Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040739.D
Acq On : 4 May 2019 00:11
Operator : JU/SJ
Sample : K2668-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Time: May 05 23:11:00 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	8.14	152	39240	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	156805	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	116266	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	338164	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	347817	20.00	ng	-0.03
87) Perylene-d12	25.16	264	347236	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	384039	172.52	ng	0.00
7) Phenol-d6	7.29	99	538352	157.07	ng	0.00
23) Nitrobenzene-d5	9.32	82	436489	128.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	266566	166.80	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	985768	122.45	ng	-0.02
79) Terphenyl-d14	20.11	244	1985056	126.44	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1467	Below Cal		# 14
19) n-Nitroso-di-n-propylamine	9.32	70	62974	20.411	ng	# 75
51) 2,6-Dinitrotoluene	14.77	165	15491	8.159	ng	# 12
57) 2,4-Dinitrotoluene	14.77	165	15491	6.005	ng	# 14
65) 4,6-Dinitro-2-methylphenol	15.73	198	61	7.132	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	19106	4.535	ng	# 1
77) Benzidine	20.12	184	38463	4.039	ng	96

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

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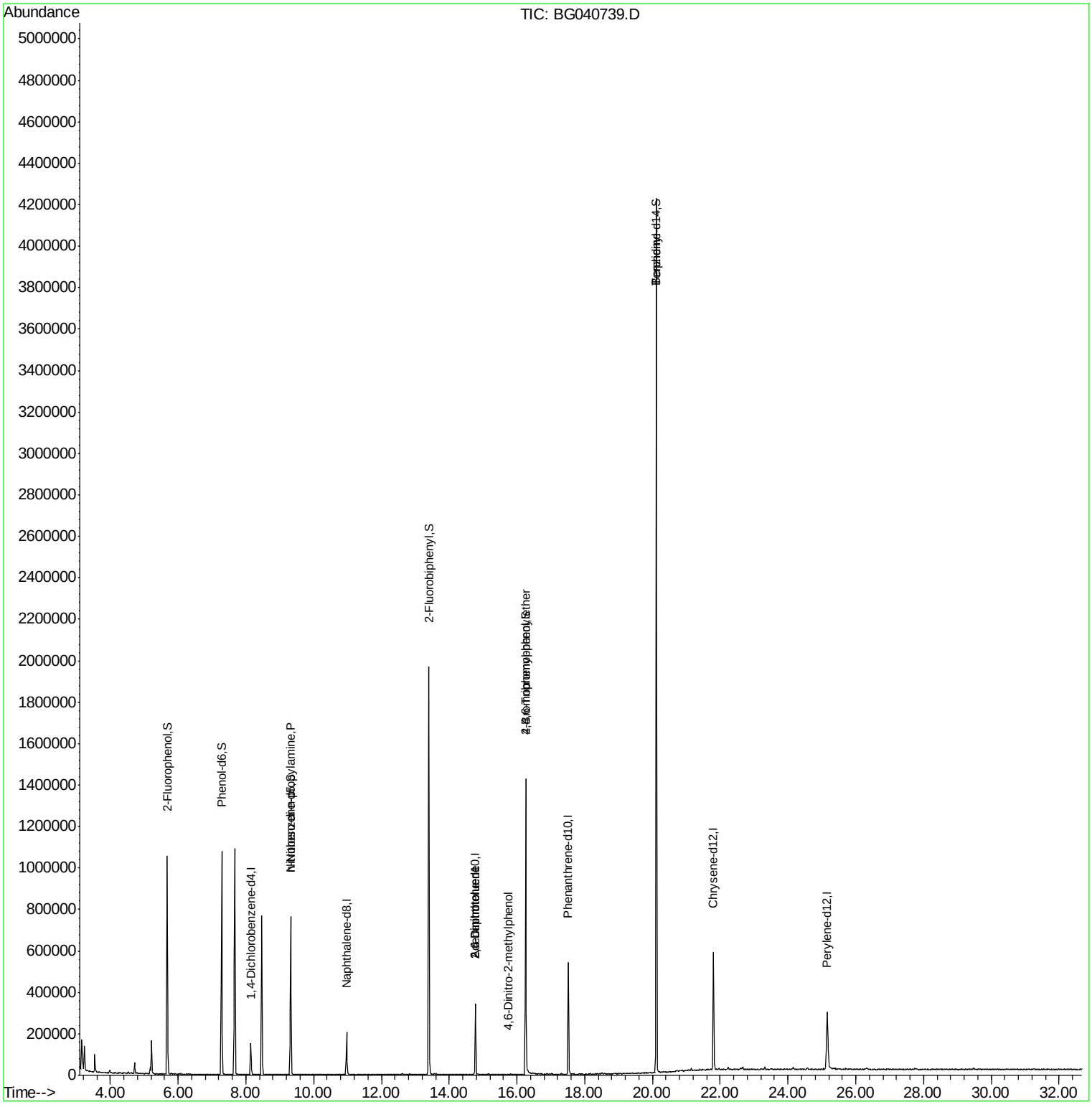
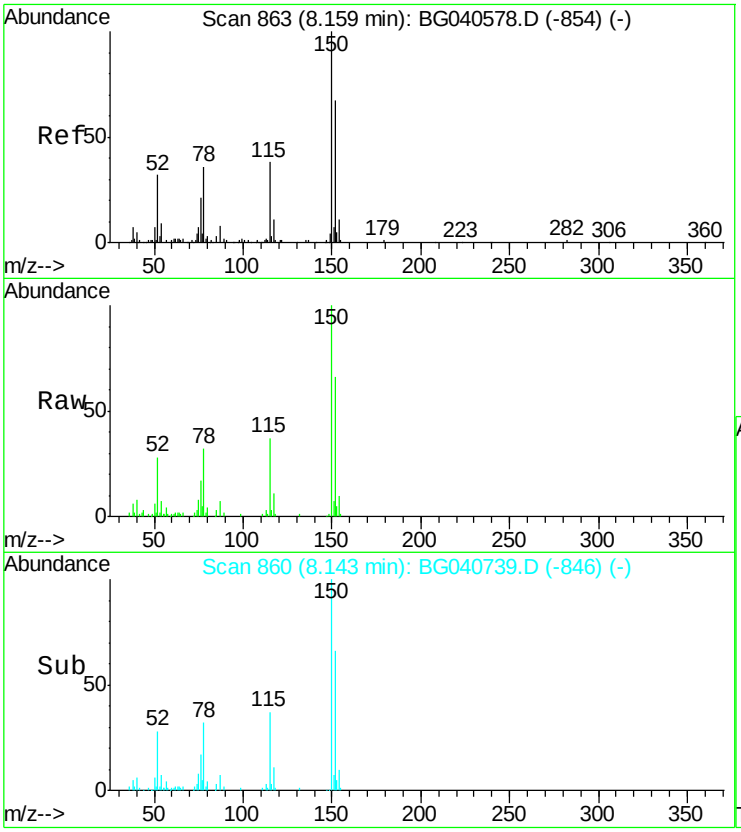


