Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044872.D
Acq On : 18 Mar 2020 20:30
Operator : CG/JU
Sample : PB127599BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127599BL

Quant Time: Mar 19 01:43:12 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	79021	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	291378	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	195843	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	455727	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	534652	20.00	ng	-0.02
87) Perylene-d12	24.89	264	548107	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	620814	122.30	ng	0.00
7) Phenol-d6	7.20	99	855269	115.96	ng	0.00
23) Nitrobenzene-d5	9.20	82	562100	84.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	355839	138.77	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1191934	87.16	ng	0.00
79) Terphenyl-d14	20.03	244	2179626	76.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	1662	Below Cal	#	17
19) n-Nitroso-di-n-propylamine	9.20	70	74839	14.37	ng	# 74
26) 2-Nitrophenol	9.61	139	58	5.54	ng	# 28
51) 2,6-Dinitrotoluene	14.67	165	26615	8.47	ng	# 21
54) 2,4-Dinitrophenol	14.88	184	54	8.35	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	26615	6.17	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.99	198	65	7.75	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	24683	4.33	ng	# 1
77) Benzidine	20.03	184	41366	2.38	ng	# 90

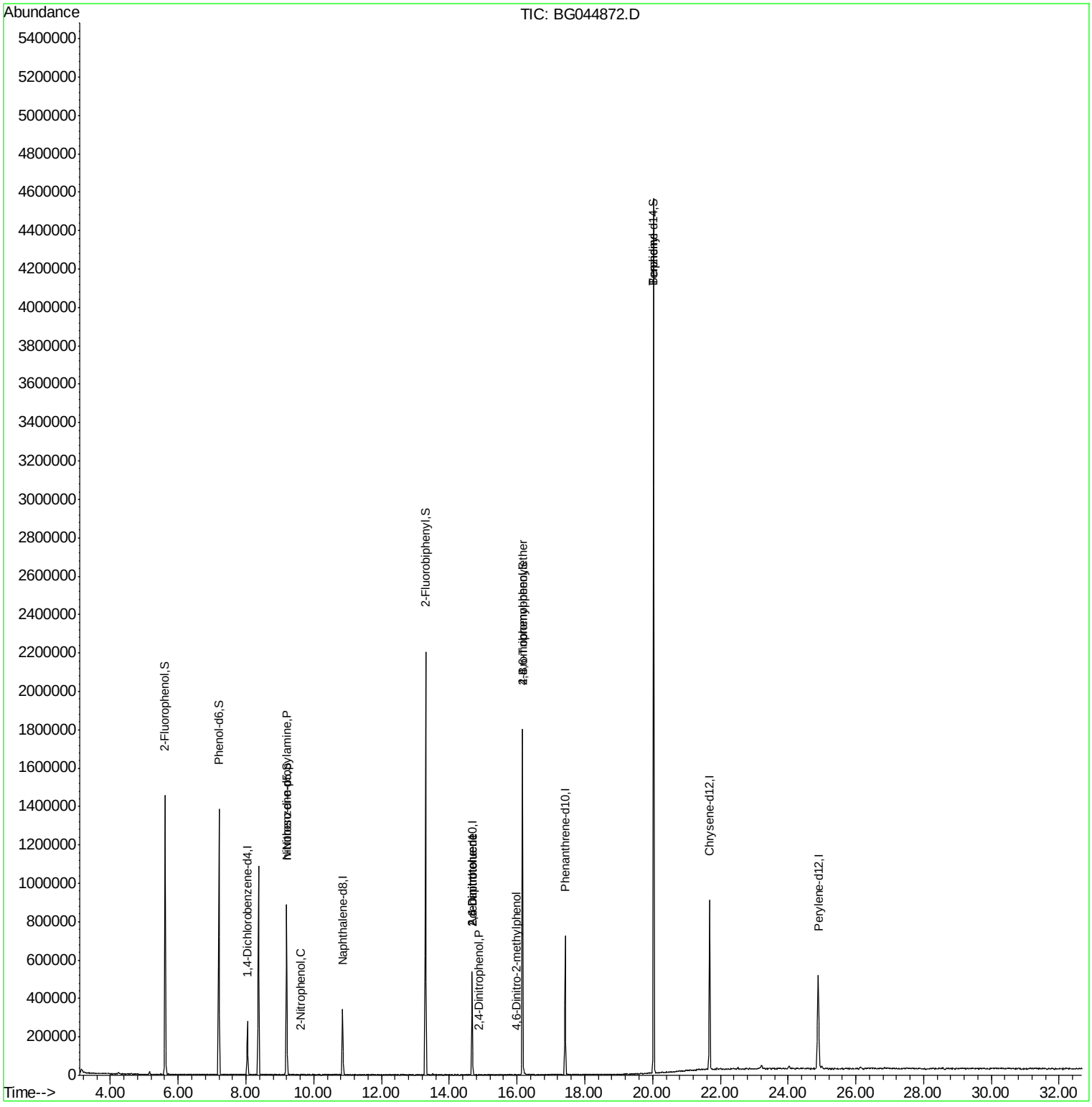
(#) = qualifier out of range (m) = manual integration (+) = signals summed

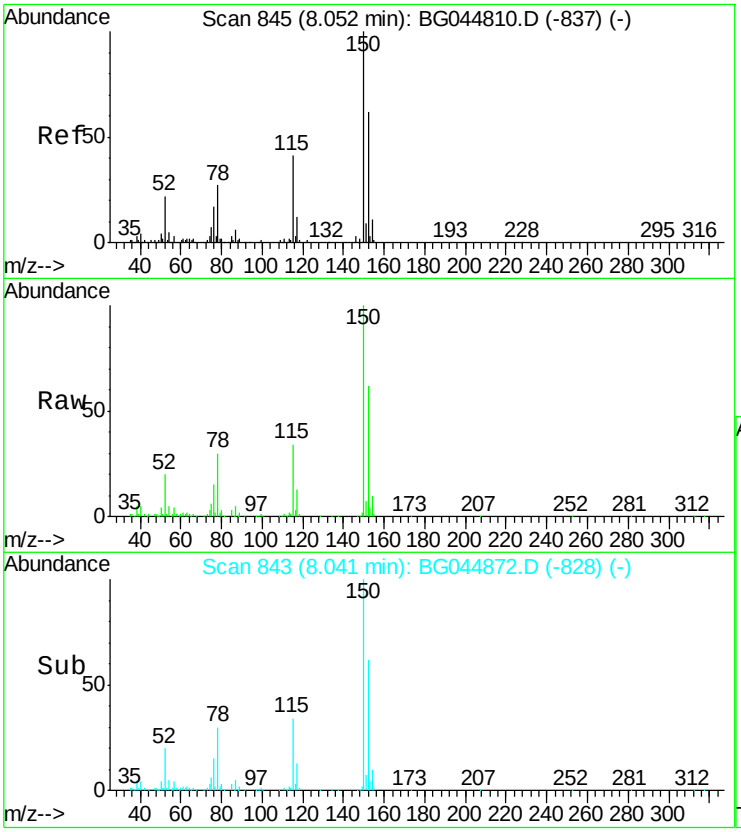
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044872.D
Acq On : 18 Mar 2020 20:30
Operator : CG/JU
Sample : PB127599BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127599BL

Quant Time: Mar 19 01:43:12 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



