Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033023.D
Acq On : 6 Mar 2018 15:37
Operator : SJ/JU
Sample : PB107075BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 06 17:42:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	50589	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	223979	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	128331	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	320148	20.00	ng	0.00
75) Chrysene-d12	22.60	240	310885	20.00	ng	0.00
86) Perylene-d12	26.40	264	303139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	245337	77.59	ng	0.00
7) Phenol-d6	8.01	99	325616	73.88	ng	0.00
23) Nitrobenzene-d5	10.11	82	277460	85.85	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	96917	71.82	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	615464	69.17	ng	0.00
78) Terphenyl-d14	20.77	244	968605	70.00	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	35680	11.467	ng	# 83
24) Nitrobenzene	10.10	77	728	6.557	ng	# 38
47) 2-Nitroaniline	14.16	65	1147	10.267	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	16808	16.490	ng	# 20
56) 2,4-Dinitrotoluene	15.52	165	16808	14.688	ng	# 18
61) 4-Nitroaniline	16.19	138	57	5.321	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.99	198	414	5.499	ng	# 1

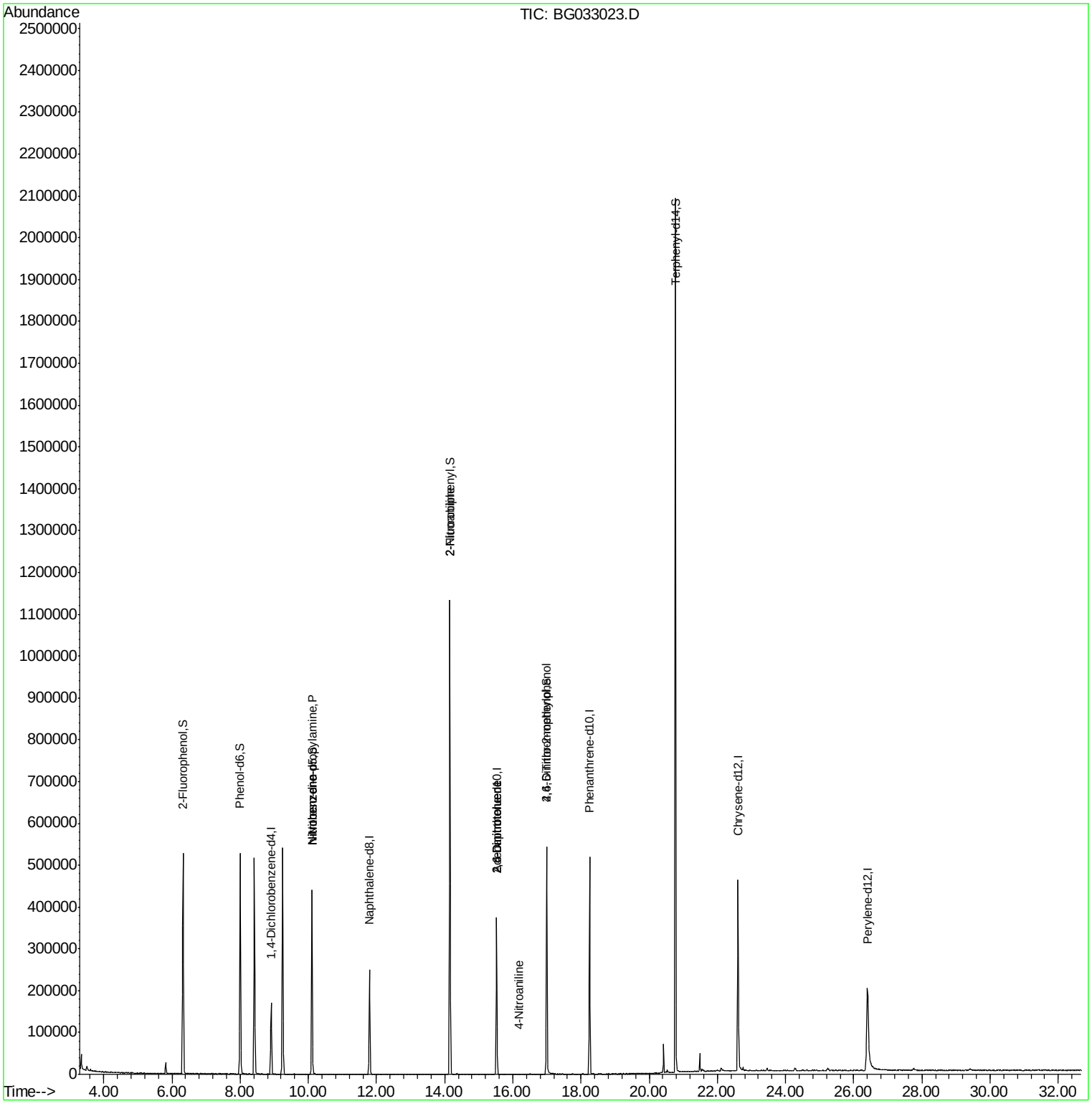
(#) = qualifier out of range (m) = manual integration (+) = signals summed

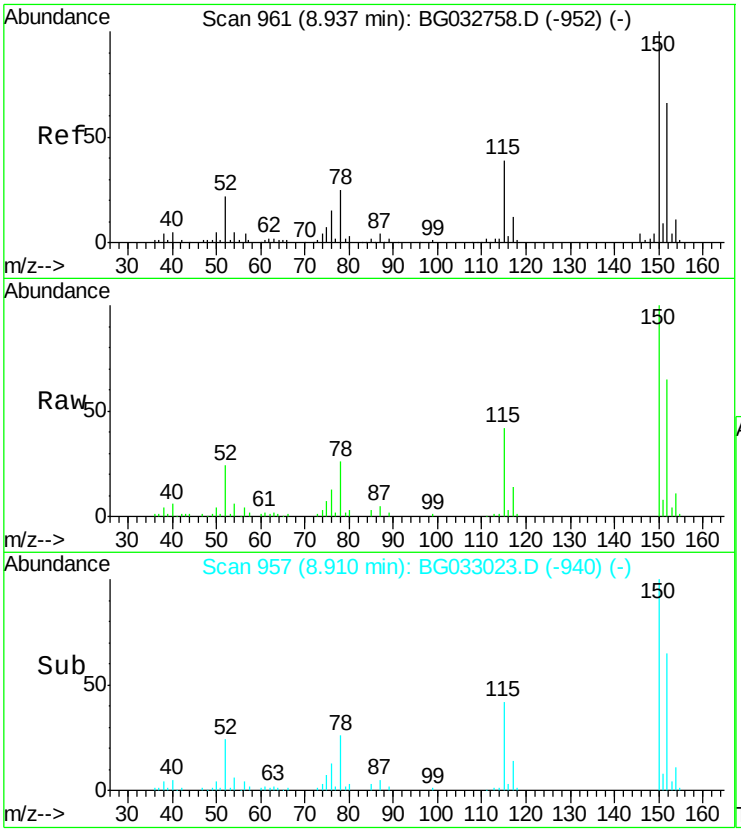
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033023.D
Acq On : 6 Mar 2018 15:37
Operator : SJ/JU
Sample : PB107075BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 06 17:42:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration



