Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035780.D
Acq On : 20 Jul 2018 11:42
Operator : JU/SJ
Sample : PB111272BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111272BL

Quant Time: Jul 20 12:36:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43606	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	157208	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103502	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	297910	20.00	ng	0.00
75) Chrysene-d12	21.66	240	354549	20.00	ng	-0.02
86) Perylene-d12	24.86	264	327326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	349272	132.98	ng	0.00
7) Phenol-d6	7.20	99	473970	120.95	ng	0.00
23) Nitrobenzene-d5	9.19	82	312571	83.06	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	186789	136.92	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	710620	91.98	ng	0.00
78) Terphenyl-d14	20.00	244	1414363	87.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	54	0.040	ng	# 1
3) Pyridine	4.10	79	53	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	311	0.208	ng	# 1
6) Aniline	7.16	93	67	0.013	ng	# 41
8) 2-Chlorophenol	7.57	128	71	0.027	ng	# 1
9) Benzaldehyde	7.20	77	1162	0.483	ng	# 5
10) Phenol	7.57	94	916	0.231	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	744	0.240	ng	# 1
12) 1,3-Dichlorobenzene	7.66	146	82	0.025	ng	# 26
13) 1,4-Dichlorobenzene	8.36	146	253	0.077	ng	# 1
14) 1,2-Dichlorobenzene	8.36	146	253	0.080	ng	# 1
15) Benzyl Alcohol	8.35	79	6349	1.784	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.58	45	56	0.022	ng	75
18) Hexachloroethane	9.22	117	74	0.059	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	42131	12.767	ng	# 64
22) Acetophenone	8.57	105	54	0.011	ng	# 50
24) Nitrobenzene	9.22	77	138	0.036	ng	# 42
25) Isophorone	9.60	82	650	0.093	ng	# 69
27) 2,4-Dimethylphenol	10.36	122	57	0.025	ng	# 1
29) 2,4-Dichlorophenol	10.28	162	73	0.028	ng	# 23
31) Naphthalene	11.10	128	59	0.007	ng	# 68
32) Benzoic acid	10.36	122	57	0.037	ng	# 1
34) Hexachlorobutadiene	11.30	225	58	0.023	ng	# 20
35) Caprolactam	11.81	113	55	0.049	ng	# 1
36) 4-Chloro-3-methylphenol	11.99	107	60	0.017	ng	# 22
37) 2-Methylnaphthalene	12.52	142	56	0.009	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	59	0.015	ng	# 1
45) 1,1'-Biphenyl	13.49	154	732	0.091	ng	92
47) 2-Nitroaniline	13.68	65	69	0.031	ng	# 9
50) 2,6-Dinitrotoluene	14.65	165	14751	7.988	ng	# 20
51) Acenaphthene	14.66	154	598	0.092	ng	# 5
54) Dibenzofuran	14.63	168	53	0.005	ng	# 46
55) 4-Nitrophenol	14.75	139	61	0.045	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	14751	5.568	ng	# 17

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035780.D
Acq On : 20 Jul 2018 11:42
Operator : JU/SJ
Sample : PB111272BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111272BL

Quant Time: Jul 20 12:36:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Fluorene	16.14	166	5387	0.620	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	15.21	232	58	0.024	ng	#	40
59) Diethylphthalate	15.59	149	54	0.006	ng	#	58
60) 4-Chlorophenyl-phenylether	15.50	204	62	0.012	ng	#	30
61) 4-Nitroaniline	15.84	138	64	0.032	ng	#	12
62) Azobenzene	16.03	77	58	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.57	198	84	0.051	ng	#	29
65) n-Nitrosodiphenylamine	16.14	169	6890	0.813	ng	#	49
66) 4-Bromophenyl-phenylether	16.14	248	15245	4.411	ng	#	1
67) Hexachlorobenzene	16.60	284	54	0.015	ng	#	41
68) Atrazine	16.96	200	58	0.017	ng	#	35
69) Pentachlorophenol	17.29	266	110	0.051	ng	#	19
70) Phenanthrene	17.44	178	72	0.005	ng	#	60
71) Anthracene	17.44	178	72	0.005	ng	#	59
72) Carbazole	17.92	167	62	0.004	ng	#	59
73) Di-n-butylphthalate	18.38	149	413	0.025	ng	#	78
74) Fluoranthene	19.49	202	314	0.016	ng		65
76) Benzidine	20.00	184	22716	2.437	ng	#	88
77) Pyrene	20.00	202	5632	0.251	ng	#	67
79) Butylbenzylphthalate	20.70	149	130	0.016	ng	#	20
80) Benzo(a)anthracene	21.66	228	1368	0.062	ng	#	61
81) 3,3'-Dichlorobenzidine	21.55	252	55	0.007	ng	#	26
82) Chrysene	21.70	228	233	0.011	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.55	149	717	0.066	ng	#	50
84) Di-n-octyl phthalate	22.75	149	871	0.048	ng	#	73
85) Indeno(1,2,3-cd)pyrene	28.56	276	63	0.003	ng	#	8
87) Benzo(b)fluoranthene	23.86	252	623	0.031	ng	#	59
88) Benzo(k)fluoranthene	23.92	252	815	0.042	ng	#	1
89) Benzo(a)pyrene	24.71	252	327	0.018	ng	#	59
90) Dibenzo(a,h)anthracene	28.65	278	140	0.008	ng	#	58
91) Benzo(g,h,i)perylene	29.46	276	56	0.003	ng	#	56

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035780.D
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Instrument : BNA_G
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Quant Time: Jul 20 12:36:56 2018
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QLast Update : Wed Jul 18 17:45:13 2018
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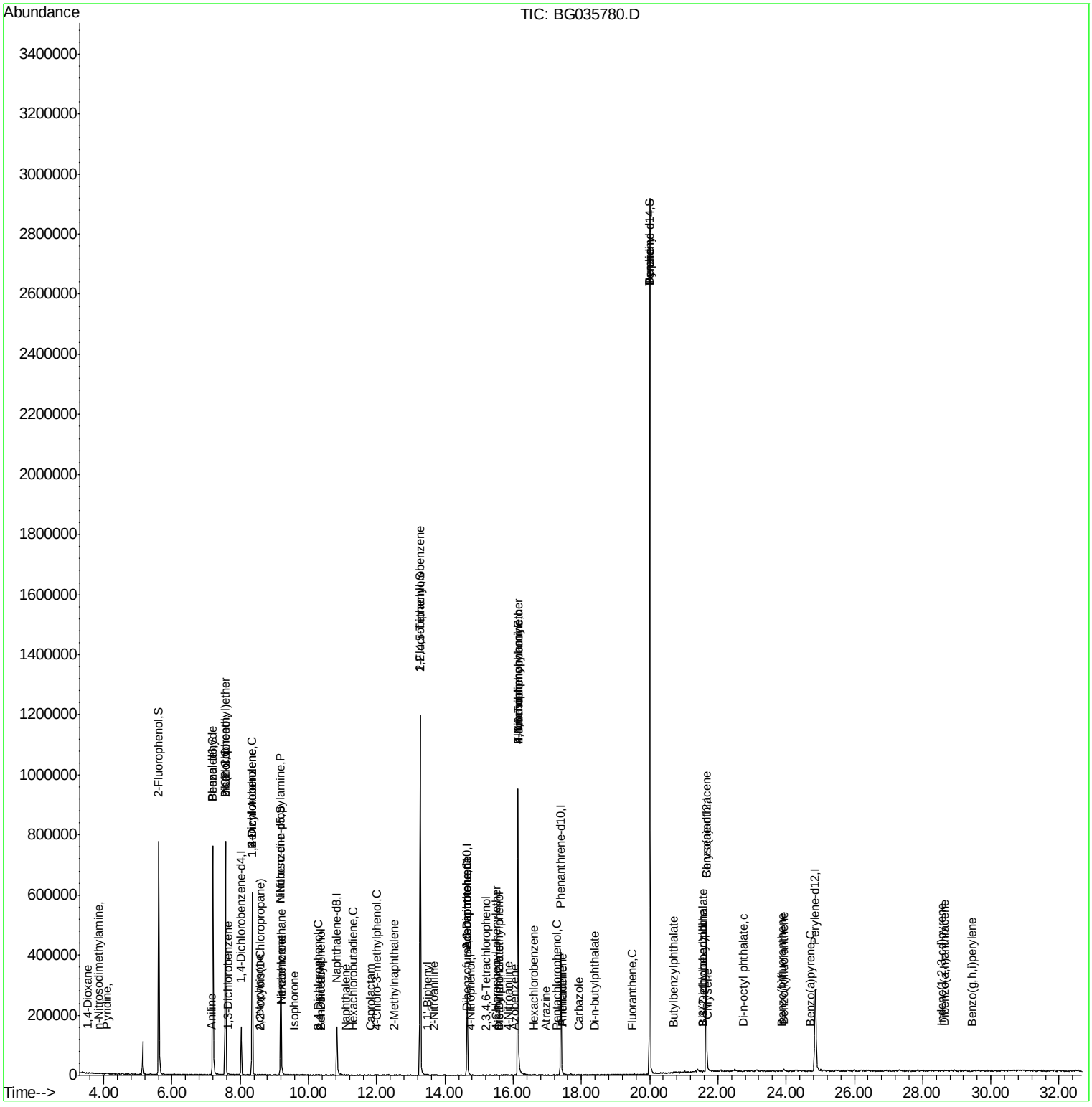
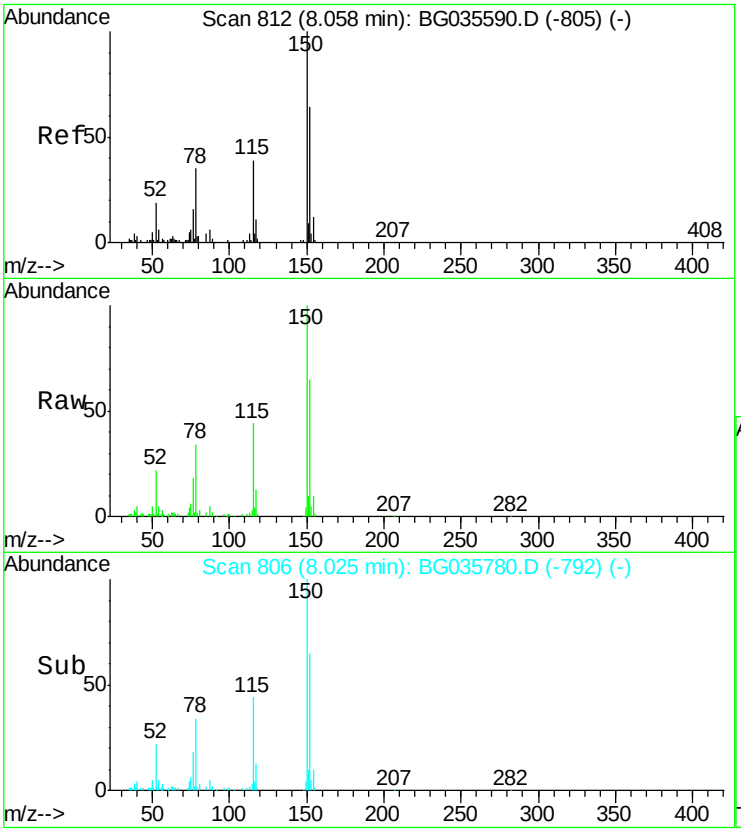


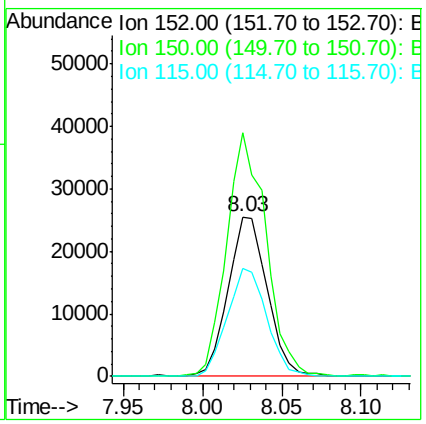


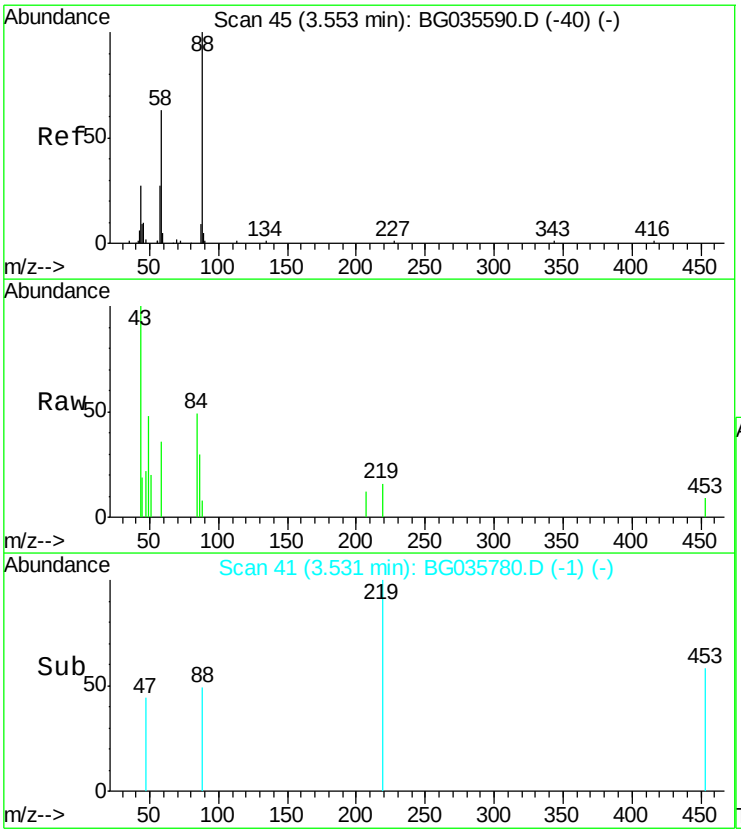
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:152 Resp: 43606

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	67.6	53.0	79.4

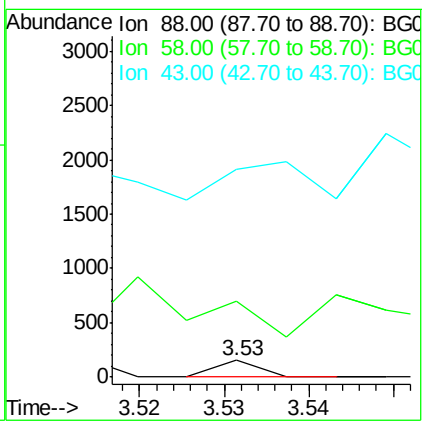


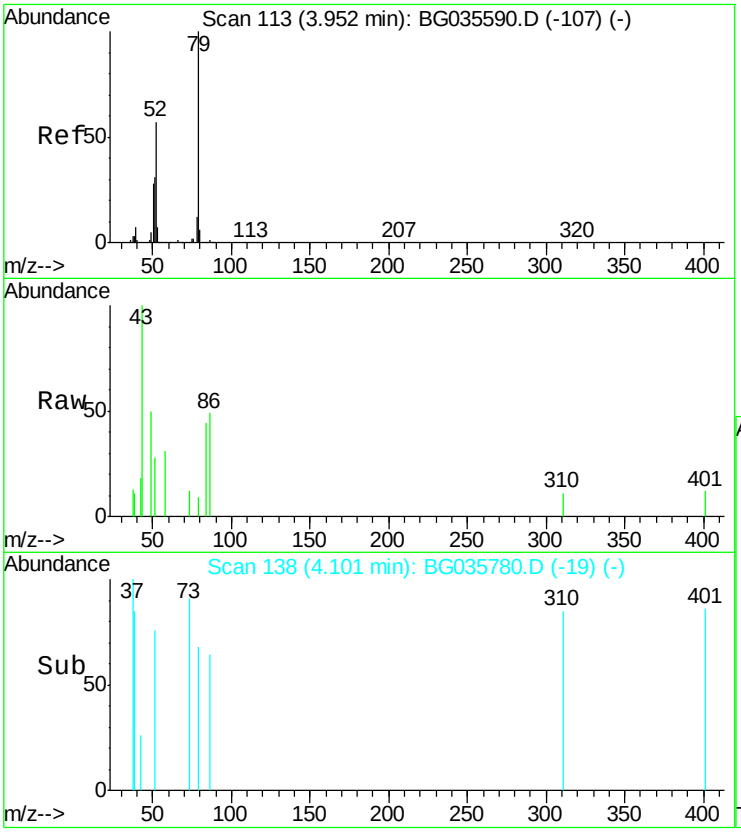


#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
58	520.4	79.6	119.4#
43	1083.3	27.4	41.0#



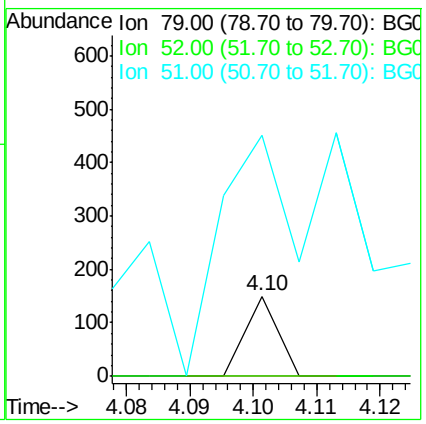


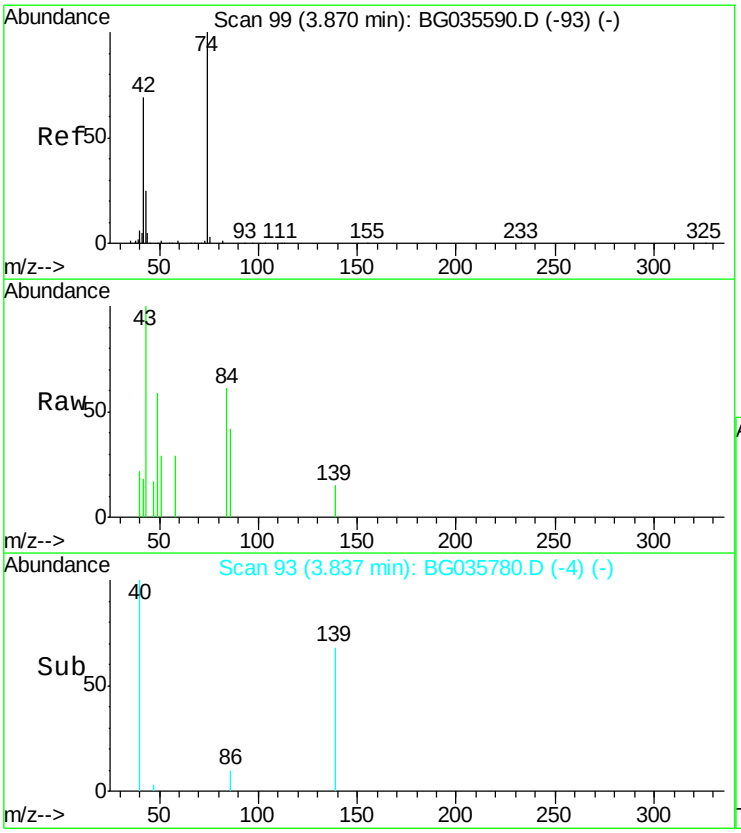
#3
Pyridine
Concen: 0.015 ng
RT: 4.10 min Scan# 138
Delta R.T. 0.17 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 79 Resp: 53

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	300.7	34.0	51.0#

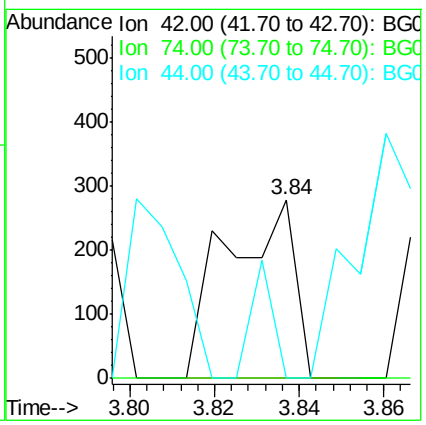


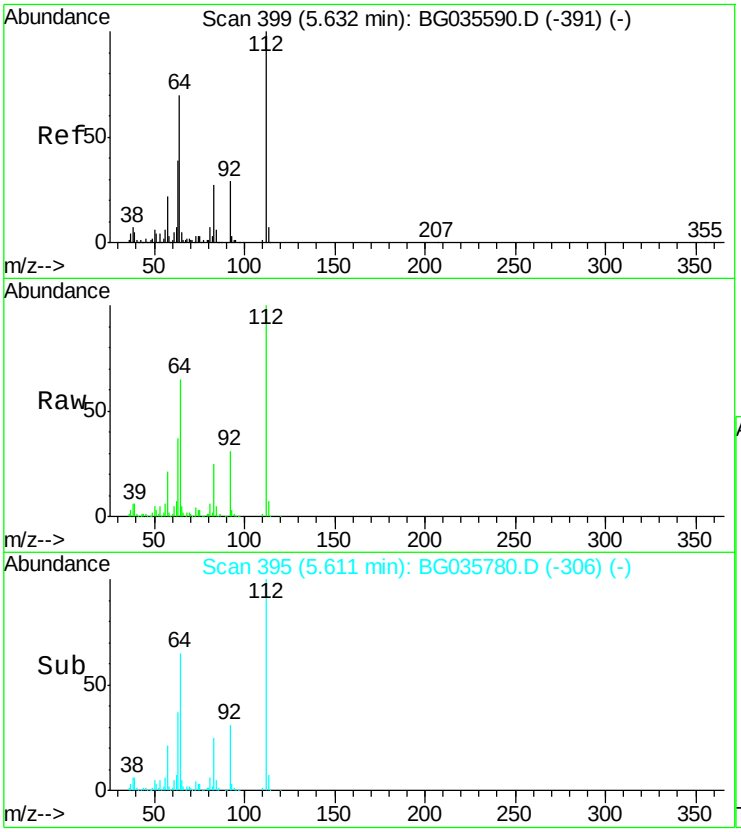


#4
n-Nitrosodimethylamine
Concen: 0.208 ng
RT: 3.84 min Scan# 93
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 42 Resp: 311

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



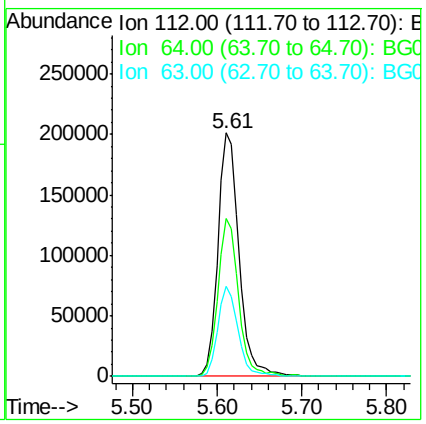


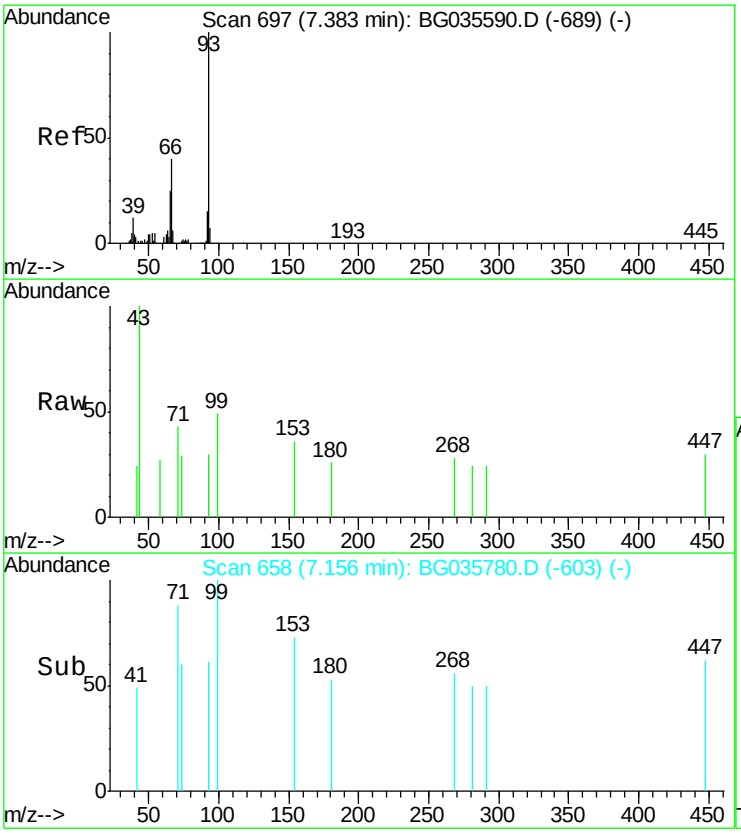
#5
2-Fluorophenol
Concen: 132.980 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:112 Resp: 349272

Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	36.9	30.1	45.1

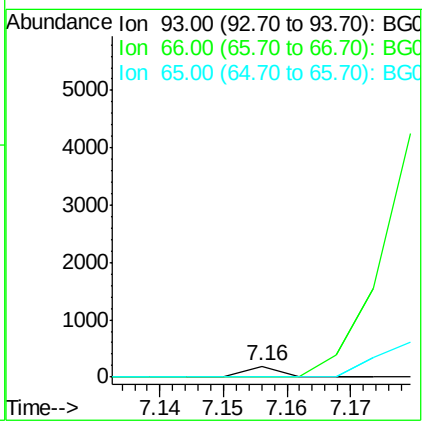


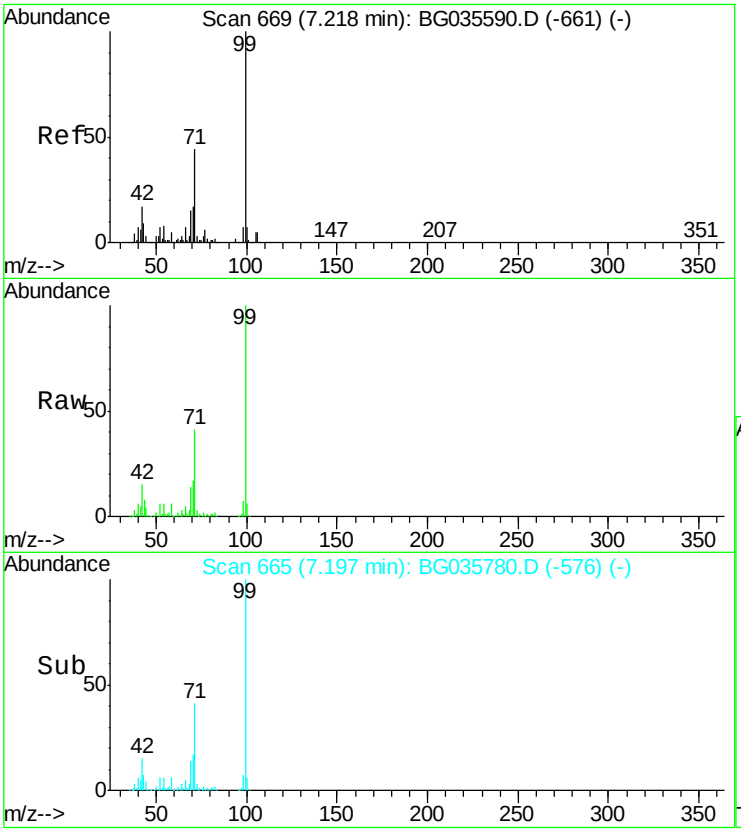


#6
Aniline
Concen: 0.013 ng
RT: 7.16 min Scan# 658
Delta R.T. -0.21 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 93 Resp: 67