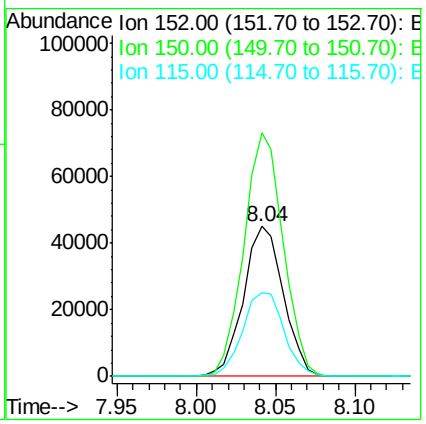


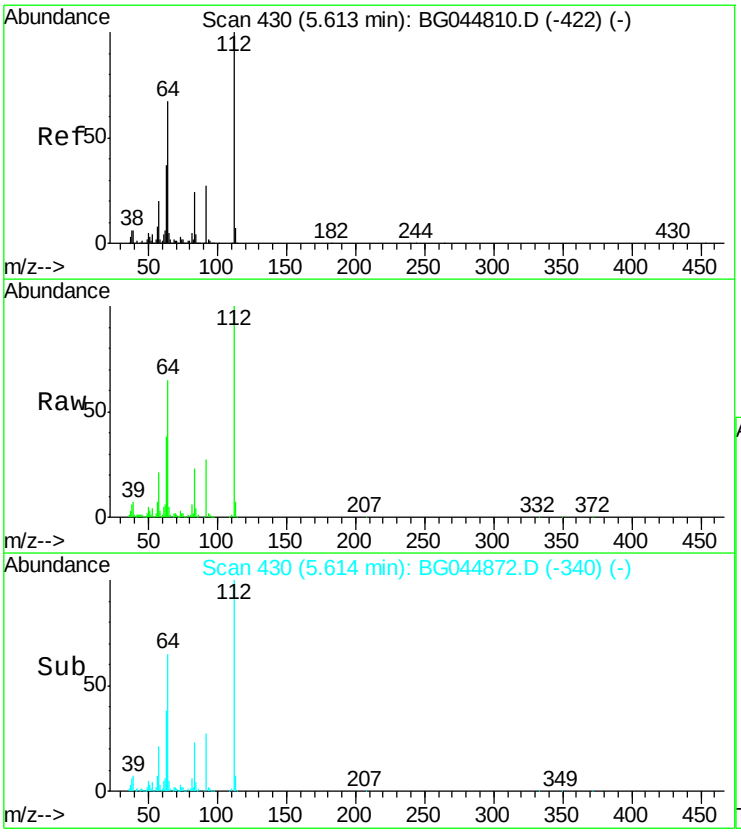
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:152 Resp: 79021

Ion	Ratio	Lower	Upper
152	100		
150	162.2	128.8	193.2
115	55.3	52.6	79.0

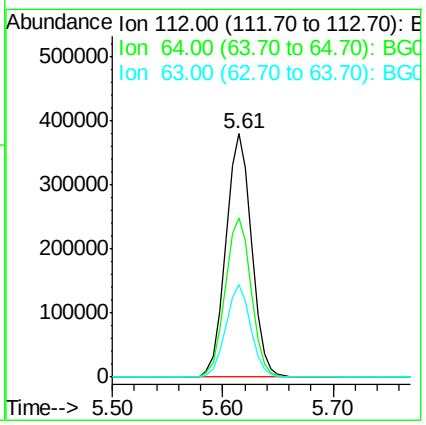


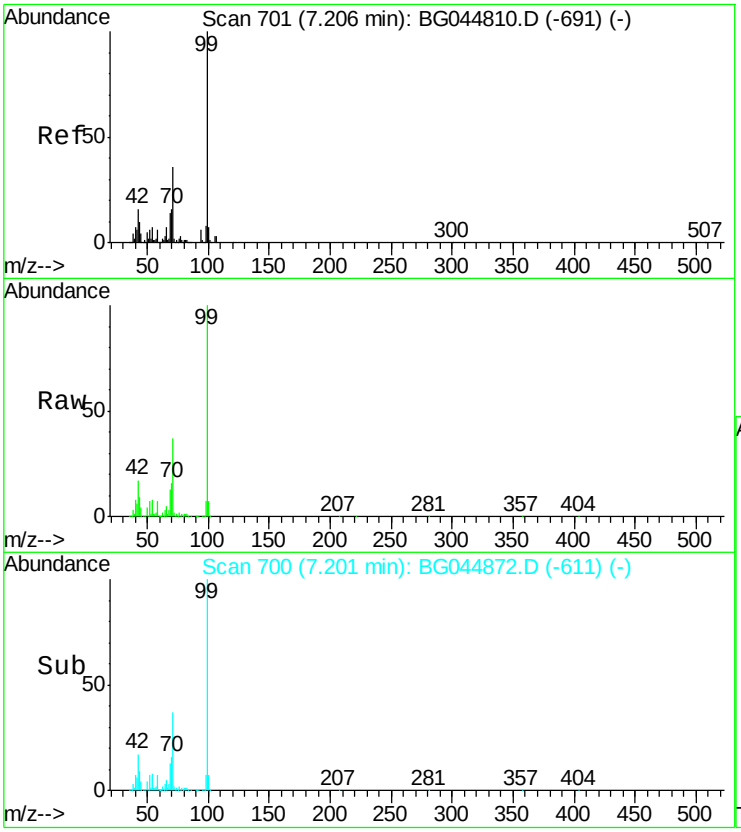


#5
2-Fluorophenol
Concen: 122.30 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:112 Resp: 620814

Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.4	80.2
63	38.0	29.4	44.2



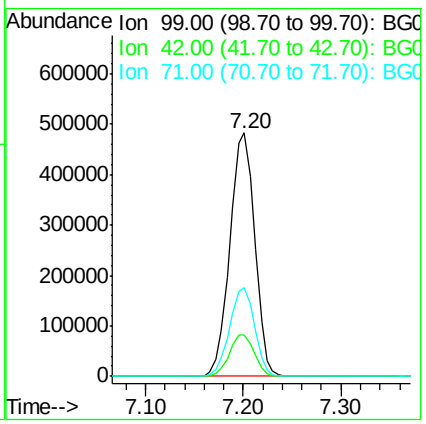


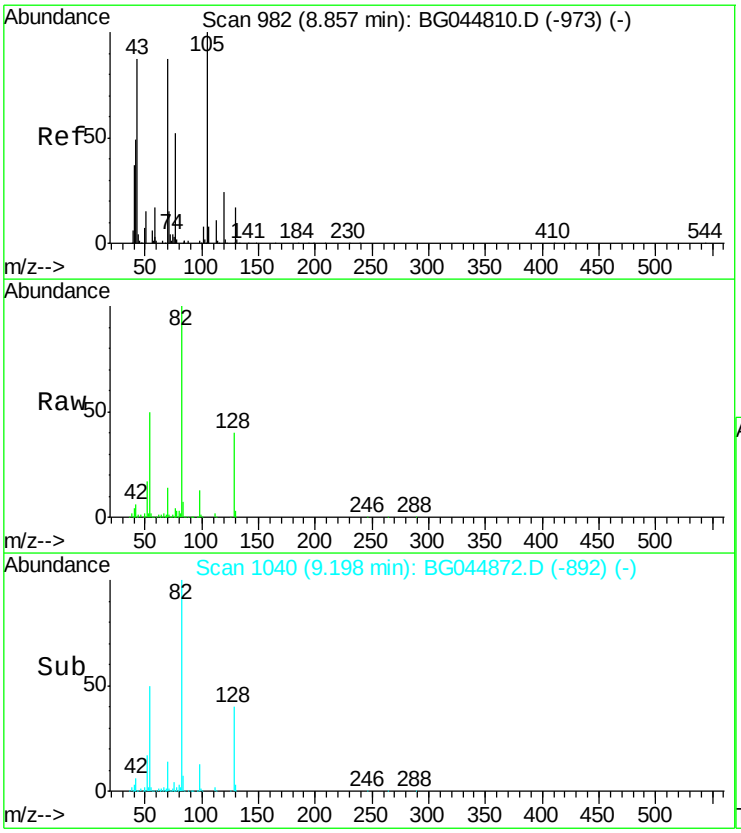
#7
Phenol-d6
Concen: 115.96 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion: 99 Resp: 855269

