Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040611.D
Acq On : 25 Apr 2019 15:29
Operator : JU/SJ
Sample : K2542-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 22:54:48 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	8.16	152	43397	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	180017	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	131919	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	358509	20.00	ng	0.00
76) Chrysene-d12	21.82	240	403689	20.00	ng	0.00
87) Perylene-d12	25.19	264	426522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	320813	130.31	ng	0.00
7) Phenol-d6	7.29	99	428236	112.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	378430	97.13	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	253058	139.56	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	782620	85.68	ng	0.00
79) Terphenyl-d14	20.13	244	1737423	95.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1505	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.33	70	57825	16.947	ng	# 80
51) 2,6-Dinitrotoluene	14.78	165	17243	8.005	ng	# 15
54) 2,4-Dinitrophenol	15.30	184	63	7.062	ng	# 21
57) 2,4-Dinitrotoluene	14.78	165	17243	5.891	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.26	198	712	7.445	ng	84
67) 4-Bromophenyl-phenylether	16.27	248	20082	4.496	ng	# 1
77) Benzidine	20.13	184	36311	3.285	ng	# 93

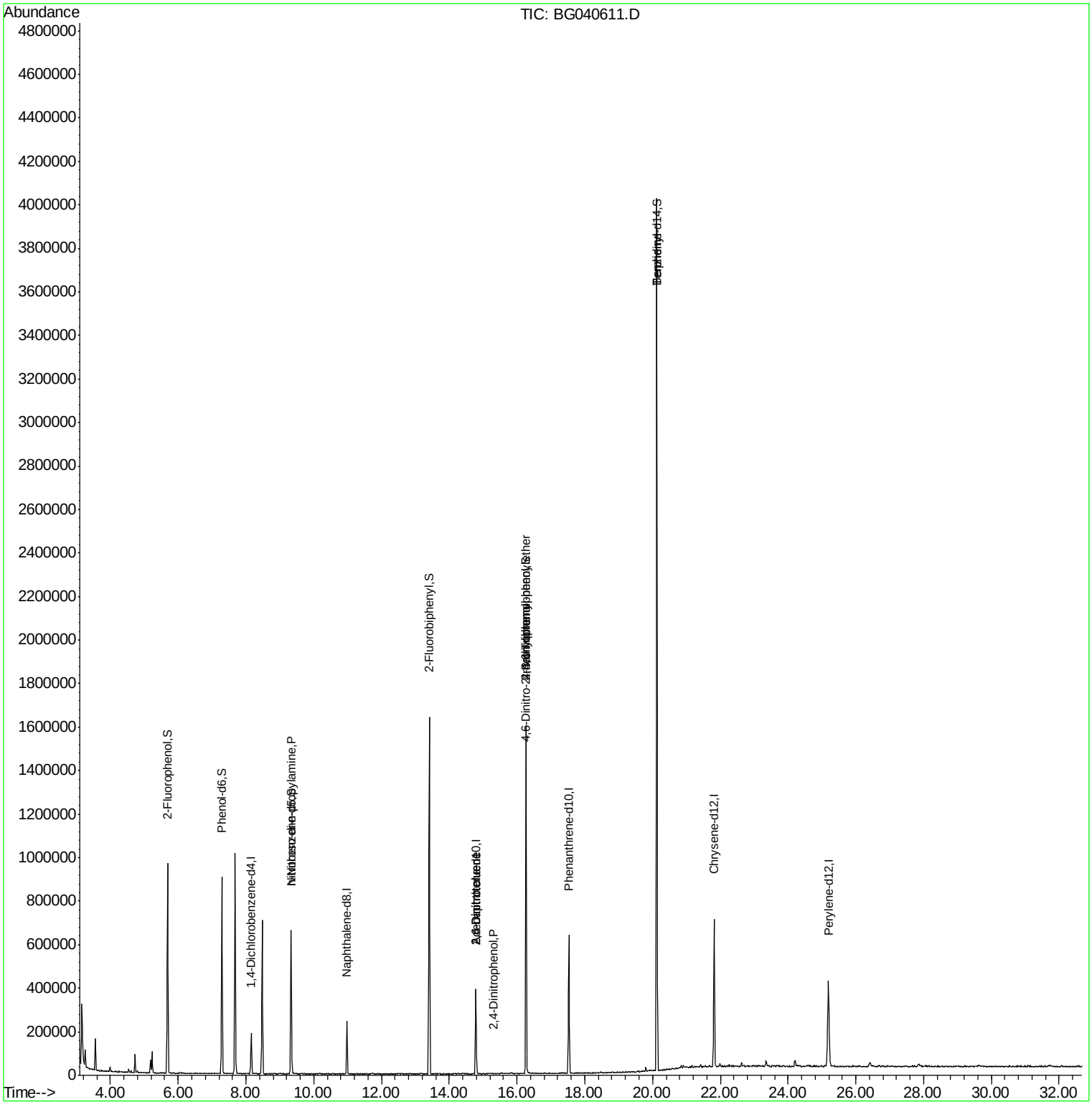
(#) = qualifier out of range (m) = manual integration (+) = signals summed

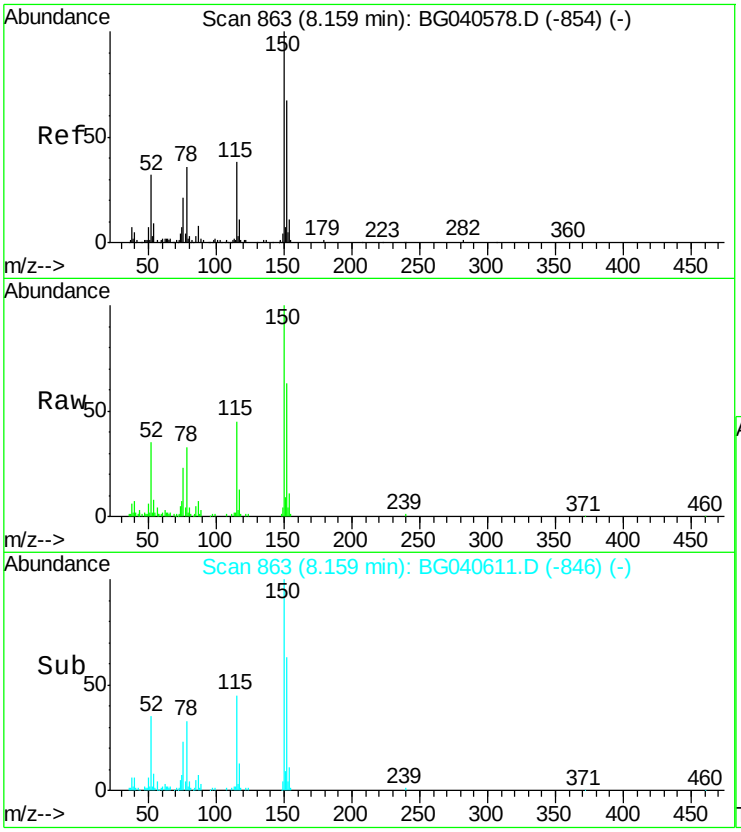
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040611.D
Acq On : 25 Apr 2019 15:29
Operator : JU/SJ
Sample : K2542-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 25 22:54:48 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



