Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG043019\
Data File : BG040679.D
Acq On : 30 Apr 2019 19:42
Operator : JU/SJ
Sample : K2194-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 30 22:44:51 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	37738	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	148703	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	107151	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	291034	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	315974	20.00	ng	-0.03
87) Perylene-d12	25.16	264	329734	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	297091	138.77	ng	0.00
7) Phenol-d6	7.29	99	392235	118.99	ng	0.00
23) Nitrobenzene-d5	9.33	82	347042	107.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	244824	166.23	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	717856	96.75	ng	-0.01
79) Terphenyl-d14	20.11	244	1531993	107.41	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	858	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	50134	16.896	ng	# 75
51) 2,6-Dinitrotoluene	14.77	165	13350	7.630	ng	# 16
54) 2,4-Dinitrophenol	14.92	184	80	7.089	ng	# 21
57) 2,4-Dinitrotoluene	14.77	165	13350	5.615	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.65	198	53	7.133	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	17798	4.909	ng	# 1
77) Benzidine	20.11	184	29054	3.358	ng	# 91

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

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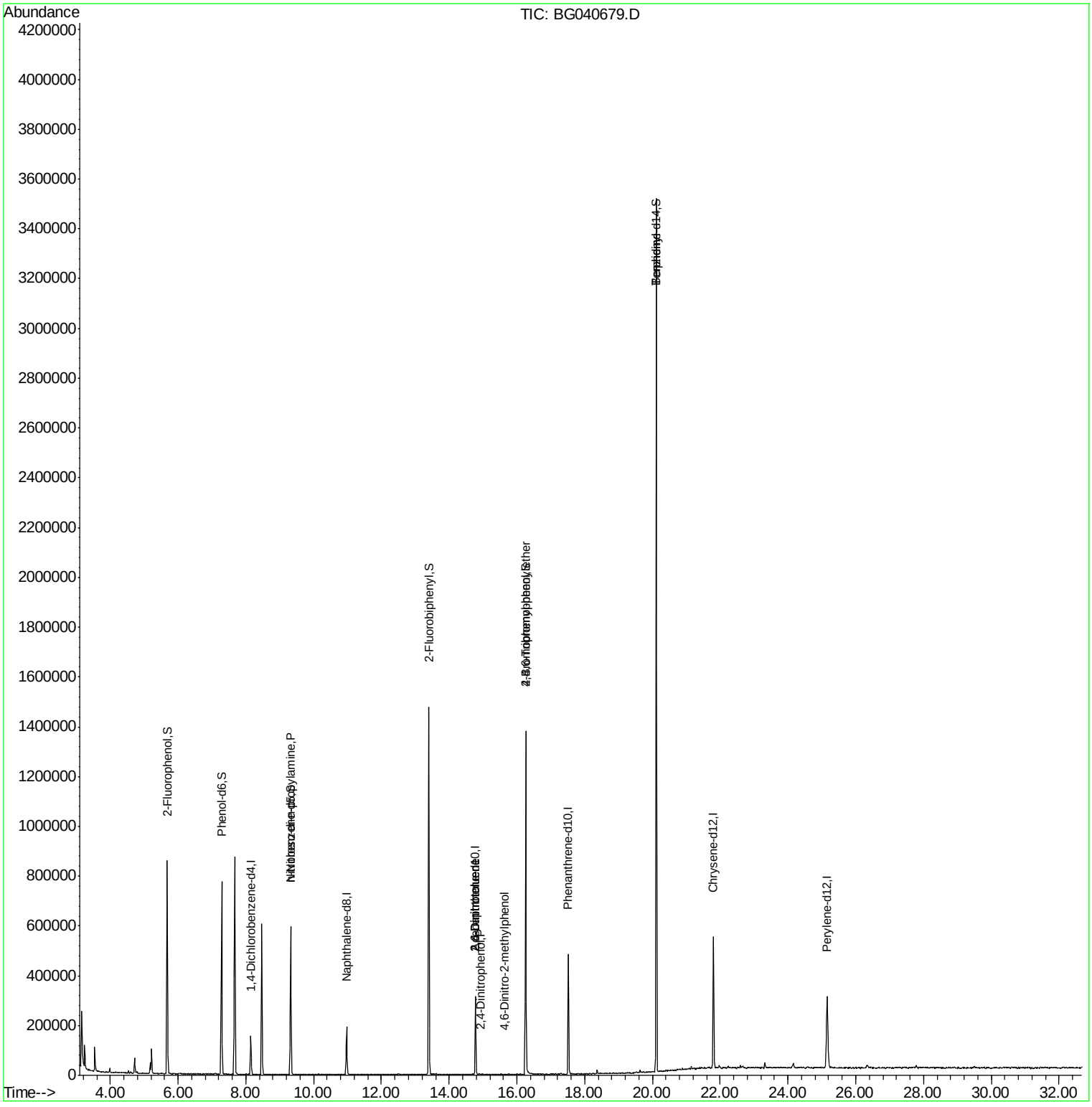
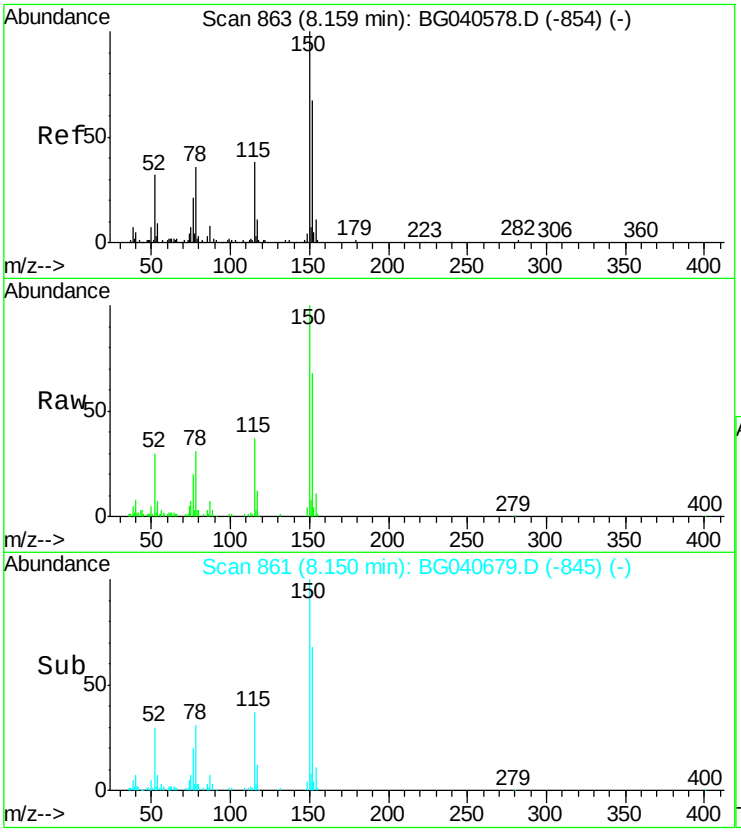
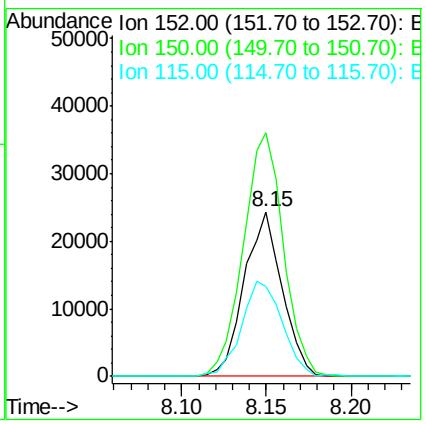




