Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040741.D
Acq On : 4 May 2019 1:26
Operator : JU/SJ
Sample : K2674-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FILTERBAG-RO

Quant Time: May 05 23:11:21 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	36271	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	145078	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	111754	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	321385	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	329933	20.00	ng	-0.02
87) Perylene-d12	25.16	264	327752	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	363530	176.68	ng	0.00
7) Phenol-d6	7.28	99	497787	157.12	ng	-0.01
23) Nitrobenzene-d5	9.32	82	419417	133.58	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	237301	154.48	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	926855	119.78	ng	-0.02
79) Terphenyl-d14	20.11	244	1902179	127.73	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1604	Below Cal	#	6
15) Benzyl Alcohol	8.48	79	6803	2.064	ng	# 57
19) n-Nitroso-di-n-propylamine	9.32	70	59616	20.904	ng	# 70
51) 2,6-Dinitrotoluene	14.78	165	14184	7.773	ng	# 15
54) 2,4-Dinitrophenol	14.65	184	60	7.068	ng	# 21
57) 2,4-Dinitrotoluene	14.78	165	14184	5.720	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.67	198	57	7.132	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	18238	4.555	ng	# 1
77) Benzidine	20.11	184	36086	3.995	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040741.D
Acq On : 4 May 2019 1:26
Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : FILTERBAG-RO

Quant Time: May 05 23:11:21 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
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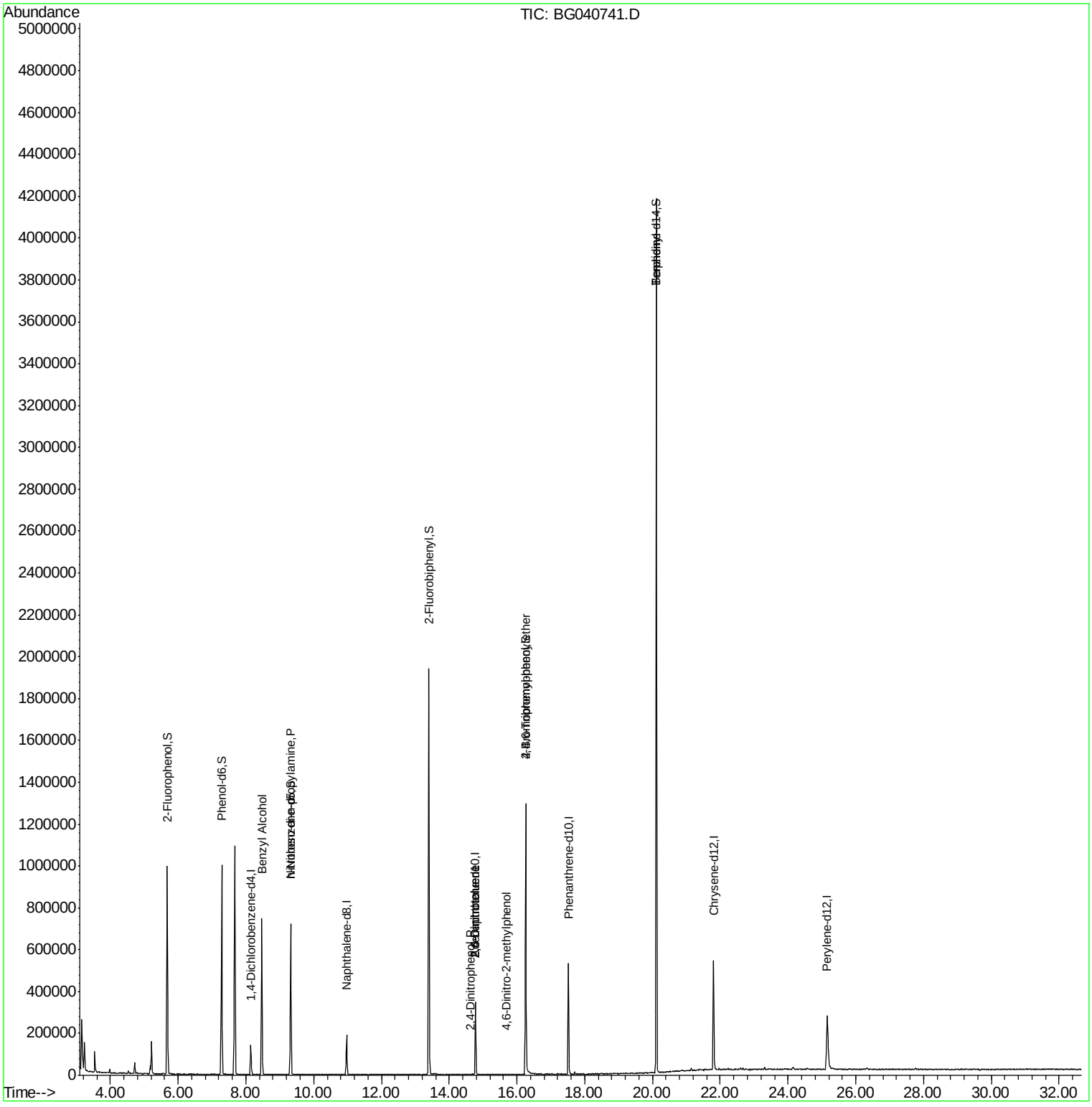
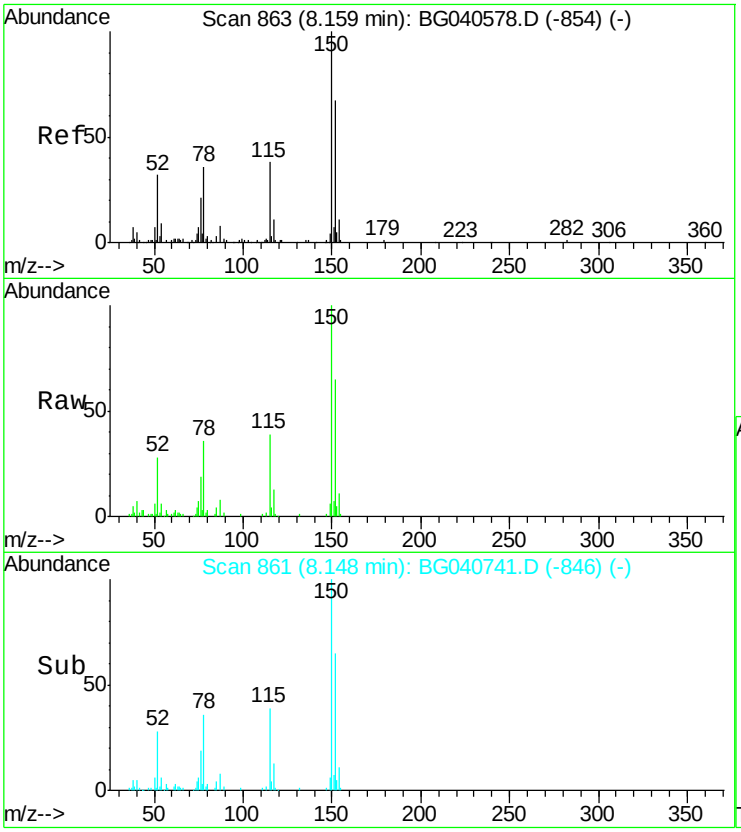


