Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040465.D
Acq On : 12 Apr 2019 17:29
Operator : JU/SJ
Sample : K2311-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 12 22:42:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41778	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	160204	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	103000	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	281291	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	316245	20.00	ng		-0.04
87) Perylene-d12	24.96	264	321693	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	157070	62.50	ng		-0.02
7) Phenol-d6	7.20	99	155763	44.85	ng		-0.02
23) Nitrobenzene-d5	9.22	82	258070	85.62	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	170721	153.37	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	573724	82.54	ng		-0.03
79) Terphenyl-d14	20.02	244	1101677	78.37	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	95	0.080	ng	#	79
3) Pyridine	4.31	79	72	0.023	ng	#	1
4) n-Nitrosodimethylamine	3.85	42	102	0.069	ng	#	1
6) Aniline	7.56	93	276	0.061	ng	#	1
8) 2-Chlorophenol	7.59	128	121	0.041	ng	#	1
9) Benzaldehyde	7.20	77	91	0.038	ng	#	2
10) Phenol	7.23	94	3396	0.901	ng	#	49
11) bis(2-Chloroethyl)ether	7.56	93	276	0.091	ng	#	1
15) Benzyl Alcohol	8.36	79	3902	1.395	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	8.43	45	61	0.011	ng		73
19) n-Nitroso-di-n-propylamine	9.22	70	32877	13.203	ng	#	68
22) Acetophenone	8.88	105	2849	0.713	ng	#	91
24) Nitrobenzene	9.21	77	582	0.186	ng	#	38
25) Isophorone	9.55	82	233	0.038	ng	#	21
26) 2-Nitrophenol	9.60	139	68	0.046	ng	#	32
28) bis(2-Chloroethoxy)methane	10.39	93	72	0.020	ng	#	49
31) Naphthalene	10.91	128	311	0.038	ng	#	68
33) 4-Chloroaniline	11.01	127	60	0.017	ng	#	45
35) Caprolactam	11.81	113	57	0.056	ng	#	1
36) 4-Chloro-3-methylphenol	12.18	107	454	0.155	ng	#	20
37) 2-Methylnaphthalene	12.35	142	58	0.010	ng	#	15
38) 1-Methylnaphthalene	12.35	142	58	0.010	ng	#	6
46) 1,1'-Biphenyl	13.51	154	788	0.097	ng	#	86
48) 2-Nitroaniline	13.76	65	60	0.028	ng	#	4
49) Acenaphthylene	14.49	152	70	0.007	ng	#	59
50) Dimethylphthalate	14.12	163	47672	5.914	ng	#	99
51) 2,6-Dinitrotoluene	14.12	165	561	0.310	ng	#	33
52) Acenaphthene	14.68	154	400	0.066	ng	#	3
53) 3-Nitroaniline	14.84	138	75	0.039	ng	#	78
56) 4-Nitrophenol	14.81	139	137	0.089	ng	#	46
57) 2,4-Dinitrotoluene	14.67	165	12861	5.114	ng	#	27
58) Fluorene	16.17	166	7834	1.022	ng	#	93
60) Diethylphthalate	15.47	149	1968	0.239	ng	#	90
61) 4-Chlorophenyl-phenylether	15.94	204	443	0.108	ng	#	31

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040465.D
Acq On : 12 Apr 2019 17:29
Operator : JU/SJ
Sample : K2311-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 12 22:42:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 4-Nitroaniline	15.76	138	57	0.028	ng	#	17
63) Azobenzene	16.00	77	218	0.028	ng	#	35
65) 4,6-Dinitro-2-methylphenol	16.17	198	432	0.273	ng	#	1
66) n-Nitrosodiphenylamine	16.17	169	6443	0.783	ng	#	44
67) 4-Bromophenyl-phenylether	16.17	248	12641	3.993	ng	#	1
69) Atrazine	16.95	200	67	0.022	ng	#	34
71) Phenanthrene	17.47	178	365	0.025	ng	#	34
72) Anthracene	17.56	178	248	0.017	ng	#	31
73) Carbazole	17.83	167	197	0.014	ng	#	59
74) Di-n-butylphthalate	18.36	149	2661	0.160	ng	#	94
75) Fluoranthene	19.09	202	71	0.004	ng		63
77) Benzidine	20.02	184	18089	1.584	ng	#	93
78) Pyrene	20.02	202	4645	0.223	ng	#	76
80) Butylbenzylphthalate	20.67	149	454	0.051	ng	#	48
81) Benzo(a)anthracene	21.68	228	386	0.020	ng	#	53
82) 3,3'-Dichlorobenzidine	21.61	252	57	0.008	ng	#	26
83) Chrysene	21.72	228	72	0.004	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.54	149	2593	0.204	ng	#	88
85) Di-n-octyl phthalate	22.76	149	561	0.026	ng	#	67
86) Indeno(1,2,3-cd)pyrene	28.76	276	121	0.005	ng	#	50
88) Benzo(b)fluoranthene	23.92	252	140	0.007	ng	#	1
89) Benzo(k)fluoranthene	23.95	252	63	0.003	ng	#	1
90) Benzo(a)pyrene	24.78	252	55	0.003	ng	#	59
92) Benzo(g,h,i)perylene	29.79	276	60	0.003	ng	#	55

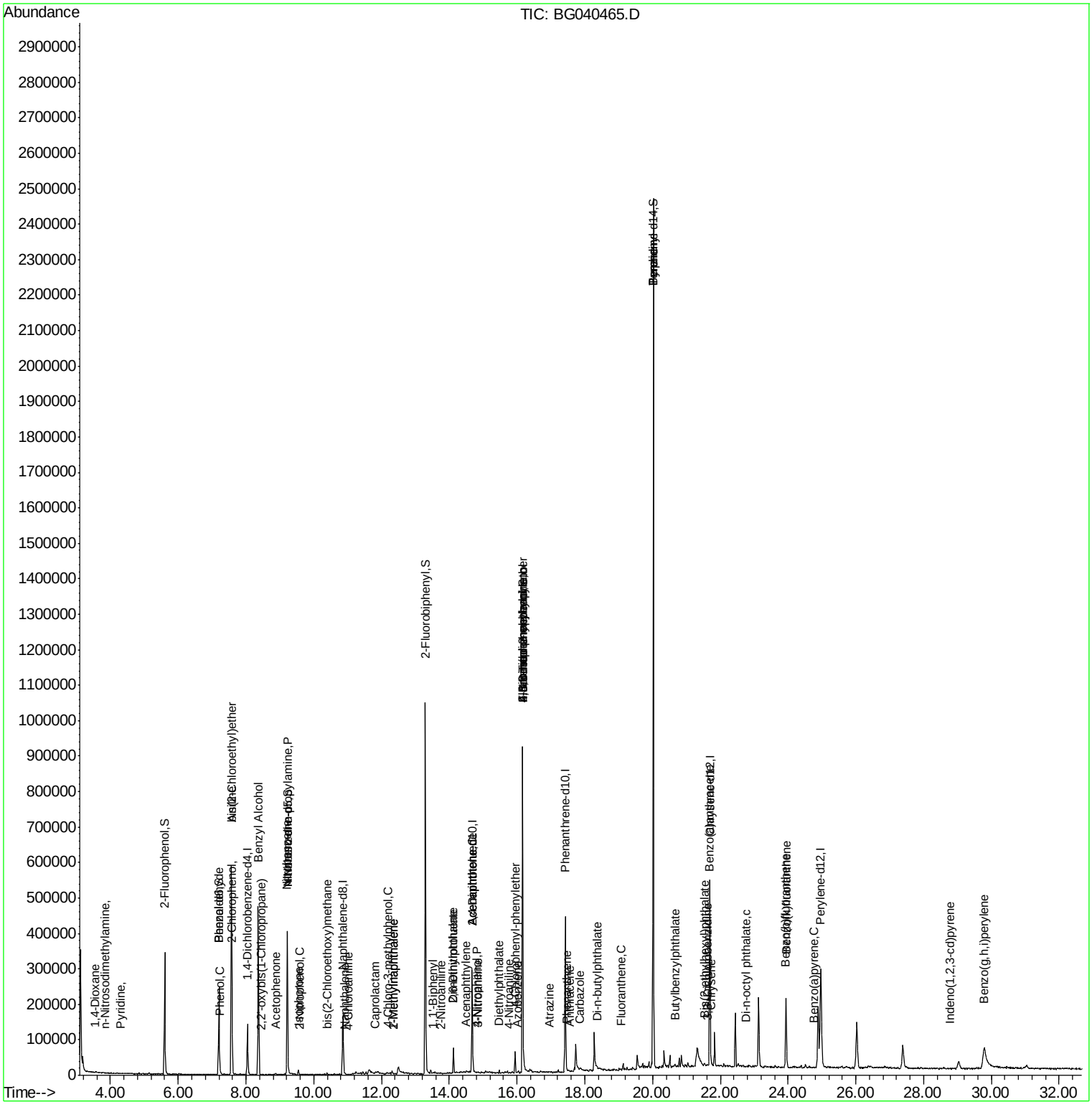
(#) = qualifier out of range (m) = manual integration (+) = signals summed

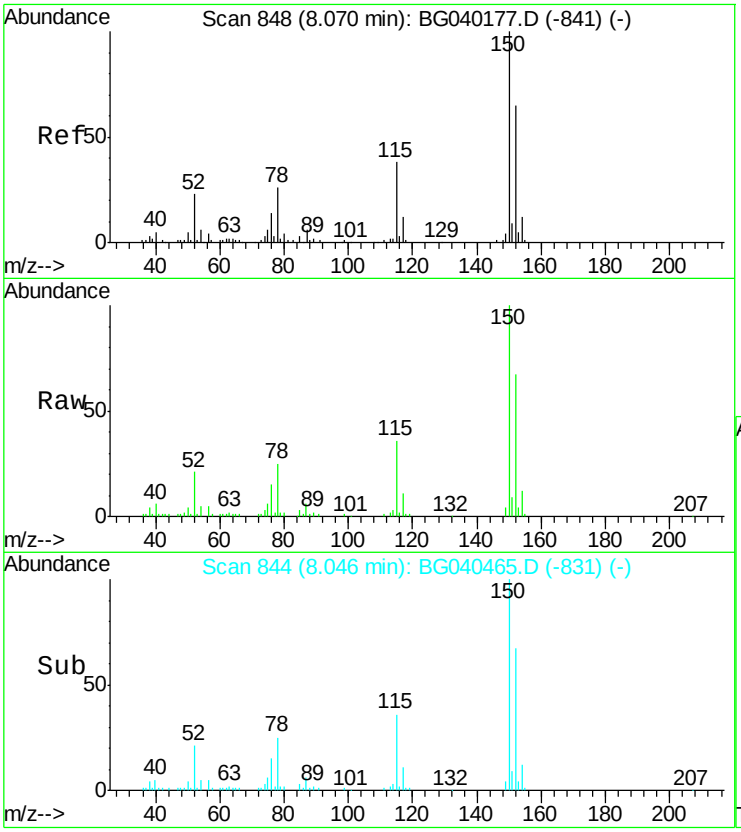
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040465.D
Acq On : 12 Apr 2019 17:29
Operator : JU/SJ
Sample : K2311-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 12 22:42:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



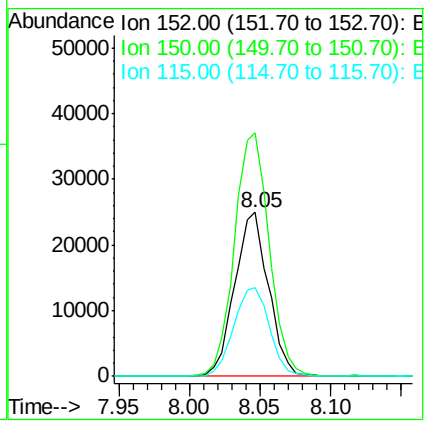


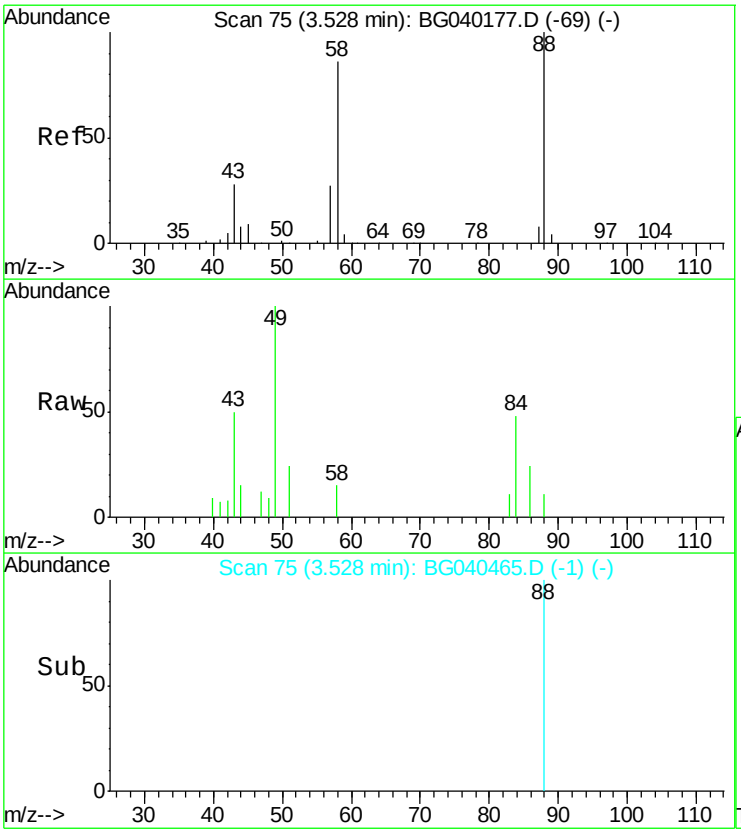
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41778

Ion	Ratio	Lower	Upper
152	100		
150	148.4	123.7	185.5
115	54.1	46.9	70.3

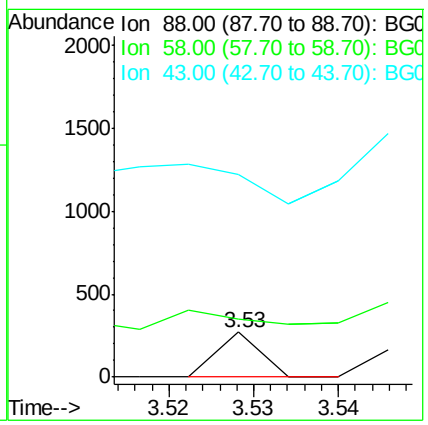


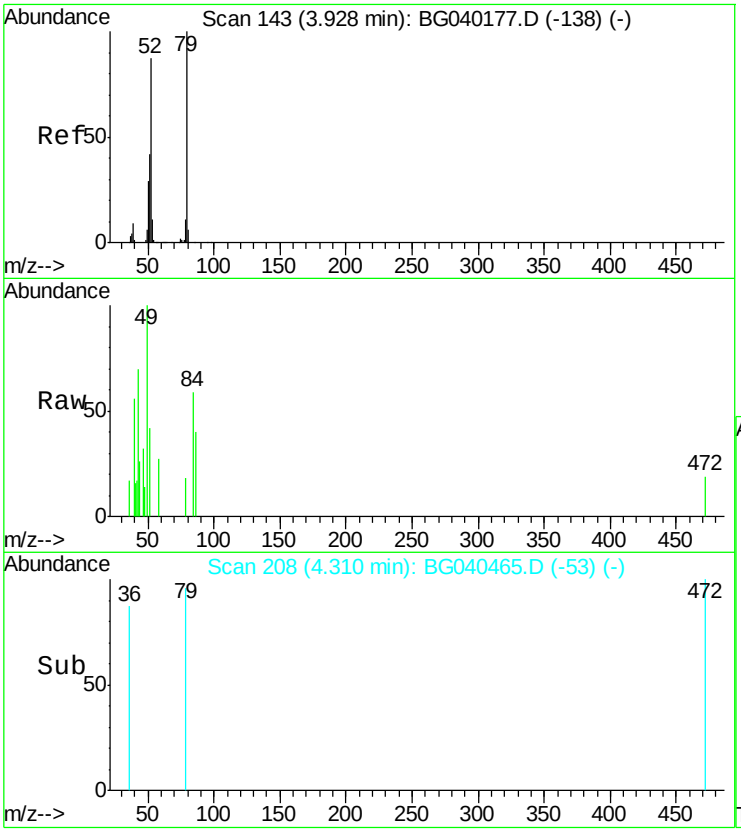


#2
1,4-Dioxane
Concen: 0.080 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
58	80.0	70.6	106.0
43	0.0	24.8	37.2#



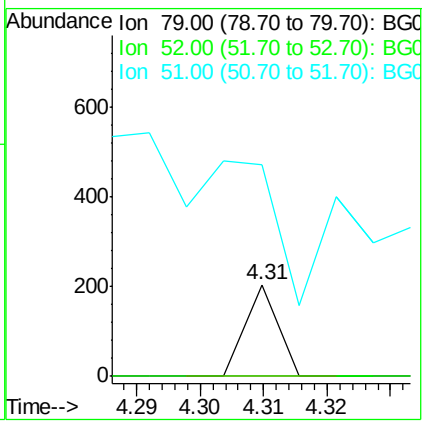


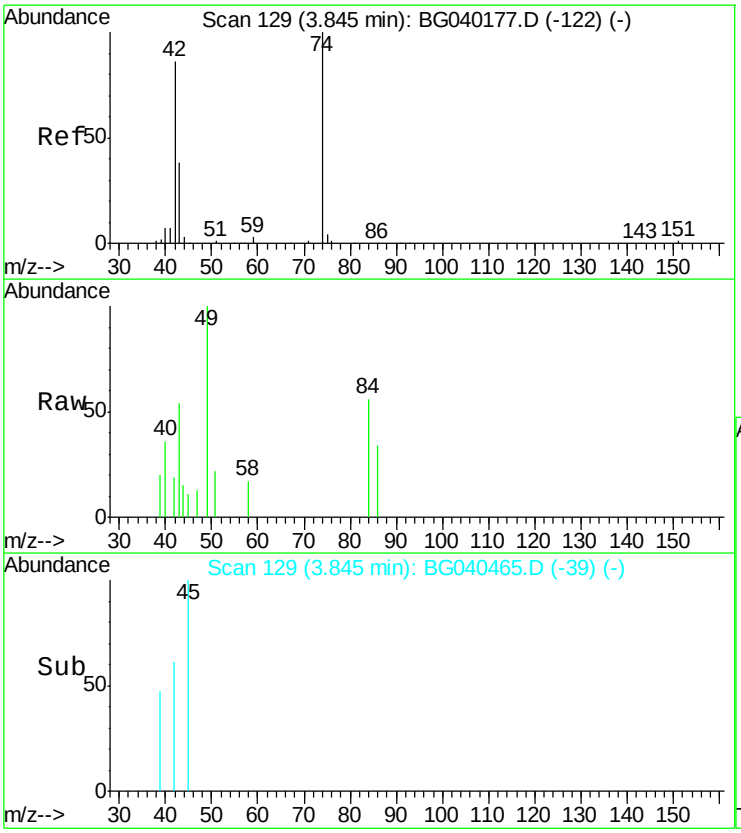
#3
Pyridine
Concen: 0.023 ng
RT: 4.31 min Scan# 208
Delta R.T. 0.38 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 72

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.8	104.8#
51	230.4	33.9	50.9#

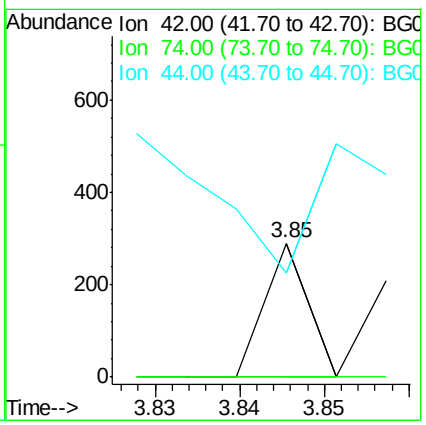


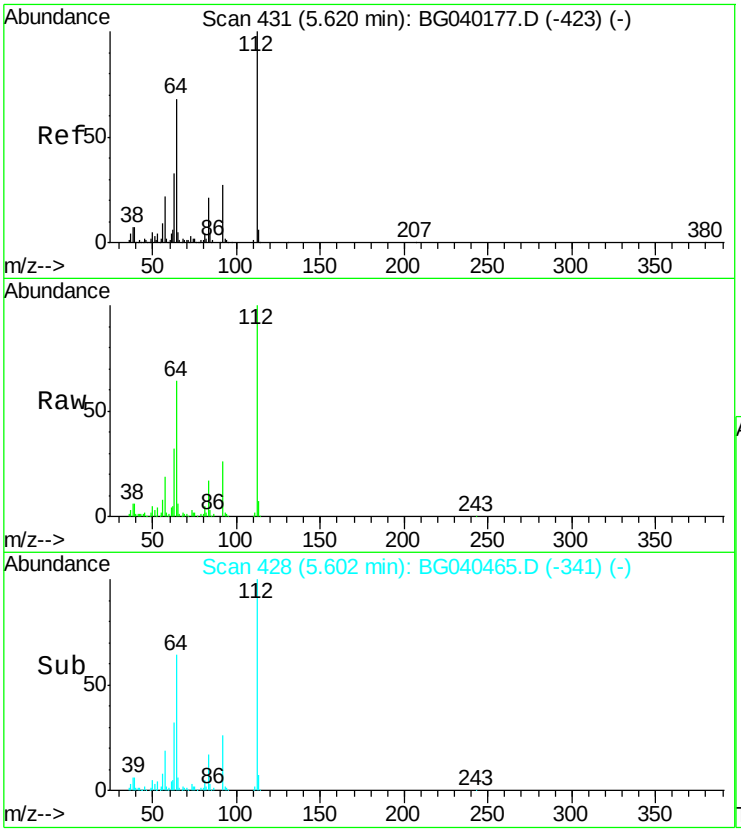


#4
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.85 min Scan# 129
Delta R.T. 0.00 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 42 Resp: 102

Ion	Ratio	Lower	Upper
42	100		
74	0.0	92.9	139.3#
44	78.2	9.7	14.5#



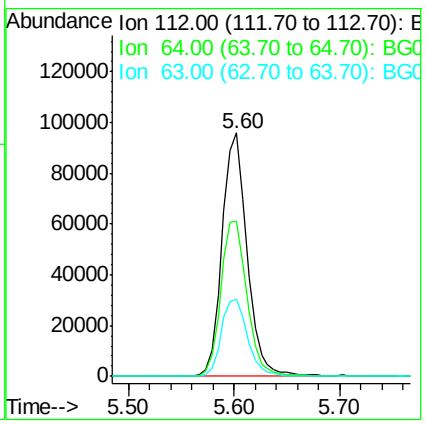


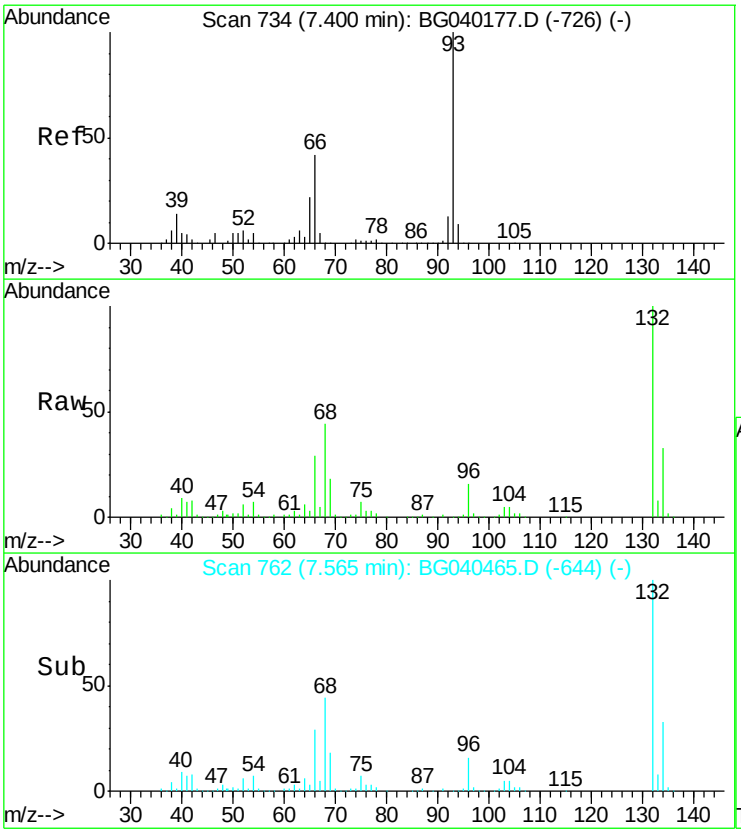
#5
2-Fluorophenol
Concen: 62.501 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 157070

