Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031218\
Data File : BG033111.D
Acq On : 13 Mar 2018 5:23
Operator : SJ/JU
Sample : PB107261TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107261TB

Quant Time: Mar 13 08:42:39 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	42425	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	180119	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	101287	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	241545	20.00	ng	0.00
75) Chrysene-d12	22.61	240	235203	20.00	ng	0.00
86) Perylene-d12	26.41	264	232735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	290490	109.54	ng	0.00
7) Phenol-d6	8.01	99	385029	104.17	ng	0.00
23) Nitrobenzene-d5	10.11	82	229872	88.15	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	135149	126.90	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	517740	73.72	ng	0.00
78) Terphenyl-d14	20.77	244	850790	81.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	30623	11.735	ng	# 85
24) Nitrobenzene	10.12	77	598	6.561	ng	# 42
47) 2-Nitroaniline	14.16	65	930	10.279	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	12855	16.255	ng	# 22
56) 2,4-Dinitrotoluene	15.52	165	12855	14.452	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	274	5.431	ng	# 36
66) 4-Bromophenyl-phenylether	16.99	248	9279	3.633	ng	# 1

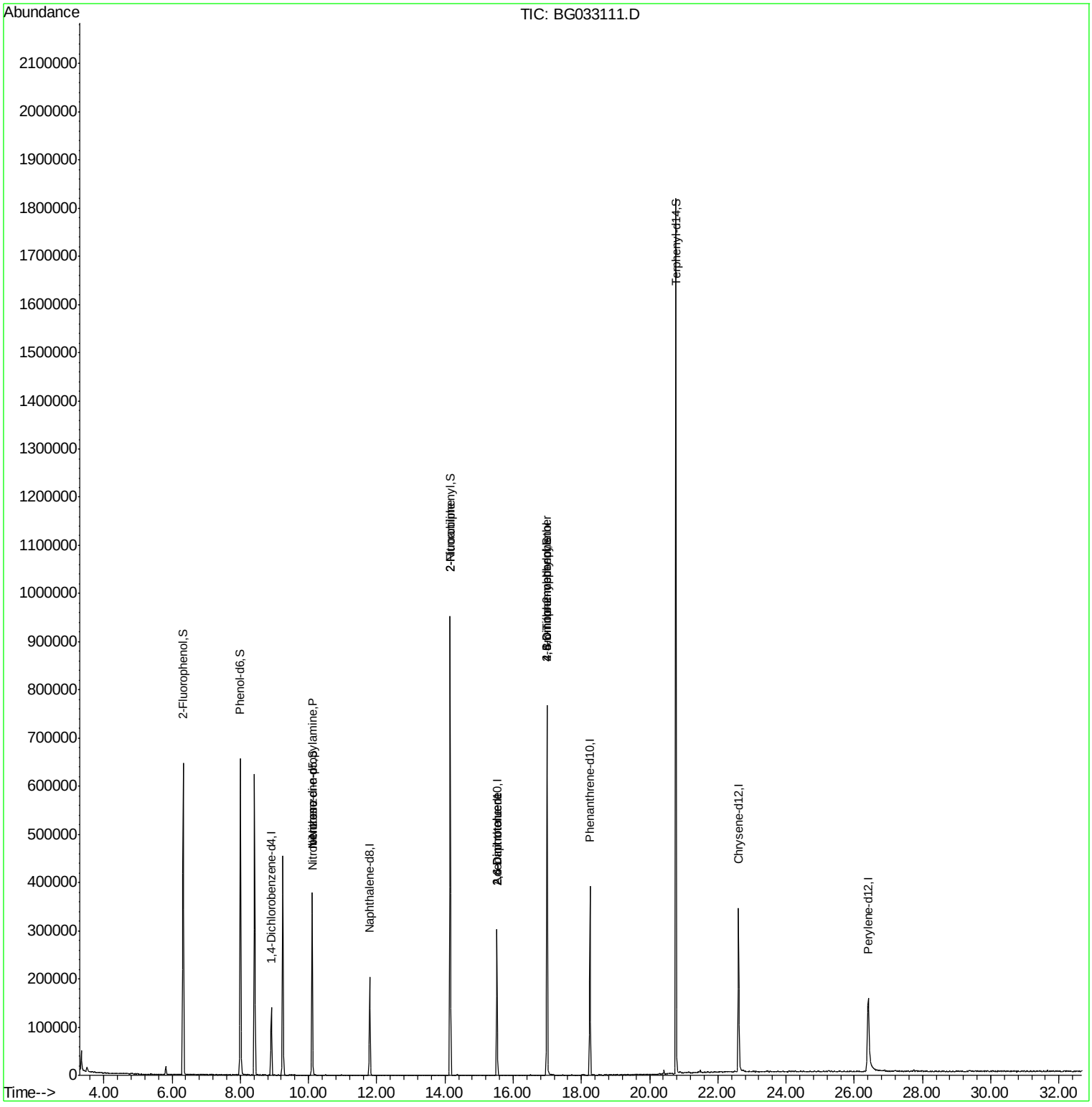
(#) = qualifier out of range (m) = manual integration (+) = signals summed

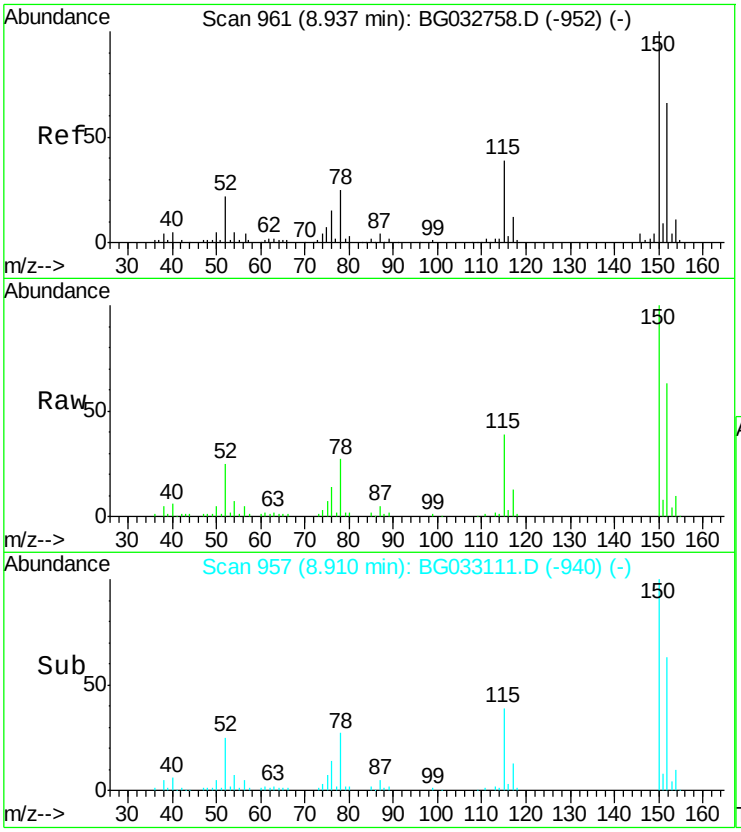
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031218\
Data File : BG033111.D
Acq On : 13 Mar 2018 5:23
Operator : SJ/JU
Sample : PB107261TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Quant Time: Mar 13 08:42:39 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



