Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037314.D
Acq On : 13 Oct 2018 6:45
Operator : JU/SJ
Sample : J5383-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 15 02:14:13 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	64779	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	264565	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	180142	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	455744	20.00	ng		0.00
76) Chrysene-d12	21.78	240	433765	20.00	ng		-0.02
87) Perylene-d12	25.13	264	438728	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	163193	44.34	ng		0.00
7) Phenol-d6	7.25	99	143531	25.69	ng		0.00
23) Nitrobenzene-d5	9.30	82	439884	109.31	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	192799	109.13	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1085996	90.53	ng		0.00
79) Terphenyl-d14	20.10	244	1767655	85.57	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.28	94	16299	2.770	ng		97
19) n-Nitroso-di-n-propylamine	9.30	70	55981	13.235	ng	#	72
48) 2-Nitroaniline	14.21	65	397	5.870	ng	#	1
50) Dimethylphthalate	14.20	163	40844	2.885	ng		99
51) 2,6-Dinitrotoluene	14.75	165	22918	12.310	ng	#	25
57) 2,4-Dinitrotoluene	14.75	165	22918	11.186	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.23	198	526	6.269	ng		78
67) 4-Bromophenyl-phenylether	16.23	248	13859	2.818	ng	#	1

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

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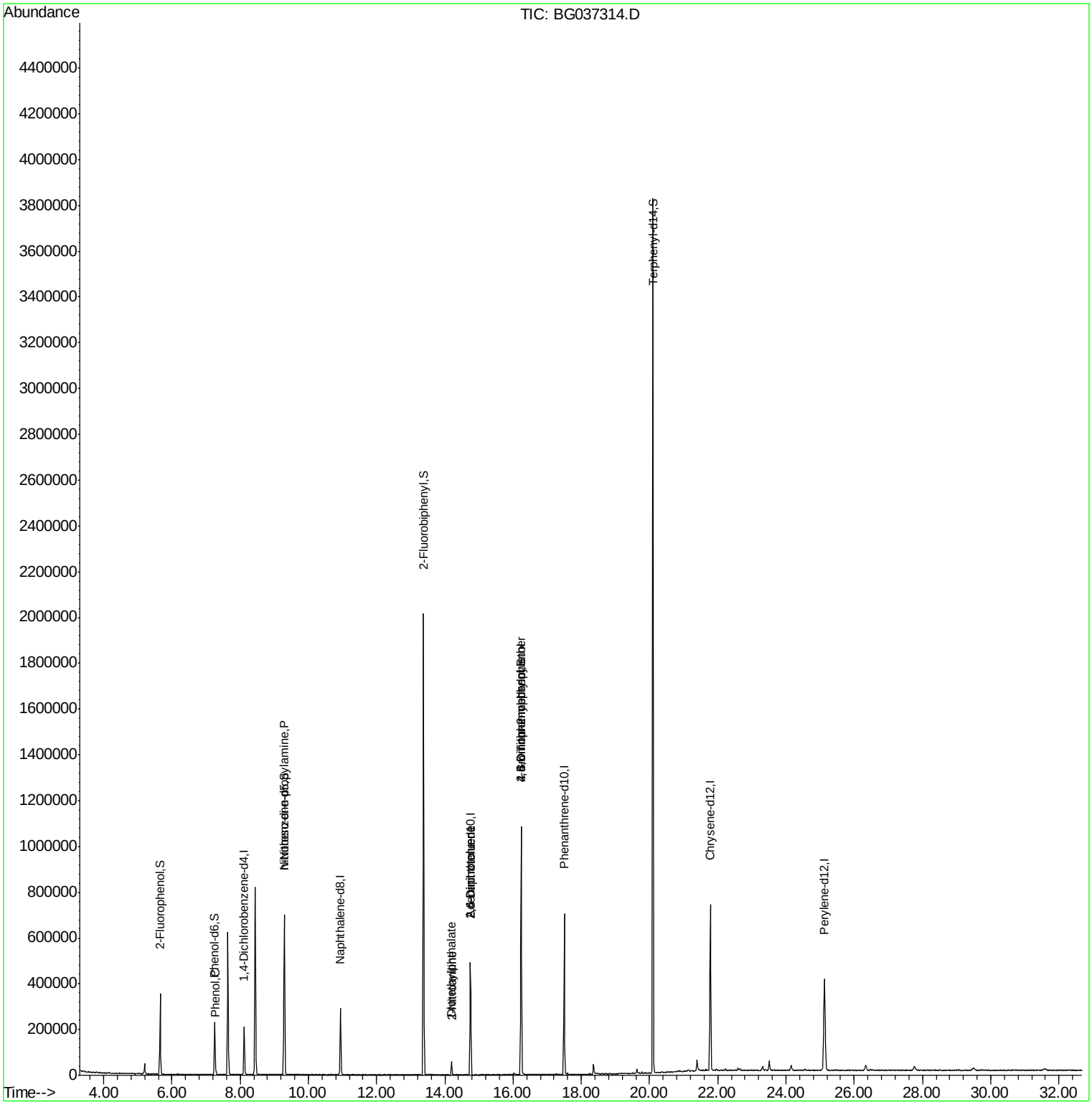
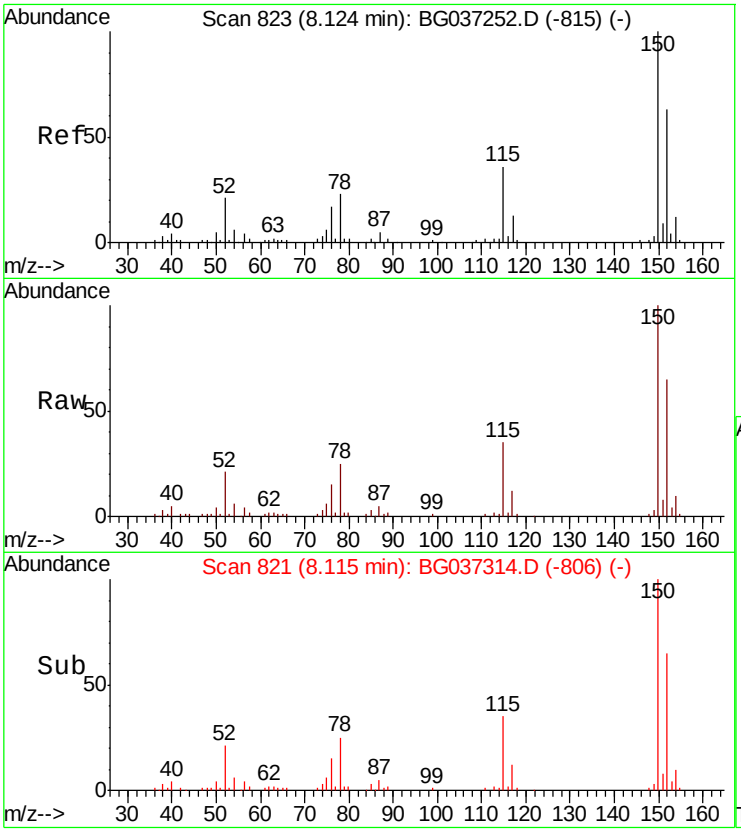
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

