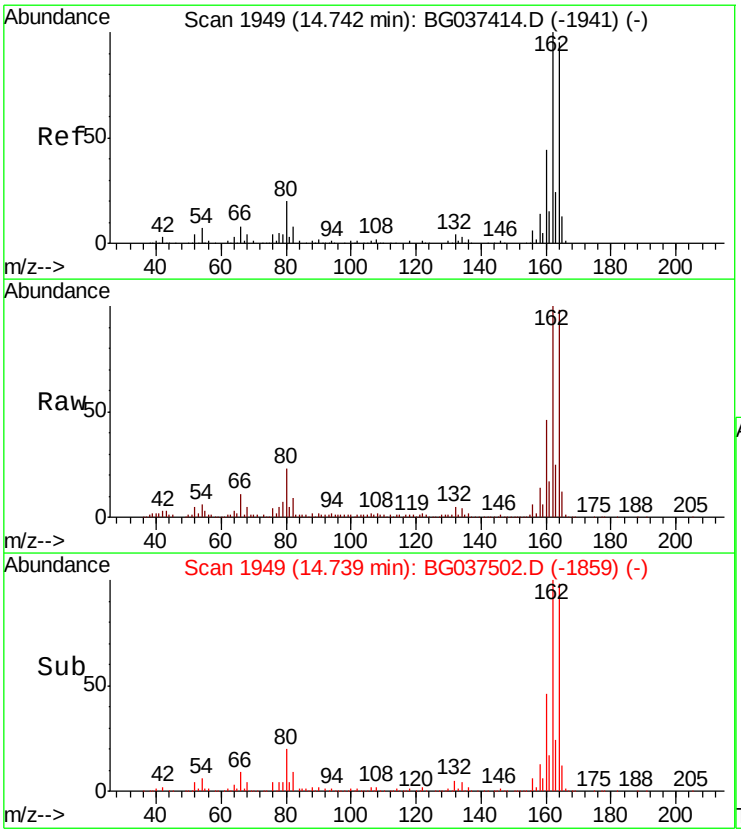
#27
2,4-Dimethylphenol
Concen: 8.237 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.04 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 38493