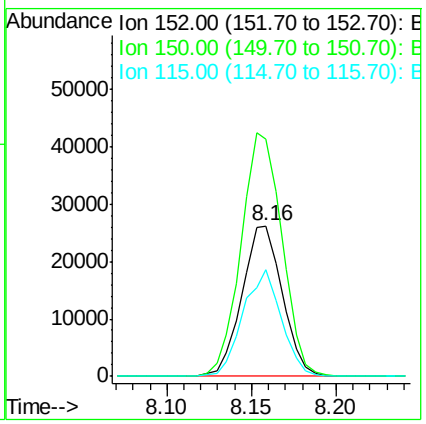


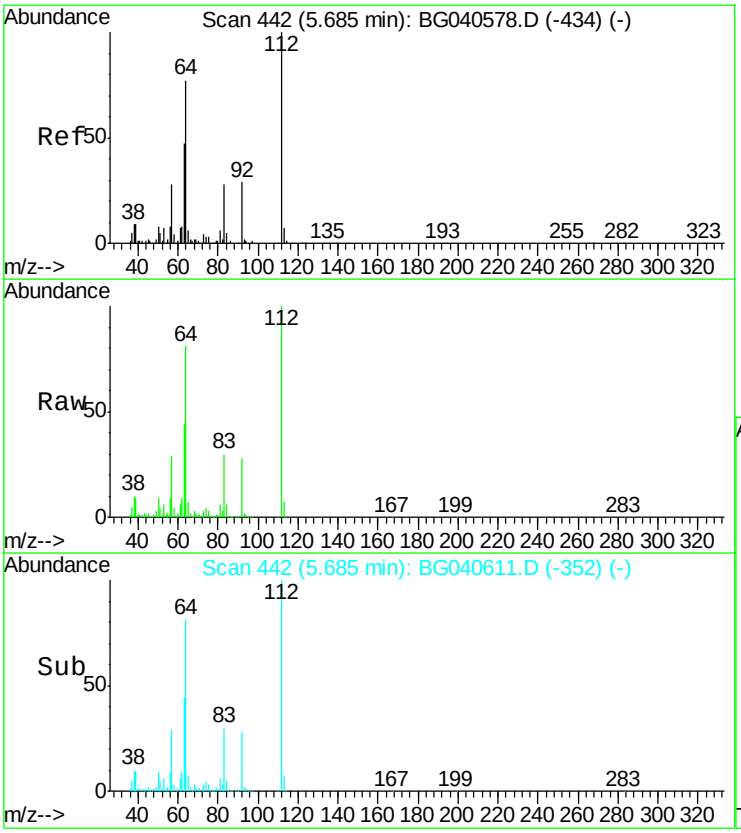
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43397

Ion	Ratio	Lower	Upper
152	100		
150	157.5	120.2	180.2
115	71.3	46.2	69.2#

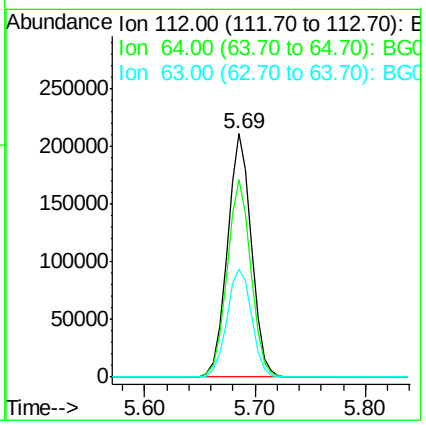


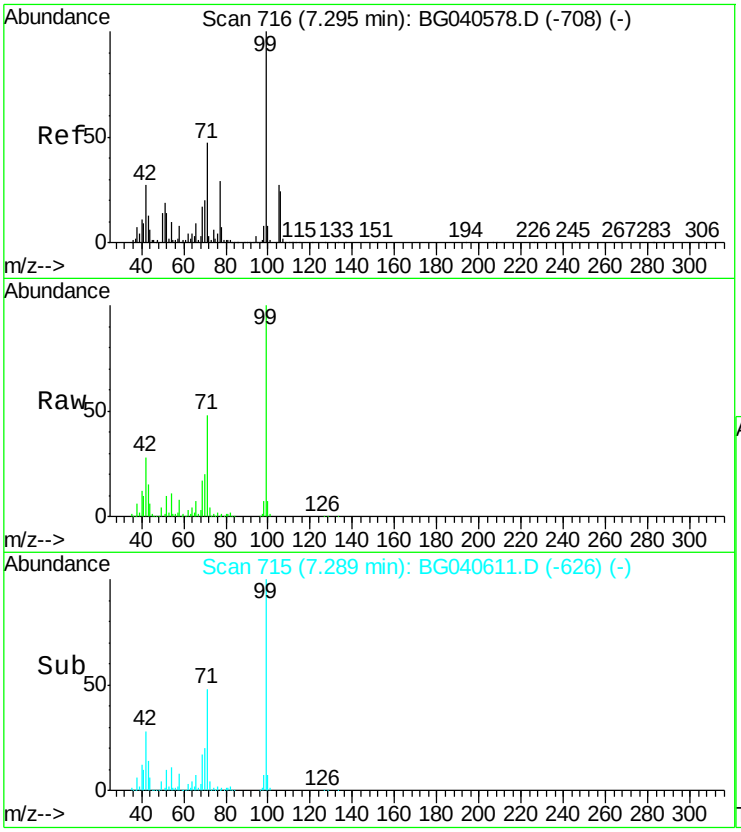


#5
2-Fluorophenol
Concen: 130.313 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion:112 Resp: 320813

