Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
Data File : BG039757.D
Acq On : 5 Mar 2019 8:51
Operator : JU/SJ
Sample : K1688-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-03-030119-G

Quant Time: Mar 05 11:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42571	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	180231	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	124007	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	324207	20.00	ng	0.00
76) Chrysene-d12	21.81	240	351967	20.00	ng	-0.02
87) Perylene-d12	25.19	264	347602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	348706	139.74	ng	0.00
7) Phenol-d6	7.30	99	462398	124.28	ng	0.00
23) Nitrobenzene-d5	9.34	82	329104	98.76	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	227163	157.16	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	776063	89.11	ng	-0.02
79) Terphenyl-d14	20.12	244	1440607	90.12	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	43177	16.122	ng	# 65
32) Benzoic acid	10.50	122	53	6.624	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	16293	7.412	ng	# 22
57) 2,4-Dinitrotoluene	14.78	165	16293	5.275	ng	# 17
67) 4-Bromophenyl-phenylether	16.27	248	18642	5.137	ng	# 1
77) Benzidine	20.12	184	25981	2.326	ng	# 94

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

Quantitation Report (Not Reviewed)

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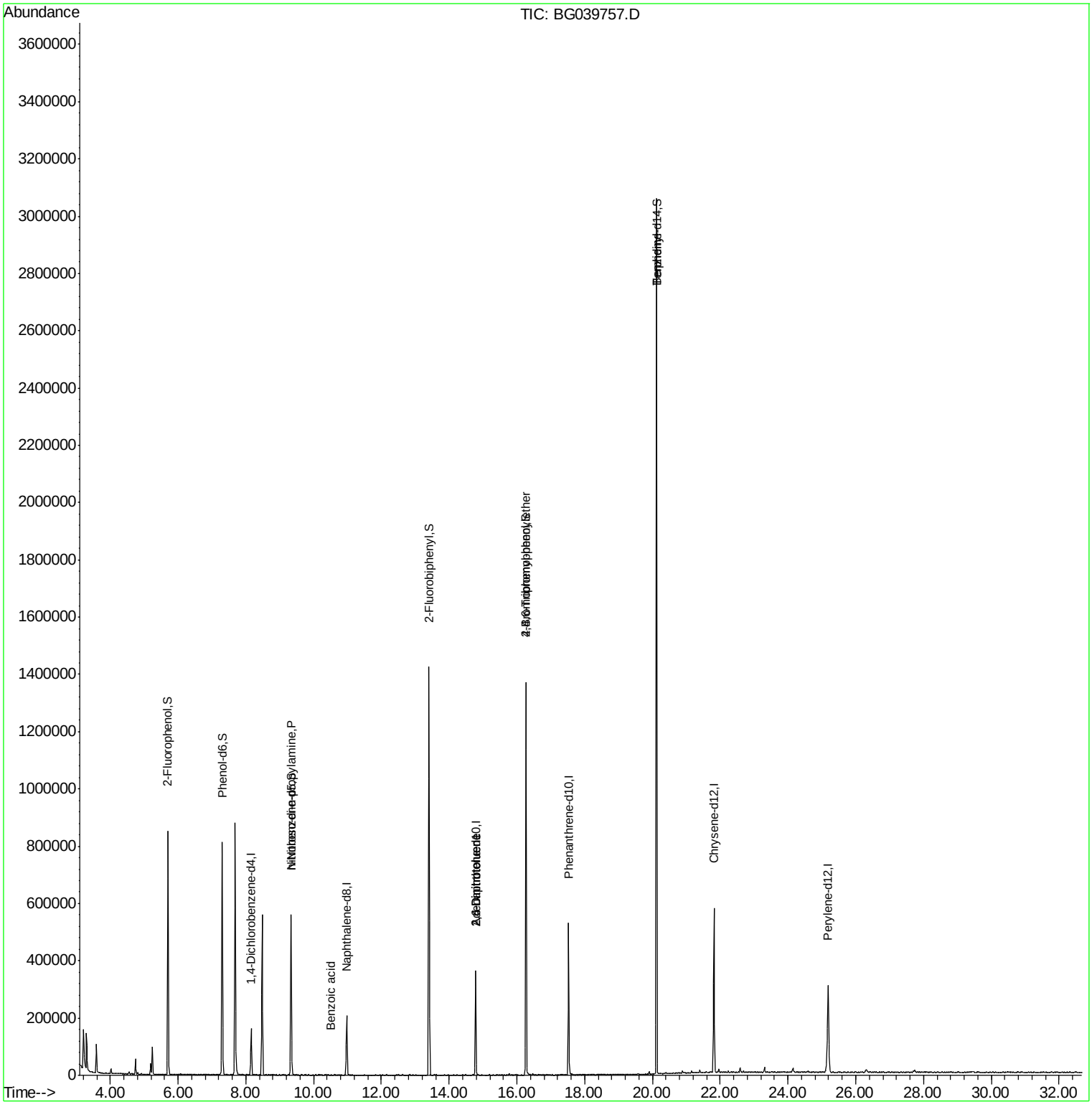
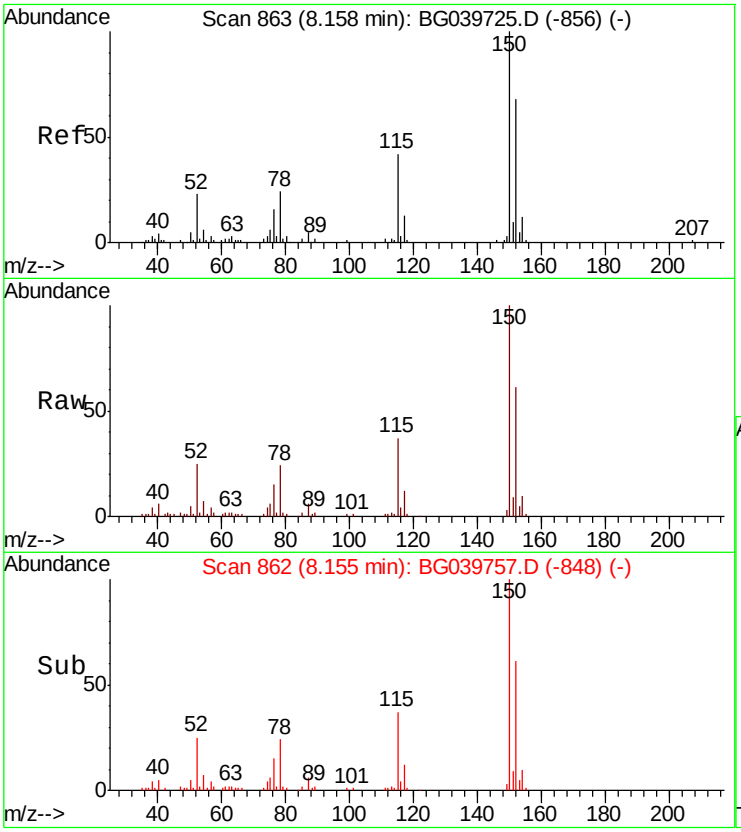


