Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
Data File : BG037278.D
Acq On : 12 Oct 2018 5:49
Operator : JU/SJ
Sample : J5302-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-2

Quant Time: Oct 12 06:54:04 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	8.12	152	67661	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	299792	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	203765	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	508395	20.00	ng		0.00
76) Chrysene-d12	21.79	240	485633	20.00	ng		0.00
87) Perylene-d12	25.14	264	499698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	222395	57.85	ng		0.00
7) Phenol-d6	7.25	99	210065	36.00	ng		0.00
23) Nitrobenzene-d5	9.30	82	381665	83.70	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	254720	127.46	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	940668	69.33	ng		0.00
79) Terphenyl-d14	20.10	244	1577625	68.21	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	48112	10.890	ng	#	74
48) 2-Nitroaniline	13.64	65	61	5.771	ng	#	7
50) Dimethylphthalate	14.20	163	99397	6.207	ng		98
51) 2,6-Dinitrotoluene	14.20	165	1331	5.196	ng	#	48
57) 2,4-Dinitrotoluene	14.76	165	25519	11.094	ng	#	25
60) Diethylphthalate	15.56	149	139647	8.415	ng		98
65) 4,6-Dinitro-2-methylphenol	16.24	198	967	6.478	ng		84
67) 4-Bromophenyl-phenylether	16.24	248	18759	3.419	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 12 Oct 2018 5:49
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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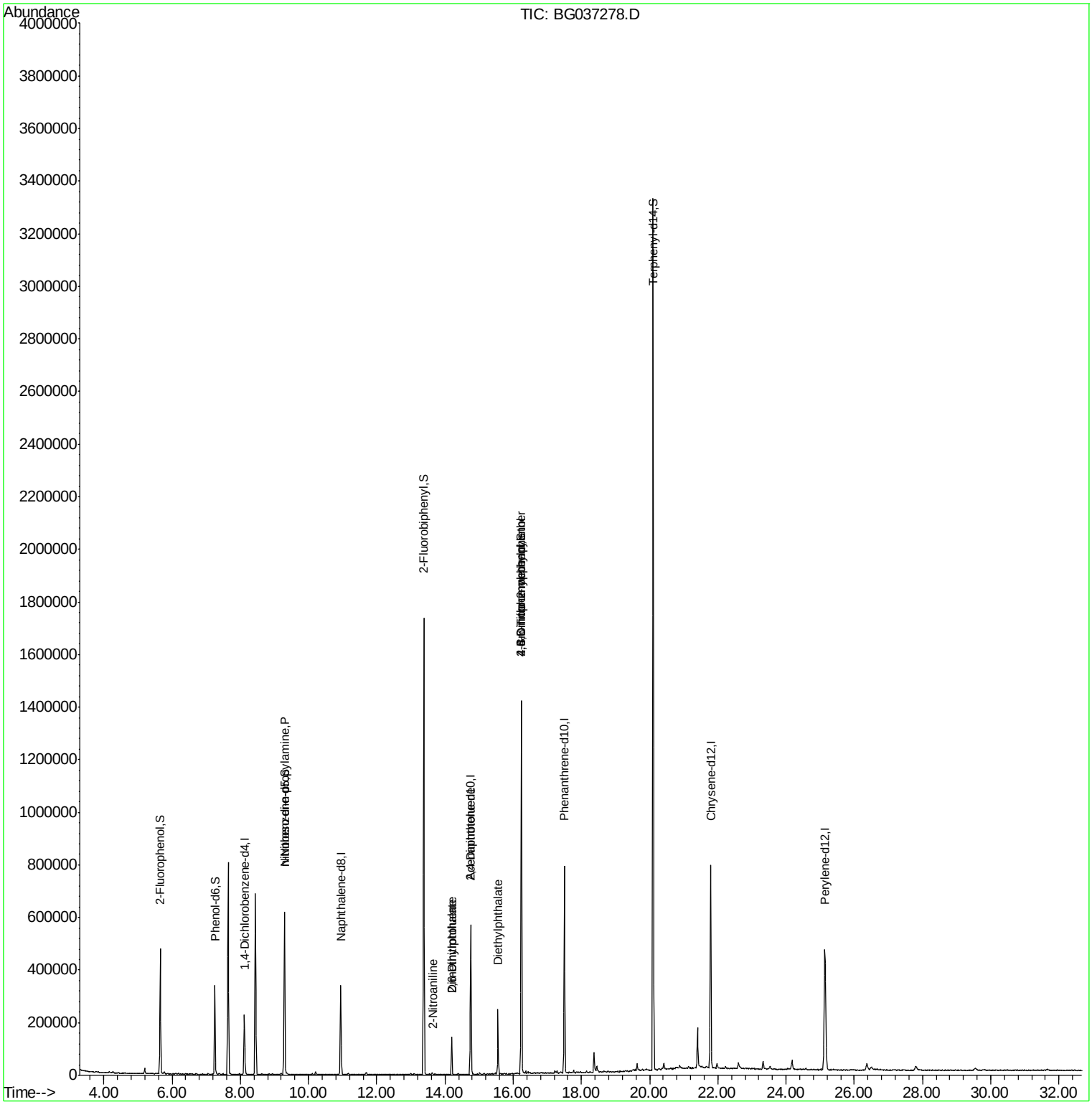
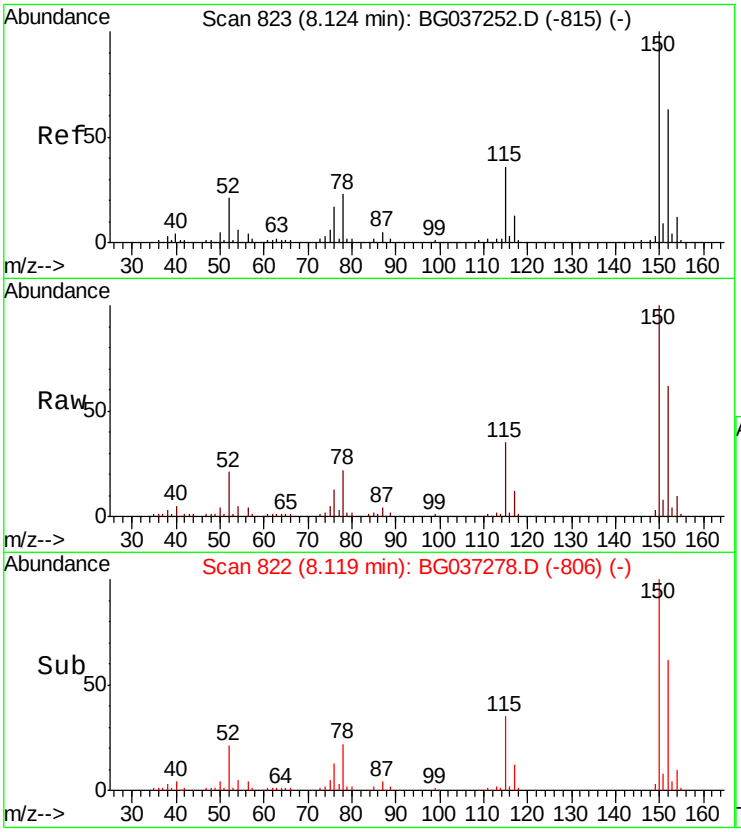


