Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037361.D
Acq On : 16 Oct 2018 16:12
Operator : JU/SJ
Sample : J5516-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 01:38:18 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	58524	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	256335	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	175577	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	440616	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	403791	20.00	ng	-0.02
87) Perylene-d12	25.12	264	415379	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	349099	104.98	ng	0.00
7) Phenol-d6	7.25	99	502592	99.57	ng	0.00
23) Nitrobenzene-d5	9.29	82	280922	72.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	181864	105.62	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	723609	61.89	ng	-0.01
79) Terphenyl-d14	20.09	244	1147812	59.69	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	34405	9.003	ng	# 73
48) 2-Nitroaniline	14.19	65	612	5.937	ng	# 1
50) Dimethylphthalate	14.19	163	77710	5.632	ng	# 97
51) 2,6-Dinitrotoluene	14.19	165	680	5.039	ng	# 20
57) 2,4-Dinitrotoluene	14.75	165	22162	11.140	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	389	6.193	ng	# 77
67) 4-Bromophenyl-phenylether	16.23	248	13441	2.827	ng	# 1

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

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Acq On : 16 Oct 2018 16:12
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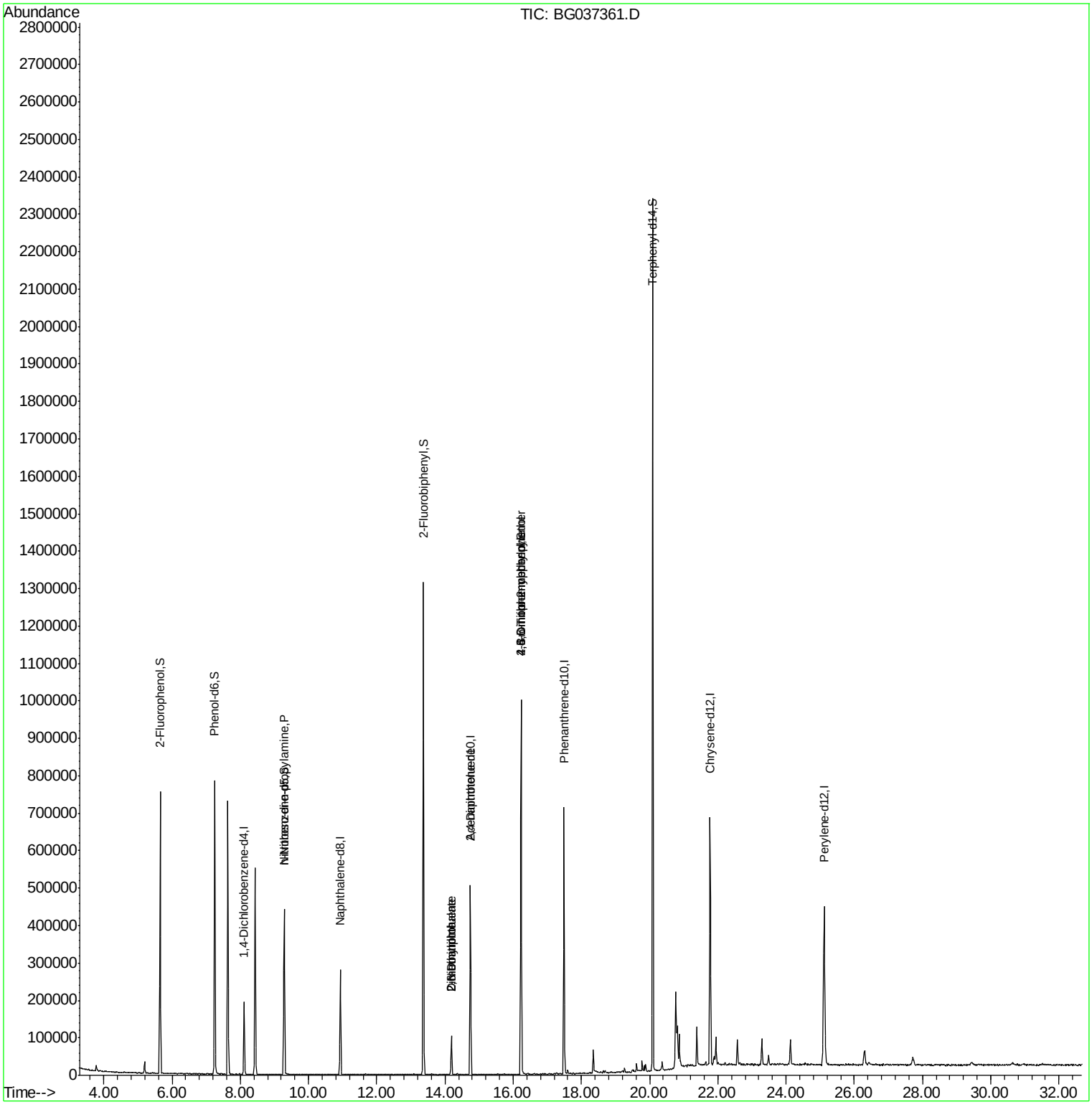
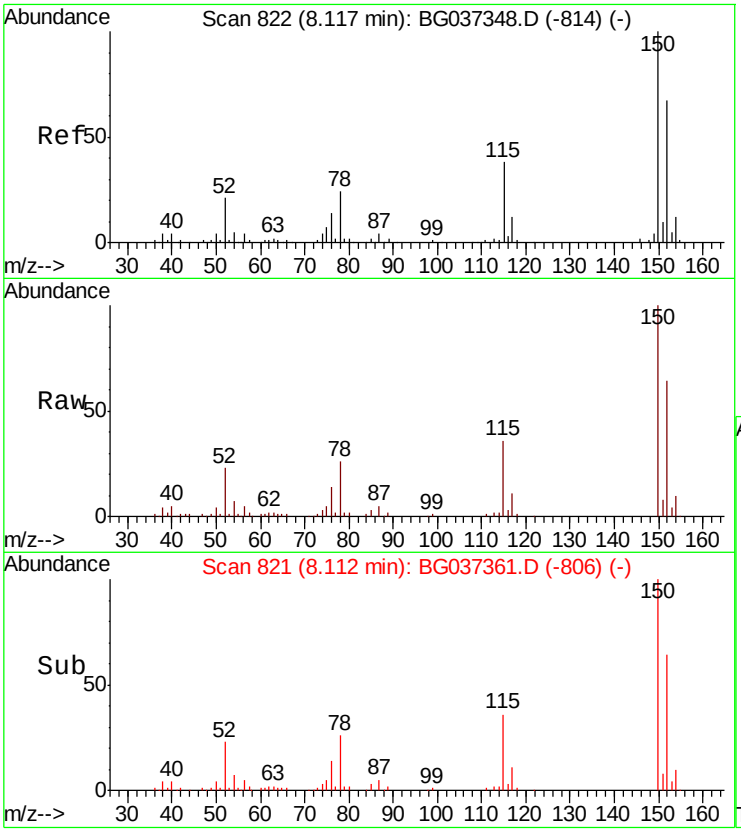
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

