Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041138.D
Acq On : 8 Jun 2019 18:03
Operator : HP/JU
Sample : K3160-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 09 23:01:48 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	8.11	152	44130	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	178952	20.00	ng	-0.03
39) Acenaphthene-d10	14.73	164	134525	20.00	ng	-0.03
64) Phenanthrene-d10	17.48	188	345999	20.00	ng	-0.03
76) Chrysene-d12	21.75	240	352471	20.00	ng	-0.03
87) Perylene-d12	25.07	264	365303	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	318301	130.06	ng	-0.02
7) Phenol-d6	7.25	99	423325	112.00	ng	-0.02
23) Nitrobenzene-d5	9.28	82	361134	89.59	ng	-0.03
42) 2,4,6-Tribromophenol	16.22	330	237340	118.84	ng	-0.03
45) 2-Fluorobiphenyl	13.36	172	879381	94.14	ng	-0.03
79) Terphenyl-d14	20.07	244	1527913	92.00	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	51896	17.842	ng	# 73
32) Benzoic acid	9.96	122	55	8.151	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	17705	7.211	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	17705	5.105	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.75	198	64	8.618	ng	# 36
67) 4-Bromophenyl-phenylether	16.22	248	17847	3.822	ng	# 1
77) Benzidine	20.07	184	26884	3.197	ng	# 93

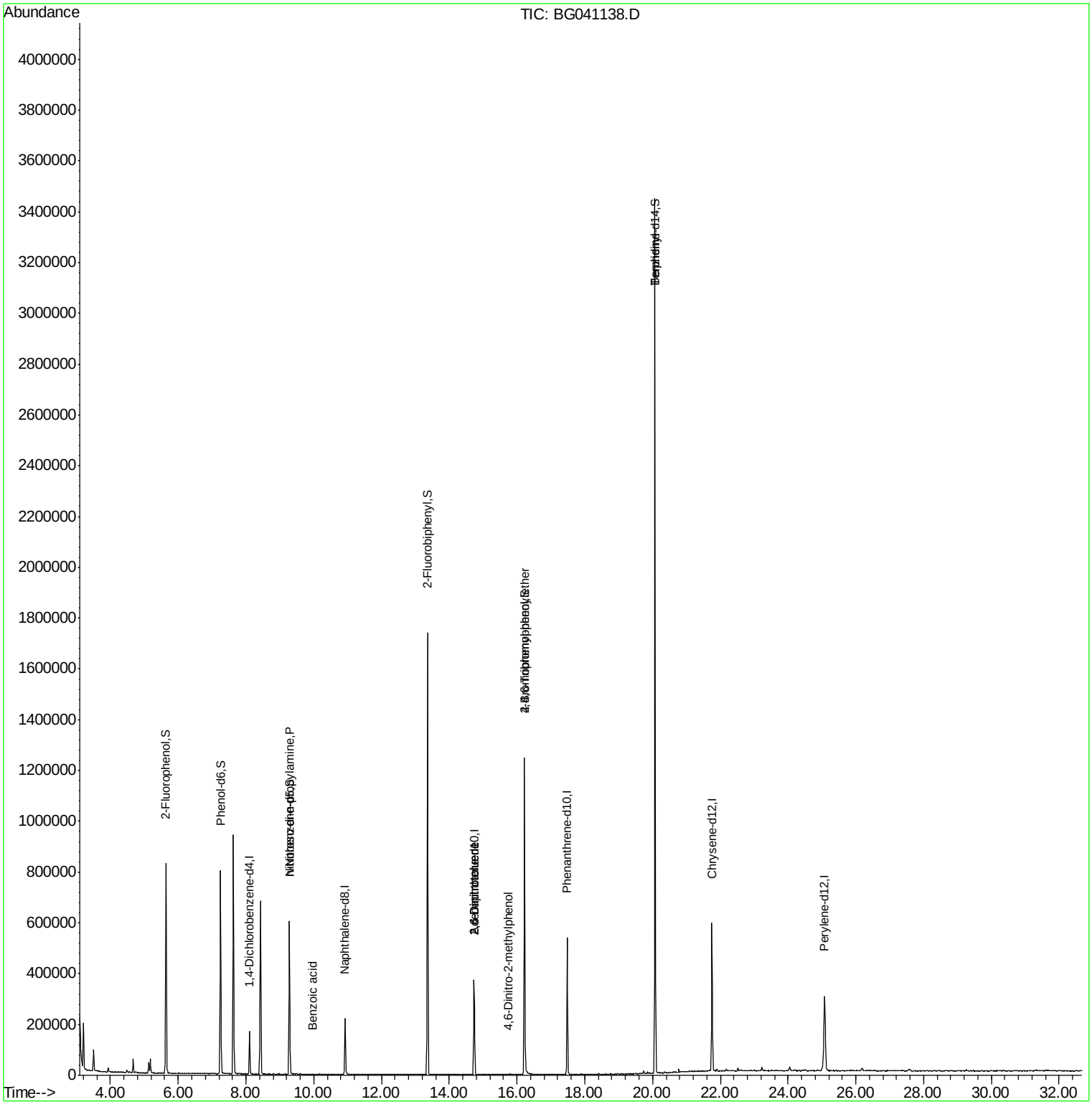
(#) = qualifier out of range (m) = manual integration (+) = signals summed

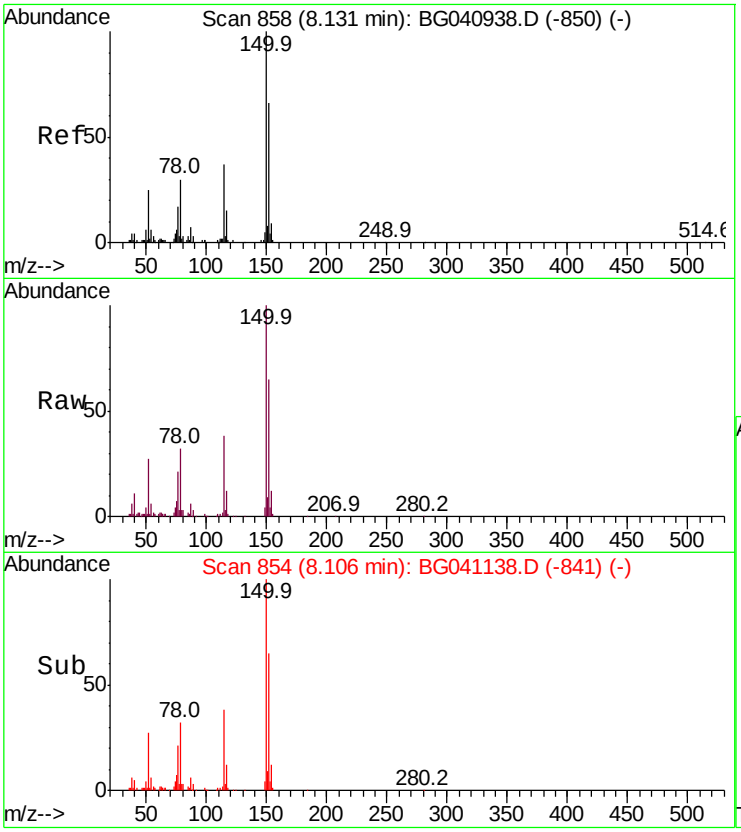
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041138.D
Acq On : 8 Jun 2019 18:03
Operator : HP/JU
Sample : K3160-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 09 23:01:48 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