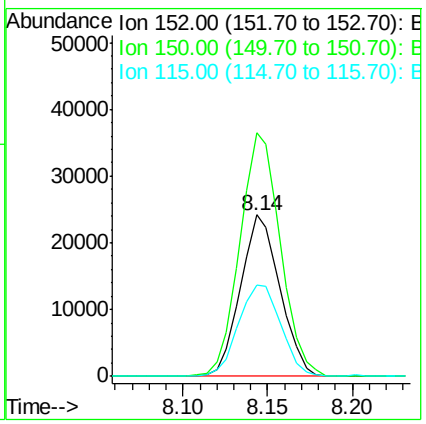


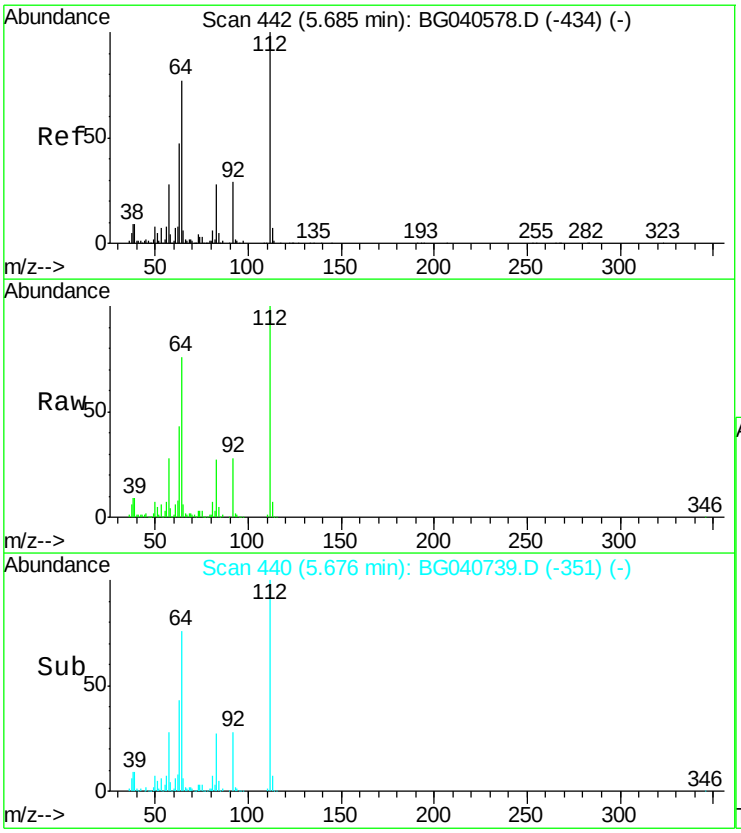
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 39240

Ion	Ratio	Lower	Upper
152	100		
150	151.0	120.2	180.2
115	56.5	46.2	69.2

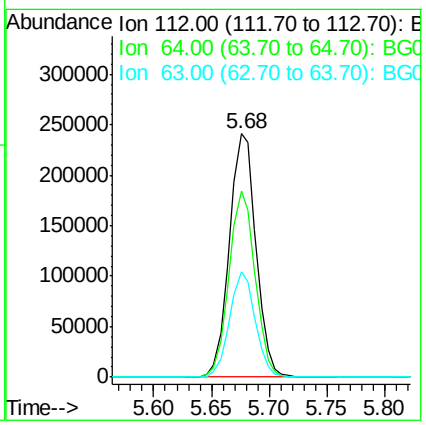


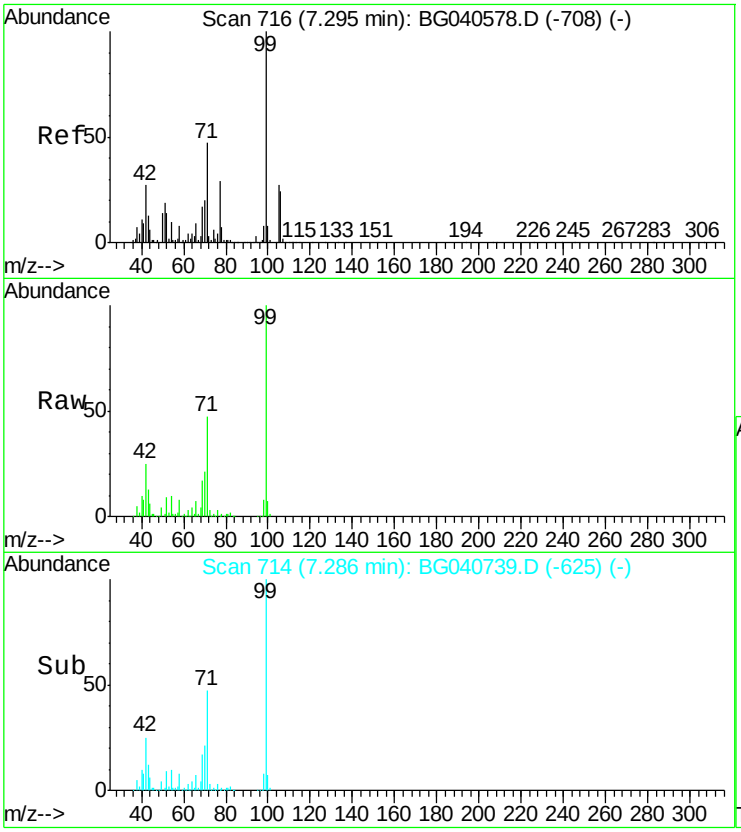


#5
2-Fluorophenol
Concen: 172.521 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion:112 Resp: 384039