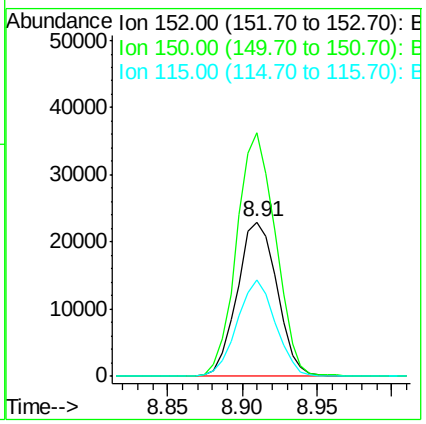


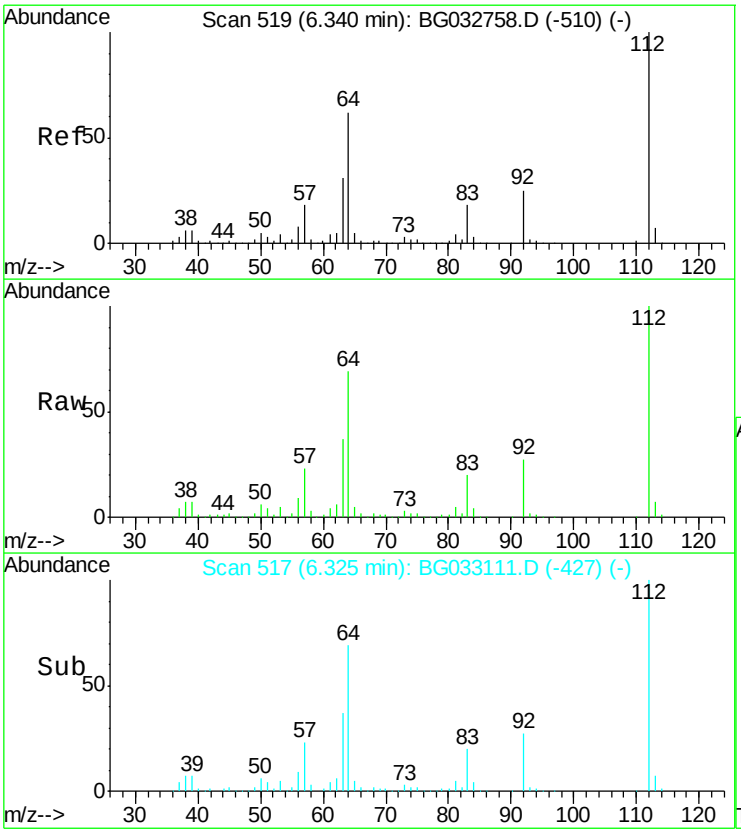
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:152 Resp: 42425

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	62.1	53.0	79.4

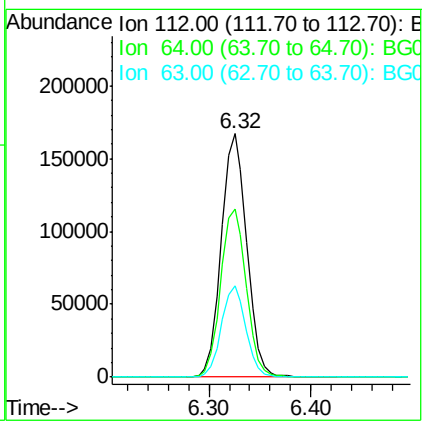


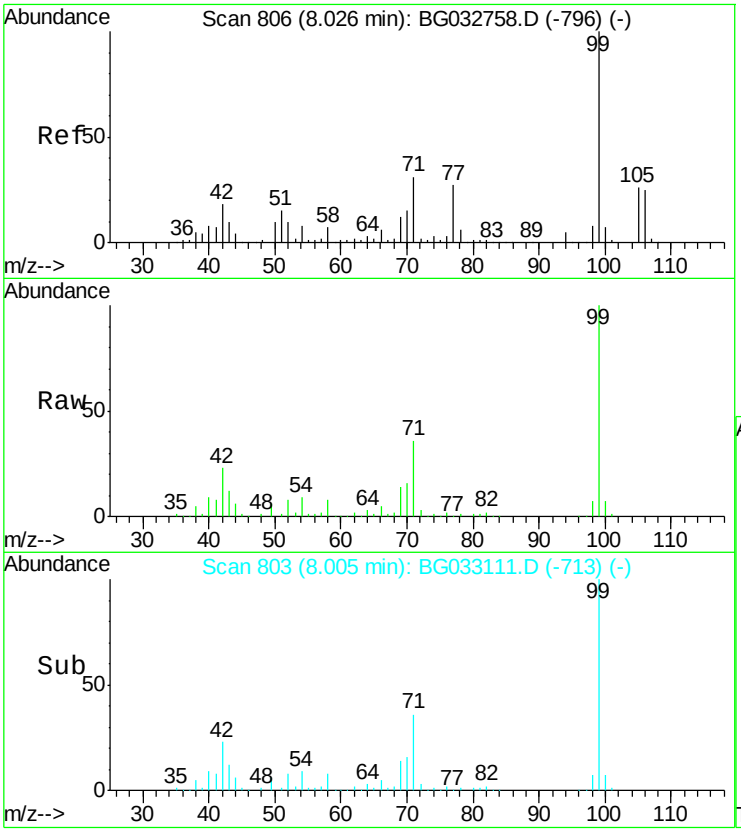


#5
2-Fluorophenol
Concen: 109.544 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:112 Resp: 290490

