Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039861.D
Acq On : 12 Mar 2019 4:59
Operator : JU/SJ
Sample : K1787-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1

Quant Time: Mar 12 09:33:41 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	39725	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	163642	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114097	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	296296	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	324289	20.00	ng	-0.02
87) Perylene-d12	25.18	264	312496	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	317931	136.54	ng	-0.01
7) Phenol-d6	7.30	99	415685	119.73	ng	-0.02
23) Nitrobenzene-d5	9.33	82	301443	99.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	207646	156.14	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	741304	92.51	ng	-0.02
79) Terphenyl-d14	20.11	244	1335940	90.71	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	39195	15.684	ng	# 67
32) Benzoic acid	10.45	122	56	6.628	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	14649	7.243	ng	# 24
54) 2,4-Dinitrophenol	15.21	184	69	5.307	ng	# 18
57) 2,4-Dinitrotoluene	14.77	165	14649	5.155	ng	# 20
67) 4-Bromophenyl-phenylether	16.27	248	16388	4.941	ng	# 1
77) Benzidine	20.11	184	24379	2.369	ng	# 94

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

Quantitation Report (Not Reviewed)

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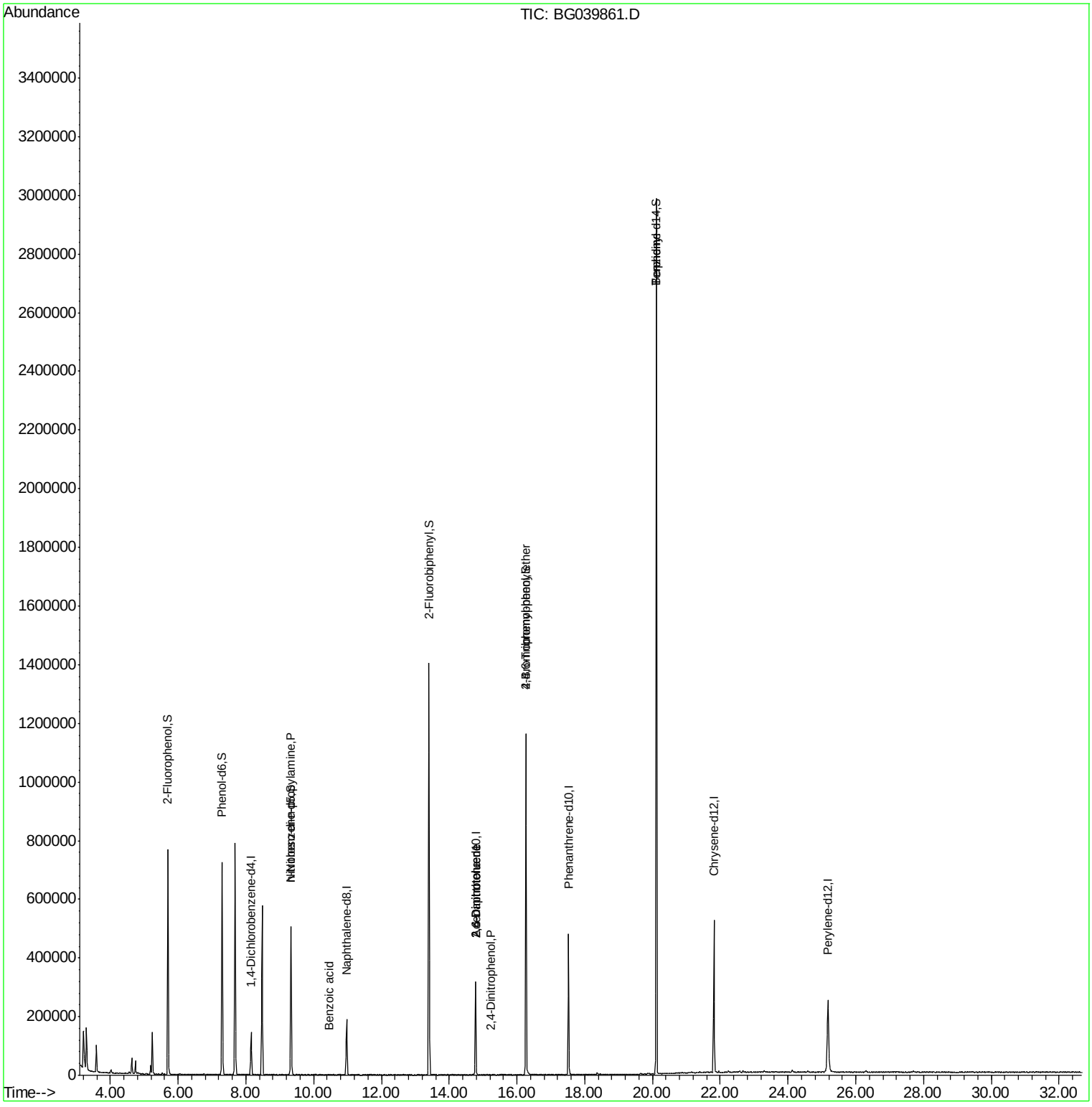
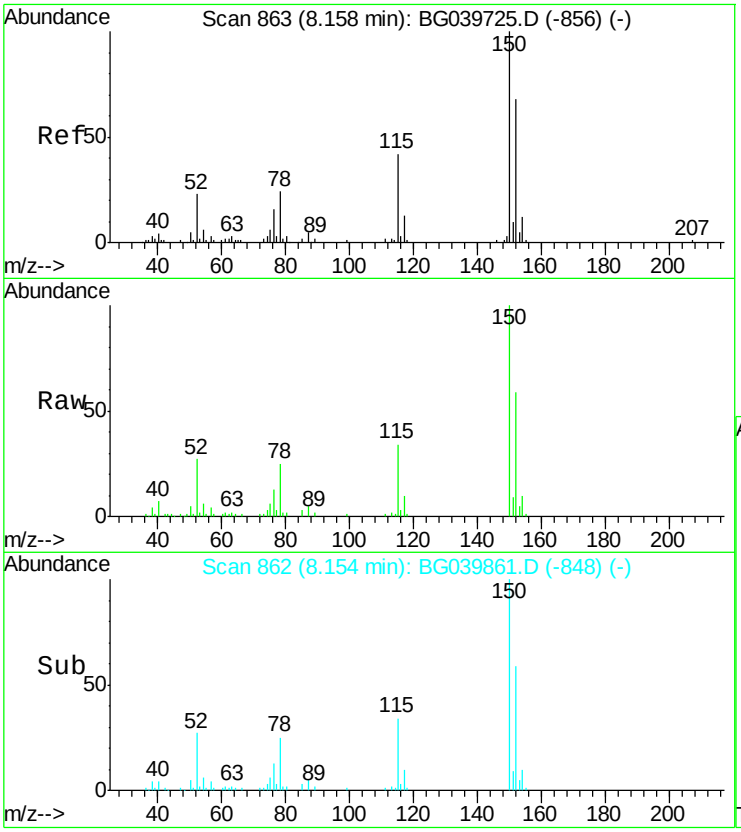


