Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038754.D
Acq On : 20 Dec 2018 8:55
Operator : JU/SJ
Sample : J6195-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 20 11:07:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25394	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	101420	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	70173	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	183573	20.00	ng	0.00
76) Chrysene-d12	21.71	240	194774	20.00	ng	-0.01
87) Perylene-d12	25.02	264	203297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	162663	113.61	ng	0.00
7) Phenol-d6	7.21	99	200296	101.91	ng	0.00
23) Nitrobenzene-d5	9.24	82	153777	77.46	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	124669	128.91	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	393222	76.87	ng	0.00
79) Terphenyl-d14	20.04	244	836955	93.52	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	20535	14.876	ng	# 68
51) 2,6-Dinitrotoluene	14.69	165	9407	7.244	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9407	5.143	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7758	3.460	ng	# 1
77) Benzidine	20.04	184	14085	2.445	ng	# 96

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

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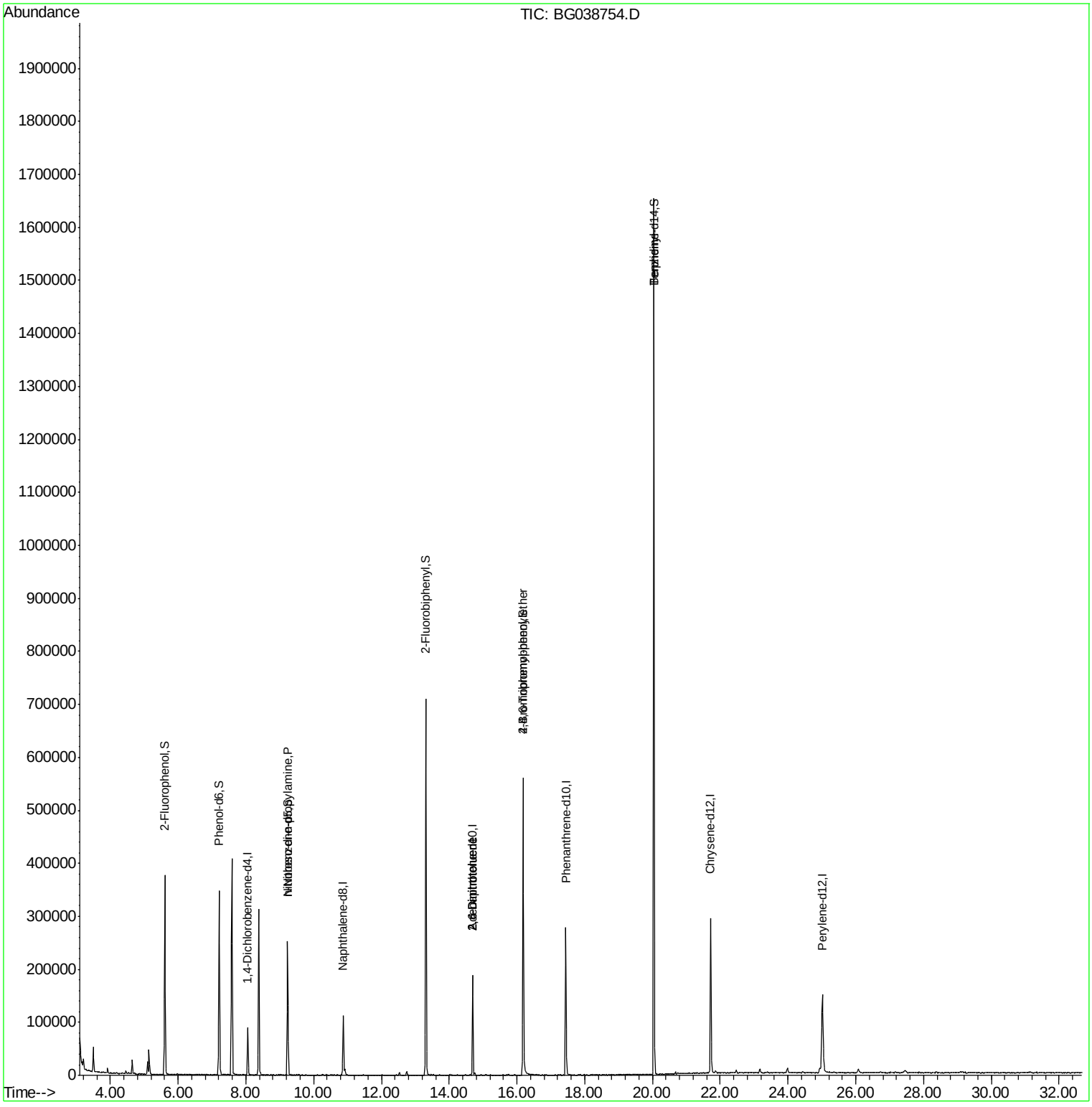
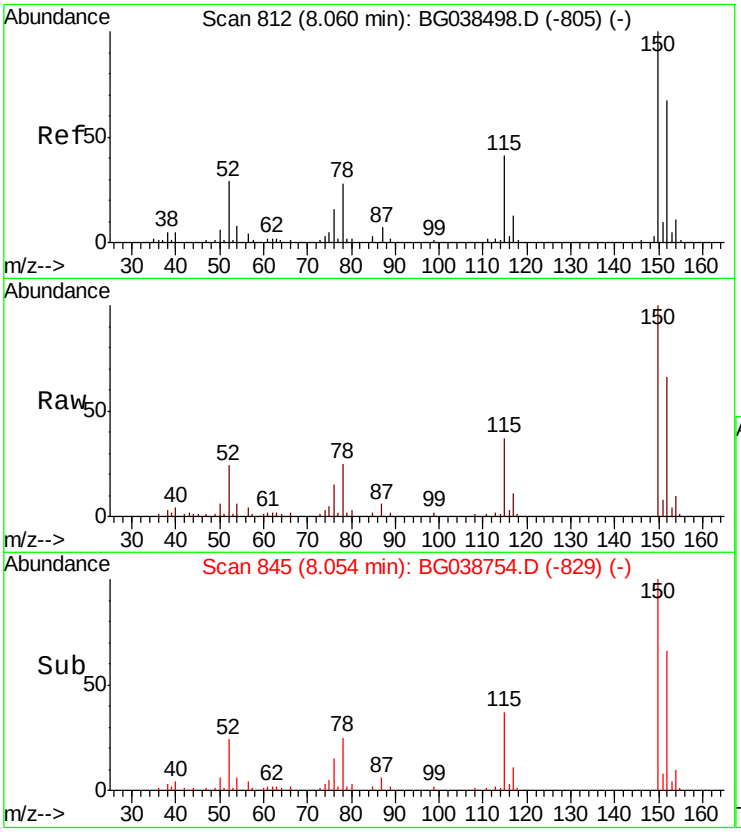
ClientSampleId :

