Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043773.D
Acq On : 25 Nov 2019 17:34
Operator : JU
Sample : K5933-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-01

Quant Time: Nov 26 00:25:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	69057	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	327728	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	267039	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	806686	20.00	ng	0.00
76) Chrysene-d12	21.65	240	810671	20.00	ng	-0.01
87) Perylene-d12	24.83	264	758884	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	640934	166.86	ng	0.00
7) Phenol-d6	7.18	99	943704	169.00	ng	0.00
23) Nitrobenzene-d5	9.18	82	543885	91.25	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	493022	153.07	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1336914	82.30	ng	0.00
79) Terphenyl-d14	20.01	244	3028277	84.41	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.18	70	73896	16.828	ng	# 69
51) 2,6-Dinitrotoluene	14.65	165	34859	8.874	ng	# 26
57) 2,4-Dinitrotoluene	14.65	165	34859	6.398	ng	# 24
60) Diethylphthalate	15.46	149	1112	Below Cal		# 83
65) 4,6-Dinitro-2-methylphenol	16.13	198	2017	4.867	ng	# 1
67) 4-Bromophenyl-phenylether	16.13	248	39280	4.617	ng	# 1
73) Carbazole	17.79	167	2275	Below Cal		# 96
77) Benzidine	20.01	184	73602	3.108	ng	# 90

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

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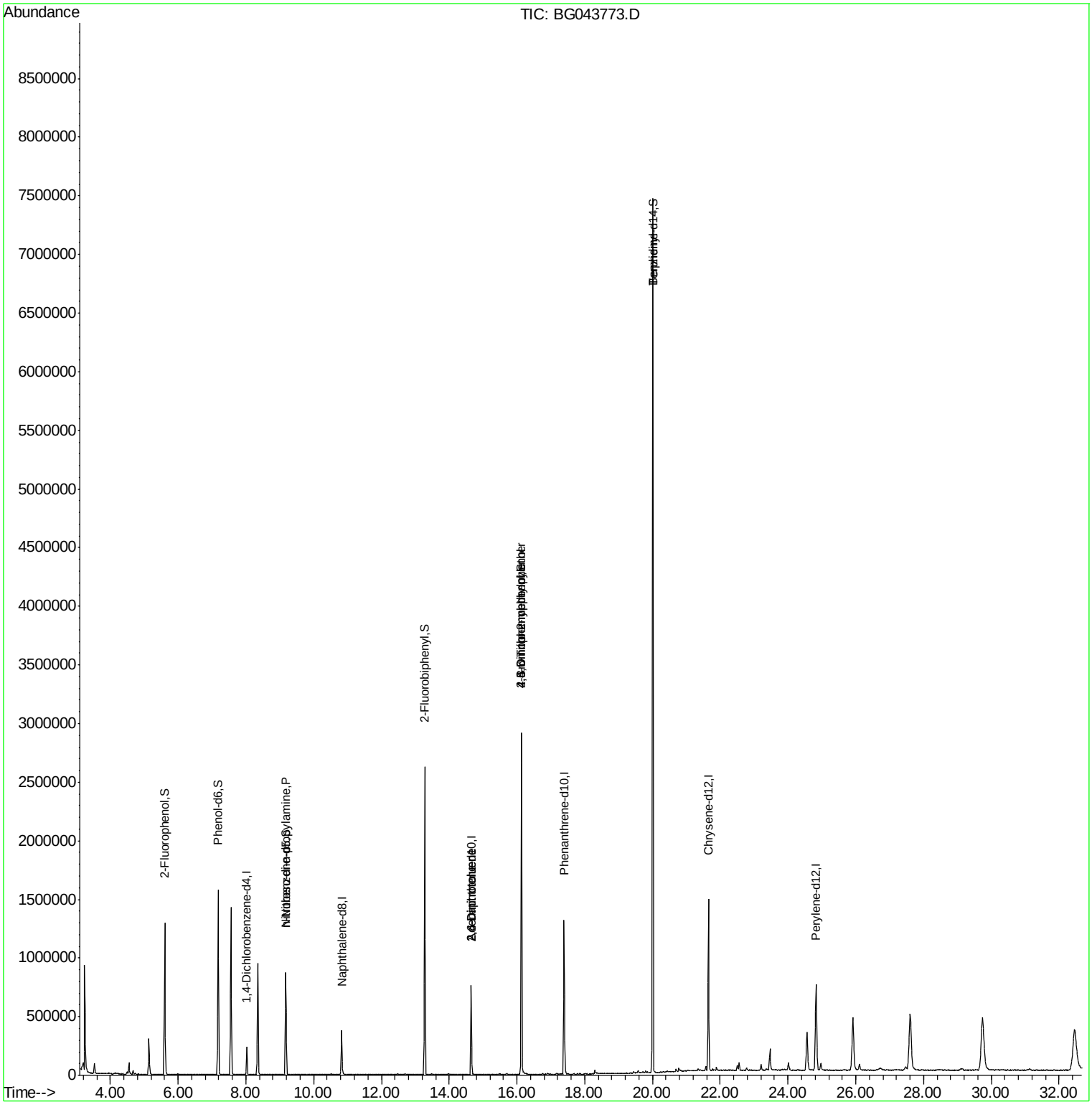
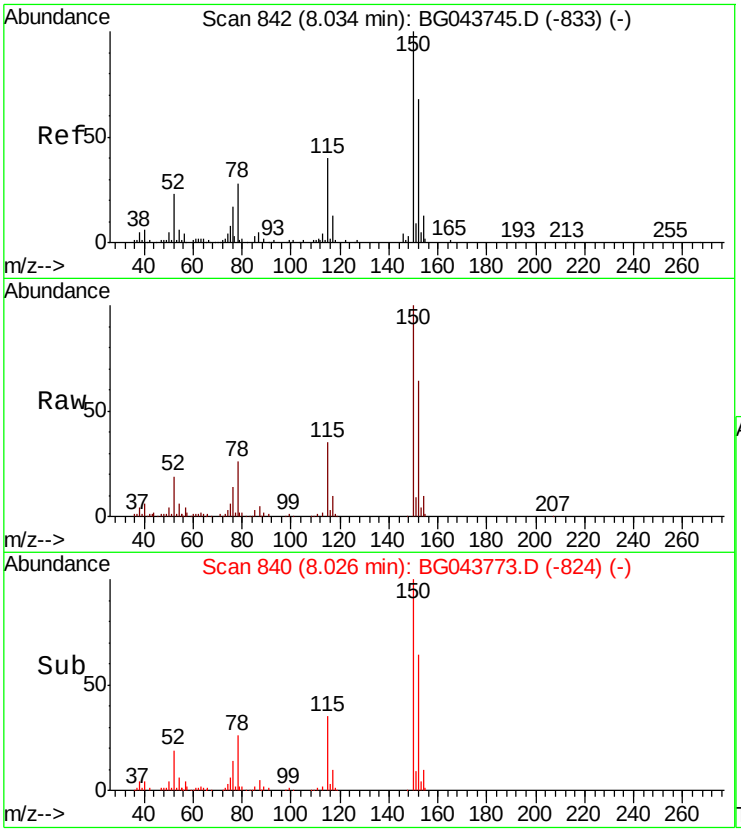