Ion	Ratio	Lower	Upper
122	100		
107	100.1	94.2	141.2
121	44.3	47.3	70.9#

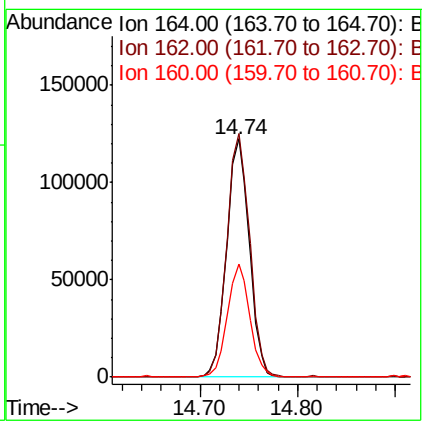


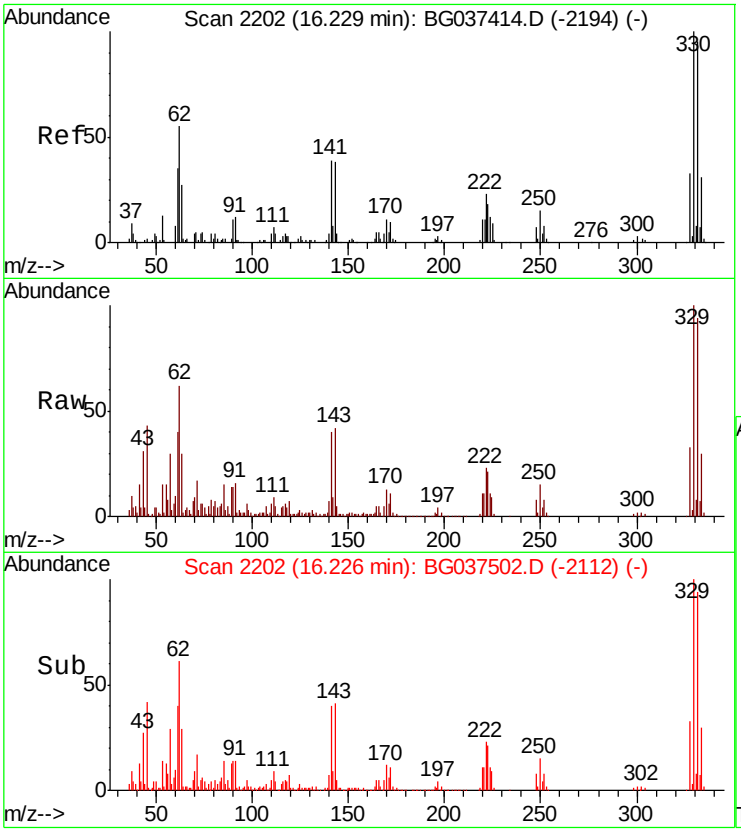


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:164 Resp: 197357

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	47.2	36.3	54.5



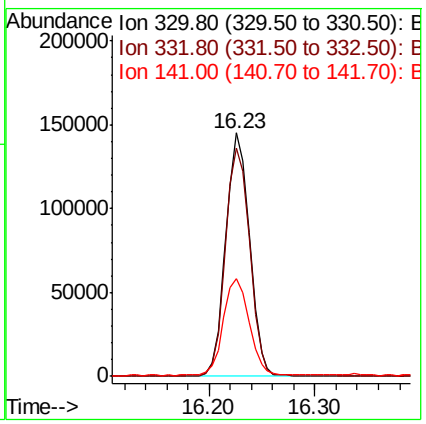


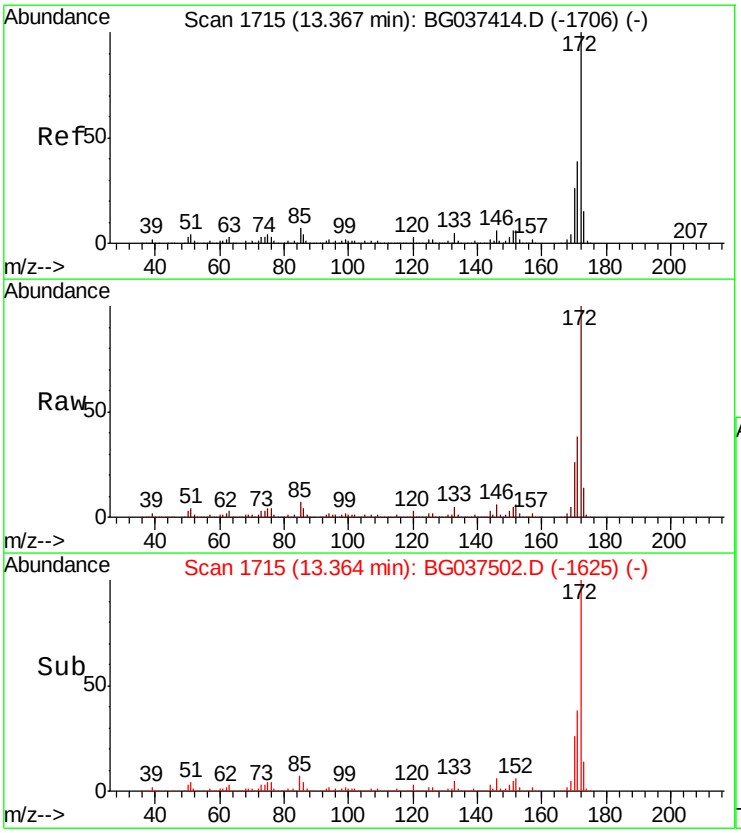
#42
2,4,6-Tribromophenol
Concen: 105.297 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 226658

