Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044843.D
Acq On : 17 Mar 2020 21:49
Operator : CG/JU
Sample : L1922-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 18 11:46:27 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	8.05	152	97407	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	375486	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	252388	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	562443	20.00	ng	0.00
76) Chrysene-d12	21.69	240	487582	20.00	ng	-0.01
87) Perylene-d12	24.90	264	544603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	586039	93.66	ng	0.00
7) Phenol-d6	7.20	99	743990	81.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	607662	71.01	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	411205	124.43	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1295500	73.51	ng	0.00
79) Terphenyl-d14	20.03	244	2011565	77.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	1454	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	82815	12.900	ng	# 74
32) Benzoic acid	10.07	122	55	9.680	ng	# 1
50) Dimethylphthalate	14.13	163	152814	7.602	ng	98
54) 2,4-Dinitrophenol	14.47	184	53	8.345	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	34076	6.132	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.69	198	54	7.745	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	29662	4.219	ng	# 1
77) Benzidine	20.03	184	38815	2.452	ng	# 83

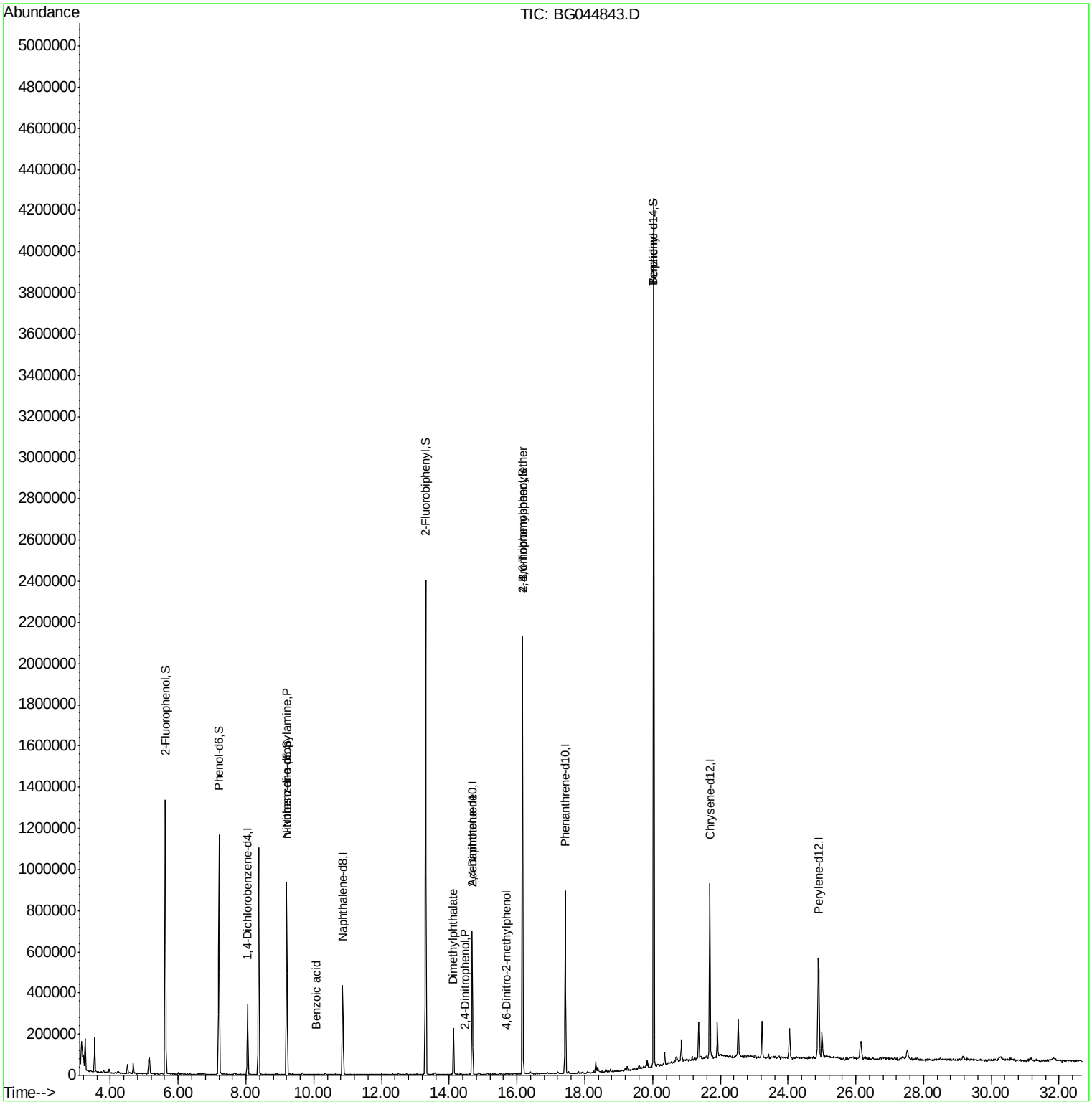
(#) = qualifier out of range (m) = manual integration (+) = signals summed

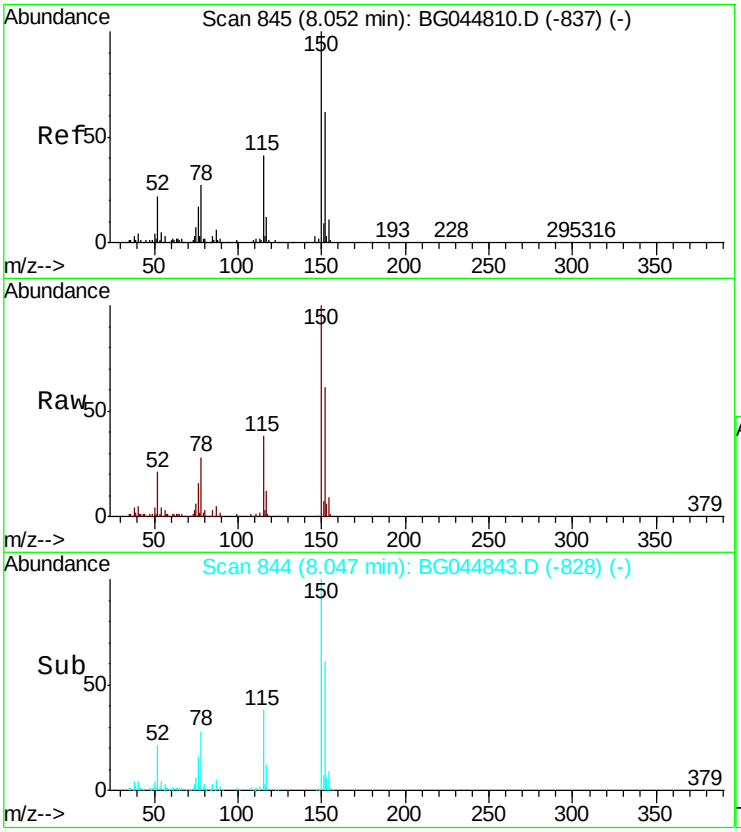
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044843.D
Acq On : 17 Mar 2020 21:49
Operator : CG/JU
Sample : L1922-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 18 11:46:27 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