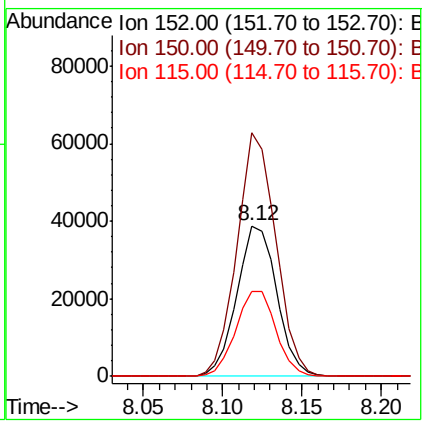


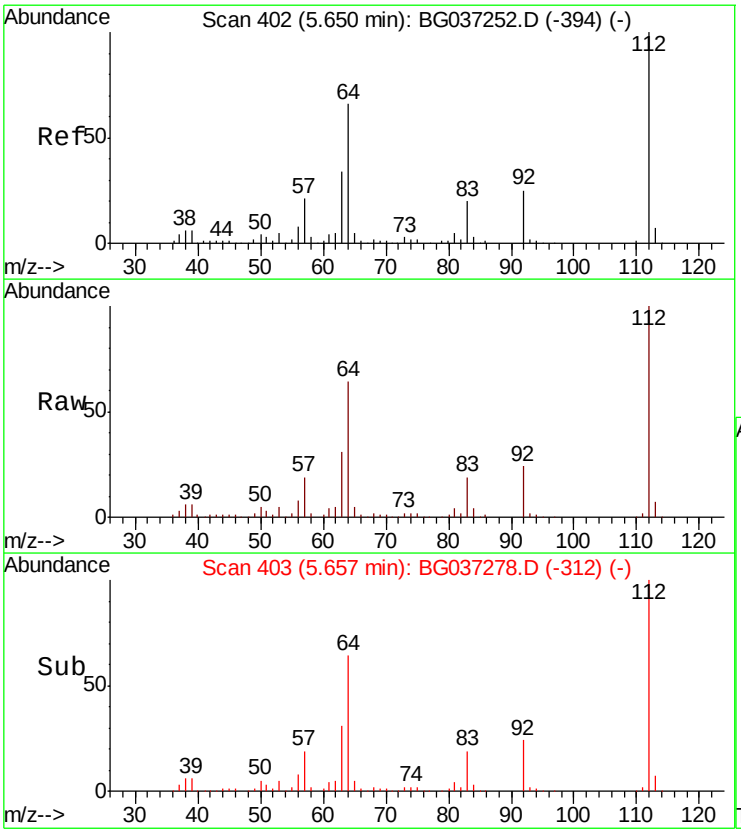
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:152 Resp: 67661

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.0	189.0
115	56.7	45.5	68.3

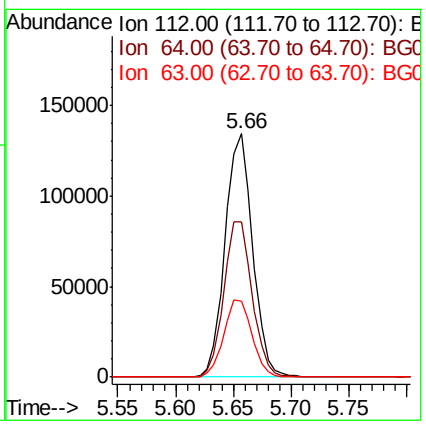


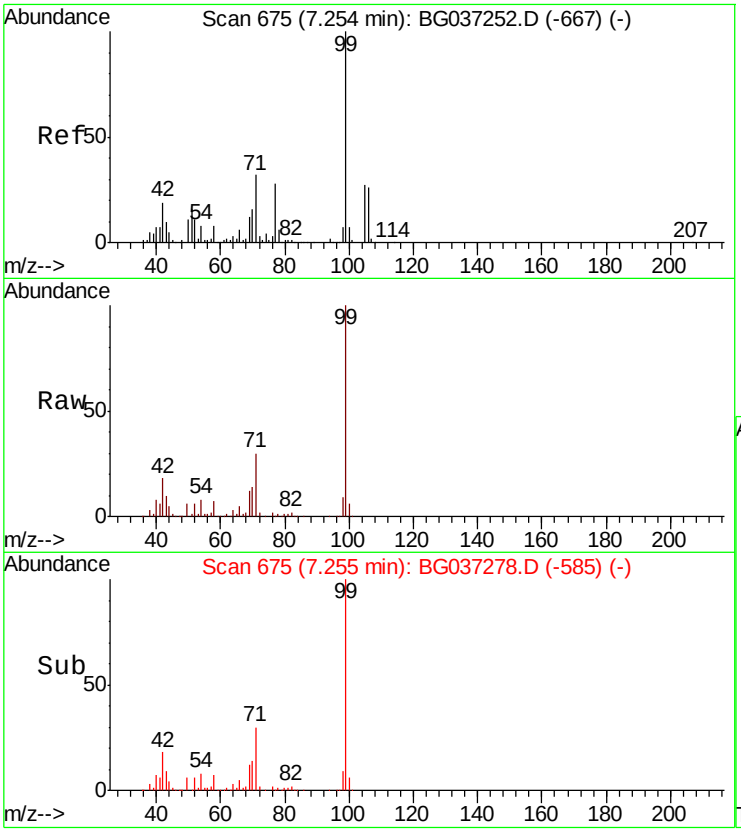


#5
2-Fluorophenol
Concen: 57.846 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:112 Resp: 222395

Ion	Ratio	Lower	Upper
112	100		
64	63.9	53.1	79.7
63	31.3	27.3	40.9



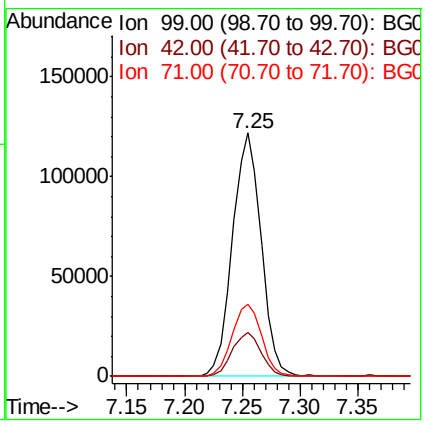


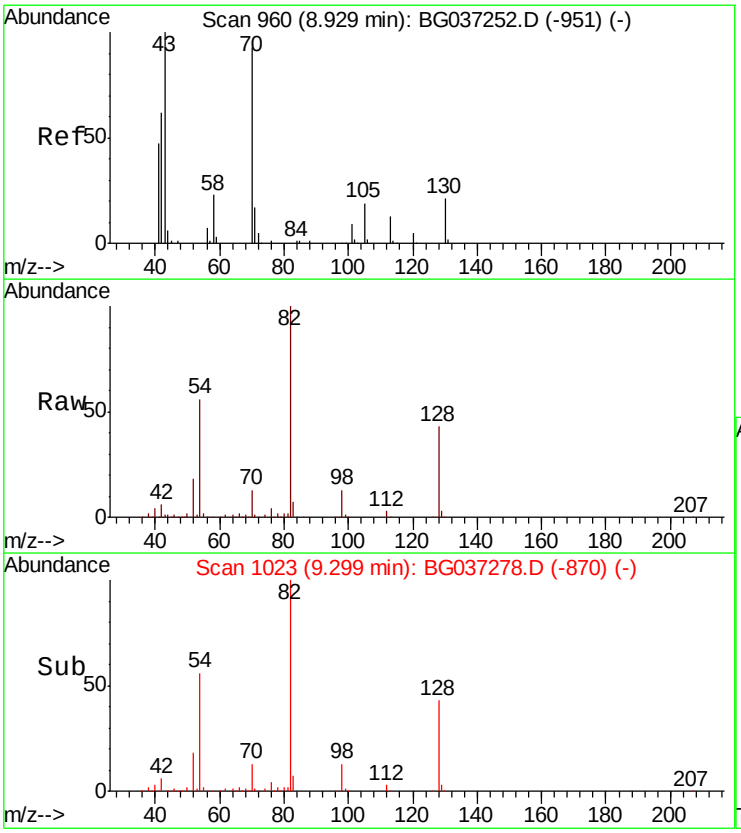
#7
Phenol-d6
Concen: 35.998 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion: 99 Resp: 210065