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	43.1	32.2	48.2

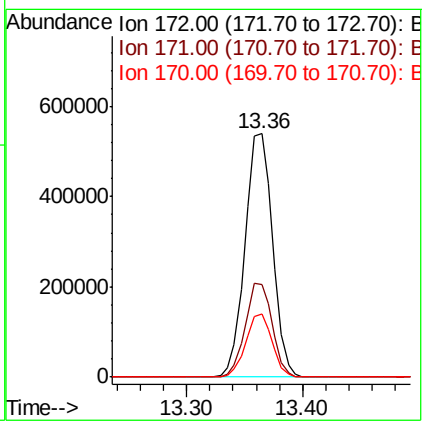


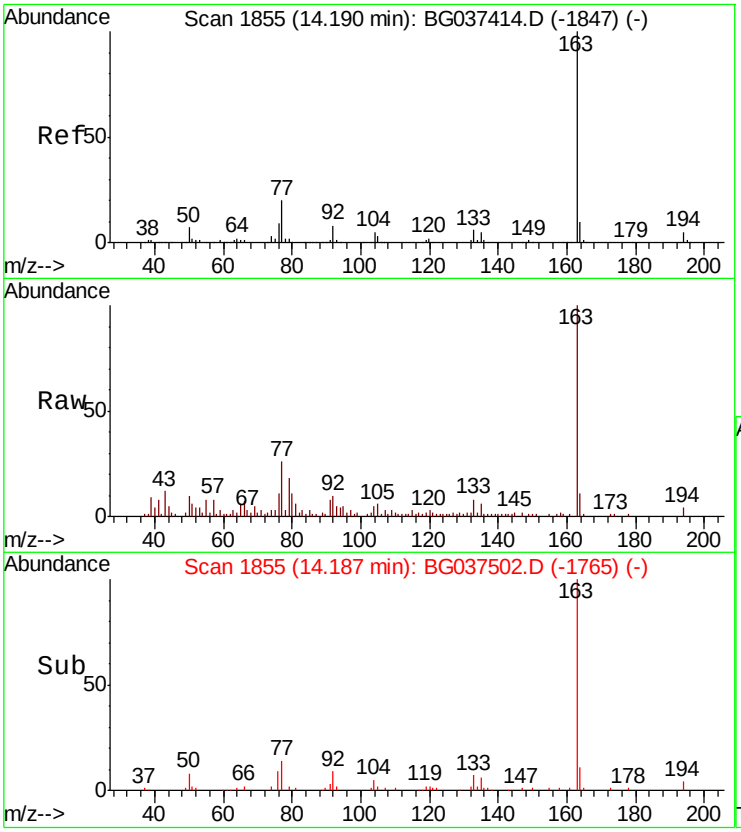


#45
2-Fluorobiphenyl
Concen: 68.422 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:172 Resp: 895495

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.7	20.2	30.2



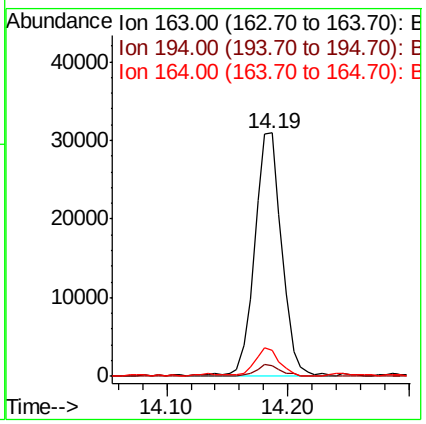


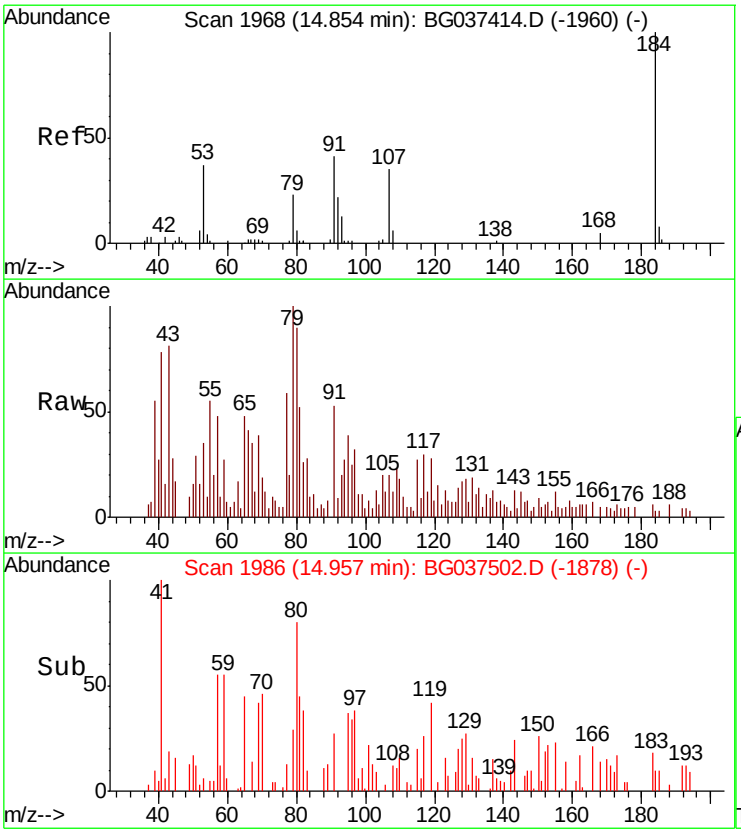
#50
Dimethylphthalate
Concen: 3.158 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 48220

