Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
Data File : BG040056.D
Acq On : 21 Mar 2019 5:47
Operator : JU/SJ
Sample : K1688-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 21 09:31:32 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	8.15	152	41705	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	181093	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	124651	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	306898	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	301772	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297056	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	338600	138.51	ng	-0.02
7) Phenol-d6	7.29	99	445030	122.09	ng	-0.02
23) Nitrobenzene-d5	9.32	82	347570	103.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	224238	154.34	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	828792	94.67	ng	-0.02
79) Terphenyl-d14	20.11	244	1330760	97.10	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	3528	3.126	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	44722	17.046	ng	# 67
32) Benzoic acid	10.59	122	69	6.631	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	15233	6.894	ng	# 25
57) 2,4-Dinitrotoluene	14.77	165	15233	4.906	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	17593	5.121	ng	# 1
77) Benzidine	20.11	184	24006	2.507	ng	# 93

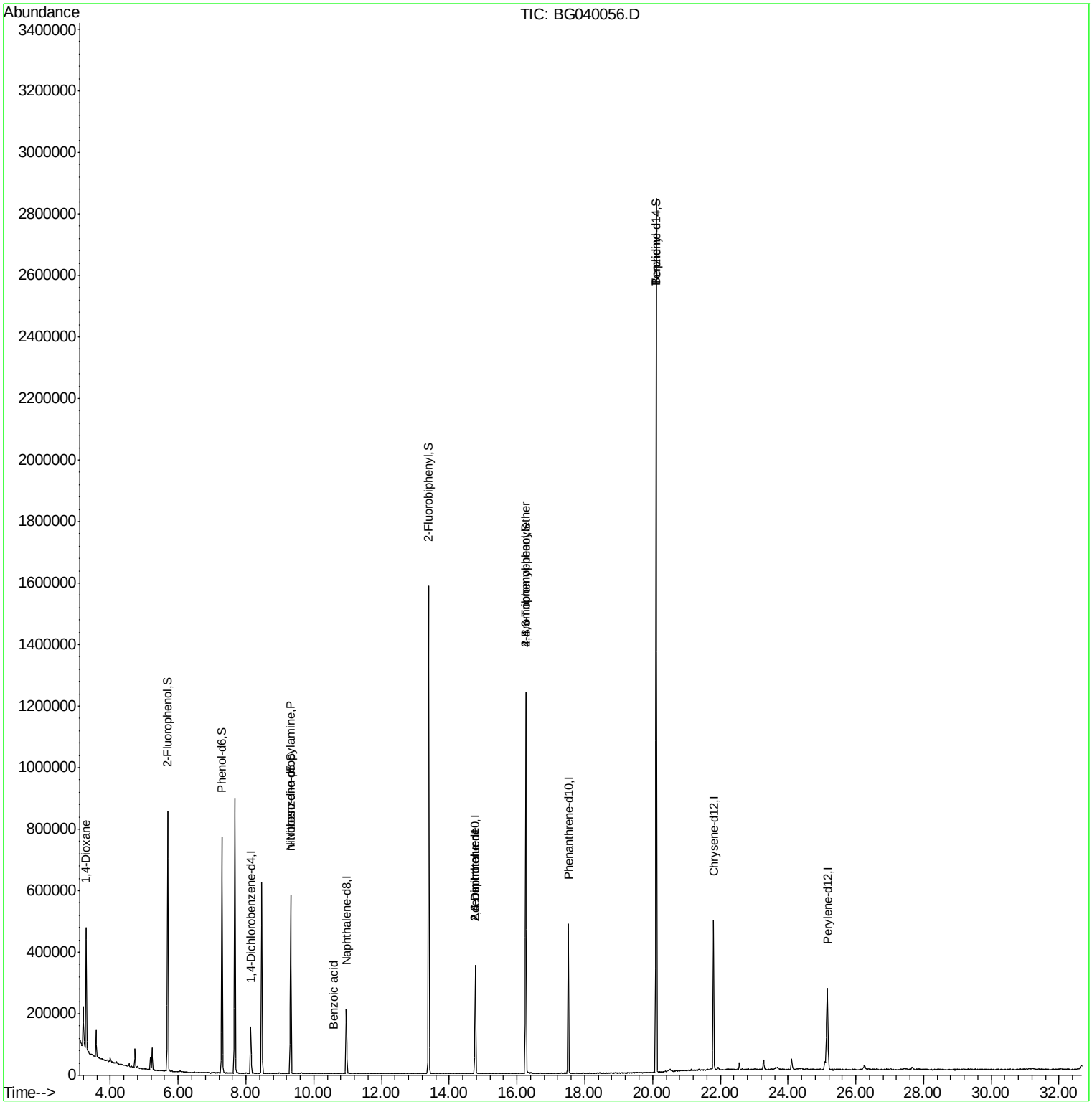
(#) = qualifier out of range (m) = manual integration (+) = signals summed

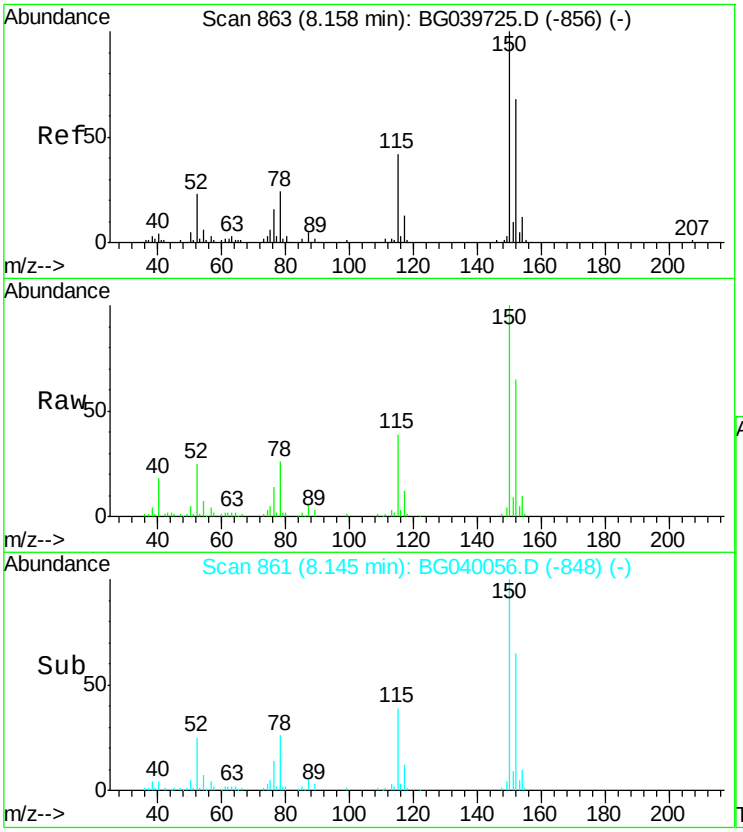
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
Data File : BG040056.D
Acq On : 21 Mar 2019 5:47
Operator : JU/SJ
Sample : K1688-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 21 09:31:32 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



