Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044945.D
Acq On : 25 Mar 2020 2:01
Operator : CG/JU
Sample : L2014-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Time: Mar 25 08:08:41 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 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82133	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	307981	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	207280	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	439929	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	450573	20.00	ng		-0.01
87) Perylene-d12	24.89	264	505833	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	245622	46.55	ng		0.03
7) Phenol-d6	7.58	99	181412	23.66	ng		0.37
23) Nitrobenzene-d5	9.23	82	703255	100.20	ng		0.03
42) 2,4,6-Tribromophenol	16.17	330	288621	106.34	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1373881	94.92	ng		0.00
79) Terphenyl-d14	20.03	244	1929296	80.09	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.83	42	15795	5.53	ng	#	1
9) Benzaldehyde	7.18	77	1087	Below Cal		#	52
15) Benzyl Alcohol	8.26	79	255450	41.53	ng	#	35
16) 2,2'-oxybis(1-Chloropropan	8.40	45	2930234	274.14	ng		72
19) n-Nitroso-di-n-propylamine	9.23	70	98137	18.13	ng	#	76
26) 2-Nitrophenol	9.99	139	75	5.54	ng	#	1
32) Benzoic acid	10.30	122	15250	13.17	ng	#	27
50) Dimethylphthalate	14.13	163	61045	3.70	ng	#	95
54) 2,4-Dinitrophenol	14.76	184	72	8.36	ng	#	1
57) 2,4-Dinitrotoluene	14.67	165	27278	5.98	ng	#	24
62) 4-Nitroaniline	15.37	138	373190	91.48	ng	#	16
65) 4,6-Dinitro-2-methylphenol	15.80	198	119	7.78	ng	#	1
67) 4-Bromophenyl-phenylether	16.17	248	19252	3.50	ng	#	1
69) Atrazine	16.91	200	18319	3.78	ng	#	48

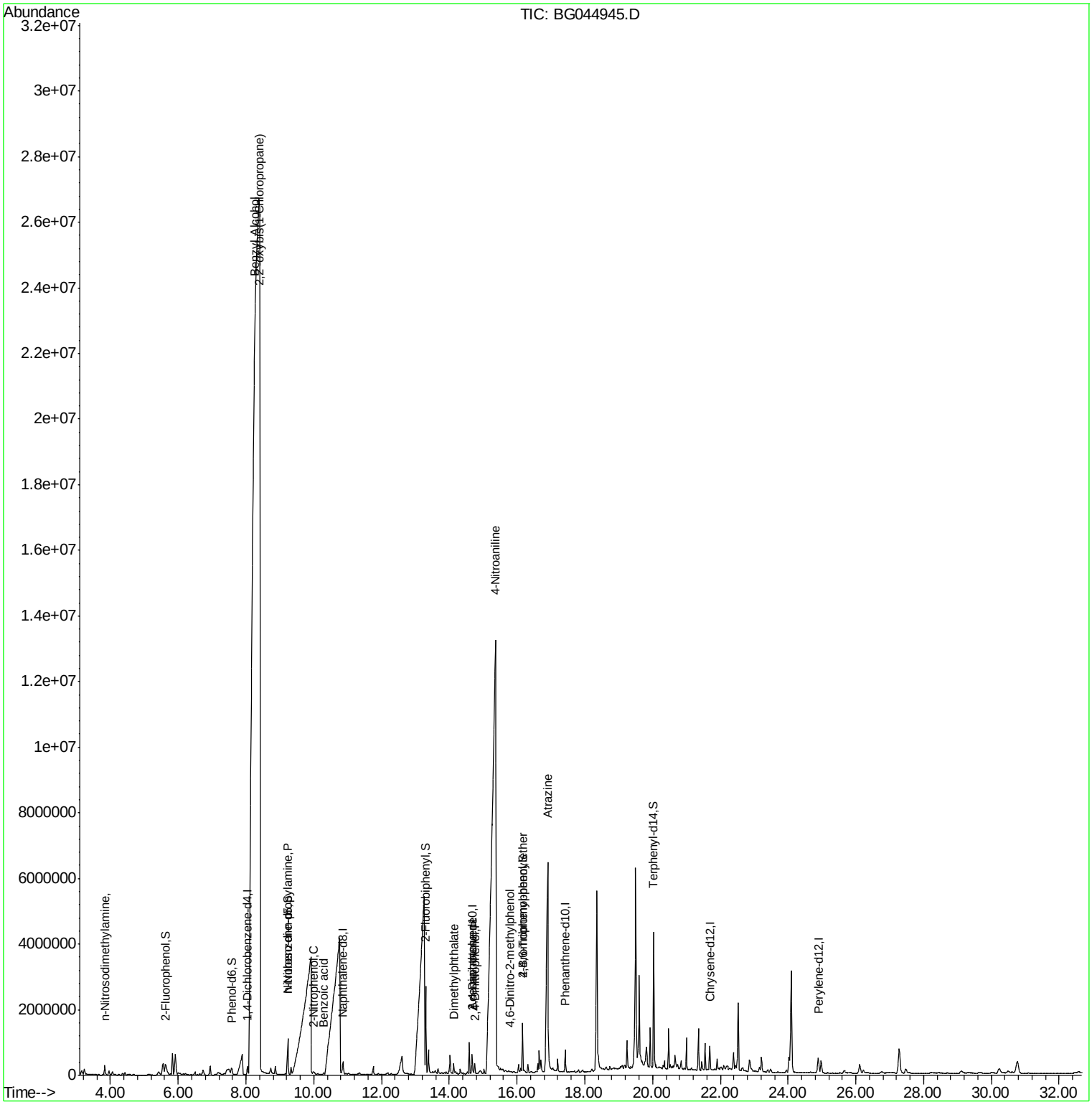
(#) = qualifier out of range (m) = manual integration (+) = signals summed

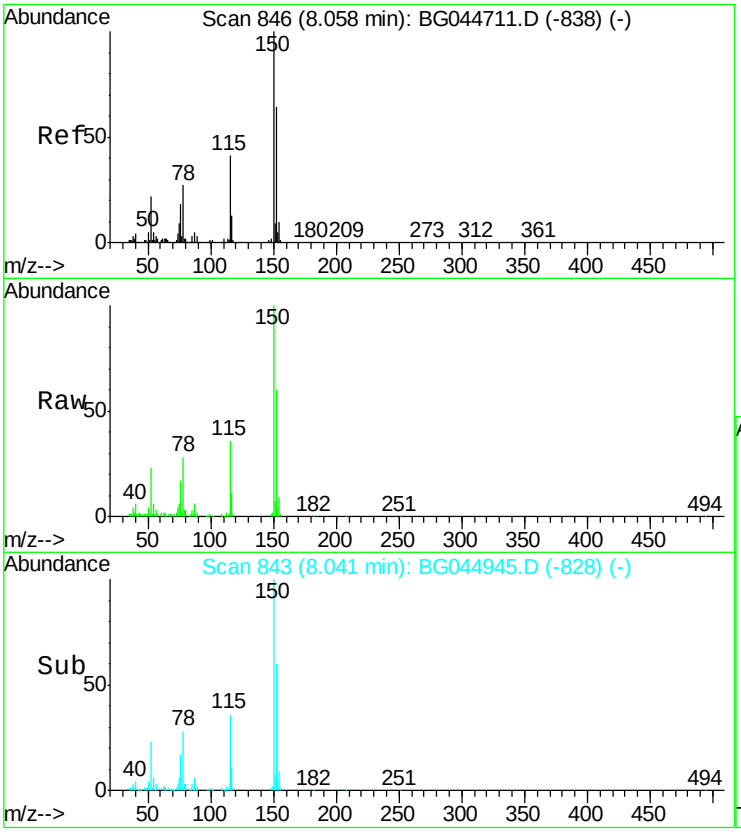
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044945.D
Acq On : 25 Mar 2020 2:01
Operator : CG/JU
Sample : L2014-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Quant Time: Mar 25 08:08:41 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 23 07:18:46 2020
Response via : Initial Calibration



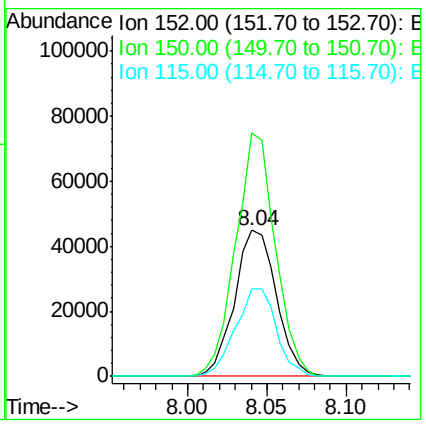


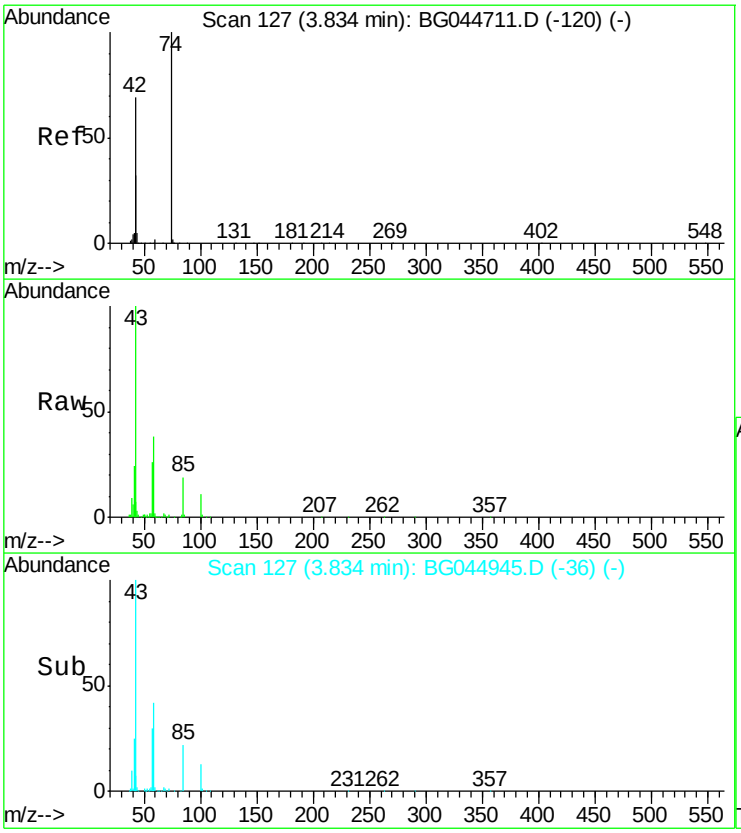
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 82133

