Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031218\
Data File : BG033110.D
Acq On : 13 Mar 2018 4:45
Operator : SJ/JU
Sample : PB107261BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107261BL

Quant Time: Mar 13 08:42:21 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	38443	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	171103	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	97188	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	240370	20.00	ng	0.00
75) Chrysene-d12	22.60	240	240183	20.00	ng	0.00
86) Perylene-d12	26.42	264	229784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	269013	111.95	ng	0.00
7) Phenol-d6	8.01	99	354033	105.70	ng	0.00
23) Nitrobenzene-d5	10.11	82	212648	86.10	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	128405	125.65	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	479140	71.10	ng	0.00
78) Terphenyl-d14	20.77	244	829662	77.61	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.10	70	27965	11.827	ng	# 84
24) Nitrobenzene	10.11	77	671	6.594	ng	# 38
47) 2-Nitroaniline	14.16	65	900	10.283	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	12331	16.253	ng	# 20
56) 2,4-Dinitrotoluene	15.52	165	12331	14.450	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	305	5.488	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	9173	3.609	ng	# 1

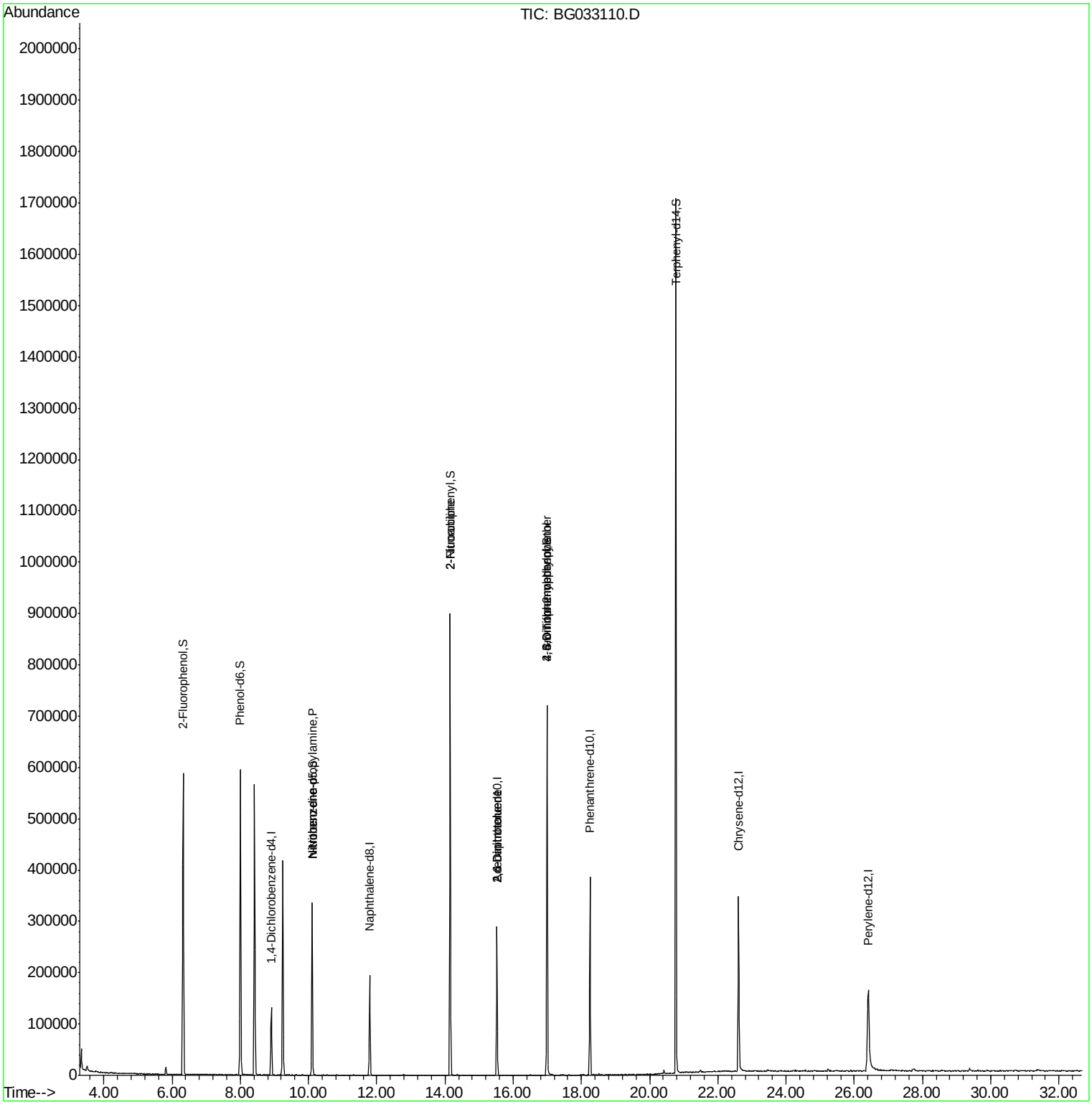
(#) = qualifier out of range (m) = manual integration (+) = signals summed

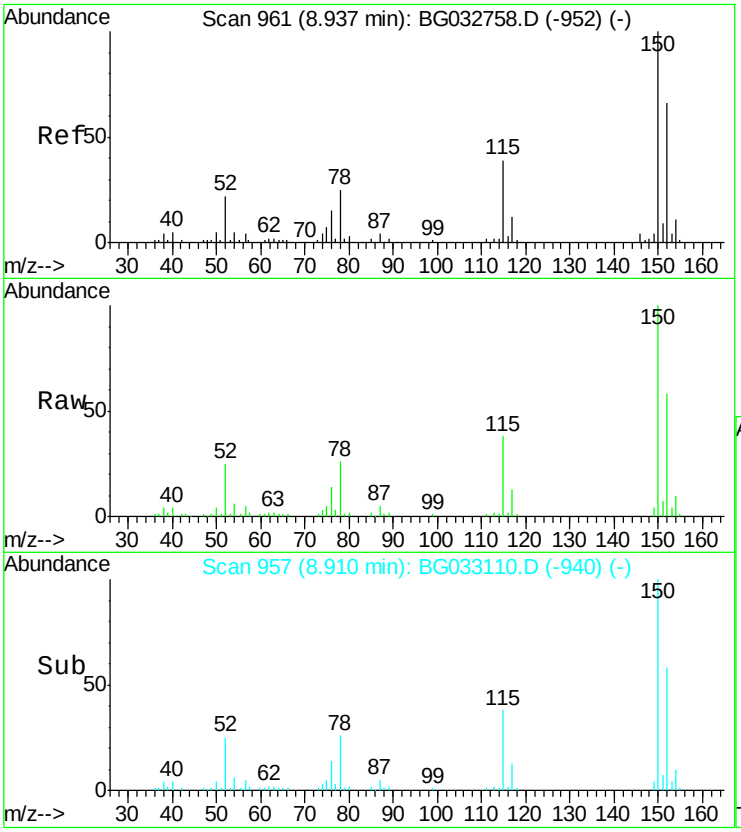
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031218\
Data File : BG033110.D
Acq On : 13 Mar 2018 4:45
Operator : SJ/JU
Sample : PB107261BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107261BL

Quant Time: Mar 13 08:42:21 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



