Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040421.D
Acq On : 10 Apr 2019 19:00
Operator : JU/SJ
Sample : K2342-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 11 01:41:29 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	8.04	152	69975	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	280893	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	169964	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	408059	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	403181	20.00	ng		-0.04
87) Perylene-d12	24.98	264	410399	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	278612	66.19	ng		-0.01
7) Phenol-d6	7.20	99	251181	43.18	ng		-0.02
23) Nitrobenzene-d5	9.22	82	488824	92.50	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	272707	148.46	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1075495	93.76	ng		-0.03
79) Terphenyl-d14	20.02	244	1566826	87.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	254	0.128	ng	#	1
3) Pyridine	3.99	79	56	0.011	ng	#	1
4) n-Nitrosodimethylamine	3.83	42	475	0.193	ng	#	1
6) Aniline	7.56	93	302	0.040	ng	#	1
8) 2-Chlorophenol	7.59	128	175	0.036	ng	#	1
9) Benzaldehyde	7.21	77	1069	0.268	ng	#	41
10) Phenol	7.23	94	1691	0.268	ng	#	58
11) bis(2-Chloroethyl)ether	7.56	93	302	0.060	ng	#	1
12) 1,3-Dichlorobenzene	8.08	146	80	0.015	ng	#	29
13) 1,4-Dichlorobenzene	8.08	146	80	0.015	ng	#	25
14) 1,2-Dichlorobenzene	8.41	146	102	0.020	ng	#	25
15) Benzyl Alcohol	8.37	79	7692	1.642	ng	#	42
16) 2,2'-oxybis(1-Chloropropan	8.85	45	64	0.007	ng		73
18) Hexachloroethane	8.64	117	65	0.032	ng	#	1
19) n-Nitroso-di-n-propylamine	9.22	70	62583	15.005	ng	#	76
20) 3+4-Methylphenols	8.87	107	63	0.011	ng	#	21
22) Acetophenone	9.20	105	63	0.009	ng	#	41
24) Nitrobenzene	9.27	77	57	0.010	ng	#	38
27) 2,4-Dimethylphenol	10.22	122	65	0.016	ng	#	1
28) bis(2-Chloroethoxy)methane	10.26	93	113	0.018	ng	#	1
30) 1,2,4-Trichlorobenzene	10.73	180	55	0.011	ng	#	13
31) Naphthalene	10.90	128	749	0.052	ng	#	68
32) Benzoic acid	10.22	122	65	0.026	ng	#	81
33) 4-Chloroaniline	10.92	127	57	0.009	ng	#	45
35) Caprolactam	11.70	113	63	0.036	ng	#	21
36) 4-Chloro-3-methylphenol	12.14	107	65	0.013	ng	#	20
37) 2-Methylnaphthalene	12.51	142	63	0.006	ng	#	15
38) 1-Methylnaphthalene	12.72	142	54	0.005	ng	#	6
46) 1,1'-Biphenyl	13.51	154	1781	0.133	ng		80
47) 2-Chloronaphthalene	13.69	162	72	0.007	ng	#	39
48) 2-Nitroaniline	13.85	65	62	0.018	ng	#	4
49) Acenaphthylene	14.29	152	54	0.003	ng	#	1
50) Dimethylphthalate	14.12	163	13977	1.051	ng		97
51) 2,6-Dinitrotoluene	14.68	165	21868	7.322	ng	#	26

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040421.D
Acq On : 10 Apr 2019 19:00
Operator : JU/SJ
Sample : K2342-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 11 01:41:29 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)
52) Acenaphthene	14.75	154	283	0.028	ng	#	60
53) 3-Nitroaniline	14.61	138	55	0.017	ng	#	2
55) Dibenzofuran	15.07	168	67	0.004	ng	#	47
56) 4-Nitrophenol	15.06	139	54	0.021	ng	#	5
57) 2,4-Dinitrotoluene	14.68	165	21868	5.269	ng	#	27
58) Fluorene	16.17	166	13108	1.037	ng	#	87
60) Diethylphthalate	15.46	149	452	0.033	ng	#	57
62) 4-Nitroaniline	15.72	138	61	0.018	ng	#	17
63) Azobenzene	16.02	77	65	0.005	ng	#	32
65) 4,6-Dinitro-2-methylphenol	16.16	198	696	0.304	ng		86
66) n-Nitrosodiphenylamine	16.17	169	10764	0.901	ng	#	46
67) 4-Bromophenyl-phenylether	16.16	248	21084	4.591	ng	#	1
71) Phenanthrene	17.47	178	1639	0.076	ng	#	87
72) Anthracene	17.57	178	407	0.019	ng	#	59
73) Carbazole	17.83	167	307	0.015	ng	#	59
74) Di-n-butylphthalate	18.36	149	814	0.034	ng	#	77
75) Fluoranthene	19.47	202	1012	0.040	ng		77
77) Benzidine	20.02	184	26111	1.793	ng		97
78) Pyrene	19.83	202	1310	0.049	ng	#	94
80) Butylbenzylphthalate	20.83	149	906	0.080	ng		92
81) Benzo(a)anthracene	21.68	228	1904	0.077	ng	#	75
82) 3,3'-Dichlorobenzidine	21.60	252	81	0.009	ng	#	26
83) Chrysene	21.68	228	1904	0.080	ng	#	73
84) Bis(2-ethylhexyl)phthalate	21.54	149	1313	0.081	ng	#	85
85) Di-n-octyl phthalate	22.77	149	348	0.013	ng	#	1
86) Indeno(1,2,3-cd)pyrene	28.78	276	54	0.002	ng	#	1
88) Benzo(b)fluoranthene	23.92	252	397	0.016	ng	#	1
89) Benzo(k)fluoranthene	24.01	252	203	0.009	ng	#	64
90) Benzo(a)pyrene	24.82	252	450	0.019	ng	#	59
91) Dibenzo(a,h)anthracene	28.84	278	71	0.003	ng	#	57
92) Benzo(g,h,i)perylene	29.97	276	63	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\BG041019\
Data File : BG040421.D
Acq On : 10 Apr 2019 19:00
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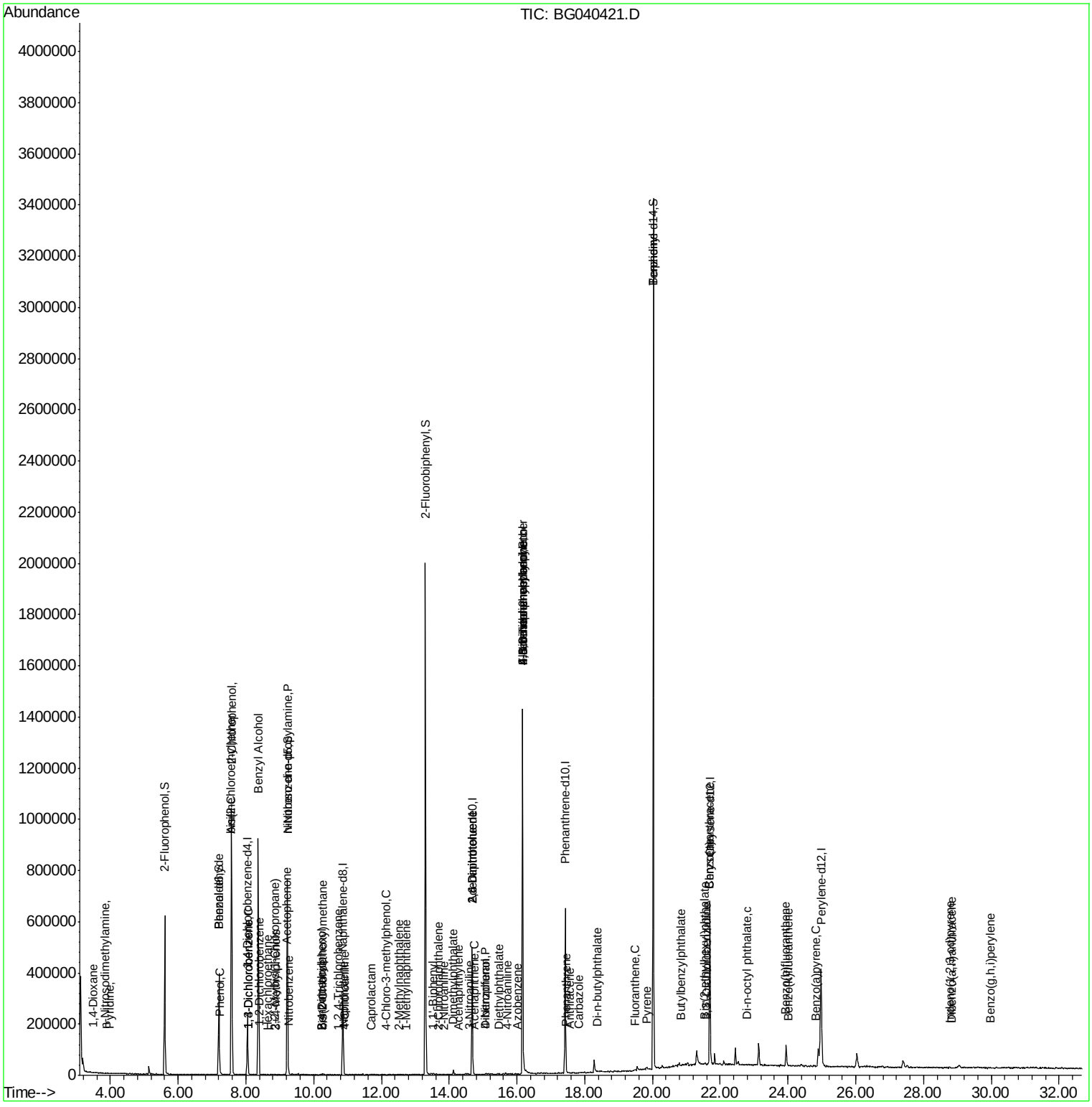
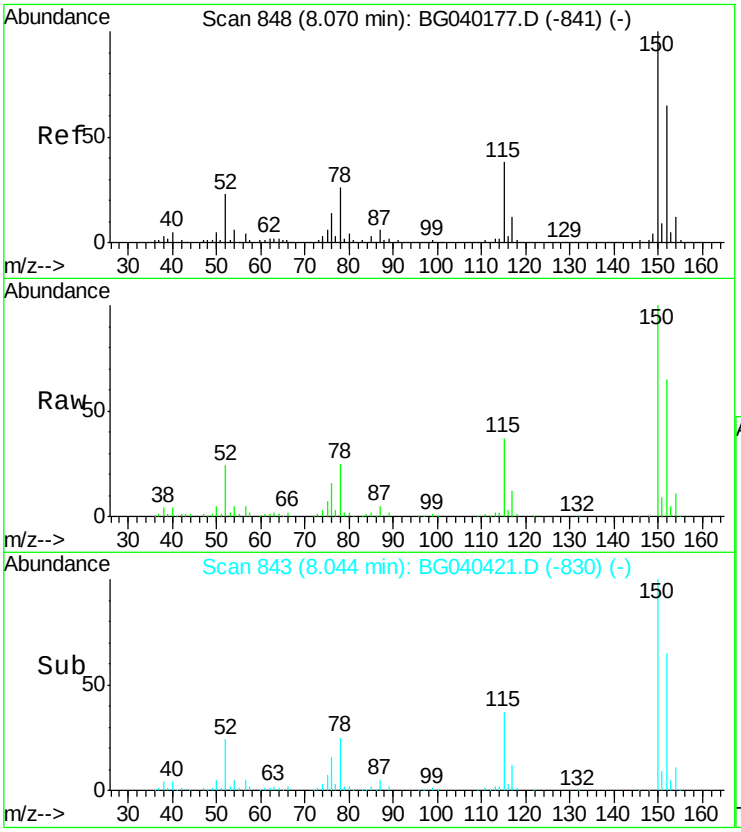
Sample : K2342-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 11 01:41:29 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



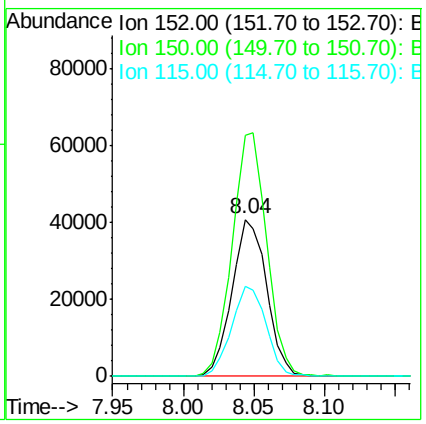


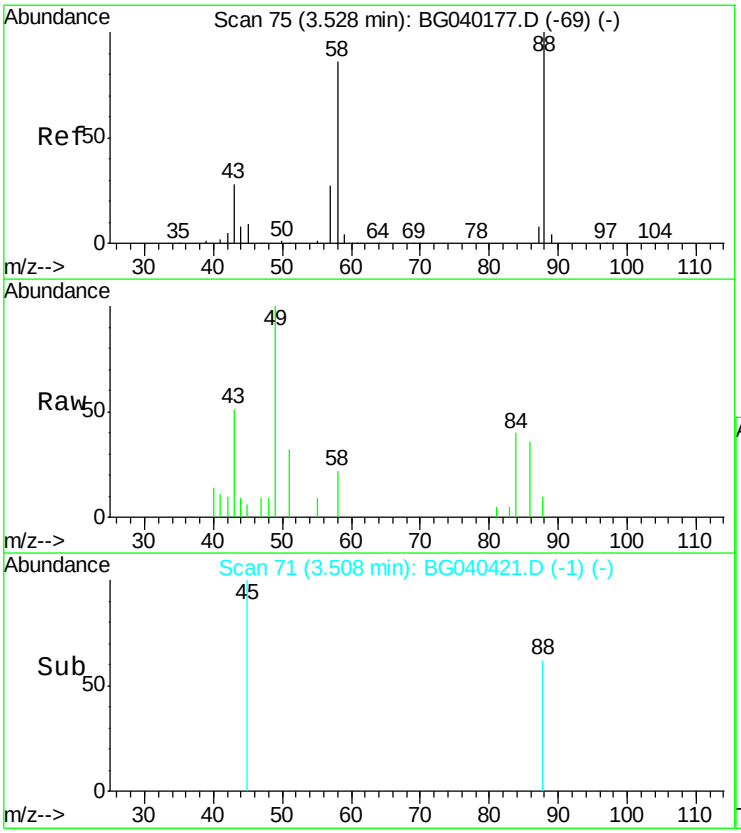
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 69975

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.7	185.5
115	57.2	46.9	70.3

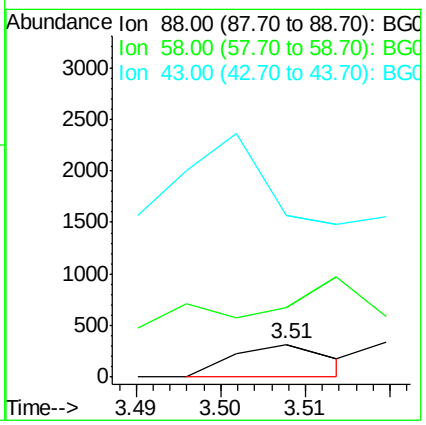


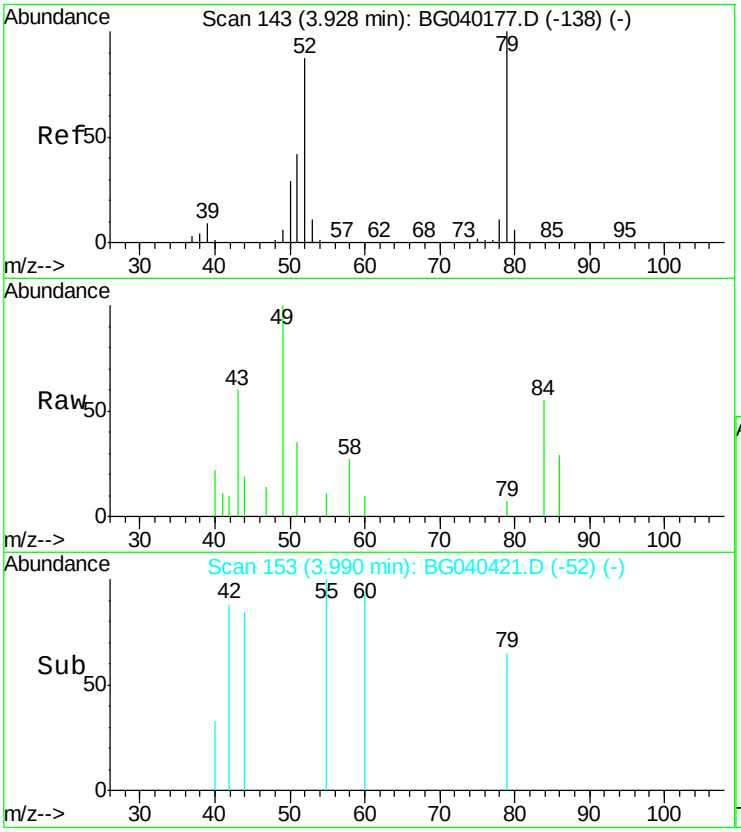


#2
1,4-Dioxane
Concen: 0.128 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion: 88 Resp: 254

Ion	Ratio	Lower	Upper
88	100		
58	510.2	70.6	106.0#
43	326.0	24.8	37.2#



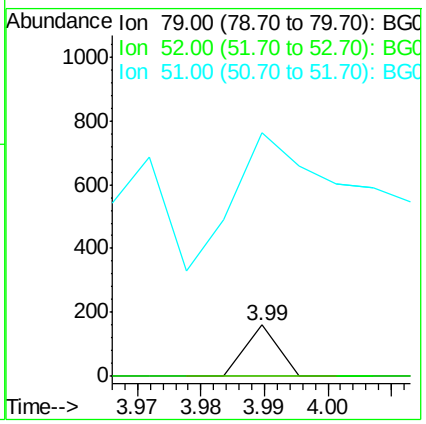


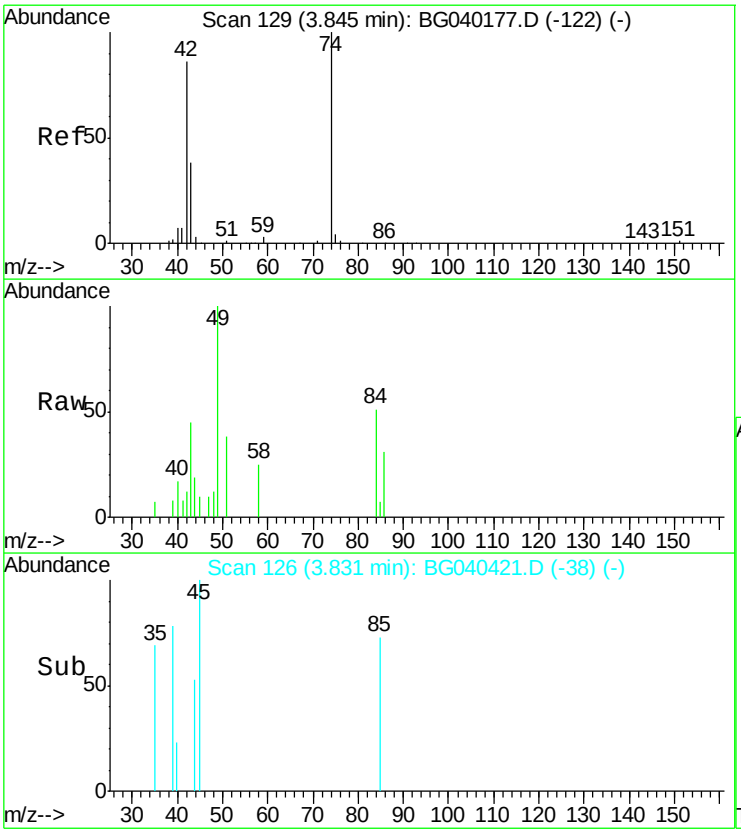
#3
Pyridine
Concen: 0.011 ng
RT: 3.99 min Scan# 153
Delta R.T. 0.06 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 56

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.8	104.8#
51	476.3	33.9	50.9#

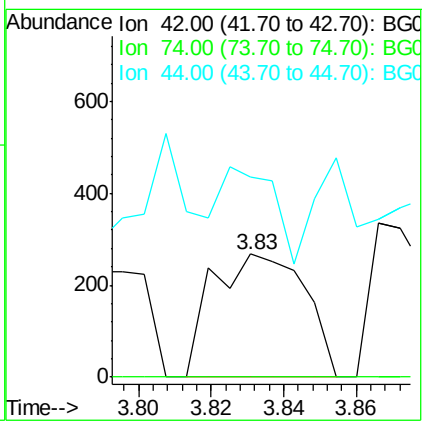


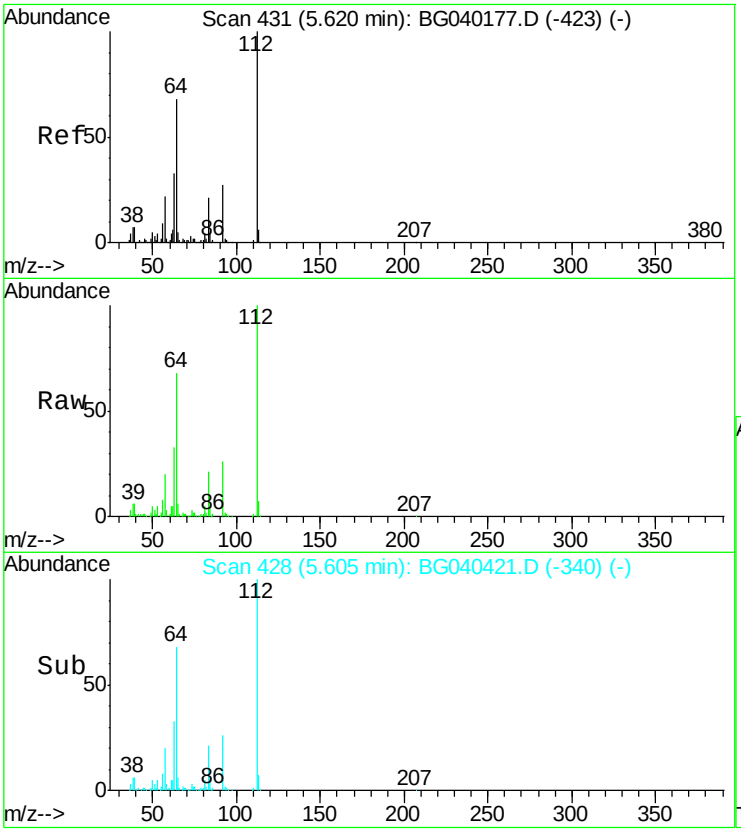


#4
n-Nitrosodimethylamine
Concen: 0.193 ng
RT: 3.83 min Scan# 126
Delta R.T. -0.01 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion: 42 Resp: 475

Ion	Ratio	Lower	Upper
42	100		
74	0.0	92.9	139.3#
44	162.7	9.7	14.5#



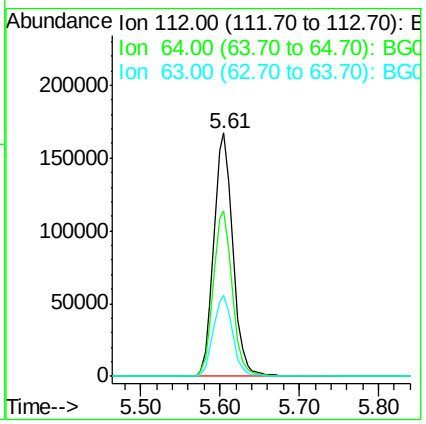


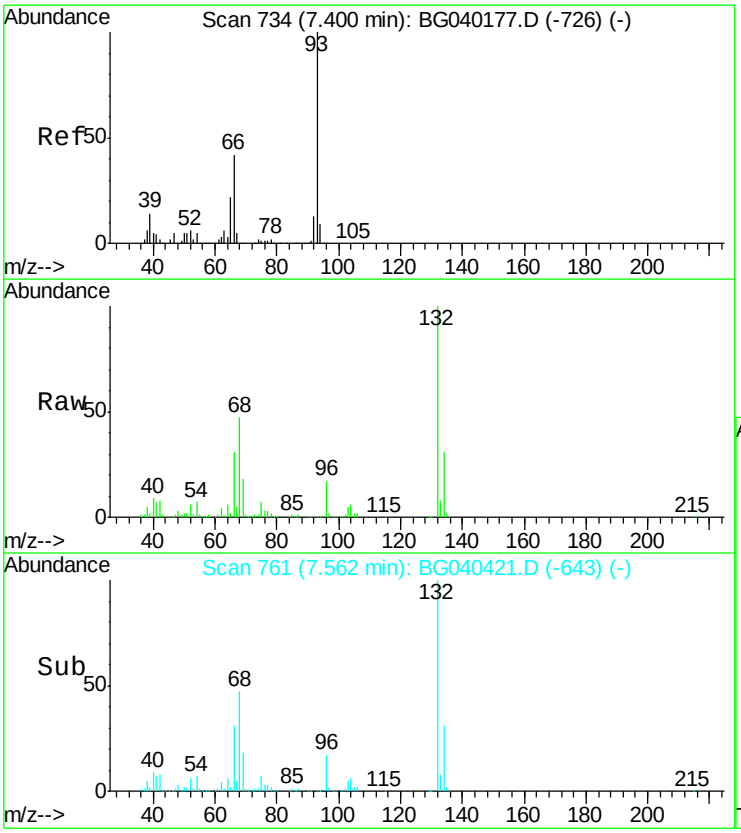
#5
2-Fluorophenol
Concen: 66.190 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 278612

Ion	Ratio	Lower	Upper
112	100		
64	68.2	54.2	81.2
63	33.2	26.4	39.6

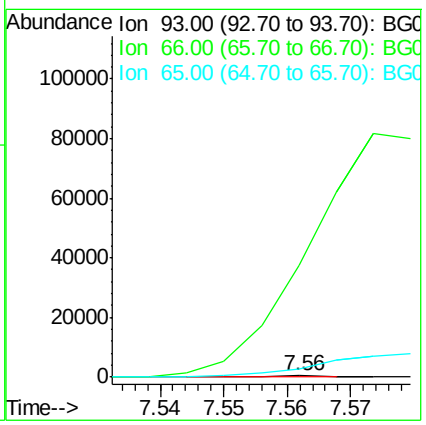


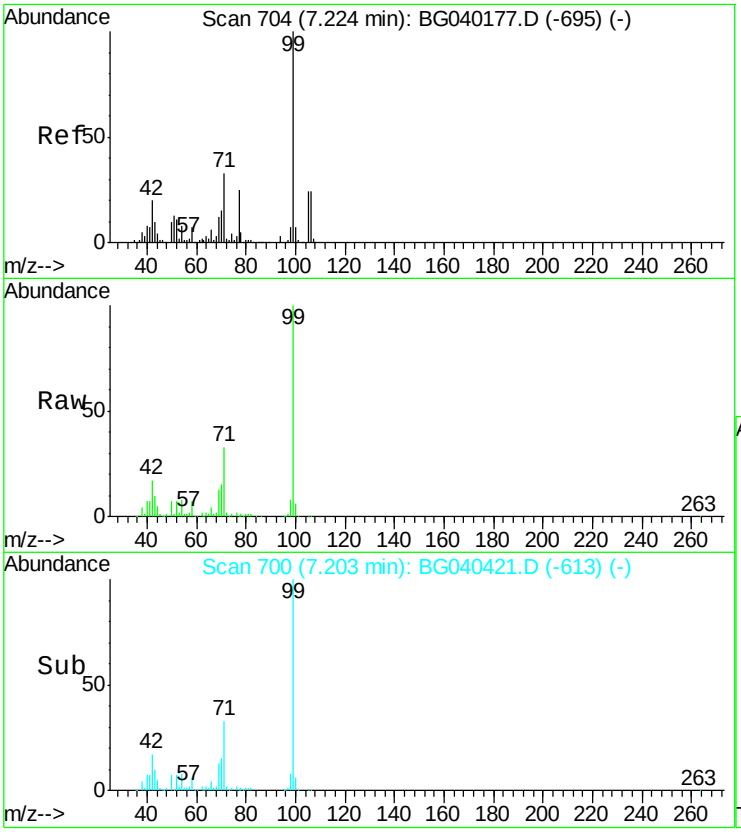


#6
Aniline
Concen: 0.040 ng
RT: 7.56 min Scan# 761
Delta R.T. 0.16 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion: 93 Resp: 302

