Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041167.D
Acq On : 10 Jun 2019 17:38
Operator : HP/JU
Sample : K3214-04RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Time: Jun 11 03:49:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46123	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	190188	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	140073	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	336420	20.00	ng	0.00
76) Chrysene-d12	21.76	240	327240	20.00	ng	0.00
87) Perylene-d12	25.09	264	319367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.25	99	263	0.07	ng	0.00
23) Nitrobenzene-d5	9.28	82	387736	90.51	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.36	172	925206	95.12	ng	0.00
79) Terphenyl-d14	20.08	244	1518228	98.47	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	56658	18.638	ng	# 77
32) Benzoic acid	10.18	122	76	8.157	ng	# 37
57) 2,4-Dinitrotoluene	14.74	165	18509	5.125	ng	# 21
65) 4,6-Dinitro-2-methylphenol	15.99	198	69	8.621	ng	# 1
77) Benzidine	20.08	184	26036	3.335	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
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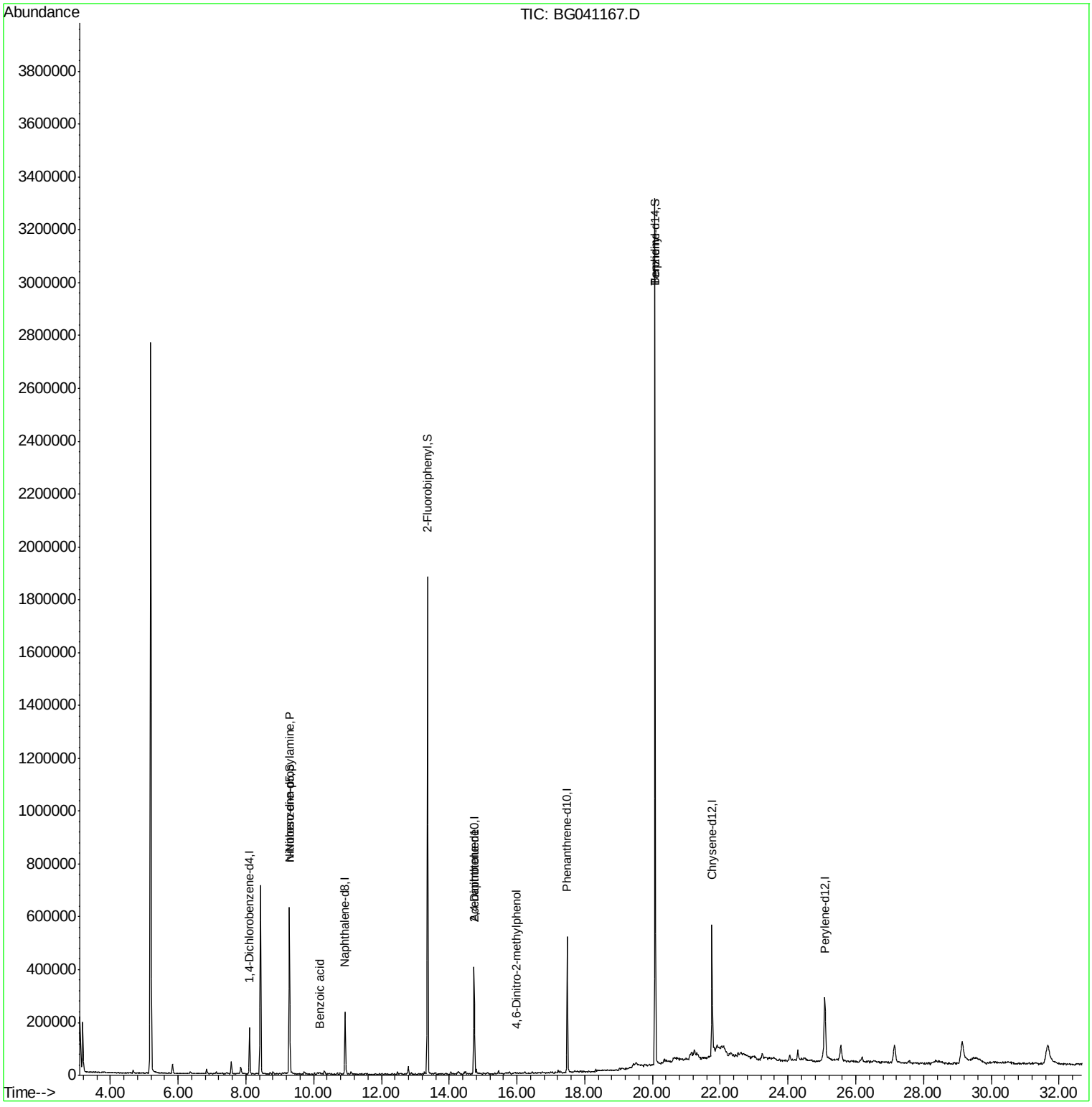
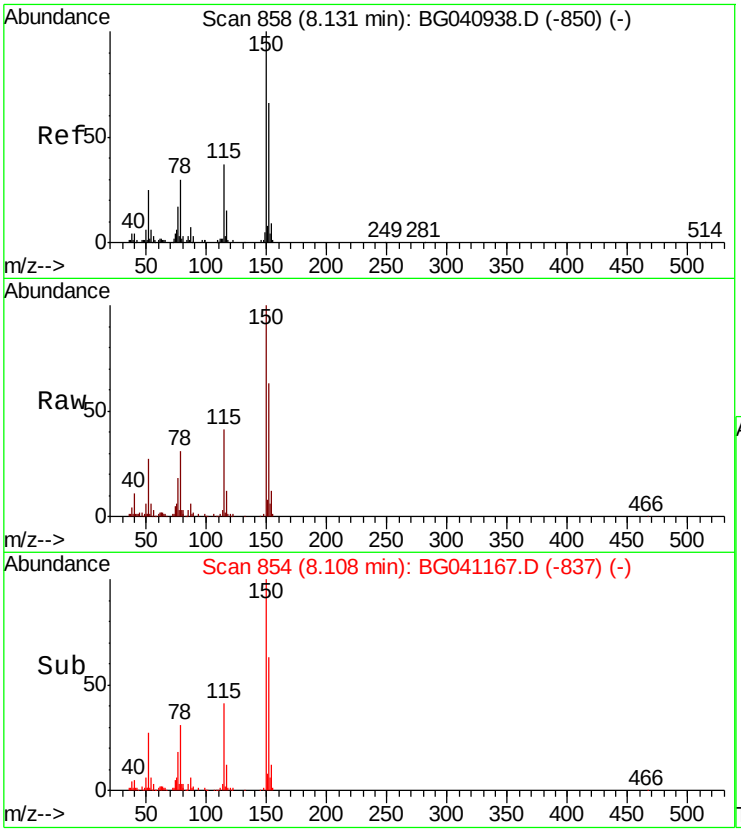