Ion	Ratio	Lower	Upper
112	100		
64	64.0	54.2	81.2
63	31.9	26.4	39.6

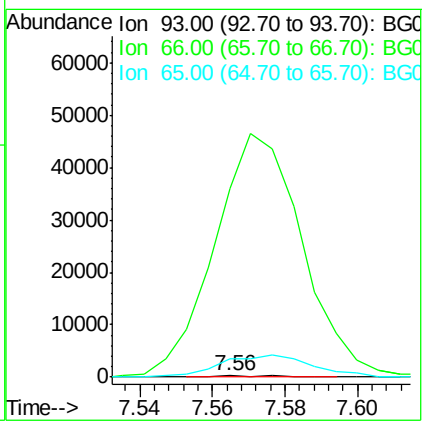


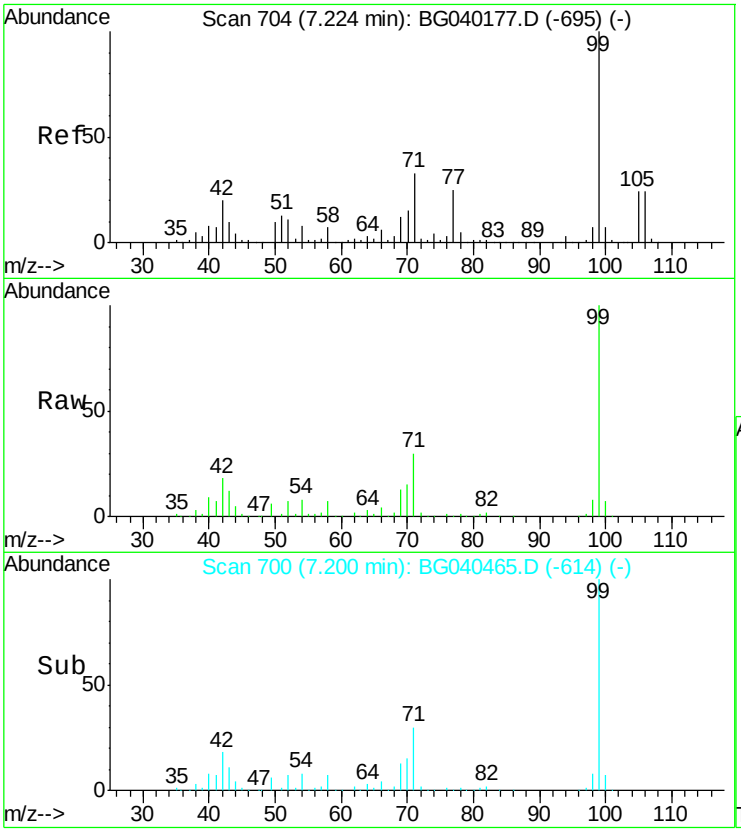


#6
Aniline
Concen: 0.061 ng
RT: 7.56 min Scan# 762
Delta R.T. 0.16 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 93 Resp: 276

Ion	Ratio	Lower	Upper
93	100		
66	14129.1	33.6	50.4#
65	1426.0	17.4	26.2#



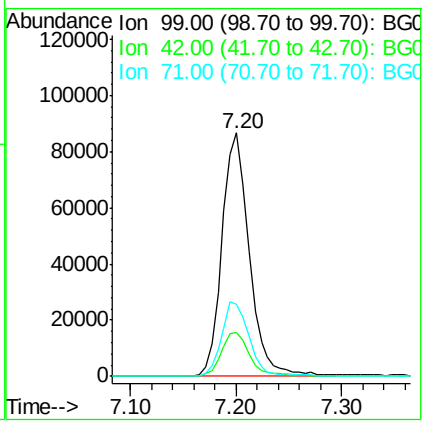


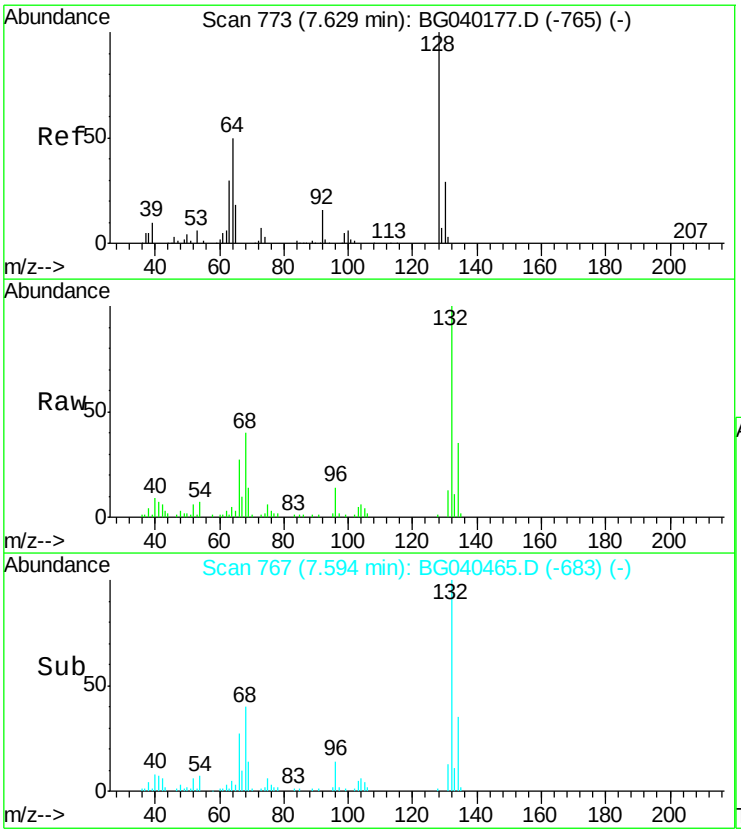
#7
Phenol-d6
Concen: 44.848 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 155763

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.2	24.2
71	29.7	26.8	40.2

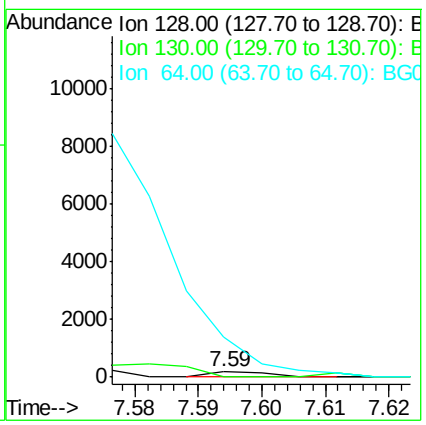


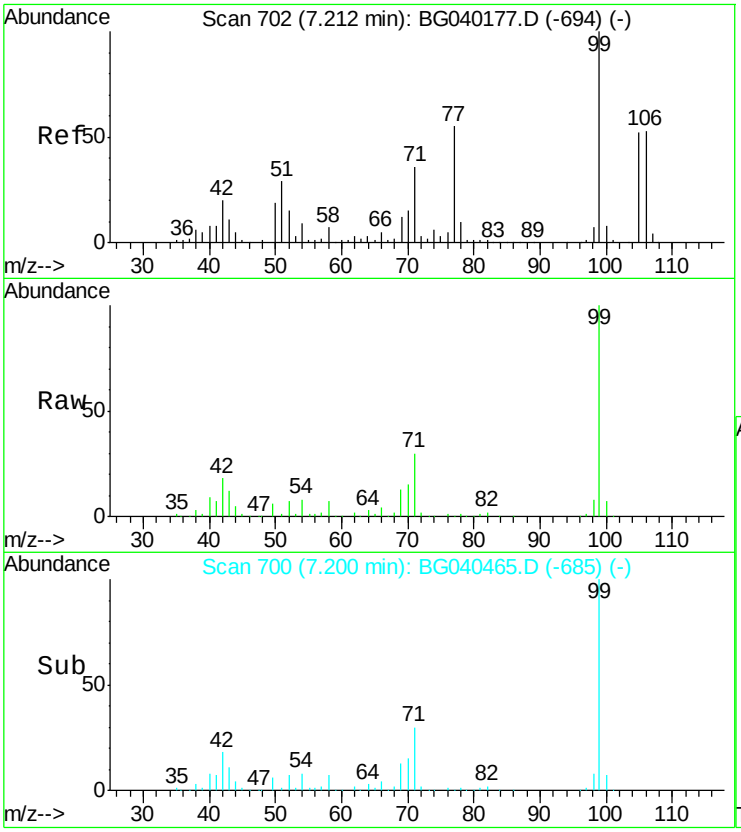


#8
2-Chlorophenol
Concen: 0.041 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:128 Resp: 121

Ion	Ratio	Lower	Upper
128	100		
130	0.0	9.1	49.1#
64	757.3	33.1	73.1#



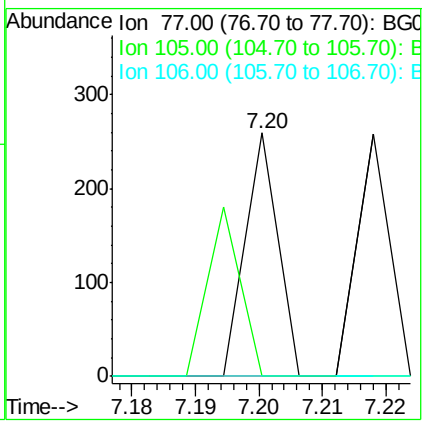


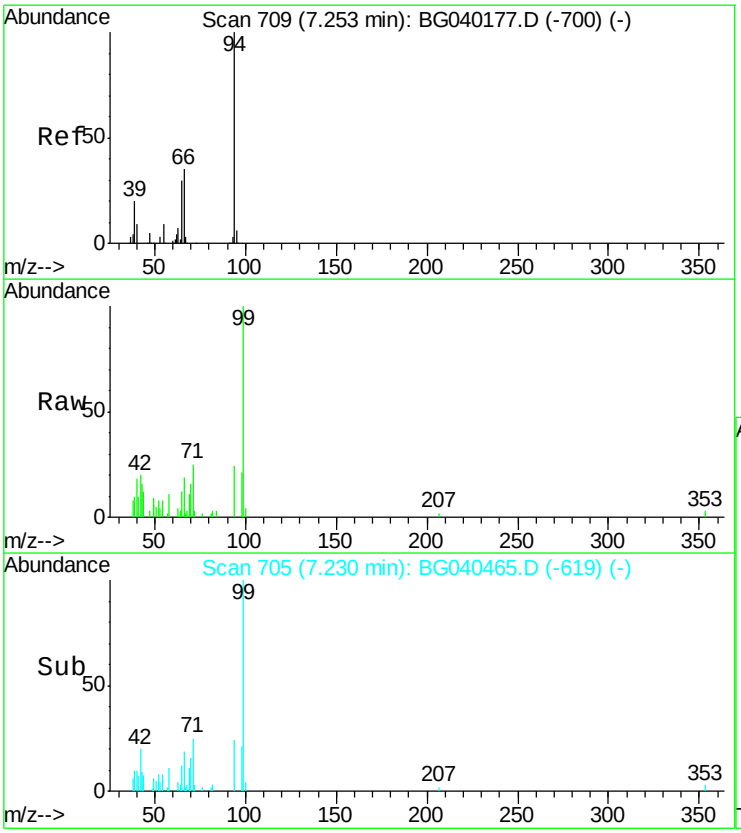
#9
Benzaldehyde
Concen: 0.038 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 91

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.0	115.0#
106	0.0	75.7	115.7#

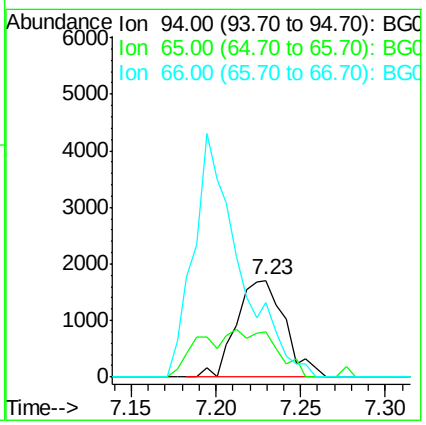


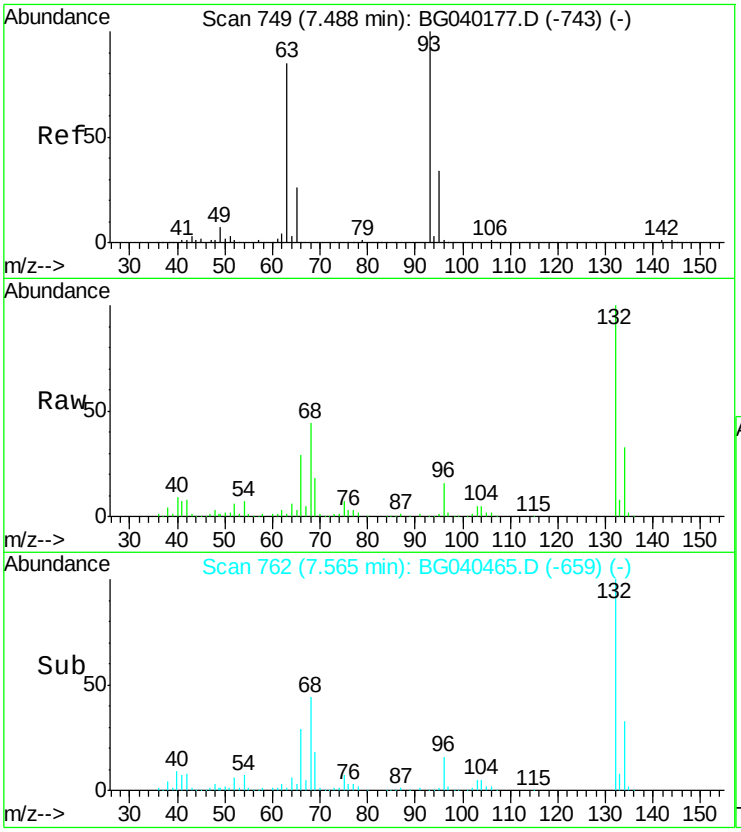


#10
Phenol
Concen: 0.901 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 94 Resp: 3396

Ion	Ratio	Lower	Upper
94	100		
65	47.4	10.5	50.5
66	76.8	16.9	56.9#



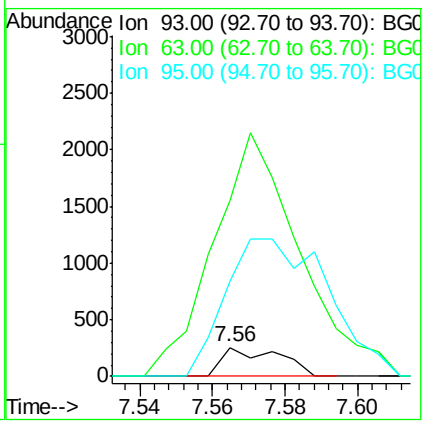


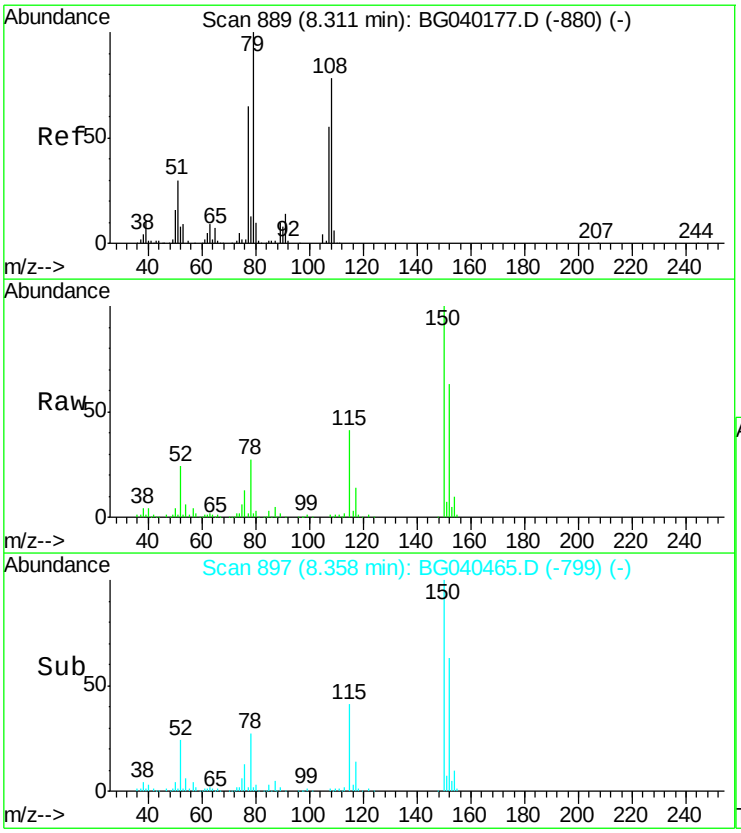
#11
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.56 min Scan# 762
Delta R.T. 0.08 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 276

Ion	Ratio	Lower	Upper
93	100		
63	613.0	64.2	104.2#
95	331.9	14.0	54.0#

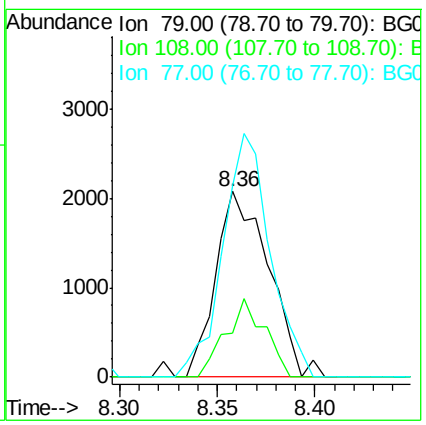


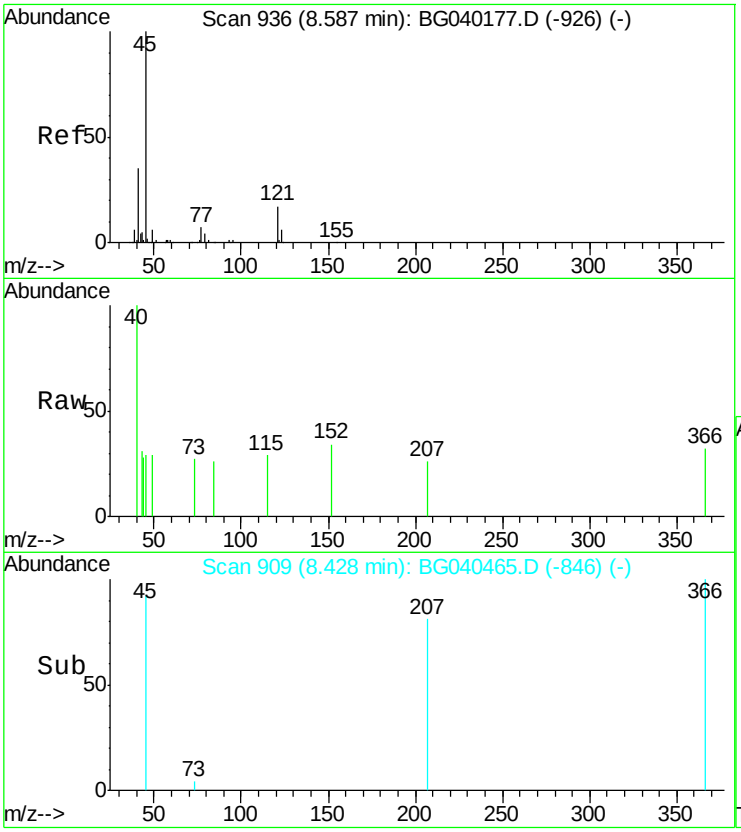


#15
Benzyl Alcohol
Concen: 1.395 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.05 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 79 Resp: 3902

Ion	Ratio	Lower	Upper
79	100		
108	23.7	62.1	93.1#
77	103.0	51.9	77.9#



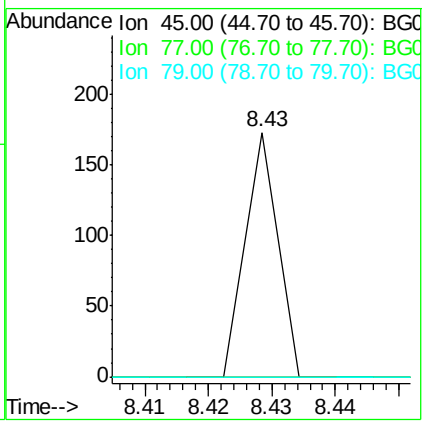


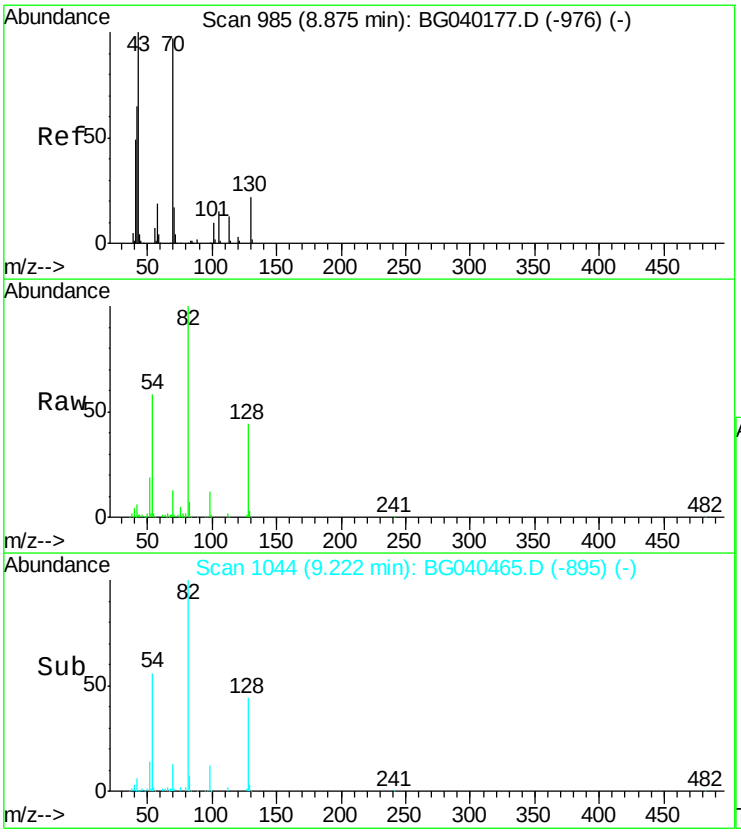
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.011 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.16 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 61

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.4
79	0.0	0.0	28.3

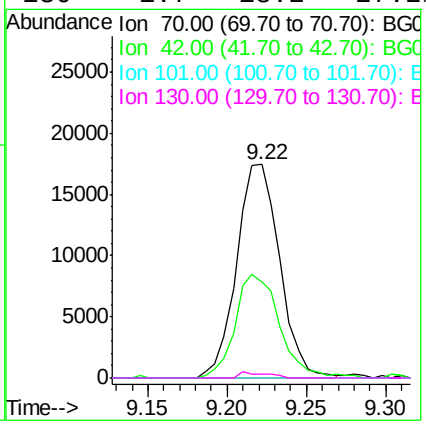


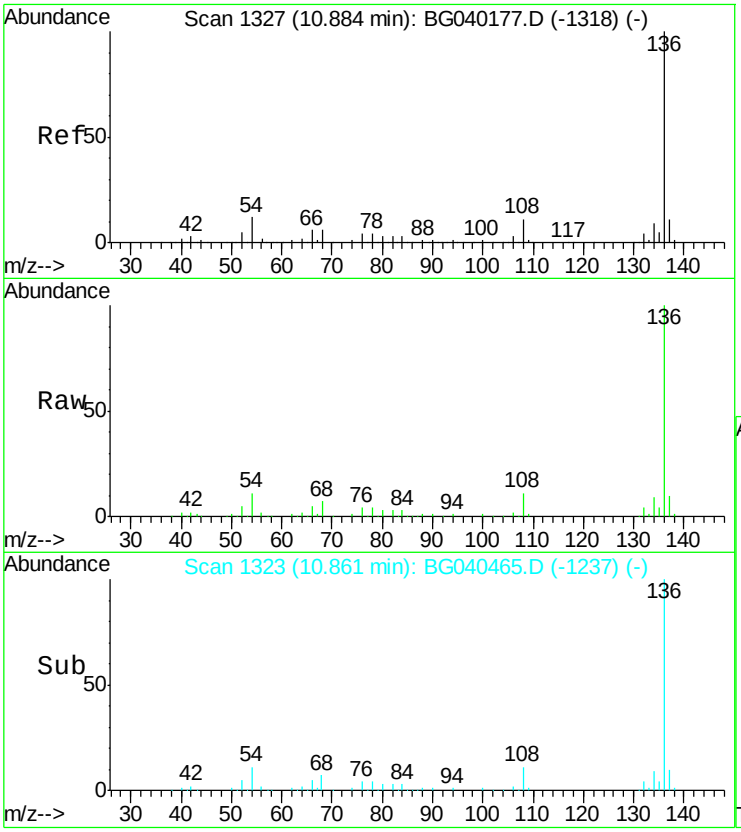


#19
n-Nitroso-di-n-propylamine
Concen: 13.203 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 70 Resp: 32877

Ion	Ratio	Lower	Upper
70	100		
42	45.0	54.0	81.0#
101	0.0	8.6	13.0#
130	1.7	18.2	27.2#