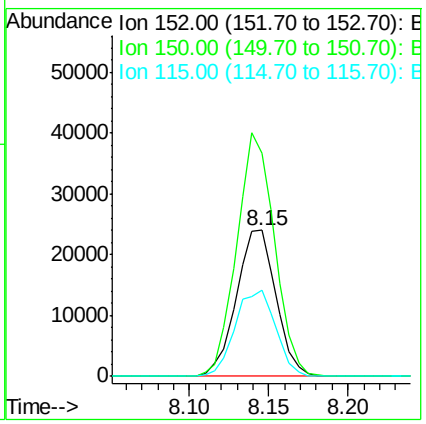


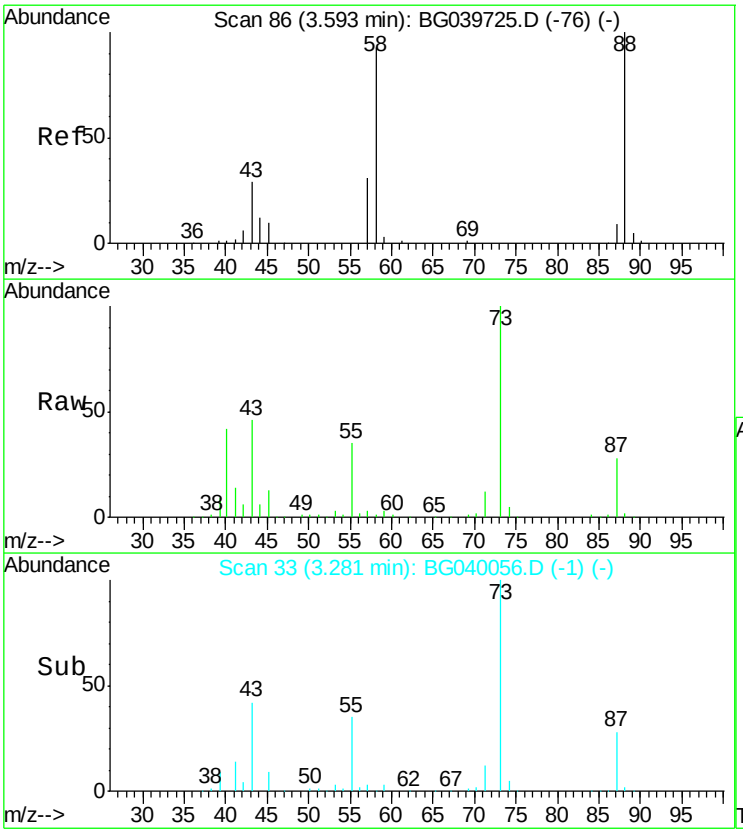
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41705

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	59.3	45.9	68.9

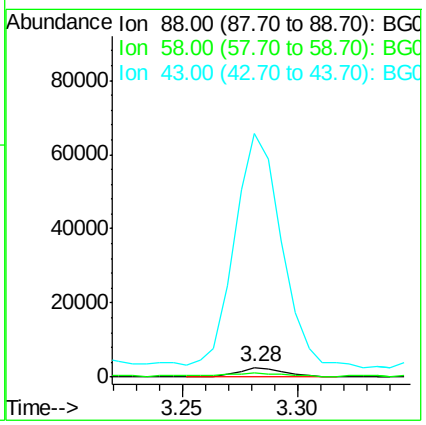


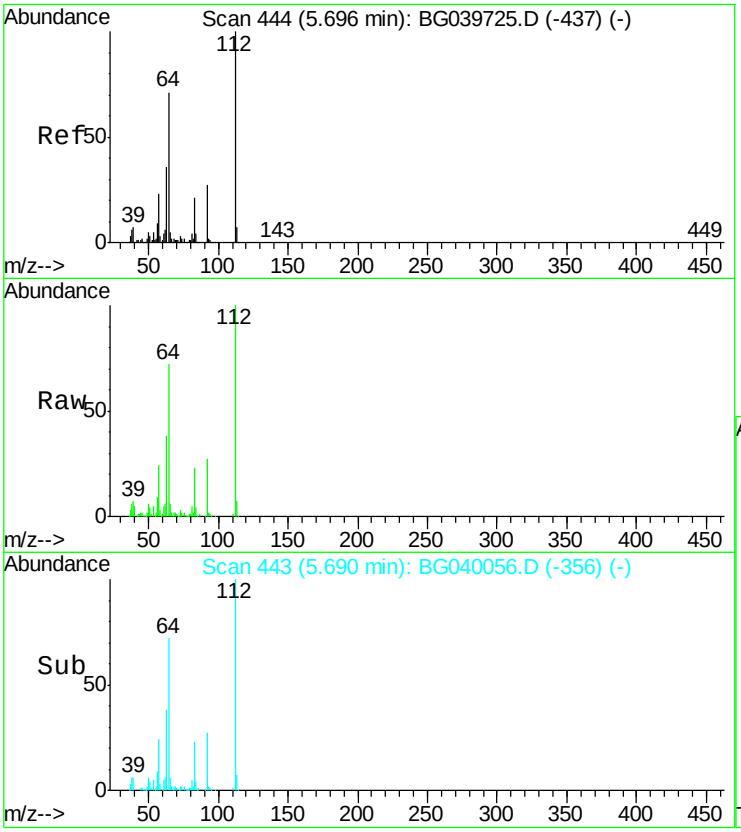


#2
1,4-Dioxane
Concen: 3.126 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.32 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion: 88 Resp: 3528

Ion	Ratio	Lower	Upper
88	100		
58	49.5	81.1	121.7#
43	2550.5	31.4	47.0#



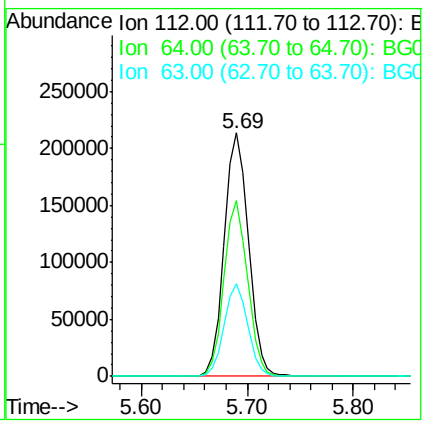


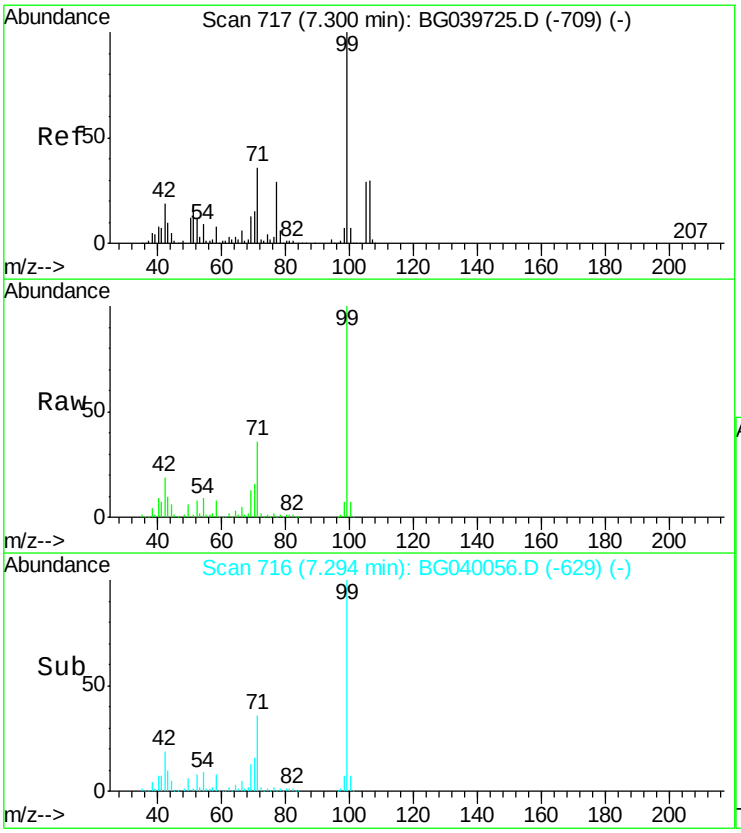
#5
2-Fluorophenol
Concen: 138.510 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 338600