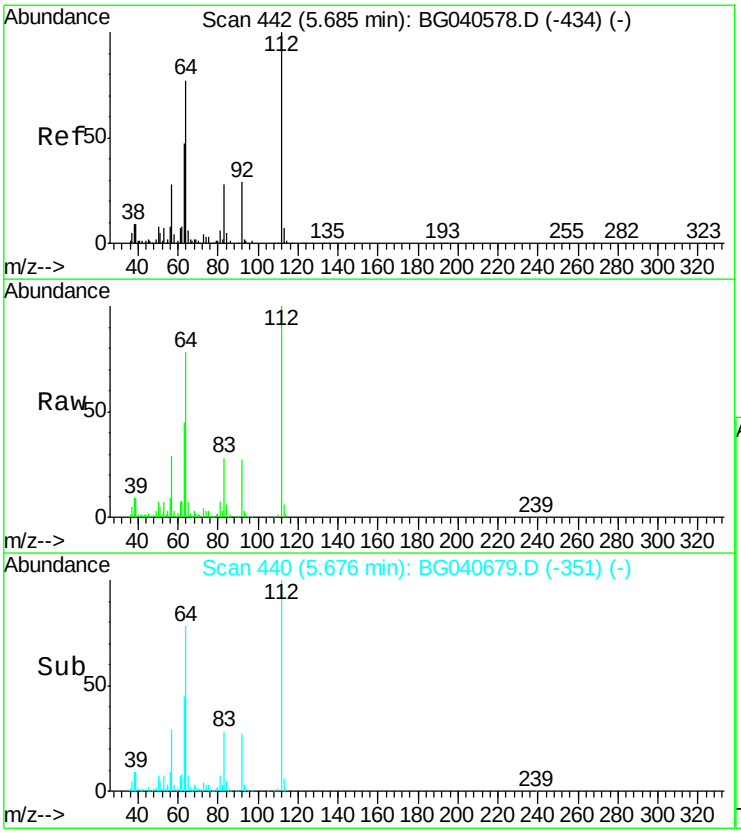
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:152 Resp: 37738

Ion	Ratio	Lower	Upper
152	100		
150	148.0	120.2	180.2
115	54.9	46.2	69.2



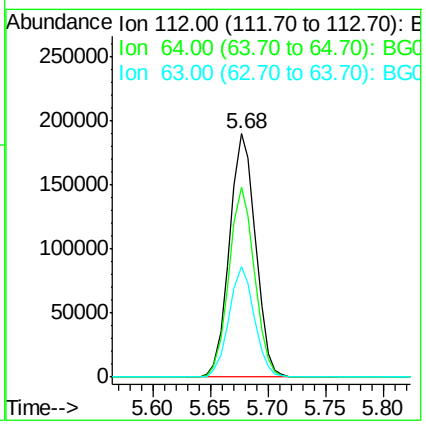
Instrument :
BNA_G
ClientSampleId :

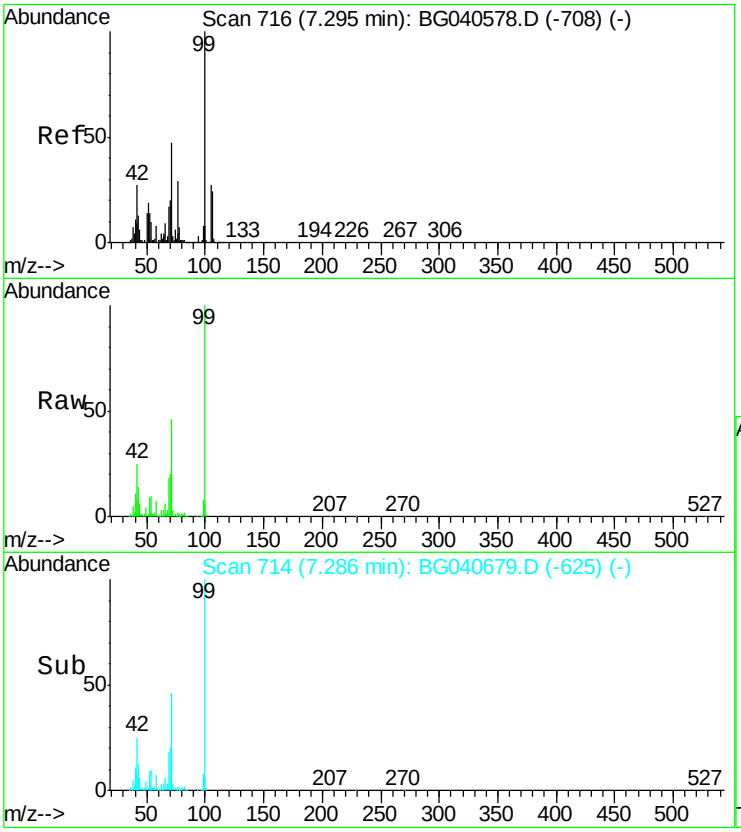


#5
2-Fluorophenol
Concen: 138.773 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:112 Resp: 297091

Ion	Ratio	Lower	Upper
112	100		
64	78.2	61.4	92.0
63	45.2	37.8	56.6



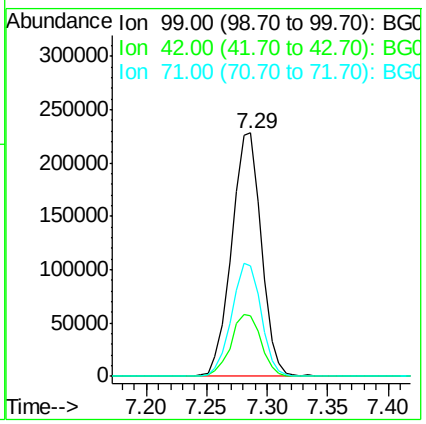


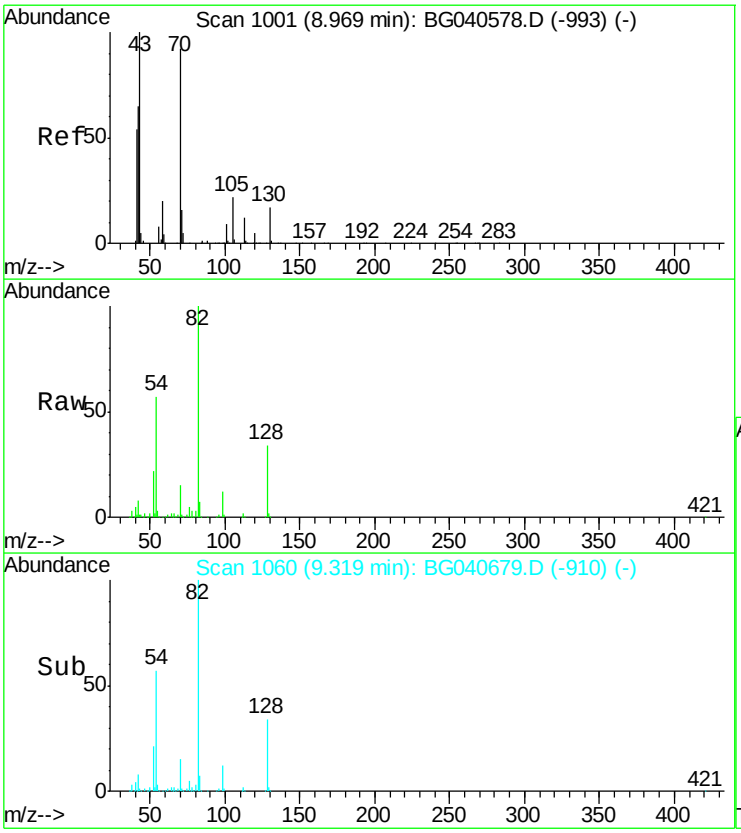
#7
Phenol-d6
Concen: 118.993 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 392235