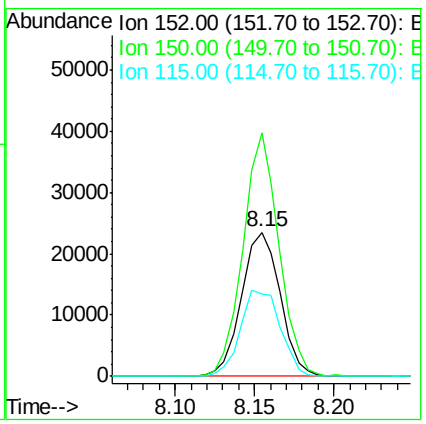


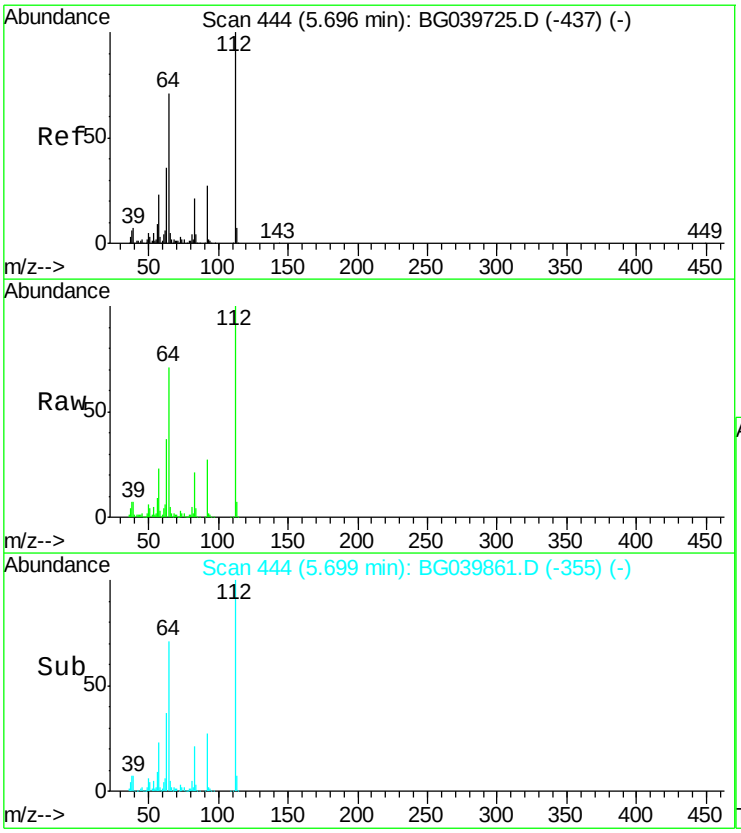
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 39725

Ion	Ratio	Lower	Upper
152	100		
150	168.6	123.7	185.5
115	57.2	45.9	68.9

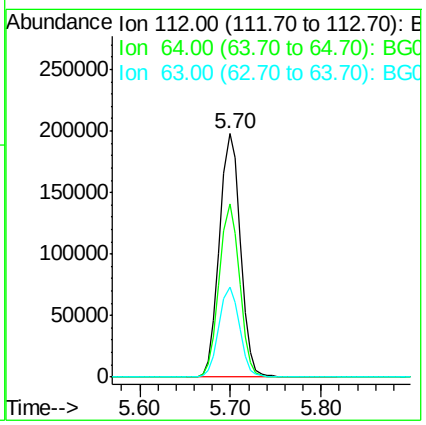


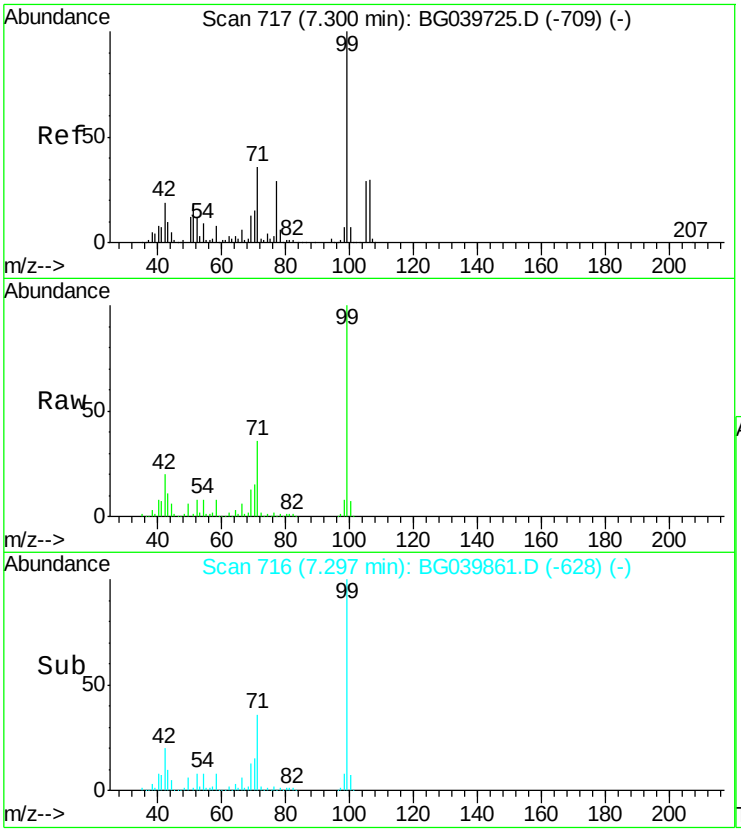


#5
2-Fluorophenol
Concen: 136.537 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion:112 Resp: 317931

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.8	86.8
63	37.0	29.8	44.6



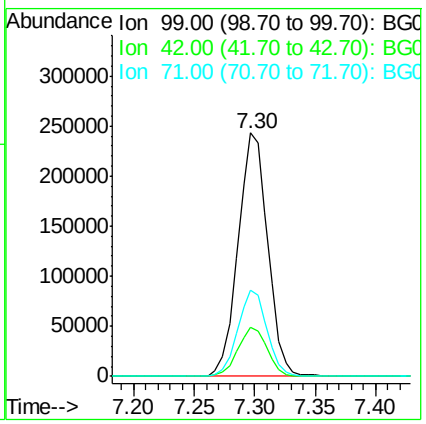


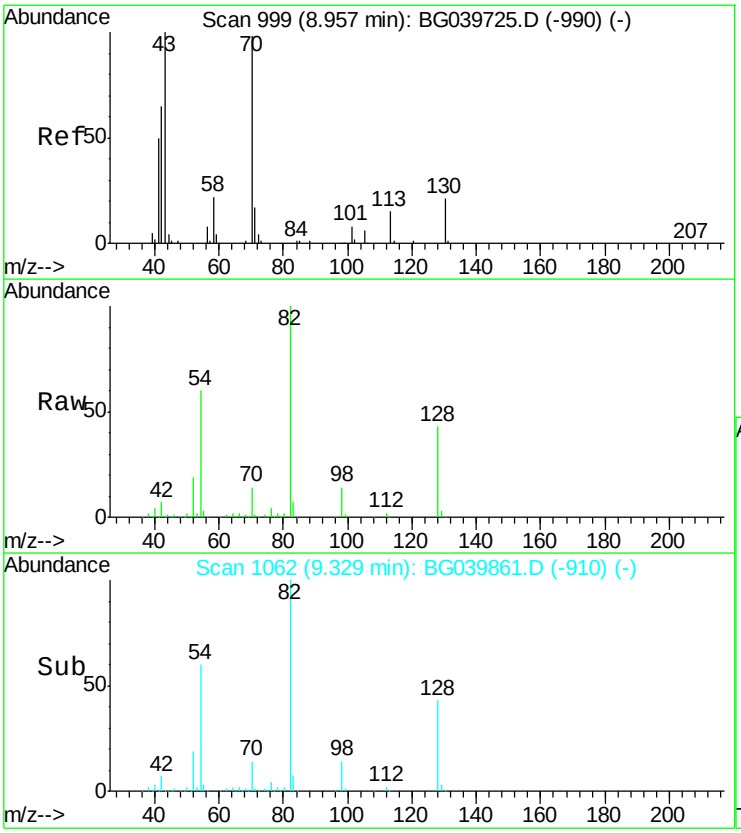
#7
Phenol-d6
Concen: 119.726 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 415685

