Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
Data File : BG041234.D
Acq On : 13 Jun 2019 23:58
Operator : HP/JU
Sample : K3159-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 14 08:49:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37449	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	152736	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112044	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	271038	20.00	ng	0.00
76) Chrysene-d12	21.76	240	257551	20.00	ng	0.00
87) Perylene-d12	25.08	264	180805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	283276	136.40	ng	0.00
7) Phenol-d6	7.26	99	380999	118.79	ng	0.00
23) Nitrobenzene-d5	9.28	82	334147	97.12	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	191036	114.85	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	782525	100.58	ng	0.00
79) Terphenyl-d14	20.08	244	1323137	109.03	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.42	79	6186	2.085	ng	# 65
19) n-Nitroso-di-n-propylamine	9.28	70	48768	19.758	ng	# 75
51) 2,6-Dinitrotoluene	14.73	165	14562	7.121	ng	# 20
57) 2,4-Dinitrotoluene	14.73	165	14562	5.041	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	449	8.843	ng	# 21
67) 4-Bromophenyl-phenylether	16.22	248	13782	3.768	ng	# 1
77) Benzidine	20.07	184	21637	3.522	ng	# 94

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

Quantitation Report (Not Reviewed)

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Acq On : 13 Jun 2019 23:58
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
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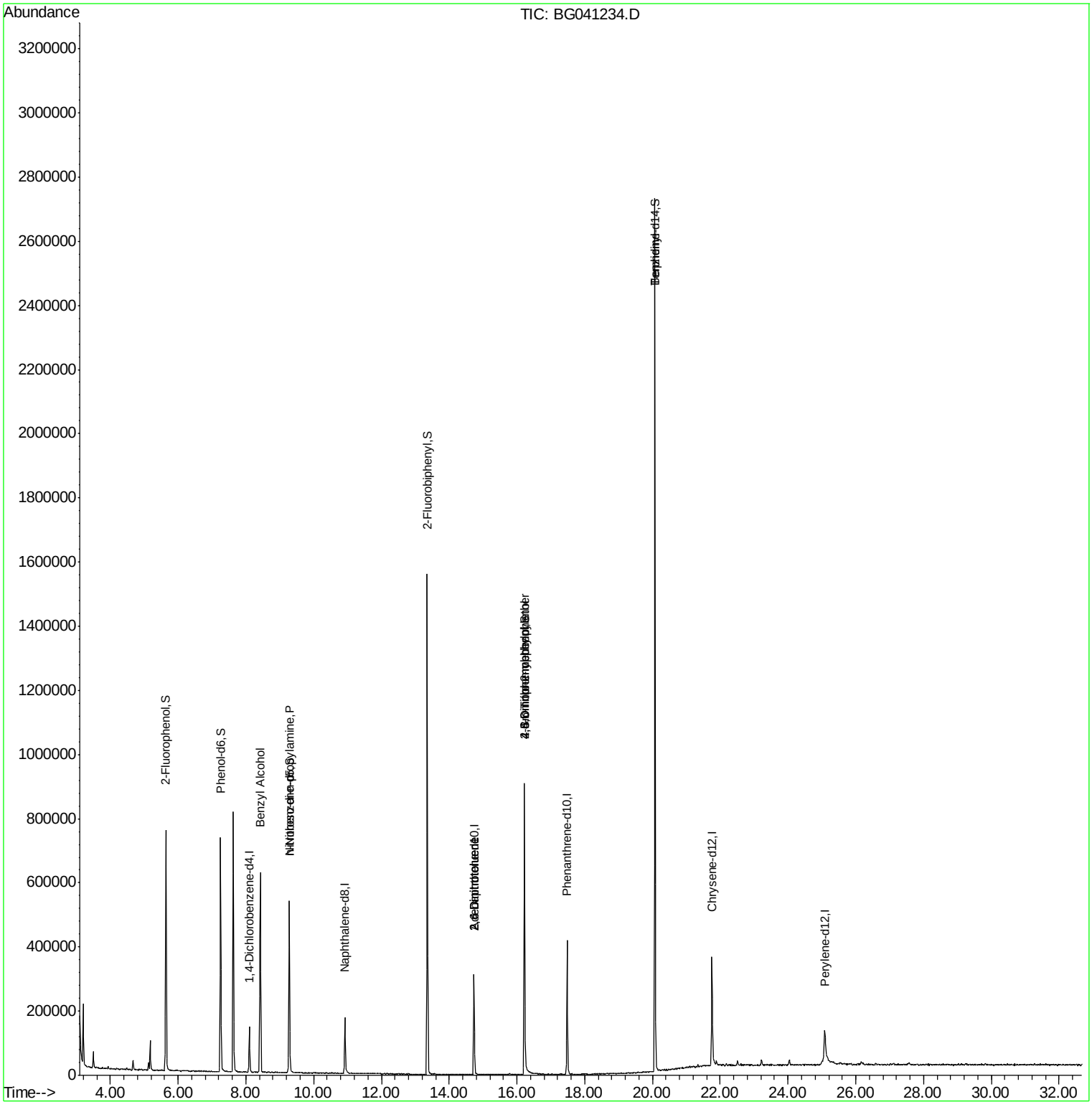
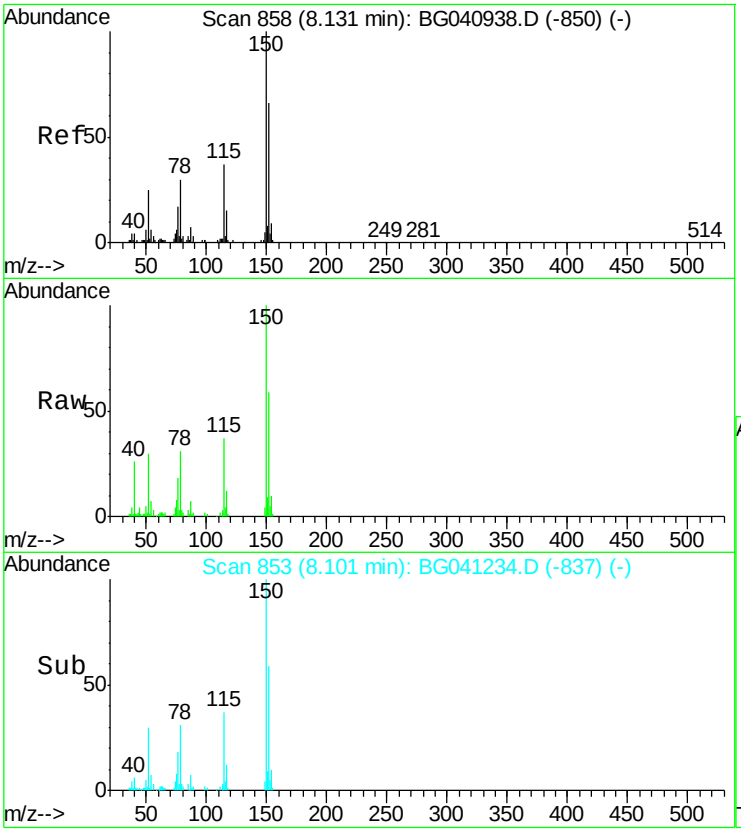


