Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044898.D
Acq On : 19 Mar 2020 14:58
Operator : CG/JU
Sample : L1948-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 15:42:05 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	75032	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	278636	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	179945	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	417371	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	475039	20.00	ng	-0.02
87) Perylene-d12	24.88	264	506405	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	555504	115.25	ng	0.00
7) Phenol-d6	7.20	99	681625	97.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	578374	91.09	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	373733	158.62	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1182752	94.13	ng	0.00
79) Terphenyl-d14	20.03	244	2137942	84.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	1768	Below Cal	#	31
19) n-Nitroso-di-n-propylamine	9.20	70	78233	15.821	ng	# 77
32) Benzoic acid	10.58	122	61	9.685	ng	# 1
50) Dimethylphthalate	14.12	163	48031	3.351	ng	99
51) 2,6-Dinitrotoluene	14.67	165	23040	7.976	ng	# 22
57) 2,4-Dinitrotoluene	14.67	165	23040	5.815	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.88	198	66	7.756	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	25719	4.929	ng	# 1
77) Benzidine	20.03	184	43065	2.793	ng	# 91

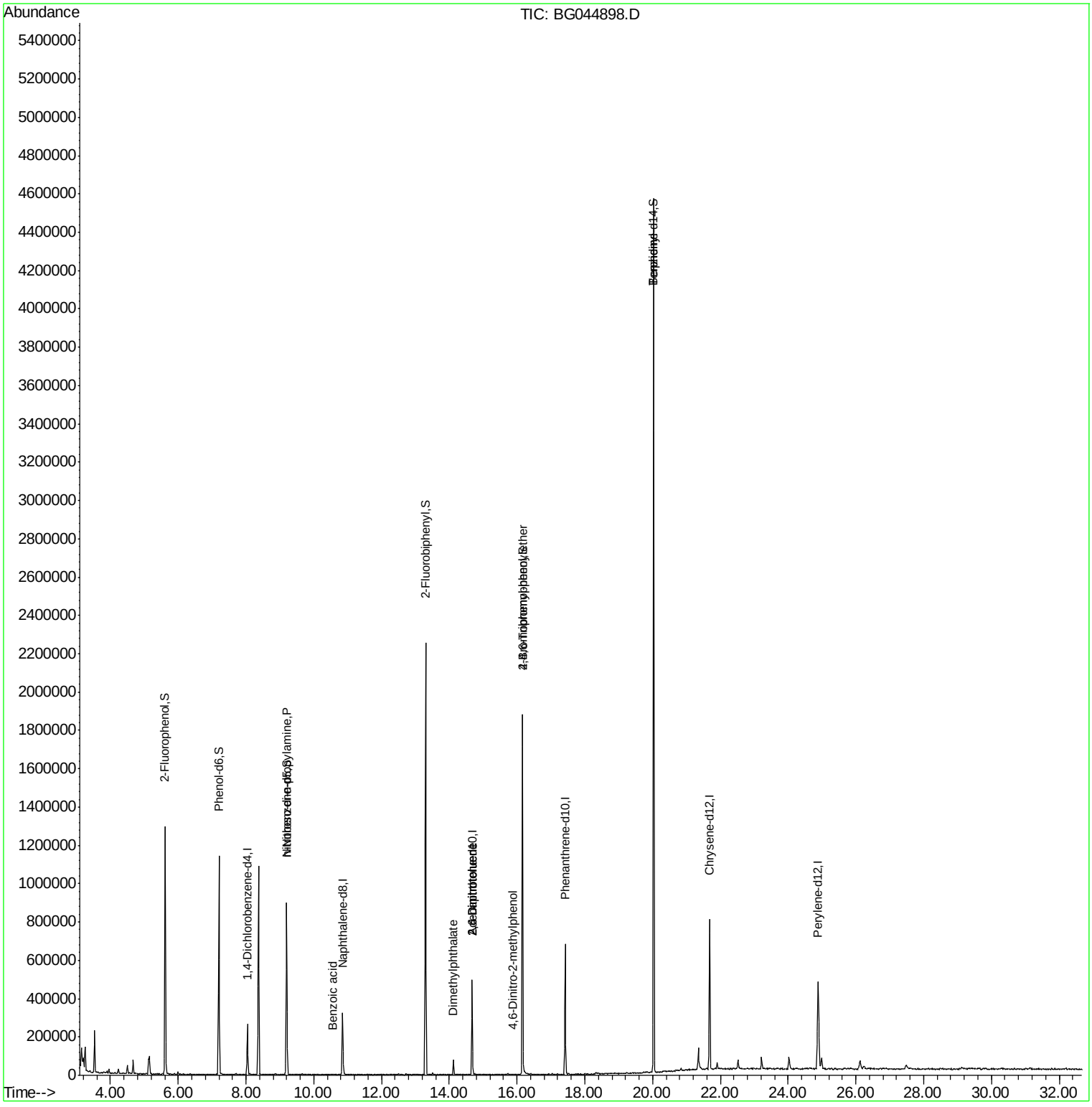
(#) = qualifier out of range (m) = manual integration (+) = signals summed

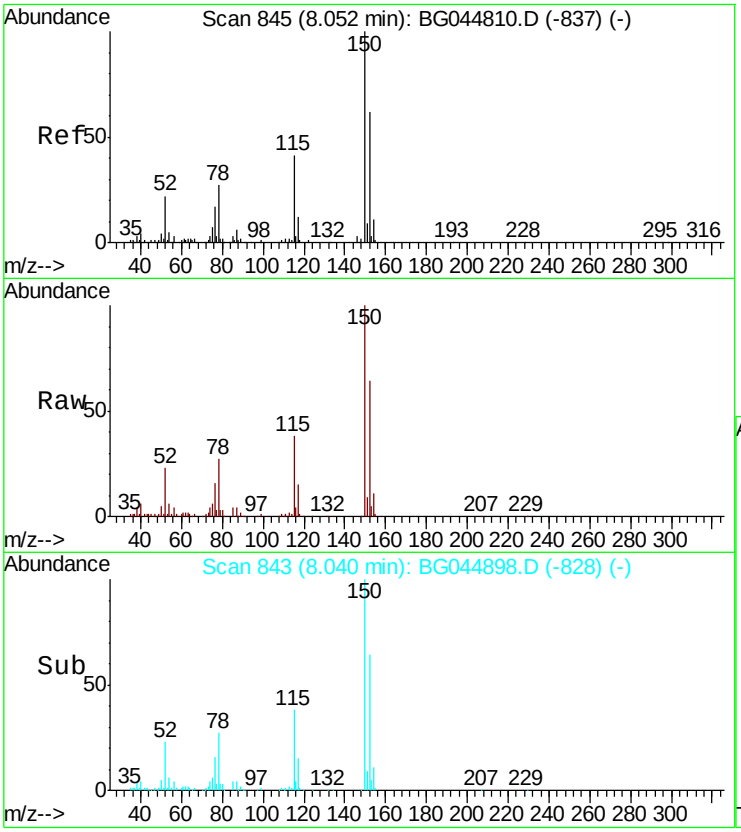
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044898.D
Acq On : 19 Mar 2020 14:58
Operator : CG/JU
Sample : L1948-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 15:42:05 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