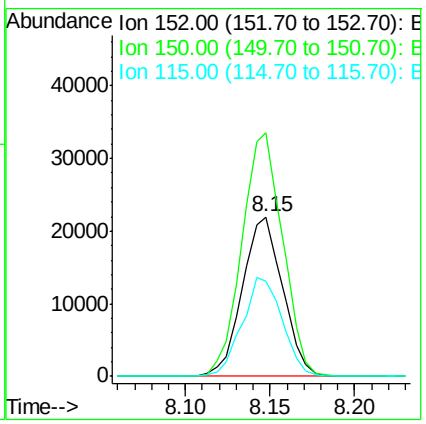


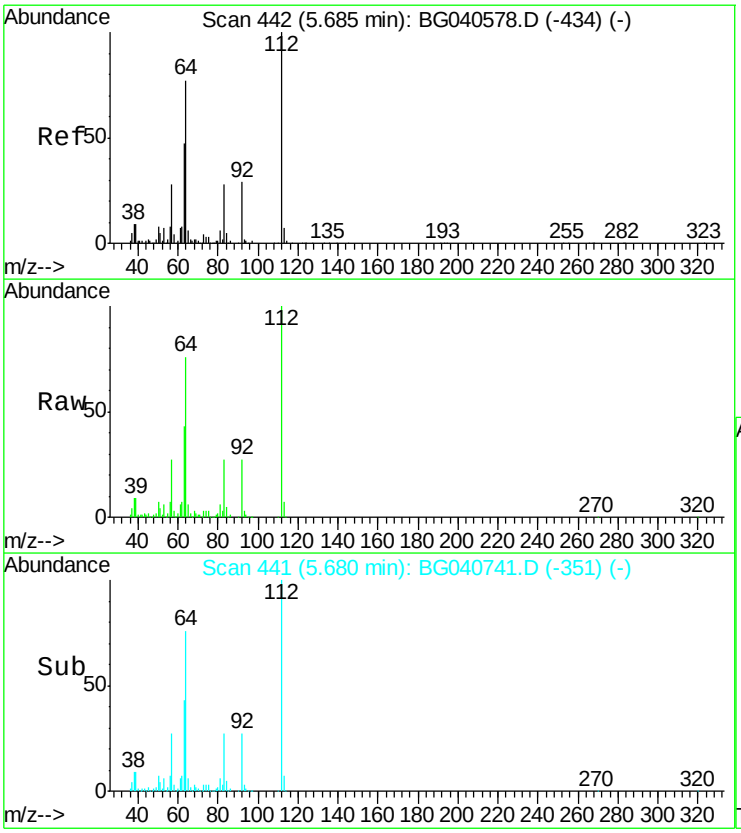
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion:152 Resp: 36271

Ion	Ratio	Lower	Upper
152	100		
150	152.7	120.2	180.2
115	59.7	46.2	69.2

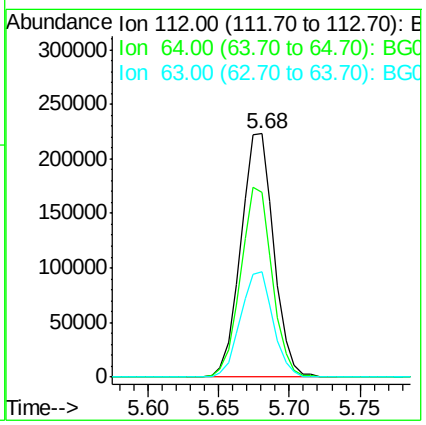


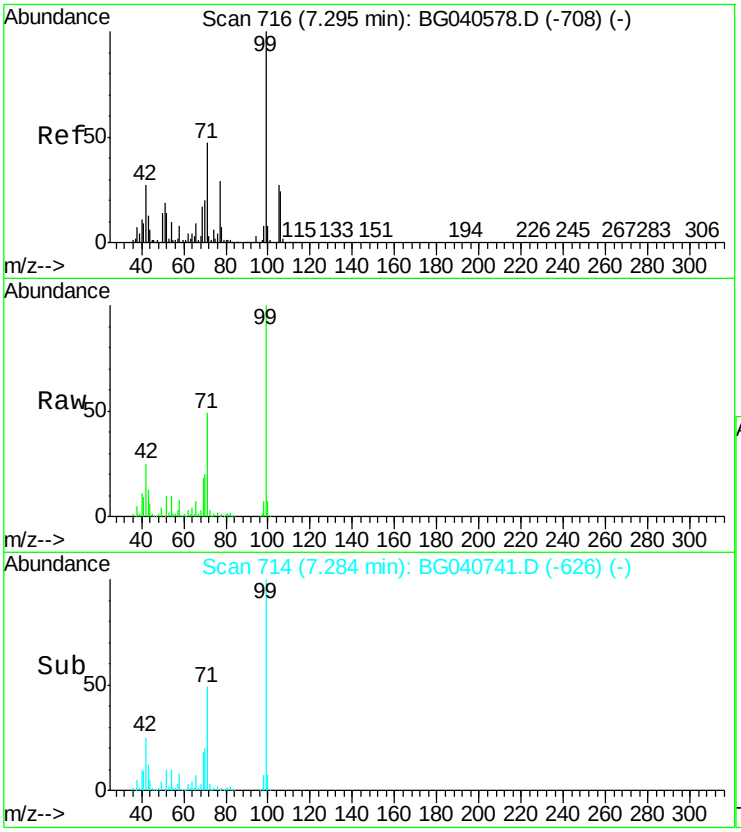


#5
2-Fluorophenol
Concen: 176.675 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:112 Resp: 363530

Ion	Ratio	Lower	Upper
112	100		
64	76.0	61.4	92.0
63	43.3	37.8	56.6



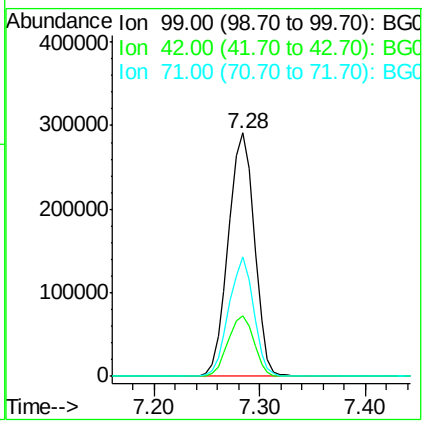


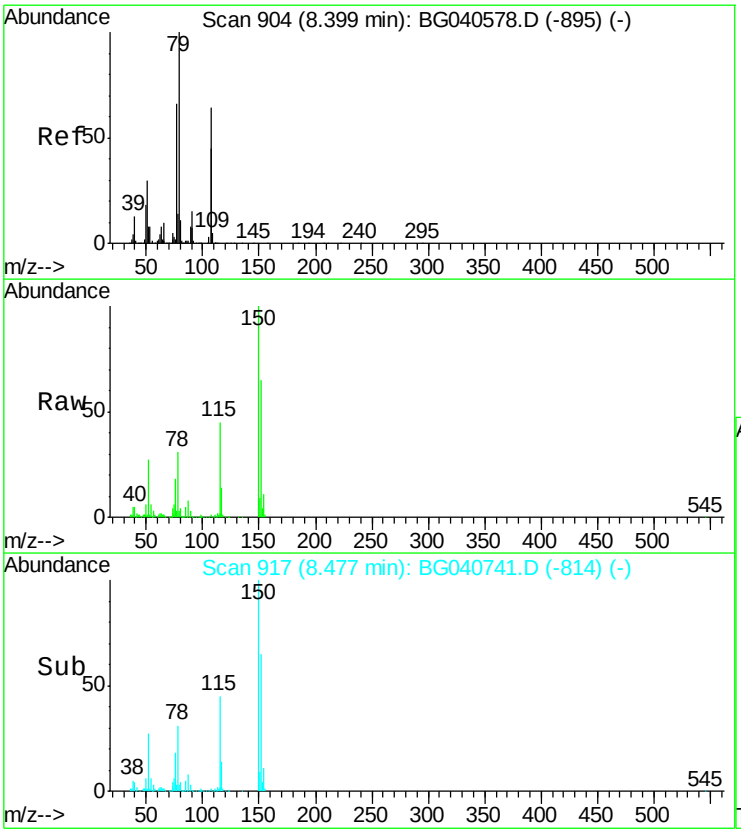
#7
Phenol-d6
Concen: 157.122 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion: 99 Resp: 497787