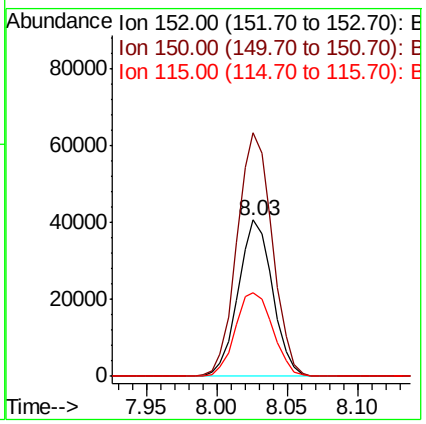


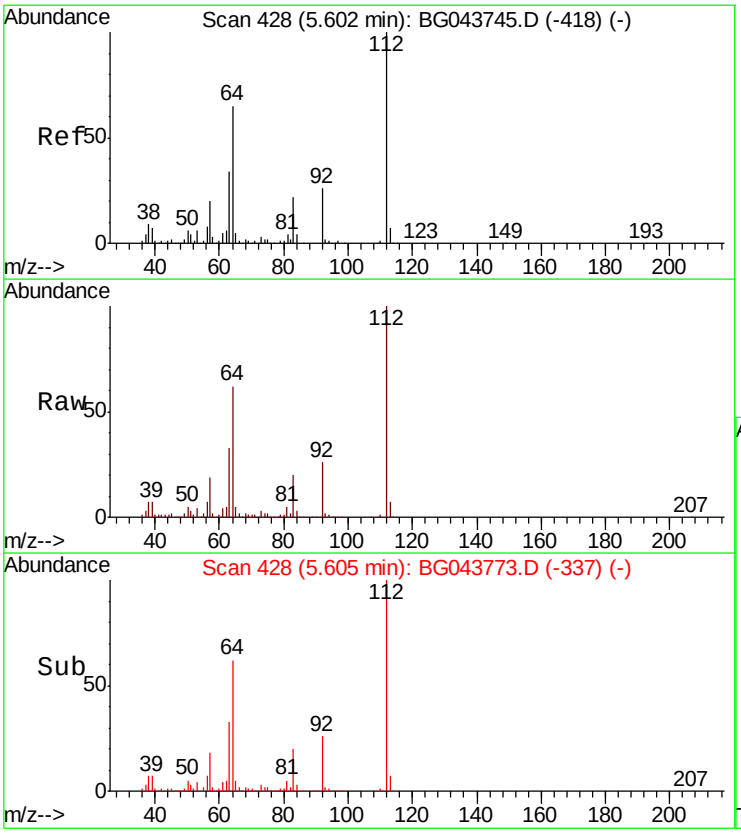
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:152 Resp: 69057

Ion	Ratio	Lower	Upper
152	100		
150	156.0	117.8	176.8
115	53.9	47.0	70.4

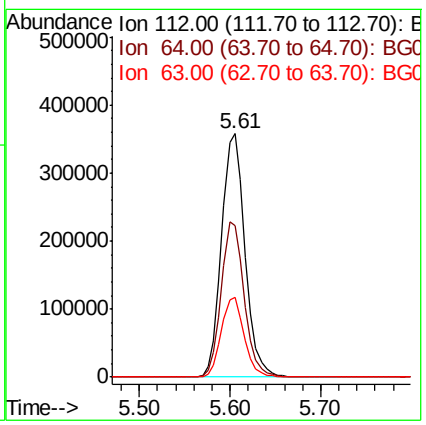


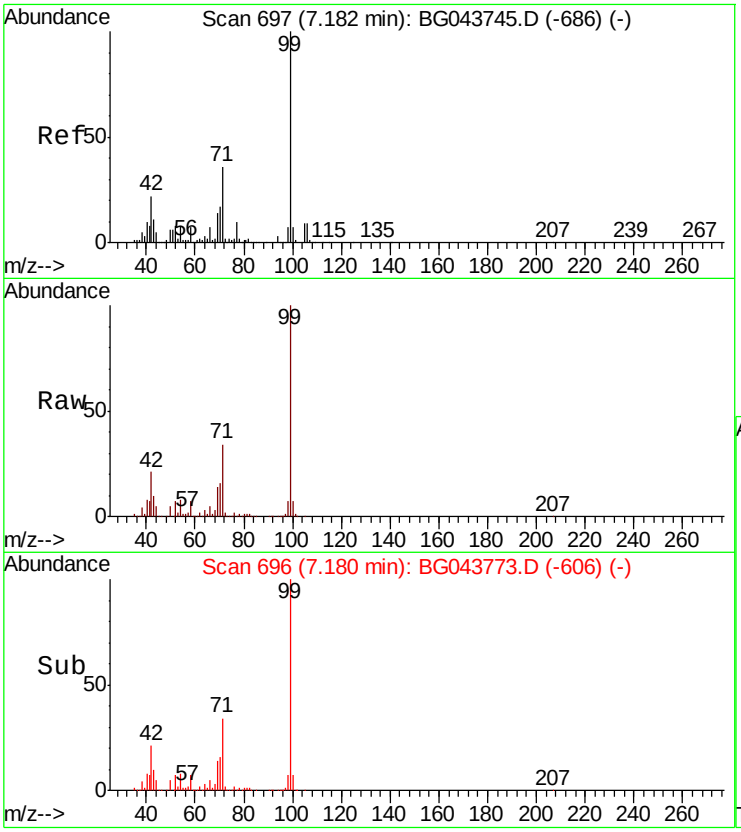


#5
2-Fluorophenol
Concen: 166.856 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:112 Resp: 640934