Quant Time: Dec 20 11:07:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



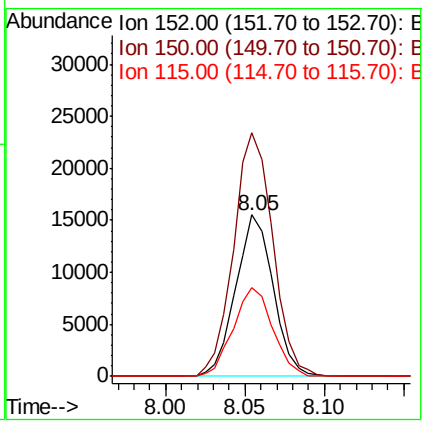


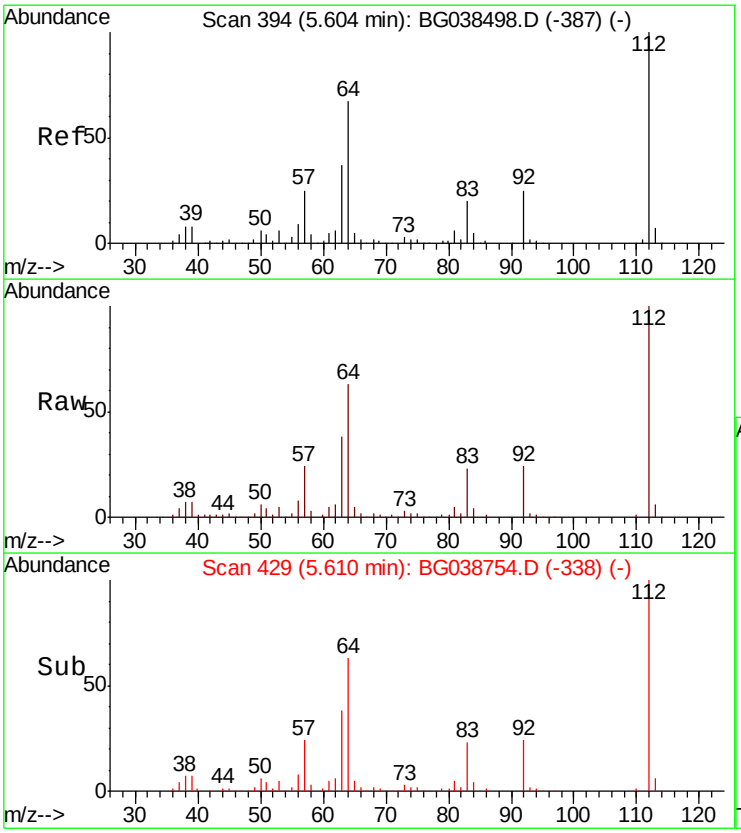
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25394

Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	55.3	49.6	74.4

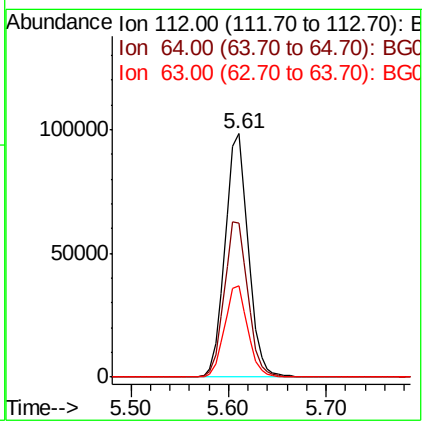


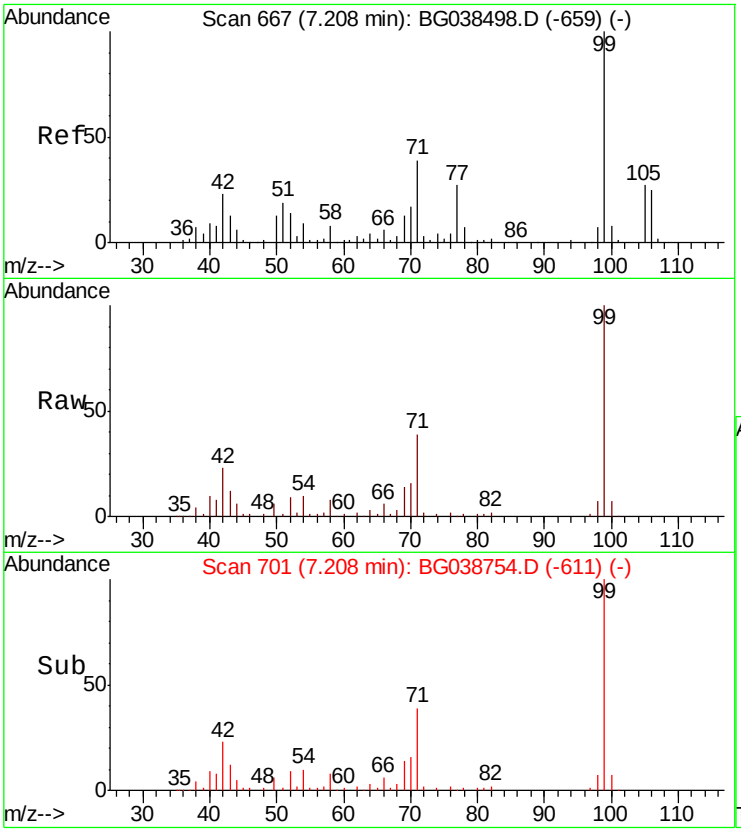


#5
2-Fluorophenol
Concen: 113.612 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:112 Resp: 162663

