Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
Data File : BG045838.D
Acq On : 23 Jun 2020 13:35
Operator : CG/JU
Sample : L3033-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW011-200615

Quant Time: Jun 23 14:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	54454	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	210760	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	142982	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	316620	20.00	ng		0.00
76) Chrysene-d12	21.57	240	317357	20.00	ng		0.00
86) Perylene-d12	24.70	264	346273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	110752	34.36	ng		0.00
7) Phenol-d6	7.14	99	102745	20.95	ng		-0.02
23) Nitrobenzene-d5	9.08	82	323166	70.05	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	185586	85.97	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	670080	68.87	ng		0.00
79) Terphenyl-d14	19.93	244	1178951	75.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	252474	171.004	ng		98
4) n-Nitrosodimethylamine	3.37	42	14027	9.551	ng	#	1
6) Aniline	7.34	93	82662	14.317	ng	#	57
11) bis(2-Chloroethyl)ether	7.34	93	82662	22.906	ng		95
12) 1,3-Dichlorobenzene	7.95	146	29191	7.099	ng		98
13) 1,4-Dichlorobenzene	7.95	146	29191	7.107	ng		97
14) 1,2-Dichlorobenzene	8.27	146	10112	2.572	ng		91
19) n-Nitroso-di-n-propylamine	9.08	70	45429	14.092	ng	#	82
32) Benzoic acid	10.25	122	73	9.007	ng	#	14
36) 4-Chloro-3-methylphenol	12.11	107	12378	2.937	ng	#	23
48) 2-Nitroaniline	13.19	65	102845	37.390	ng	#	1
50) Dimethylphthalate	14.02	163	113041	10.092	ng		98
56) 4-Nitrophenol	14.69	139	77	4.014	ng		98
57) 2,4-Dinitrotoluene	14.56	165	19164	5.317	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.20	198	129694	66.282	ng	#	40
67) 4-Bromophenyl-phenylether	16.07	248	12509	3.041	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
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Acq On : 23 Jun 2020 13:35
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SS043MW011-200615

Quant Time: Jun 23 14:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
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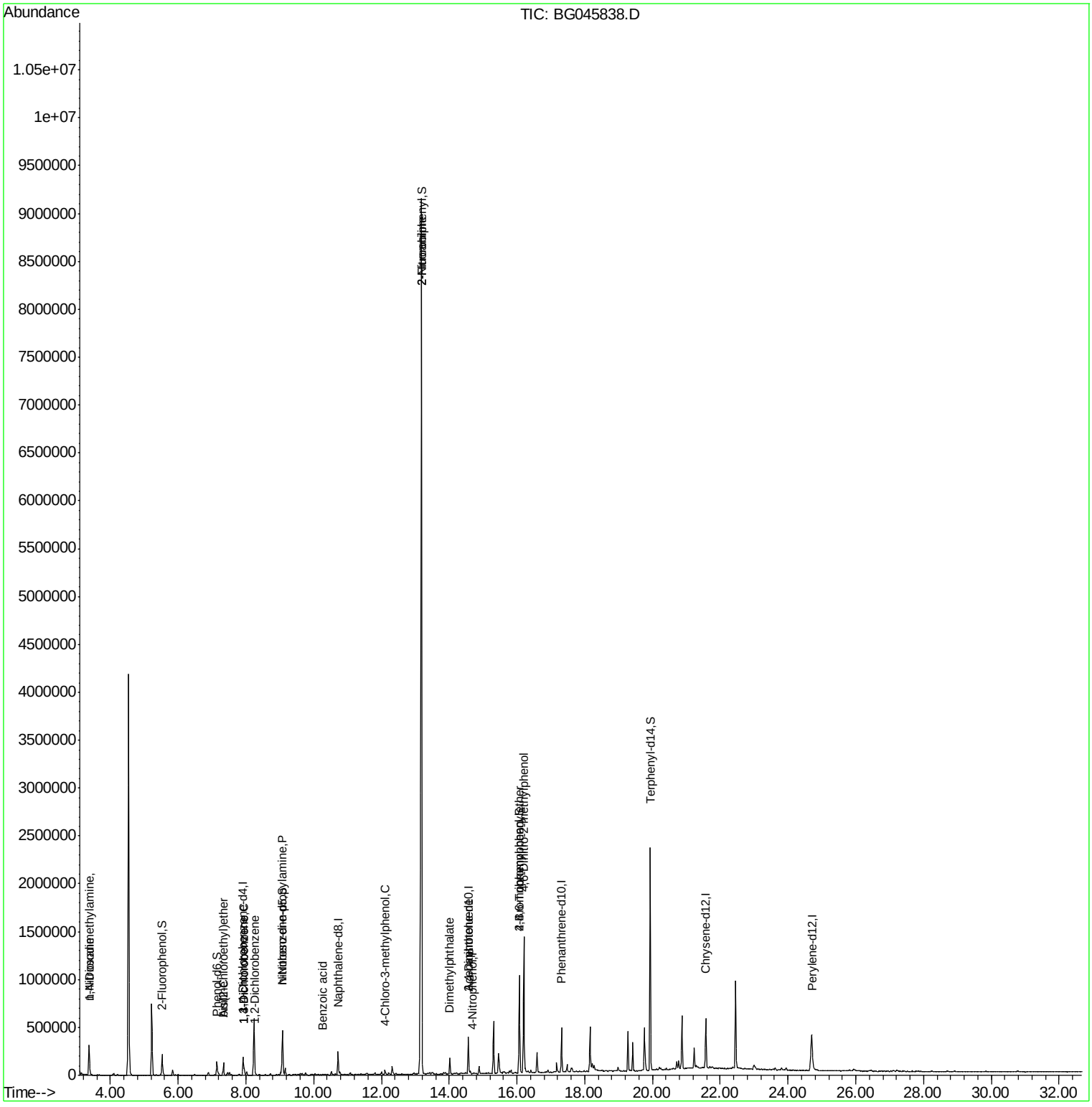
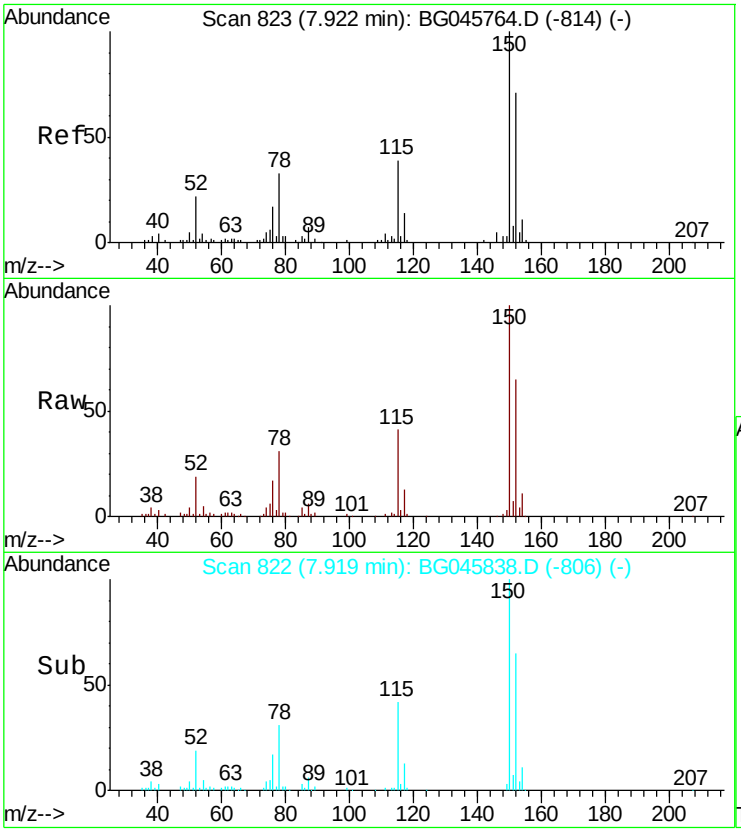


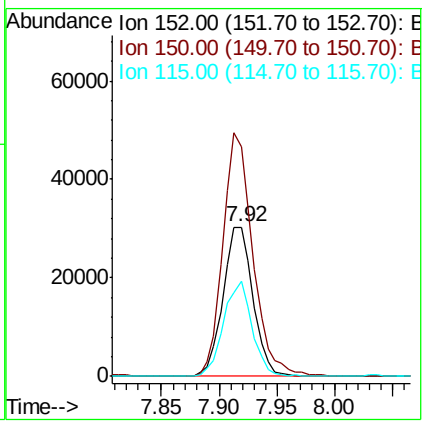


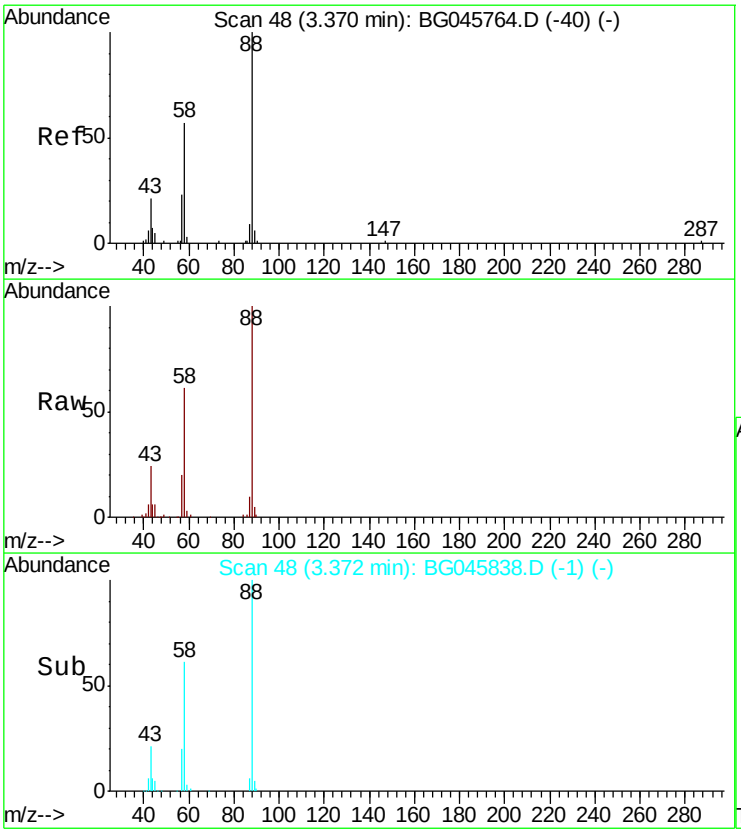
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:152 Resp: 54454