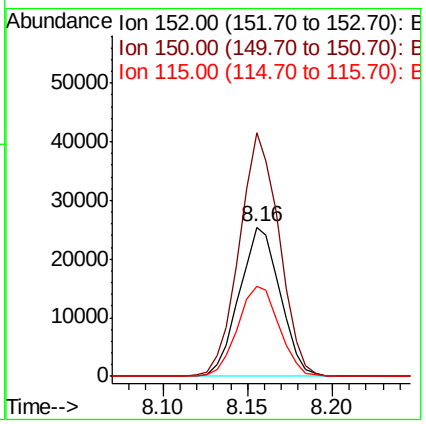


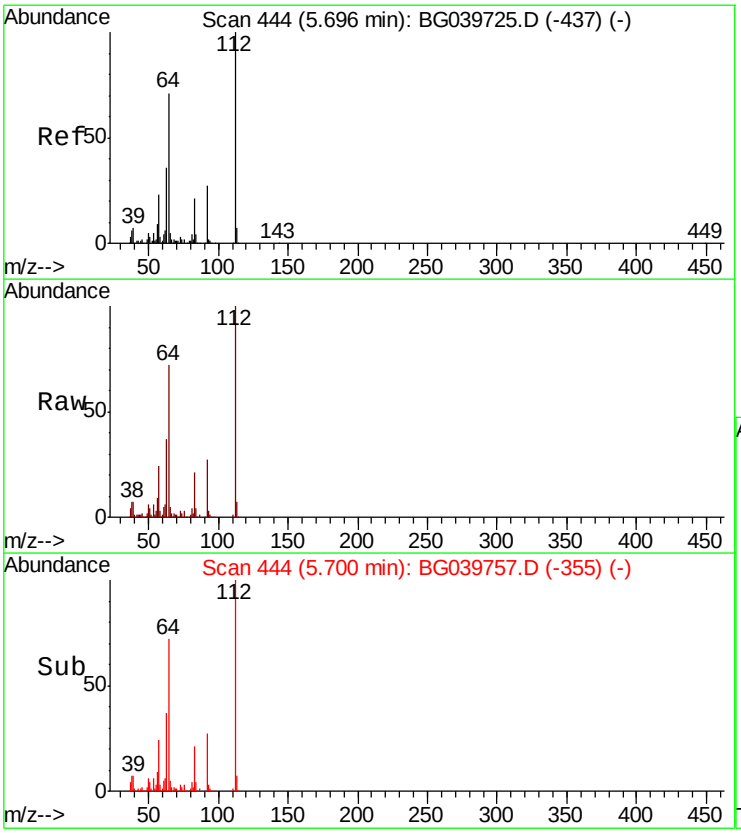
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:152 Resp: 42571

Ion	Ratio	Lower	Upper
152	100		
150	163.4	123.7	185.5
115	60.2	45.9	68.9

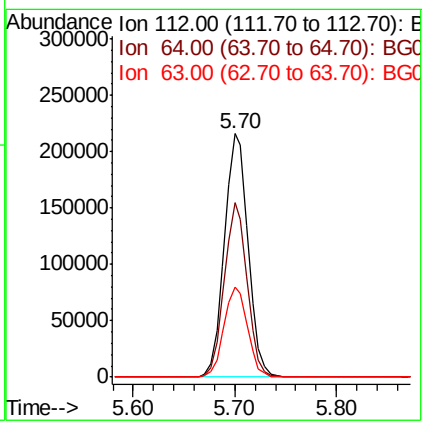


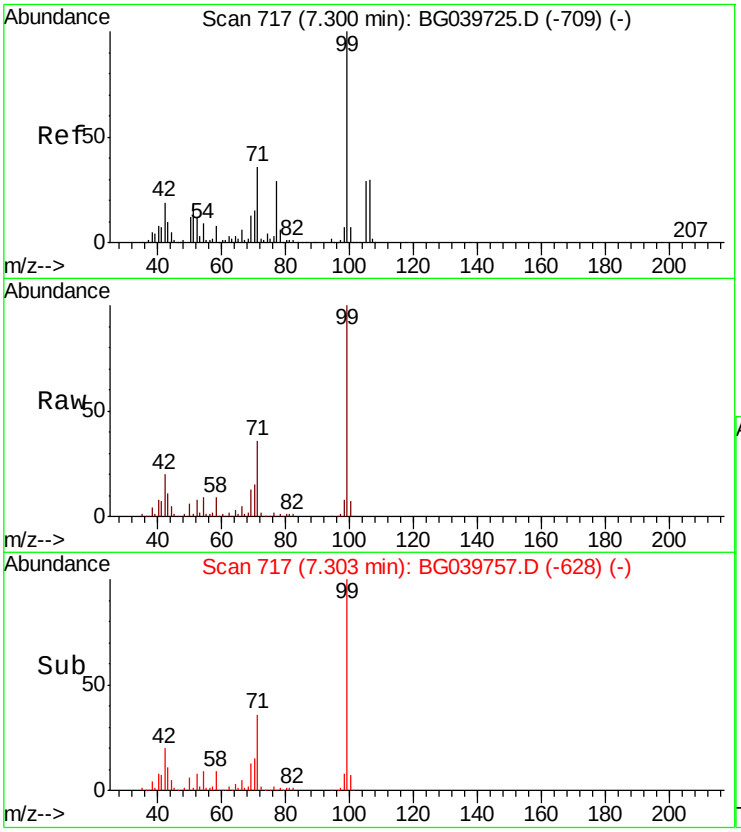


#5
2-Fluorophenol
Concen: 139.742 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:112 Resp: 348706