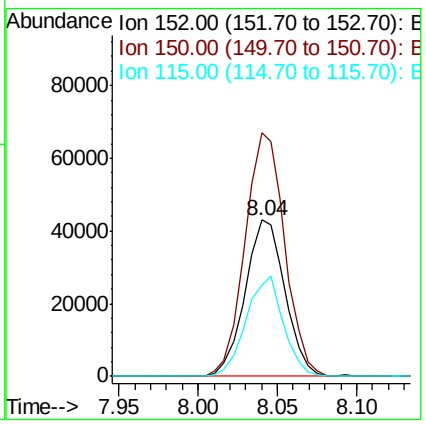


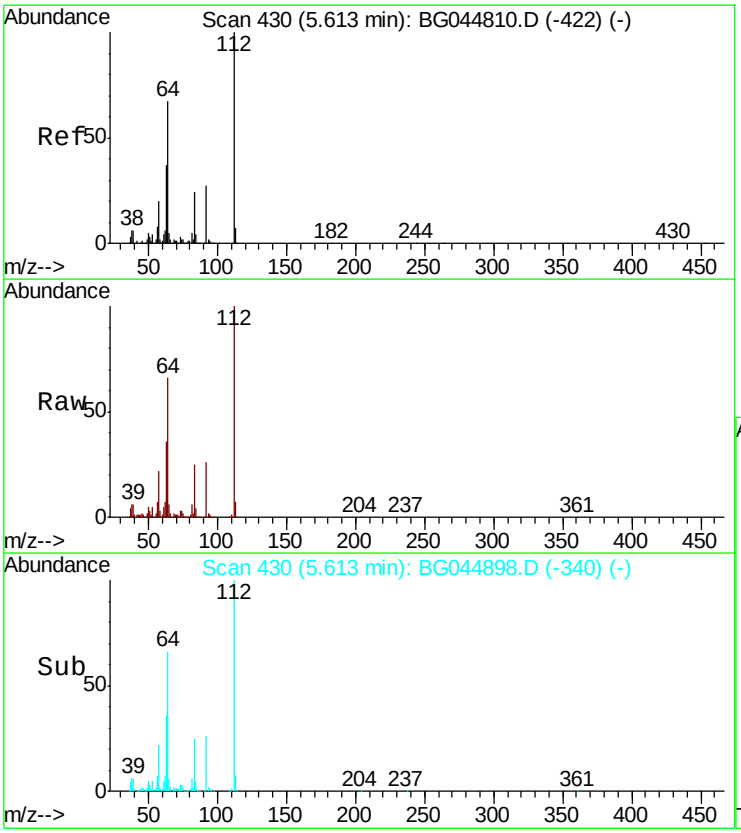
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 75032

Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.8	193.2
115	58.8	52.6	79.0

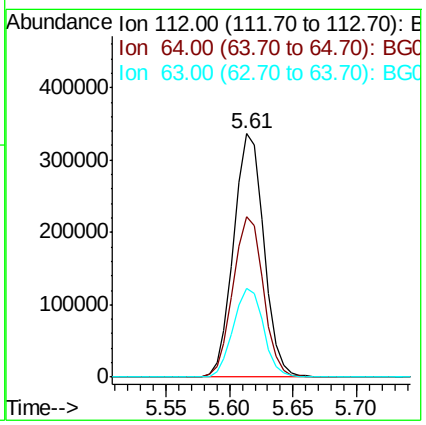


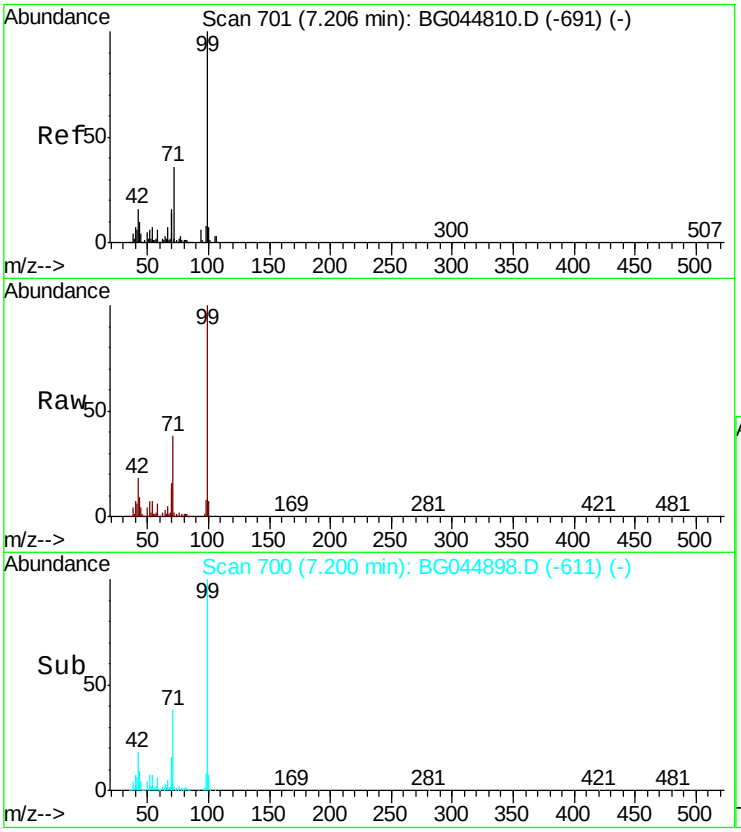


#5
2-Fluorophenol
Concen: 115.251 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:112 Resp: 555504

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.4	80.2
63	36.3	29.4	44.2



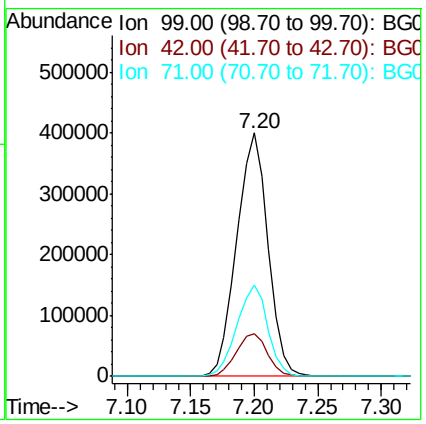


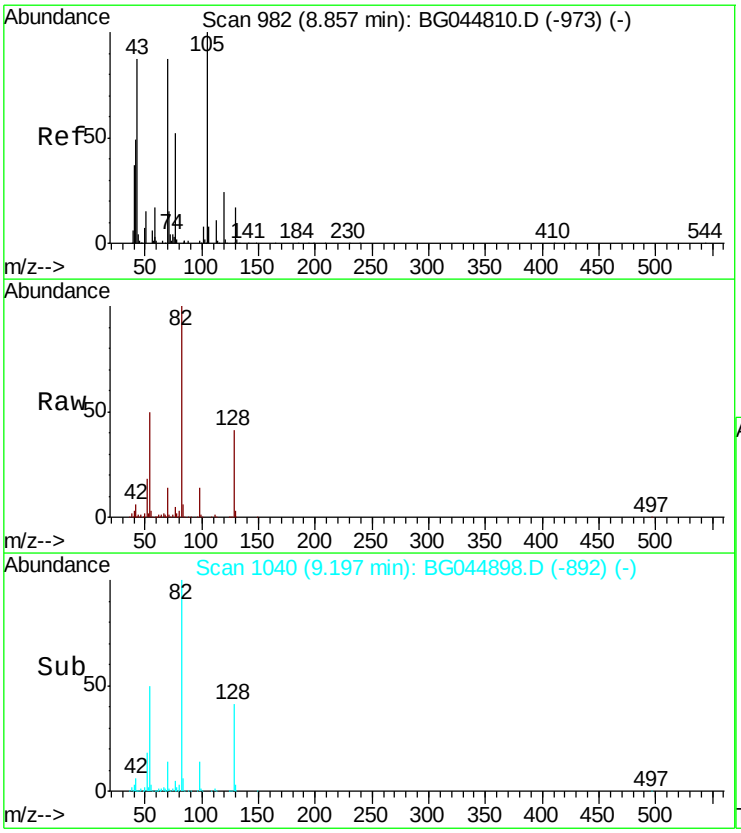
#7
Phenol-d6
Concen: 97.332 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 681625