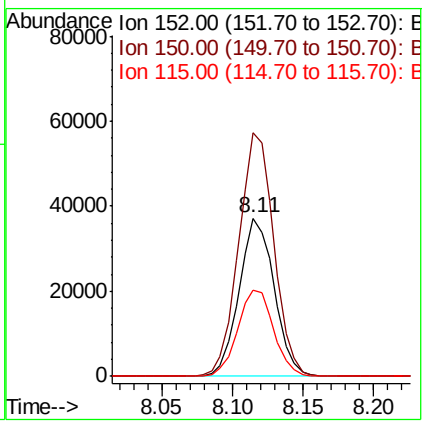




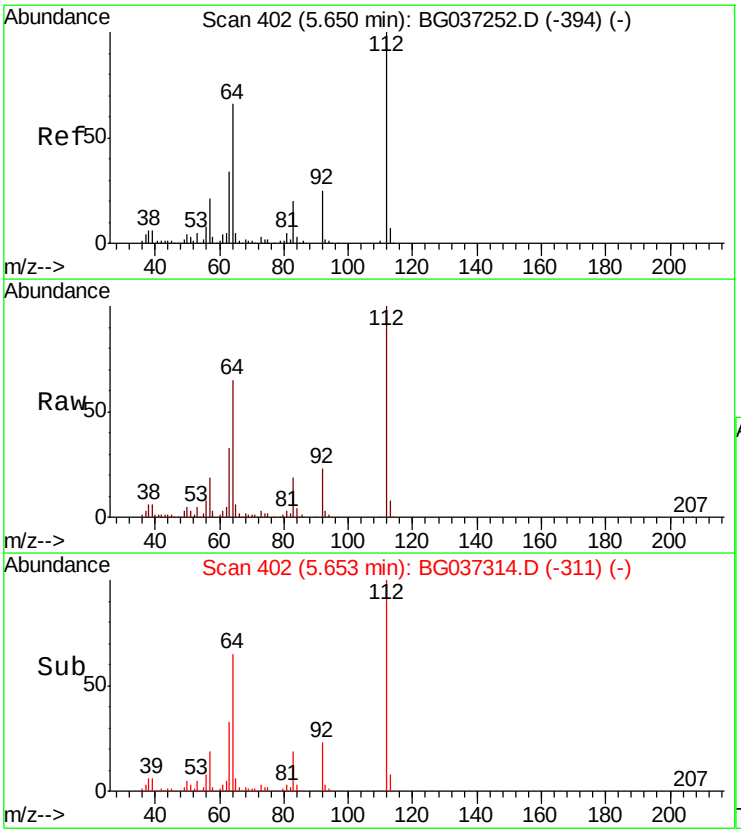
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:152 Resp: 64779

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.0	189.0
115	54.6	45.5	68.3



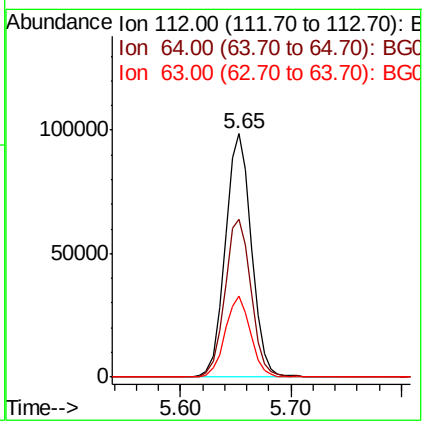
Instrument :
BNA_G
ClientSampleId :

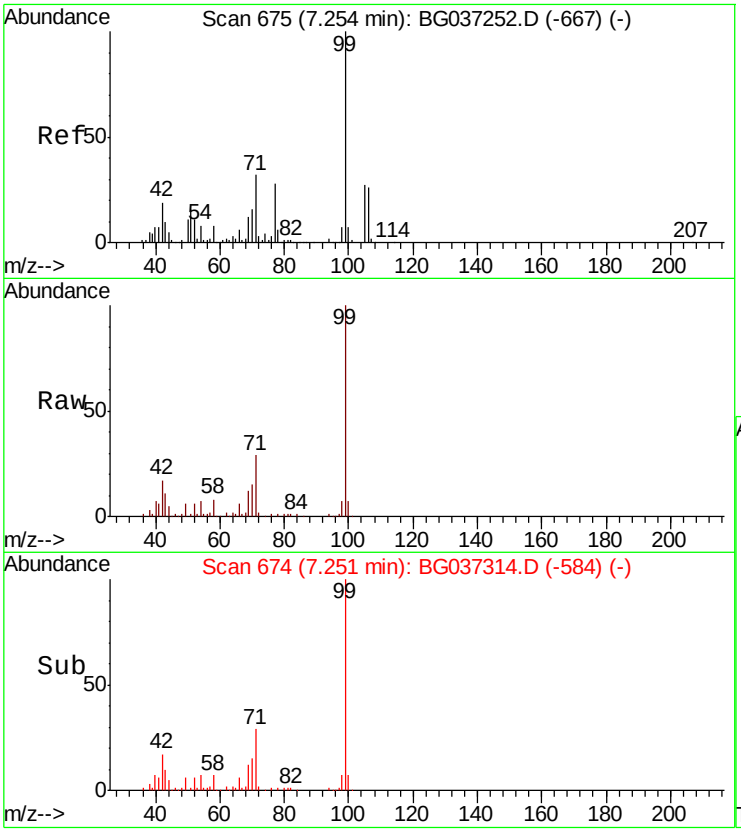


#5
2-Fluorophenol
Concen: 44.336 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:112 Resp: 163193

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	33.2	27.3	40.9



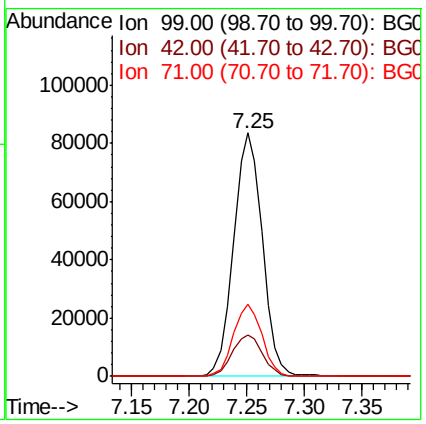


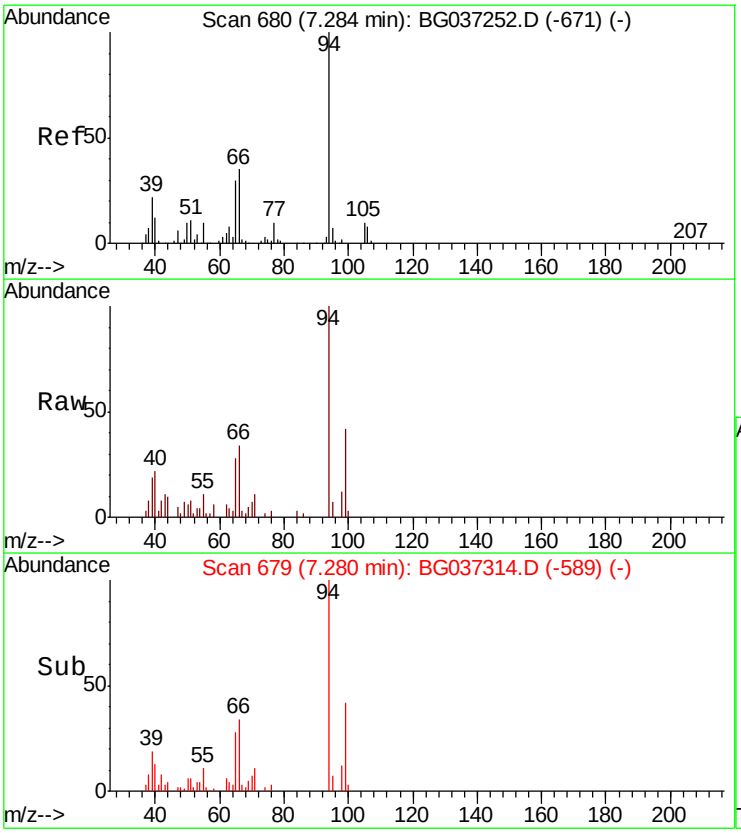
#7
Phenol-d6
Concen: 25.691 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 143531

