Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044876.D
Acq On : 18 Mar 2020 23:08
Operator : CG/JU
Sample : L1917-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-139

Quant Time: Mar 19 01:44:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	71068	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	279340	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	194100	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	466036	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	482341	20.00	ng	-0.02
87) Perylene-d12	24.89	264	500502	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238124	52.16	ng	0.00
7) Phenol-d6	7.19	99	200481	30.22	ng	-0.01
23) Nitrobenzene-d5	9.20	82	570487	89.62	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	396751	156.11	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1245174	91.87	ng	0.00
79) Terphenyl-d14	20.03	244	2166612	84.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	526	Below Cal	#	39
19) n-Nitroso-di-n-propylamine	9.20	70	78267	16.71	ng	# 73
26) 2-Nitrophenol	9.99	139	70	5.54	ng	# 28
32) Benzoic acid	10.16	122	65	9.69	ng	# 1
50) Dimethylphthalate	14.12	163	219101	14.17	ng	98
54) 2,4-Dinitrophenol	14.79	184	69	8.36	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	24952	5.84	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.77	198	63	7.75	ng	# 13
67) 4-Bromophenyl-phenylether	16.16	248	27425	4.71	ng	# 1
77) Benzidine	20.03	184	41089	2.62	ng	# 92

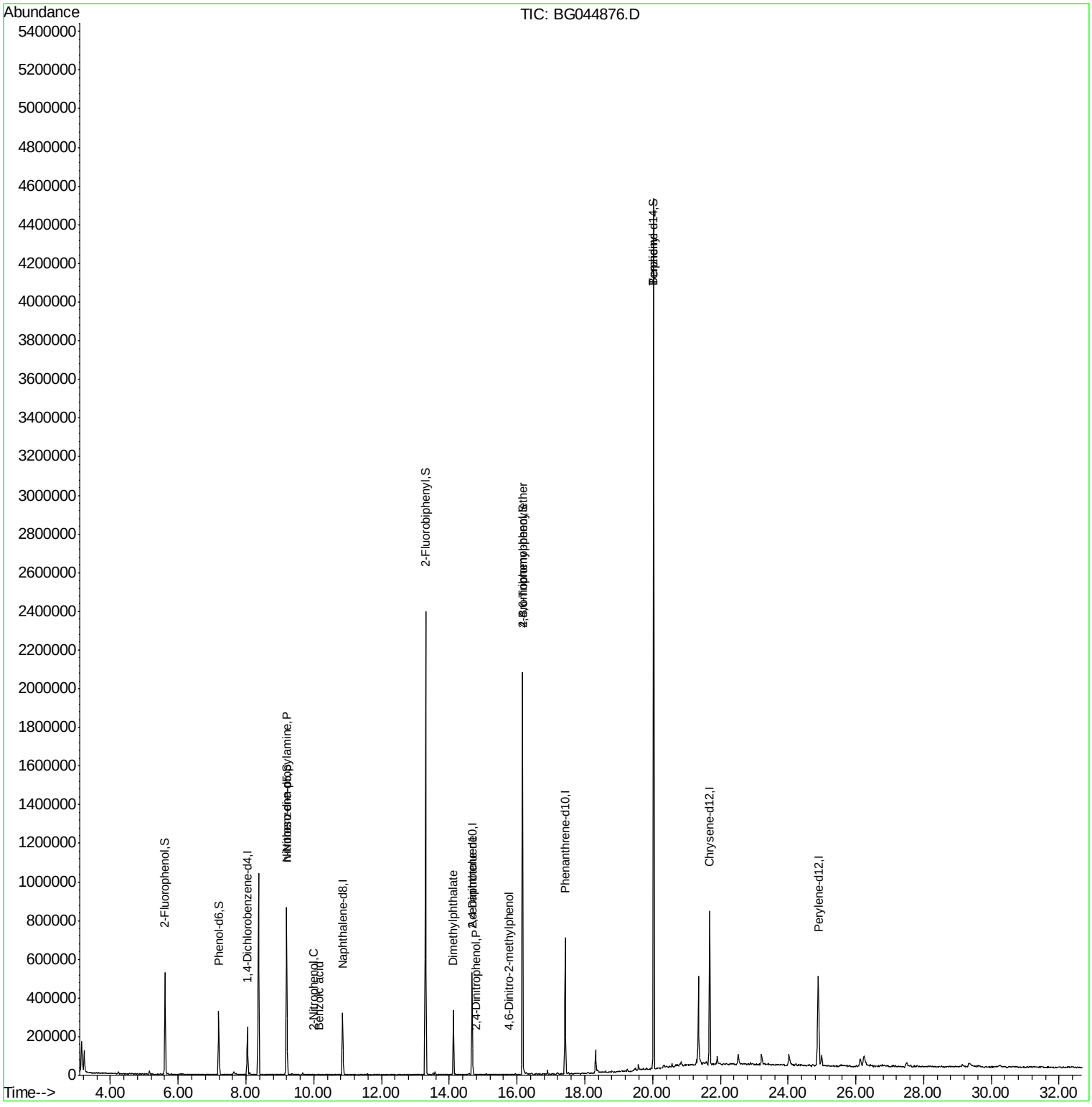
(#) = qualifier out of range (m) = manual integration (+) = signals summed

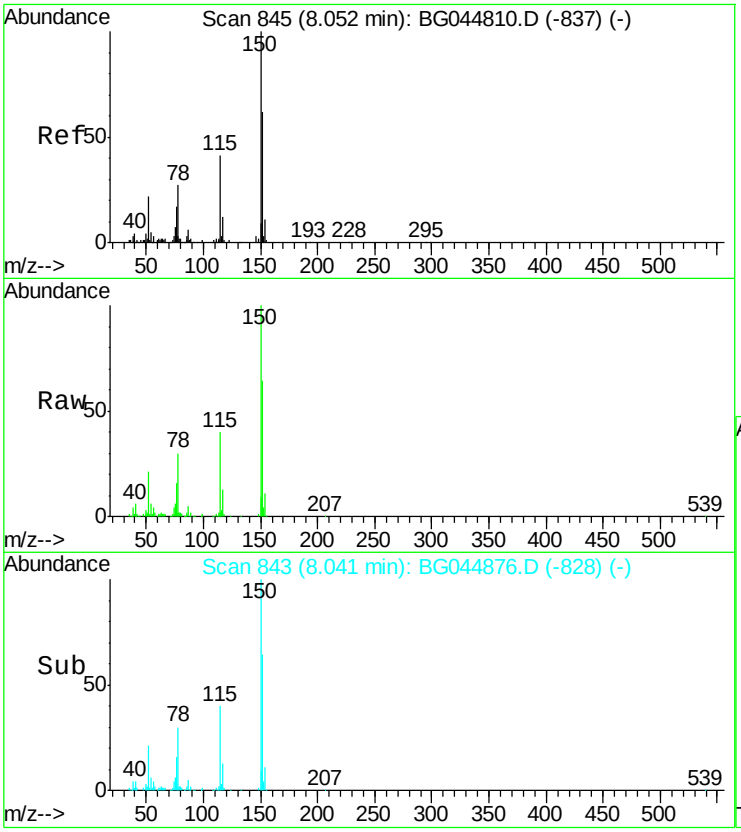
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044876.D
Acq On : 18 Mar 2020 23:08
Operator : CG/JU
Sample : L1917-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-139

Quant Time: Mar 19 01:44:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration



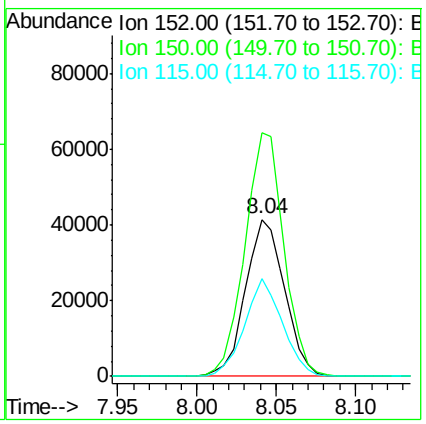


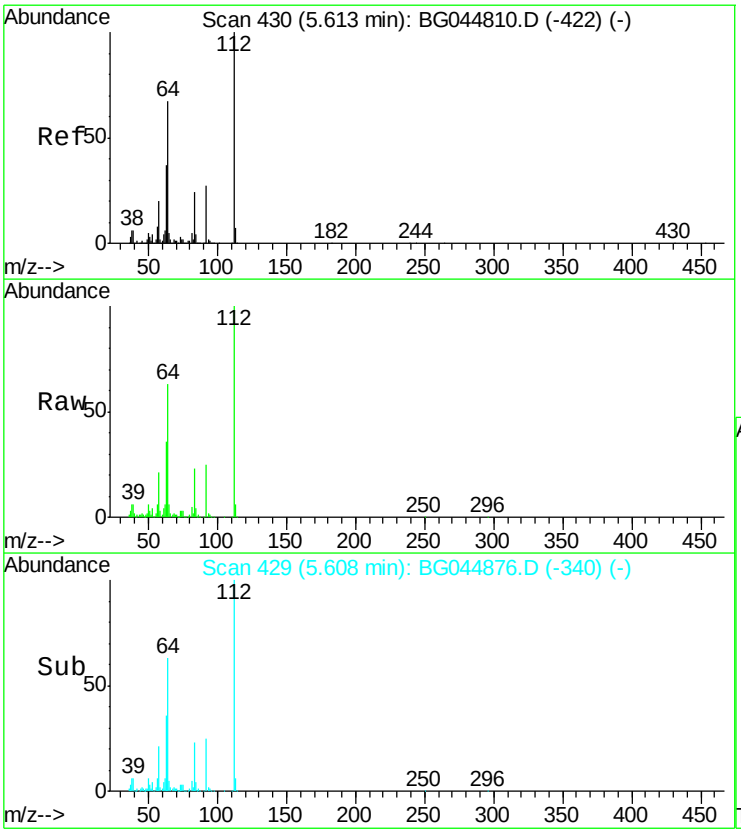
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:152 Resp: 71068

Ion	Ratio	Lower	Upper
152	100		
150	155.4	128.8	193.2
115	62.0	52.6	79.0

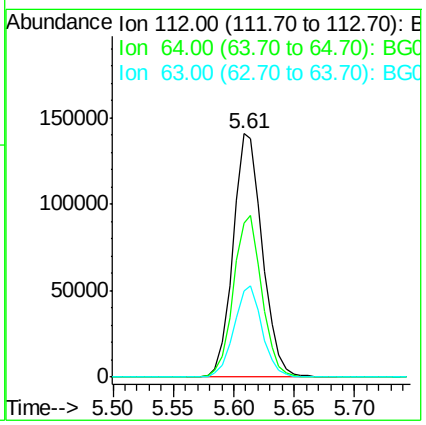


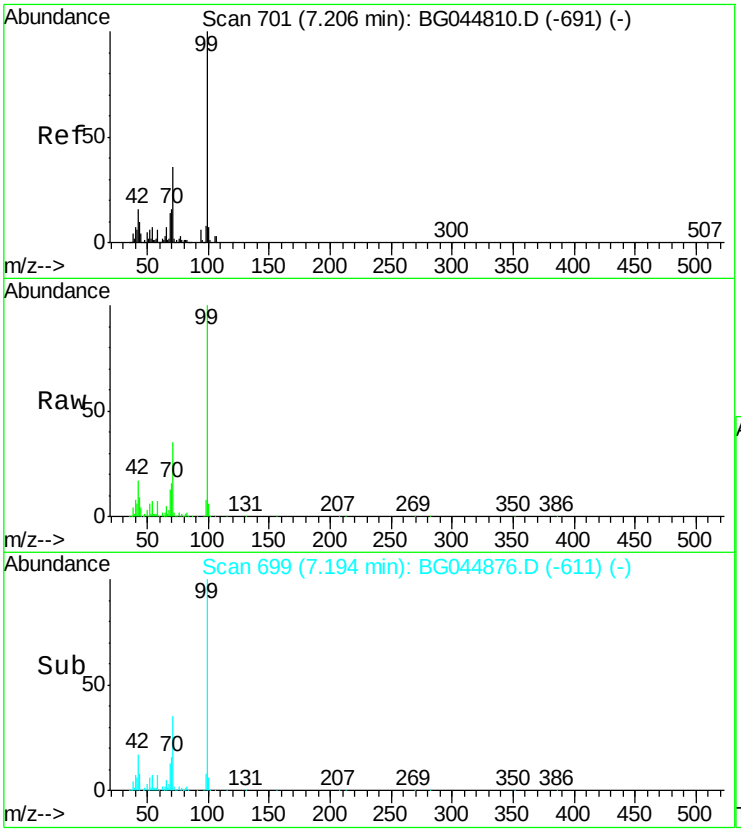


#5
2-Fluorophenol
Concen: 52.16 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:112 Resp: 238124

Ion	Ratio	Lower	Upper
112	100		
64	63.4	53.4	80.2
63	35.6	29.4	44.2



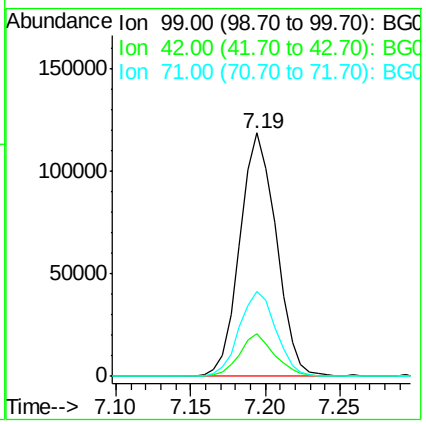


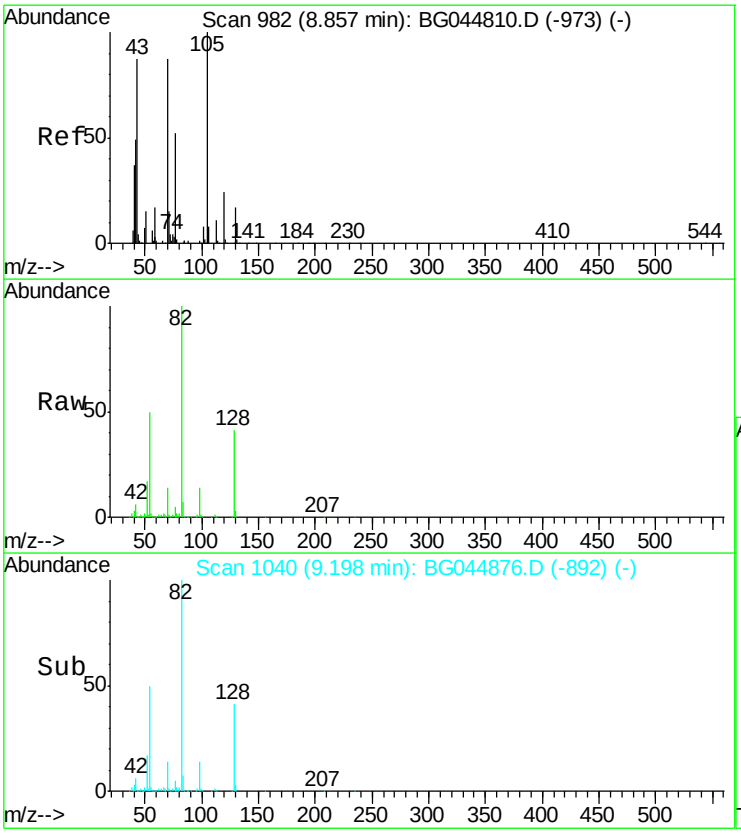
#7
Phenol-d6
Concen: 30.22 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion: 99 Resp: 200481

