Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
Data File : BG041214.D
Acq On : 12 Jun 2019 20:07
Operator : HP/JU
Sample : K3265-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01

Quant Time: Jun 13 05:37:52 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	8.10	152	40428	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	170402	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	127459	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	320739	20.00	ng		0.00
76) Chrysene-d12	21.75	240	309800	20.00	ng		0.00
87) Perylene-d12	25.08	264	291947	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	129972	57.97	ng		0.00
7) Phenol-d6	7.25	99	127438	36.80	ng		0.00
23) Nitrobenzene-d5	9.28	82	359122	93.56	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	176945	93.51	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	744847	84.16	ng		0.00
79) Terphenyl-d14	20.07	244	1315208	90.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	50743	19.043	ng	#	75
32) Benzoic acid	10.28	122	68	8.157	ng	#	1
51) 2,6-Dinitrotoluene	14.74	165	17110	7.355	ng	#	20
57) 2,4-Dinitrotoluene	14.74	165	17110	5.207	ng	#	22
65) 4,6-Dinitro-2-methylphenol	16.20	198	147	8.660	ng	#	36
67) 4-Bromophenyl-phenylether	16.22	248	13216	3.053	ng	#	1
70) Pentachlorophenol	17.12	266	54	4.277	ng	#	18
77) Benzidine	20.07	184	21996	2.976	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
Data File : BG041214.D
Acq On : 12 Jun 2019 20:07
Operator : HP/JU
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Misc :
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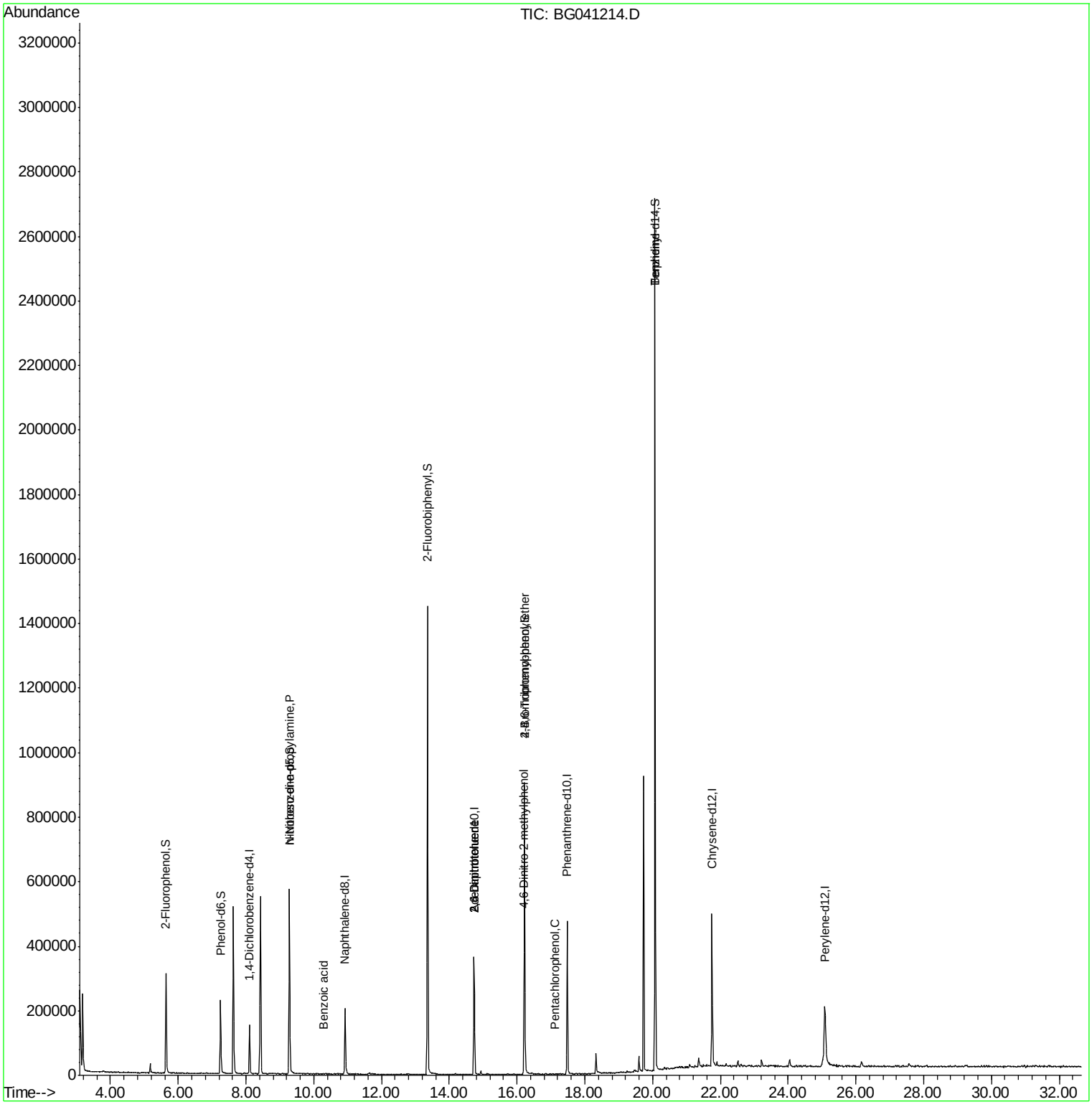
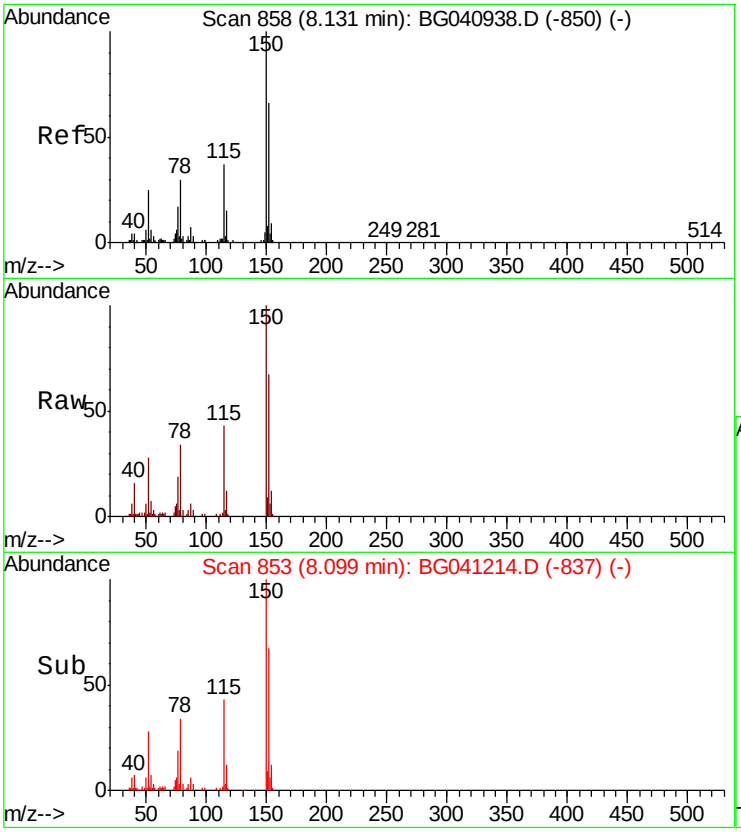
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration



