Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041008.D
Acq On : 1 Jun 2019 12:21
Operator : HP/JU
Sample : PB120099BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120099BL

Quant Time: Jun 03 01:11:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53206	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	221541	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	158534	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	400876	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	404651	20.00	ng	-0.01
87) Perylene-d12	25.12	264	418505	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	283572	96.11	ng	0.00
7) Phenol-d6	7.26	99	398355	87.42	ng	0.00
23) Nitrobenzene-d5	9.29	82	416657	83.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	188806	80.22	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	980060	89.03	ng	-0.01
79) Terphenyl-d14	20.09	244	1553419	81.47	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	59894	17.079	ng	# 75
51) 2,6-Dinitrotoluene	14.75	165	20195	6.980	ng	# 19
57) 2,4-Dinitrotoluene	14.75	165	20195	4.941	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.02	198	54	8.610	ng	# 36
67) 4-Bromophenyl-phenylether	16.23	248	14036	2.594	ng	# 1
77) Benzidine	20.09	184	28177	2.919	ng	# 93

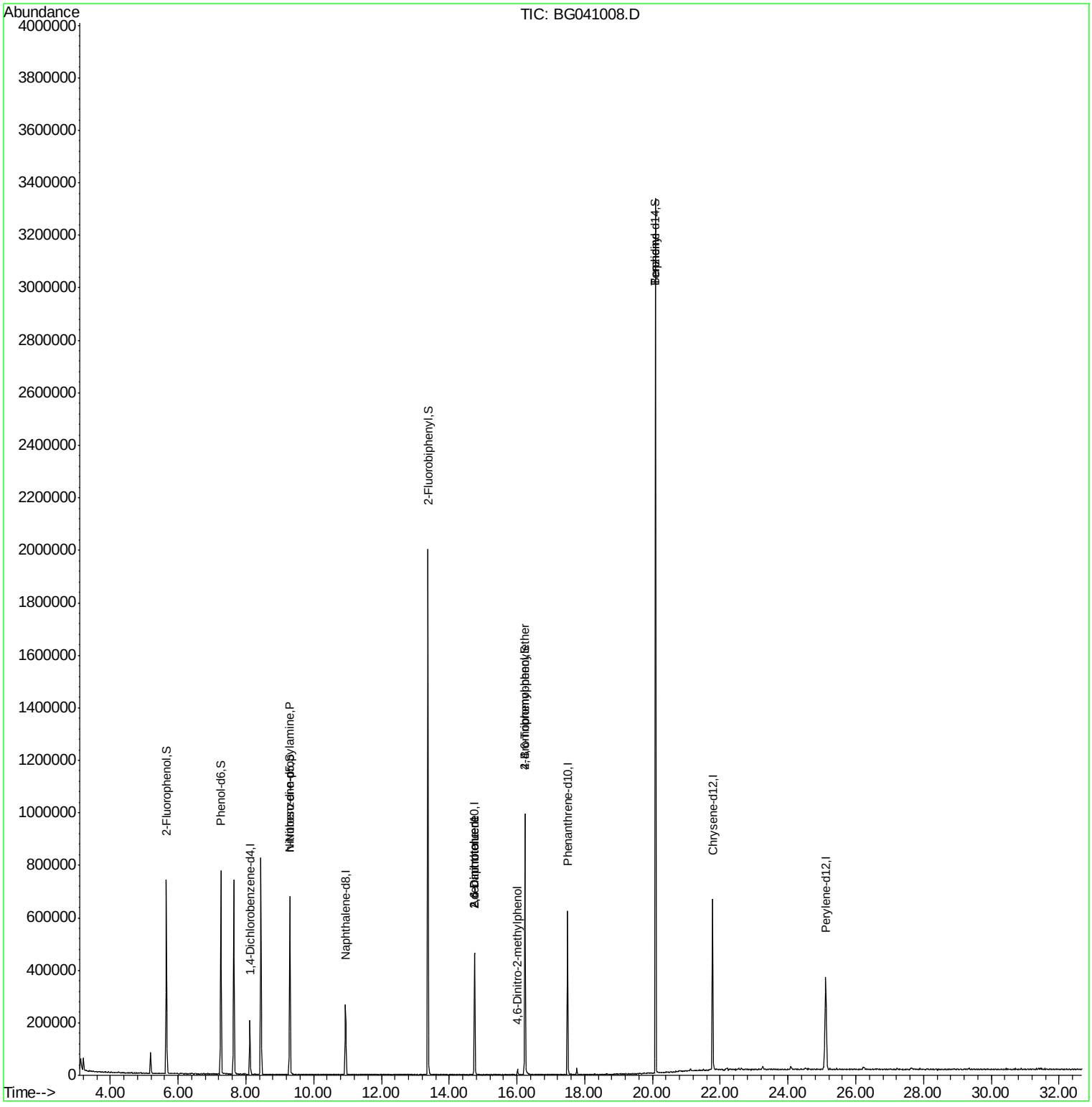
(#) = qualifier out of range (m) = manual integration (+) = signals summed

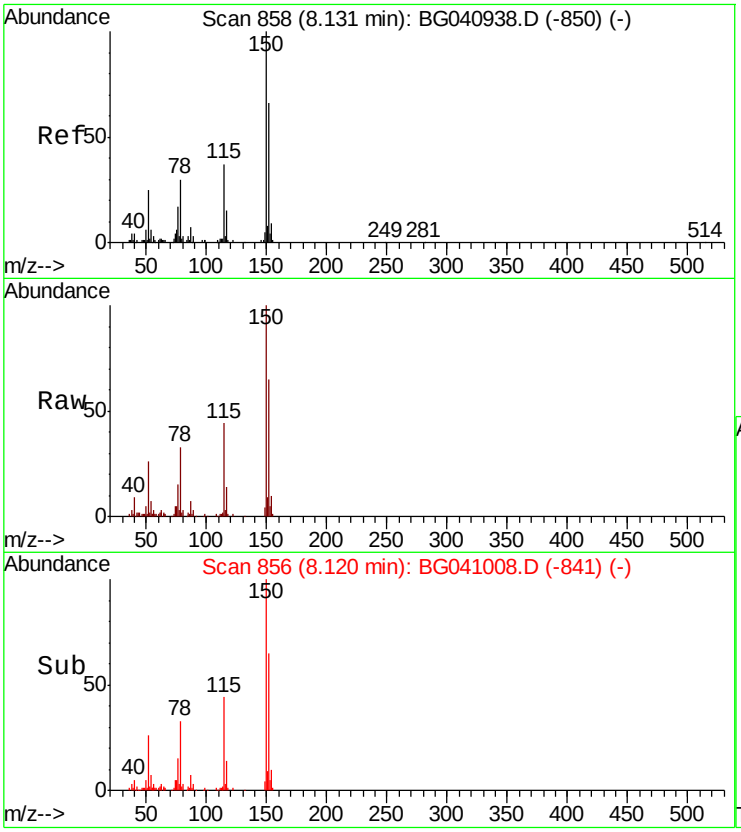
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041008.D
Acq On : 1 Jun 2019 12:21
Operator : HP/JU
Sample : PB120099BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120099BL

