Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
Data File : BG039890.D
Acq On : 13 Mar 2019 2:10
Operator : JU/SJ
Sample : K1687-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-031119-B

Quant Time: Mar 13 05:51:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41868	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	165141	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	114422	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	294587	20.00	ng	0.00
76) Chrysene-d12	21.81	240	327709	20.00	ng	0.00
87) Perylene-d12	25.17	264	316568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	320929	130.77	ng	0.00
7) Phenol-d6	7.30	99	401892	109.83	ng	0.00
23) Nitrobenzene-d5	9.33	82	329156	107.80	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	217978	163.44	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	767442	95.50	ng	0.00
79) Terphenyl-d14	20.12	244	1449308	97.38	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	42487	16.131	ng	# 64
32) Benzoic acid	10.05	122	75	6.638	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	14632	7.214	ng	# 25
54) 2,4-Dinitrophenol	15.26	184	70	5.307	ng	# 18
57) 2,4-Dinitrotoluene	14.78	165	14632	5.134	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	16669	5.055	ng	# 1
77) Benzidine	20.12	184	25814	2.482	ng	# 95

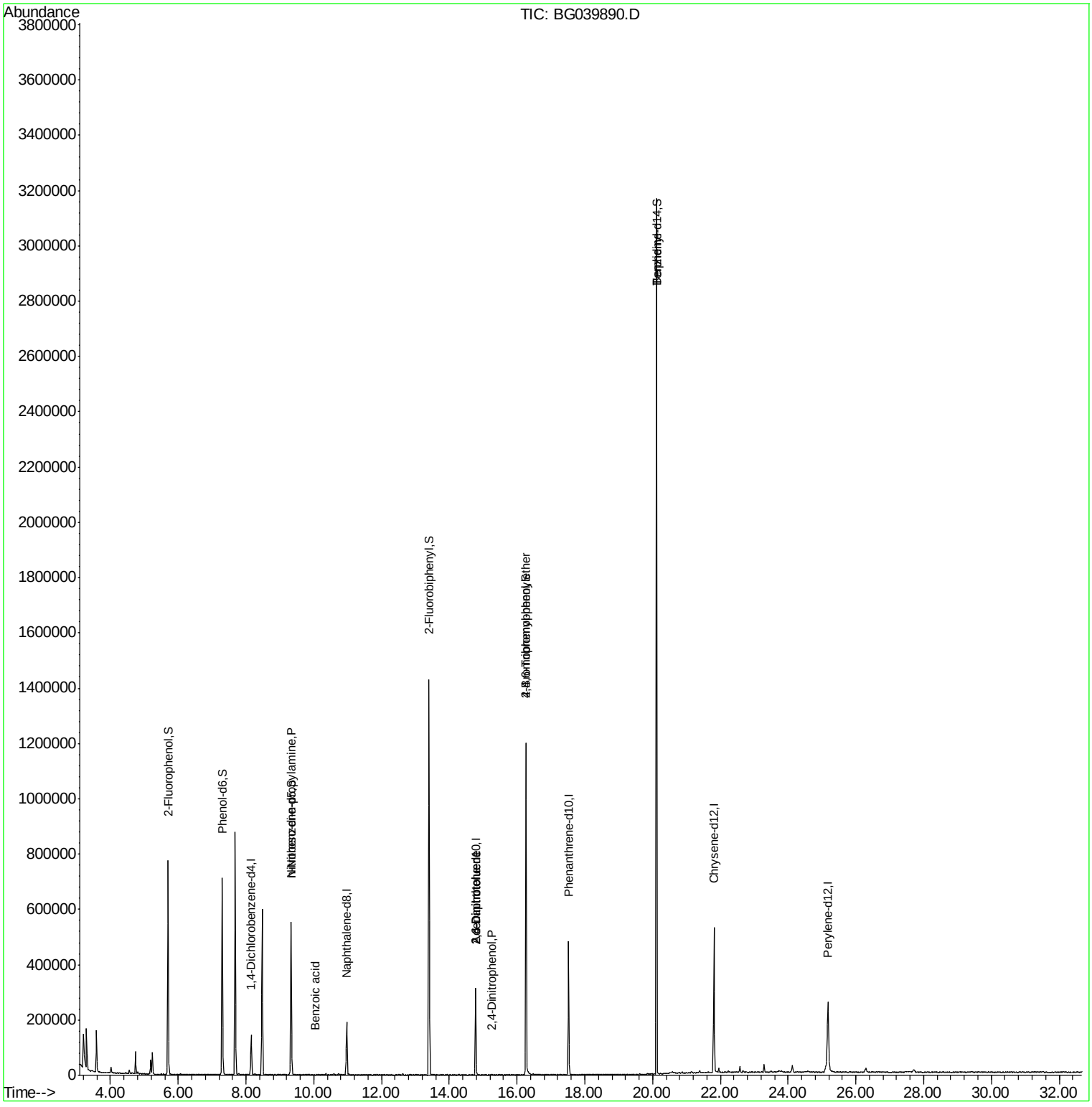
(#) = qualifier out of range (m) = manual integration (+) = signals summed

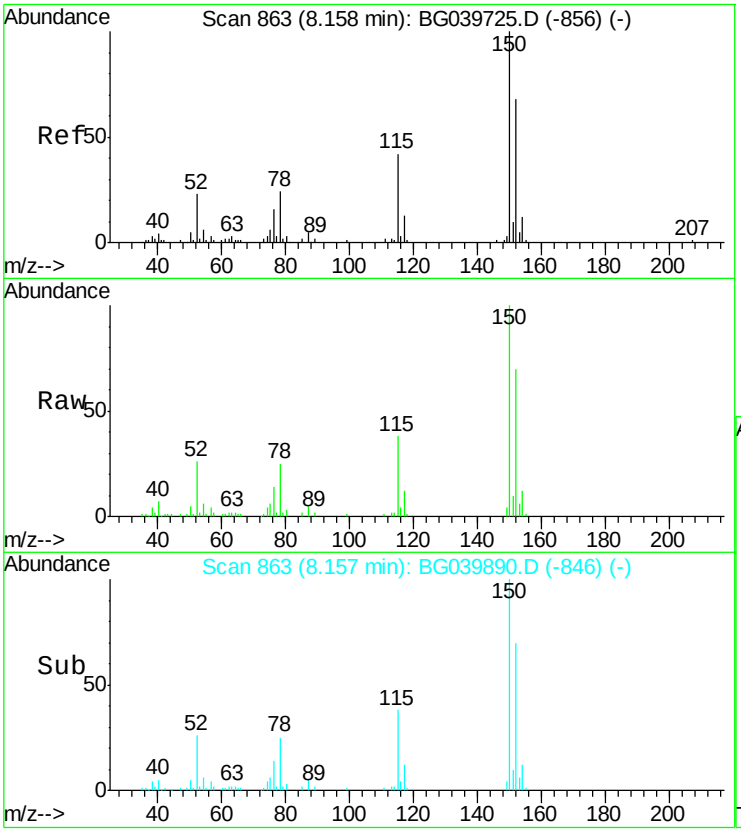
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
Data File : BG039890.D
Acq On : 13 Mar 2019 2:10
Operator : JU/SJ
Sample : K1687-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Quant Time: Mar 13 05:51:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration