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.8	86.8
63	36.9	29.8	44.6



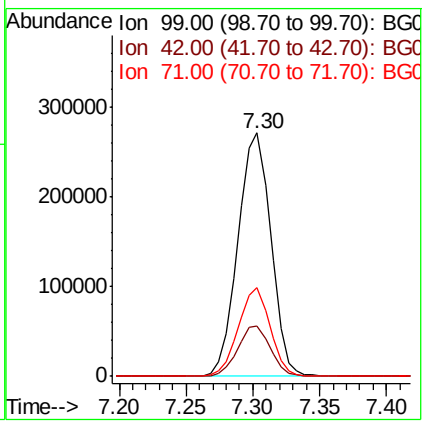


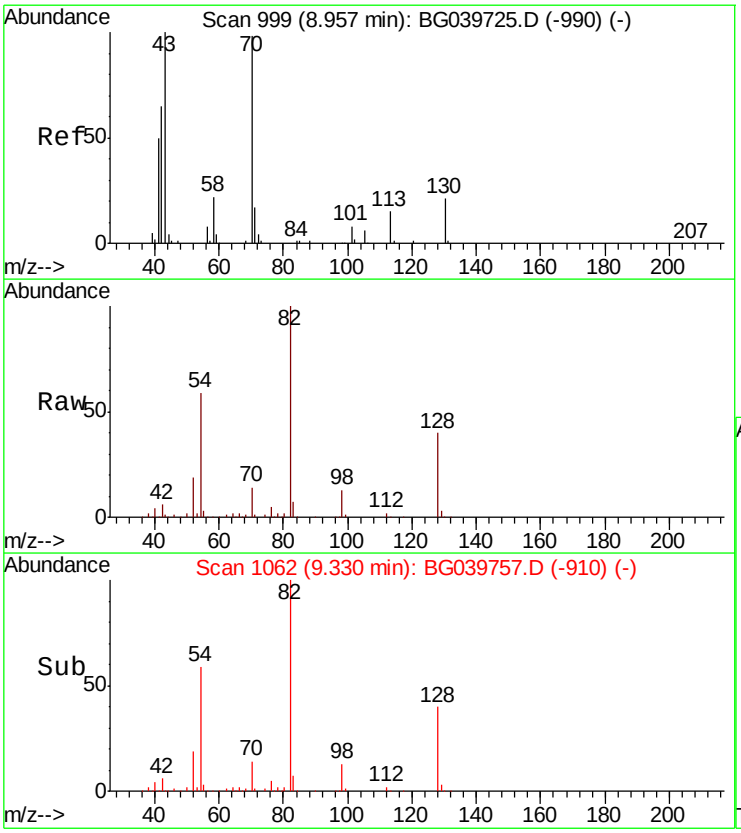
#7
Phenol-d6
Concen: 124.276 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion: 99 Resp: 462398

Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.2	27.2
71	36.3	28.0	42.0

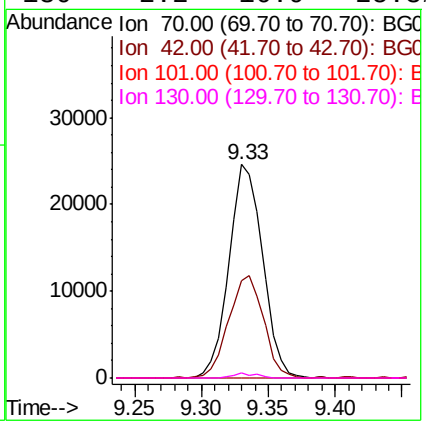


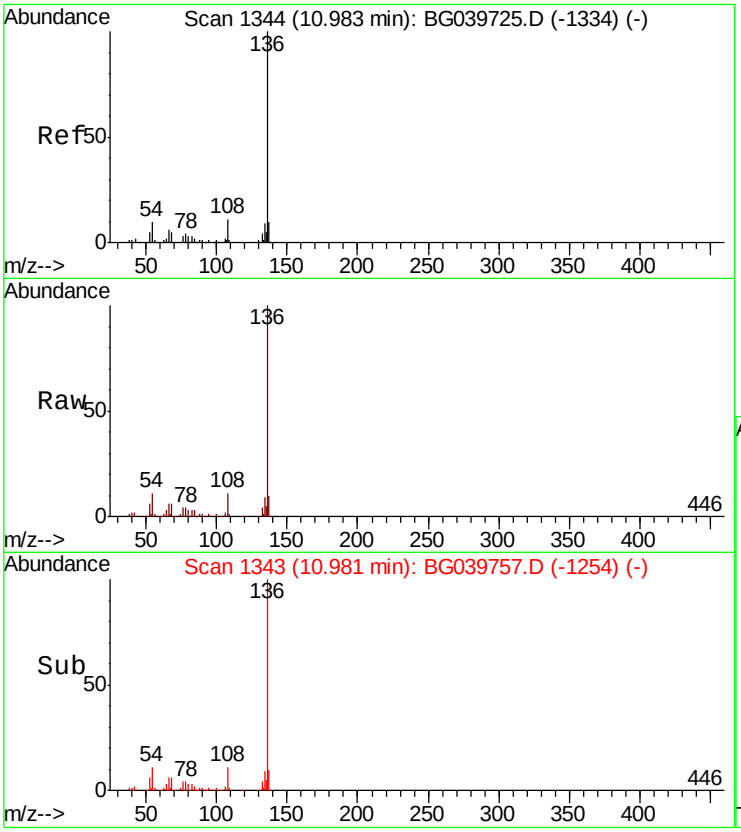


#19
n-Nitroso-di-n-propylamine
Concen: 16.122 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion: 70 Resp: 43177

Ion	Ratio	Lower	Upper
70	100		
42	45.6	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#



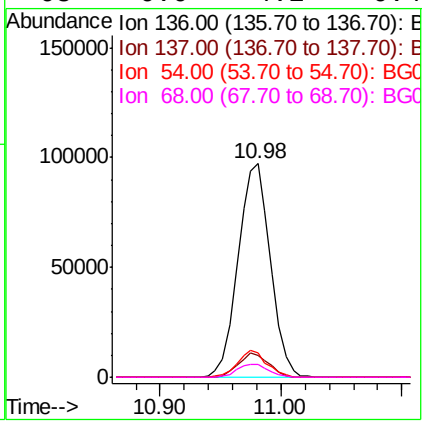


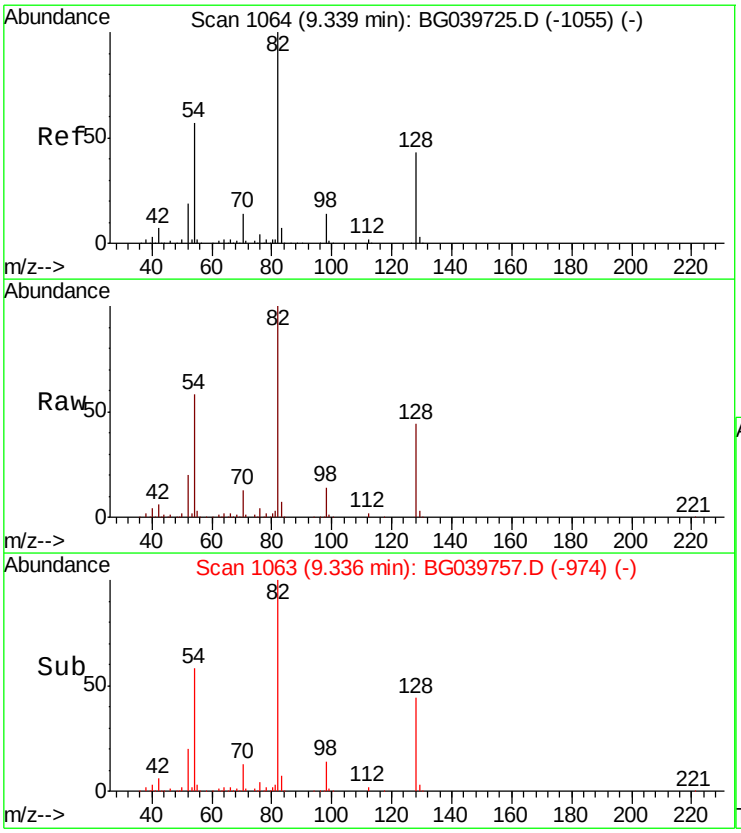
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:136 Resp: 180231