Quant Time: Jun 03 01:11:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



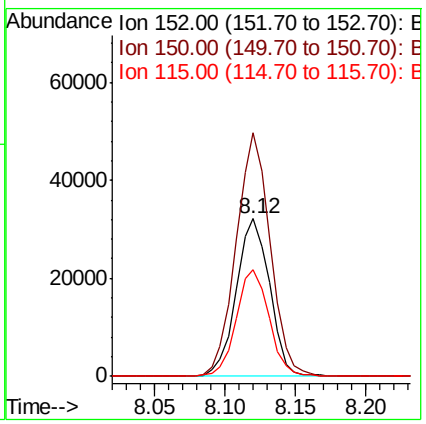


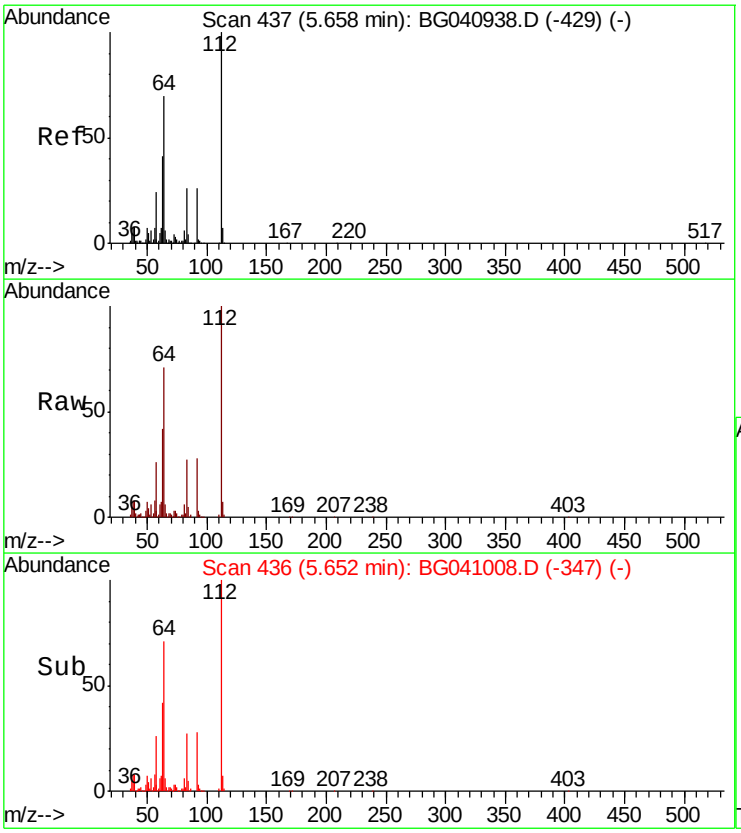
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:152 Resp: 53206

Ion	Ratio	Lower	Upper
152	100		
150	154.5	120.6	180.8
115	68.0	45.1	67.7#

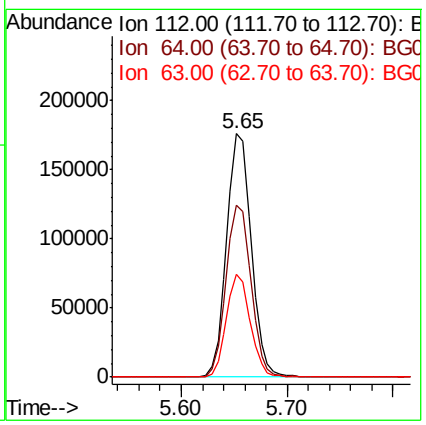


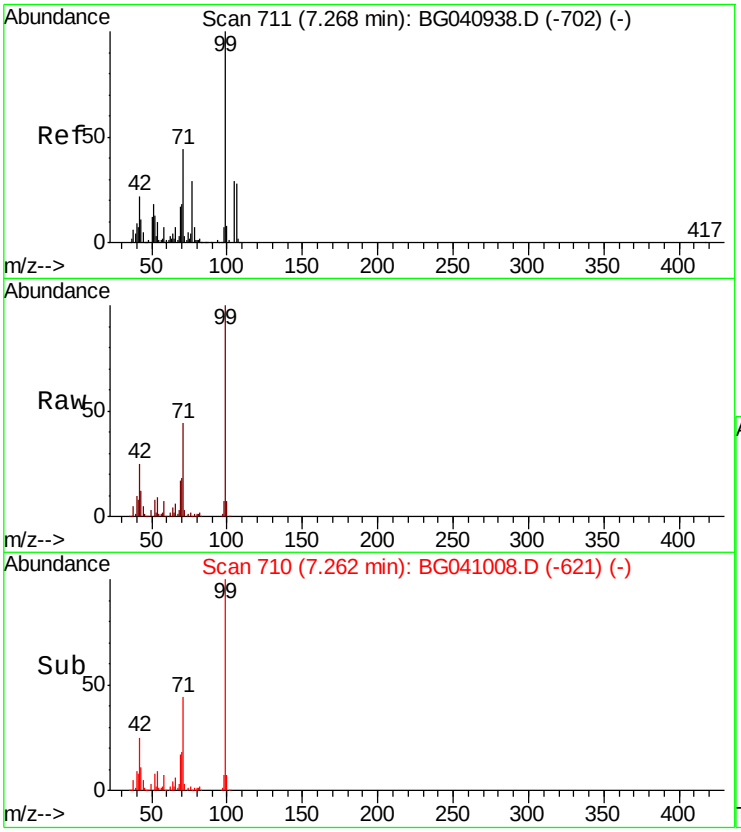


#5
2-Fluorophenol
Concen: 96.106 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion:112 Resp: 283572

Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.2	84.2
63	42.3	32.8	49.2



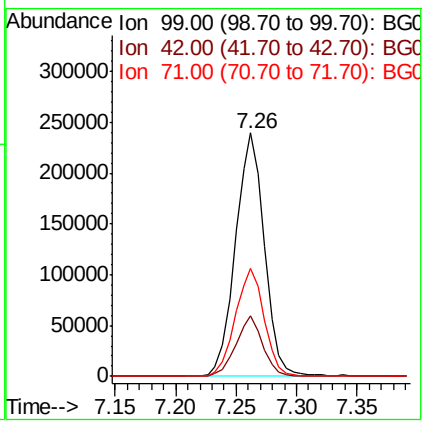


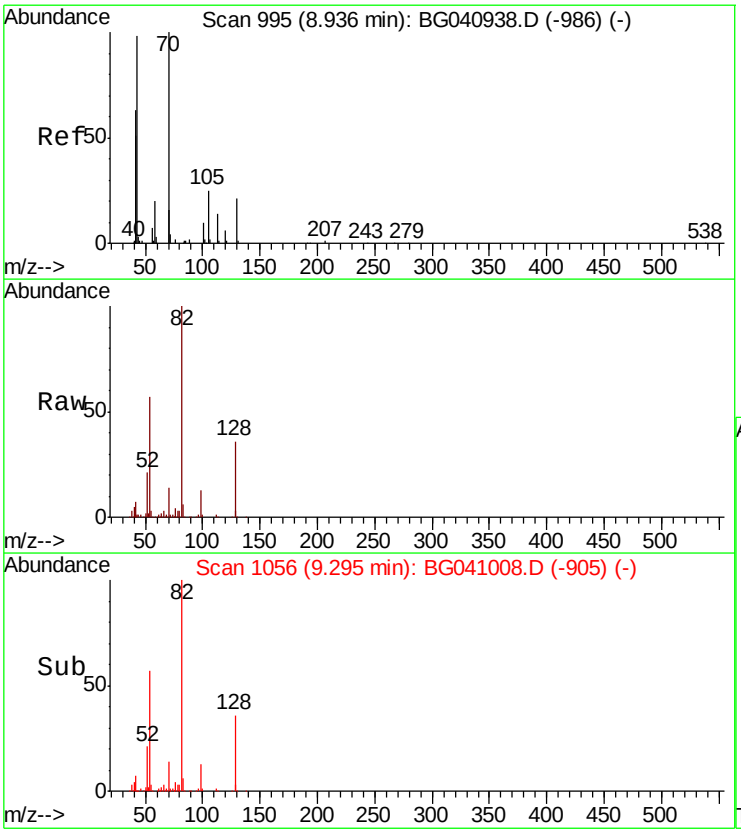
#7
Phenol-d6
Concen: 87.417 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion: 99 Resp: 398355

Ion	Ratio	Lower	Upper
99	100		
42	24.8	17.9	26.9
71	44.4	35.4	53.0

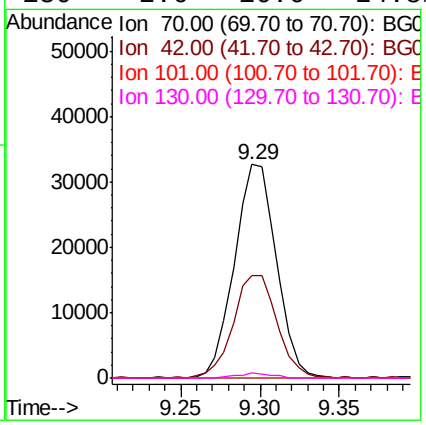


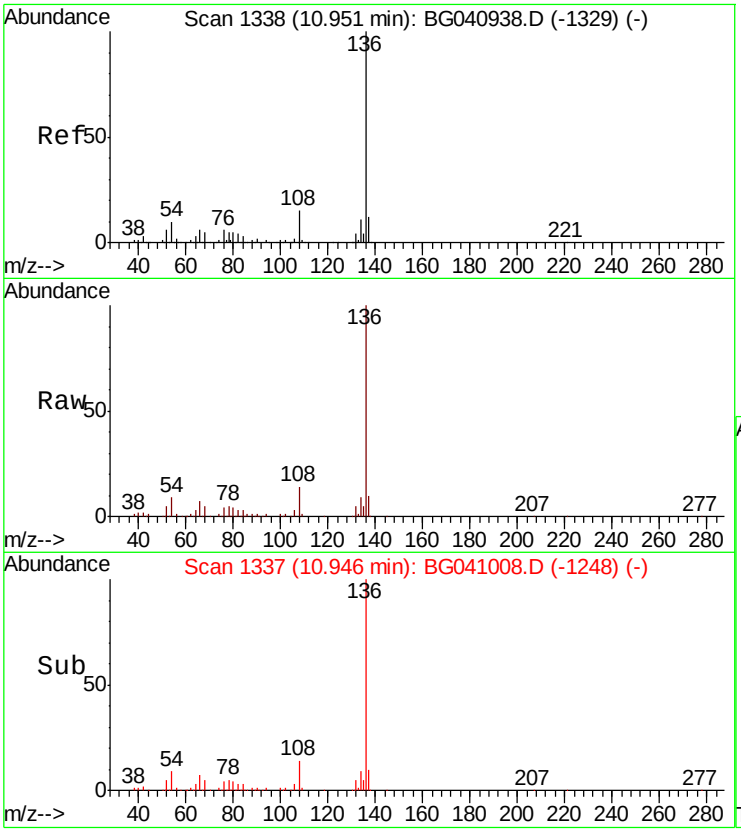


#19
n-Nitroso-di-n-propylamine
Concen: 17.079 ng
RT: 9.29 min Scan# 1056
Delta R.T. 0.36 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion: 70 Resp: 59894

Ion	Ratio	Lower	Upper
70	100		
42	48.0	51.5	77.3#
101	0.0	8.1	12.1#
130	2.6	16.6	24.8#



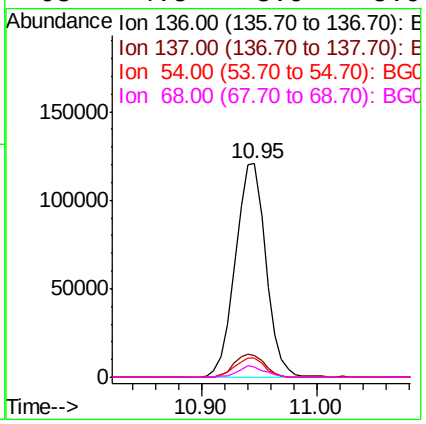


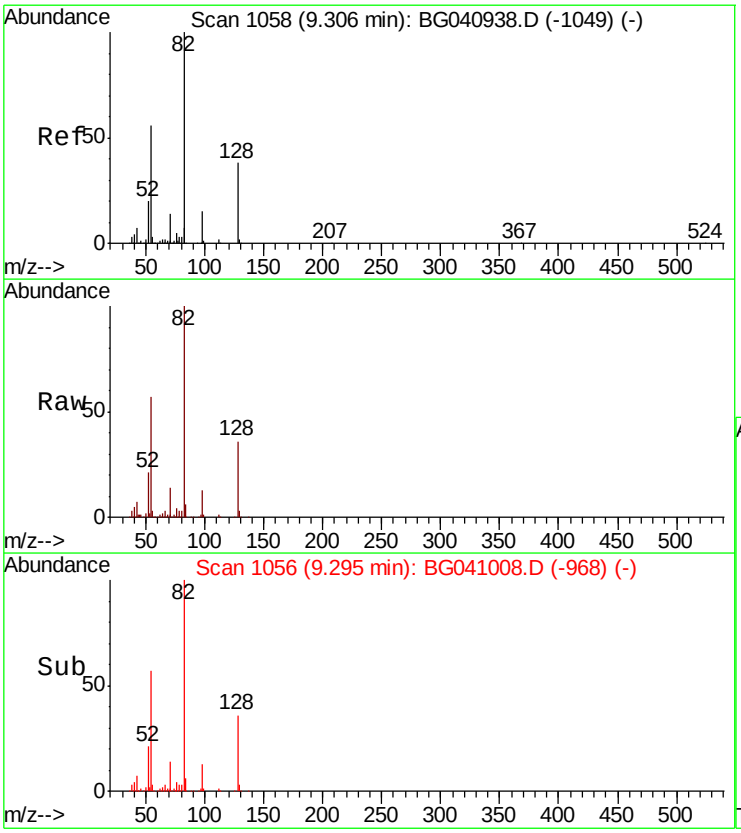
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:136 Resp: 221541