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.4
71	29.5	25.5	38.3

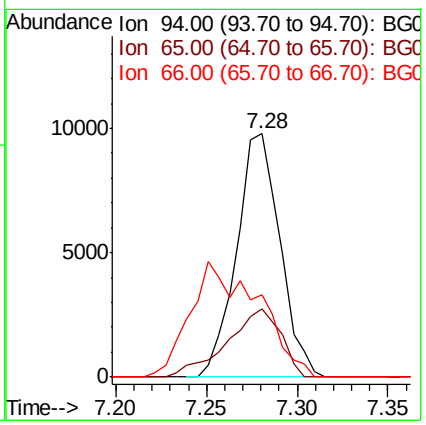


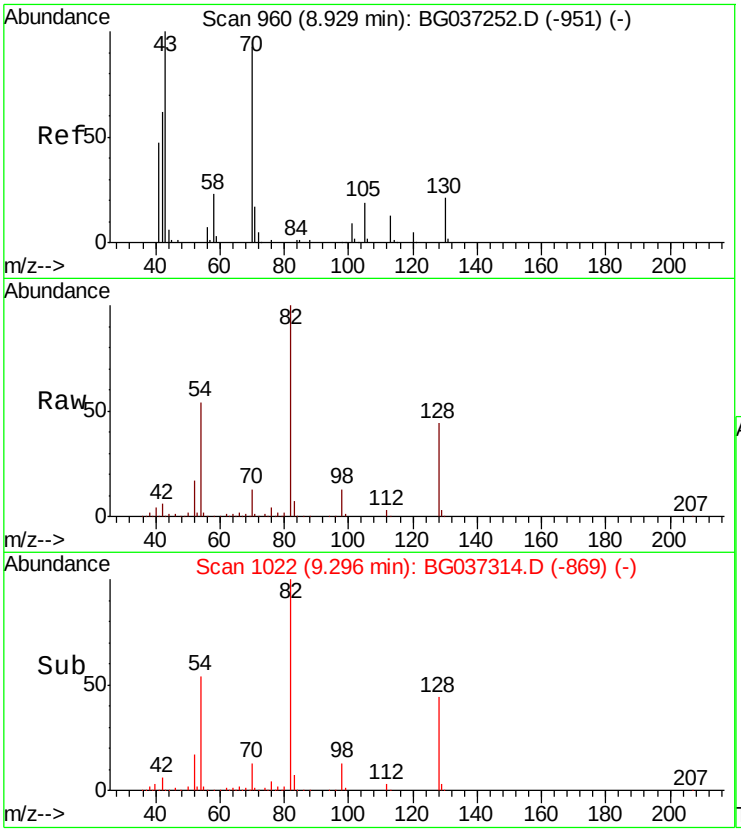


#10
Phenol
Concen: 2.770 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion: 94 Resp: 16299

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.7	49.7
66	33.8	15.9	55.9



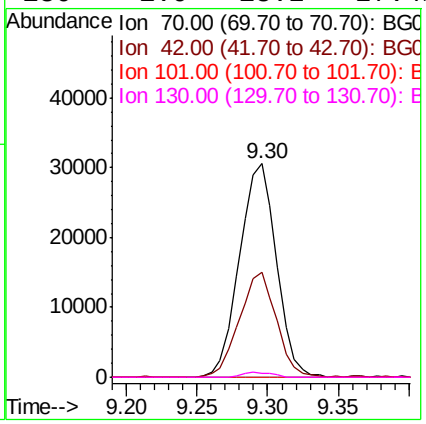


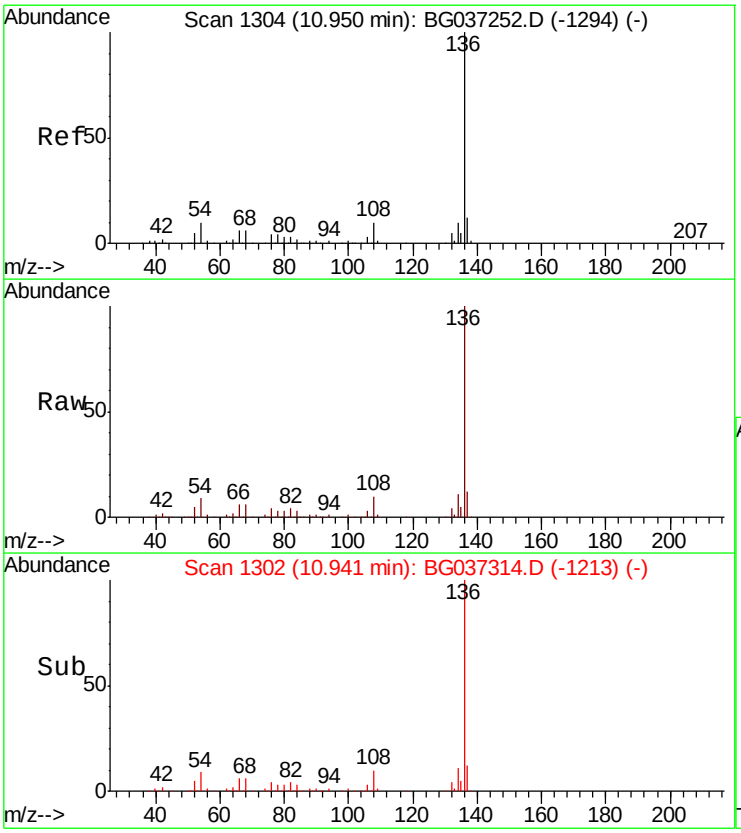
#19
n-Nitroso-di-n-propylamine
Concen: 13.235 ng
RT: 9.30 min Scan# 1022
Delta R.T. 0.37 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 55981

Ion	Ratio	Lower	Upper
70	100		
42	49.3	53.9	80.9#
101	0.0	8.2	12.2#
130	1.9	18.2	27.4#