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.8	86.8
63	37.8	29.8	44.6

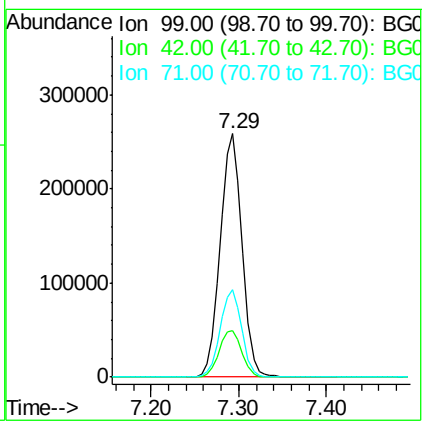


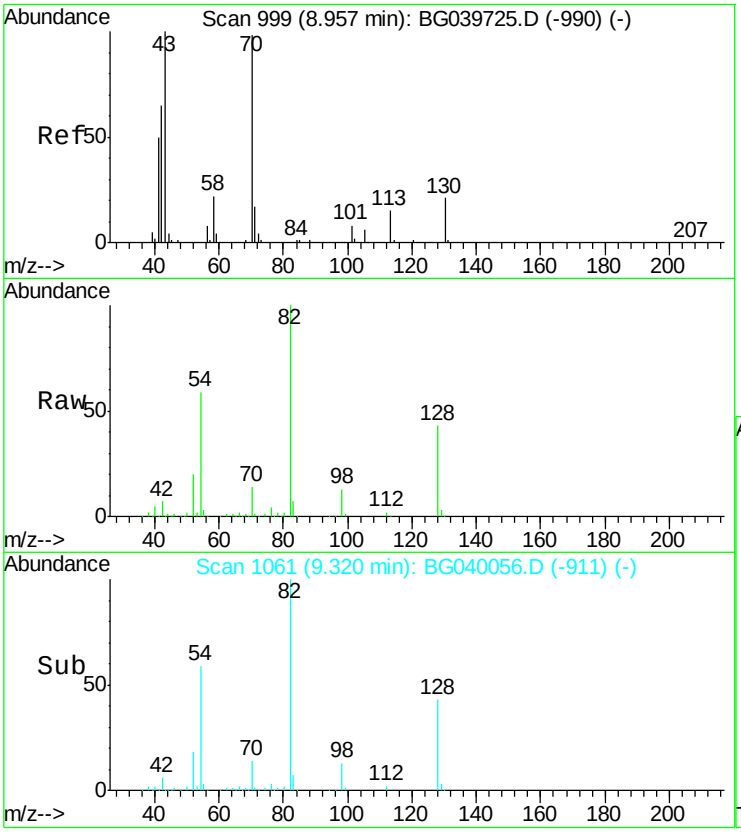


#7
Phenol-d6
Concen: 122.092 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion: 99 Resp: 445030

Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.2	27.2
71	36.0	28.0	42.0



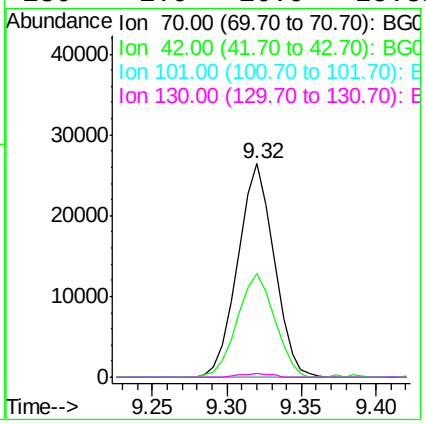


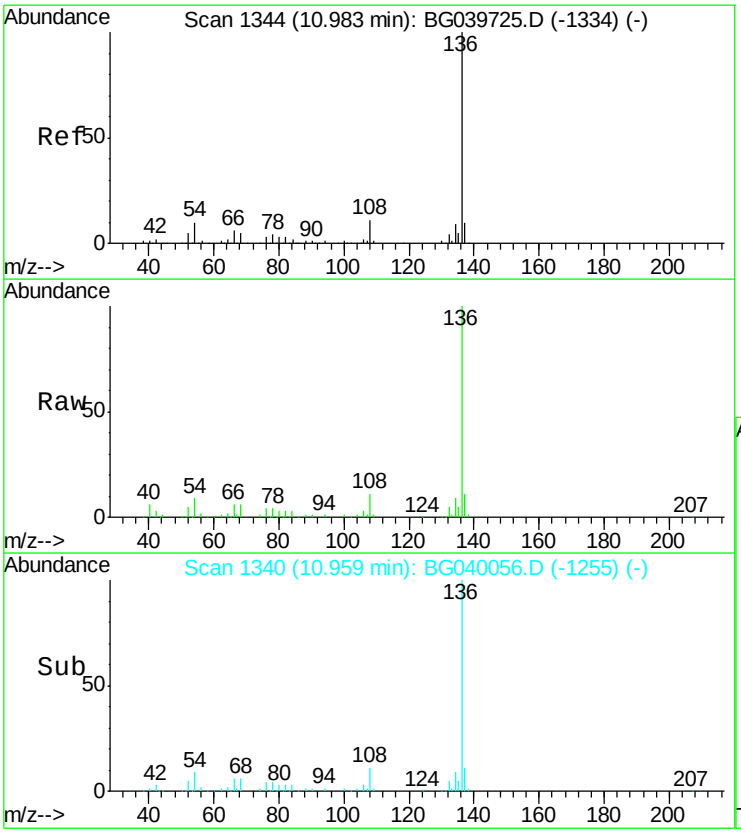
#19
n-Nitroso-di-n-propylamine
Concen: 17.046 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 44722

Ion	Ratio	Lower	Upper
70	100		
42	48.6	60.4	90.6#
101	0.0	7.5	11.3#
130	1.9	16.9	25.3#

