Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
Data File : BG041216.D
Acq On : 12 Jun 2019 21:23
Operator : HP/JU
Sample : K3300-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TI-633

Quant Time: Jun 13 05:38:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41682	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	172418	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	122125	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	289091	20.00	ng		0.00
76) Chrysene-d12	21.75	240	301989	20.00	ng		0.00
87) Perylene-d12	25.08	264	313738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	86214	37.30	ng		0.00
7) Phenol-d6	7.25	99	71317	19.98	ng		0.00
23) Nitrobenzene-d5	9.29	82	338758	87.22	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	152060	83.87	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	730662	86.16	ng		0.00
79) Terphenyl-d14	20.07	244	1150874	80.88	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	47497	17.289	ng	#	74
22) Acetophenone	8.94	105	12645	2.614	ng	#	91
32) Benzoic acid	10.20	122	87	8.165	ng	#	55
50) Dimethylphthalate	14.18	163	30766	2.976	ng		98
51) 2,6-Dinitrotoluene	14.73	165	16335	7.329	ng	#	21
54) 2,4-Dinitrophenol	14.87	184	76	8.333	ng	#	44
57) 2,4-Dinitrotoluene	14.73	165	16335	5.188	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.22	198	454	8.830	ng		90
67) 4-Bromophenyl-phenylether	16.22	248	10979	2.814	ng	#	1
74) Di-n-butylphthalate	18.42	149	103555	6.538	ng		98
77) Benzidine	20.07	184	20403	2.832	ng	#	90

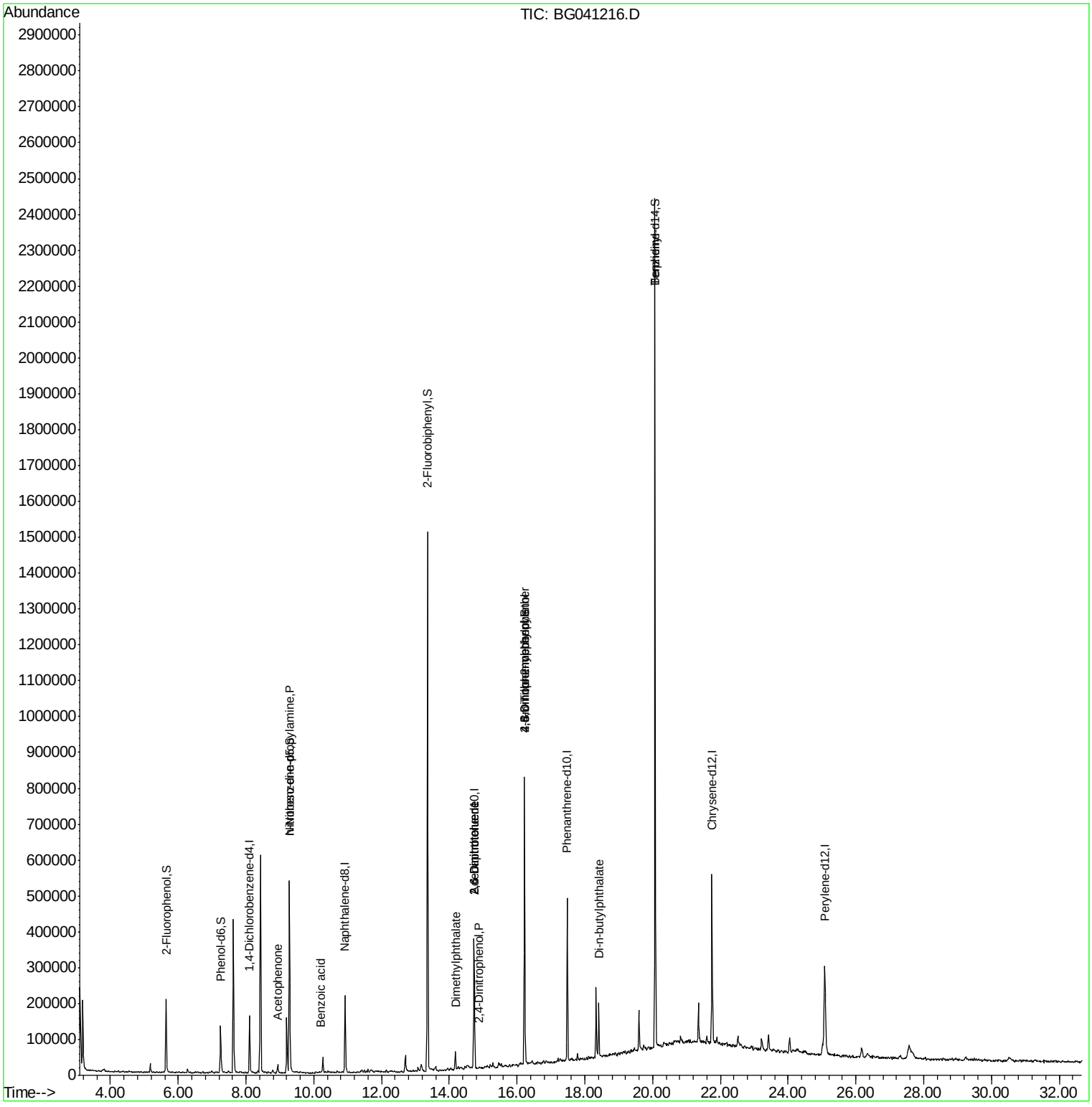
(#) = qualifier out of range (m) = manual integration (+) = signals summed

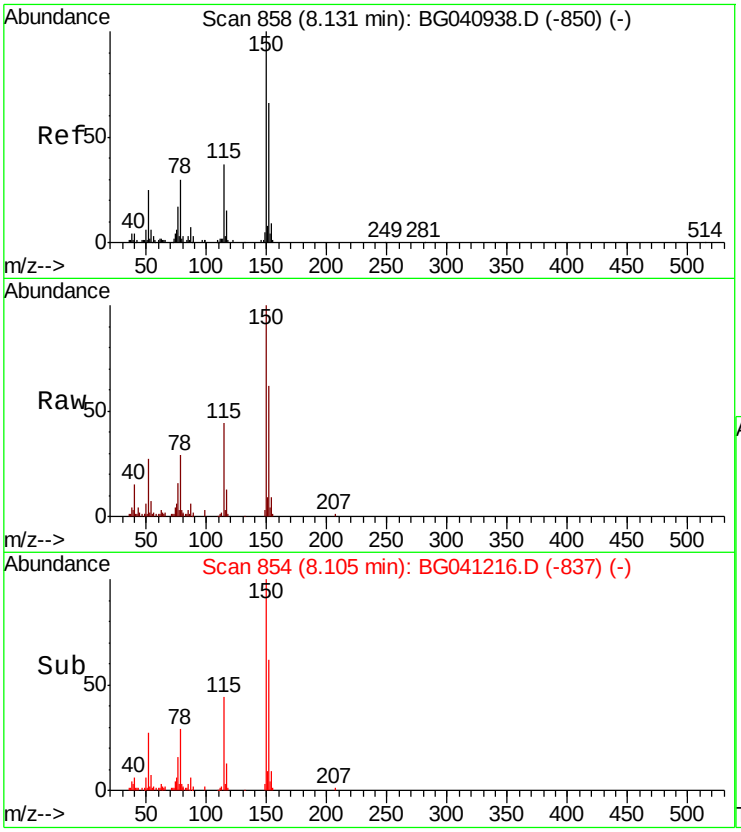
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
Data File : BG041216.D
Acq On : 12 Jun 2019 21:23
Operator : HP/JU
Sample : K3300-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TI-633

Quant Time: Jun 13 05:38:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration



