Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044858.D
Acq On : 18 Mar 2020 9:40
Operator : CG/JU
Sample : PB127536TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 18 11:48:25 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	83115	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	336552	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	231696	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	531200	20.00	ng	0.00
76) Chrysene-d12	21.69	240	484297	20.00	ng	-0.01
87) Perylene-d12	24.89	264	534329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	547392	102.52	ng	0.00
7) Phenol-d6	7.20	99	767268	98.91	ng	0.00
23) Nitrobenzene-d5	9.20	82	497519	64.87	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	333774	110.02	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1090399	67.39	ng	0.00
79) Terphenyl-d14	20.03	244	1791454	69.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	734	Below Cal	#	16
19) n-Nitroso-di-n-propylamine	9.20	70	67029	12.237	ng	# 72
26) 2-Nitrophenol	10.01	139	85	5.542	ng	# 28
32) Benzoic acid	10.29	122	55	9.681	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	29628	7.965	ng	# 21
54) 2,4-Dinitrophenol	14.70	184	71	8.355	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	29628	5.808	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.16	198	1246	8.146	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	22800	3.433	ng	# 1
77) Benzidine	20.03	184	31808	2.023	ng	# 90

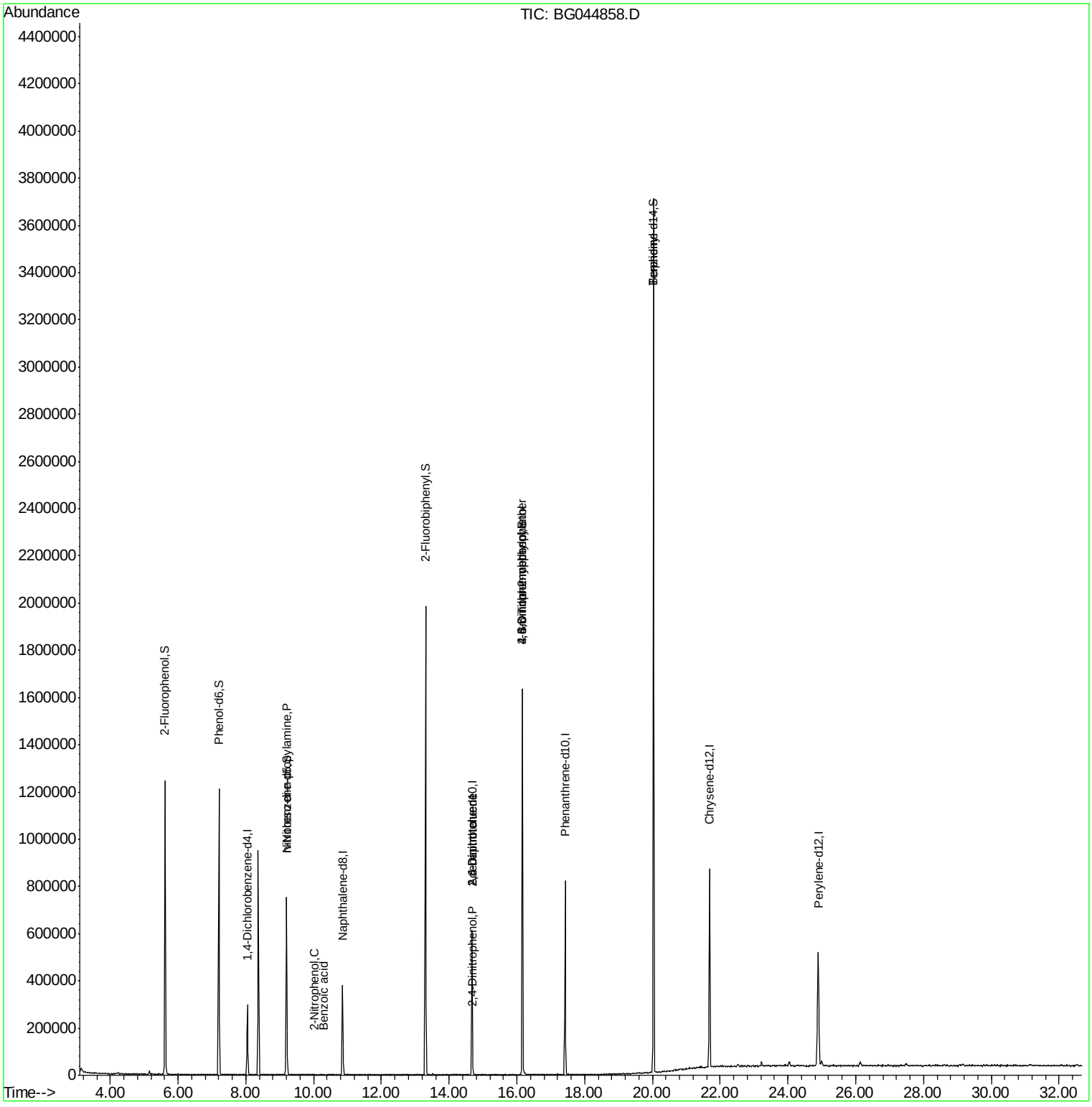
(#) = qualifier out of range (m) = manual integration (+) = signals summed

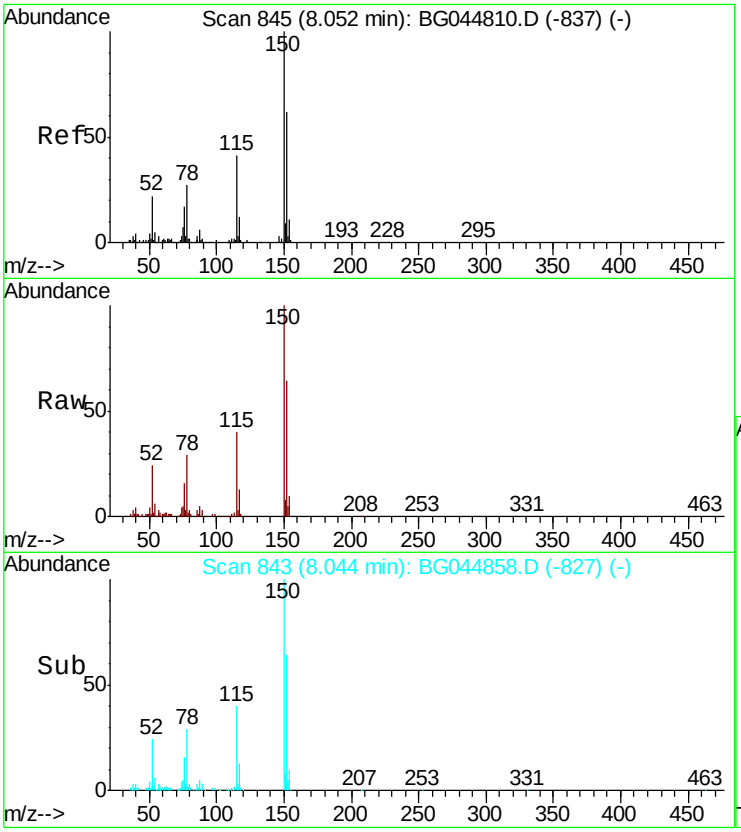
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044858.D
Acq On : 18 Mar 2020 9:40
Operator : CG/JU
Sample : PB127536TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 11:48:25 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