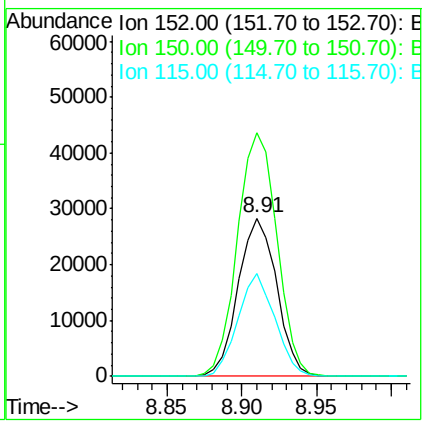


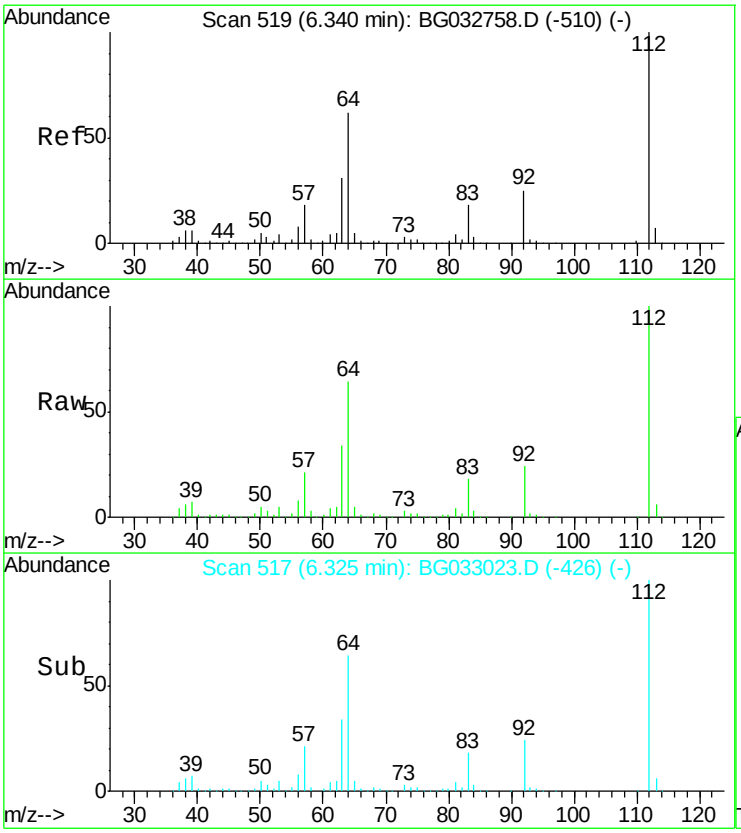
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50589

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.6	189.8
115	64.8	53.0	79.4

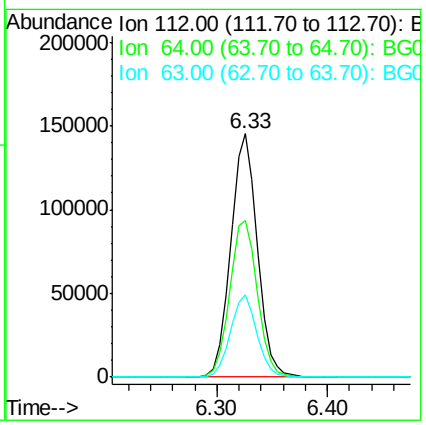


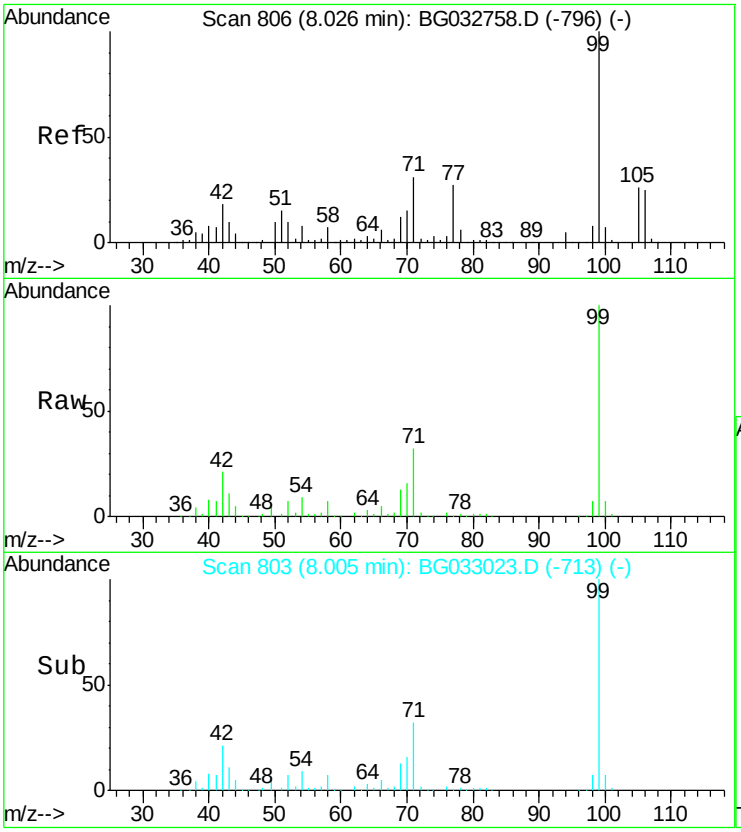


#5
2-Fluorophenol
Concen: 77.587 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:112 Resp: 245337

Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	34.0	30.1	45.1



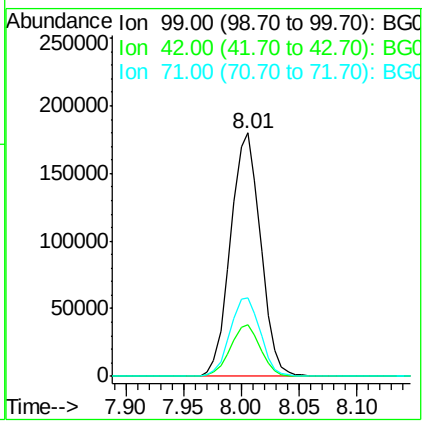


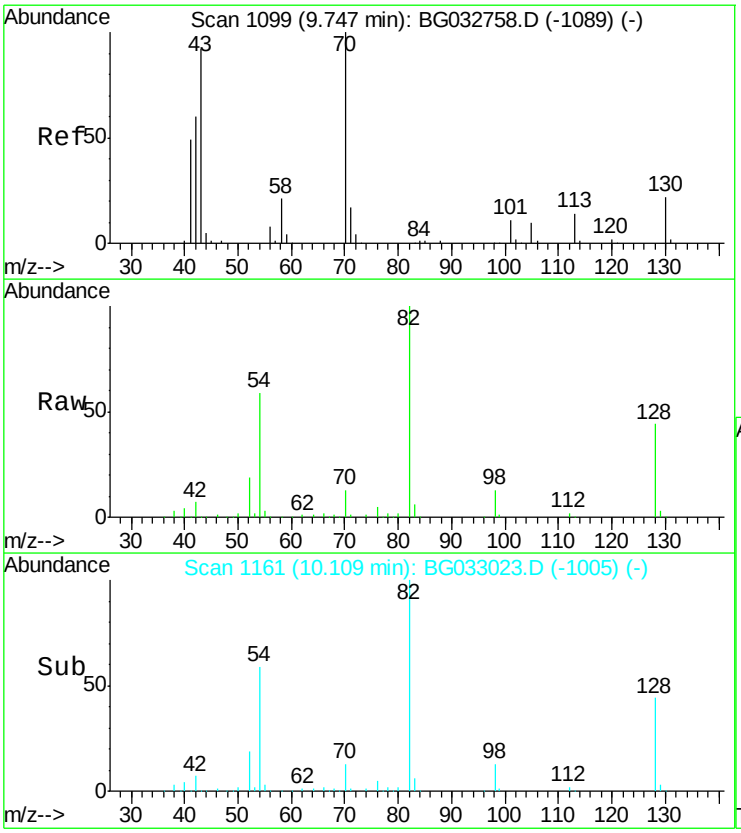
#7
Phenol-d6
Concen: 73.877 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 325616

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.1	21.1
71	32.3	26.1	39.1

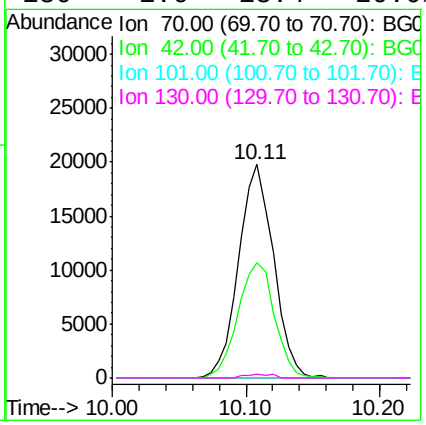


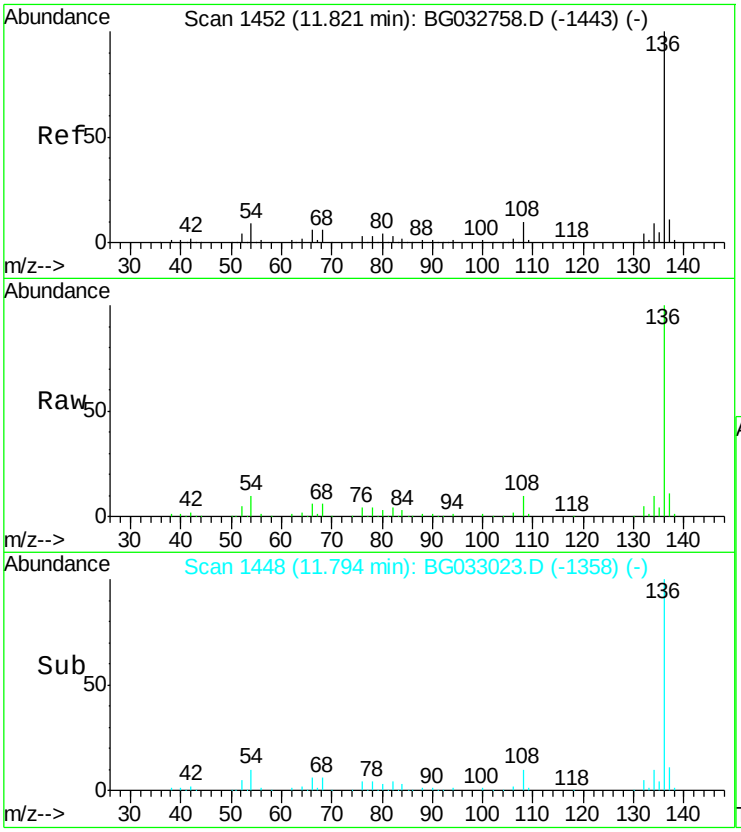


#19
n-Nitroso-di-n-propylamine
Concen: 11.467 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.38 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion: 70 Resp: 35680

Ion	Ratio	Lower	Upper
70	100		
42	54.0	49.1	73.7
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



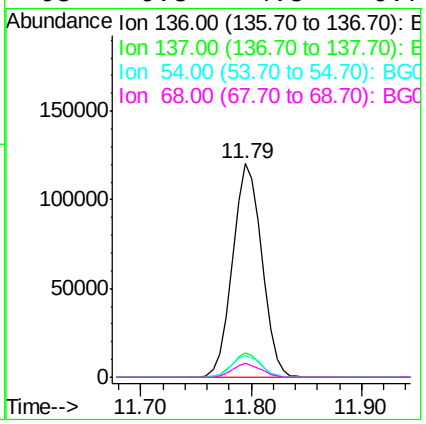


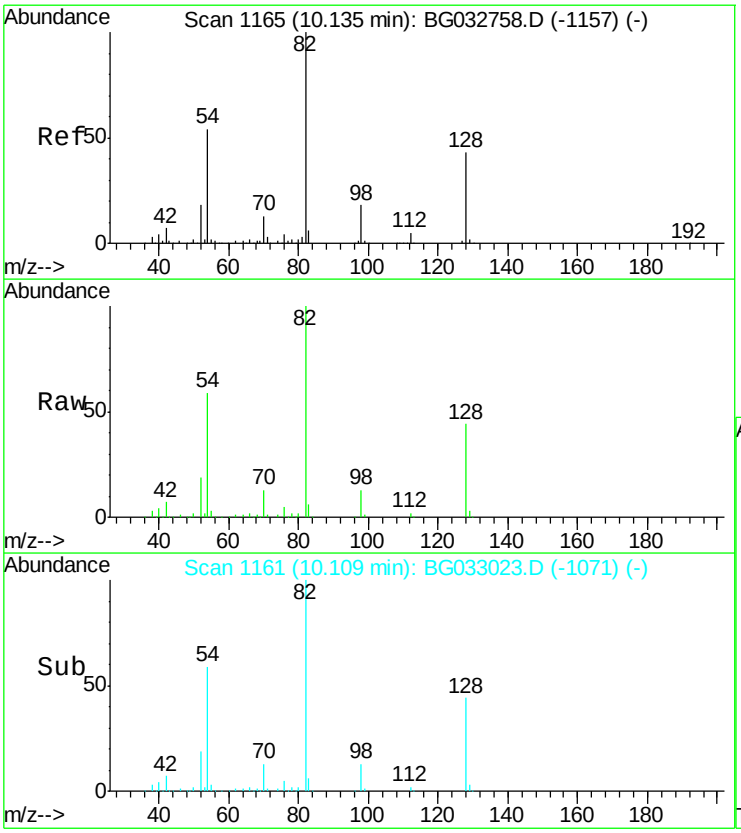
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 223979