Ion	Ratio	Lower	Upper
112	100		
64	68.8	56.3	84.5
63	37.3	30.1	45.1



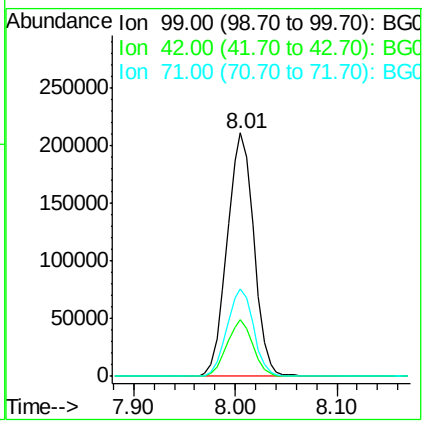


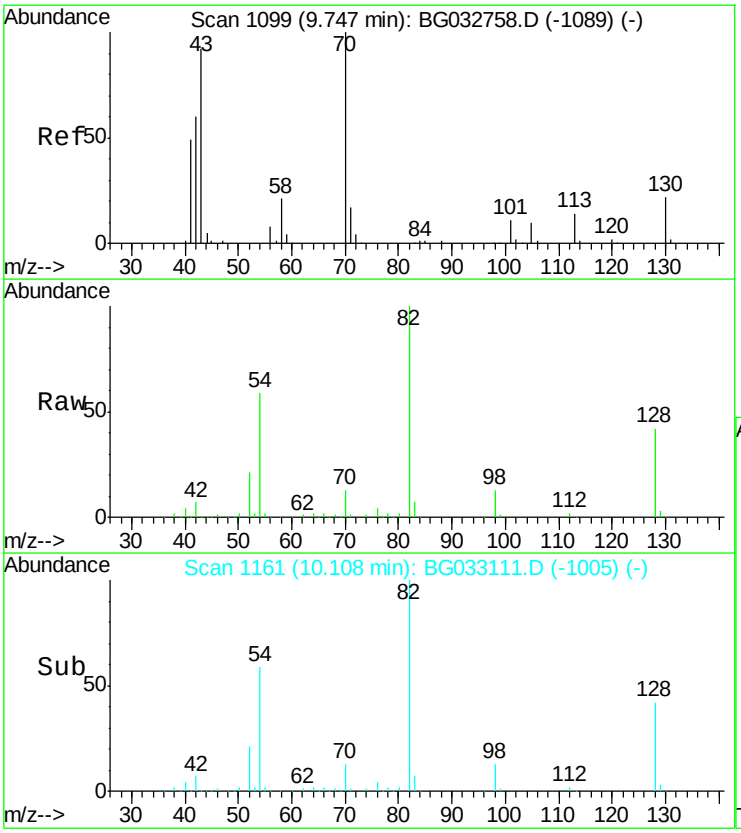
#7
Phenol-d6
Concen: 104.168 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion: 99 Resp: 385029

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.1	21.1#
71	35.7	26.1	39.1

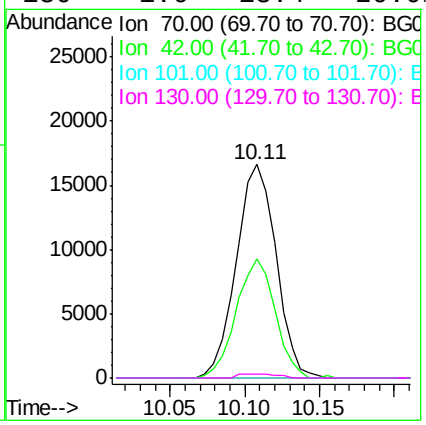


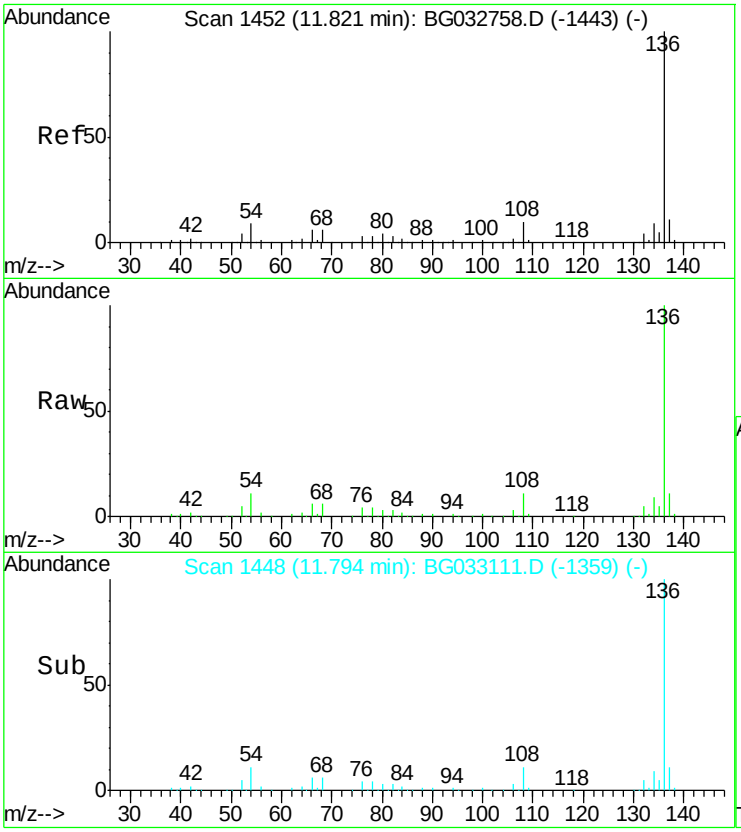


#19
n-Nitroso-di-n-propylamine
Concen: 11.735 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion: 70 Resp: 30623

Ion	Ratio	Lower	Upper
70	100		
42	55.7	49.1	73.7
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



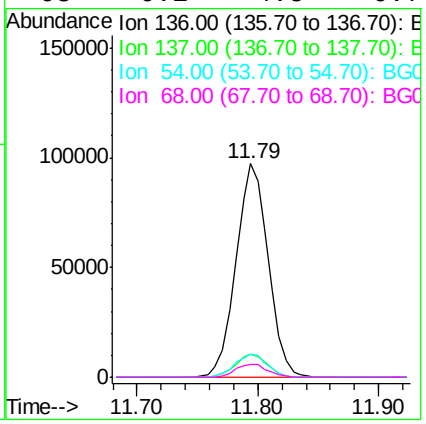


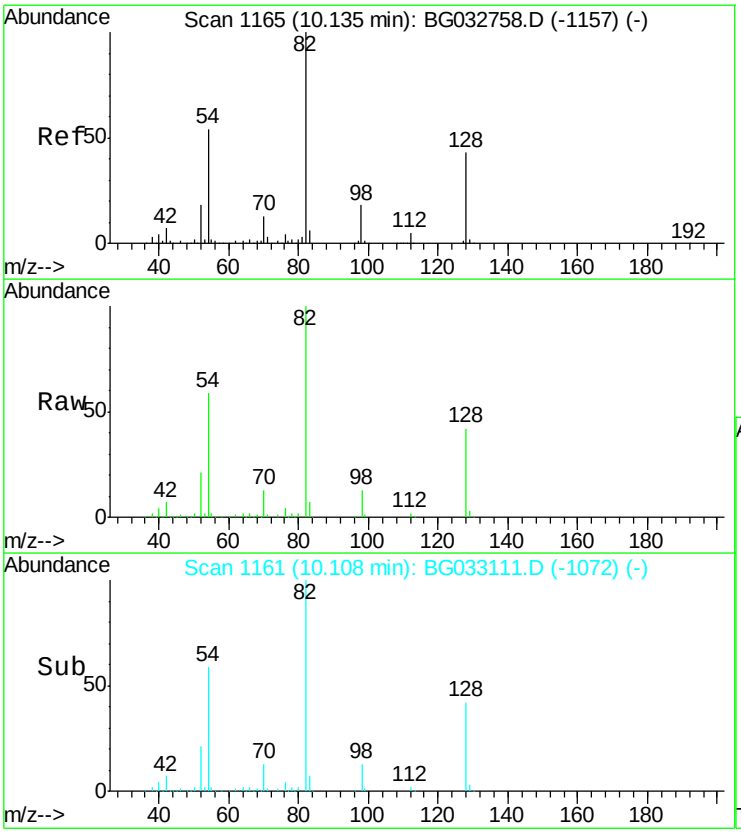
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:136 Resp: 180119