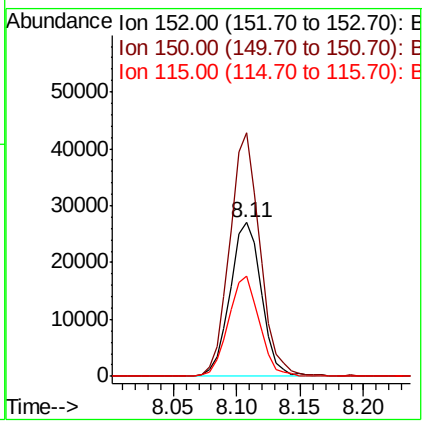


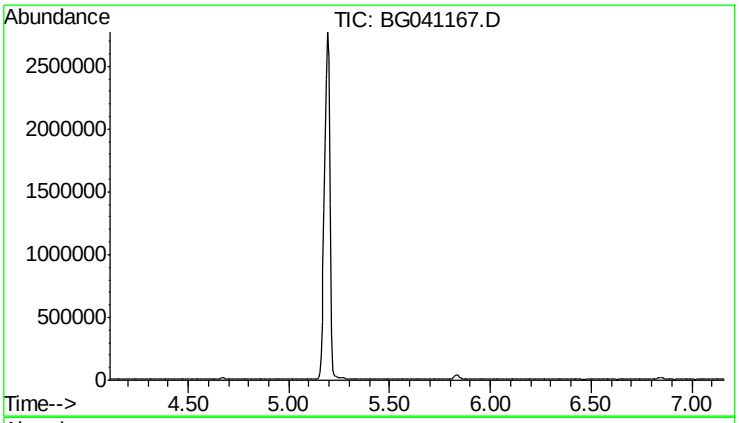
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion:152 Resp: 46123

Ion	Ratio	Lower	Upper
152	100		
150	158.6	120.6	180.8
115	65.0	45.1	67.7



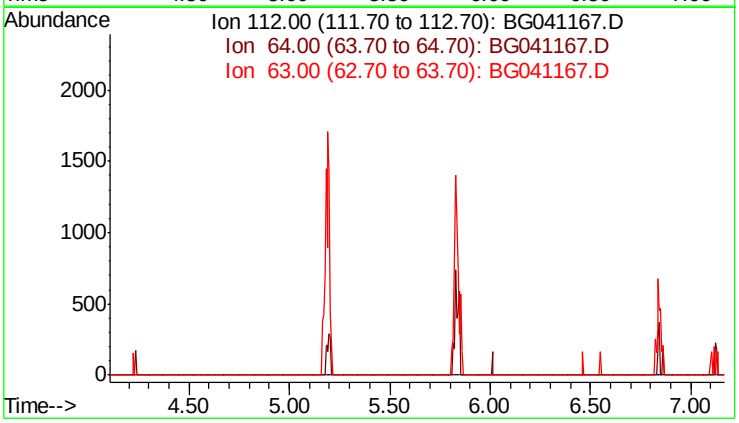


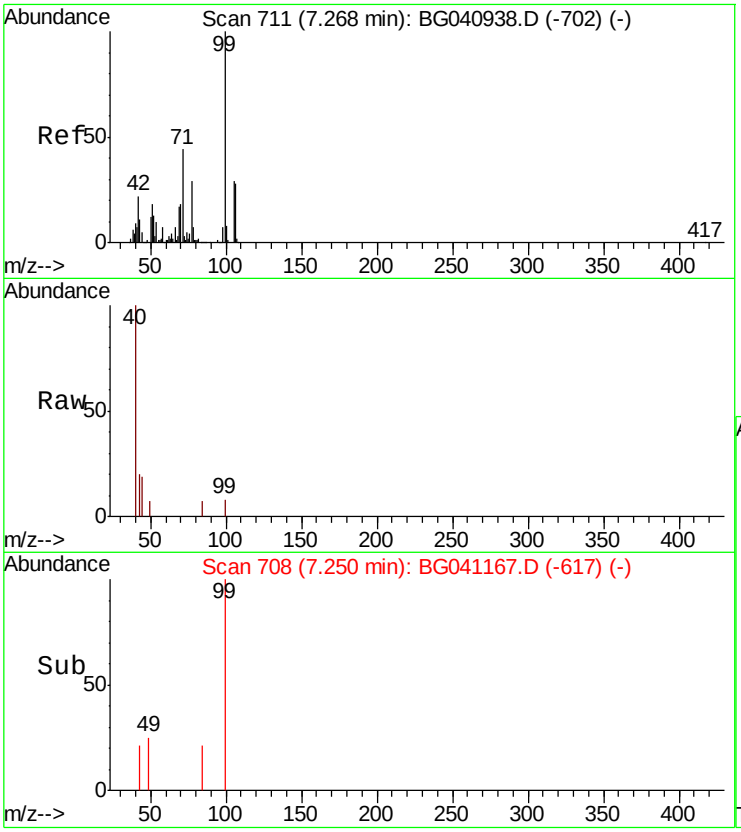
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.64 min

Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	70.2
63	41.0



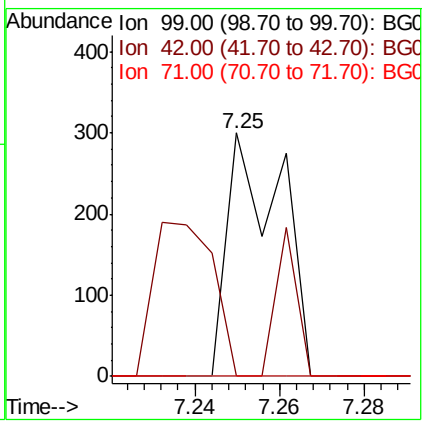


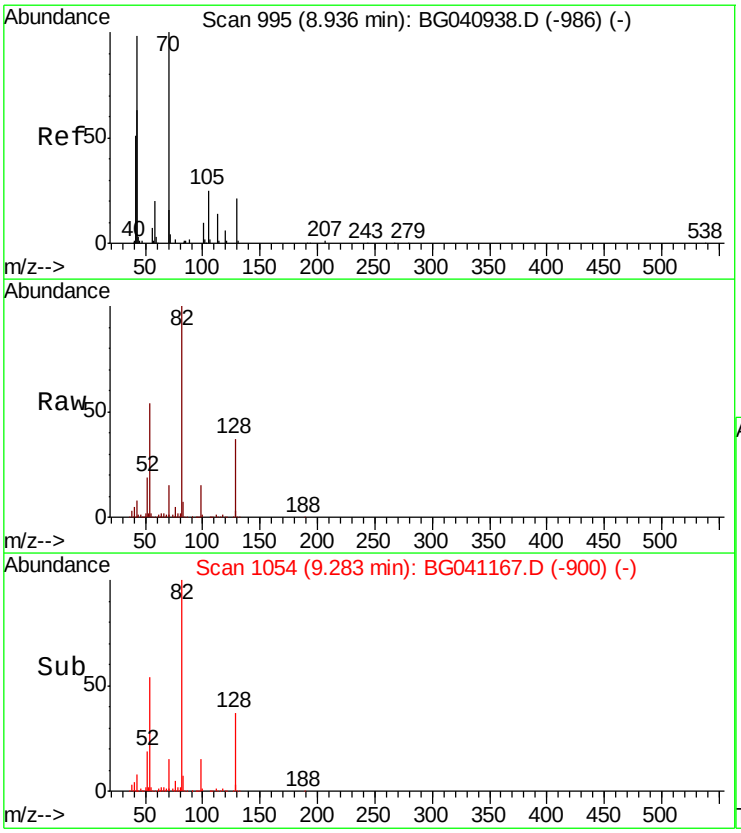
#7
Phenol-d6
Concen: 0.067 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion: 99 Resp: 263

Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.9	26.9#
71	0.0	35.4	53.0#

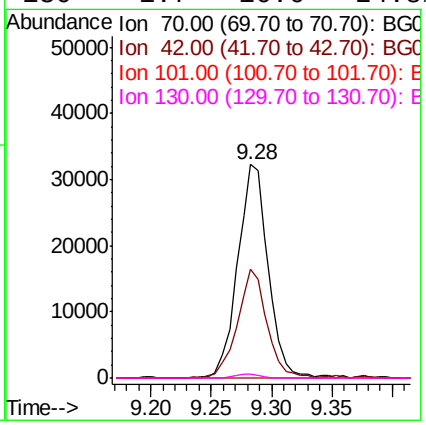


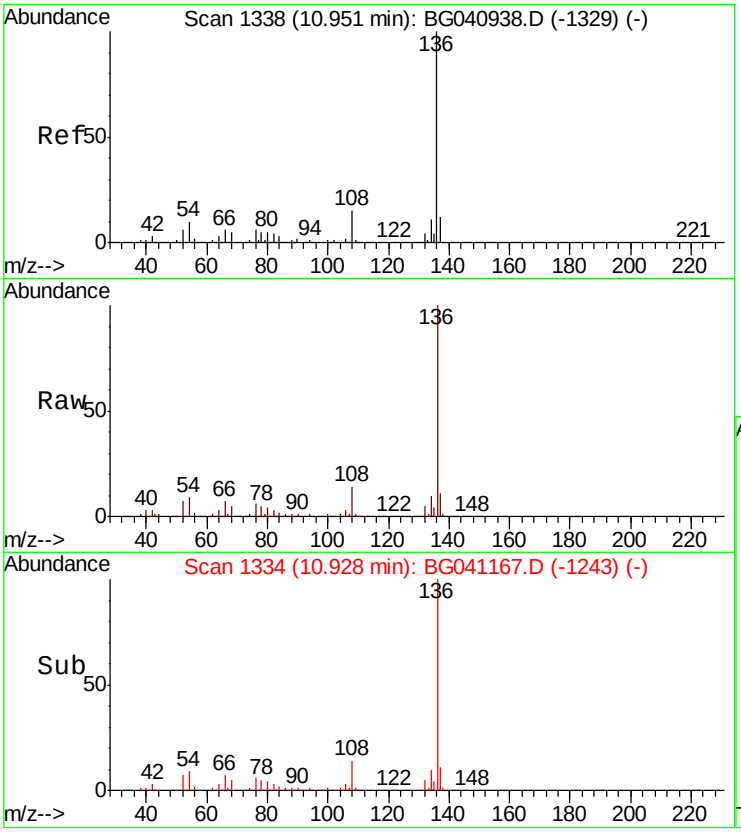


#19
n-Nitroso-di-n-propylamine
Concen: 18.638 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion: 70 Resp: 56658

Ion	Ratio	Lower	Upper
70	100		
42	51.0	51.5	77.3#
101	0.0	8.1	12.1#
130	1.7	16.6	24.8#



