Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040950.D
Acq On : 30 May 2019 13:51
Operator : HP/JU
Sample : K3054-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 30 15:10:41 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	69119	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	289202	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	211740	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	496517	20.00	ng	0.00
76) Chrysene-d12	21.78	240	471483	20.00	ng	0.00
87) Perylene-d12	25.12	264	508221	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	416834	108.75	ng	0.00
7) Phenol-d6	7.27	99	642060	108.46	ng	0.00
23) Nitrobenzene-d5	9.30	82	445356	68.36	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	328288	104.44	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1020366	69.40	ng	0.00
79) Terphenyl-d14	20.09	244	1511996	68.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	62725	13.769	ng	# 75
32) Benzoic acid	10.24	122	65	8.145	ng	# 1
50) Dimethylphthalate	14.20	163	139043	7.757	ng	# 95
54) 2,4-Dinitrophenol	14.82	184	54	8.284	ng	# 18
57) 2,4-Dinitrotoluene	14.76	165	26949	4.937	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.90	198	62	8.609	ng	# 36
67) 4-Bromophenyl-phenylether	16.24	248	22706	3.389	ng	# 1
70) Pentachlorophenol	17.07	266	96	4.280	ng	# 18
77) Benzidine	20.09	184	27954	2.485	ng	# 93

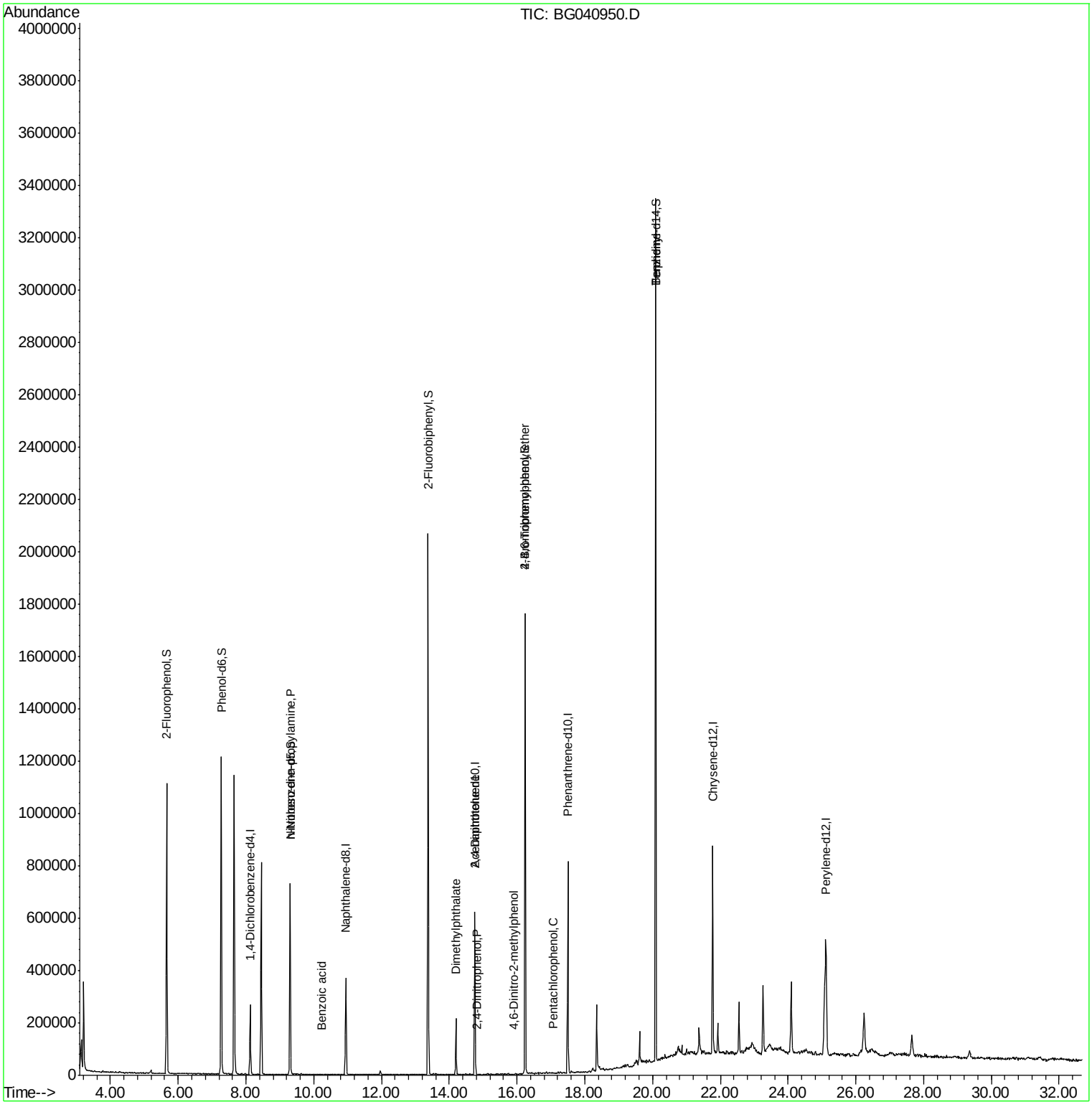
(#) = qualifier out of range (m) = manual integration (+) = signals summed

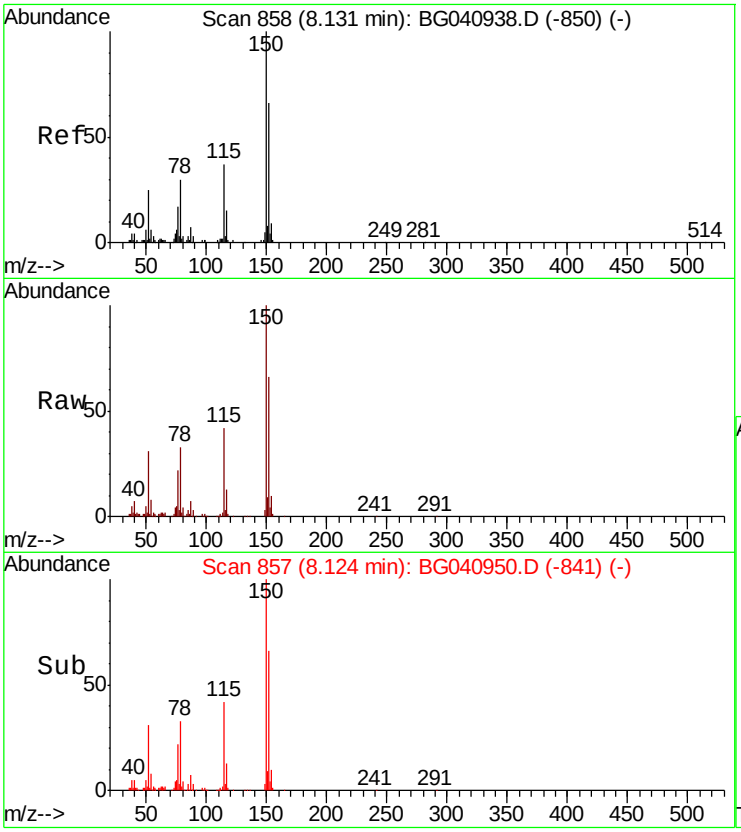
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040950.D
Acq On : 30 May 2019 13:51
Operator : HP/JU
Sample : K3054-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 30 15:10:41 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