Ion	Ratio	Lower	Upper
93	100		
66	8527.9	33.6	50.4#
65	648.1	17.4	26.2#



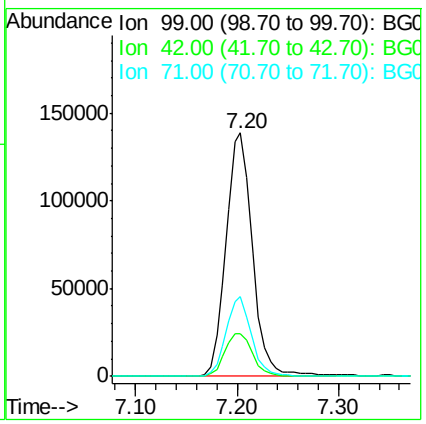


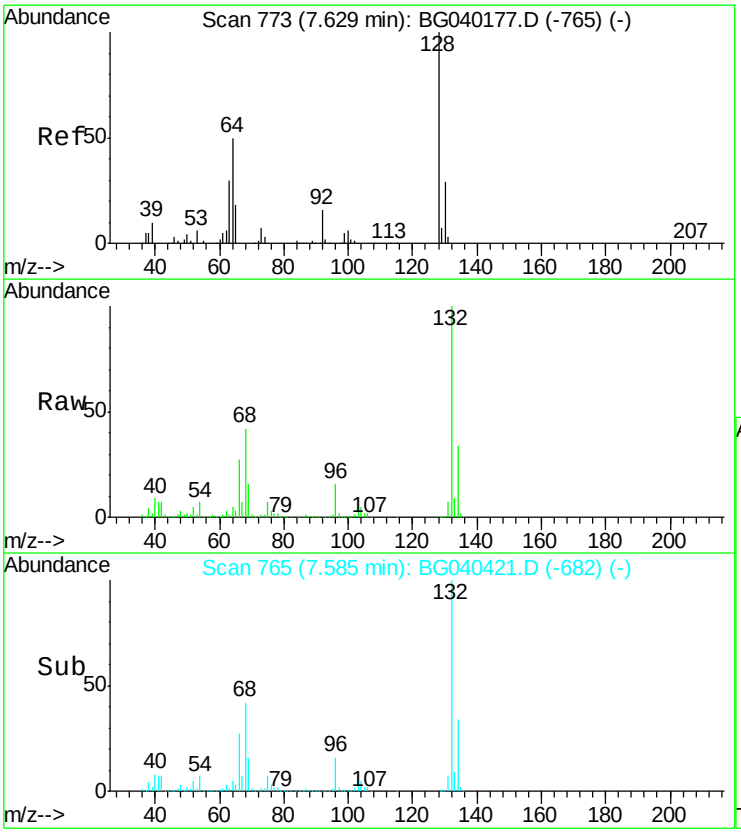
#7
Phenol-d6
Concen: 43.179 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 251181

Ion	Ratio	Lower	Upper
99	100		
42	17.3	16.2	24.2
71	32.5	26.8	40.2

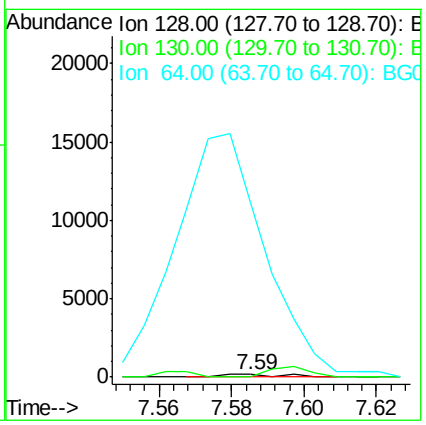


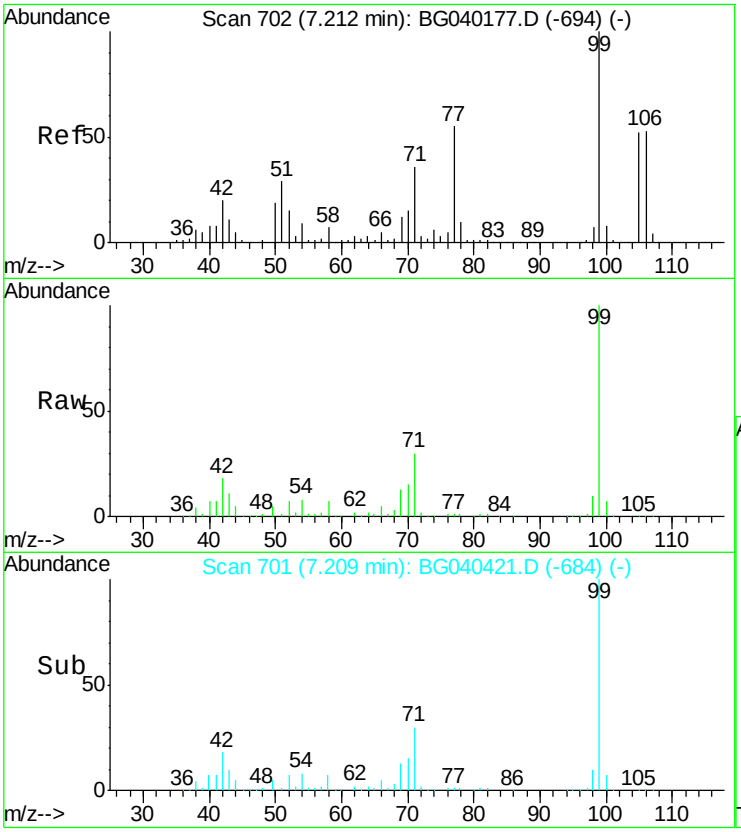


#8
2-Chlorophenol
Concen: 0.036 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:128 Resp: 175

Ion	Ratio	Lower	Upper
128	100		
130	0.0	9.1	49.1#
64	5949.7	33.1	73.1#



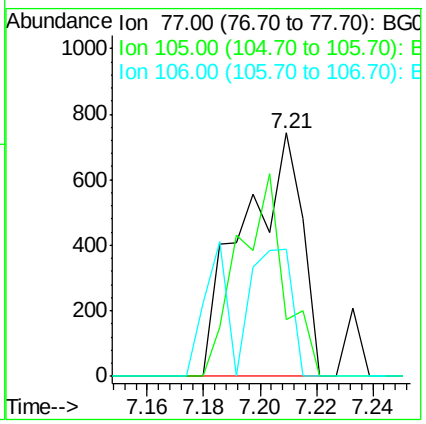


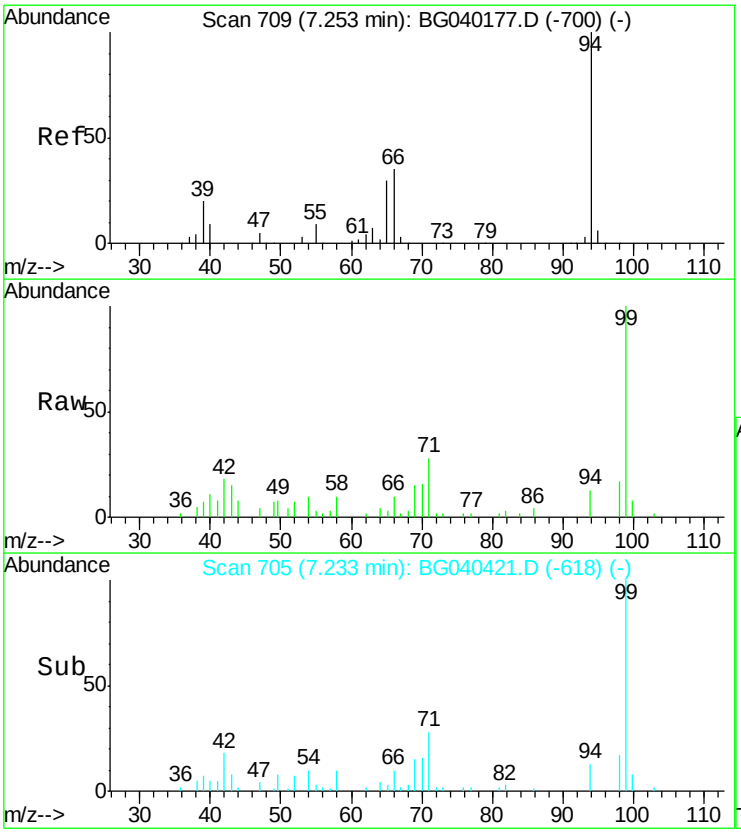
#9
Benzaldehyde
Concen: 0.268 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1069

Ion	Ratio	Lower	Upper
77	100		
105	23.1	75.0	115.0#
106	52.5	75.7	115.7#

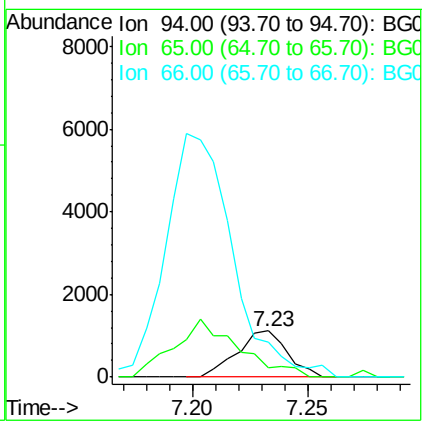


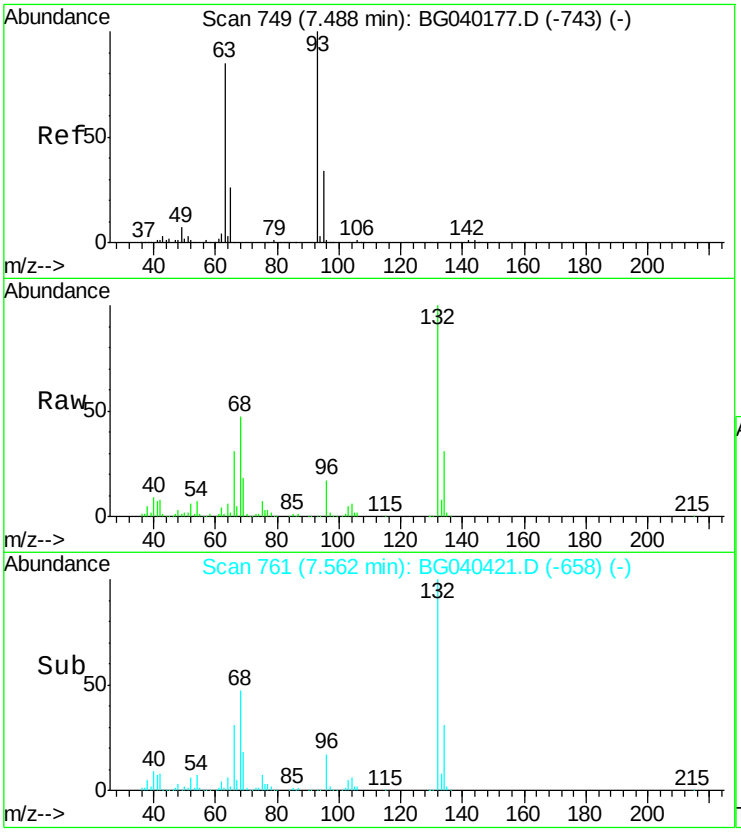


#10
Phenol
Concen: 0.268 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion: 94 Resp: 1691

Ion	Ratio	Lower	Upper
94	100		
65	21.3	10.5	50.5
66	74.1	16.9	56.9#



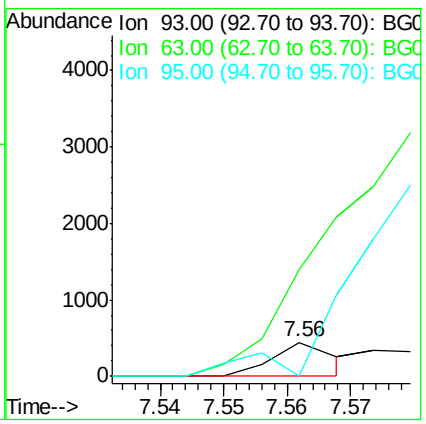


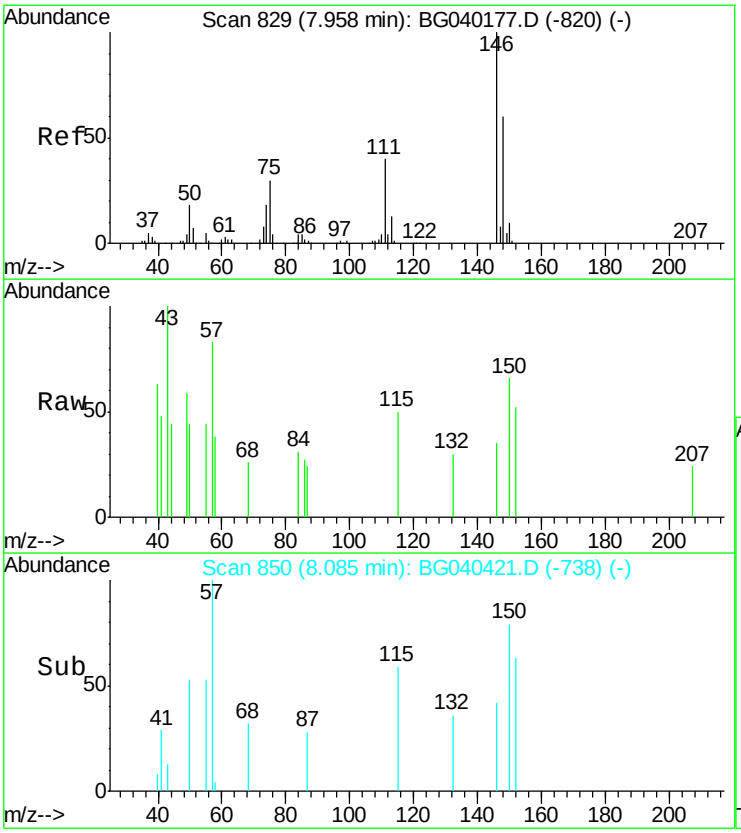
#11
bis(2-Chloroethyl)ether
Concen: 0.060 ng
RT: 7.56 min Scan# 761
Delta R.T. 0.07 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 302

Ion	Ratio	Lower	Upper
93	100		
63	316.3	64.2	104.2#
95	0.0	14.0	54.0#

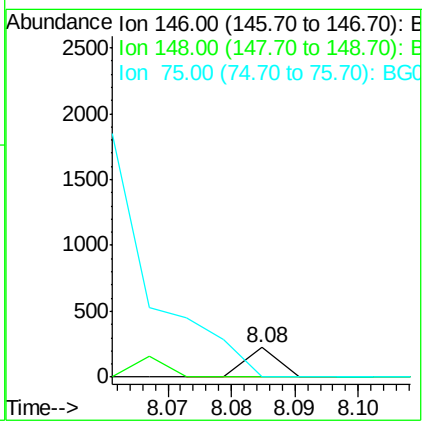


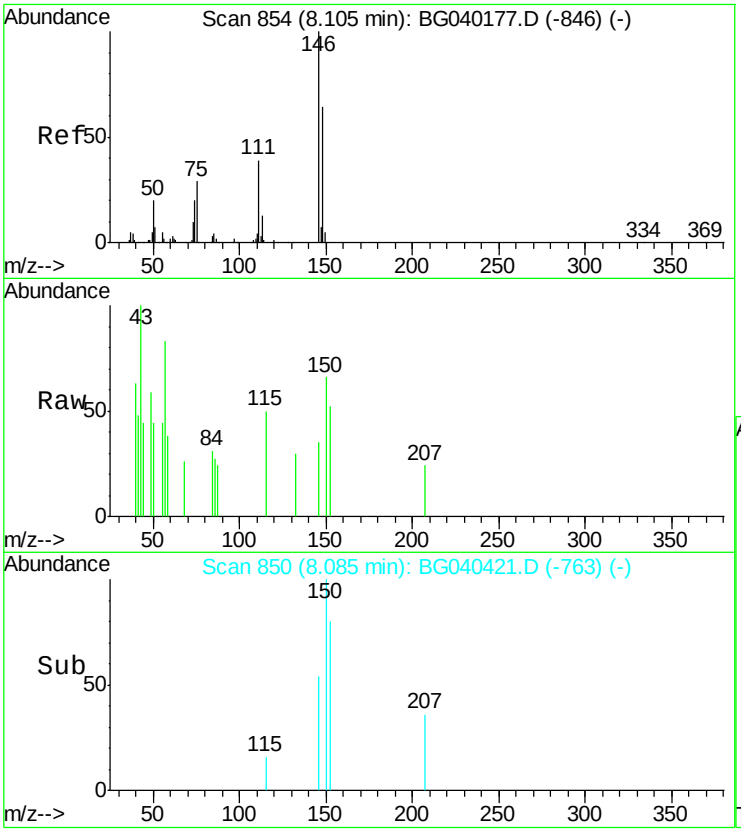


#12
1,3-Dichlorobenzene
Concen: 0.015 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.13 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:146 Resp: 80

Ion	Ratio	Lower	Upper
146	100		
148	0.0	48.2	72.2#
75	0.0	24.1	36.1#



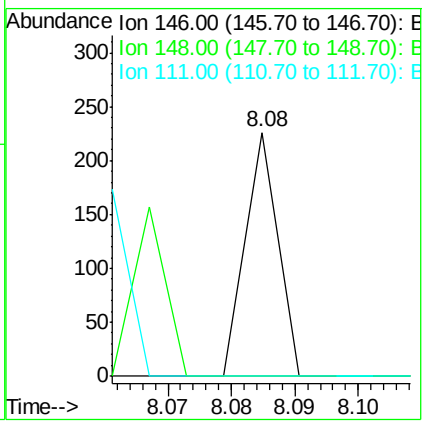


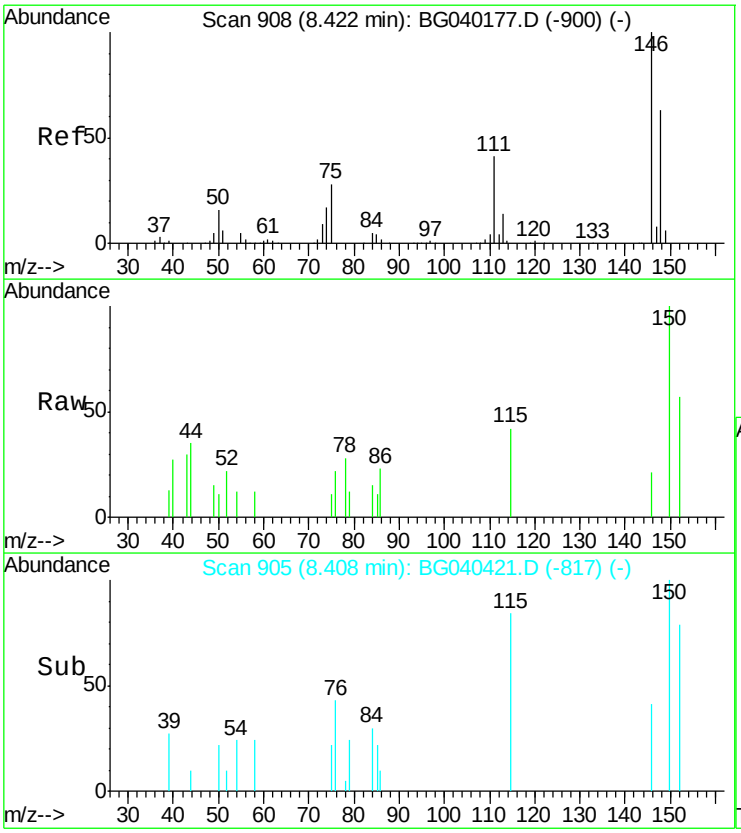
#13
1,4-Dichlorobenzene
Concen: 0.015 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 80

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.0	76.4#
111	0.0	31.8	47.6#

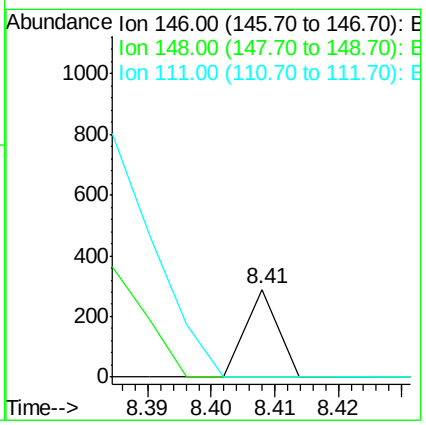


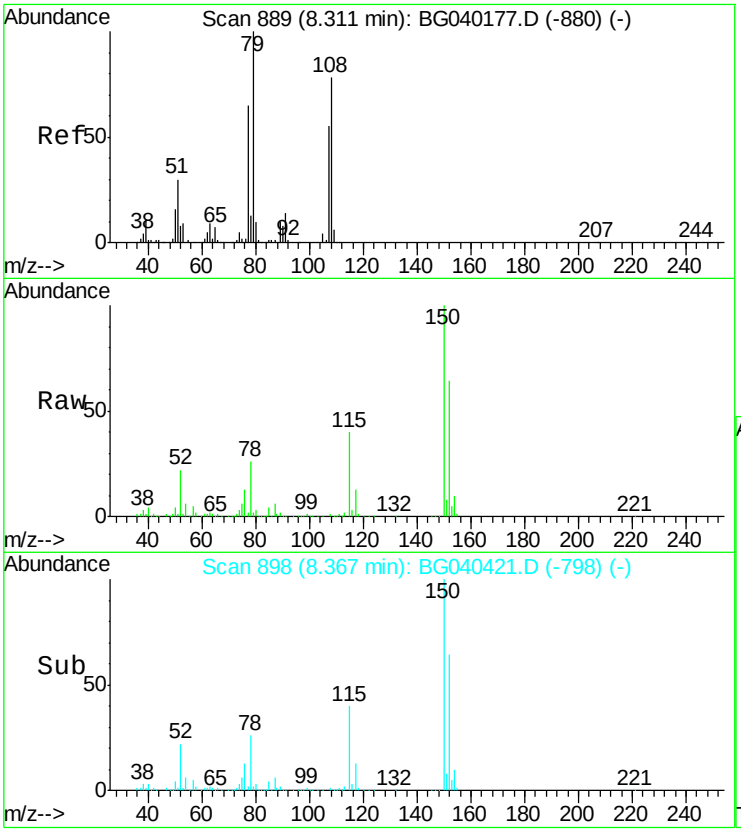


#14
1,2-Dichlorobenzene
Concen: 0.020 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:146 Resp: 102

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.8	76.2#
111	0.0	33.4	50.0#



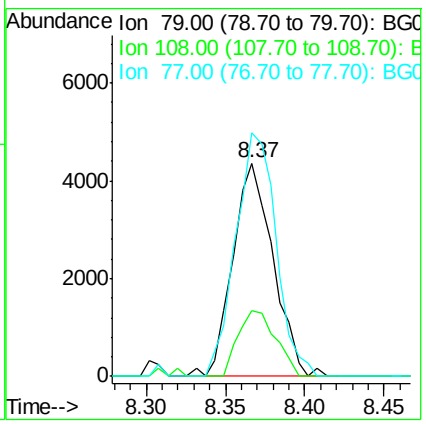


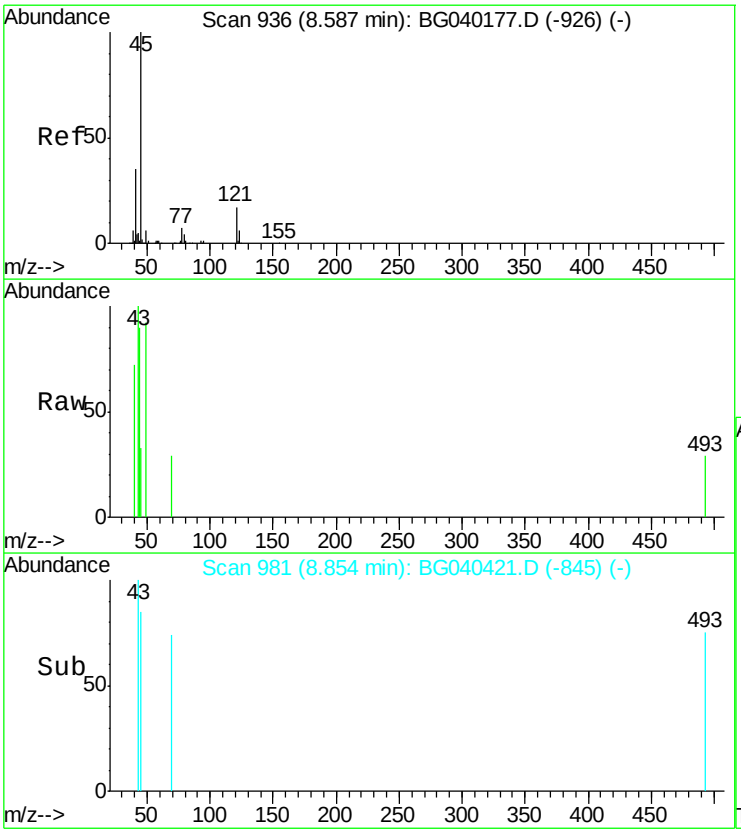
#15
Benzyl Alcohol
Concen: 1.642 ng
RT: 8.37 min Scan# 898
Delta R.T. 0.06 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 7692

Ion	Ratio	Lower	Upper
79	100		
108	30.5	62.1	93.1#
77	114.1	51.9	77.9#

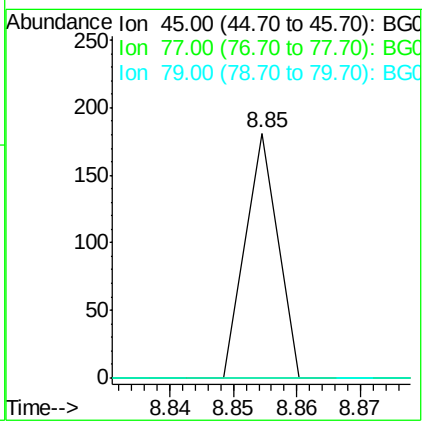


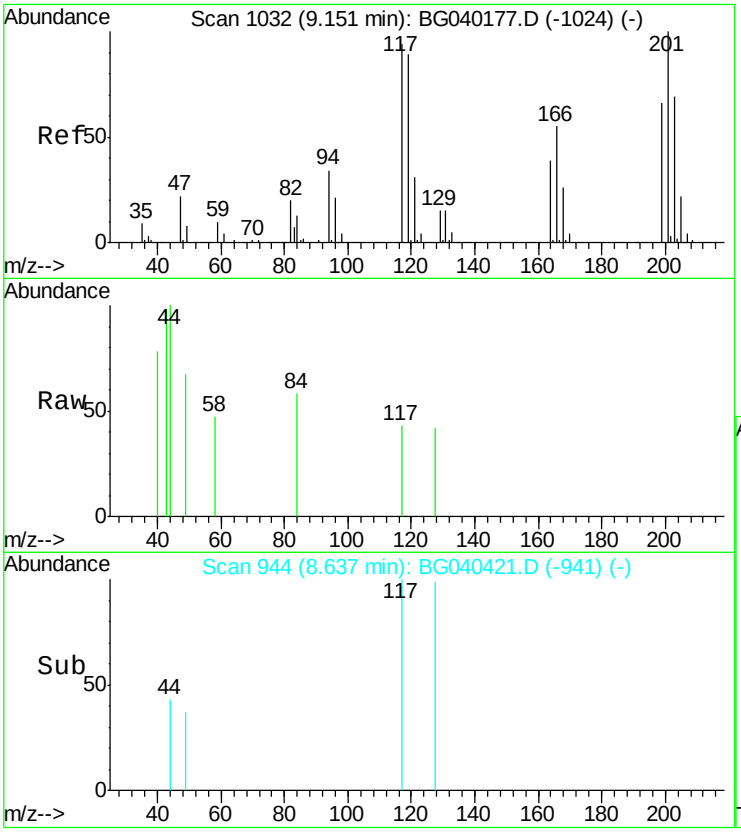


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.27 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion: 45 Resp: 64