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.6	19.0
71	36.7	29.0	43.4

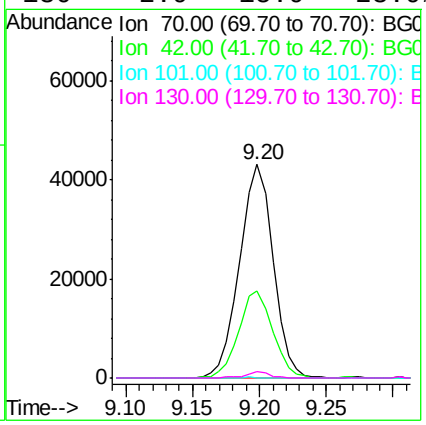


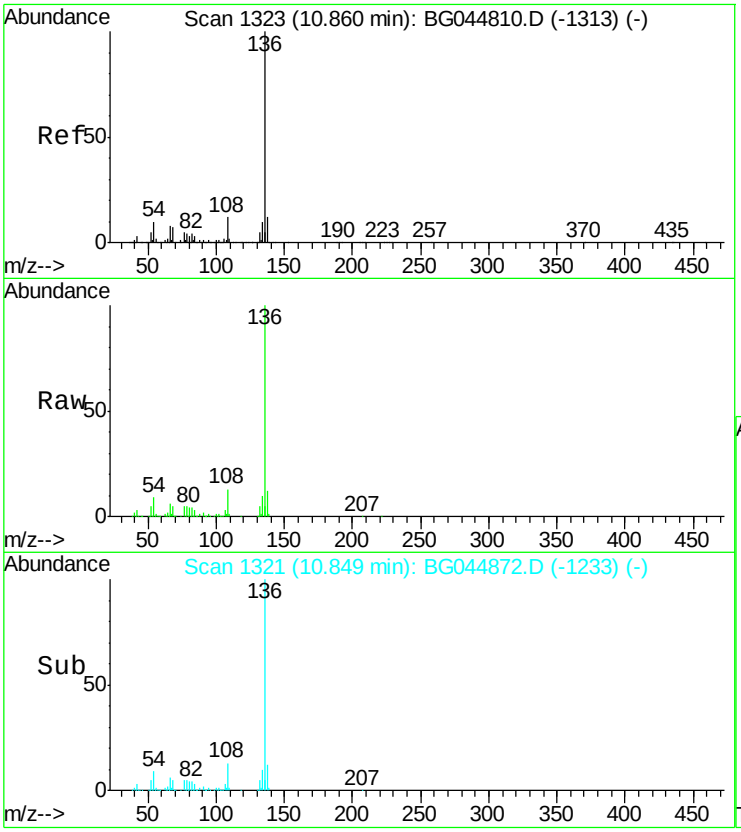


#19
n-Nitroso-di-n-propylamine
Concen: 14.37 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion: 70 Resp: 74839

Ion	Ratio	Lower	Upper
70	100		
42	40.5	45.7	68.5#
101	0.0	7.4	11.2#
130	2.9	15.9	23.9#



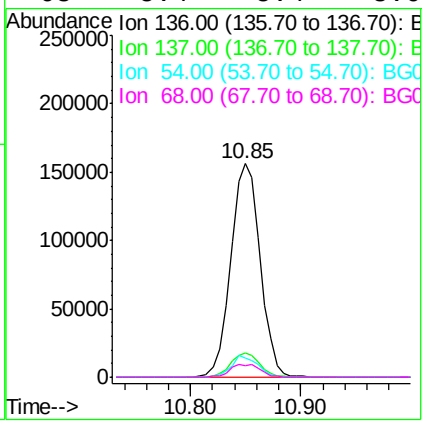


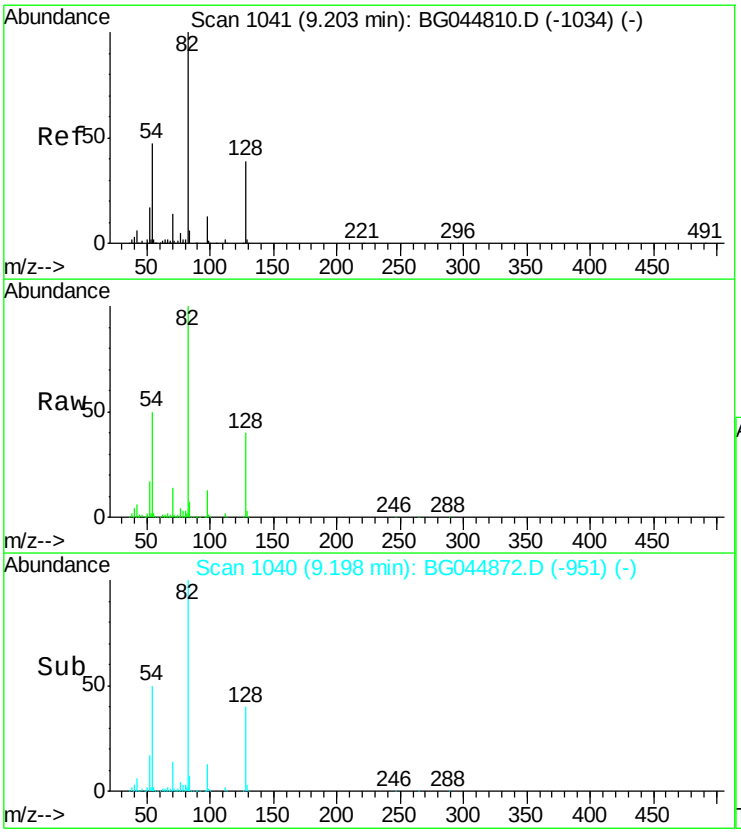
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:136 Resp: 291378

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.6
54	8.8	7.9	11.9
68	5.4	5.4	8.0