Ion	Ratio	Lower	Upper
152	100		
150	153.7	113.1	169.7
115	63.6	43.8	65.6

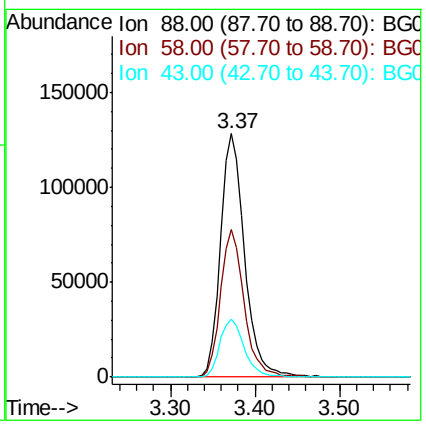


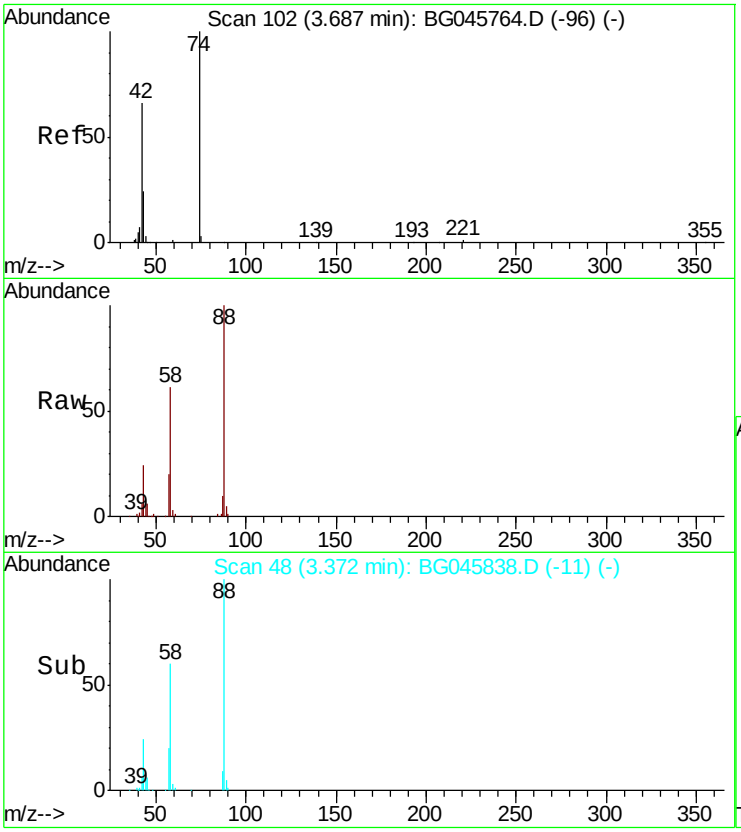


#2
1,4-Dioxane
Concen: 171.004 ng
RT: 3.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion: 88 Resp: 252474

Ion	Ratio	Lower	Upper
88	100		
58	59.6	46.1	69.1
43	24.1	19.2	28.8



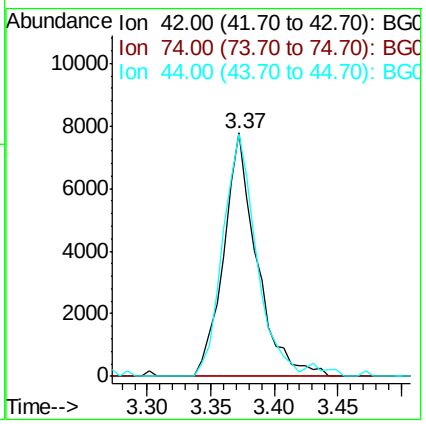


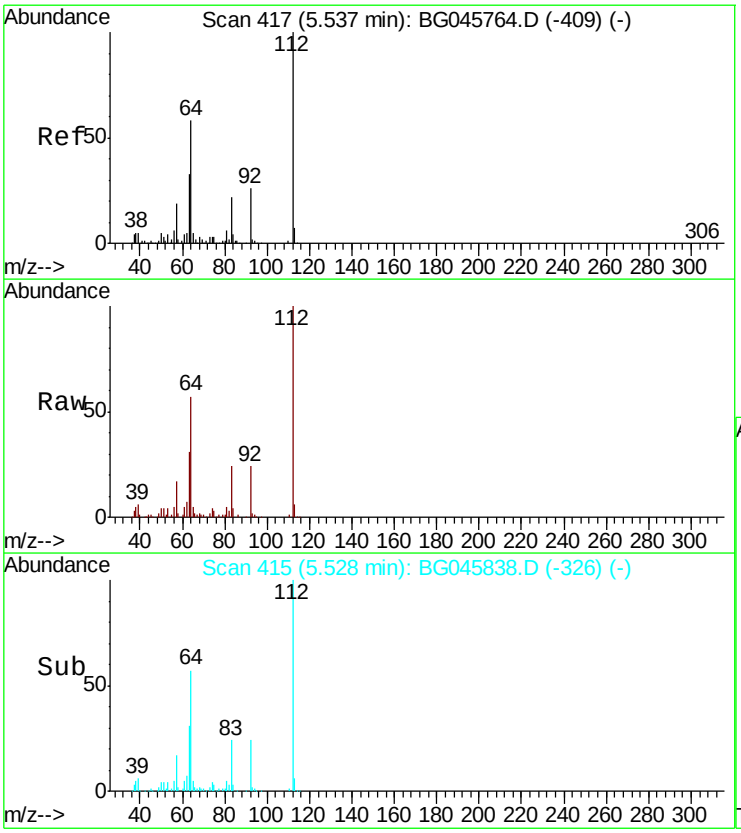
#4
n-Nitrosodimethylamine
Concen: 9.551 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.31 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion: 42 Resp: 14027

Ion	Ratio	Lower	Upper
42	100		
74	0.0	121.0	181.4#
44	99.4	3.5	5.3#

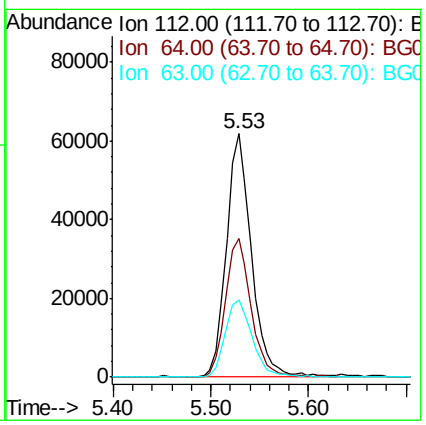


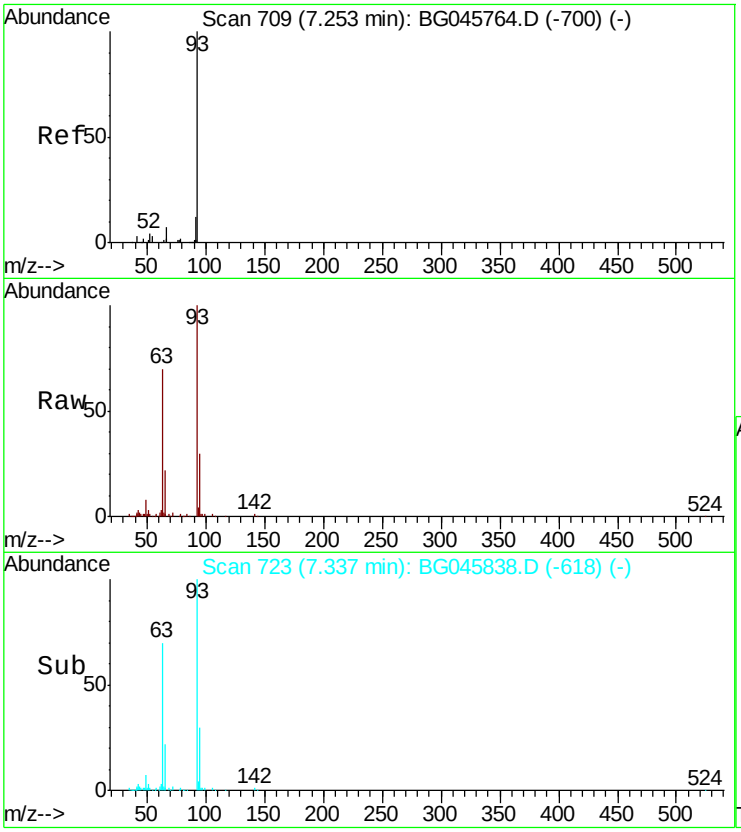


#5
2-Fluorophenol
Concen: 34.357 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:112 Resp: 110752

Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.6	69.8
63	31.5	26.3	39.5



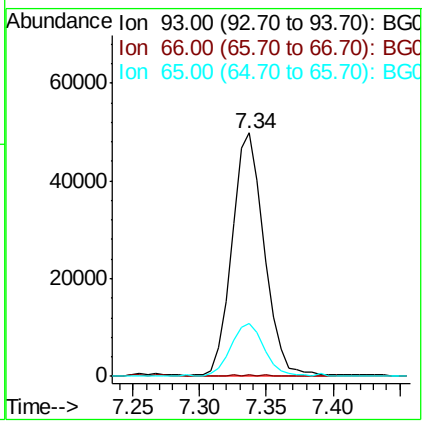


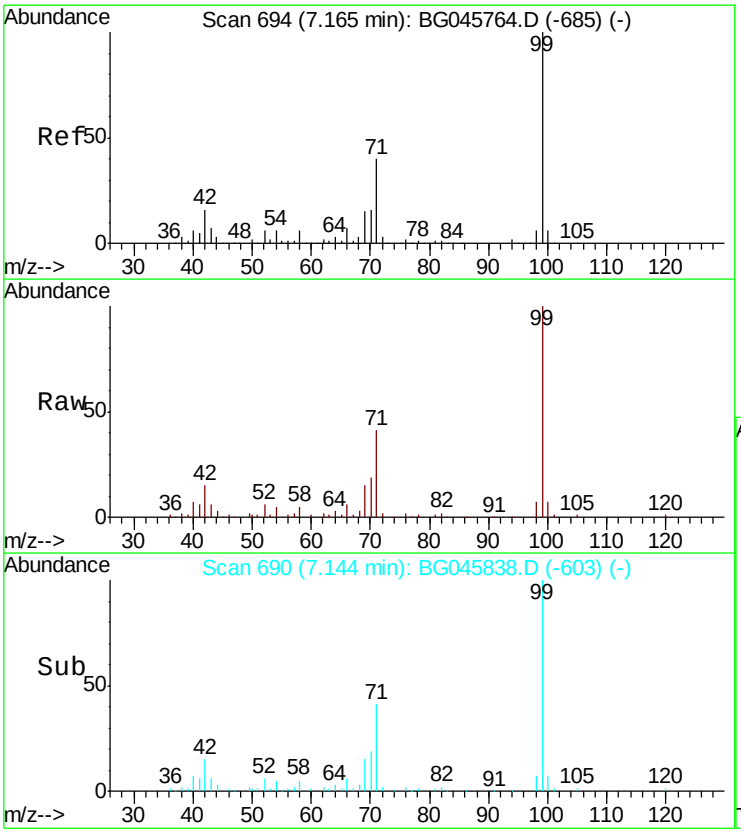
#6
Aniline
Concen: 14.317 ng
RT: 7.34 min Scan# 723
Delta R.T. 0.08 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion: 93 Resp: 82662