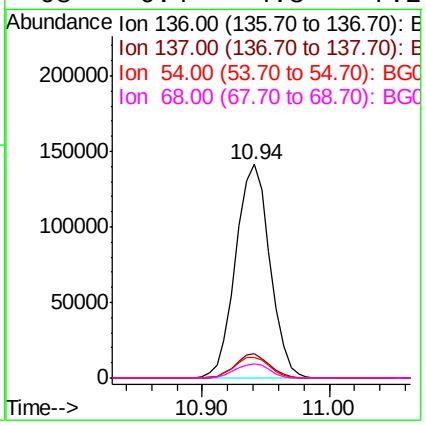


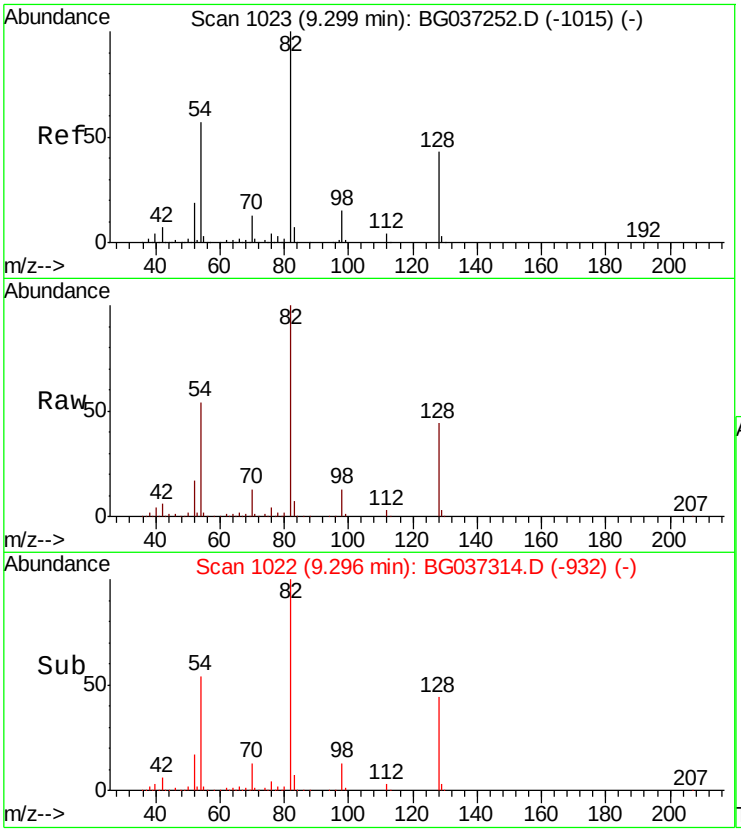


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:136 Resp: 264565

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.4	7.9	11.9
68	6.4	4.8	7.2



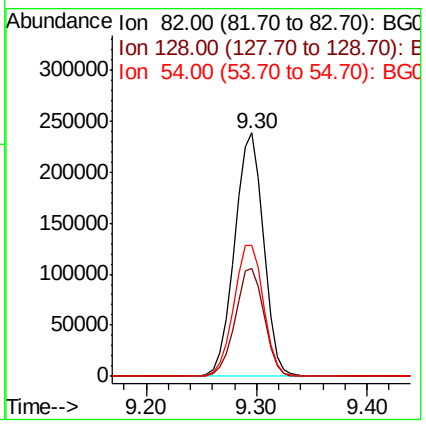


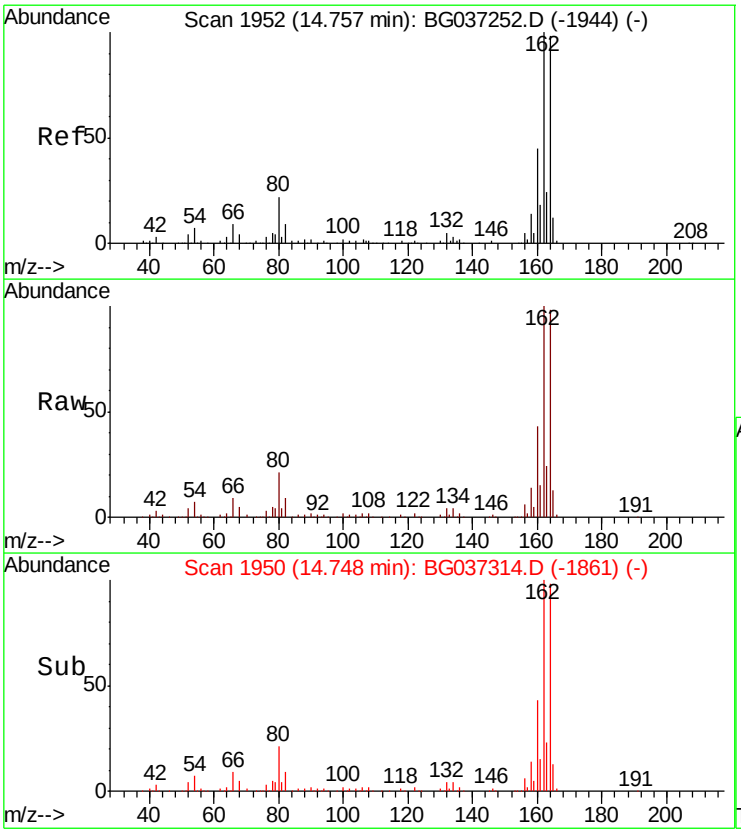
#23
Nitrobenzene-d5
Concen: 109.312 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 439884