Ion	Ratio	Lower	Upper
152	100		
150	166.9	128.8	193.2
115	60.1	52.6	79.0

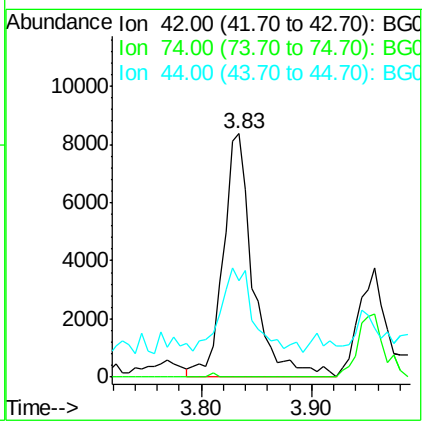


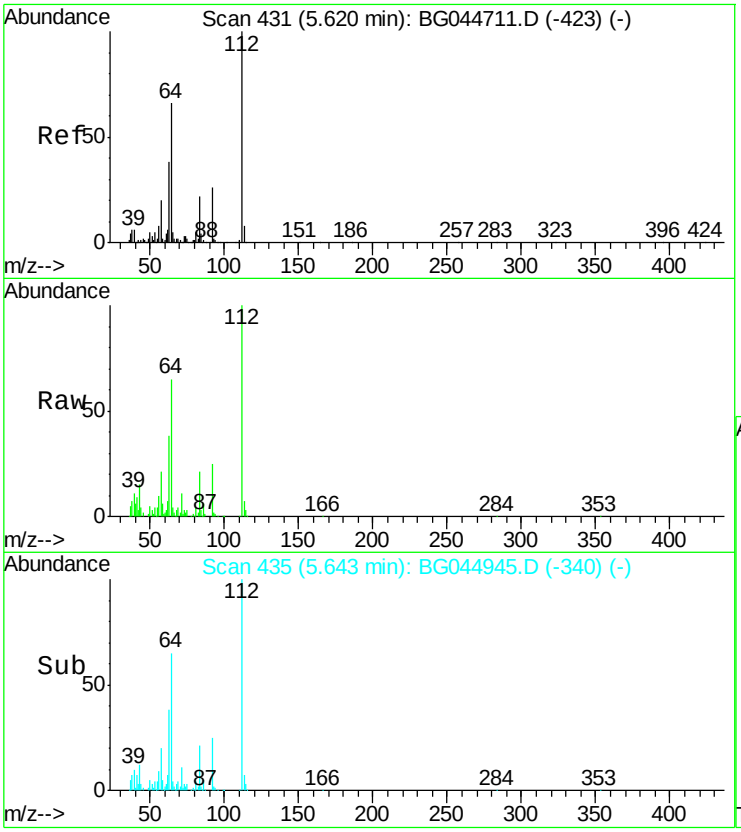


#4
n-Nitrosodimethylamine
Concen: 5.53 ng
RT: 3.83 min Scan# 127
Delta R.T. 0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion: 42 Resp: 15795

Ion	Ratio	Lower	Upper
42	100		
74	0.0	109.1	163.7#
44	39.8	5.4	8.2#



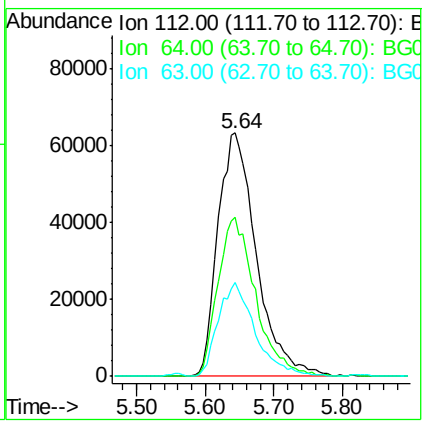


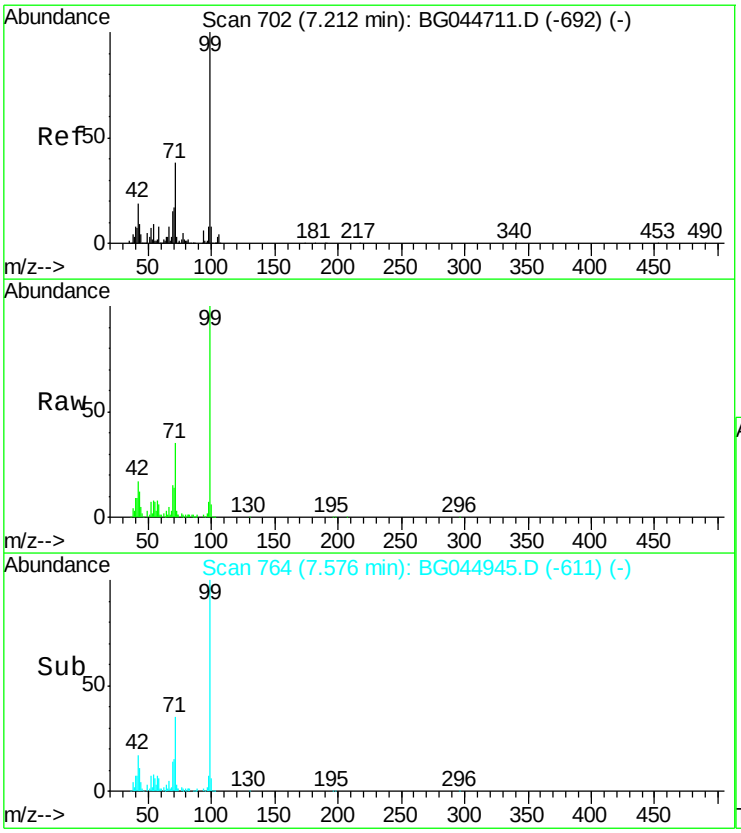
#5
2-Fluorophenol
Concen: 46.55 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.03 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:112 Resp: 245622

Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.4	80.2
63	38.4	29.4	44.2

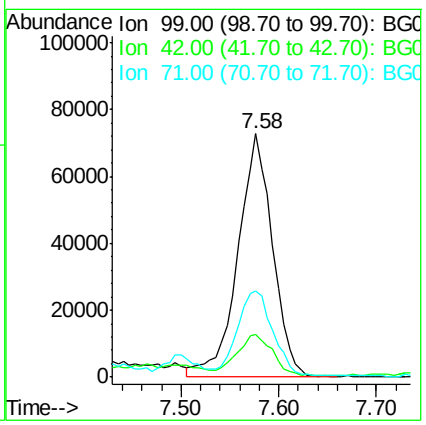


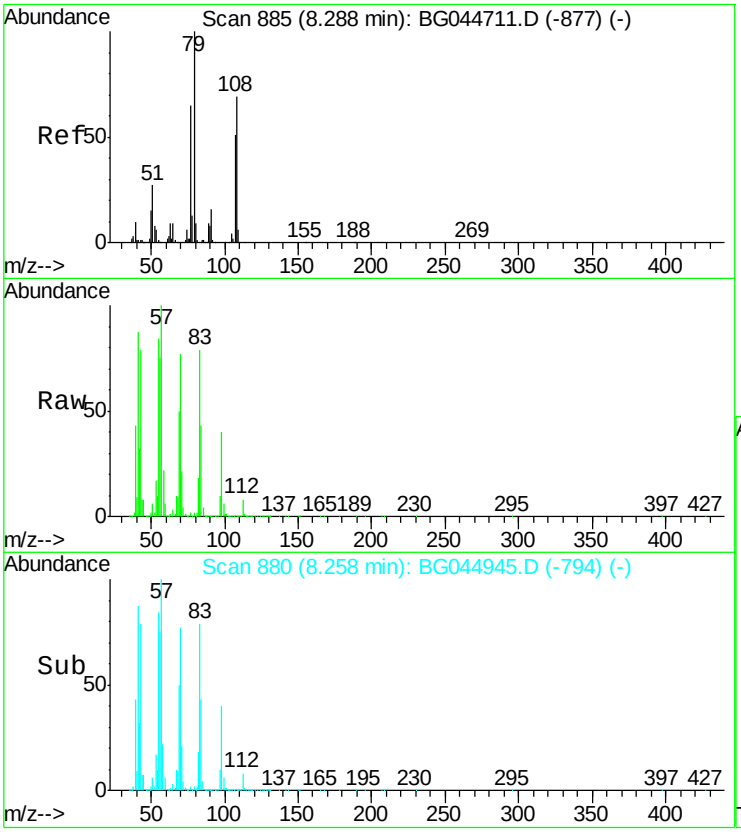


#7
Phenol-d6
Concen: 23.66 ng
RT: 7.58 min Scan# 764
Delta R.T. 0.37 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion: 99 Resp: 181412