Ion	Ratio	Lower	Upper
99	100		
42	24.7	21.8	32.8
71	45.6	38.6	57.8

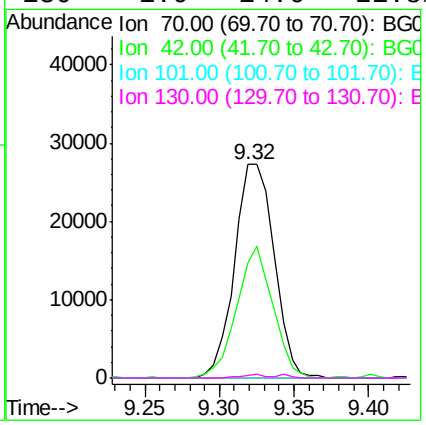


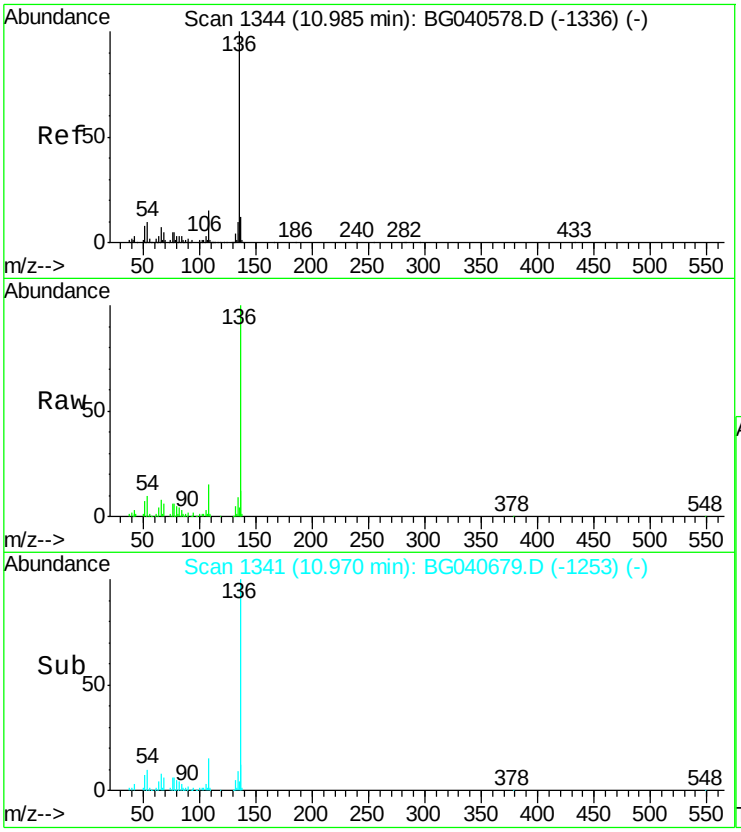


#19
n-Nitroso-di-n-propylamine
Concen: 16.896 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion: 70 Resp: 50134

Ion	Ratio	Lower	Upper
70	100		
42	53.9	57.1	85.7#
101	0.0	7.8	11.8#
130	1.0	14.6	21.8#



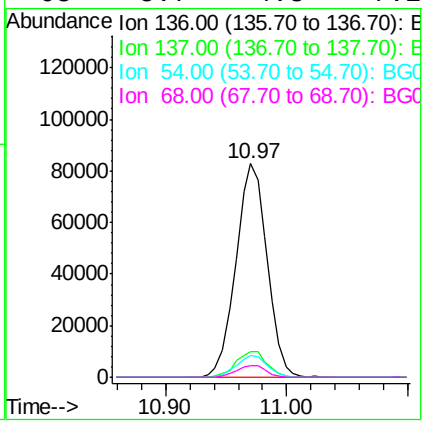


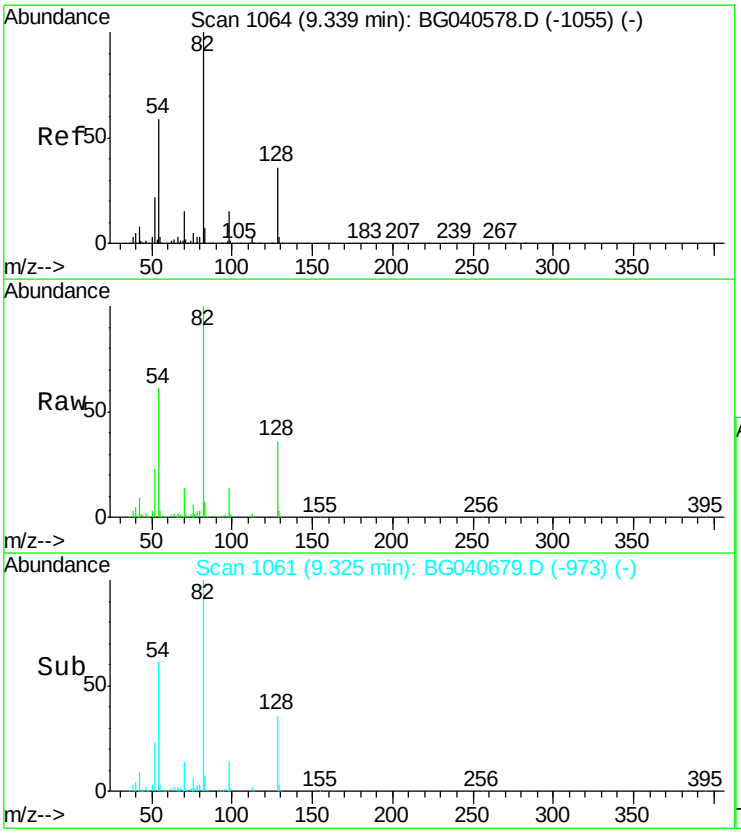
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 148703

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	10.3	8.6	12.8
68	5.7	4.8	7.2

