Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033511.D
Acq On : 3 Apr 2018 6:01
Operator : SJ/JU
Sample : J2114-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 03 07:23:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30006	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	138476	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	113005	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316988	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325527	20.00	ng	-0.01
86) Perylene-d12	26.31	264	344840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	71196	44.49	ng	0.00
7) Phenol-d6	7.98	99	70946	25.80	ng	0.00
23) Nitrobenzene-d5	10.06	82	279635	92.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	148270	87.73	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	753016	96.20	ng	0.00
78) Terphenyl-d14	20.73	244	1300784	85.46	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	4461	2.061	ng	# 45
19) n-Nitroso-di-n-propylamine	10.06	70	38586	19.152	ng	# 78
49) Dimethylphthalate	14.90	163	26258	2.670	ng	# 93
50) 2,6-Dinitrotoluene	15.47	165	14529	7.225	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	14529	4.907	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	11687	3.139	ng	# 1
76) Benzidine	20.73	184	22186	2.513	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
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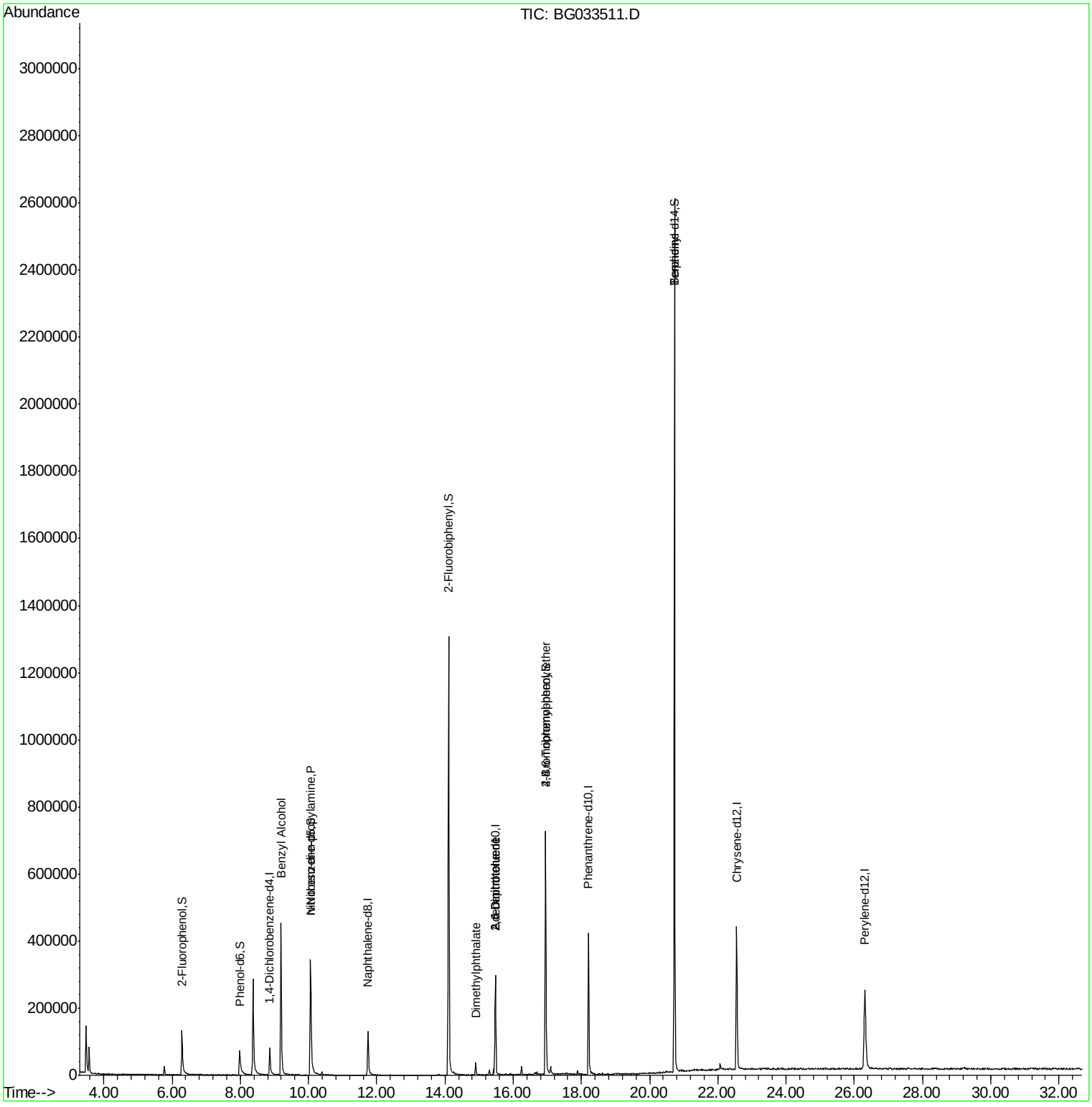
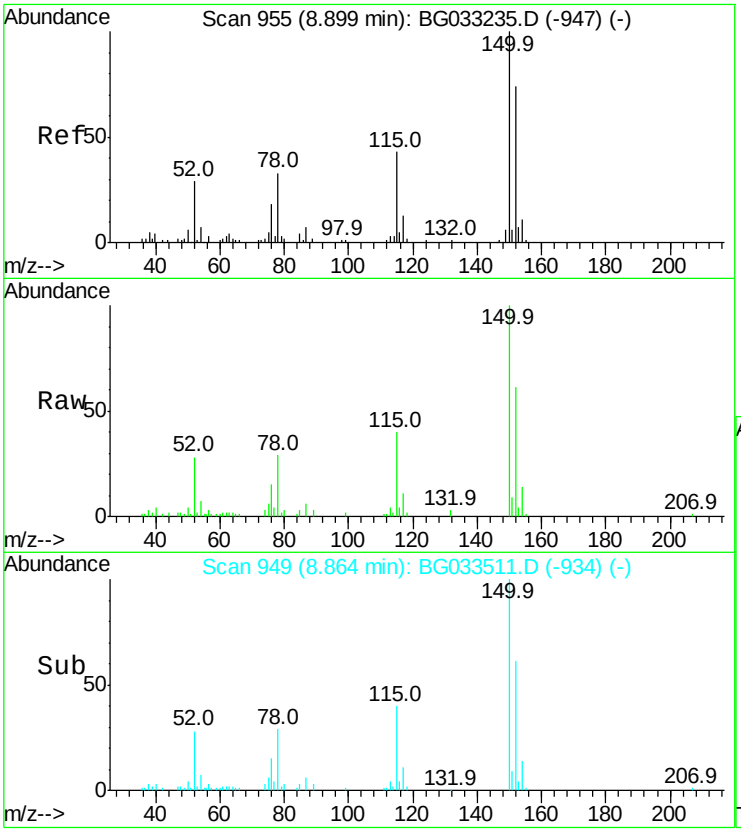