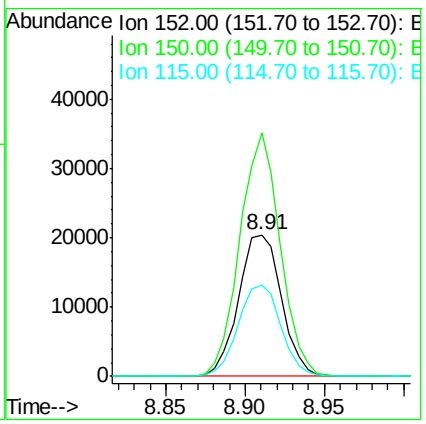


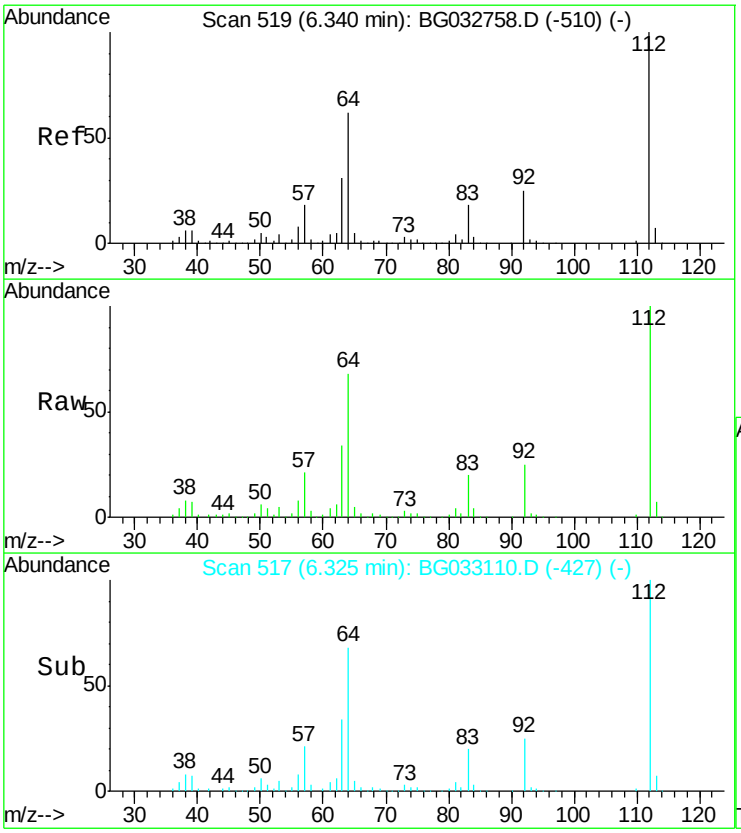
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion:152 Resp: 38443

Ion	Ratio	Lower	Upper
152	100		
150	172.3	126.6	189.8
115	64.7	53.0	79.4

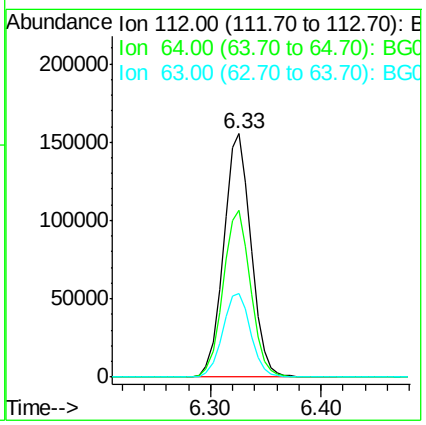


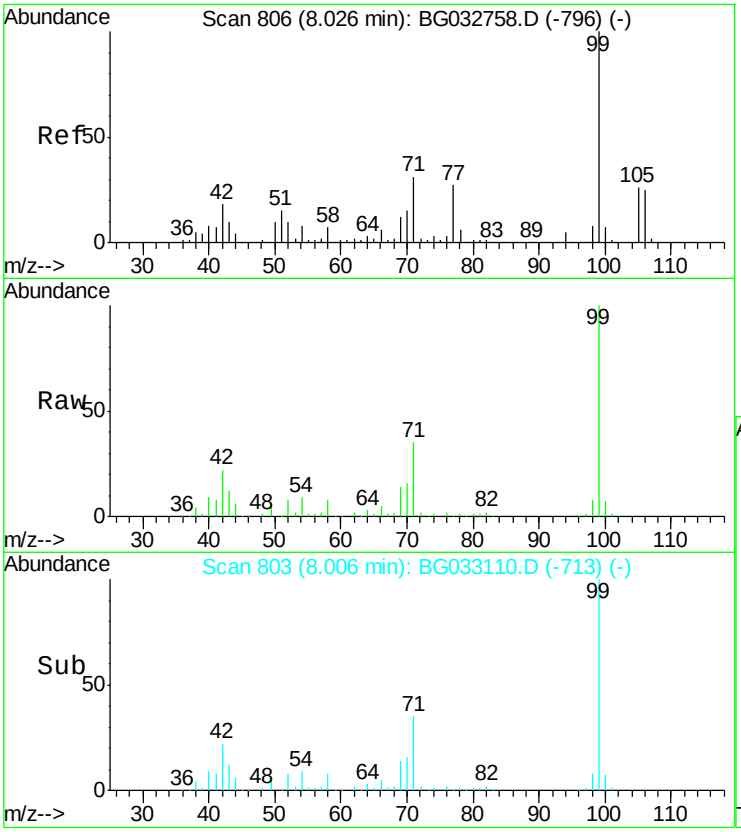


#5
2-Fluorophenol
Concen: 111.953 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion:112 Resp: 269013

Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.3	84.5
63	34.4	30.1	45.1



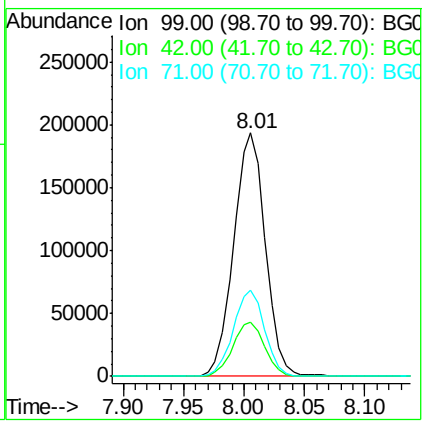


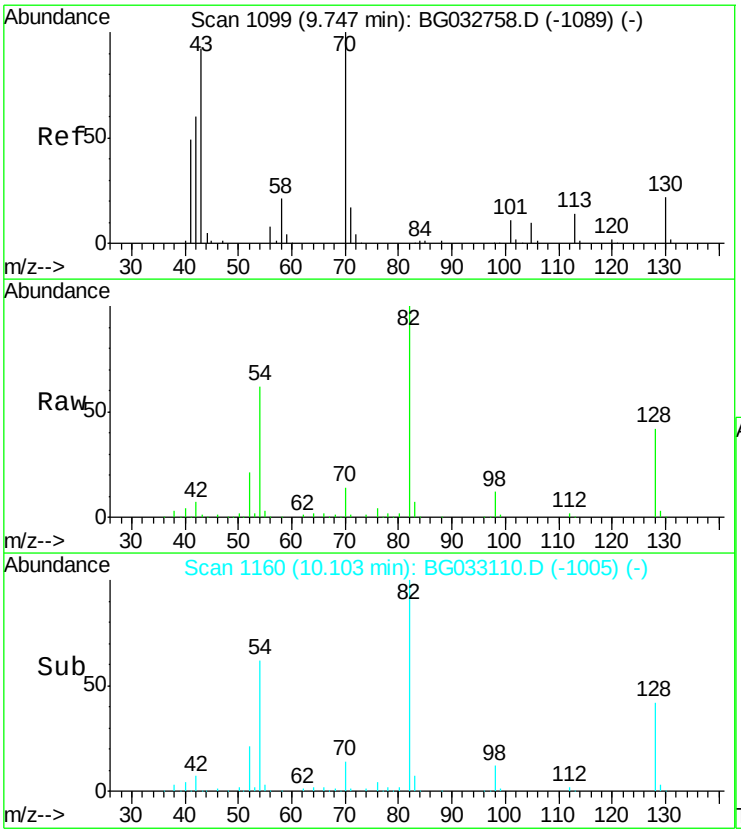
#7
Phenol-d6
Concen: 105.703 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion: 99 Resp: 354033