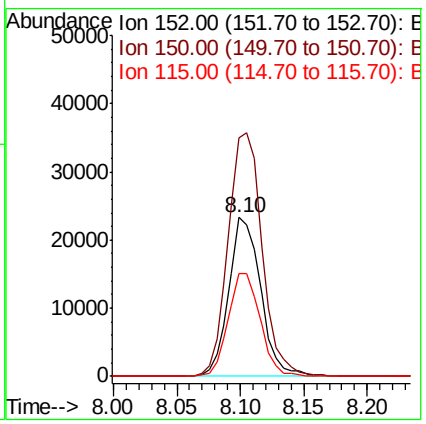


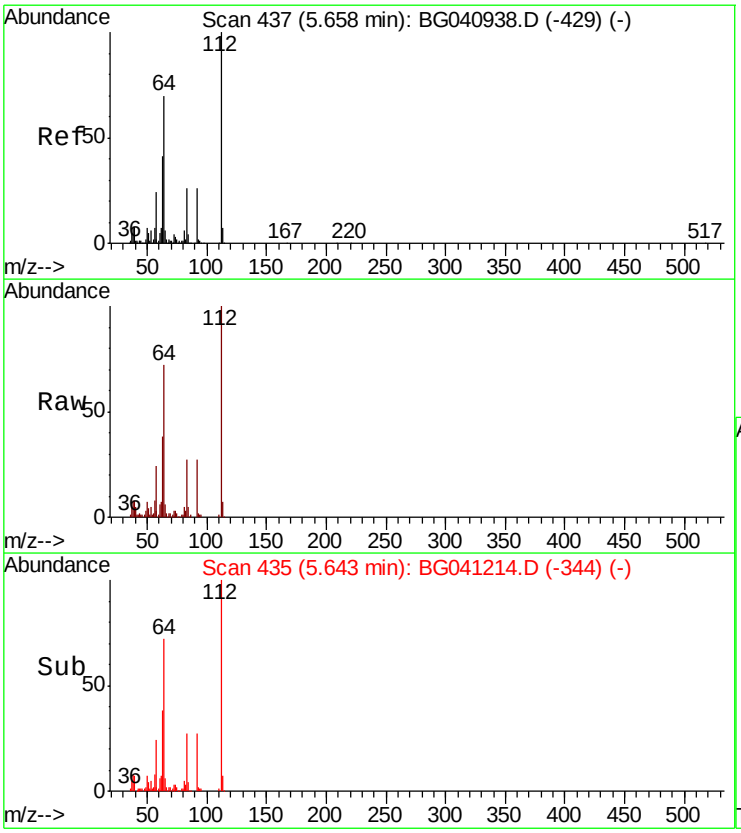
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 40428

Ion	Ratio	Lower	Upper
152	100		
150	150.1	120.6	180.8
115	64.9	45.1	67.7

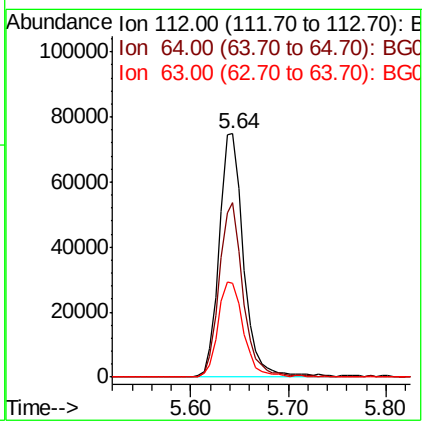


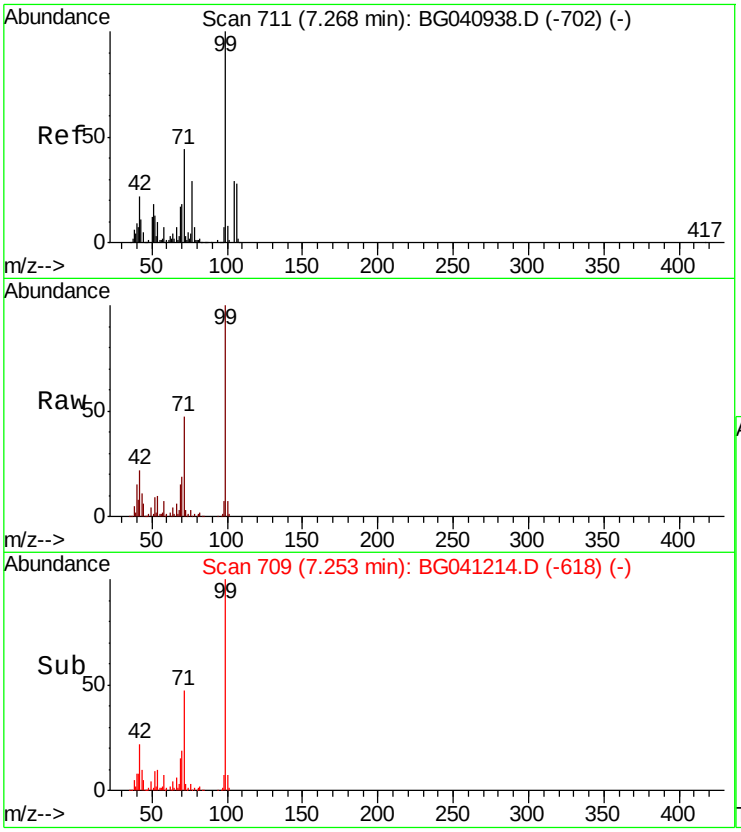


#5
2-Fluorophenol
Concen: 57.971 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:112 Resp: 129972

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.2	84.2
63	38.4	32.8	49.2



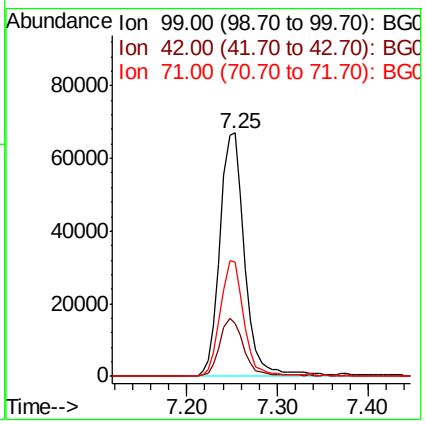


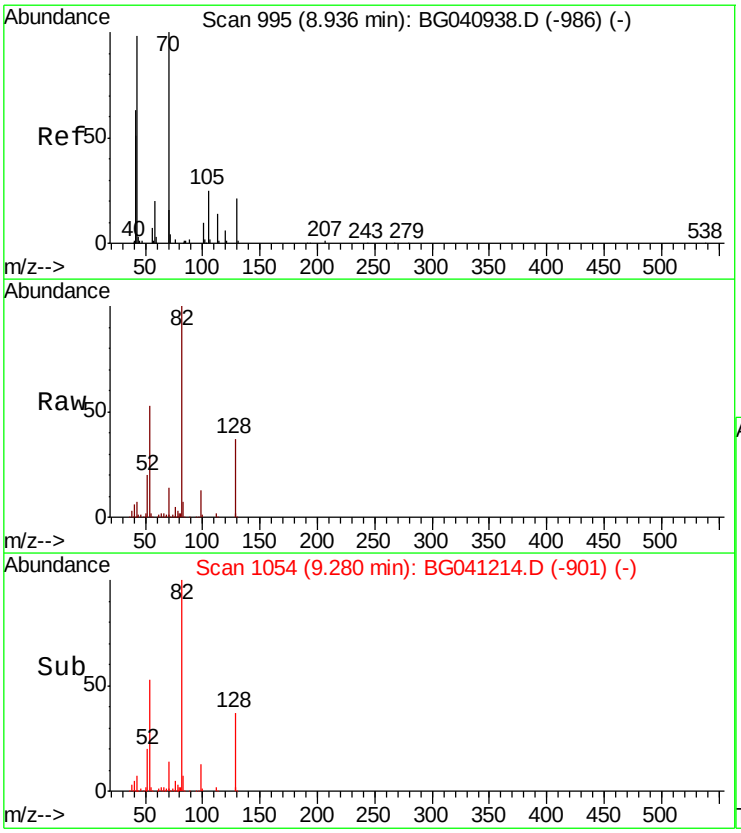
#7
Phenol-d6
Concen: 36.805 ng
RT: 7.25 min Scan# 709
Delta R.T. 0.01 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion: 99 Resp: 127438