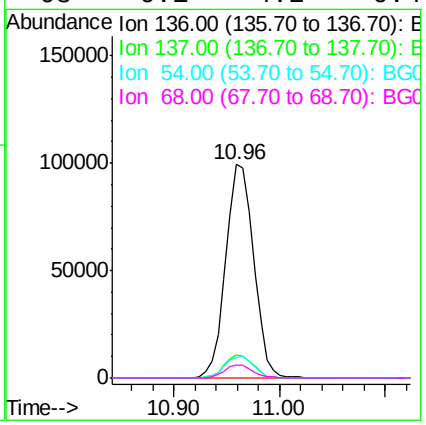


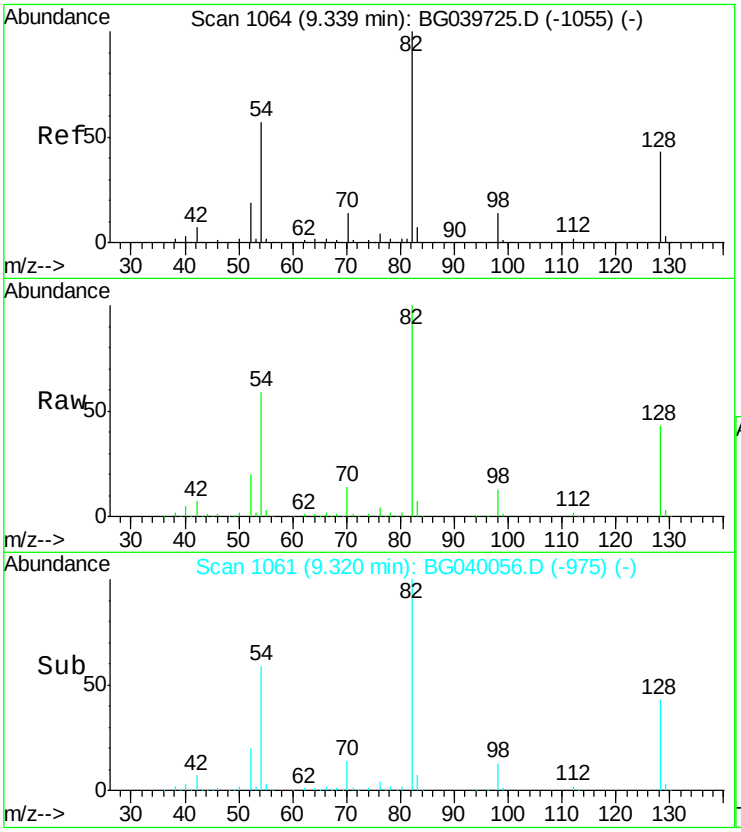


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:136 Resp: 181093

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.4	9.4	14.2#
68	6.1	4.2	6.4



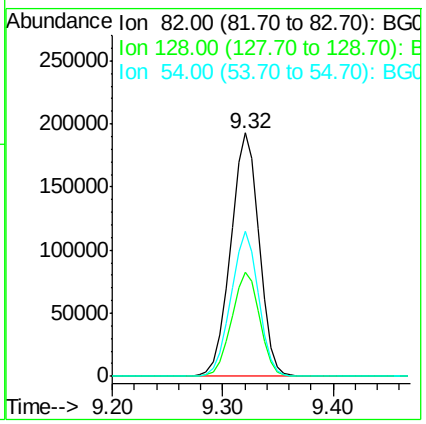


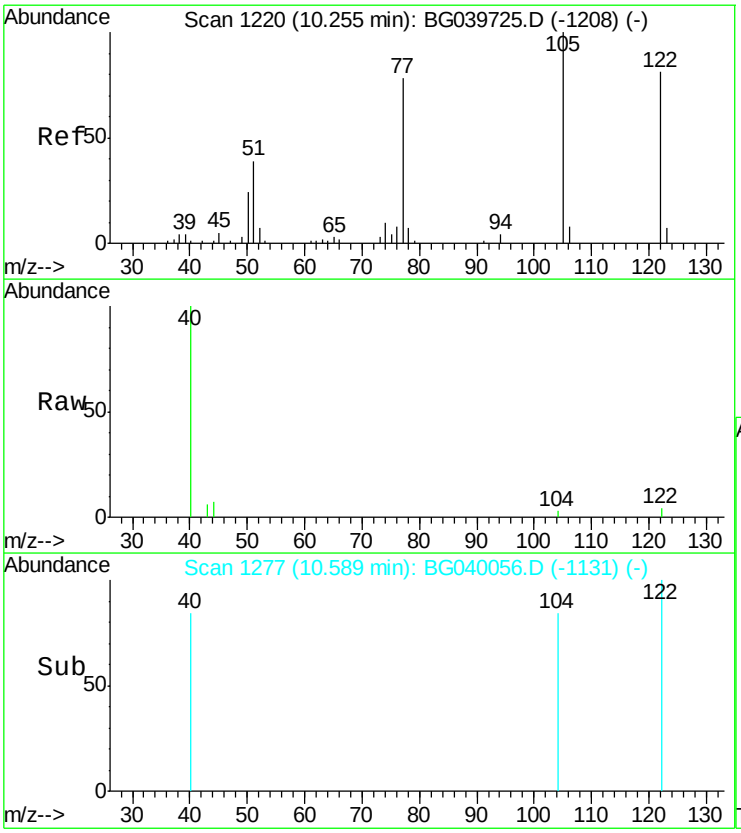
#23
Nitrobenzene-d5
Concen: 103.803 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 347570

Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	59.4	50.9	76.3

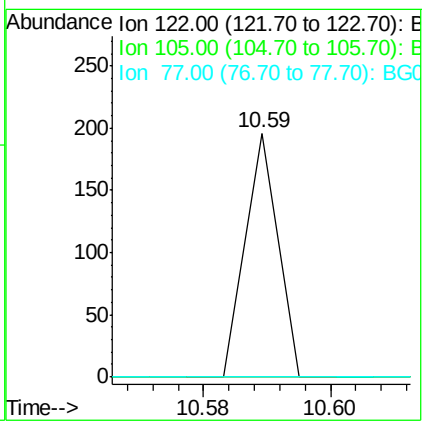


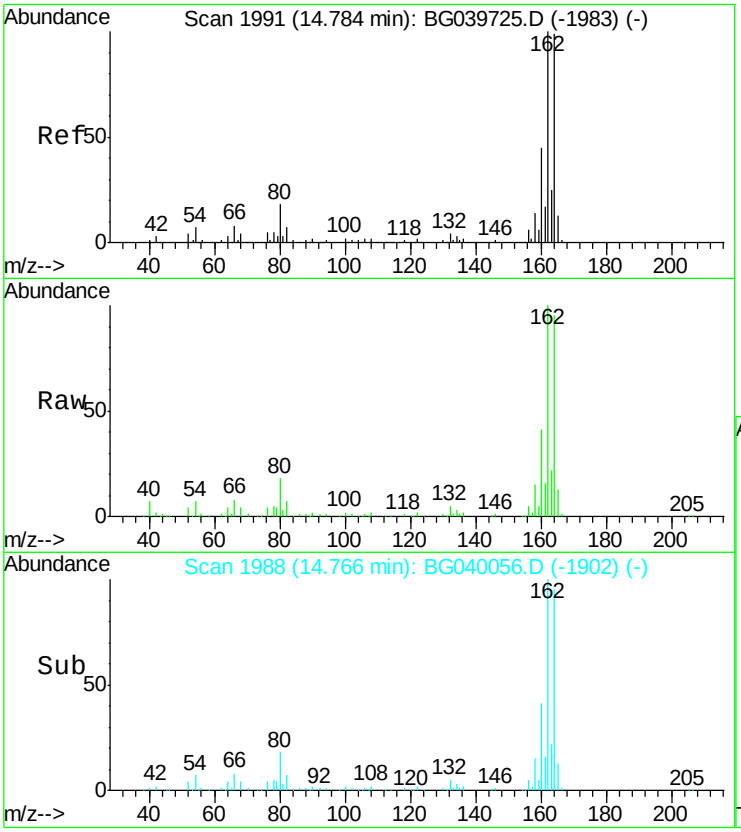


#32
Benzoic acid
Concen: 6.631 ng
RT: 10.59 min Scan# 1277
Delta R.T. 0.33 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:122 Resp: 69