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.1	21.1#
71	35.4	26.1	39.1

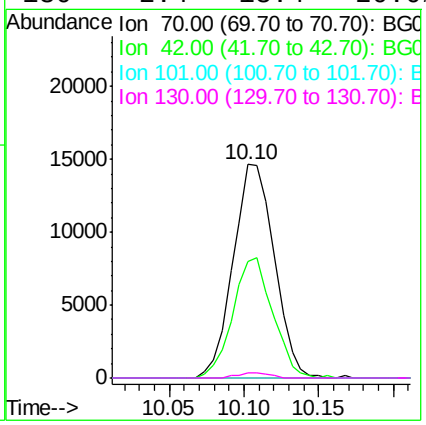


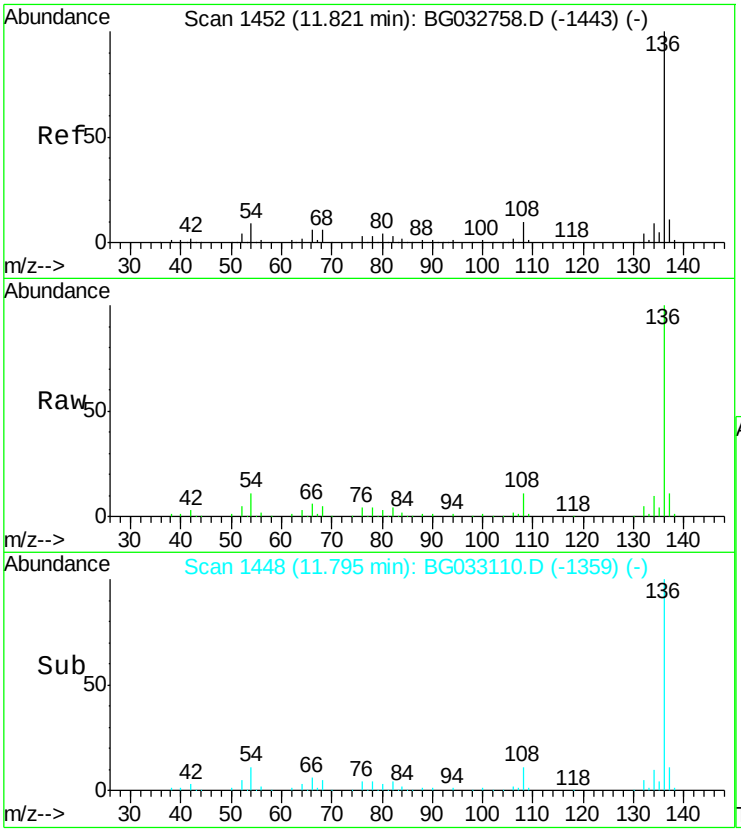


#19
n-Nitroso-di-n-propylamine
Concen: 11.827 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.38 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion: 70 Resp: 27965

Ion	Ratio	Lower	Upper
70	100		
42	54.4	49.1	73.7
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



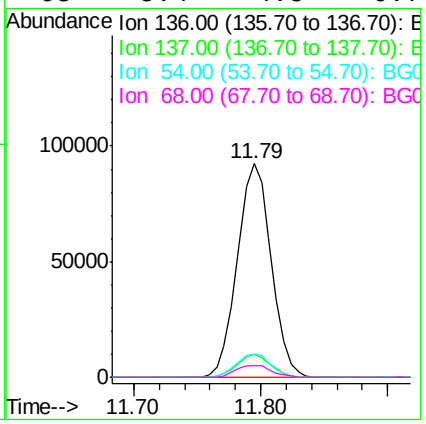


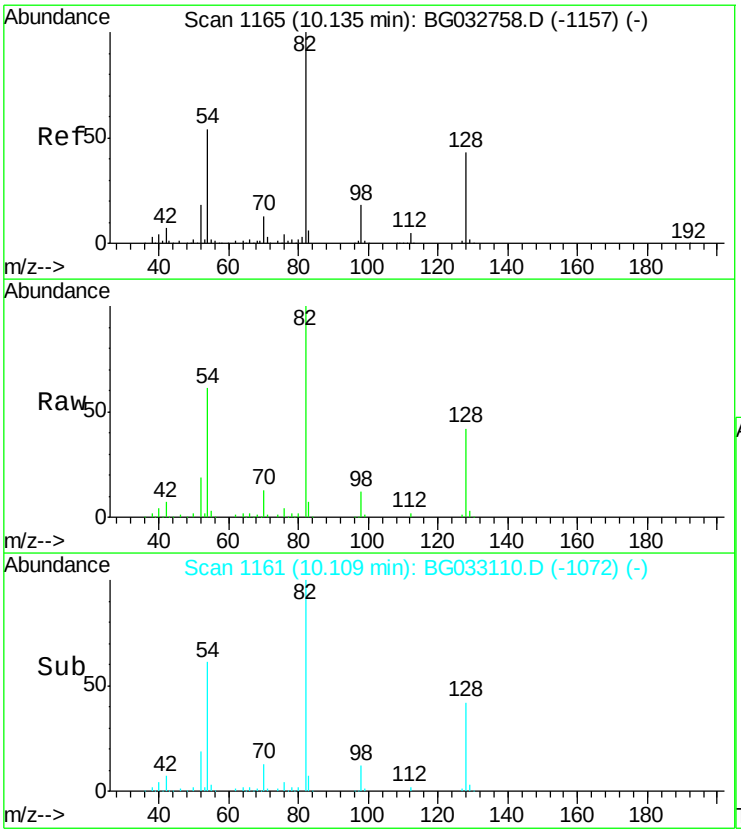
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion:136 Resp: 171103

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	10.8	10.3	15.5
68	5.4	4.5	6.7

