Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041102.D
Acq On : 7 Jun 2019 15:24
Operator : HP/JU
Sample : K3203-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW100-190604

Quant Time: Jun 08 06:58:31 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	36677	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	156582	20.00	ng		-0.03
39) Acenaphthene-d10	14.73	164	120700	20.00	ng		-0.03
64) Phenanthrene-d10	17.48	188	305634	20.00	ng		-0.02
76) Chrysene-d12	21.75	240	308288	20.00	ng		-0.03
87) Perylene-d12	25.08	264	330979	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	146993	72.27	ng		-0.02
7) Phenol-d6	7.25	99	143301	45.62	ng		-0.02
23) Nitrobenzene-d5	9.28	82	324720	92.06	ng		-0.03
42) 2,4,6-Tribromophenol	16.23	330	265292	148.05	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	802187	95.71	ng		-0.03
79) Terphenyl-d14	20.08	244	1371683	94.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	3476	3.766	ng		96
19) n-Nitroso-di-n-propylamine	9.28	70	46372	19.183	ng	#	78
51) 2,6-Dinitrotoluene	14.74	165	16099	7.308	ng	#	18
57) 2,4-Dinitrotoluene	14.74	165	16099	5.173	ng	#	20
65) 4,6-Dinitro-2-methylphenol	16.11	198	70	8.625	ng	#	36
67) 4-Bromophenyl-phenylether	16.22	248	19189	4.652	ng	#	1
77) Benzidine	20.07	184	23086	3.139	ng	#	96

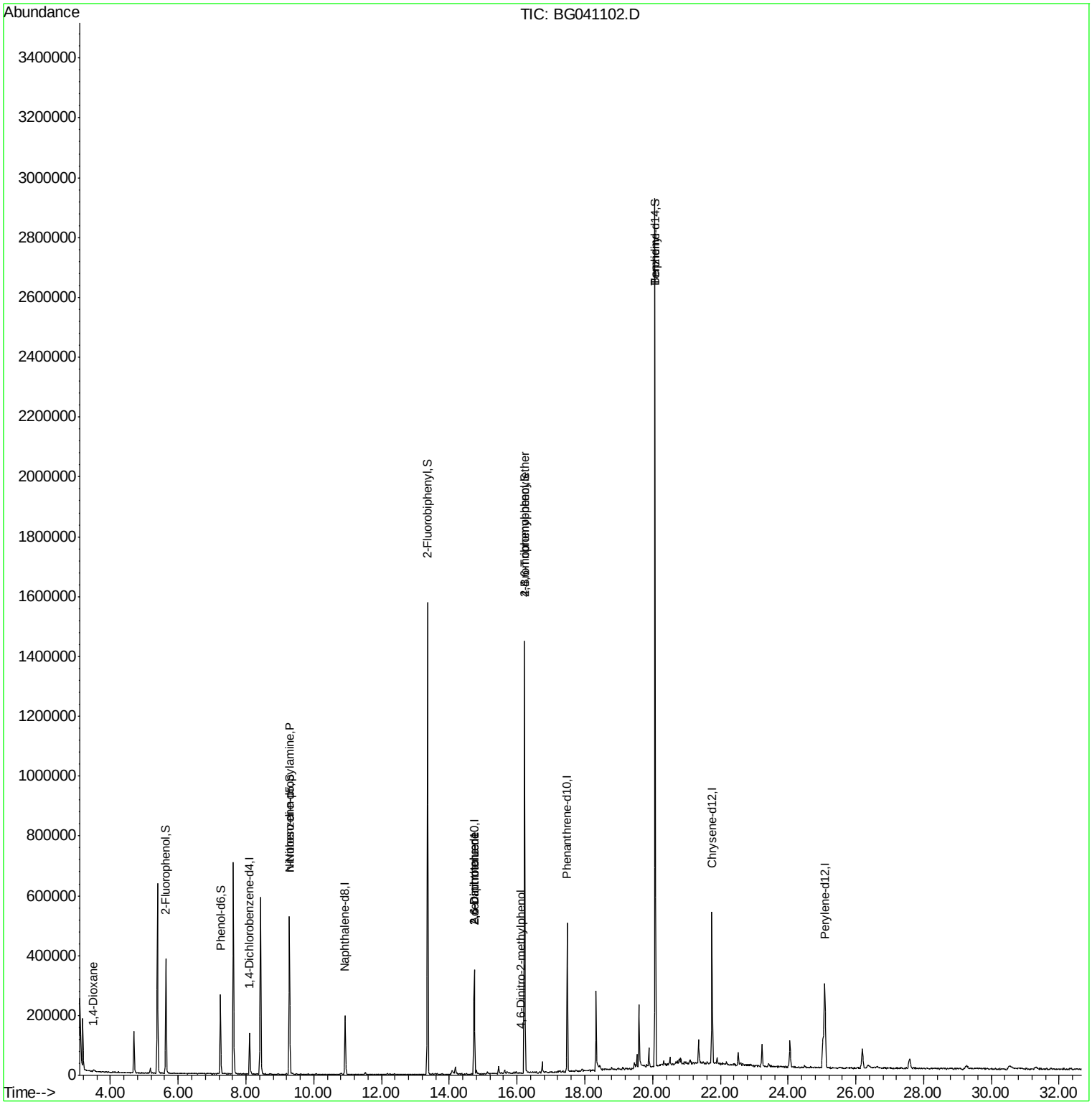
(#) = qualifier out of range (m) = manual integration (+) = signals summed

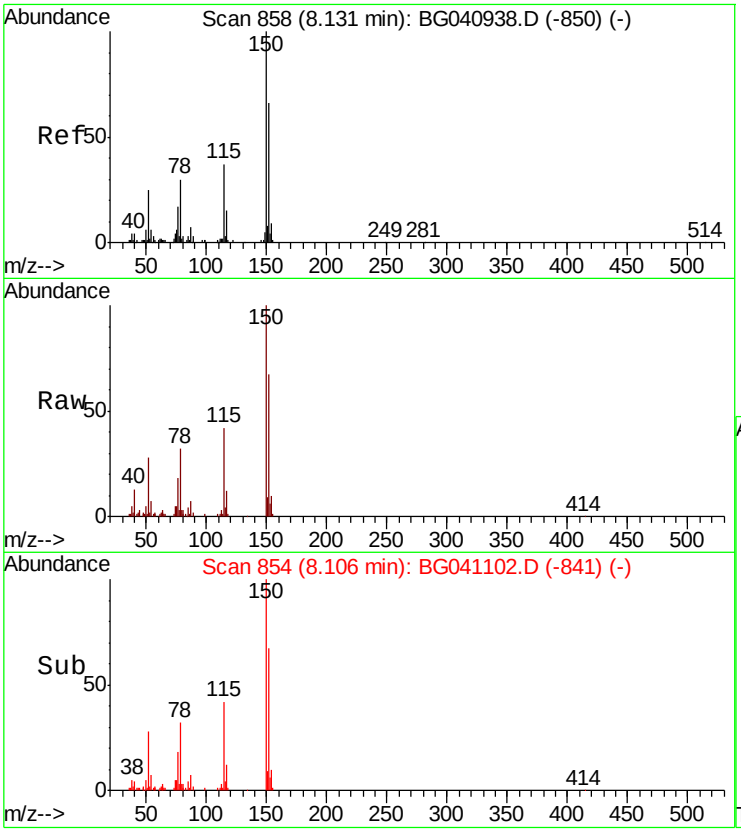
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041102.D
Acq On : 7 Jun 2019 15:24
Operator : HP/JU
Sample : K3203-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Quant Time: Jun 08 06:58:31 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