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	11.3	9.4	14.2
68	6.0	4.2	6.4

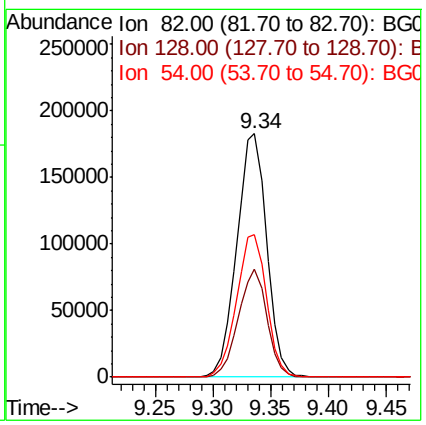


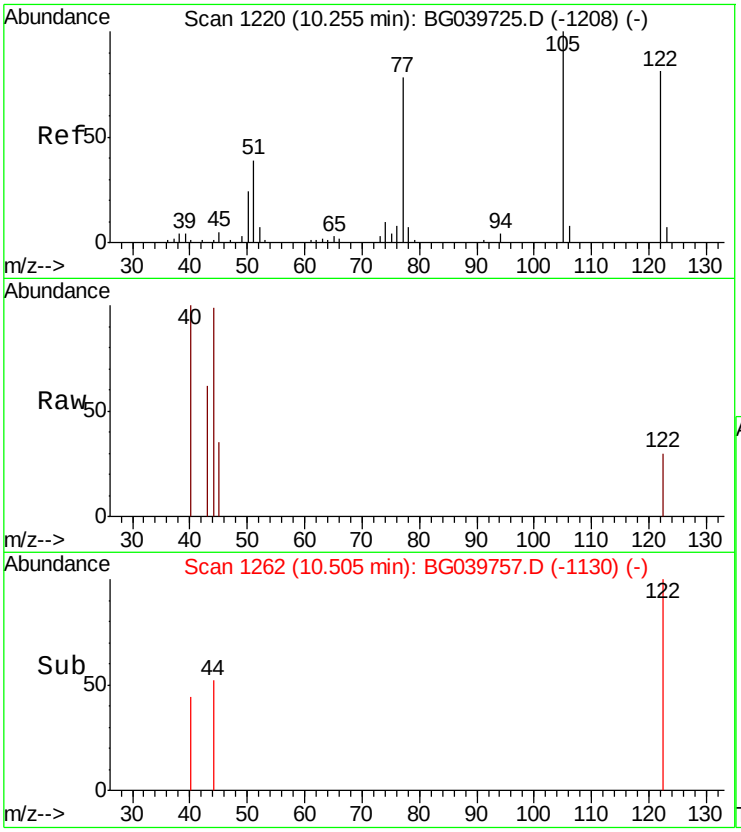


#23
Nitrobenzene-d5
Concen: 98.758 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion: 82 Resp: 329104

Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	58.4	50.9	76.3



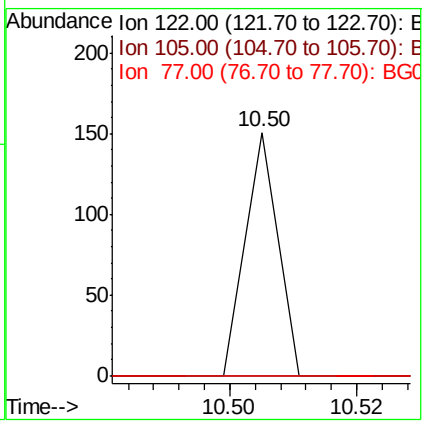


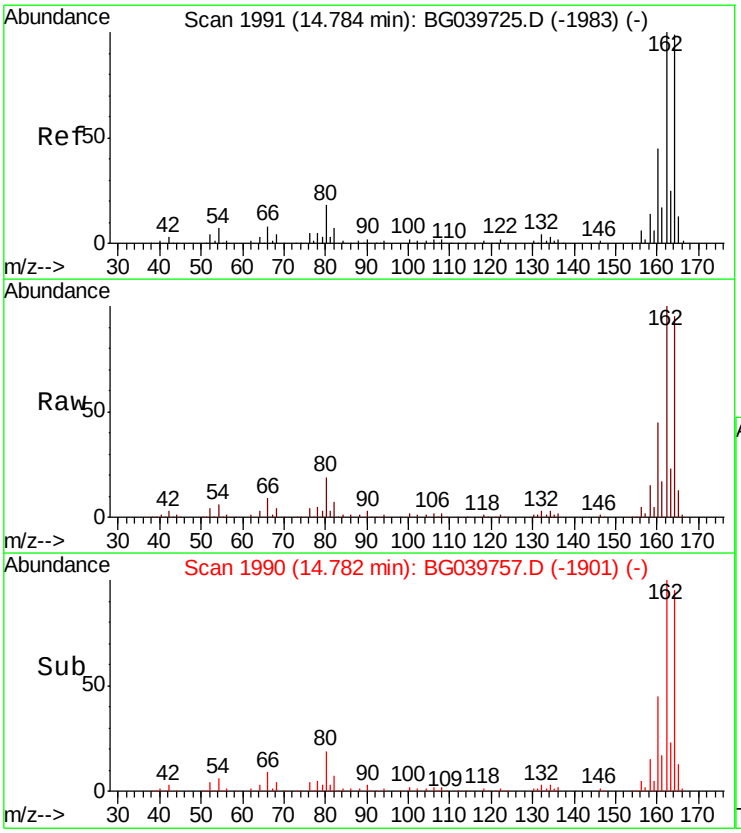
#32
Benzoic acid
Concen: 6.624 ng
RT: 10.50 min Scan# 1262
Delta R.T. 0.24 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