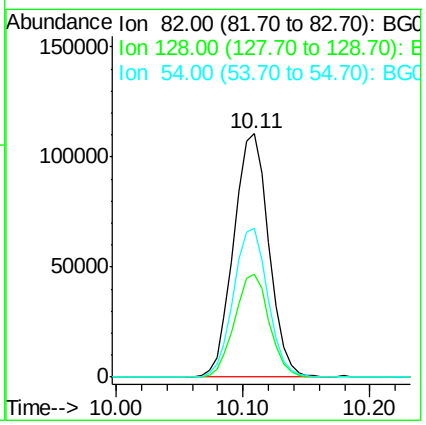


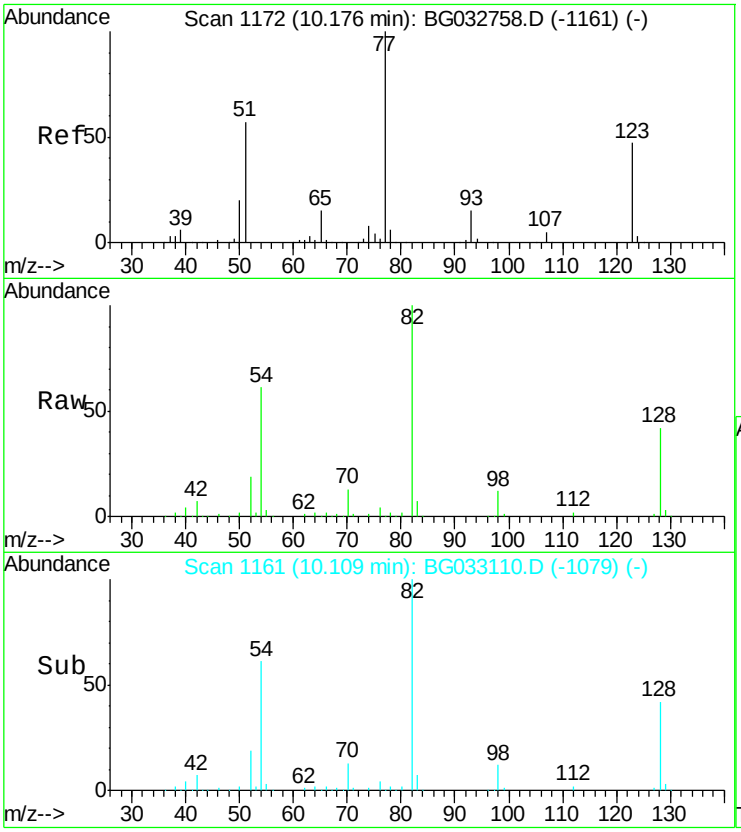


#23
Nitrobenzene-d5
Concen: 86.100 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion: 82 Resp: 212648

Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.7	44.5
54	61.2	43.1	64.7



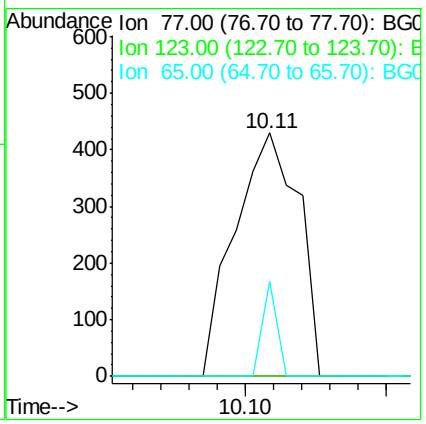


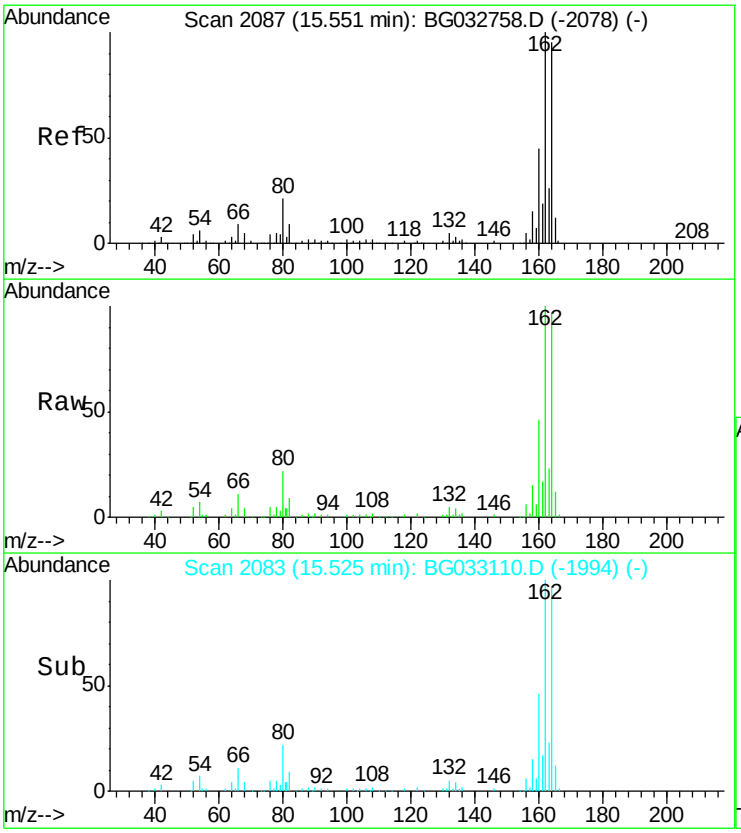
#24
Nitrobenzene
Concen: 6.594 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion: 77 Resp: 671