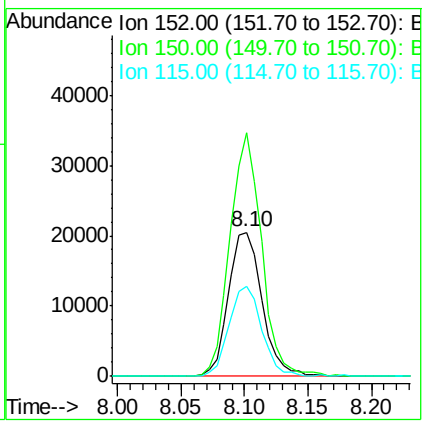


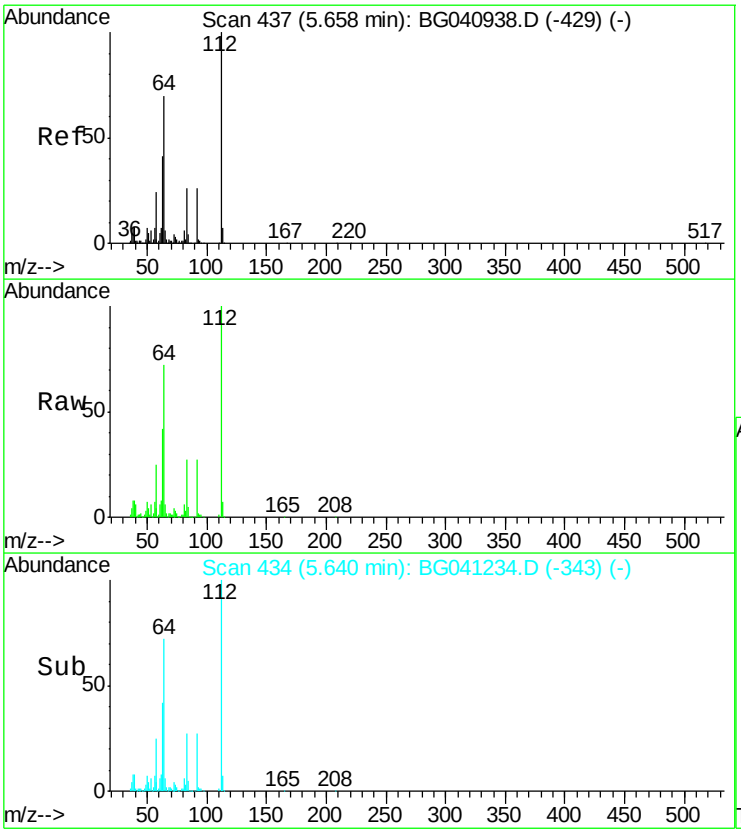
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37449

Ion	Ratio	Lower	Upper
152	100		
150	169.3	120.6	180.8
115	62.9	45.1	67.7

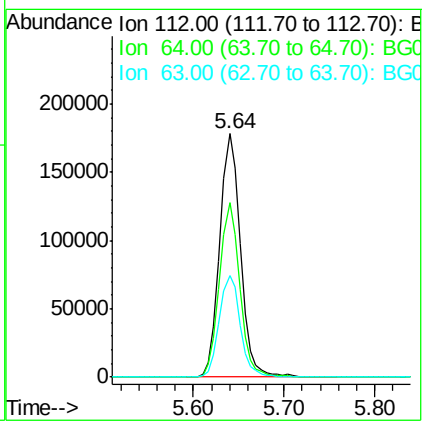


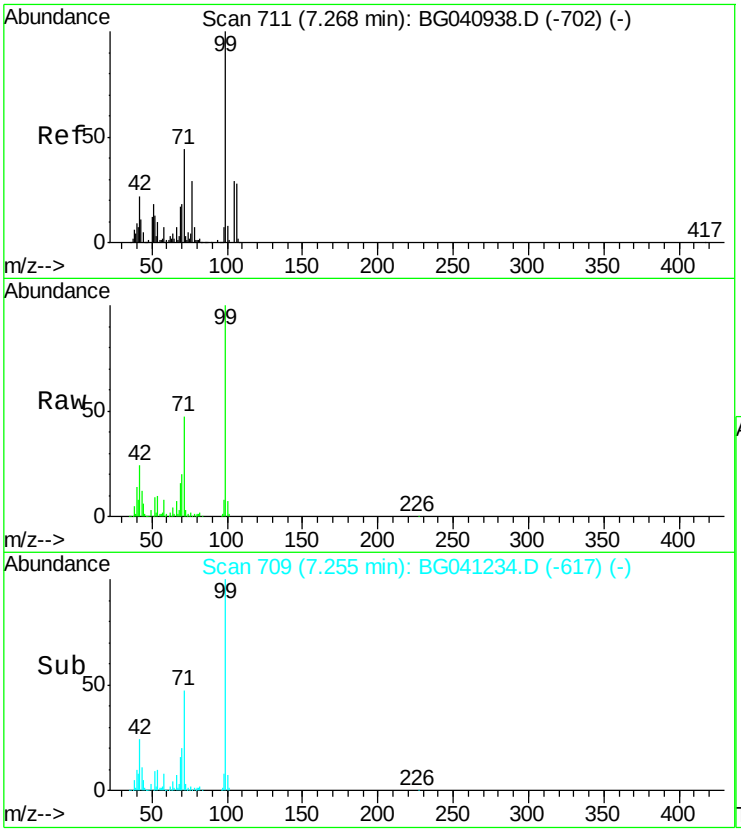


#5
2-Fluorophenol
Concen: 136.401 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:112 Resp: 283276

