Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041187.D
Acq On : 11 Jun 2019 13:33
Operator : HP/JU
Sample : IDOC-BL-RC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 12 01:53:26 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	42034	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166655	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	124356	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	306330	20.00	ng	0.00
76) Chrysene-d12	21.76	240	291697	20.00	ng	0.00
87) Perylene-d12	25.08	264	279316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	337483	144.78	ng	0.00
7) Phenol-d6	7.26	99	504050	140.01	ng	0.00
23) Nitrobenzene-d5	9.28	82	357485	95.23	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	262240	142.05	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	855154	99.03	ng	0.00
79) Terphenyl-d14	20.08	244	1434648	104.38	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	51063	18.431	ng	# 73
32) Benzoic acid	9.75	122	60	8.155	ng	# 1
41) Hexachlorocyclopentadiene	12.65	237	56	8.254	ng	# 26
51) 2,6-Dinitrotoluene	14.73	165	15623	6.883	ng	# 21
57) 2,4-Dinitrotoluene	14.73	165	15623	4.873	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	802	8.991	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	19659	4.755	ng	# 1
77) Benzidine	20.08	184	24706	3.550	ng	# 95

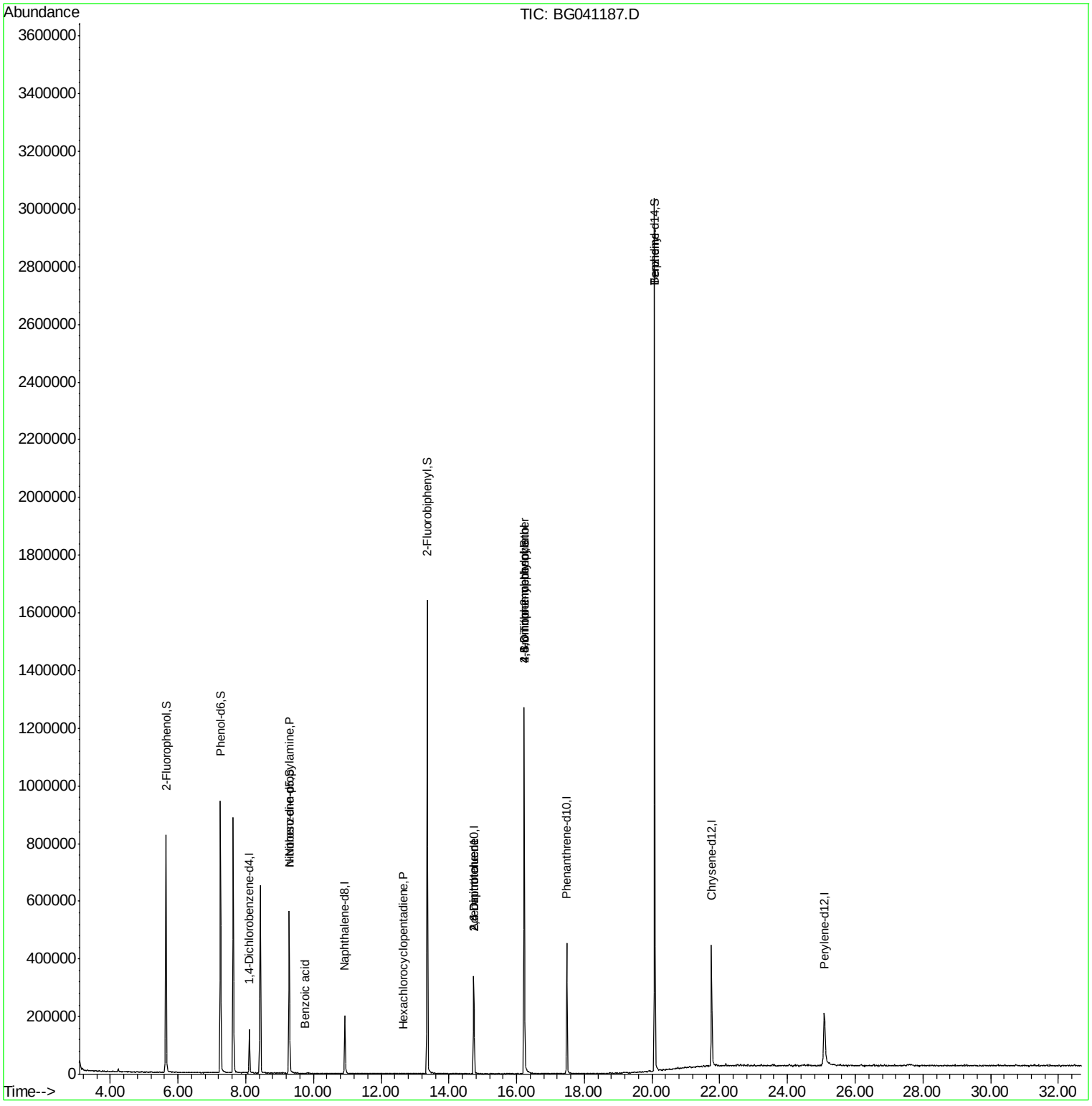
(#) = qualifier out of range (m) = manual integration (+) = signals summed

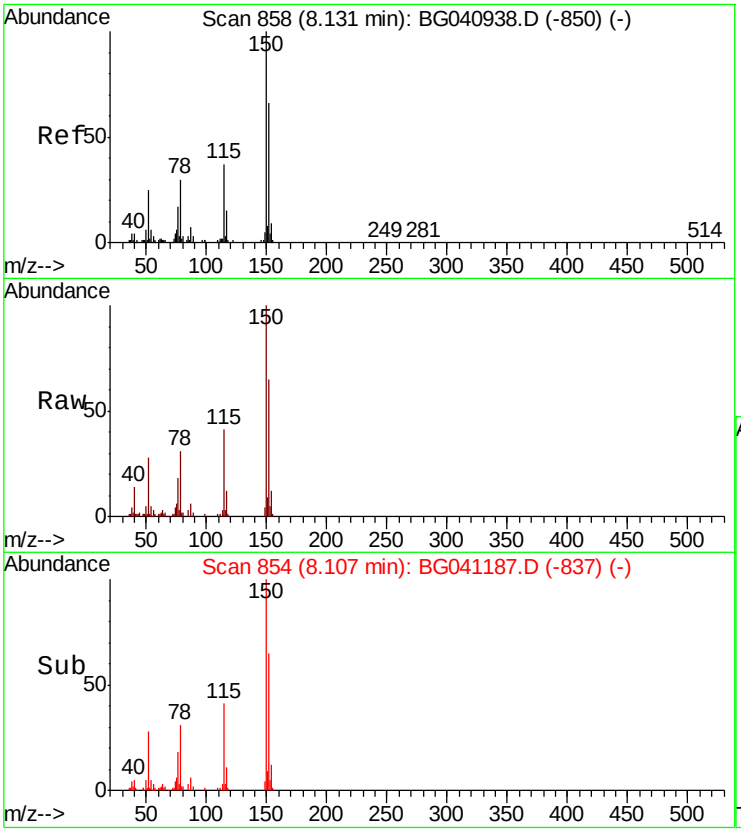
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041187.D
Acq On : 11 Jun 2019 13:33
Operator : HP/JU
Sample : IDOC-BL-RC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 12 01:53:26 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