Ion	Ratio	Lower	Upper
93	100		
66	0.9	30.0	45.0#
65	21.6	14.7	22.1

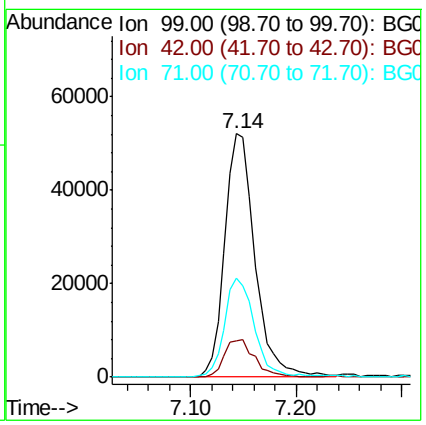


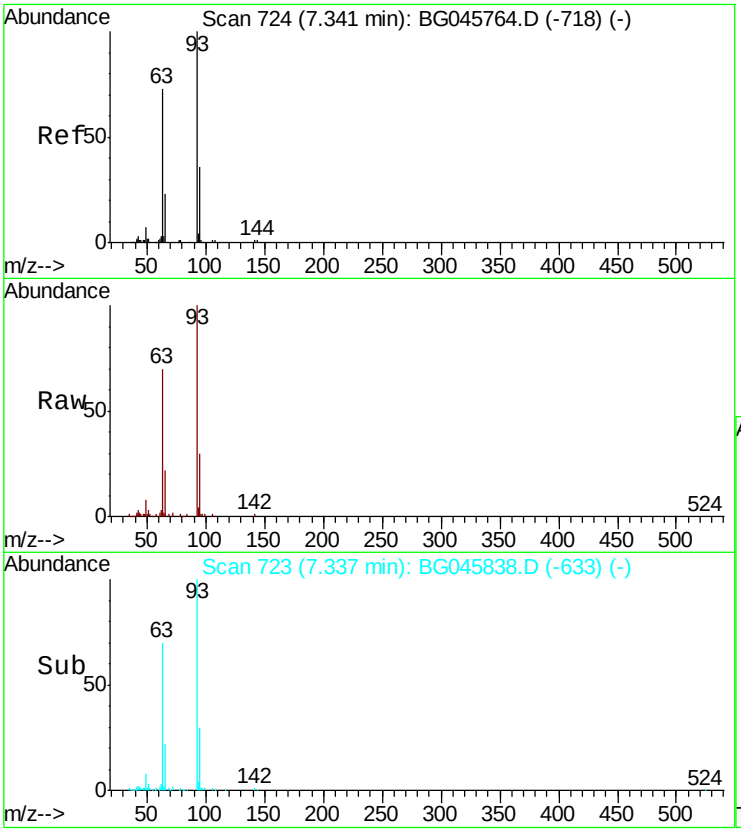


#7
Phenol-d6
Concen: 20.954 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.02 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion: 99 Resp: 102745

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.4	18.6
71	40.6	32.1	48.1



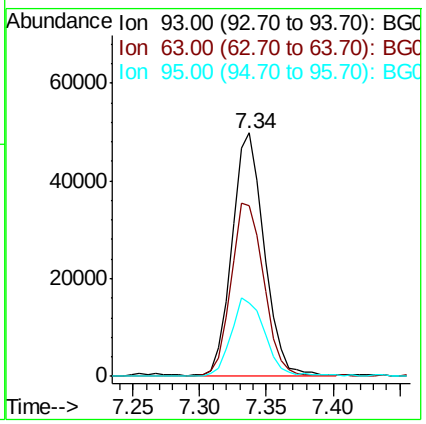


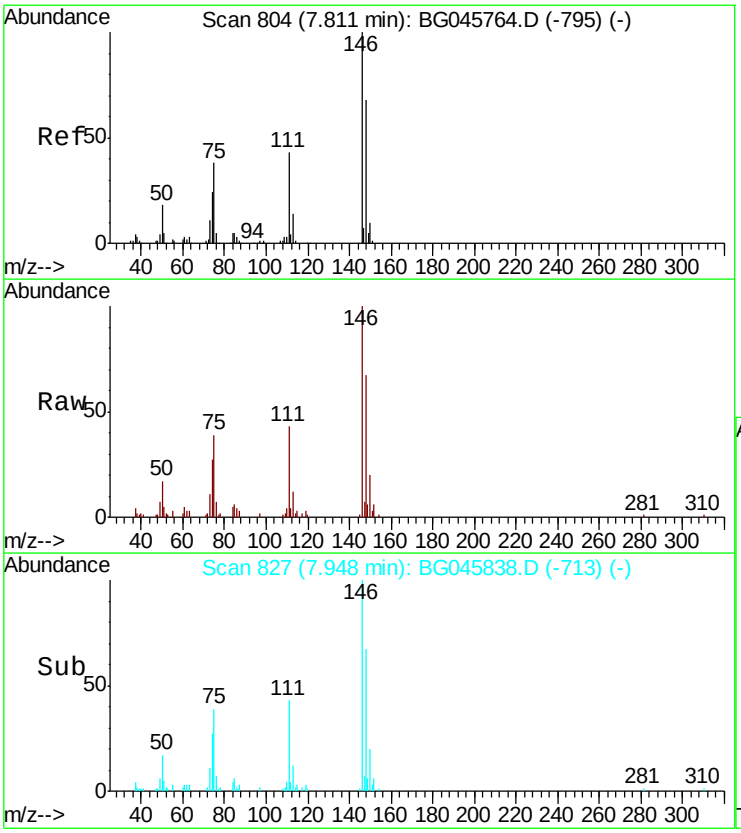
#11
bis(2-Chloroethyl)ether
Concen: 22.906 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion: 93 Resp: 82662

Ion	Ratio	Lower	Upper
93	100		
63	70.1	52.0	92.0
95	30.2	15.6	55.6

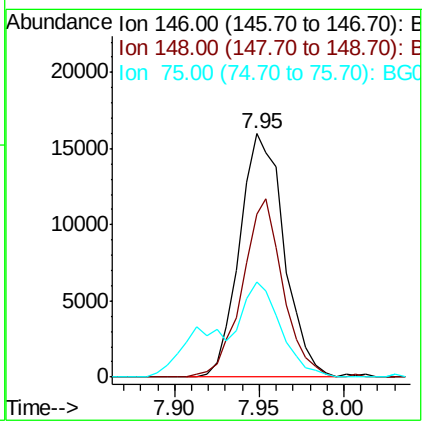


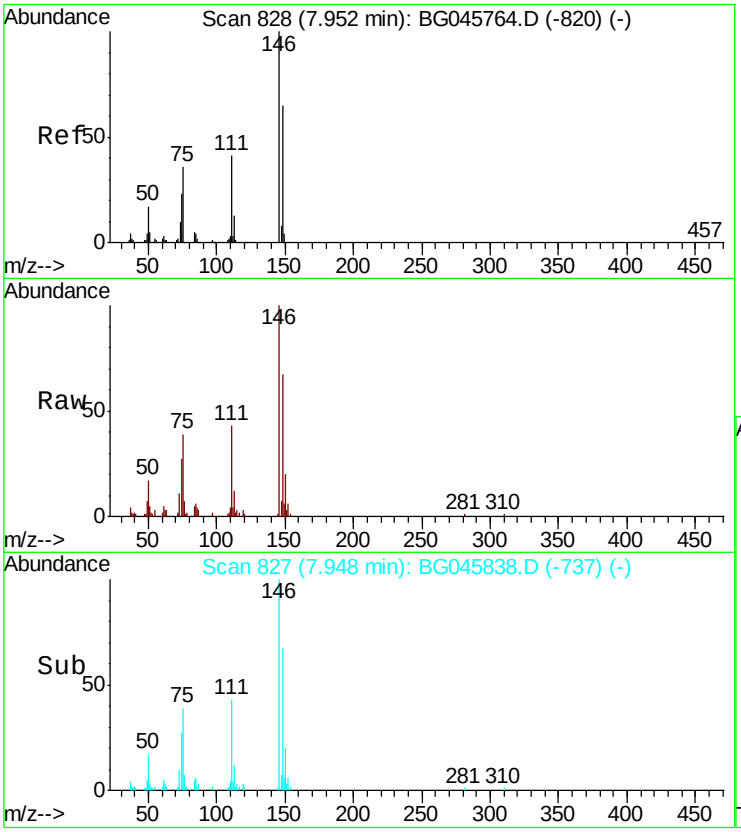


#12
1,3-Dichlorobenzene
Concen: 7.099 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.14 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:146 Resp: 29191