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.5	10.3	15.5
68	6.3	4.5	6.7

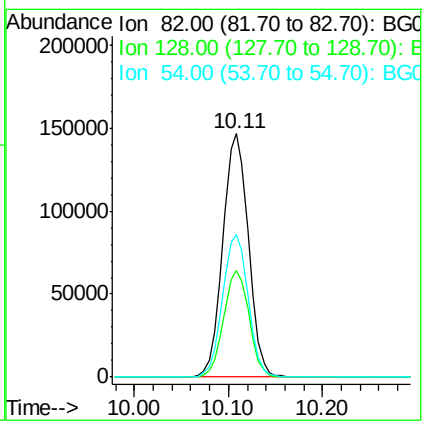


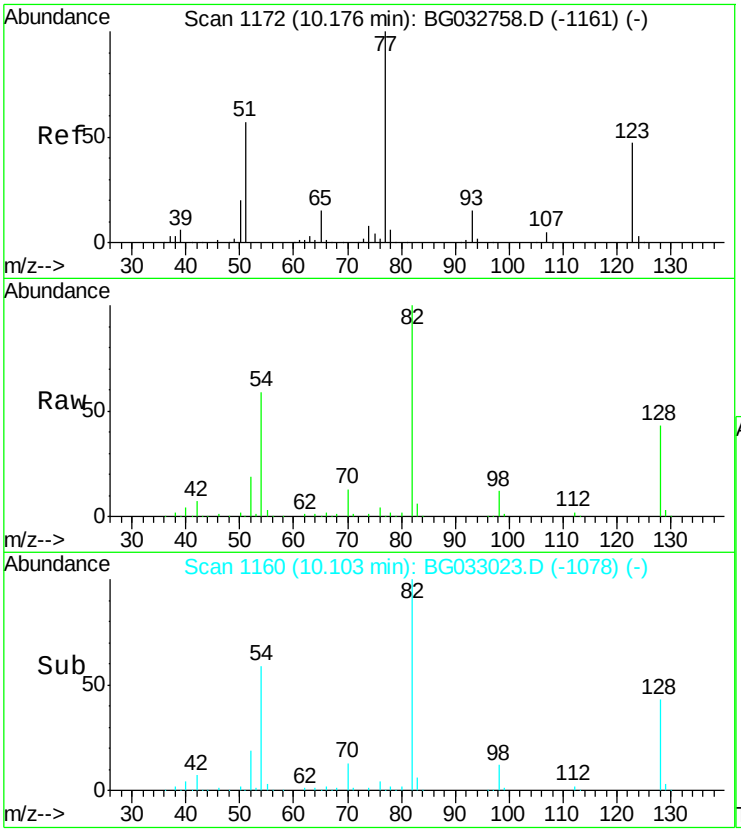


#23
Nitrobenzene-d5
Concen: 85.853 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion: 82 Resp: 277460

Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	58.8	43.1	64.7



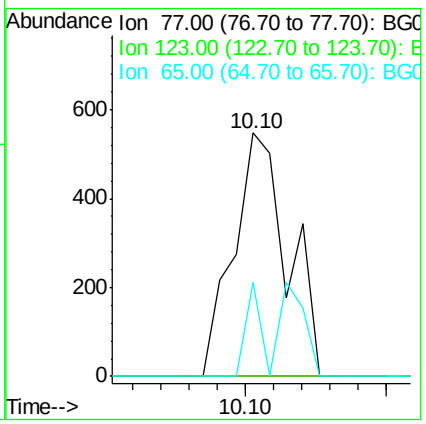


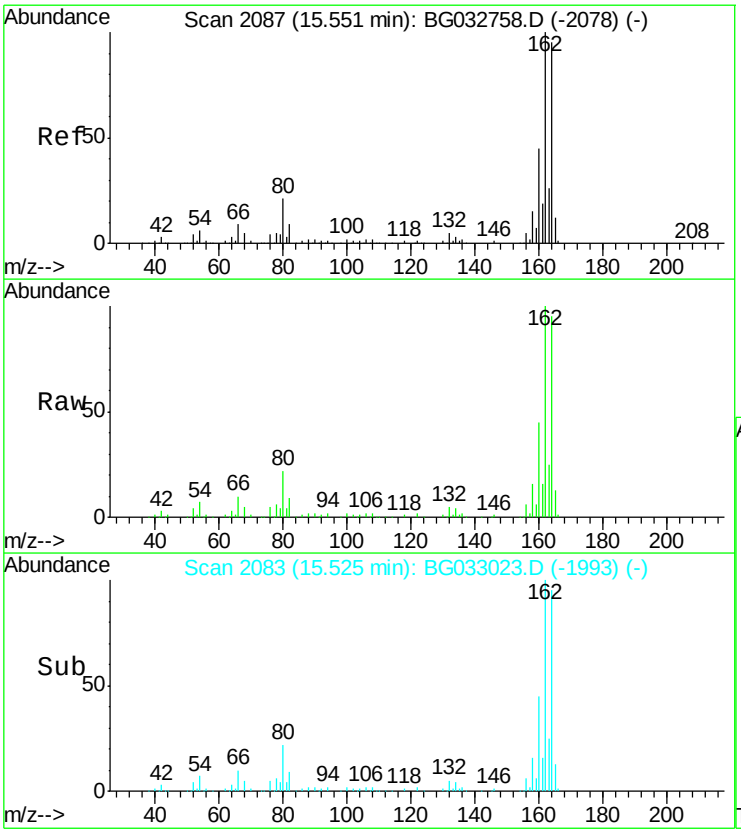
#24
Nitrobenzene
Concen: 6.557 ng
RT: 10.10 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 728