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.6	19.0
71	37.6	29.0	43.4

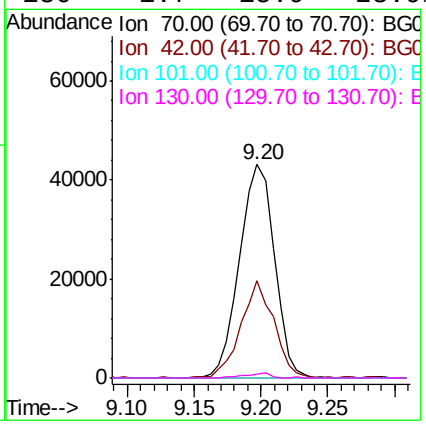


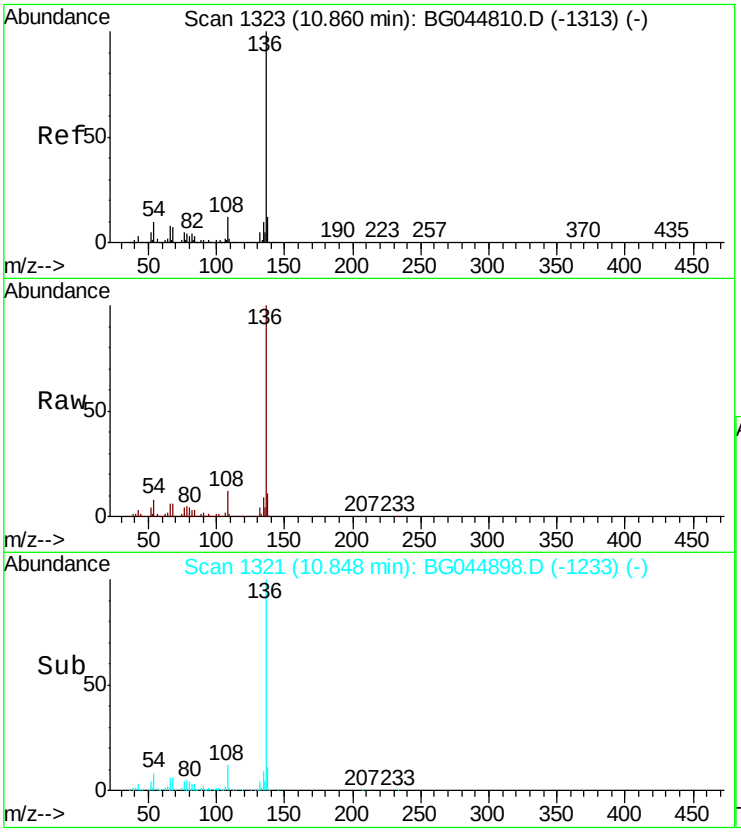


#19
n-Nitroso-di-n-propylamine
Concen: 15.821 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion: 70 Resp: 78233

Ion	Ratio	Lower	Upper
70	100		
42	45.3	45.7	68.5#
101	0.0	7.4	11.2#
130	1.7	15.9	23.9#



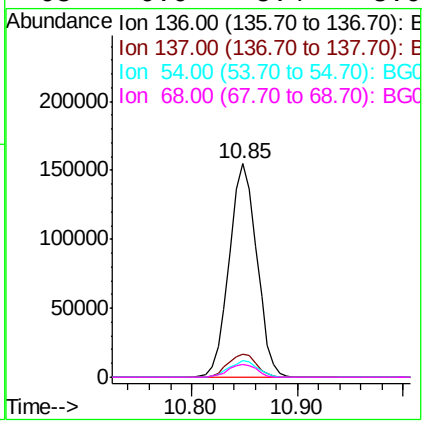


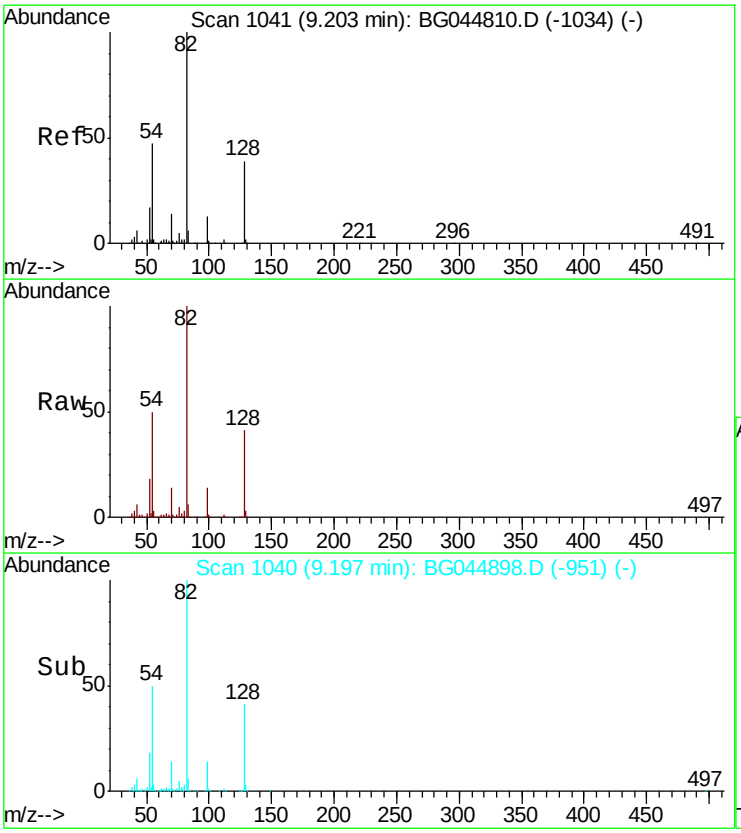
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 278636

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	7.9	7.9	11.9#
68	6.0	5.4	8.0

