Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039917.D
Acq On : 14 Mar 2019 00:42
Operator : JU/SJ
Sample : K1870-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 14 04:21:18 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	43248	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176720	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115170	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268585	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	300402	20.00	ng	-0.03
87) Perylene-d12	25.16	264	298580	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	323539	127.63	ng	-0.01
7) Phenol-d6	7.29	99	400642	105.99	ng	-0.02
23) Nitrobenzene-d5	9.33	82	326260	99.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	188795	140.64	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	781532	96.62	ng	-0.02
79) Terphenyl-d14	20.11	244	1255486	92.02	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.33	70	44263	16.269	ng	# 67
32) Benzoic acid	10.22	122	797	6.987	ng	# 60
51) 2,6-Dinitrotoluene	14.77	165	14887	7.292	ng	# 22
54) 2,4-Dinitrophenol	14.47	184	58	5.298	ng	# 18
57) 2,4-Dinitrotoluene	14.77	165	14887	5.189	ng	# 17
67) 4-Bromophenyl-phenylether	16.26	248	14965	4.978	ng	# 1
77) Benzidine	20.11	184	22979	2.411	ng	# 91

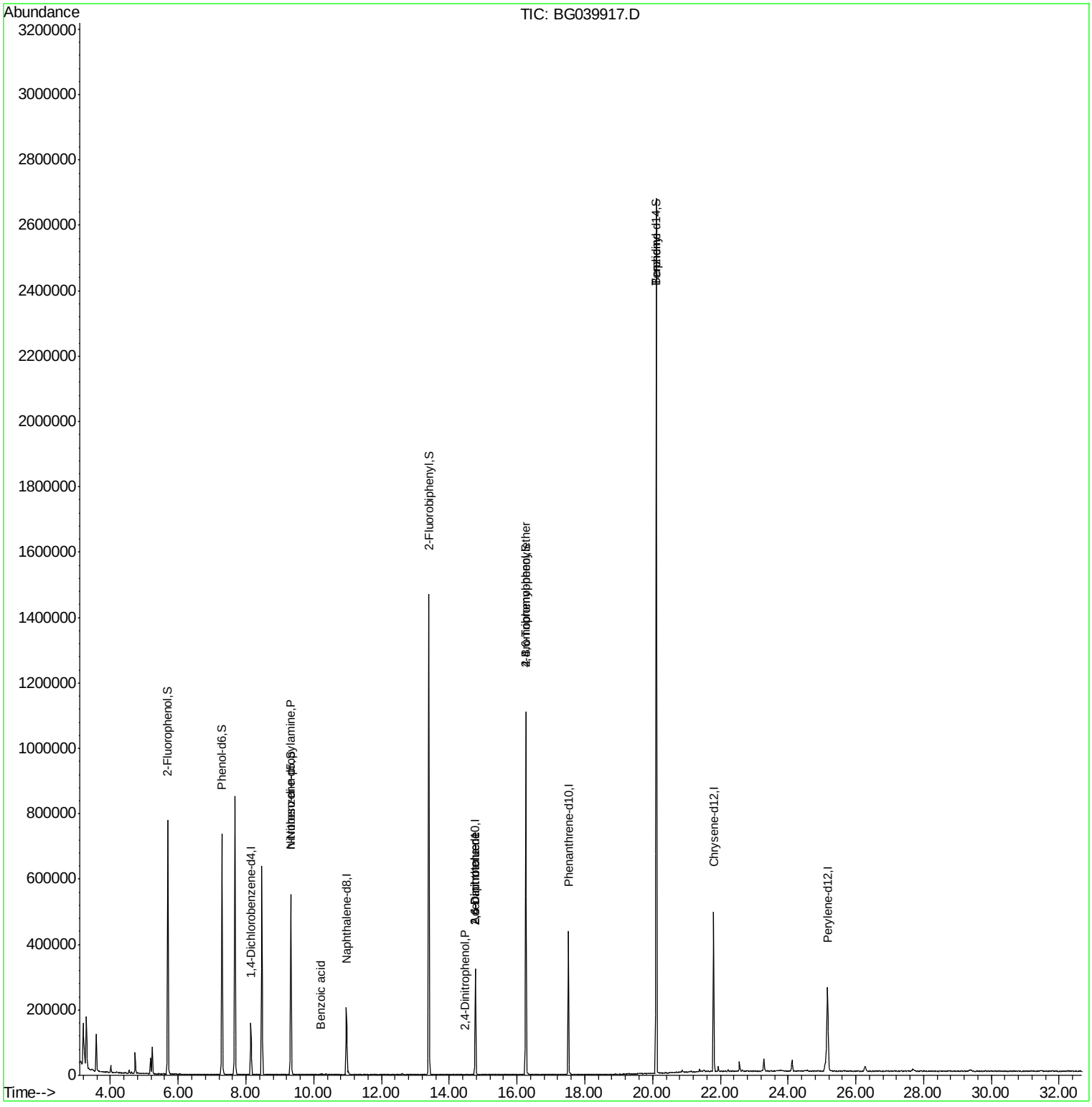
(#) = qualifier out of range (m) = manual integration (+) = signals summed

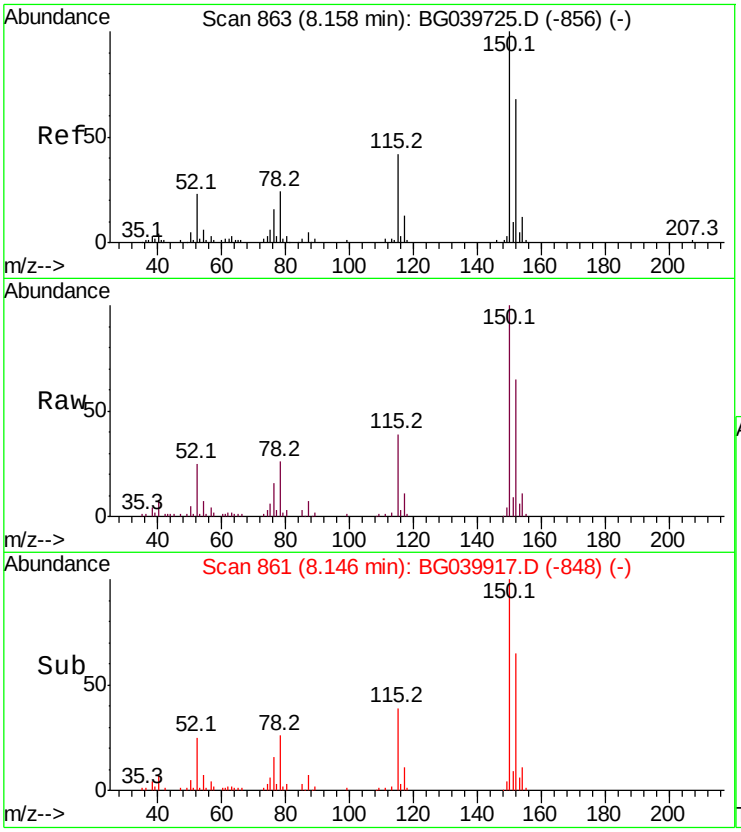
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039917.D
Acq On : 14 Mar 2019 00:42
Operator : JU/SJ
Sample : K1870-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 14 04:21:18 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



