Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
Data File : BG040162.D
Acq On : 27 Mar 2019 00:59
Operator : JU/SJ
Sample : K2099-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-2H-A

Quant Time: Mar 27 03:00:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41184	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	166016	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	114065	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	268596	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	272146	20.00	ng	-0.04
87) Perylene-d12	25.15	264	275340	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	118701	49.17	ng	-0.02
7) Phenol-d6	7.28	99	113375	31.50	ng	-0.03
23) Nitrobenzene-d5	9.31	82	308922	100.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	138368	104.07	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	723321	90.29	ng	-0.03
79) Terphenyl-d14	20.10	244	993612	80.39	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	4801	4.308	ng	# 1
15) Benzyl Alcohol	8.46	79	5905	2.068	ng	# 60
18) Hexachloroethane	9.24	117	15614	12.898	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	42179	16.280	ng	# 66
22) Acetophenone	8.93	105	17459	3.918	ng	# 48
31) Naphthalene	11.01	128	17732	2.017	ng	# 83
32) Benzoic acid	10.23	122	314	6.761	ng	# 71
37) 2-Methylnaphthalene	12.60	142	18523	2.819	ng	93
38) 1-Methylnaphthalene	12.82	142	21878	3.426	ng	# 96
50) Dimethylphthalate	14.20	163	19418	2.036	ng	# 95
57) 2,4-Dinitrotoluene	14.76	165	15655	5.510	ng	# 22
67) 4-Bromophenyl-phenylether	16.25	248	10808	3.595	ng	# 1
77) Benzidine	20.10	184	17756	2.056	ng	# 90

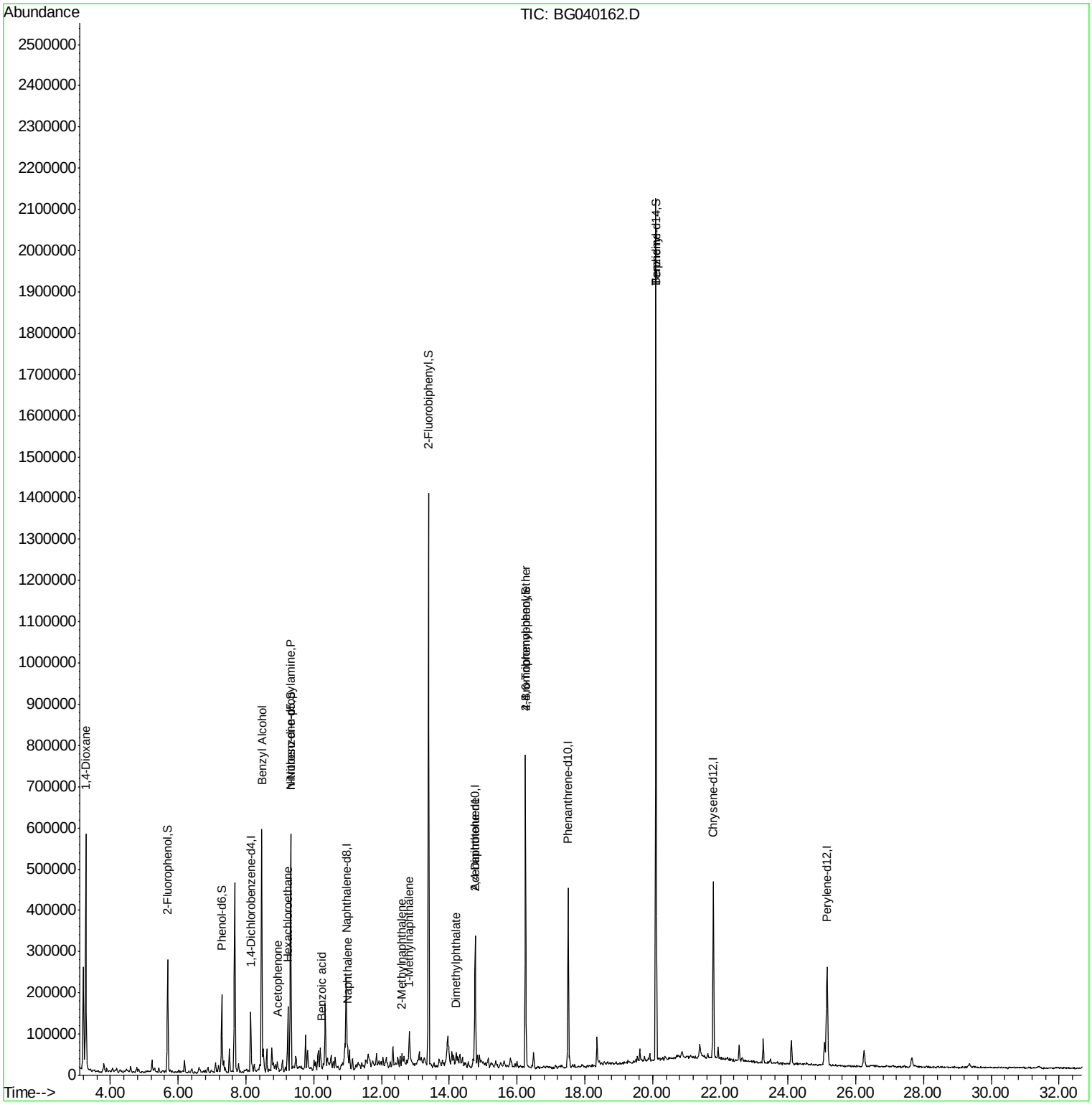
(#) = qualifier out of range (m) = manual integration (+) = signals summed

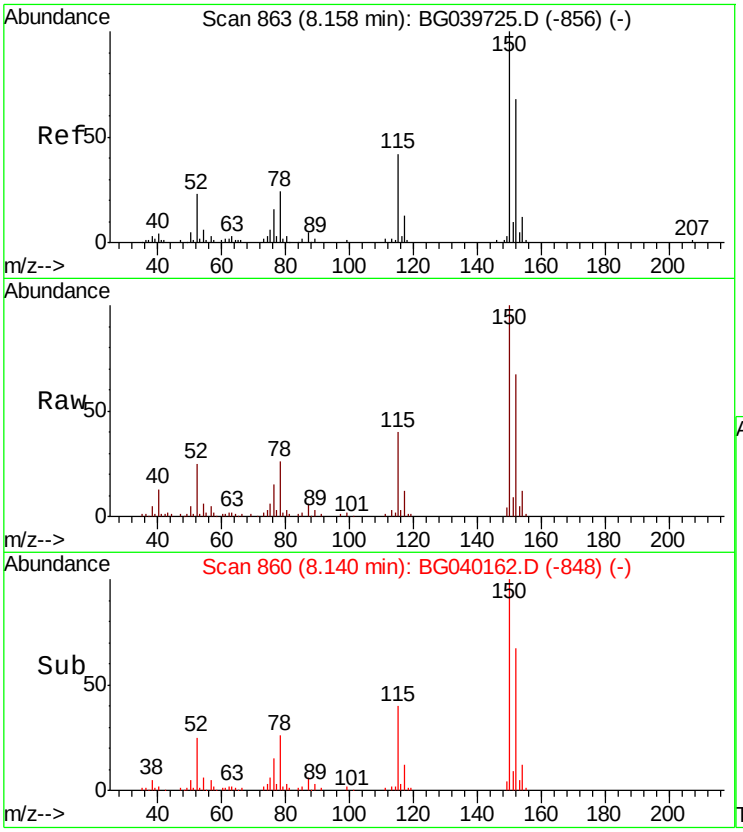
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
Data File : BG040162.D
Acq On : 27 Mar 2019 00:59
Operator : JU/SJ
Sample : K2099-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Quant Time: Mar 27 03:00:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



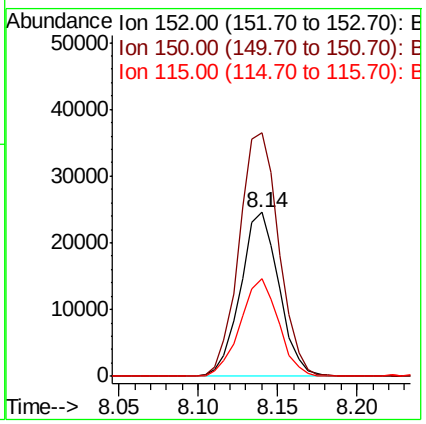


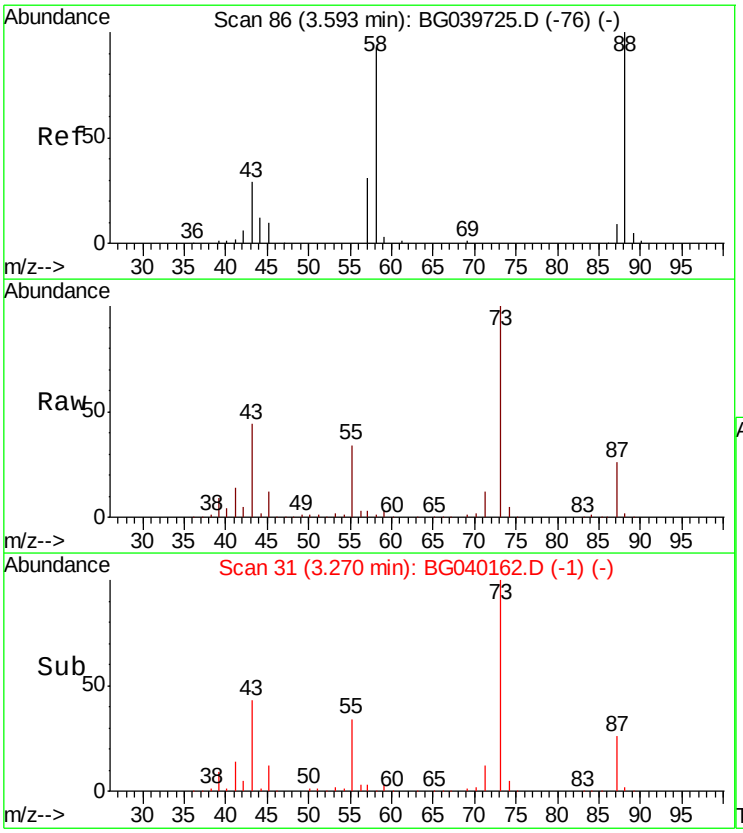
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:152 Resp: 41184