Ion	Ratio	Lower	Upper
146	100		
148	67.1	54.2	81.4
75	39.3	30.1	45.1



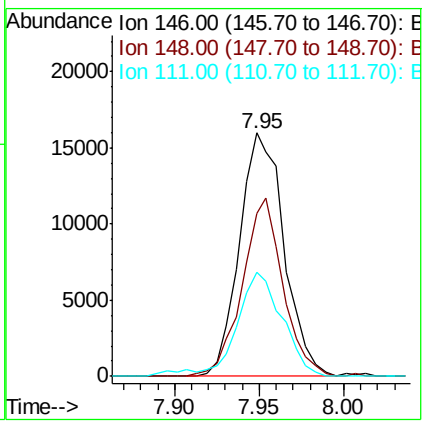


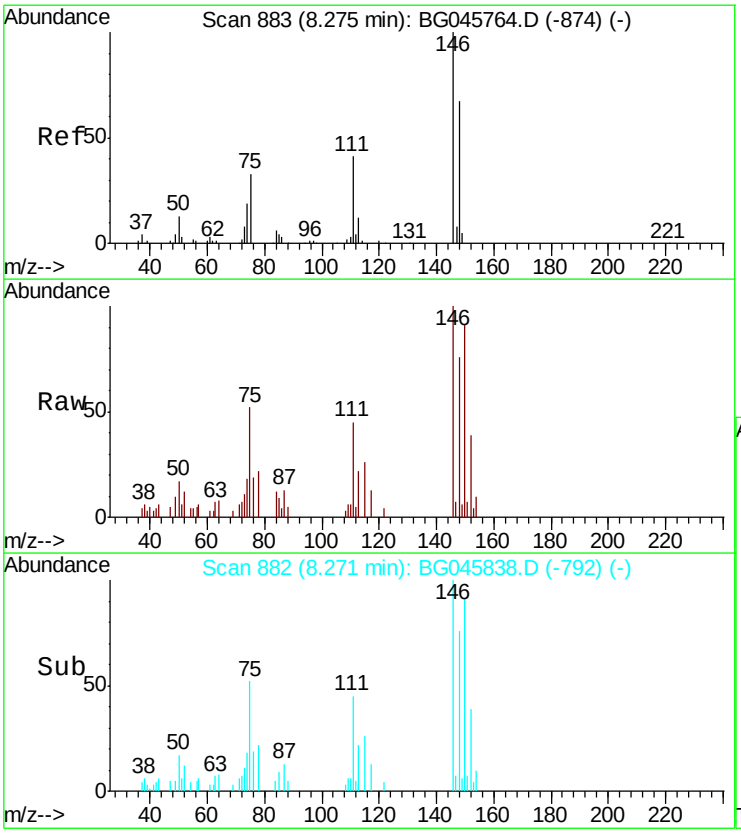
#13
1,4-Dichlorobenzene
Concen: 7.107 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:146 Resp: 29191

Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.8	77.6
111	42.6	32.8	49.2

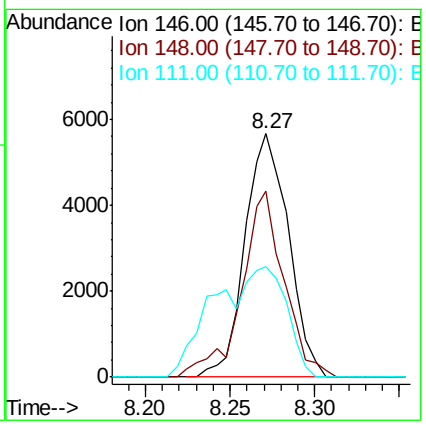


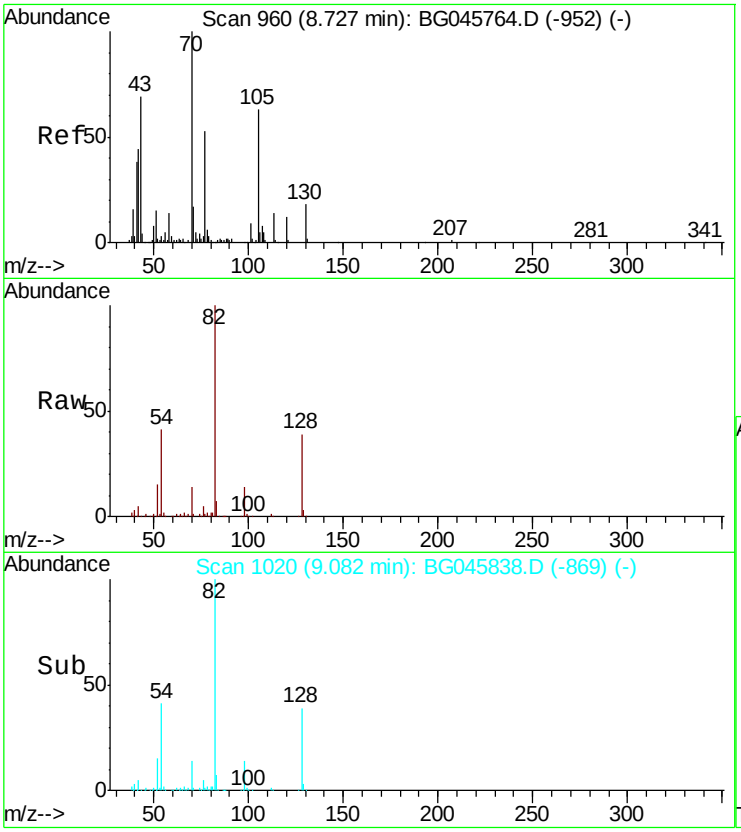


#14
1,2-Dichlorobenzene
Concen: 2.572 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:146 Resp: 10112

Ion	Ratio	Lower	Upper
146	100		
148	76.4	54.1	81.1
111	45.4	32.9	49.3



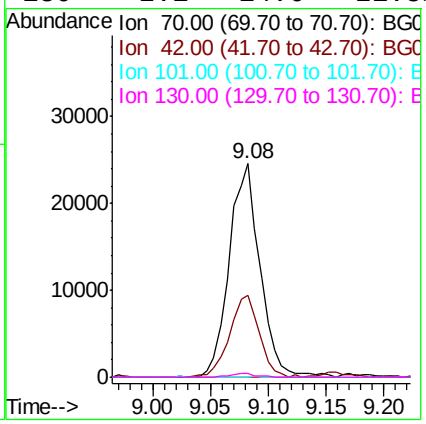


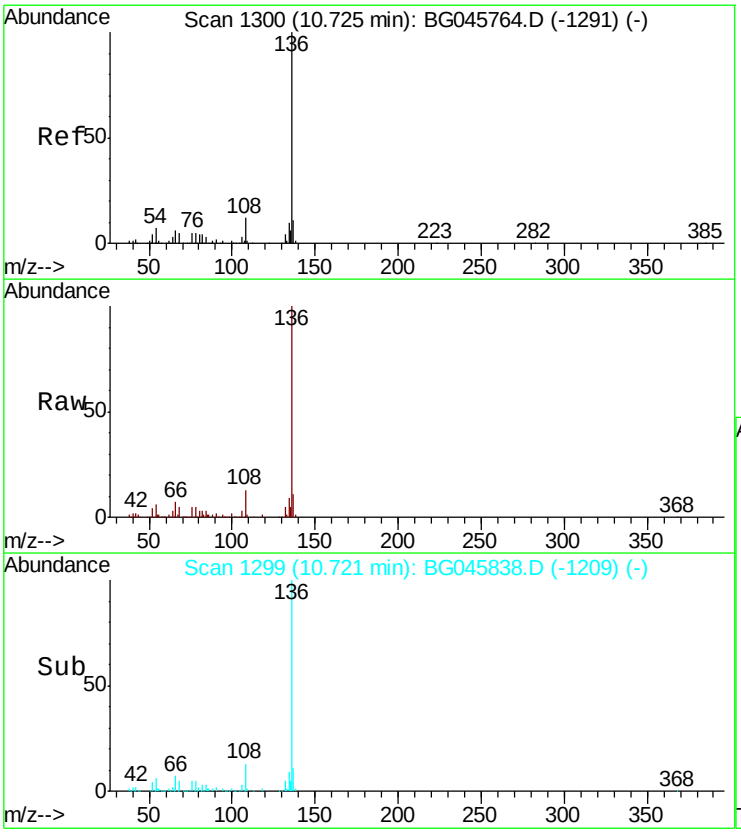
#19
n-Nitroso-di-n-propylamine
Concen: 14.092 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion: 70 Resp: 45429

Ion	Ratio	Lower	Upper
70	100		
42	38.2	35.1	52.7
101	0.0	7.4	11.0#
130	2.1	14.6	21.8#