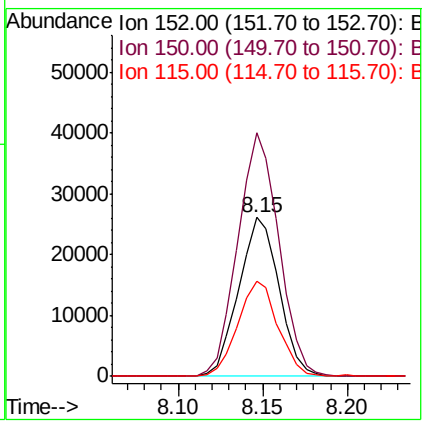


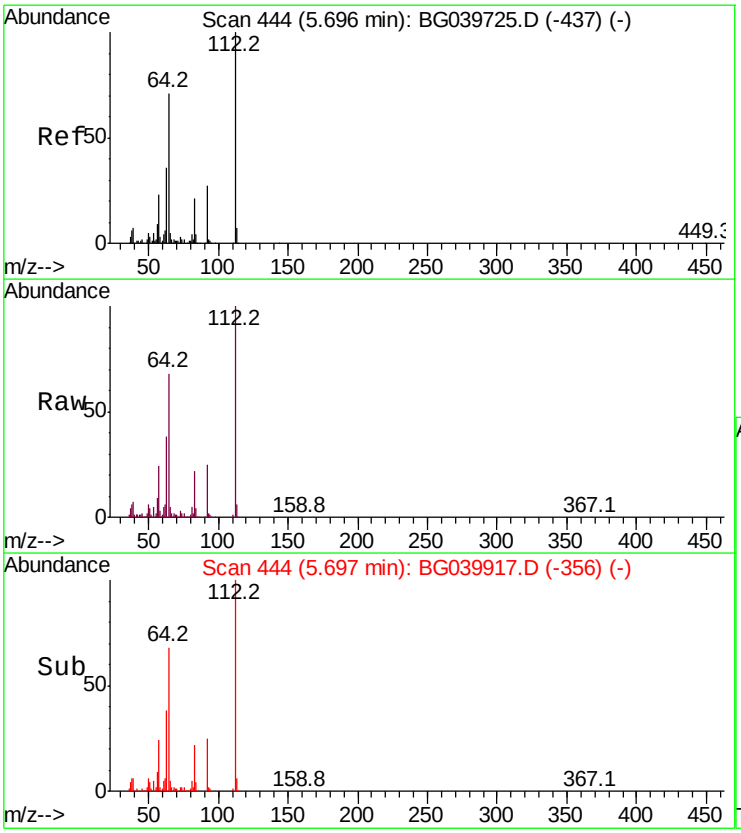
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43248

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.7	185.5
115	60.2	45.9	68.9

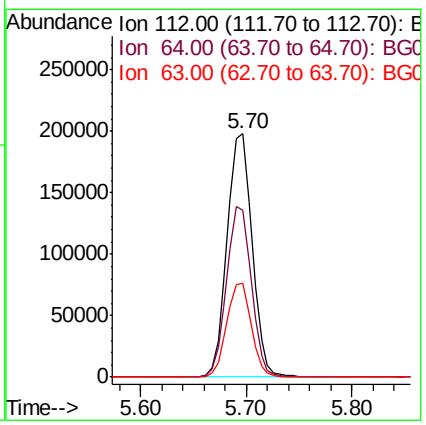


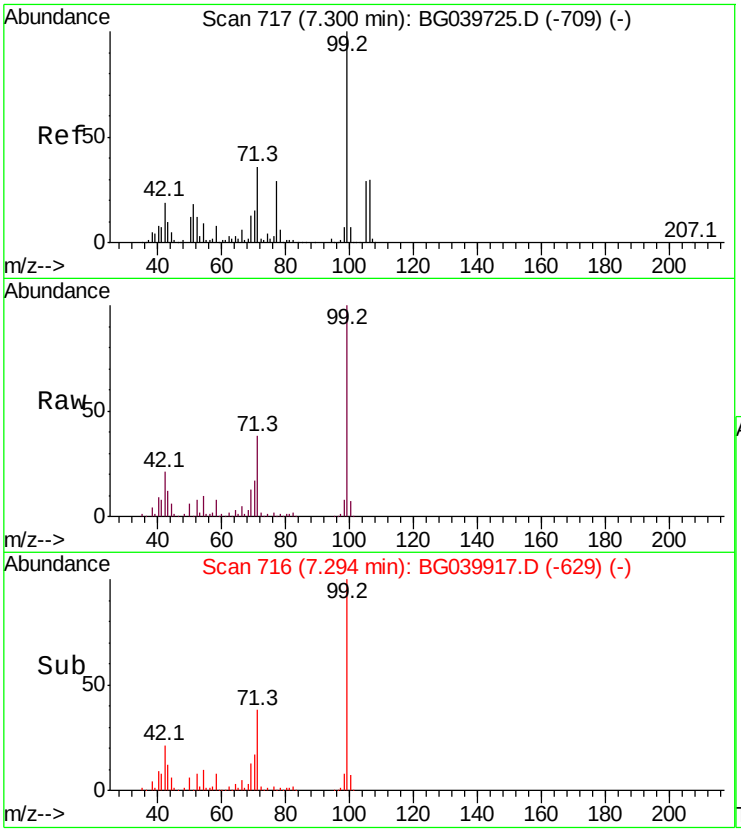


#5
2-Fluorophenol
Concen: 127.627 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:112 Resp: 323539

Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	38.3	29.8	44.6



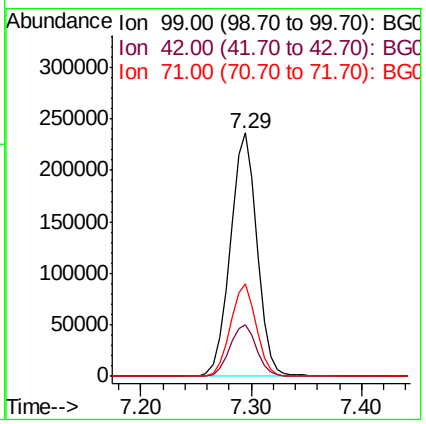


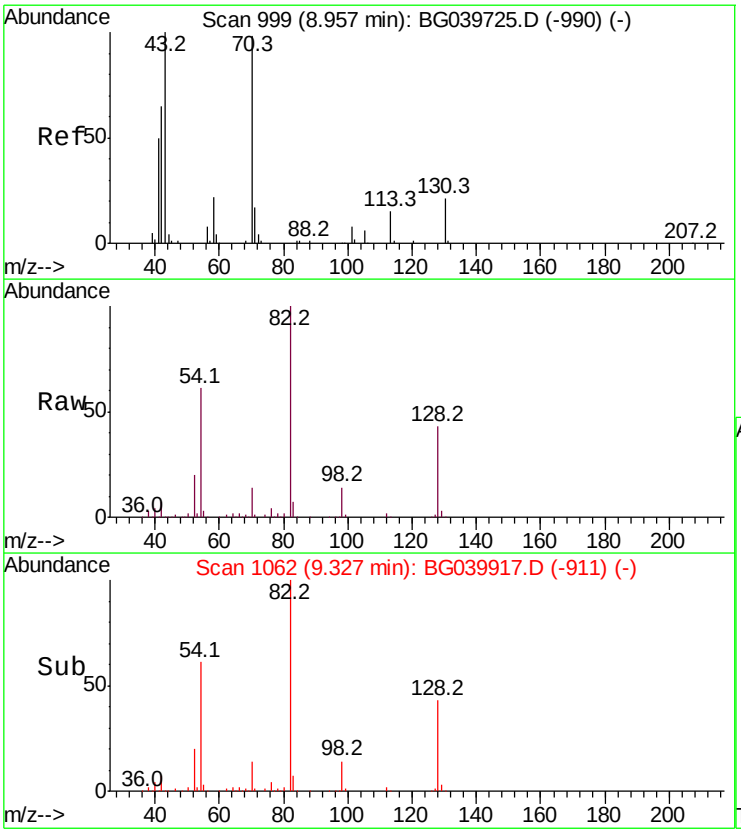
#7
Phenol-d6
Concen: 105.993 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 400642

Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.2	27.2
71	38.0	28.0	42.0

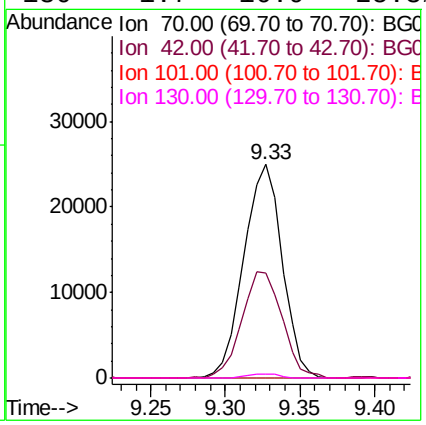


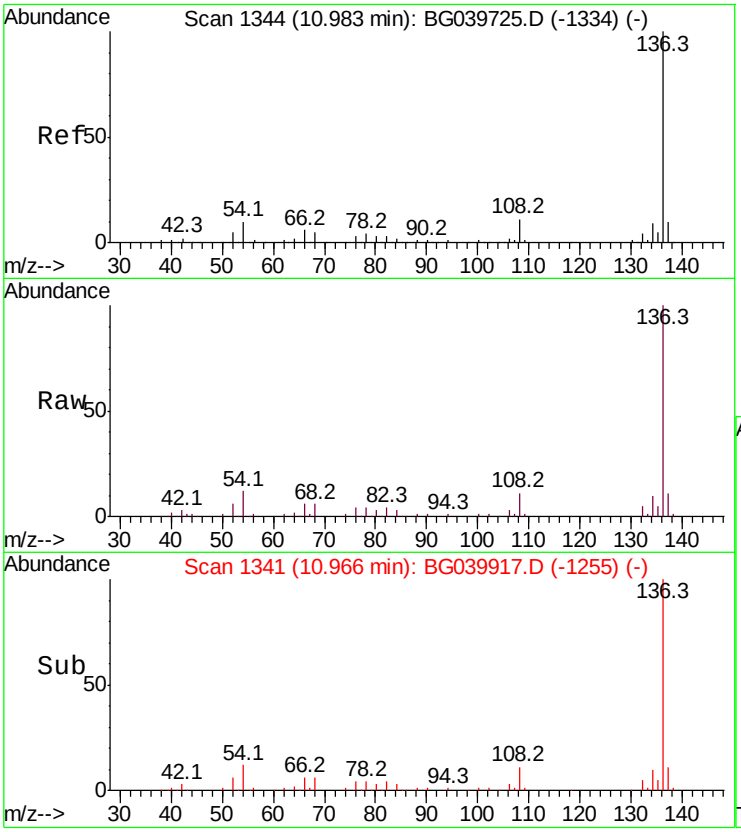


#19
n-Nitroso-di-n-propylamine
Concen: 16.269 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion: 70 Resp: 44263

Ion	Ratio	Lower	Upper
70	100		
42	48.9	60.4	90.6#
101	0.0	7.5	11.3#
130	1.7	16.9	25.3#



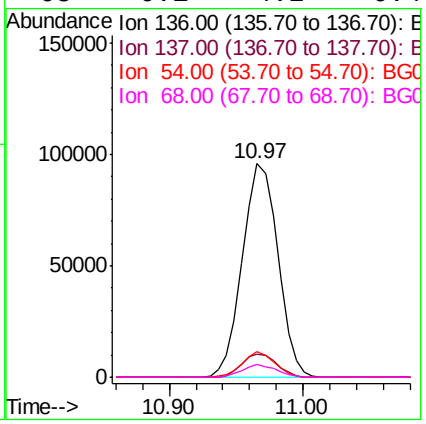


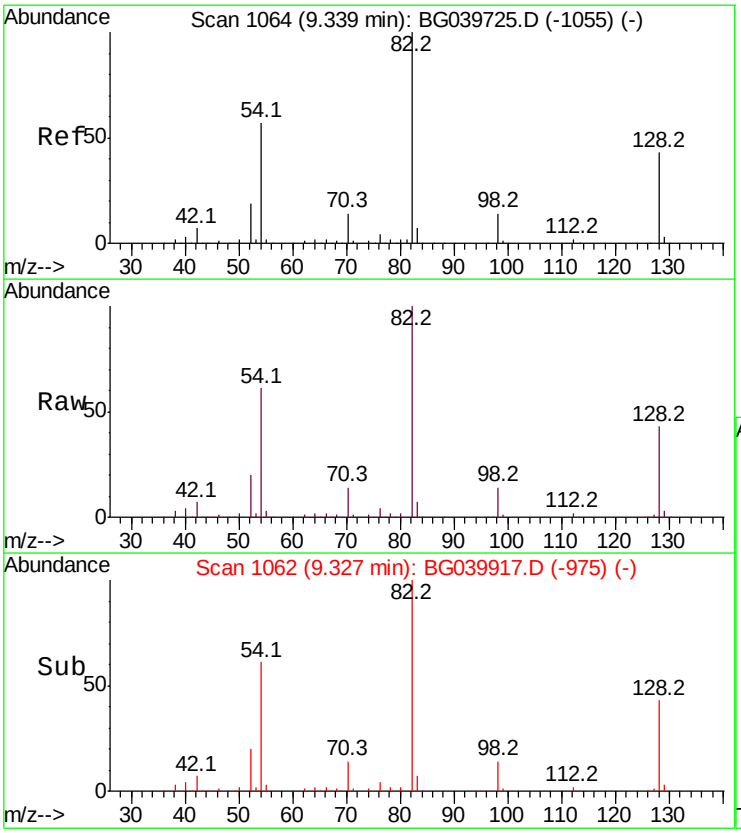
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 176720