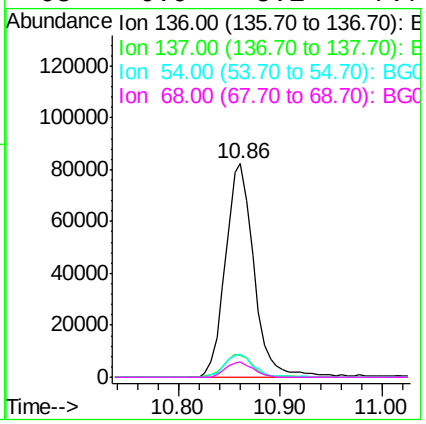


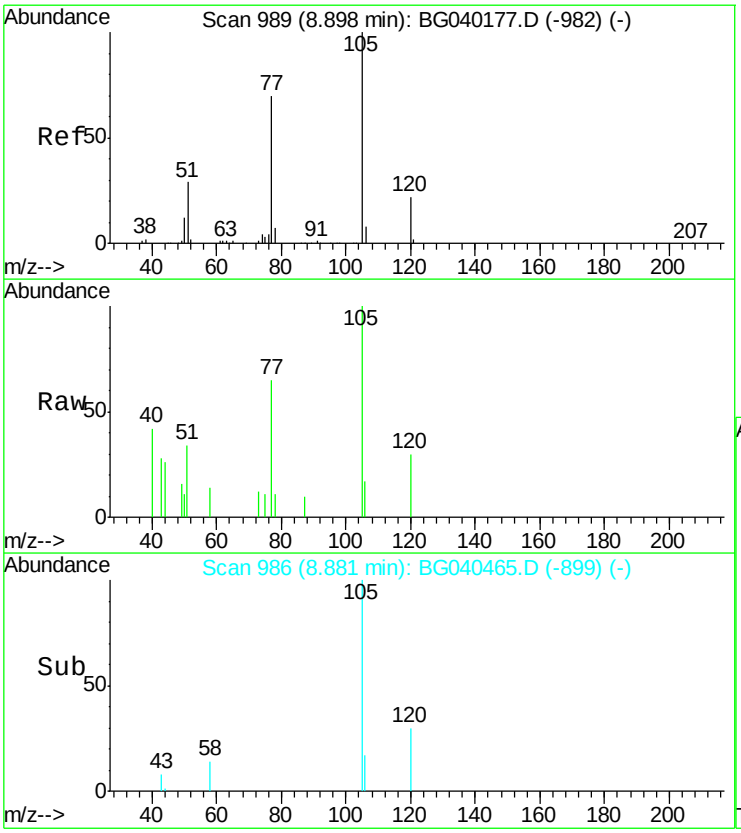
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 160204

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.7	9.6	14.4
68	6.9	5.1	7.7

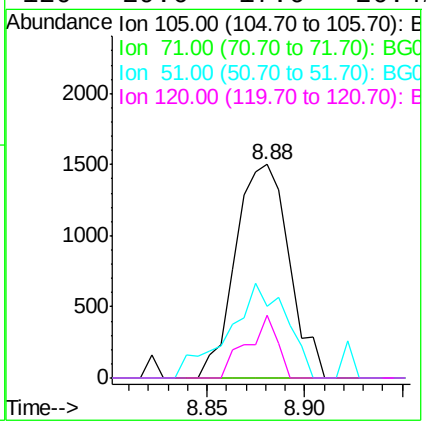


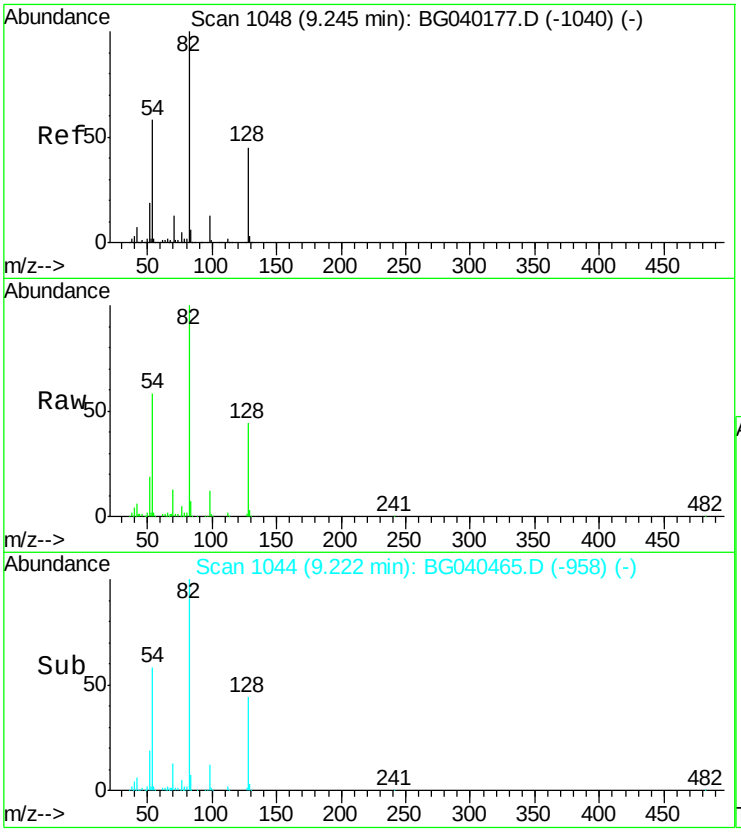


#22
Acetophenone
Concen: 0.713 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:105 Resp: 2849

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	33.8	25.1	37.7
120	29.6	17.6	26.4#



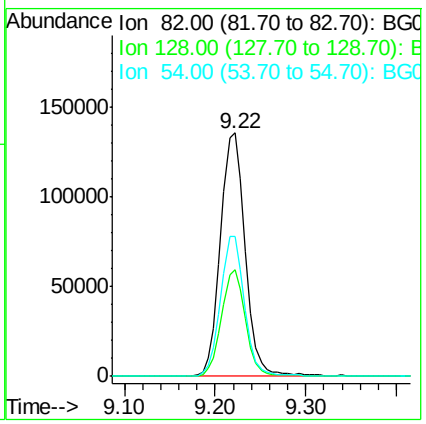


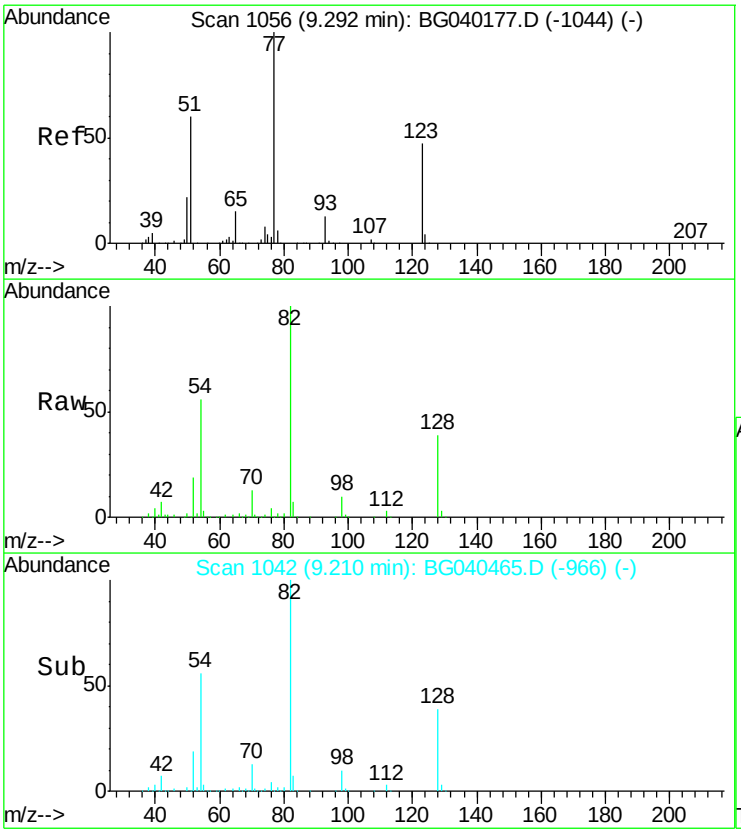
#23
Nitrobenzene-d5
Concen: 85.624 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 258070

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.8	53.8
54	57.6	46.2	69.2

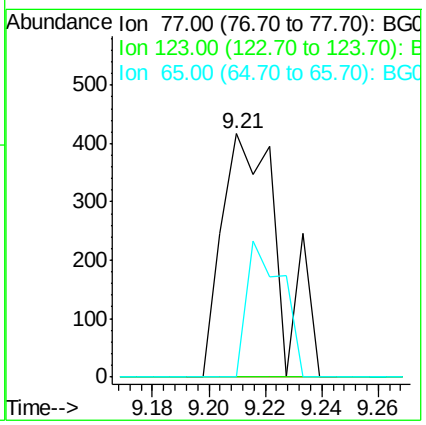


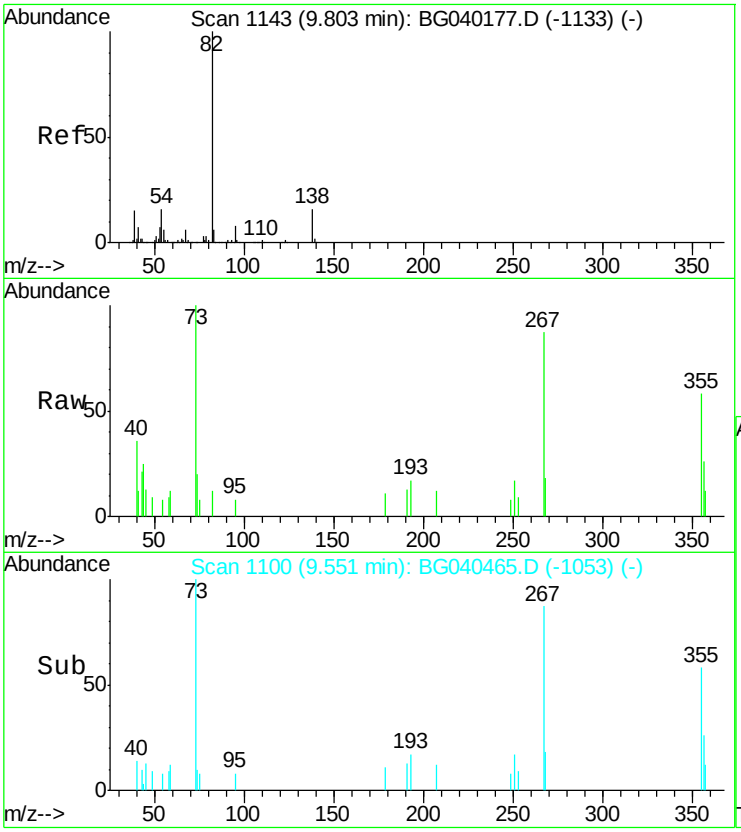


#24
Nitrobenzene
Concen: 0.186 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.08 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 77 Resp: 582

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	0.0	12.0	18.0#



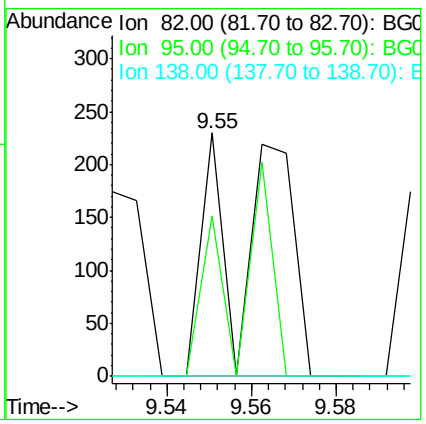


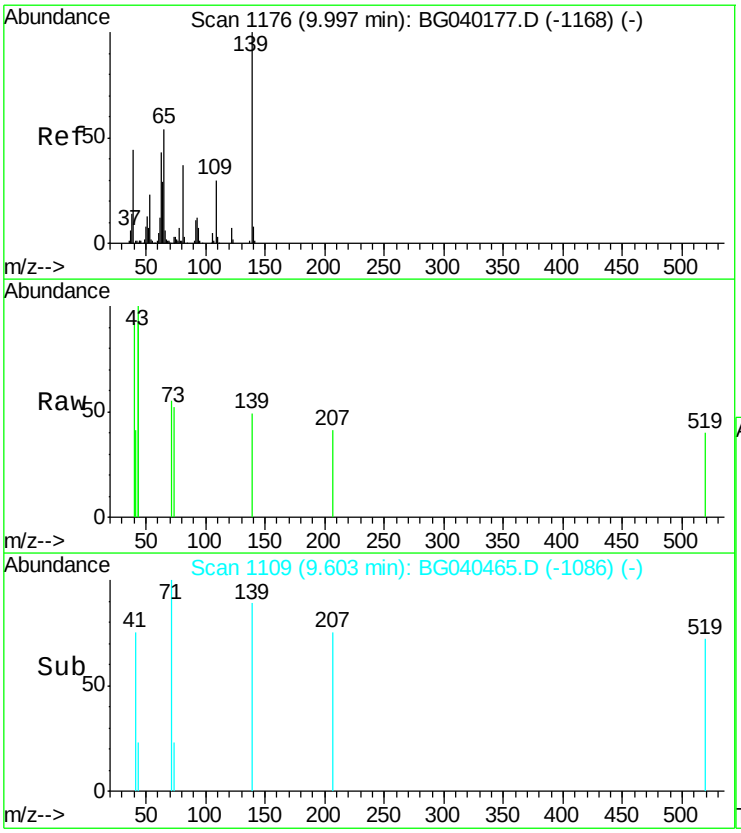
#25
Isophorone
Concen: 0.038 ng
RT: 9.55 min Scan# 1100
Delta R.T. -0.25 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 233

Ion	Ratio	Lower	Upper
82	100		
95	65.7	6.1	9.1#
138	0.0	13.2	19.8#

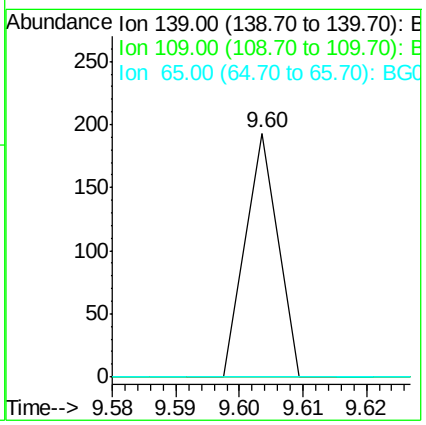


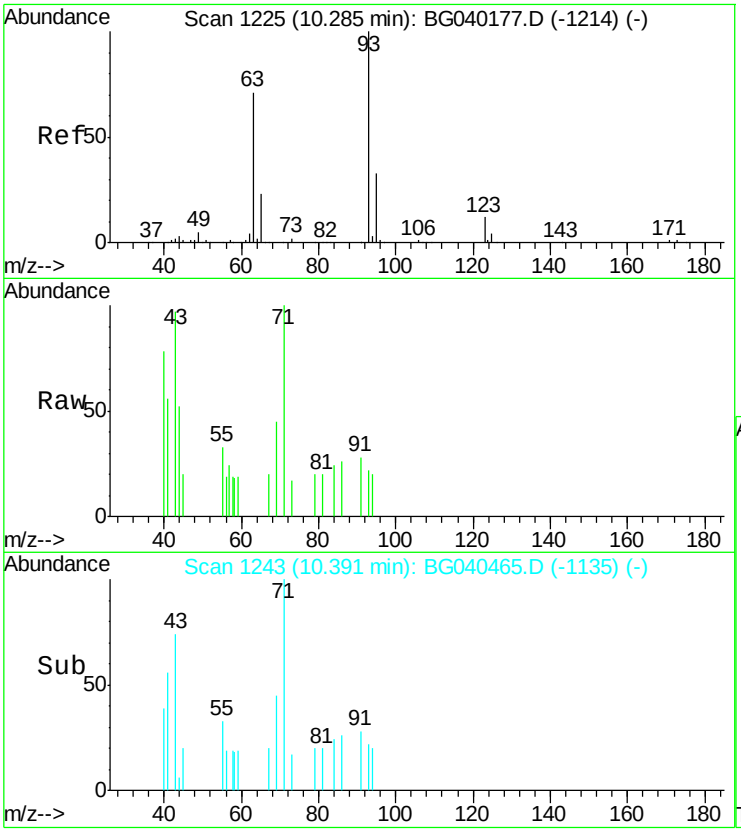


#26
2-Nitrophenol
Concen: 0.046 ng
RT: 9.60 min Scan# 1109
Delta R.T. -0.39 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:139 Resp: 68

Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.1	36.1#
65	0.0	43.0	64.6#



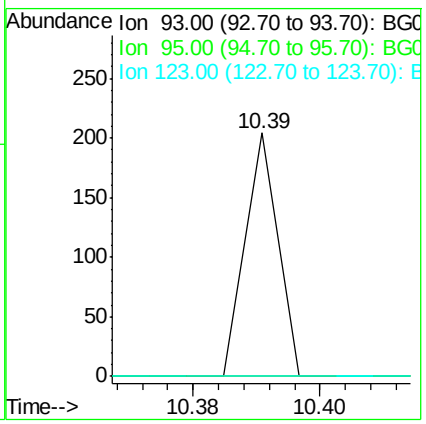


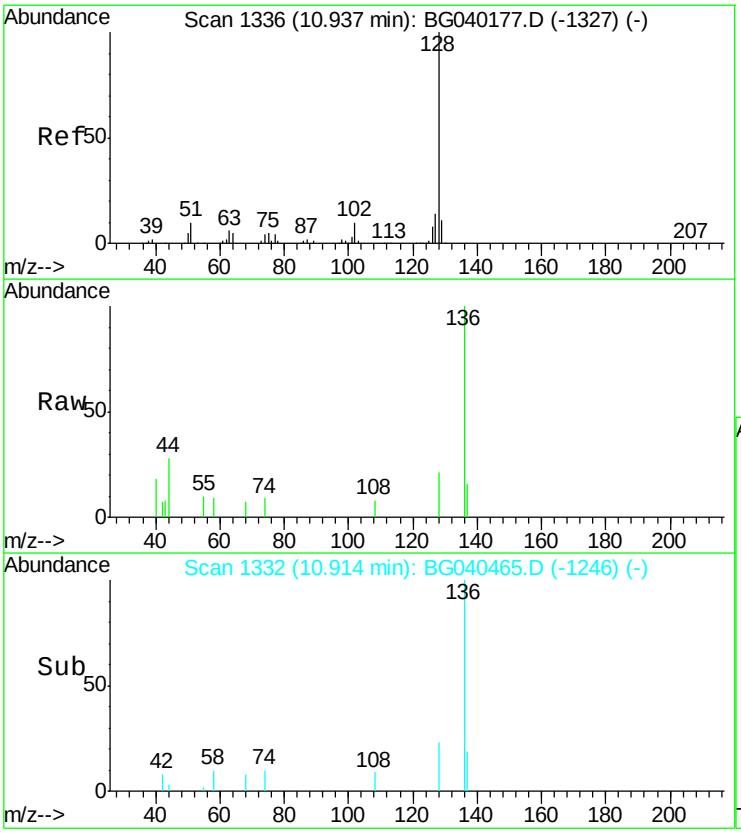
#28
bis(2-Chloroethoxy)methane
Concen: 0.020 ng
RT: 10.39 min Scan# 1243
Delta R.T. 0.11 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 72

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.2	39.4#
123	0.0	9.4	14.0#

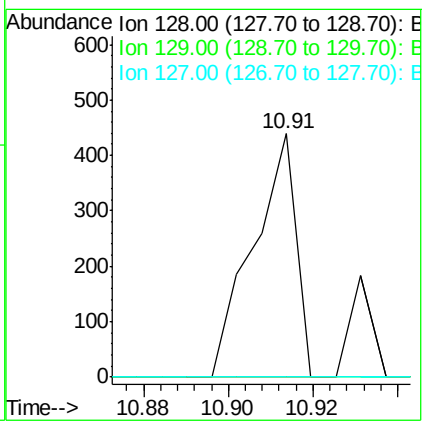


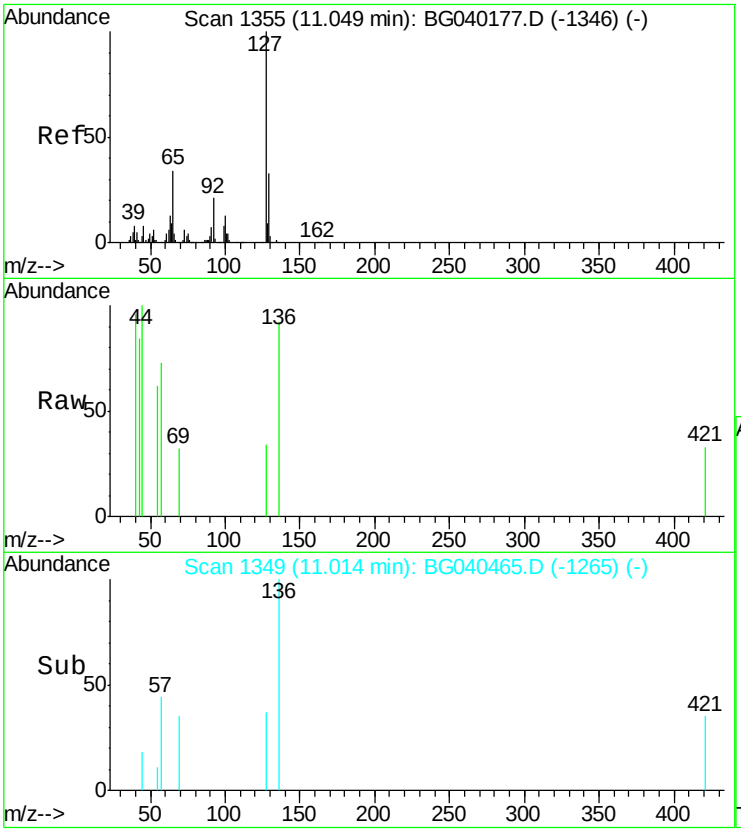


#31
Naphthalene
Concen: 0.038 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:128 Resp: 311

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	11.4	17.0#



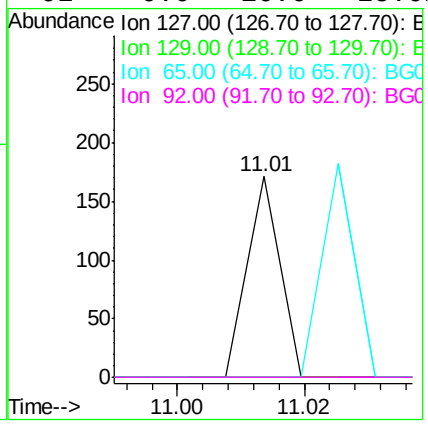


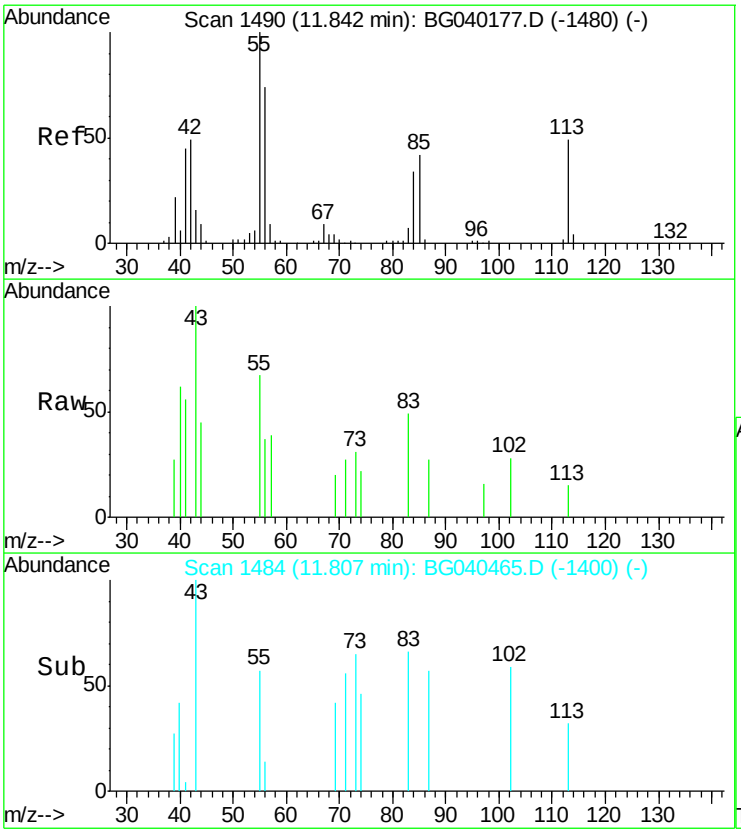
#33
4-Chloroaniline
Concen: 0.017 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 60

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	40.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