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.2	84.2
63	41.7	32.8	49.2



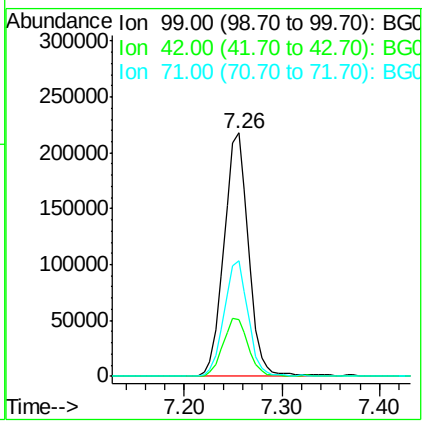


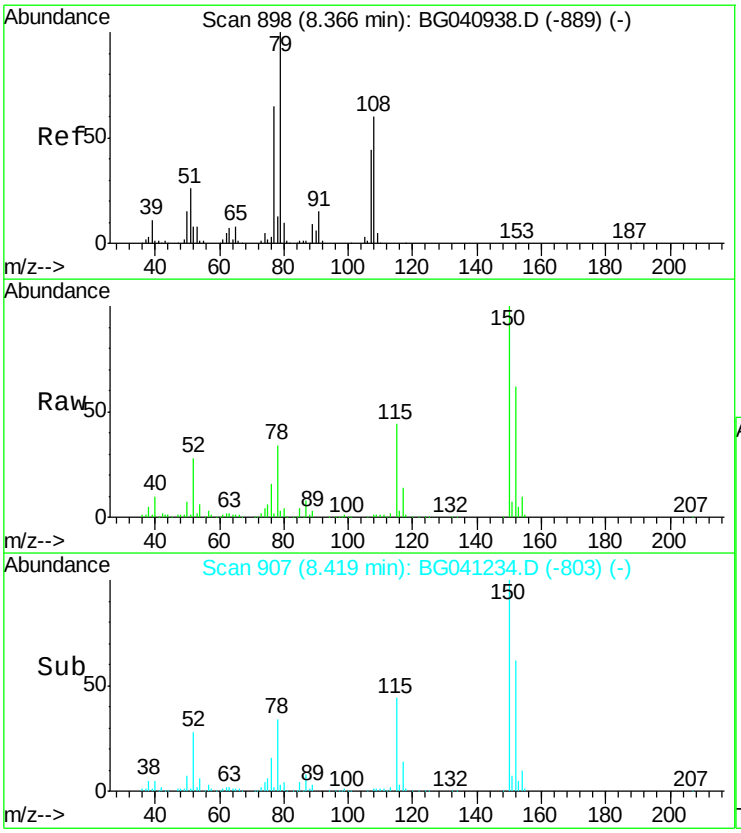
#7
Phenol-d6
Concen: 118.788 ng
RT: 7.26 min Scan# 709
Delta R.T. 0.01 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 380999

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.9	26.9
71	47.5	35.4	53.0

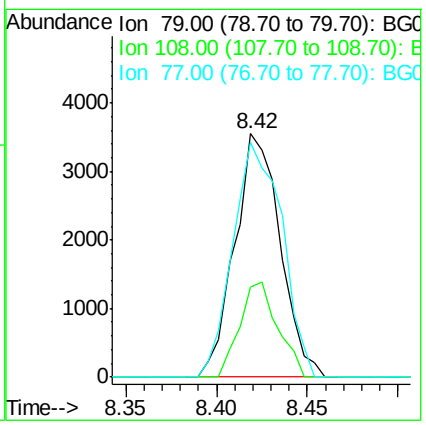


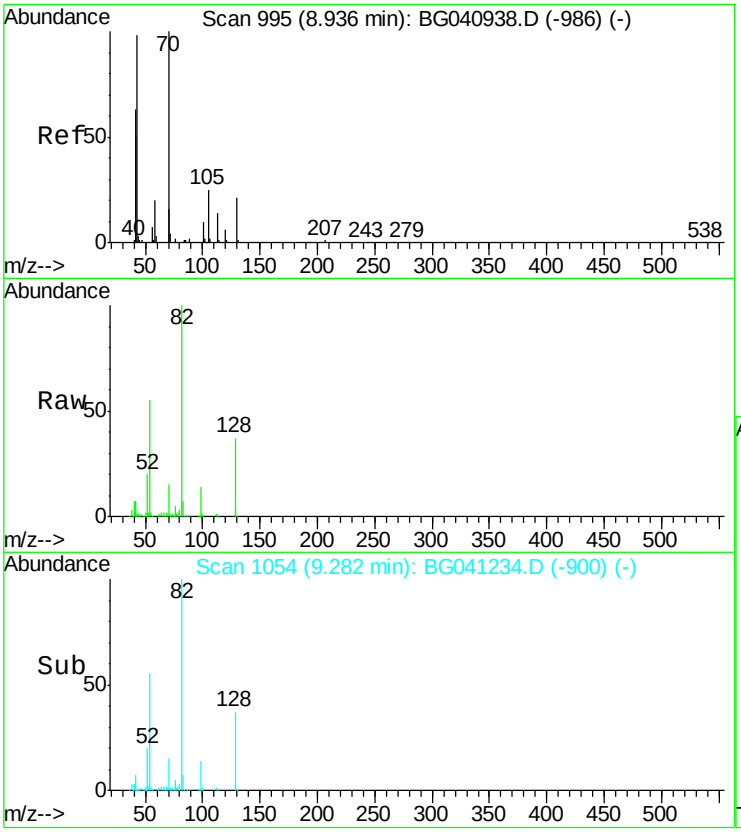


#15
Benzyl Alcohol
Concen: 2.085 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.08 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion: 79 Resp: 6186

Ion	Ratio	Lower	Upper
79	100		
108	37.0	48.3	72.5#
77	96.4	52.3	78.5#



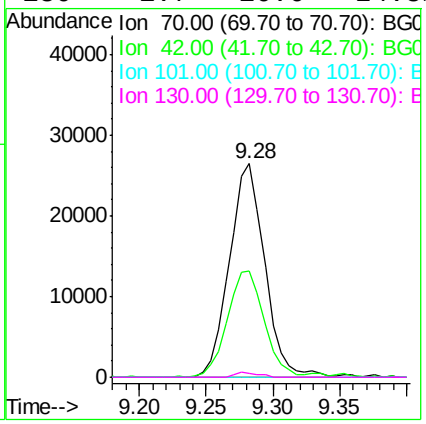


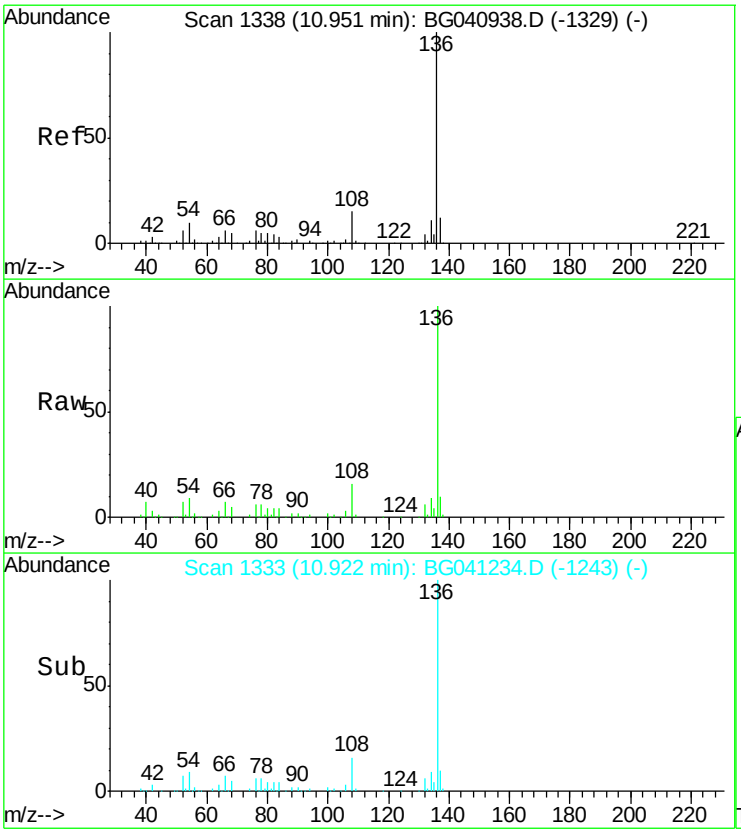
#19
n-Nitroso-di-n-propylamine
Concen: 19.758 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 48768

Ion	Ratio	Lower	Upper
70	100		
42	49.5	51.5	77.3#
101	0.0	8.1	12.1#
130	1.7	16.6	24.8#