Ion	Ratio	Lower	Upper
152	100		
150	148.4	123.7	185.5
115	59.9	45.9	68.9

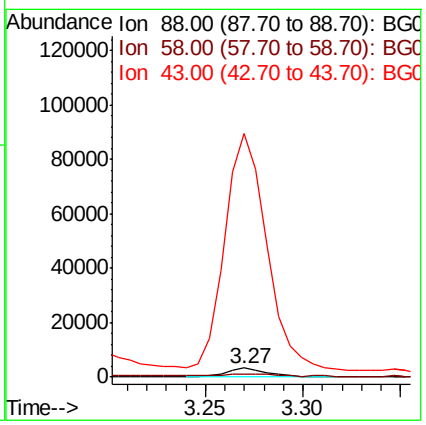


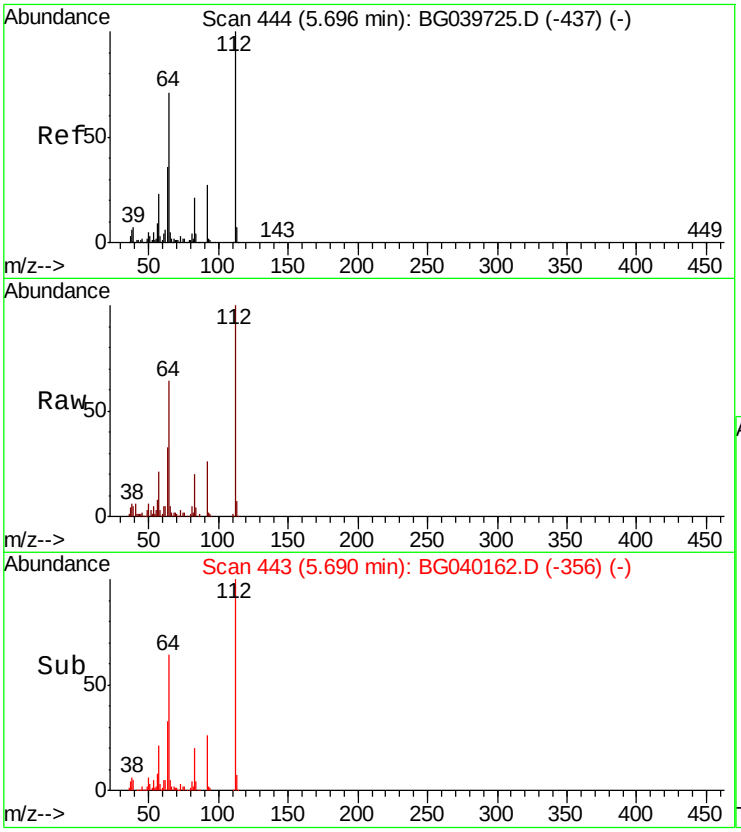


#2
1,4-Dioxane
Concen: 4.308 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.34 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion: 88 Resp: 4801

Ion	Ratio	Lower	Upper
88	100		
58	53.6	81.1	121.7#
43	2718.8	31.4	47.0#



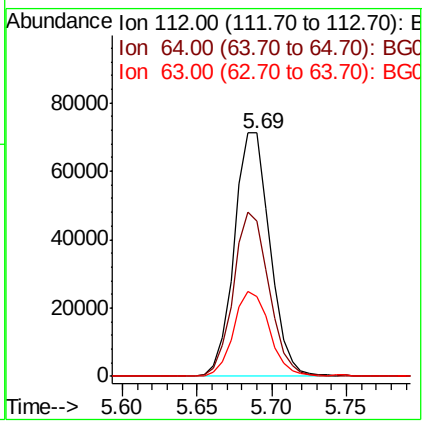


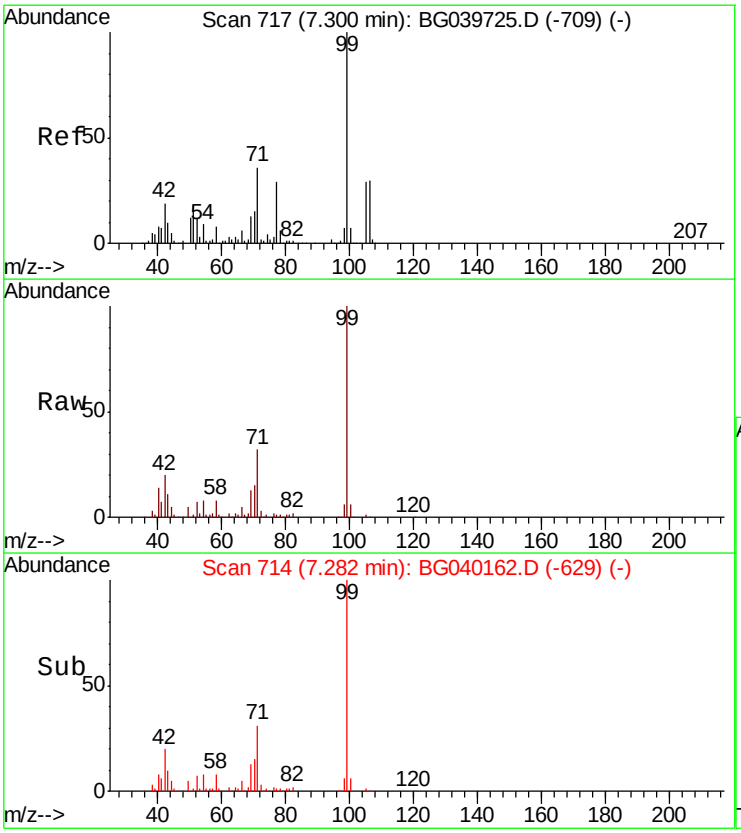
#5
2-Fluorophenol
Concen: 49.171 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:112 Resp: 118701

Ion	Ratio	Lower	Upper
112	100		
64	63.7	57.8	86.8
63	32.8	29.8	44.6

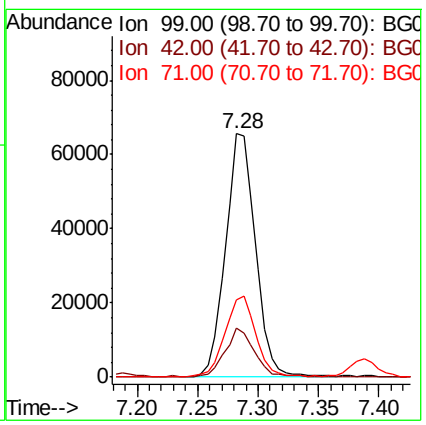


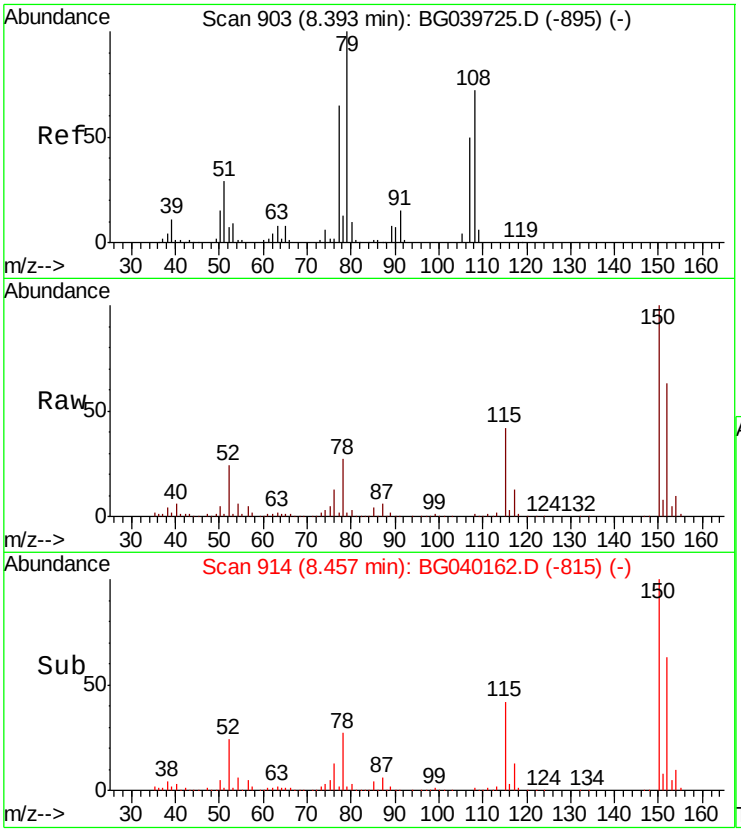


#7
Phenol-d6
Concen: 31.497 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion: 99 Resp: 113375