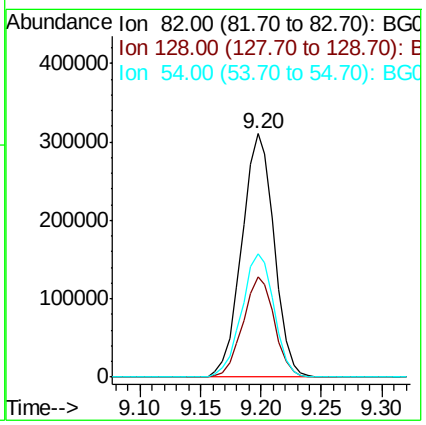


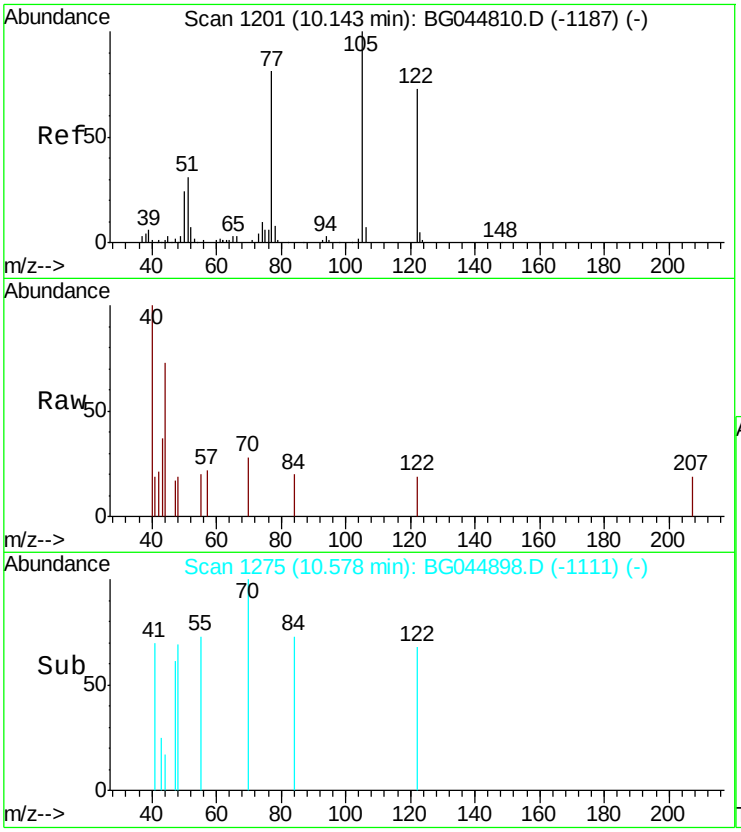


#23
Nitrobenzene-d5
Concen: 91.086 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion: 82 Resp: 578374

Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.6	46.0
54	50.5	37.1	55.7



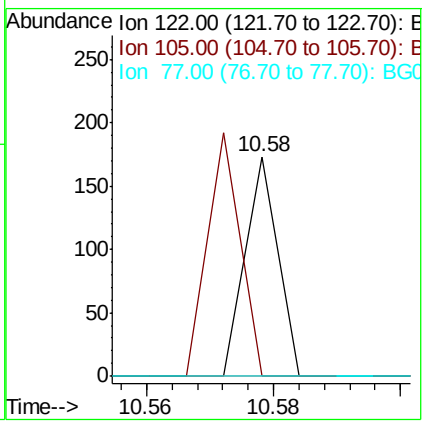


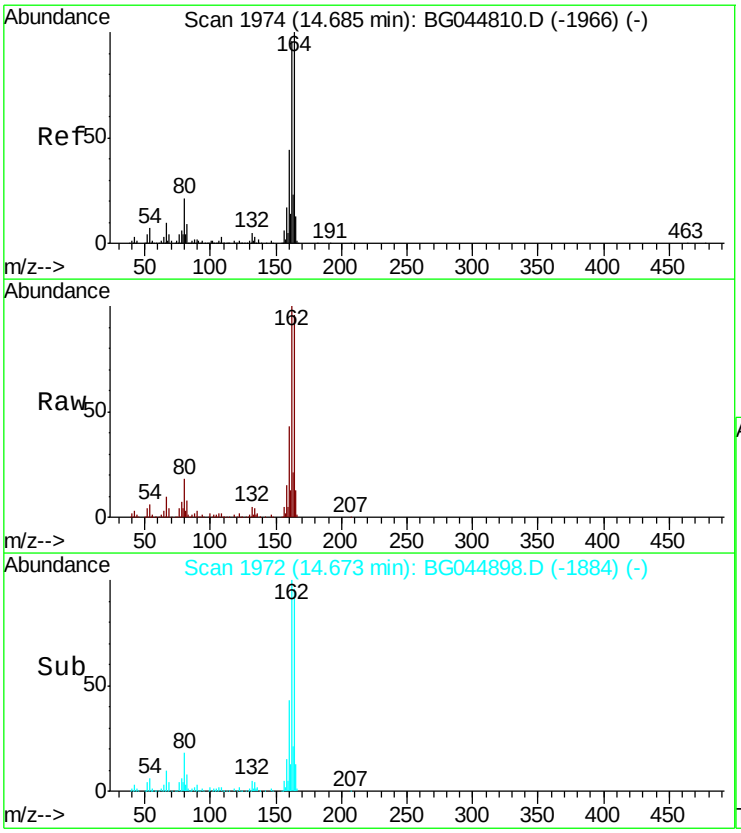
#32
Benzoic acid
Concen: 9.685 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.43 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:122 Resp: 61