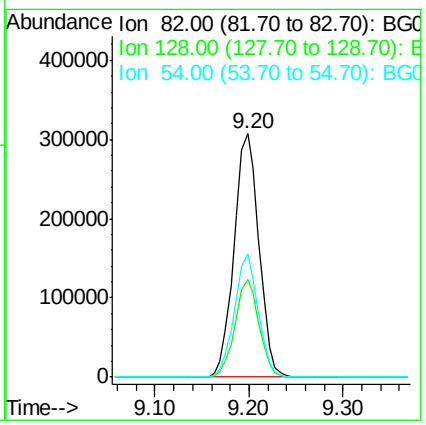


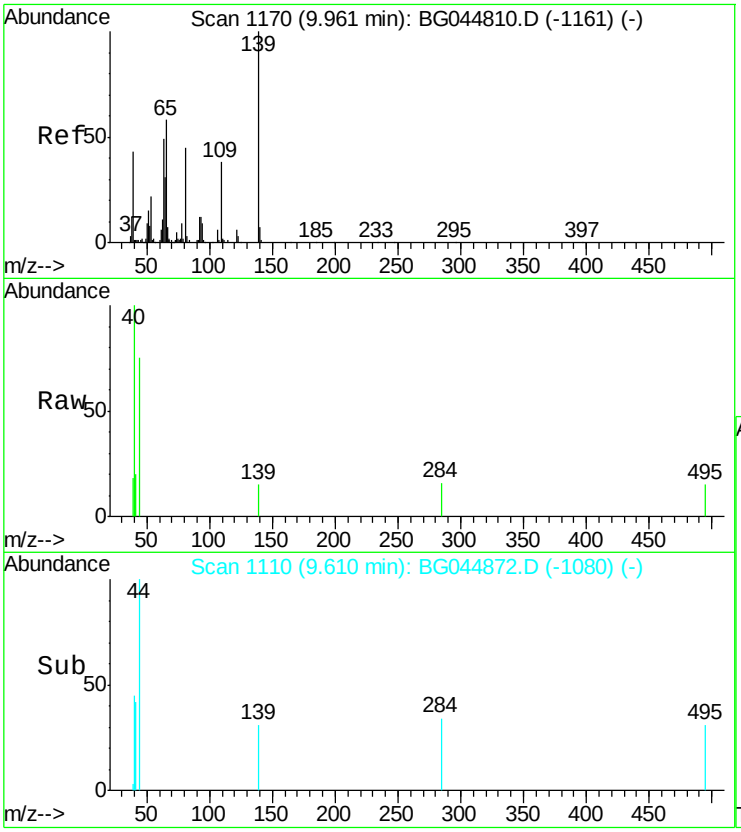


#23
Nitrobenzene-d5
Concen: 84.65 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion: 82 Resp: 562100

Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.6	46.0
54	50.4	37.1	55.7



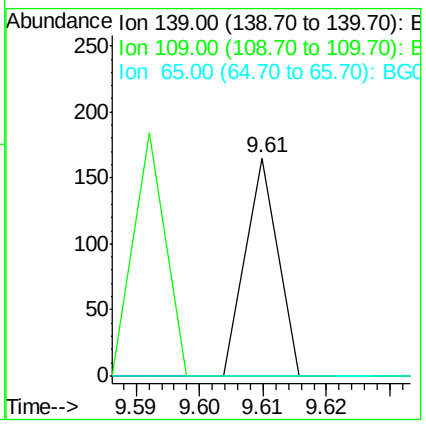


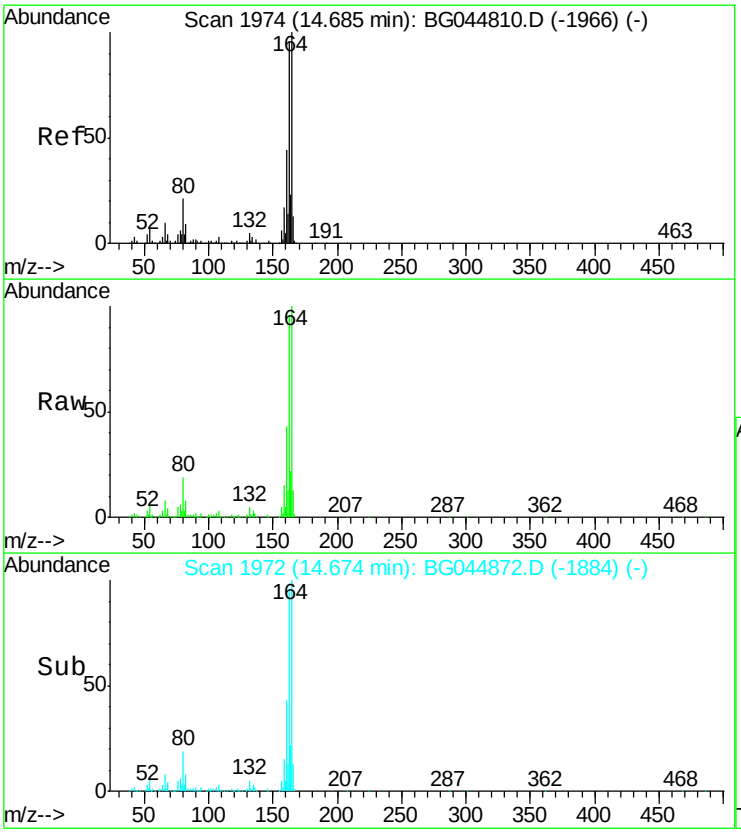
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 9.61 min Scan# 1110
Delta R.T. -0.35 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:139 Resp: 58