Ion	Ratio	Lower	Upper
112	100		
64	81.4	61.4	92.0
63	44.5	37.8	56.6



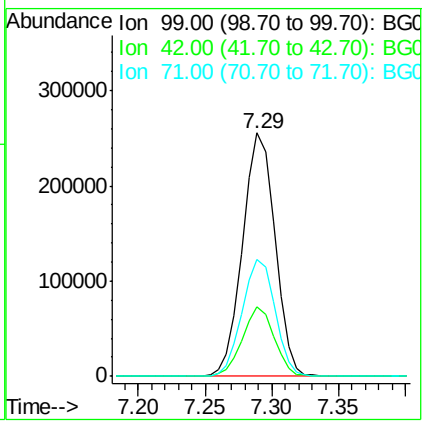


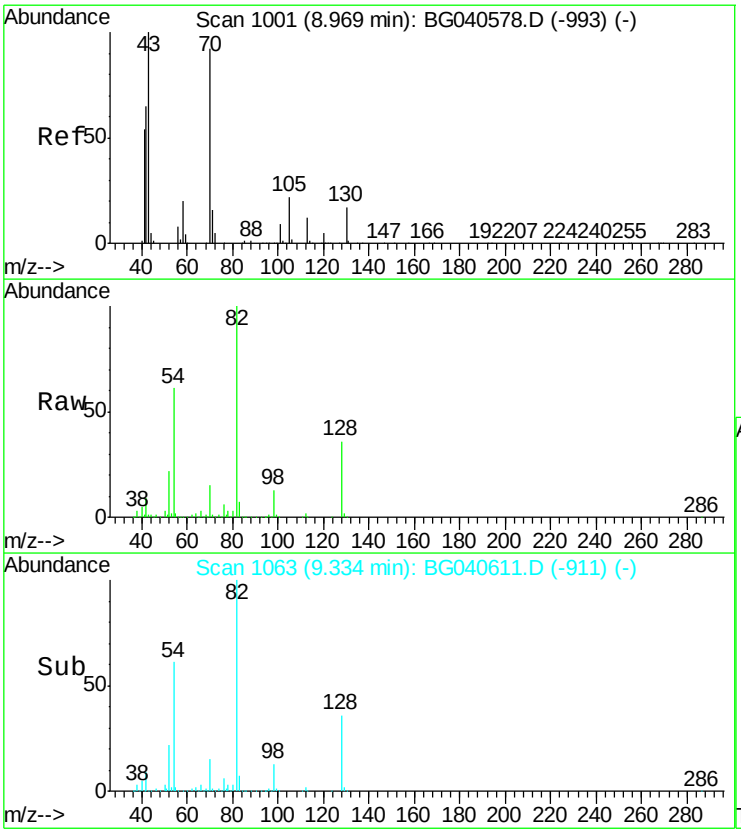
#7
Phenol-d6
Concen: 112.974 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 428236

Ion	Ratio	Lower	Upper
99	100		
42	28.5	21.8	32.8
71	48.0	38.6	57.8

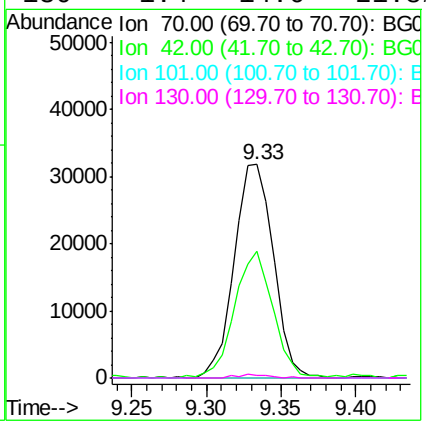


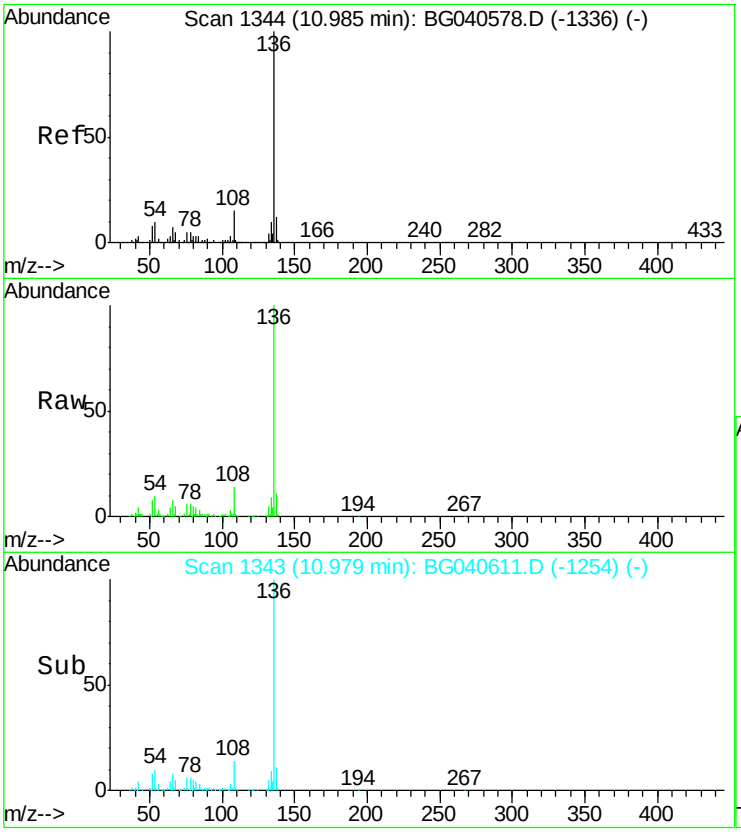


#19
n-Nitroso-di-n-propylamine
Concen: 16.947 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion: 70 Resp: 57825

Ion	Ratio	Lower	Upper
70	100		
42	59.6	57.1	85.7
101	0.0	7.8	11.8#
130	1.4	14.6	21.8#



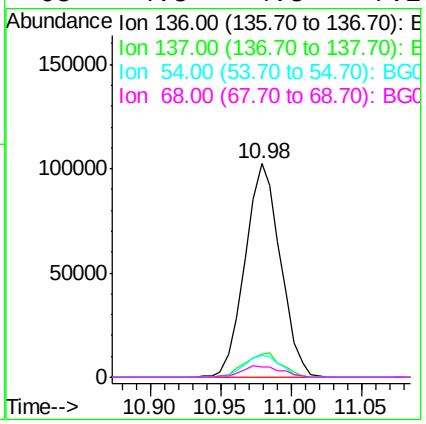


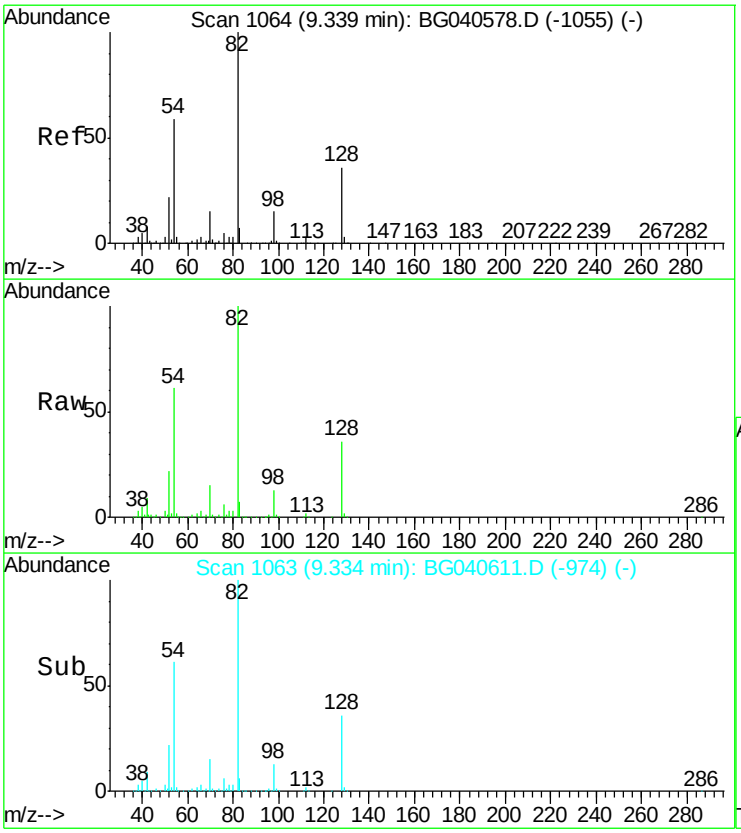
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 180017

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.7	14.5
54	10.3	8.6	12.8
68	4.8	4.8	7.2