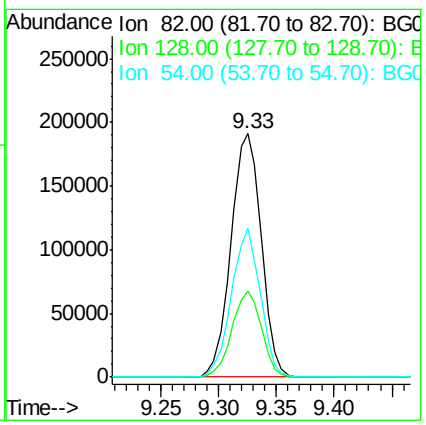


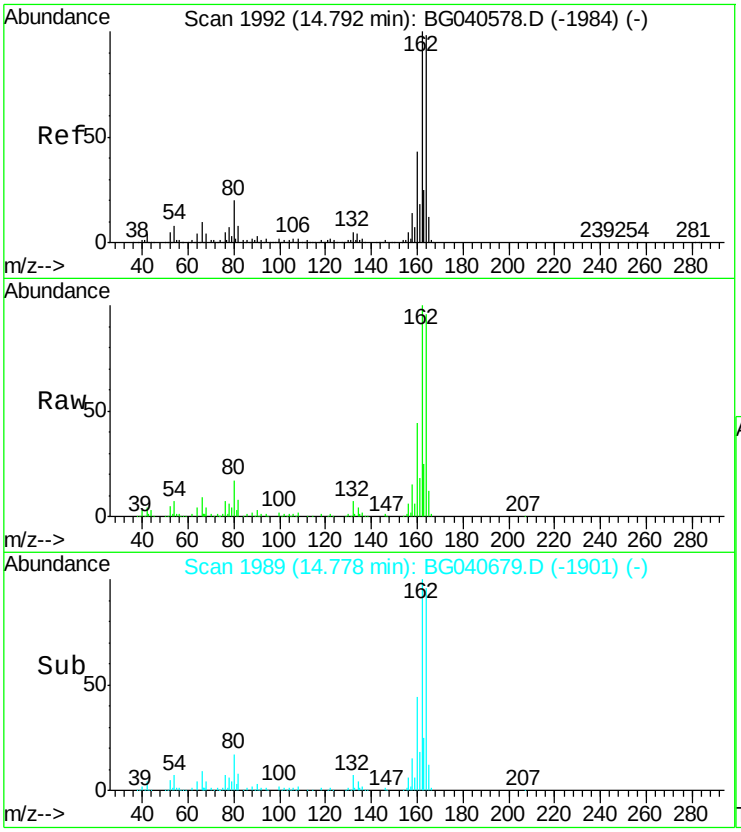


#23
Nitrobenzene-d5
Concen: 107.836 ng
RT: 9.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion: 82 Resp: 347042

Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.9	43.3
54	61.1	47.2	70.8



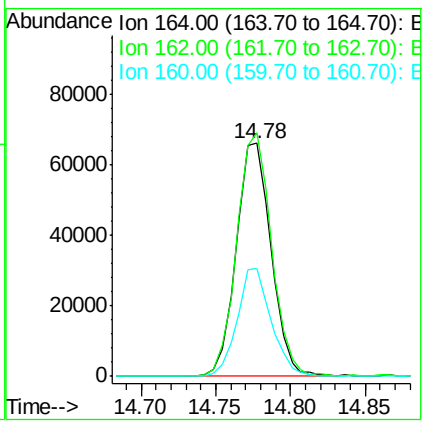


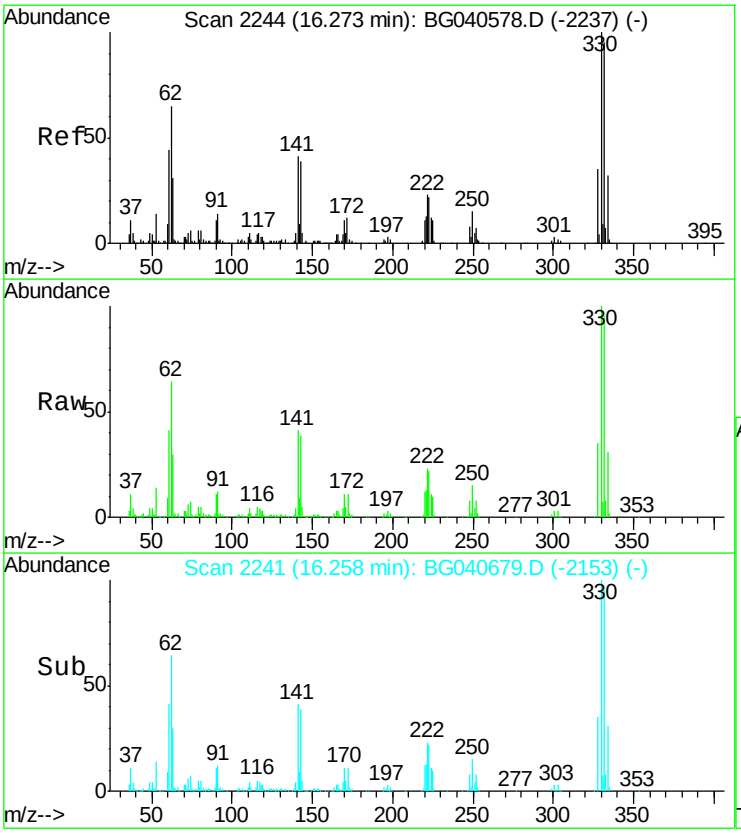
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 107151

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.9	122.9
160	46.3	35.4	53.2

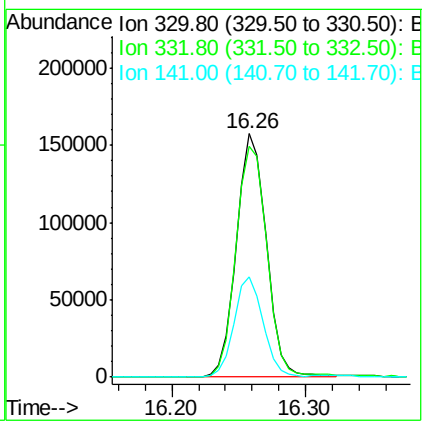


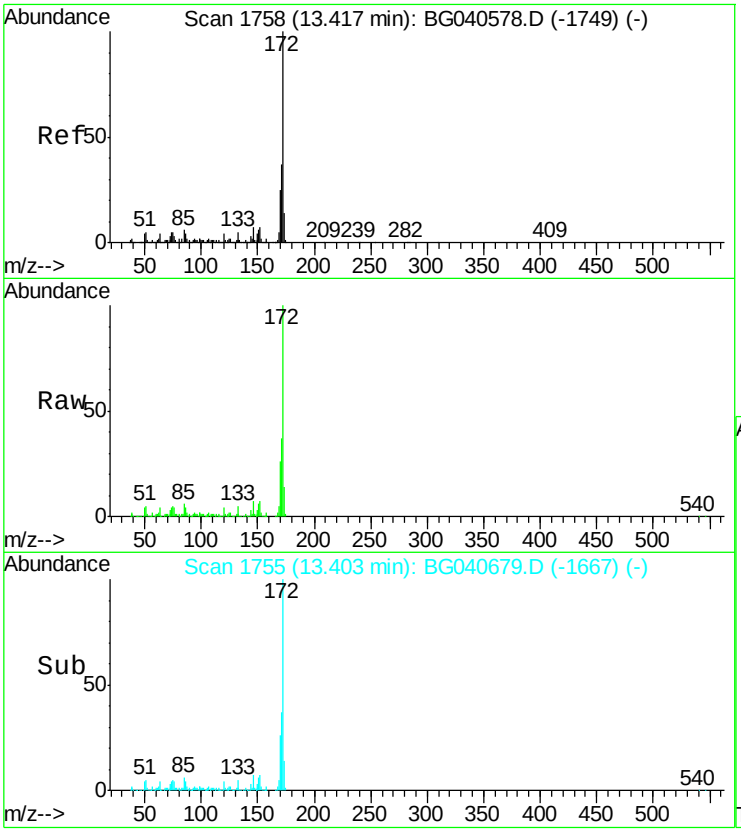


#42
2,4,6-Tribromophenol
Concen: 166.229 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:330 Resp: 244824