Ion	Ratio	Lower	Upper
112	100		
64	62.3	51.7	77.5
63	32.8	26.8	40.2



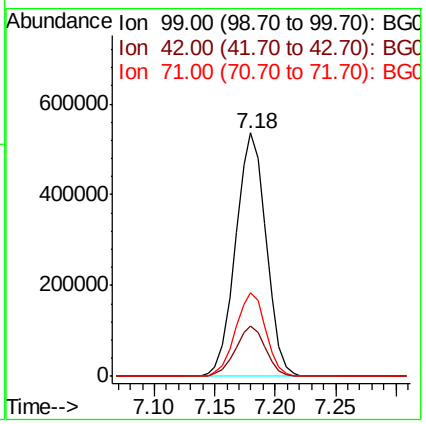


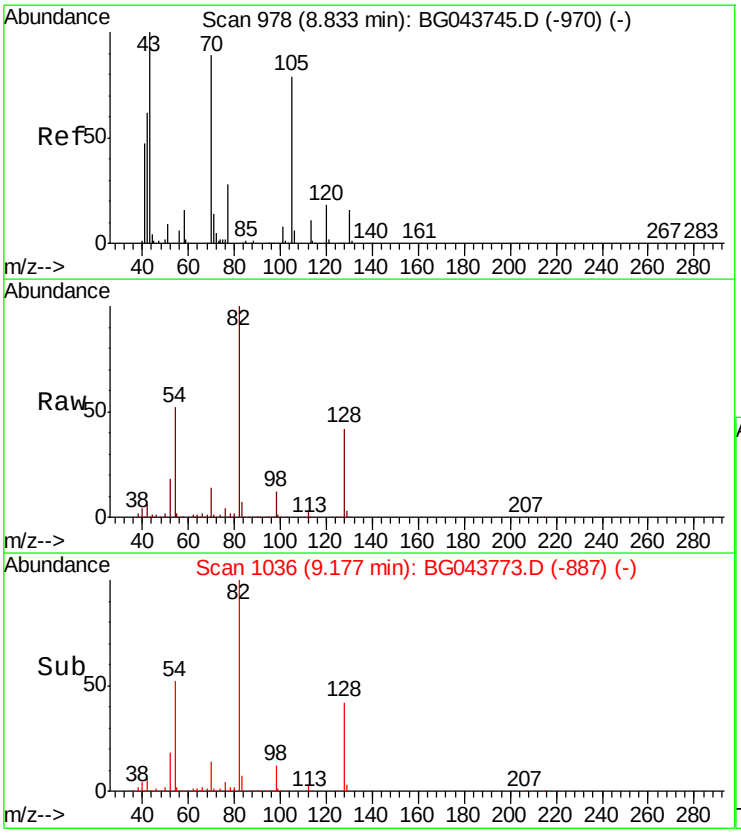
#7
Phenol-d6
Concen: 169.005 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion: 99 Resp: 943704

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.4	26.0
71	34.3	29.5	44.3

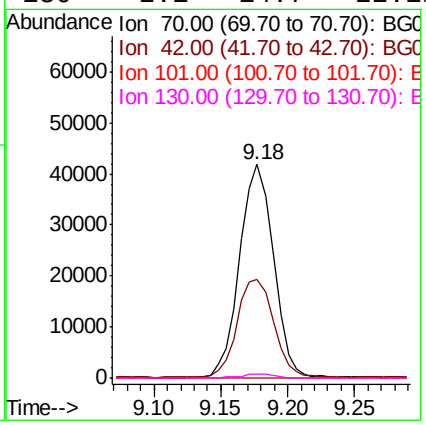


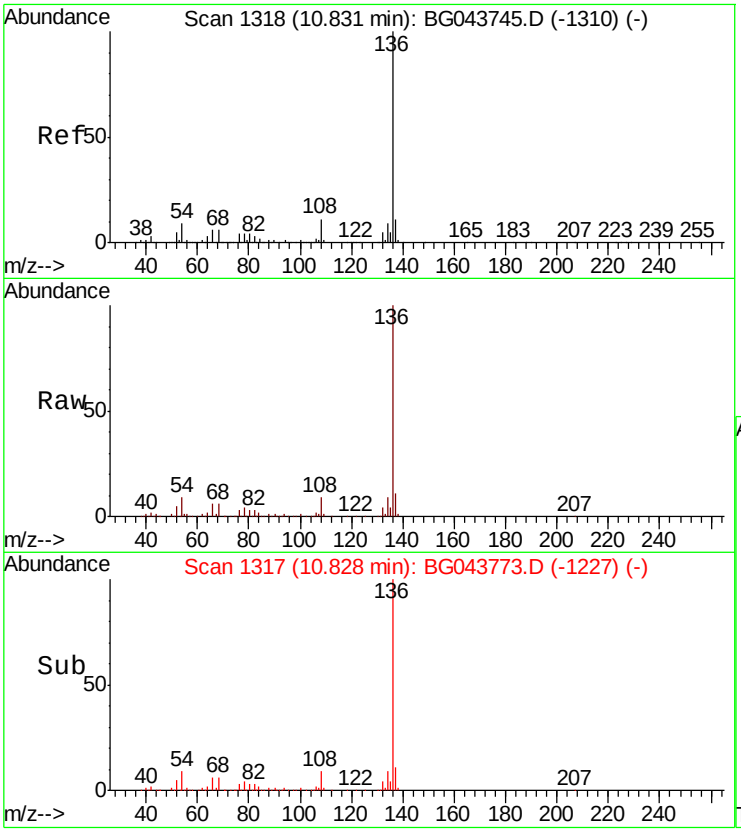


#19
n-Nitroso-di-n-propylamine
Concen: 16.828 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.34 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion: 70 Resp: 73896

Ion	Ratio	Lower	Upper
70	100		
42	45.9	56.4	84.6#
101	0.0	6.7	10.1#
130	2.1	14.7	22.1#



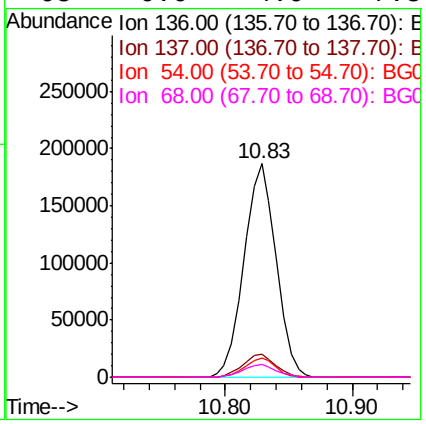


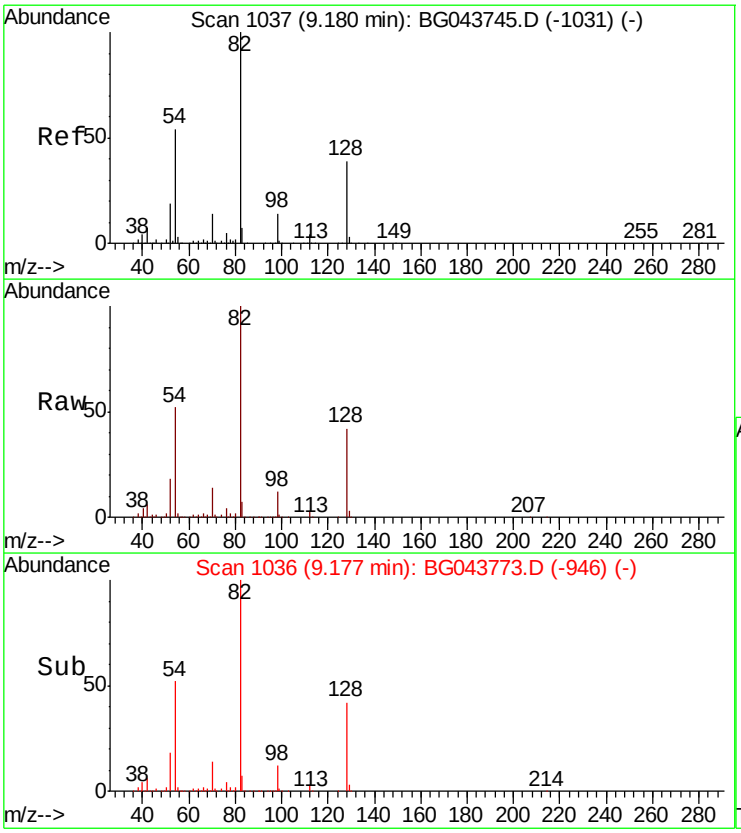
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:136 Resp: 327728