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	35.5	28.0	42.0

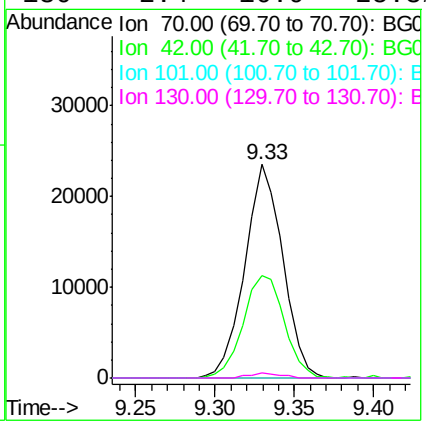


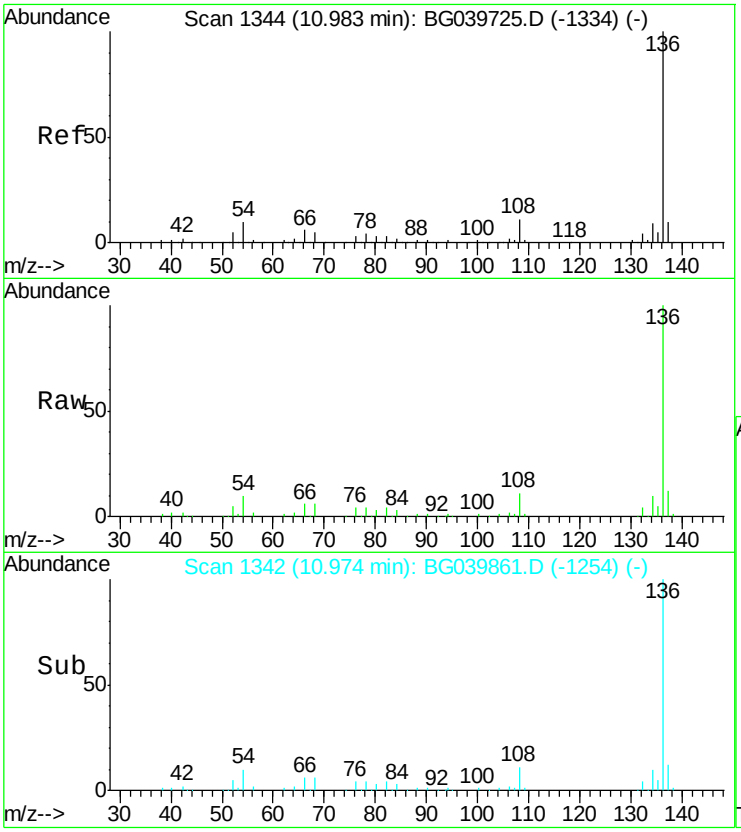


#19
n-Nitroso-di-n-propylamine
Concen: 15.684 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion: 70 Resp: 39195

Ion	Ratio	Lower	Upper
70	100		
42	48.1	60.4	90.6#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#



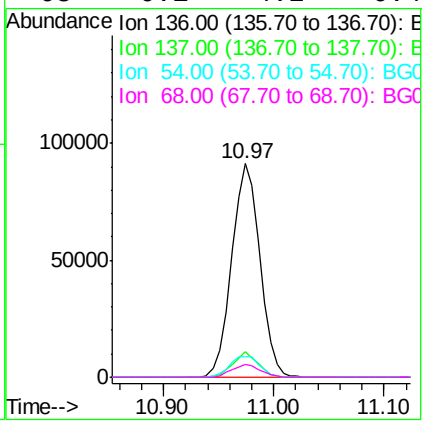


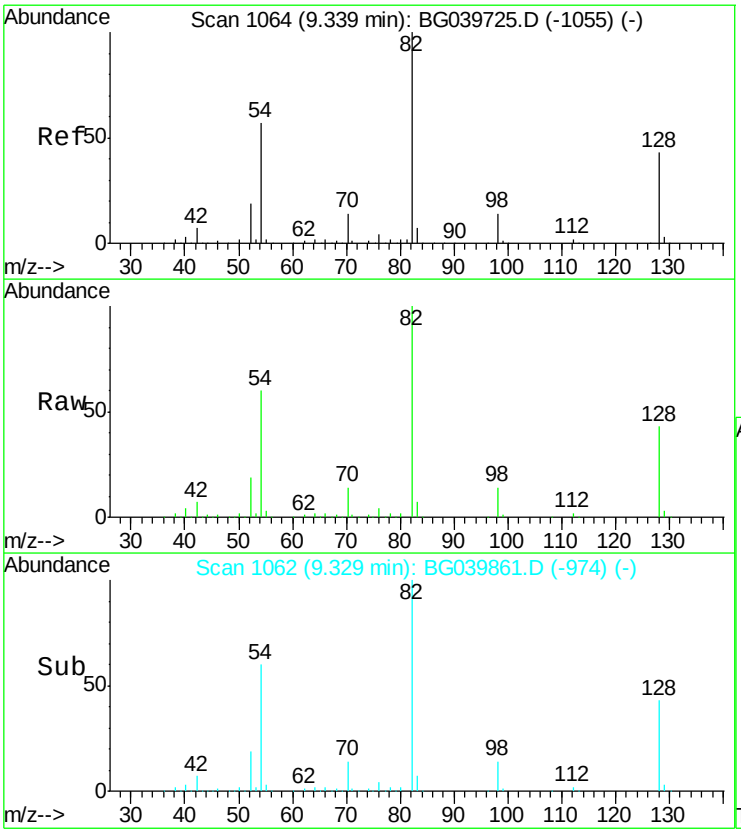
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:136 Resp: 163642

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.1	13.7
54	9.7	9.4	14.2
68	6.1	4.2	6.4