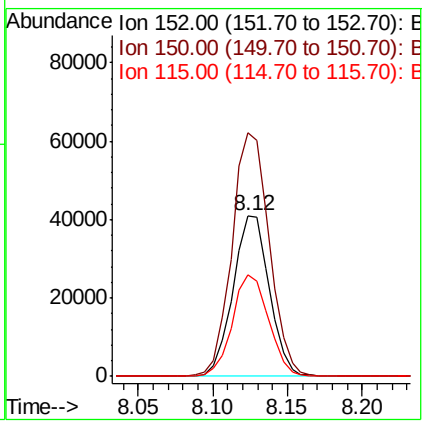


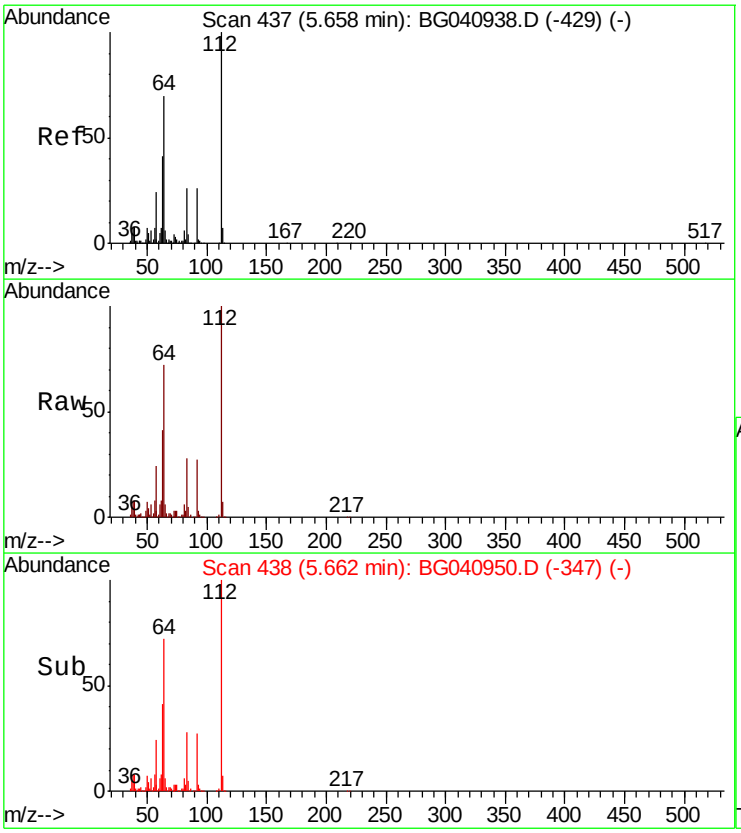
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 69119

Ion	Ratio	Lower	Upper
152	100		
150	151.7	120.6	180.8
115	63.1	45.1	67.7

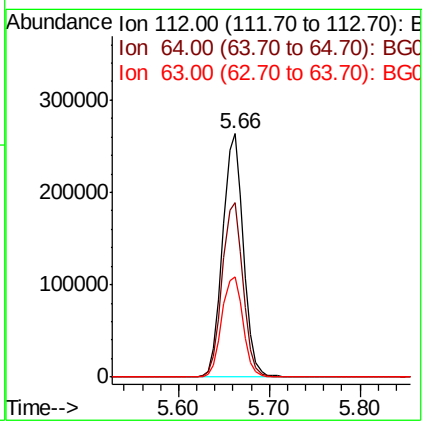


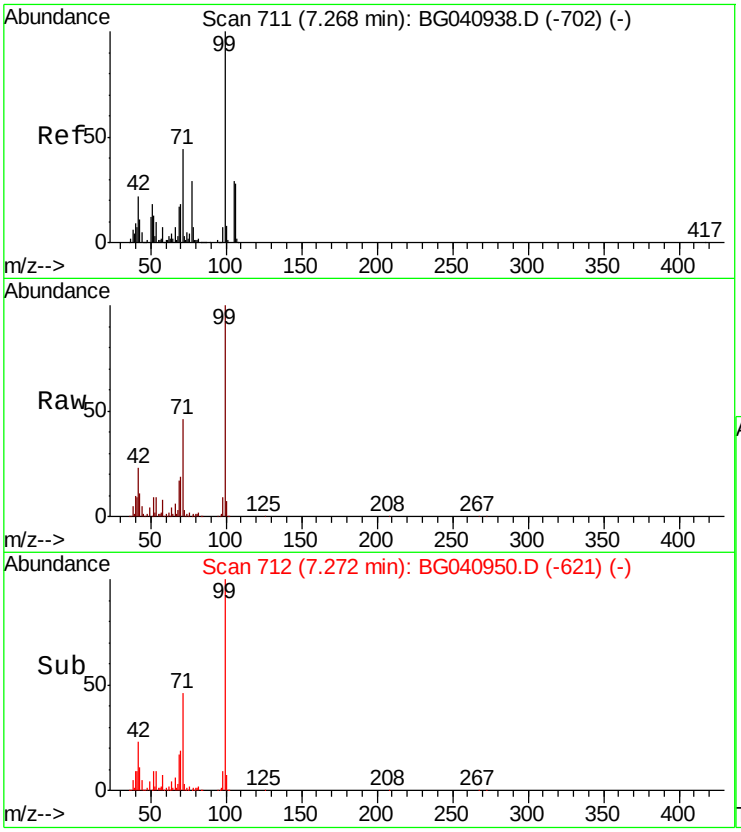


#5
2-Fluorophenol
Concen: 108.746 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:112 Resp: 416834

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.2	84.2
63	40.9	32.8	49.2



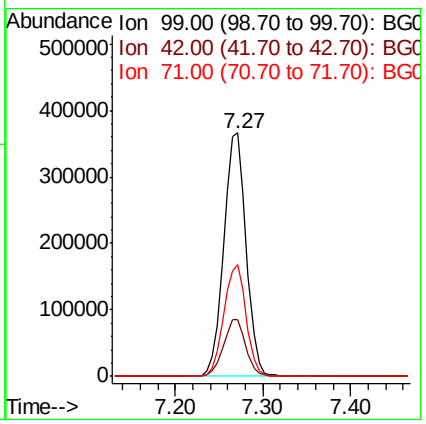


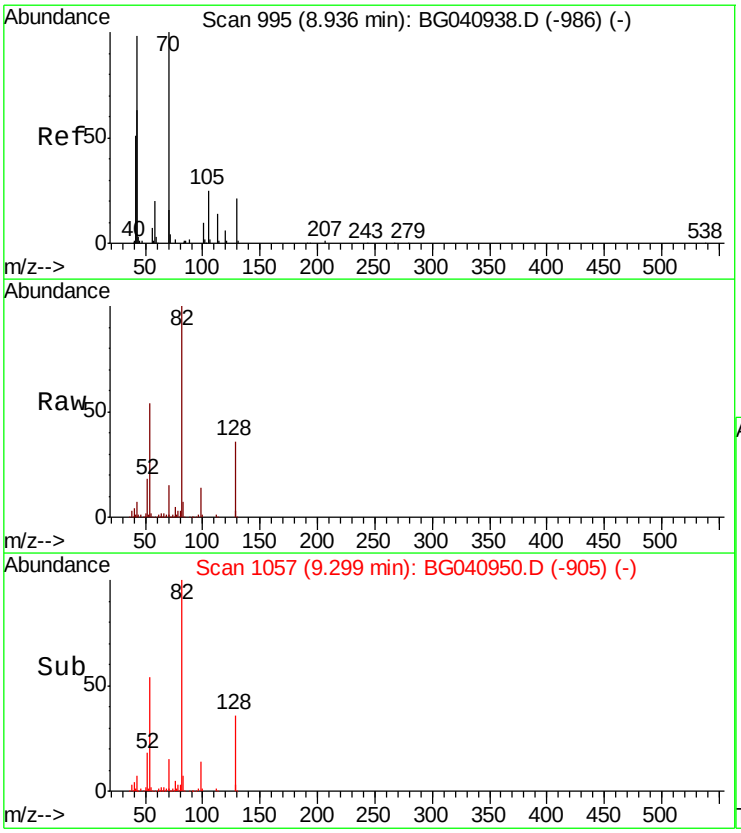
#7
Phenol-d6
Concen: 108.459 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 642060