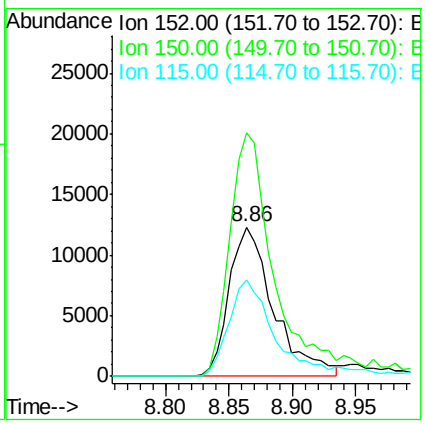


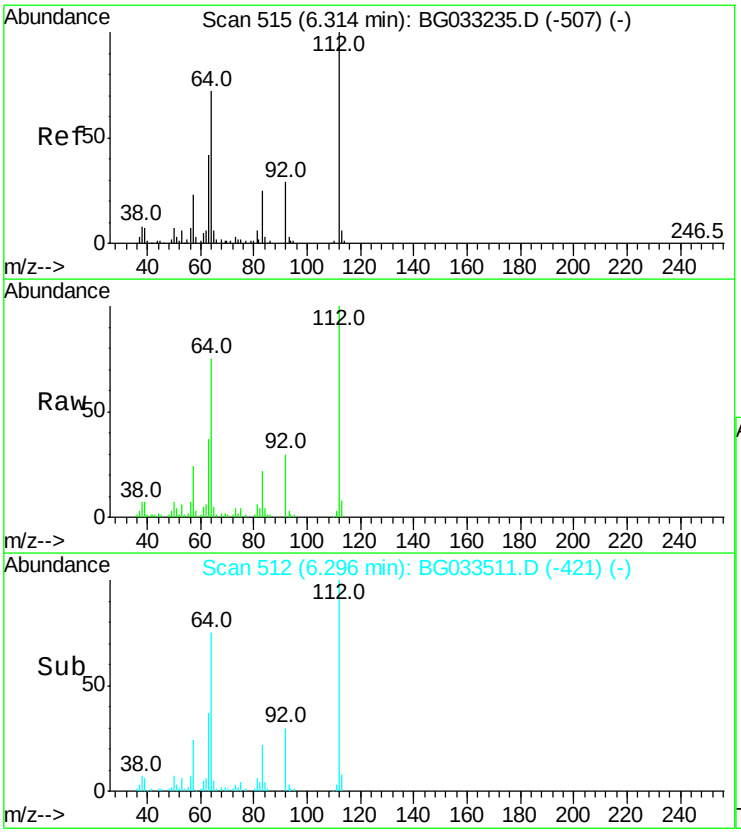
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30006

Ion	Ratio	Lower	Upper
152	100		
150	163.4	126.6	189.8
115	64.6	53.0	79.4

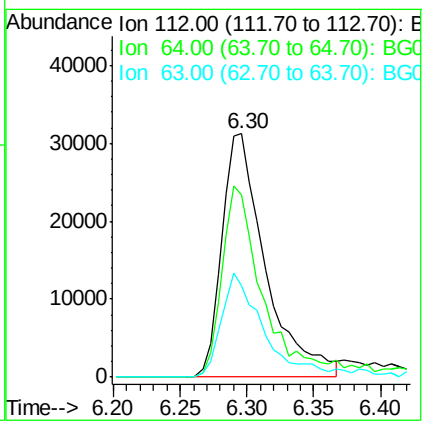


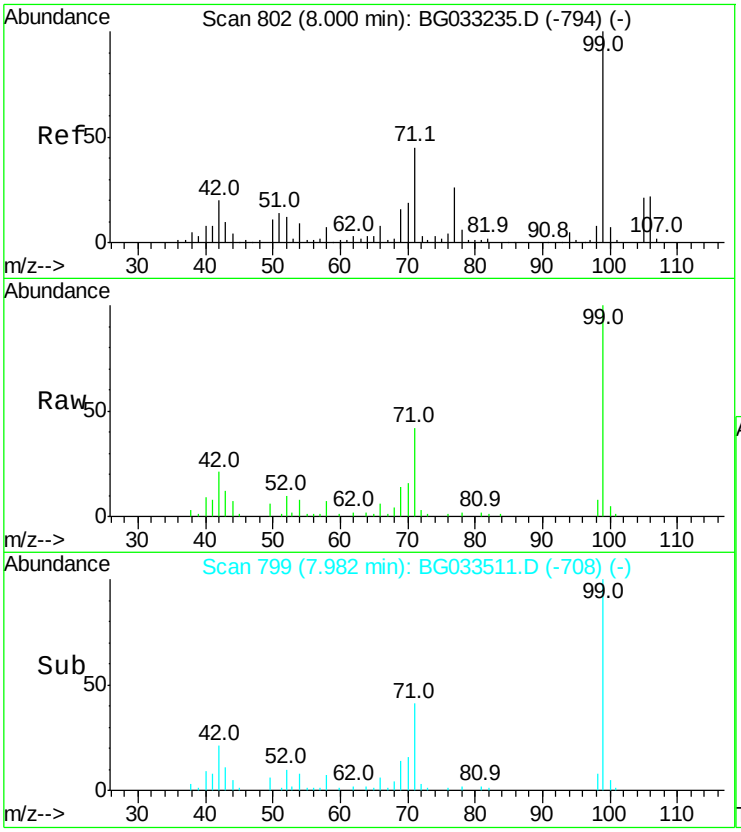


#5
2-Fluorophenol
Concen: 44.491 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:112 Resp: 71196

Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	37.3	30.1	45.1



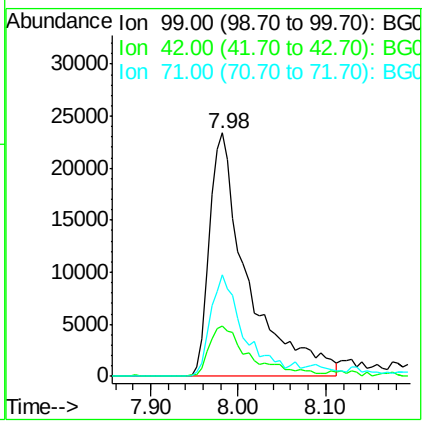


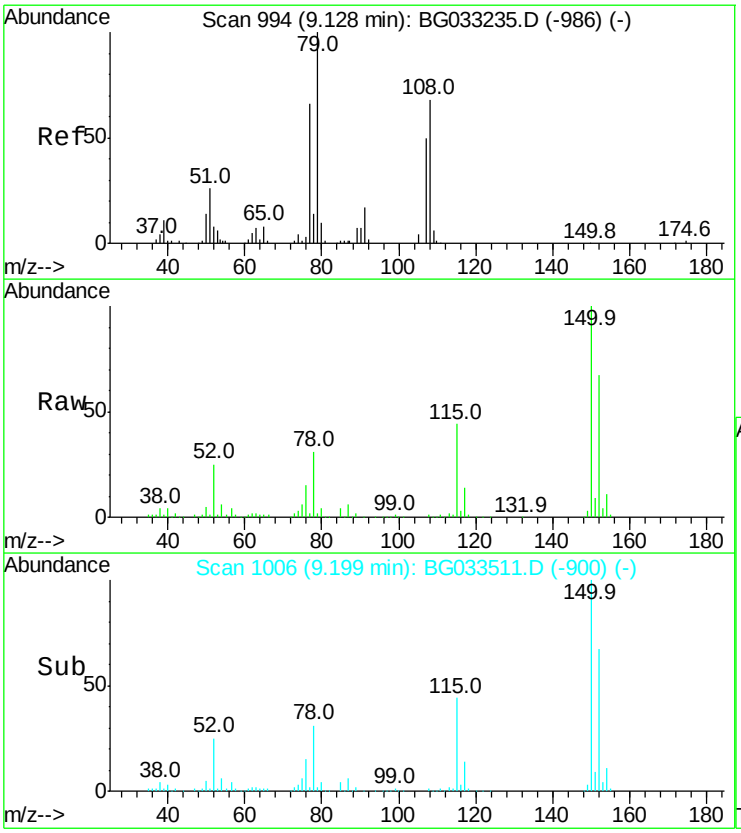
#7
Phenol-d6
Concen: 25.803 ng
RT: 7.98 min Scan# 799
Delta R.T. 0.00 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 70946