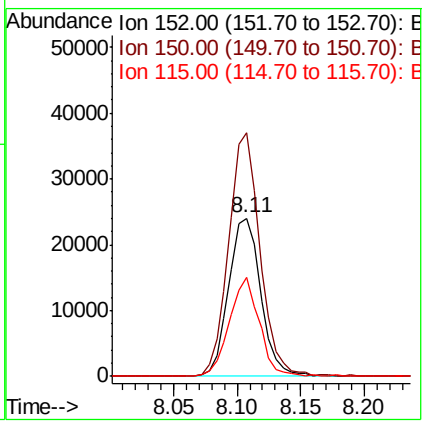


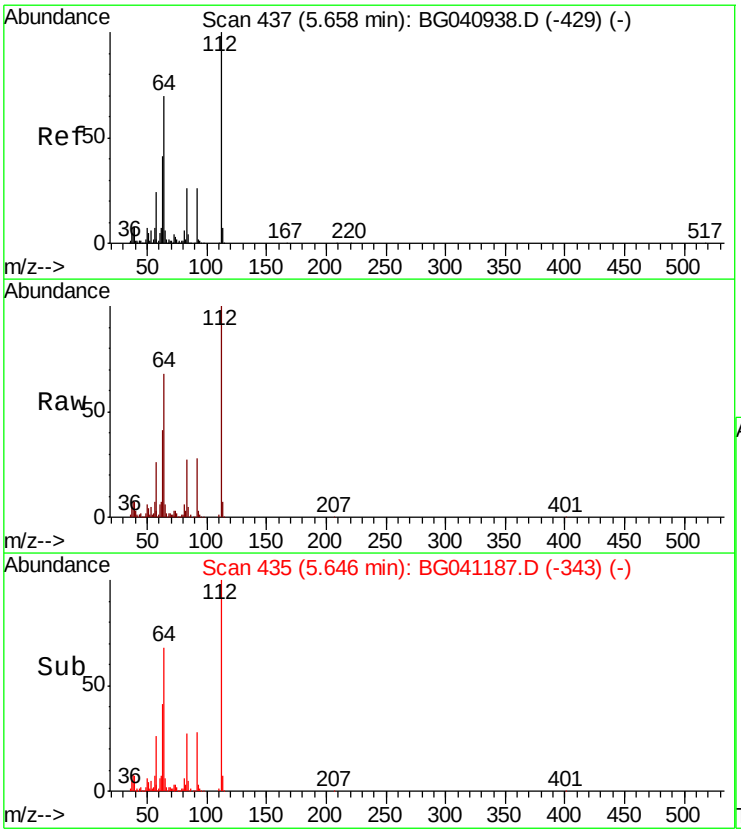
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42034

Ion	Ratio	Lower	Upper
152	100		
150	154.3	120.6	180.8
115	62.8	45.1	67.7

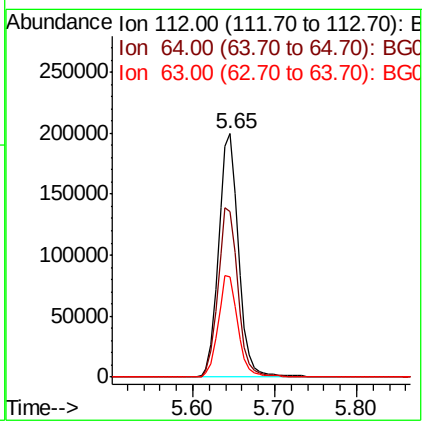


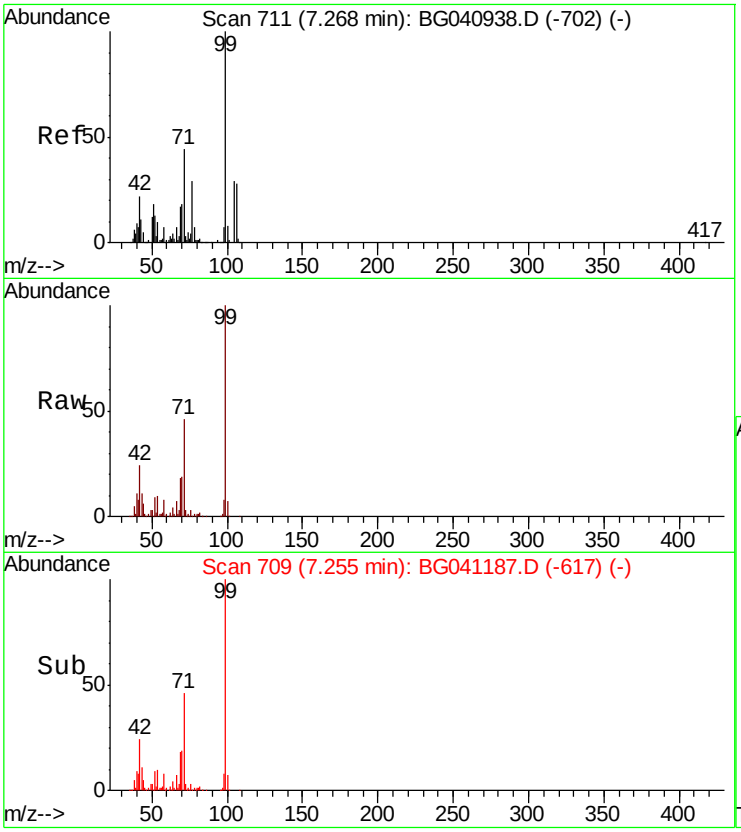


#5
2-Fluorophenol
Concen: 144.776 ng
RT: 5.65 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:112 Resp: 337483

Ion	Ratio	Lower	Upper
112	100		
64	67.9	56.2	84.2
63	41.3	32.8	49.2



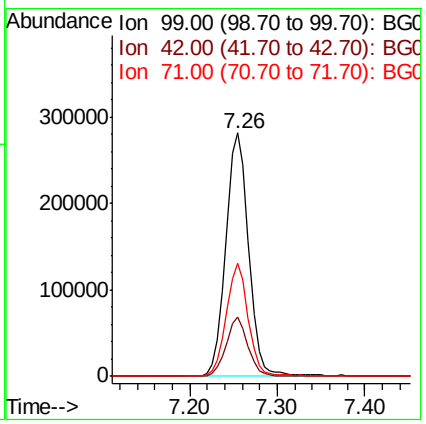


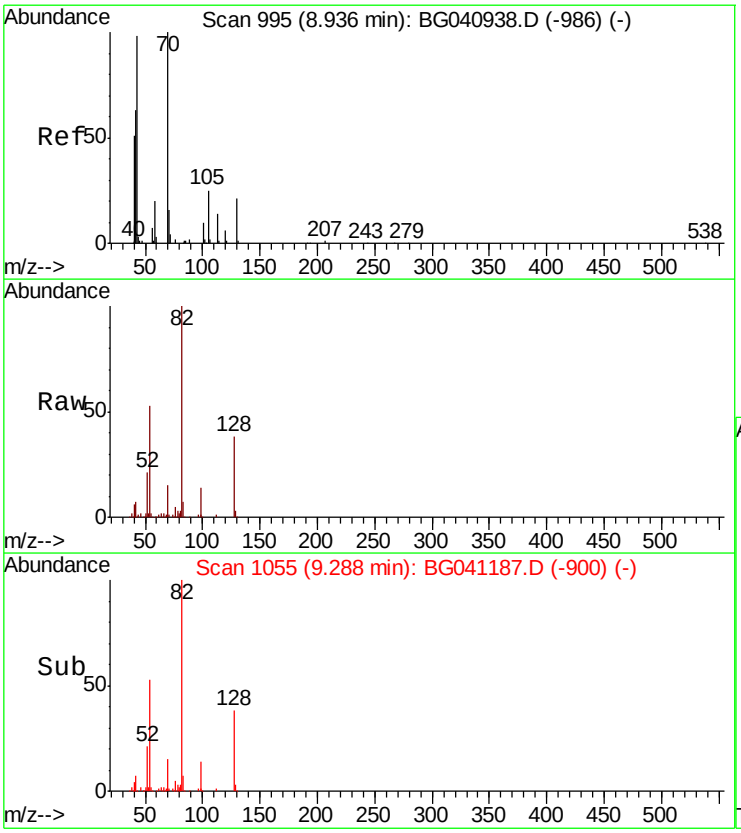
#7
Phenol-d6
Concen: 140.011 ng
RT: 7.26 min Scan# 709
Delta R.T. 0.01 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 504050

Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.9	26.9
71	46.3	35.4	53.0

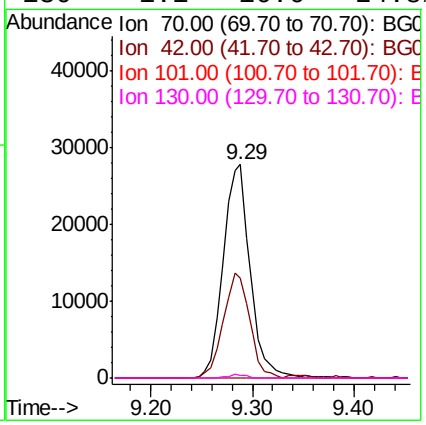


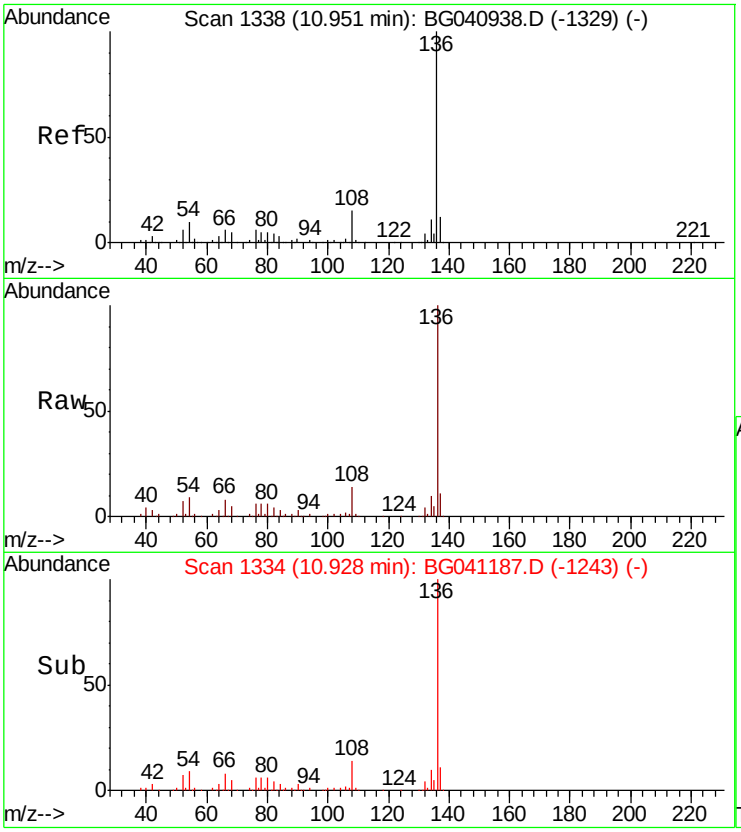


#19
n-Nitroso-di-n-propylamine
Concen: 18.431 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.38 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion: 70 Resp: 51063

Ion	Ratio	Lower	Upper
70	100		
42	46.5	51.5	77.3#
101	0.0	8.1	12.1#
130	1.1	16.6	24.8#



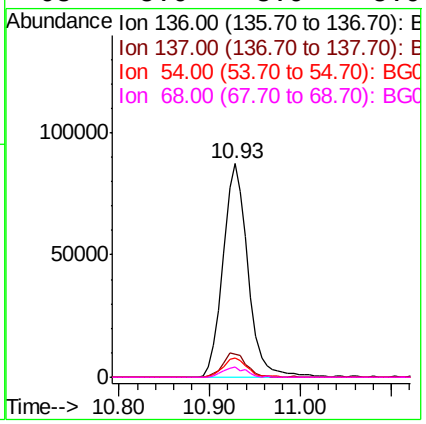


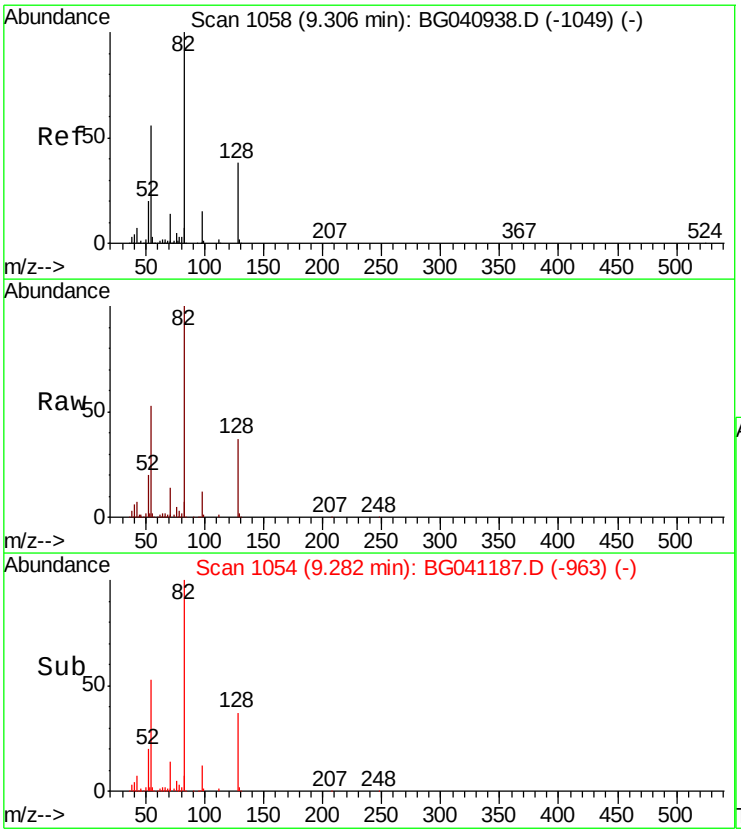
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 166655

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.5	14.3
54	9.2	7.6	11.4
68	5.0	3.9	5.9