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.6	19.0
71	35.3	29.0	43.4



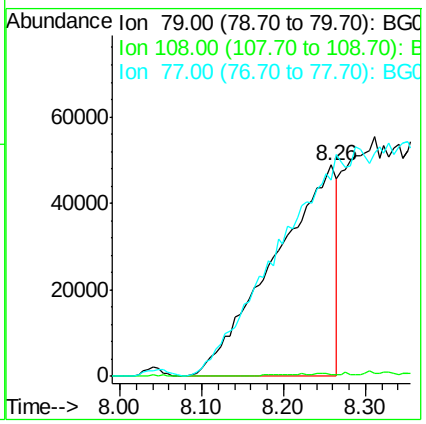


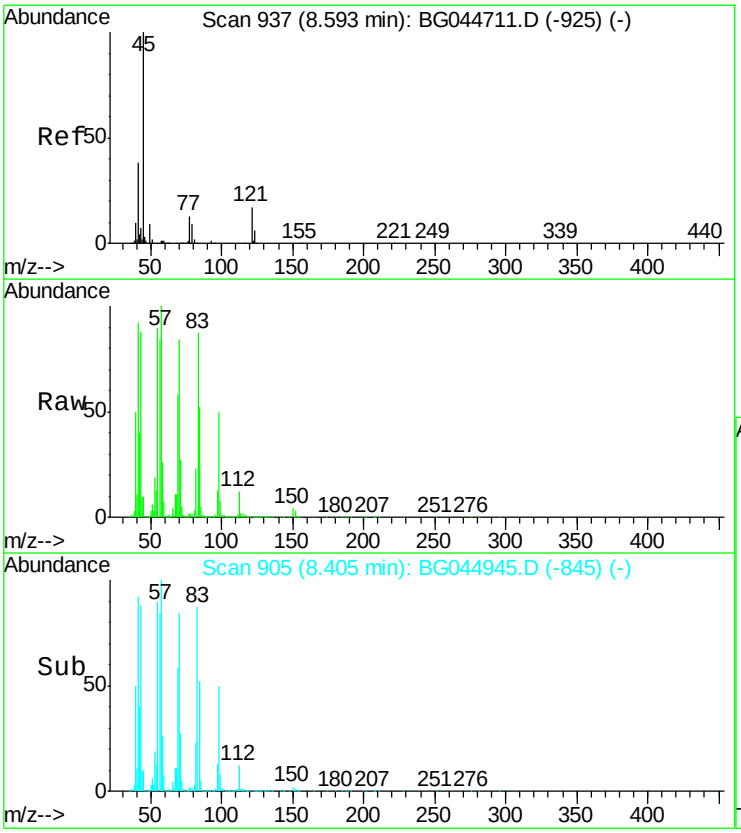
#15
Benzyl Alcohol
Concen: 41.53 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion: 79 Resp: 255450

Ion	Ratio	Lower	Upper
79	100		
108	0.7	53.8	80.8#
77	93.3	47.8	71.8#

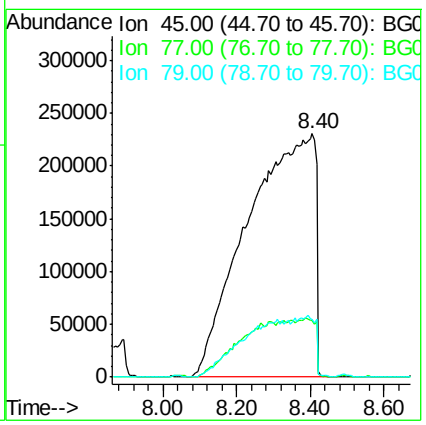


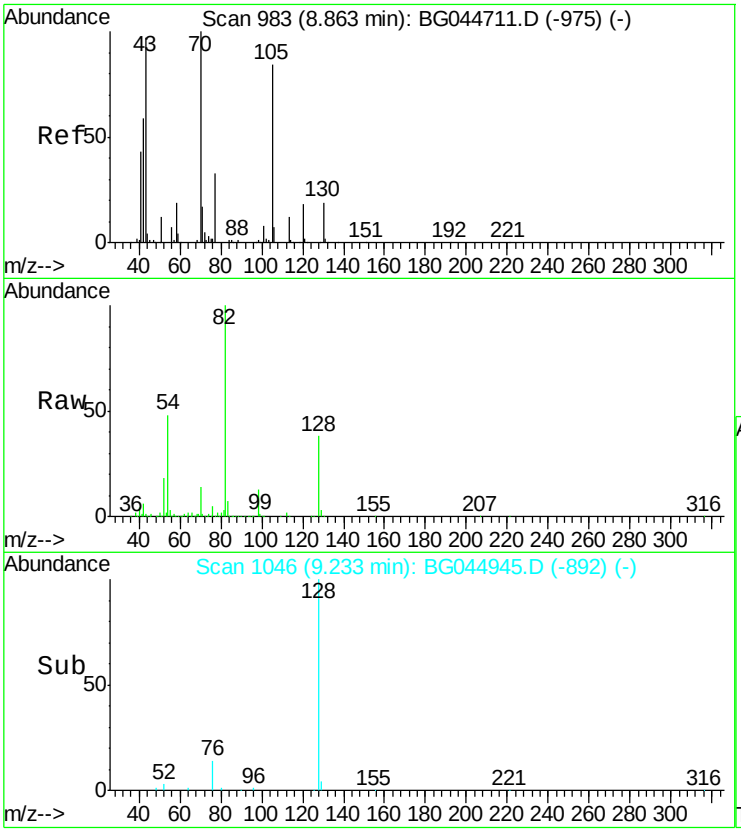


#16
2,2'-oxybis(1-Chloropropane)
Concen: 274.14 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.18 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion: 45 Resp: 2930234

Ion	Ratio	Lower	Upper
45	100		
77	23.2	0.0	33.9
79	23.8	0.0	30.8



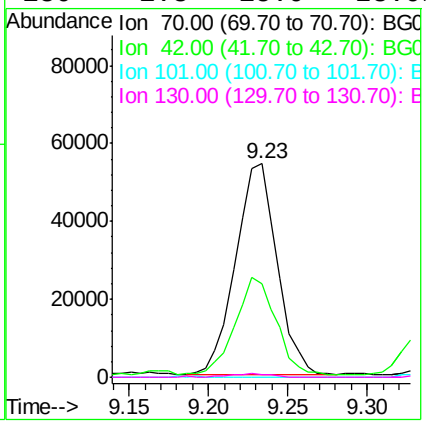


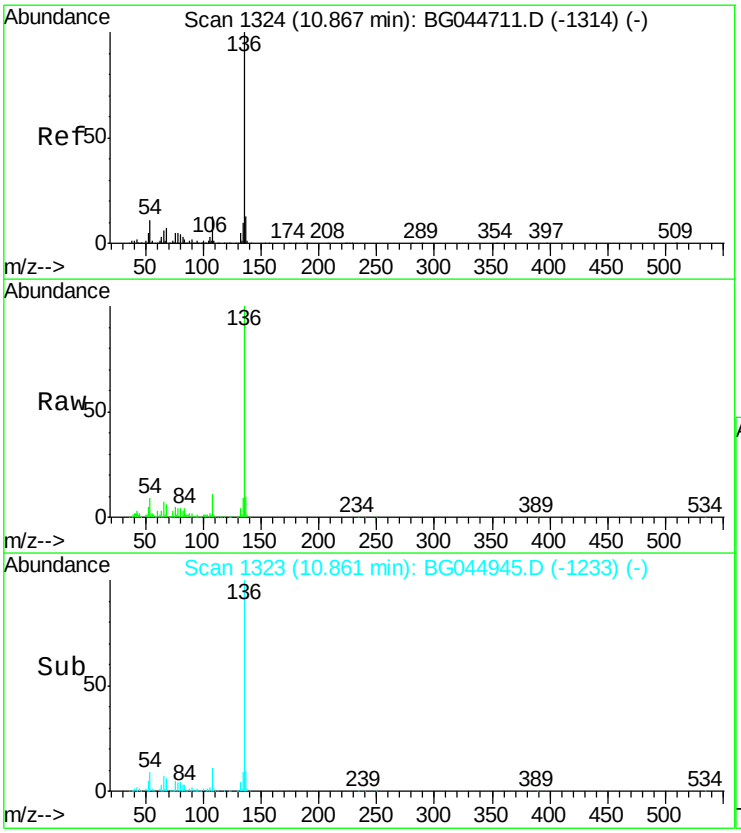
#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.38 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion: 70 Resp: 98137

Ion	Ratio	Lower	Upper
70	100		
42	43.9	45.7	68.5#
101	0.3	7.4	11.2#
130	1.3	15.9	23.9#