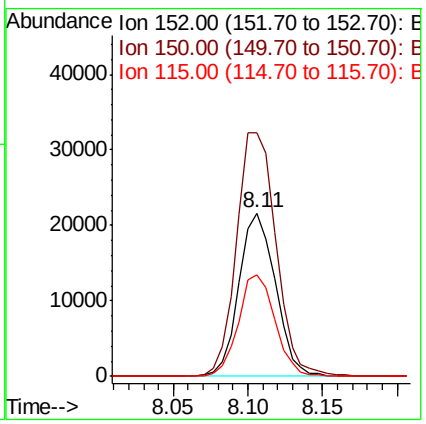


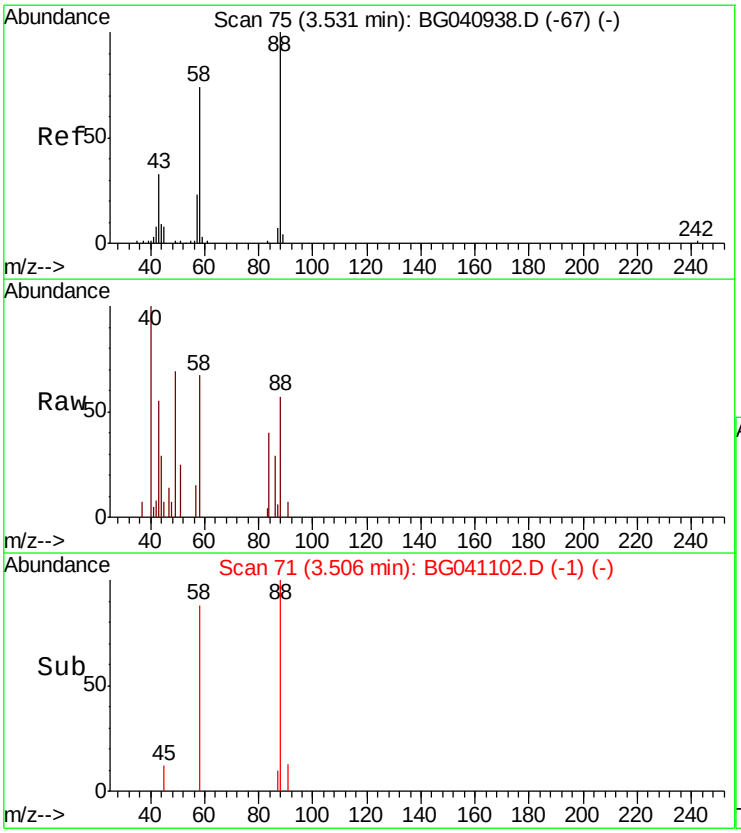
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:152 Resp: 36677

Ion	Ratio	Lower	Upper
152	100		
150	149.2	120.6	180.8
115	62.0	45.1	67.7

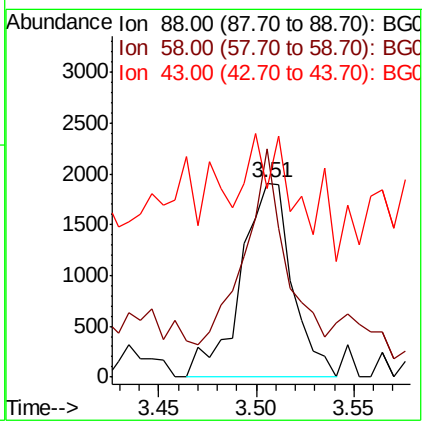


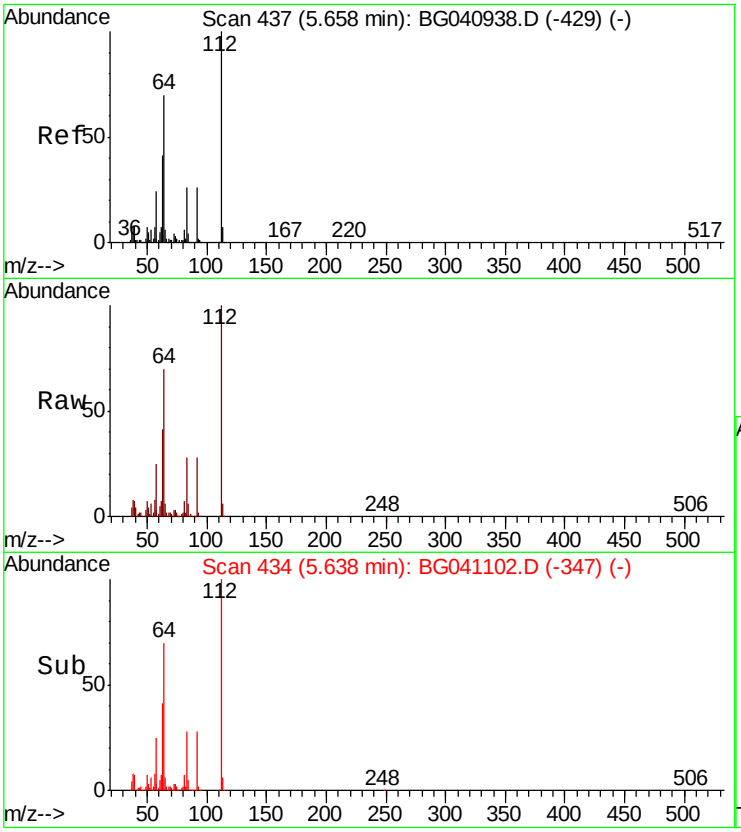


#2
1,4-Dioxane
Concen: 3.766 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.03 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion: 88 Resp: 3476