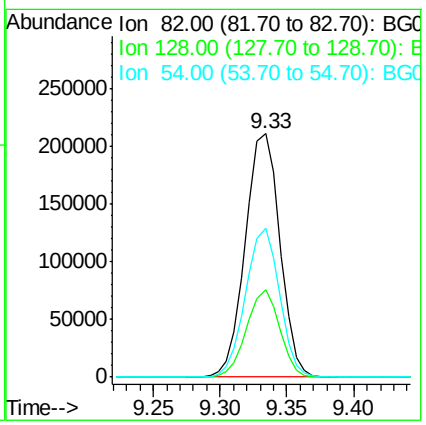


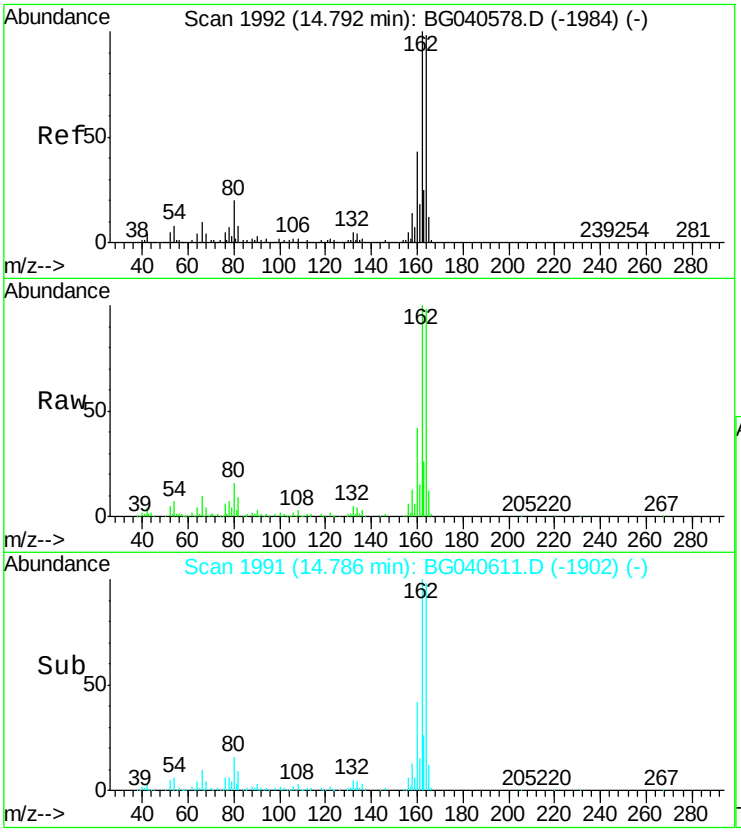


#23
Nitrobenzene-d5
Concen: 97.134 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion: 82 Resp: 378430

Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	61.1	47.2	70.8



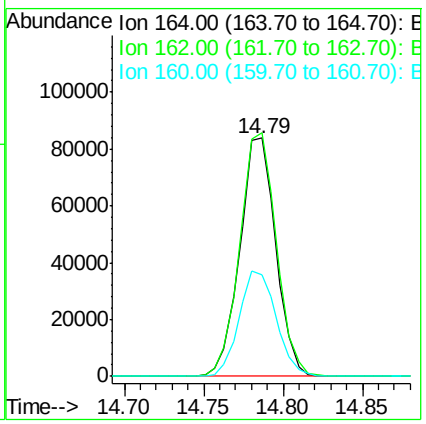


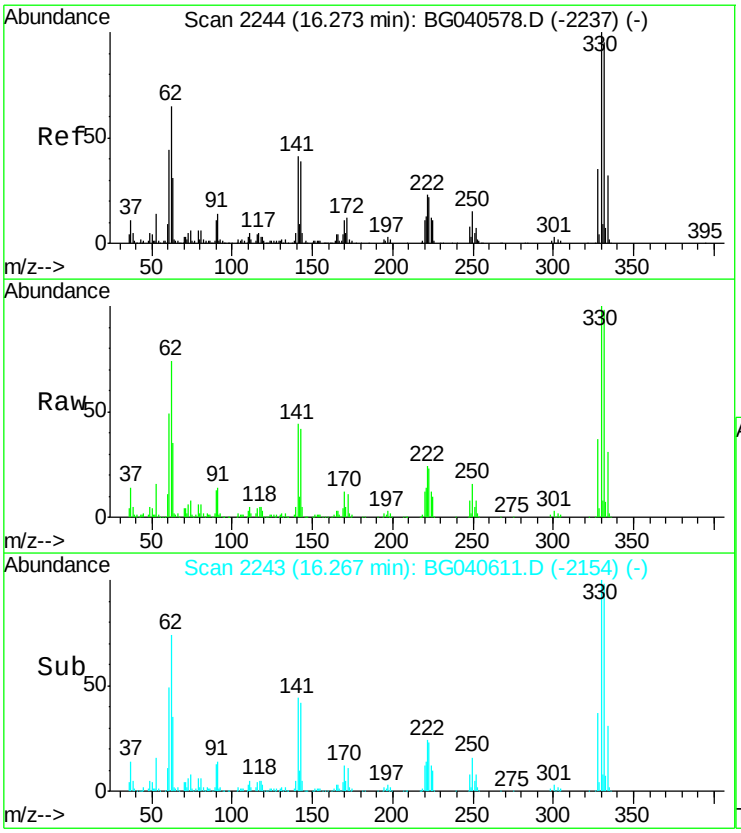
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 131919

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.9	122.9
160	42.6	35.4	53.2

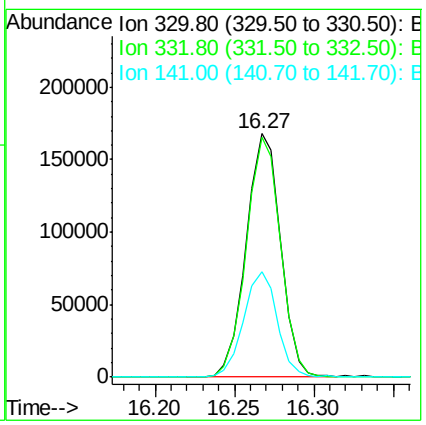


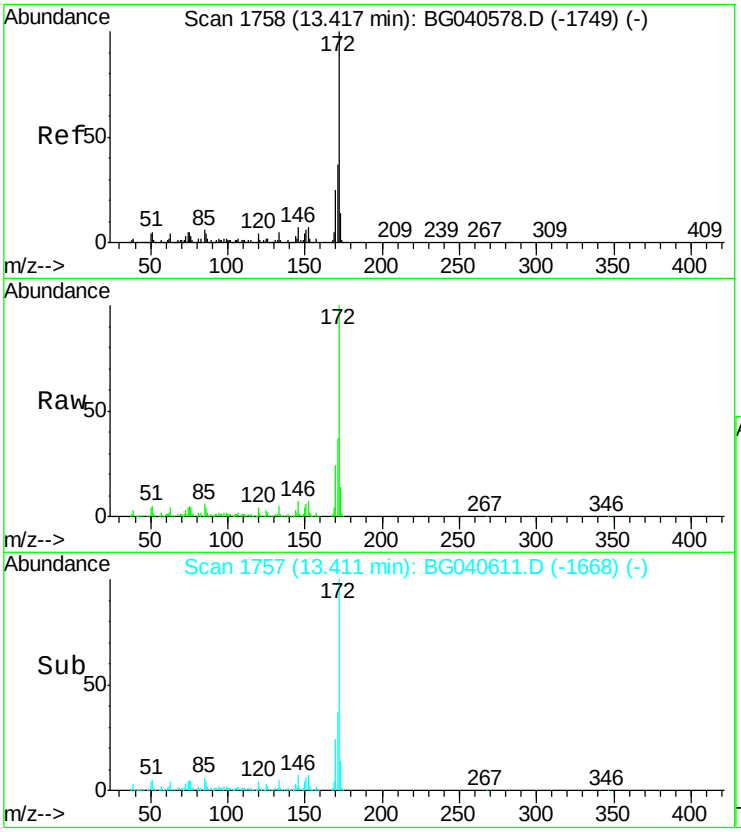


#42
2,4,6-Tribromophenol
Concen: 139.560 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion:330 Resp: 253058