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.6	8.5	12.7

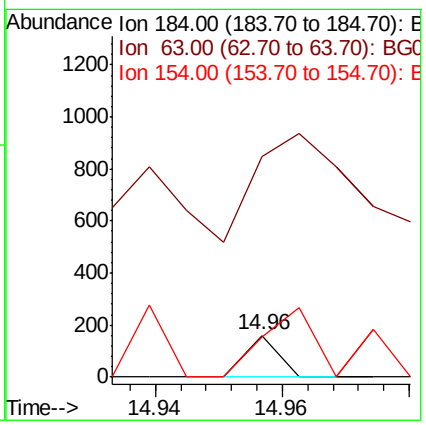


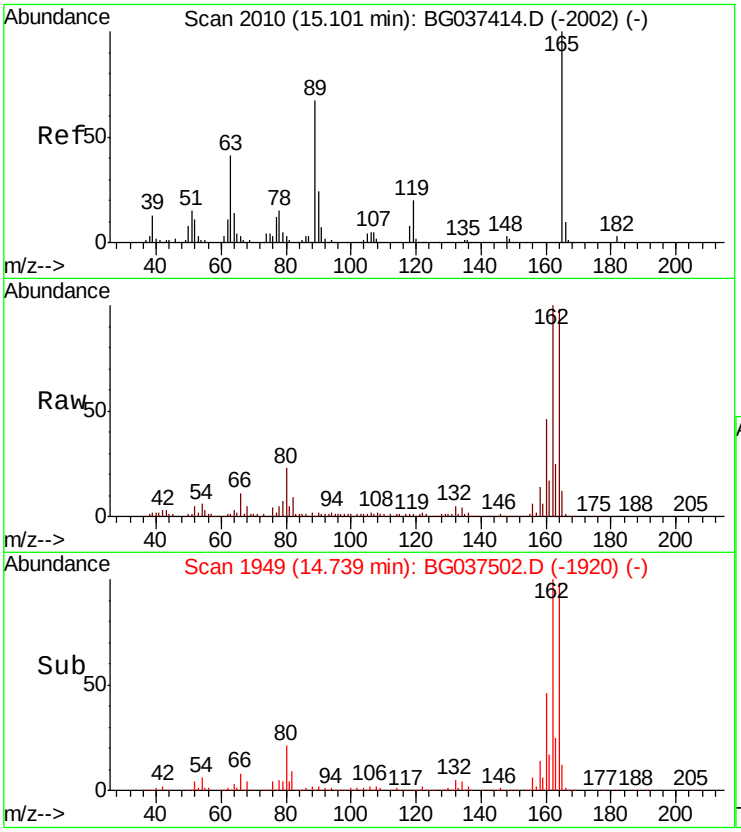


#54
2,4-Dinitrophenol
Concen: 6.178 ng
RT: 14.96 min Scan# 1986
Delta R.T. 0.10 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	528.0	42.6	63.8#
154	96.3	41.8	62.6#



