Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044790.D
Acq On : 14 Mar 2020 8:48
Operator : CG/JU
Sample : L1826-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC5B39

Quant Time: Mar 16 01:34:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	120969	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	493344	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	332517	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	689986	20.00	ng	0.00
76) Chrysene-d12	21.69	240	569456	20.00	ng	-0.02
87) Perylene-d12	24.91	264	633452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	824824	106.14	ng	0.00
7) Phenol-d6	7.21	99	1076616	95.36	ng	0.00
23) Nitrobenzene-d5	9.21	82	902404	80.27	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	541021	124.26	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1848685	79.62	ng	0.00
79) Terphenyl-d14	20.04	244	2408248	79.11	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	2575	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	122137	15.32	ng	# 76
26) 2-Nitrophenol	10.00	139	92	5.54	ng	# 28
32) Benzoic acid	10.38	122	65	9.68	ng	# 1
50) Dimethylphthalate	14.13	163	84652	3.20	ng	# 99
51) 2,6-Dinitrotoluene	14.69	165	42383	7.94	ng	# 20
54) 2,4-Dinitrophenol	14.77	184	54	8.34	ng	# 62
57) 2,4-Dinitrotoluene	14.69	165	42383	5.79	ng	# 18
65) 4,6-Dinitro-2-methylphenol	15.50	198	68	7.75	ng	# 1
67) 4-Bromophenyl-phenylether	16.17	248	39009	4.52	ng	# 1
74) Di-n-butylphthalate	18.40	149	87518	2.06	ng	# 94
77) Benzidine	20.04	184	49714	2.69	ng	# 90

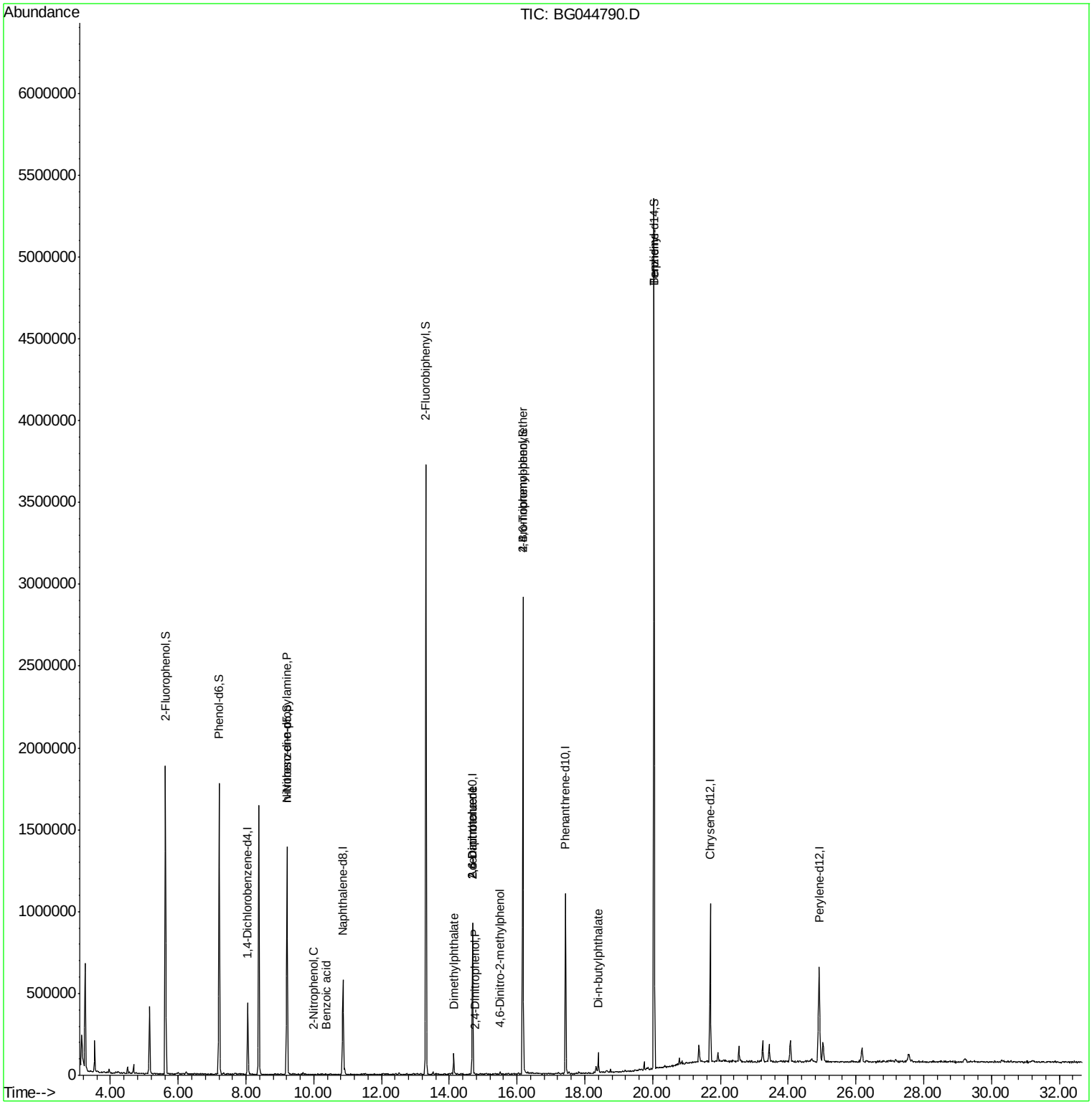
(#) = qualifier out of range (m) = manual integration (+) = signals summed

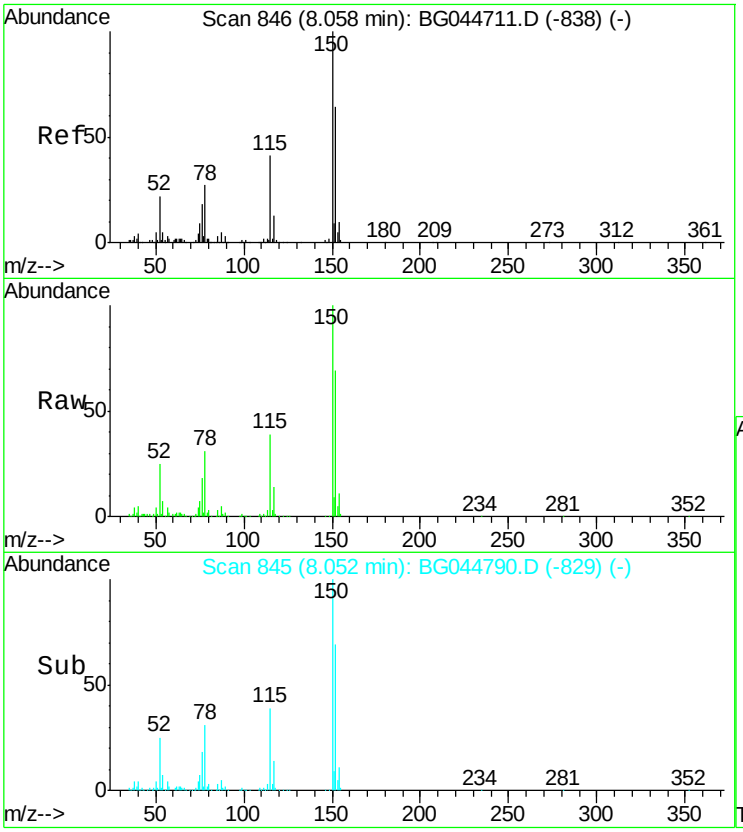
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044790.D
Acq On : 14 Mar 2020 8:48
Operator : CG/JU
Sample : L1826-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC5B39