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	46.8	35.4	53.0

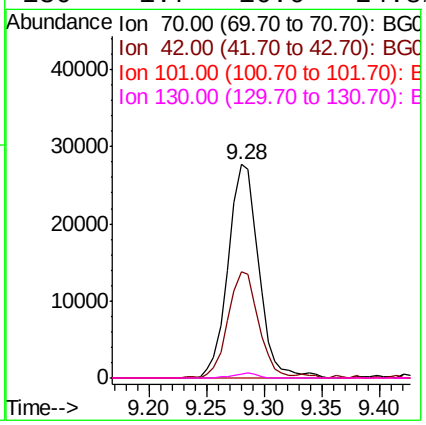


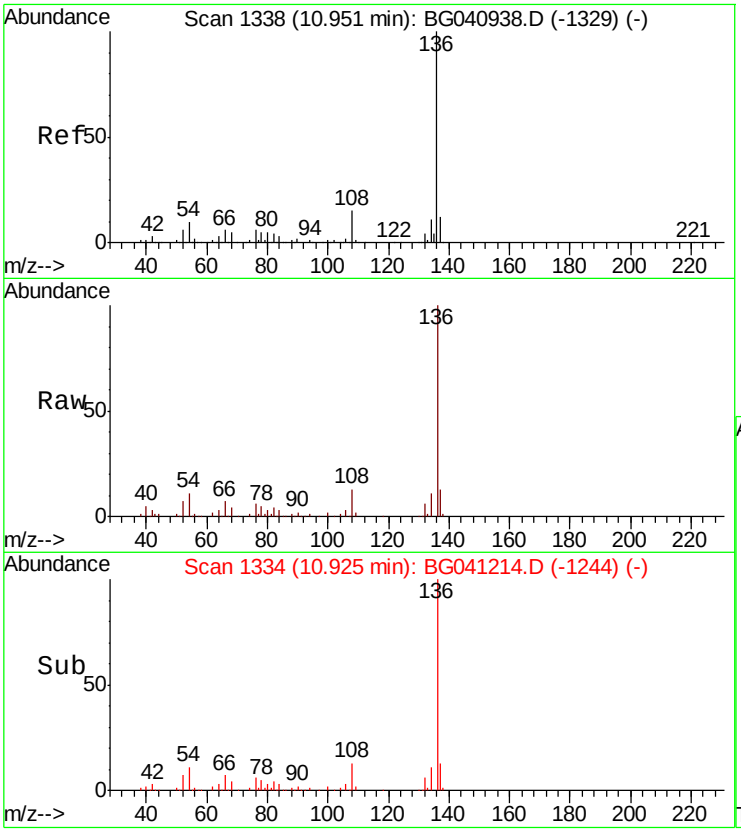


#19
n-Nitroso-di-n-propylamine
Concen: 19.043 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion: 70 Resp: 50743

Ion	Ratio	Lower	Upper
70	100		
42	49.5	51.5	77.3#
101	0.0	8.1	12.1#
130	1.7	16.6	24.8#



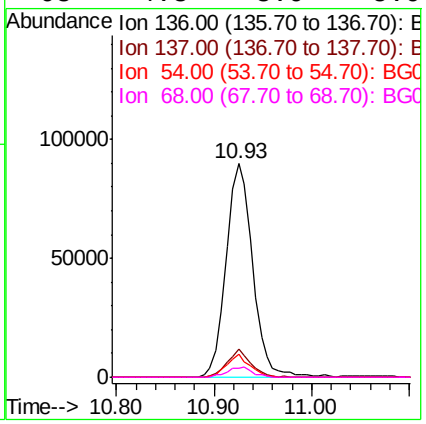


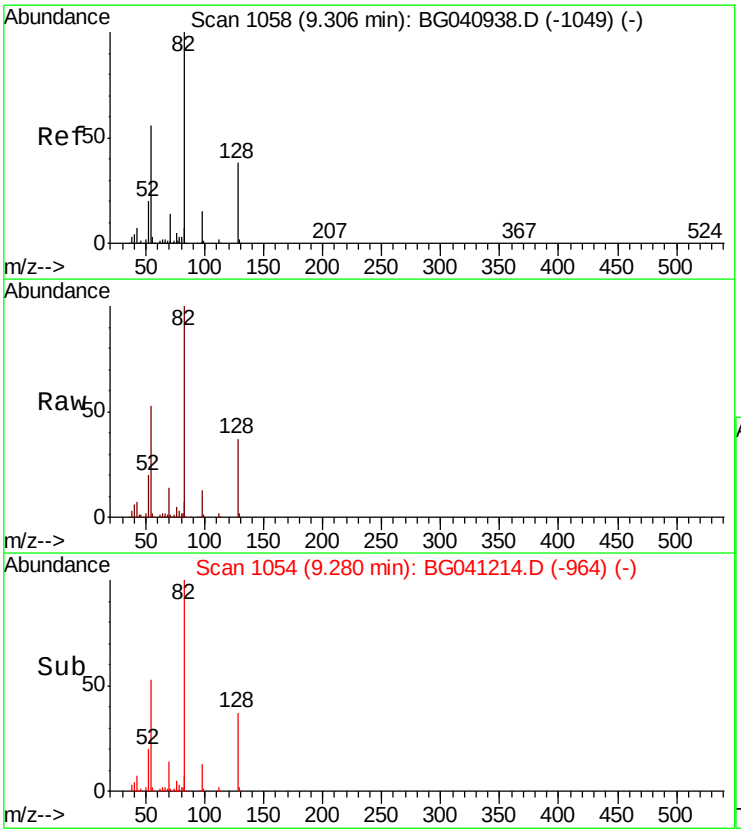
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:136 Resp: 170402

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.5	14.3
54	10.8	7.6	11.4
68	4.3	3.9	5.9