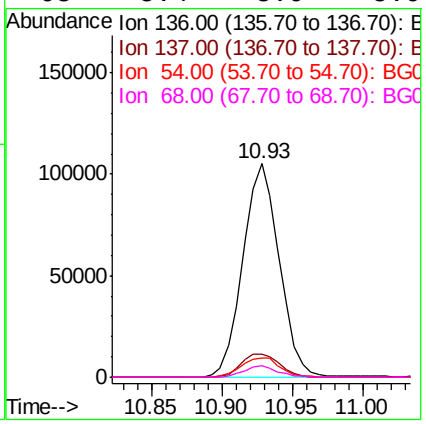


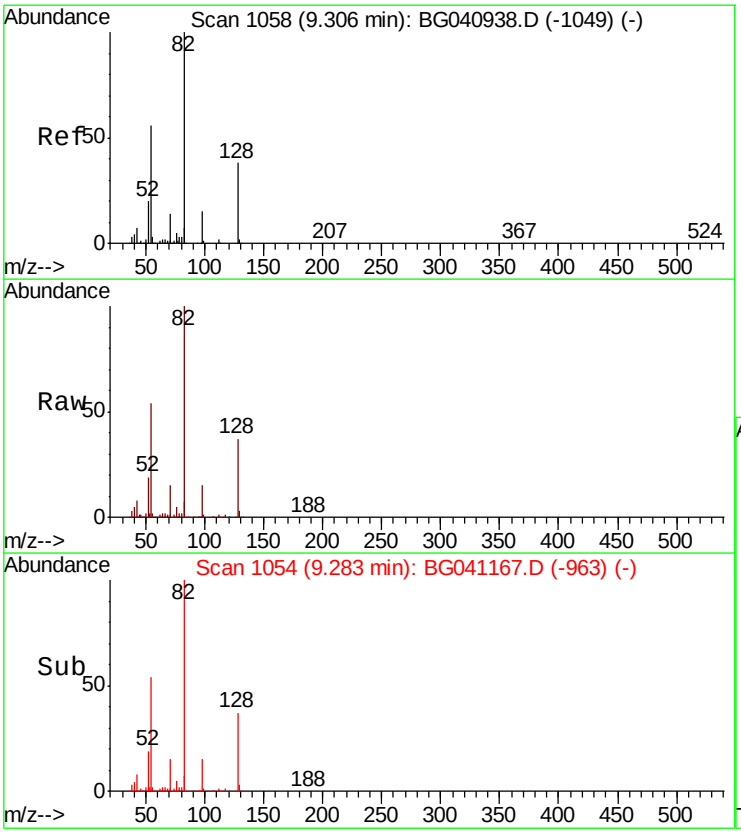
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion:136 Resp: 190188

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	9.3	7.6	11.4
68	5.4	3.9	5.9

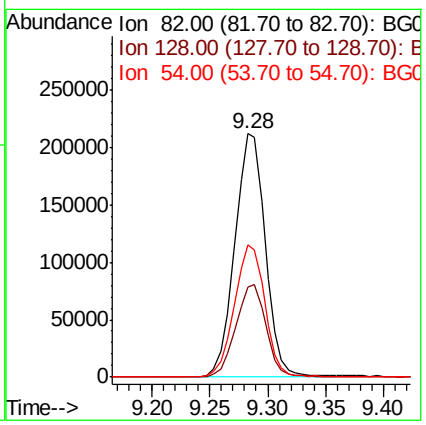


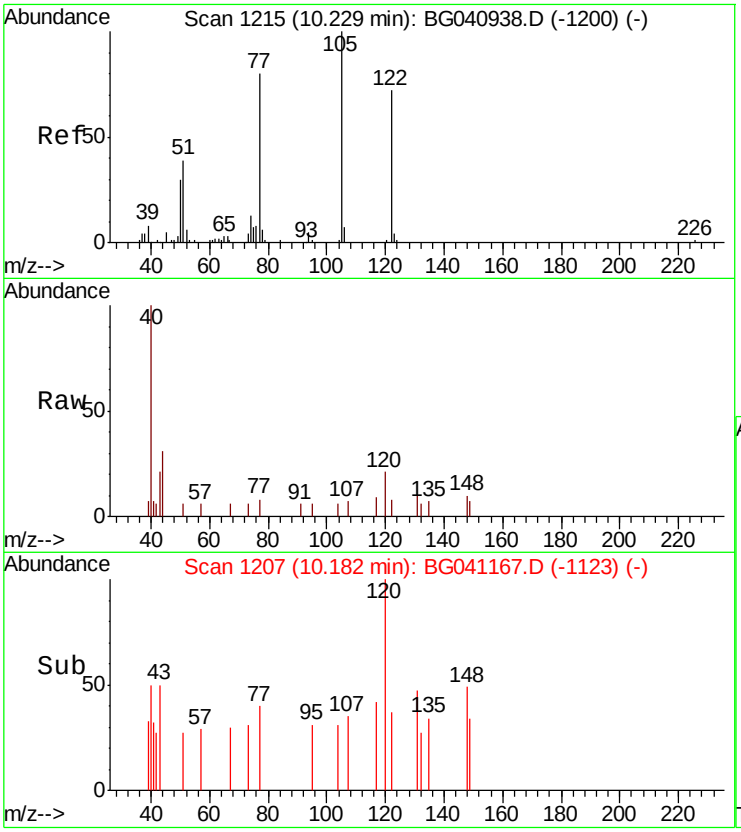


#23
Nitrobenzene-d5
Concen: 90.505 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion: 82 Resp: 387736

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.5	45.7
54	54.3	44.6	66.8



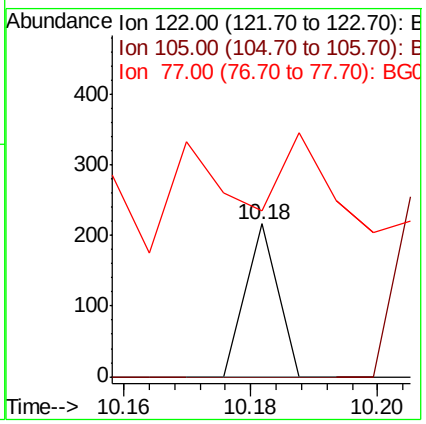


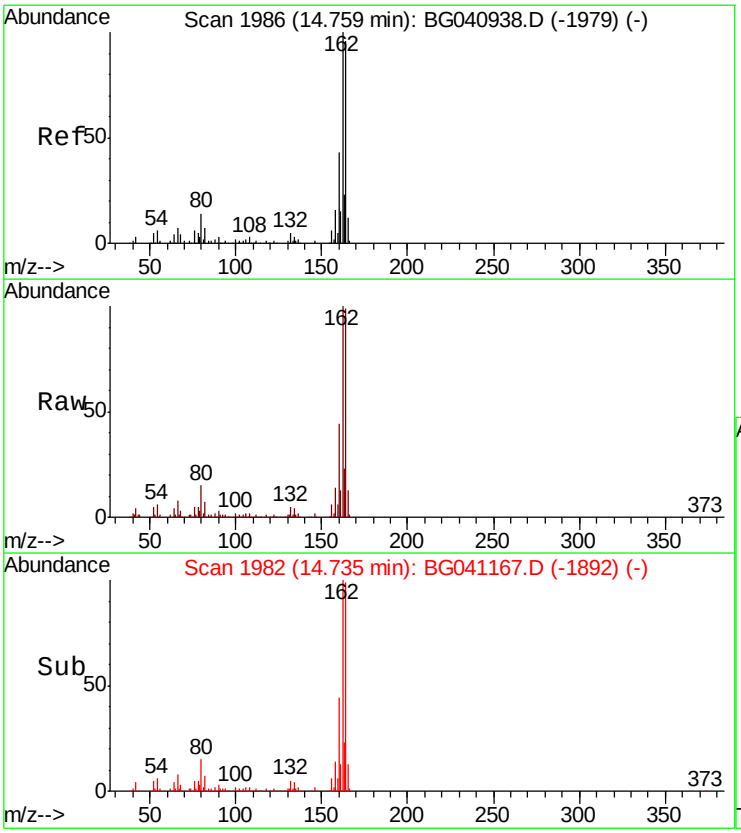
#32
Benzoic acid
Concen: 8.157 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion:122 Resp: 76

