Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040775.D
Acq On : 7 May 2019 18:30
Operator : HP/JU
Sample : K2697-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4-20190502

Quant Time: May 08 03:54:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44627	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	180696	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135350	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	362399	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	369731	20.00	ng	-0.03
87) Perylene-d12	25.14	264	349399	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	206068	81.40	ng	-0.01
7) Phenol-d6	7.28	99	210343	53.96	ng	-0.02
23) Nitrobenzene-d5	9.32	82	478711	122.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	311885	167.64	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1040562	111.03	ng	-0.02
79) Terphenyl-d14	20.11	244	2012160	120.57	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	509	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	70205	20.008	ng	# 76
51) 2,6-Dinitrotoluene	14.77	165	16647	7.532	ng	# 14
57) 2,4-Dinitrotoluene	14.77	165	16647	5.543	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.90	198	59	7.129	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	22659	5.019	ng	# 1
77) Benzidine	20.11	184	40016	3.953	ng	# 94

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

Quantitation Report (Not Reviewed)

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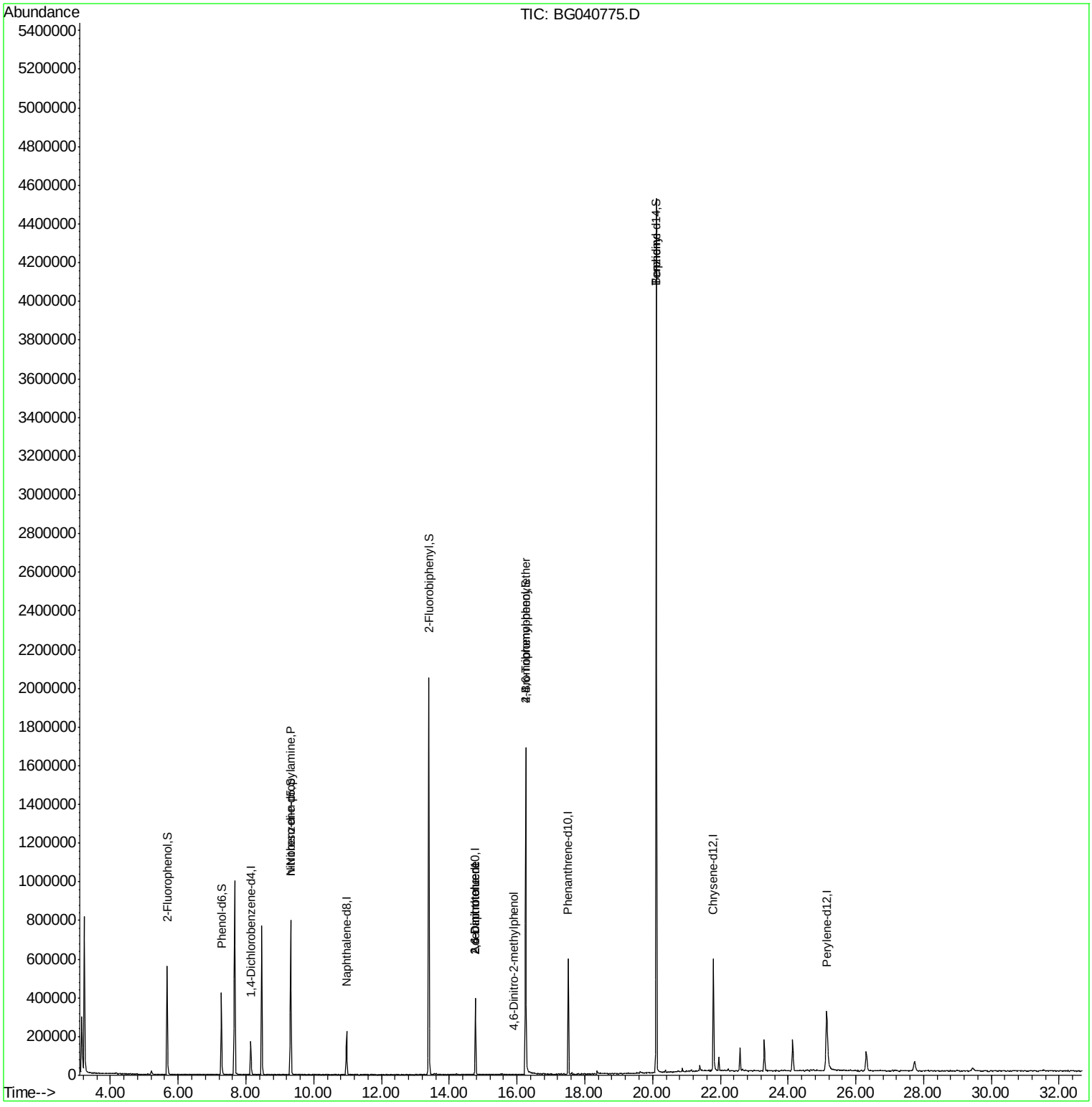
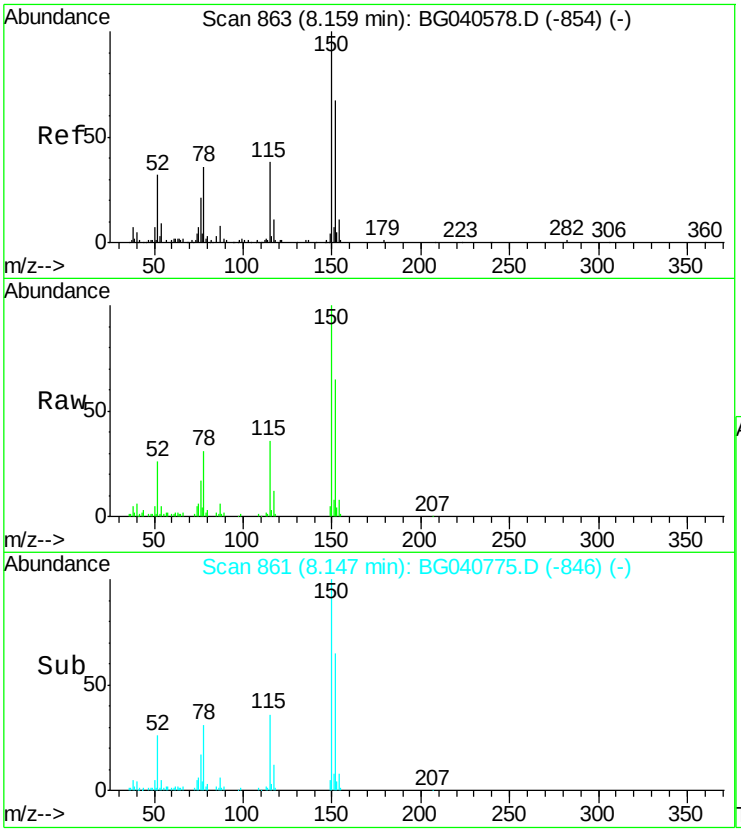