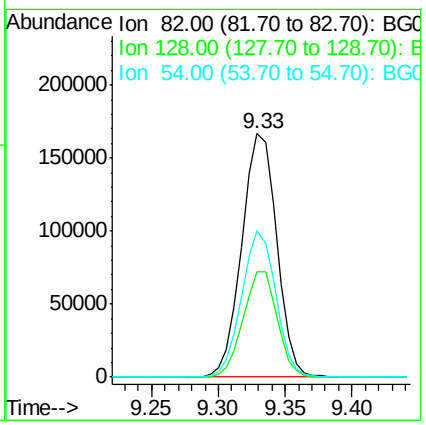


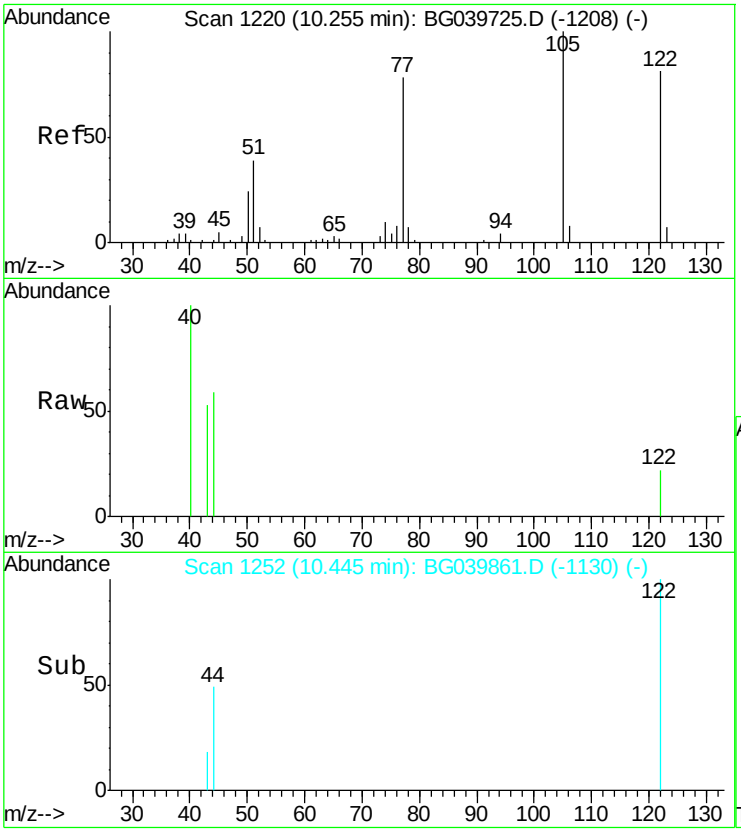


#23
Nitrobenzene-d5
Concen: 99.628 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion: 82 Resp: 301443

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	60.0	50.9	76.3



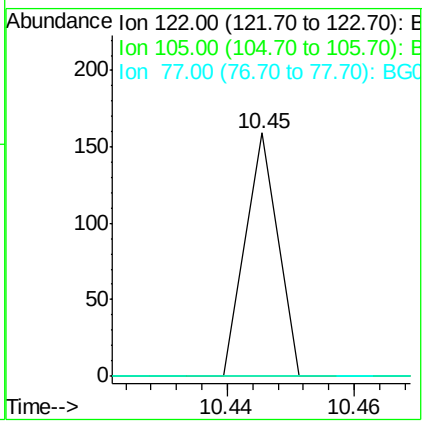


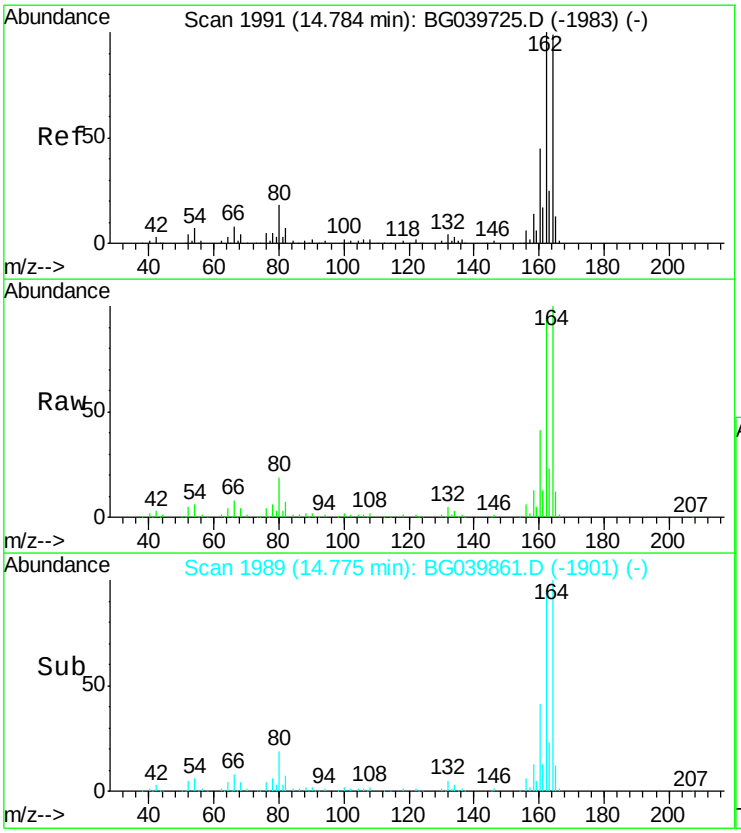
#32
Benzoic acid
Concen: 6.628 ng
RT: 10.45 min Scan# 1252
Delta R.T. 0.18 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:122 Resp: 56