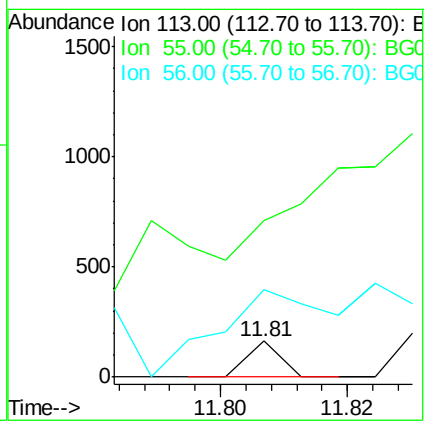


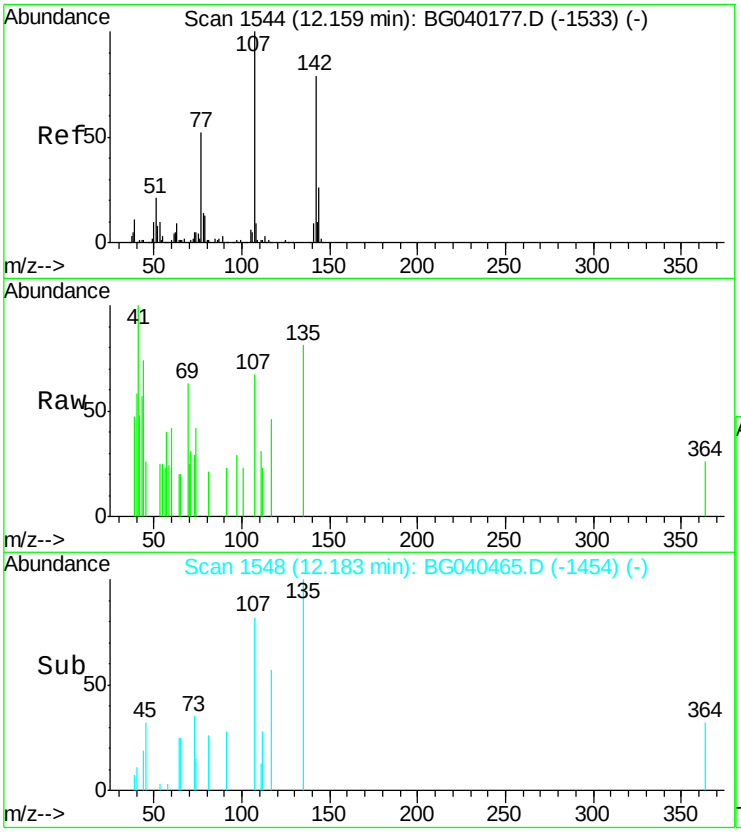


#35
Caprolactam
Concen: 0.056 ng
RT: 11.81 min Scan# 1484
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:113 Resp: 57

Ion	Ratio	Lower	Upper
113	100		
55	438.9	184.2	224.2#
56	244.4	131.3	171.3#



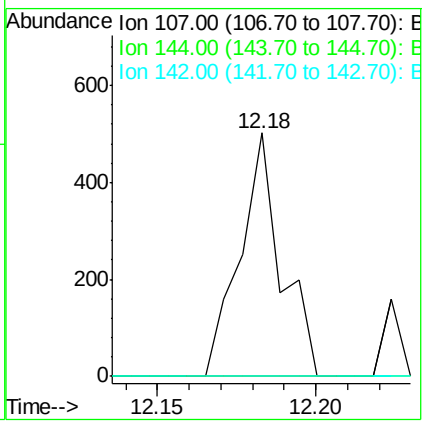


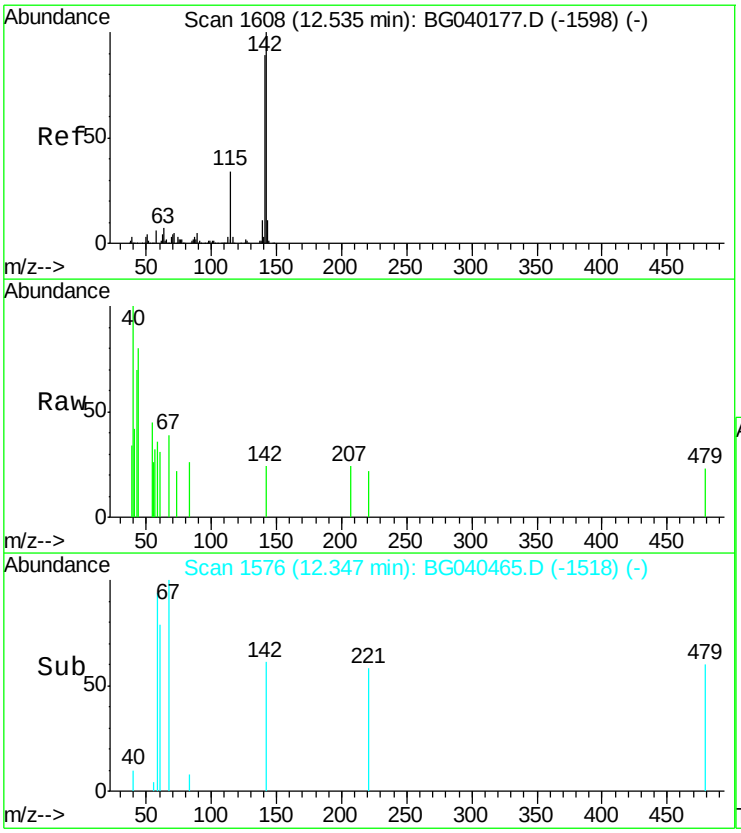
#36
4-Chloro-3-methylphenol
Concen: 0.155 ng
RT: 12.18 min Scan# 1548
Delta R.T. 0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 454

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	63.1	94.7#

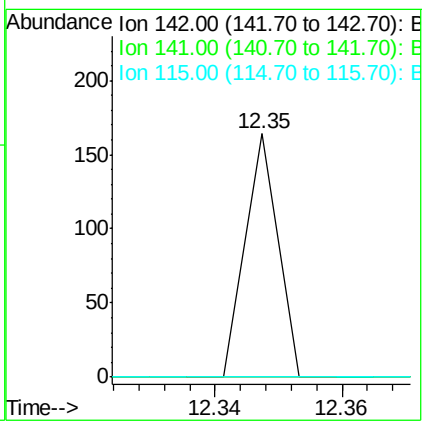


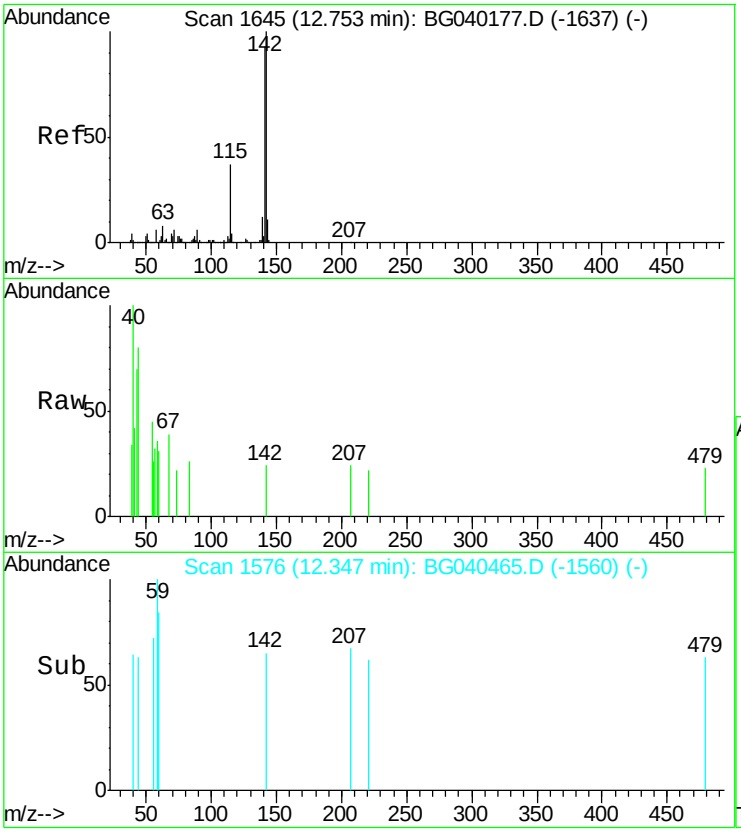


#37
2-Methylnaphthalene
Concen: 0.010 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.19 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:142 Resp: 58

Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.0	106.6#
115	0.0	27.3	40.9#



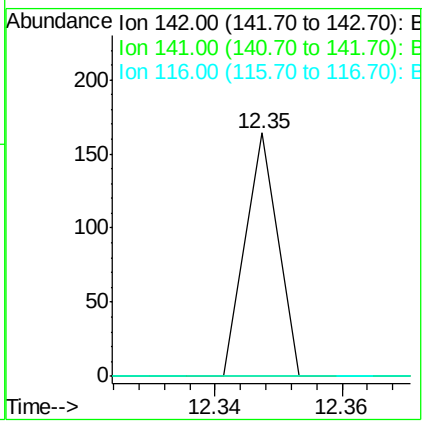


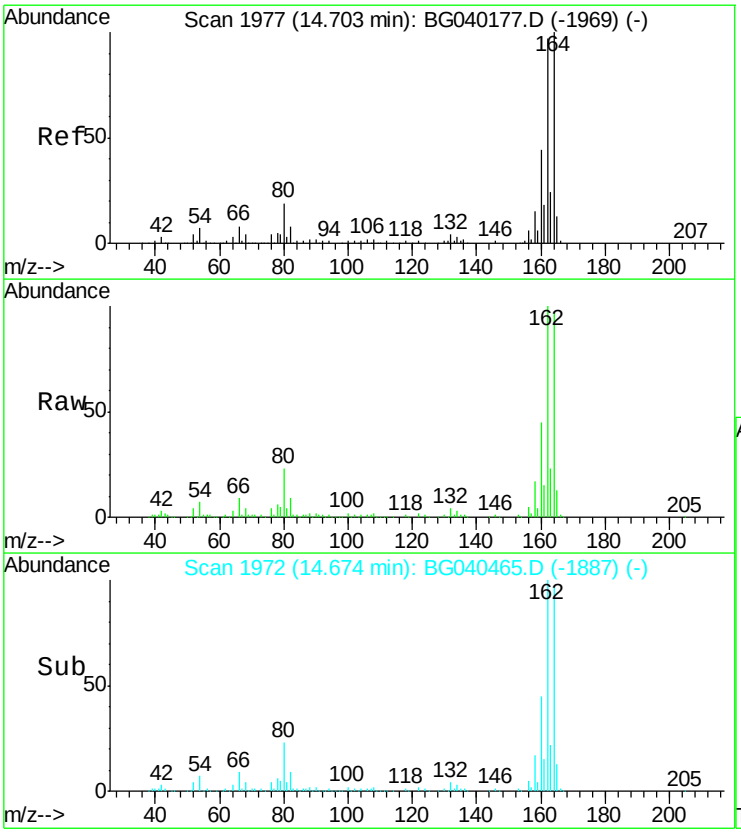
#38
1-Methylnaphthalene
Concen: 0.010 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.41 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 58

Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.2	111.4#
116	0.0	3.0	4.4#

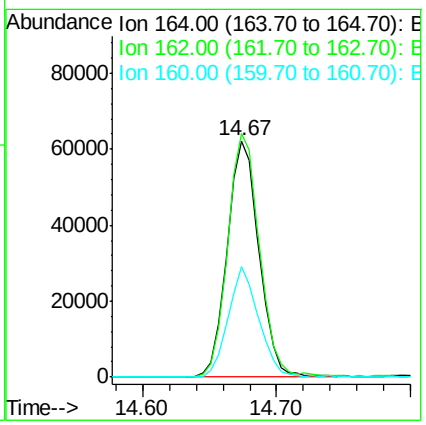


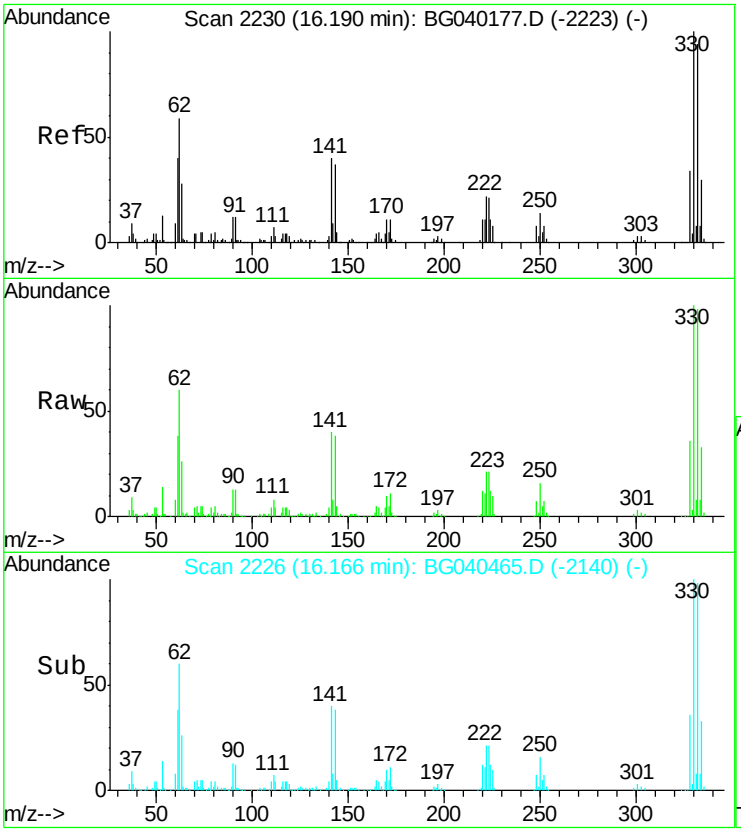


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:164 Resp: 103000

Ion	Ratio	Lower	Upper
164	100		
162	103.0	77.4	116.2
160	46.8	35.3	52.9



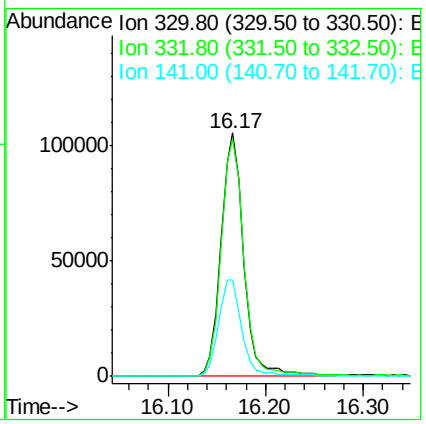


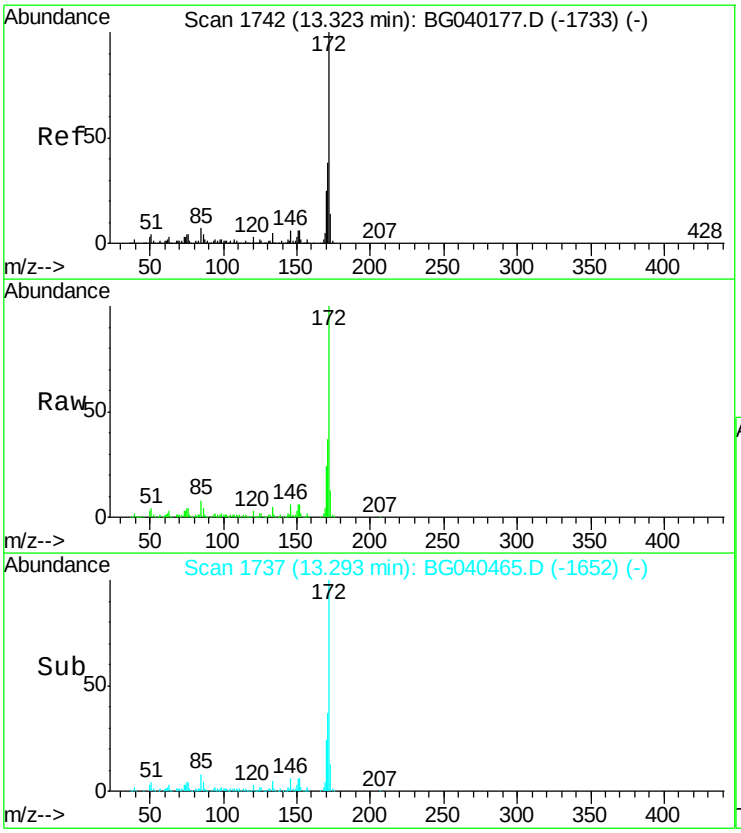
#42
2,4,6-Tribromophenol
Concen: 153.366 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 170721

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	41.0	32.6	48.8

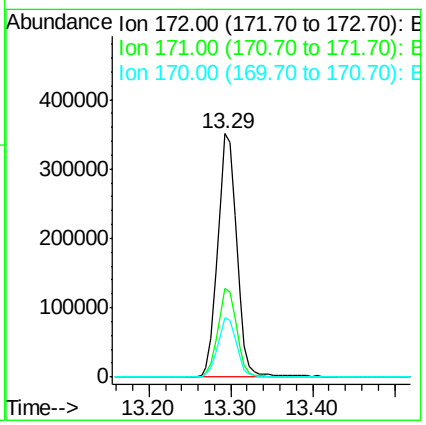


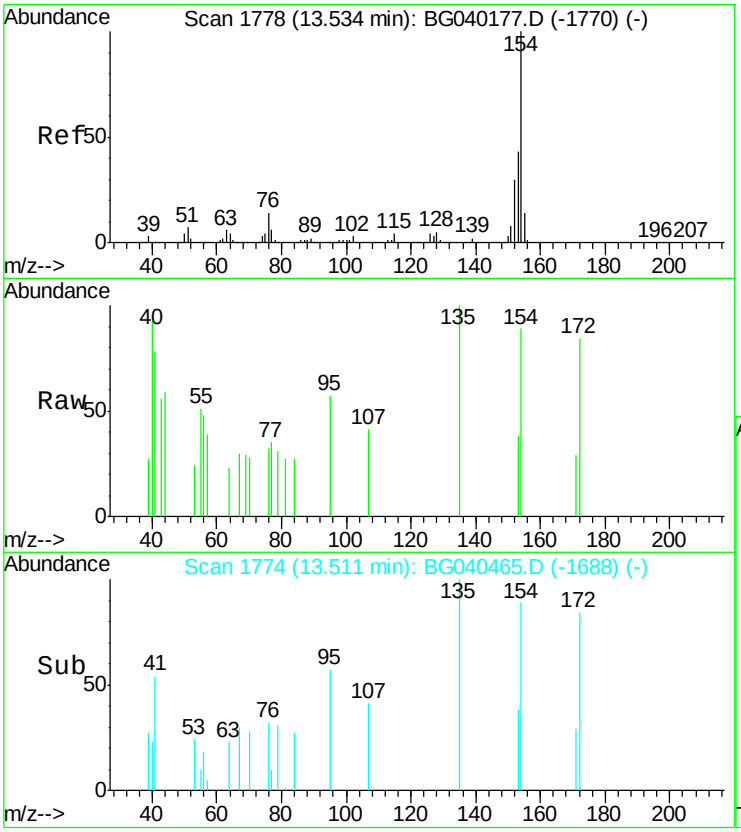


#45
2-Fluorobiphenyl
Concen: 82.536 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:172 Resp: 573724

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.3	20.1	30.1



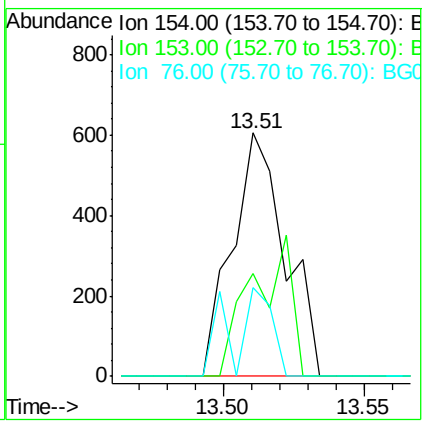


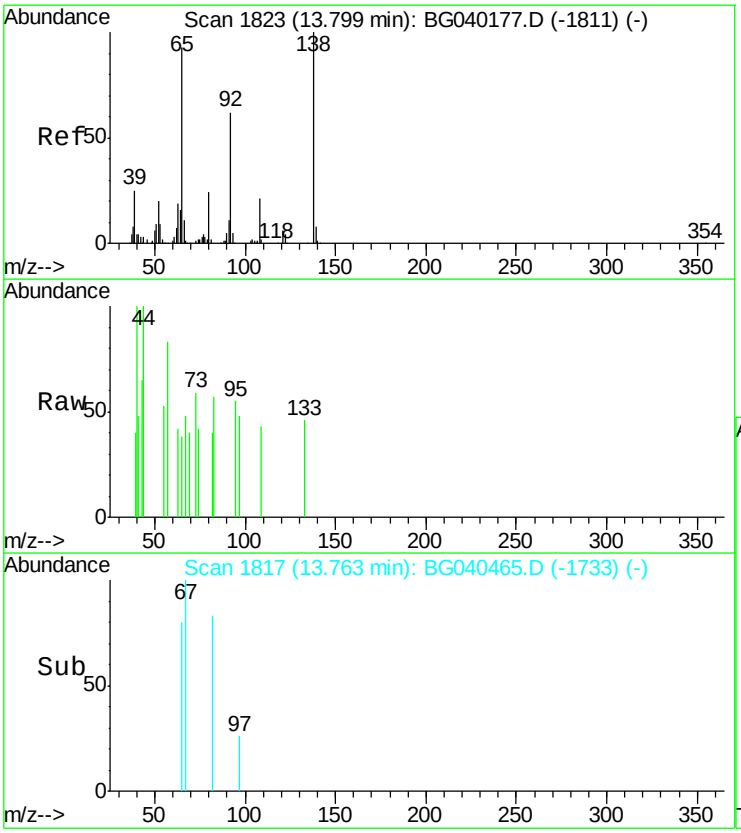
#46
1,1'-Biphenyl
Concen: 0.097 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 788

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.5	62.5
76	36.3	0.0	33.7#

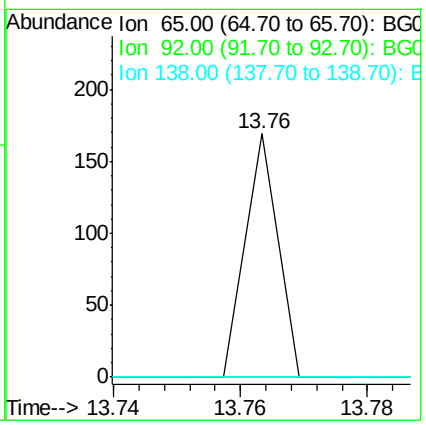


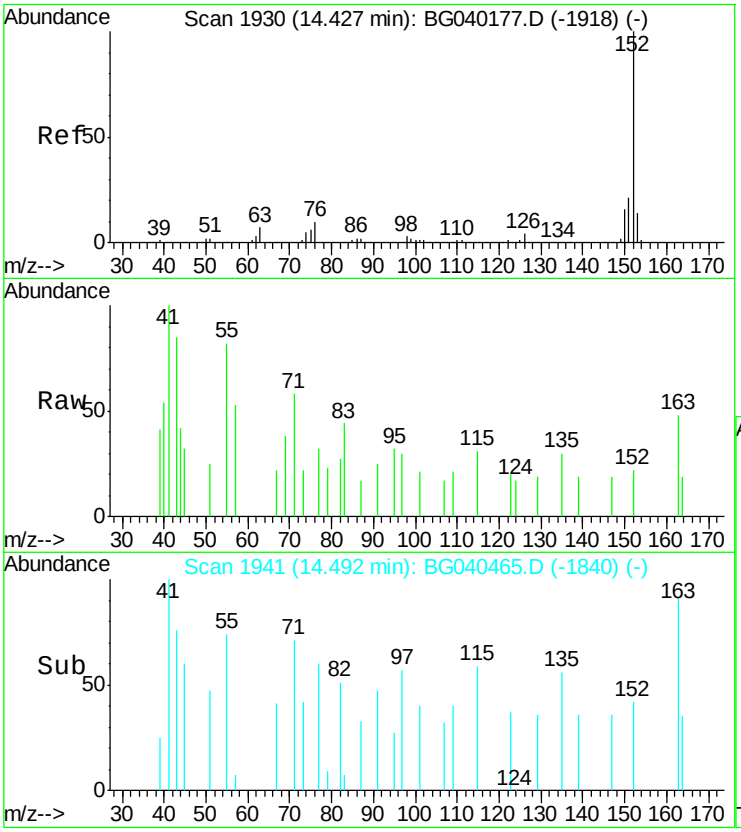


#48
2-Nitroaniline
Concen: 0.028 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 65 Resp: 60

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.8	80.6#
138	0.0	86.3	129.5#