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



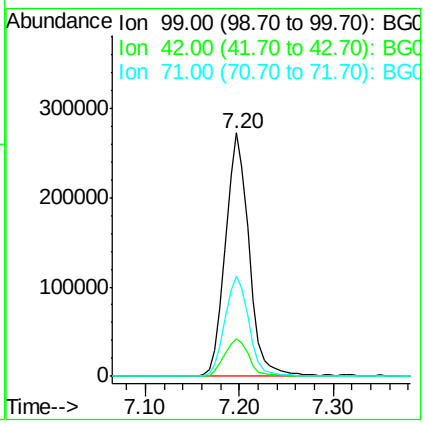


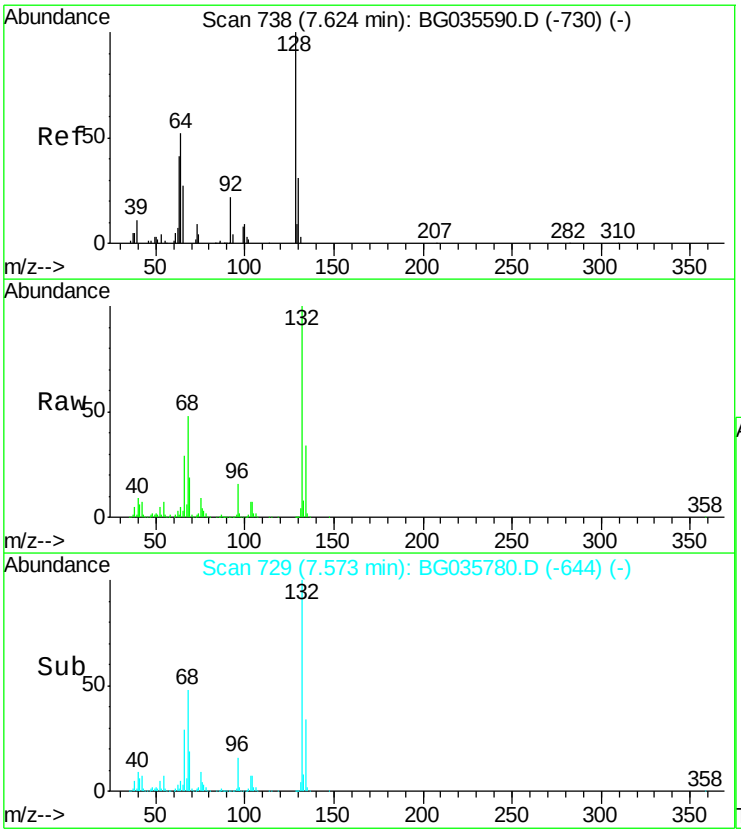
#7
Phenol-d6
Concen: 120.951 ng
RT: 7.20 min Scan# 665
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 99 Resp: 473970

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	41.4	26.1	39.1#

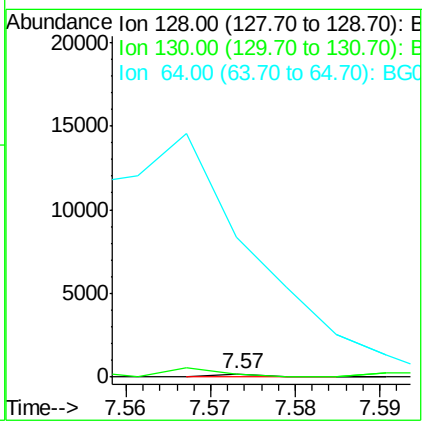


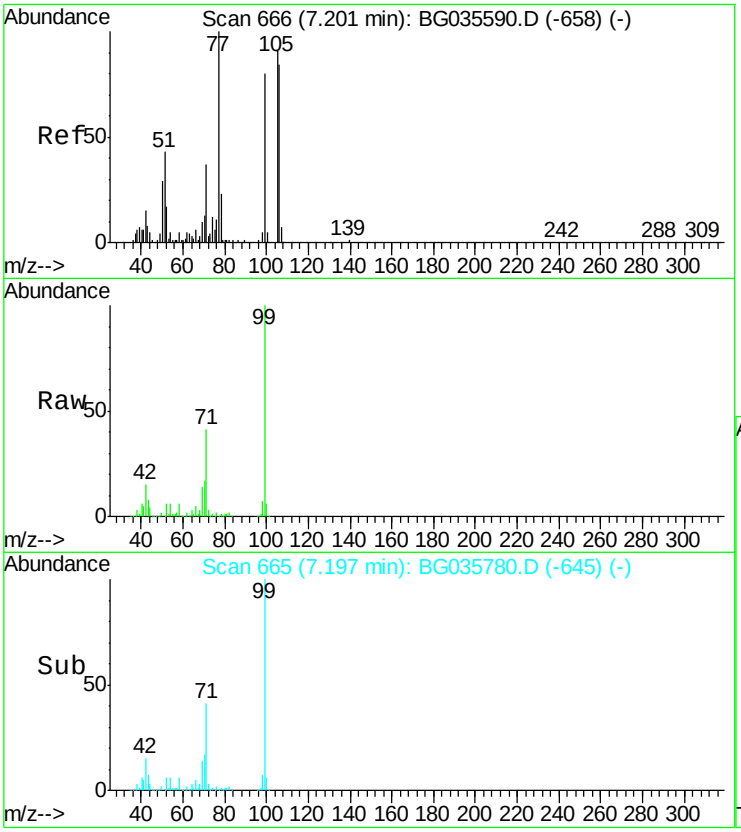


#8
2-Chlorophenol
Concen: 0.027 ng
RT: 7.57 min Scan# 729
Delta R.T. -0.03 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:128 Resp: 71

Ion	Ratio	Lower	Upper
128	100		
130	95.5	14.0	54.0#
64	4161.5	37.7	77.7#



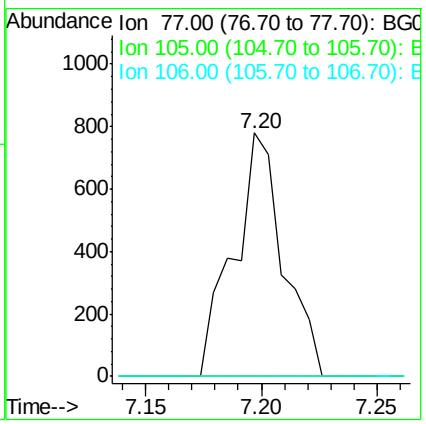


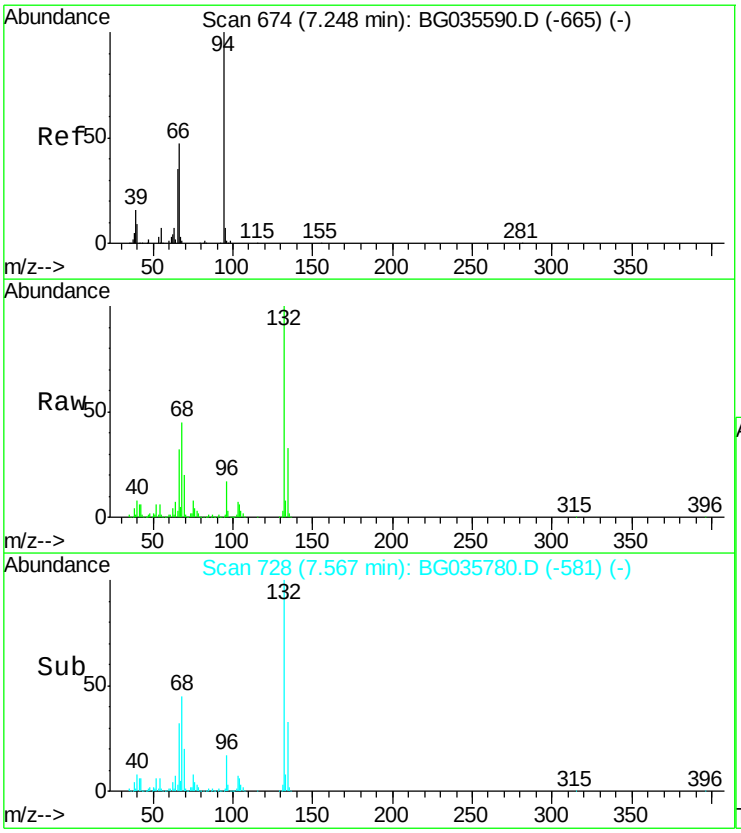
#9
Benzaldehyde
Concen: 0.483 ng
RT: 7.20 min Scan# 665
Delta R.T. 0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 77 Resp: 1162

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

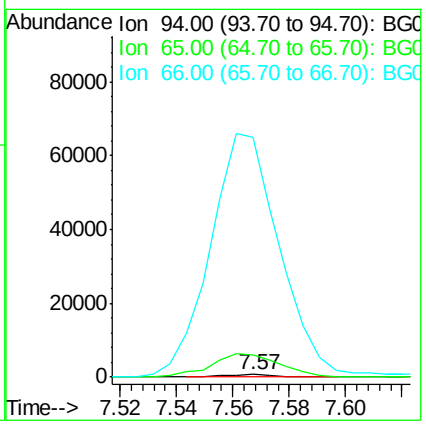


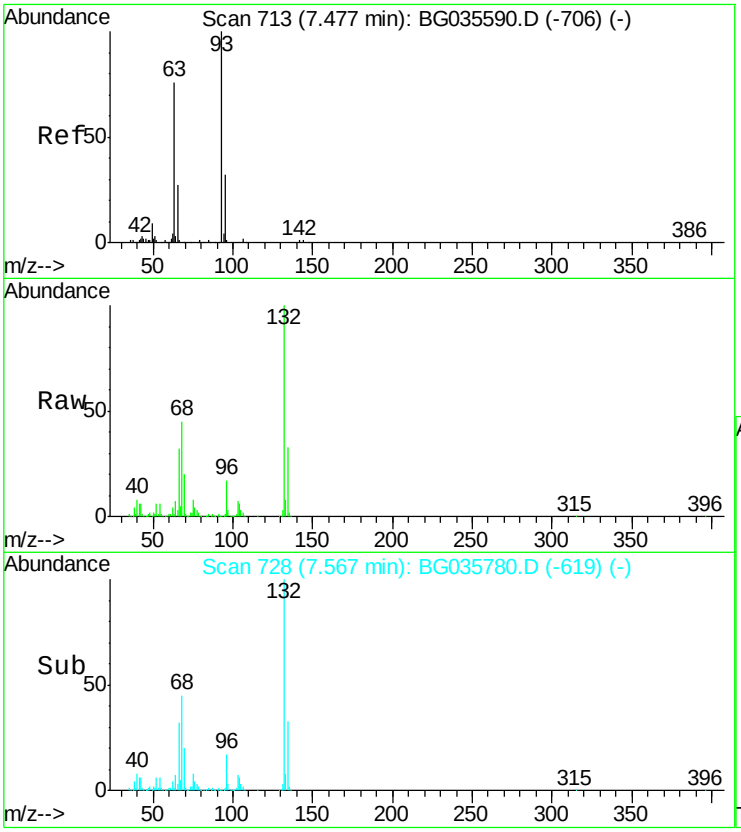


#10
Phenol
Concen: 0.231 ng
RT: 7.57 min Scan# 728
Delta R.T. 0.33 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 94 Resp: 916

Ion	Ratio	Lower	Upper
94	100		
65	800.0	11.9	51.9#
66	8801.1	22.2	62.2#



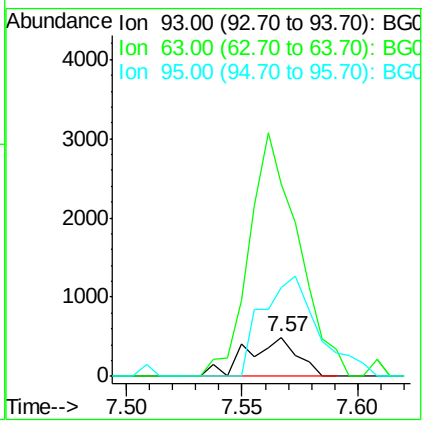


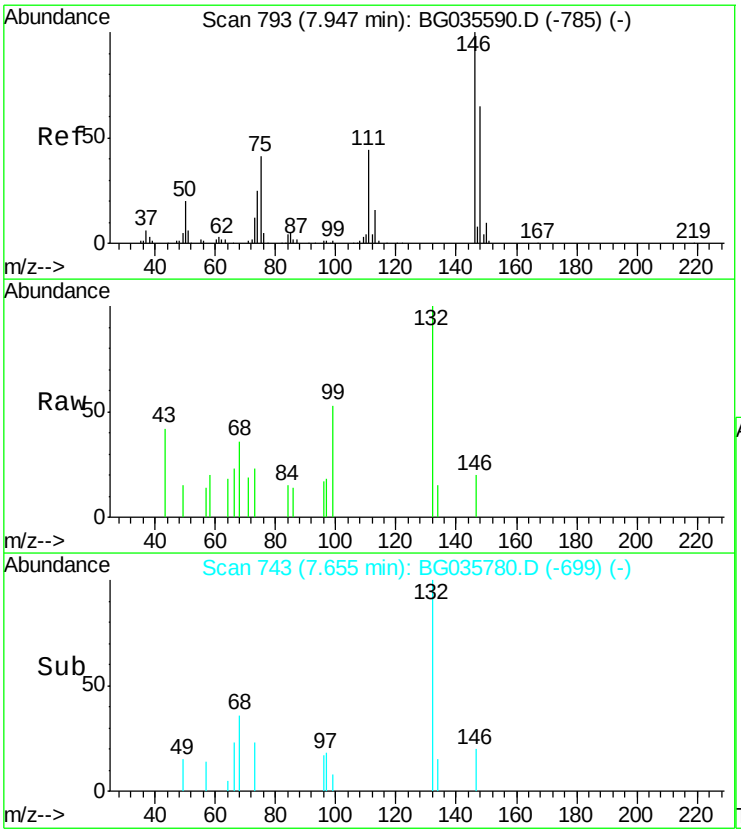
#11
bis(2-Chloroethyl)ether
Concen: 0.240 ng
RT: 7.57 min Scan# 728
Delta R.T. 0.11 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 93 Resp: 744

Ion	Ratio	Lower	Upper
93	100		
63	494.7	67.1	107.1#
95	227.9	11.5	51.5#

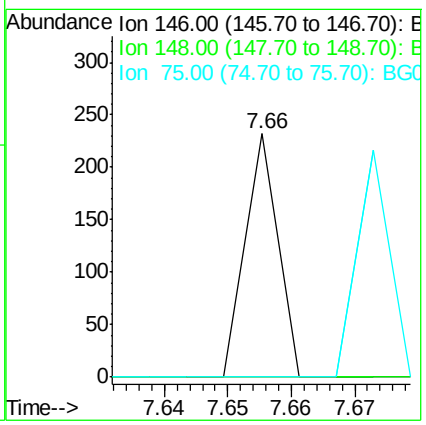


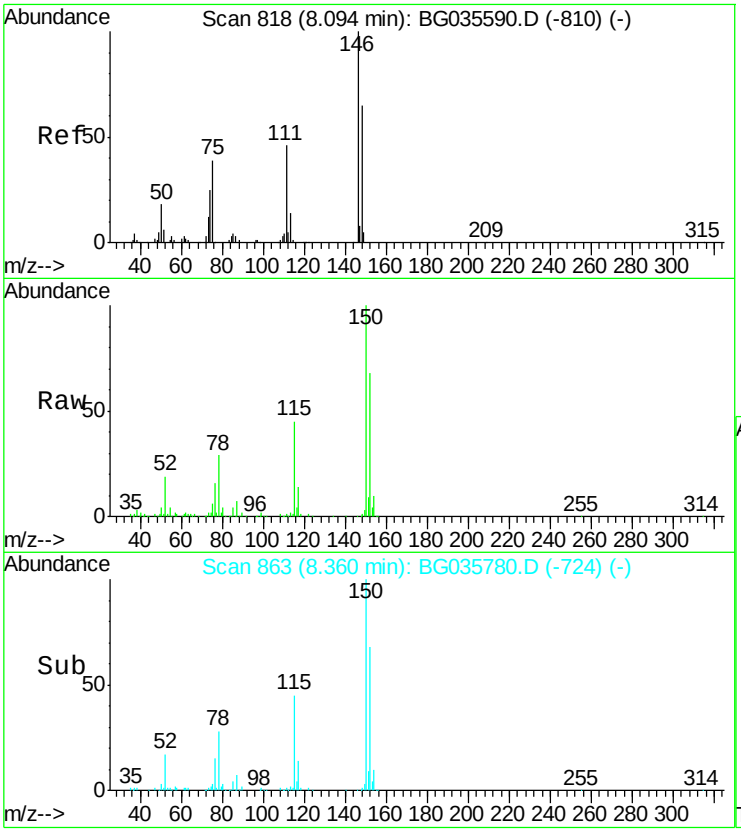


#12
1,3-Dichlorobenzene
Concen: 0.025 ng
RT: 7.66 min Scan# 743
Delta R.T. -0.27 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:146 Resp: 82

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



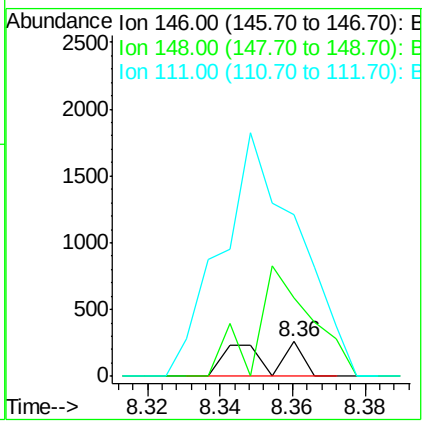


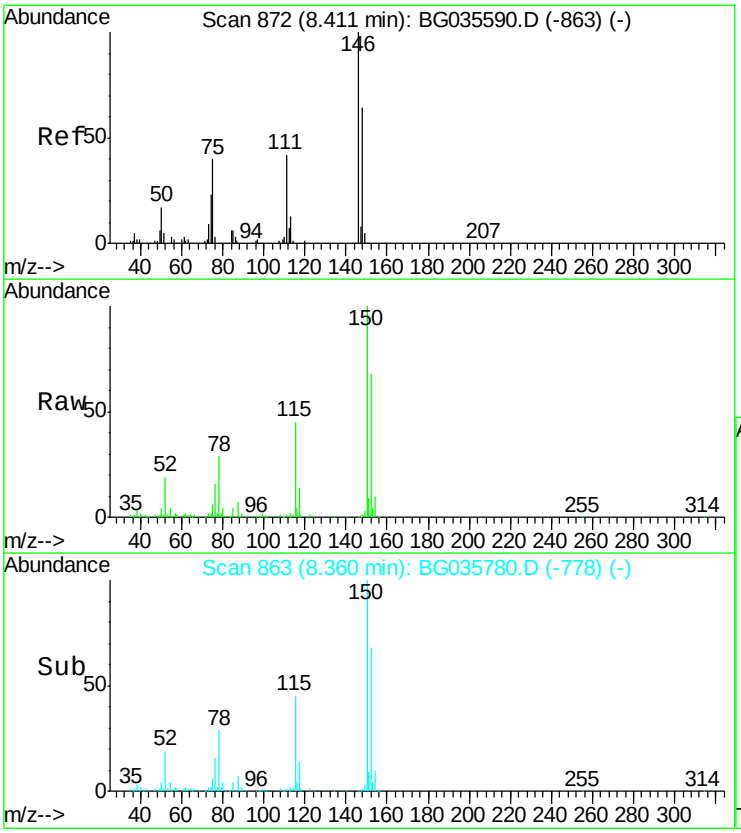
#13
1,4-Dichlorobenzene
Concen: 0.077 ng
RT: 8.36 min Scan# 863
Delta R.T. 0.28 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:146 Resp: 253

Ion	Ratio	Lower	Upper
146	100		
148	228.2	53.7	80.5#
111	468.0	35.2	52.8#

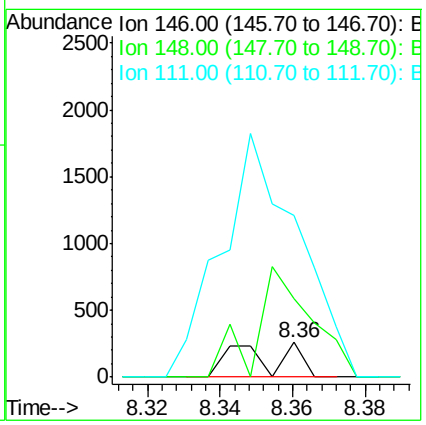


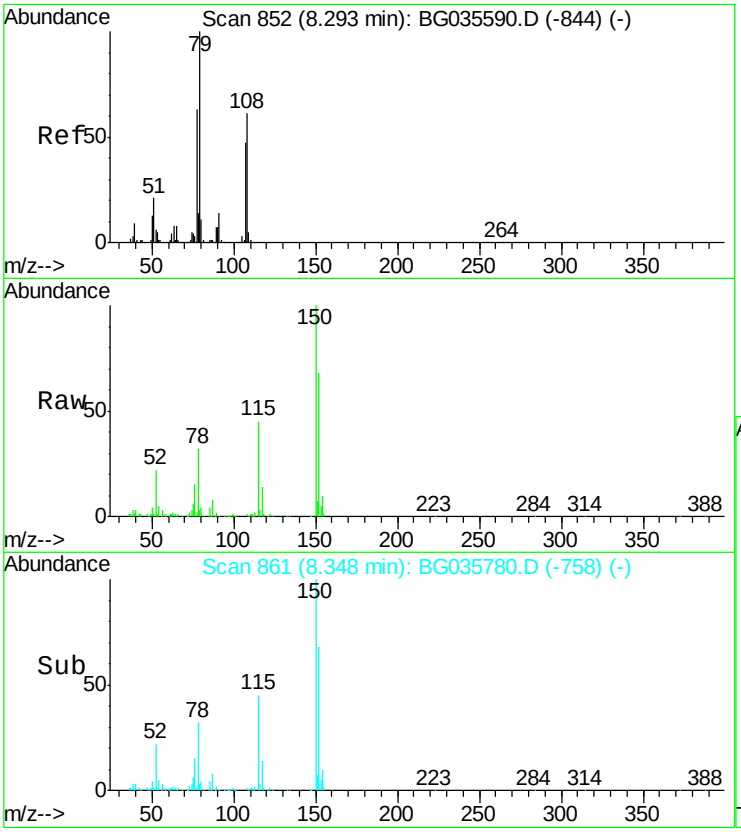


#14
1,2-Dichlorobenzene
Concen: 0.080 ng
RT: 8.36 min Scan# 863
Delta R.T. -0.03 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:146 Resp: 253

Ion	Ratio	Lower	Upper
146	100		
148	228.2	49.3	73.9#
111	468.0	34.3	51.5#



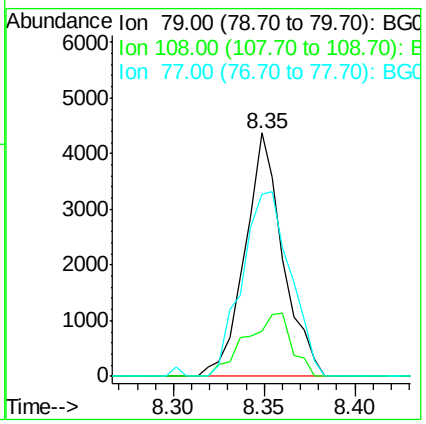


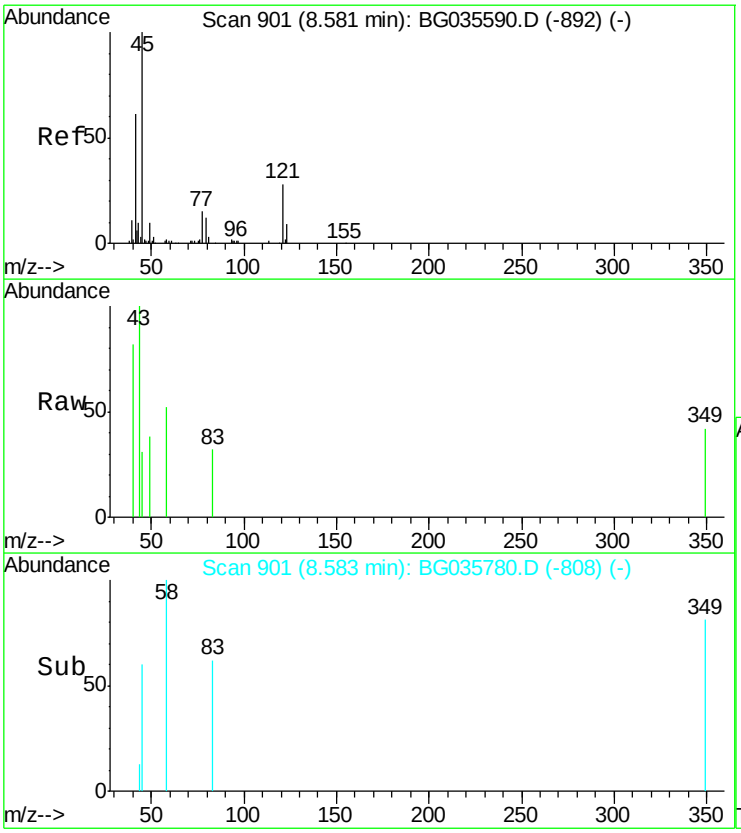
#15
Benzyl Alcohol
Concen: 1.784 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.07 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 79 Resp: 6349

Ion	Ratio	Lower	Upper
79	100		
108	18.6	57.2	85.8#
77	74.6	46.1	69.1#

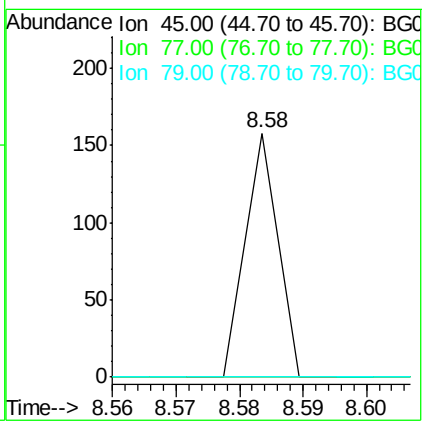


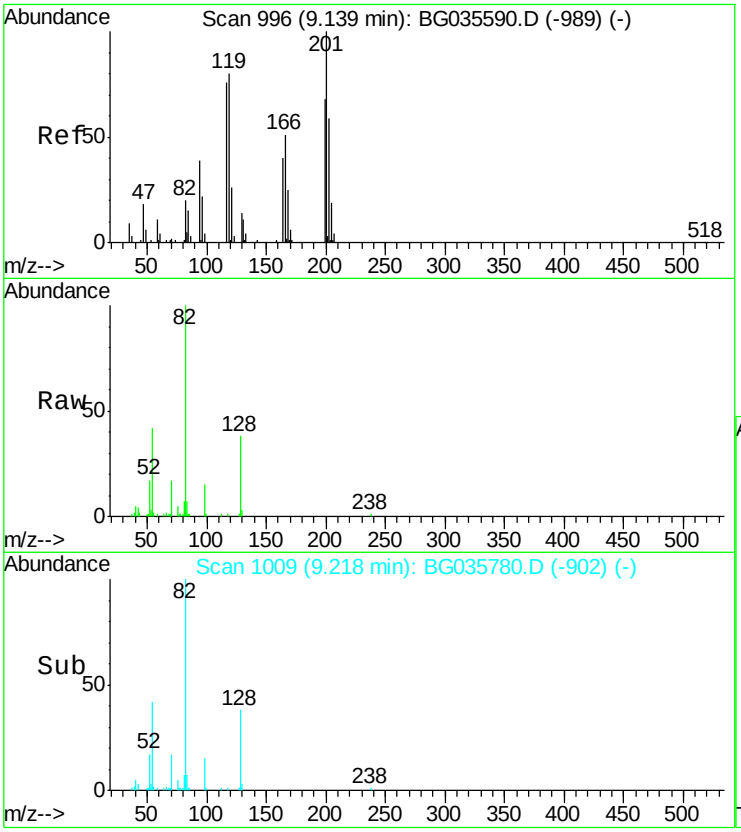


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.022 ng
RT: 8.58 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 45 Resp: 56