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

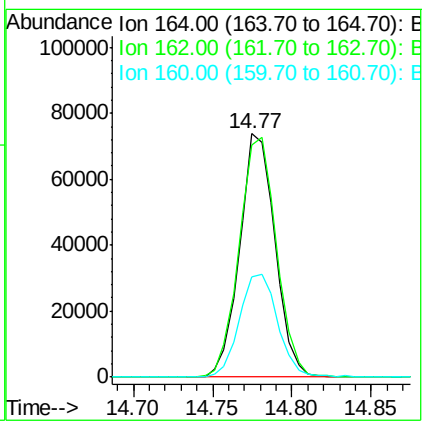


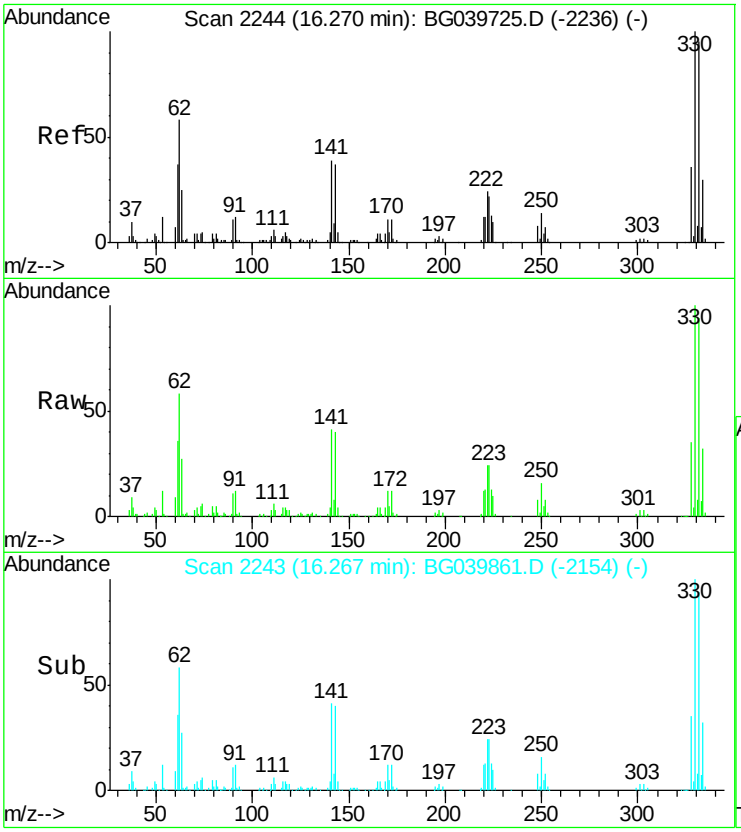


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion:164 Resp: 114097

Ion	Ratio	Lower	Upper
164	100		
162	95.3	81.6	122.4
160	41.4	34.2	51.2



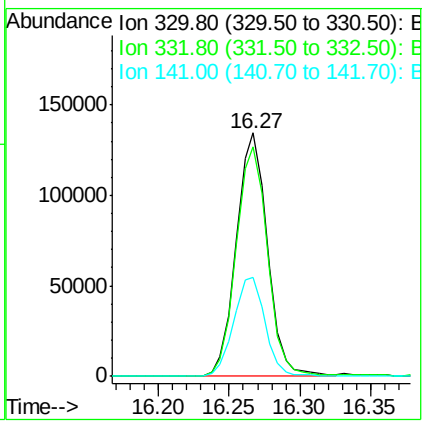


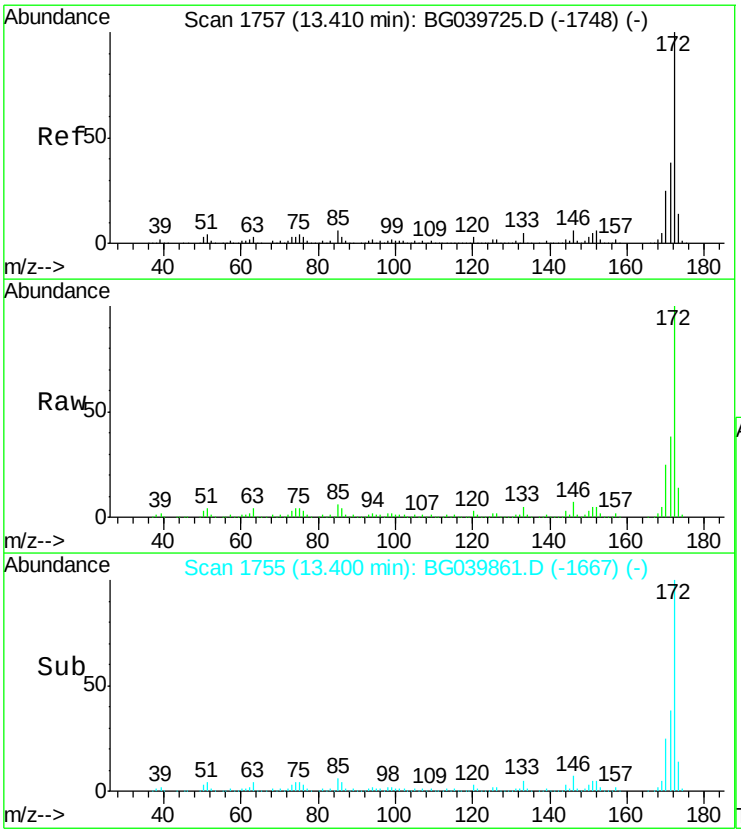
#42
2,4,6-Tribromophenol
Concen: 156.138 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:330 Resp: 207646

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	41.4	35.6	53.4

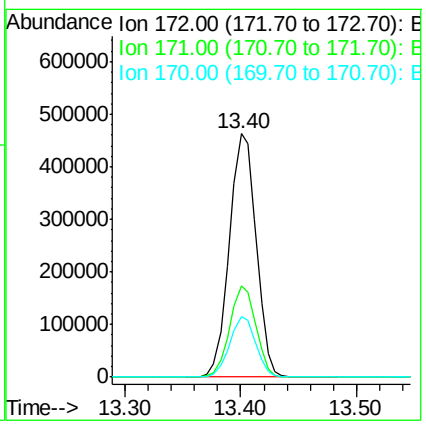


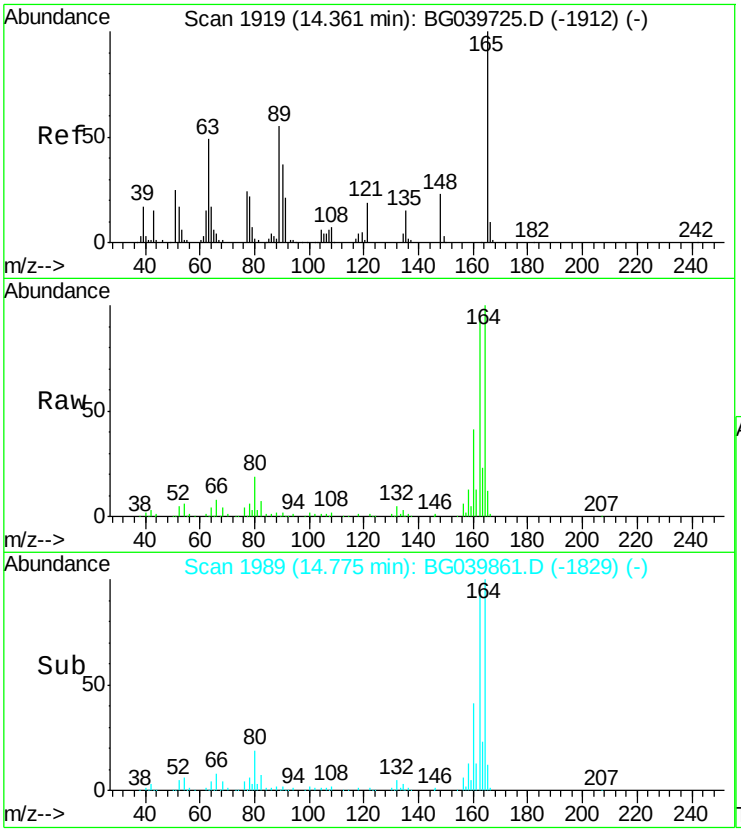


#45
2-Fluorobiphenyl
Concen: 92.508 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion:172 Resp: 741304