Ion	Ratio	Lower	Upper
99	100		
42	25.0	21.8	32.8
71	48.9	38.6	57.8

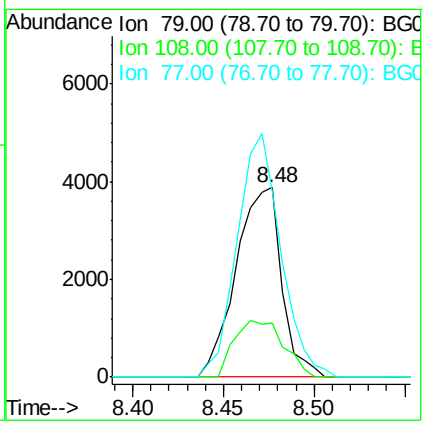


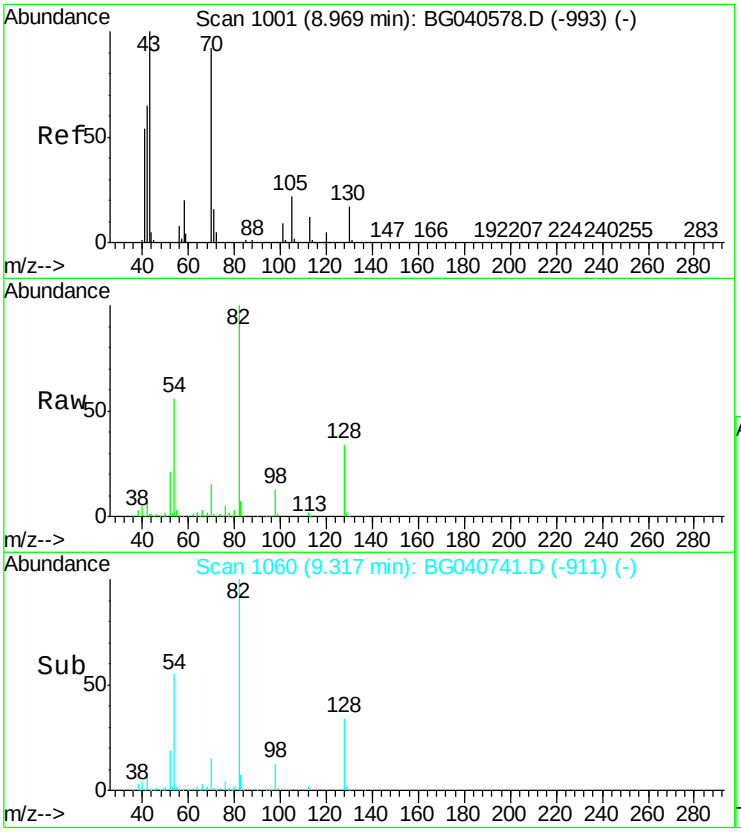


#15
Benzyl Alcohol
Concen: 2.064 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.08 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion: 79 Resp: 6803

Ion	Ratio	Lower	Upper
79	100		
108	28.9	51.4	77.0#
77	98.6	52.6	79.0#



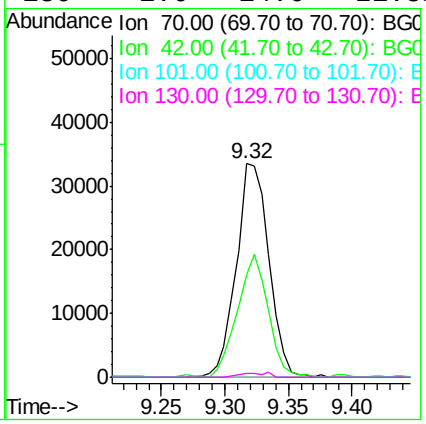


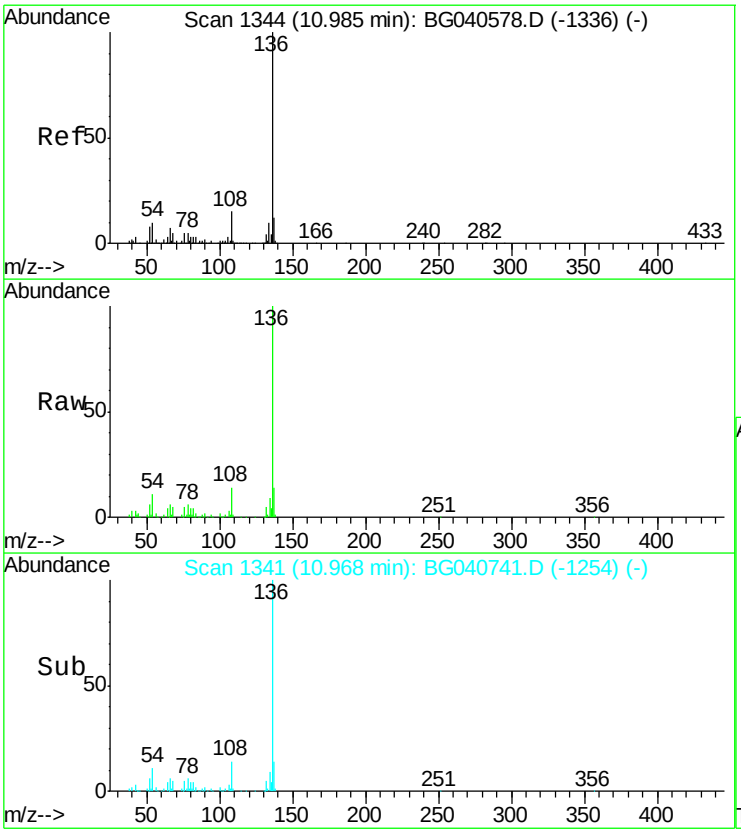
#19
n-Nitroso-di-n-propylamine
Concen: 20.904 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion: 70 Resp: 59616

Ion	Ratio	Lower	Upper
70	100		
42	48.1	57.1	85.7#
101	0.0	7.8	11.8#
130	1.6	14.6	21.8#

