Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033012.D
Acq On : 6 Mar 2018 6:31
Operator : SJ/JU
Sample : J1699-80
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 06 07:22:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	63347	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	279287	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	157061	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	355679	20.00	ng	0.00
75) Chrysene-d12	22.61	240	319842	20.00	ng	-0.01
86) Perylene-d12	26.41	264	303504	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	504383	127.38	ng	0.00
7) Phenol-d6	8.01	99	614451	111.33	ng	0.00
23) Nitrobenzene-d5	10.11	82	461903	111.30	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	215251	130.34	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	969018	88.98	ng	-0.01
78) Terphenyl-d14	20.77	244	1442784	101.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	60244	15.462	ng	# 84
24) Nitrobenzene	10.11	77	1516	6.675	ng	# 40
47) 2-Nitroaniline	14.16	65	1734	10.369	ng	# 15
50) 2,6-Dinitrotoluene	15.52	165	20544	16.480	ng	# 21
56) 2,4-Dinitrotoluene	15.52	165	20544	14.678	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.99	198	614	5.682	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	16176	4.301	ng	# 1
76) Benzidine	20.41	184	23124	2.121	ng	96

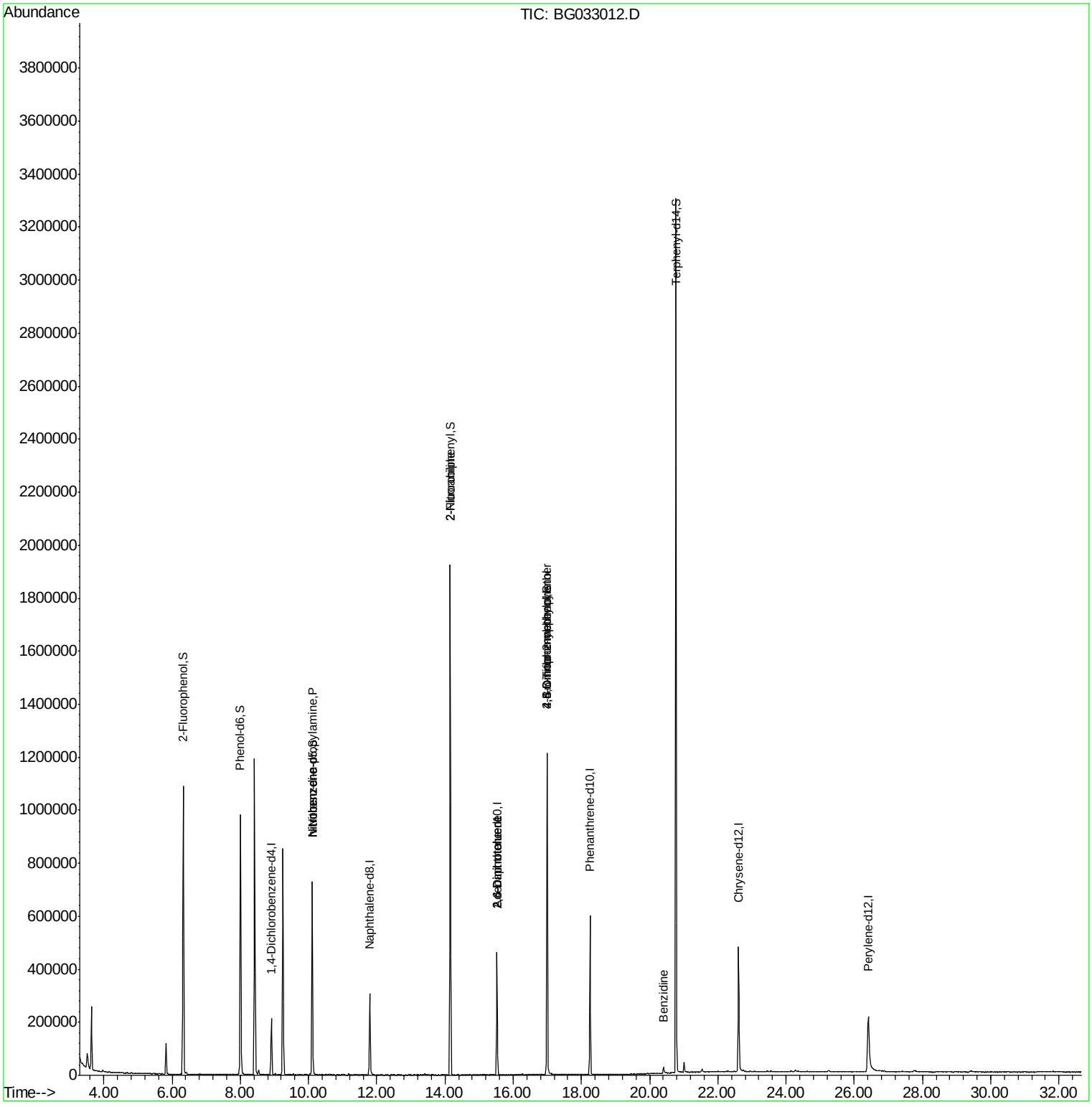
(#) = qualifier out of range (m) = manual integration (+) = signals summed

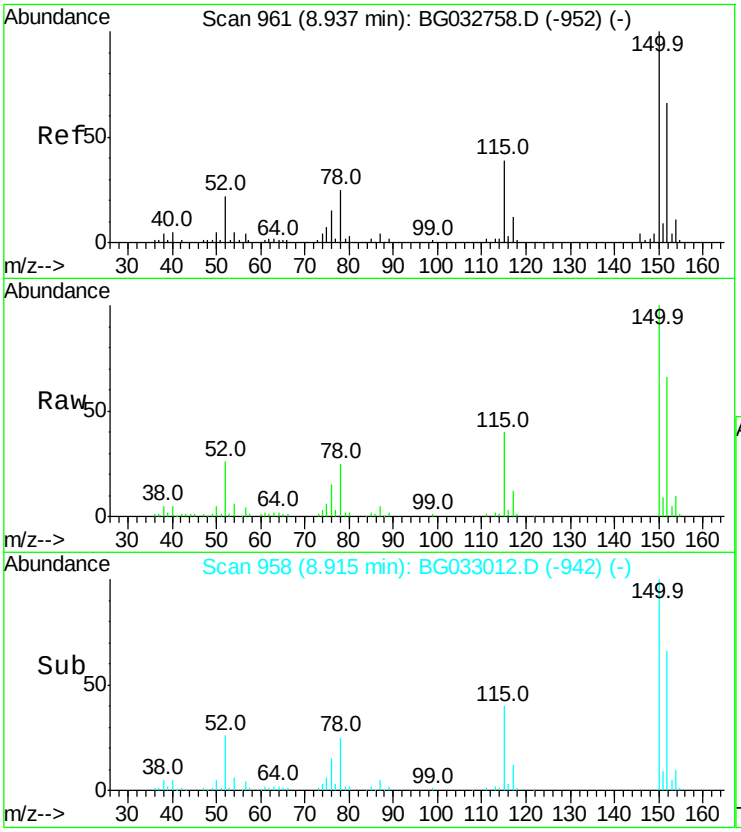
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033012.D
Acq On : 6 Mar 2018 6:31
Operator : SJ/JU
Sample : J1699-80
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 06 07:22:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