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

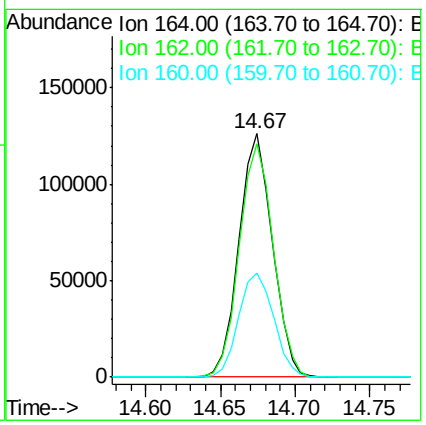


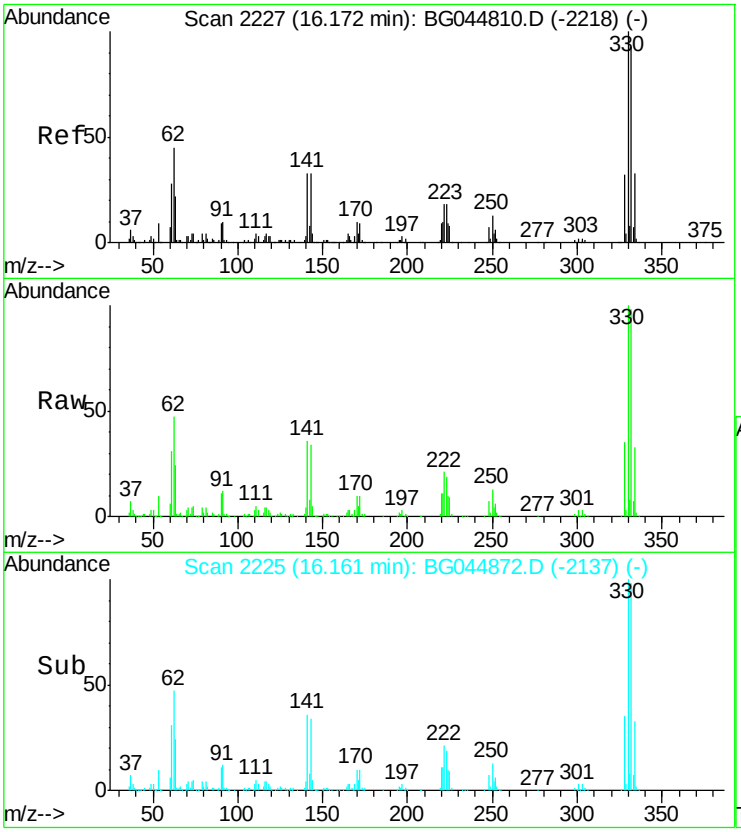


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:164 Resp: 195843

Ion	Ratio	Lower	Upper
164	100		
162	96.0	76.7	115.1
160	43.0	35.0	52.4



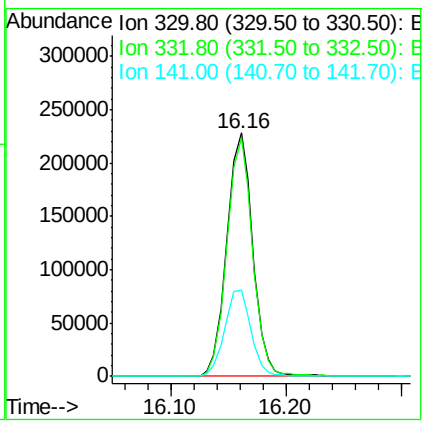


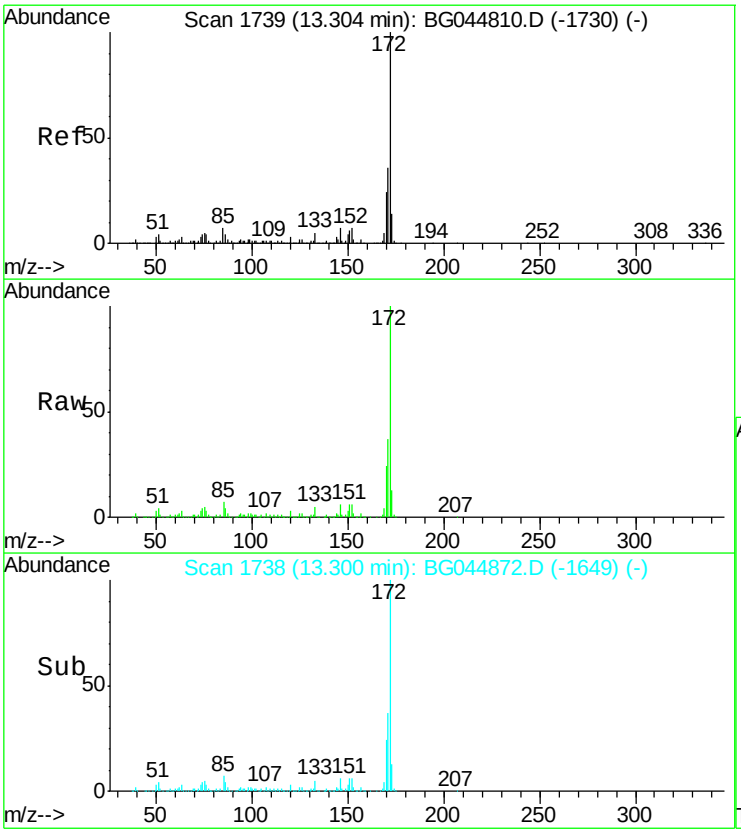
#42
2,4,6-Tribromophenol
Concen: 138.77 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:330 Resp: 355839

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	36.2	29.5	44.3

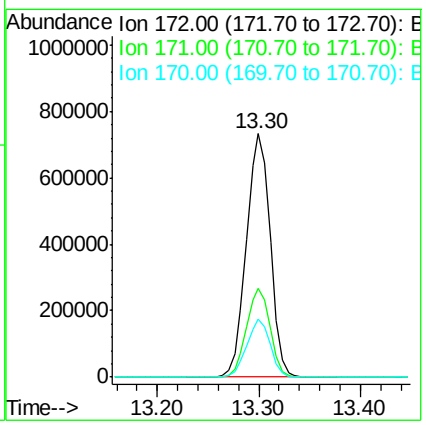


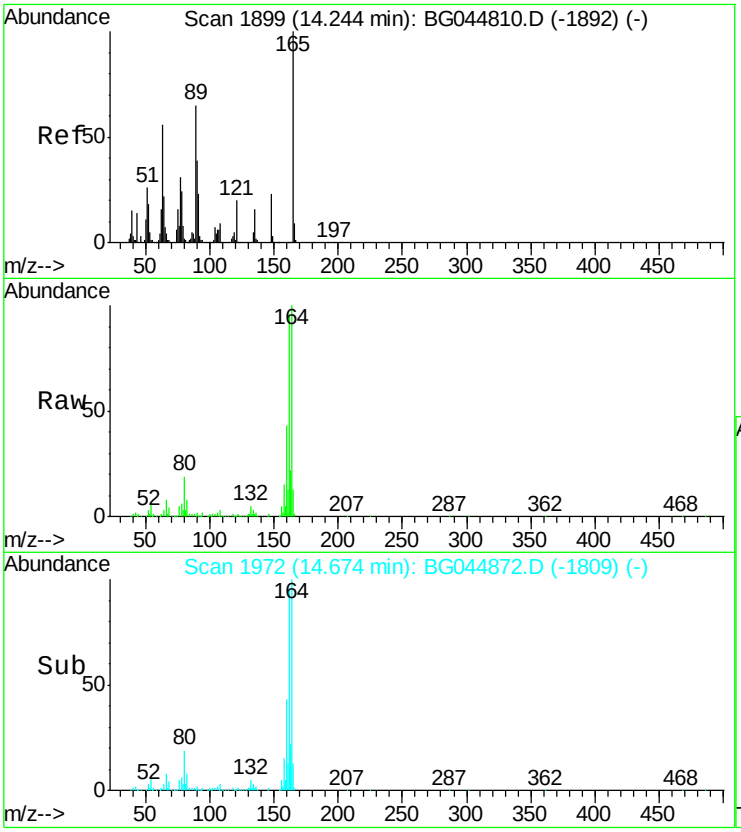


#45
2-Fluorobiphenyl
Concen: 87.16 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:172 Resp: 1191934

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	24.0	19.0	28.6



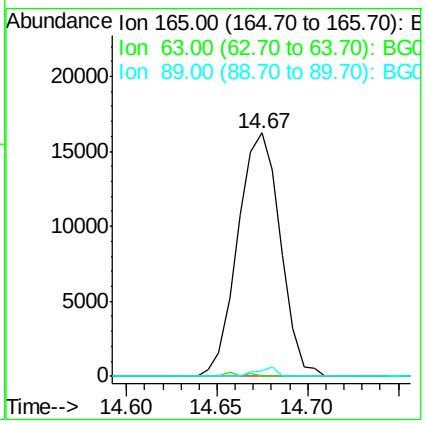


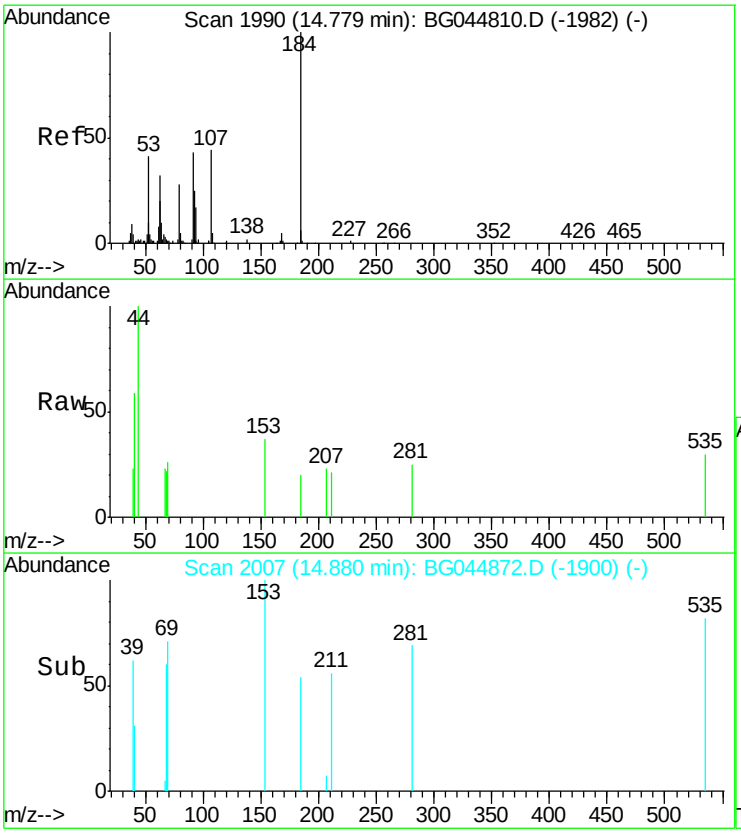
#51
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:165 Resp: 26615