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



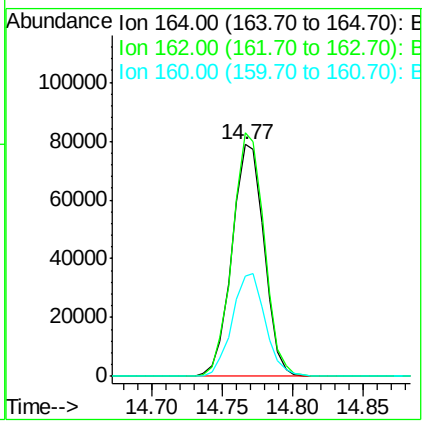


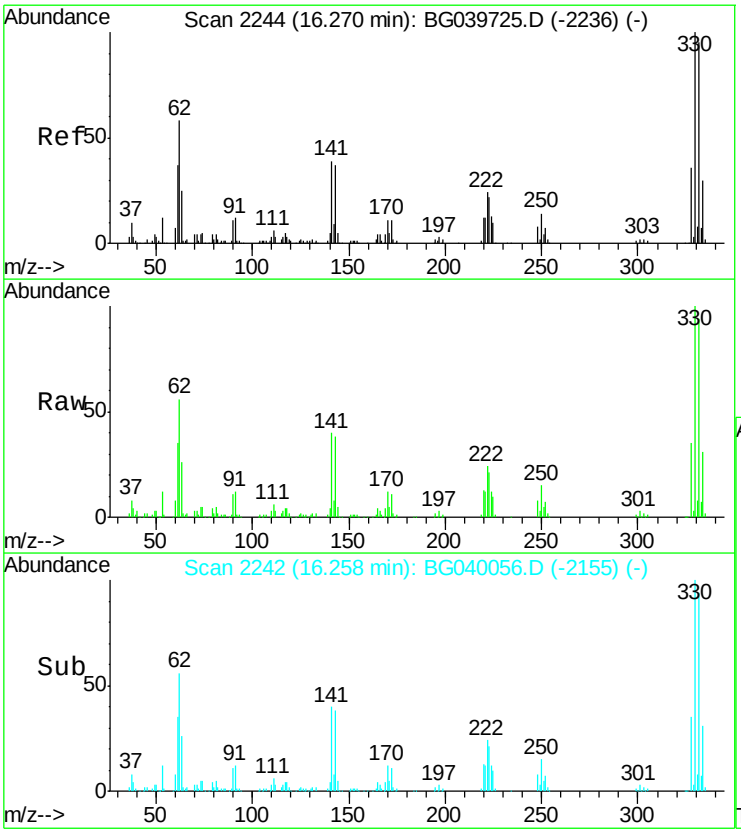
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 124651

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.6	122.4
160	43.4	34.2	51.2

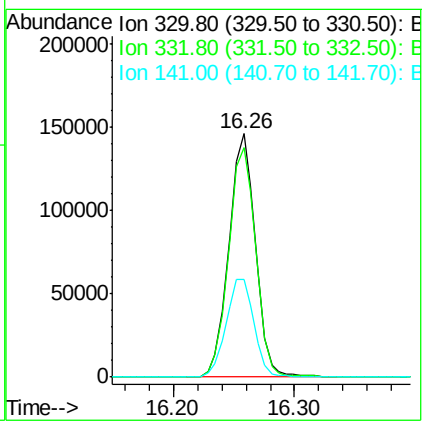


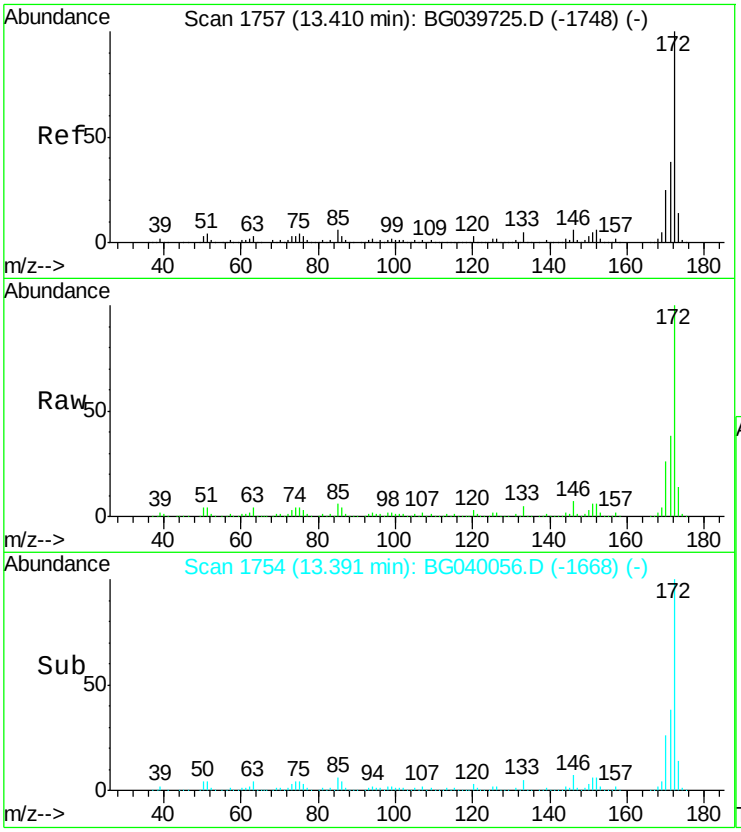


#42
2,4,6-Tribromophenol
Concen: 154.338 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:330 Resp: 224238