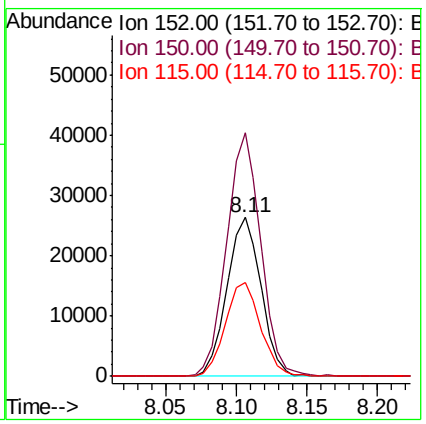


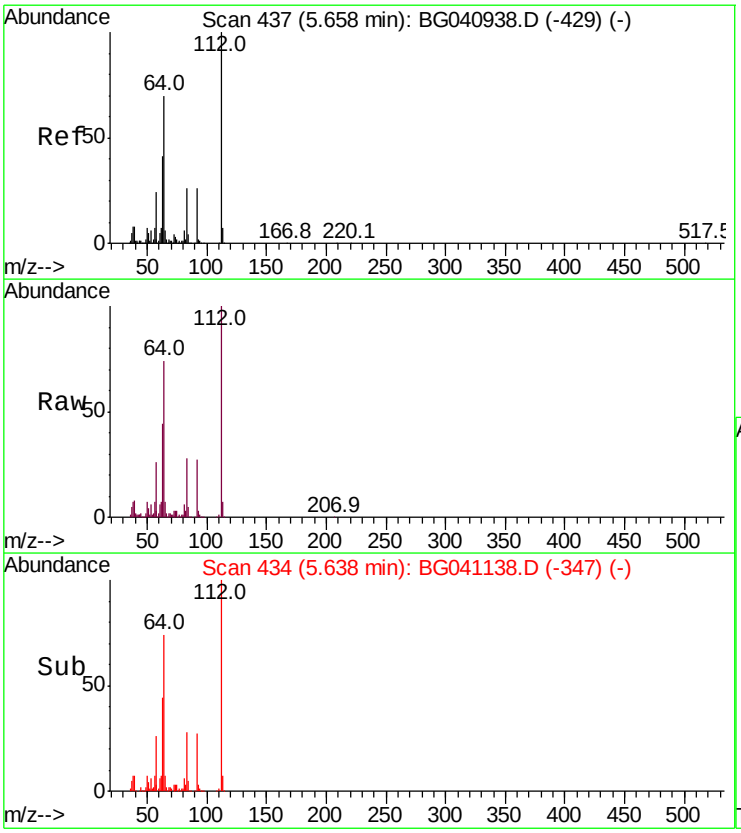
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44130

Ion	Ratio	Lower	Upper
152	100		
150	153.4	120.6	180.8
115	59.0	45.1	67.7

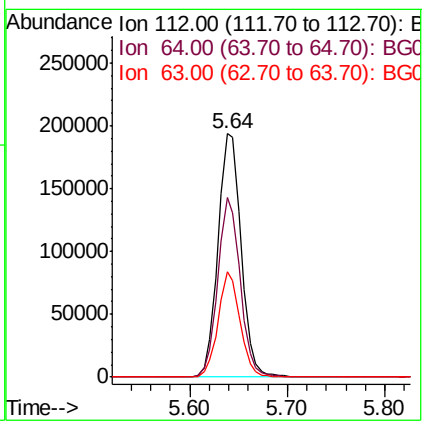


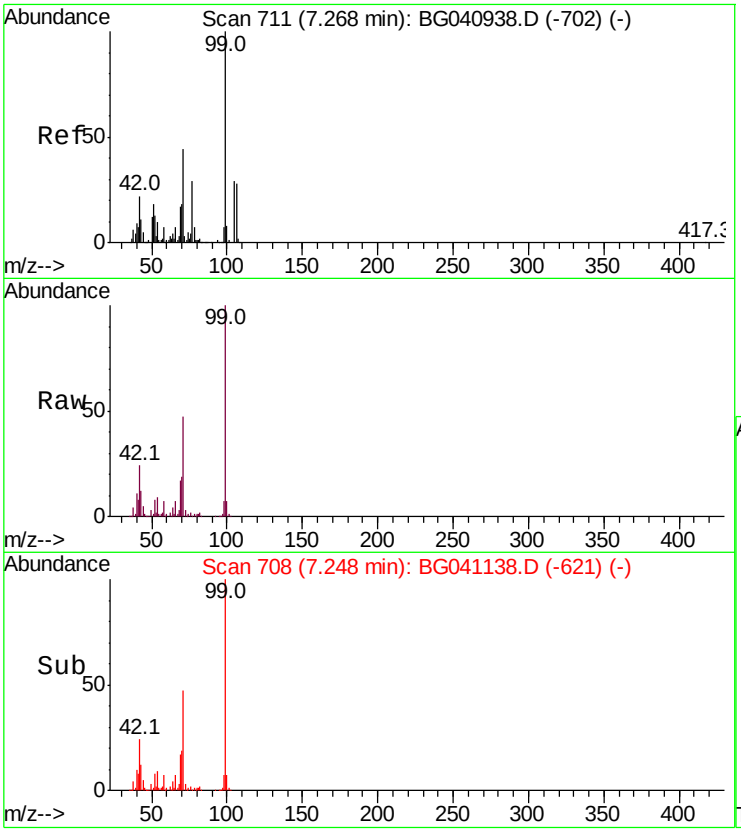


#5
2-Fluorophenol
Concen: 130.062 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion:112 Resp: 318301