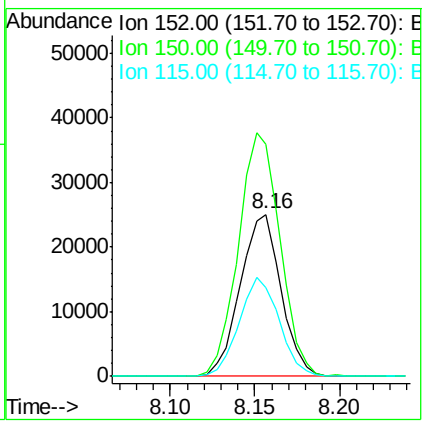


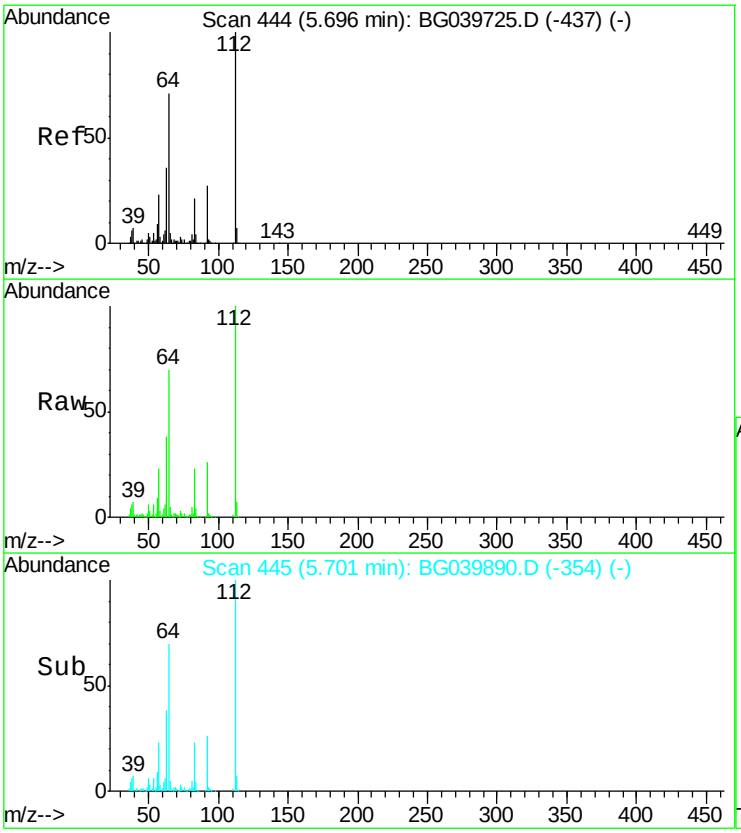
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:152 Resp: 41868

Ion	Ratio	Lower	Upper
152	100		
150	143.7	123.7	185.5
115	54.9	45.9	68.9

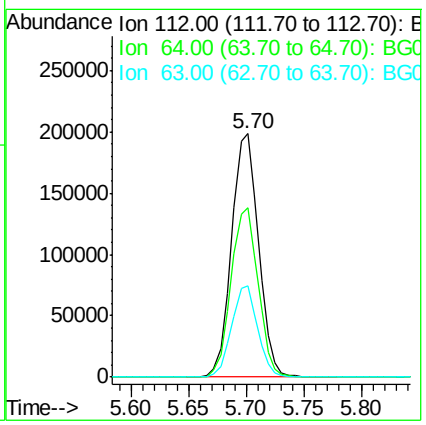


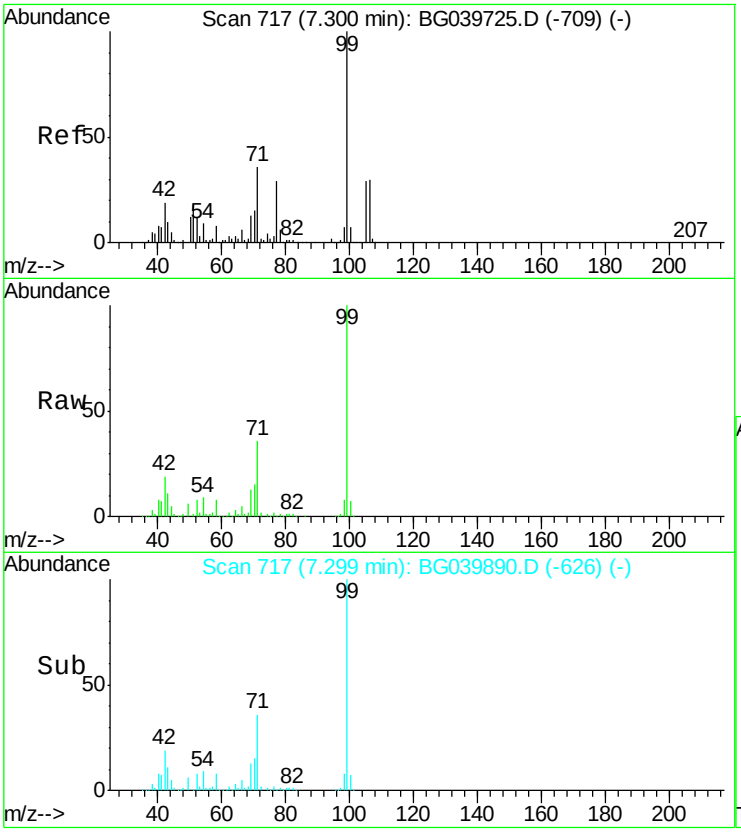


#5
2-Fluorophenol
Concen: 130.770 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion:112 Resp: 320929

Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	37.6	29.8	44.6



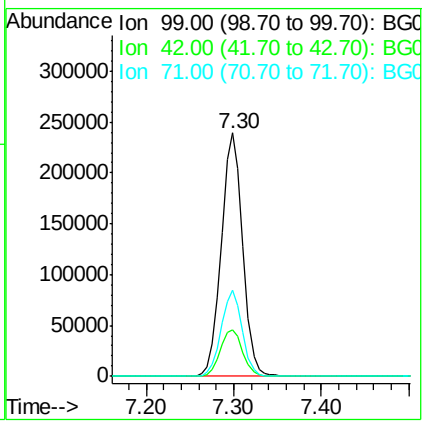


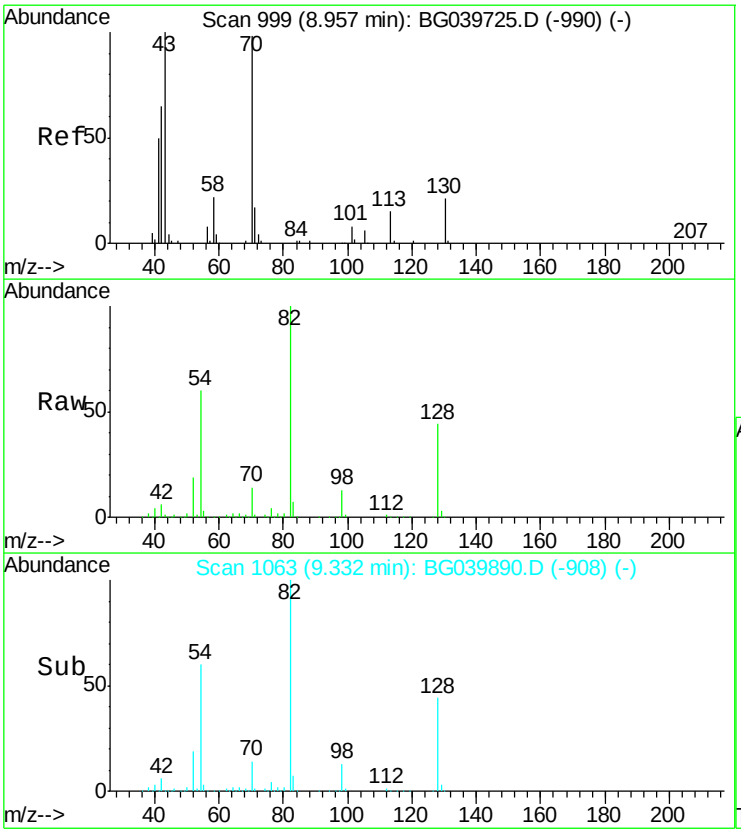
#7
Phenol-d6
Concen: 109.828 ng
RT: 7.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion: 99 Resp: 401892