Ion	Ratio	Lower	Upper
330	100		
332	98.7	75.9	113.9
141	42.9	32.4	48.6



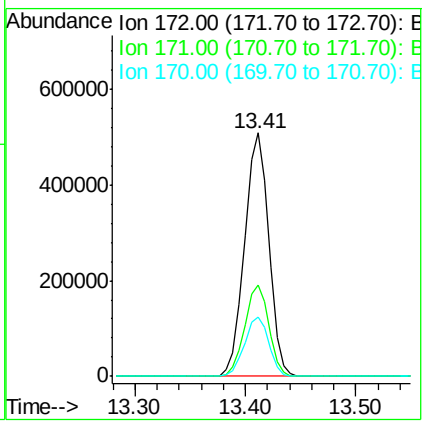


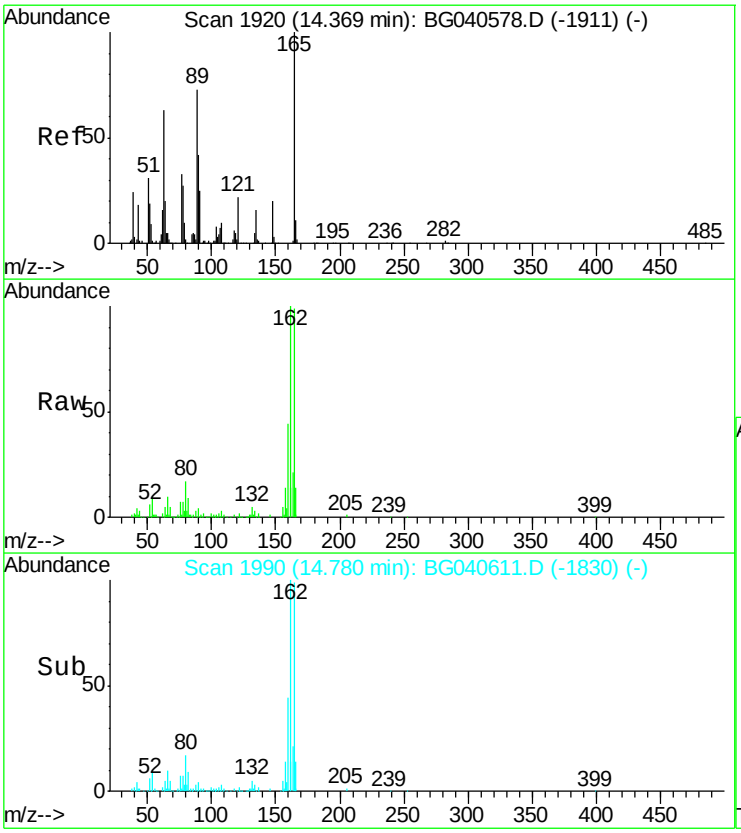
#45
2-Fluorobiphenyl
Concen: 85.678 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 782620

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	24.4	19.9	29.9

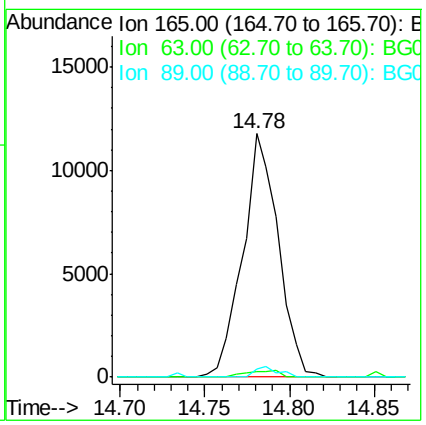


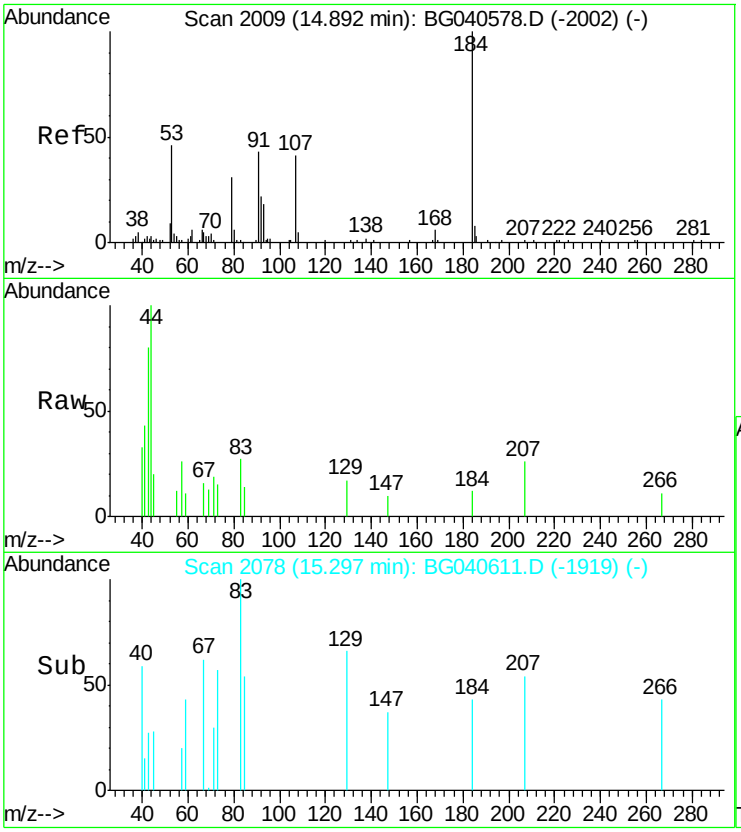


#51
2,6-Dinitrotoluene
Concen: 8.005 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion:165 Resp: 17243