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	38.7	13.0	19.6#

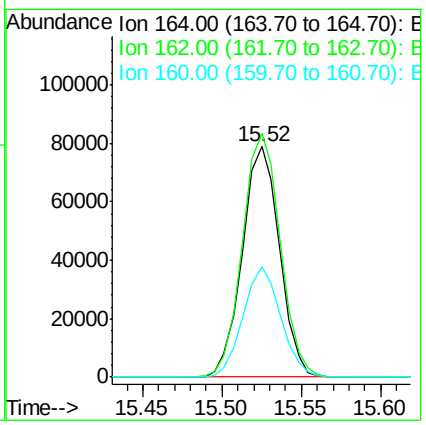


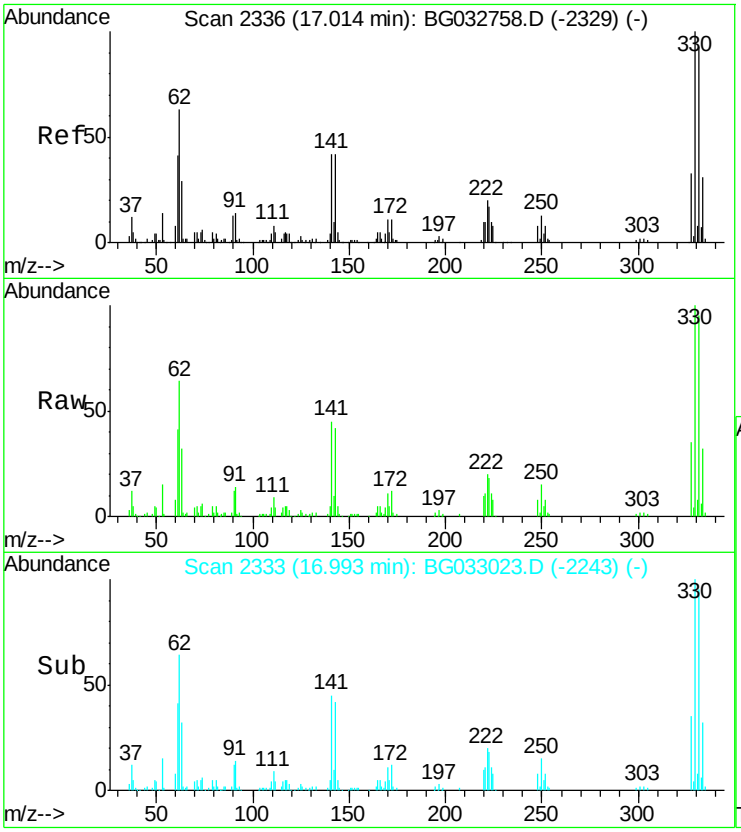


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:164 Resp: 128331

Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	47.9	35.4	53.0



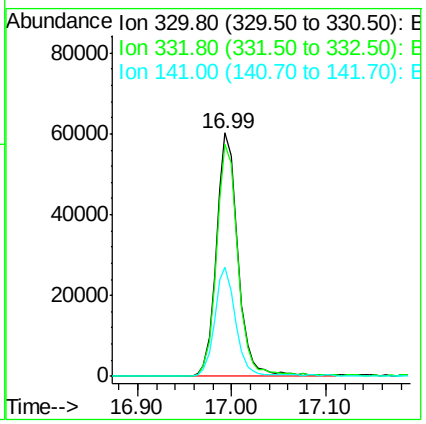


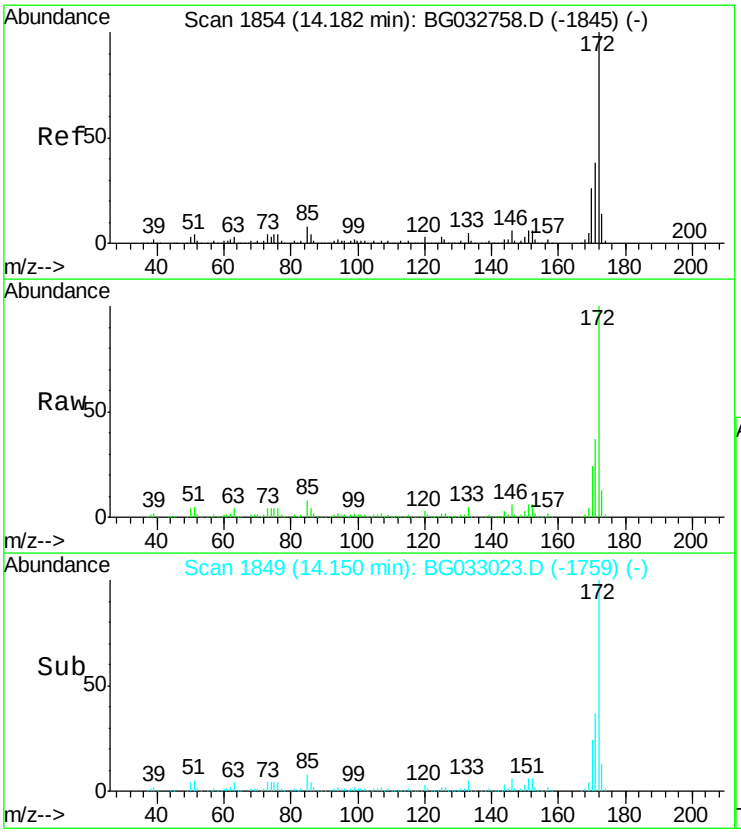
#41
2,4,6-Tribromophenol
Concen: 71.825 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 96917

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	43.1	25.2	37.8#

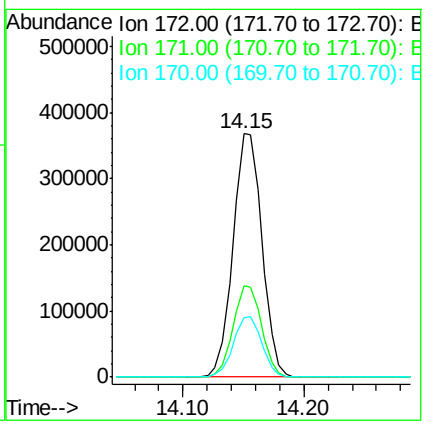


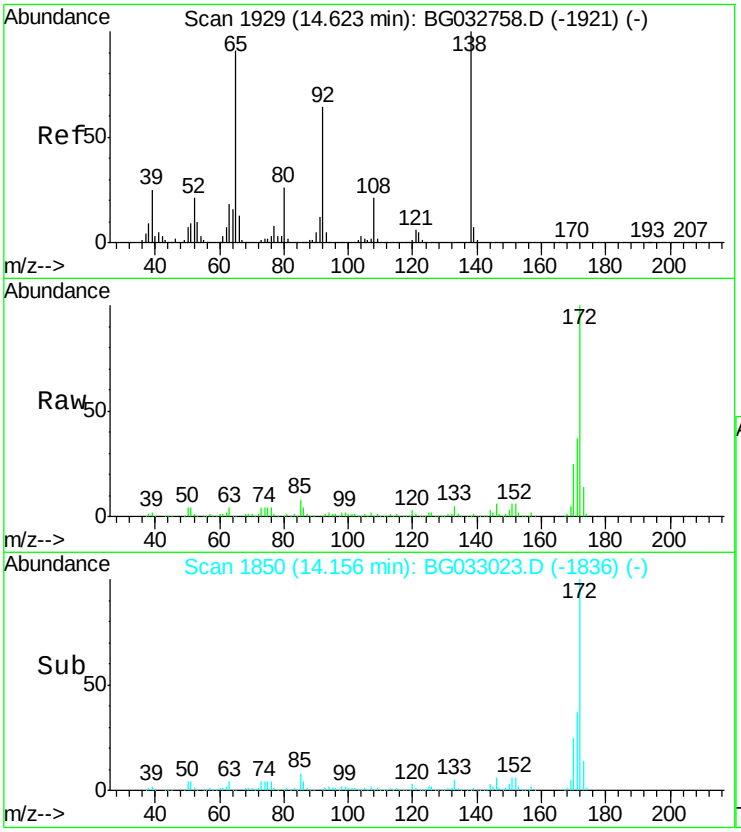


#44
2-Fluorobiphenyl
Concen: 69.169 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:172 Resp: 615464