Ion	Ratio	Lower	Upper
99	100		
42	18.9	18.2	27.2
71	35.6	28.0	42.0

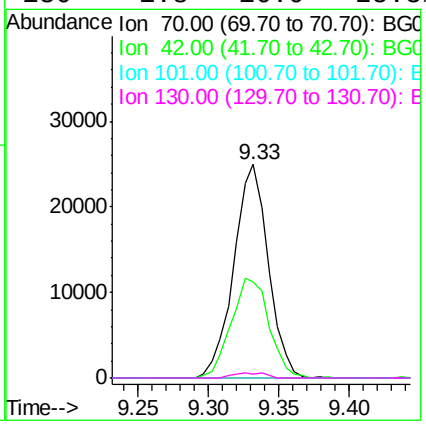


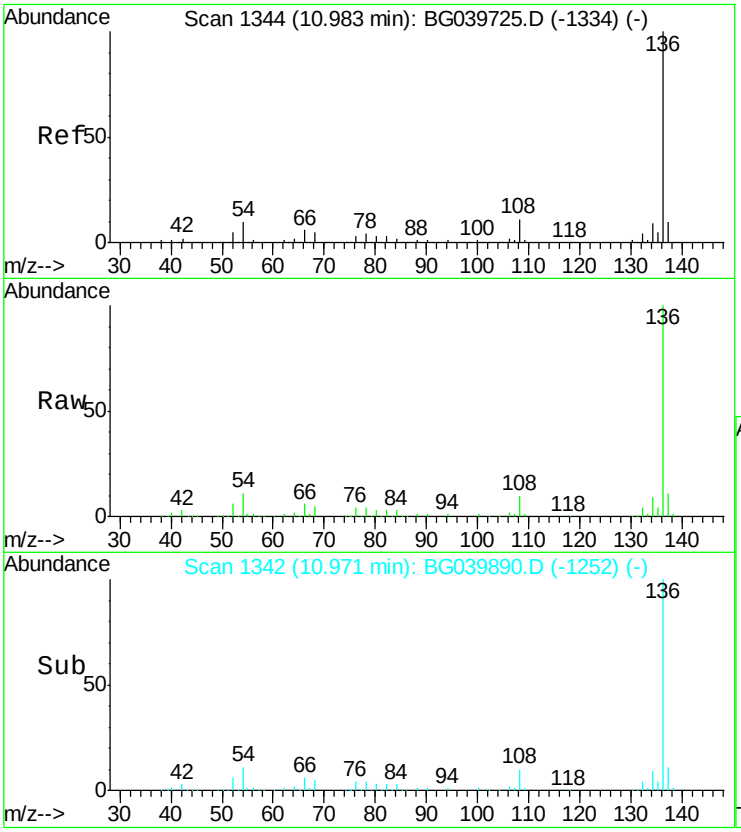


#19
n-Nitroso-di-n-propylamine
Concen: 16.131 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.38 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion: 70 Resp: 42487

Ion	Ratio	Lower	Upper
70	100		
42	45.0	60.4	90.6#
101	0.0	7.5	11.3#
130	1.8	16.9	25.3#



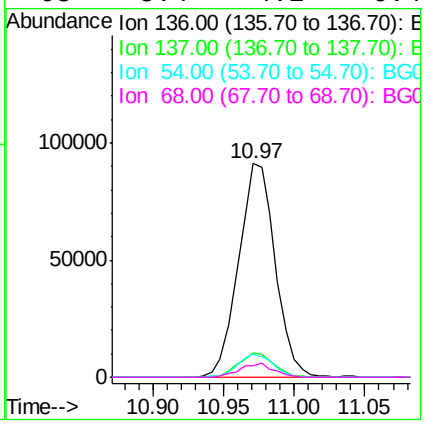


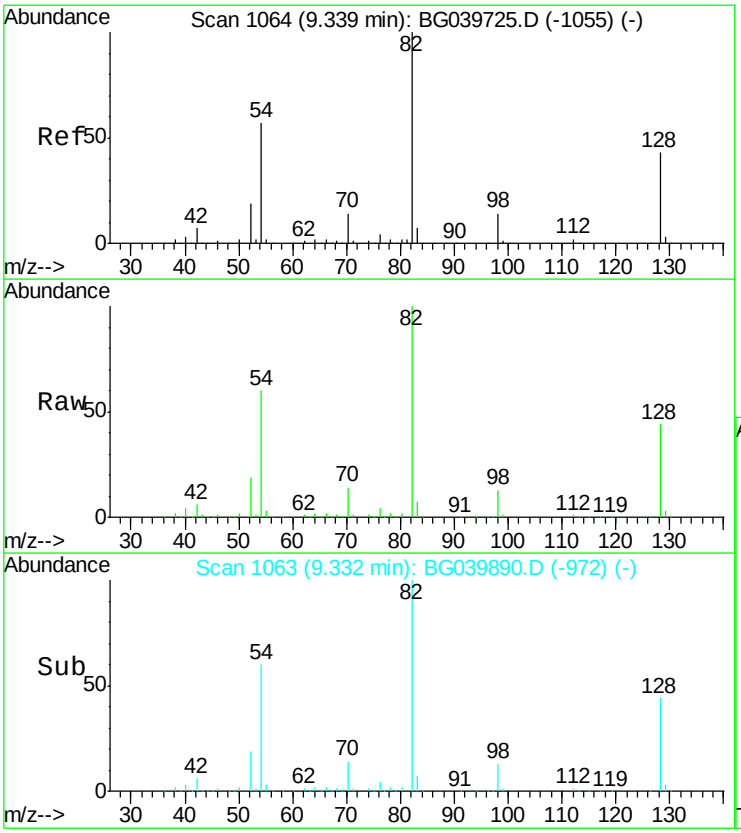
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:136 Resp: 165141