Ion	Ratio	Lower	Upper
112	100		
64	76.3	61.4	92.0
63	43.4	37.8	56.6



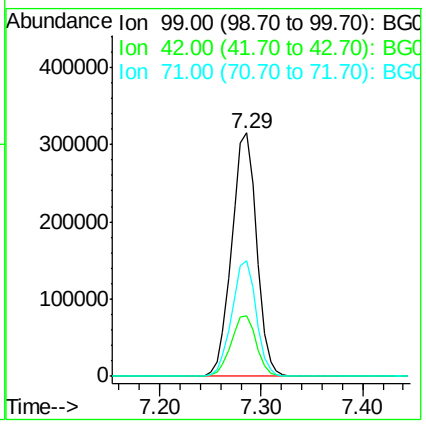


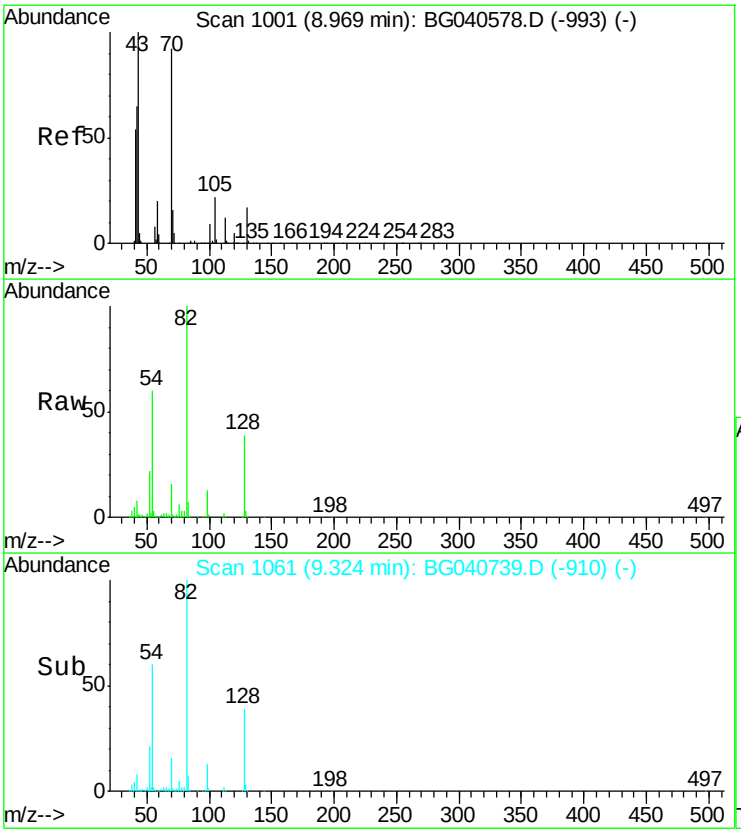
#7
Phenol-d6
Concen: 157.069 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 538352

Ion	Ratio	Lower	Upper
99	100		
42	24.7	21.8	32.8
71	47.3	38.6	57.8

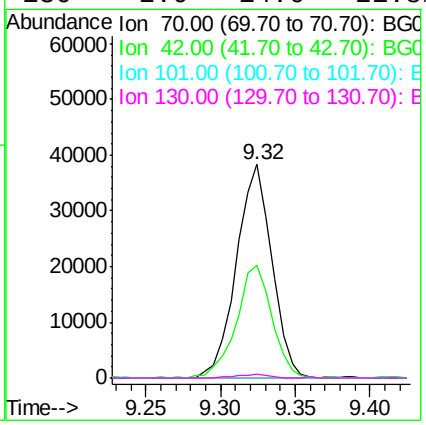


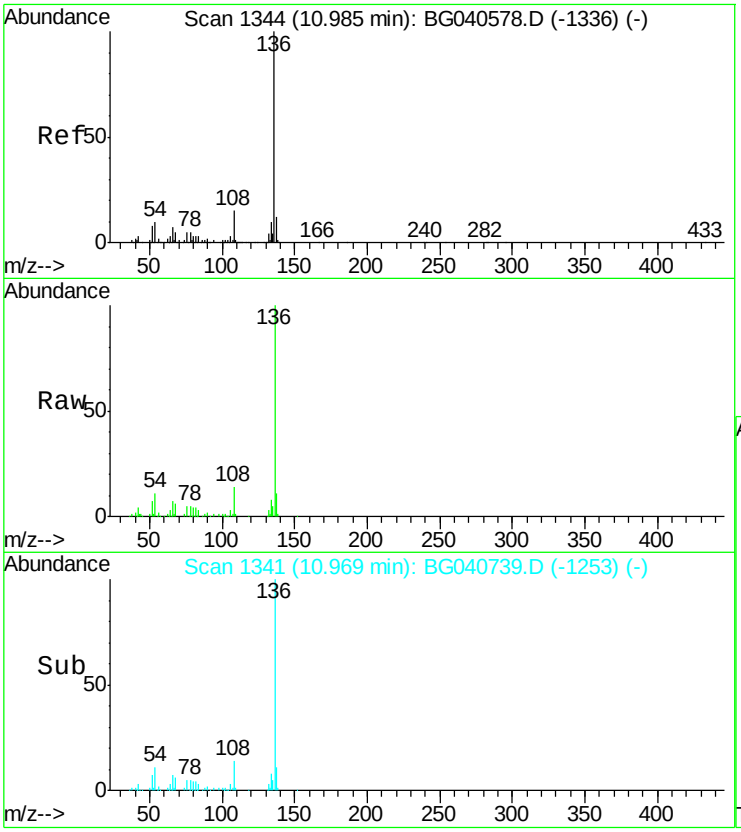


#19
n-Nitroso-di-n-propylamine
Concen: 20.411 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion: 70 Resp: 62974

Ion	Ratio	Lower	Upper
70	100		
42	52.9	57.1	85.7#
101	0.0	7.8	11.8#
130	2.0	14.6	21.8#



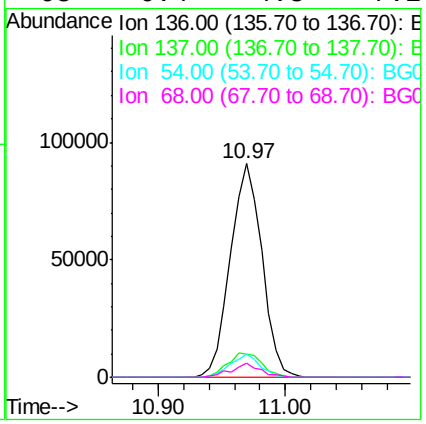


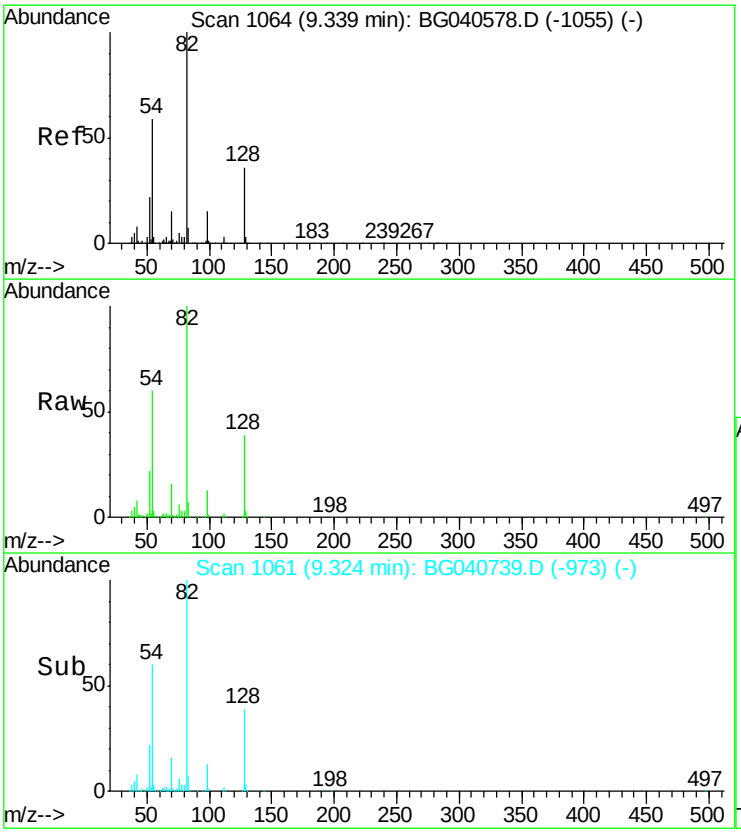
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 156805