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

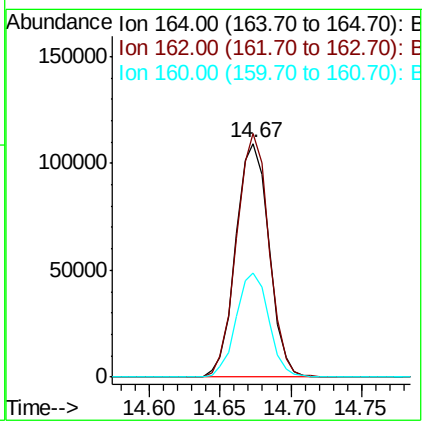


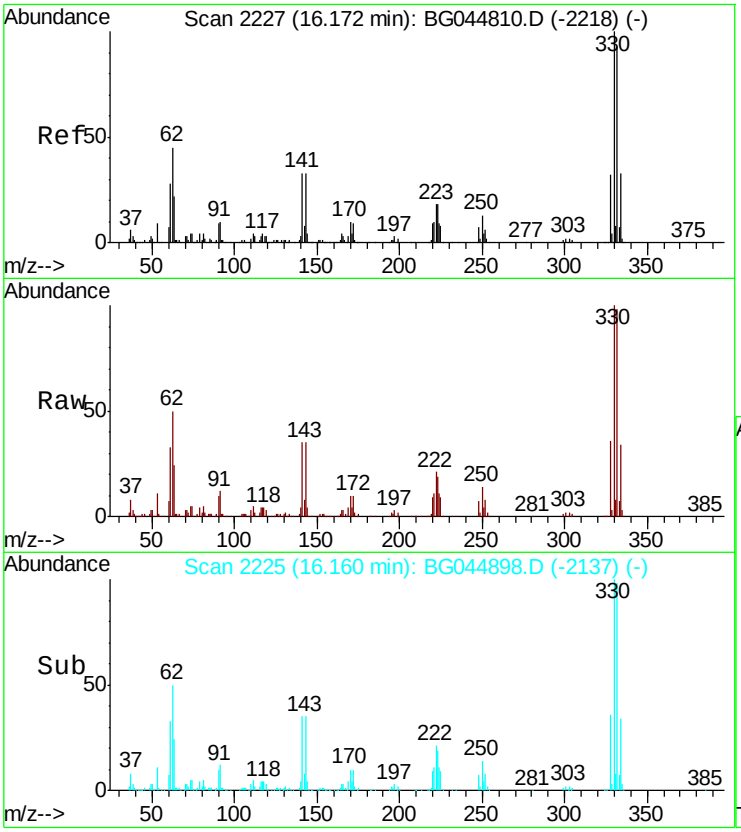


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:164 Resp: 179945

Ion	Ratio	Lower	Upper
164	100		
162	104.2	76.7	115.1
160	44.7	35.0	52.4



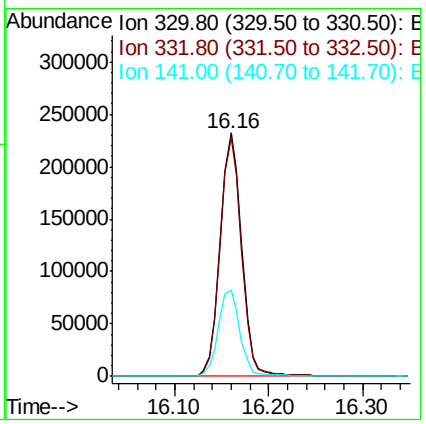


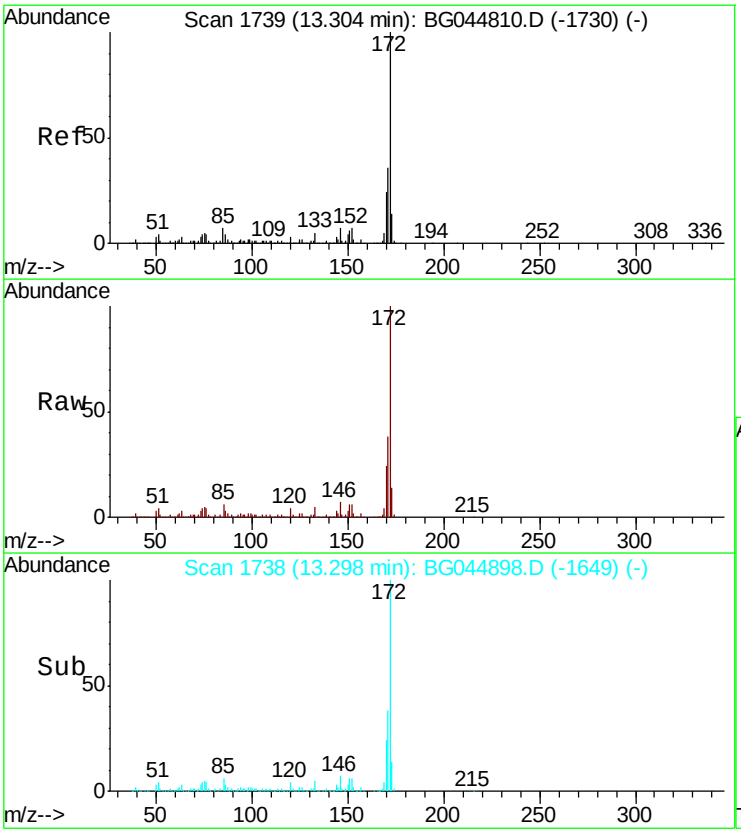
#42
2,4,6-Tribromophenol
Concen: 158.623 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 373733

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	35.7	29.5	44.3

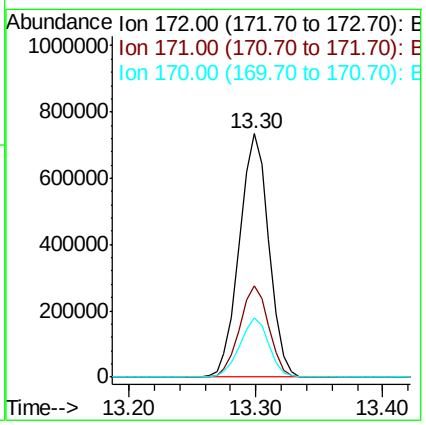


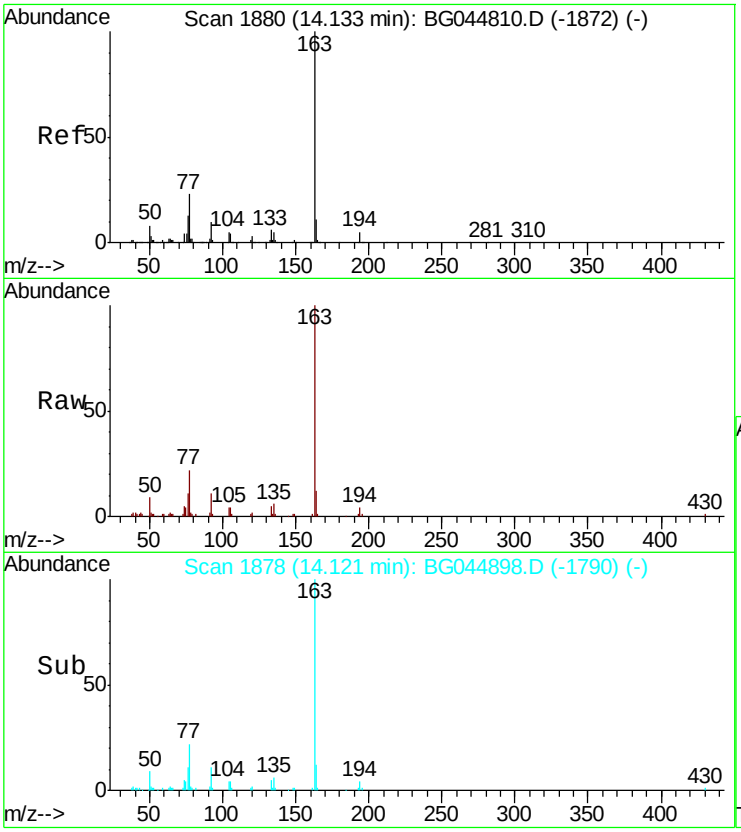


#45
2-Fluorobiphenyl
Concen: 94.125 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:172 Resp: 1182752

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	24.4	19.0	28.6



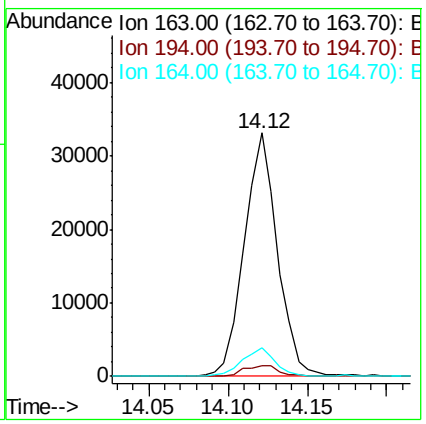


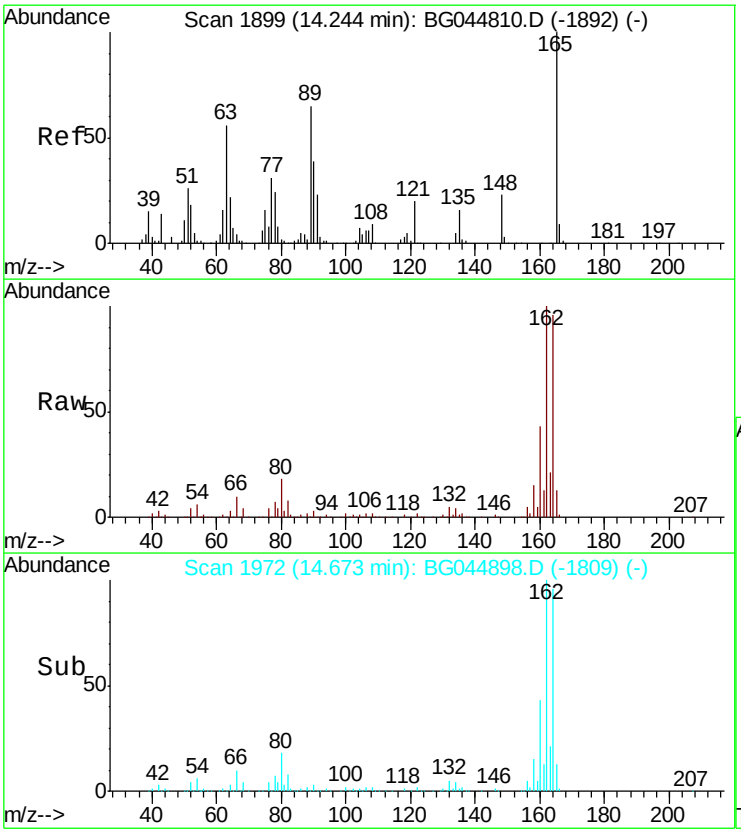
#50
Dimethylphthalate
Concen: 3.351 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 48031