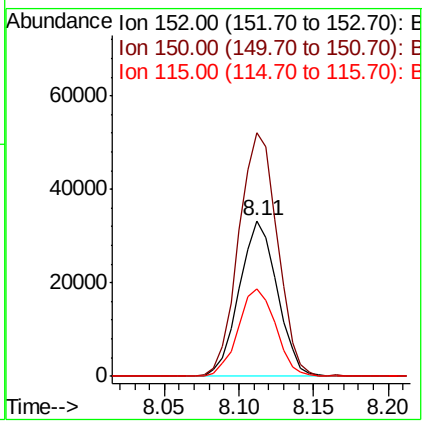




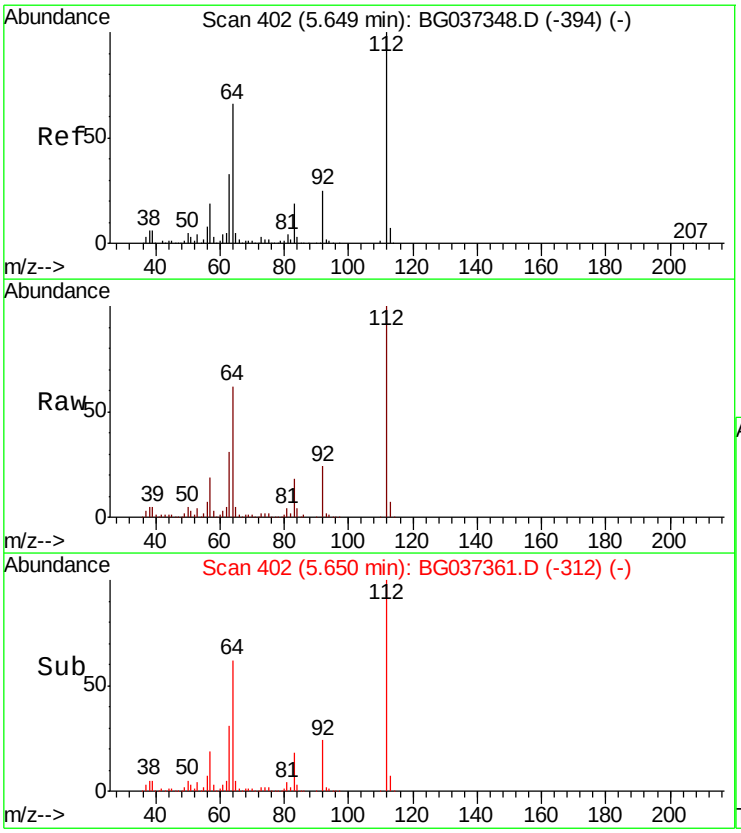
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion:152 Resp: 58524

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.0	189.0
115	56.4	45.5	68.3



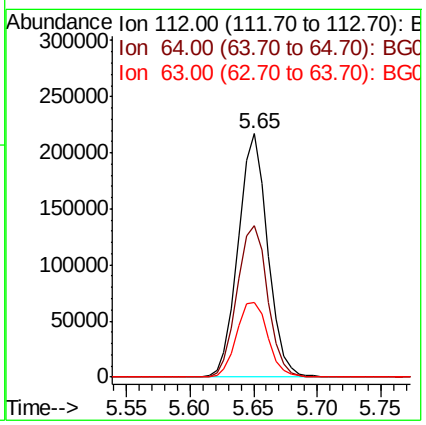
Instrument :
BNA_G
ClientSampleId :

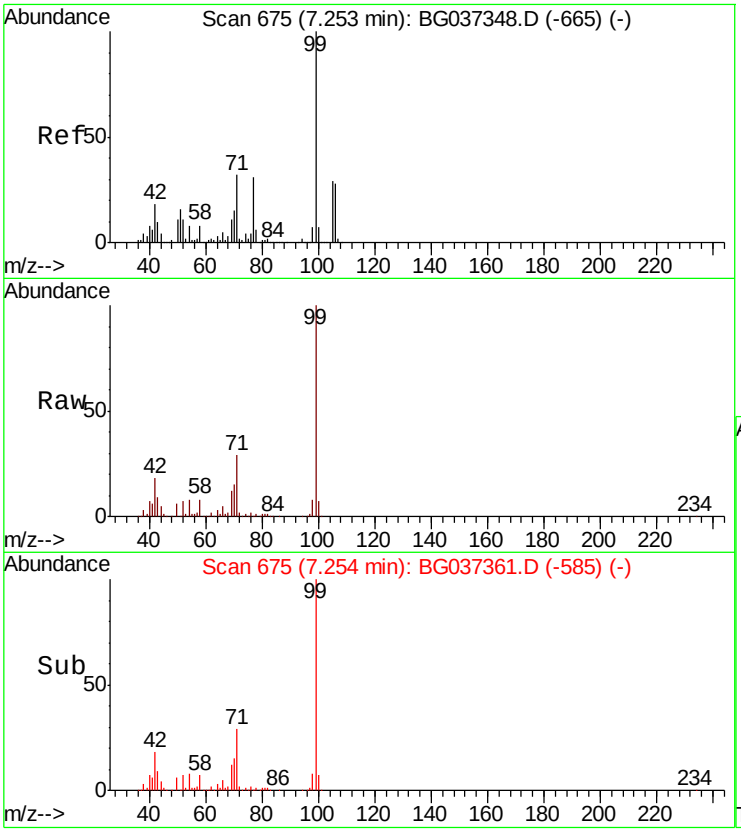


#5
2-Fluorophenol
Concen: 104.979 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion:112 Resp: 349099

Ion	Ratio	Lower	Upper
112	100		
64	62.2	53.1	79.7
63	30.8	27.3	40.9



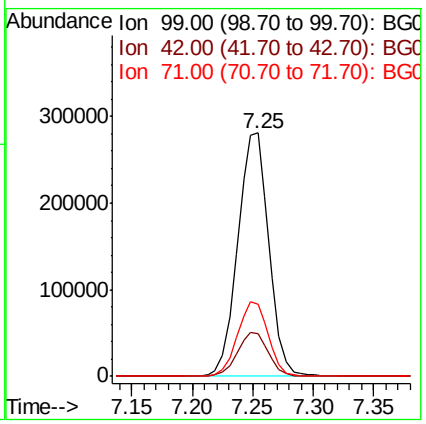


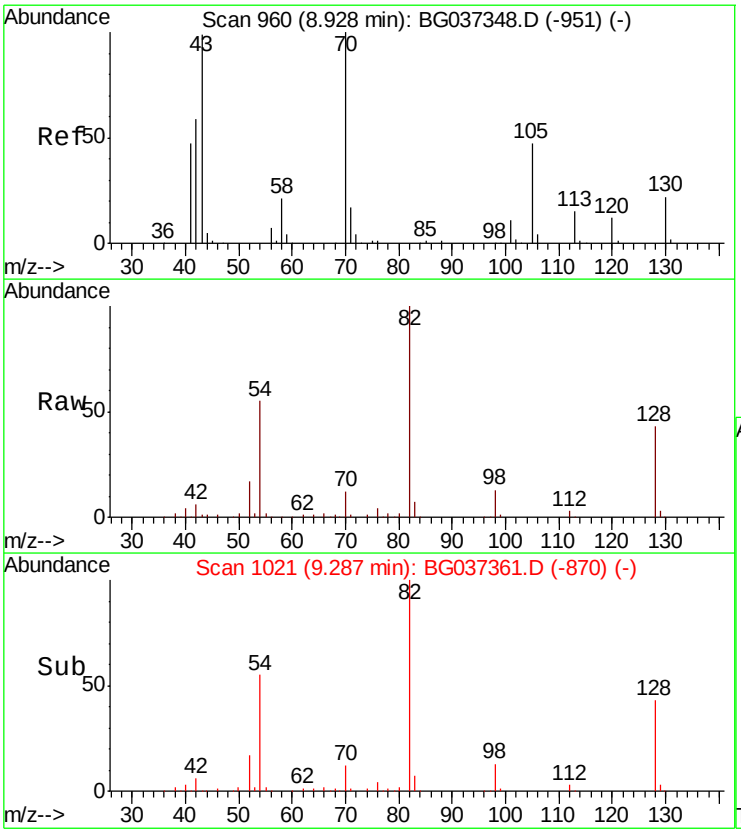
#7
Phenol-d6
Concen: 99.574 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 502592