Ion	Ratio	Lower	Upper
330	100		
332	99.1	75.9	113.9
141	40.2	32.4	48.6



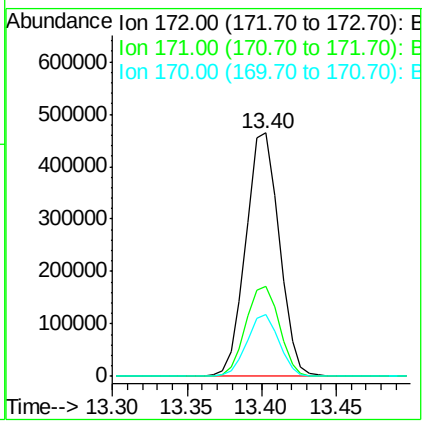


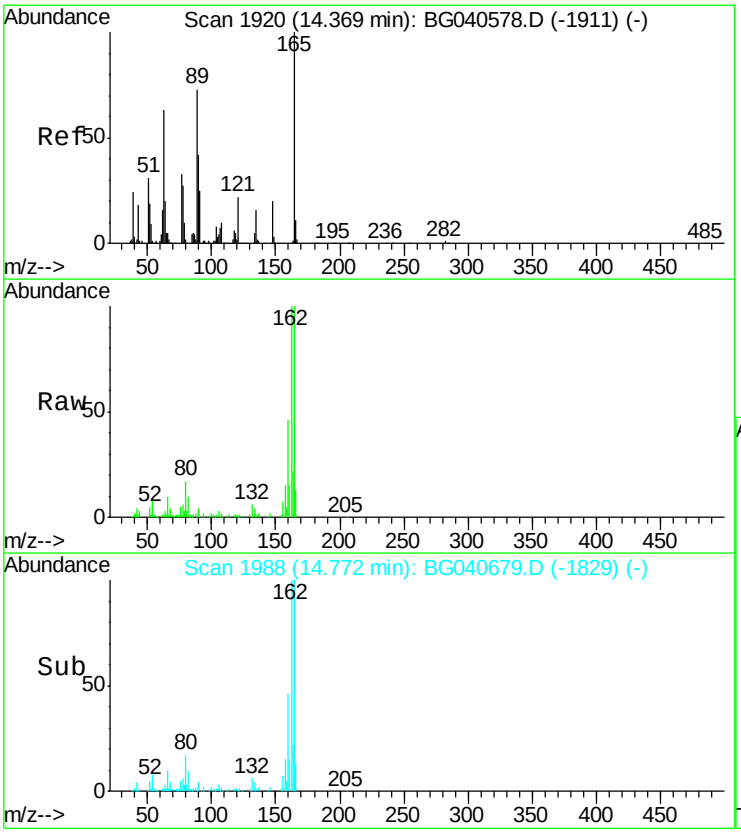
#45
2-Fluorobiphenyl
Concen: 96.754 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 717856