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.0	45.3	67.9

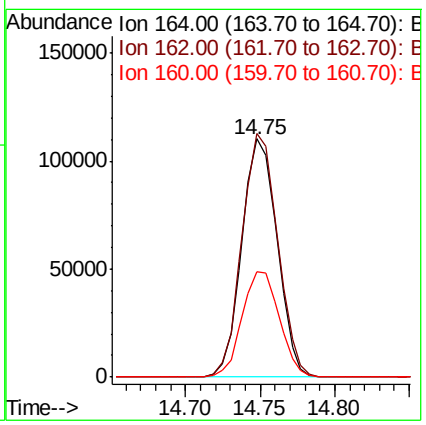


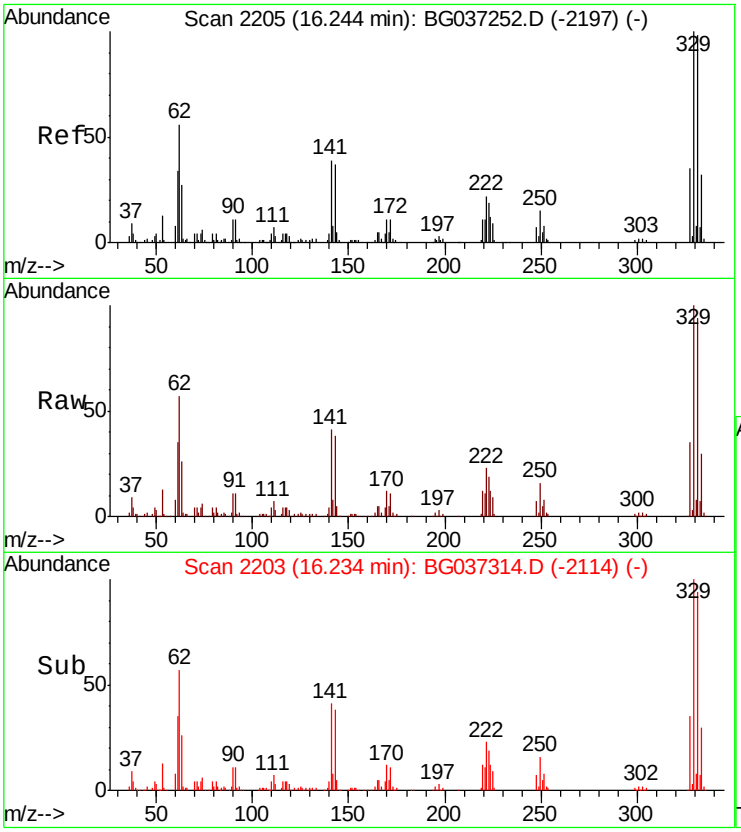


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:164 Resp: 180142

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.3	36.3	54.5



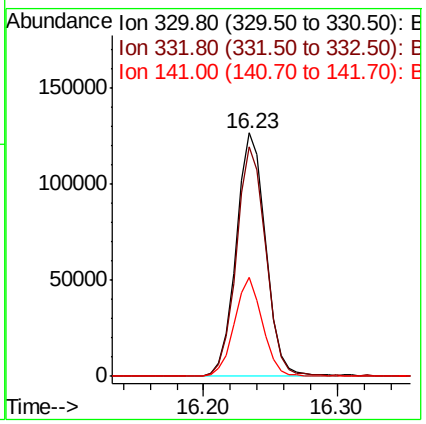


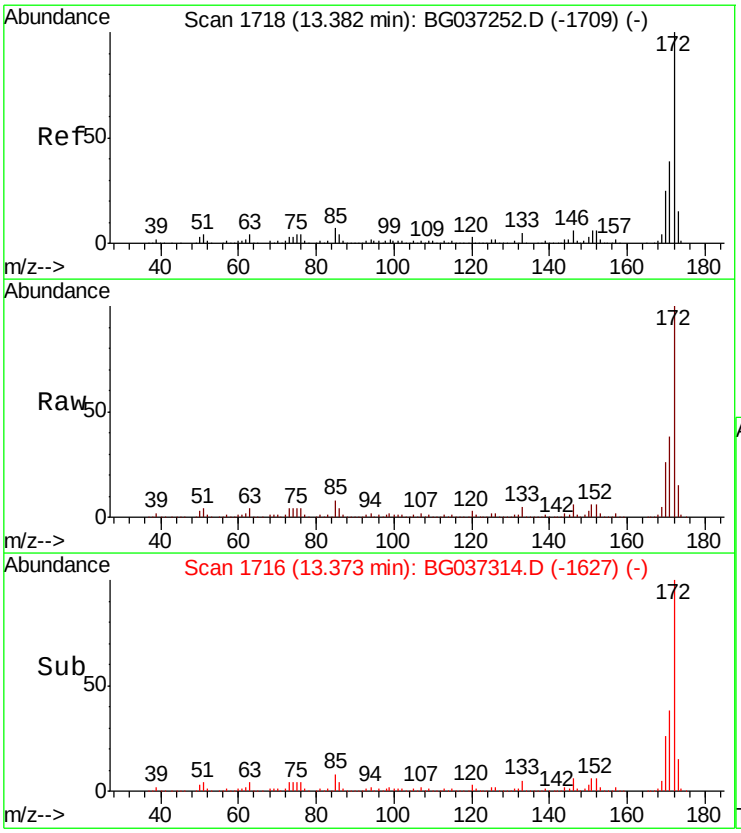
#42
2,4,6-Tribromophenol
Concen: 109.130 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 192799

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	39.3	32.2	48.2

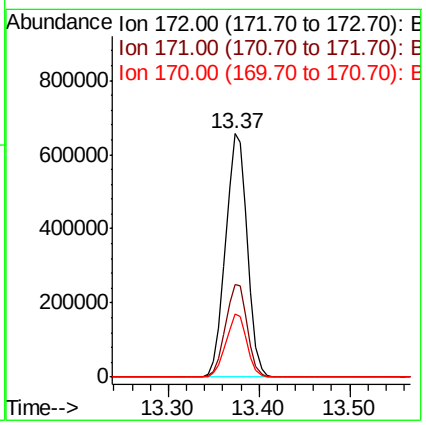


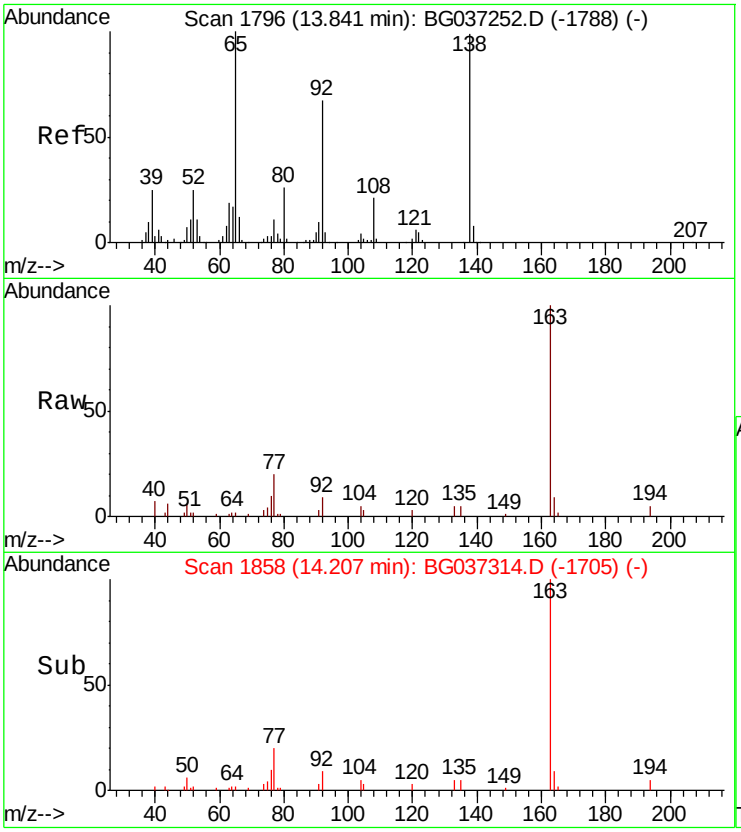


#45
2-Fluorobiphenyl
Concen: 90.535 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:172 Resp: 1085996

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.9	20.2	30.2



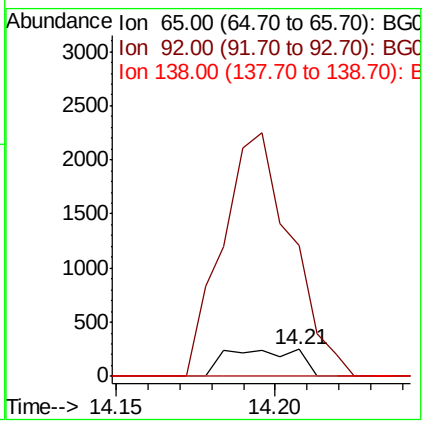


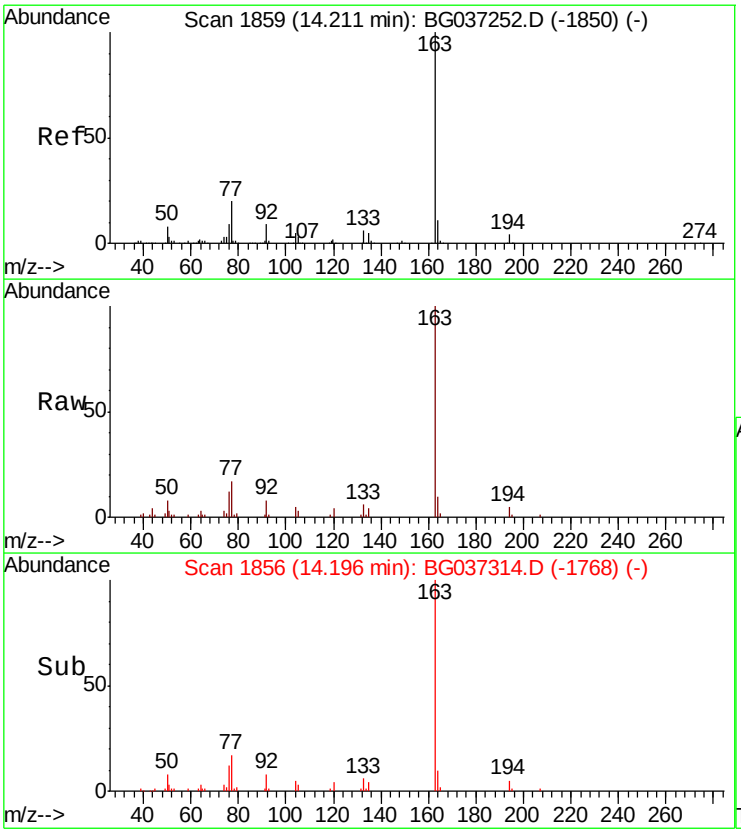
#48
2-Nitroaniline
Concen: 5.870 ng
RT: 14.21 min Scan# 1858
Delta R.T. 0.37 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 397

