Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033093.D
Acq On : 12 Mar 2018 17:25
Operator : SJ/JU
Sample : J1869-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 12 17:59:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	42583	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	191706	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	113034	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	262601	20.00	ng	0.00
75) Chrysene-d12	22.60	240	249514	20.00	ng	0.00
86) Perylene-d12	26.40	264	248607	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	124359	46.72	ng	0.00
7) Phenol-d6	8.00	99	106842	28.80	ng	0.00
23) Nitrobenzene-d5	10.11	82	364513	126.47	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	143126	120.42	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	781150	99.67	ng	0.00
78) Terphenyl-d14	20.76	244	1165916	104.98	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	48826	18.642	ng	# 82
24) Nitrobenzene	10.10	77	1101	6.693	ng	# 45
47) 2-Nitroaniline	14.15	65	1418	10.442	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	14534	16.351	ng	# 18
56) 2,4-Dinitrotoluene	15.52	165	14534	14.549	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.99	198	155	5.199	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	9865	3.553	ng	# 1
76) Benzidine	20.76	184	19451	2.287	ng	# 90

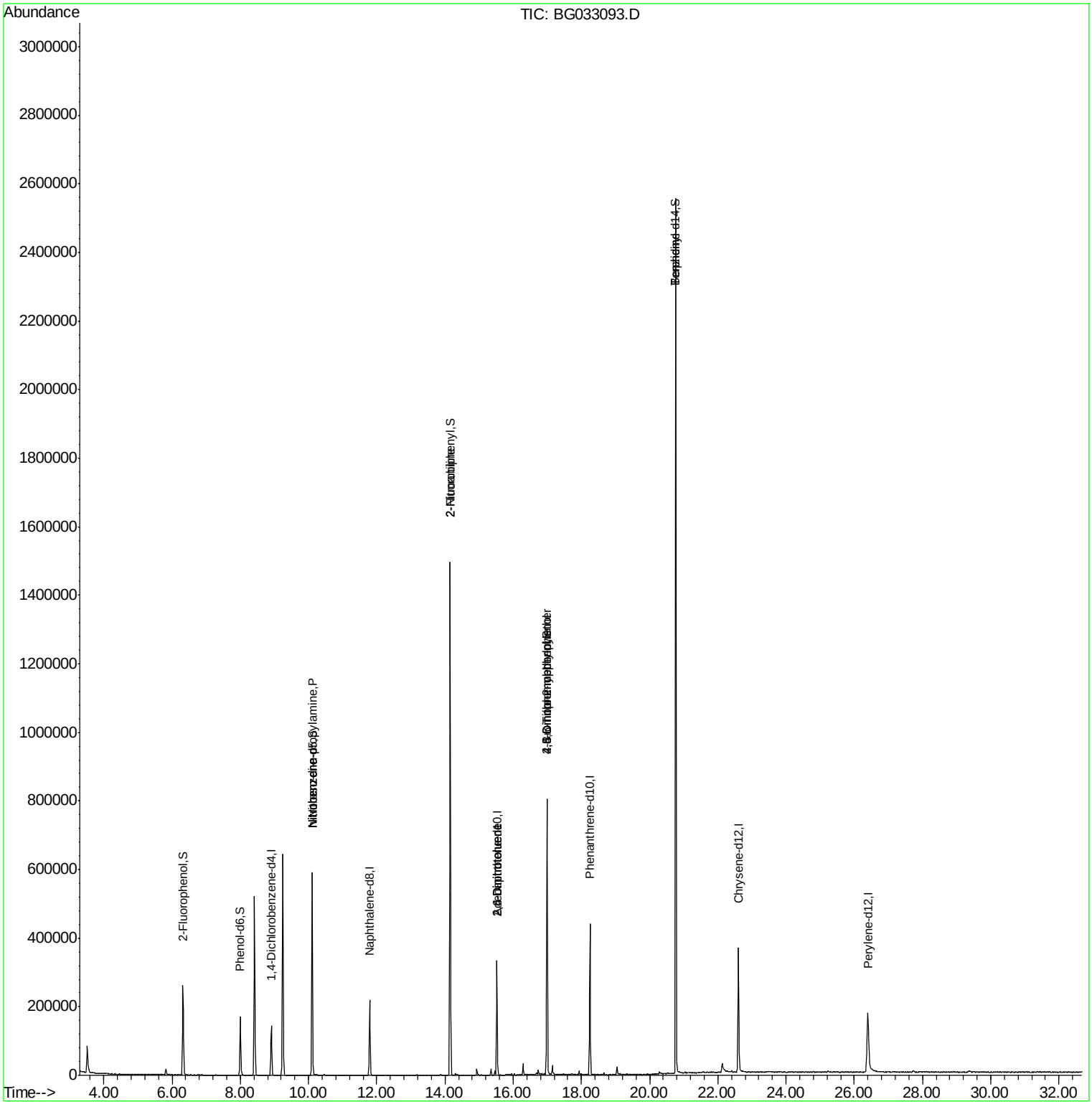
(#) = qualifier out of range (m) = manual integration (+) = signals summed

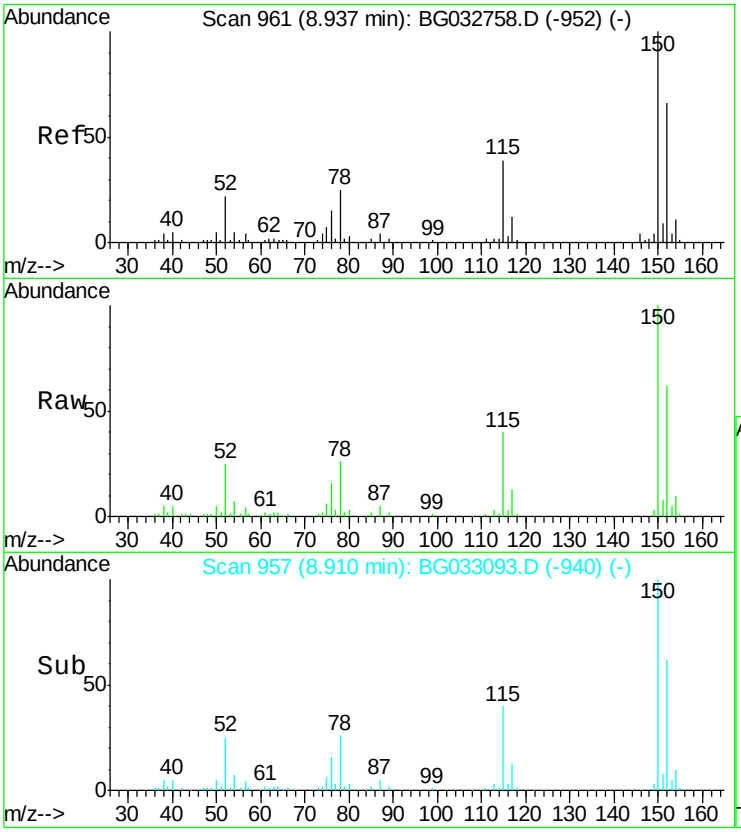
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033093.D
Acq On : 12 Mar 2018 17:25
Operator : SJ/JU
Sample : J1869-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 12 17:59:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