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	38.8	13.0	19.6#

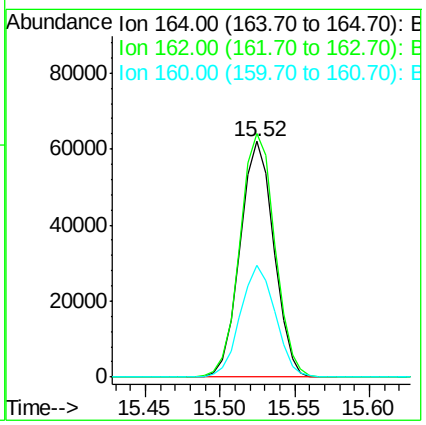


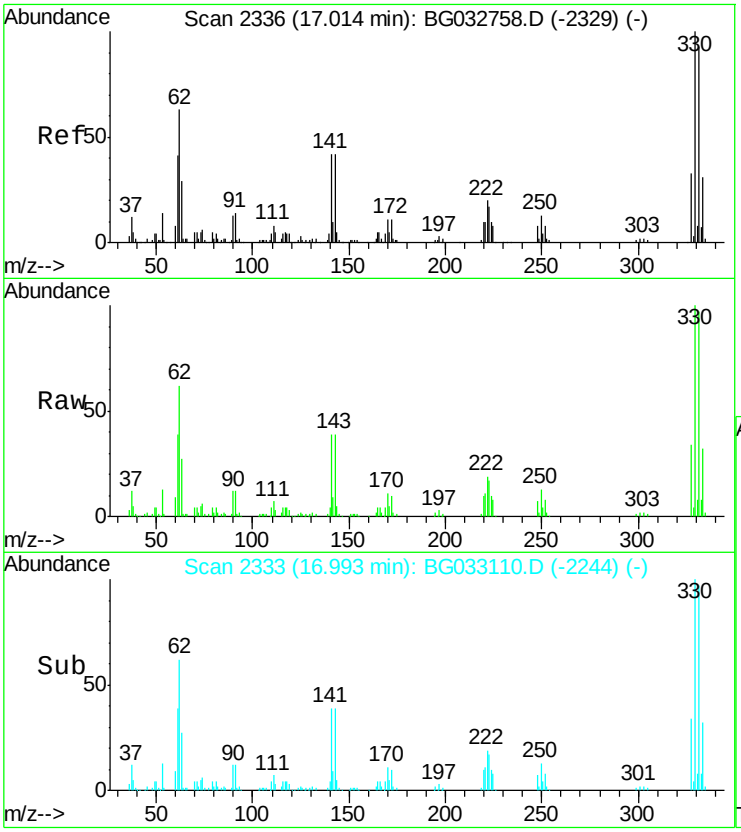


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion:164 Resp: 97188

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	47.3	35.4	53.0



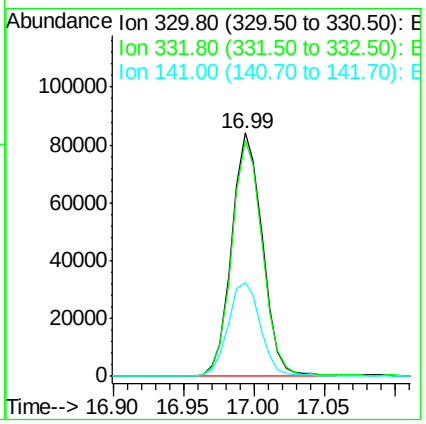


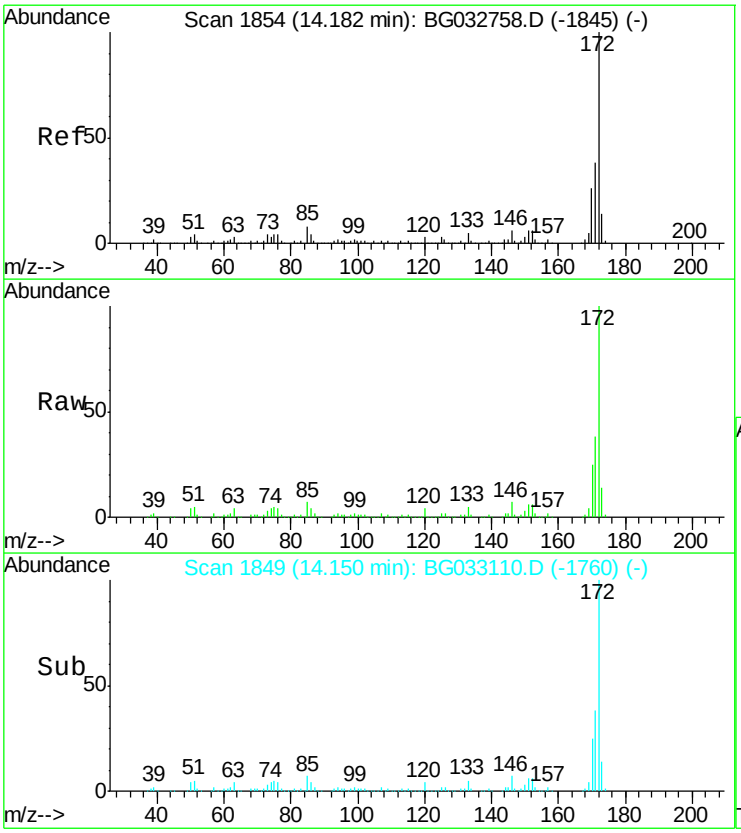
#41
2,4,6-Tribromophenol
Concen: 125.653 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion:330 Resp: 128405

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.7	25.2	37.8#

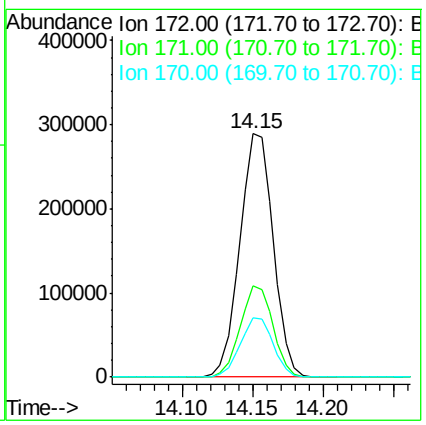


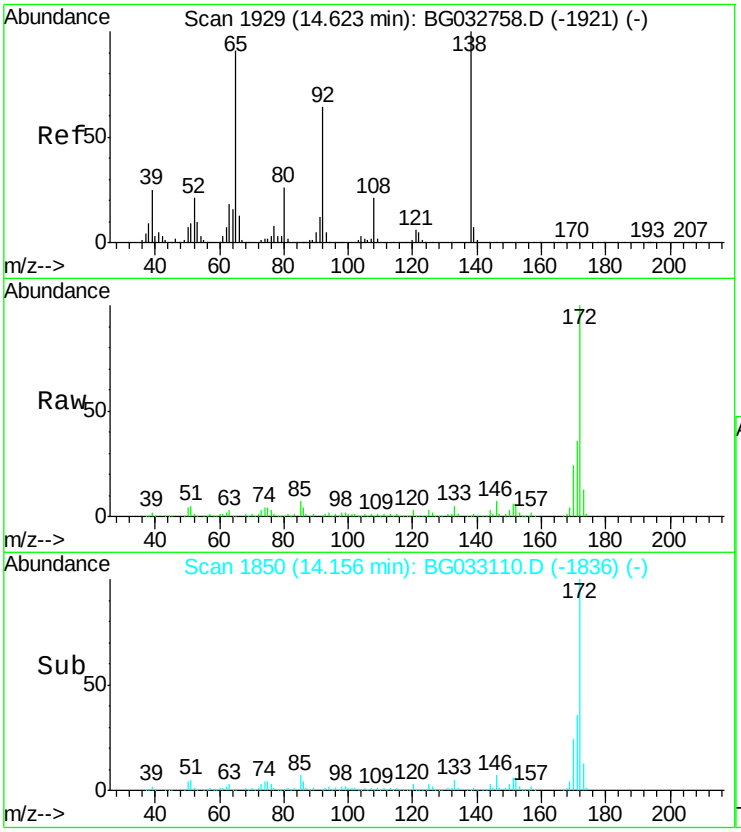


#44
2-Fluorobiphenyl
Concen: 71.104 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion:172 Resp: 479140