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	46.1	35.4	53.0

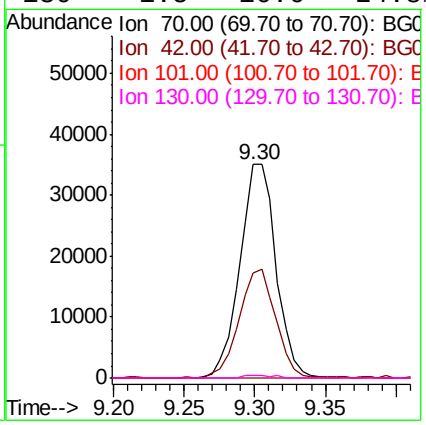


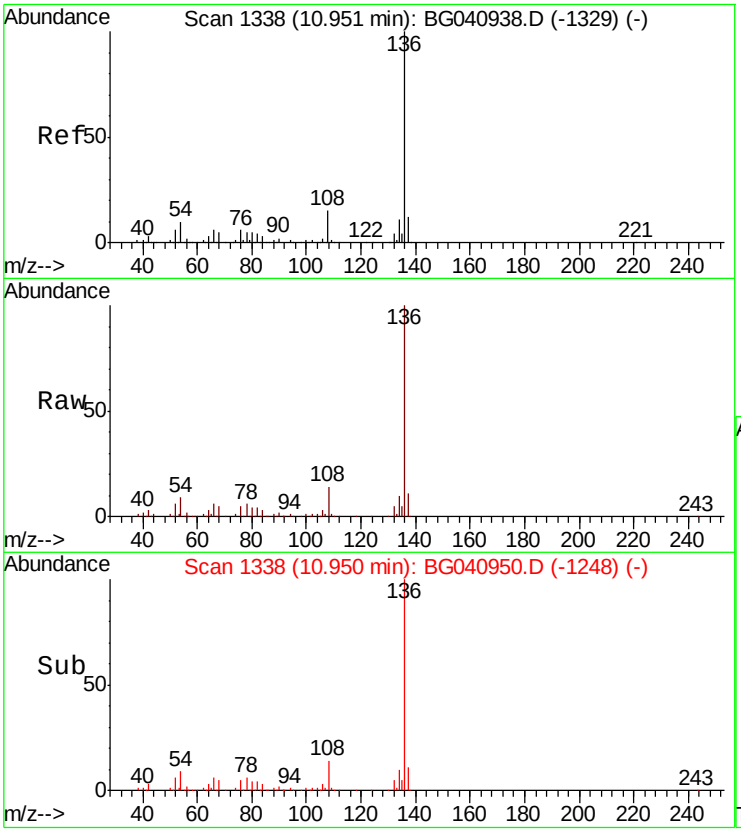


#19
n-Nitroso-di-n-propylamine
Concen: 13.769 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.36 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion: 70 Resp: 62725

Ion	Ratio	Lower	Upper
70	100		
42	49.3	51.5	77.3#
101	0.0	8.1	12.1#
130	1.5	16.6	24.8#



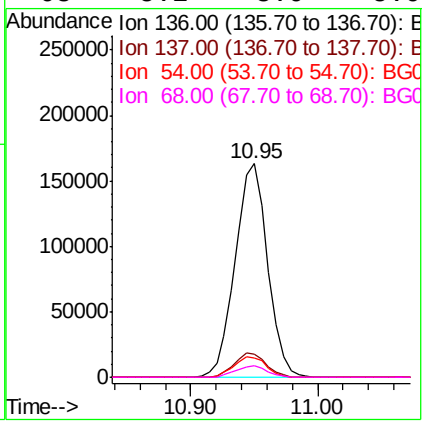


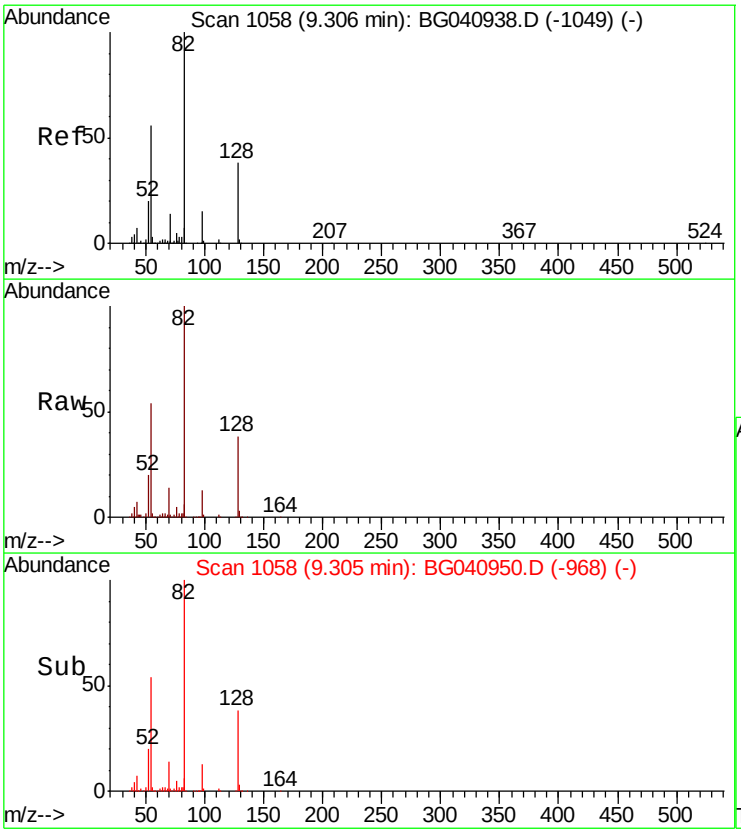
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 289202

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	8.9	7.6	11.4
68	5.2	3.9	5.9

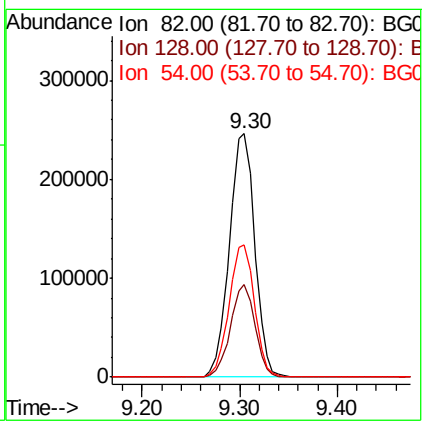


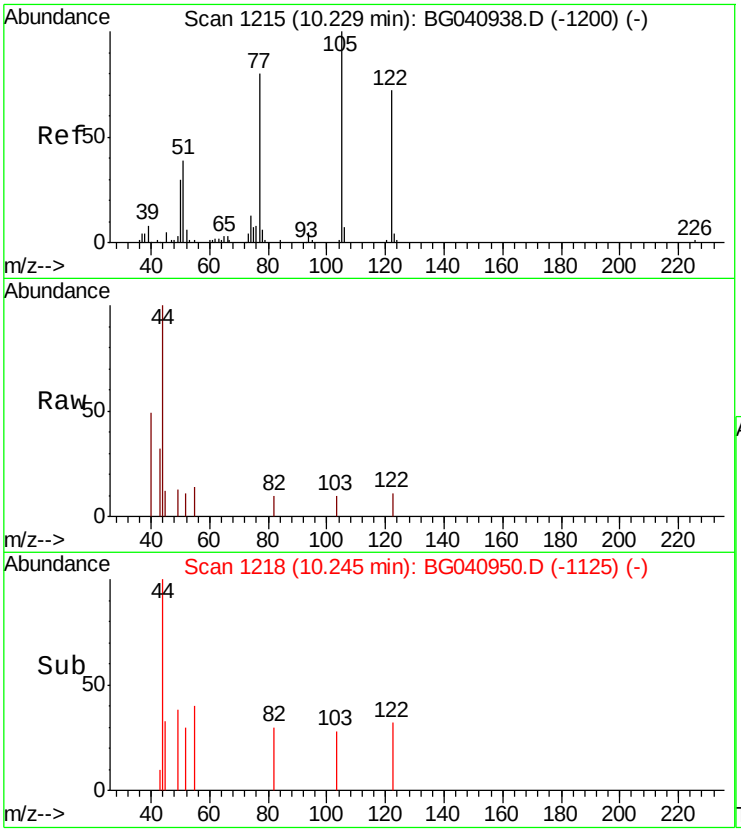


#23
Nitrobenzene-d5
Concen: 68.364 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion: 82 Resp: 445356