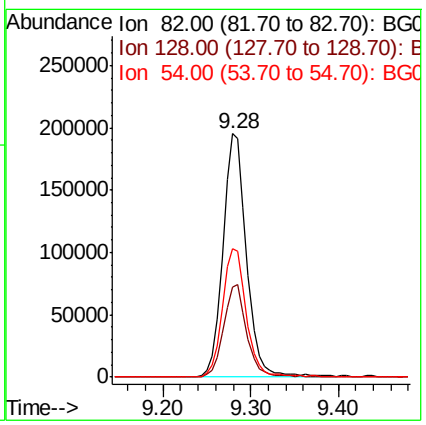


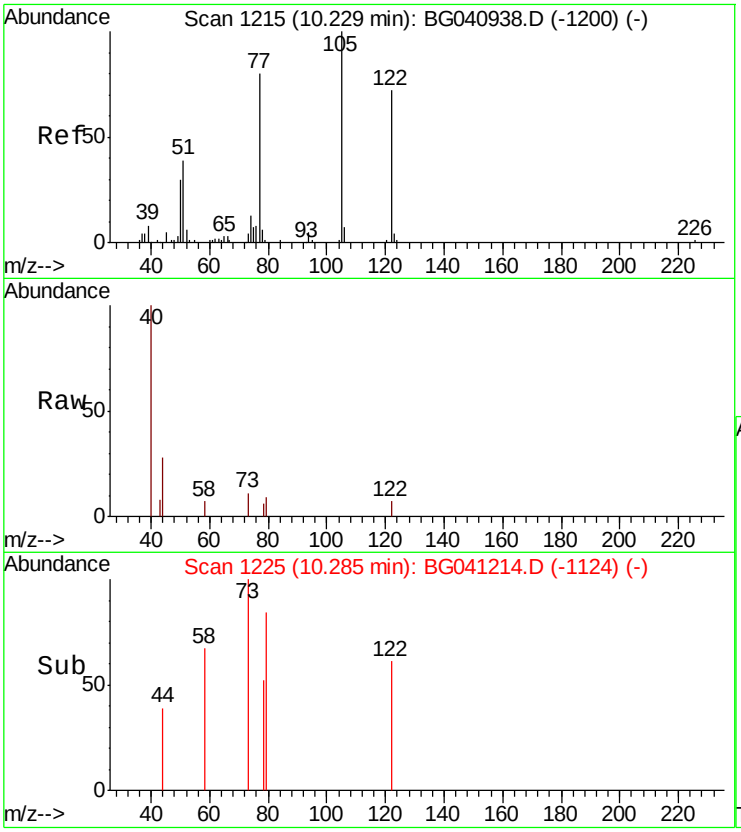


#23
Nitrobenzene-d5
Concen: 93.560 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion: 82 Resp: 359122

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.5	45.7
54	52.8	44.6	66.8



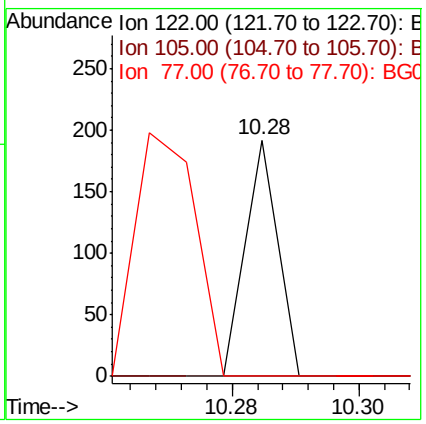


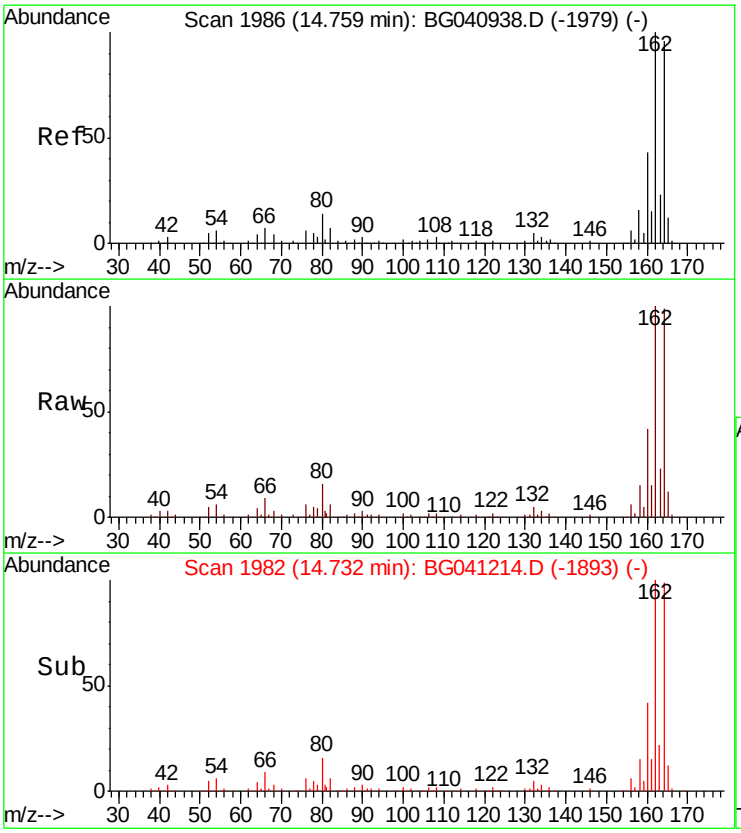
#32
Benzoic acid
Concen: 8.157 ng
RT: 10.28 min Scan# 1225
Delta R.T. 0.06 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:122 Resp: 68

