Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033871.D
Acq On : 19 Apr 2018 16:34
Operator : SJ/JU
Sample : J2157-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 20 03:09:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	71709	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	296741	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	179215	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	445224	20.00	ng	0.00
75) Chrysene-d12	21.48	240	456077	20.00	ng	0.00
86) Perylene-d12	24.56	264	477556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	617160	137.40	ng	0.01
7) Phenol-d6	7.01	99	711516	108.61	ng	0.01
23) Nitrobenzene-d5	8.99	82	553564	106.16	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	331730	158.66	ng	0.00
44) 2-Fluorobiphenyl	13.10	172	1216999	99.76	ng	0.00
78) Terphenyl-d14	19.87	244	1923005	94.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	202	0.106	ng	# 1
3) Pyridine	3.78	79	183	0.033	ng	# 1
4) n-Nitrosodimethylamine	3.72	42	337	0.135	ng	# 1
6) Aniline	7.18	93	2547	0.291	ng	# 89
8) 2-Chlorophenol	7.42	128	129	0.026	ng	# 29
9) Benzaldehyde	7.01	77	1485	Below Cal		# 20
10) Phenol	7.01	94	614	0.091	ng	# 1
11) bis(2-Chloroethyl)ether	7.18	93	2547	0.496	ng	# 16
12) 1,3-Dichlorobenzene	8.16	146	54	0.009	ng	# 1
13) 1,4-Dichlorobenzene	8.16	146	54	0.009	ng	# 1
14) 1,2-Dichlorobenzene	8.16	146	54	0.009	ng	# 1
15) Benzyl Alcohol	8.16	79	10606	1.857	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	8.37	45	216	0.022	ng	75
17) 2-Methylphenol	8.28	107	55	0.011	ng	# 13
18) Hexachloroethane	8.93	117	83	0.039	ng	# 9
19) n-Nitroso-di-n-propylamine	8.99	70	79619	14.258	ng	# 82
20) 3+4-Methylphenols	8.59	107	64	0.009	ng	# 1
22) Acetophenone	8.65	105	901	0.112	ng	# 77
24) Nitrobenzene	9.05	77	87	0.015	ng	# 42
25) Isophorone	9.55	82	174	0.015	ng	# 1
27) 2,4-Dimethylphenol	9.80	122	54	0.013	ng	# 1
28) bis(2-Chloroethoxy)methane	10.06	93	66	0.011	ng	# 51
31) Naphthalene	10.67	128	8579	0.562	ng	# 91
32) Benzoic acid	9.92	122	53	5.095	ng	# 1
33) 4-Chloroaniline	10.78	127	1150	0.160	ng	# 72
35) Caprolactam	11.55	113	208	0.105	ng	# 16
36) 4-Chloro-3-methylphenol	11.87	107	69	0.012	ng	# 4
37) 2-Methylnaphthalene	12.29	142	2764	0.237	ng	# 85
45) 1,1'-Biphenyl	13.31	154	3423	0.236	ng	90
46) 2-Chloronaphthalene	13.64	162	59	0.005	ng	# 39
47) 2-Nitroaniline	13.54	65	223	0.065	ng	# 9
48) Acenaphthylene	14.19	152	1077	0.059	ng	# 67
50) 2,6-Dinitrotoluene	14.47	165	24043	8.048	ng	# 21
51) Acenaphthene	14.53	154	986	0.086	ng	# 68

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033871.D
Acq On : 19 Apr 2018 16:34
Operator : SJ/JU
Sample : J2157-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 20 03:09:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	14.35	138	62	0.019	ng	#	1
53) 2,4-Dinitrophenol	14.67	184	55	0.051	ng	#	1
54) Dibenzofuran	14.87	168	826	0.049	ng	#	90
55) 4-Nitrophenol	14.66	139	62	0.024	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	24043	6.052	ng	#	18
57) Fluorene	15.53	166	1770	0.120	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.08	232	54	0.014	ng	#	1
59) Diethylphthalate	15.31	149	2822	0.169	ng	#	90
61) 4-Nitroaniline	15.53	138	130	0.038	ng	#	30
62) Azobenzene	15.84	77	404	0.027	ng	#	77
64) 4,6-Dinitro-2-methylphenol	15.76	198	62	6.514	ng	#	6
65) n-Nitrosodiphenylamine	15.96	169	13739	1.061	ng	#	50
66) 4-Bromophenyl-phenylether	15.96	248	21276	4.351	ng	#	1
67) Hexachlorobenzene	16.61	284	75	0.014	ng	#	41
68) Atrazine	16.97	200	55	0.011	ng	#	35
69) Pentachlorophenol	16.92	266	61	0.017	ng	#	19
70) Phenanthrene	17.26	178	6781	0.284	ng		98
71) Anthracene	17.26	178	6781	0.284	ng		98
72) Carbazole	17.62	167	478	0.021	ng	#	25
73) Di-n-butylphthalate	18.21	149	34803	1.214	ng	#	97
74) Fluoranthene	19.28	202	1042	0.036	ng	#	63
76) Benzidine	19.47	184	425010	34.509	ng		99
77) Pyrene	19.65	202	1108	0.037	ng	#	77
79) Butylbenzylphthalate	20.56	149	36433	2.773	ng	#	23
80) Benzo(a)anthracene	21.49	228	1419	0.049	ng	#	75
81) 3,3'-Dichlorobenzidine	21.50	252	13689	1.277	ng	#	29
82) Chrysene	21.49	228	1419	0.052	ng	#	75
83) Bis(2-ethylhexyl)phthalate	21.43	149	4813	0.259	ng		95
84) Di-n-octyl phthalate	22.61	149	691	0.023	ng	#	66
85) Indeno(1,2,3-cd)pyrene	28.08	276	66	0.002	ng	#	1
87) Benzo(b)fluoranthene	23.61	252	54	0.002	ng	#	1
88) Benzo(k)fluoranthene	23.62	252	54	0.002	ng	#	1
89) Benzo(a)pyrene	24.43	252	91	0.003	ng	#	1
90) Dibenzo(a,h)anthracene	28.10	278	59	0.002	ng	#	58
91) Benzo(g,h,i)perylene	29.08	276	62	0.002	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
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Sample : J2157-12
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Instrument :
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Quant Time: Apr 20 03:09:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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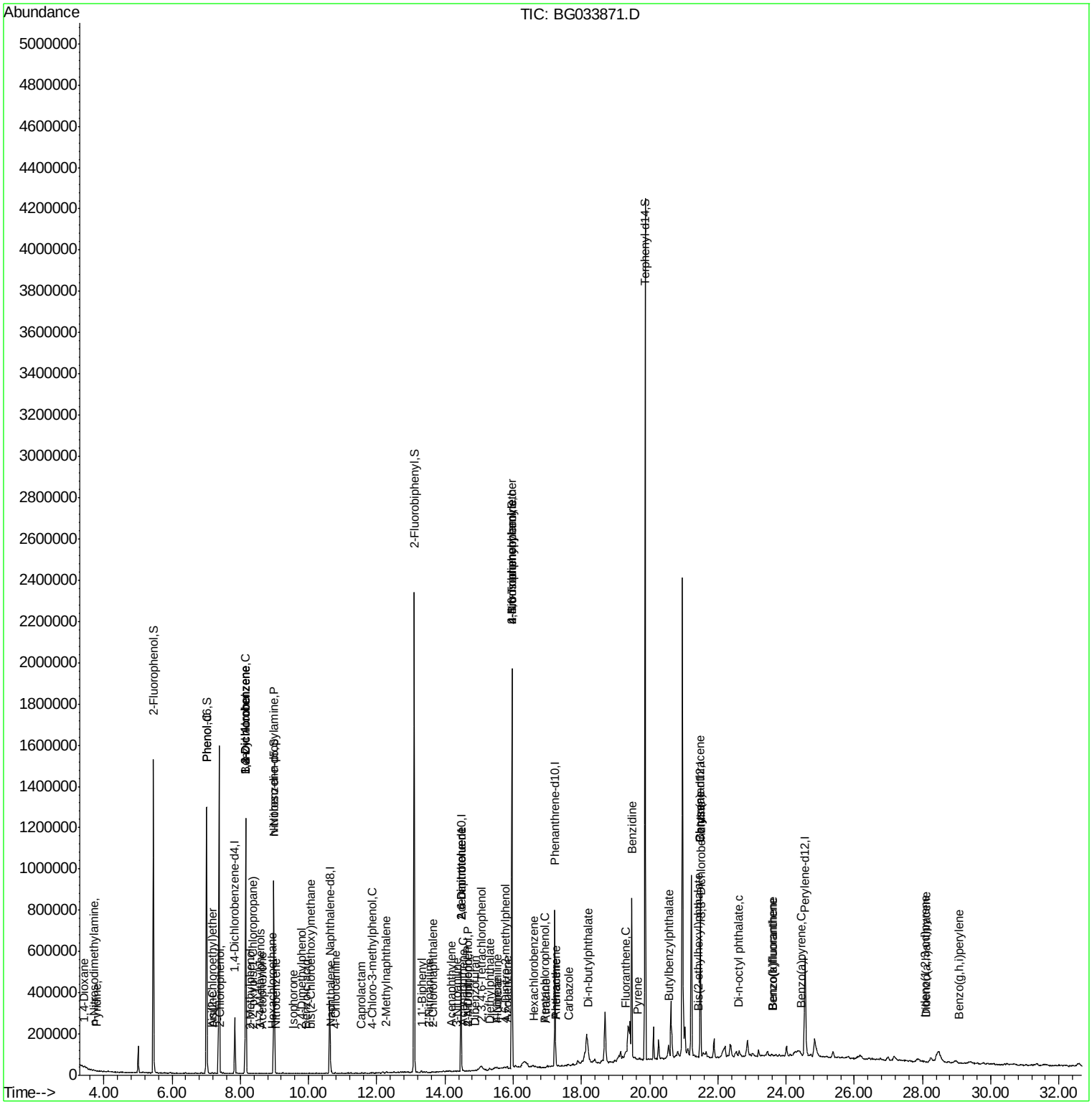
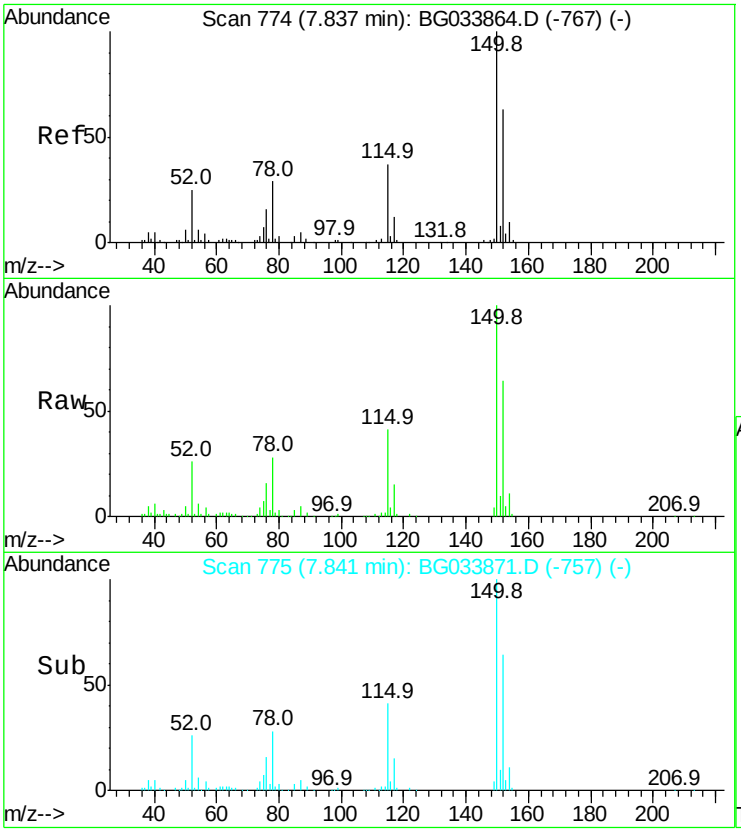
Response via : Initial Calibration



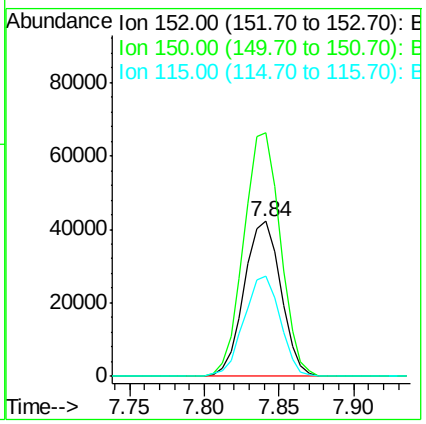


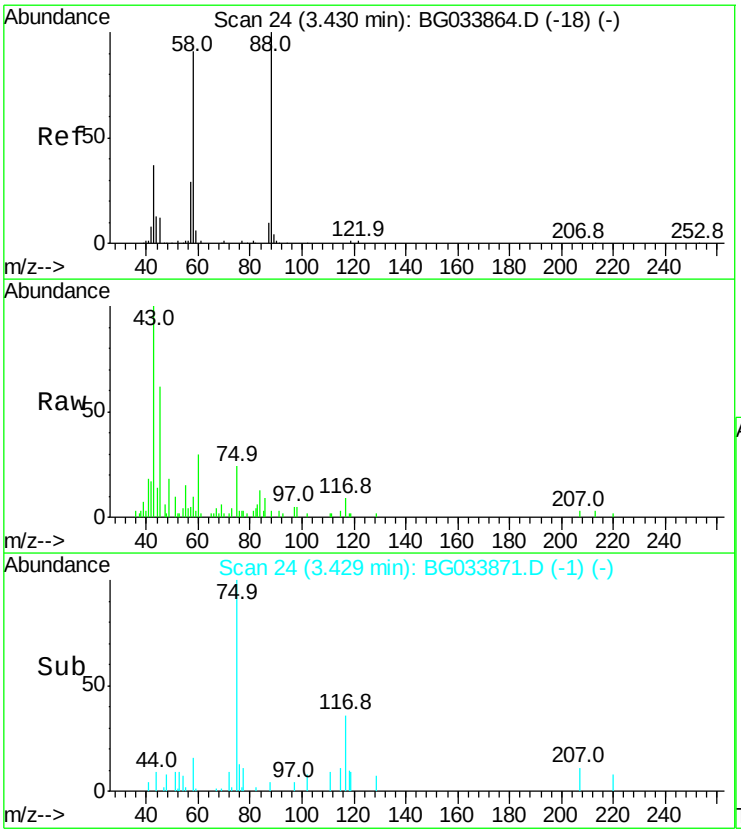
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 775
Delta R.T. 0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71709

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	65.0	53.0	79.4

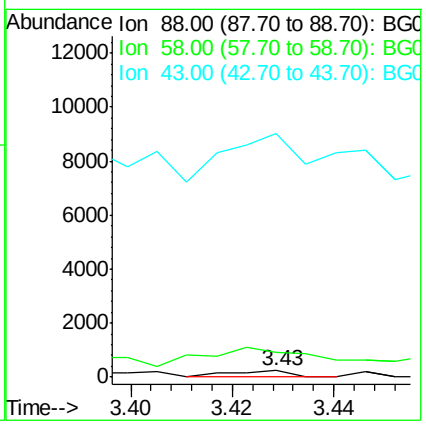


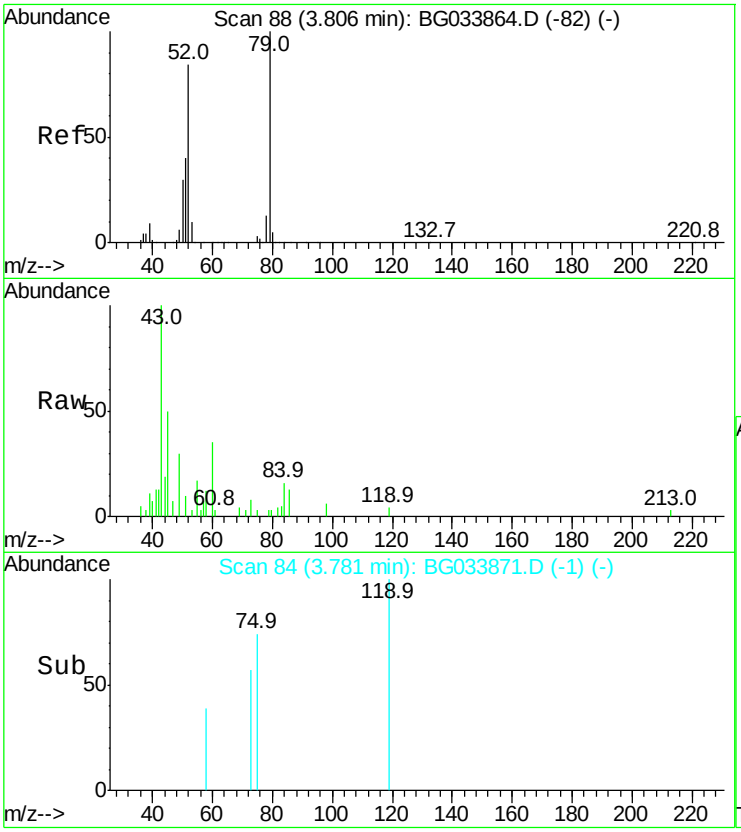


#2
1,4-Dioxane
Concen: 0.106 ng
RT: 3.43 min Scan# 24
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion: 88 Resp: 202

Ion	Ratio	Lower	Upper
88	100		
58	517.8	79.6	119.4#
43	1936.1	27.4	41.0#



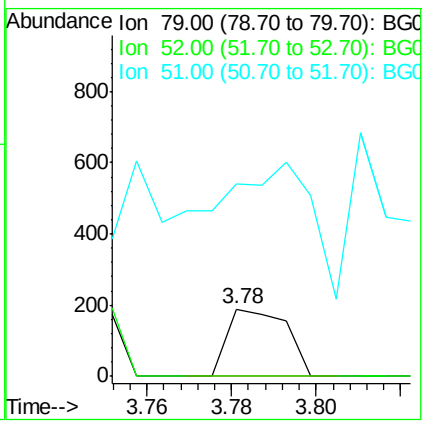


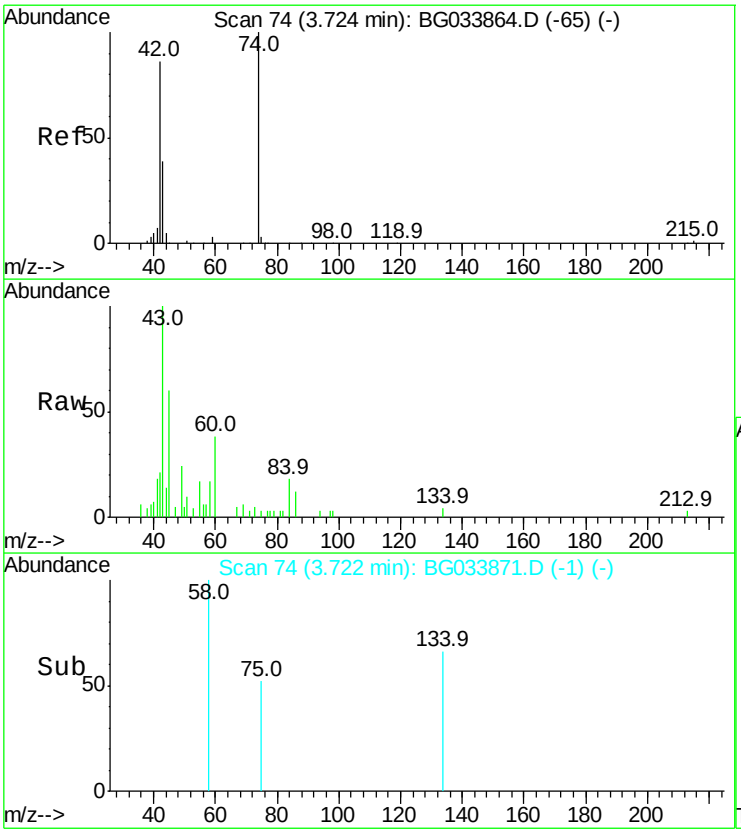
#3
Pyridine
Concen: 0.033 ng
RT: 3.78 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 183

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	285.7	34.0	51.0#

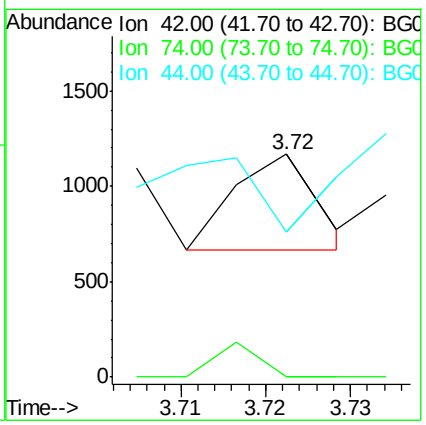


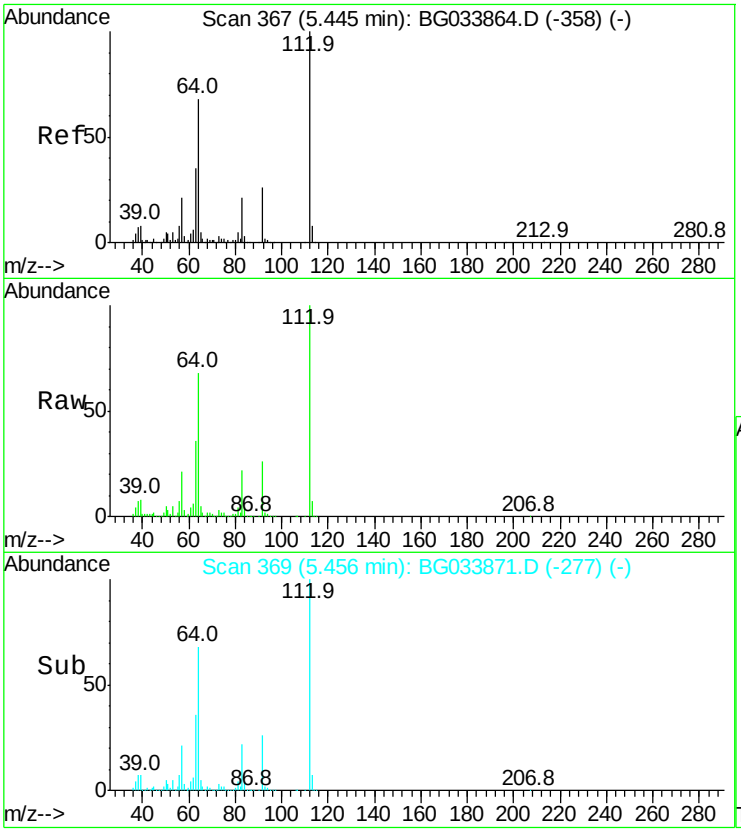


#4
n-Nitrosodimethylamine
Concen: 0.135 ng
RT: 3.72 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion: 42 Resp: 337

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	65.0	18.9	28.3#



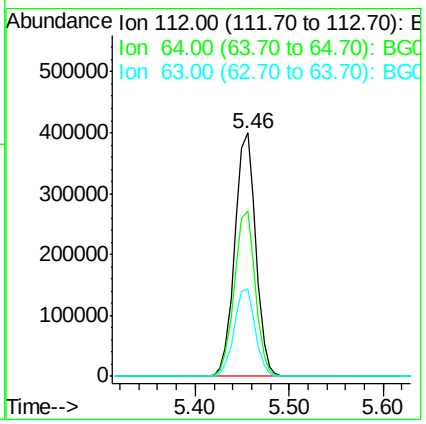


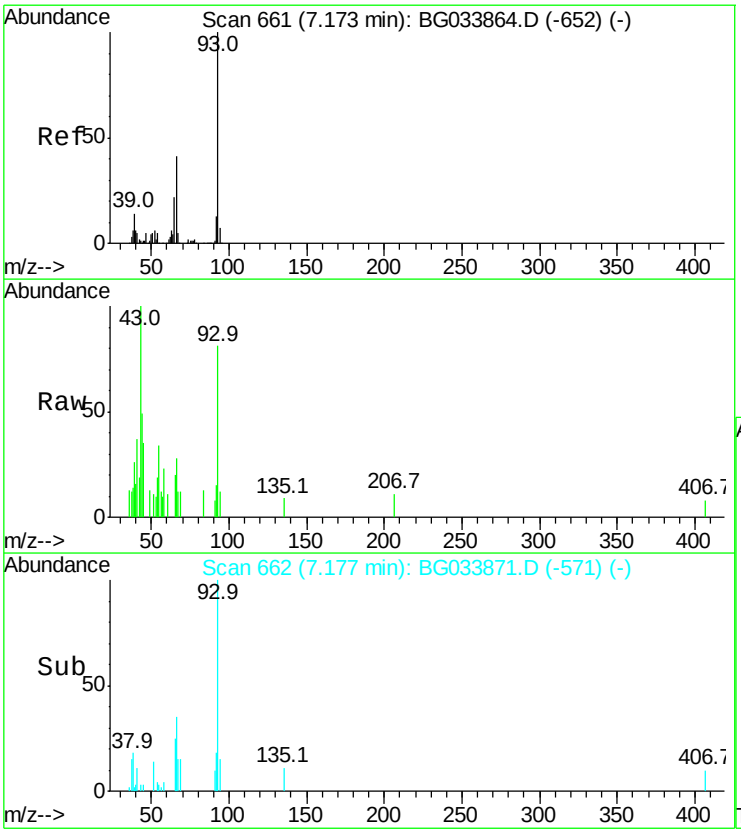
#5
2-Fluorophenol
Concen: 137.405 ng
RT: 5.46 min Scan# 369
Delta R.T. 0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 617160

Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.3	84.5
63	35.7	30.1	45.1

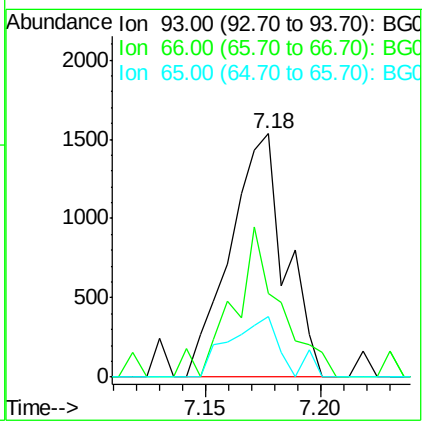


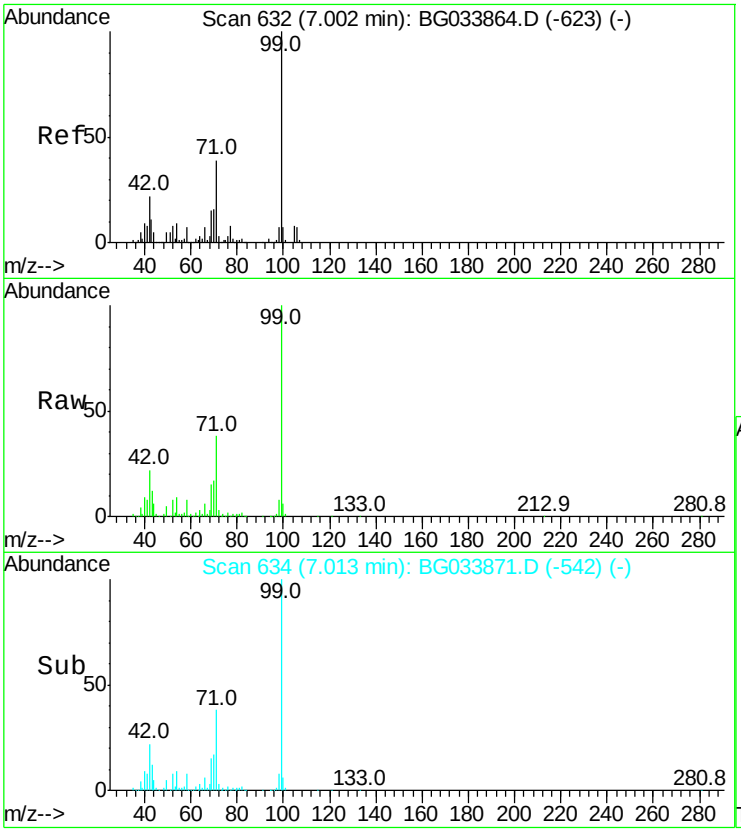


#6
Aniline
Concen: 0.291 ng
RT: 7.18 min Scan# 662
Delta R.T. 0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion: 93 Resp: 2547