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.6	19.0
71	34.7	29.0	43.4

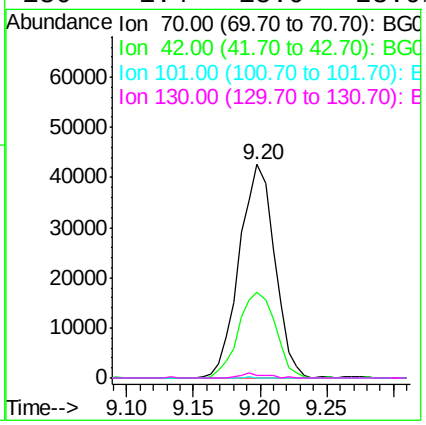


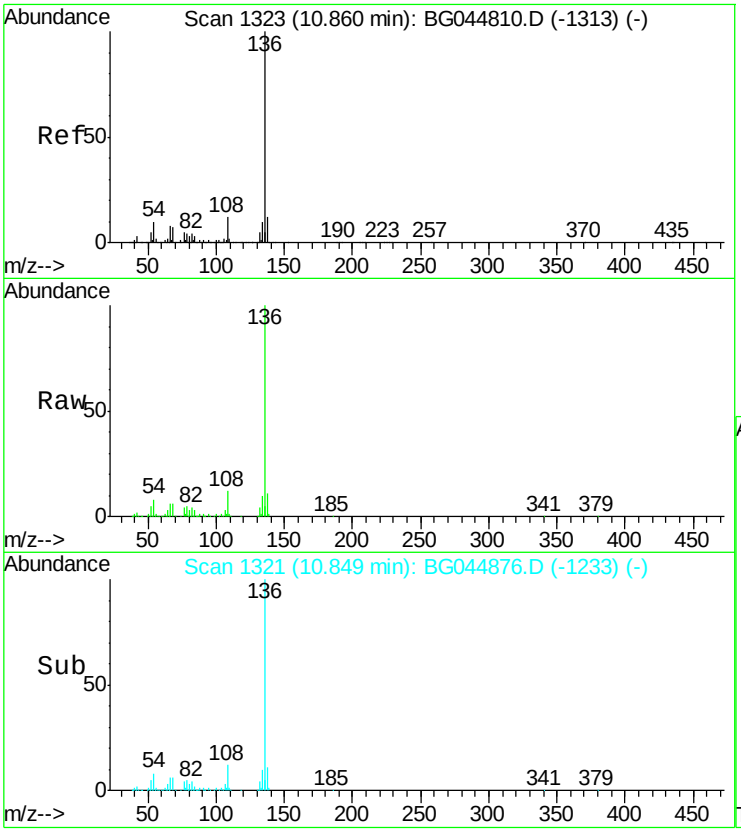


#19
n-Nitroso-di-n-propylamine
Concen: 16.71 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion: 70 Resp: 78267

Ion	Ratio	Lower	Upper
70	100		
42	40.3	45.7	68.5#
101	0.0	7.4	11.2#
130	1.4	15.9	23.9#



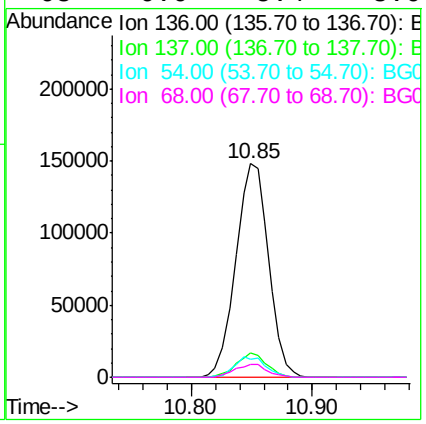


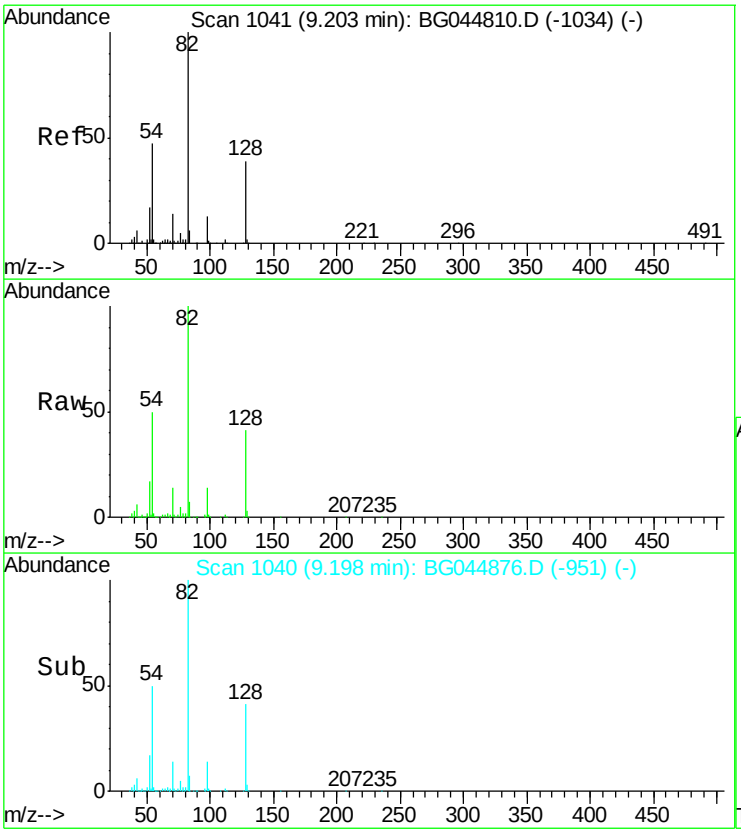
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:136 Resp: 279340

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	8.5	7.9	11.9
68	6.0	5.4	8.0

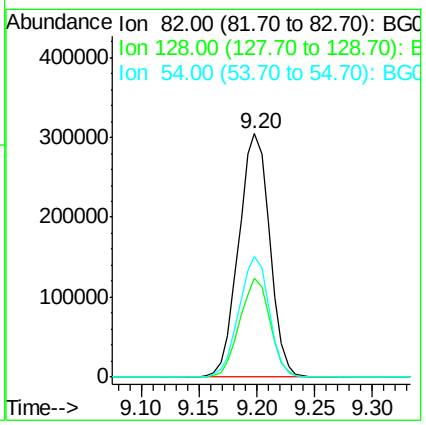


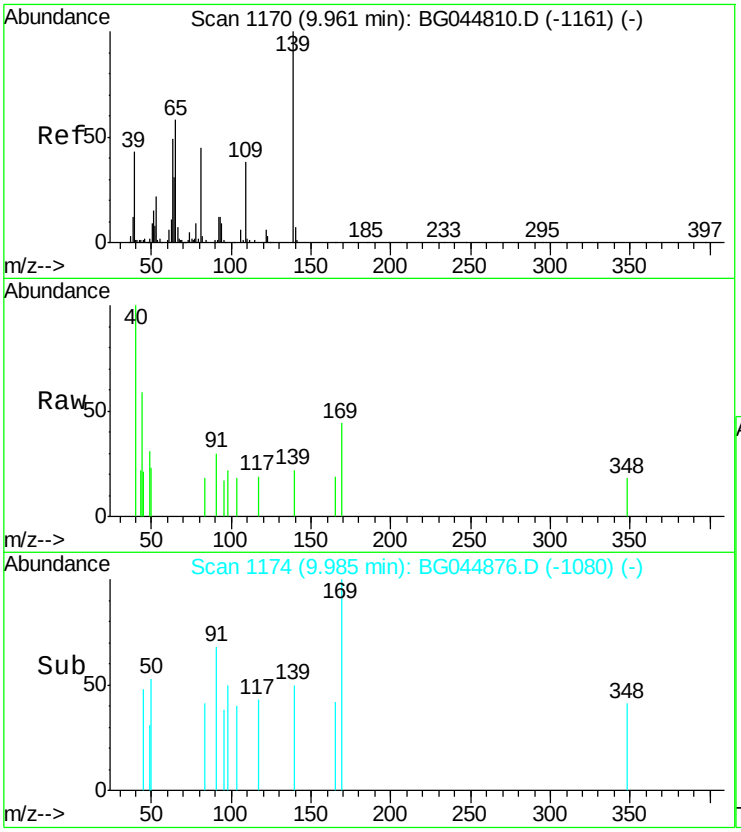


#23
Nitrobenzene-d5
Concen: 89.62 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion: 82 Resp: 570487

Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.6	46.0
54	49.8	37.1	55.7



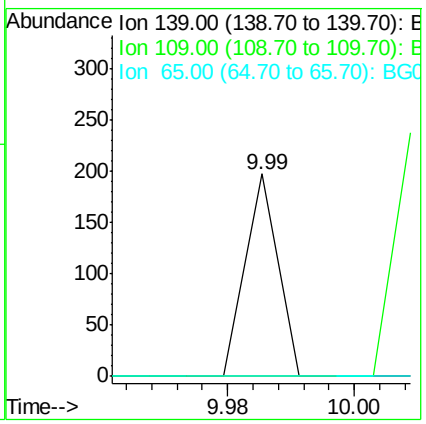


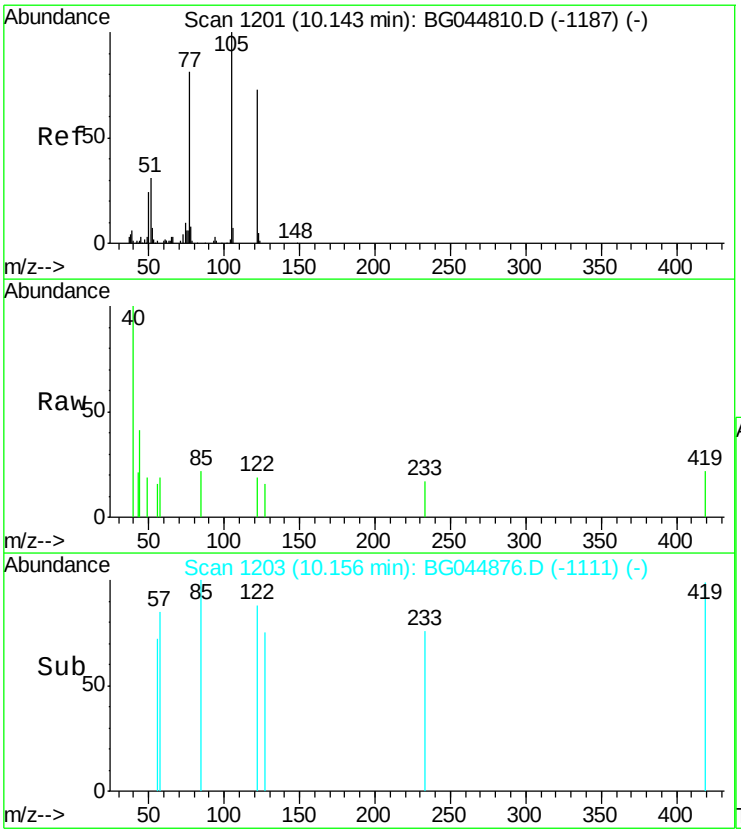
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 9.99 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:139 Resp: 70

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#

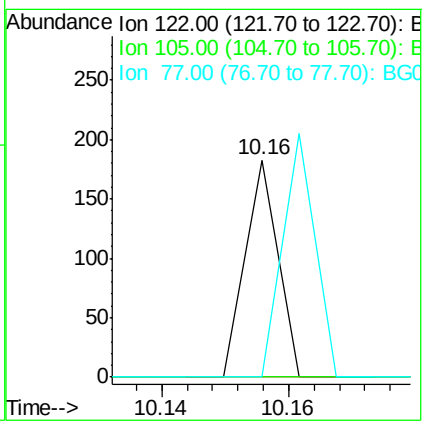


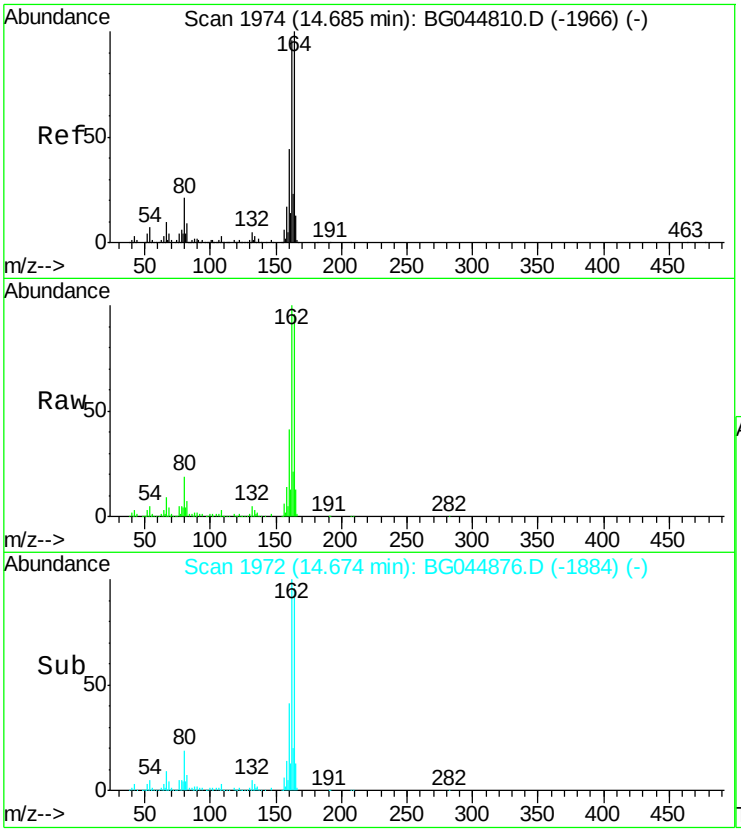


#32
Benzoic acid
Concen: 9.69 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	0.0	85.3	125.3#



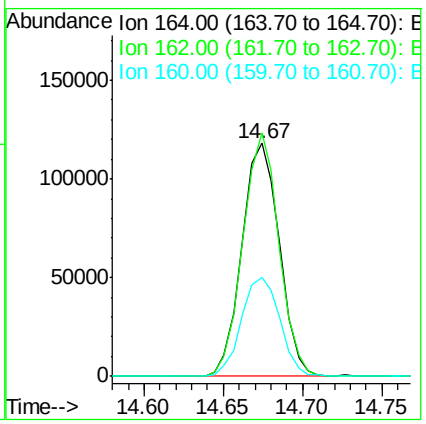


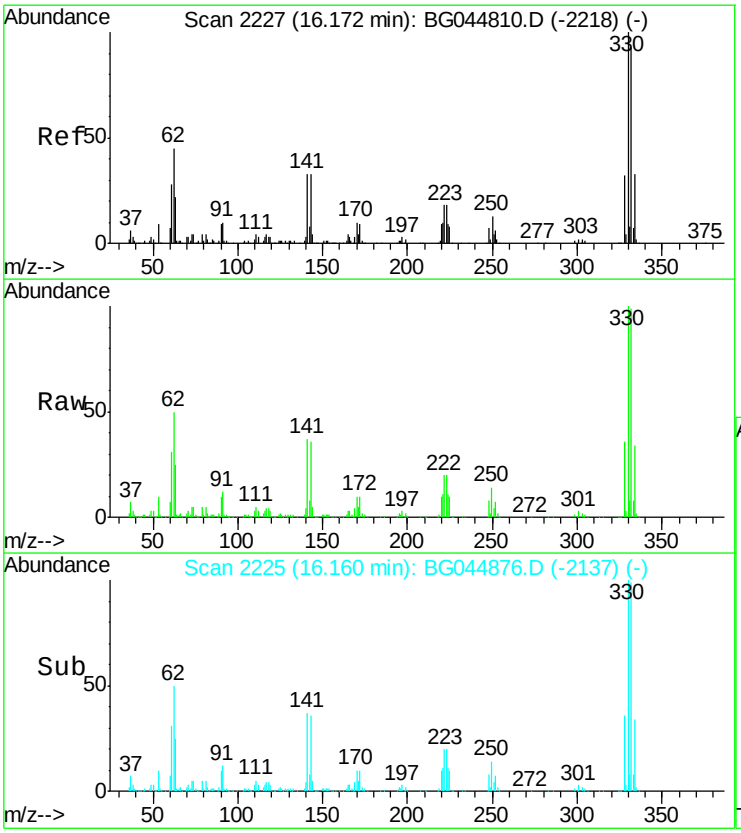
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:164 Resp: 194100