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.2
71	31.7	28.0	42.0



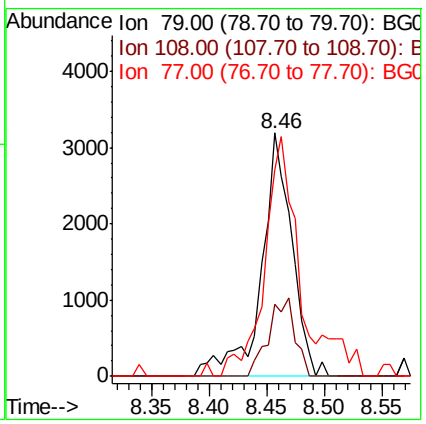


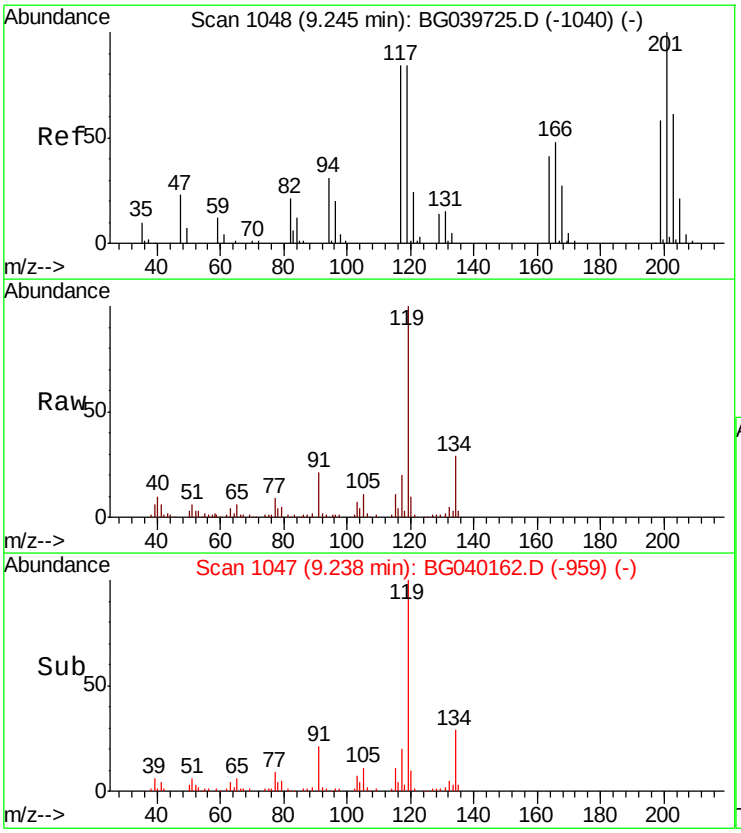
#15
Benzyl Alcohol
Concen: 2.068 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion: 79 Resp: 5905

Ion	Ratio	Lower	Upper
79	100		
108	29.6	57.8	86.6#
77	84.8	51.1	76.7#

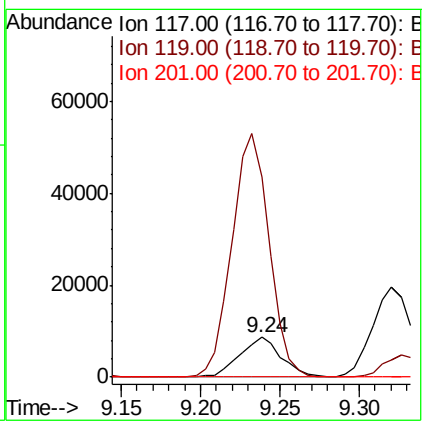


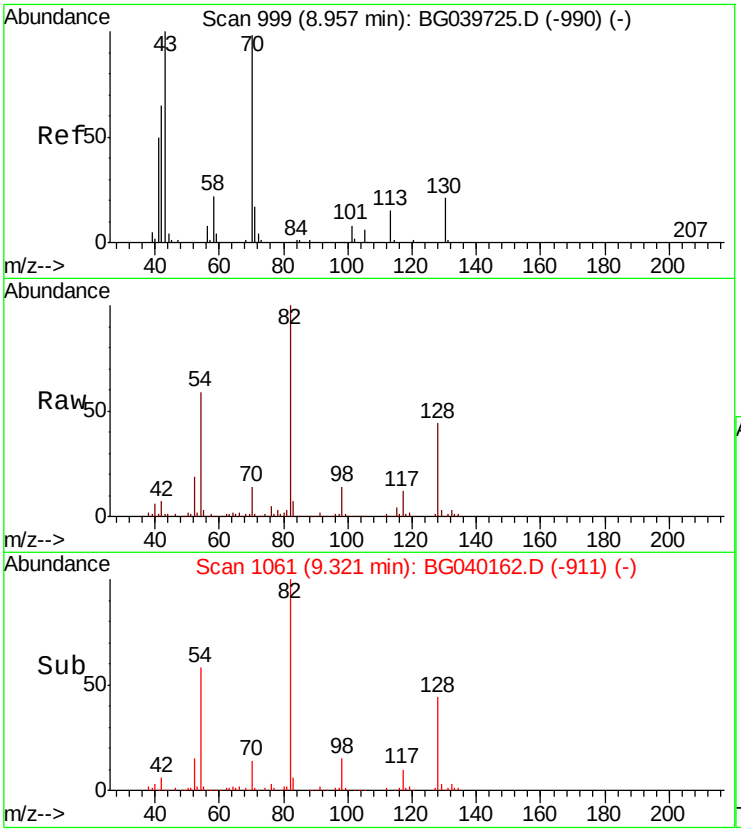


#18
Hexachloroethane
Concen: 12.898 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:117 Resp: 15614

Ion	Ratio	Lower	Upper
117	100		
119	500.9	76.3	114.5#
201	0.0	91.1	136.7#



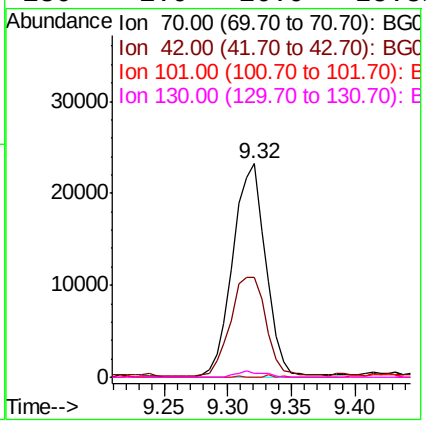


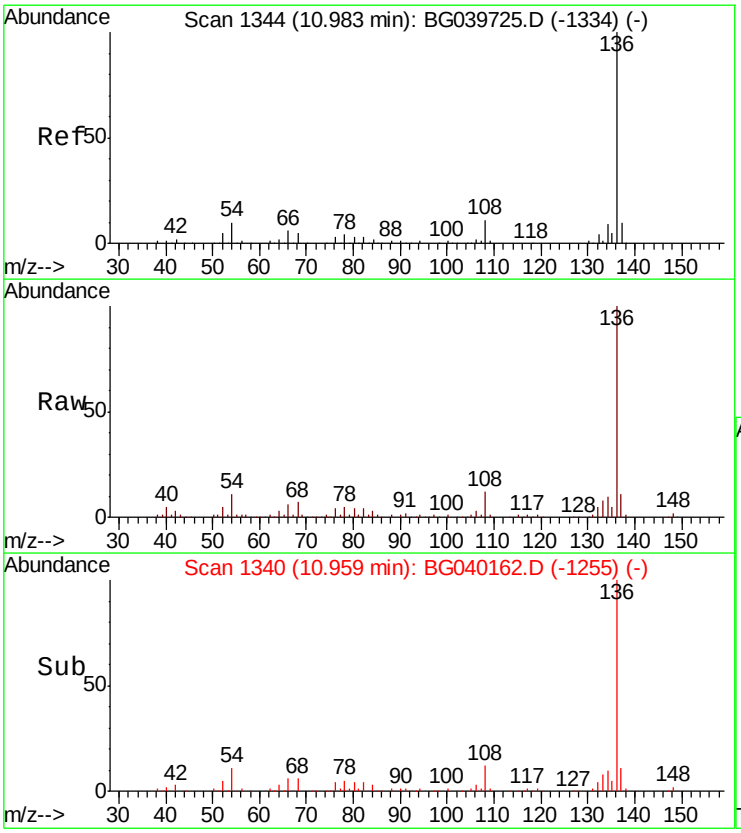
#19
n-Nitroso-di-n-propylamine
Concen: 16.280 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion: 70 Resp: 42179

Ion	Ratio	Lower	Upper
70	100		
42	46.9	60.4	90.6#
101	0.0	7.5	11.3#
130	1.9	16.9	25.3#