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.8	9.4	14.2
68	6.1	4.2	6.4

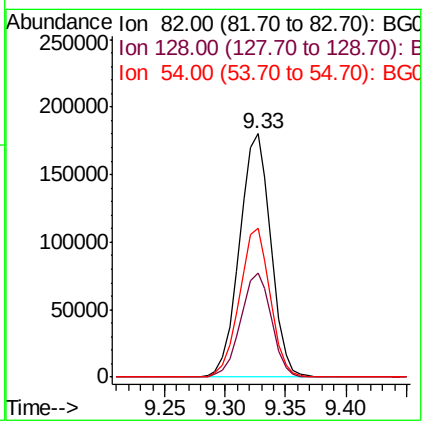


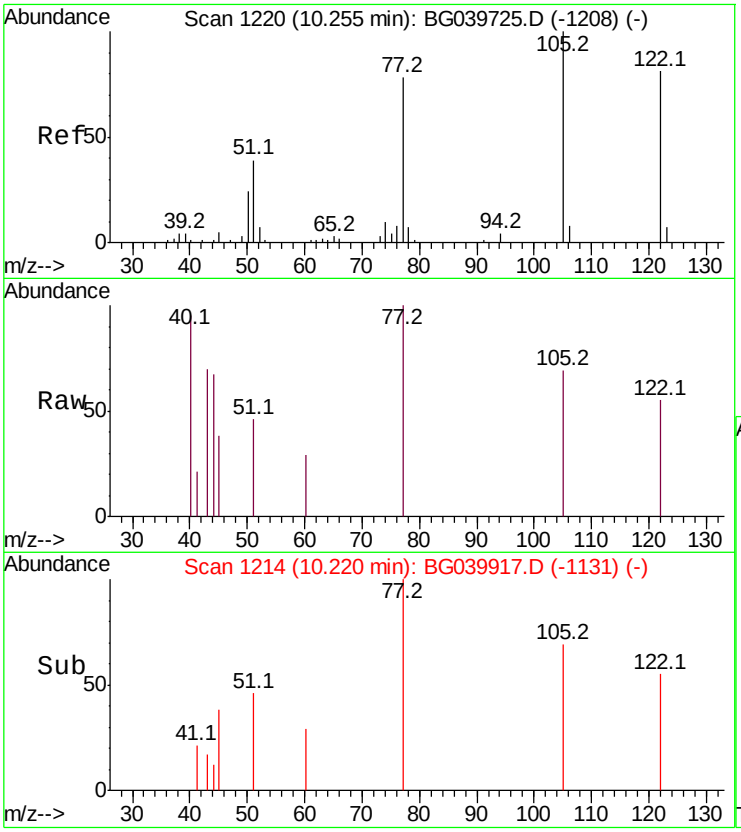


#23
Nitrobenzene-d5
Concen: 99.850 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion: 82 Resp: 326260

Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	61.0	50.9	76.3



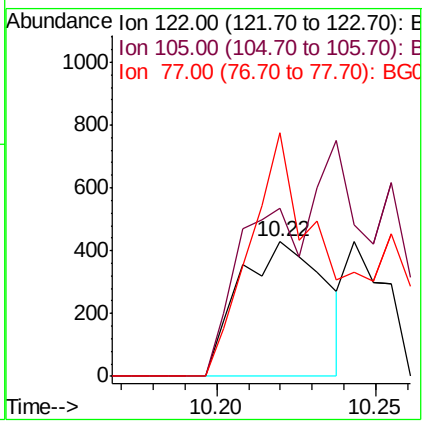


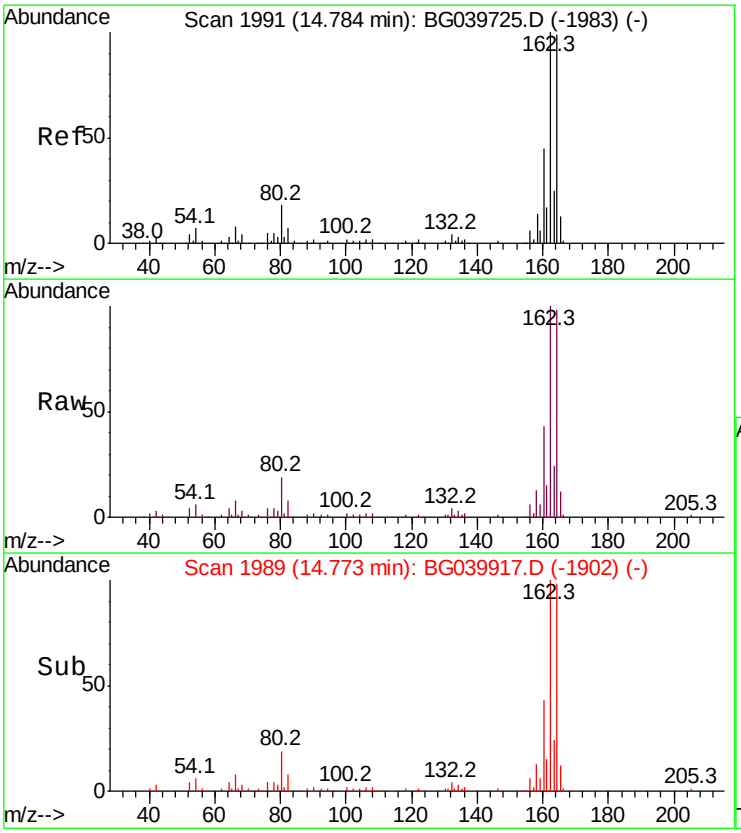
#32
Benzoic acid
Concen: 6.987 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 797