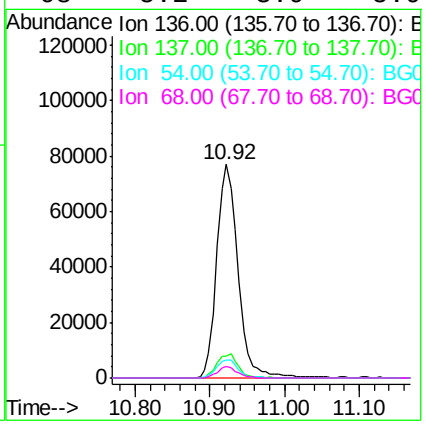


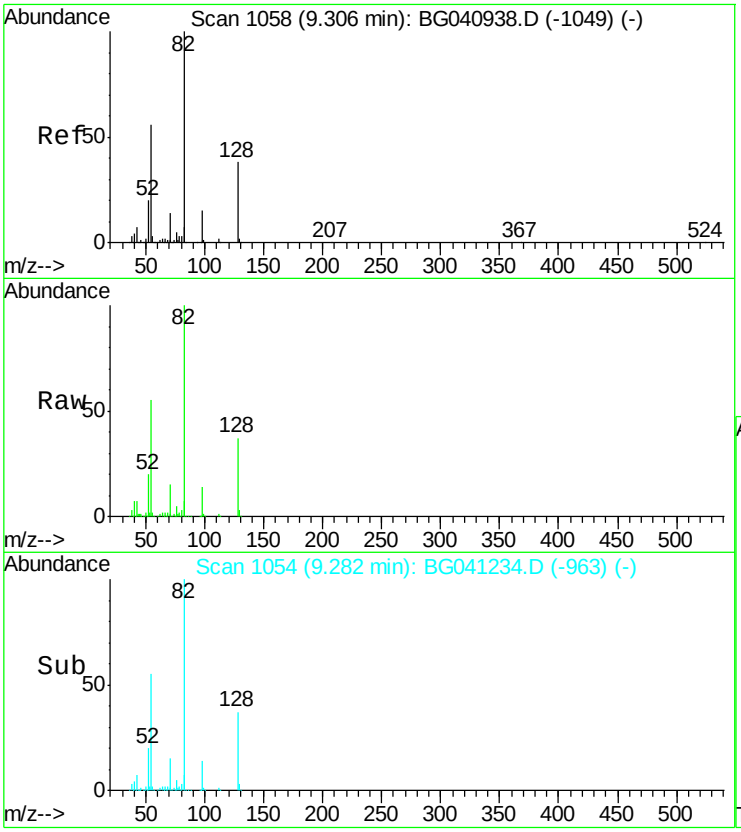


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:136 Resp: 152736

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.5	14.3
54	8.6	7.6	11.4
68	5.2	3.9	5.9



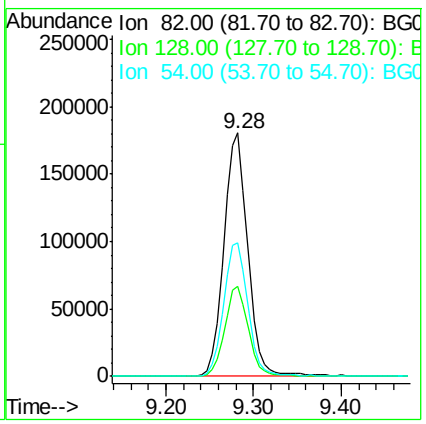


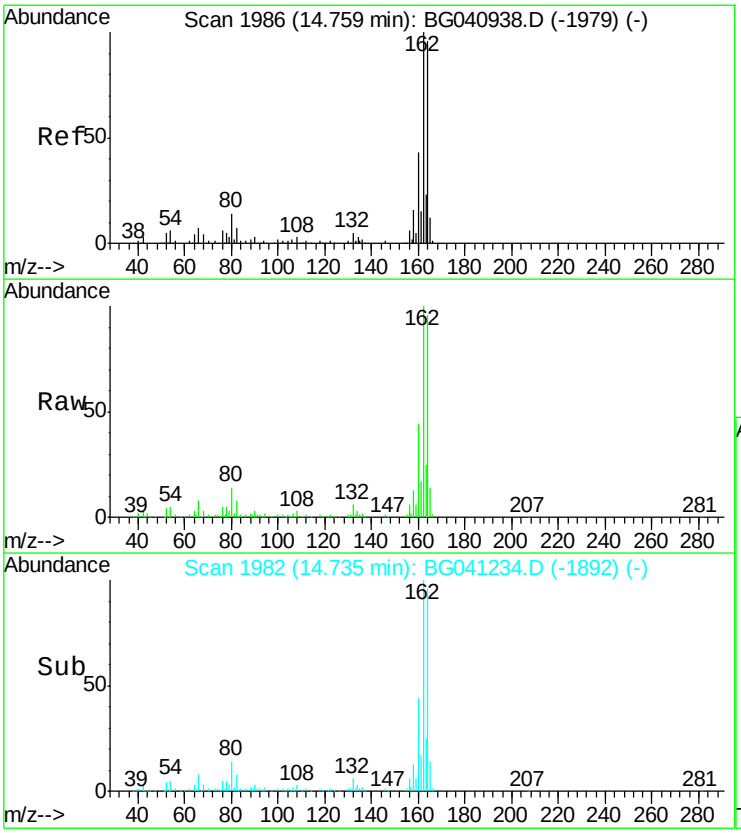
#23
Nitrobenzene-d5
Concen: 97.122 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 334147