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	41.7	26.1	39.1#

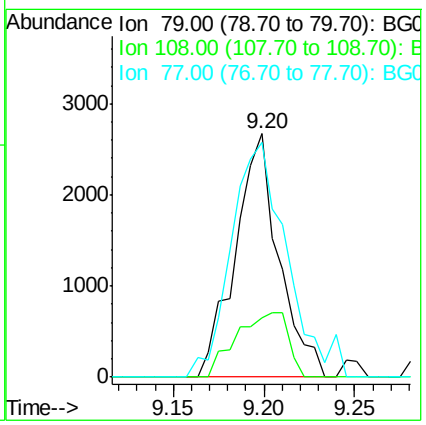


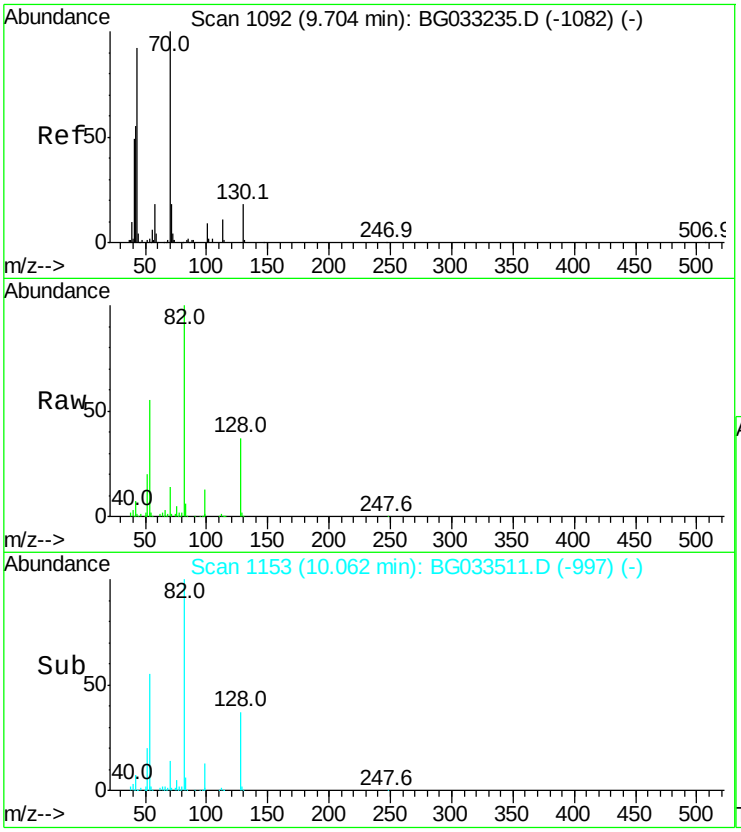


#15
Benzyl Alcohol
Concen: 2.061 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.09 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion: 79 Resp: 4461

Ion	Ratio	Lower	Upper
79	100		
108	24.3	57.2	85.8#
77	96.6	46.1	69.1#



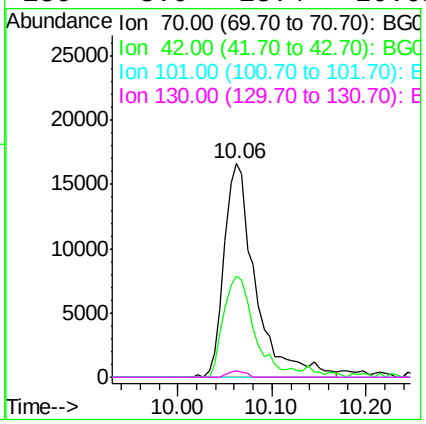


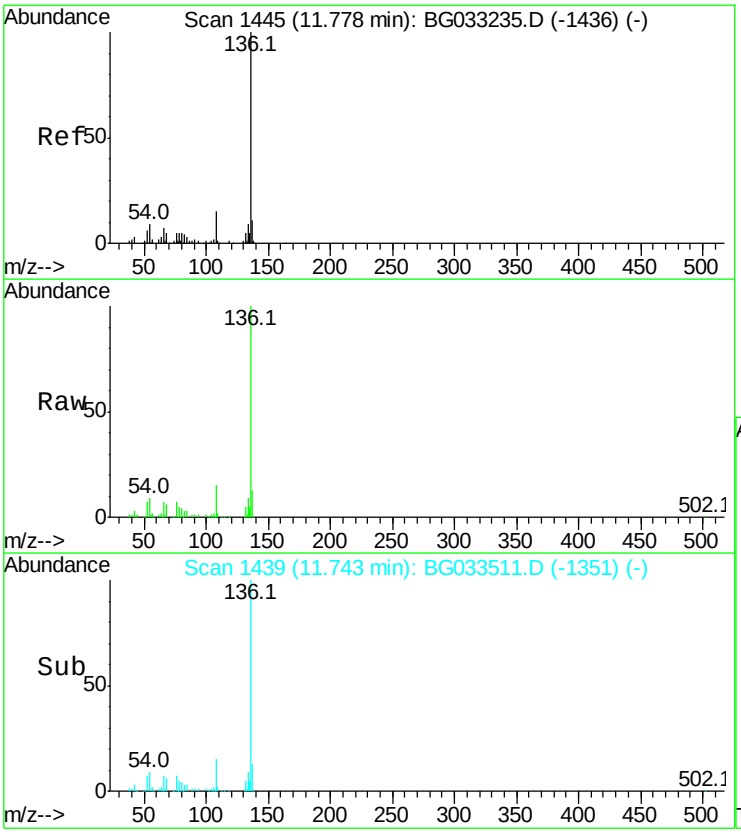
#19
n-Nitroso-di-n-propylamine
Concen: 19.152 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 38586

Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.1	73.7#
101	0.0	8.5	12.7#
130	3.0	13.4	20.0#