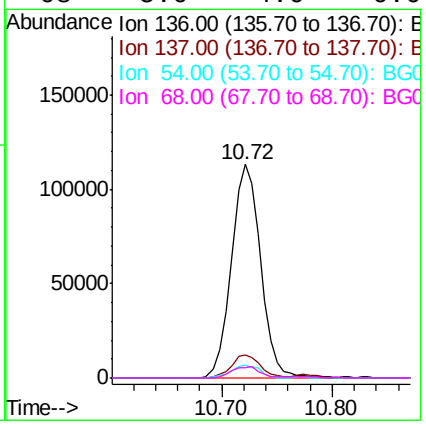


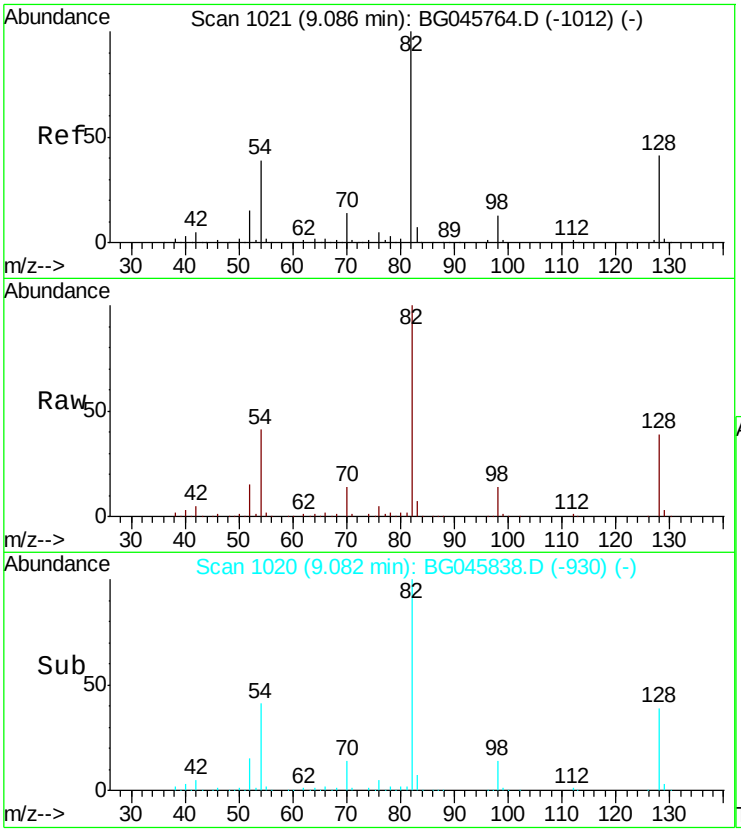


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:136 Resp: 210760

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.2	5.8	8.6
68	5.0	4.0	6.0



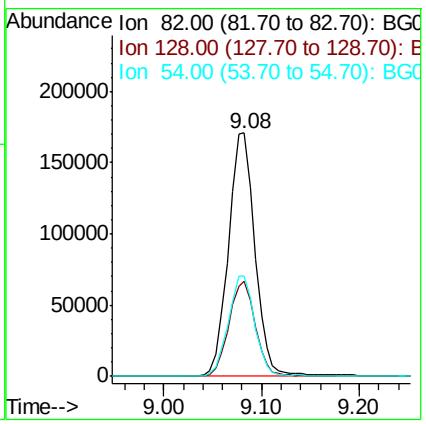


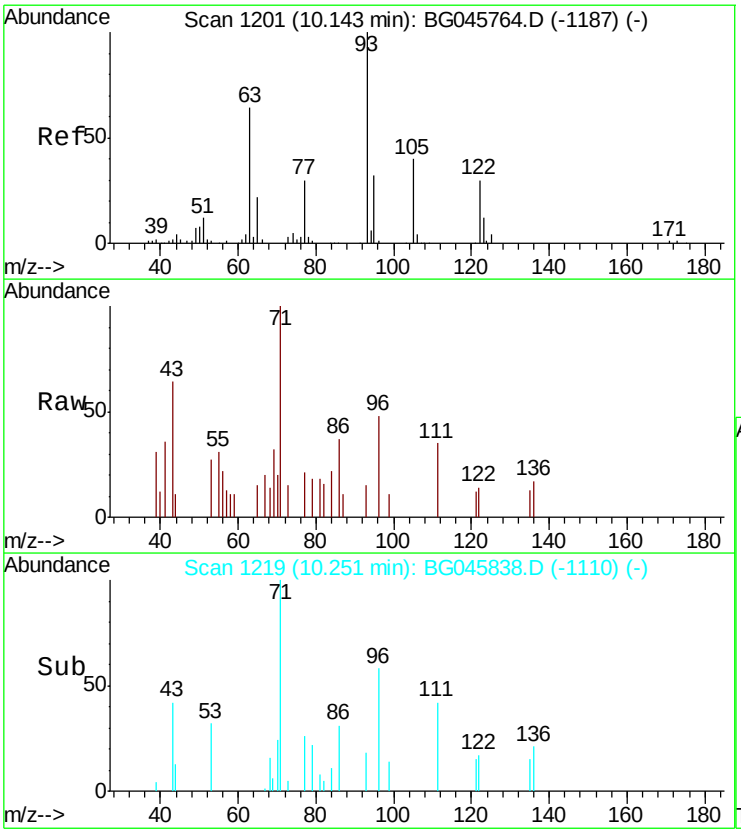
#23
Nitrobenzene-d5
Concen: 70.048 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion: 82 Resp: 323166

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.5	48.7
54	41.0	31.2	46.8

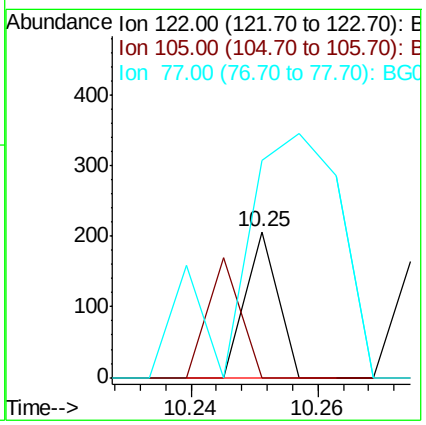


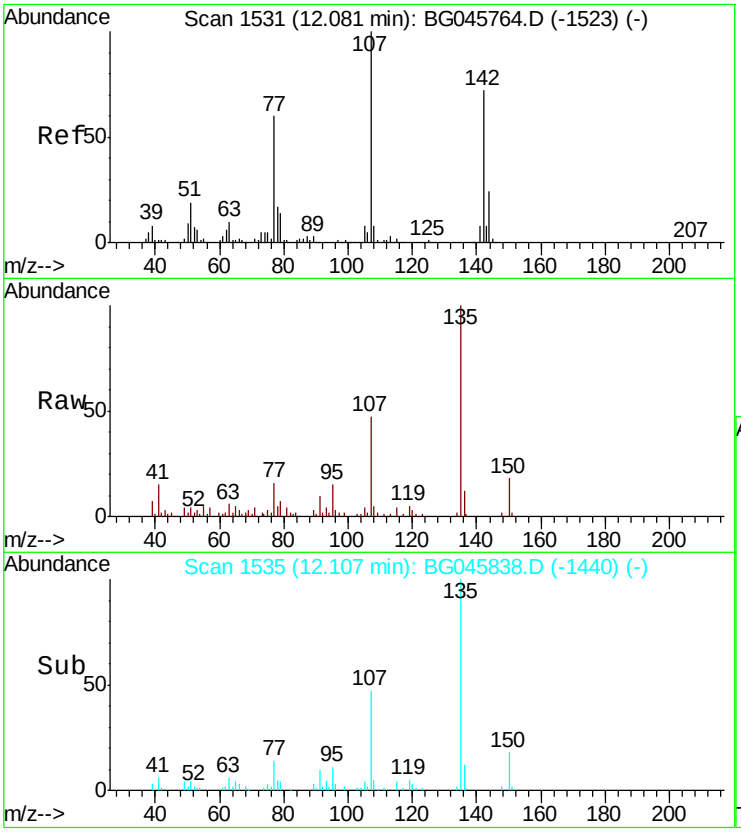


#32
Benzoic acid
Concen: 9.007 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.11 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.9	152.9#
77	148.8	79.2	119.2#



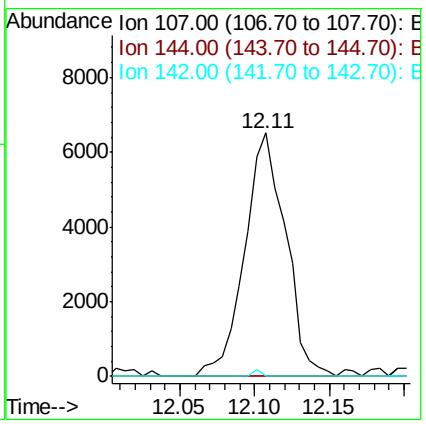


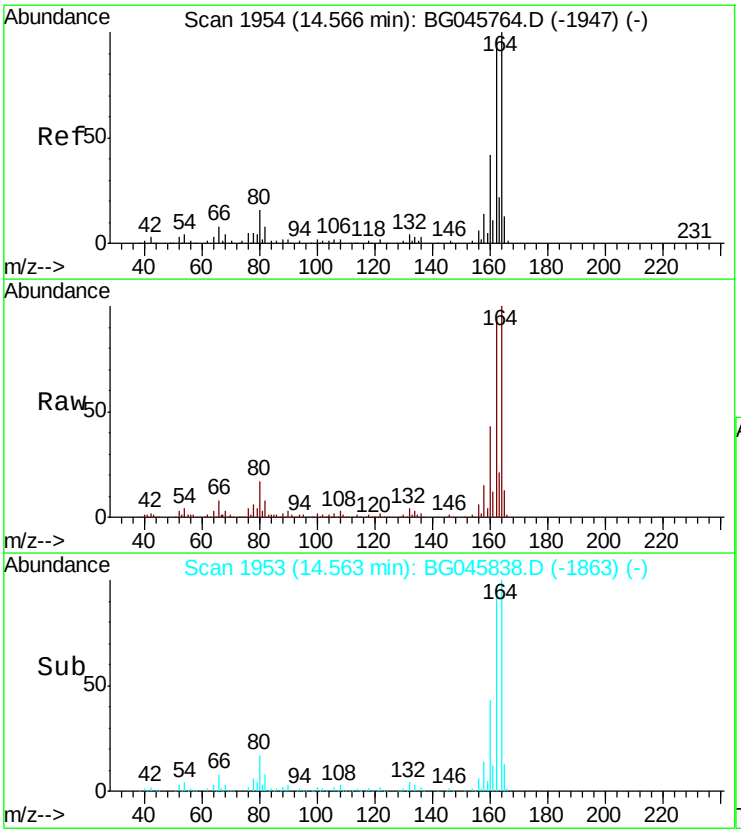
#36
4-Chloro-3-methylphenol
Concen: 2.937 ng
RT: 12.11 min Scan# 1535
Delta R.T. 0.03 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:107 Resp: 12378