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.5	14.3
54	9.1	7.6	11.4
68	4.5	3.9	5.9

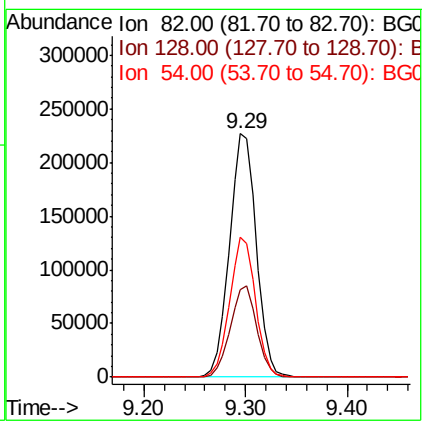


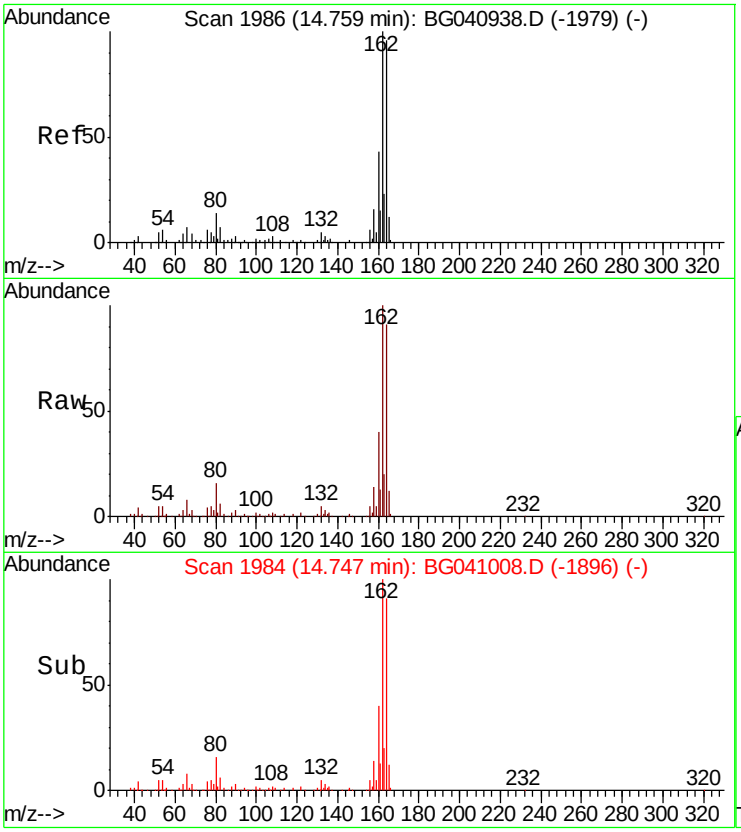


#23
Nitrobenzene-d5
Concen: 83.492 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion: 82 Resp: 416657

Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.5	45.7
54	57.3	44.6	66.8



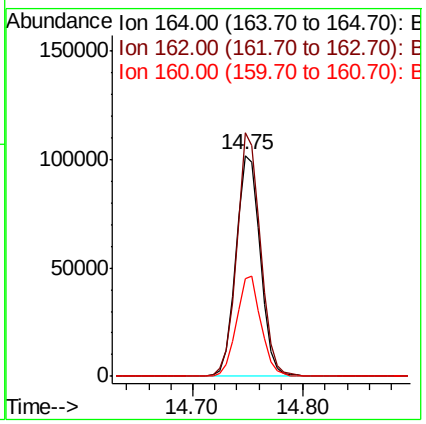


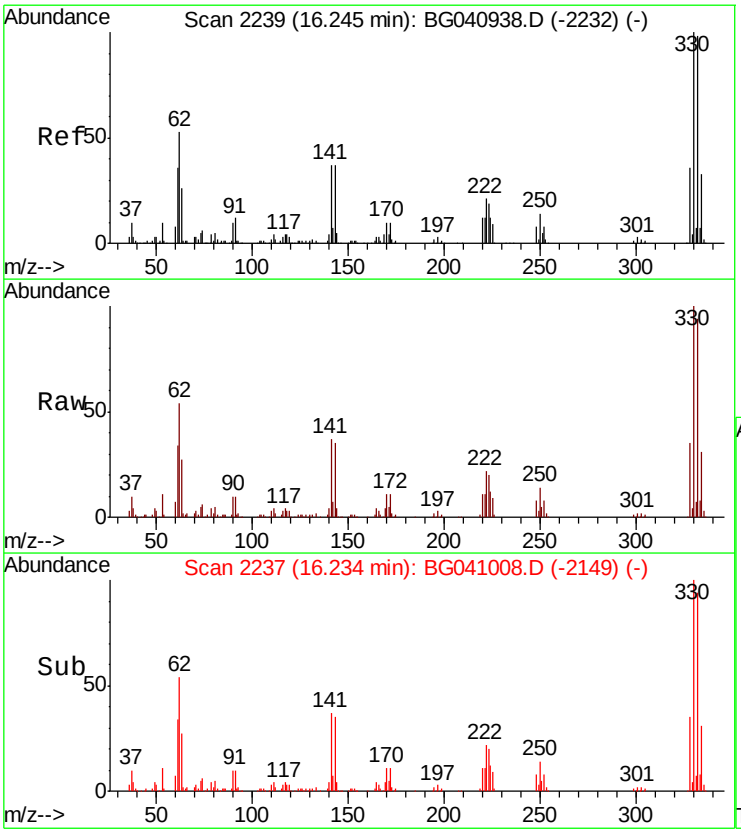
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:164 Resp: 158534

