Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041119.D
Acq On : 8 Jun 2019 4:45
Operator : HP/JU
Sample : K3160-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-060619-A

Quant Time: Jun 08 07:04:53 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	42381	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	168439	20.00	ng	-0.03
39) Acenaphthene-d10	14.73	164	130872	20.00	ng	-0.03
64) Phenanthrene-d10	17.48	188	333475	20.00	ng	-0.03
76) Chrysene-d12	21.75	240	351821	20.00	ng	-0.03
87) Perylene-d12	25.08	264	367280	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	316349	134.60	ng	-0.01
7) Phenol-d6	7.25	99	425834	117.32	ng	-0.02
23) Nitrobenzene-d5	9.28	82	353955	93.29	ng	-0.03
42) 2,4,6-Tribromophenol	16.22	330	267336	137.60	ng	-0.03
45) 2-Fluorobiphenyl	13.36	172	852543	93.81	ng	-0.03
79) Terphenyl-d14	20.07	244	1529585	92.27	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	49722	17.800	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	17573	7.357	ng	# 18
57) 2,4-Dinitrotoluene	14.73	165	17573	5.208	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.22	198	820	8.966	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	19956	4.434	ng	# 1
77) Benzidine	20.07	184	26431	3.149	ng	# 93

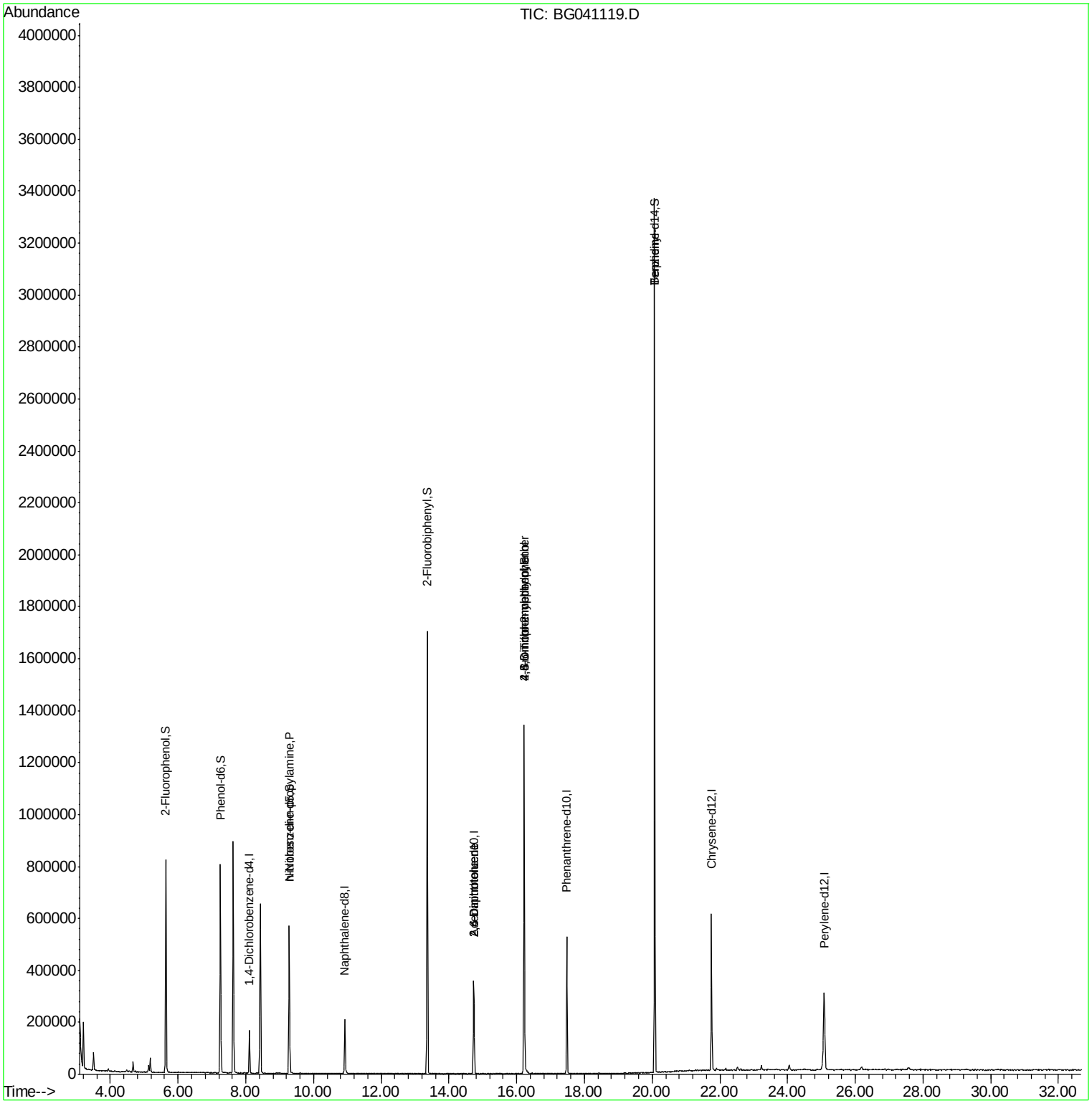
(#) = qualifier out of range (m) = manual integration (+) = signals summed

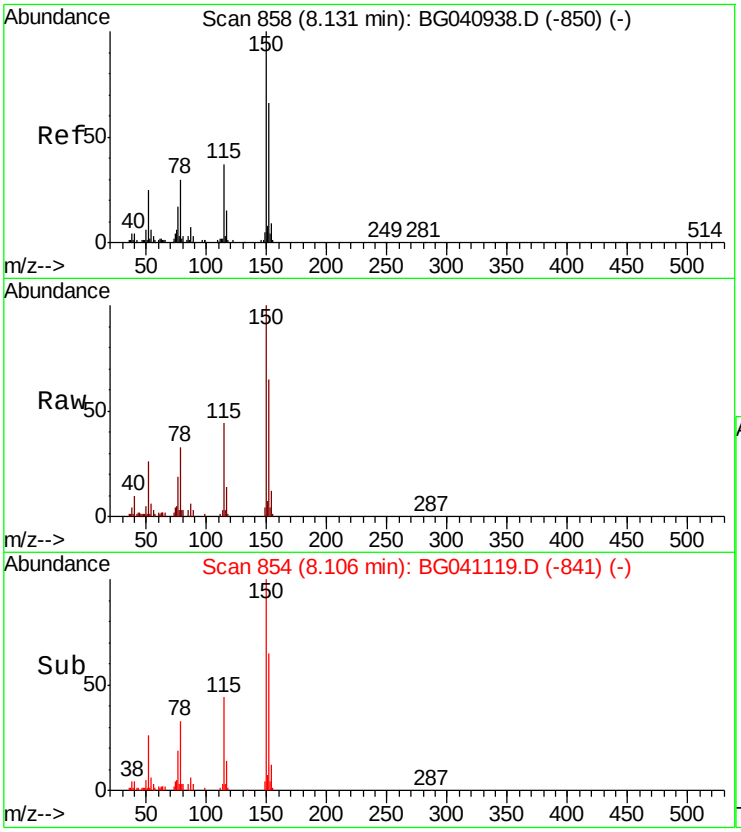
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041119.D
Acq On : 8 Jun 2019 4:45
Operator : HP/JU
Sample : K3160-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Quant Time: Jun 08 07:04:53 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