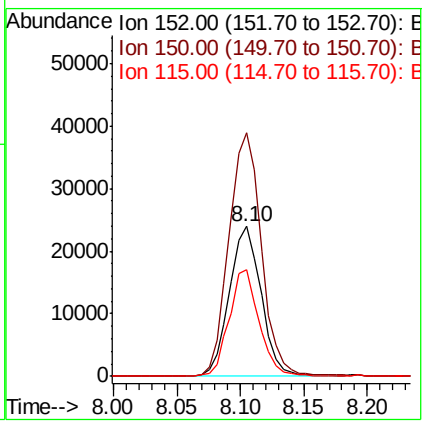


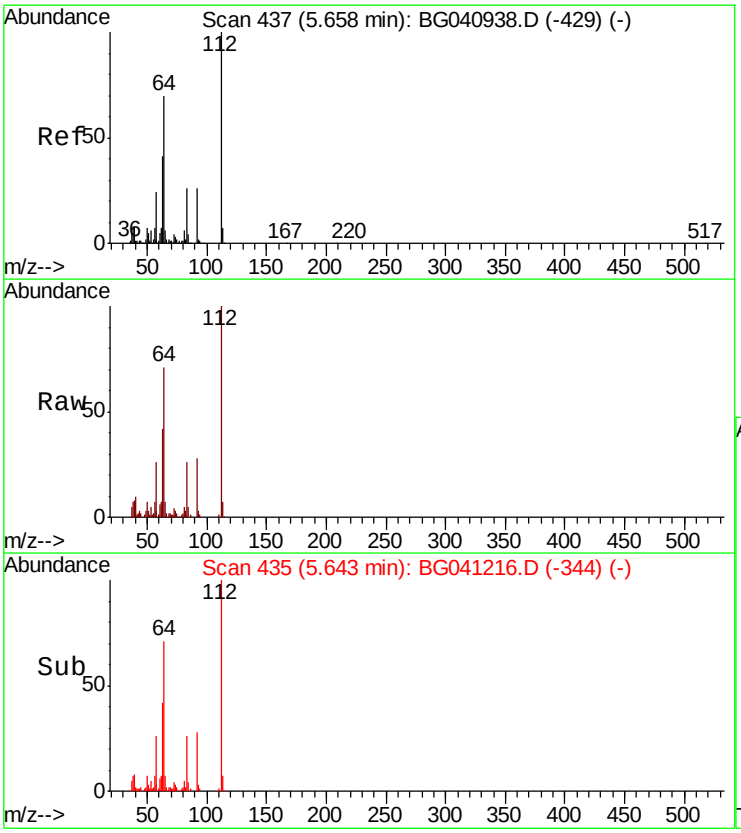
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:152 Resp: 41682

Ion	Ratio	Lower	Upper
152	100		
150	162.5	120.6	180.8
115	70.9	45.1	67.7#

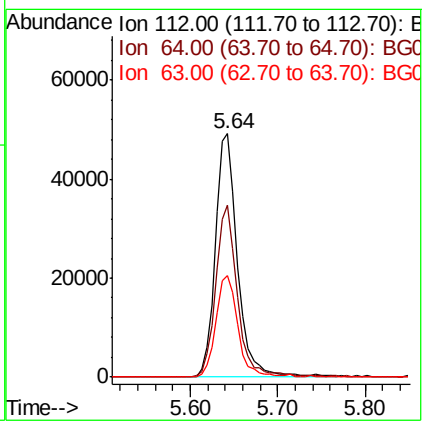


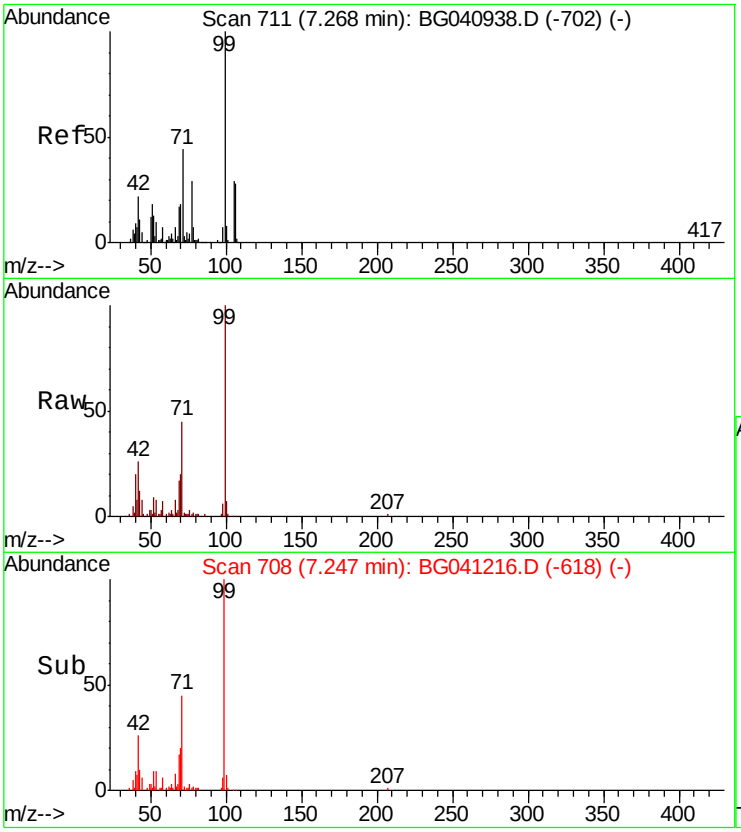


#5
2-Fluorophenol
Concen: 37.297 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:112 Resp: 86214

Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.2	84.2
63	41.7	32.8	49.2



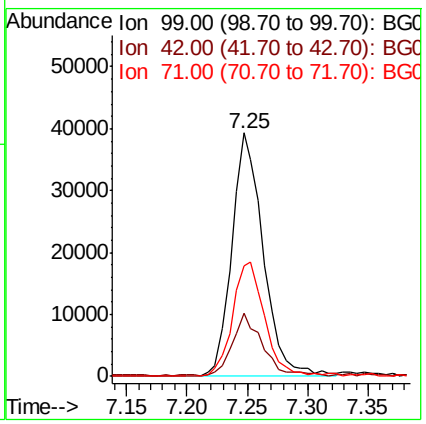


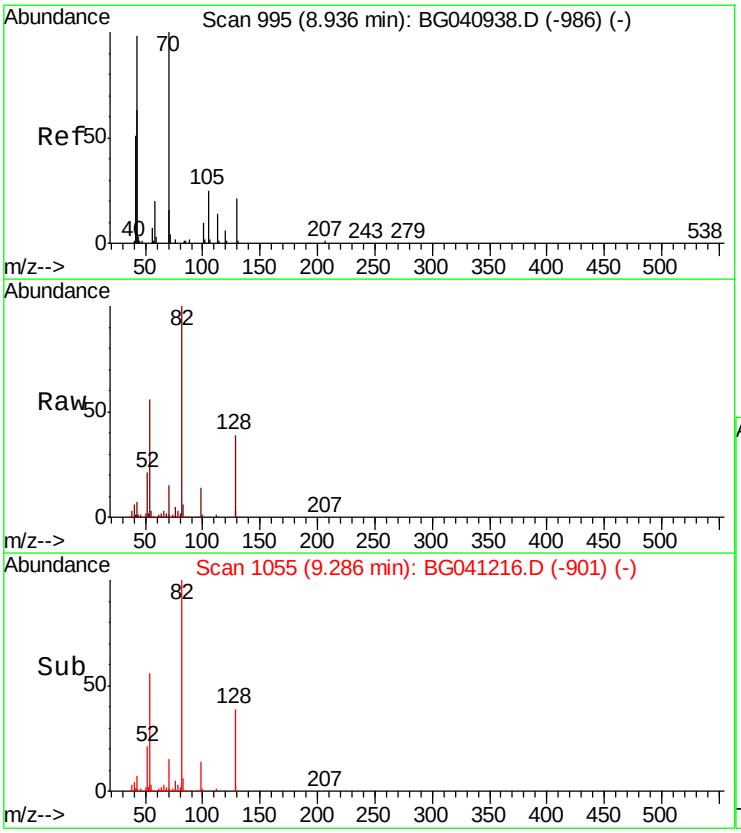
#7
Phenol-d6
Concen: 19.977 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion: 99 Resp: 71317