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.5	29.3#
142	0.0	57.4	86.0#

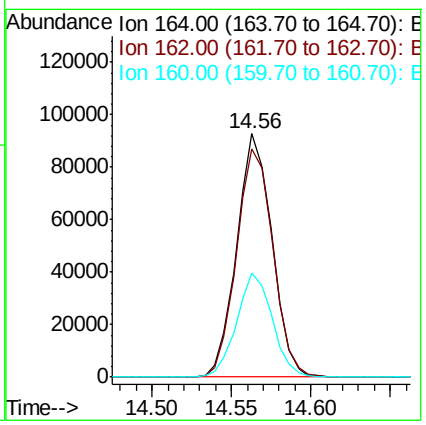


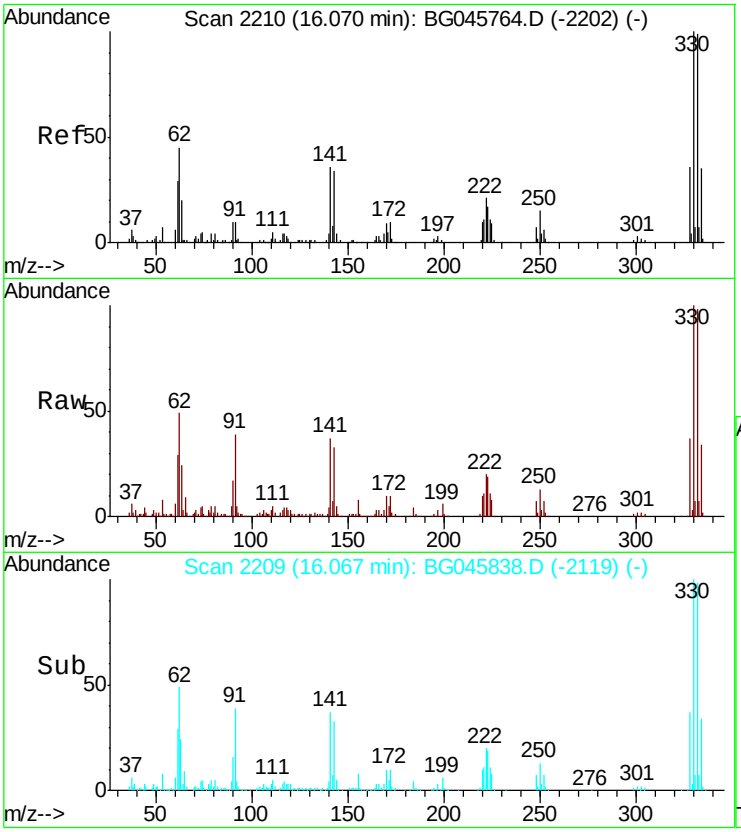


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:164 Resp: 142982

Ion	Ratio	Lower	Upper
164	100		
162	93.9	77.4	116.0
160	42.6	33.3	49.9



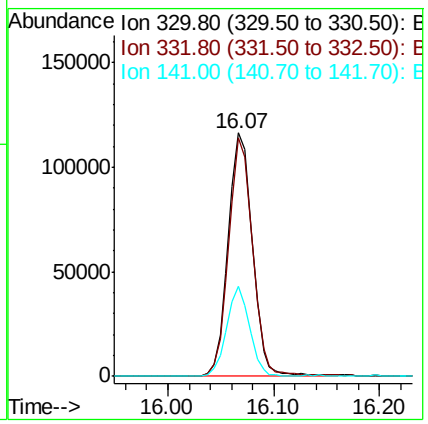


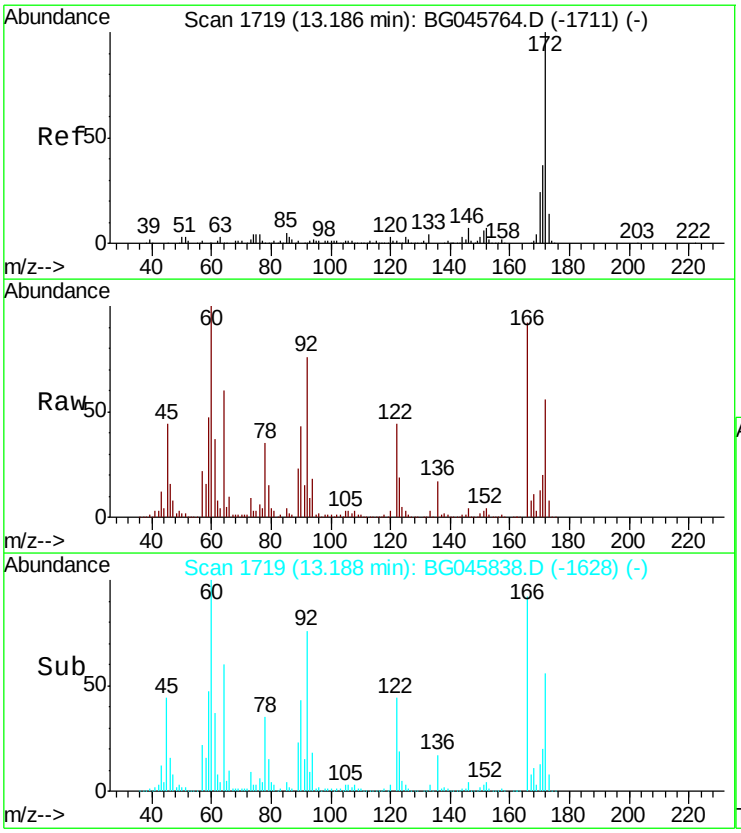
#42
2,4,6-Tribromophenol
Concen: 85.973 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:330 Resp: 185586

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.6	117.8
141	34.8	28.2	42.4

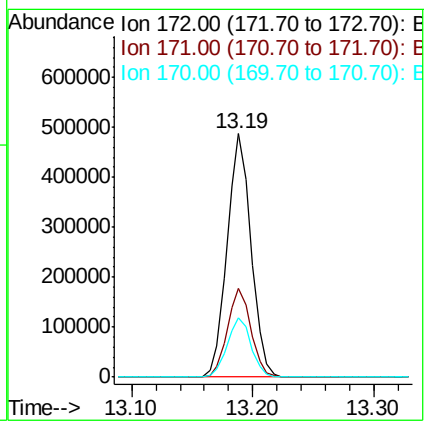


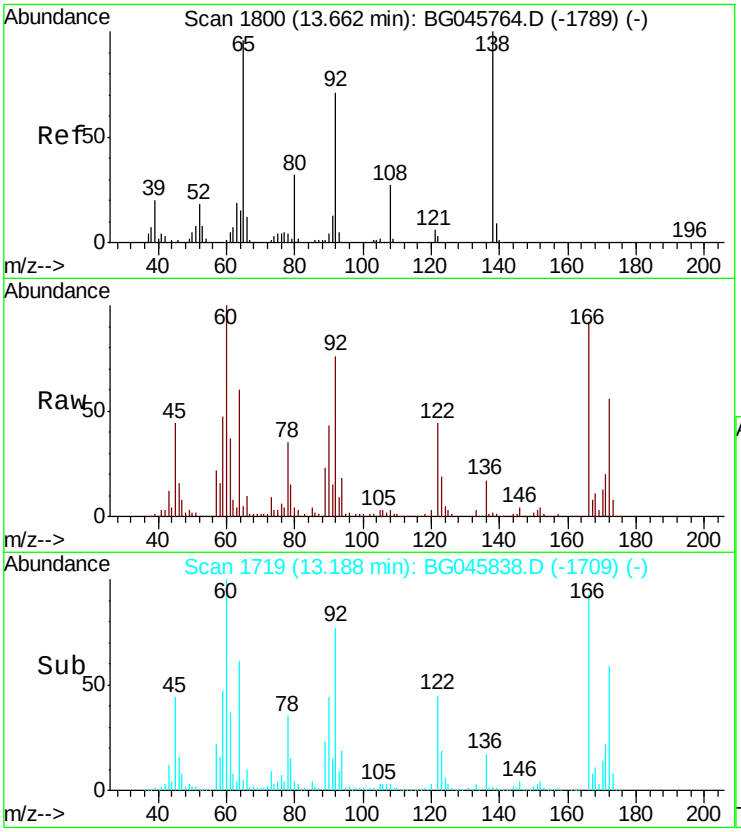


#45
2-Fluorobiphenyl
Concen: 68.870 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:172 Resp: 670080

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.1	19.3	28.9



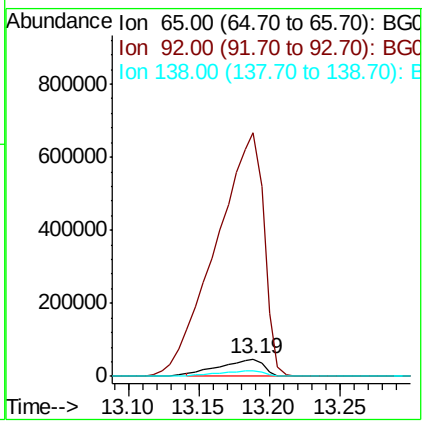


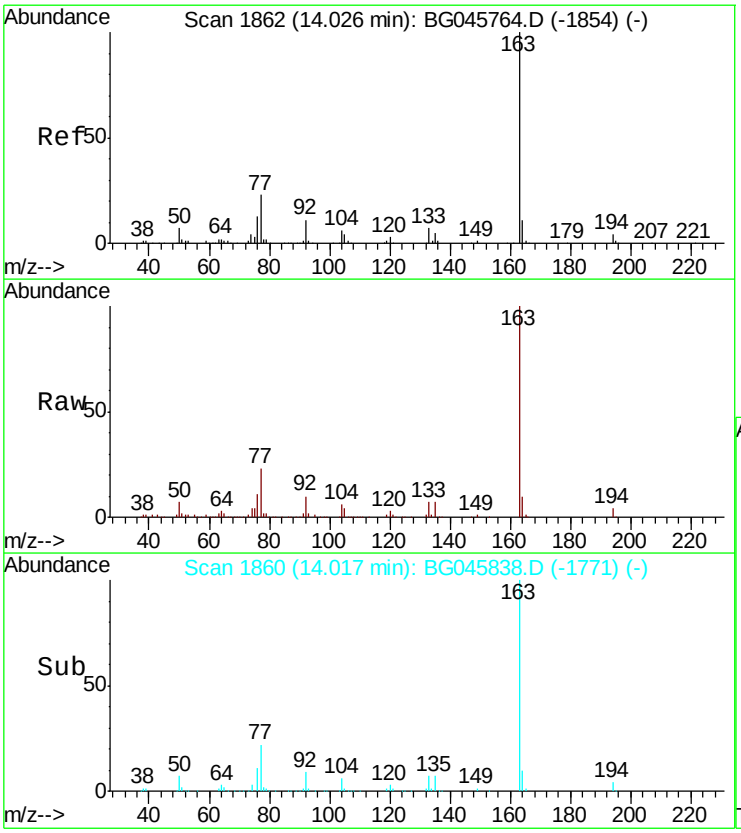
#48
2-Nitroaniline
Concen: 37.390 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.47 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion: 65 Resp: 102845

Ion	Ratio	Lower	Upper
65	100		
92	1404.9	59.0	88.6#
138	34.7	83.6	125.4#

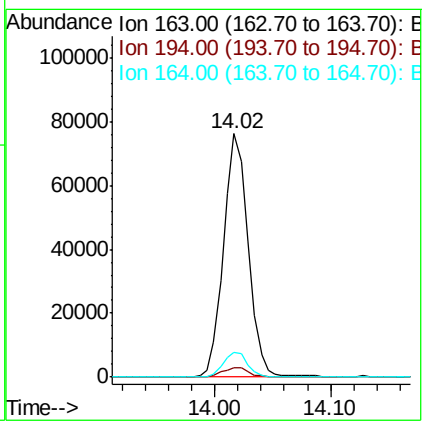


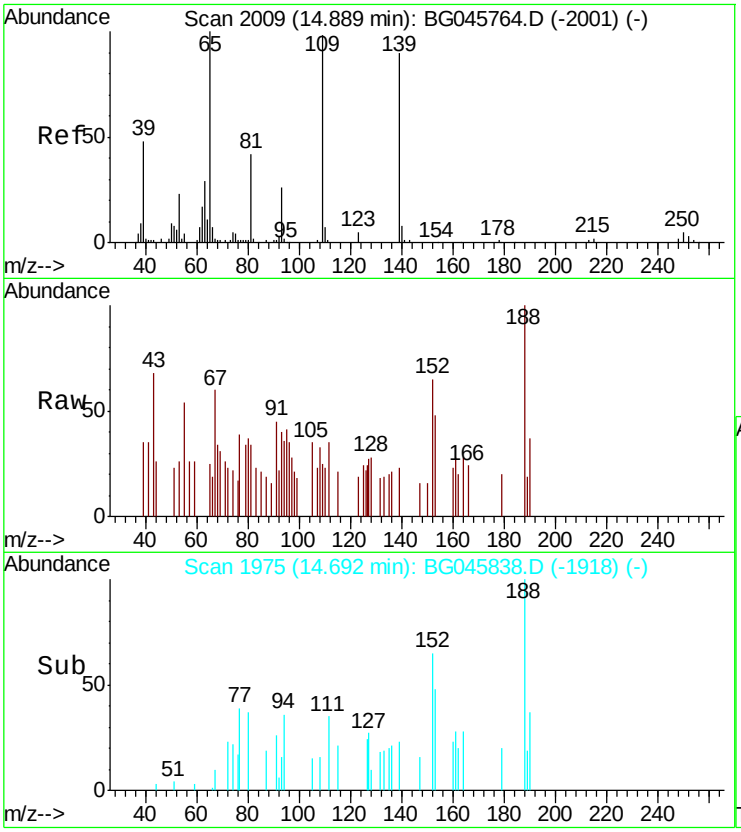


#50
Dimethylphthalate
Concen: 10.092 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:163 Resp: 113041