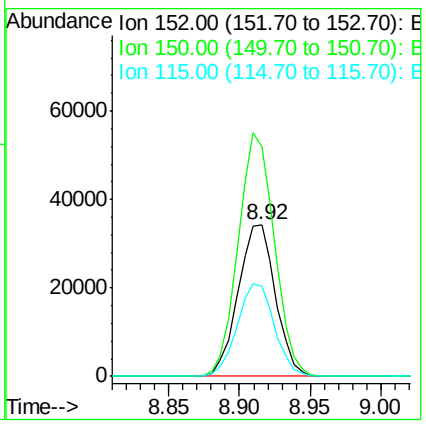


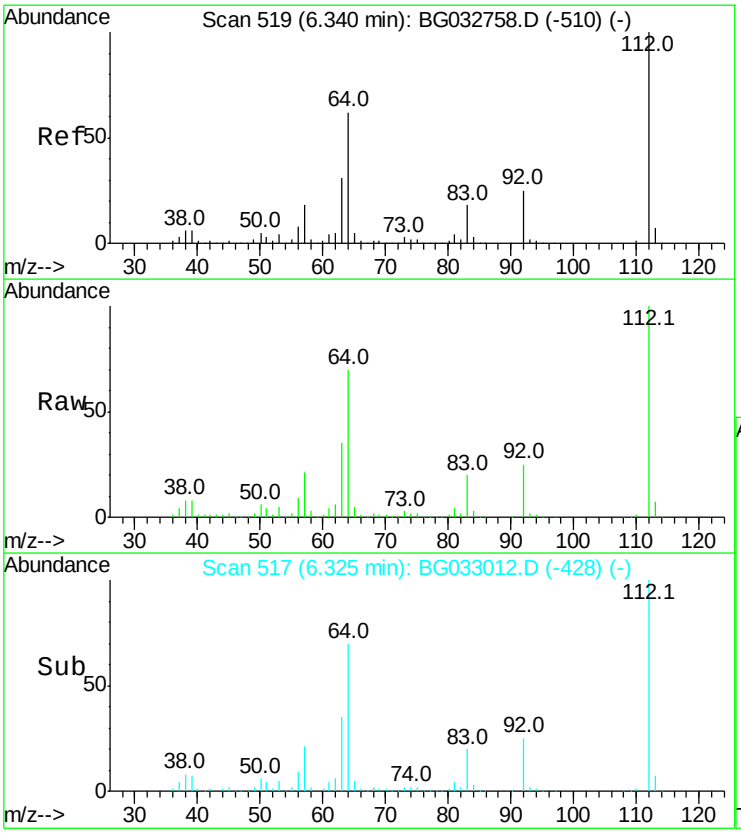
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 63347

Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	59.7	53.0	79.4

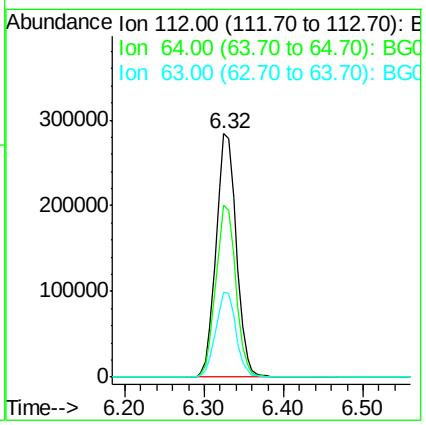


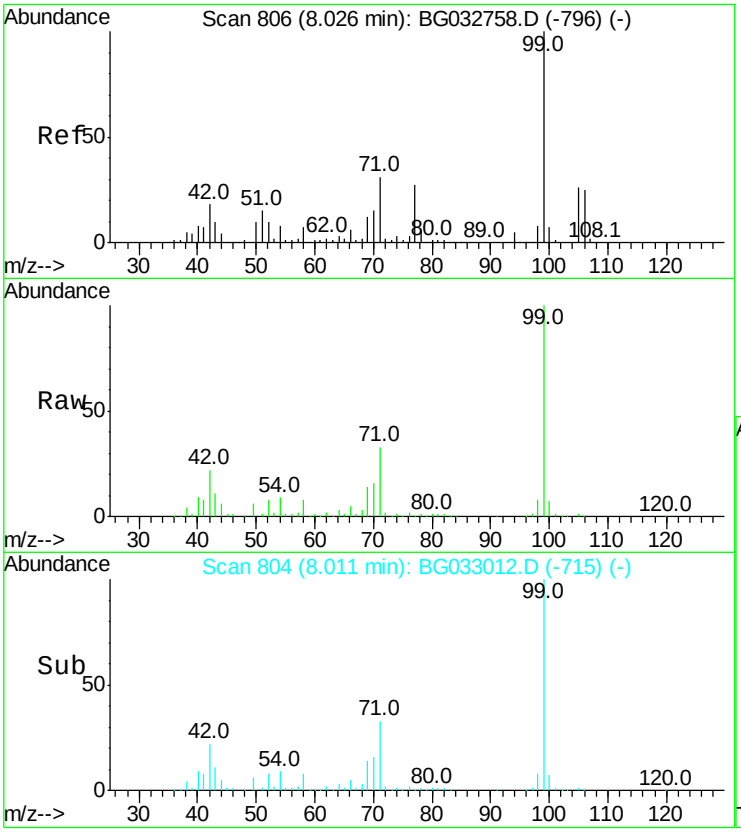


#5
2-Fluorophenol
Concen: 127.384 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:112 Resp: 504383

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.3	84.5
63	34.9	30.1	45.1



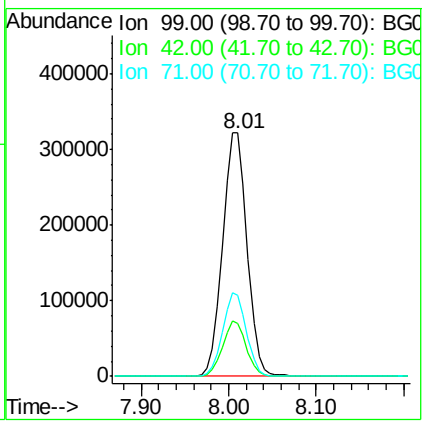


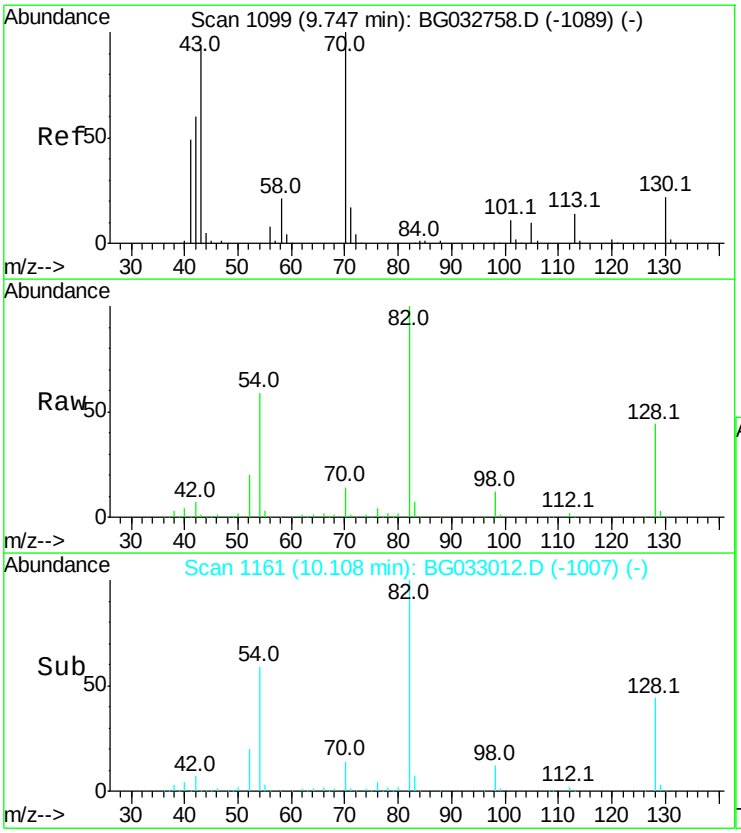
#7
Phenol-d6
Concen: 111.333 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 614451