Ion	Ratio	Lower	Upper
99	100		
42	25.9	17.9	26.9
71	45.1	35.4	53.0

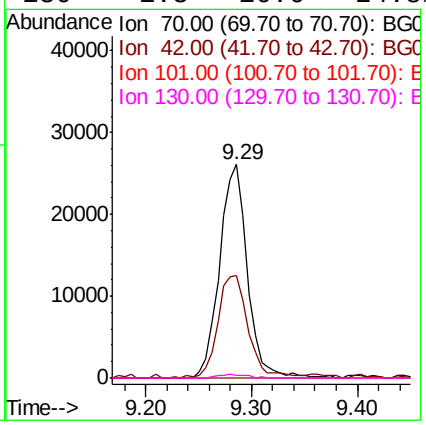


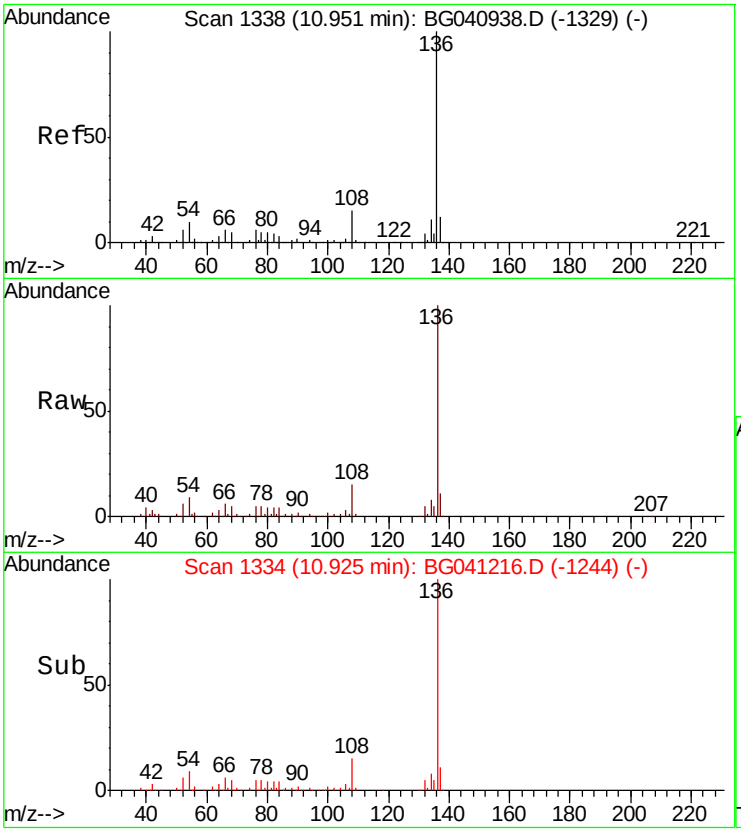


#19
n-Nitroso-di-n-propylamine
Concen: 17.289 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.38 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion: 70 Resp: 47497

Ion	Ratio	Lower	Upper
70	100		
42	48.0	51.5	77.3#
101	0.0	8.1	12.1#
130	1.3	16.6	24.8#



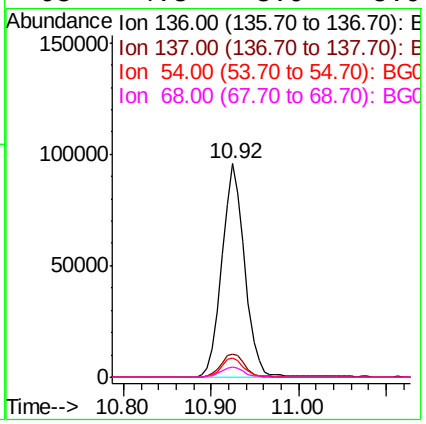


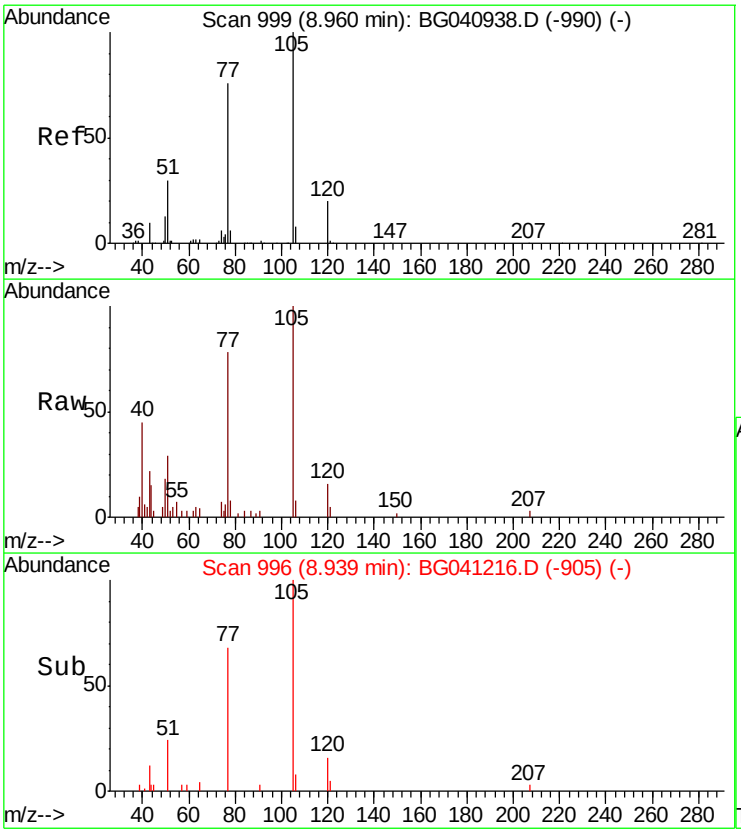
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:136 Resp: 172418

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	8.8	7.6	11.4
68	4.8	3.9	5.9

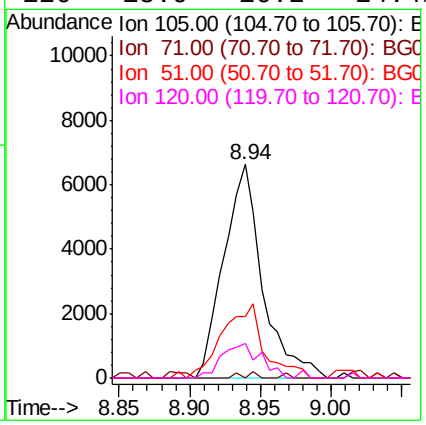


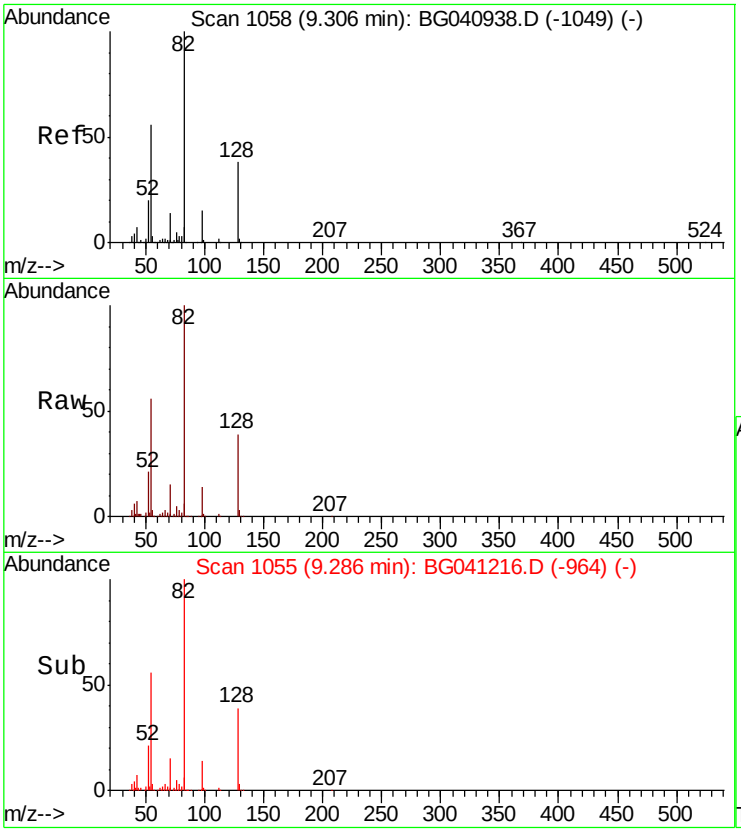


#22
Acetophenone
Concen: 2.614 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:105 Resp: 12645

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	29.0	27.0	40.6
120	15.9	16.2	24.4#



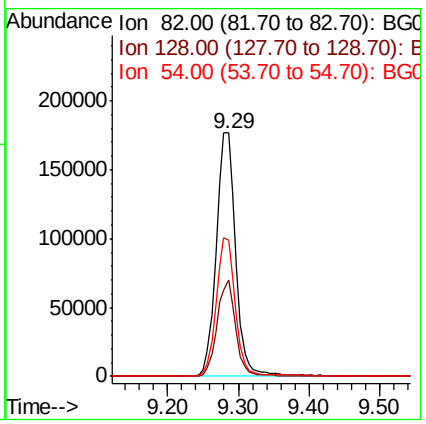


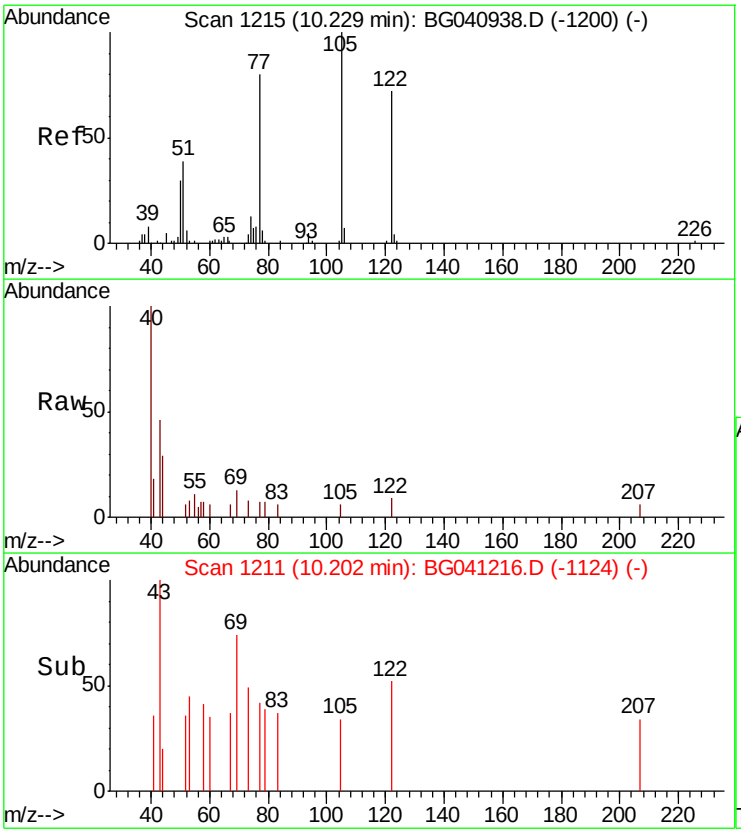
#23
Nitrobenzene-d5
Concen: 87.222 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion: 82 Resp: 338758