Ion	Ratio	Lower	Upper
122	100		
105	125.5	101.8	141.8
77	181.1	76.3	116.3#

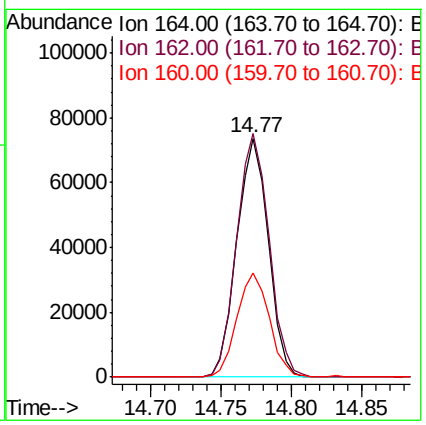


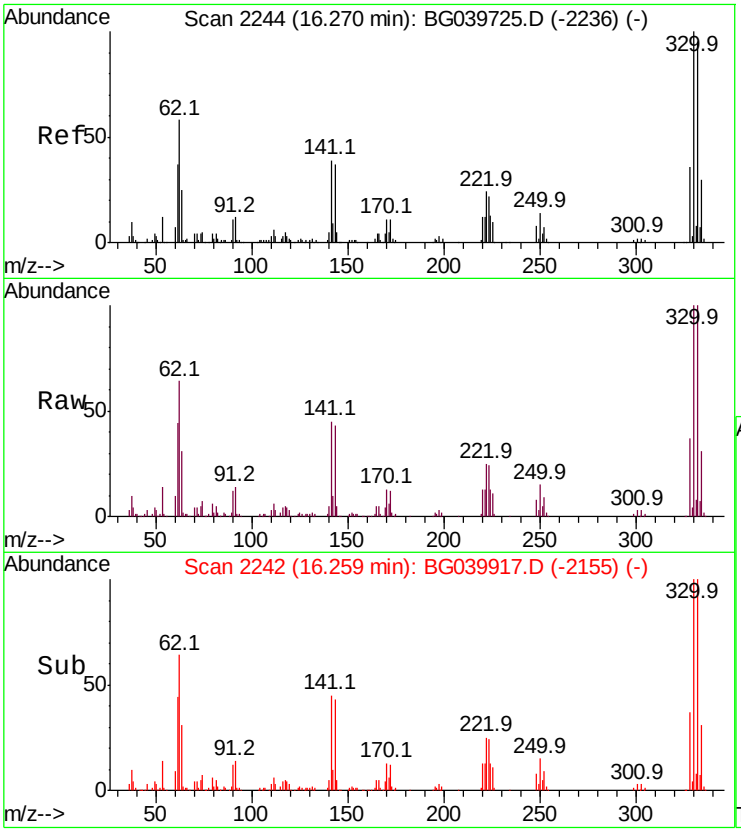


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:164 Resp: 115170

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	43.7	34.2	51.2



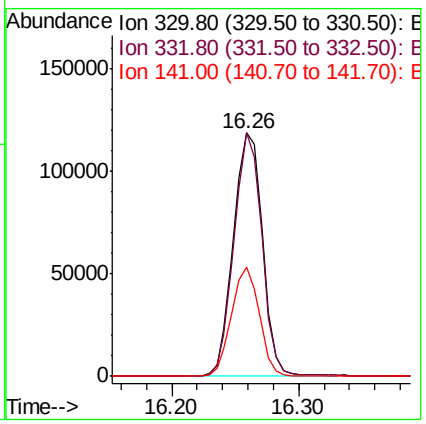


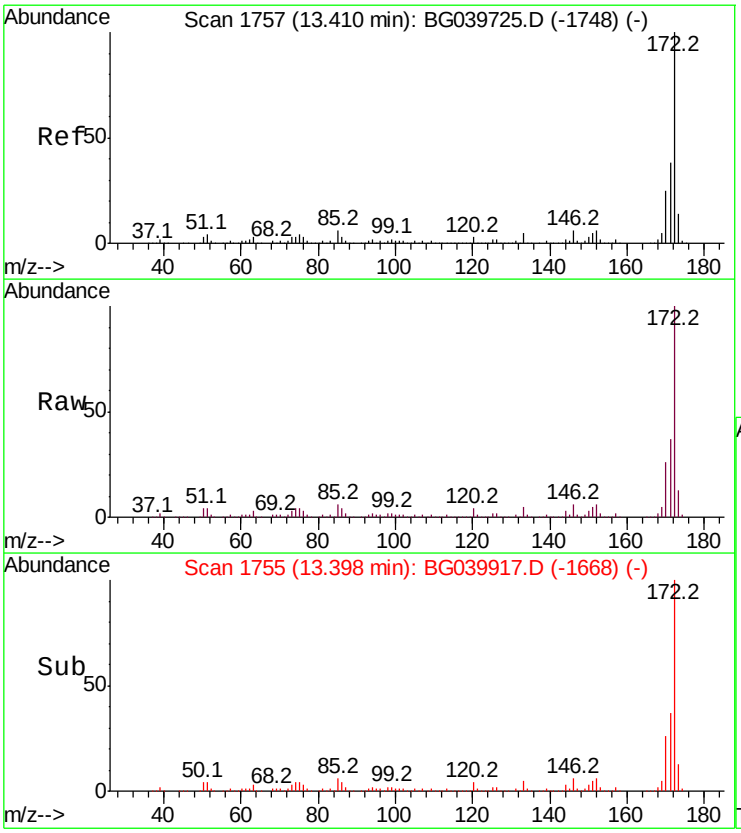
#42
2,4,6-Tribromophenol
Concen: 140.641 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 188795

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	42.8	35.6	53.4

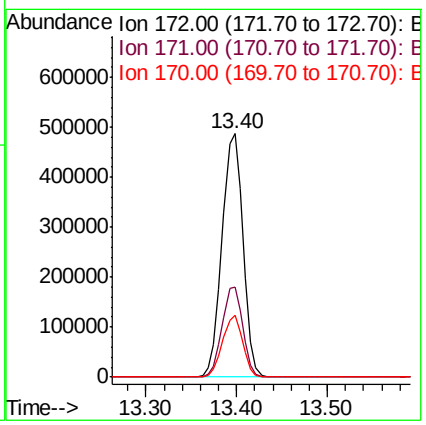


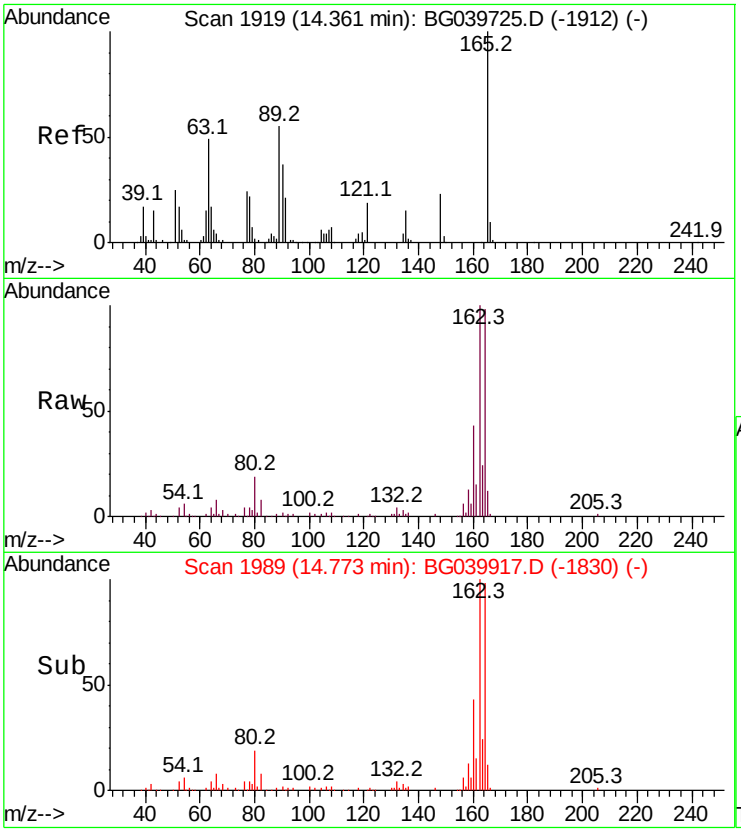


#45
2-Fluorobiphenyl
Concen: 96.620 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:172 Resp: 781532