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.1	21.1#
71	33.4	26.1	39.1

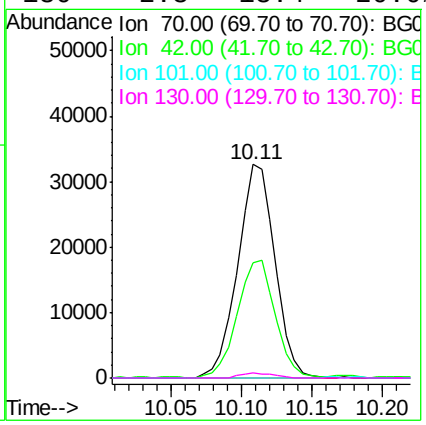


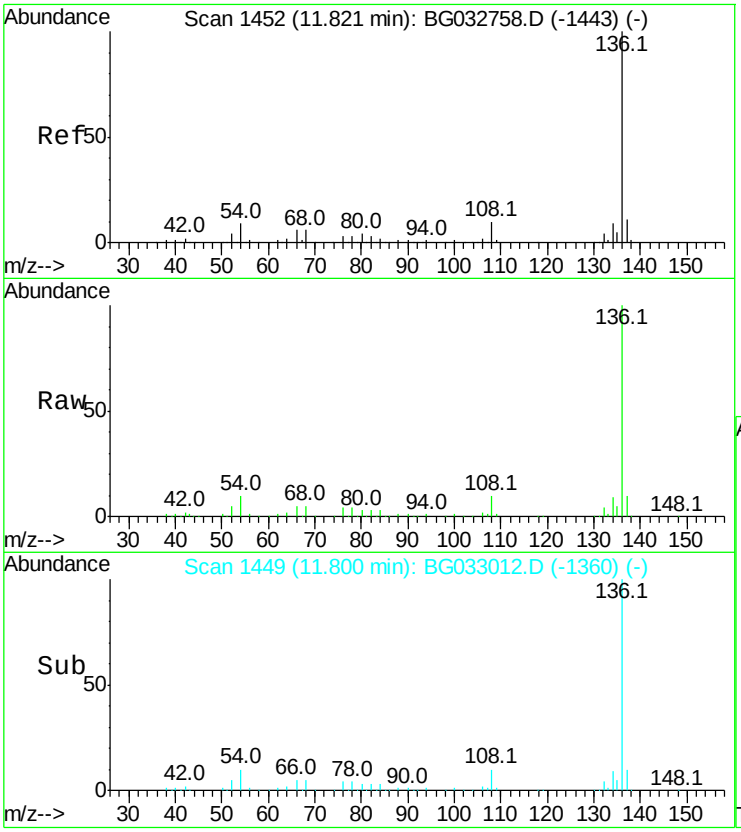


#19
n-Nitroso-di-n-propylamine
Concen: 15.462 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.38 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion: 70 Resp: 60244

Ion	Ratio	Lower	Upper
70	100		
42	54.2	49.1	73.7
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



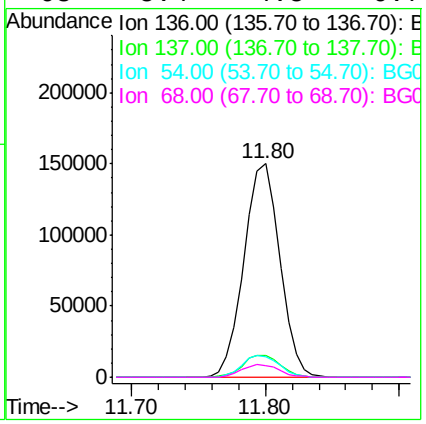


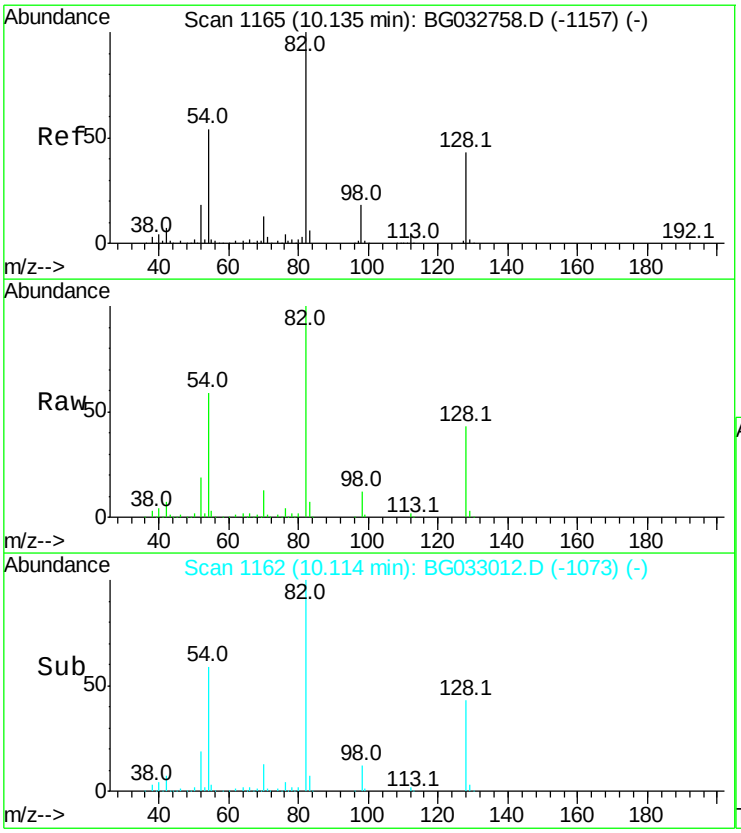
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 279287

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	9.7	10.3	15.5#
68	5.4	4.5	6.7