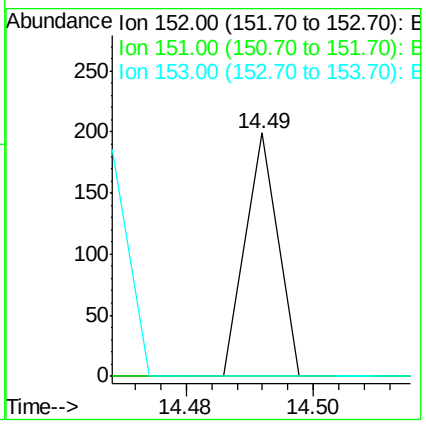


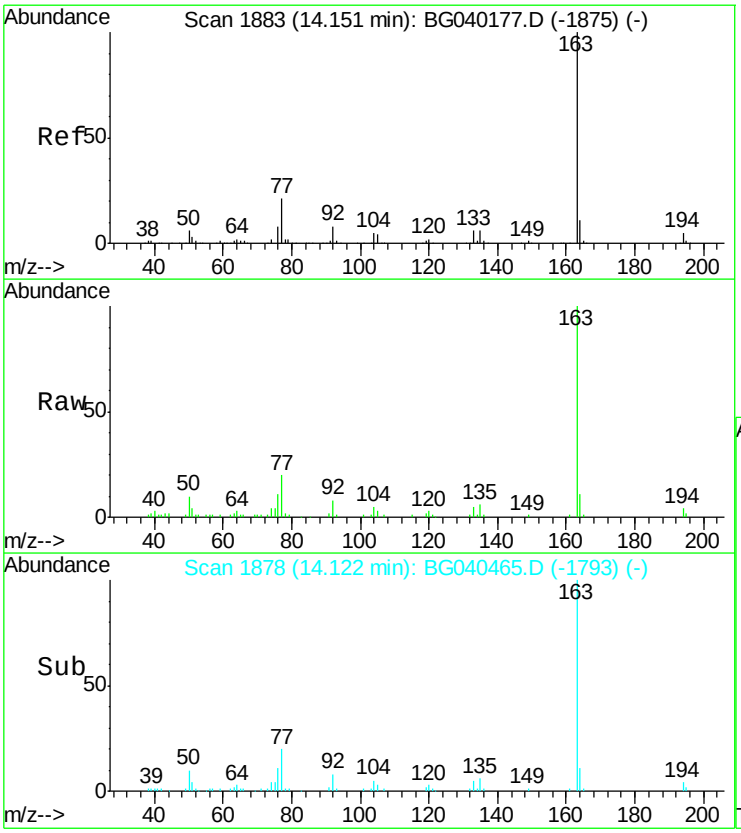
#49
Acenaphthylene
Concen: 0.007 ng
RT: 14.49 min Scan# 1941
Delta R.T. 0.06 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.6#
153	0.0	10.8	16.2#

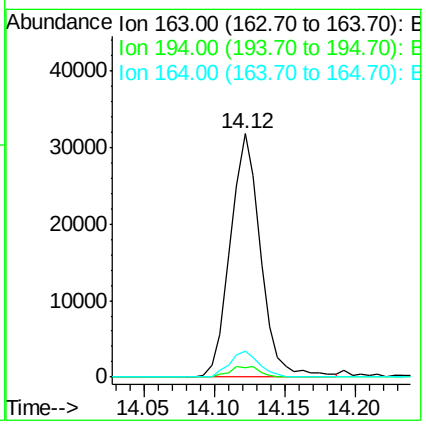


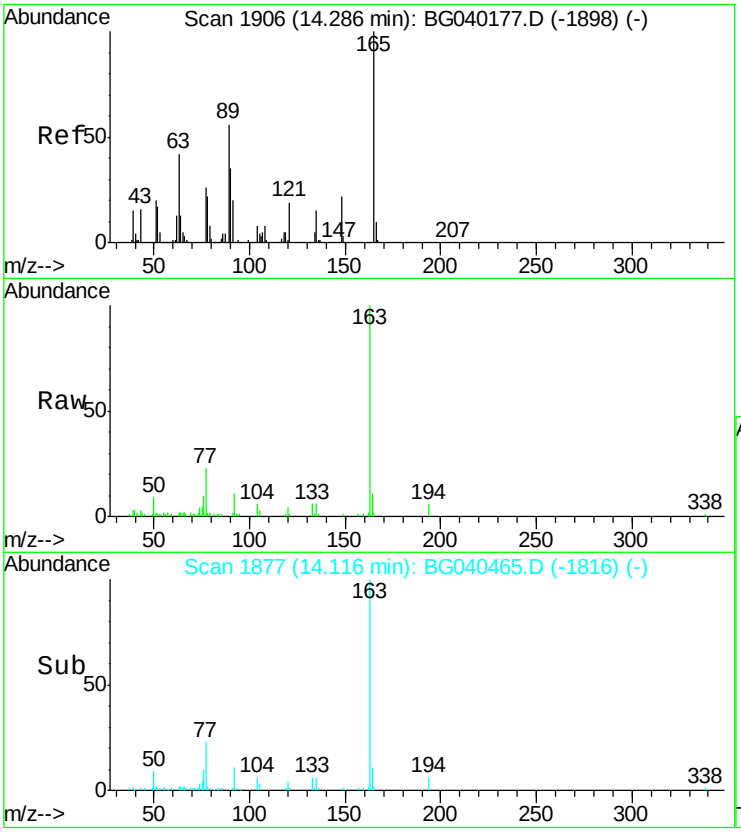


#50
Dimethylphthalate
Concen: 5.914 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:163 Resp: 47672

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.1	6.1#
164	10.9	8.6	13.0



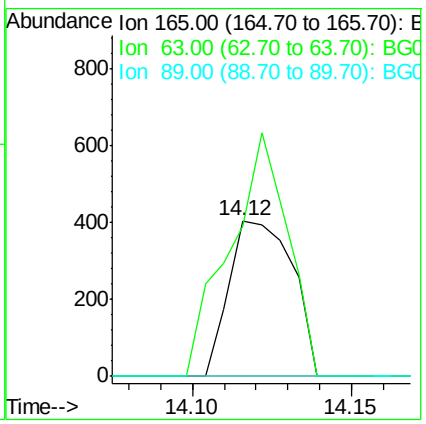


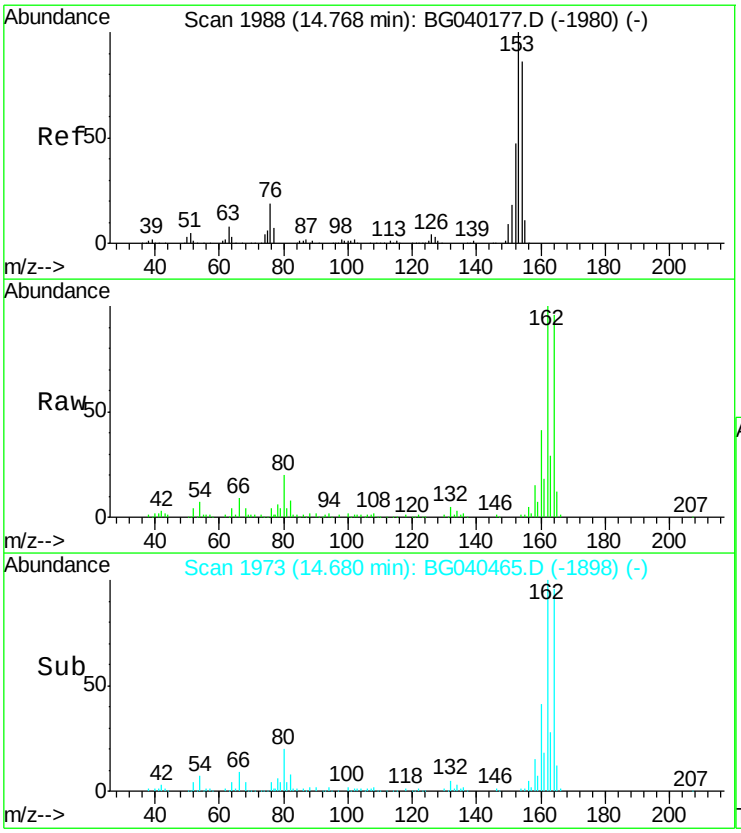
#51
2,6-Dinitrotoluene
Concen: 0.310 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.17 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 561

Ion	Ratio	Lower	Upper
165	100		
63	96.6	44.1	66.1#
89	0.0	44.9	67.3#

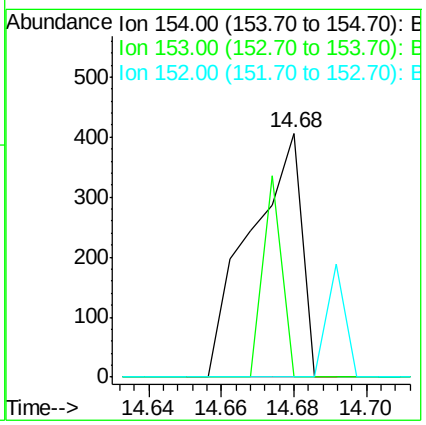


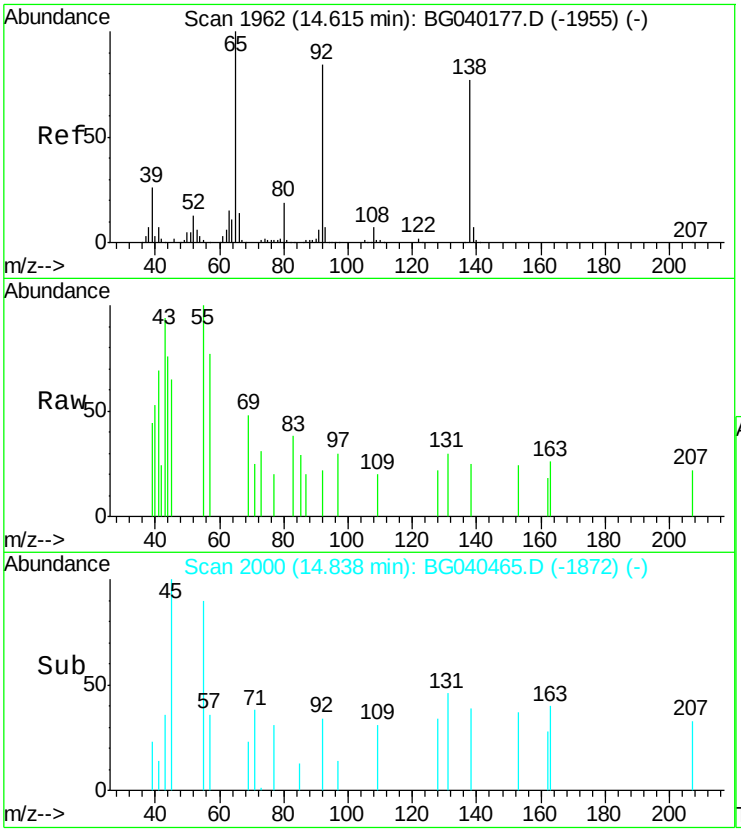


#52
Acenaphthene
Concen: 0.066 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.09 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:154 Resp: 400

Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.8	139.2#
152	0.0	43.4	65.2#



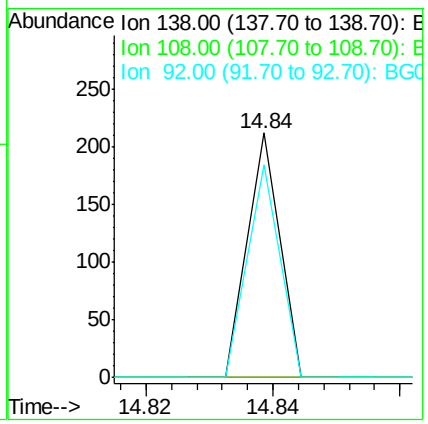


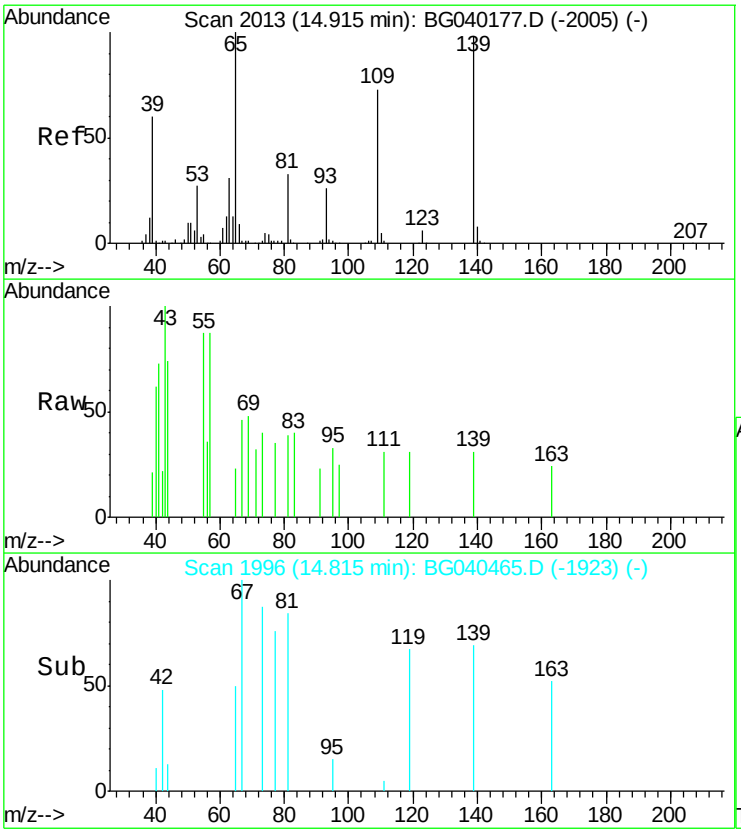
#53
3-Nitroaniline
Concen: 0.039 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.22 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 75

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.8	11.8#
92	86.8	87.5	131.3#

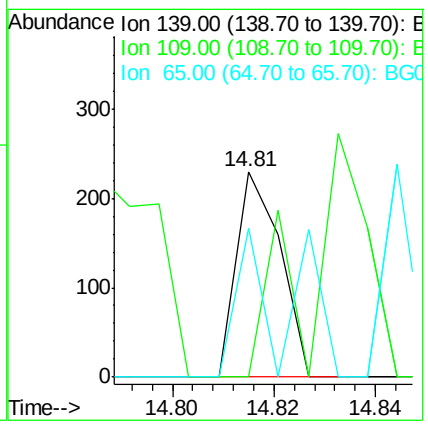


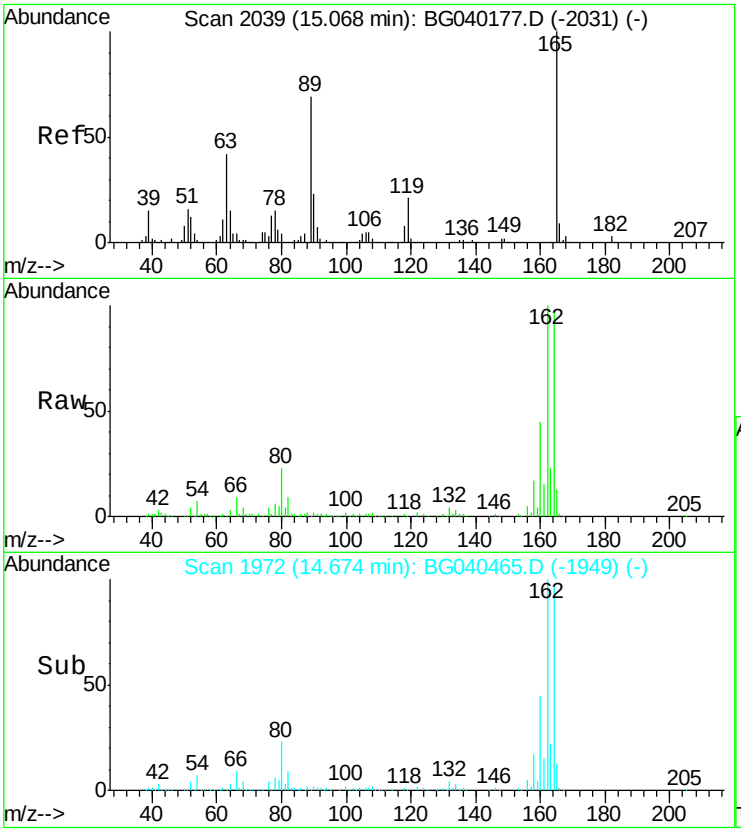


#56
4-Nitrophenol
Concen: 0.089 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.10 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:139 Resp: 137

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.3	94.3#
65	72.2	82.5	122.5#



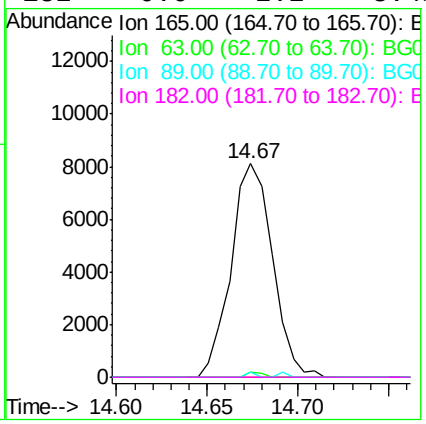


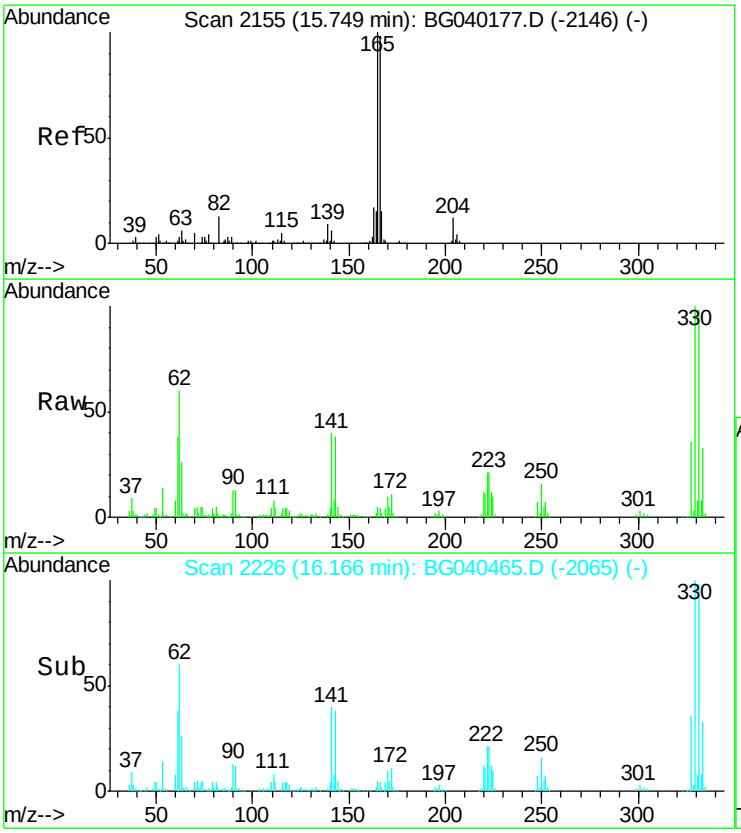
#57
2,4-Dinitrotoluene
Concen: 5.114 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12861

Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.8	50.6#
89	2.1	55.4	83.2#
182	0.0	2.2	3.4#

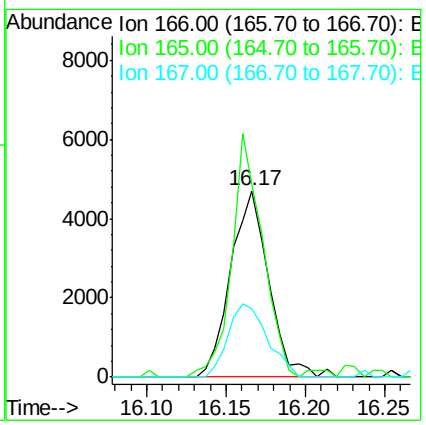


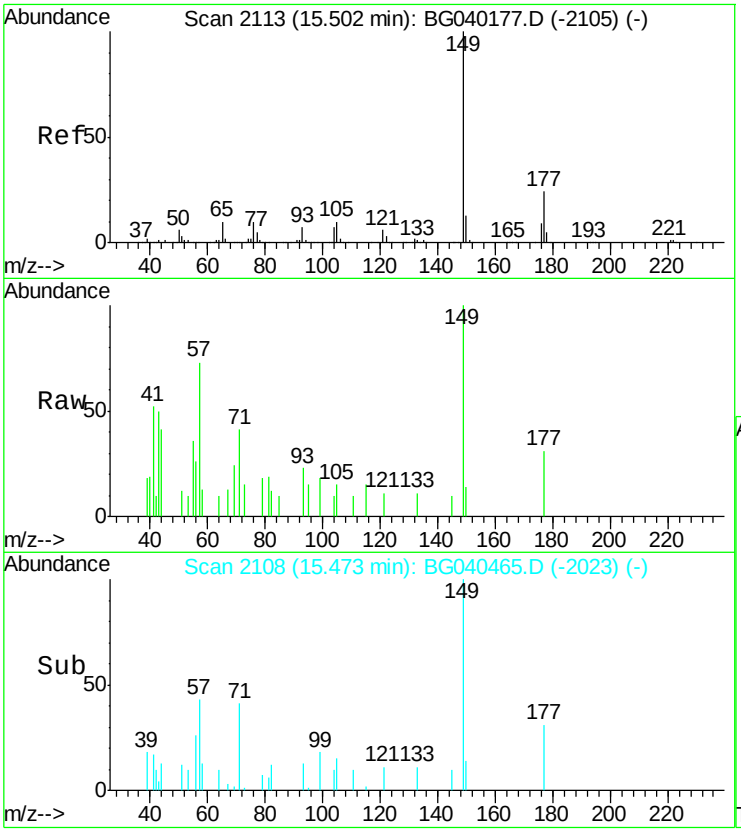


#58
Fluorene
Concen: 1.022 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.42 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:166 Resp: 7834

Ion	Ratio	Lower	Upper
166	100		
165	103.1	81.7	122.5
167	36.4	11.9	17.9#



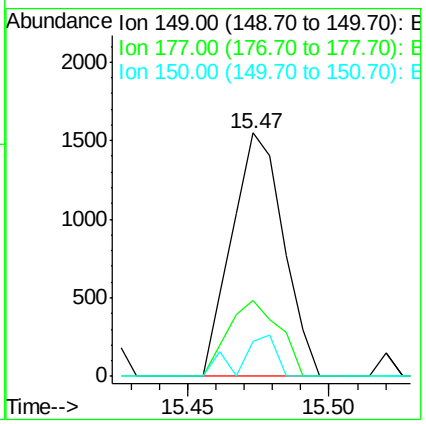


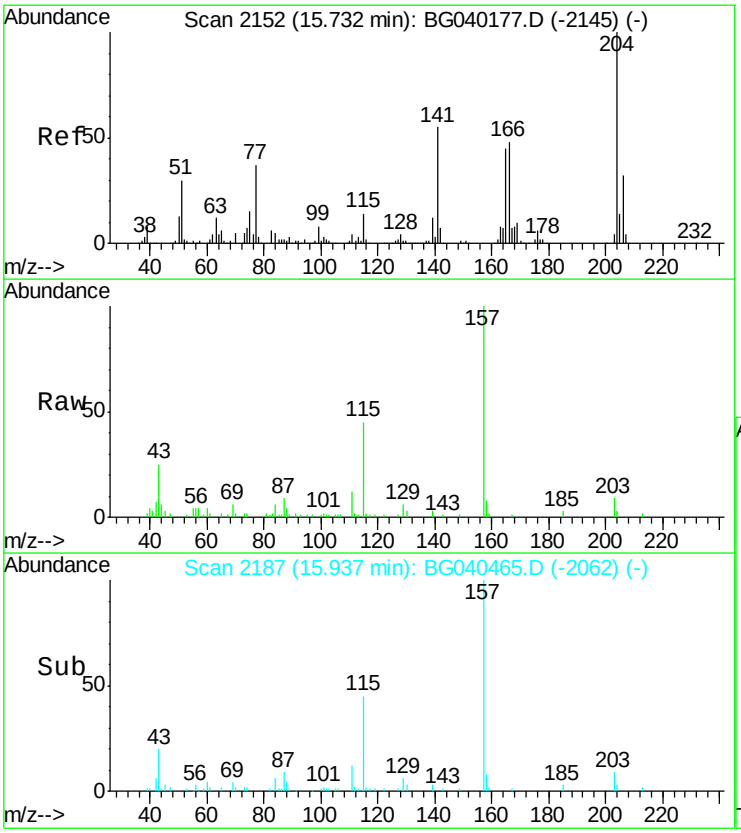
#60
Diethylphthalate
Concen: 0.239 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1968

Ion	Ratio	Lower	Upper
149	100		
177	31.1	19.1	28.7#
150	14.4	10.6	15.8

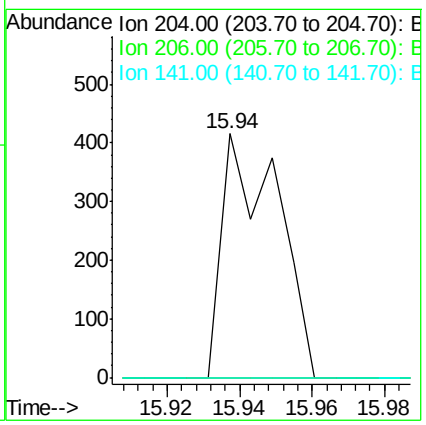


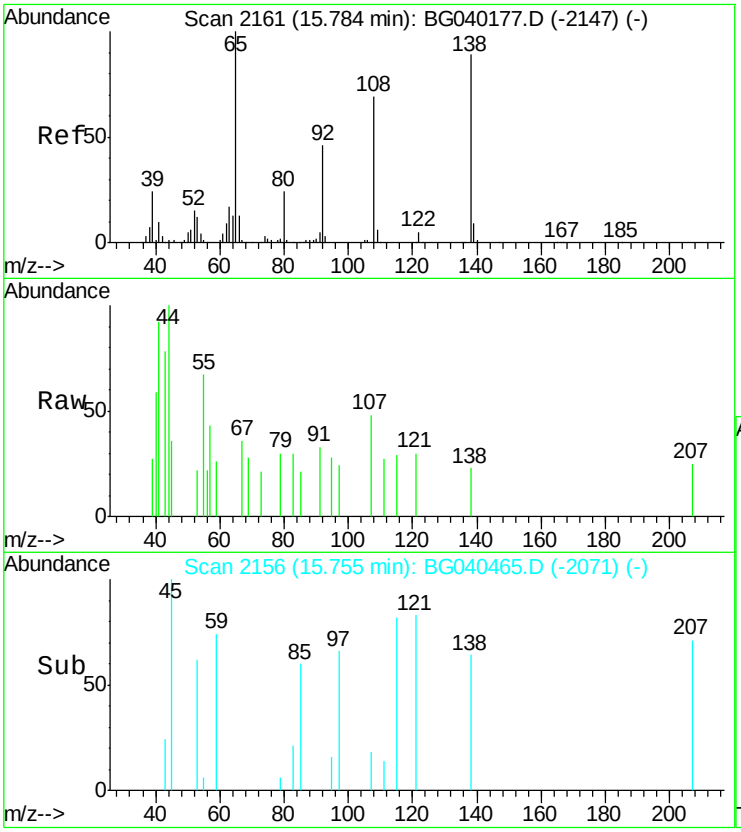


#61
4-Chlorophenyl-phenylether
Concen: 0.108 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.21 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:204 Resp: 443