Ion	Ratio	Lower	Upper
165	100		
63	2.2	61.0	91.4#
89	3.4	58.6	87.8#



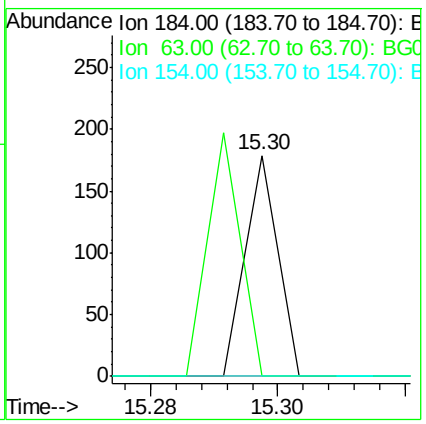


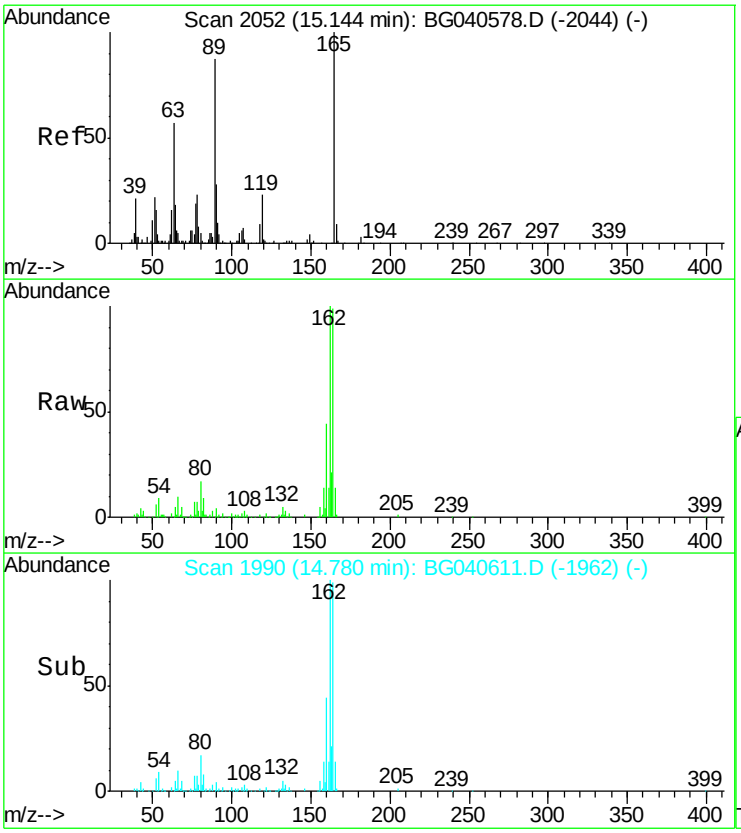
#54
2,4-Dinitrophenol
Concen: 7.062 ng
RT: 15.30 min Scan# 2078
Delta R.T. 0.41 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 63

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

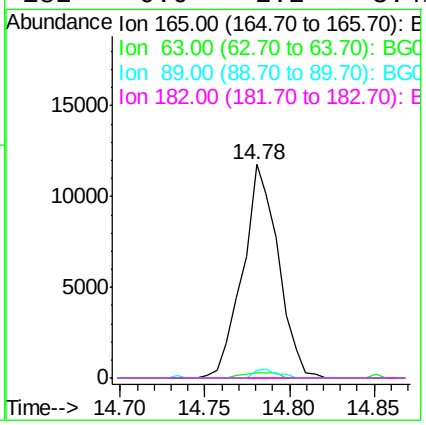


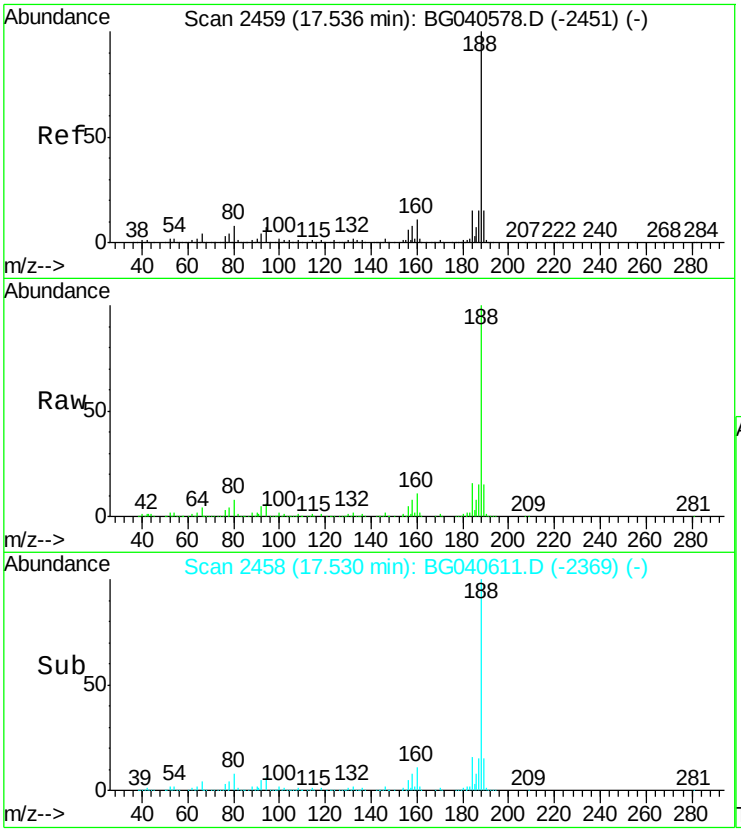


#57
2,4-Dinitrotoluene
Concen: 5.891 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.36 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion:165 Resp: 17243

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



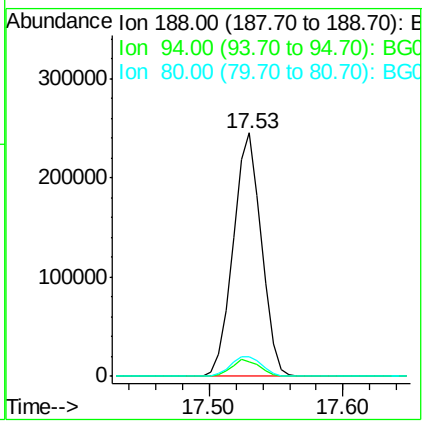


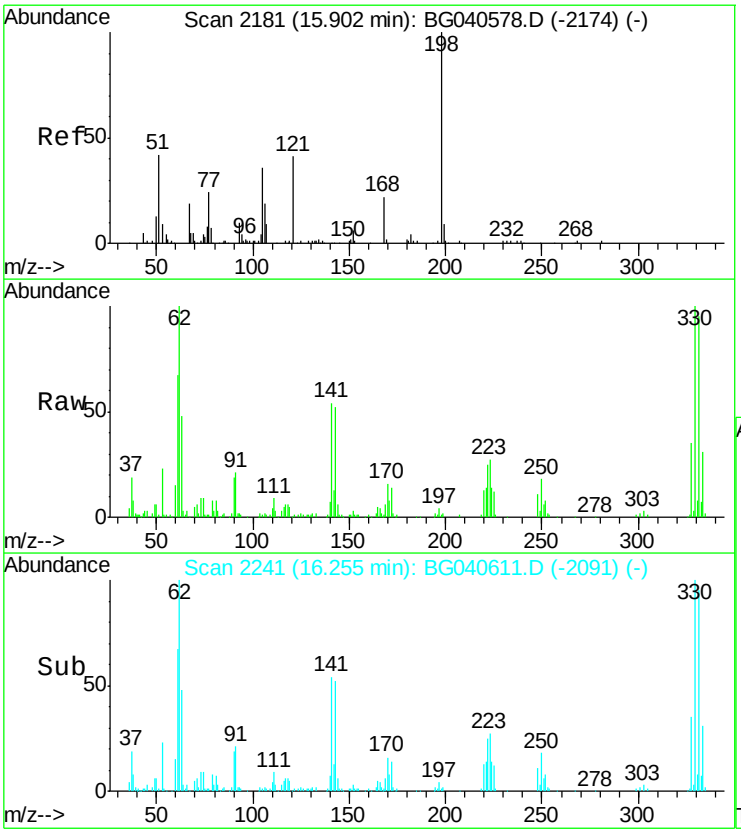
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 358509