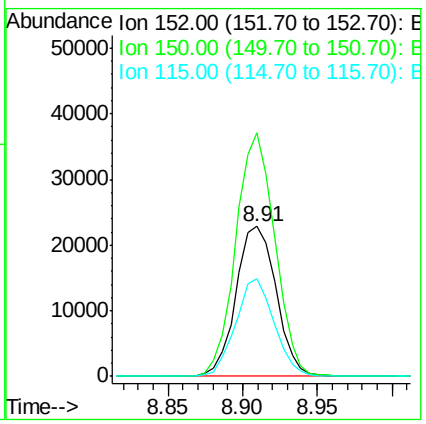


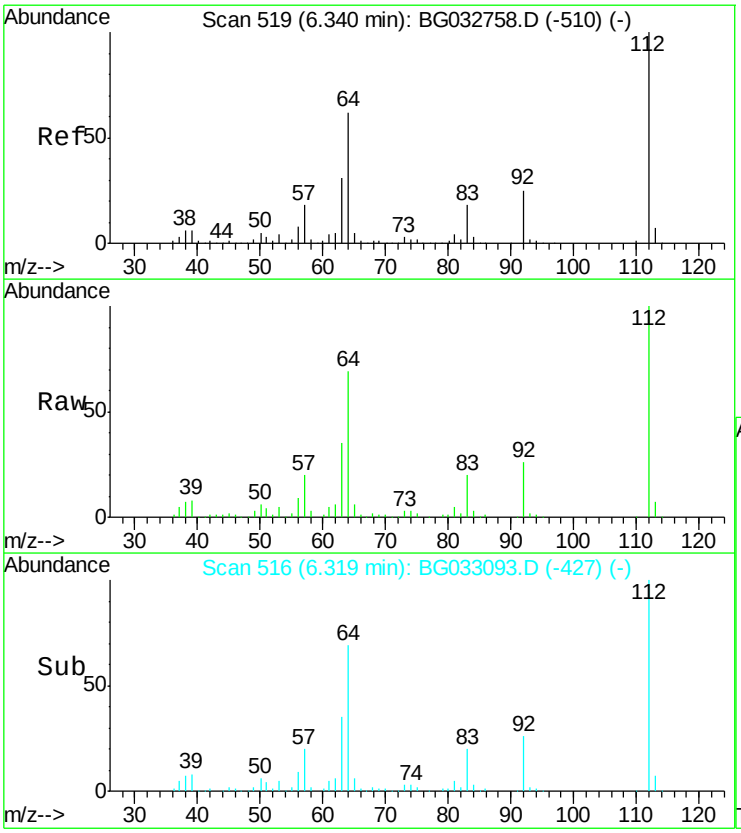
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42583

Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.6	189.8
115	65.0	53.0	79.4

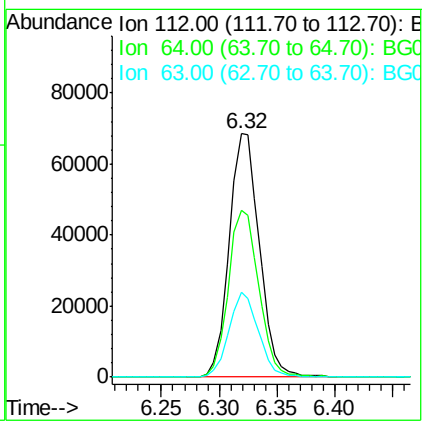


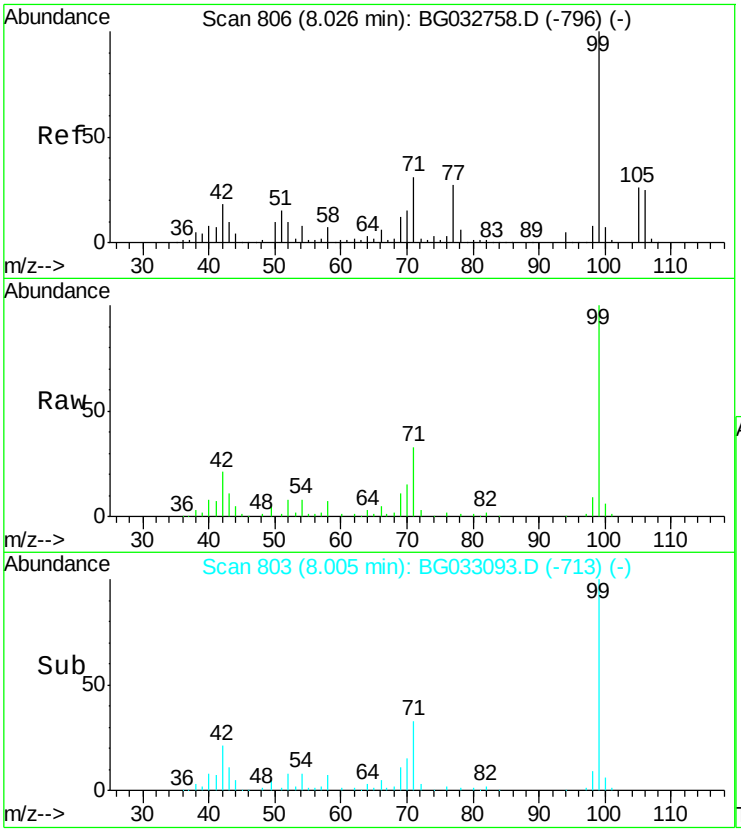


#5
2-Fluorophenol
Concen: 46.722 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:112 Resp: 124359

Ion	Ratio	Lower	Upper
112	100		
64	68.7	56.3	84.5
63	35.0	30.1	45.1



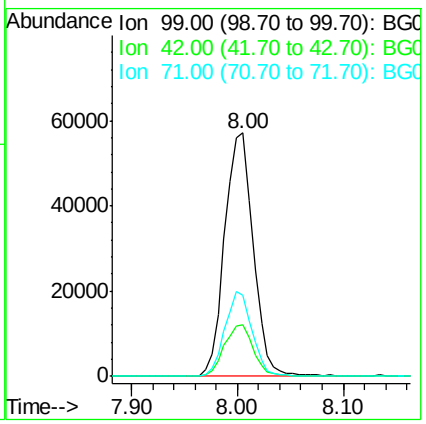


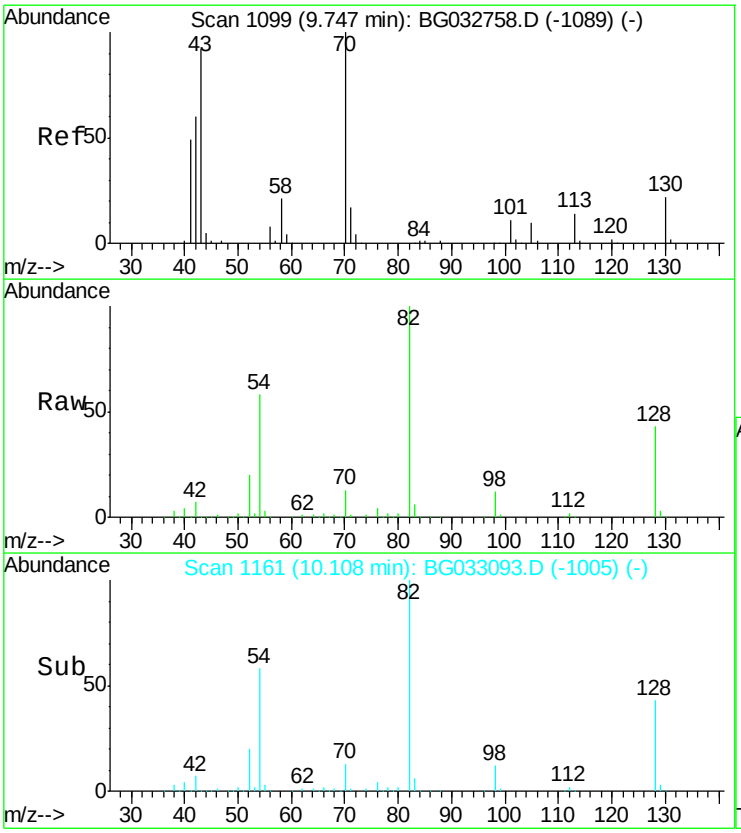
#7
Phenol-d6
Concen: 28.798 ng
RT: 8.00 min Scan# 803
Delta R.T. 0.00 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 106842