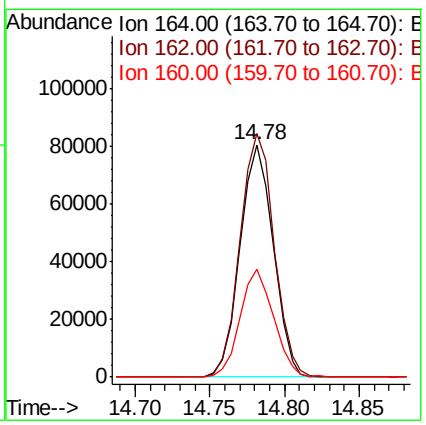


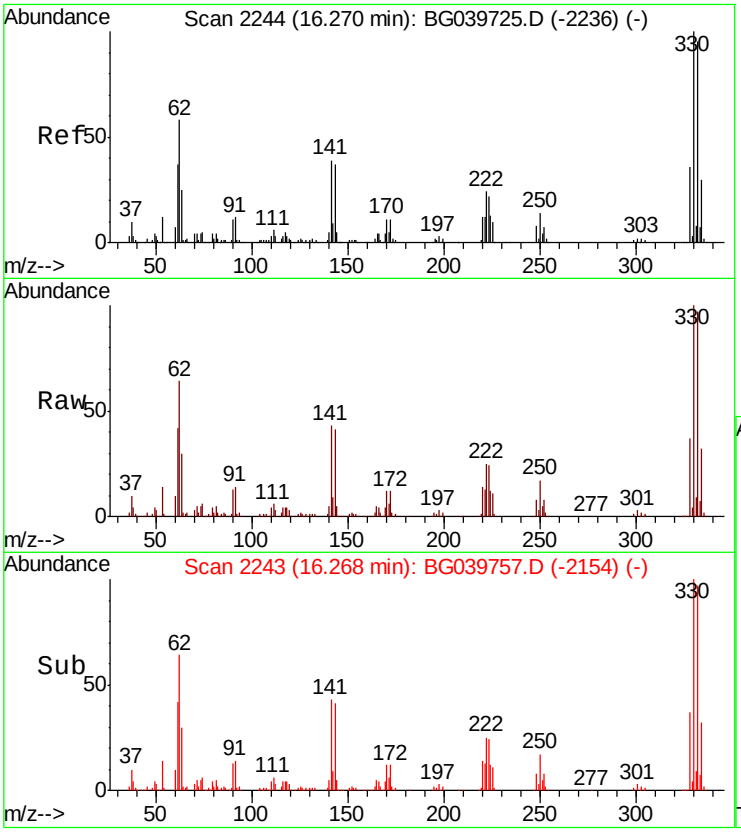


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:164 Resp: 124007

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	46.7	34.2	51.2



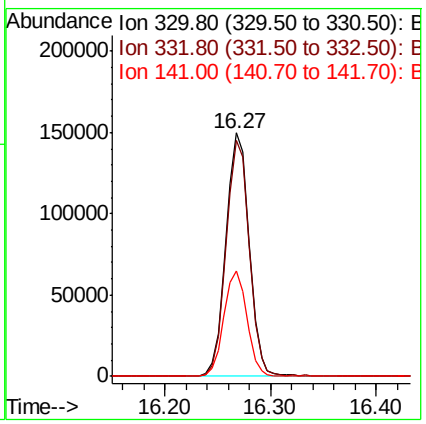


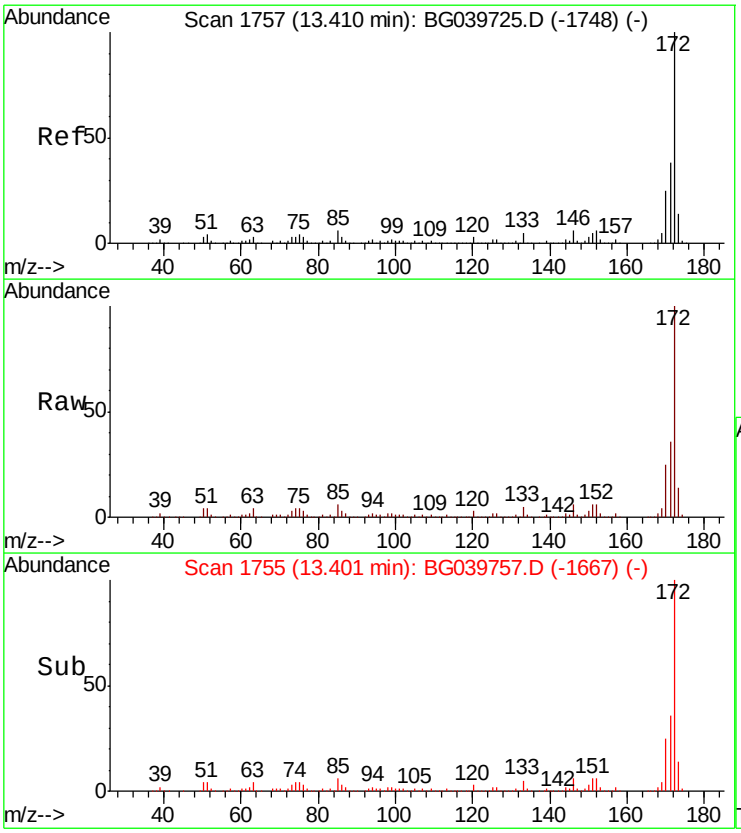
#42
2,4,6-Tribromophenol
Concen: 157.163 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:330 Resp: 227163

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	43.1	35.6	53.4

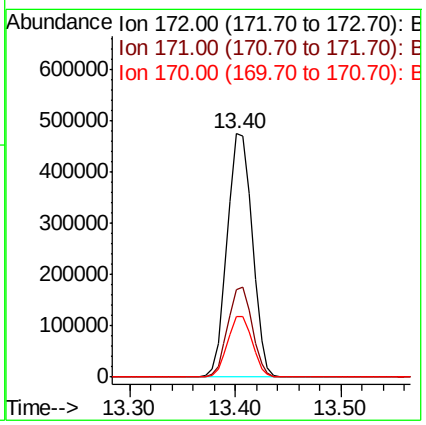


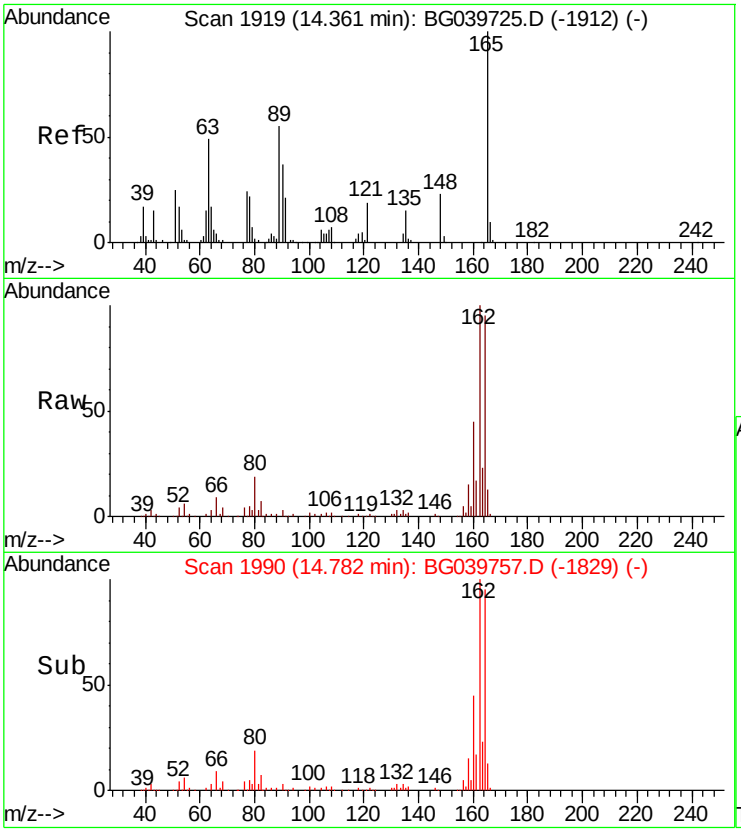


#45
2-Fluorobiphenyl
Concen: 89.106 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:172 Resp: 776063