Ion	Ratio	Lower	Upper
88	100		
58	77.2	59.0	88.6
43	35.5	27.2	40.8



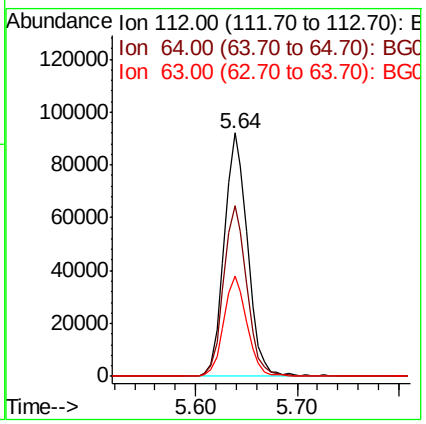


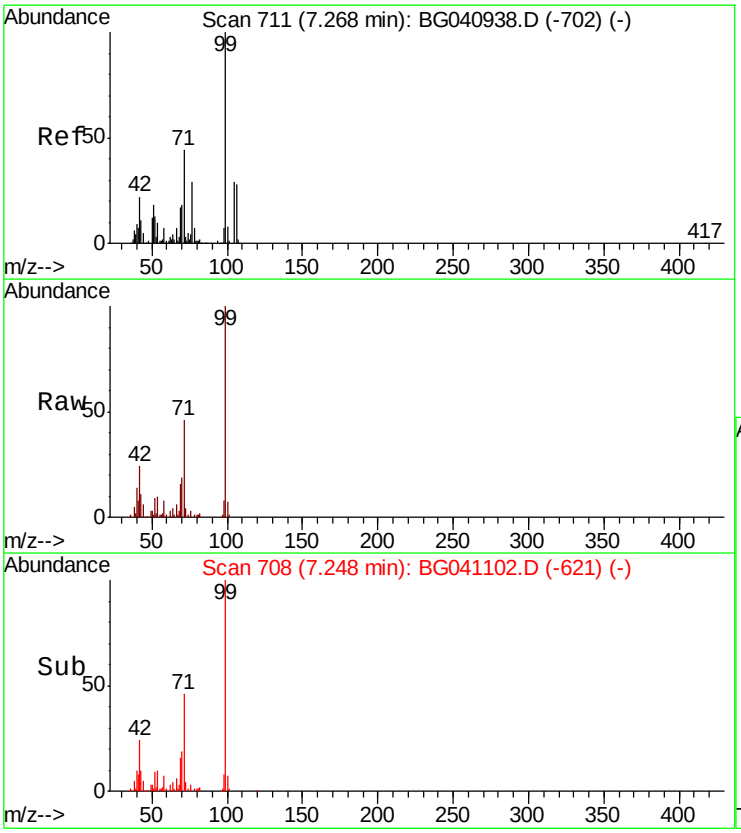
#5
2-Fluorophenol
Concen: 72.269 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:112 Resp: 146993

Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.2	84.2
63	41.2	32.8	49.2

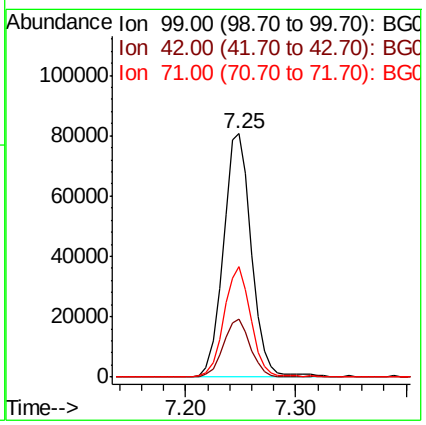


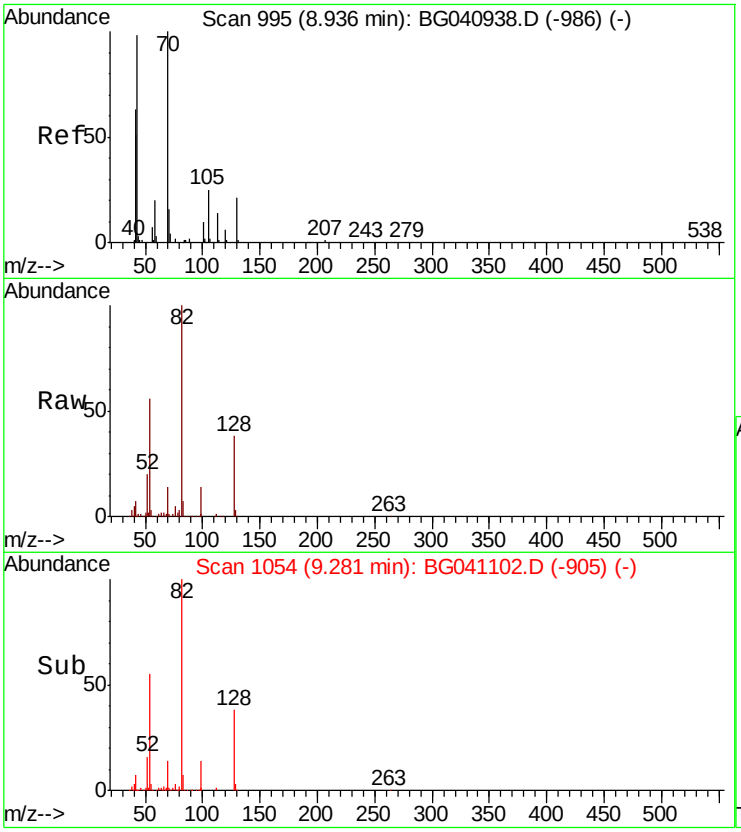


#7
Phenol-d6
Concen: 45.619 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion: 99 Resp: 143301

Ion	Ratio	Lower	Upper
99	100		
42	24.0	17.9	26.9
71	45.5	35.4	53.0



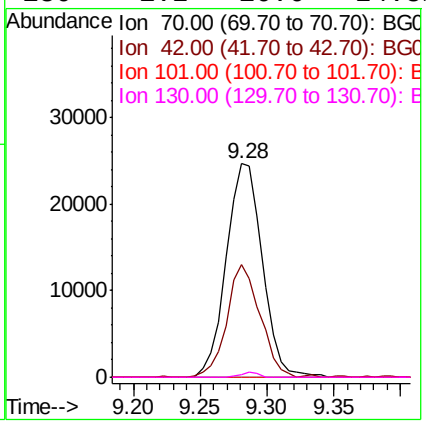


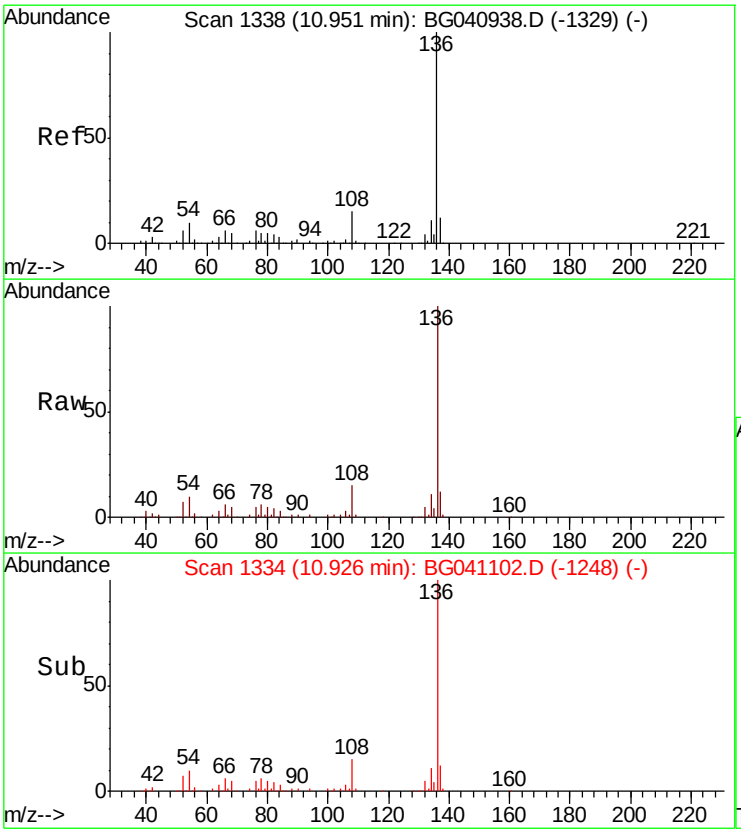
#19
n-Nitroso-di-n-propylamine
Concen: 19.183 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.34 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion: 70 Resp: 46372

Ion	Ratio	Lower	Upper
70	100		
42	52.8	51.5	77.3
101	0.0	8.1	12.1#
130	1.2	16.6	24.8#