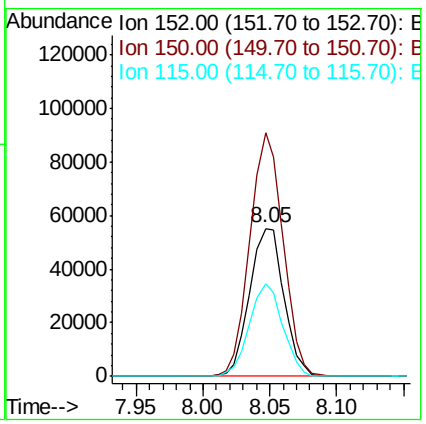


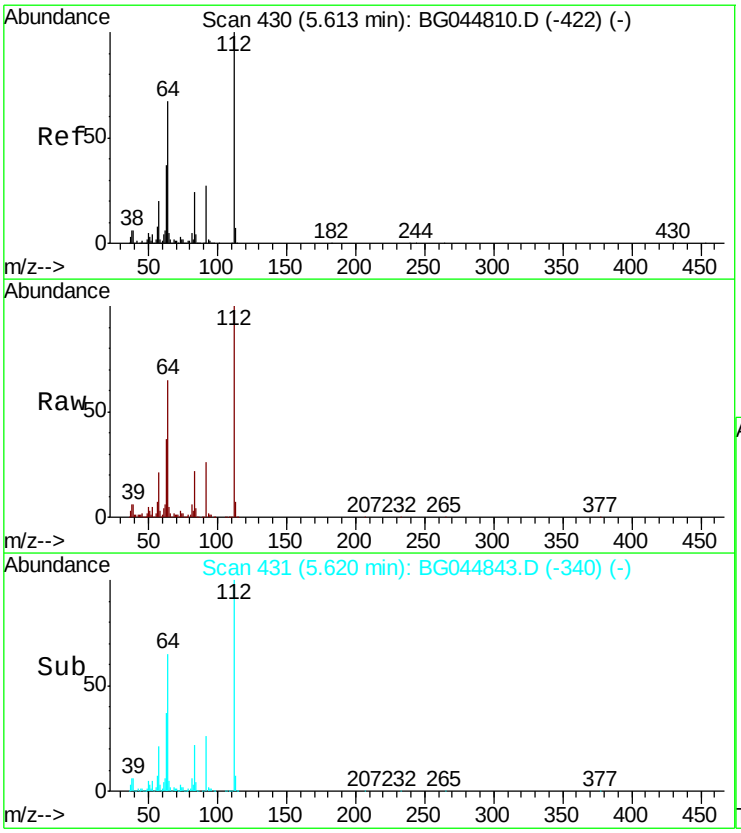
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 97407

Ion	Ratio	Lower	Upper
152	100		
150	164.8	128.8	193.2
115	62.9	52.6	79.0

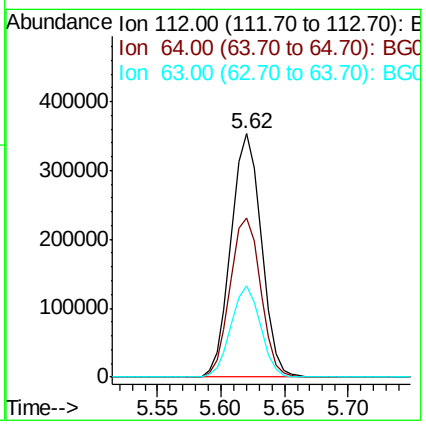


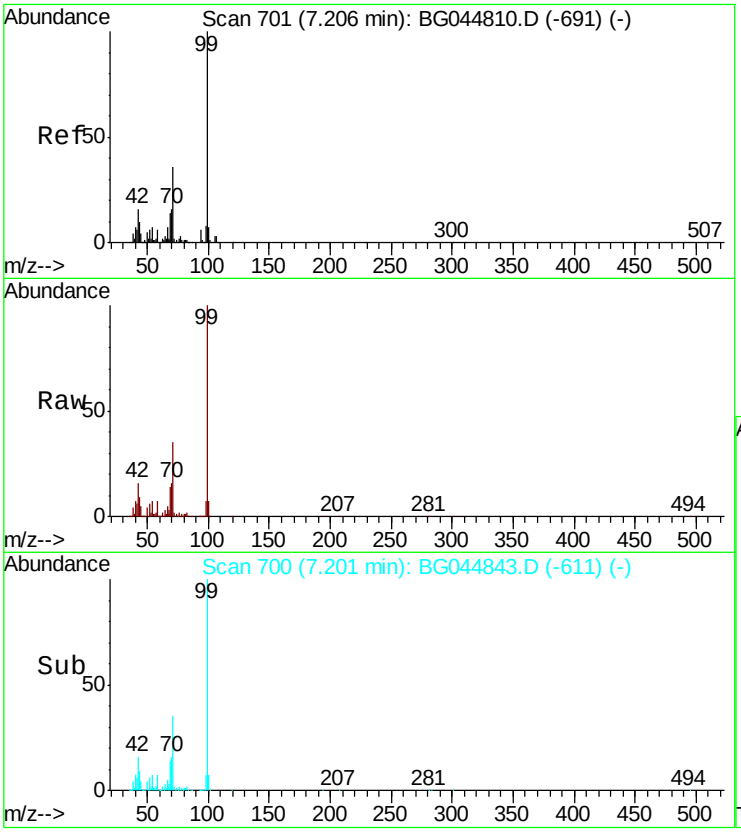


#5
2-Fluorophenol
Concen: 93.657 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:112 Resp: 586039

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.4	80.2
63	37.3	29.4	44.2



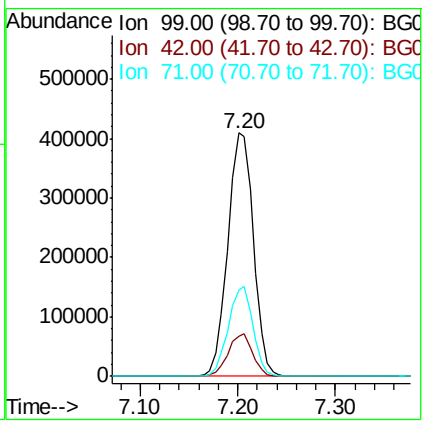


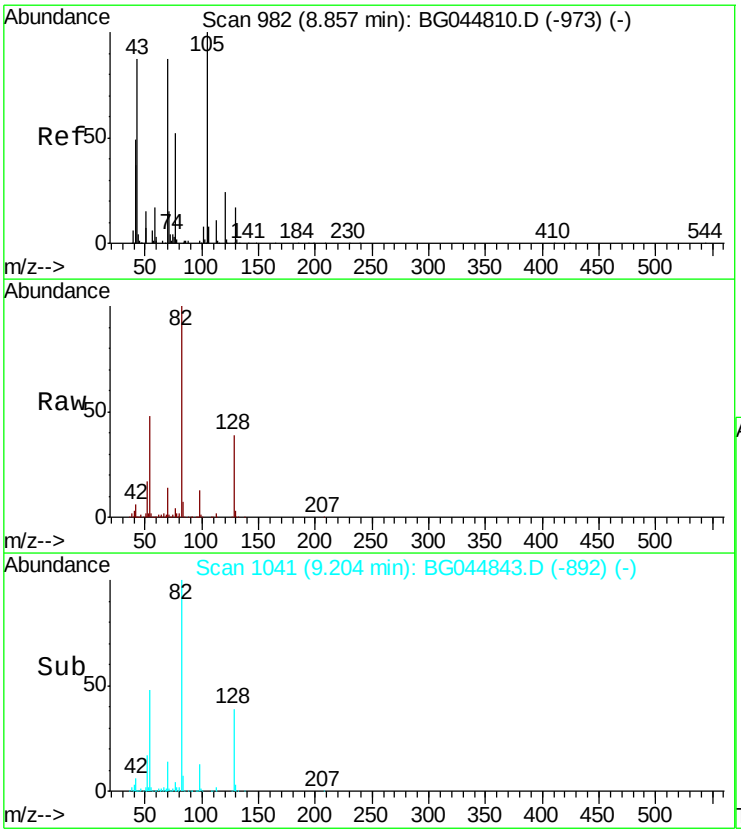
#7
Phenol-d6
Concen: 81.834 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 743990

