Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044796.D
Acq On : 14 Mar 2020 13:05
Operator : CG/JU
Sample : L1826-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC5B42

Quant Time: Mar 16 01:36:11 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	107362	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	438919	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	300099	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	625984	20.00	ng	0.00
76) Chrysene-d12	21.70	240	537981	20.00	ng	-0.01
87) Perylene-d12	24.91	264	594789	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	807034	117.02	ng	0.00
7) Phenol-d6	7.21	99	1059697	105.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	869026	86.88	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	511065	130.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1750396	83.53	ng	0.00
79) Terphenyl-d14	20.04	244	2421107	84.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	2405	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	120075	16.97	ng	# 73
26) 2-Nitrophenol	9.57	139	58	5.53	ng	# 28
32) Benzoic acid	10.18	122	53	9.68	ng	# 1
50) Dimethylphthalate	14.13	163	75459	3.16	ng	# 95
51) 2,6-Dinitrotoluene	14.68	165	38602	8.01	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	38602	5.84	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.81	198	74	7.75	ng	# 34
67) 4-Bromophenyl-phenylether	16.17	248	37187	4.75	ng	# 1
77) Benzidine	20.04	184	47810	2.74	ng	# 92

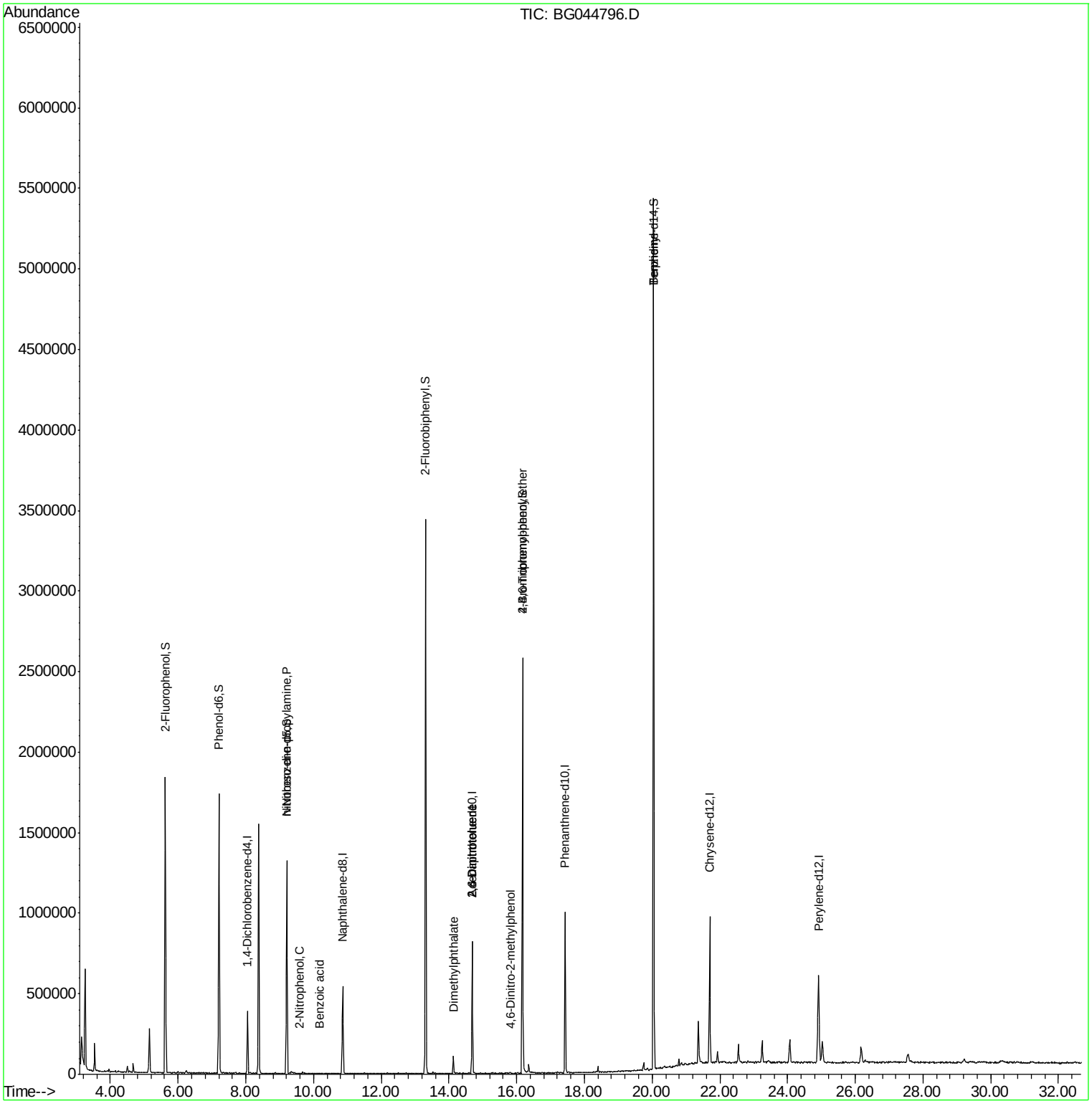
(#) = qualifier out of range (m) = manual integration (+) = signals summed

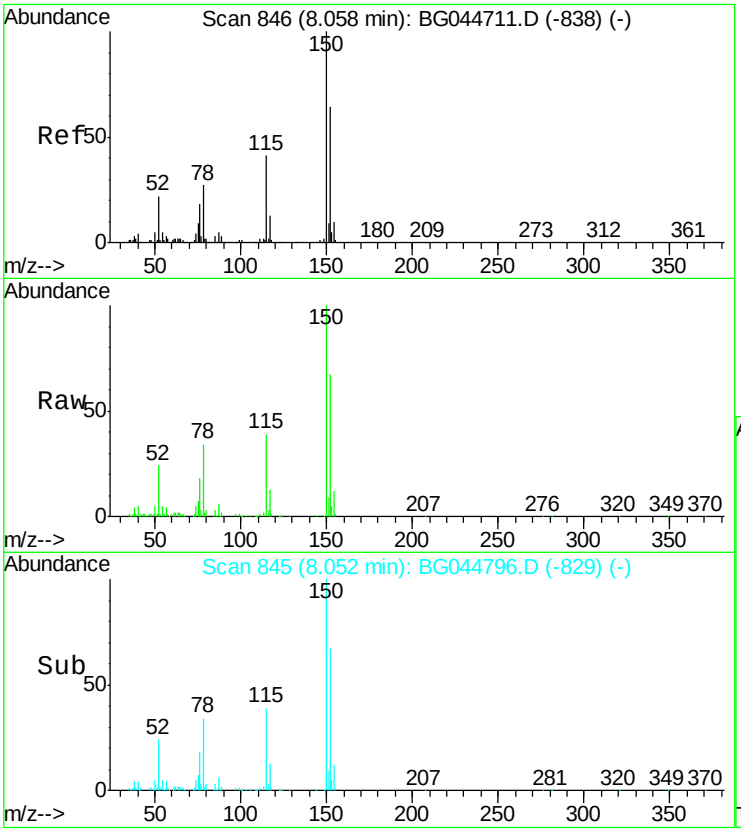
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044796.D
Acq On : 14 Mar 2020 13:05
Operator : CG/JU
Sample : L1826-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC5B42

Quant Time: Mar 16 01:36:11 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