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.5	45.7
54	55.0	44.6	66.8

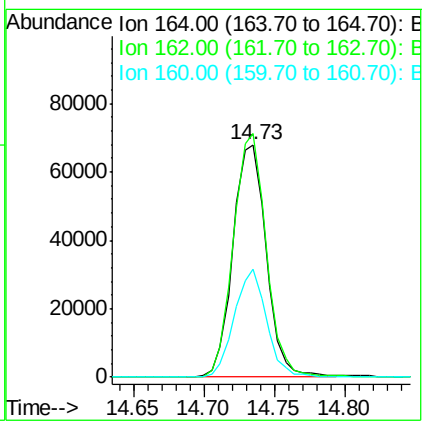


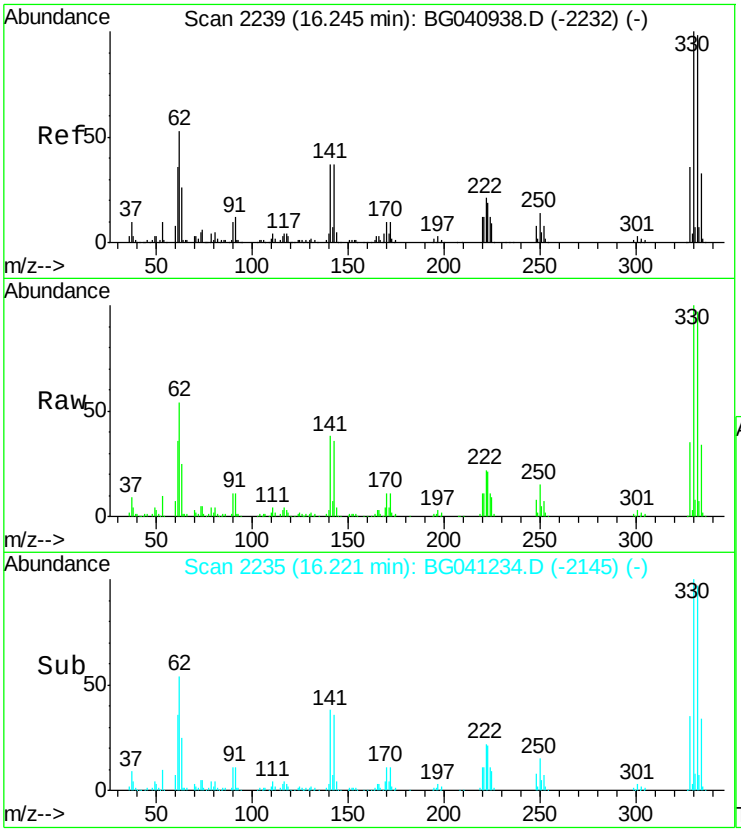


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:164 Resp: 112044

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	46.4	35.6	53.4



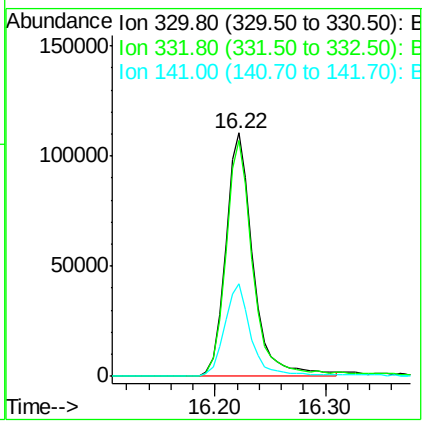


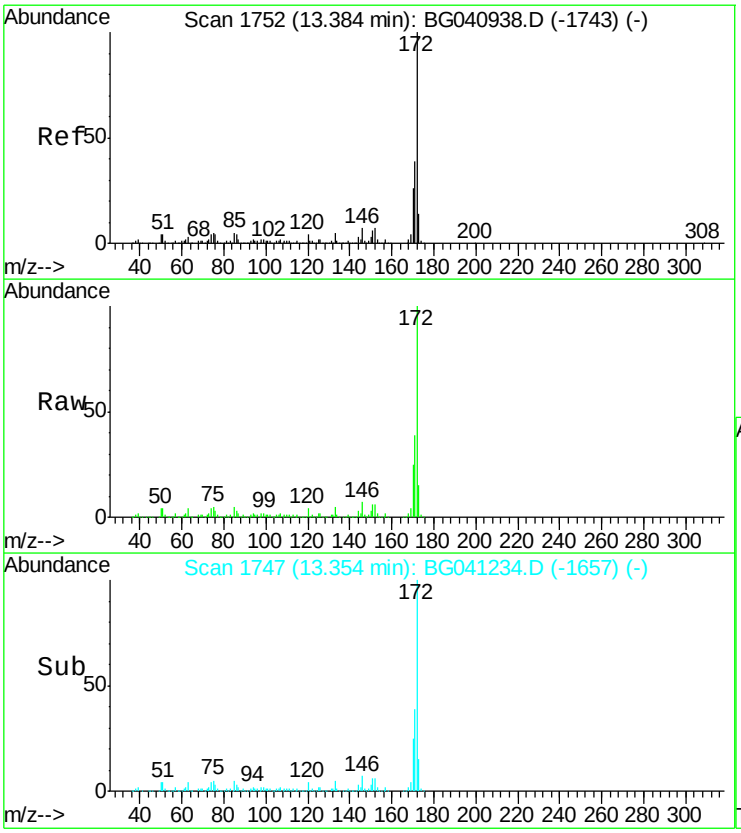
#42
2,4,6-Tribromophenol
Concen: 114.849 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 191036

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.5	117.7
141	37.0	28.7	43.1

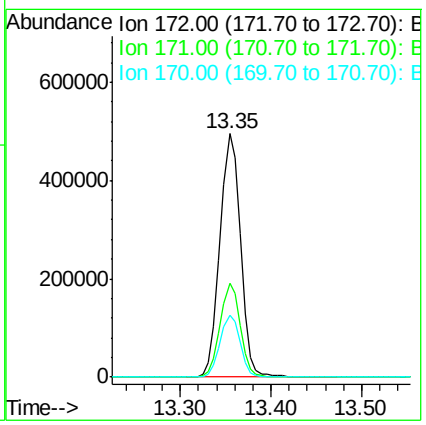


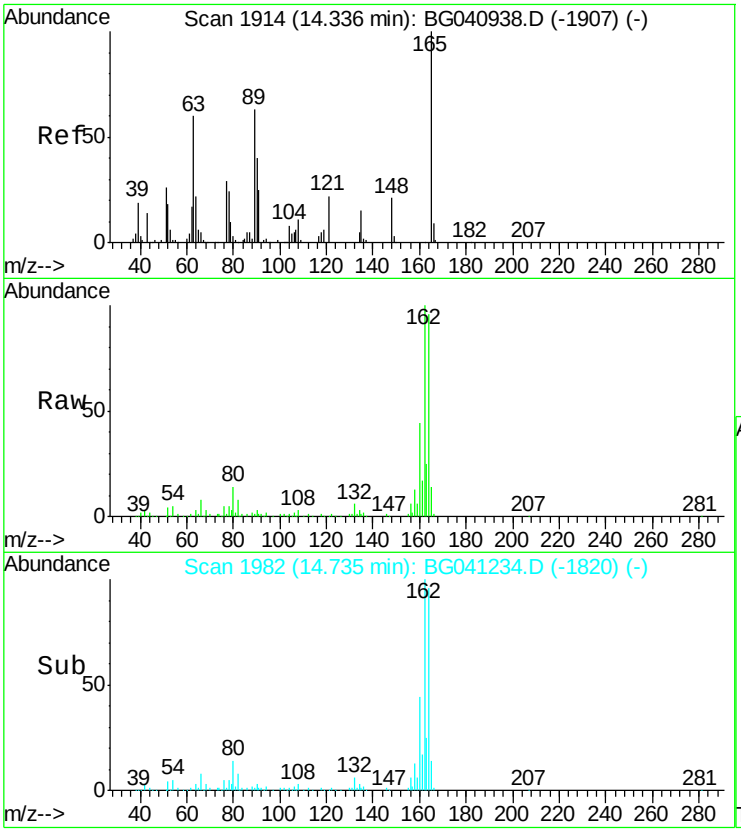


#45
2-Fluorobiphenyl
Concen: 100.578 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:172 Resp: 782525