Ion	Ratio	Lower	Upper
112	100		
64	74.0	56.2	84.2
63	43.5	32.8	49.2



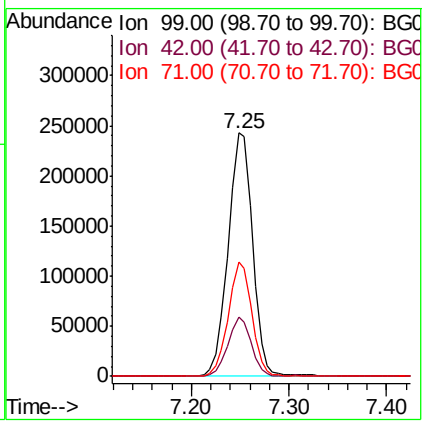


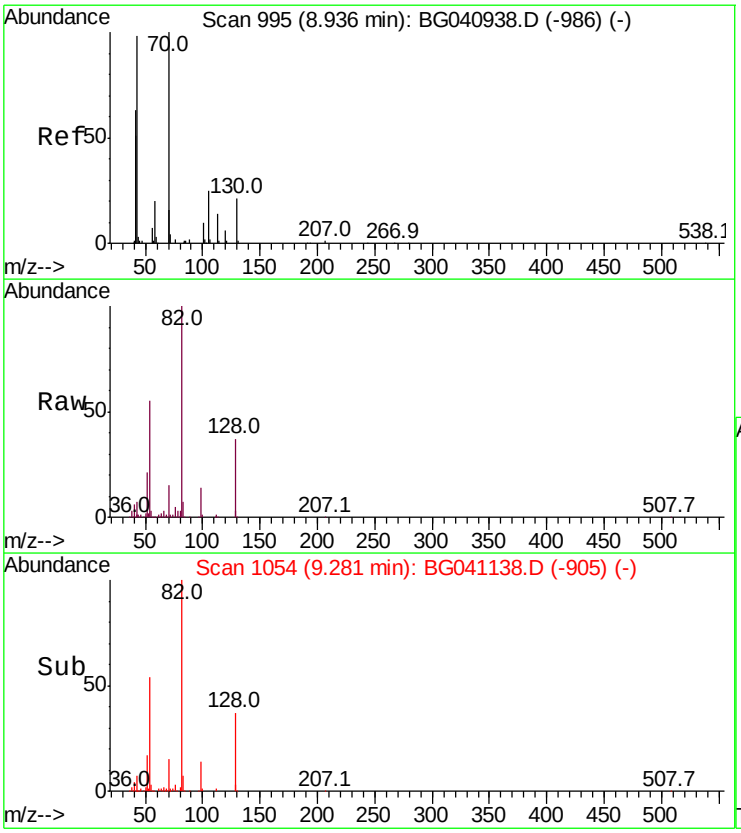
#7
Phenol-d6
Concen: 112.003 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 423325

Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.9	26.9
71	47.0	35.4	53.0

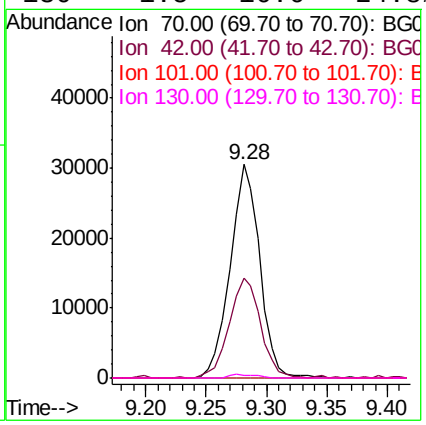


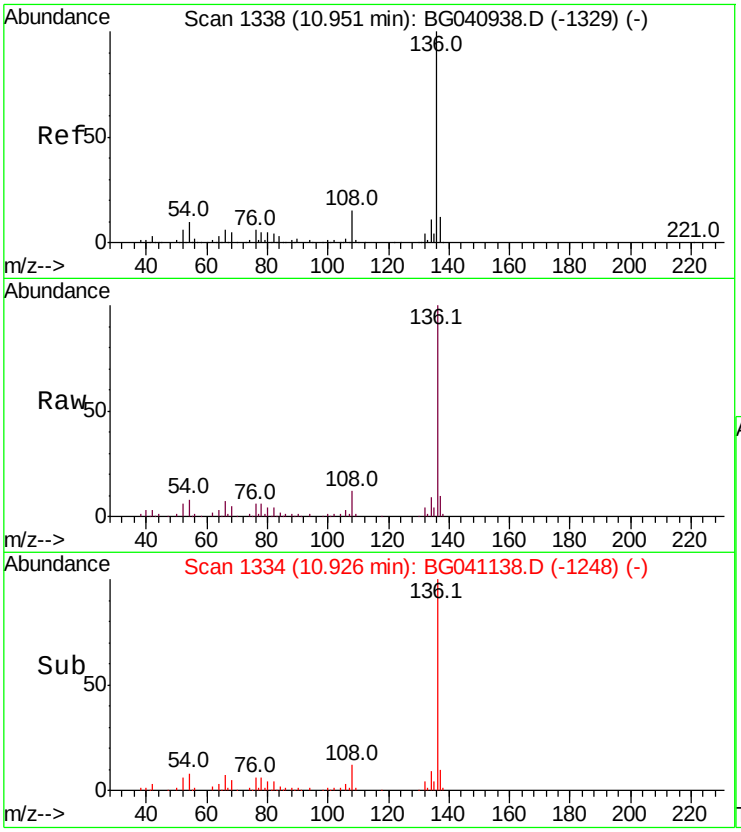


#19
n-Nitroso-di-n-propylamine
Concen: 17.842 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.34 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion: 70 Resp: 51896

Ion	Ratio	Lower	Upper
70	100		
42	47.0	51.5	77.3#
101	0.0	8.1	12.1#
130	1.5	16.6	24.8#



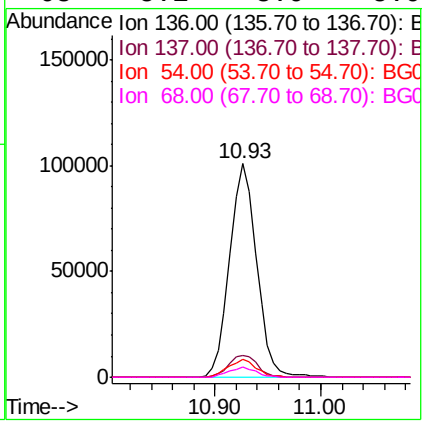


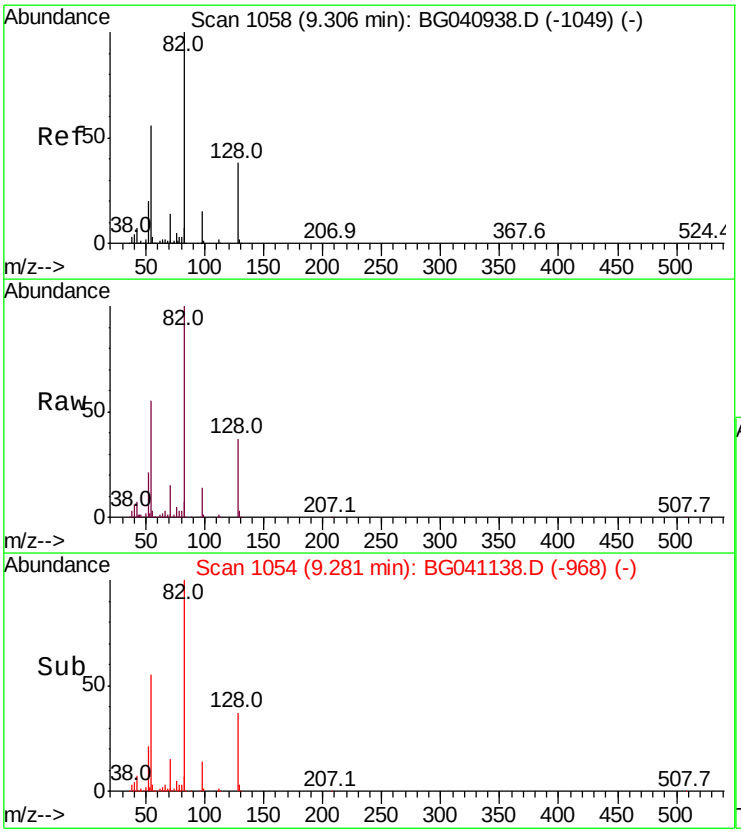
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 178952

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.5	14.3
54	8.4	7.6	11.4
68	5.1	3.9	5.9