Ion	Ratio	Lower	Upper
112	100		
64	63.2	53.4	80.2
63	37.7	29.3	43.9



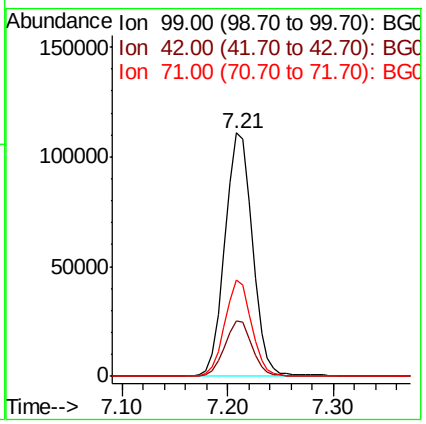


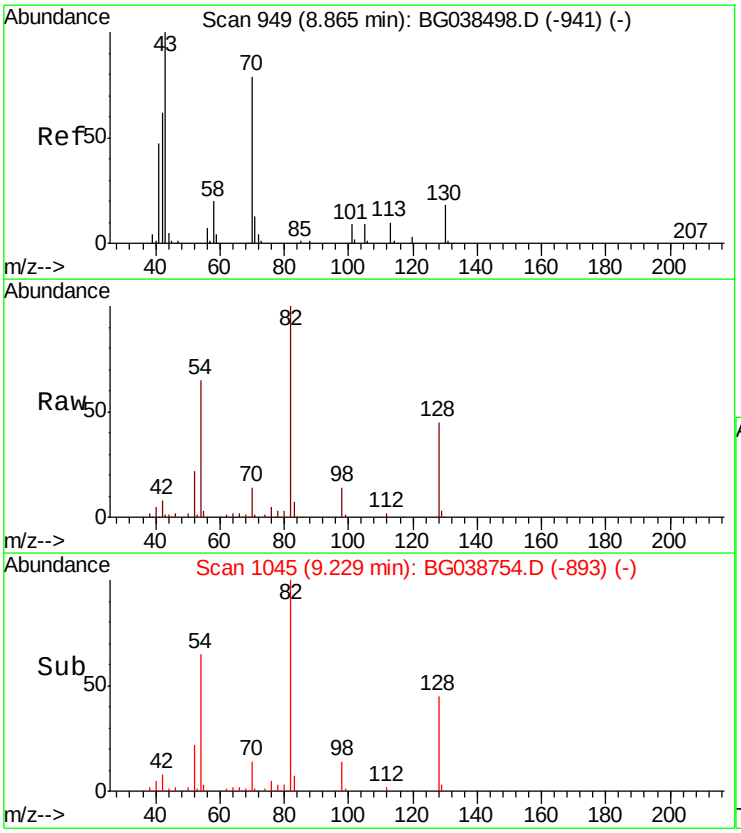
#7
Phenol-d6
Concen: 101.906 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 200296

Ion	Ratio	Lower	Upper
99	100		
42	22.7	18.5	27.7
71	39.4	31.1	46.7

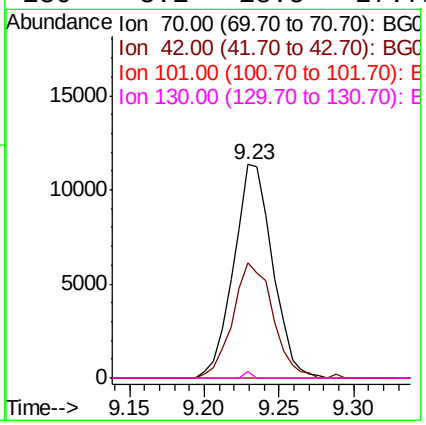


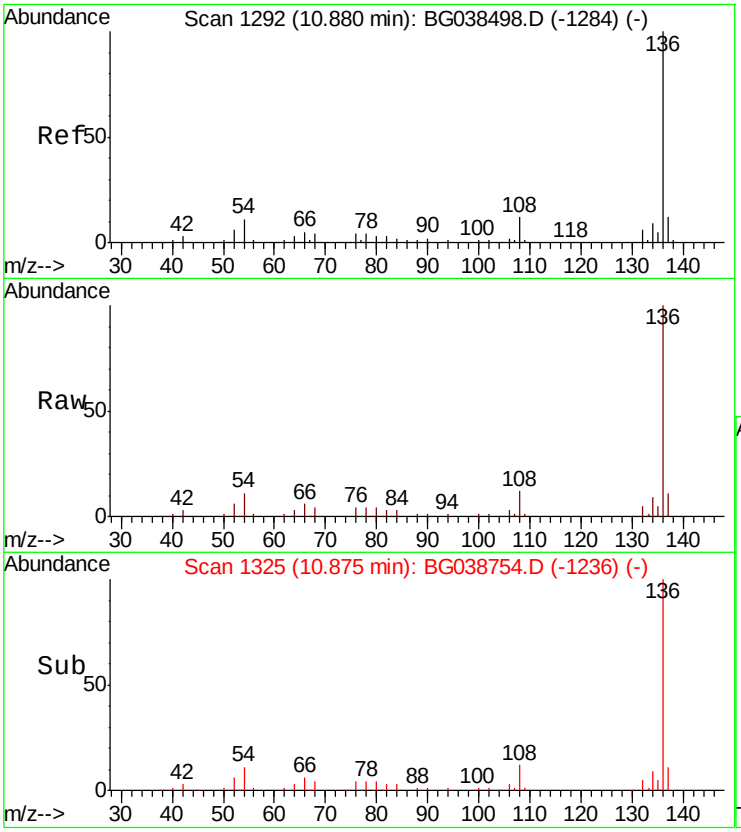


#19
n-Nitroso-di-n-propylamine
Concen: 14.876 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.36 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion: 70 Resp: 20535

Ion	Ratio	Lower	Upper
70	100		
42	54.0	63.6	95.4#
101	0.0	9.2	13.8#
130	3.1	18.5	27.7#