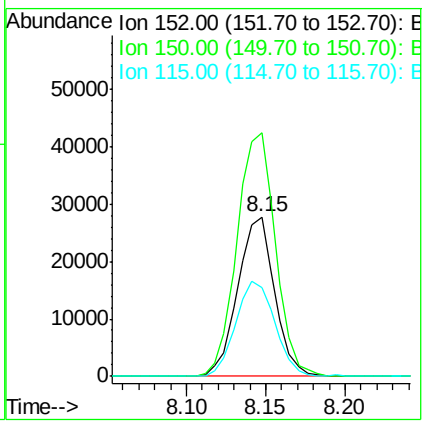


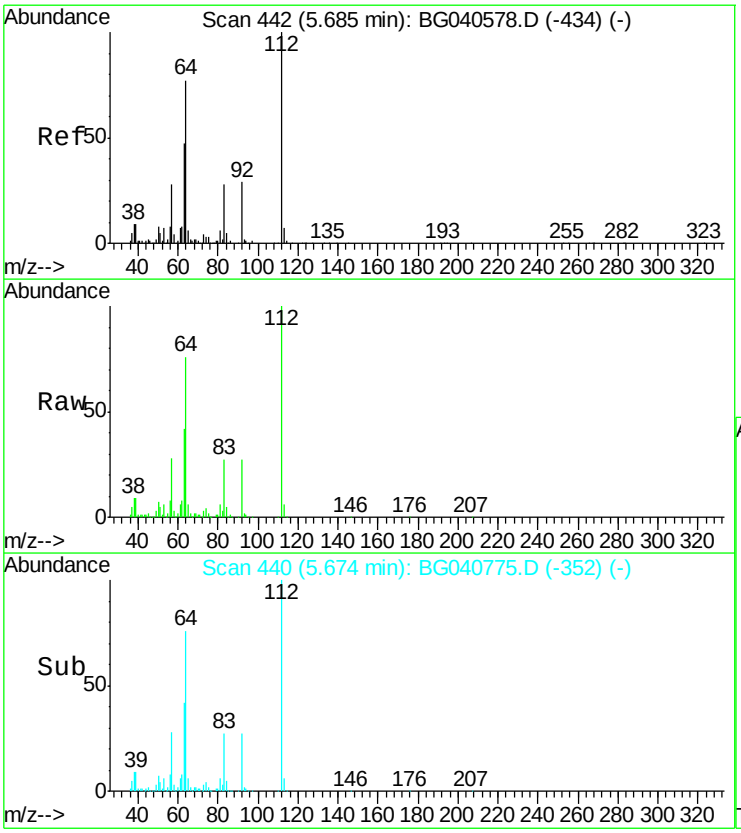
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:152 Resp: 44627

Ion	Ratio	Lower	Upper
152	100		
150	152.8	120.2	180.2
115	55.4	46.2	69.2

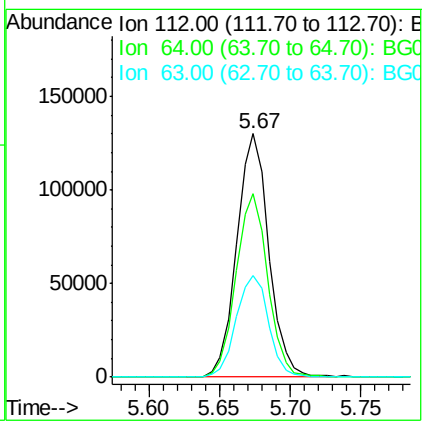


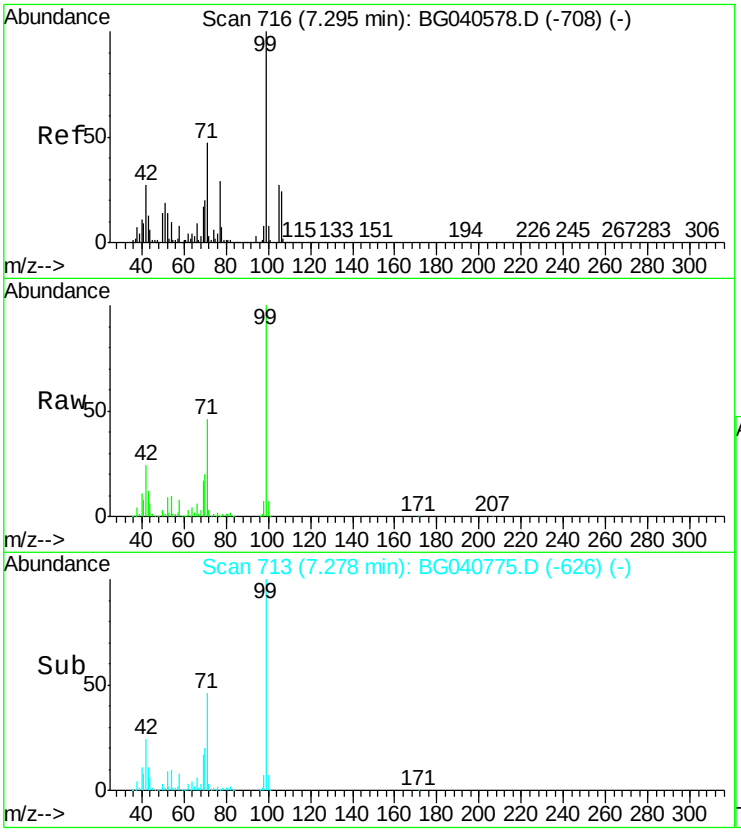


#5
2-Fluorophenol
Concen: 81.397 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion:112 Resp: 206068