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.6	19.0
71	35.5	29.0	43.4

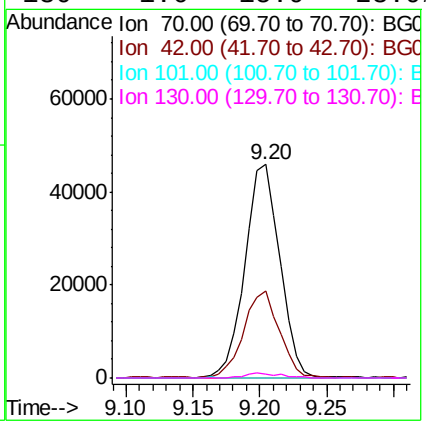


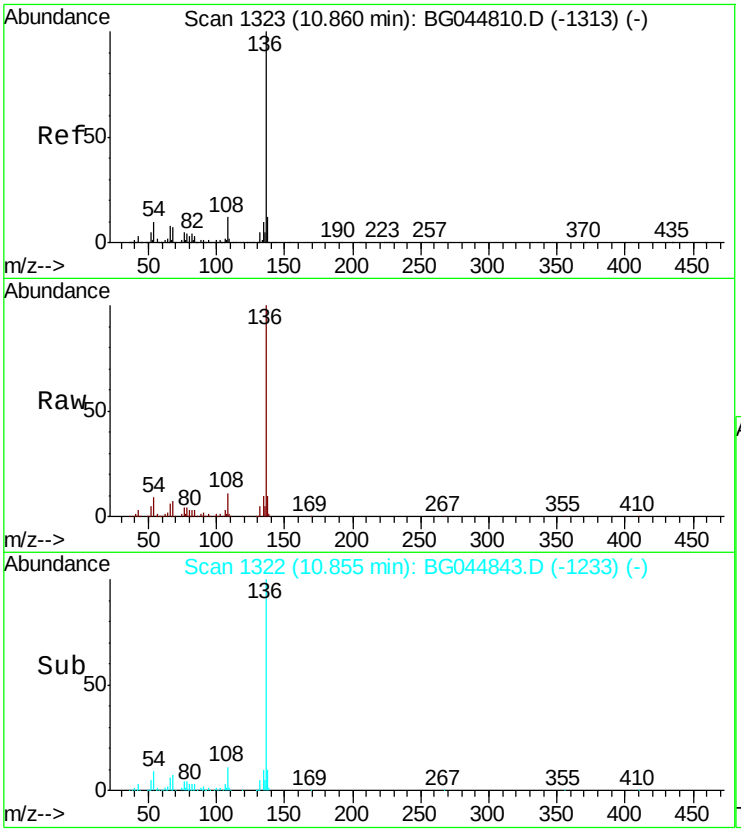


#19
n-Nitroso-di-n-propylamine
Concen: 12.900 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion: 70 Resp: 82815

Ion	Ratio	Lower	Upper
70	100		
42	40.9	45.7	68.5#
101	0.0	7.4	11.2#
130	1.6	15.9	23.9#



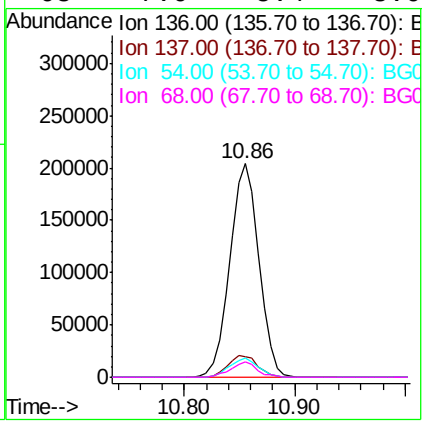


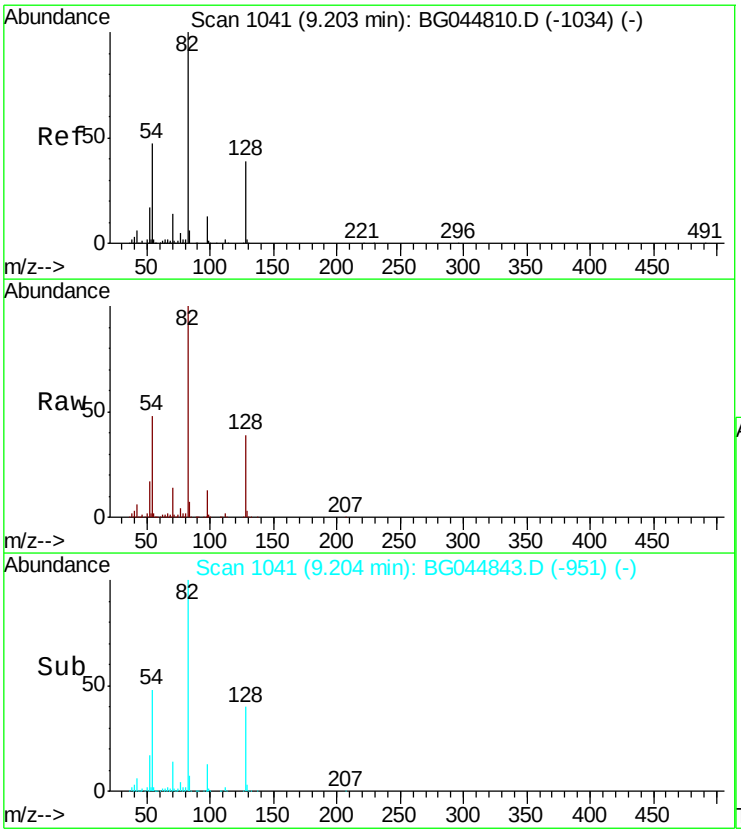
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 375486

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.8	14.6
54	8.9	7.9	11.9
68	7.0	5.4	8.0