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



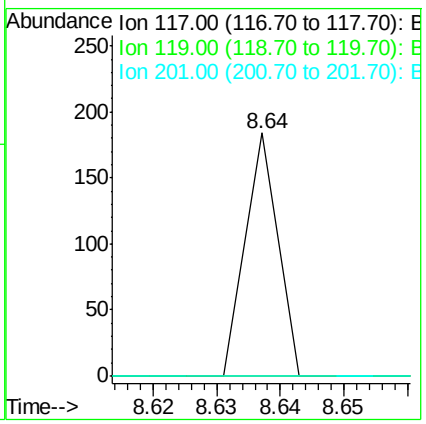


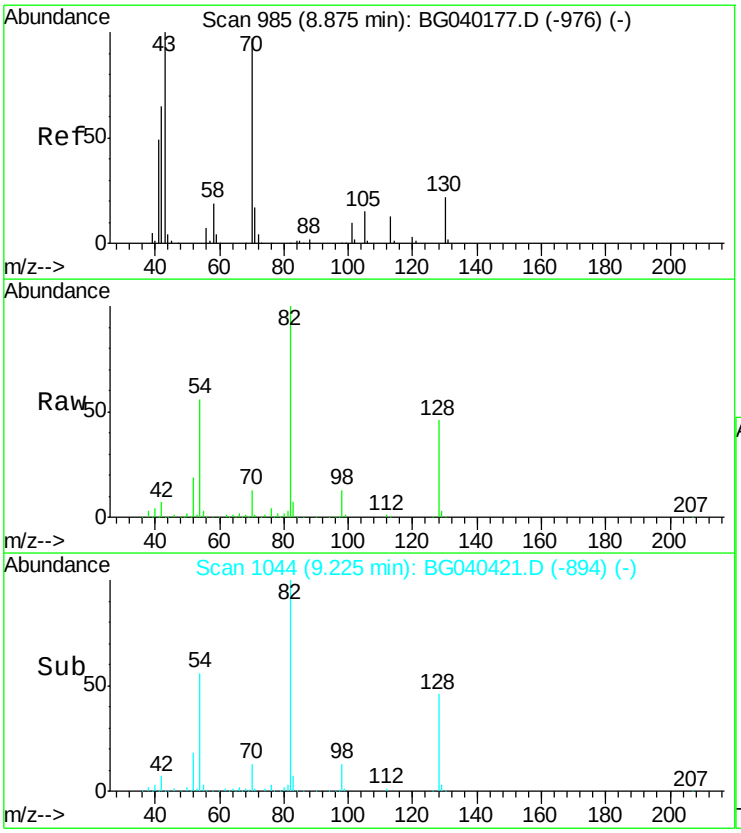
#18
Hexachloroethane
Concen: 0.032 ng
RT: 8.64 min Scan# 944
Delta R.T. -0.51 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 65

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
201	0.0	85.0	127.4#

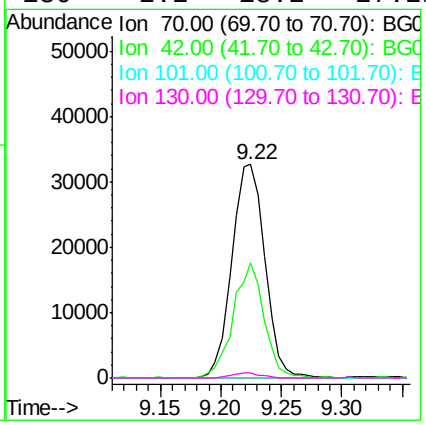


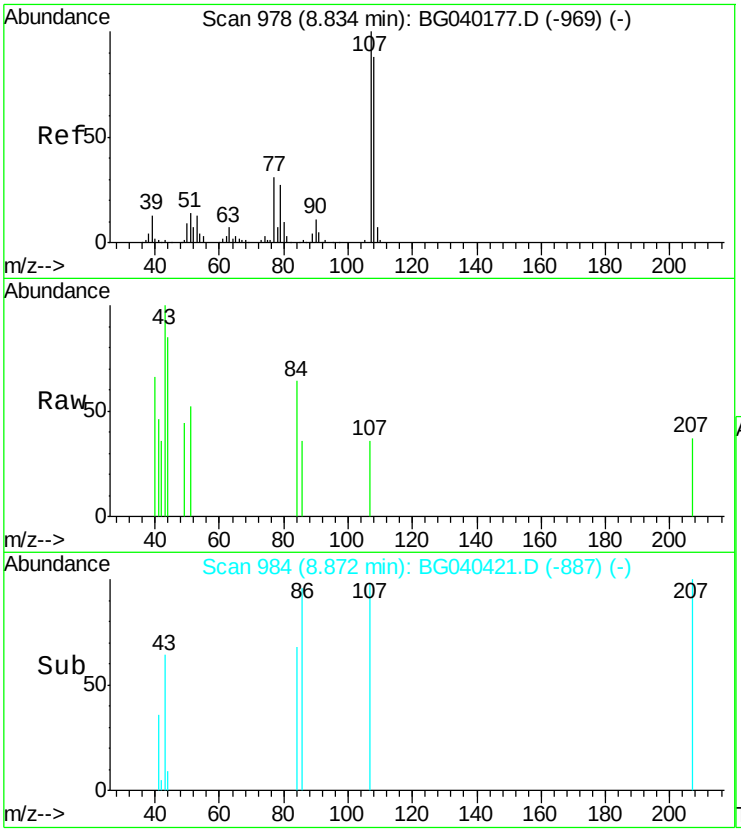


#19
n-Nitroso-di-n-propylamine
Concen: 15.005 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion: 70 Resp: 62583

Ion	Ratio	Lower	Upper
70	100		
42	54.0	54.0	81.0
101	0.0	8.6	13.0#
130	2.2	18.2	27.2#



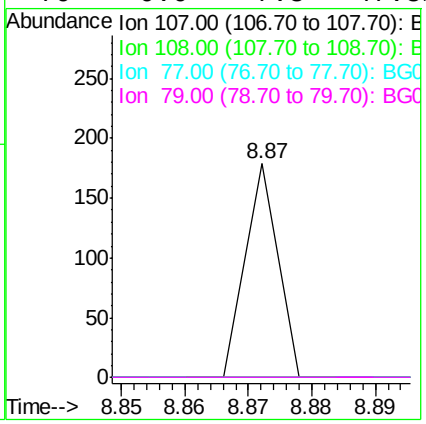


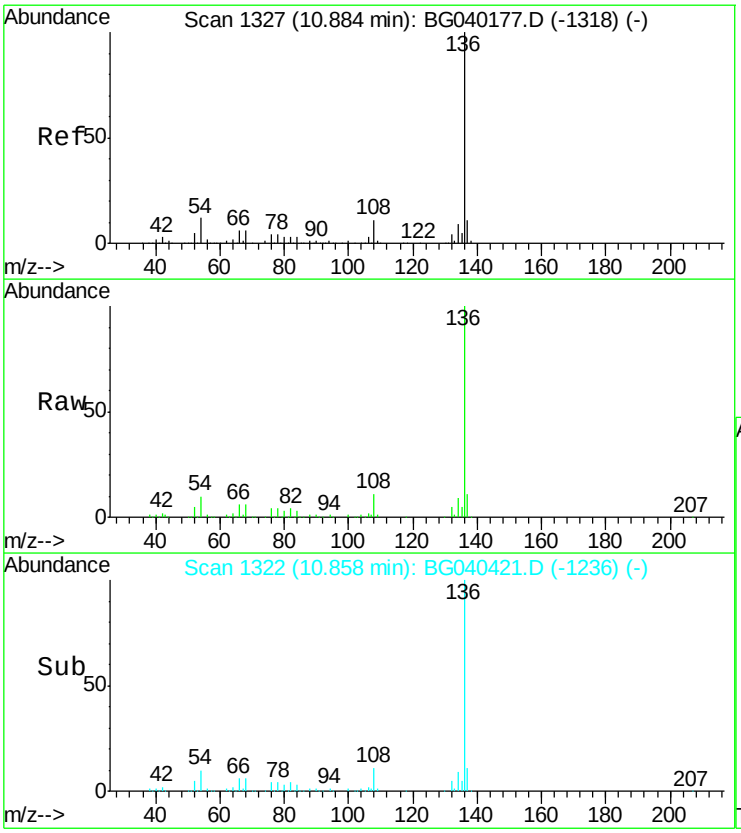
#20
3+4-Methylphenols
Concen: 0.011 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 63

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.3	108.3#
77	0.0	11.3	51.3#
79	0.0	7.3	47.3#

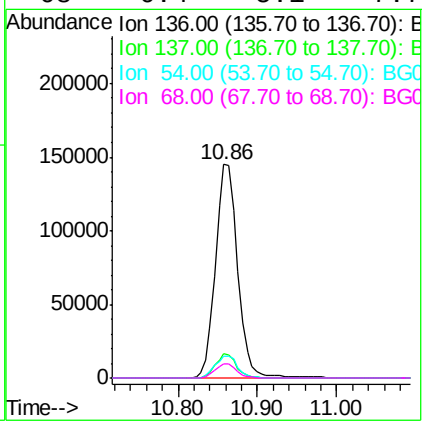


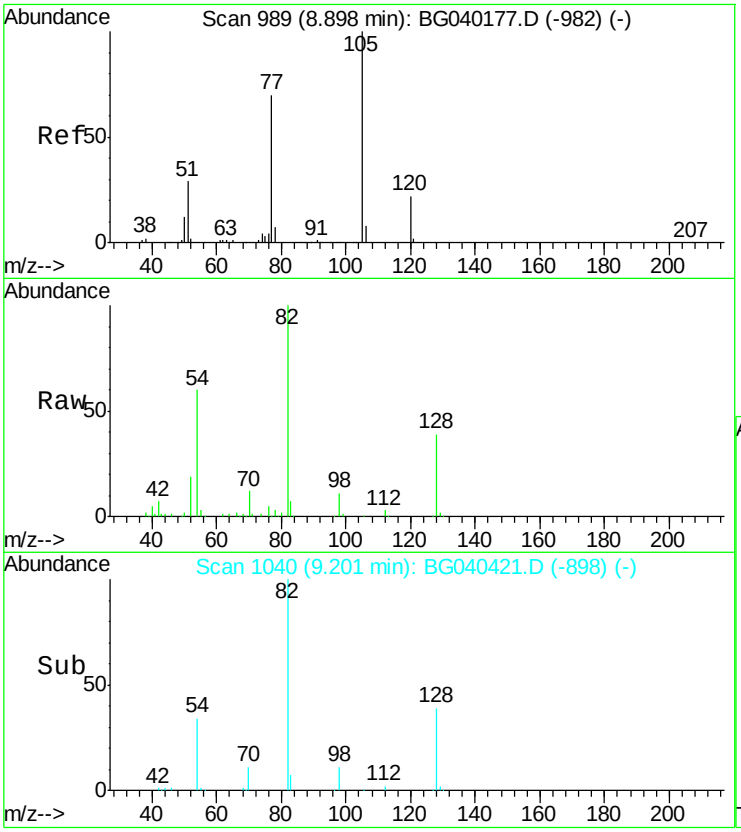


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:136 Resp: 280893

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.0	9.6	14.4
68	6.4	5.1	7.7



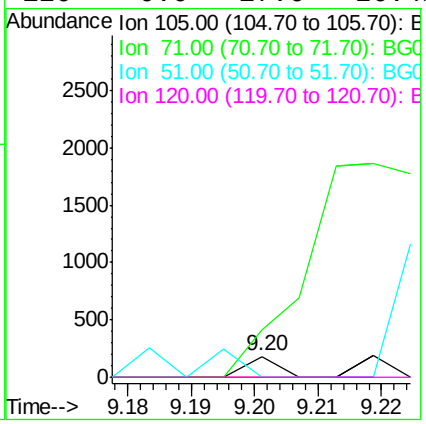


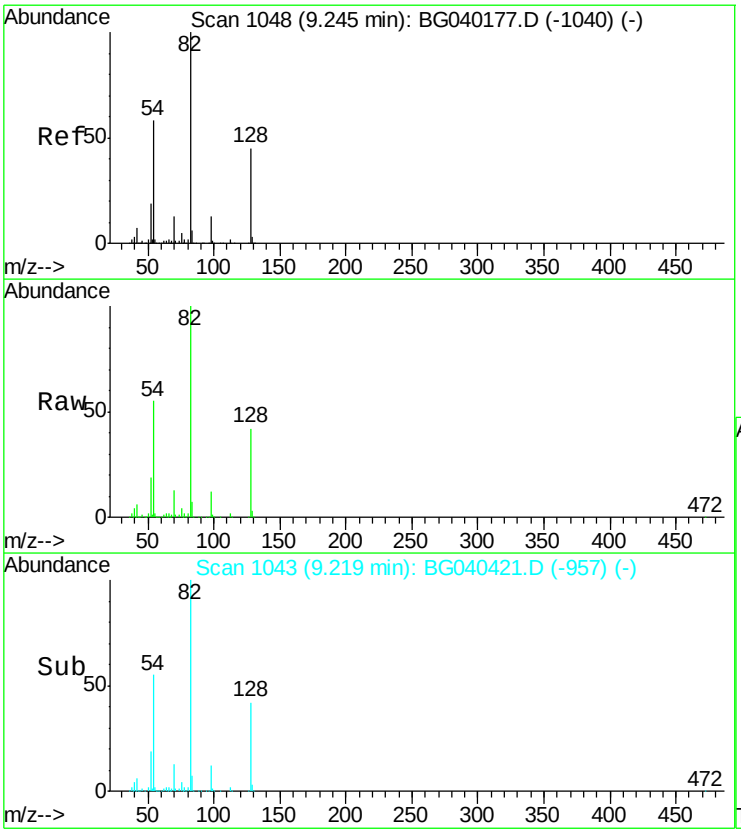
#22
Acetophenone
Concen: 0.009 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.30 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 63

Ion	Ratio	Lower	Upper
105	100		
71	233.0	0.6	1.0#
51	0.0	25.1	37.7#
120	0.0	17.6	26.4#

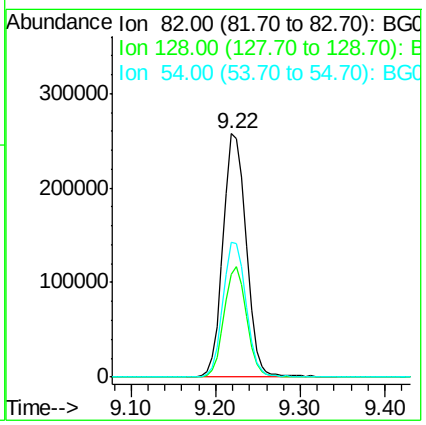


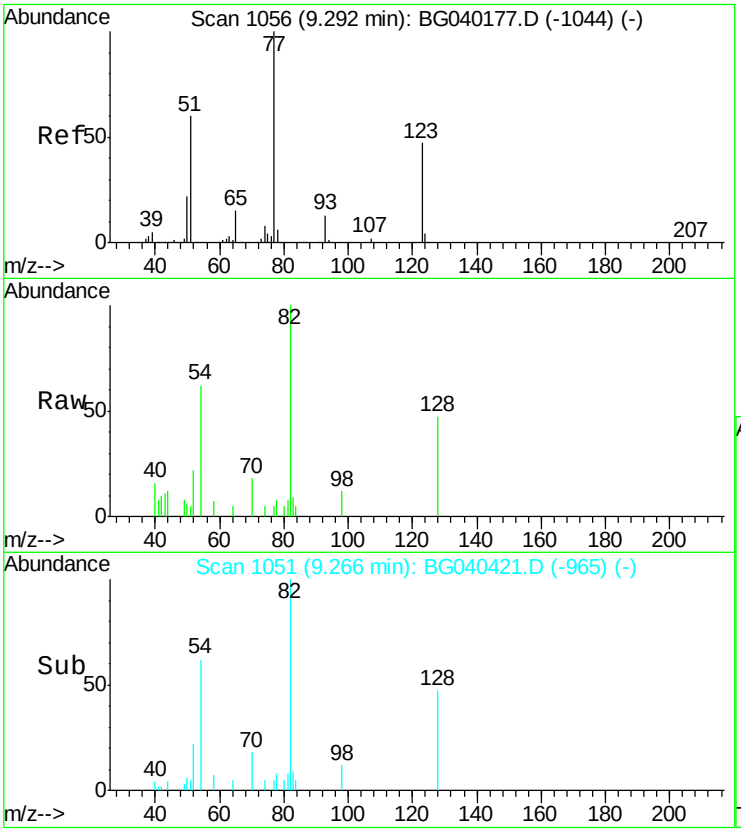


#23
Nitrobenzene-d5
Concen: 92.500 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion: 82 Resp: 488824

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.8	53.8
54	55.3	46.2	69.2



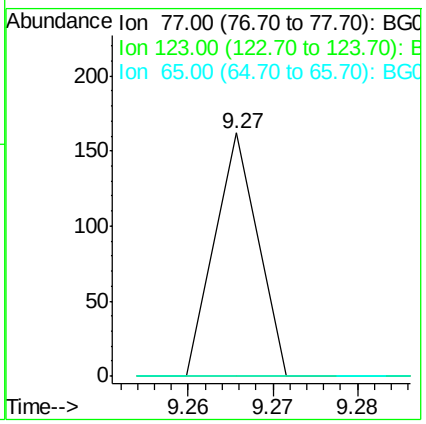


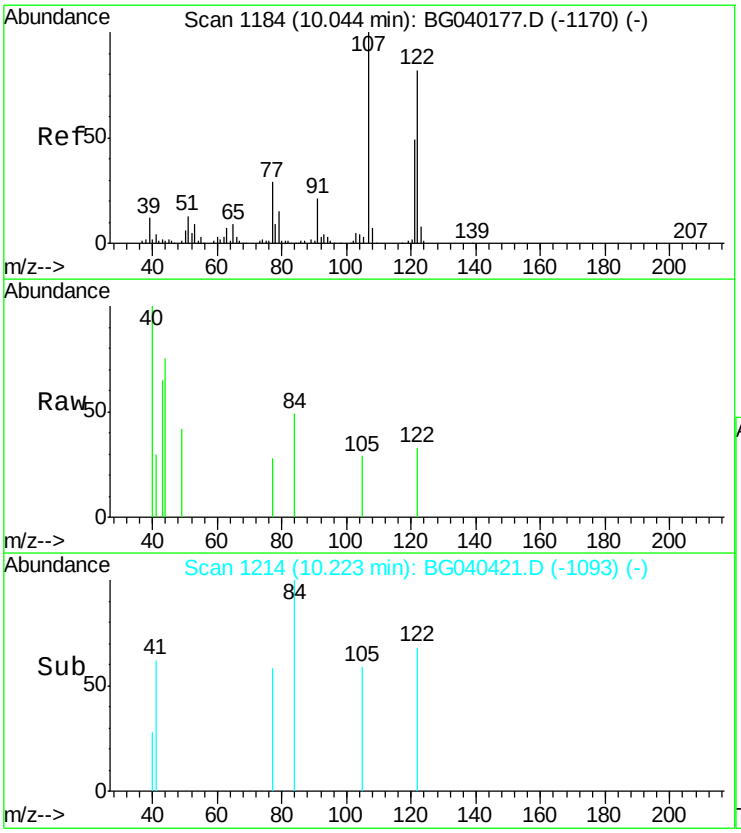
#24
Nitrobenzene
Concen: 0.010 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 57

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

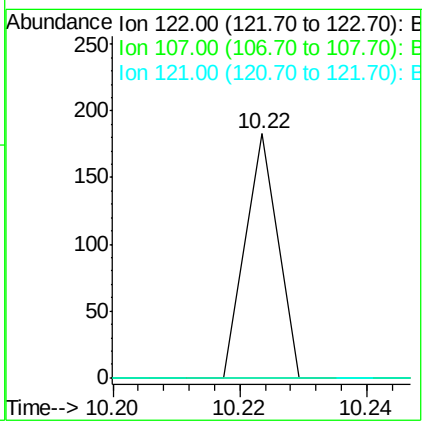


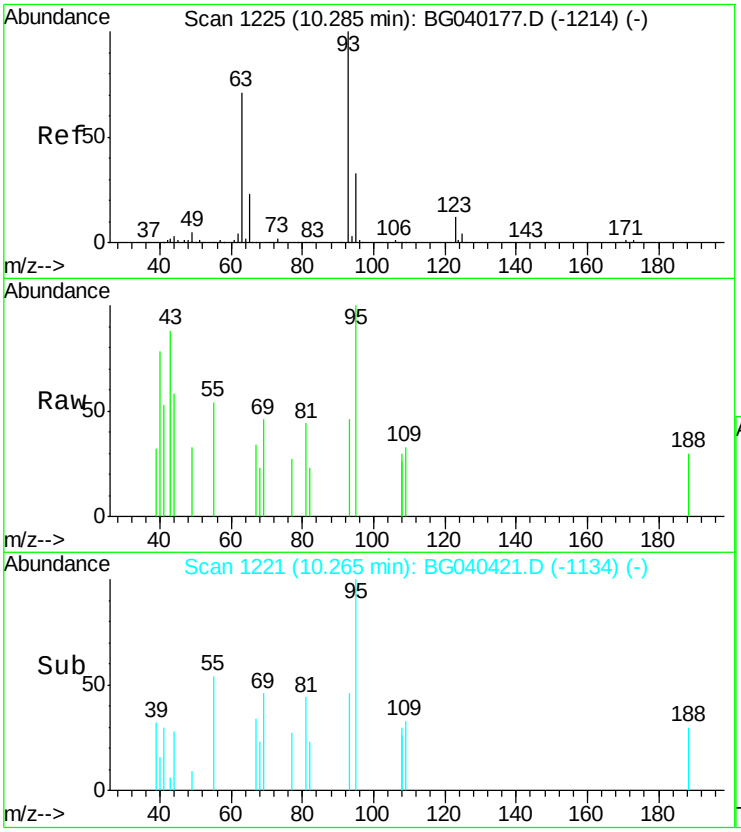


#27
2,4-Dimethylphenol
Concen: 0.016 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.18 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
107	0.0	97.4	146.2#
121	0.0	47.7	71.5#



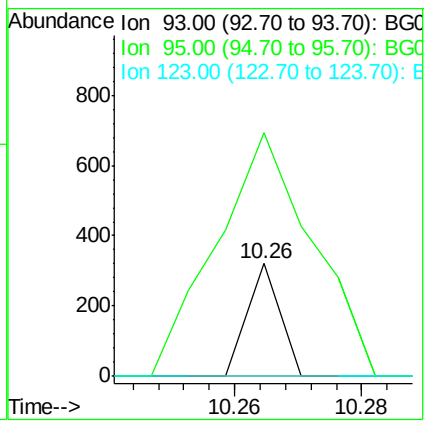


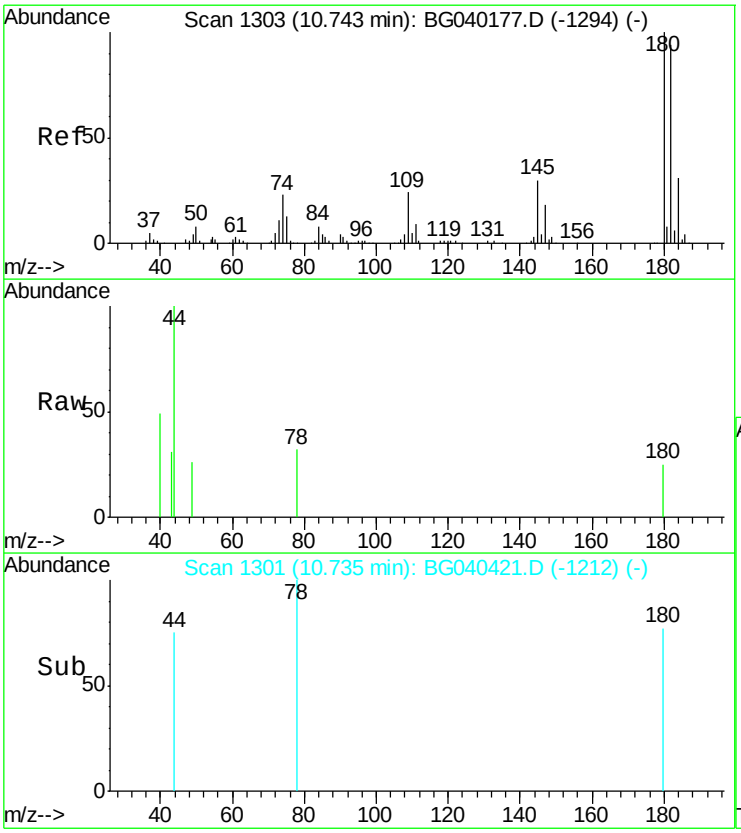
#28
bis(2-Chloroethoxy)methane
Concen: 0.018 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 113

Ion	Ratio	Lower	Upper
93	100		
95	216.6	26.2	39.4#
123	0.0	9.4	14.0#

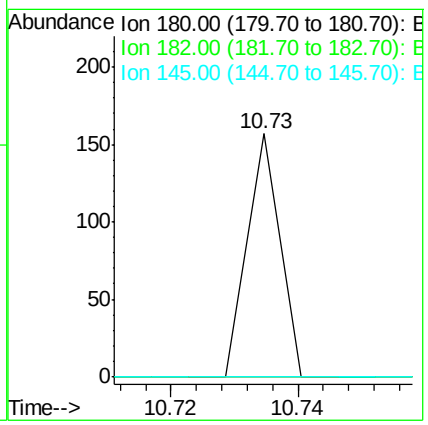


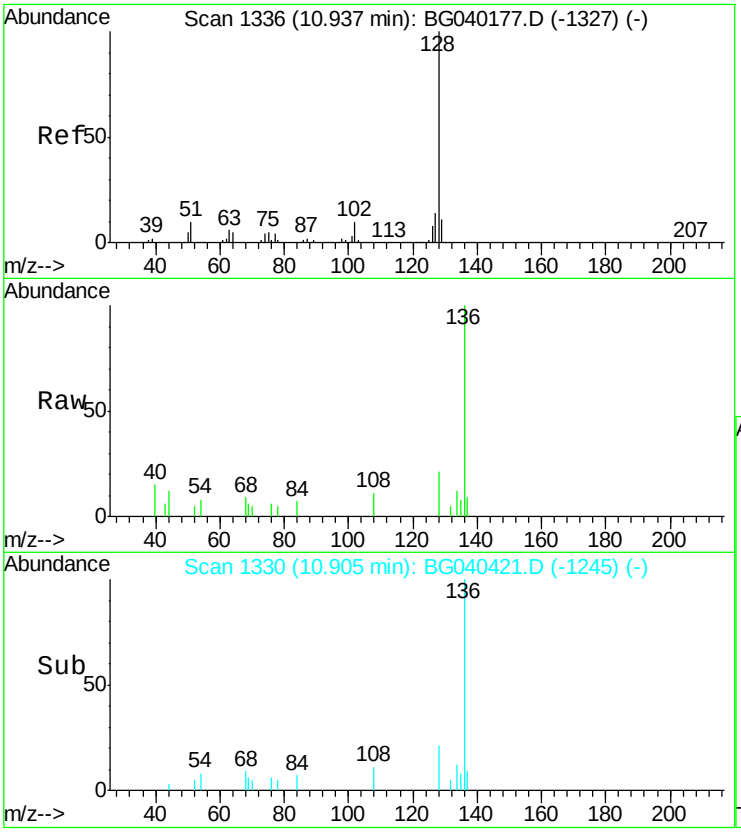


#30
1,2,4-Trichlorobenzene
Concen: 0.011 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:180 Resp: 55

Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.1	112.7#
145	0.0	24.1	36.1#



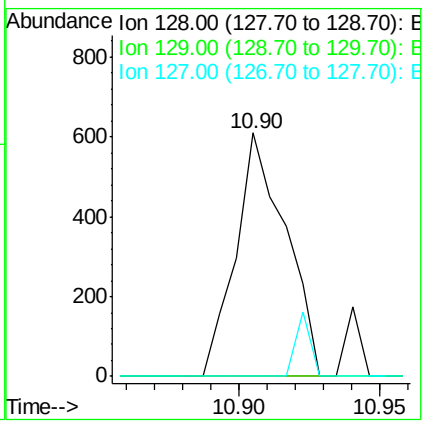


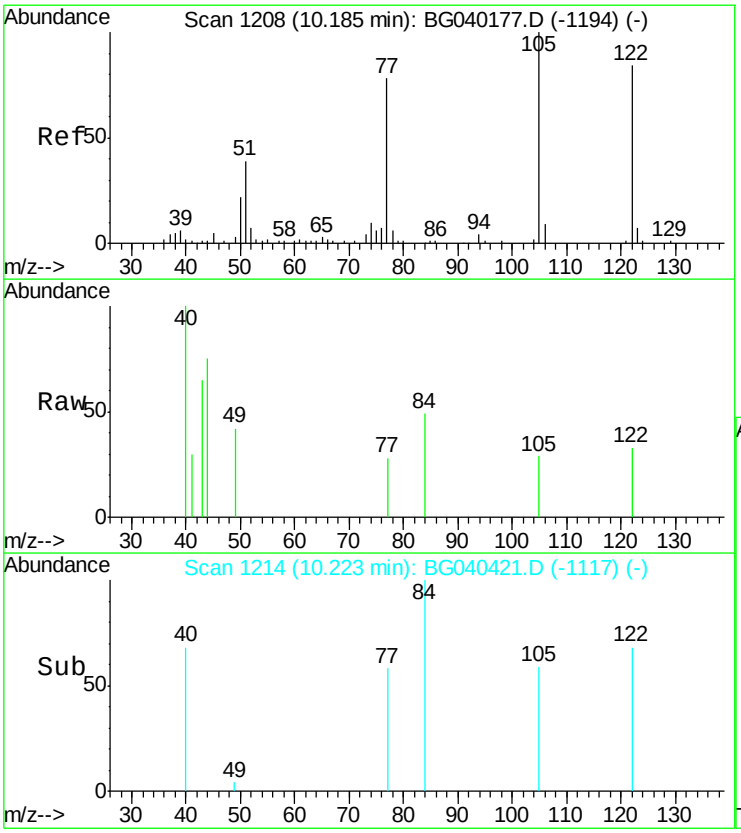
#31
Naphthalene
Concen: 0.052 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 749

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

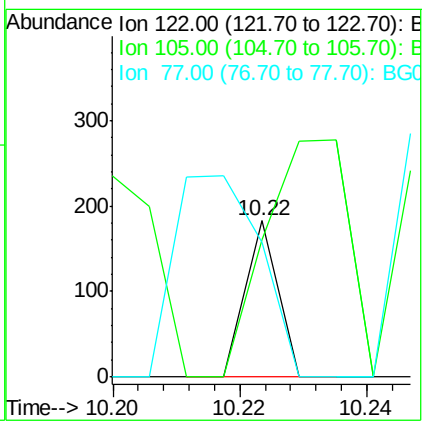


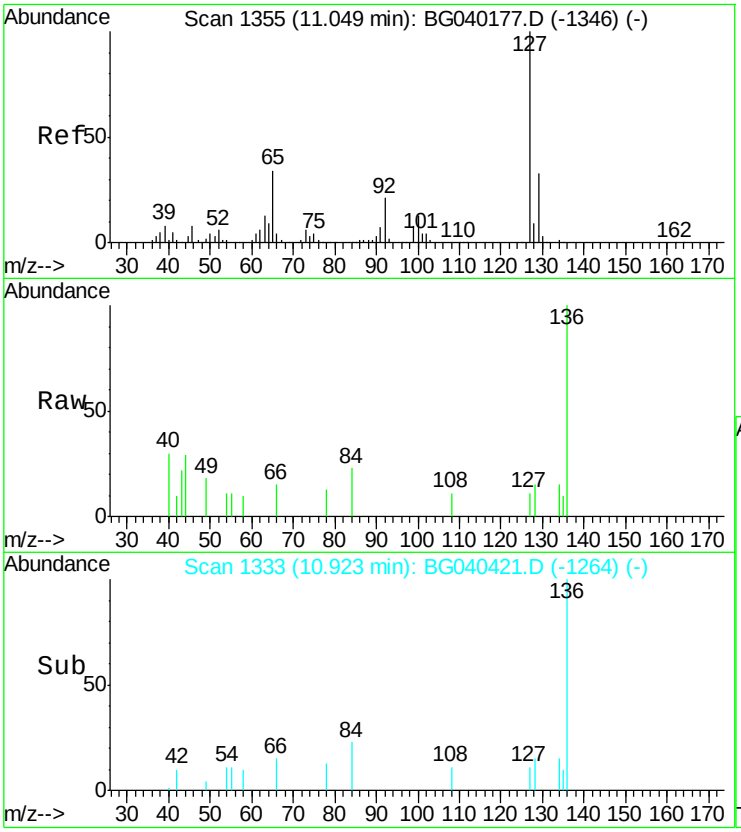


#32
Benzoic acid
Concen: 0.026 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
105	88.0	98.2	138.2#
77	86.3	73.6	113.6



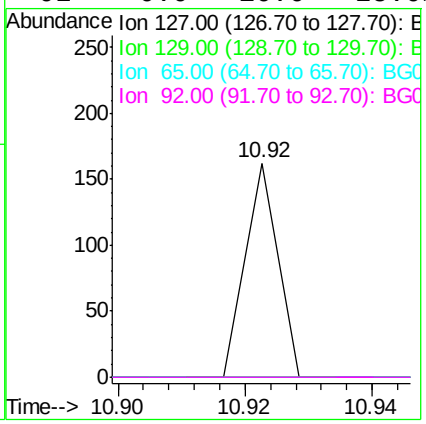


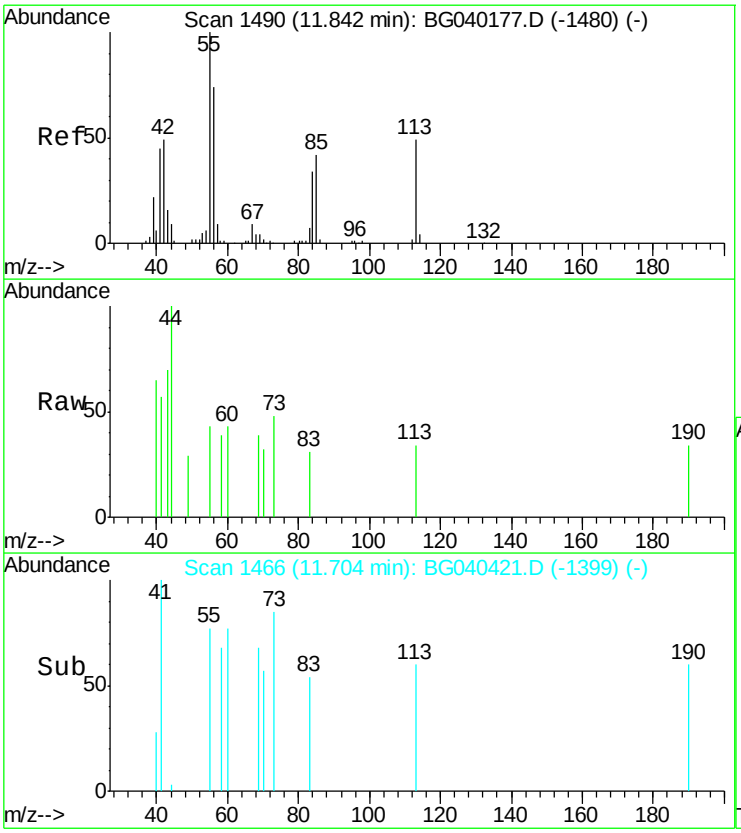
#33
4-Chloroaniline
Concen: 0.009 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.13 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 57

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#

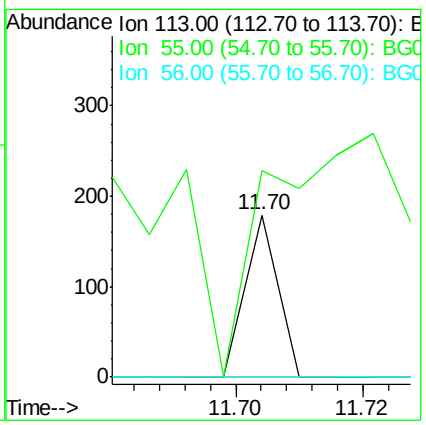


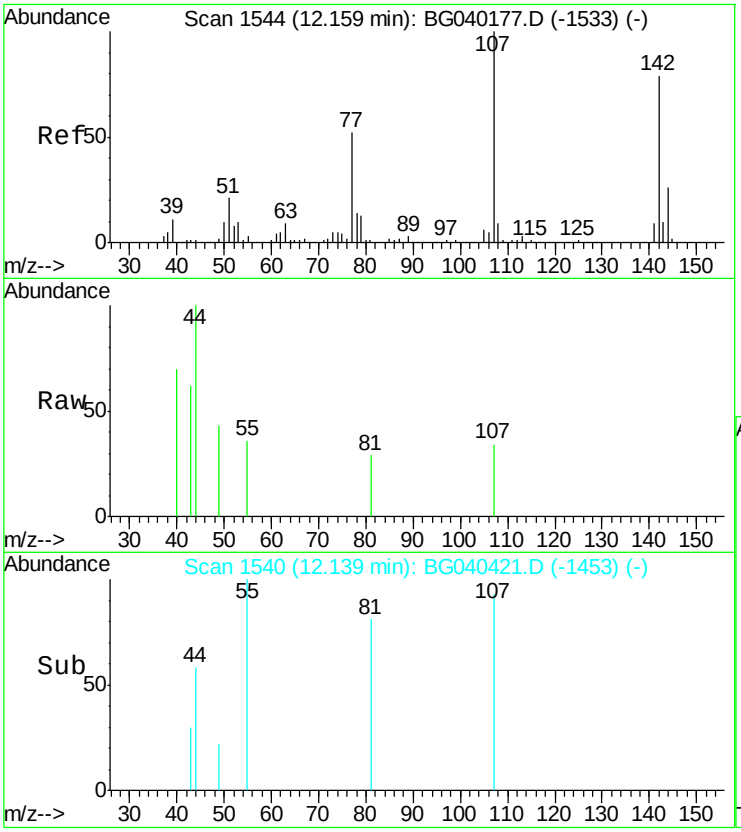


#35
Caprolactam
Concen: 0.036 ng
RT: 11.70 min Scan# 1466
Delta R.T. -0.14 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:113 Resp: 63

Ion	Ratio	Lower	Upper
113	100		
55	127.9	184.2	224.2#
56	0.0	131.3	171.3#



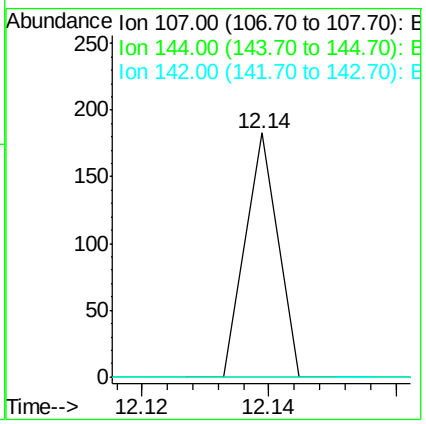


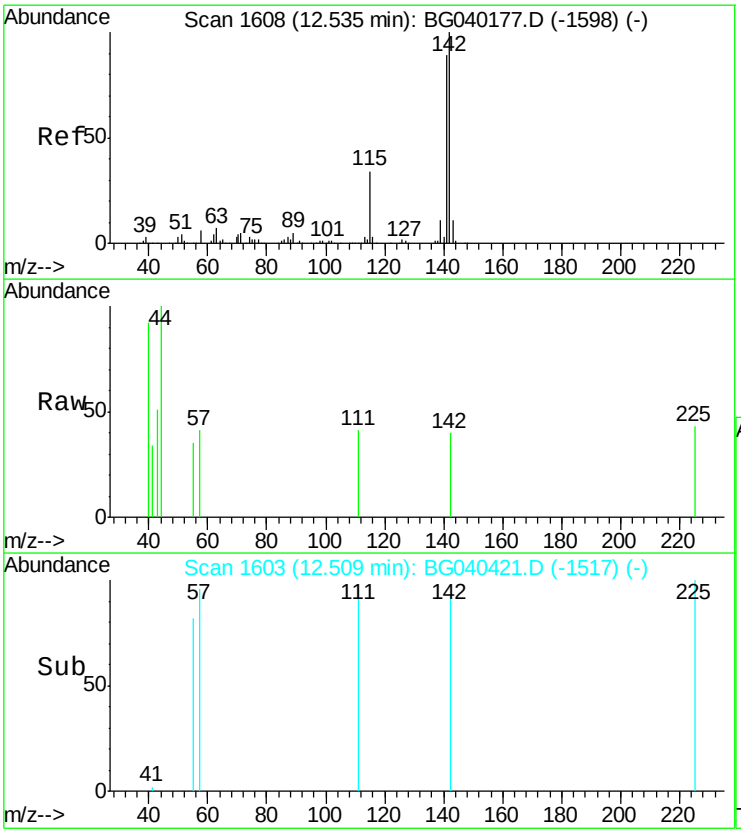
#36
4-Chloro-3-methylphenol
Concen: 0.013 ng
RT: 12.14 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 65

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

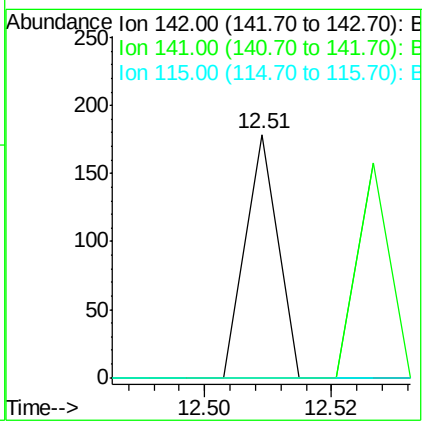


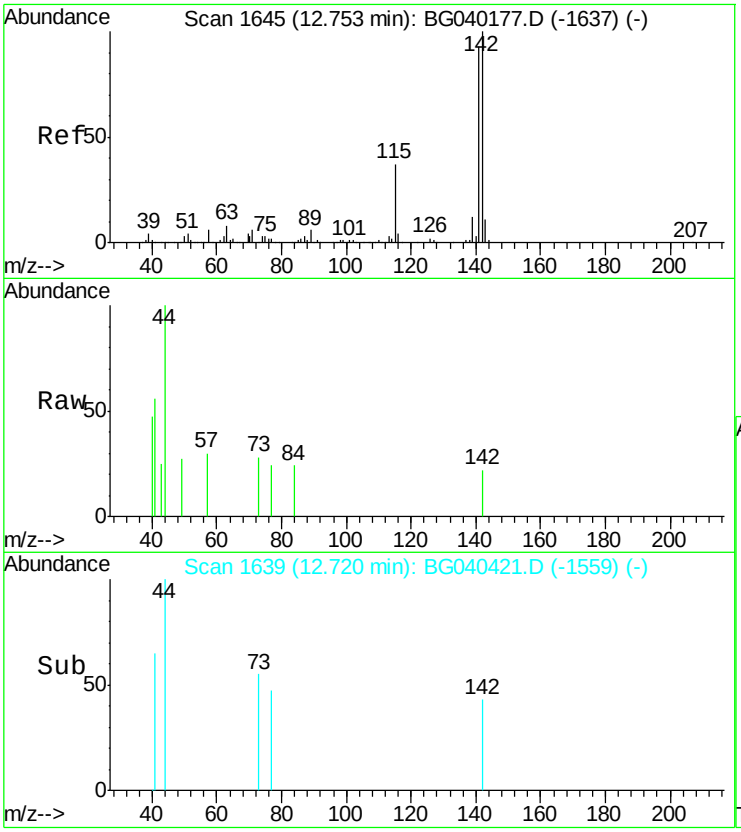


#37
2-Methylnaphthalene
Concen: 0.006 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:142 Resp: 63

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



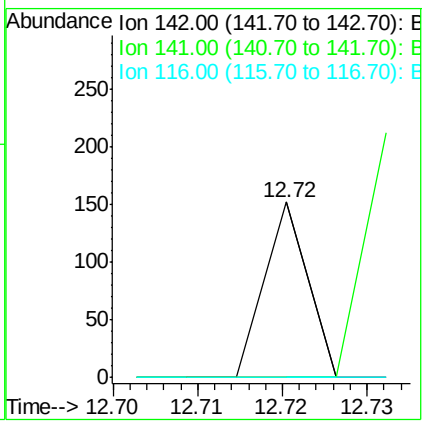


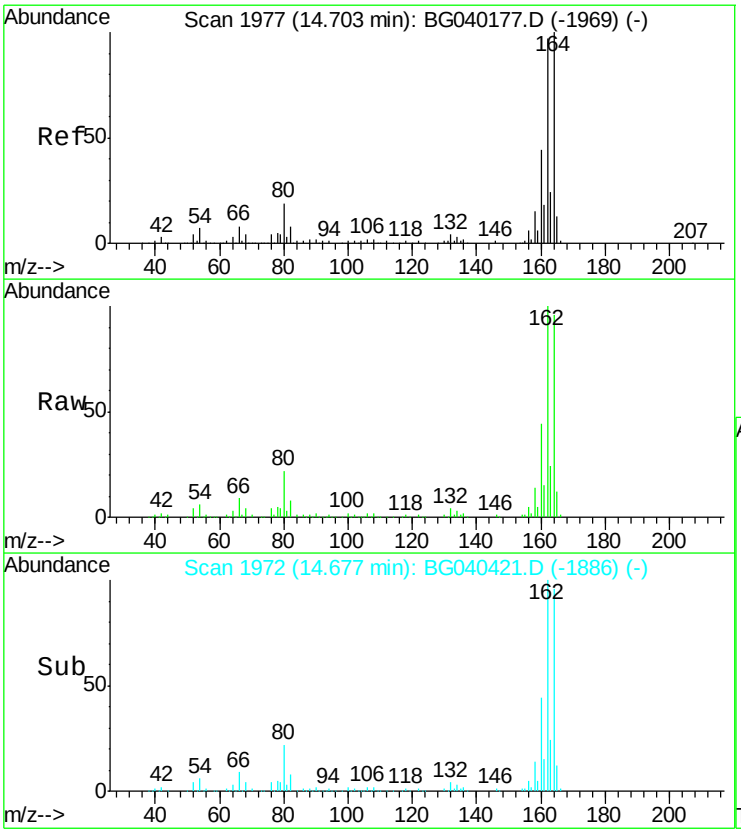
#38
1-Methylnaphthalene
Concen: 0.005 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 54

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

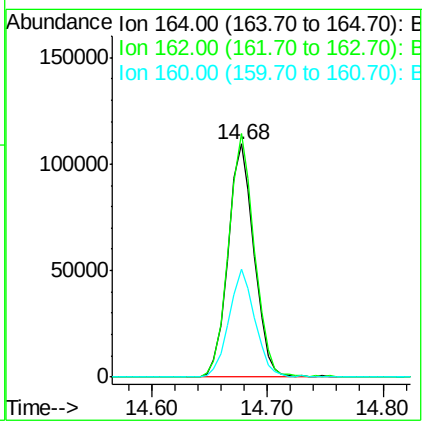


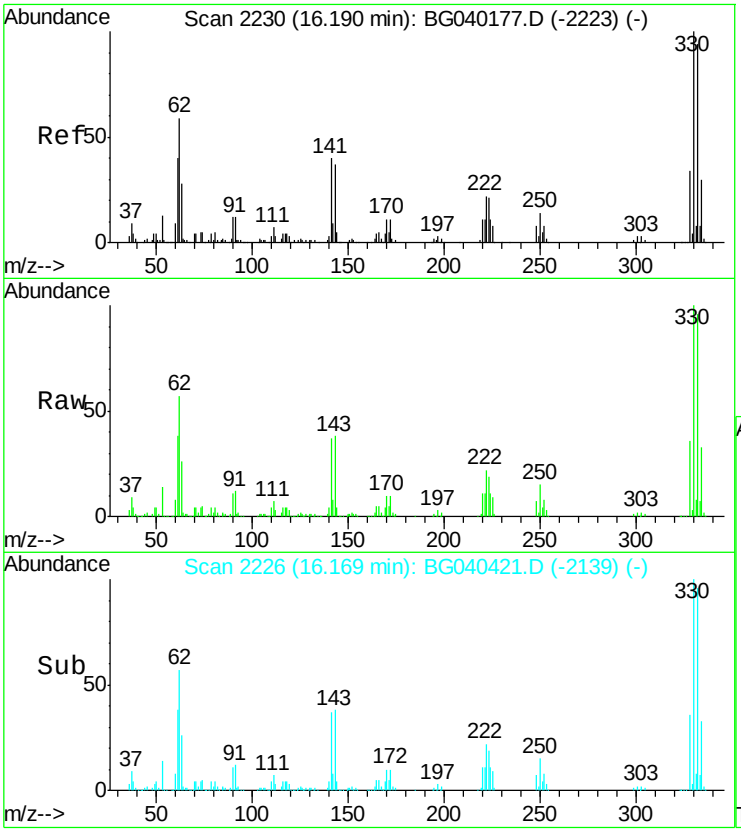


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:164 Resp: 169964

Ion	Ratio	Lower	Upper
164	100		
162	104.4	77.4	116.2
160	46.3	35.3	52.9



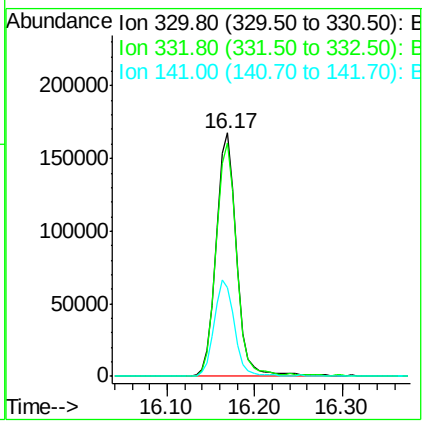


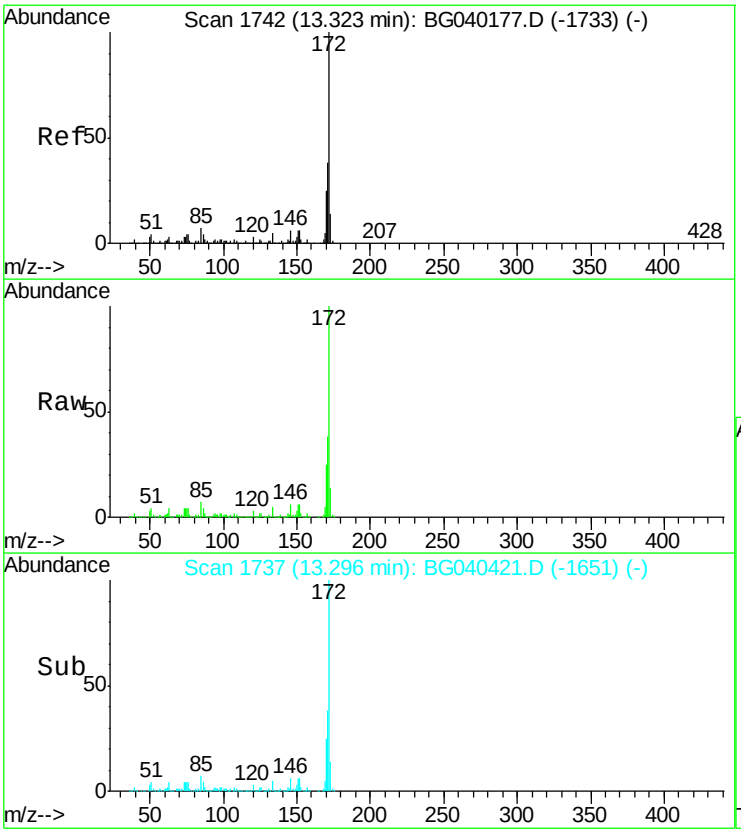
#42
2,4,6-Tribromophenol
Concen: 148.463 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 272707

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	39.5	32.6	48.8

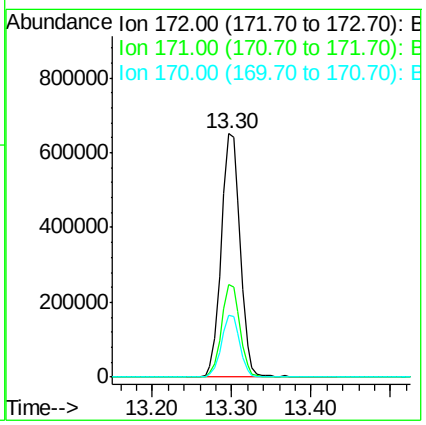


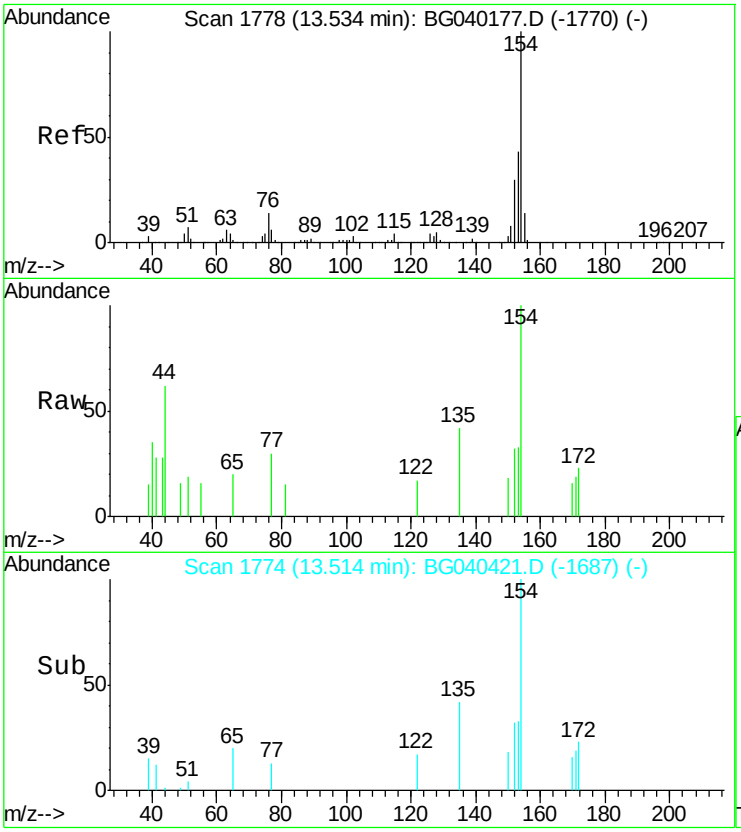


#45
2-Fluorobiphenyl
Concen: 93.763 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:172 Resp: 1075495