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.7	9.4	14.2
68	5.4	4.2	6.4

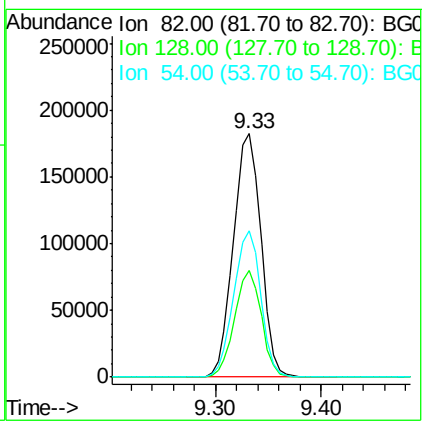


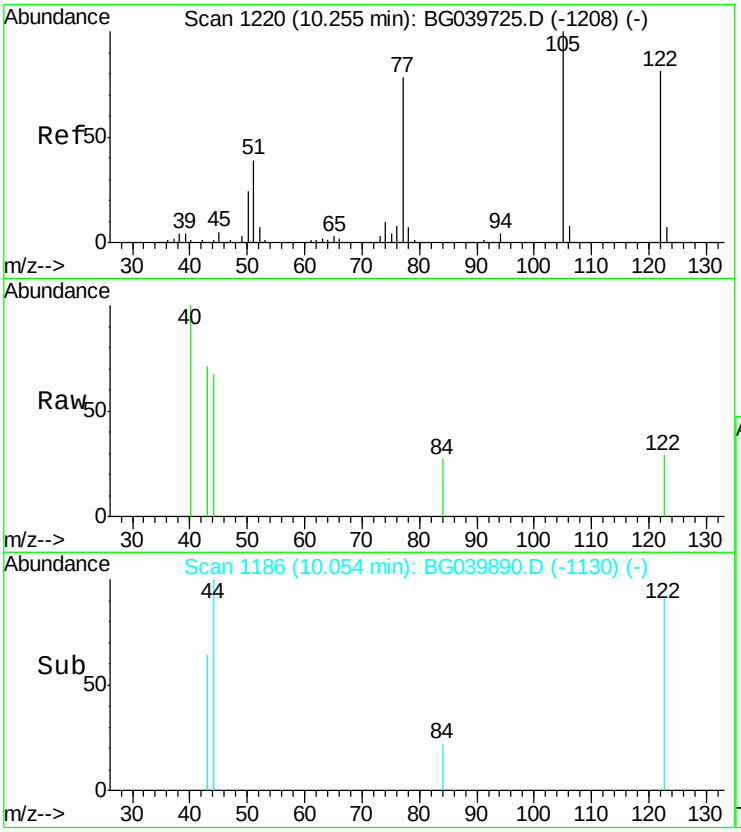


#23
Nitrobenzene-d5
Concen: 107.799 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion: 82 Resp: 329156

Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	60.1	50.9	76.3



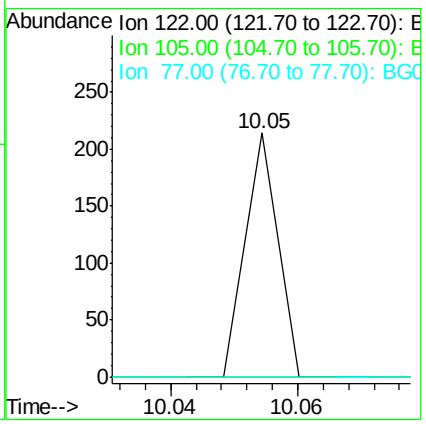


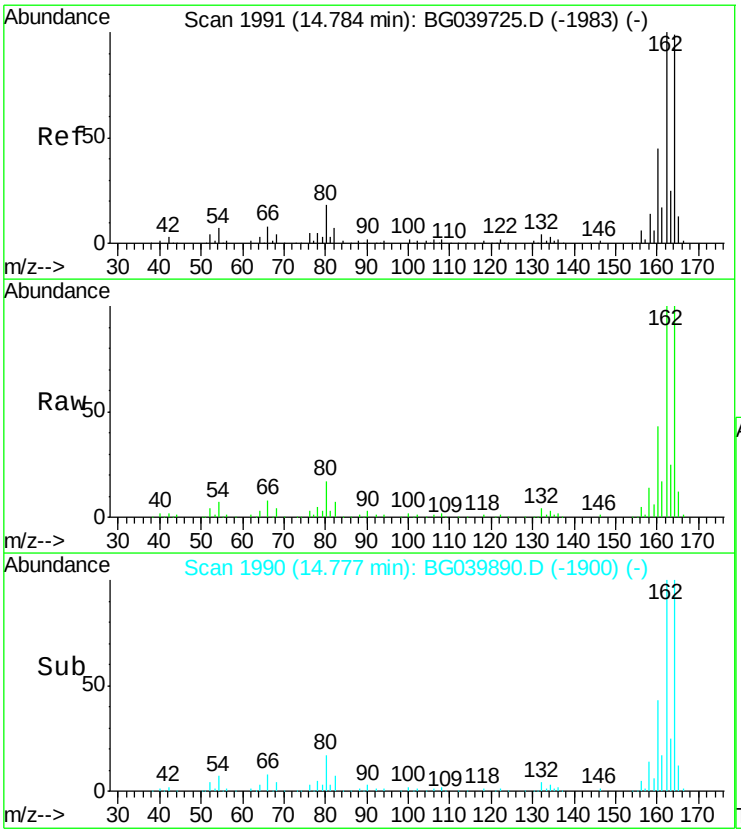
#32
Benzoic acid
Concen: 6.638 ng
RT: 10.05 min Scan# 1186
Delta R.T. -0.20 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:122 Resp: 75