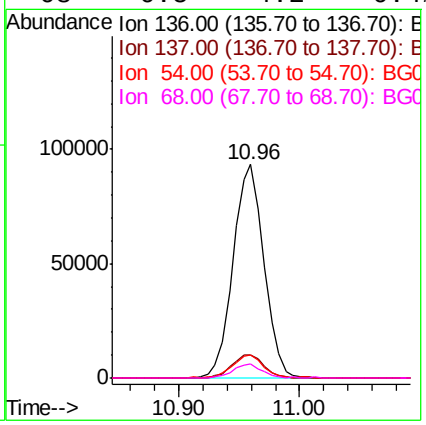


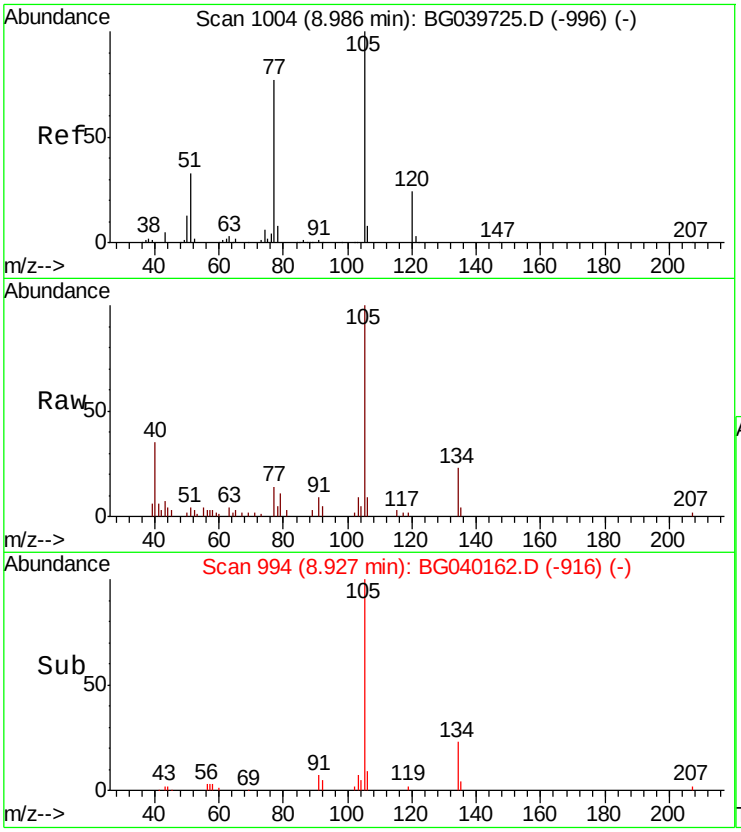


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:136 Resp: 166016

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.8	9.4	14.2
68	6.5	4.2	6.4#



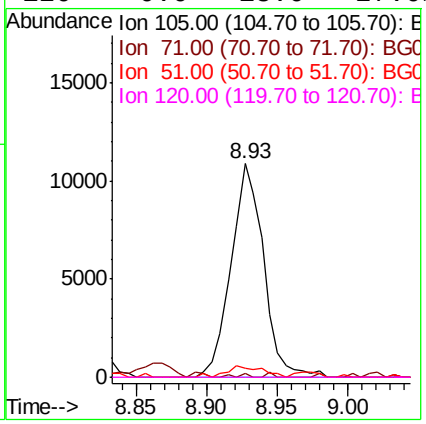


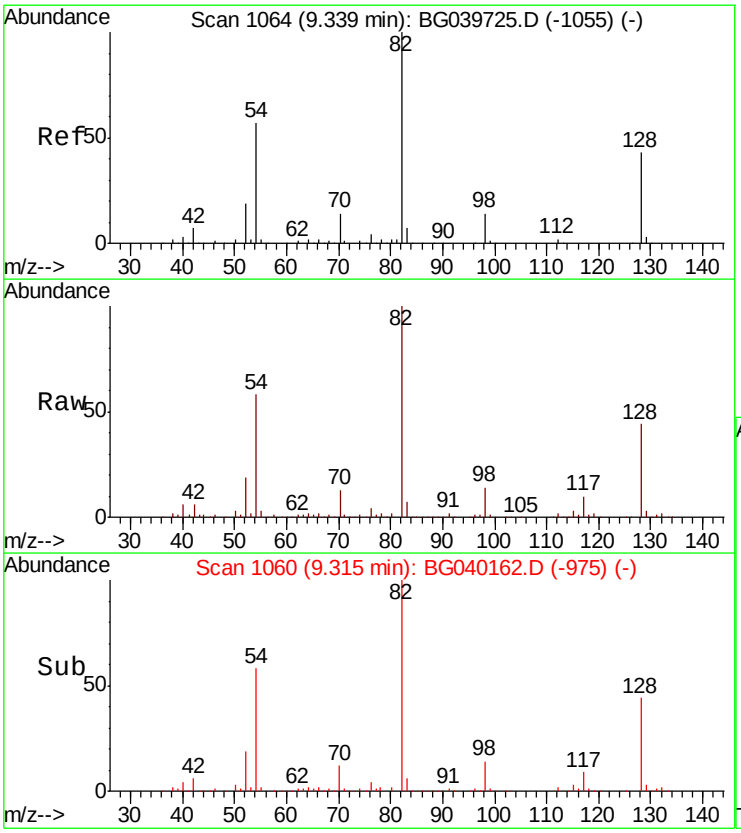
#22
Acetophenone
Concen: 3.918 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.07 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:105 Resp: 17459

Ion	Ratio	Lower	Upper
105	100		
71	2.0	0.8	1.2#
51	4.0	30.2	45.2#
120	0.0	18.0	27.0#

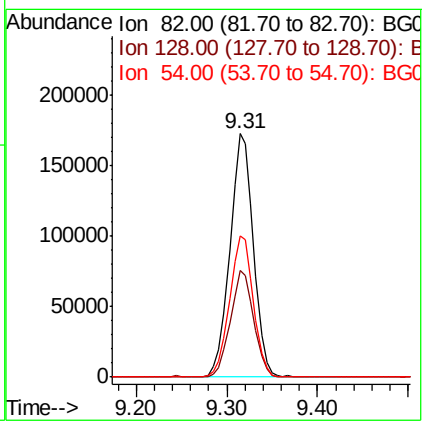


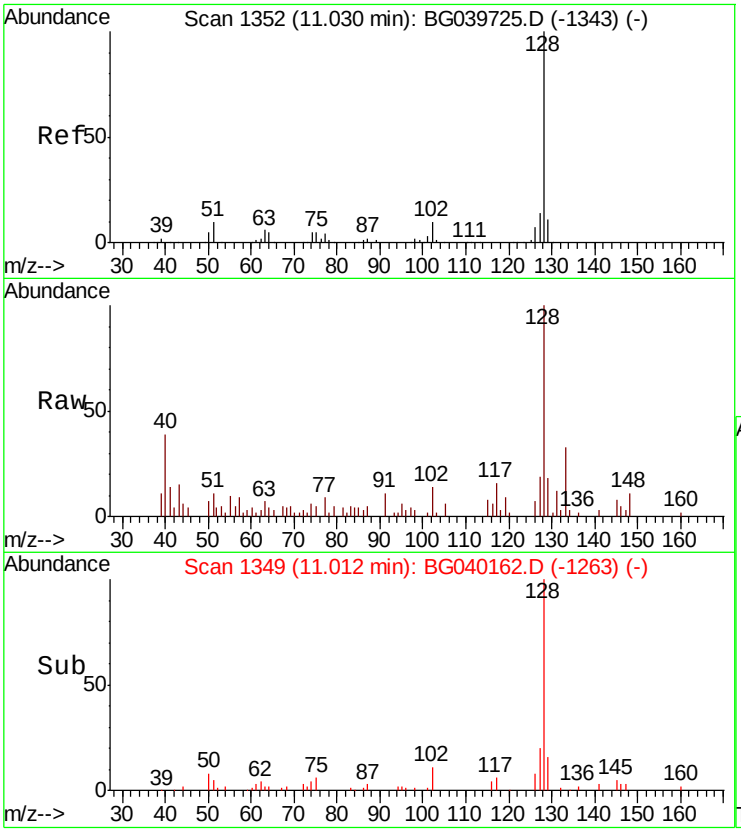


#23
Nitrobenzene-d5
Concen: 100.639 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion: 82 Resp: 308922

Ion	Ratio	Lower	Upper
82	100		
128	43.9	31.3	46.9
54	58.3	50.9	76.3



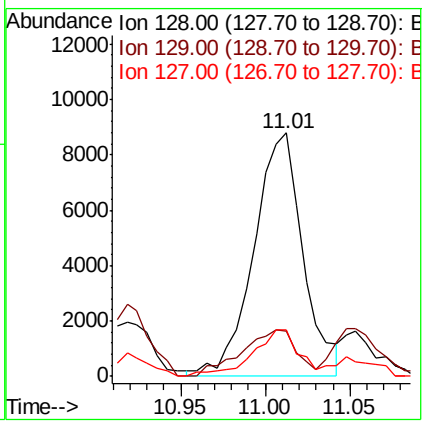


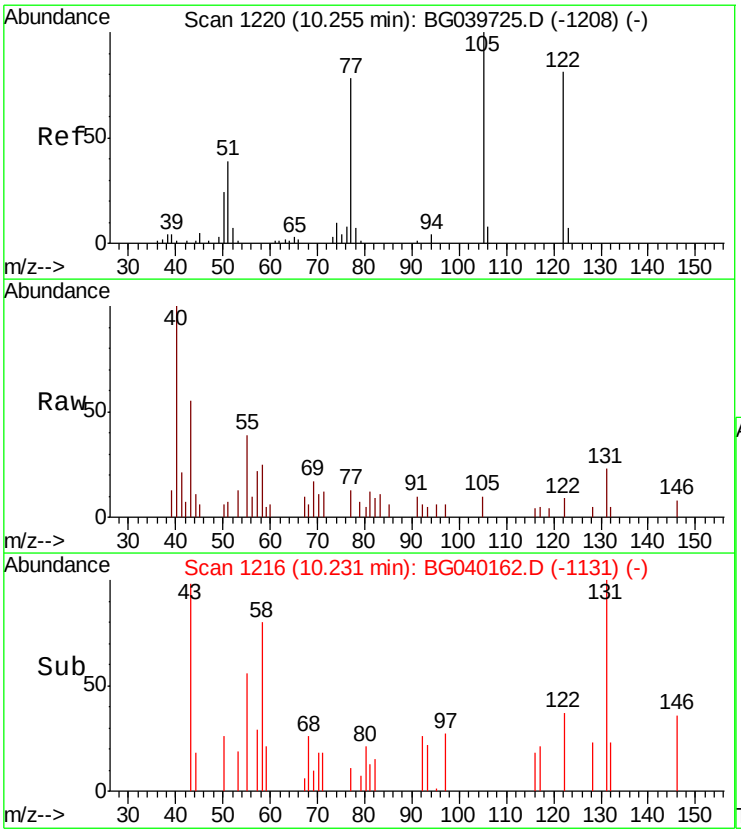
#31
Naphthalene
Concen: 2.017 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:128 Resp: 17732