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	25.6	19.9	29.9

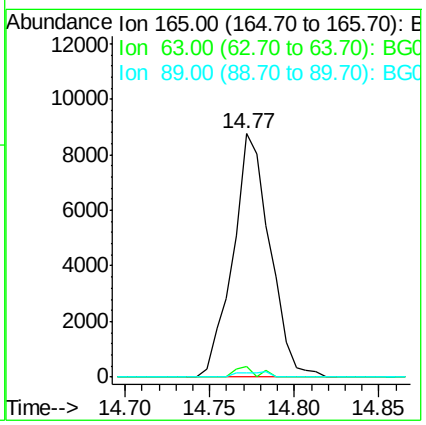


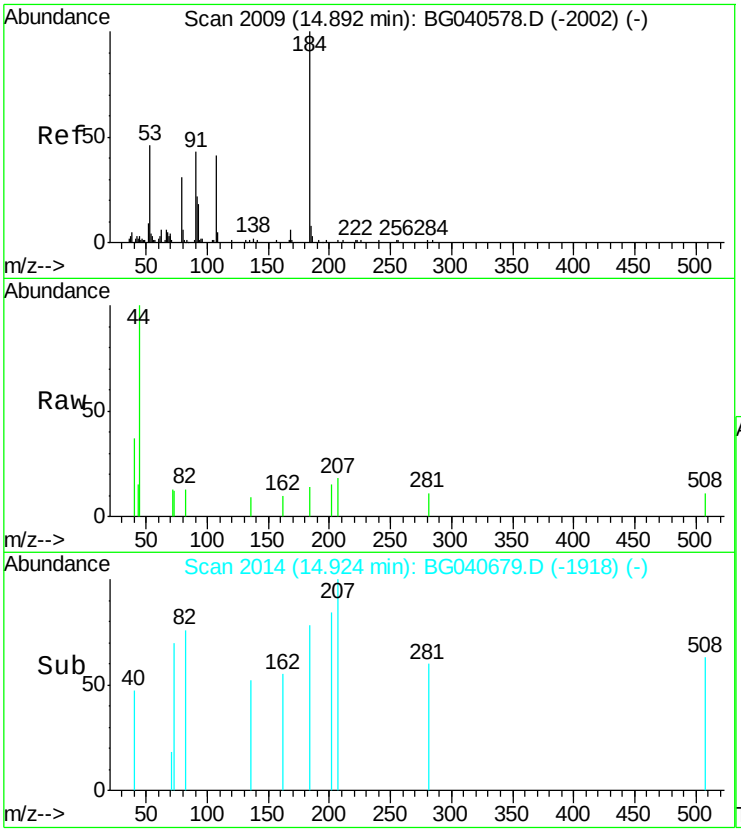


#51
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:165 Resp: 13350

Ion	Ratio	Lower	Upper
165	100		
63	4.2	61.0	91.4#
89	1.8	58.6	87.8#



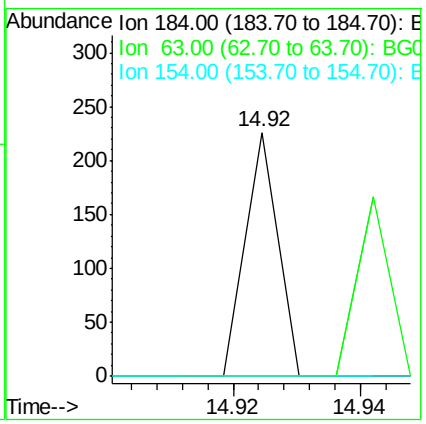


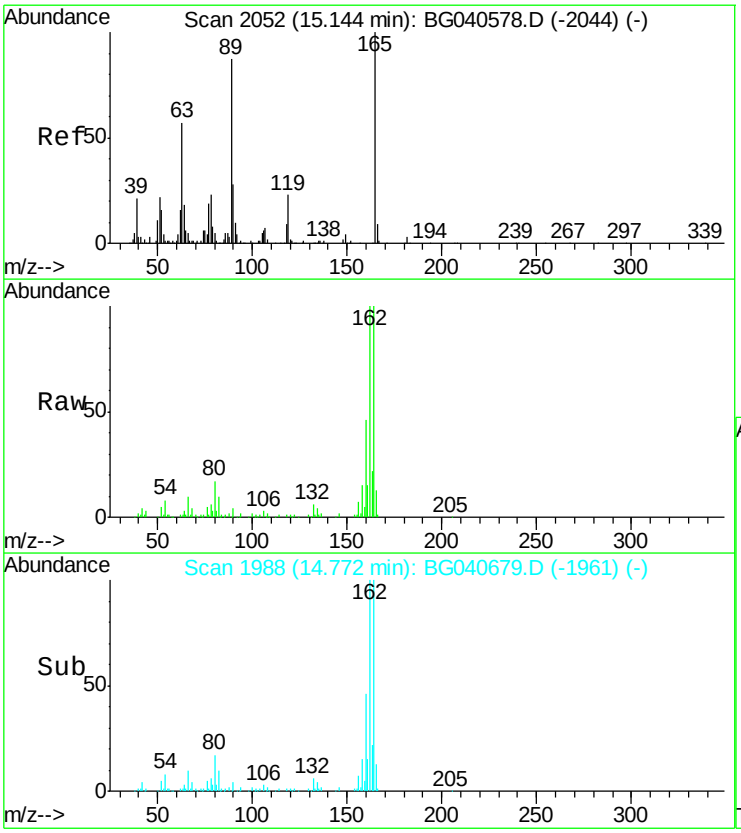
#54
2,4-Dinitrophenol
Concen: 7.089 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 80

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

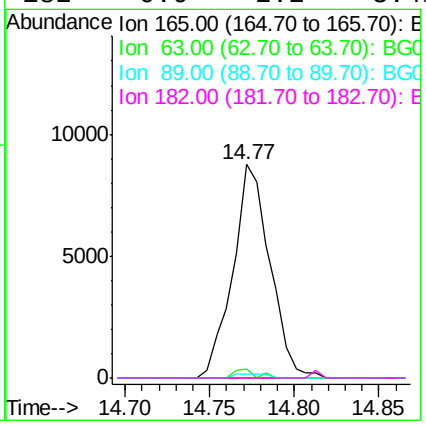


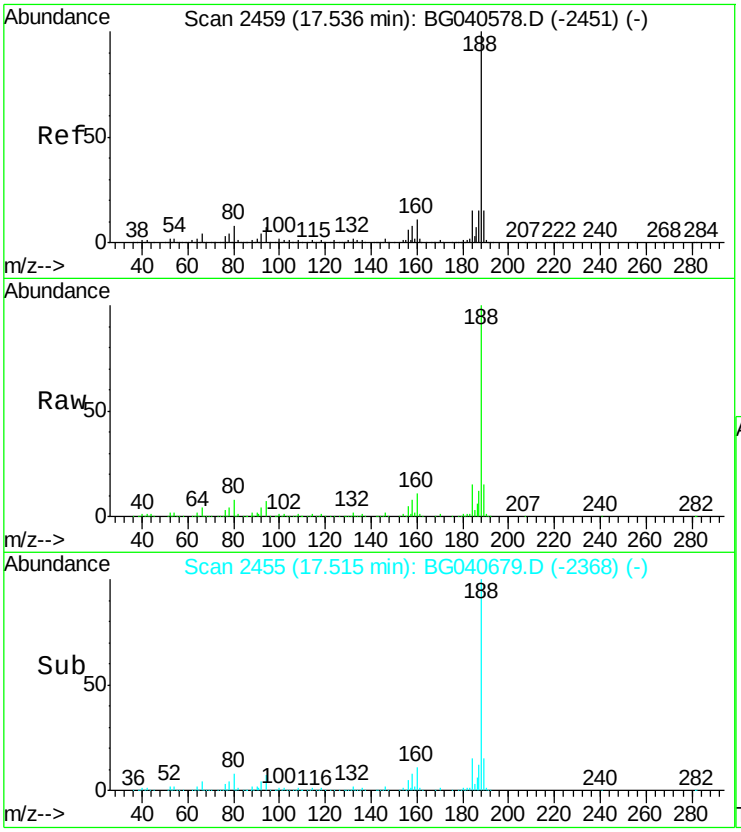


#57
2,4-Dinitrotoluene
Concen: 5.615 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.37 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:165 Resp: 13350

Ion	Ratio	Lower	Upper
165	100		
63	4.2	45.8	68.8#
89	1.8	69.4	104.2#
182	0.0	2.2	3.4#



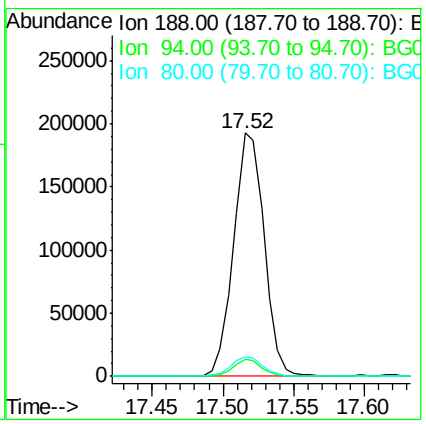


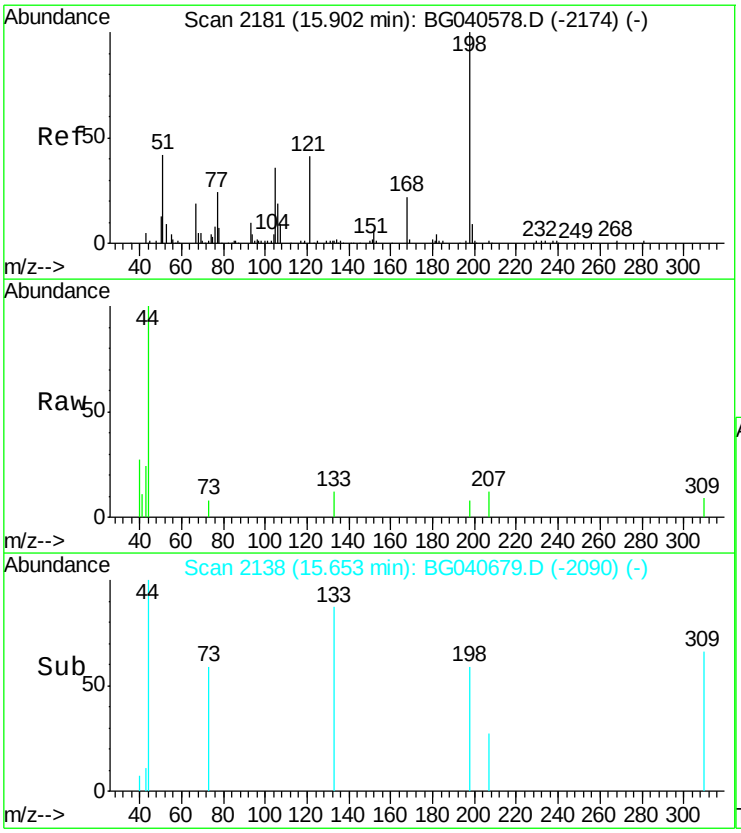
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 291034

