Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035603.D
Acq On : 12 Jul 2018 20:31
Operator : JU/SJ
Sample : PB110949BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110949BL

Quant Time: Jul 13 00:39:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	37961	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	148196	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	107528	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	308197	20.00	ng	0.00
75) Chrysene-d12	21.68	240	338549	20.00	ng	0.00
86) Perylene-d12	24.91	264	310704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	308033	134.72	ng	0.00
7) Phenol-d6	7.22	99	445756	130.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	281467	79.34	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	184362	130.08	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	664253	82.76	ng	0.00
78) Terphenyl-d14	20.03	244	1315144	85.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	190	0.163	ng	# 1
3) Pyridine	3.99	79	56	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	179	0.137	ng	# 1
6) Aniline	7.39	93	129	0.029	ng	# 1
8) 2-Chlorophenol	7.60	128	120	0.052	ng	# 1
9) Benzaldehyde	7.22	77	1016	0.485	ng	# 5
10) Phenol	7.23	94	62	0.018	ng	# 1
11) bis(2-Chloroethyl)ether	7.39	93	129	0.048	ng	# 16
12) 1,3-Dichlorobenzene	7.64	146	74	0.026	ng	# 26
13) 1,4-Dichlorobenzene	8.38	146	141	0.049	ng	# 1
14) 1,2-Dichlorobenzene	8.38	146	141	0.051	ng	# 1
15) Benzyl Alcohol	8.38	79	5839	1.885	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.60	45	55	0.024	ng	75
18) Hexachloroethane	9.59	117	63	0.058	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	40495	14.097	ng	# 67
22) Acetophenone	8.91	105	56	0.012	ng	# 50
24) Nitrobenzene	9.21	77	881	0.247	ng	# 36
25) Isophorone	9.49	82	226	0.034	ng	# 69
26) 2-Nitrophenol	9.83	139	54	0.043	ng	# 29
27) 2,4-Dimethylphenol	9.75	122	72	0.034	ng	# 1
28) bis(2-Chloroethoxy)methane	10.11	93	57	0.016	ng	# 51
29) 2,4-Dichlorophenol	10.42	162	55	0.022	ng	# 23
30) 1,2,4-Trichlorobenzene	10.73	180	53	0.018	ng	# 12
31) Naphthalene	10.97	128	54	0.007	ng	# 68
32) Benzoic acid	9.75	122	72	0.050	ng	# 1
33) 4-Chloroaniline	11.19	127	65	0.019	ng	# 16
34) Hexachlorobutadiene	11.60	225	78	0.033	ng	# 20
35) Caprolactam	11.72	113	56	0.053	ng	# 1
36) 4-Chloro-3-methylphenol	11.87	107	57	0.017	ng	# 22
42) 2,4,6-Trichlorophenol	13.35	196	61	0.026	ng	# 11
43) 2,4,5-Trichlorophenol	13.35	196	61	0.023	ng	# 17
45) 1,1'-Biphenyl	13.52	154	686	0.082	ng	# 31
47) 2-Nitroaniline	13.72	65	76	0.033	ng	# 9
48) Acenaphthylene	14.39	152	74	0.007	ng	# 59

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035603.D
Acq On : 12 Jul 2018 20:31
Operator : JU/SJ
Sample : PB110949BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110949BL

Quant Time: Jul 13 00:39:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.52	163	97	0.010	ng	#	77
50) 2,6-Dinitrotoluene	14.68	165	14317	7.463	ng	#	20
51) Acenaphthene	14.68	154	467	0.069	ng	#	5
52) 3-Nitroaniline	14.61	138	59	0.030	ng	#	1
54) Dibenzofuran	15.19	168	73	0.007	ng	#	46
55) 4-Nitrophenol	14.90	139	63	0.045	ng	#	1
56) 2,4-Dinitrotoluene	14.68	165	14317	5.202	ng	#	17
57) Fluorene	16.16	166	5669	0.629	ng	#	68
59) Diethylphthalate	15.67	149	55	0.006	ng	#	58
60) 4-Chlorophenyl-phenylether	15.94	204	85	0.016	ng	#	30
62) Azobenzene	16.17	77	1275	0.133	ng	#	13
64) 4,6-Dinitro-2-methylphenol	15.50	198	63	0.037	ng	#	29
65) n-Nitrosodiphenylamine	16.17	169	7347	0.838	ng	#	44
66) 4-Bromophenyl-phenylether	16.17	248	16045	4.487	ng	#	1
67) Hexachlorobenzene	17.09	284	59	0.016	ng	#	41
68) Atrazine	17.23	200	65	0.018	ng	#	35
69) Pentachlorophenol	17.16	266	55	0.025	ng	#	19
70) Phenanthrene	17.42	178	66	0.004	ng	#	1
71) Anthracene	17.54	178	65	0.004	ng	#	2
72) Carbazole	17.52	167	75	0.005	ng	#	59
73) Di-n-butylphthalate	18.37	149	478	0.028	ng	#	78
74) Fluoranthene	19.80	202	146	0.007	ng		65
76) Benzidine	20.03	184	22571	2.536	ng	#	92
77) Pyrene	20.02	202	5186	0.242	ng	#	64
79) Butylbenzylphthalate	20.71	149	63	0.008	ng	#	20
80) Benzo(a)anthracene	21.68	228	942	0.045	ng	#	63
81) 3,3'-Dichlorobenzidine	21.65	252	74	0.010	ng	#	26
82) Chrysene	21.73	228	59	0.003	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.57	149	287	0.028	ng	#	50
84) Di-n-octyl phthalate	22.78	149	337	0.019	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.63	276	59	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.88	252	72	0.004	ng	#	59
88) Benzo(k)fluoranthene	23.95	252	55	0.003	ng	#	60
89) Benzo(a)pyrene	24.74	252	244	0.014	ng	#	59
90) Dibenzo(a,h)anthracene	28.36	278	54	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.74	276	57	0.003	ng	#	56

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035603.D
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Sample : PB110949BL
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Instrument :
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Quant Time: Jul 13 00:39:30 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
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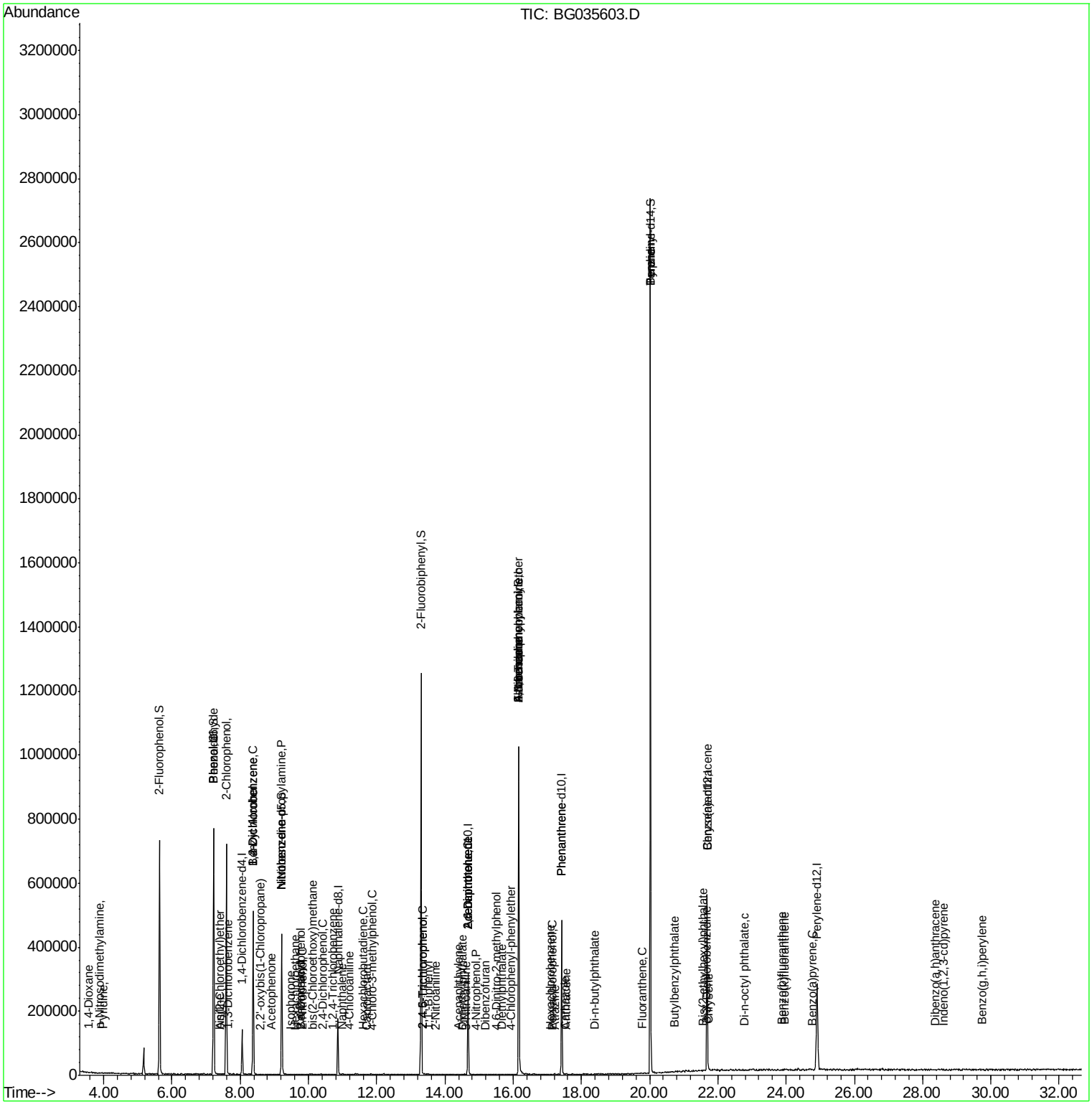
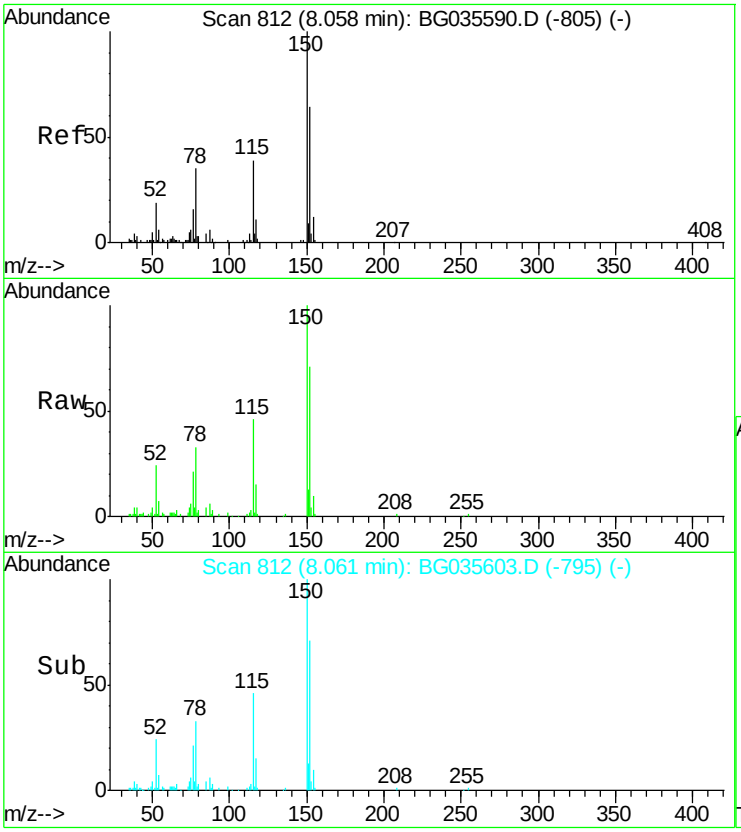


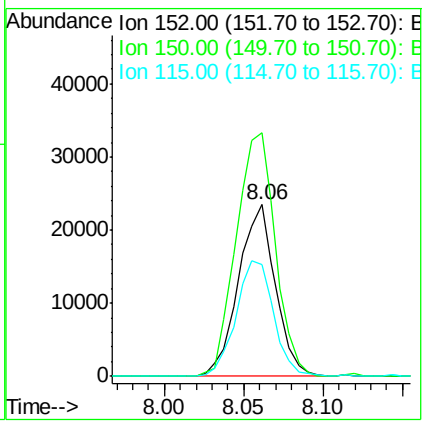


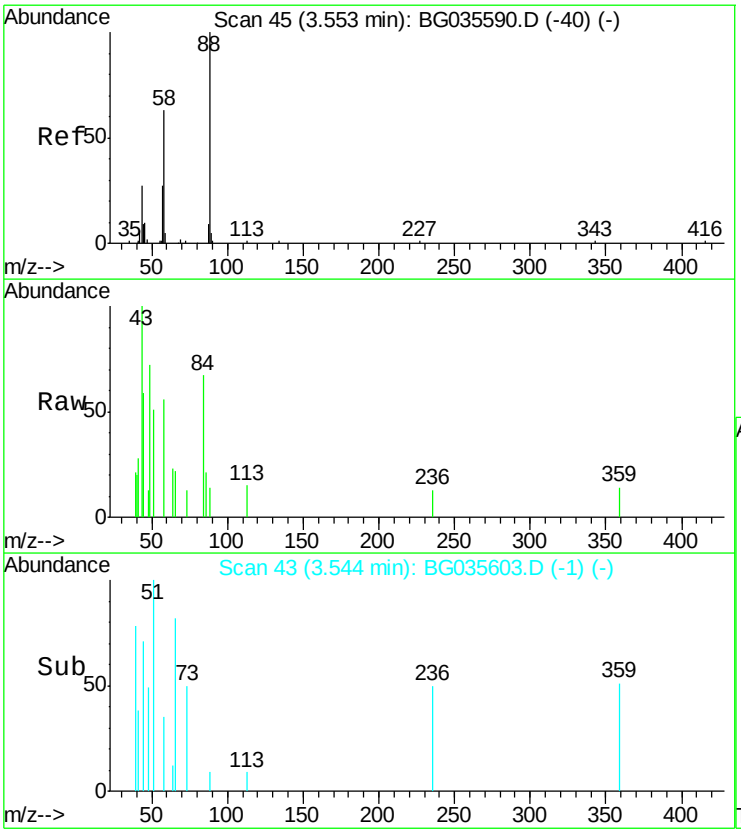
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:152 Resp: 37961

Ion	Ratio	Lower	Upper
152	100		
150	141.7	126.6	189.8
115	65.1	53.0	79.4

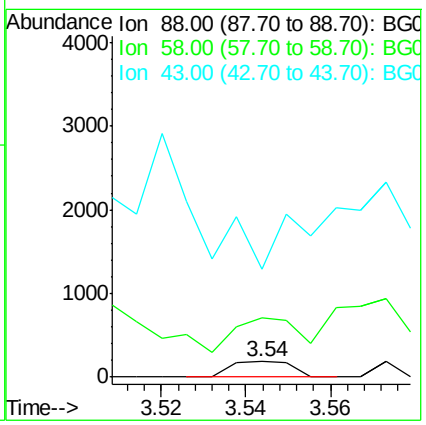


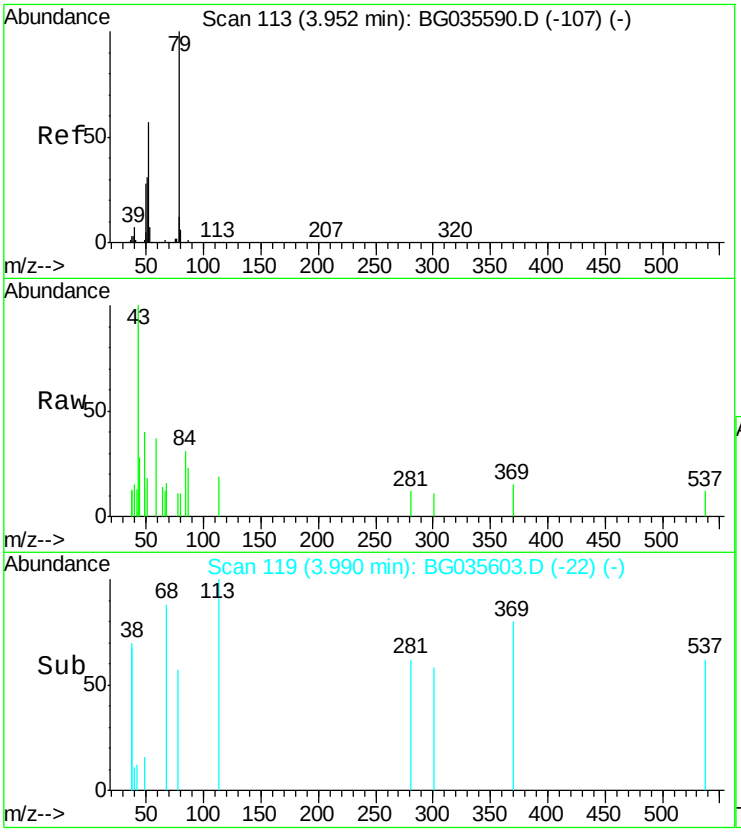


#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 88 Resp: 190

Ion	Ratio	Lower	Upper
88	100		
58	218.4	79.6	119.4#
43	0.0	27.4	41.0#



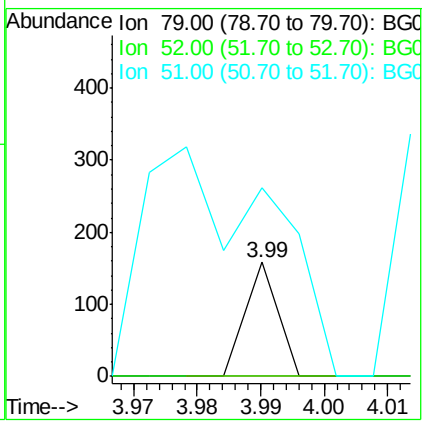


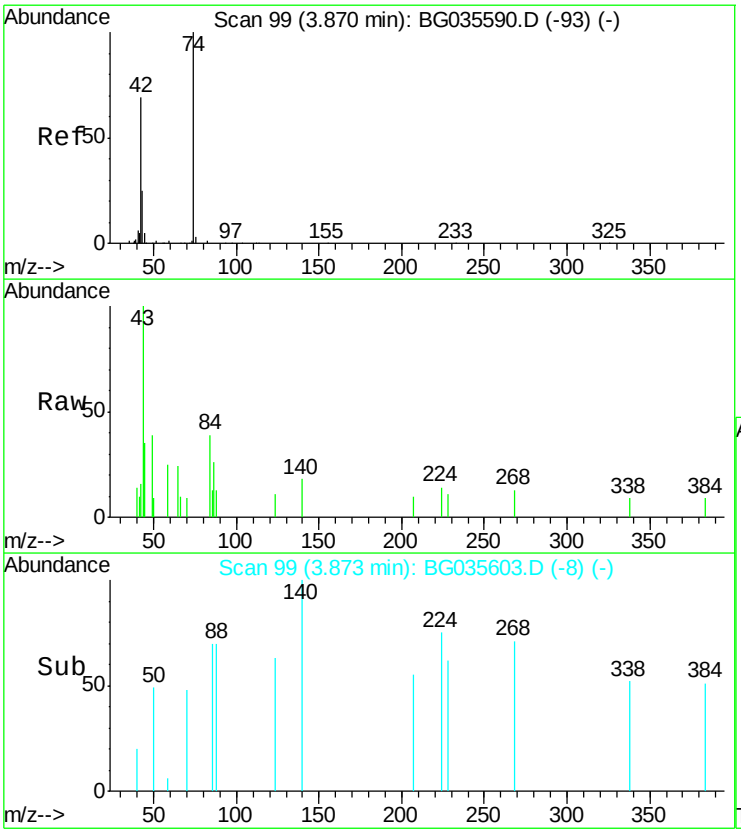
#3
Pyridine
Concen: 0.018 ng
RT: 3.99 min Scan# 119
Delta R.T. 0.04 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 79 Resp: 56

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	165.2	34.0	51.0#

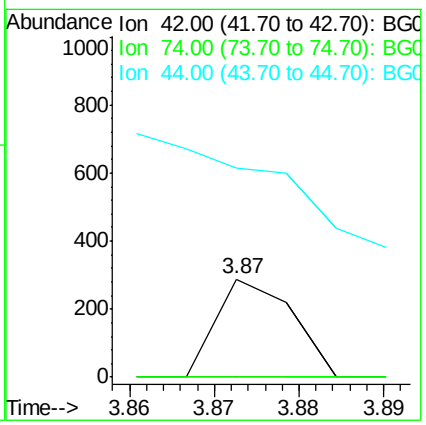


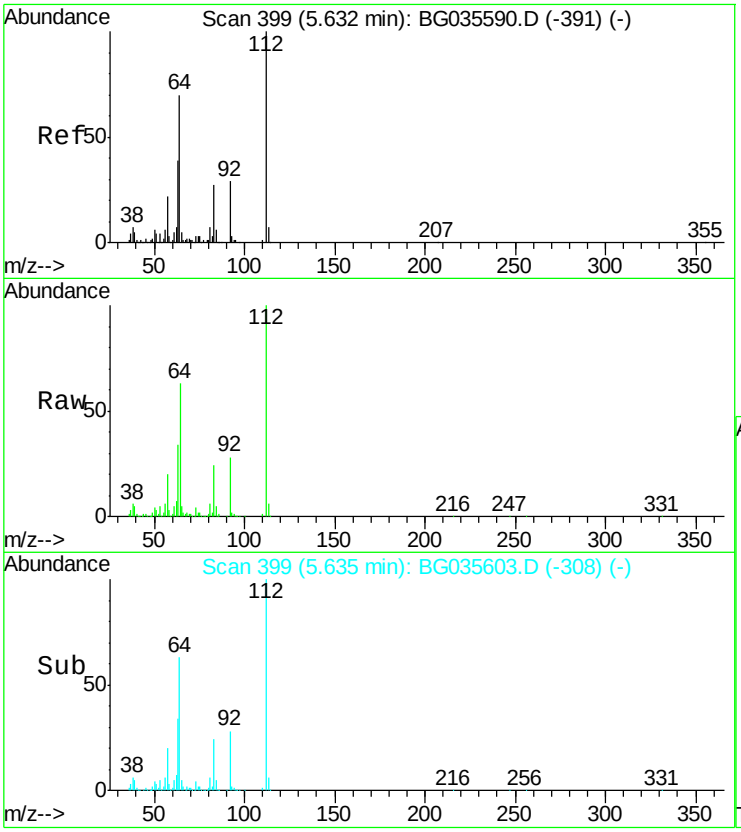


#4
n-Nitrosodimethylamine
Concen: 0.137 ng
RT: 3.87 min Scan# 99
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 42 Resp: 179

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	212.8	18.9	28.3#



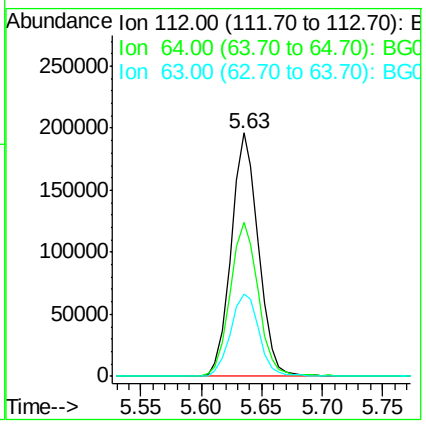


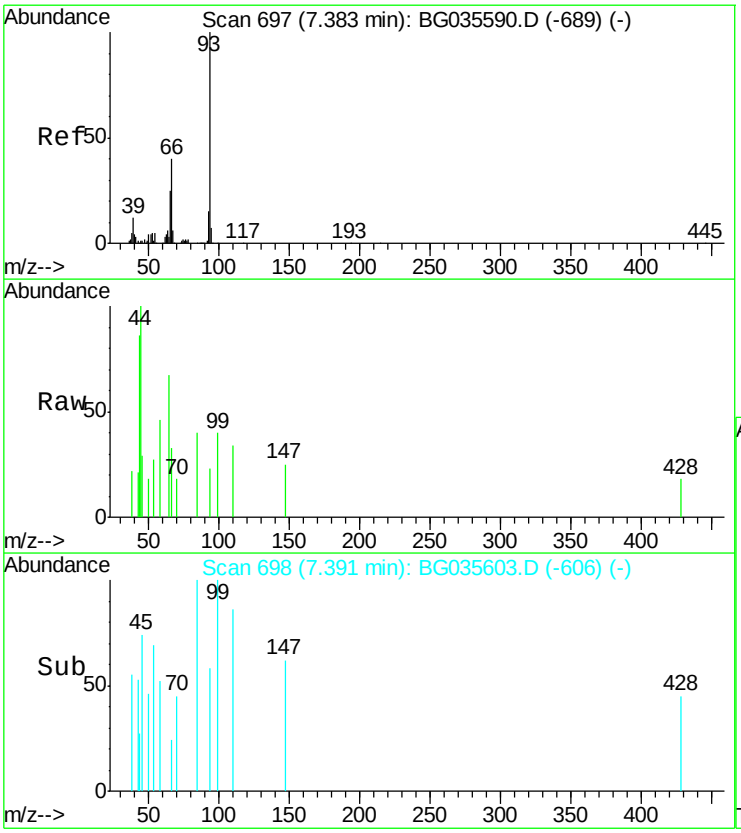
#5
2-Fluorophenol
Concen: 134.719 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:112 Resp: 308033

Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	34.1	30.1	45.1

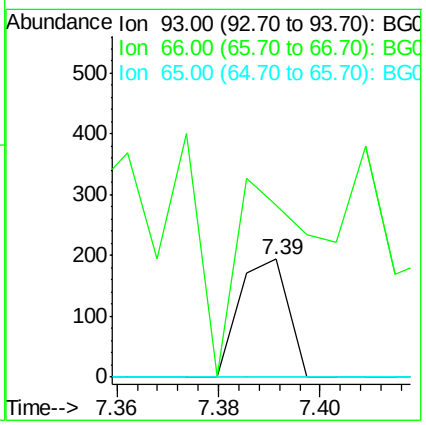


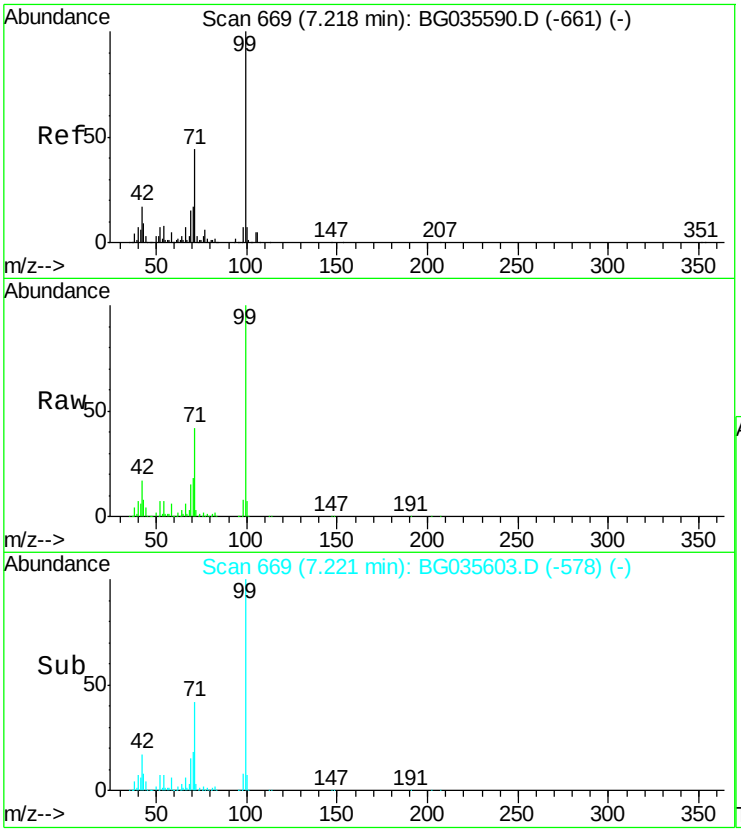


#6
Aniline
Concen: 0.029 ng
RT: 7.39 min Scan# 698
Delta R.T. 0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 93 Resp: 129