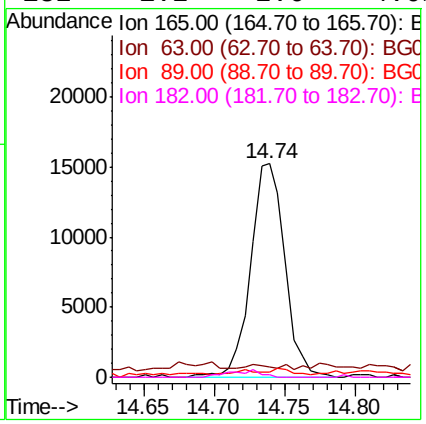


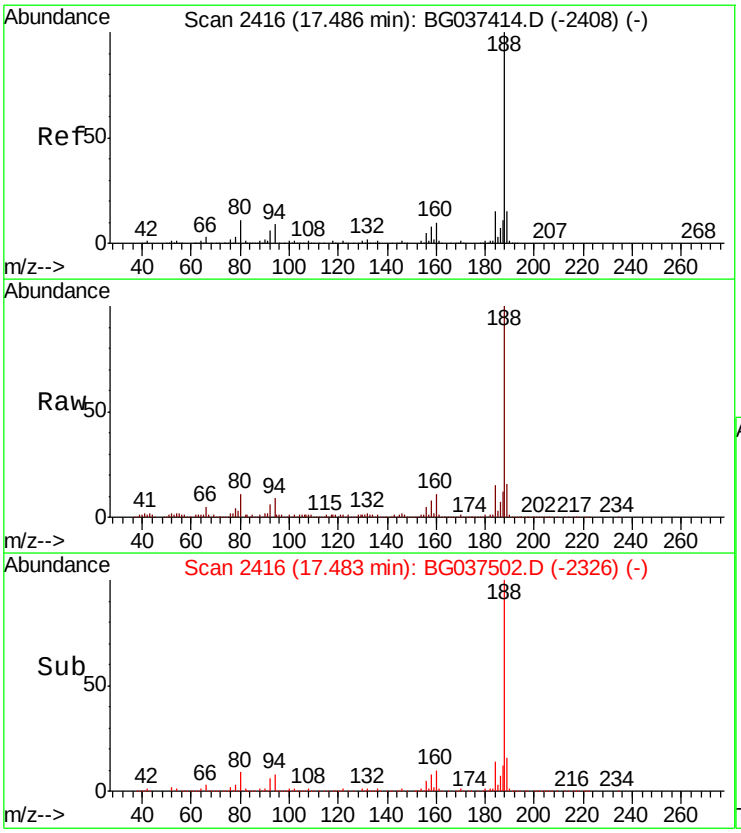
#57
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.36 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25990

Ion	Ratio	Lower	Upper
165	100		
63	4.7	33.4	50.0#
89	2.6	57.2	85.8#
182	1.2	2.6	4.0#