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.2	51.8	77.6#

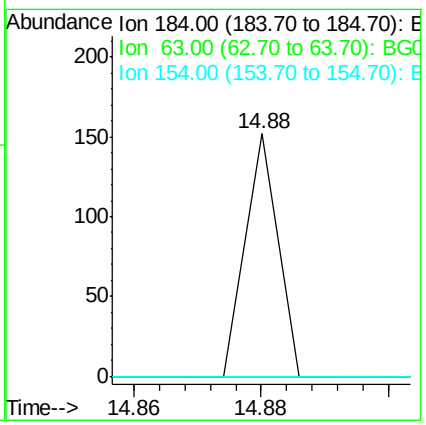


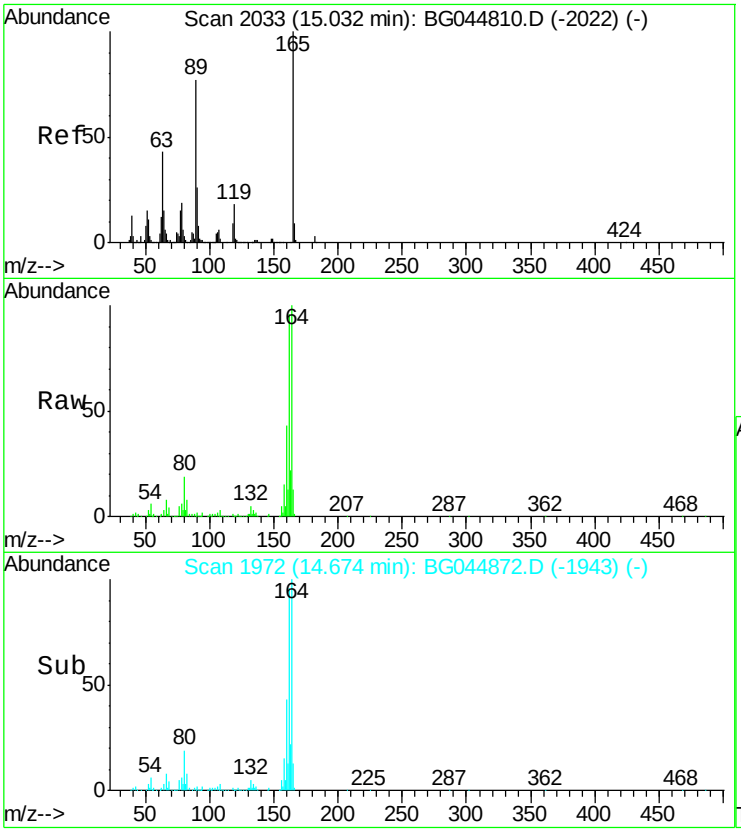


#54
2,4-Dinitrophenol
Concen: 8.35 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.10 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:184 Resp: 54

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



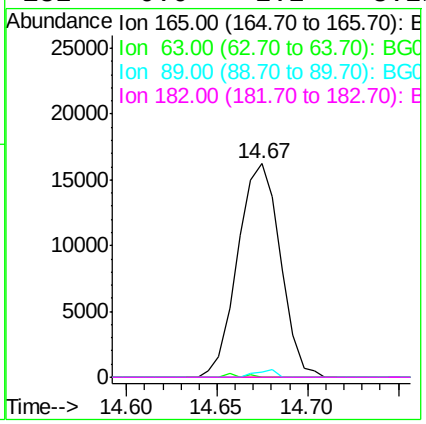


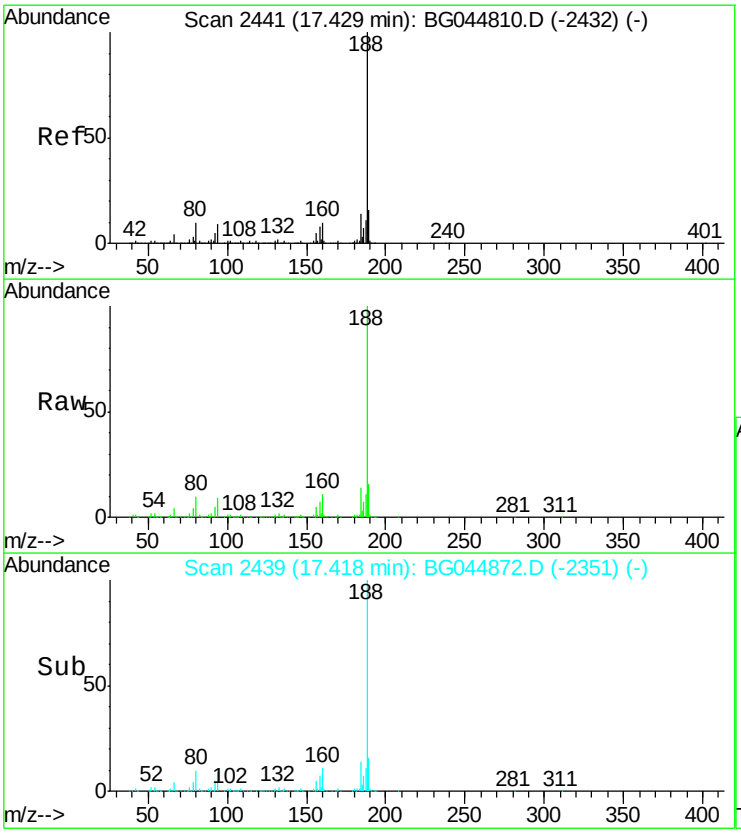
#57
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:165 Resp: 26615