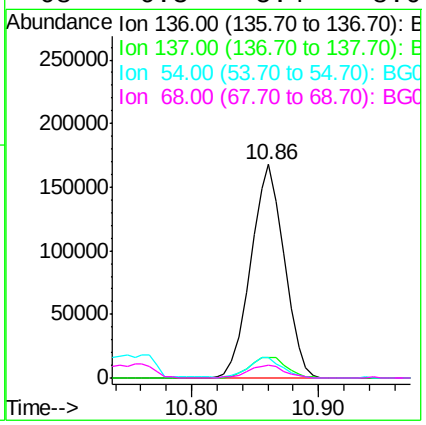


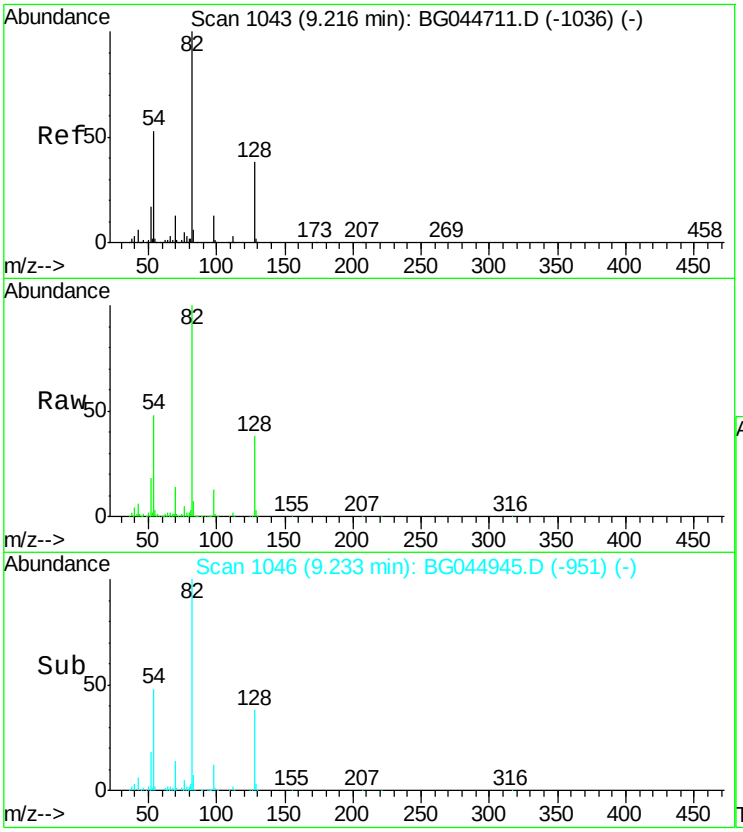


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:136 Resp: 307981

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.8	14.6
54	9.3	7.9	11.9
68	6.3	5.4	8.0



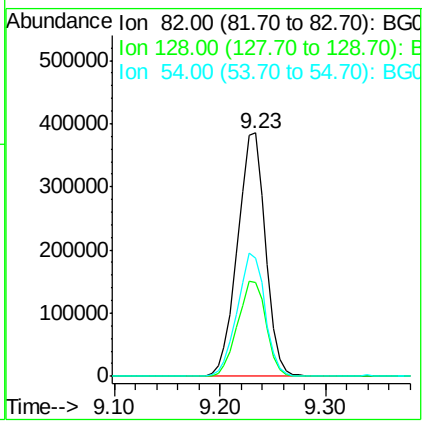


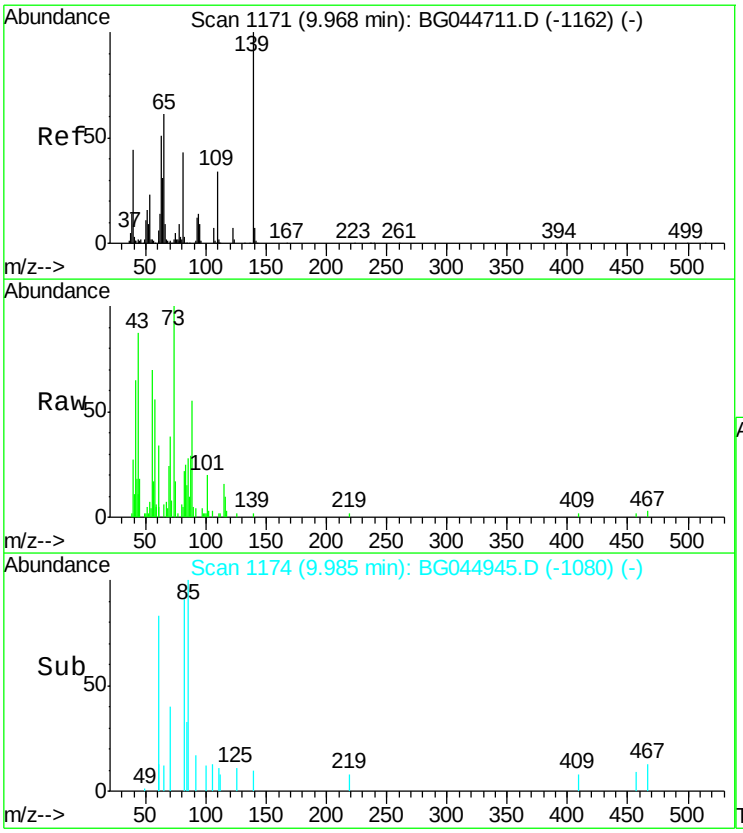
#23
Nitrobenzene-d5
Concen: 100.20 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.03 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion: 82 Resp: 703255

Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.6	46.0
54	48.5	37.1	55.7

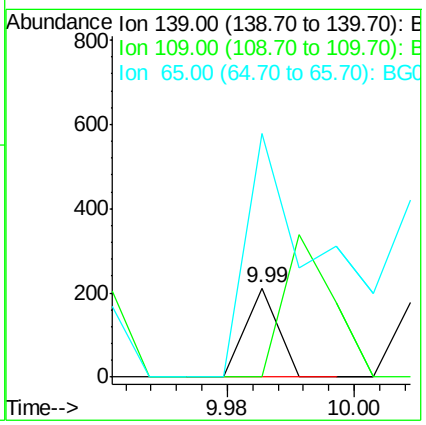


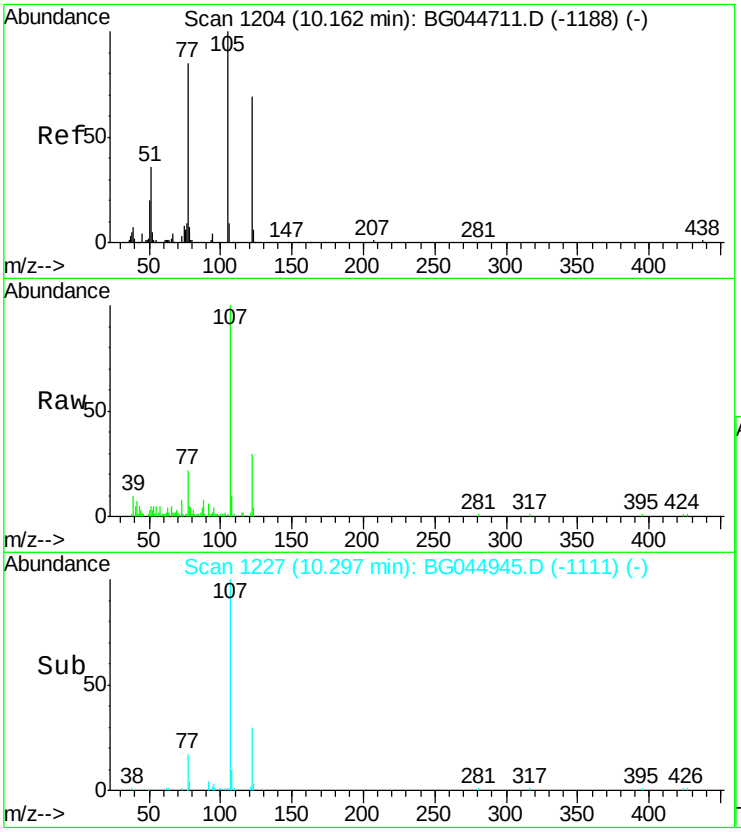


#26
2-Nitrophenol
Concen: 5.54 ng
RT: 9.99 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:139 Resp: 75

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	272.6	46.3	69.5#



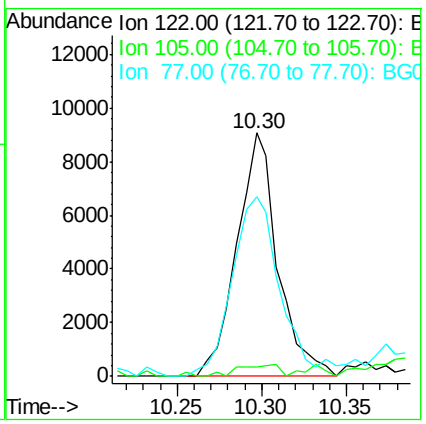


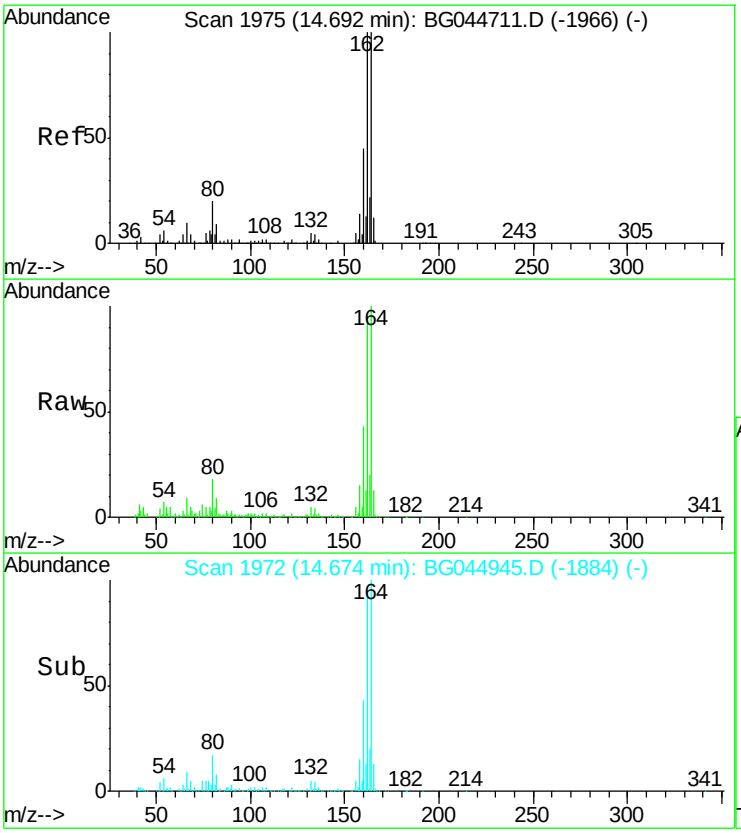
#32
Benzoic acid
Concen: 13.17 ng
RT: 10.30 min Scan# 1227
Delta R.T. 0.15 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:122 Resp: 15250