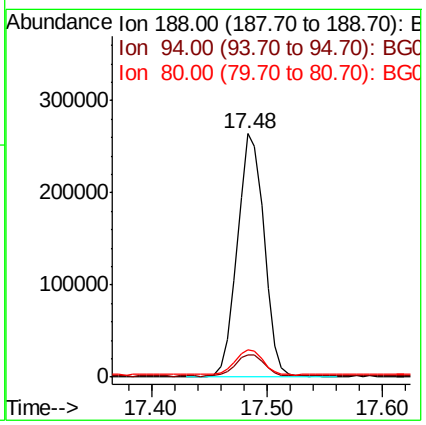


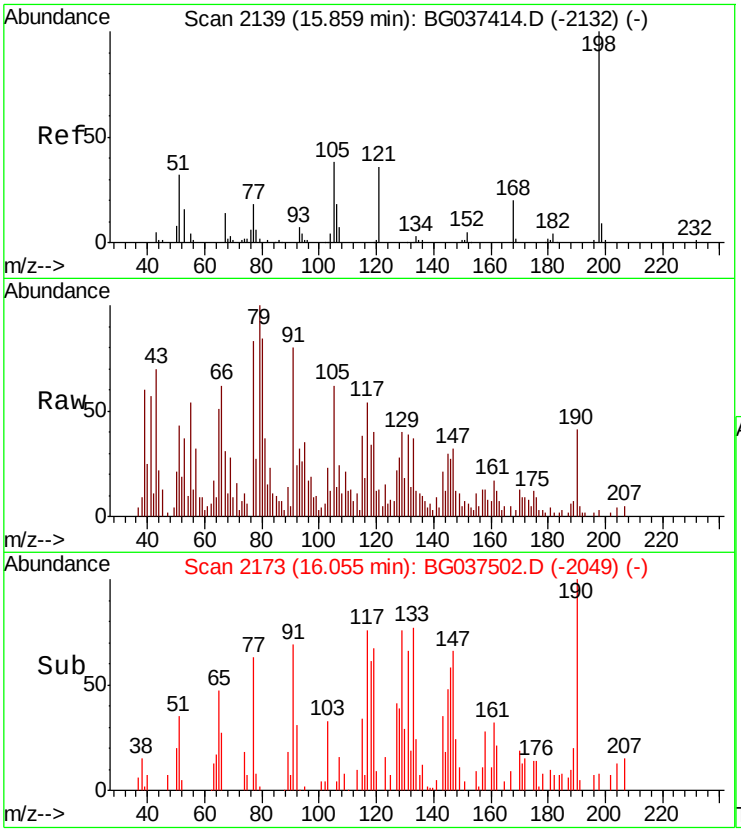


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:188 Resp: 423825

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	11.3	7.7	11.5



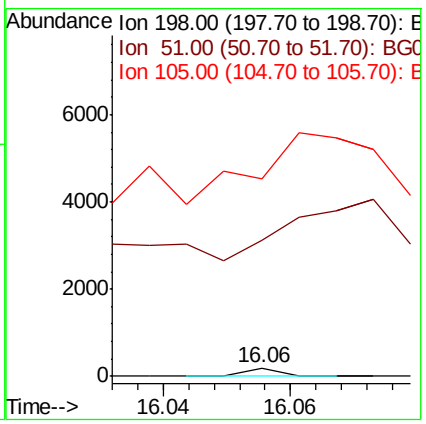


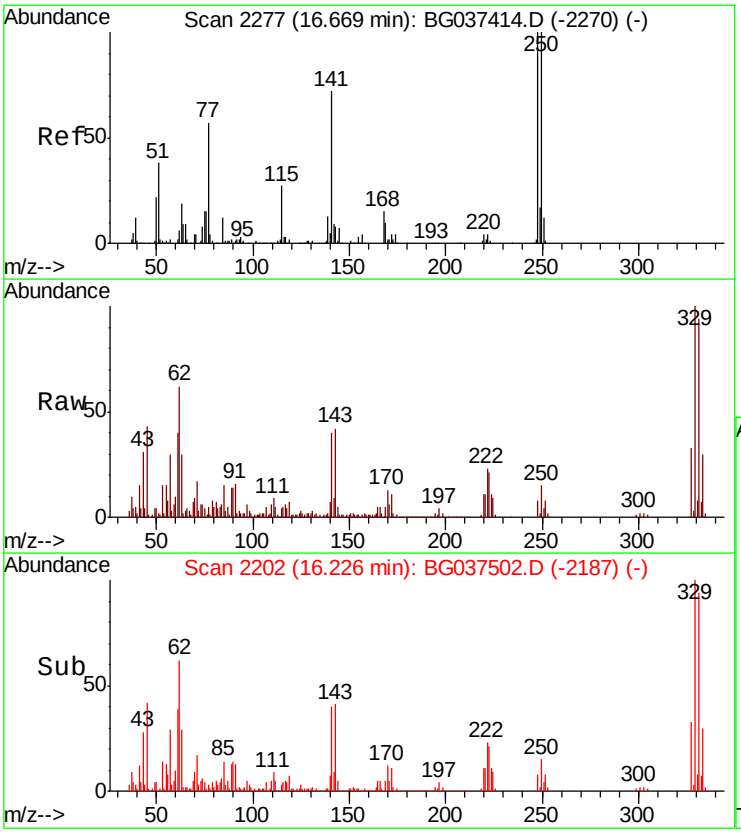
#65
4,6-Dinitro-2-methylphenol
Concen: 8.534 ng
RT: 16.06 min Scan# 2173
Delta R.T. 0.20 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 71