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	12.0	9.1	13.7

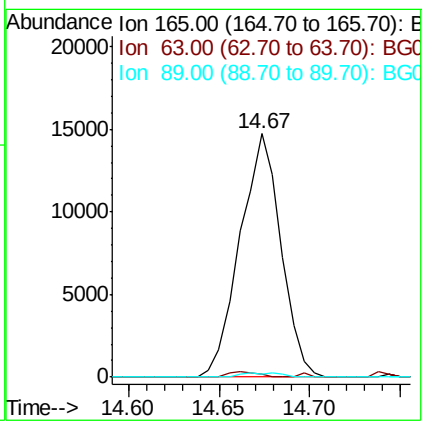


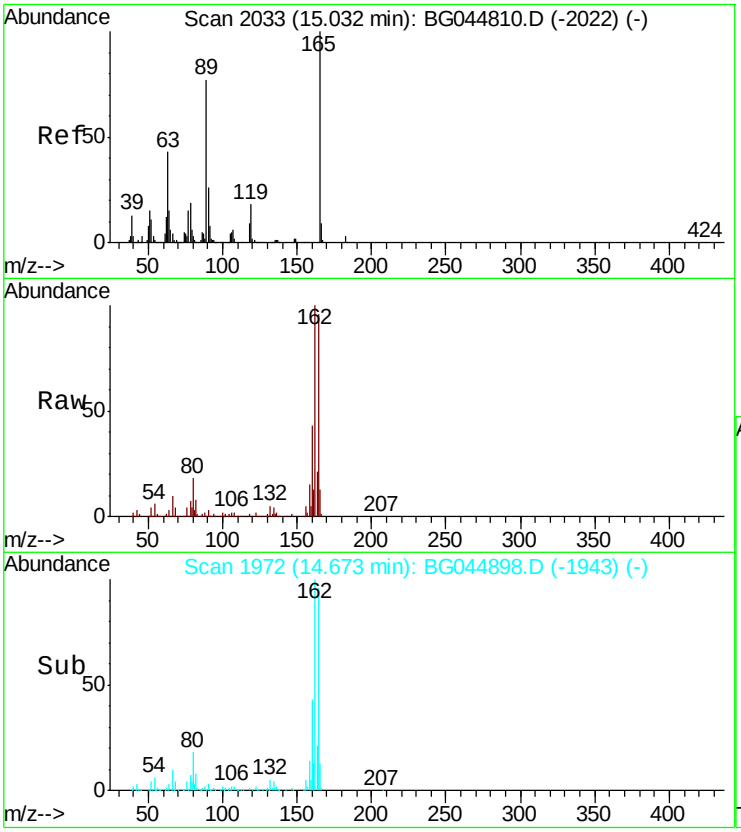


#51
2,6-Dinitrotoluene
Concen: 7.976 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:165 Resp: 23040

Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.8	68.8#
89	1.4	51.8	77.6#



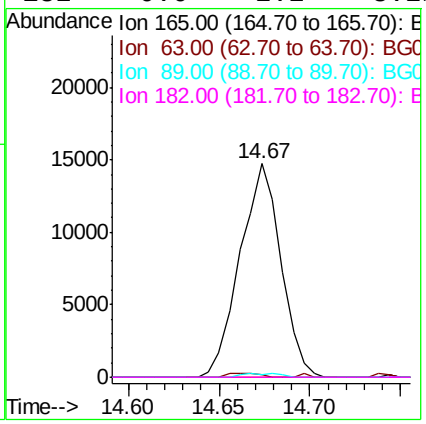


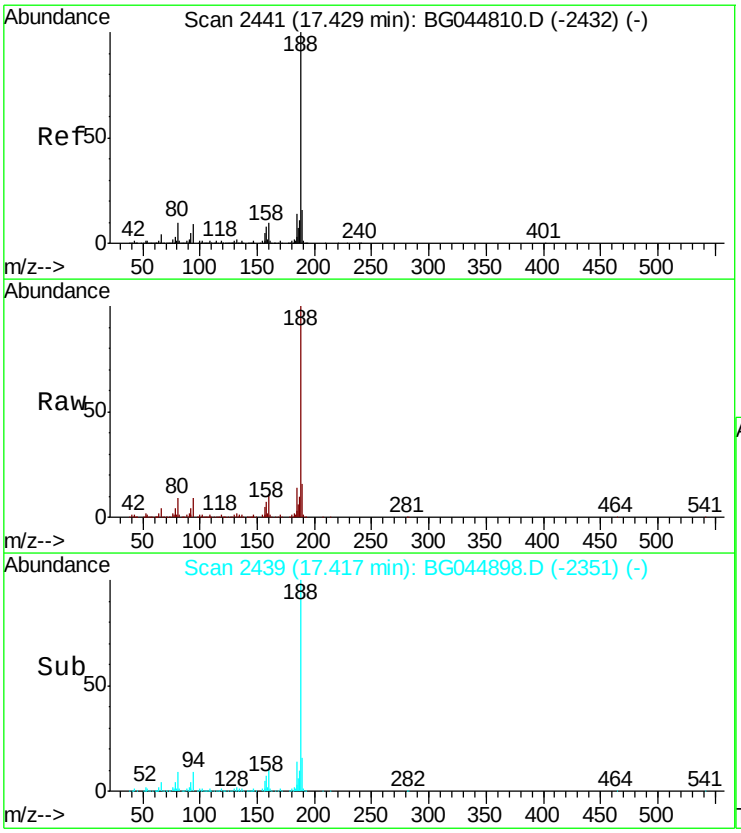
#57
2,4-Dinitrotoluene
Concen: 5.815 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 23040

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.4	61.3	91.9#
182	0.0	2.2	3.2#