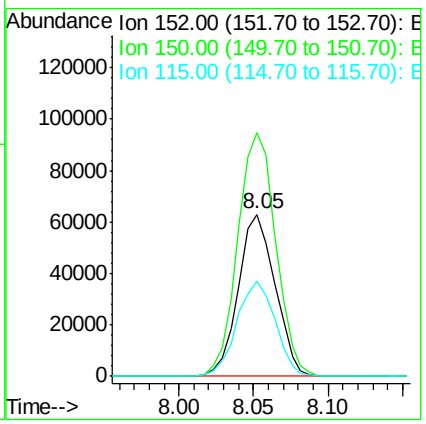


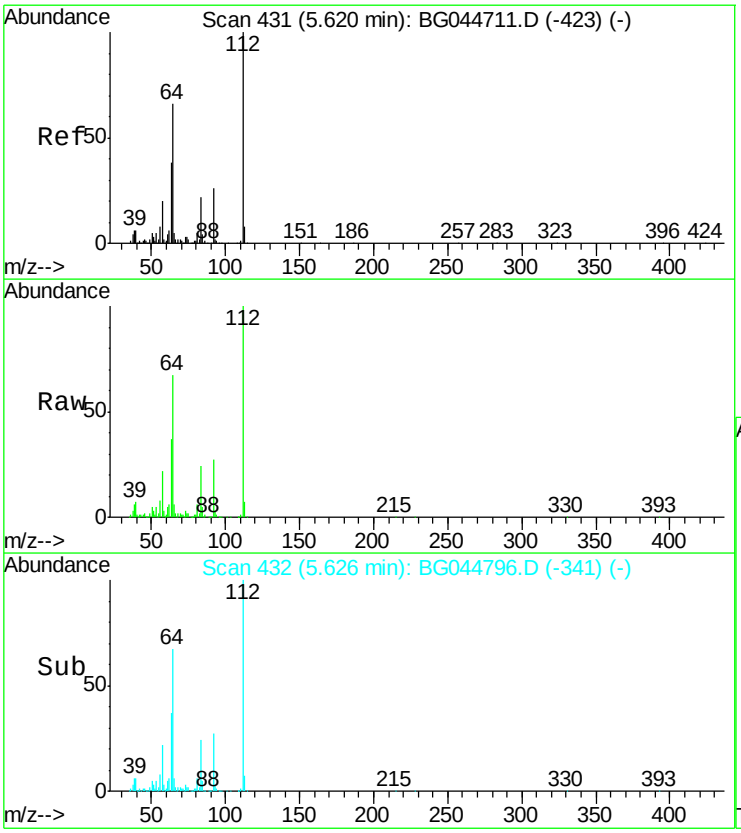
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:152 Resp: 107362

Ion	Ratio	Lower	Upper
152	100		
150	150.0	125.3	187.9
115	58.5	51.7	77.5

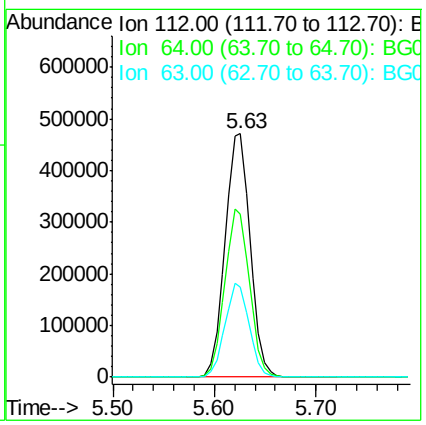


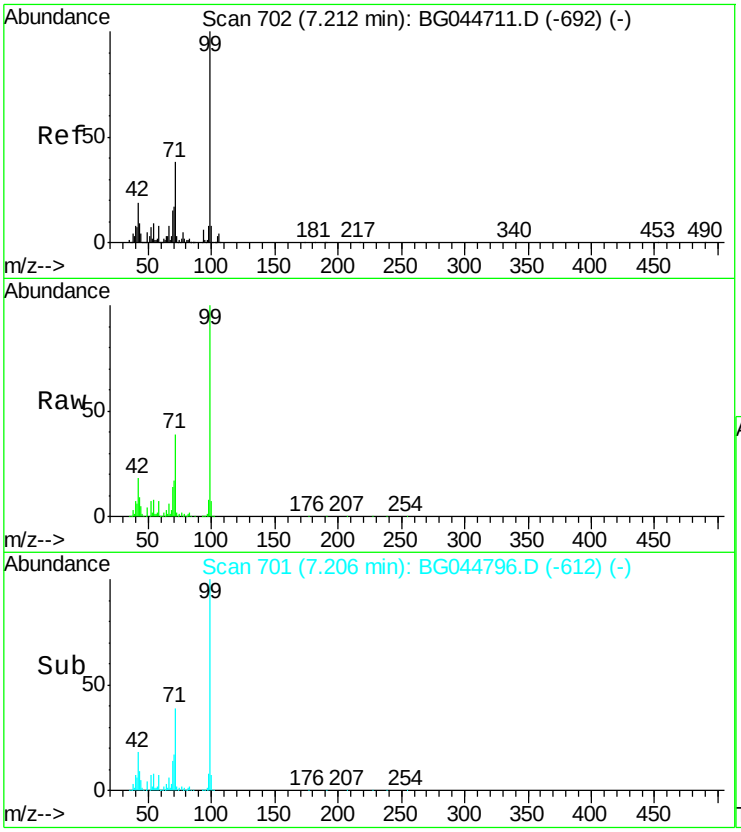


#5
2-Fluorophenol
Concen: 117.02 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:112 Resp: 807034

Ion	Ratio	Lower	Upper
112	100		
64	67.0	52.6	78.8
63	37.1	30.2	45.4



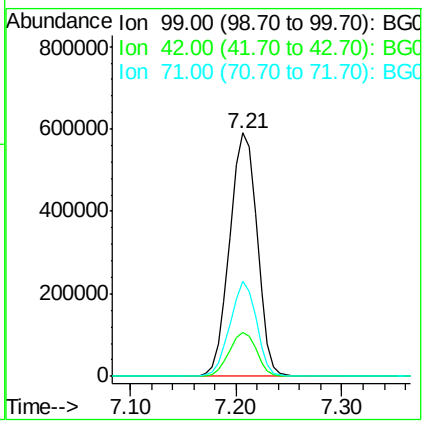


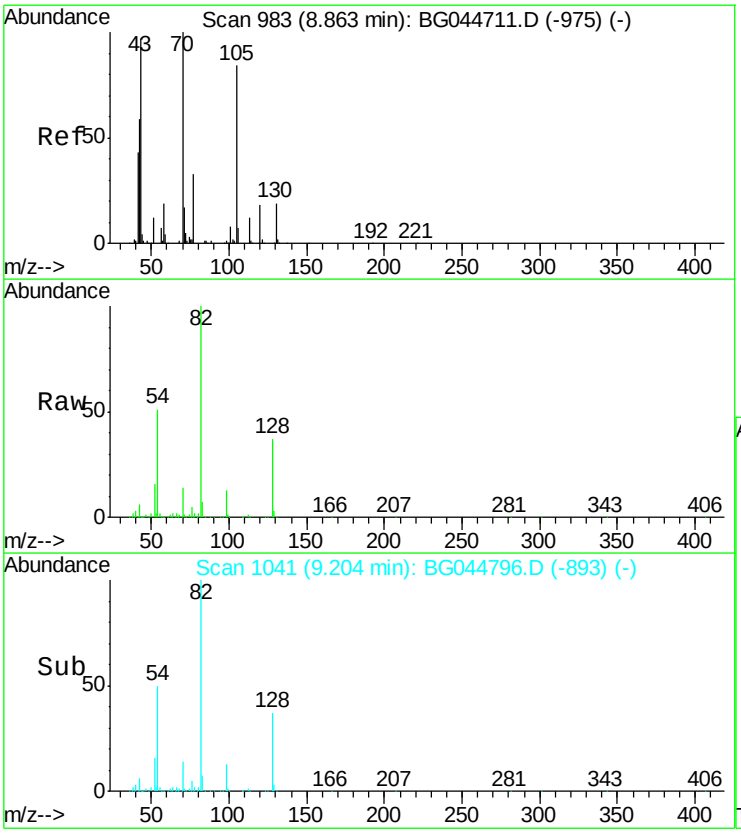
#7
Phenol-d6
Concen: 105.75 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion: 99 Resp: 1059697