Ion	Ratio	Lower	Upper
93	100		
66	34.5	33.7	50.5
65	24.8	16.1	24.1#



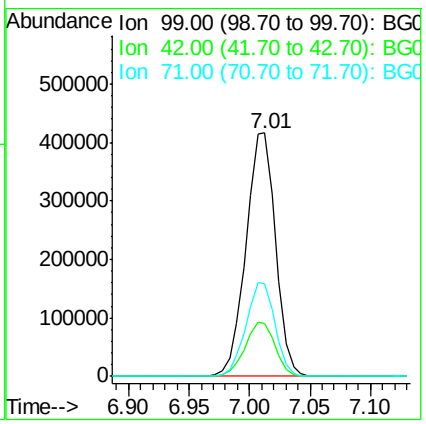


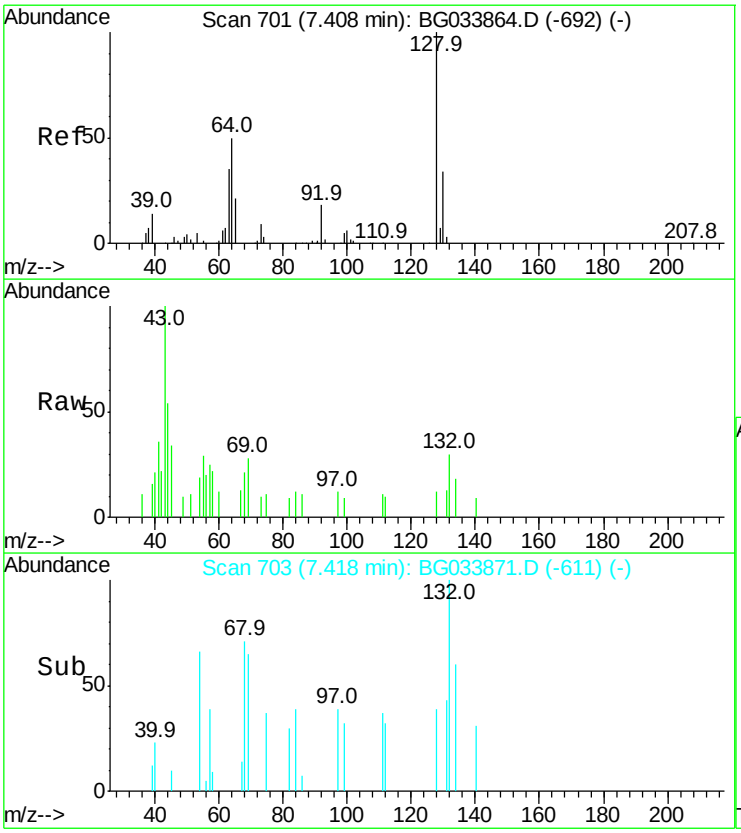
#7
Phenol-d6
Concen: 108.609 ng
RT: 7.01 min Scan# 634
Delta R.T. 0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 711516

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.1	21.1#
71	37.9	26.1	39.1

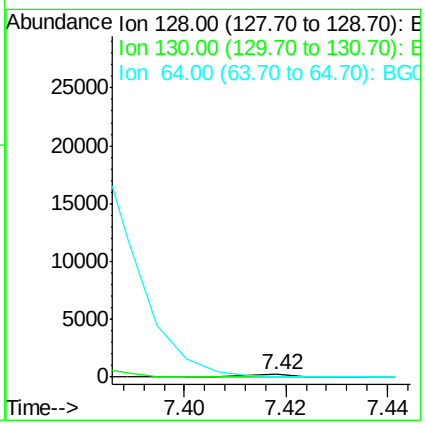


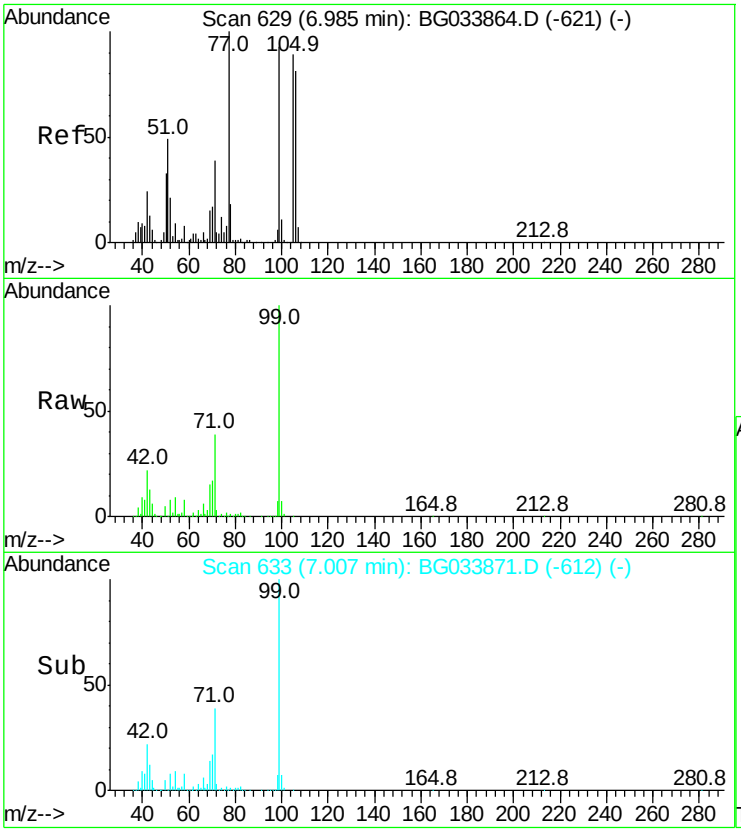


#8
2-Chlorophenol
Concen: 0.026 ng
RT: 7.42 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:128 Resp: 129

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



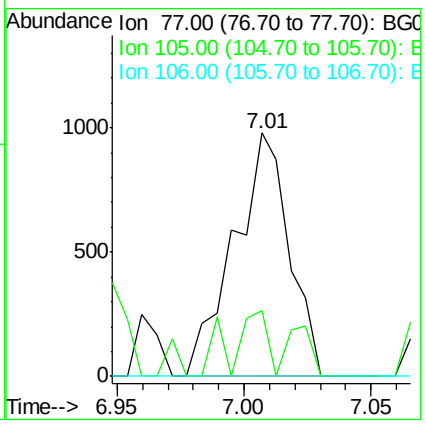


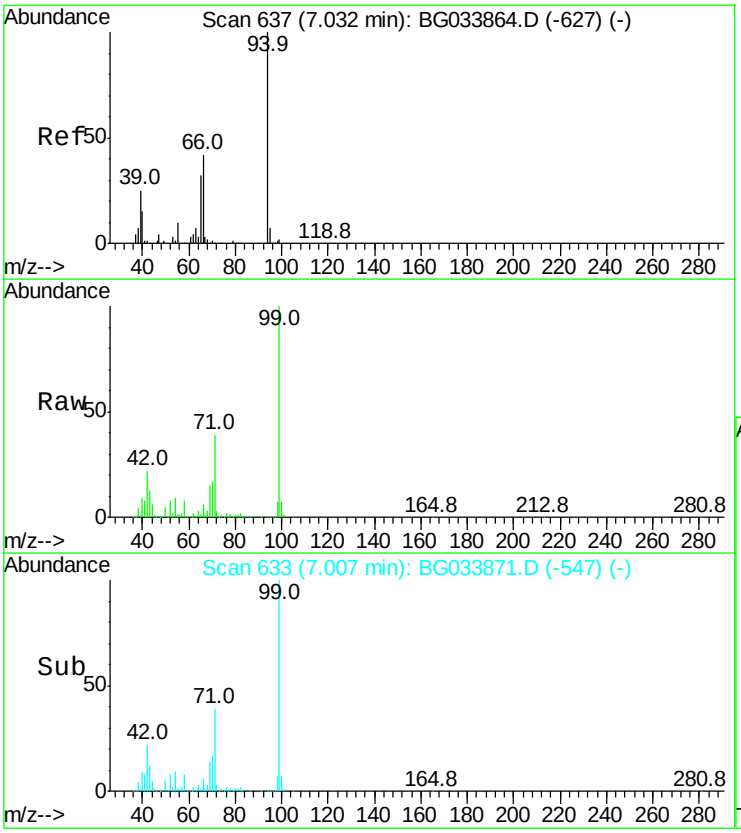
#9
Benzaldehyde
Concen: Below Cal
RT: 7.01 min Scan# 633
Delta R.T. 0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1485

Ion	Ratio	Lower	Upper
77	100		
105	26.8	71.3	111.3#
106	0.0	64.2	104.2#

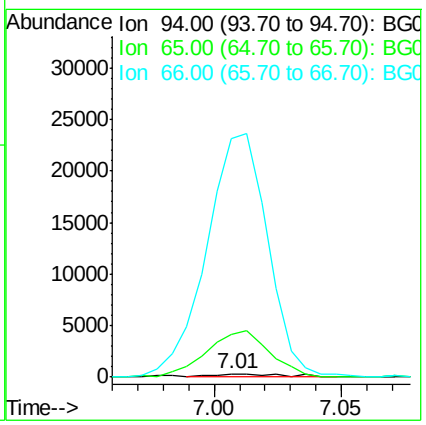


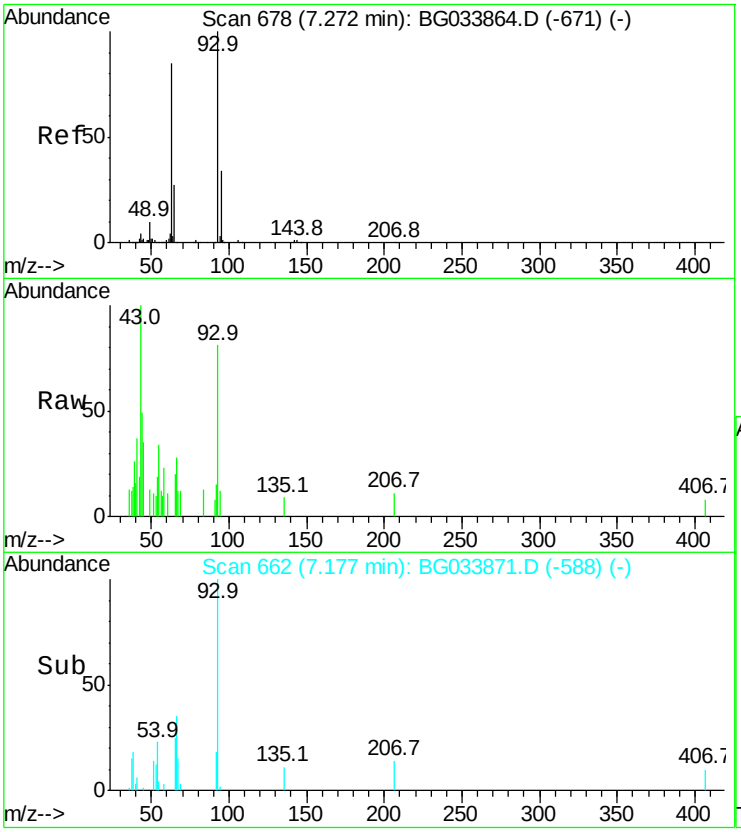


#10
Phenol
Concen: 0.091 ng
RT: 7.01 min Scan# 633
Delta R.T. -0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion: 94 Resp: 614

Ion	Ratio	Lower	Upper
94	100		
65	1297.5	11.9	51.9#
66	7344.8	22.2	62.2#



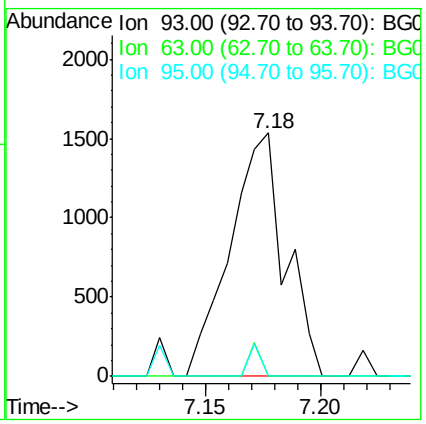


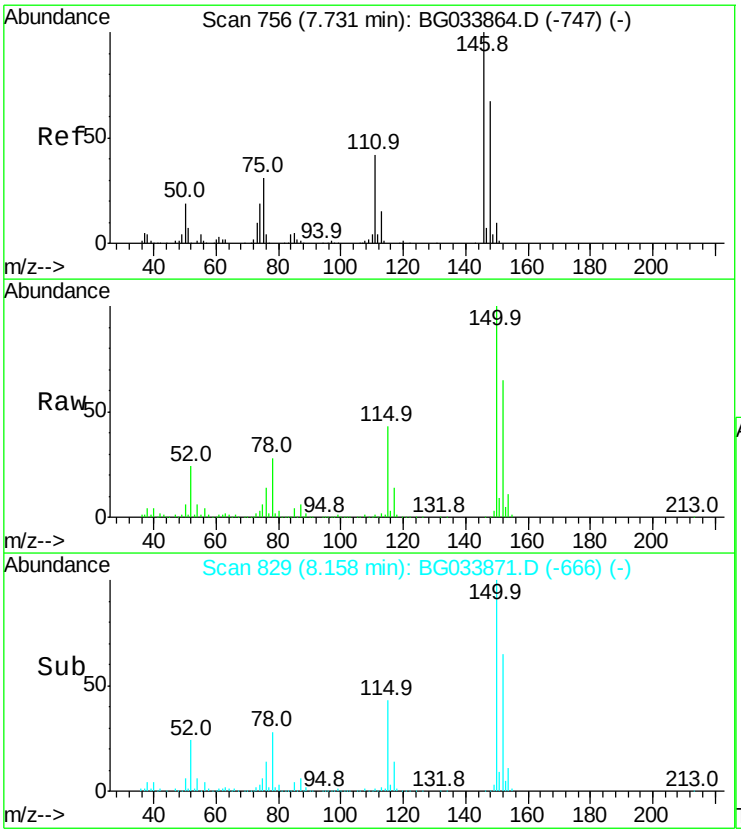
#11
bis(2-Chloroethyl)ether
Concen: 0.496 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.10 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 2547

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

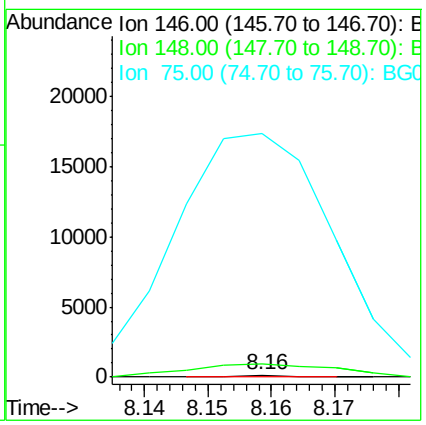


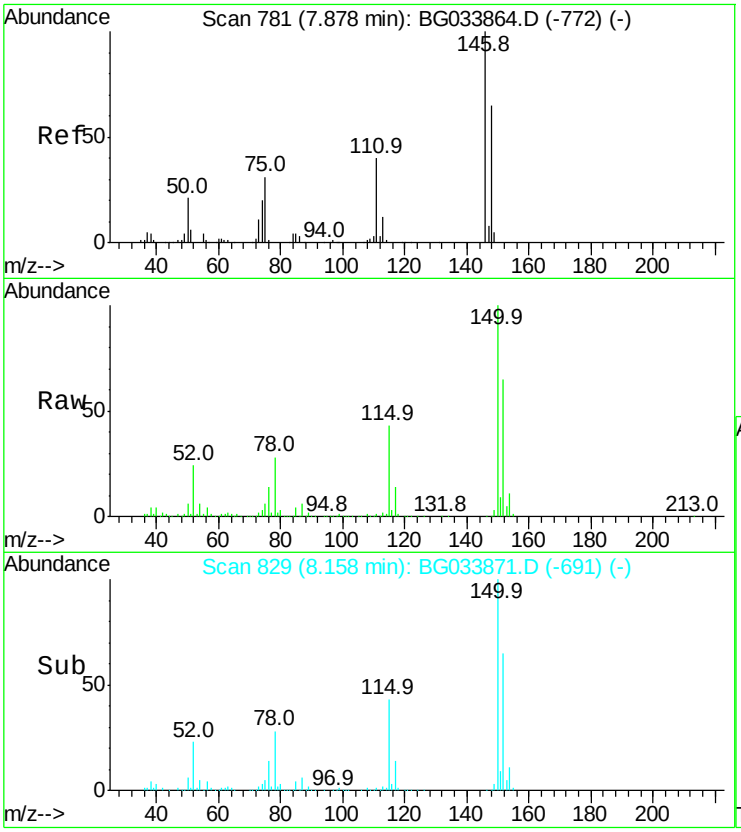


#12
1,3-Dichlorobenzene
Concen: 0.009 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.43 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	602.0	51.4	77.2#
75	11351.6	26.6	39.8#



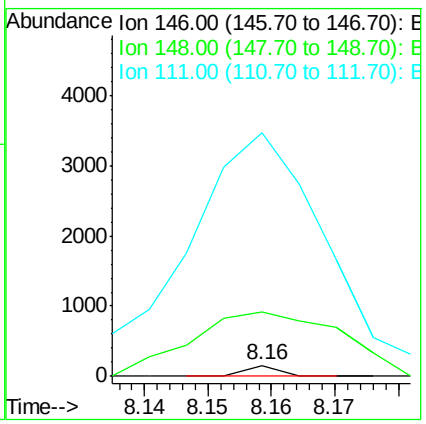


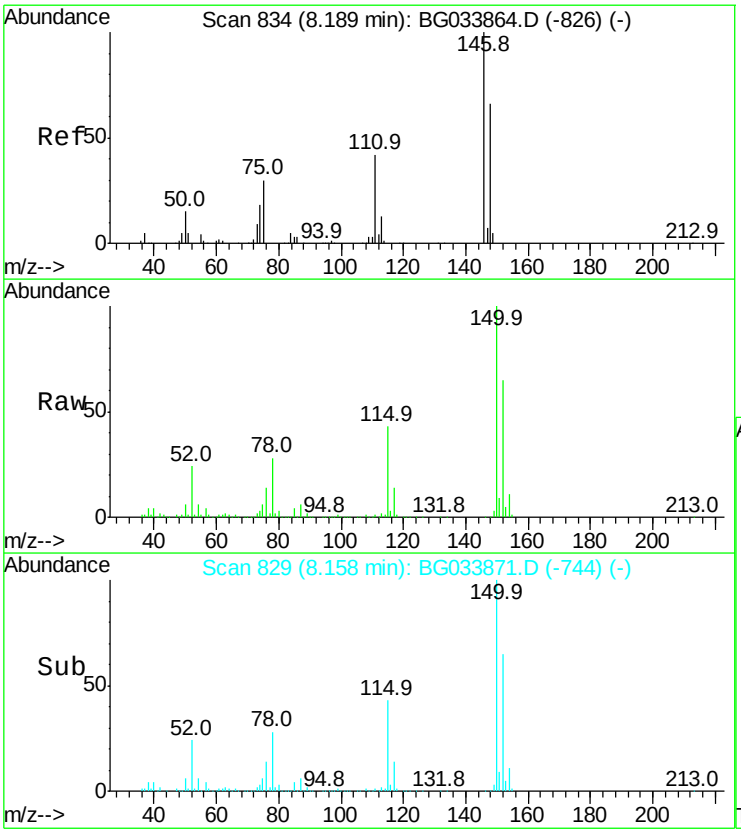
#13
1,4-Dichlorobenzene
Concen: 0.009 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.28 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	602.0	53.7	80.5#
111	2266.7	35.2	52.8#

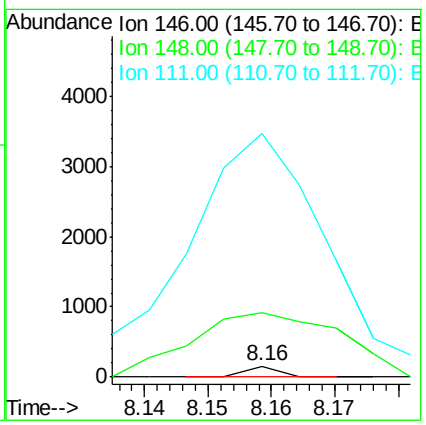


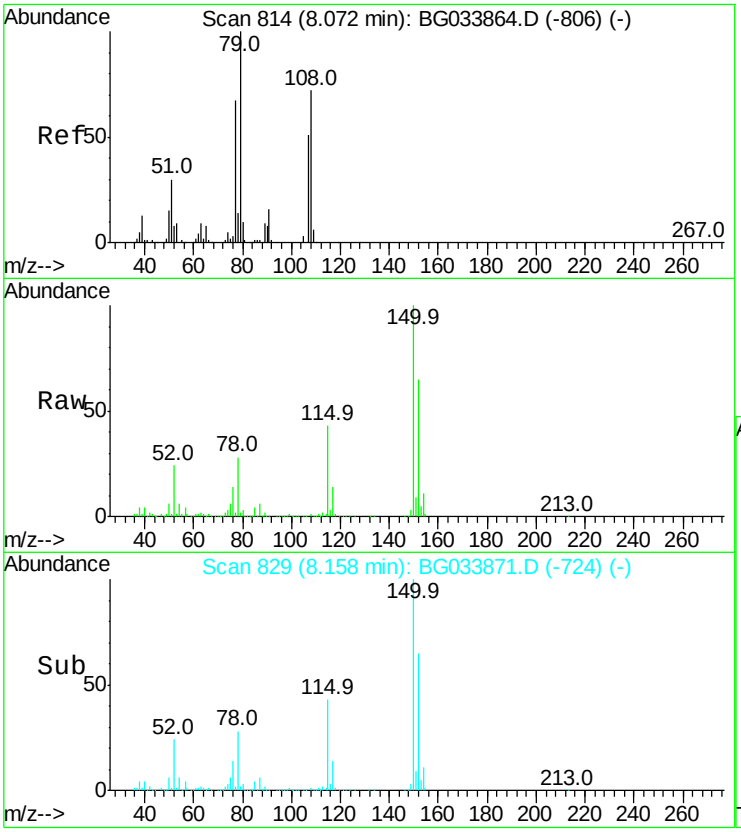


#14
1,2-Dichlorobenzene
Concen: 0.009 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.03 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	602.0	49.3	73.9#
111	2266.7	34.3	51.5#



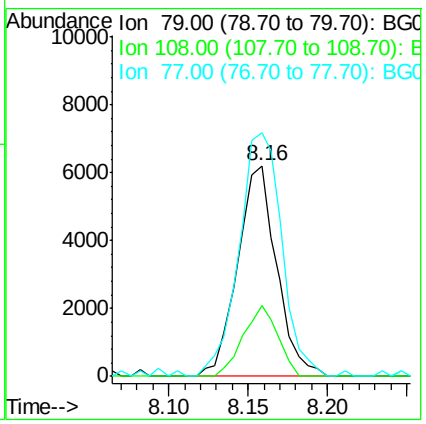


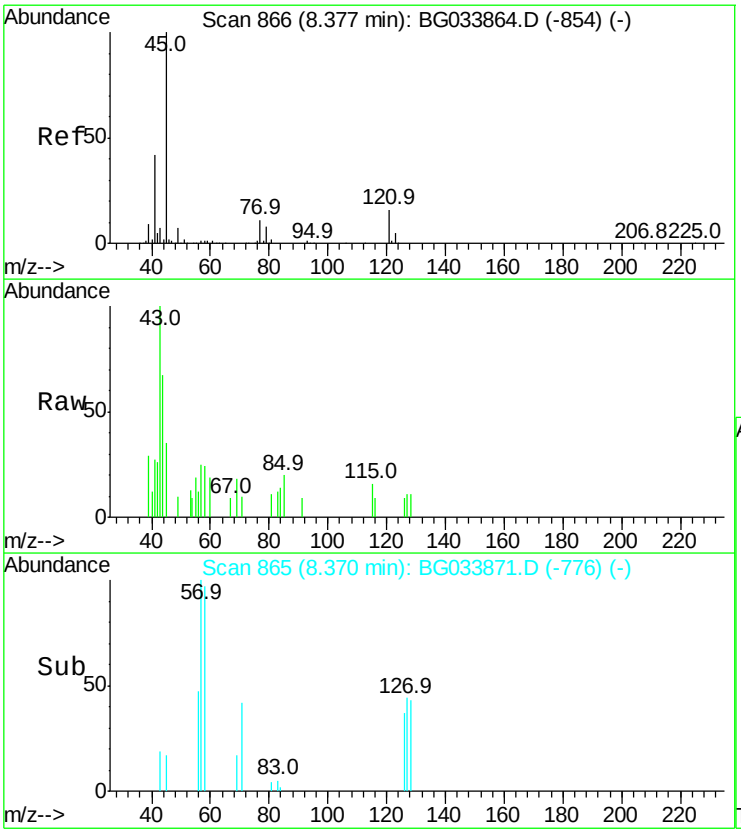
#15
Benzyl Alcohol
Concen: 1.857 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.09 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 10606

Ion	Ratio	Lower	Upper
79	100		
108	33.8	57.2	85.8#
77	115.7	46.1	69.1#

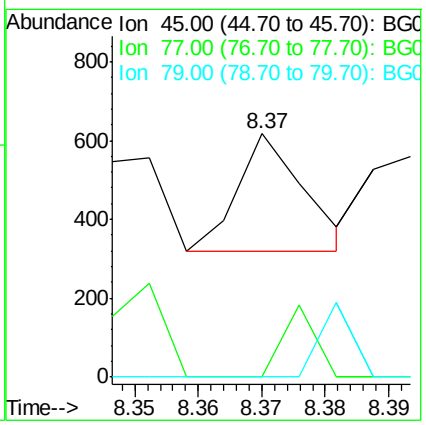


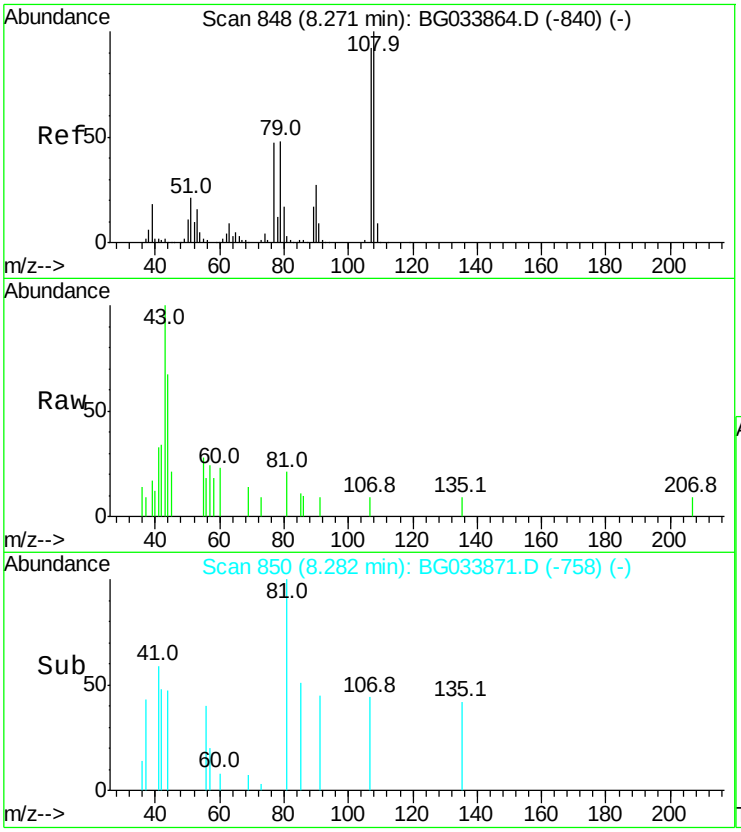


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.022 ng
RT: 8.37 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion: 45 Resp: 216