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.8	7.5	11.3
68	6.0	4.9	7.3

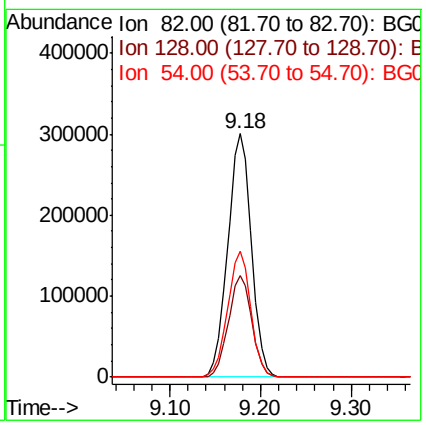


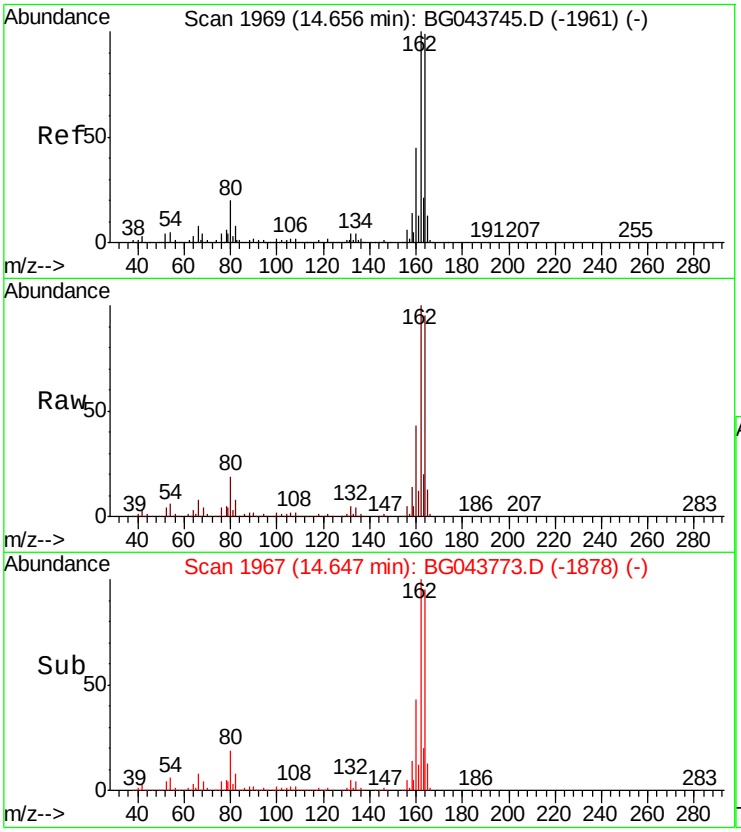


#23
Nitrobenzene-d5
Concen: 91.247 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion: 82 Resp: 543885

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	51.7	42.7	64.1



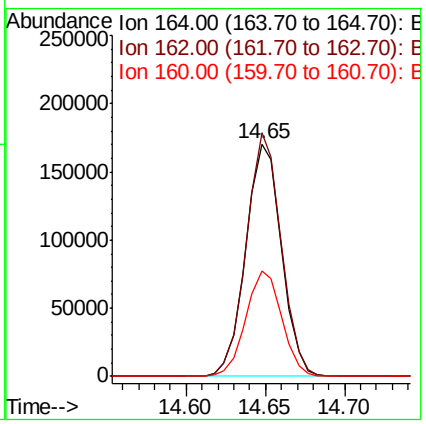


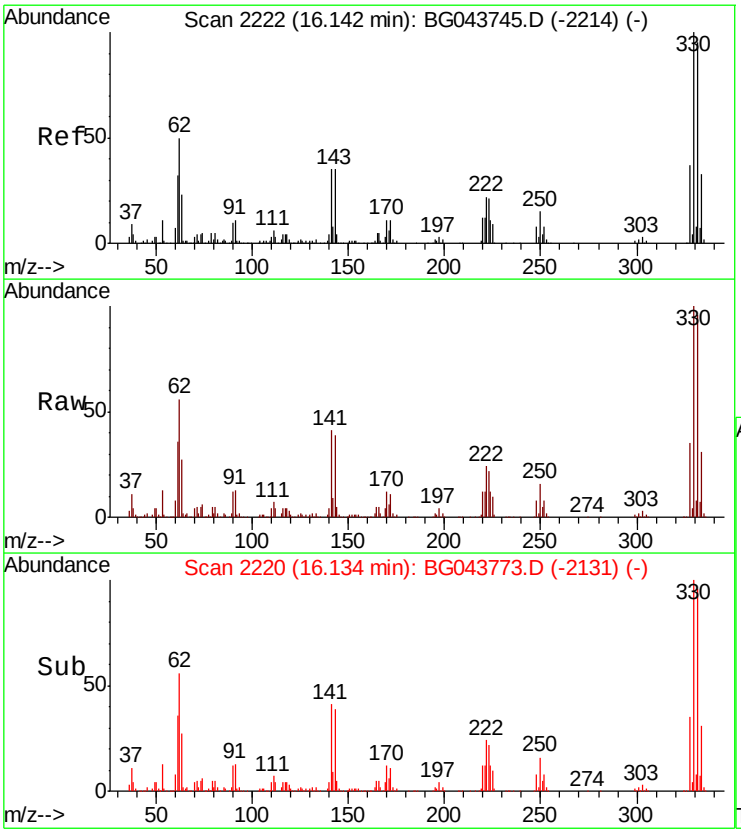
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:164 Resp: 267039

Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.6	121.0
160	45.5	36.3	54.5

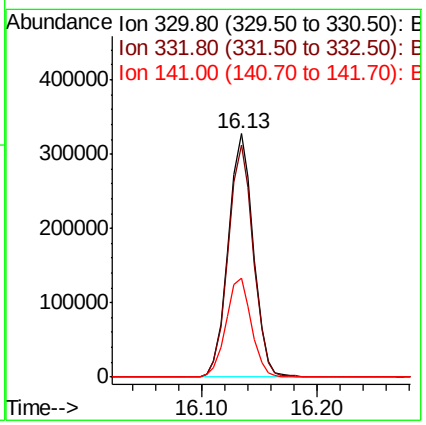


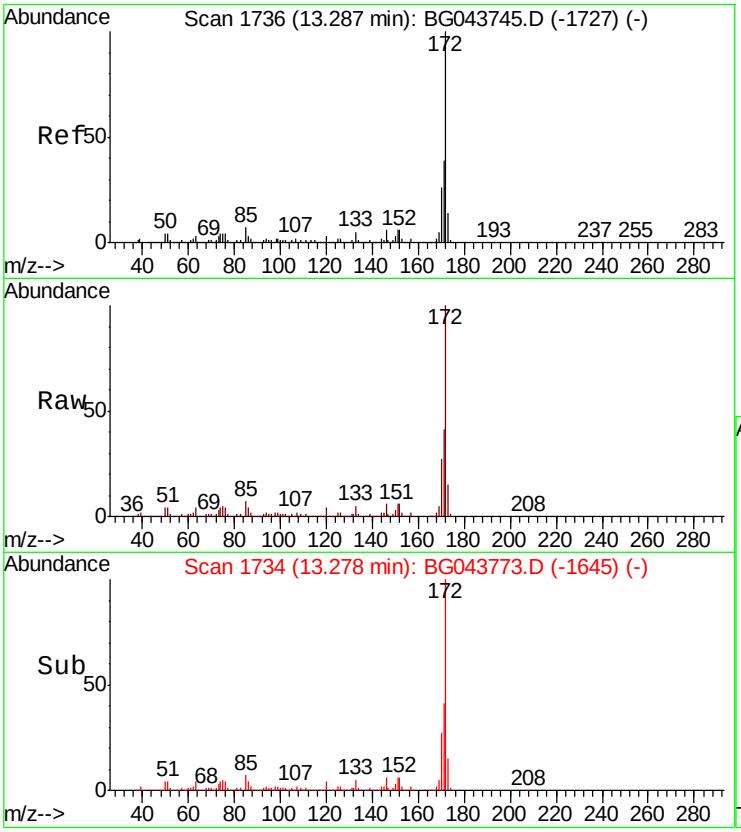


#42
2,4,6-Tribromophenol
Concen: 153.070 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:330 Resp: 493022

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	41.1	31.4	47.2



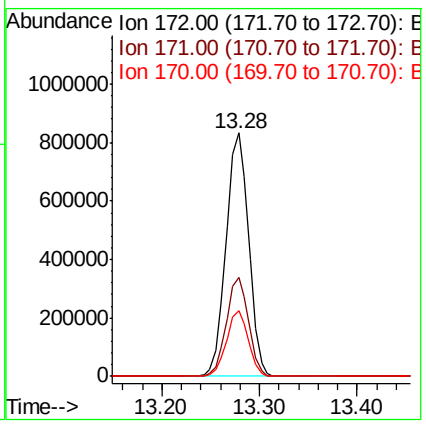


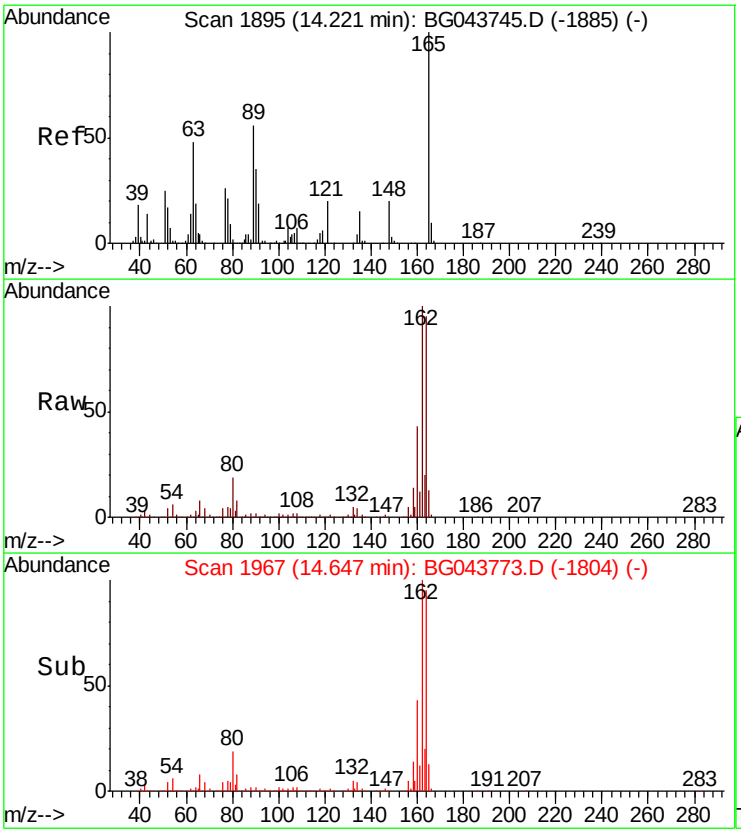
#45
2-Fluorobiphenyl
Concen: 82.295 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:172 Resp: 1336914

Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.0	46.6
170	27.2	21.0	31.4

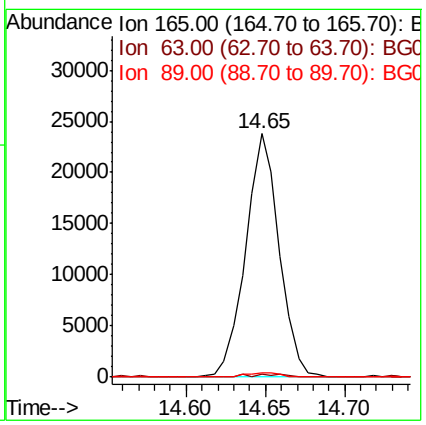


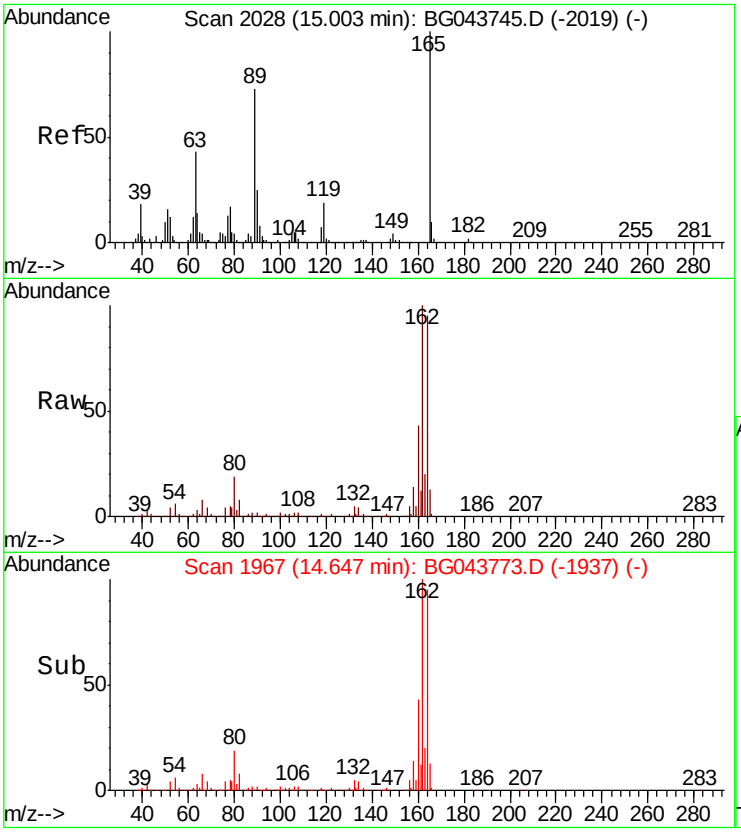


#51
2,6-Dinitrotoluene
Concen: 8.874 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.43 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:165 Resp: 34859