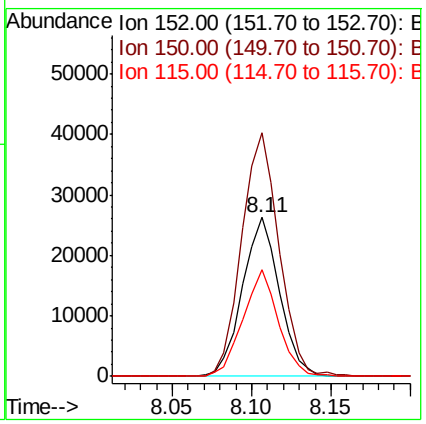


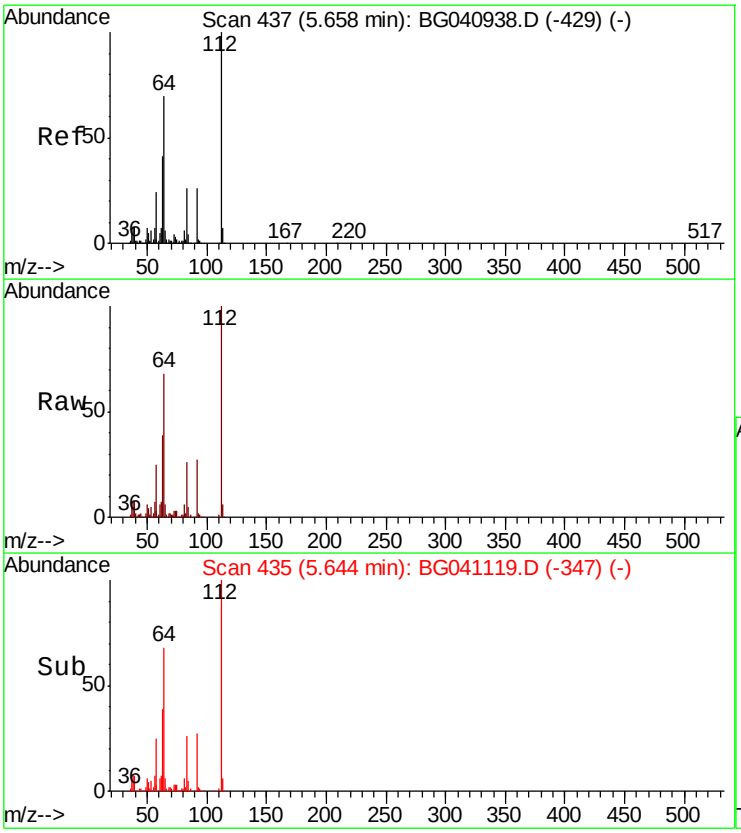
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:152 Resp: 42381

Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.6	180.8
115	66.9	45.1	67.7

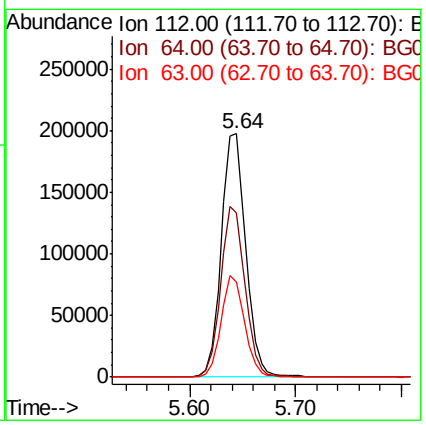


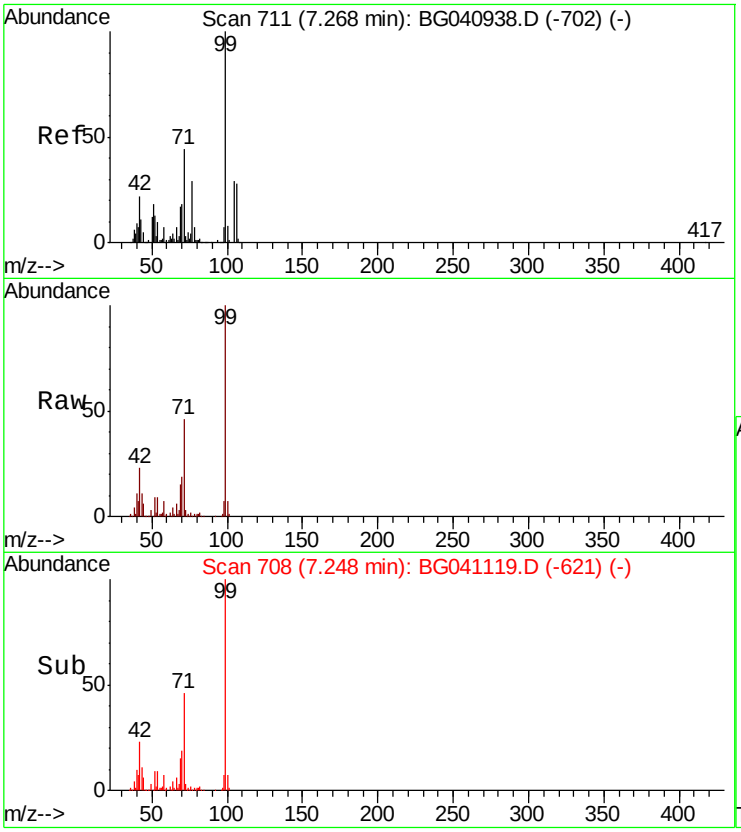


#5
2-Fluorophenol
Concen: 134.599 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:112 Resp: 316349

Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.2	84.2
63	39.1	32.8	49.2



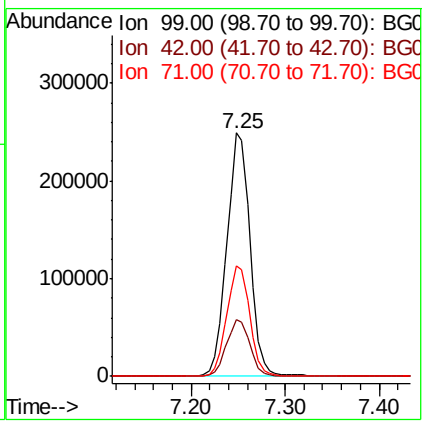


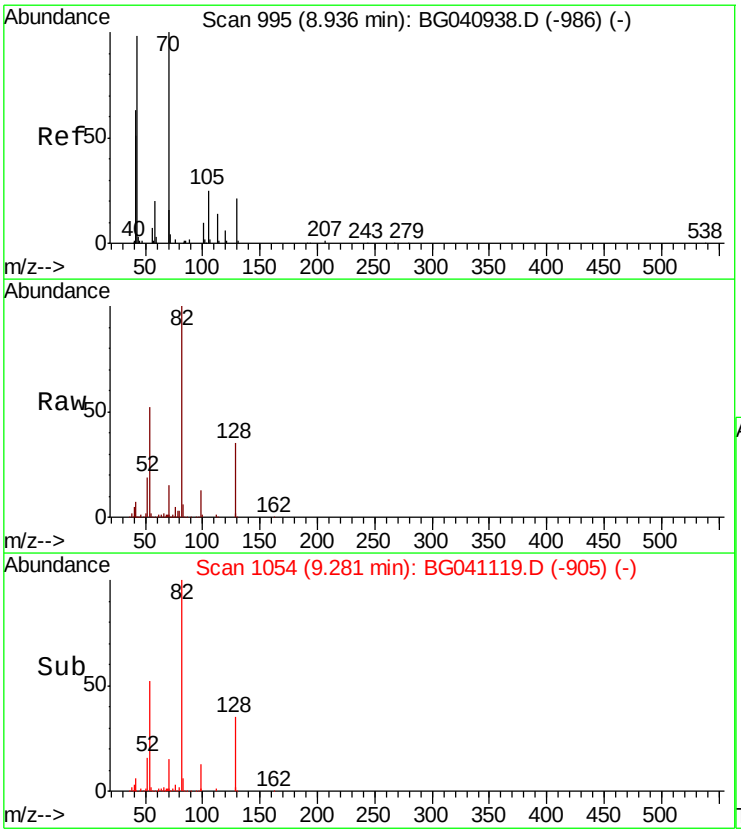
#7
Phenol-d6
Concen: 117.316 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion: 99 Resp: 425834

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.9	26.9
71	45.5	35.4	53.0

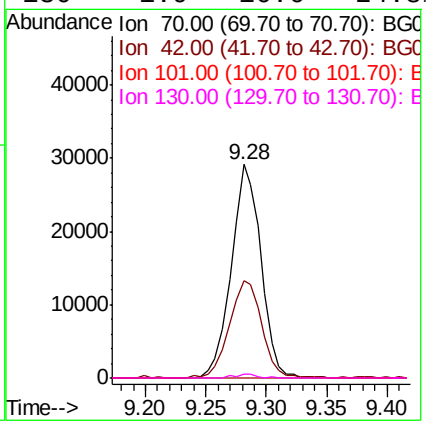


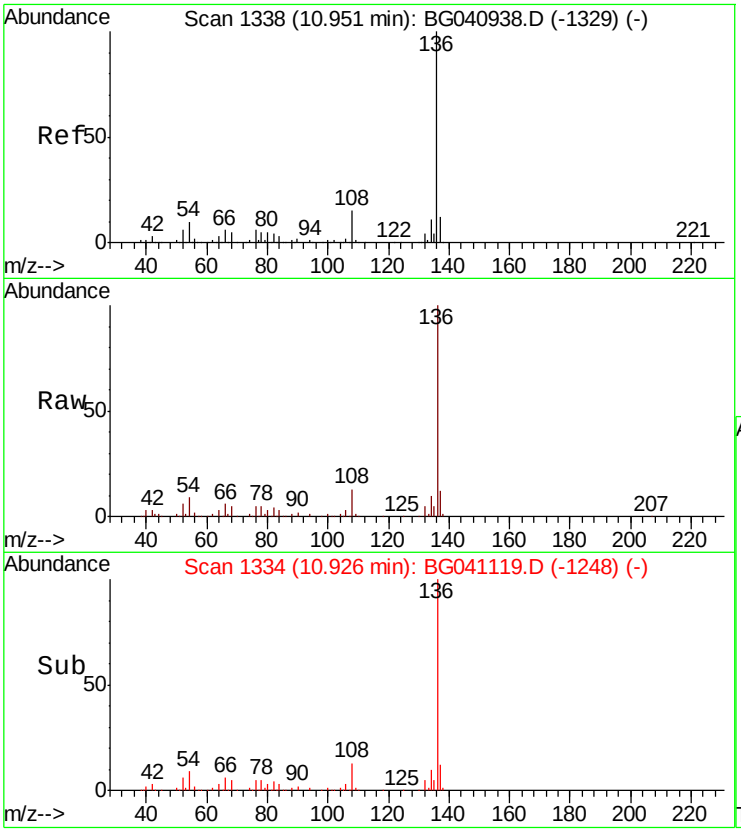


#19
n-Nitroso-di-n-propylamine
Concen: 17.800 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.35 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion: 70 Resp: 49722

Ion	Ratio	Lower	Upper
70	100		
42	45.7	51.5	77.3#
101	0.0	8.1	12.1#
130	1.9	16.6	24.8#



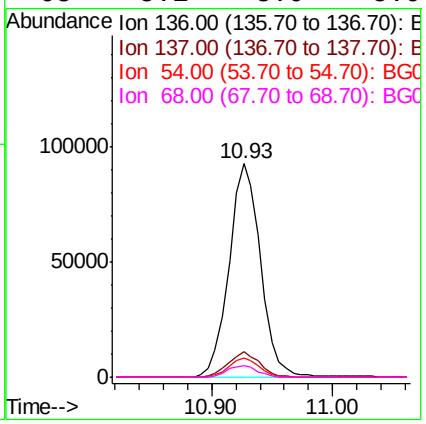


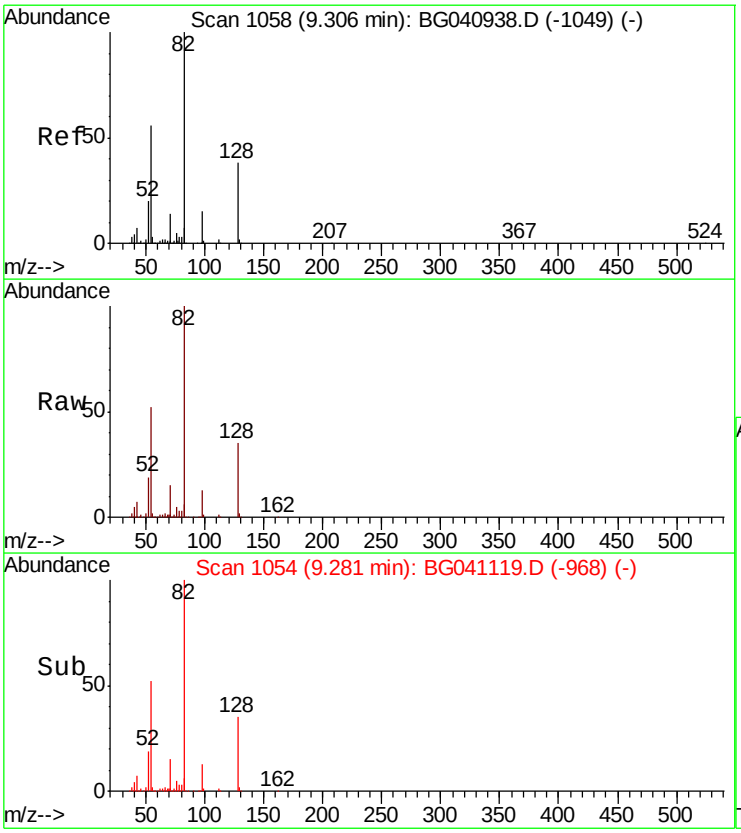
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:136 Resp: 168439