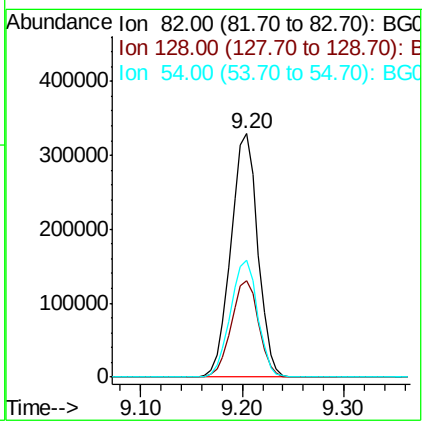


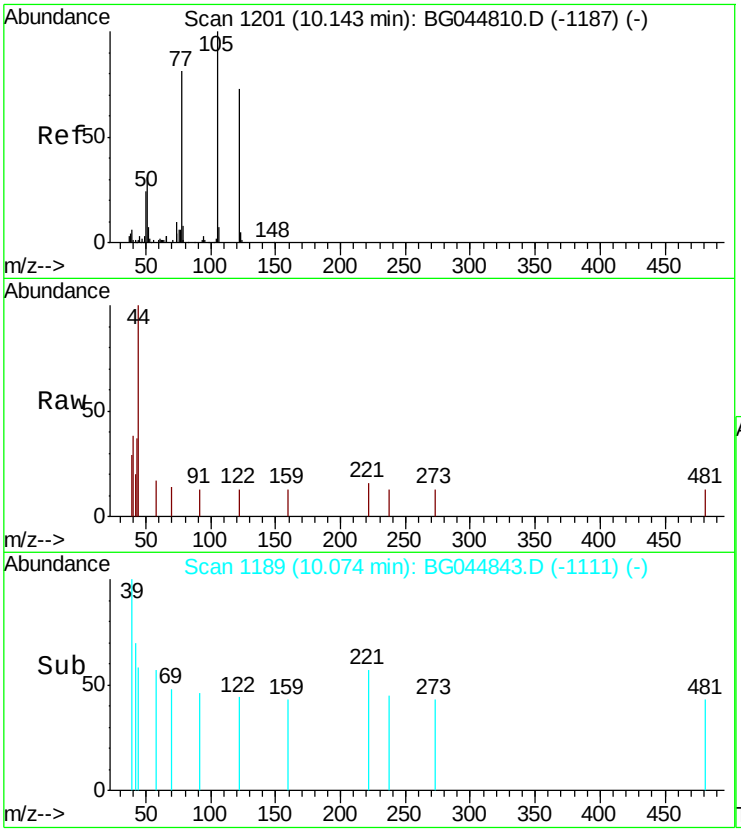


#23
Nitrobenzene-d5
Concen: 71.015 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion: 82 Resp: 607662

Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.6	46.0
54	48.1	37.1	55.7



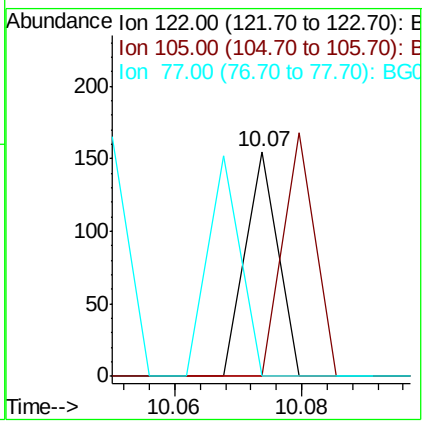


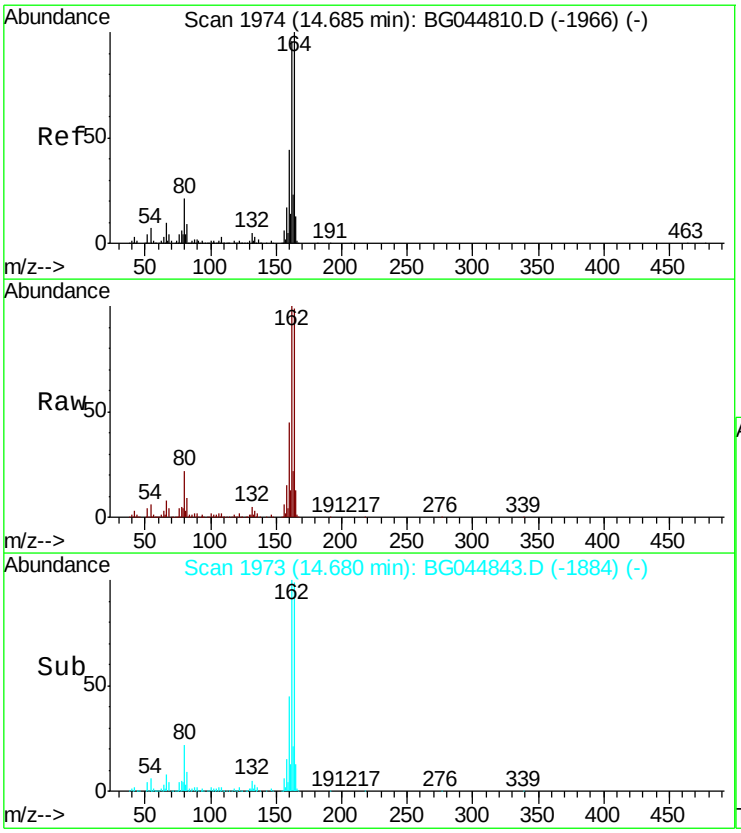
#32
Benzoic acid
Concen: 9.680 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.07 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