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



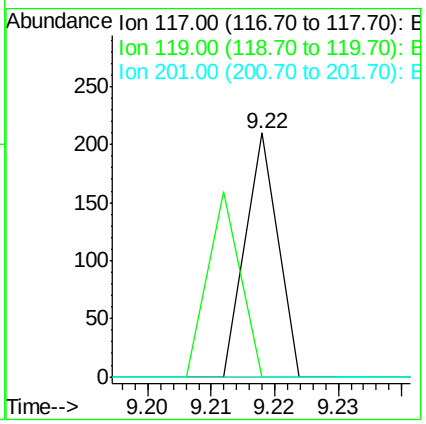


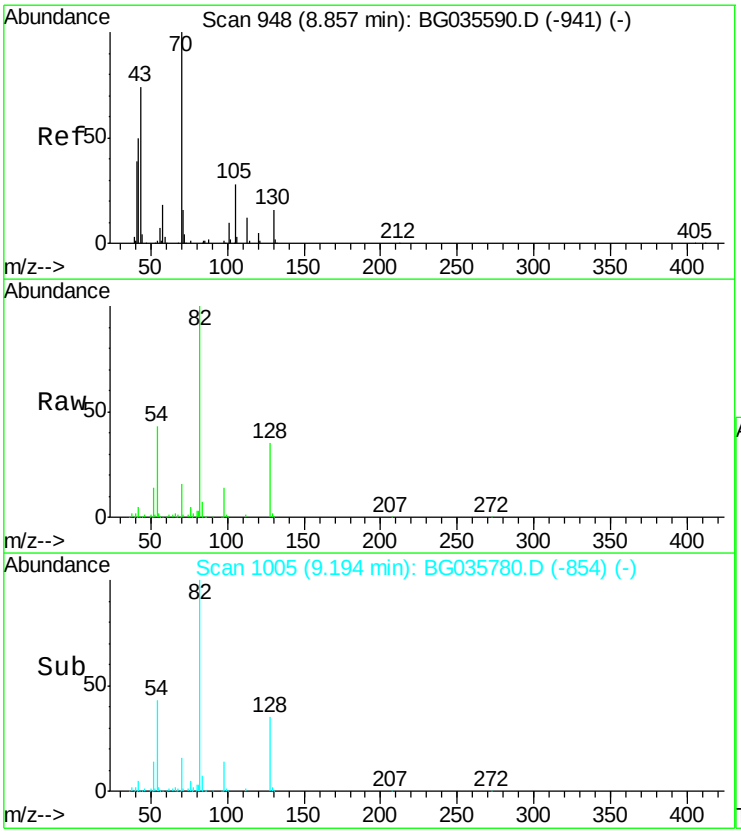
#18
Hexachloroethane
Concen: 0.059 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.10 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:117 Resp: 74

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

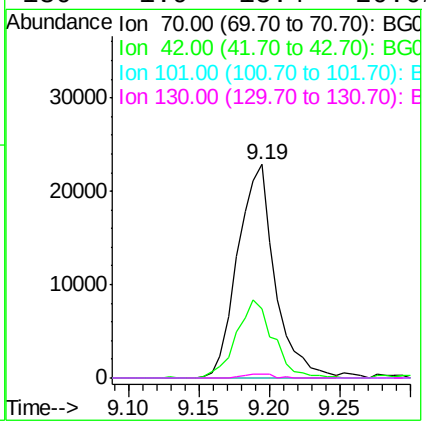


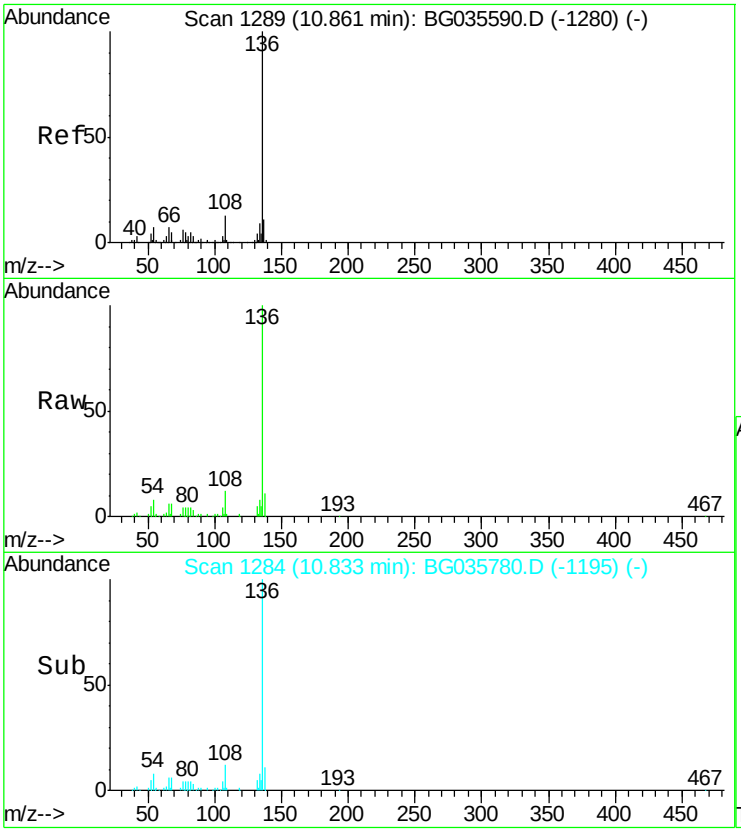


#19
n-Nitroso-di-n-propylamine
Concen: 12.767 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.35 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 70 Resp: 42131

Ion	Ratio	Lower	Upper
70	100		
42	32.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



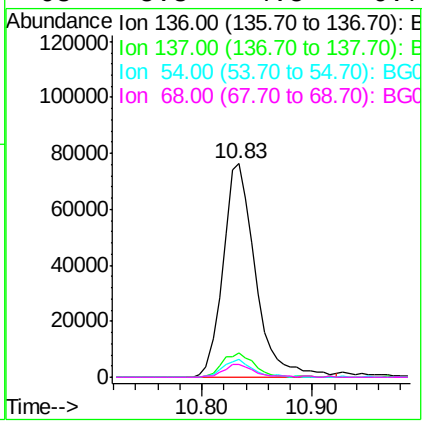


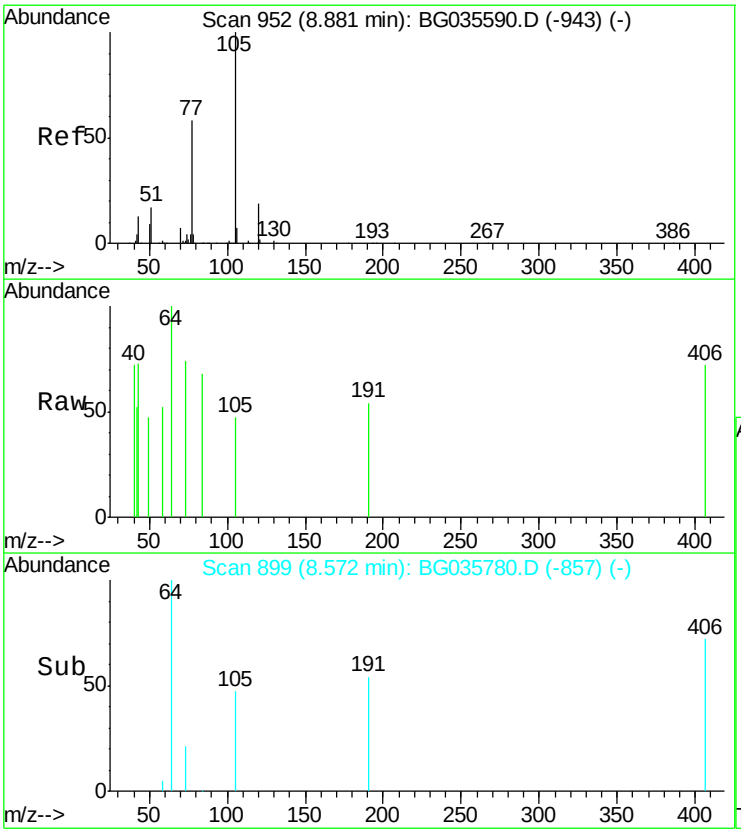
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:136 Resp: 157208

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.4	10.3	15.5#
68	5.8	4.5	6.7

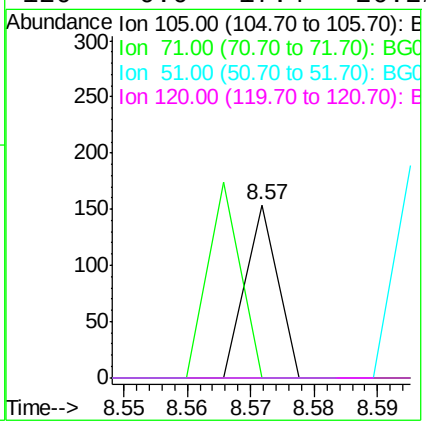


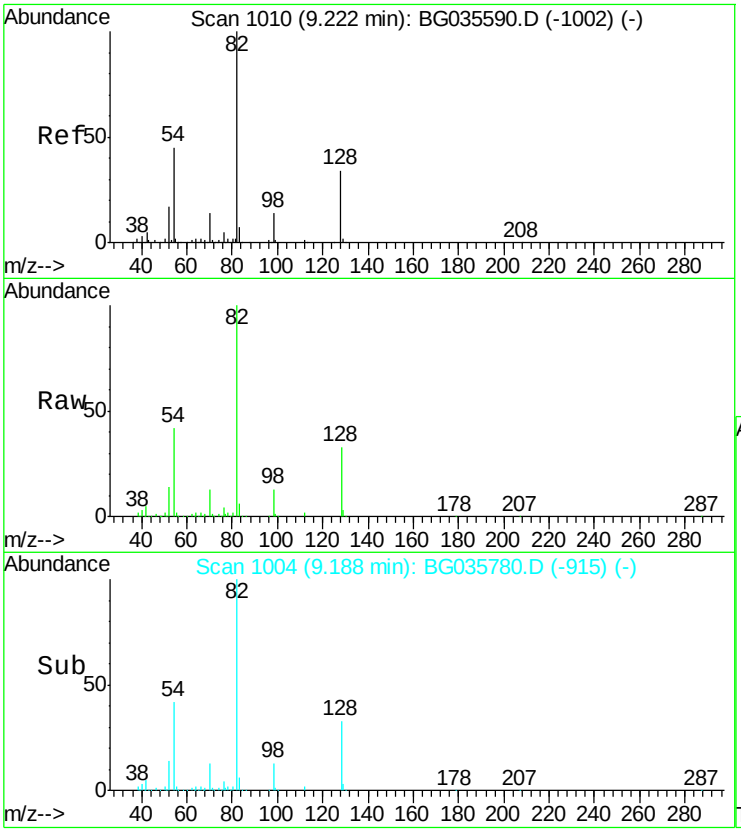


#22
Acetophenone
Concen: 0.011 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.29 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:105 Resp: 54

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#



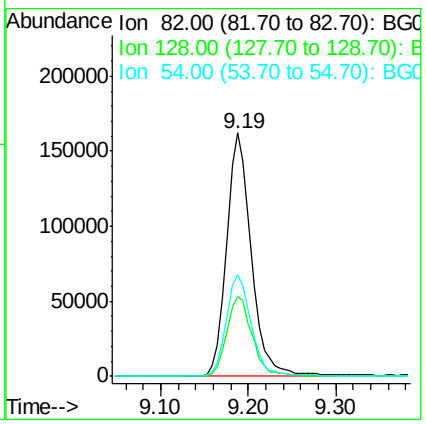


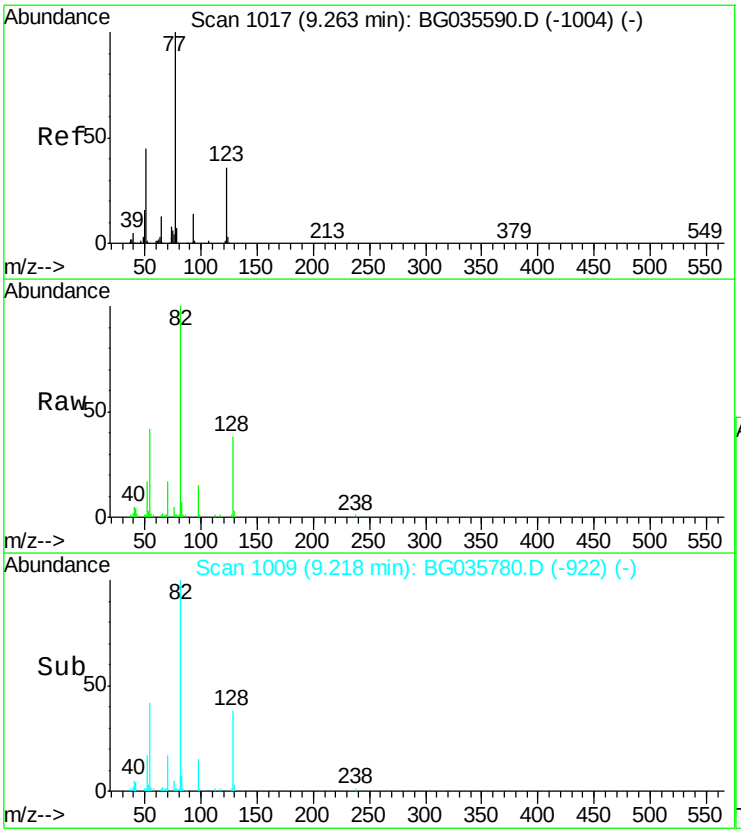
#23
Nitrobenzene-d5
Concen: 83.059 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 82 Resp: 312571

Ion	Ratio	Lower	Upper
82	100		
128	32.7	29.7	44.5
54	41.8	43.1	64.7#

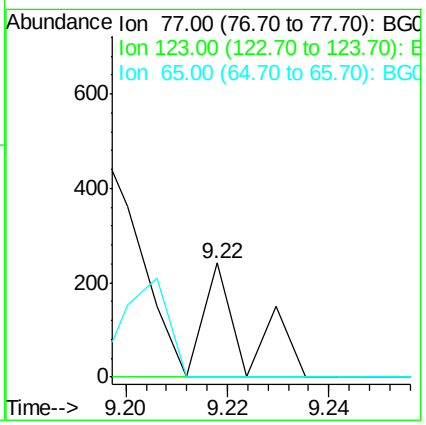


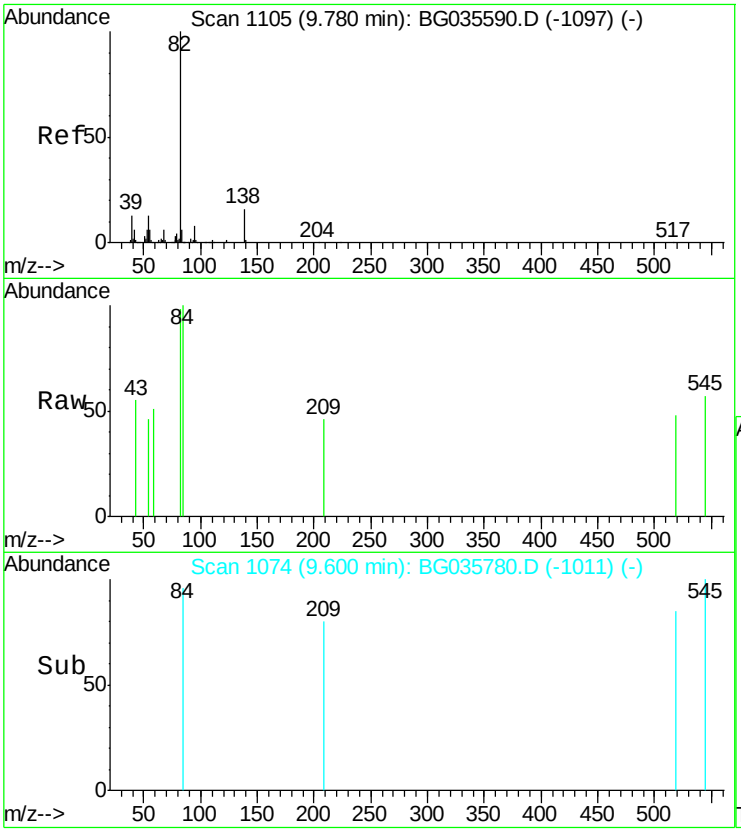


#24
Nitrobenzene
Concen: 0.036 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 77 Resp: 138

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



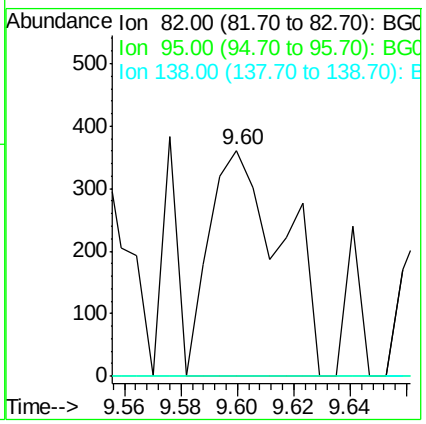


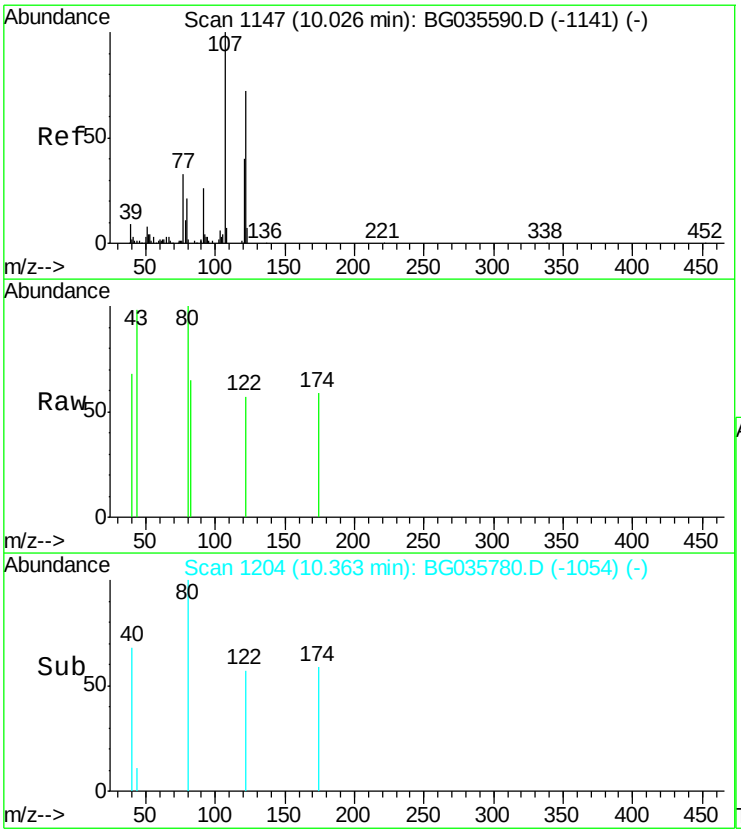
#25
Isophorone
Concen: 0.093 ng
RT: 9.60 min Scan# 1074
Delta R.T. -0.16 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 82 Resp: 650

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

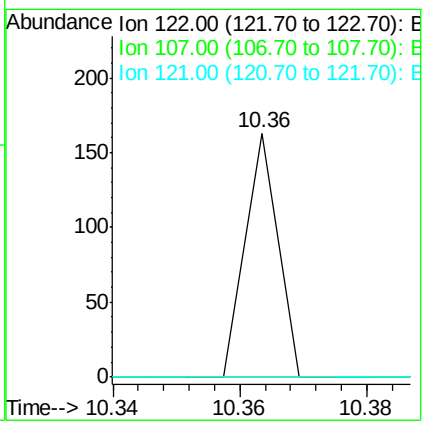


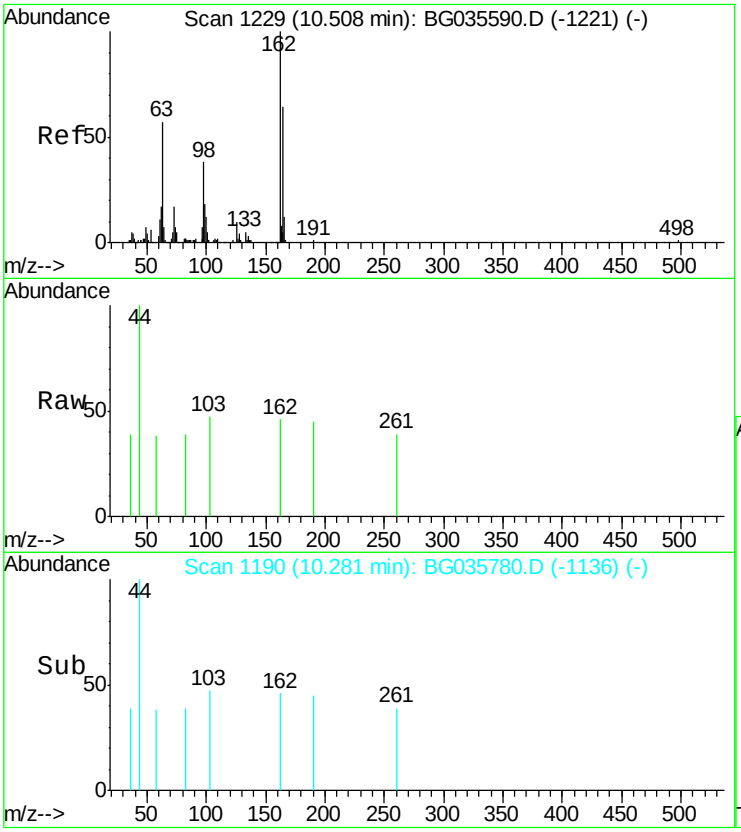


#27
2,4-Dimethylphenol
Concen: 0.025 ng
RT: 10.36 min Scan# 1204
Delta R.T. 0.35 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:122 Resp: 57

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



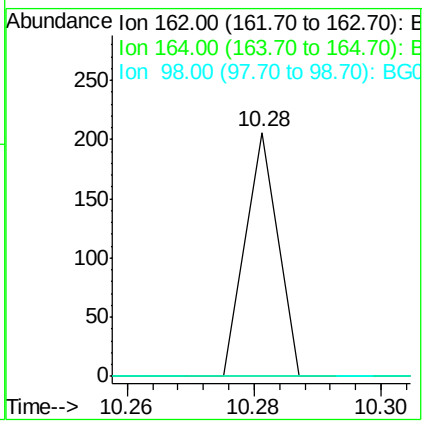


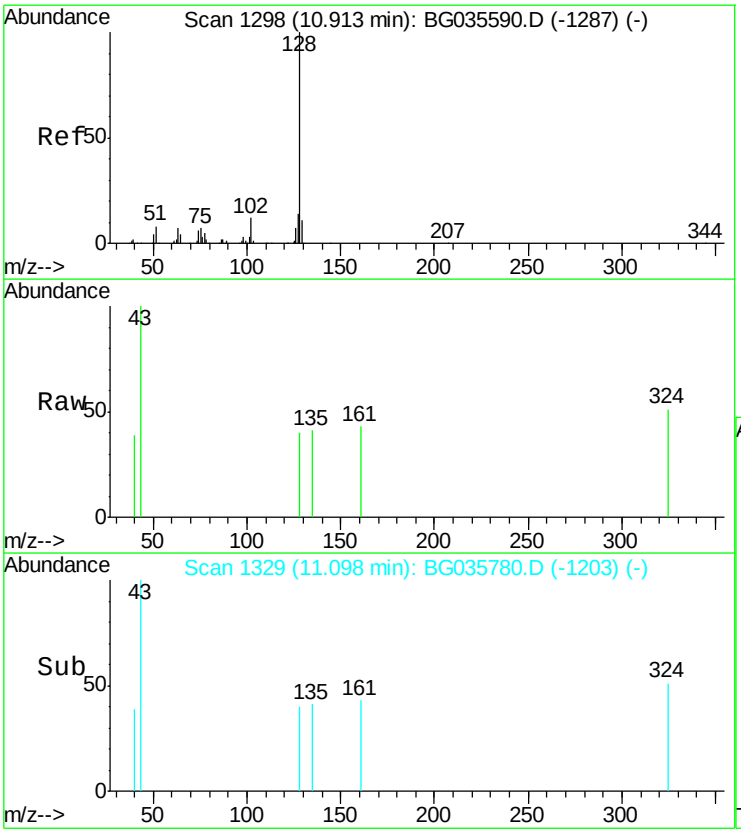
#29
2,4-Dichlorophenol
Concen: 0.028 ng
RT: 10.28 min Scan# 1190
Delta R.T. -0.21 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:162 Resp: 73

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

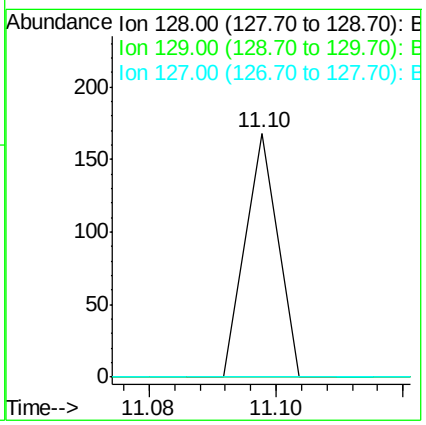


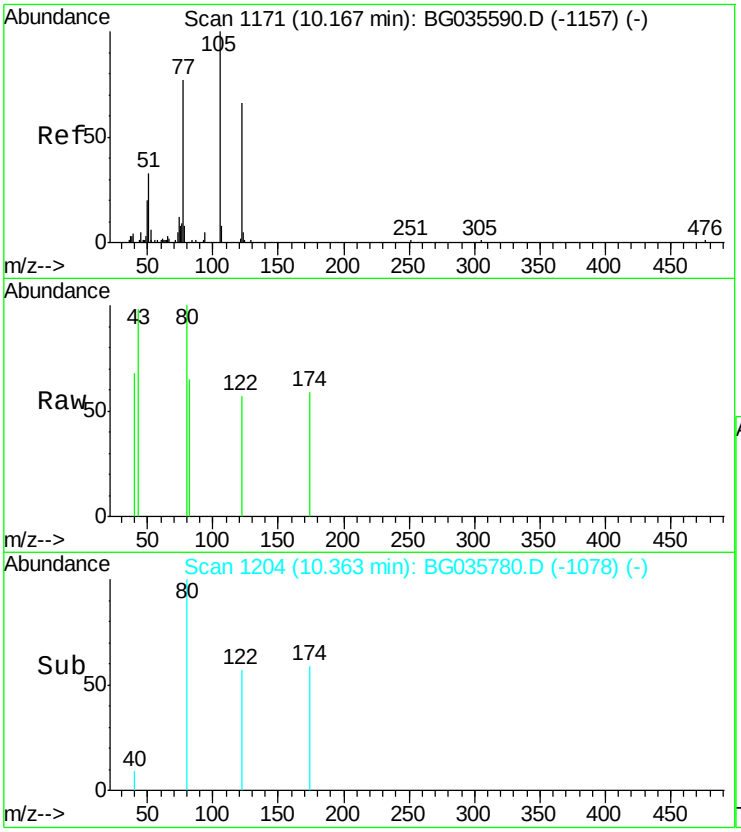


#31
Naphthalene
Concen: 0.007 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:128 Resp: 59