Ion	Ratio	Lower	Upper
93	100		
66	145.4	33.7	50.5#
65	0.0	16.1	24.1#



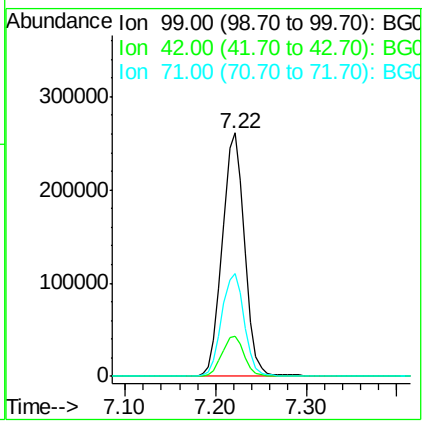


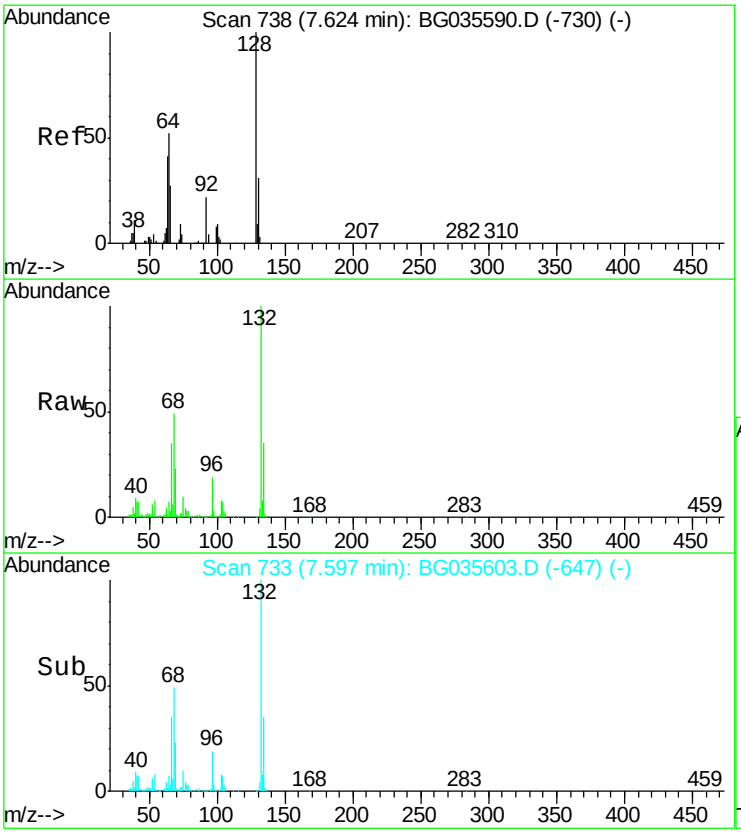
#7
Phenol-d6
Concen: 130.666 ng
RT: 7.22 min Scan# 669
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 99 Resp: 445756

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	42.4	26.1	39.1#

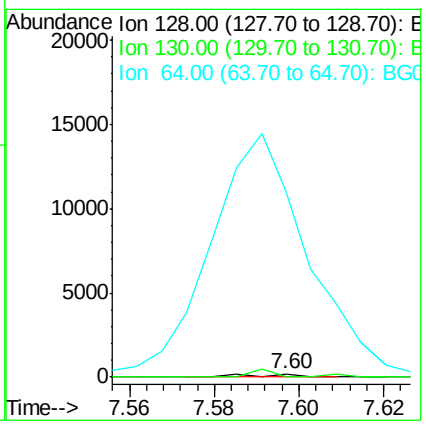


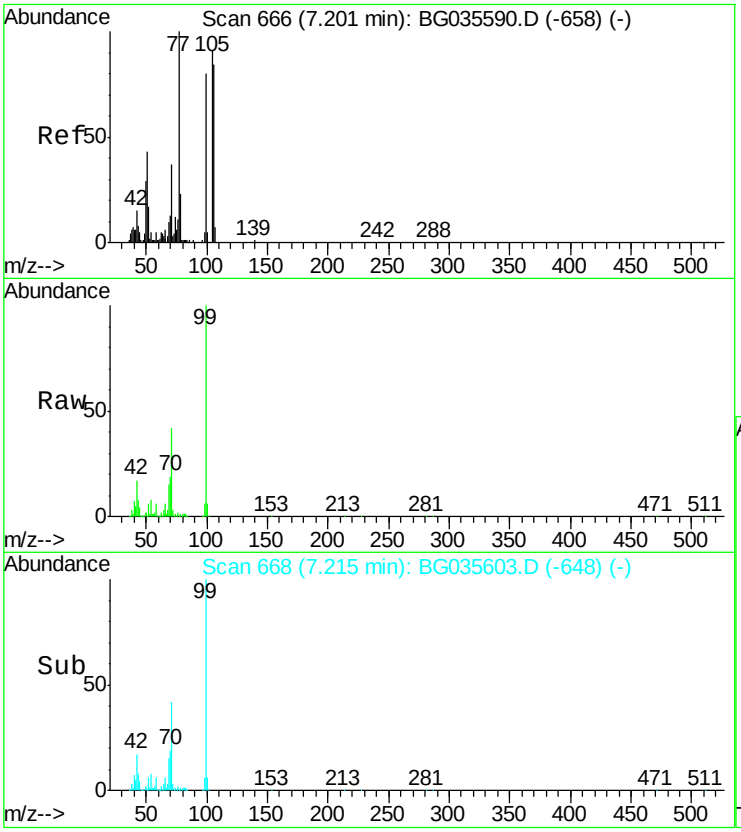


#8
2-Chlorophenol
Concen: 0.052 ng
RT: 7.60 min Scan# 733
Delta R.T. -0.03 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:128 Resp: 120

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	6073.9	37.7	77.7#



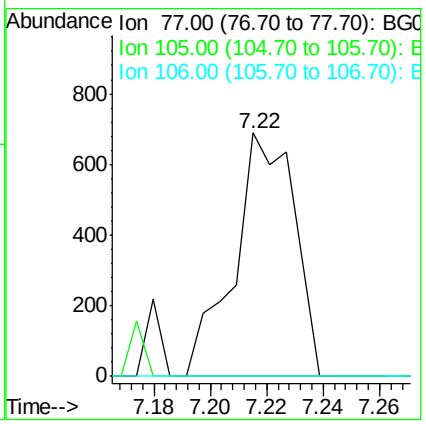


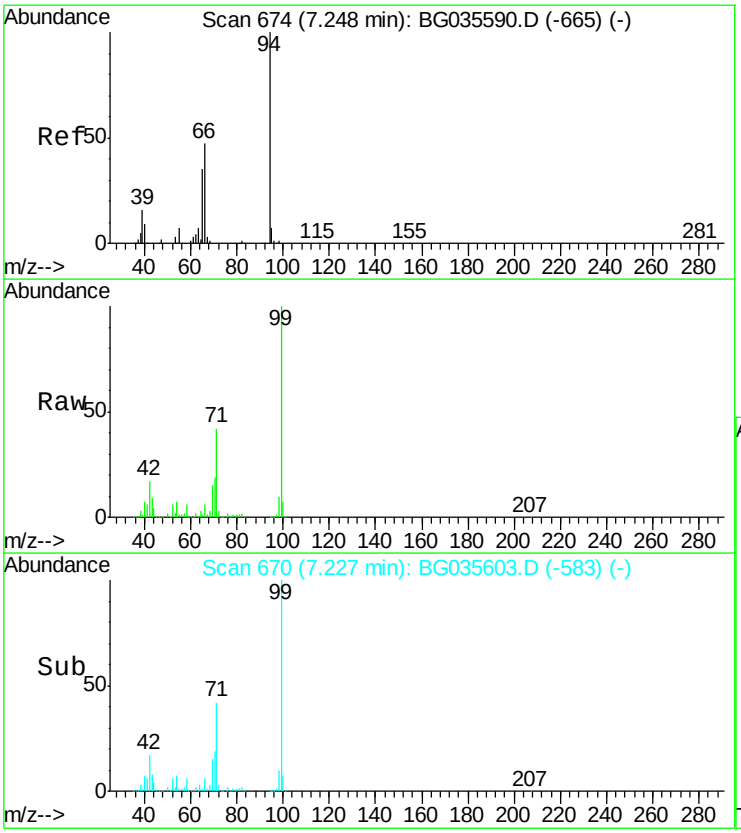
#9
Benzaldehyde
Concen: 0.485 ng
RT: 7.22 min Scan# 668
Delta R.T. 0.02 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 77 Resp: 1016

Ion	Ratio	Lower	Upper
77	100		
105	0.0	71.3	111.3#
106	0.0	64.2	104.2#

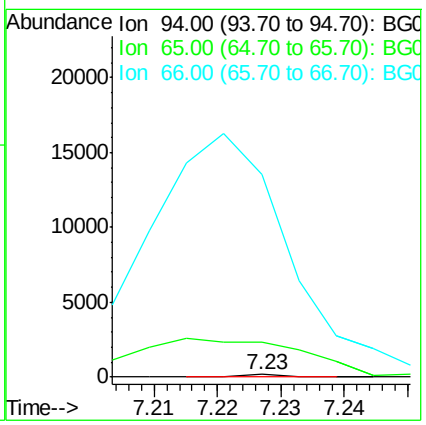


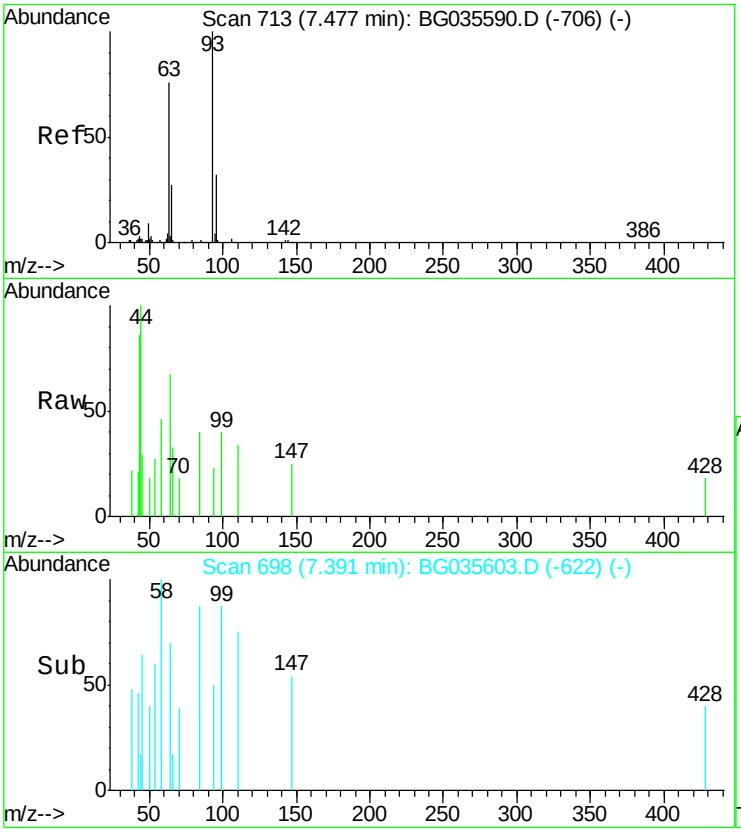


#10
Phenol
Concen: 0.018 ng
RT: 7.23 min Scan# 670
Delta R.T. -0.02 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 94 Resp: 62

Ion	Ratio	Lower	Upper
94	100		
65	1309.0	11.9	51.9#
66	7666.1	22.2	62.2#



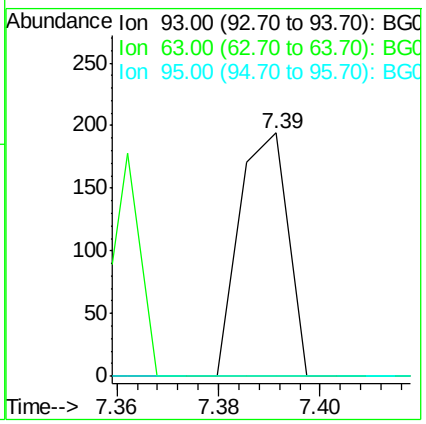


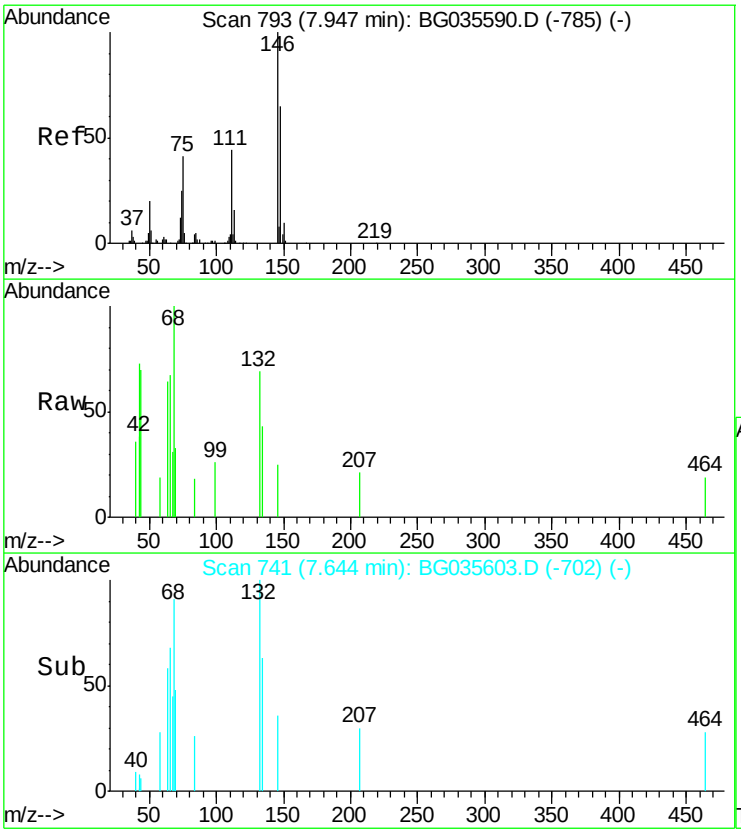
#11
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.39 min Scan# 698
Delta R.T. -0.09 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 93 Resp: 129

Ion	Ratio	Lower	Upper
93	100		
63	0.0	67.1	107.1#
95	0.0	11.5	51.5#

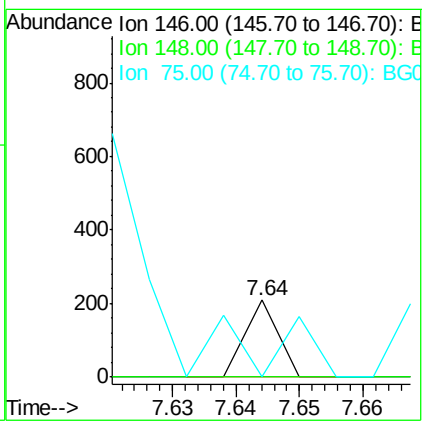


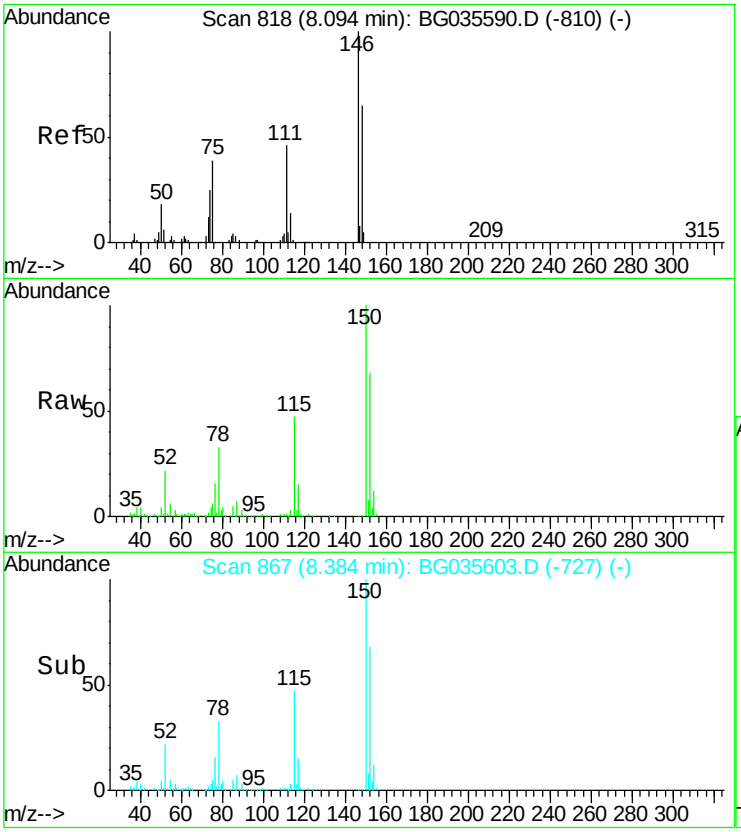


#12
1,3-Dichlorobenzene
Concen: 0.026 ng
RT: 7.64 min Scan# 741
Delta R.T. -0.30 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:146 Resp: 74

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
75	0.0	26.6	39.8#



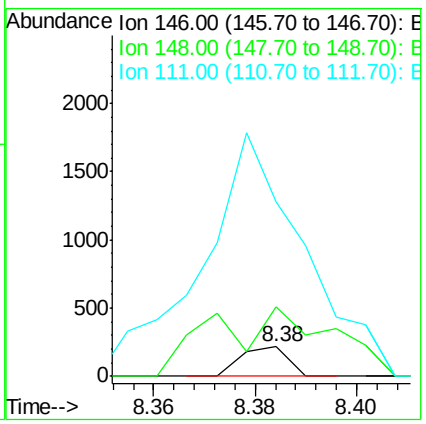


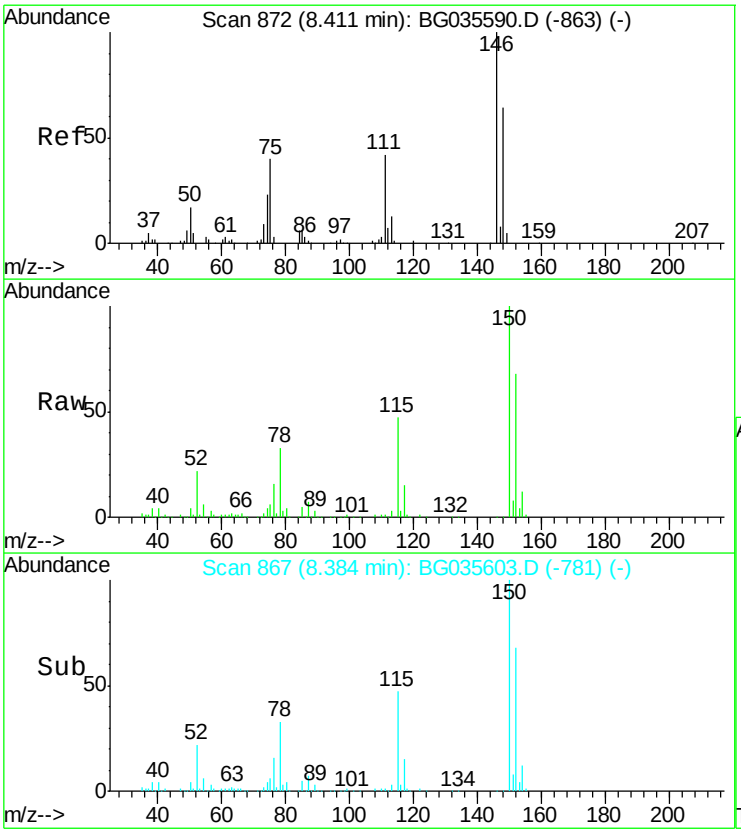
#13
1,4-Dichlorobenzene
Concen: 0.049 ng
RT: 8.38 min Scan# 867
Delta R.T. 0.29 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:146 Resp: 141

Ion	Ratio	Lower	Upper
146	100		
148	233.9	53.7	80.5#
111	588.5	35.2	52.8#

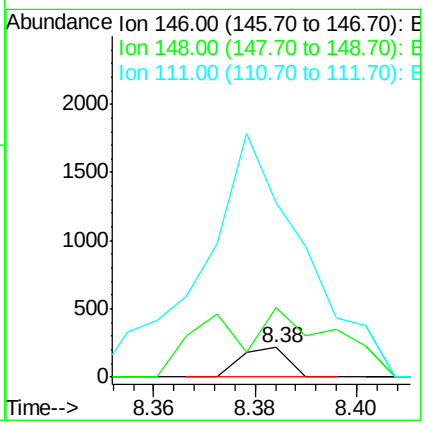


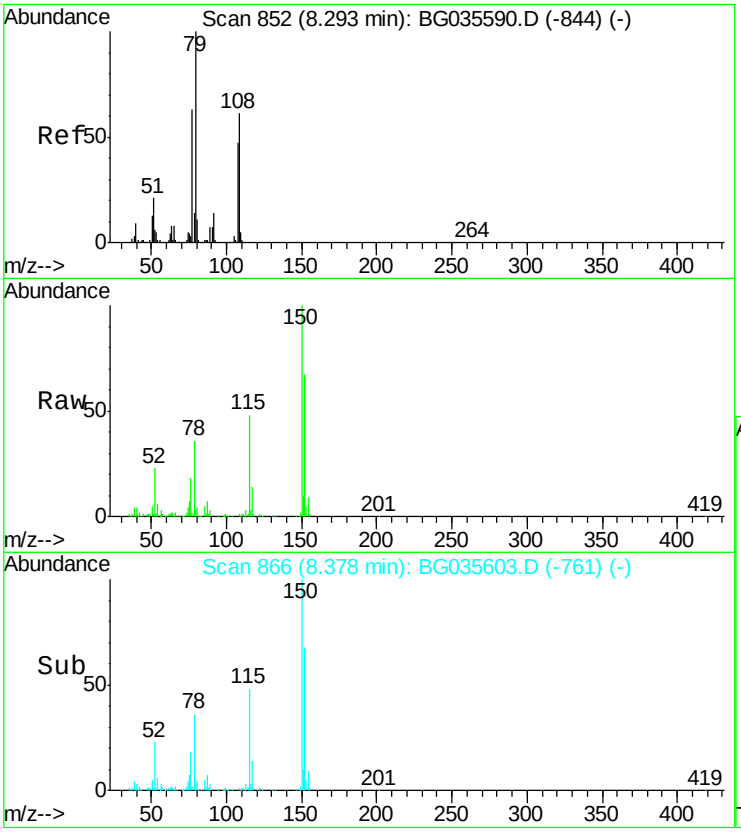


#14
1,2-Dichlorobenzene
Concen: 0.051 ng
RT: 8.38 min Scan# 867
Delta R.T. -0.03 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:146 Resp: 141

Ion	Ratio	Lower	Upper
146	100		
148	233.9	49.3	73.9#
111	588.5	34.3	51.5#



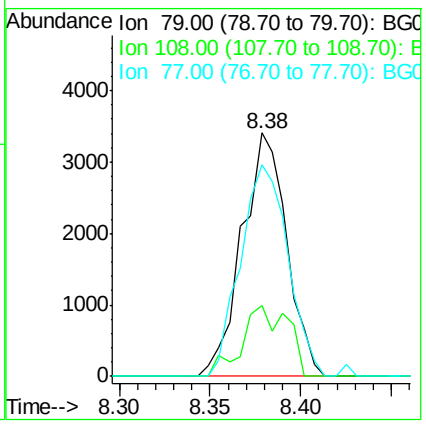


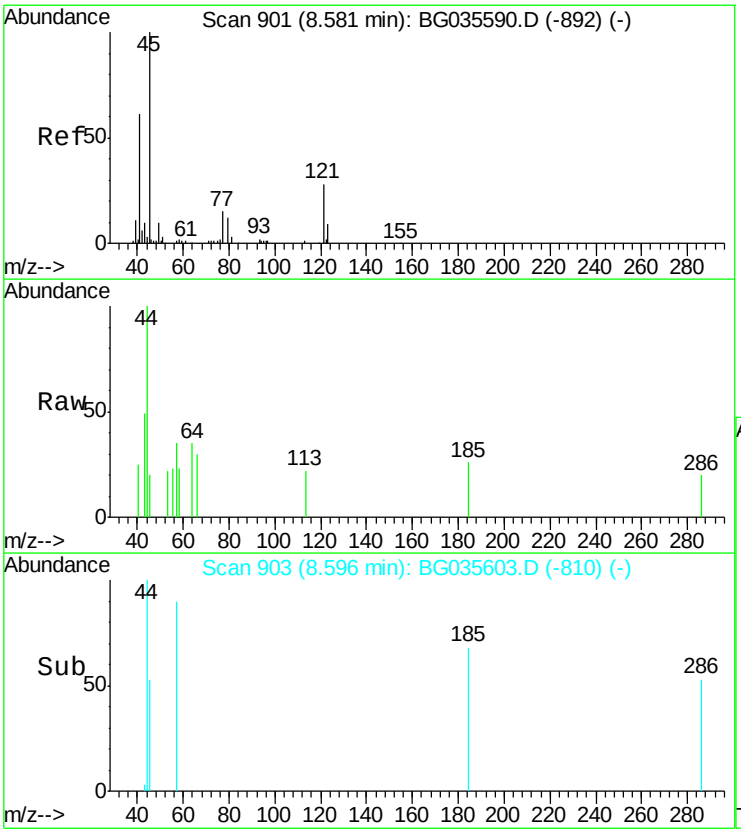
#15
Benzyl Alcohol
Concen: 1.885 ng
RT: 8.38 min Scan# 866
Delta R.T. 0.08 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 79 Resp: 5839

Ion	Ratio	Lower	Upper
79	100		
108	29.4	57.2	85.8#
77	86.8	46.1	69.1#

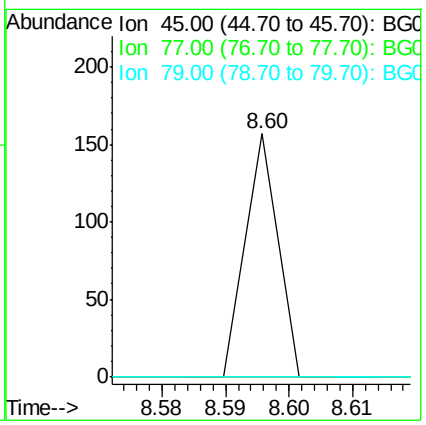


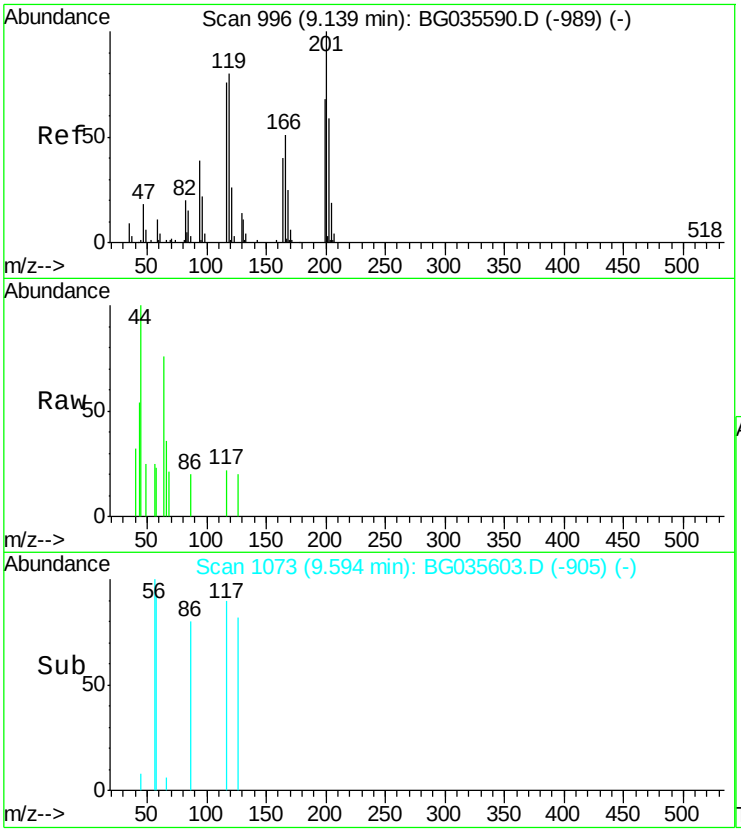


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.024 ng
RT: 8.60 min Scan# 903
Delta R.T. 0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 45 Resp: 55

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.2
79	0.0	0.0	27.9



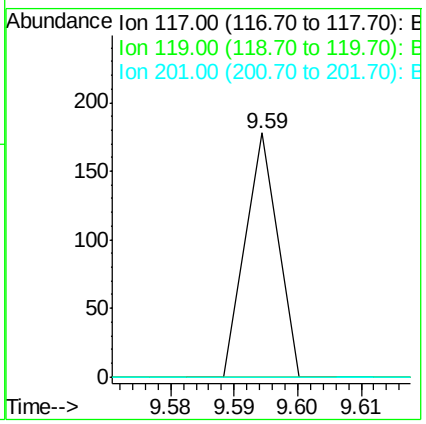


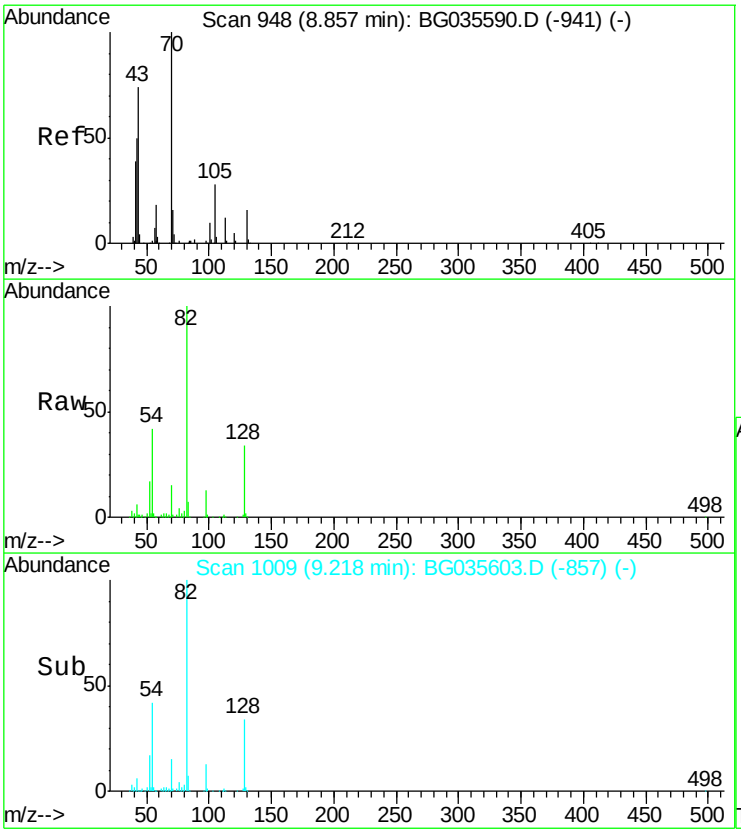
#18
Hexachloroethane
Concen: 0.058 ng
RT: 9.59 min Scan# 1073
Delta R.T. 0.45 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:117 Resp: 63