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	108.3	89.9	129.9

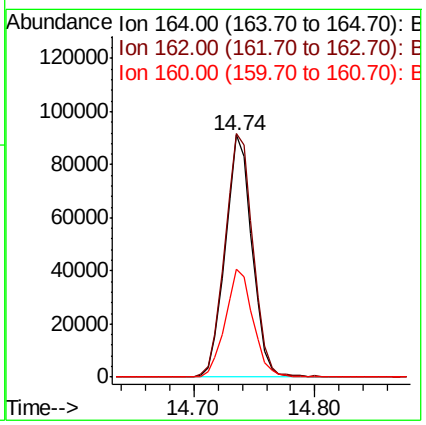


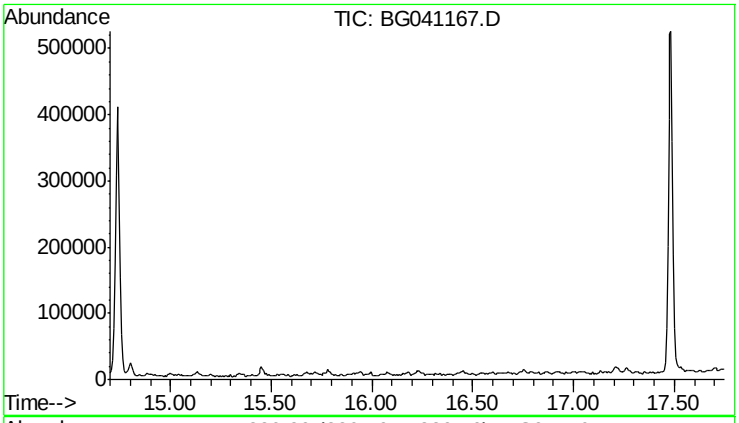


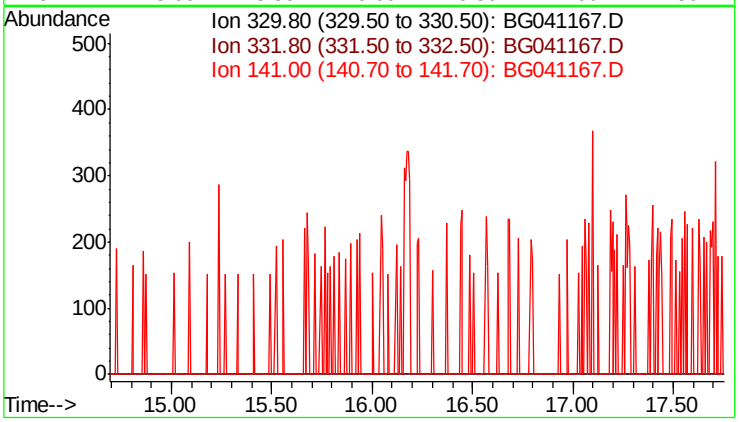
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion:164 Resp: 140073

Ion	Ratio	Lower	Upper
164	100		
162	100.6	83.0	124.4
160	44.8	35.6	53.4







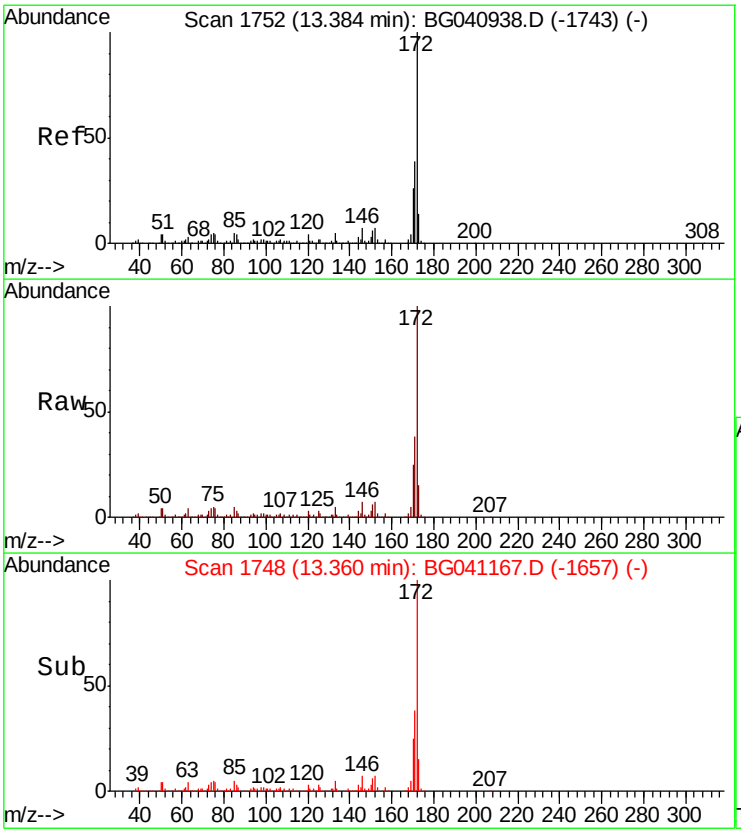
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.22 min

Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	98.1
141	35.9

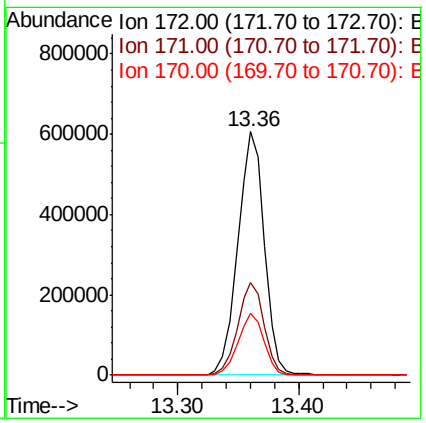
Instrument :
BNA_G
ClientSampleId :
MW-5A