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	25.6	20.2	30.4



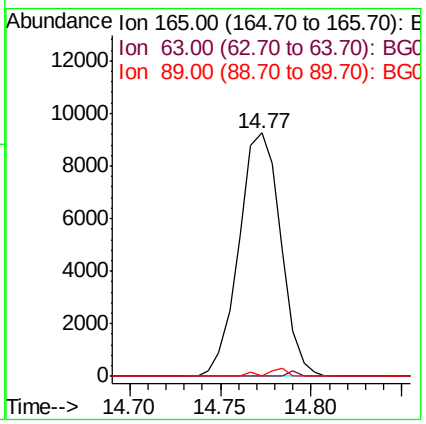


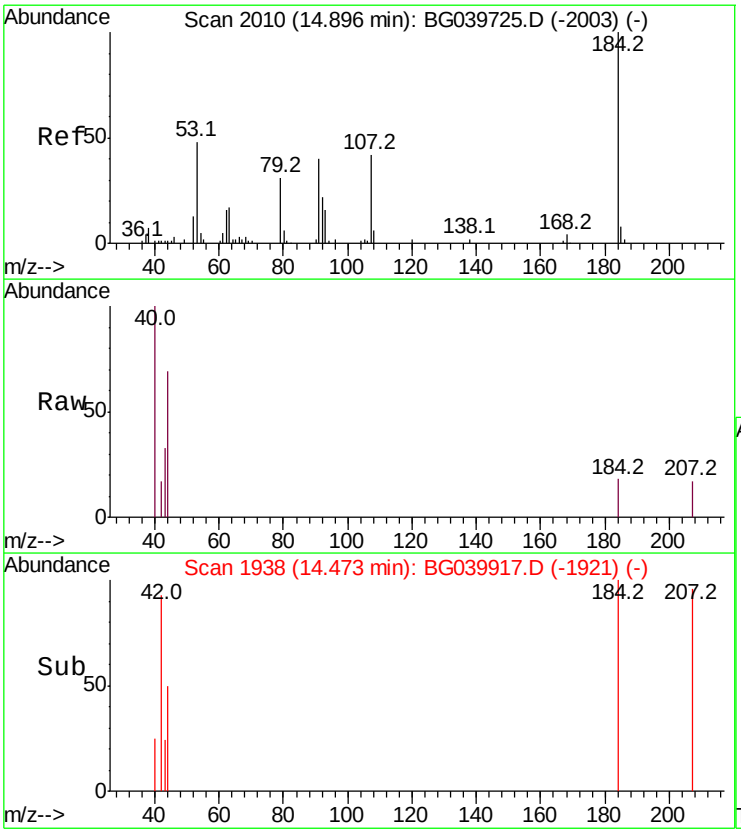
#51
2,6-Dinitrotoluene
Concen: 7.292 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.40 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14887

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

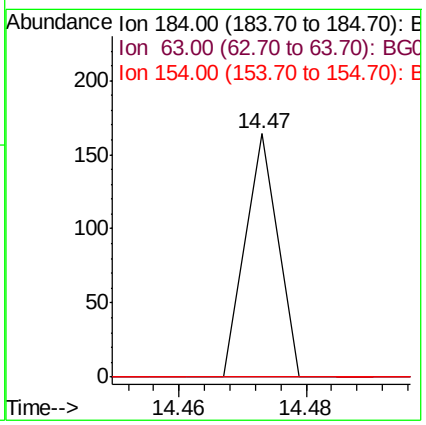


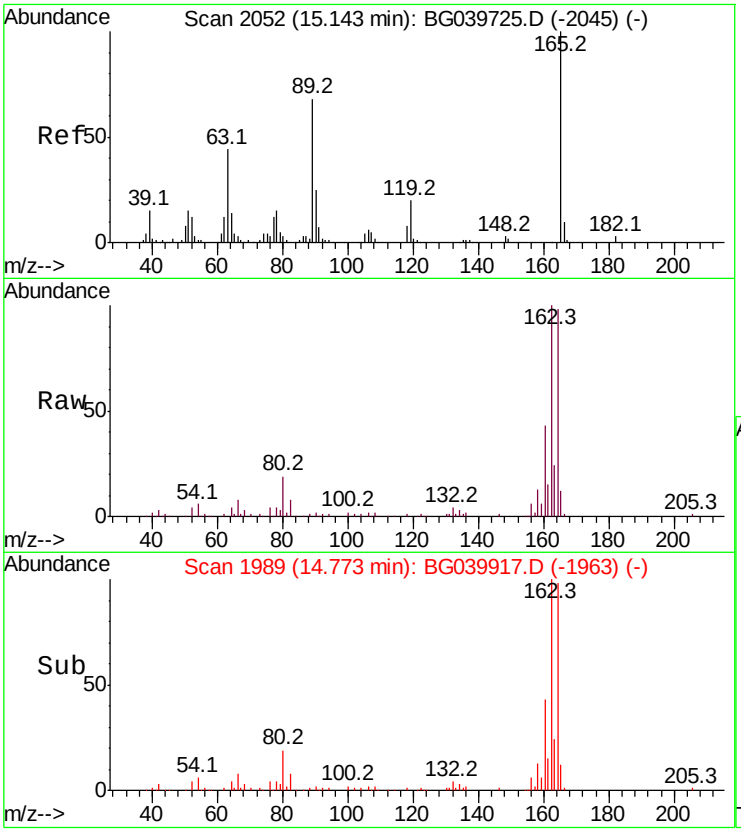


#54
2,4-Dinitrophenol
Concen: 5.298 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.43 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:184 Resp: 58

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



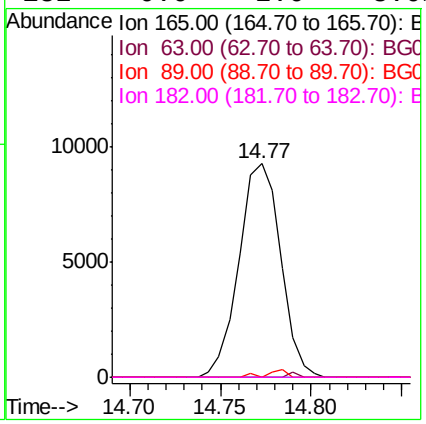


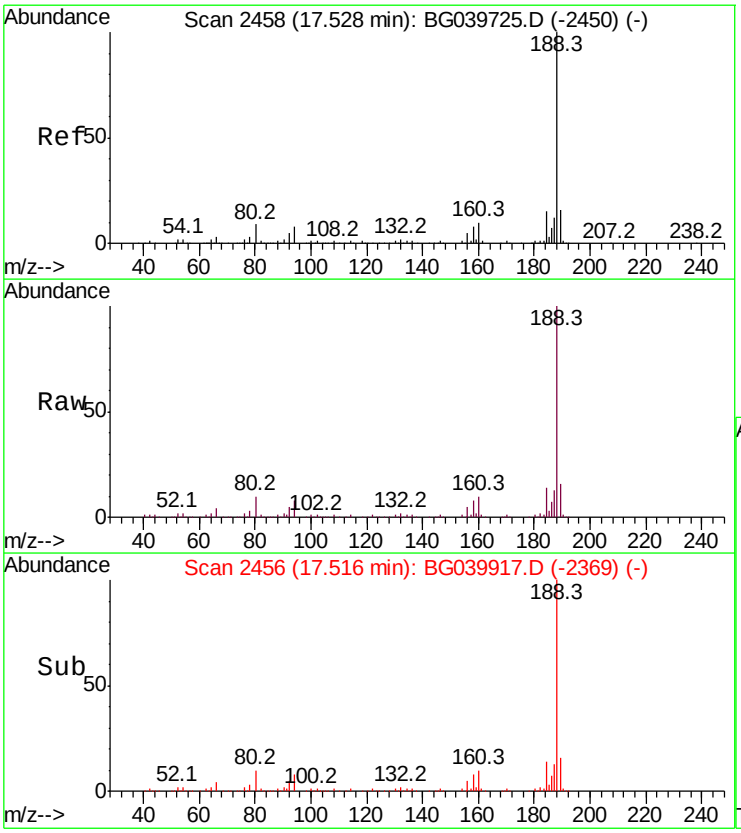
#57
2,4-Dinitrotoluene
Concen: 5.189 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.38 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14887