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.7	14.5
54	10.5	8.6	12.8
68	6.4	4.8	7.2

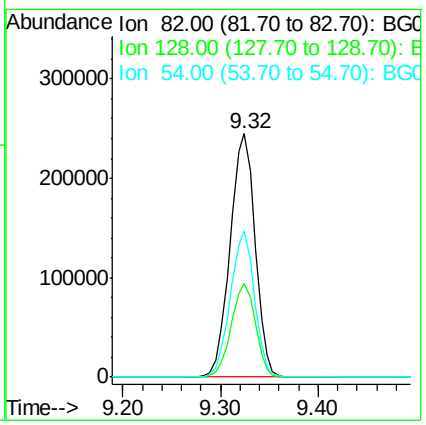


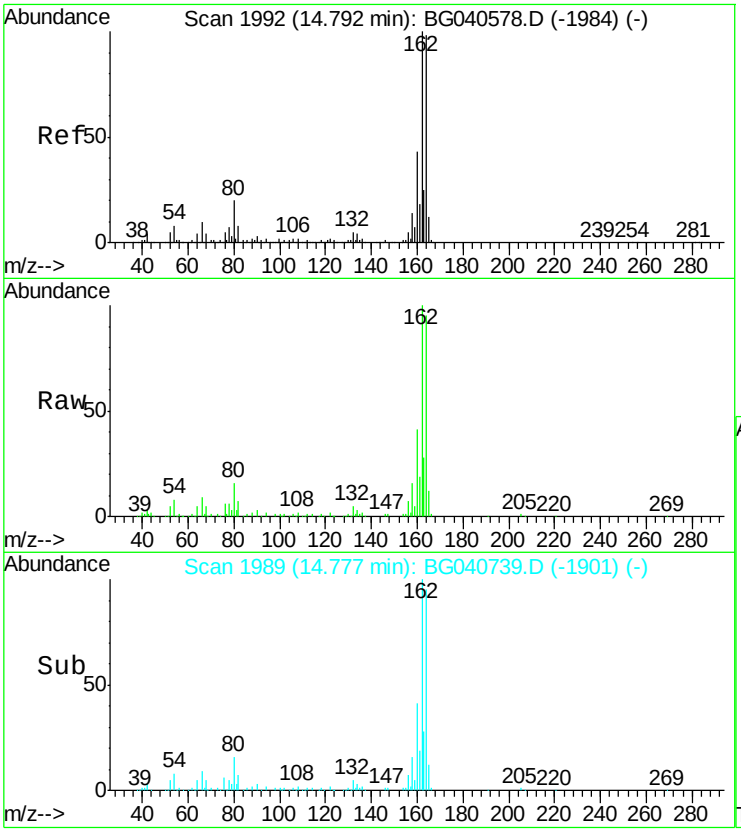


#23
Nitrobenzene-d5
Concen: 128.622 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion: 82 Resp: 436489

Ion	Ratio	Lower	Upper
82	100		
128	38.5	28.9	43.3
54	60.0	47.2	70.8



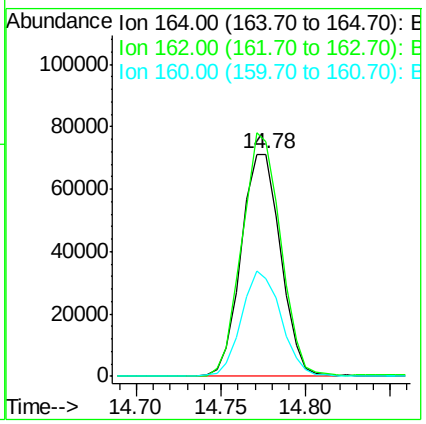


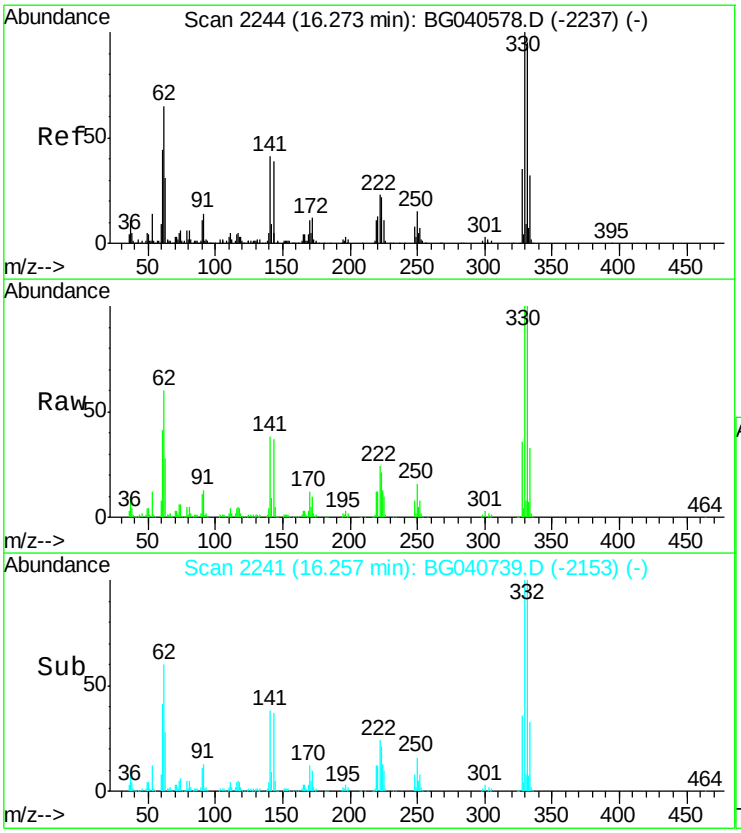
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 116266