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	24.7	20.2	30.4



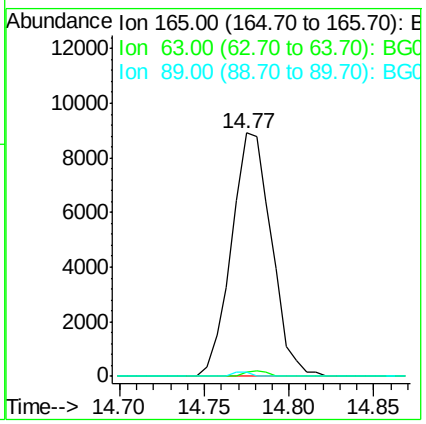


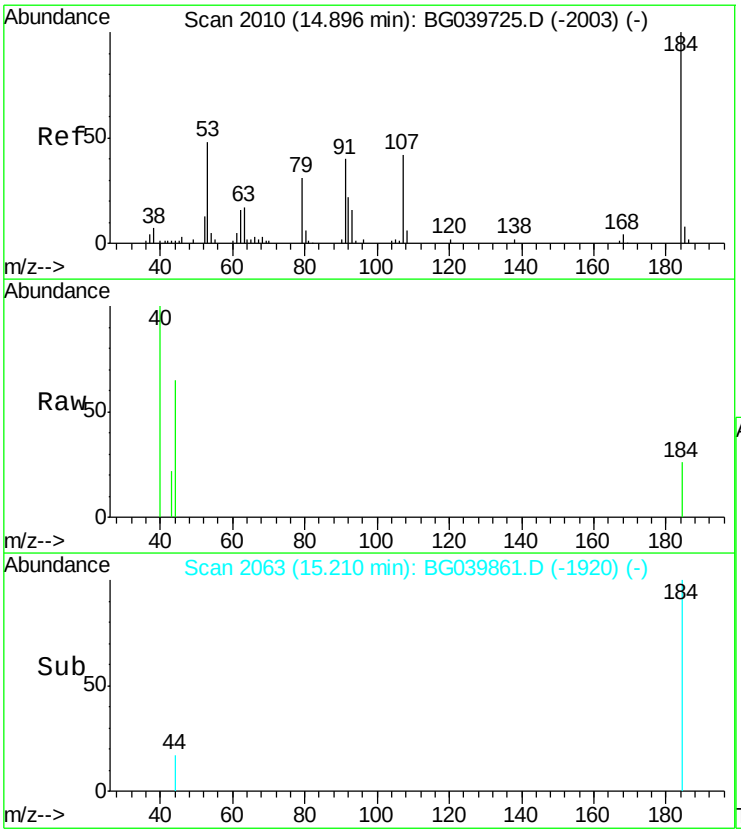
#51
2,6-Dinitrotoluene
Concen: 7.243 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.41 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:165 Resp: 14649

Ion	Ratio	Lower	Upper
165	100		
63	1.8	47.0	70.6#
89	2.0	45.8	68.8#

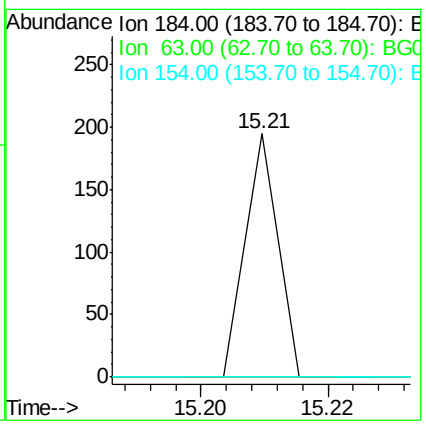


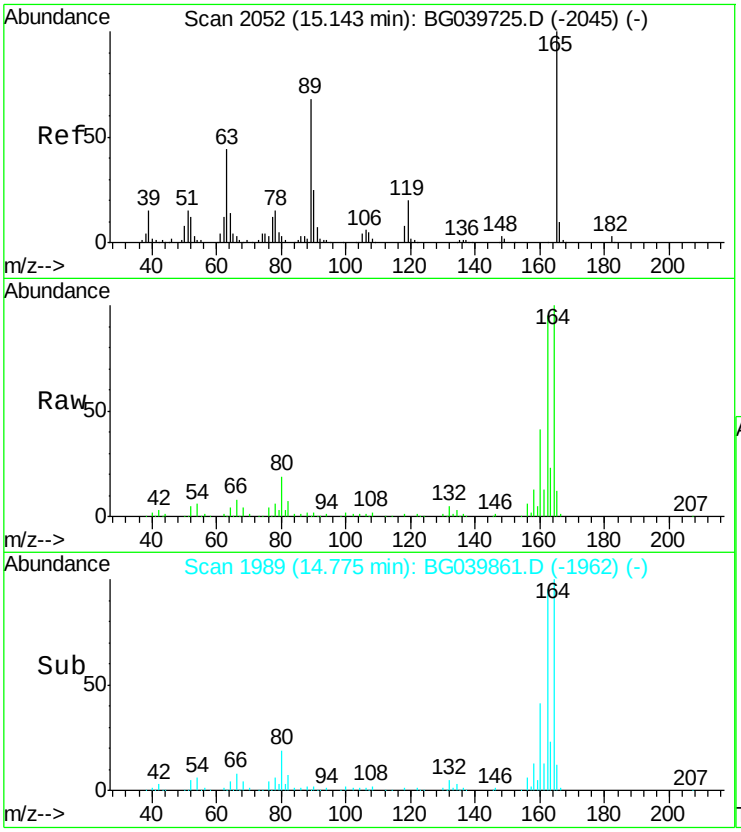


#54
2,4-Dinitrophenol
Concen: 5.307 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.31 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion:184 Resp: 69

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



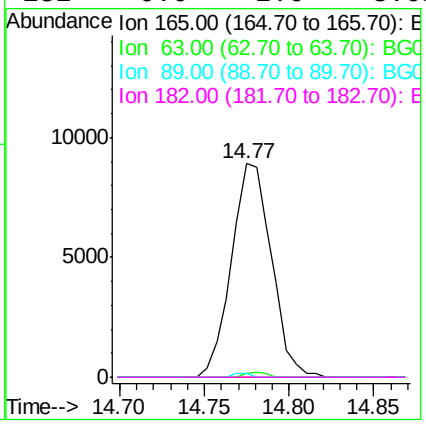


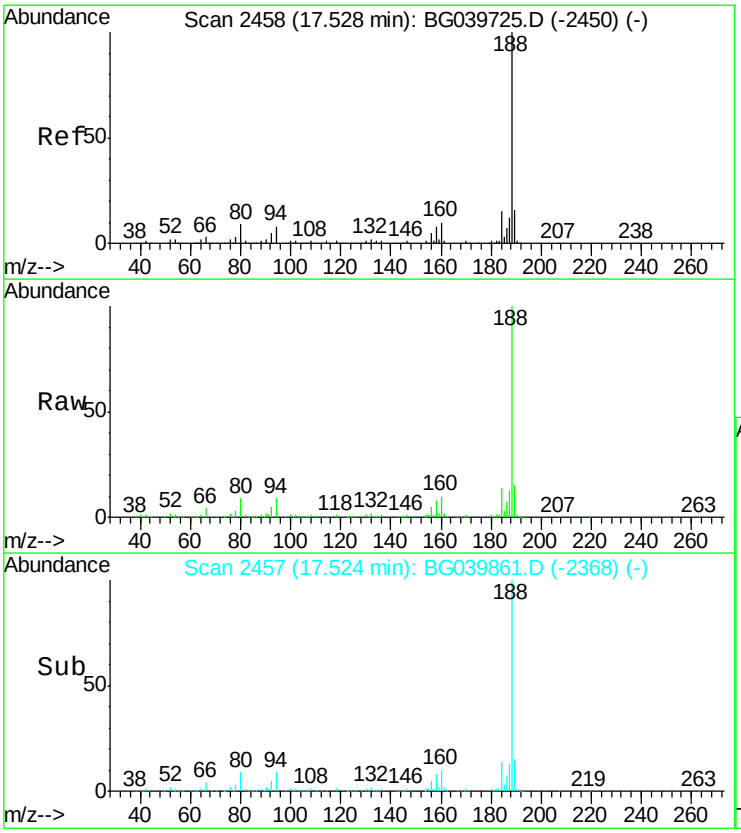
#57
2,4-Dinitrotoluene
Concen: 5.155 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:165 Resp: 14649