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.1	21.1#
71	33.3	26.1	39.1

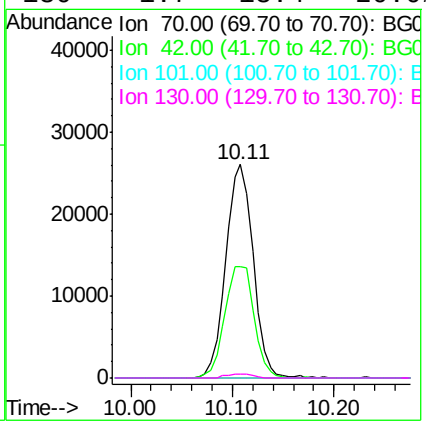


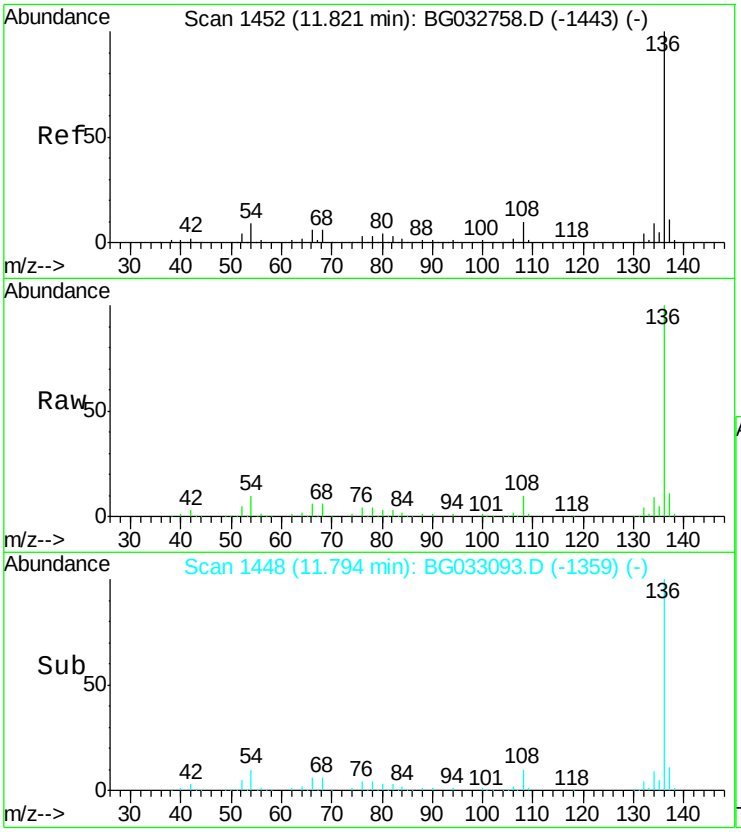


#19
n-Nitroso-di-n-propylamine
Concen: 18.642 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion: 70 Resp: 48826

Ion	Ratio	Lower	Upper
70	100		
42	52.3	49.1	73.7
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



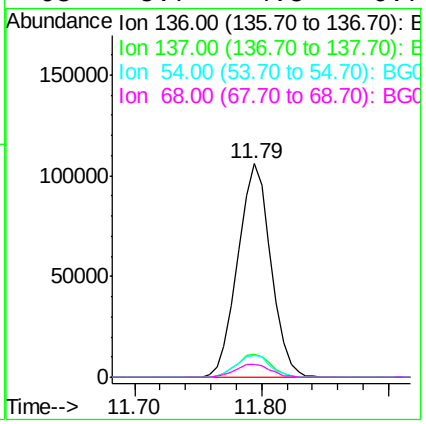


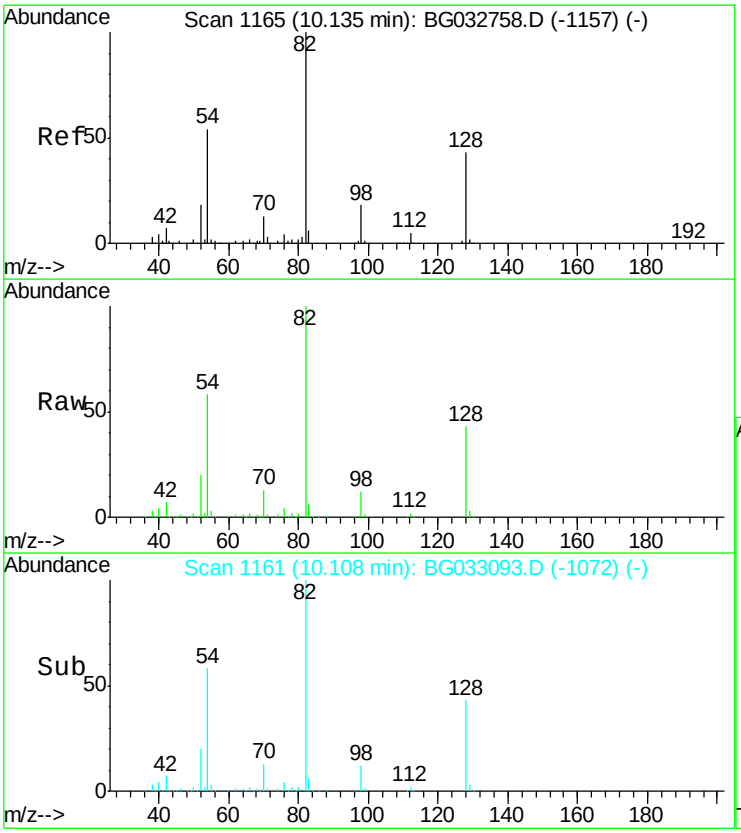
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 191706

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.3	10.3	15.5#
68	5.7	4.5	6.7