Ion	Ratio	Lower	Upper
112	100		
64	75.6	61.4	92.0
63	41.7	37.8	56.6



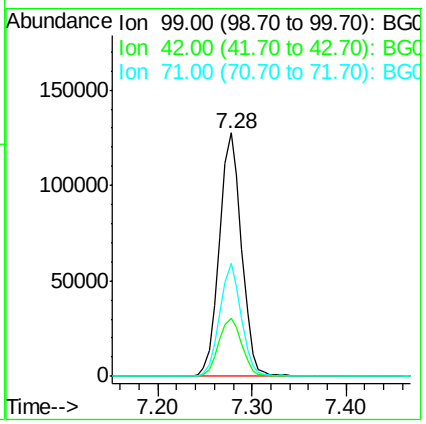


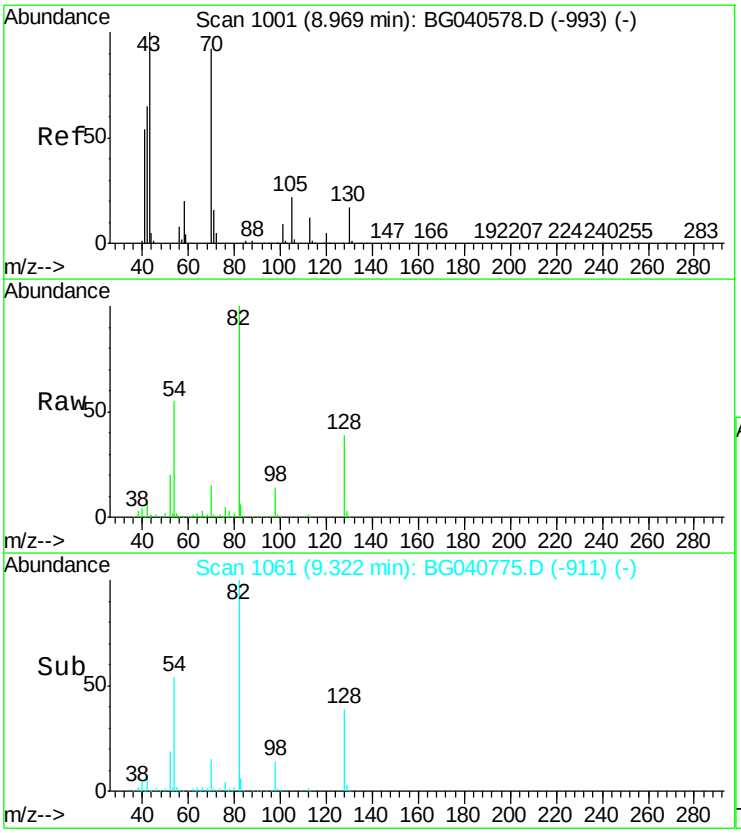
#7
Phenol-d6
Concen: 53.961 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion: 99 Resp: 210343

Ion	Ratio	Lower	Upper
99	100		
42	23.9	21.8	32.8
71	46.2	38.6	57.8

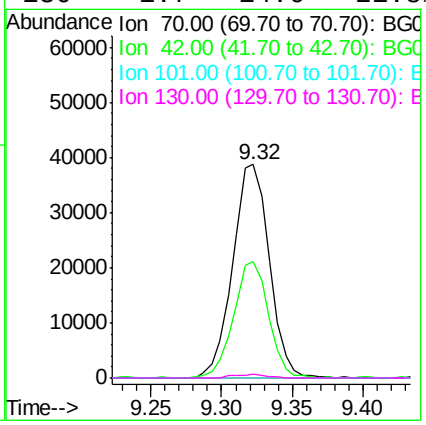


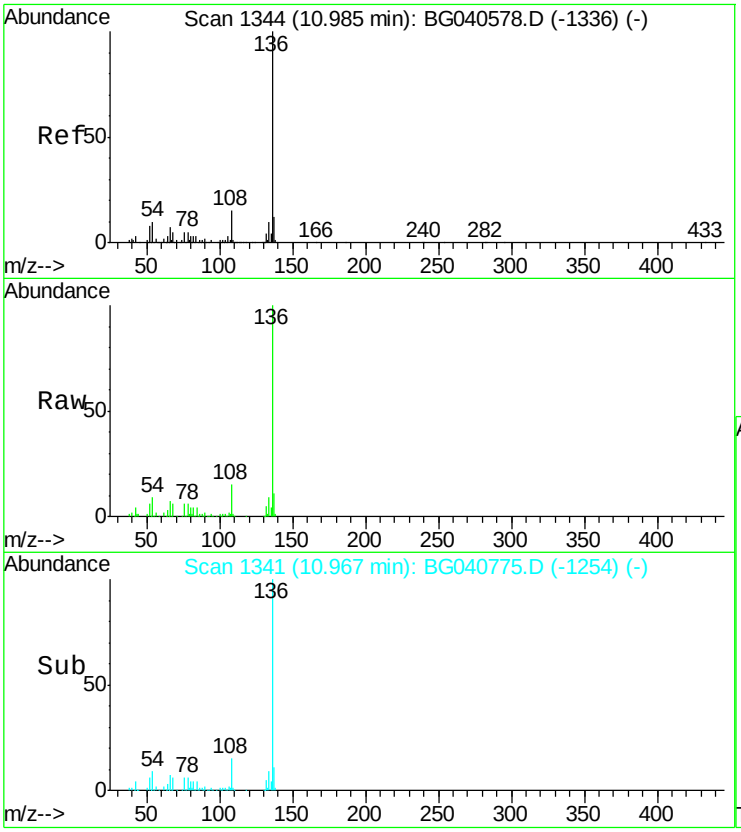


#19
n-Nitroso-di-n-propylamine
Concen: 20.008 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion: 70 Resp: 70205

Ion	Ratio	Lower	Upper
70	100		
42	54.3	57.1	85.7#
101	0.0	7.8	11.8#
130	1.7	14.6	21.8#



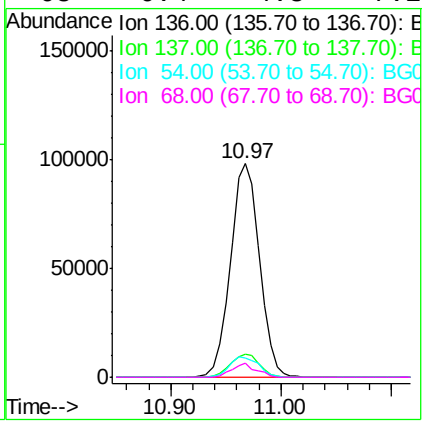


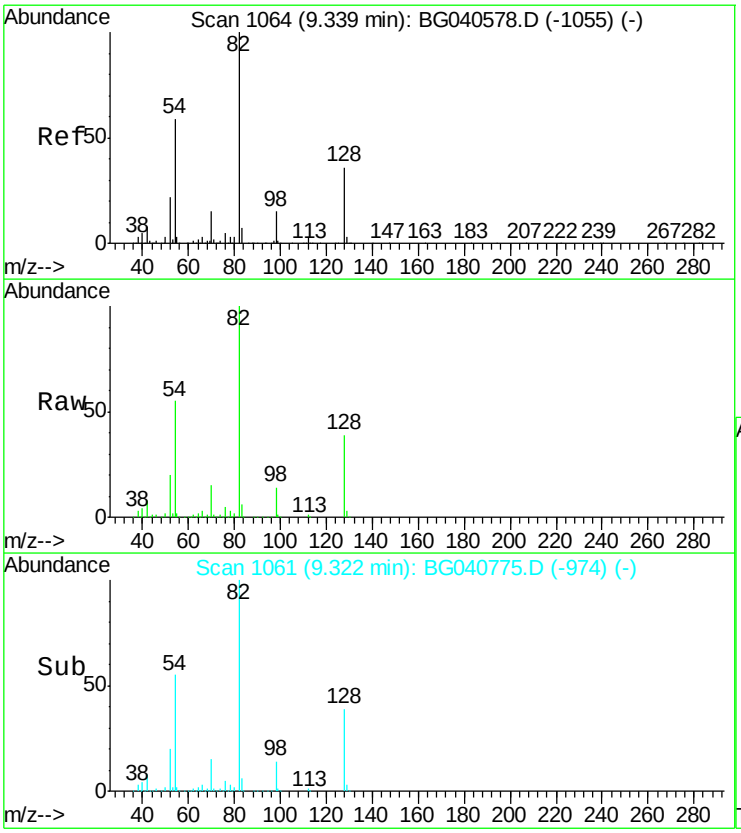
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:136 Resp: 180696