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	39.1	30.2	45.4

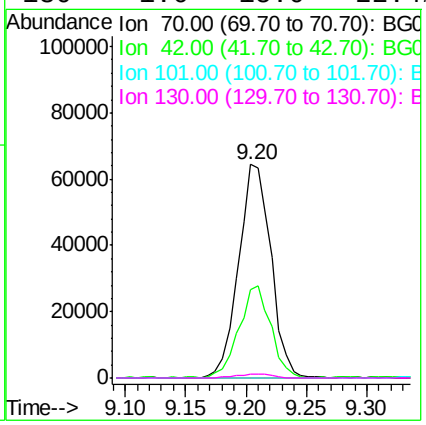


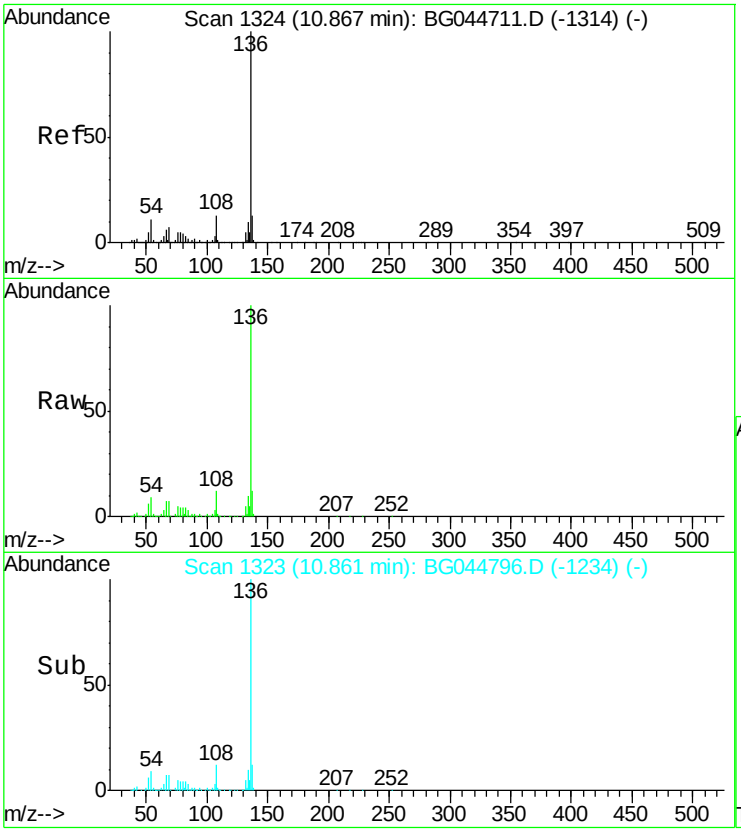


#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion: 70 Resp: 120075

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.6	71.4#
101	0.0	6.5	9.7#
130	1.6	15.0	22.4#



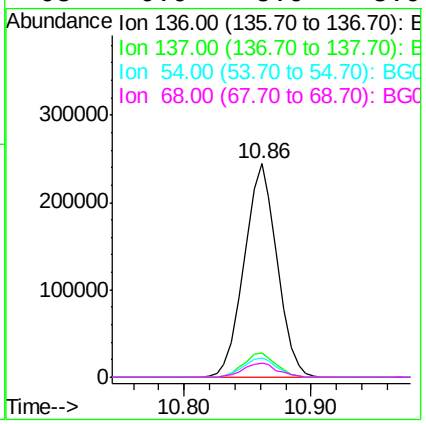


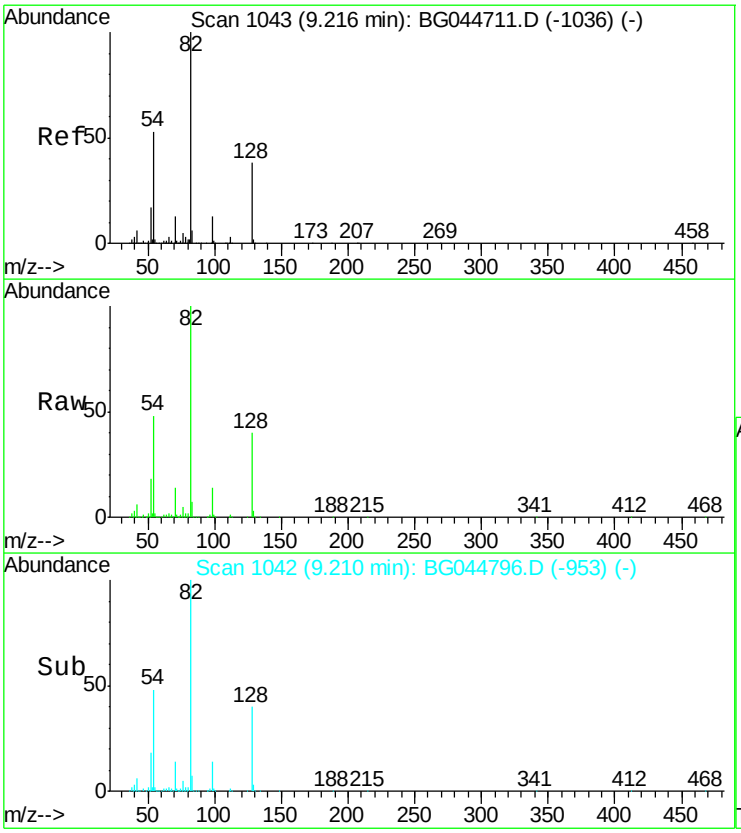
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:136 Resp: 438919

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.7	16.1
54	9.2	9.0	13.4
68	6.9	5.9	8.9

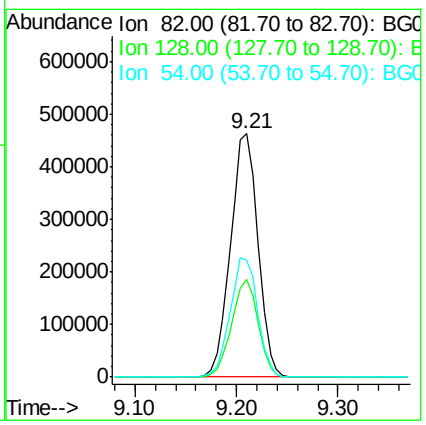


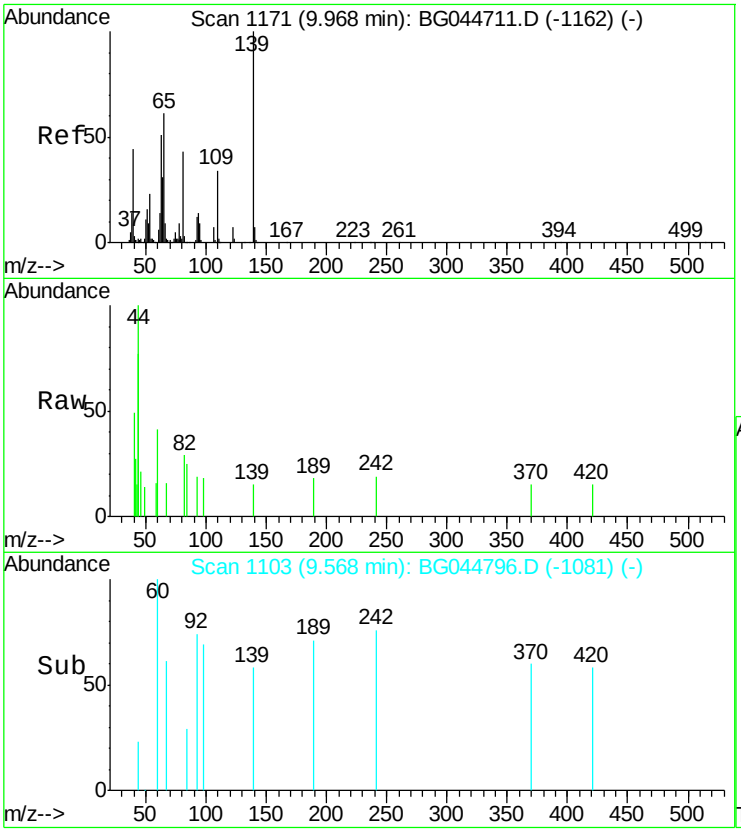


#23
Nitrobenzene-d5
Concen: 86.88 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion: 82 Resp: 869026

Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.2	45.2
54	47.9	41.8	62.8



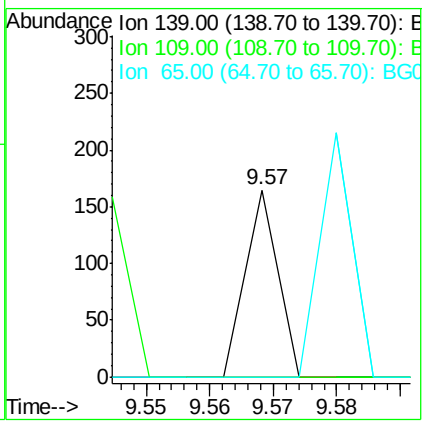


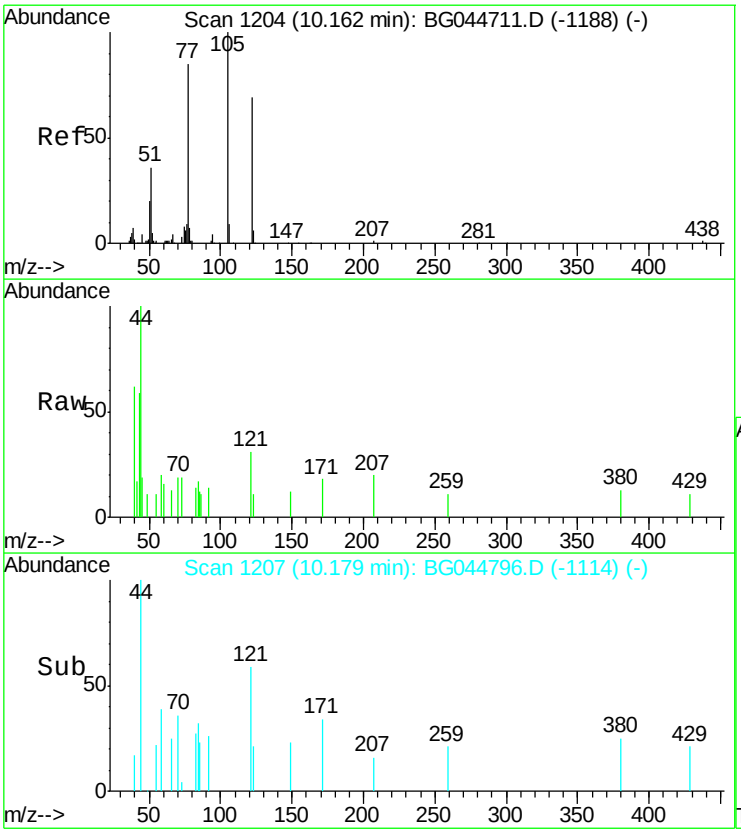
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.40 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:139 Resp: 58

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

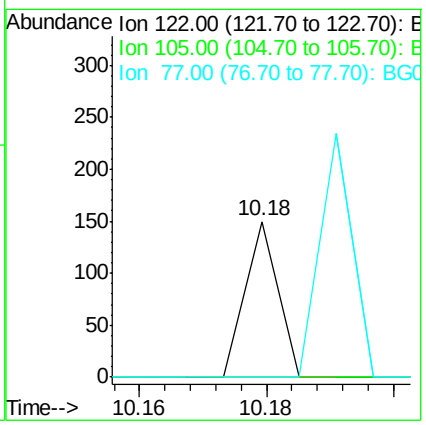


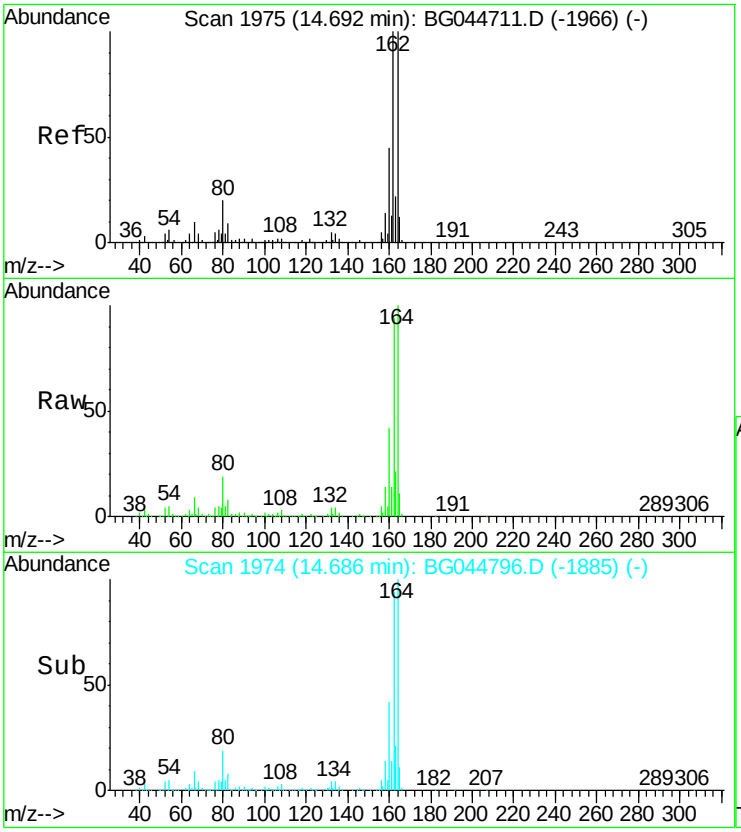


#32
Benzoic acid
Concen: 9.68 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:122 Resp: 53

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



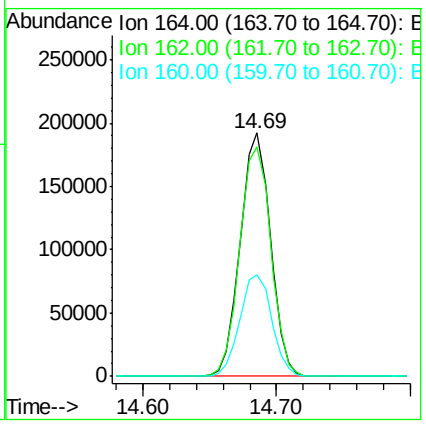


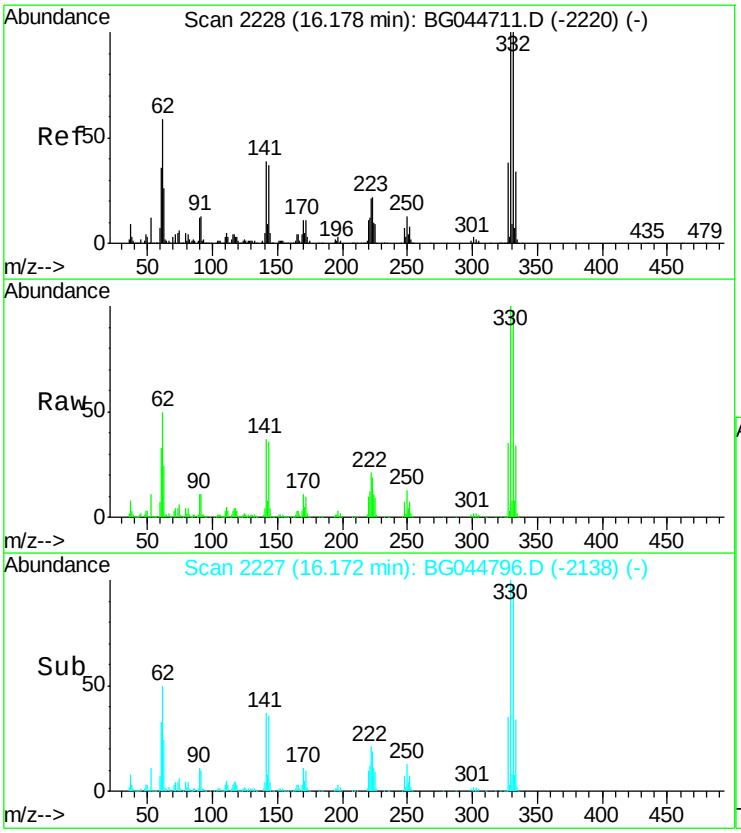
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:164 Resp: 300099