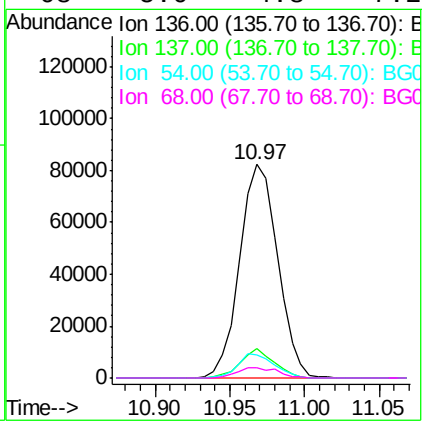


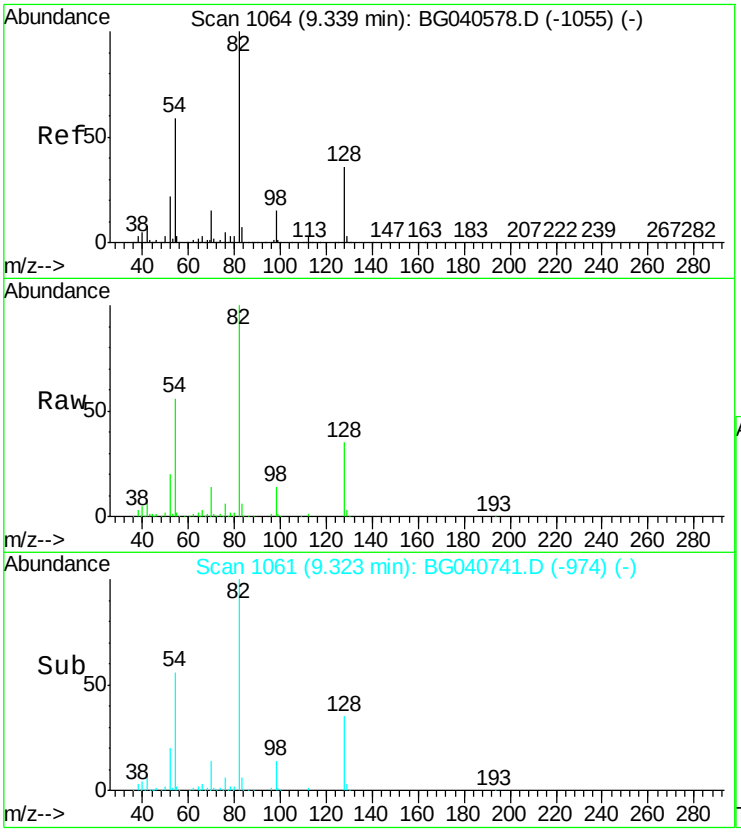


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:136 Resp: 145078

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.7	14.5
54	10.7	8.6	12.8
68	5.0	4.8	7.2



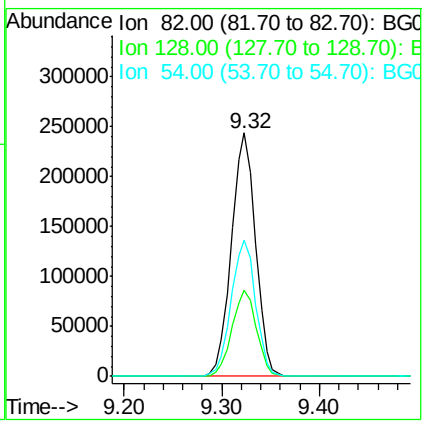


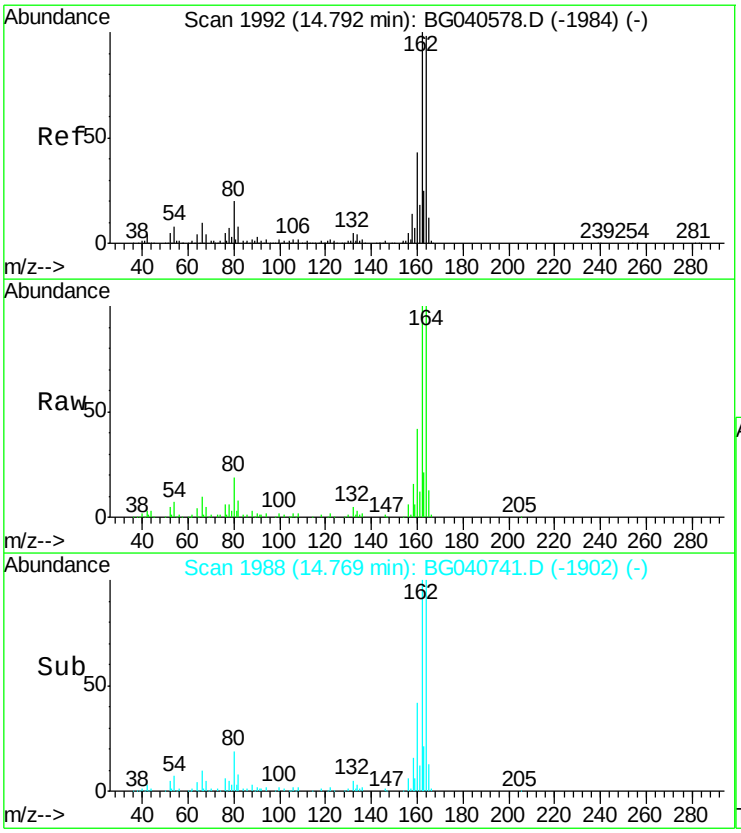
#23
Nitrobenzene-d5
Concen: 133.581 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion: 82 Resp: 419417

Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.9	43.3
54	56.0	47.2	70.8

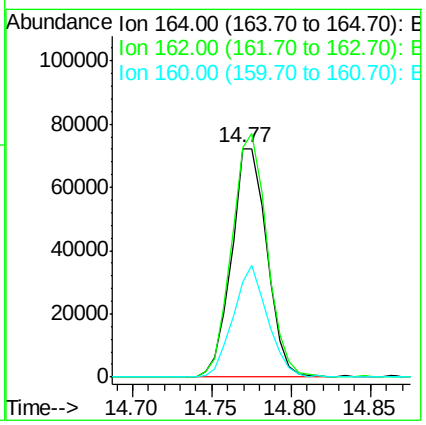


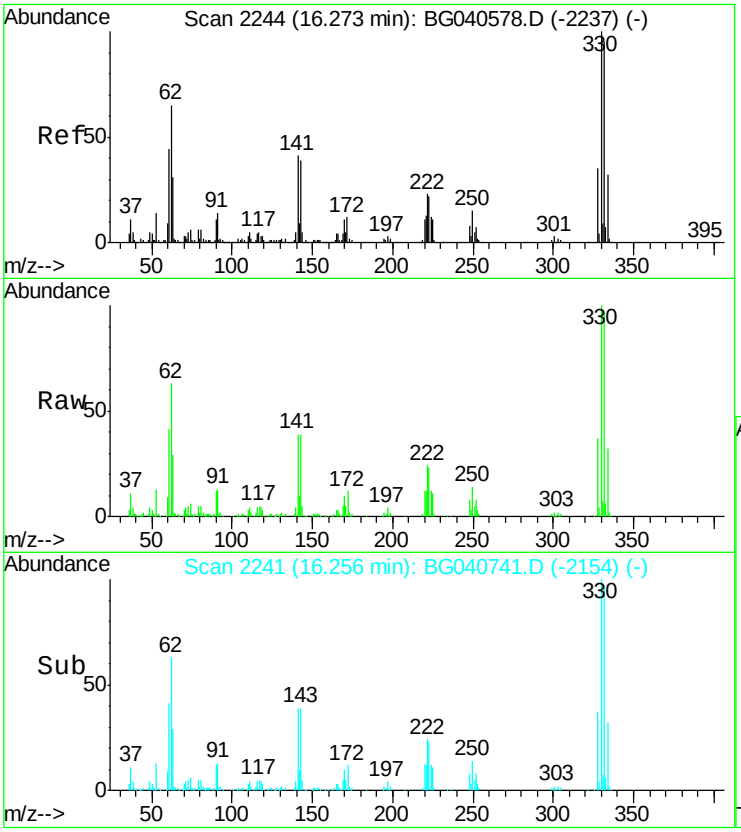


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:164 Resp: 111754

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.9	122.9
160	41.9	35.4	53.2



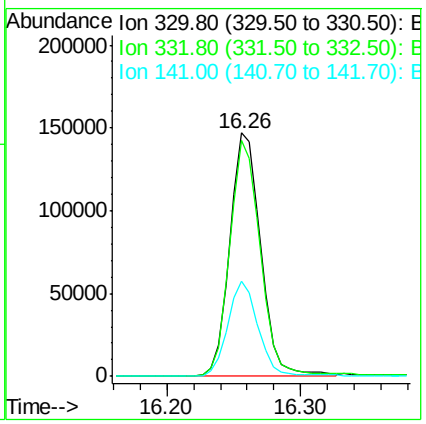


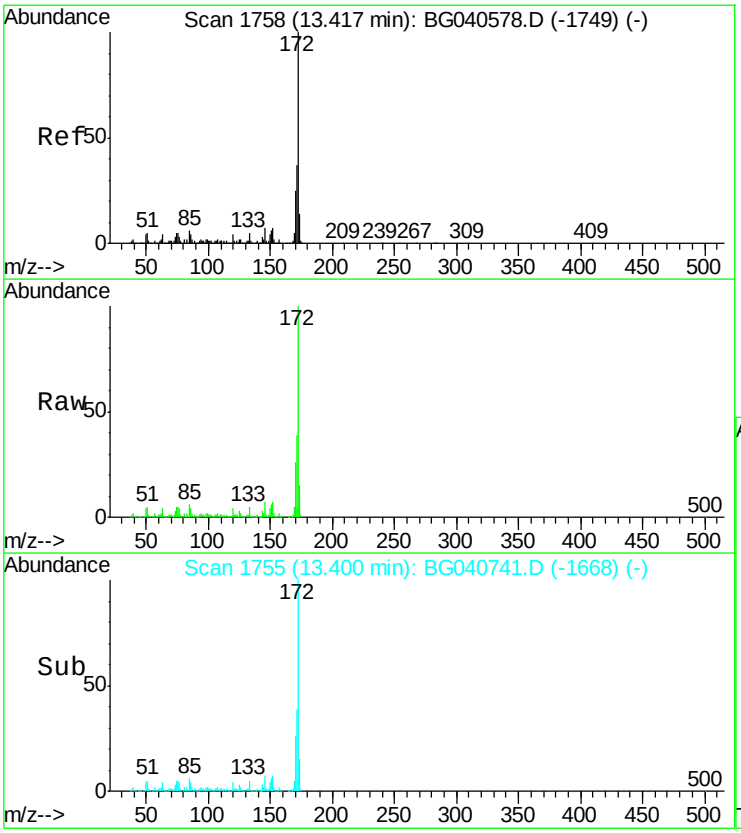
#42
2,4,6-Tribromophenol
Concen: 154.484 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion:330 Resp: 237301

Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.9	113.9
141	39.1	32.4	48.6

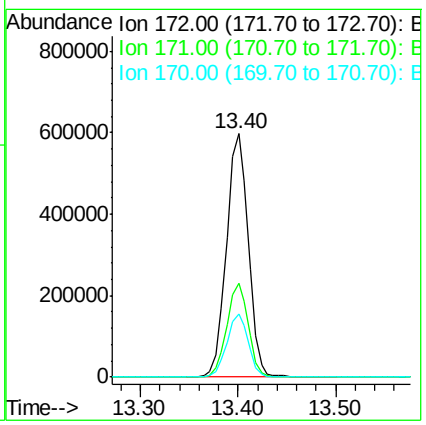


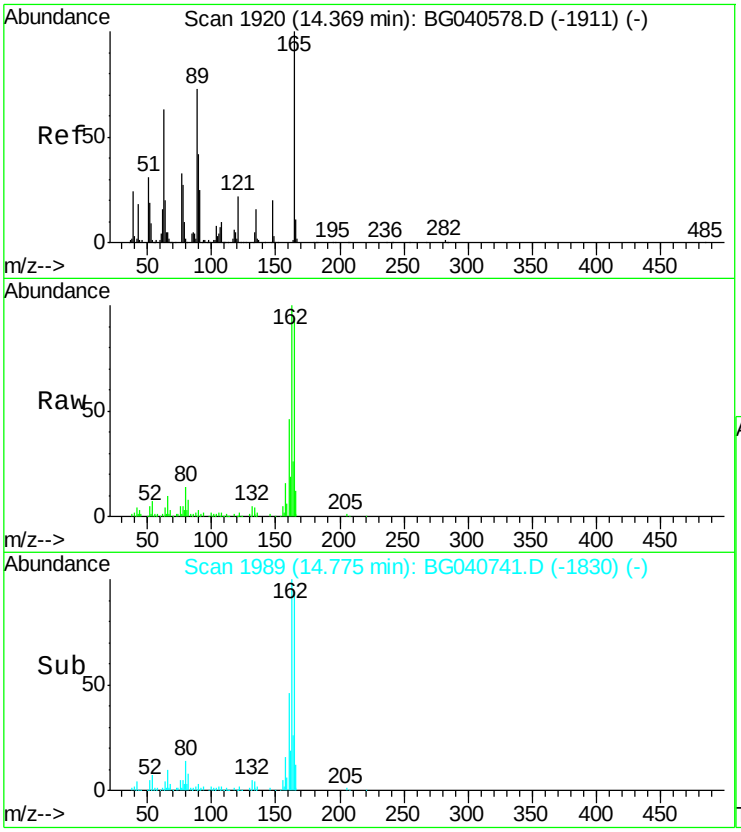


#45
2-Fluorobiphenyl
Concen: 119.778 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:172 Resp: 926855

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.4	44.2
170	25.9	19.9	29.9



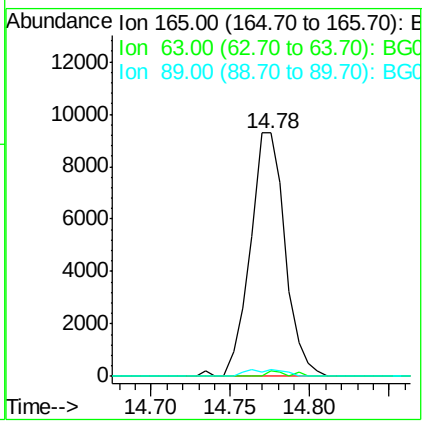


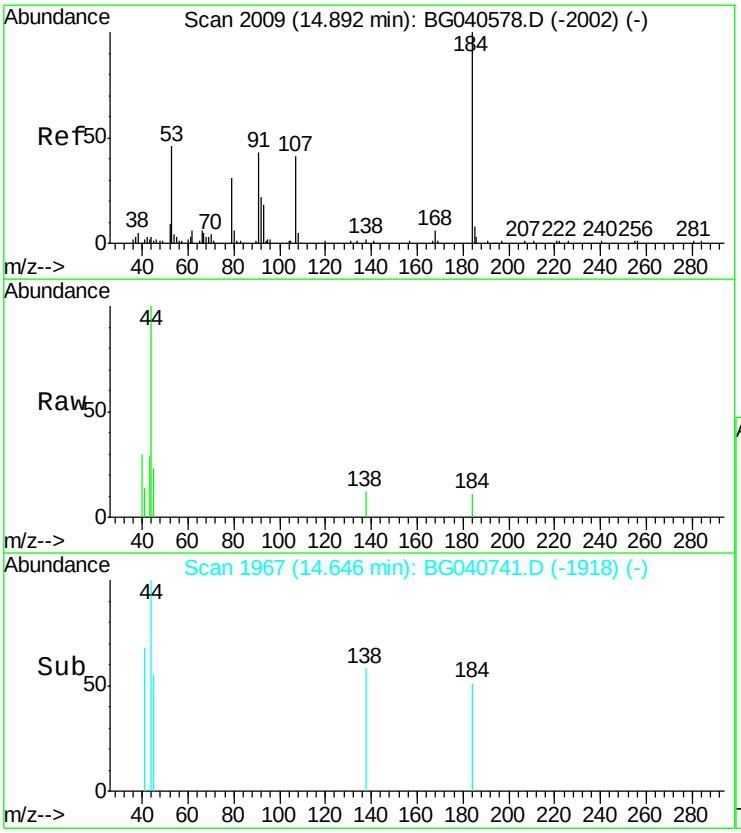
#51
2,6-Dinitrotoluene
Concen: 7.773 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.41 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion:165 Resp: 14184