Ion	Ratio	Lower	Upper
122	100		
105	3.7	109.1	149.1#
77	74.0	85.3	125.3#

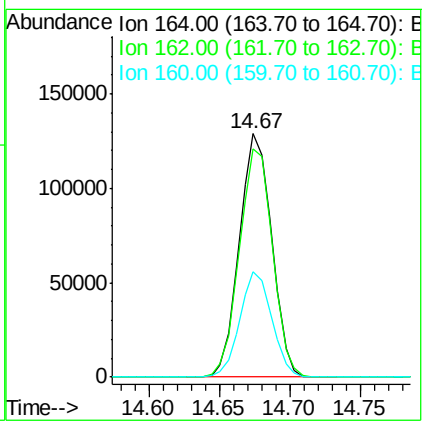


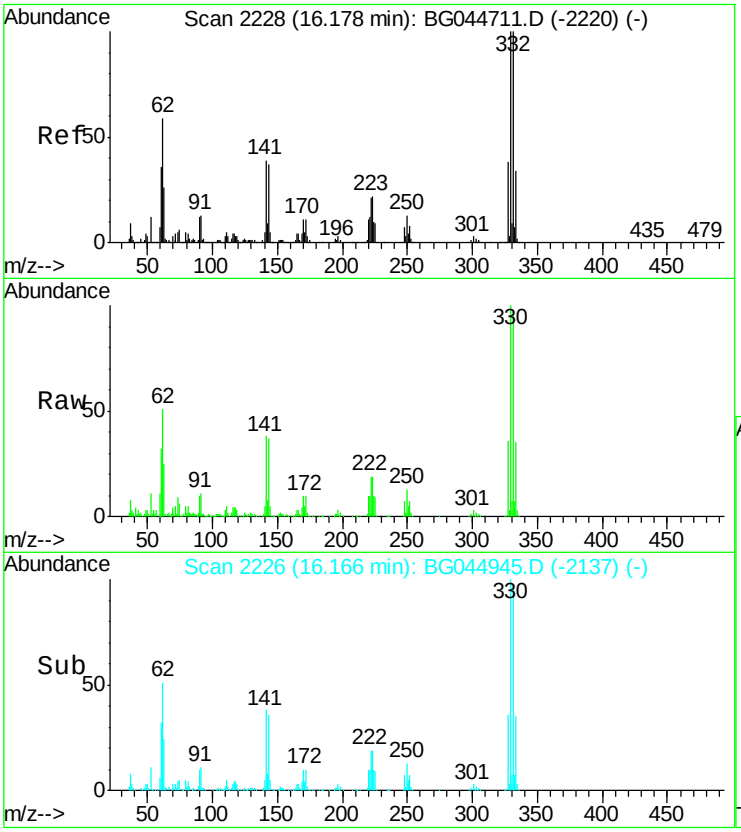


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:164 Resp: 207280

Ion	Ratio	Lower	Upper
164	100		
162	93.9	76.7	115.1
160	43.2	35.0	52.4



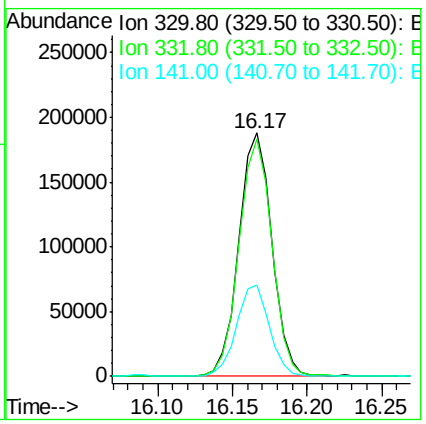


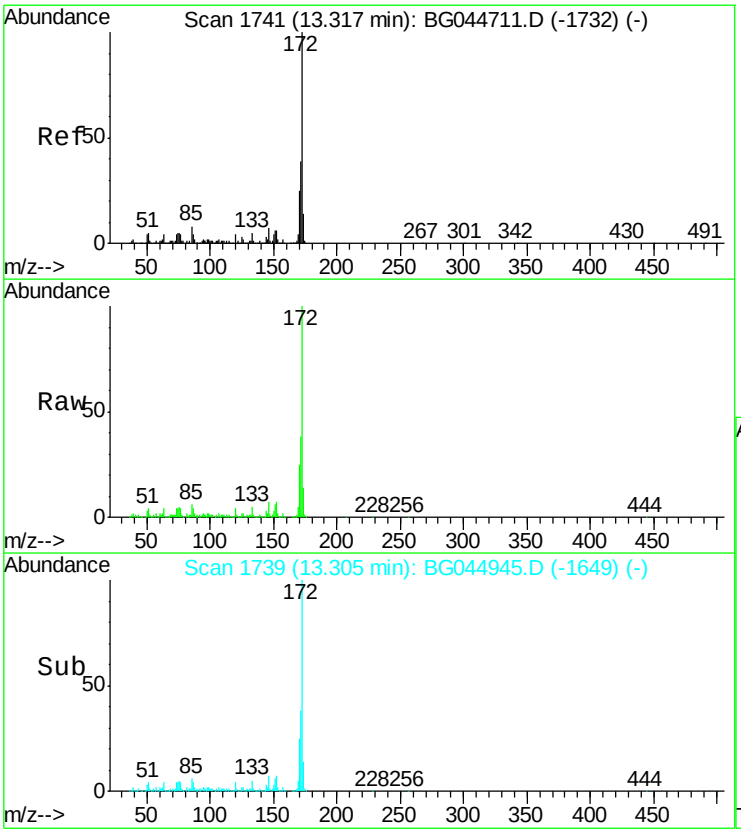
#42
2,4,6-Tribromophenol
Concen: 106.34 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:330 Resp: 288621

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	37.8	29.5	44.3

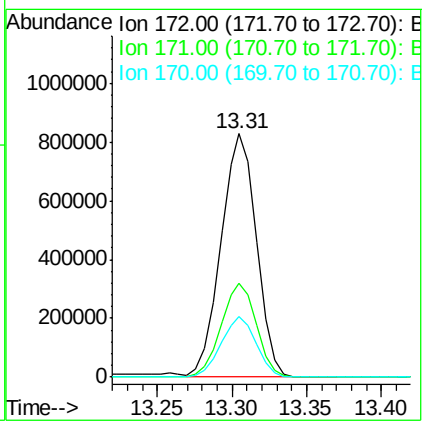


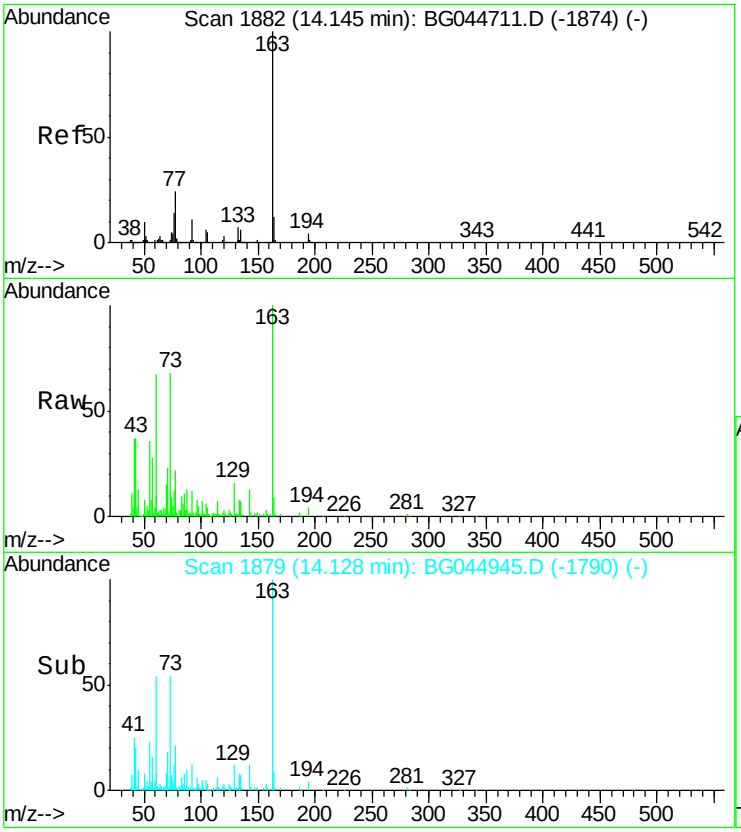


#45
2-Fluorobiphenyl
Concen: 94.92 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:172 Resp: 1373881

Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.7	43.1
170	25.0	19.0	28.6



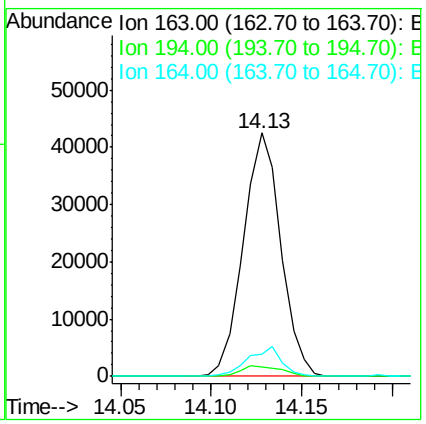


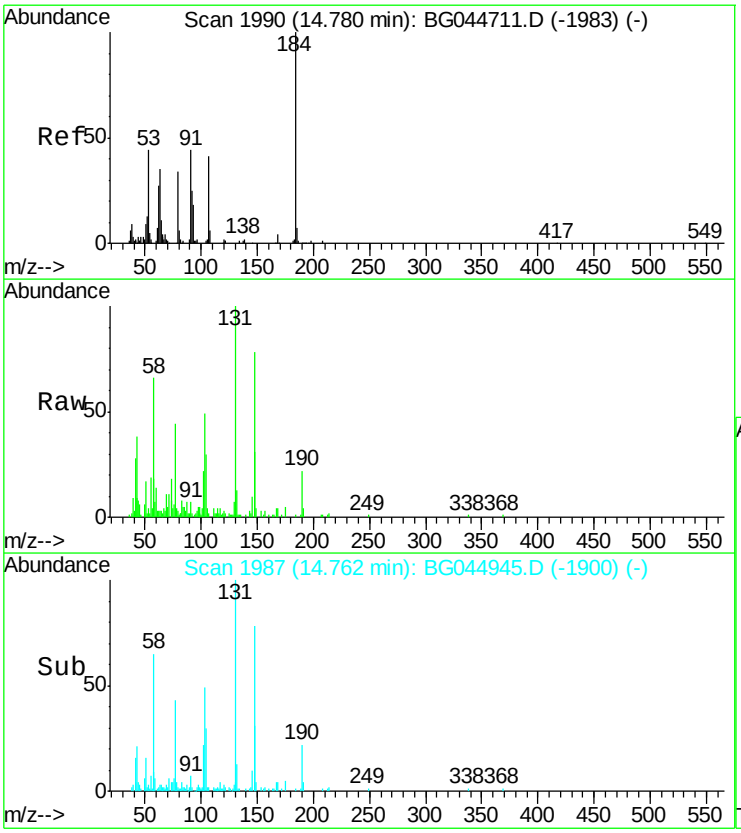
#50
Dimethylphthalate
Concen: 3.70 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:163 Resp: 61045

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.7	5.5
164	9.0	9.1	13.7#

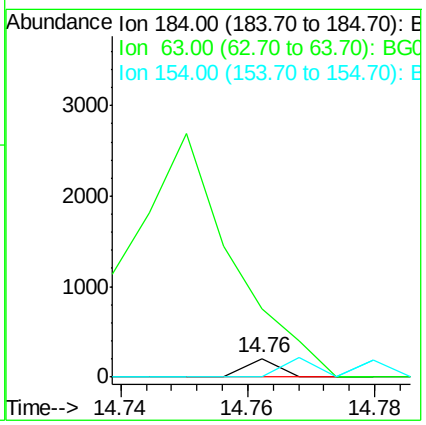


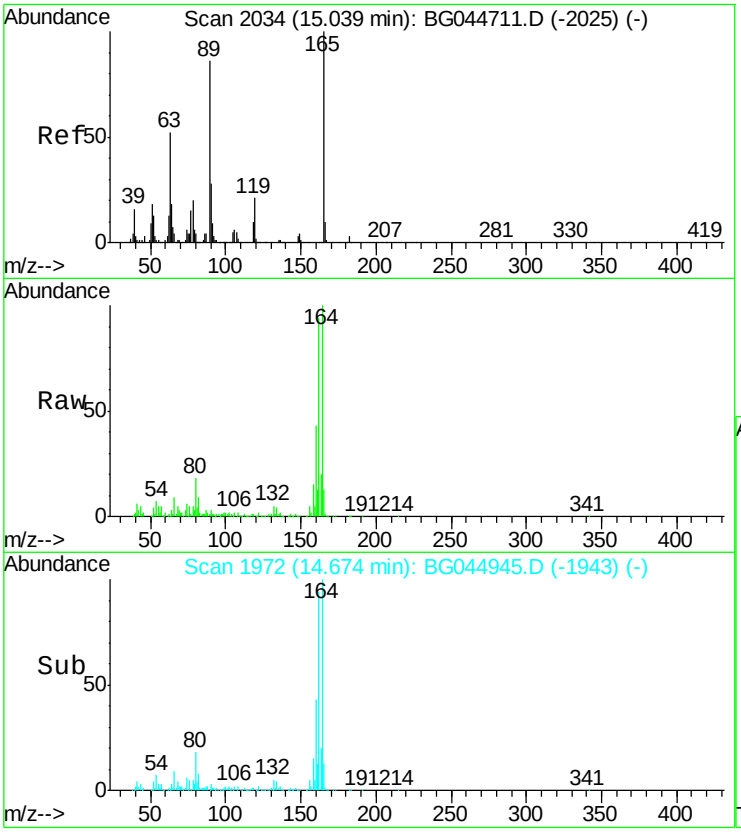


#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:184 Resp: 72

Ion	Ratio	Lower	Upper
184	100		
63	374.4	45.5	68.3#
154	0.0	49.1	73.7#



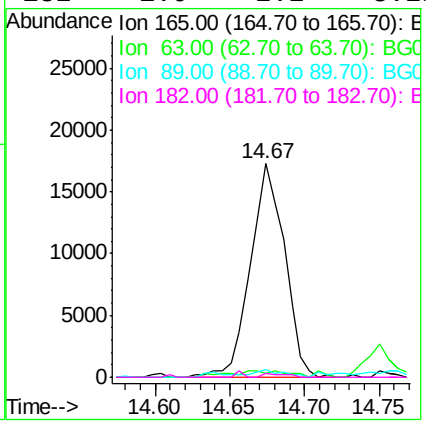


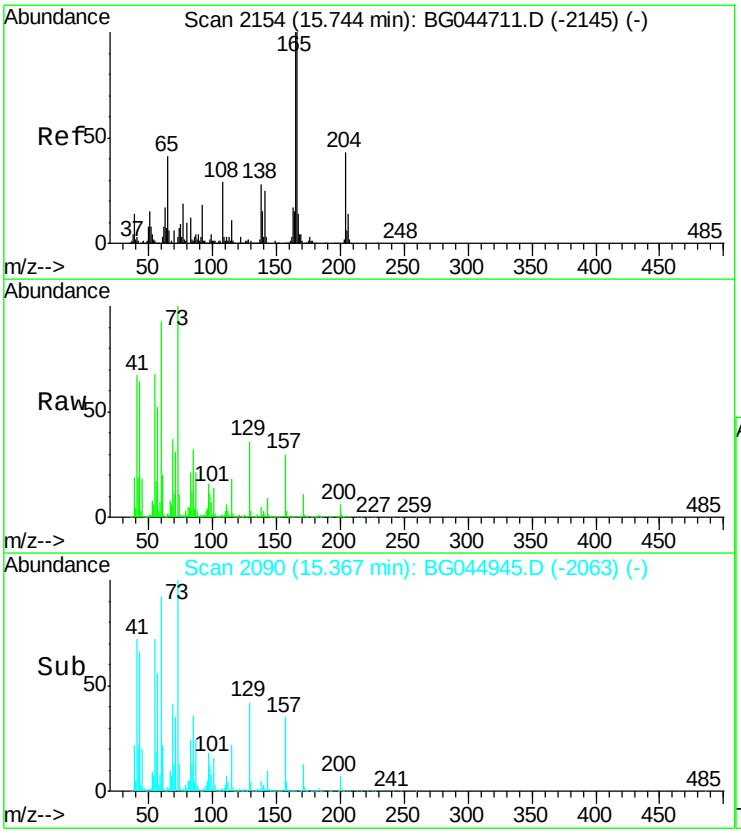
#57
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:165 Resp: 27278

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	3.8	61.3	91.9#
182	1.9	2.2	3.2#