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	0.0	44.0	66.0#



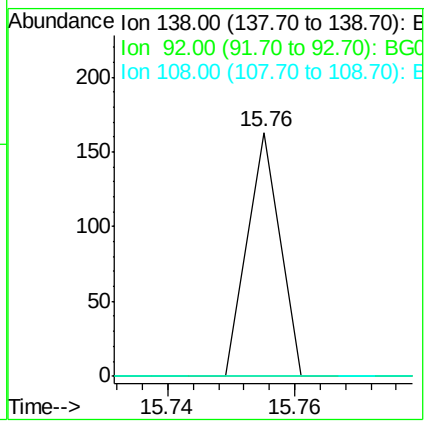


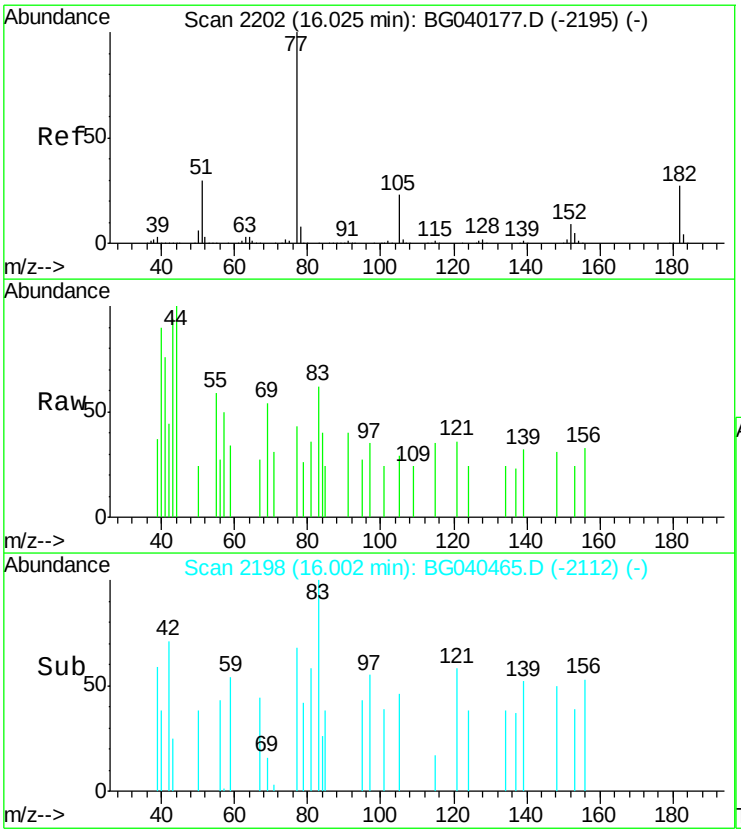
#62
4-Nitroaniline
Concen: 0.028 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 57

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.8	71.8#
108	0.0	57.2	97.2#

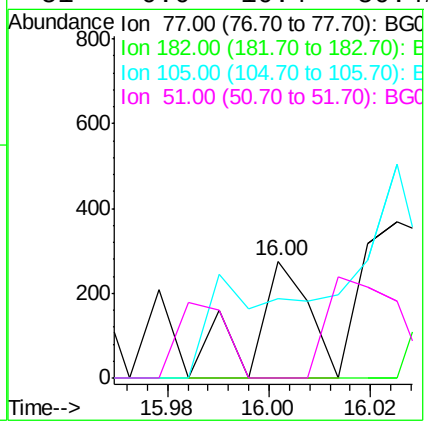


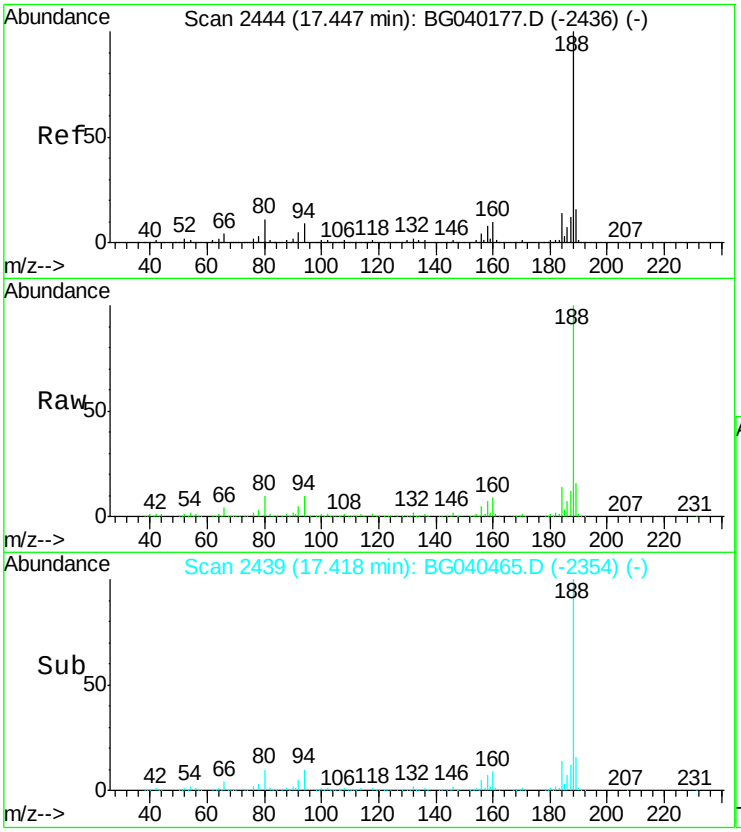


#63
Azobenzene
Concen: 0.028 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion: 77 Resp: 218

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.2	47.2#
105	67.6	2.8	42.8#
51	0.0	10.4	50.4#



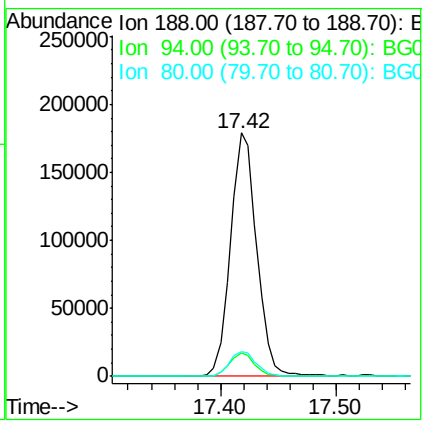


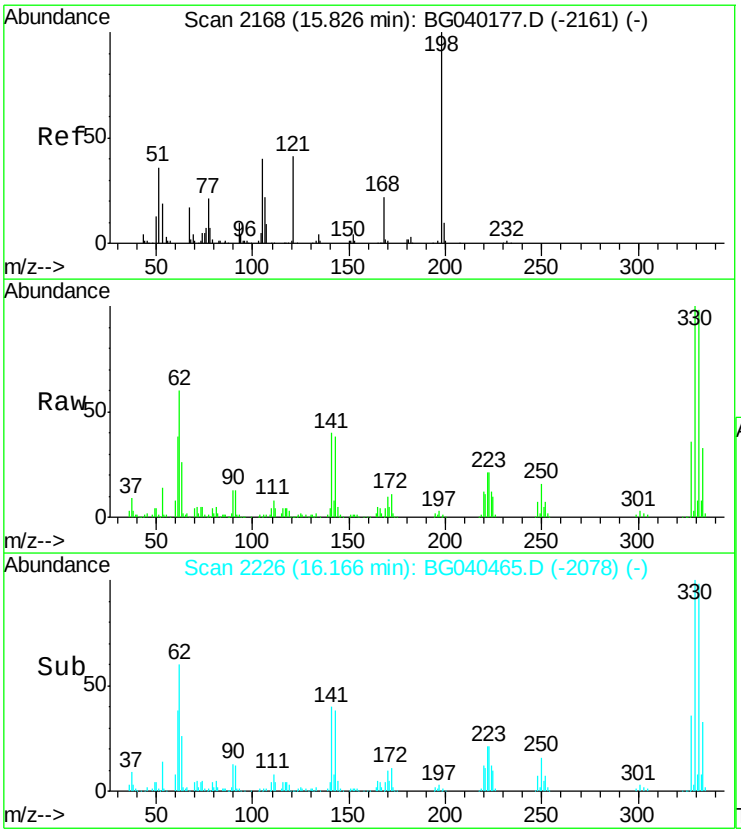
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 281291

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.4
80	10.2	8.6	13.0

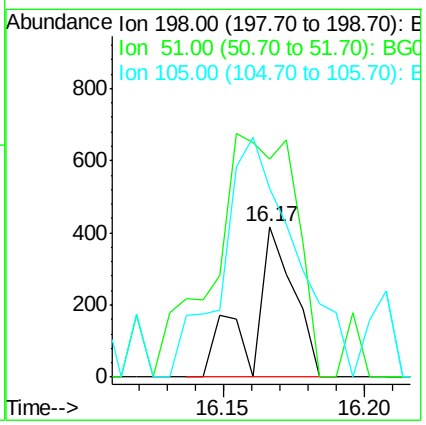


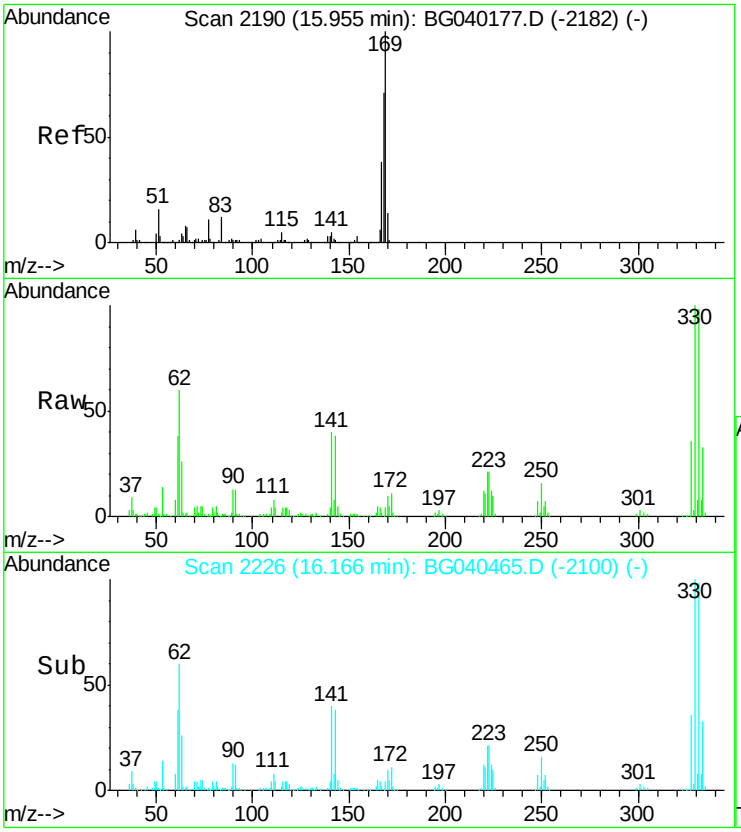


#65
4,6-Dinitro-2-methylphenol
Concen: 0.273 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.34 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:198 Resp: 432

Ion	Ratio	Lower	Upper
198	100		
51	144.3	27.3	67.3#
105	125.1	21.7	61.7#



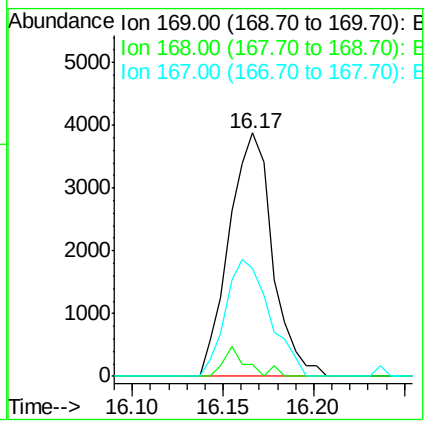


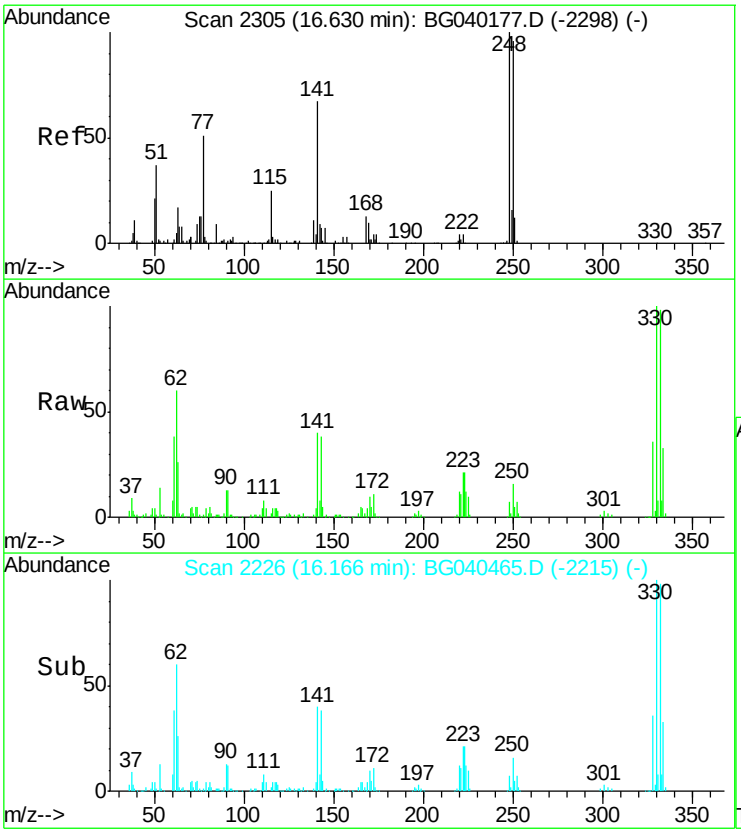
#66
n-Nitrosodiphenylamine
Concen: 0.783 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.21 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 6443

Ion	Ratio	Lower	Upper
169	100		
168	4.8	56.8	85.2#
167	44.1	30.2	45.4

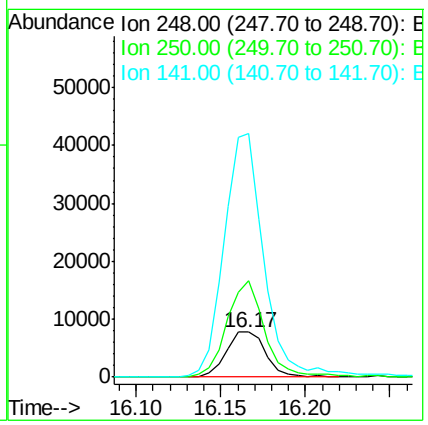


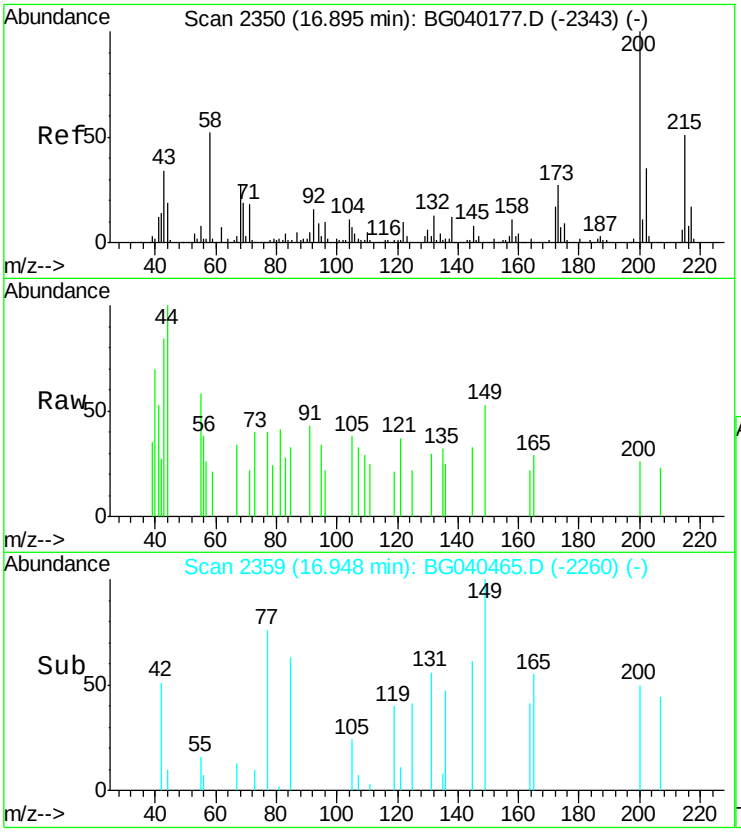


#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:248 Resp: 12641

Ion	Ratio	Lower	Upper
248	100		
250	213.4	76.4	114.6#
141	539.6	53.8	80.8#



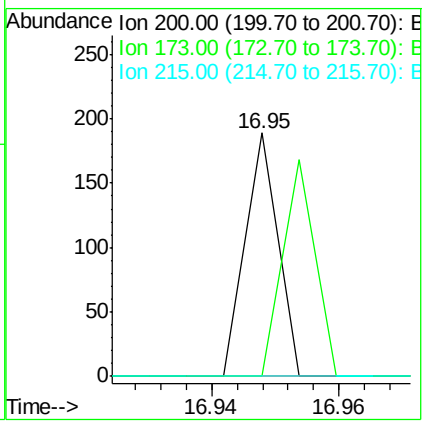


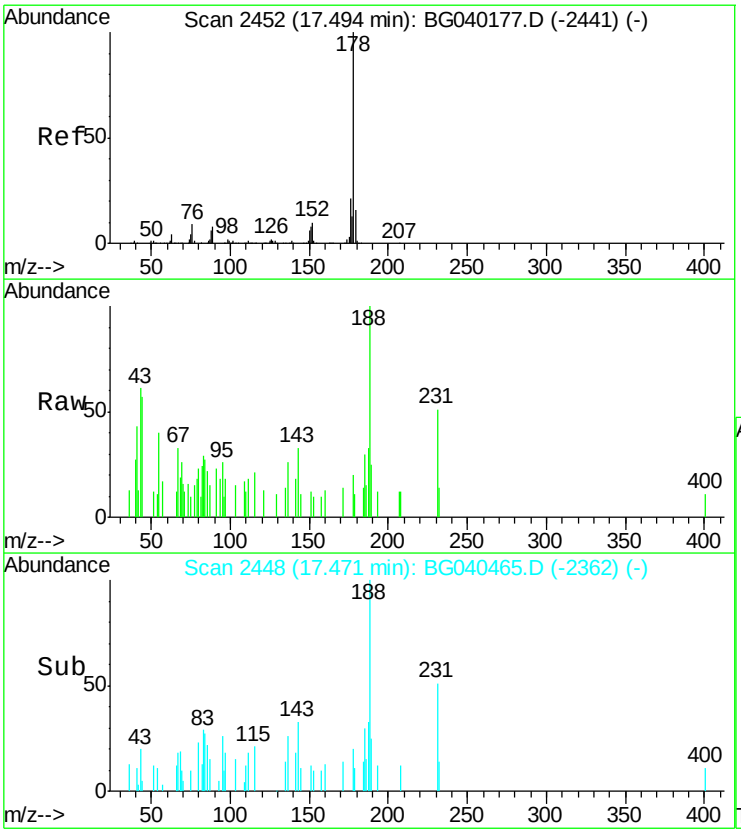
#69
Atrazine
Concen: 0.022 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.05 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 67

Ion	Ratio	Lower	Upper
200	100		
173	0.0	7.1	47.1#
215	0.0	30.9	70.9#

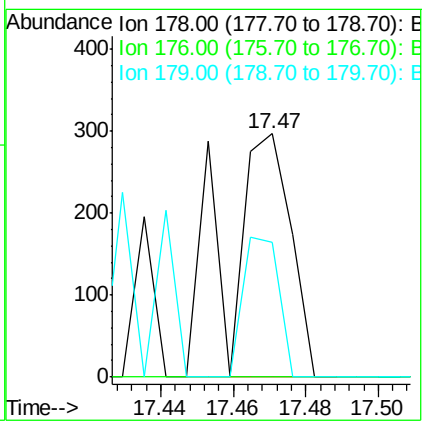


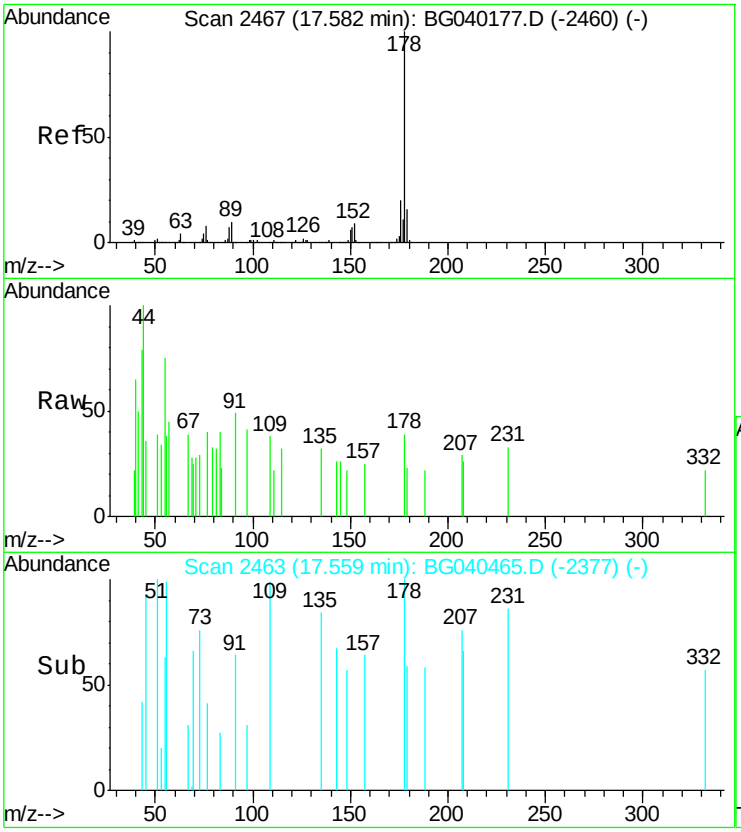


#71
Phenanthrene
Concen: 0.025 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:178 Resp: 365

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.7	25.1#
179	55.6	12.8	19.2#



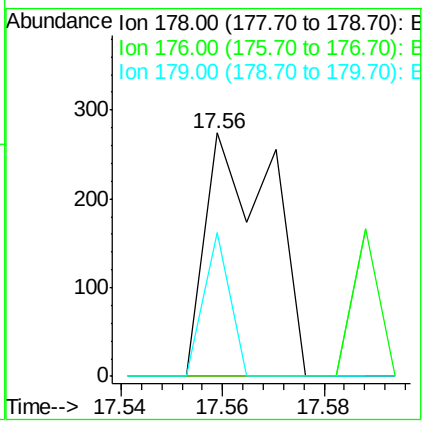


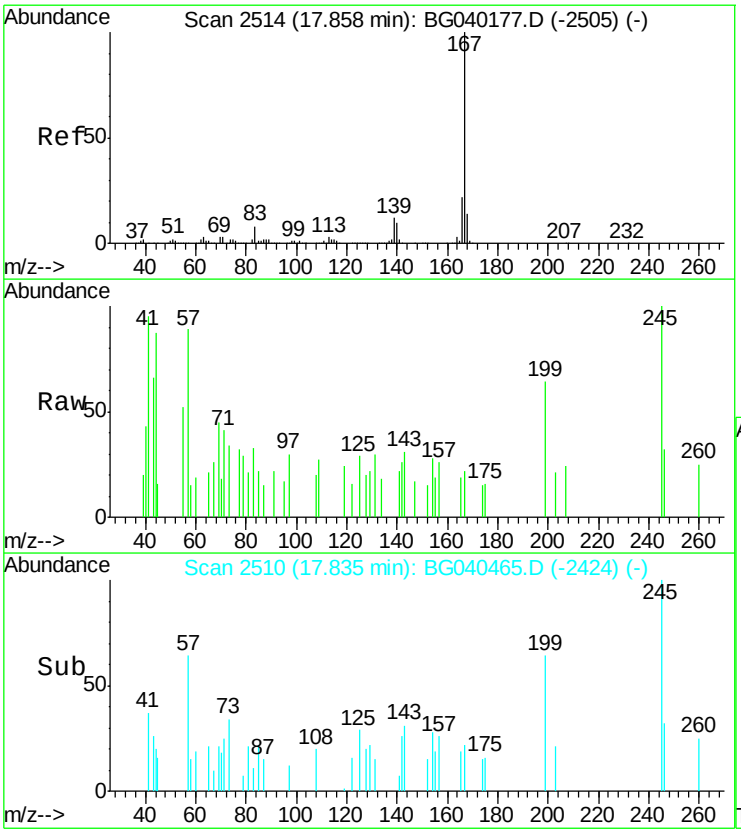
#72
Anthracene
Concen: 0.017 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 248