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	42.2	35.6	53.4



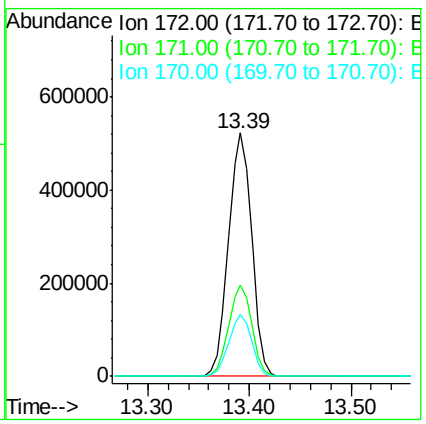


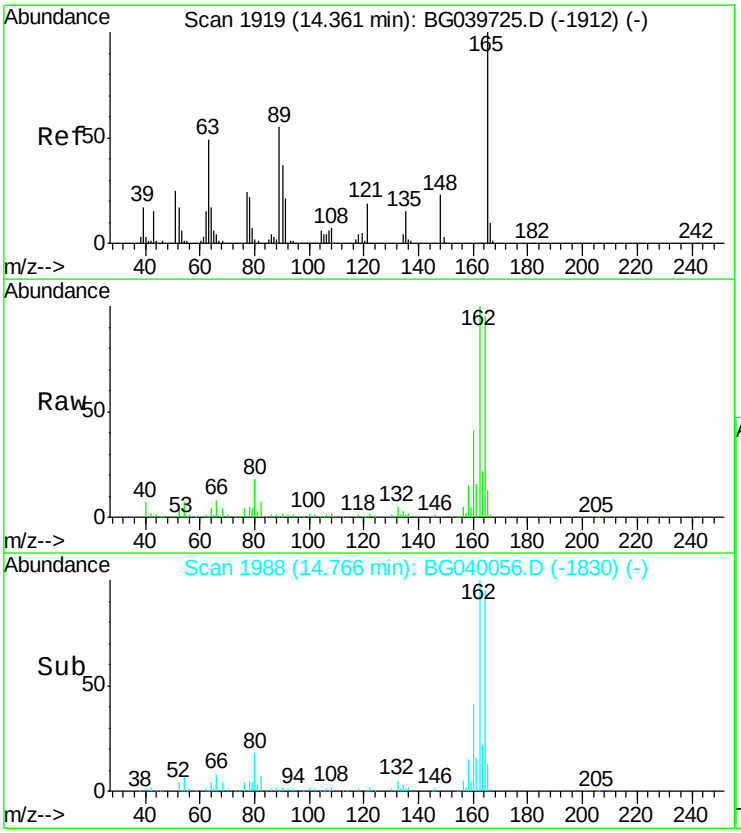
#45
2-Fluorobiphenyl
Concen: 94.669 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 828792

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.5	20.2	30.4

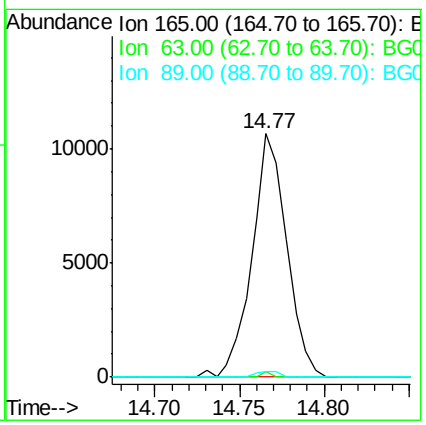


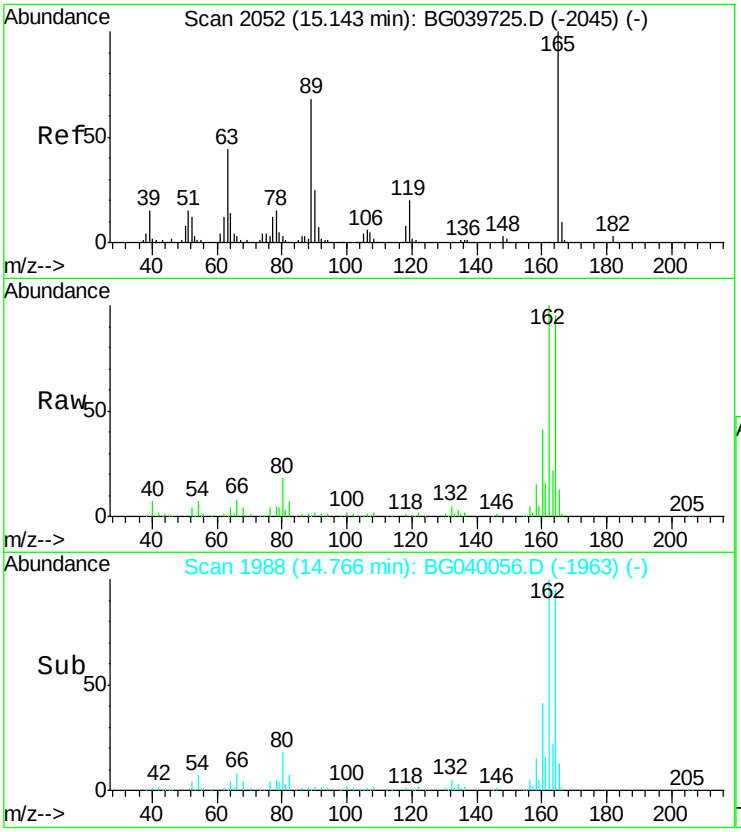


#51
2,6-Dinitrotoluene
Concen: 6.894 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:165 Resp: 15233

Ion	Ratio	Lower	Upper
165	100		
63	2.4	47.0	70.6#
89	2.1	45.8	68.8#



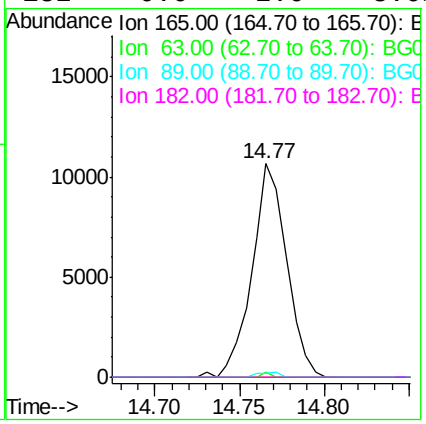


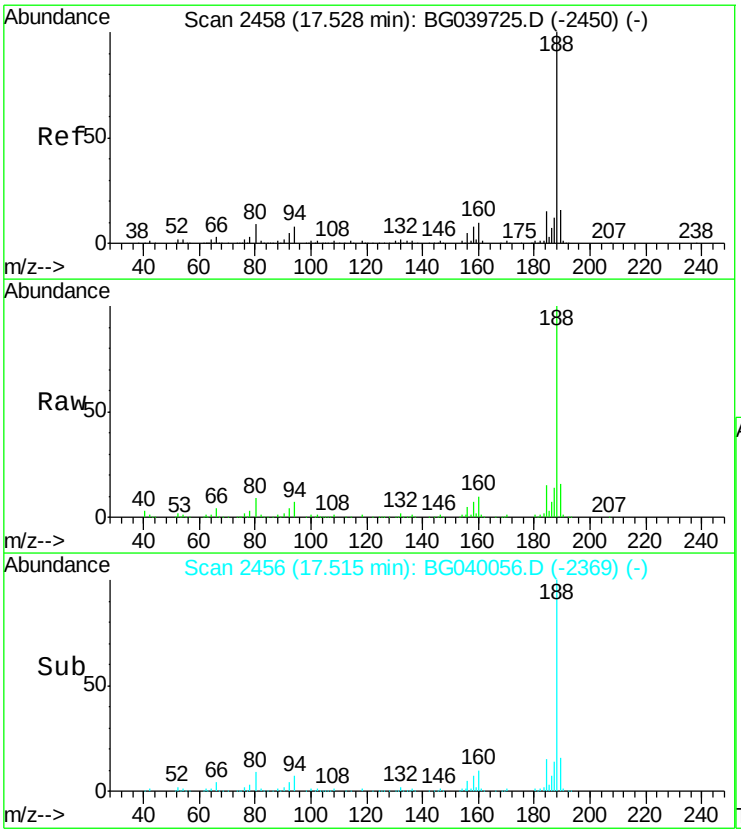
#57
2,4-Dinitrotoluene
Concen: 4.906 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15233