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

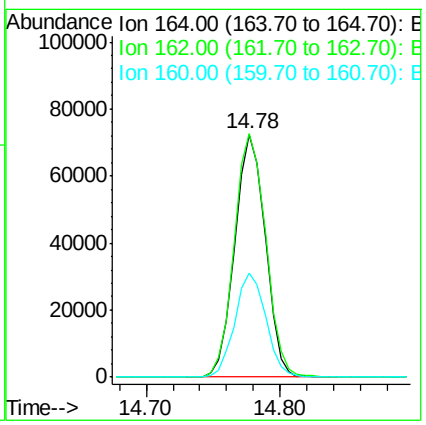


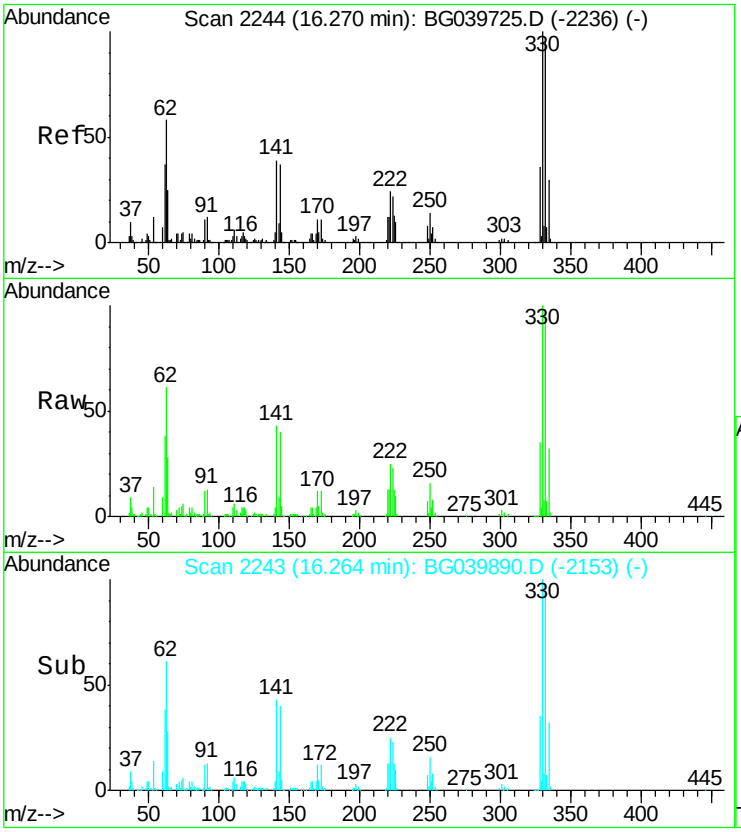


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion:164 Resp: 114422

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.6	122.4
160	42.7	34.2	51.2



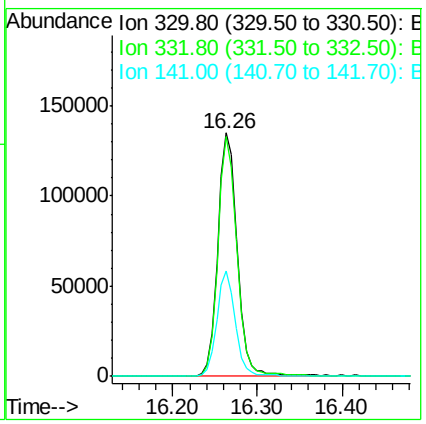


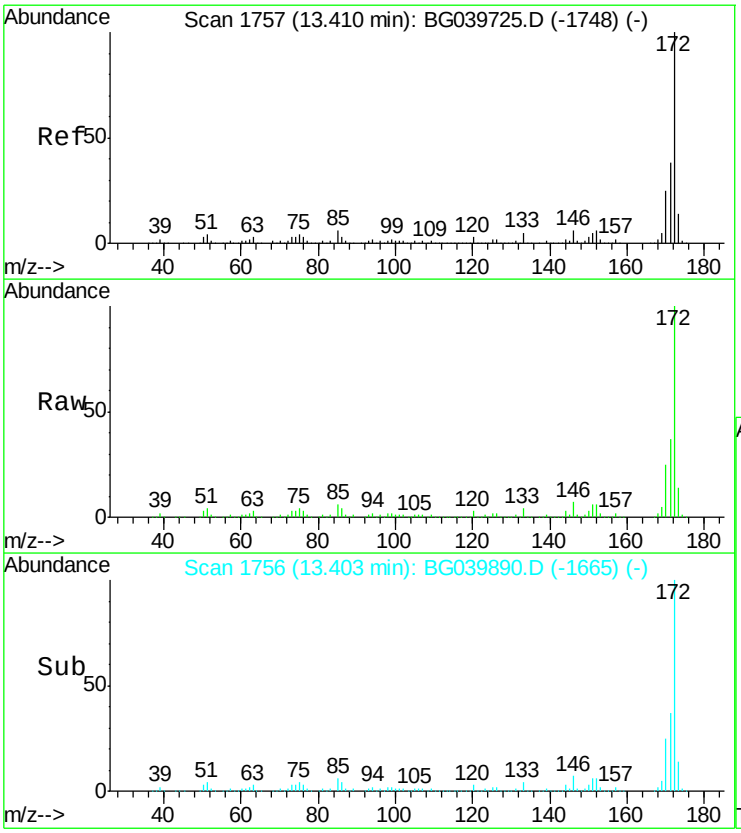
#42
2,4,6-Tribromophenol
Concen: 163.442 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:330 Resp: 217978

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	41.7	35.6	53.4

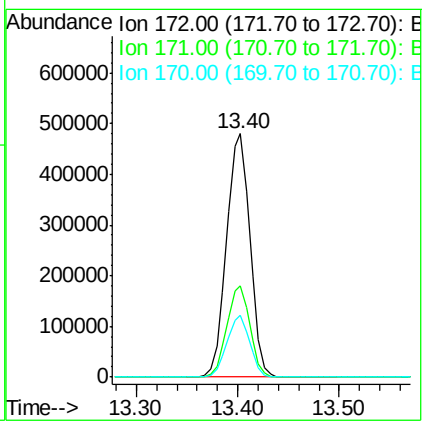


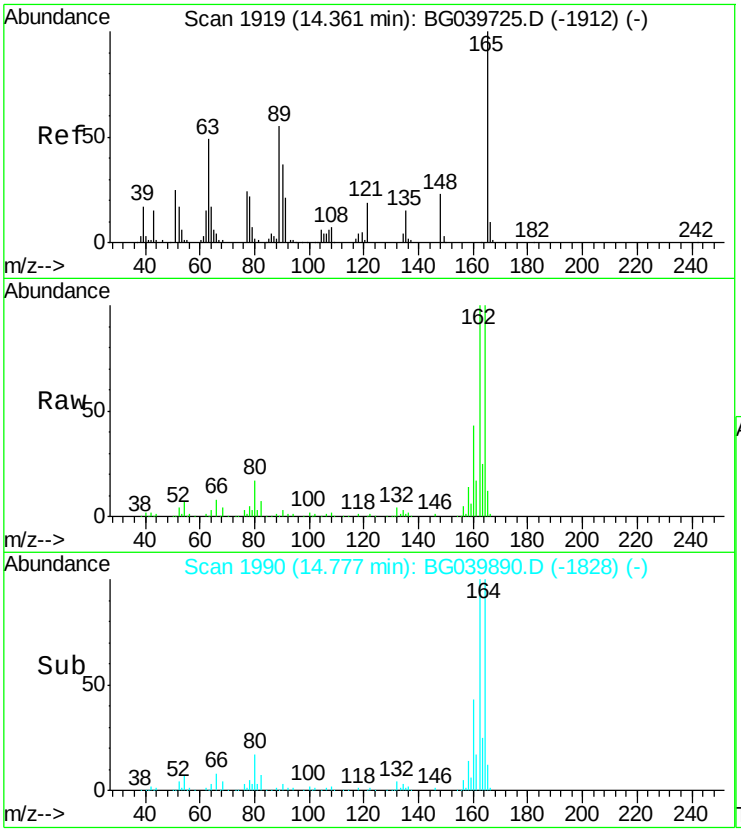


#45
2-Fluorobiphenyl
Concen: 95.498 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion:172 Resp: 767442