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.5	45.7
54	54.2	44.6	66.8



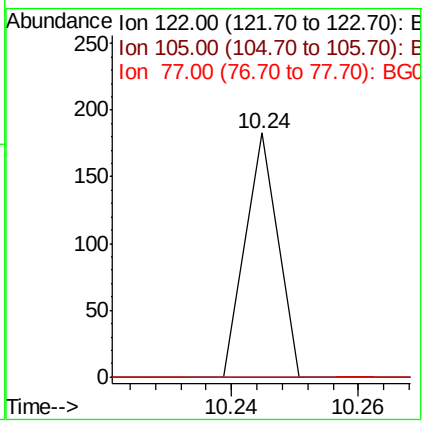


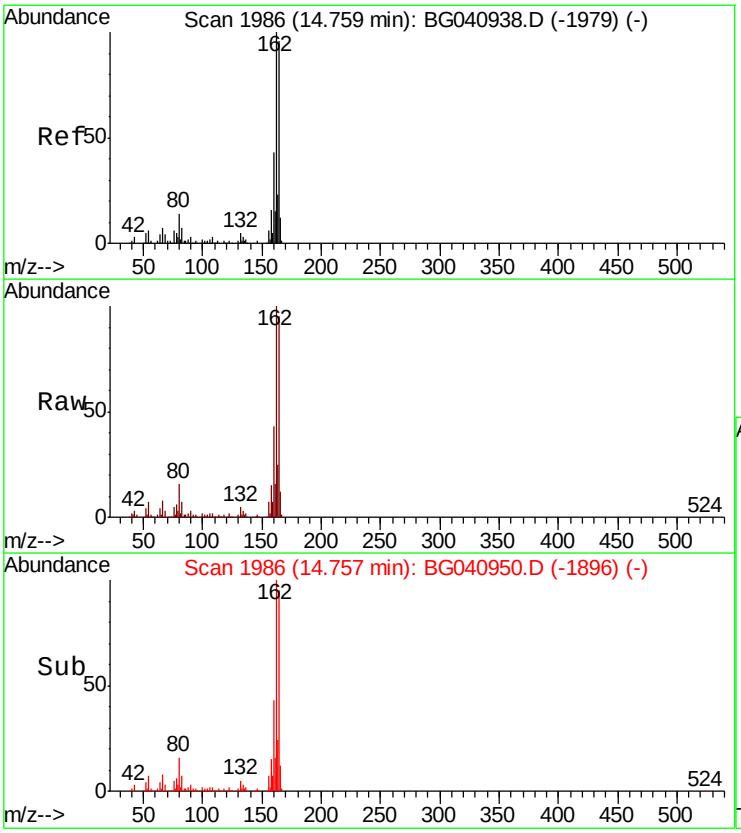
#32
Benzoic acid
Concen: 8.145 ng
RT: 10.24 min Scan# 1218
Delta R.T. 0.02 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 65

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

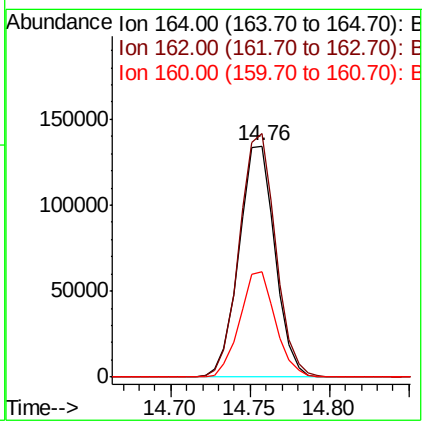


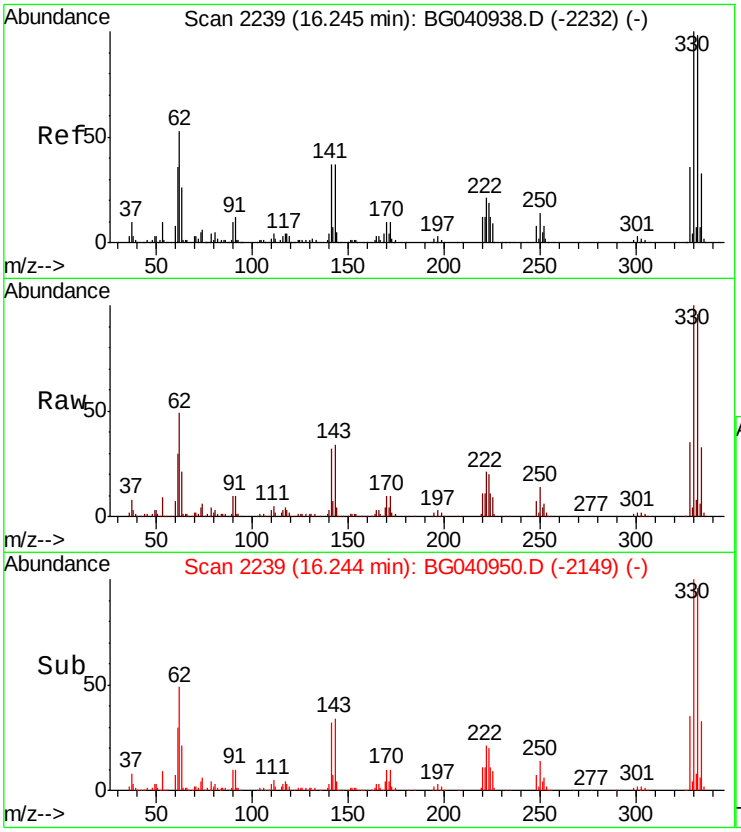


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:164 Resp: 211740

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.4
160	45.7	35.6	53.4



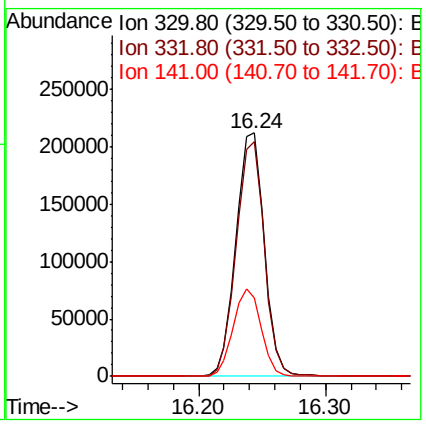


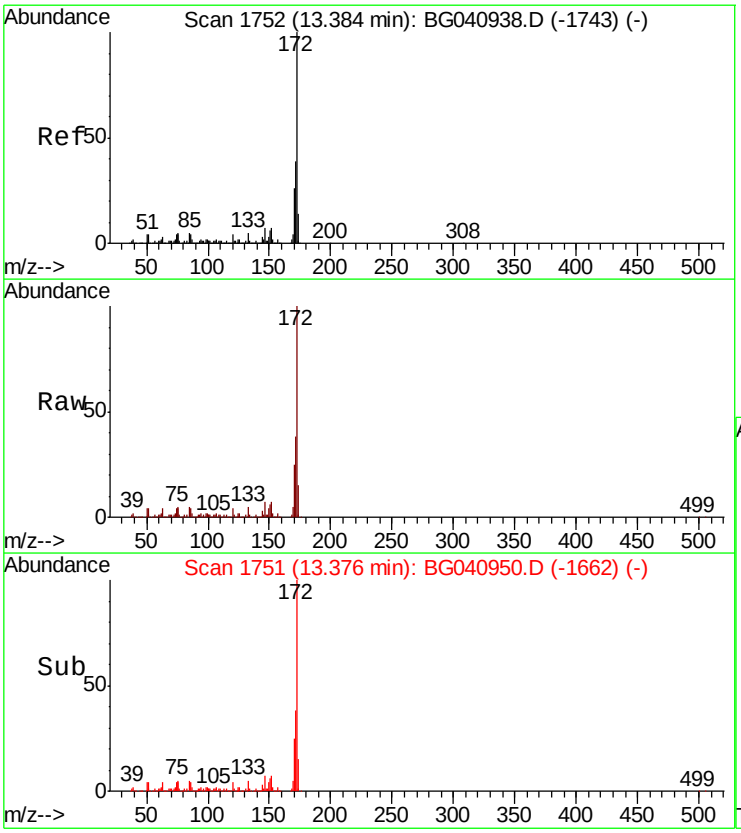
#42
2,4,6-Tribromophenol
Concen: 104.436 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 328288