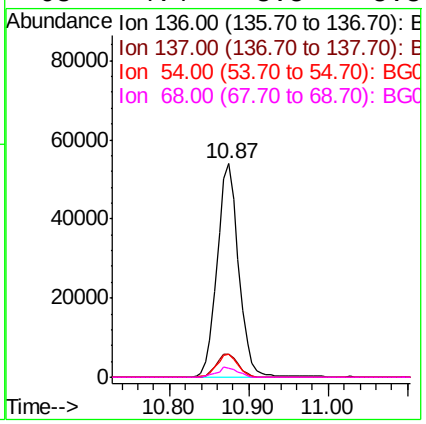


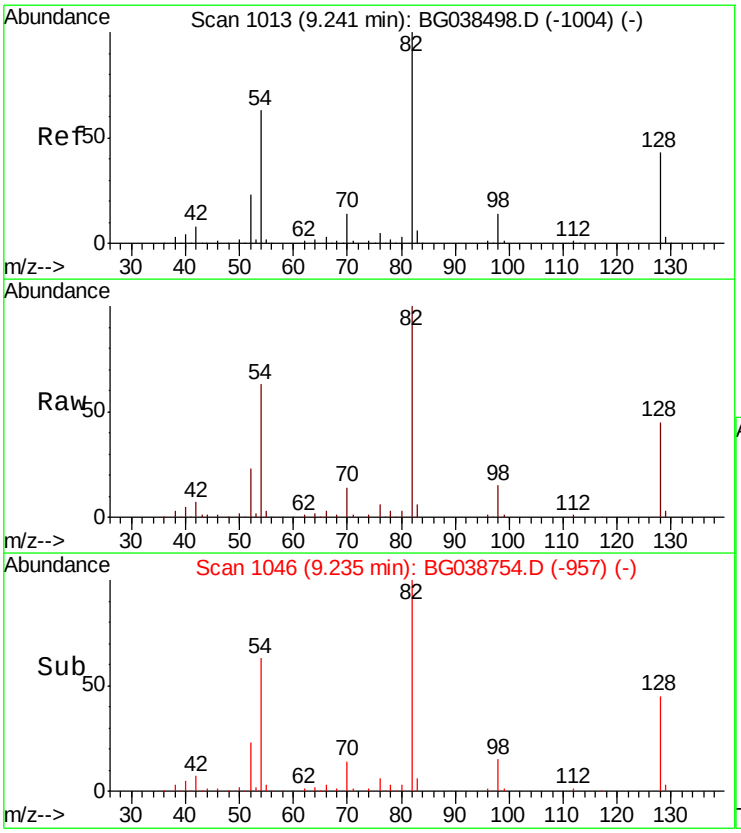
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 101420

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	10.6	8.5	12.7
68	4.4	3.5	5.3

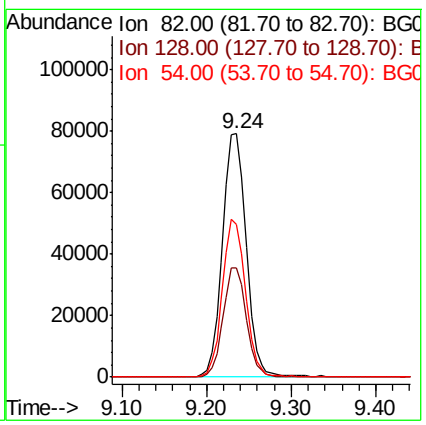


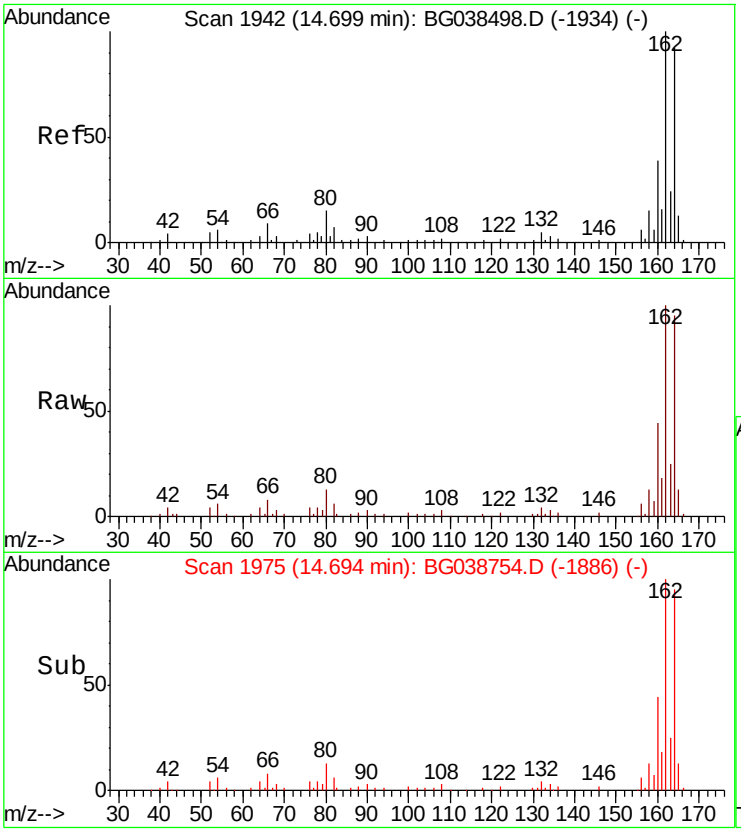


#23
Nitrobenzene-d5
Concen: 77.460 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion: 82 Resp: 153777

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	62.7	50.6	76.0



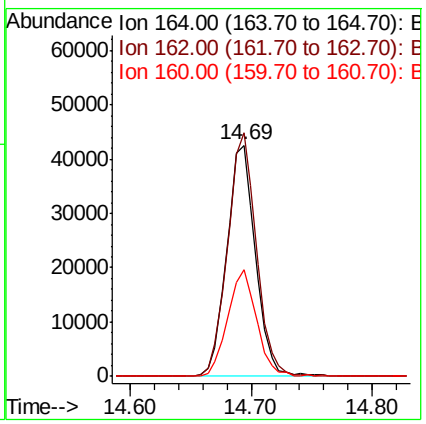


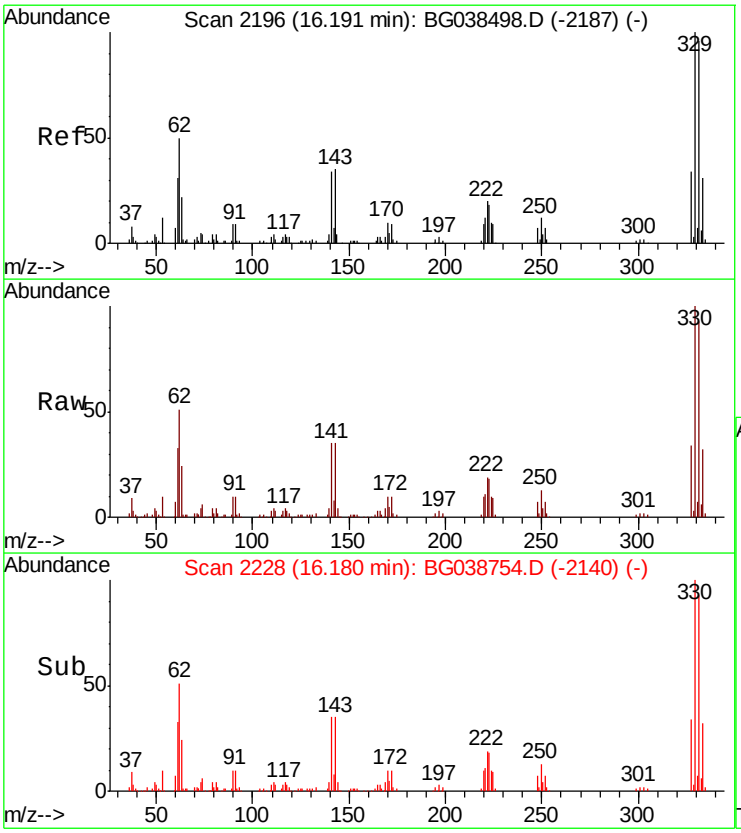
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 70173