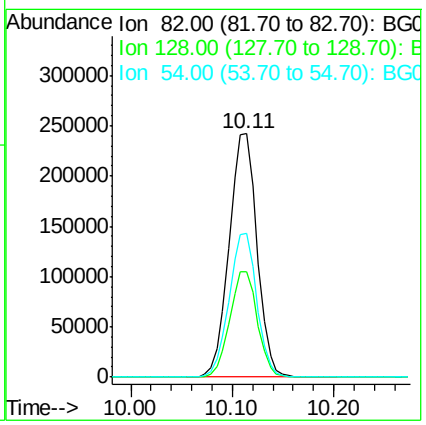


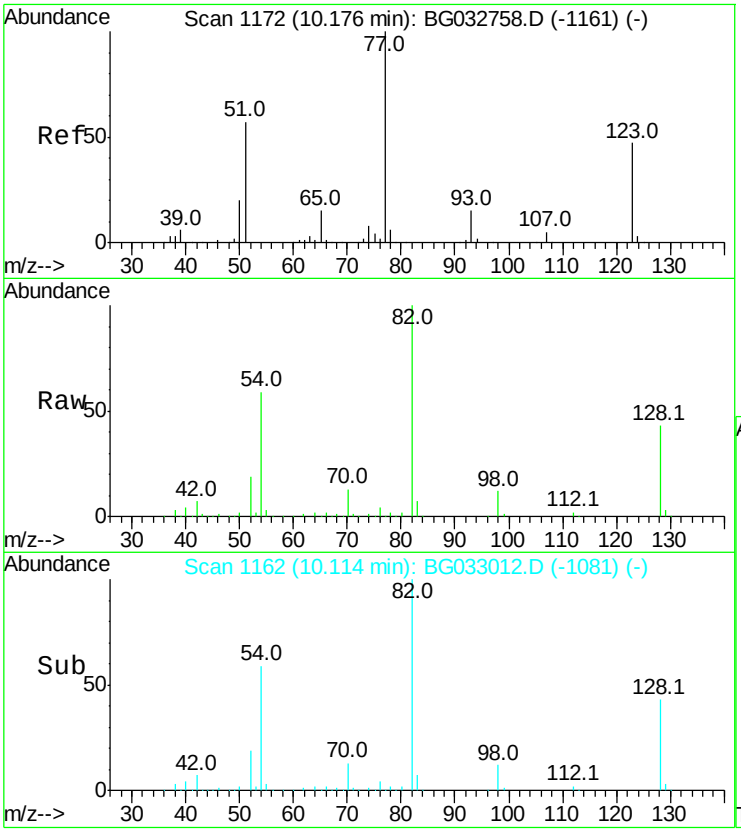


#23
Nitrobenzene-d5
Concen: 111.298 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion: 82 Resp: 461903

Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.7	44.5
54	59.1	43.1	64.7



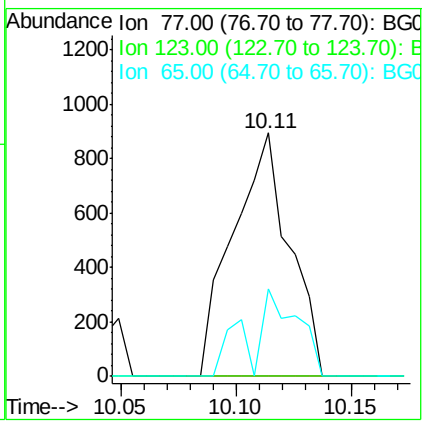


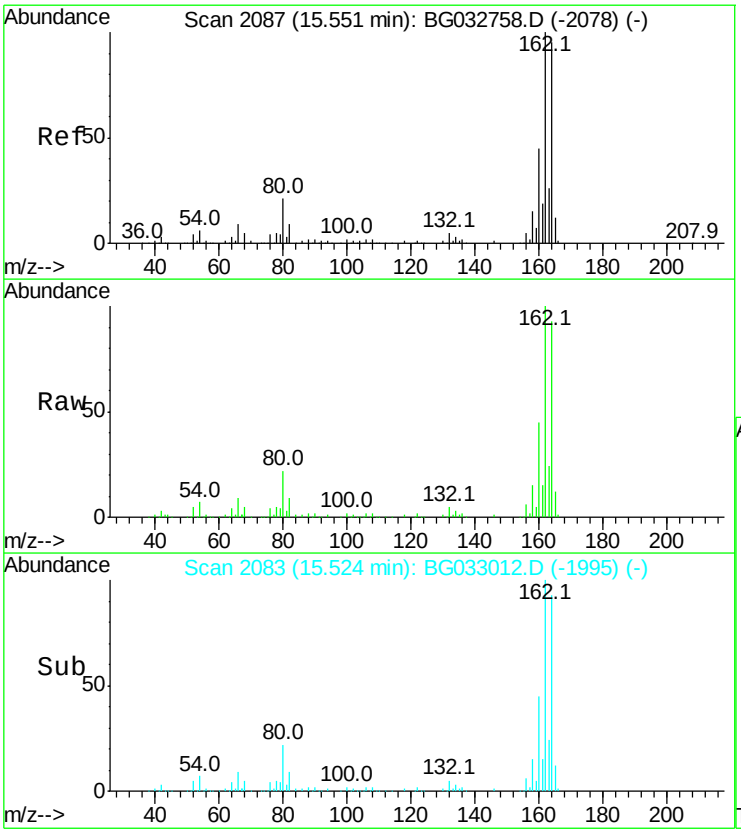
#24
Nitrobenzene
Concen: 6.675 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1516