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	29.6	25.5	38.3

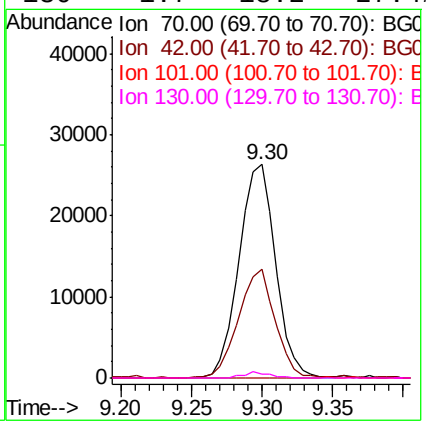


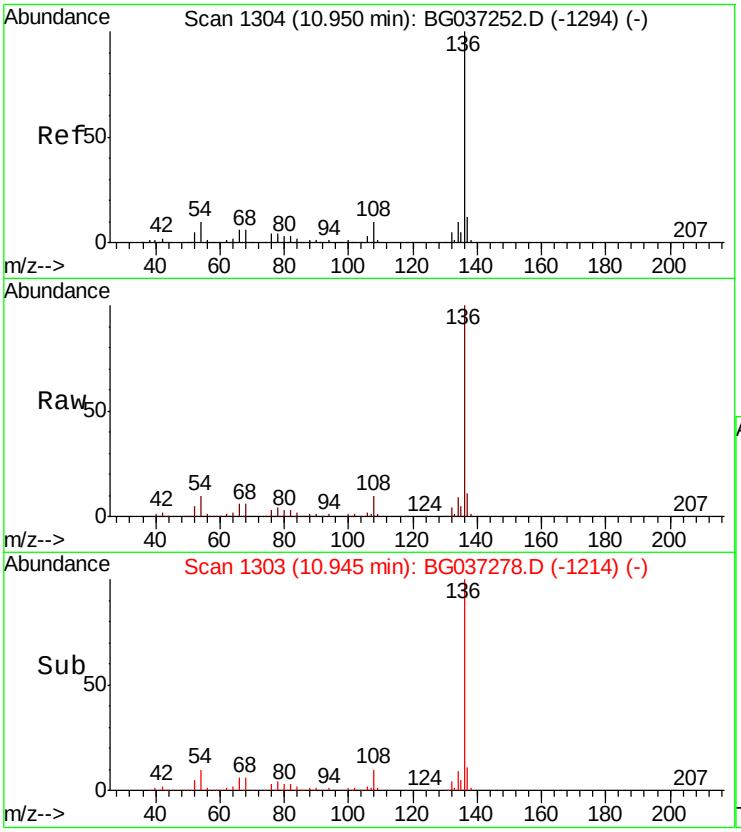


#19
n-Nitroso-di-n-propylamine
Concen: 10.890 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.37 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion: 70 Resp: 48112

Ion	Ratio	Lower	Upper
70	100		
42	51.1	53.9	80.9#
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#



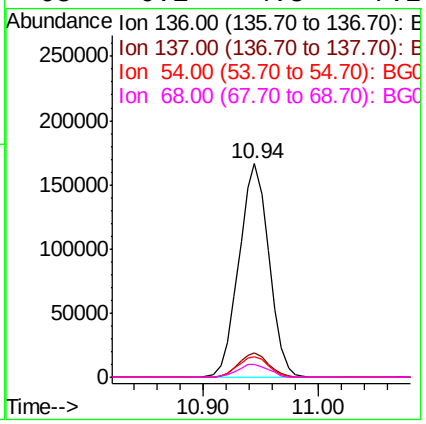


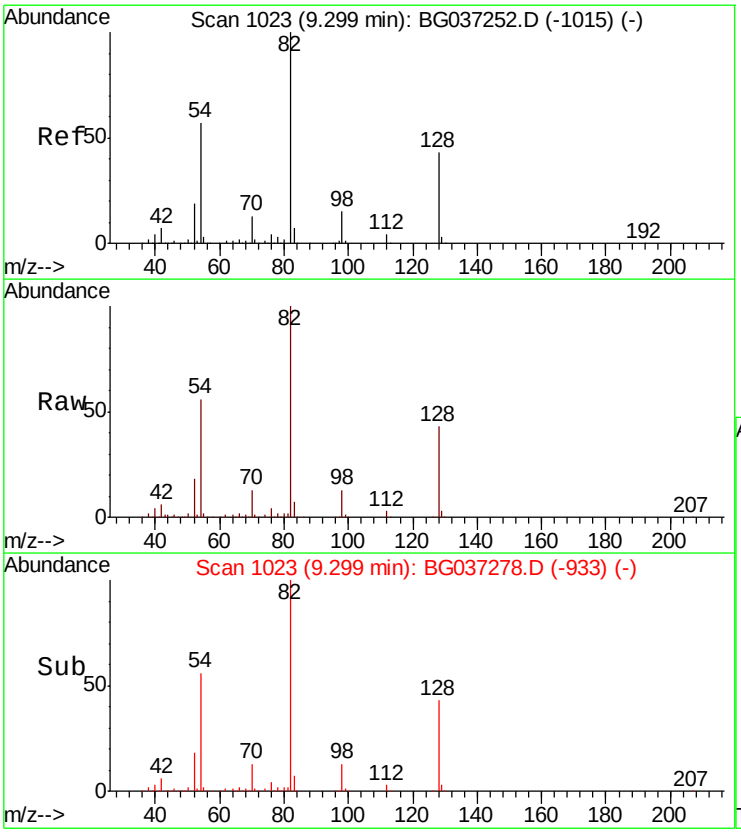
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:136 Resp: 299792