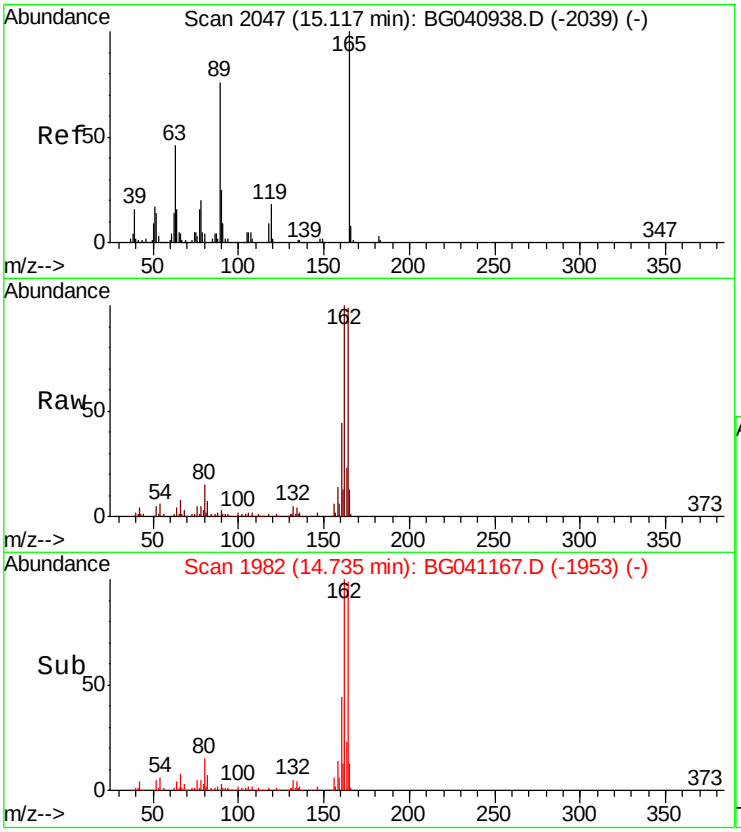


#45
2-Fluorobiphenyl
Concen: 95.122 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion:172 Resp: 925206

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.1	46.7
170	25.4	20.5	30.7



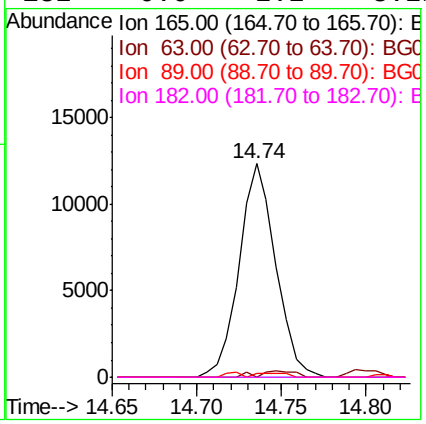


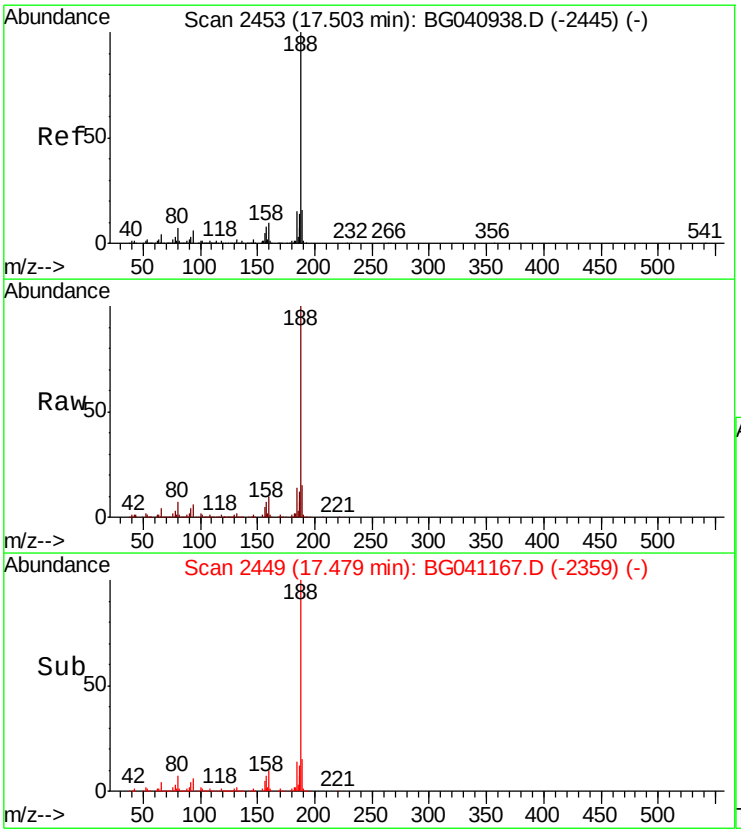
#57
2,4-Dinitrotoluene
Concen: 5.125 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion:165 Resp: 18509

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	1.8	61.0	91.6#
182	0.0	2.2	3.2#