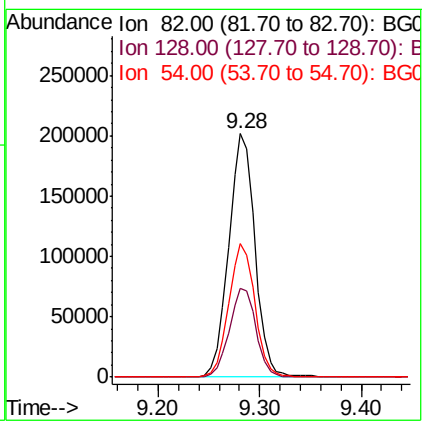


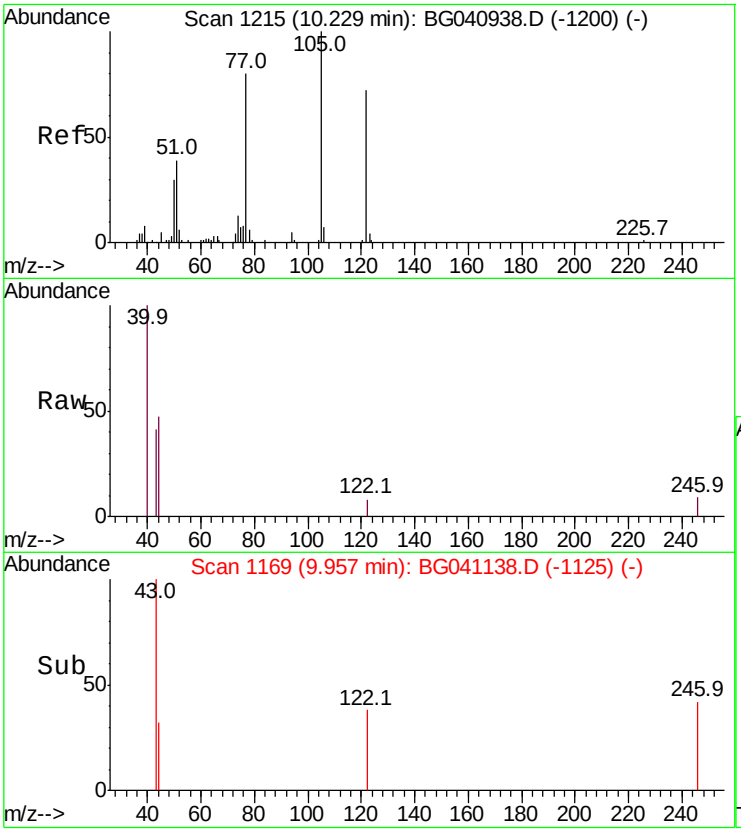


#23
Nitrobenzene-d5
Concen: 89.589 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion: 82 Resp: 361134

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.5	45.7
54	54.9	44.6	66.8



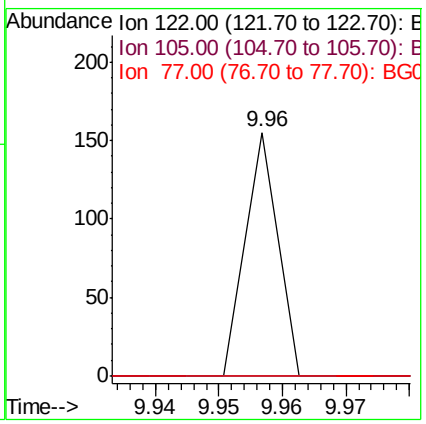


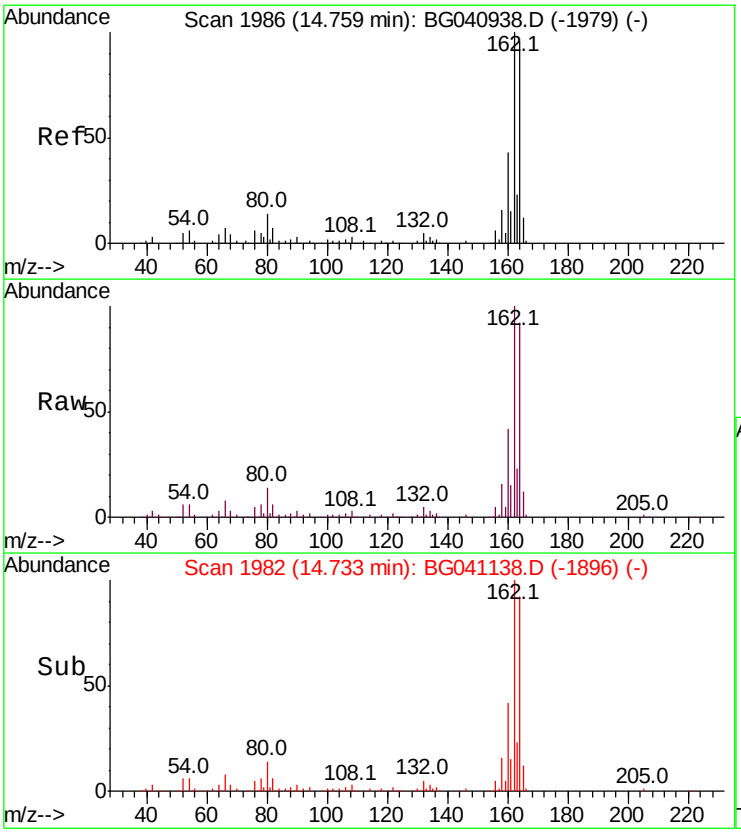
#32
Benzoic acid
Concen: 8.151 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.27 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 55