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.5	45.7
54	56.2	44.6	66.8

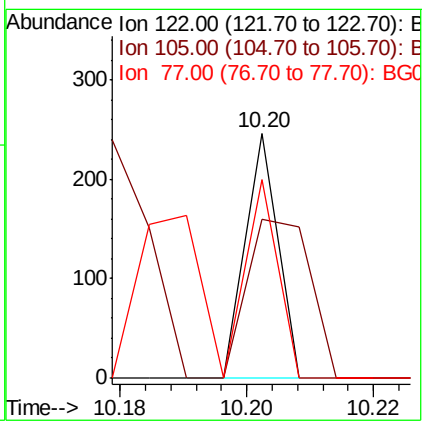


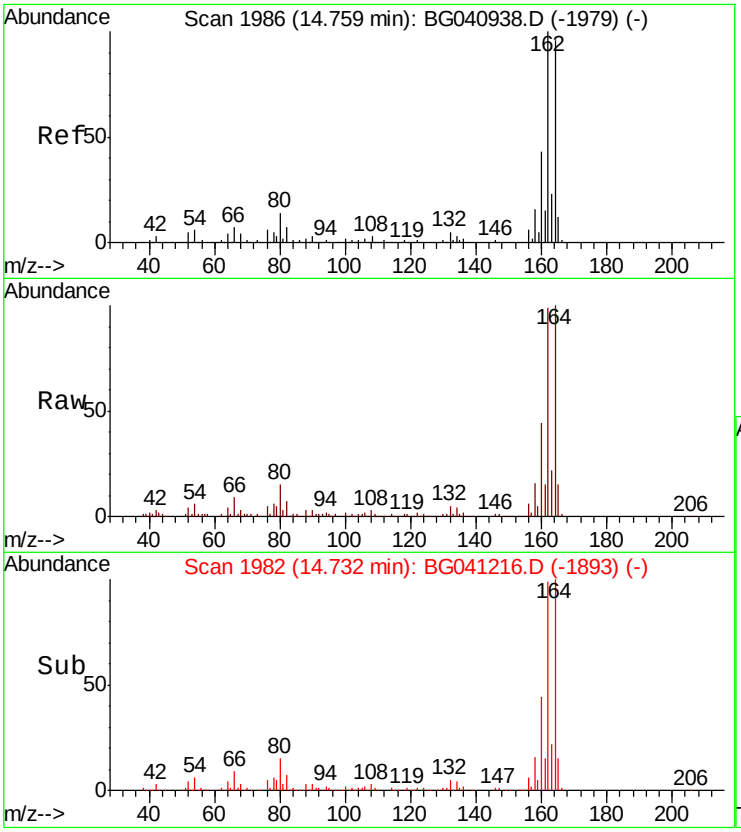


#32
Benzoic acid
Concen: 8.165 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:122 Resp: 87

Ion	Ratio	Lower	Upper
122	100		
105	65.0	114.8	154.8#
77	80.9	89.9	129.9#



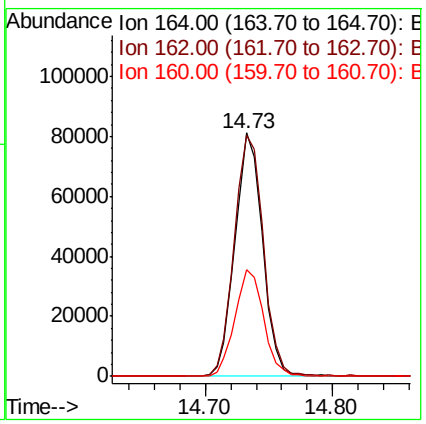


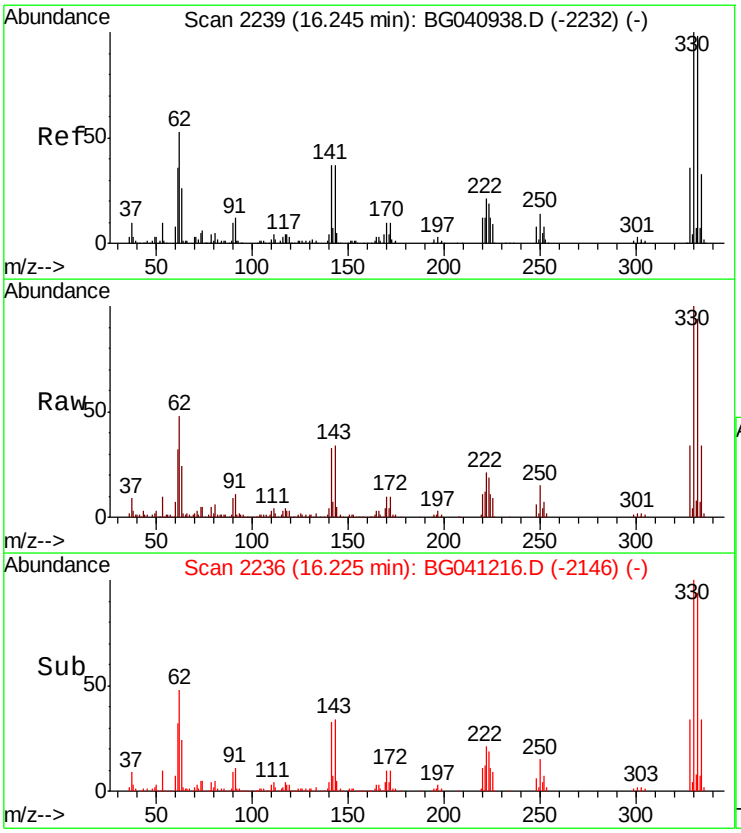
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:164 Resp: 122125

Ion	Ratio	Lower	Upper
164	100		
162	99.3	83.0	124.4
160	43.7	35.6	53.4

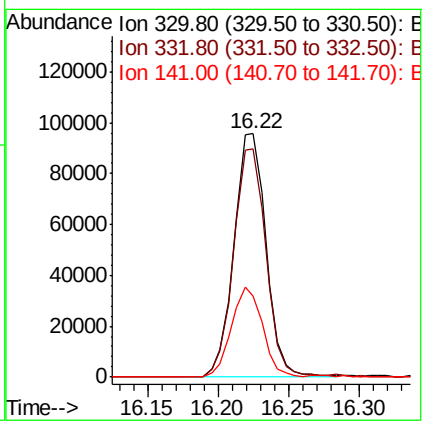


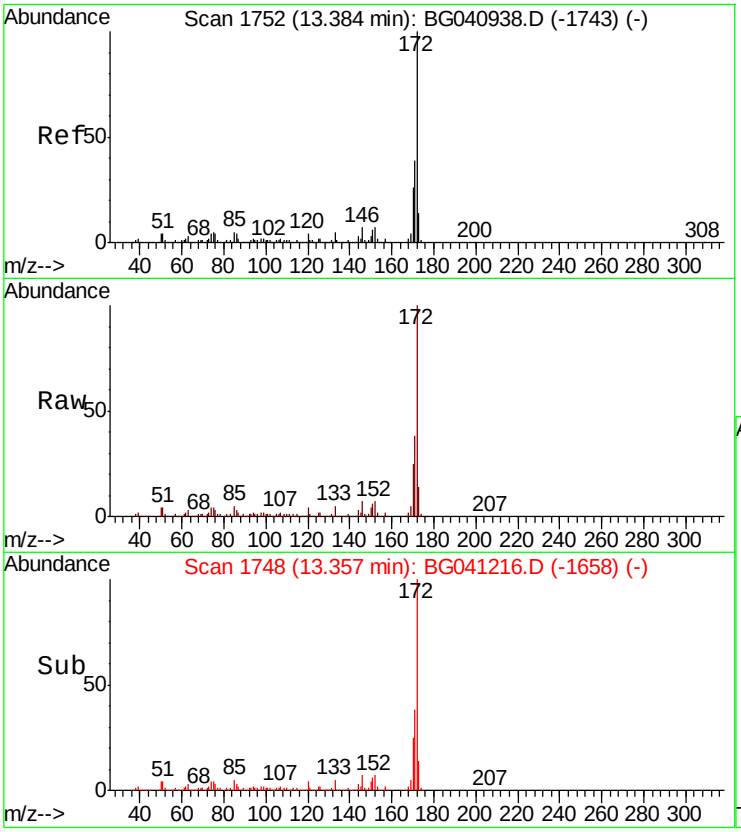


#42
2,4,6-Tribromophenol
Concen: 83.871 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:330 Resp: 152060

Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.5	117.7
141	36.2	28.7	43.1



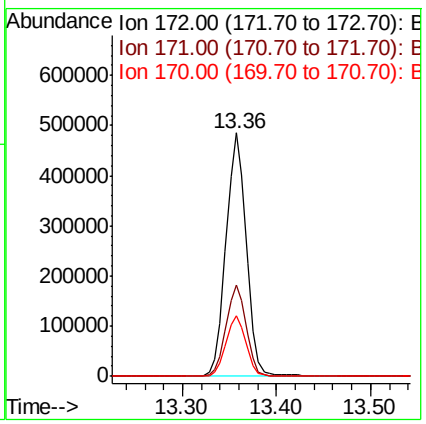


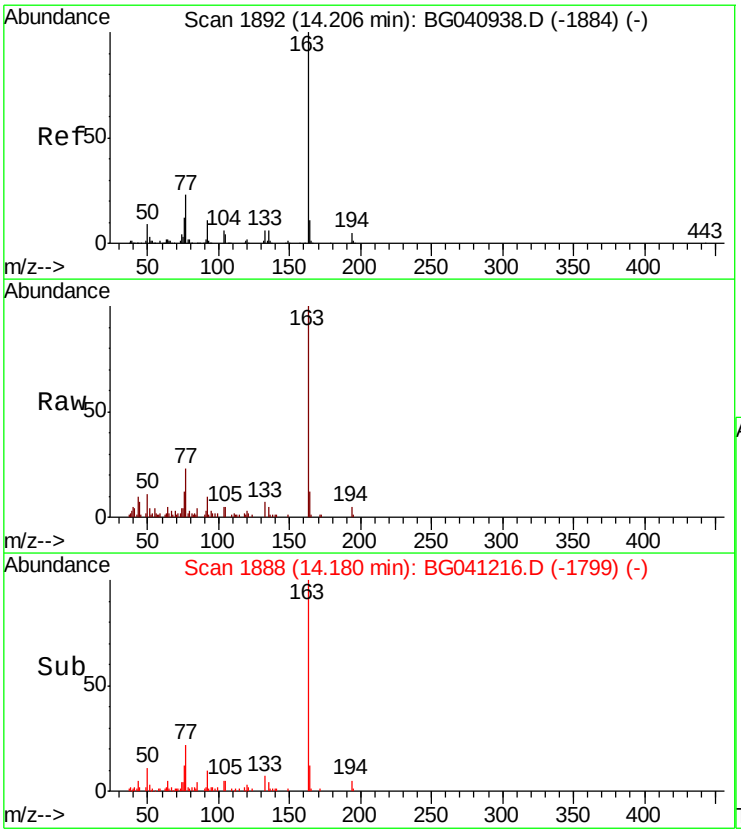
#45
2-Fluorobiphenyl
Concen: 86.160 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:172 Resp: 730662

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.1	46.7
170	25.1	20.5	30.7

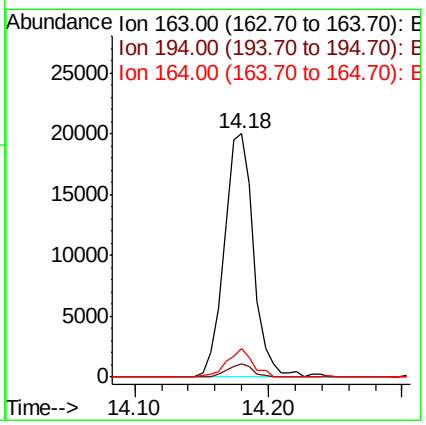


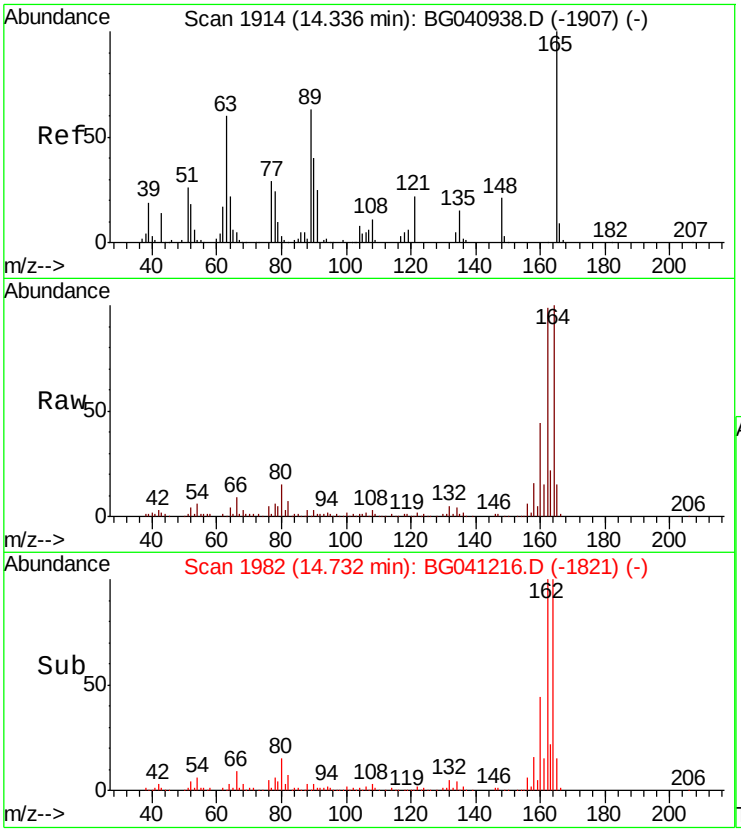


#50
Dimethylphthalate
Concen: 2.976 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:163 Resp: 30766

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.8
164	11.6	8.7	13.1



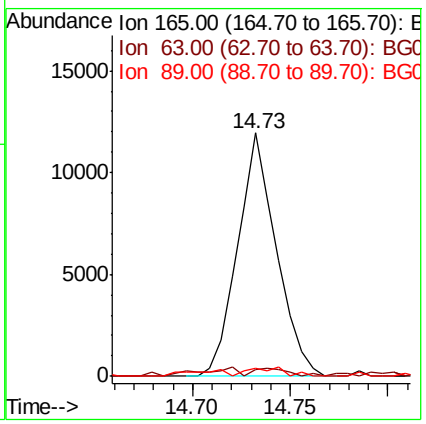


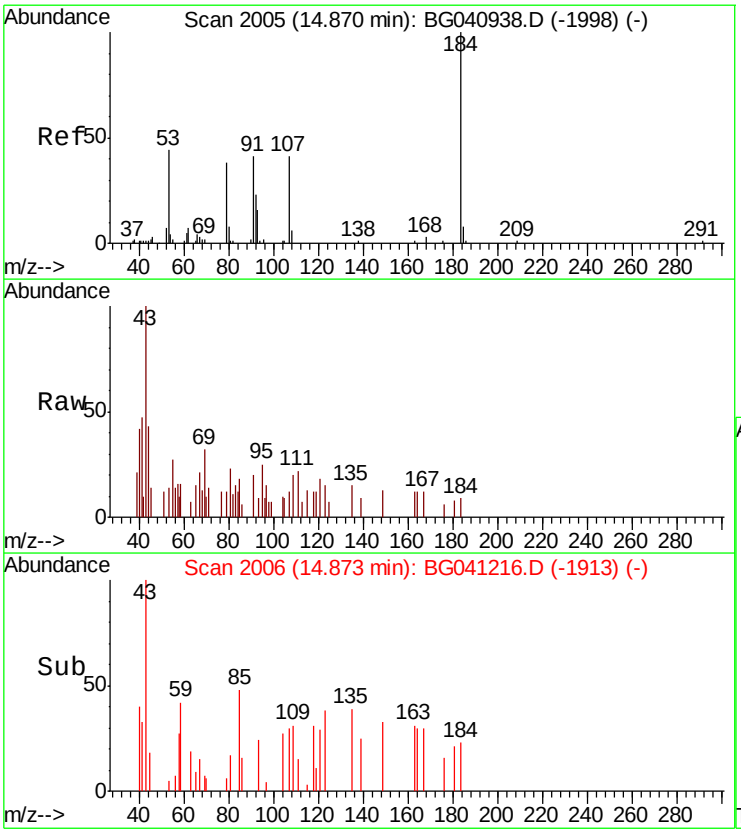
#51
2,6-Dinitrotoluene
Concen: 7.329 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.42 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:165 Resp: 16335