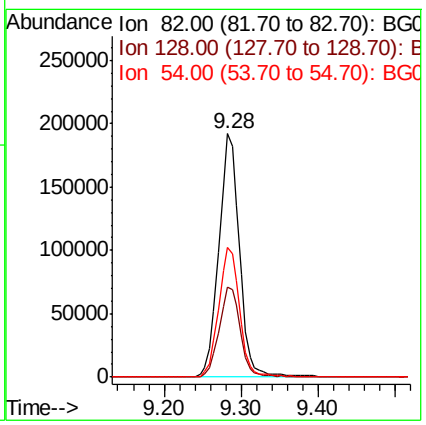


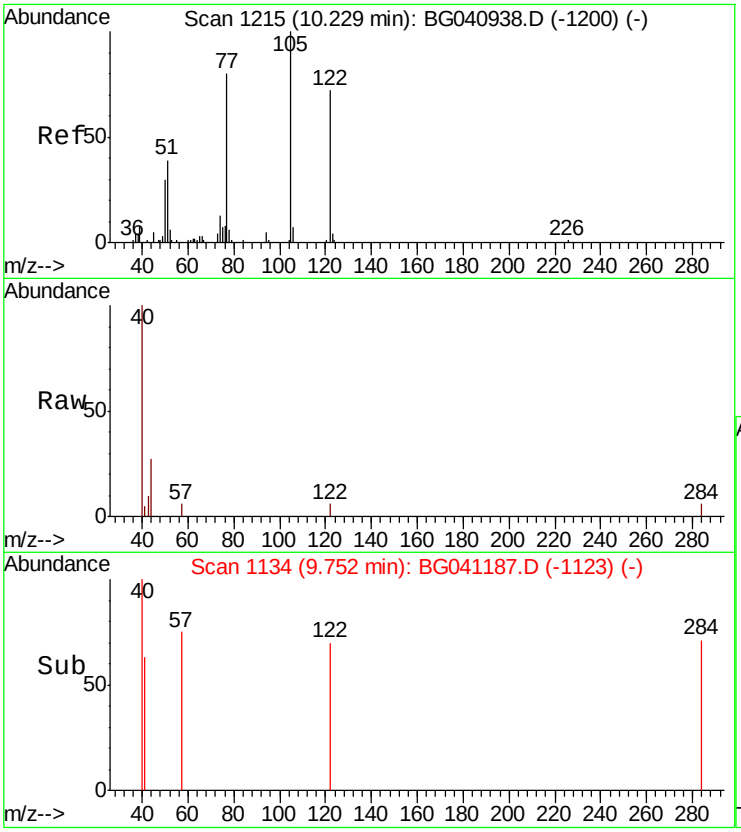


#23
Nitrobenzene-d5
Concen: 95.227 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion: 82 Resp: 357485

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.5	45.7
54	53.2	44.6	66.8



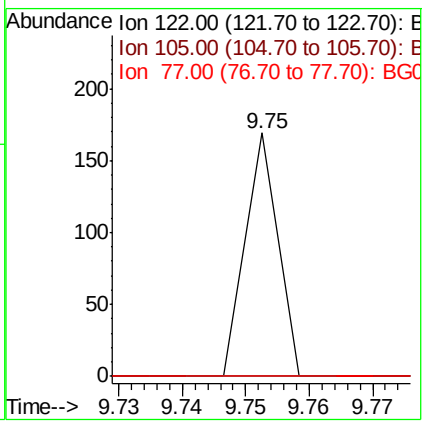


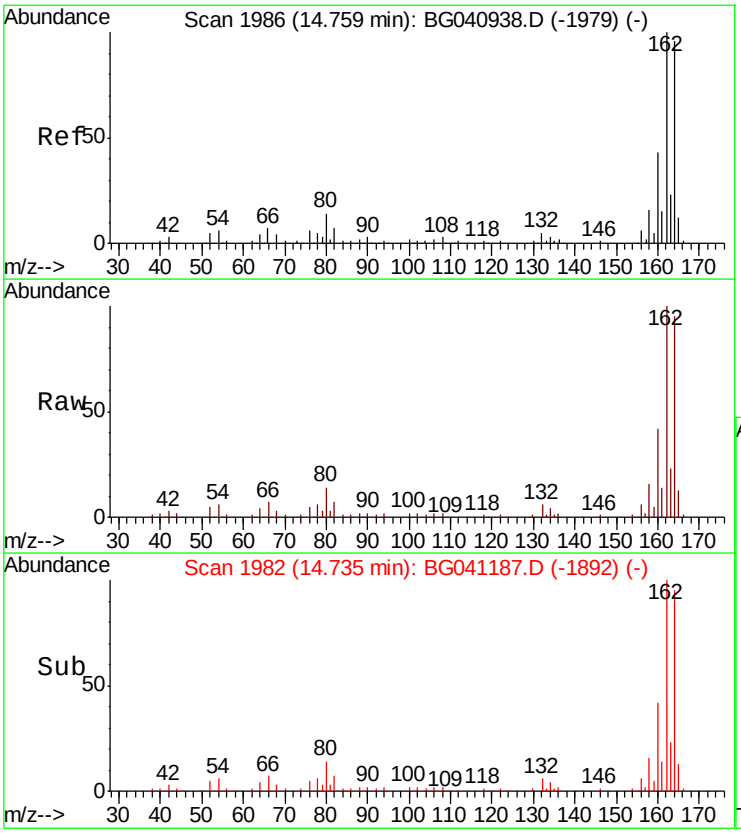
#32
Benzoic acid
Concen: 8.155 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.47 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 60