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

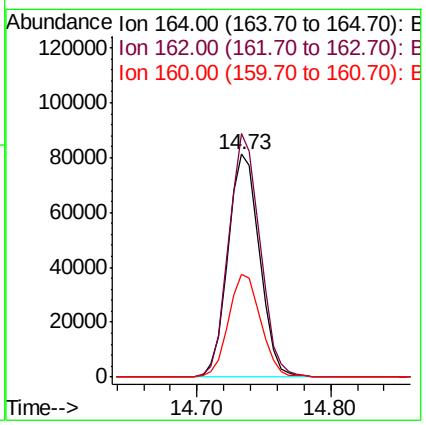


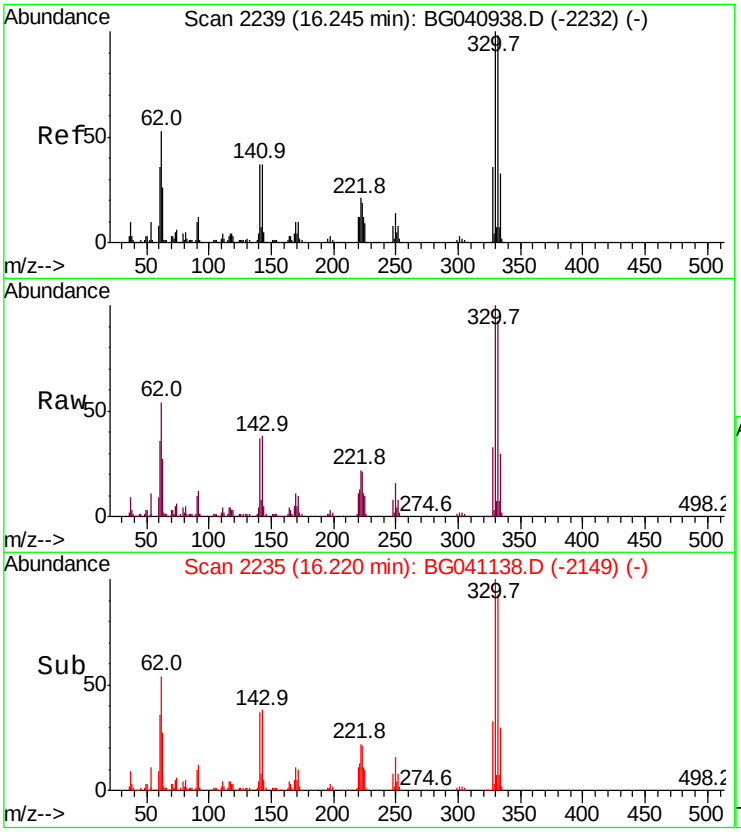


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion:164 Resp: 134525

Ion	Ratio	Lower	Upper
164	100		
162	109.2	83.0	124.4
160	46.3	35.6	53.4



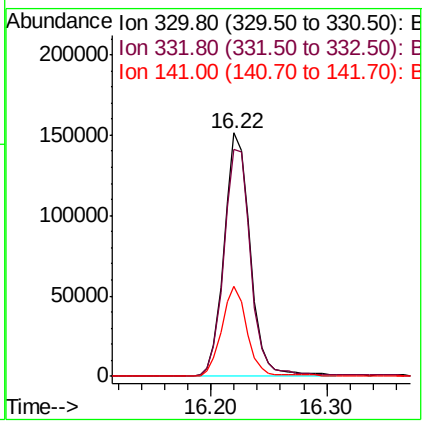


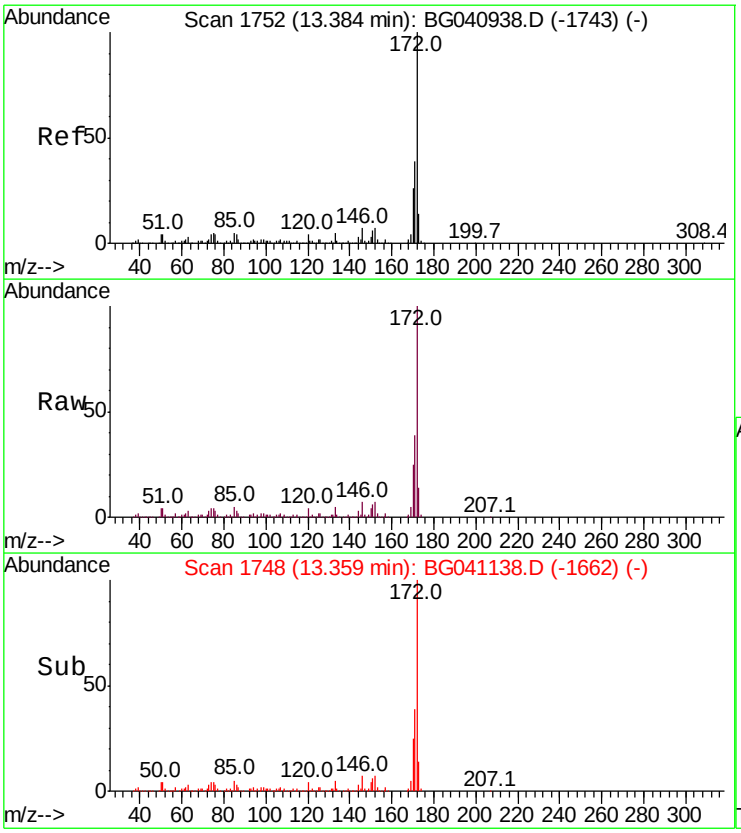
#42
2,4,6-Tribromophenol
Concen: 118.841 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 237340

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.5	117.7
141	36.4	28.7	43.1

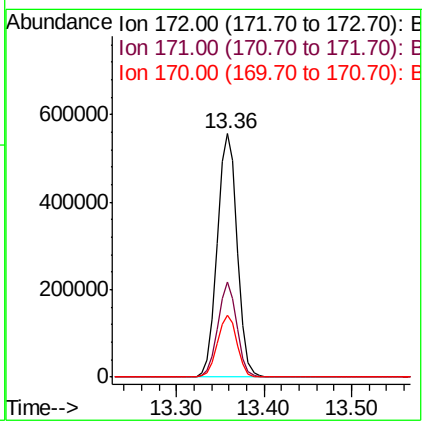


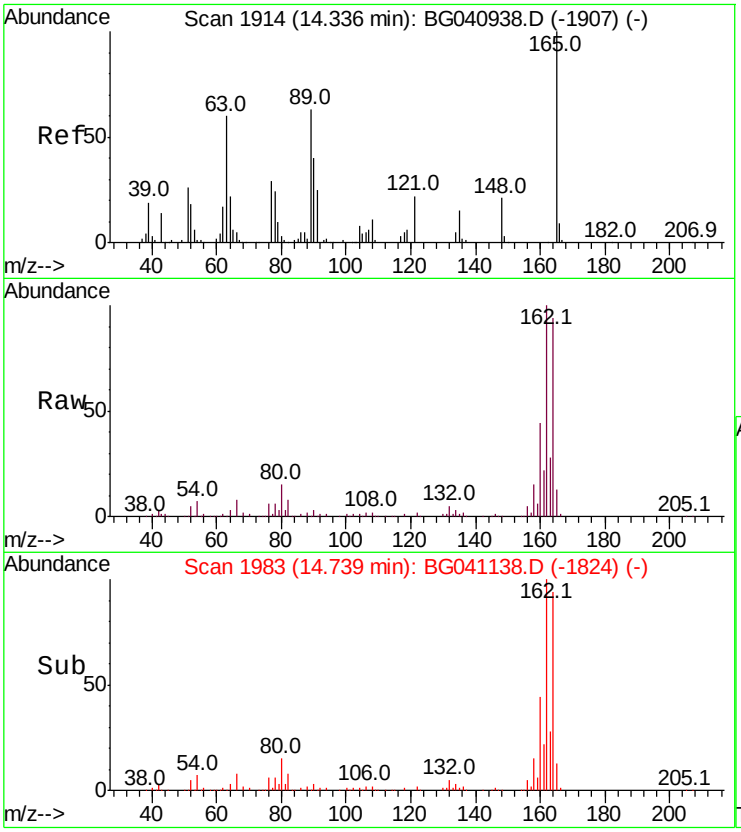


#45
2-Fluorobiphenyl
Concen: 94.139 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion:172 Resp: 879381