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.8	10.3	15.5
68	6.2	4.5	6.7

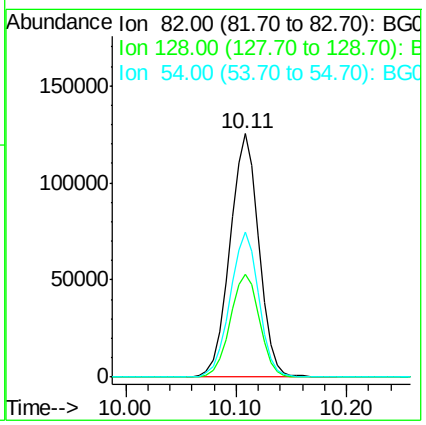


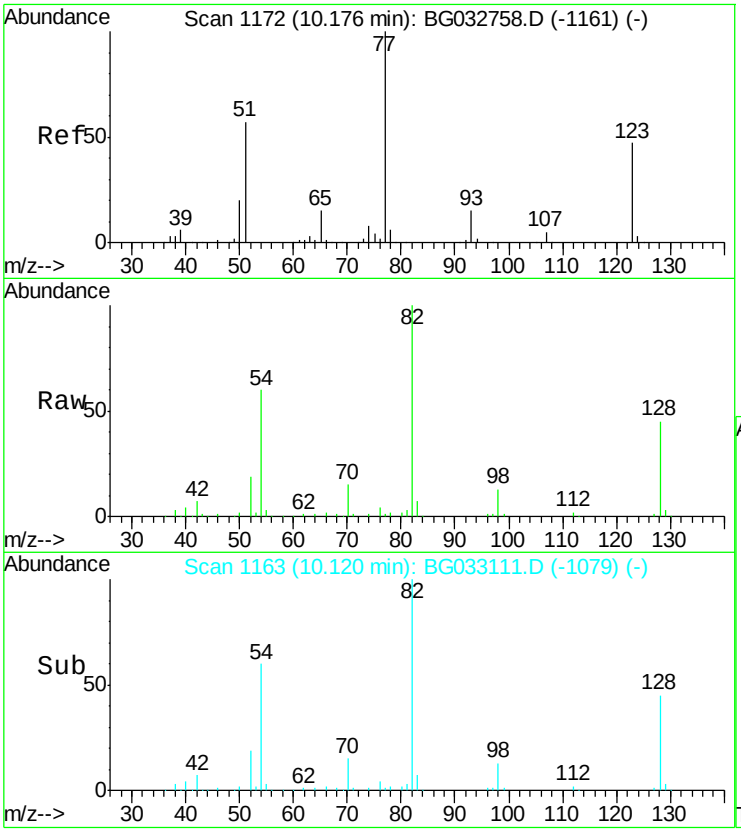


#23
Nitrobenzene-d5
Concen: 88.148 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion: 82 Resp: 229872

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	59.4	43.1	64.7



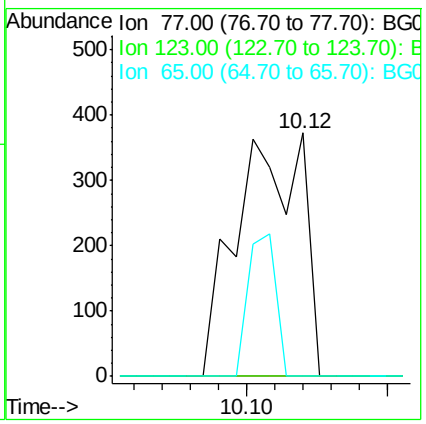


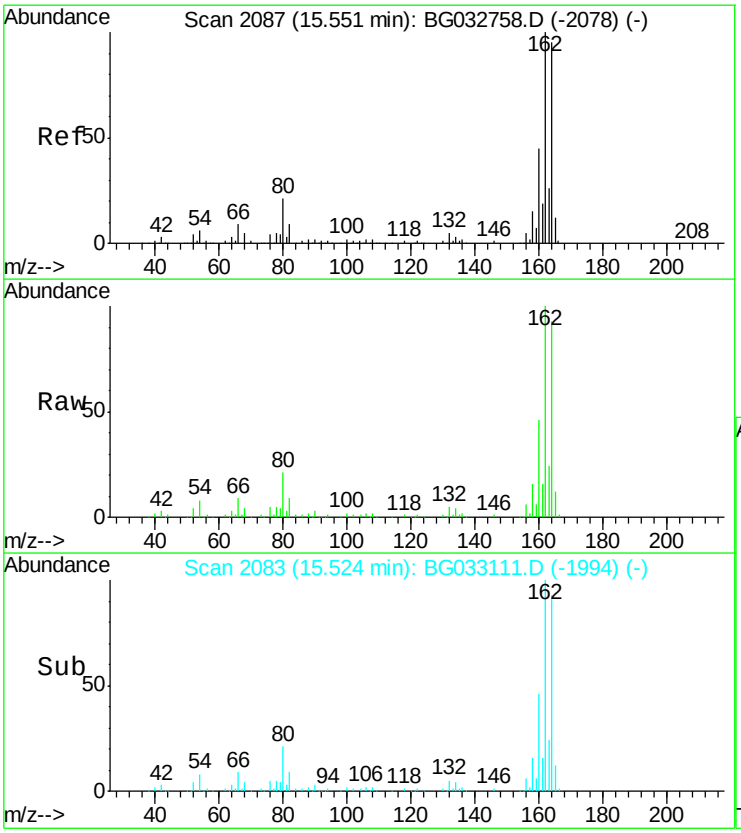
#24
Nitrobenzene
Concen: 6.561 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion: 77 Resp: 598