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.6	130.0
160	46.4	34.2	51.2

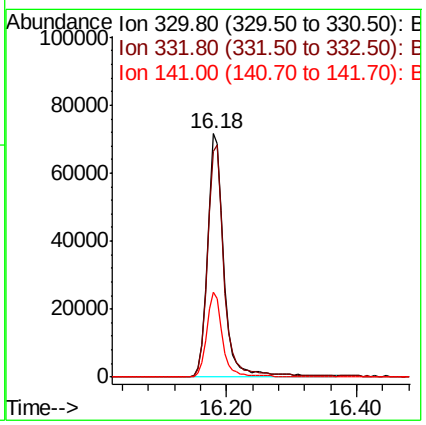


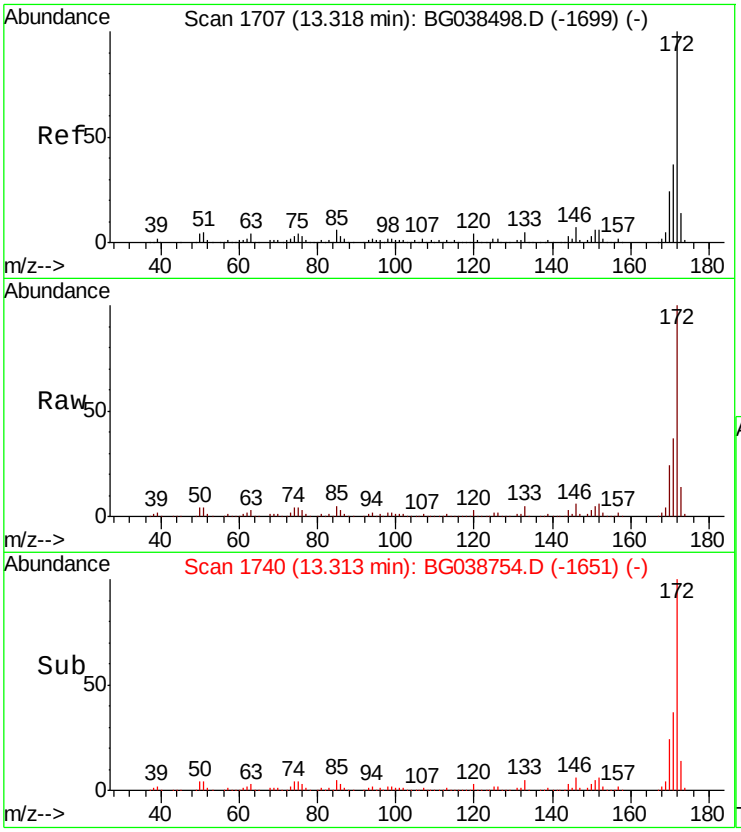


#42
2,4,6-Tribromophenol
Concen: 128.909 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:330 Resp: 124669

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	32.5	28.8	43.2



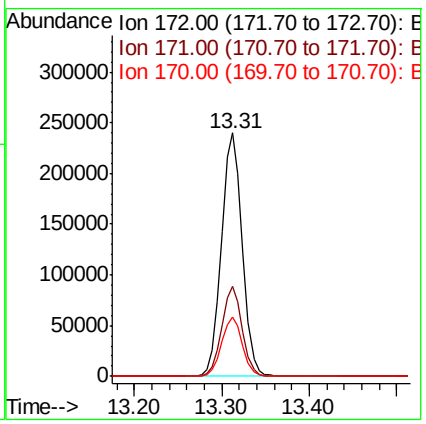


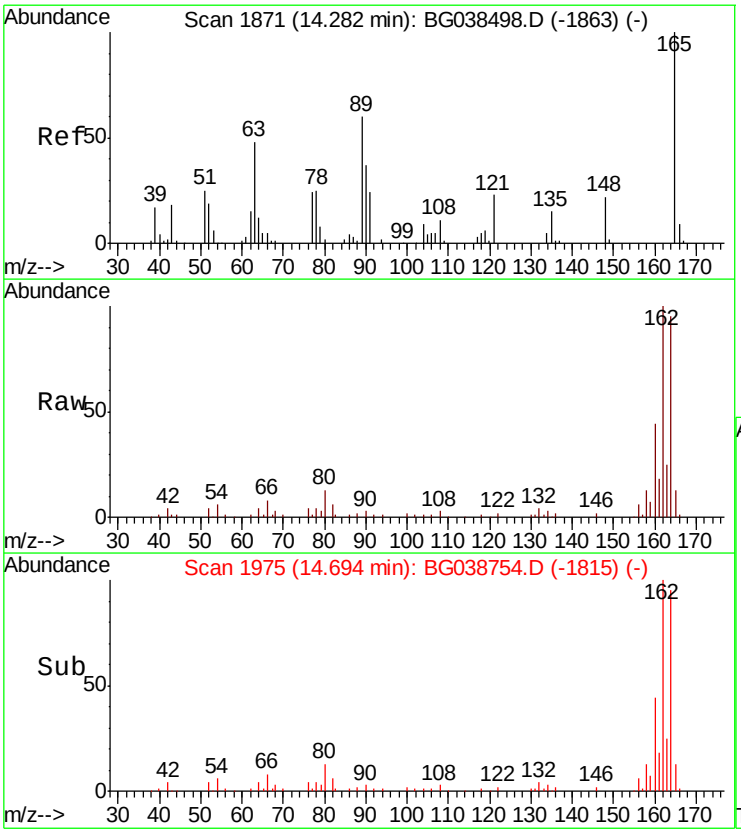
#45
2-Fluorobiphenyl
Concen: 76.873 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 393222