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.5	19.5	29.3



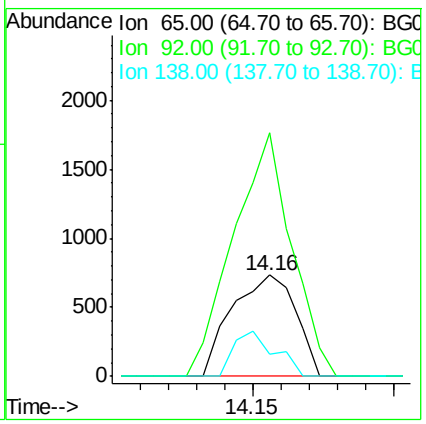


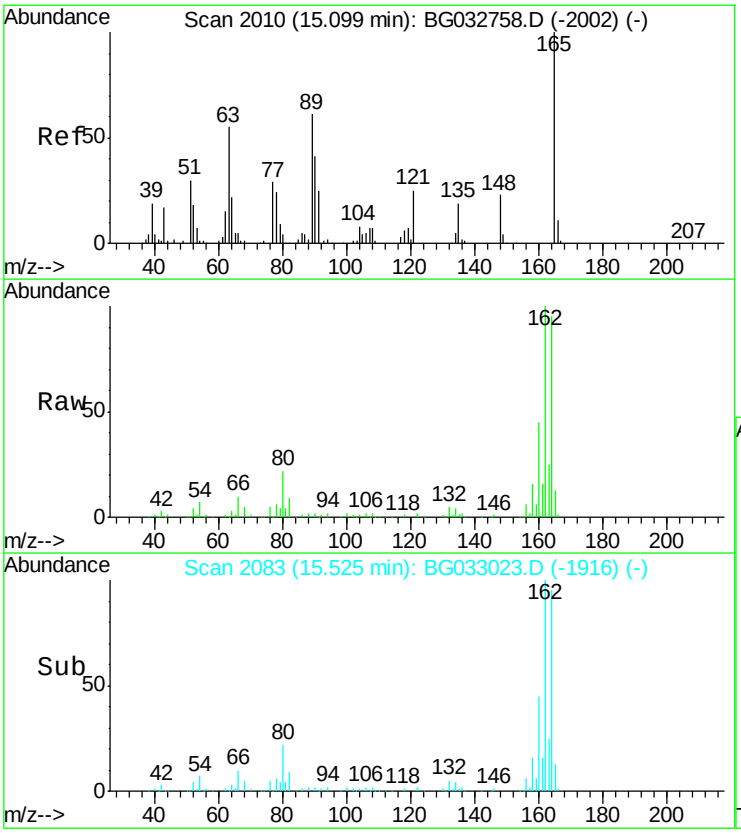
#47
2-Nitroaniline
Concen: 10.267 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1147

Ion	Ratio	Lower	Upper
65	100		
92	240.3	54.6	82.0#
138	21.9	72.9	109.3#

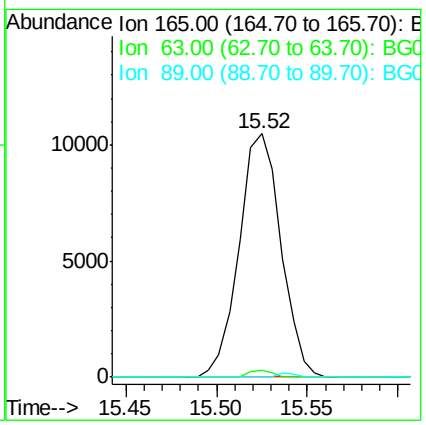


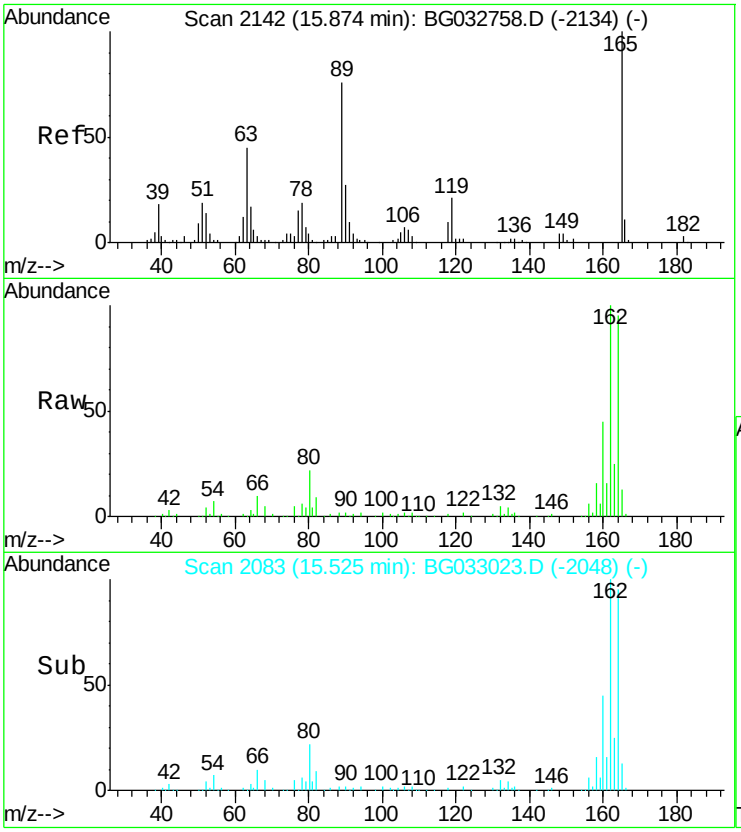


#50
2,6-Dinitrotoluene
Concen: 16.490 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.45 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:165 Resp: 16808

Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	0.0	49.2	73.8#



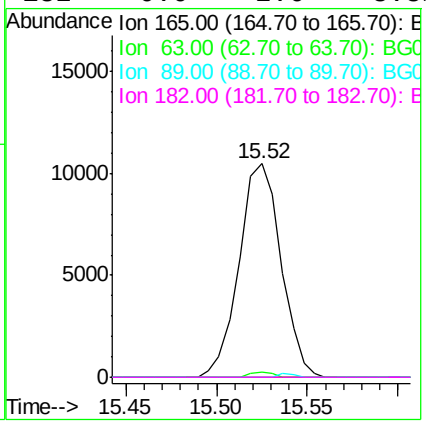


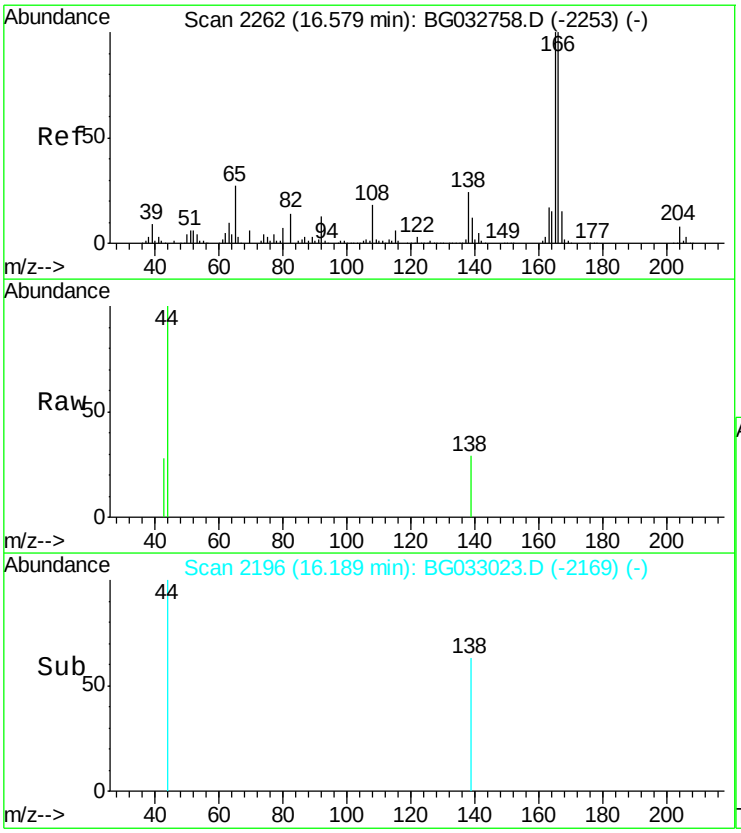
#56
2,4-Dinitrotoluene
Concen: 14.688 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16808

Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

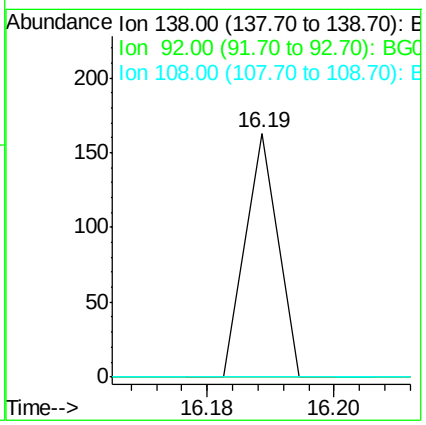


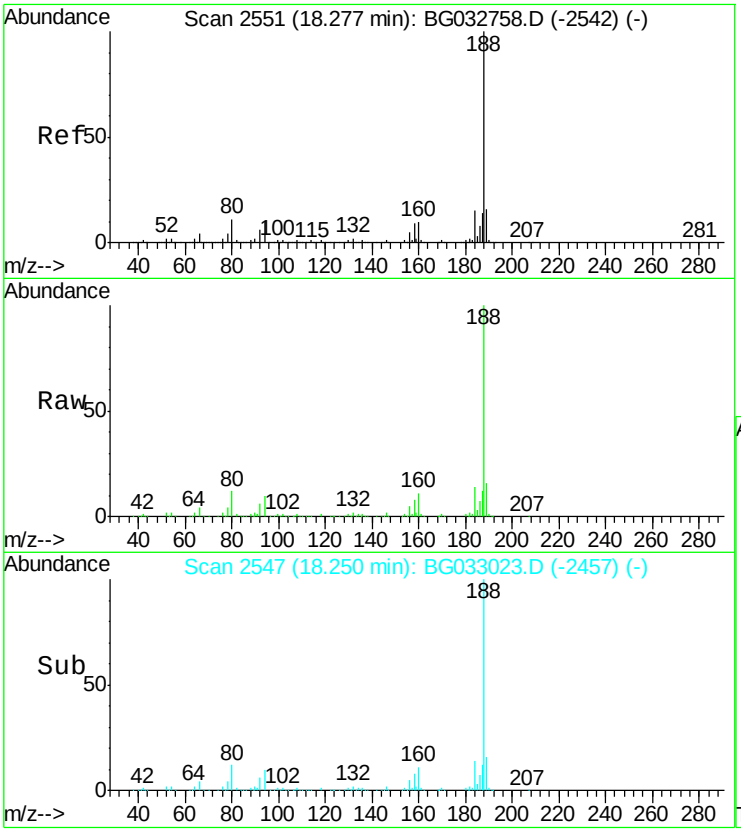


#61
4-Nitroaniline
Concen: 5.321 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.37 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:138 Resp: 57

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#



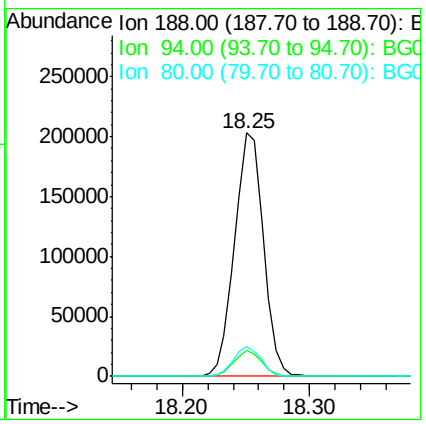


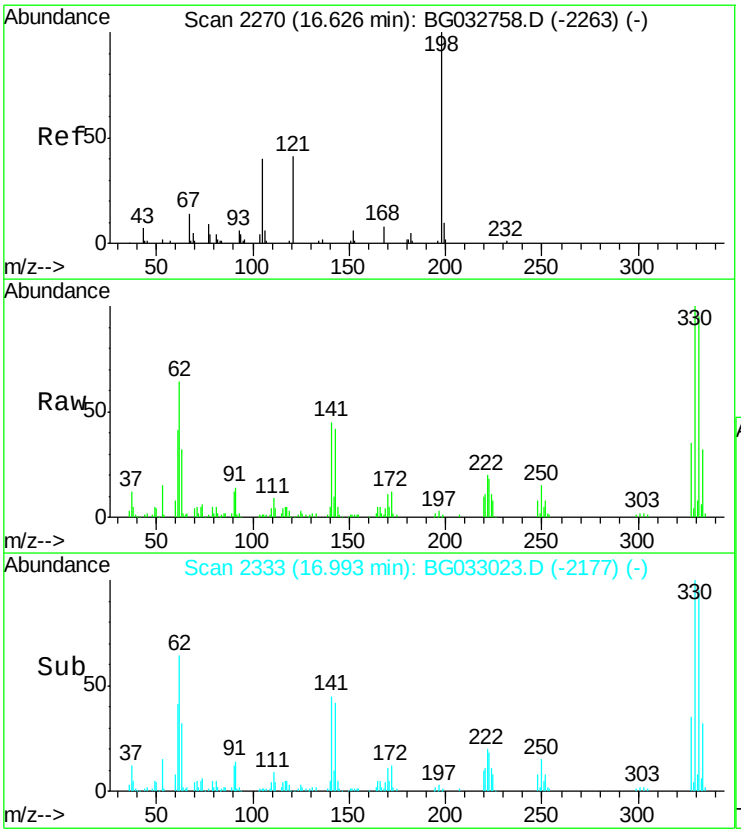
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 320148