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.9	122.9
160	43.9	35.4	53.2

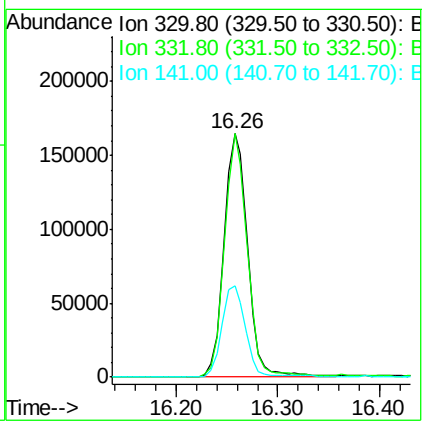


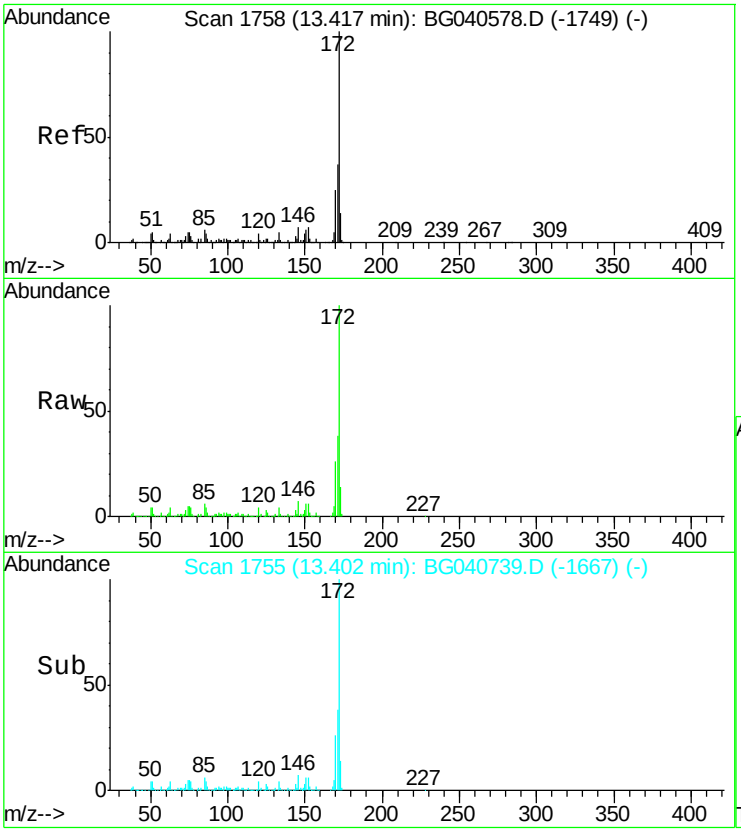


#42
2,4,6-Tribromophenol
Concen: 166.802 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion:330 Resp: 266566

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.9	113.9
141	38.0	32.4	48.6



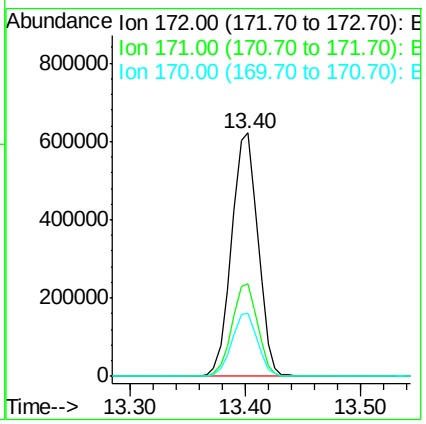


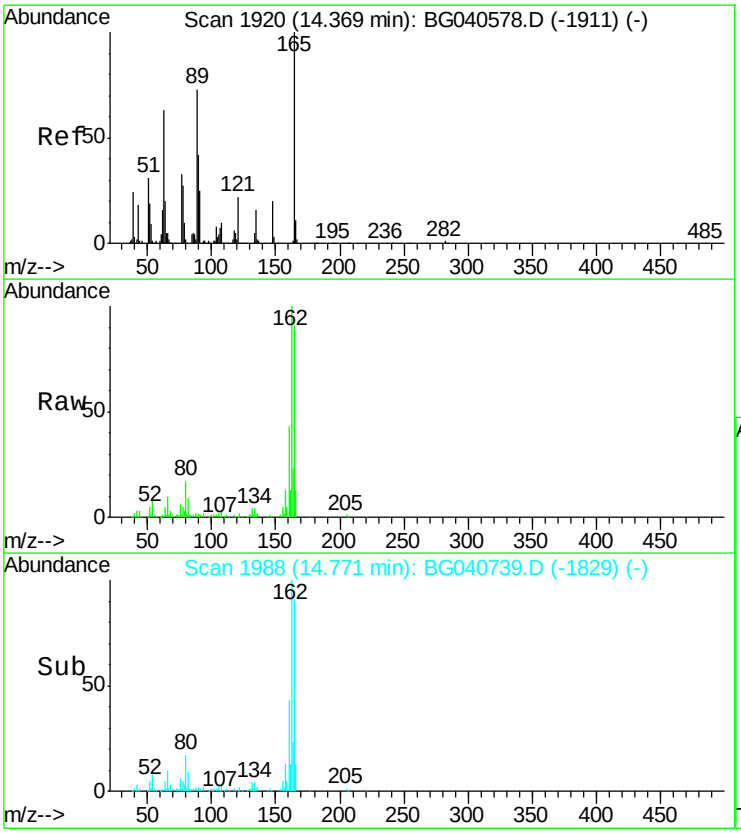
#45
2-Fluorobiphenyl
Concen: 122.447 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:172 Resp: 985768

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	25.8	19.9	29.9

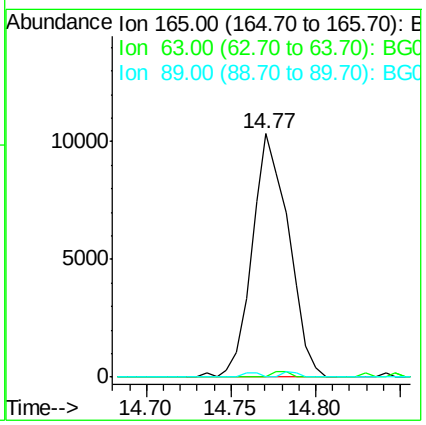


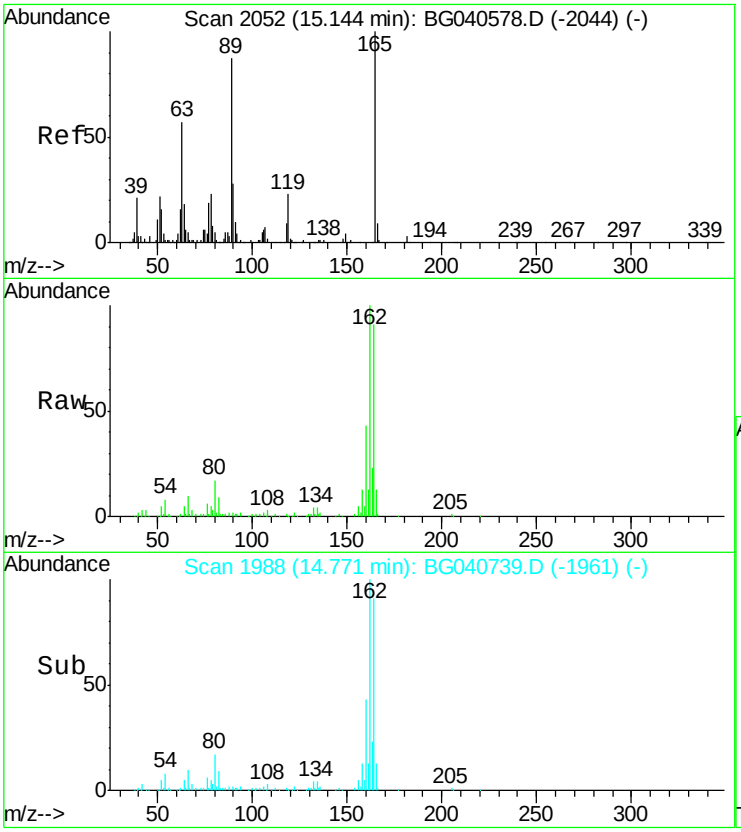


#51
2,6-Dinitrotoluene
Concen: 8.159 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion:165 Resp: 15491