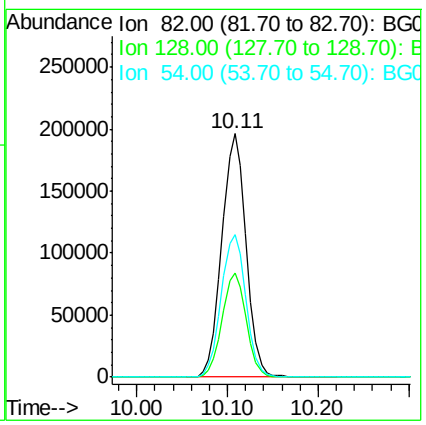


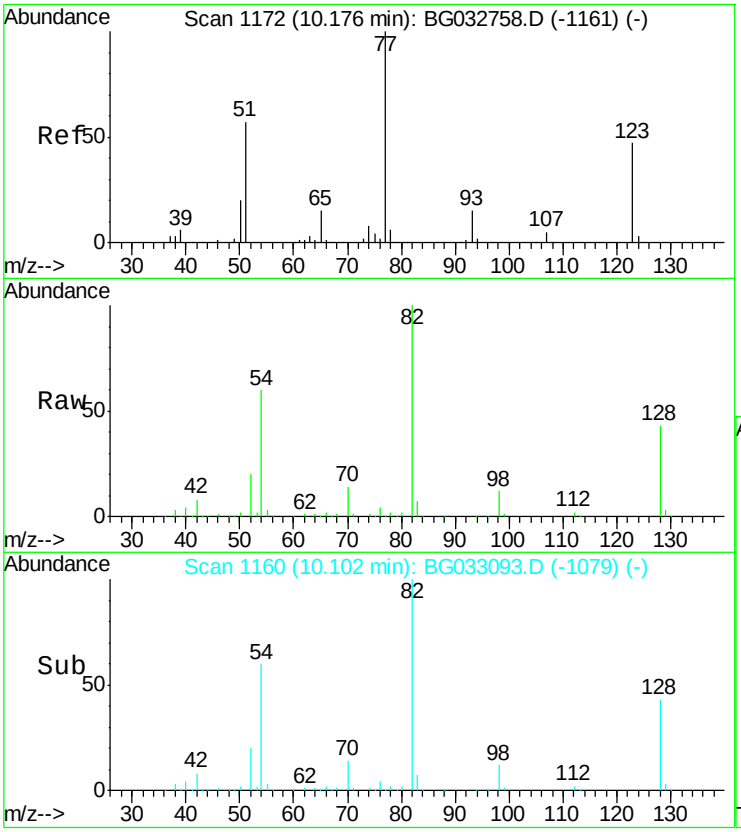


#23
Nitrobenzene-d5
Concen: 126.474 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion: 82 Resp: 364513

Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	58.4	43.1	64.7



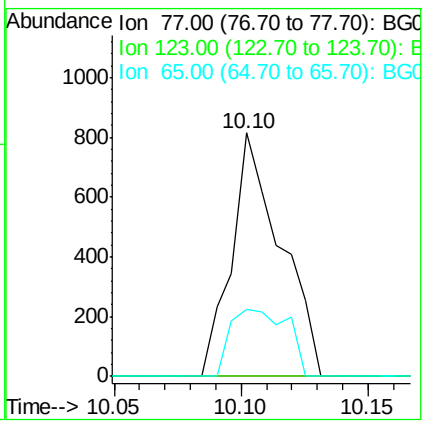


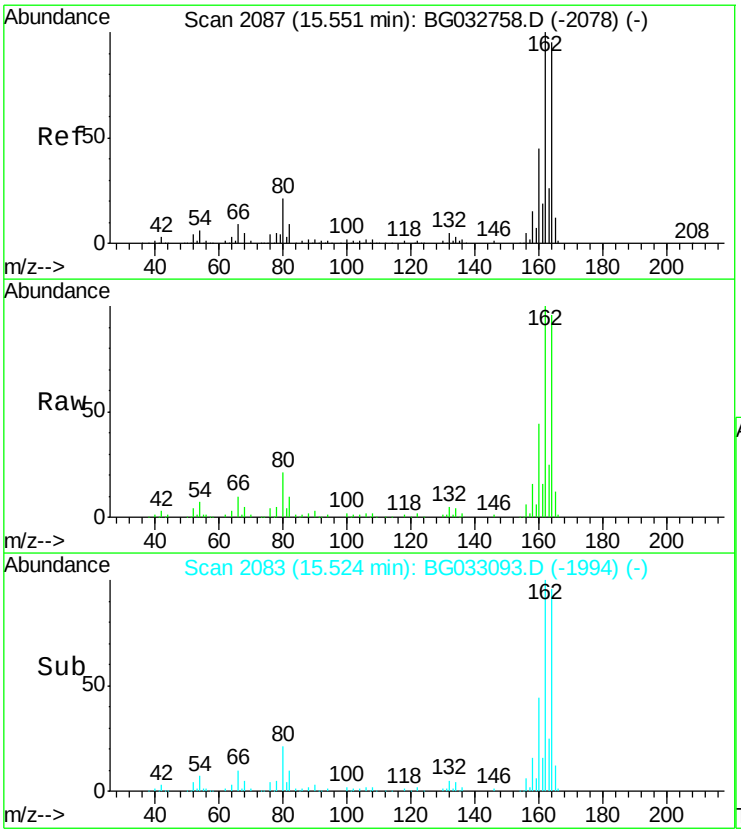
#24
Nitrobenzene
Concen: 6.693 ng
RT: 10.10 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1101