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.7	14.5
54	9.1	8.6	12.8
68	6.4	4.8	7.2

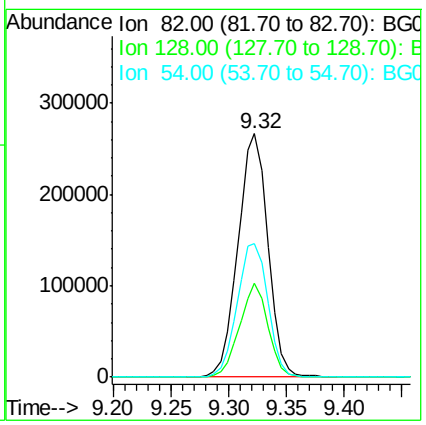


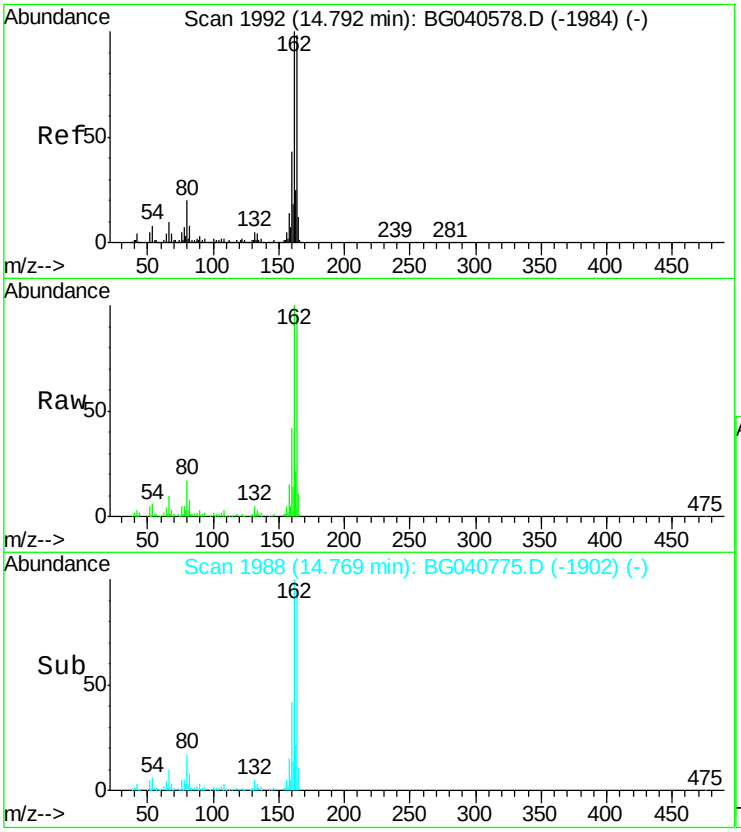


#23
Nitrobenzene-d5
Concen: 122.412 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion: 82 Resp: 478711

Ion	Ratio	Lower	Upper
82	100		
128	38.6	28.9	43.3
54	54.7	47.2	70.8



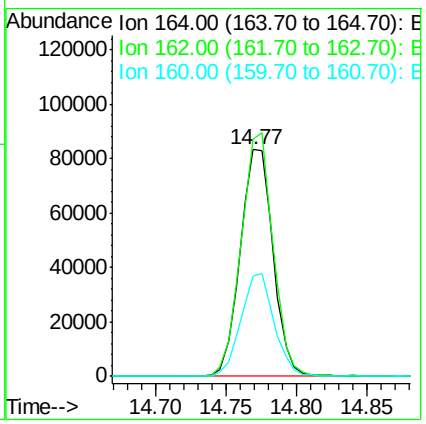


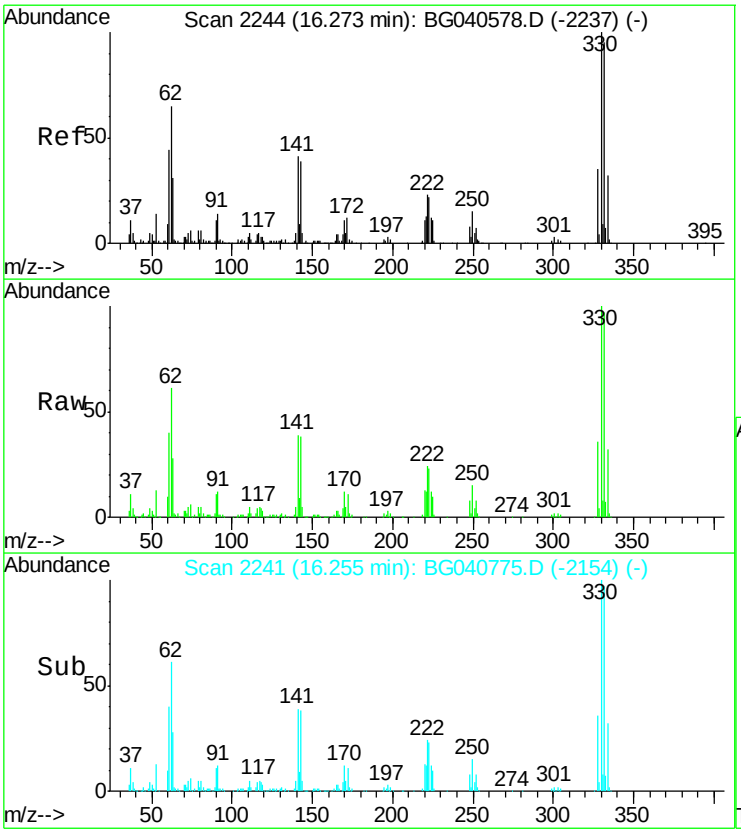
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:164 Resp: 135350