Ion	Ratio	Lower	Upper
165	100		
63	2.4	41.0	61.6#
89	2.1	64.6	96.8#
182	0.0	2.0	3.0#

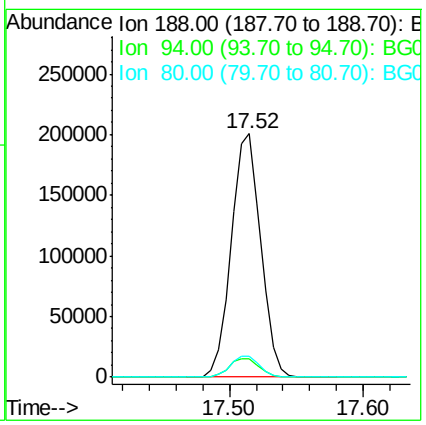


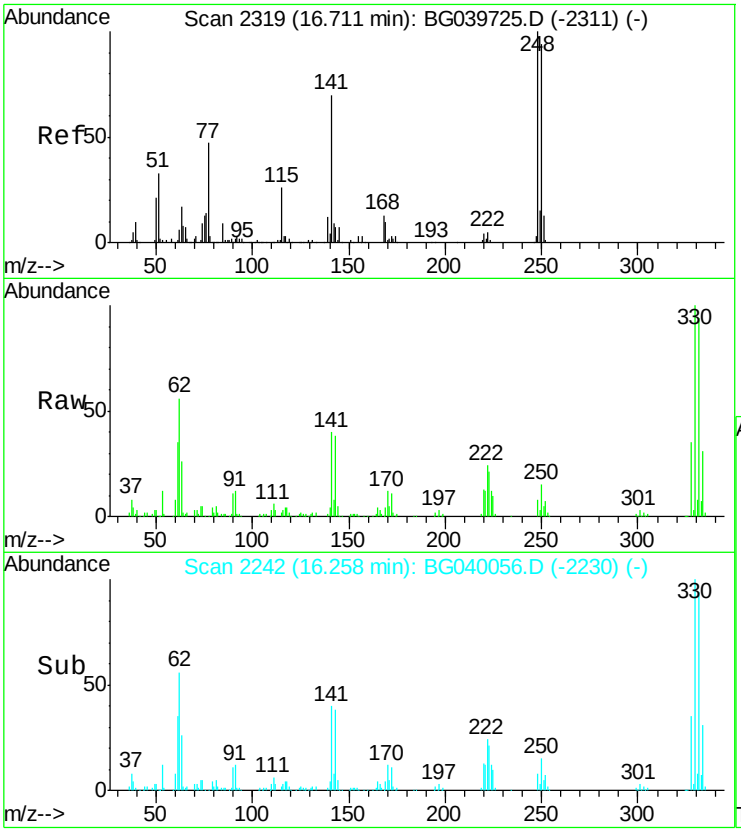


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:188 Resp: 306898

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.5	8.1	12.1



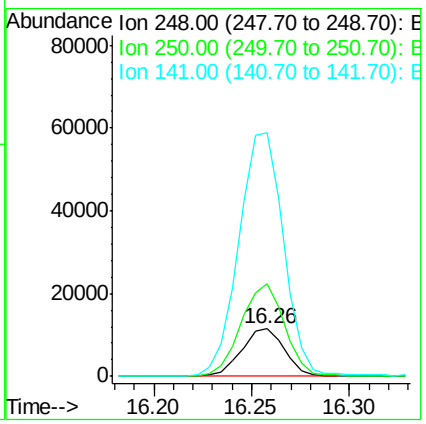


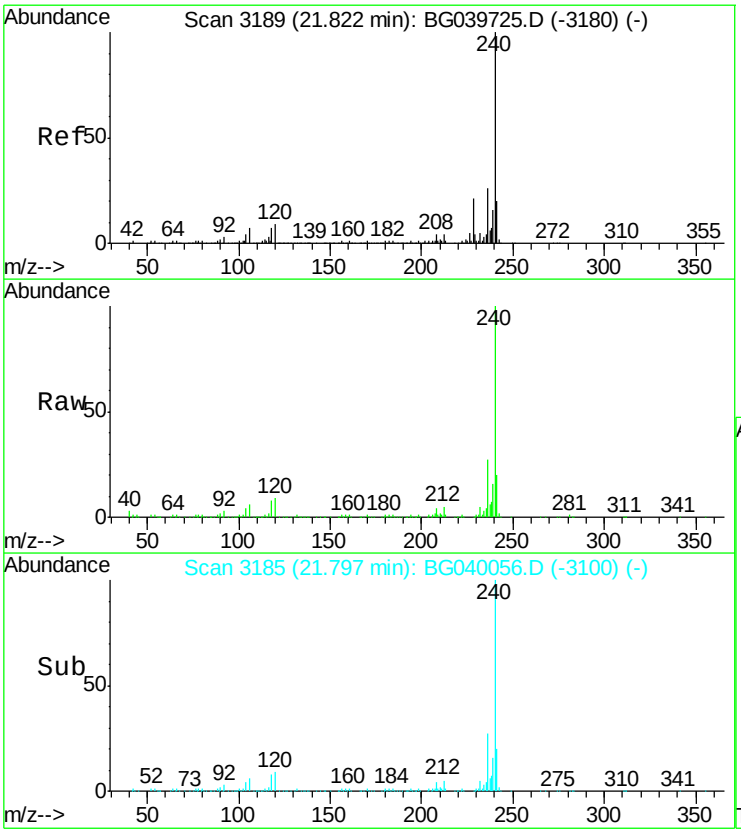
#67
4-Bromophenyl-phenylether
Concen: 5.121 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17593