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.9	20.2	30.4



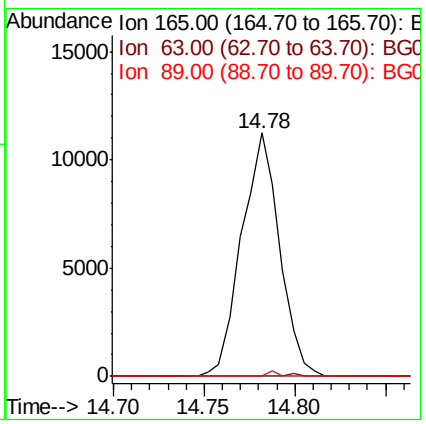


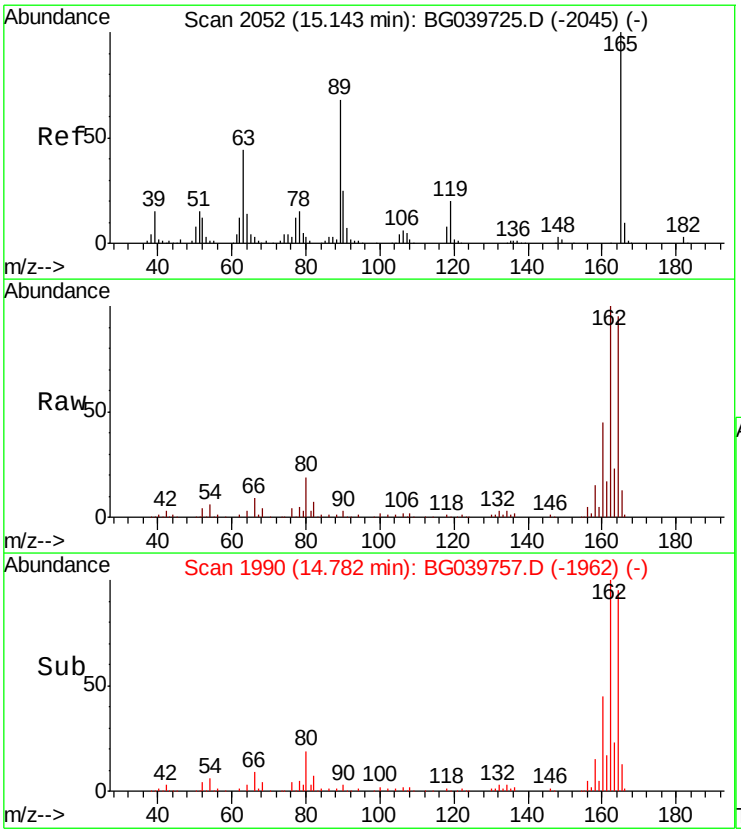
#51
2,6-Dinitrotoluene
Concen: 7.412 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:165 Resp: 16293

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	0.0	45.8	68.8#

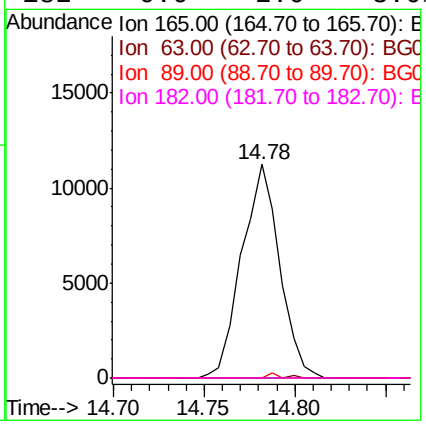


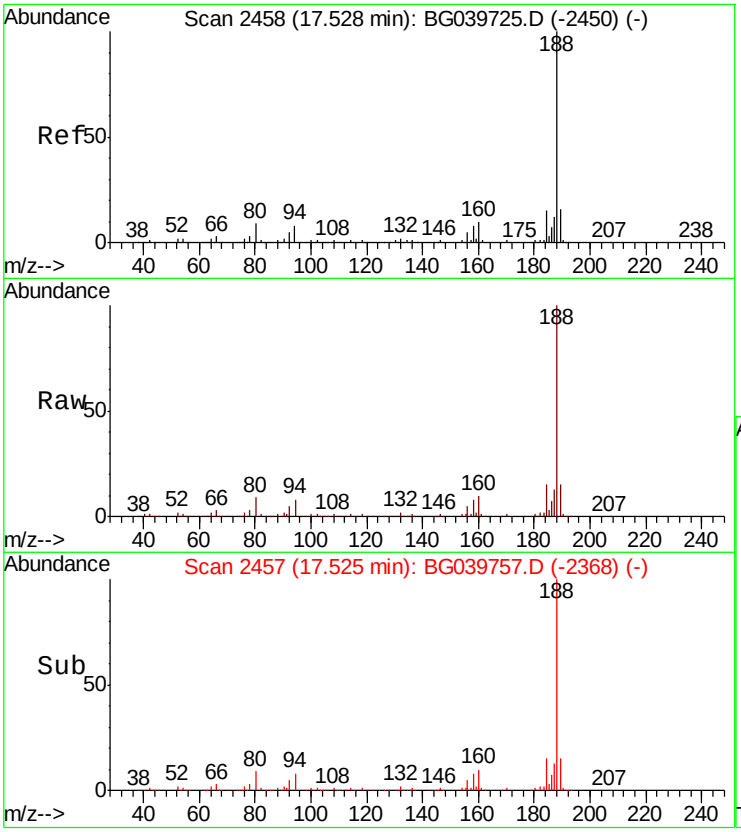


#57
2,4-Dinitrotoluene
Concen: 5.275 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:165 Resp: 16293