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.8	44.6	67.0#



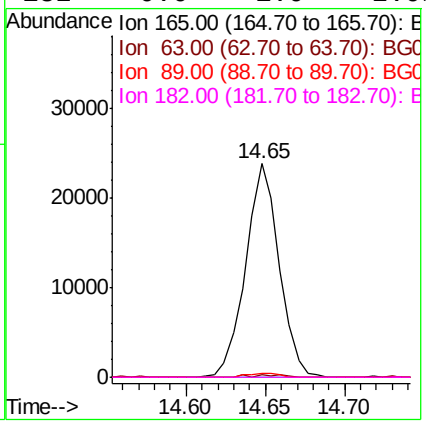


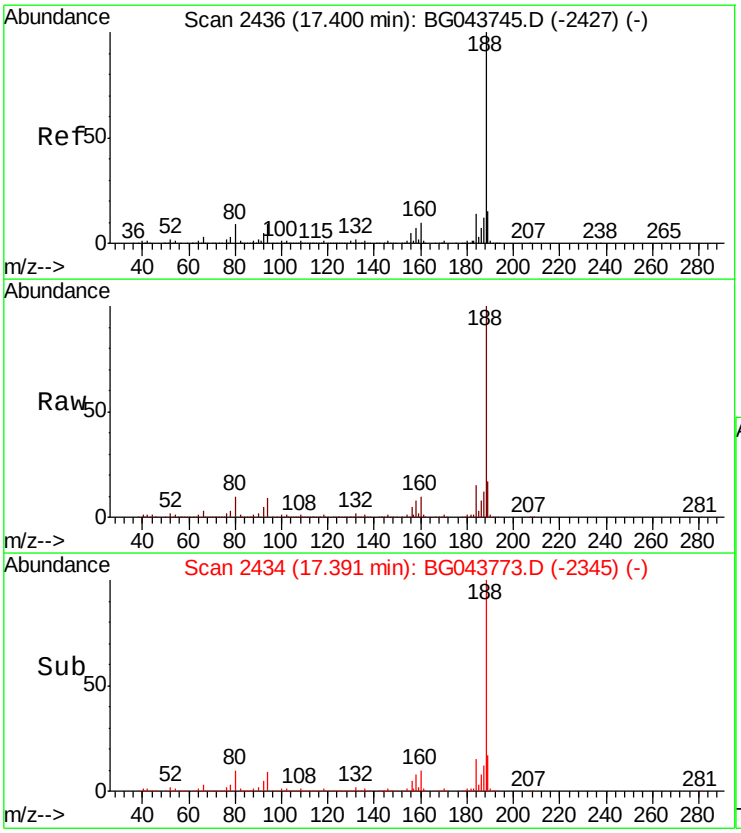
#57
2,4-Dinitrotoluene
Concen: 6.398 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.36 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:165 Resp: 34859

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	51.8#
89	1.8	58.3	87.5#
182	0.0	1.9	2.9#