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

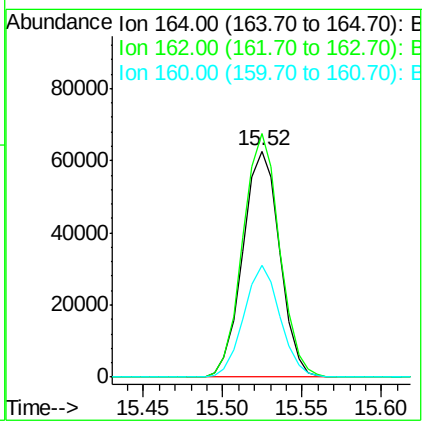


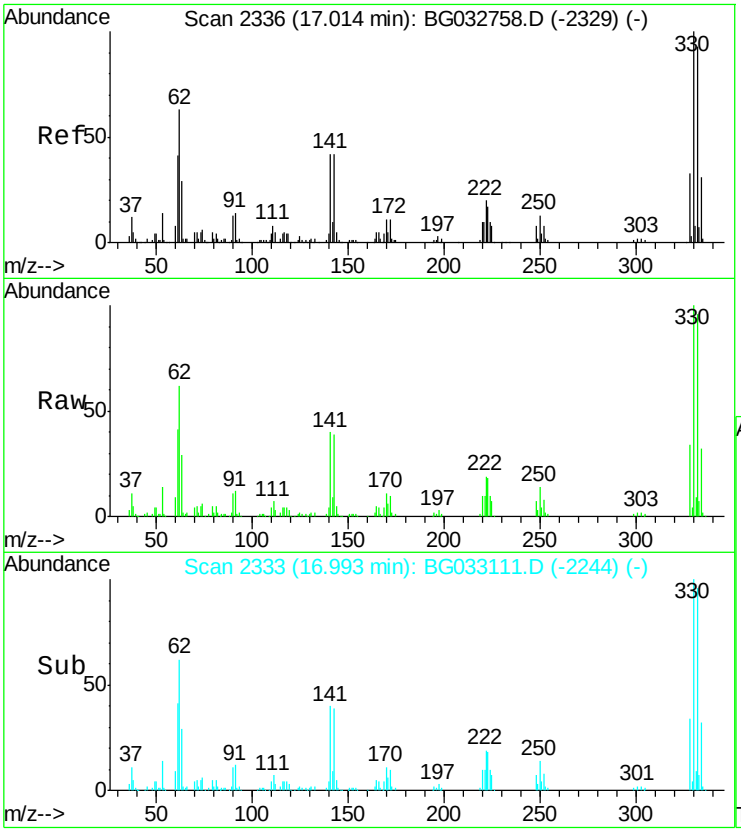


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:164 Resp: 101287

Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.8	118.2
160	49.4	35.4	53.0



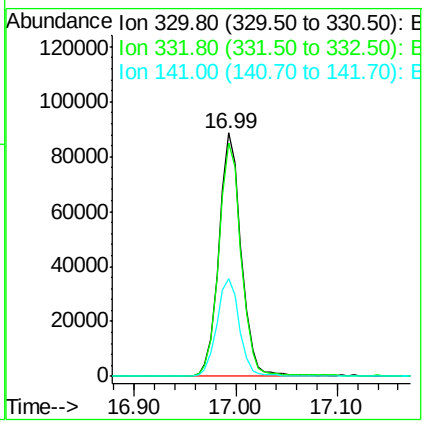


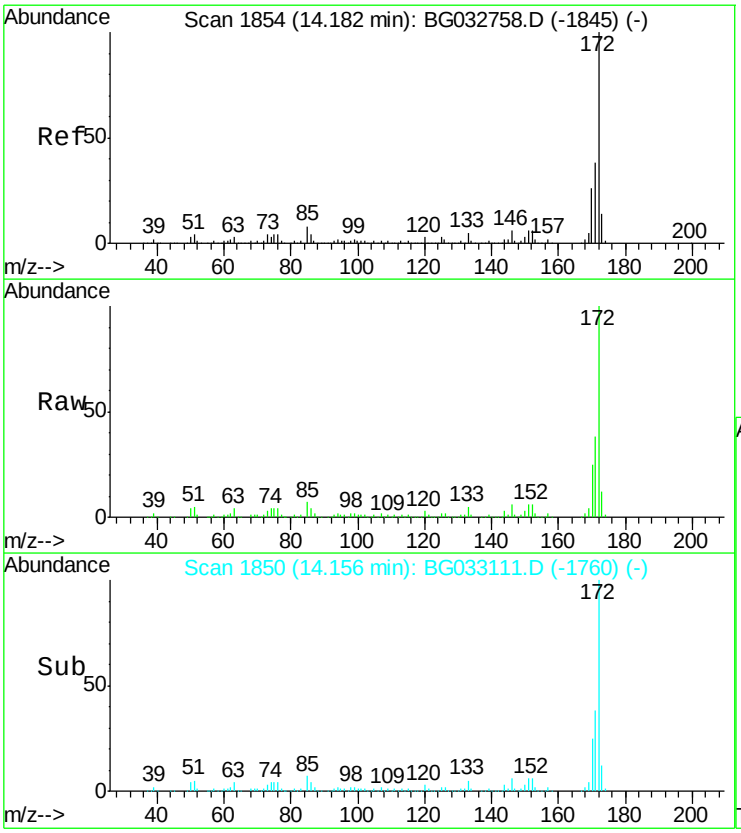
#41
2,4,6-Tribromophenol
Concen: 126.901 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:330 Resp: 135149

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	40.8	25.2	37.8#

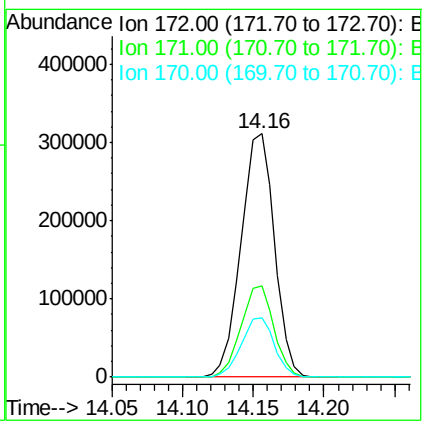


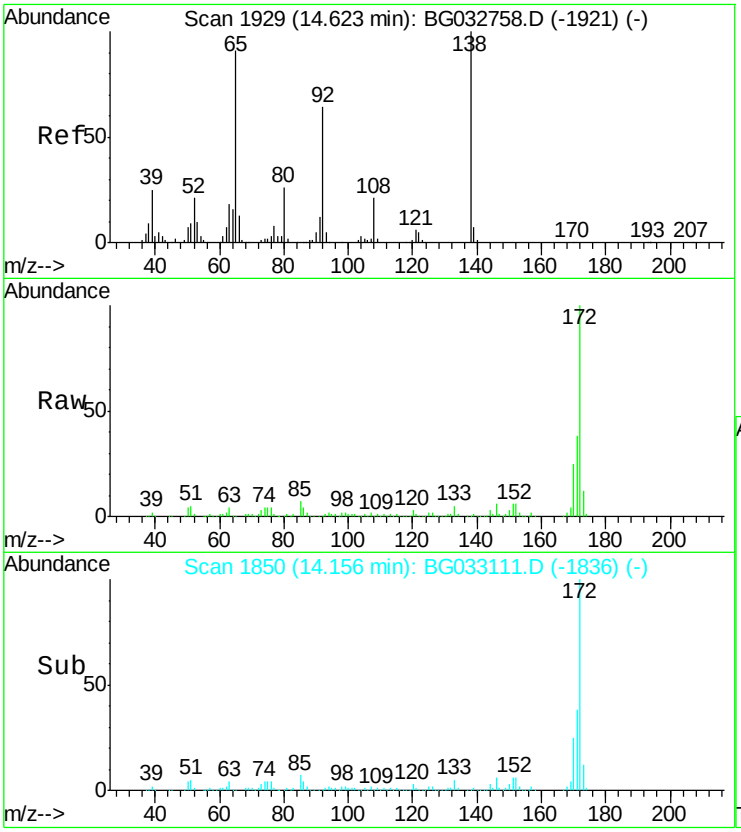


#44
2-Fluorobiphenyl
Concen: 73.722 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:172 Resp: 517740