Ion	Ratio	Lower	Upper
165	100		
63	2.6	53.6	80.4#
89	3.2	50.4	75.6#

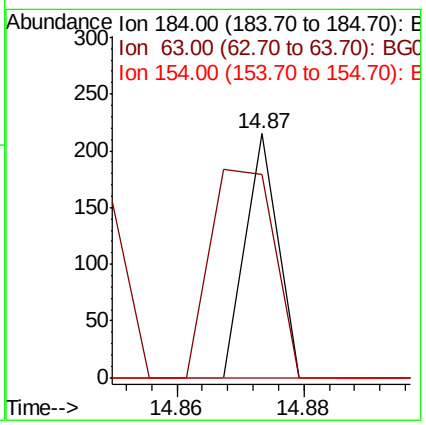


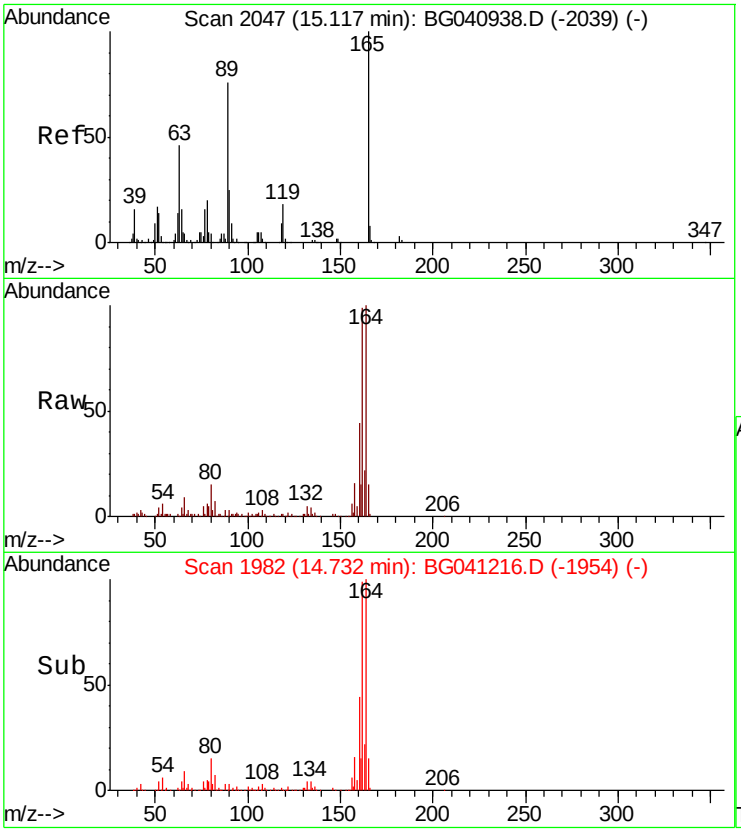


#54
2,4-Dinitrophenol
Concen: 8.333 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:184 Resp: 76

Ion	Ratio	Lower	Upper
184	100		
63	83.3	49.8	74.6#
154	0.0	52.2	78.4#



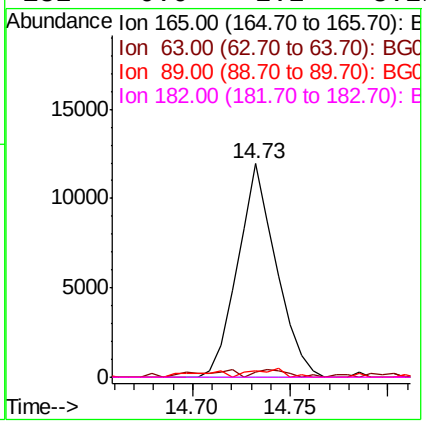


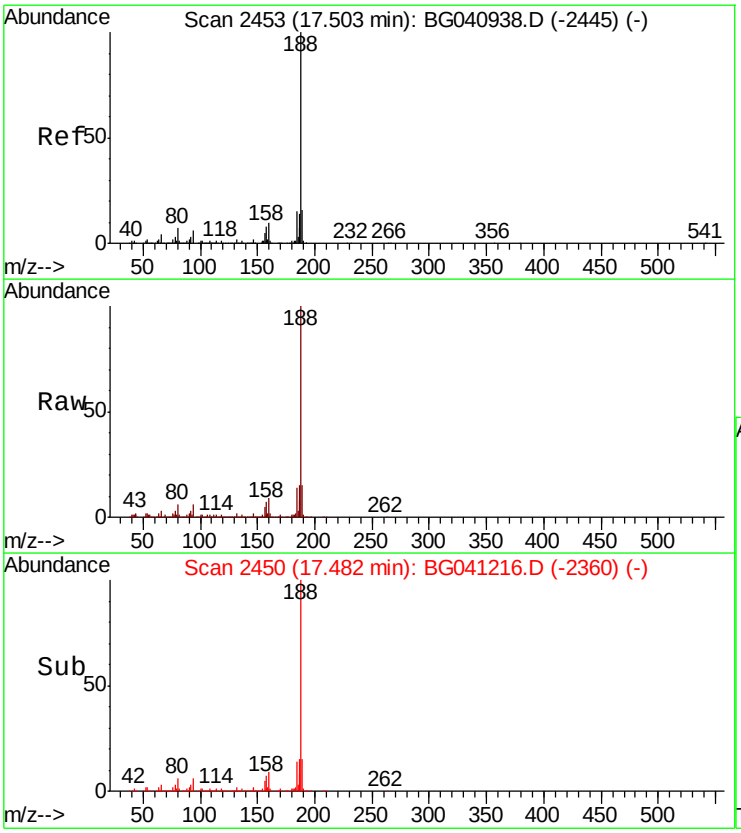
#57
2,4-Dinitrotoluene
Concen: 5.188 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:165 Resp: 16335

Ion	Ratio	Lower	Upper
165	100		
63	2.6	37.3	55.9#
89	3.2	61.0	91.6#
182	0.0	2.2	3.2#