Ion	Ratio	Lower	Upper
164	100		
162	94.1	80.2	120.4
160	41.6	36.2	54.2

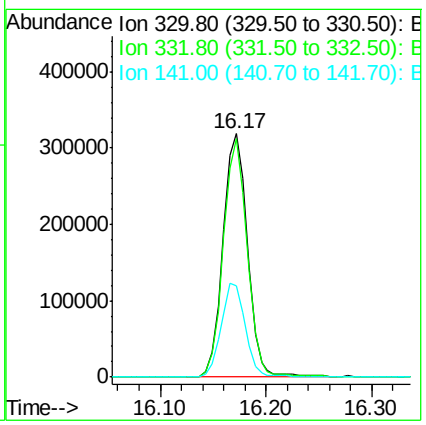


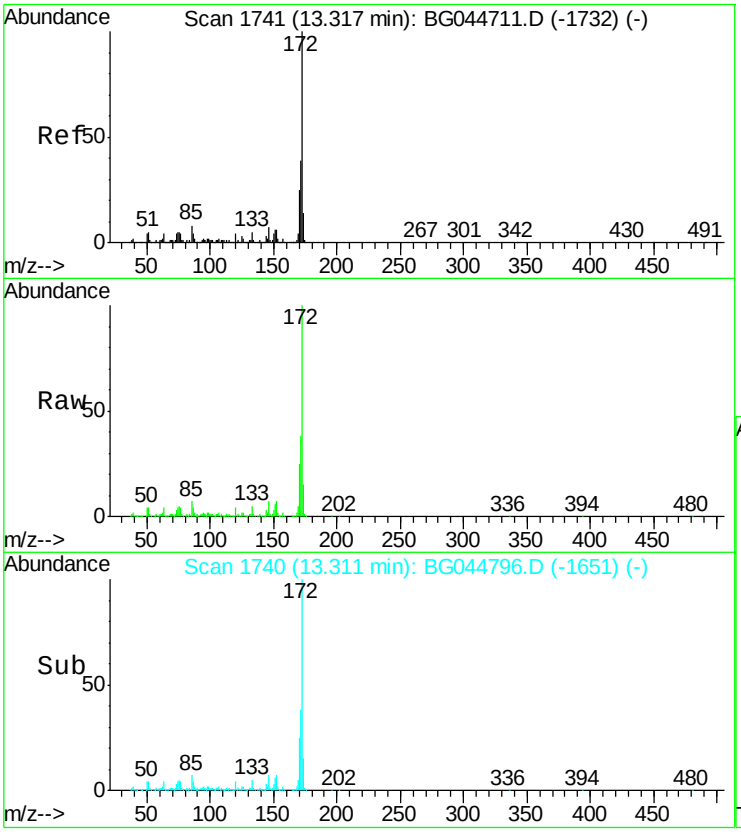


#42
2,4,6-Tribromophenol
Concen: 130.06 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:330 Resp: 511065

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.5	116.3
141	38.1	31.7	47.5



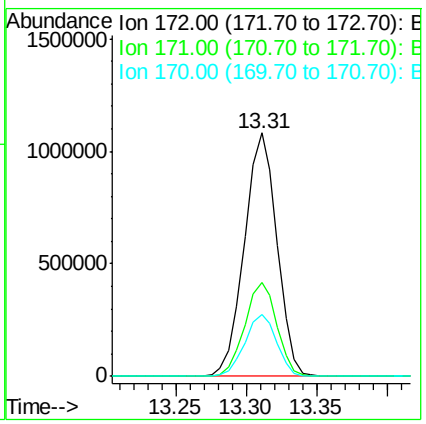


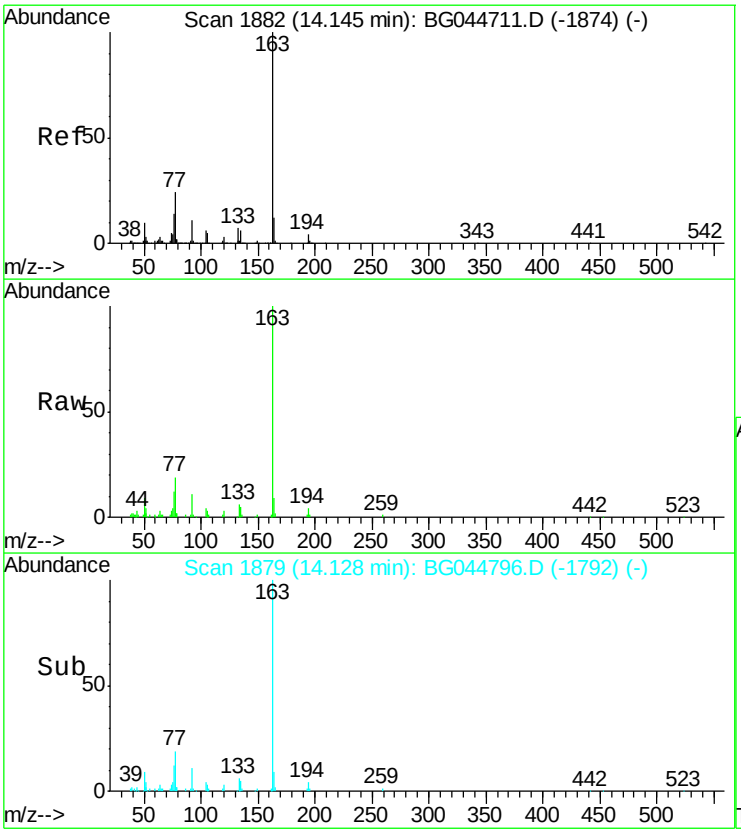
#45
2-Fluorobiphenyl
Concen: 83.53 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:172 Resp: 1750396