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#

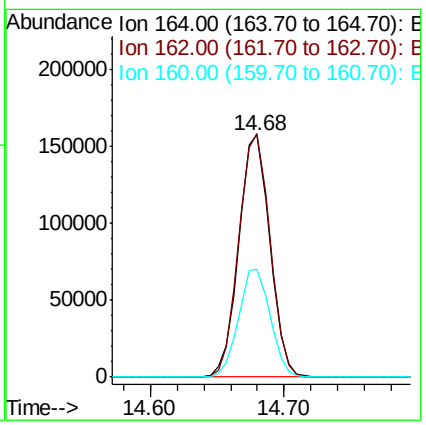


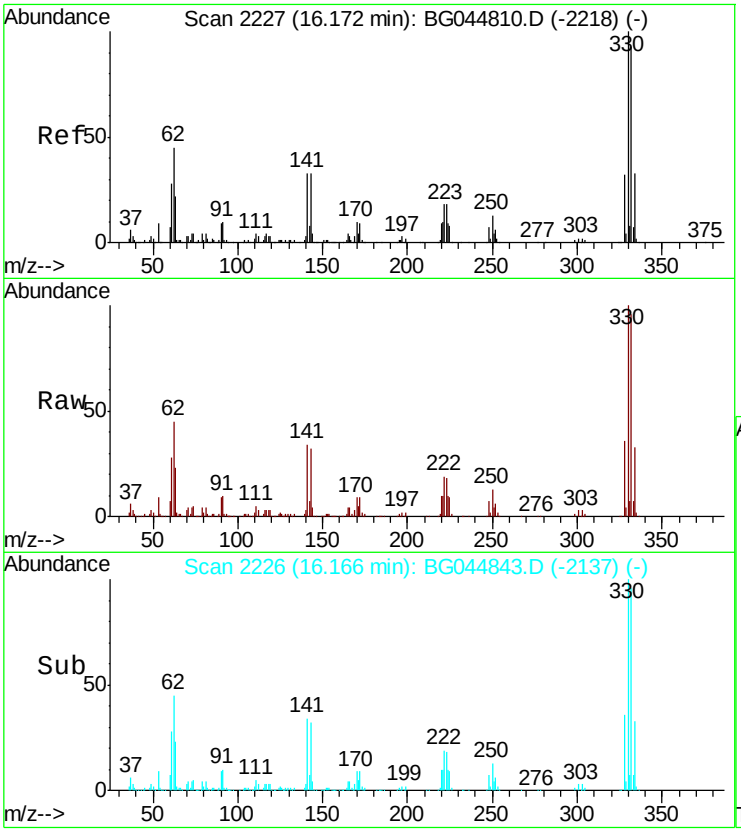


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:164 Resp: 252388

Ion	Ratio	Lower	Upper
164	100		
162	100.5	76.7	115.1
160	44.8	35.0	52.4



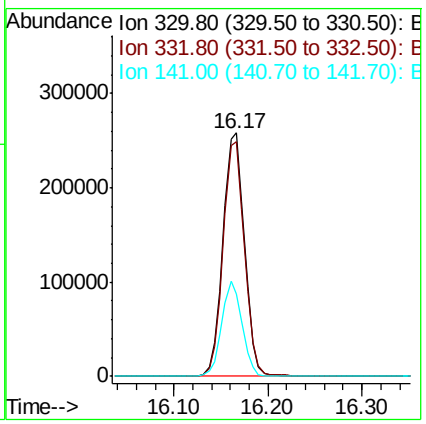


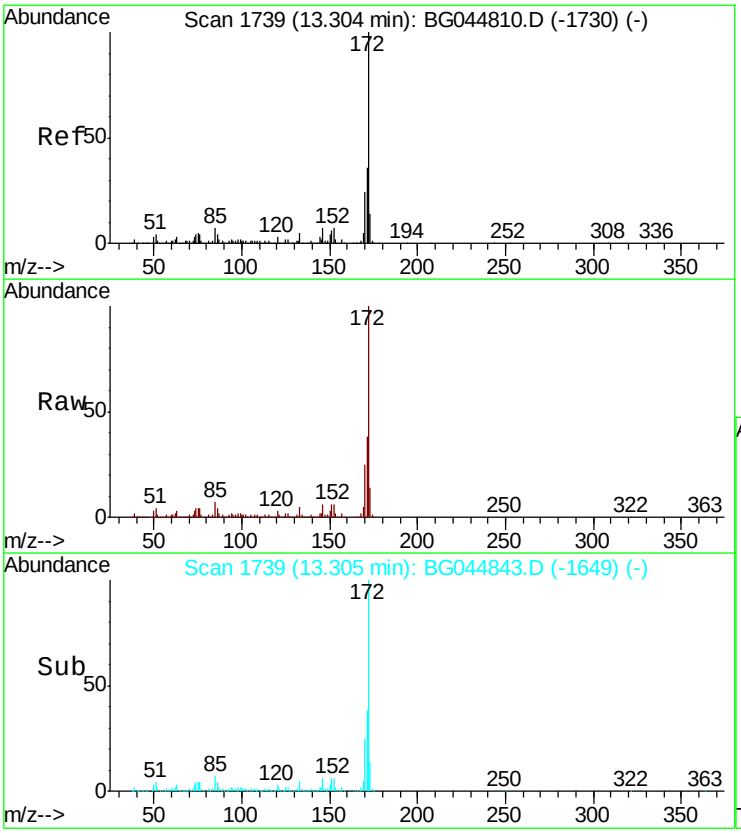
#42
2,4,6-Tribromophenol
Concen: 124.433 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 411205

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	37.3	29.5	44.3

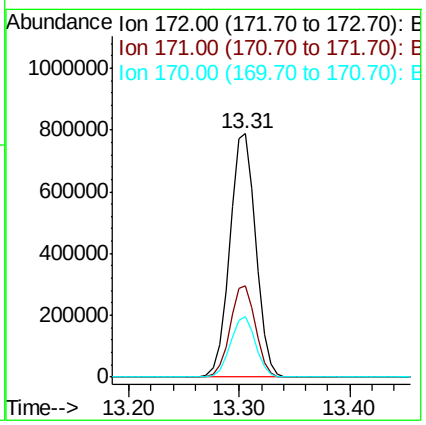


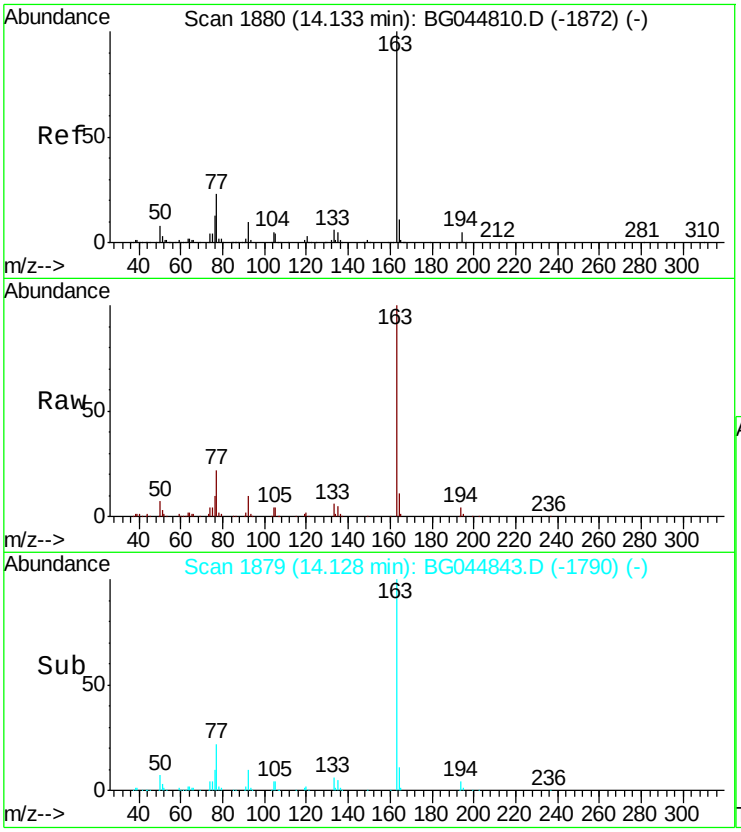


#45
2-Fluorobiphenyl
Concen: 73.506 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:172 Resp: 1295500

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	25.1	19.0	28.6



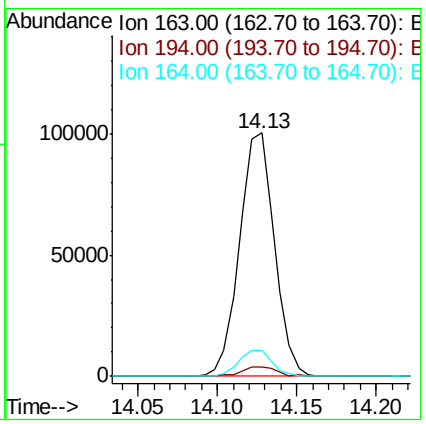


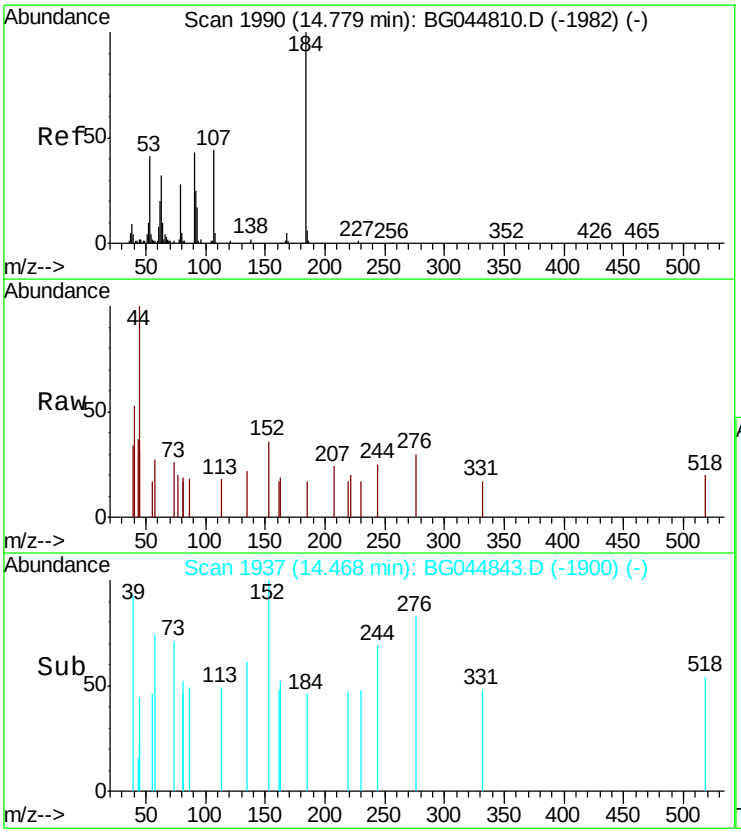
#50
Dimethylphthalate
Concen: 7.602 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 152814