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.4	19.5	29.3

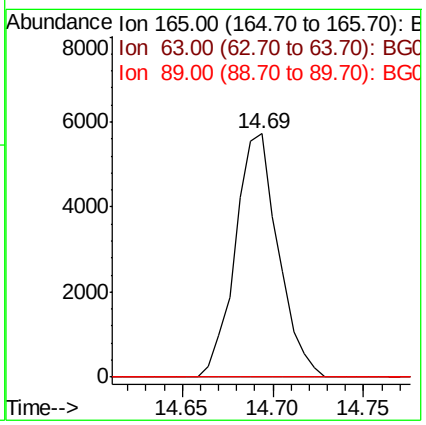


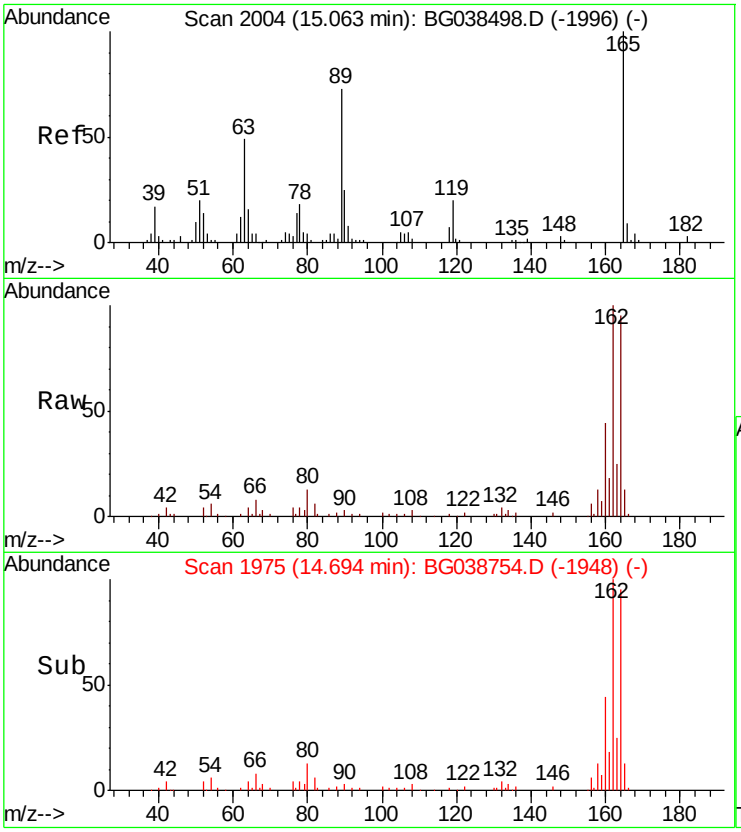


#51
2,6-Dinitrotoluene
Concen: 7.244 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:165 Resp: 9407

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



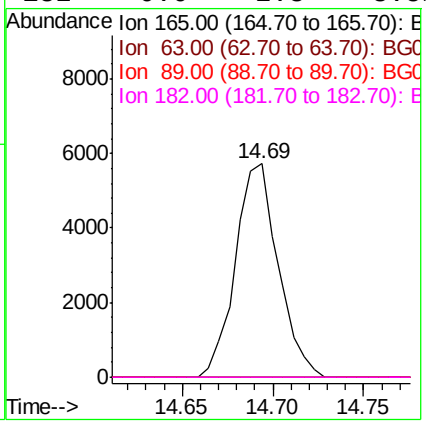


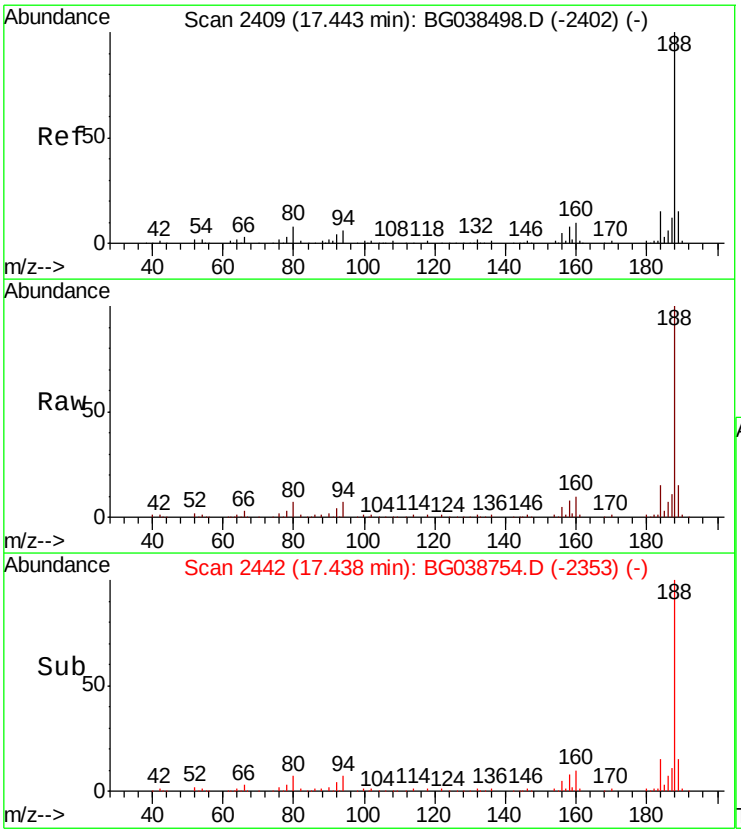
#57
2,4-Dinitrotoluene
Concen: 5.143 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9407