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.8	7.9	11.9
68	6.1	4.8	7.2

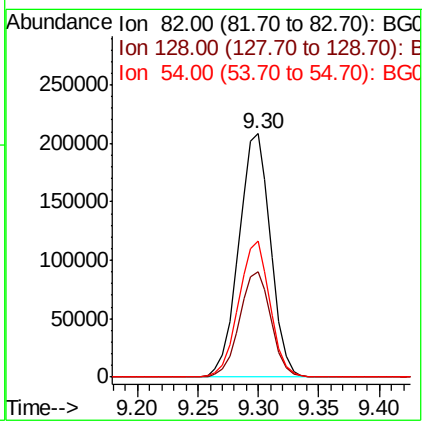


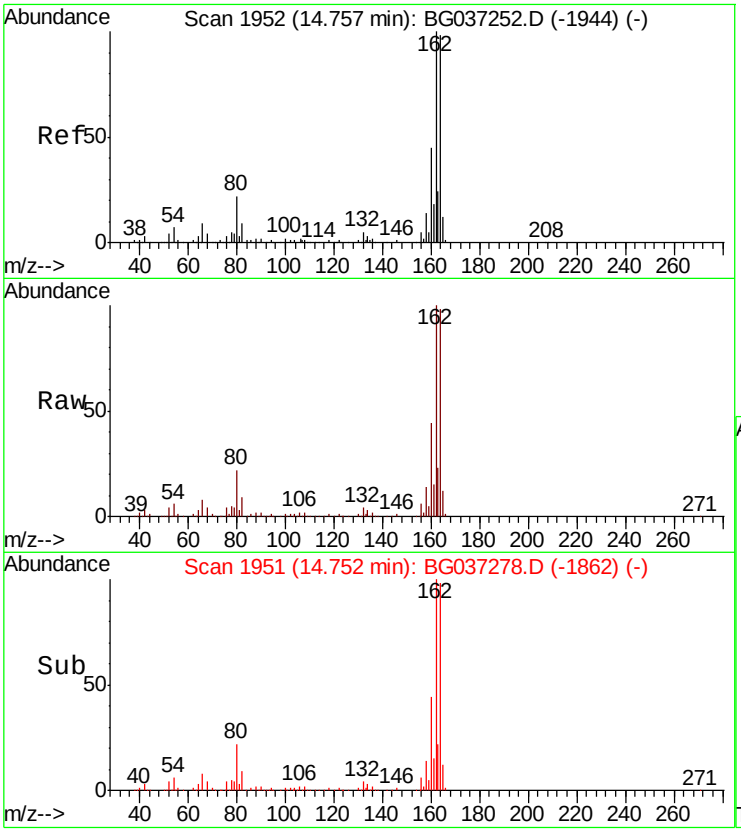


#23
Nitrobenzene-d5
Concen: 83.700 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion: 82 Resp: 381665

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	55.7	45.3	67.9



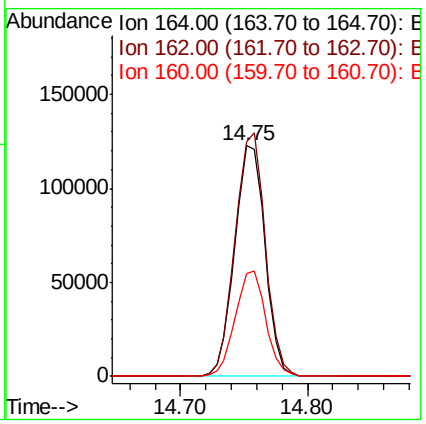


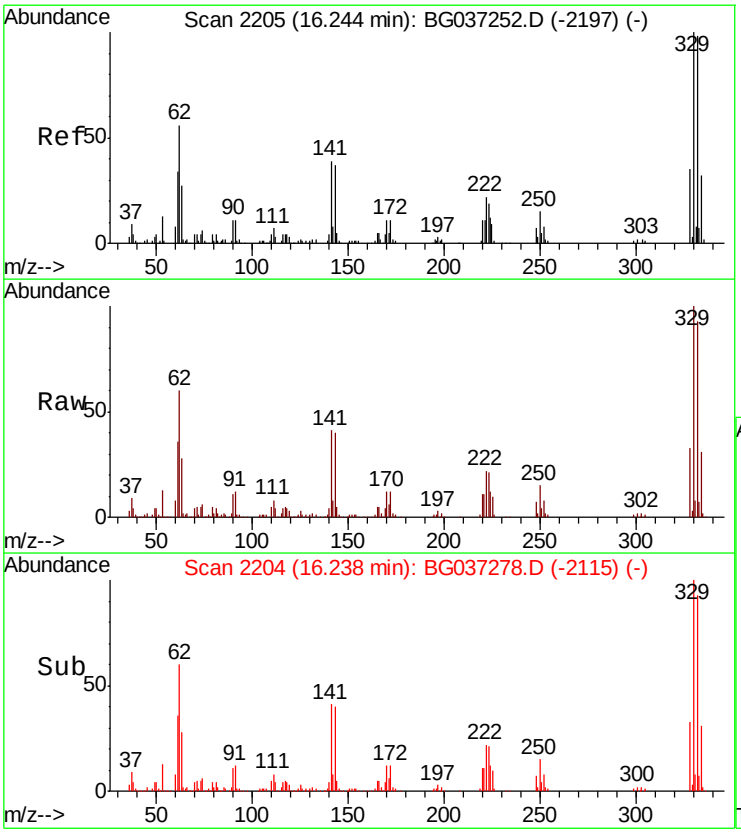
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:164 Resp: 203765

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	44.4	36.3	54.5

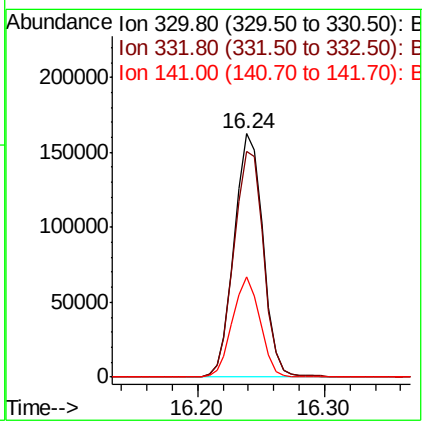


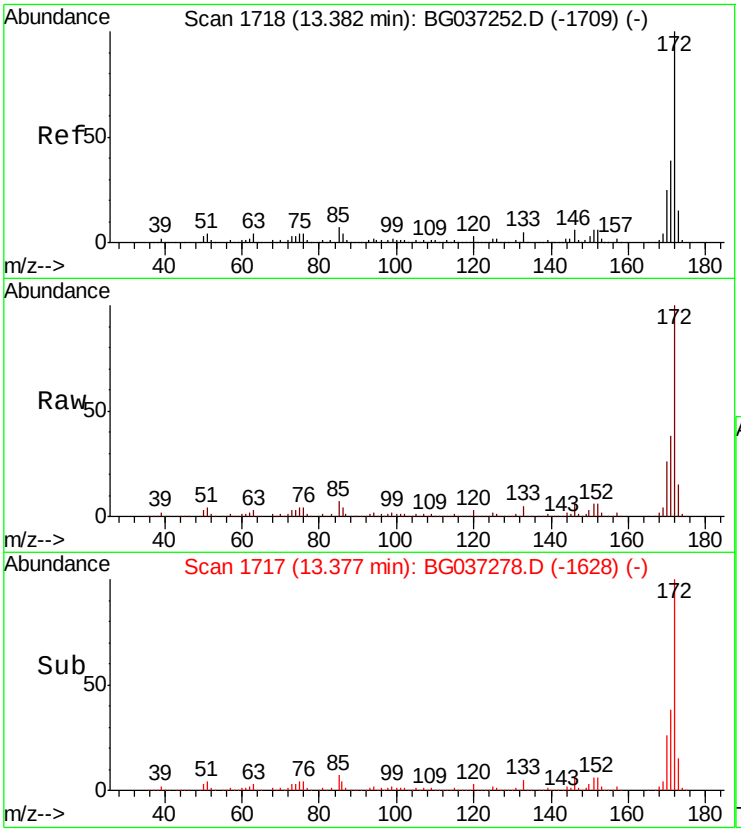


#42
2,4,6-Tribromophenol
Concen: 127.464 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:330 Resp: 254720