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.6	8.4
80	8.3	6.4	9.6

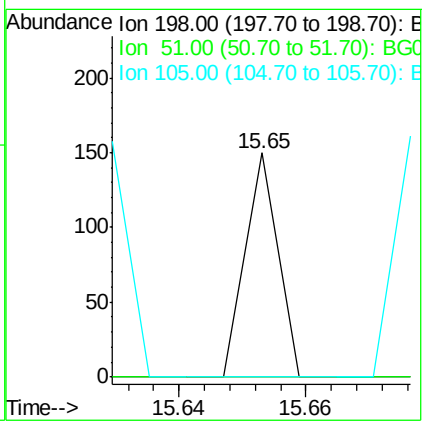


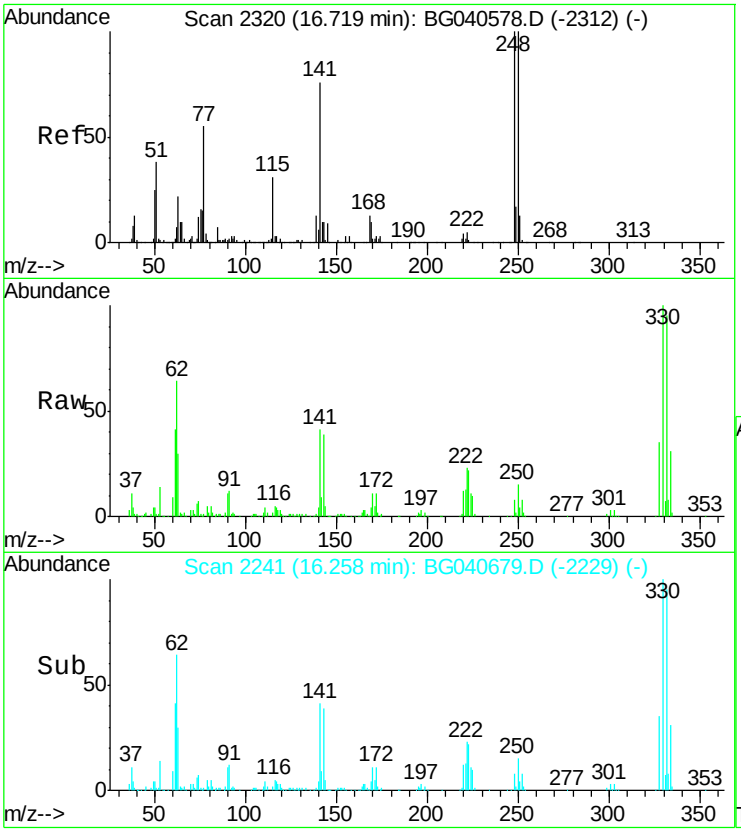


#65
4,6-Dinitro-2-methylphenol
Concen: 7.133 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.25 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:198 Resp: 53

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



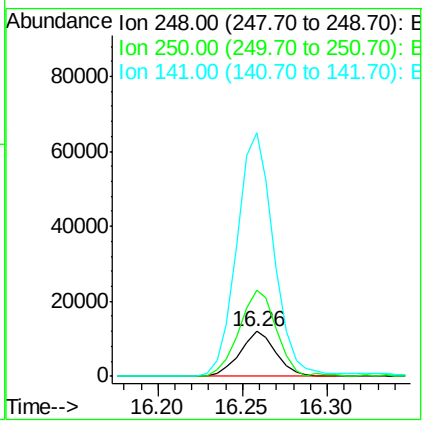


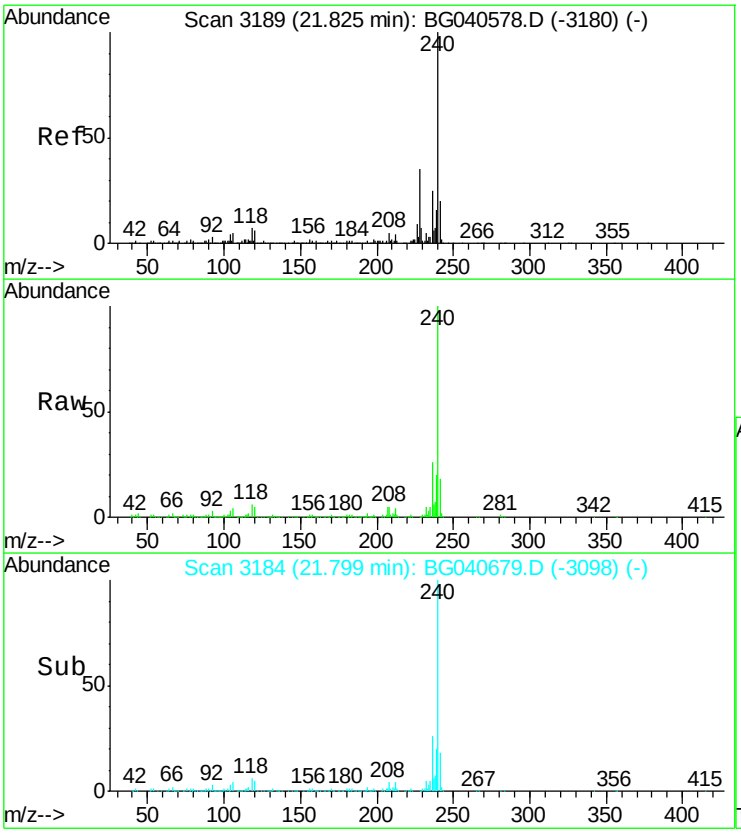
#67
4-Bromophenyl-phenylether
Concen: 4.909 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17798