Ion	Ratio	Lower	Upper
128	100		
129	18.4	8.7	13.1#
127	19.2	10.8	16.2#

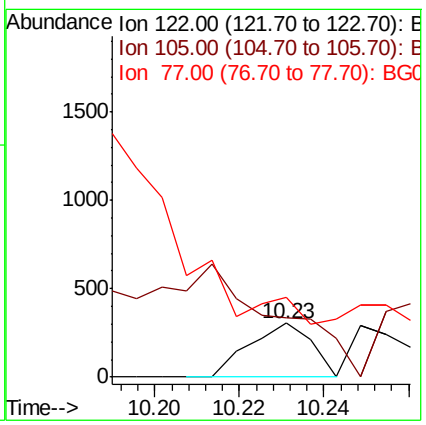


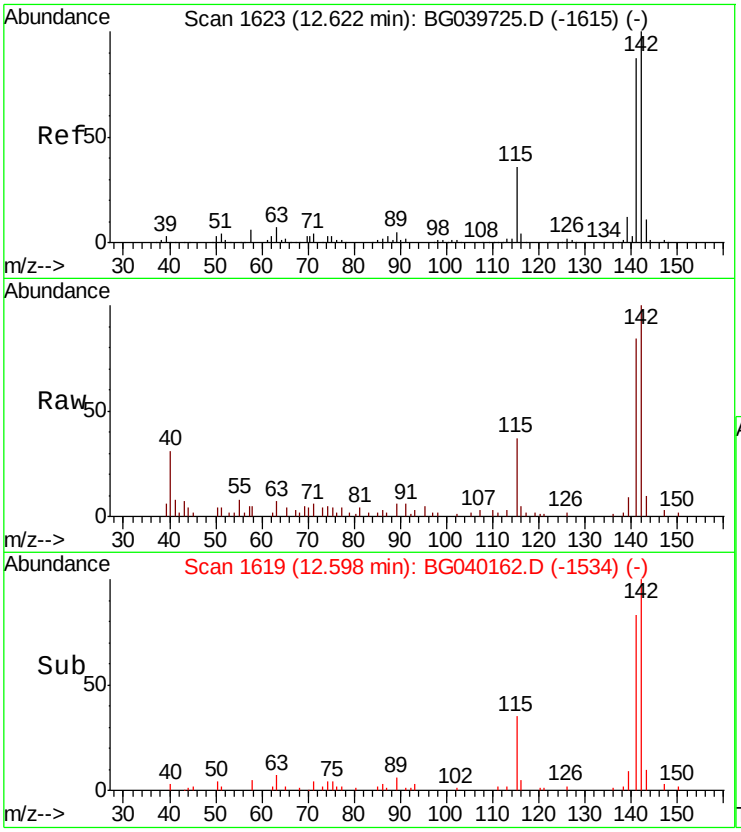


#32
Benzoic acid
Concen: 6.761 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:122 Resp: 314

Ion	Ratio	Lower	Upper
122	100		
105	110.5	101.8	141.8
77	148.2	76.3	116.3#



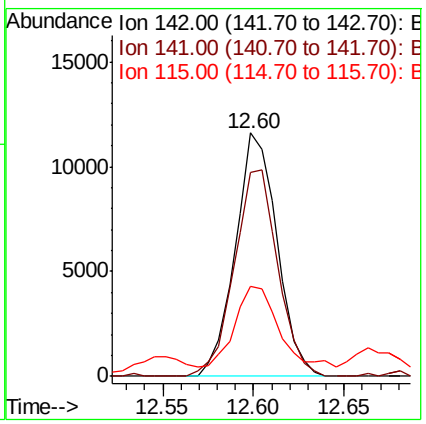


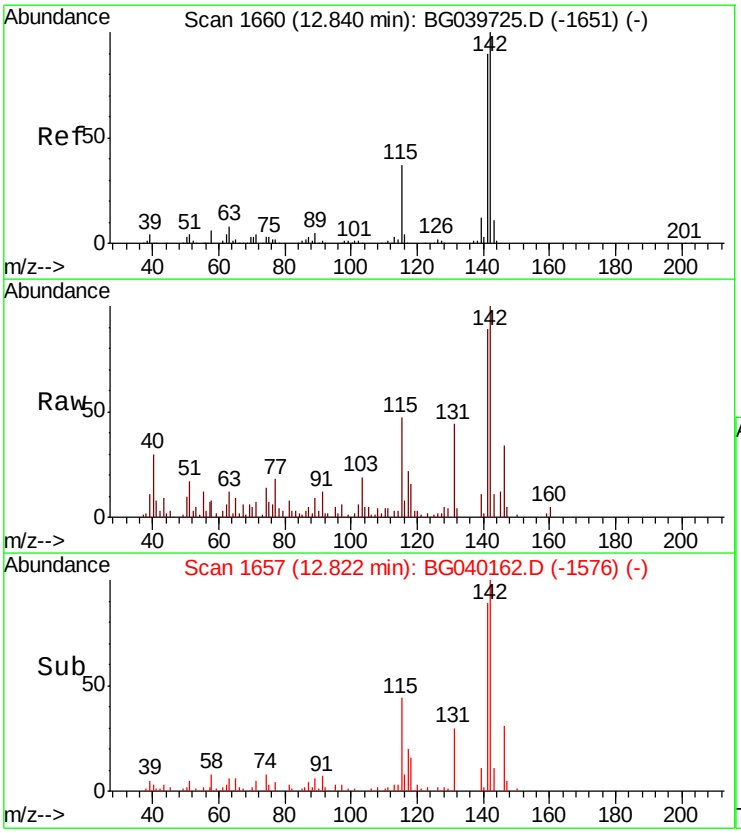
#37
2-Methylnaphthalene
Concen: 2.819 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:142 Resp: 18523

Ion	Ratio	Lower	Upper
142	100		
141	83.9	73.5	110.3
115	37.1	30.8	46.2

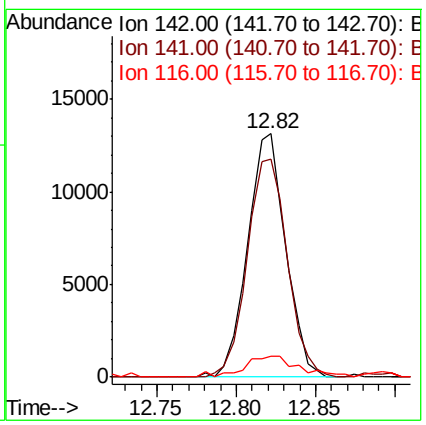


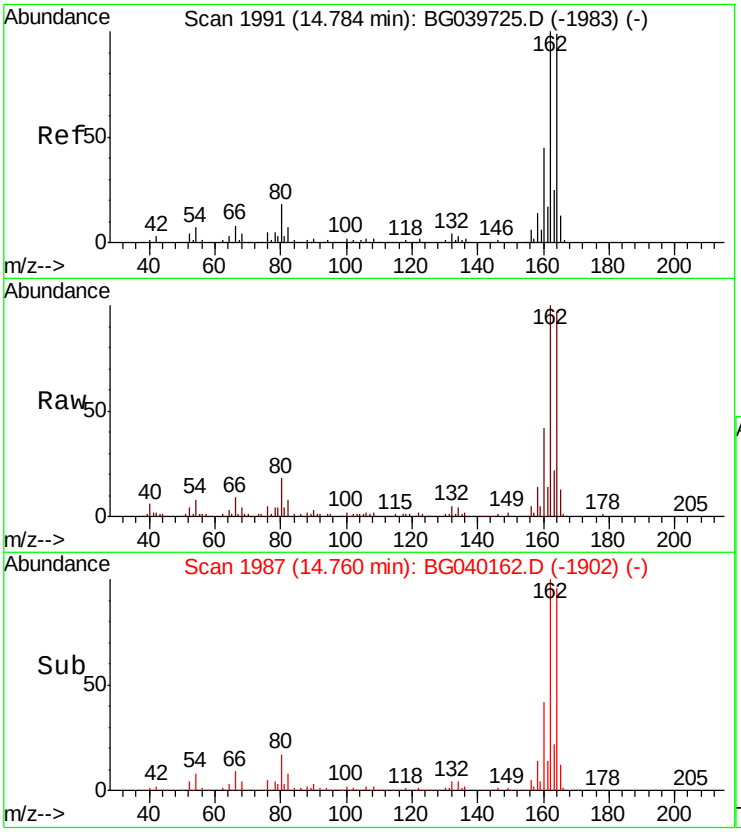


#38
1-Methylnaphthalene
Concen: 3.426 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:142 Resp: 21878