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	27.5	13.0	19.6#

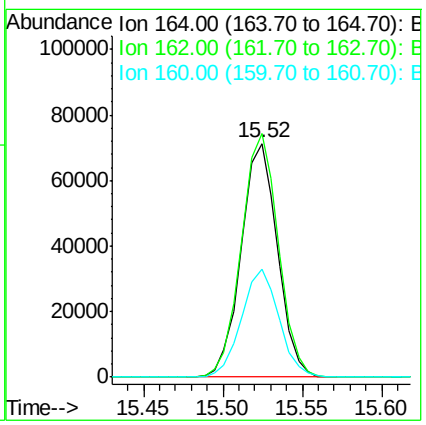


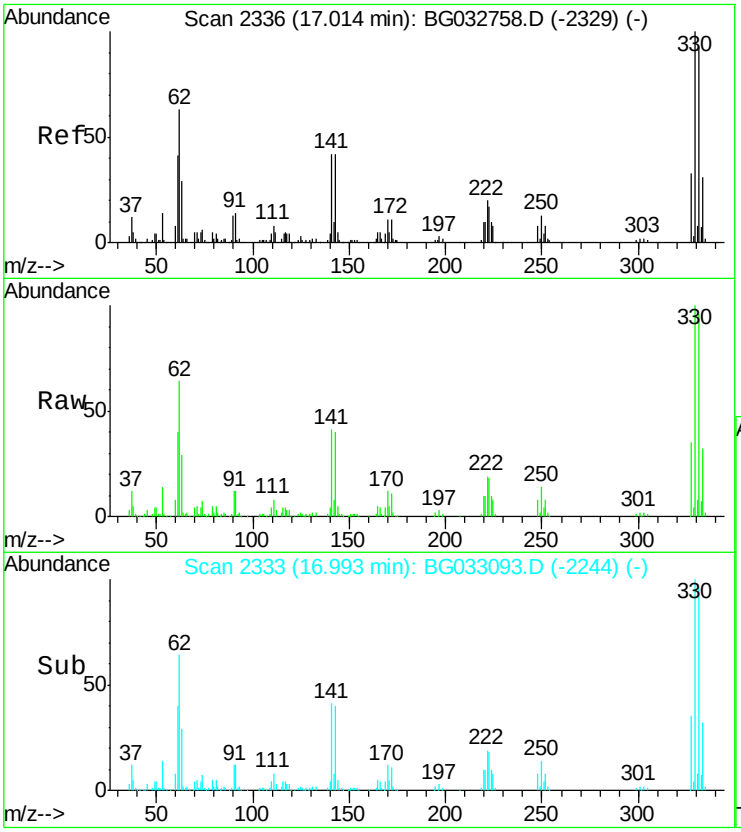


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:164 Resp: 113034

Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	45.9	35.4	53.0



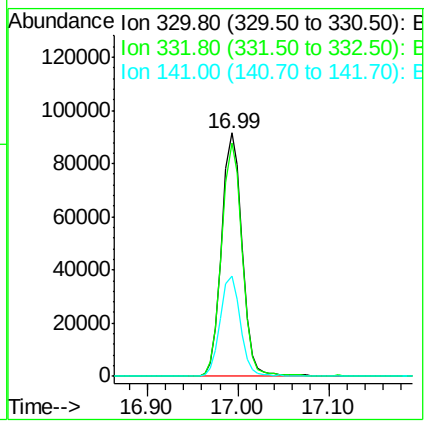


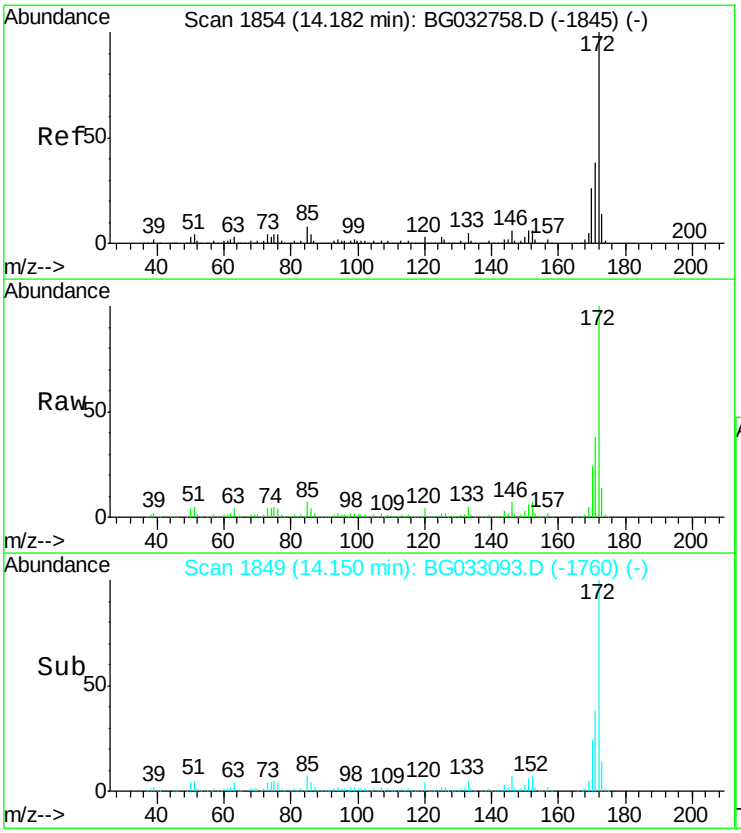
#41
2,4,6-Tribromophenol
Concen: 120.424 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 143126

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	40.6	25.2	37.8#

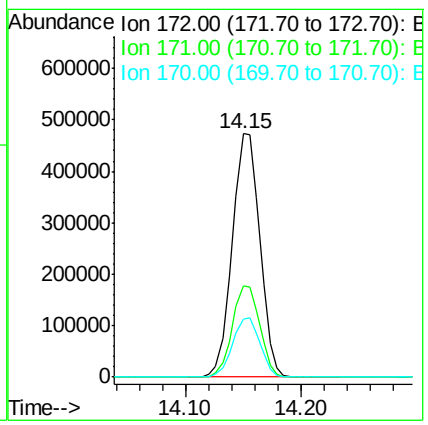


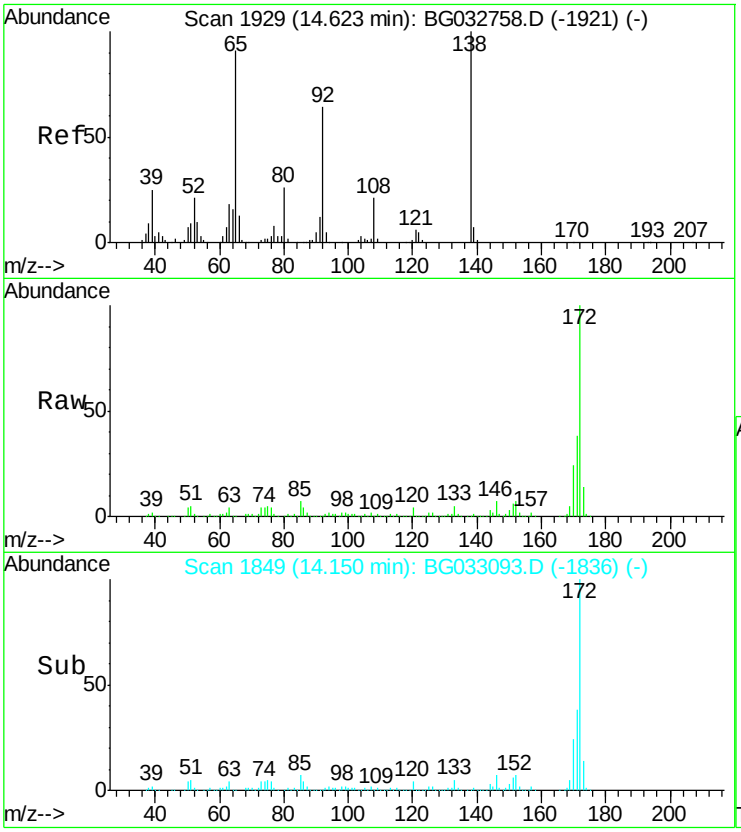


#44
2-Fluorobiphenyl
Concen: 99.670 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:172 Resp: 781150

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.0	19.5	29.3



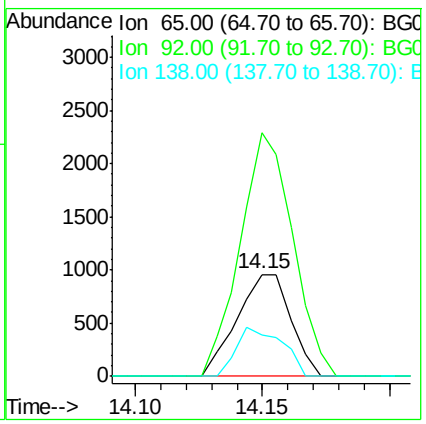


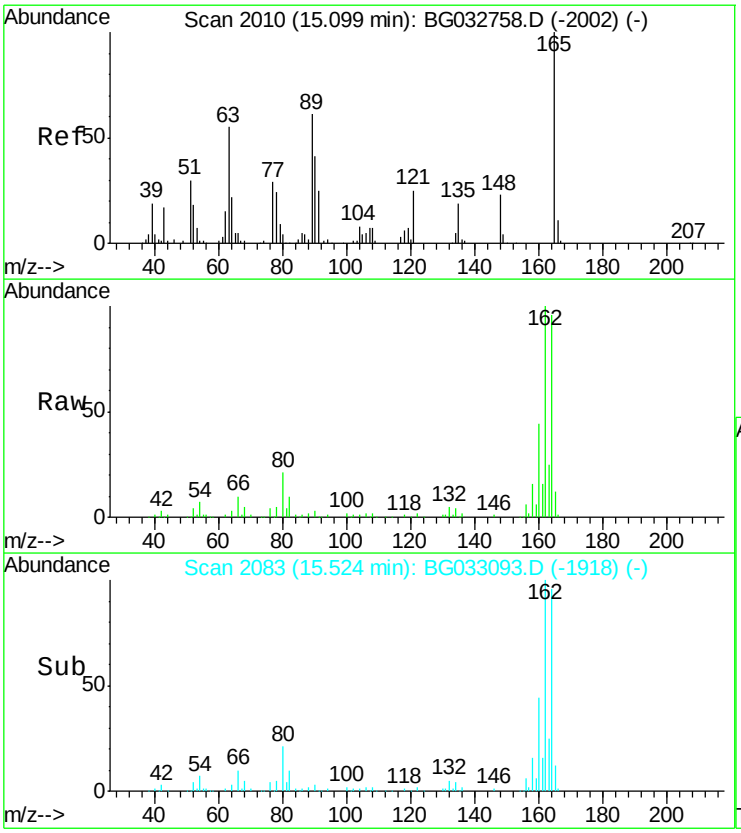
#47
2-Nitroaniline
Concen: 10.442 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.45 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1418