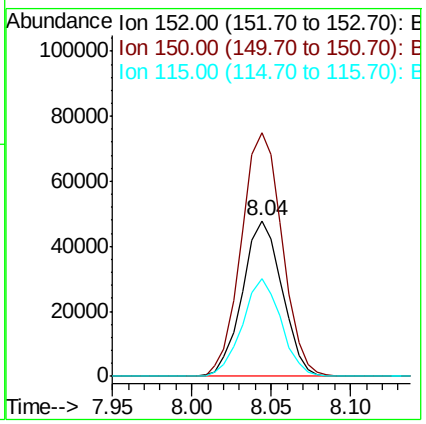


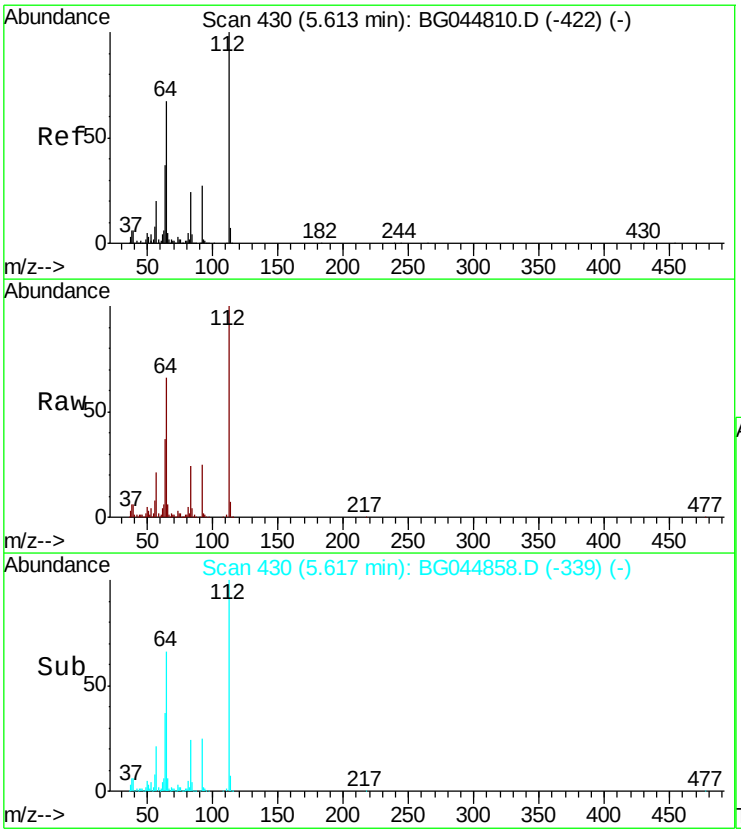
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 83115

Ion	Ratio	Lower	Upper
152	100		
150	156.2	128.8	193.2
115	62.6	52.6	79.0

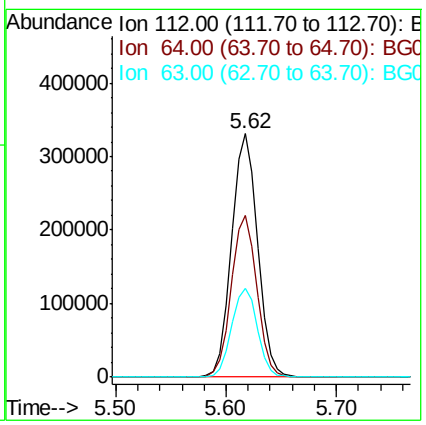


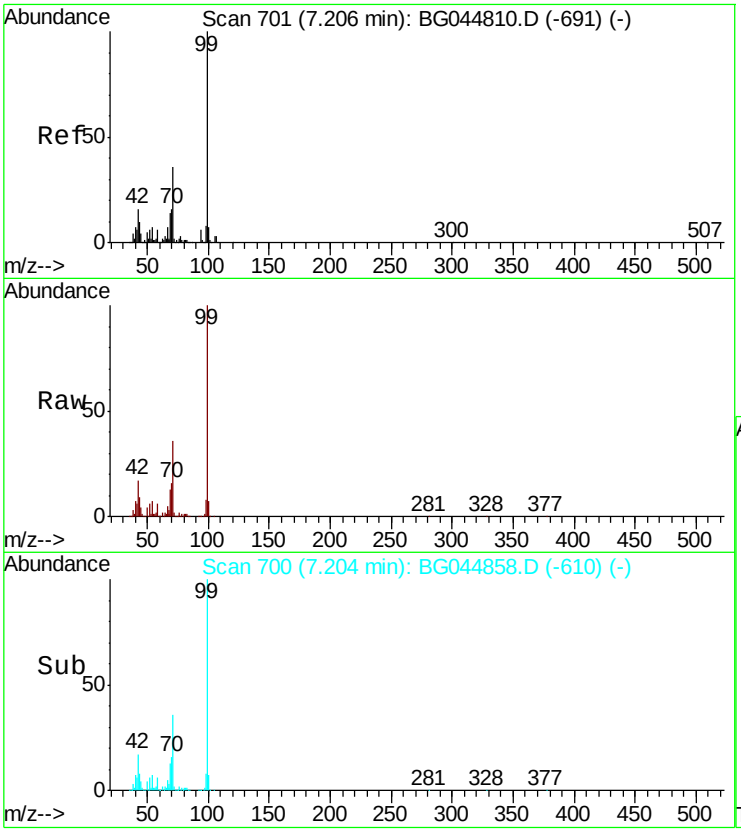


#5
2-Fluorophenol
Concen: 102.523 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:112 Resp: 547392

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.4	80.2
63	36.6	29.4	44.2



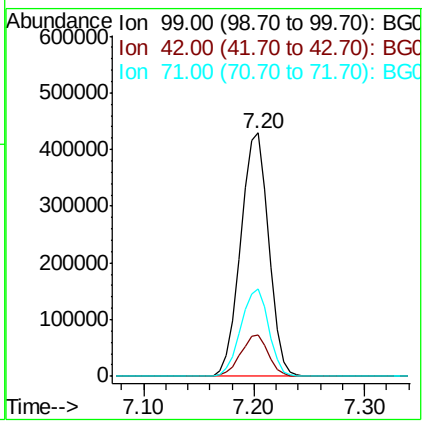


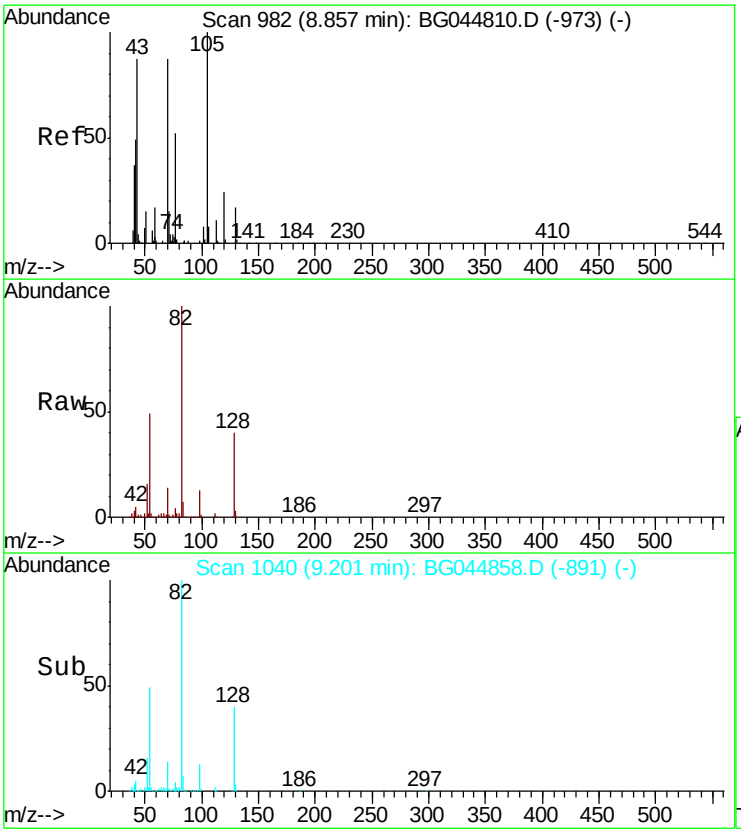
#7
Phenol-d6
Concen: 98.907 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 767268

Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.6	19.0
71	36.1	29.0	43.4

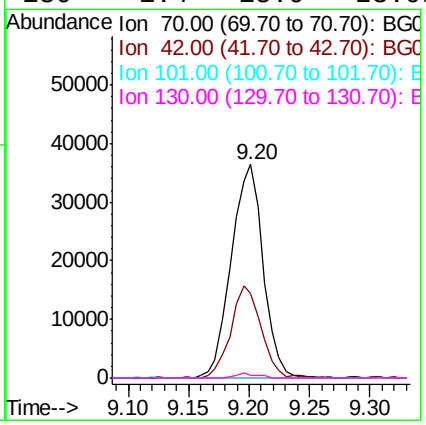


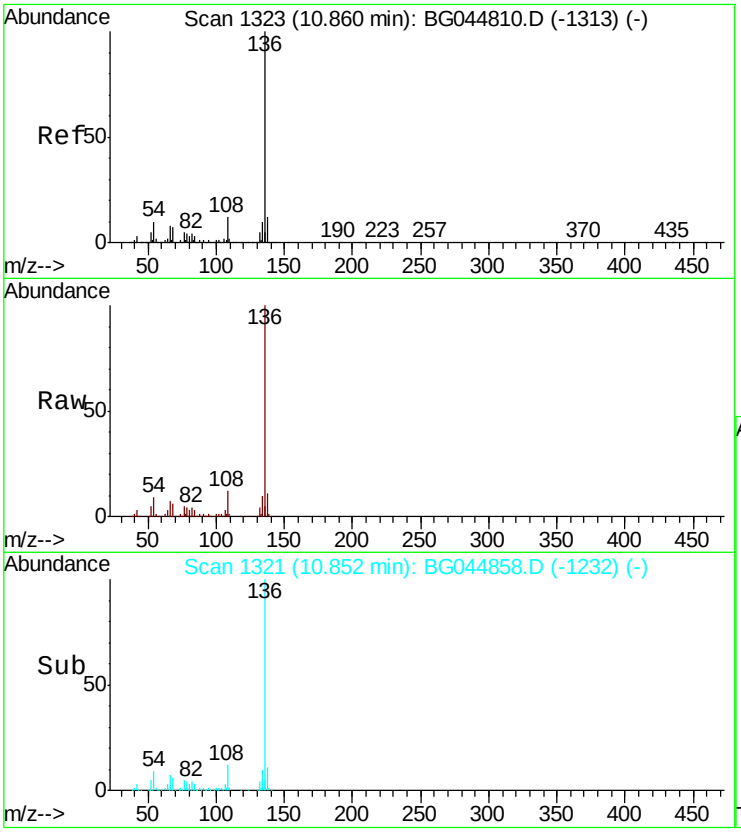


#19
n-Nitroso-di-n-propylamine
Concen: 12.237 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion: 70 Resp: 67029

Ion	Ratio	Lower	Upper
70	100		
42	39.7	45.7	68.5#
101	0.0	7.4	11.2#
130	1.4	15.9	23.9#



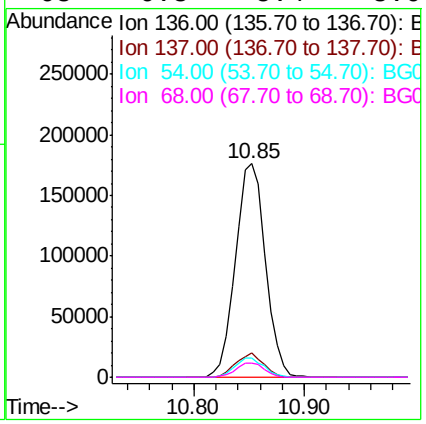


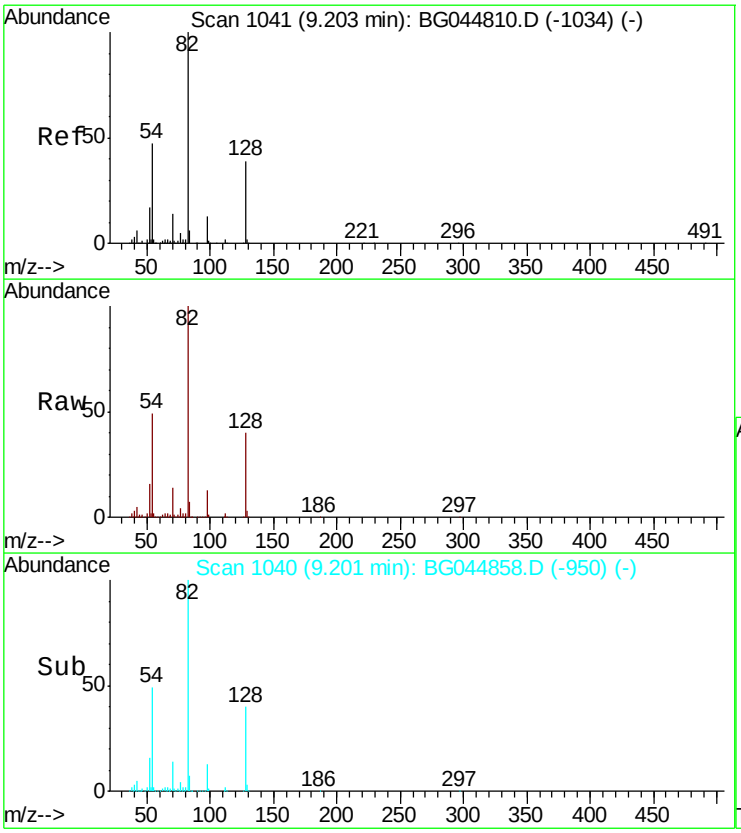
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 336552

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	8.9	7.9	11.9
68	6.3	5.4	8.0

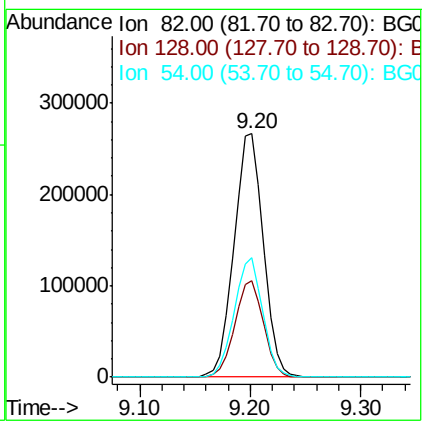


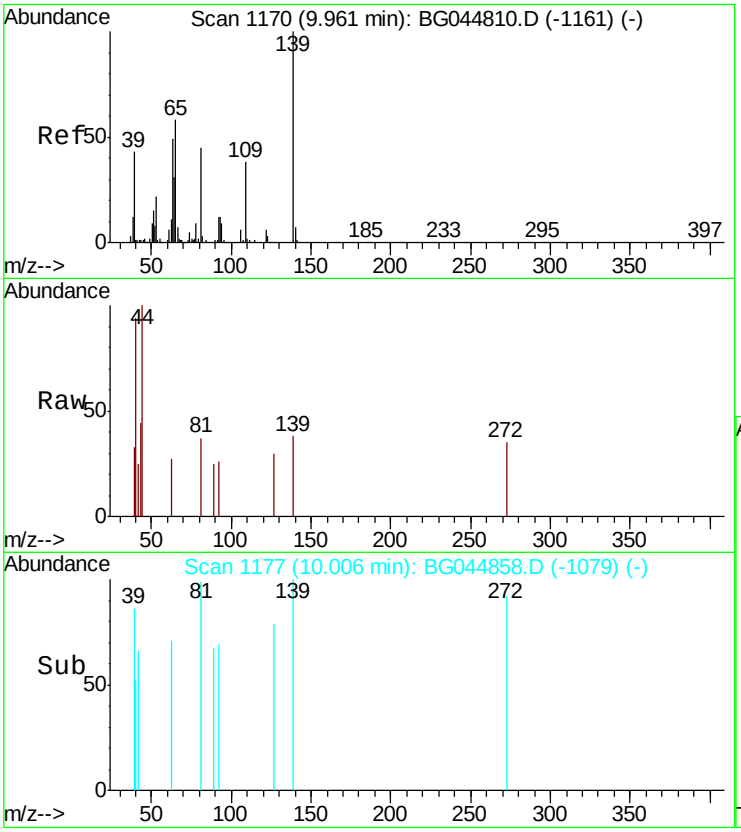


#23
Nitrobenzene-d5
Concen: 64.869 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion: 82 Resp: 497519