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.2	20.2	30.4



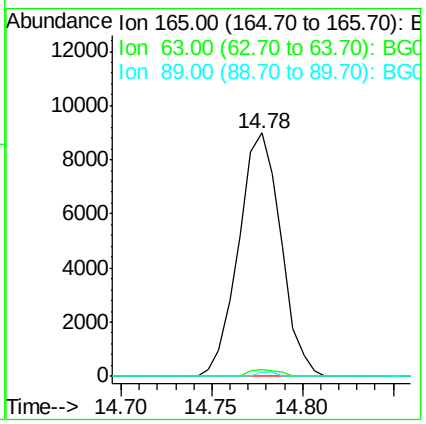


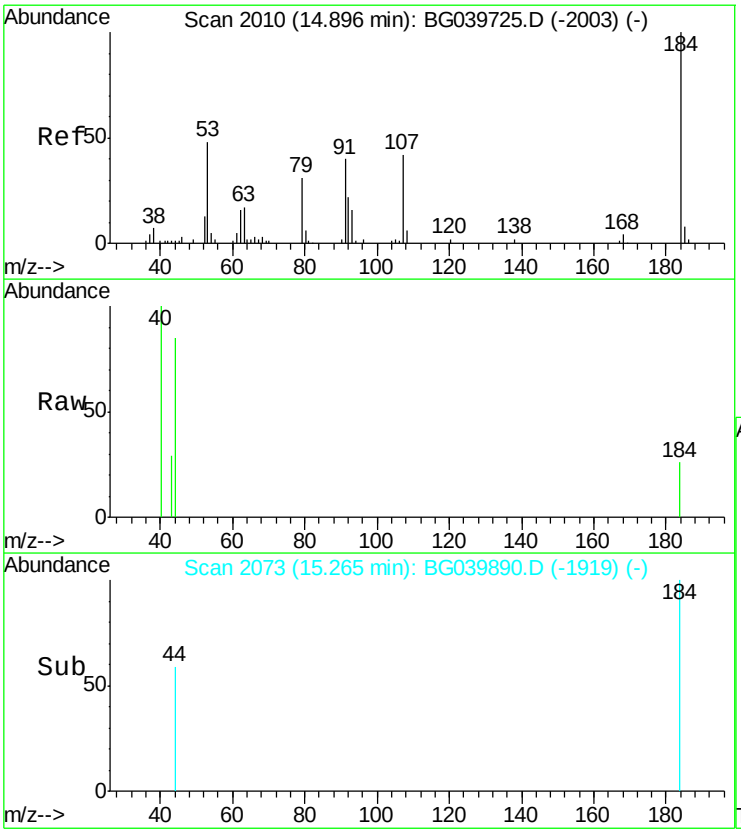
#51
2,6-Dinitrotoluene
Concen: 7.214 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.42 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:165 Resp: 14632

Ion	Ratio	Lower	Upper
165	100		
63	2.9	47.0	70.6#
89	1.7	45.8	68.8#

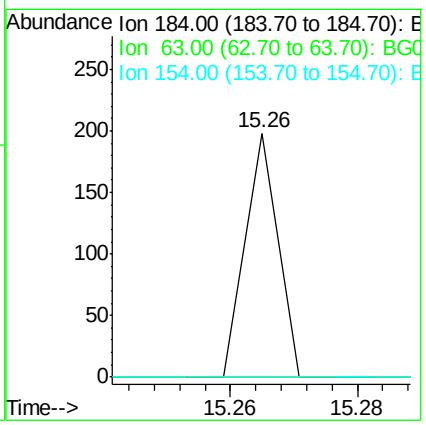


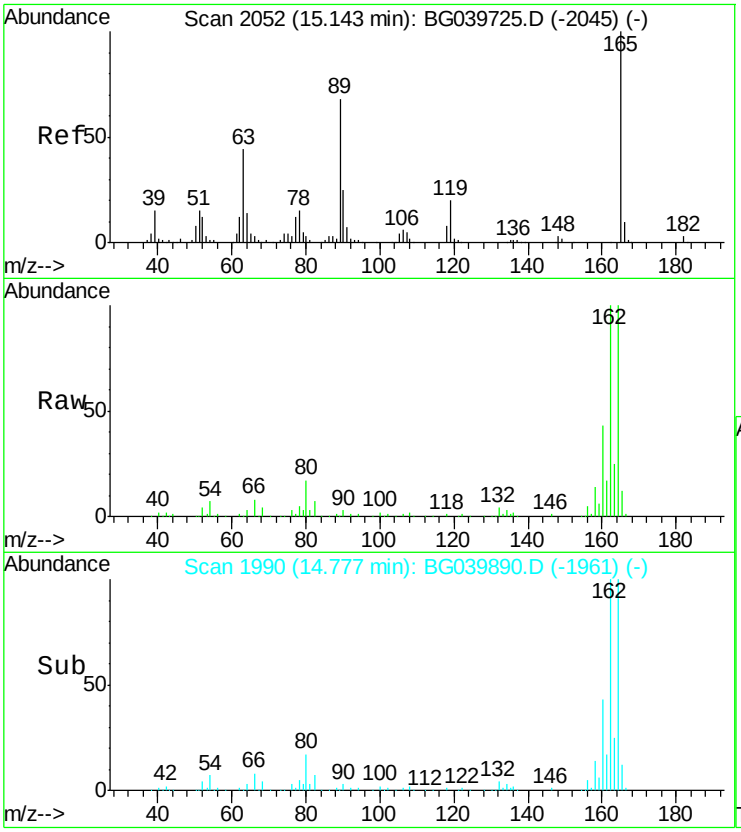


#54
2,4-Dinitrophenol
Concen: 5.307 ng
RT: 15.26 min Scan# 2073
Delta R.T. 0.37 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion:184 Resp: 70

Ion	Ratio	Lower	Upper
184	100		
63	0.0	50.9	76.3#
154	0.0	53.0	79.6#



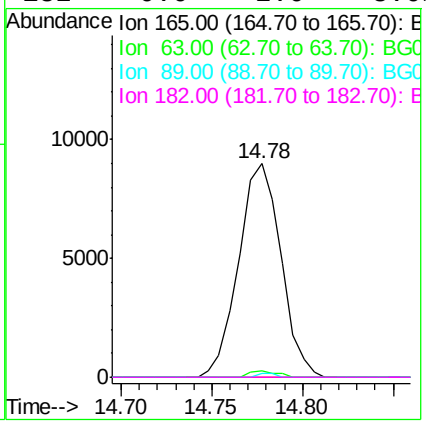


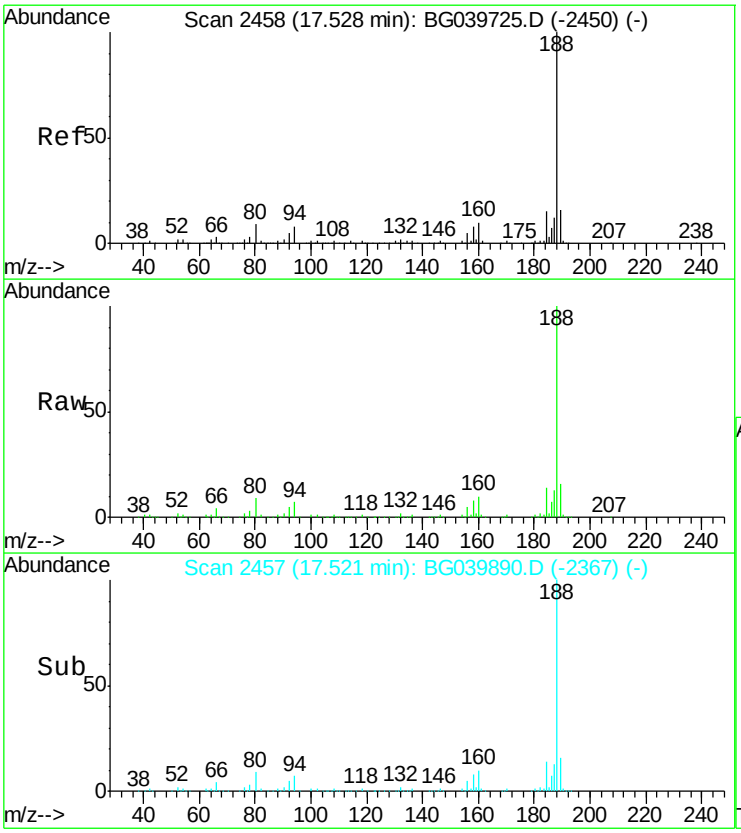
#57
2,4-Dinitrotoluene
Concen: 5.134 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.36 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:165 Resp: 14632