Quant Time: Mar 16 01:34:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



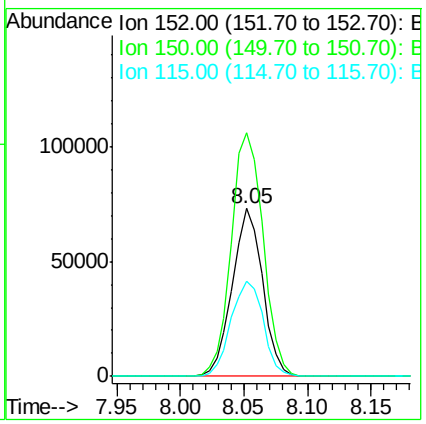


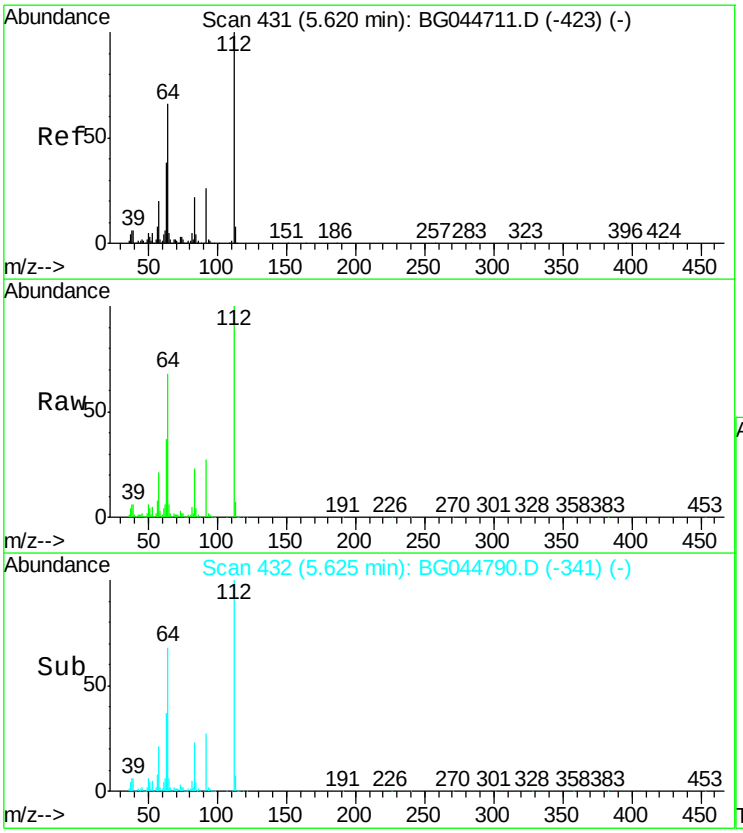
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:152 Resp: 120969

Ion	Ratio	Lower	Upper
152	100		
150	145.0	125.3	187.9
115	56.5	51.7	77.5

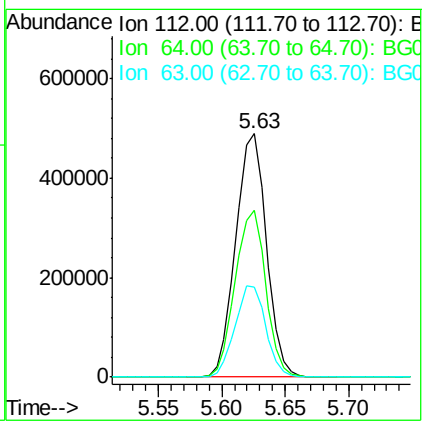


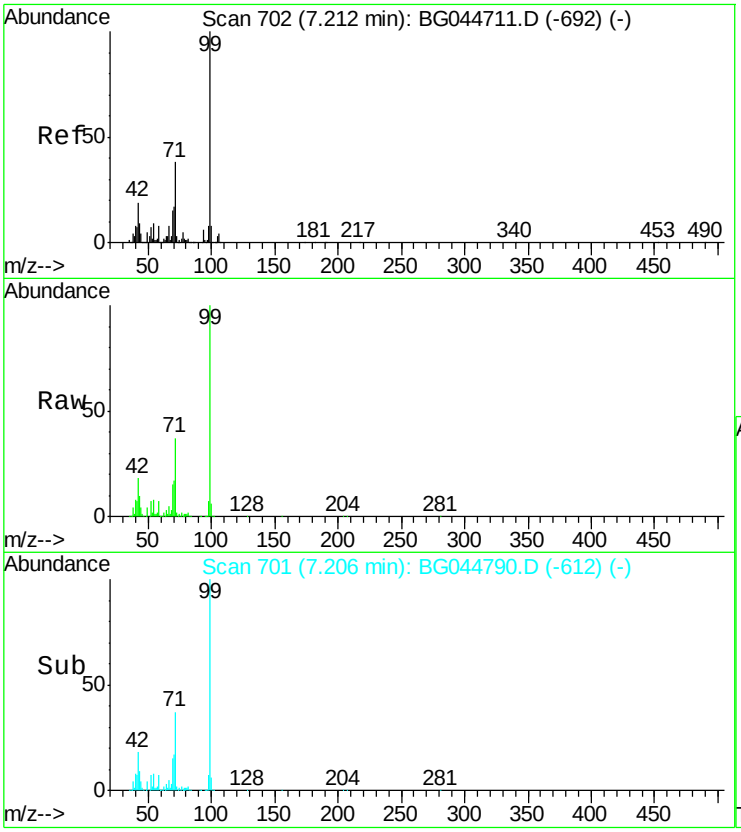


#5
2-Fluorophenol
Concen: 106.14 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:112 Resp: 824824

Ion	Ratio	Lower	Upper
112	100		
64	68.5	52.6	78.8
63	37.2	30.2	45.4



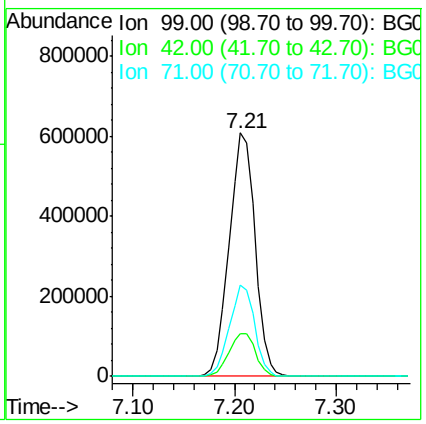


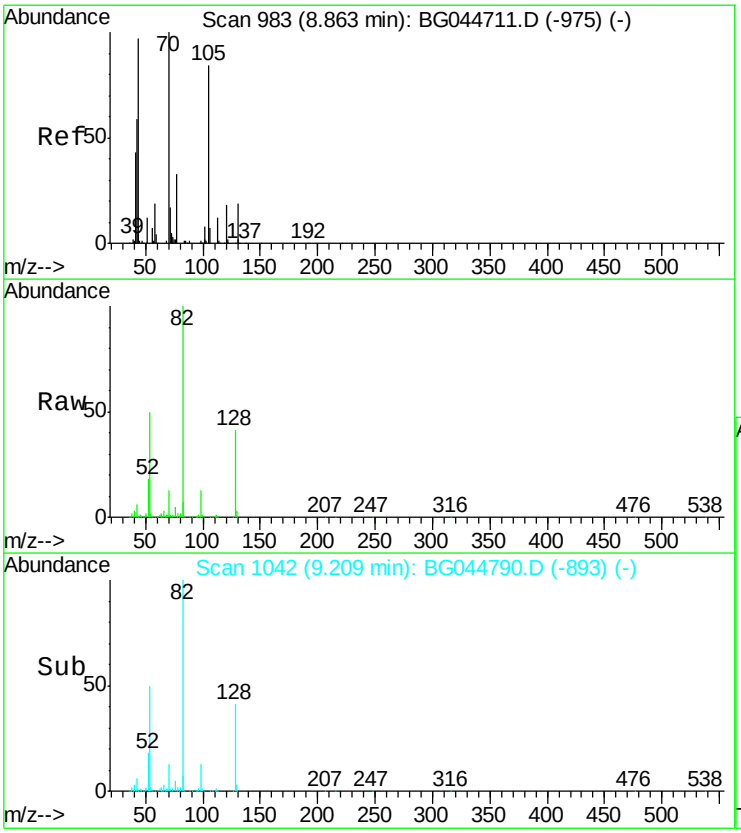
#7
Phenol-d6
Concen: 95.36 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion: 99 Resp: 1076616