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	29.5	25.5	38.3

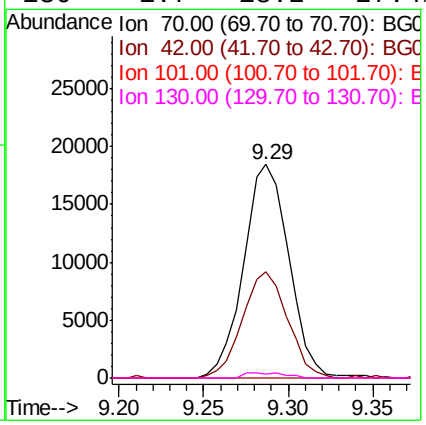


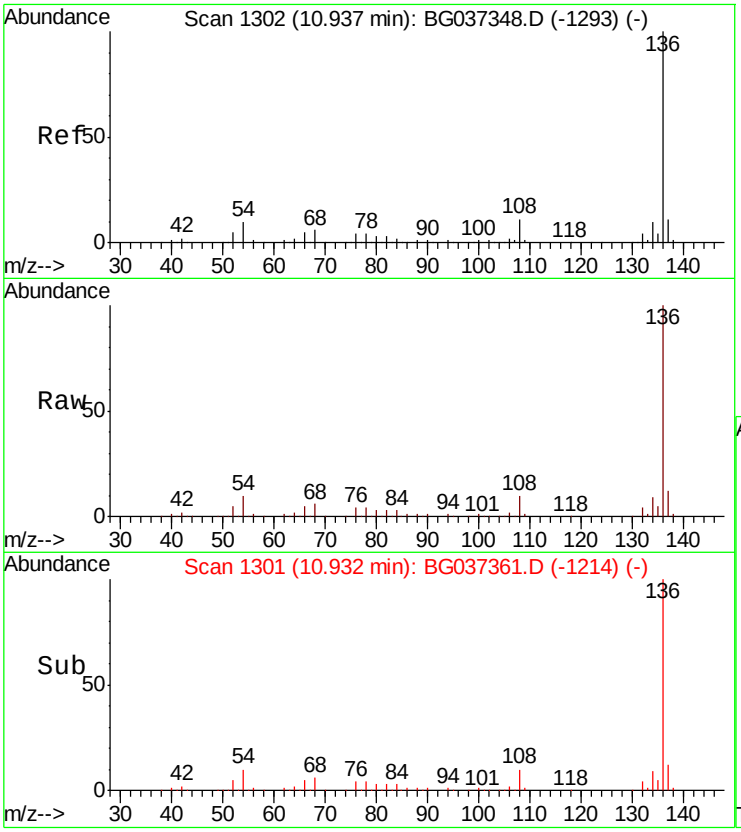


#19
n-Nitroso-di-n-propylamine
Concen: 9.003 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion: 70 Resp: 34405

Ion	Ratio	Lower	Upper
70	100		
42	49.9	53.9	80.9#
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#



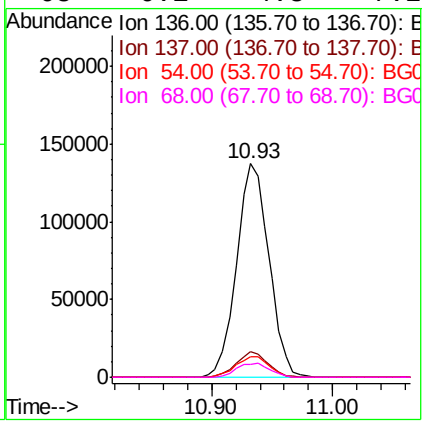


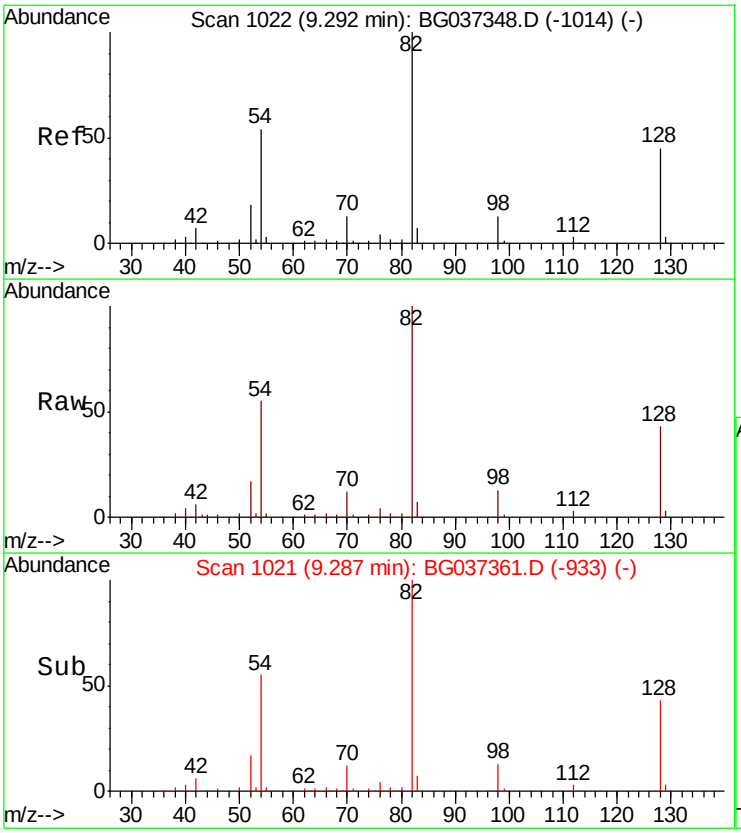
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 256335