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	49.3	37.1	55.7



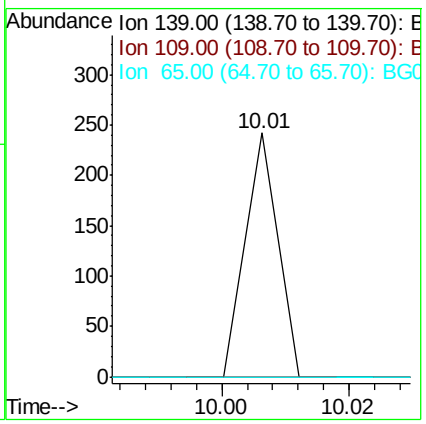


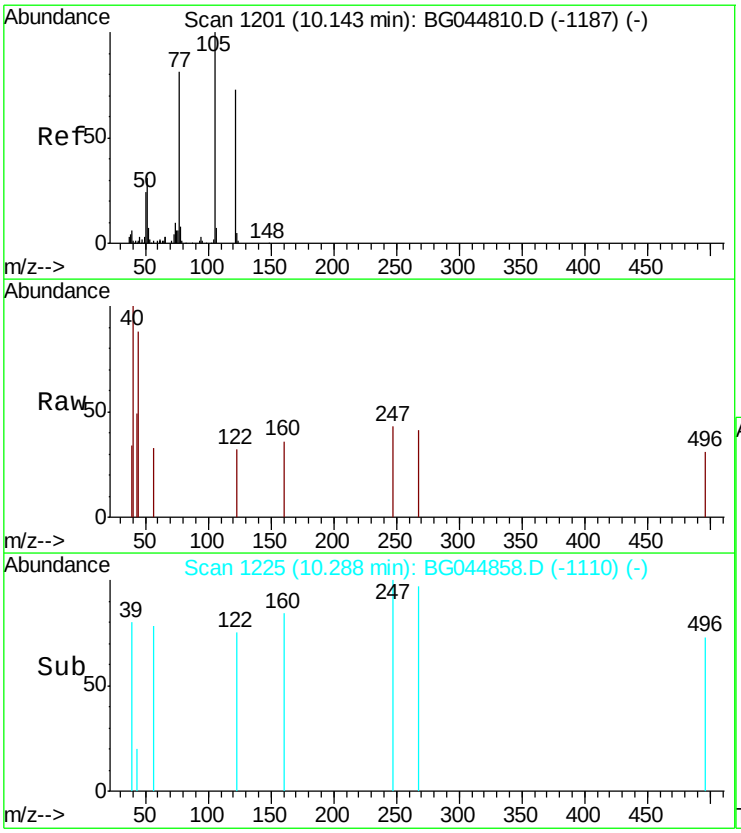
#26
2-Nitrophenol
Concen: 5.542 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.05 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:139 Resp: 85

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

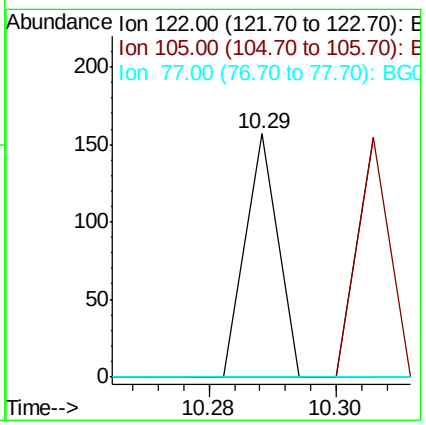


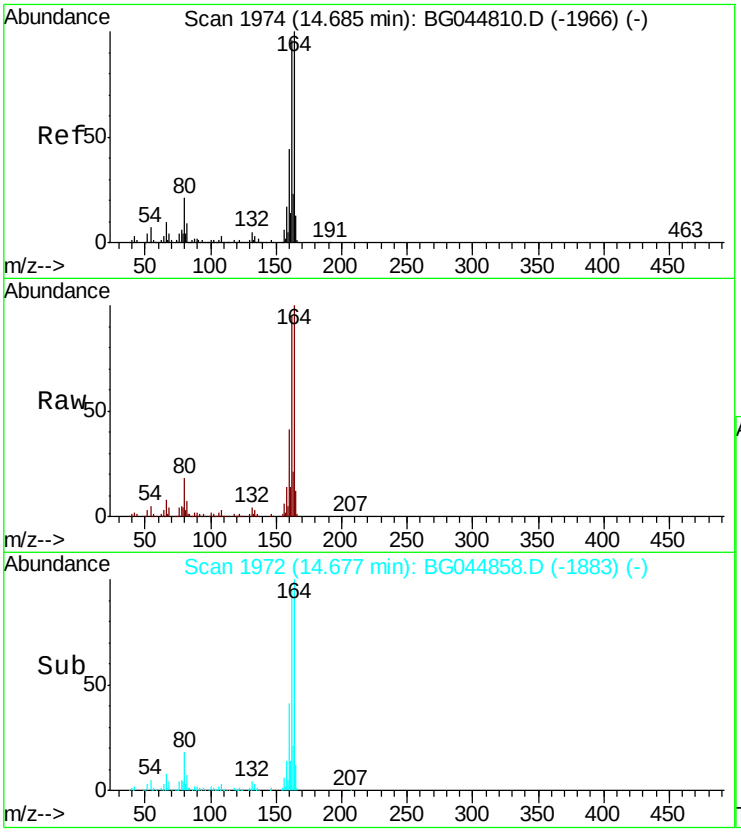


#32
Benzoic acid
Concen: 9.681 ng
RT: 10.29 min Scan# 1225
Delta R.T. 0.14 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:122 Resp: 55

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



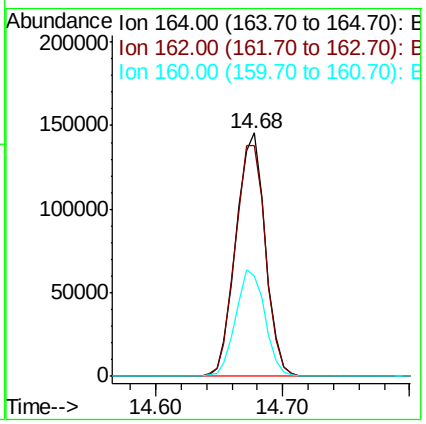


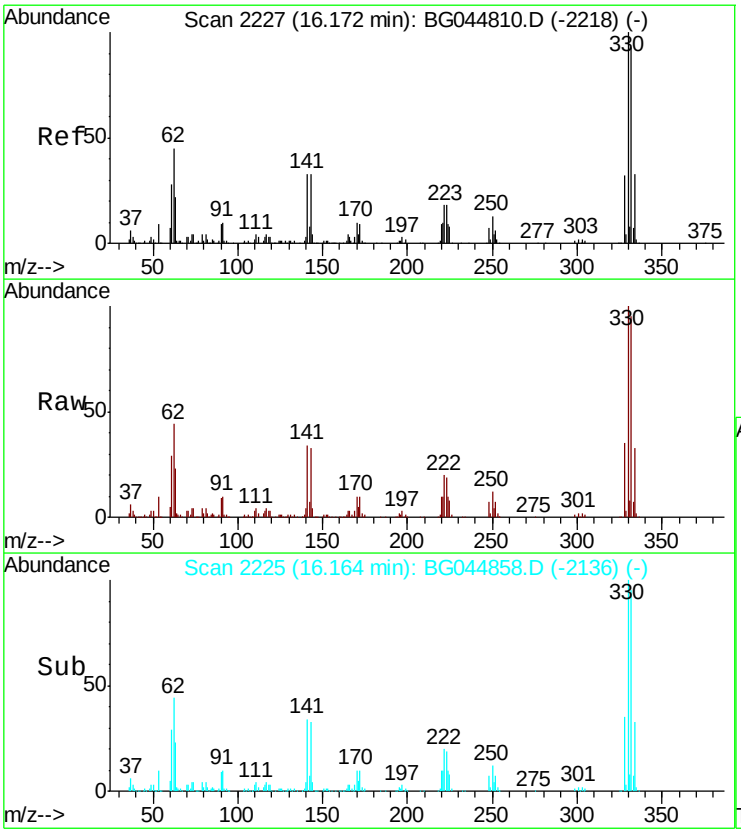
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 231696