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	35.8	13.0	19.6#

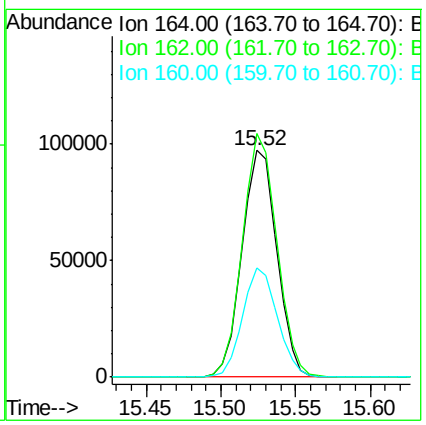


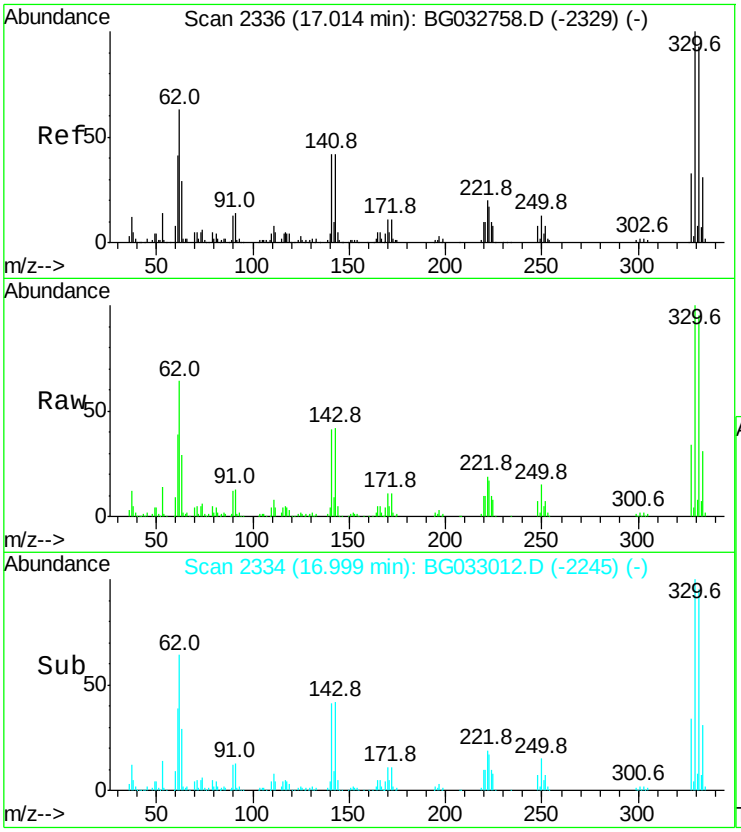


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:164 Resp: 157061

Ion	Ratio	Lower	Upper
164	100		
162	107.3	78.8	118.2
160	48.2	35.4	53.0



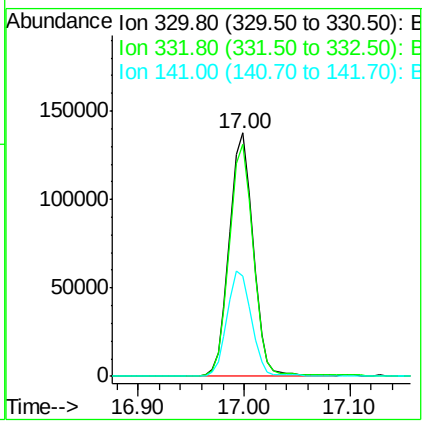


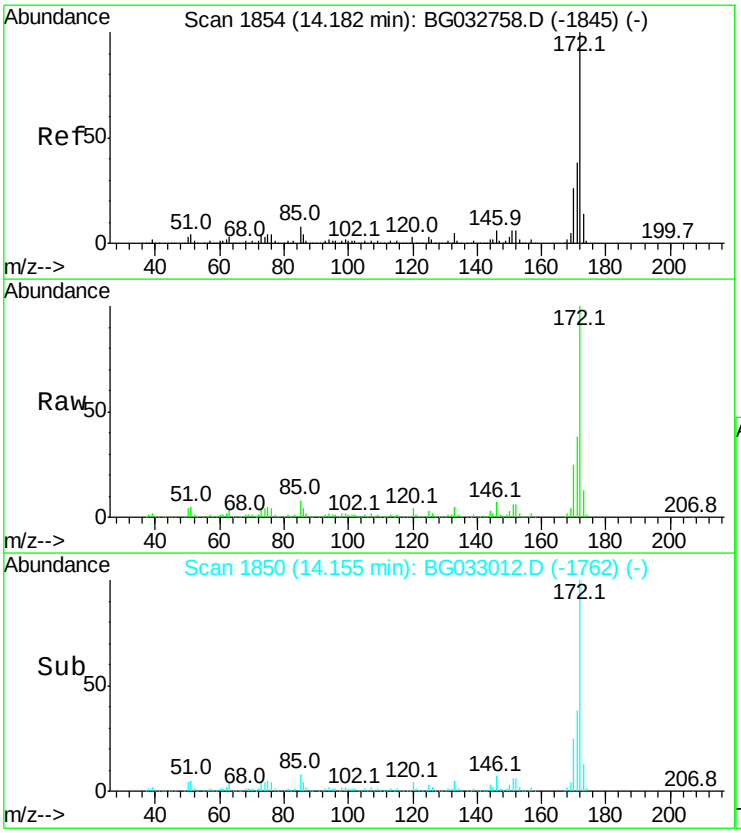
#41
2,4,6-Tribromophenol
Concen: 130.341 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 215251

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	44.3	25.2	37.8#

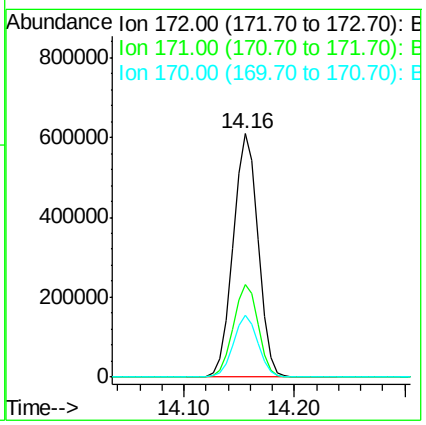


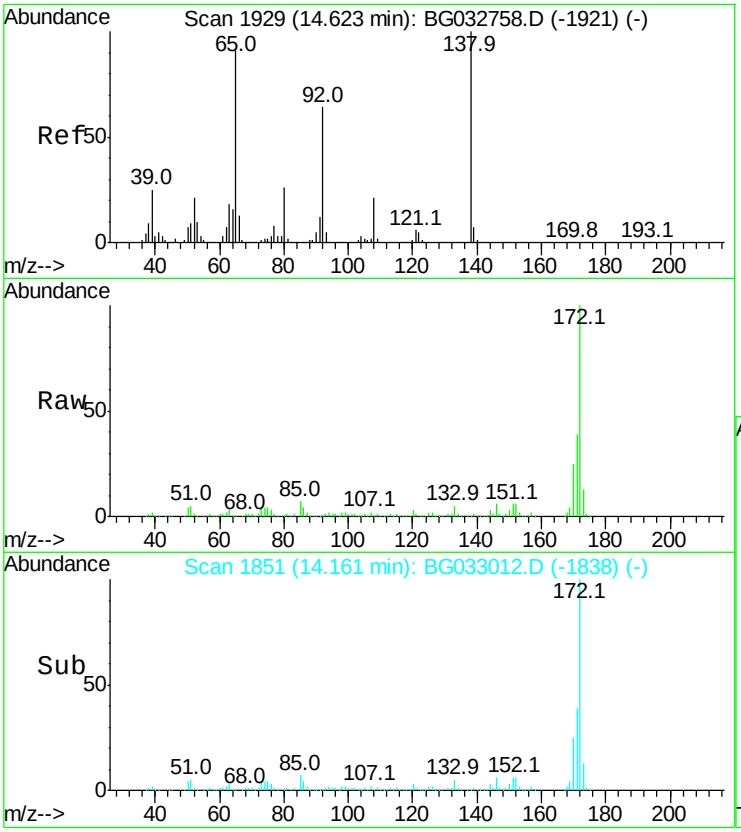


#44
2-Fluorobiphenyl
Concen: 88.983 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:172 Resp: 969018

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.2	19.5	29.3



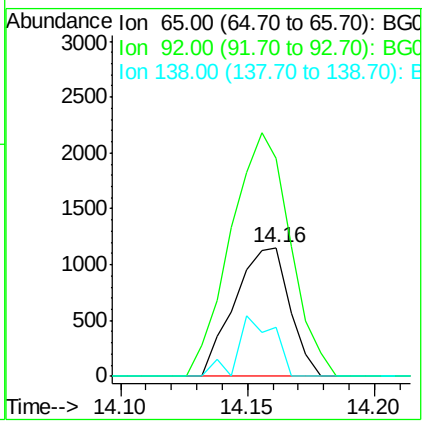


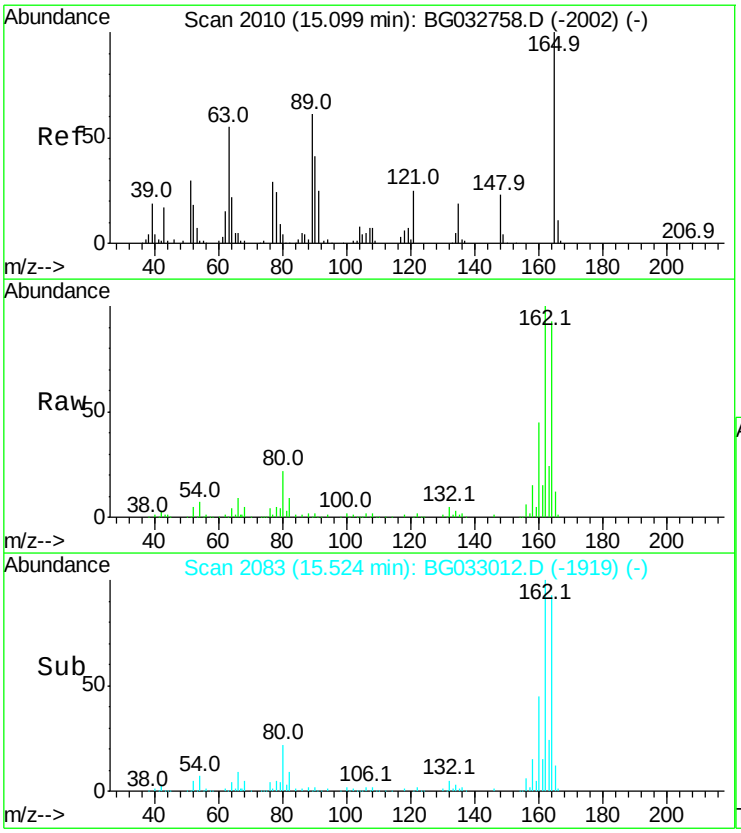
#47
2-Nitroaniline
Concen: 10.369 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.45 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1734