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

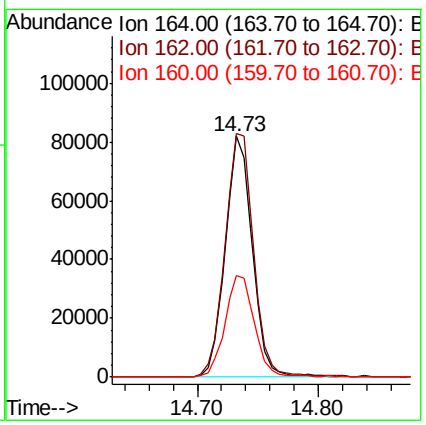


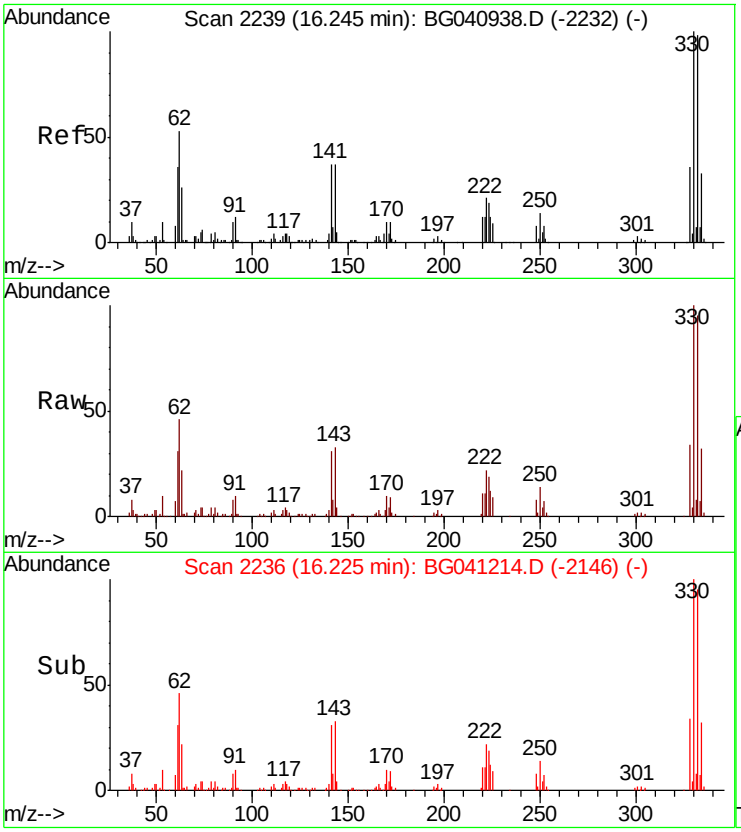


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:164 Resp: 127459

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.0	124.4
160	42.3	35.6	53.4



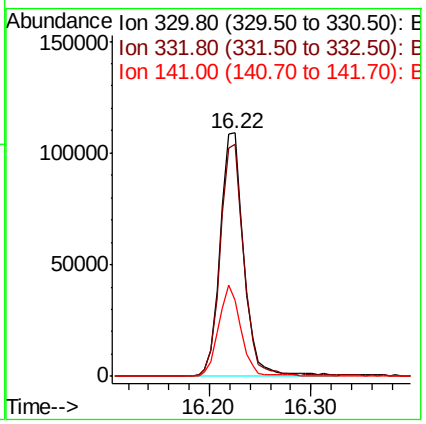


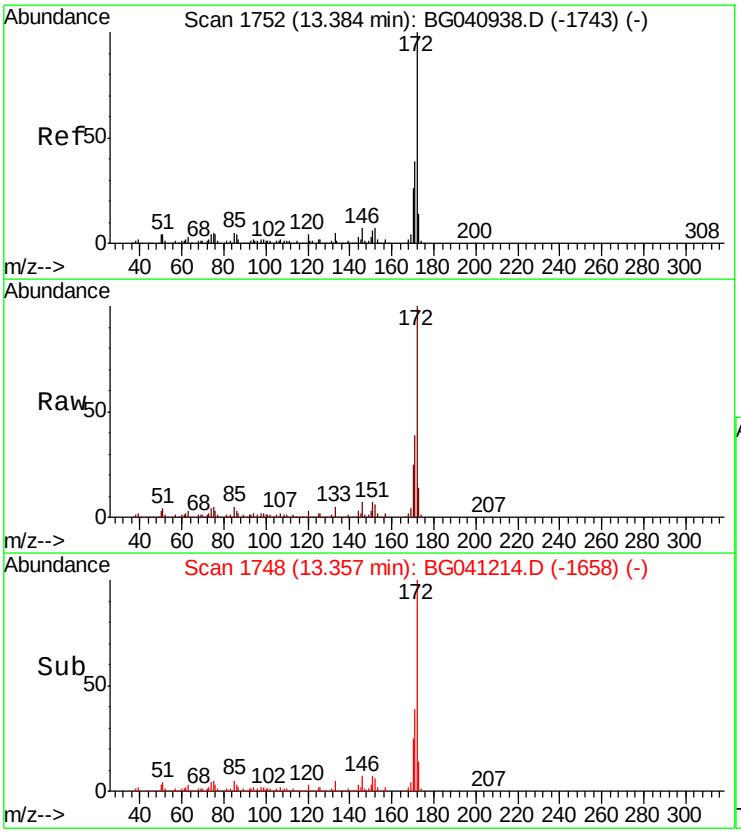
#42
2,4,6-Tribromophenol
Concen: 93.512 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:330 Resp: 176945

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.5	117.7
141	35.7	28.7	43.1

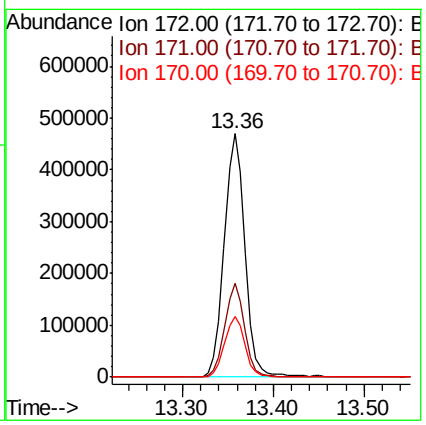


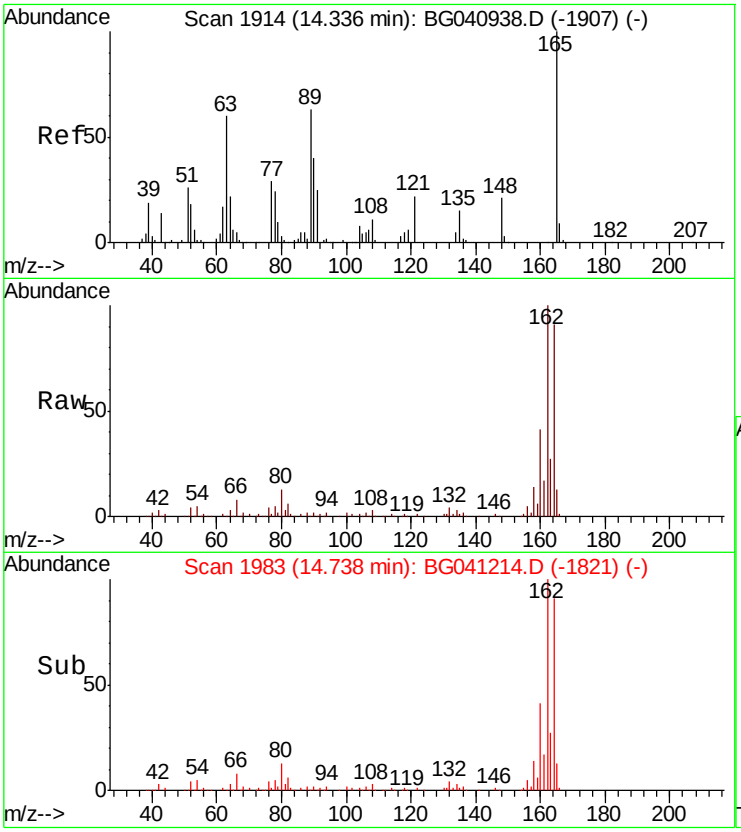


#45
2-Fluorobiphenyl
Concen: 84.157 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:172 Resp: 744847

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.1	46.7
170	24.8	20.5	30.7



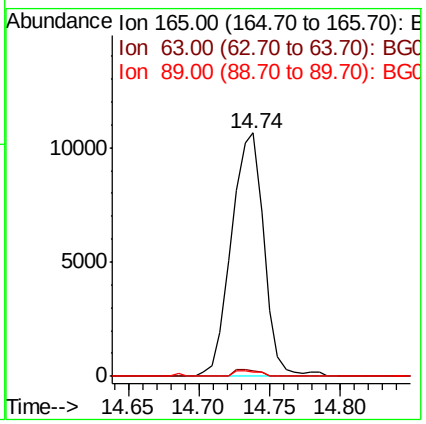


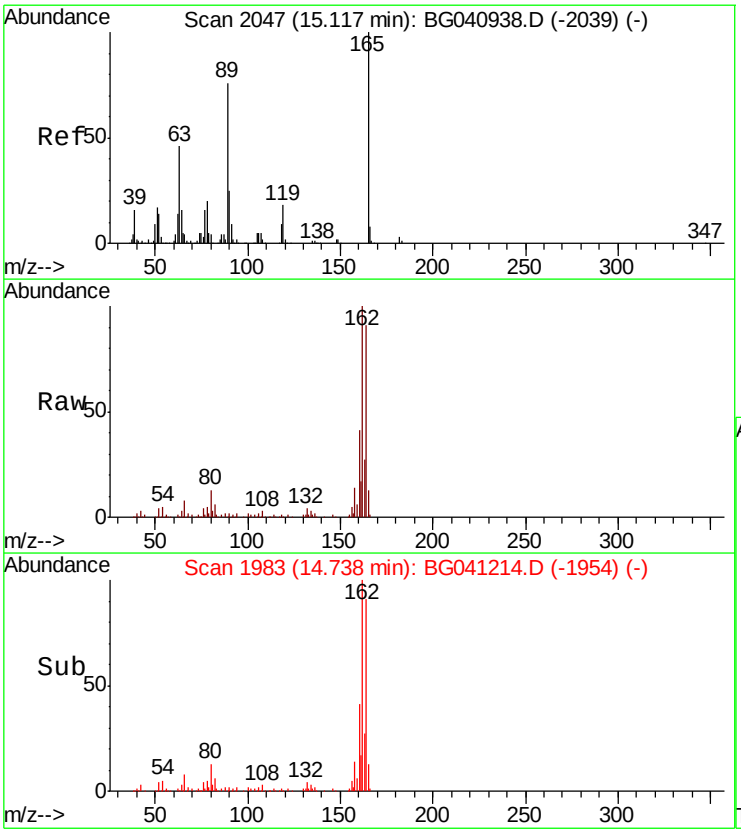
#51
2,6-Dinitrotoluene
Concen: 7.355 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.42 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:165 Resp: 17110