Ion	Ratio	Lower	Upper
164	100		
162	104.5	76.7	115.1
160	42.6	35.0	52.4

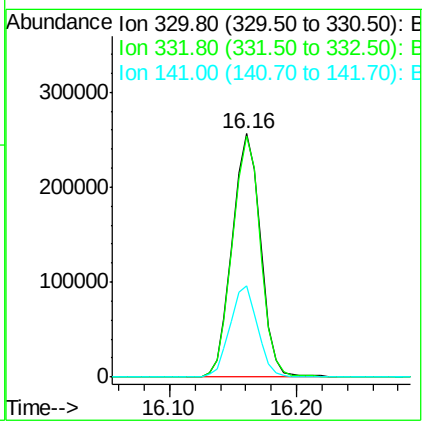


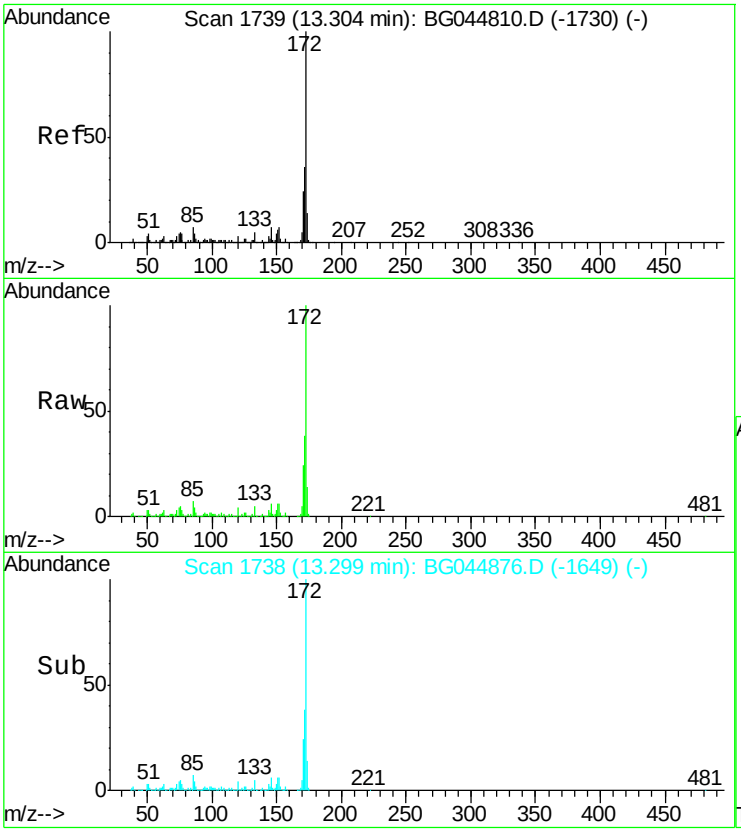


#42
2,4,6-Tribromophenol
Concen: 156.11 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:330 Resp: 396751

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	36.6	29.5	44.3



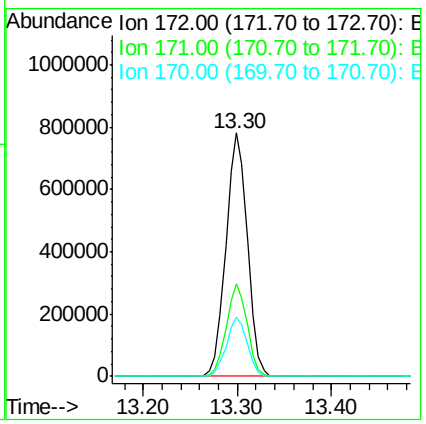


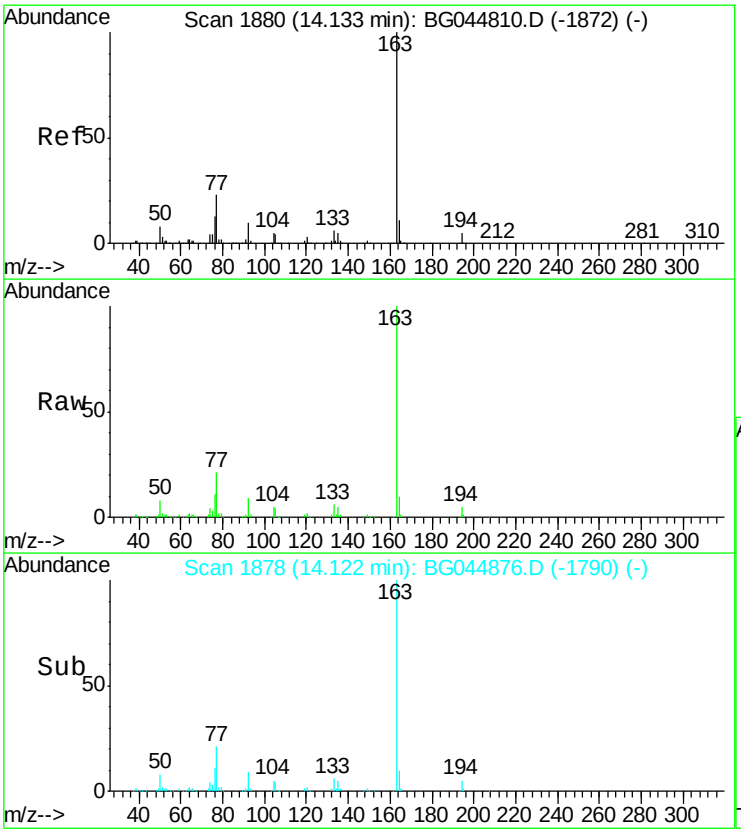
#45
2-Fluorobiphenyl
Concen: 91.87 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:172 Resp: 1245174