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	25.2	20.1	30.1



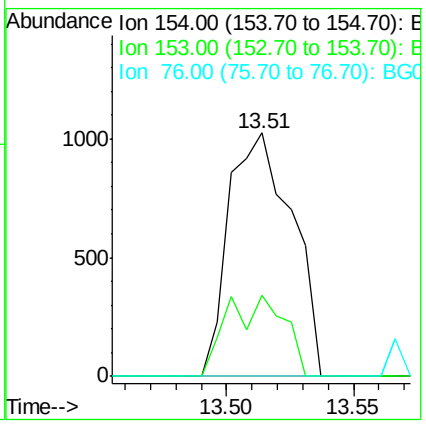


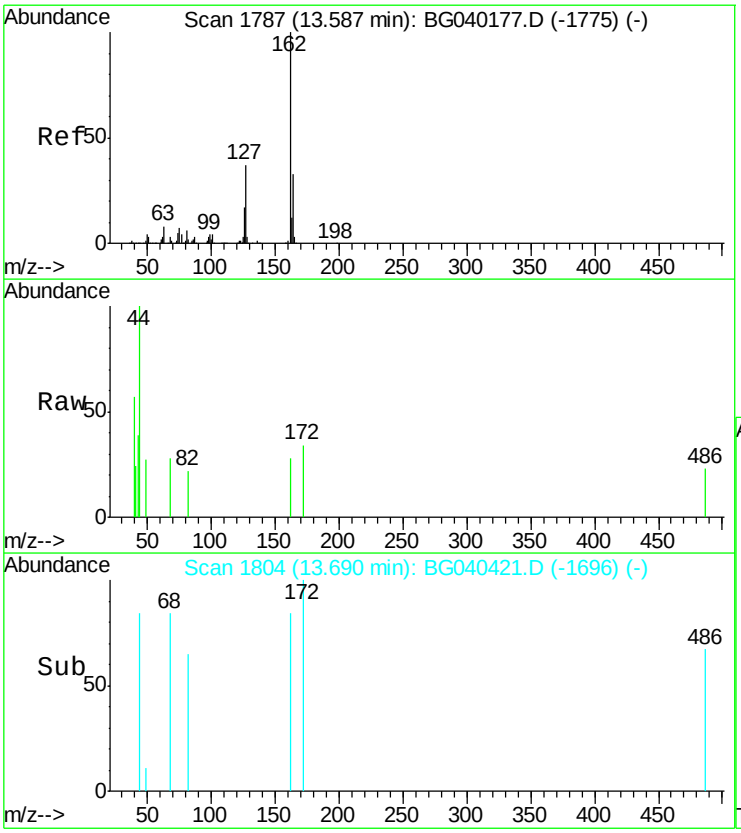
#46
1,1'-Biphenyl
Concen: 0.133 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 1781

Ion	Ratio	Lower	Upper
154	100		
153	33.0	22.5	62.5
76	0.0	0.0	33.7

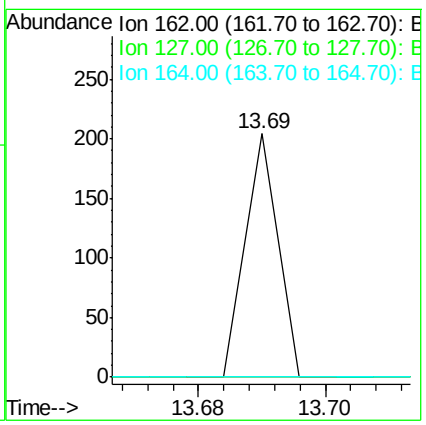


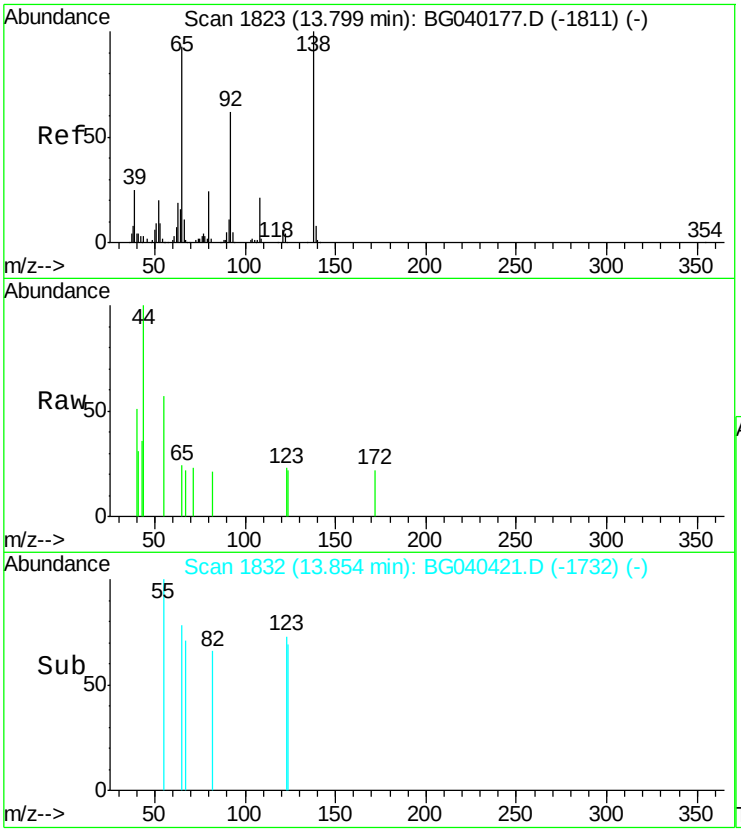


#47
2-Chloronaphthalene
Concen: 0.007 ng
RT: 13.69 min Scan# 1804
Delta R.T. 0.10 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:162 Resp: 72

Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.6	45.8#
164	0.0	26.2	39.4#



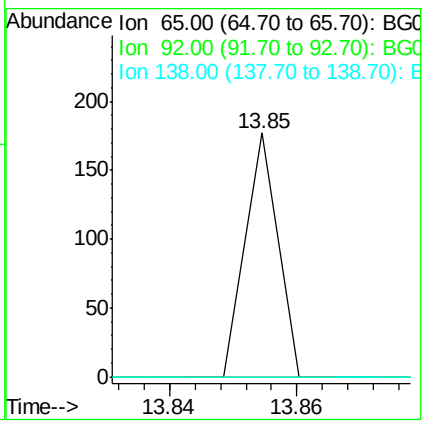


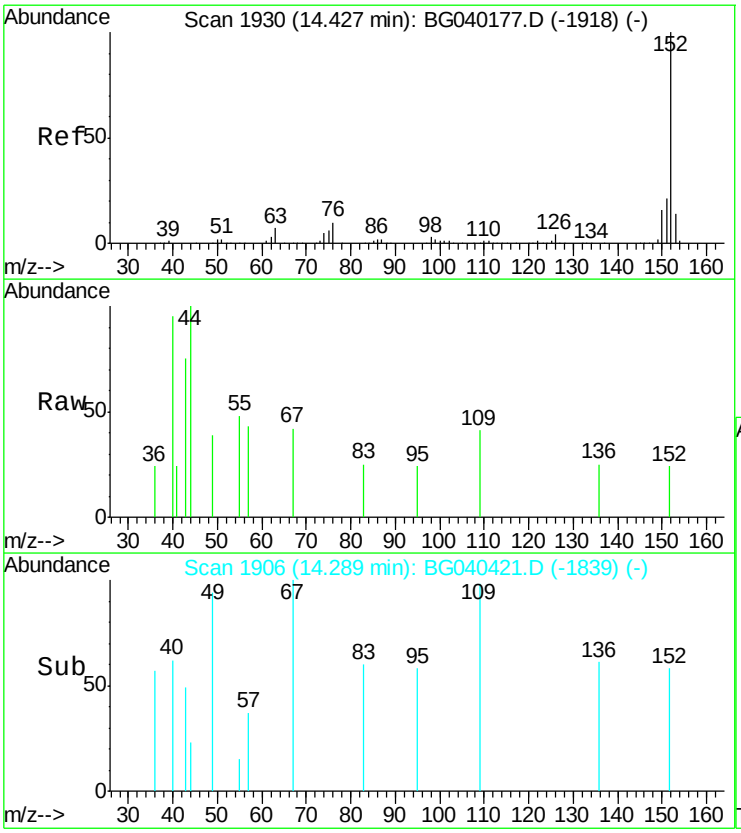
#48
2-Nitroaniline
Concen: 0.018 ng
RT: 13.85 min Scan# 1832
Delta R.T. 0.06 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 62

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

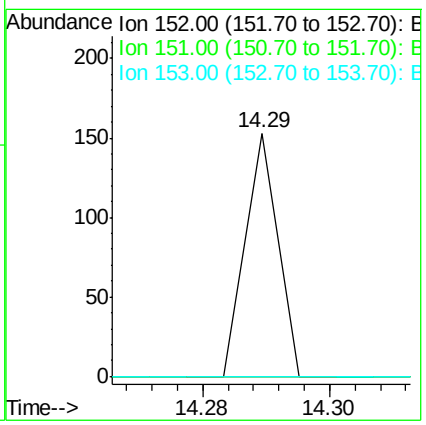


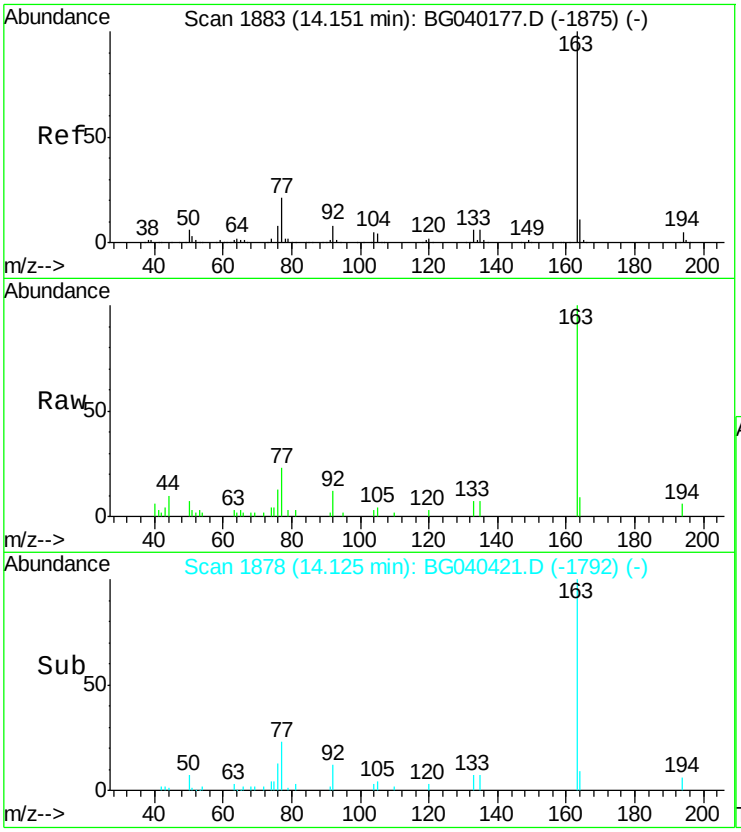


#49
Acenaphthylene
Concen: 0.003 ng
RT: 14.29 min Scan# 1906
Delta R.T. -0.14 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:152 Resp: 54

Ion	Ratio	Lower	Upper
152	100		
151	100.0	17.0	25.6#
153	0.0	10.8	16.2#



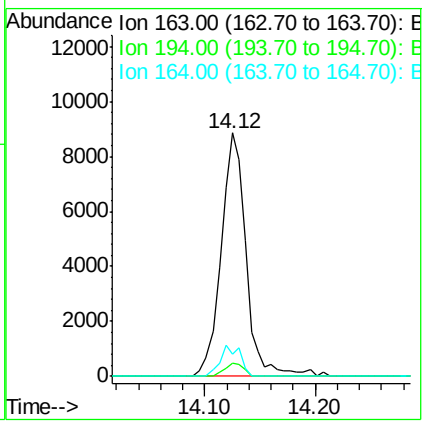


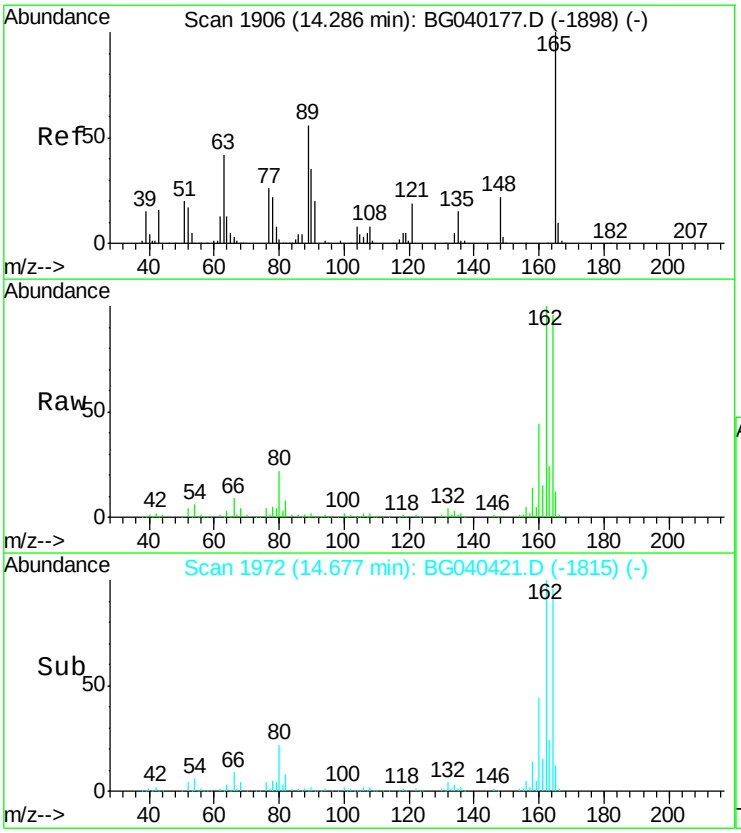
#50
Dimethylphthalate
Concen: 1.051 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 13977

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.1	6.1
164	9.3	8.6	13.0

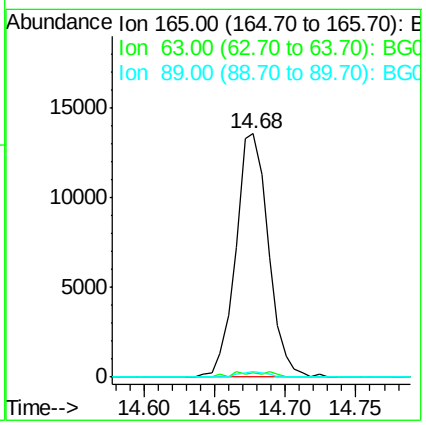


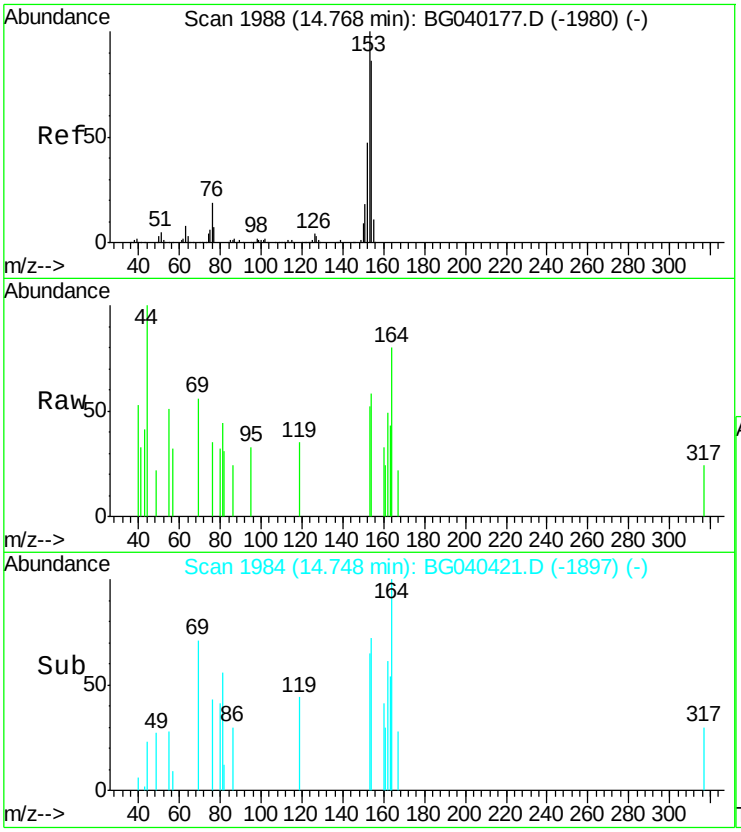


#51
2,6-Dinitrotoluene
Concen: 7.322 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:165 Resp: 21868

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.1	66.1#
89	2.3	44.9	67.3#



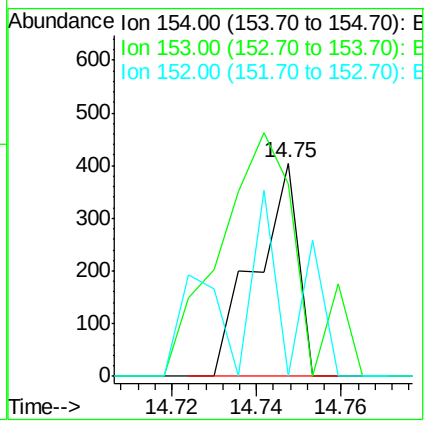


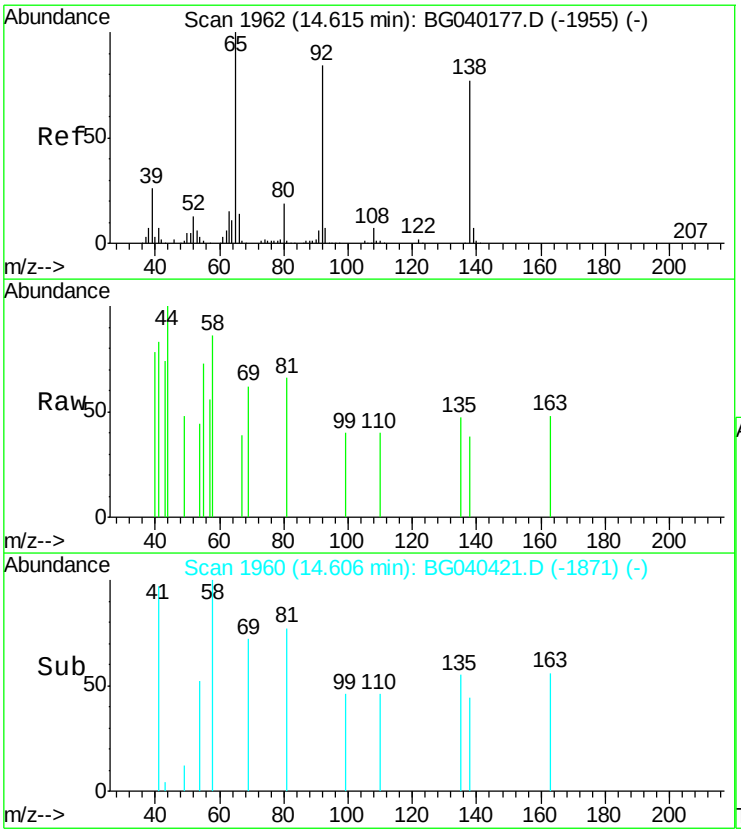
#52
Acenaphthene
Concen: 0.028 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 283

Ion	Ratio	Lower	Upper
154	100		
153	89.9	92.8	139.2#
152	0.0	43.4	65.2#

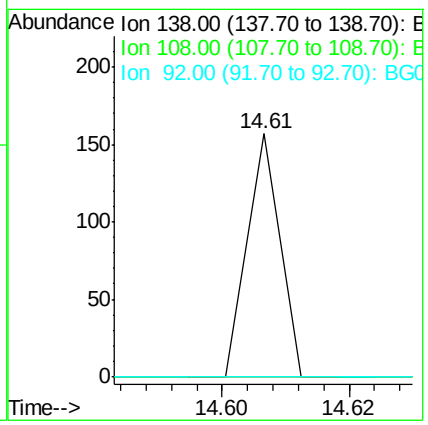


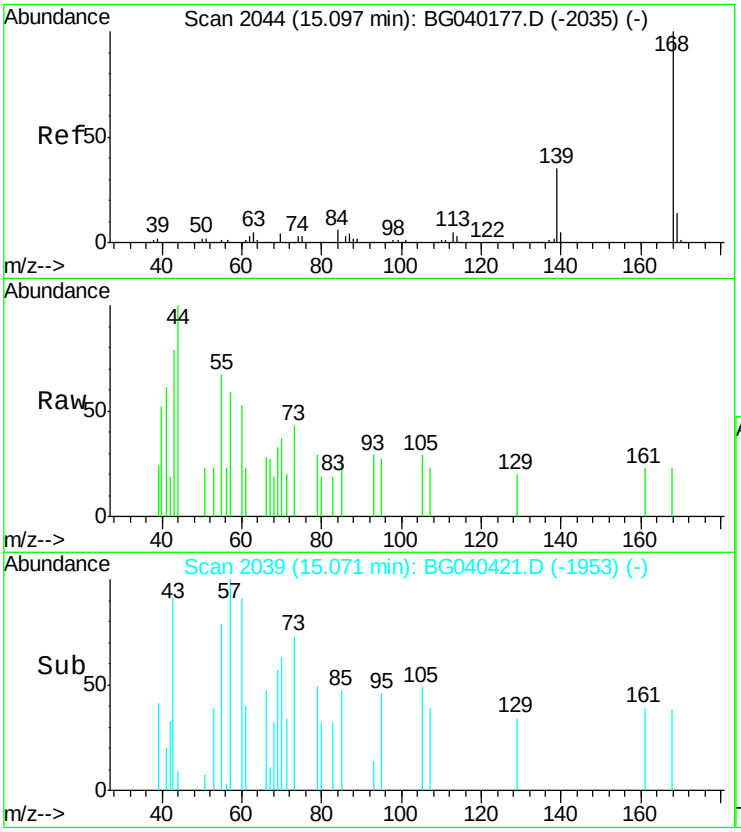


#53
3-Nitroaniline
Concen: 0.017 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:138 Resp: 55

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



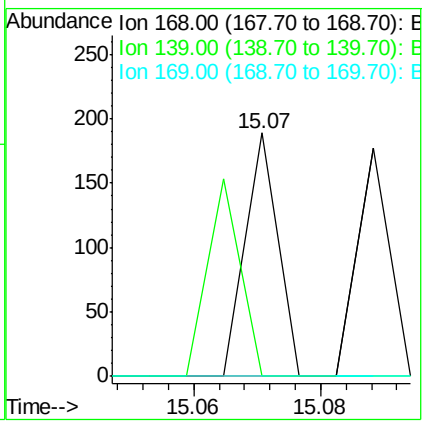


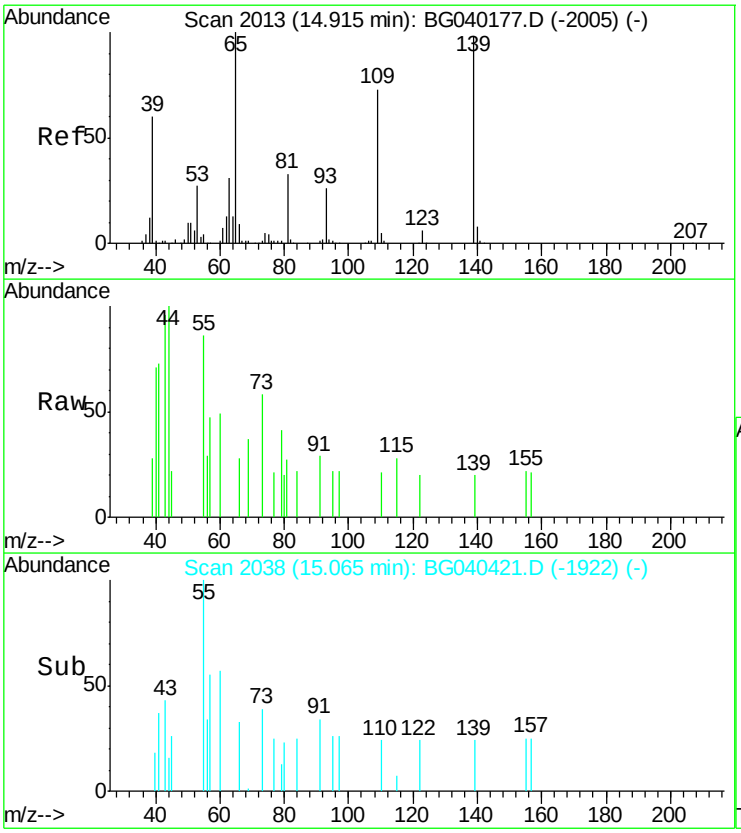
#55
Dibenzofuran
Concen: 0.004 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 67

Ion	Ratio	Lower	Upper
168	100		
139	0.0	27.9	41.9#
169	0.0	11.3	16.9#

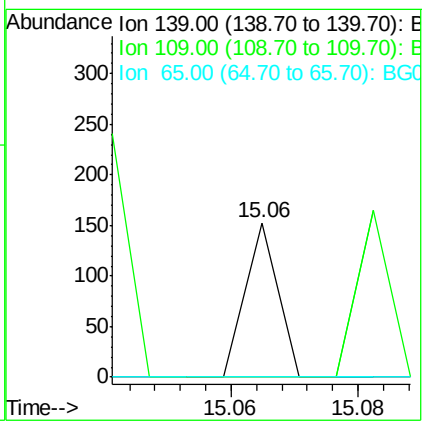


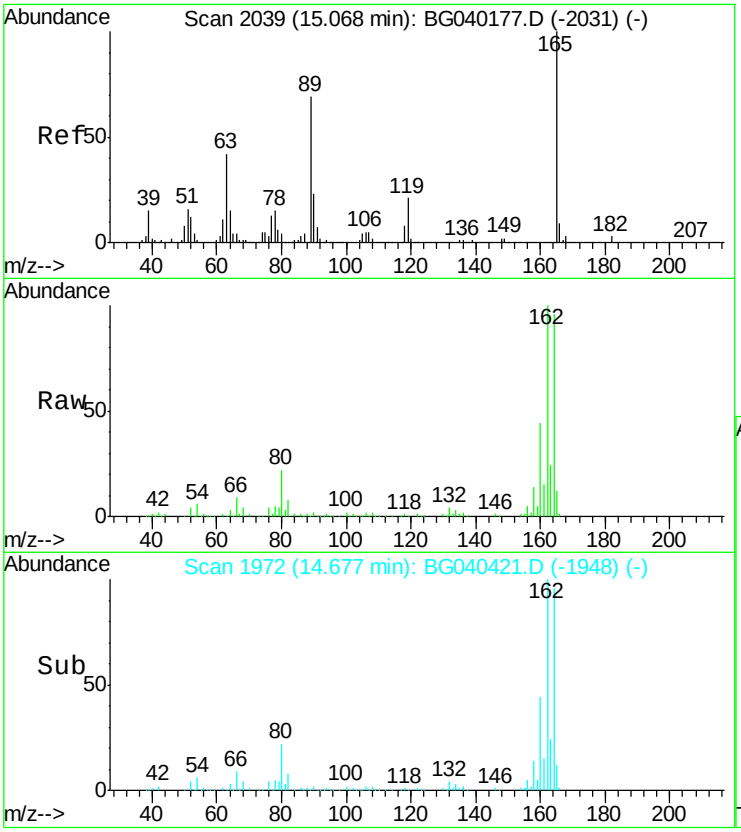


#56
4-Nitrophenol
Concen: 0.021 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.15 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:139 Resp: 54