Ion	Ratio	Lower	Upper
165	100		
63	2.4	53.6	80.4#
89	1.6	50.4	75.6#

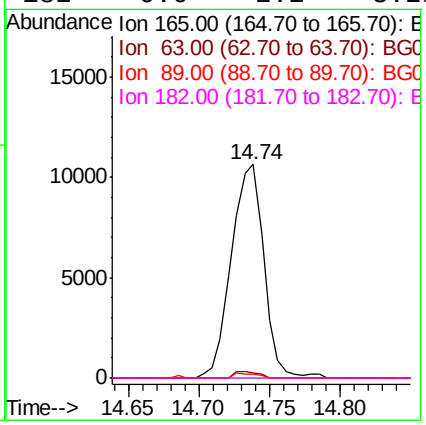


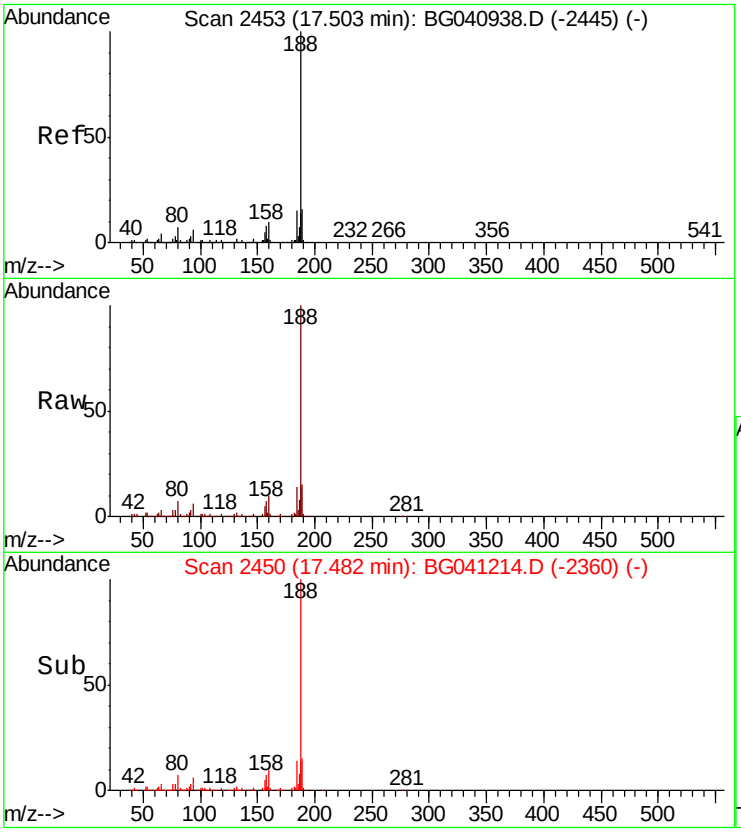


#57
2,4-Dinitrotoluene
Concen: 5.207 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.36 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:165 Resp: 17110

Ion	Ratio	Lower	Upper
165	100		
63	2.4	37.3	55.9#
89	1.6	61.0	91.6#
182	0.0	2.2	3.2#



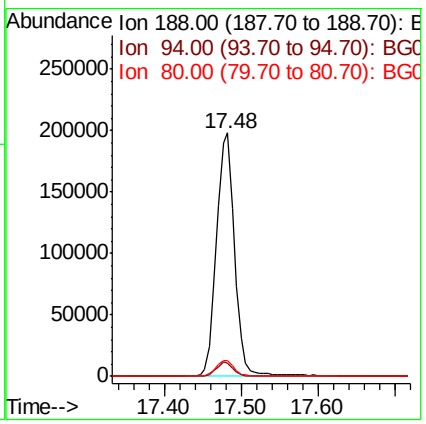


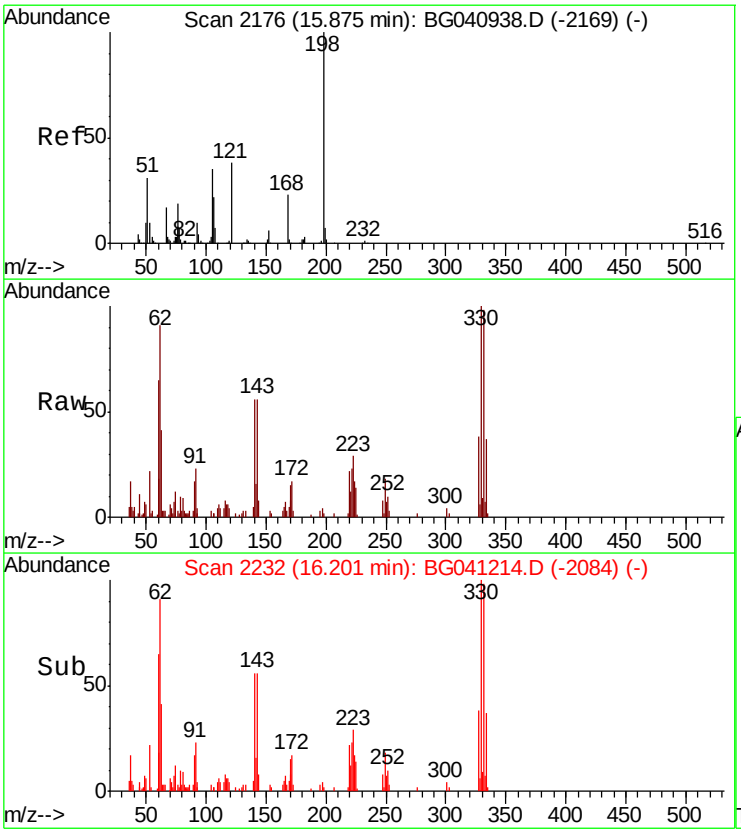
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 320739