Ion	Ratio	Lower	Upper
65	100		
92	168.7	54.6	82.0#
138	38.1	72.9	109.3#

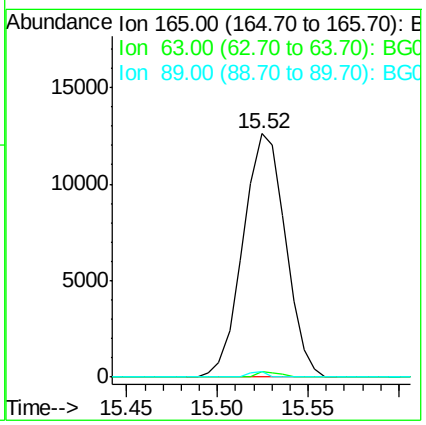


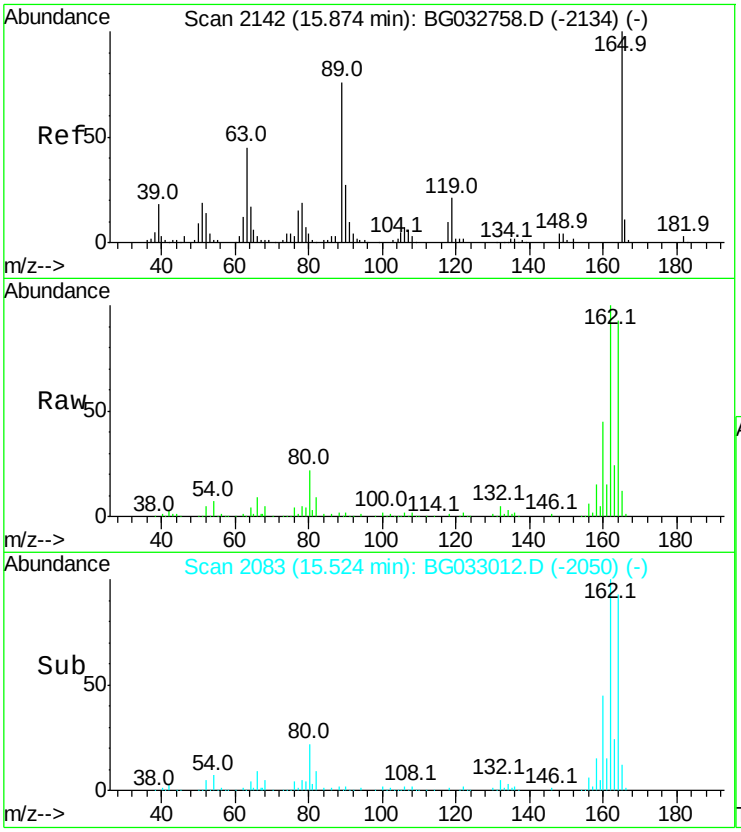


#50
2,6-Dinitrotoluene
Concen: 16.480 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:165 Resp: 20544

Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.7	79.1#
89	2.1	49.2	73.8#



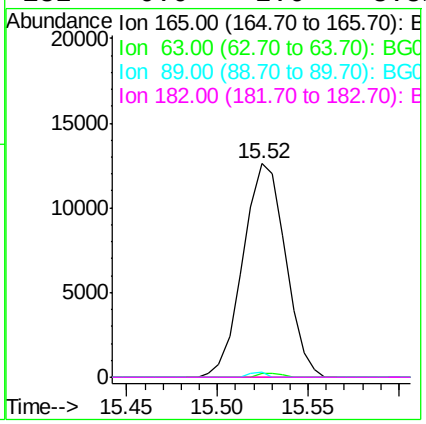


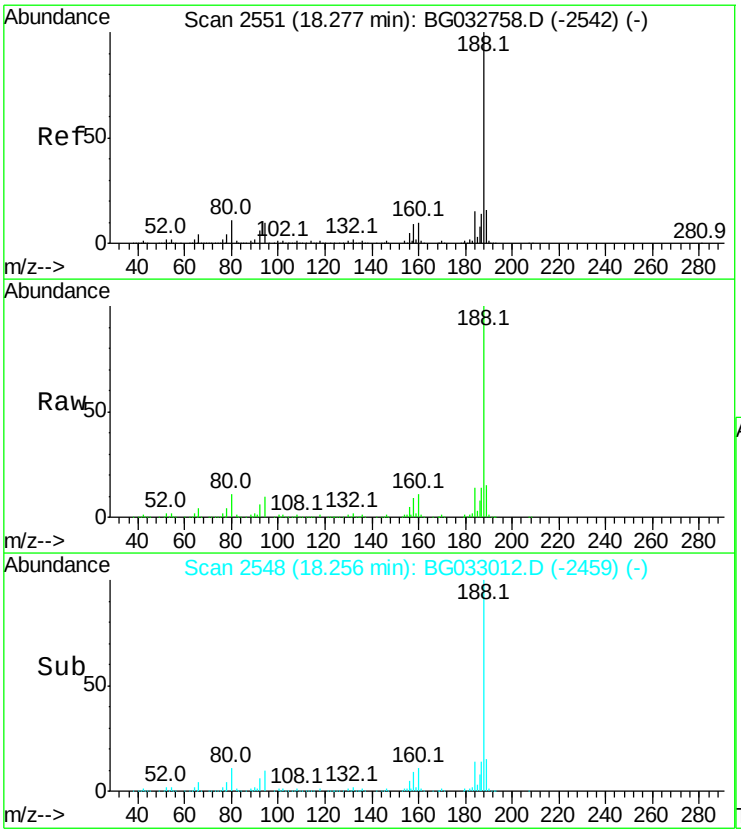
#56
2,4-Dinitrotoluene
Concen: 14.678 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20544