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.5	19.5	29.3



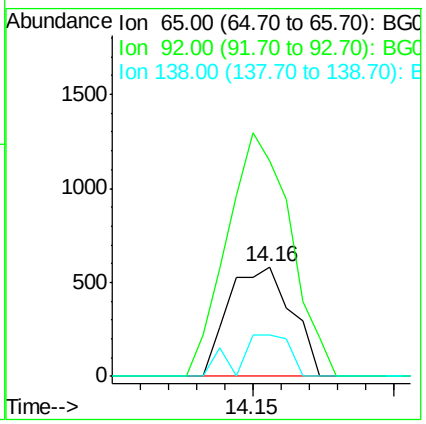


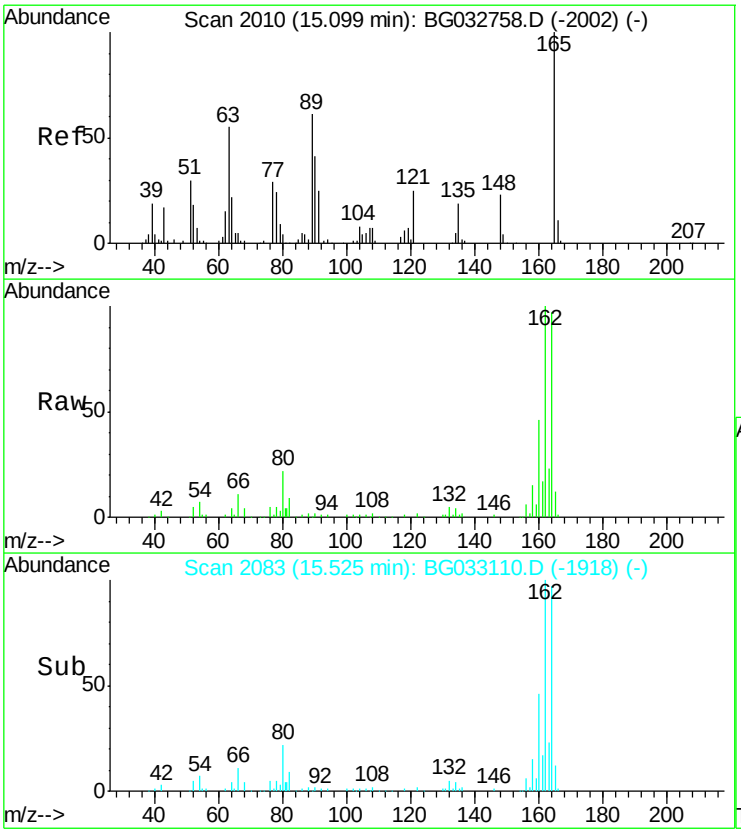
#47
2-Nitroaniline
Concen: 10.283 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion: 65 Resp: 900

Ion	Ratio	Lower	Upper
65	100		
92	197.2	54.6	82.0#
138	37.3	72.9	109.3#

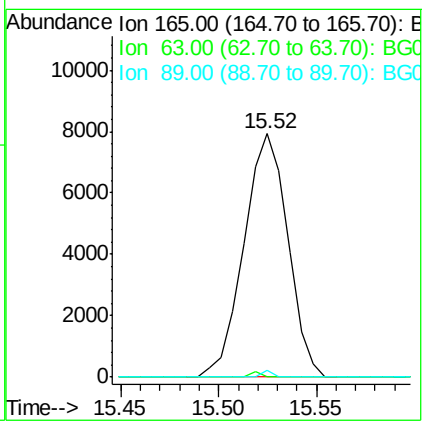


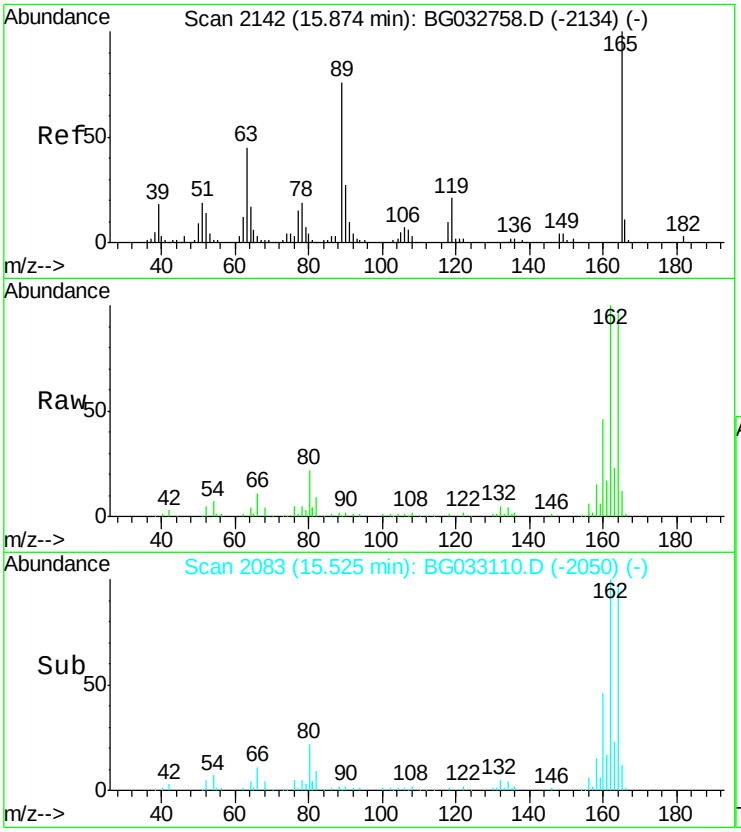


#50
2,6-Dinitrotoluene
Concen: 16.253 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion:165 Resp: 12331

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.9	49.2	73.8#



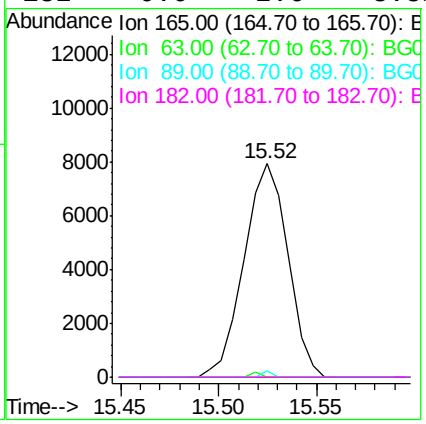


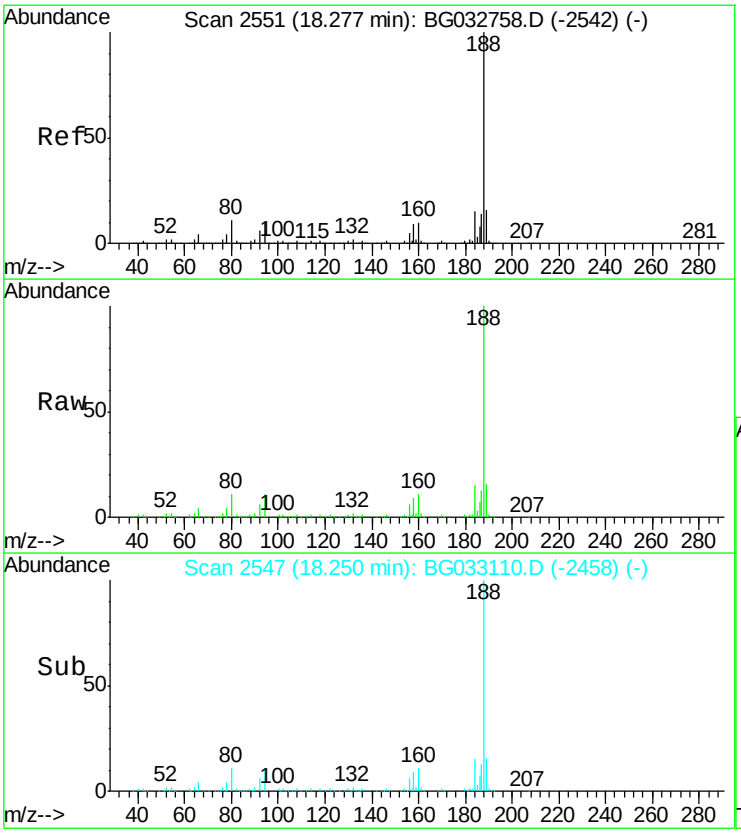
#56
2,4-Dinitrotoluene
Concen: 14.450 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion:165 Resp: 12331