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.5	19.5	29.3



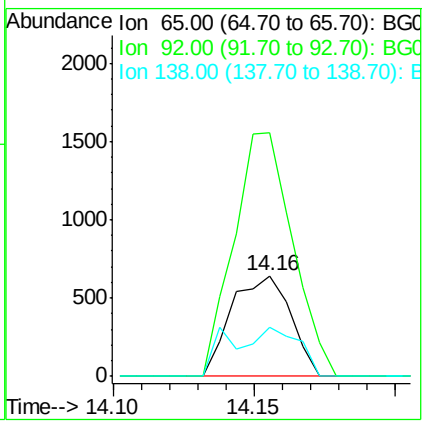


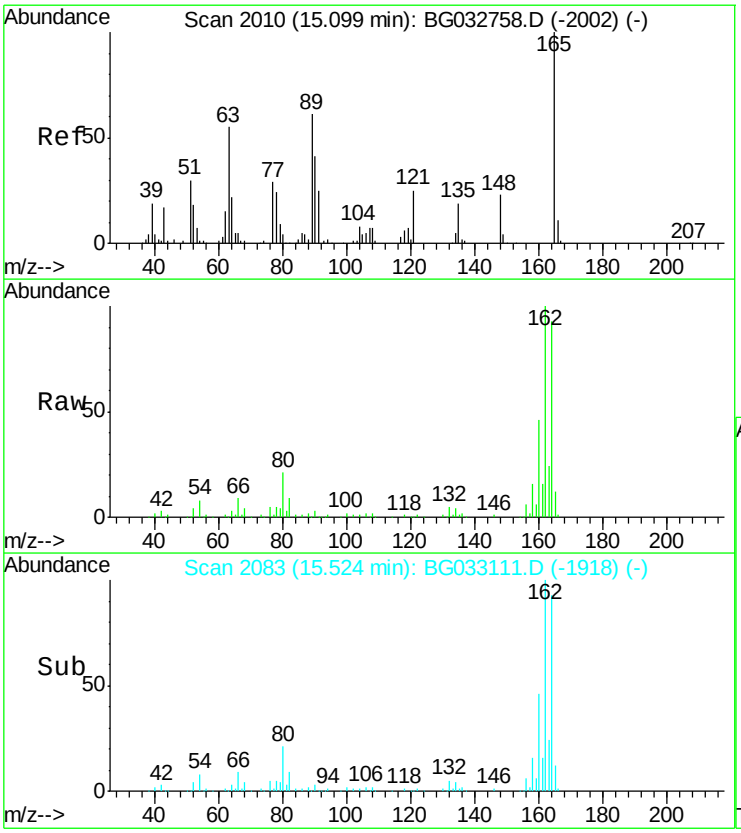
#47
2-Nitroaniline
Concen: 10.279 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion: 65 Resp: 930

Ion	Ratio	Lower	Upper
65	100		
92	242.7	54.6	82.0#
138	48.8	72.9	109.3#

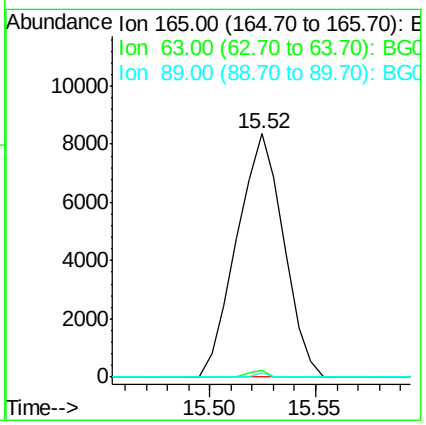


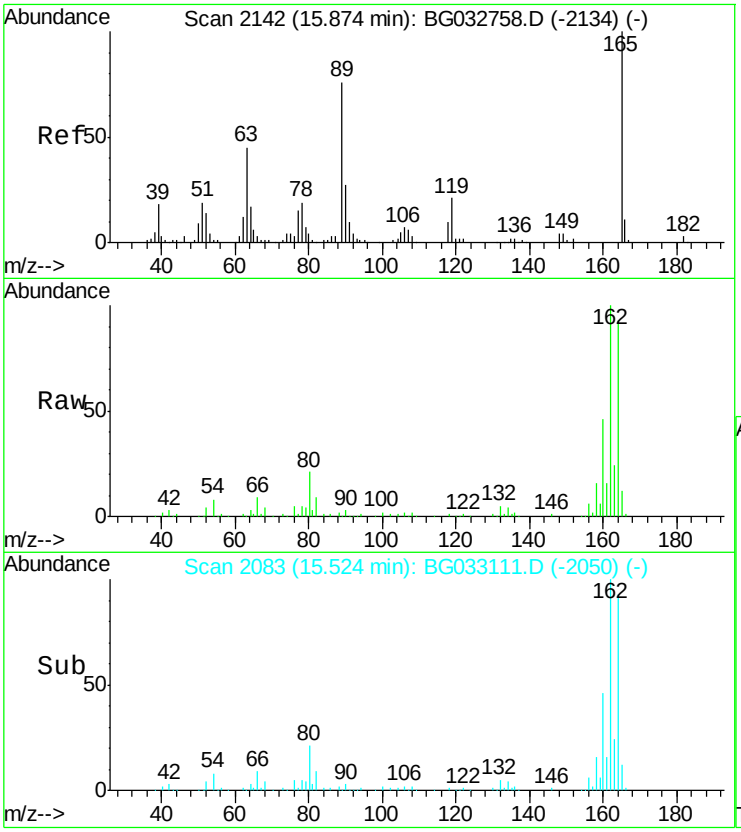


#50
2,6-Dinitrotoluene
Concen: 16.255 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:165 Resp: 12855

Ion	Ratio	Lower	Upper
165	100		
63	3.0	52.7	79.1#
89	2.0	49.2	73.8#



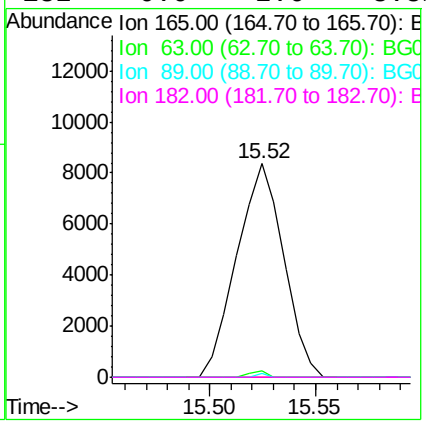


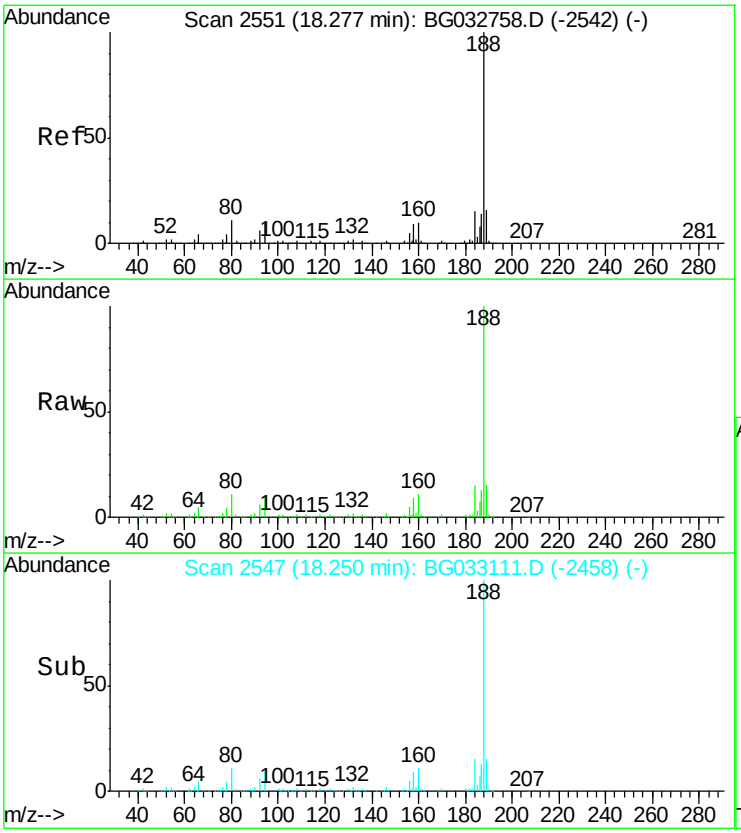
#56
2,4-Dinitrotoluene
Concen: 14.452 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:165 Resp: 12855