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



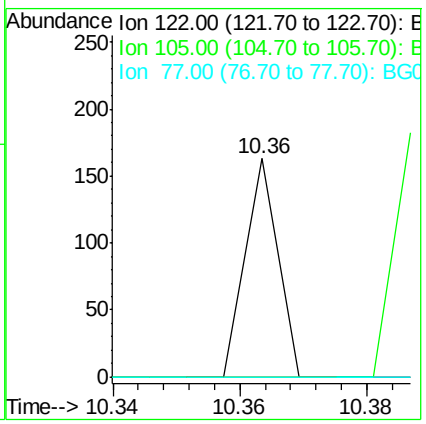


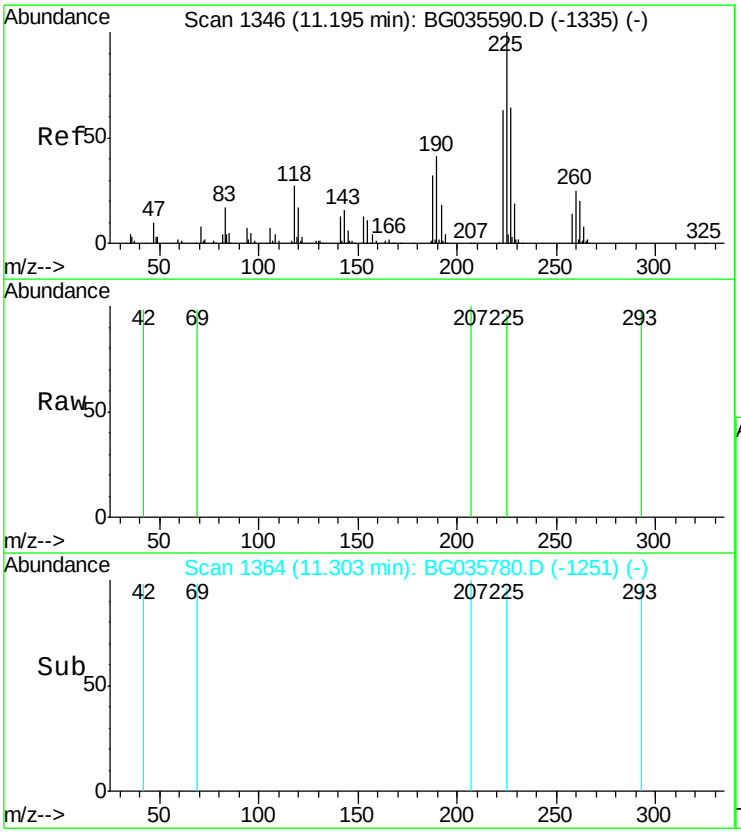
#32
Benzoic acid
Concen: 0.037 ng
RT: 10.36 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:122 Resp: 57

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

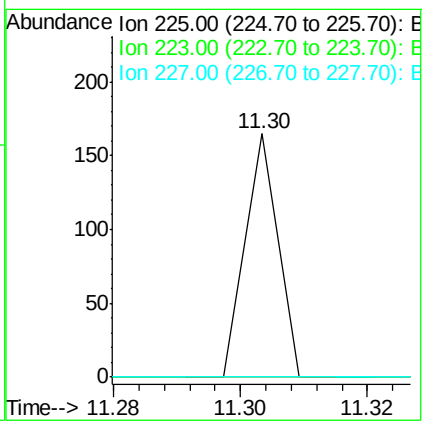


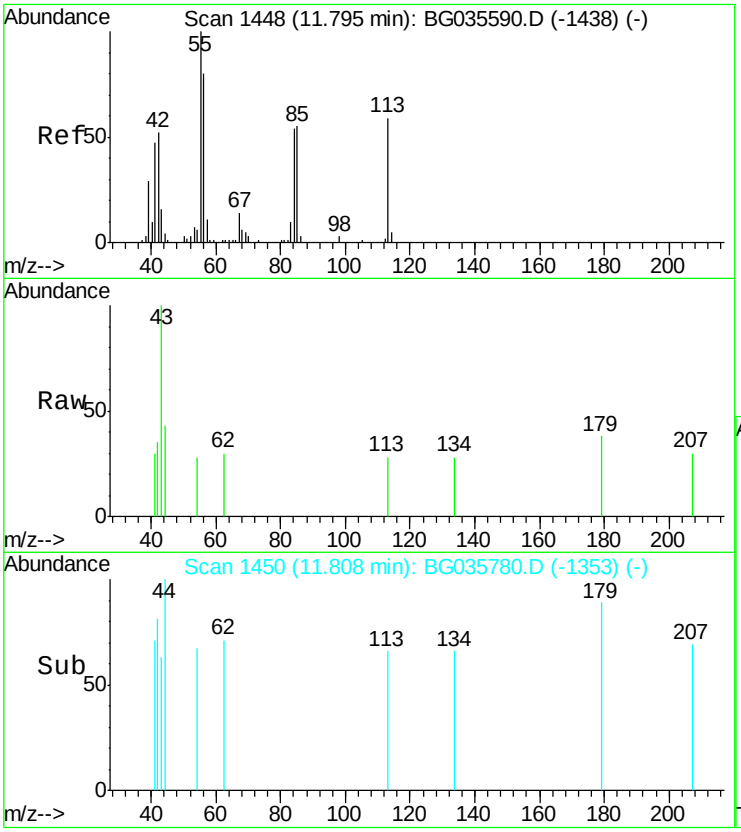


#34
Hexachlorobutadiene
Concen: 0.023 ng
RT: 11.30 min Scan# 1364
Delta R.T. 0.13 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:225 Resp: 58

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



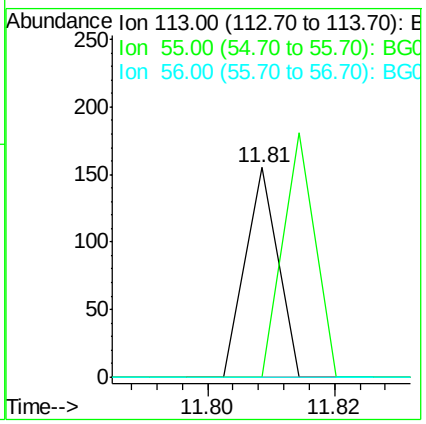


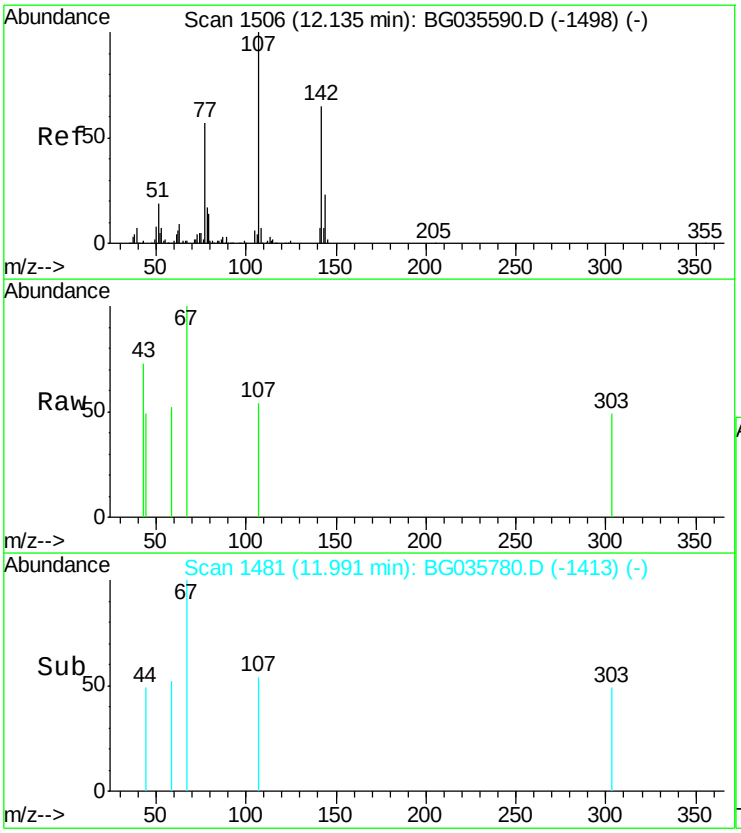
#35
Caprolactam
Concen: 0.049 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.04 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:113 Resp: 55

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

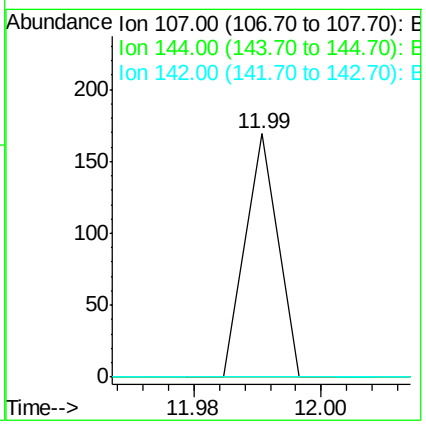


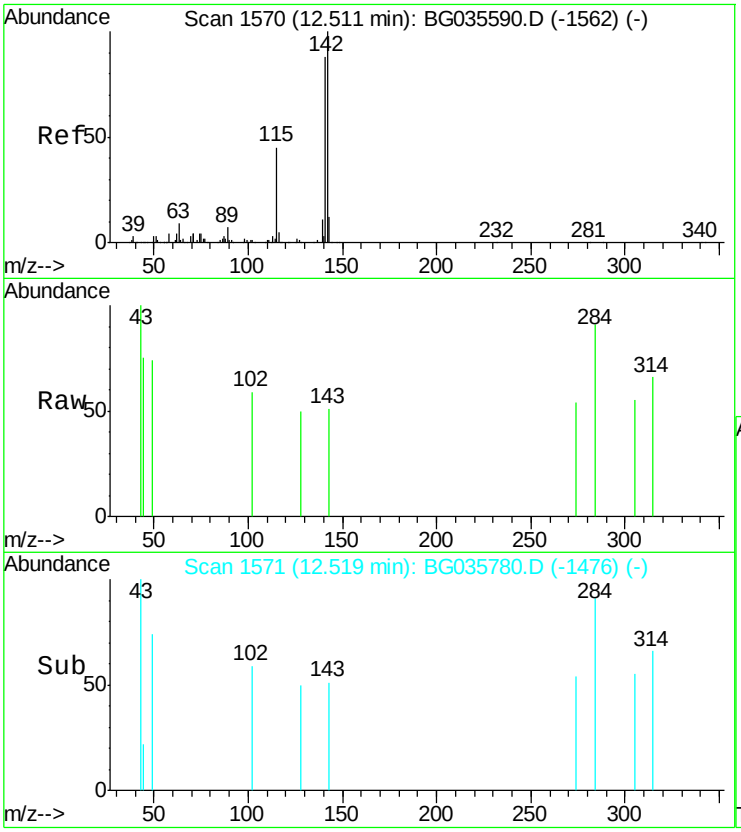


#36
4-Chloro-3-methylphenol
Concen: 0.017 ng
RT: 11.99 min Scan# 1481
Delta R.T. -0.13 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:107 Resp: 60

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



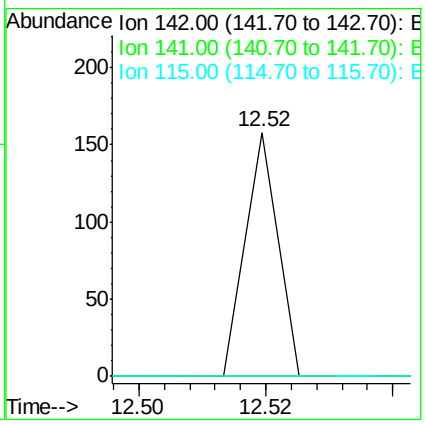


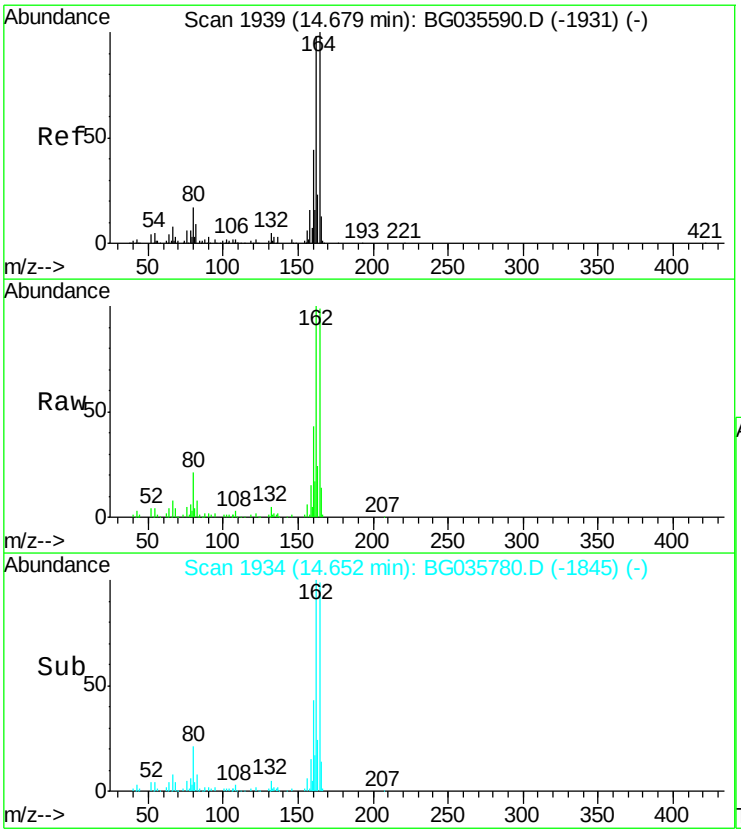
#37
2-Methylnaphthalene
Concen: 0.009 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.03 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:142 Resp: 56

Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.1	100.7#
115	0.0	30.7	46.1#

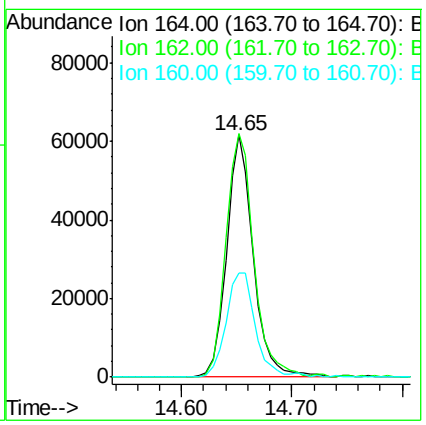


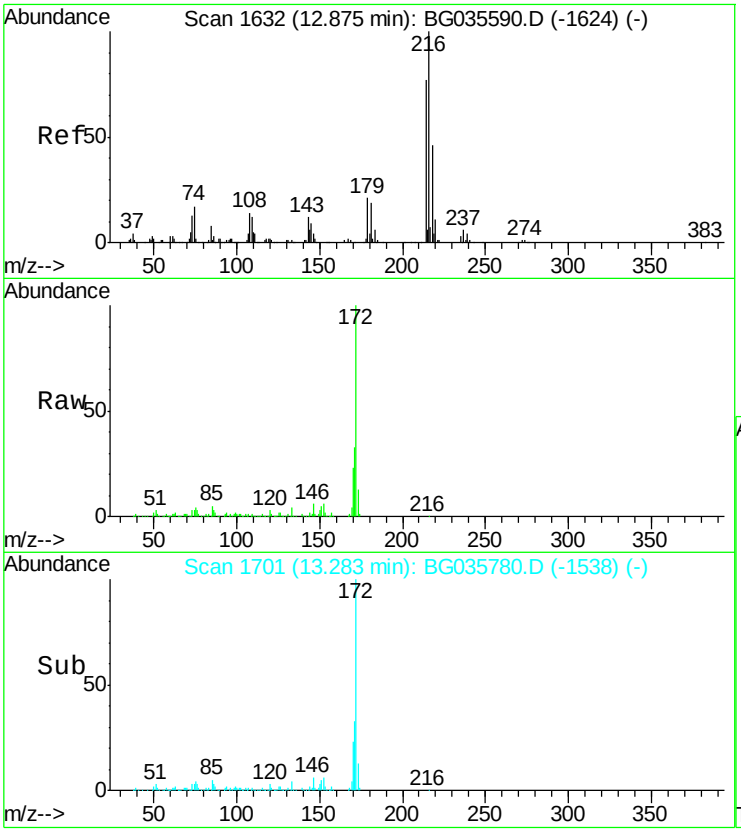


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:164 Resp: 103502

Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	42.8	35.4	53.0



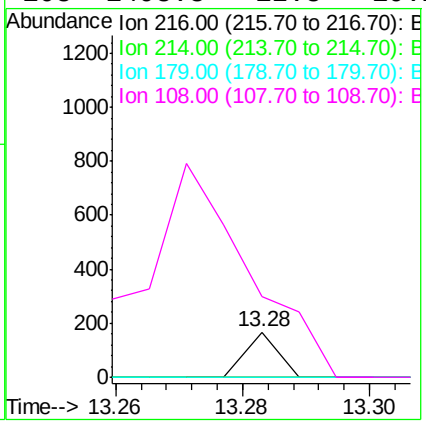


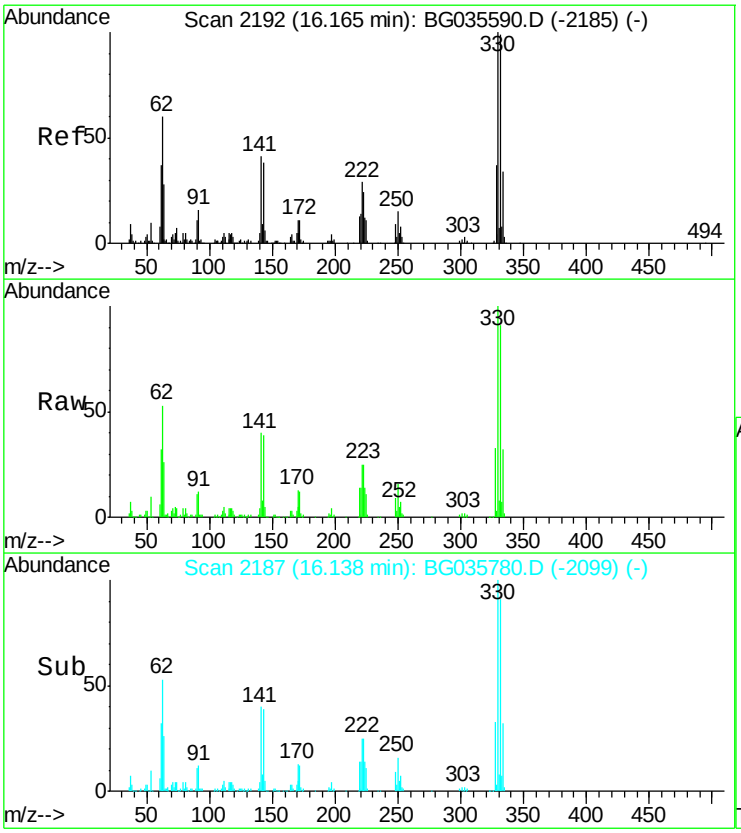
#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.015 ng
RT: 13.28 min Scan# 1701
Delta R.T. 0.43 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:216 Resp: 59

Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.0	94.4#
179	0.0	17.0	25.6#
108	1498.3	12.8	19.2#

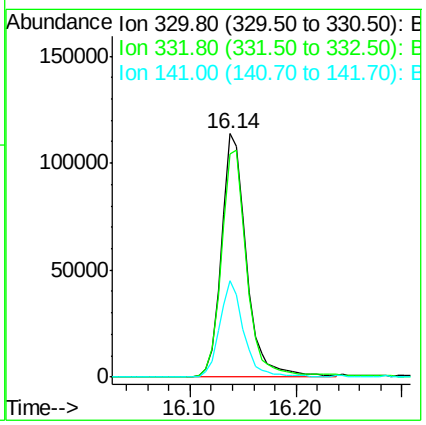


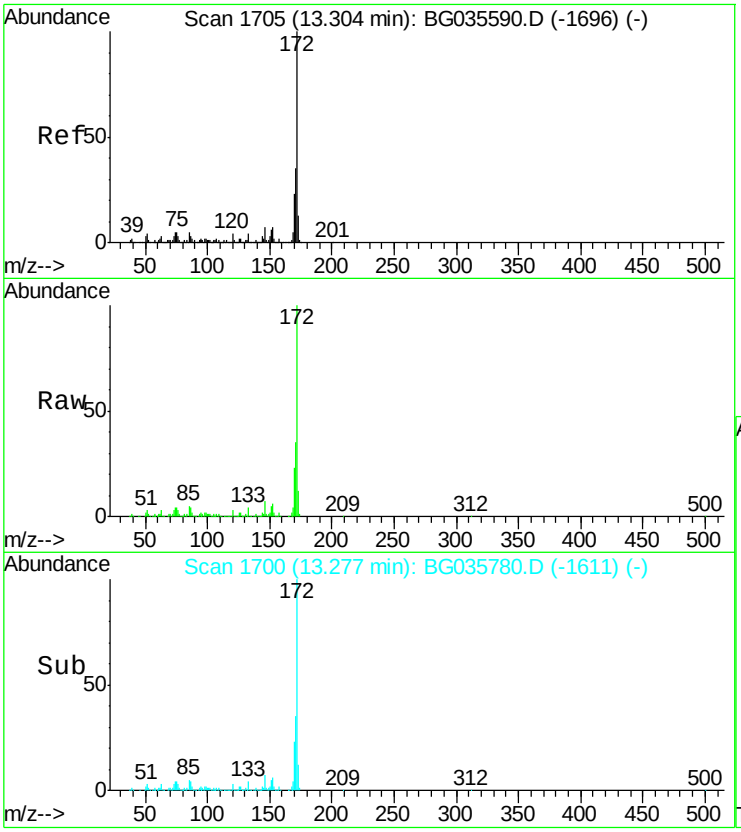


#41
2,4,6-Tribromophenol
Concen: 136.920 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:330 Resp: 186789

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	38.1	25.2	37.8#



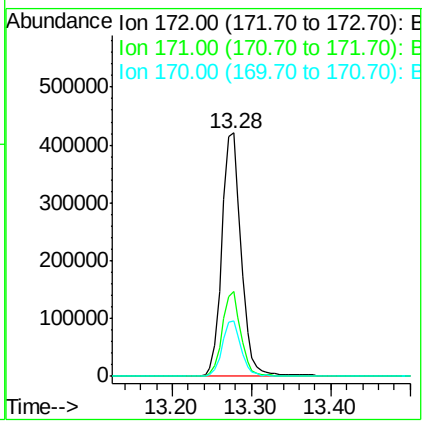


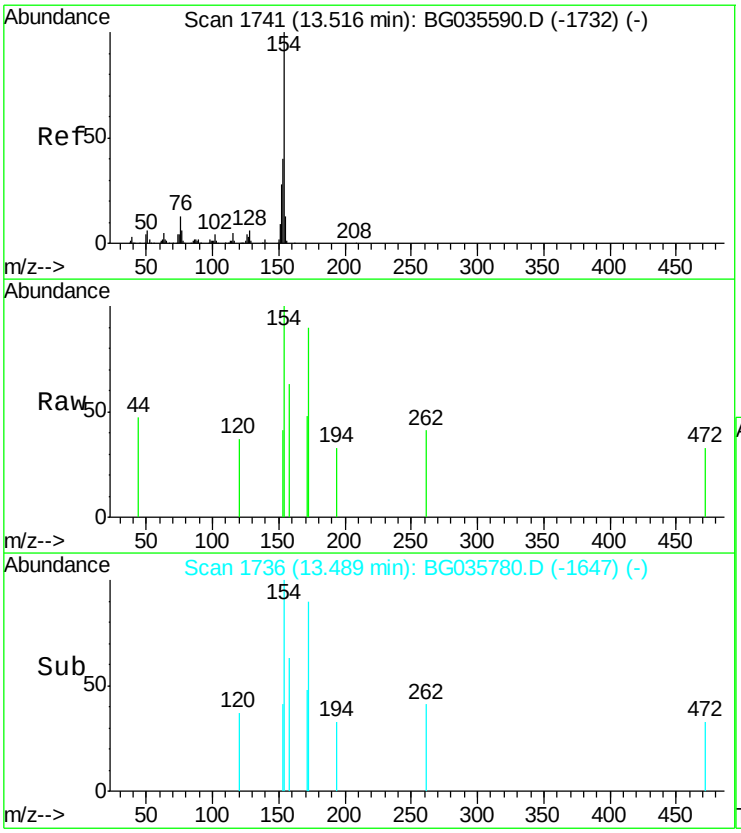
#44
2-Fluorobiphenyl
Concen: 91.983 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:172 Resp: 710620

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.9	19.5	29.3

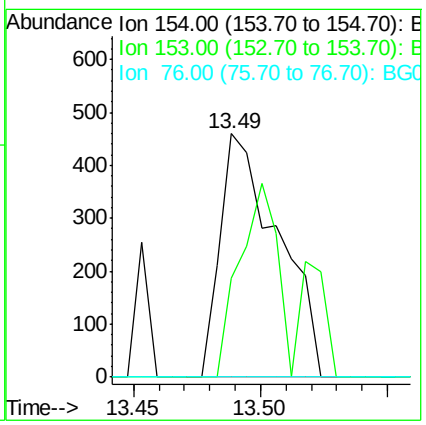


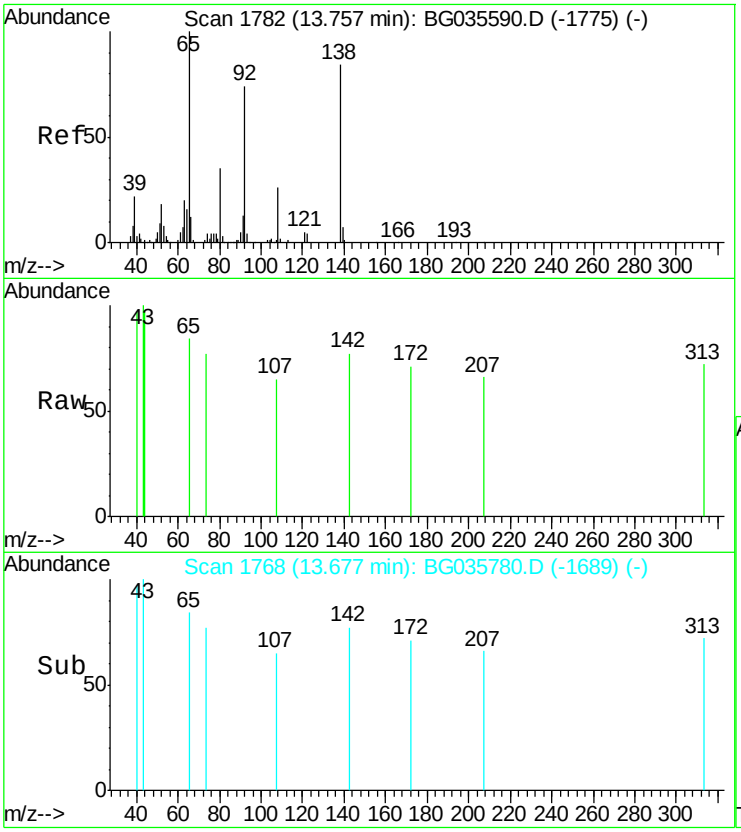


#45
1,1'-Biphenyl
Concen: 0.091 ng
RT: 13.49 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:154 Resp: 732

Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.8	59.8
76	0.0	0.0	31.9



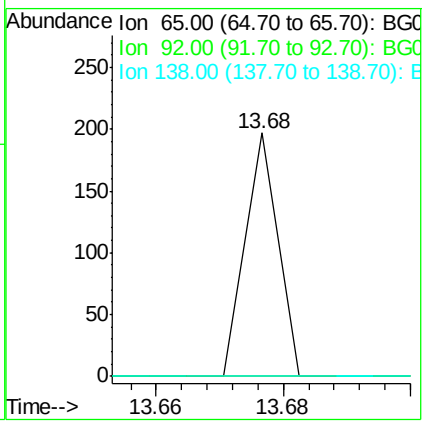


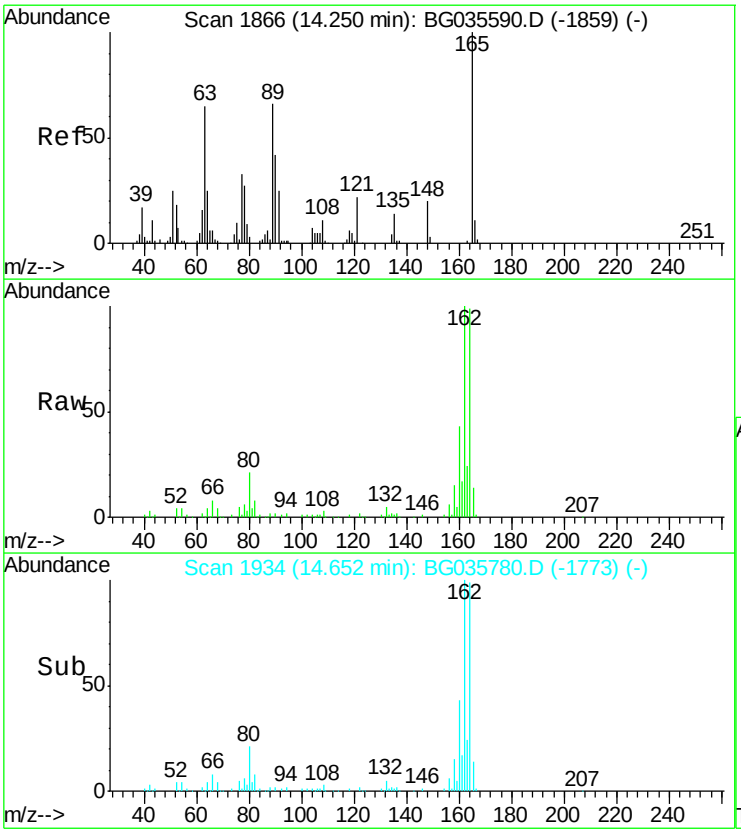
#47
2-Nitroaniline
Concen: 0.031 ng
RT: 13.68 min Scan# 1768
Delta R.T. -0.07 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion: 65 Resp: 69

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

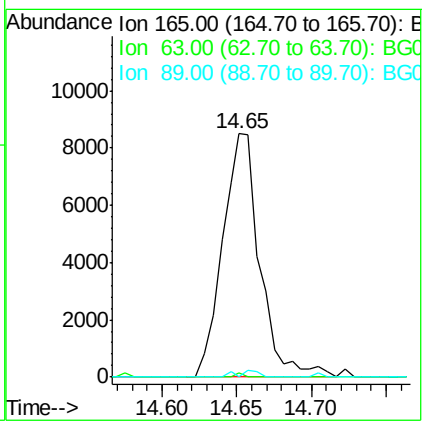


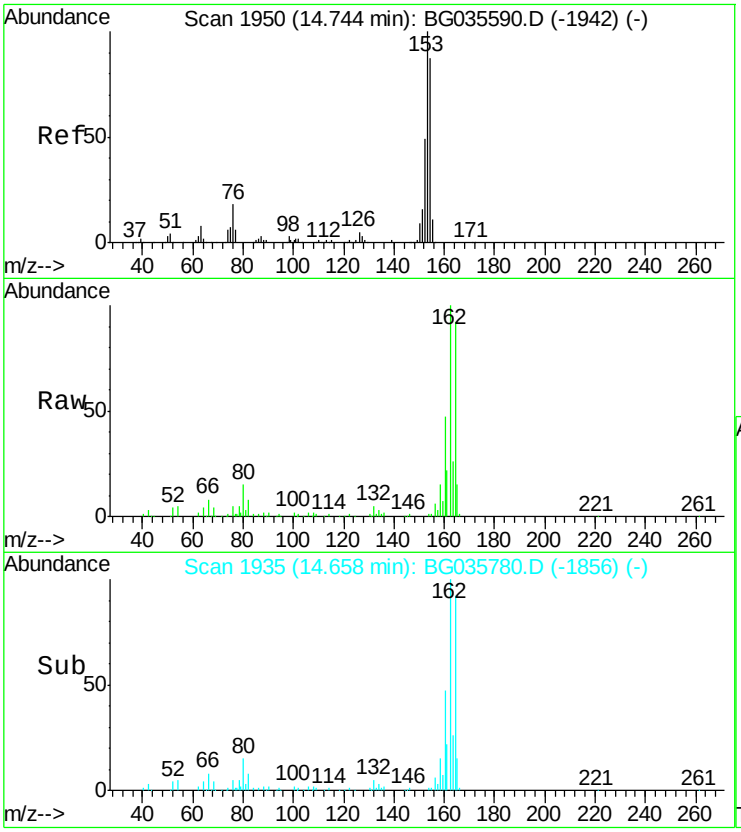


#50
2,6-Dinitrotoluene
Concen: 7.988 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:165 Resp: 14751

Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	0.0	49.2	73.8#



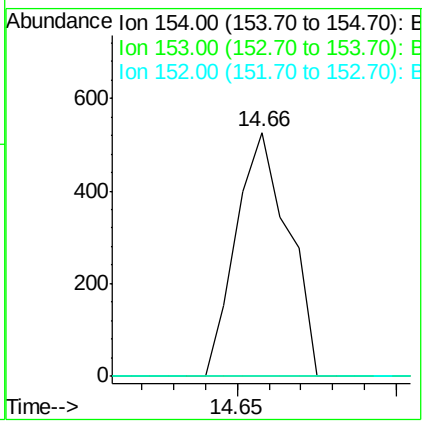


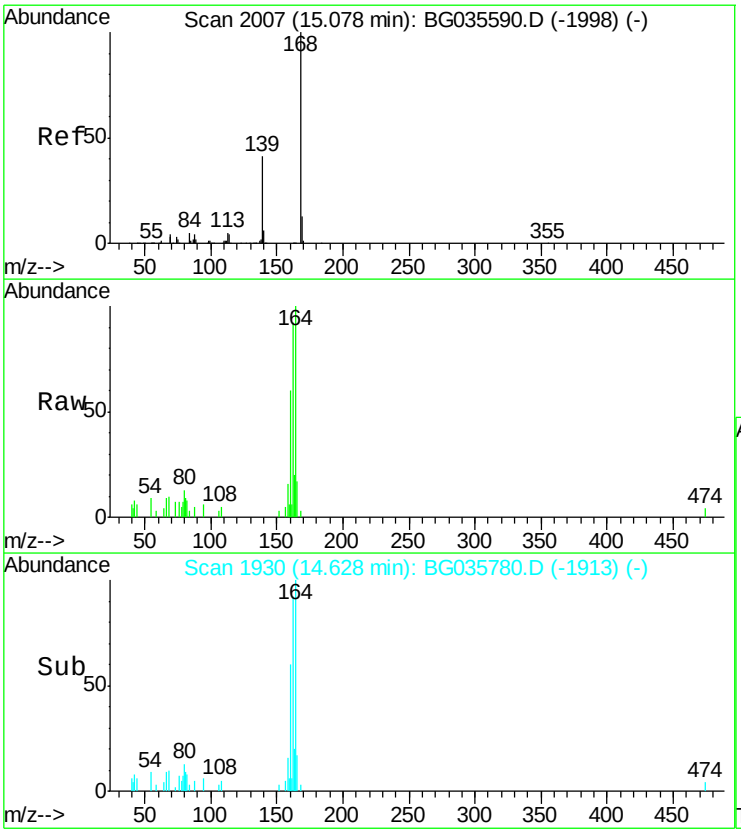
#51
Acenaphthene
Concen: 0.092 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.07 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:154 Resp: 598

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

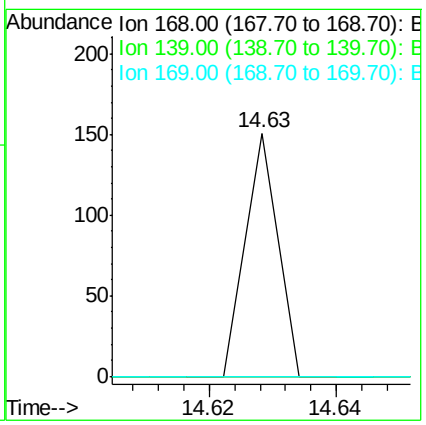


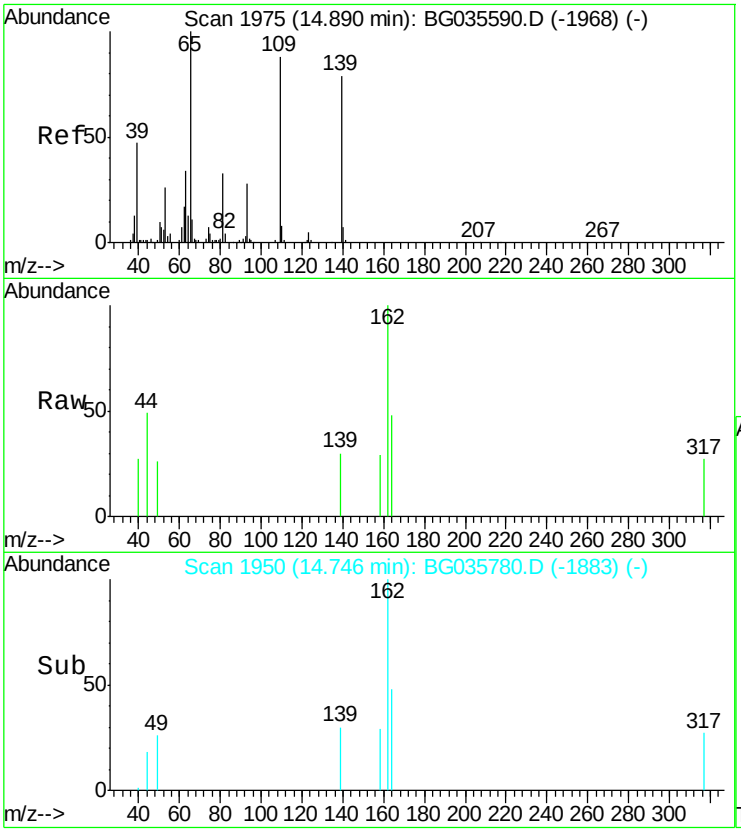


#54
Dibenzofuran
Concen: 0.005 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.43 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:168 Resp: 53

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



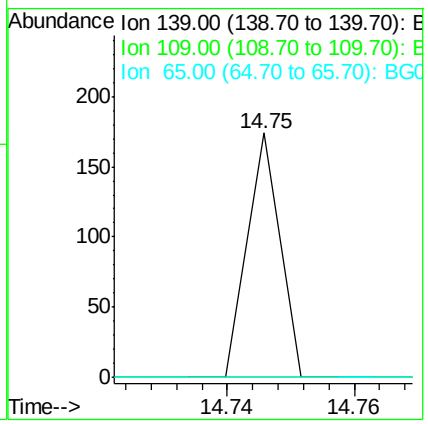


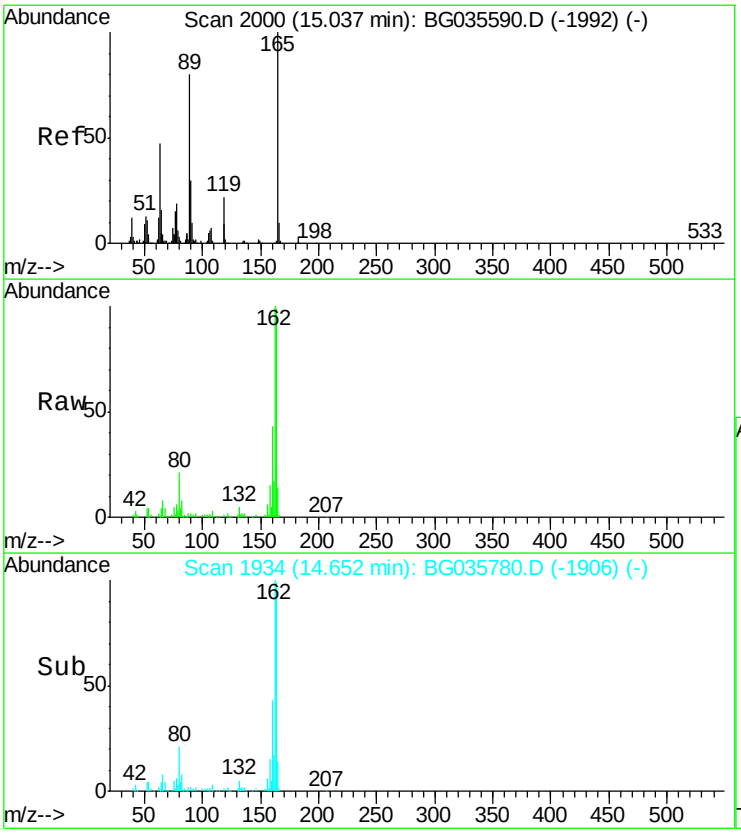
#55
4-Nitrophenol
Concen: 0.045 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.14 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:139 Resp: 61

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

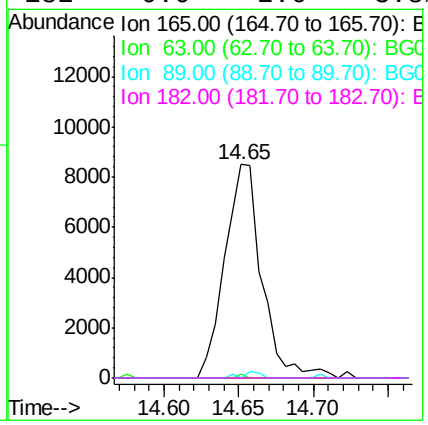


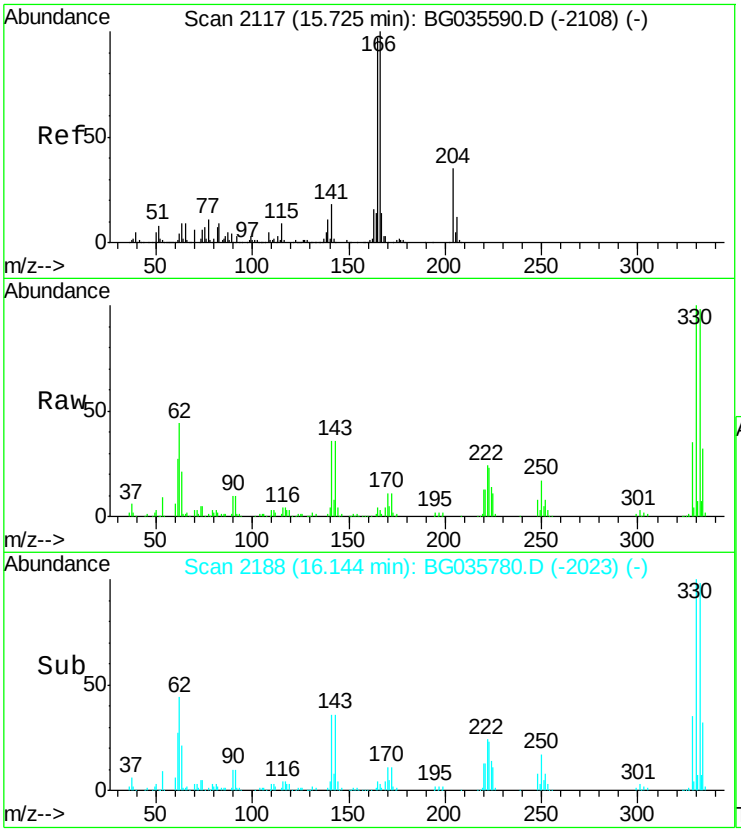


#56
2,4-Dinitrotoluene
Concen: 5.568 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:165 Resp: 14751

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



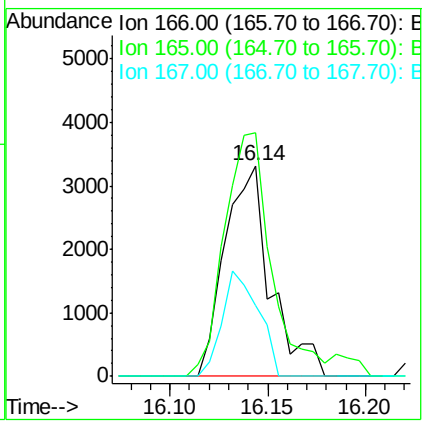


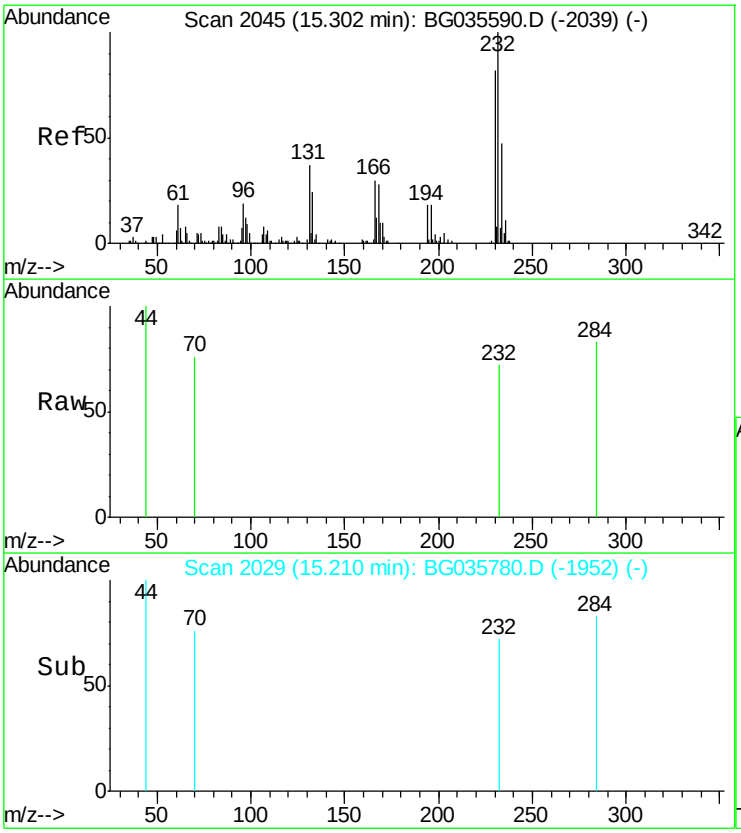
#57
Fluorene
Concen: 0.620 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.44 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:166 Resp: 5387

Ion	Ratio	Lower	Upper
166	100		
165	115.8	80.6	121.0
167	33.9	10.4	15.6#

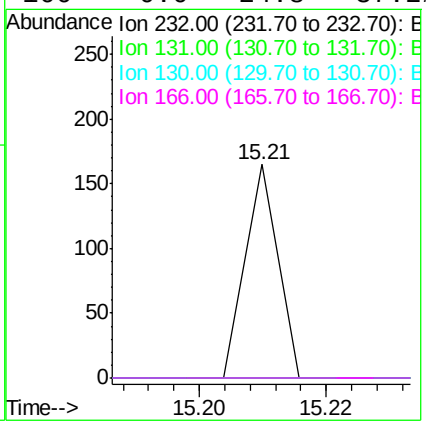


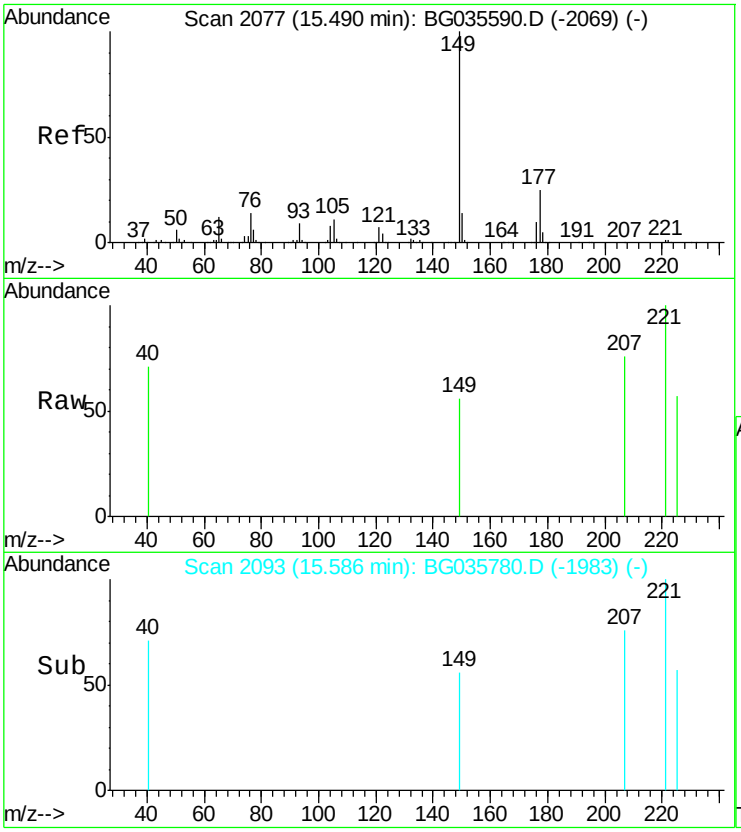


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.024 ng
RT: 15.21 min Scan# 2029
Delta R.T. -0.08 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:232 Resp: 58

Ion	Ratio	Lower	Upper
232	100		
131	0.0	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#



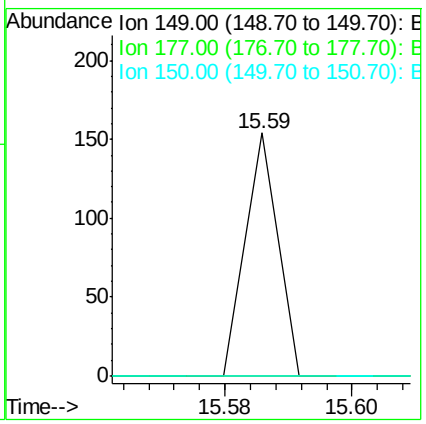


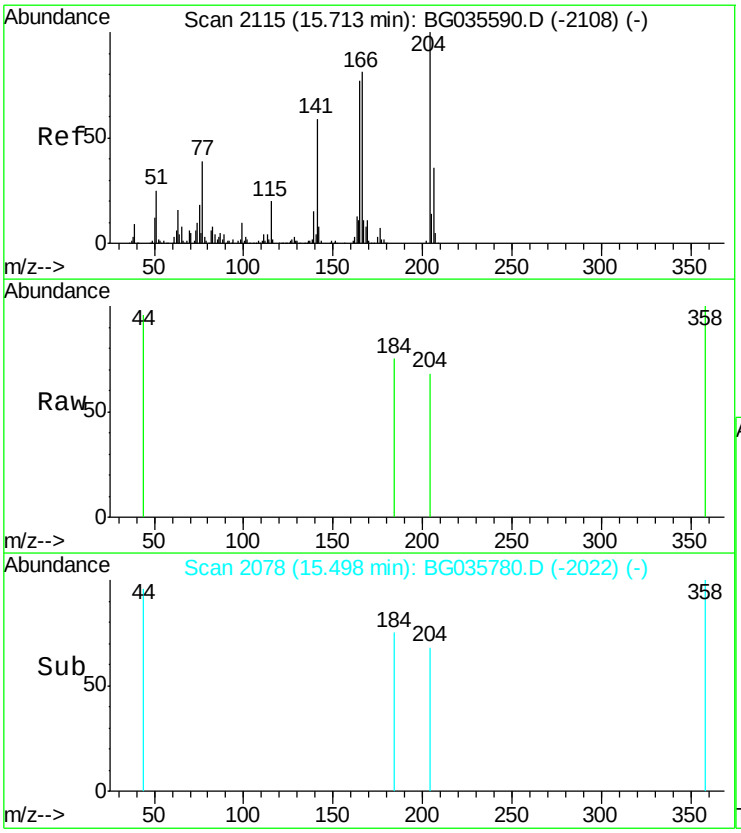
#59
Diethylphthalate
Concen: 0.006 ng
RT: 15.59 min Scan# 2093
Delta R.T. 0.11 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:149 Resp: 54

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

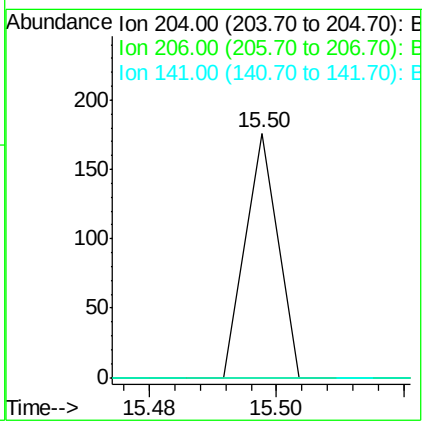


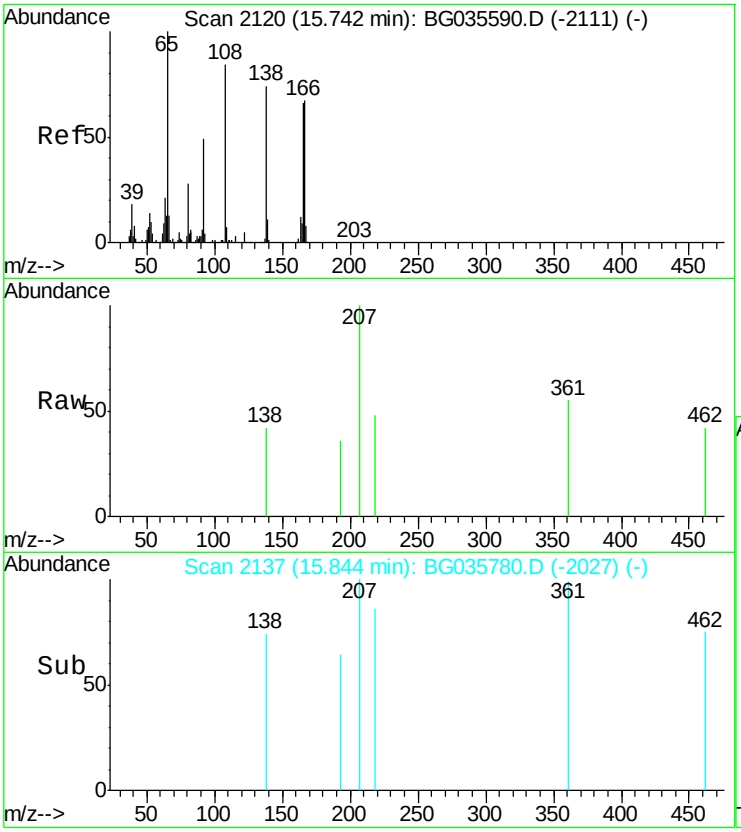


#60
4-Chlorophenyl-phenylether
Concen: 0.012 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.20 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:204 Resp: 62