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.5	117.7
141	35.4	28.7	43.1

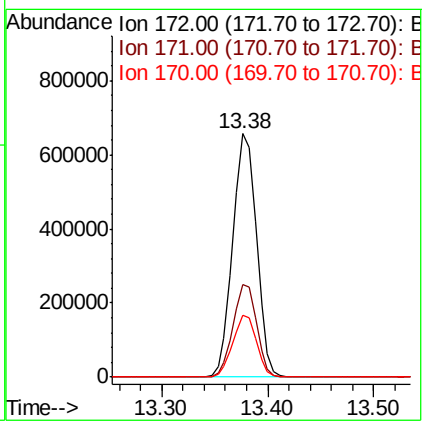


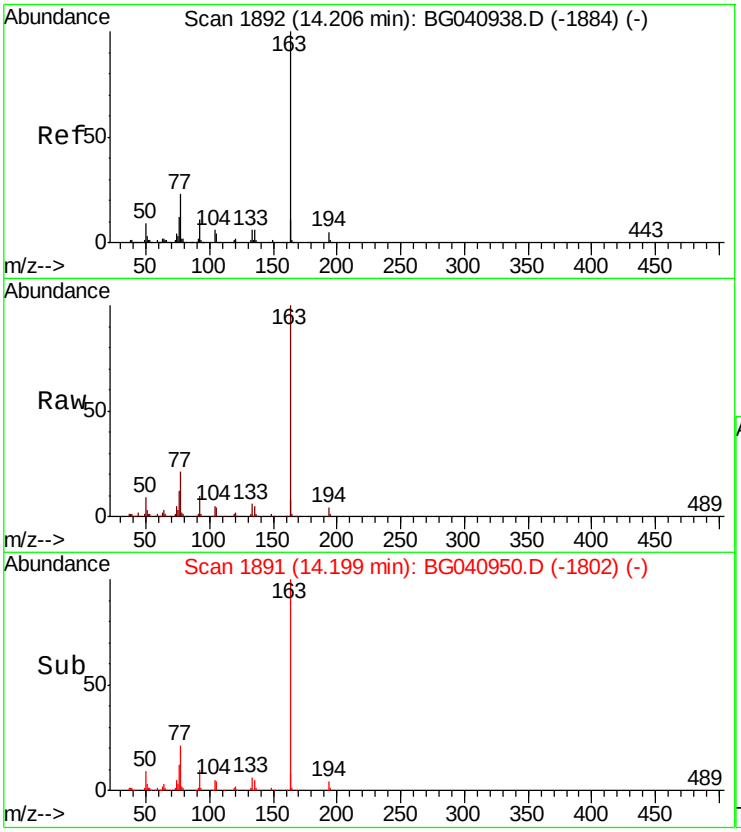


#45
2-Fluorobiphenyl
Concen: 69.398 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:172 Resp: 1020366

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.1	46.7
170	25.4	20.5	30.7



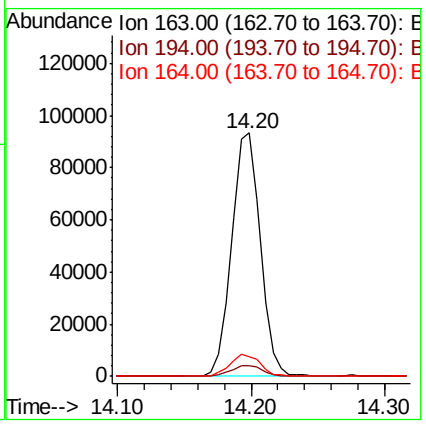


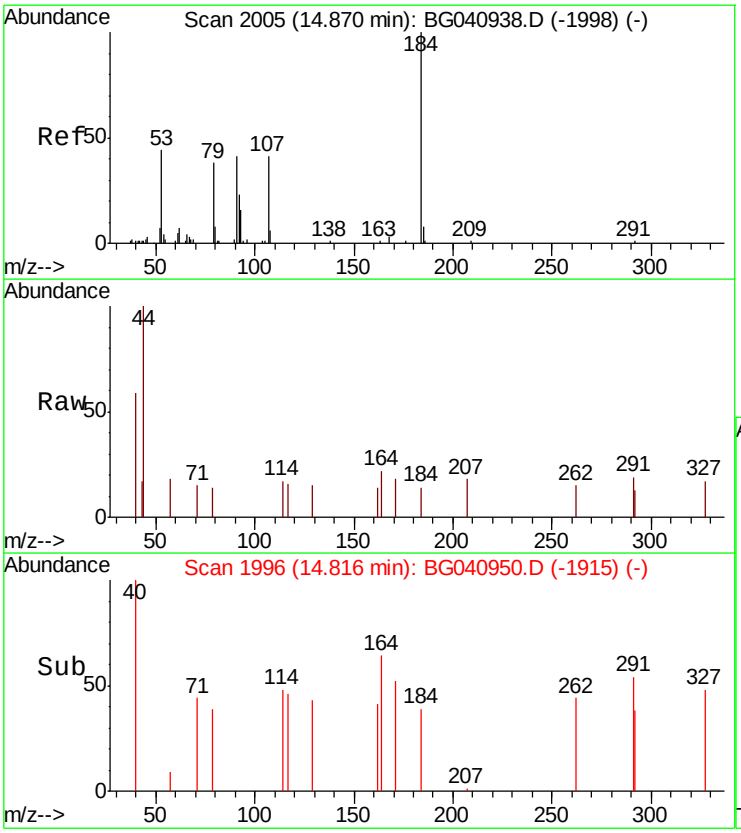
#50
Dimethylphthalate
Concen: 7.757 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 139043