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.6	5.8	8.8

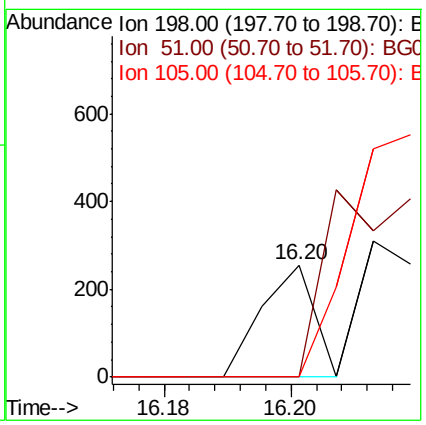


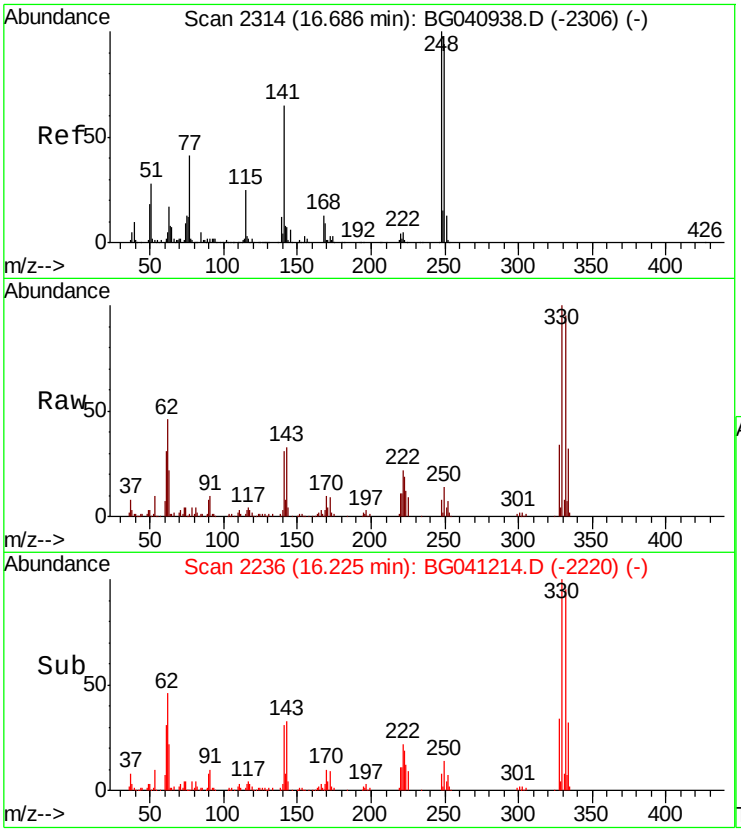


#65
4,6-Dinitro-2-methylphenol
Concen: 8.660 ng
RT: 16.20 min Scan# 2232
Delta R.T. 0.34 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:198 Resp: 147

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



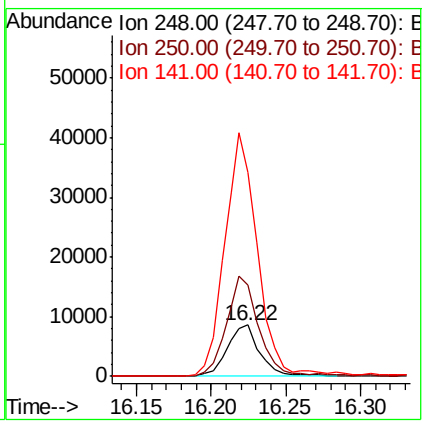


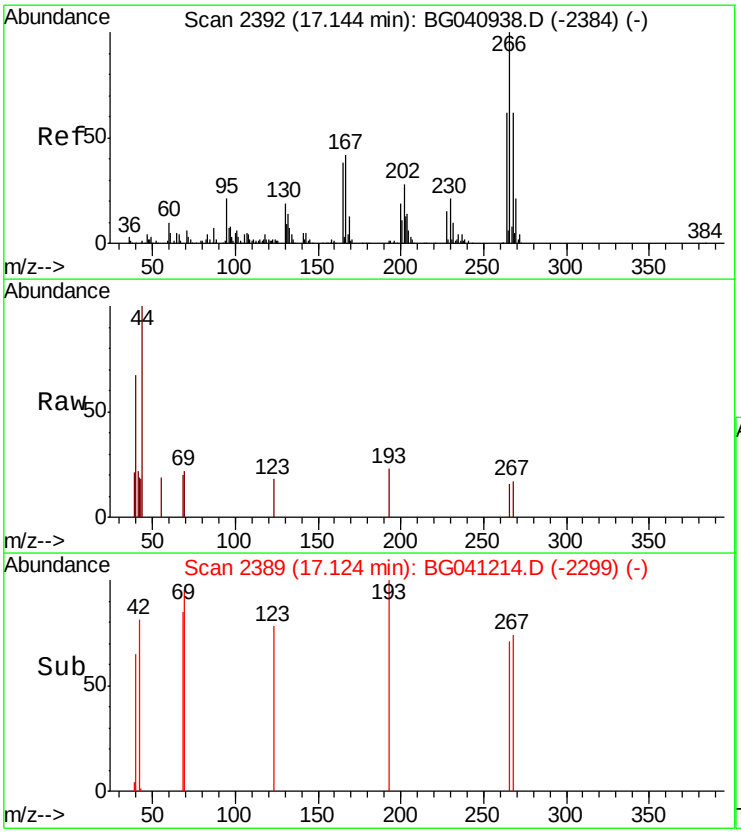
#67
4-Bromophenyl-phenylether
Concen: 3.053 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.43 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:248 Resp: 13216

Ion	Ratio	Lower	Upper
248	100		
250	142.6	75.0	112.4#
141	319.9	52.4	78.6#

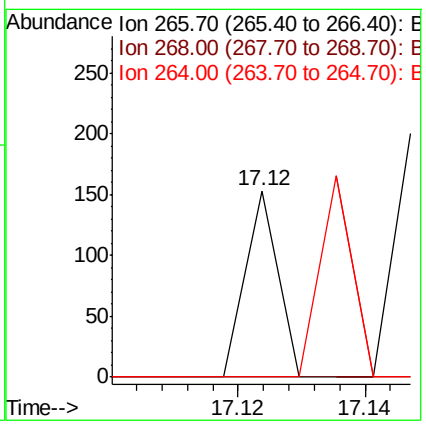


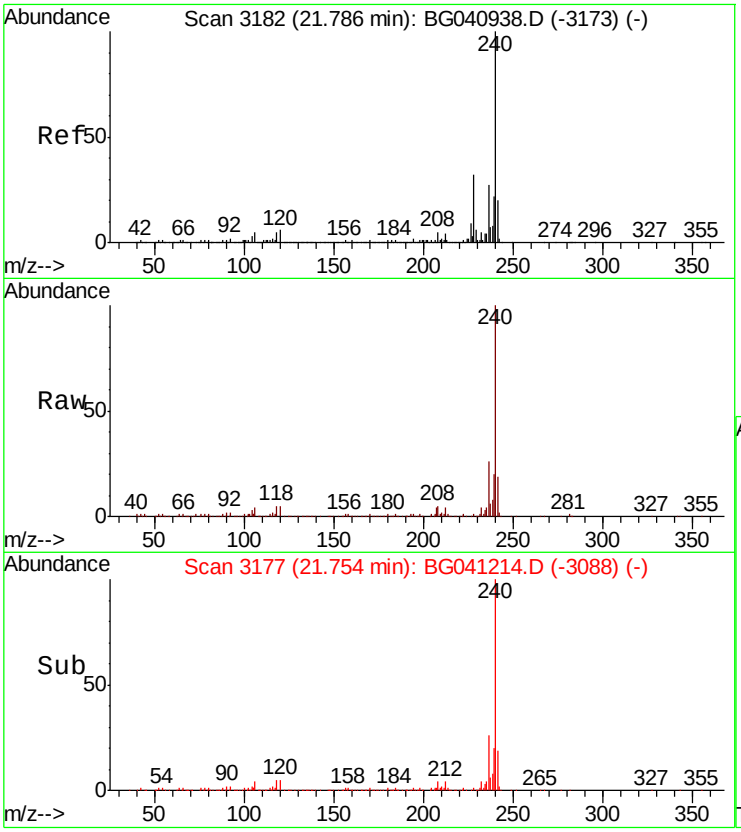


#70
Pentachlorophenol
Concen: 4.277 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#