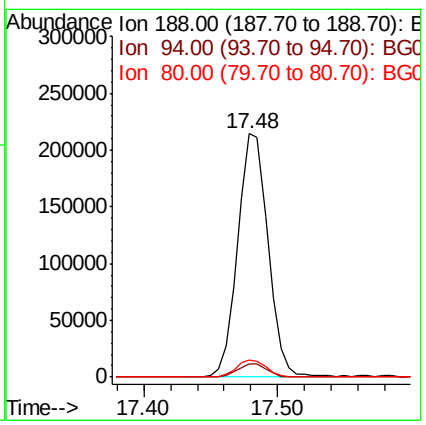


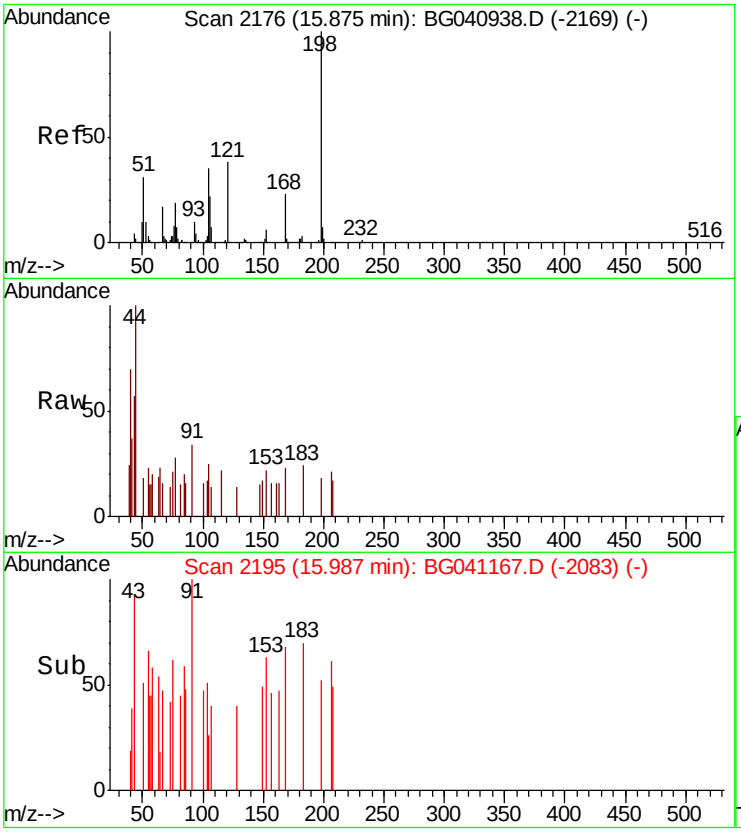


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion:188 Resp: 336420

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	7.0	5.8	8.8



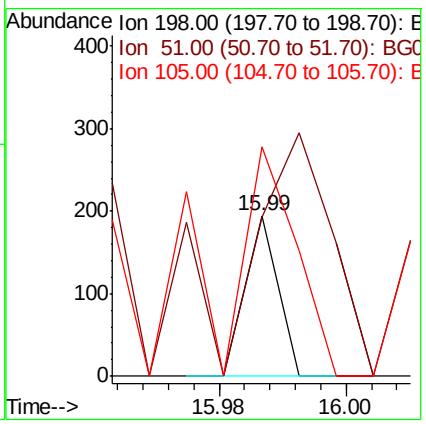


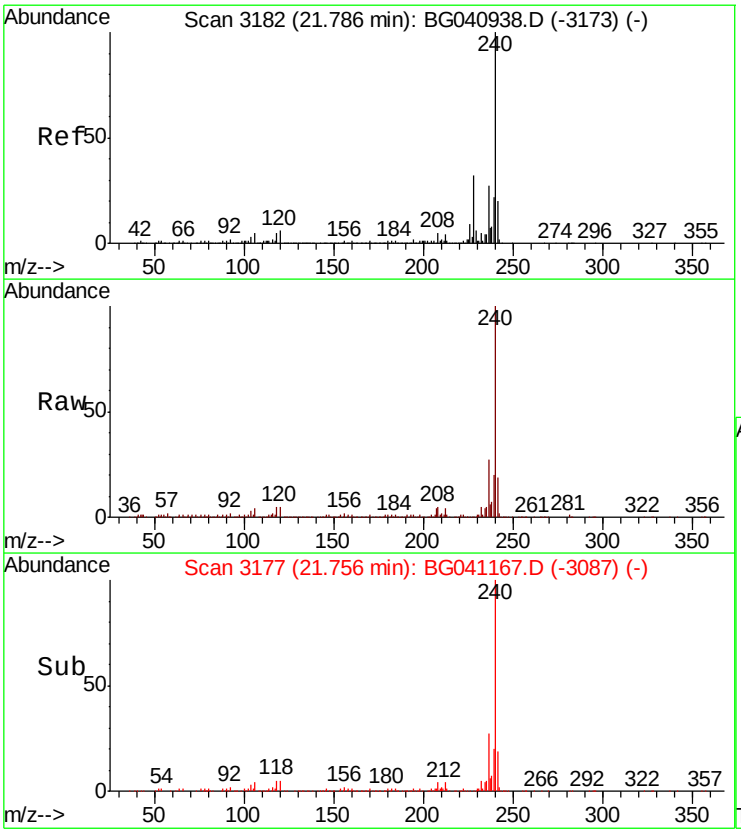
#65
4,6-Dinitro-2-methylphenol
Concen: 8.621 ng
RT: 15.99 min Scan# 2195
Delta R.T. 0.13 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion:198 Resp: 69