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	8.7	7.6	11.4
68	5.1	3.9	5.9

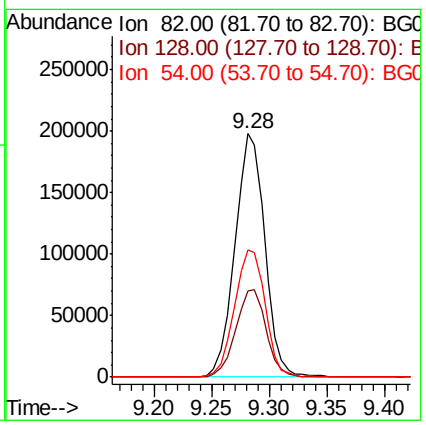


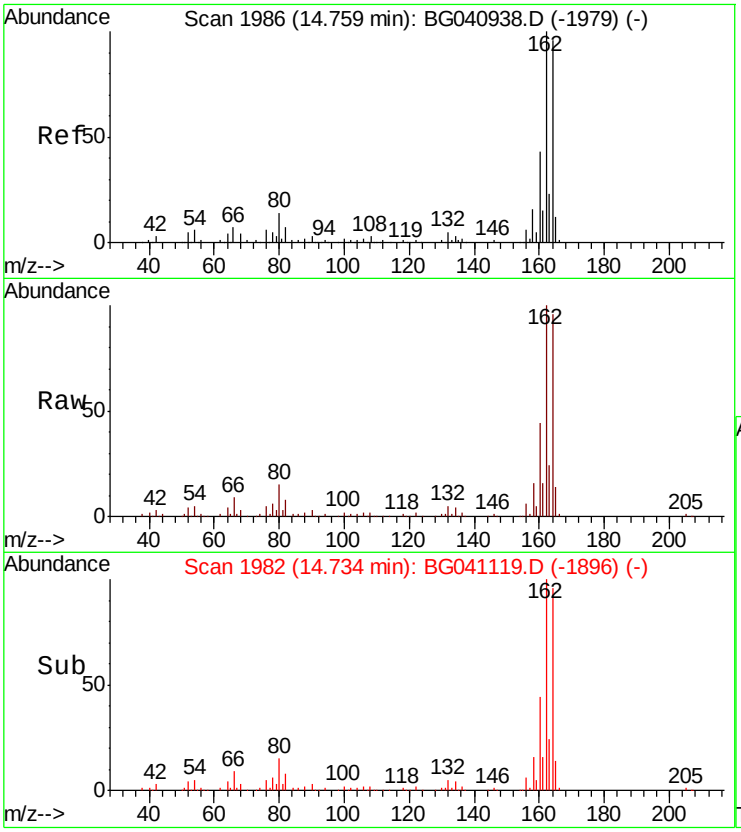


#23
Nitrobenzene-d5
Concen: 93.288 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion: 82 Resp: 353955

Ion	Ratio	Lower	Upper
82	100		
128	35.3	30.5	45.7
54	52.4	44.6	66.8



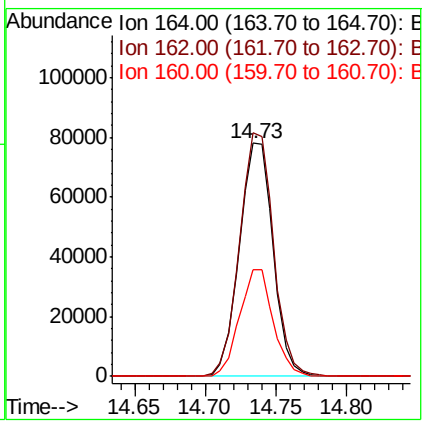


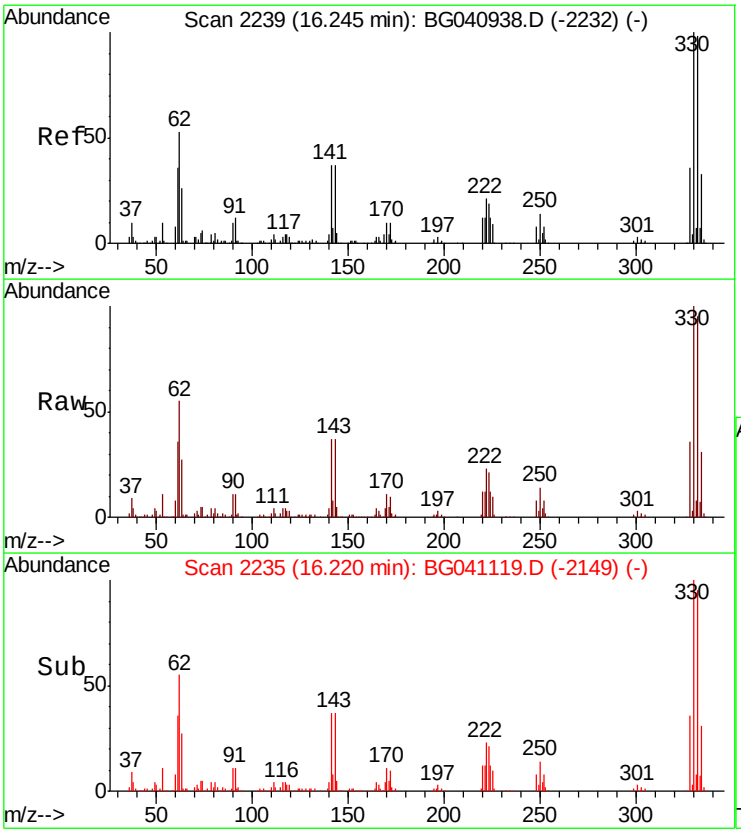
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:164 Resp: 130872