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.7	43.1
170	24.3	19.0	28.6

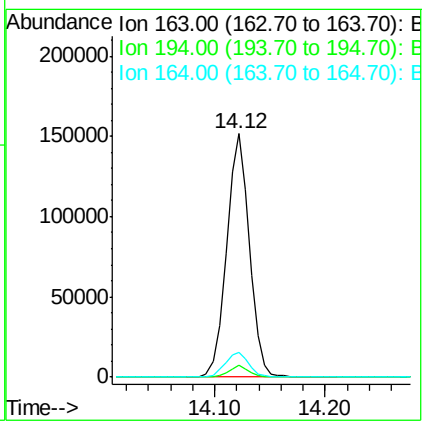


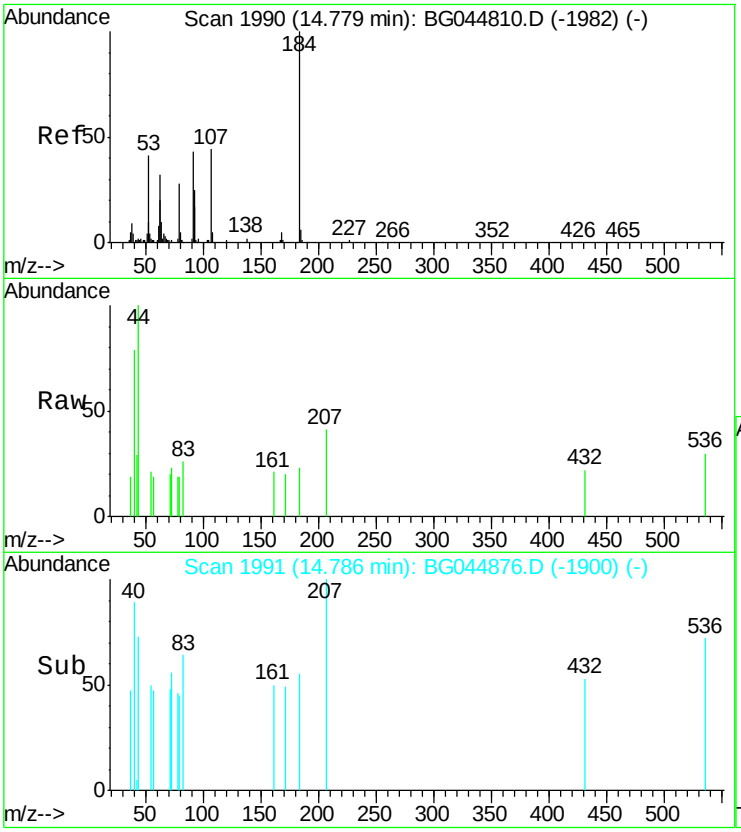


#50
Dimethylphthalate
Concen: 14.17 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:163 Resp: 219101

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	10.3	9.1	13.7



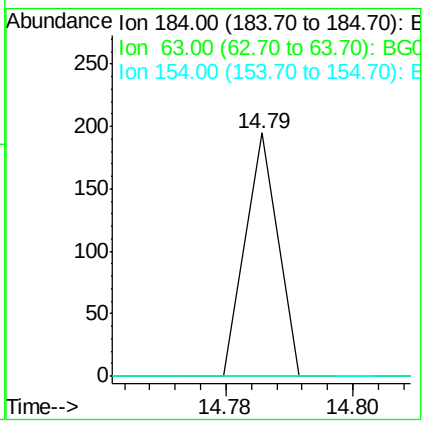


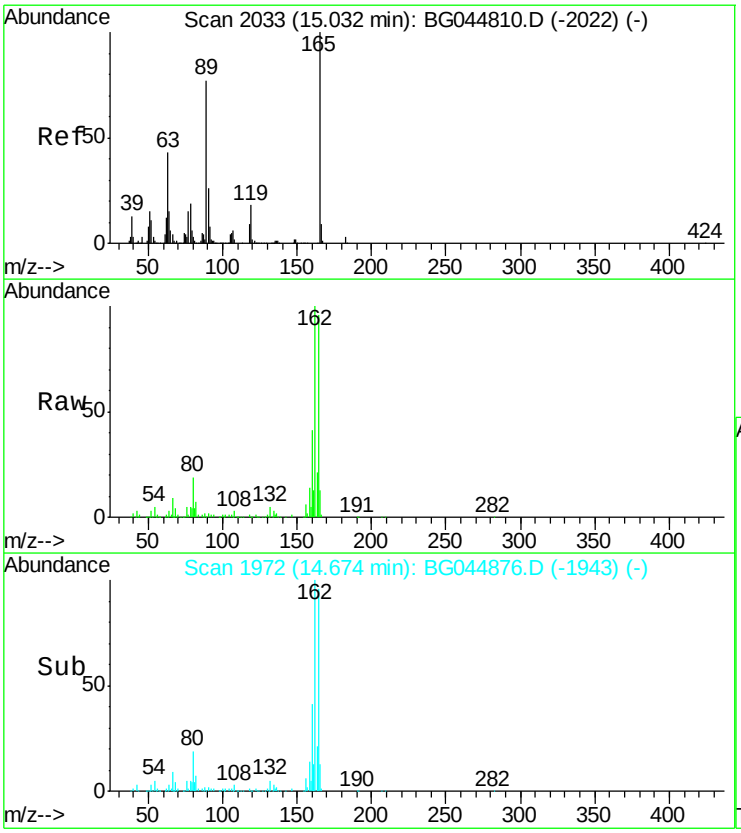
#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:184 Resp: 69

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.5	68.3#
154	0.0	49.1	73.7#

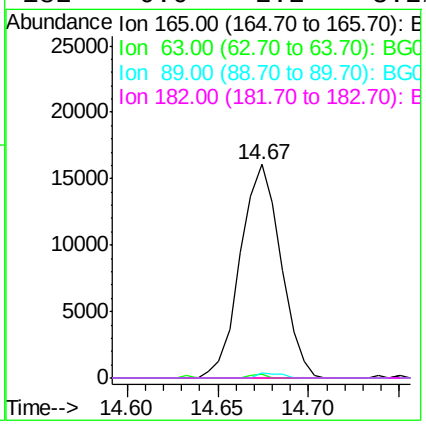


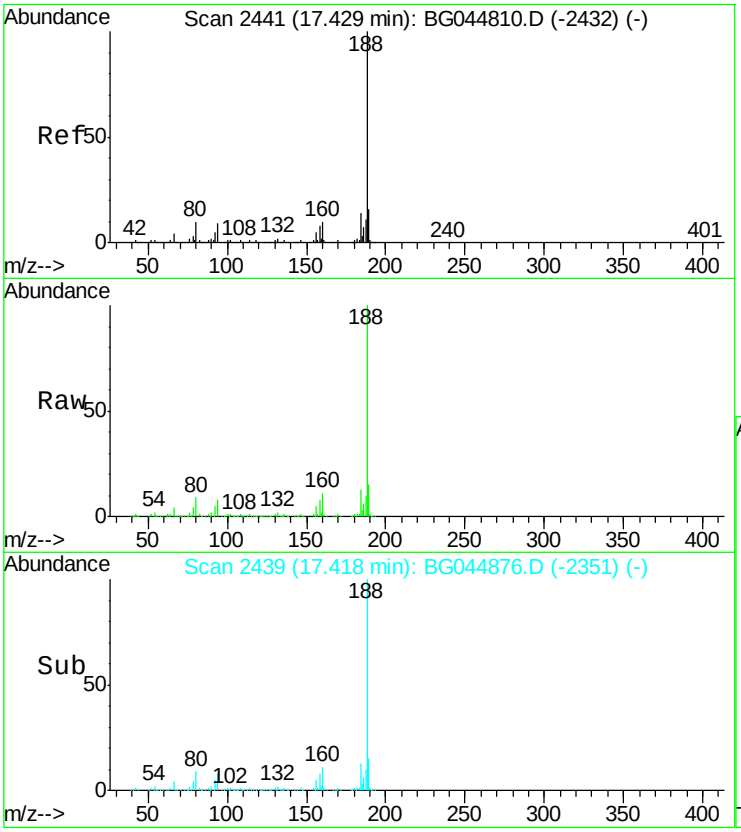


#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:165 Resp: 24952

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	2.6	61.3	91.9#
182	0.0	2.2	3.2#