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



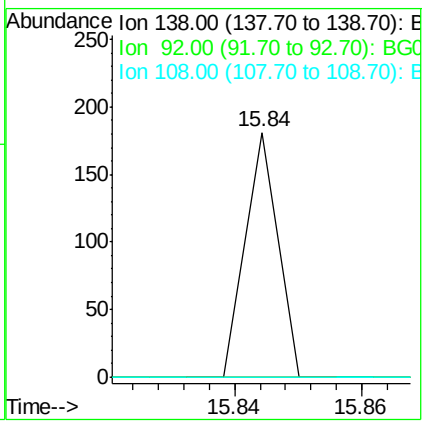


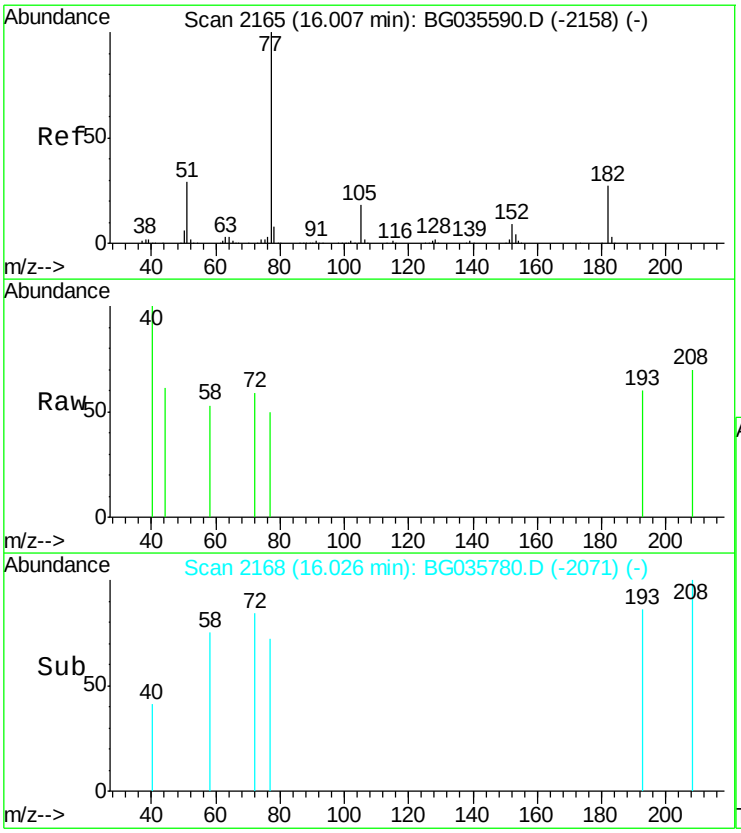
#61
4-Nitroaniline
Concen: 0.032 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.11 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:138 Resp: 64

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#

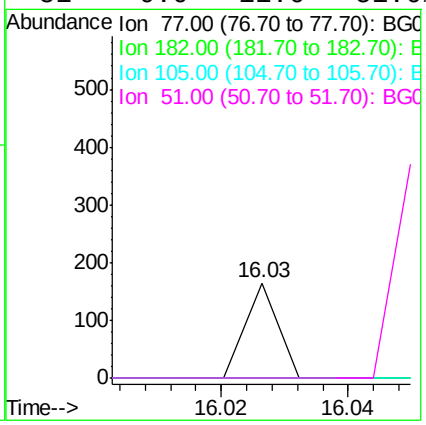


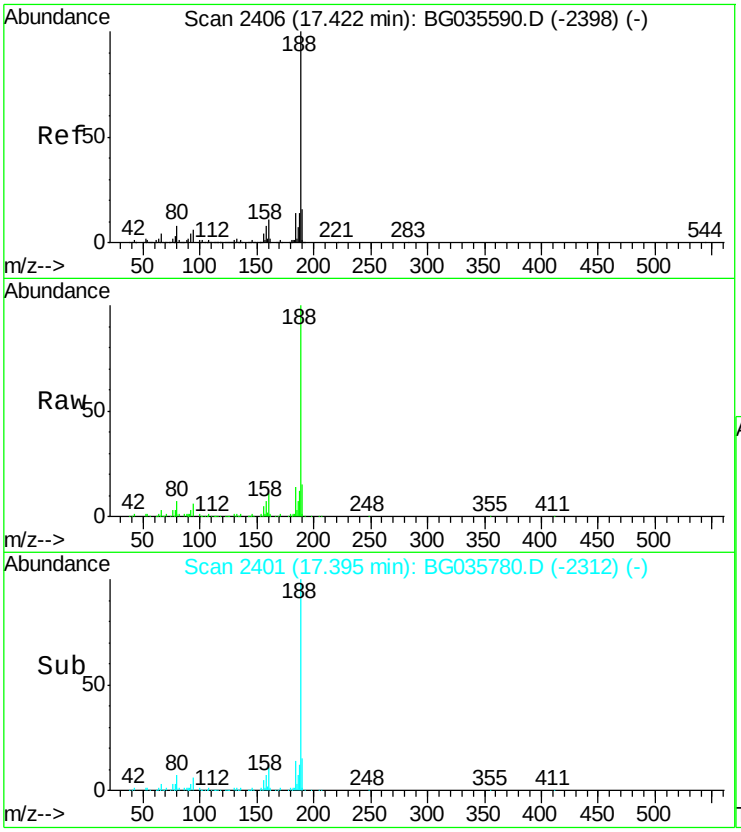


#62
Azobenzene
Concen: 0.006 ng
RT: 16.03 min Scan# 2168
Delta R.T. 0.04 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion: 77 Resp: 58

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



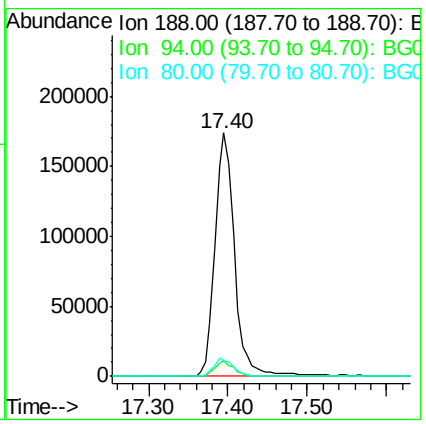


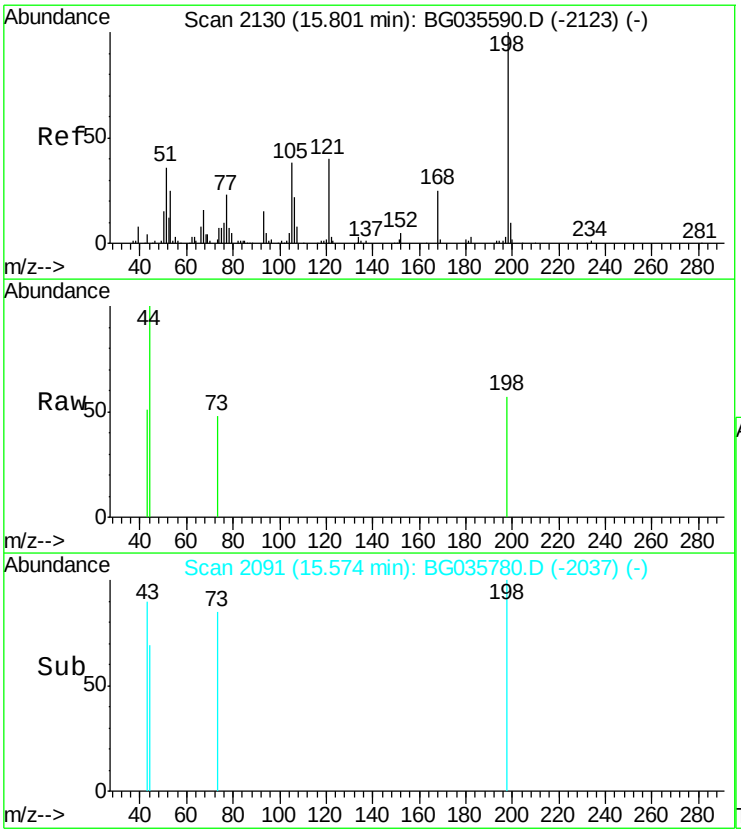
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:188 Resp: 297910

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	6.5	7.7	11.5#

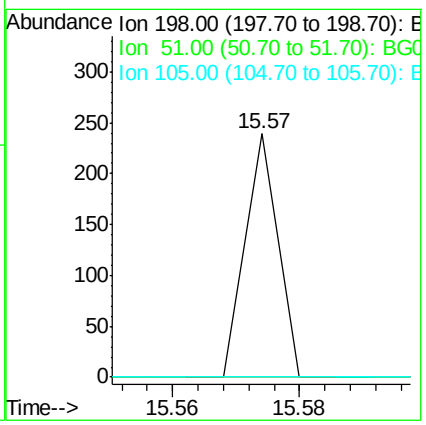


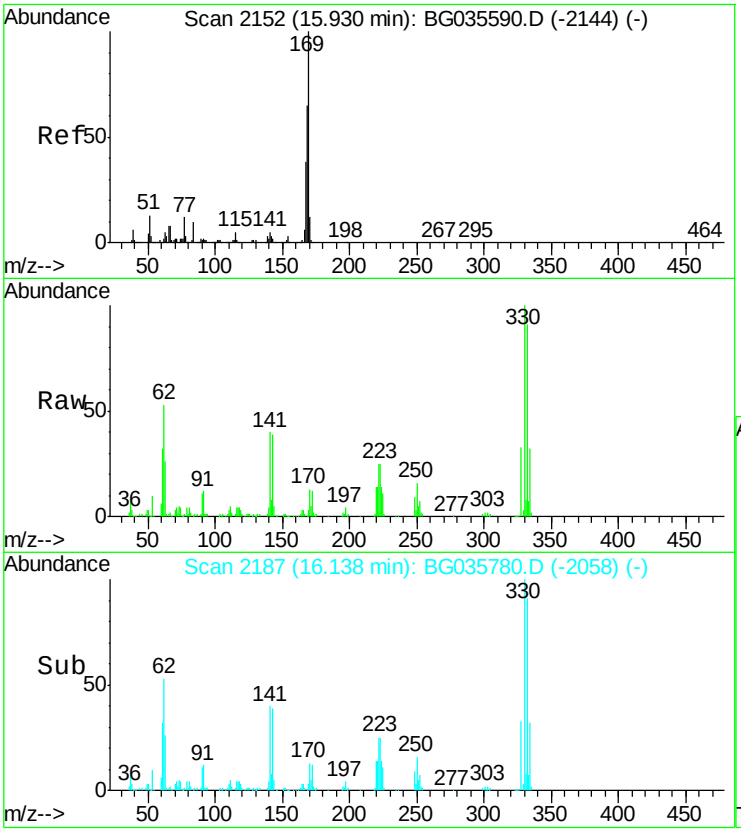


#64
4,6-Dinitro-2-methylphenol
Concen: 0.051 ng
RT: 15.57 min Scan# 2091
Delta R.T. -0.21 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:198 Resp: 84

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



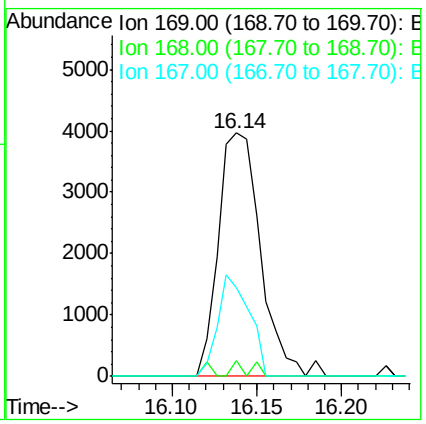


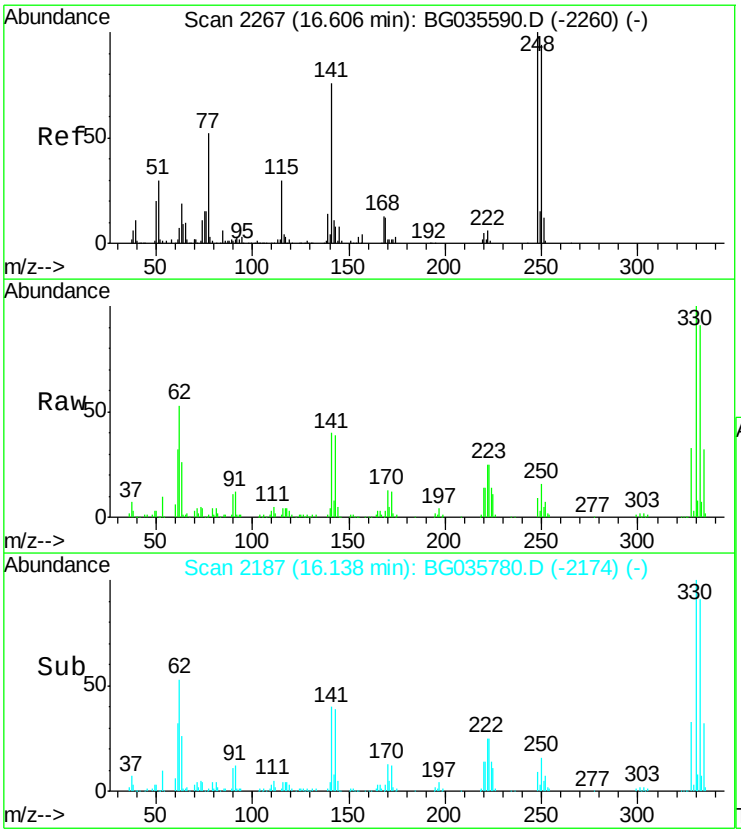
#65
n-Nitrosodiphenylamine
Concen: 0.813 ng
RT: 16.14 min Scan# 2187
Delta R.T. 0.23 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:169 Resp: 6890

Ion	Ratio	Lower	Upper
169	100		
168	6.4	55.7	83.5#
167	36.4	30.1	45.1

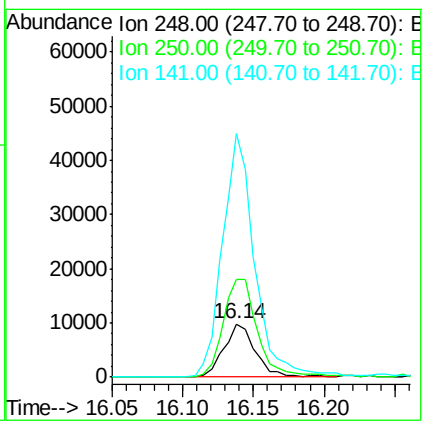


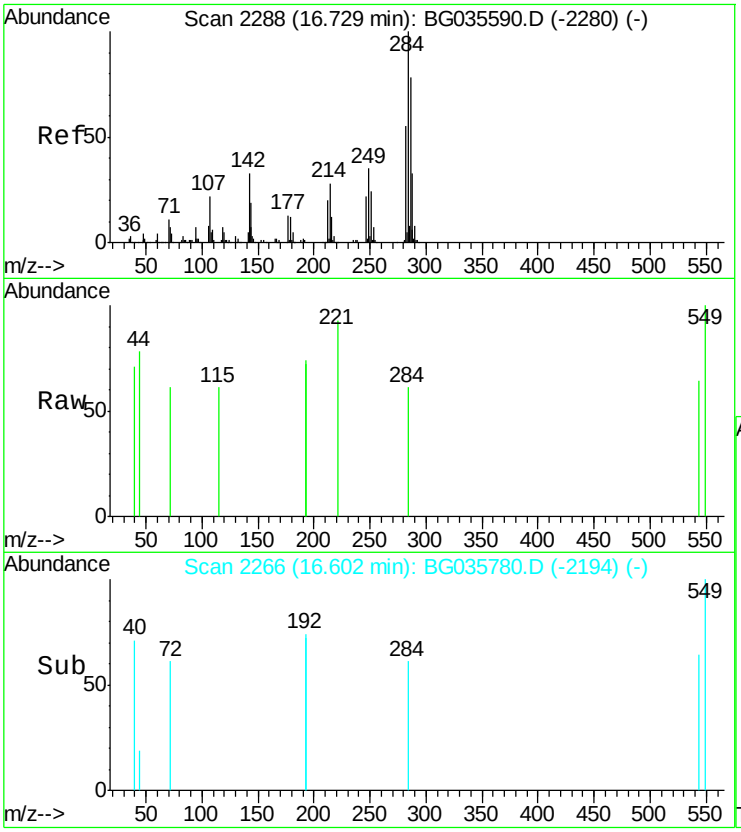


#66
4-Bromophenyl-phenylether
Concen: 4.411 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.46 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:248 Resp: 15245

Ion	Ratio	Lower	Upper
248	100		
250	183.6	77.1	115.7#
141	456.9	50.8	76.2#



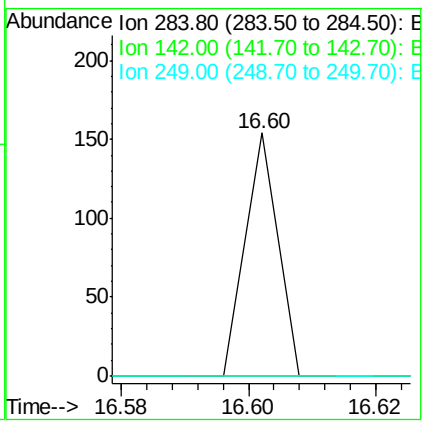


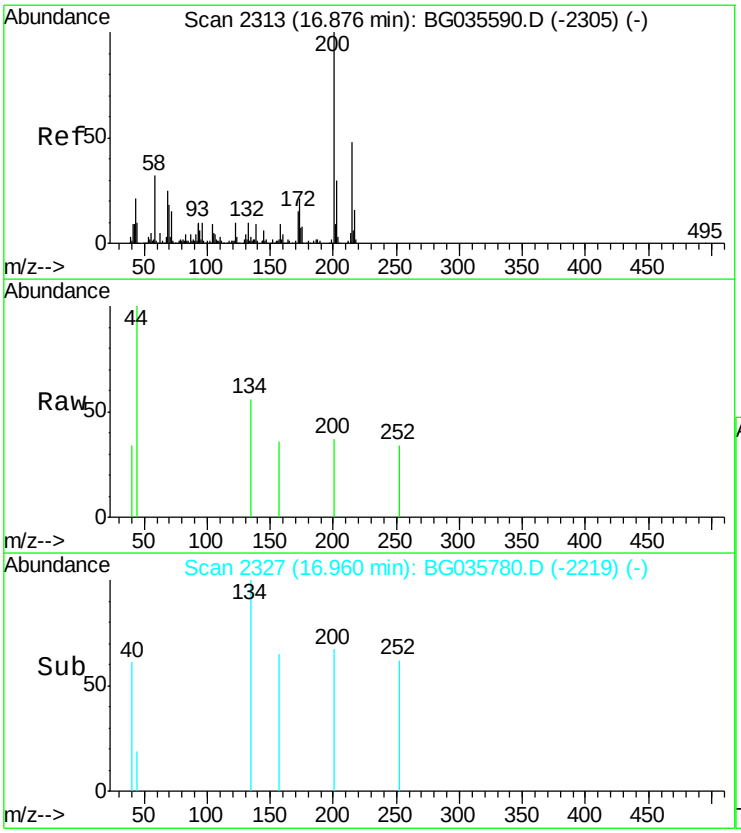
#67
Hexachlorobenzene
Concen: 0.015 ng
RT: 16.60 min Scan# 2266
Delta R.T. -0.11 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:284 Resp: 54

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

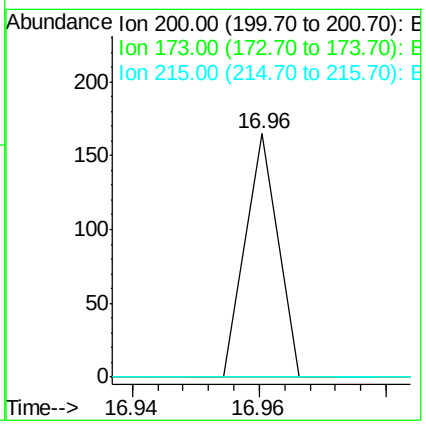


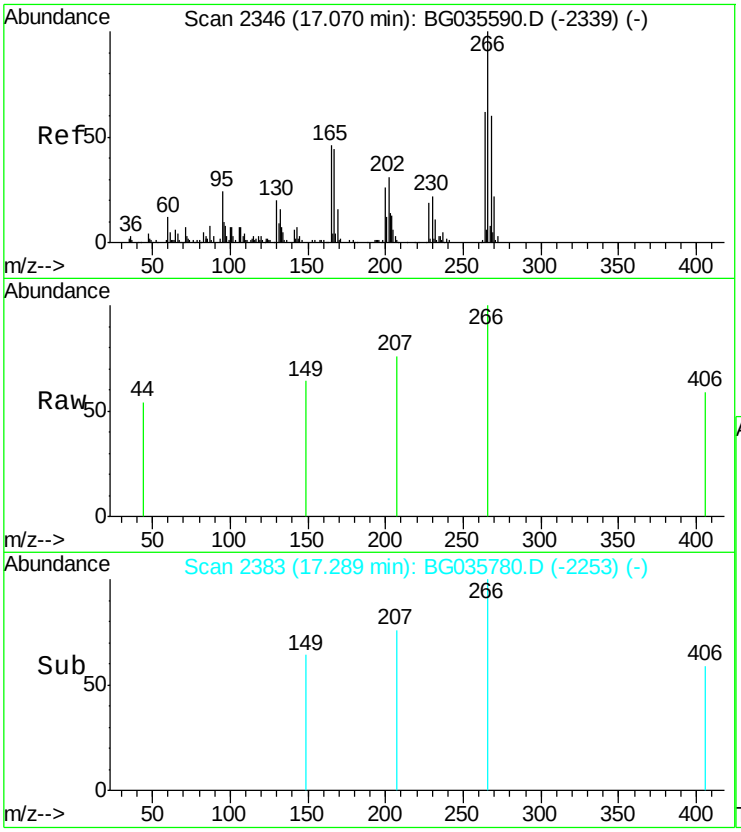


#68
Atrazine
Concen: 0.017 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.10 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:200 Resp: 58

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



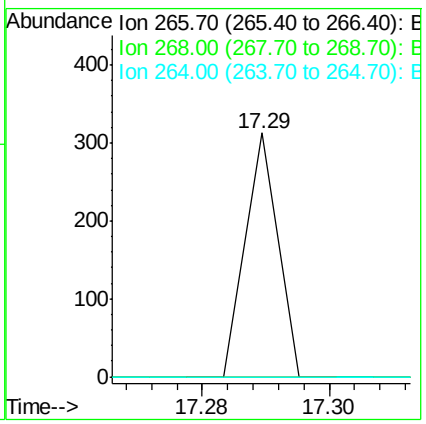


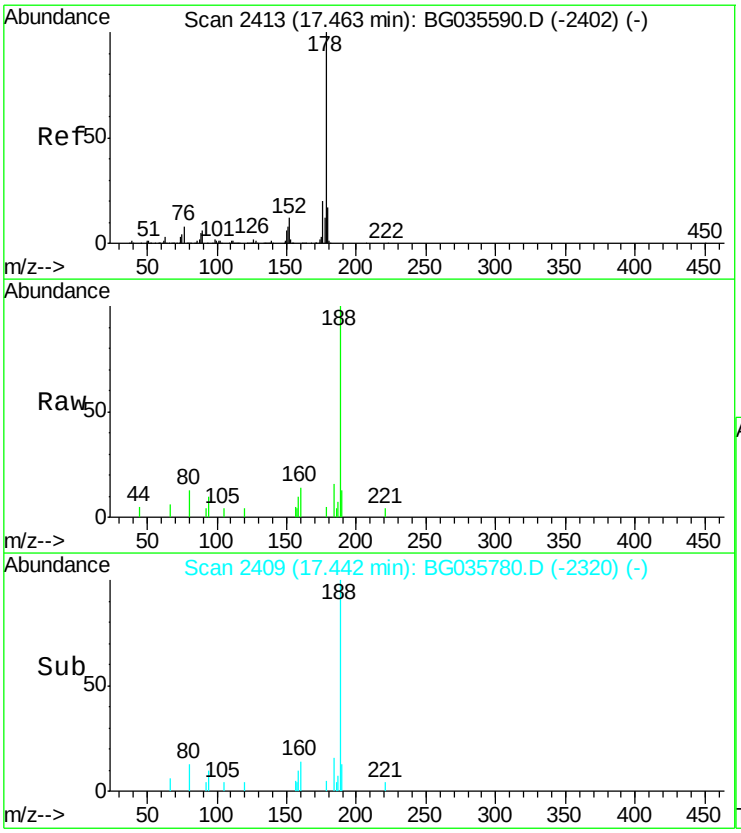
#69
Pentachlorophenol
Concen: 0.051 ng
RT: 17.29 min Scan# 2383
Delta R.T. 0.23 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:266 Resp: 110

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

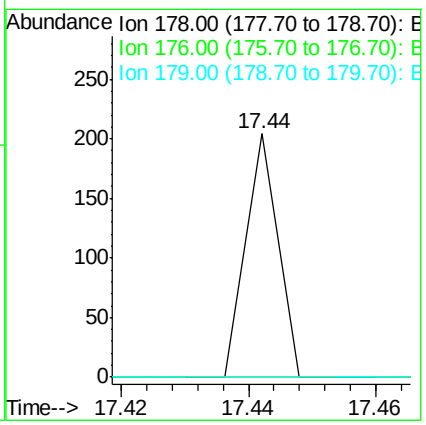


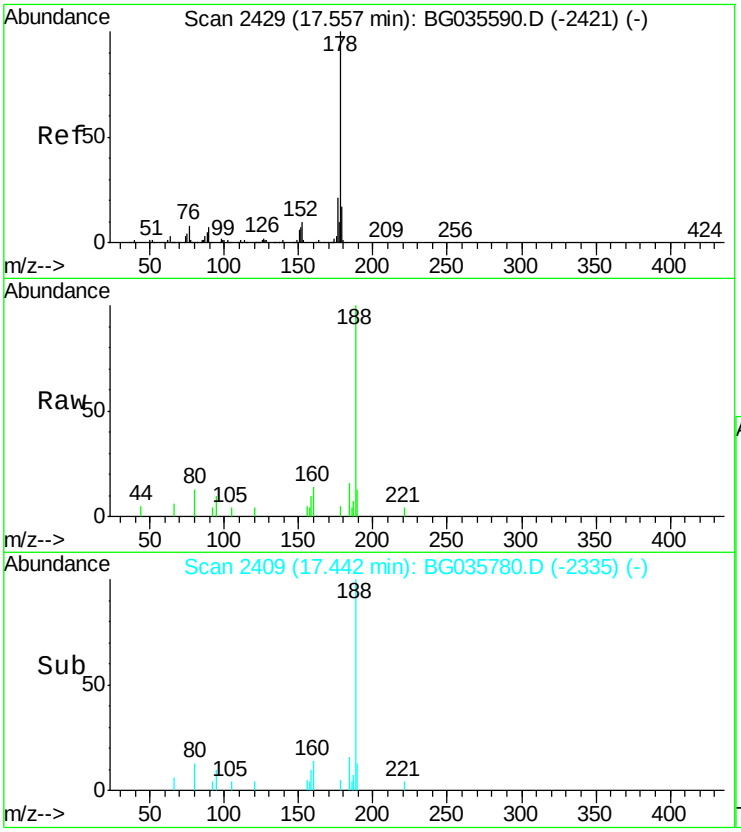


#70
Phenanthrene
Concen: 0.005 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:178 Resp: 72