Ion	Ratio	Lower	Upper
198	100		
51	99.0	21.6	61.6#
105	142.6	17.5	57.5#

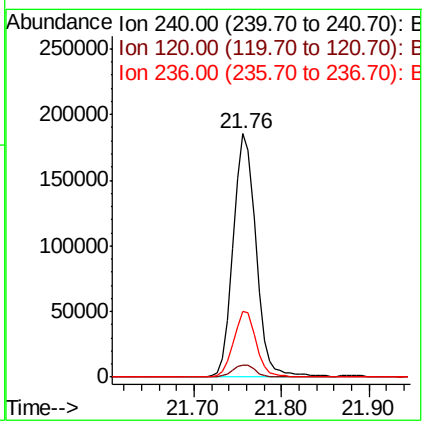


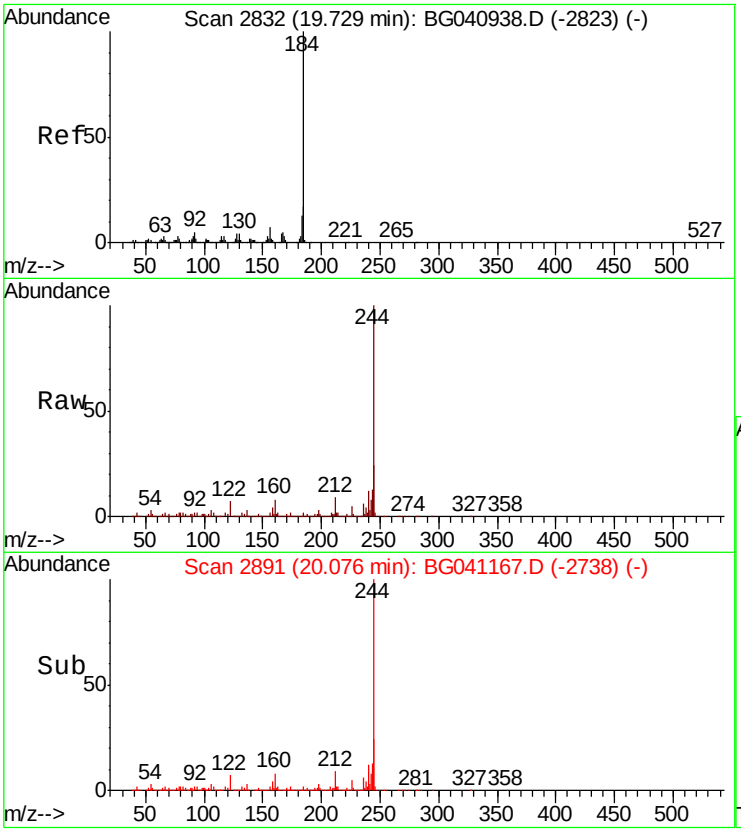


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion:240 Resp: 327240

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	26.8	21.3	31.9



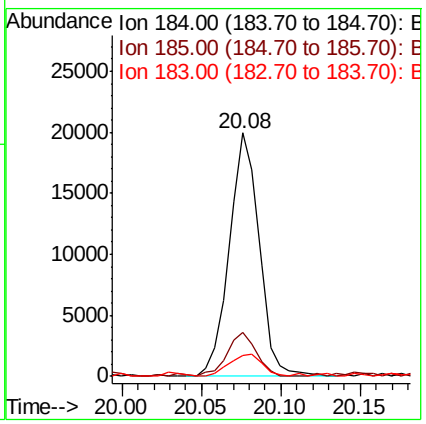


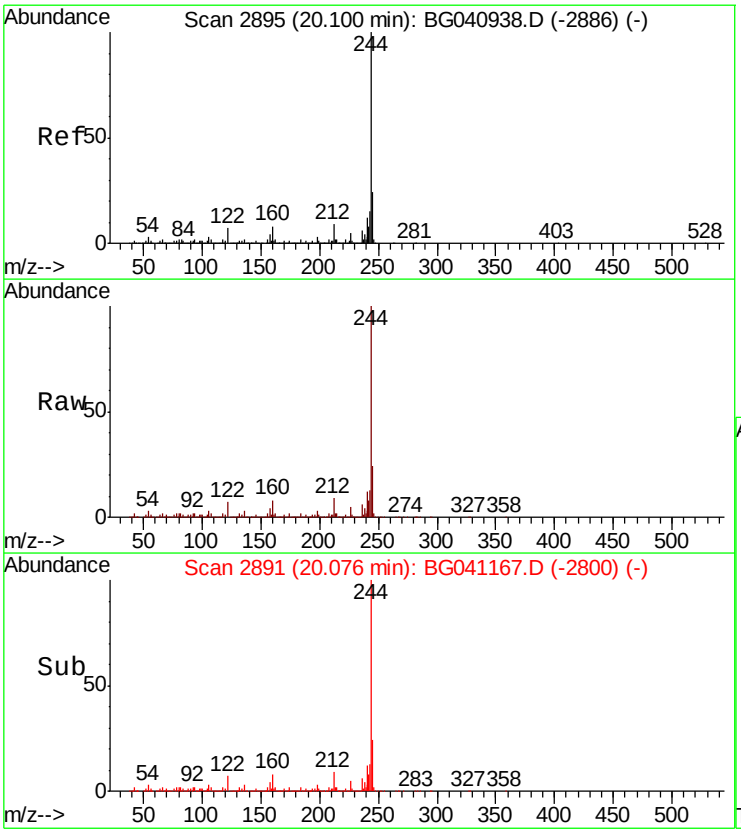
#77
Benzidine
Concen: 3.335 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion:184 Resp: 26036

Ion	Ratio	Lower	Upper
184	100		
185	18.0	13.3	19.9
183	8.6	10.7	16.1#

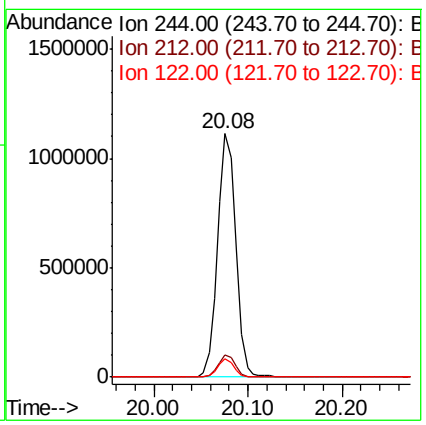


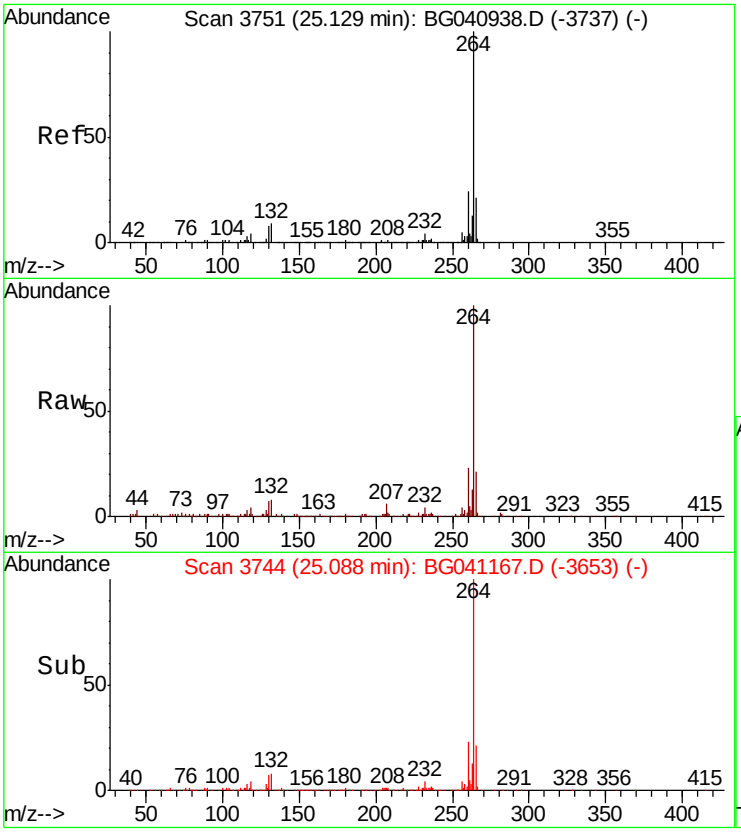


#79
Terphenyl-d14
Concen: 98.466 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Tgt Ion:244 Resp: 1518228

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	7.5	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041167.D
Acq: 10 Jun 2019 17:38

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tgt Ion:264 Resp: 319367

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	21.4	17.0	25.4