Ion	Ratio	Lower	Upper
65	100		
92	480.5	53.2	79.8#
138	0.0	79.3	118.9#

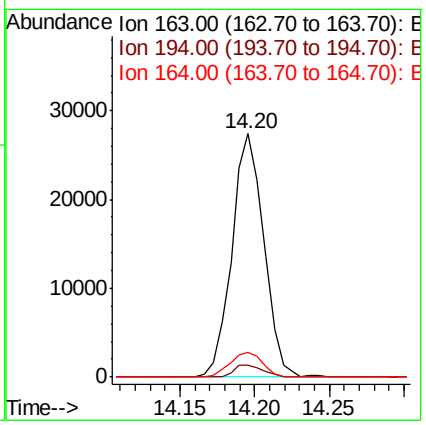


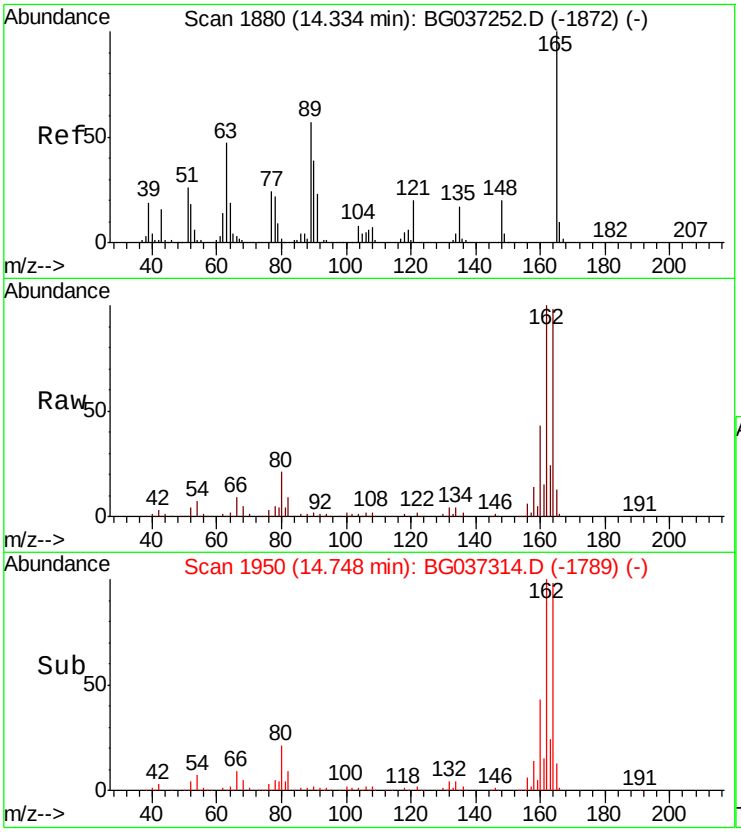


#50
Dimethylphthalate
Concen: 2.885 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:163 Resp: 40844

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.0	8.5	12.7



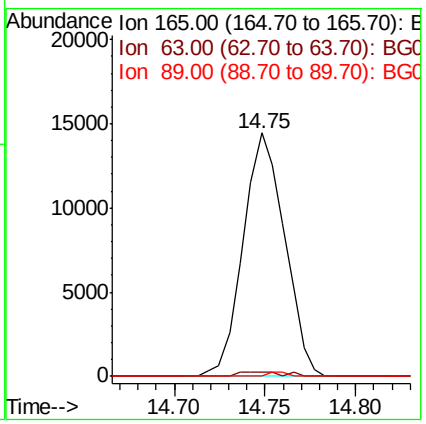


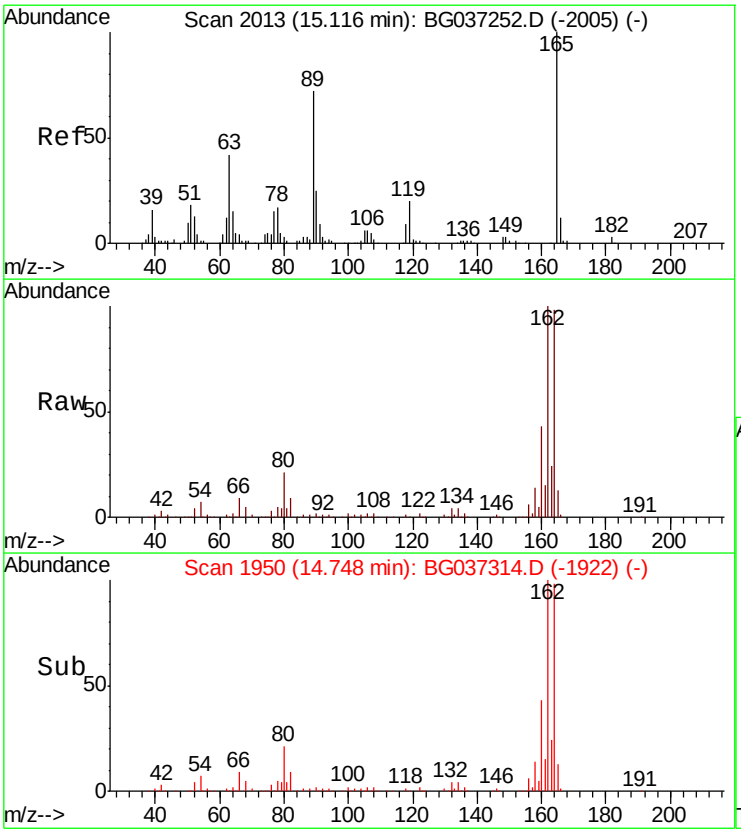
#51
2,6-Dinitrotoluene
Concen: 12.310 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22918

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	0.0	45.8	68.6#

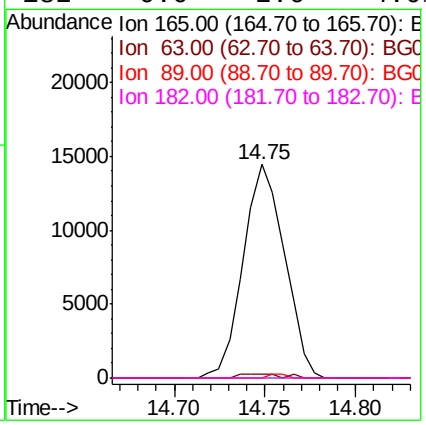


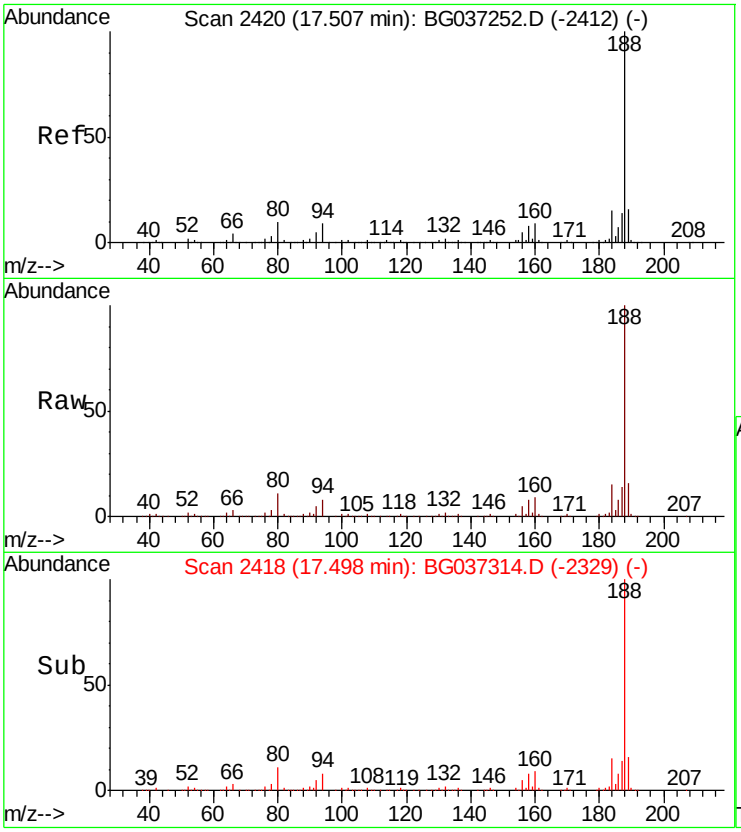


#57
2,4-Dinitrotoluene
Concen: 11.186 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:165 Resp: 22918