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



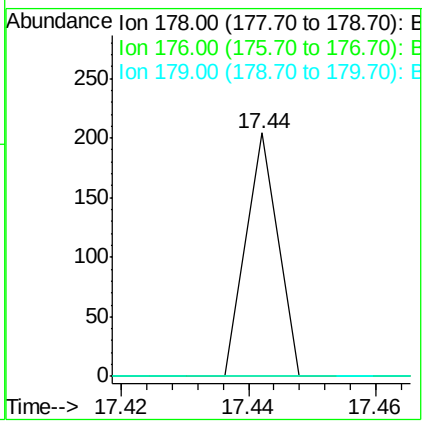


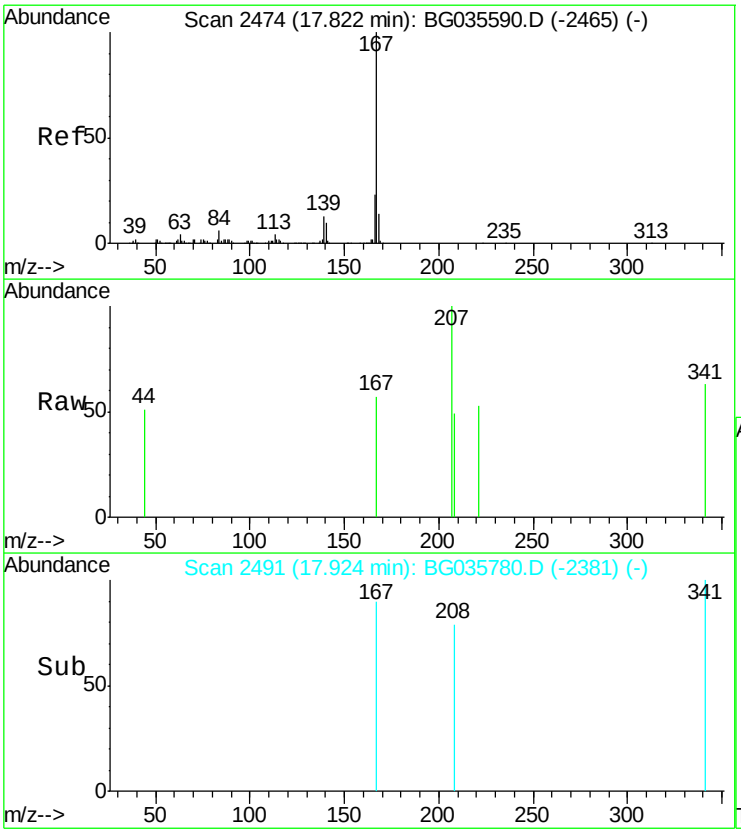
#71
Anthracene
Concen: 0.005 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.10 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:178 Resp: 72

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

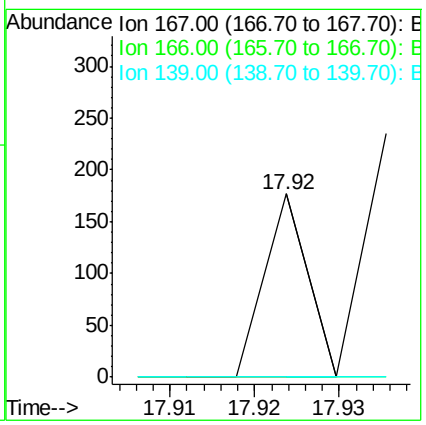


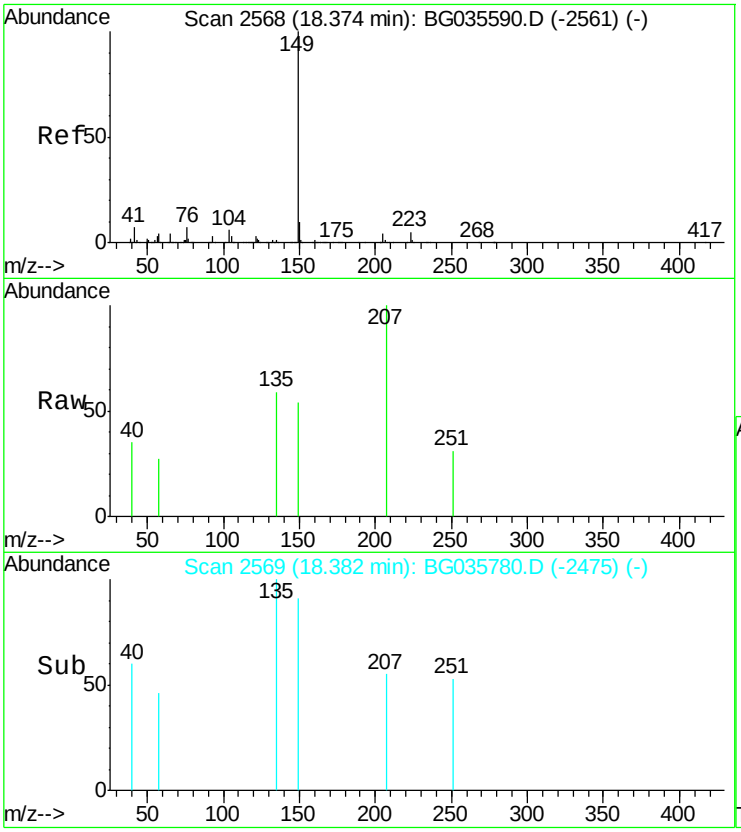


#72
Carbazole
Concen: 0.004 ng
RT: 17.92 min Scan# 2491
Delta R.T. 0.11 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:167 Resp: 62

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



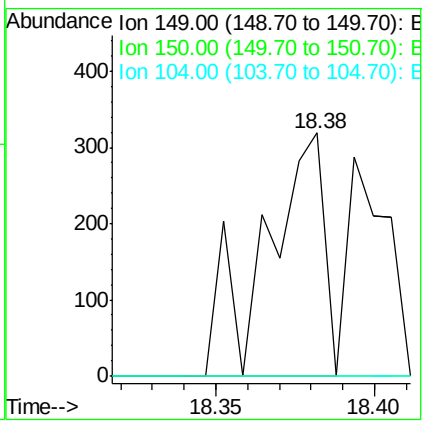


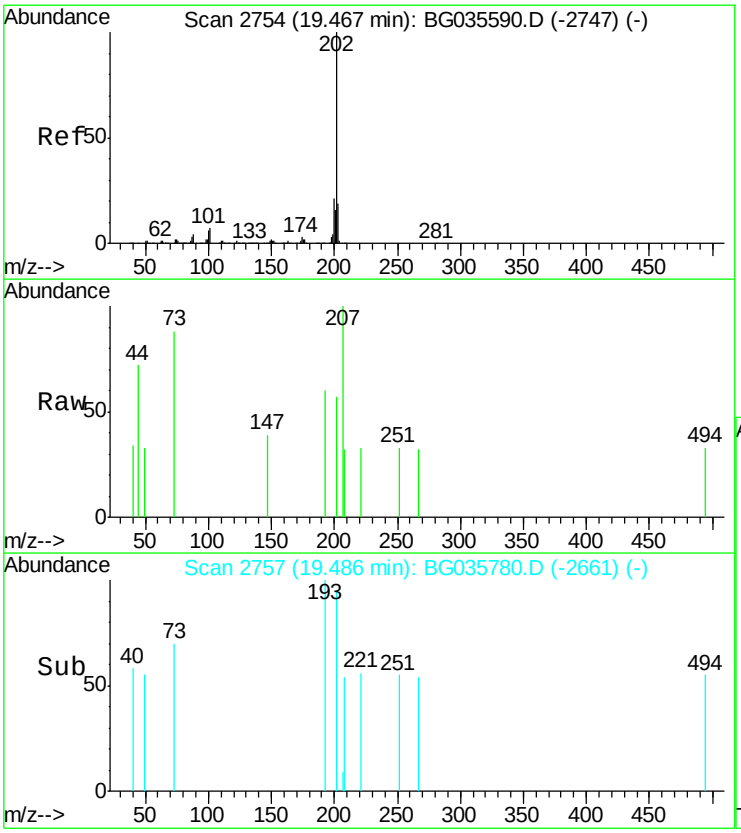
#73
Di-n-butylphthalate
Concen: 0.025 ng
RT: 18.38 min Scan# 2569
Delta R.T. 0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:149 Resp: 413

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

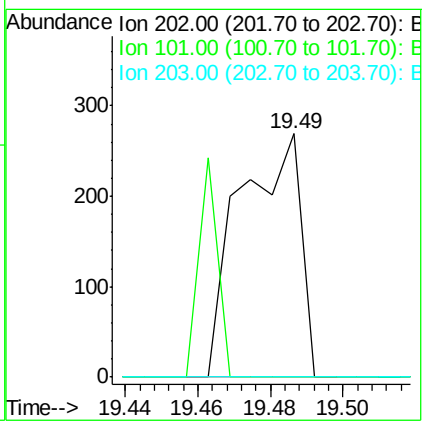


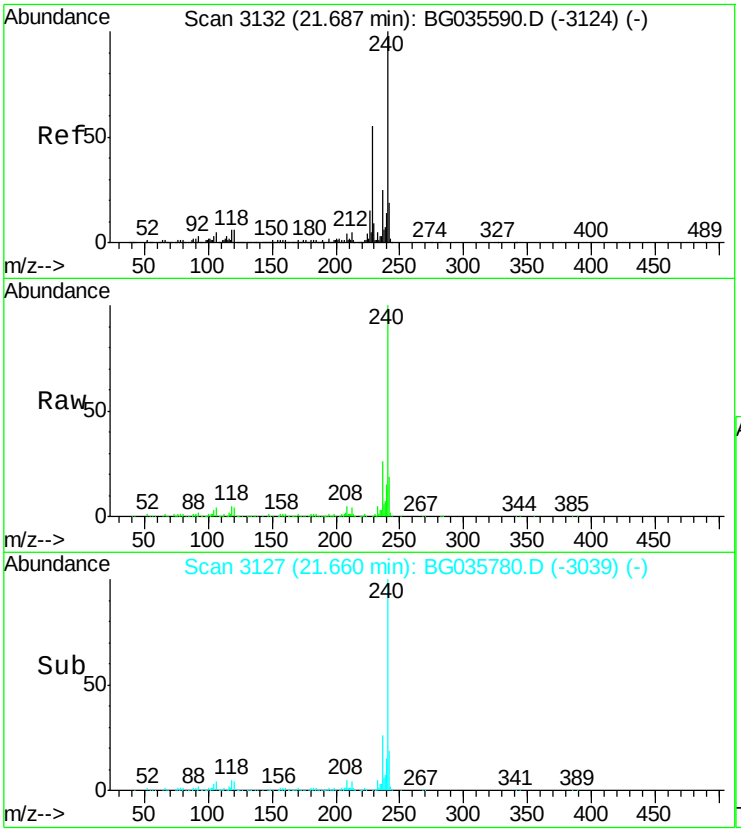


#74
Fluoranthene
Concen: 0.016 ng
RT: 19.49 min Scan# 2757
Delta R.T. 0.03 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:202 Resp: 314

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



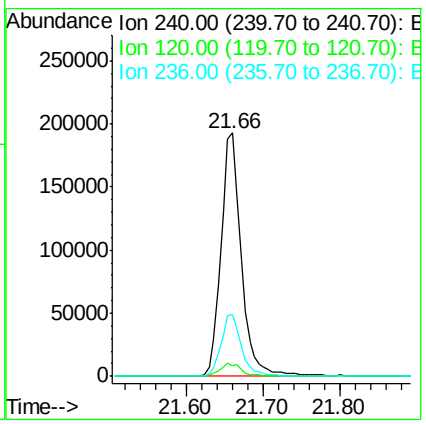


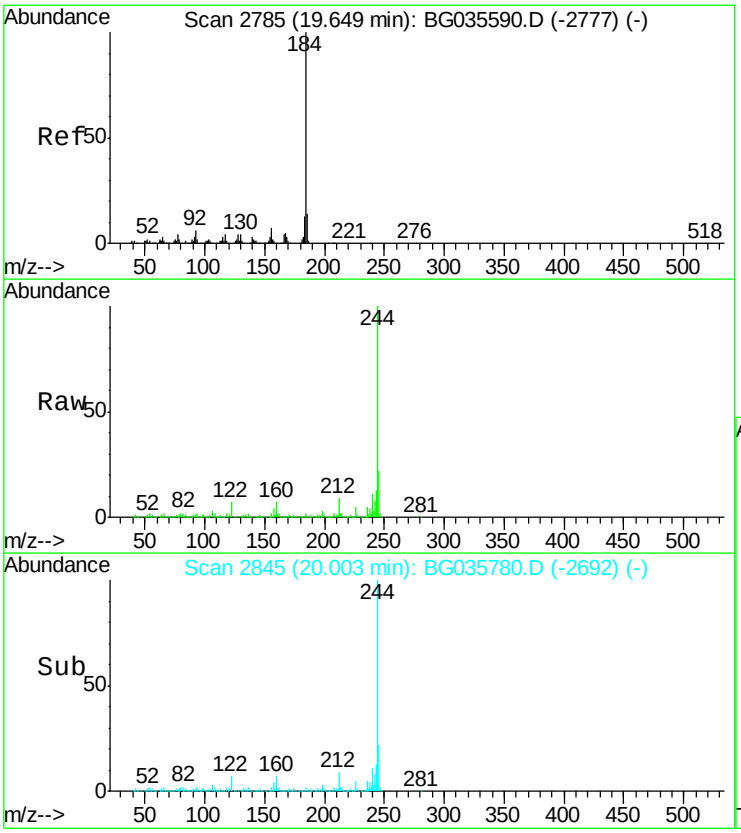
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:240 Resp: 354549

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.6	20.9	31.3

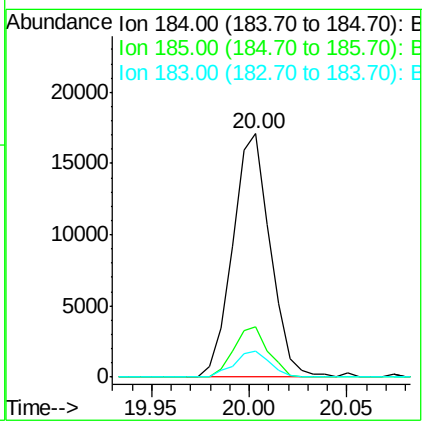


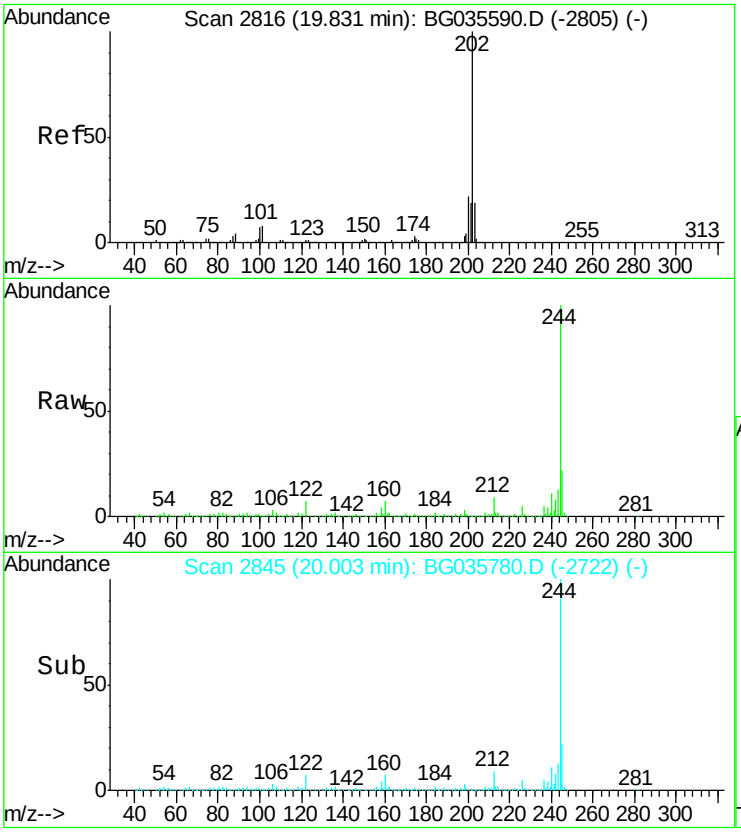


#76
Benzidine
Concen: 2.437 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.37 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:184 Resp: 22716

Ion	Ratio	Lower	Upper
184	100		
185	20.9	11.1	16.7#
183	10.7	10.6	16.0



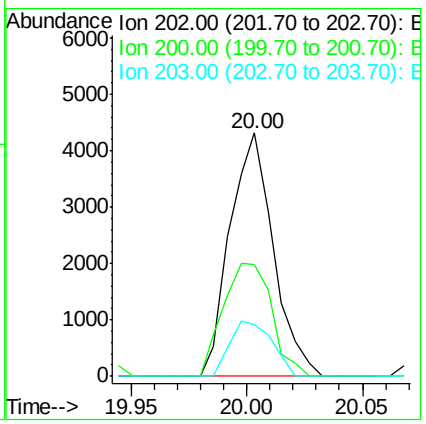


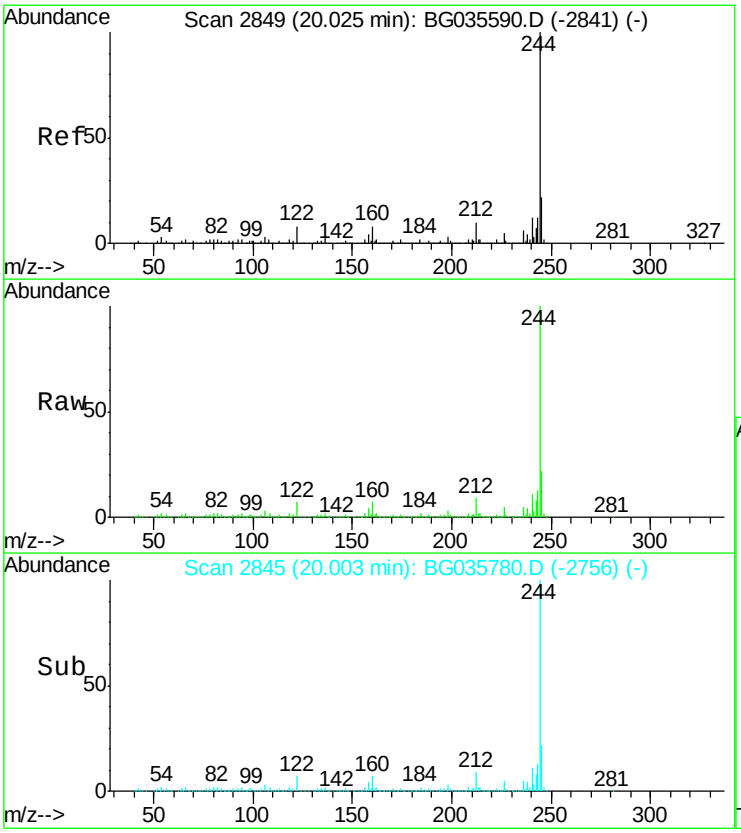
#77
Pyrene
Concen: 0.251 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.19 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:202 Resp: 5632

Ion	Ratio	Lower	Upper
202	100		
200	46.1	16.9	25.3#
203	21.3	13.9	20.9#

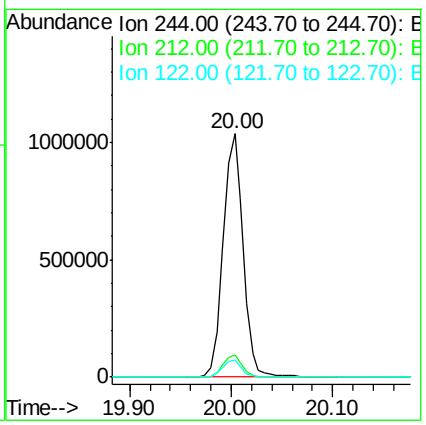


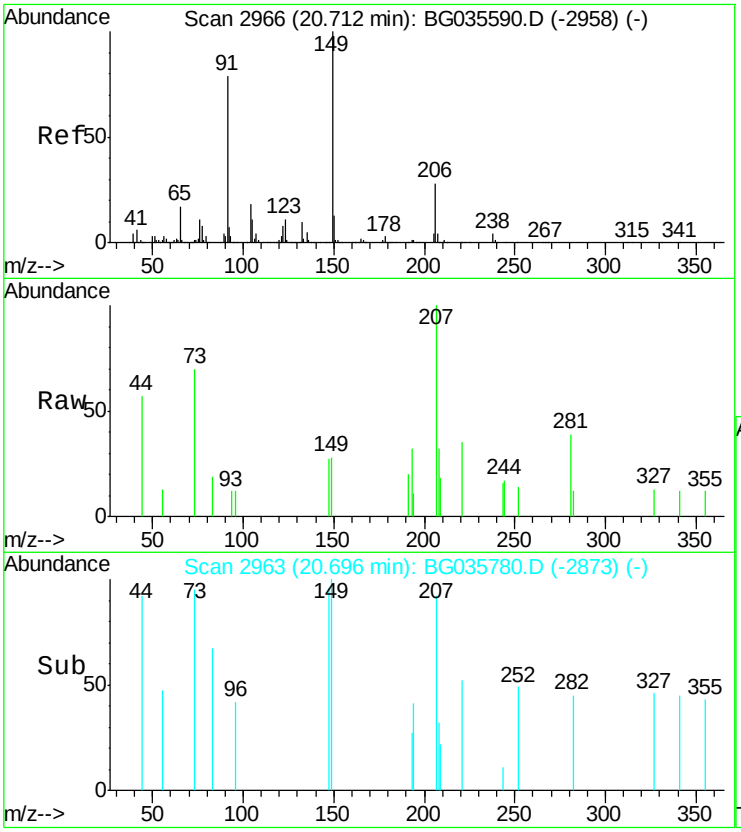


#78
Terphenyl-d14
Concen: 87.934 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:244 Resp: 1414363

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.9	7.0	10.4#



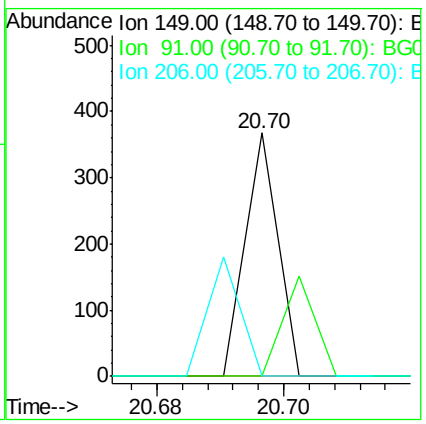


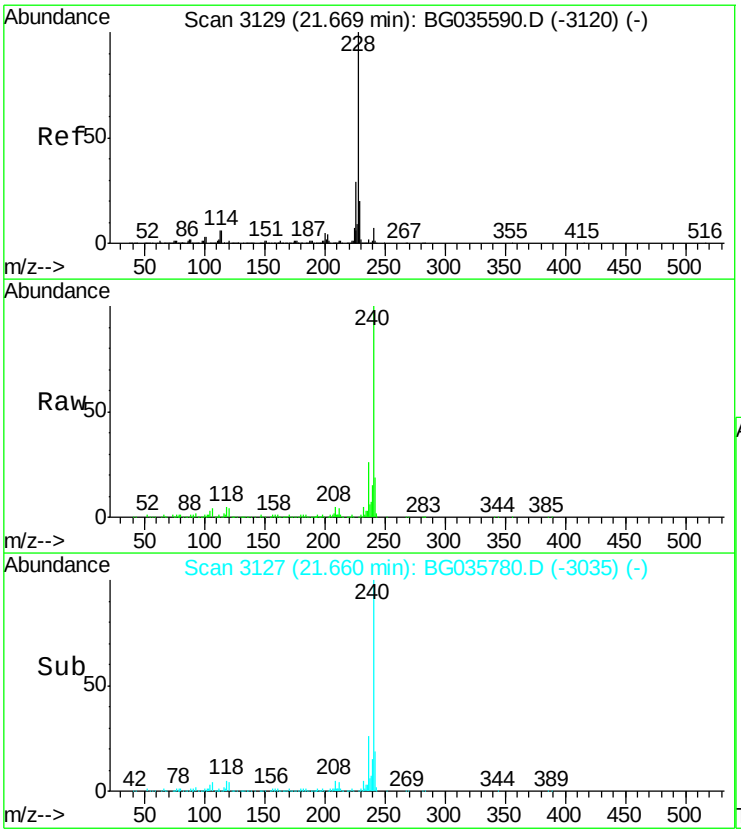
#79
Butylbenzylphthalate
Concen: 0.016 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:149 Resp: 130

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

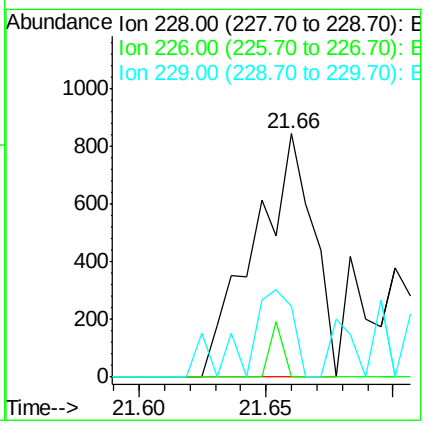


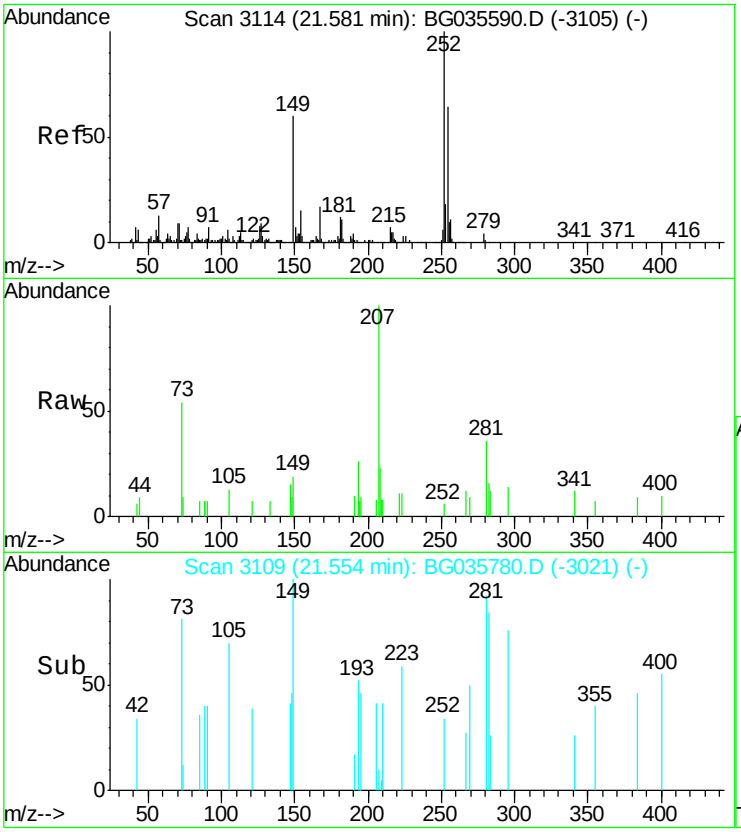


#80
Benzo(a)anthracene
Concen: 0.062 ng
RT: 21.66 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:228 Resp: 1368