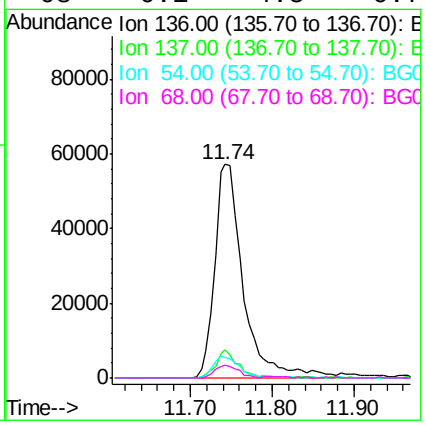


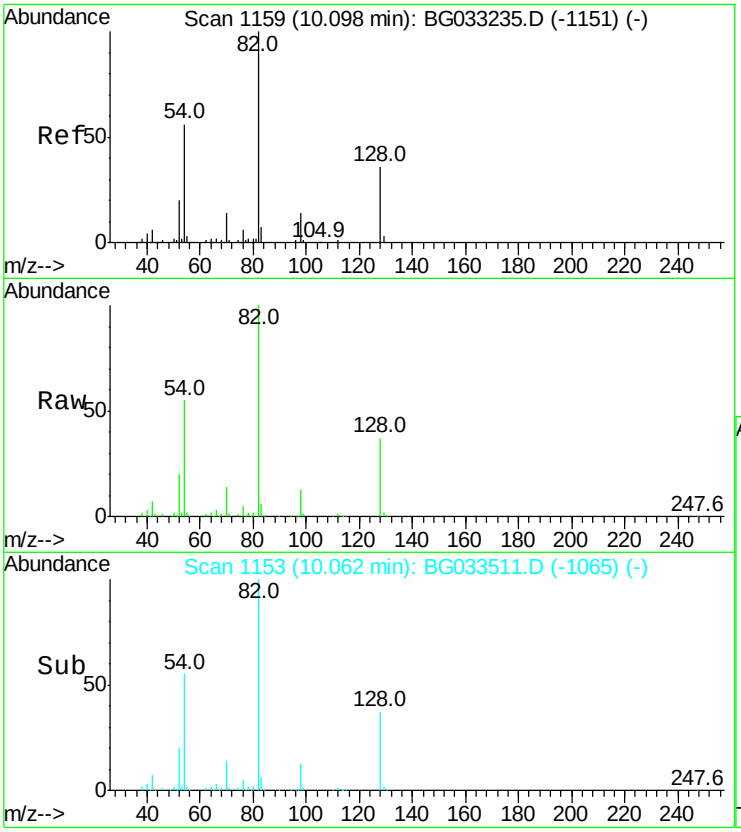


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:136 Resp: 138476

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	9.4	10.3	15.5#
68	6.1	4.5	6.7



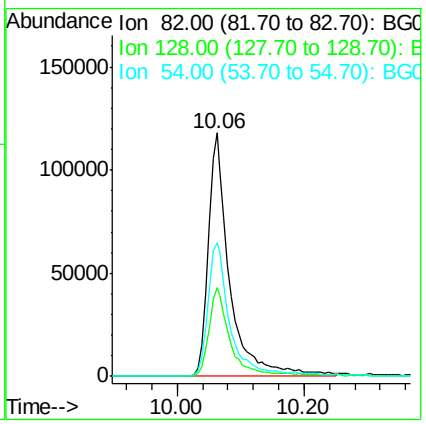


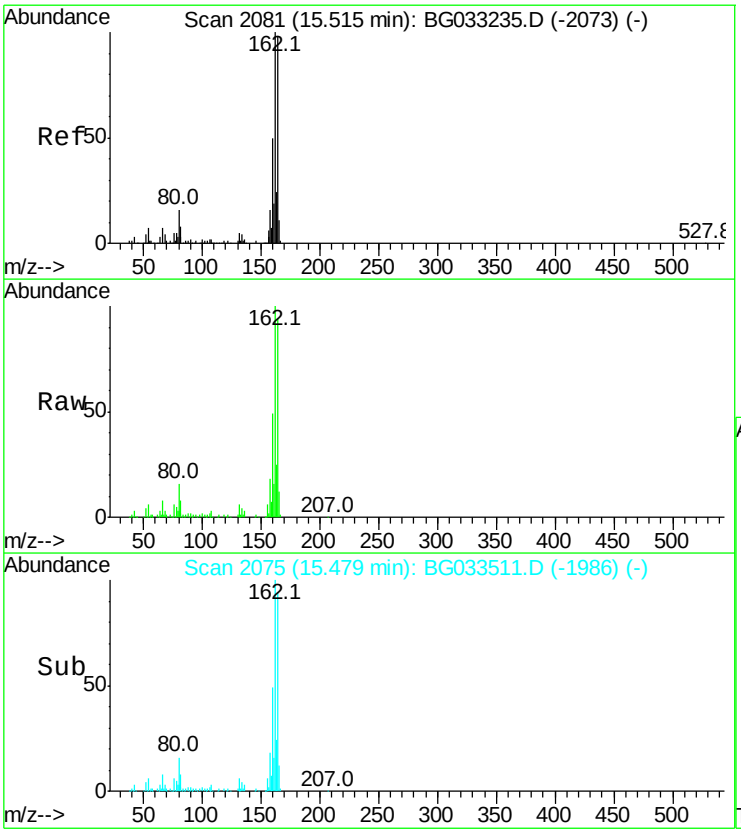
#23
Nitrobenzene-d5
Concen: 92.778 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 279635