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



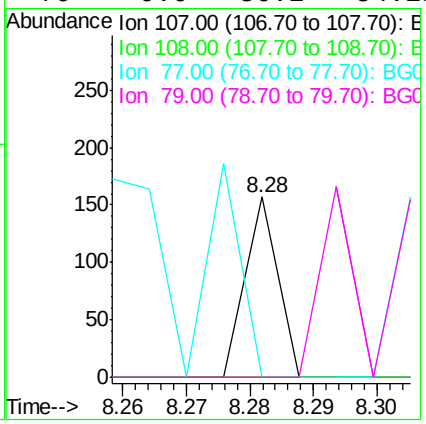


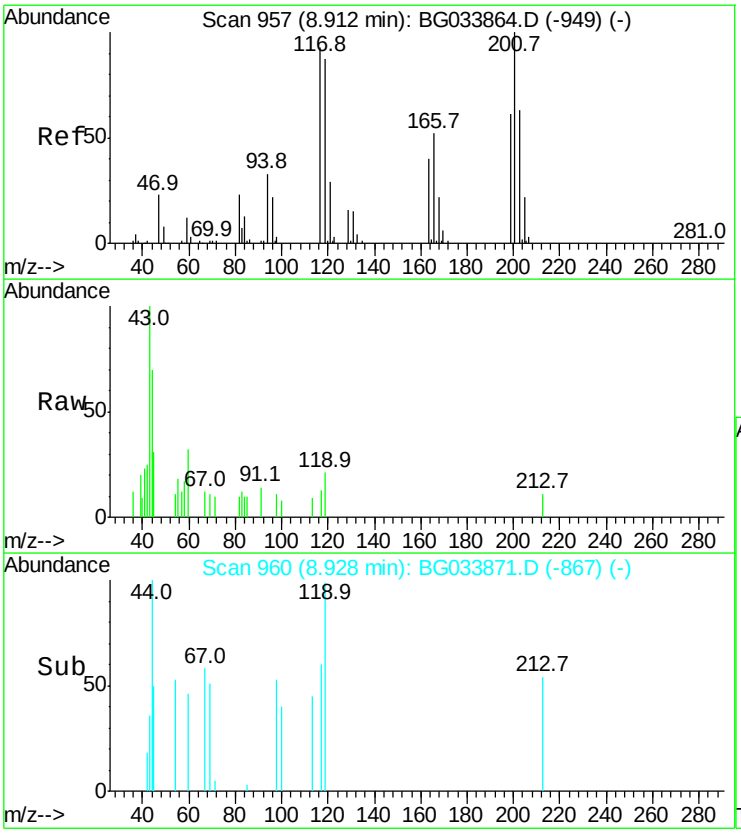
#17
2-Methylphenol
Concen: 0.011 ng
RT: 8.28 min Scan# 850
Delta R.T. 0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 55

Ion	Ratio	Lower	Upper
107	100		
108	0.0	83.9	125.9#
77	0.0	37.2	55.8#
79	0.0	36.2	54.2#

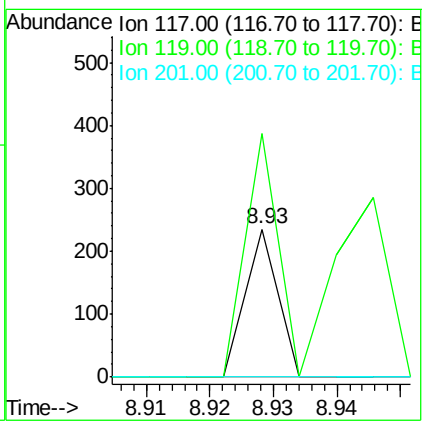


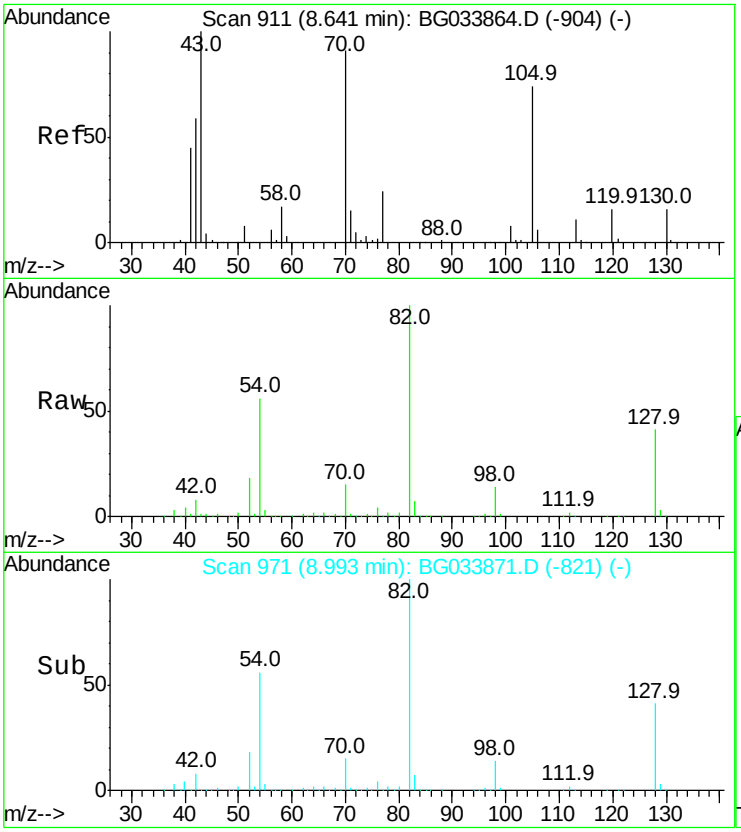


#18
Hexachloroethane
Concen: 0.039 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:117 Resp: 83

Ion	Ratio	Lower	Upper
117	100		
119	164.7	76.7	115.1#
201	0.0	95.7	143.5#



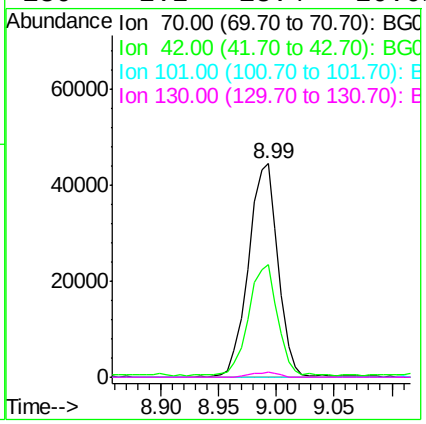


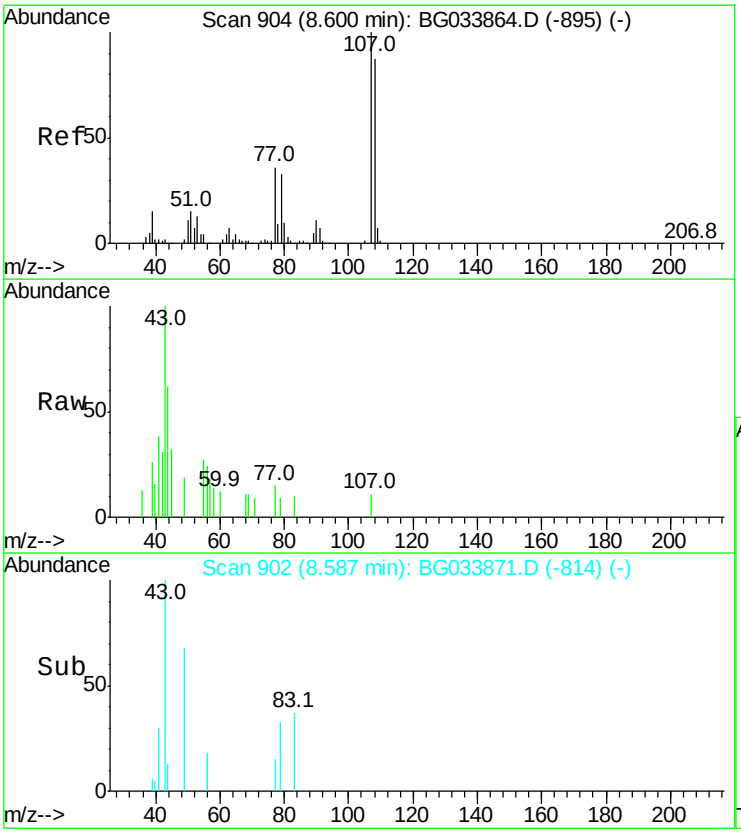
#19
n-Nitroso-di-n-propylamine
Concen: 14.258 ng
RT: 8.99 min Scan# 971
Delta R.T. 0.35 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 79619

Ion	Ratio	Lower	Upper
70	100		
42	52.5	49.1	73.7
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

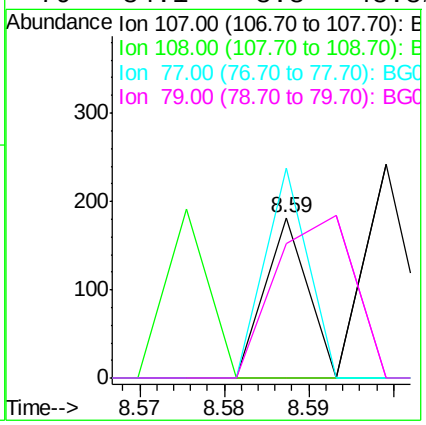


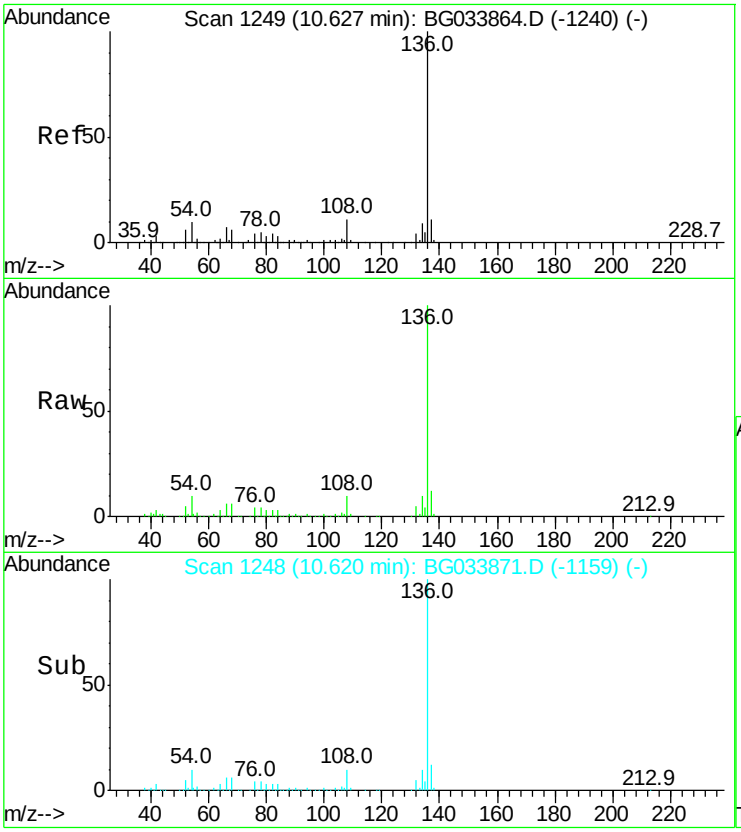


#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:107 Resp: 64

Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	130.8	13.9	53.9#
79	84.1	8.8	48.8#



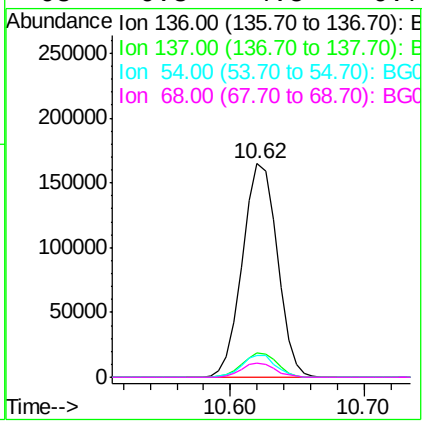


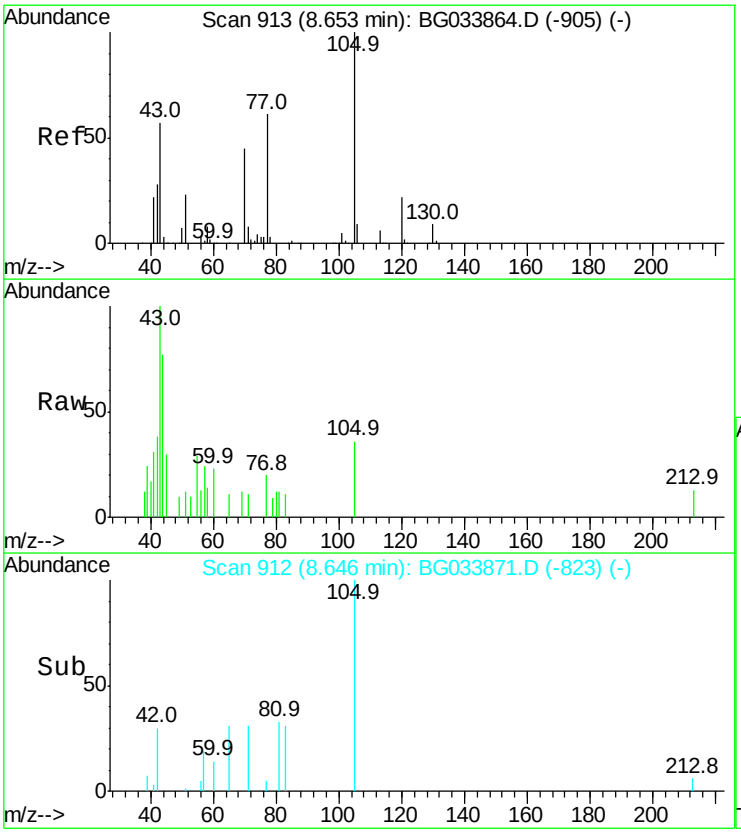
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 296741

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	11.0	10.3	15.5
68	6.3	4.5	6.7

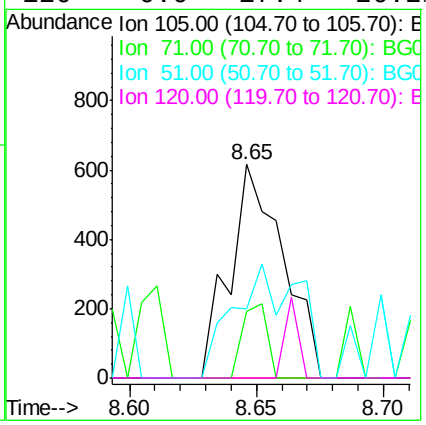


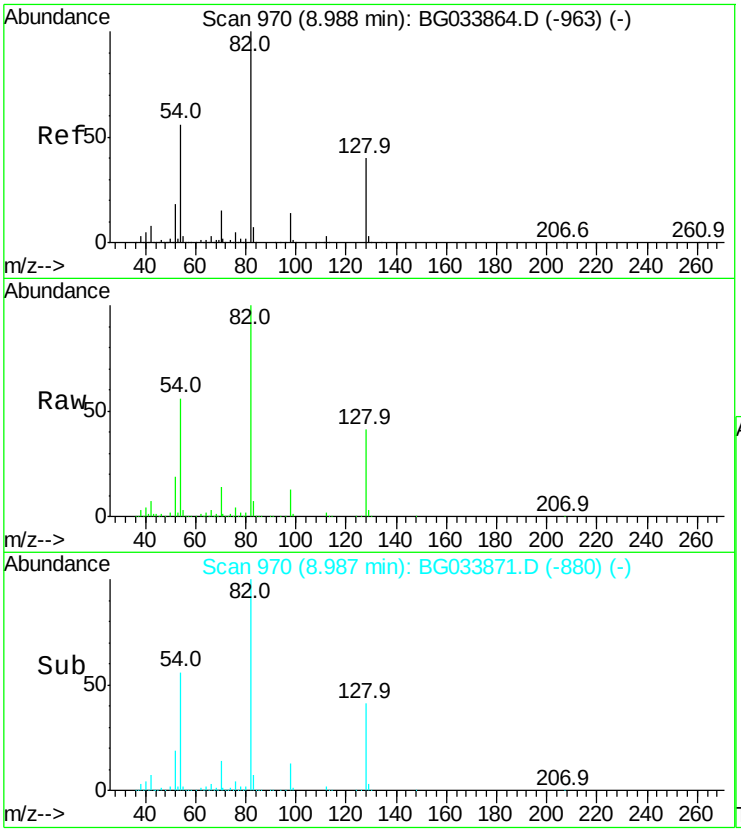


#22
Acetophenone
Concen: 0.112 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:105 Resp: 901

Ion	Ratio	Lower	Upper
105	100		
71	31.5	3.0	4.4#
51	32.6	26.1	39.1
120	0.0	17.4	26.2#



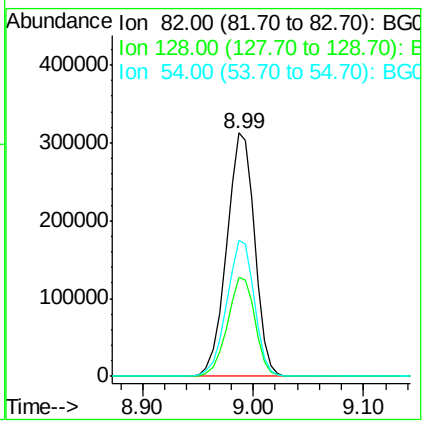


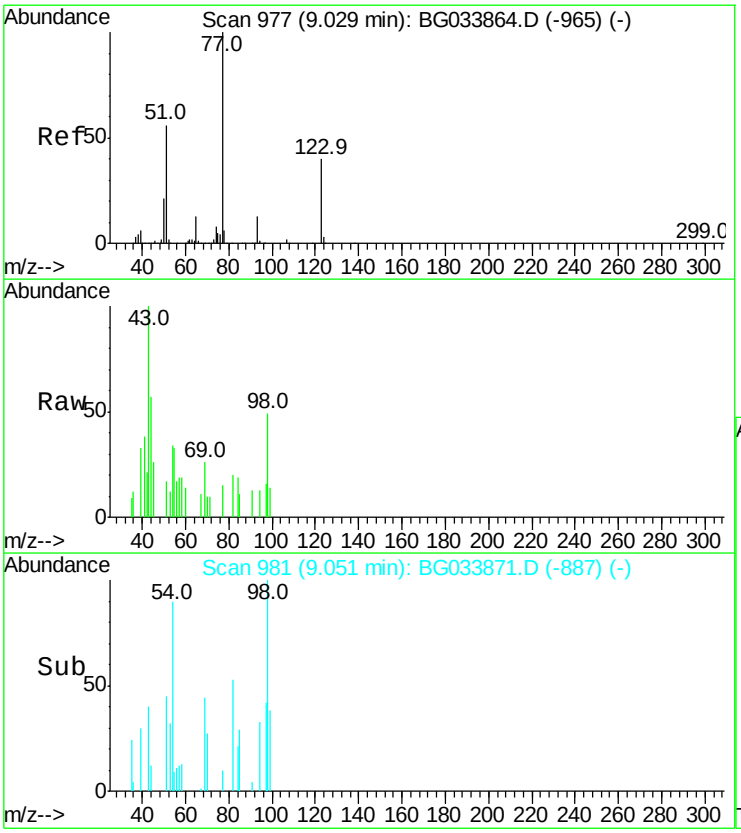
#23
Nitrobenzene-d5
Concen: 106.164 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 553564

Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.7	44.5
54	55.9	43.1	64.7

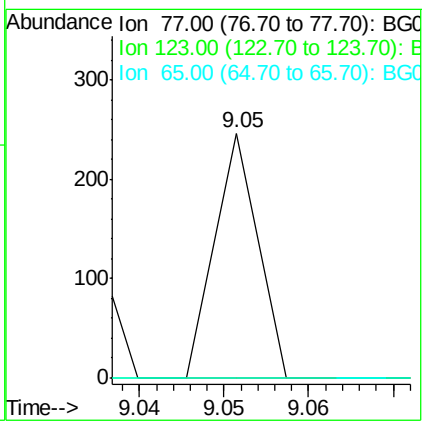


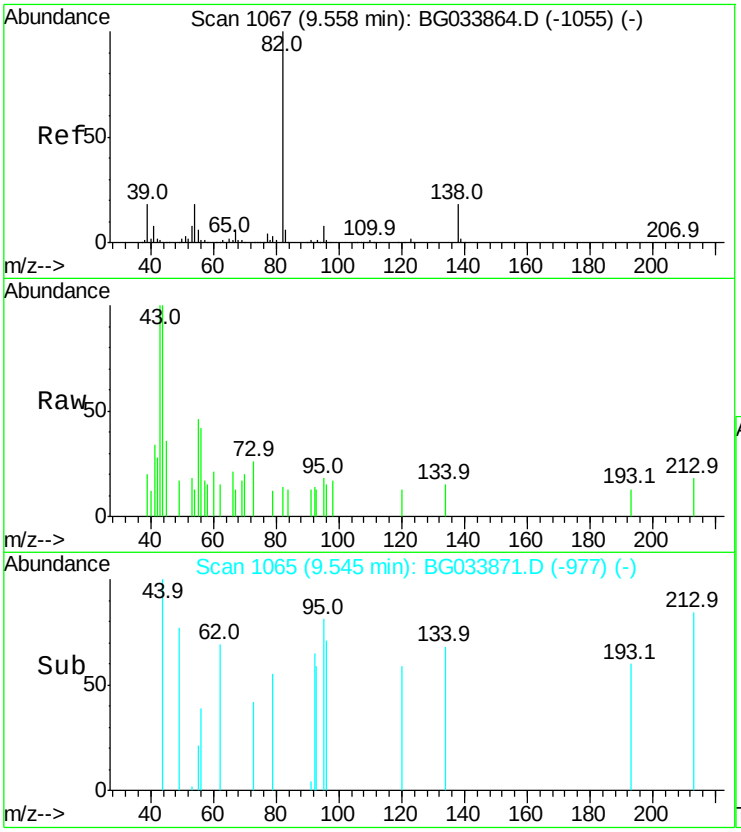


#24
Nitrobenzene
Concen: 0.015 ng
RT: 9.05 min Scan# 981
Delta R.T. 0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion: 77 Resp: 87

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



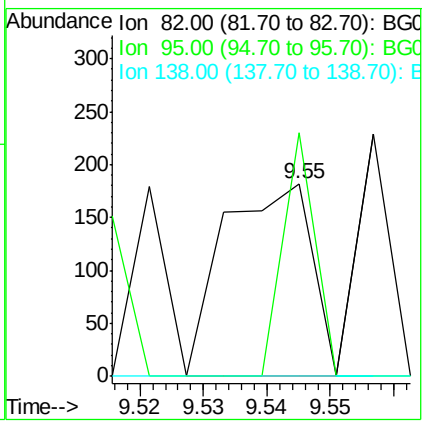


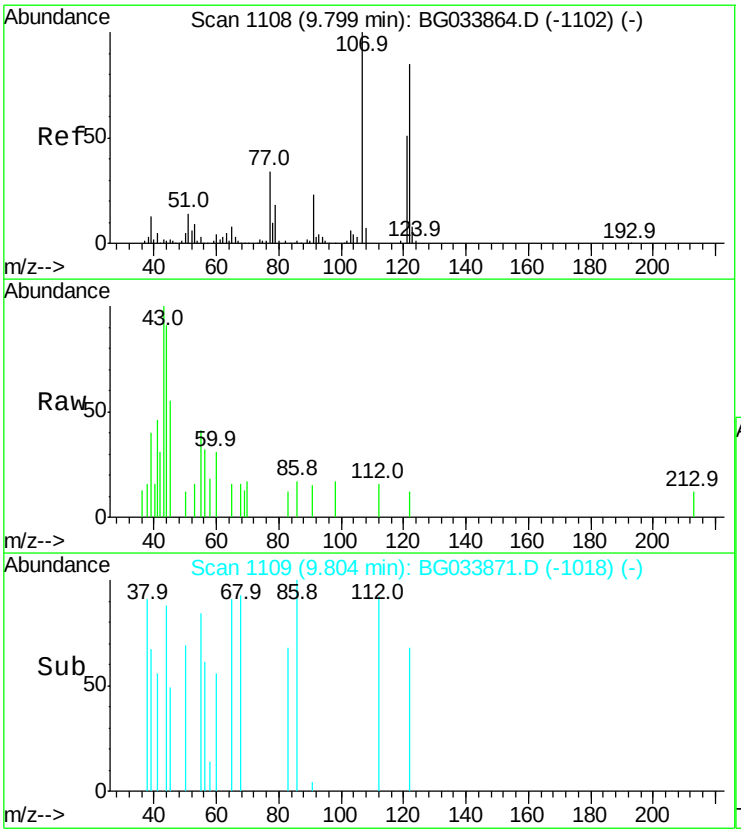
#25
Isophorone
Concen: 0.015 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 174

Ion	Ratio	Lower	Upper
82	100		
95	126.4	6.2	9.2#
138	0.0	12.1	18.1#

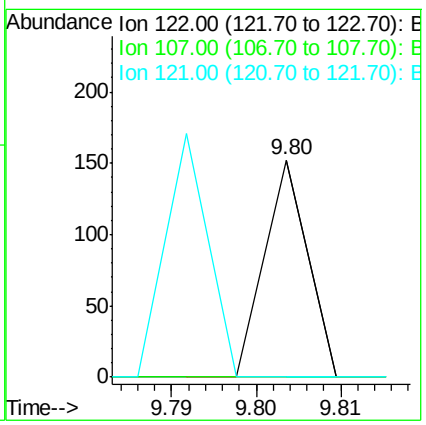


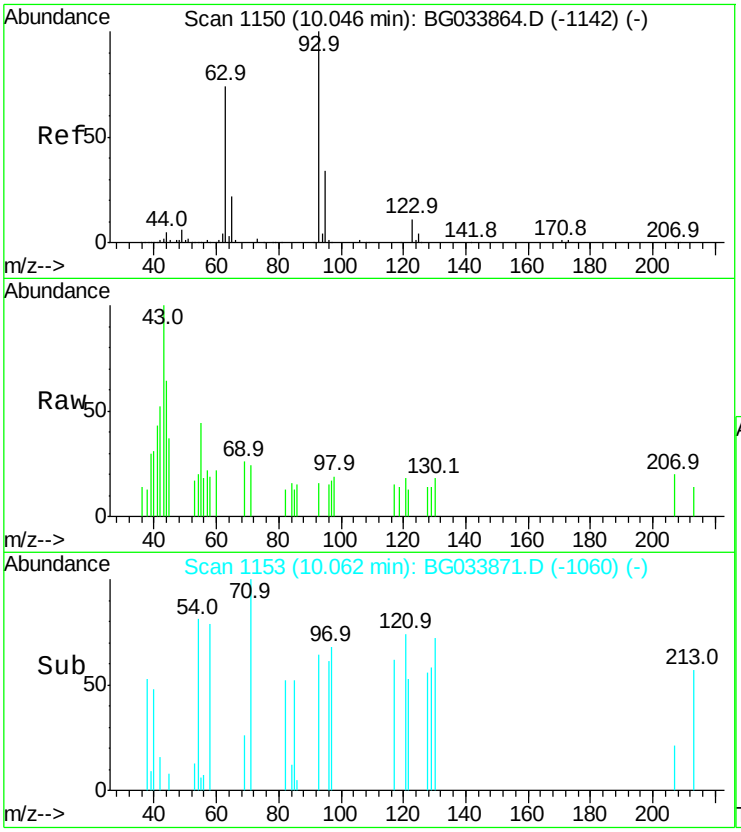


#27
2,4-Dimethylphenol
Concen: 0.013 ng
RT: 9.80 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:122 Resp: 54