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	29.2	16.2	24.2#



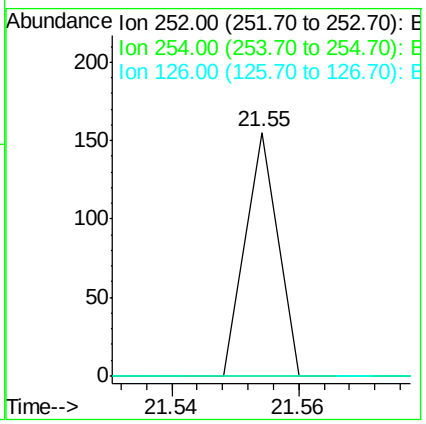


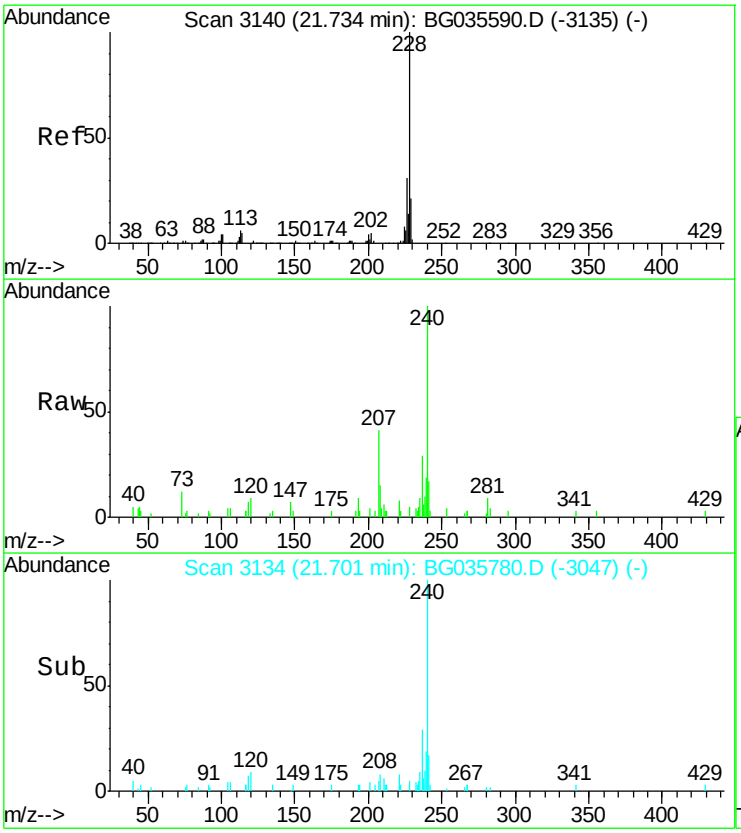
#81
3,3'-Dichlorobenzidine
Concen: 0.007 ng
RT: 21.55 min Scan# 3109
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:252 Resp: 55

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

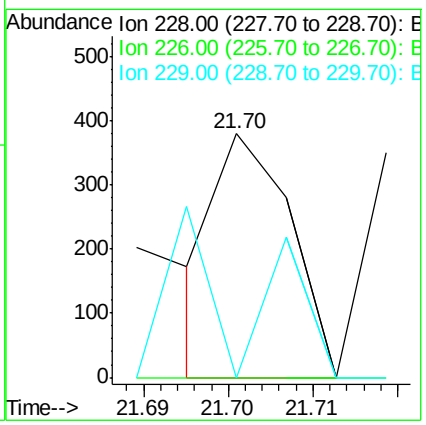


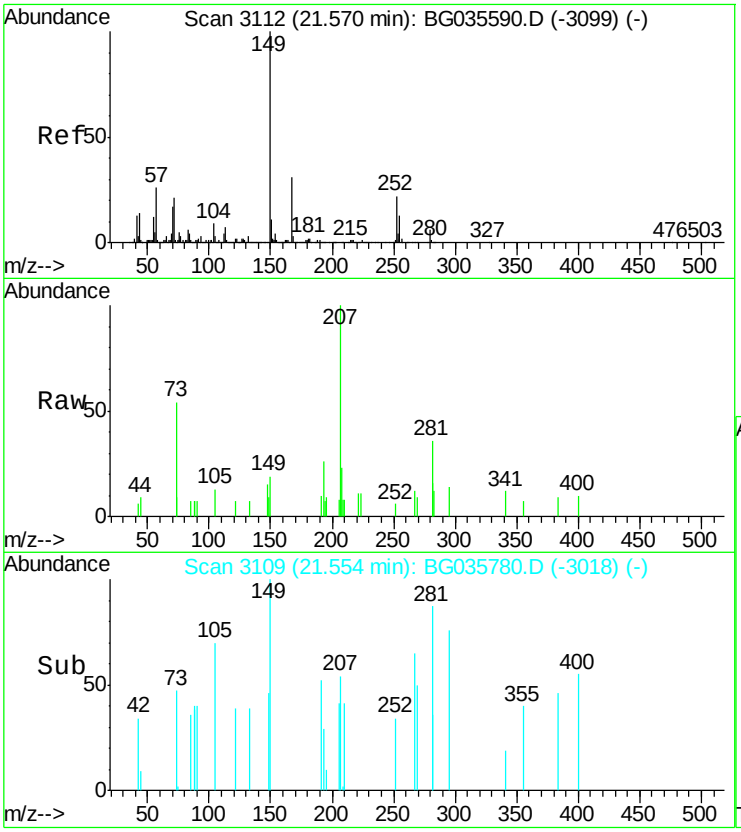


#82
Chrysene
Concen: 0.011 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:228 Resp: 233

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



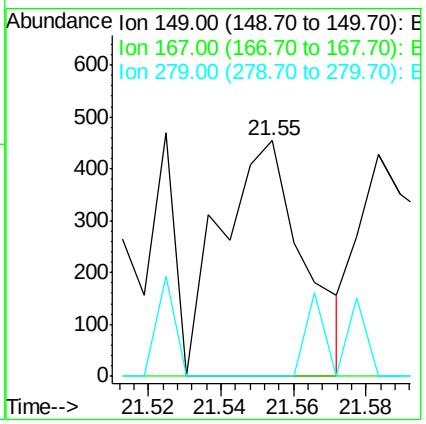


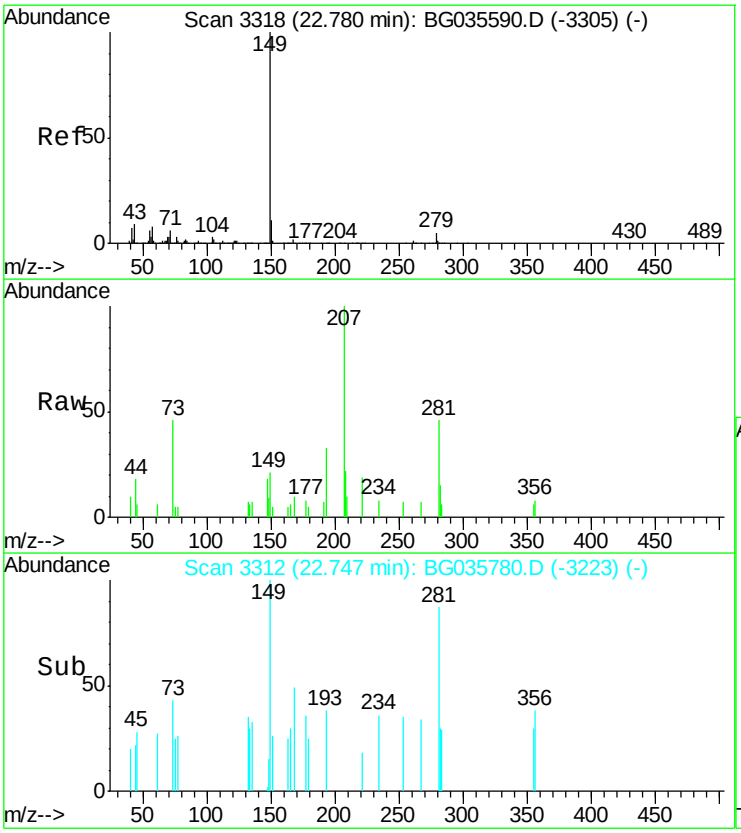
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.55 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:149 Resp: 717

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

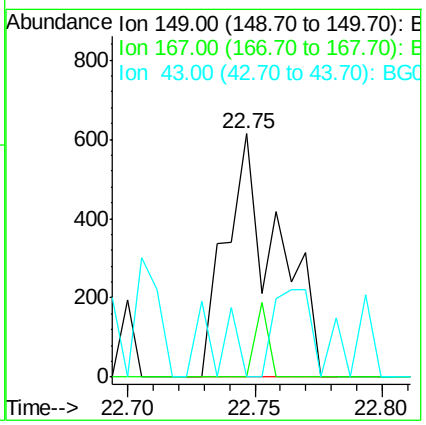


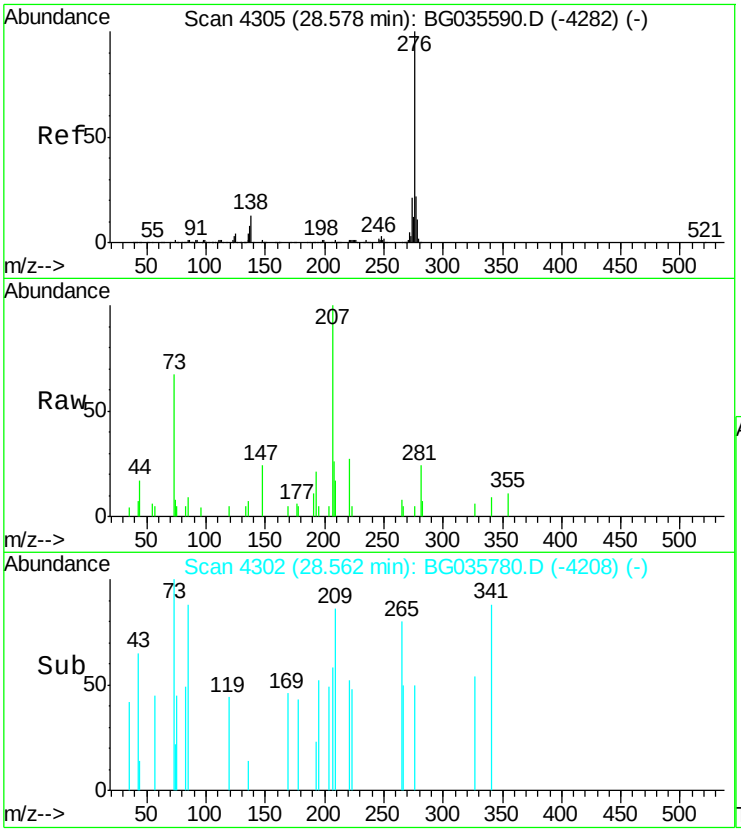


#84
Di-n-octyl phthalate
Concen: 0.048 ng
RT: 22.75 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:149 Resp: 871

Ion	Ratio	Lower	Upper
149	100		
167	7.7	1.4	2.0#
43	0.0	8.9	13.3#



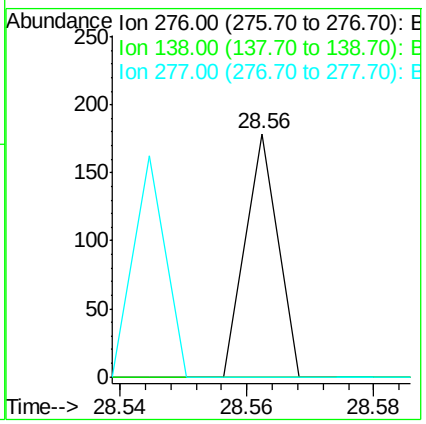


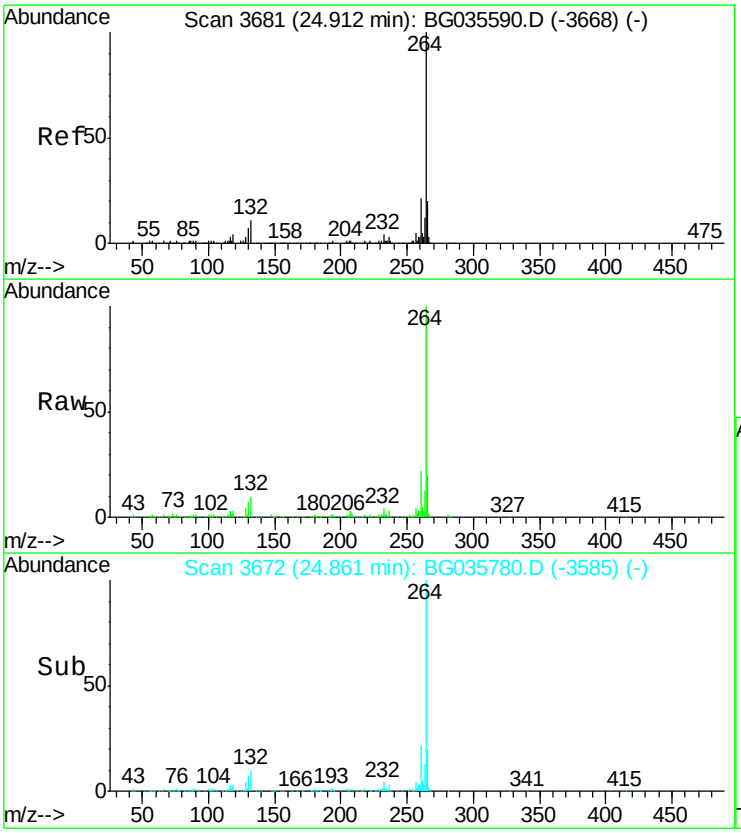
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.56 min Scan# 4302
Delta R.T. 0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:276 Resp: 63

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	90.5	20.0	30.0#

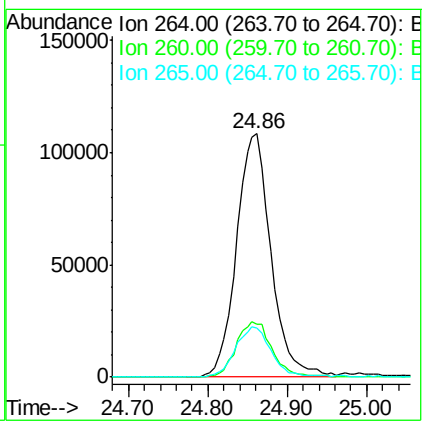


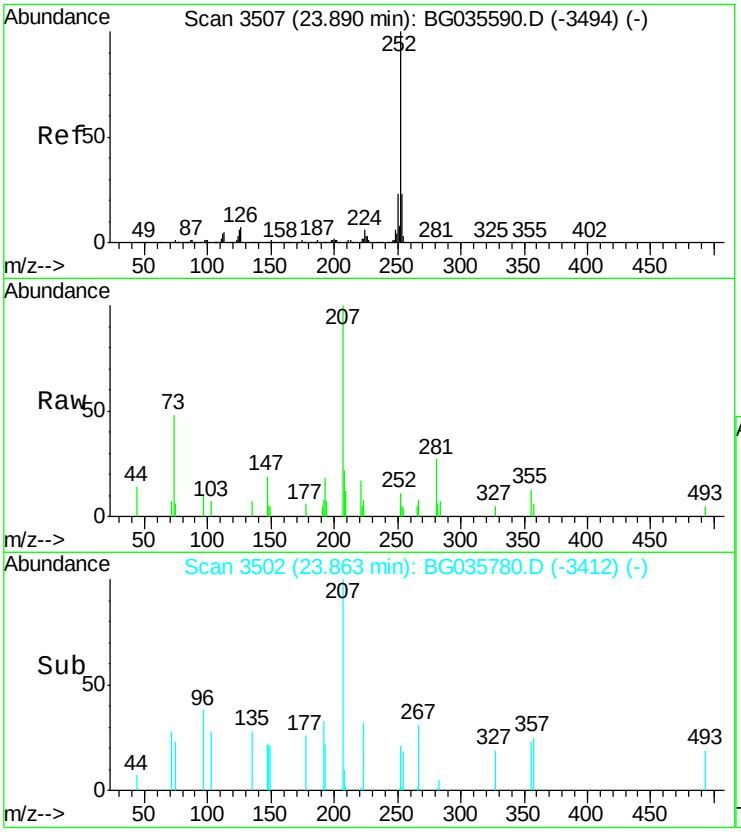


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:264 Resp: 327326

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	20.2	17.7	26.5



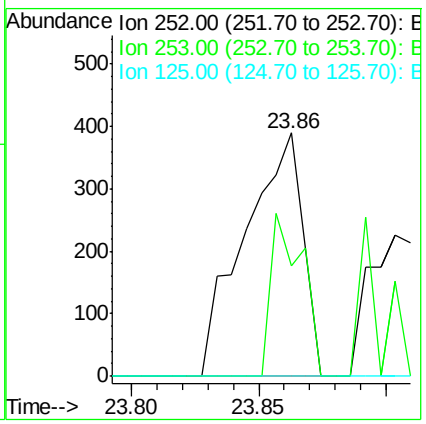


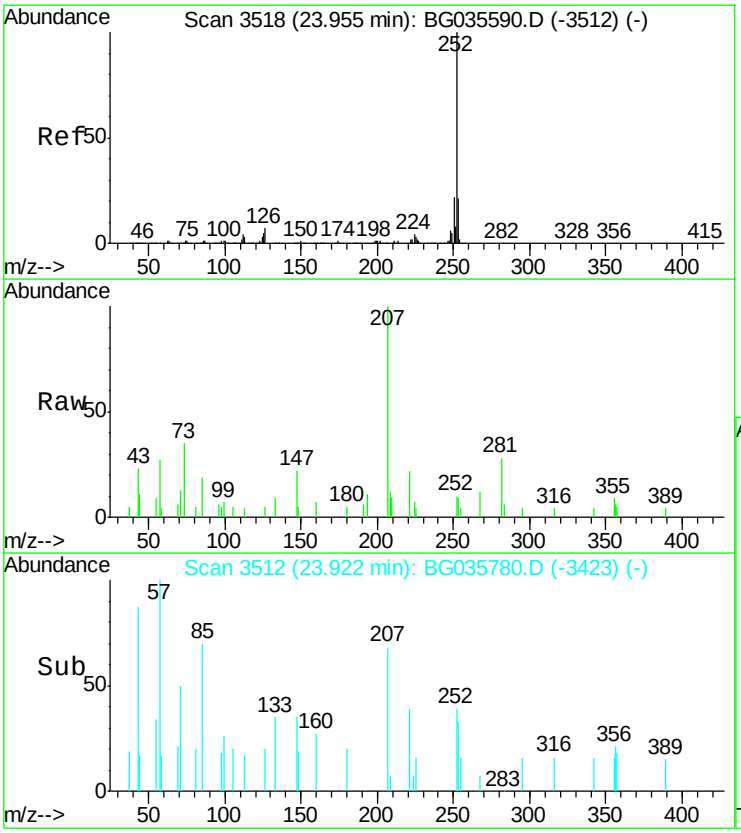
#87
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 23.86 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:252 Resp: 623

Ion	Ratio	Lower	Upper
252	100		
253	45.4	18.2	27.4#
125	0.0	7.2	10.8#

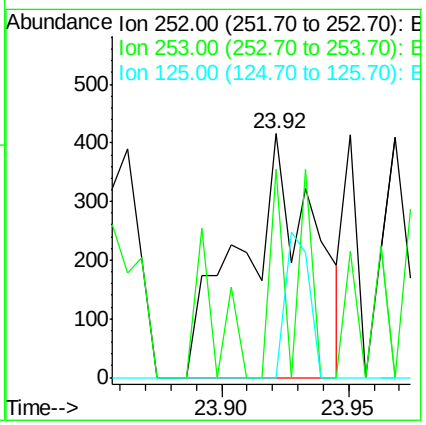


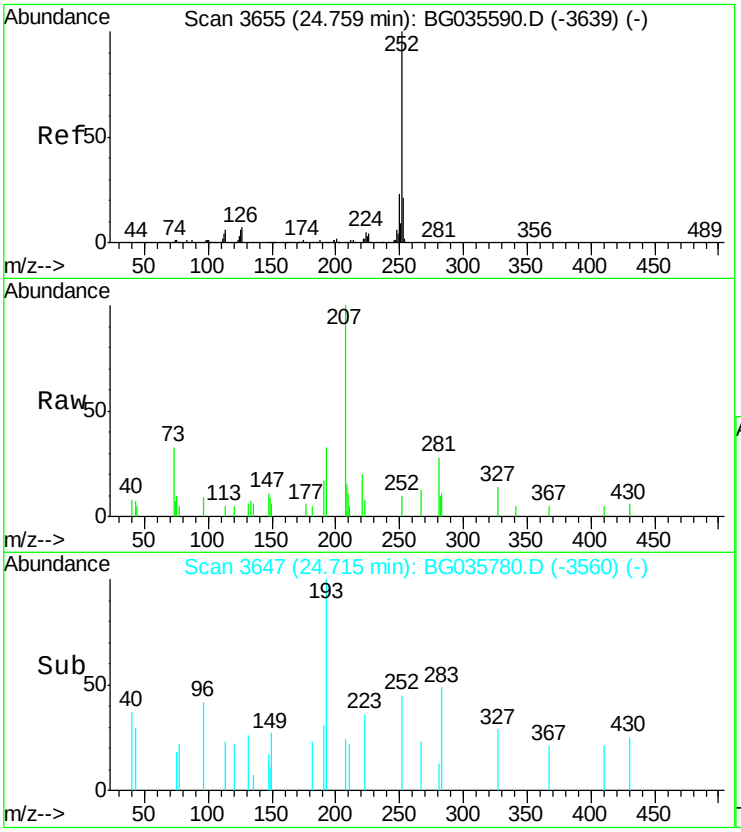


#88
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 23.92 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:252 Resp: 815

Ion	Ratio	Lower	Upper
252	100		
253	85.6	17.4	26.2#
125	0.0	6.6	9.8#



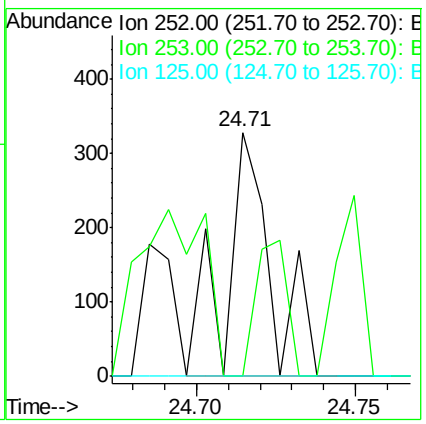


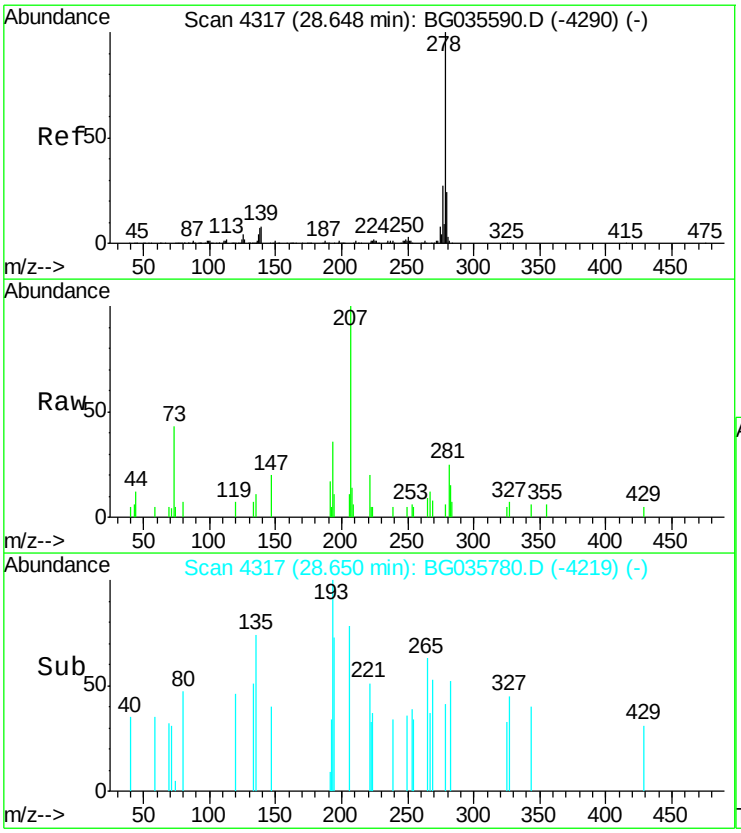
#89
Benzo(a)pyrene
Concen: 0.018 ng
RT: 24.71 min Scan# 3647
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:252 Resp: 327

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

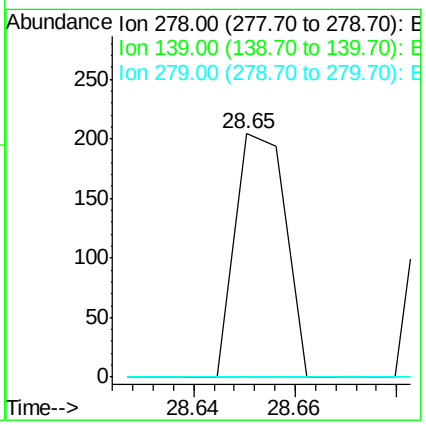


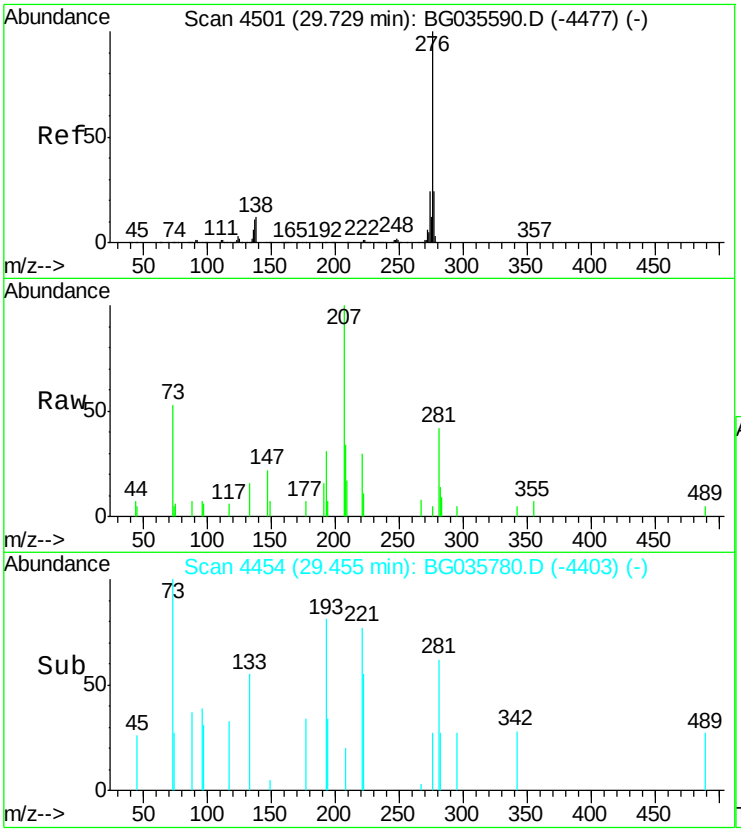


#90
Dibenzo(a,h)anthracene
Concen: 0.008 ng
RT: 28.65 min Scan# 4317
Delta R.T. 0.04 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:278 Resp: 140

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: 29.46 min Scan# 4454
Delta R.T. -0.23 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

Tgt Ion:276 Resp: 56

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