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



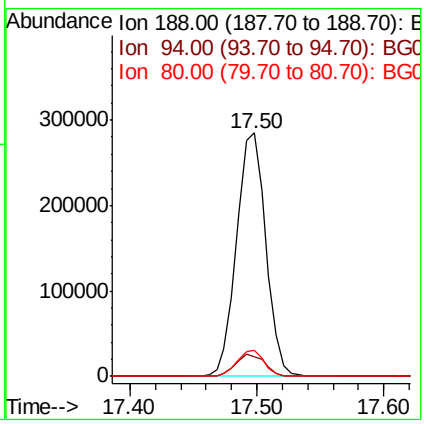


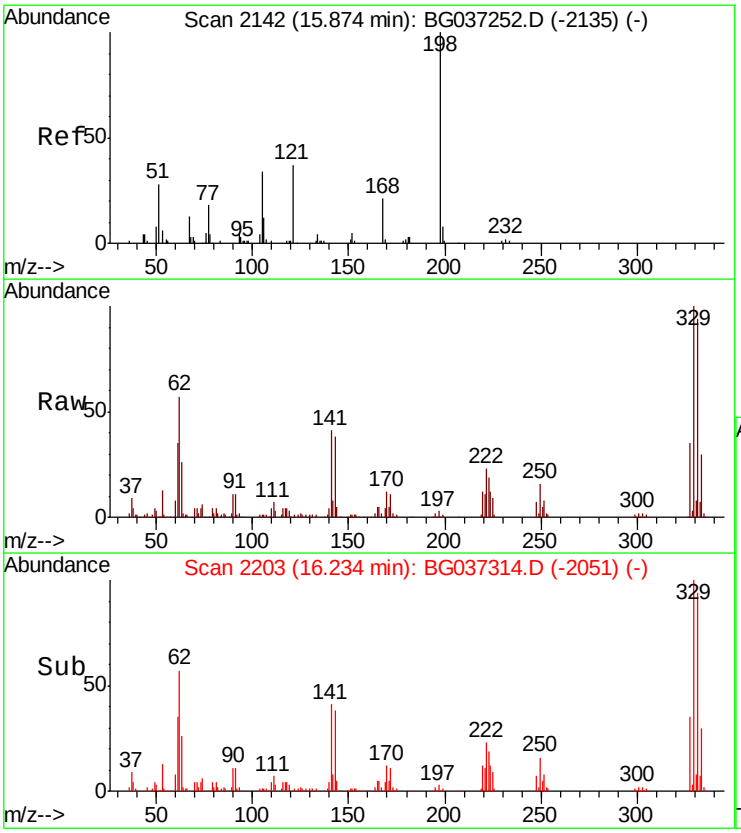
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 455744

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	10.6	7.7	11.5

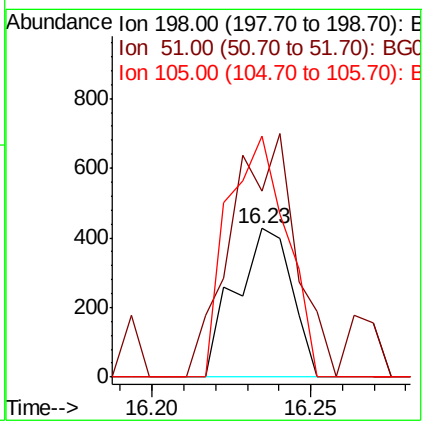


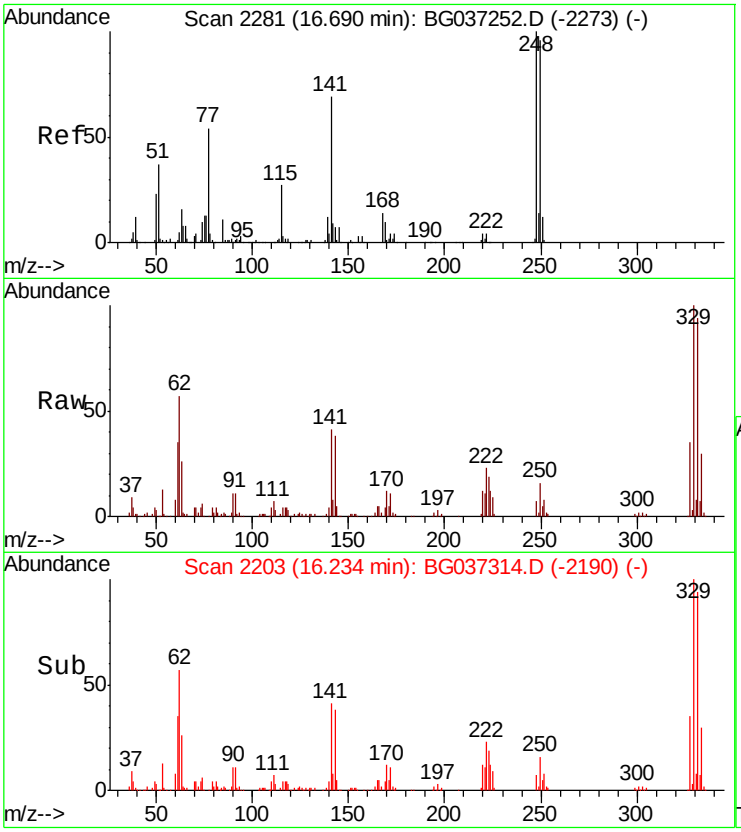


#65
4,6-Dinitro-2-methylphenol
Concen: 6.269 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:198 Resp: 526