Ion	Ratio	Lower	Upper
164	100		
162	94.7	76.7	115.1
160	41.0	35.0	52.4

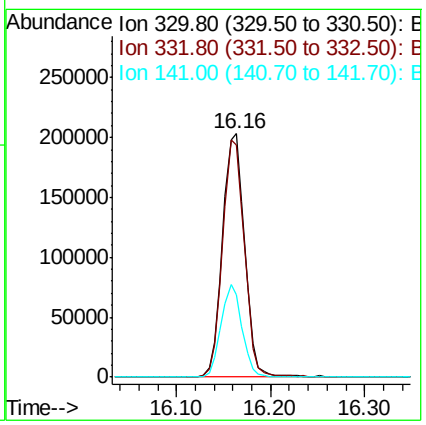


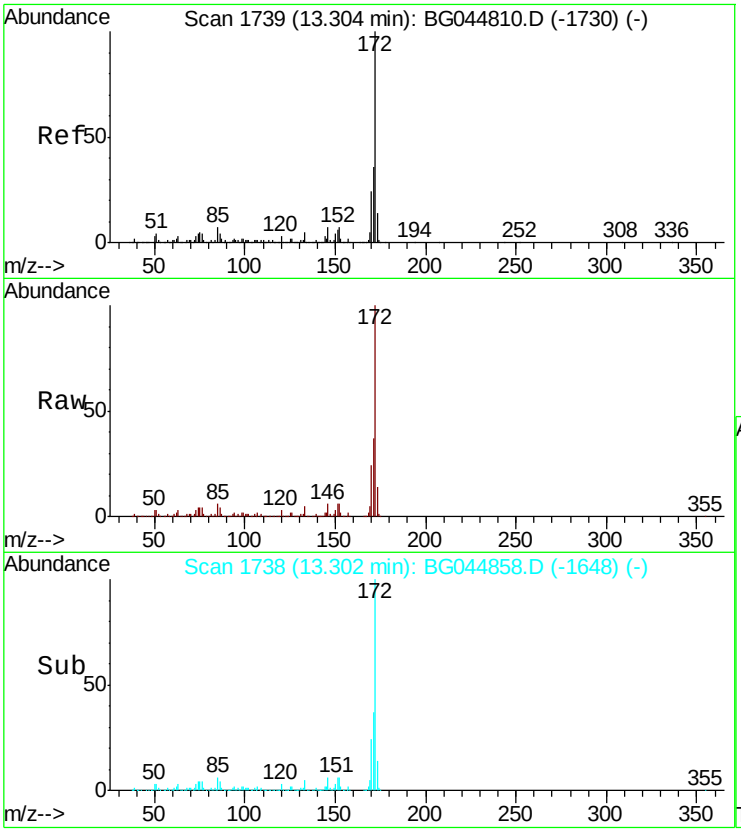


#42
2,4,6-Tribromophenol
Concen: 110.022 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:330 Resp: 333774

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	36.4	29.5	44.3



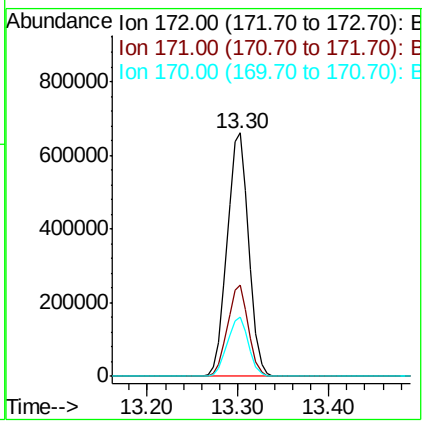


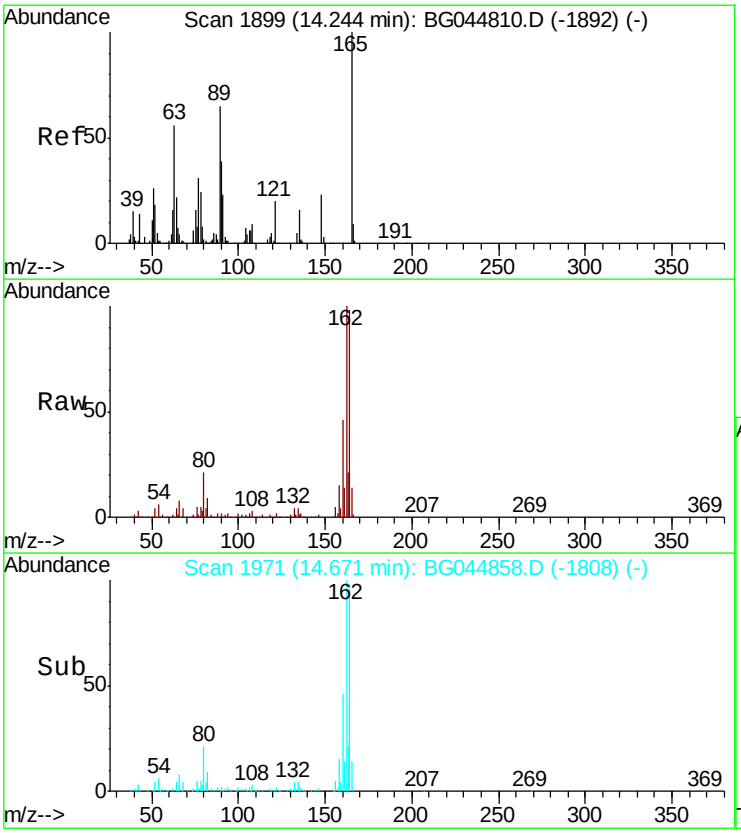
#45
2-Fluorobiphenyl
Concen: 67.394 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1090399

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	24.3	19.0	28.6

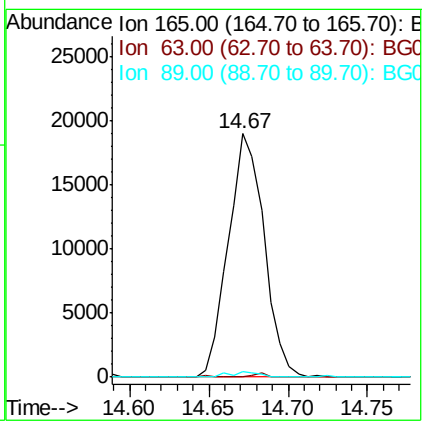


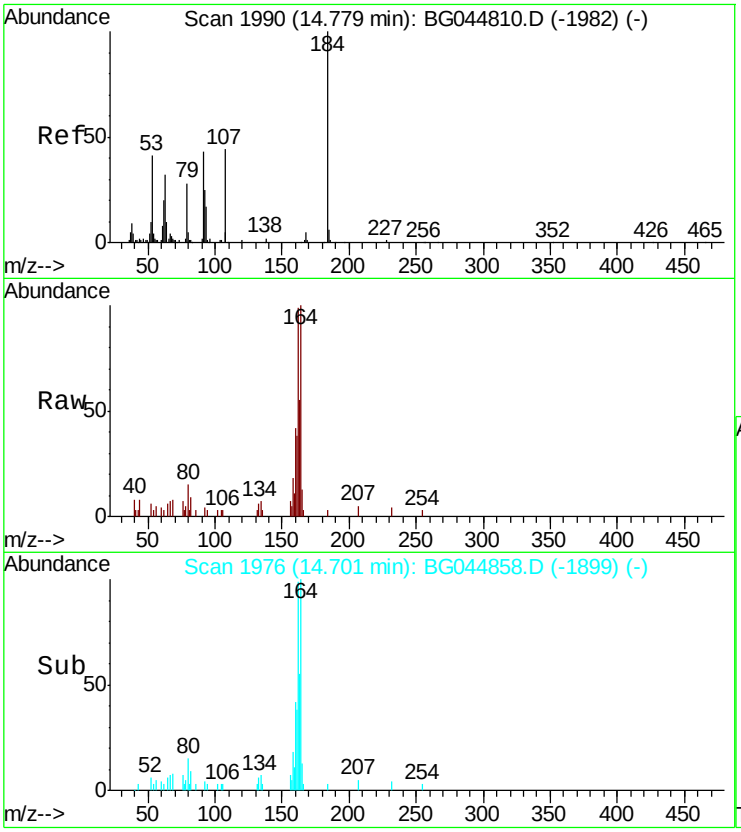


#51
2,6-Dinitrotoluene
Concen: 7.965 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.43 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:165 Resp: 29628