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#

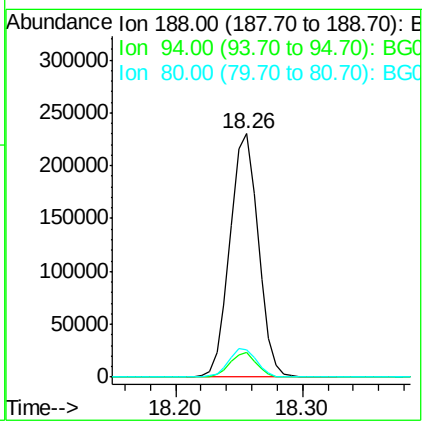


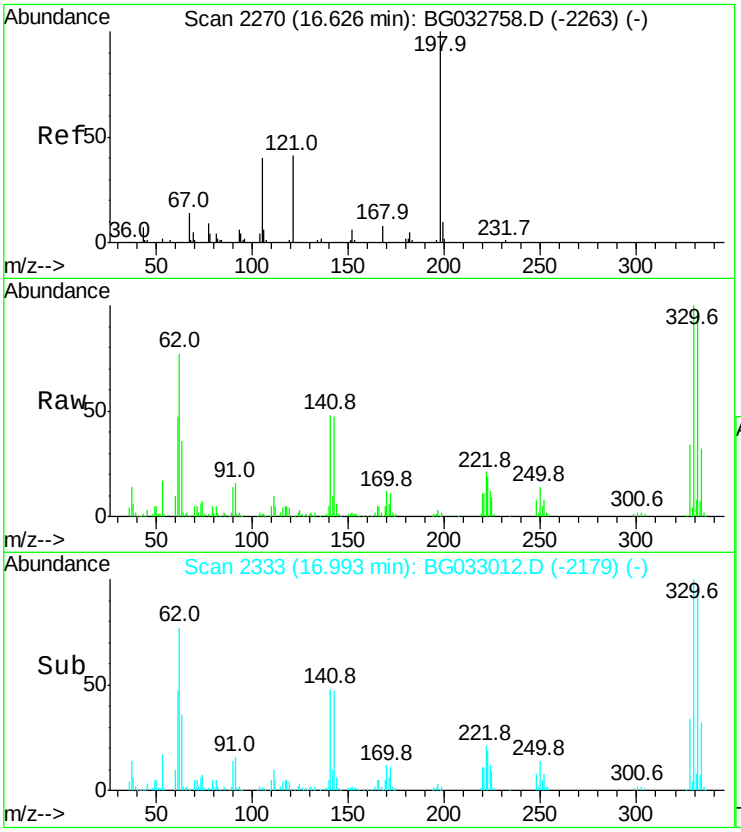


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:188 Resp: 355679

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.5	7.7	11.5



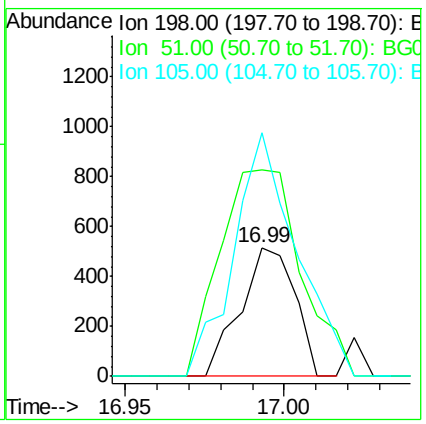


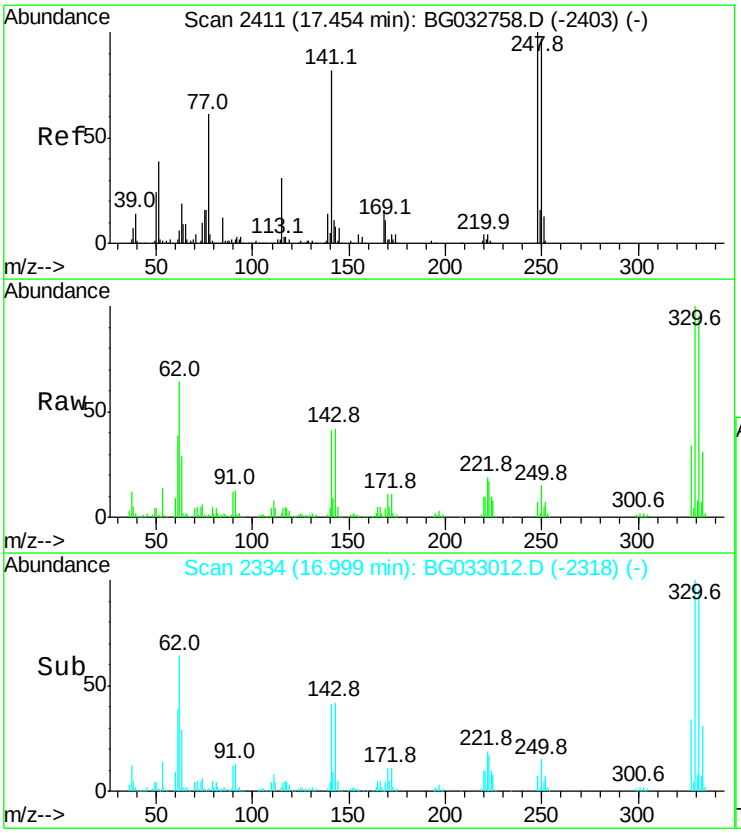
#64
4,6-Dinitro-2-methylphenol
Concen: 5.682 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 614

Ion	Ratio	Lower	Upper
198	100		
51	160.3	30.6	70.6#
105	188.8	23.8	63.8#

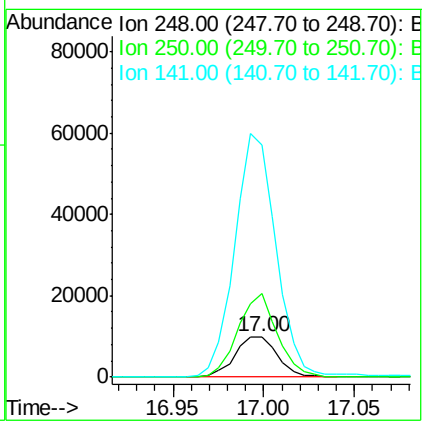


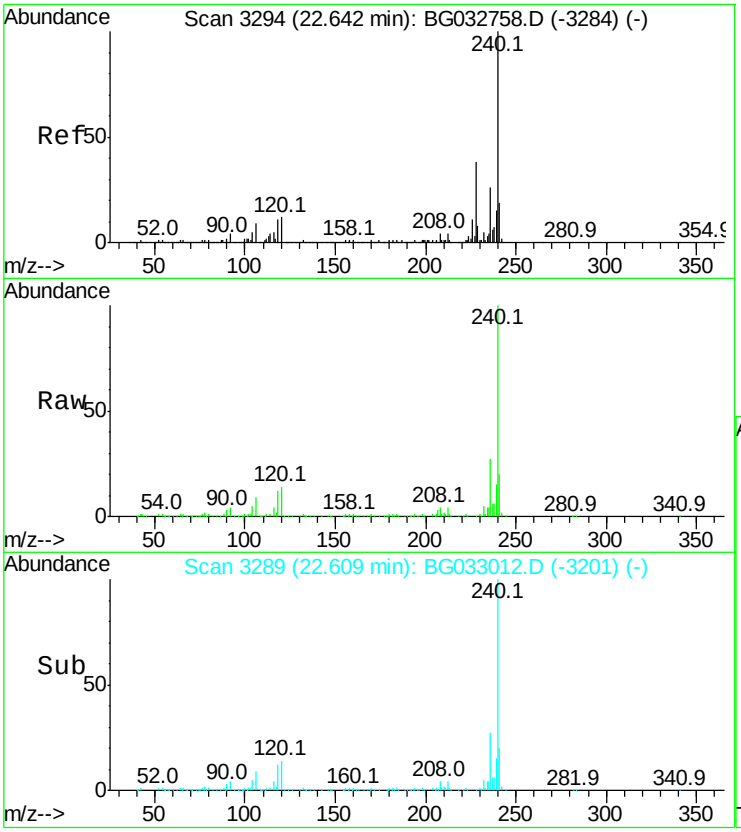


#66
4-Bromophenyl-phenylether
Concen: 4.301 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:248 Resp: 16176