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

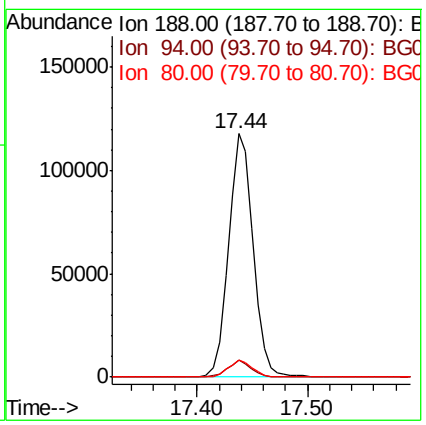


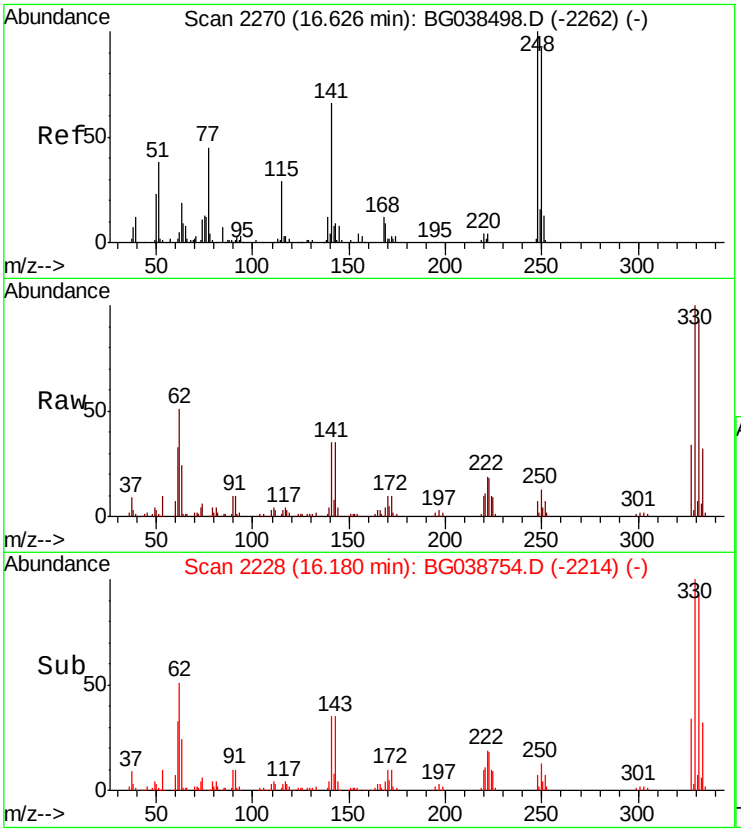


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:188 Resp: 183573

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	6.9	6.1	9.1



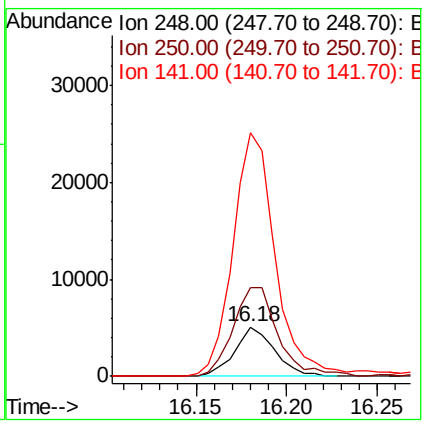


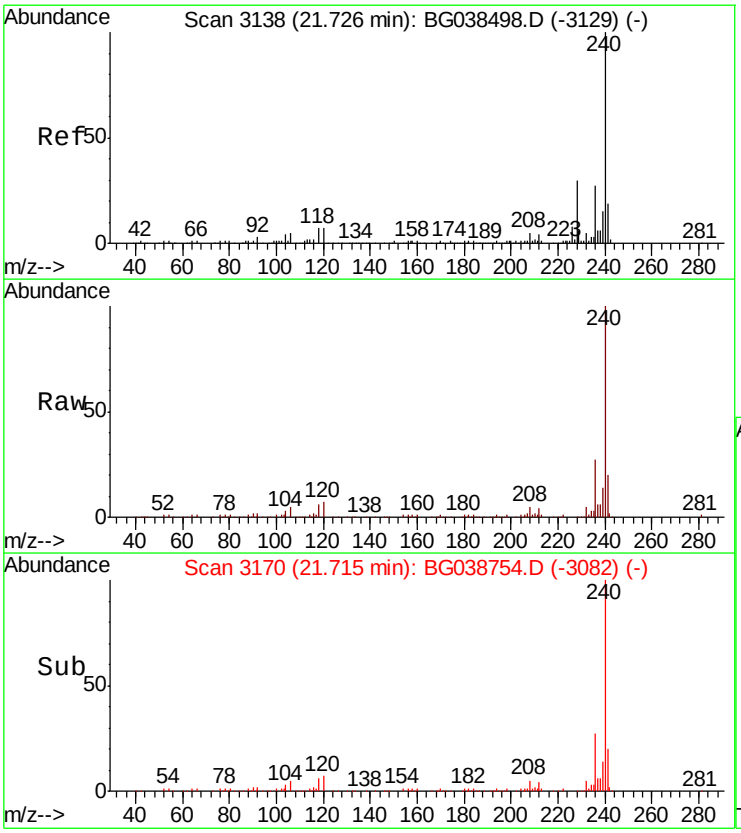
#67
4-Bromophenyl-phenylether
Concen: 3.460 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7758