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



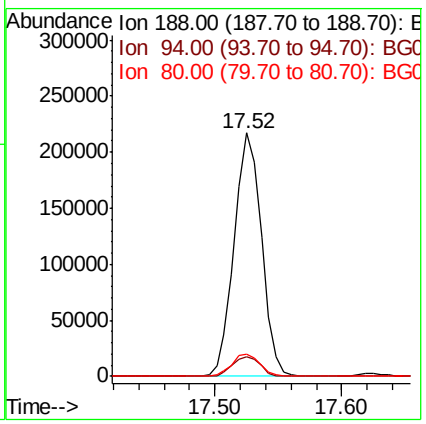


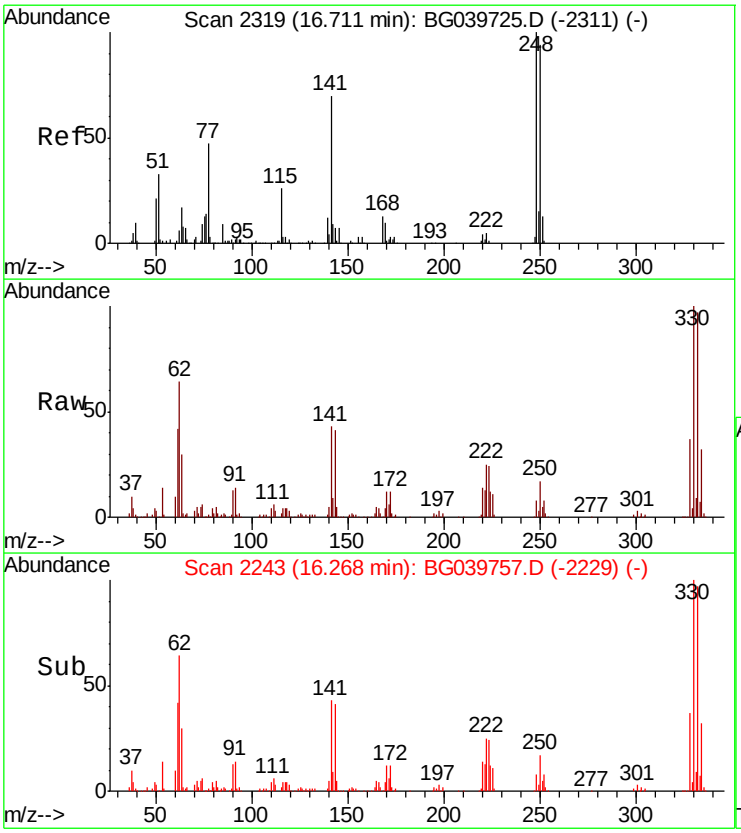
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:188 Resp: 324207

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.1	8.1	12.1

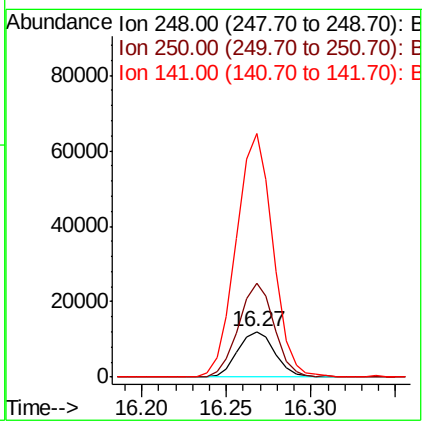


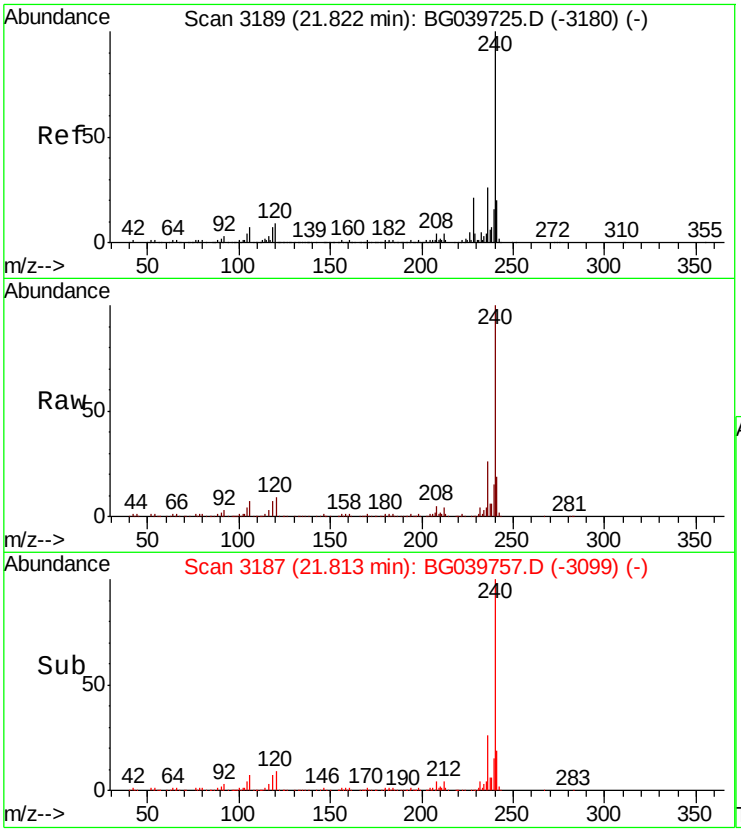


#67
4-Bromophenyl-phenylether
Concen: 5.137 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:248 Resp: 18642

Ion	Ratio	Lower	Upper
248	100		
250	207.8	77.6	116.4#
141	535.4	63.9	95.9#



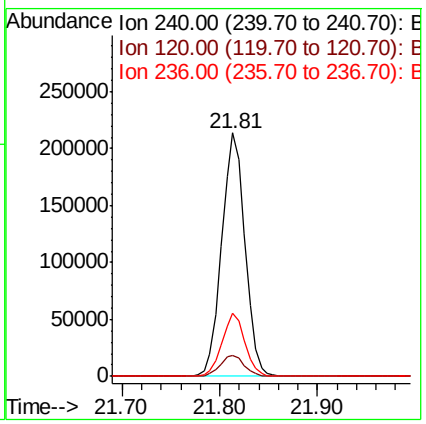


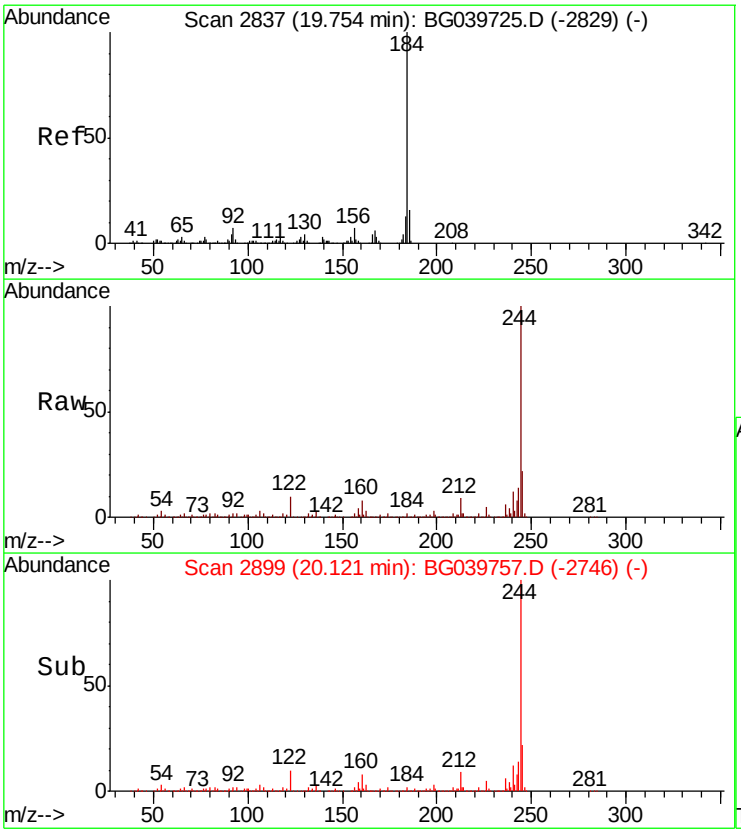
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:240 Resp: 351967