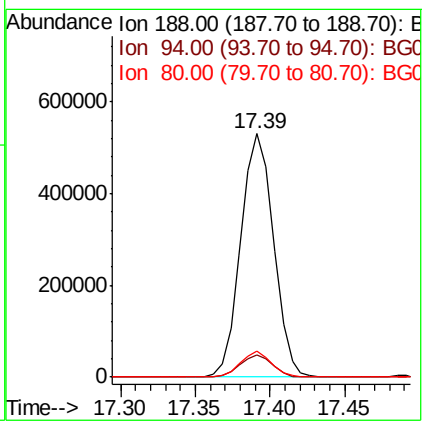


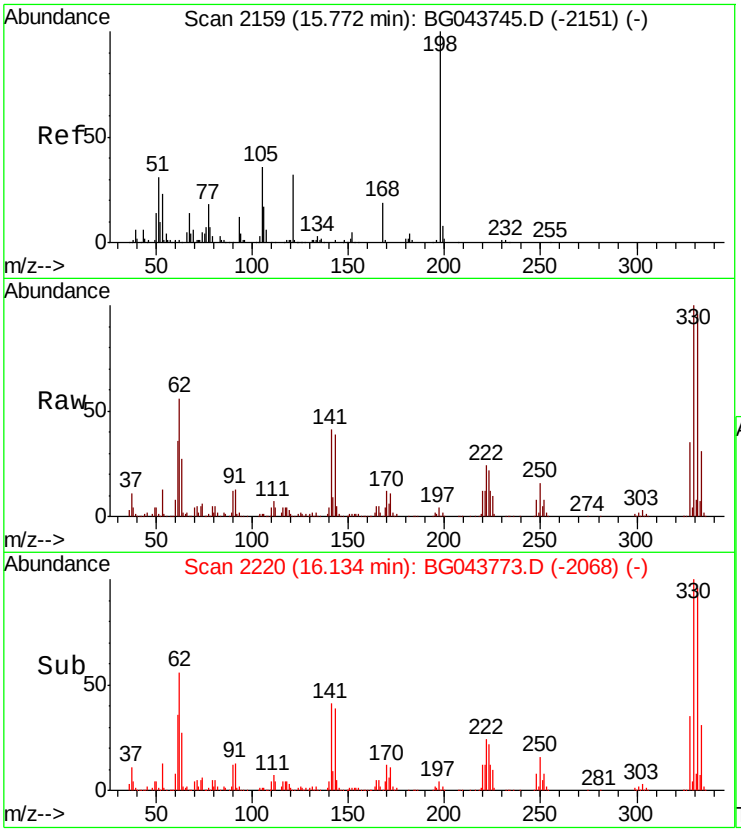


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:188 Resp: 806686

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.9	10.3
80	10.5	7.5	11.3



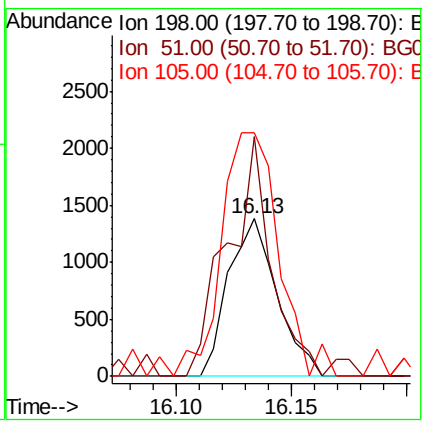


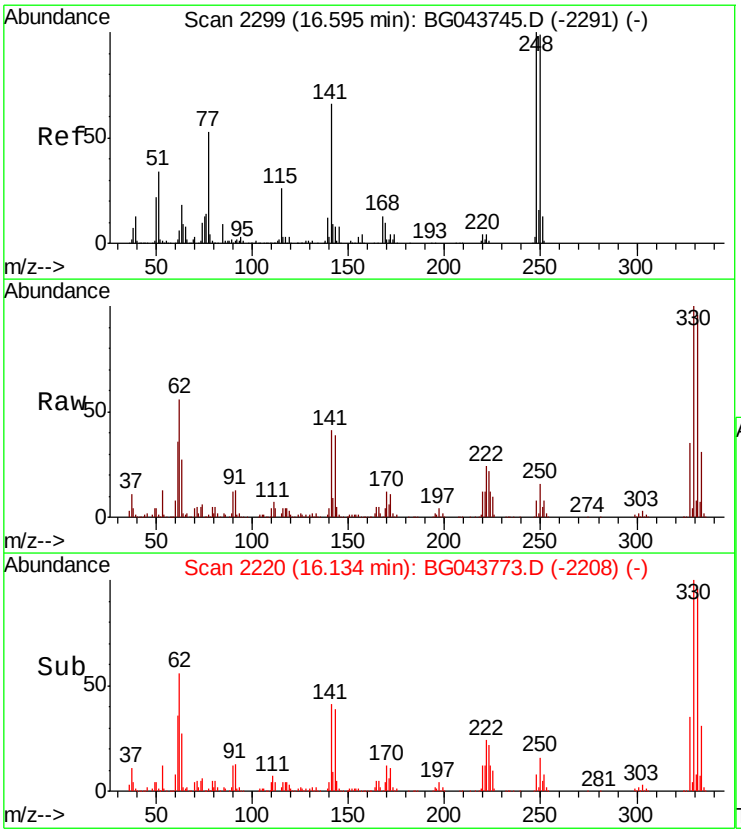
#65
4,6-Dinitro-2-methylphenol
Concen: 4.867 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.36 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:198 Resp: 2017

Ion	Ratio	Lower	Upper
198	100		
51	152.2	16.8	56.8#
105	154.8	17.3	57.3#

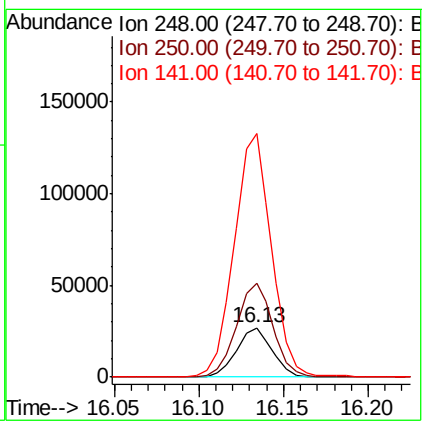


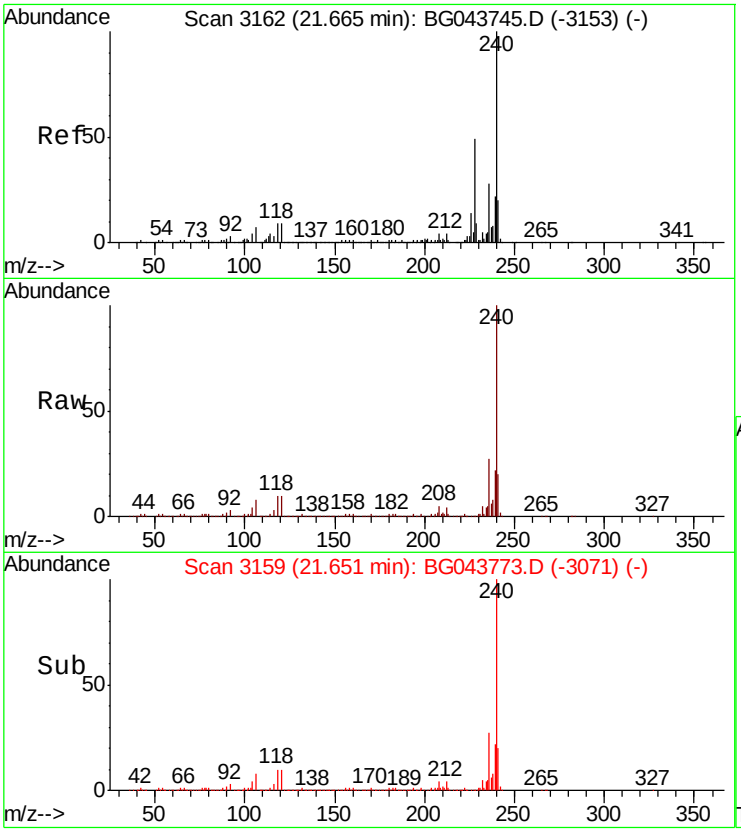


#67
4-Bromophenyl-phenylether
Concen: 4.617 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.46 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:248 Resp: 39280

Ion	Ratio	Lower	Upper
248	100		
250	189.9	79.3	118.9#
141	490.7	53.0	79.6#



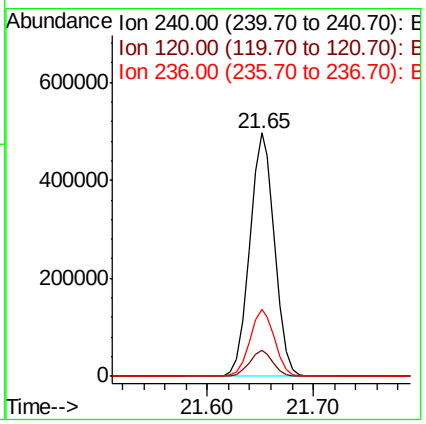


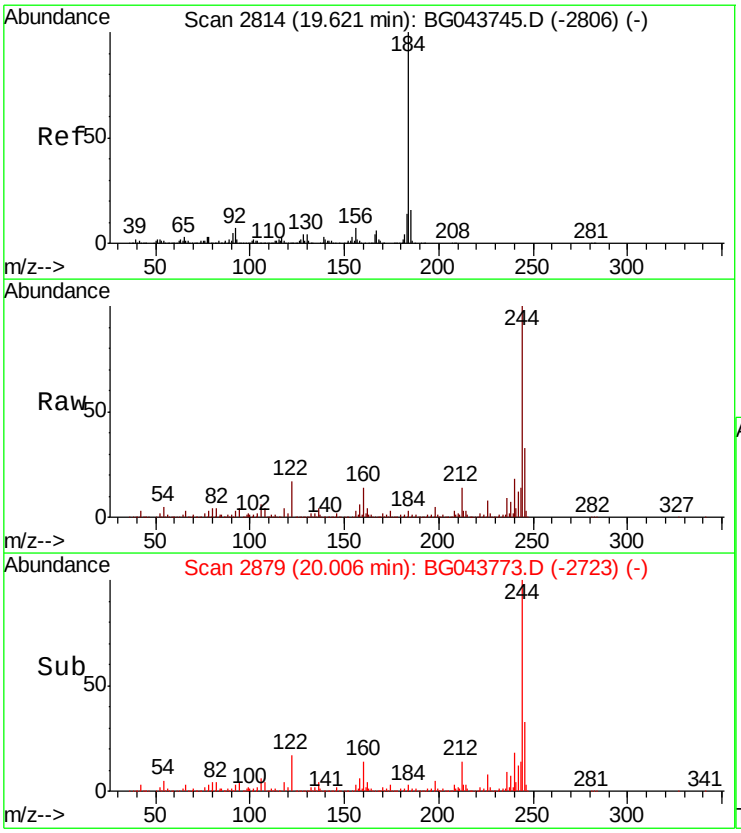
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:240 Resp: 810671