Ion	Ratio	Lower	Upper
165	100		
63	2.2	61.0	91.4#
89	2.6	58.6	87.8#

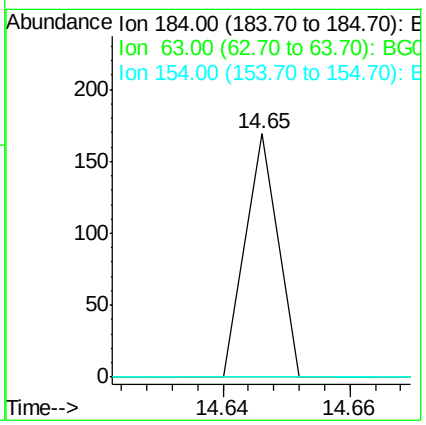


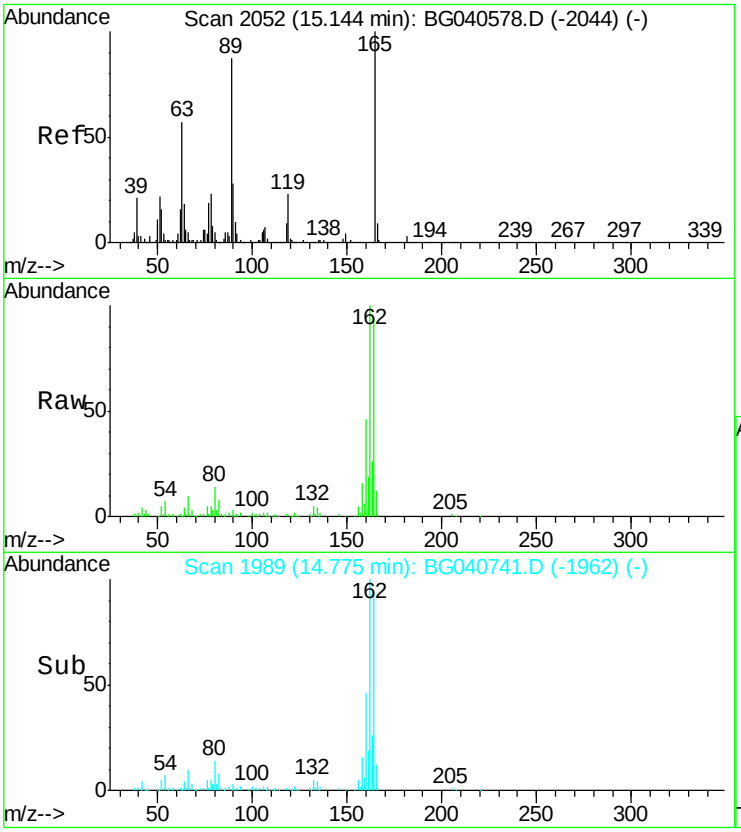


#54
2,4-Dinitrophenol
Concen: 7.068 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.24 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:184 Resp: 60

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



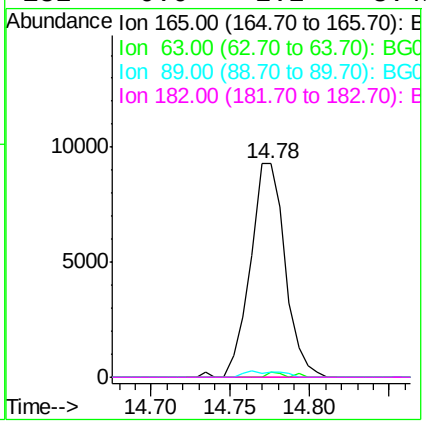


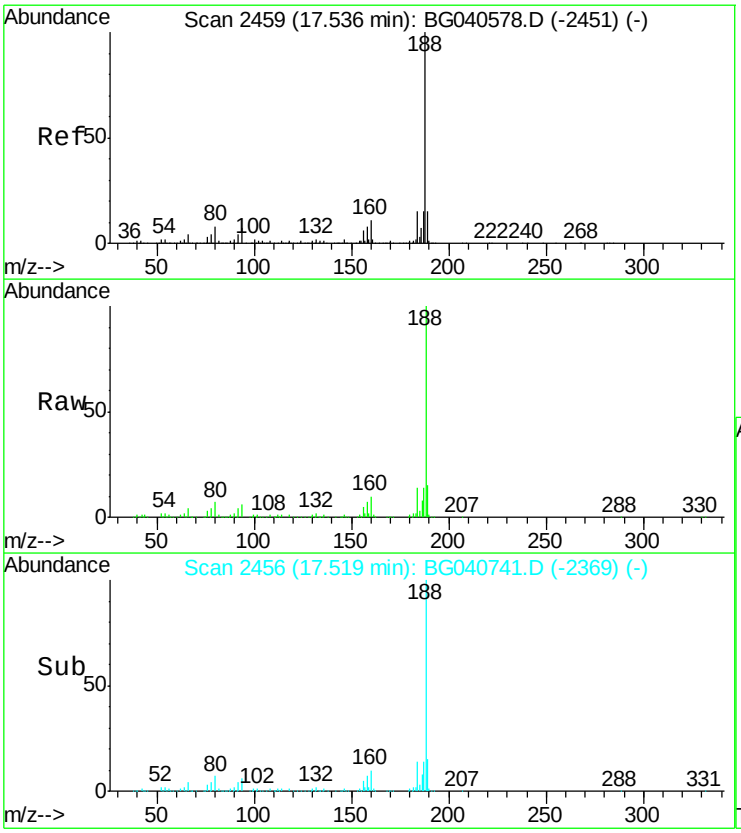
#57
2,4-Dinitrotoluene
Concen: 5.720 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion:165 Resp: 14184

Ion	Ratio	Lower	Upper
165	100		
63	2.2	45.8	68.8#
89	2.6	69.4	104.2#
182	0.0	2.2	3.4#