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	59.1	12.9	19.3#

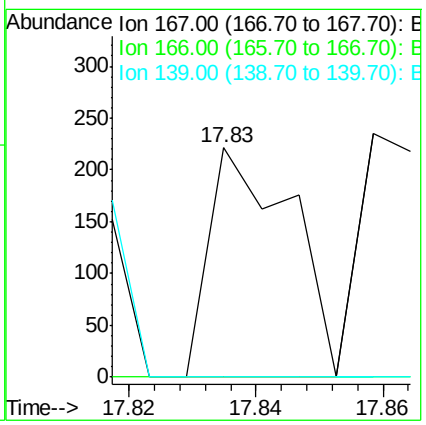


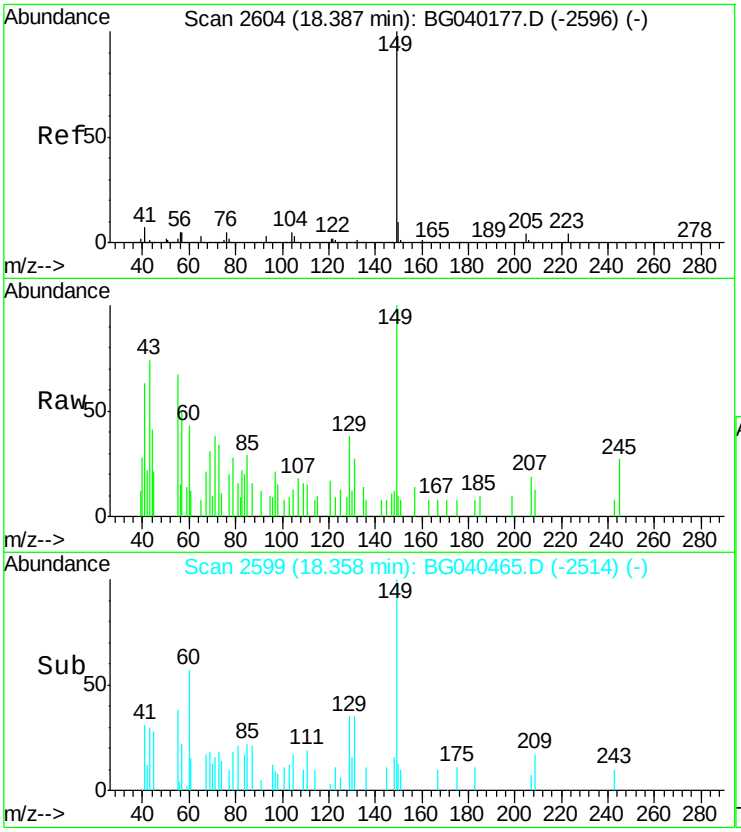


#73
Carbazole
Concen: 0.014 ng
RT: 17.83 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:167 Resp: 197

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.5	26.3#
139	0.0	10.0	15.0#



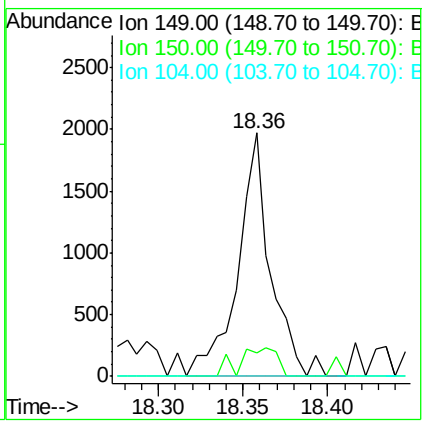


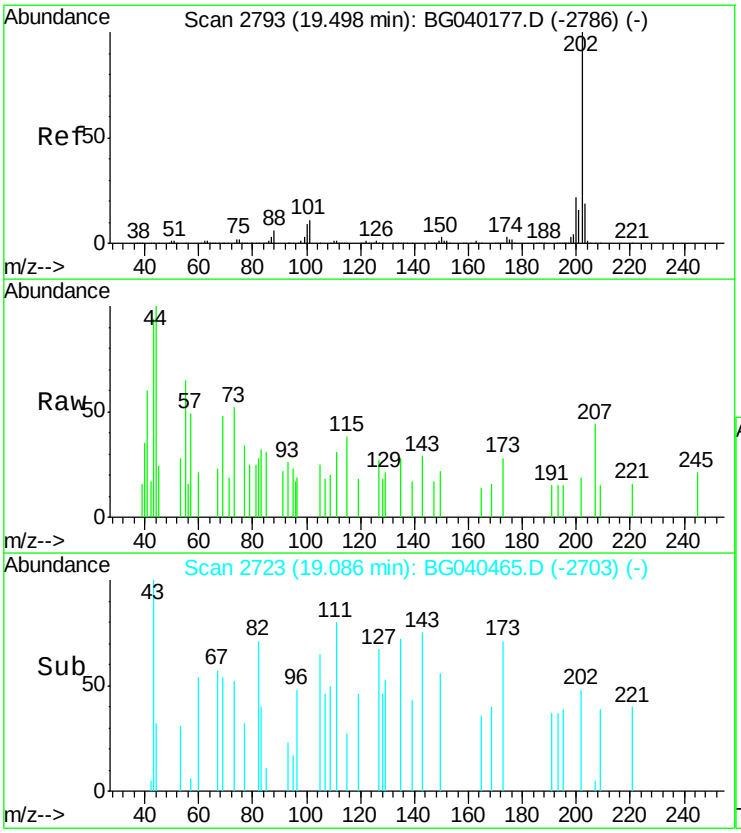
#74
Di-n-butylphthalate
Concen: 0.160 ng
RT: 18.36 min Scan# 2599
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 2661

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	0.0	4.1	6.1#

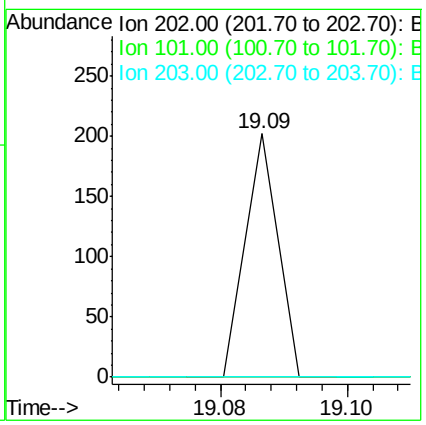


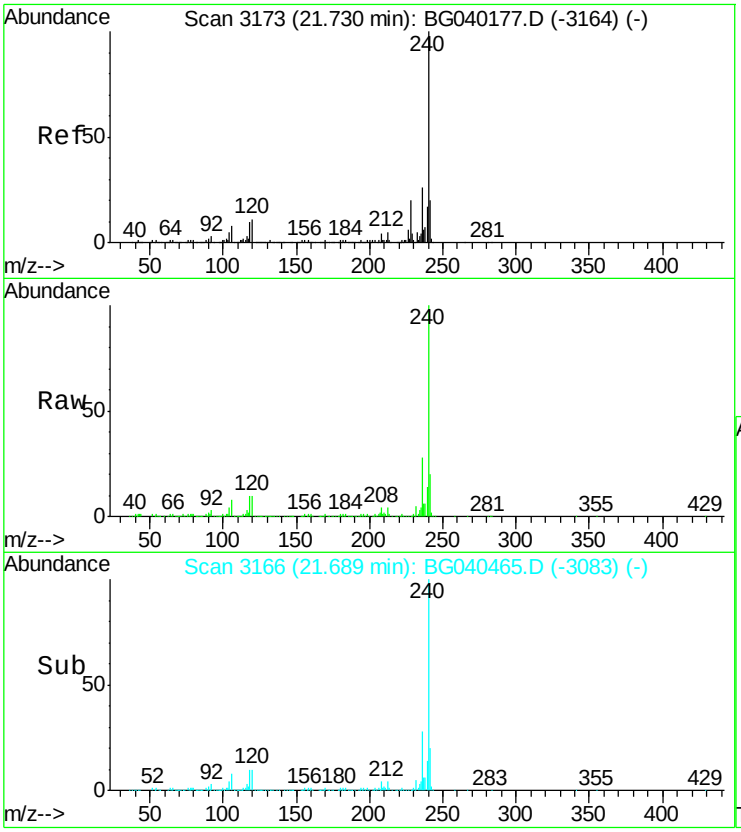


#75
Fluoranthene
Concen: 0.004 ng
RT: 19.09 min Scan# 2723
Delta R.T. -0.41 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:202 Resp: 71

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.8
203	0.0	0.0	38.9



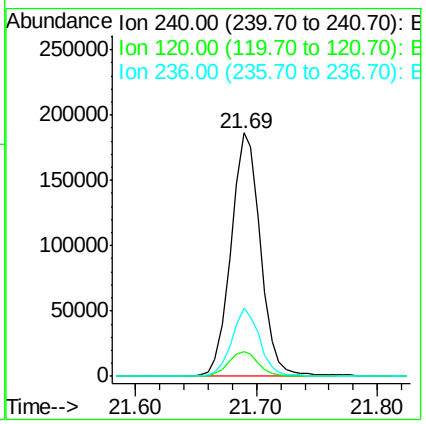


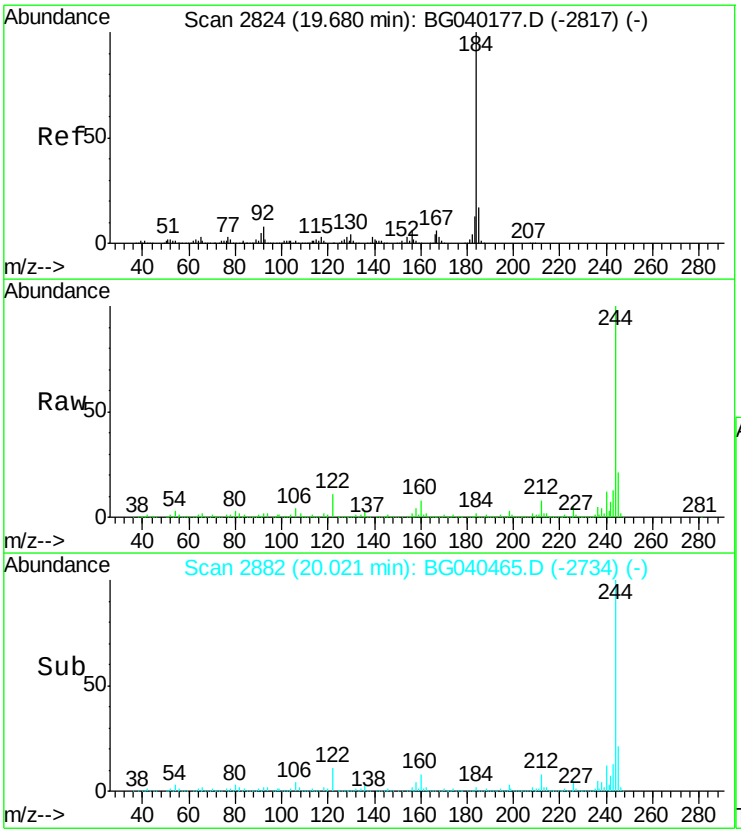
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 316245

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	27.9	20.8	31.2

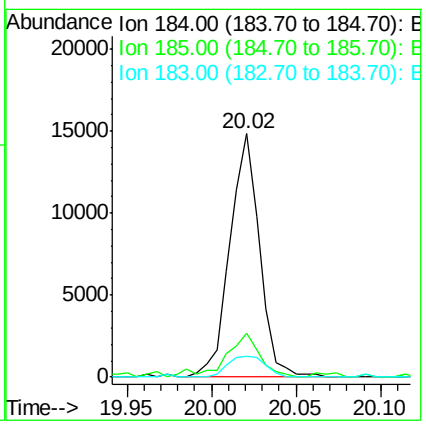


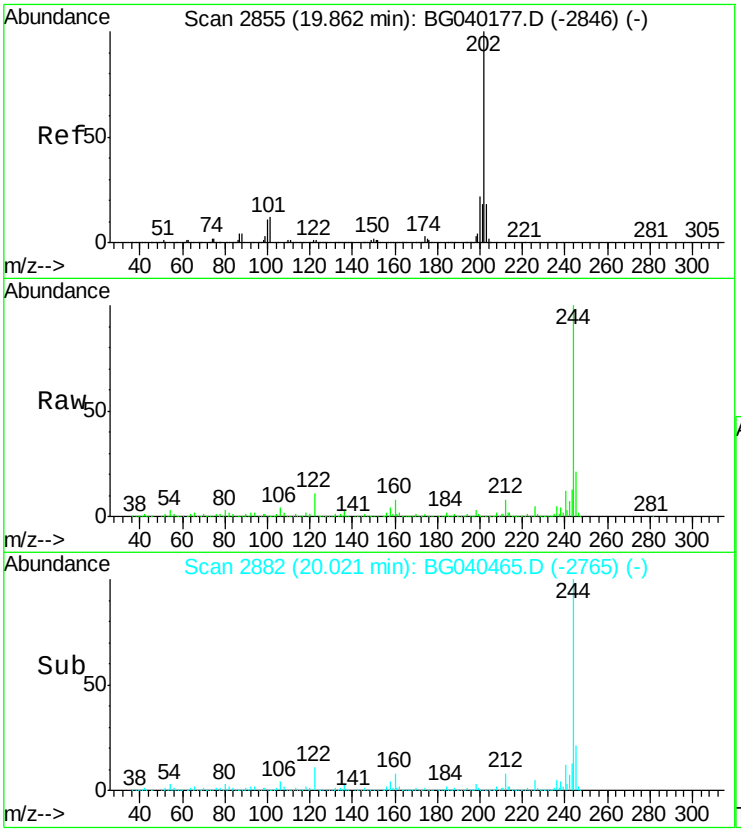


#77
Benzidine
Concen: 1.584 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.34 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:184 Resp: 18089

Ion	Ratio	Lower	Upper
184	100		
185	18.3	13.3	19.9
183	8.4	10.3	15.5#



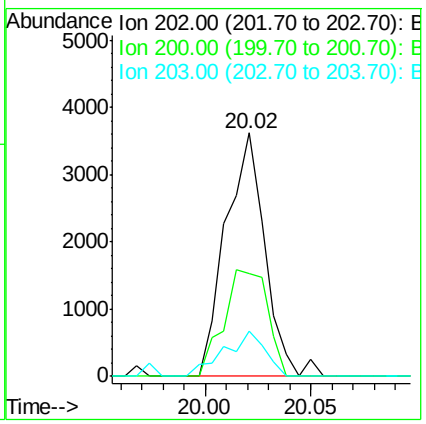


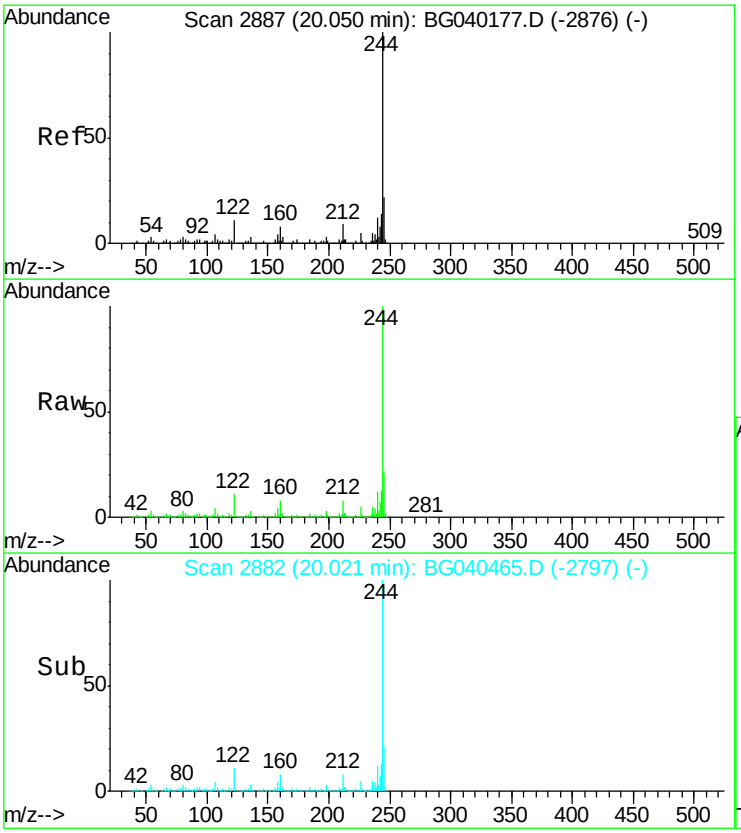
#78
Pyrene
Concen: 0.223 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.16 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 4645

Ion	Ratio	Lower	Upper
202	100		
200	42.1	17.3	25.9#
203	18.6	14.6	22.0

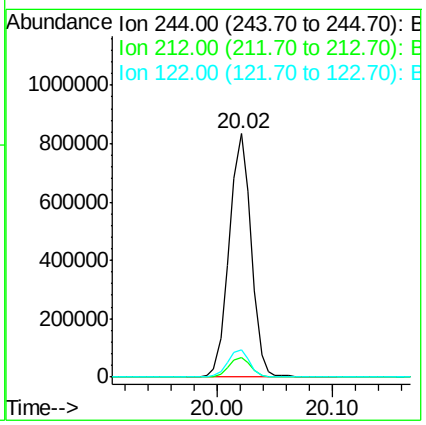


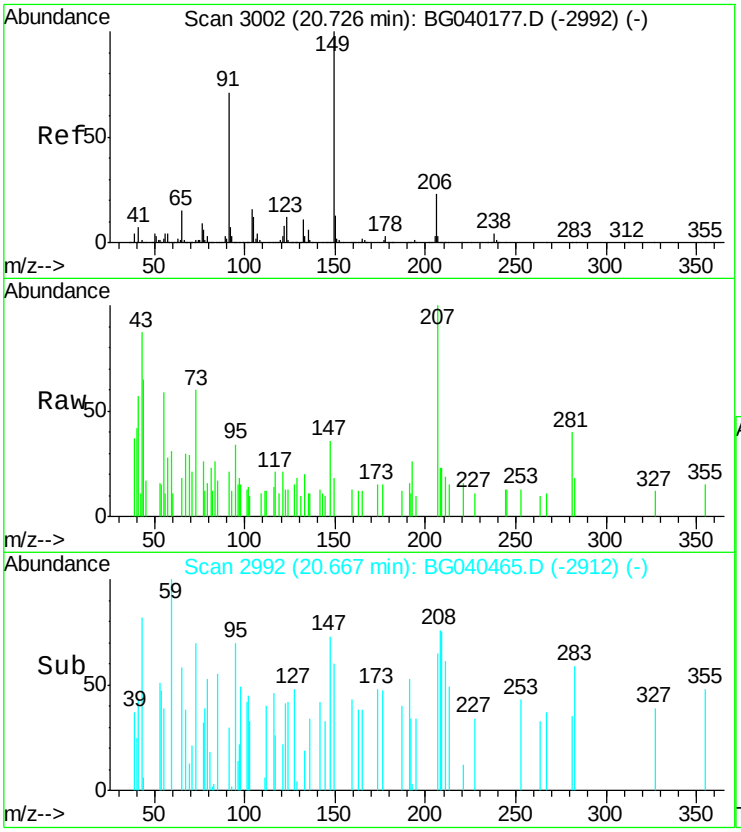


#79
Terphenyl-d14
Concen: 78.369 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:244 Resp: 1101677

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	11.0	8.5	12.7



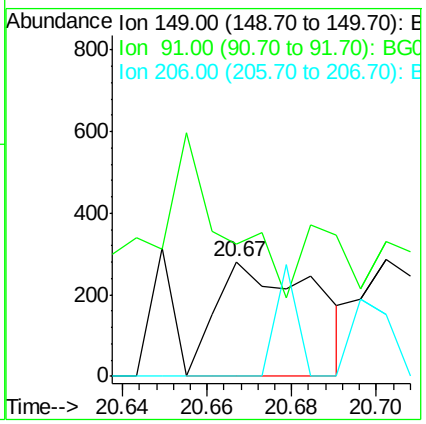


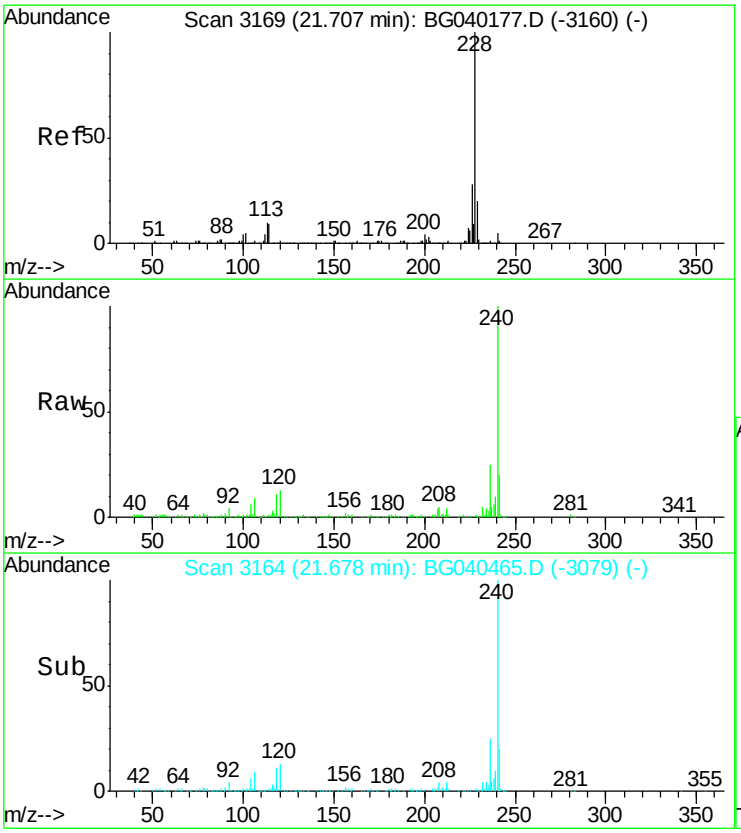
#80
Butylbenzylphthalate
Concen: 0.051 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.06 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 454