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.4	23.0
71	37.4	30.2	45.4

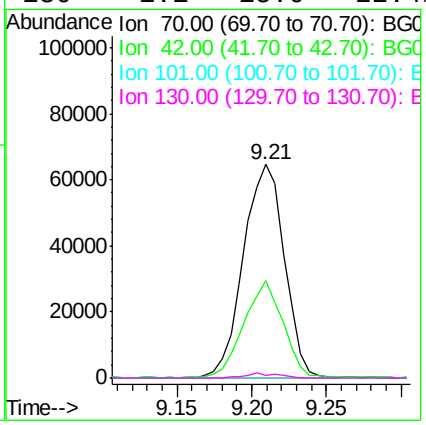


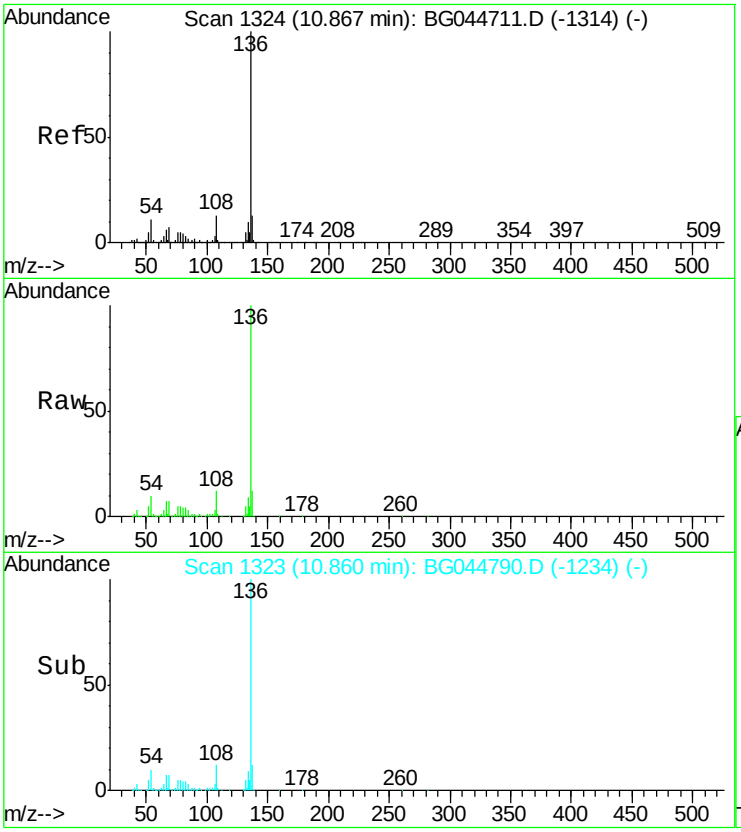


#19
n-Nitroso-di-n-propylamine
Concen: 15.32 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion: 70 Resp: 122137

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.6	71.4#
101	0.0	6.5	9.7#
130	1.1	15.0	22.4#



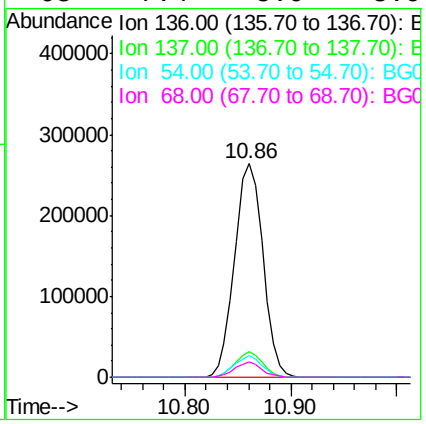


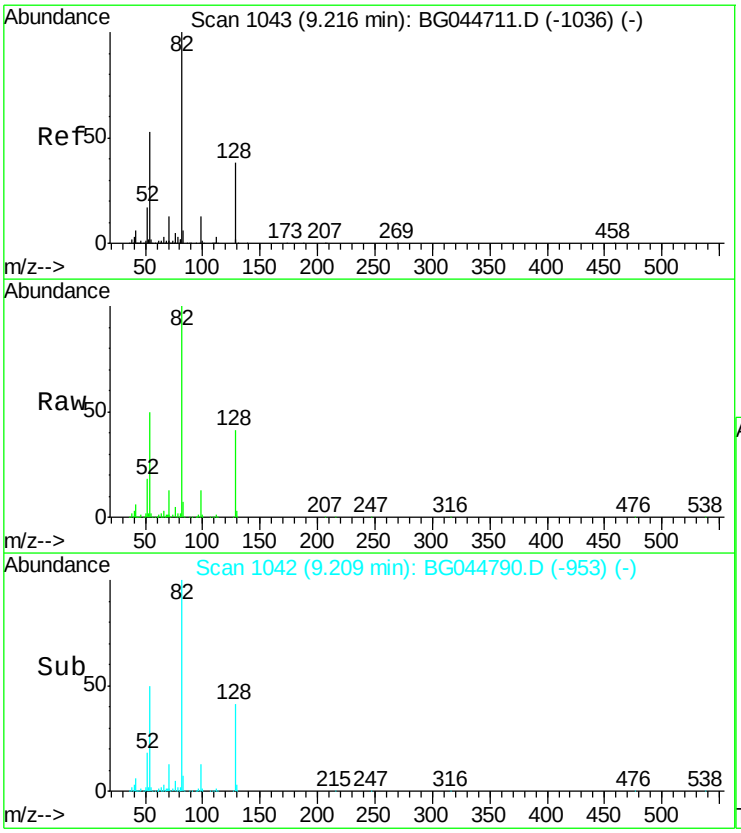
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:136 Resp: 493344

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.7	16.1
54	10.1	9.0	13.4
68	7.4	5.9	8.9

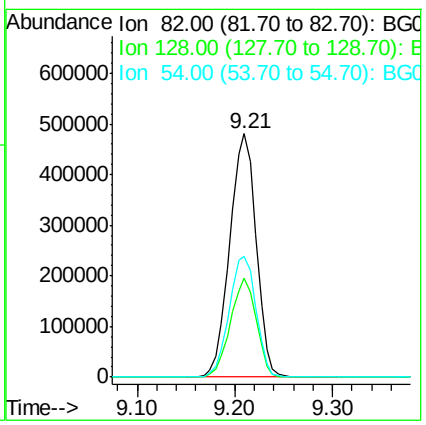


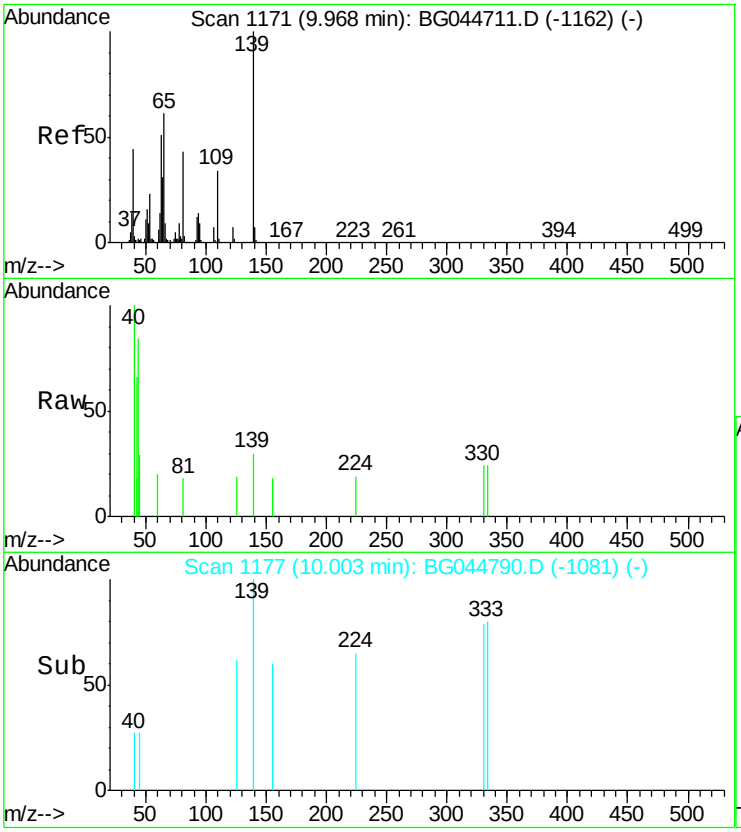


#23
Nitrobenzene-d5
Concen: 80.27 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion: 82 Resp: 902404

Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.2	45.2
54	49.6	41.8	62.8



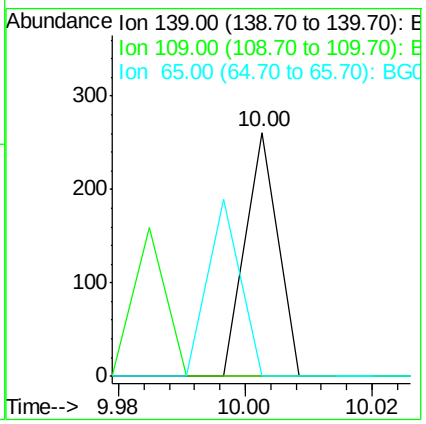


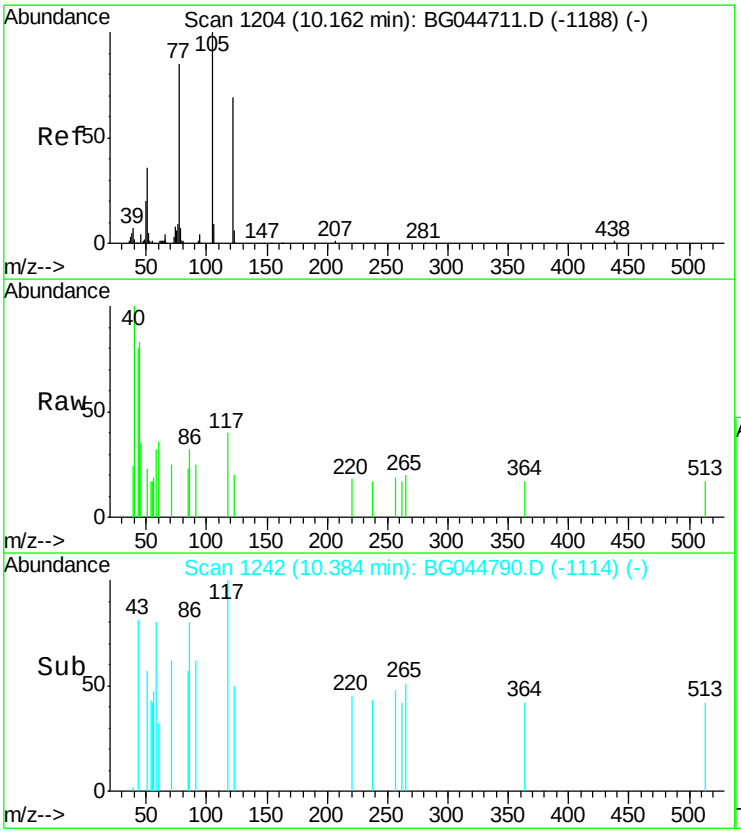
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.04 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:139 Resp: 92