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.2	111.4
116	8.4	3.0	4.6#



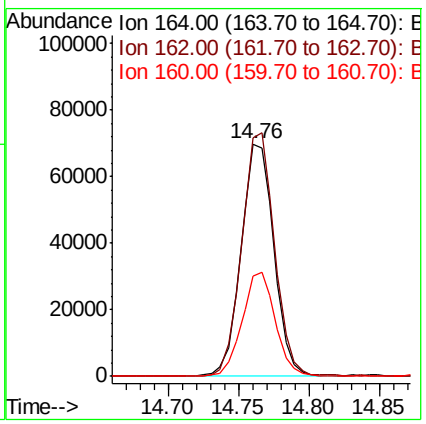


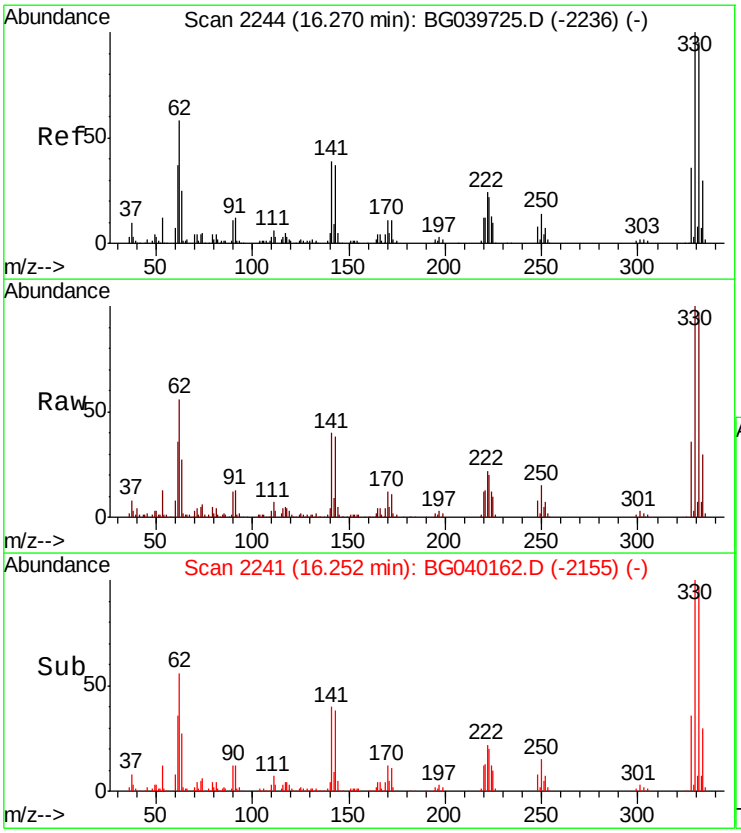
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:164 Resp: 114065

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.6	122.4
160	43.1	34.2	51.2

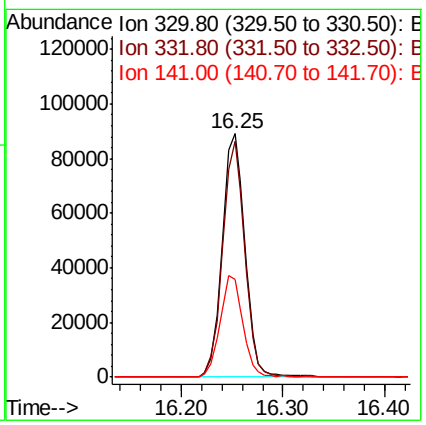


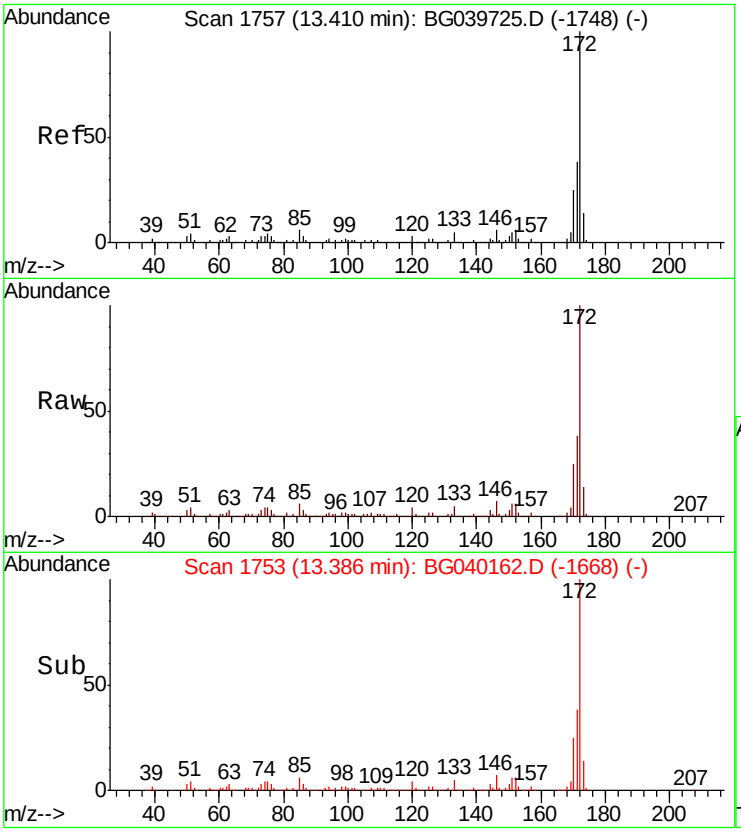


#42
2,4,6-Tribromophenol
Concen: 104.074 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:330 Resp: 138368

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.7	113.5
141	41.5	35.6	53.4



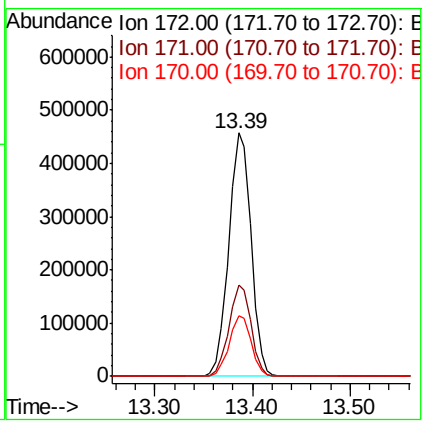


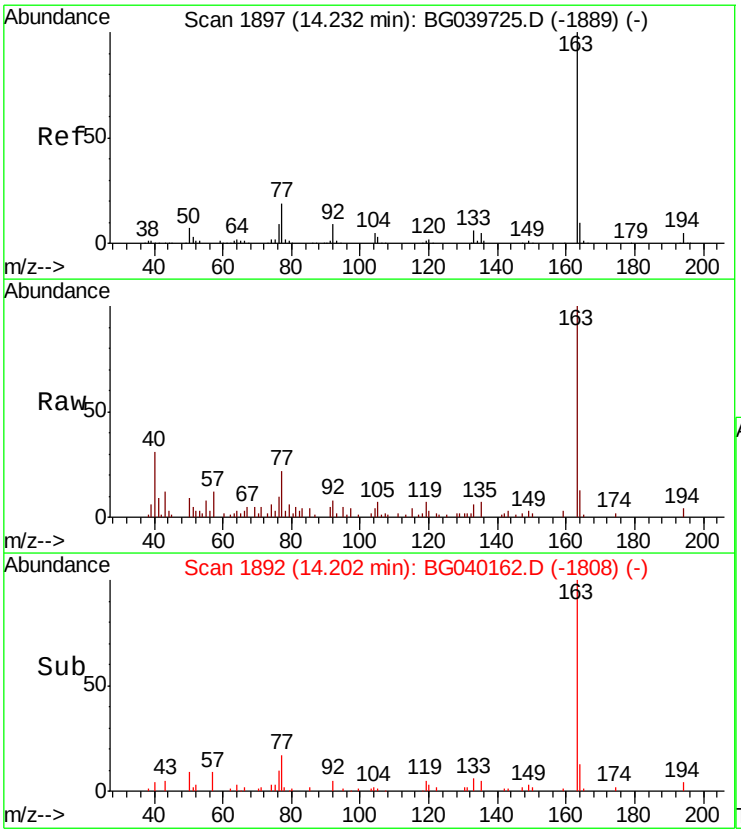
#45
2-Fluorobiphenyl
Concen: 90.289 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:172 Resp: 723321