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#

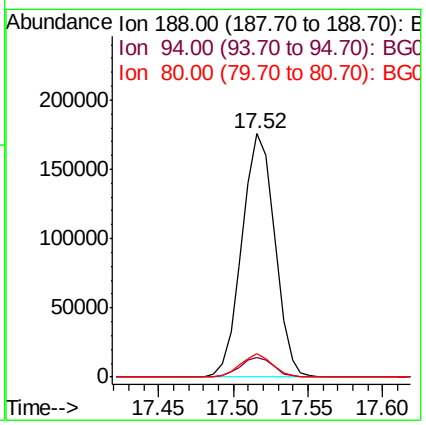


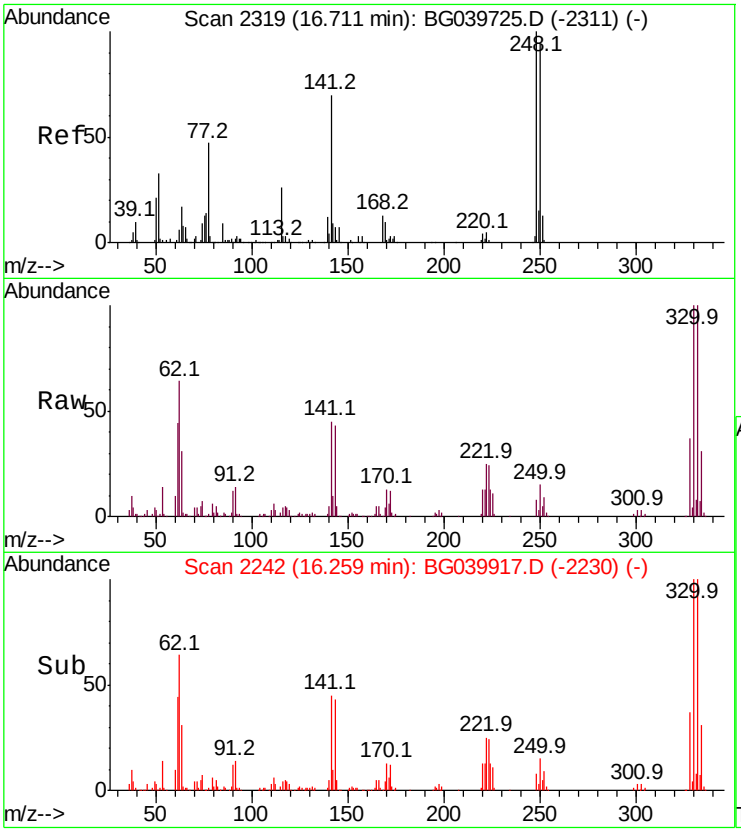


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:188 Resp: 268585

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.7	8.1	12.1



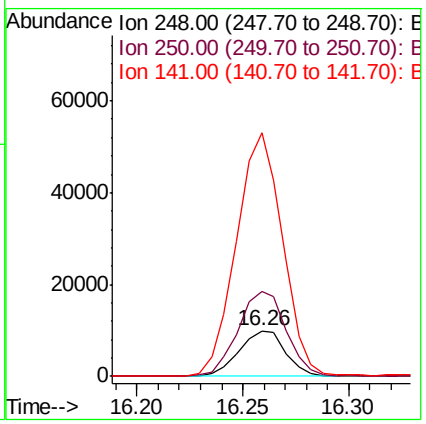


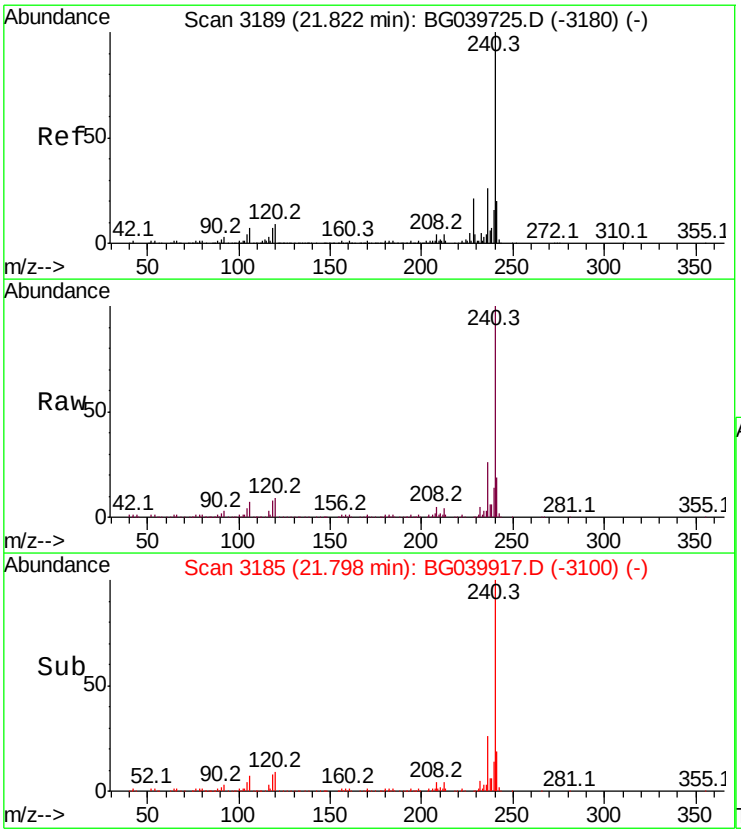
#67
4-Bromophenyl-phenylether
Concen: 4.978 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14965