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.8
164	8.2	8.7	13.1#

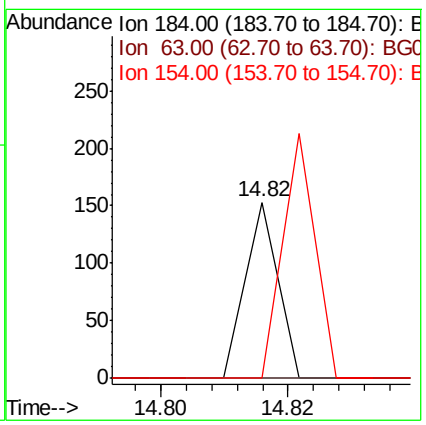


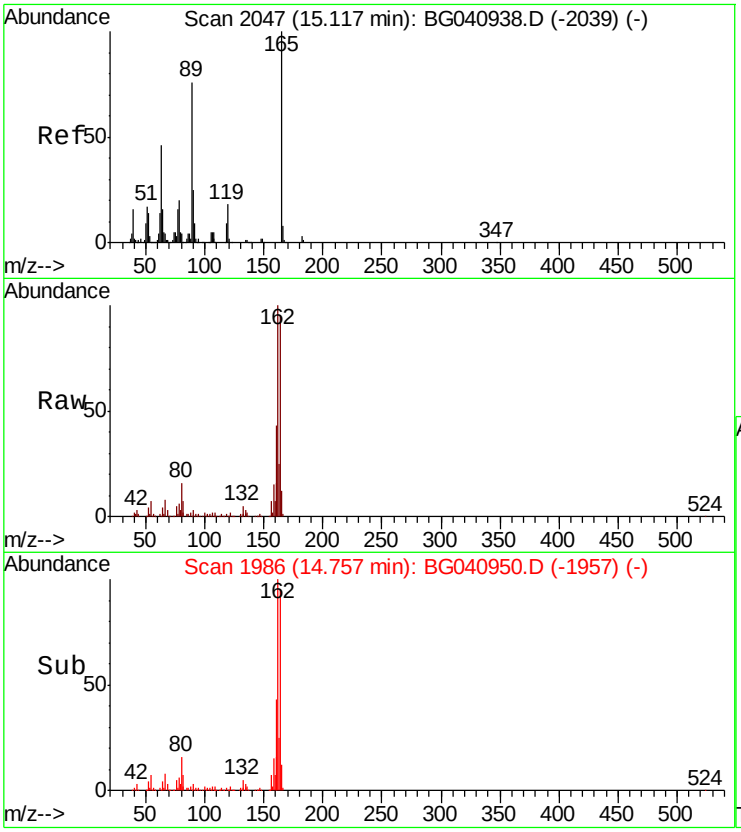


#54
2,4-Dinitrophenol
Concen: 8.284 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.05 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#



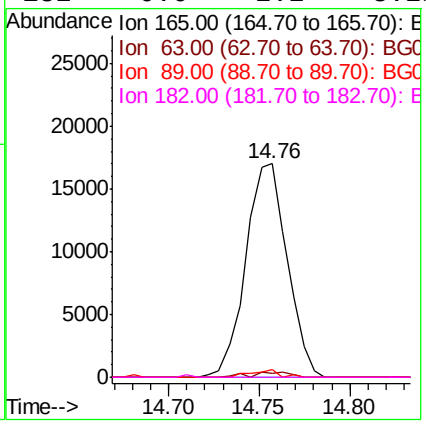


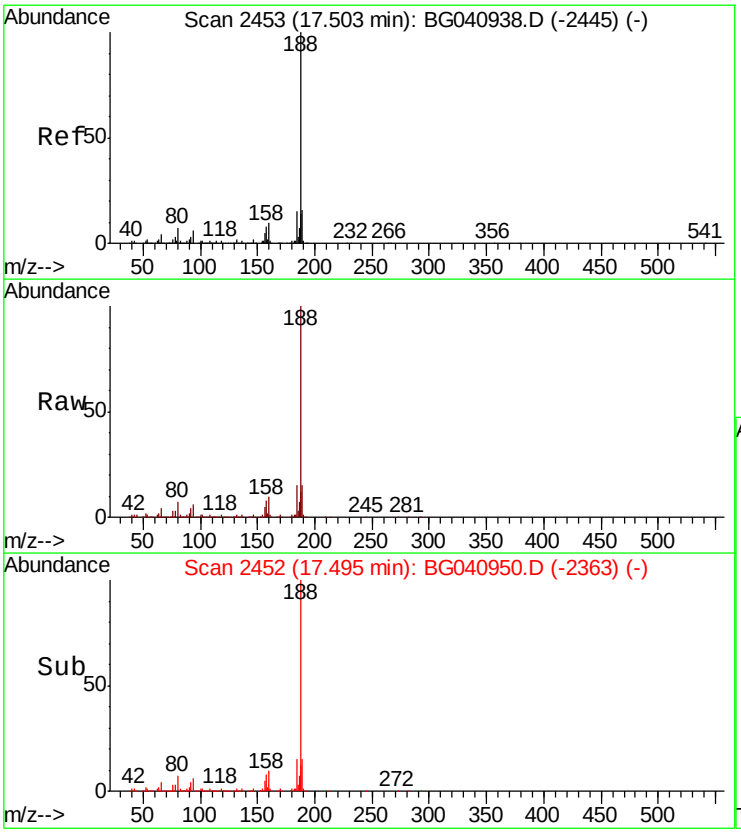
#57
2,4-Dinitrotoluene
Concen: 4.937 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.36 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 26949

Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.3	55.9#
89	3.4	61.0	91.6#
182	0.0	2.2	3.2#