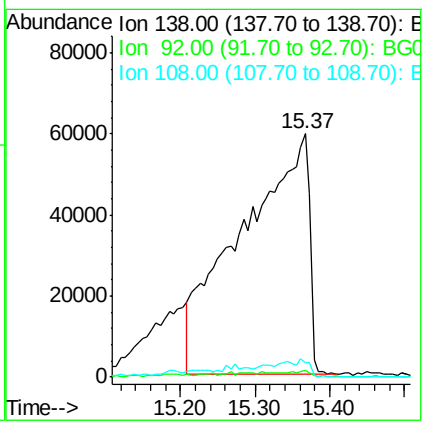


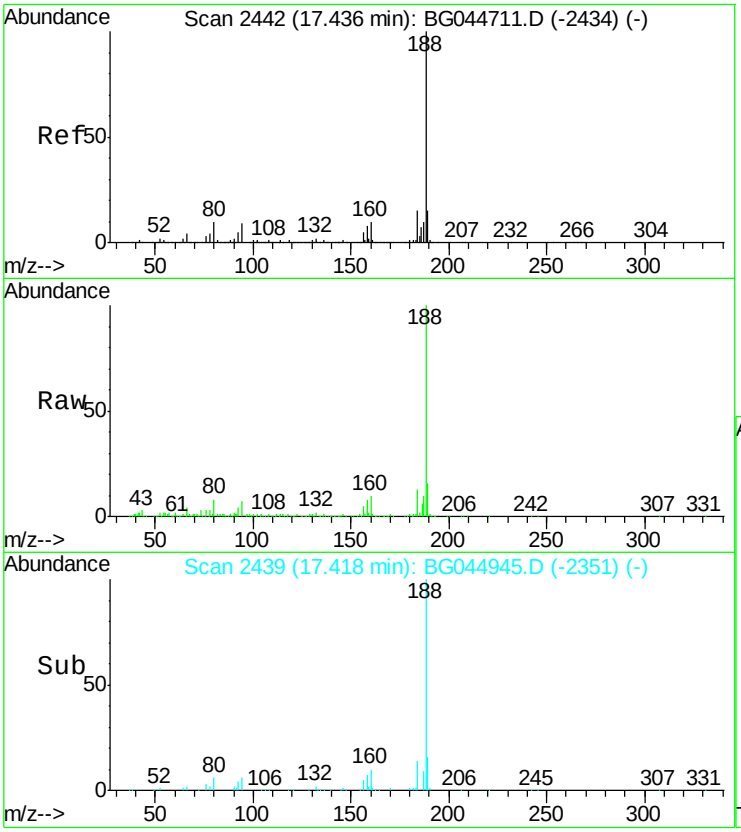


#62
4-Nitroaniline
Concen: 91.48 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.37 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:138 Resp: 373190

Ion	Ratio	Lower	Upper
138	100		
92	2.9	34.5	74.5#
108	6.2	74.5	114.5#



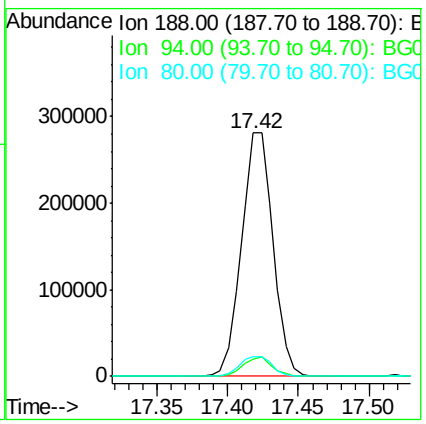


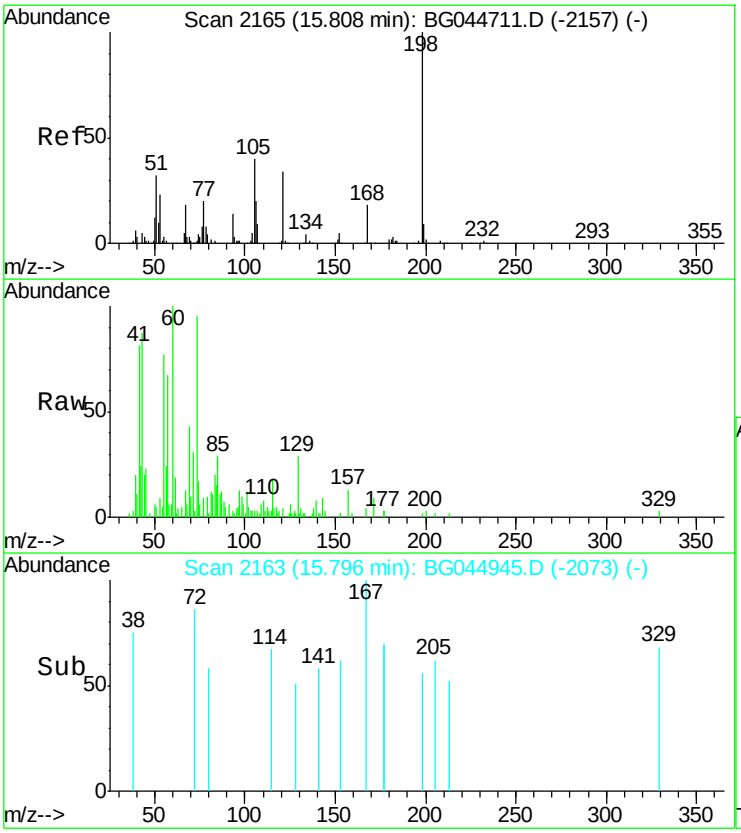
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:188 Resp: 439929

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.3	10.9#
80	8.1	8.0	12.0

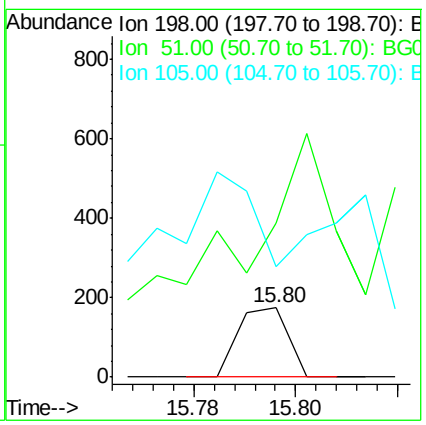


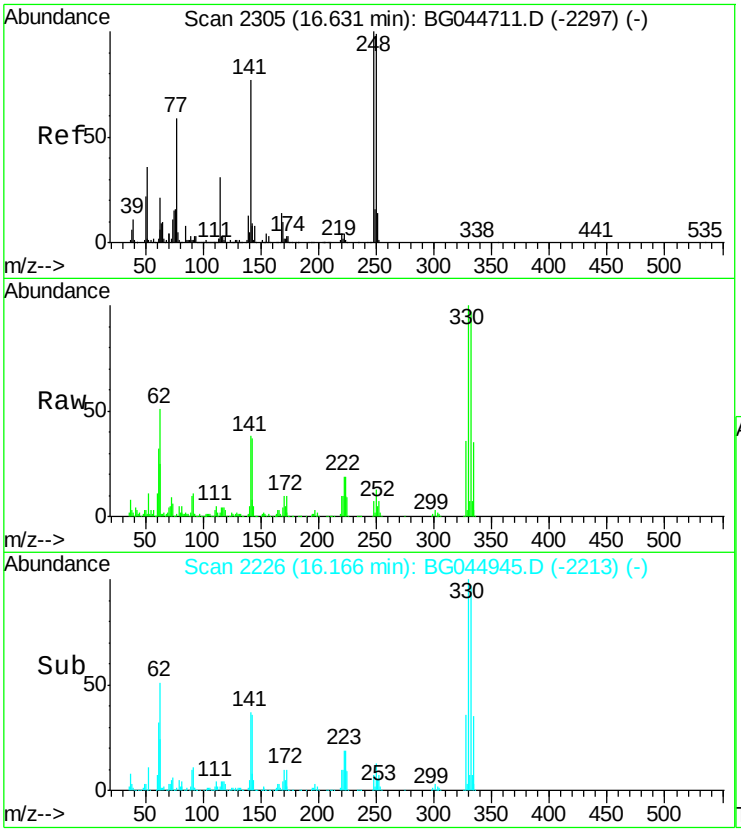


#65
4,6-Dinitro-2-methylphenol
Concen: 7.78 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	223.6	21.1	61.1#
105	159.2	24.5	64.5#



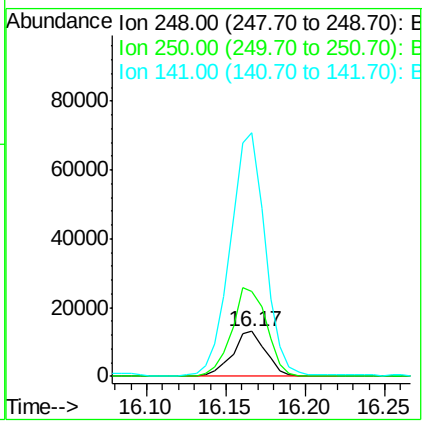


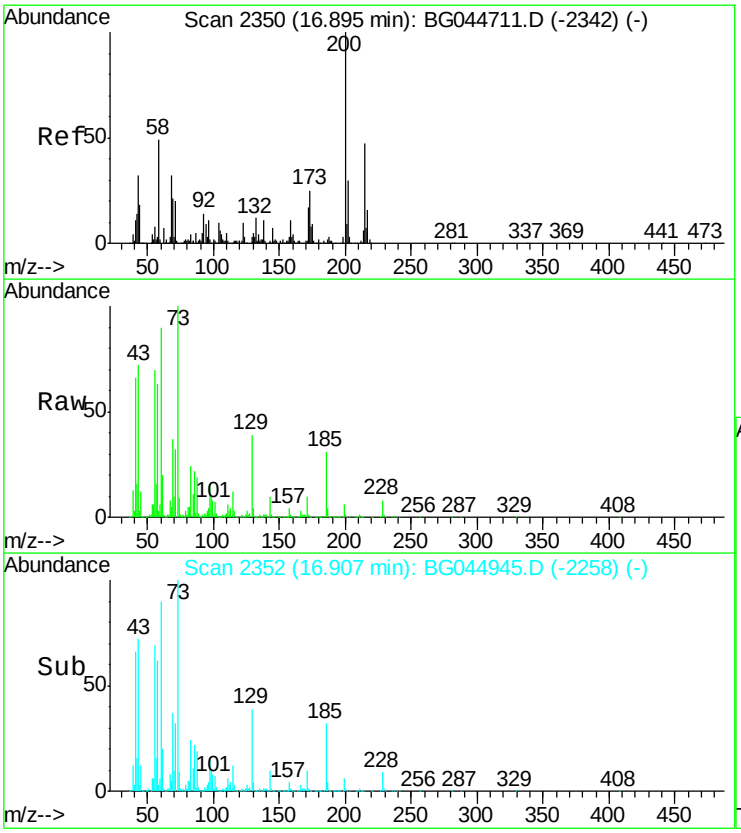
#67
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.45 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:248 Resp: 19252