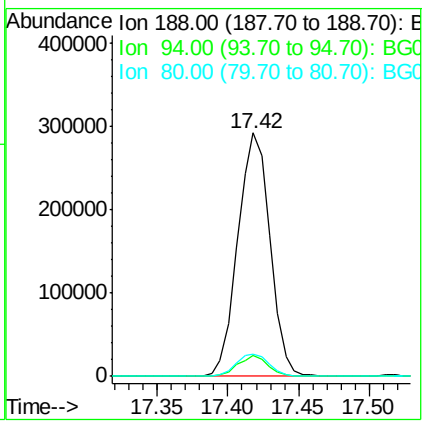


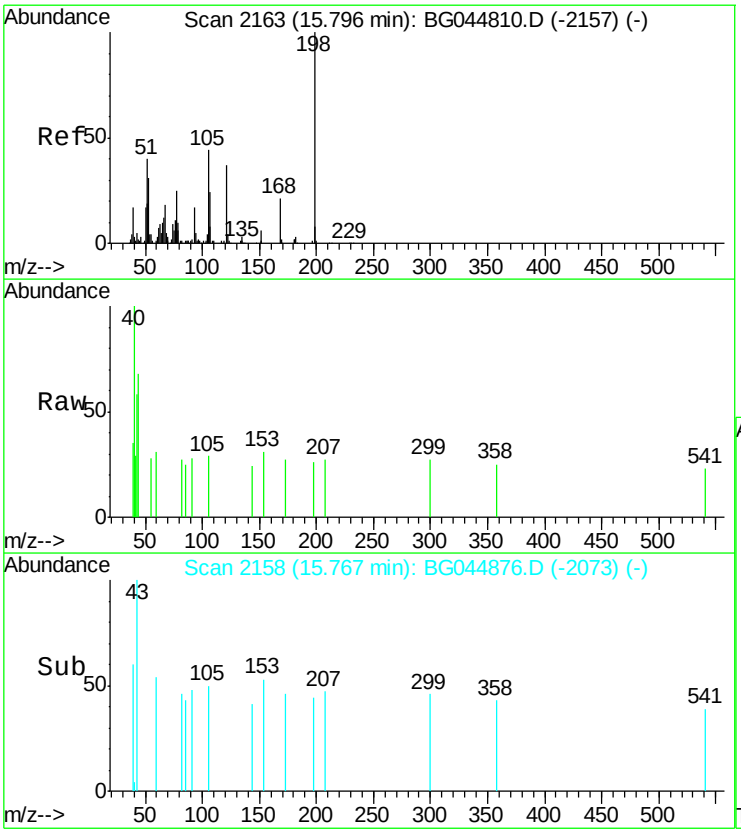
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:188 Resp: 466036

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.3	10.9
80	9.2	8.0	12.0

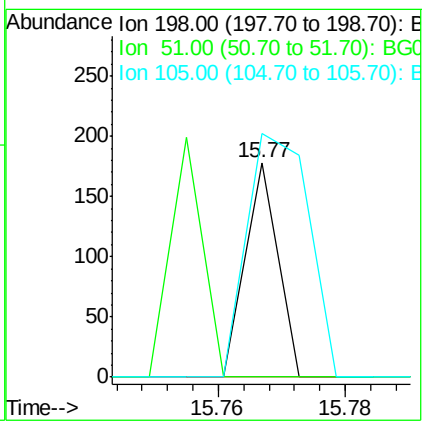


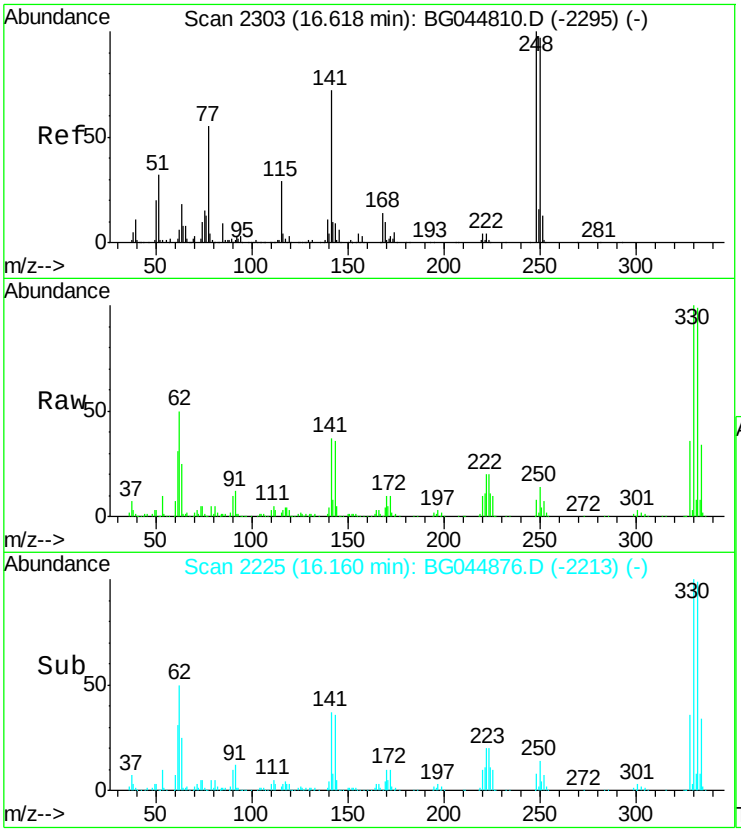


#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.03 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:198 Resp: 63

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.1	61.1#
105	113.5	24.5	64.5#



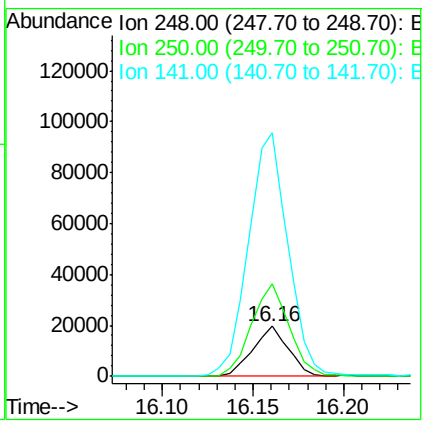


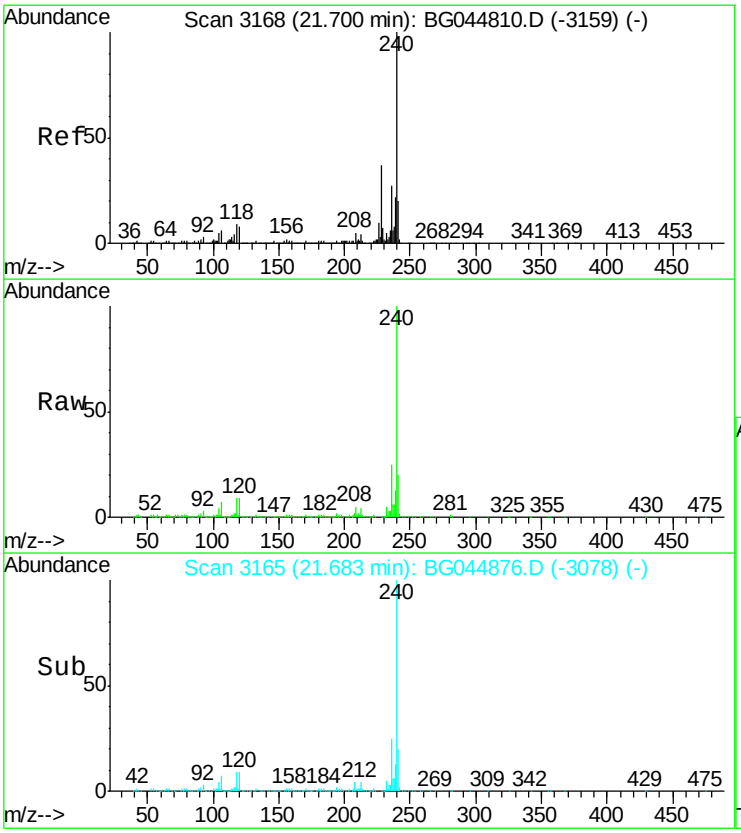
#67
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:248 Resp: 27425