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.1	46.7
170	25.3	20.5	30.7



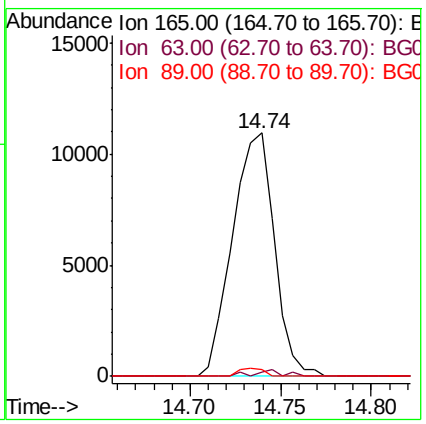


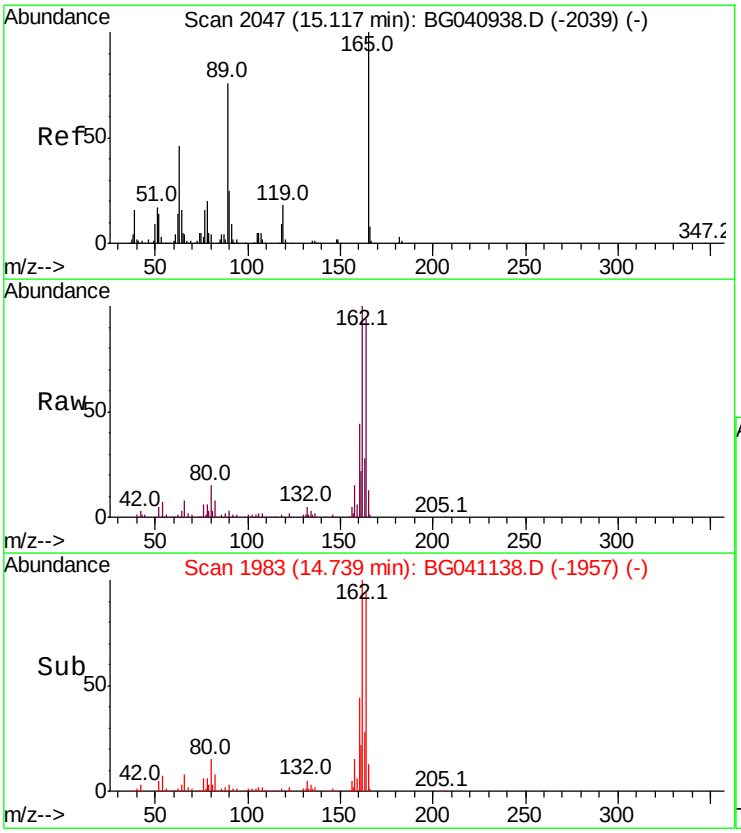
#51
2,6-Dinitrotoluene
Concen: 7.211 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.40 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17705

Ion	Ratio	Lower	Upper
165	100		
63	1.6	53.6	80.4#
89	2.8	50.4	75.6#

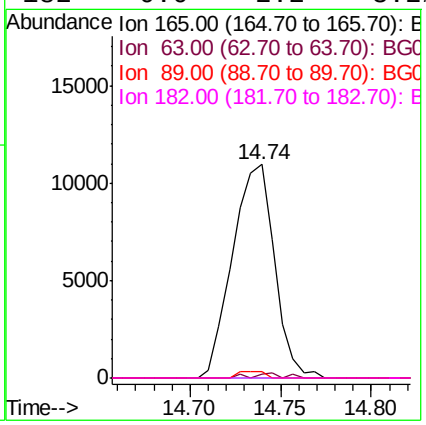


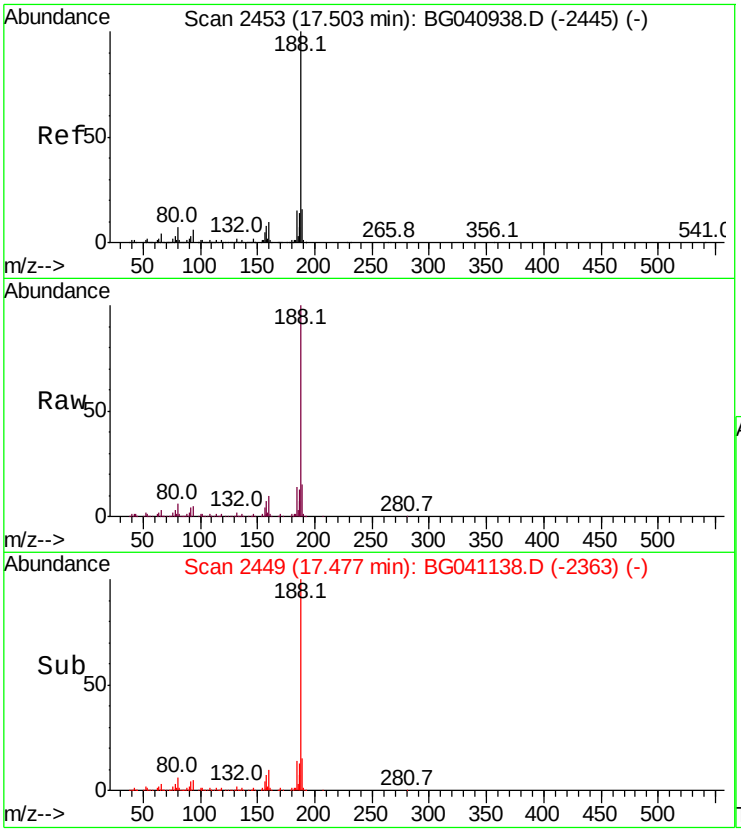


#57
2,4-Dinitrotoluene
Concen: 5.105 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.38 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion:165 Resp: 17705

Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.3	55.9#
89	2.8	61.0	91.6#
182	0.0	2.2	3.2#



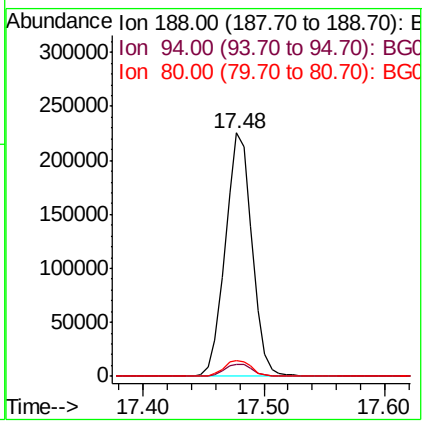


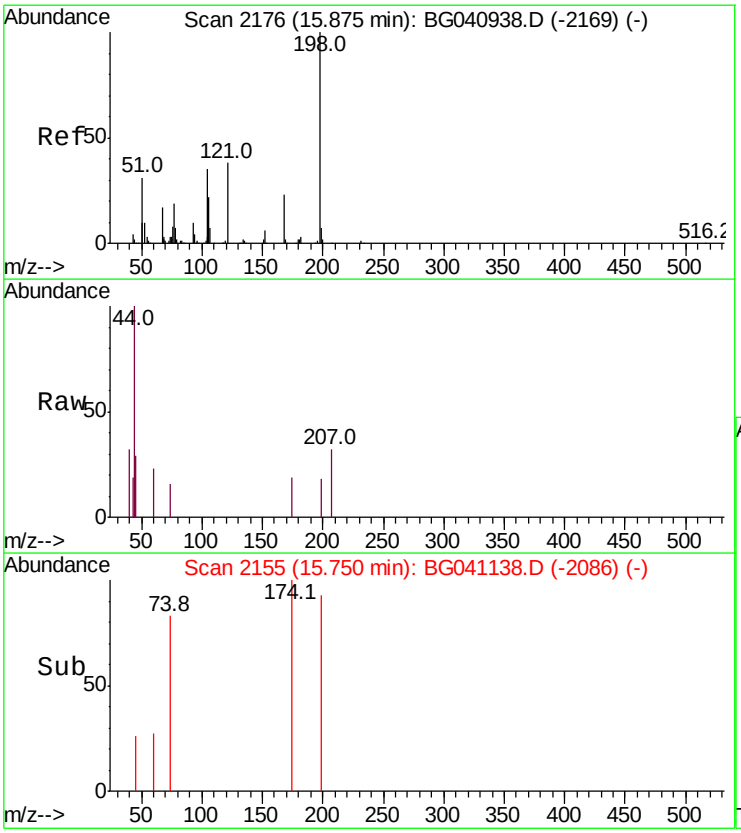
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 345999