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.9	10.3#
80	12.3	7.7	11.5#

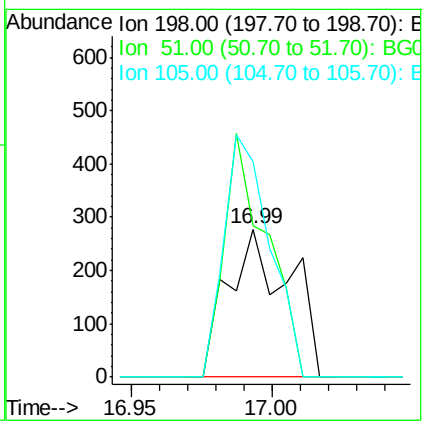


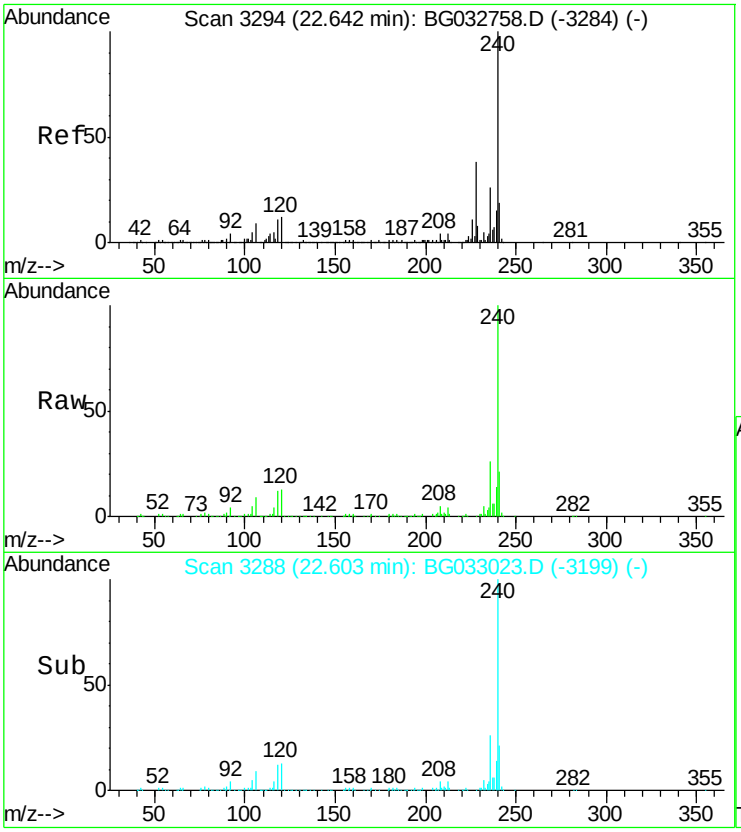


#64
4,6-Dinitro-2-methylphenol
Concen: 5.499 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:198 Resp: 414

Ion	Ratio	Lower	Upper
198	100		
51	102.5	30.6	70.6#
105	145.7	23.8	63.8#



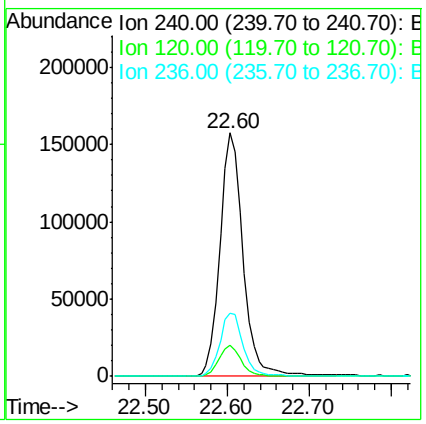


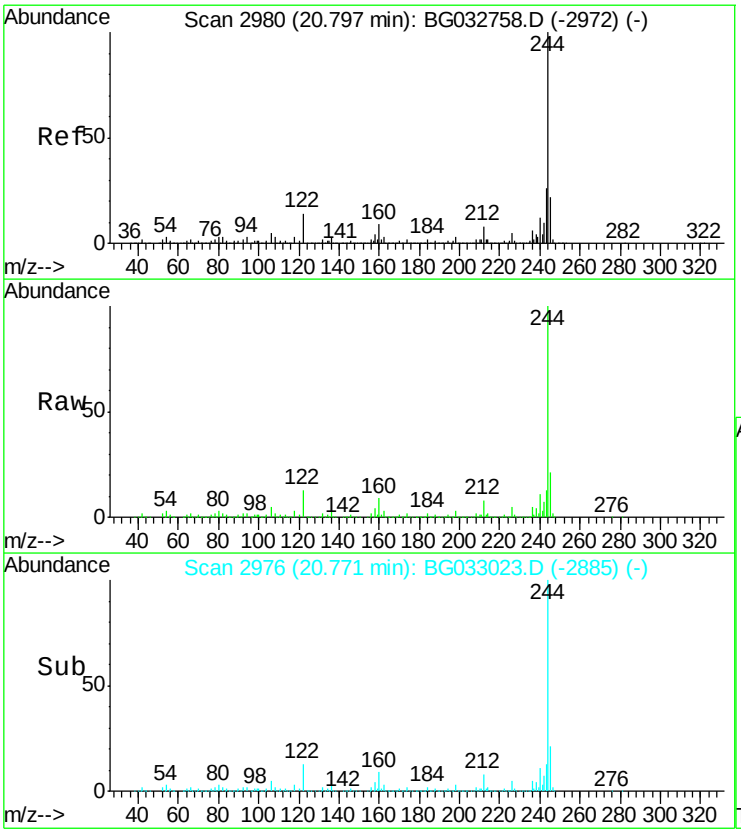
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 310885

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.8	10.2#
236	25.9	20.9	31.3

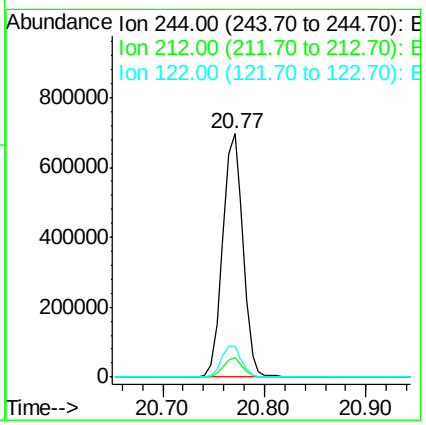


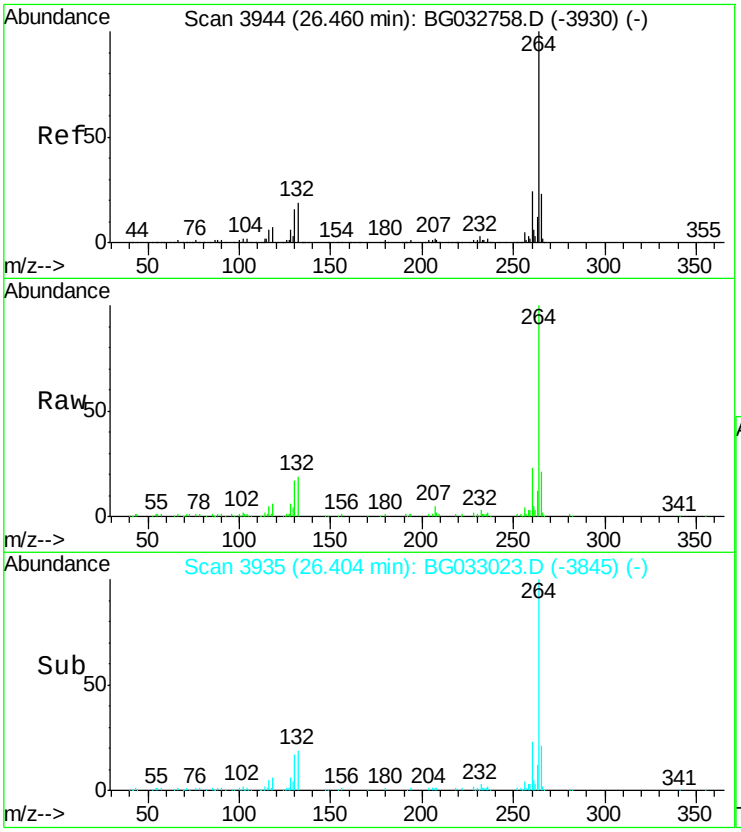


#78
Terphenyl-d14
Concen: 70.000 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:244 Resp: 968605

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	12.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 303139

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.5	17.7	26.5