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	39.6	32.2	48.2



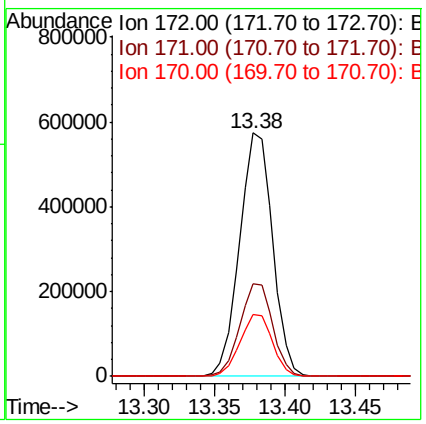


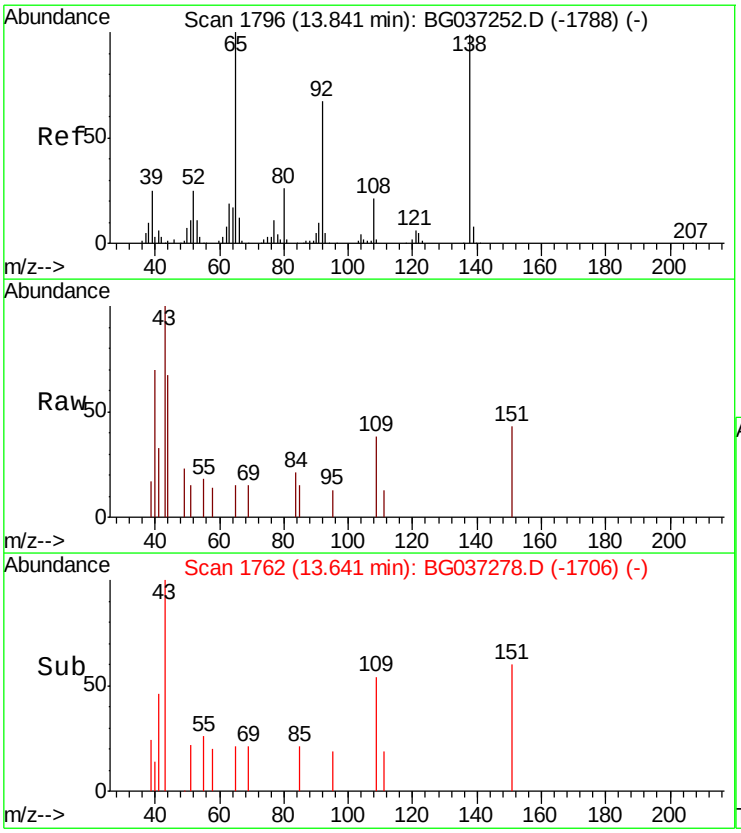
#45
2-Fluorobiphenyl
Concen: 69.328 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:172 Resp: 940668

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.6	20.2	30.2

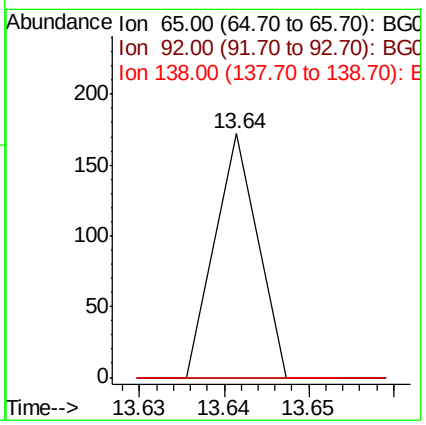


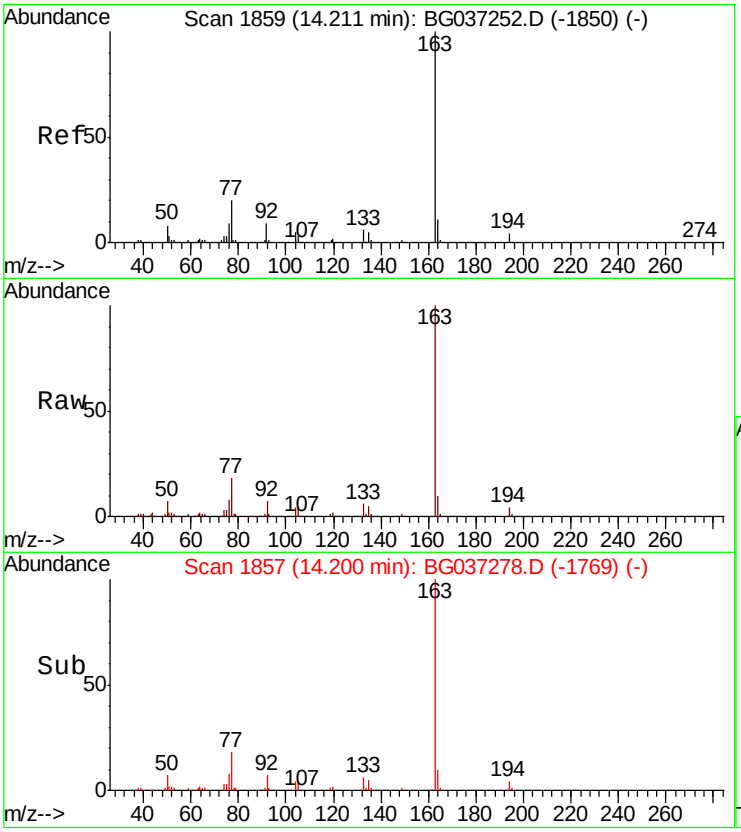


#48
2-Nitroaniline
Concen: 5.771 ng
RT: 13.64 min Scan# 1762
Delta R.T. -0.20 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion: 65 Resp: 61

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



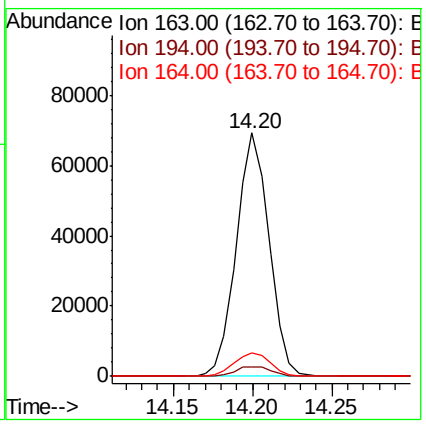


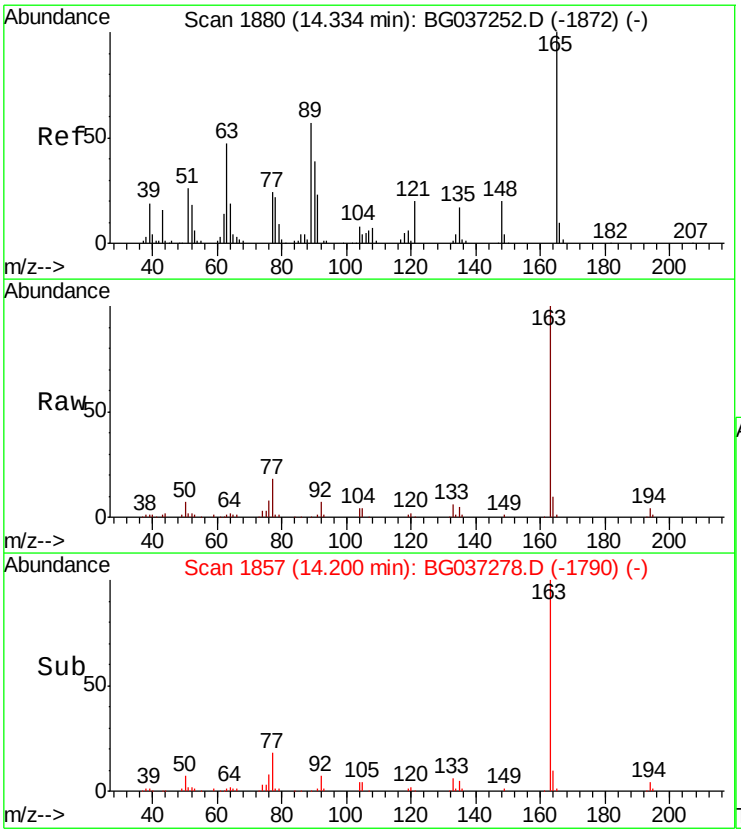
#50
Dimethylphthalate
Concen: 6.207 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:163 Resp: 99397