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	25.2	20.5	30.7



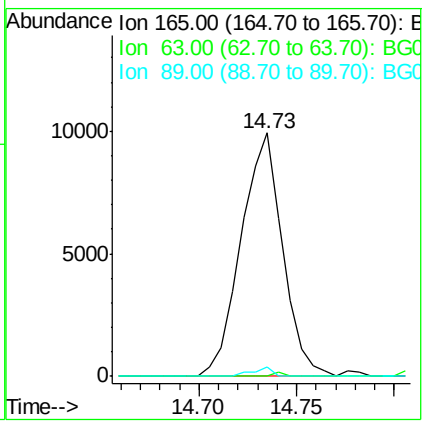


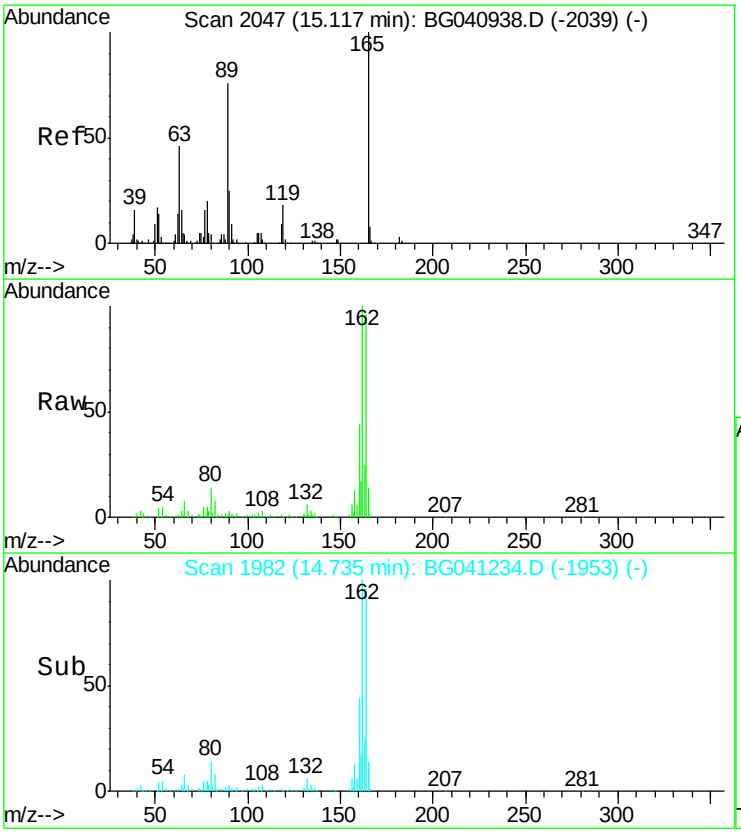
#51
2,6-Dinitrotoluene
Concen: 7.121 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.42 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14562

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	3.7	50.4	75.6#

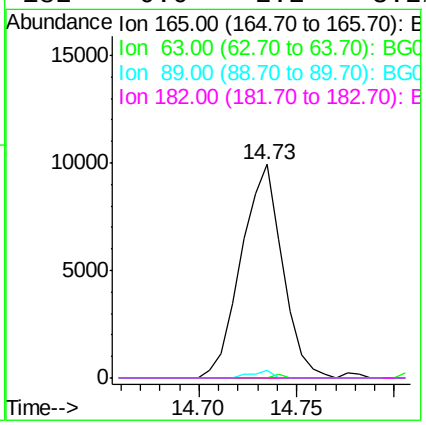


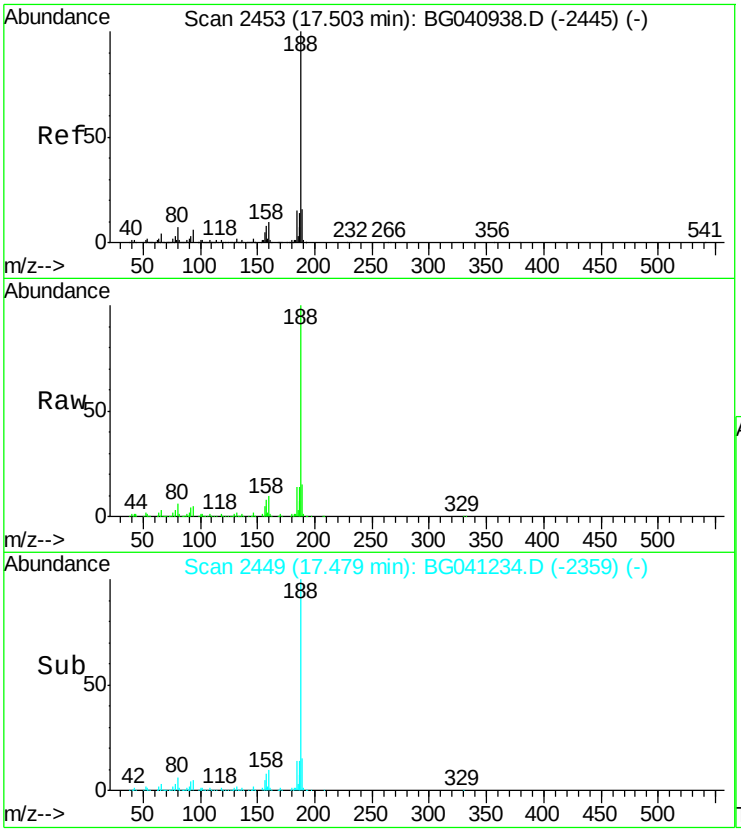


#57
2,4-Dinitrotoluene
Concen: 5.041 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:165 Resp: 14562

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	3.7	61.0	91.6#
182	0.0	2.2	3.2#



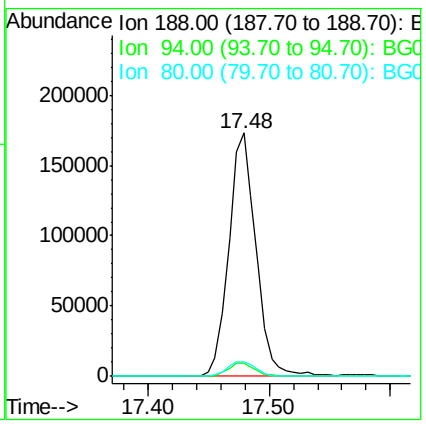


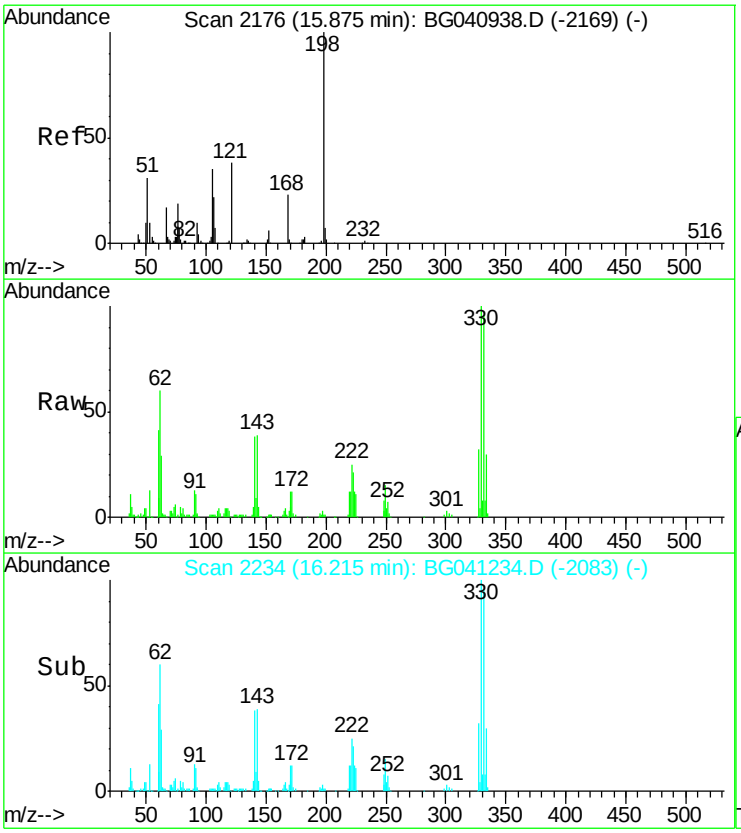
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 271038