Ion	Ratio	Lower	Upper
248	100		
250	186.9	77.9	116.9#
141	489.4	57.5	86.3#

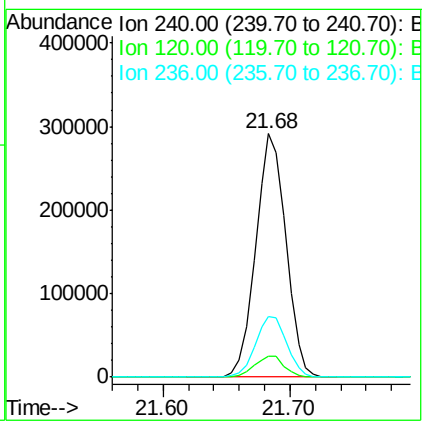


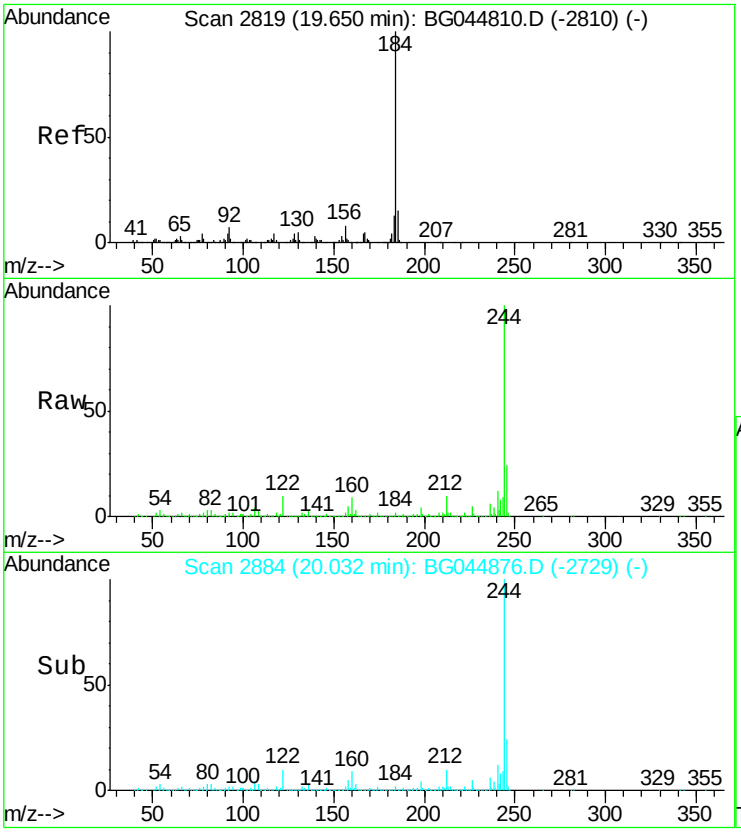


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:240 Resp: 482341

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	24.9	21.5	32.3



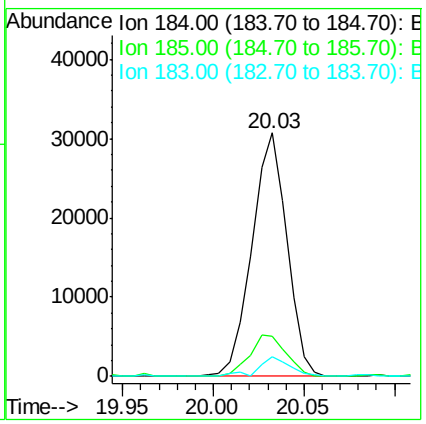


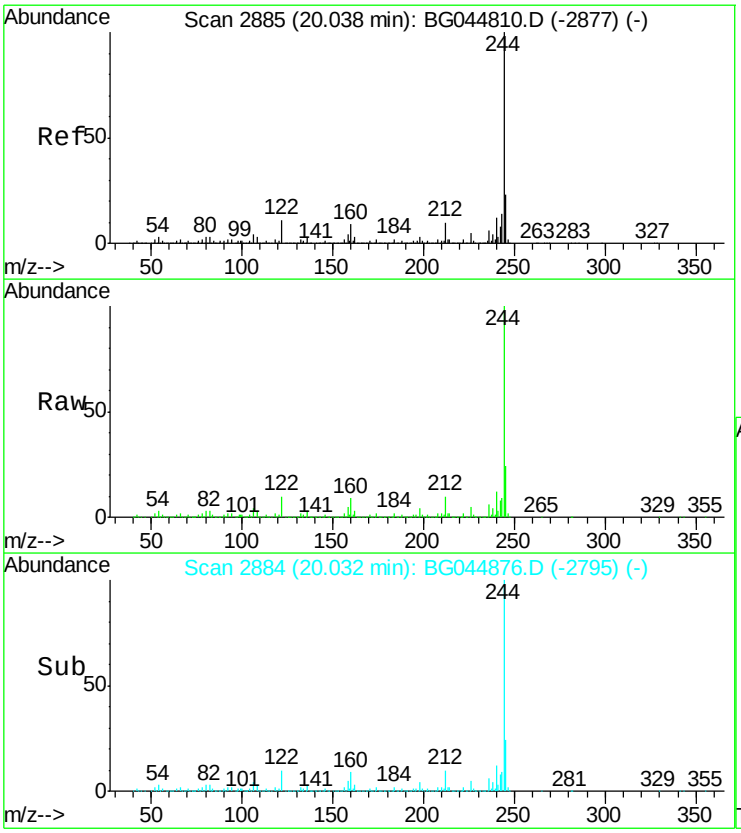
#77
Benzidine
Concen: 2.62 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:184 Resp: 41089

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.4
183	8.0	10.7	16.1#

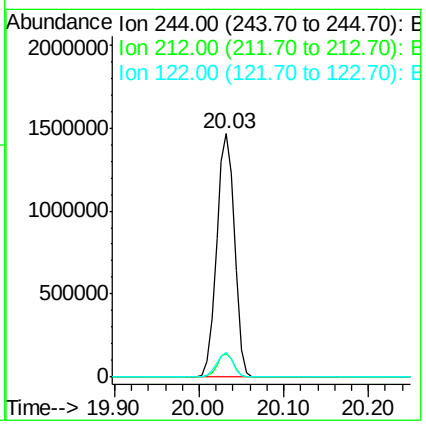


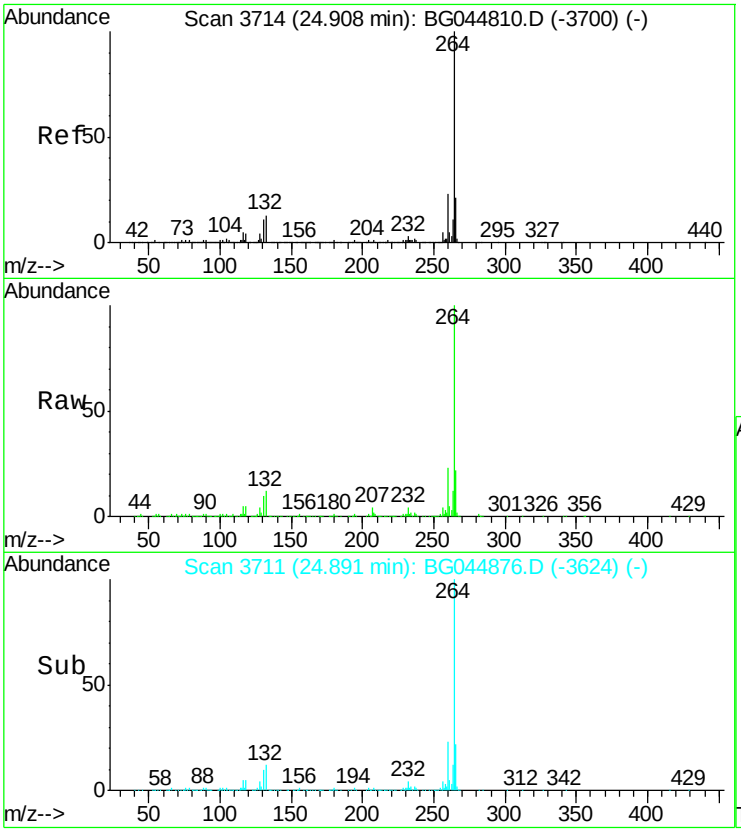


#79
Terphenyl-d14
Concen: 84.02 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:244 Resp: 2166612

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	10.0	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tgt Ion:264 Resp: 500502

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.1	27.1
265	22.0	17.1	25.7