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.6	7.9	11.9
68	6.1	4.8	7.2

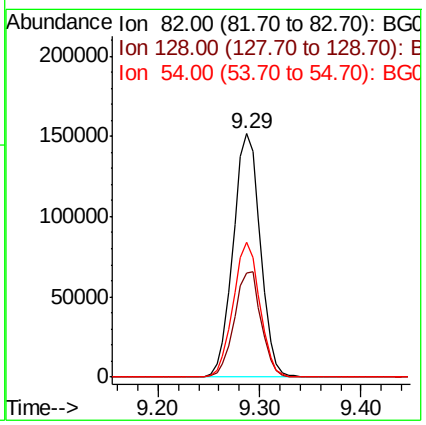


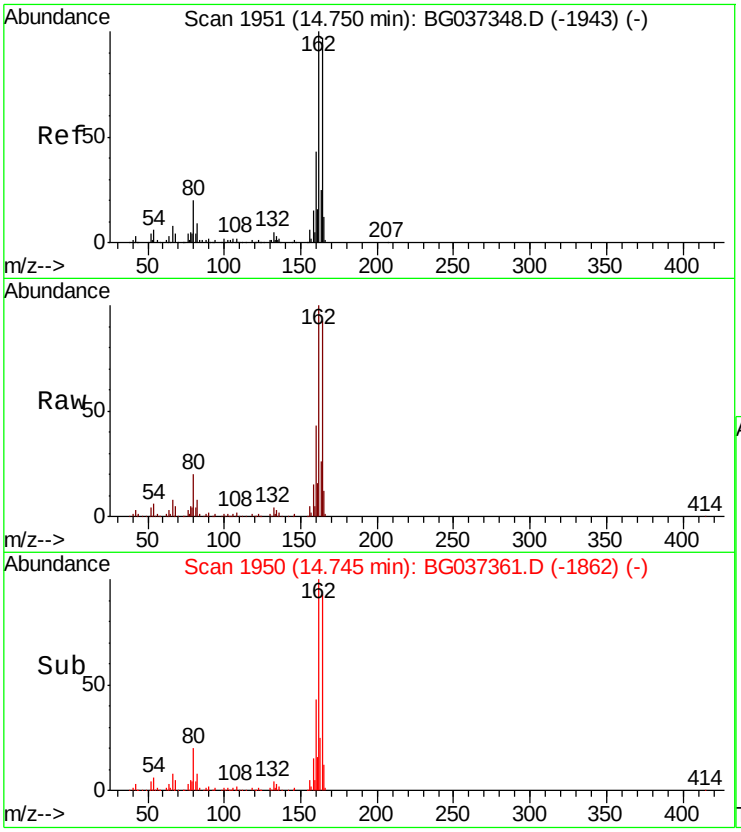


#23
Nitrobenzene-d5
Concen: 72.051 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion: 82 Resp: 280922

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	55.4	45.3	67.9



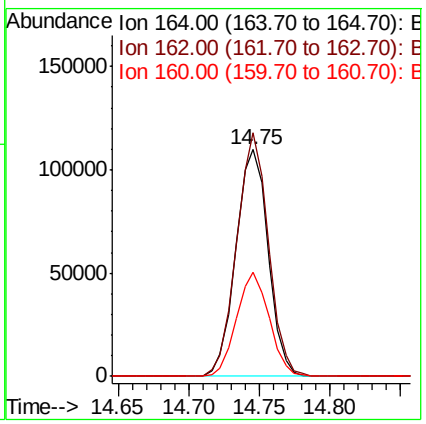


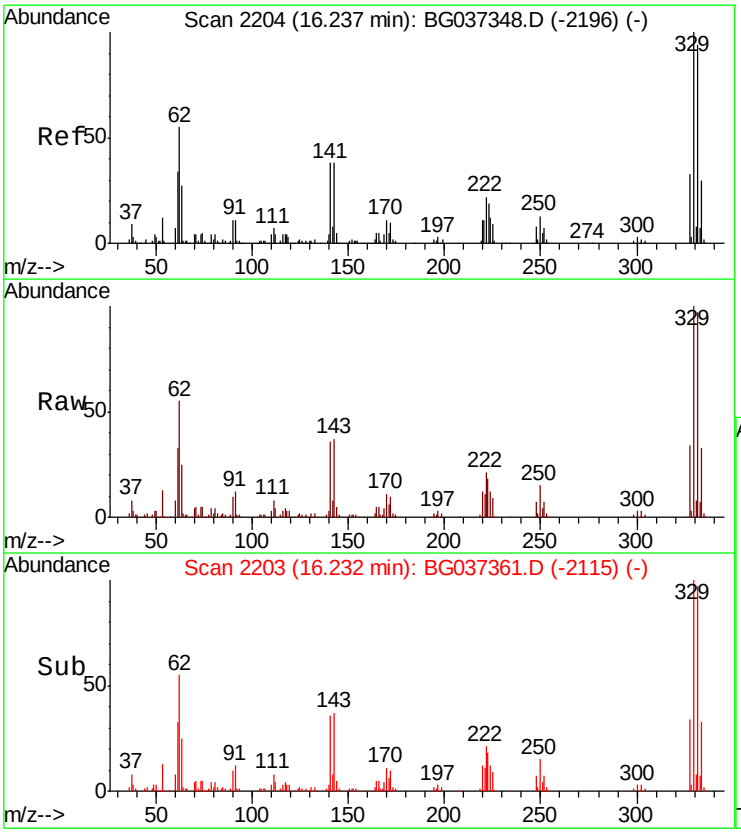
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 175577

Ion	Ratio	Lower	Upper
164	100		
162	107.4	81.3	121.9
160	46.1	36.3	54.5

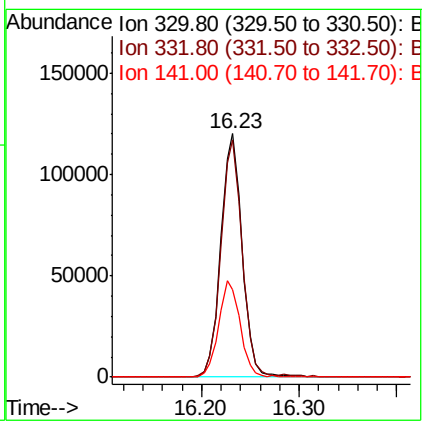


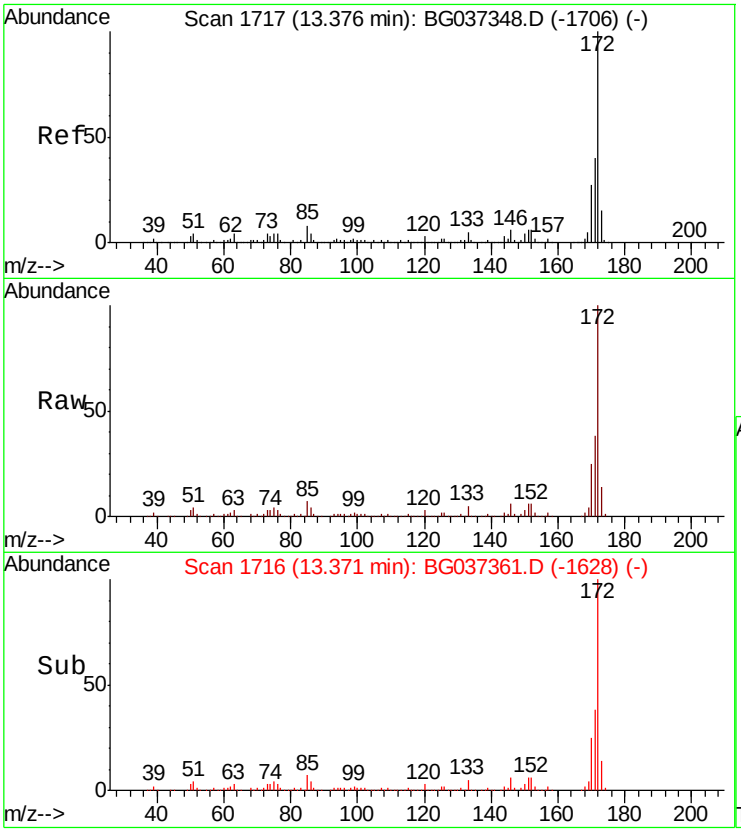


#42
2,4,6-Tribromophenol
Concen: 105.617 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion:330 Resp: 181864