Ion	Ratio	Lower	Upper
164	100		
162	110.1	83.0	124.4
160	44.2	35.6	53.4

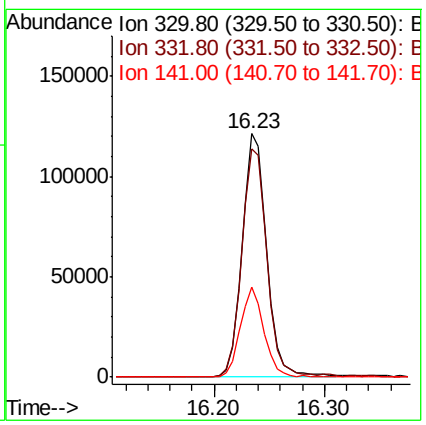


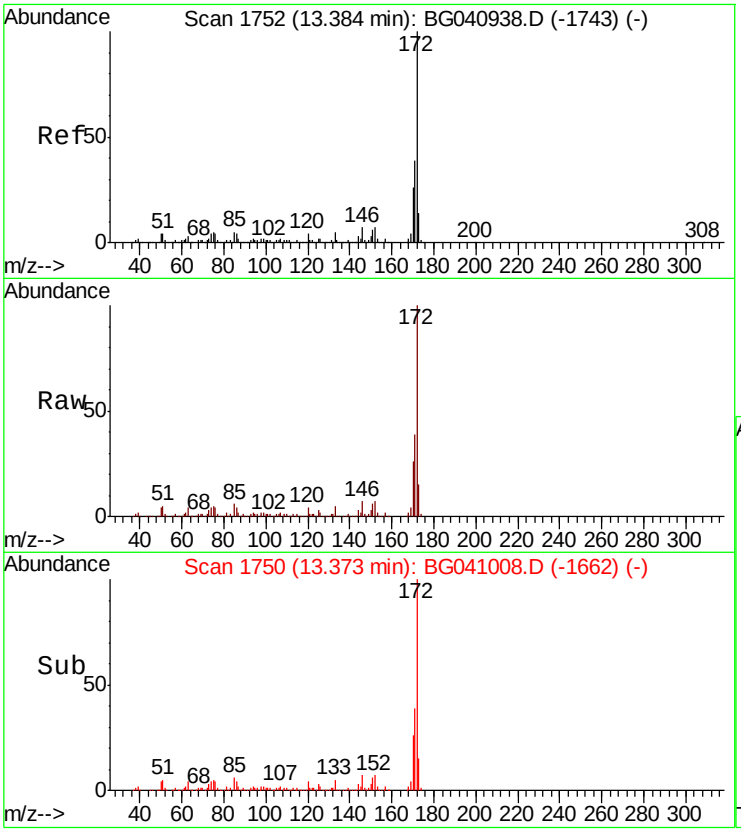


#42
2,4,6-Tribromophenol
Concen: 80.222 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion:330 Resp: 188806

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.5	117.7
141	36.3	28.7	43.1



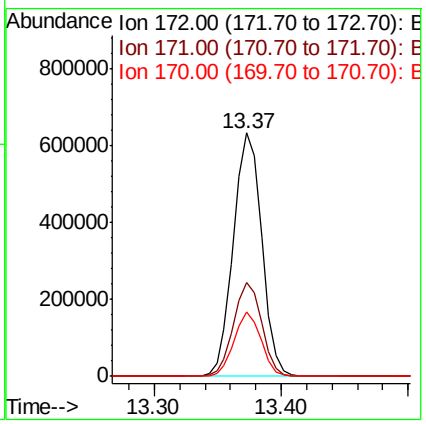


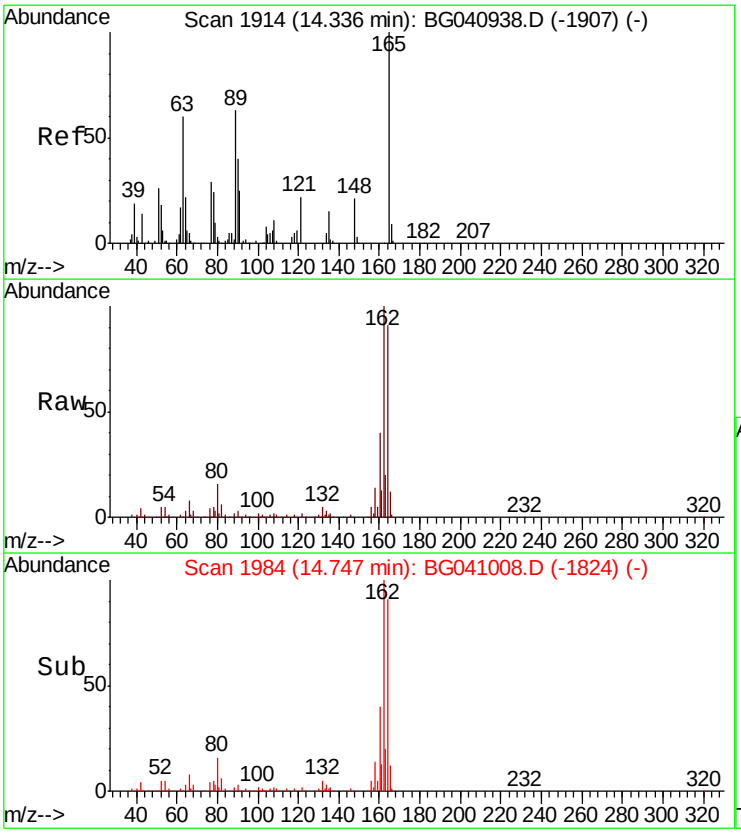
#45
2-Fluorobiphenyl
Concen: 89.028 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:172 Resp: 980060

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.1	46.7
170	26.4	20.5	30.7

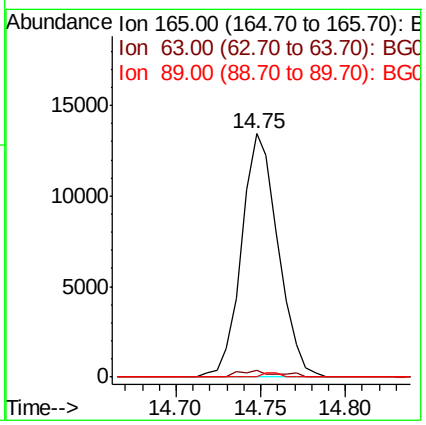


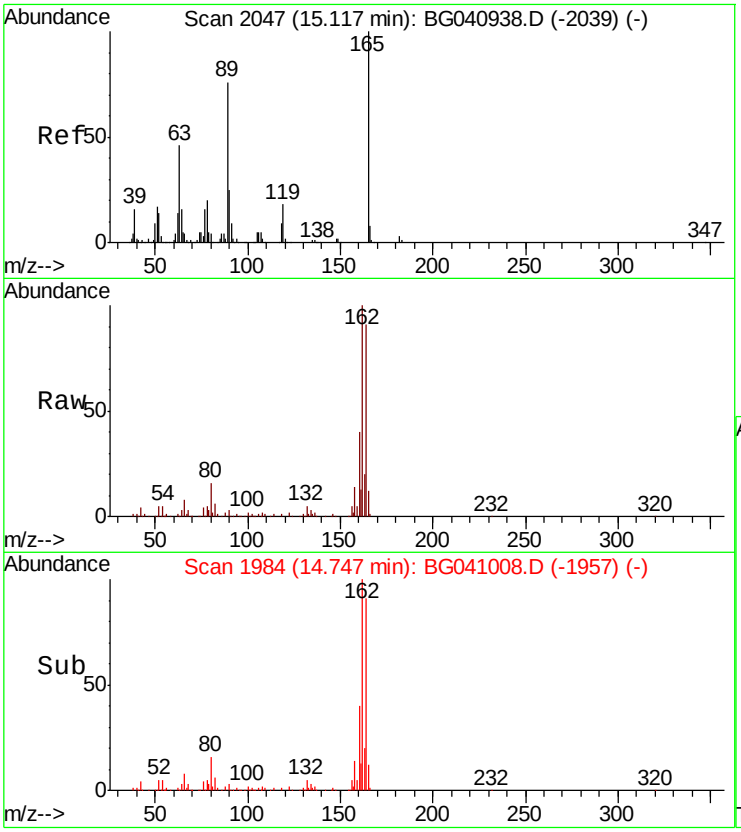


#51
2,6-Dinitrotoluene
Concen: 6.980 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.41 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion:165 Resp: 20195