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#

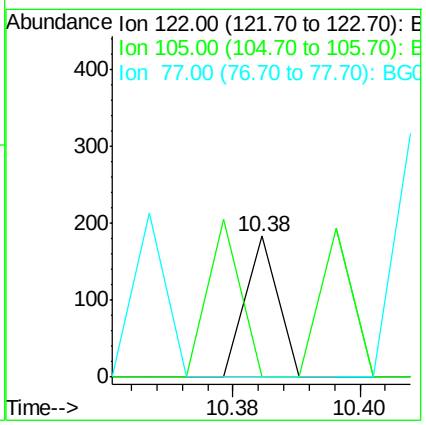


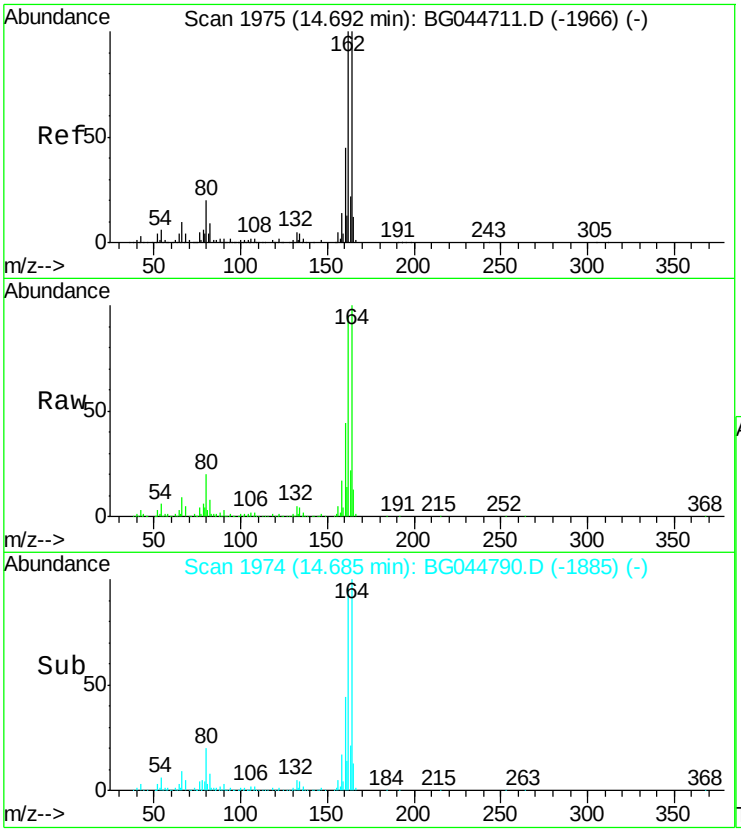


#32
Benzoic acid
Concen: 9.68 ng
RT: 10.38 min Scan# 1242
Delta R.T. 0.22 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	0.0	96.4	136.4#



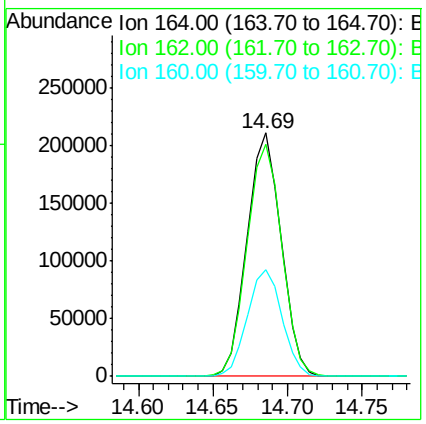


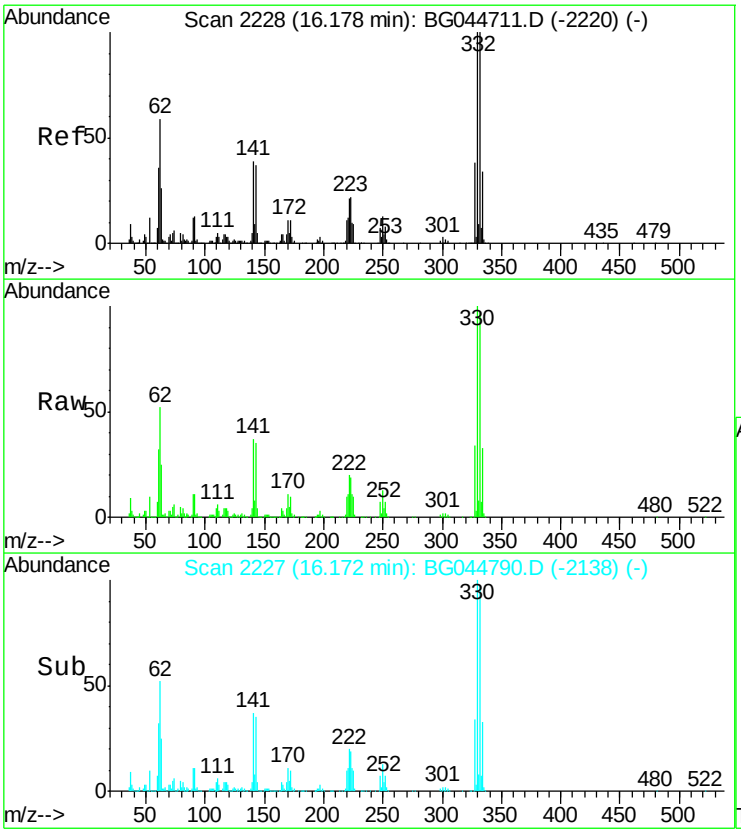
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:164 Resp: 332517

Ion	Ratio	Lower	Upper
164	100		
162	95.5	80.2	120.4
160	43.8	36.2	54.2

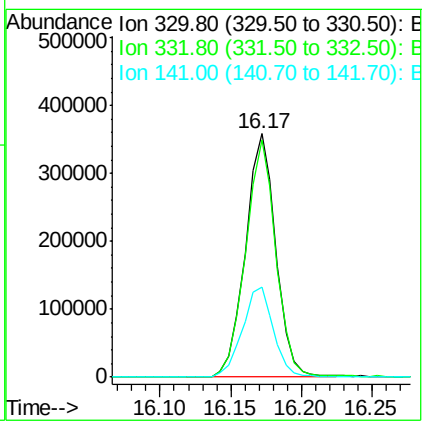


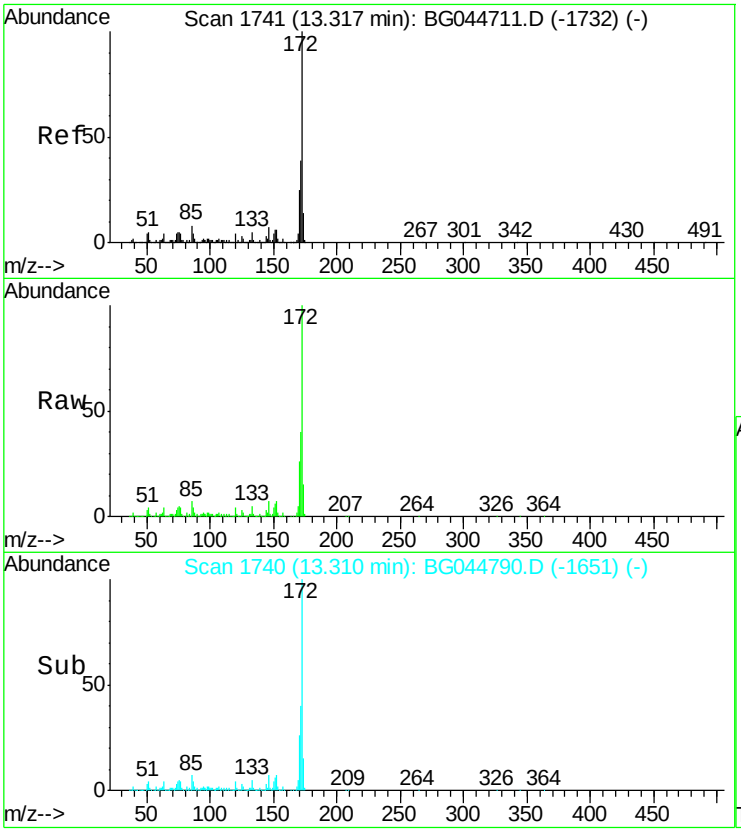


#42
2,4,6-Tribromophenol
Concen: 124.26 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:330 Resp: 541021