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.5	20.0	30.0

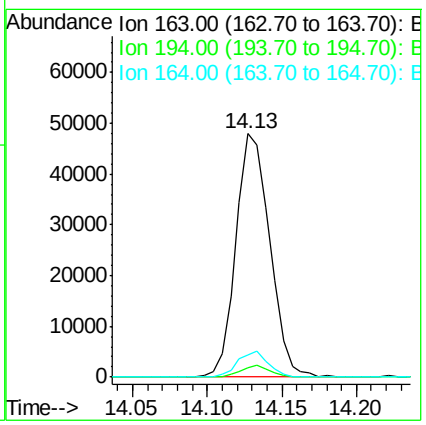


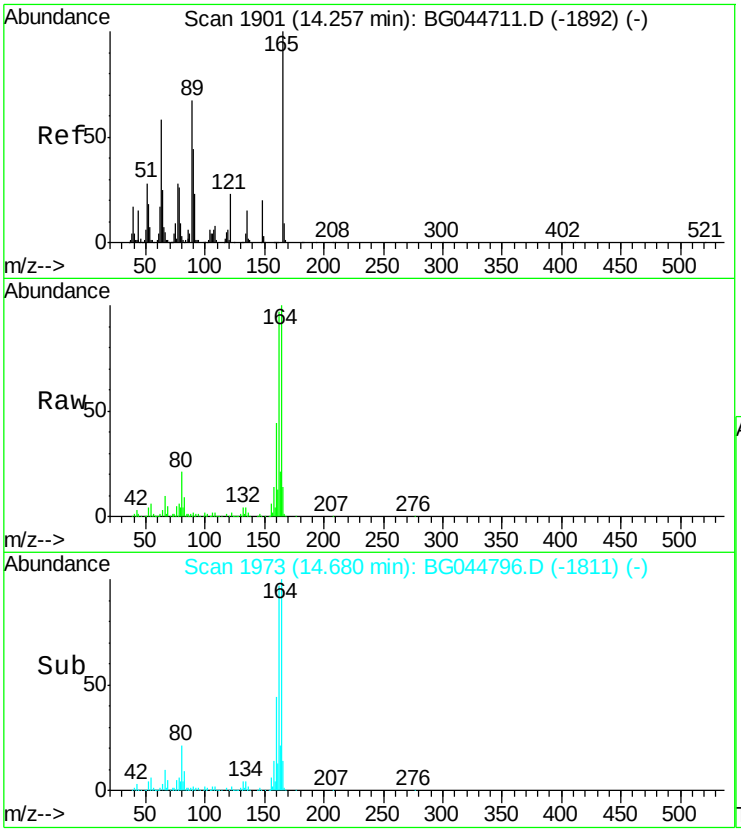


#50
Dimethylphthalate
Concen: 3.16 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:163 Resp: 75459

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.1	9.2	13.8#



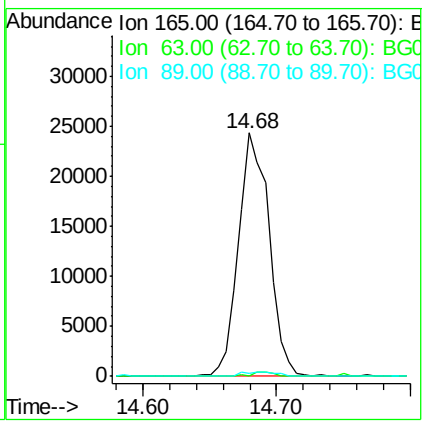


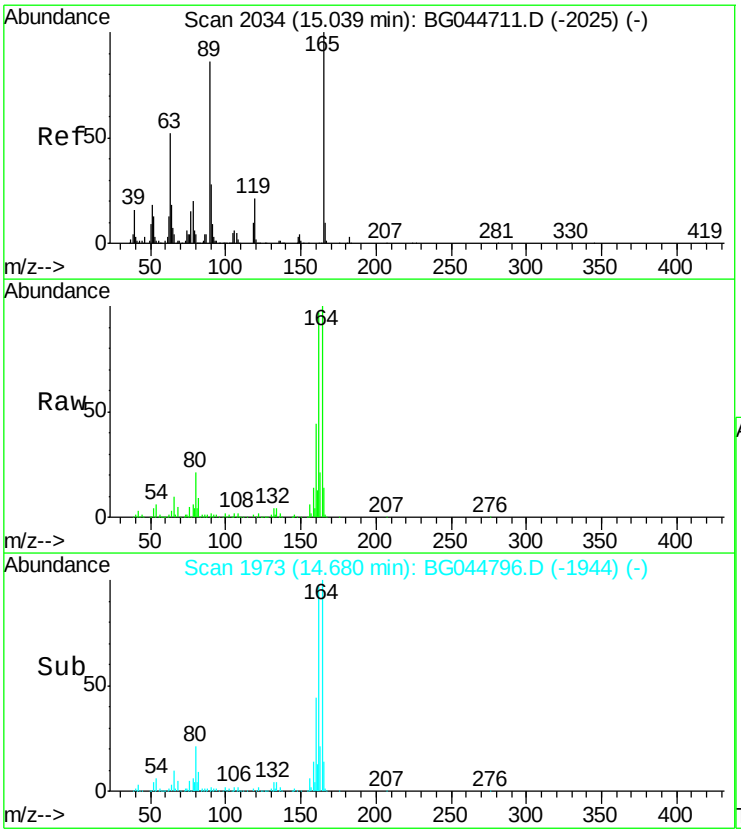
#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.42 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:165 Resp: 38602

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.4	53.8	80.8#

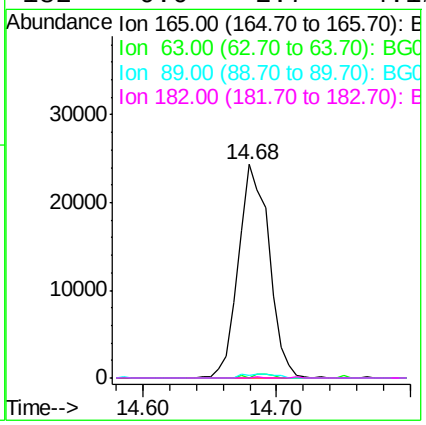


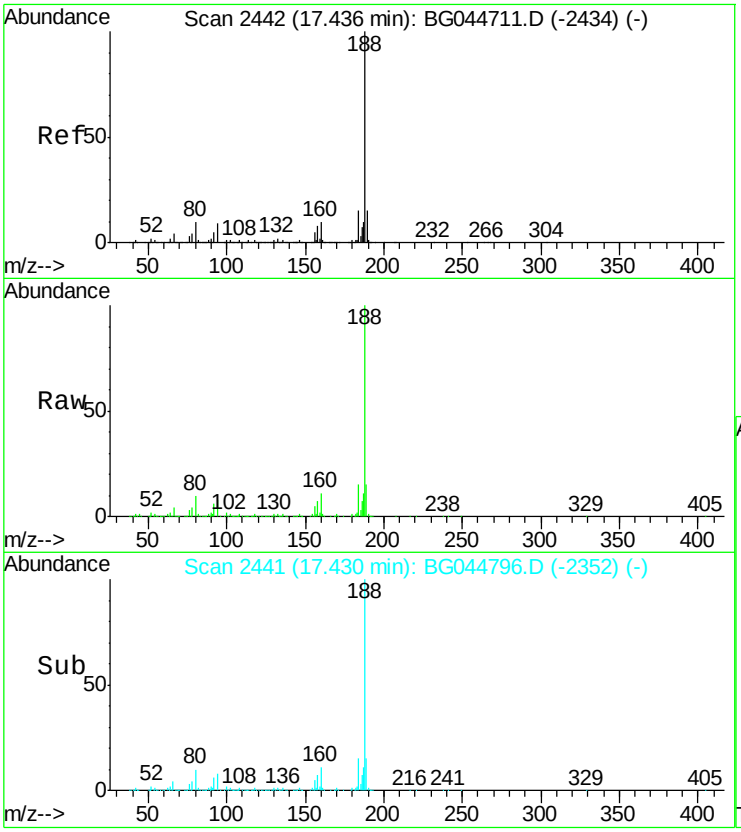


#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:165 Resp: 38602

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.5	62.3#
89	1.4	69.0	103.4#
182	0.0	2.7	4.1#