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.5	11.3
236	27.5	22.6	34.0

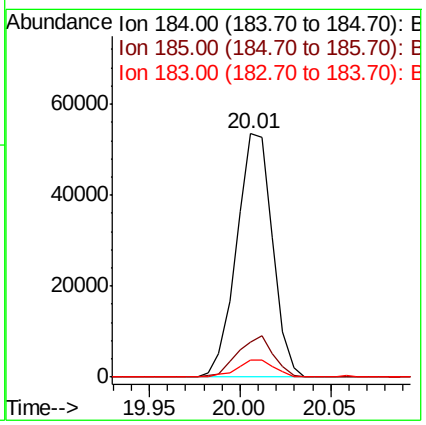


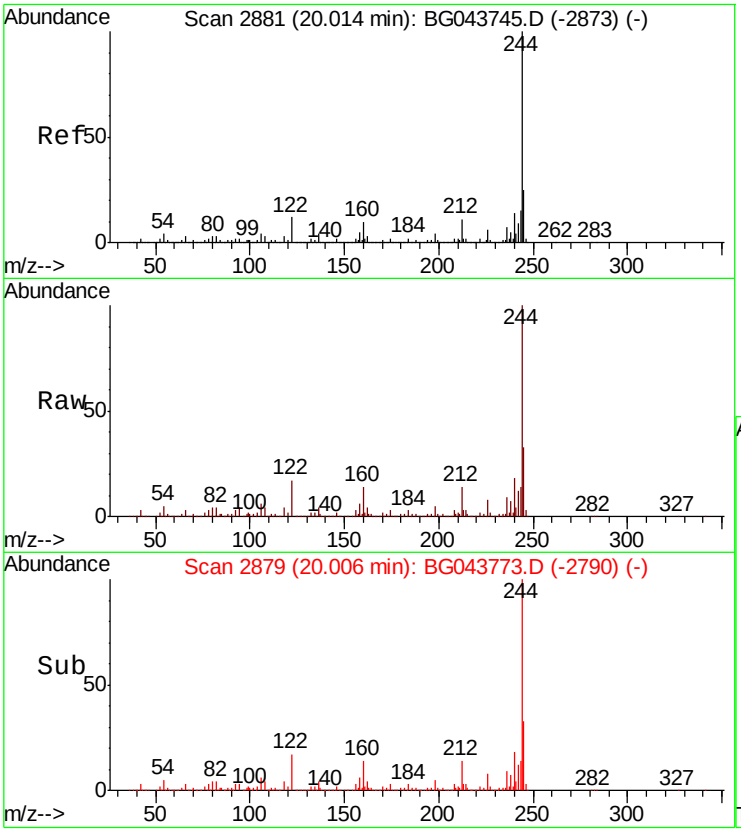


#77
Benzidine
Concen: 3.108 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.39 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:184 Resp: 73602

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.8	19.2
183	7.1	11.3	16.9#



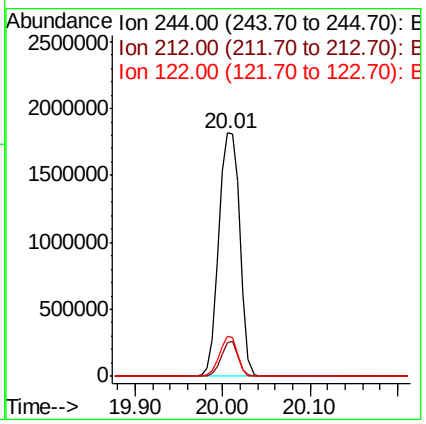


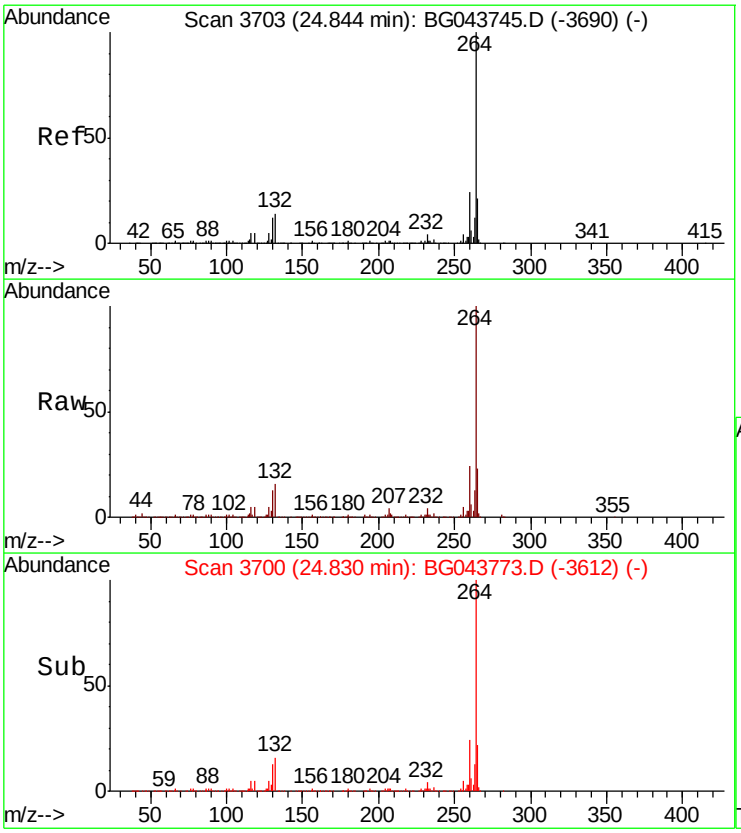
#79
Terphenyl-d14
Concen: 84.409 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
WC-COMP-01

Tgt Ion:244 Resp: 3028277

Ion	Ratio	Lower	Upper
244	100		
212	13.6	8.5	12.7#
122	16.7	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG043773.D
Acq: 25 Nov 2019 17:34

Tgt Ion:264 Resp: 758884

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.5	17.0	25.6