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.9	122.9
160	44.1	35.4	53.2

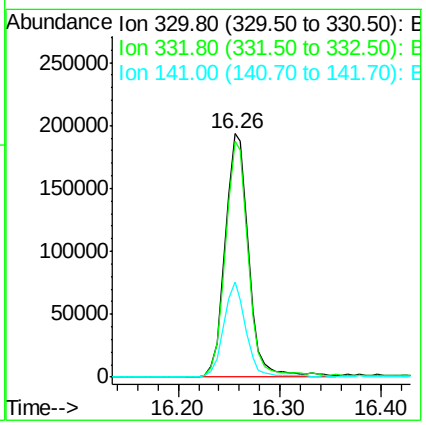


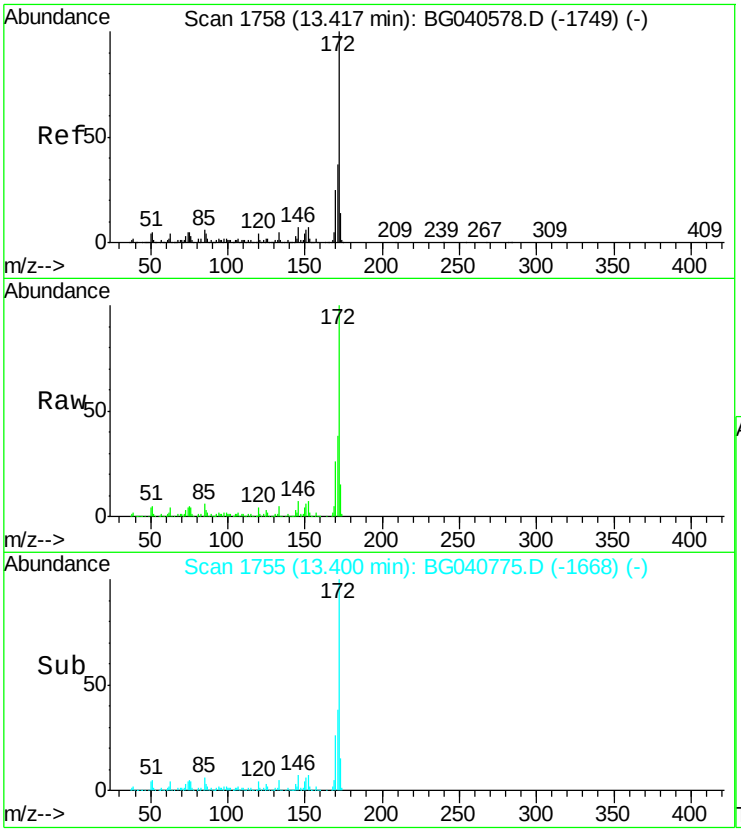


#42
2,4,6-Tribromophenol
Concen: 167.643 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion:330 Resp: 311885

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.9	113.9
141	37.0	32.4	48.6



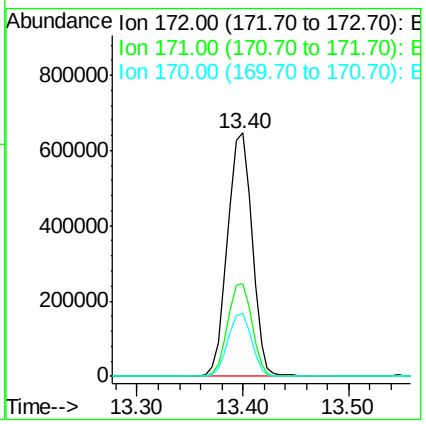


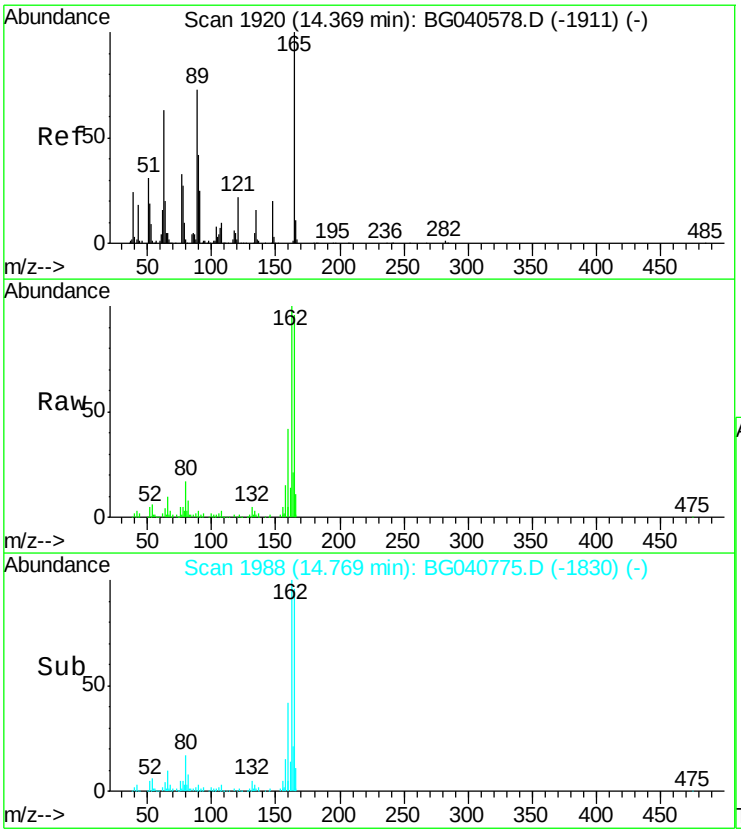
#45
2-Fluorobiphenyl
Concen: 111.029 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:172 Resp: 1040562

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.2
170	25.7	19.9	29.9

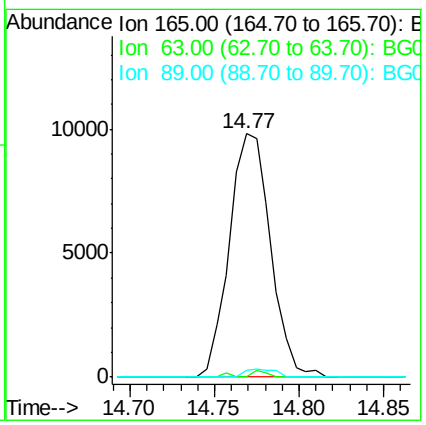


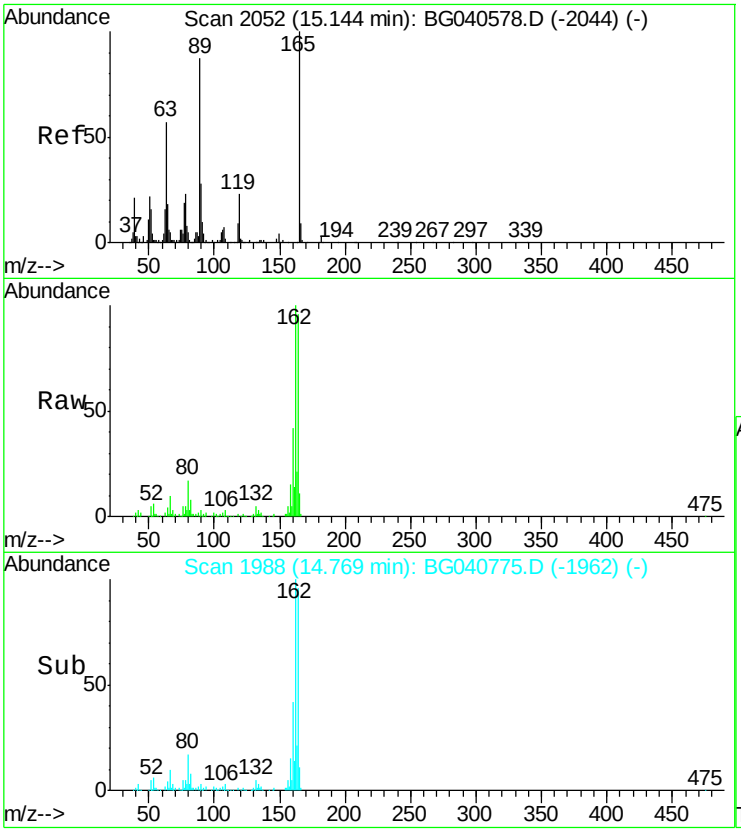


#51
2,6-Dinitrotoluene
Concen: 7.532 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion:165 Resp: 16647

Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	2.8	58.6	87.8#



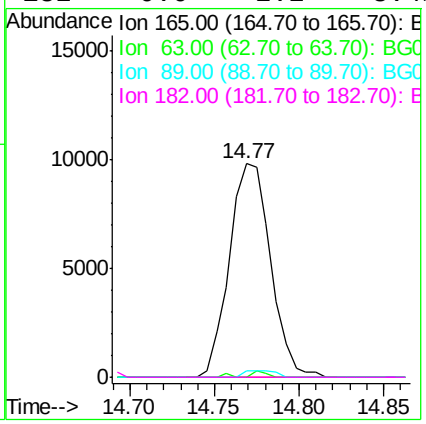


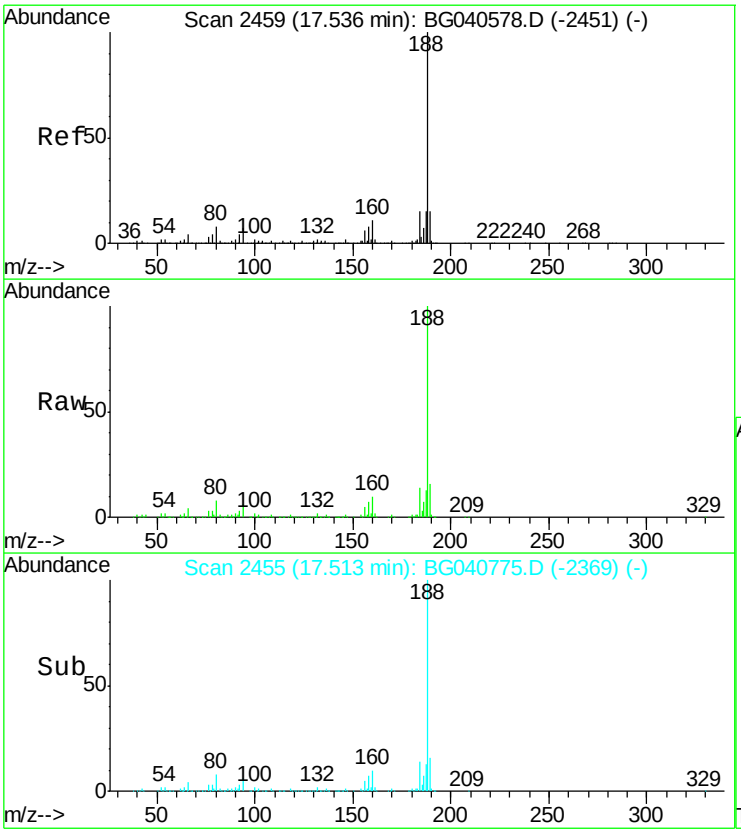
#57
2,4-Dinitrotoluene
Concen: 5.543 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:165 Resp: 16647

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.8	69.4	104.2#
182	0.0	2.2	3.4#