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	8.2	6.4	9.6

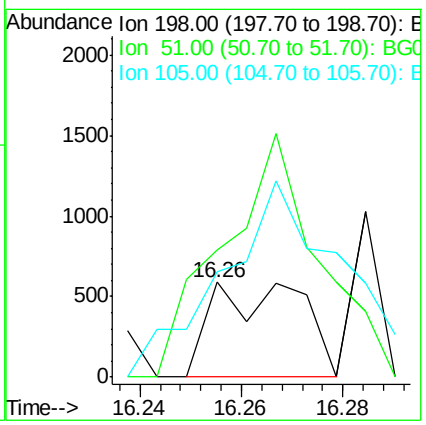


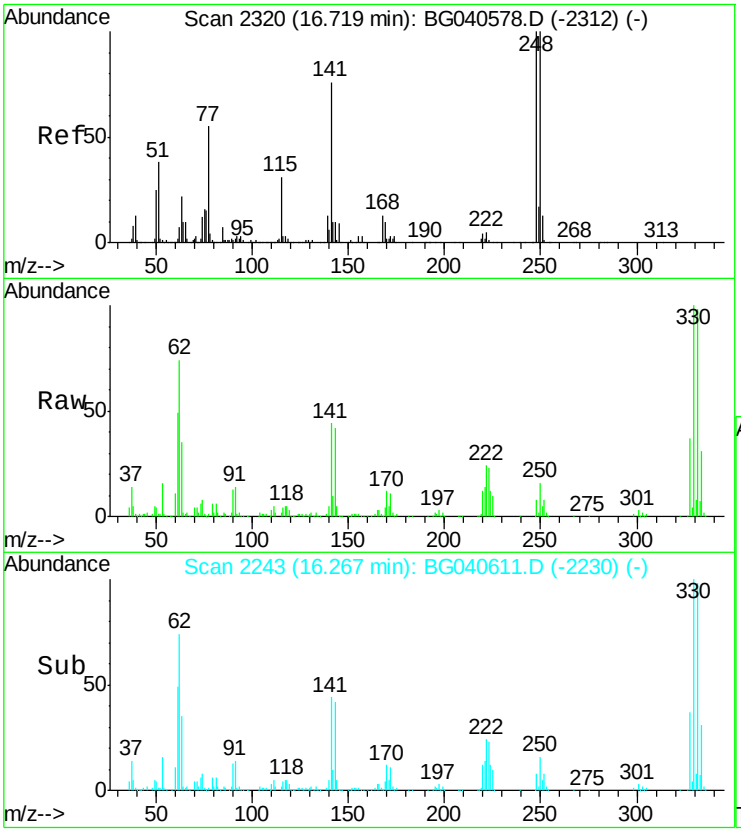


#65
4,6-Dinitro-2-methylphenol
Concen: 7.445 ng
RT: 16.26 min Scan# 2241
Delta R.T. 0.35 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion:198 Resp: 712

Ion	Ratio	Lower	Upper
198	100		
51	41.2	35.9	75.9
105	34.2	21.2	61.2



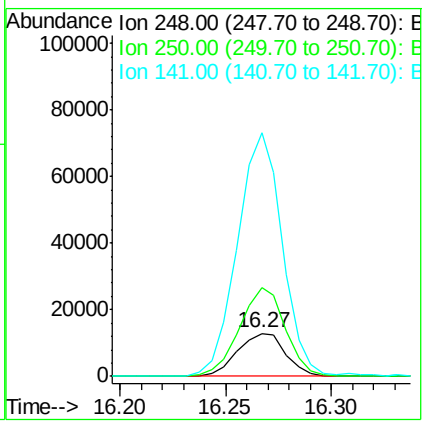


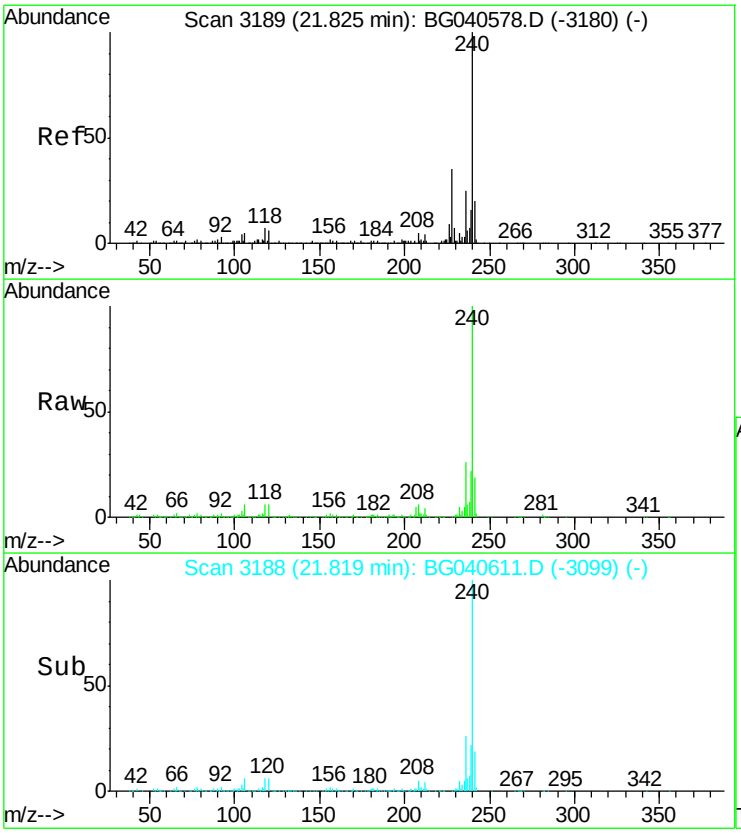
#67
4-Bromophenyl-phenylether
Concen: 4.496 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20082