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	25.7	21.0	31.4

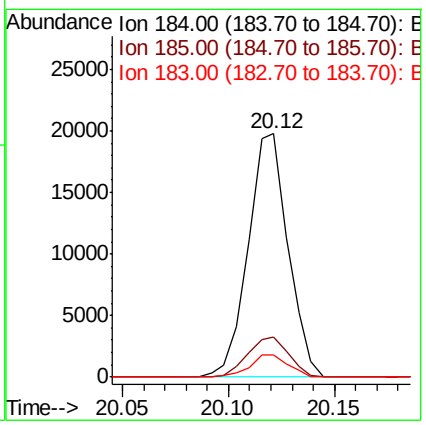


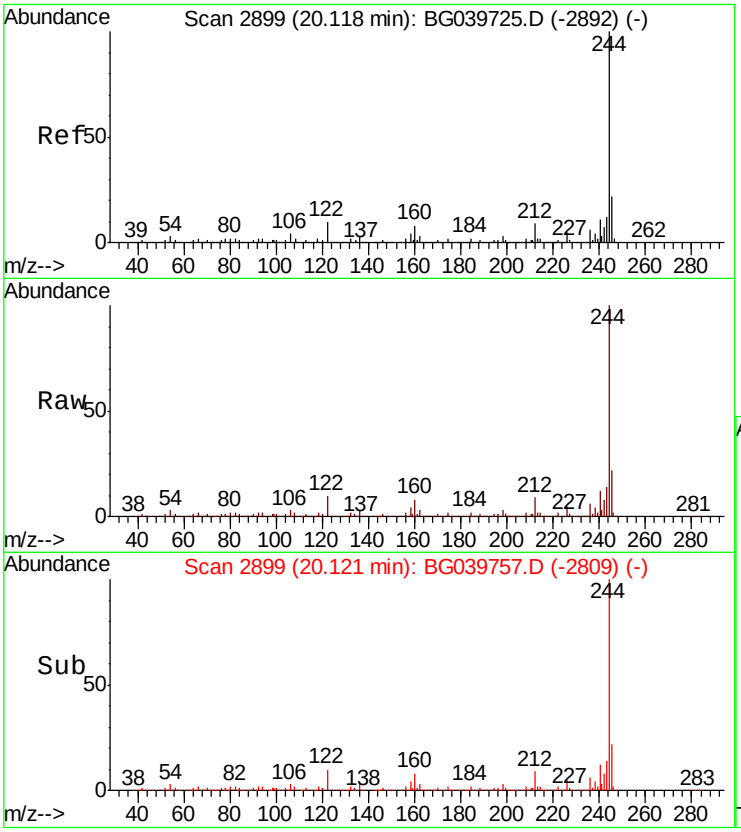


#77
Benzidine
Concen: 2.326 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.37 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:184 Resp: 25981

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.2	18.2
183	9.3	10.6	15.8#



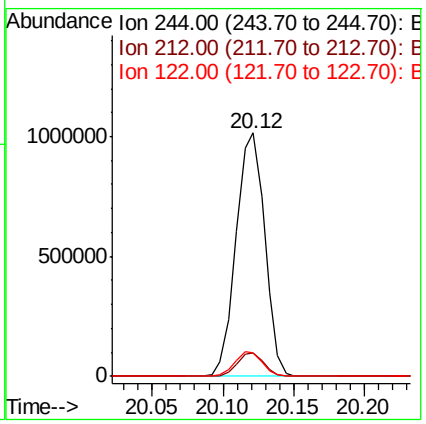


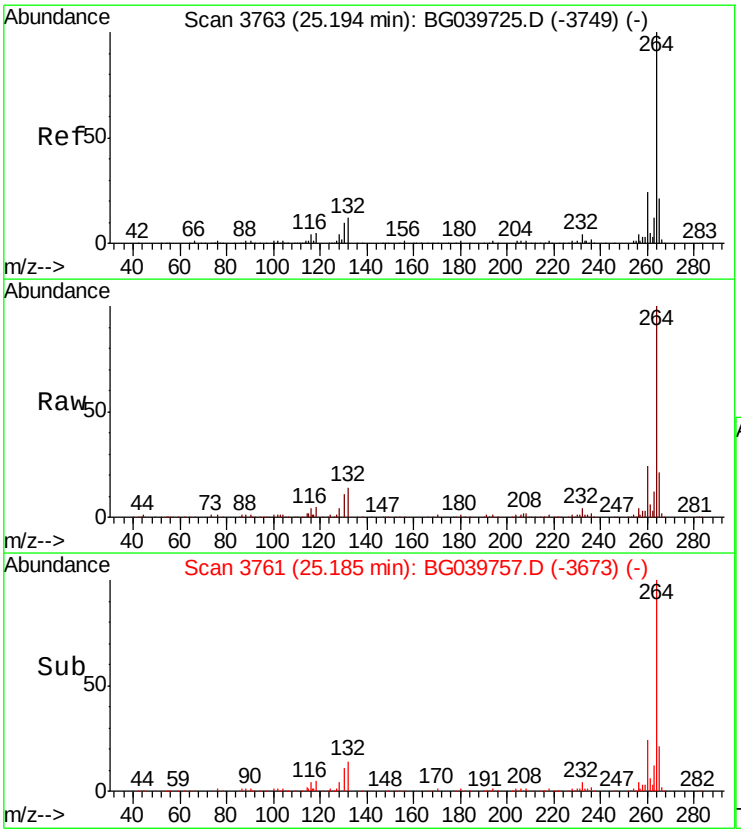
#79
Terphenyl-d14
Concen: 90.120 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Instrument :
BNA_G
ClientSampleId :
JC-03-030119-G

Tgt Ion:244 Resp: 1440607

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039757.D
Acq: 5 Mar 2019 8:51

Tgt Ion:264 Resp: 347602

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.9	18.5	27.7