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



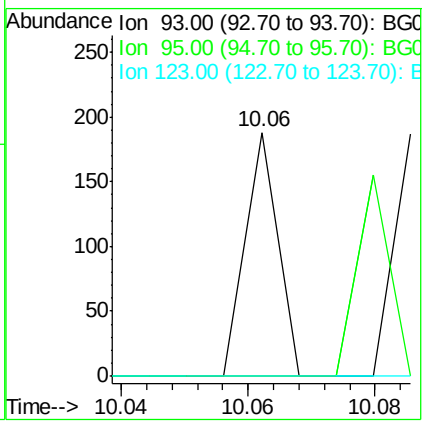


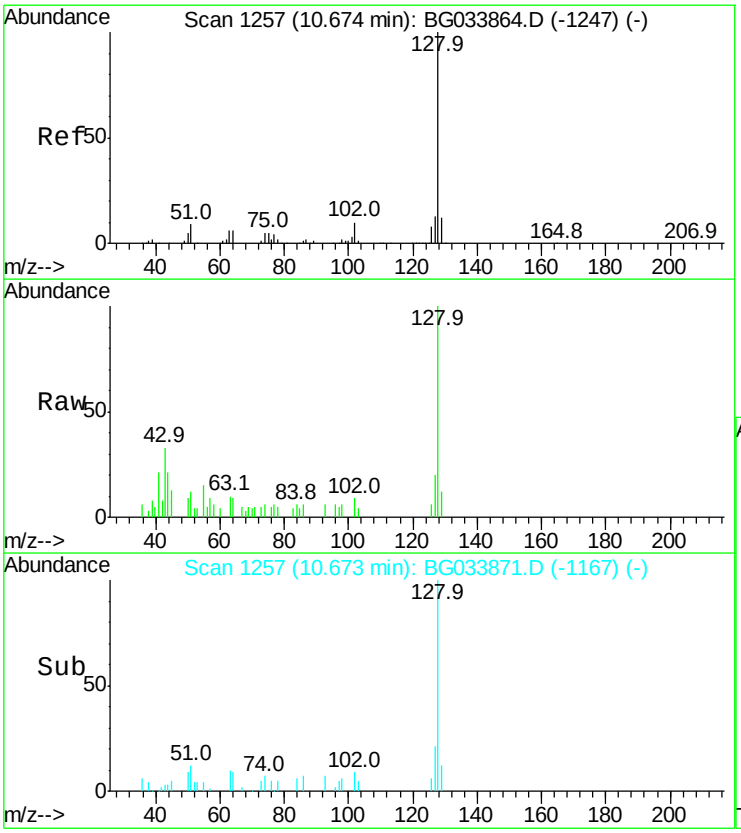
#28
bis(2-Chloroethoxy)methane
Concen: 0.011 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 66

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

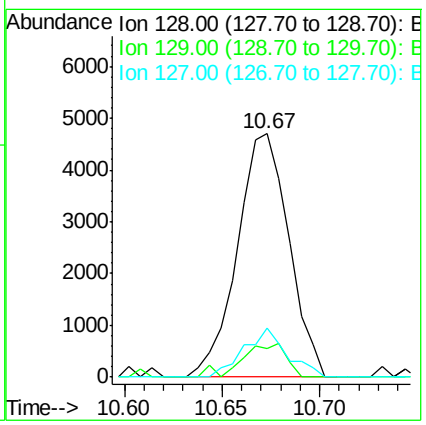


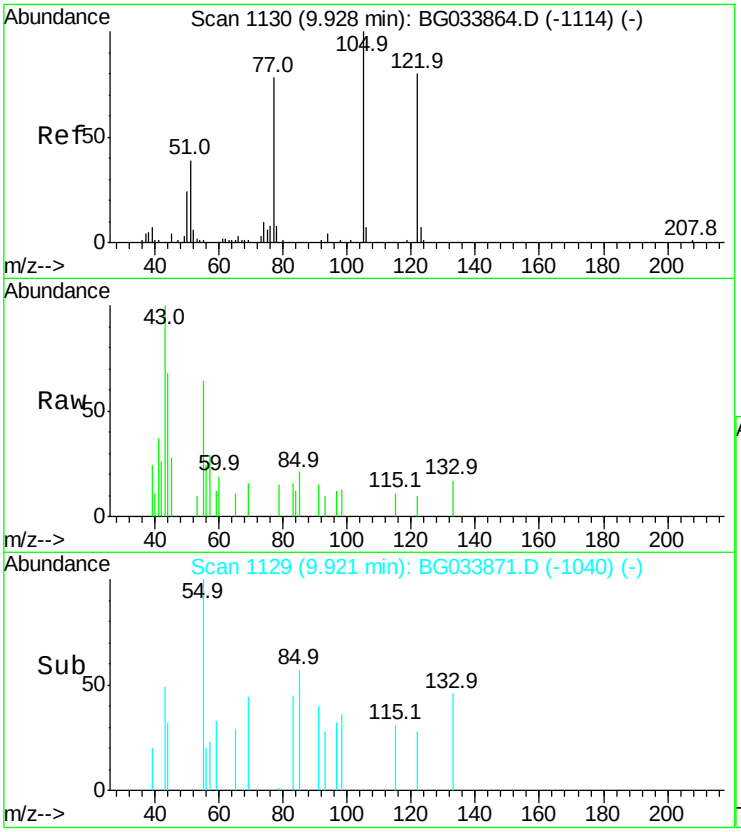


#31
Naphthalene
Concen: 0.562 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:128 Resp: 8579

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	20.3	11.6	17.4#



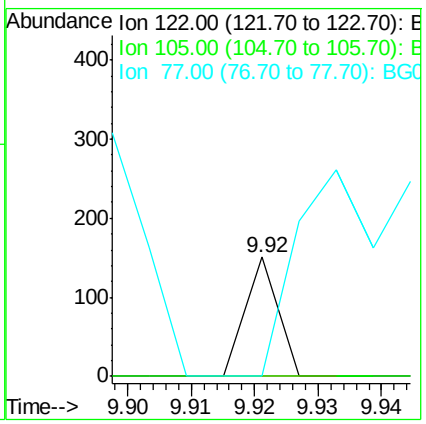


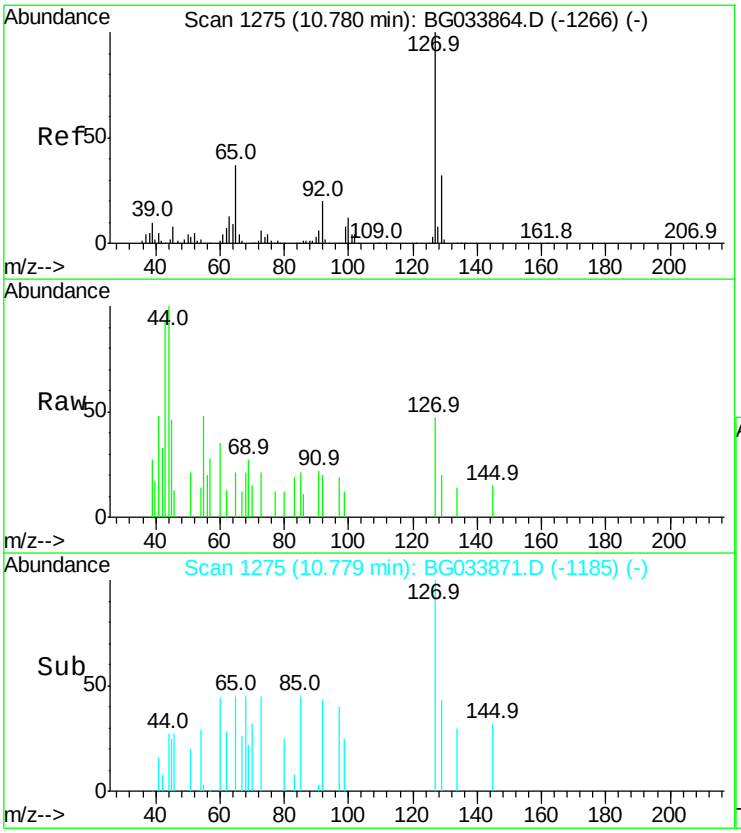
#32
Benzoic acid
Concen: 5.095 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 53

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

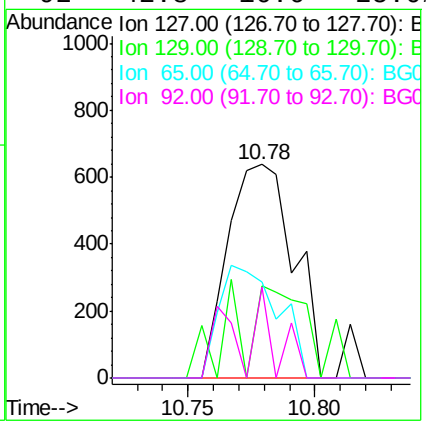


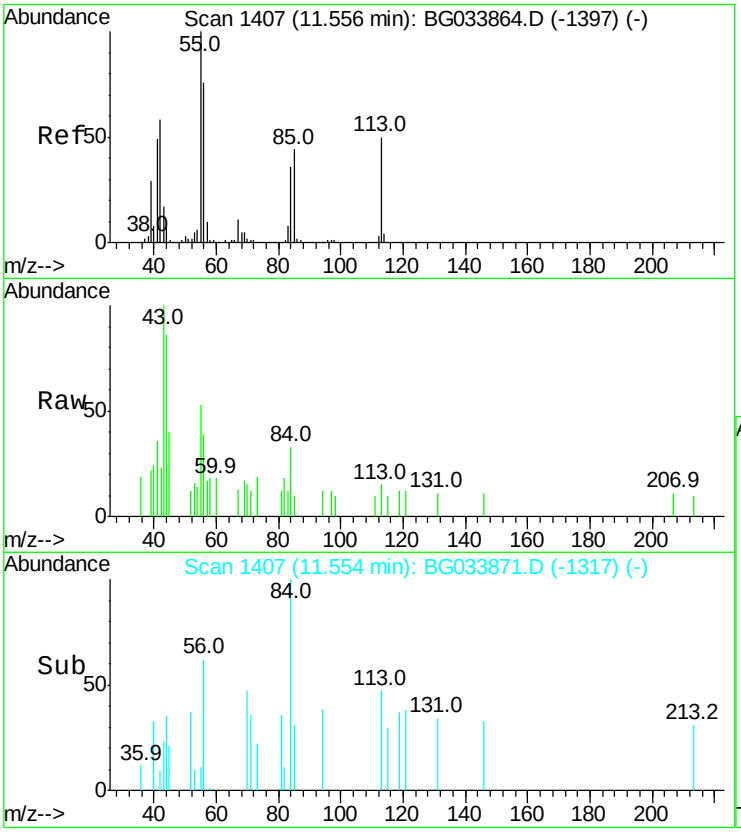


#33
4-Chloroaniline
Concen: 0.160 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:127 Resp: 1150

Ion	Ratio	Lower	Upper
127	100		
129	43.4	24.0	36.0#
65	44.8	27.0	40.4#
92	42.8	16.6	25.0#



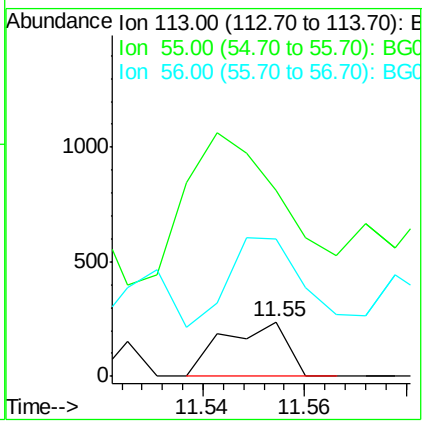


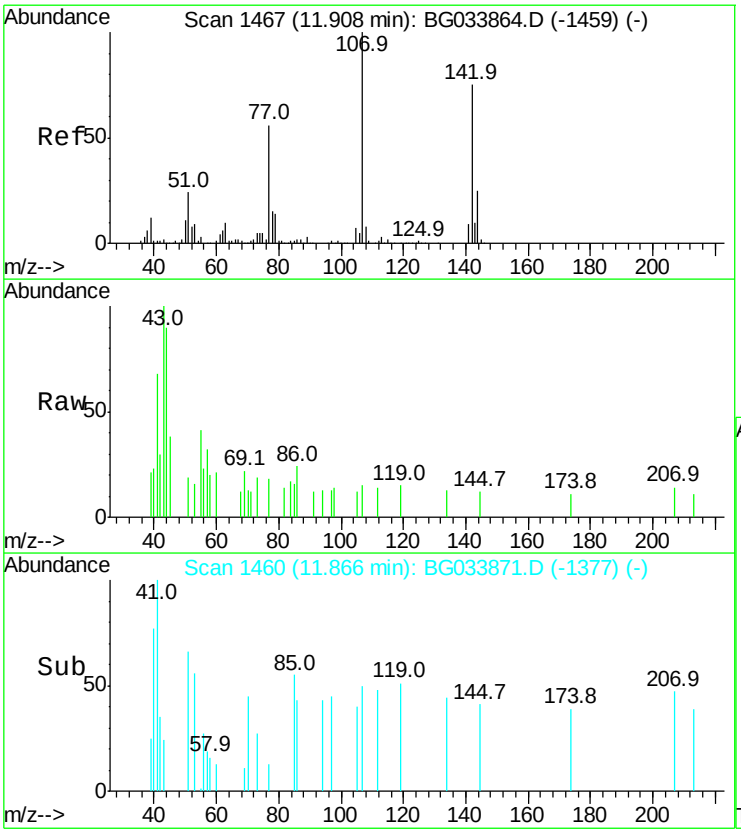
#35
Caprolactam
Concen: 0.105 ng
RT: 11.55 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 208

Ion	Ratio	Lower	Upper
113	100		
55	341.2	186.9	226.9#
56	252.5	130.9	170.9#

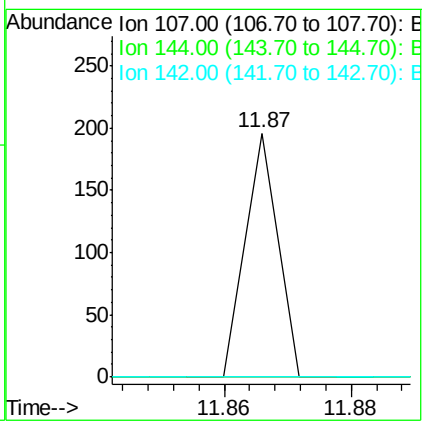


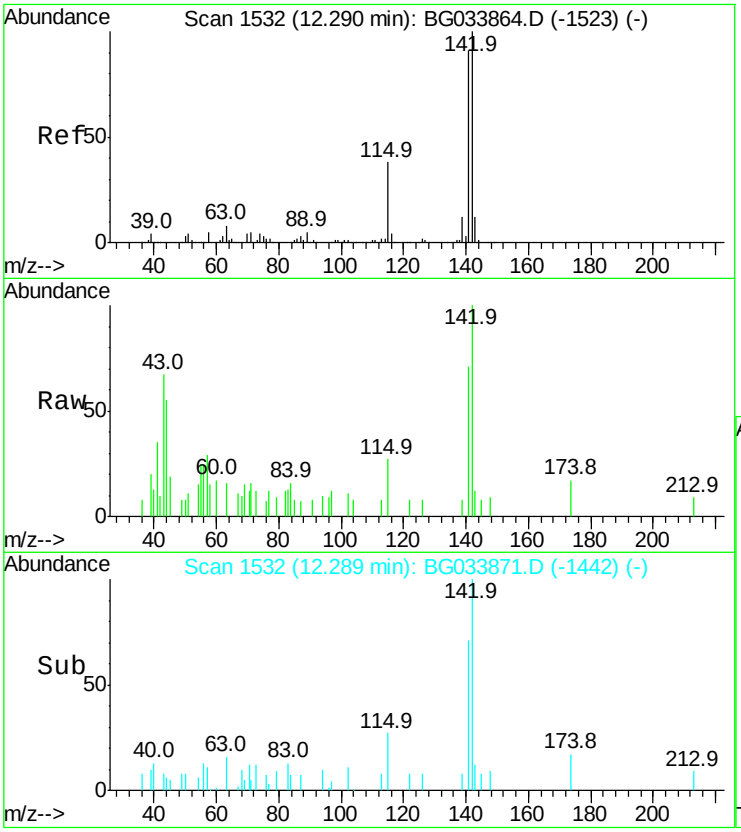


#36
4-Chloro-3-methylphenol
Concen: 0.012 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.04 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:107 Resp: 69

Ion	Ratio	Lower	Upper
107	100		
144	82.7	18.2	27.4#
142	0.0	59.0	88.4#



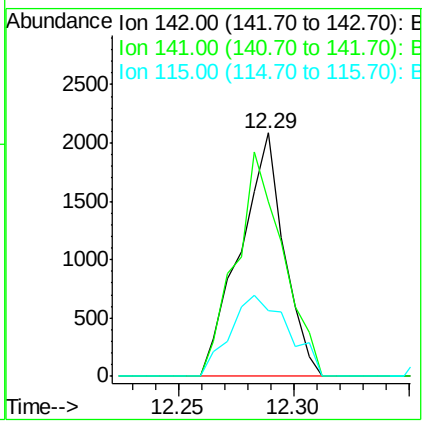


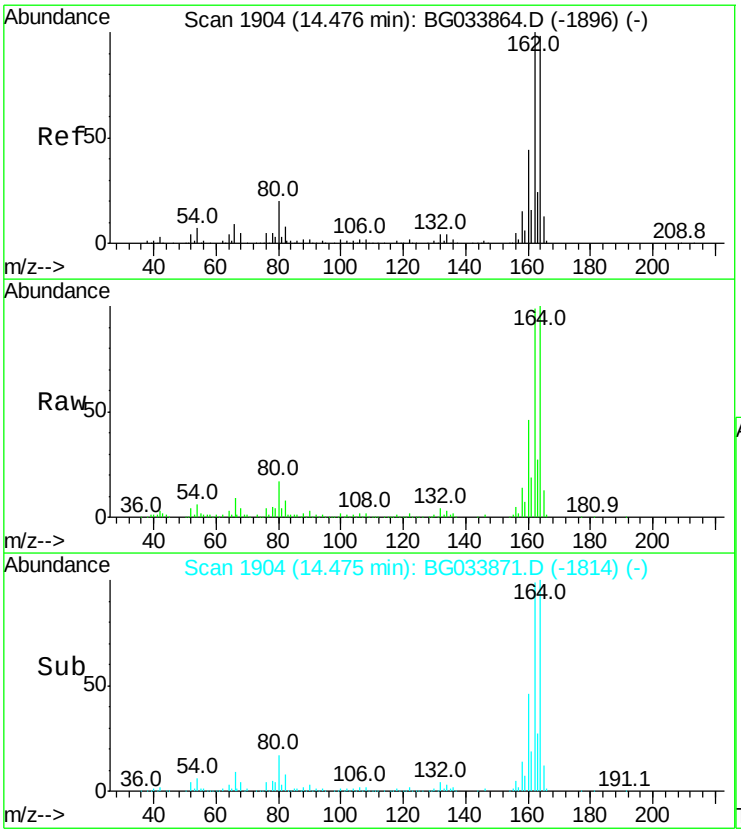
#37
2-Methylnaphthalene
Concen: 0.237 ng
RT: 12.29 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 2764

Ion	Ratio	Lower	Upper
142	100		
141	71.4	67.1	100.7
115	27.0	30.7	46.1#

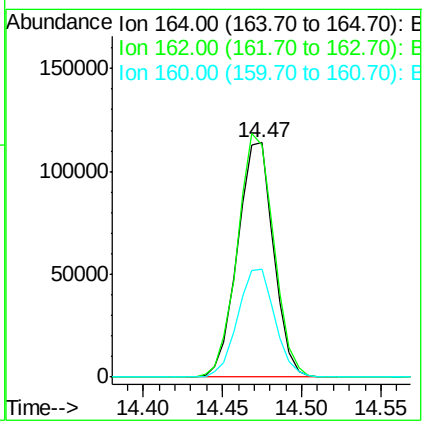


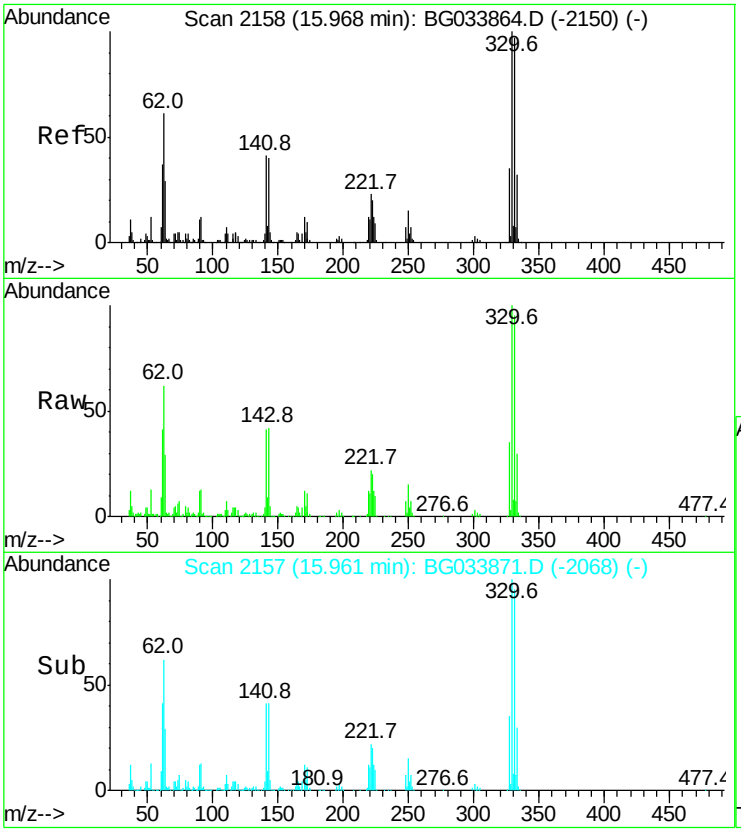


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:164 Resp: 179215

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	45.8	35.4	53.0



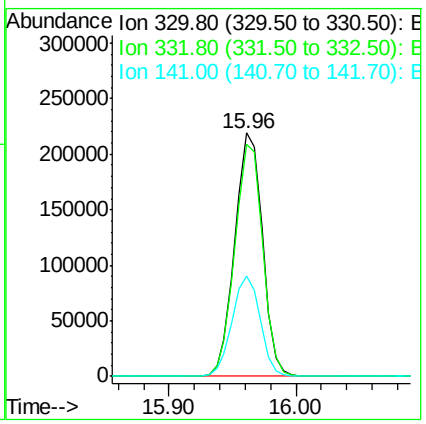


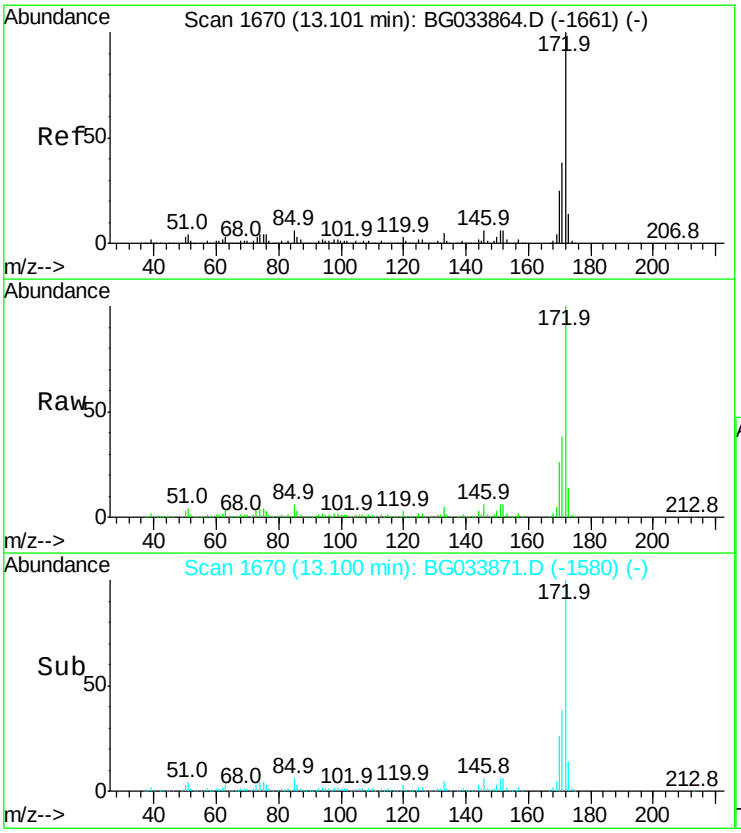
#41
2,4,6-Tribromophenol
Concen: 158.660 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 331730

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	41.6	25.2	37.8#

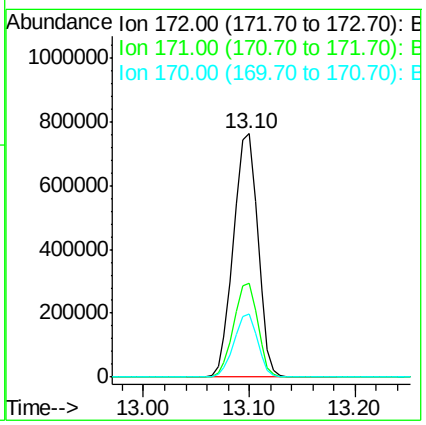


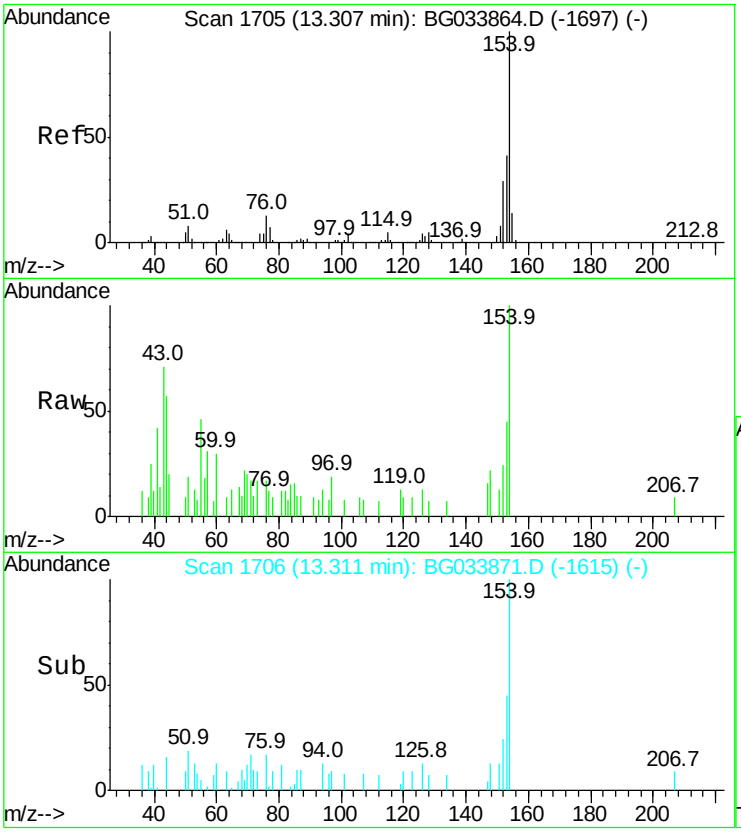


#44
2-Fluorobiphenyl
Concen: 99.757 ng
RT: 13.10 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:172 Resp: 1216999