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	95.7	143.5#

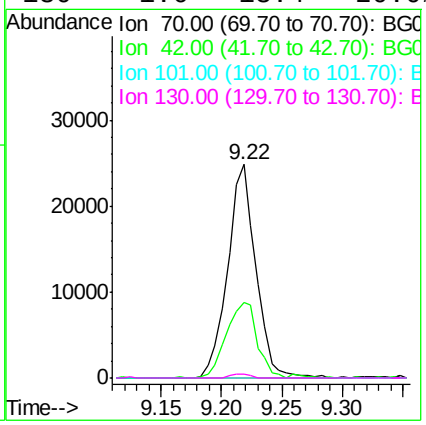


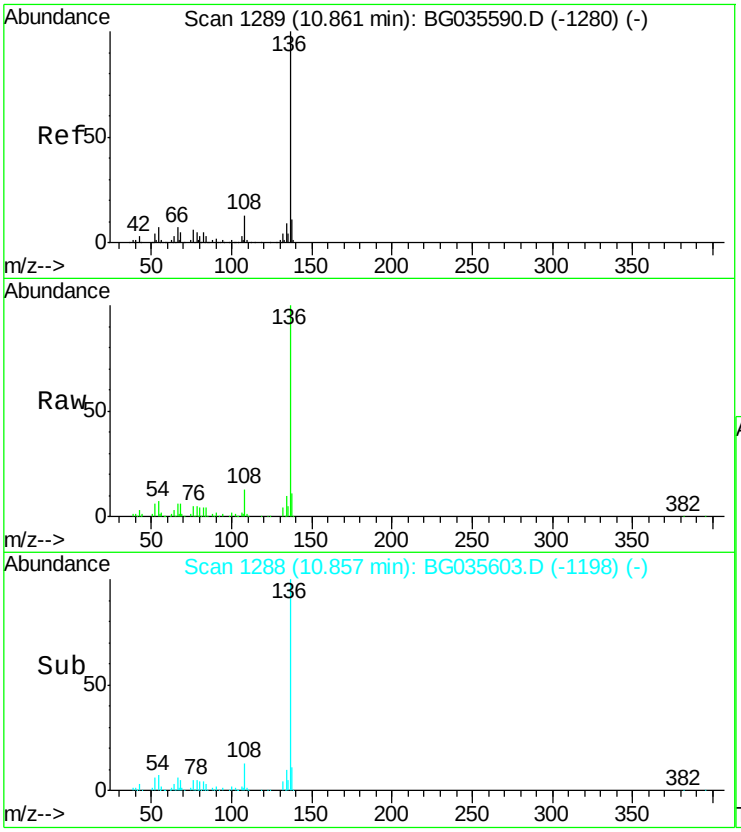


#19
n-Nitroso-di-n-propylamine
Concen: 14.097 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 70 Resp: 40495

Ion	Ratio	Lower	Upper
70	100		
42	35.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



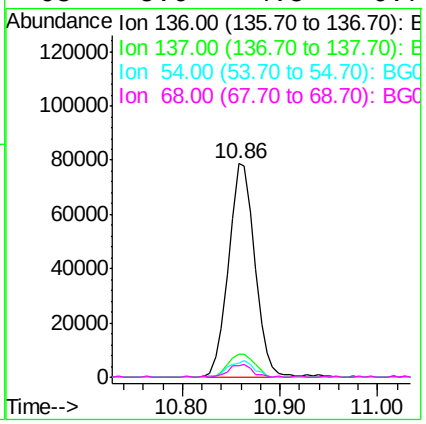


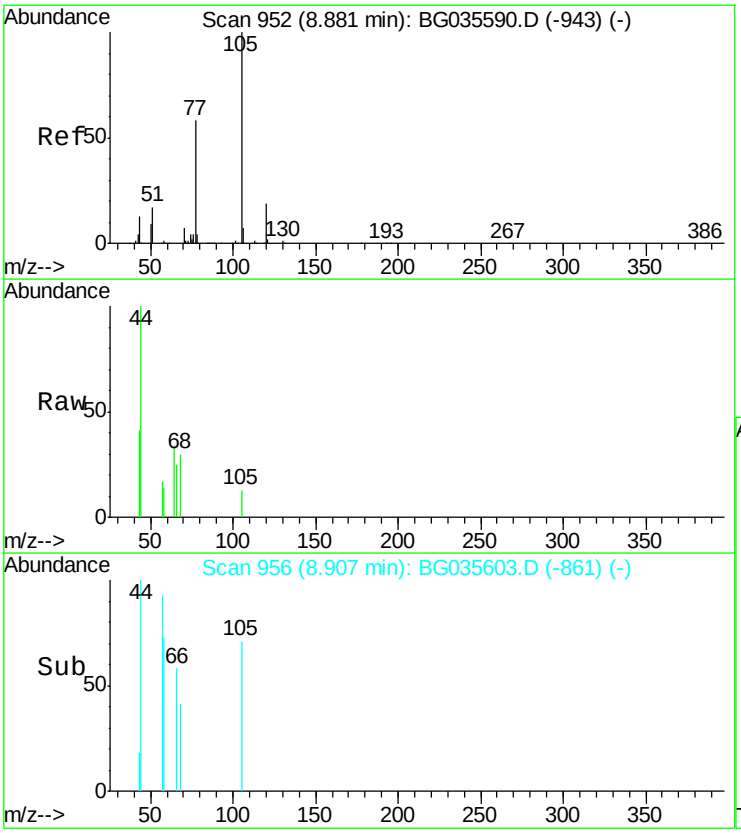
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument : BNA_G
ClientSampleId : PB110949BL

Tgt Ion:136 Resp: 148196

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.7	10.3	15.5#
68	5.6	4.5	6.7

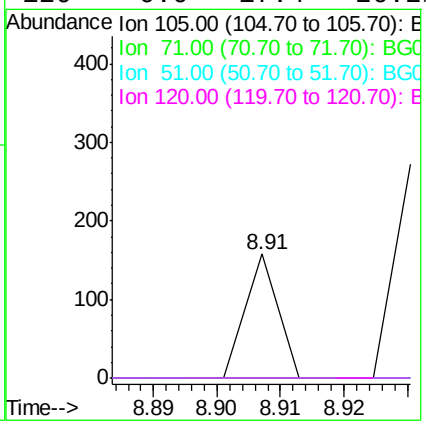


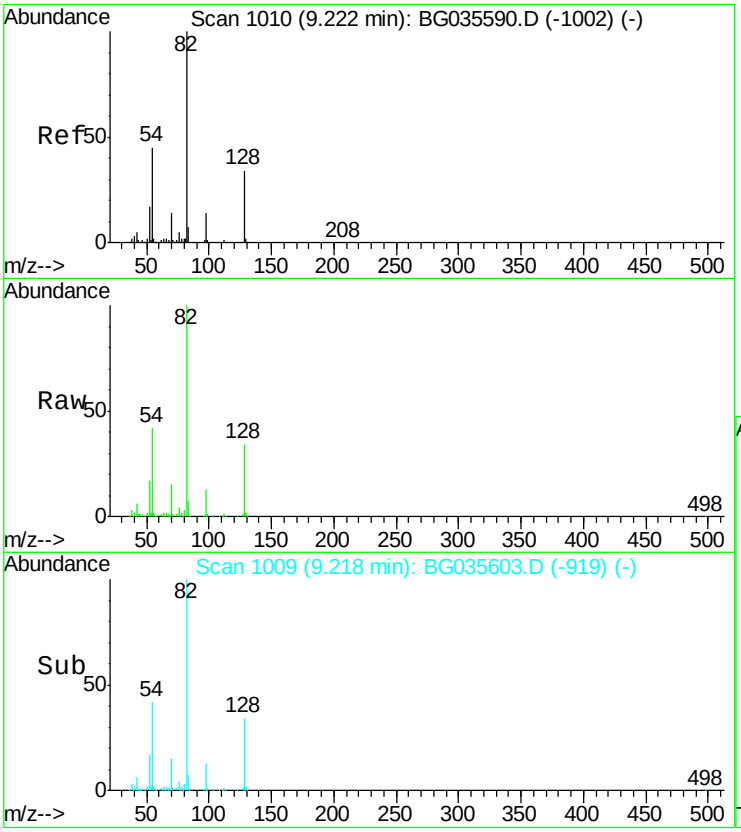


#22
Acetophenone
Concen: 0.012 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.03 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:105 Resp: 56

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	17.4	26.2#



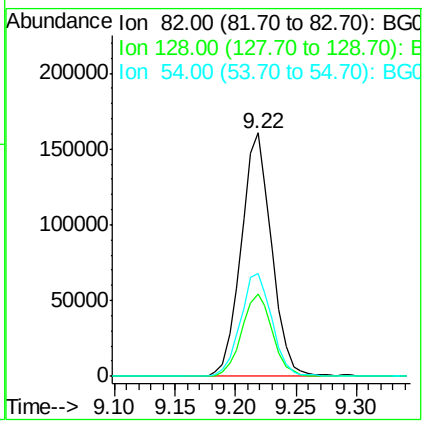


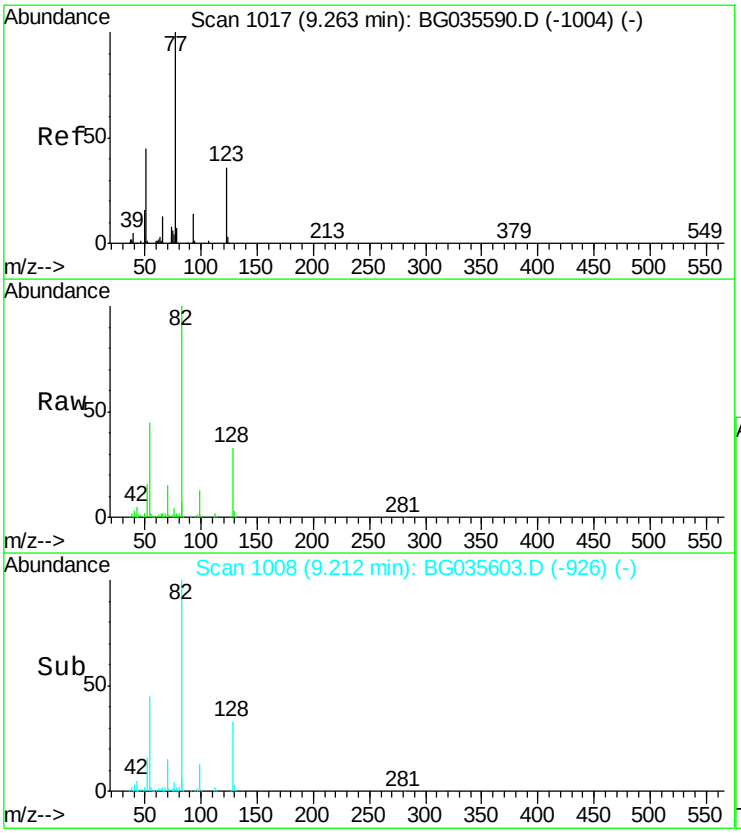
#23
Nitrobenzene-d5
Concen: 79.342 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 82 Resp: 281467

Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	42.4	43.1	64.7#

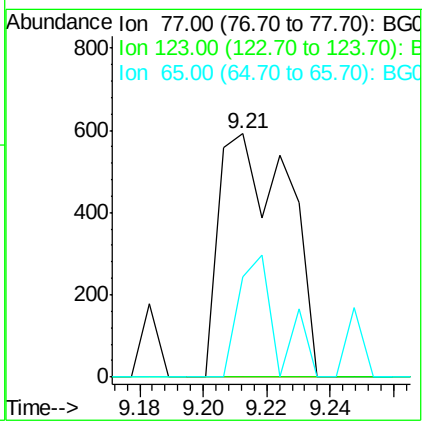


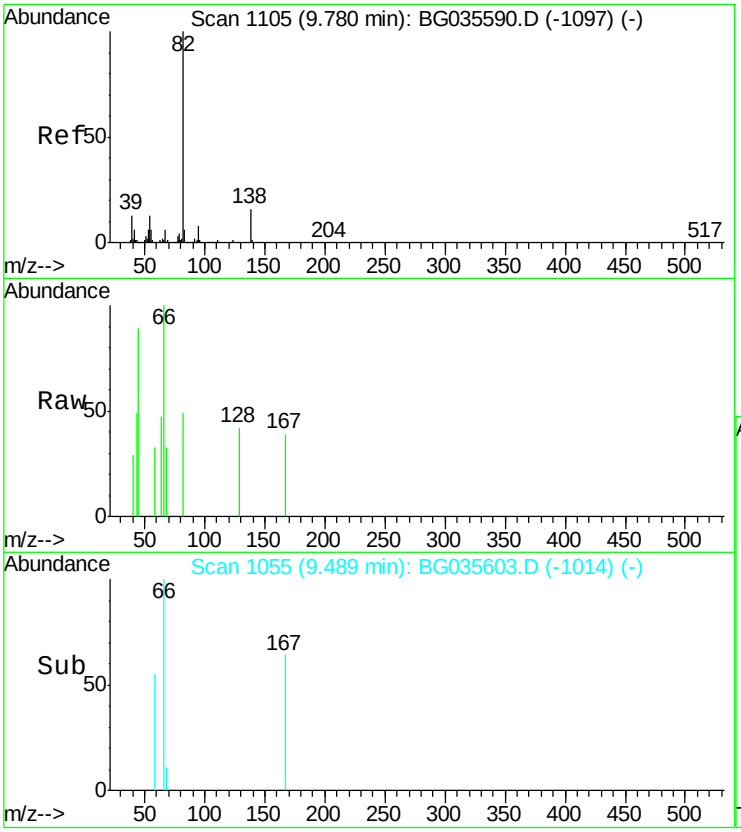


#24
Nitrobenzene
Concen: 0.247 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.05 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 77 Resp: 881

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	41.4	13.0	19.6#



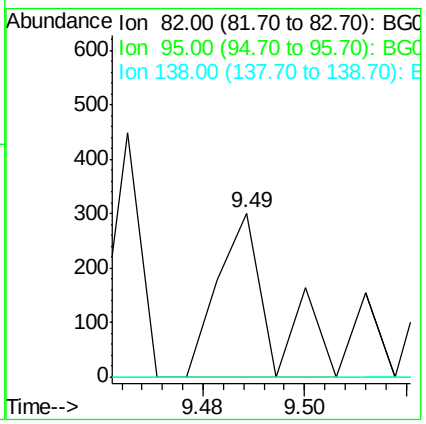


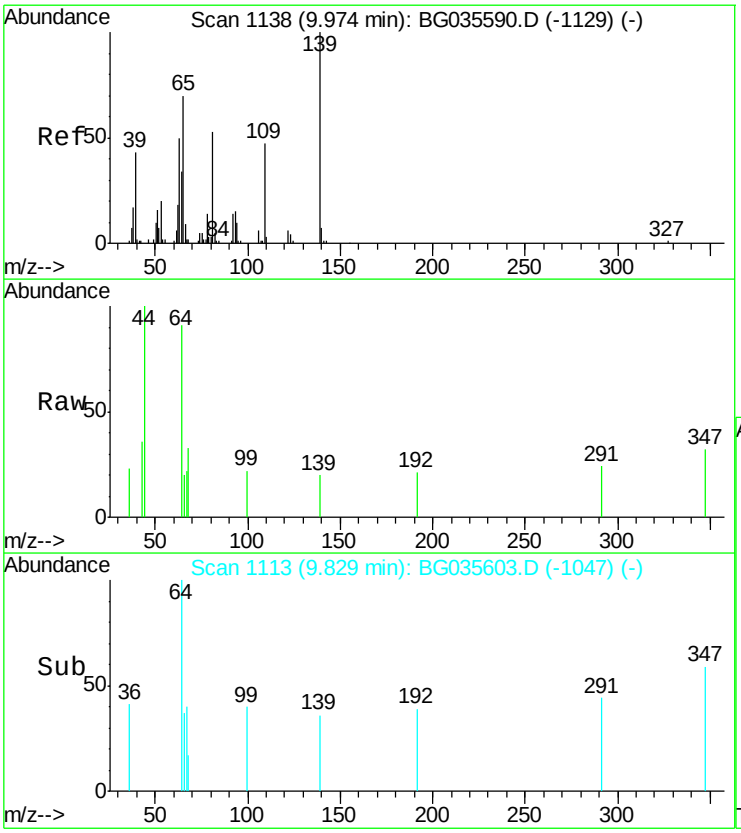
#25
Isophorone
Concen: 0.034 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.29 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 82 Resp: 226

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

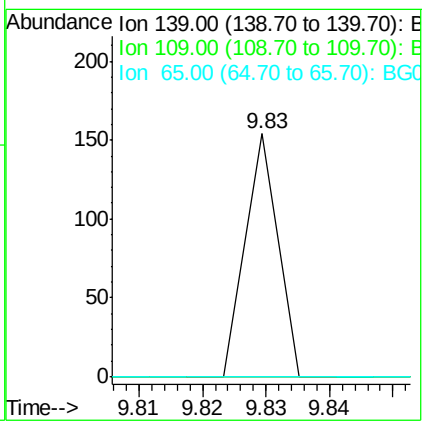


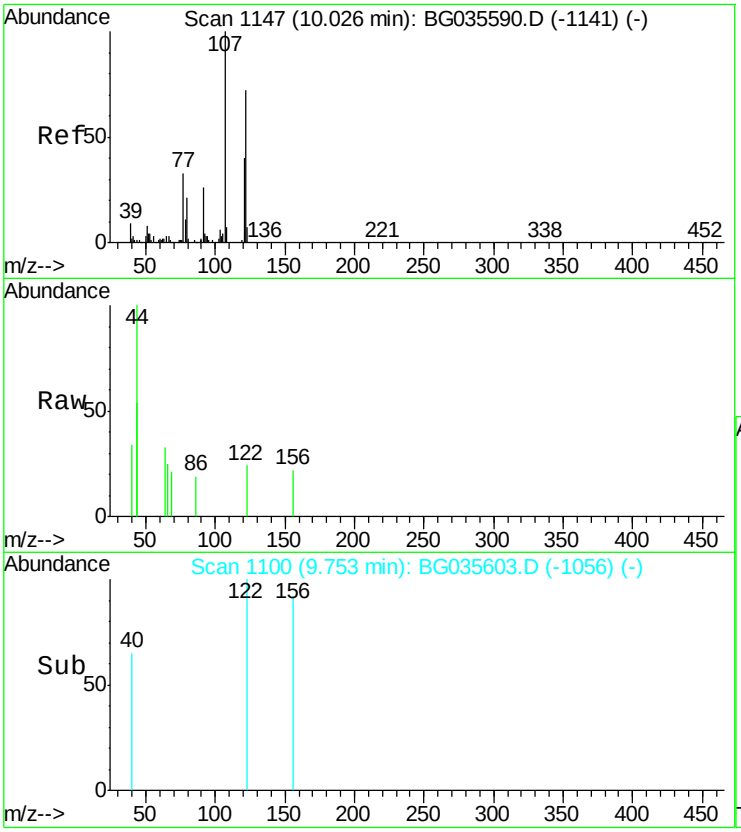


#26
2-Nitrophenol
Concen: 0.043 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.14 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#



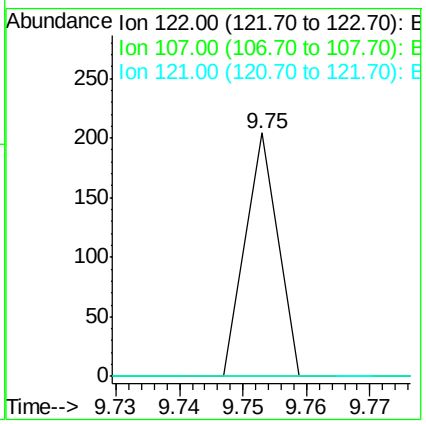


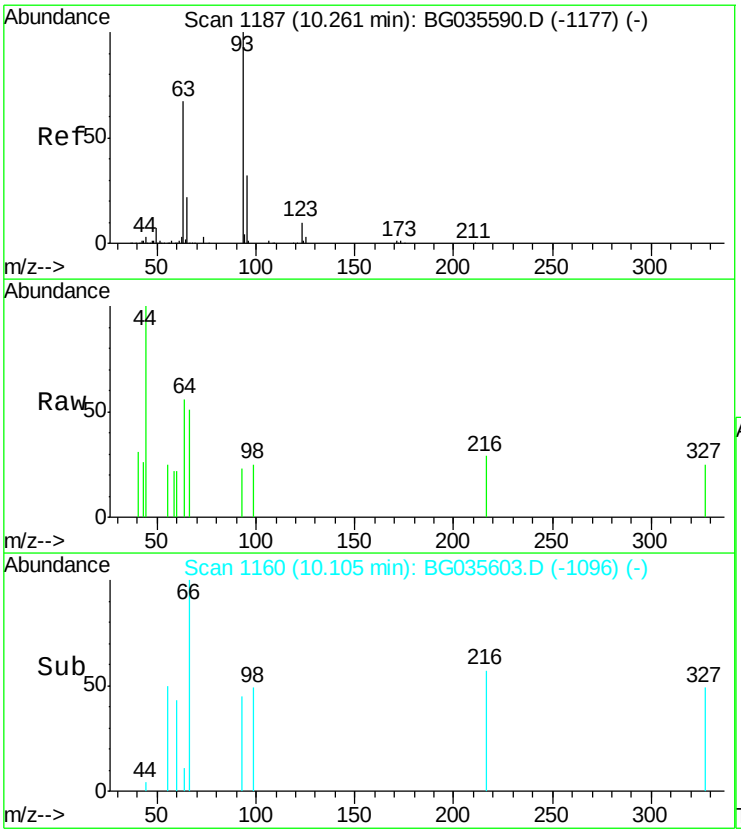
#27
2,4-Dimethylphenol
Concen: 0.034 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.27 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:122 Resp: 72

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#

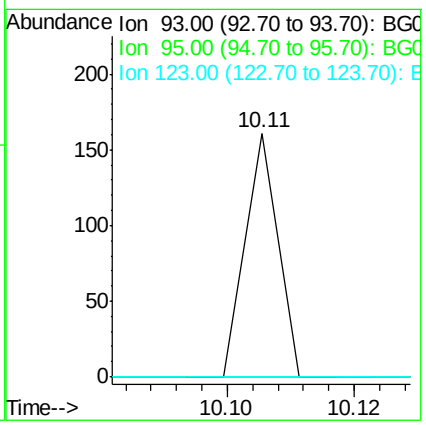


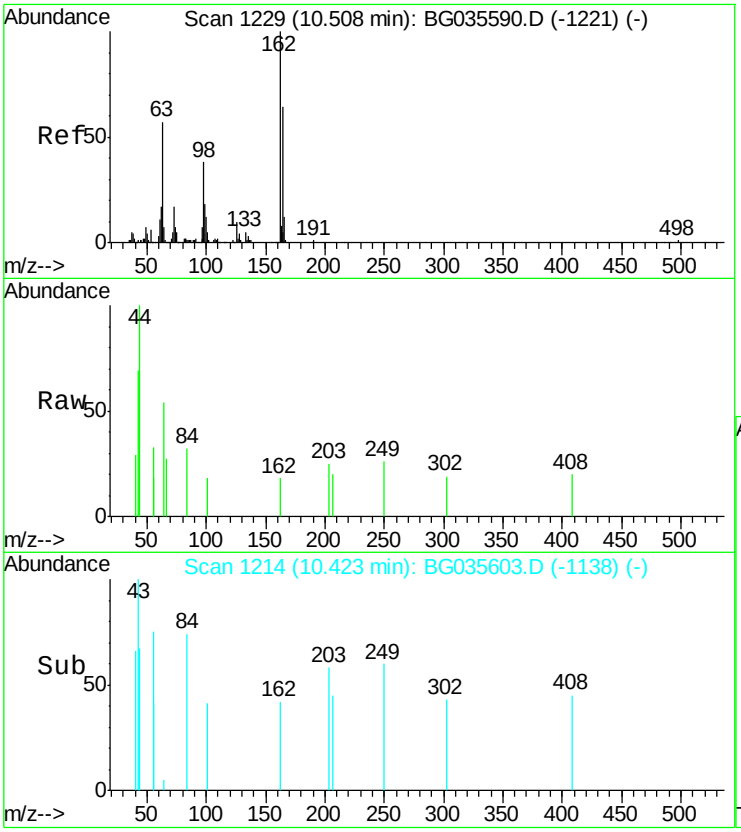


#28
bis(2-Chloroethoxy)methane
Concen: 0.016 ng
RT: 10.11 min Scan# 1160
Delta R.T. -0.16 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 93 Resp: 57

Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#



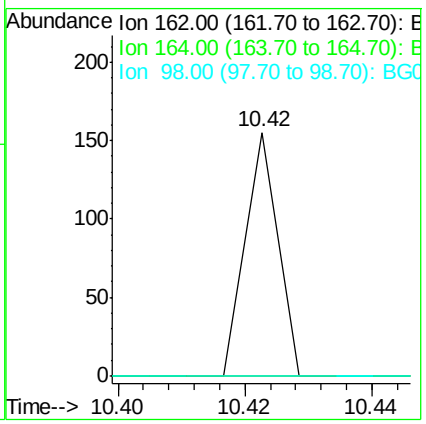


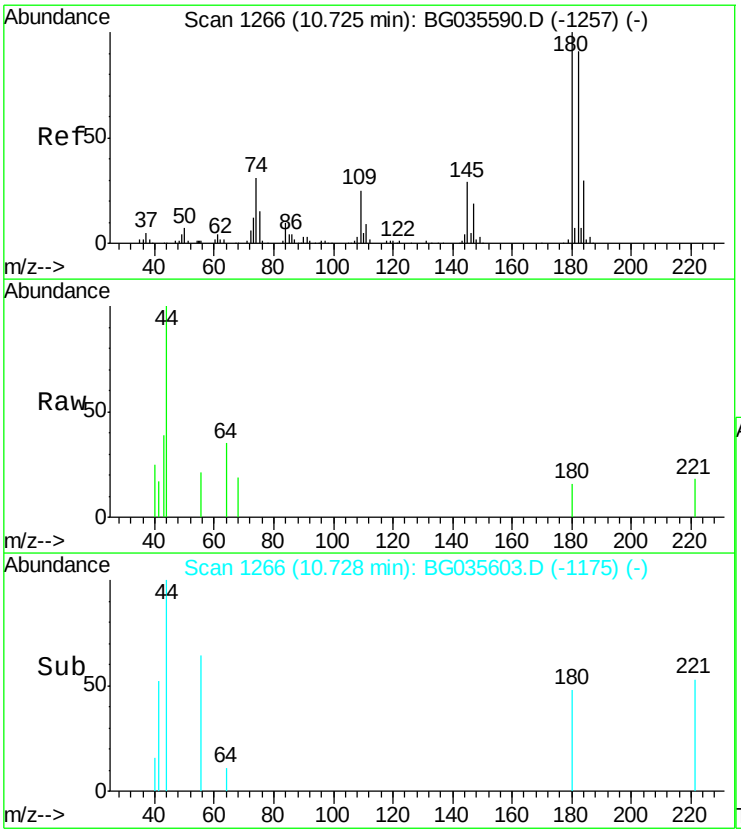
#29
2,4-Dichlorophenol
Concen: 0.022 ng
RT: 10.42 min Scan# 1214
Delta R.T. -0.09 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:162 Resp: 55

Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.0	88.0#
98	0.0	21.1	61.1#

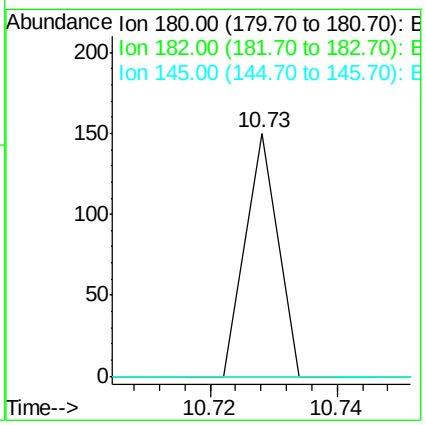


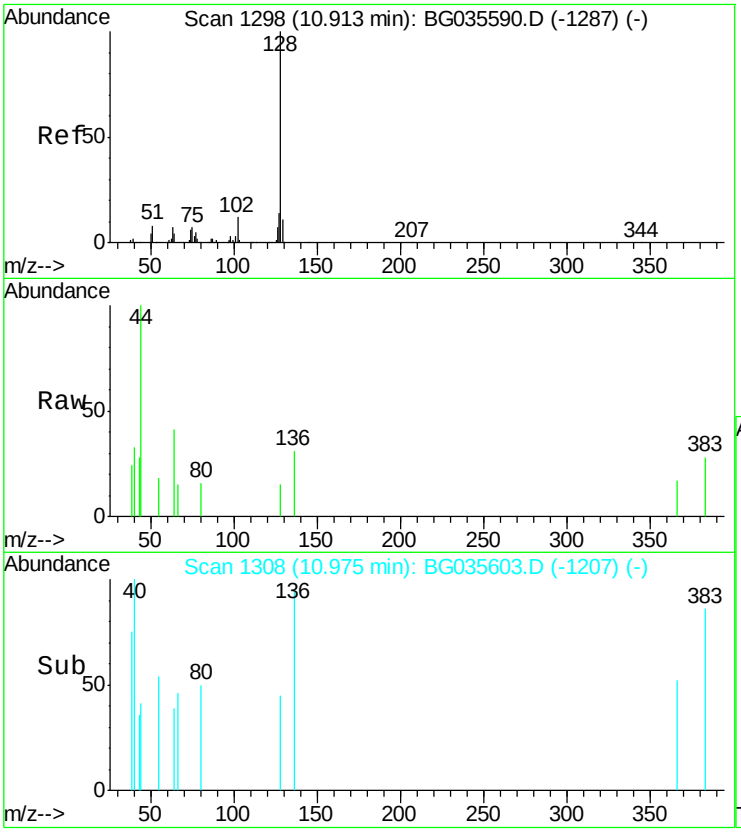


#30
1,2,4-Trichlorobenzene
Concen: 0.018 ng
RT: 10.73 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:180 Resp: 53

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.5	116.3#
145	0.0	23.4	35.2#



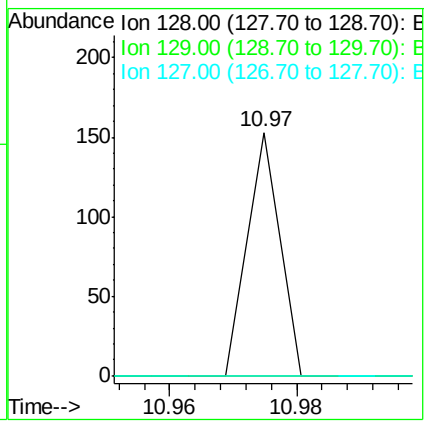


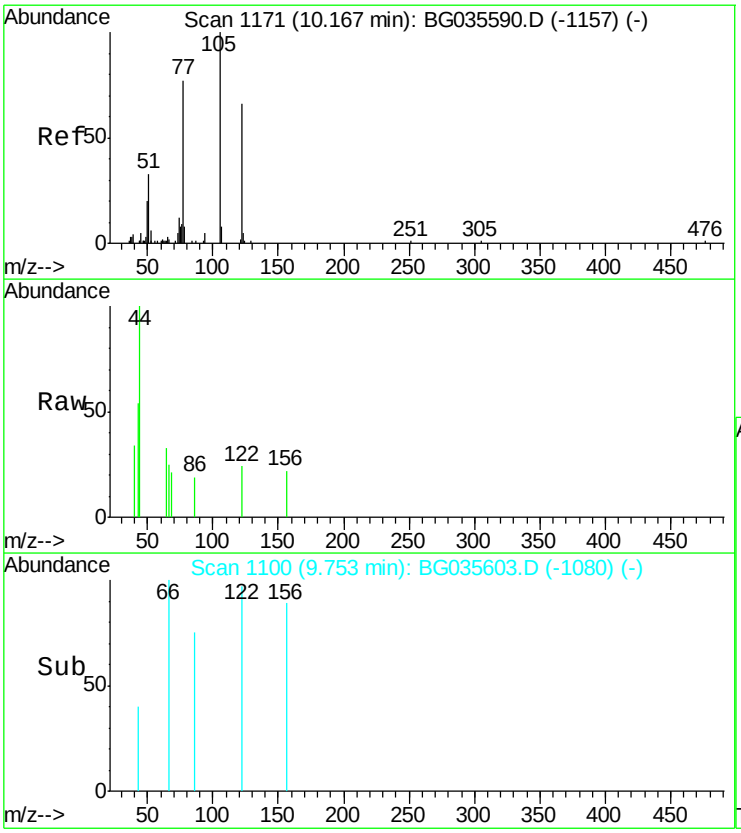
#31
Naphthalene
Concen: 0.007 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.06 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:128 Resp: 54

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.6	17.4#

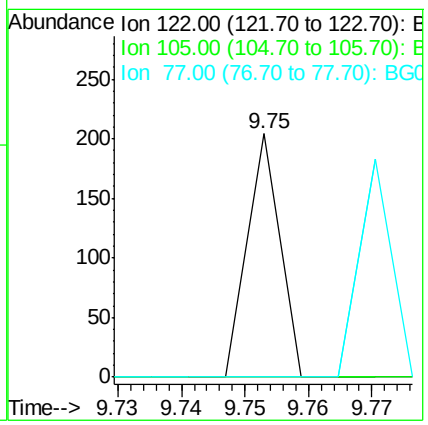


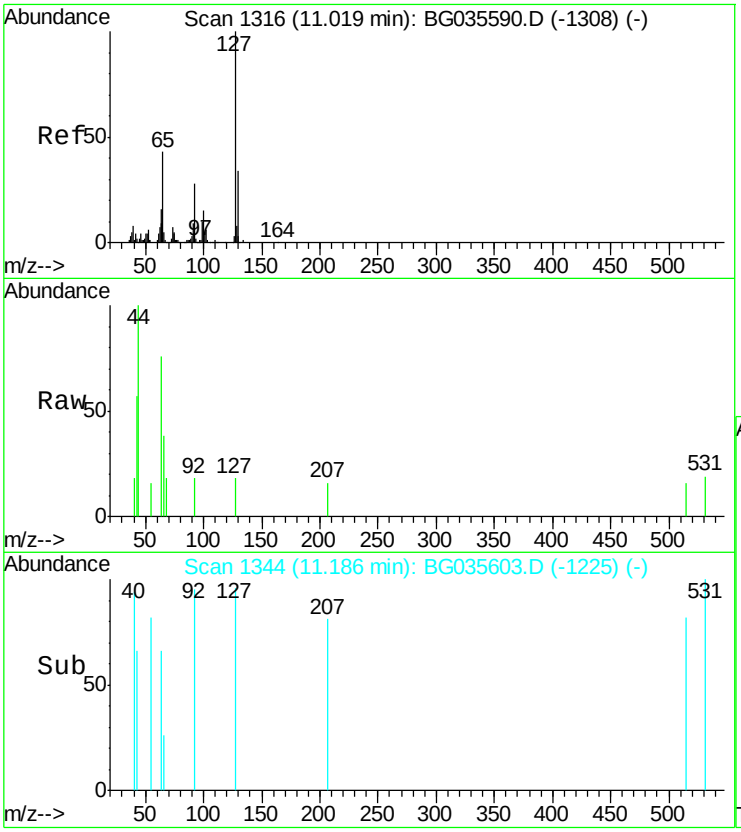


#32
Benzoic acid
Concen: 0.050 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.41 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:122 Resp: 72

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



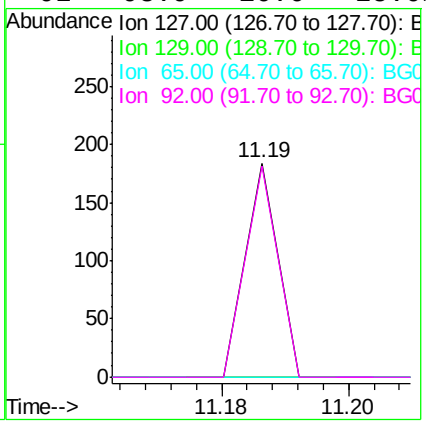


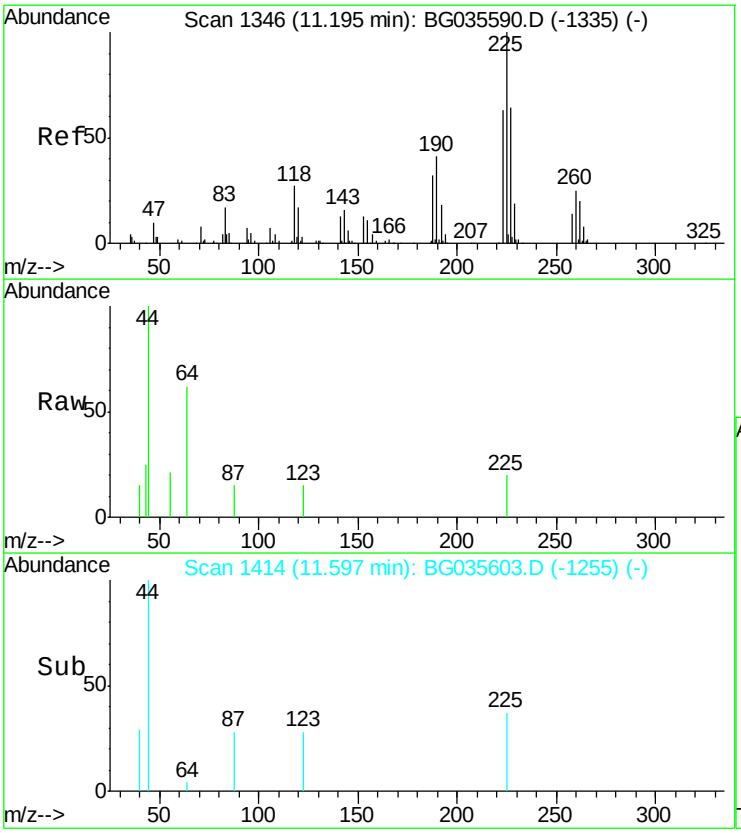
#33
4-Chloroaniline
Concen: 0.019 ng
RT: 11.19 min Scan# 1344
Delta R.T. 0.17 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:127 Resp: 65

Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	98.9	16.6	25.0#

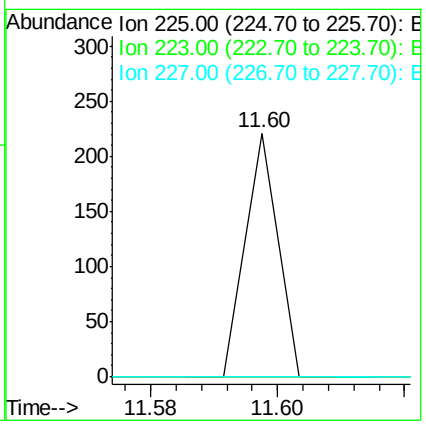


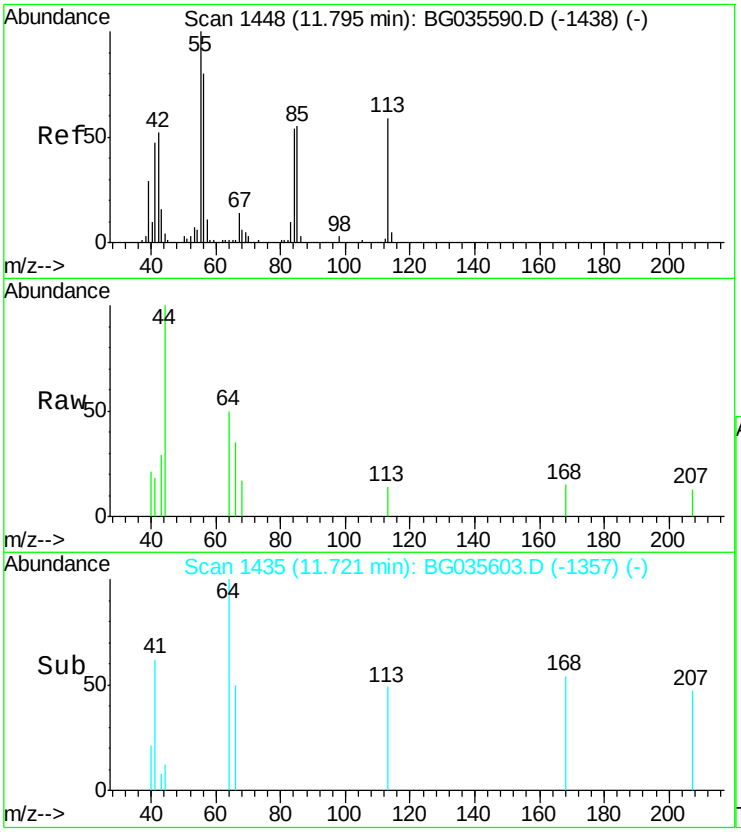


#34
Hexachlorobutadiene
Concen: 0.033 ng
RT: 11.60 min Scan# 1414
Delta R.T. 0.40 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:225 Resp: 78

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.7	74.5#
227	0.0	48.1	72.1#



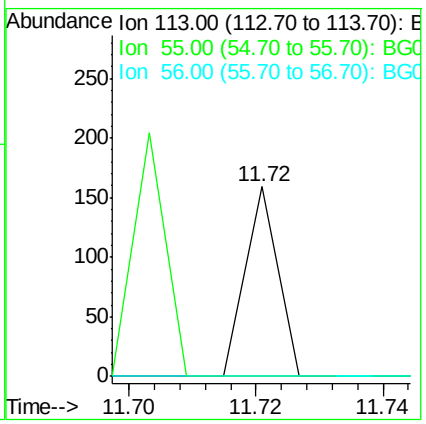


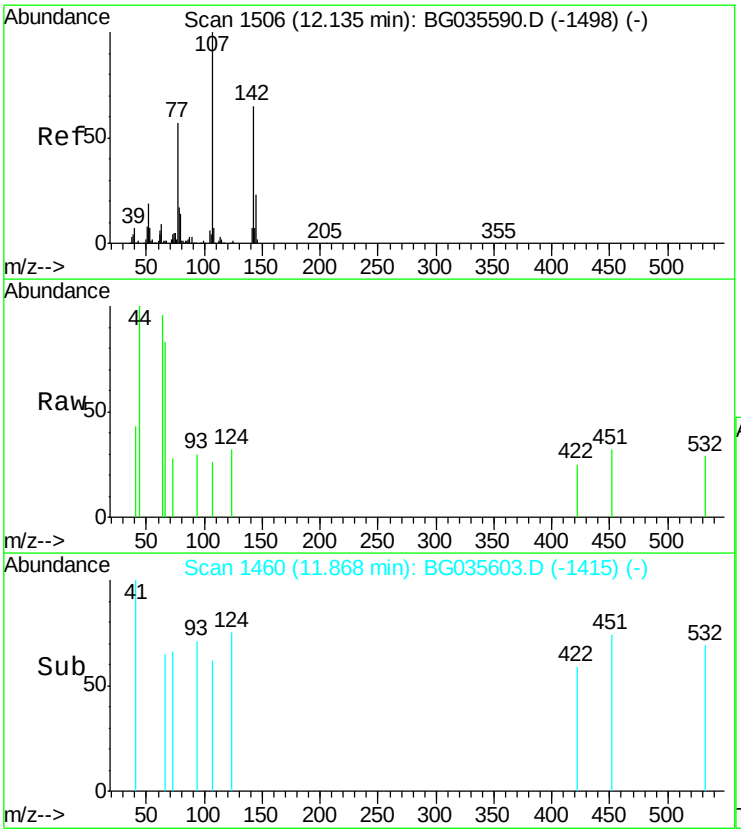
#35
Caprolactam
Concen: 0.053 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.07 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:113 Resp: 56

Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	130.9	170.9#

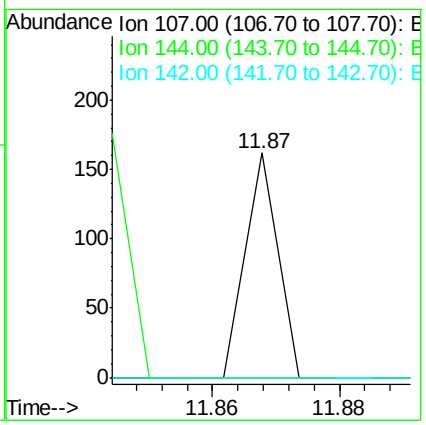


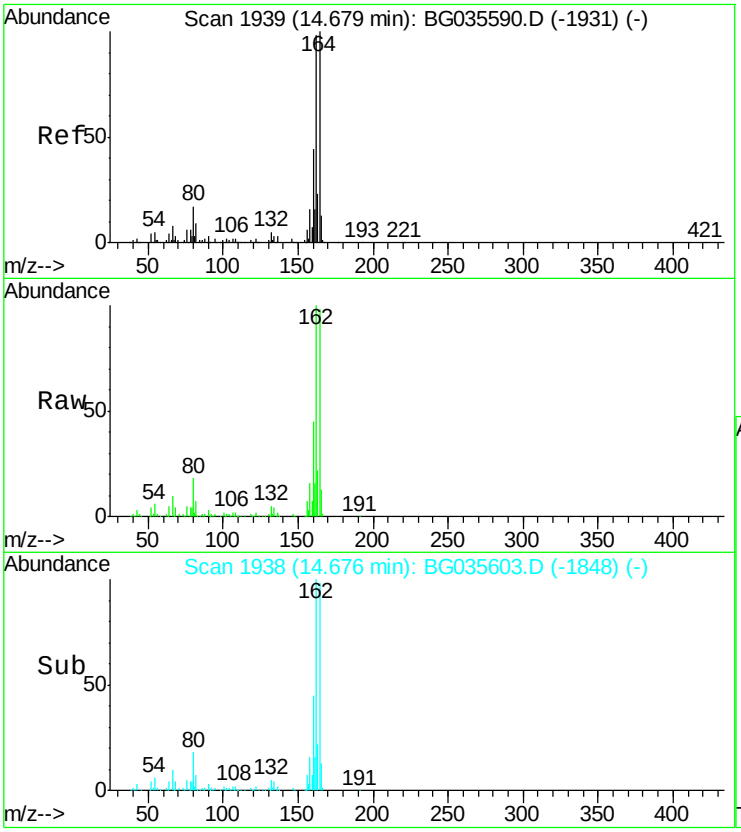


#36
4-Chloro-3-methylphenol
Concen: 0.017 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.27 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:107 Resp: 57

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	0.0	59.0	88.4#



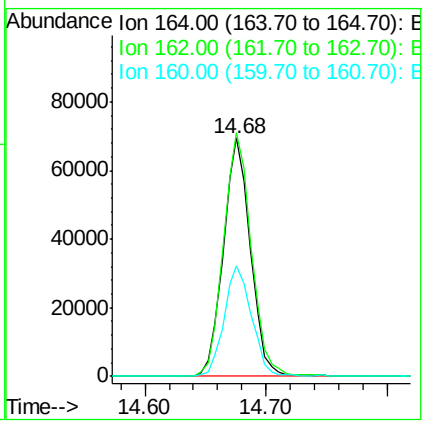


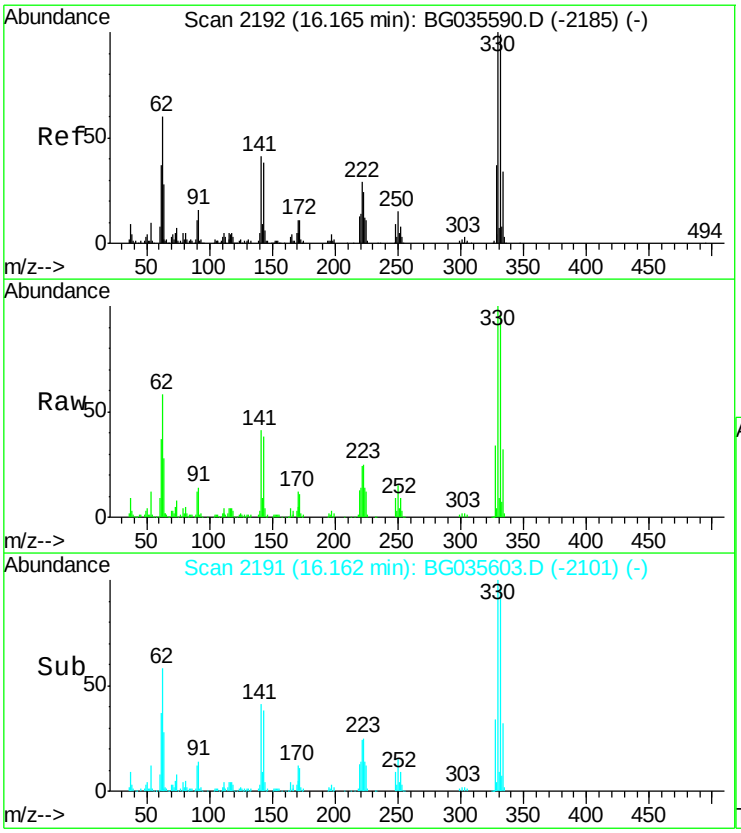
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:164 Resp: 107528

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	46.2	35.4	53.0

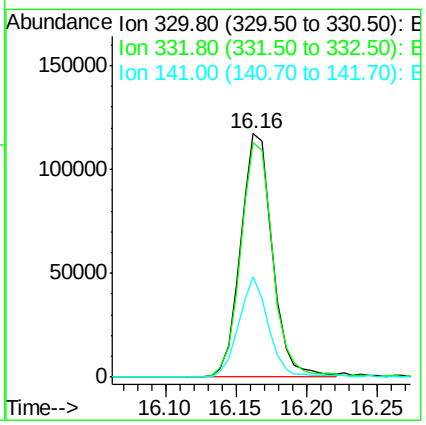


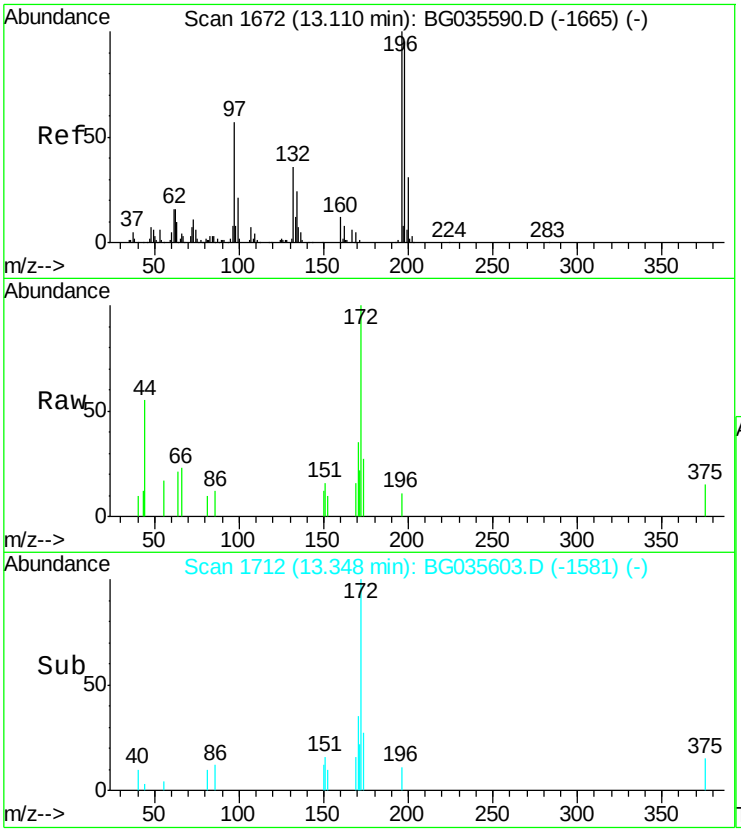


#41
2,4,6-Tribromophenol
Concen: 130.081 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:330 Resp: 184362

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	38.6	25.2	37.8#



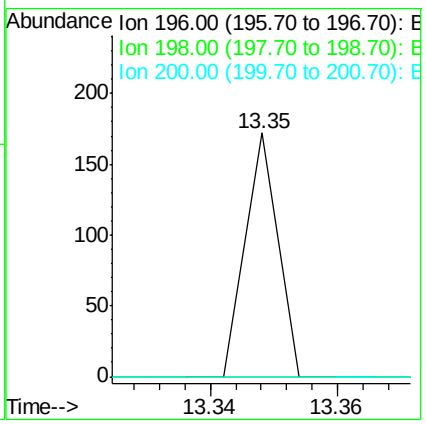


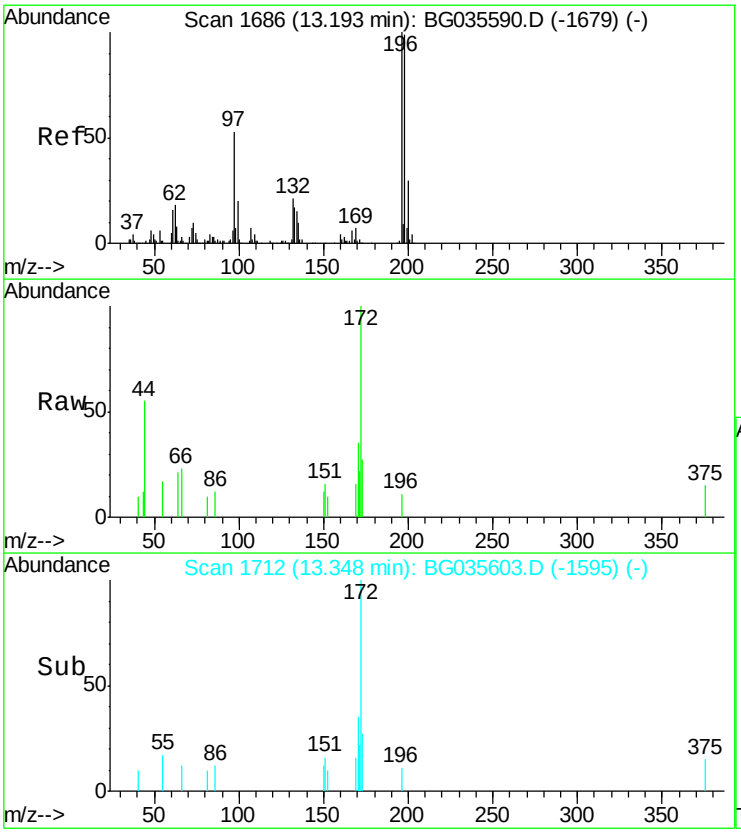
#42
2,4,6-Trichlorophenol
Concen: 0.026 ng
RT: 13.35 min Scan# 1712
Delta R.T. 0.24 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:196 Resp: 61

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
200	0.0	24.6	36.8#

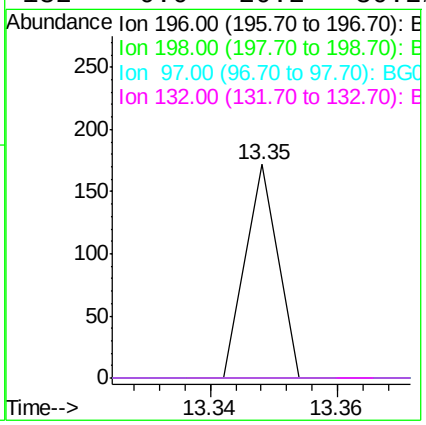


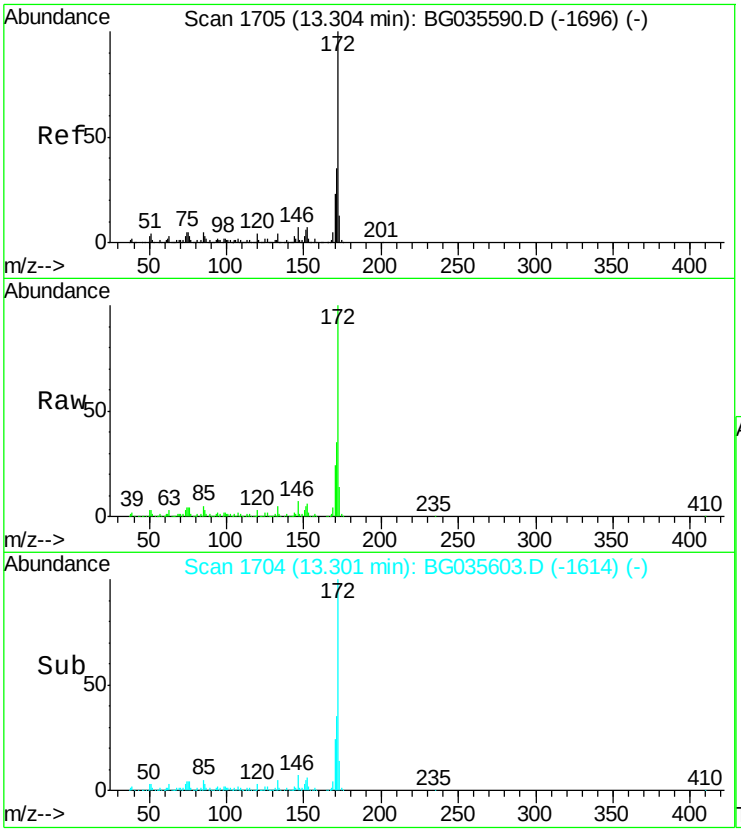


#43
2,4,5-Trichlorophenol
Concen: 0.023 ng
RT: 13.35 min Scan# 1712
Delta R.T. 0.16 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:196 Resp: 61

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.2	114.4#
97	0.0	38.7	58.1#
132	0.0	20.2	30.2#