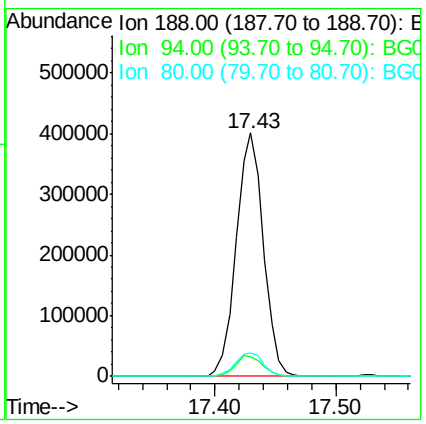


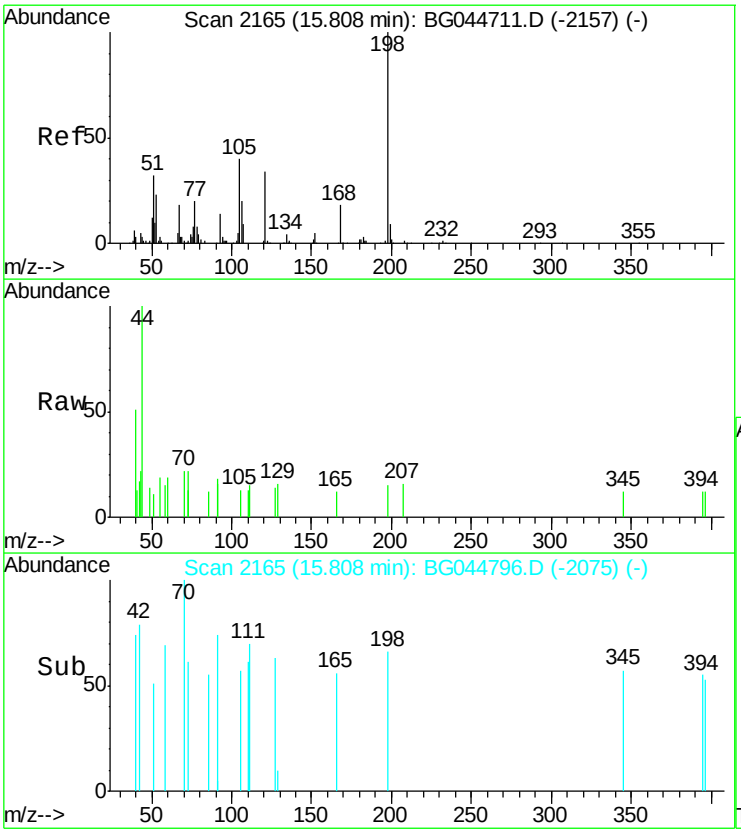
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:188 Resp: 625984

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.0	10.6
80	9.6	8.4	12.6

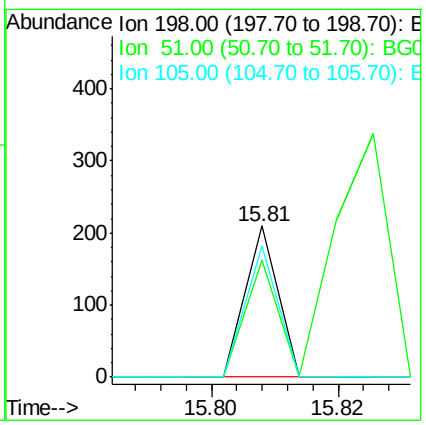


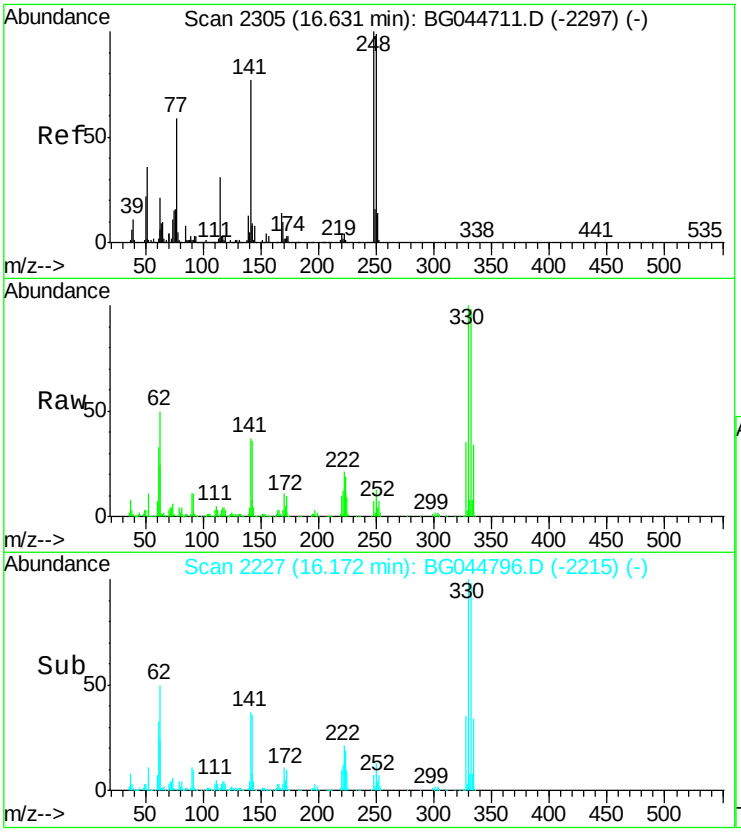


#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:198 Resp: 74

Ion	Ratio	Lower	Upper
198	100		
51	77.1	20.1	60.1#
105	86.2	21.3	61.3#



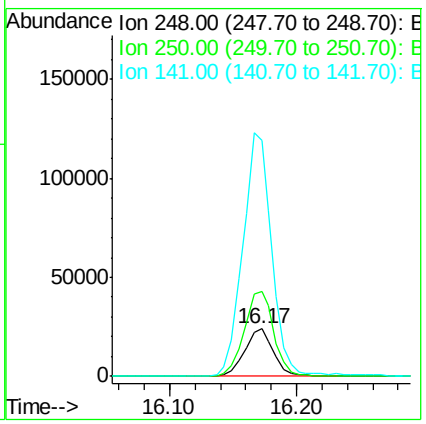


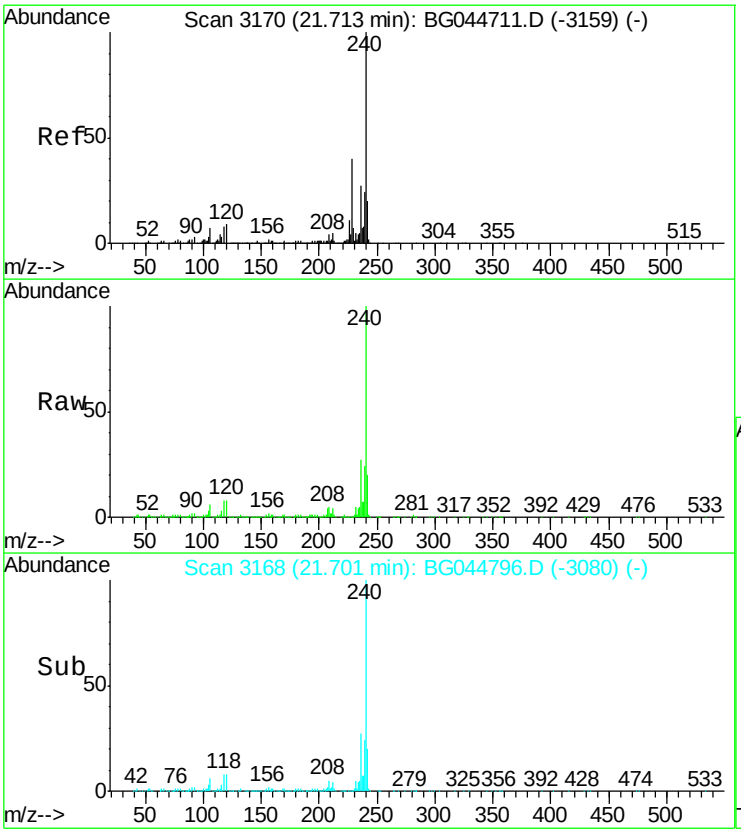
#67
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:248 Resp: 37187