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



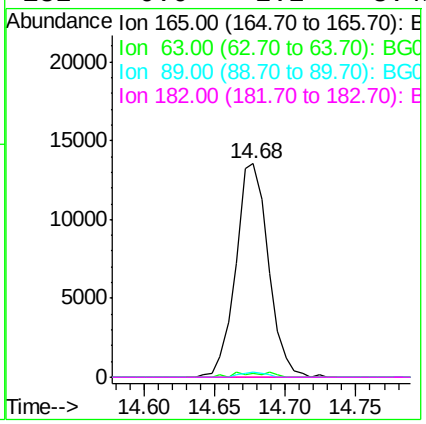


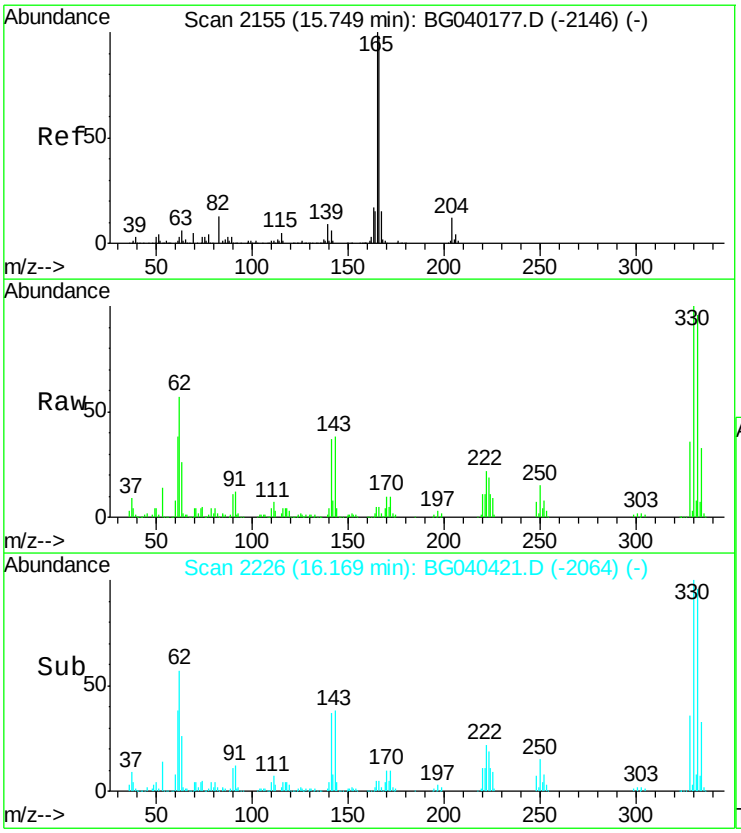
#57
2,4-Dinitrotoluene
Concen: 5.269 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21868

Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.8	50.6#
89	2.3	55.4	83.2#
182	0.0	2.2	3.4#

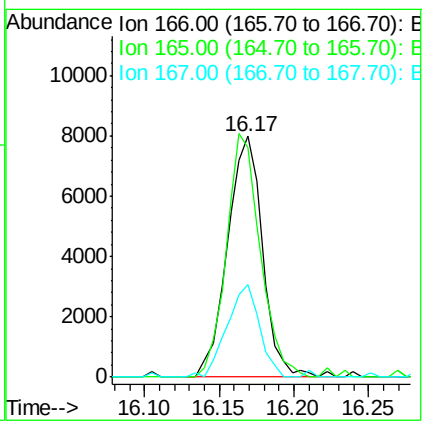


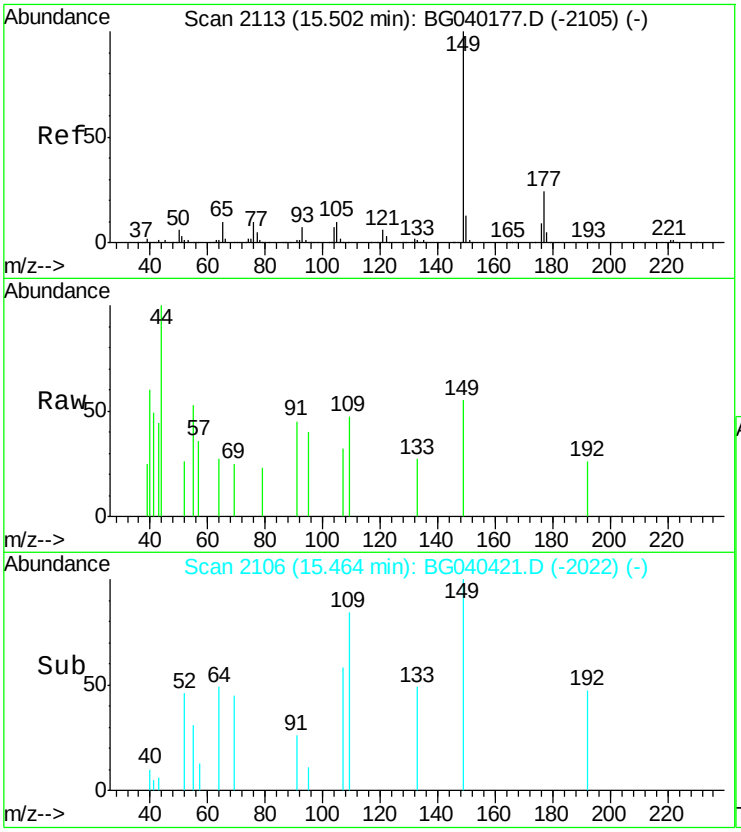


#58
Fluorene
Concen: 1.037 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.42 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:166 Resp: 13108

Ion	Ratio	Lower	Upper
166	100		
165	95.2	81.7	122.5
167	38.5	11.9	17.9#



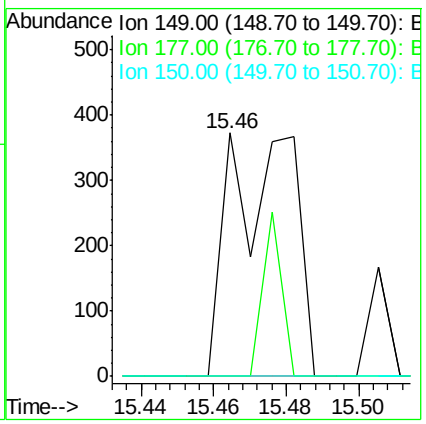


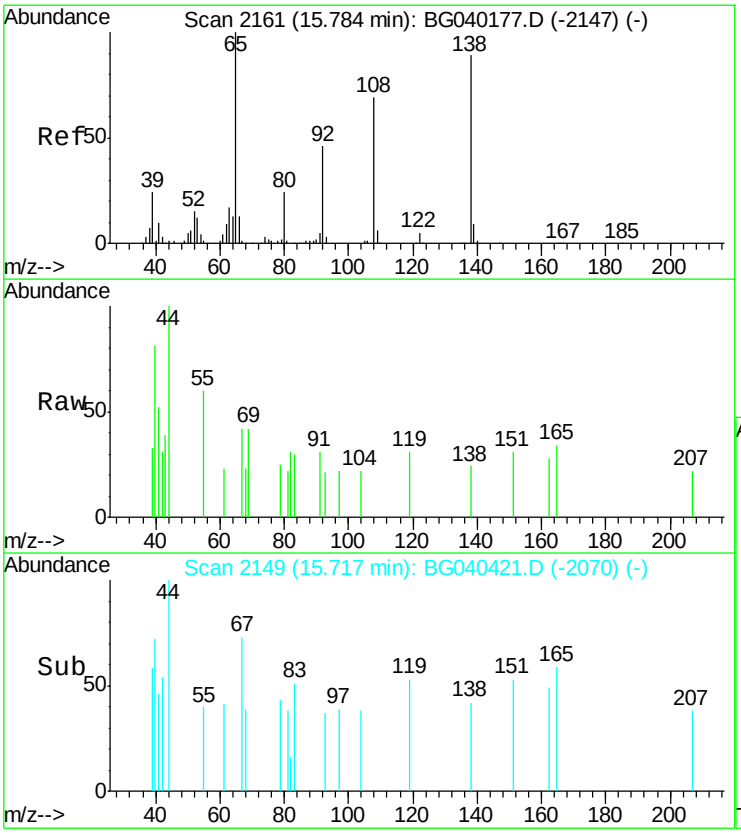
#60
Diethylphthalate
Concen: 0.033 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 452

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.1	28.7#
150	0.0	10.6	15.8#

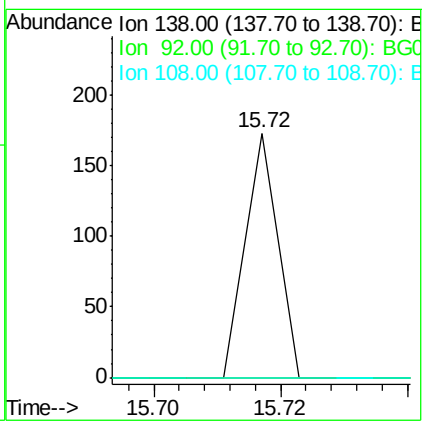


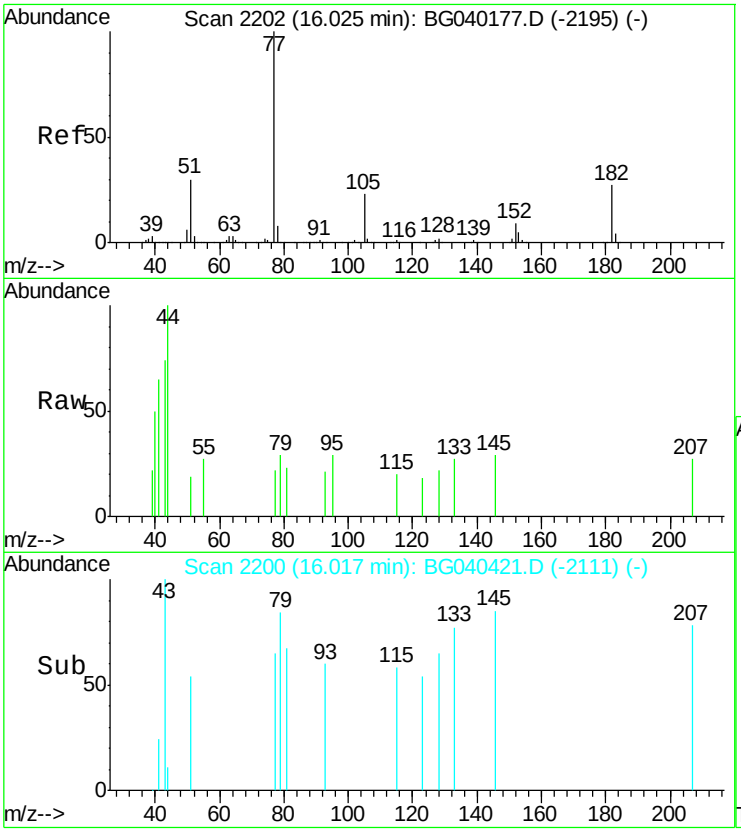


#62
4-Nitroaniline
Concen: 0.018 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.07 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:138 Resp: 61

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



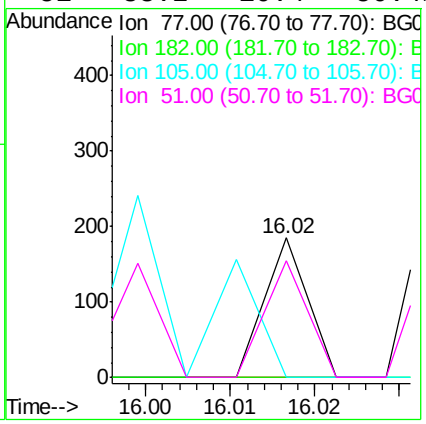


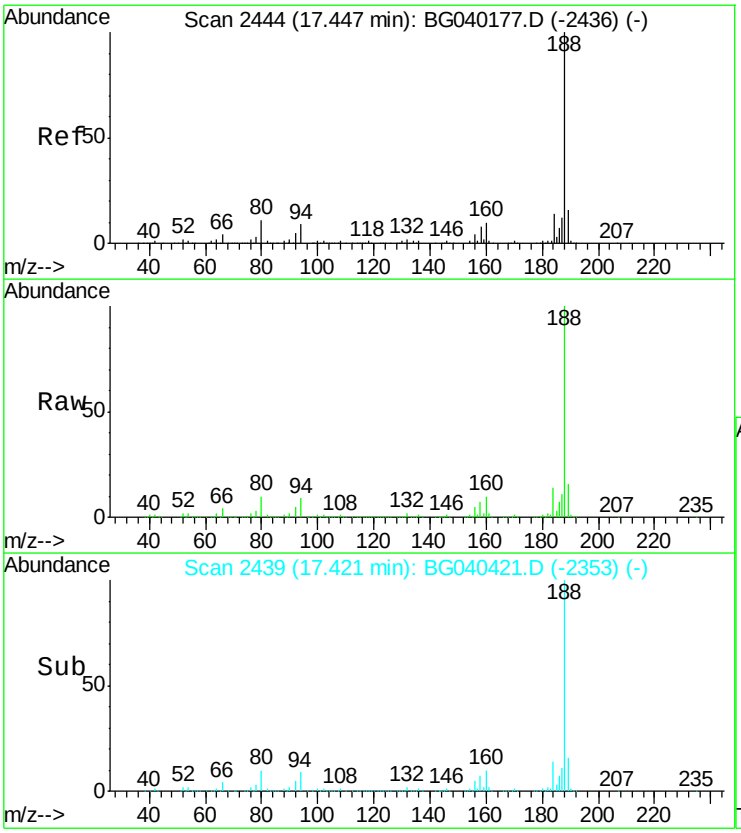
#63
Azobenzene
Concen: 0.005 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 65

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.2	47.2#
105	0.0	2.8	42.8#
51	83.2	10.4	50.4#

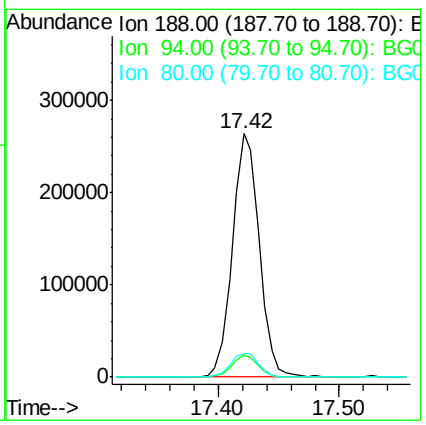


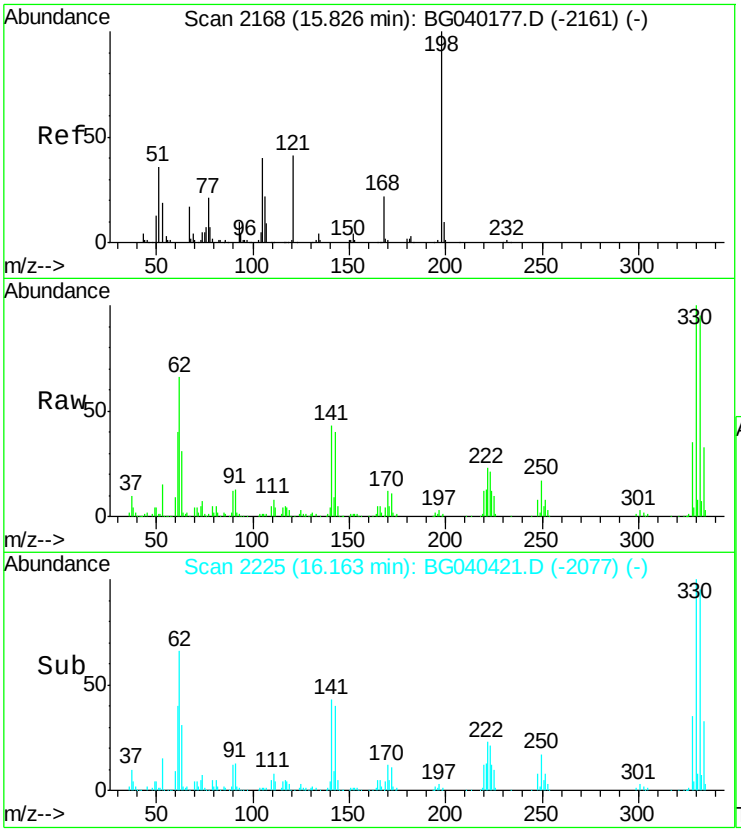


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:188 Resp: 408059

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	9.8	8.6	13.0



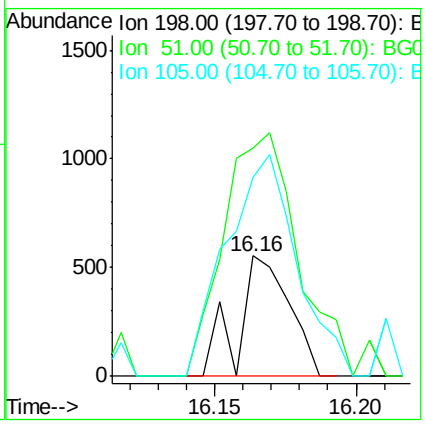


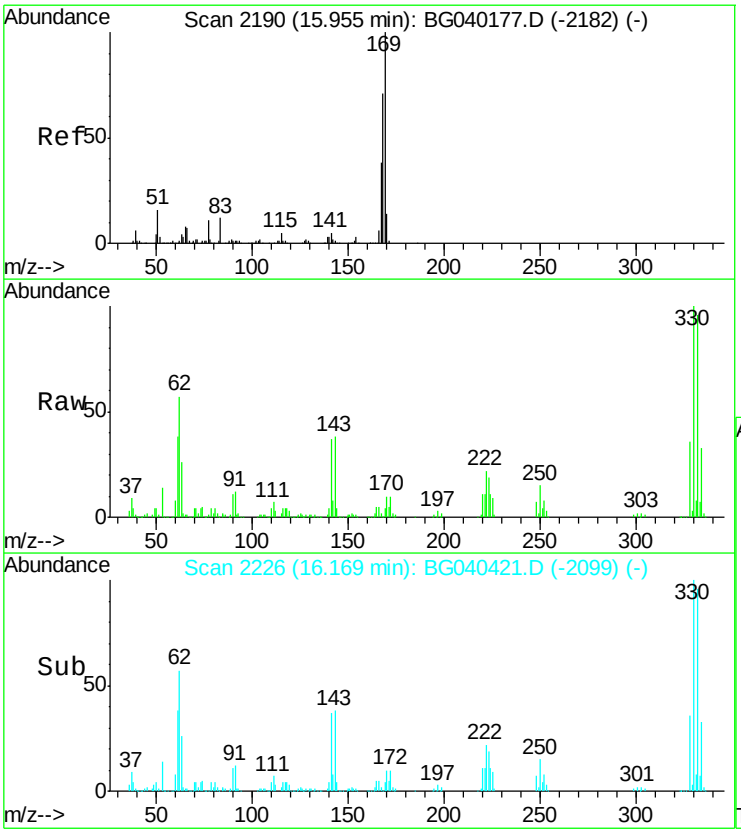
#65
4,6-Dinitro-2-methylphenol
Concen: 0.304 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.34 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 696

Ion	Ratio	Lower	Upper
198	100		
51	37.8	27.3	67.3
105	32.9	21.7	61.7

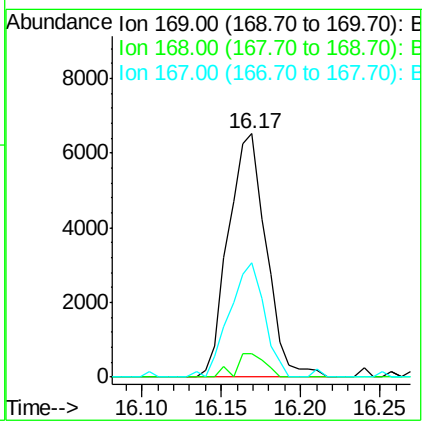


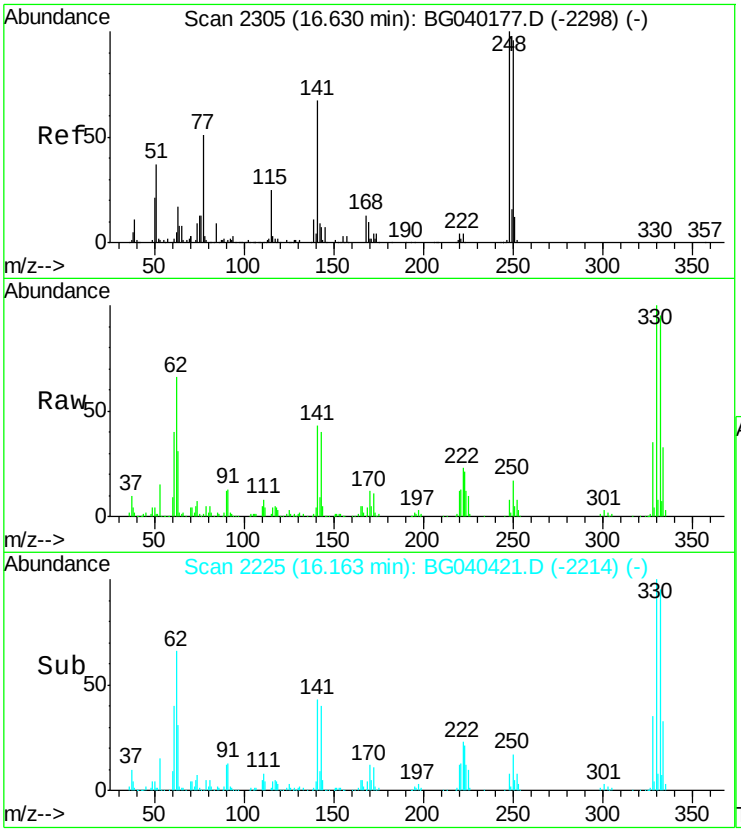


#66
n-Nitrosodiphenylamine
Concen: 0.901 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.21 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:169 Resp: 10764

Ion	Ratio	Lower	Upper
169	100		
168	9.8	56.8	85.2#
167	47.1	30.2	45.4#



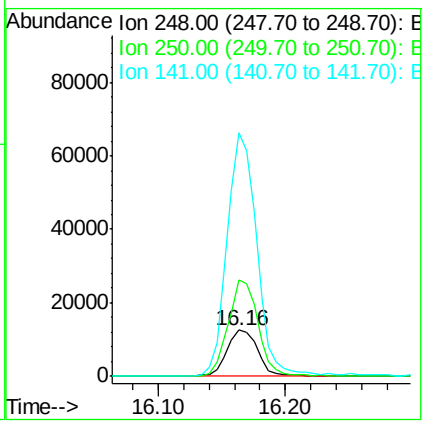


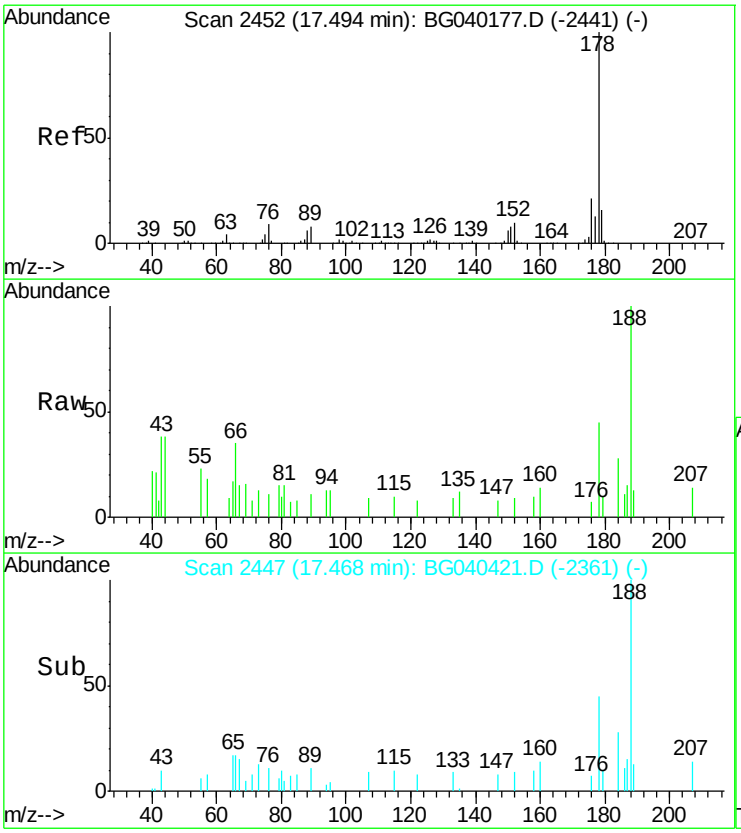
#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.47 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21084

Ion	Ratio	Lower	Upper
248	100		
250	209.9	76.4	114.6#
141	526.5	53.8	80.8#

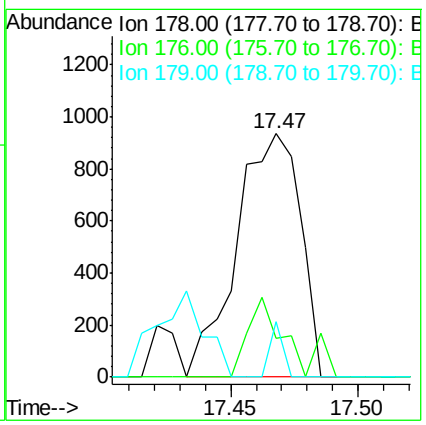


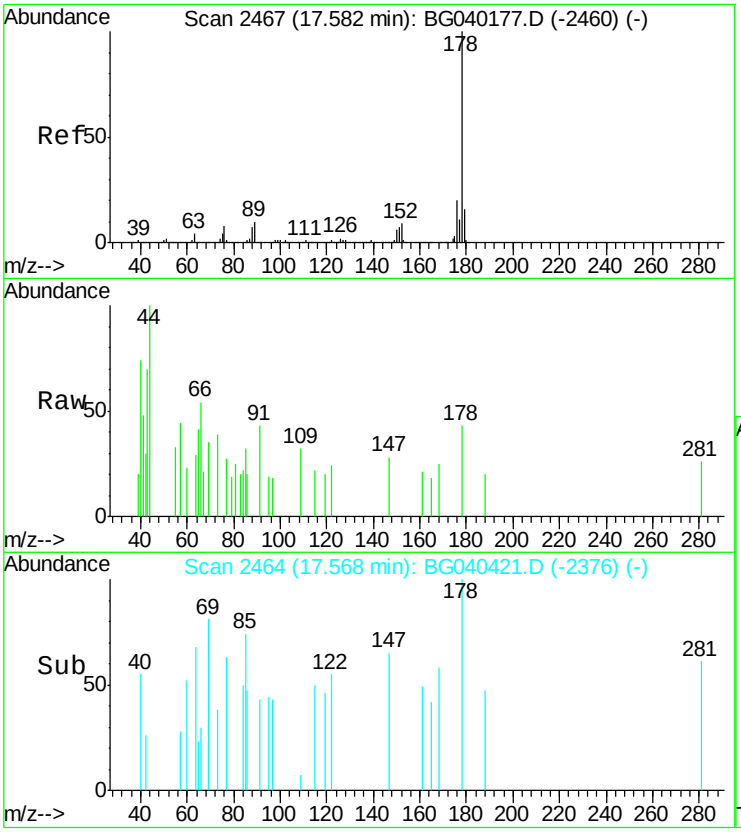


#71
Phenanthrene
Concen: 0.076 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:178 Resp: 1639