Ion	Ratio	Lower	Upper
65	100		
92	238.5	54.6	82.0#
138	39.9	72.9	109.3#

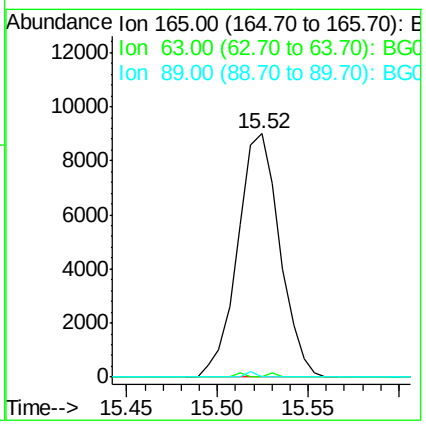


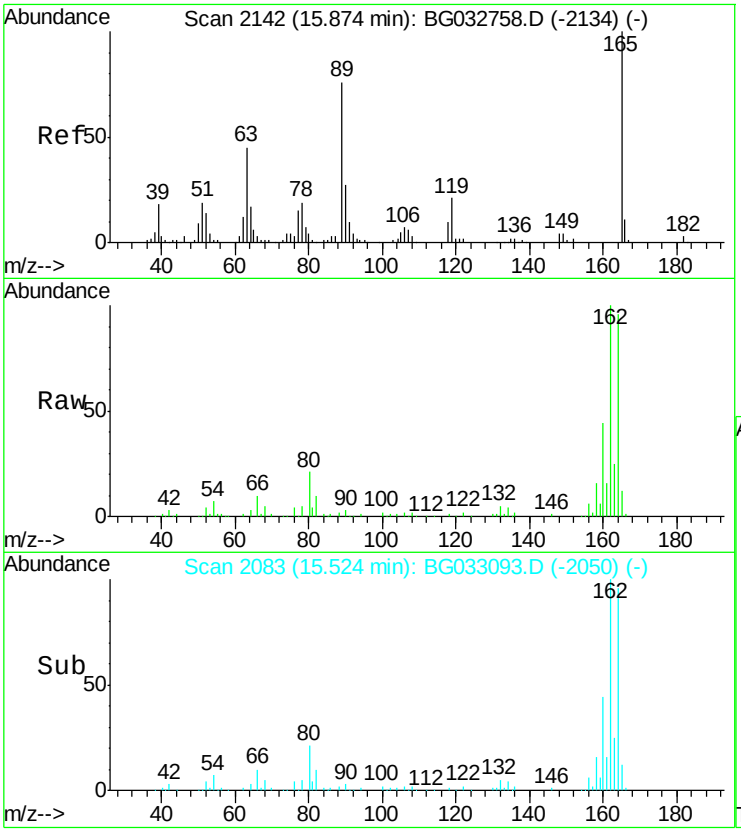


#50
2,6-Dinitrotoluene
Concen: 16.351 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:165 Resp: 14534

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



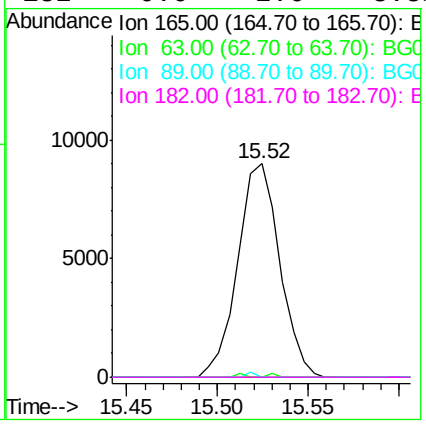


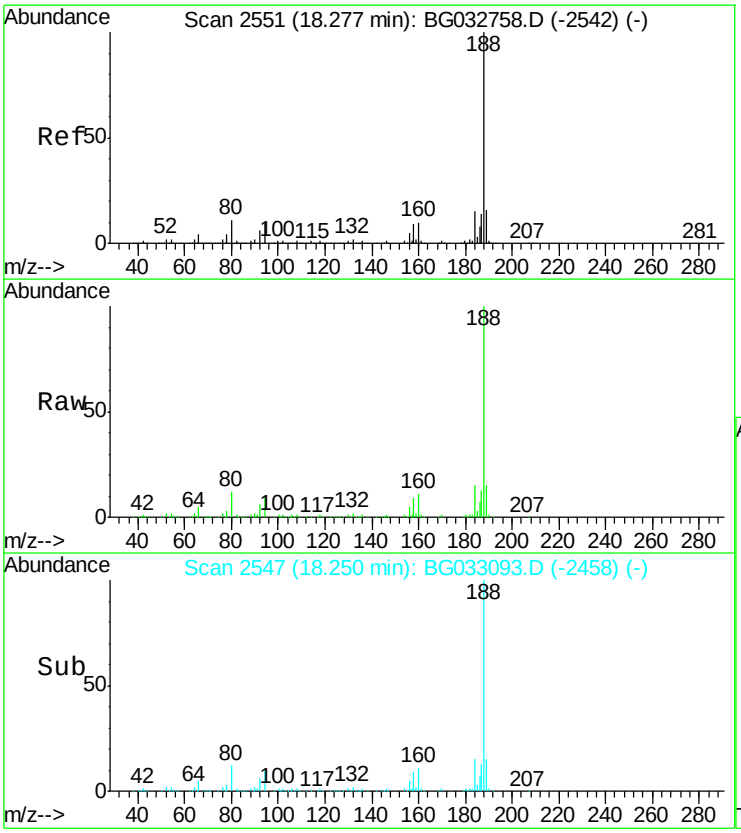
#56
2,4-Dinitrotoluene
Concen: 14.549 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14534