Ion	Ratio	Lower	Upper
165	100		
63	2.9	53.6	80.4#
89	0.0	50.4	75.6#



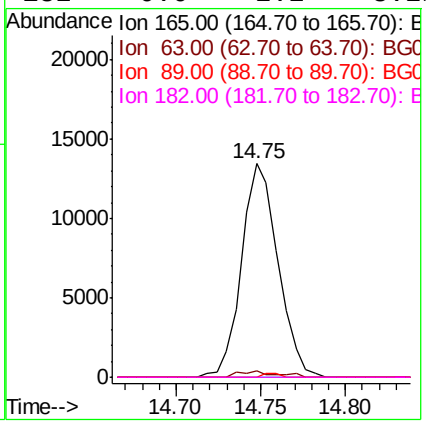


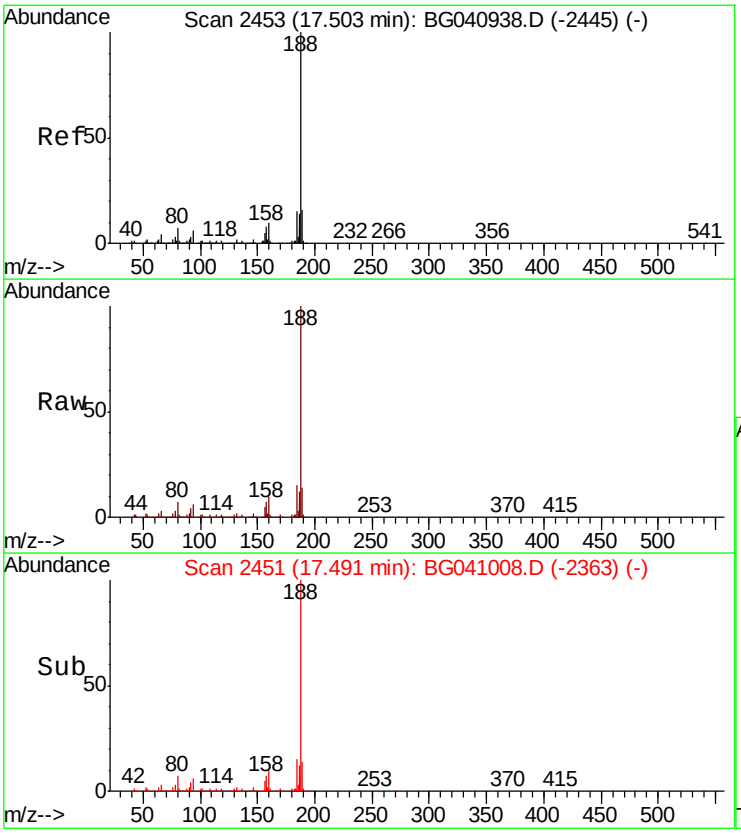
#57
2,4-Dinitrotoluene
Concen: 4.941 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:165 Resp: 20195

Ion	Ratio	Lower	Upper
165	100		
63	2.9	37.3	55.9#
89	0.0	61.0	91.6#
182	0.0	2.2	3.2#