Ion	Ratio	Lower	Upper
248	100		
250	156.1	79.8	119.6#
141	429.8	60.8	91.2#

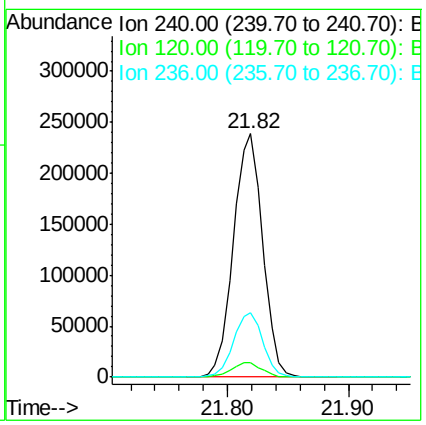


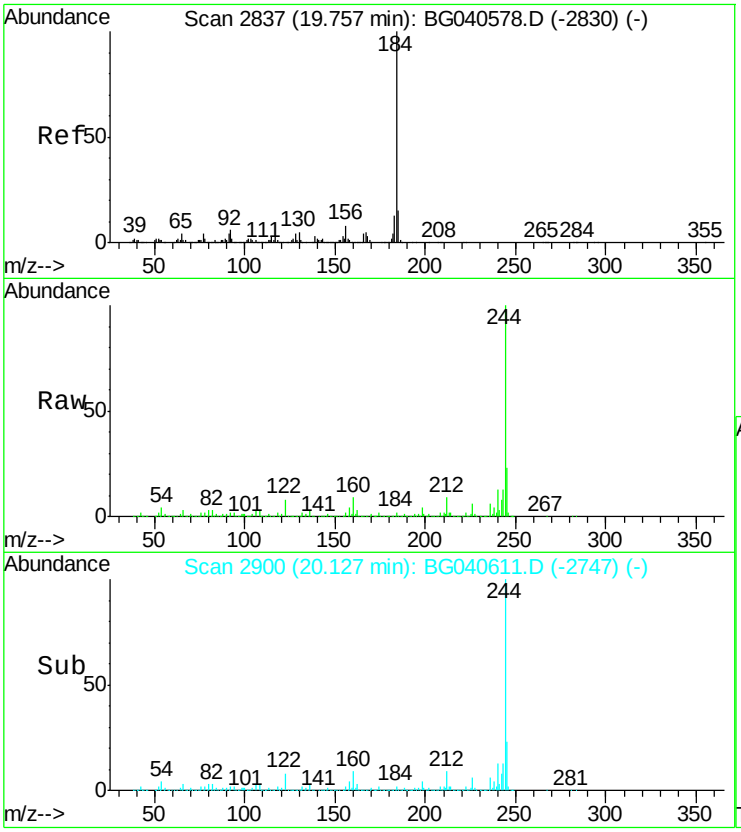


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion:240 Resp: 403689

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.0	7.6
236	26.4	20.3	30.5



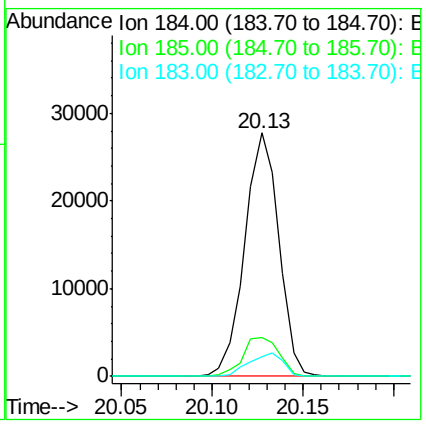


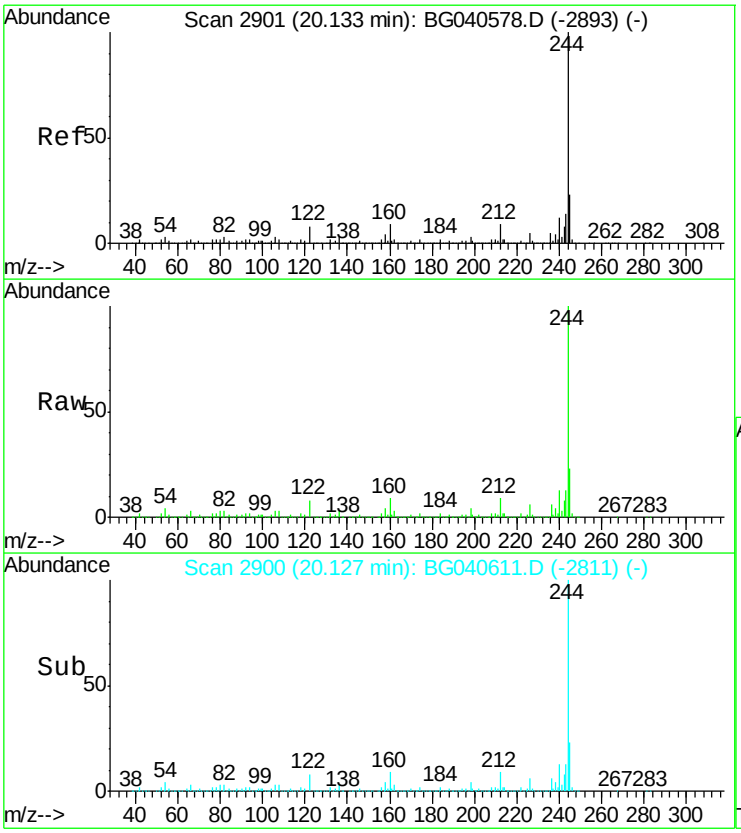
#77
Benzidine
Concen: 3.285 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36311

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.8
183	7.8	10.2	15.2#

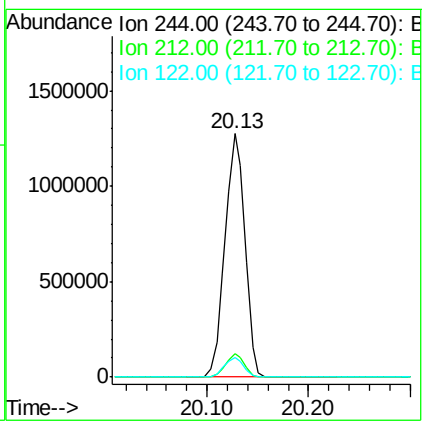


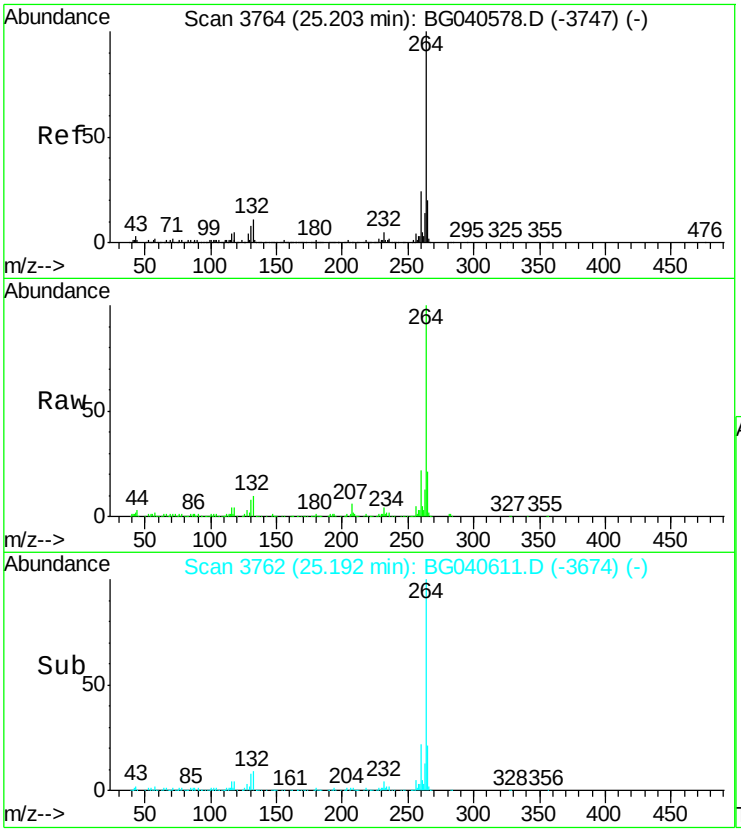


#79
Terphenyl-d14
Concen: 95.349 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Tgt Ion:244 Resp: 1737423

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.2	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG040611.D
Acq: 25 Apr 2019 15:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 426522

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.2	28.8
265	21.0	16.6	25.0