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.1	20.2	30.4

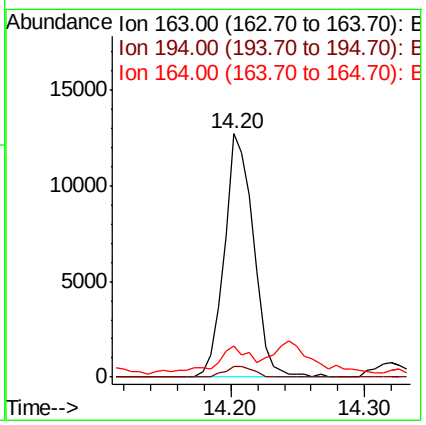


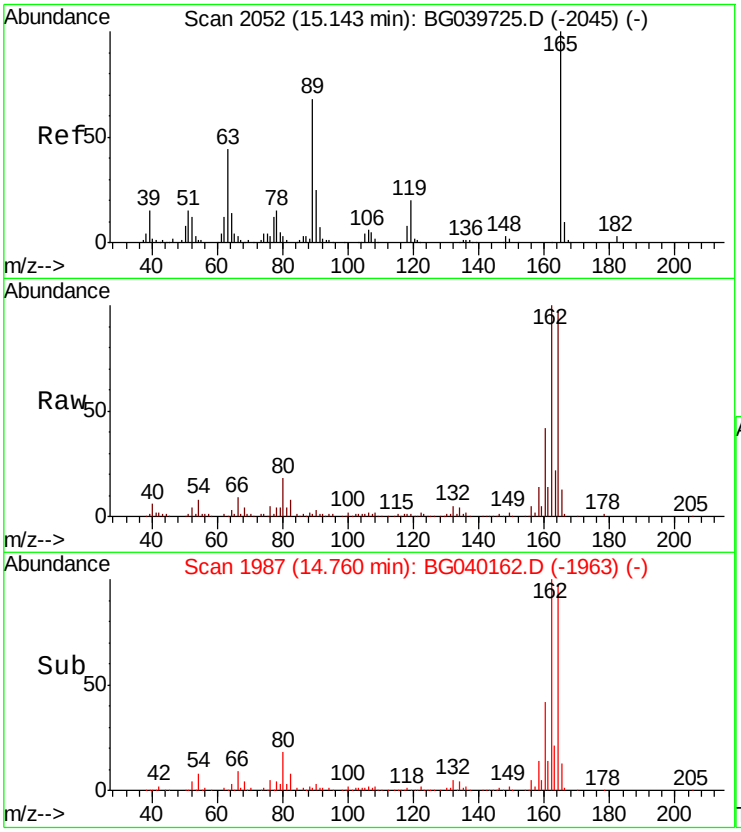


#50
Dimethylphthalate
Concen: 2.036 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:163 Resp: 19418

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	13.0	8.4	12.6#



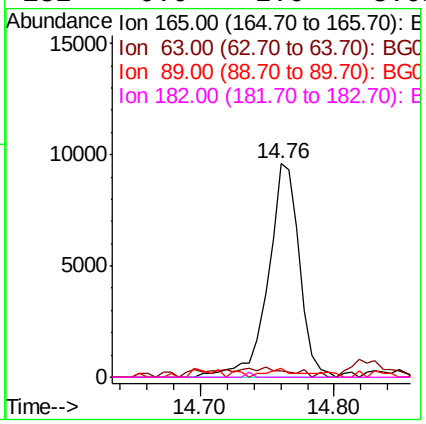


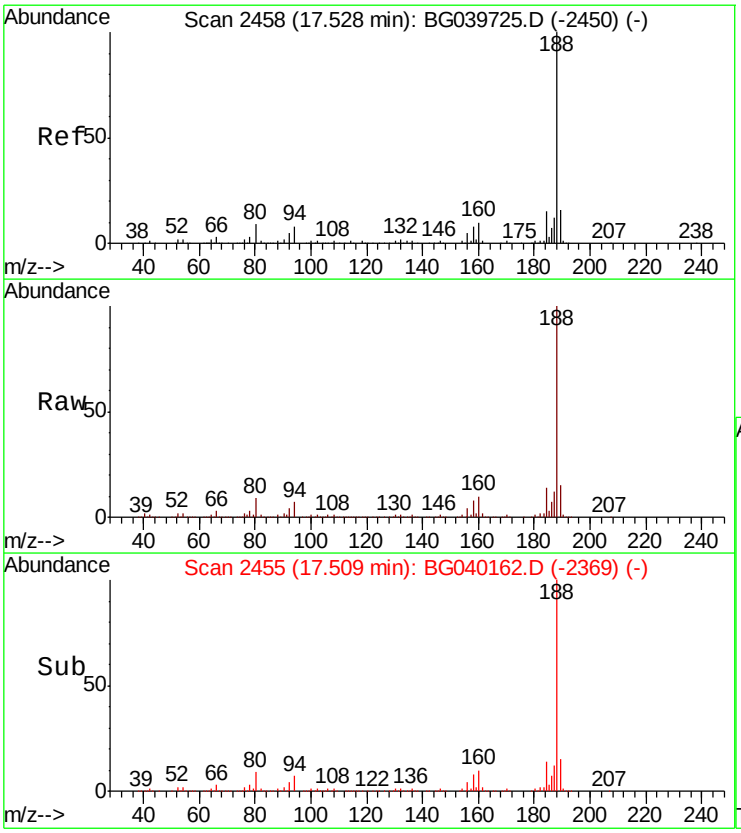
#57
2,4-Dinitrotoluene
Concen: 5.510 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.39 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:165 Resp: 15655

Ion	Ratio	Lower	Upper
165	100		
63	2.9	41.0	61.6#
89	4.1	64.6	96.8#
182	0.0	2.0	3.0#

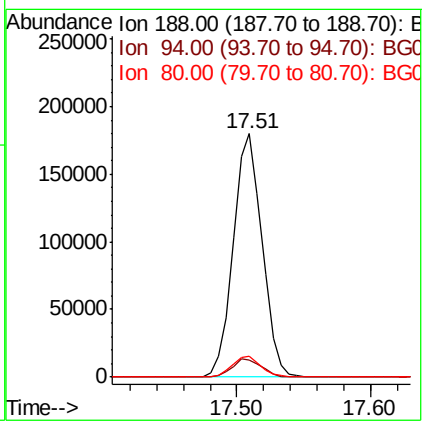


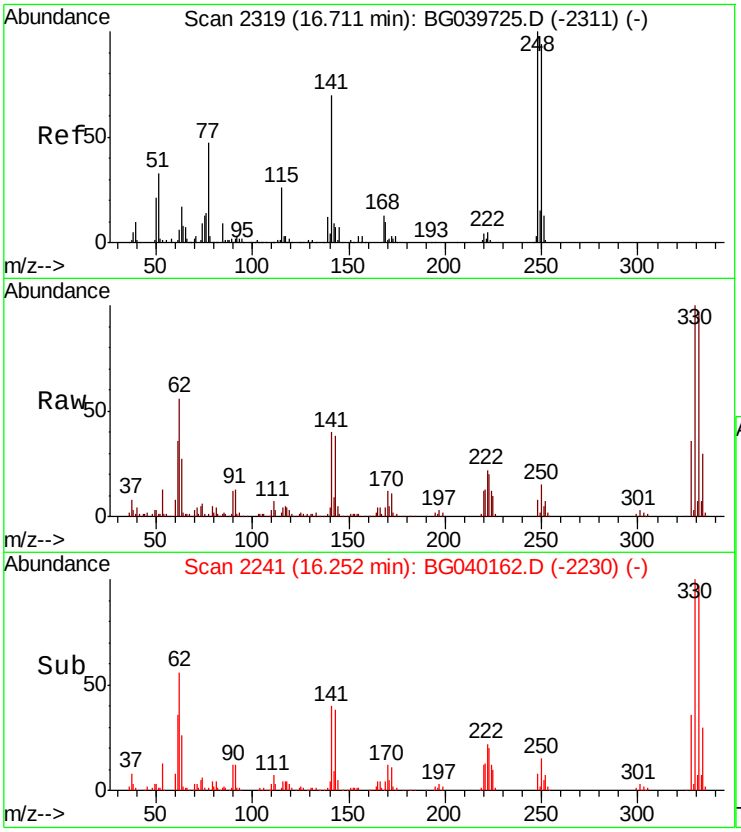


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:188 Resp: 268596

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.7	8.1	12.1



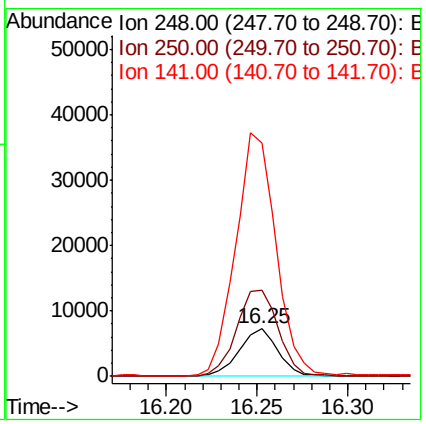


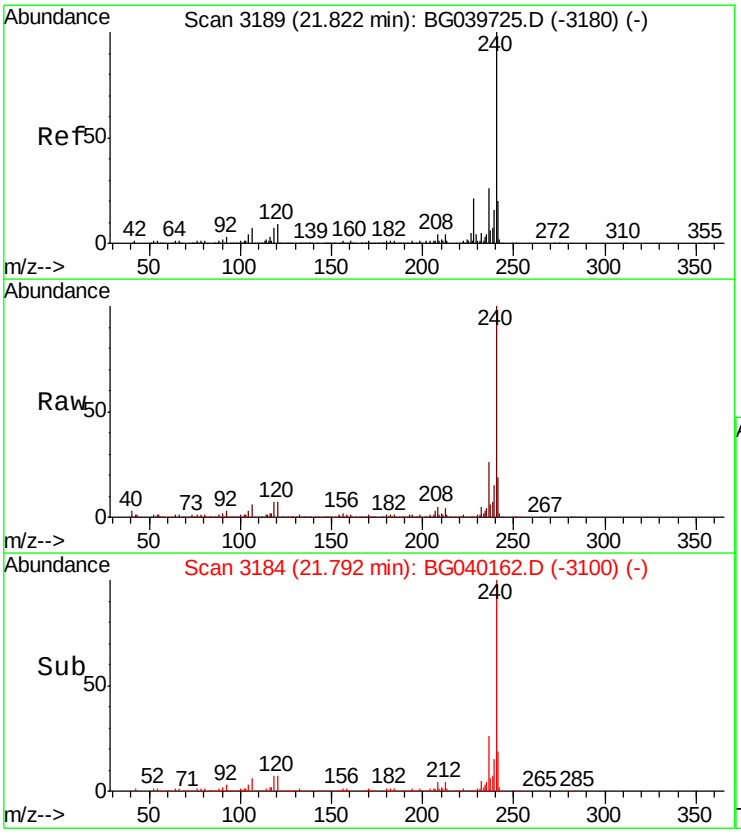
#67
4-Bromophenyl-phenylether
Concen: 3.595 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.47 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:248 Resp: 10808