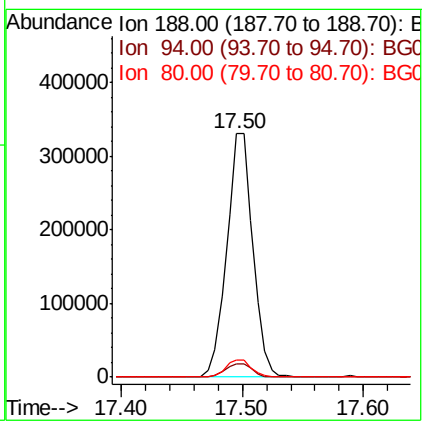


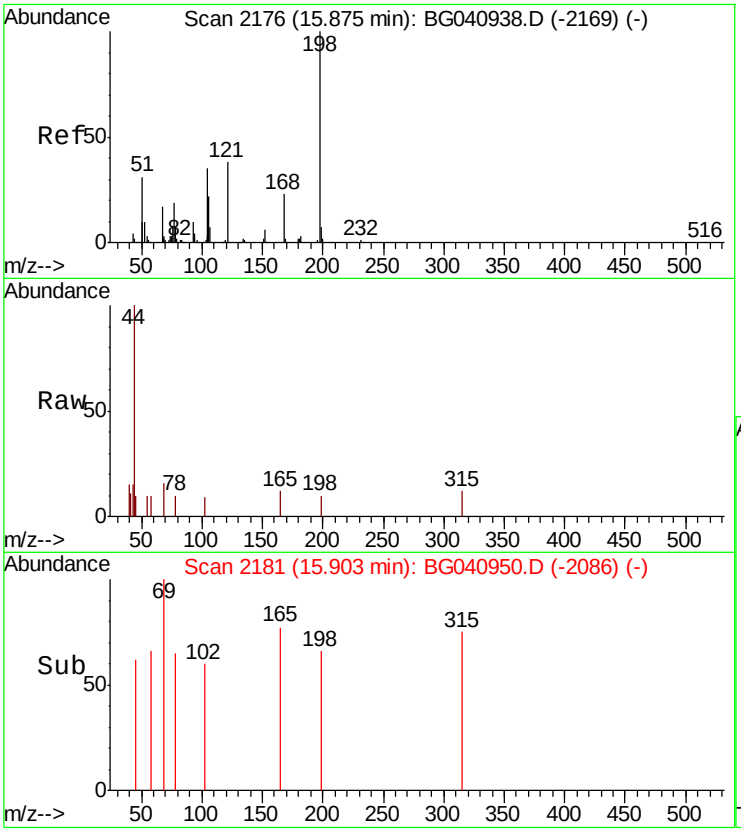


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:188 Resp: 496517

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.7	7.1
80	7.2	5.8	8.8



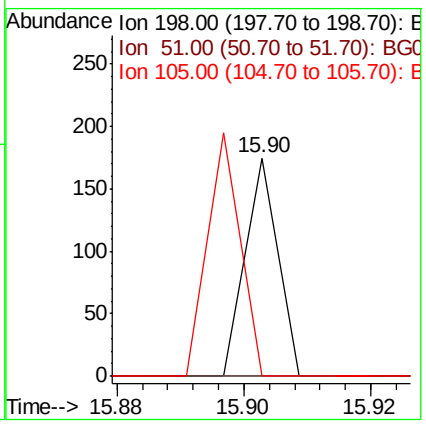


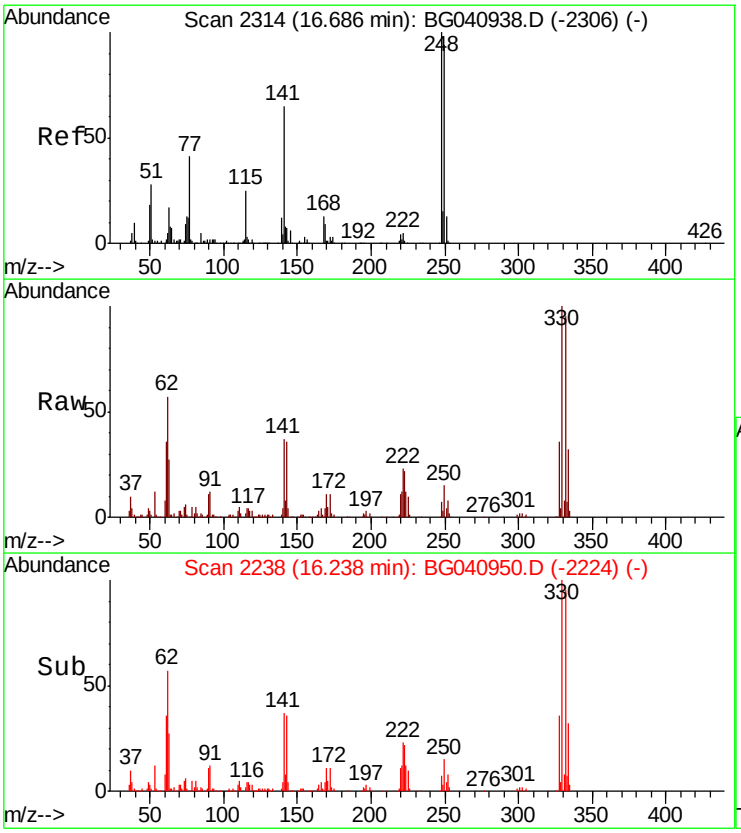
#65
4,6-Dinitro-2-methylphenol
Concen: 8.609 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.03 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 62

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

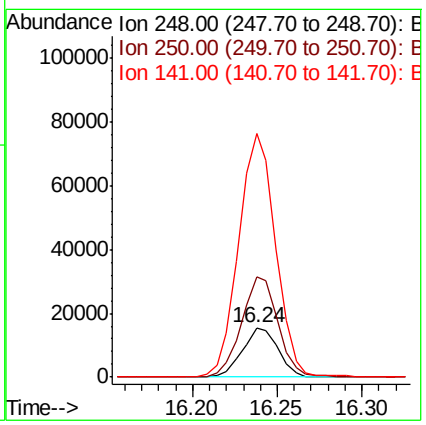


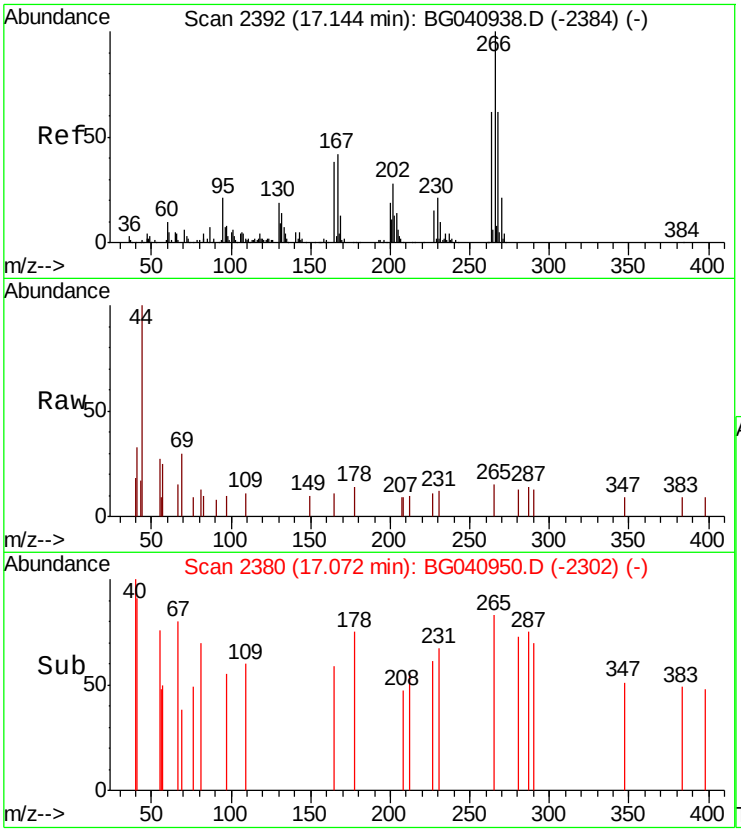


#67
4-Bromophenyl-phenylether
Concen: 3.389 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.45 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:248 Resp: 22706

Ion	Ratio	Lower	Upper
248	100		
250	203.5	75.0	112.4#
141	496.6	52.4	78.6#



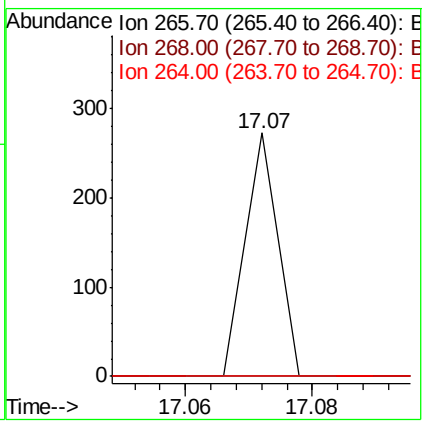


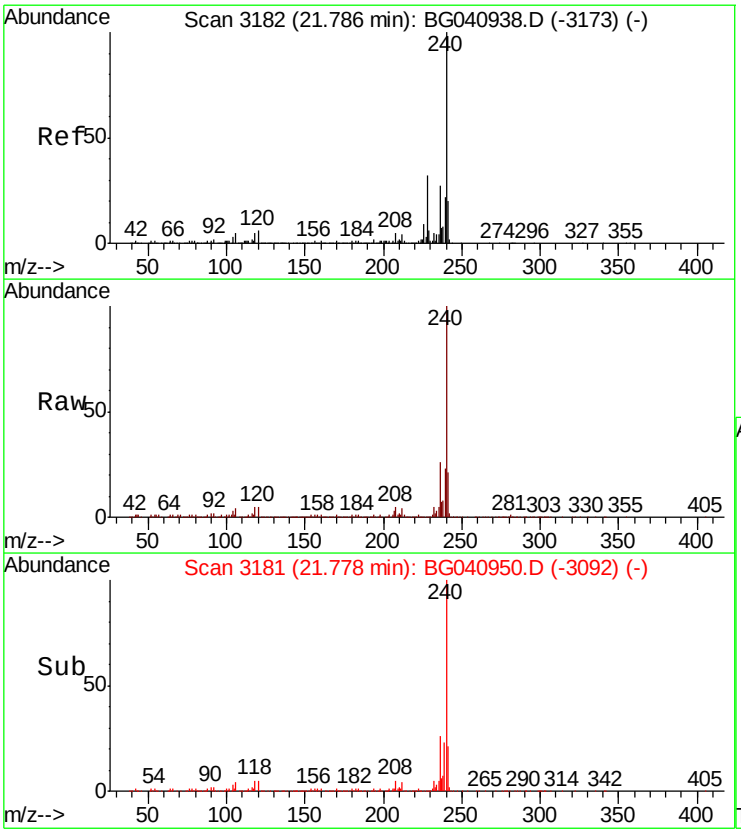
#70
Pentachlorophenol
Concen: 4.280 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.07 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 96