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

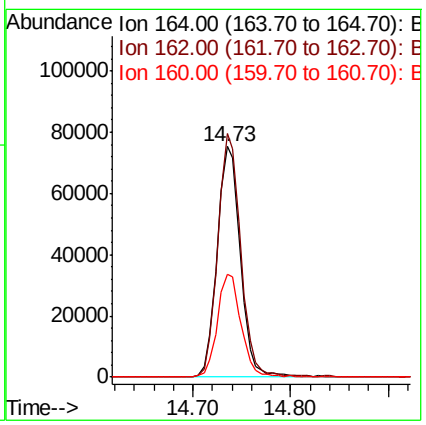


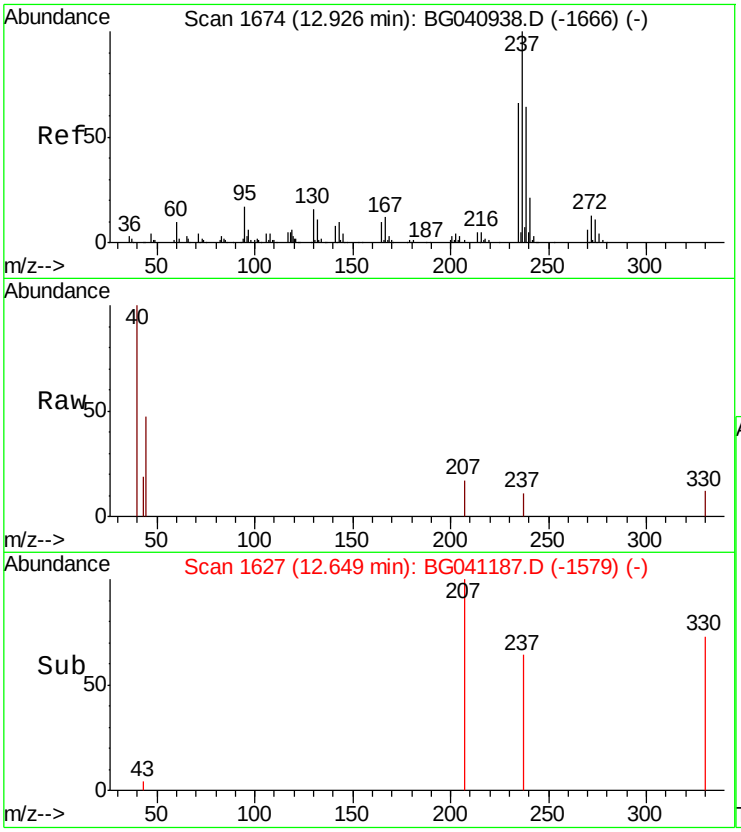


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:164 Resp: 124356

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.4
160	44.5	35.6	53.4



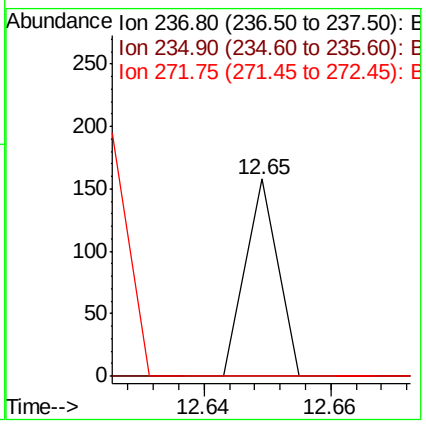


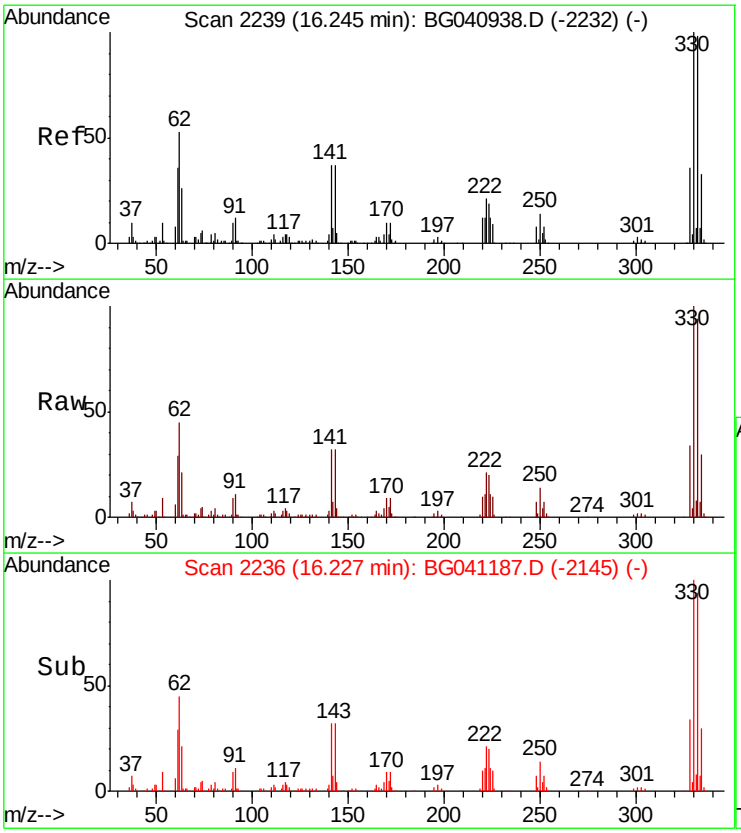
#41
Hexachlorocyclopentadiene
Concen: 8.254 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.25 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:237 Resp: 56

Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9

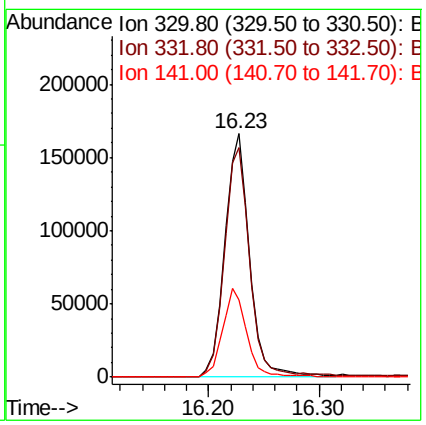


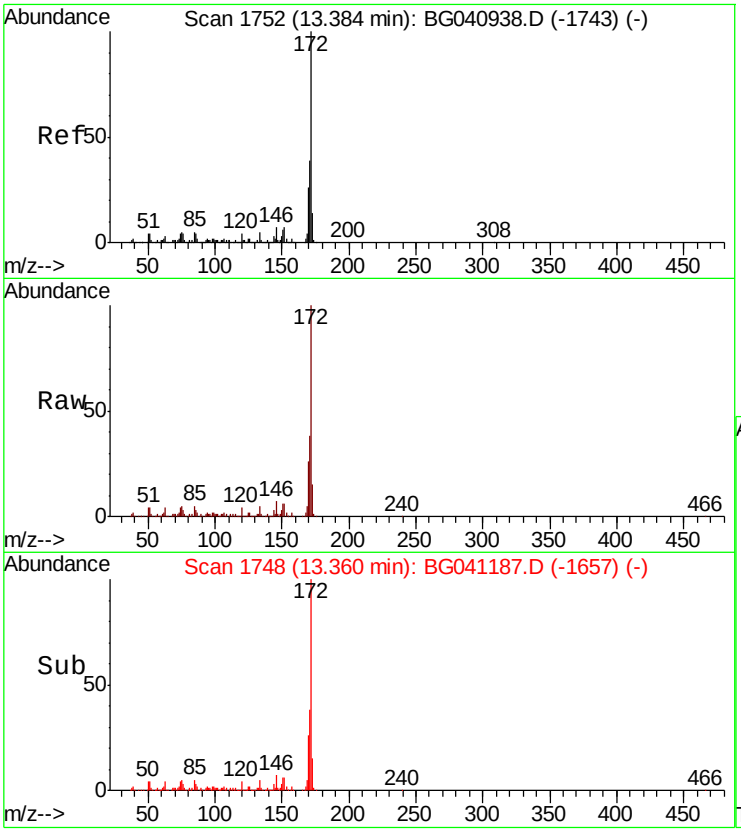


#42
2,4,6-Tribromophenol
Concen: 142.047 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:330 Resp: 262240

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.5	117.7
141	35.8	28.7	43.1



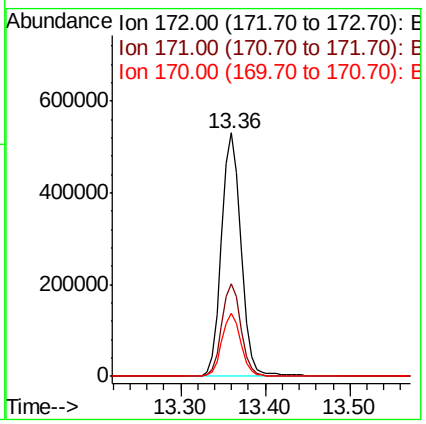


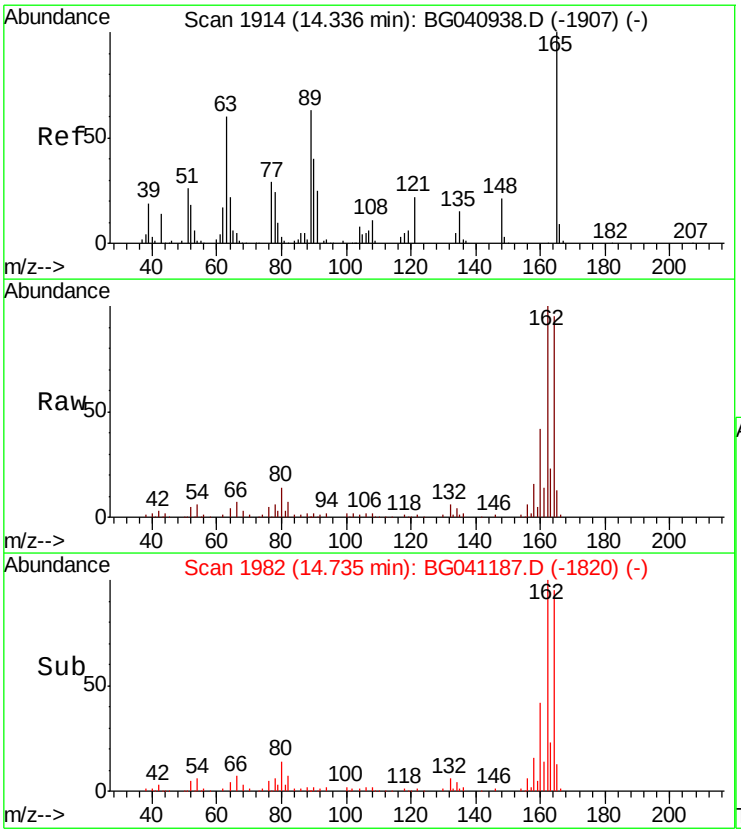
#45
2-Fluorobiphenyl
Concen: 99.031 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 855154