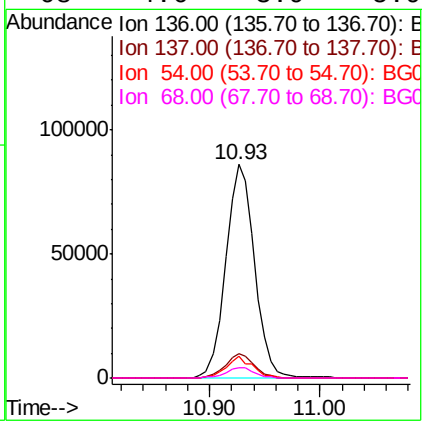


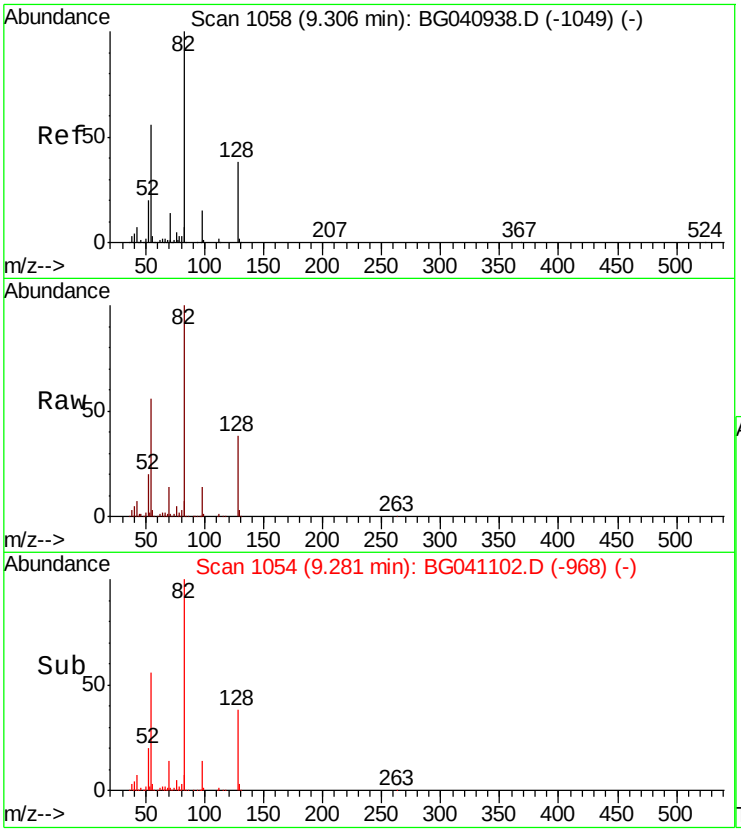


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion:136 Resp: 156582

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	10.0	7.6	11.4
68	4.6	3.9	5.9



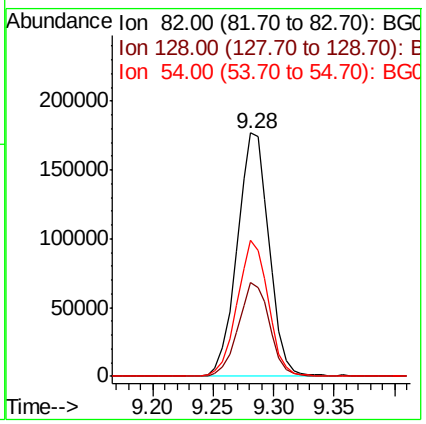


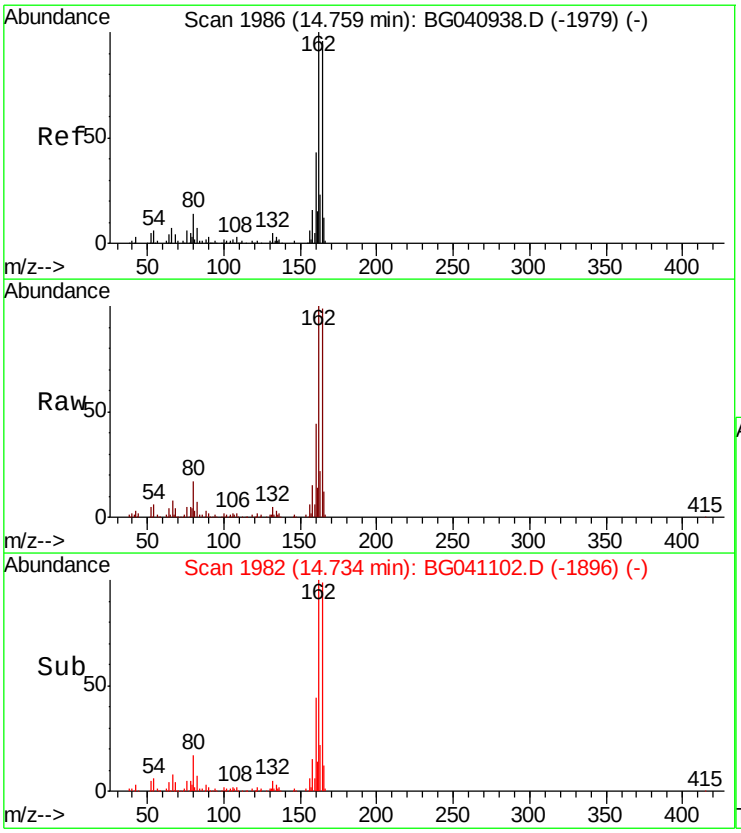
#23
Nitrobenzene-d5
Concen: 92.064 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion: 82 Resp: 324720