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.5	9.1	13.7

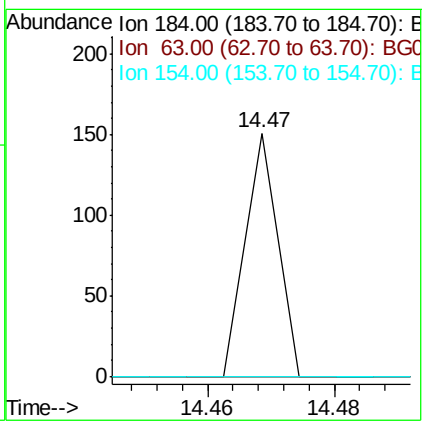


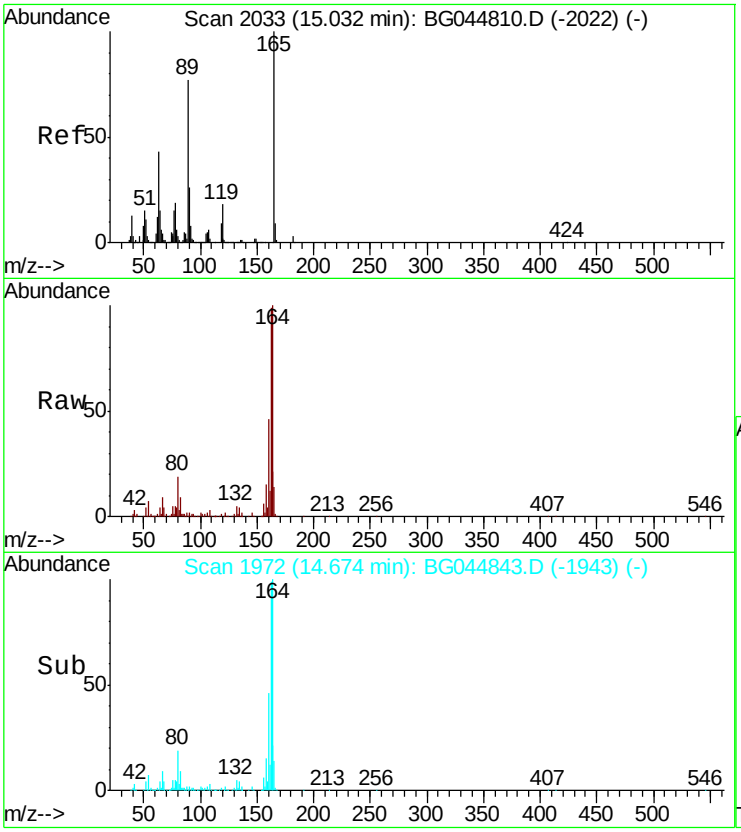


#54
2,4-Dinitrophenol
Concen: 8.345 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.31 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:184 Resp: 53

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



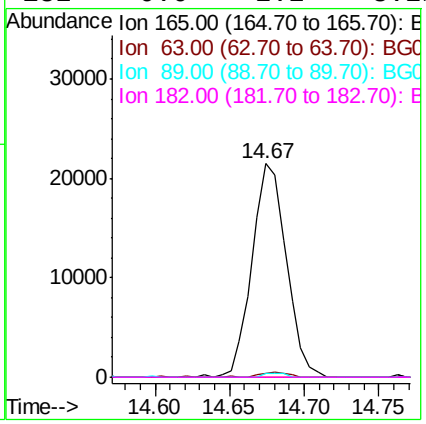


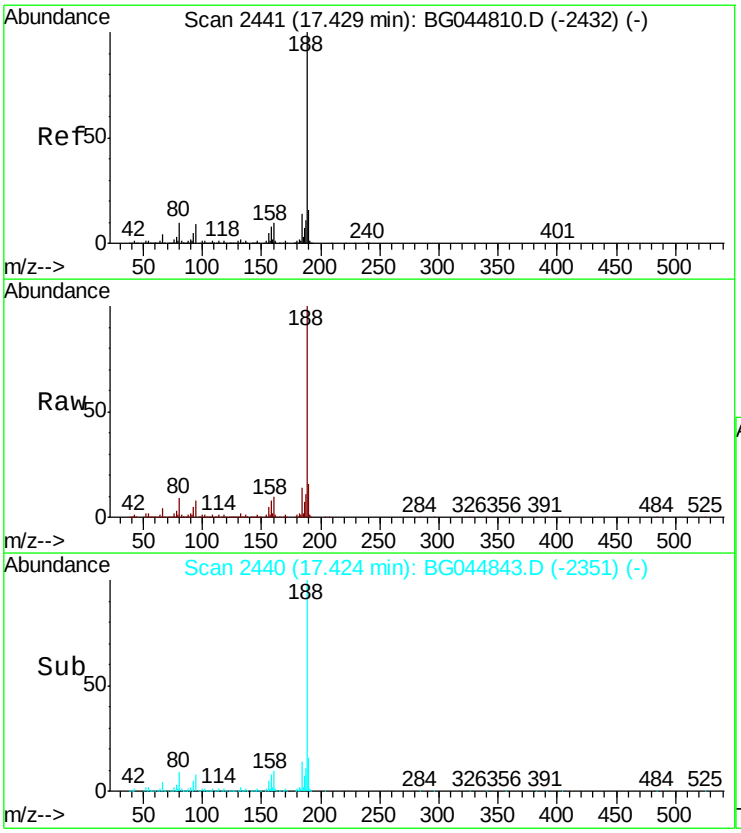
#57
2,4-Dinitrotoluene
Concen: 6.132 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 34076

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.8	61.3	91.9#
182	0.0	2.2	3.2#