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.4
160	45.7	35.6	53.4

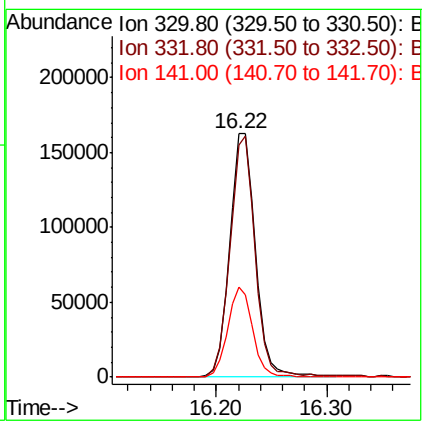


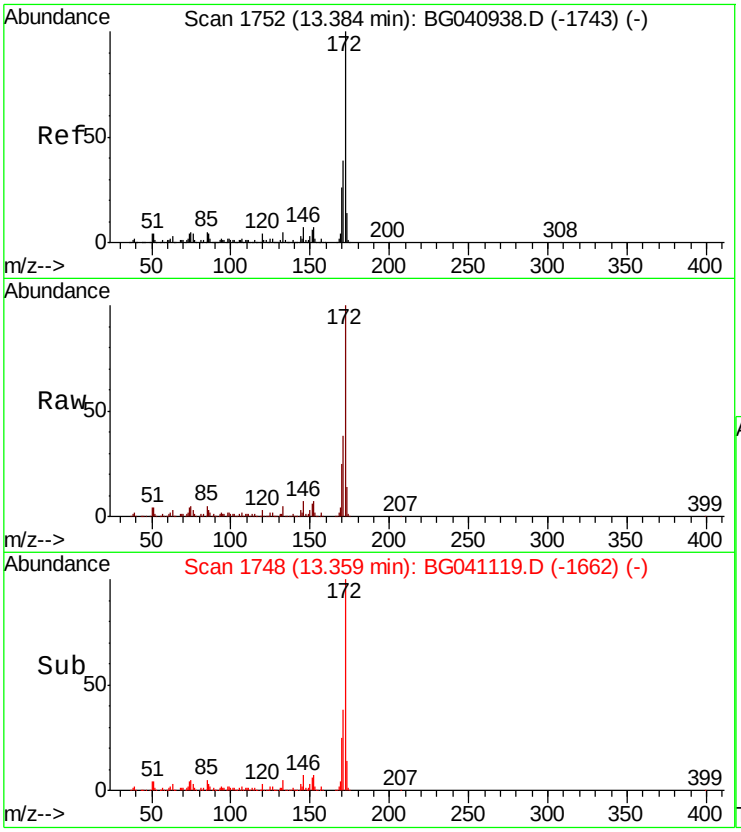


#42
2,4,6-Tribromophenol
Concen: 137.597 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:330 Resp: 267336

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.5	117.7
141	35.7	28.7	43.1



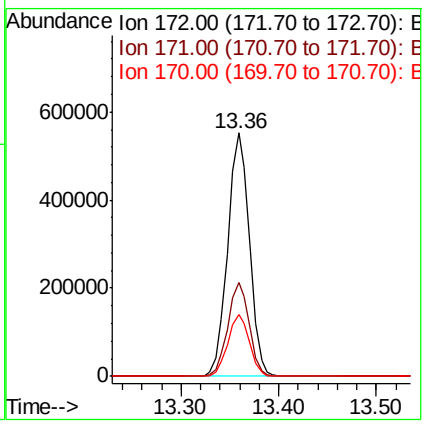


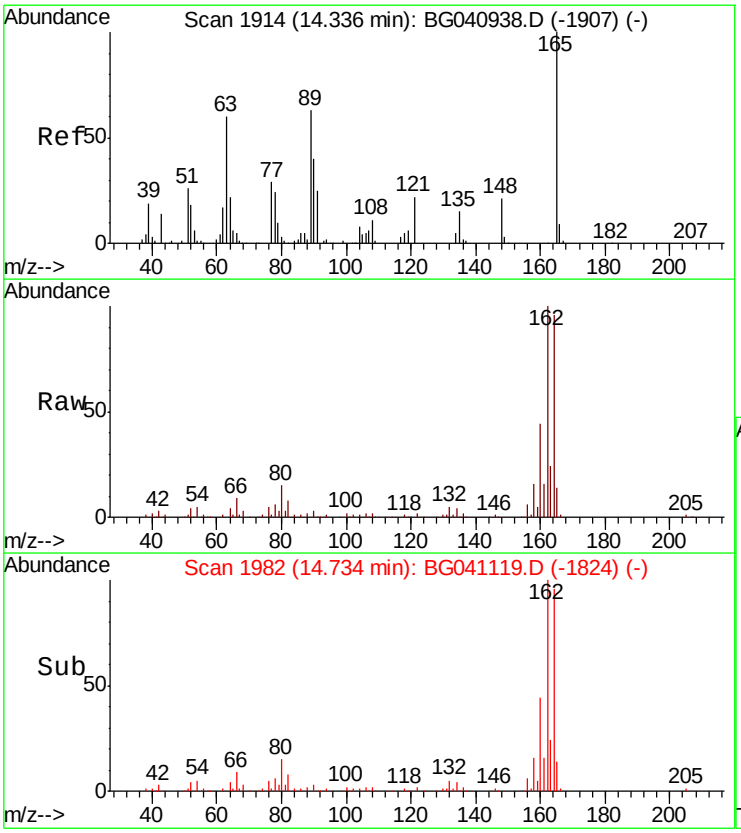
#45
2-Fluorobiphenyl
Concen: 93.813 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:172 Resp: 852543

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.1	46.7
170	25.5	20.5	30.7

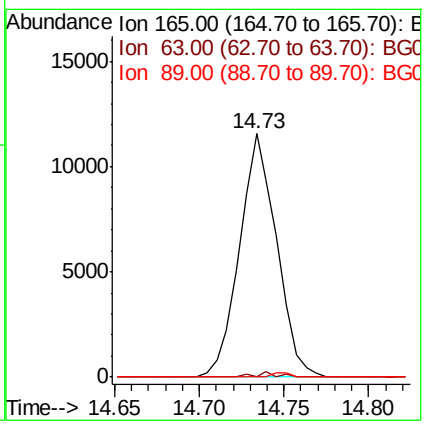


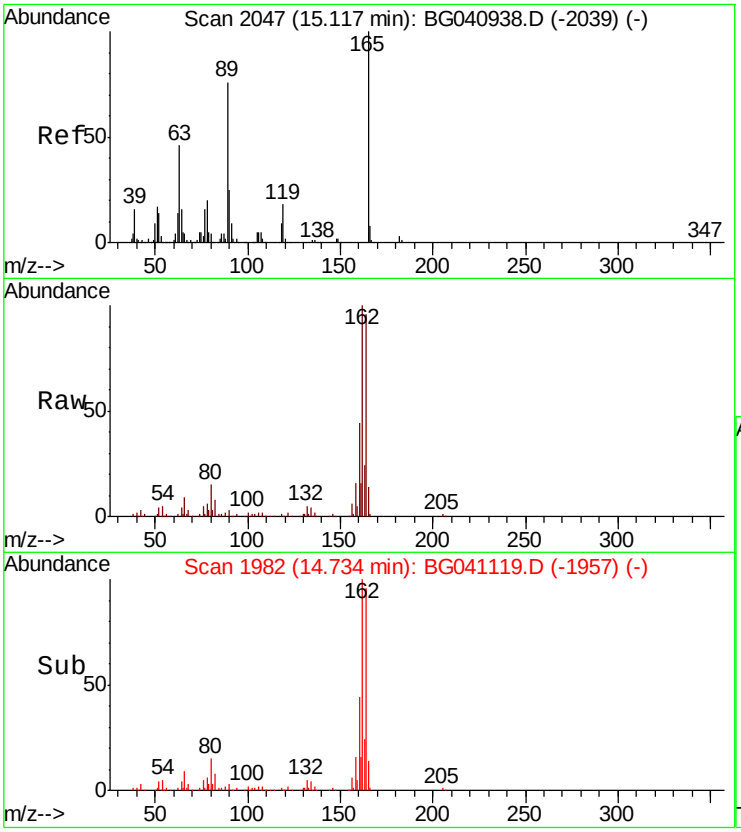


#51
2,6-Dinitrotoluene
Concen: 7.357 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.40 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:165 Resp: 17573