Ion	Ratio	Lower	Upper
198	100		
51	1556.5	22.7	62.7#
105	2271.0	19.7	59.7#

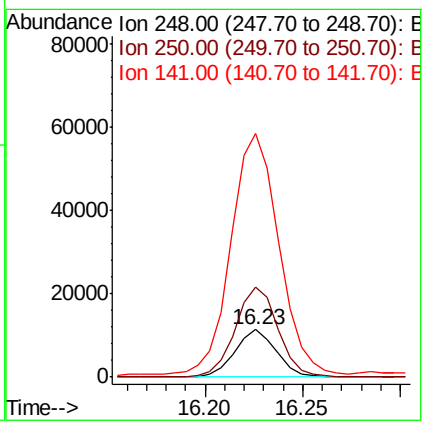


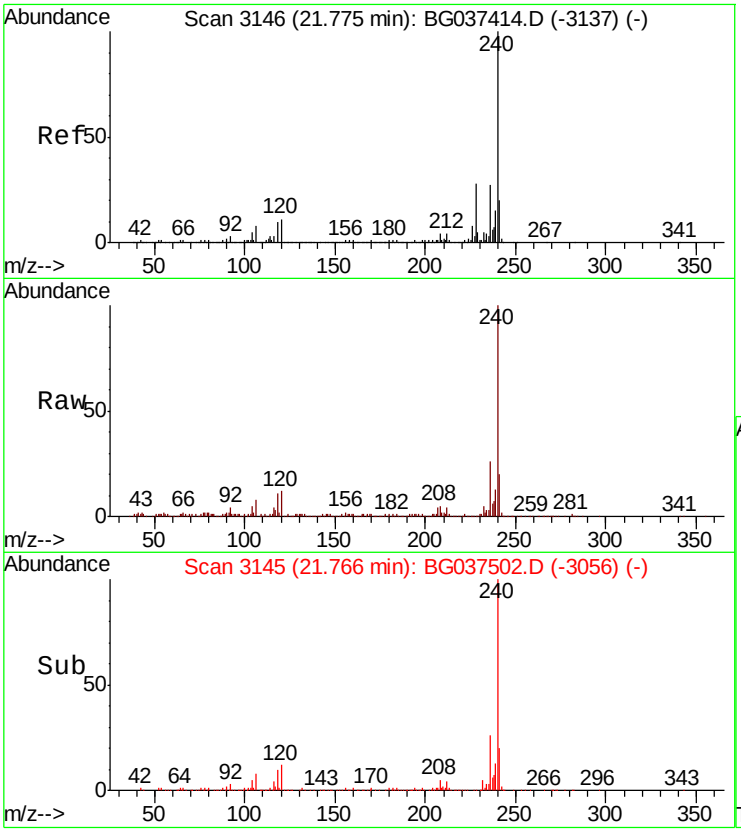


#67
4-Bromophenyl-phenylether
Concen: 3.534 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:248 Resp: 16447