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.8	8.5	12.7

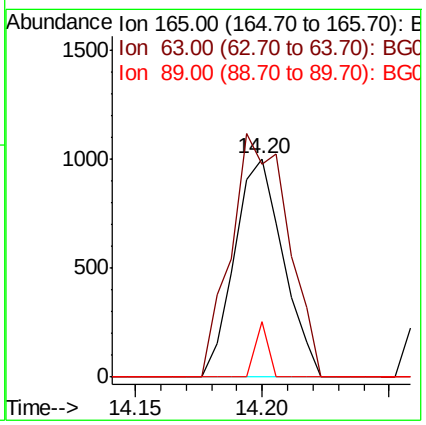


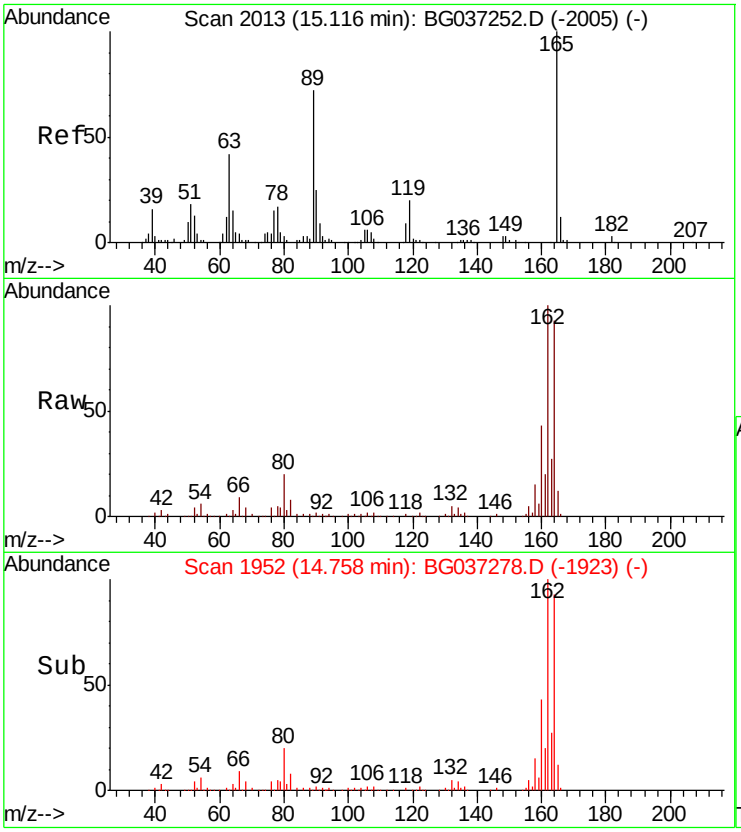


#51
2,6-Dinitrotoluene
Concen: 5.196 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.13 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:165 Resp: 1331

Ion	Ratio	Lower	Upper
165	100		
63	97.6	43.4	65.2#
89	25.1	45.8	68.6#



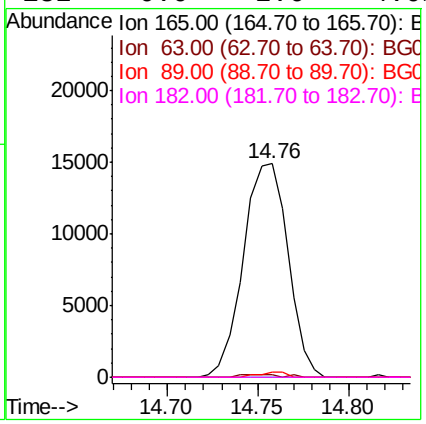


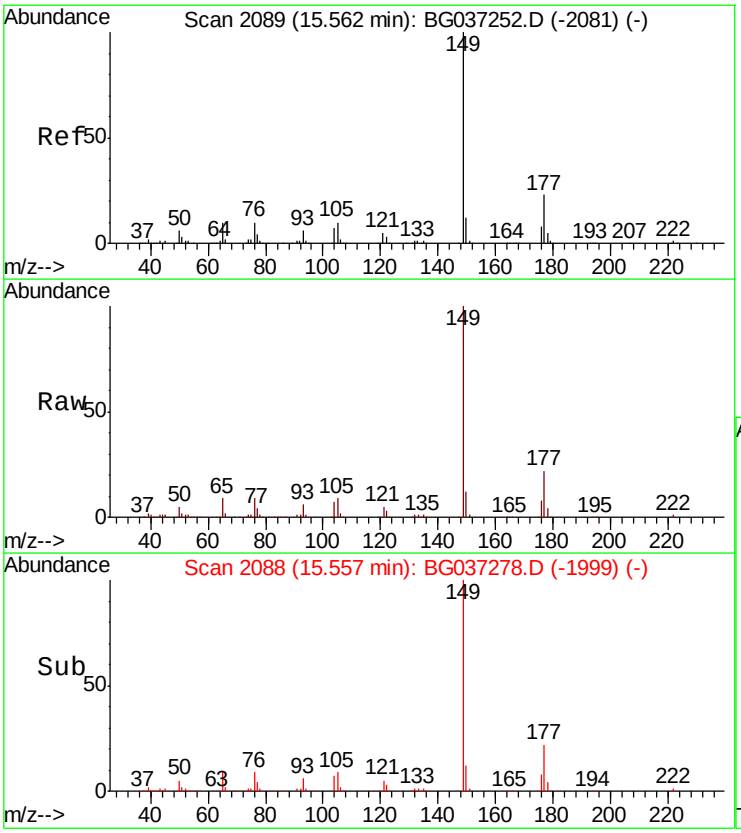
#57
2,4-Dinitrotoluene
Concen: 11.094 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.36 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:165 Resp: 25519

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#

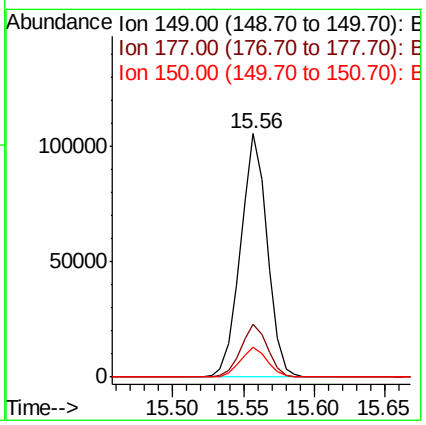


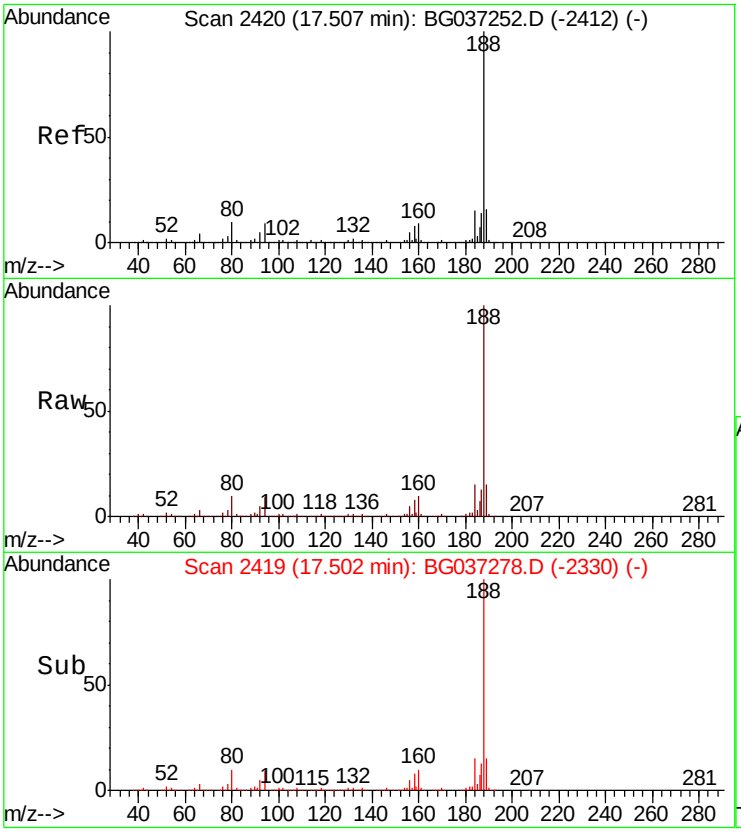


#60
Diethylphthalate
Concen: 8.415 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:149 Resp: 139647

Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.3	27.5
150	12.2	10.0	15.0



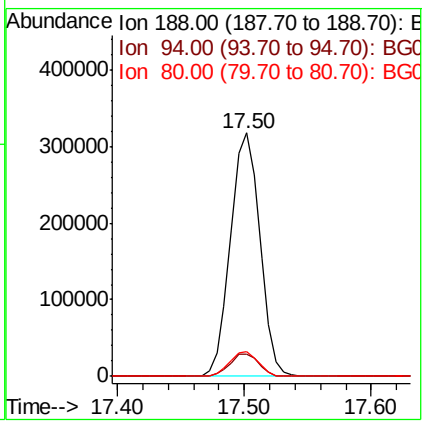


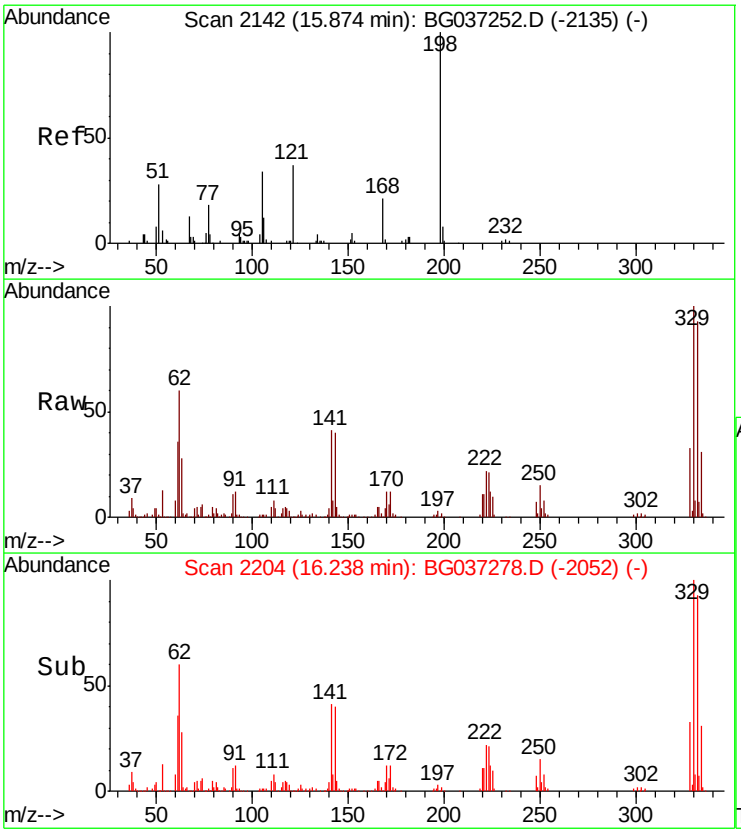
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:188 Resp: 508395

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5

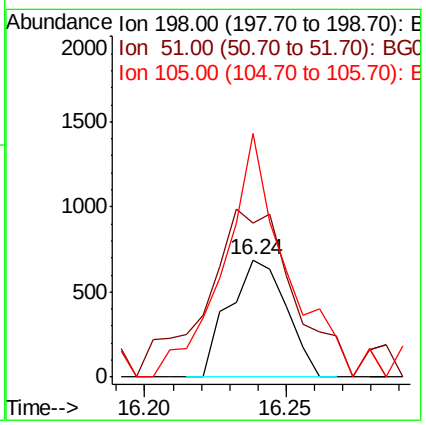


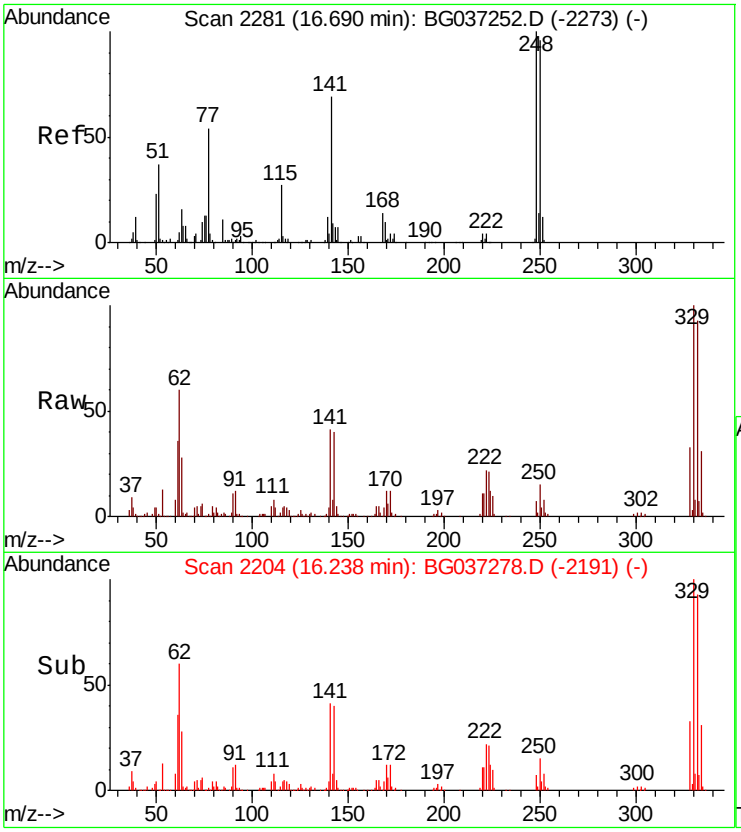


#65
4,6-Dinitro-2-methylphenol
Concen: 6.478 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.37 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:198 Resp: 967