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.9	19.5	29.3



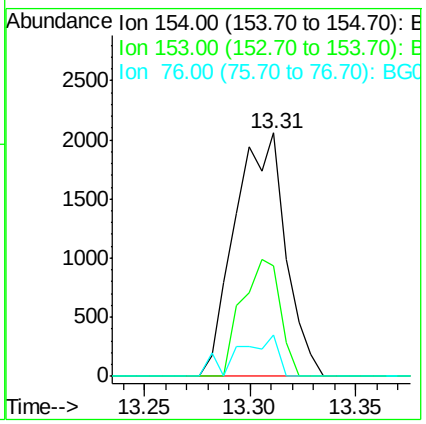


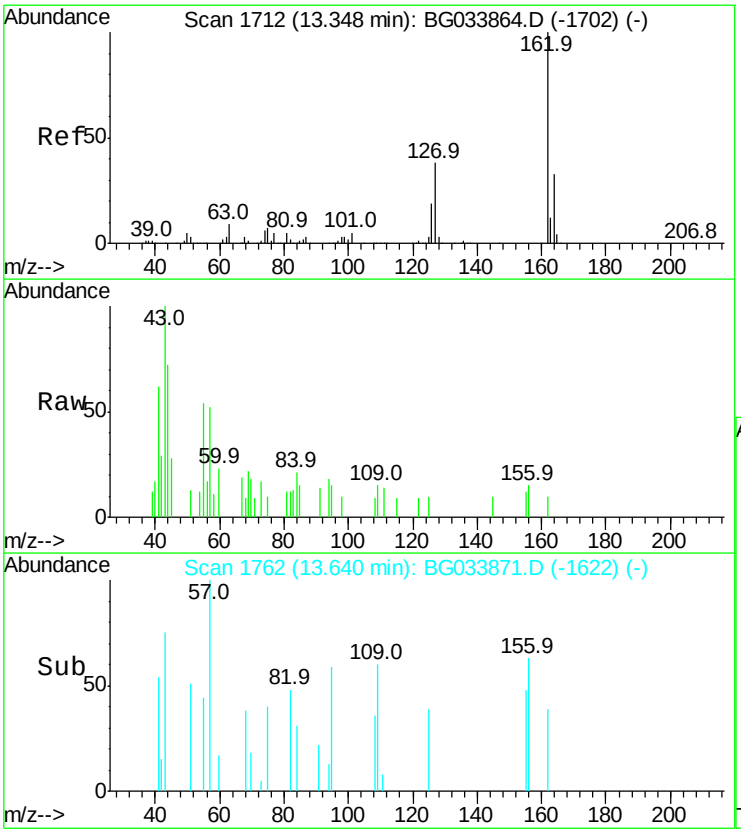
#45
1,1'-Biphenyl
Concen: 0.236 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 3423

Ion	Ratio	Lower	Upper
154	100		
153	45.4	19.8	59.8
76	16.8	0.0	31.9

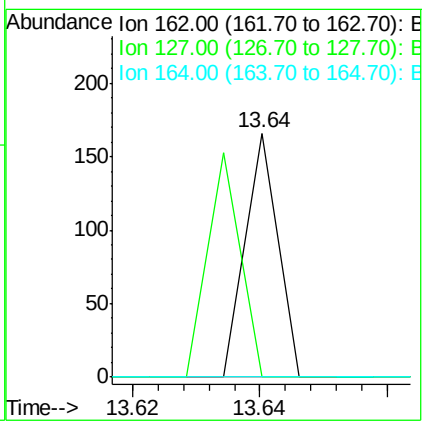


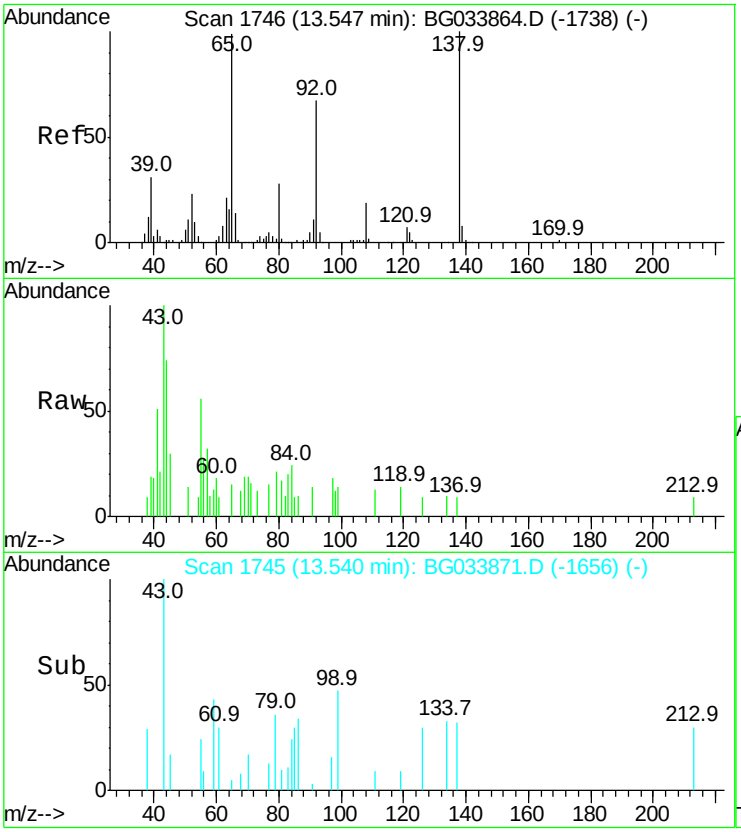


#46
2-Chloronaphthalene
Concen: 0.005 ng
RT: 13.64 min Scan# 1762
Delta R.T. 0.29 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:162 Resp: 59

Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.7	46.1#
164	0.0	26.0	39.0#



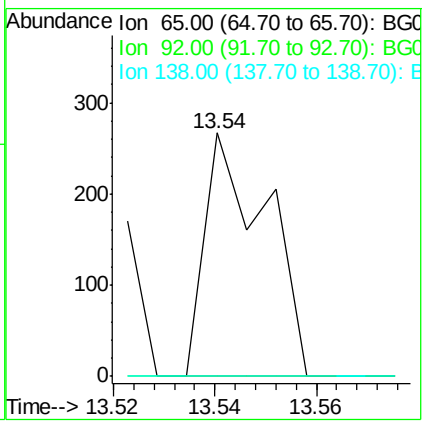


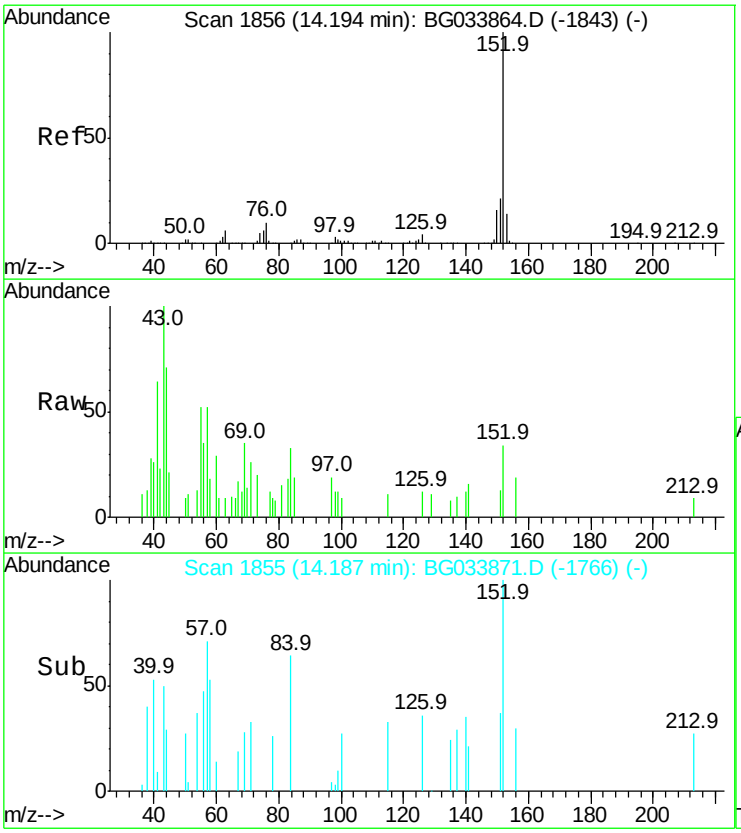
#47
2-Nitroaniline
Concen: 0.065 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 223

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

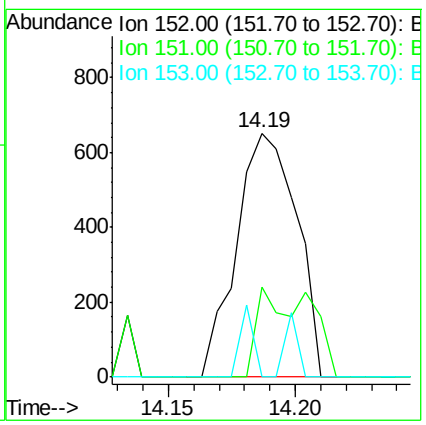


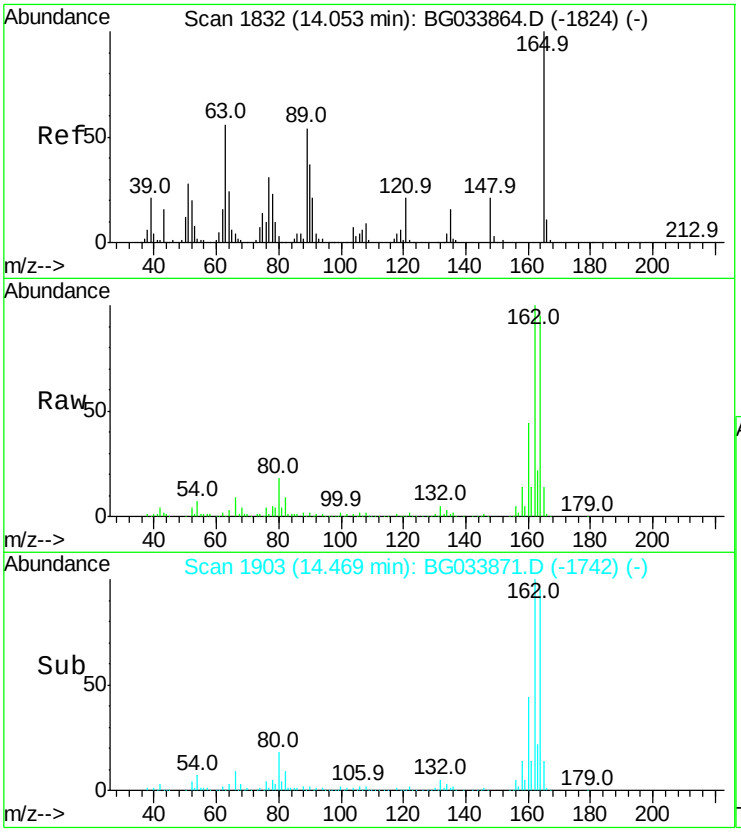


#48
Acenaphthylene
Concen: 0.059 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:152 Resp: 1077

Ion	Ratio	Lower	Upper
152	100		
151	37.0	17.2	25.8#
153	0.0	10.2	15.4#



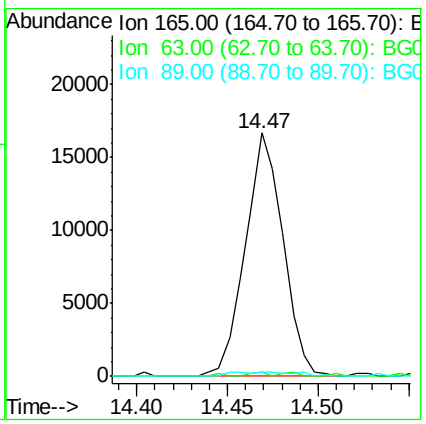


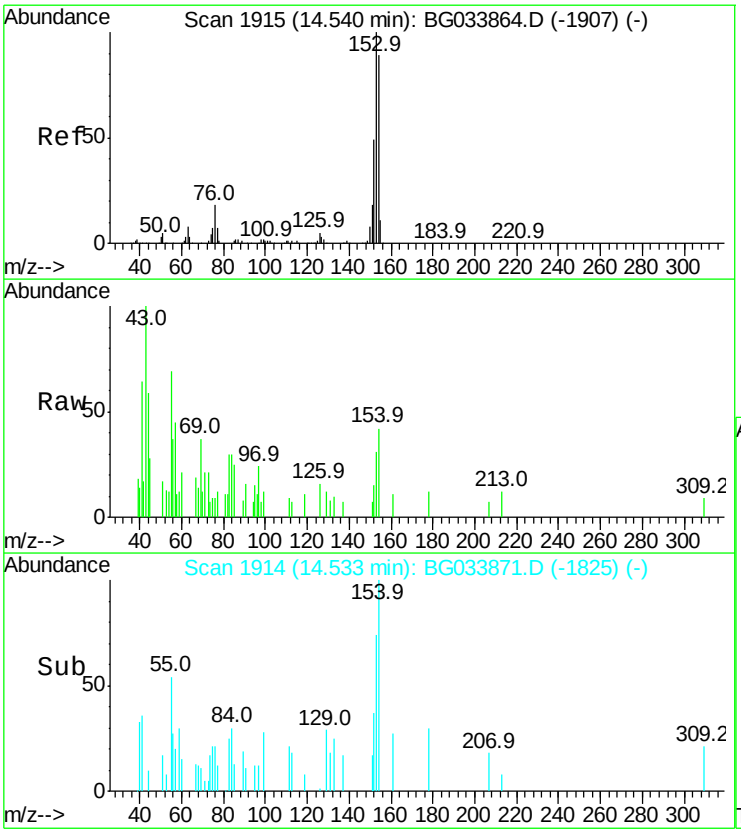
#50
2,6-Dinitrotoluene
Concen: 8.048 ng
RT: 14.47 min Scan# 1903
Delta R.T. 0.42 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24043

Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	1.9	49.2	73.8#

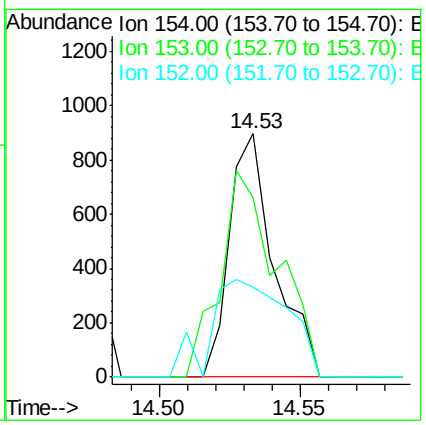


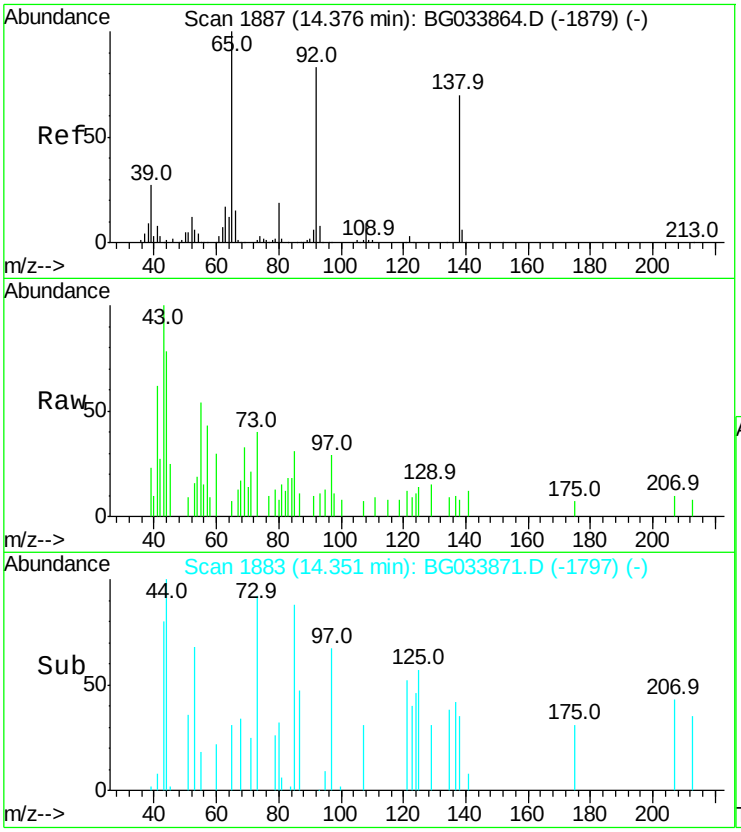


#51
Acenaphthene
Concen: 0.086 ng
RT: 14.53 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:154 Resp: 986

Ion	Ratio	Lower	Upper
154	100		
153	73.6	90.4	135.6#
152	36.9	41.6	62.4#



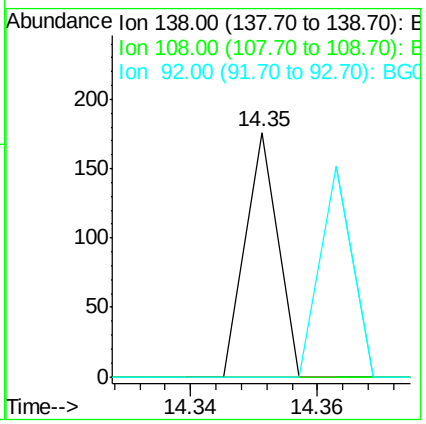


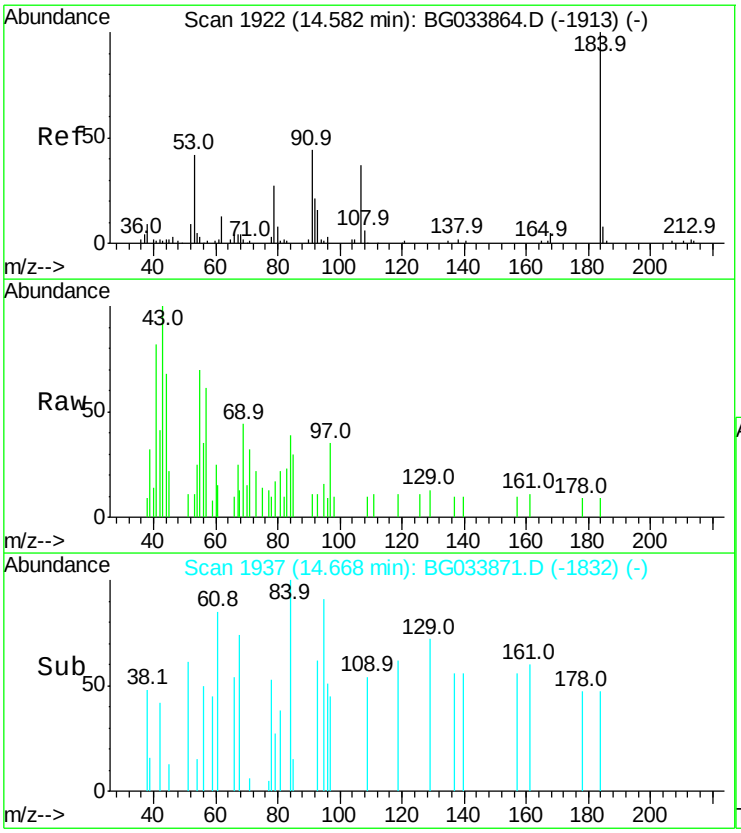
#52
3-Nitroaniline
Concen: 0.019 ng
RT: 14.35 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 62

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

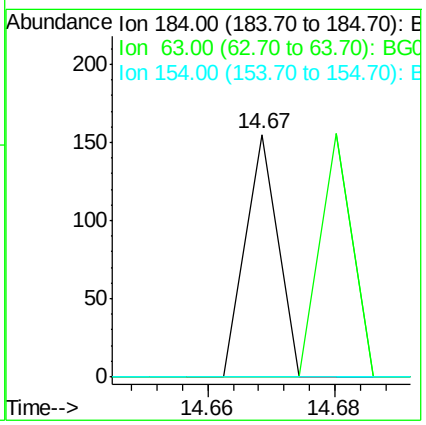


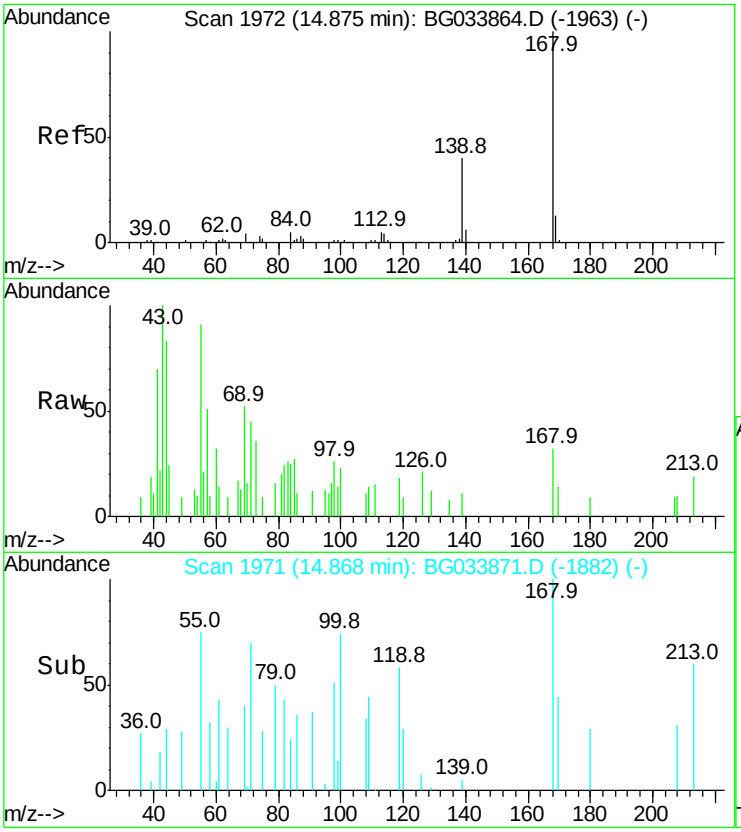


#53
2,4-Dinitrophenol
Concen: 0.051 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.09 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



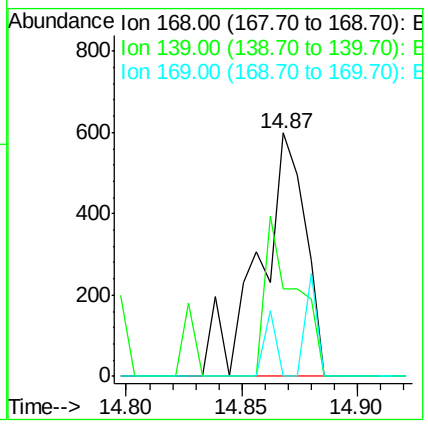


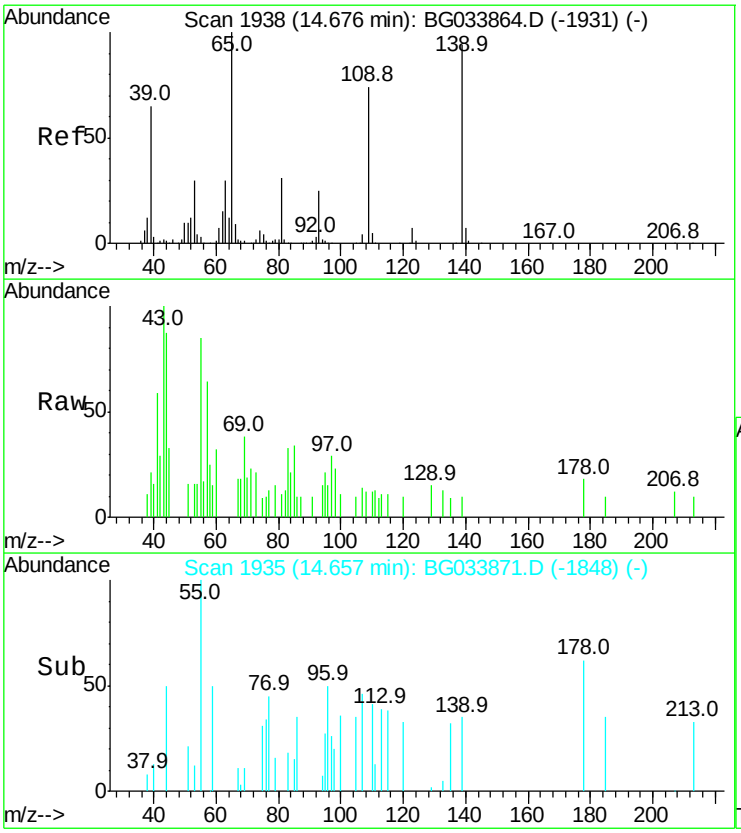
#54
Dibenzofuran
Concen: 0.049 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 826

Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.6	43.0
169	0.0	11.2	16.8#

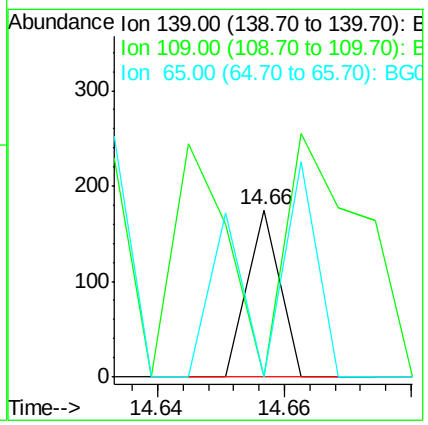


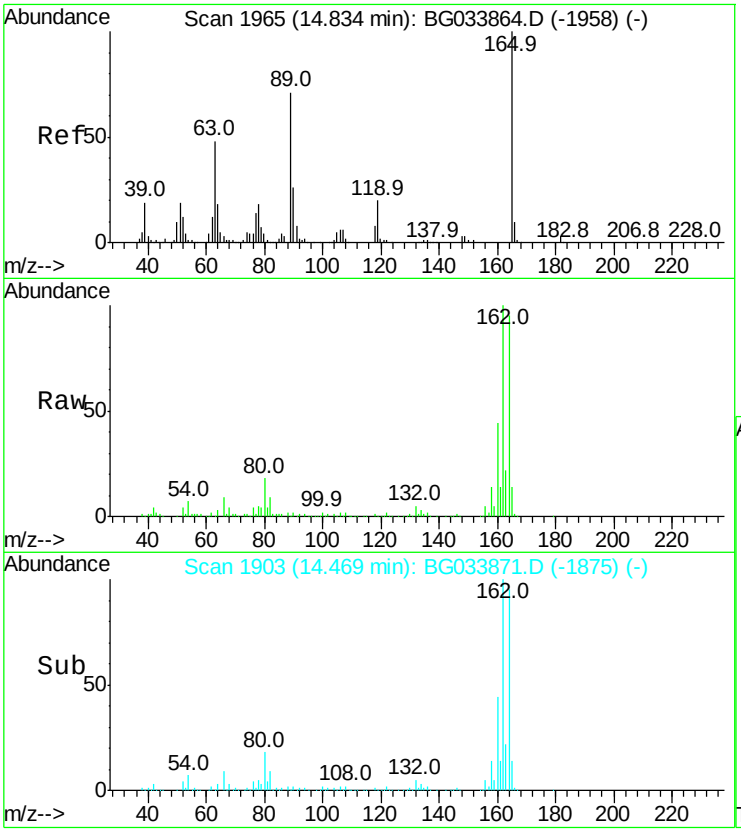


#55
4-Nitrophenol
Concen: 0.024 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:139 Resp: 62

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



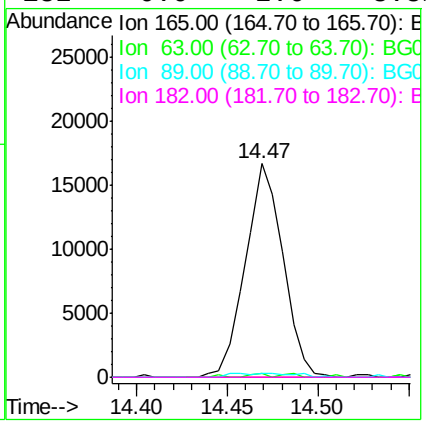


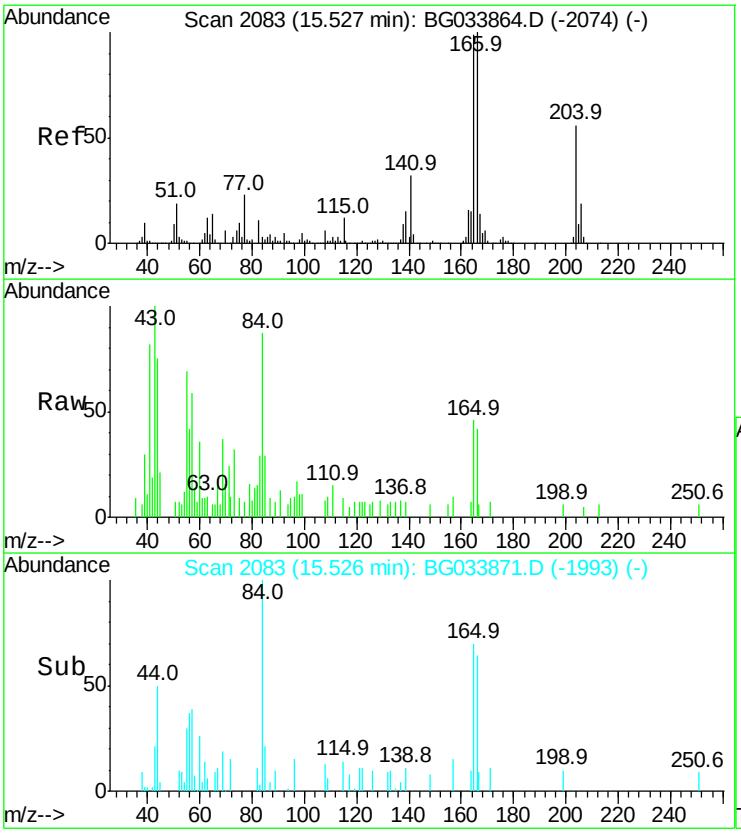
#56
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.37 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24043