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	55.1	43.1	64.7

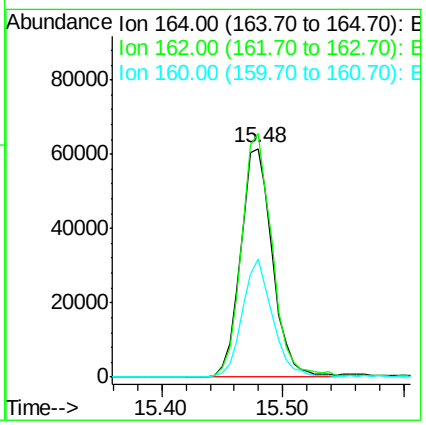


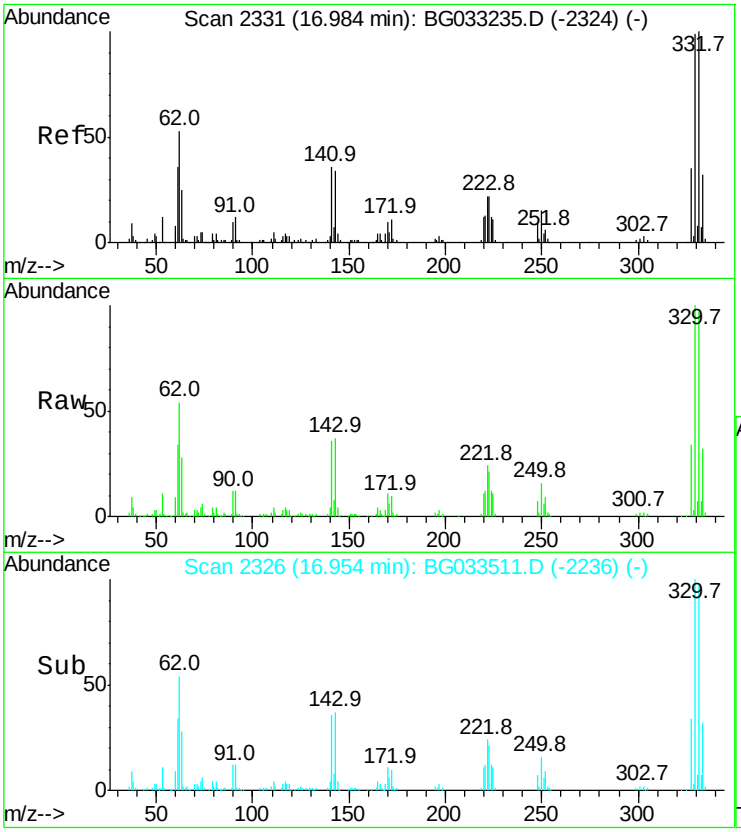


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:164 Resp: 113005

Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.8	118.2
160	51.7	35.4	53.0



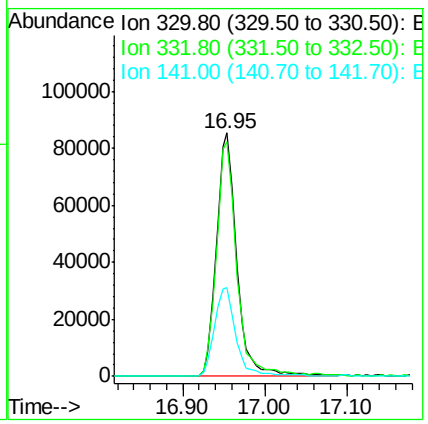


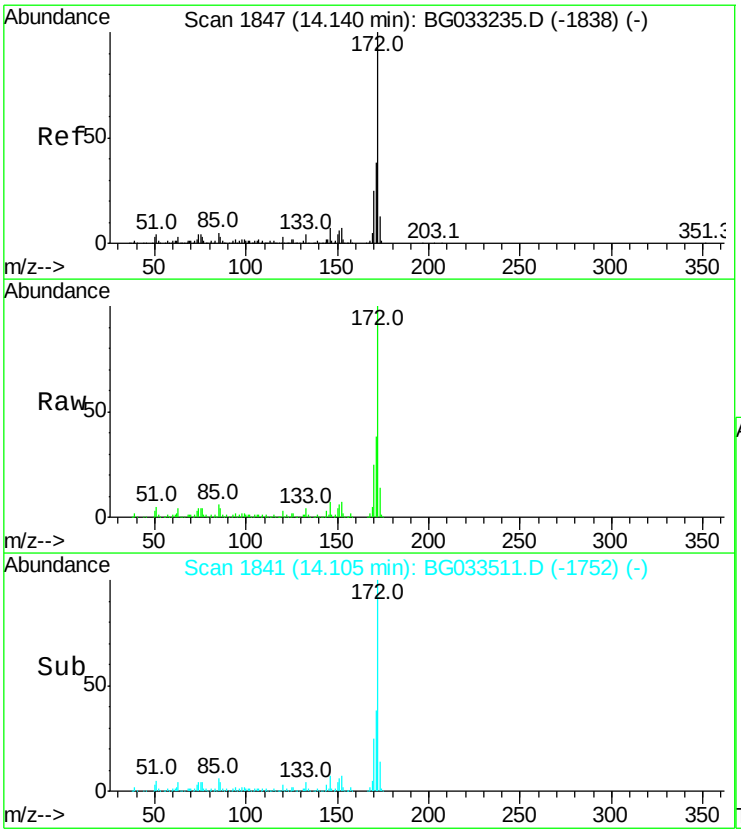
#41
2,4,6-Tribromophenol
Concen: 87.727 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 148270

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.9	25.2	37.8#

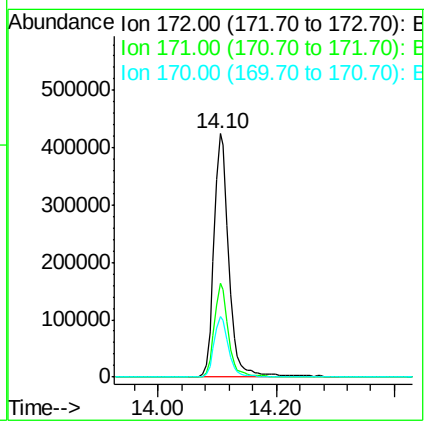


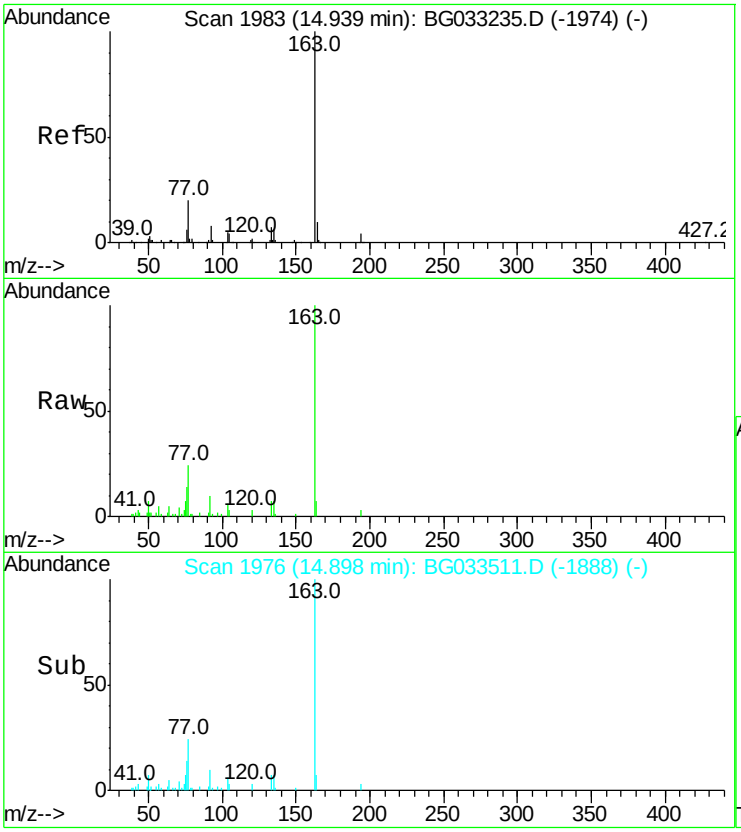


#44
2-Fluorobiphenyl
Concen: 96.198 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:172 Resp: 753016