Ion	Ratio	Lower	Upper
248	100		
250	184.6	77.6	116.4#
141	532.5	63.9	95.9#

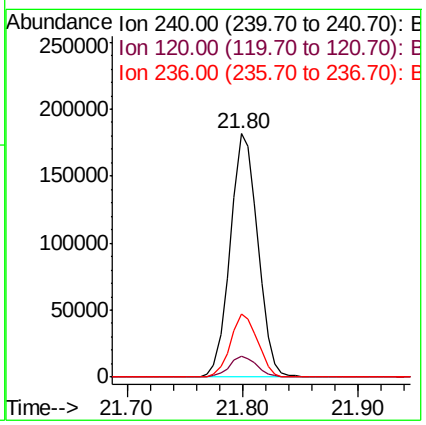


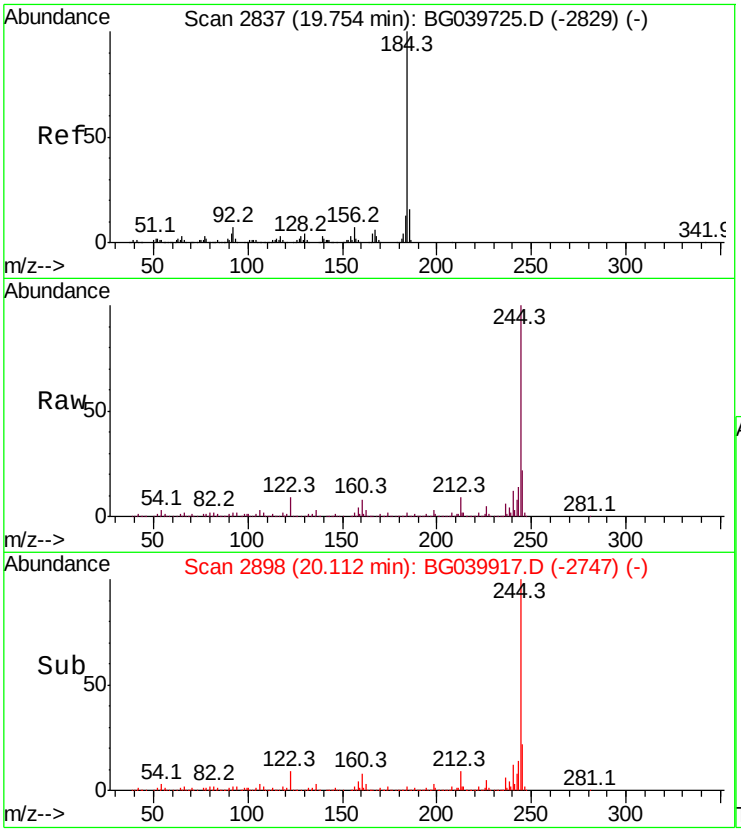


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:240 Resp: 300402

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.8	21.0	31.4



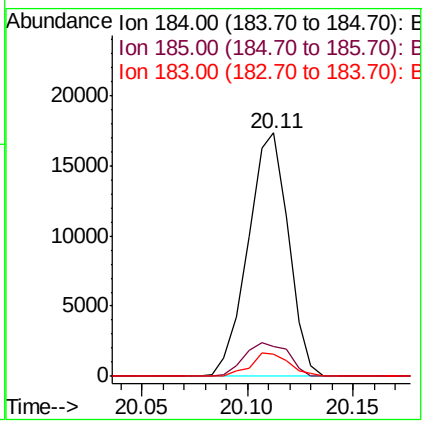


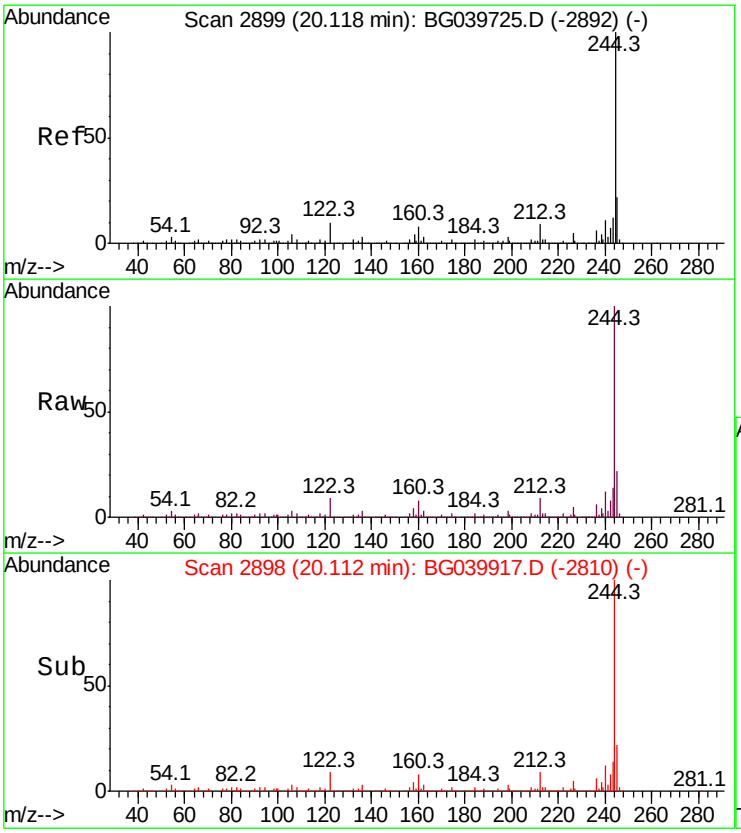
#77
Benzidine
Concen: 2.411 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 22979

Ion	Ratio	Lower	Upper
184	100		
185	12.4	12.2	18.2
183	8.9	10.6	15.8#

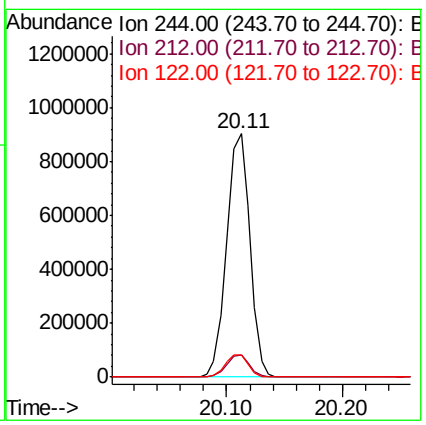


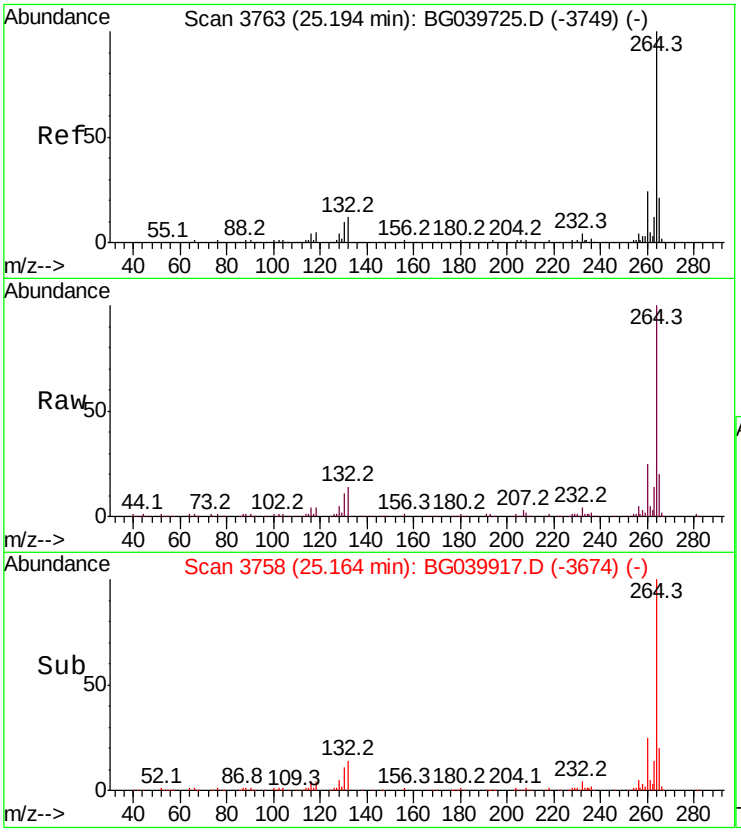


#79
Terphenyl-d14
Concen: 92.021 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Tgt Ion:244 Resp: 1255486

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039917.D
Acq: 14 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 298580

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	20.3	18.5	27.7