Ion	Ratio	Lower	Upper
165	100		
63	2.9	41.0	61.6#
89	1.7	64.6	96.8#
182	0.0	2.0	3.0#

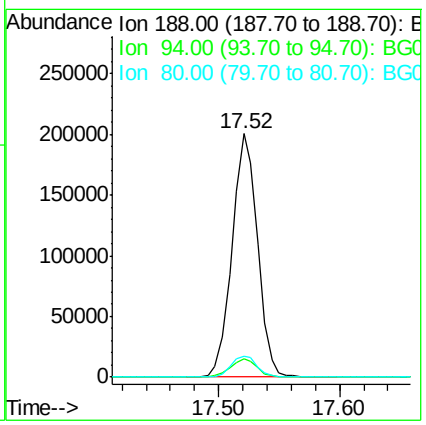


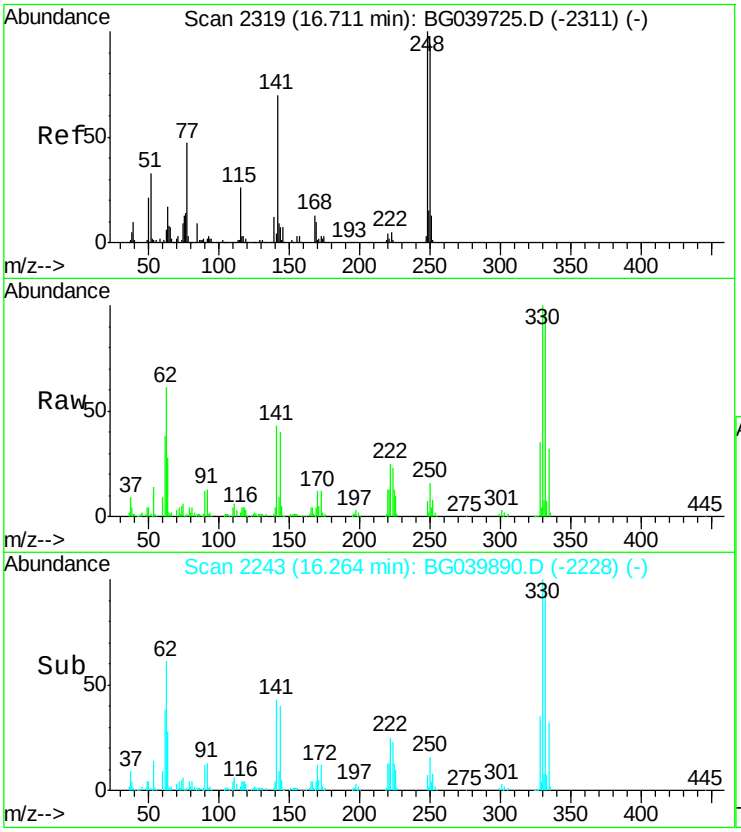


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion:188 Resp: 294587

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.7	8.1	12.1



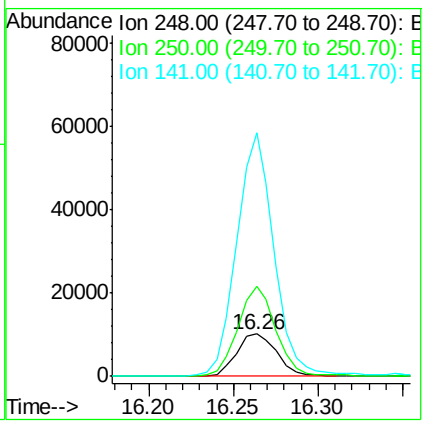


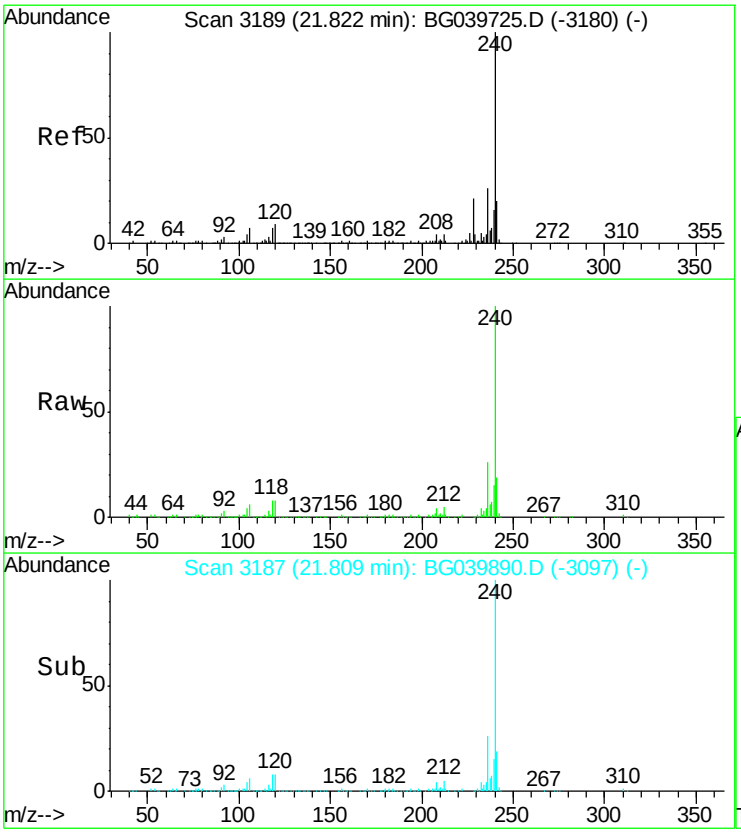
#67
4-Bromophenyl-phenylether
Concen: 5.055 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.44 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:248 Resp: 16669