Ion	Ratio	Lower	Upper
248	100		
250	179.1	79.4	119.0#
141	497.7	61.7	92.5#

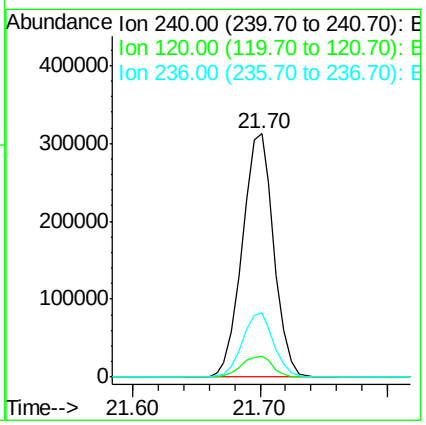


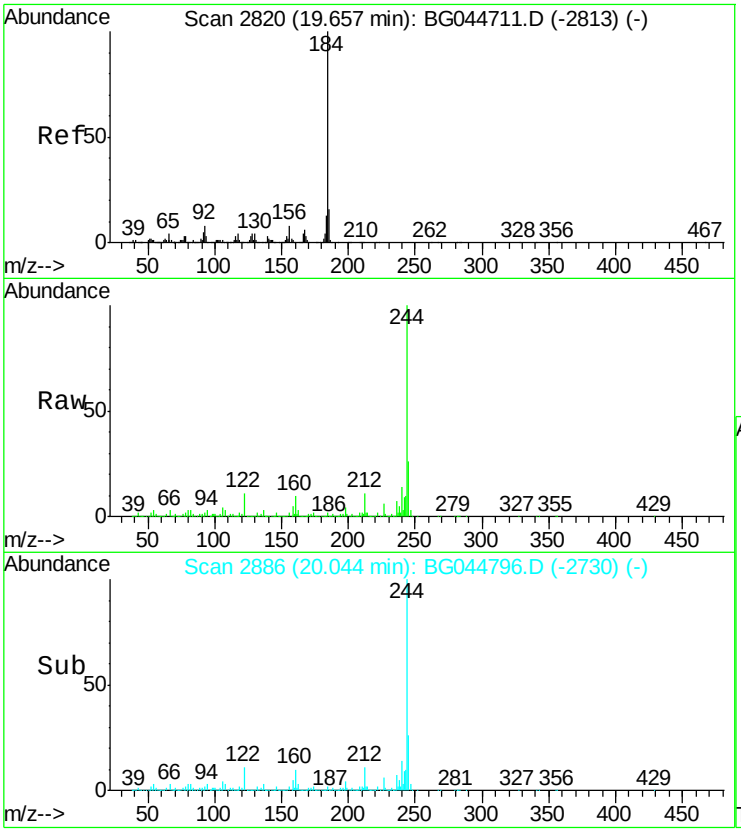


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:240 Resp: 537981

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.5	21.9	32.9



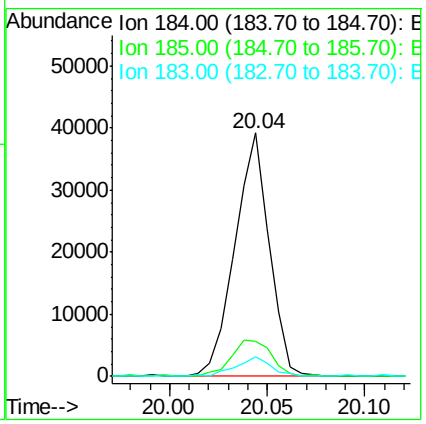


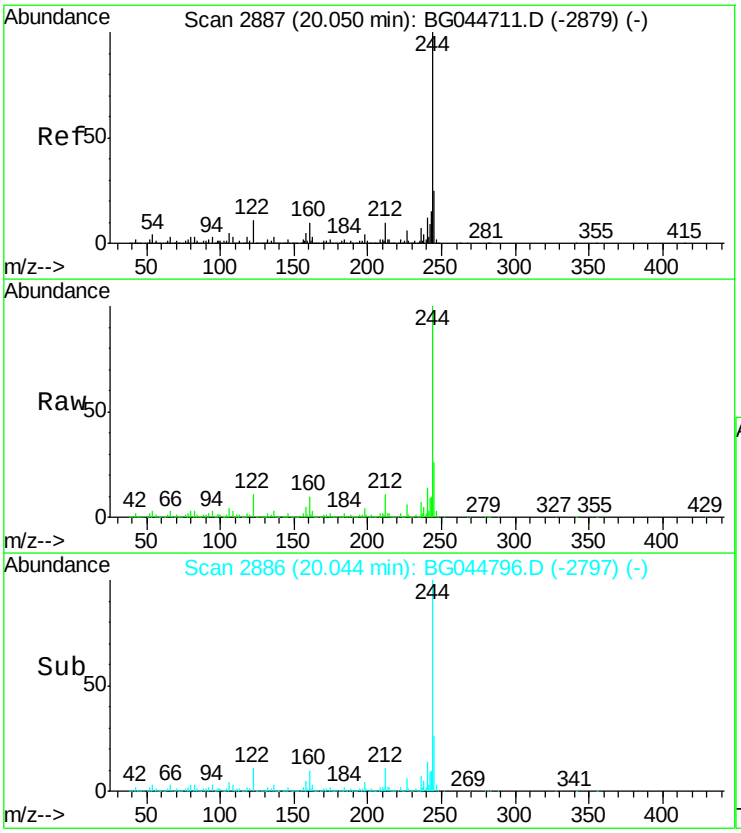
#77
Benzidine
Concen: 2.74 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:184 Resp: 47810

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.9	19.3
183	8.3	10.6	15.8#

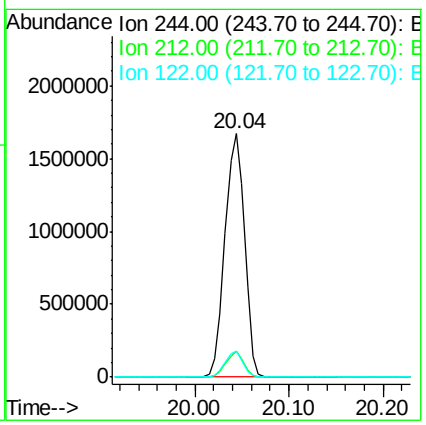


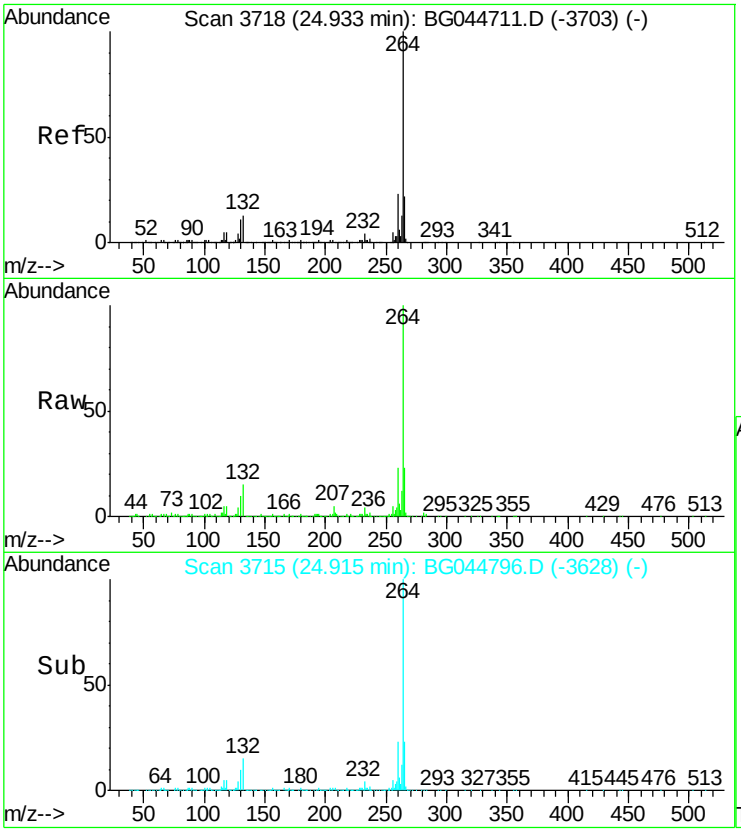


#79
Terphenyl-d14
Concen: 84.18 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044796.D
Acq: 14 Mar 2020 13:05

Tgt Ion:244 Resp: 2421107

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.4	12.6
122	10.7	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: BG044796.D
Acq: 14 Mar 2020 13:05

Instrument :
BNA_G
ClientSampleId :
MC5B42

Tgt Ion:264 Resp: 594789

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	23.3	17.4	26.2