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



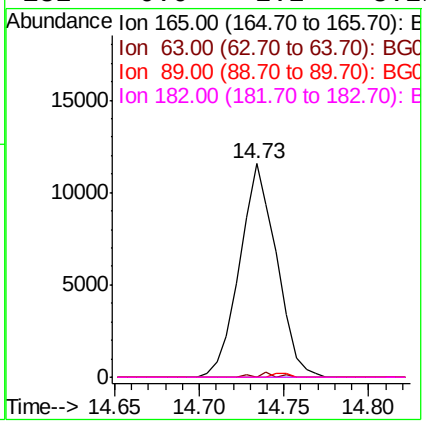


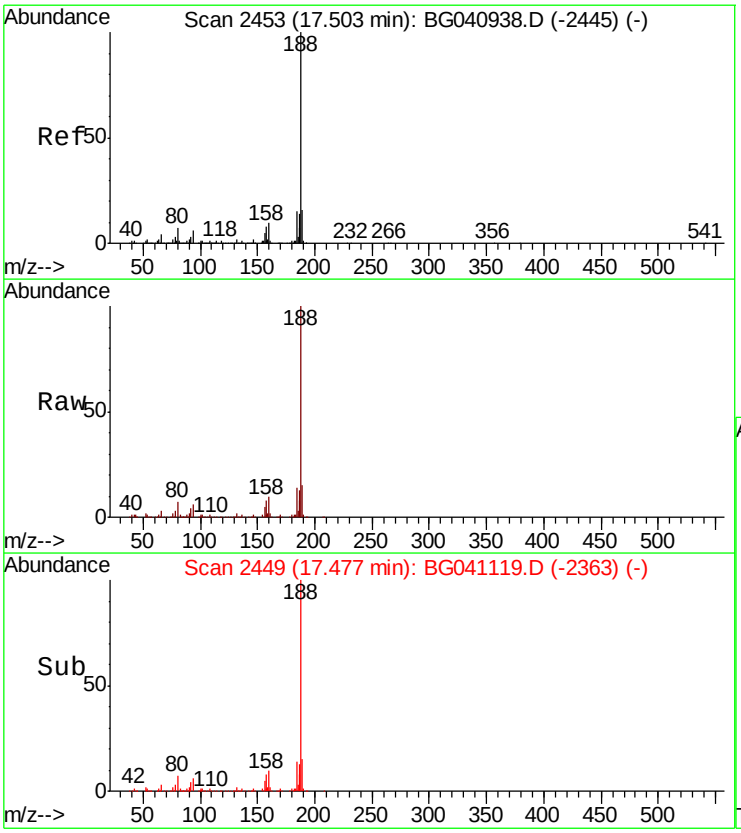
#57
2,4-Dinitrotoluene
Concen: 5.208 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:165 Resp: 17573