Ion	Ratio	Lower	Upper
248	100		
250	192.4	77.0	115.6#
141	398.6	55.5	83.3#



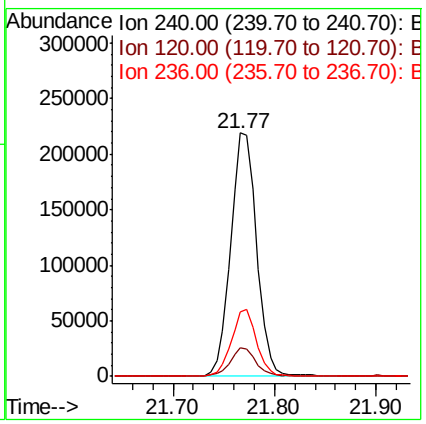


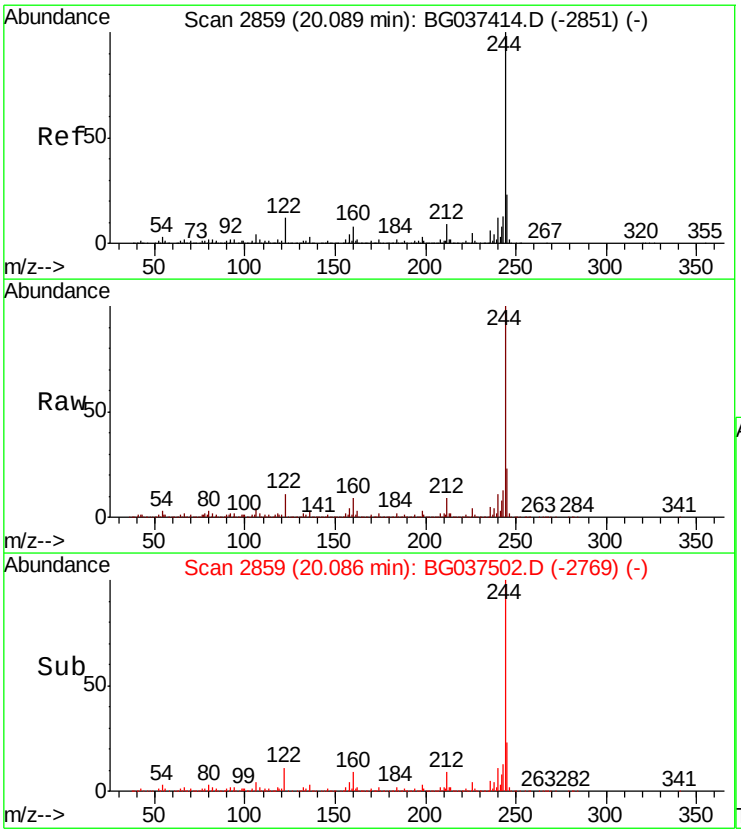
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 388300

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.1	12.1
236	26.3	21.4	32.0

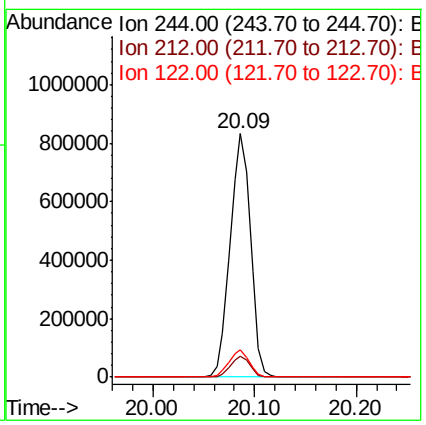


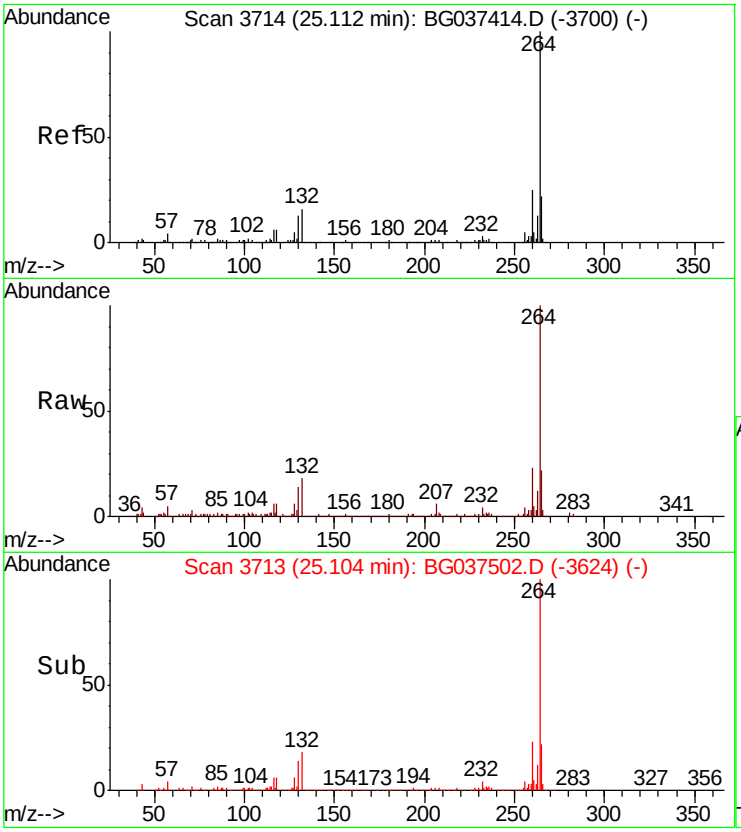


#79
Terphenyl-d14
Concen: 64.046 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:244 Resp: 1163870

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.1	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: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 404953

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.4	17.9	26.9