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.0	61.6#
89	2.0	64.6	96.8#
182	0.0	2.0	3.0#

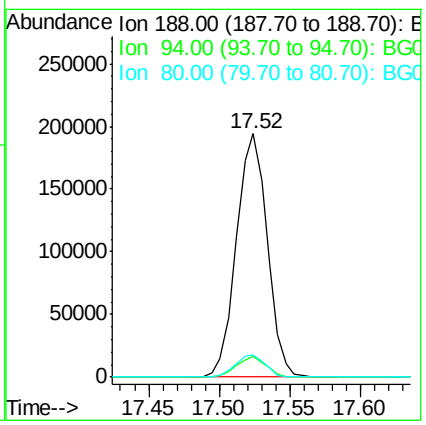


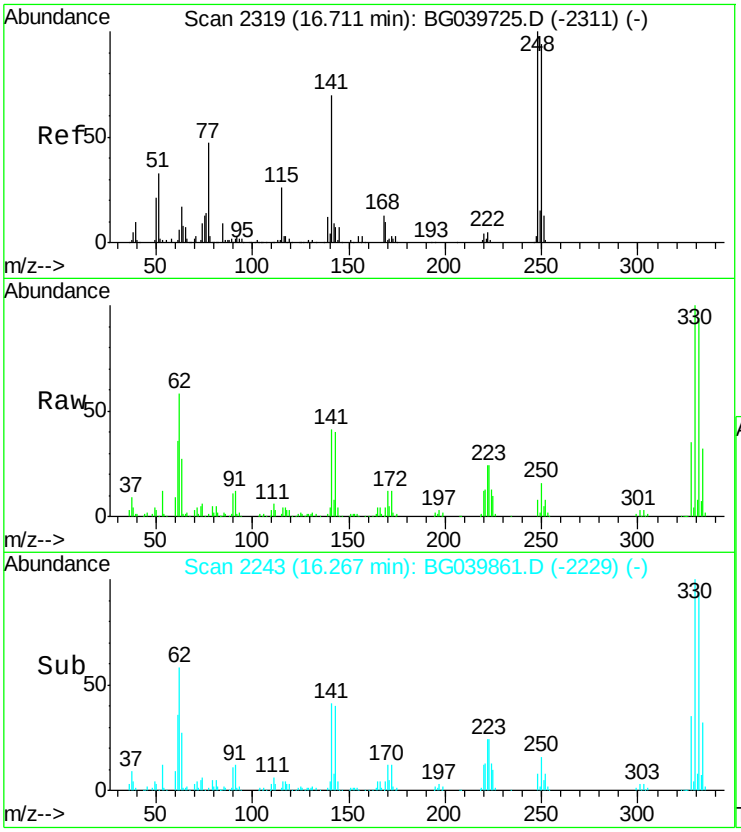


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion:188 Resp: 296296

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	8.9	8.1	12.1



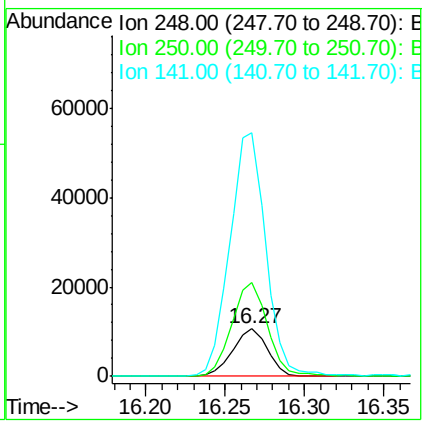


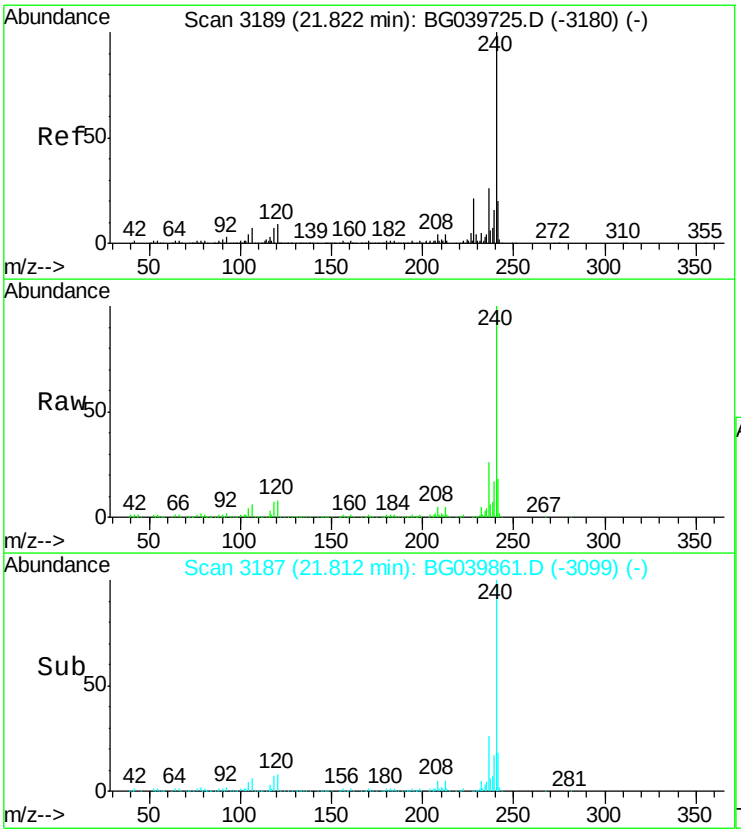
#67
4-Bromophenyl-phenylether
Concen: 4.941 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:248 Resp: 16388