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

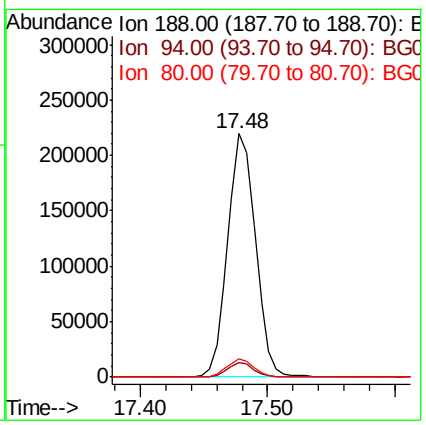


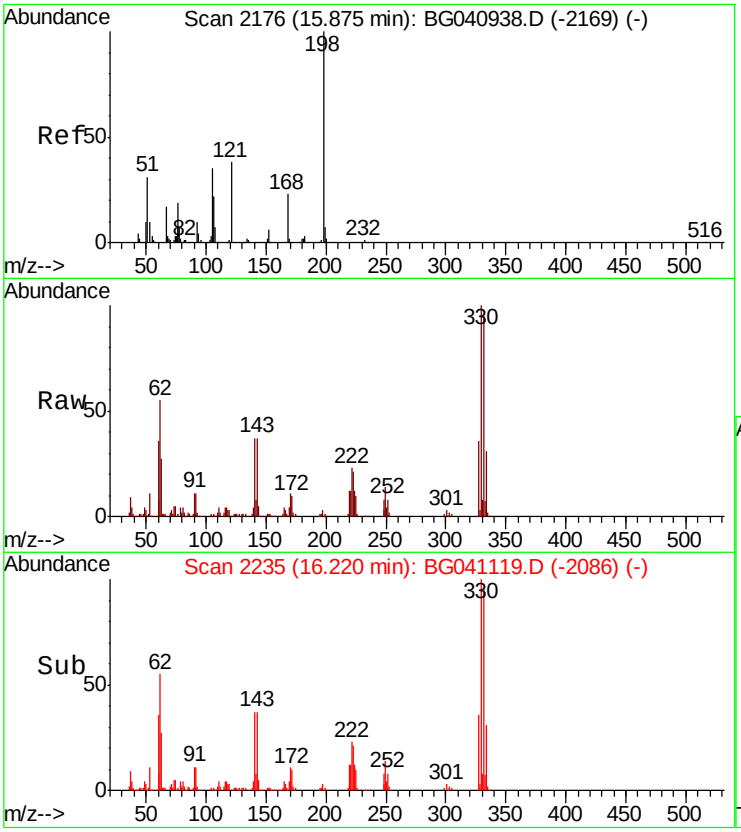


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:188 Resp: 333475

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.7	7.1
80	7.4	5.8	8.8



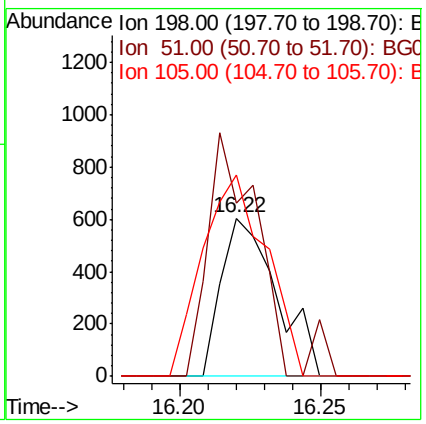


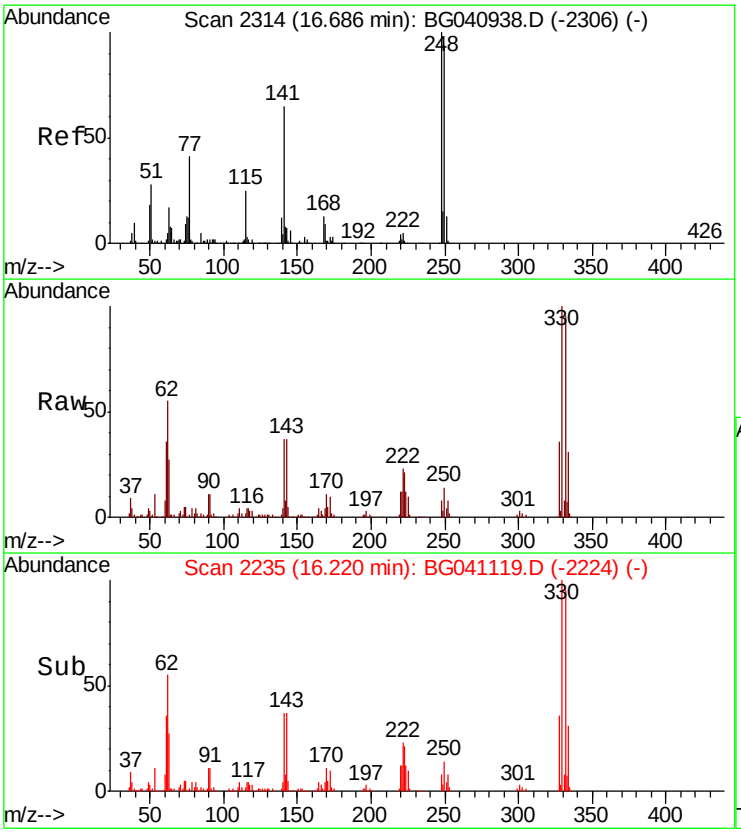
#65
4,6-Dinitro-2-methylphenol
Concen: 8.966 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.35 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:198 Resp: 820

Ion	Ratio	Lower	Upper
198	100		
51	109.8	21.6	61.6#
105	127.3	17.5	57.5#

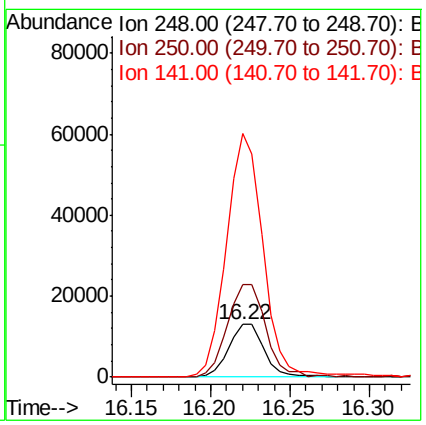


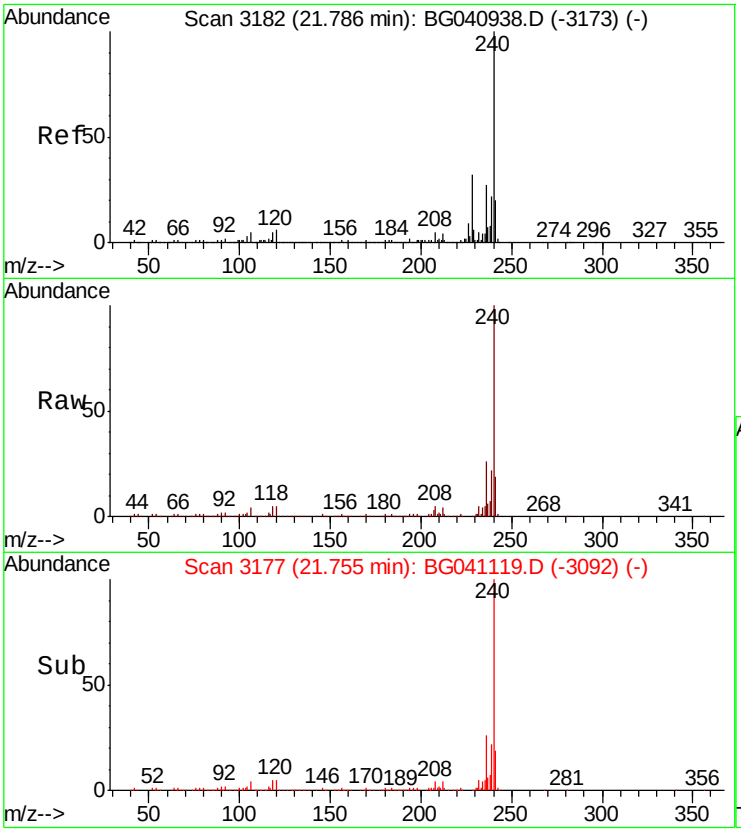


#67
4-Bromophenyl-phenylether
Concen: 4.434 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.47 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:248 Resp: 19956