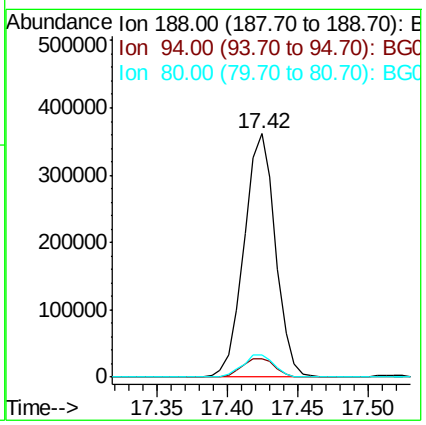


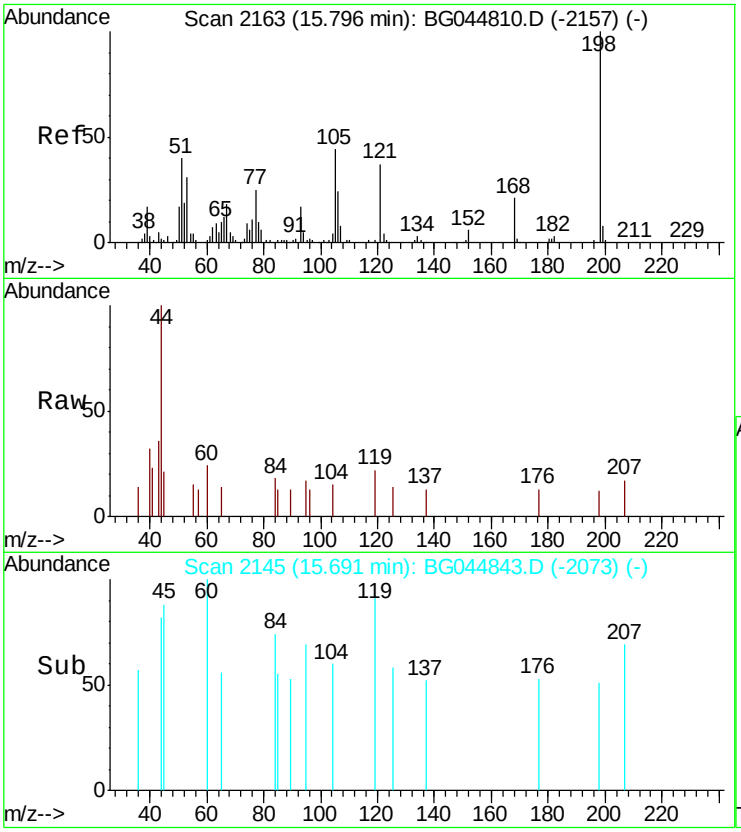


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:188 Resp: 562443

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.3	10.9
80	8.9	8.0	12.0



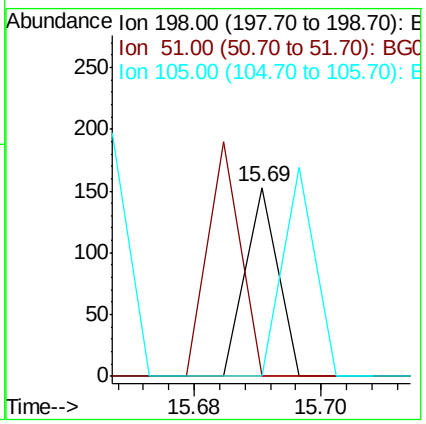


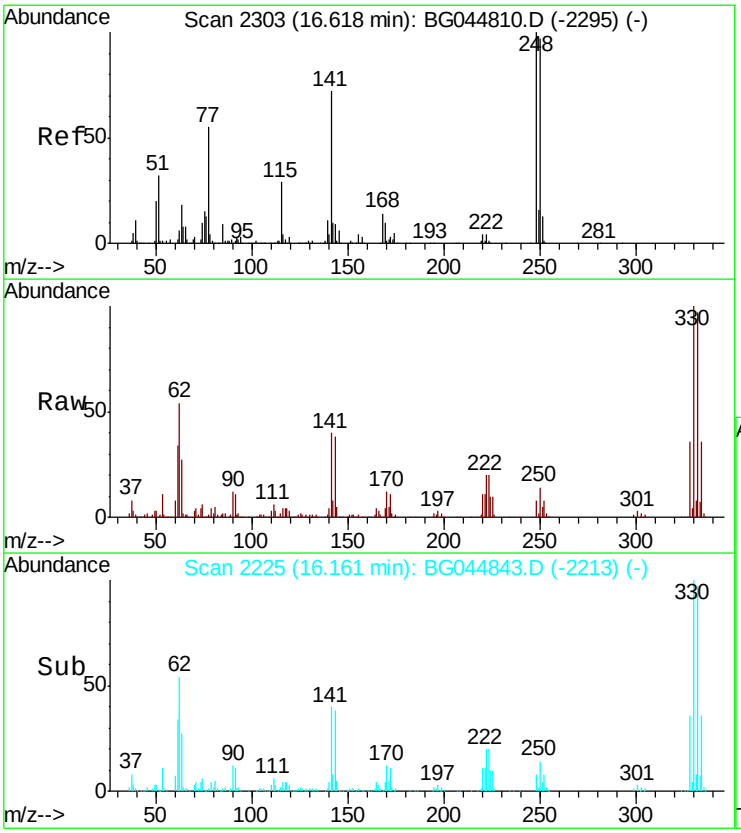
#65
4,6-Dinitro-2-methylphenol
Concen: 7.745 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.10 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 54

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

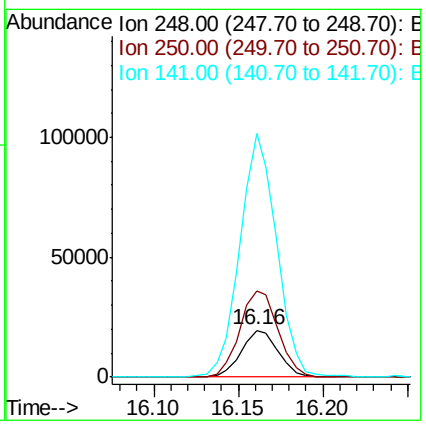


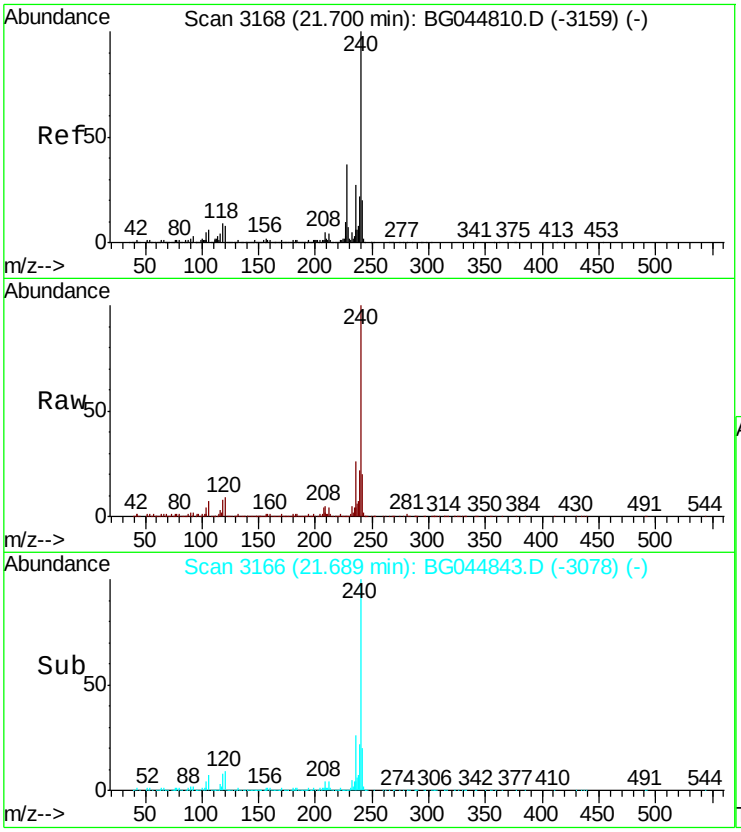


#67
4-Bromophenyl-phenylether
Concen: 4.219 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:248 Resp: 29662