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.9	66.9	100.3#
182	0.0	2.6	3.8#

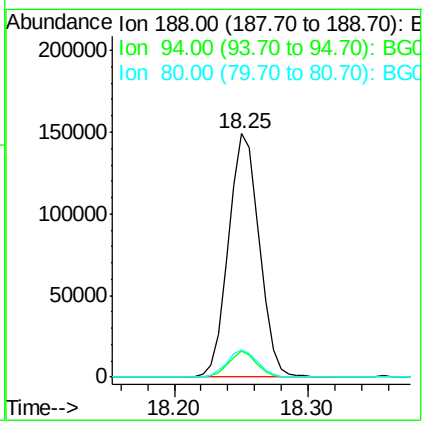


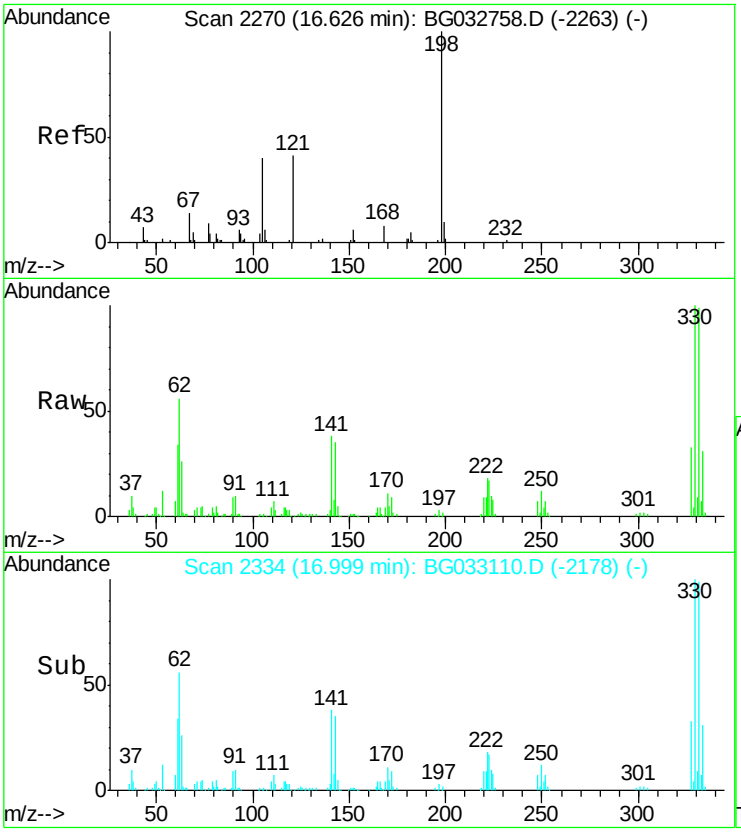


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion:188 Resp: 240370

Ion	Ratio	Lower	Upper
188	100		
94	10.7	6.9	10.3#
80	11.2	7.7	11.5



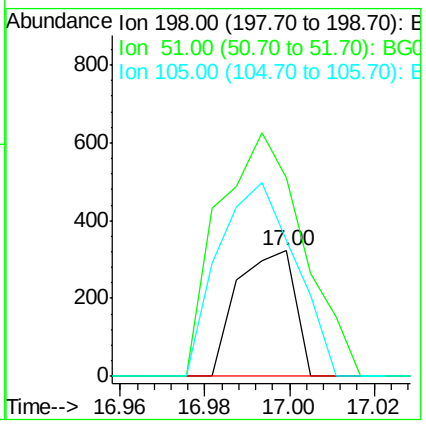


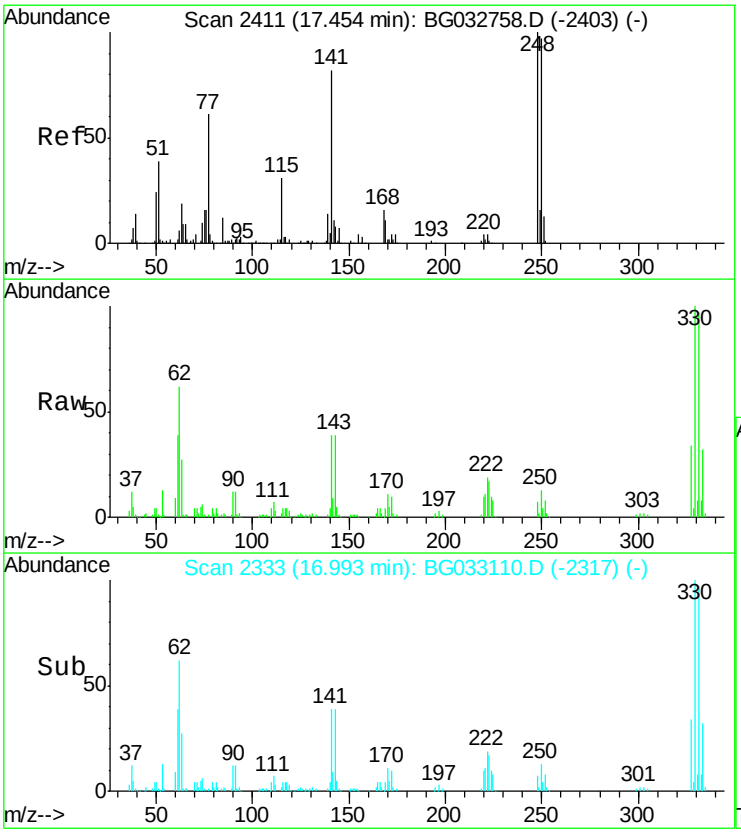
#64
4,6-Dinitro-2-methylphenol
Concen: 5.488 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.39 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion:198 Resp: 305