Ion	Ratio	Lower	Upper
198	100		
51	23.9	22.7	62.7
105	30.9	19.7	59.7



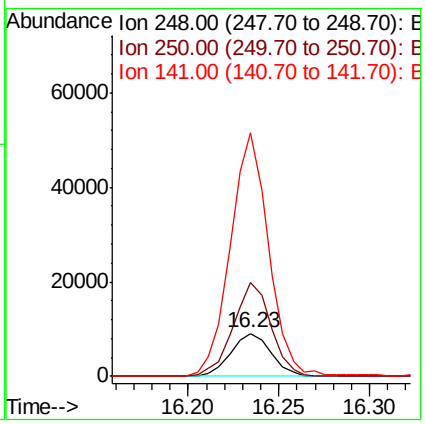


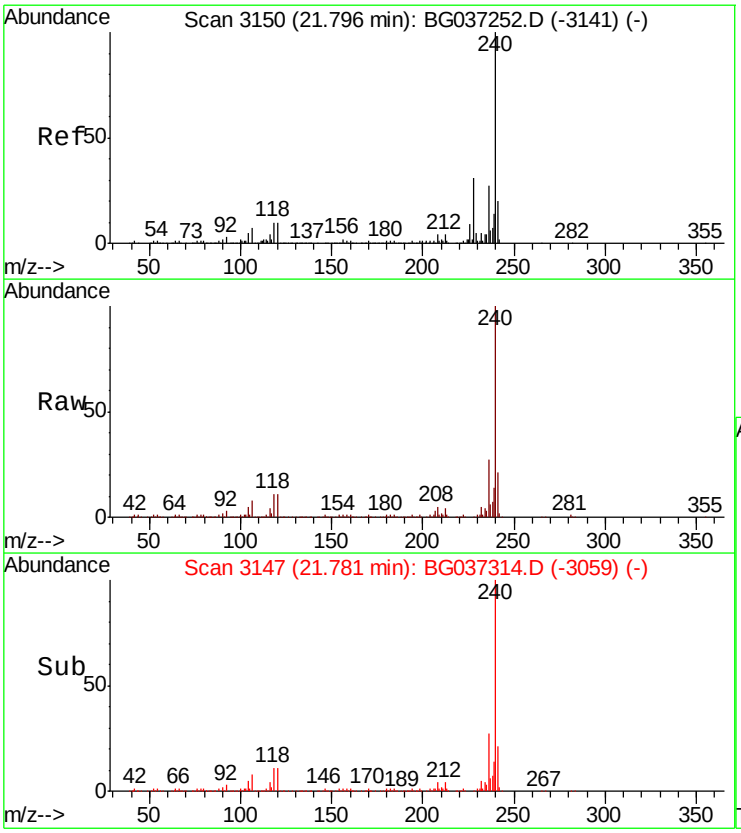
#67
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13859

Ion	Ratio	Lower	Upper
248	100		
250	217.7	77.0	115.6#
141	435.9	55.5	83.3#

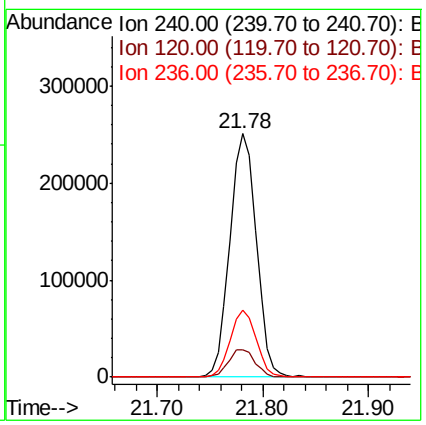


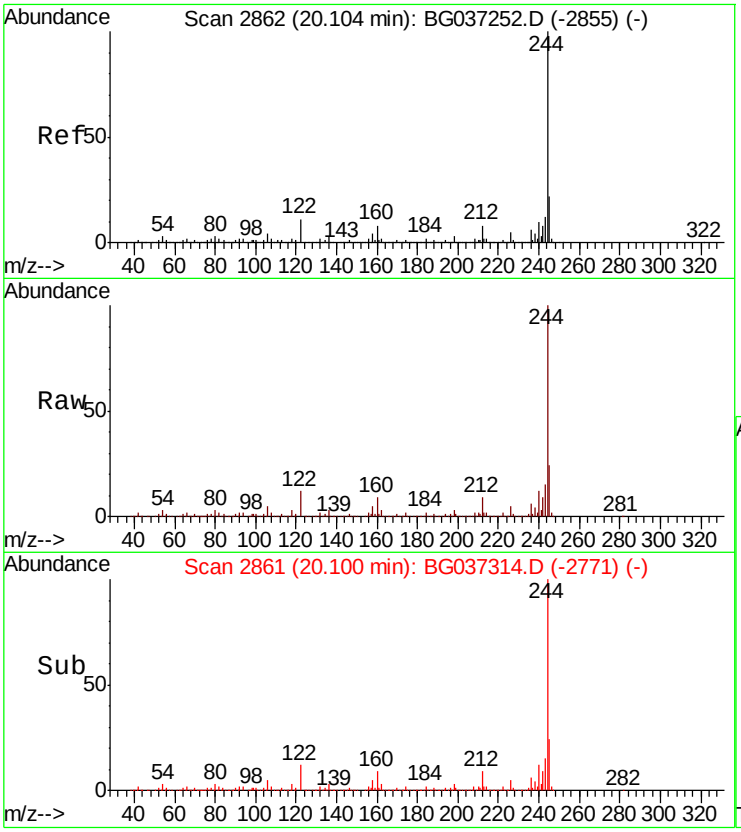


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:240 Resp: 433765

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.3	21.4	32.0



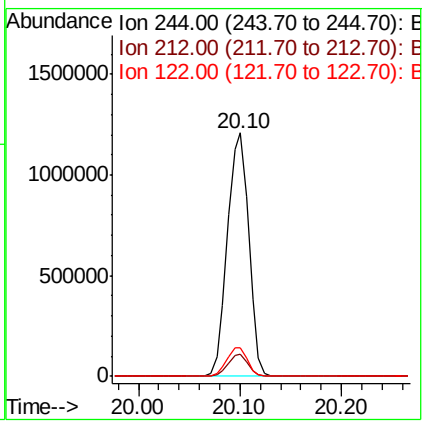


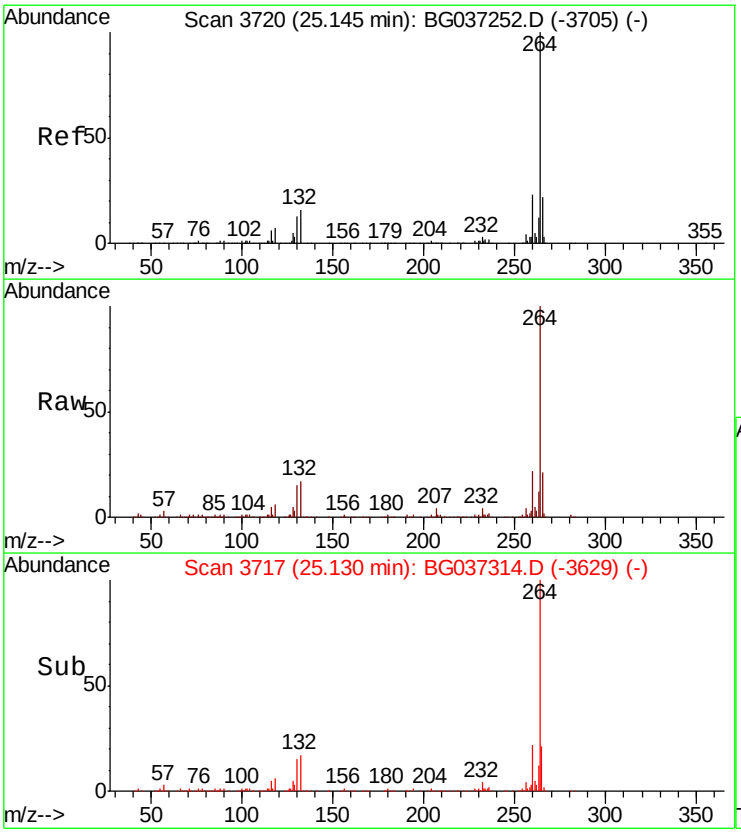
#79
Terphenyl-d14
Concen: 85.568 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1767655

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.5	9.7
122	11.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:264 Resp: 438728

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	21.0	17.9	26.9