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.5	45.7
54	55.7	44.6	66.8

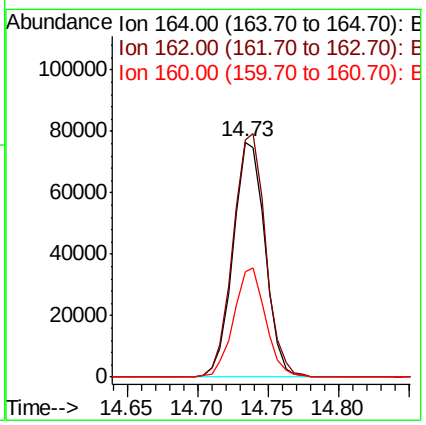


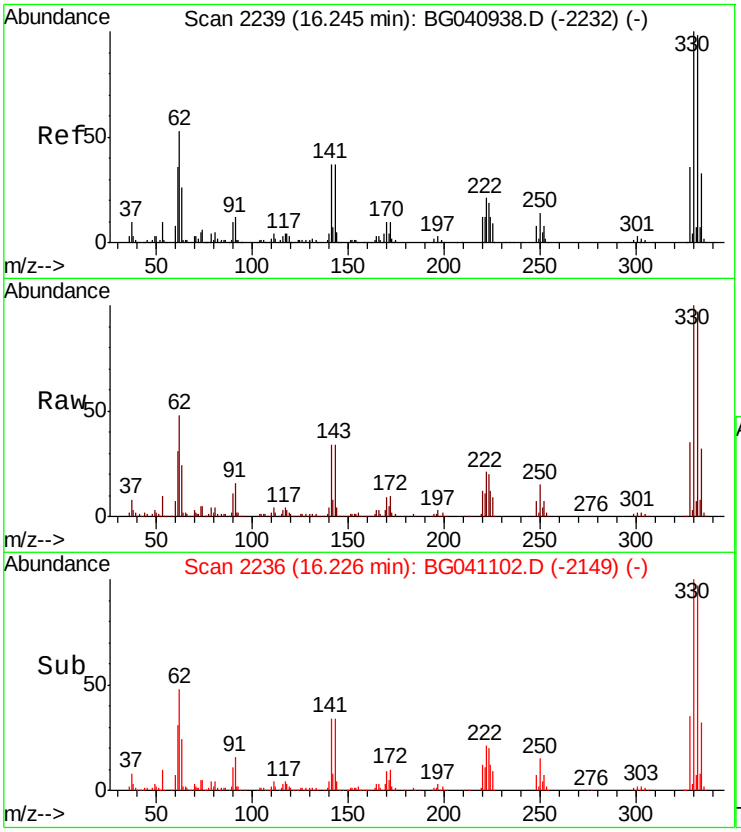


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion:164 Resp: 120700

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.4
160	44.6	35.6	53.4



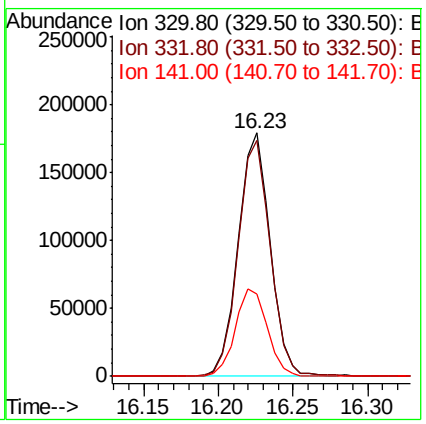


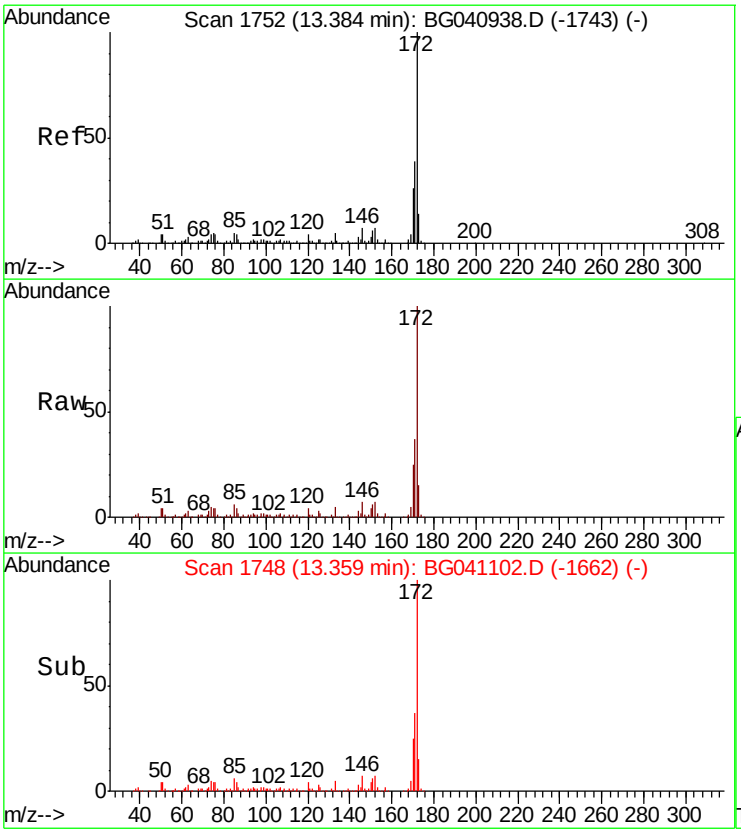
#42
2,4,6-Tribromophenol
Concen: 148.053 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:330 Resp: 265292

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.5	117.7
141	36.3	28.7	43.1

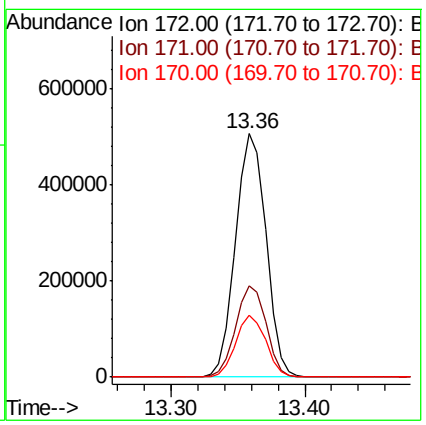


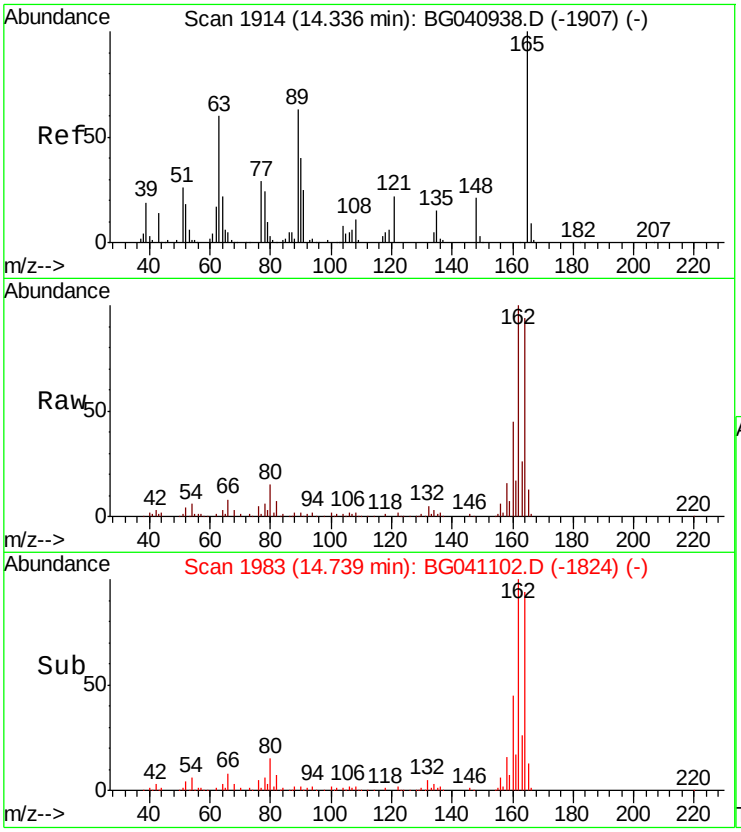


#45
2-Fluorobiphenyl
Concen: 95.711 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion:172 Resp: 802187