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.1	46.7
170	25.7	20.5	30.7

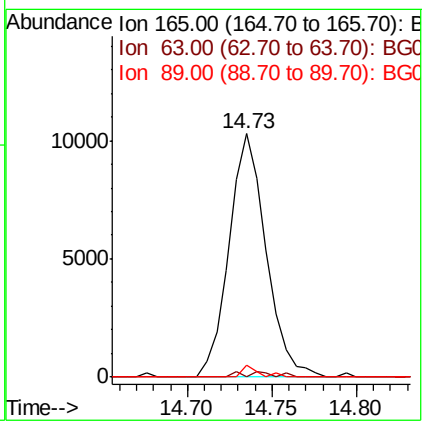


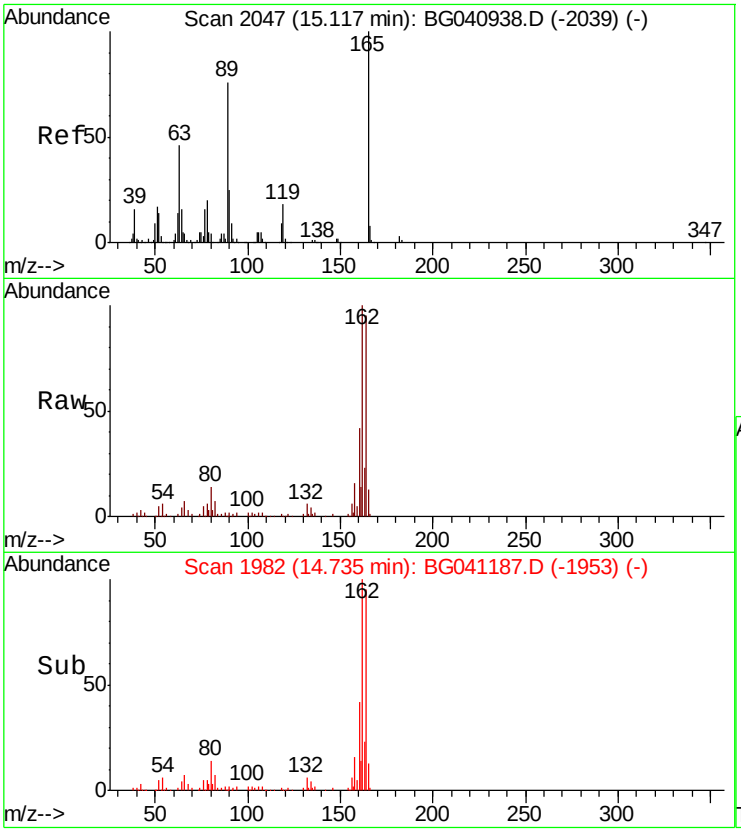


#51
2,6-Dinitrotoluene
Concen: 6.883 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.42 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:165 Resp: 15623

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	4.8	50.4	75.6#



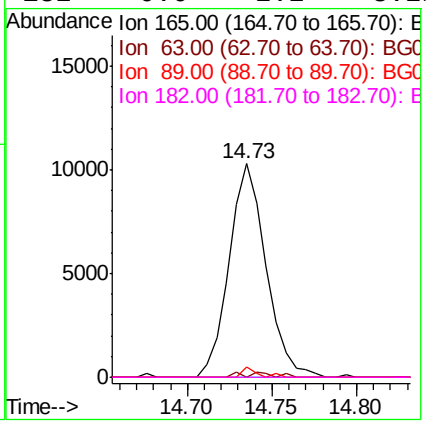


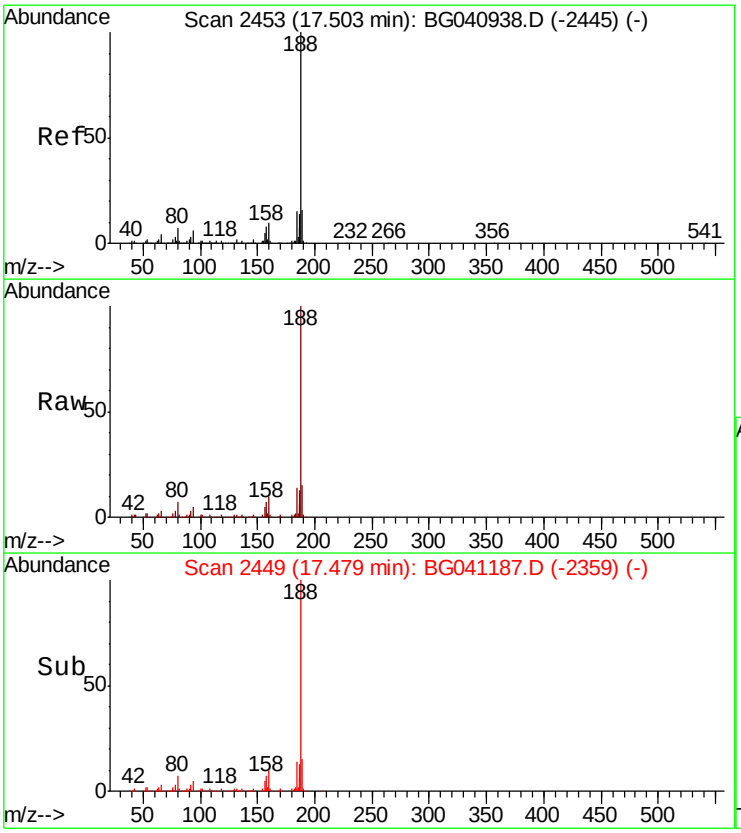
#57
2,4-Dinitrotoluene
Concen: 4.873 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15623

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	4.8	61.0	91.6#
182	0.0	2.2	3.2#