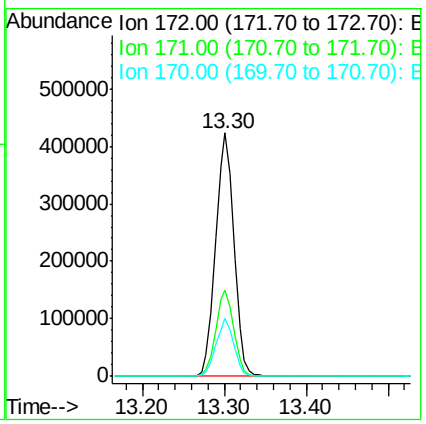


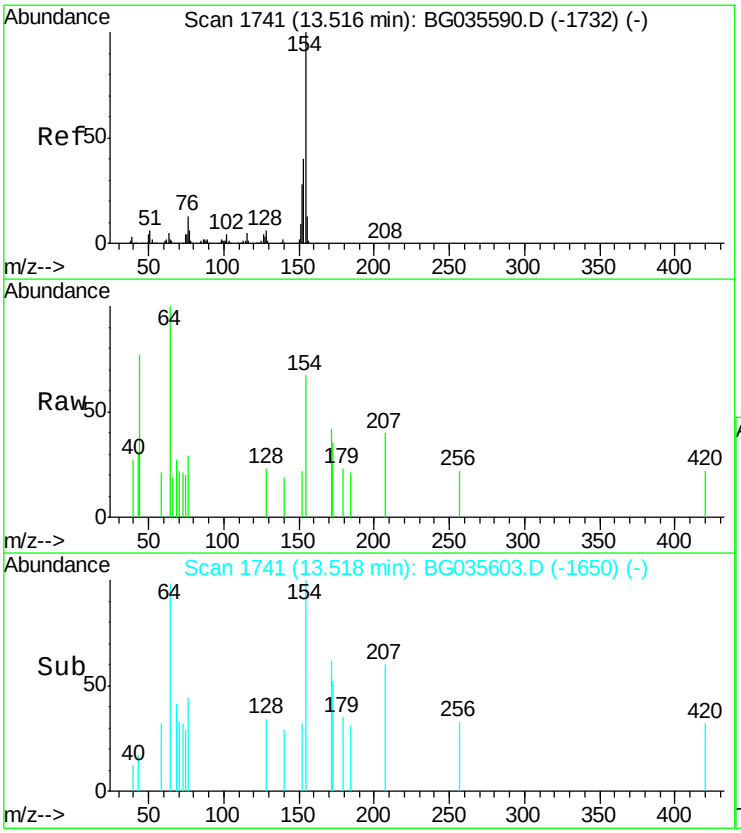
#44
2-Fluorobiphenyl
Concen: 82.762 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:172 Resp: 664253

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.8	19.5	29.3

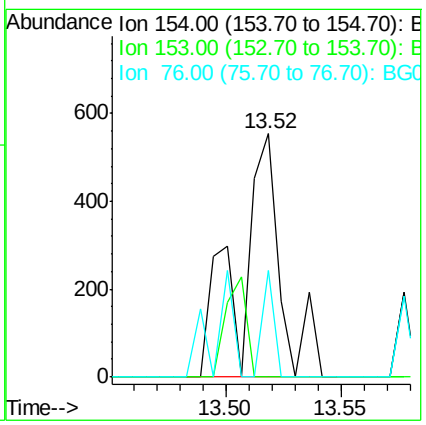


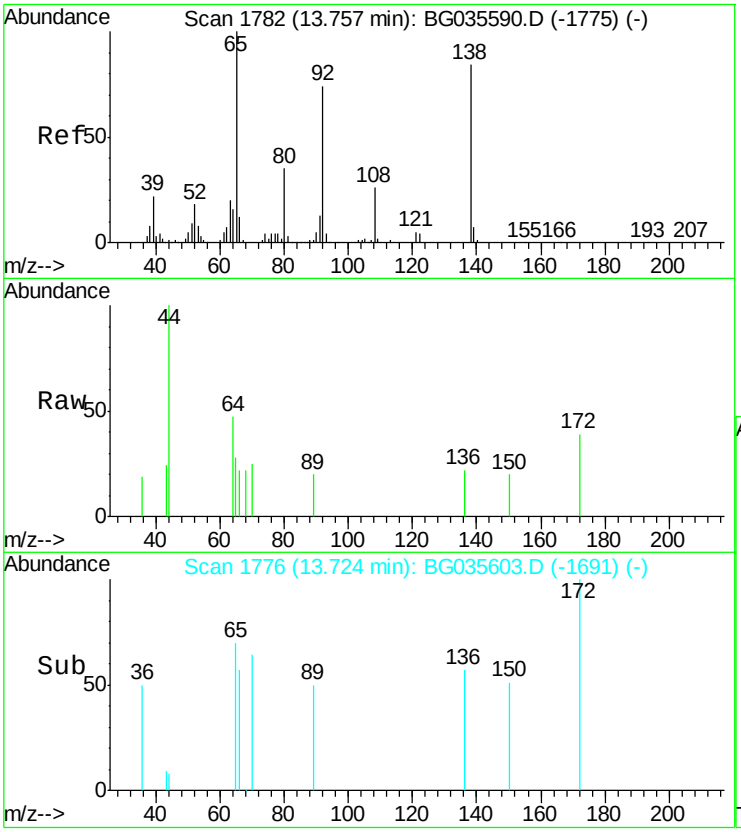


#45
1,1'-Biphenyl
Concen: 0.082 ng
RT: 13.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:154 Resp: 686

Ion	Ratio	Lower	Upper
154	100		
153	0.0	19.8	59.8#
76	44.0	0.0	31.9#



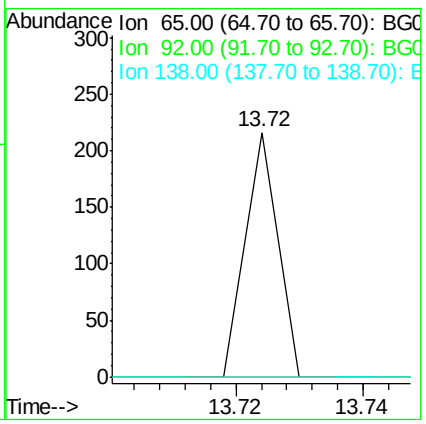


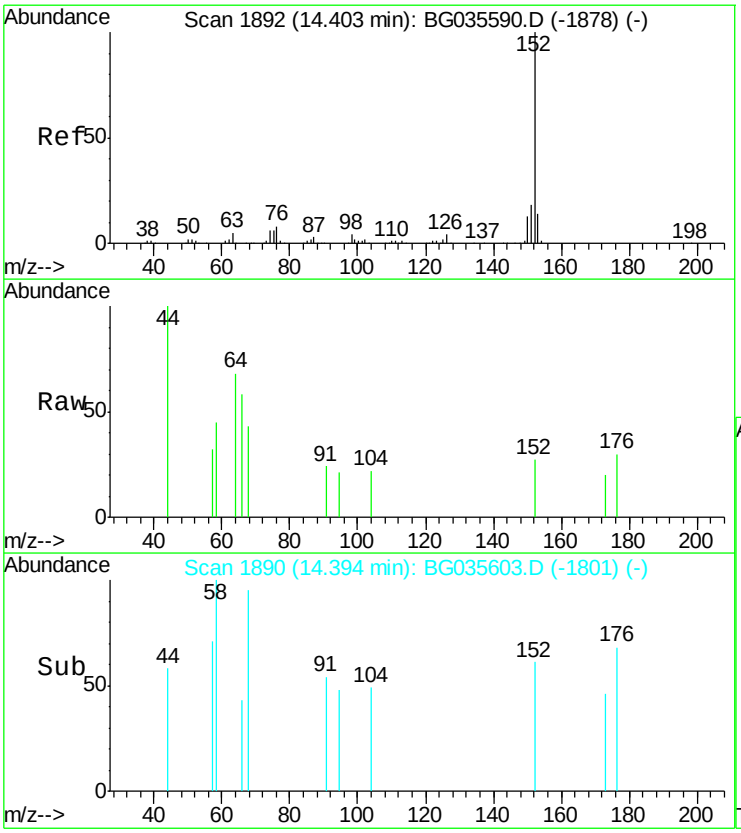
#47
2-Nitroaniline
Concen: 0.033 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.03 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 65 Resp: 76

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#

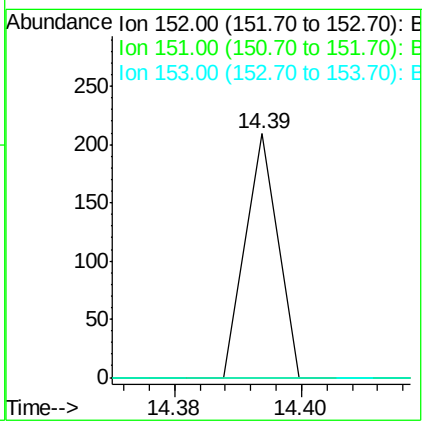


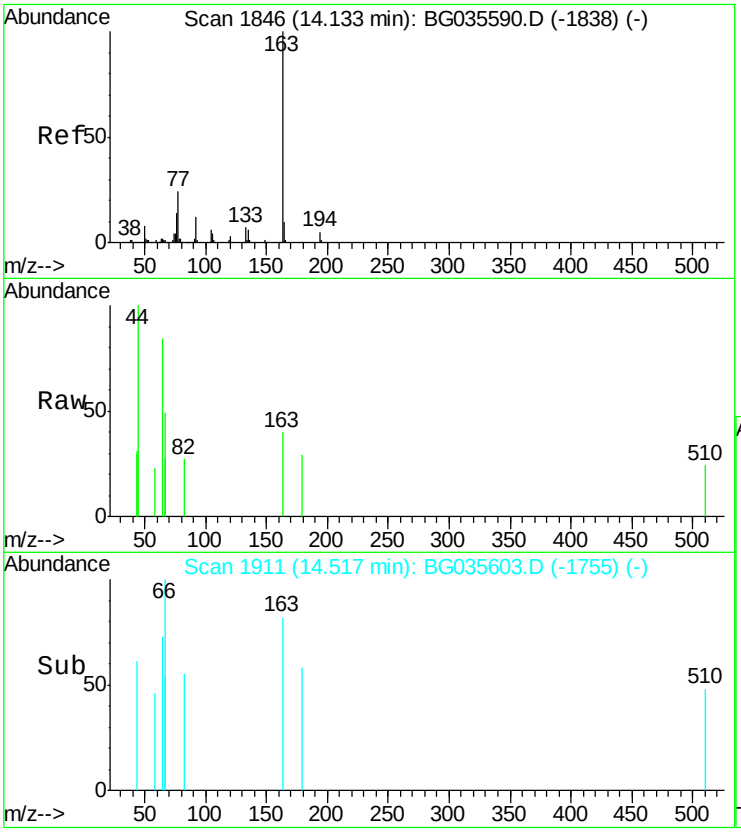


#48
Acenaphthylene
Concen: 0.007 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:152 Resp: 74

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.2	15.4#



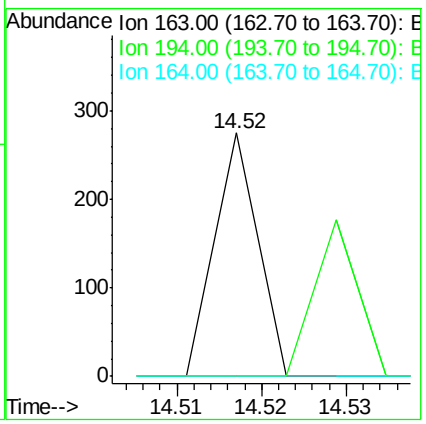


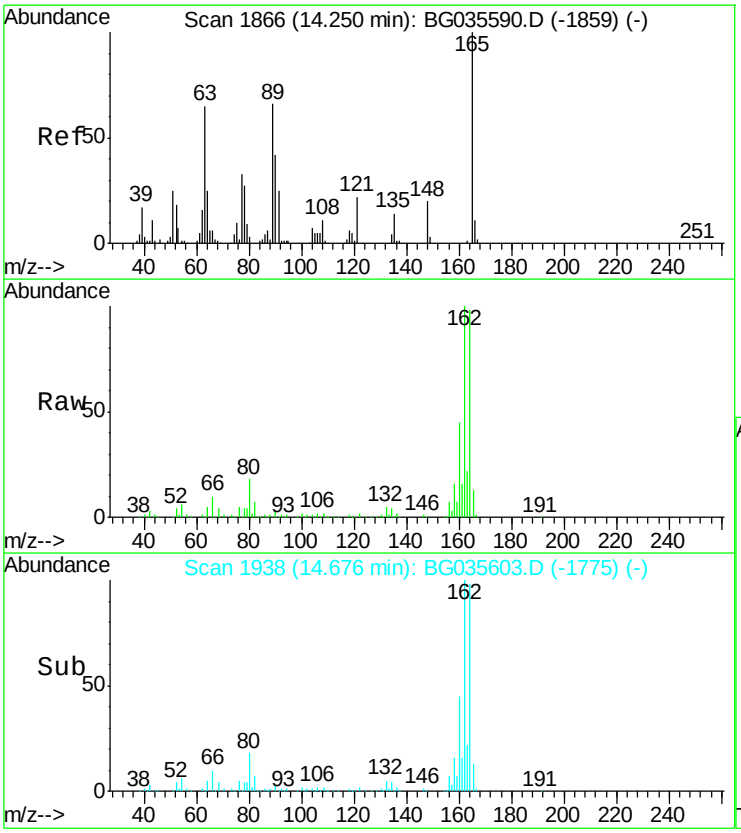
#49
Dimethylphthalate
Concen: 0.010 ng
RT: 14.52 min Scan# 1911
Delta R.T. 0.38 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:163 Resp: 97

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	0.0	8.2	12.4#

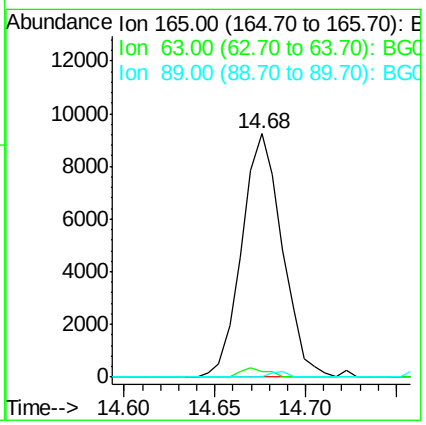


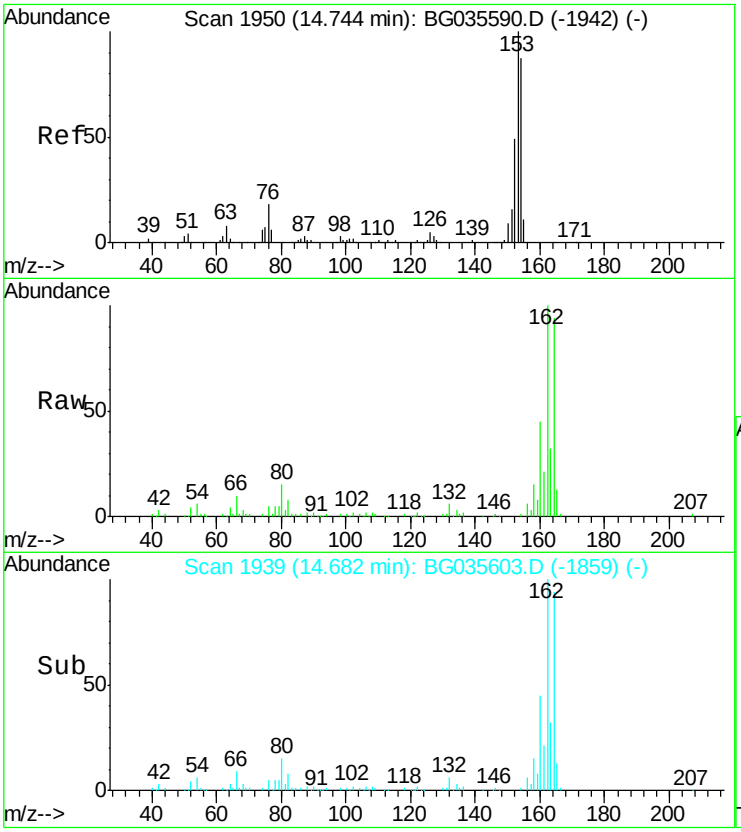


#50
2,6-Dinitrotoluene
Concen: 7.463 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.43 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:165 Resp: 14317

Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	0.0	49.2	73.8#



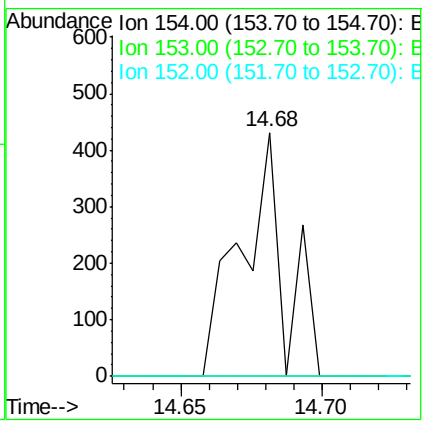


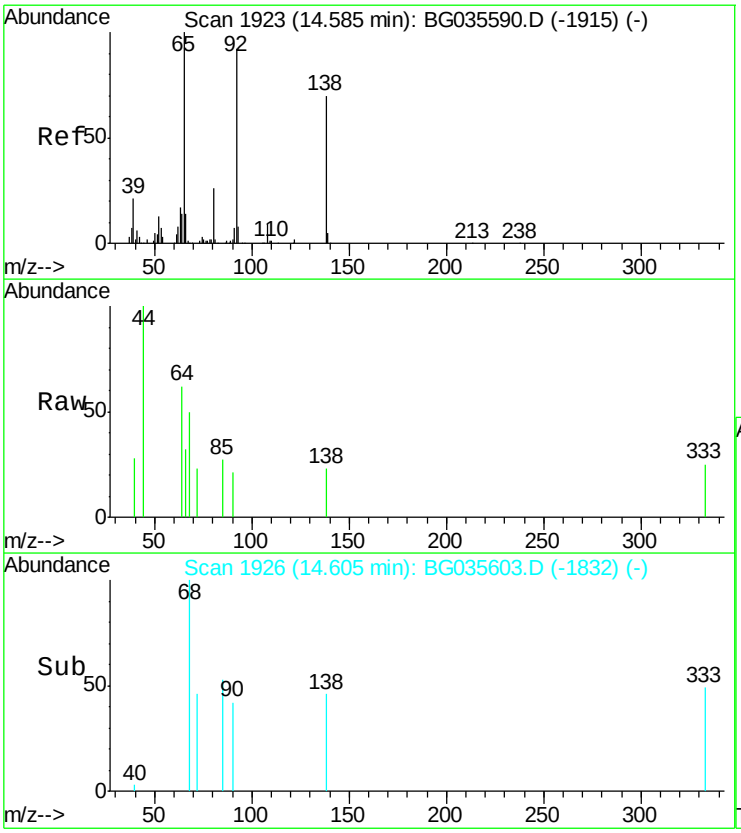
#51
Acenaphthene
Concen: 0.069 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.06 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:154 Resp: 467

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.4	135.6#
152	0.0	41.6	62.4#

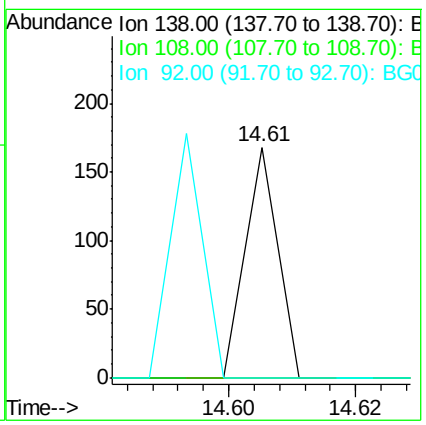


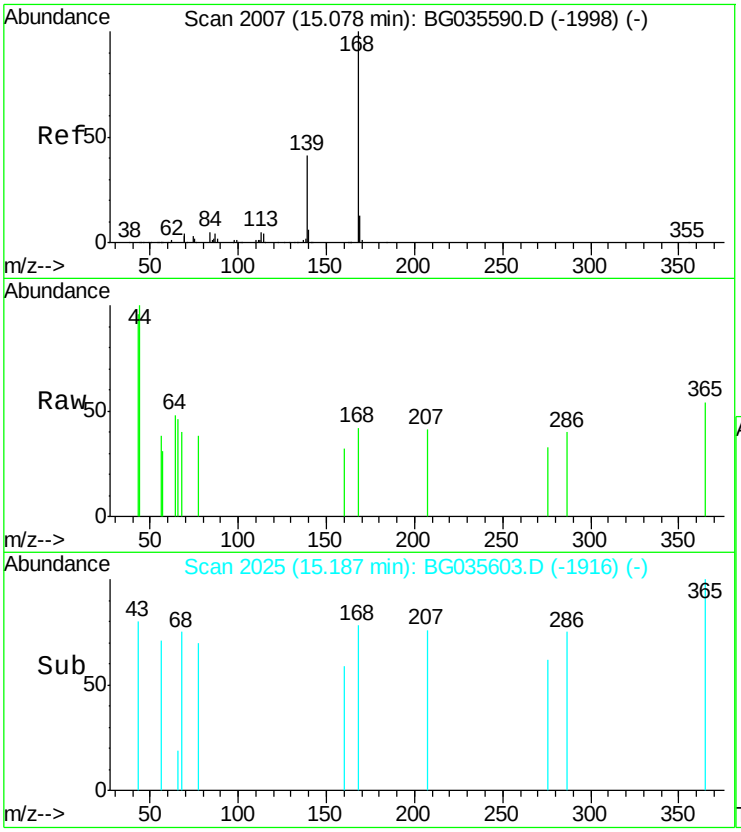


#52
3-Nitroaniline
Concen: 0.030 ng
RT: 14.61 min Scan# 1926
Delta R.T. 0.02 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	105.8	158.8#



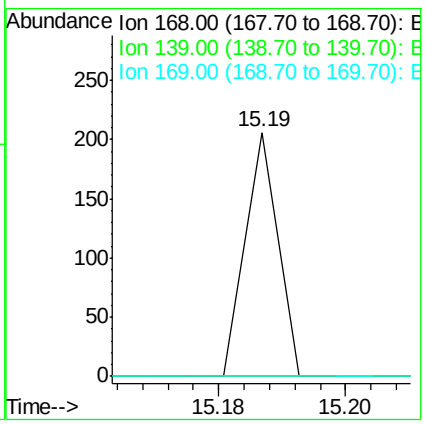


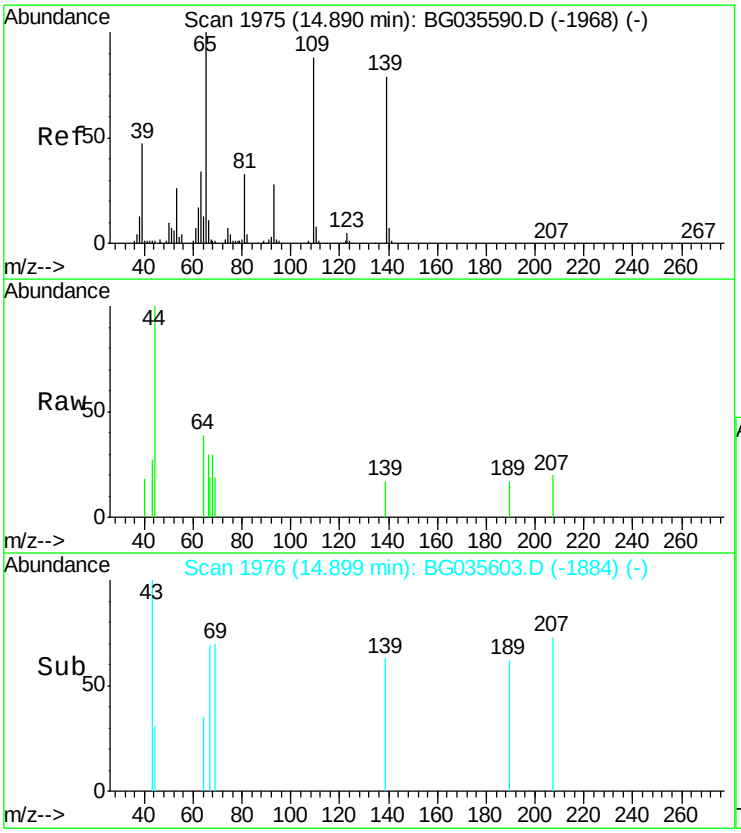
#54
Dibenzofuran
Concen: 0.007 ng
RT: 15.19 min Scan# 2025
Delta R.T. 0.11 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:168 Resp: 73

Ion	Ratio	Lower	Upper
168	100		
139	0.0	28.6	43.0#
169	0.0	11.2	16.8#

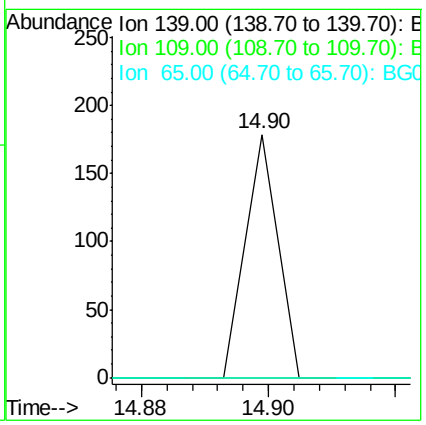


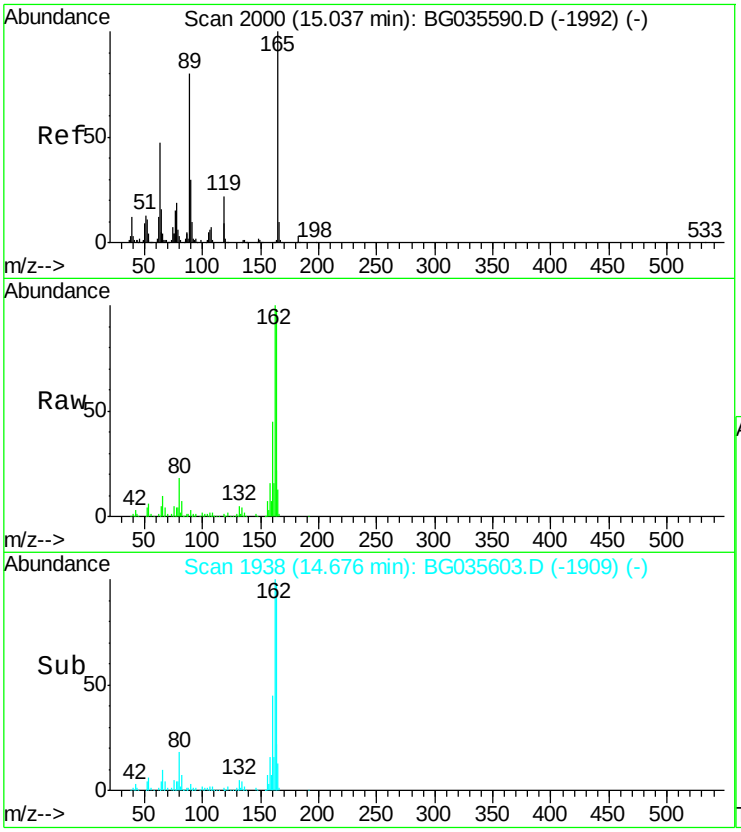


#55
4-Nitrophenol
Concen: 0.045 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:139 Resp: 63

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



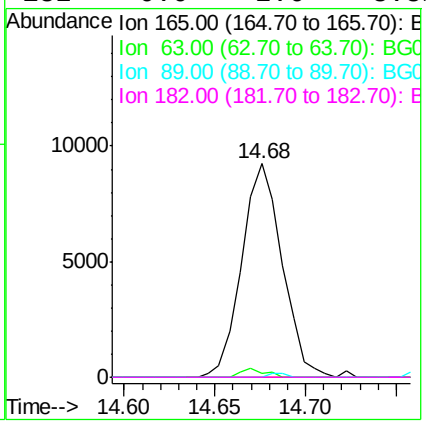


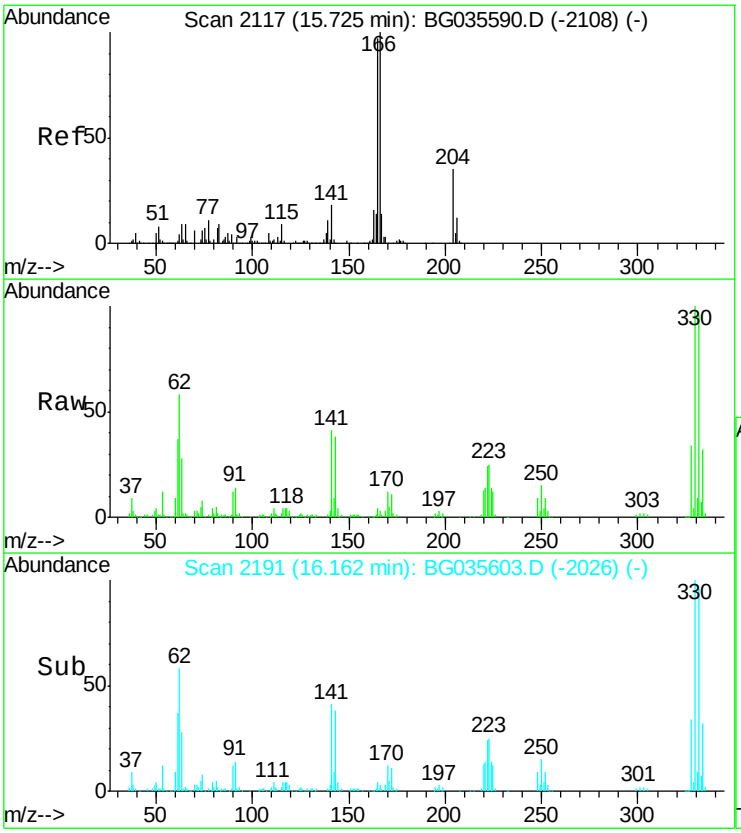
#56
2,4-Dinitrotoluene
Concen: 5.202 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:165 Resp: 14317

Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

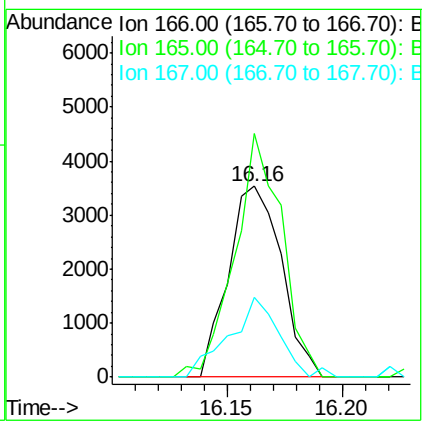


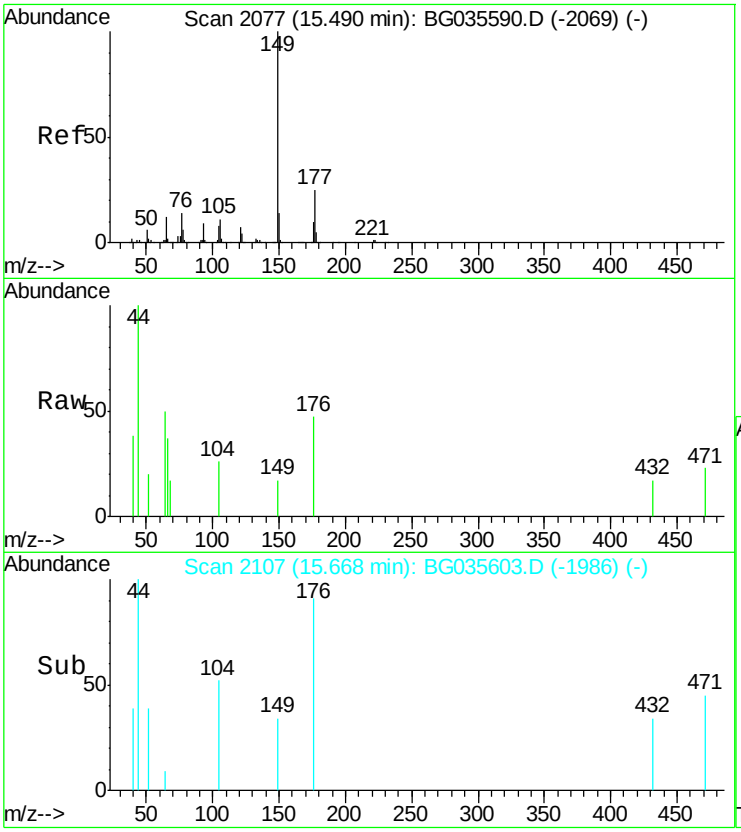


#57
Fluorene
Concen: 0.629 ng
RT: 16.16 min Scan# 2191
Delta R.T. 0.44 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:166 Resp: 5669

Ion	Ratio	Lower	Upper
166	100		
165	127.5	80.6	121.0#
167	41.8	10.4	15.6#



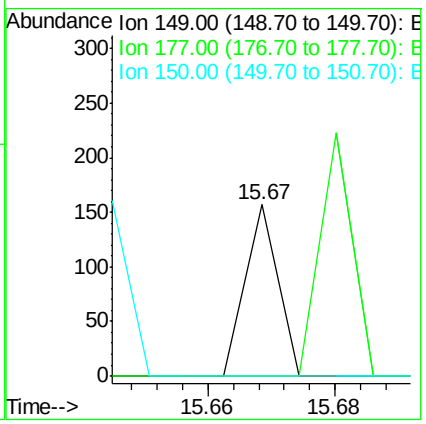


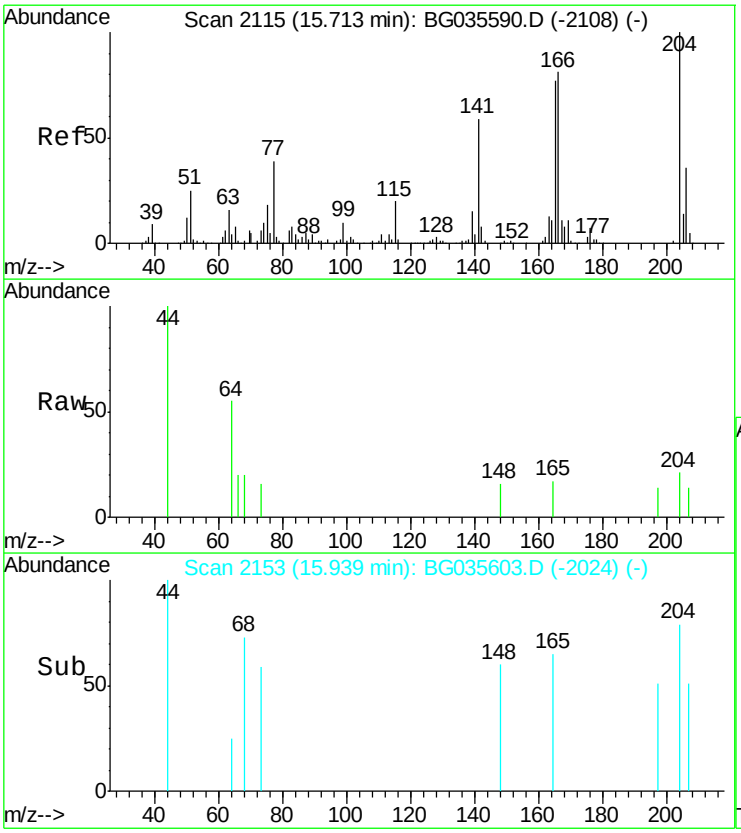
#59
Diethylphthalate
Concen: 0.006 ng
RT: 15.67 min Scan# 2107
Delta R.T. 0.18 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:149 Resp: 55

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.2#

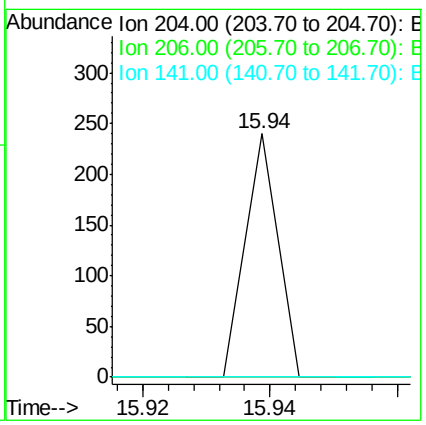


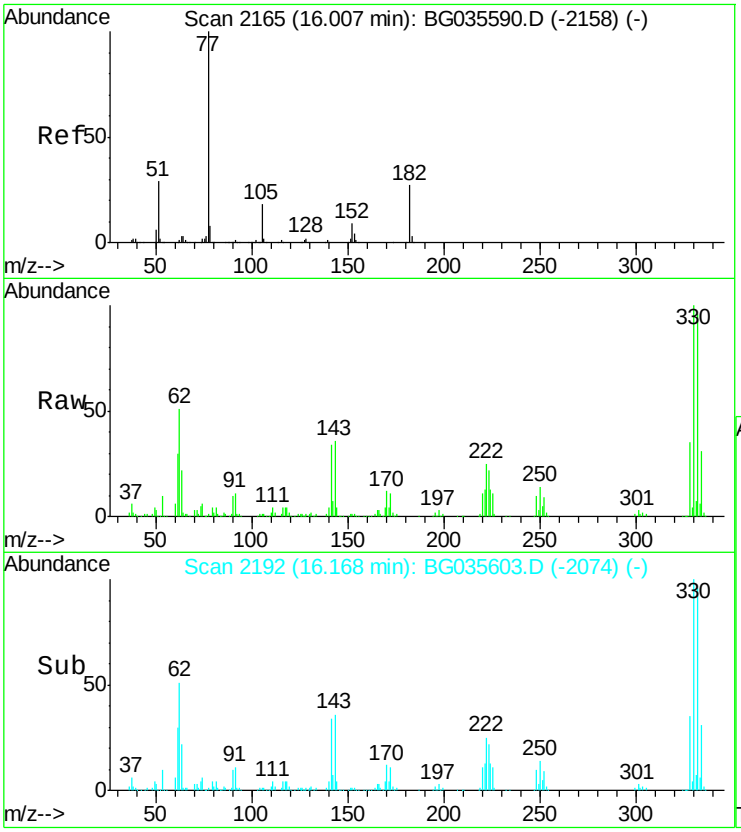


#60
4-Chlorophenyl-phenylether
Concen: 0.016 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.23 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:204 Resp: 85

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	0.0	45.8	68.6#



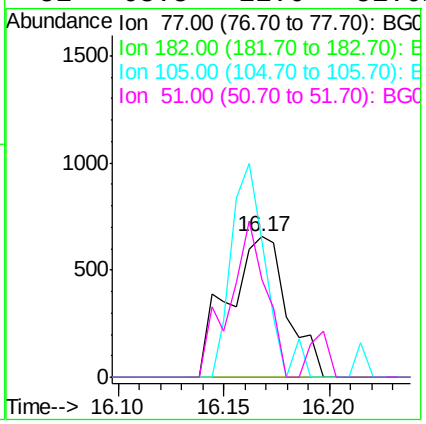


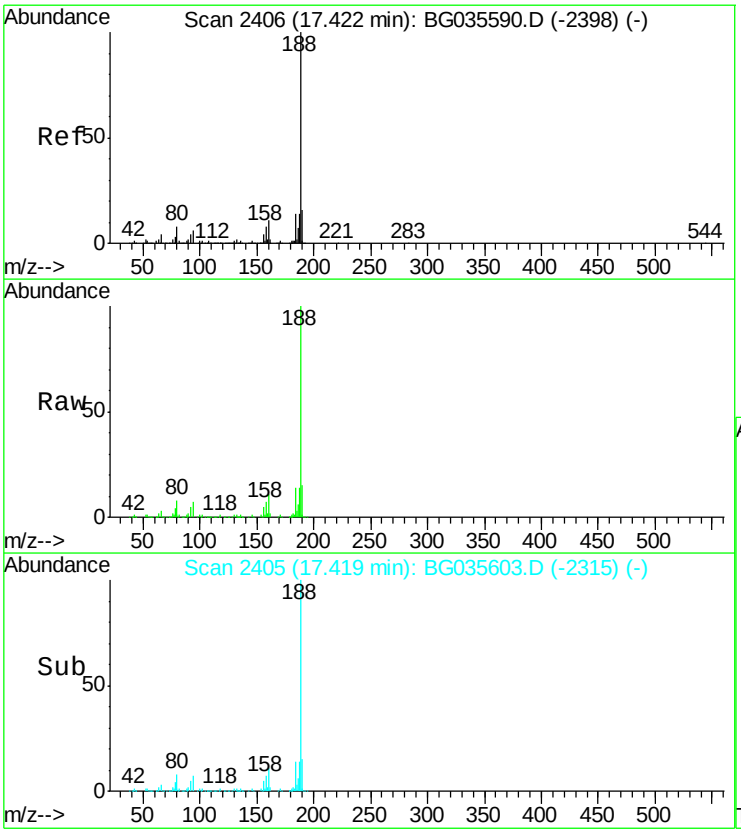
#62
Azobenzene
Concen: 0.133 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.16 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 77 Resp: 1275

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	96.7	0.3	40.3#
51	68.8	11.6	51.6#

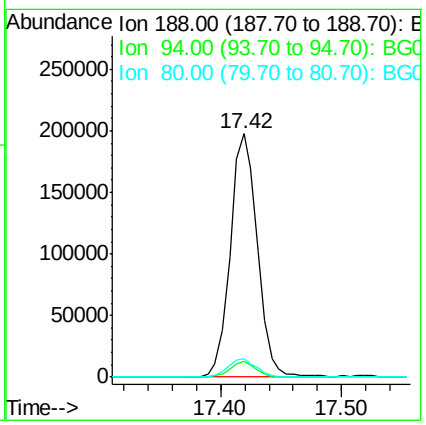


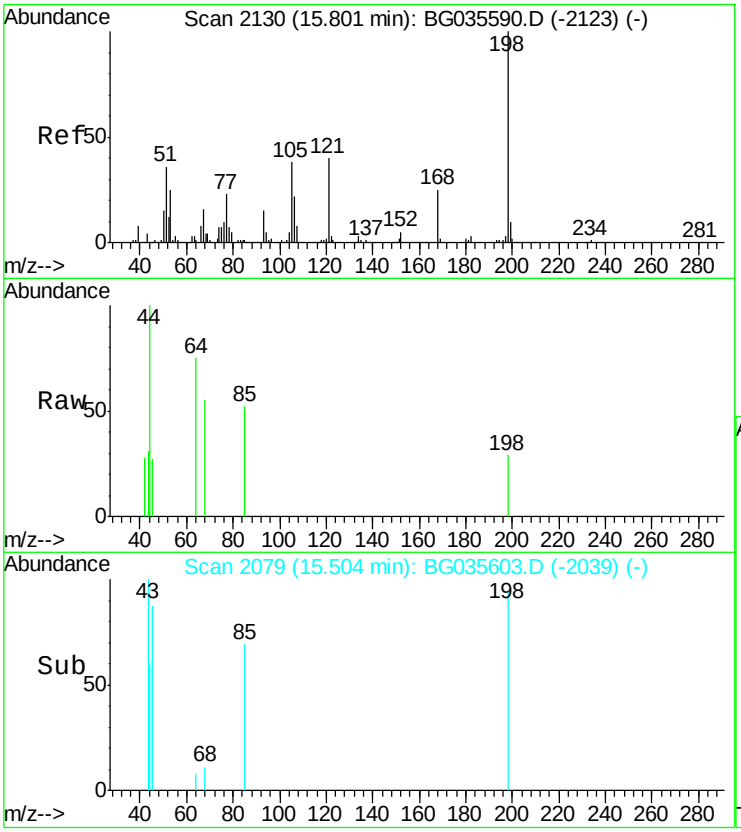


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:188 Resp: 308197

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.7	7.7	11.5



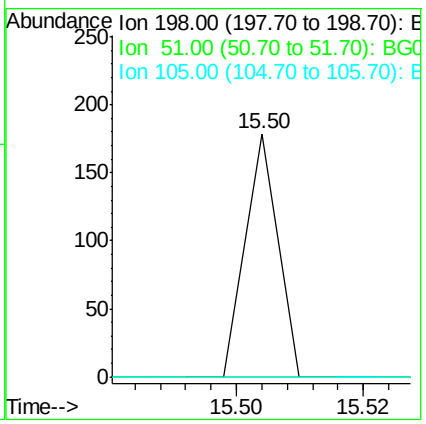


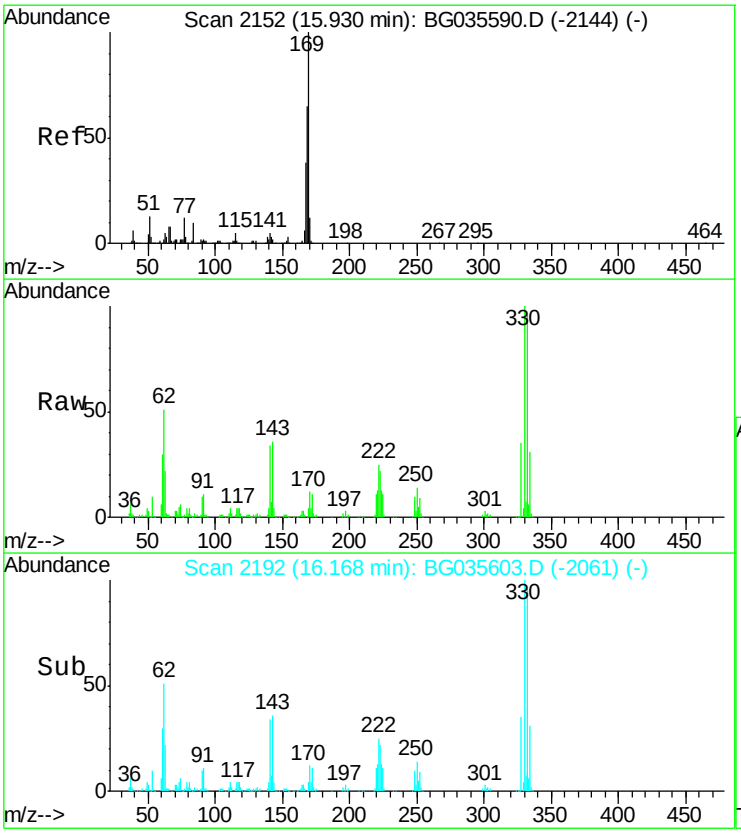
#64
4,6-Dinitro-2-methylphenol
Concen: 0.037 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.30 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:198 Resp: 63

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

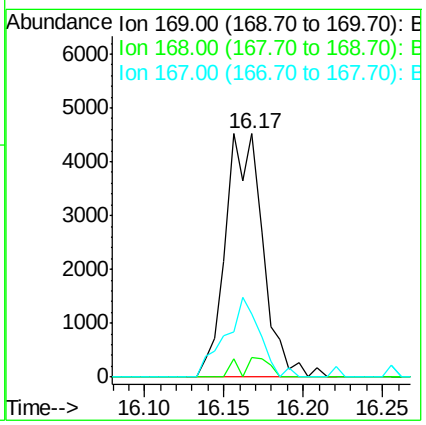


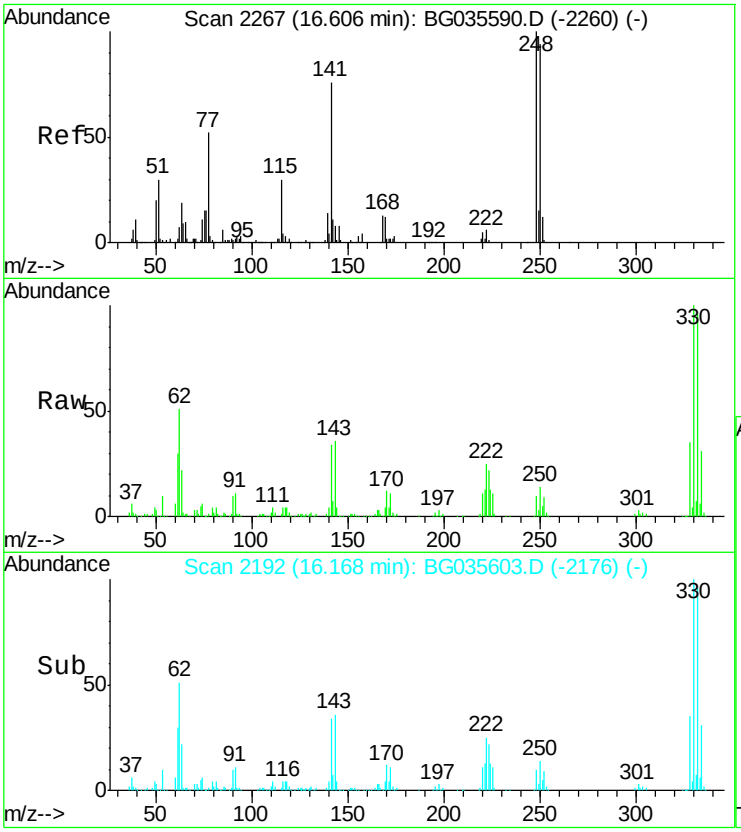


#65
n-Nitrosodiphenylamine
Concen: 0.838 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.24 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:169 Resp: 7347

Ion	Ratio	Lower	Upper
169	100		
168	8.0	55.7	83.5#
167	25.9	30.1	45.1#



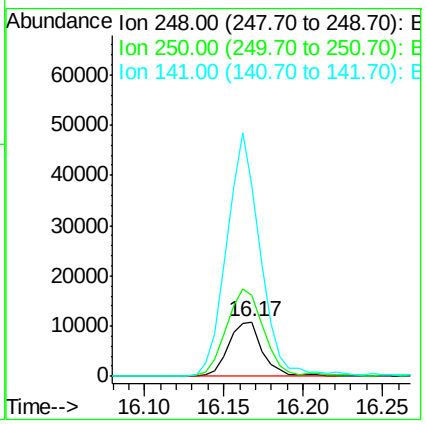


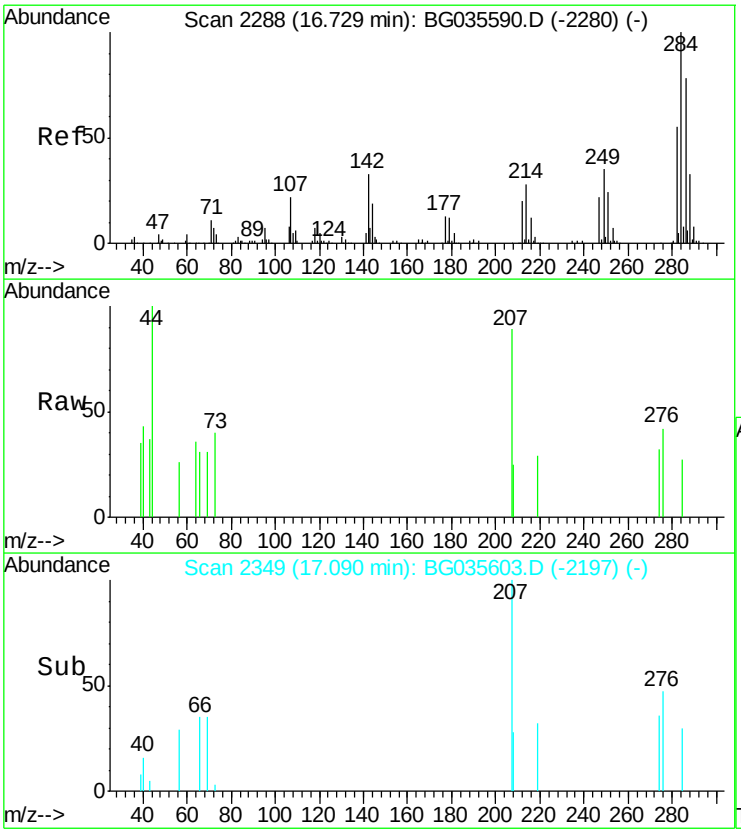
#66
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:248 Resp: 16045

Ion	Ratio	Lower	Upper
248	100		
250	147.8	77.1	115.7#
141	350.3	50.8	76.2#

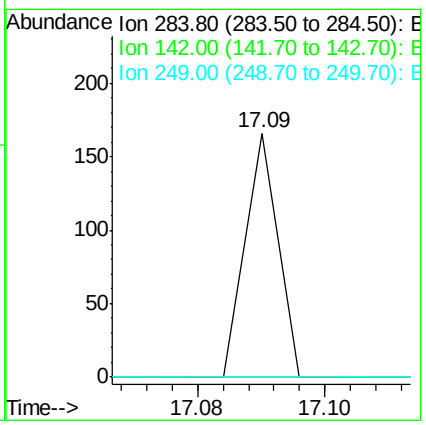


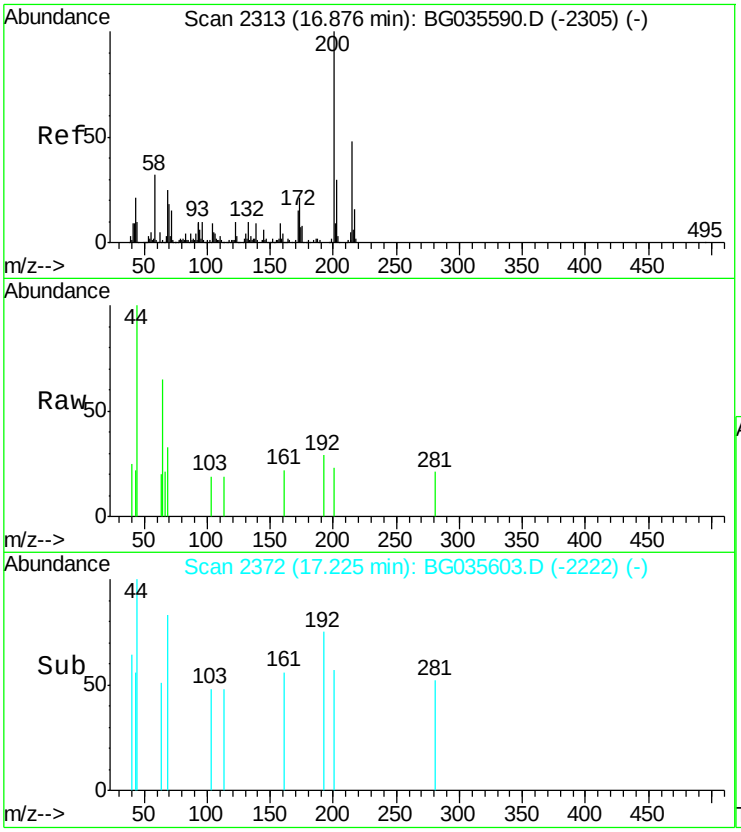


#67
Hexachlorobenzene
Concen: 0.016 ng
RT: 17.09 min Scan# 2349
Delta R.T. 0.36 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:284 Resp: 59

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.8	40.2#
249	0.0	26.3	39.5#



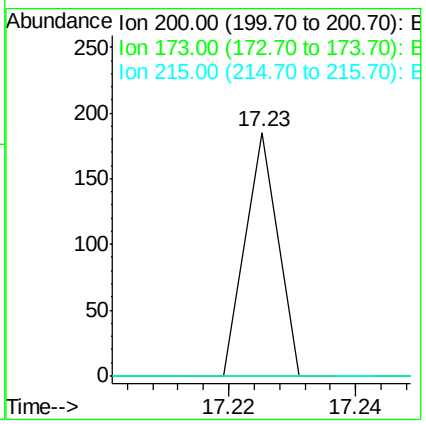


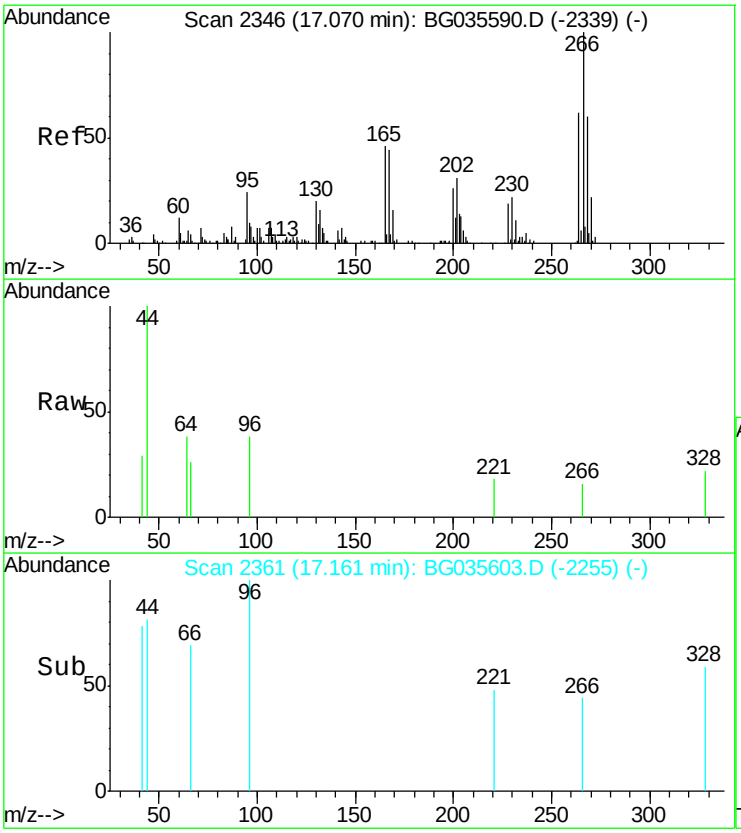
#68
Atrazine
Concen: 0.018 ng
RT: 17.23 min Scan# 2372
Delta R.T. 0.35 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:200 Resp: 65