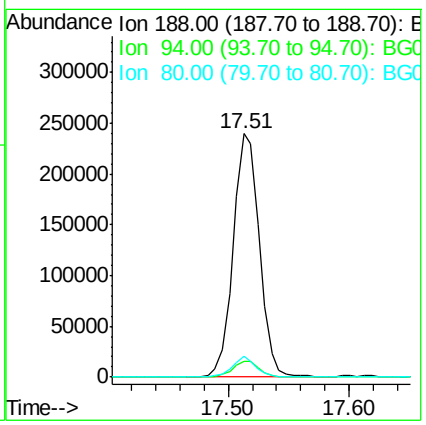


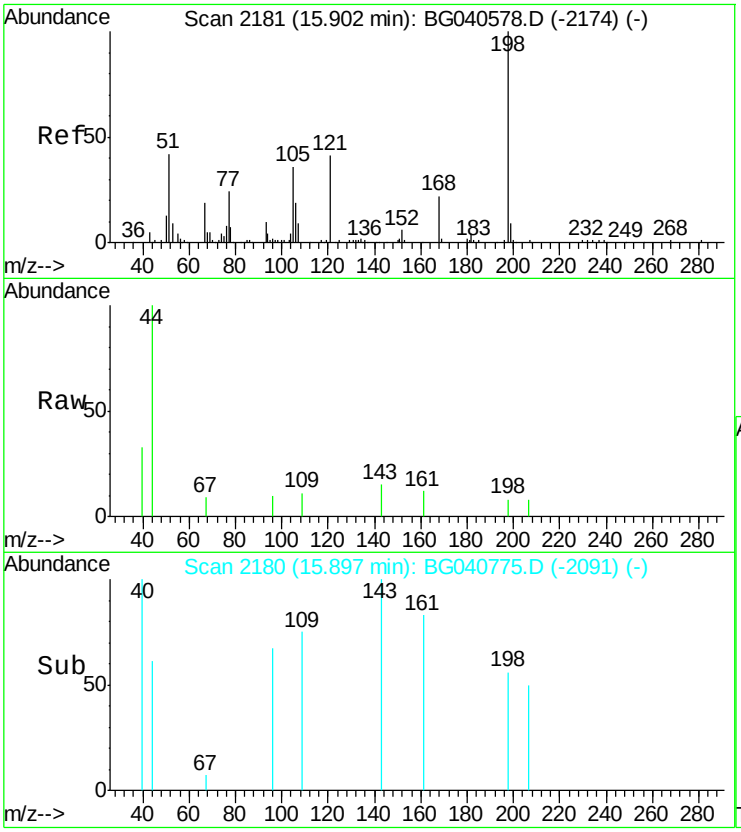


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion:188 Resp: 362399

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.6	8.4
80	8.4	6.4	9.6



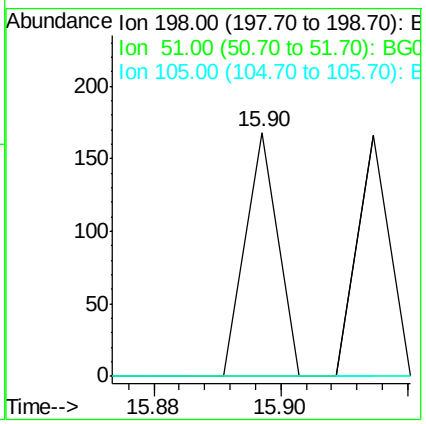


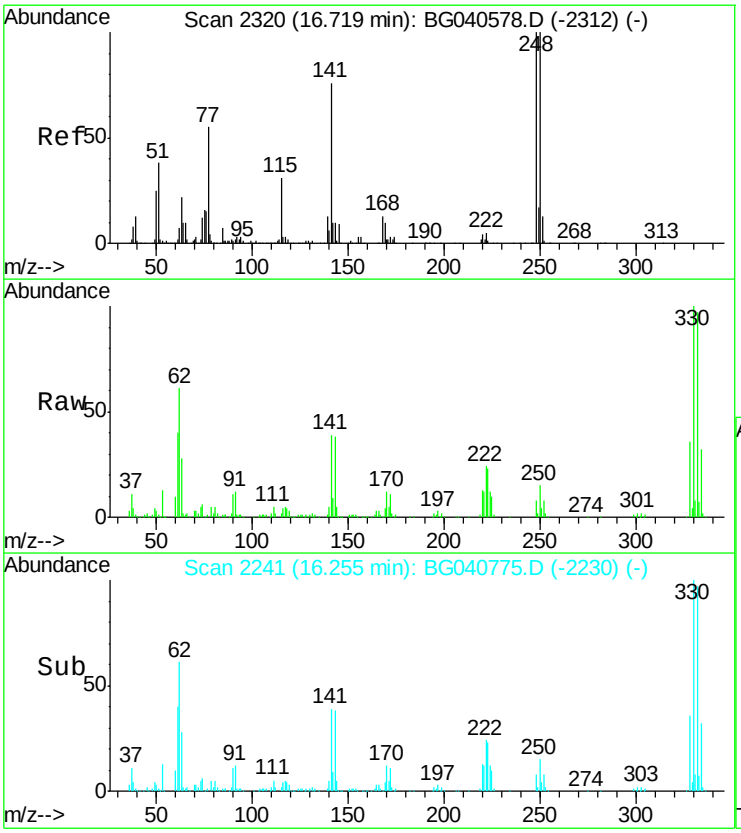
#65
4,6-Dinitro-2-methylphenol
Concen: 7.129 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:198 Resp: 59

Ion	Ratio	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#

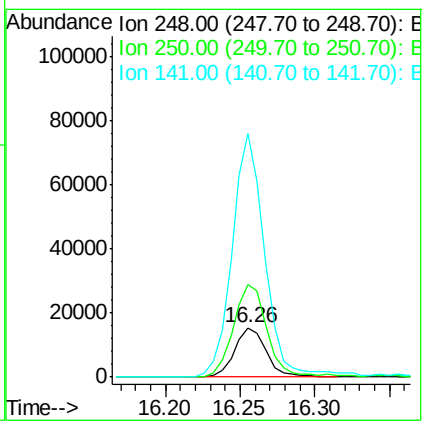


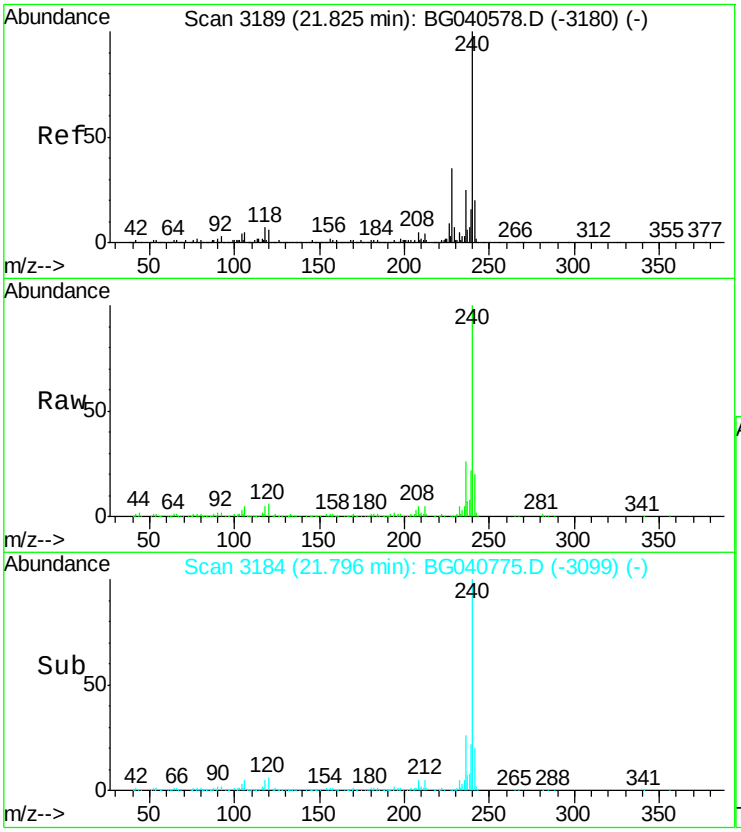


#67
4-Bromophenyl-phenylether
Concen: 5.019 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion:248 Resp: 22659