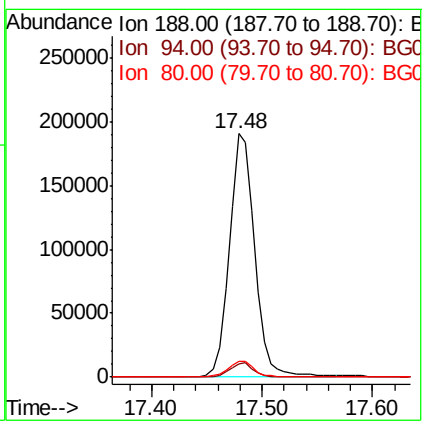


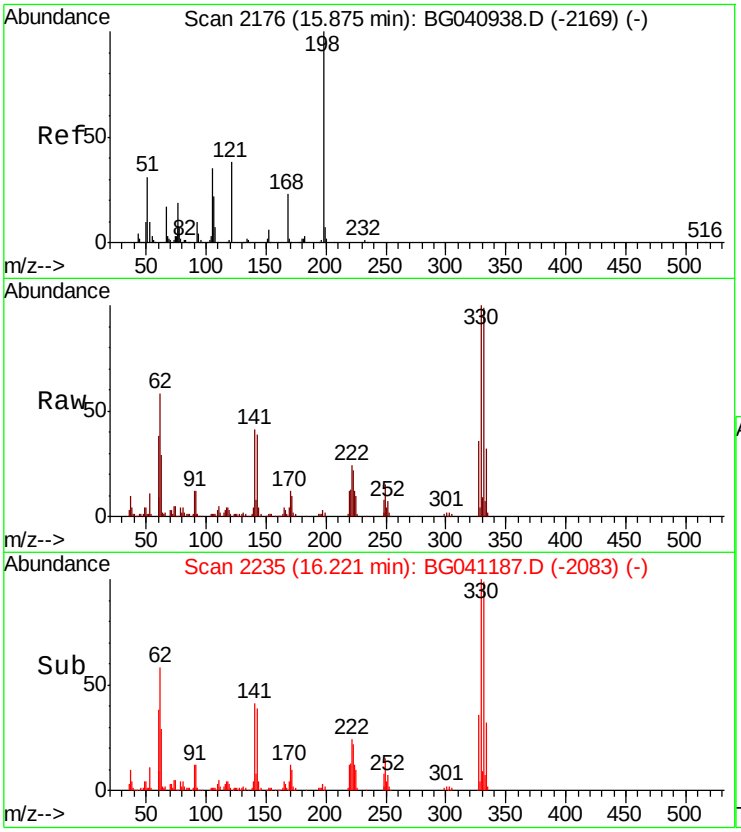


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:188 Resp: 306330

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.7	7.1
80	6.7	5.8	8.8



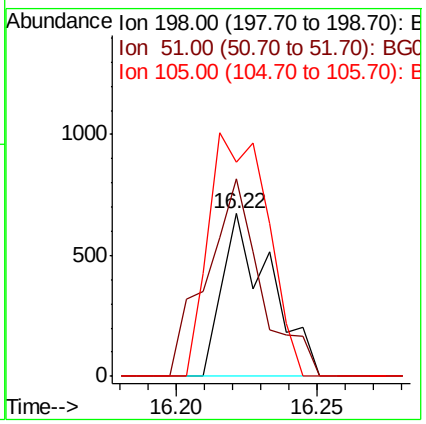


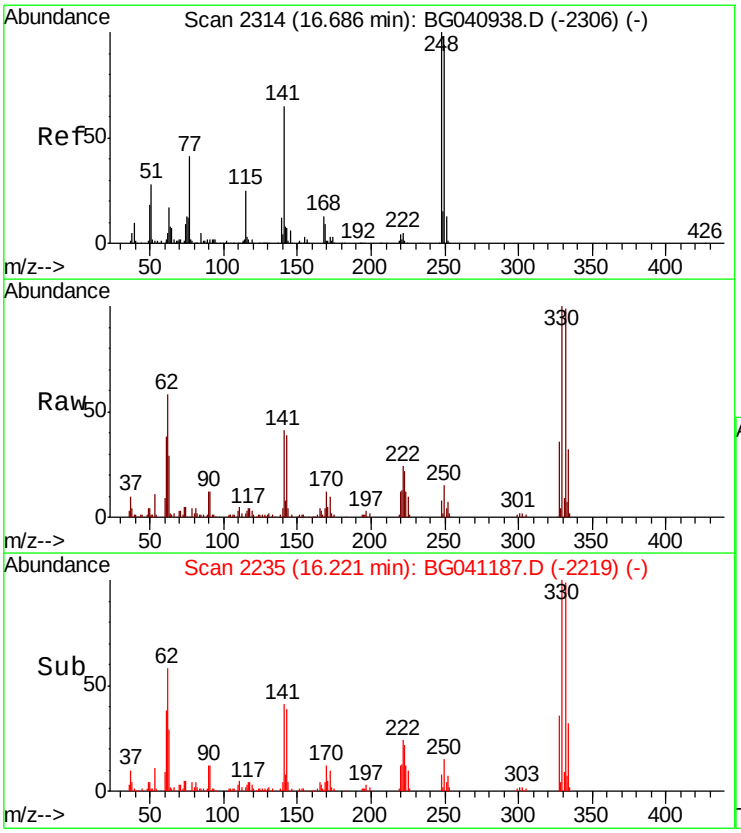
#65
4,6-Dinitro-2-methylphenol
Concen: 8.991 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.36 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 802

Ion	Ratio	Lower	Upper
198	100		
51	121.7	21.6	61.6#
105	132.1	17.5	57.5#

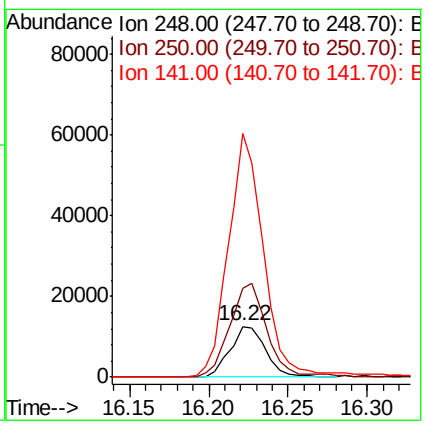


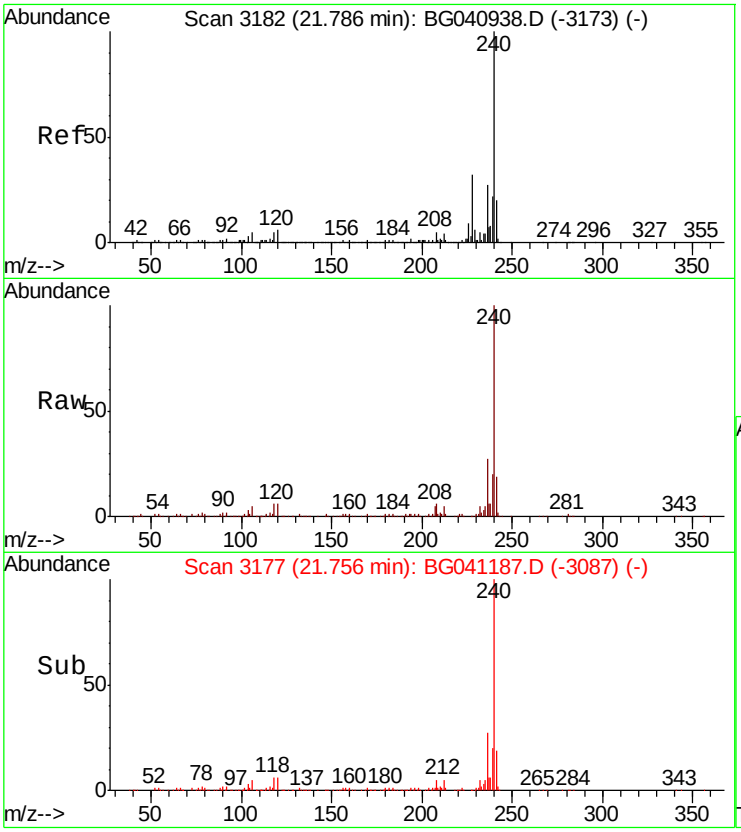


#67
4-Bromophenyl-phenylether
Concen: 4.755 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.44 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:248 Resp: 19659