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#

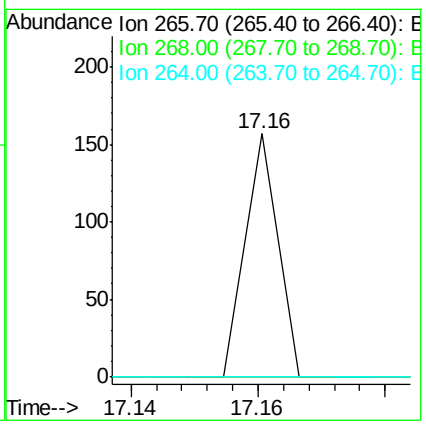


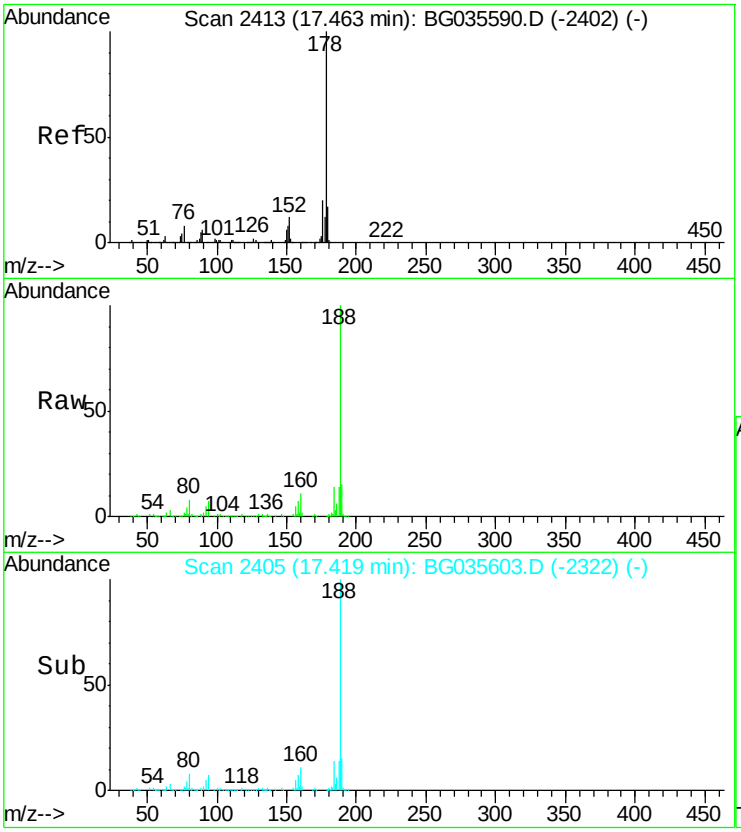


#69
Pentachlorophenol
Concen: 0.025 ng
RT: 17.16 min Scan# 2361
Delta R.T. 0.09 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:266 Resp: 55

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.6	74.4#



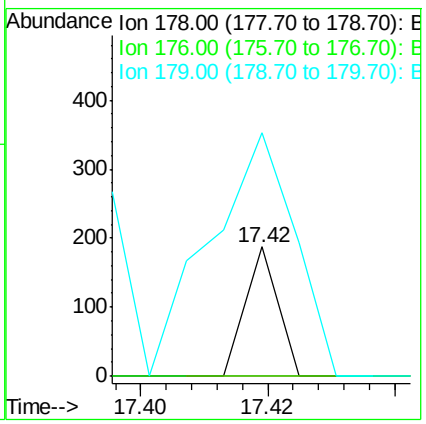


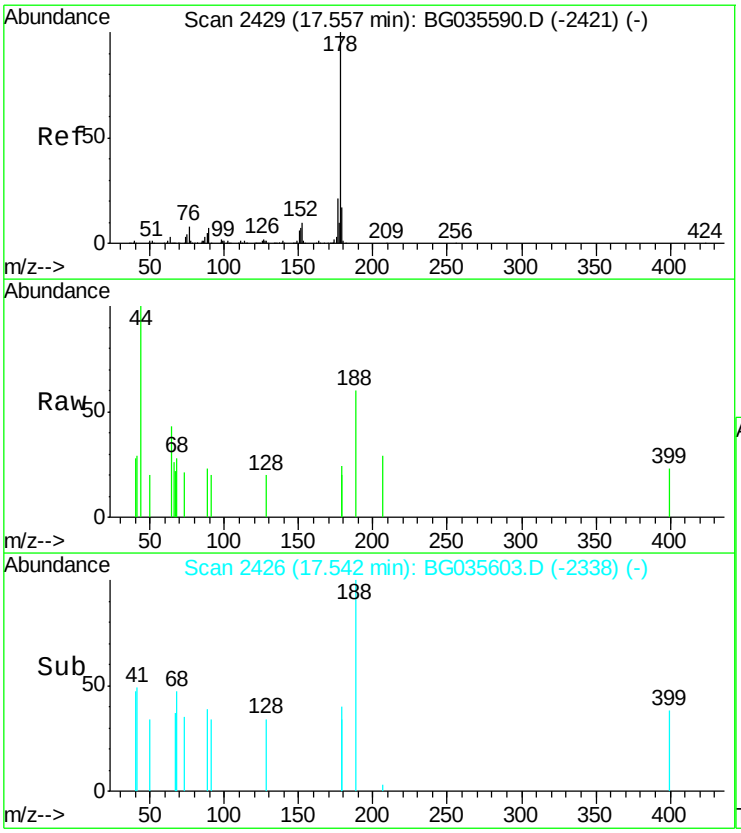
#70
Phenanthrene
Concen: 0.004 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.04 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:178 Resp: 66

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	188.8	12.5	18.7#

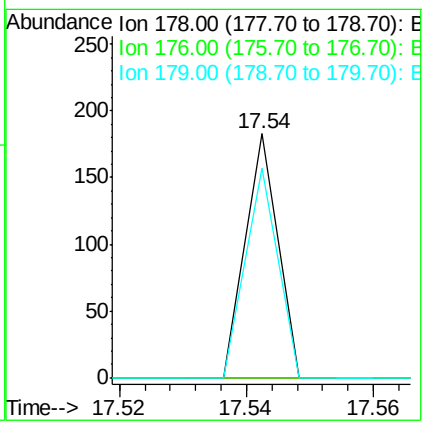


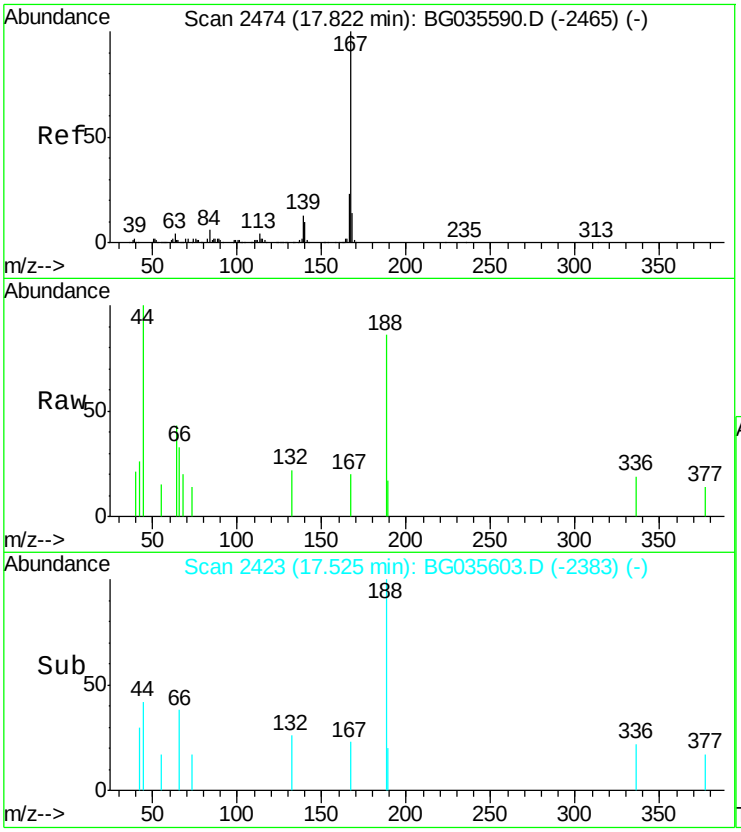


#71
Anthracene
Concen: 0.004 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.02 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:178 Resp: 65

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	85.8	12.5	18.7#



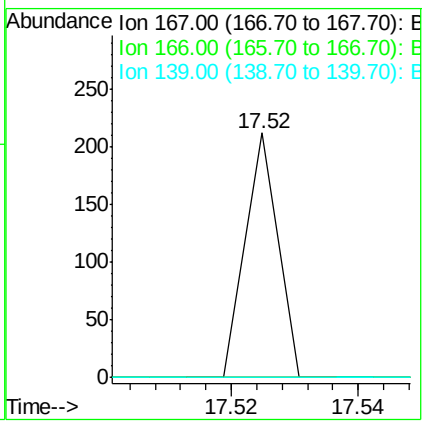


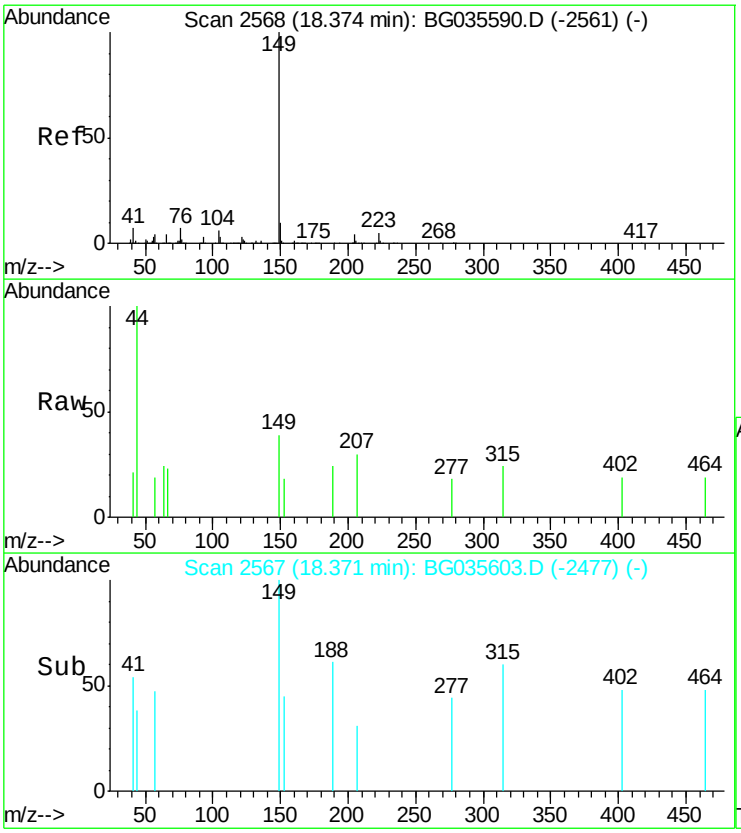
#72
Carbazole
Concen: 0.005 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.30 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:167 Resp: 75

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	9.4	14.2#

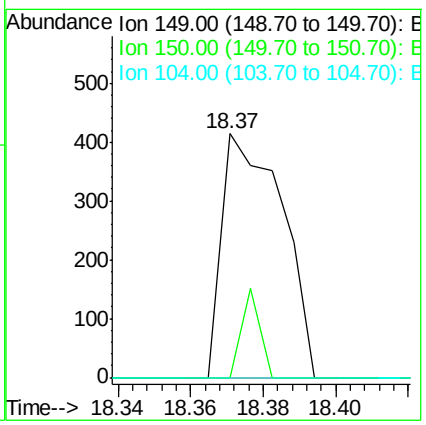


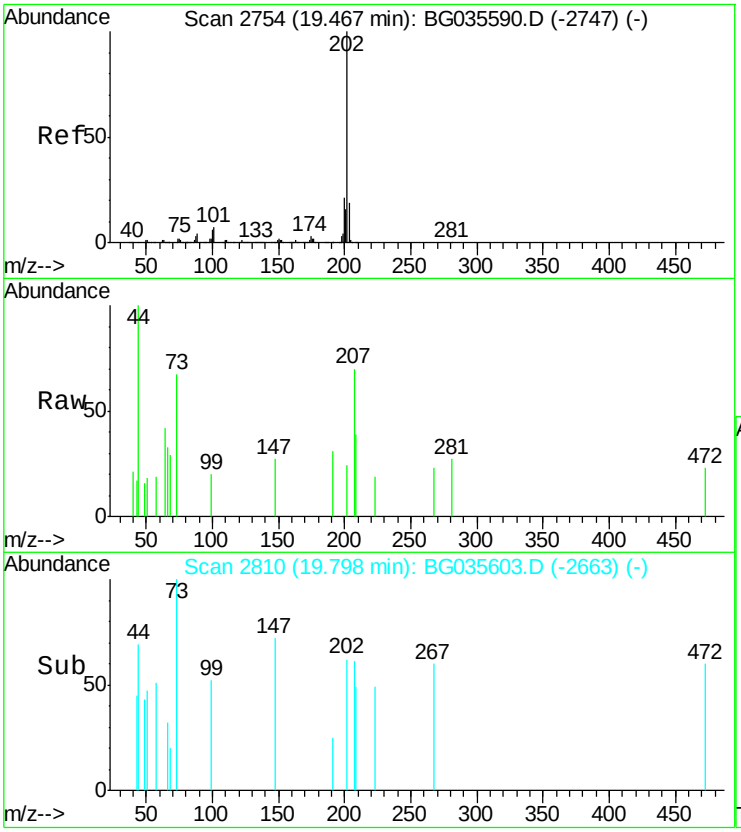


#73
Di-n-butylphthalate
Concen: 0.028 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:149 Resp: 478

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.9	5.9#



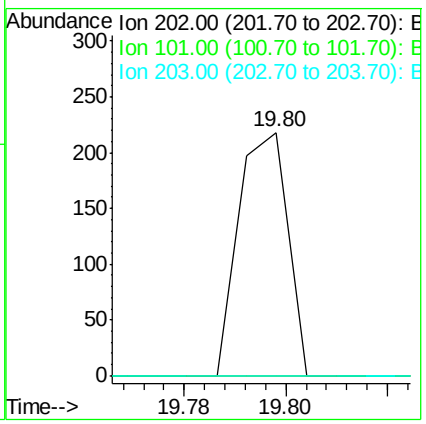


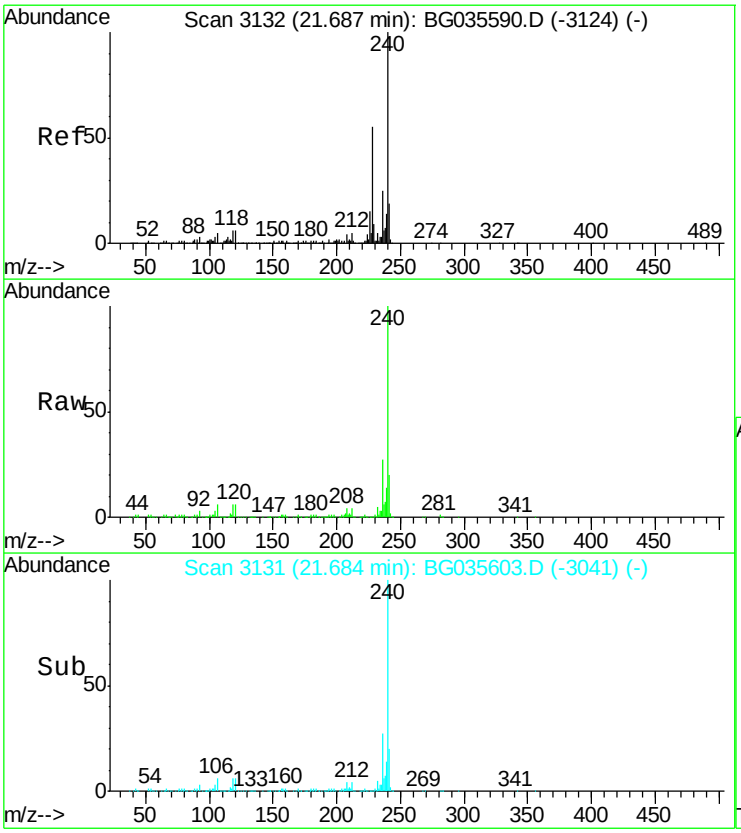
#74
Fluoranthene
Concen: 0.007 ng
RT: 19.80 min Scan# 2810
Delta R.T. 0.33 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:202 Resp: 146

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5

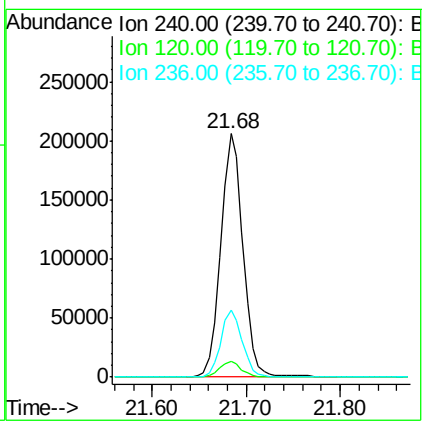


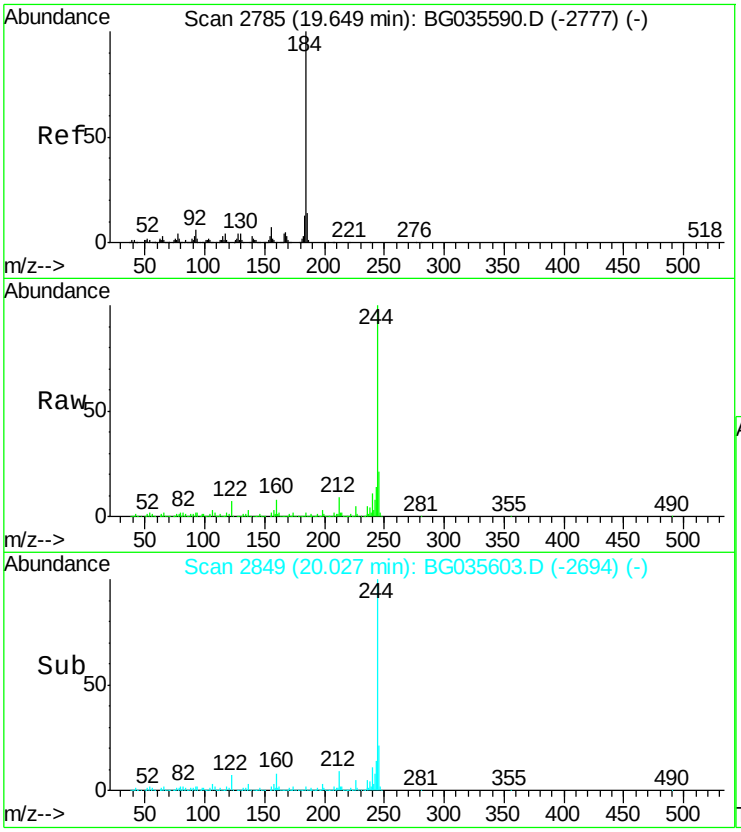


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:240 Resp: 338549

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	27.3	20.9	31.3



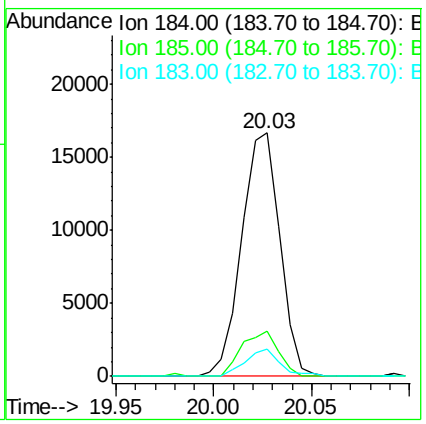


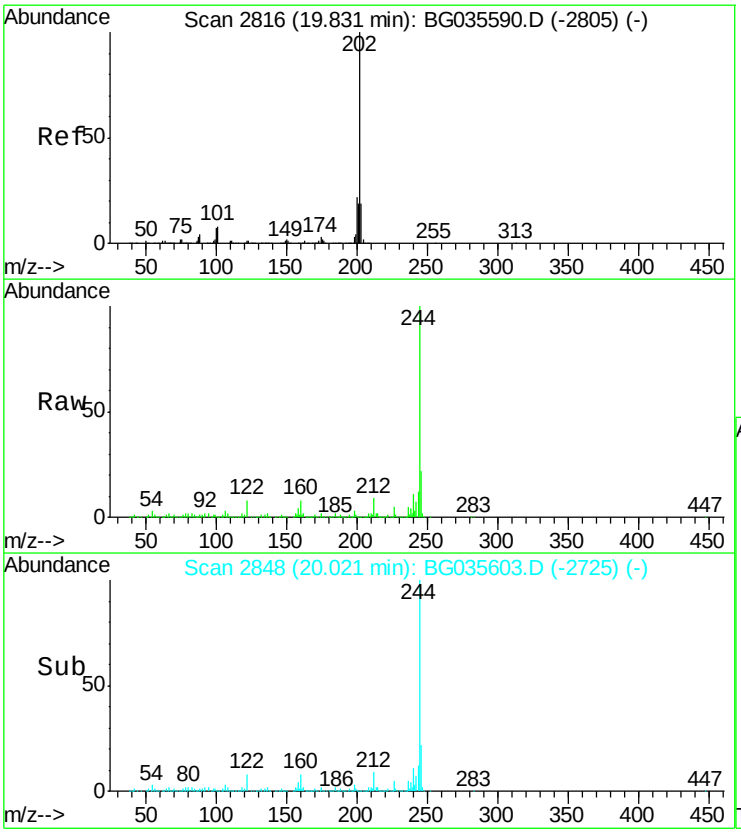
#76
Benzidine
Concen: 2.536 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:184 Resp: 22571

Ion	Ratio	Lower	Upper
184	100		
185	18.7	11.1	16.7#
183	11.4	10.6	16.0

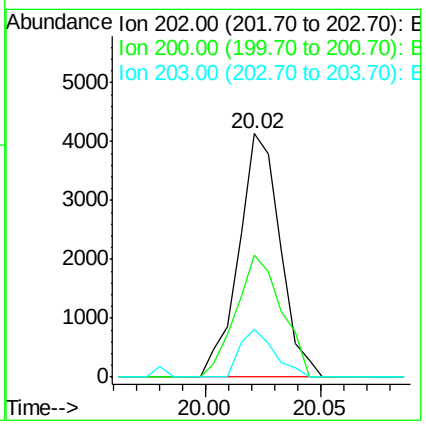


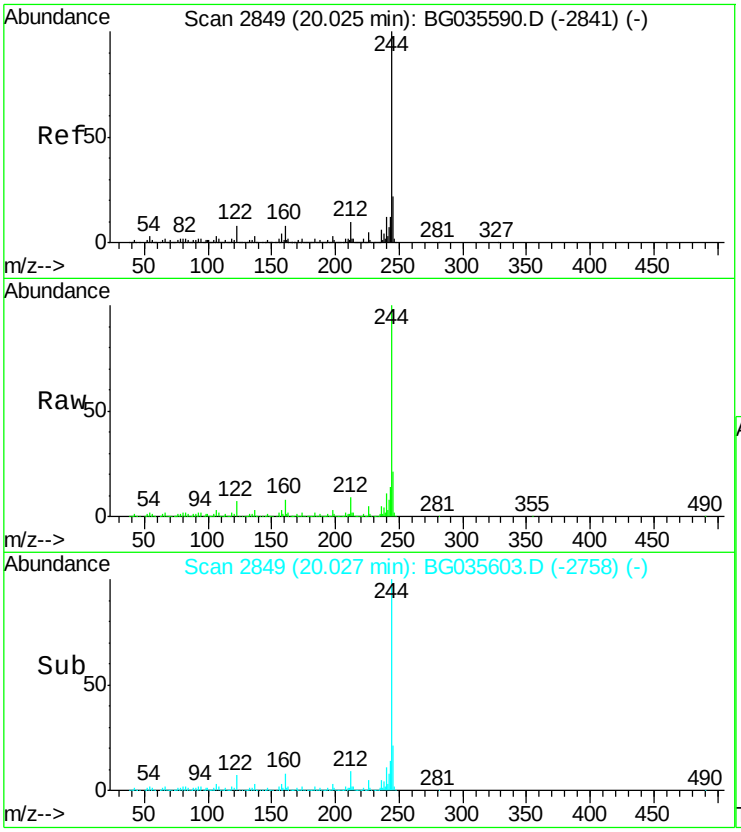


#77
Pyrene
Concen: 0.242 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.19 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:202 Resp: 5186

Ion	Ratio	Lower	Upper
202	100		
200	50.1	16.9	25.3#
203	19.5	13.9	20.9



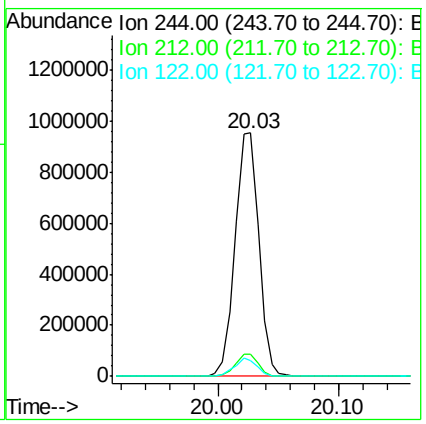


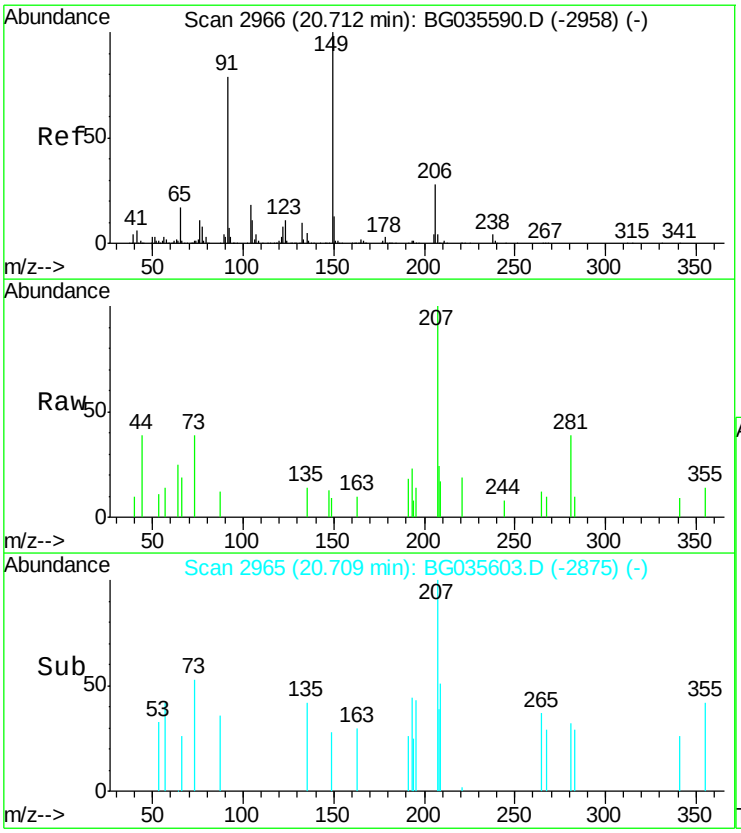
#78
Terphenyl-d14
Concen: 85.629 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:244 Resp: 1315144

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.7	7.0	10.4#

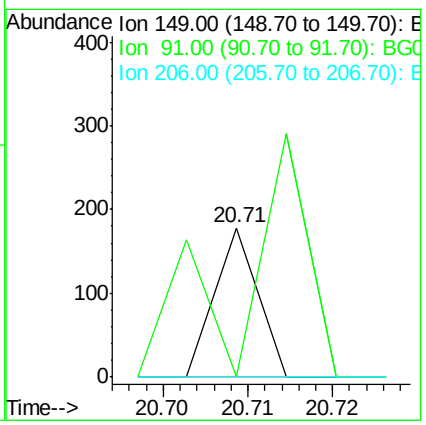


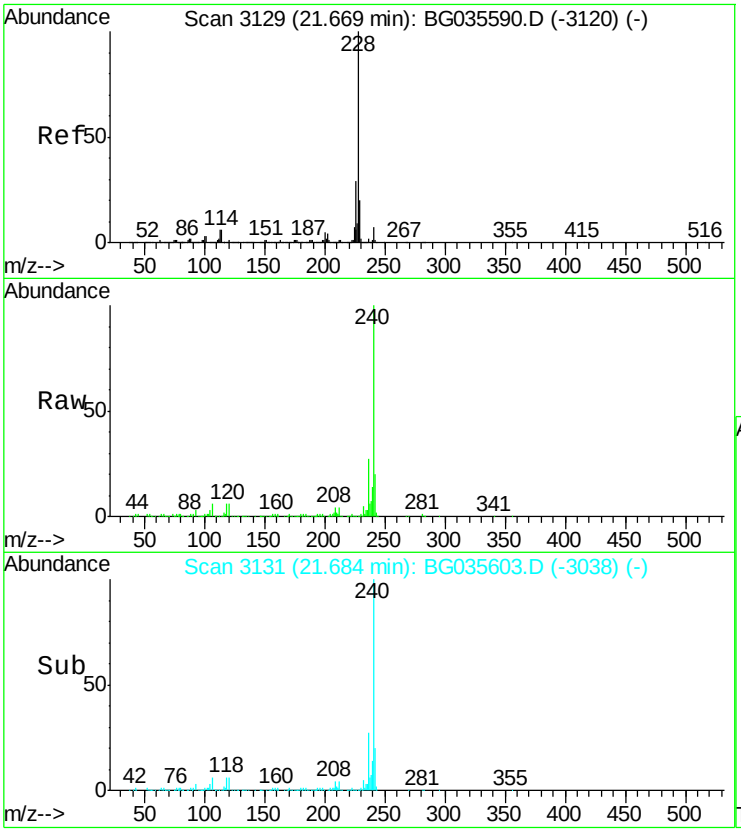


#79
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:149 Resp: 63

Ion	Ratio	Lower	Upper
149	100		
91	0.0	62.2	93.2#
206	0.0	18.6	27.8#



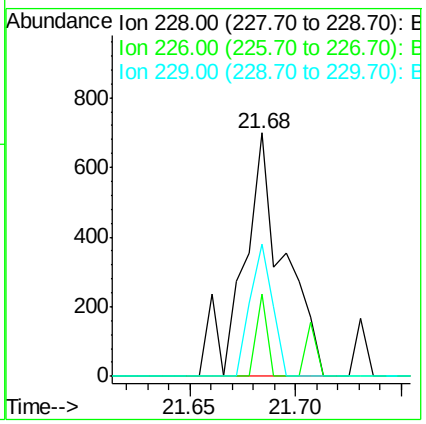


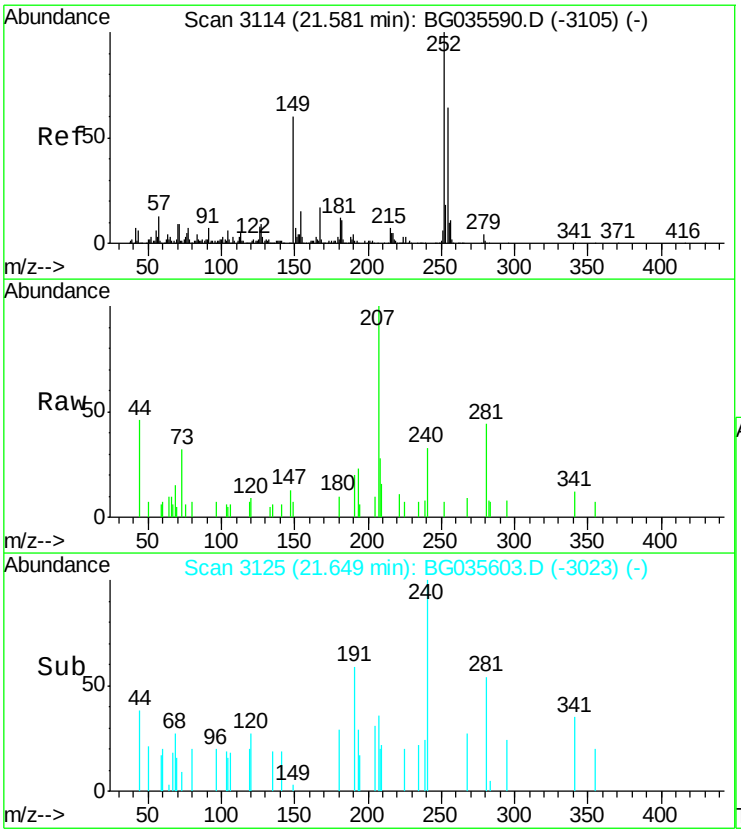
#80
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.68 min Scan# 3131
Delta R.T. 0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:228 Resp: 942