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.7	19.5	29.3



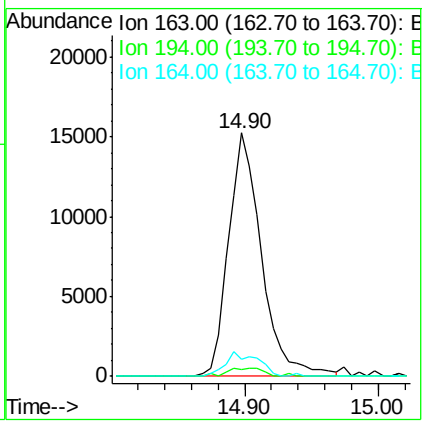


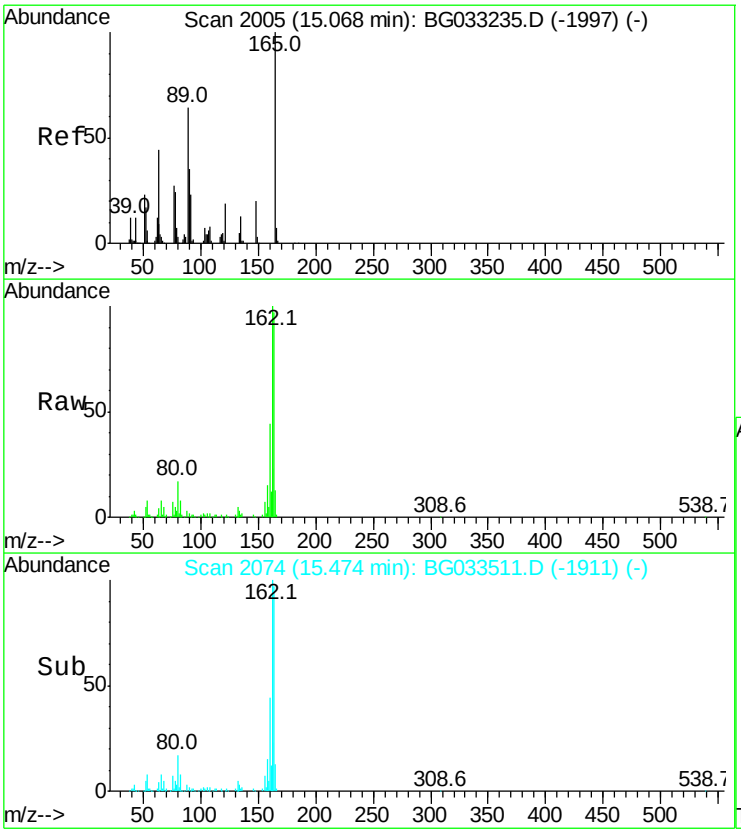
#49
Dimethylphthalate
Concen: 2.670 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 26258

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.4	5.2#
164	7.2	8.2	12.4#

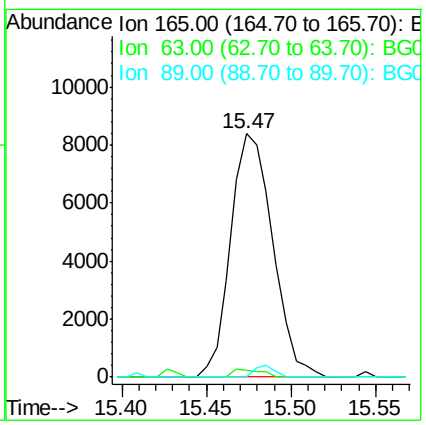


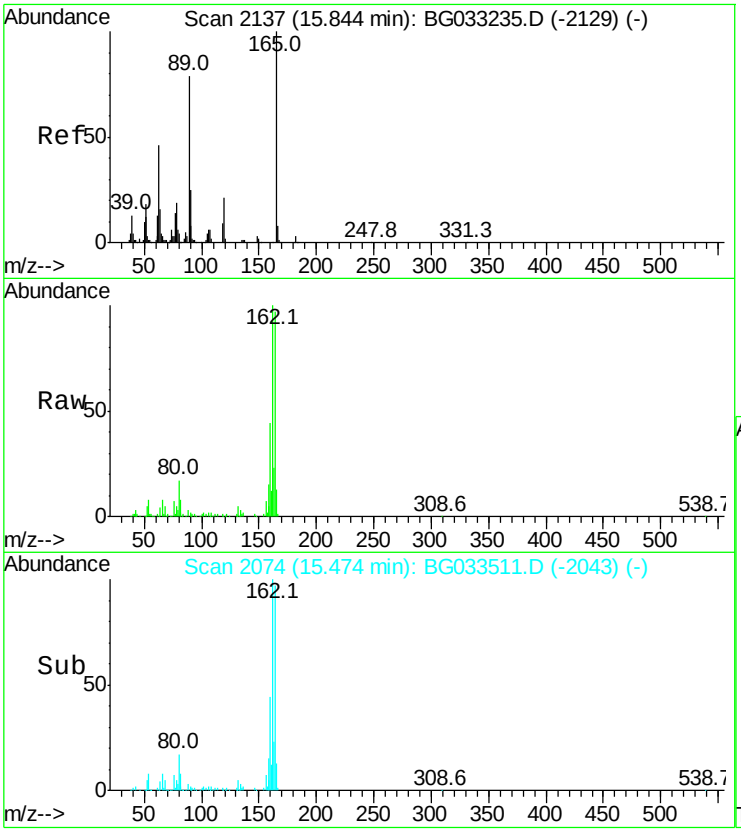


#50
2,6-Dinitrotoluene
Concen: 7.225 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:165 Resp: 14529

Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	0.0	49.2	73.8#



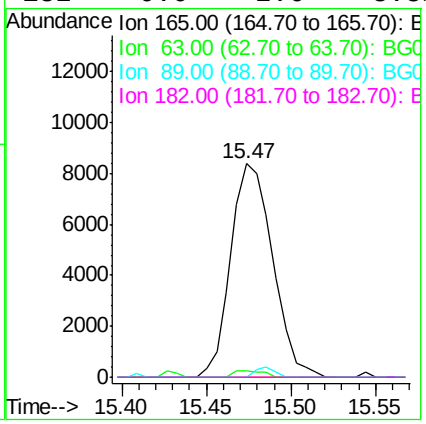


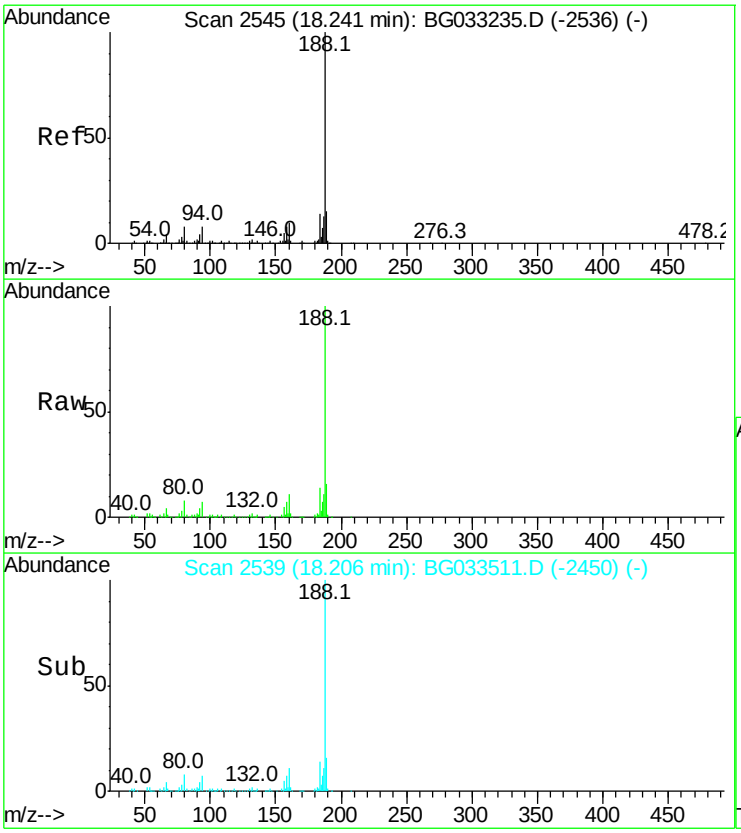
#56
2,4-Dinitrotoluene
Concen: 4.907 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.35 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14529

Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

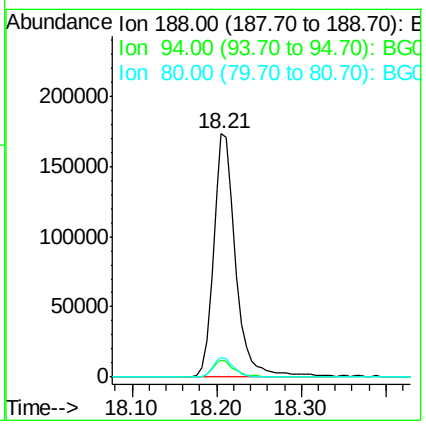


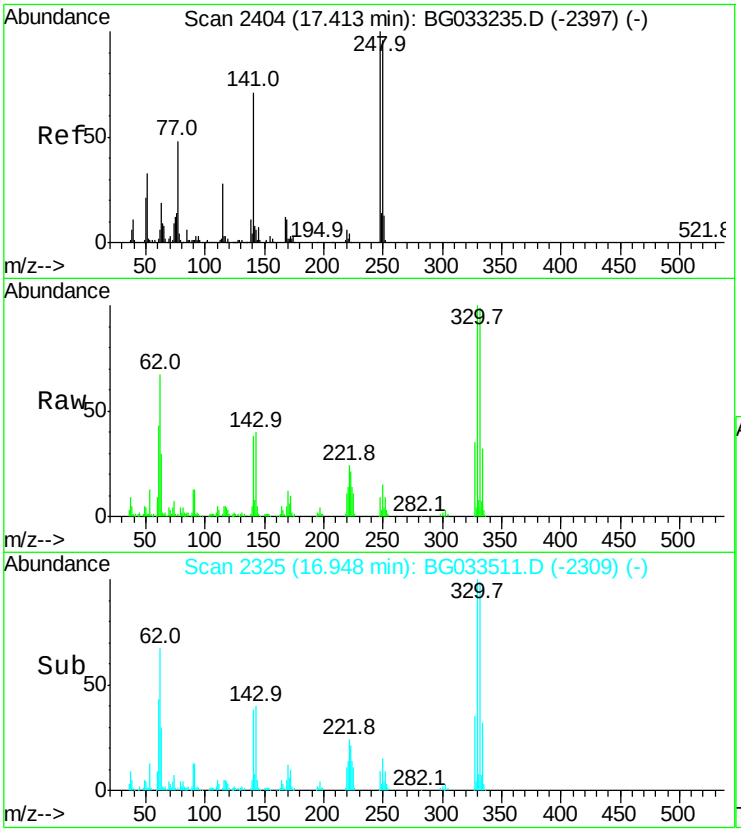


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:188 Resp: 316988

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	8.1	7.7	11.5



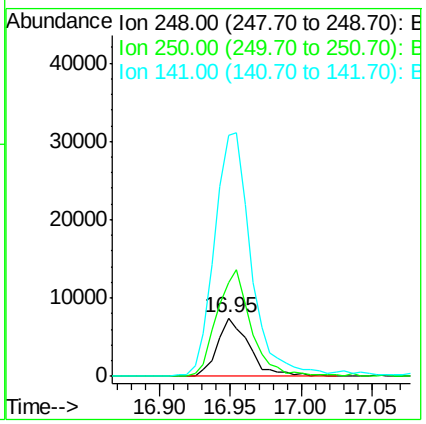


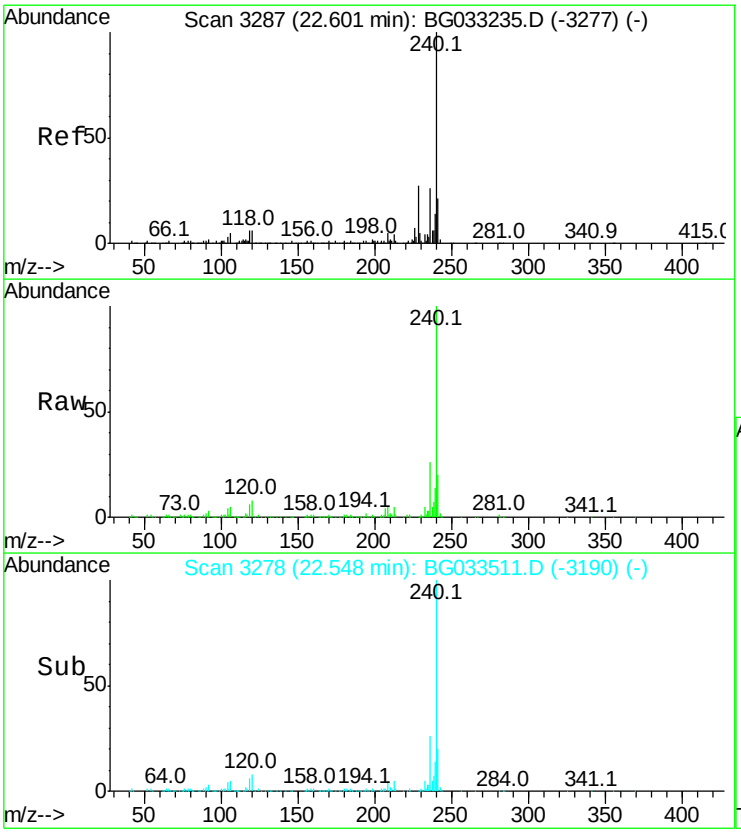
#66
4-Bromophenyl-phenylether
Concen: 3.139 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11687