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.4	117.6
141	40.1	32.2	48.2



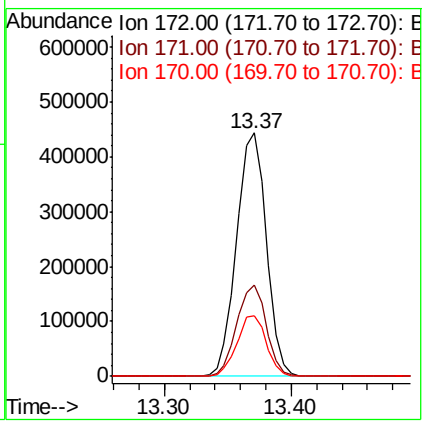


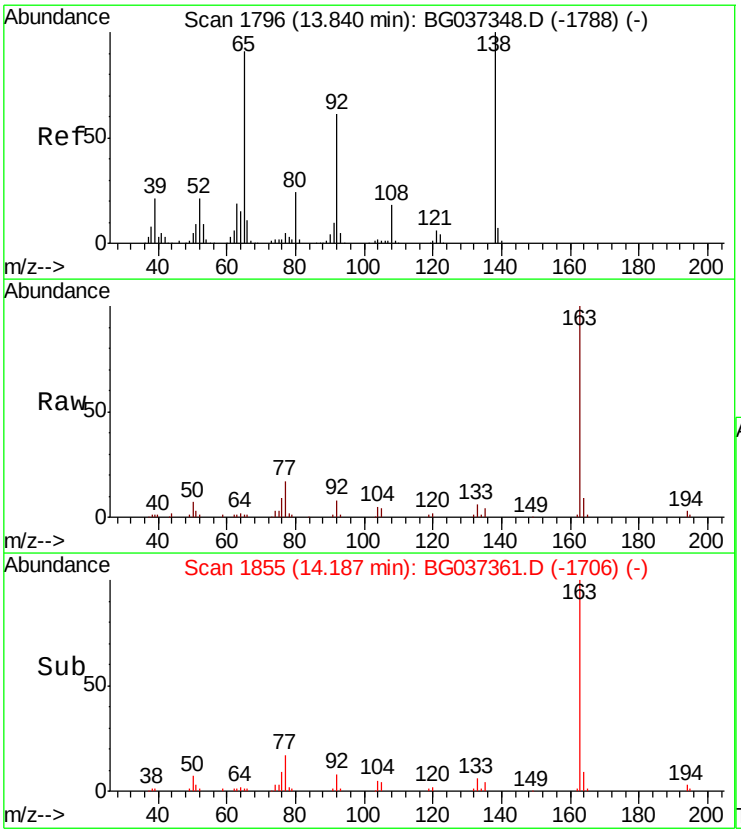
#45
2-Fluorobiphenyl
Concen: 61.893 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 723609

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.0	20.2	30.2

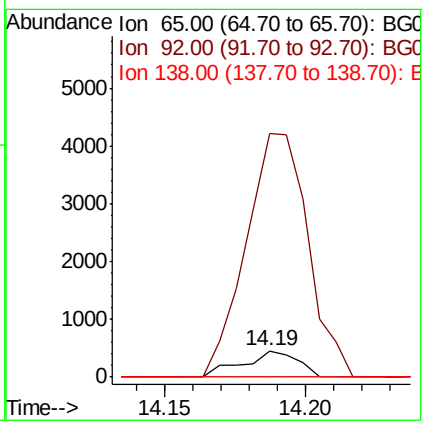


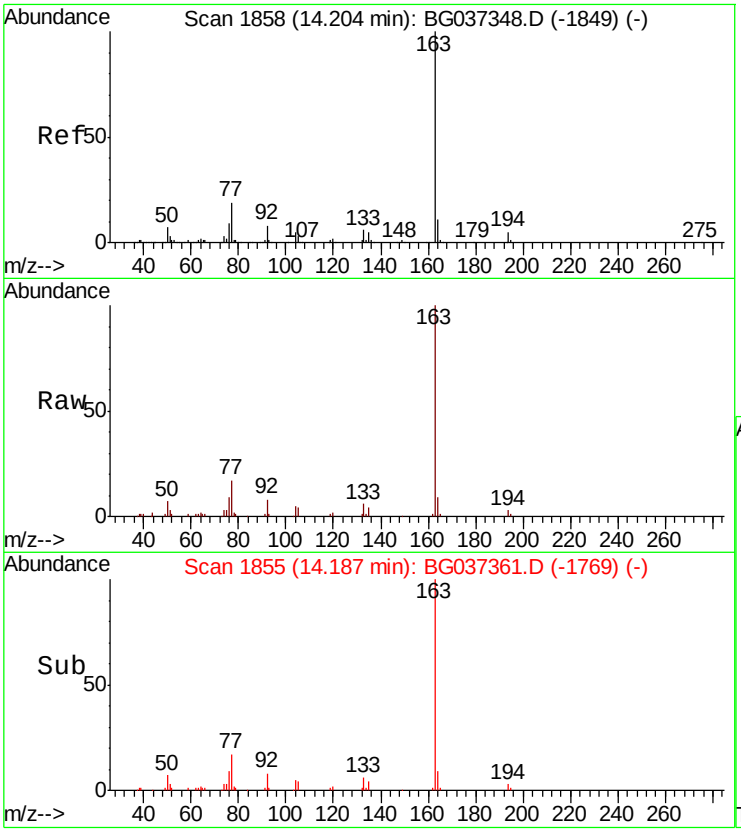


#48
2-Nitroaniline
Concen: 5.937 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion: 65 Resp: 612