Ion	Ratio	Lower	Upper
165	100		
63	3.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

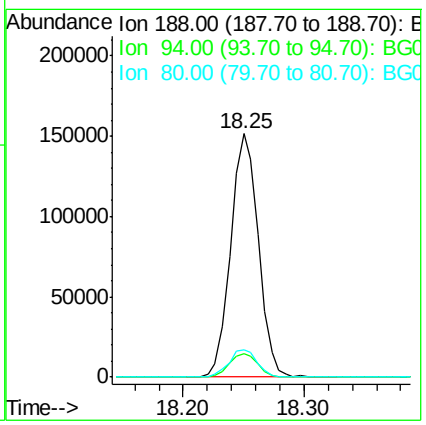


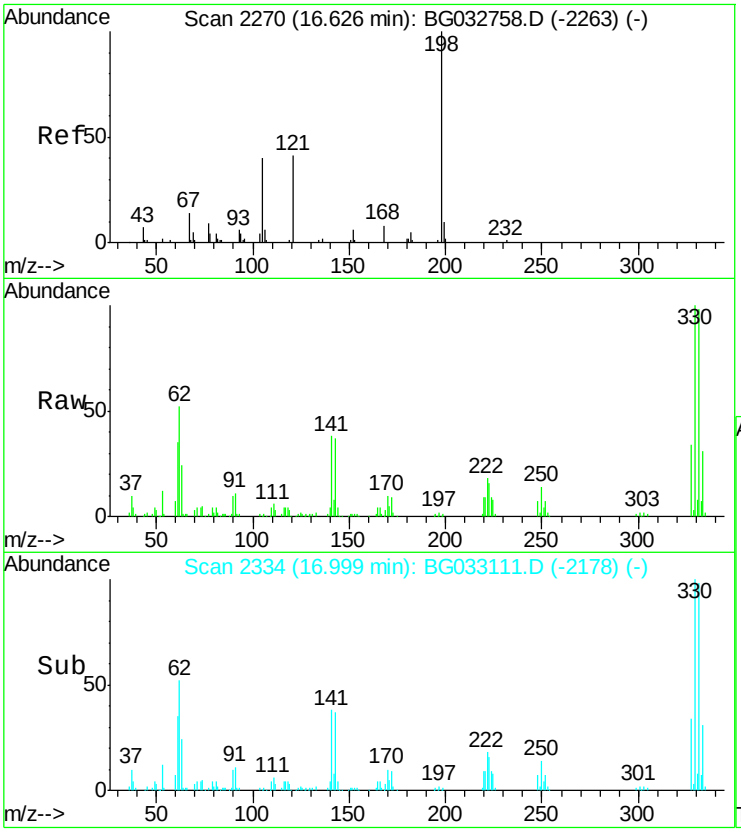


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:188 Resp: 241545

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.9	10.3
80	11.2	7.7	11.5



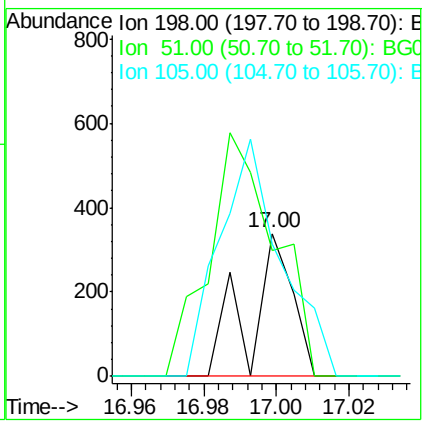


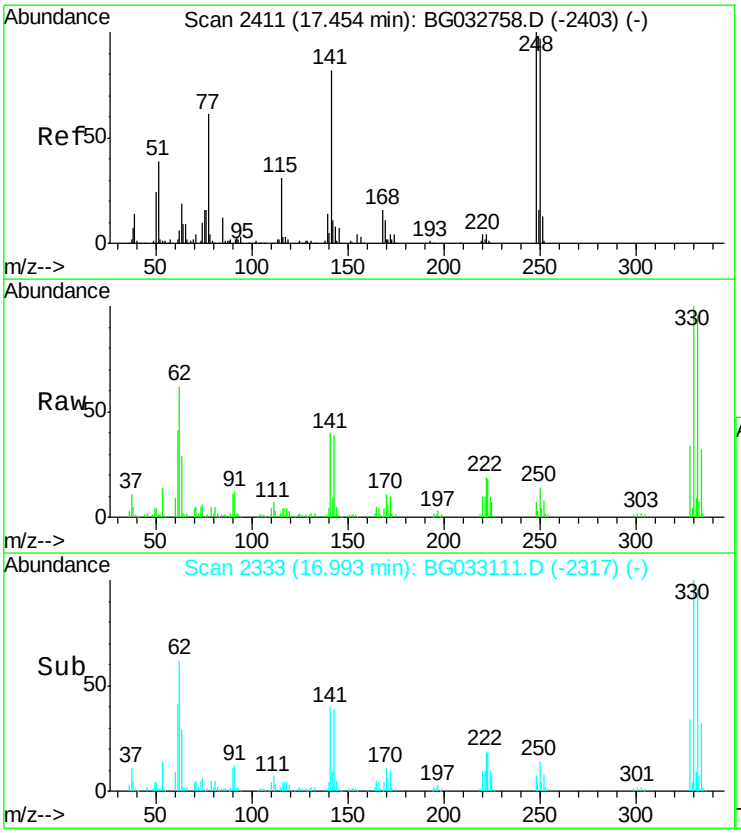
#64
4,6-Dinitro-2-methylphenol
Concen: 5.431 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.39 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:198 Resp: 274