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.3	51.8	77.6#



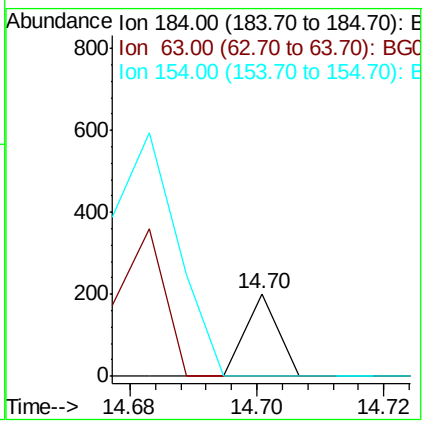


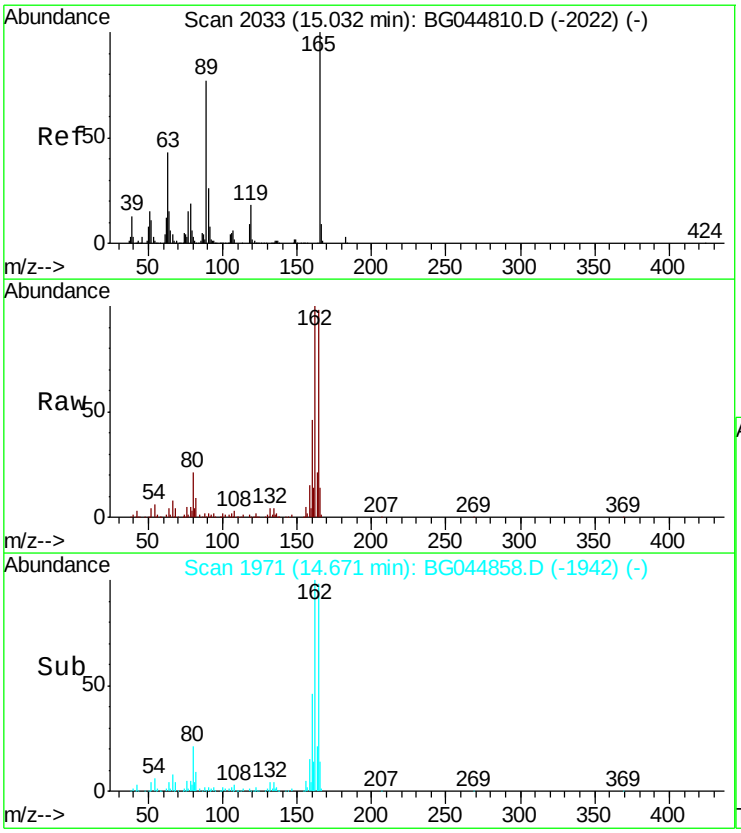
#54
2,4-Dinitrophenol
Concen: 8.355 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.08 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:184 Resp: 71

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

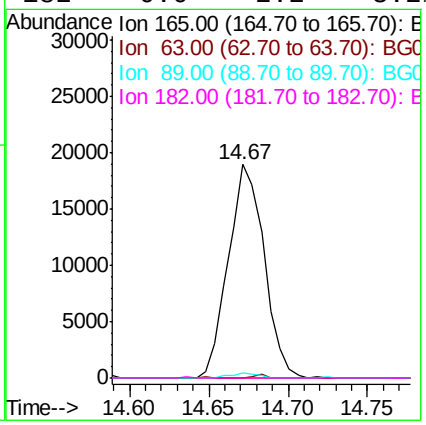


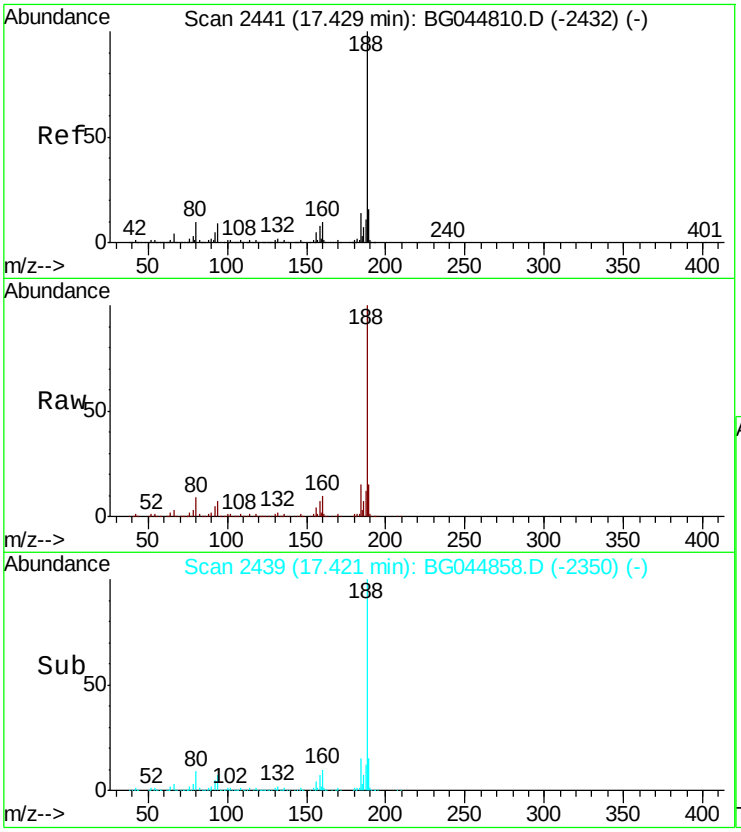


#57
2,4-Dinitrotoluene
Concen: 5.808 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:165 Resp: 29628

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	2.3	61.3	91.9#
182	0.0	2.2	3.2#