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

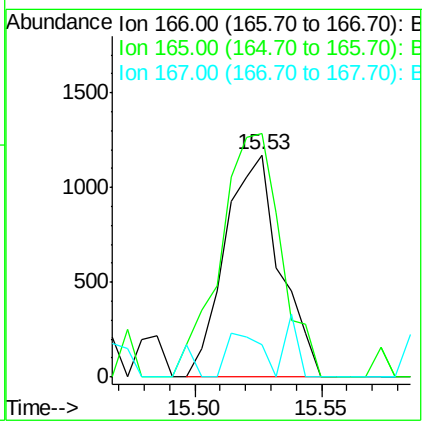


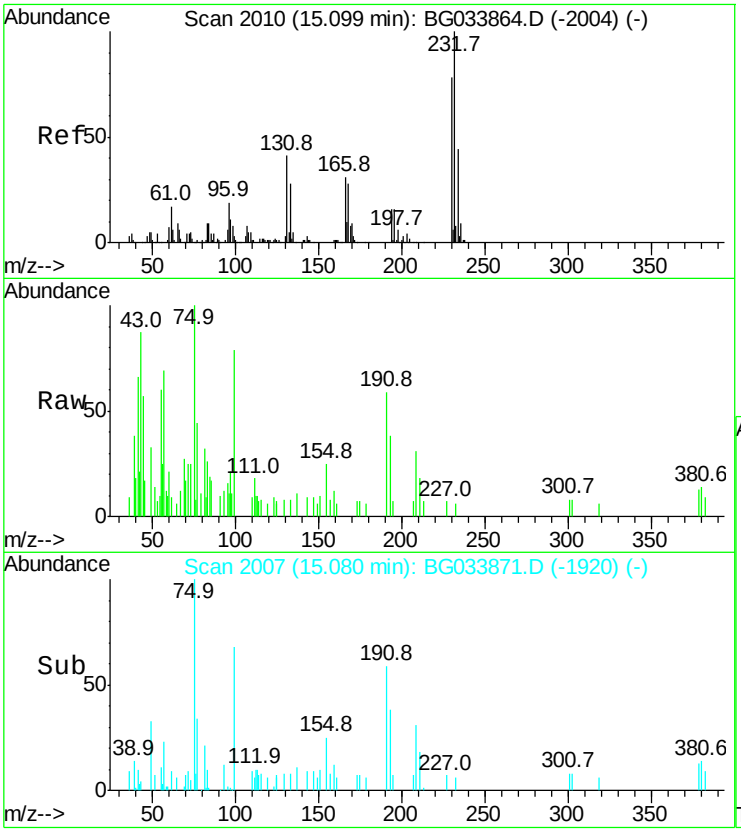


#57
Fluorene
Concen: 0.120 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:166 Resp: 1770

Ion	Ratio	Lower	Upper
166	100		
165	109.6	80.6	121.0
167	14.6	10.4	15.6



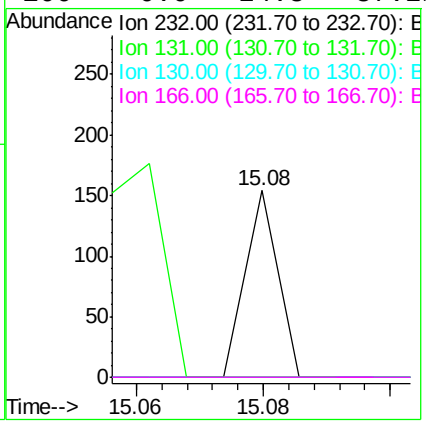


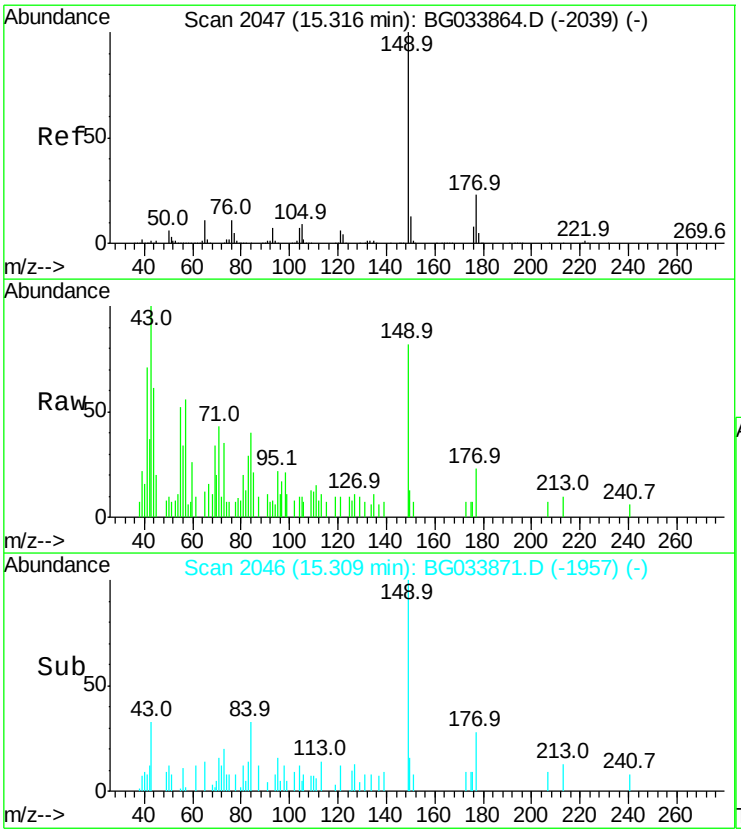
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.014 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:232 Resp: 54

Ion	Ratio	Lower	Upper
232	100		
131	214.8	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

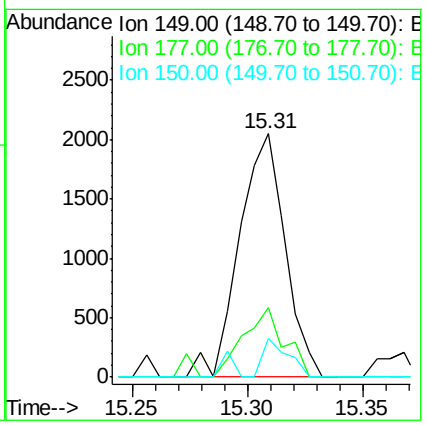


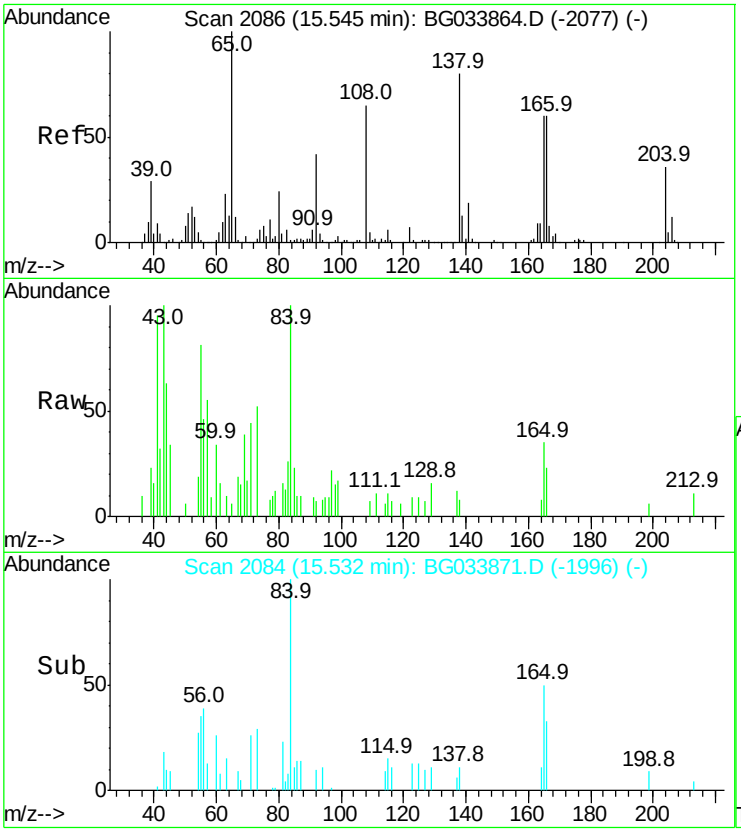


#59
Diethylphthalate
Concen: 0.169 ng
RT: 15.31 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:149 Resp: 2822

Ion	Ratio	Lower	Upper
149	100		
177	28.5	18.5	27.7#
150	15.8	10.2	15.2#



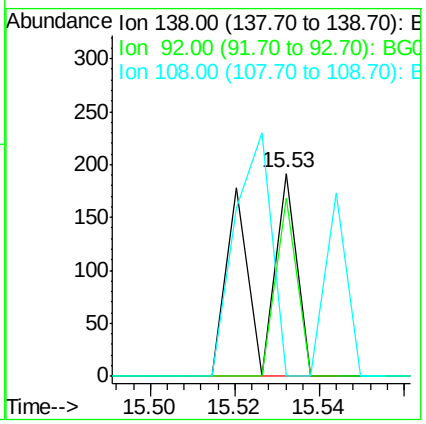


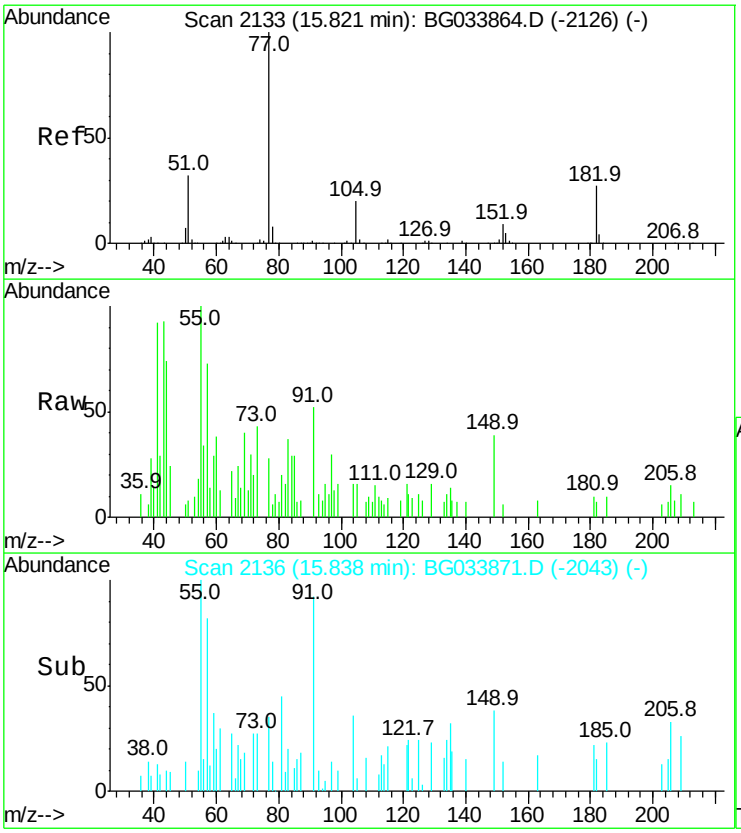
#61
4-Nitroaniline
Concen: 0.038 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 130

Ion	Ratio	Lower	Upper
138	100		
92	88.0	40.1	80.1#
108	0.0	65.4	105.4#

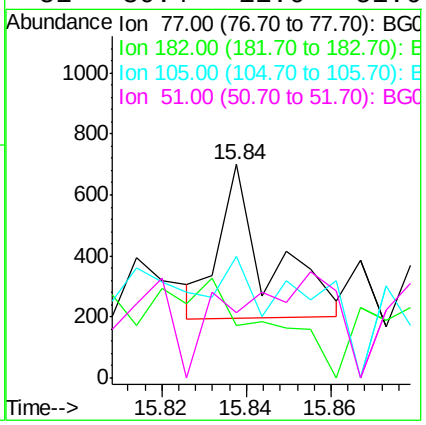


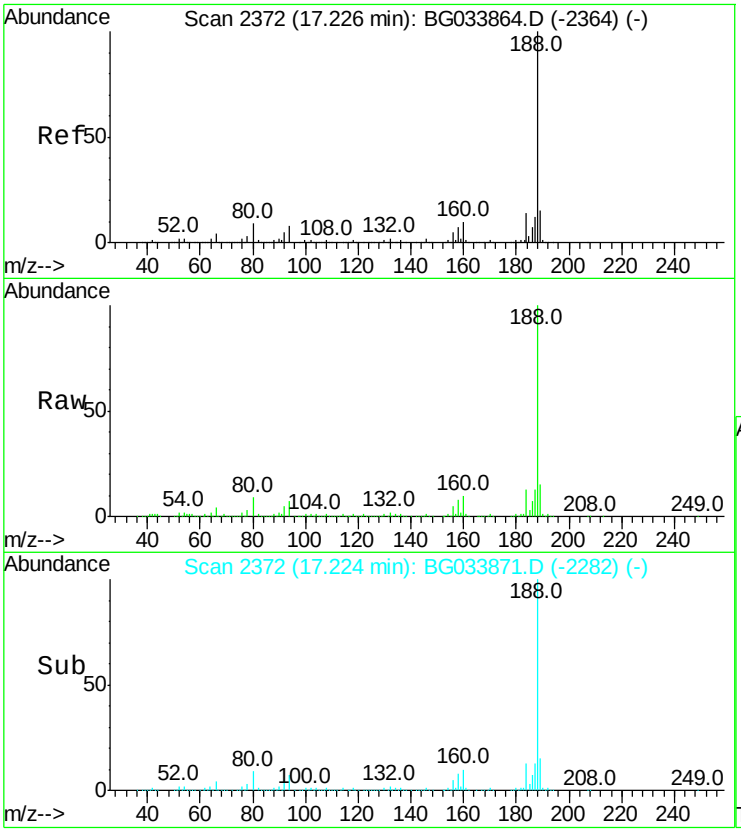


#62
Azobenzene
Concen: 0.027 ng
RT: 15.84 min Scan# 2136
Delta R.T. 0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion: 77 Resp: 404

Ion	Ratio	Lower	Upper
77	100		
182	24.4	7.4	47.4
105	57.1	0.3	40.3#
51	30.4	11.6	51.6



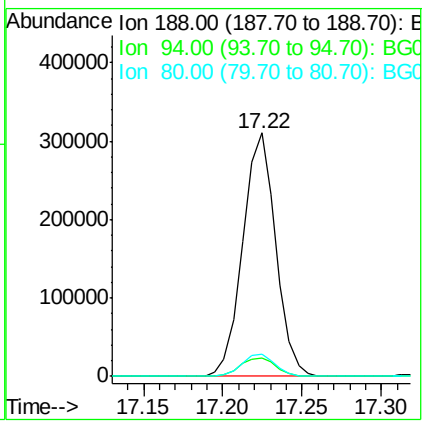


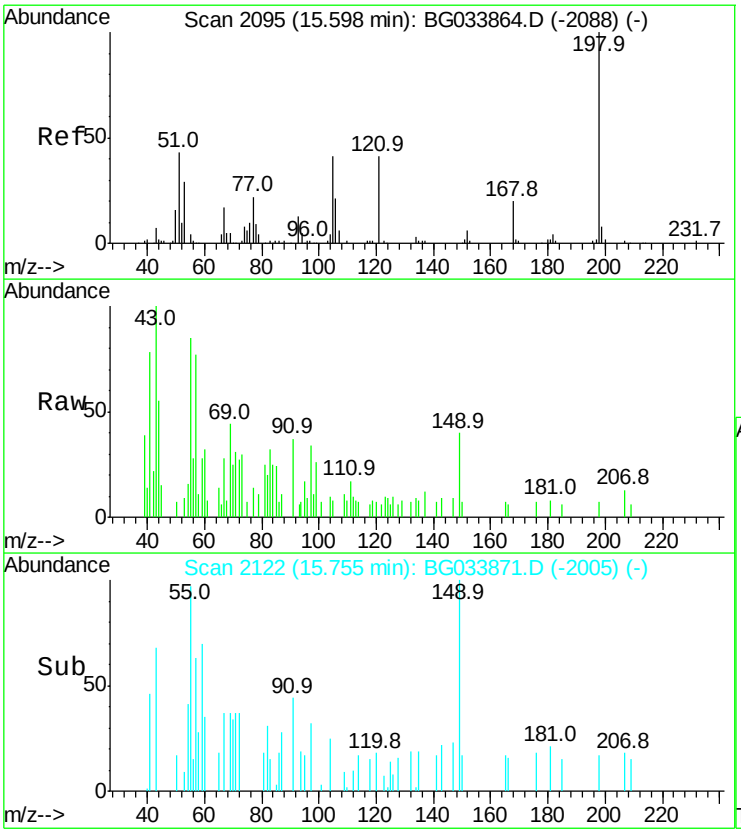
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 445224

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.1	7.7	11.5

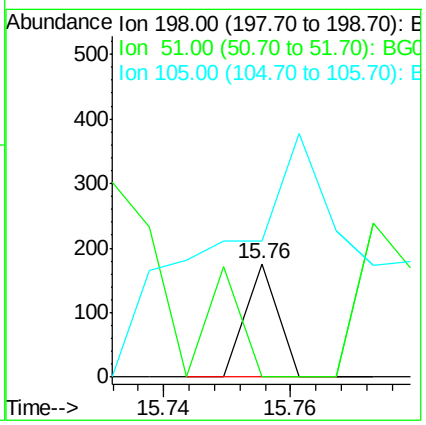


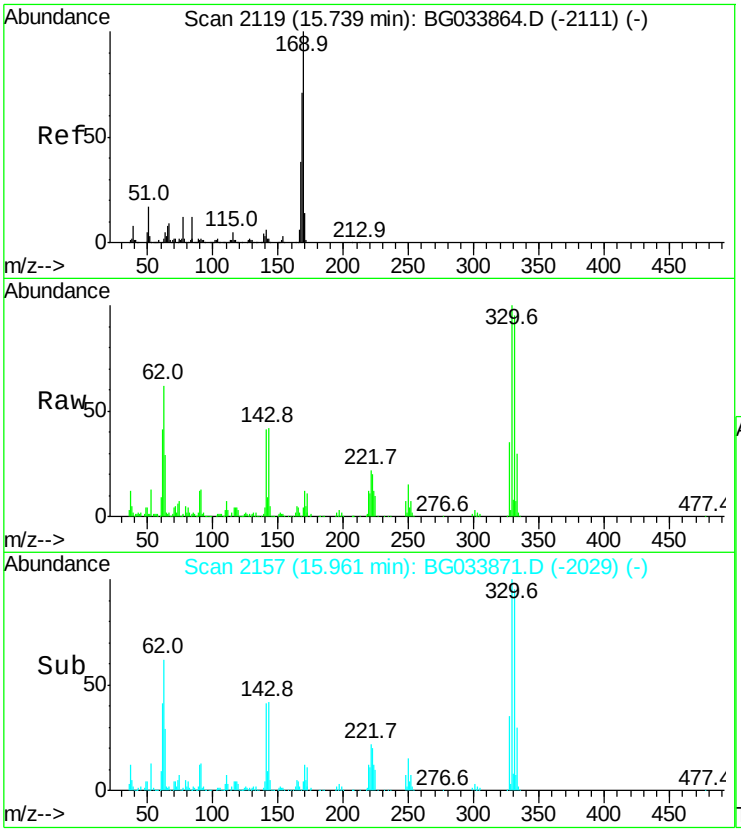


#64
4,6-Dinitro-2-methylphenol
Concen: 6.514 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.16 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:198 Resp: 62

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	119.9	23.8	63.8#



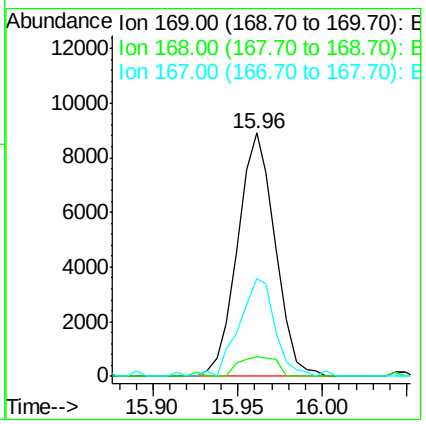


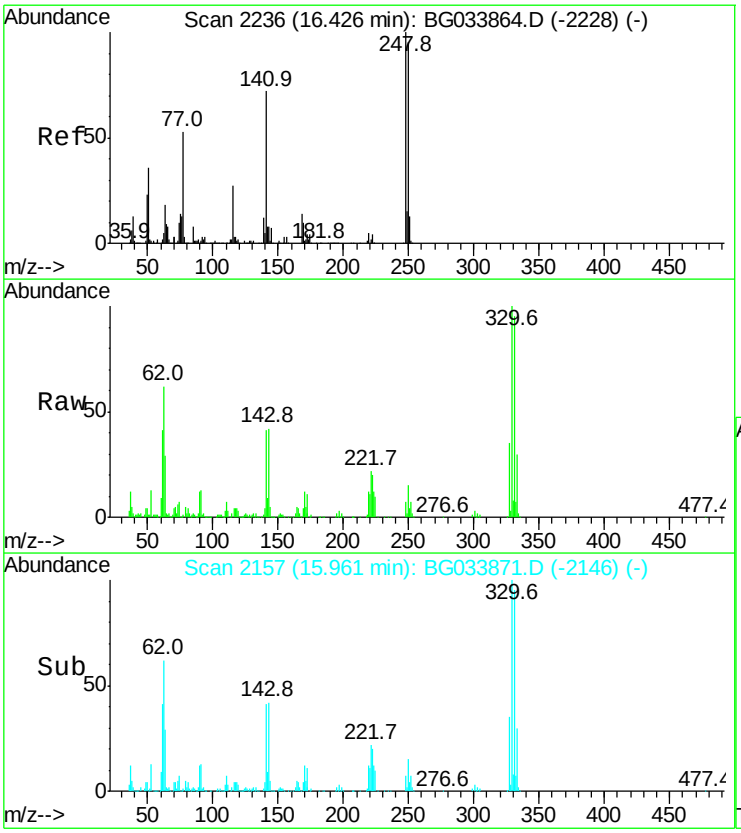
#65
n-Nitrosodiphenylamine
Concen: 1.061 ng
RT: 15.96 min Scan# 2157
Delta R.T. 0.22 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 13739

Ion	Ratio	Lower	Upper
169	100		
168	8.1	55.7	83.5#
167	40.4	30.1	45.1

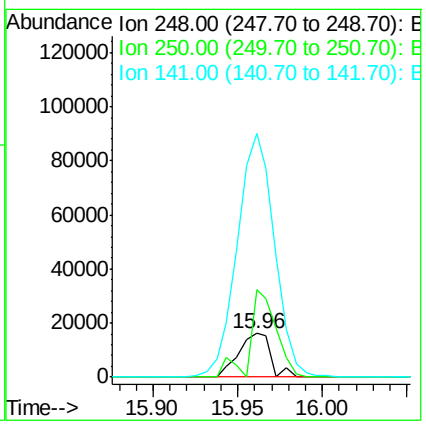


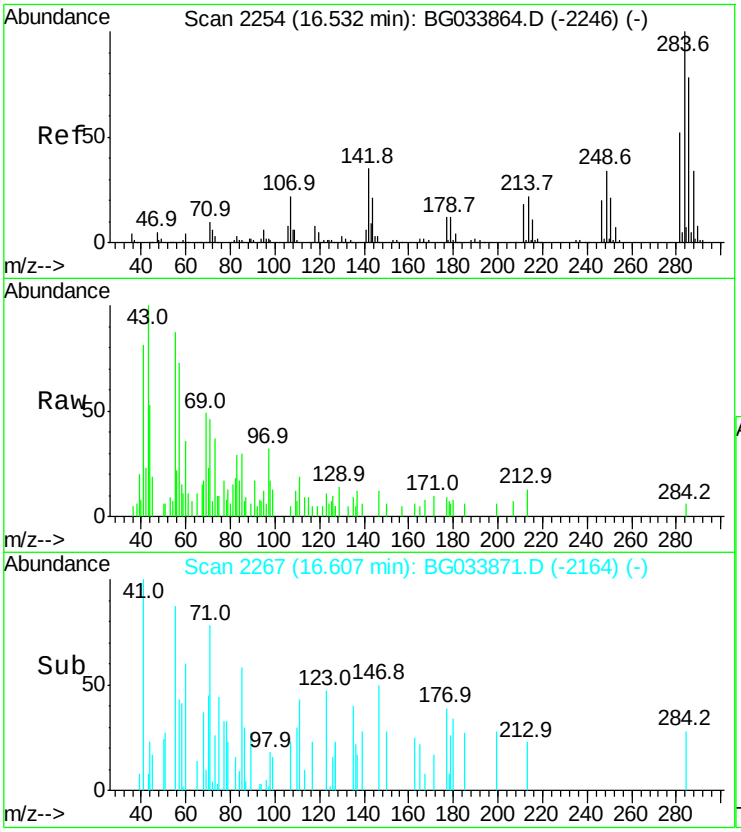


#66
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.47 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:248 Resp: 21276

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.1	115.7#
141	436.1	50.8	76.2#



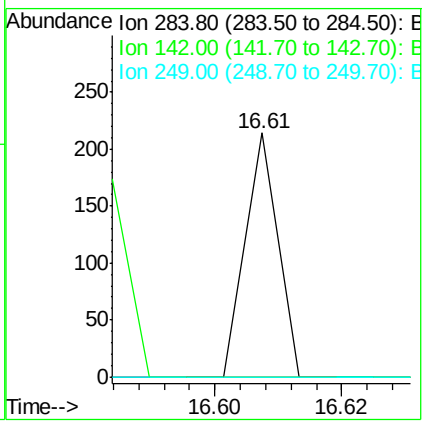


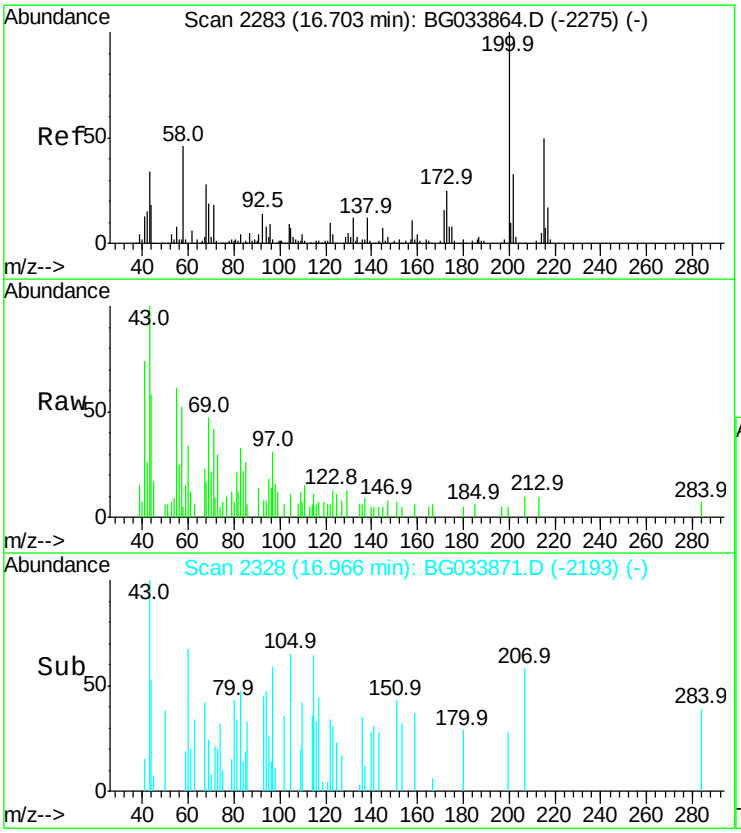
#67
Hexachlorobenzene
Concen: 0.014 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.08 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 75