Ion	Ratio	Lower	Upper
248	100		
250	181.5	77.6	116.4#
141	493.9	63.9	95.9#

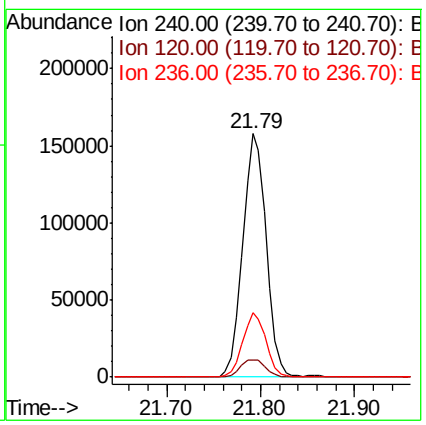


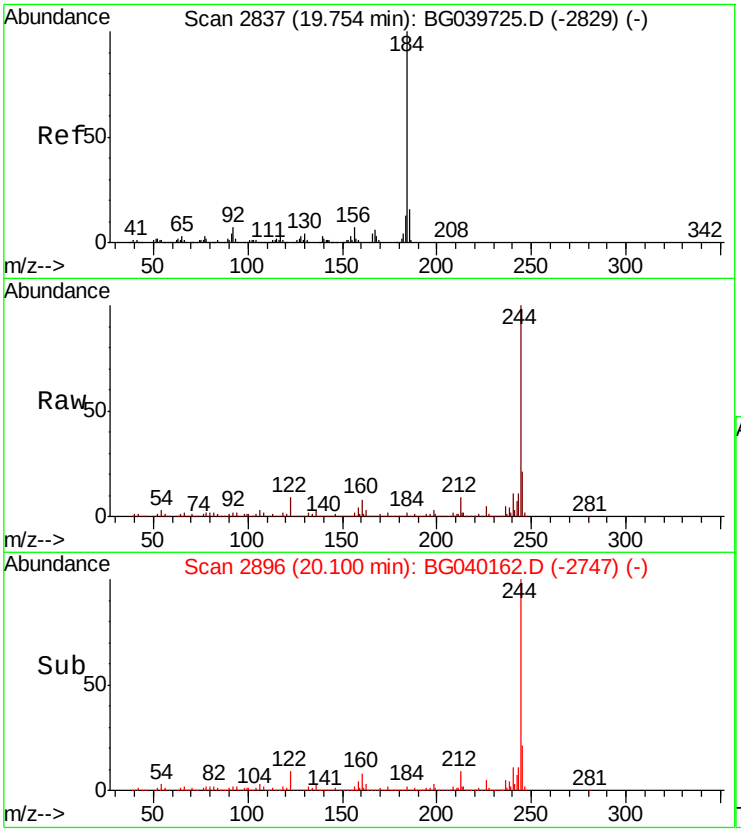


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:240 Resp: 272146

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.0	10.6
236	26.2	21.0	31.4



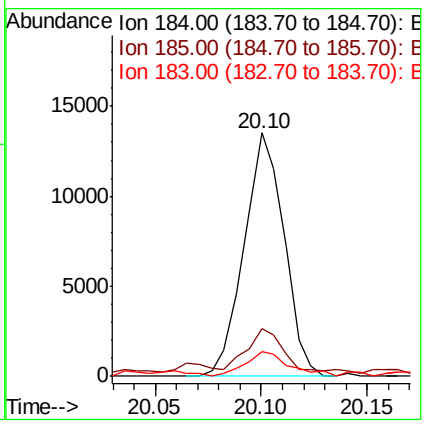


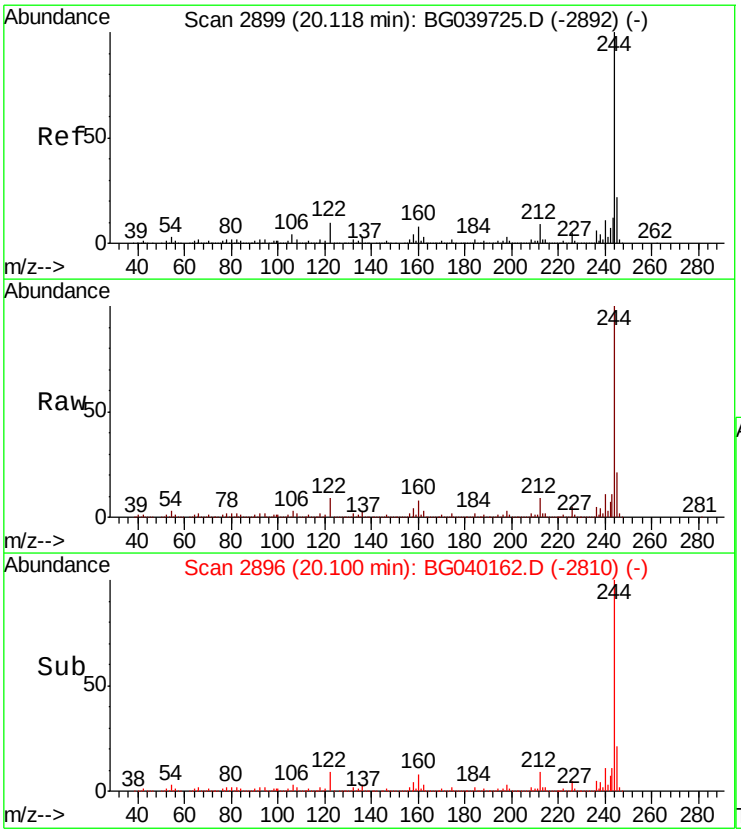
#77
Benzidine
Concen: 2.056 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:184 Resp: 17756

Ion	Ratio	Lower	Upper
184	100		
185	19.8	12.2	18.2#
183	9.9	10.6	15.8#

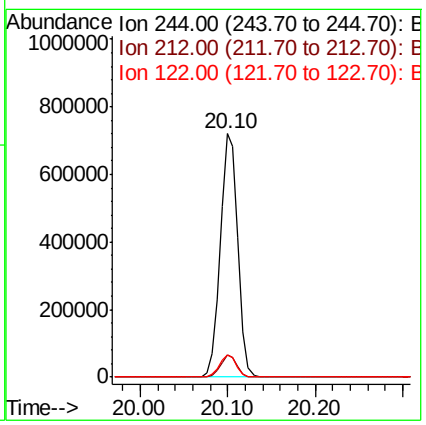


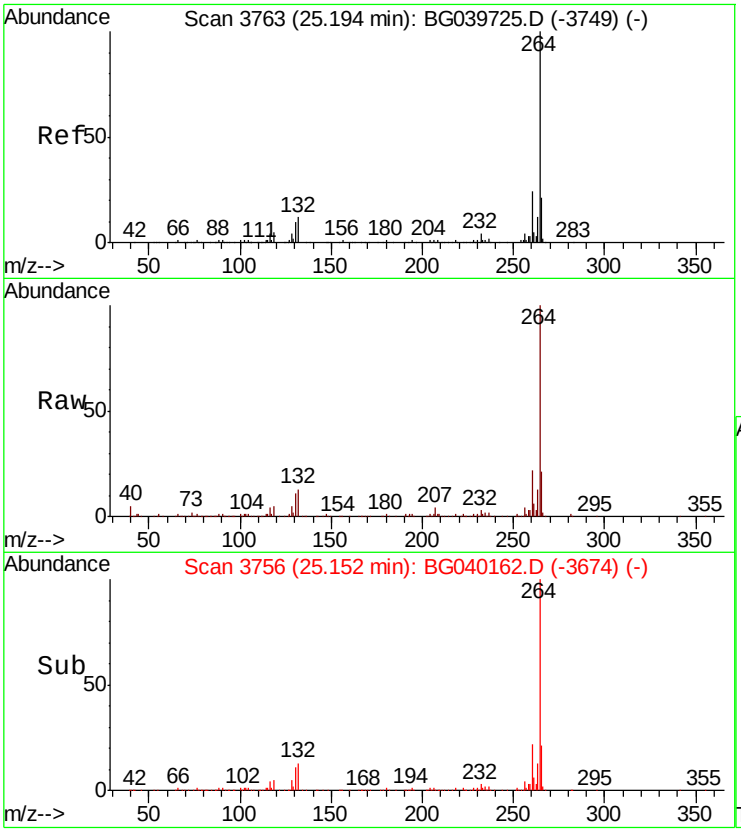


#79
Terphenyl-d14
Concen: 80.388 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion:244 Resp: 993612

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	8.9	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-2H-A

Tgt Ion:264 Resp: 275340

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.1	18.5	27.7