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	8.9	13.3



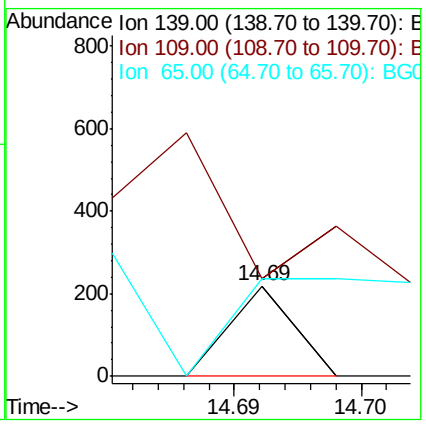


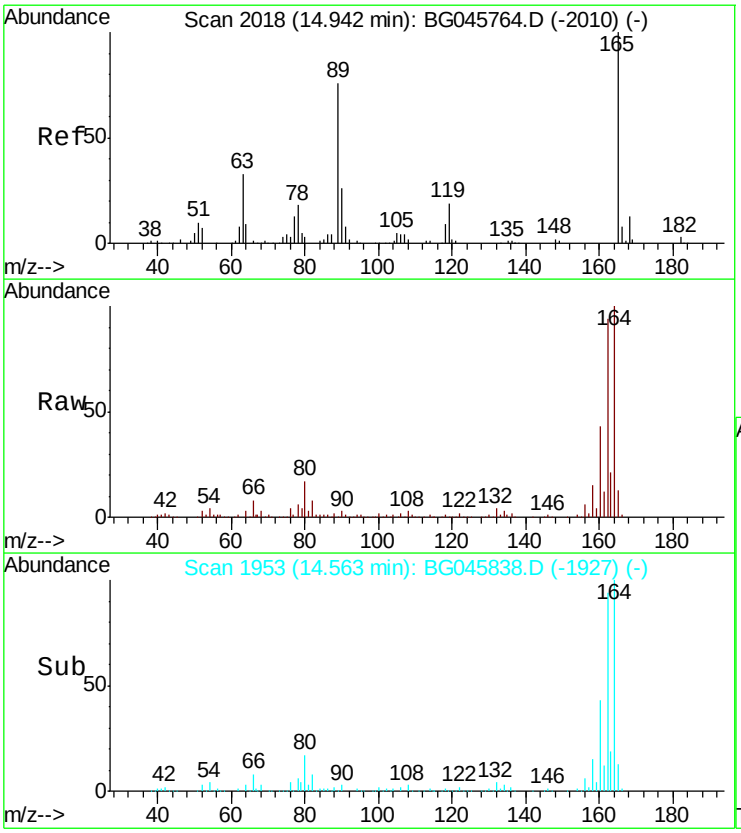
#56
4-Nitrophenol
Concen: 4.014 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.20 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:139 Resp: 77

Ion	Ratio	Lower	Upper
139	100		
109	108.2	88.9	128.9
65	108.2	92.3	132.3

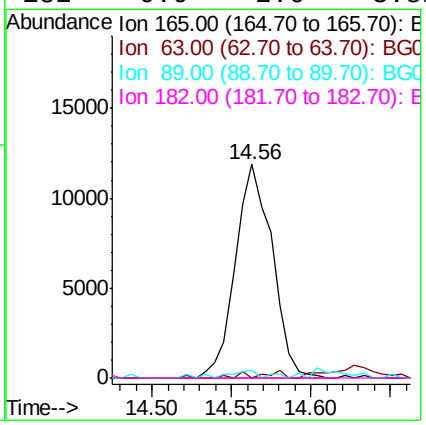


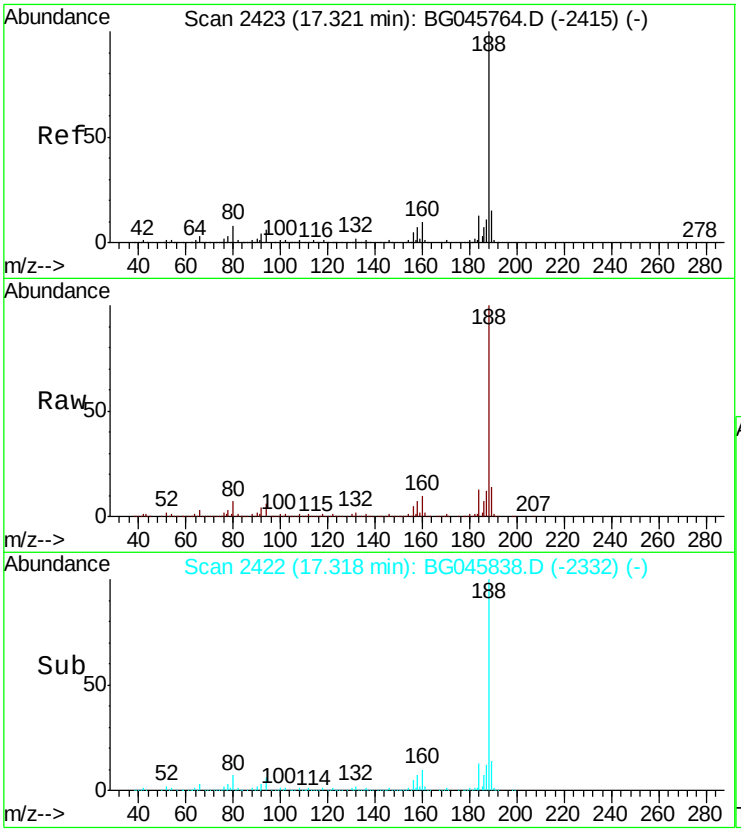


#57
2,4-Dinitrotoluene
Concen: 5.317 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.38 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:165 Resp: 19164

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	3.6	60.4	90.6#
182	0.0	2.6	3.8#



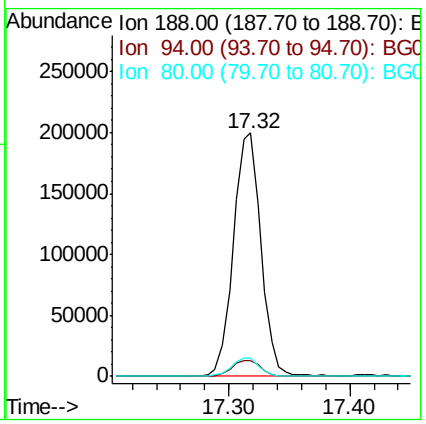


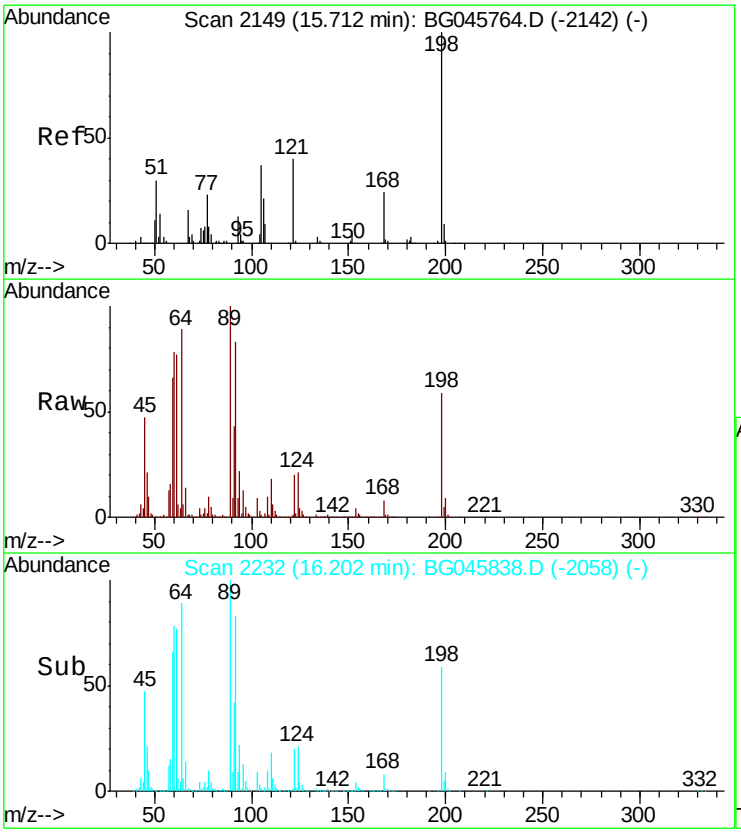
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:188 Resp: 316620