Ion	Ratio	Lower	Upper
248	100		
250	176.3	75.0	112.4#
141	482.9	52.4	78.6#



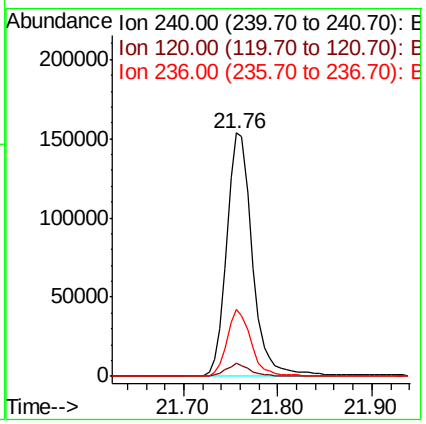


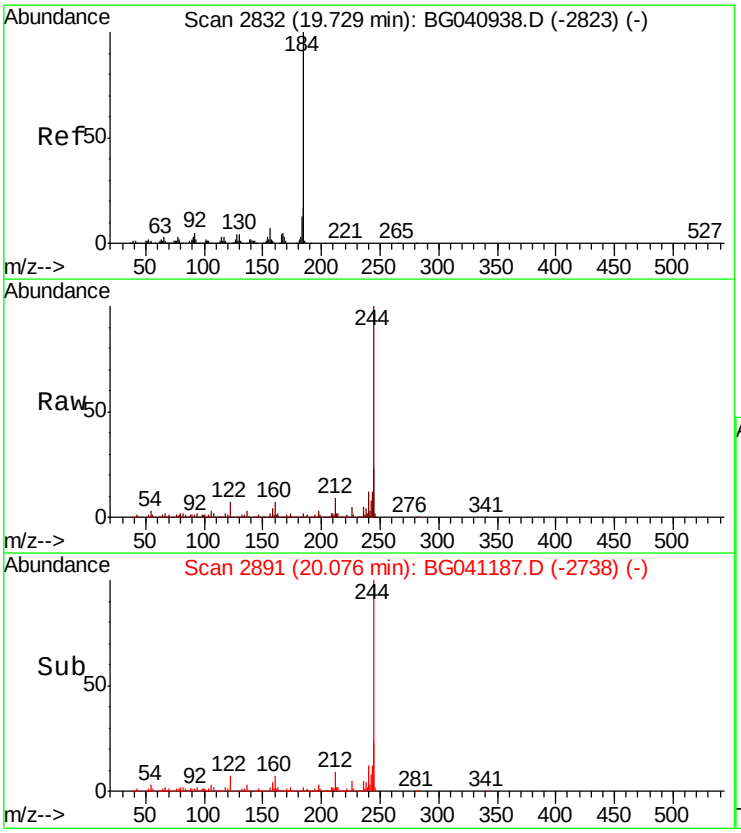
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 291697

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.5	6.7
236	27.3	21.3	31.9

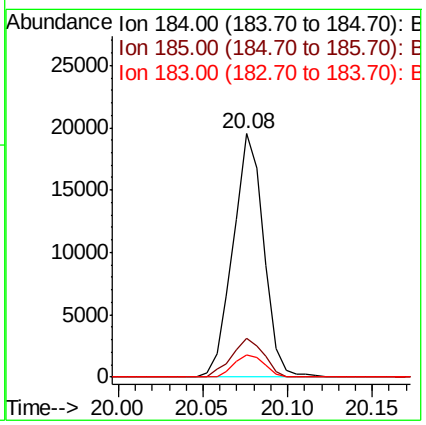


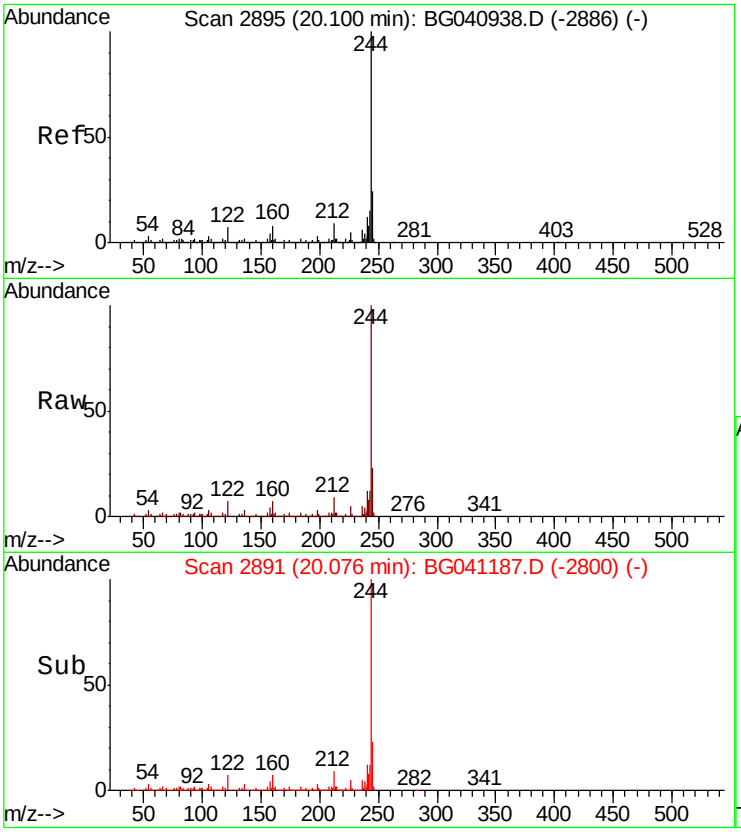


#77
Benzidine
Concen: 3.550 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:184 Resp: 24706

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.3	19.9
183	9.2	10.7	16.1#



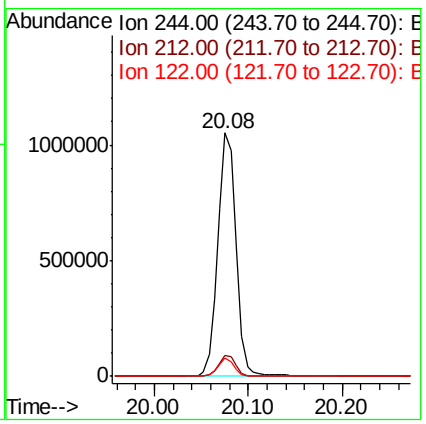


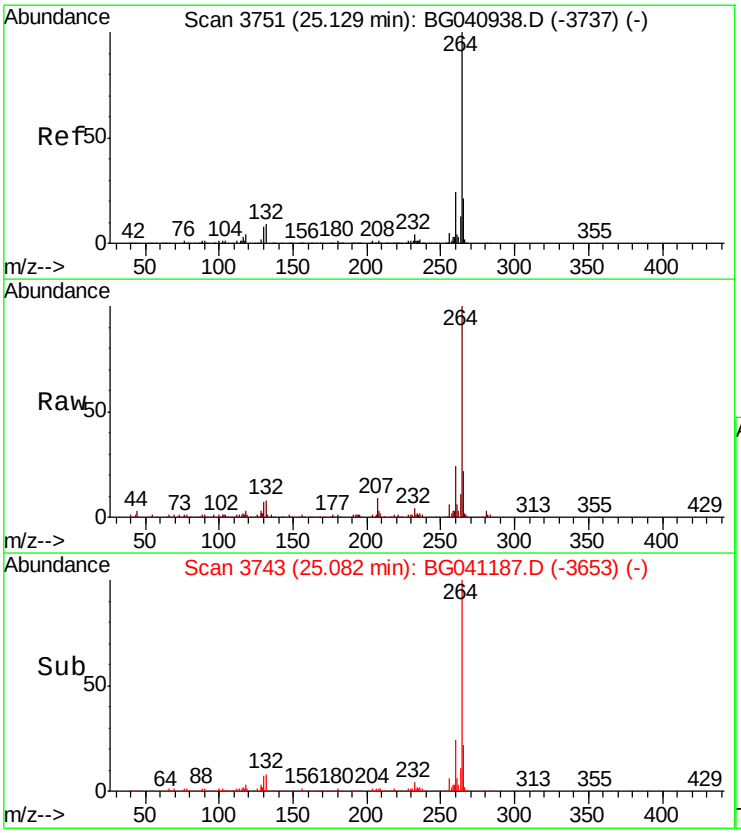
#79
Terphenyl-d14
Concen: 104.383 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1434648

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	7.4	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion:264 Resp: 279316

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.9	17.0	25.4