Ion	Ratio	Lower	Upper
178	100		
176	16.1	16.7	25.1#
179	22.9	12.8	19.2#



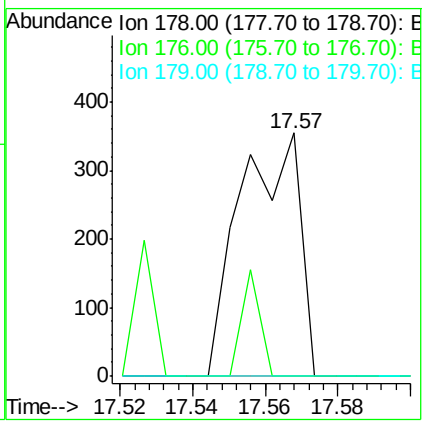


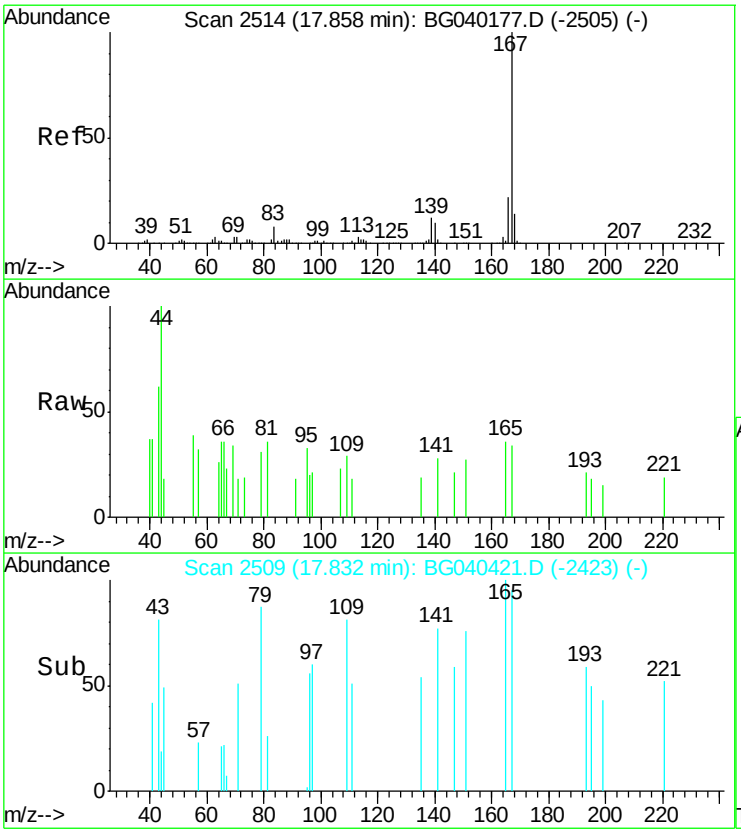
#72
Anthracene
Concen: 0.019 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 407

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

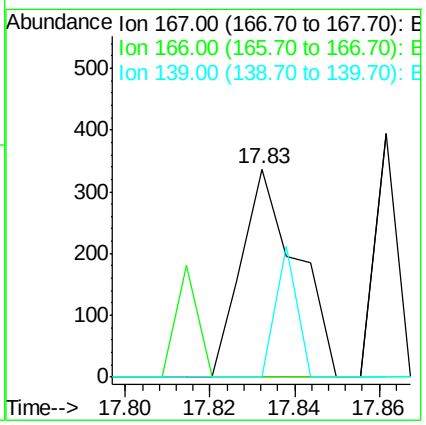


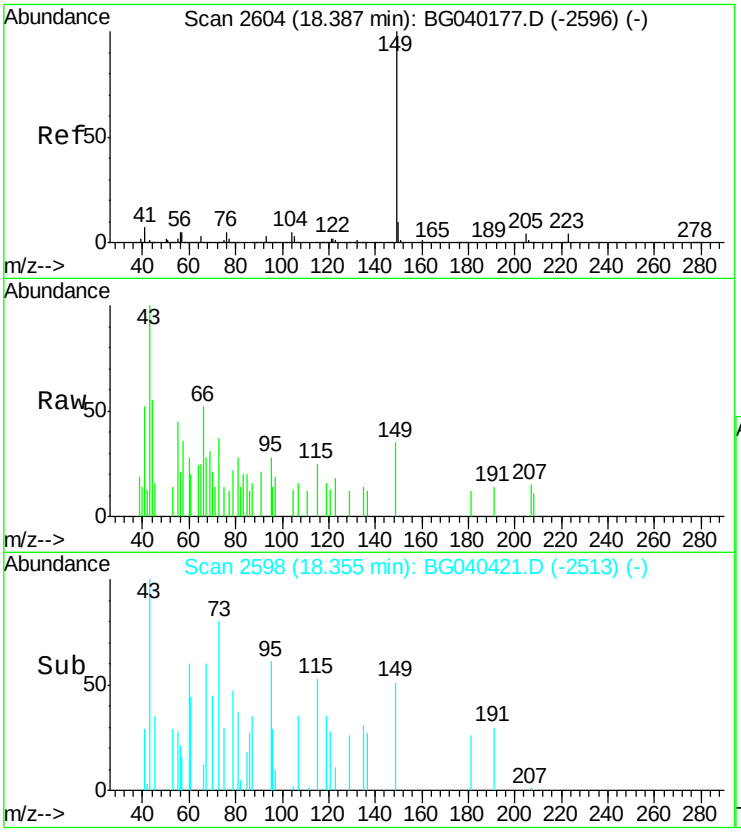


#73
Carbazole
Concen: 0.015 ng
RT: 17.83 min Scan# 2509
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:167 Resp: 307

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



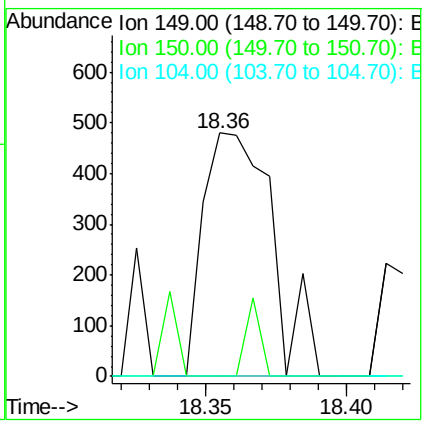


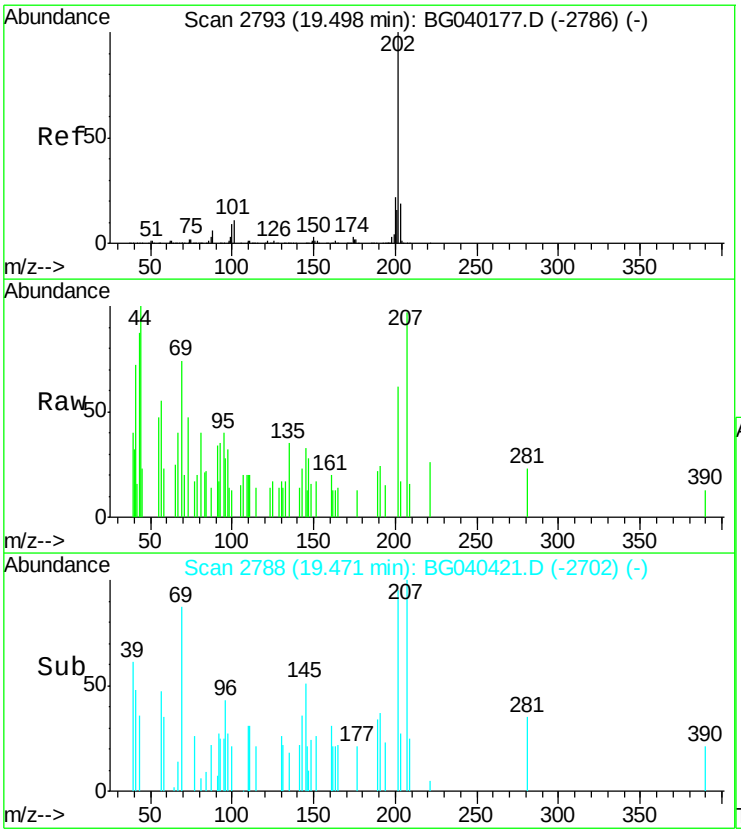
#74
Di-n-butylphthalate
Concen: 0.034 ng
RT: 18.36 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 814

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

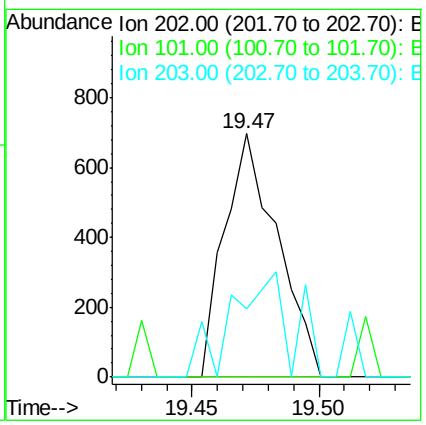


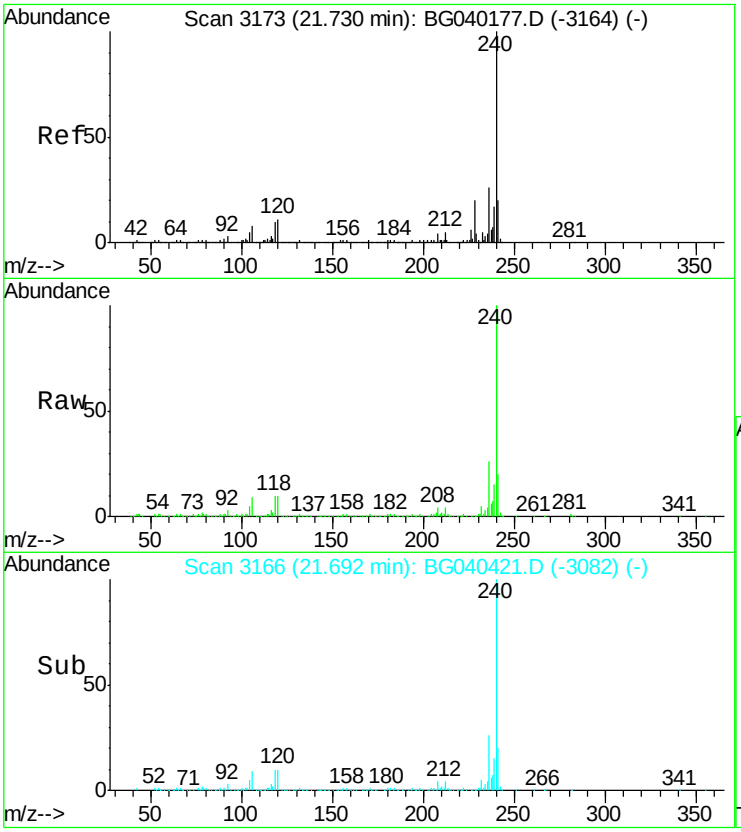


#75
Fluoranthene
Concen: 0.040 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:202 Resp: 1012

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.8
203	28.0	0.0	38.9



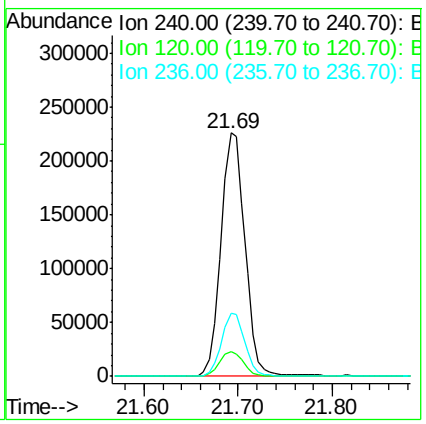


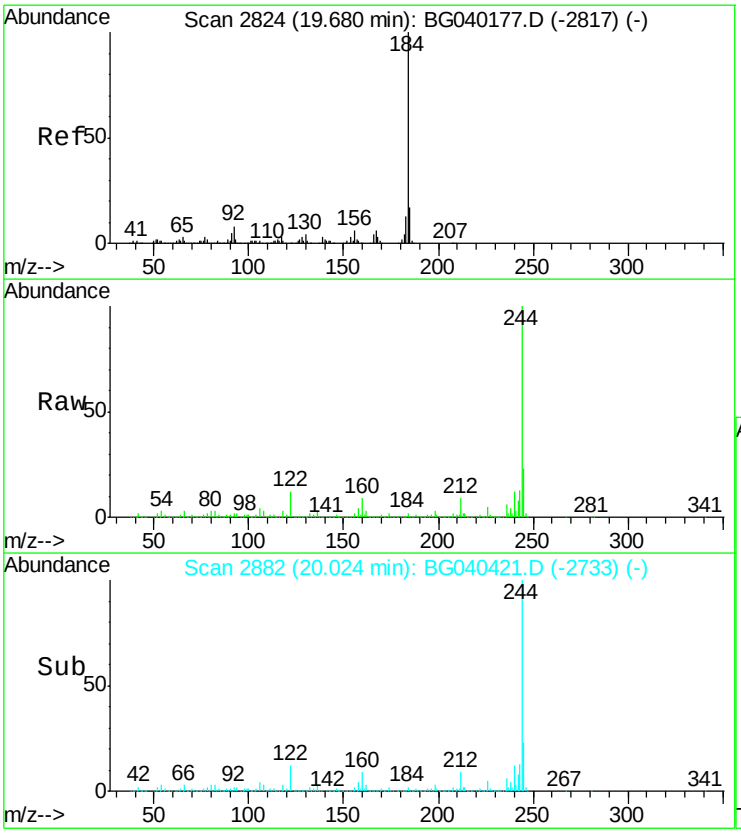
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 403181

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	26.2	20.8	31.2

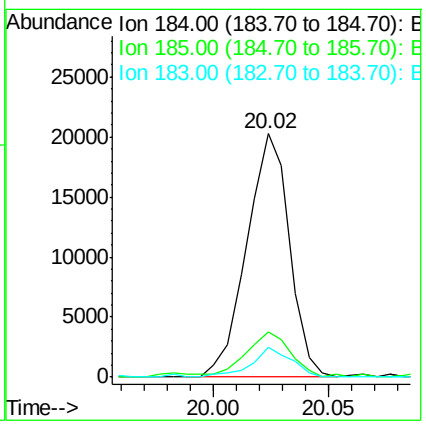


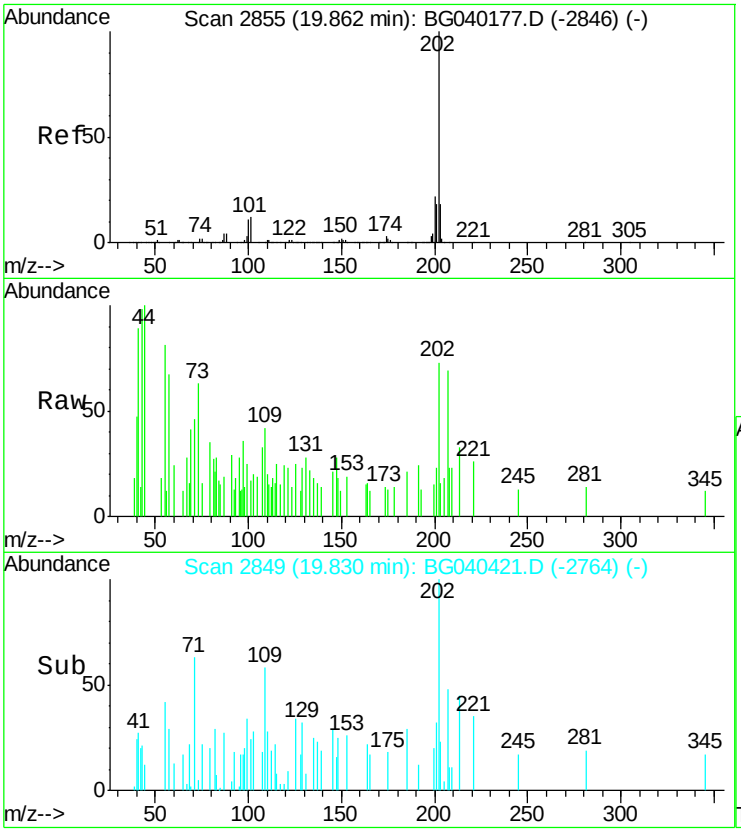


#77
Benzidine
Concen: 1.793 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.34 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:184 Resp: 26111

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.3	19.9
183	12.1	10.3	15.5



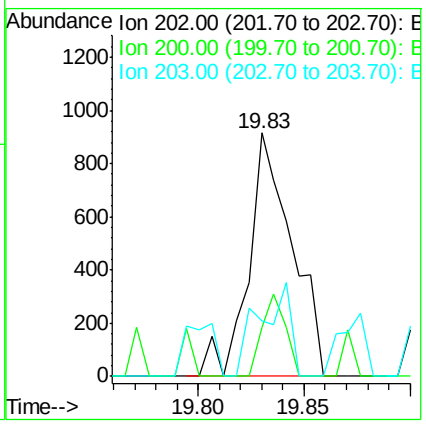


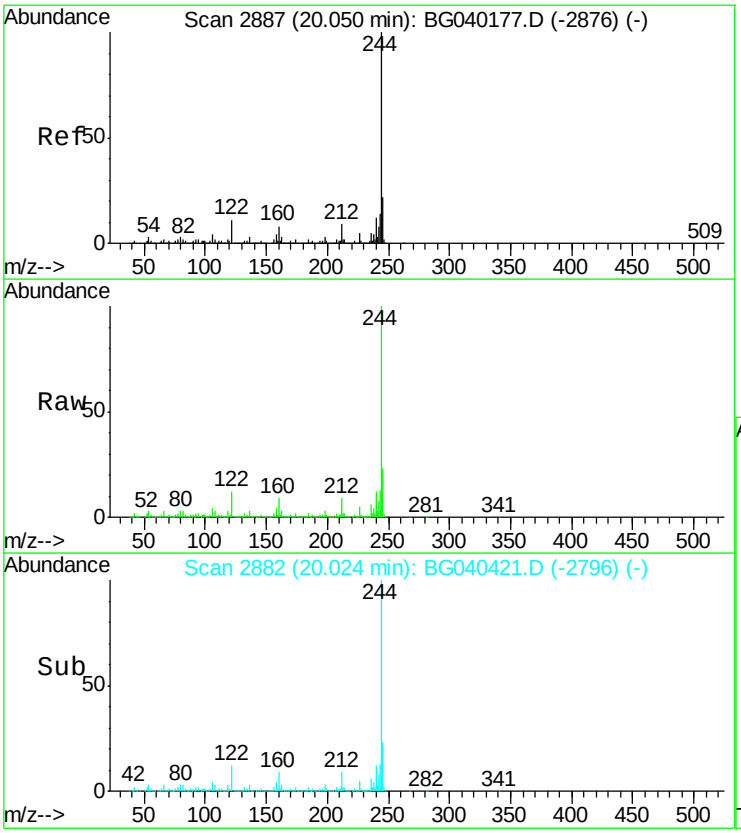
#78
Pyrene
Concen: 0.049 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1310

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.3	25.9
203	22.7	14.6	22.0#

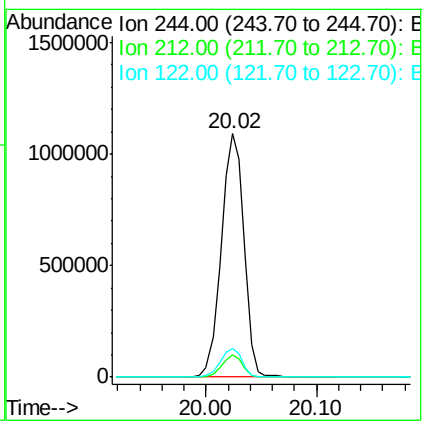


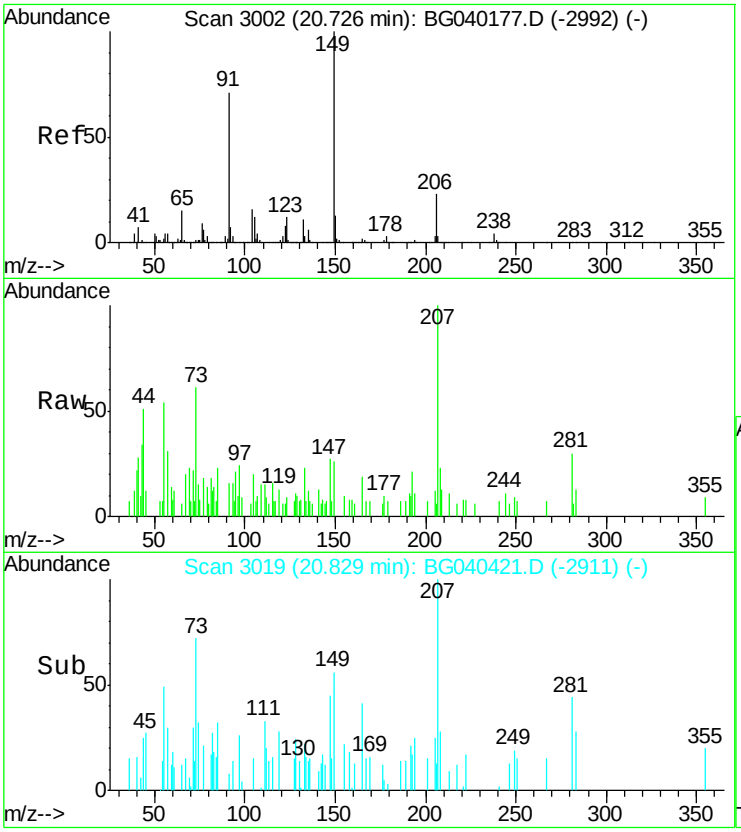


#79
Terphenyl-d14
Concen: 87.425 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:244 Resp: 1566826

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.9	8.5	12.7



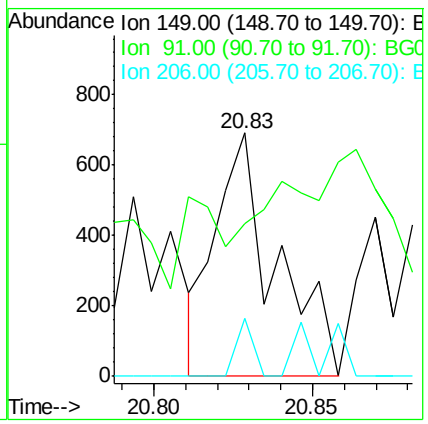


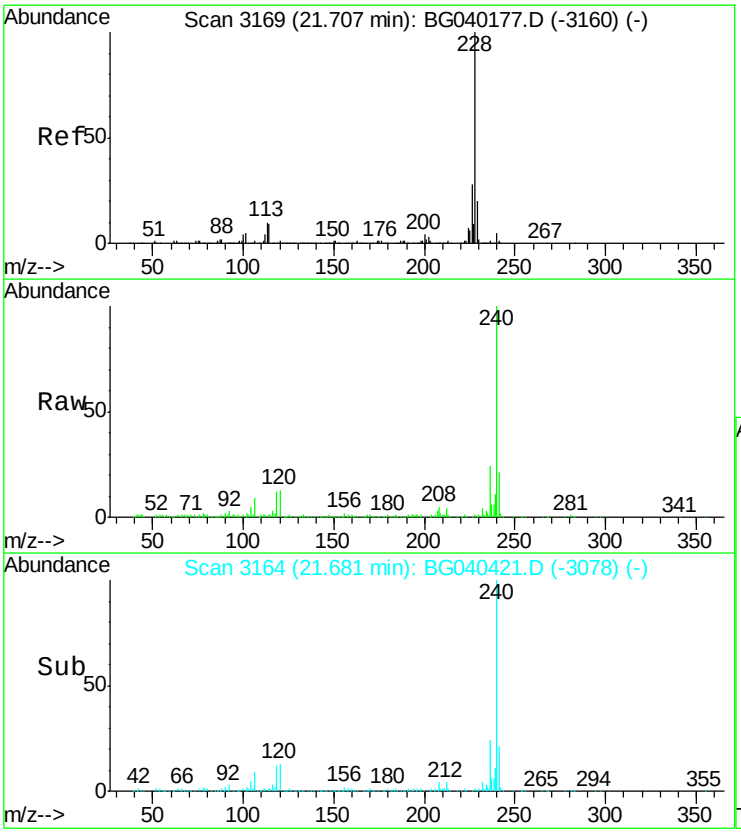
#80
Butylbenzylphthalate
Concen: 0.080 ng
RT: 20.83 min Scan# 3019
Delta R.T. 0.10 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 906

Ion	Ratio	Lower	Upper
149	100		
91	62.9	57.0	85.4
206	23.6	18.2	27.4

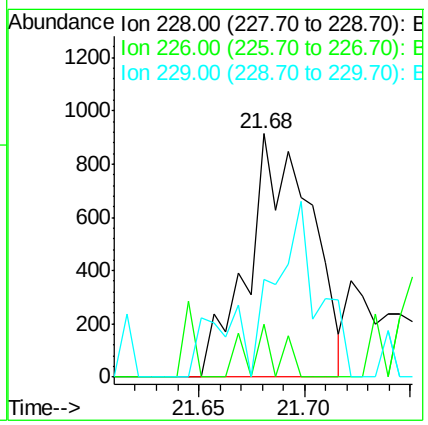


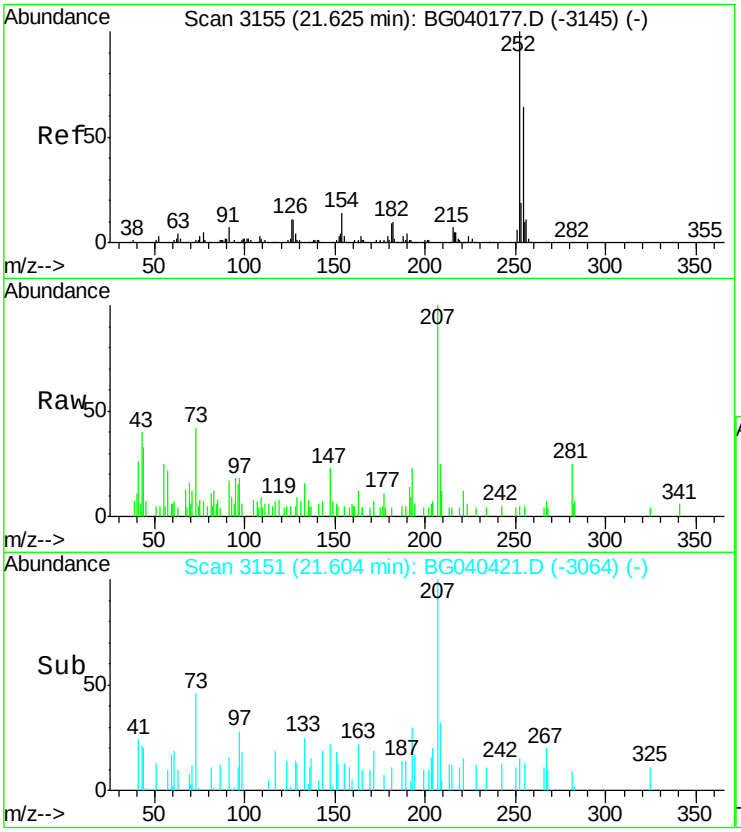


#81
Benzo(a)anthracene
Concen: 0.077 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:228 Resp: 1904