Ion	Ratio	Lower	Upper
248	100		
250	176.7	75.0	112.4#
141	462.5	52.4	78.6#



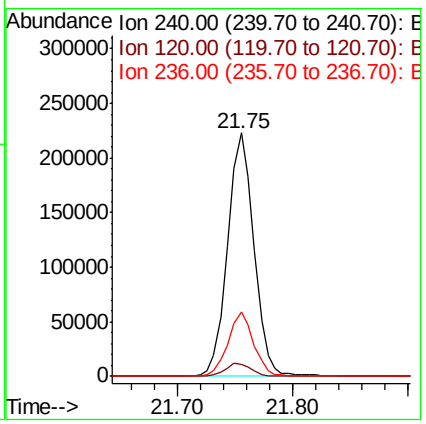


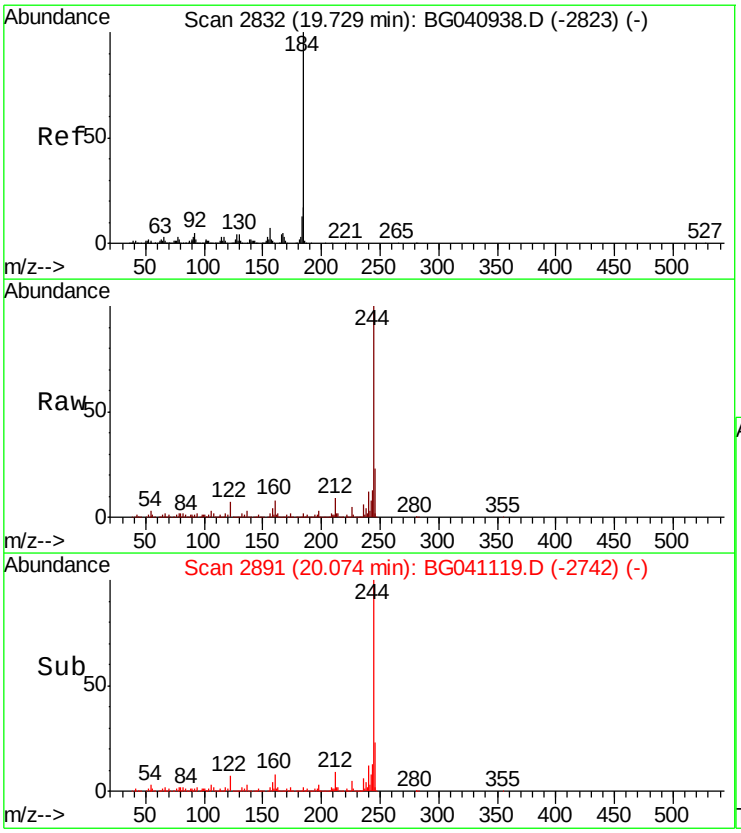
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:240 Resp: 351821

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	26.2	21.3	31.9

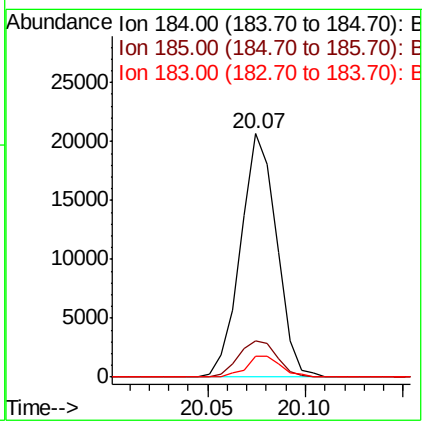


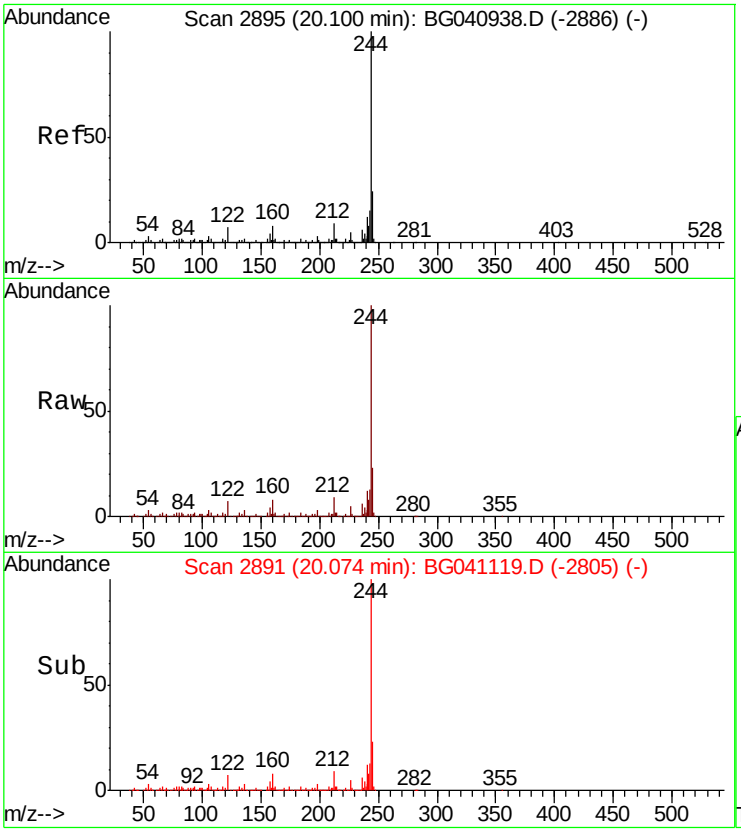


#77
Benzidine
Concen: 3.149 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.35 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:184 Resp: 26431

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.3	19.9
183	8.7	10.7	16.1#



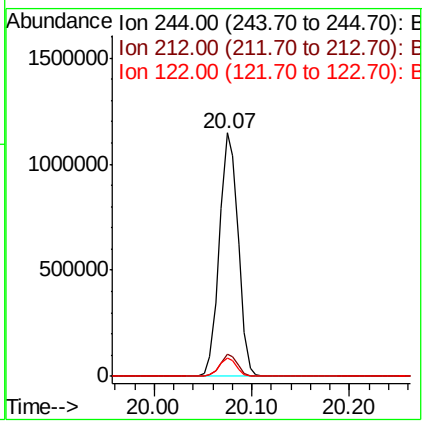


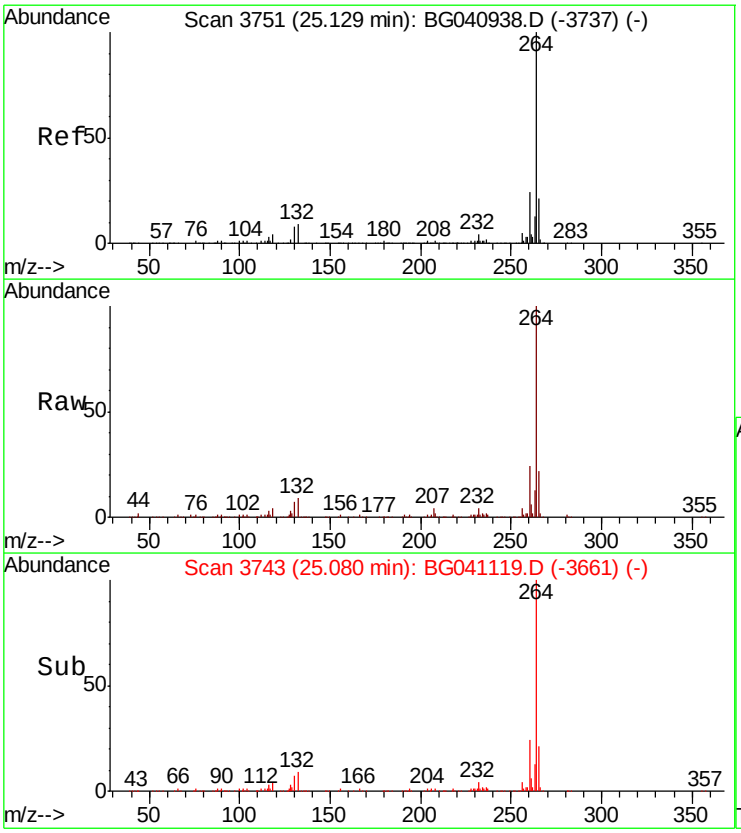
#79
Terphenyl-d14
Concen: 92.272 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.03 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:244 Resp: 1529585

Ion	Ratio	Lower	Upper
244	100		
212	9.0	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. -0.05 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:264 Resp: 367280

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.7	17.0	25.4