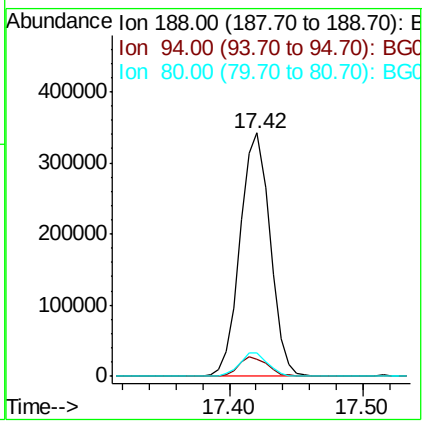


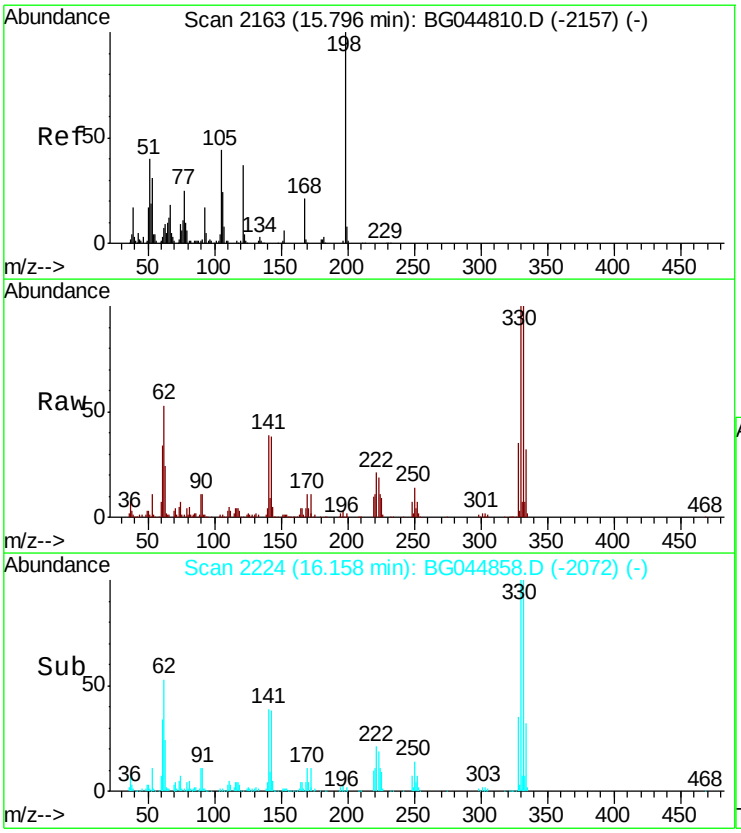
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 531200

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.3	10.9#
80	9.4	8.0	12.0

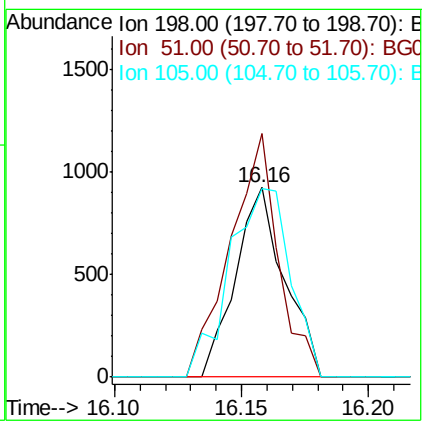


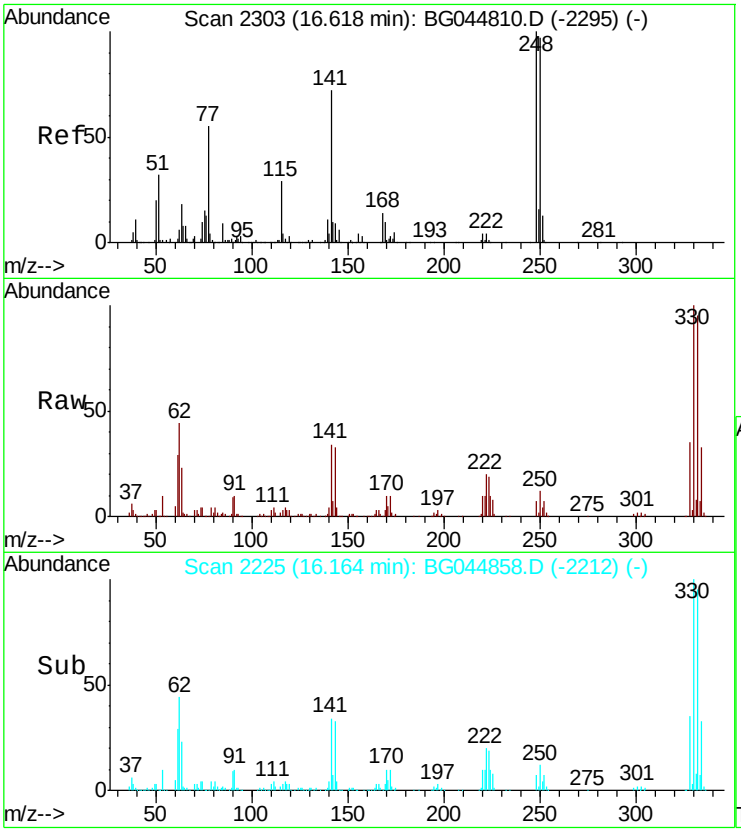


#65
4,6-Dinitro-2-methylphenol
Concen: 8.146 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.36 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:198 Resp: 1246

Ion	Ratio	Lower	Upper
198	100		
51	128.4	21.1	61.1#
105	99.4	24.5	64.5#



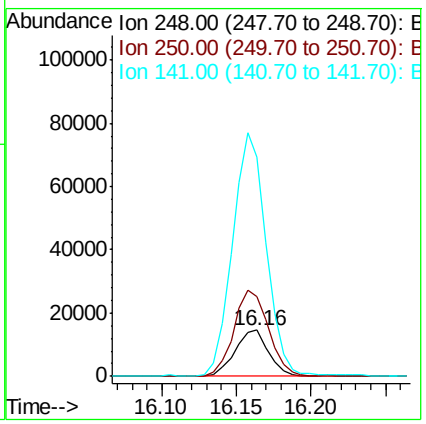


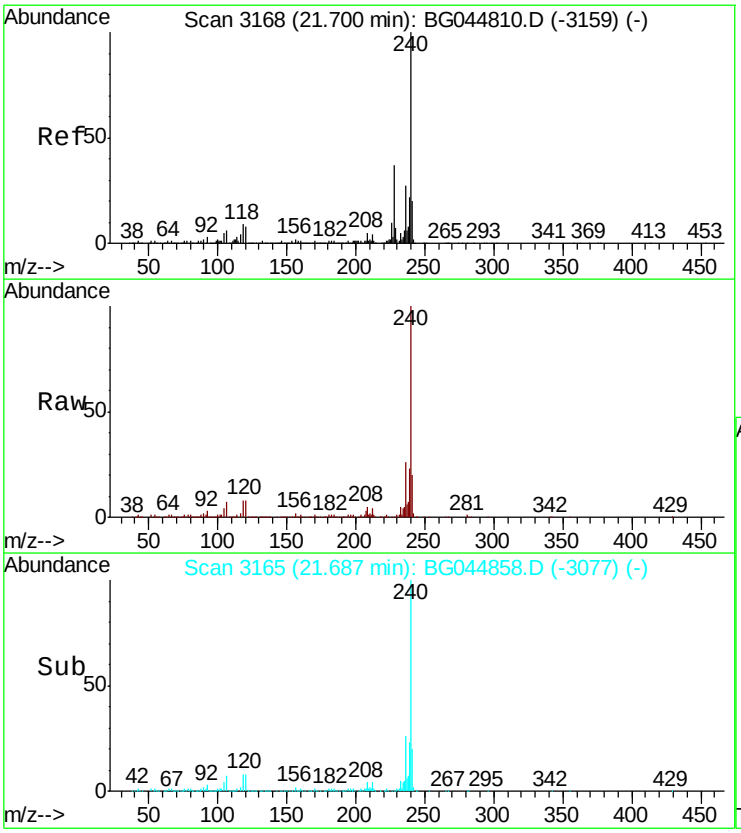
#67
4-Bromophenyl-phenylether
Concen: 3.433 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.45 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 22800