Ion	Ratio	Lower	Upper
65	100		
92	921.7	53.2	79.8#
138	0.0	79.3	118.9#



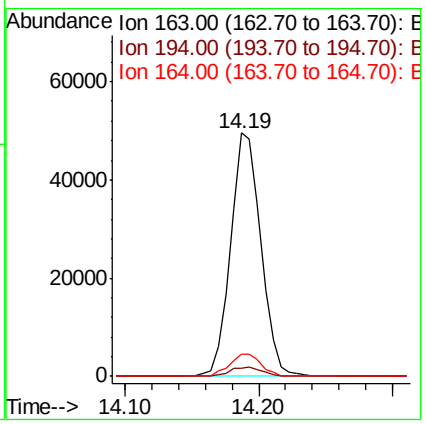


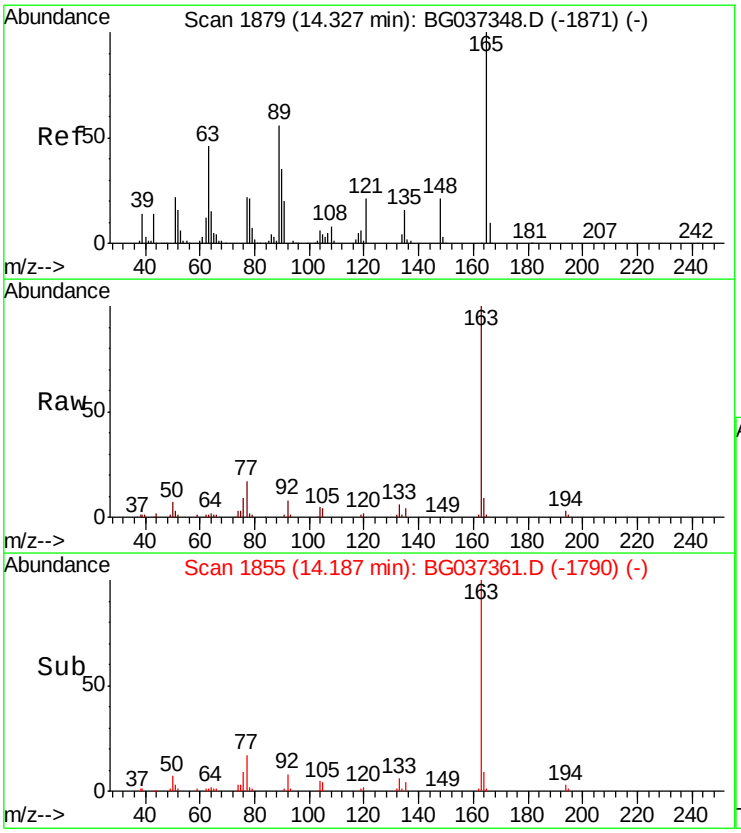
#50
Dimethylphthalate
Concen: 5.632 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 77710

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.5	5.3#
164	9.3	8.5	12.7

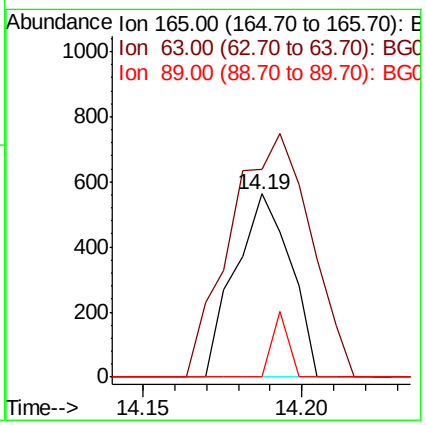


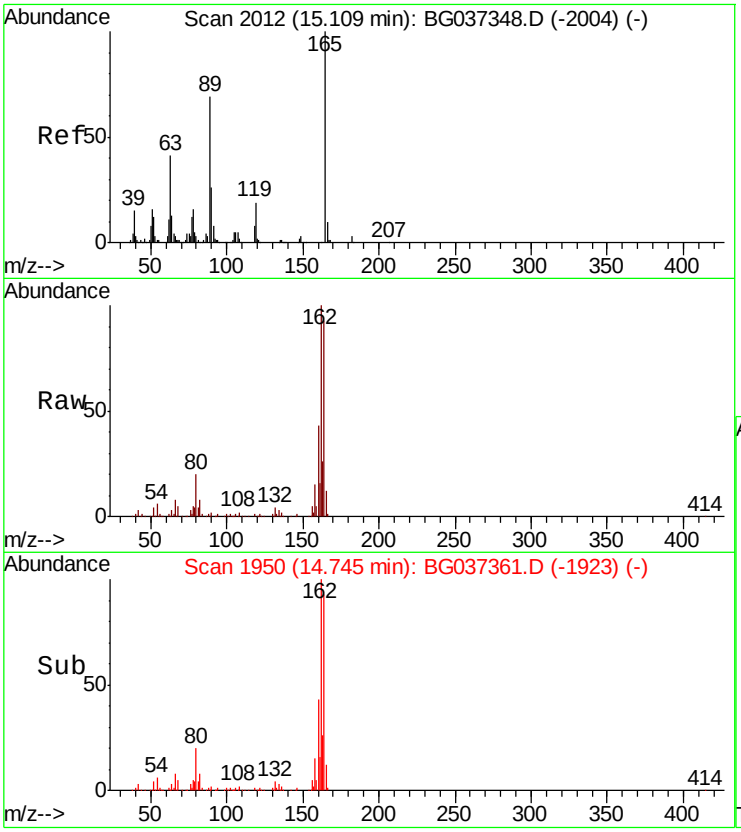


#51
2,6-Dinitrotoluene
Concen: 5.039 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.15 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion:165 Resp: 680

Ion	Ratio	Lower	Upper
165	100		
63	113.5	43.4	65.2#
89	0.0	45.8	68.6#



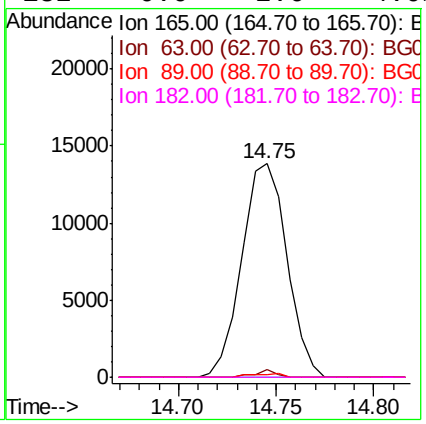


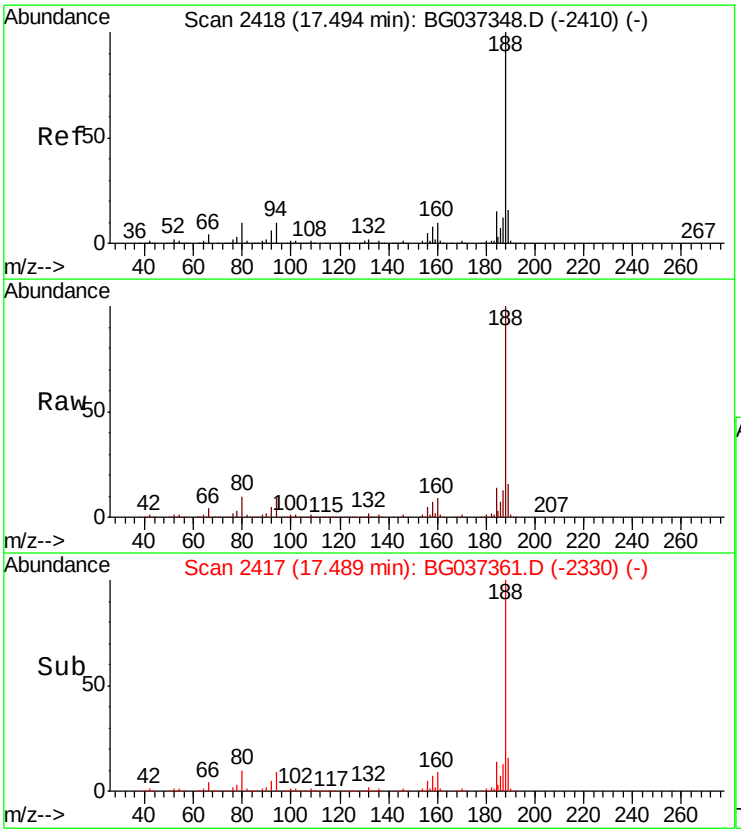
#57
2,4-Dinitrotoluene
Concen: 11.140 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22162