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.1	46.7
170	25.2	20.5	30.7



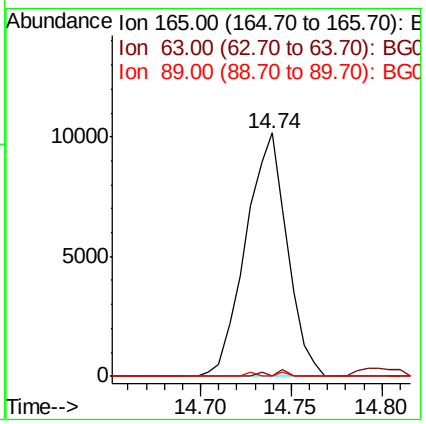


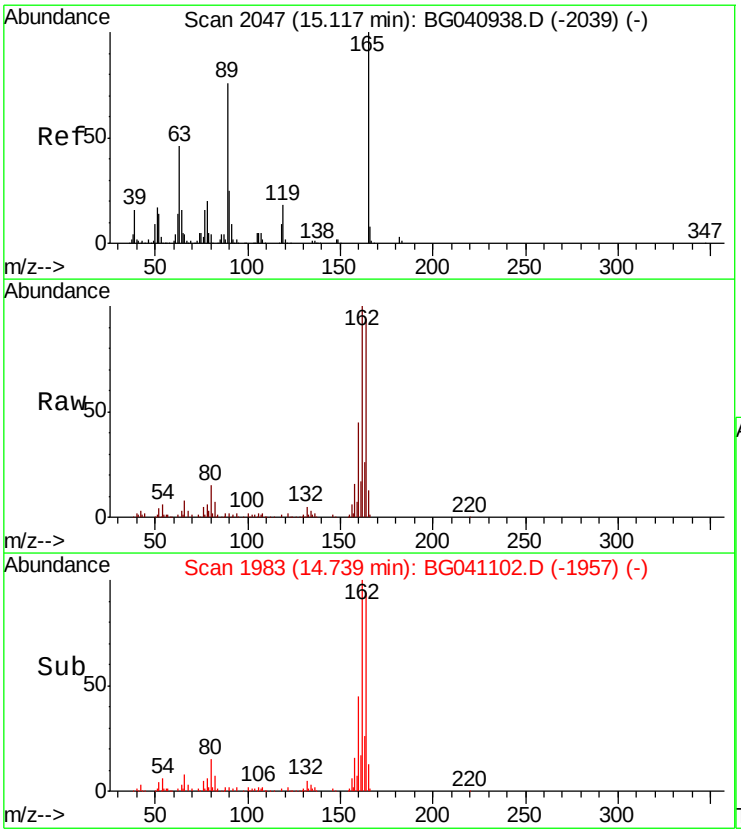
#51
2,6-Dinitrotoluene
Concen: 7.308 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.40 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:165 Resp: 16099

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

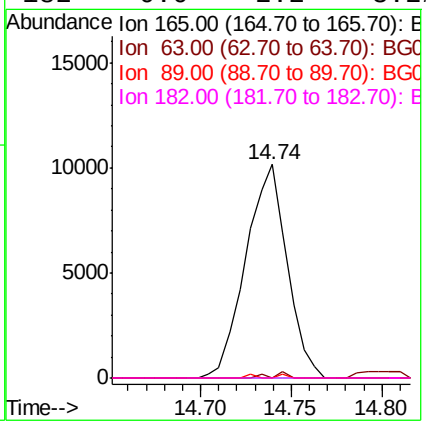


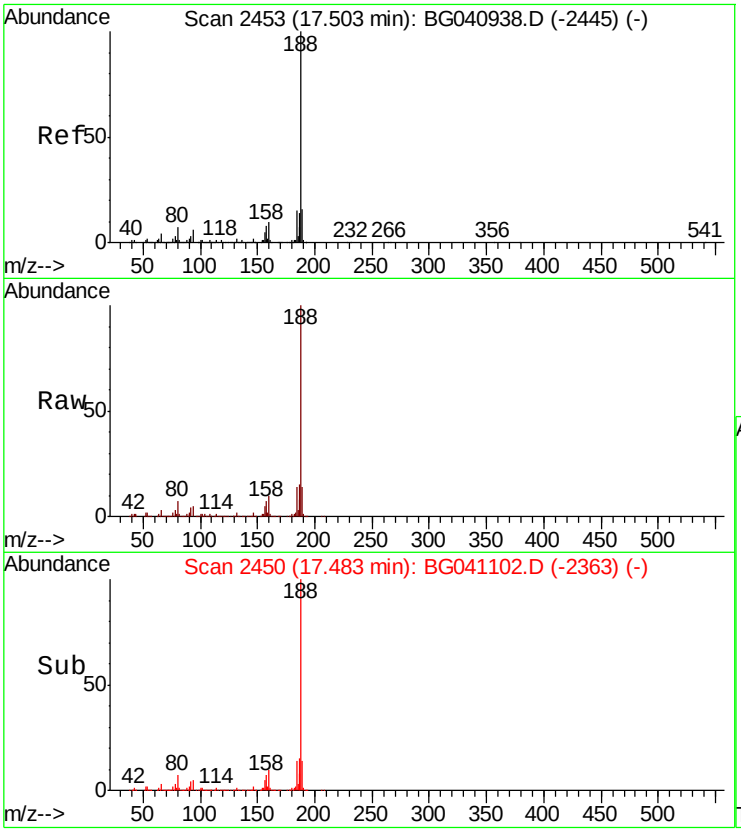


#57
2,4-Dinitrotoluene
Concen: 5.173 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.38 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion:165 Resp: 16099

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#



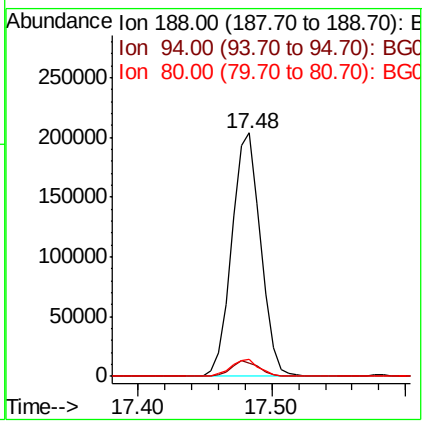


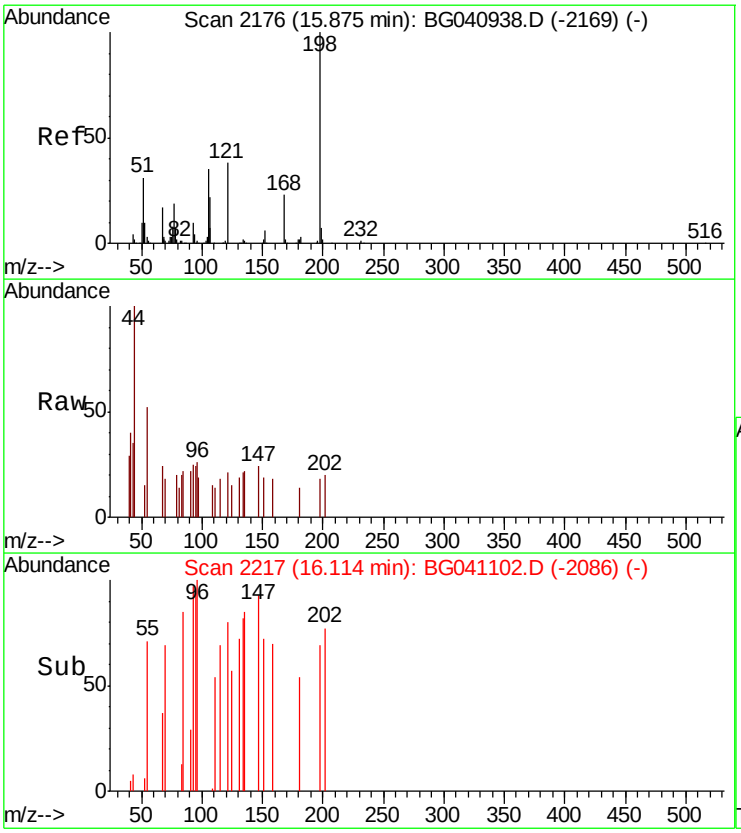
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:188 Resp: 305634