Ion	Ratio	Lower	Upper
248	100		
250	206.2	77.1	115.7#
141	574.6	50.8	76.2#



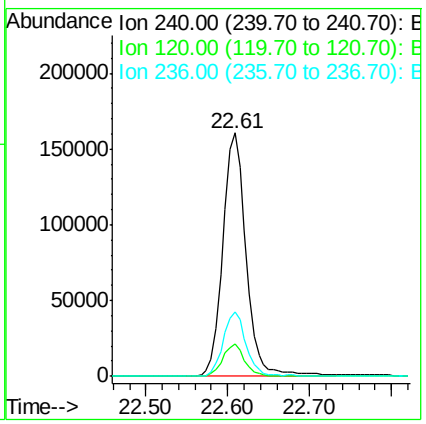


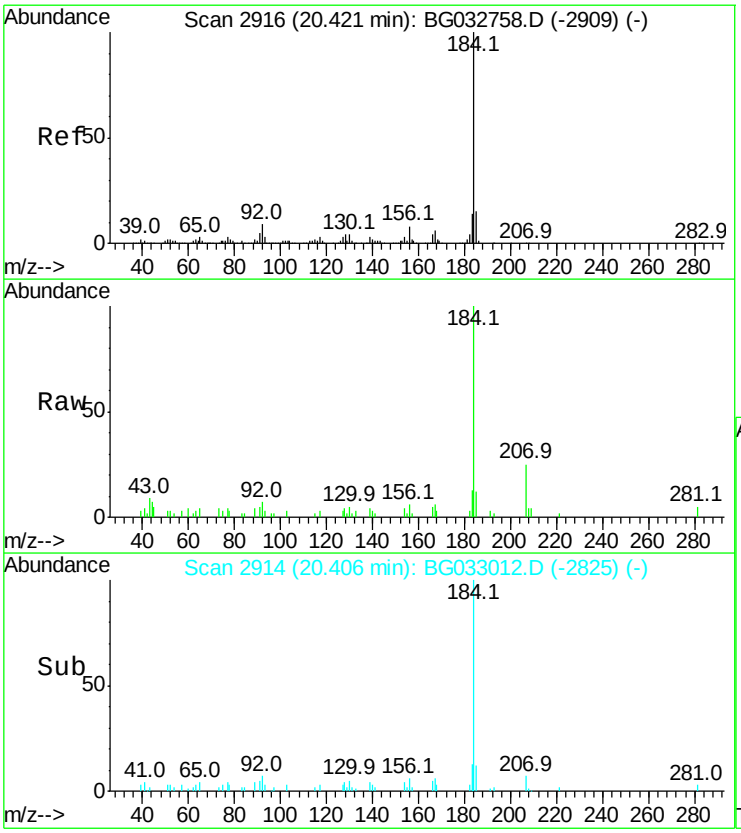
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 319842

Ion	Ratio	Lower	Upper
240	100		
120	13.6	6.8	10.2#
236	26.5	20.9	31.3

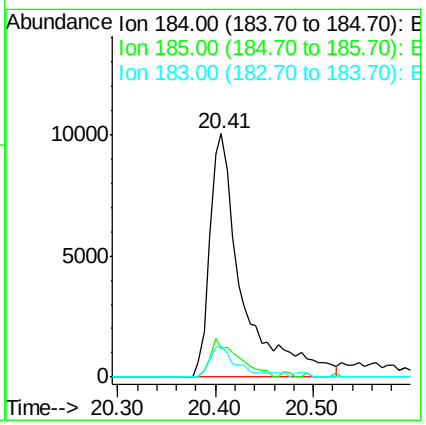


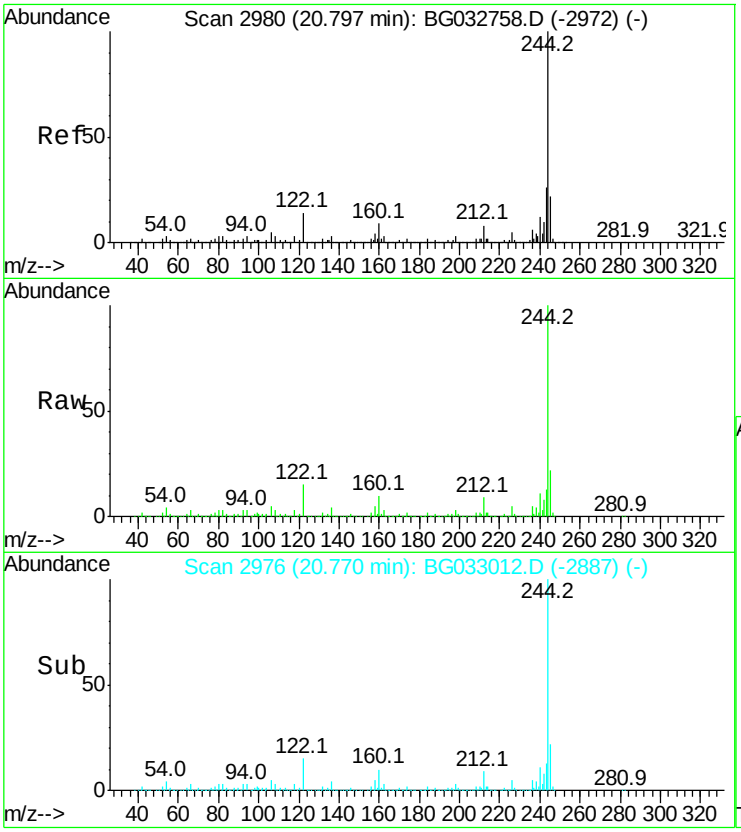


#76
Benzidine
Concen: 2.121 ng
RT: 20.41 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:184 Resp: 23124

Ion	Ratio	Lower	Upper
184	100		
185	11.6	11.1	16.7
183	12.6	10.6	16.0



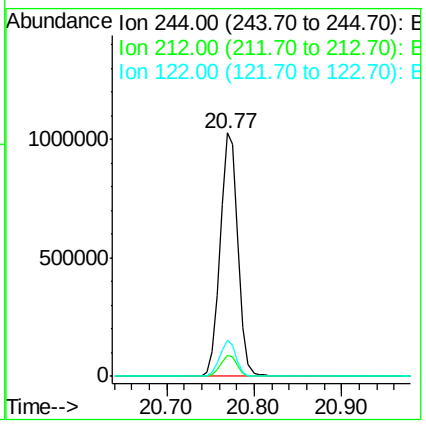


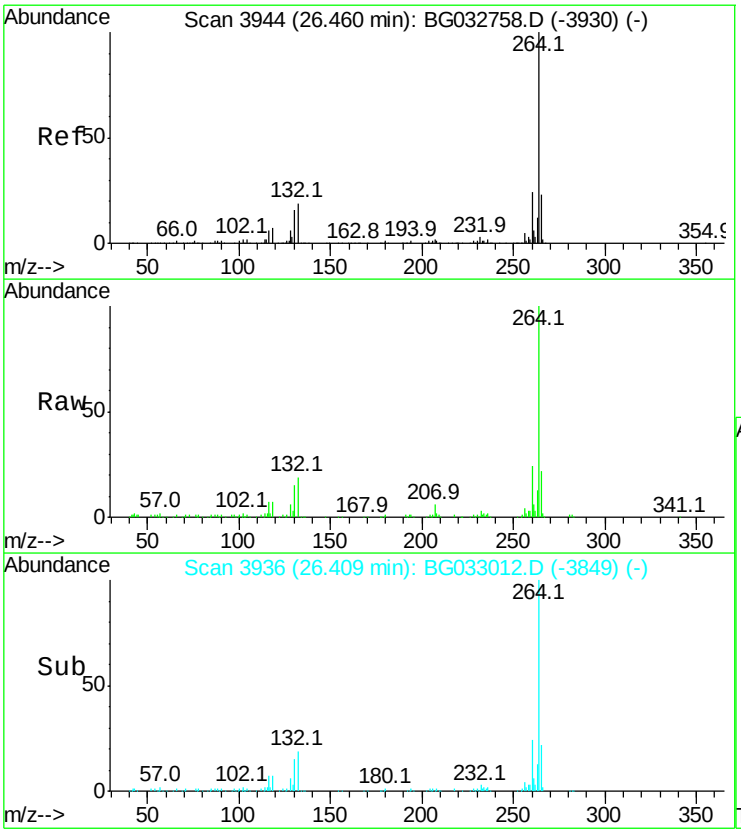
#78
Terphenyl-d14
Concen: 101.348 ng
RT: 20.77 min Scan# 2976
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1442784

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	14.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. -0.02 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:264 Resp: 303504

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5