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

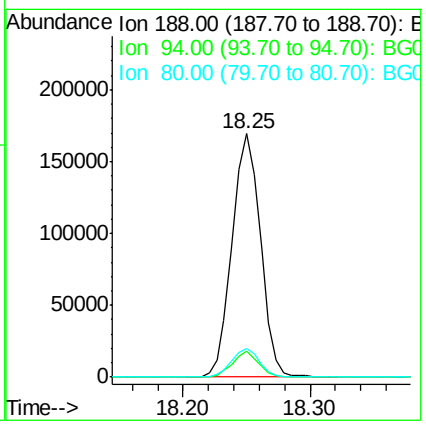


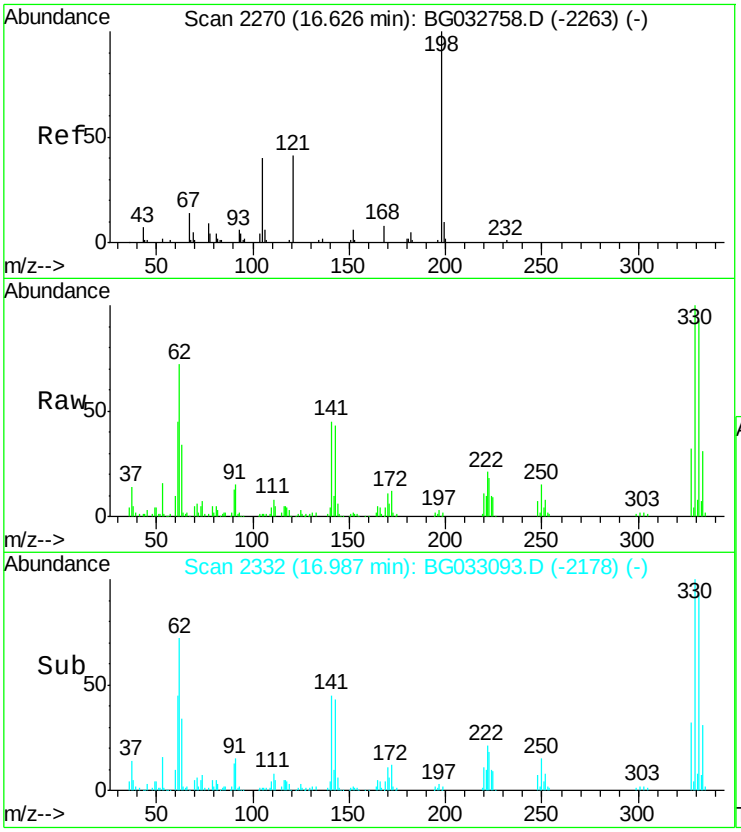


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:188 Resp: 262601

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.9	10.3#
80	11.8	7.7	11.5#



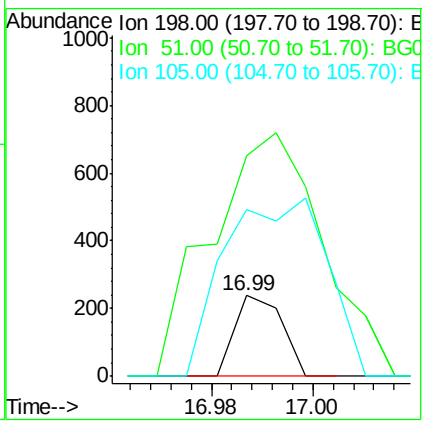


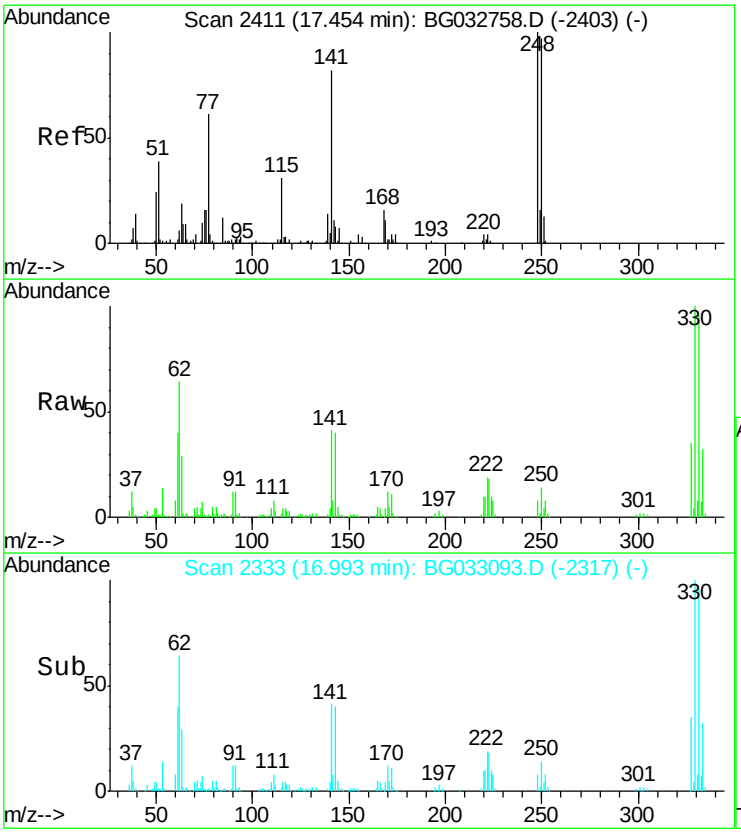
#64
4,6-Dinitro-2-methylphenol
Concen: 5.199 ng
RT: 16.99 min Scan# 2332
Delta R.T. 0.38 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 155

Ion	Ratio	Lower	Upper
198	100		
51	272.4	30.6	70.6#
105	206.7	23.8	63.8#

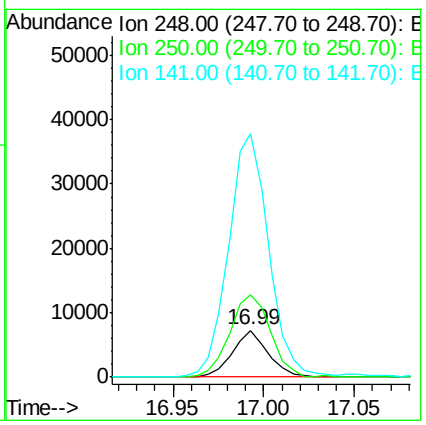


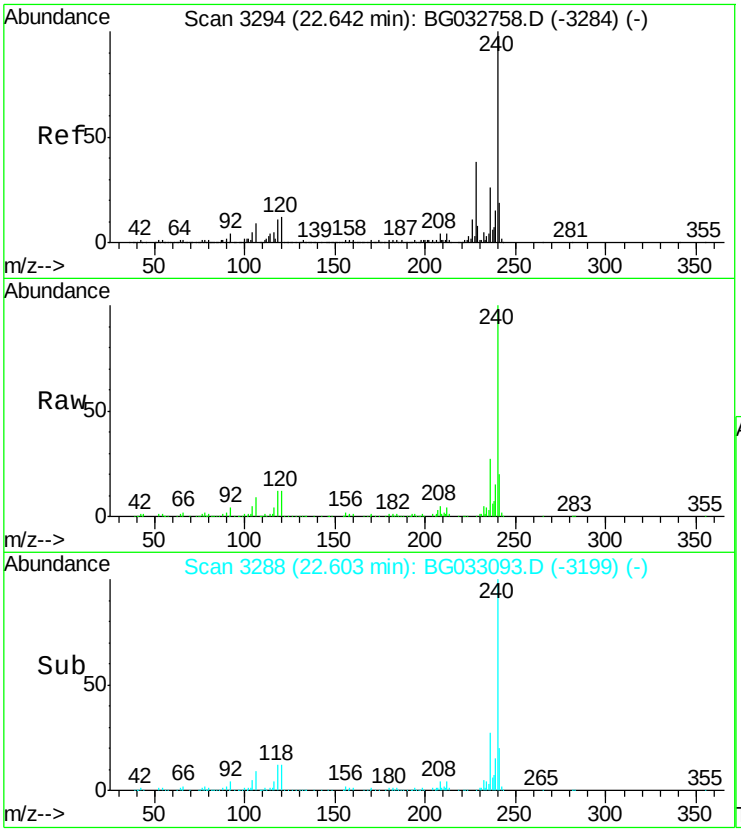


#66
4-Bromophenyl-phenylether
Concen: 3.553 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:248 Resp: 9865