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.7	7.1
80	6.9	5.8	8.8

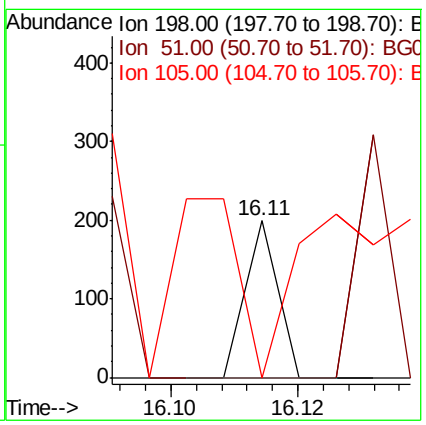


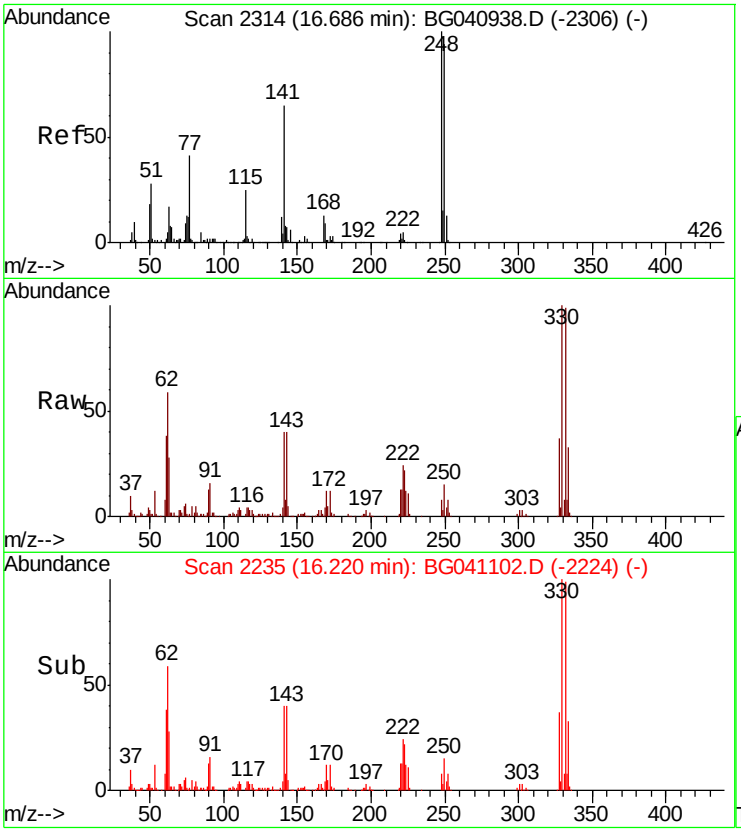


#65
4,6-Dinitro-2-methylphenol
Concen: 8.625 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.24 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion:198 Resp: 70

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



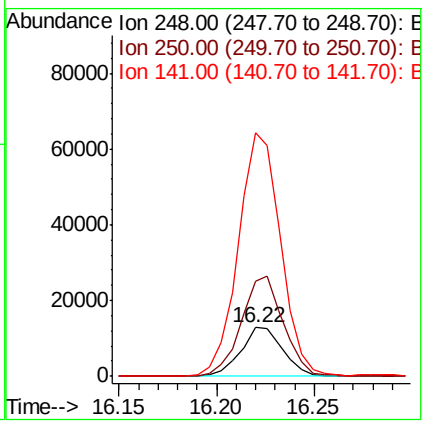


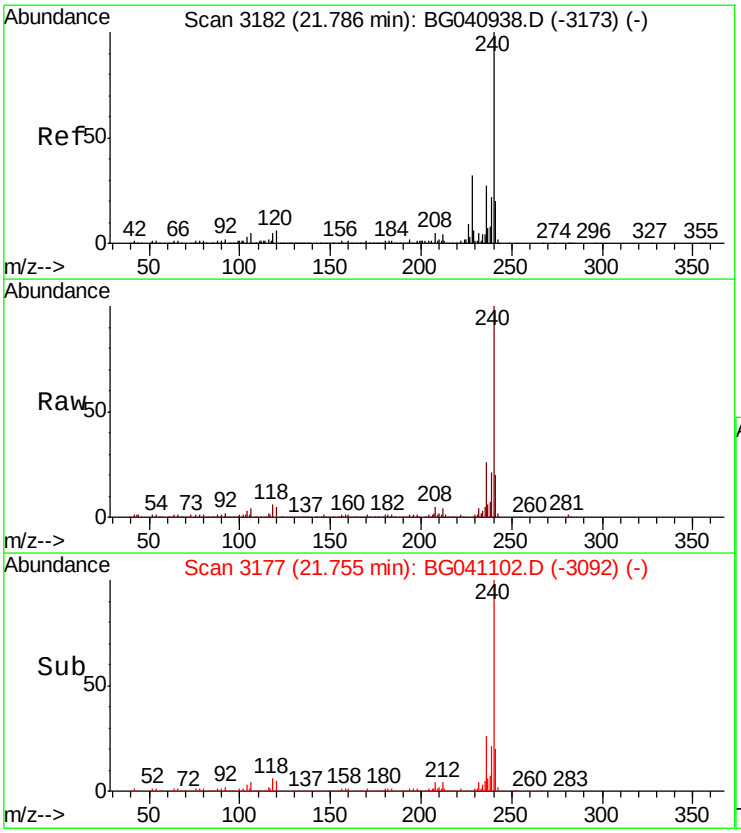
#67
4-Bromophenyl-phenylether
Concen: 4.652 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.47 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:248 Resp: 19189