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

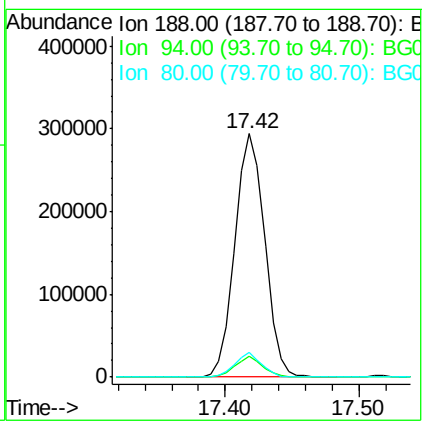


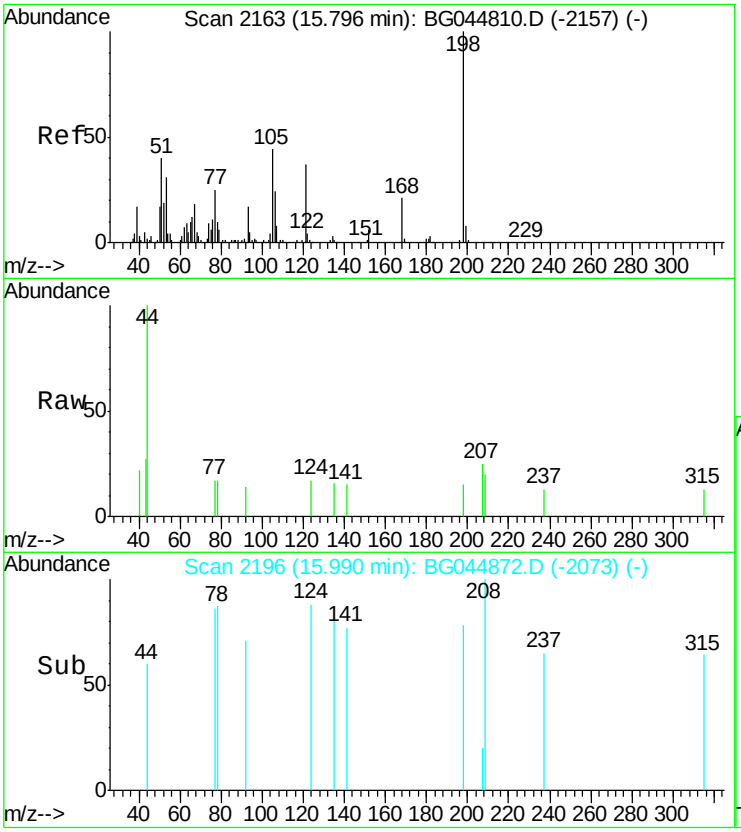


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:188 Resp: 455727

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	10.2	8.0	12.0



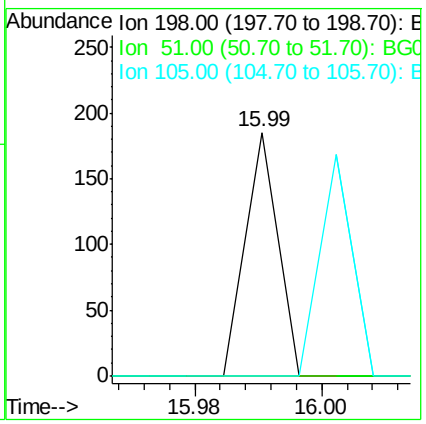


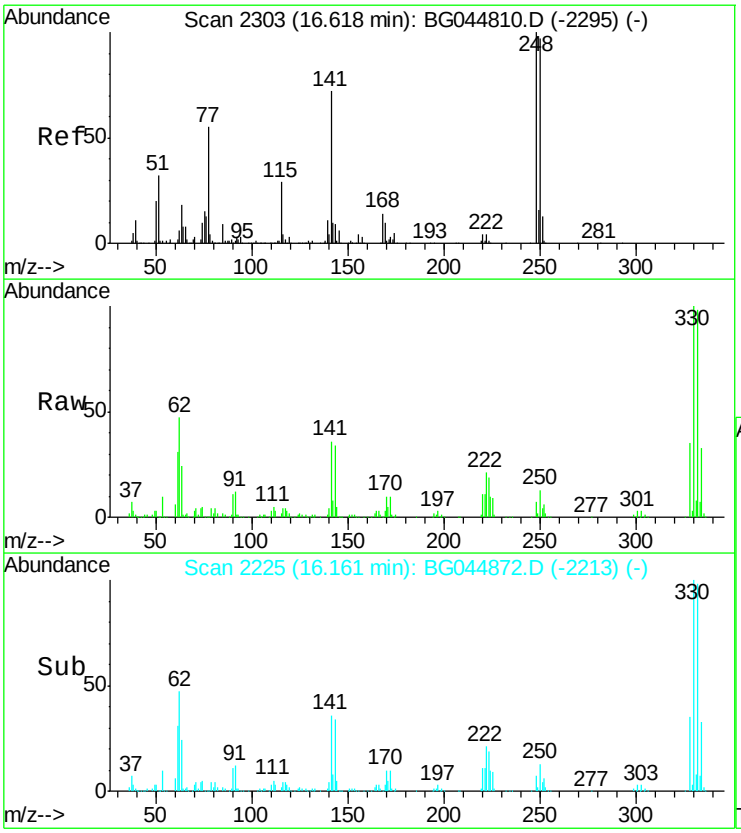
#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.19 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:198 Resp: 65