Ion	Ratio	Lower	Upper
248	100		
250	182.9	77.9	116.9#
141	516.9	57.5	86.3#



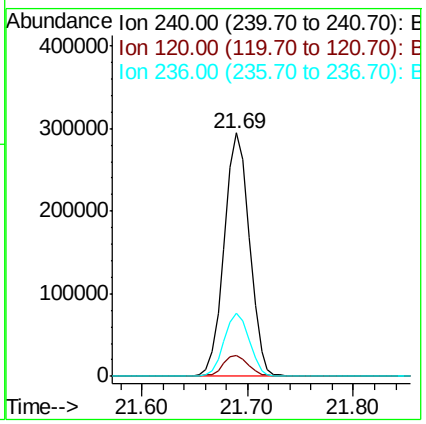


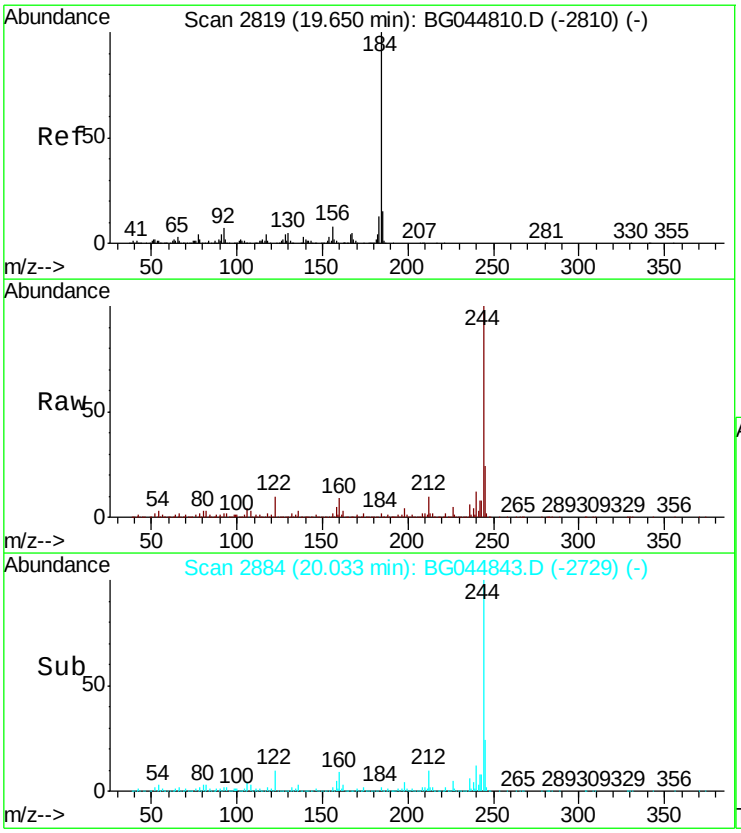
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 487582

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	26.1	21.5	32.3

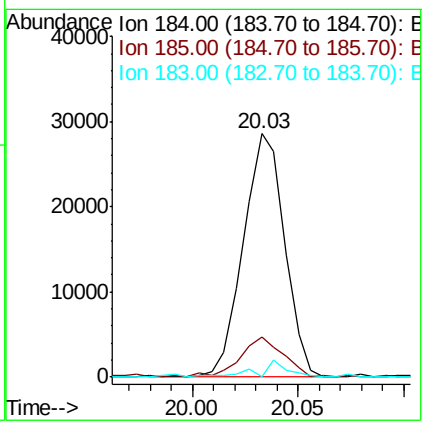


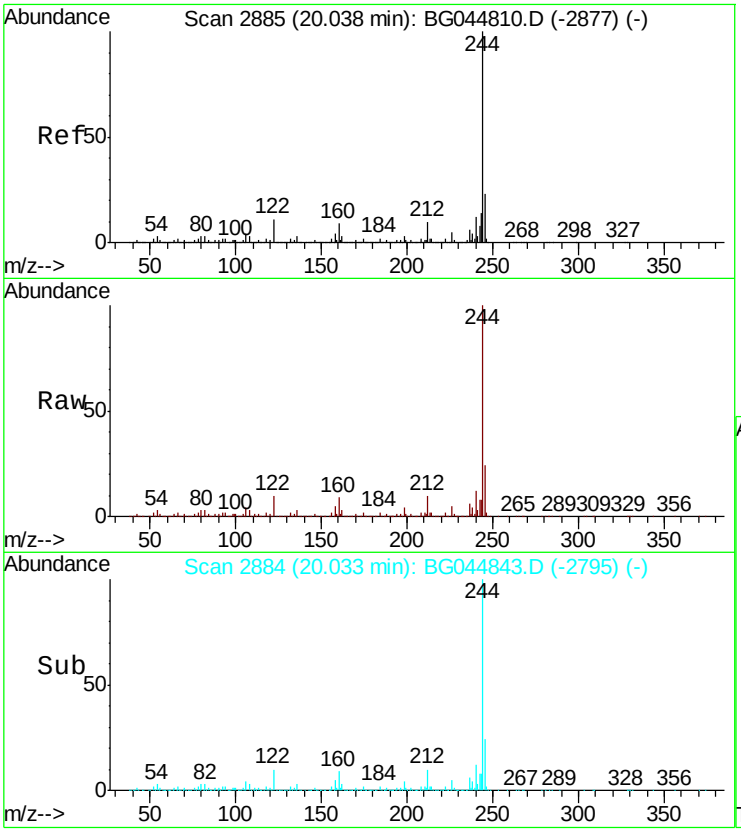


#77
Benzidine
Concen: 2.452 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:184 Resp: 38815

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.2	18.4
183	0.0	10.7	16.1#



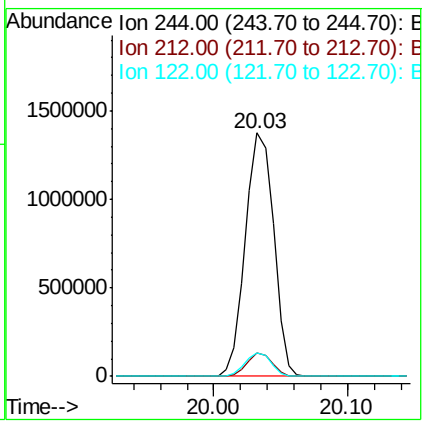


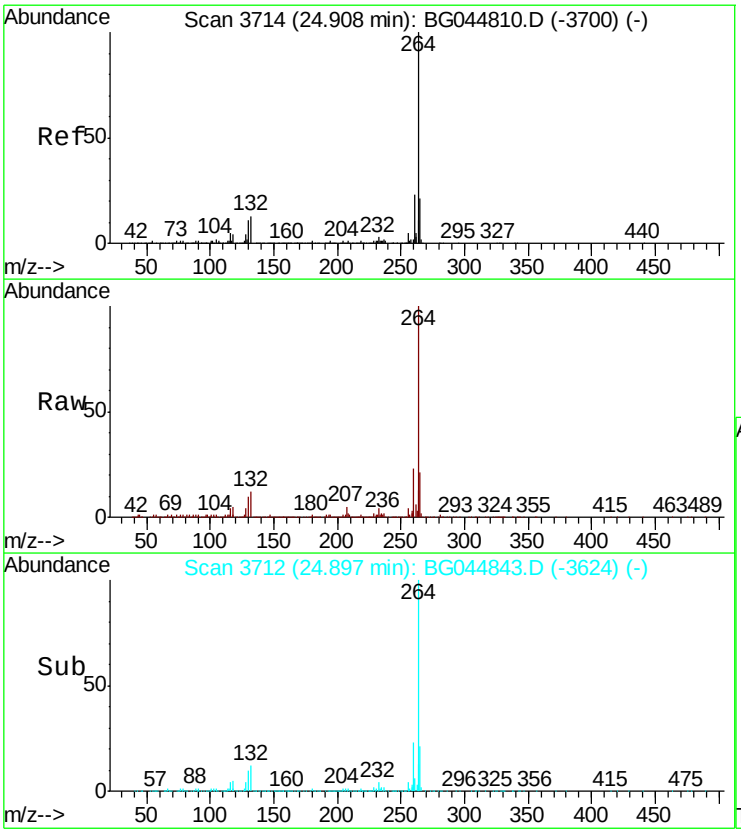
#79
Terphenyl-d14
Concen: 77.171 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2011565

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	9.9	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:264 Resp: 544603

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.1	27.1
265	21.2	17.1	25.7