Ion	Ratio	Lower	Upper
248	100		
250	177.6	73.4	110.2#
141	375.9	52.9	79.3#

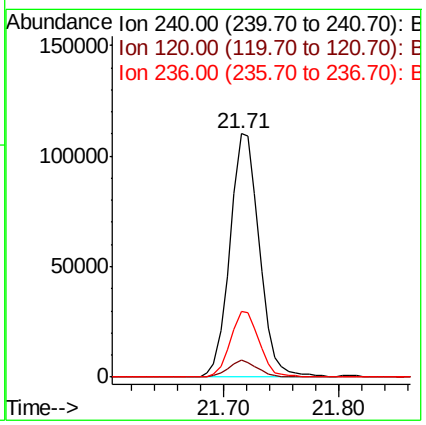


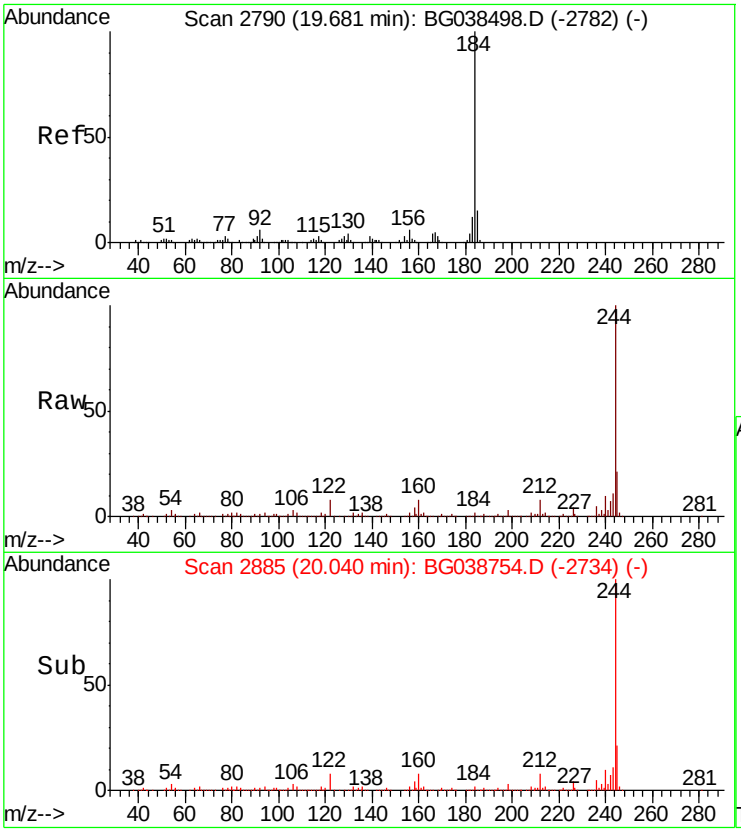


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:240 Resp: 194774

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	27.0	21.4	32.2



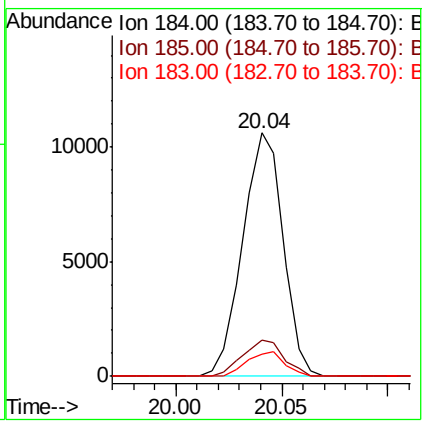


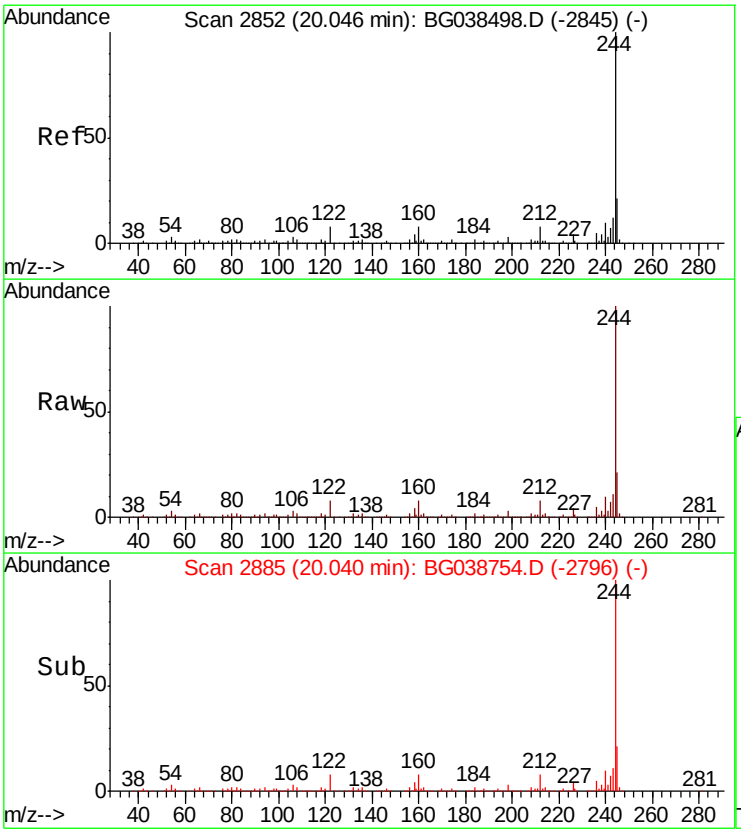
#77
Benzidine
Concen: 2.445 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 14085

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	9.2	9.6	14.4#

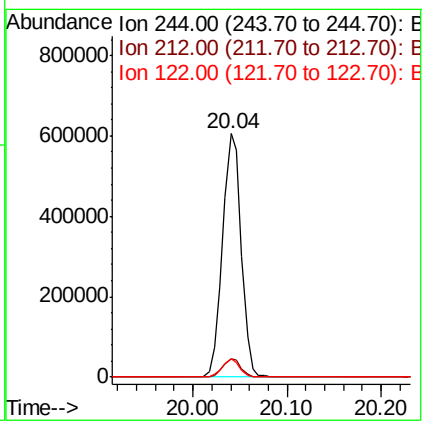


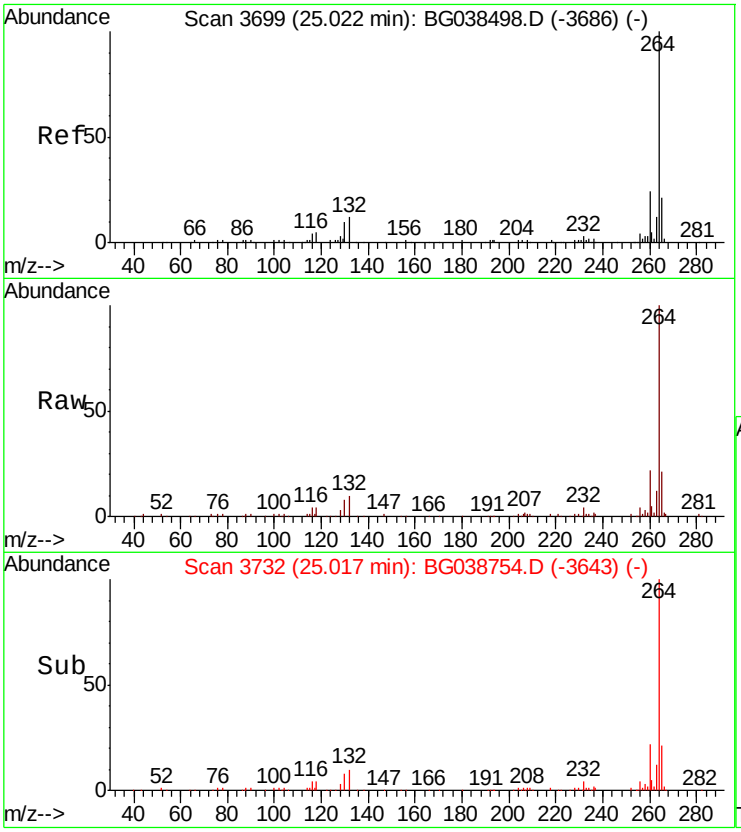


#79
Terphenyl-d14
Concen: 93.518 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Tgt Ion:244 Resp: 836955

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.7	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038754.D
Acq: 20 Dec 2018 8:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 203297

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	21.4	17.0	25.4