Ion	Ratio	Lower	Upper
248	100		
250	177.1	77.1	115.7#
141	521.0	50.8	76.2#



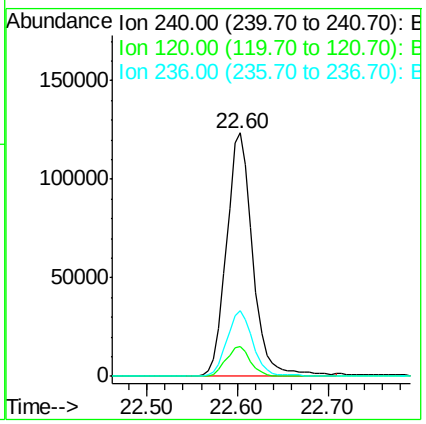


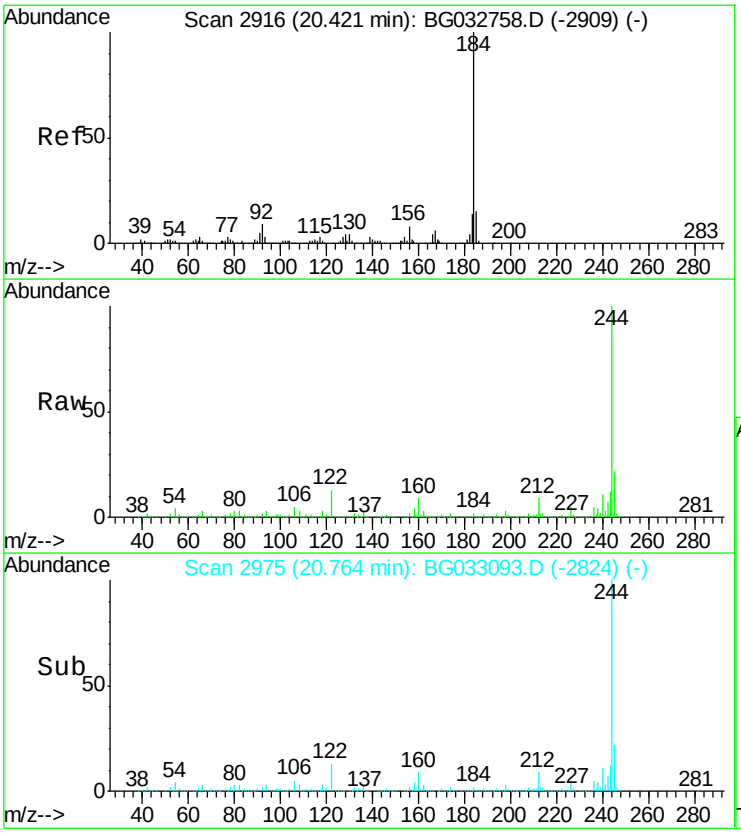
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 249514

Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	26.8	20.9	31.3

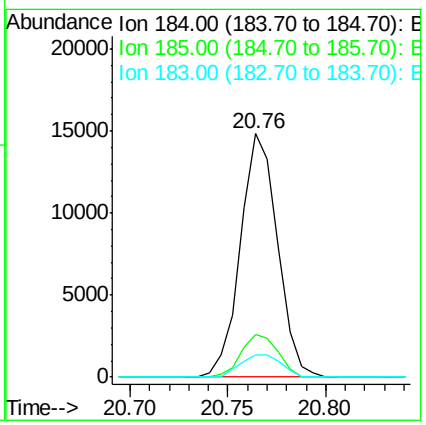


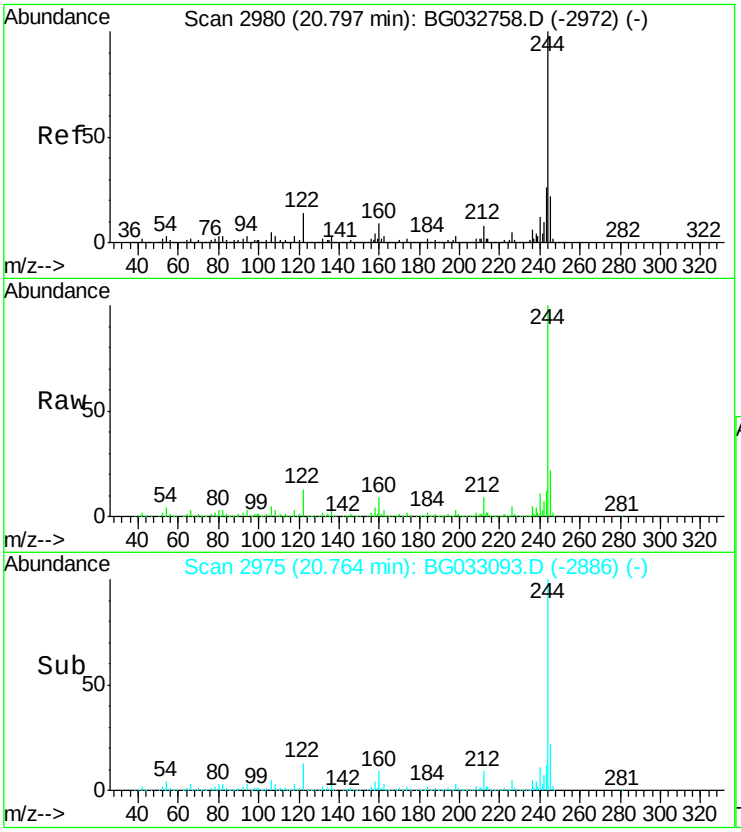


#76
Benzidine
Concen: 2.287 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.36 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:184 Resp: 19451

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.1	16.7#
183	9.2	10.6	16.0#



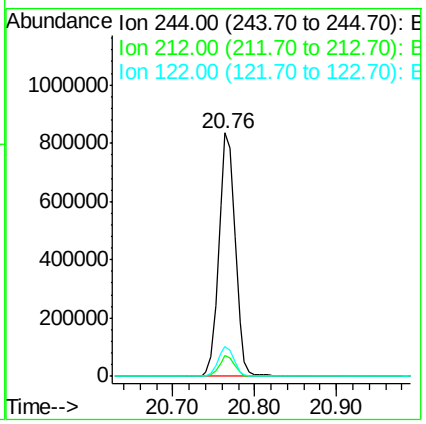


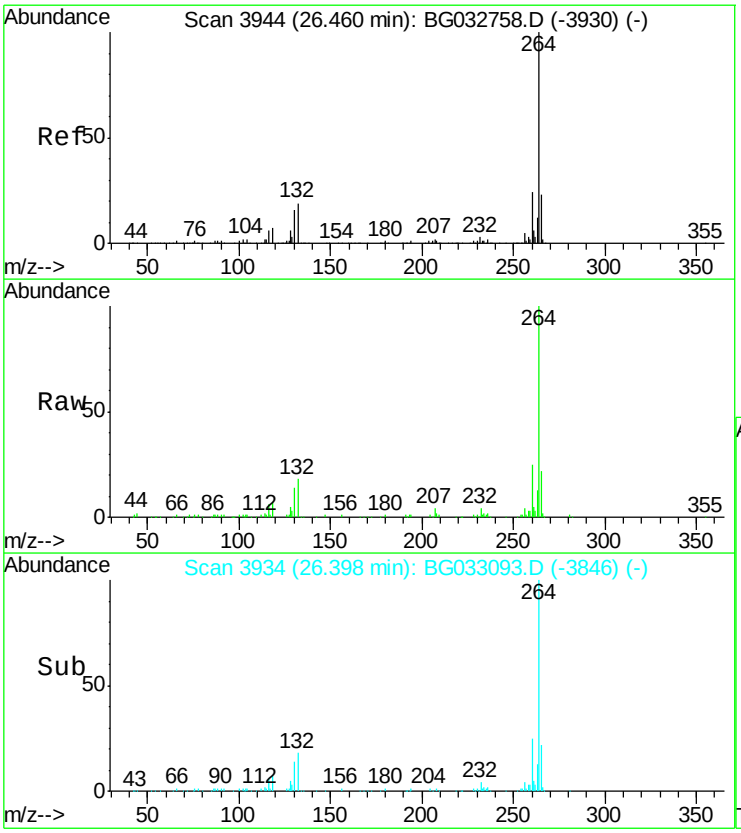
#78
Terphenyl-d14
Concen: 104.984 ng
RT: 20.76 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1165916

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	12.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033093.D
Acq: 12 Mar 2018 17:25

Tgt Ion:264 Resp: 248607

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.2	17.7	26.5