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.7	34.1
229	54.4	16.2	24.2#

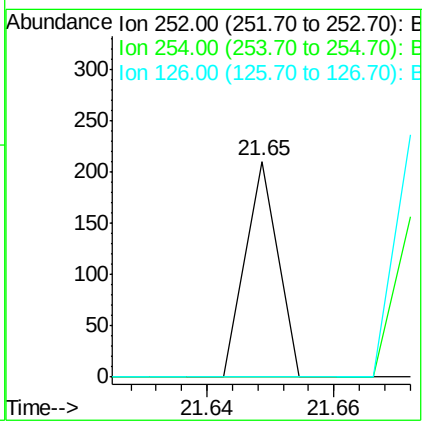


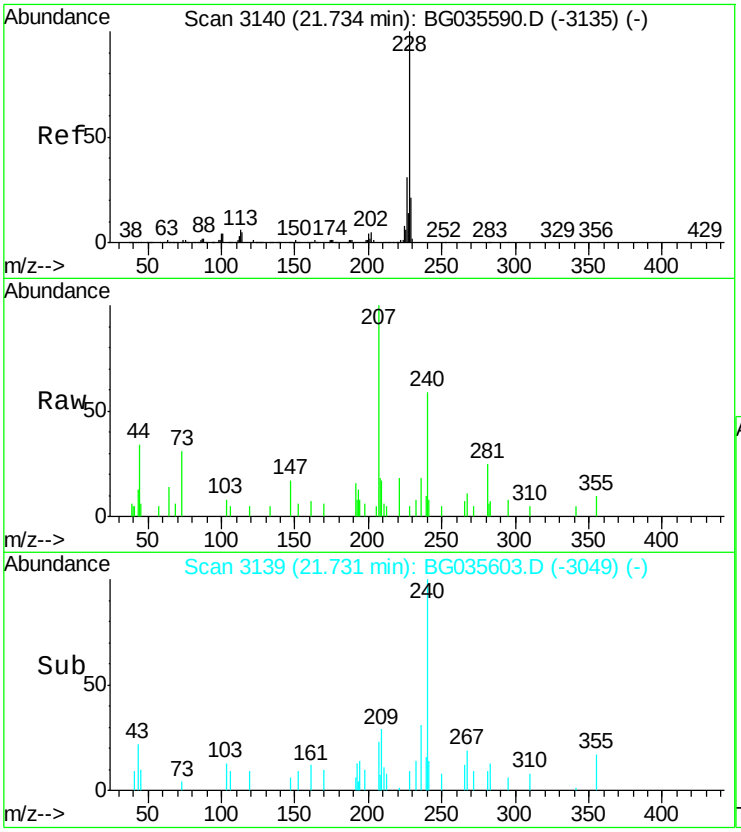


#81
3,3'-Dichlorobenzidine
Concen: 0.010 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.07 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:252 Resp: 74

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



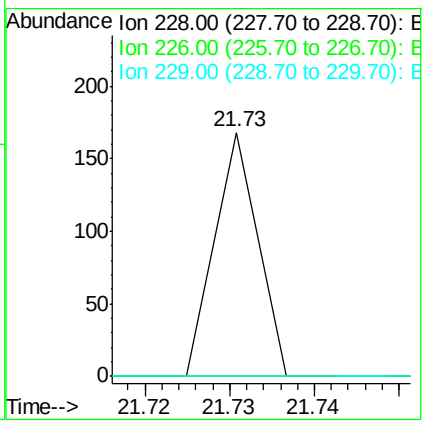


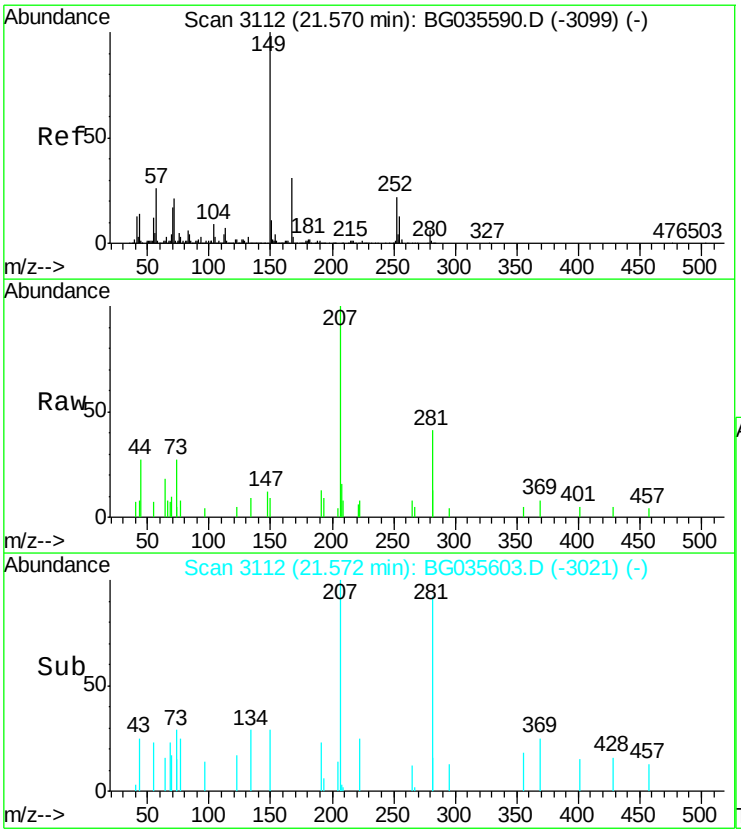
#82
Chrysene
Concen: 0.003 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:228 Resp: 59

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#

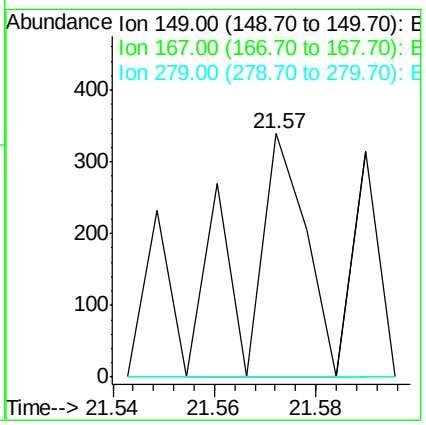


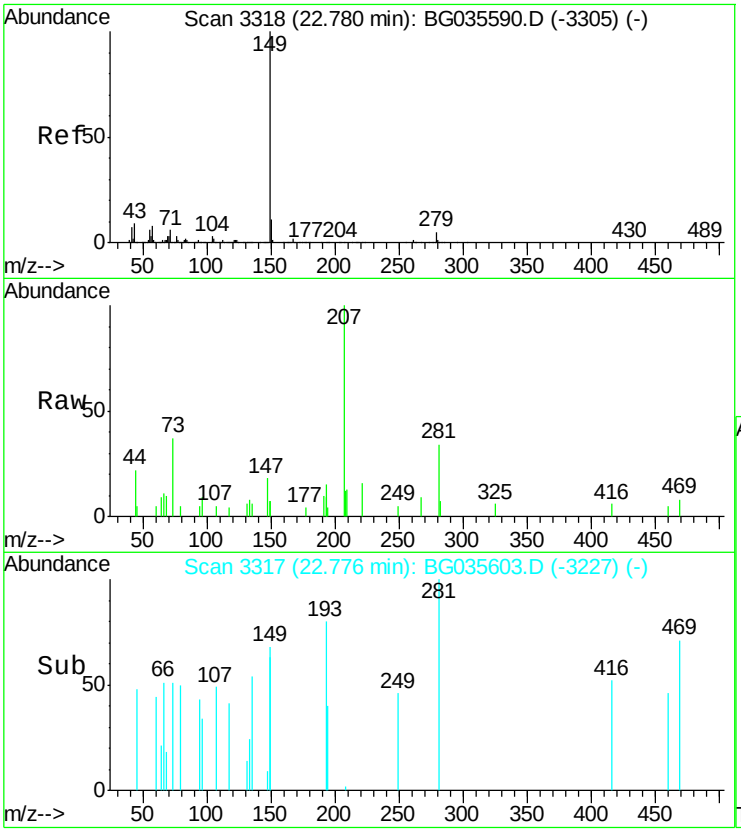


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.028 ng
RT: 21.57 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:149 Resp: 287

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.3	36.5#
279	0.0	4.0	6.0#



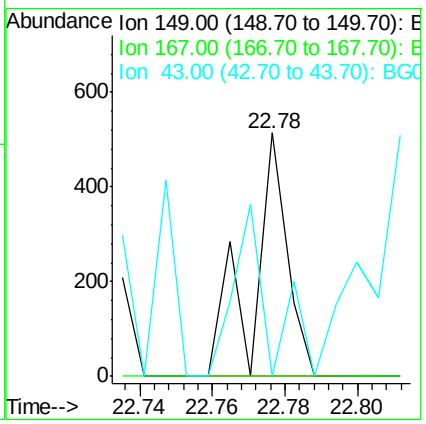


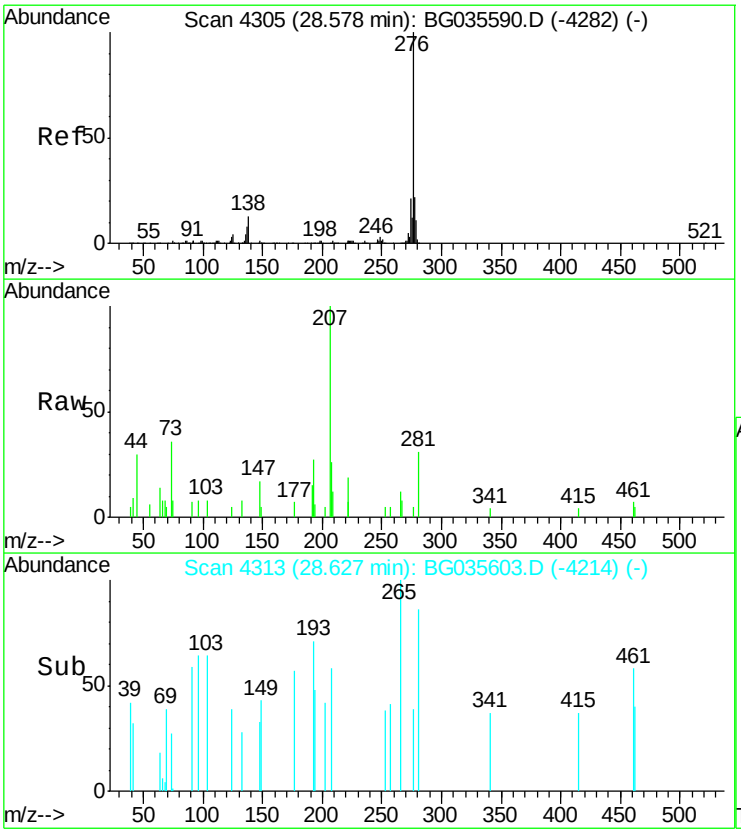
#84
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 22.78 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:149 Resp: 337

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	75.7	8.9	13.3#

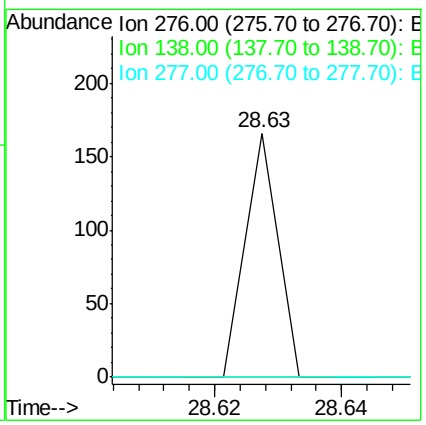


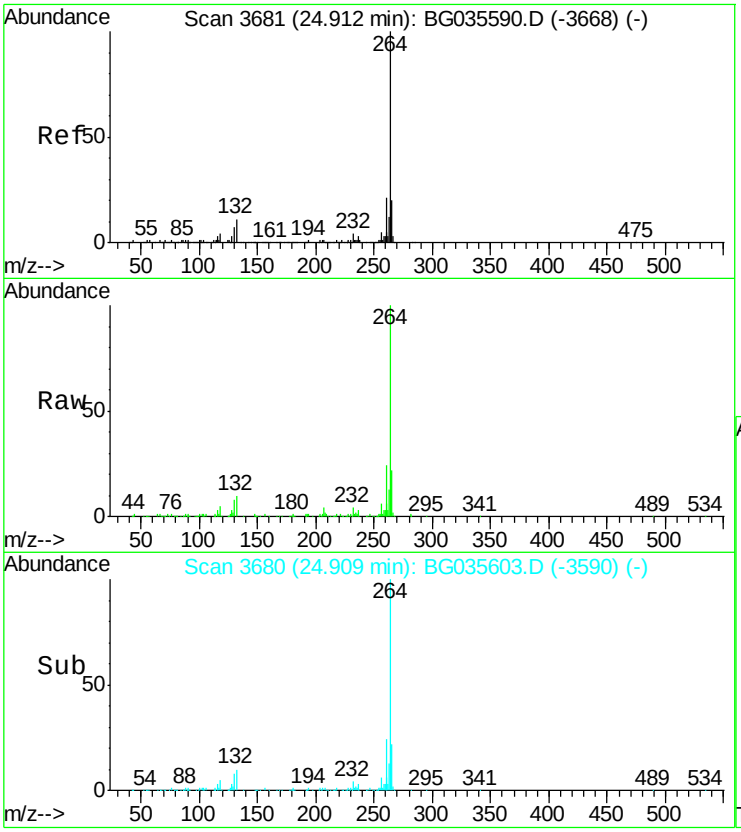


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.63 min Scan# 4313
Delta R.T. 0.05 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:276 Resp: 59

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#



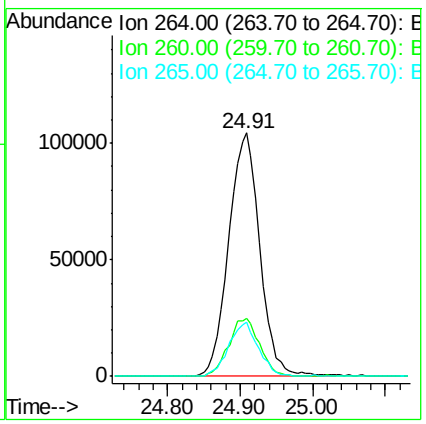


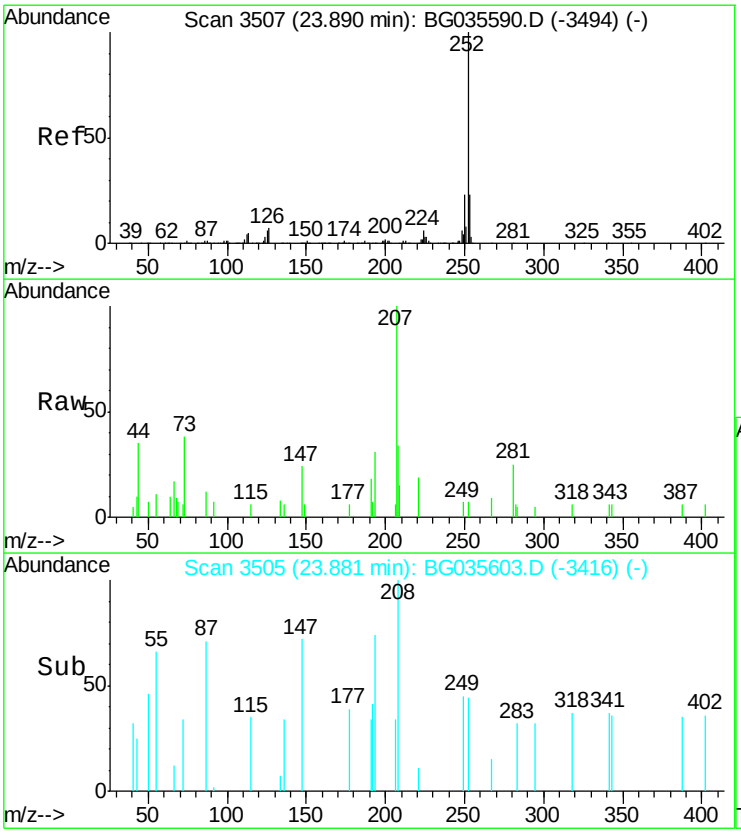
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:264 Resp: 310704

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.0	17.7	26.5

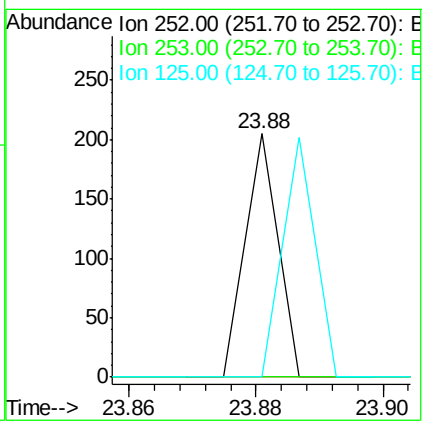


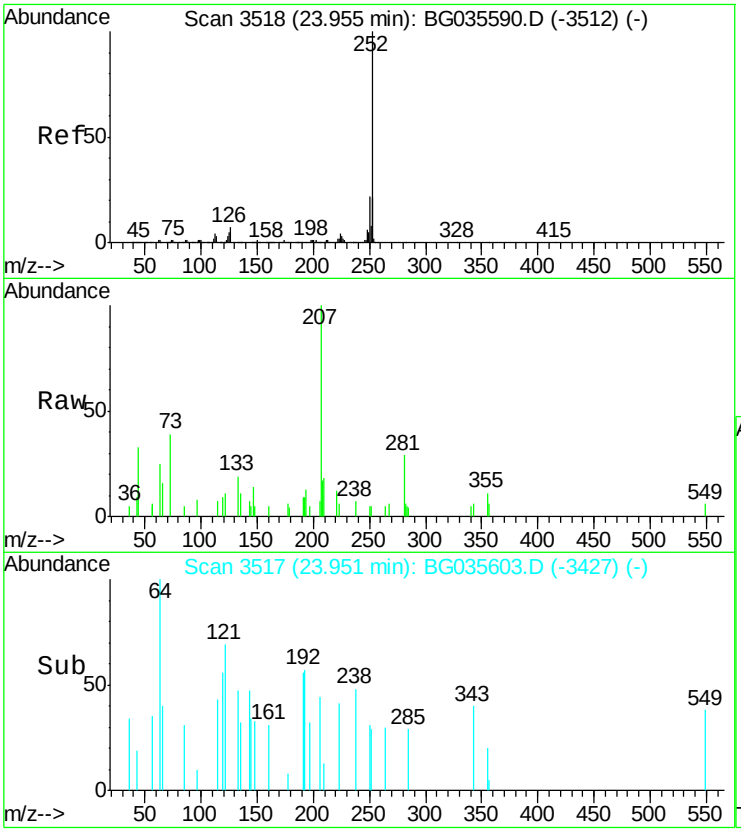


#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#



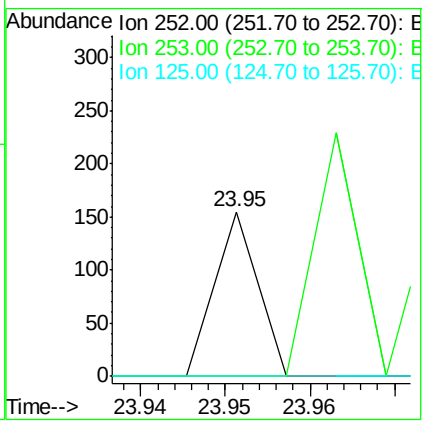


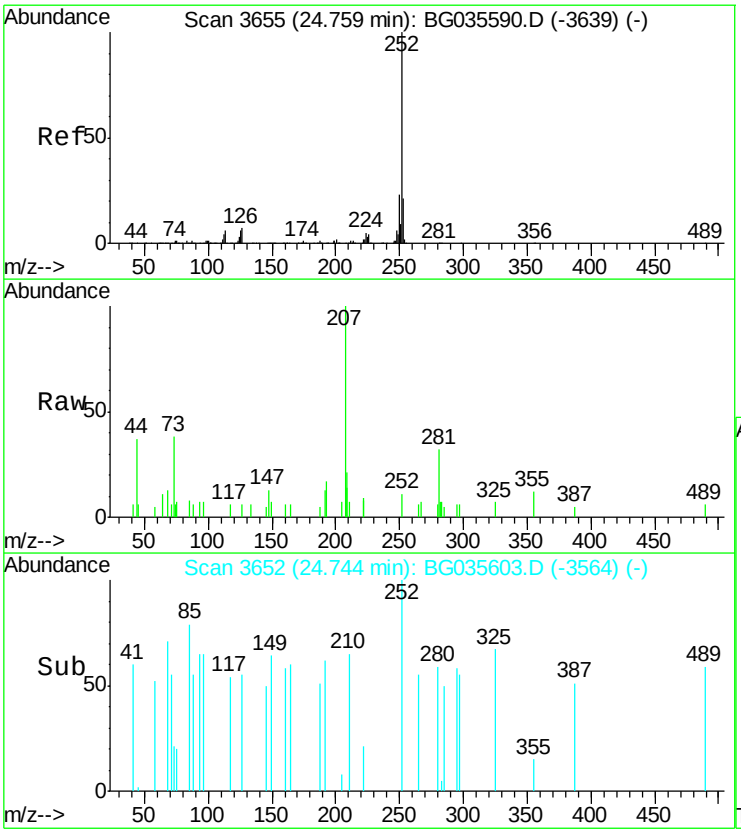
#88
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.95 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:252 Resp: 55

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#

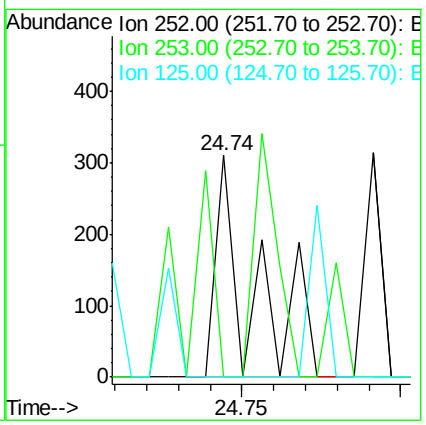


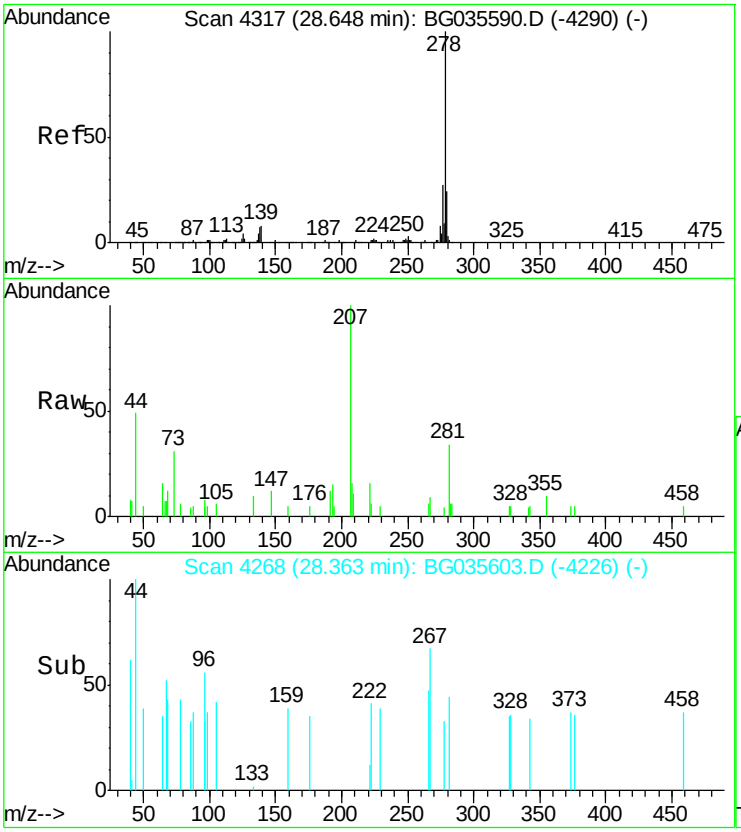


#89
Benzo(a)pyrene
Concen: 0.014 ng
RT: 24.74 min Scan# 3652
Delta R.T. -0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:252 Resp: 244

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#



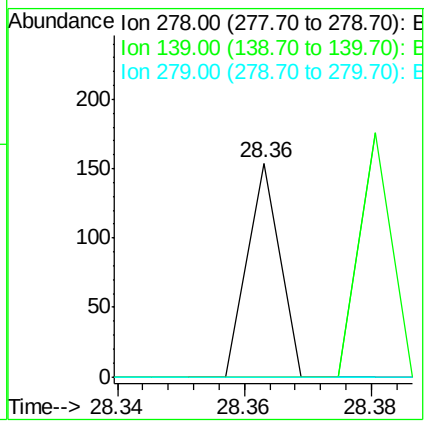


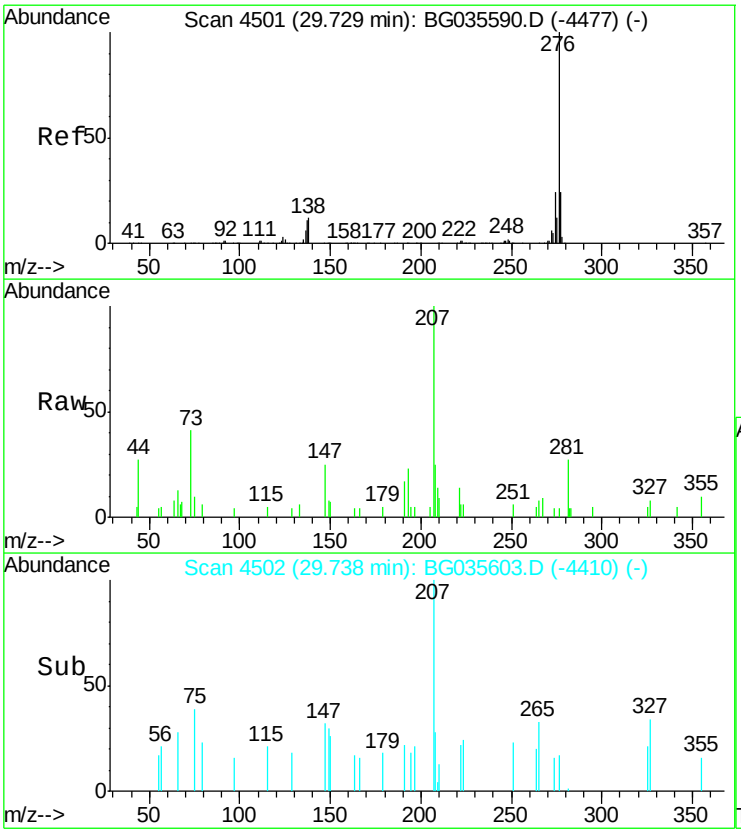
#90
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.36 min Scan# 4268
Delta R.T. -0.29 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:278 Resp: 54

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 29.74 min Scan# 4502
Delta R.T. 0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:276 Resp: 57

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#