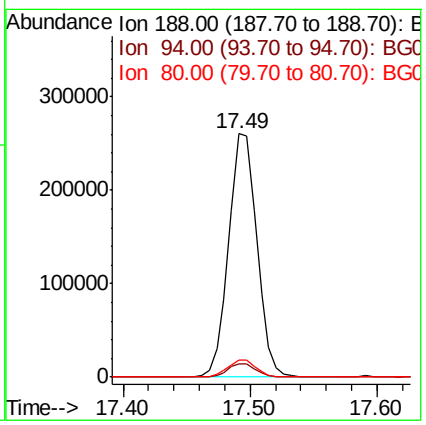


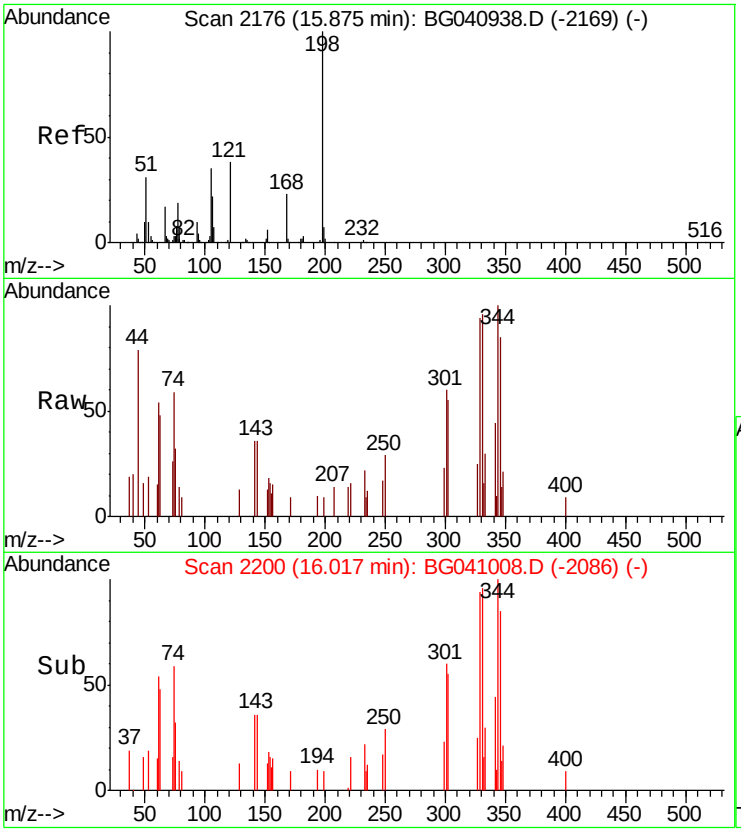


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion:188 Resp: 400876

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	7.2	5.8	8.8



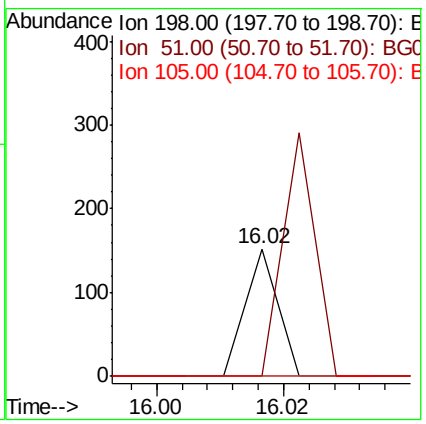


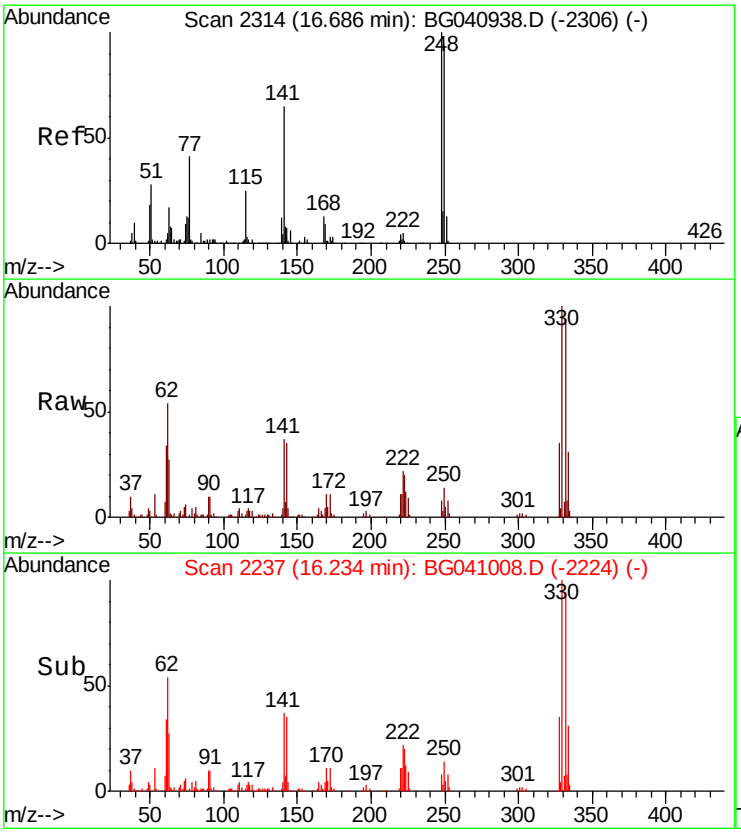
#65
4,6-Dinitro-2-methylphenol
Concen: 8.610 ng
RT: 16.02 min Scan# 2200
Delta R.T. 0.14 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.6	61.6#
105	0.0	17.5	57.5#

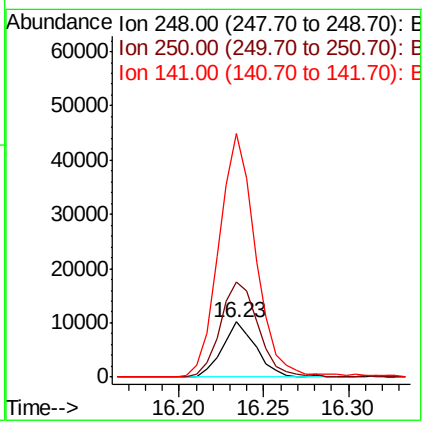


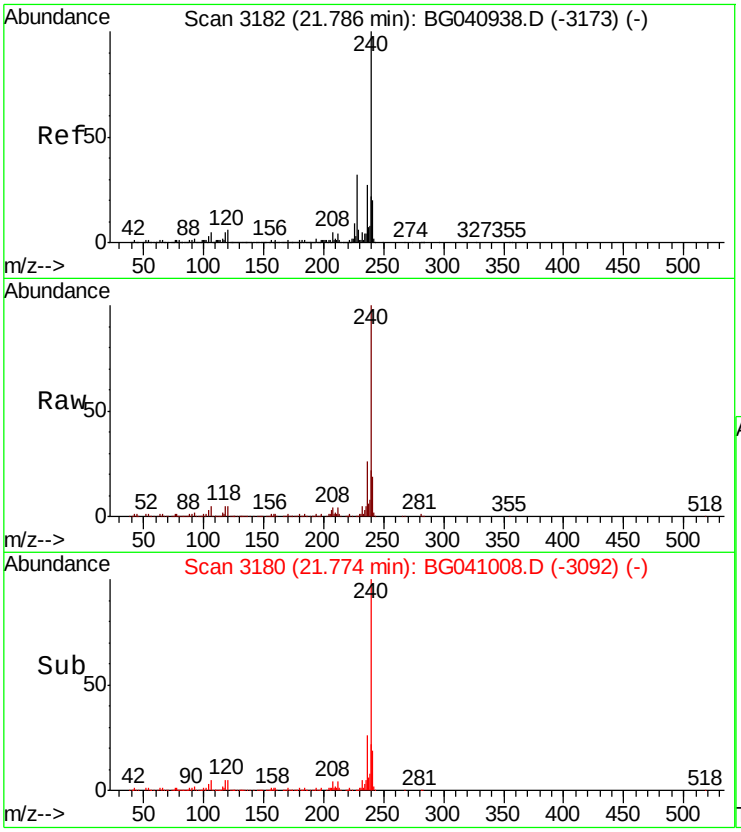


#67
4-Bromophenyl-phenylether
Concen: 2.594 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.45 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion:248 Resp: 14036