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	6.1	5.8	8.8

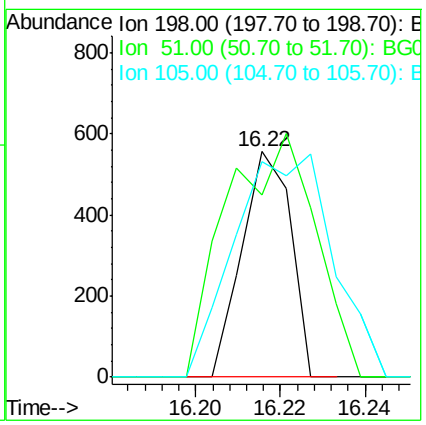


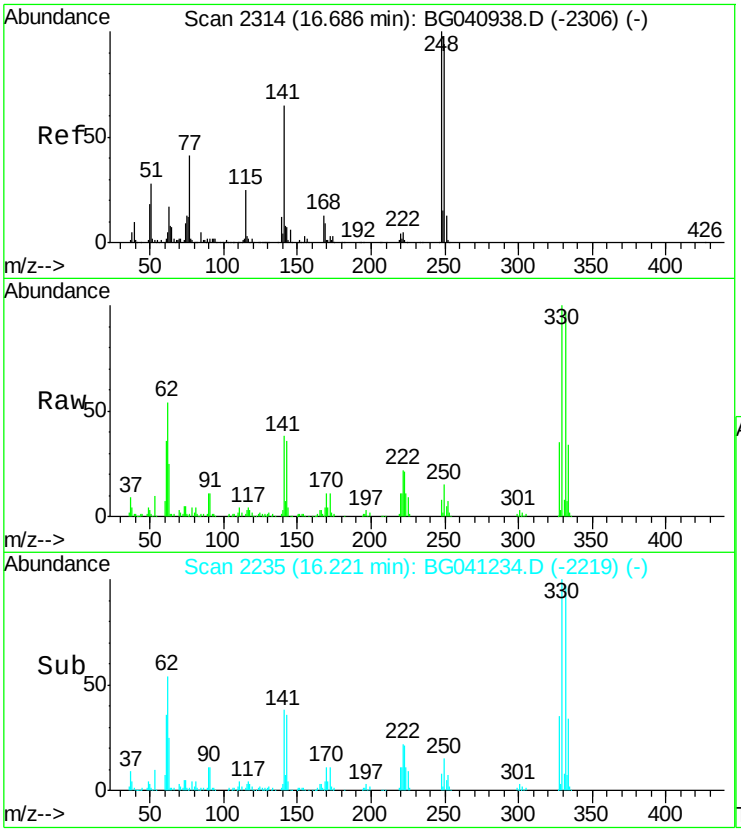


#65
4,6-Dinitro-2-methylphenol
Concen: 8.843 ng
RT: 16.22 min Scan# 2234
Delta R.T. 0.35 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:198 Resp: 449

Ion	Ratio	Lower	Upper
198	100		
51	80.8	21.6	61.6#
105	95.9	17.5	57.5#



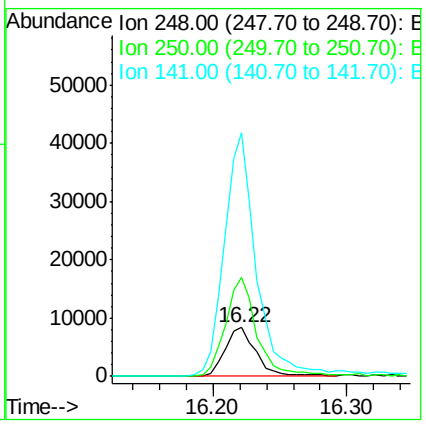


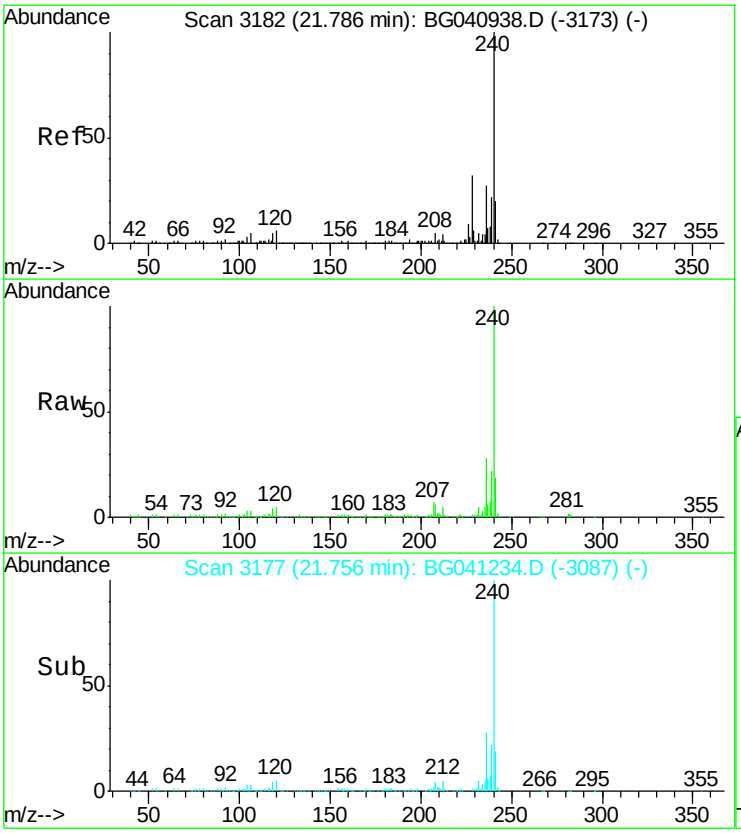
#67
4-Bromophenyl-phenylether
Concen: 3.768 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.44 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13782