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.5	116.3
141	37.6	31.7	47.5



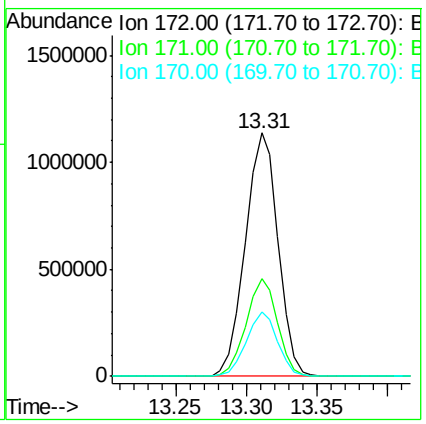


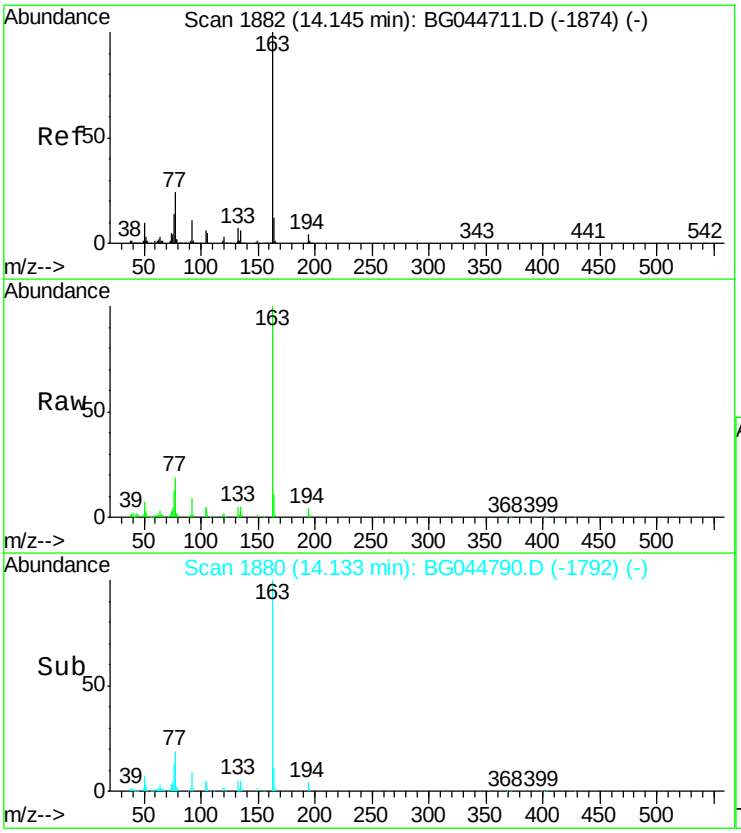
#45
2-Fluorobiphenyl
Concen: 79.62 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:172 Resp: 1848685

Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.8	46.2
170	26.3	20.0	30.0

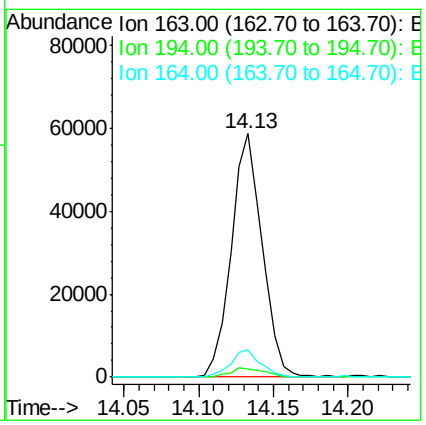


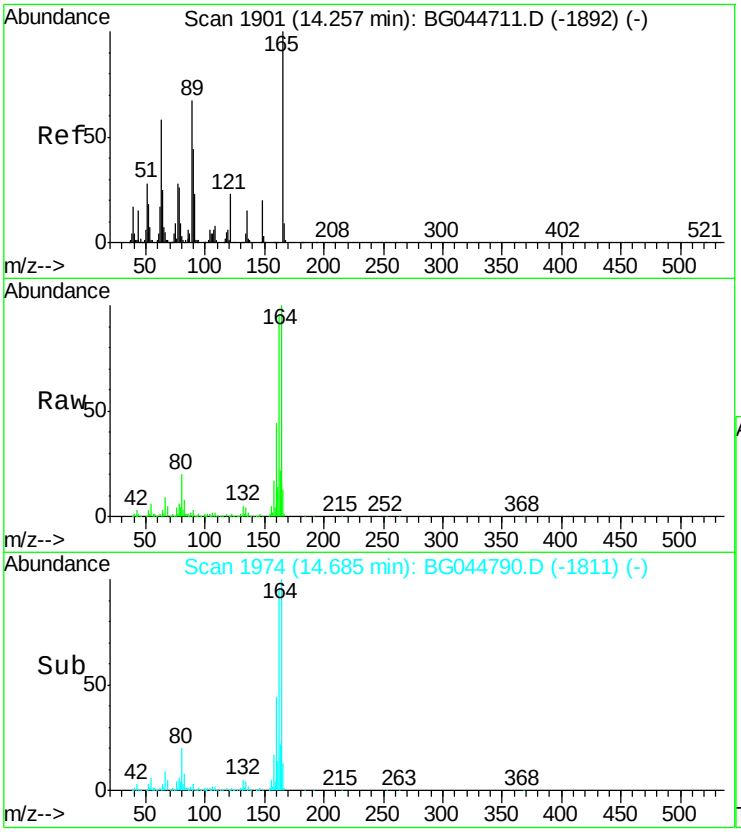


#50
Dimethylphthalate
Concen: 3.20 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:163 Resp: 84652

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	11.3	9.2	13.8



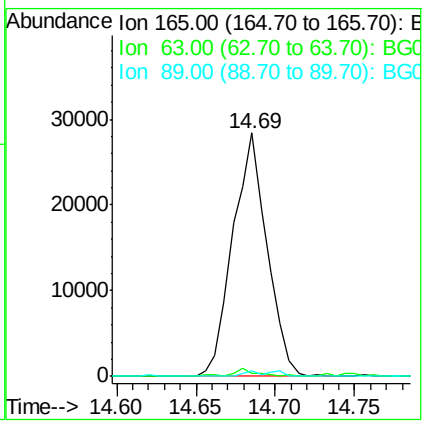


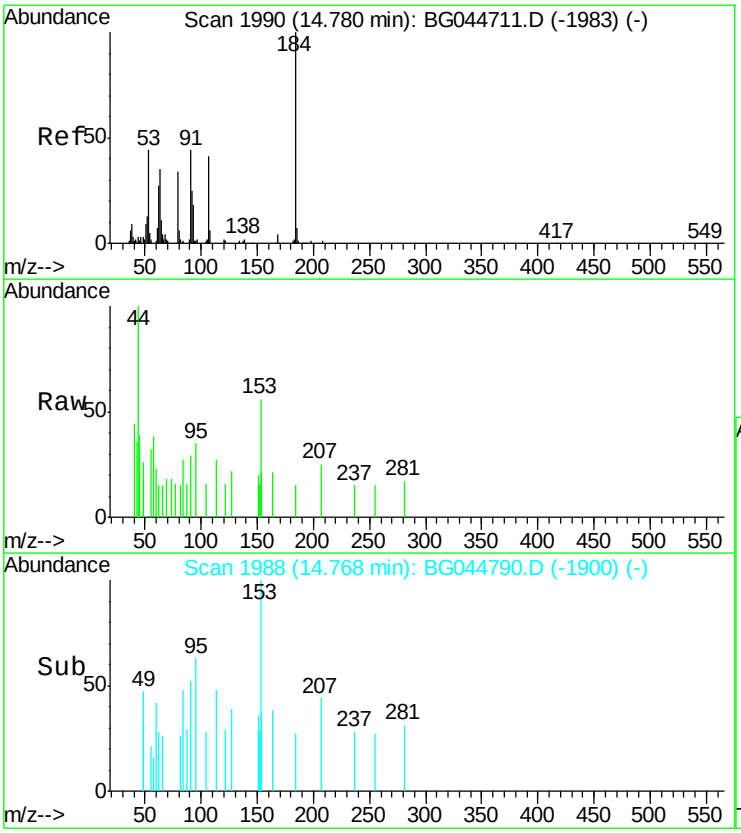
#51
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.43 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:165 Resp: 42383