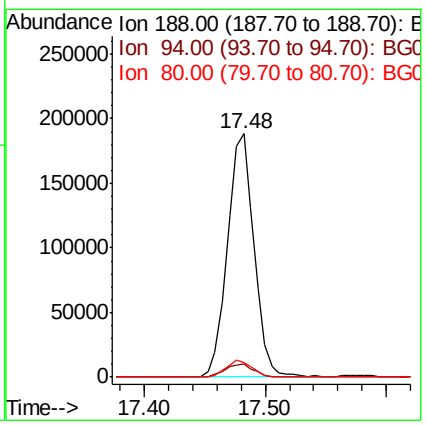


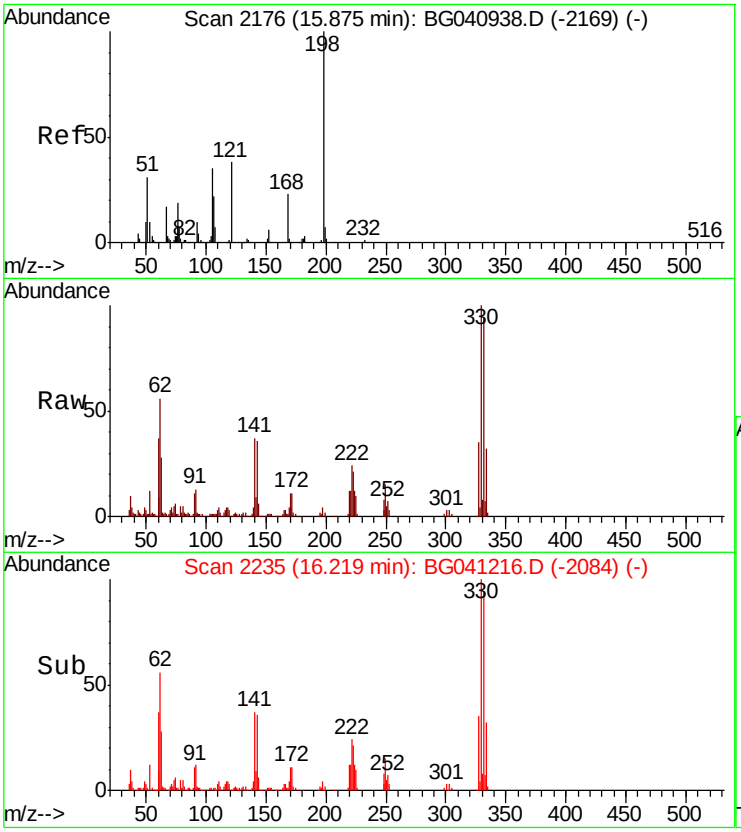


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:188 Resp: 289091

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.7	7.1
80	5.9	5.8	8.8



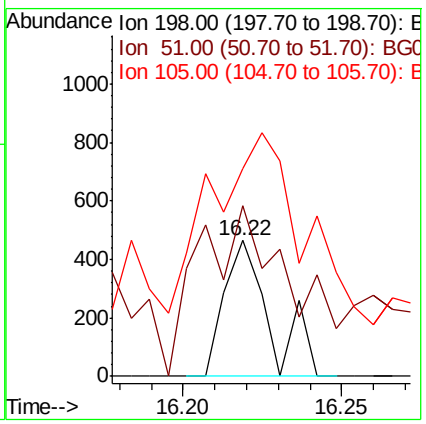


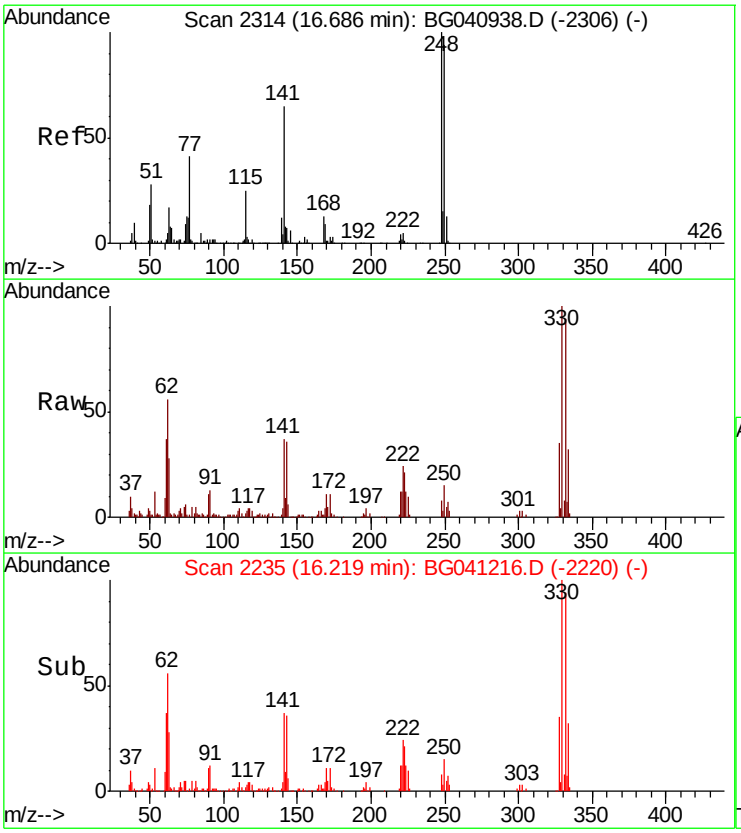
#65
4,6-Dinitro-2-methylphenol
Concen: 8.830 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.36 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:198 Resp: 454

Ion	Ratio	Lower	Upper
198	100		
51	30.3	21.6	61.6
105	37.0	17.5	57.5

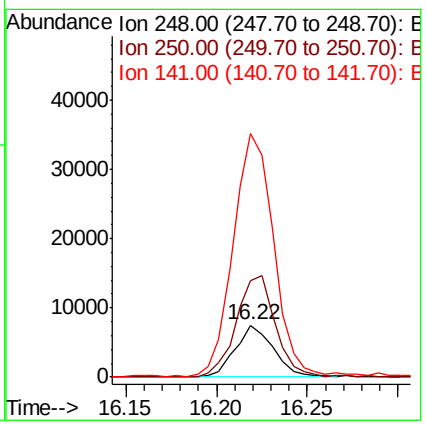


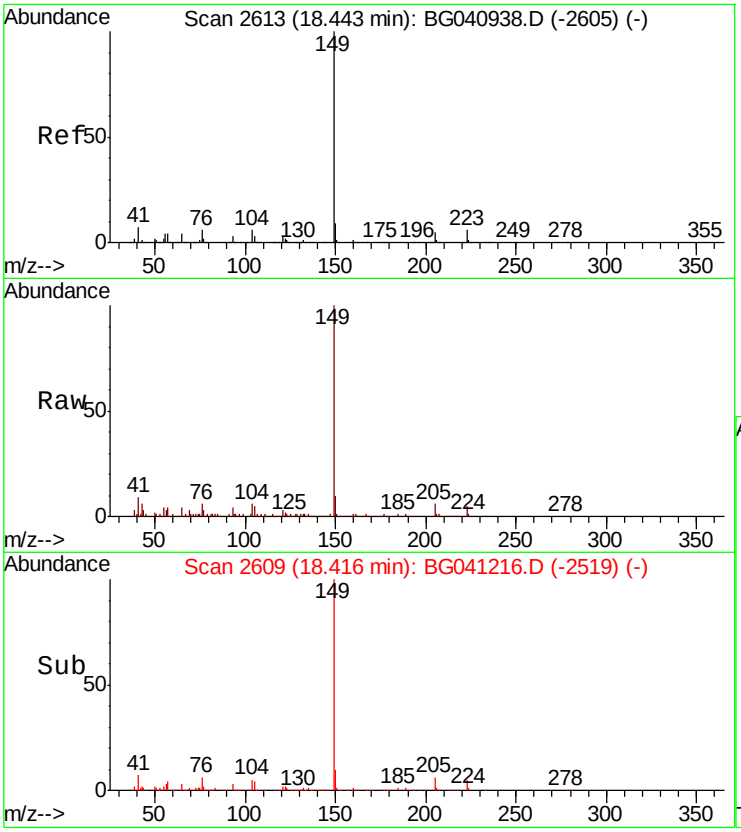


#67
4-Bromophenyl-phenylether
Concen: 2.814 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.44 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:248 Resp: 10979

Ion	Ratio	Lower	Upper
248	100		
250	187.3	75.0	112.4#
141	471.0	52.4	78.6#



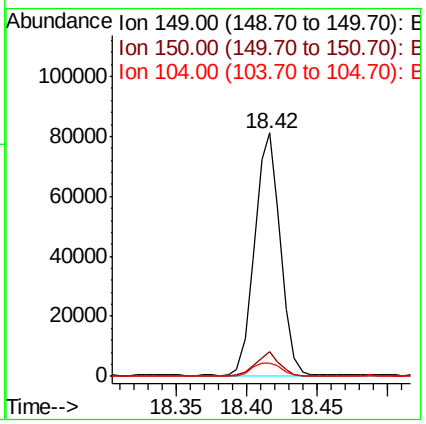


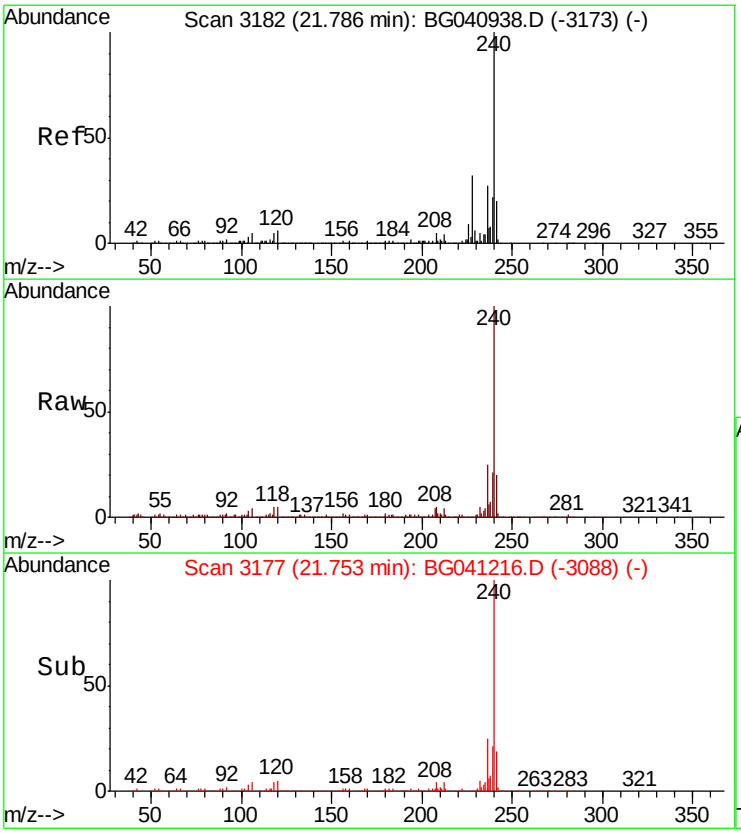
#74
Di-n-butylphthalate
Concen: 6.538 ng
RT: 18.42 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:149 Resp: 103555