Ion	Ratio	Lower	Upper
248	100		
250	190.8	77.9	116.9#
141	545.2	57.5	86.3#

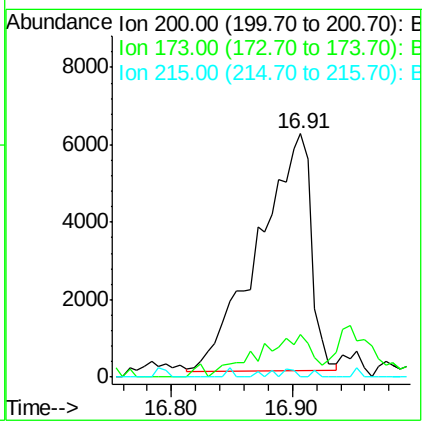


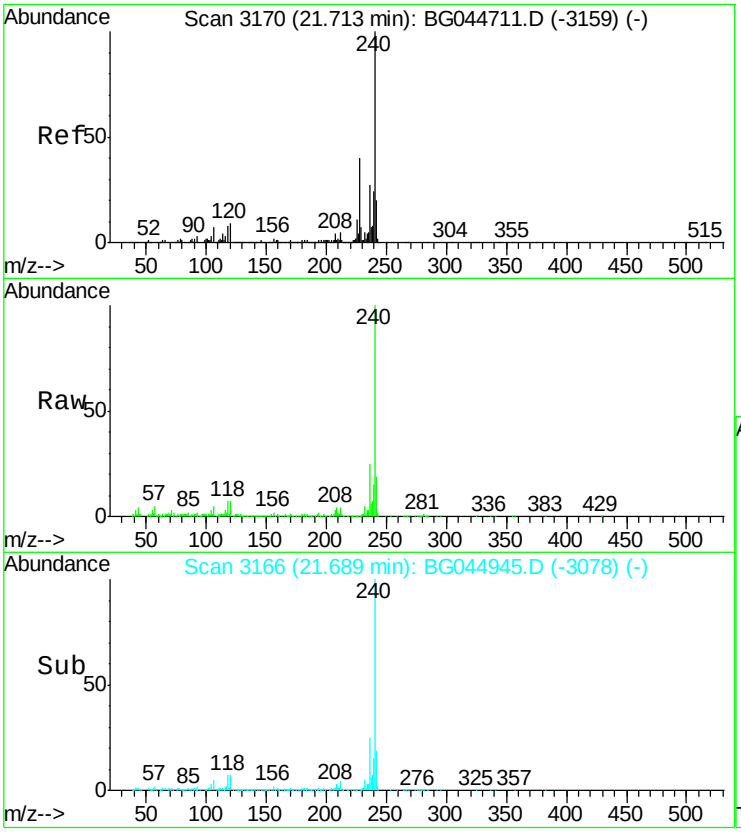


#69
Atrazine
Concen: 3.78 ng
RT: 16.91 min Scan# 2352
Delta R.T. 0.02 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:200 Resp: 18319

Ion	Ratio	Lower	Upper
200	100		
173	17.8	5.3	45.3
215	0.0	28.9	68.9#



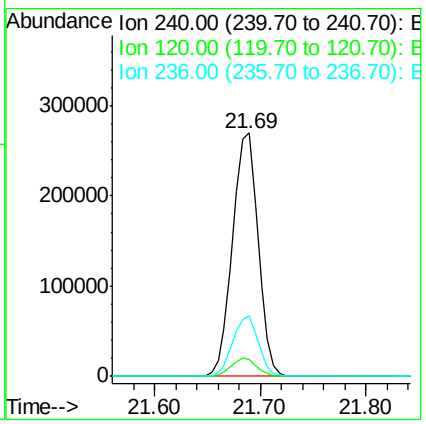


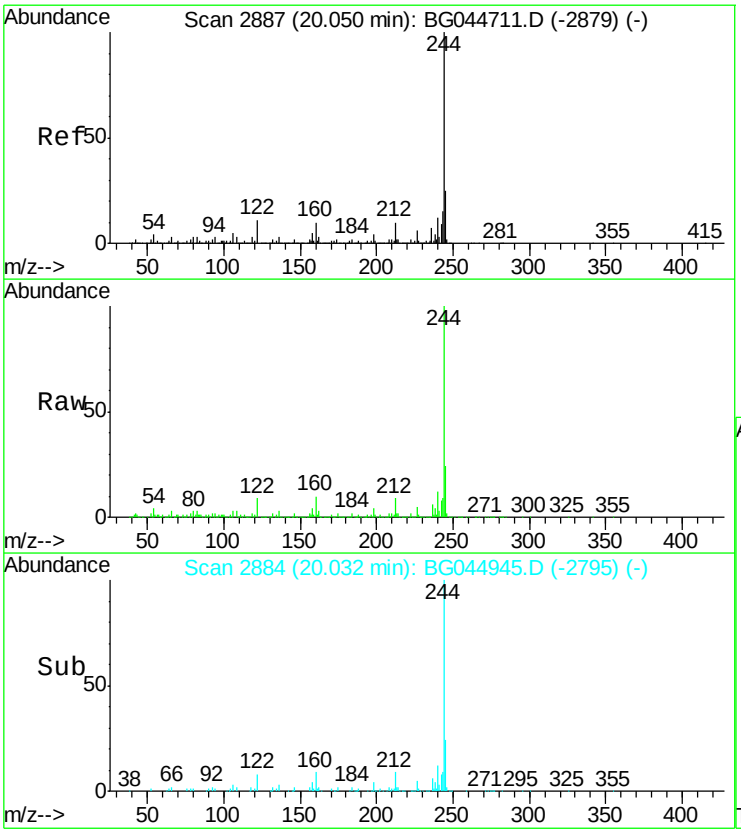
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:240 Resp: 450573

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.7	10.1
236	24.7	21.5	32.3

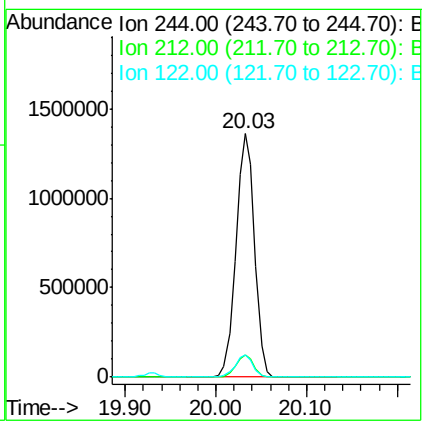


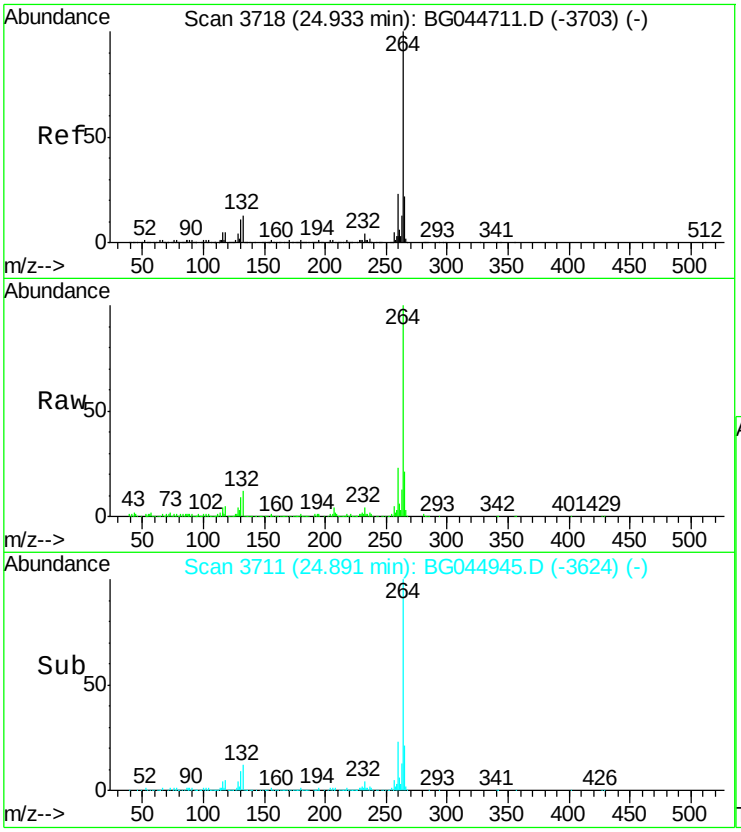


#79
Terphenyl-d14
Concen: 80.09 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044945.D
Acq: 25 Mar 2020 2:01

Tgt Ion:244 Resp: 1929296

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.7	11.5
122	9.0	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: BG044945.D
Acq: 25 Mar 2020 2:01

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 505833

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.1	27.1
265	21.0	17.1	25.7