Ion	Ratio	Lower	Upper
248	100		
250	193.3	75.0	112.4#
141	498.0	52.4	78.6#

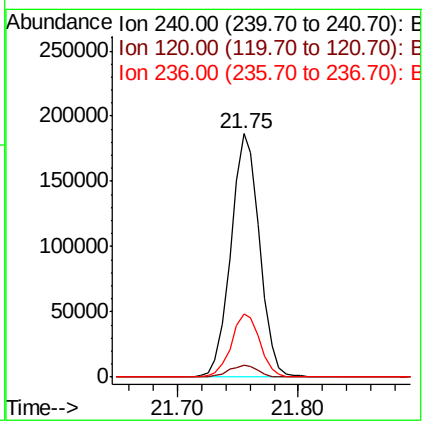


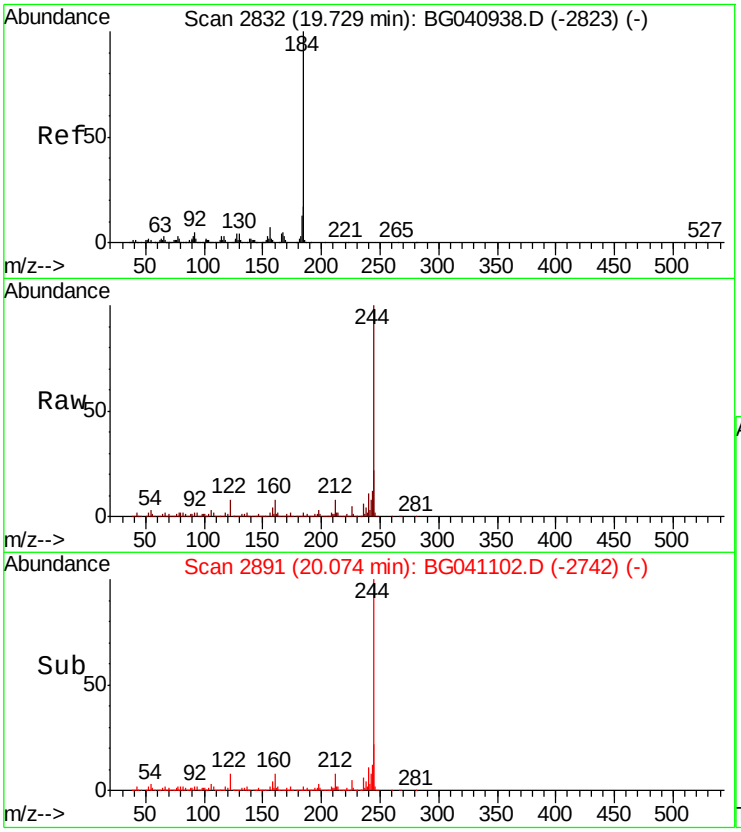


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion:240 Resp: 308288

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.5	6.7
236	26.1	21.3	31.9



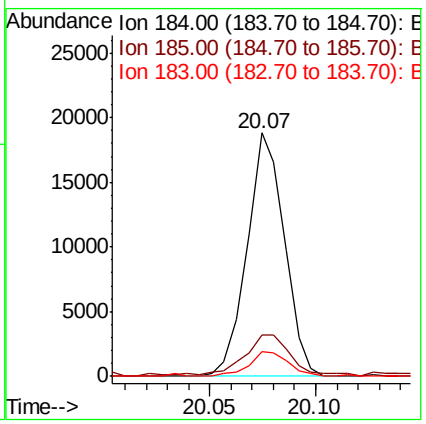


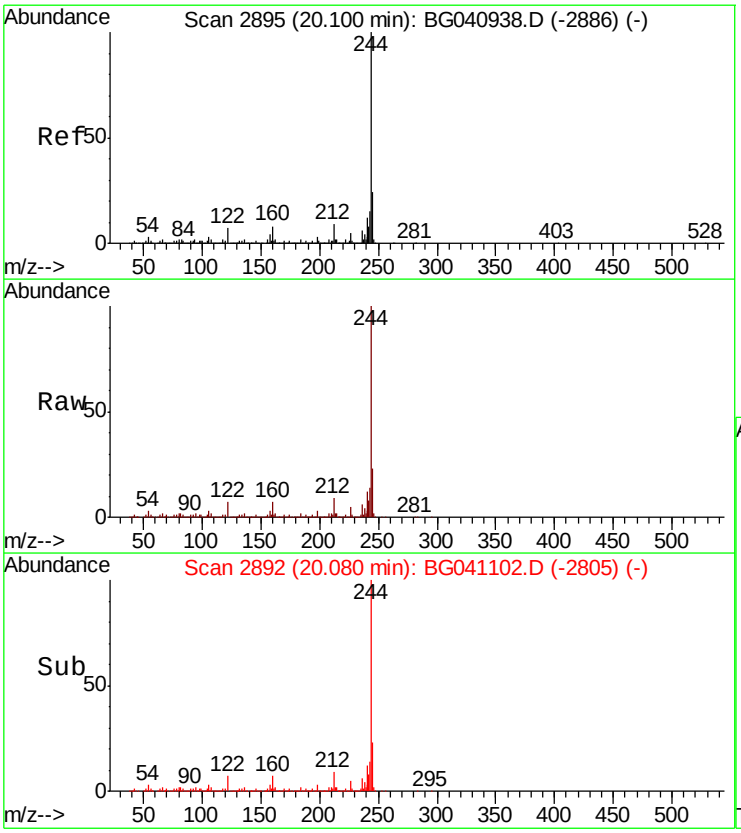
#77
Benzidine
Concen: 3.139 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.34 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:184 Resp: 23086

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.3	19.9
183	10.0	10.7	16.1#

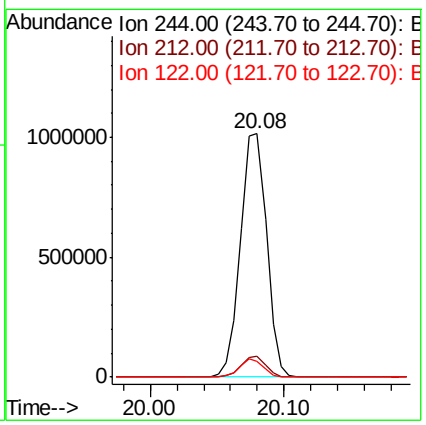


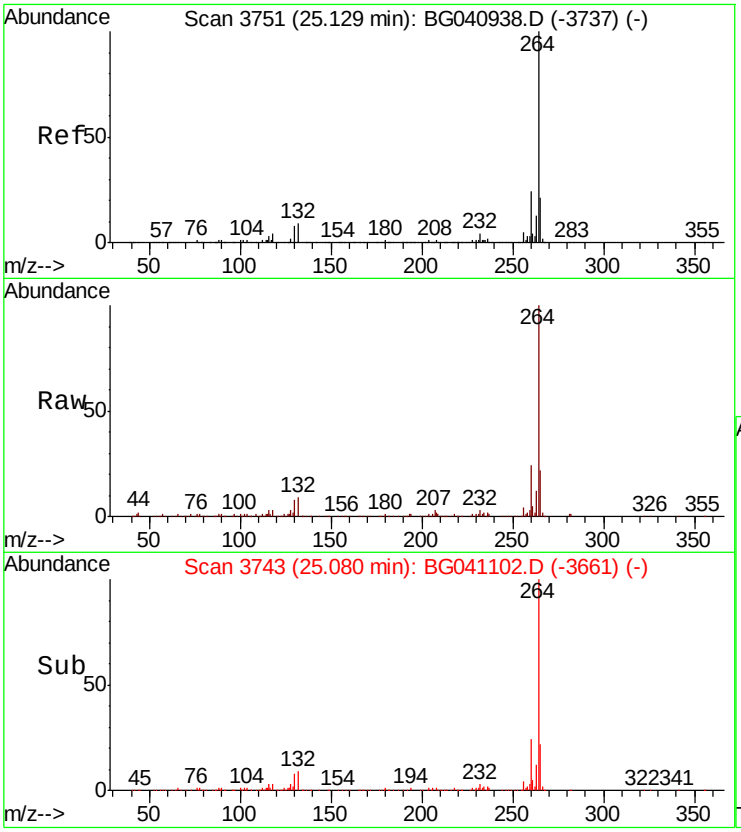


#79
Terphenyl-d14
Concen: 94.431 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041102.D
Acq: 7 Jun 2019 15:24

Tgt Ion:244 Resp: 1371683

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	6.7	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: BG041102.D
Acq: 7 Jun 2019 15:24

Instrument :
BNA_G
ClientSampleId :
SS043MW100-190604

Tgt Ion:264 Resp: 330979

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.0	17.0	25.4