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	2.2	53.8	80.8#

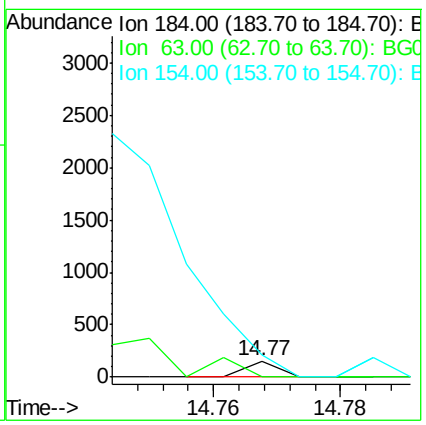


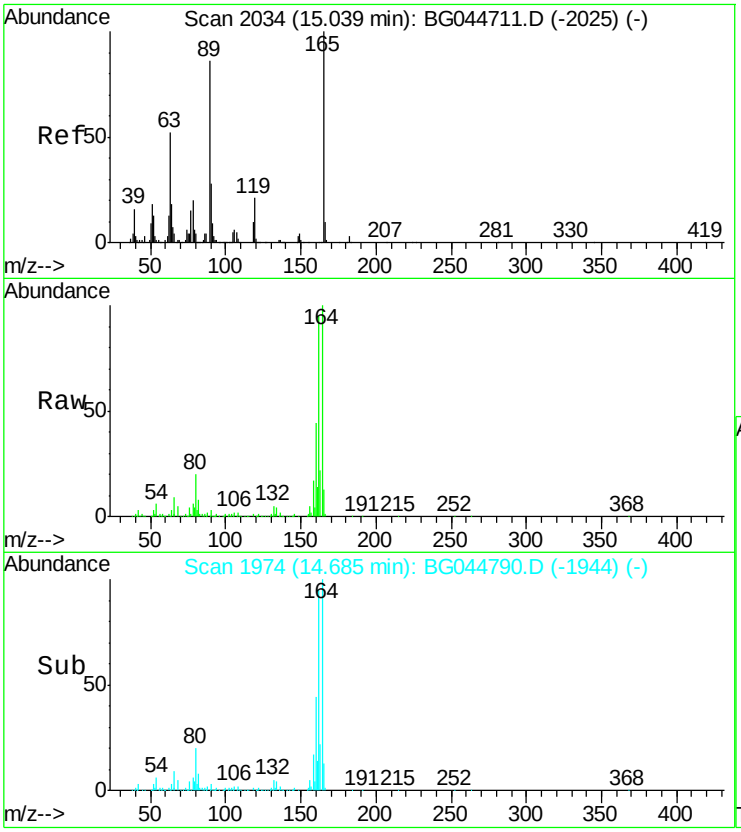


#54
2,4-Dinitrophenol
Concen: 8.34 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.0	73.6#
154	136.4	94.5	141.7



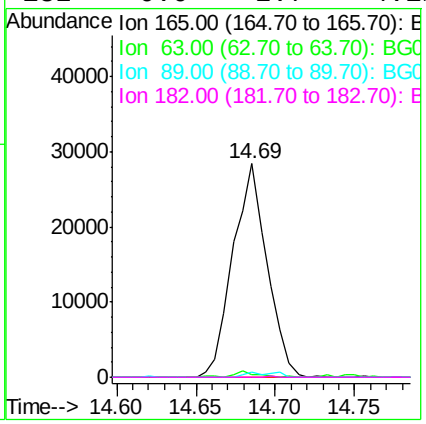


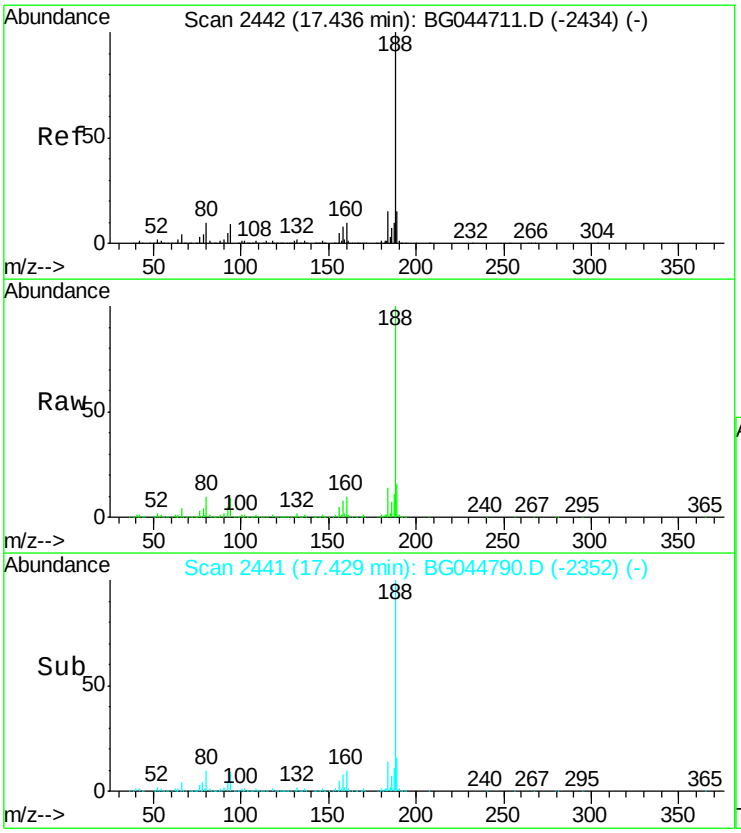
#57
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:165 Resp: 42383

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.5	62.3#
89	2.2	69.0	103.4#
182	0.0	2.7	4.1#