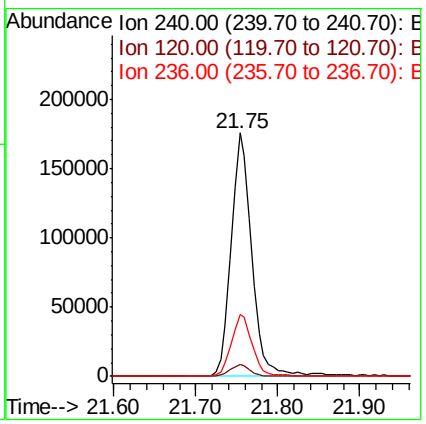


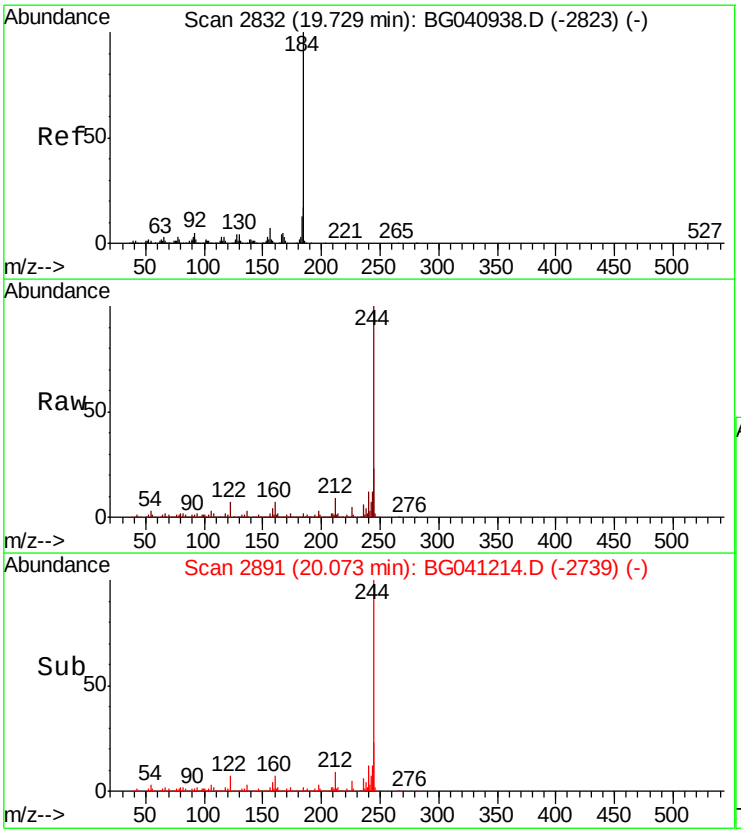
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:240 Resp: 309800

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	25.5	21.3	31.9

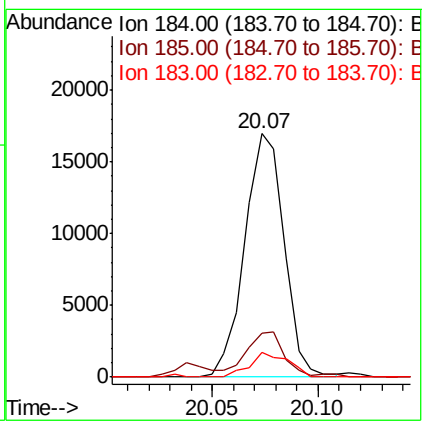


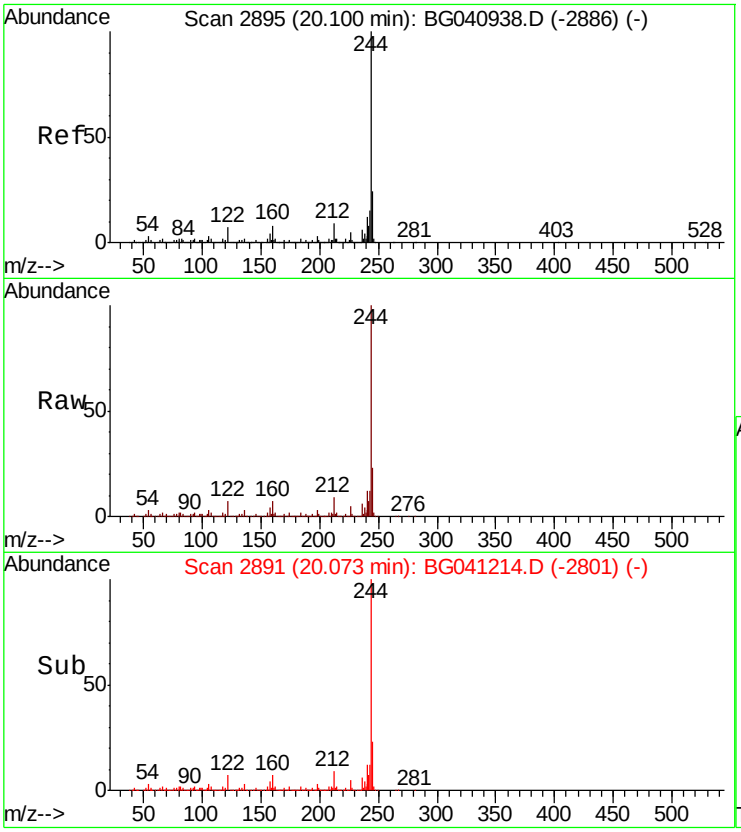


#77
Benzidine
Concen: 2.976 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.36 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:184 Resp: 21996

Ion	Ratio	Lower	Upper
184	100		
185	18.0	13.3	19.9
183	10.1	10.7	16.1#



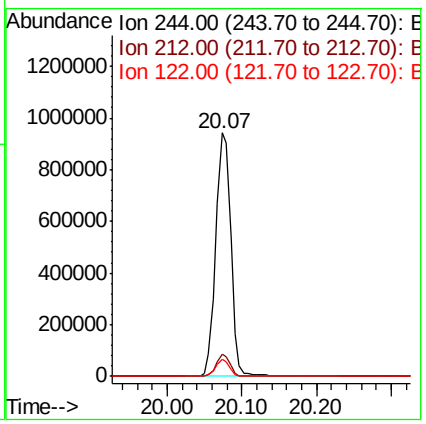


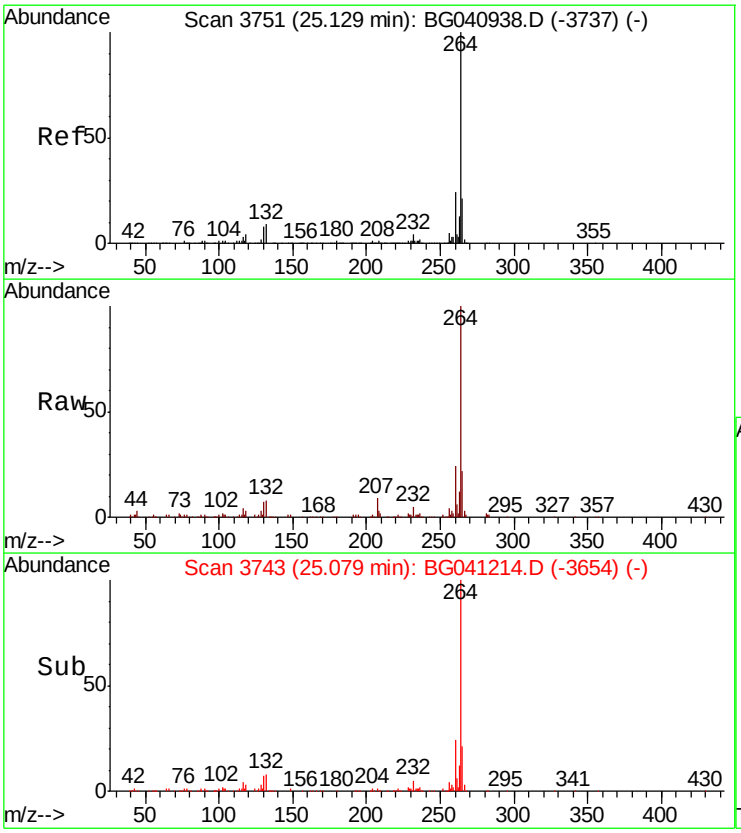
#79
Terphenyl-d14
Concen: 90.101 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:244 Resp: 1315208

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.1	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:264 Resp: 291947

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.7	17.0	25.4