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



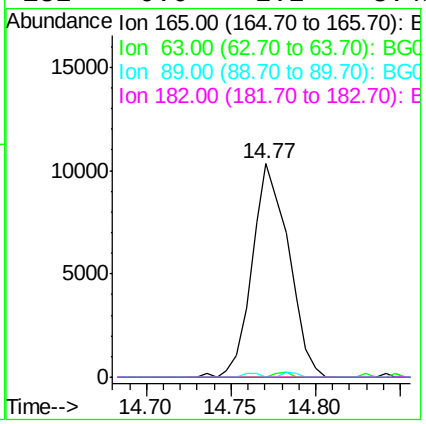


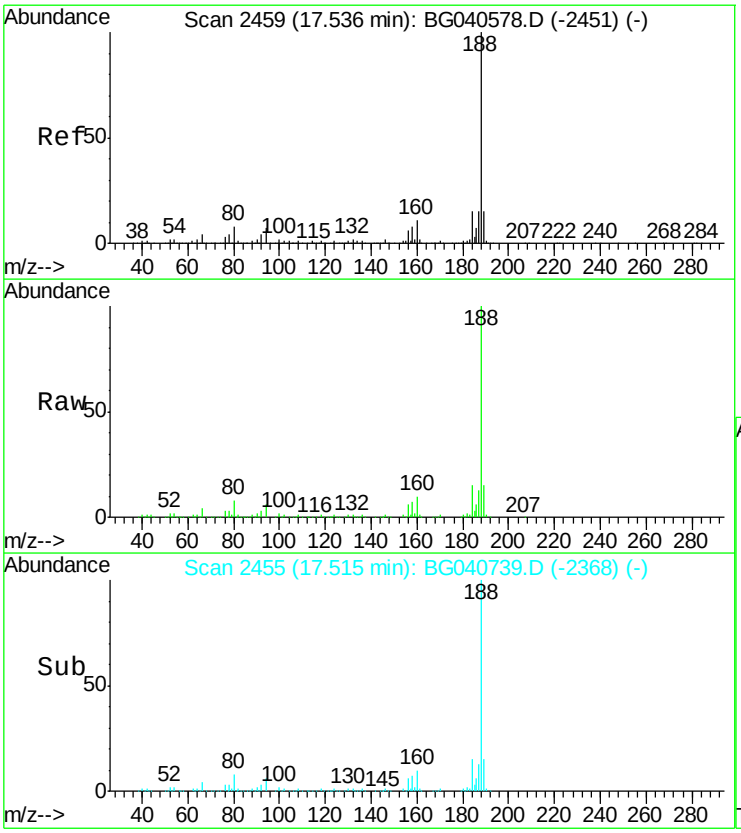
#57
2,4-Dinitrotoluene
Concen: 6.005 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.37 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 15491