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

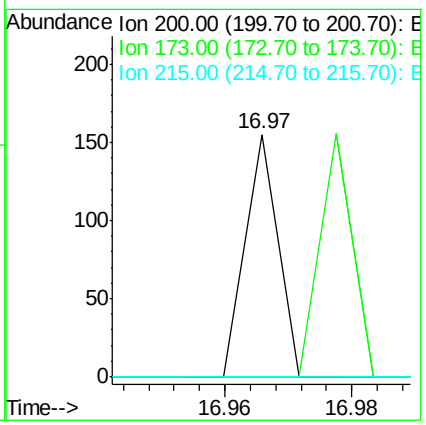


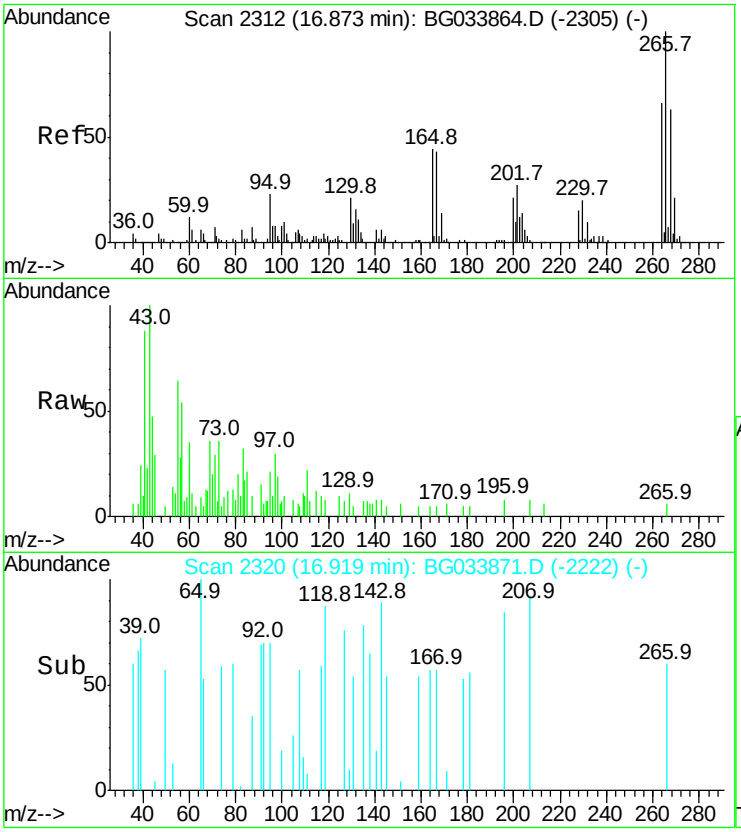


#68
Atrazine
Concen: 0.011 ng
RT: 16.97 min Scan# 2328
Delta R.T. 0.26 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:200 Resp: 55

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



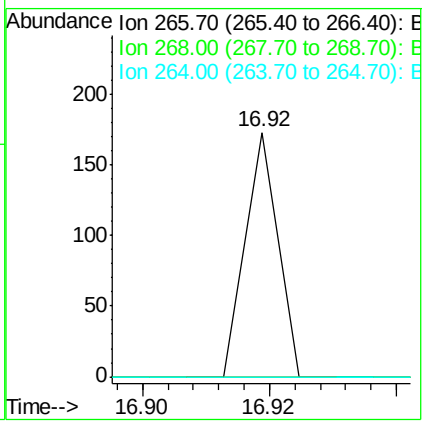


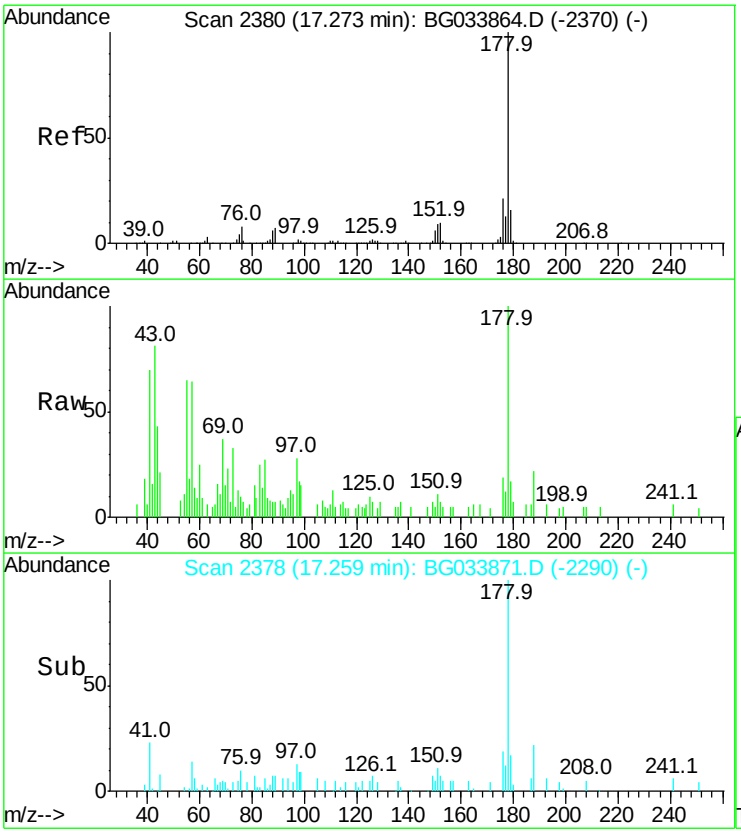
#69
Pentachlorophenol
Concen: 0.017 ng
RT: 16.92 min Scan# 2320
Delta R.T. 0.05 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 61

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

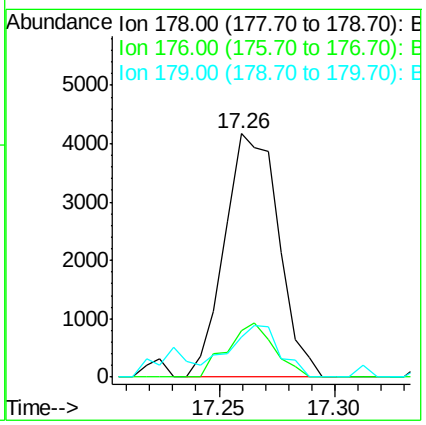


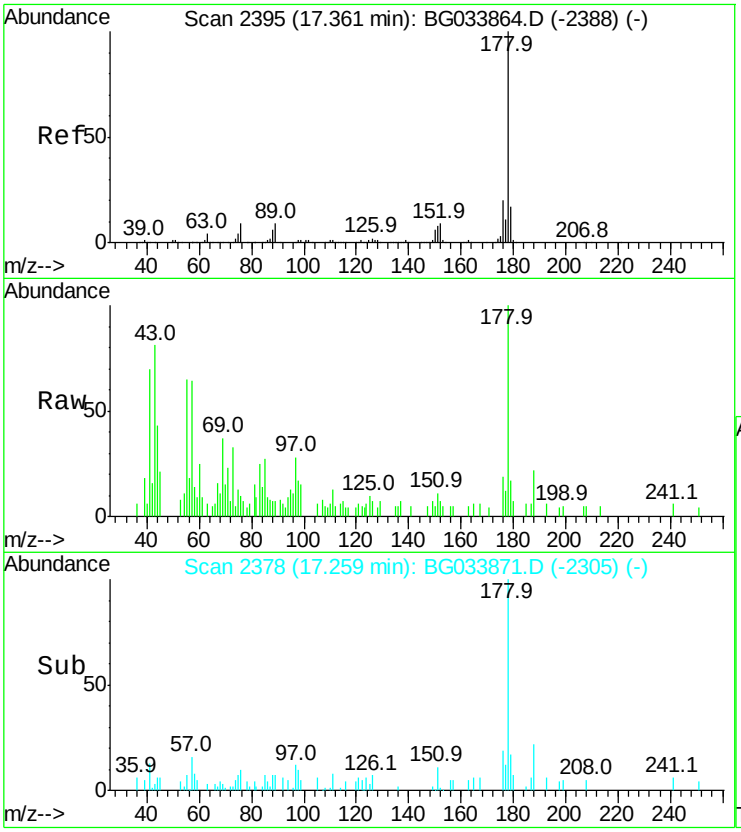


#70
Phenanthrene
Concen: 0.284 ng
RT: 17.26 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:178 Resp: 6781

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.6	12.5	18.7



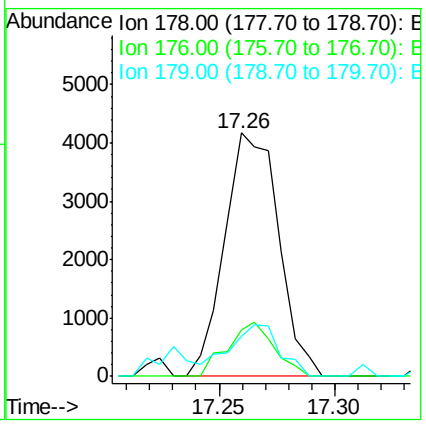


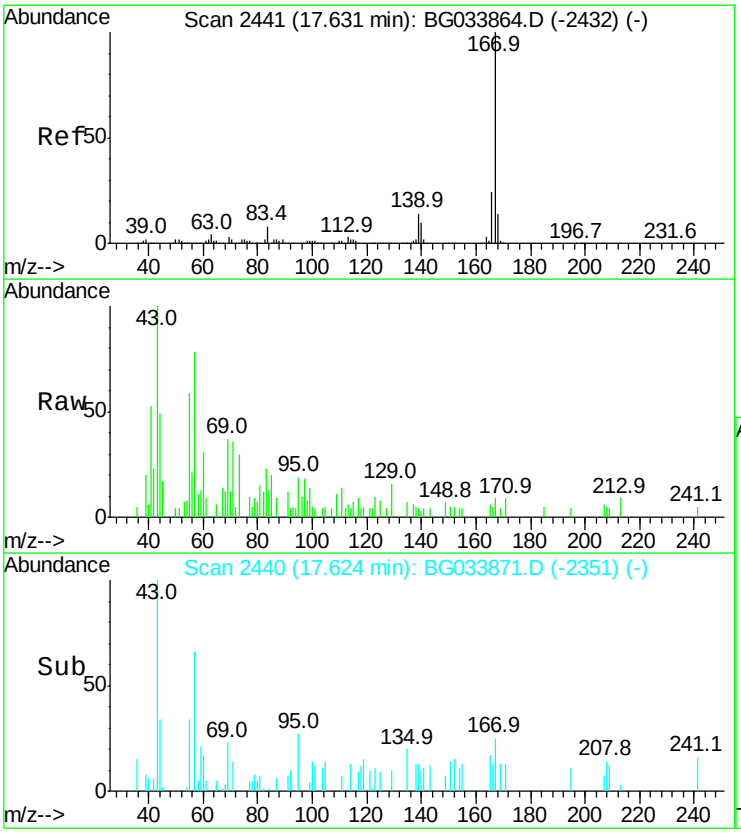
#71
Anthracene
Concen: 0.284 ng
RT: 17.26 min Scan# 2378
Delta R.T. -0.10 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 6781

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.6	12.5	18.7

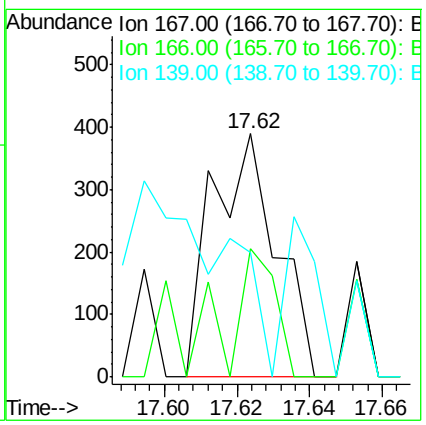


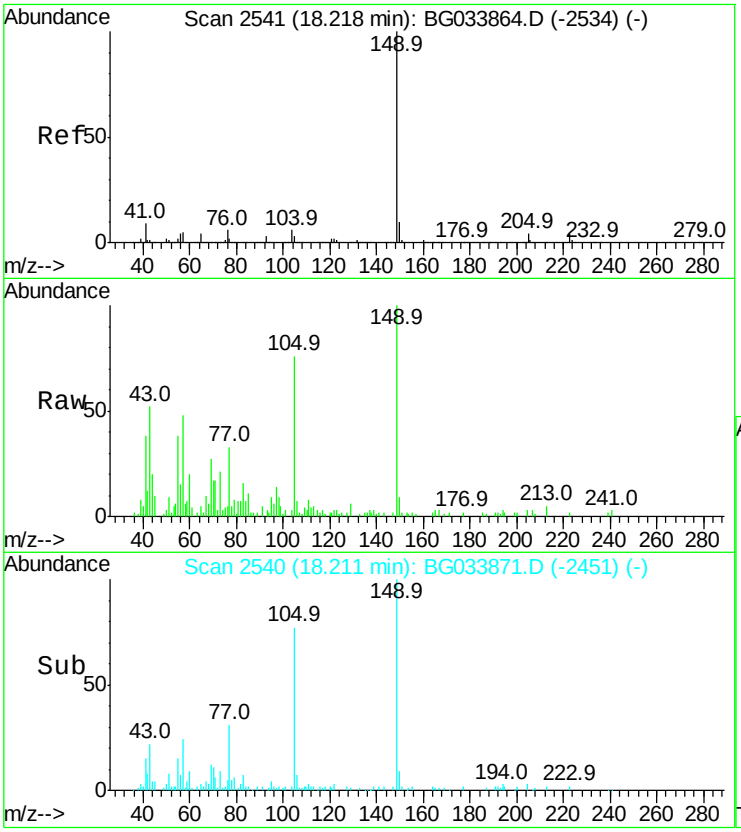


#72
Carbazole
Concen: 0.021 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:167 Resp: 478

Ion	Ratio	Lower	Upper
167	100		
166	52.6	18.2	27.4#
139	51.0	9.4	14.2#



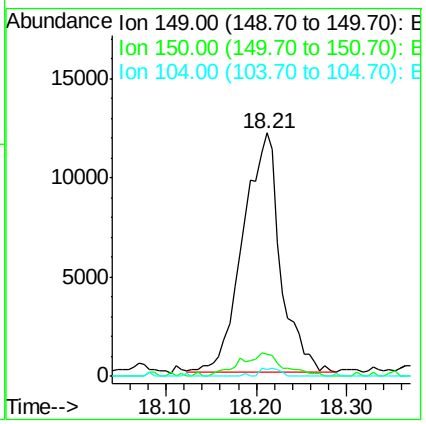


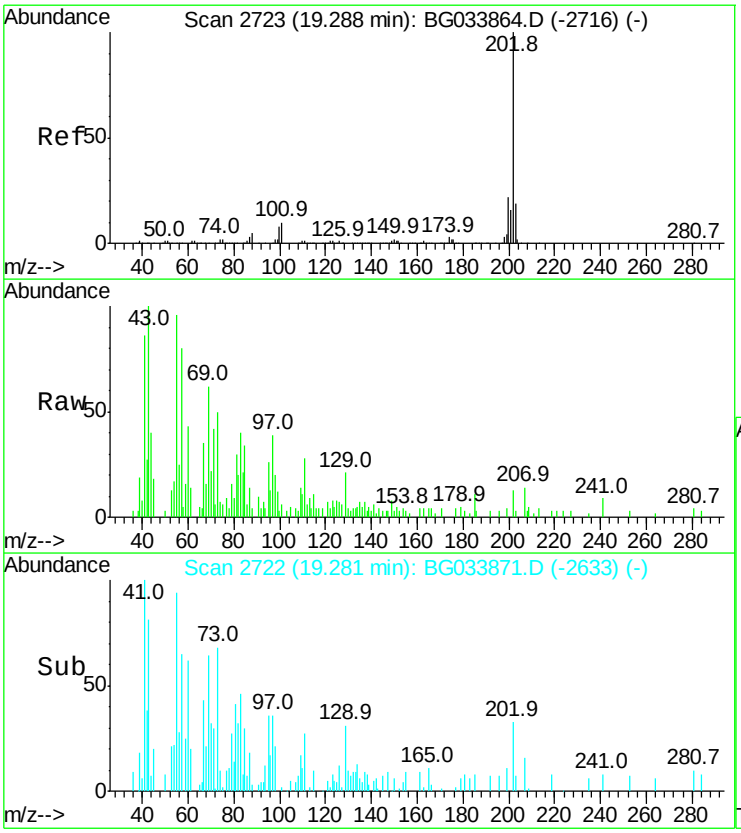
#73
Di-n-butylphthalate
Concen: 1.214 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 34803

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	3.0	3.9	5.9#

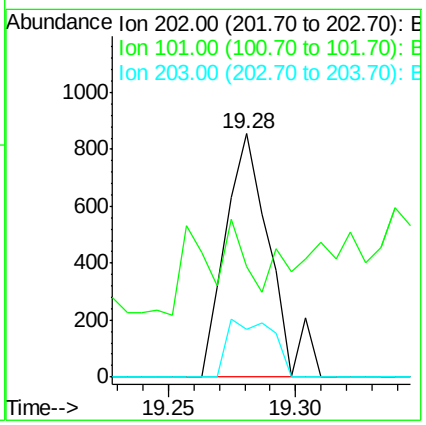


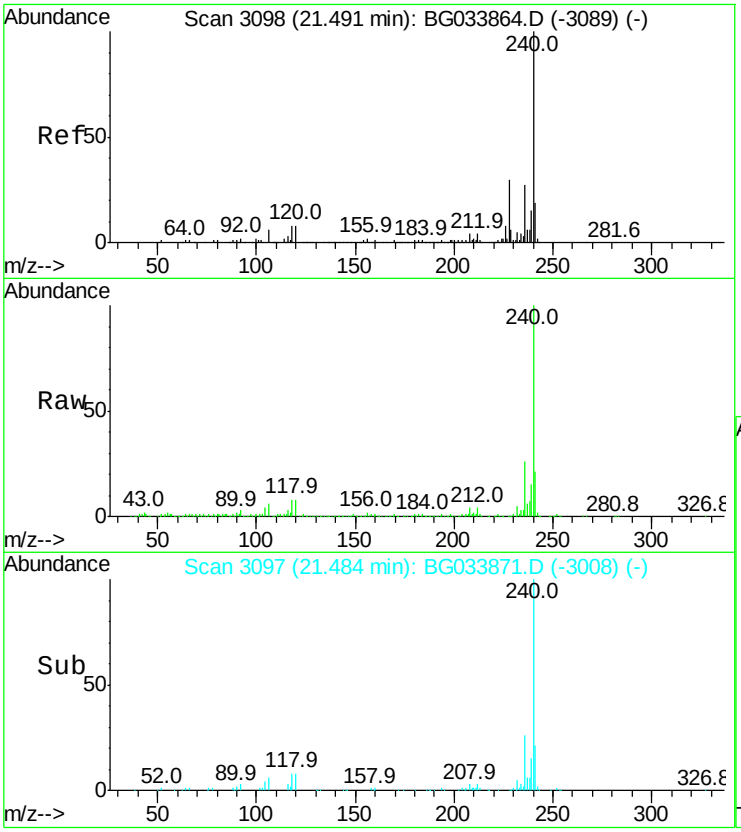


#74
Fluoranthene
Concen: 0.036 ng
RT: 19.28 min Scan# 2722
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:202 Resp: 1042

Ion	Ratio	Lower	Upper
202	100		
101	45.3	0.0	28.9#
203	19.6	0.0	37.5



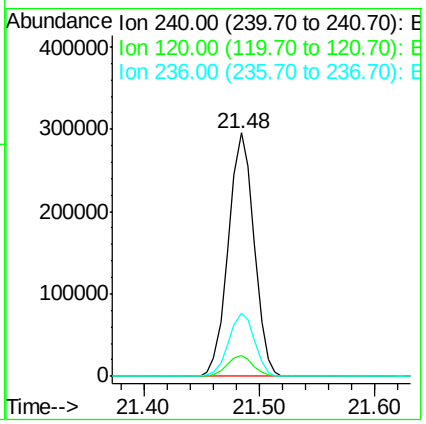


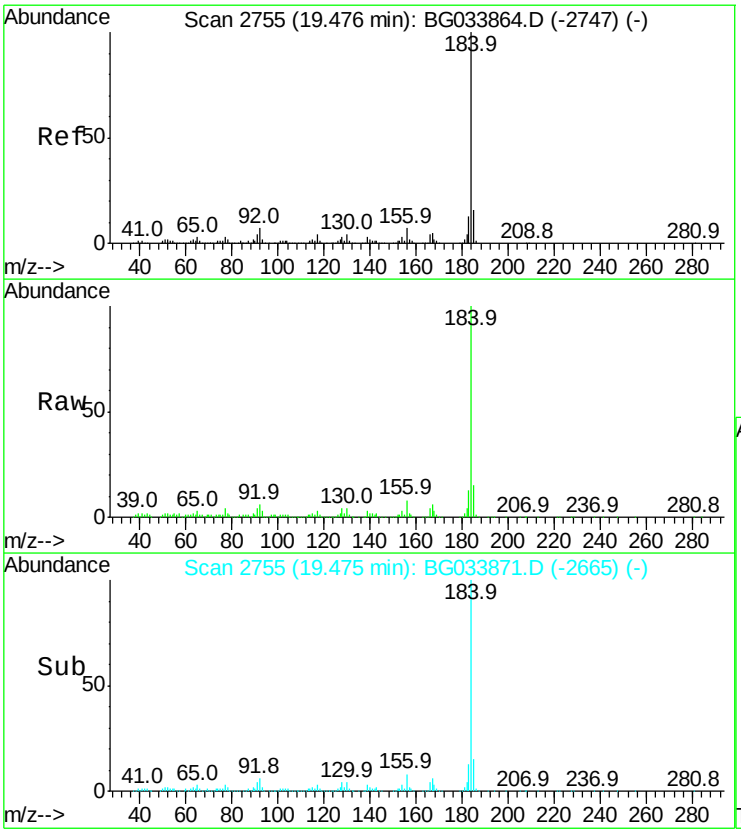
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 456077

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	25.9	20.9	31.3

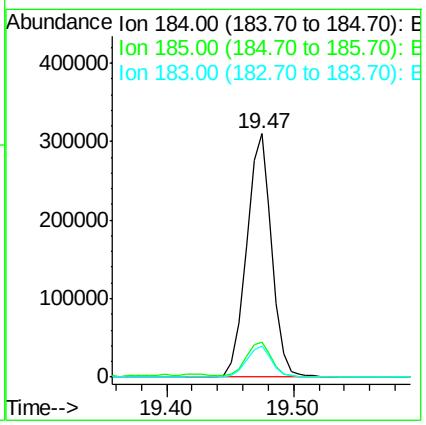


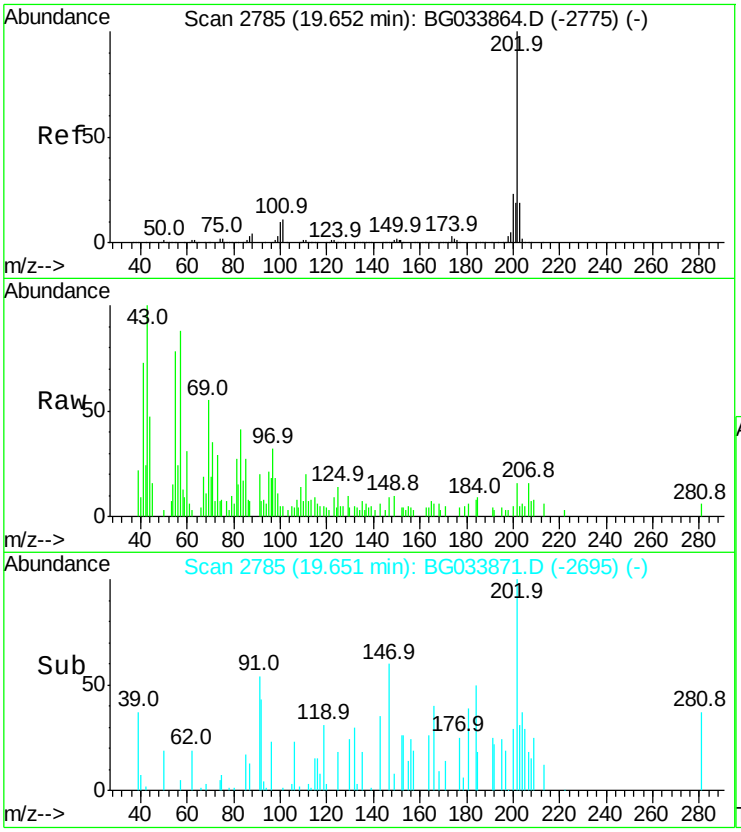


#76
Benzidine
Concen: 34.509 ng
RT: 19.47 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:184 Resp: 425010

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	12.8	10.6	16.0



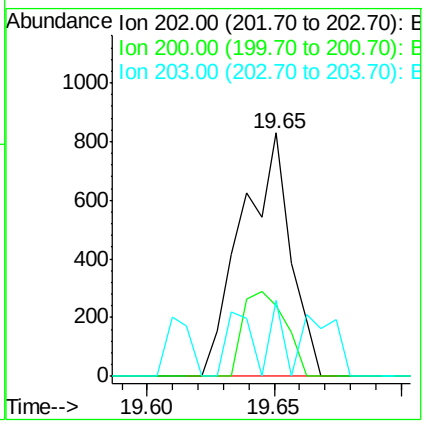


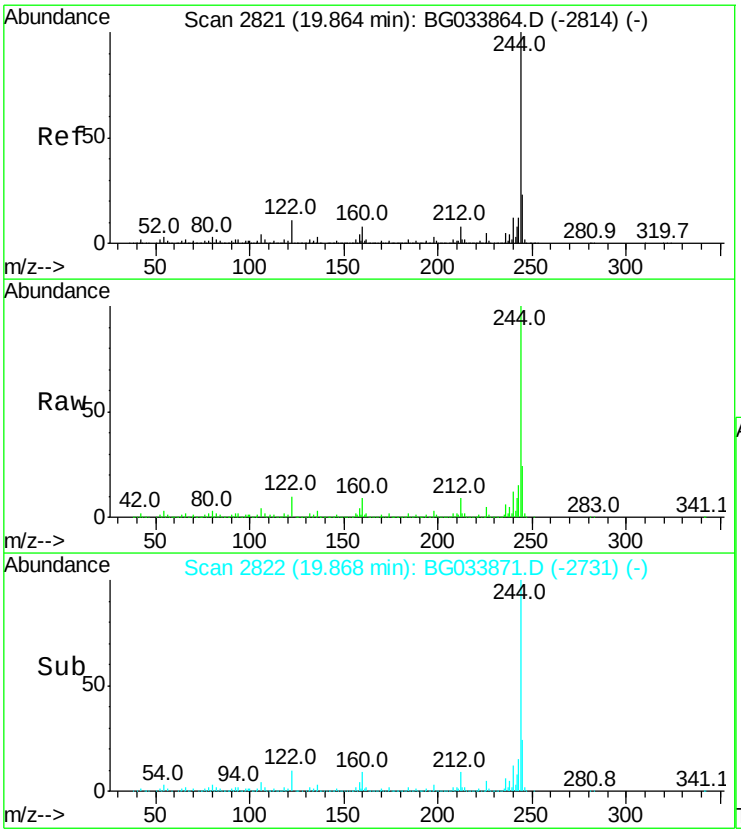
#77
Pyrene
Concen: 0.037 ng
RT: 19.65 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1108