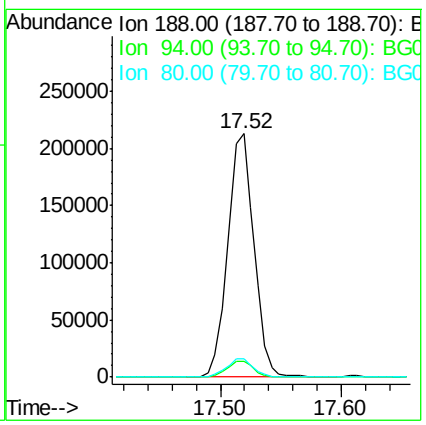


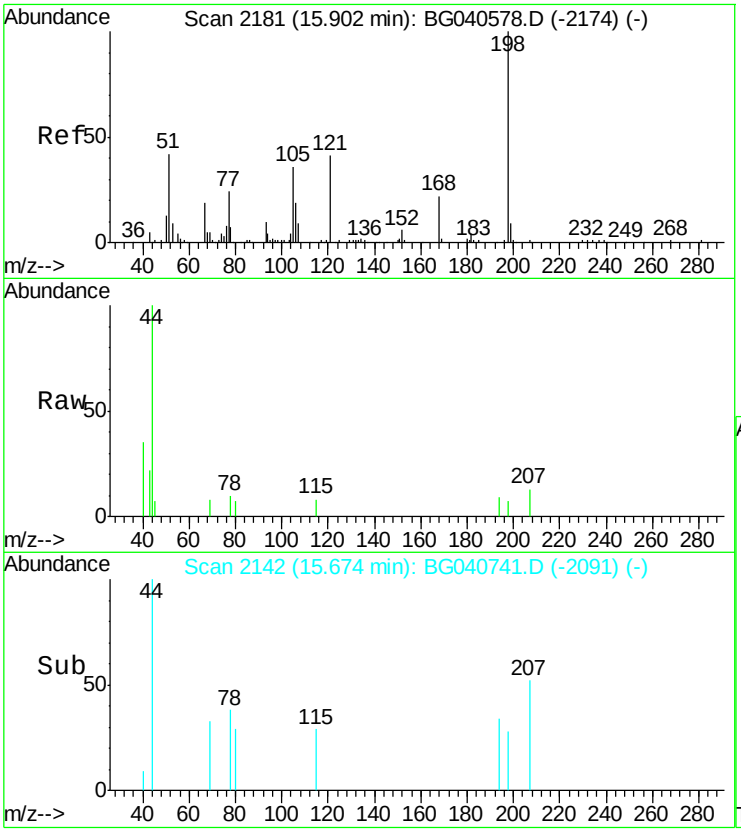


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:188 Resp: 321385

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.6	8.4
80	7.4	6.4	9.6



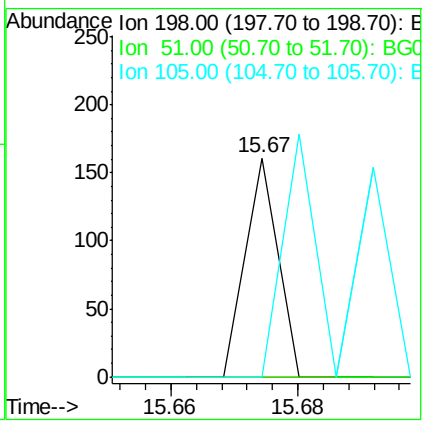


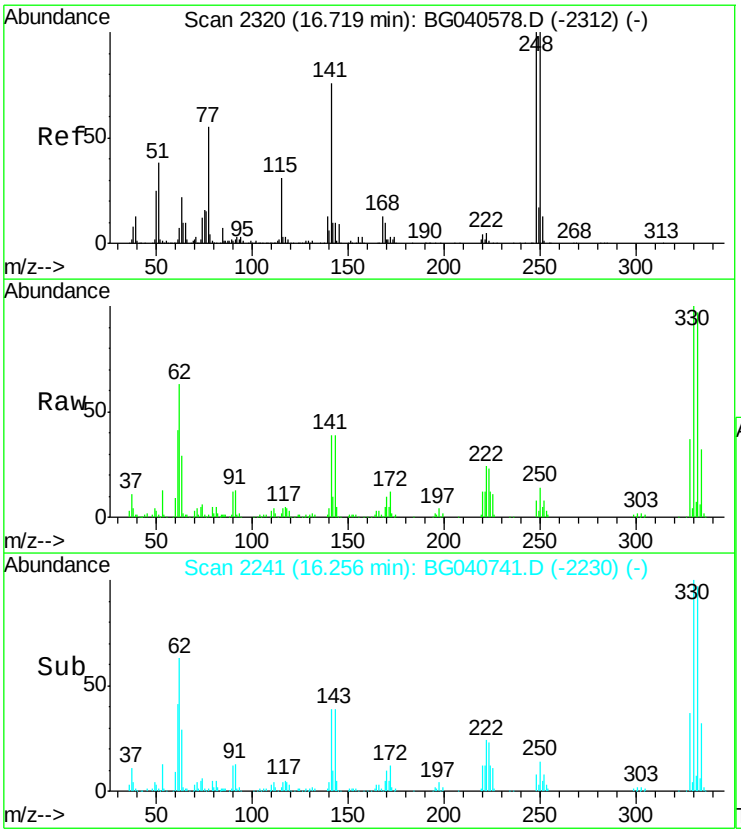
#65
4,6-Dinitro-2-methylphenol
Concen: 7.132 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.23 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion:198 Resp: 57