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

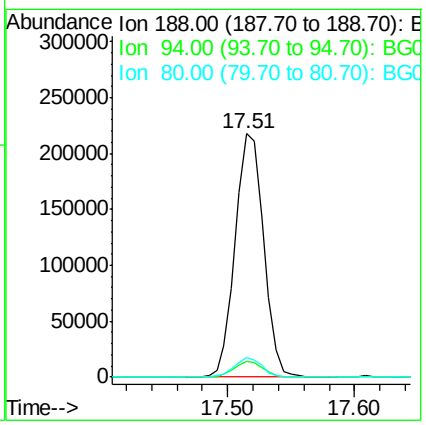


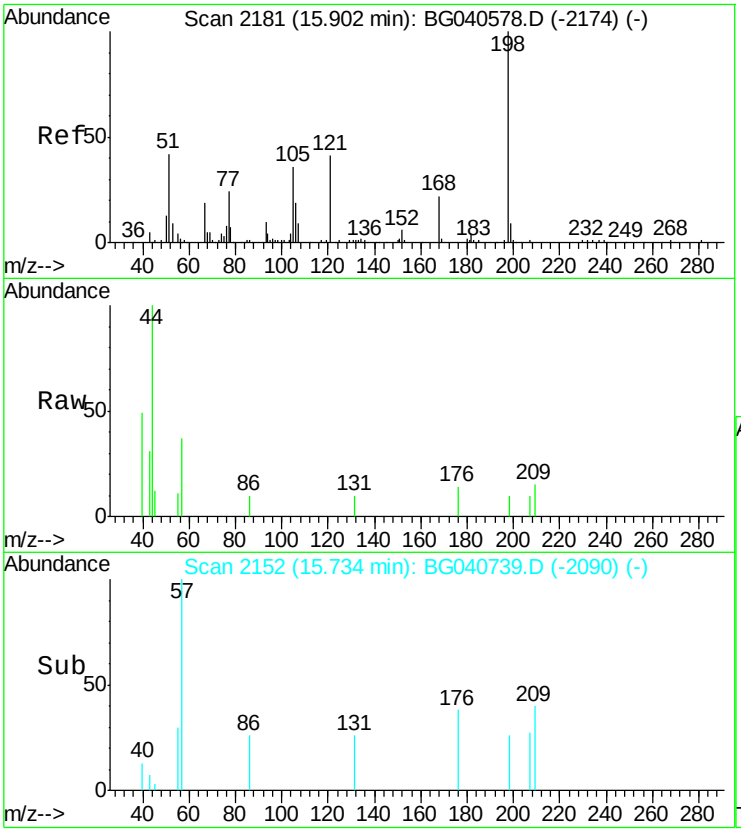


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion:188 Resp: 338164

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	8.3	6.4	9.6



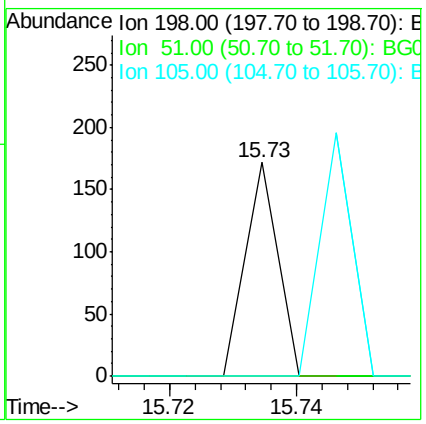


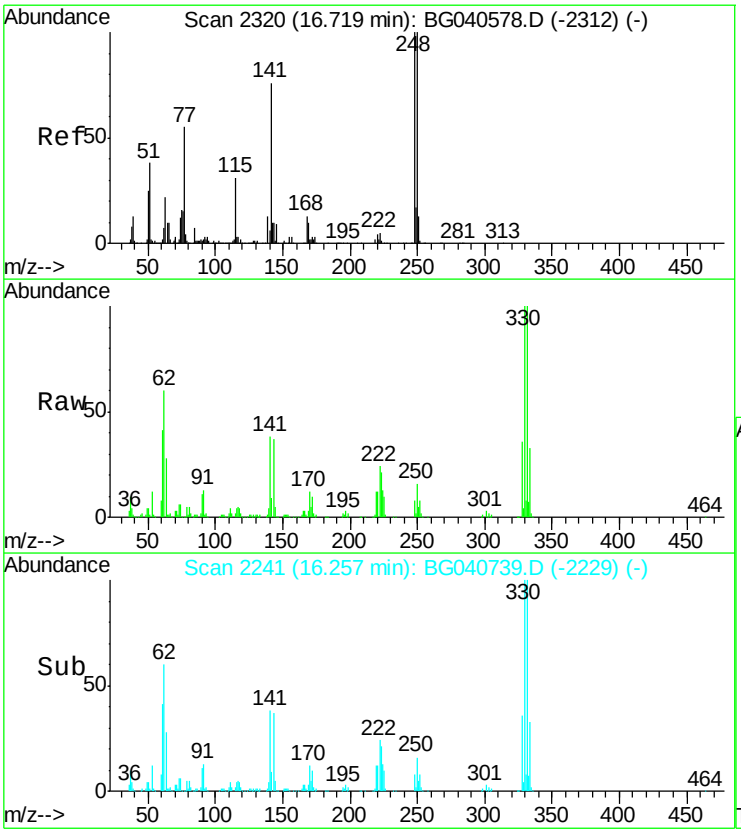
#65
4,6-Dinitro-2-methylphenol
Concen: 7.132 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.17 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:198 Resp: 61

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

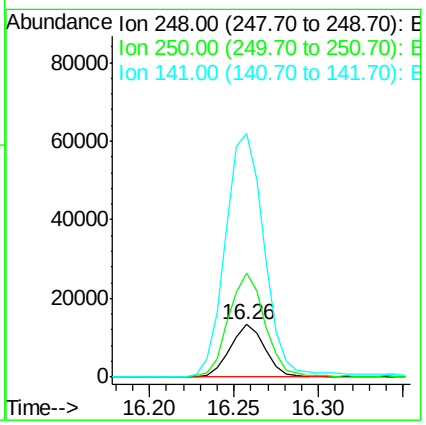


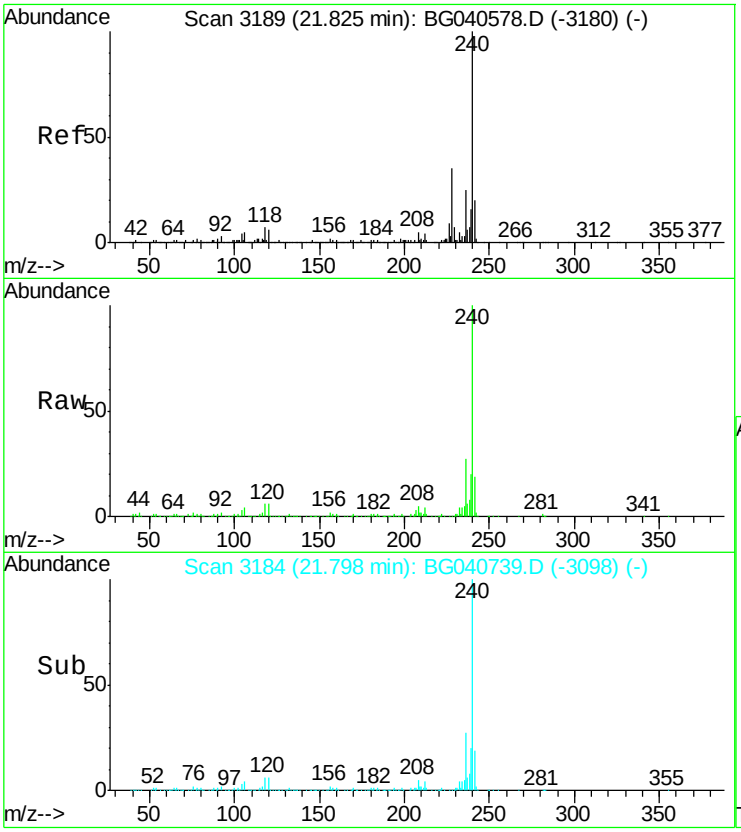


#67
4-Bromophenyl-phenylether
Concen: 4.535 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion:248 Resp: 19106