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.7	7.1
80	6.5	5.8	8.8

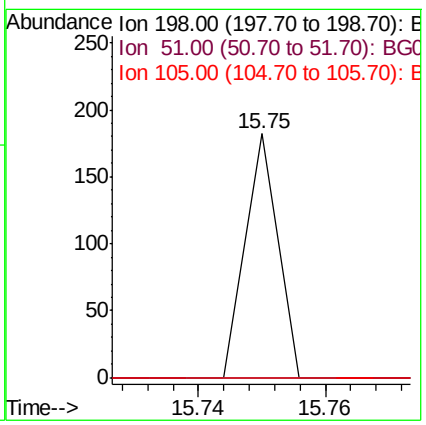


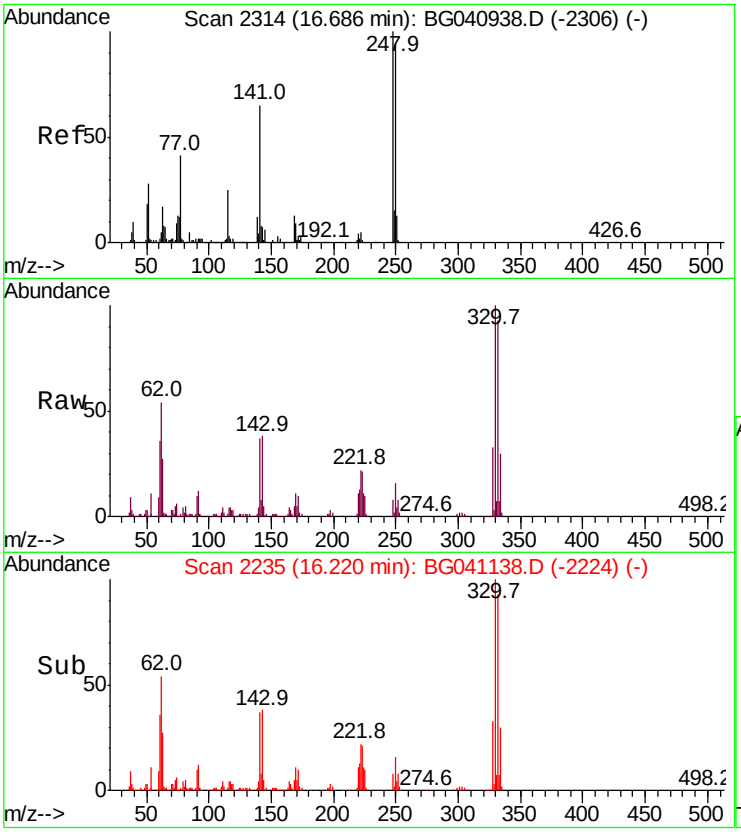


#65
4,6-Dinitro-2-methylphenol
Concen: 8.618 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.13 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion:198 Resp: 64

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



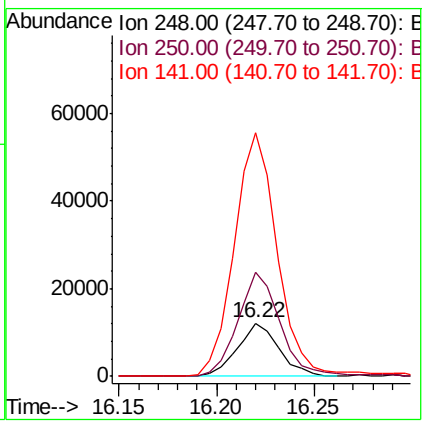


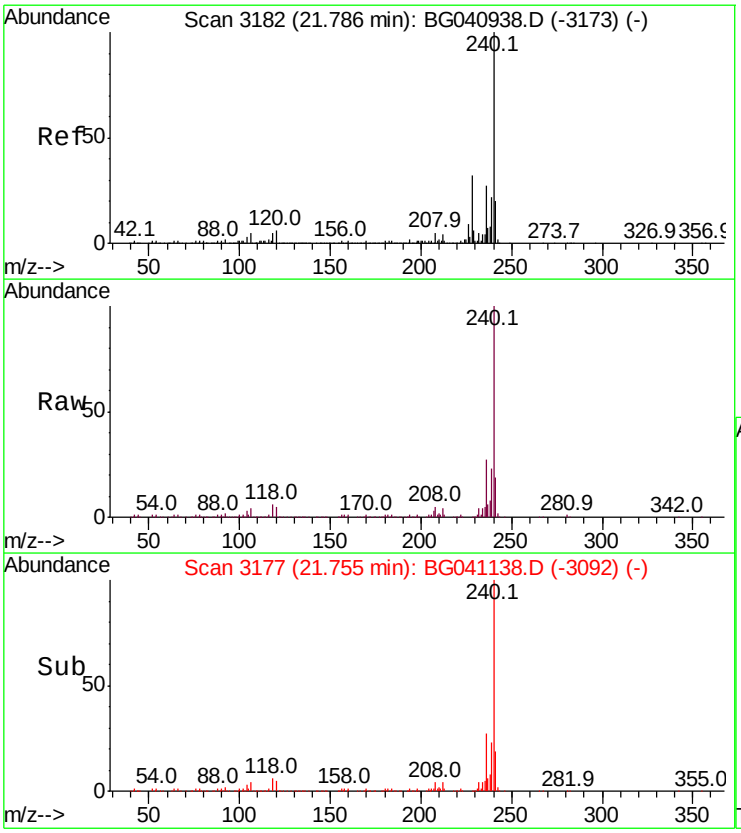
#67
4-Bromophenyl-phenylether
Concen: 3.822 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.47 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17847