Ion	Ratio	Lower	Upper
248	100		
250	235.8	75.0	112.4#
141	442.7	52.4	78.6#



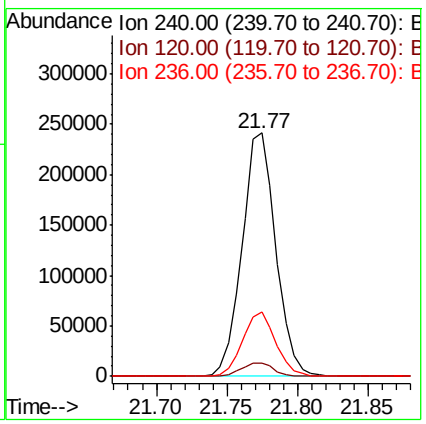


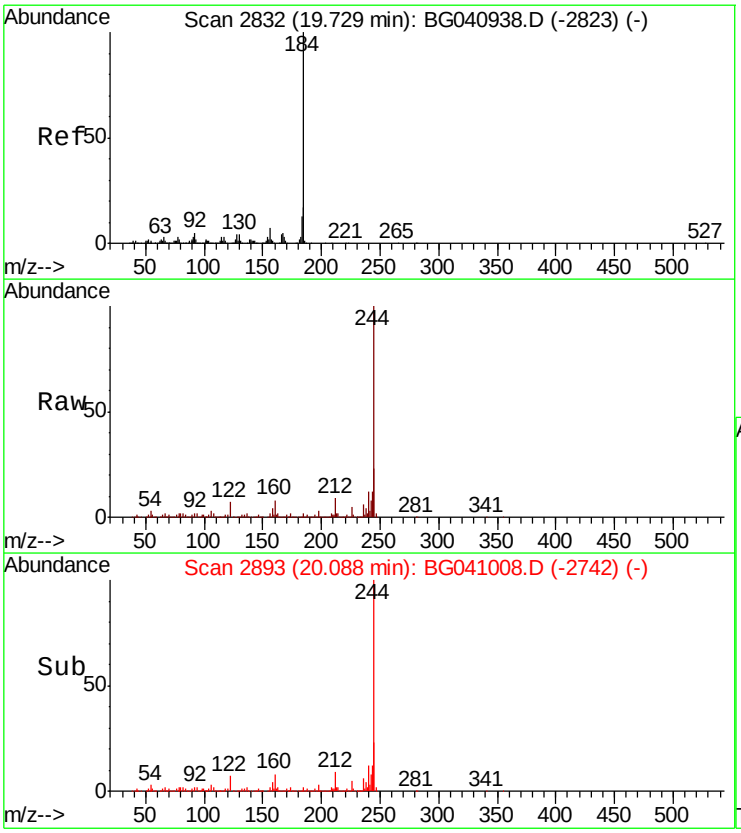
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:240 Resp: 404651

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	26.5	21.3	31.9

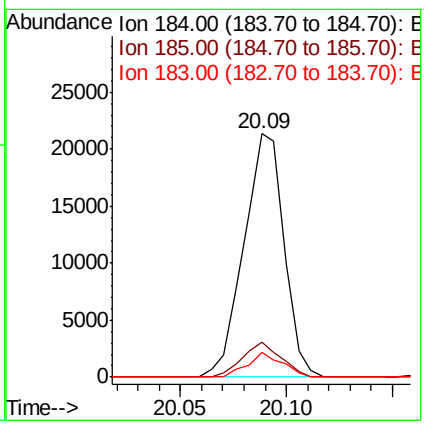


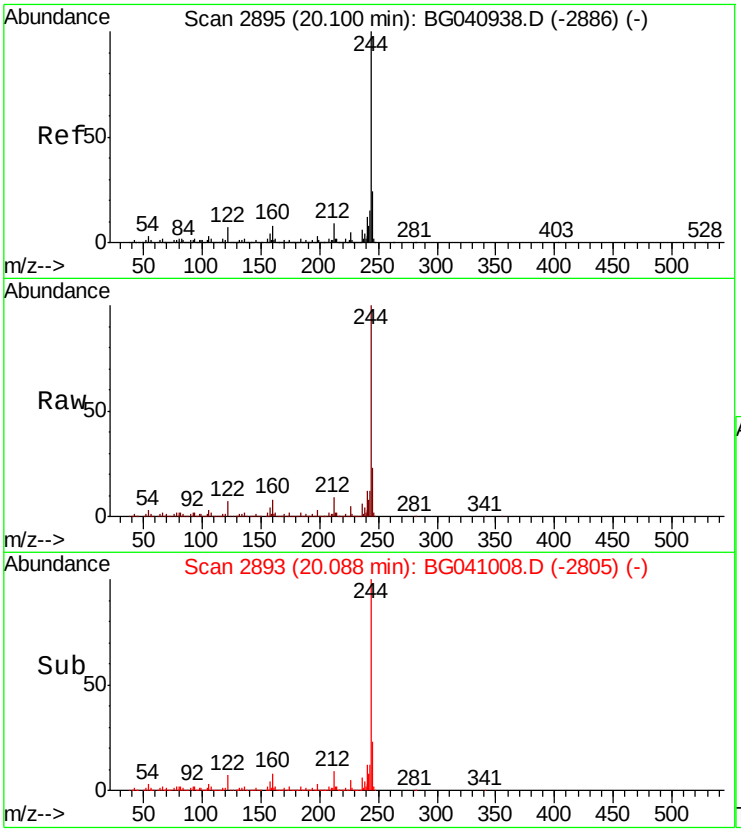


#77
Benzidine
Concen: 2.919 ng
RT: 20.09 min Scan# 2893
Delta R.T. 0.36 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion:184 Resp: 28177

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.3	19.9
183	10.1	10.7	16.1#



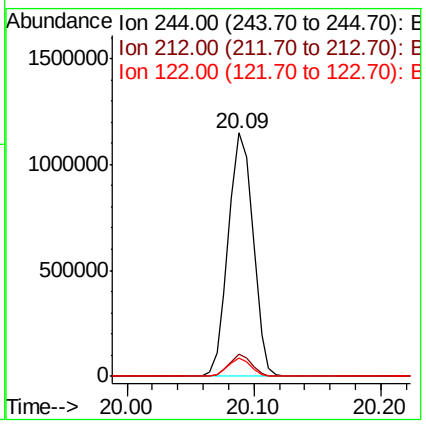


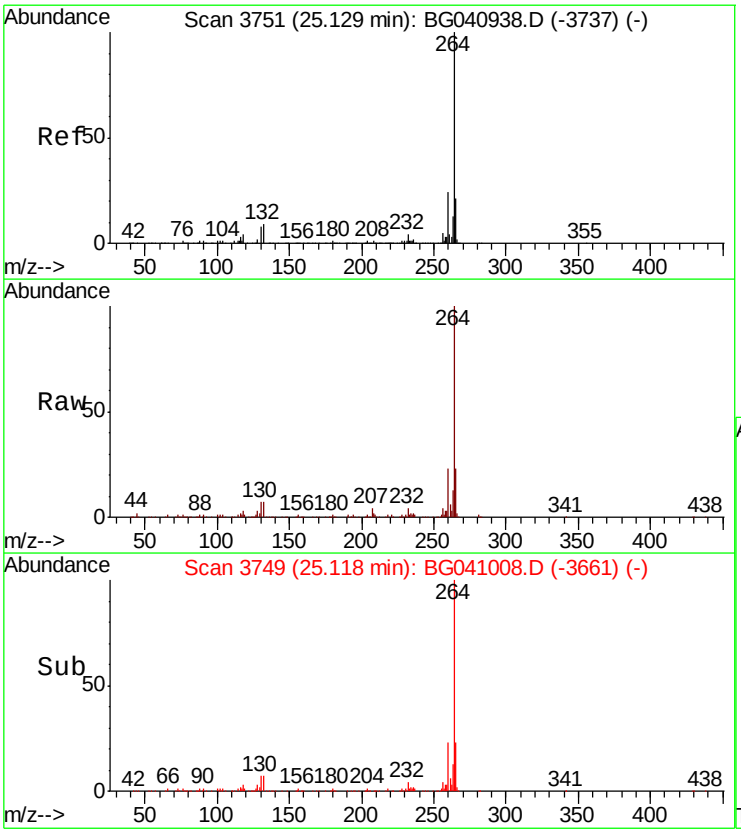
#79
Terphenyl-d14
Concen: 81.475 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB120099BL

Tgt Ion:244 Resp: 1553419

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.4	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG041008.D
Acq: 1 Jun 2019 12:21

Tgt Ion:264 Resp: 418505

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	22.8	17.0	25.4