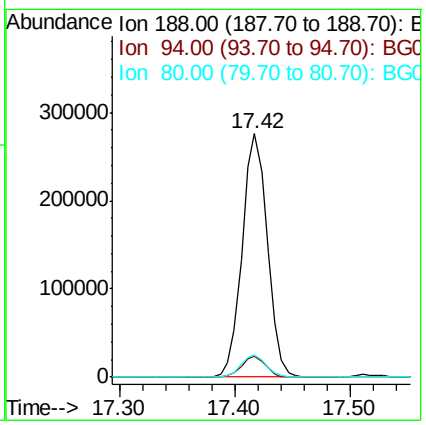


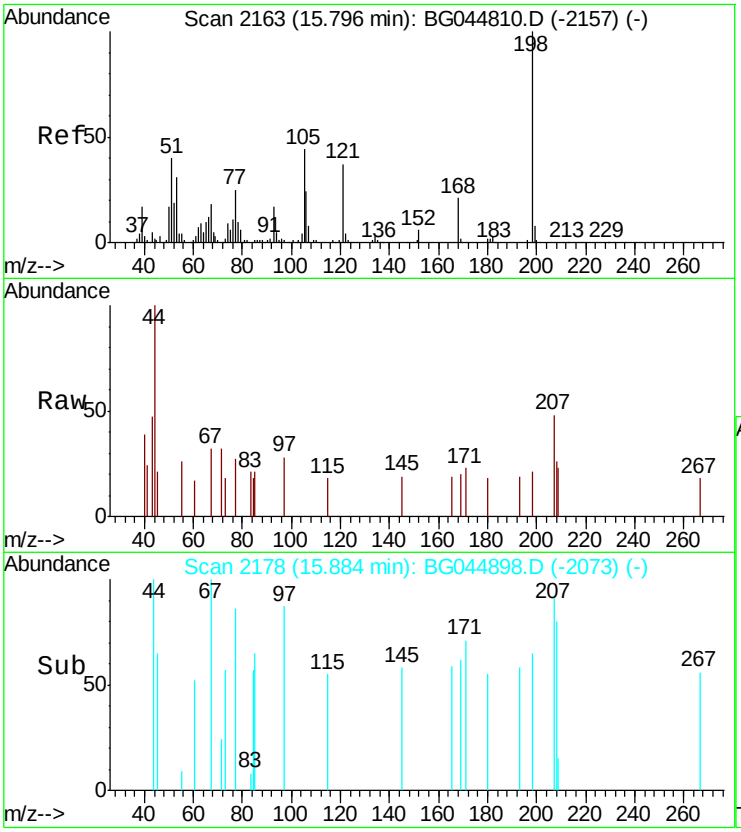


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:188 Resp: 417371

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.2	8.0	12.0



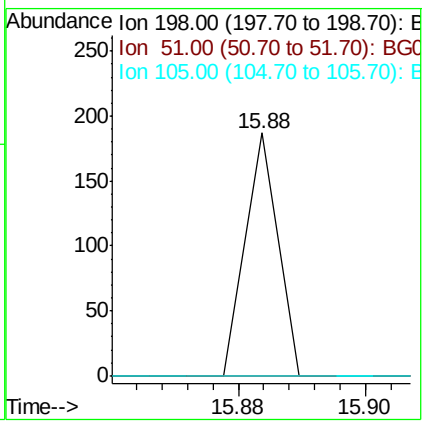


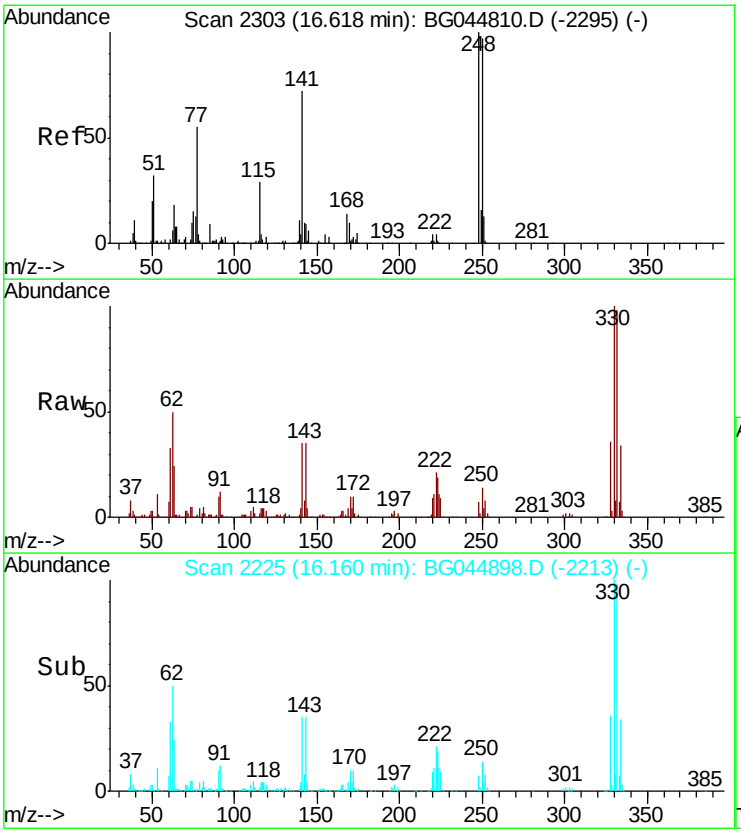
#65
4,6-Dinitro-2-methylphenol
Concen: 7.756 ng
RT: 15.88 min Scan# 2178
Delta R.T. 0.09 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 66

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

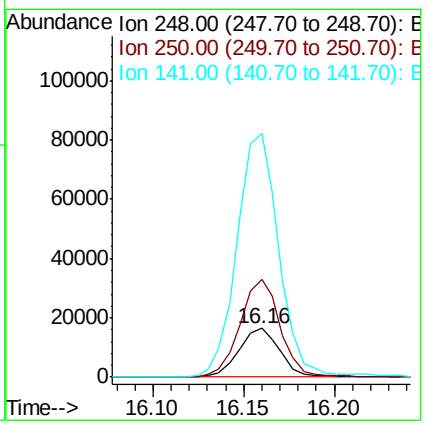


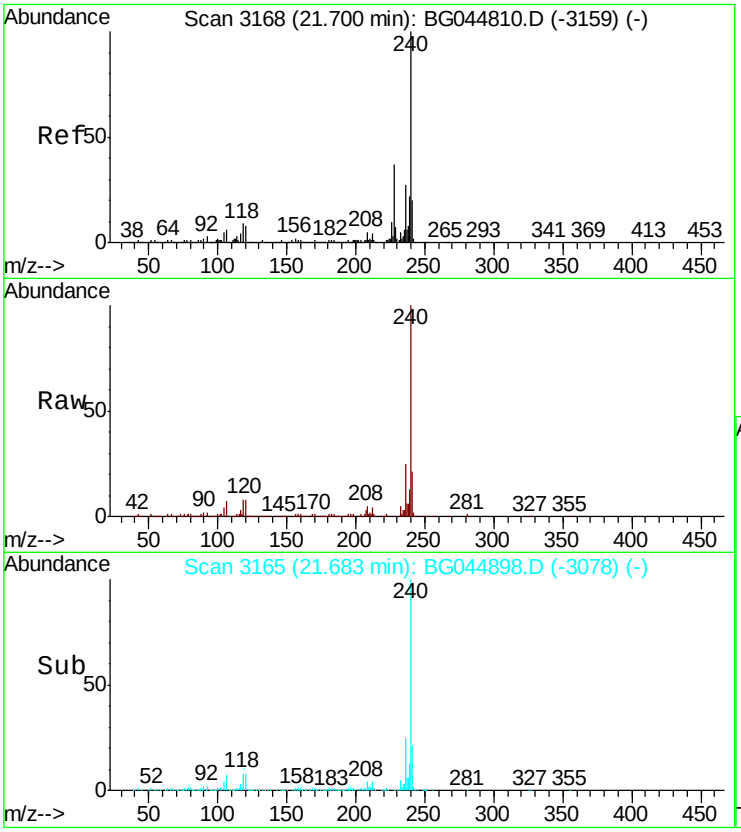


#67
4-Bromophenyl-phenylether
Concen: 4.929 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:248 Resp: 25719