Ion	Ratio	Lower	Upper
248	100		
250	193.9	75.0	112.4#
141	454.9	52.4	78.6#

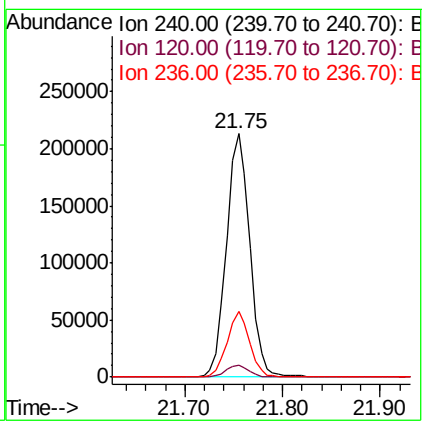


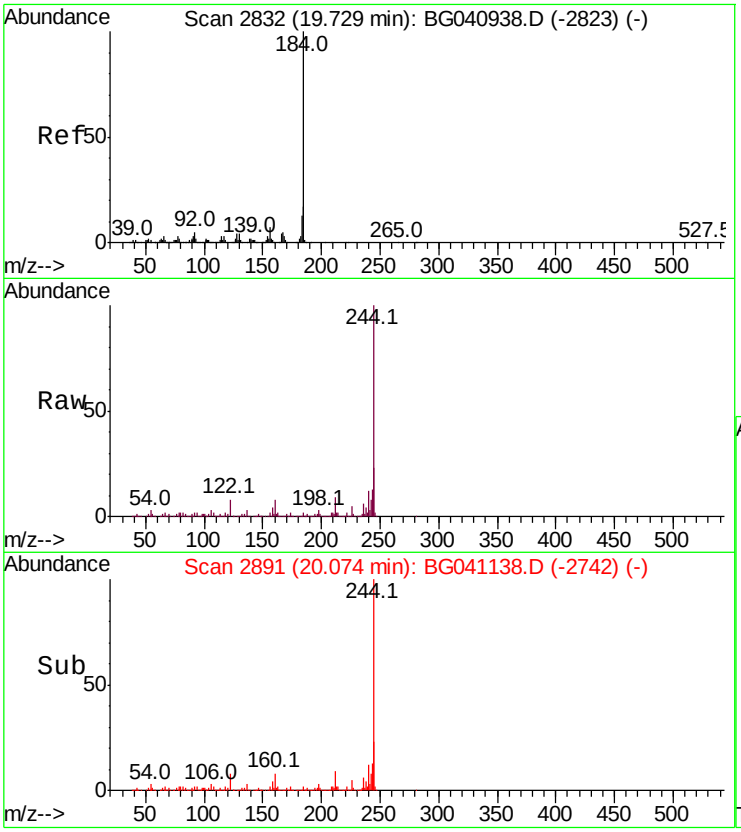


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion:240 Resp: 352471

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.5	6.7
236	26.9	21.3	31.9



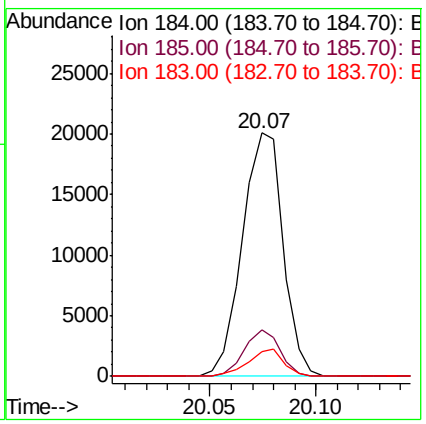


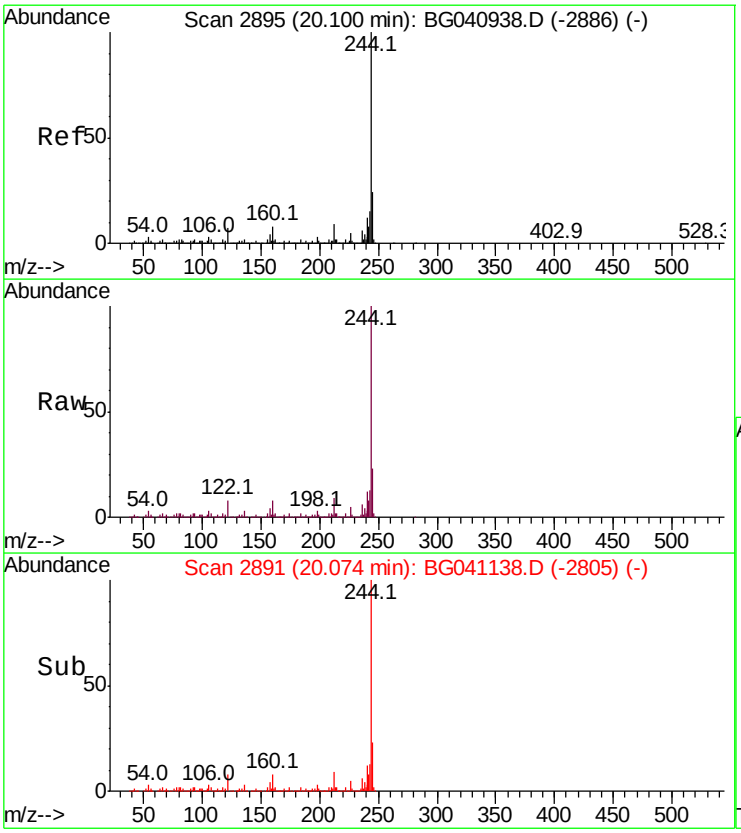
#77
Benzidine
Concen: 3.197 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.34 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 26884

Ion	Ratio	Lower	Upper
184	100		
185	19.1	13.3	19.9
183	9.9	10.7	16.1#

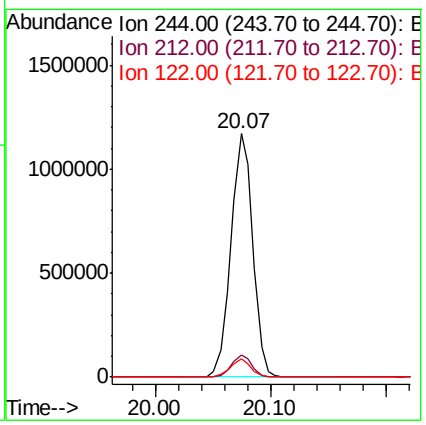


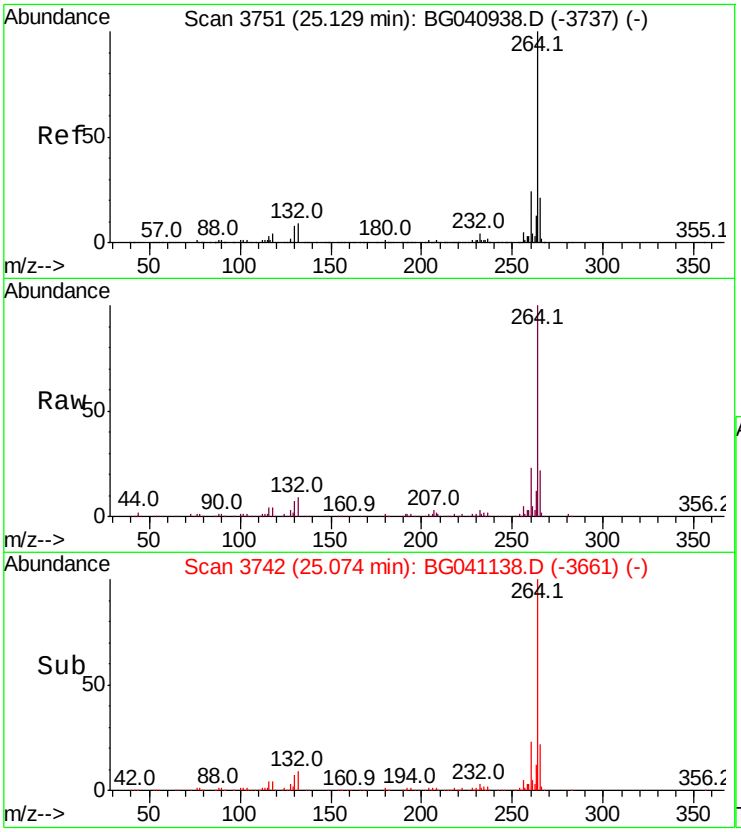


#79
Terphenyl-d14
Concen: 92.001 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.03 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Tgt Ion:244 Resp: 1527913

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: 25.07 min Scan# 3742
Delta R.T. -0.05 min
Lab File: BG041138.D
Acq: 8 Jun 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 365303

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	22.4	17.0	25.4