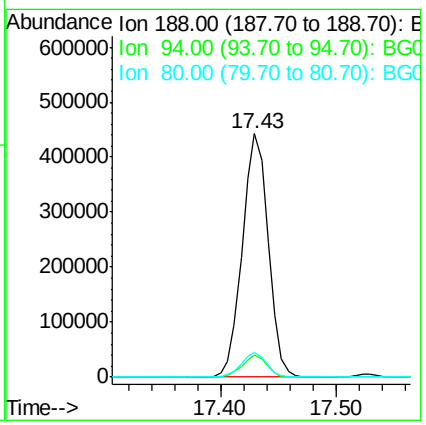


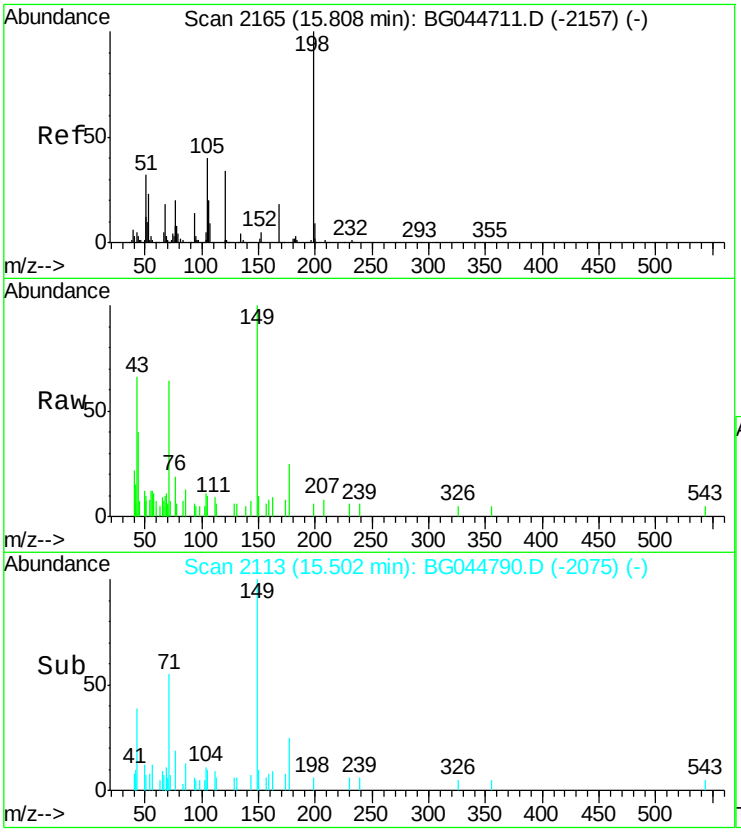


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:188 Resp: 689986

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	10.3	8.4	12.6



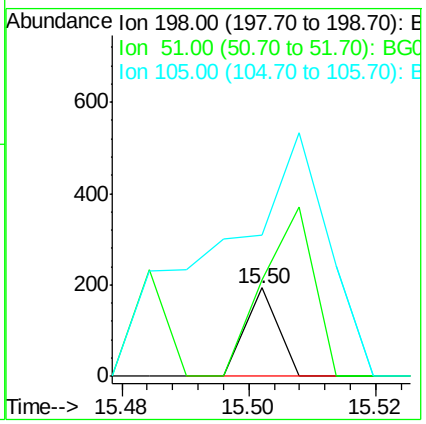


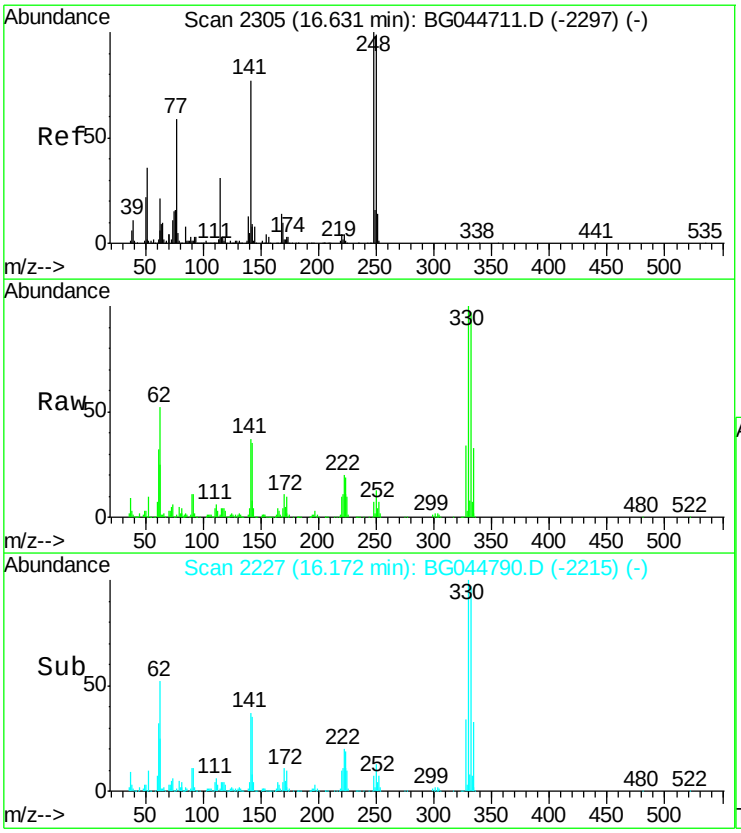
#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.31 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:198 Resp: 68

Ion	Ratio	Lower	Upper
198	100		
51	109.8	20.1	60.1#
105	160.6	21.3	61.3#

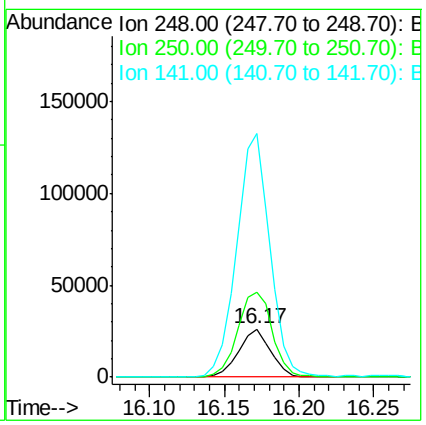


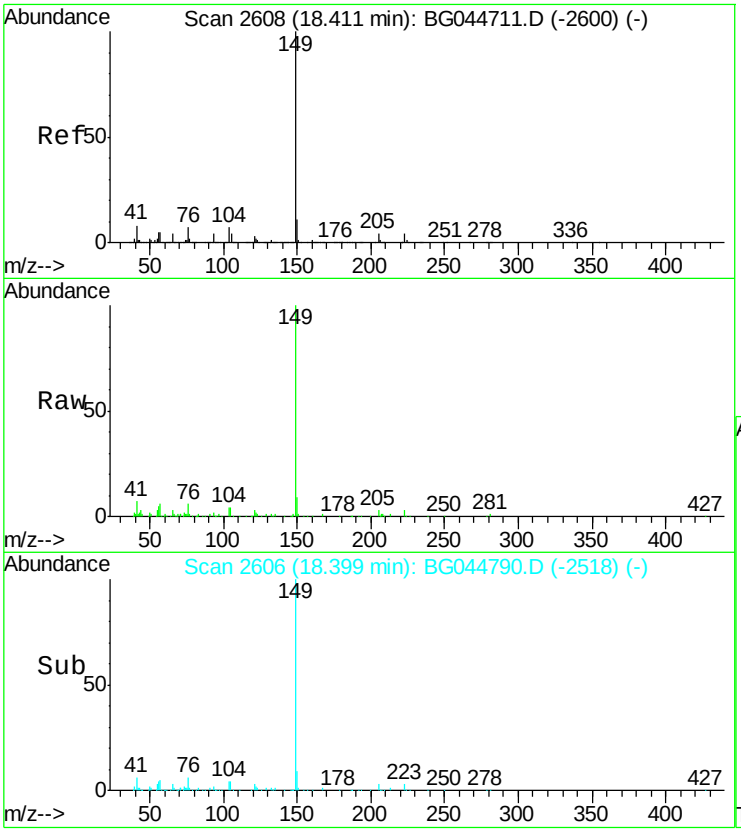


#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:248 Resp: 39009

Ion	Ratio	Lower	Upper
248	100		
250	176.8	79.4	119.0#
141	505.6	61.7	92.5#



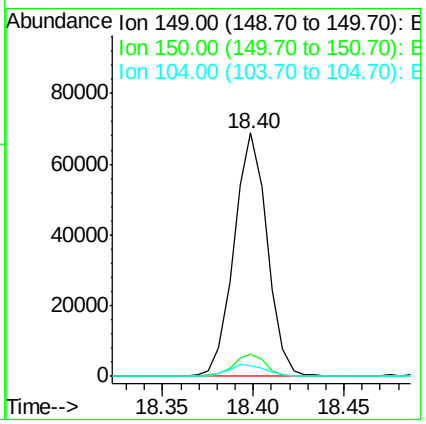


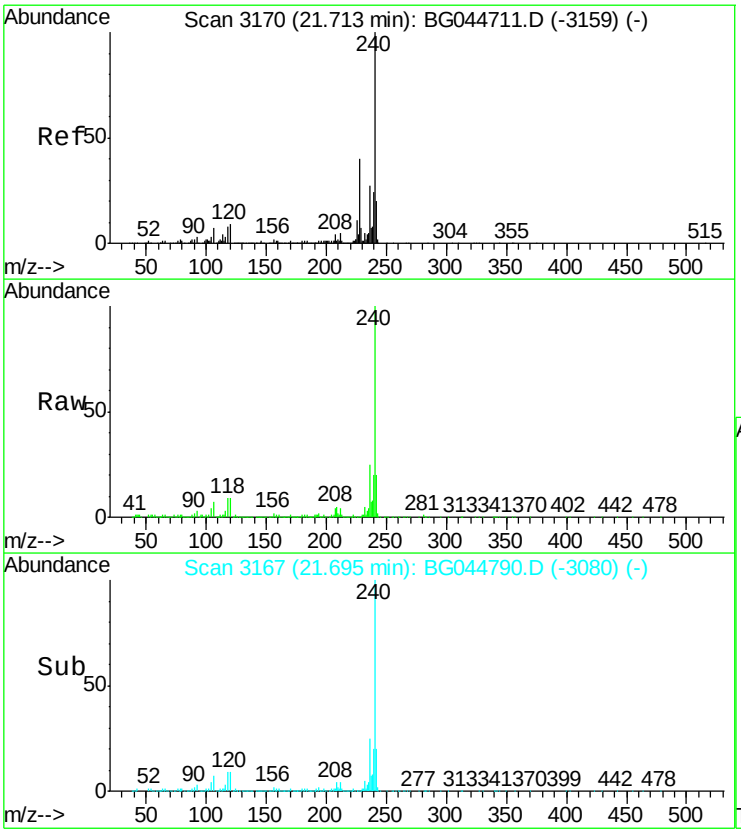
#74
Di-n-butylphthalate
Concen: 2.06 ng
RT: 18.40 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:149 Resp: 87518

Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.4	12.6
104	4.3	5.6	8.4#

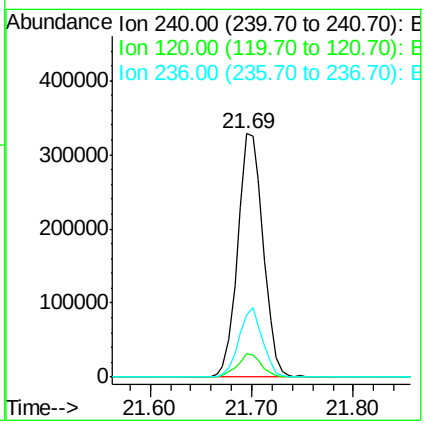


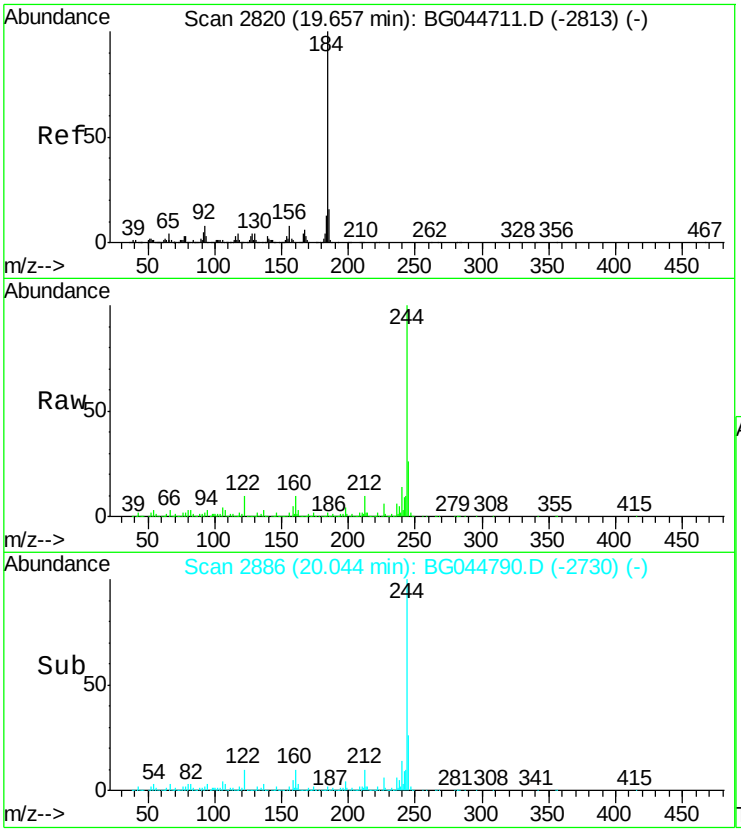


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:240 Resp: 569456

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.9	10.3
236	25.4	21.9	32.9



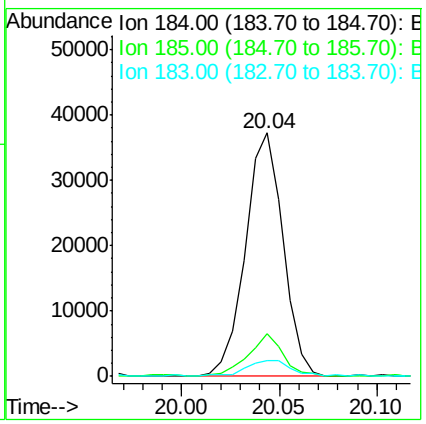


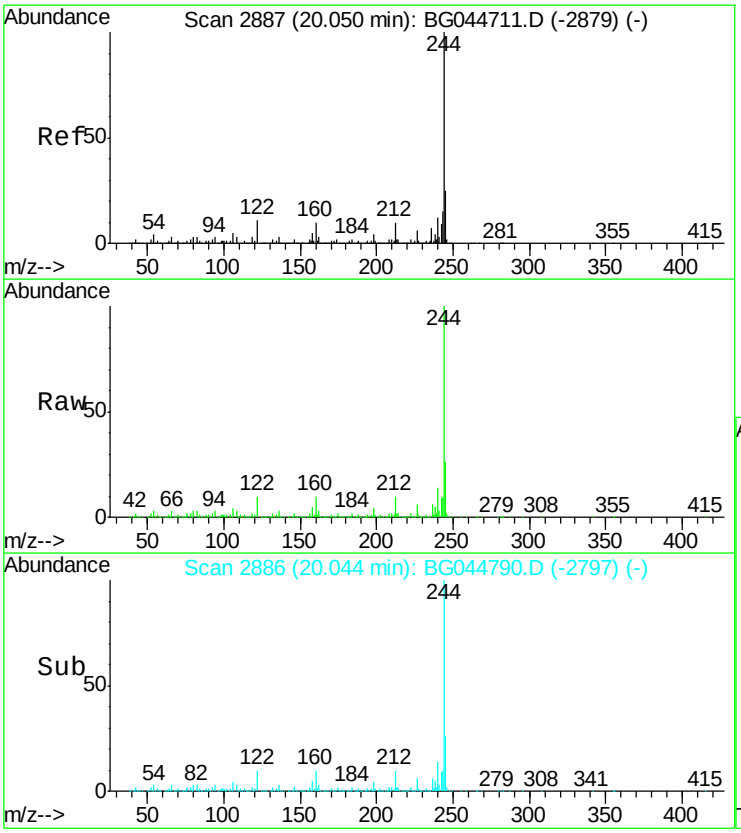
#77
Benzidine
Concen: 2.69 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:184 Resp: 49714

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.9	19.3
183	6.3	10.6	15.8#

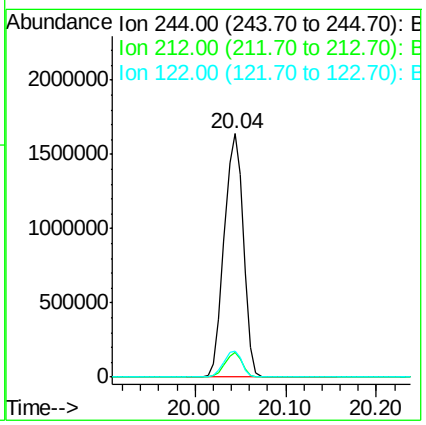


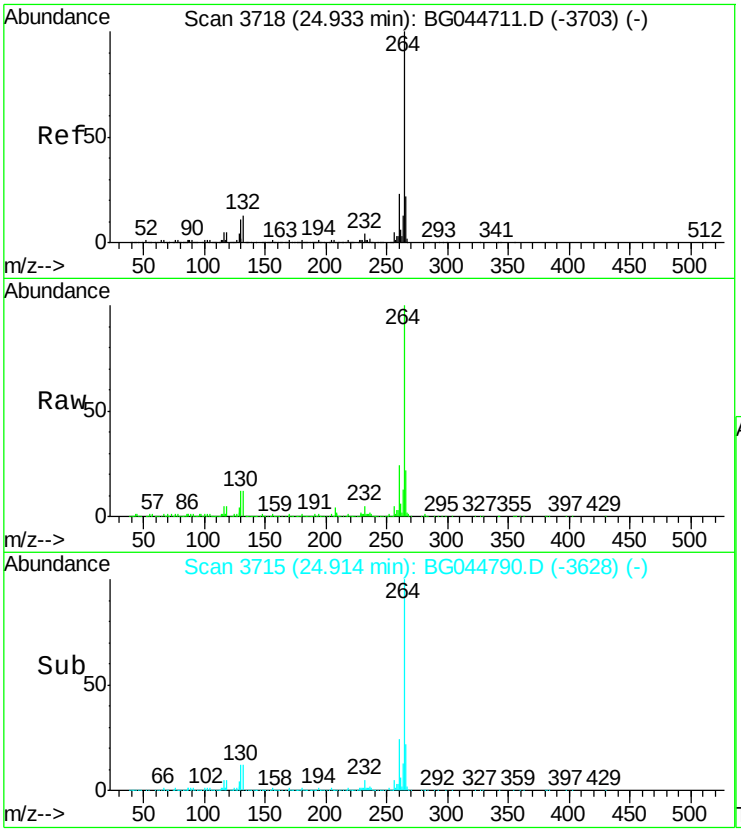


#79
Terphenyl-d14
Concen: 79.11 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Tgt Ion:244 Resp: 2408248

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.4	12.6
122	10.5	8.7	13.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044790.D
Acq: 14 Mar 2020 8:48

Instrument :
BNA_G
ClientSampleId :
MC5B39

Tgt Ion:264 Resp: 633452

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.9	17.4	26.2