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

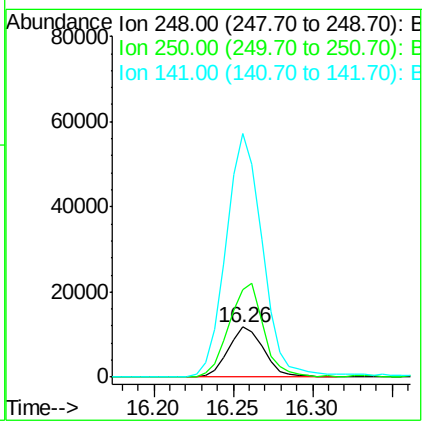


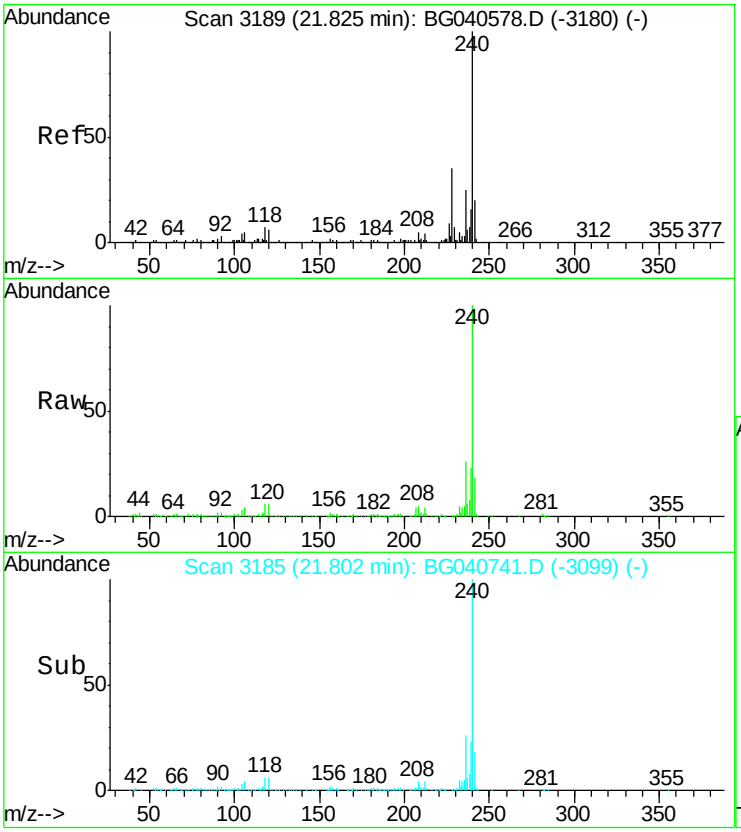


#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:248 Resp: 18238

Ion	Ratio	Lower	Upper
248	100		
250	174.7	79.8	119.6#
141	485.5	60.8	91.2#



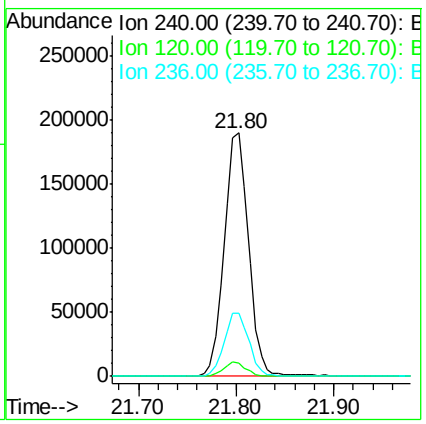


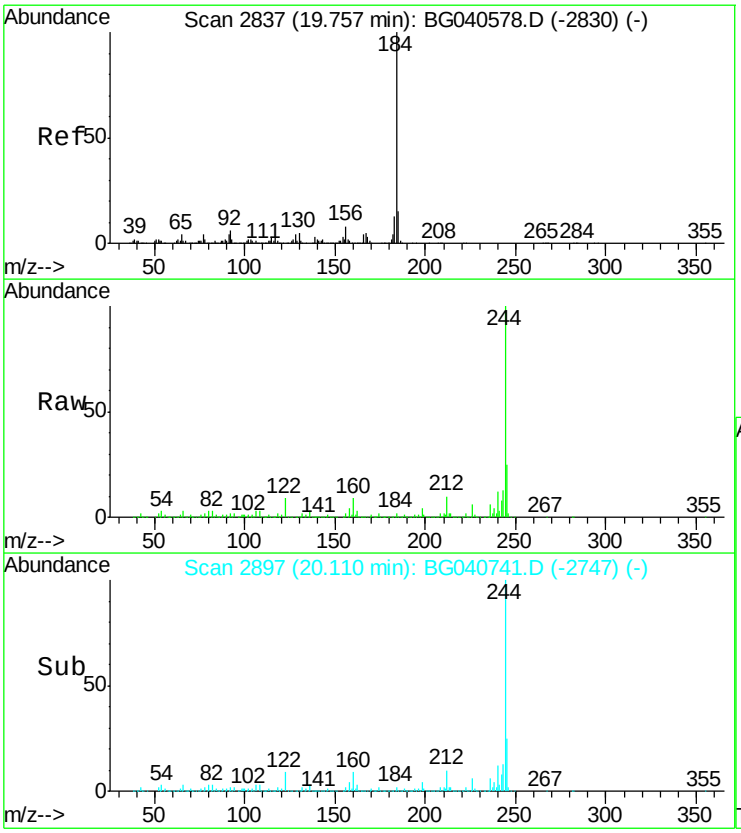
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion:240 Resp: 329933

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.0	7.6
236	25.7	20.3	30.5

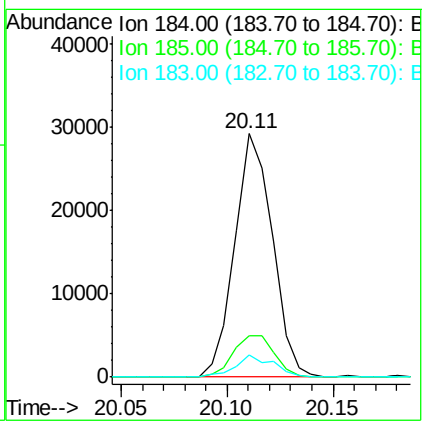


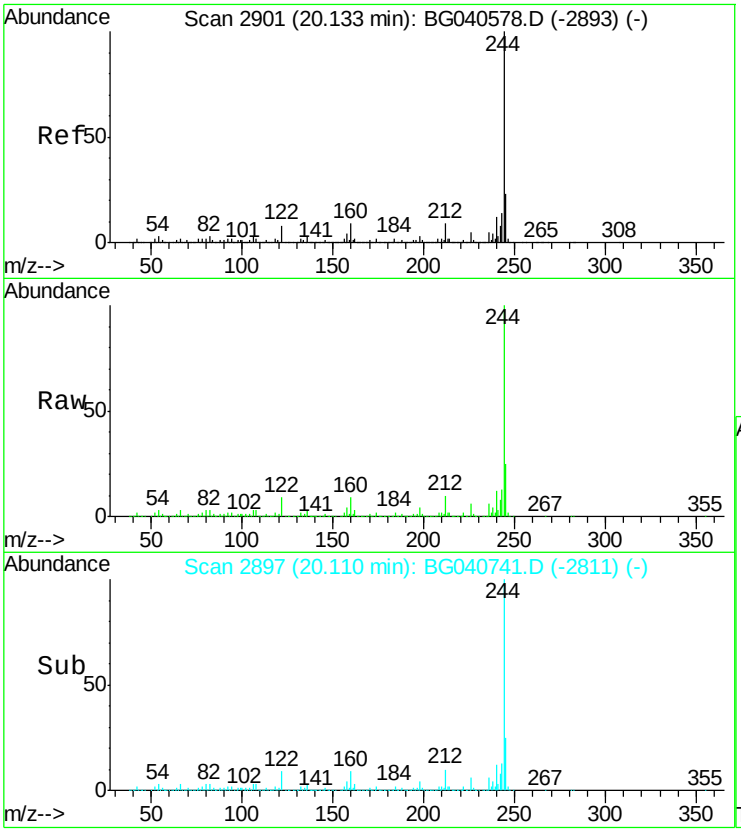


#77
Benzidine
Concen: 3.995 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:184 Resp: 36086

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.8	17.8
183	8.9	10.2	15.2#



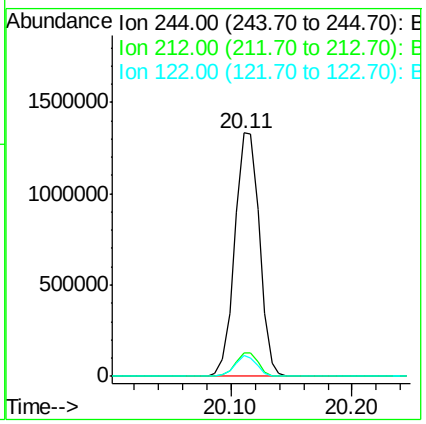


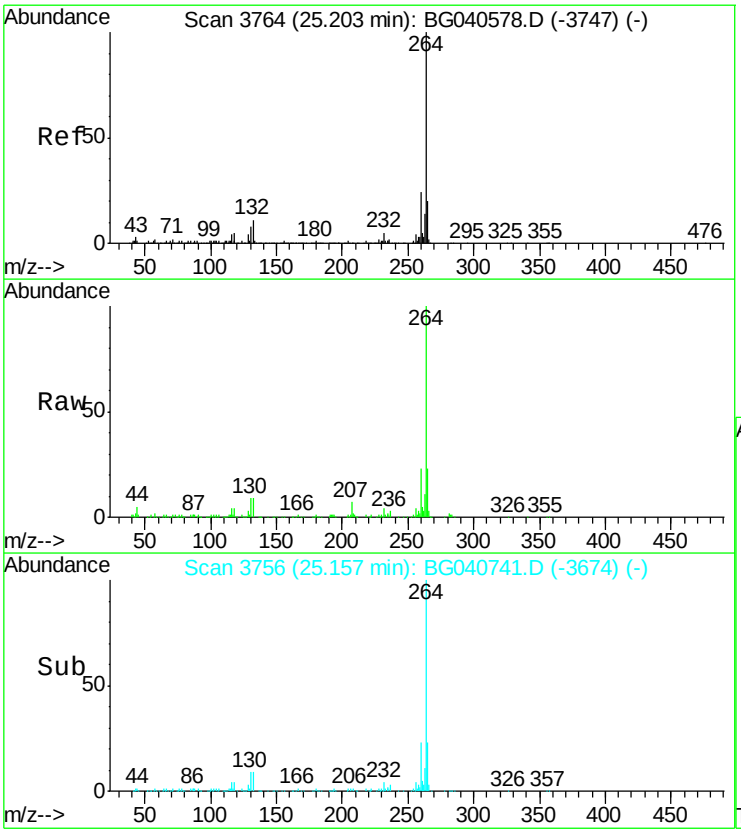
#79
Terphenyl-d14
Concen: 127.727 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Instrument :
BNA_G
ClientSampleId :
FILTERBAG-RO

Tgt Ion:244 Resp: 1902179

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	8.8	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040741.D
Acq: 4 May 2019 1:26

Tgt Ion:264 Resp: 327752

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.9	16.6	25.0