Ion	Ratio	Lower	Upper
228	100		
226	21.9	22.6	34.0#
229	40.2	16.1	24.1#



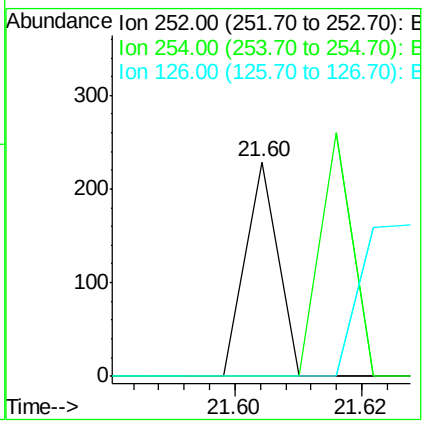


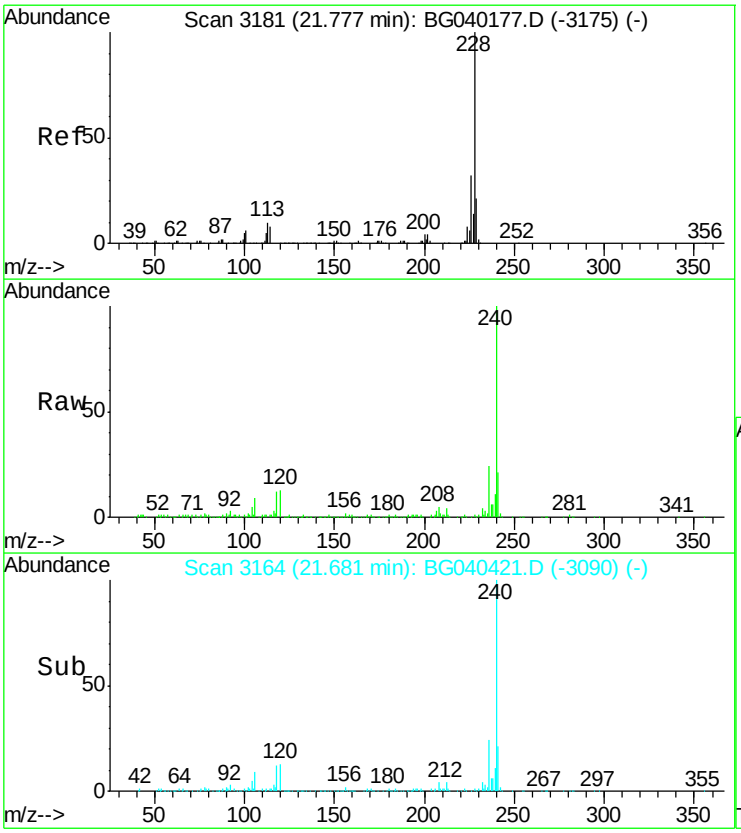
#82
3,3'-Dichlorobenzidine
Concen: 0.009 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 81

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

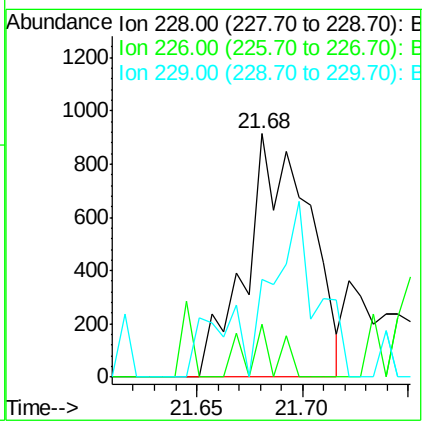


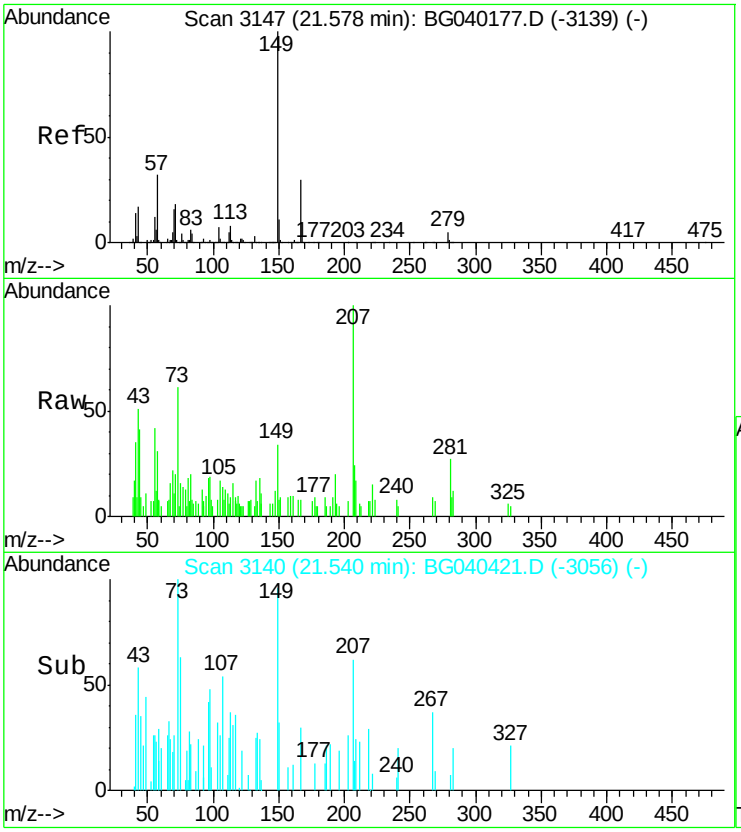


#83
Chrysene
Concen: 0.080 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.10 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:228 Resp: 1904

Ion	Ratio	Lower	Upper
228	100		
226	21.9	25.4	38.0#
229	40.2	17.0	25.4#



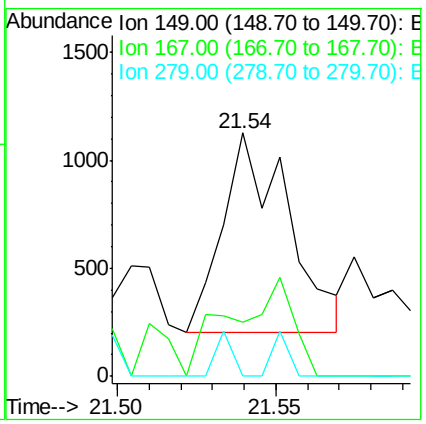


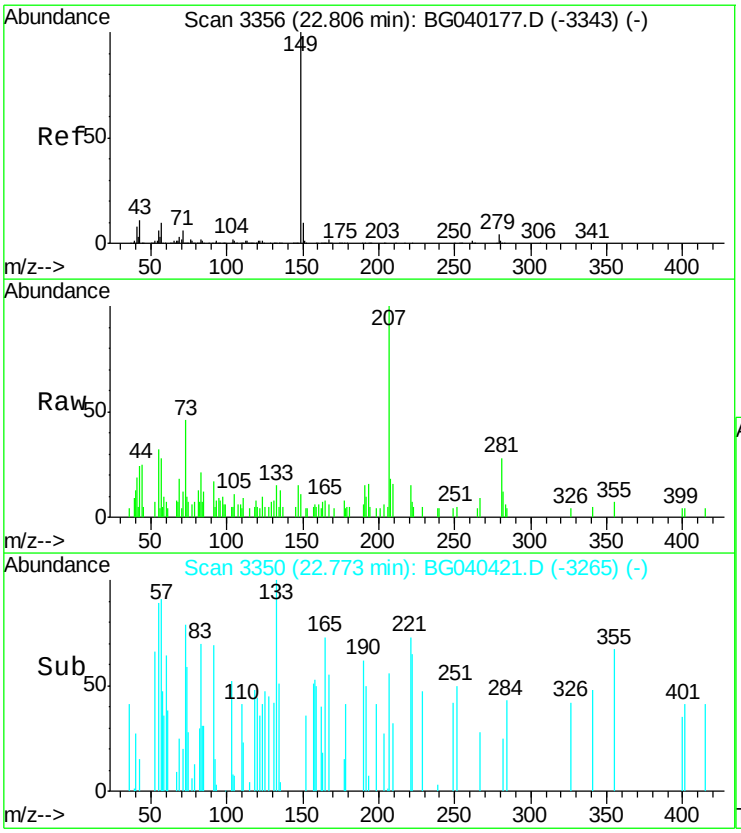
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1313

Ion	Ratio	Lower	Upper
149	100		
167	22.2	24.1	36.1#
279	0.0	4.1	6.1#

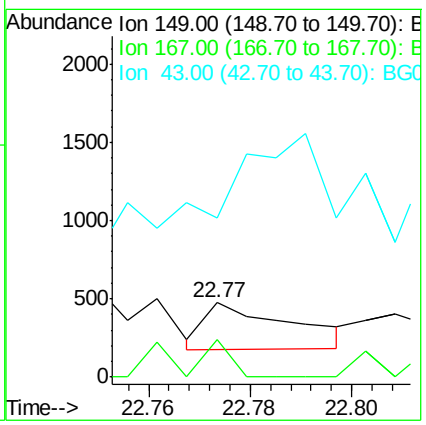


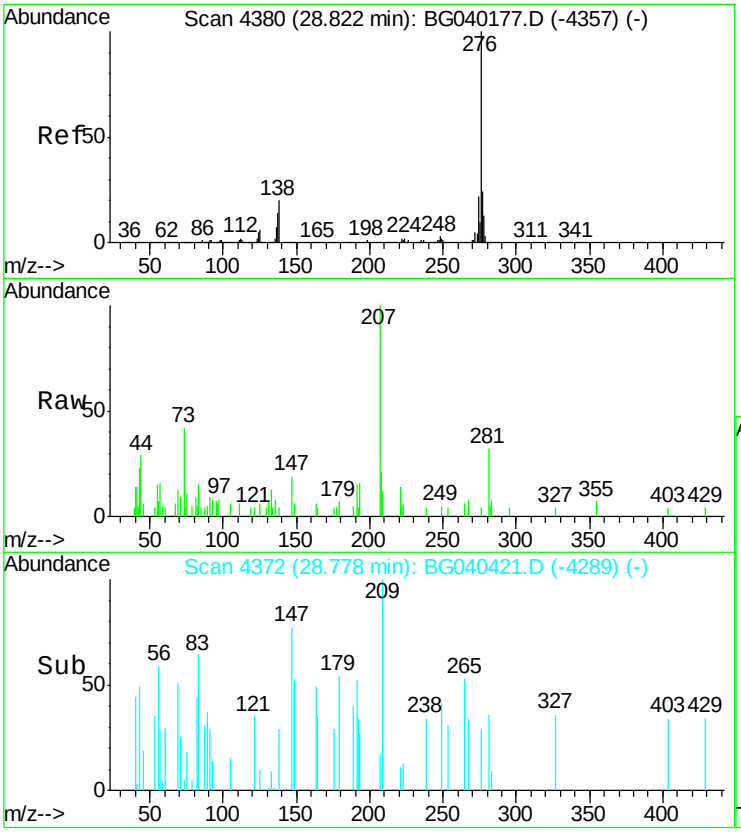


#85
Di-n-octyl phthalate
Concen: 0.013 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.03 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:149 Resp: 348

Ion	Ratio	Lower	Upper
149	100		
167	46.8	1.4	2.0#
43	285.6	8.7	13.1#



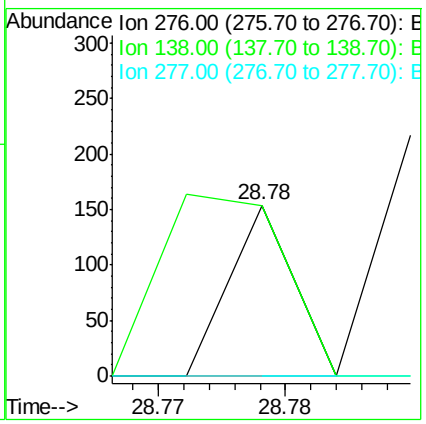


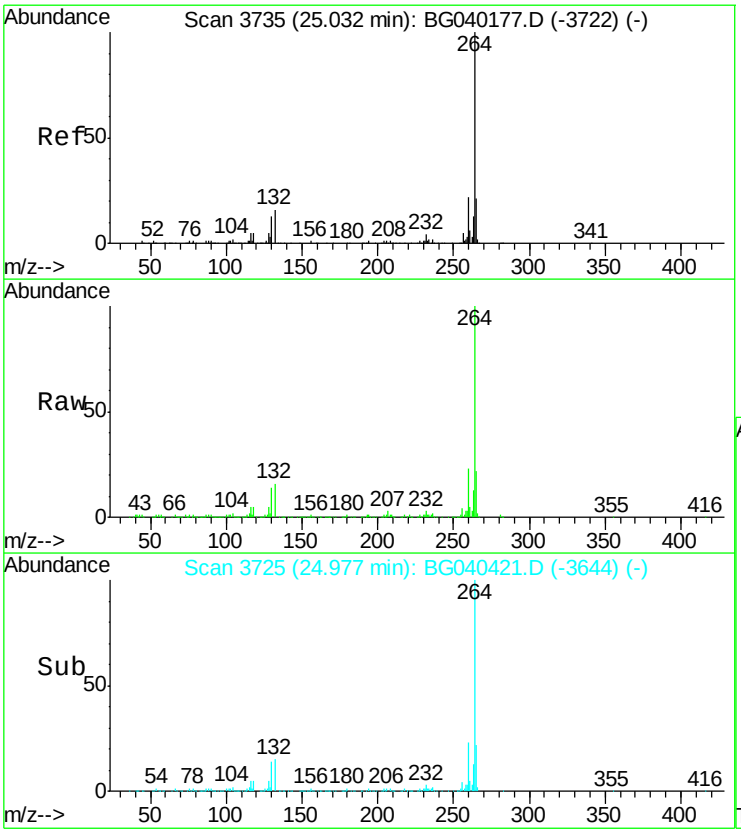
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 54

Ion	Ratio	Lower	Upper
276	100		
138	207.4	18.8	28.2#
277	0.0	21.0	31.4#

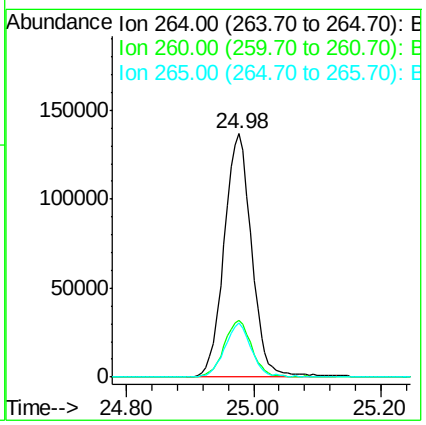


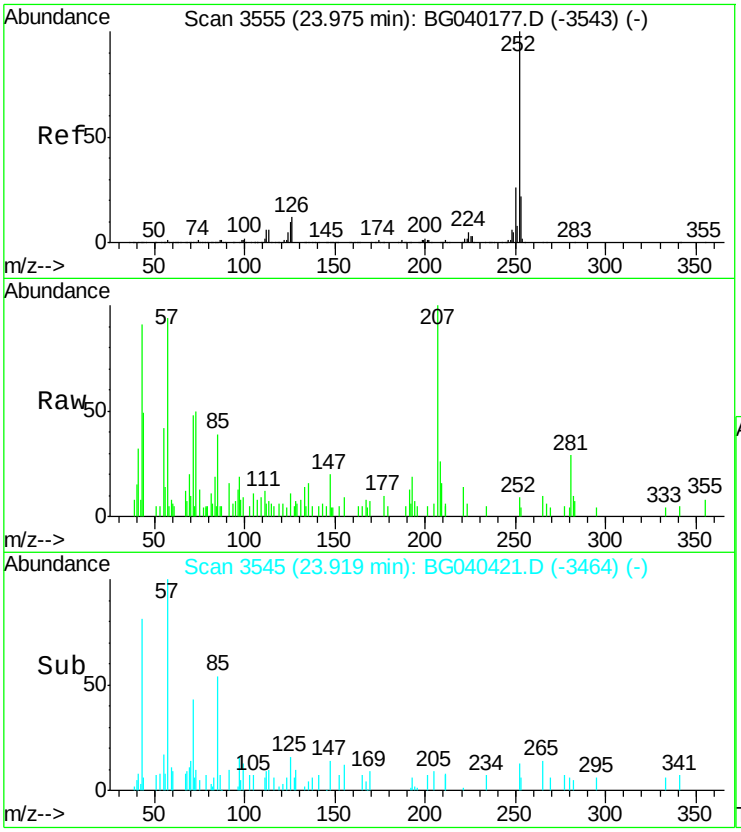


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:264 Resp: 410399

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	22.0	16.8	25.2



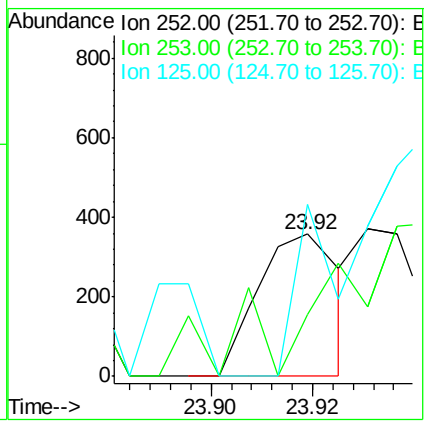


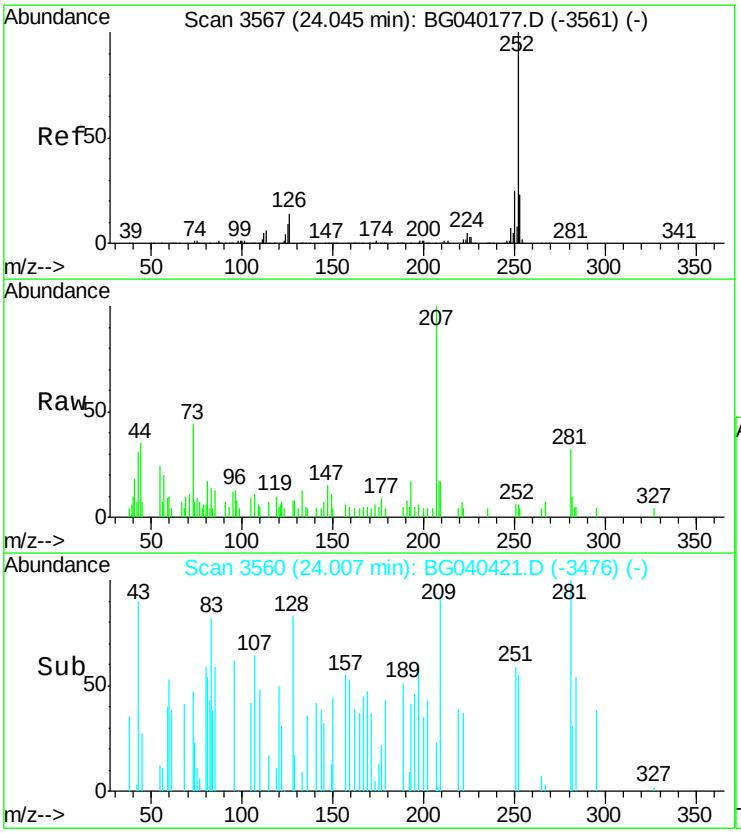
#88
Benzo(b)fluoranthene
Concen: 0.016 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.06 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 397

Ion	Ratio	Lower	Upper
252	100		
253	43.7	17.6	26.4#
125	121.3	8.2	12.4#

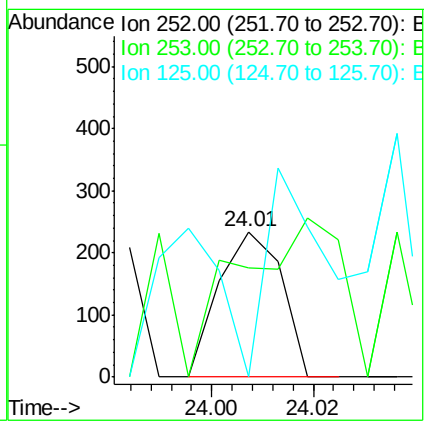


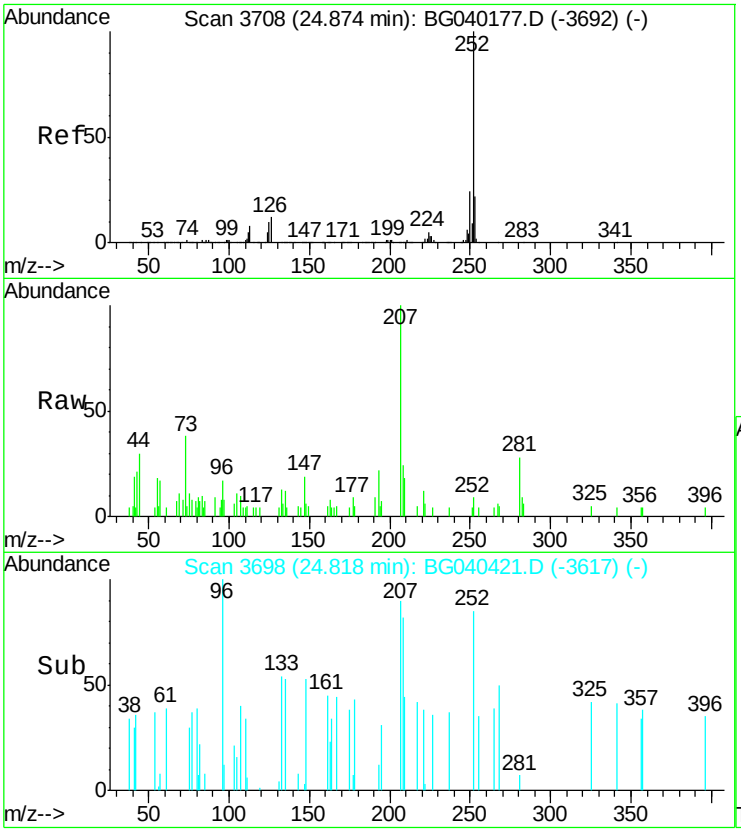


#89
Benzo(k)fluoranthene
Concen: 0.009 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:252 Resp: 203

Ion	Ratio	Lower	Upper
252	100		
253	42.9	18.6	28.0#
125	0.0	7.3	10.9#



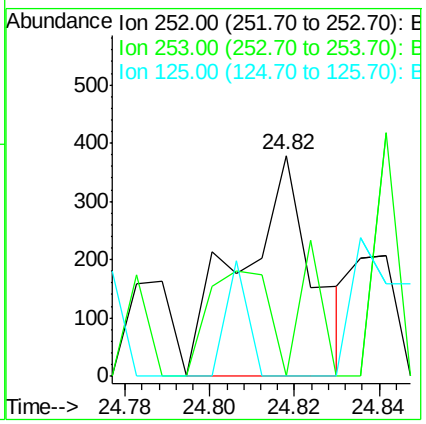


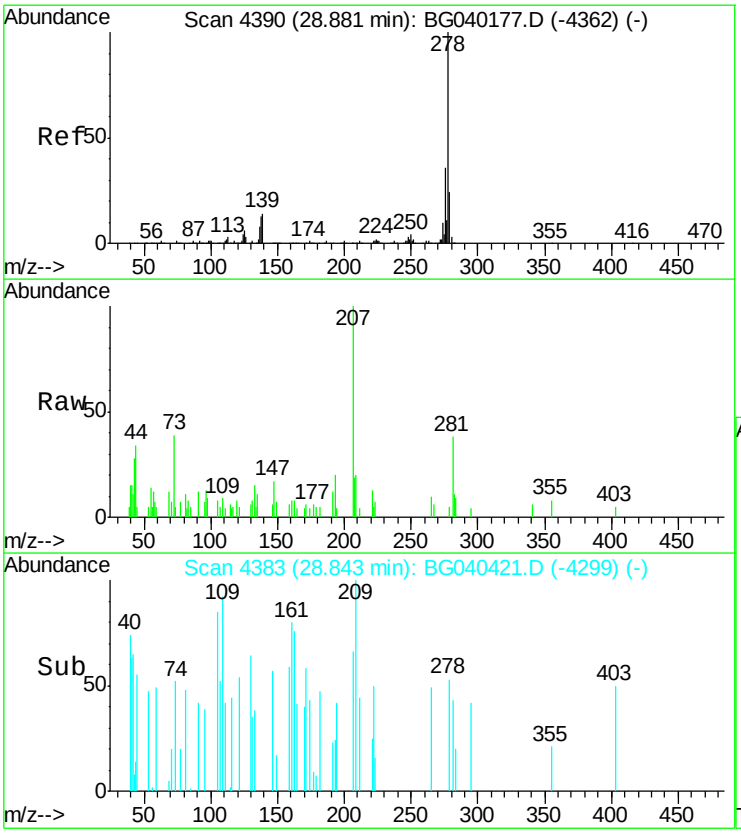
#90
Benzo(a)pyrene
Concen: 0.019 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 450

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

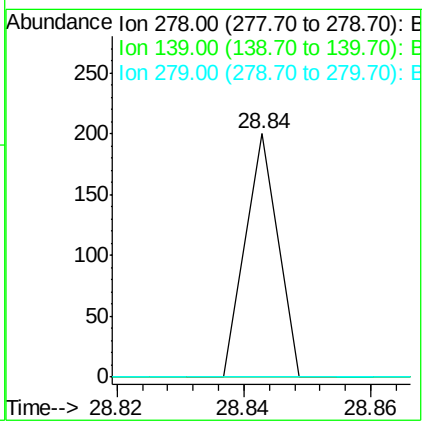


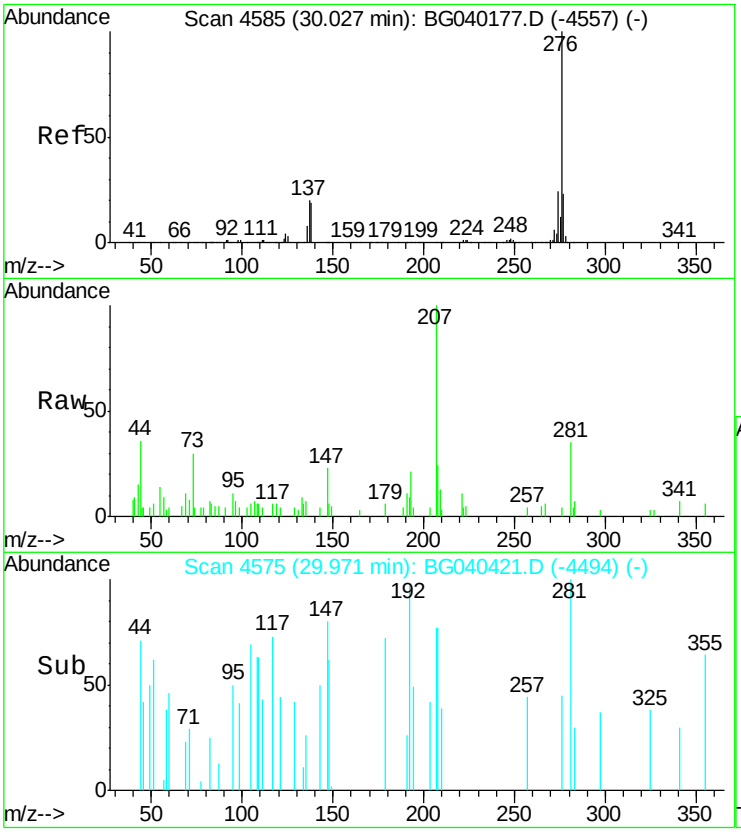


#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.04 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Tgt Ion:278 Resp: 71

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	0.0	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 29.97 min Scan# 4575
Delta R.T. -0.06 min
Lab File: BG040421.D
Acq: 10 Apr 2019 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 63

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