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.5	6.2	9.4

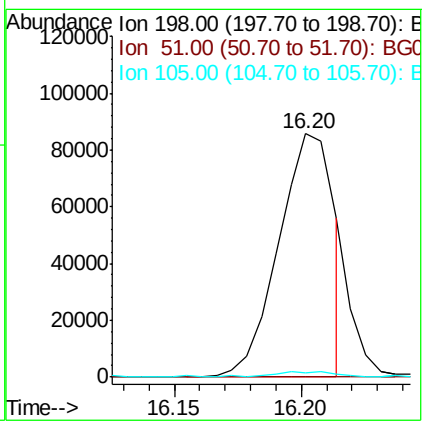


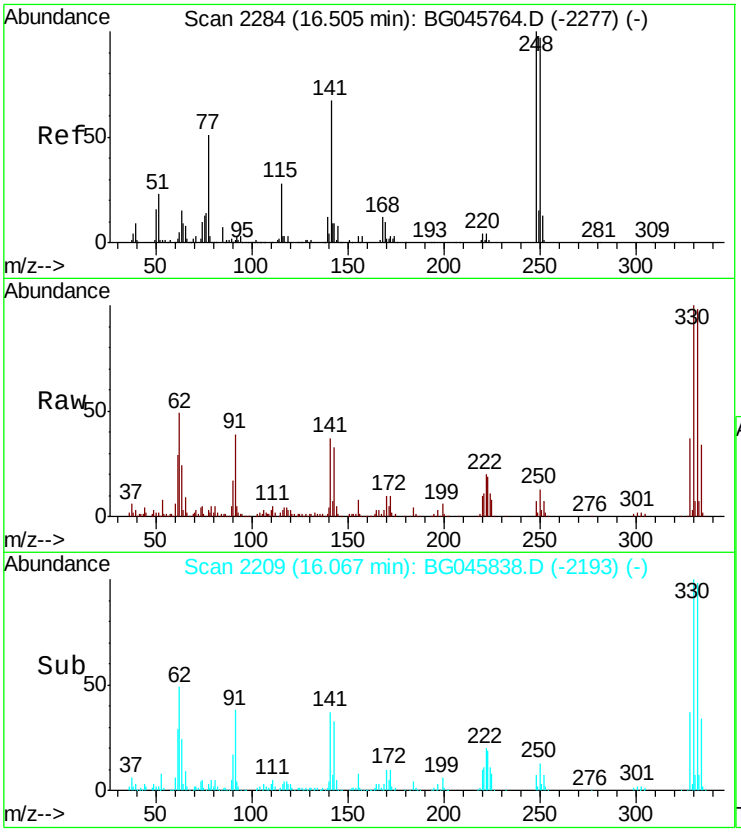


#65
4,6-Dinitro-2-methylphenol
Concen: 66.282 ng
RT: 16.20 min Scan# 2232
Delta R.T. 0.49 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:198 Resp: 129694

Ion	Ratio	Lower	Upper
198	100		
51	0.3	14.6	54.6#
105	2.0	18.4	58.4#



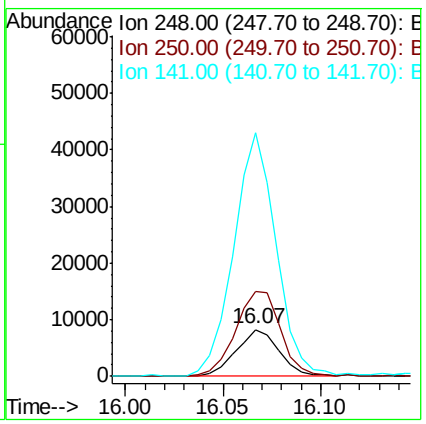


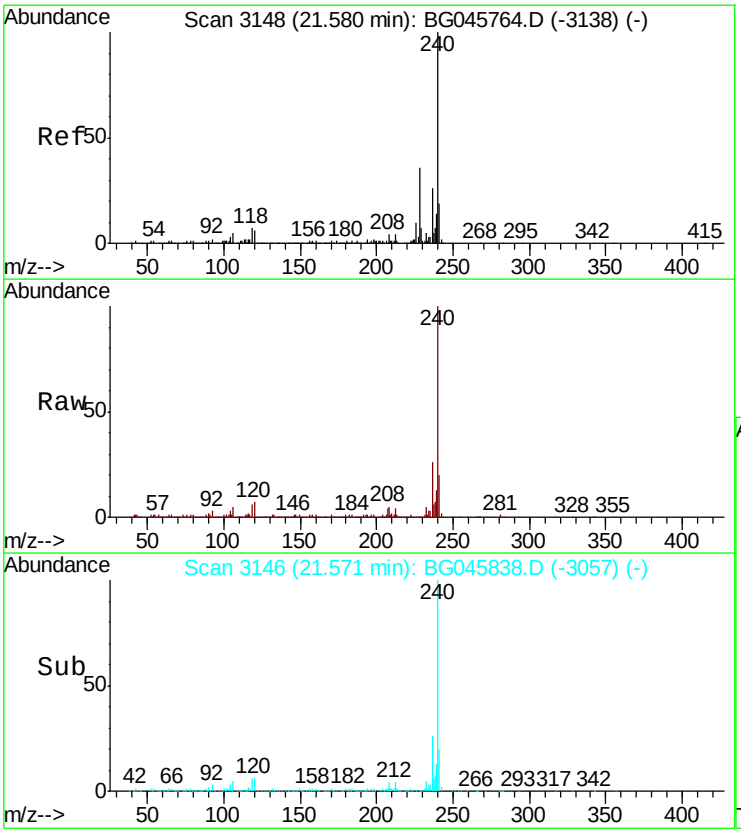
#67
4-Bromophenyl-phenylether
Concen: 3.041 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.44 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:248 Resp: 12509

Ion	Ratio	Lower	Upper
248	100		
250	182.8	78.0	117.0#
141	522.9	53.9	80.9#

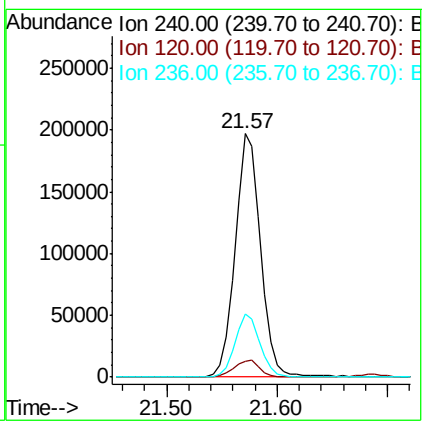


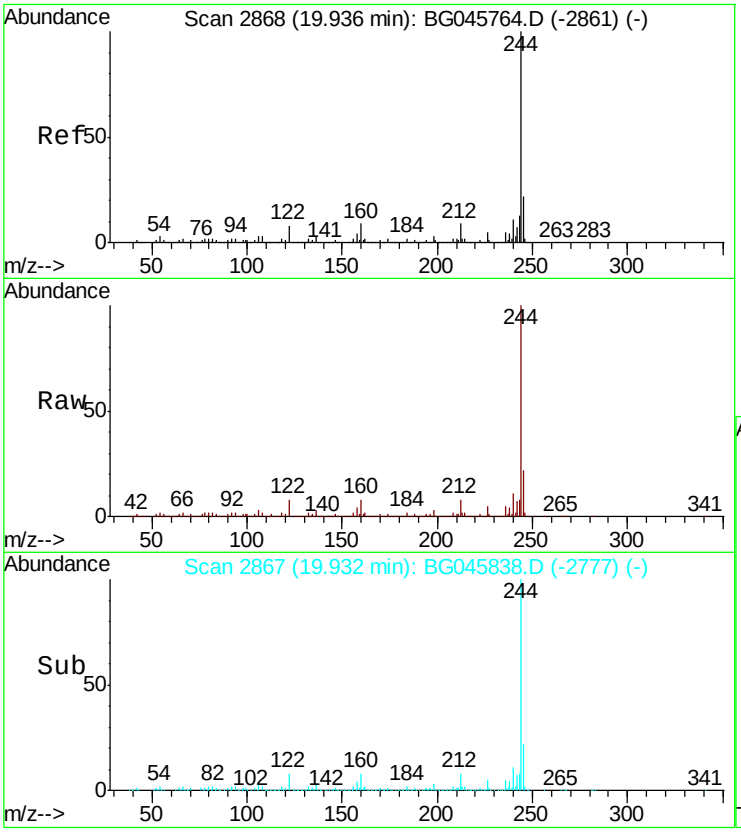


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:240 Resp: 317357

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.0	7.4
236	25.8	20.6	30.8



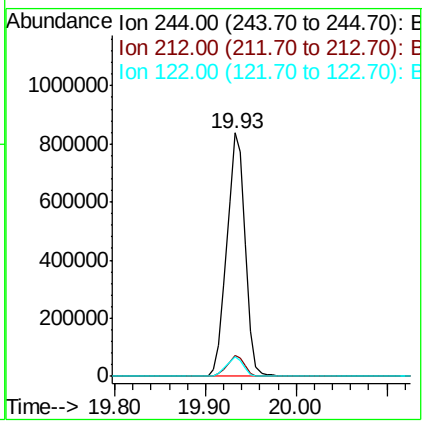


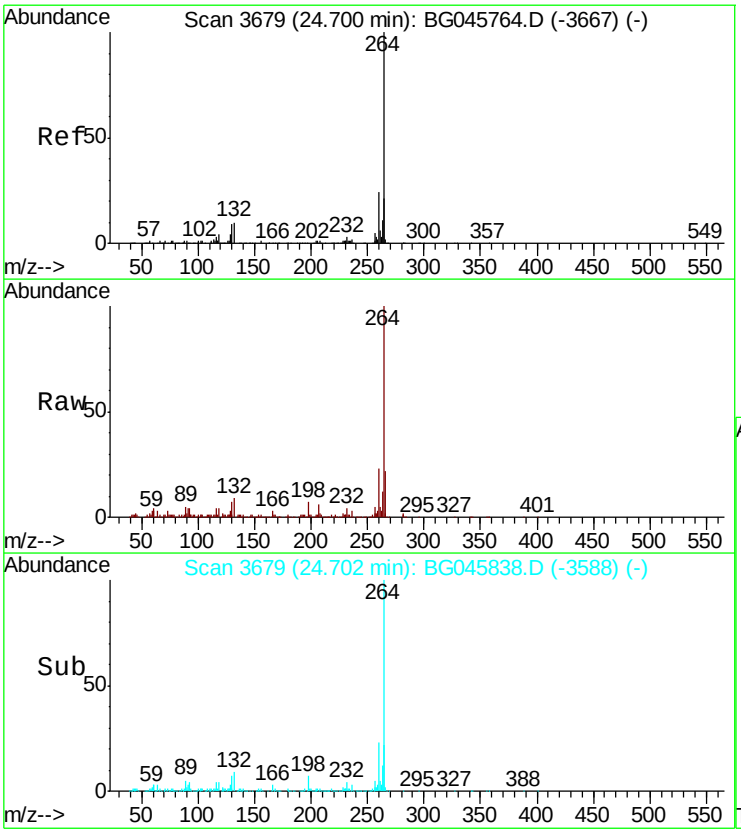
#79
Terphenyl-d14
Concen: 75.286 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_G
ClientSampleId :
SS043MW011-200615

Tgt Ion:244 Resp: 1178951

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.2	10.8
122	8.0	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045838.D
Acq: 23 Jun 2020 13:35

Tgt Ion:264 Resp: 346273

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	21.8	17.4	26.0