Ion	Ratio	Lower	Upper
248	100		
250	197.6	79.8	119.6#
141	464.9	60.8	91.2#



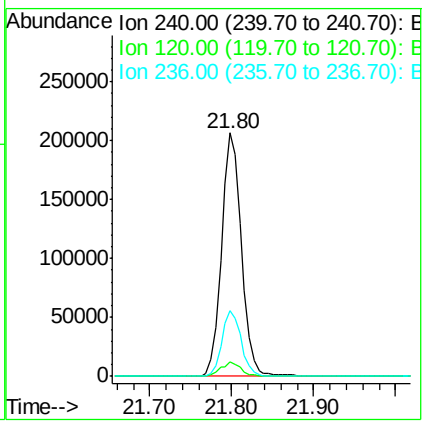


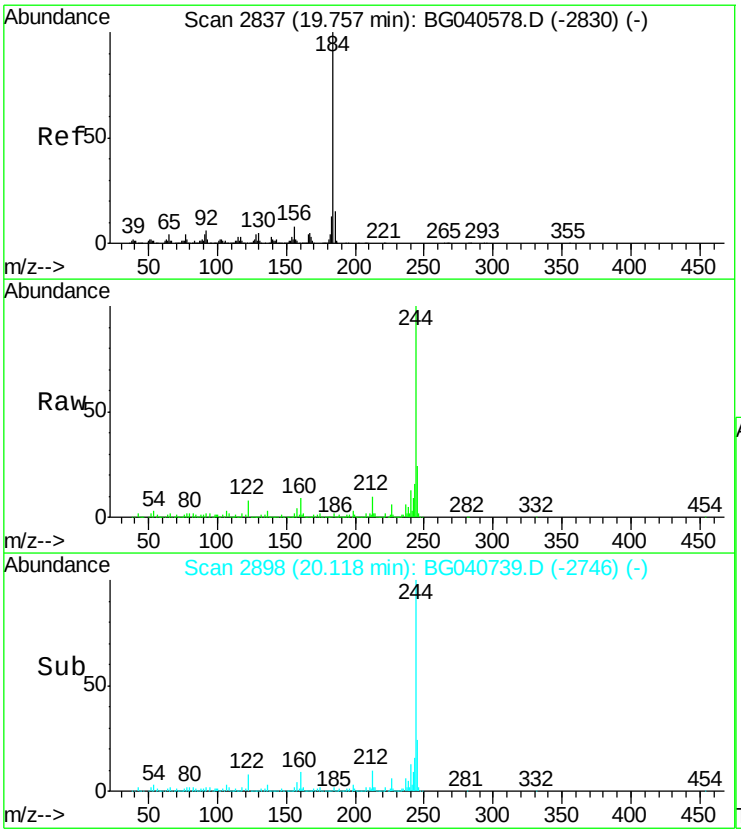
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 347817

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.0	7.6
236	26.7	20.3	30.5

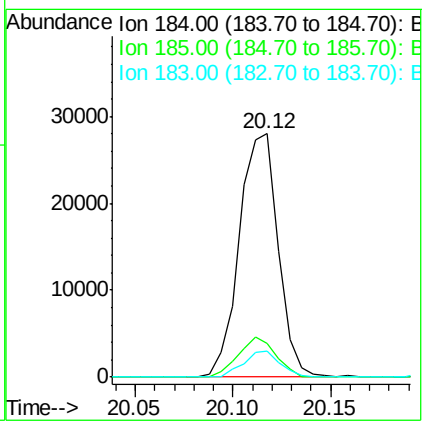


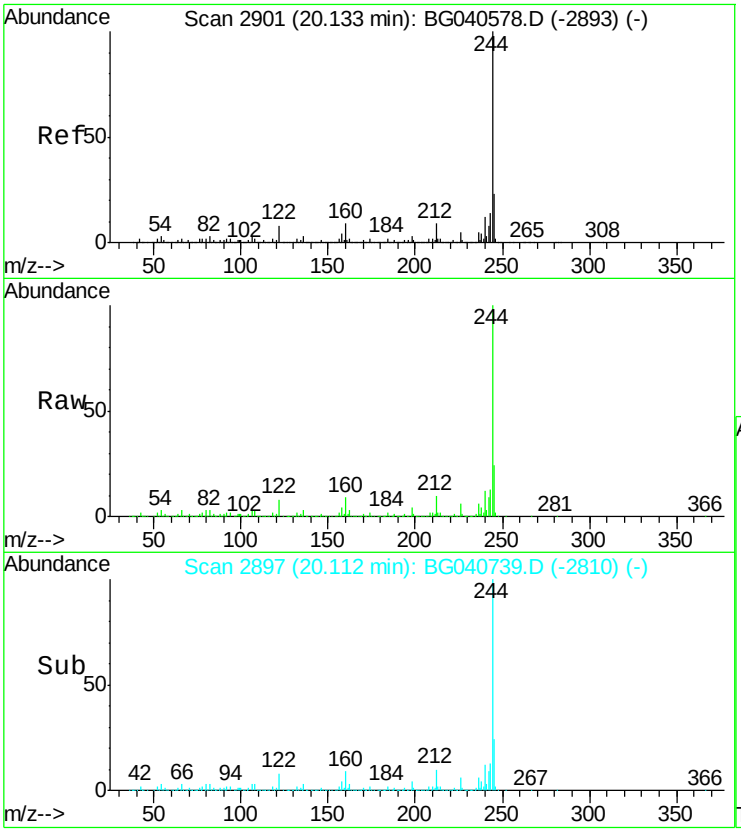


#77
Benzidine
Concen: 4.039 ng
RT: 20.12 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion:184 Resp: 38463

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.8
183	10.5	10.2	15.2



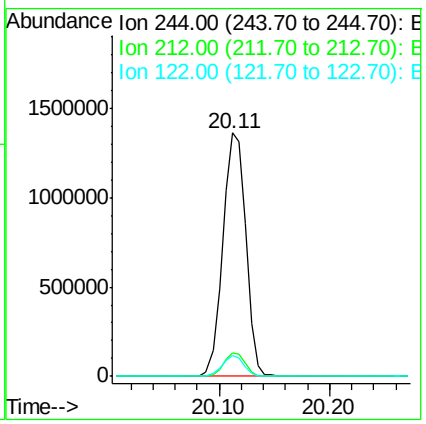


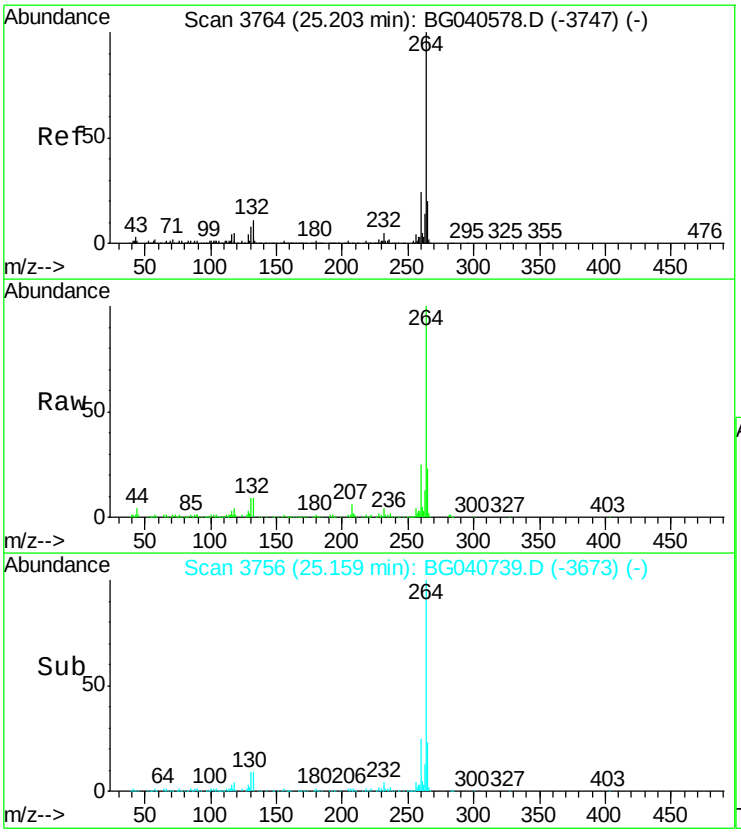
#79
Terphenyl-d14
Concen: 126.438 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040739.D
Acq: 4 May 2019 00:11

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1985056

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.2	10.8
122	8.3	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: BG040739.D
Acq: 4 May 2019 00:11

Tgt Ion:264 Resp: 347236

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	23.3	16.6	25.0