Ion	Ratio	Lower	Upper
248	100		
250	197.0	77.6	116.4#
141	510.2	63.9	95.9#

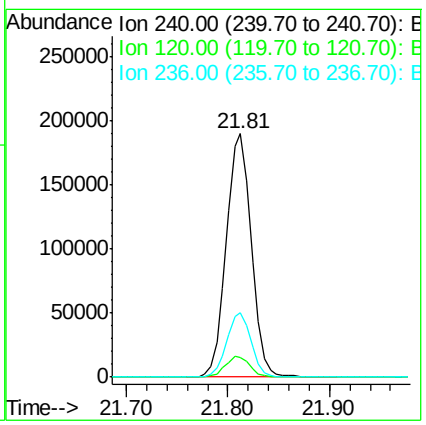


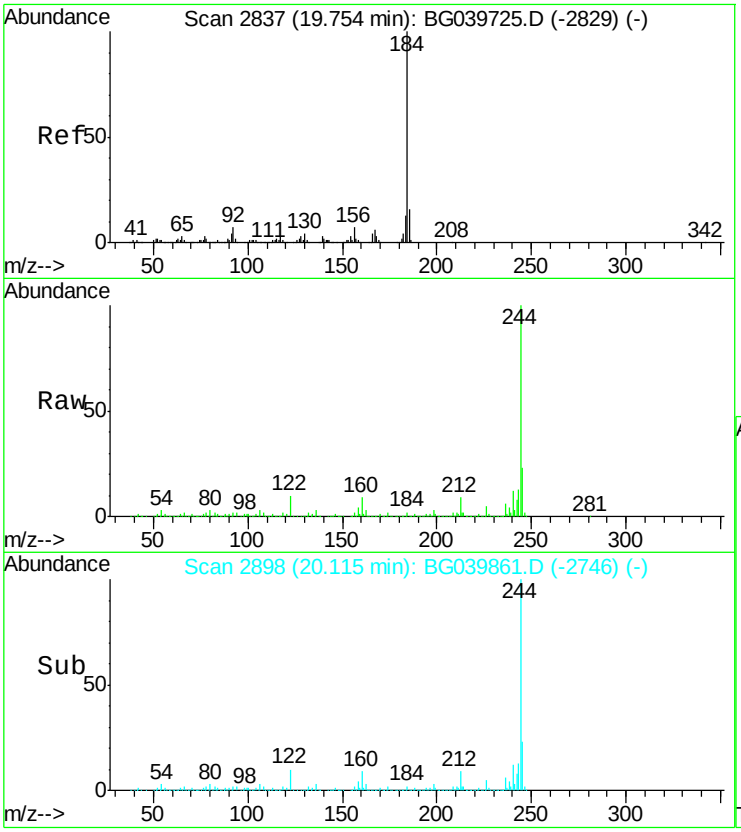


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion:240 Resp: 324289

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.2	21.0	31.4



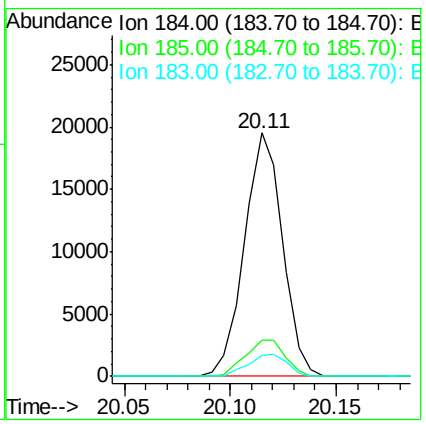


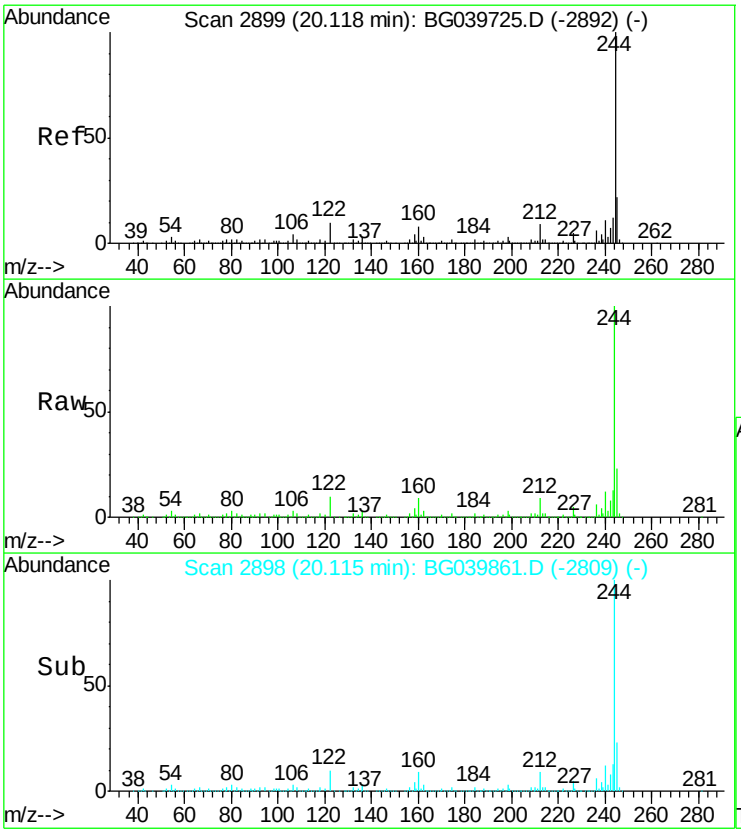
#77
Benzidine
Concen: 2.369 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:184 Resp: 24379

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.2
183	8.6	10.6	15.8#

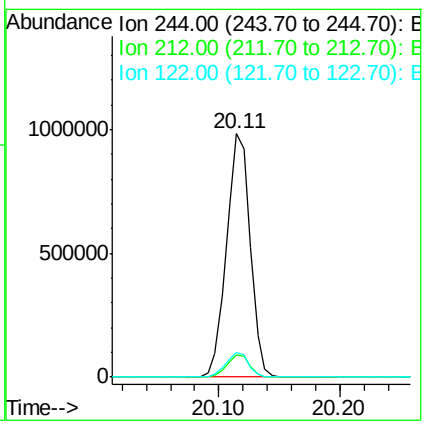


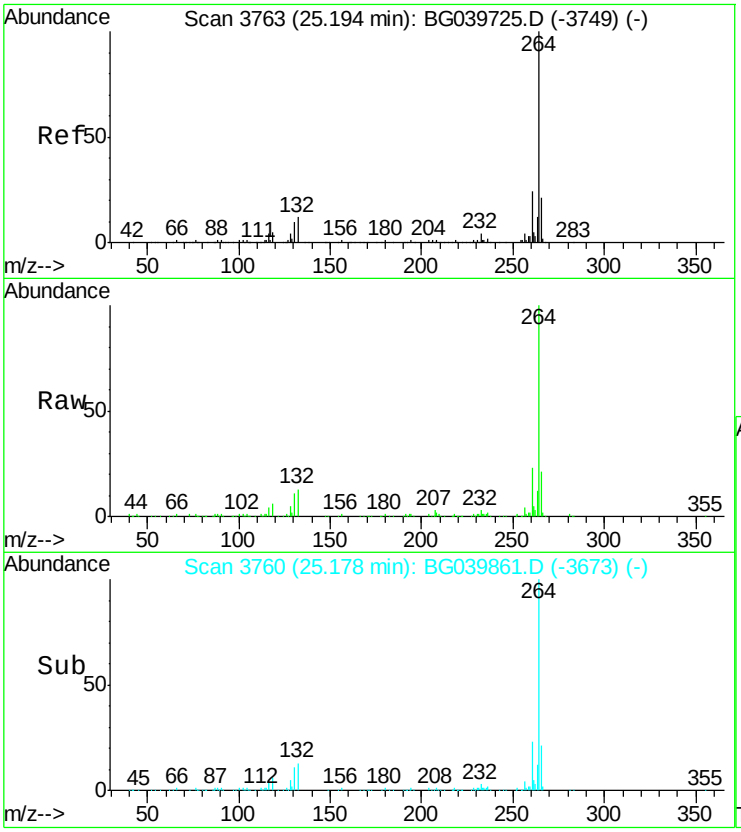


#79
Terphenyl-d14
Concen: 90.706 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Tgt Ion:244 Resp: 1335940

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039861.D
Acq: 12 Mar 2019 4:59

Instrument :
BNA_G
ClientSampleId :
SP-1

Tgt Ion:264 Resp: 312496

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.1	18.5	27.7