Ion	Ratio	Lower	Upper
248	100		
250	190.1	79.8	119.6#
141	540.2	60.8	91.2#

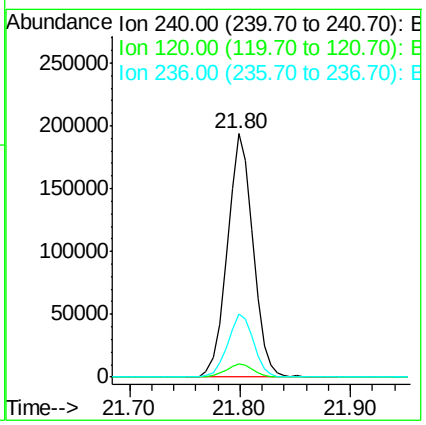


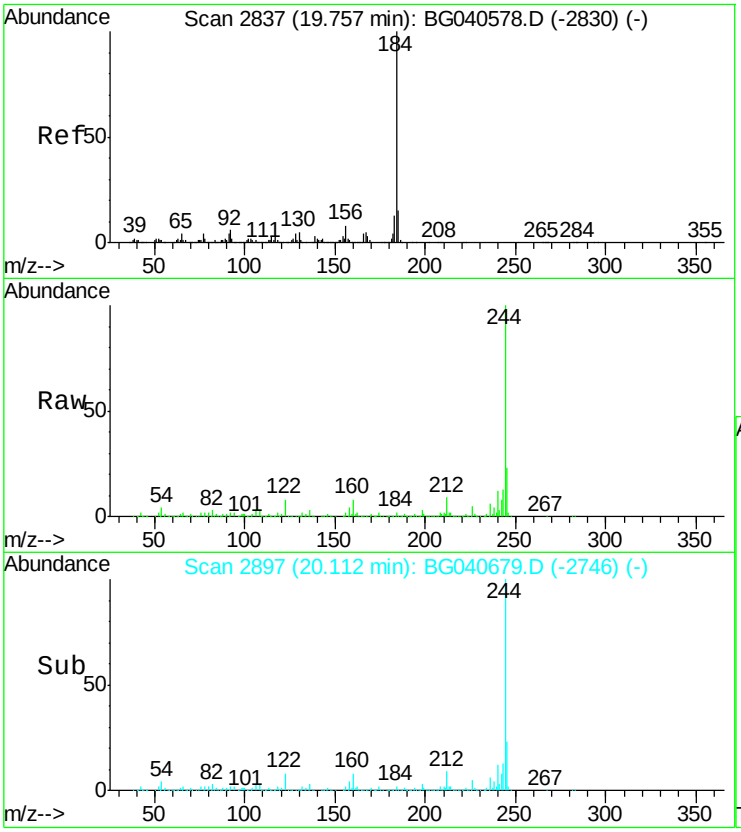


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:240 Resp: 315974

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.0	7.6
236	26.1	20.3	30.5



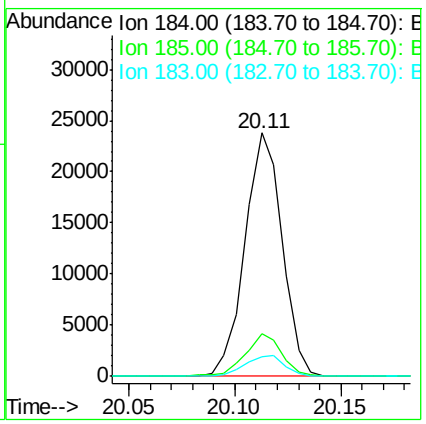


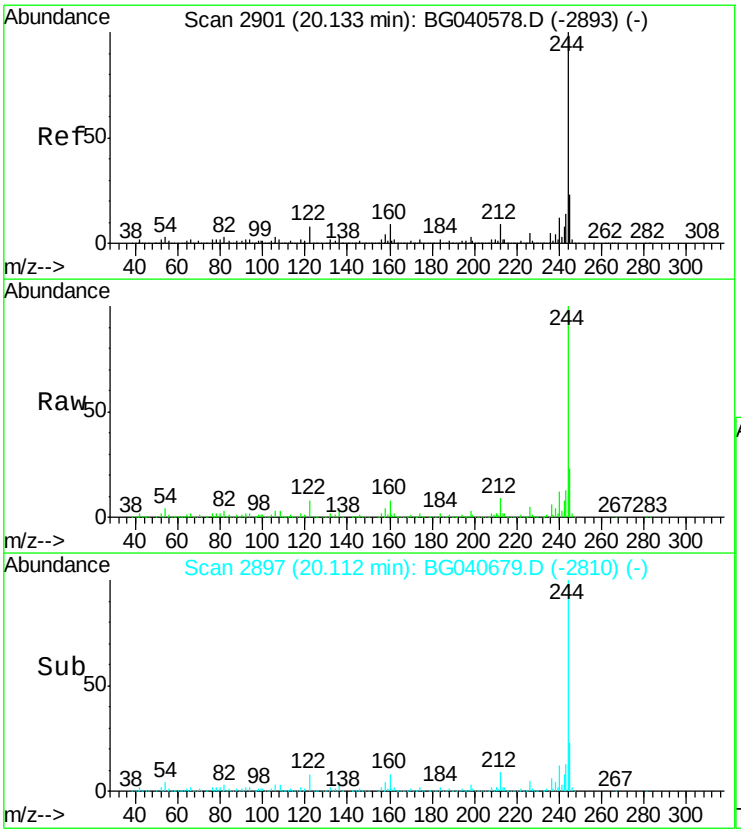
#77
Benzidine
Concen: 3.358 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.36 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29054

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.8	17.8
183	8.0	10.2	15.2#

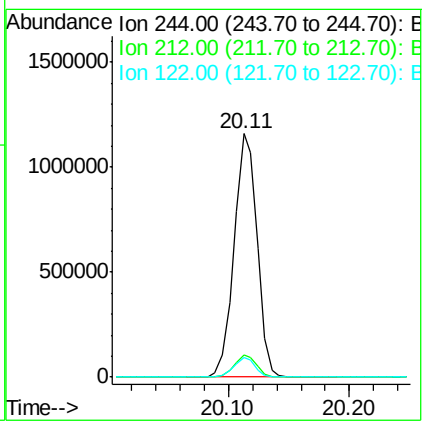


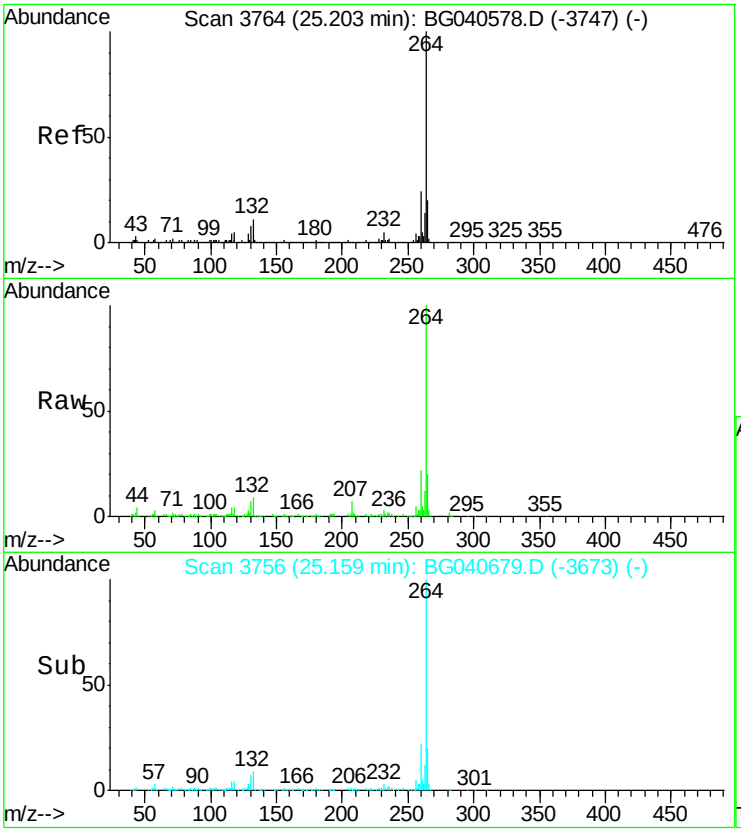


#79
Terphenyl-d14
Concen: 107.414 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Tgt Ion:244 Resp: 1531993

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	8.0	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.04 min
Lab File: BG040679.D
Acq: 30 Apr 2019 19:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 329734

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.5	16.6	25.0