Ion	Ratio	Lower	Upper
248	100		
250	162.5	77.1	115.7#
141	414.8	50.8	76.2#

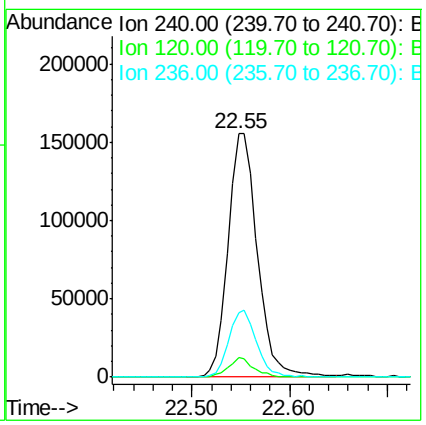


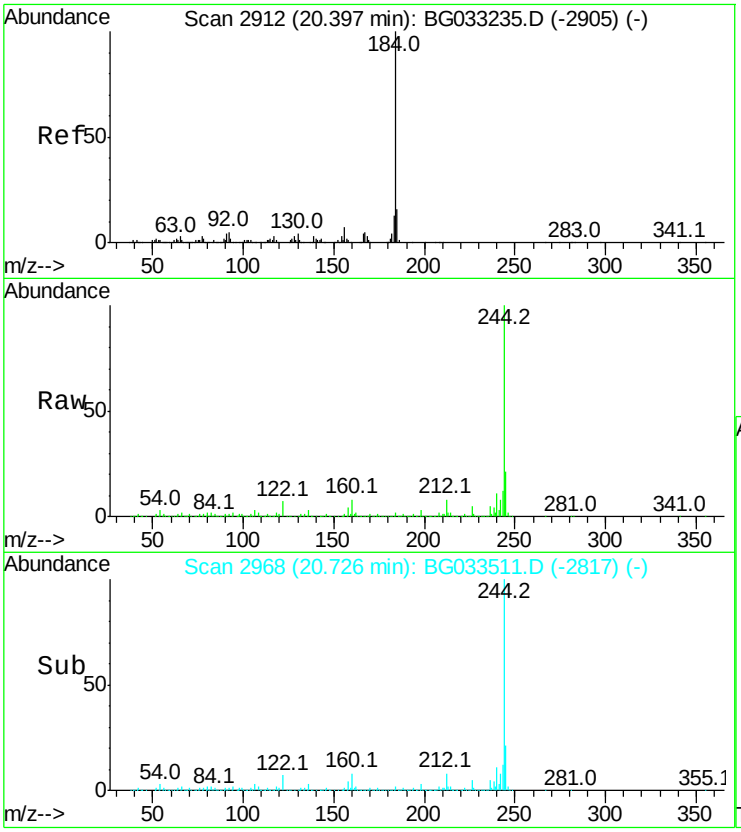


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:240 Resp: 325527

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	26.5	20.9	31.3



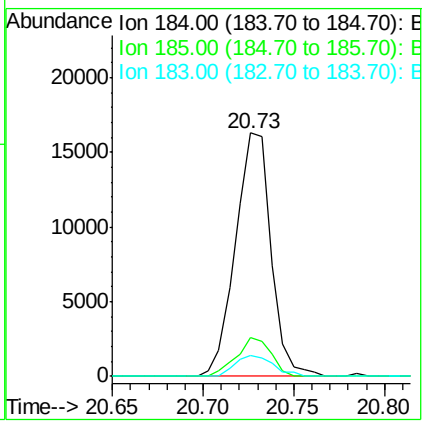


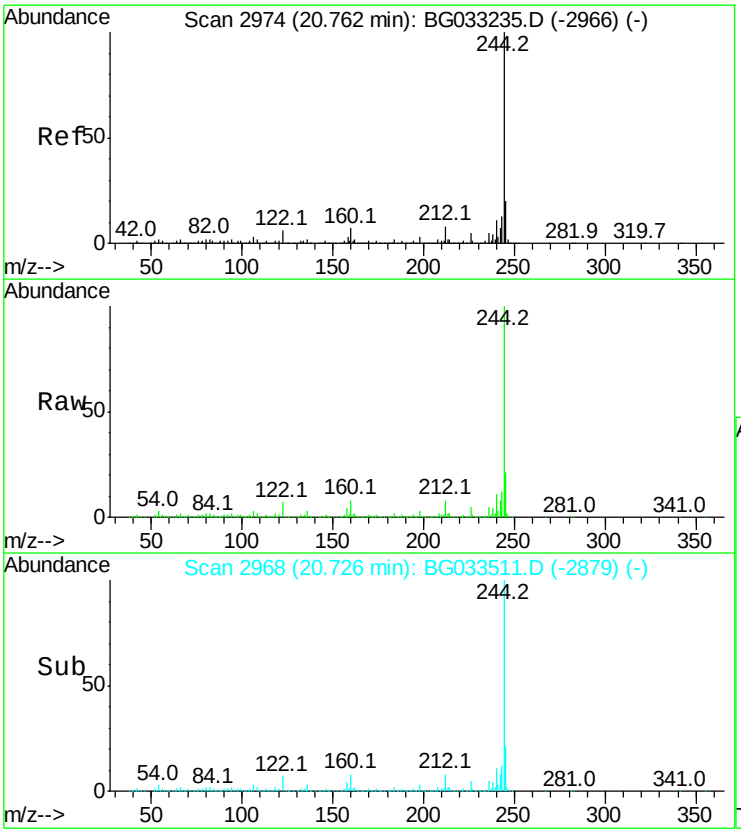
#76
Benzidine
Concen: 2.513 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 22186

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	8.6	10.6	16.0#

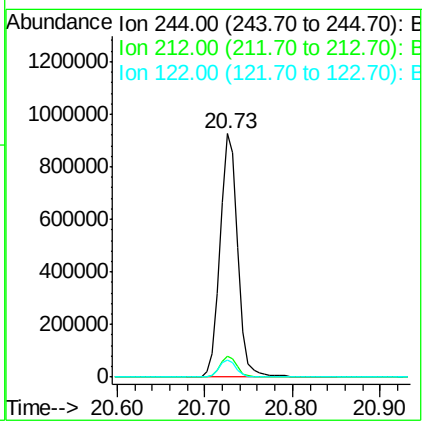


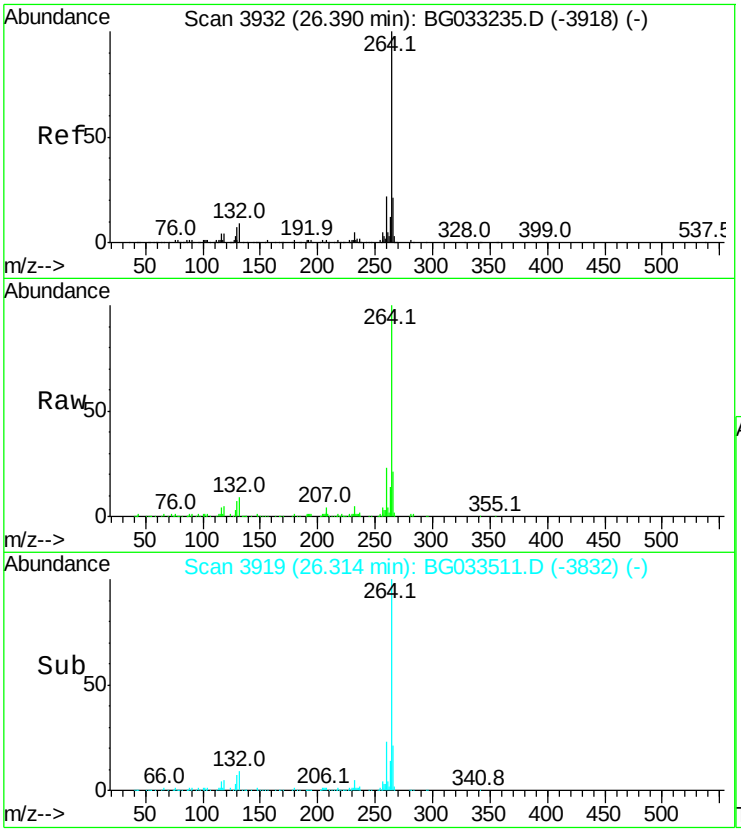


#78
Terphenyl-d14
Concen: 85.457 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Tgt Ion:244 Resp: 1300784

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033511.D
Acq: 3 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 344840

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.0	17.7	26.5