Ion	Ratio	Lower	Upper
248	100		
250	200.7	77.9	116.9#
141	498.4	57.5	86.3#



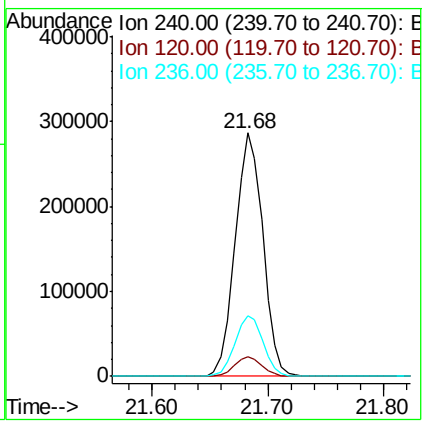


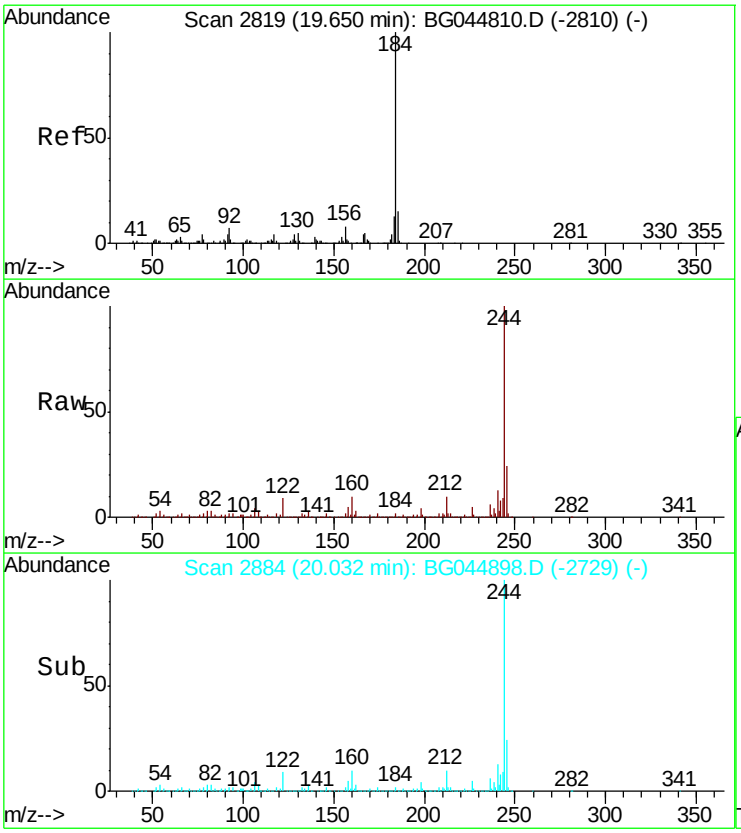
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 475039

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.7	10.1
236	25.0	21.5	32.3

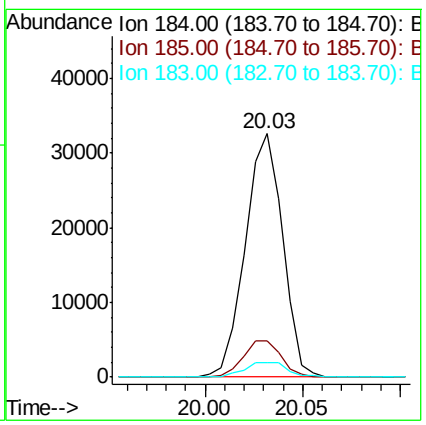


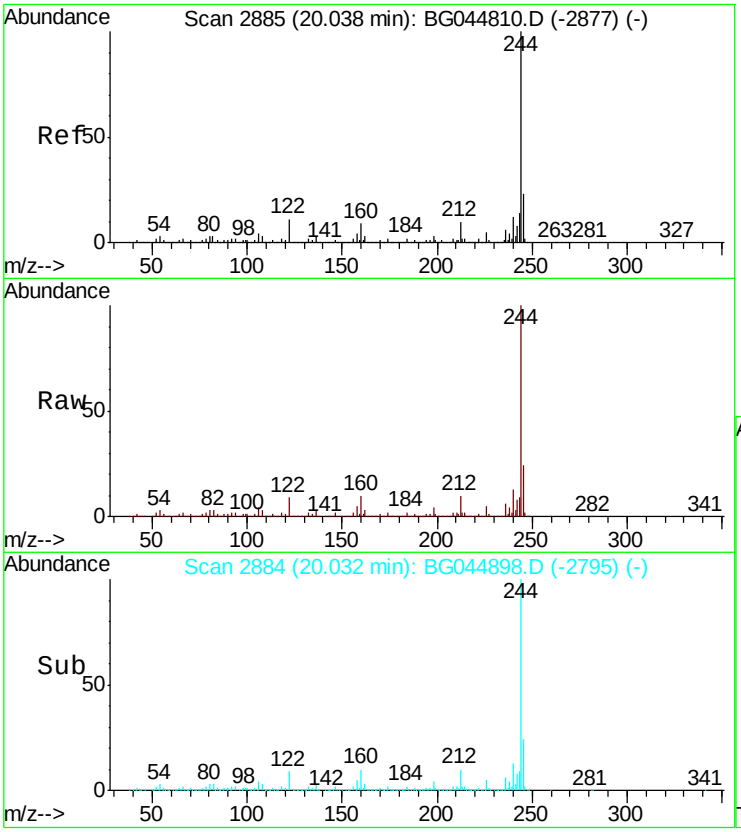


#77
Benzidine
Concen: 2.793 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:184 Resp: 43065

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.4
183	6.1	10.7	16.1#



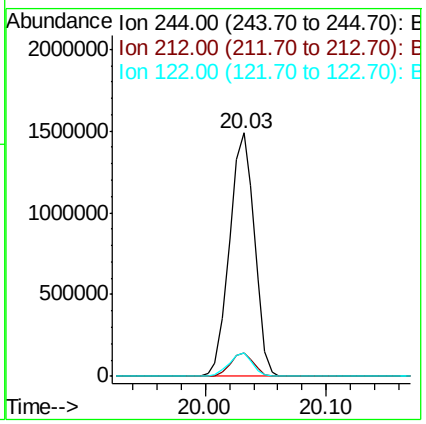


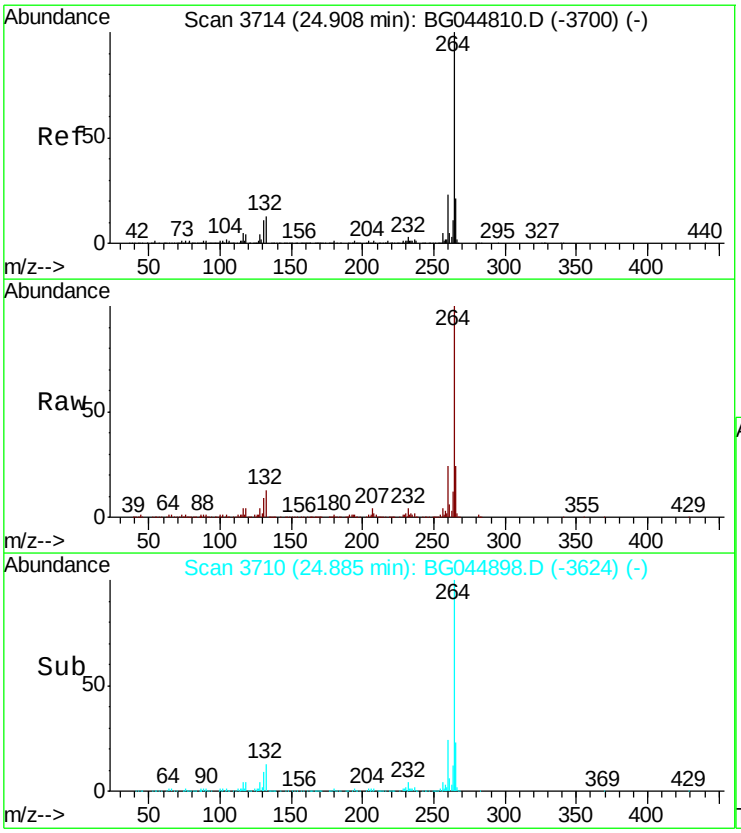
#79
Terphenyl-d14
Concen: 84.185 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2137942

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	9.5	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044898.D
Acq: 19 Mar 2020 14:58

Tgt Ion:264 Resp: 506405

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.1	27.1
265	23.5	17.1	25.7