Ion	Ratio	Lower	Upper
198	100		
51	28.6	22.7	62.7
105	45.1	19.7	59.7



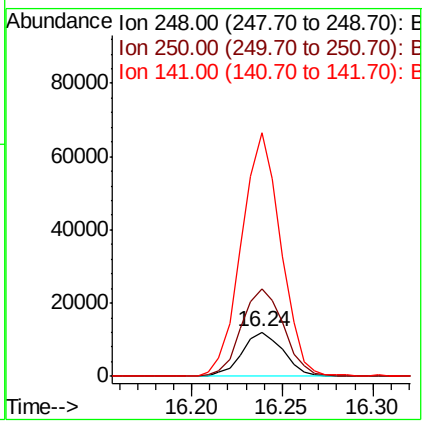


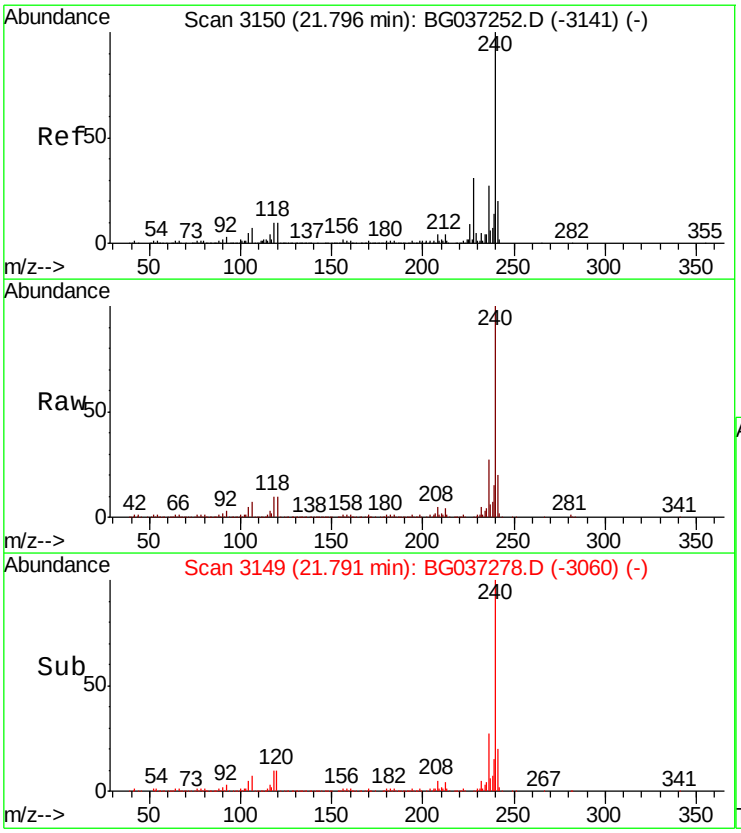
#67
4-Bromophenyl-phenylether
Concen: 3.419 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:248 Resp: 18759

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.0	115.6#
141	419.8	55.5	83.3#

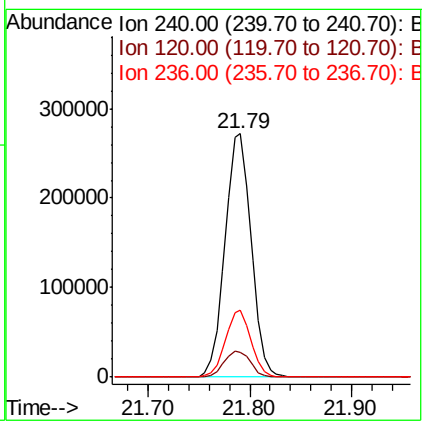


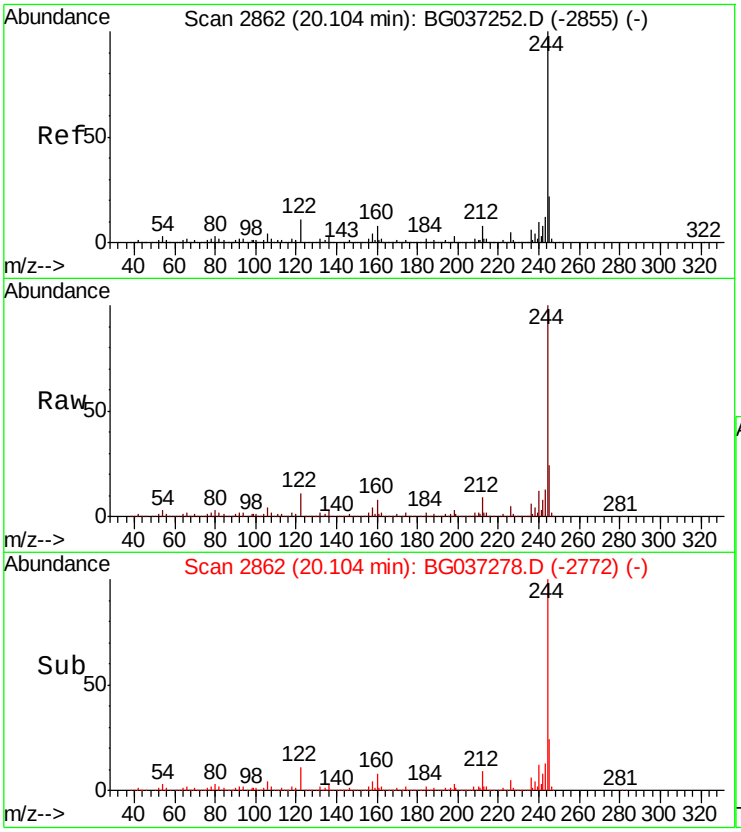


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:240 Resp: 485633

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	27.3	21.4	32.0



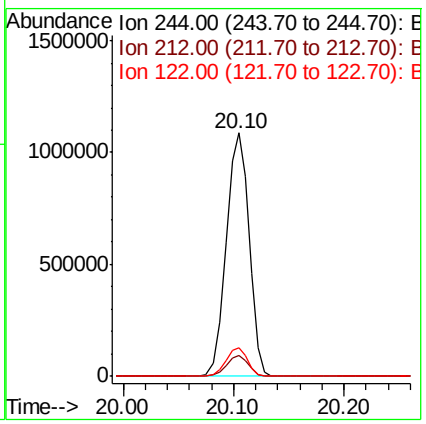


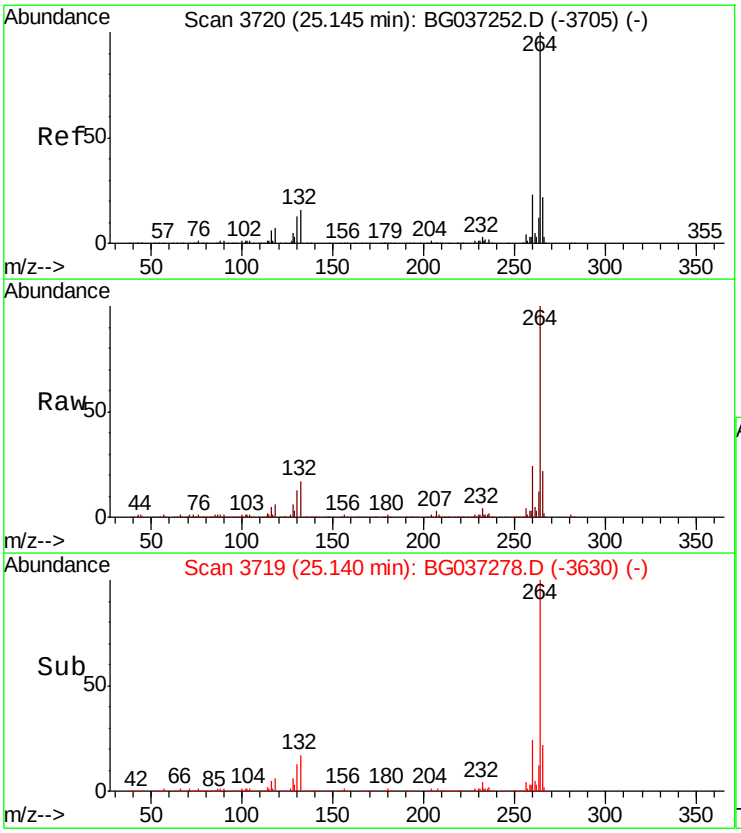
#79
Terphenyl-d14
Concen: 68.212 ng
RT: 20.10 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TW-2

Tgt Ion:244 Resp: 1577625

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037278.D
Acq: 12 Oct 2018 5:49

Tgt Ion:264 Resp: 499698

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