Ion	Ratio	Lower	Upper
198	100		
51	88.5	30.6	70.6#
105	92.6	23.8	63.8#

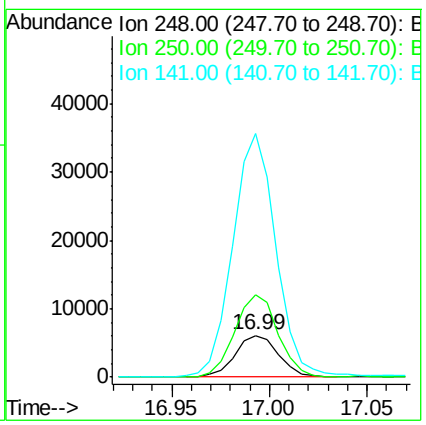


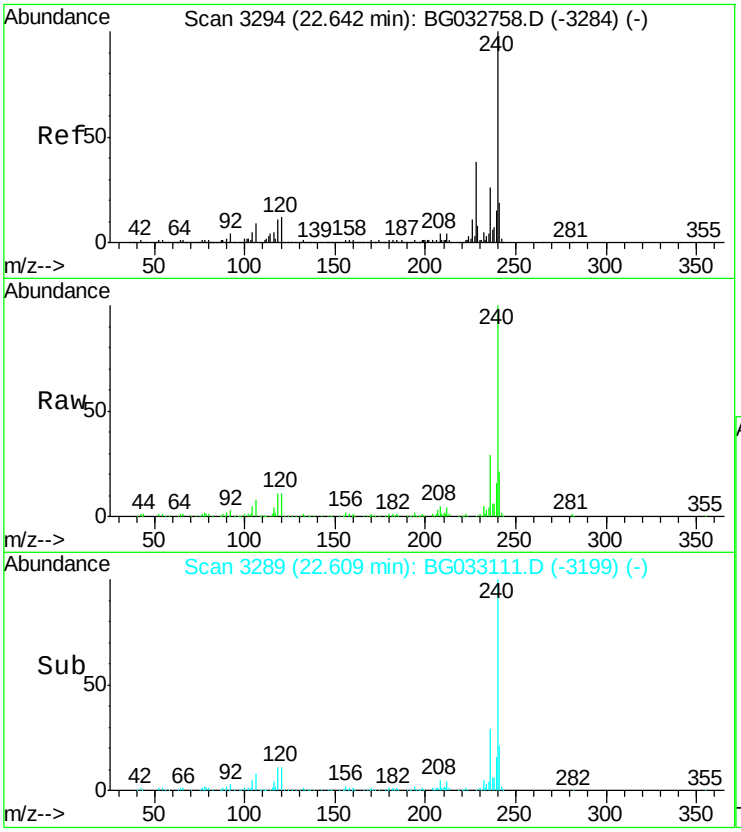


#66
4-Bromophenyl-phenylether
Concen: 3.633 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:248 Resp: 9279

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.1	115.7#
141	584.0	50.8	76.2#



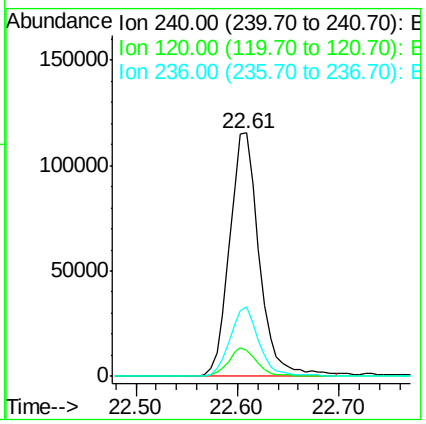


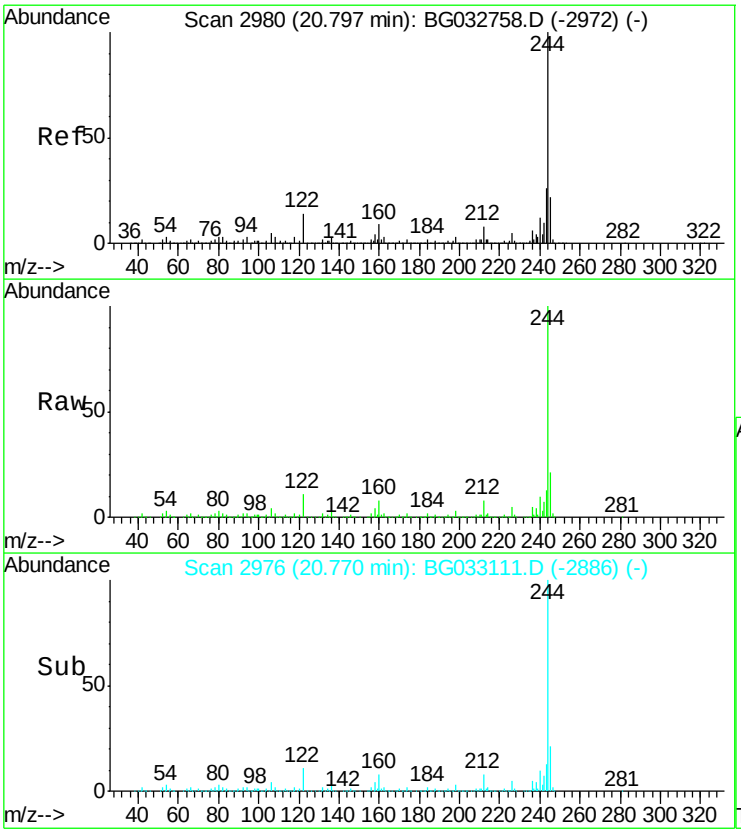
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:240 Resp: 235203

Ion	Ratio	Lower	Upper
240	100		
120	10.6	6.8	10.2#
236	28.6	20.9	31.3

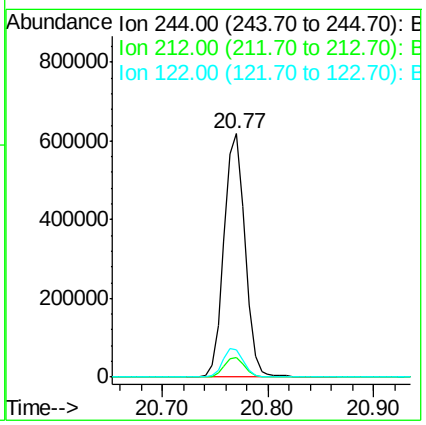


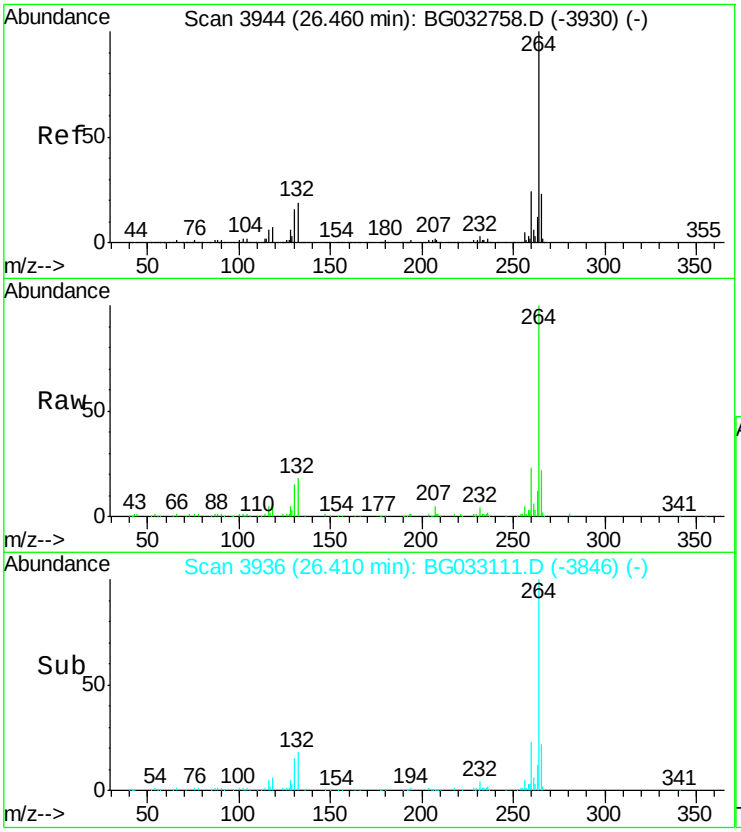


#78
Terphenyl-d14
Concen: 81.270 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Tgt Ion:244 Resp: 850790

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	11.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033111.D
Acq: 13 Mar 2018 5:23

Instrument :
BNA_G
ClientSampleId :
PB107261TB

Tgt Ion:264 Resp: 232735

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.9	17.7	26.5