Ion	Ratio	Lower	Upper
248	100		
250	193.8	77.6	116.4#
141	512.0	63.9	95.9#

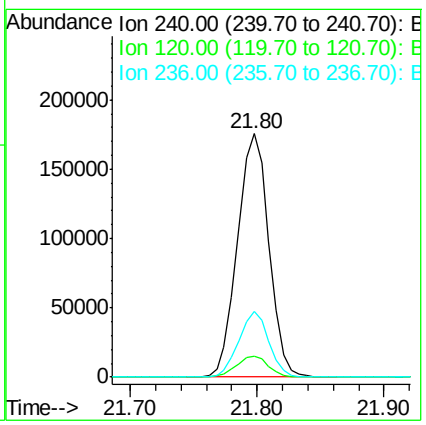


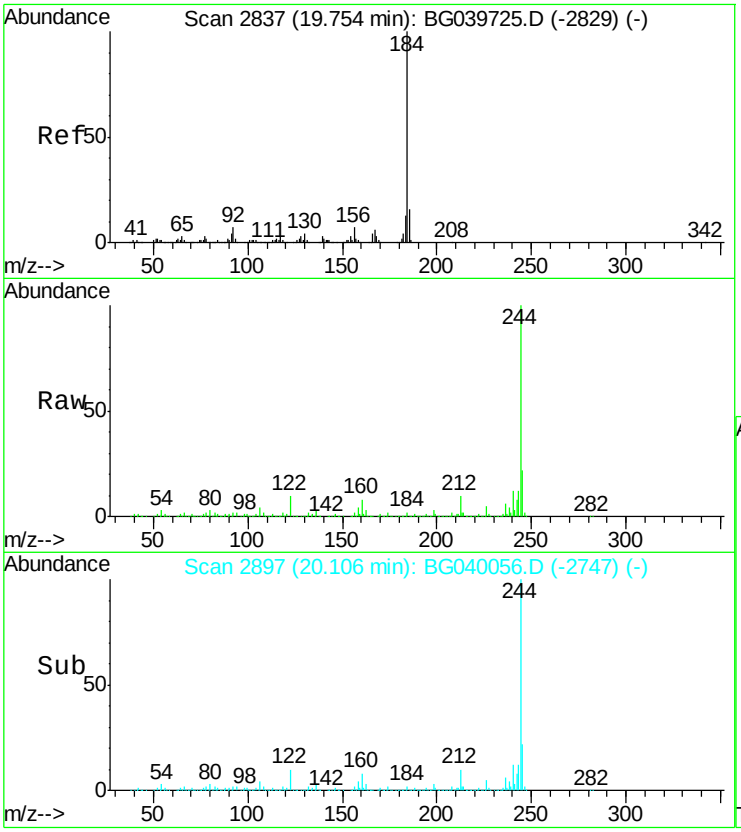


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:240 Resp: 301772

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	27.2	21.0	31.4



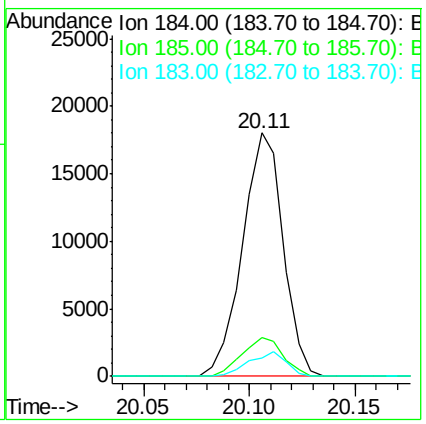


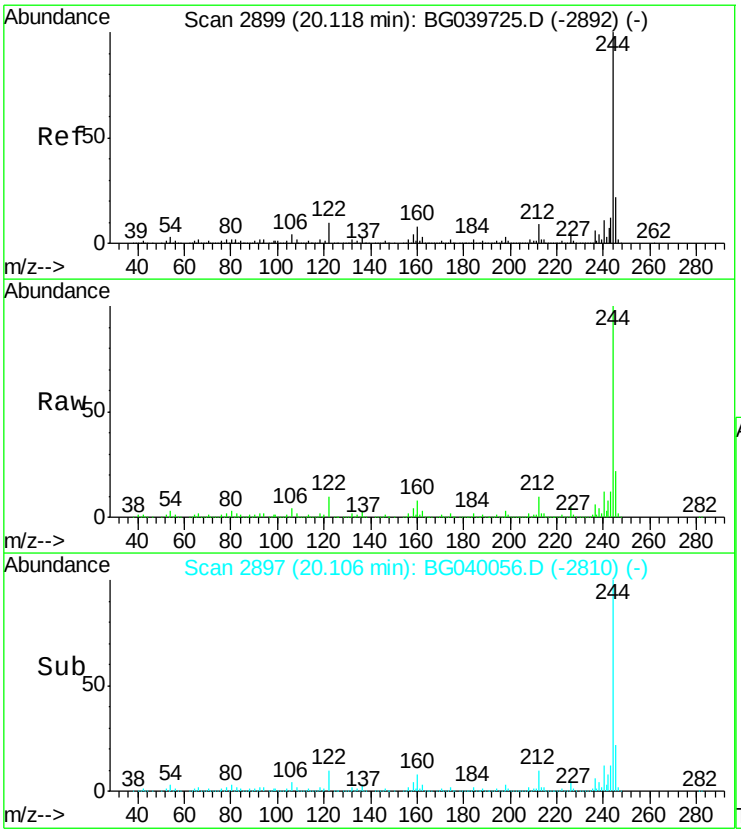
#77
Benzidine
Concen: 2.507 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24006

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	7.7	10.6	15.8#

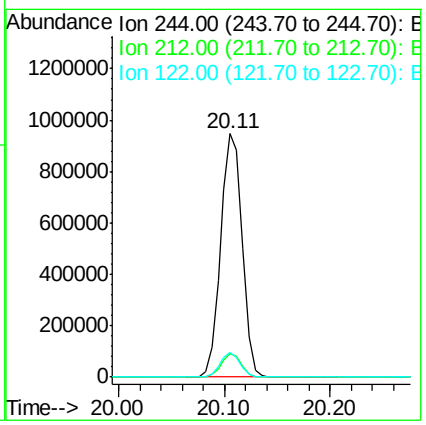


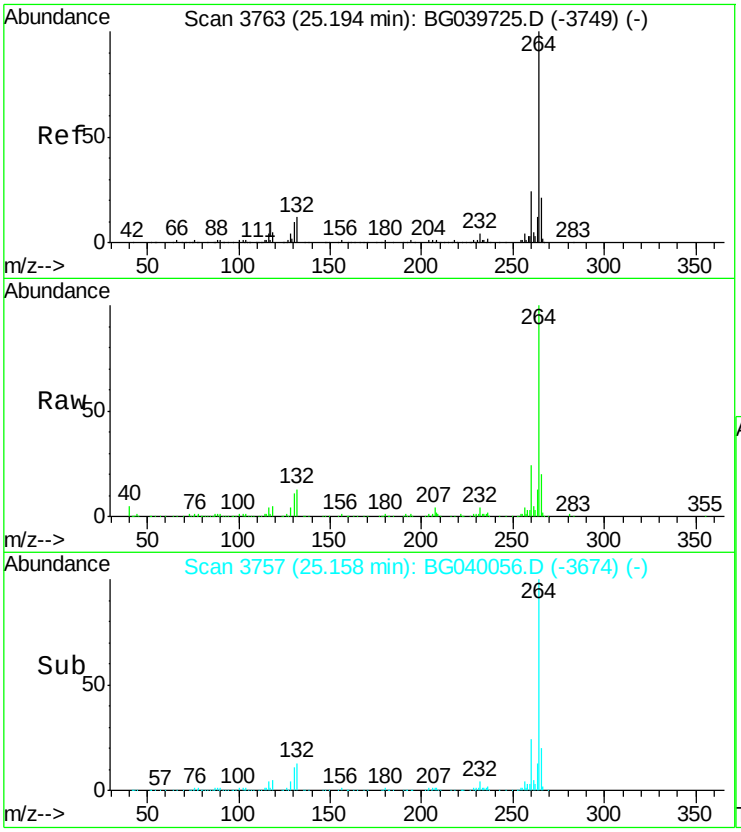


#79
Terphenyl-d14
Concen: 97.096 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Tgt Ion:244 Resp: 1330760

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040056.D
Acq: 21 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 297056

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	19.8	18.5	27.7