Ion	Ratio	Lower	Upper
165	100		
63	3.3	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

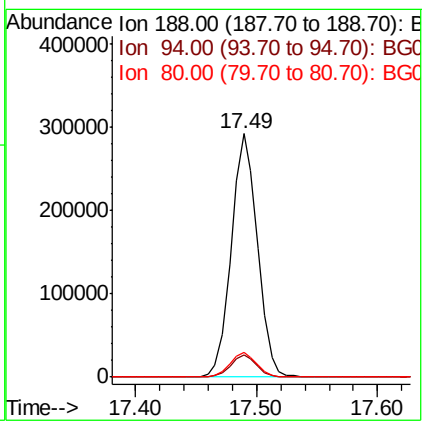


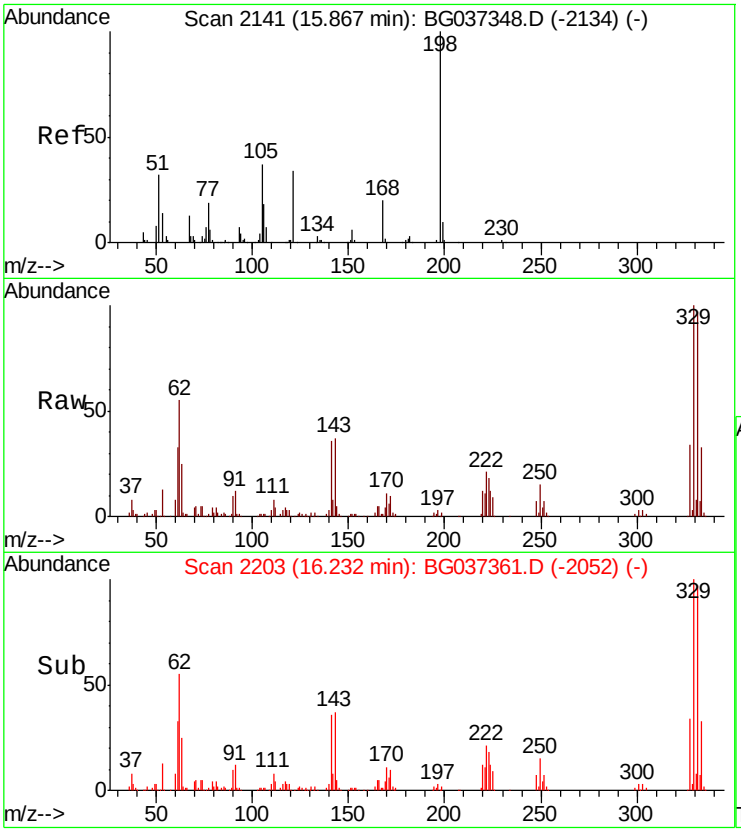


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion:188 Resp: 440616

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.1	7.7	11.5



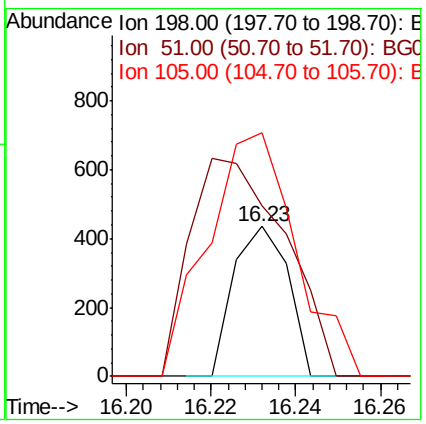


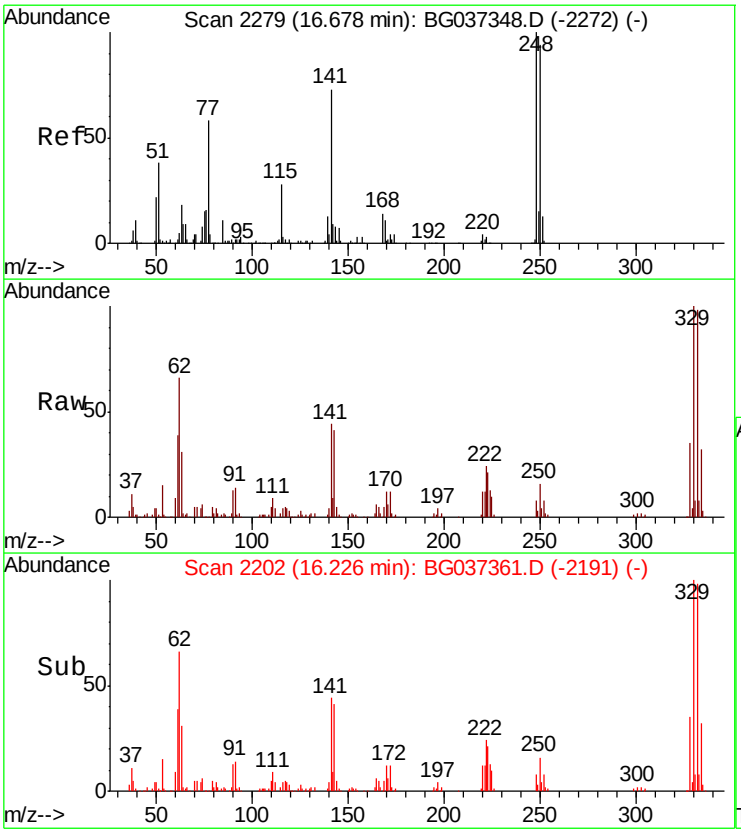
#65
4,6-Dinitro-2-methylphenol
Concen: 6.193 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 389