Ion	Ratio	Lower	Upper
248	100		
250	202.4	75.0	112.4#
141	499.8	52.4	78.6#

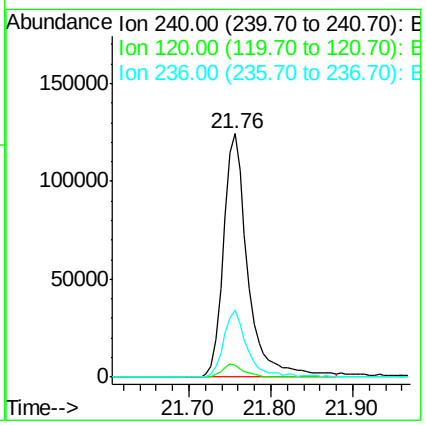


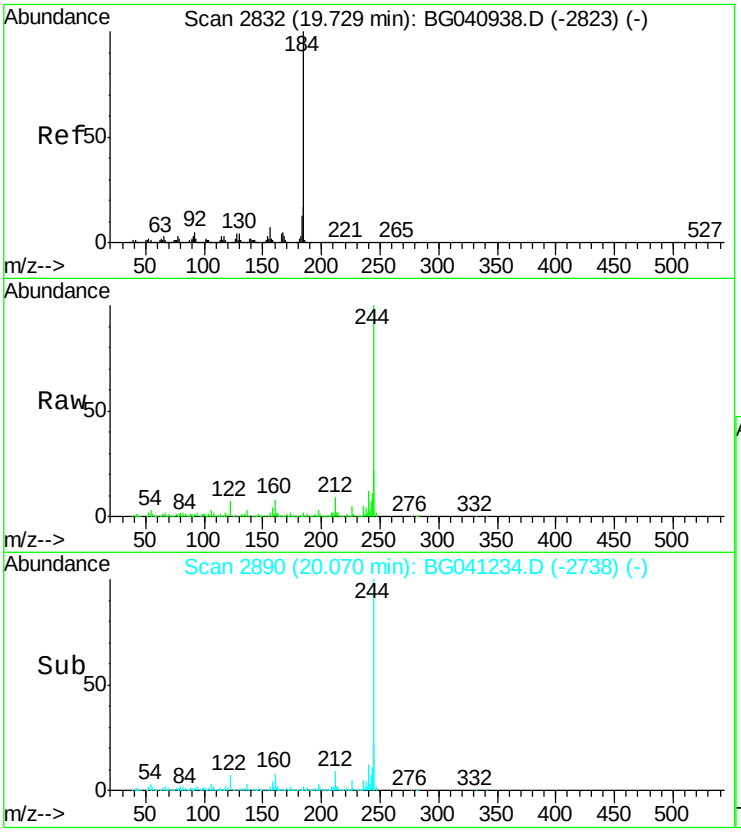


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:240 Resp: 257551

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.5	6.7
236	27.6	21.3	31.9



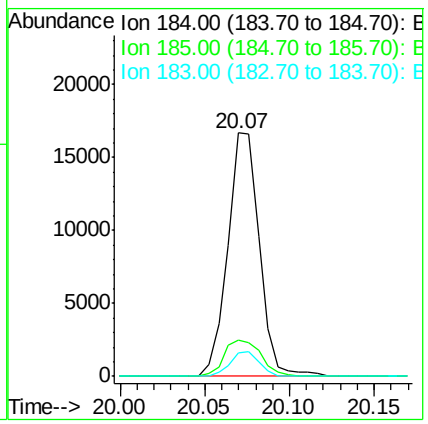


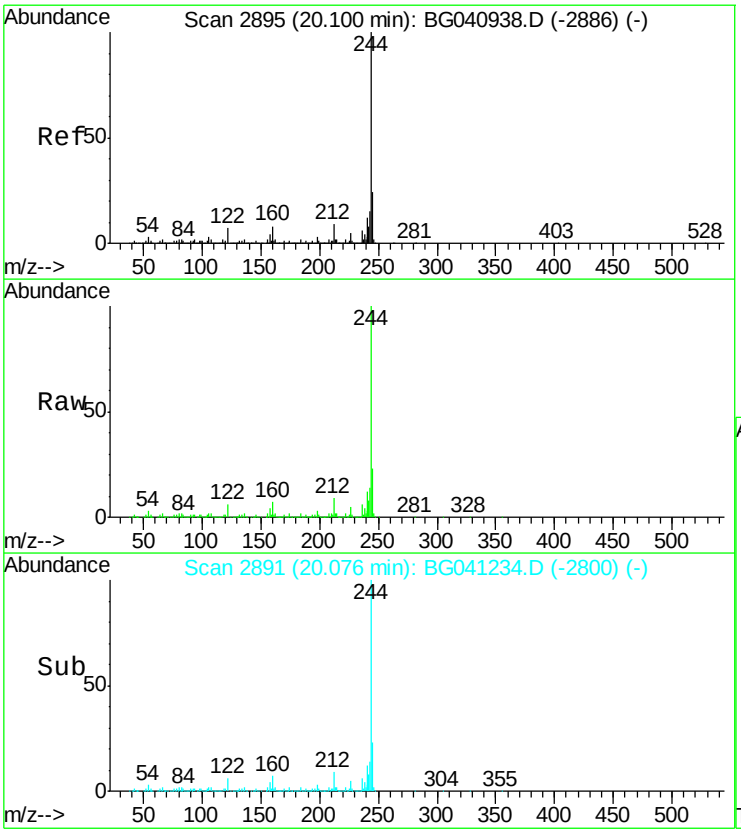
#77
Benzidine
Concen: 3.522 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.36 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21637

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.3	19.9
183	9.5	10.7	16.1#

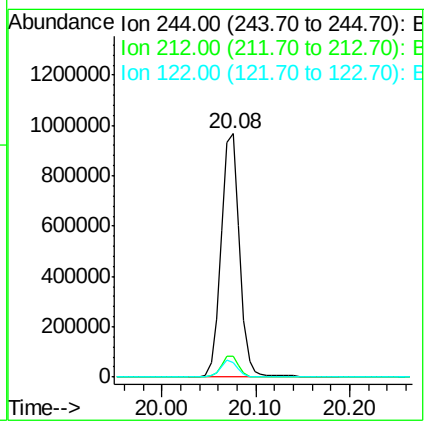


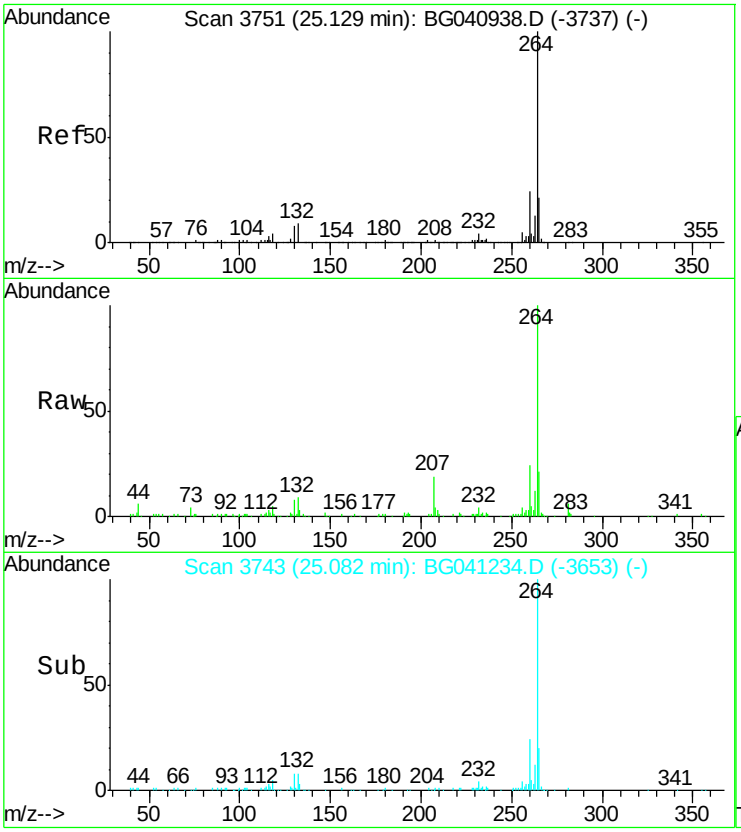


#79
Terphenyl-d14
Concen: 109.033 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Tgt Ion:244 Resp: 1323137

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	6.1	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041234.D
Acq: 13 Jun 2019 23:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 180805

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	20.8	17.0	25.4