Ion	Ratio	Lower	Upper
149	100		
91	115.3	57.0	85.4#
206	0.0	18.2	27.4#

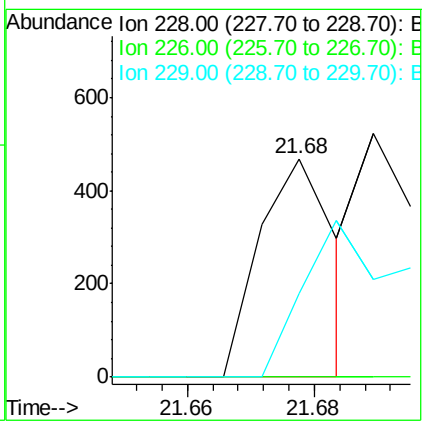


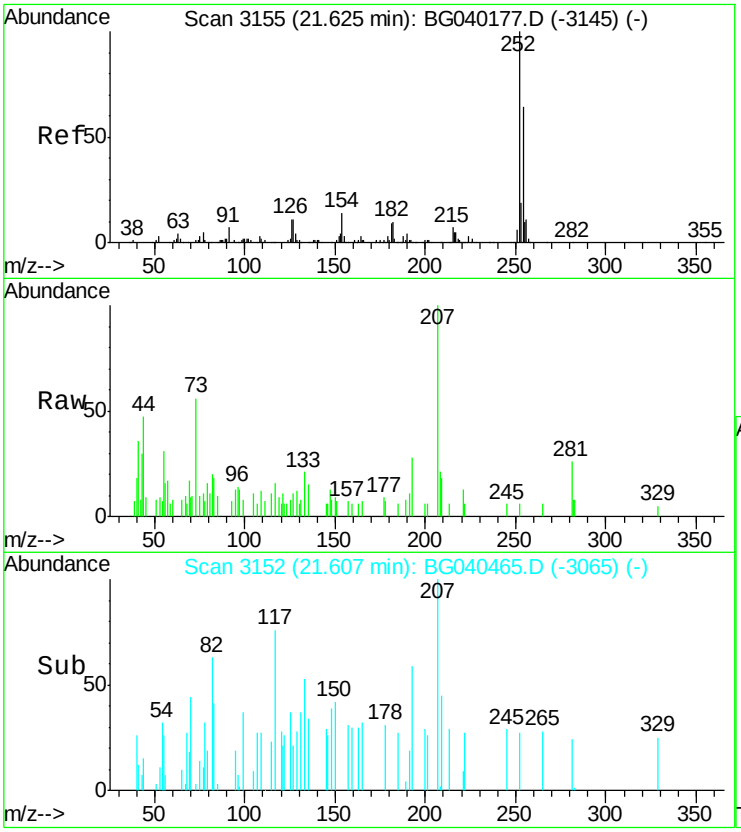


#81
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:228 Resp: 386

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	34.0#
229	38.0	16.1	24.1#



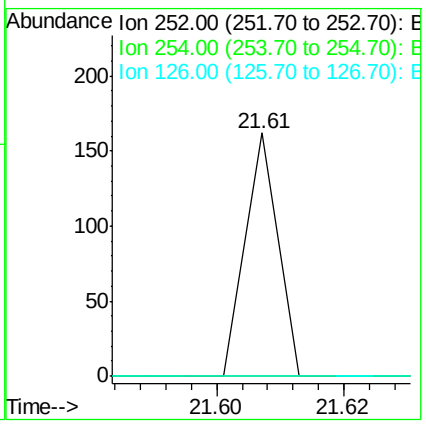


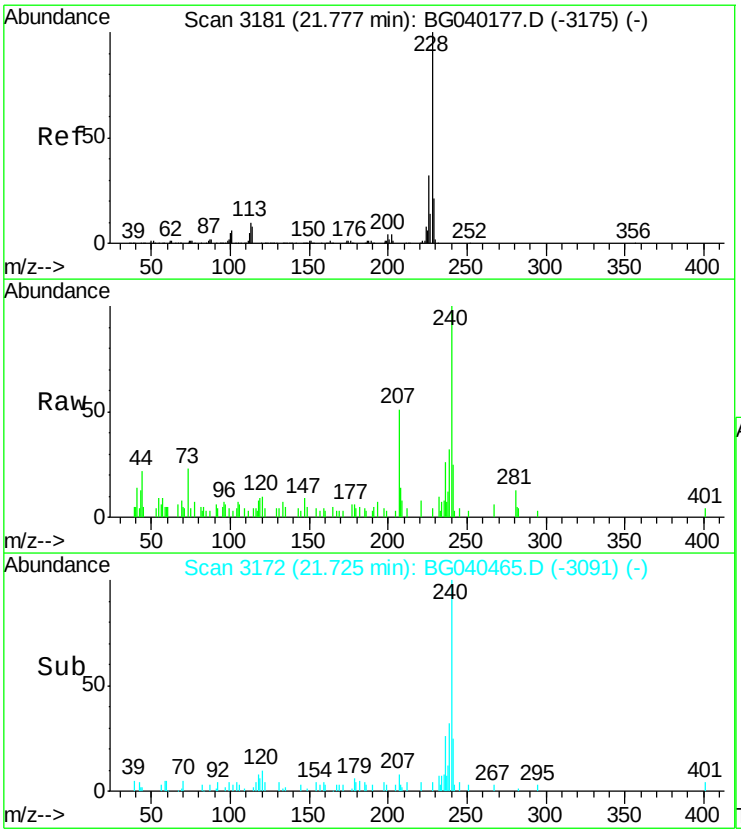
#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	8.5	12.7#

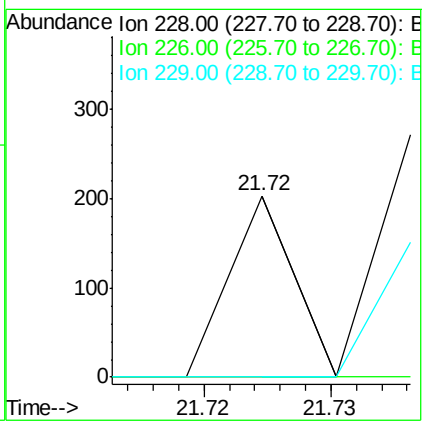


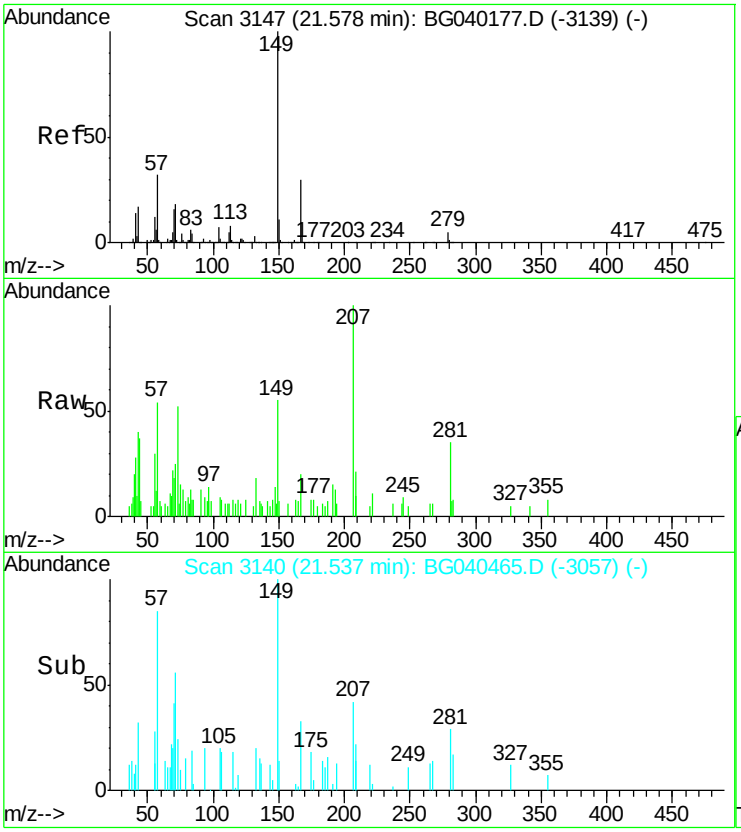


#83
Chrysene
Concen: 0.004 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.05 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:228 Resp: 72

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	17.0	25.4#



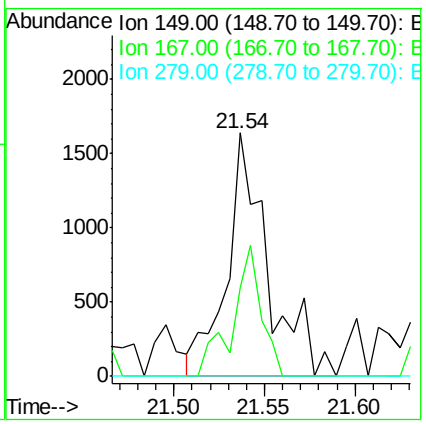


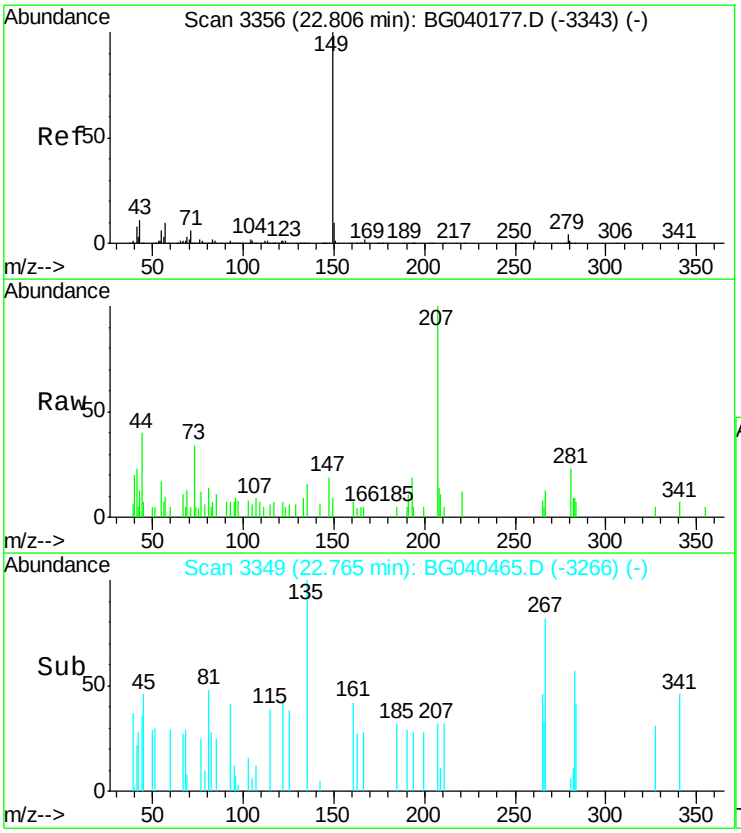
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.204 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 2593

Ion	Ratio	Lower	Upper
149	100		
167	36.3	24.1	36.1#
279	0.0	4.1	6.1#

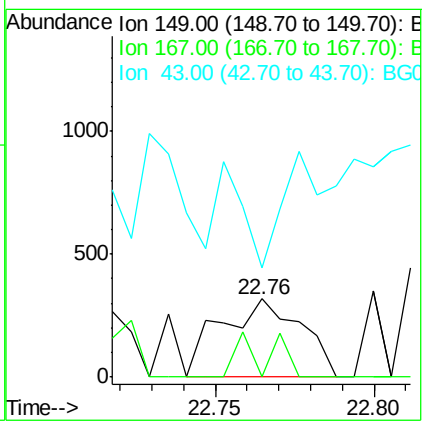


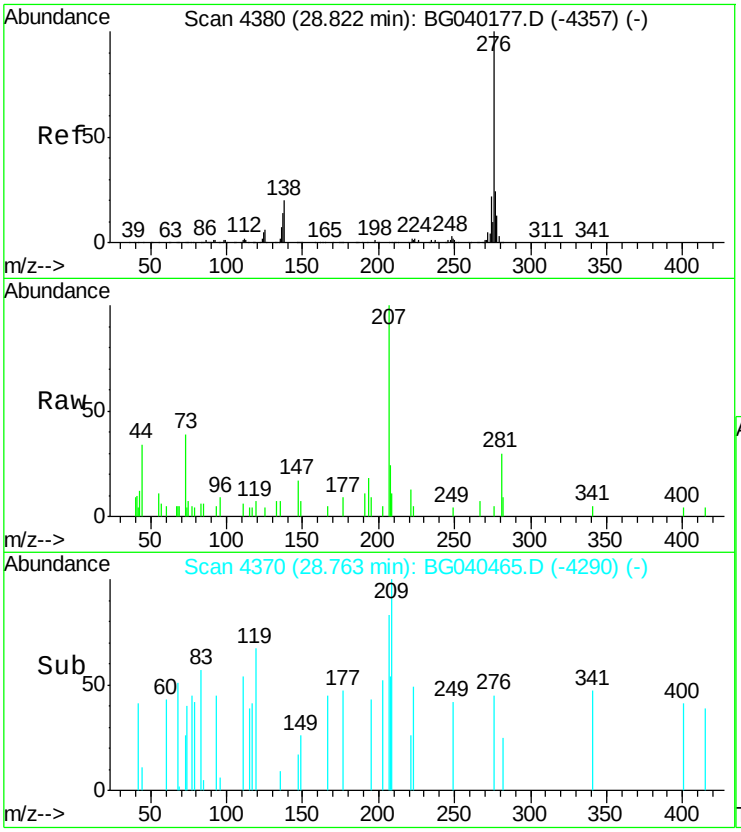


#85
Di-n-octyl phthalate
Concen: 0.026 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:149 Resp: 561

Ion	Ratio	Lower	Upper
149	100		
167	23.0	1.4	2.0#
43	0.0	8.7	13.1#



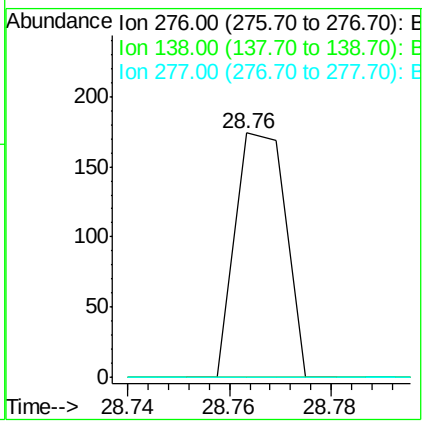


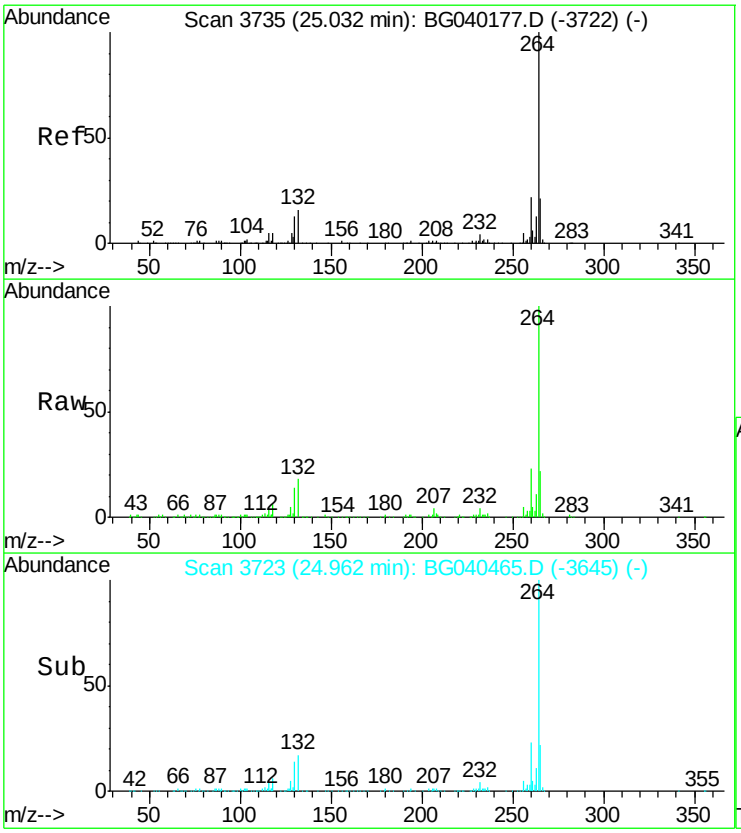
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.06 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 121

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.8	28.2#
277	0.0	21.0	31.4#

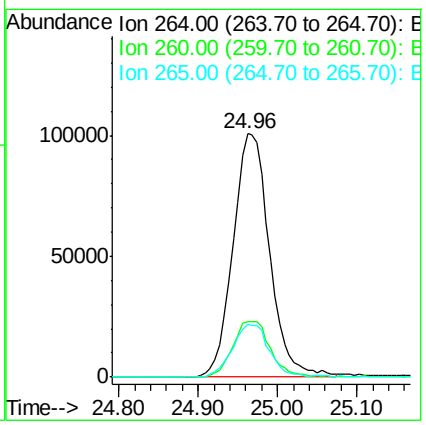


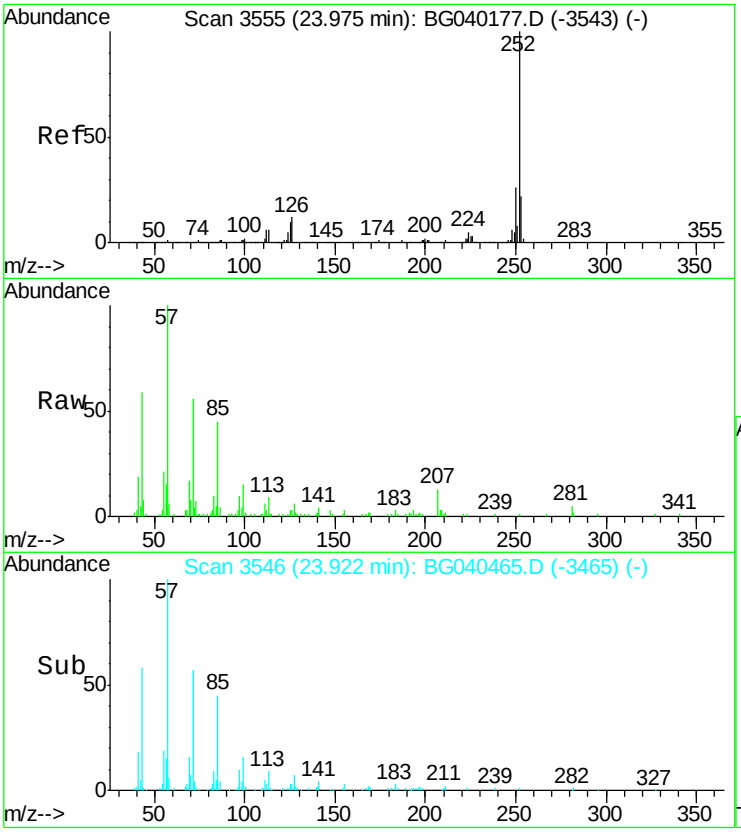


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:264 Resp: 321693

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.8	16.8	25.2



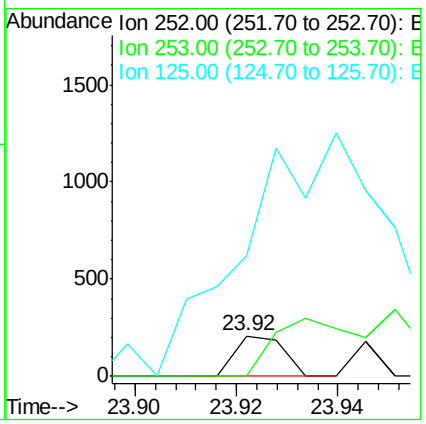


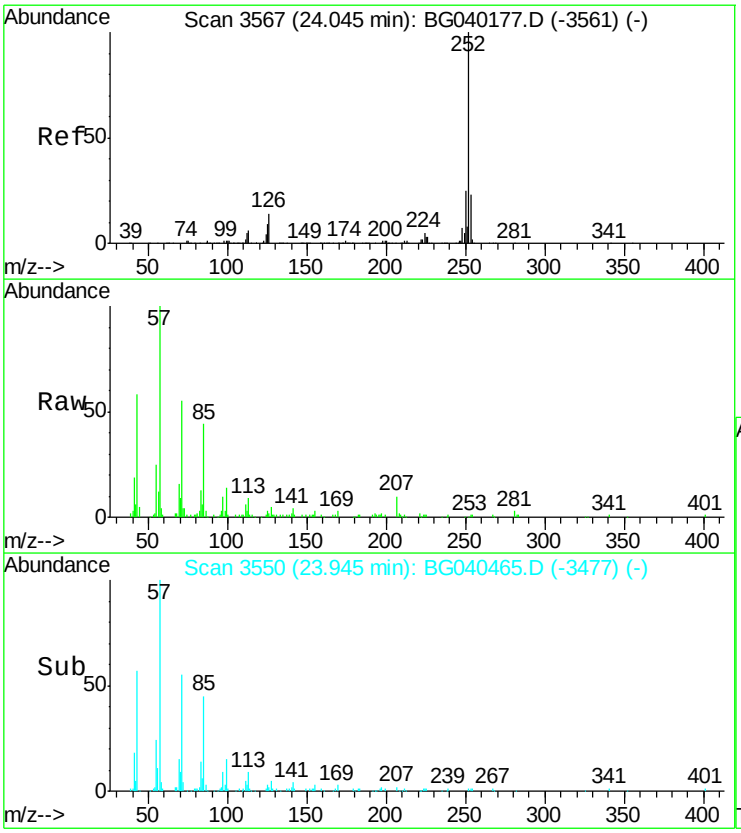
#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 140

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	296.2	8.2	12.4#

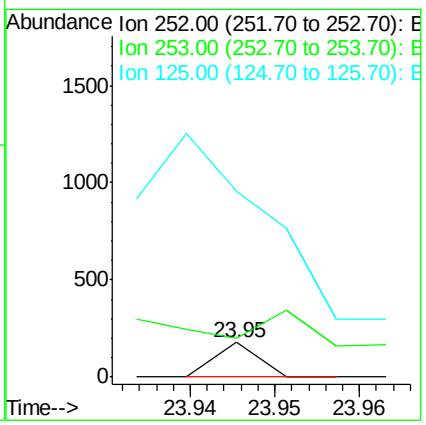


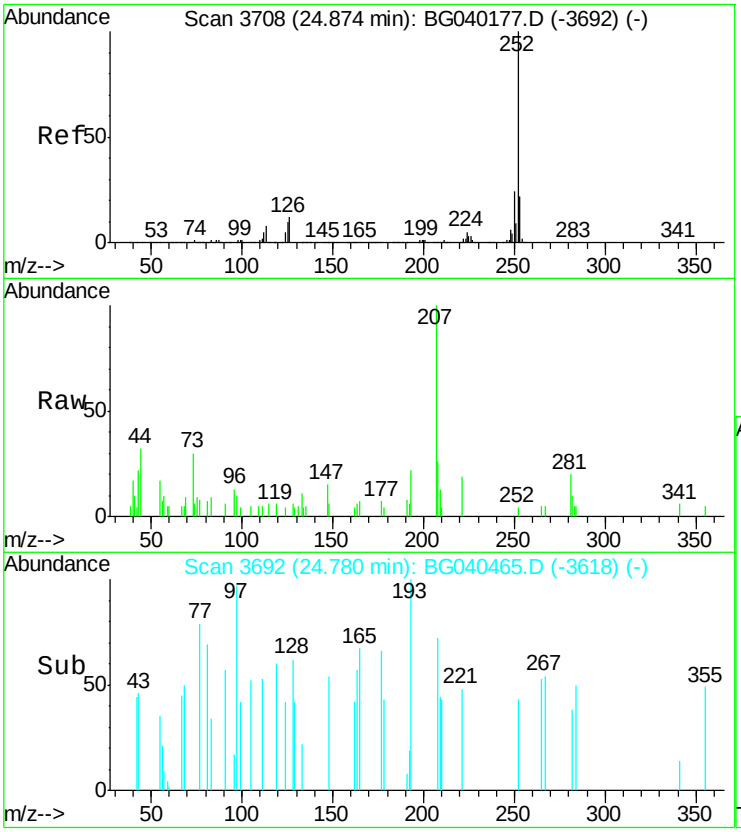


#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.10 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:252 Resp: 63

Ion	Ratio	Lower	Upper
252	100		
253	112.3	18.6	28.0#
125	534.1	7.3	10.9#



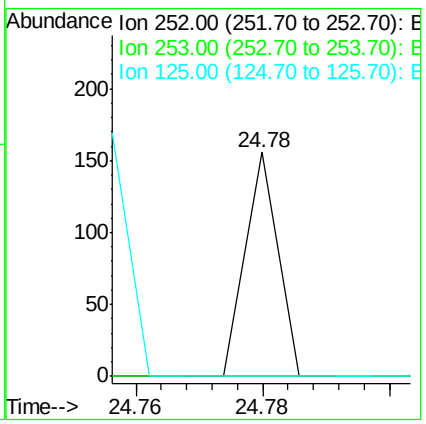


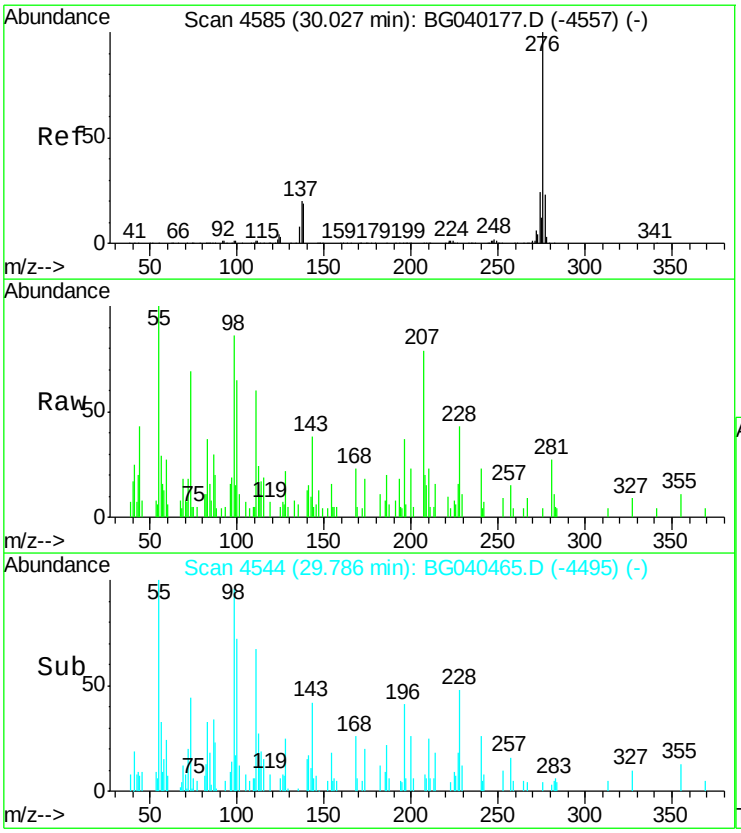
#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.09 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 55

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.24 min
Lab File: BG040465.D
Acq: 12 Apr 2019 17:29

Tgt Ion:276 Resp: 60

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	0.0	15.2	22.8#