Ion	Ratio	Lower	Upper
248	100		
250	212.0	77.6	116.4#
141	576.9	63.9	95.9#

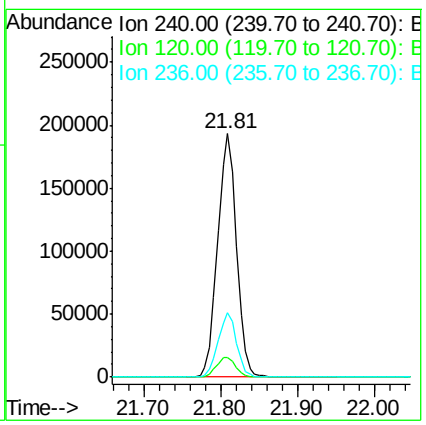


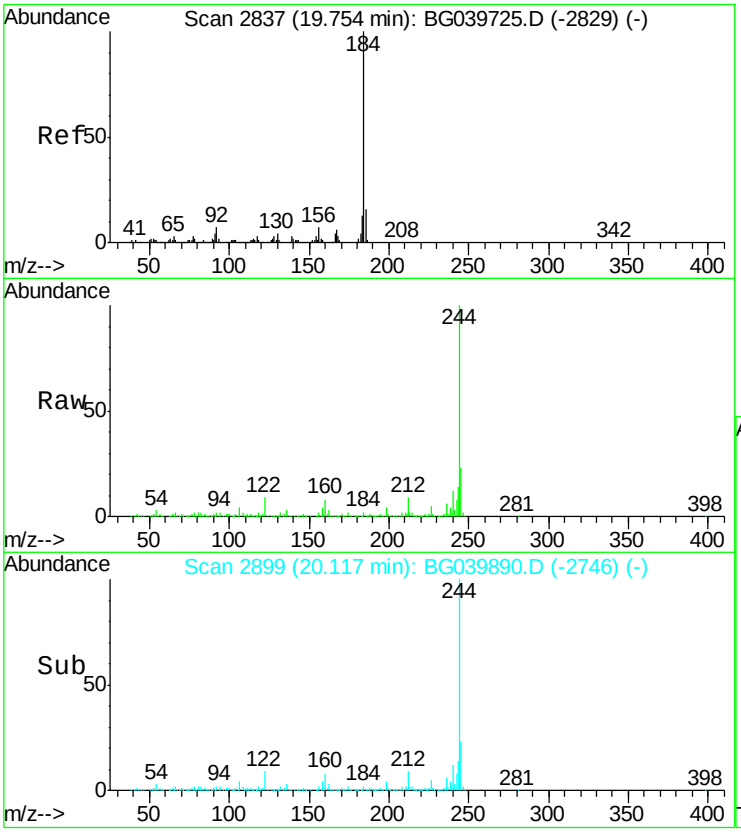


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion:240 Resp: 327709

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	26.3	21.0	31.4



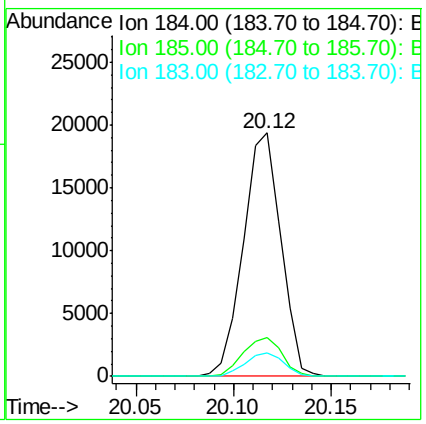


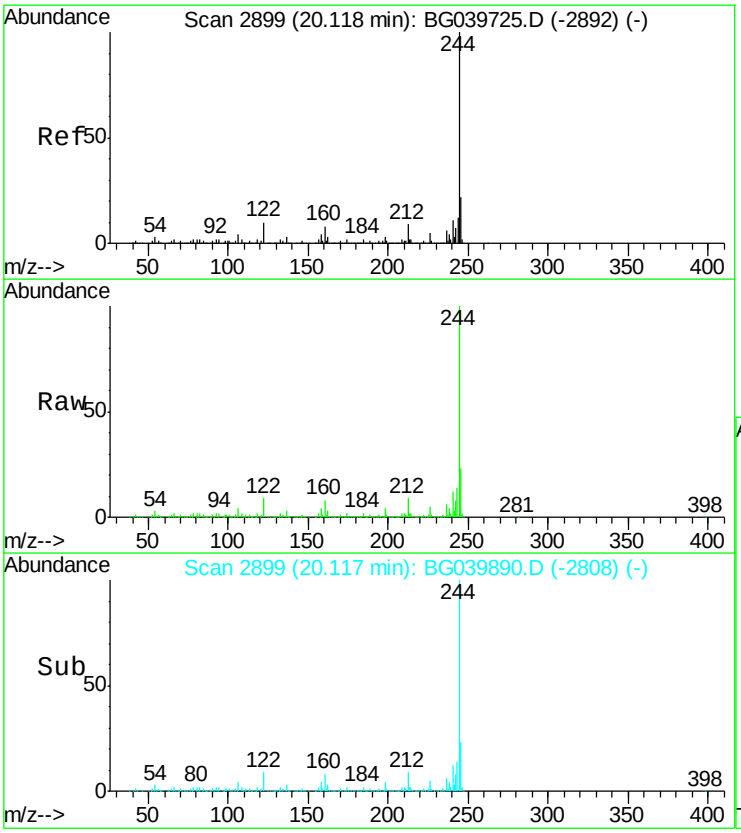
#77
Benzidine
Concen: 2.482 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.37 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:184 Resp: 25814

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.2	18.2
183	9.9	10.6	15.8#

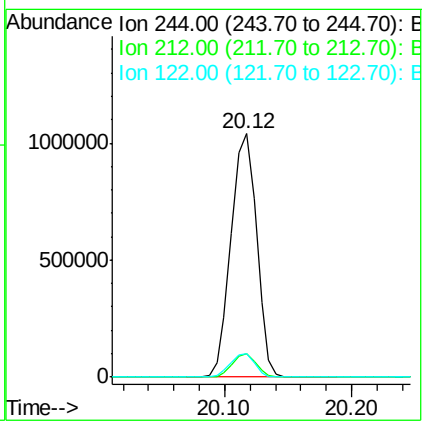


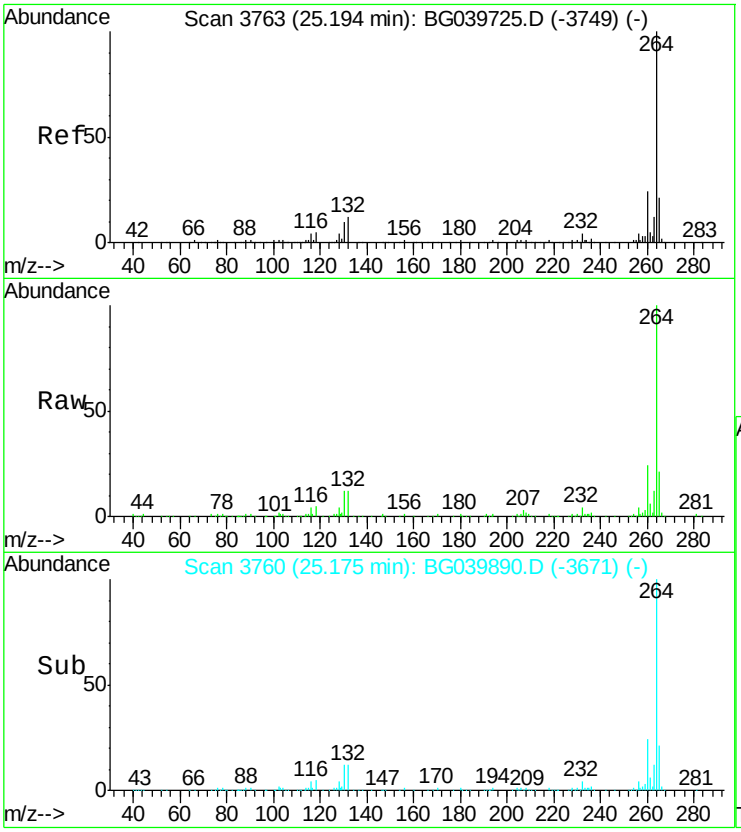


#79
Terphenyl-d14
Concen: 97.376 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Tgt Ion:244 Resp: 1449308

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG039890.D
Acq: 13 Mar 2019 2:10

Instrument :
BNA_G
ClientSampleId :
HR-06-031119-B

Tgt Ion:264 Resp: 316568

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.8	18.5	27.7