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

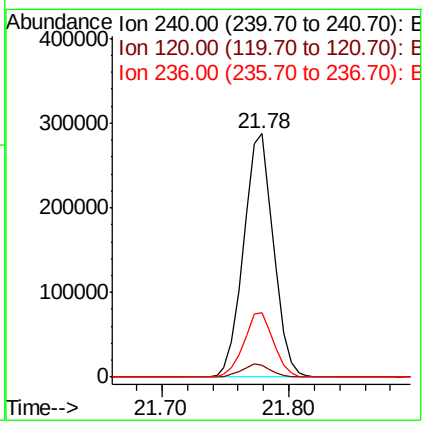


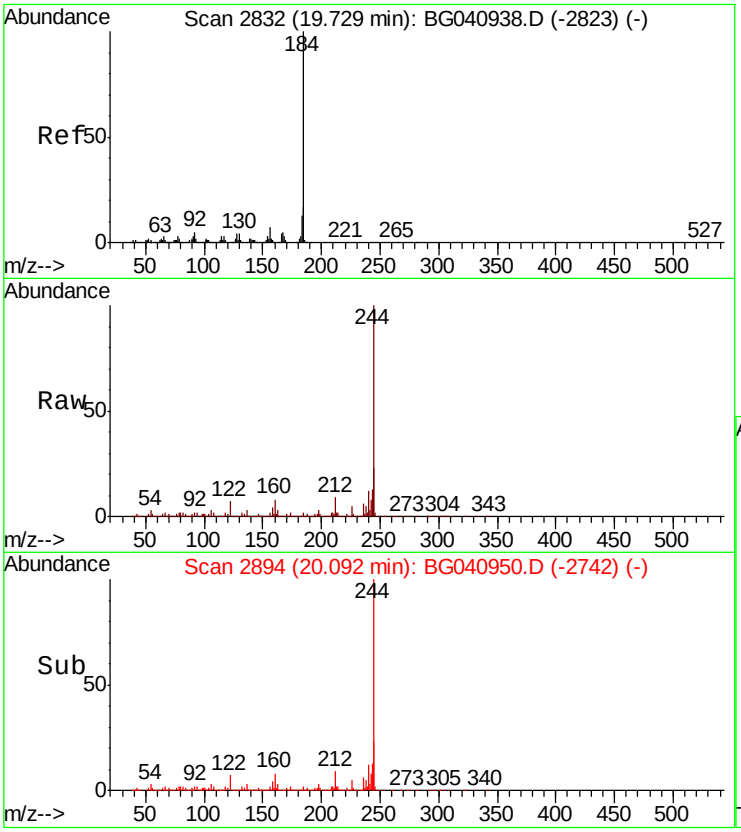


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:240 Resp: 471483

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	26.3	21.3	31.9



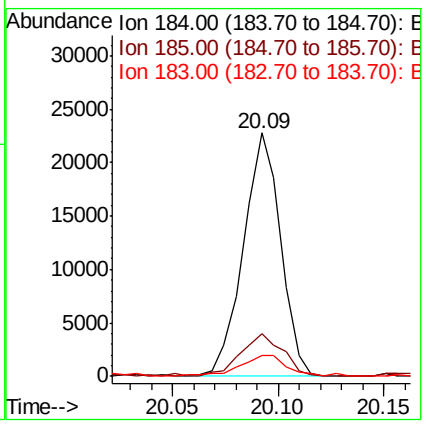


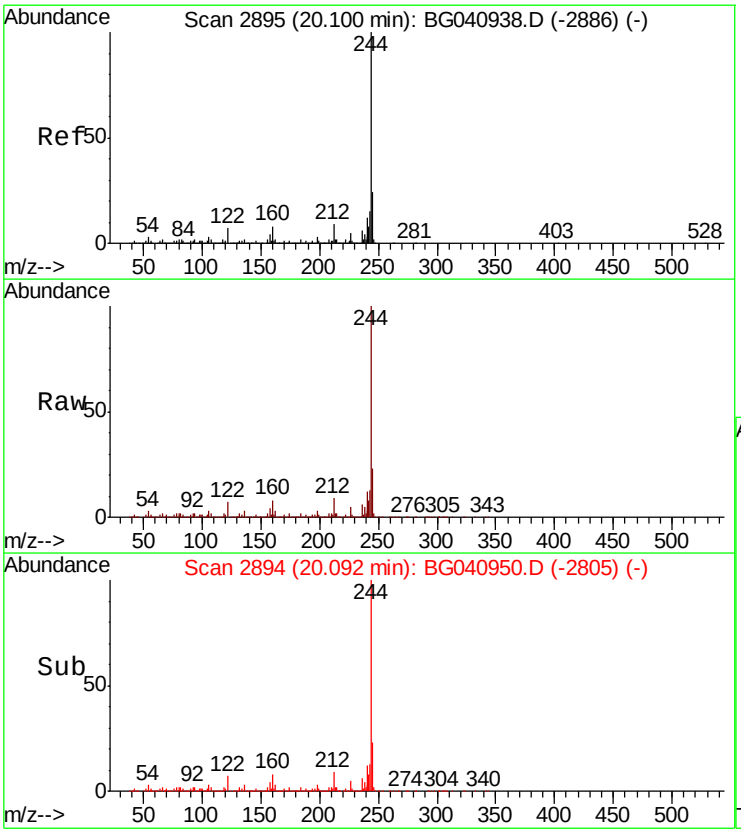
#77
Benzidine
Concen: 2.485 ng
RT: 20.09 min Scan# 2894
Delta R.T. 0.36 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 27954

Ion	Ratio	Lower	Upper
184	100		
185	17.7	13.3	19.9
183	8.5	10.7	16.1#

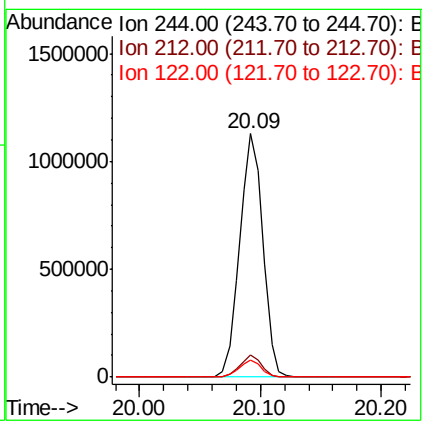


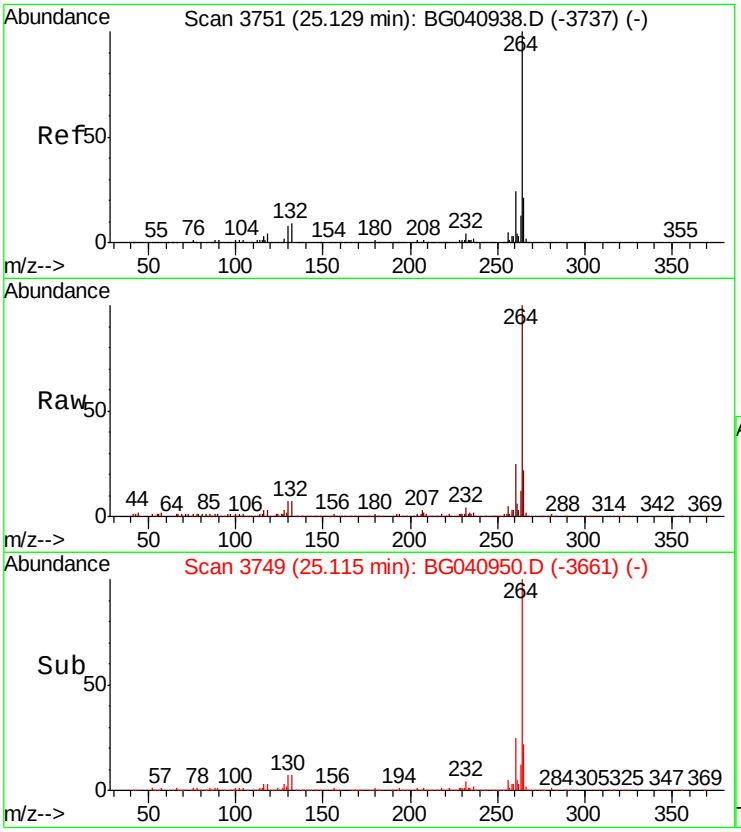


#79
Terphenyl-d14
Concen: 68.061 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG040950.D
Acq: 30 May 2019 13:51

Tgt Ion:244 Resp: 1511996

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	6.9	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: BG040950.D
Acq: 30 May 2019 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 508221

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.0	28.4
265	21.7	17.0	25.4