Ion	Ratio	Lower	Upper
248	100		
250	185.5	79.8	119.6#
141	490.6	60.8	91.2#



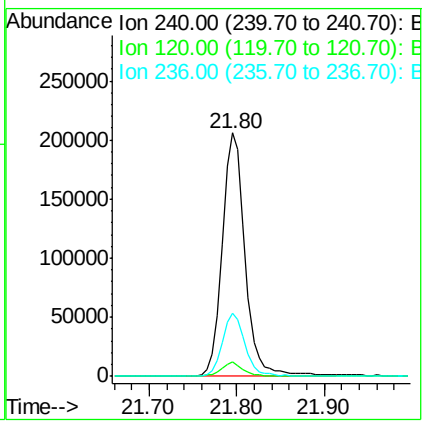


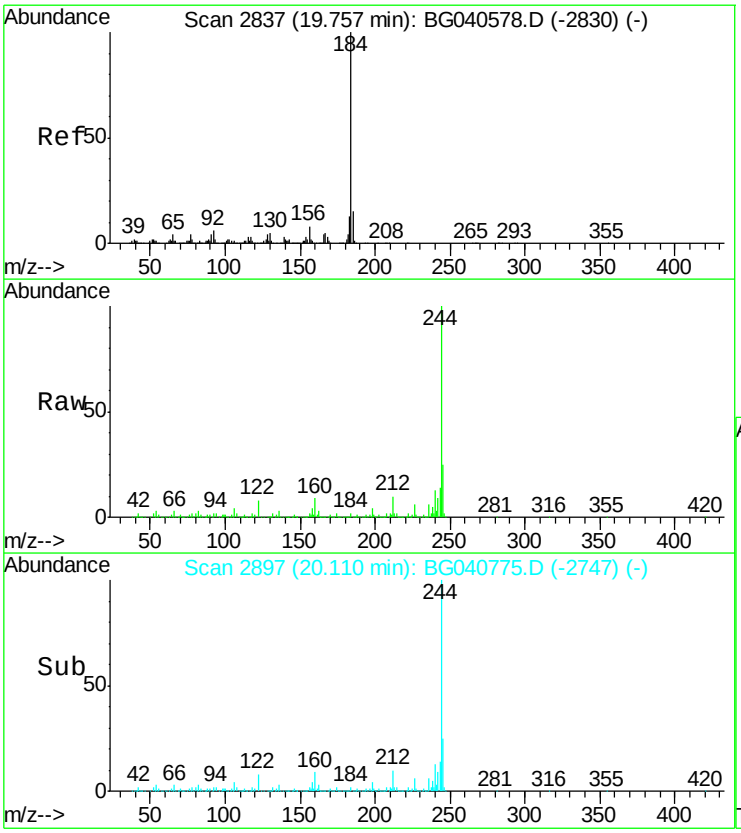
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:240 Resp: 369731

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.6
236	26.2	20.3	30.5

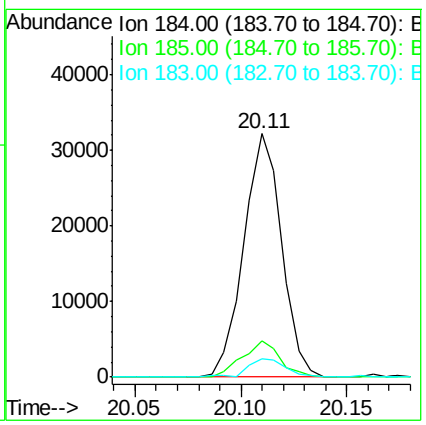


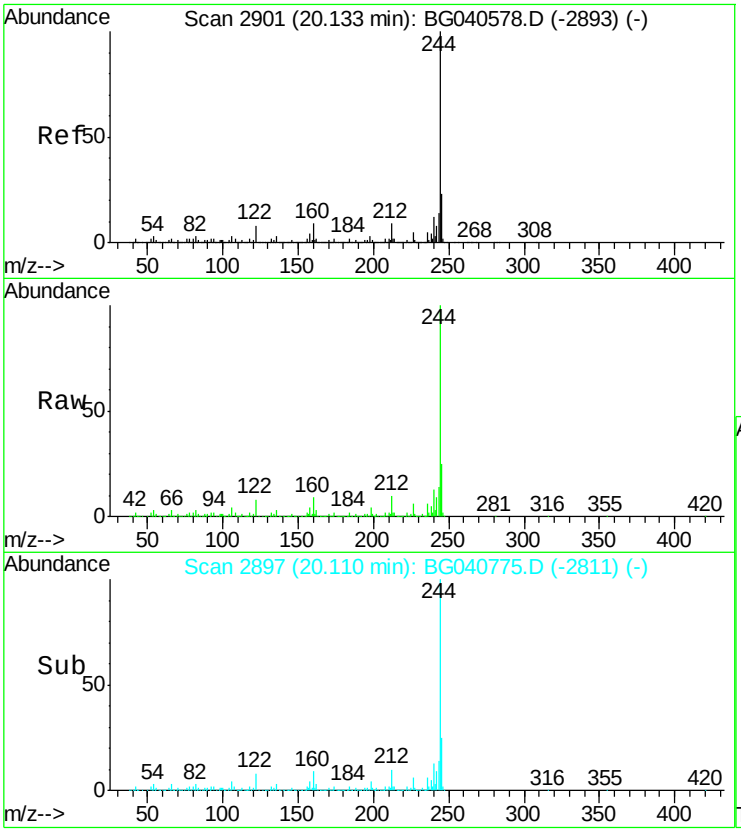


#77
Benzidine
Concen: 3.953 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion:184 Resp: 40016

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.8
183	7.4	10.2	15.2#



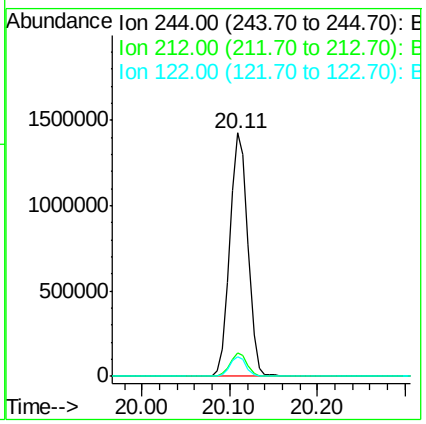


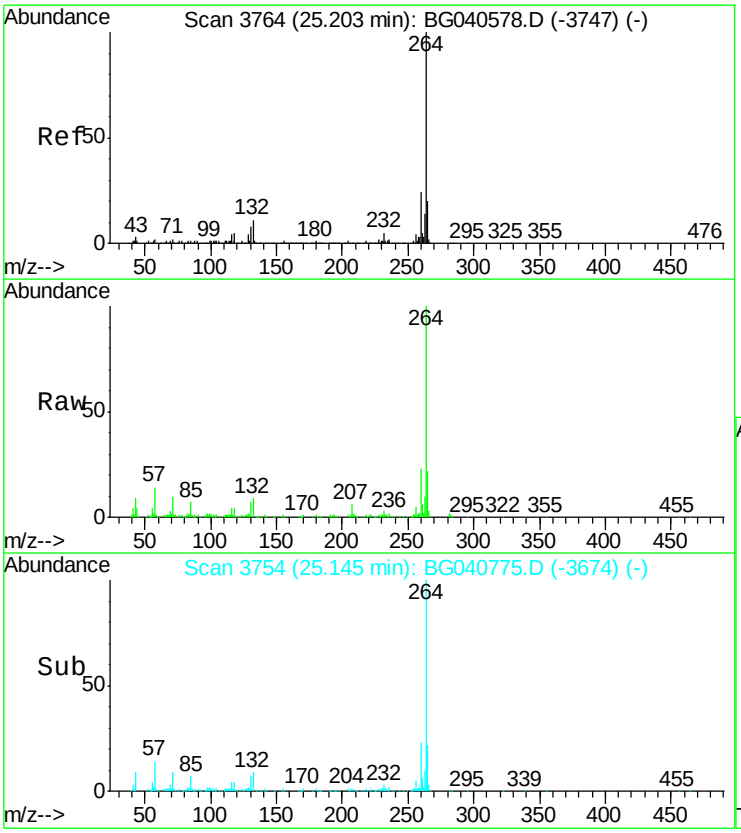
#79
Terphenyl-d14
Concen: 120.568 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502

Tgt Ion:244 Resp: 2012160

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	8.2	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3754
Delta R.T. -0.06 min
Lab File: BG040775.D
Acq: 7 May 2019 18:30

Tgt Ion:264 Resp: 349399

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.0	16.6	25.0