Ion	Ratio	Lower	Upper
248	100		
250	173.3	77.9	116.9#
141	475.7	57.5	86.3#

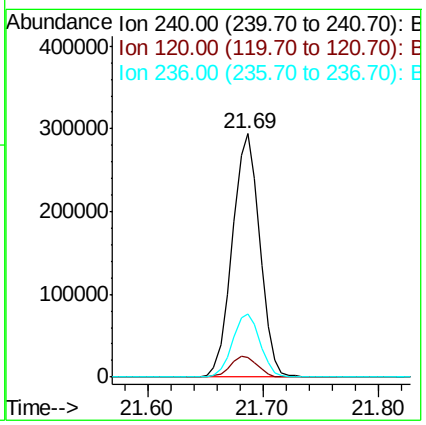


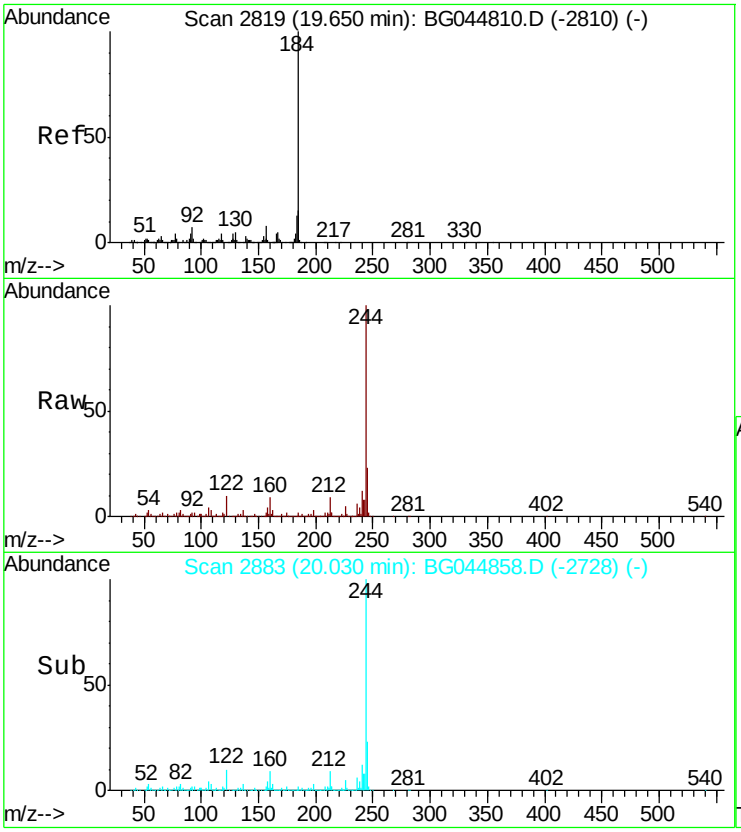


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:240 Resp: 484297

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.7	10.1
236	25.7	21.5	32.3



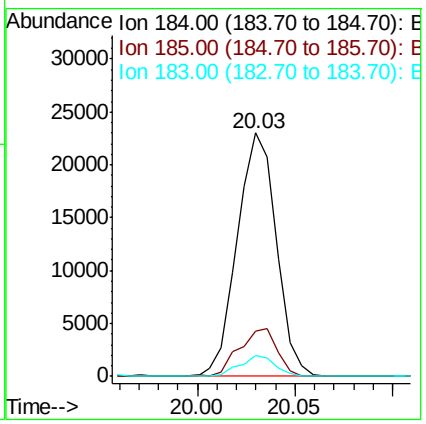


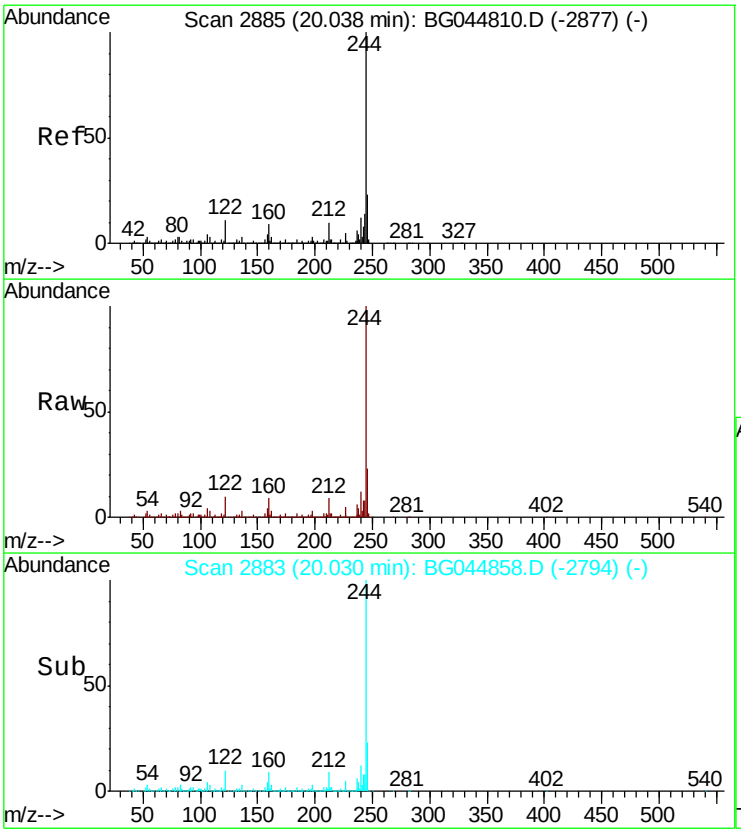
#77
Benzidine
Concen: 2.023 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:184 Resp: 31808

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.2	18.4#
183	8.6	10.7	16.1#

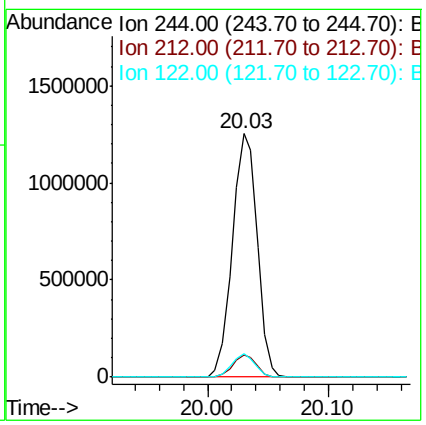


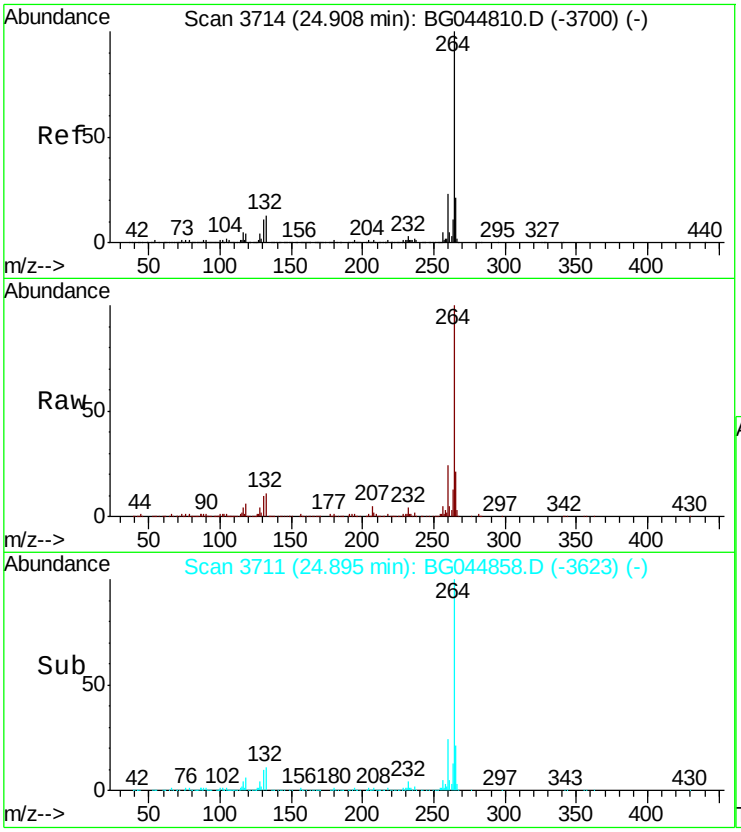


#79
Terphenyl-d14
Concen: 69.193 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Tgt Ion:244 Resp: 1791454

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.7	11.5
122	9.9	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG044858.D
Acq: 18 Mar 2020 9:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 534329

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.1	27.1
265	21.4	17.1	25.7