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	5.6	5.0	7.4

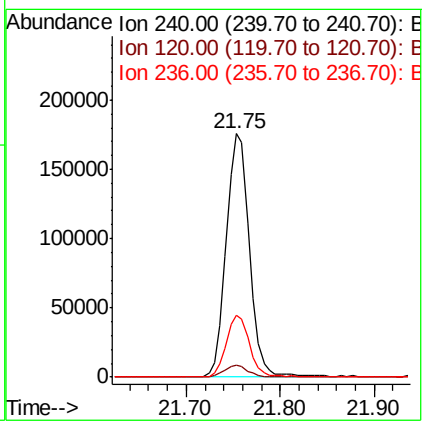


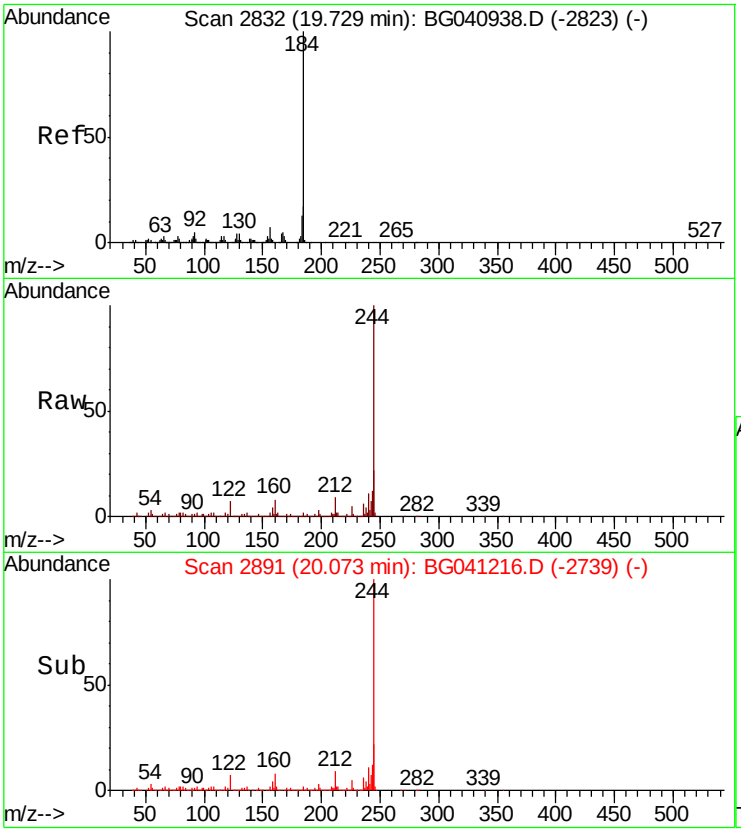


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:240 Resp: 301989

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	25.4	21.3	31.9



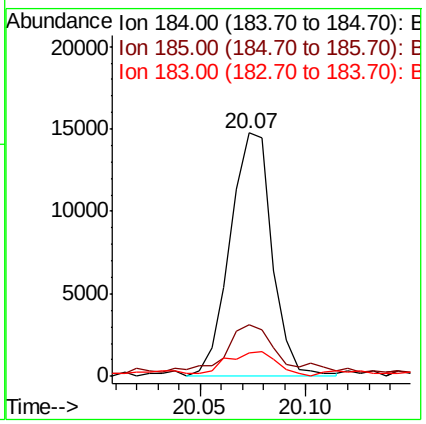


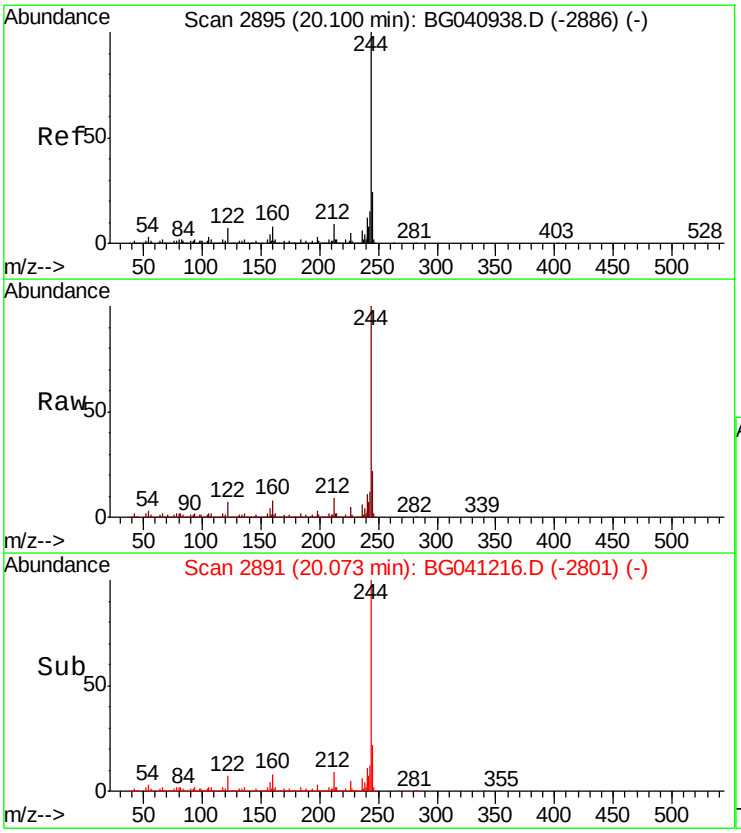
#77
Benzidine
Concen: 2.832 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.36 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:184 Resp: 20403

Ion	Ratio	Lower	Upper
184	100		
185	21.3	13.3	19.9#
183	9.9	10.7	16.1#

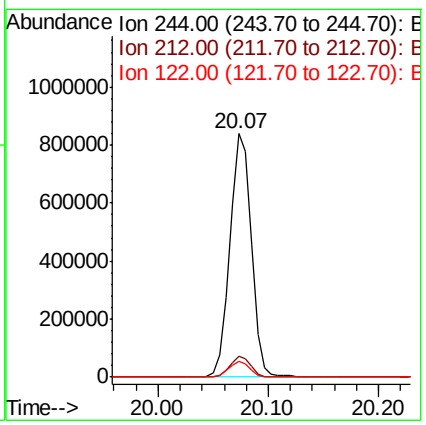


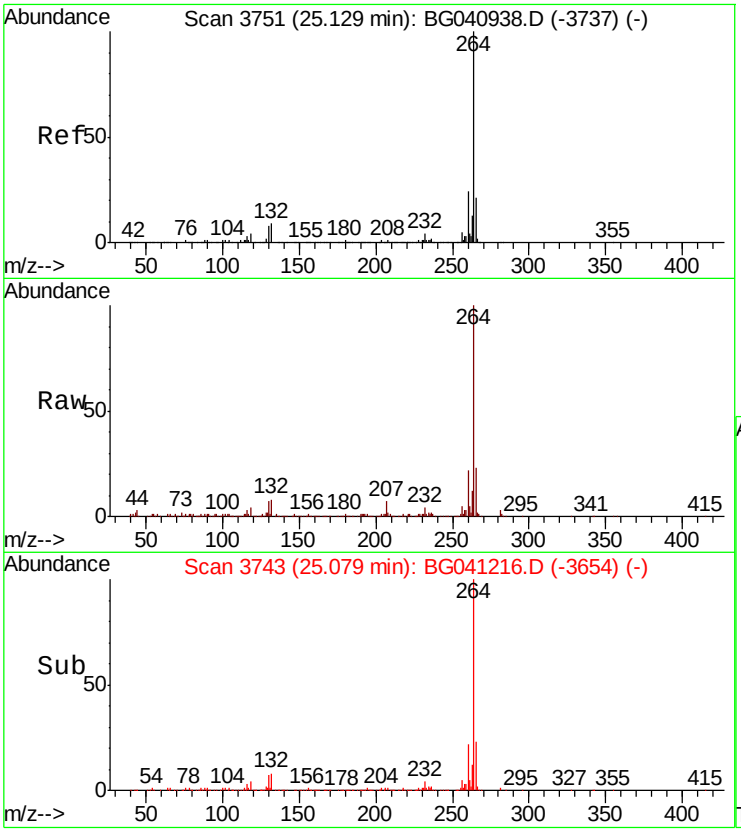


#79
Terphenyl-d14
Concen: 80.882 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Tgt Ion:244 Resp: 1150874

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	6.7	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BG041216.D
Acq: 12 Jun 2019 21:23

Instrument :
BNA_G
ClientSampleId :
TI-633

Tgt Ion:264 Resp: 313738

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	23.1	17.0	25.4