Ion	Ratio	Lower	Upper
198	100		
51	158.4	30.6	70.6#
105	109.0	23.8	63.8#

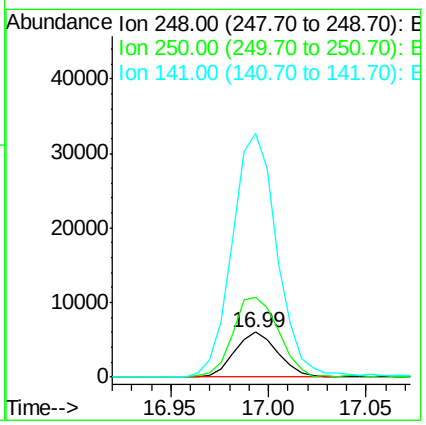


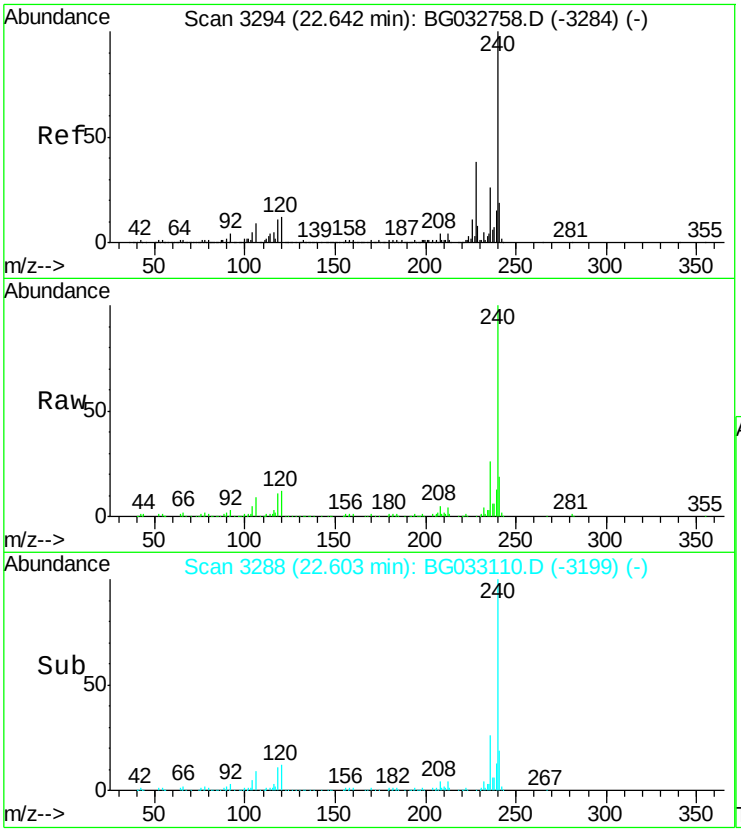


#66
4-Bromophenyl-phenylether
Concen: 3.609 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion:248 Resp: 9173

Ion	Ratio	Lower	Upper
248	100		
250	176.9	77.1	115.7#
141	539.3	50.8	76.2#



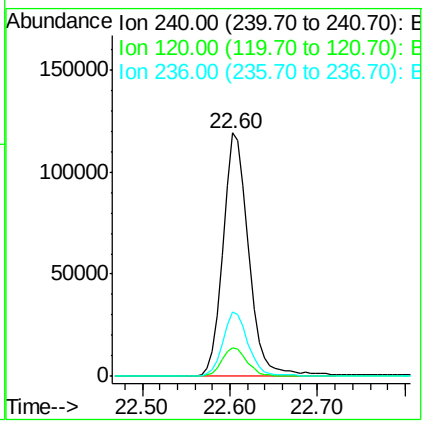


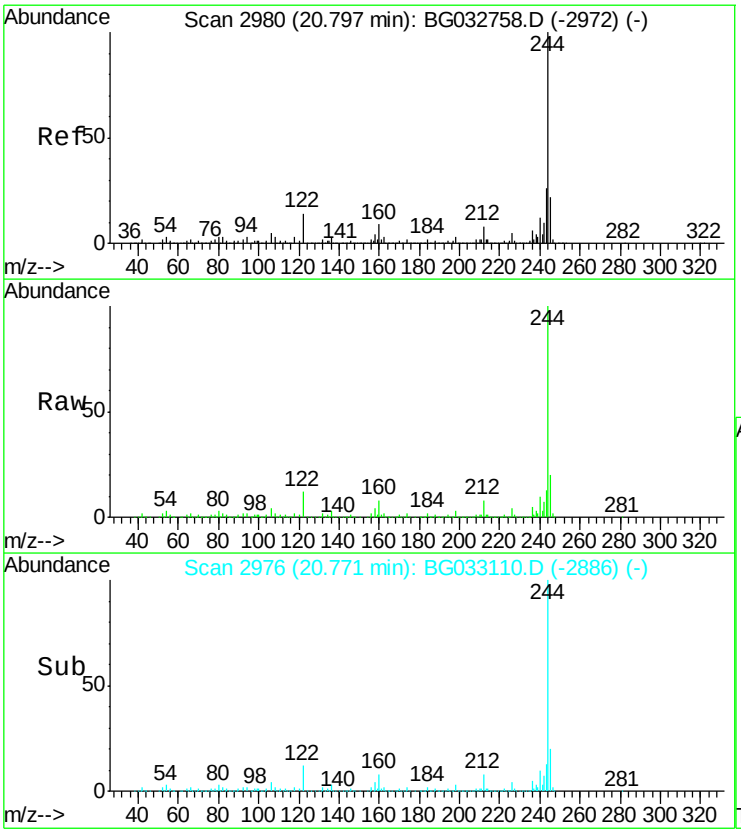
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion:240 Resp: 240183

Ion	Ratio	Lower	Upper
240	100		
120	11.8	6.8	10.2#
236	26.3	20.9	31.3

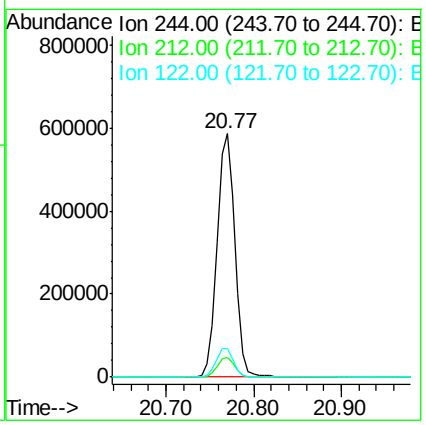


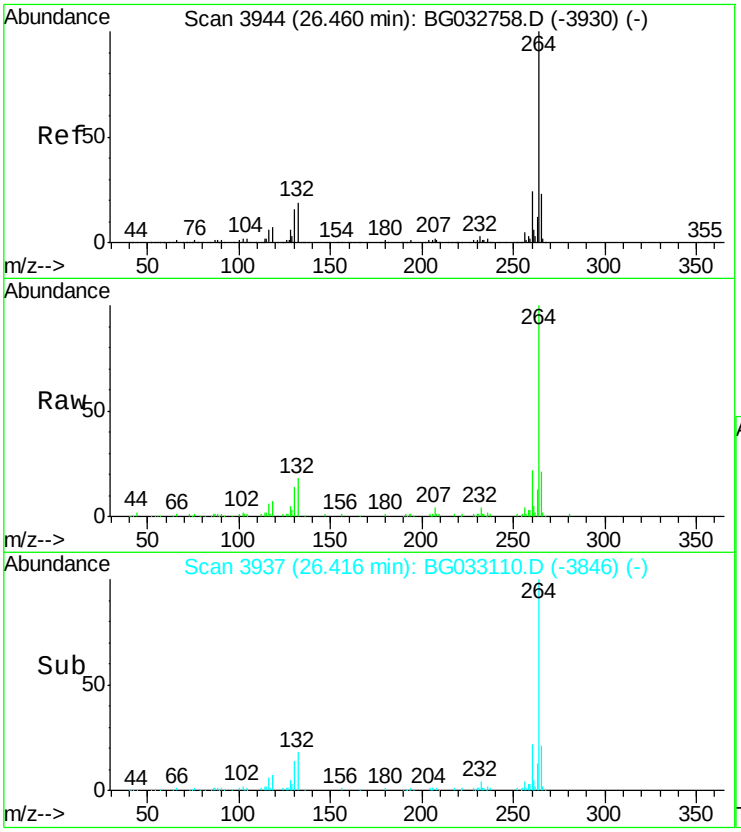


#78
Terphenyl-d14
Concen: 77.609 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Tgt Ion:244 Resp: 829662

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	11.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3937
Delta R.T. 0.01 min
Lab File: BG033110.D
Acq: 13 Mar 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB107261BL

Tgt Ion:264 Resp: 229784

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.4	17.7	26.5