Ion	Ratio	Lower	Upper
198	100		
51	22.1	22.7	62.7#
105	31.4	19.7	59.7

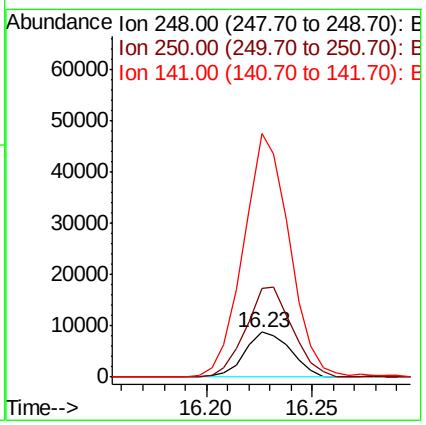


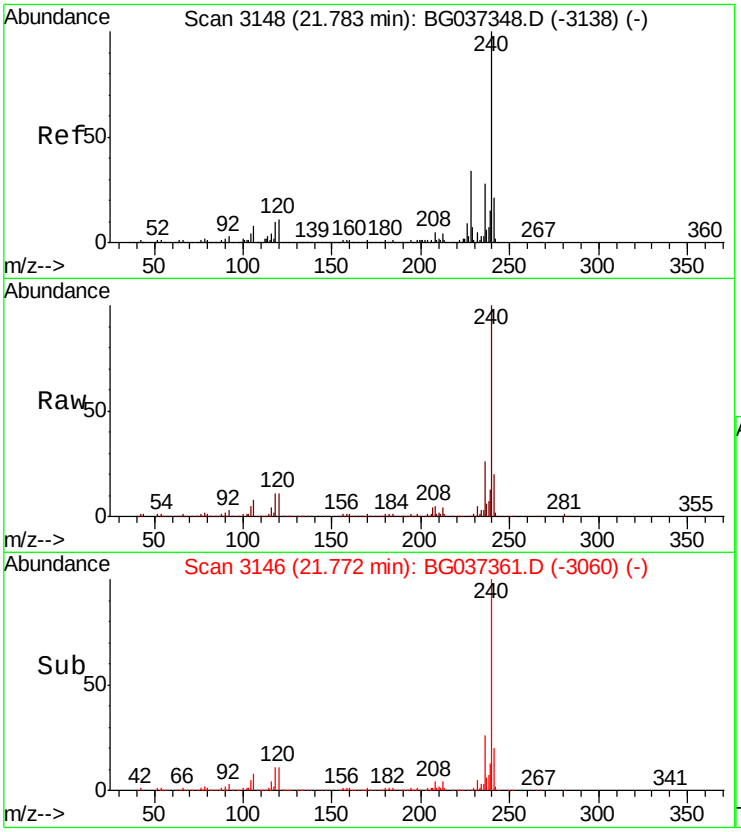


#67
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion:248 Resp: 13441

Ion	Ratio	Lower	Upper
248	100		
250	191.2	77.0	115.6#
141	407.9	55.5	83.3#



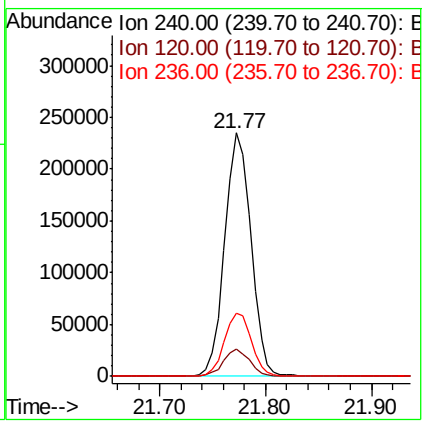


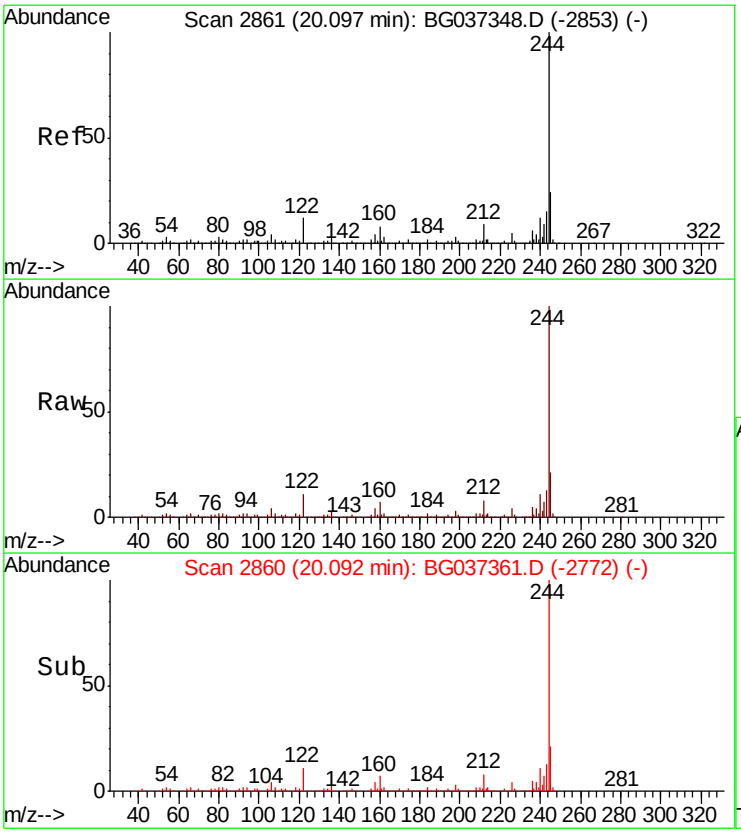
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 403791

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.1	21.4	32.0

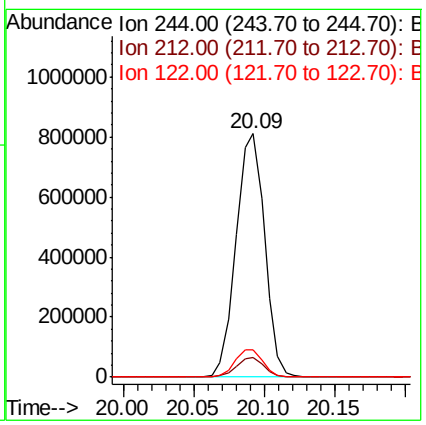


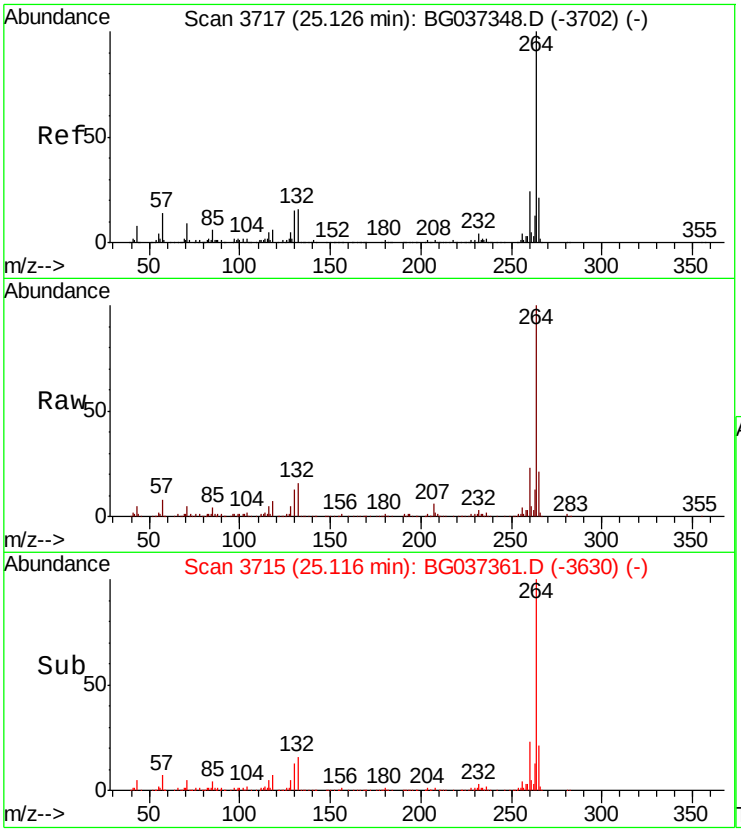


#79
Terphenyl-d14
Concen: 59.687 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Tgt Ion:244 Resp: 1147812

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037361.D
Acq: 16 Oct 2018 16:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 415379

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.2	17.9	26.9