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

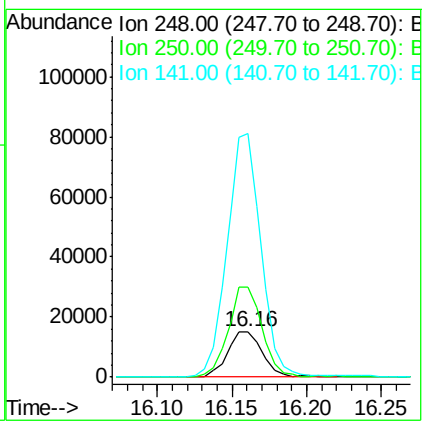


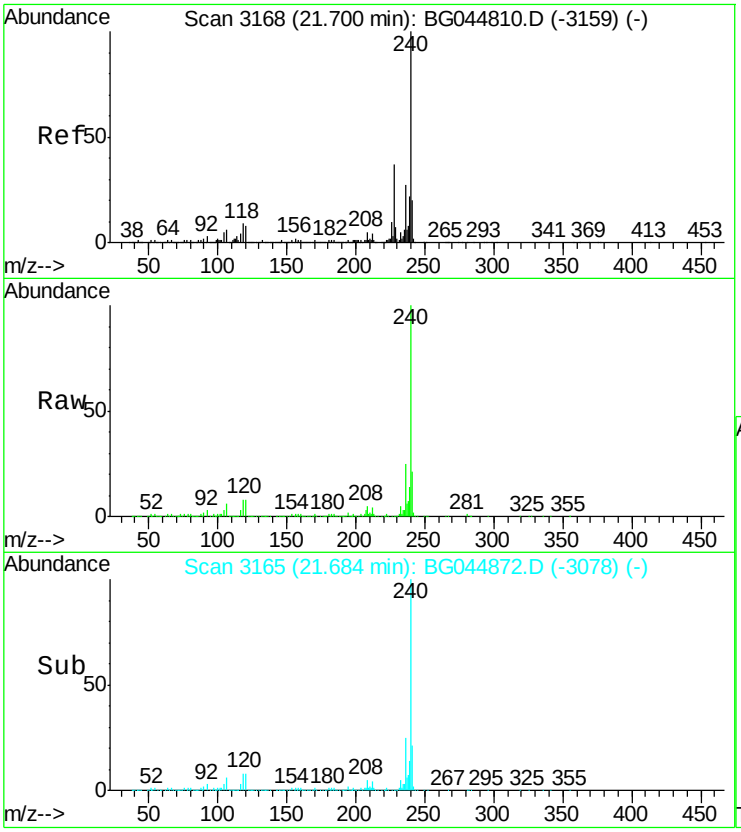


#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:248 Resp: 24683

Ion	Ratio	Lower	Upper
248	100		
250	197.0	77.9	116.9#
141	534.2	57.5	86.3#



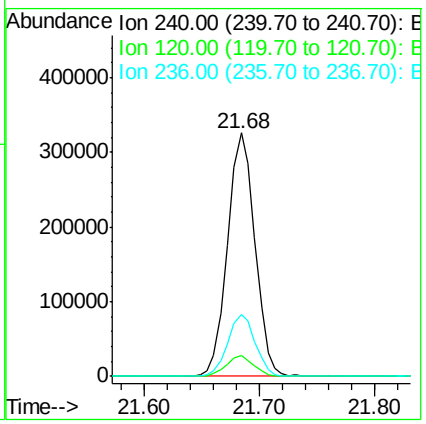


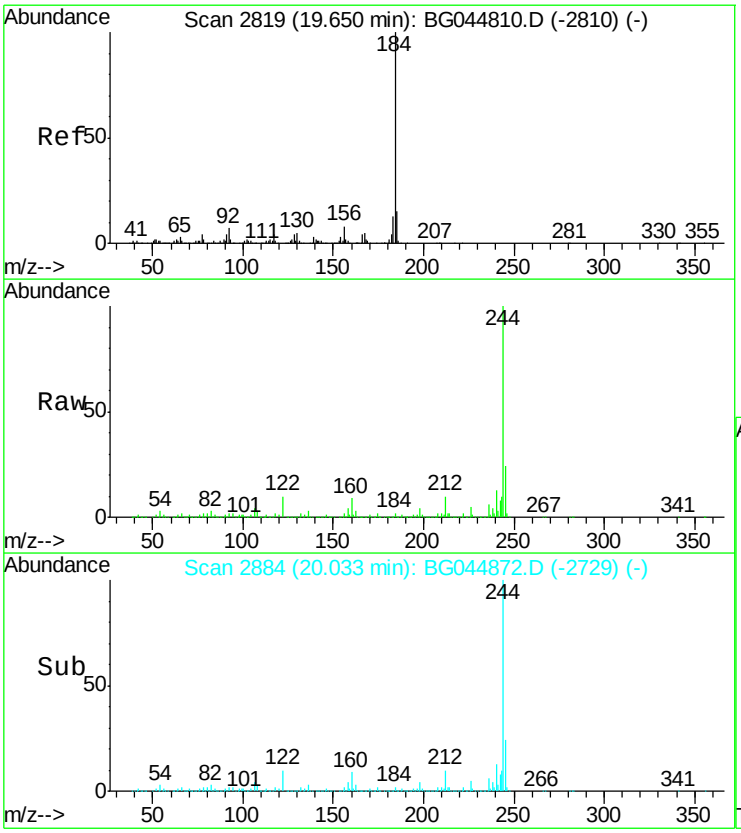
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:240 Resp: 534652

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.4	21.5	32.3

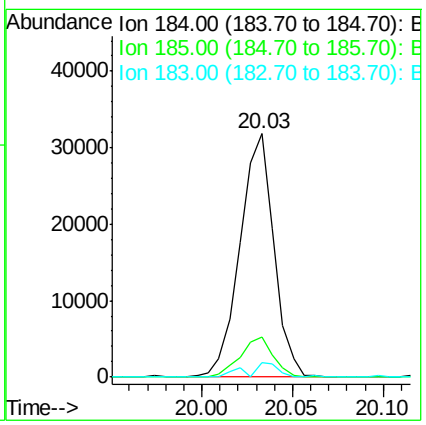


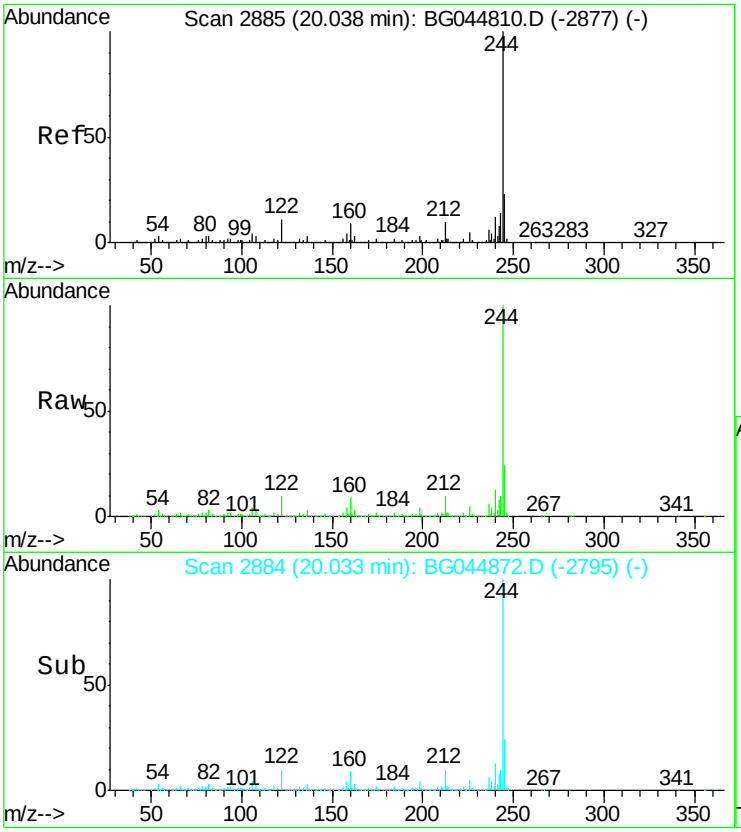


#77
Benzidine
Concen: 2.38 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:184 Resp: 41366

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.4
183	6.2	10.7	16.1#



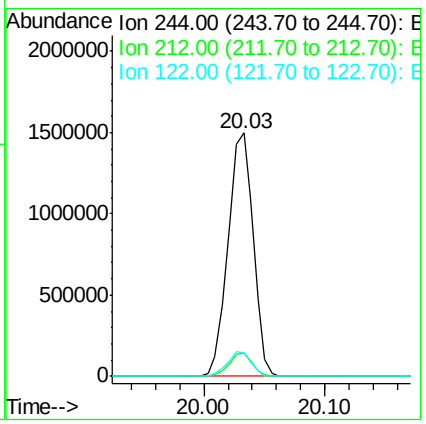


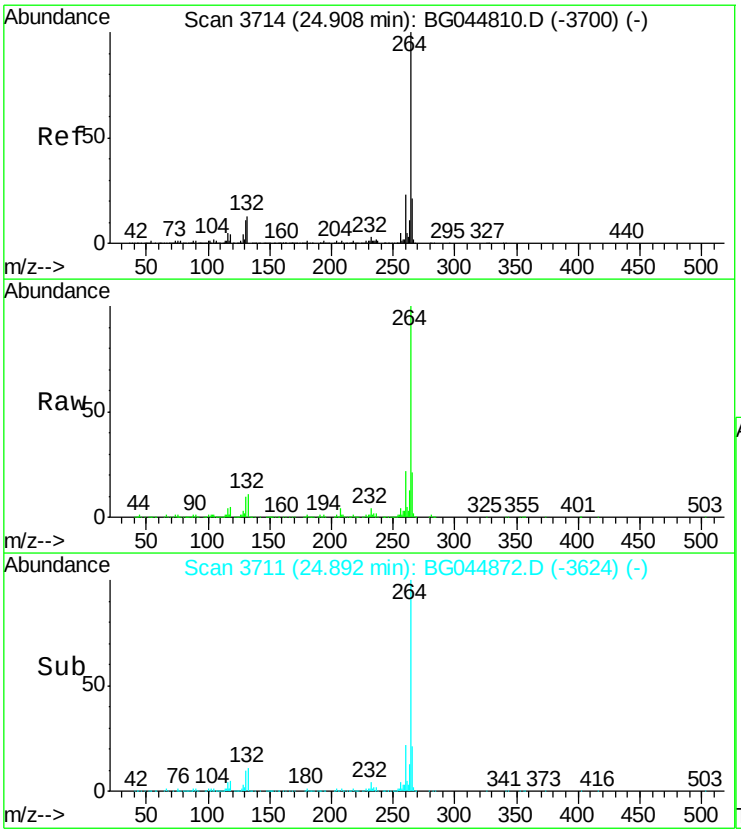
#79
Terphenyl-d14
Concen: 76.26 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Tgt Ion:244 Resp: 2179626

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.7	11.5
122	9.8	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: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion:264 Resp: 548107

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.1	27.1
265	21.5	17.1	25.7