Ion	Ratio	Lower	Upper
202	100		
200	28.9	16.9	25.3#
203	31.1	13.9	20.9#

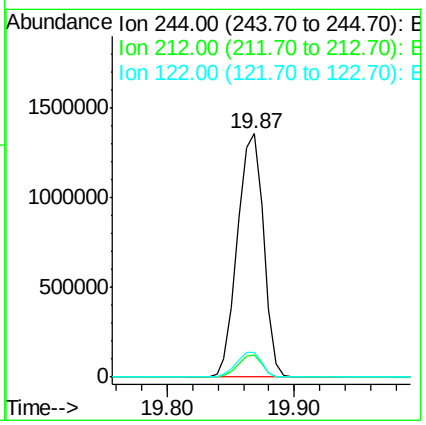


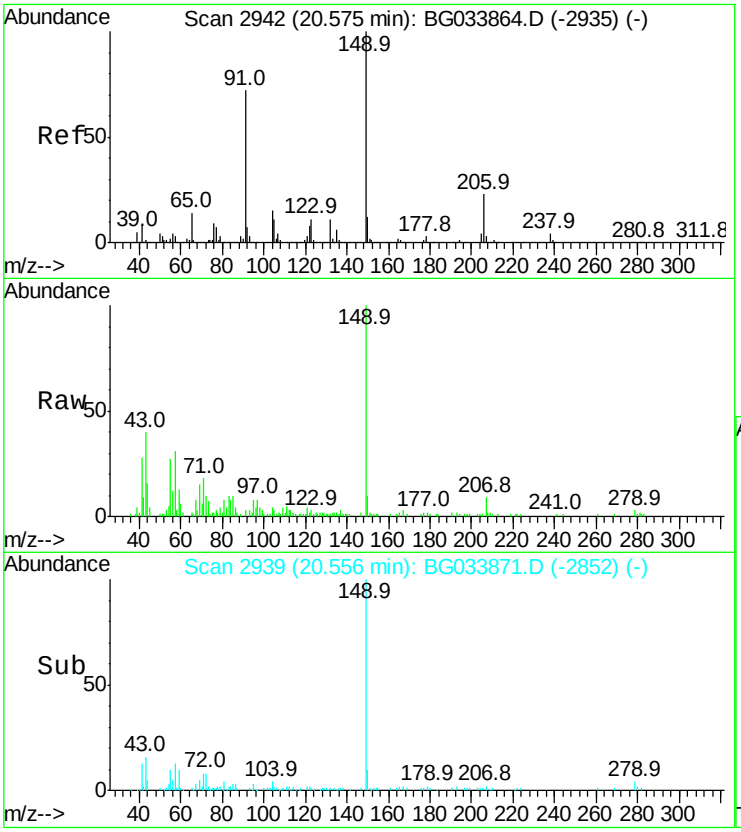


#78
Terphenyl-d14
Concen: 94.726 ng
RT: 19.87 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:244 Resp: 1923005

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	10.1	7.0	10.4



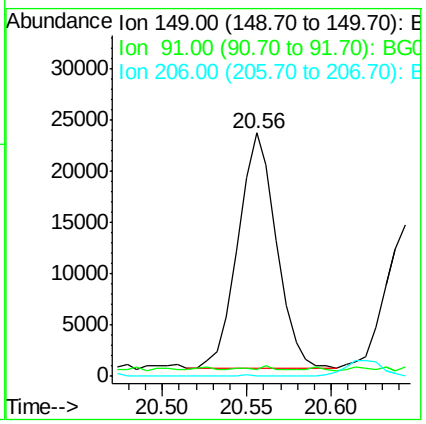


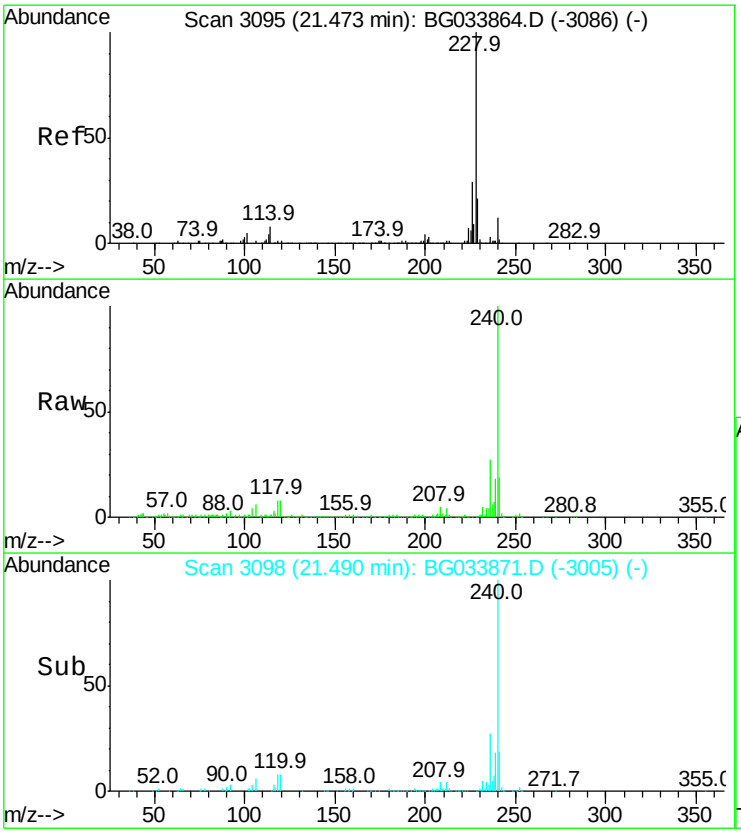
#79
Butylbenzylphthalate
Concen: 2.773 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 36433

Ion	Ratio	Lower	Upper
149	100		
91	2.9	62.2	93.2#
206	0.0	18.6	27.8#

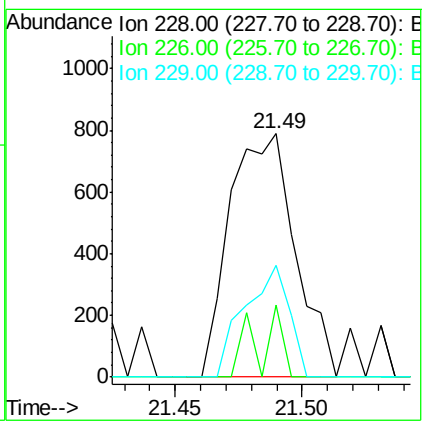


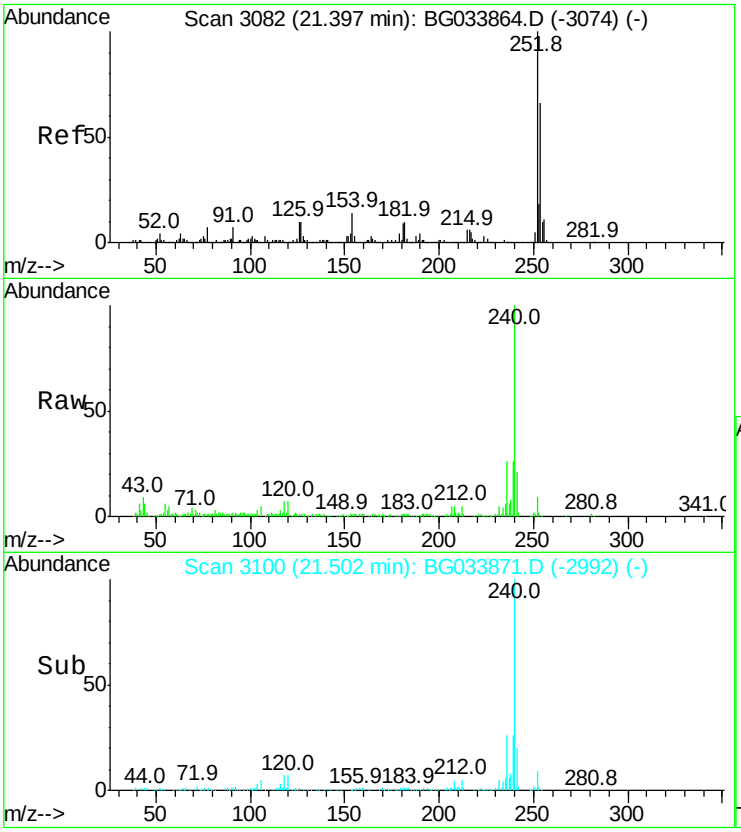


#80
Benzo(a)anthracene
Concen: 0.049 ng
RT: 21.49 min Scan# 3098
Delta R.T. 0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:228 Resp: 1419

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	46.1	16.2	24.2#



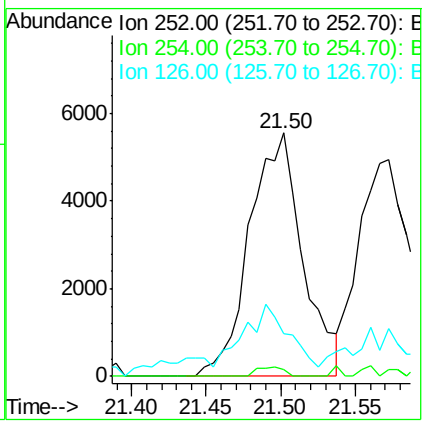


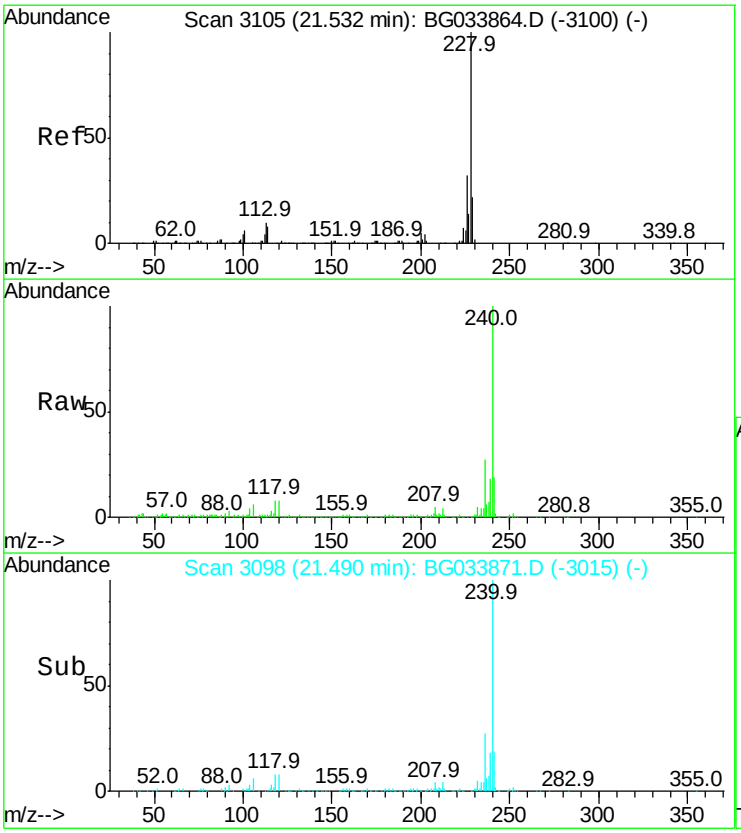
#81
3,3'-Dichlorobenzidine
Concen: 1.277 ng
RT: 21.50 min Scan# 3100
Delta R.T. 0.10 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 13689

Ion	Ratio	Lower	Upper
252	100		
254	2.8	50.8	76.2#
126	17.3	7.4	11.2#

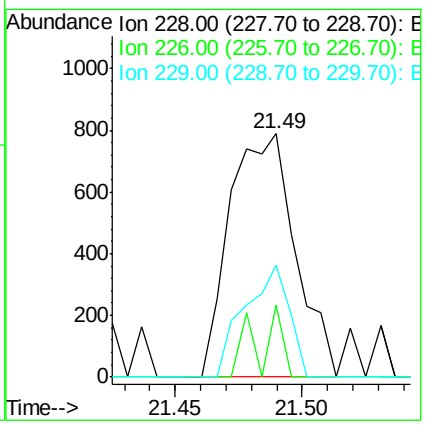


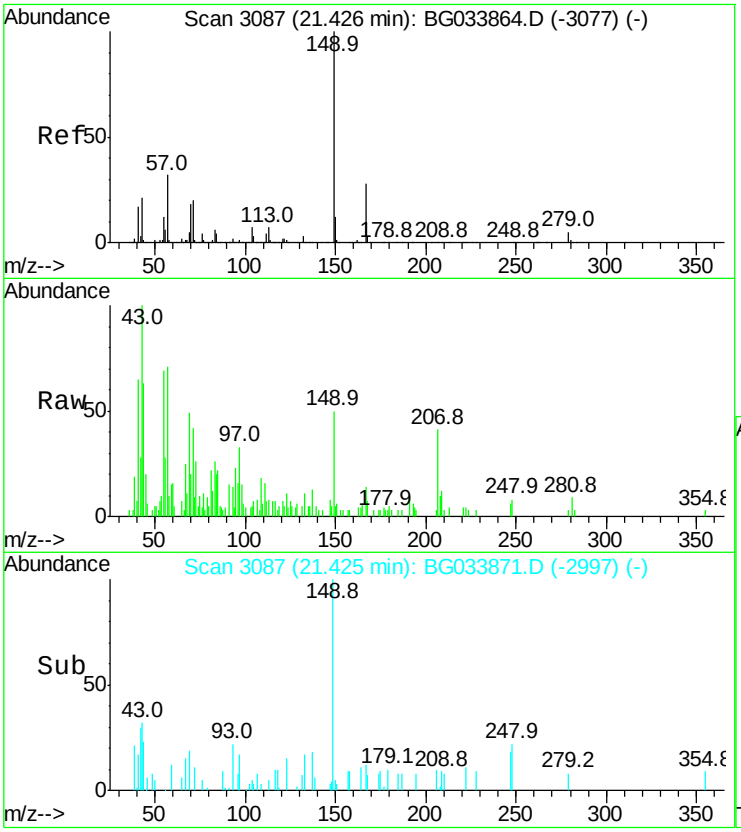


#82
Chrysene
Concen: 0.052 ng
RT: 21.49 min Scan# 3098
Delta R.T. -0.04 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:228 Resp: 1419

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	46.1	15.0	22.4#



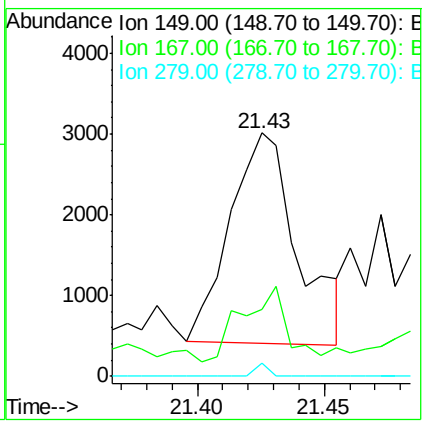


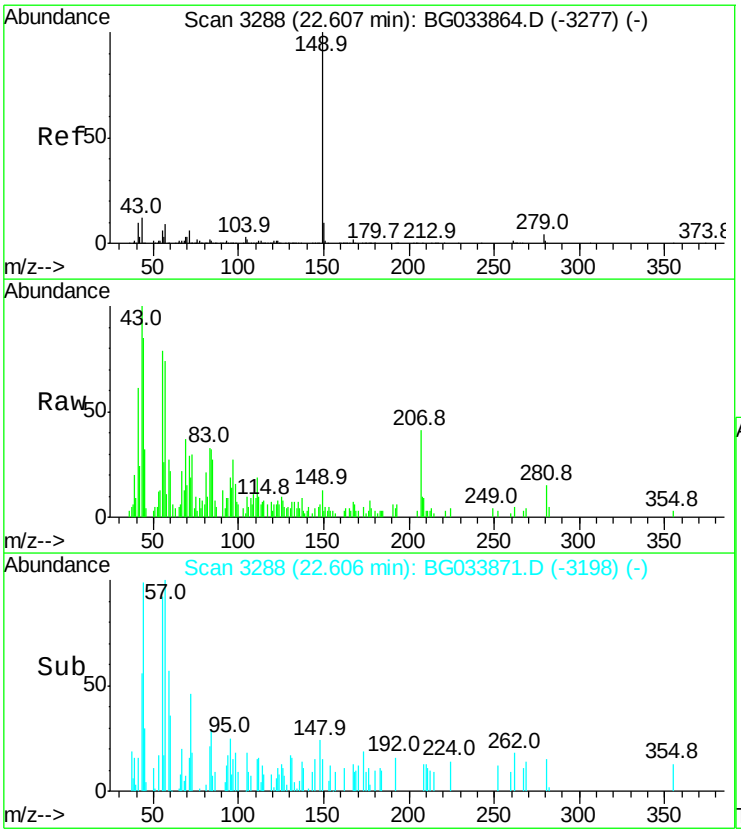
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.259 ng
RT: 21.43 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 4813

Ion	Ratio	Lower	Upper
149	100		
167	27.4	24.3	36.5
279	5.6	4.0	6.0

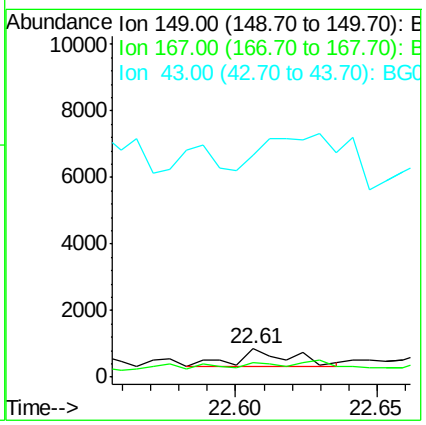


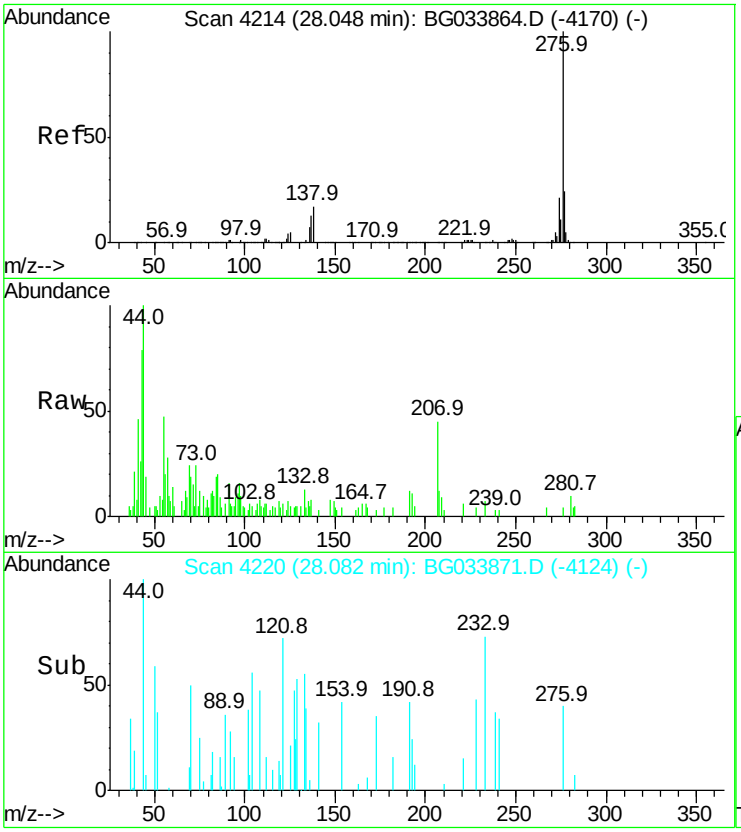


#84
Di-n-octyl phthalate
Concen: 0.023 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:149 Resp: 691

Ion	Ratio	Lower	Upper
149	100		
167	26.6	1.4	2.0#
43	0.0	8.9	13.3#



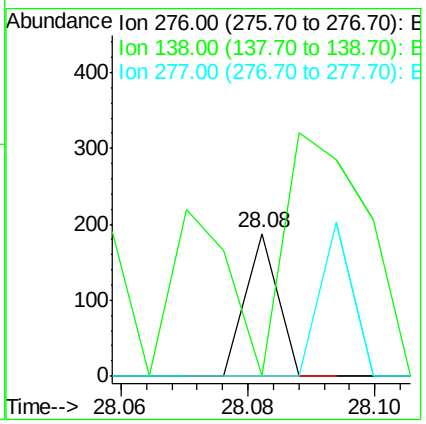


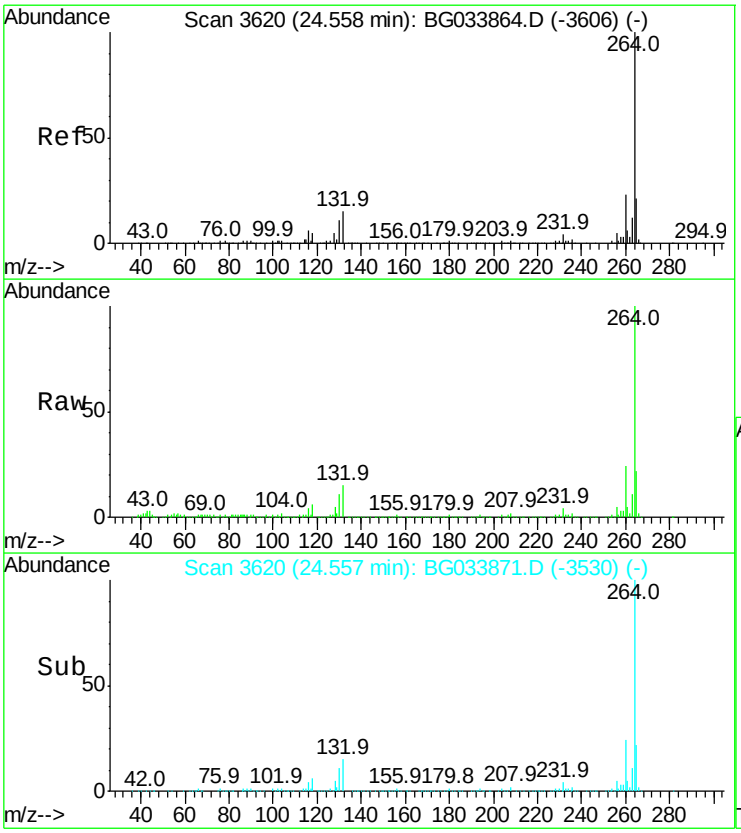
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.08 min Scan# 4220
Delta R.T. 0.03 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 66

Ion	Ratio	Lower	Upper
276	100		
138	639.4	16.0	24.0#
277	107.6	20.0	30.0#

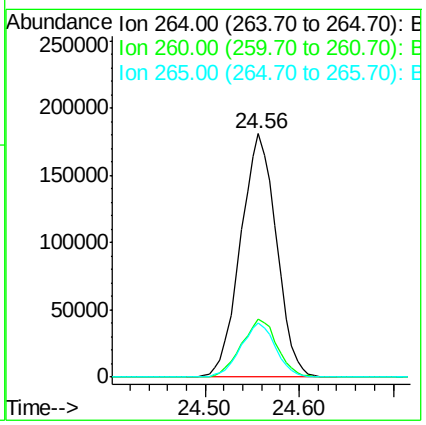


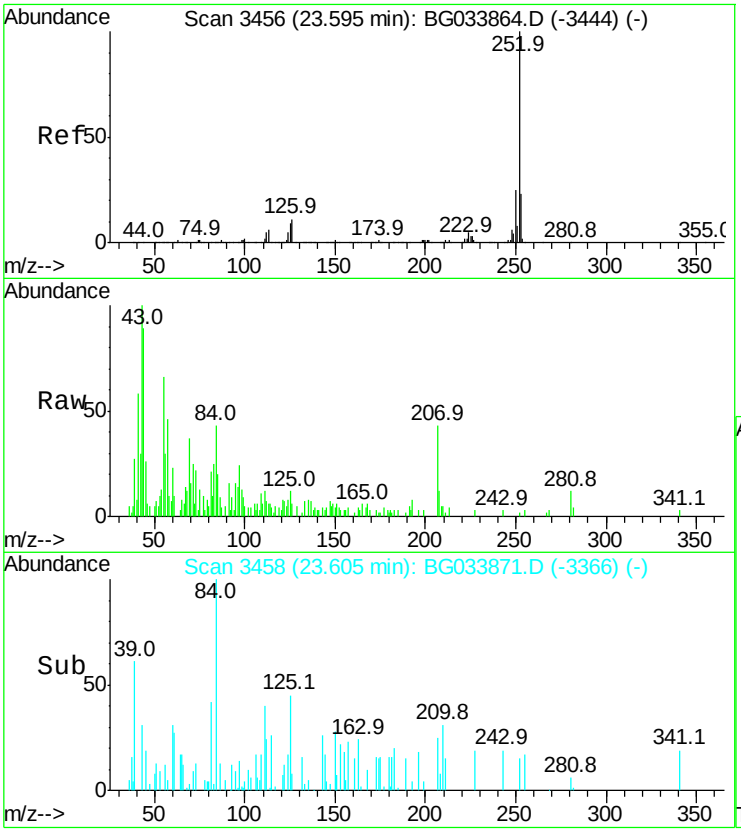


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:264 Resp: 477556

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.3	17.7	26.5



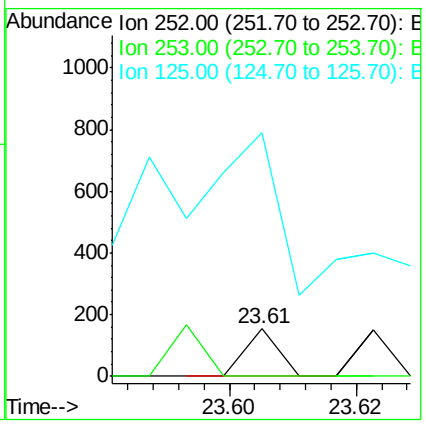


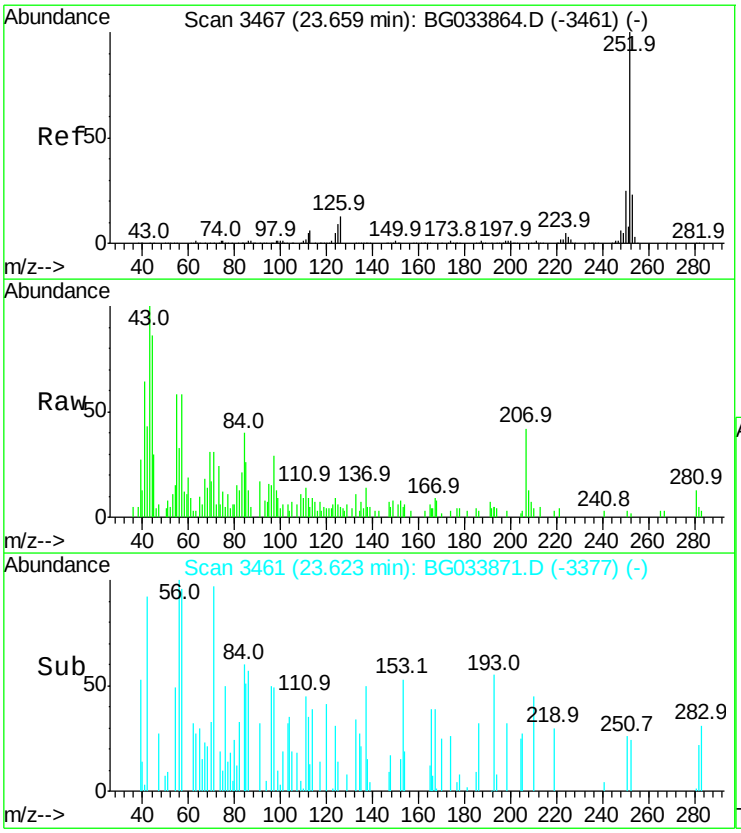
#87
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.61 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	512.3	7.2	10.8#

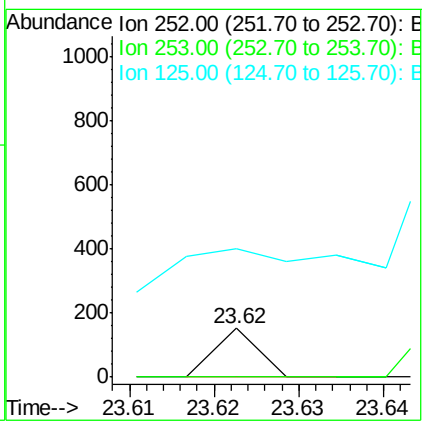


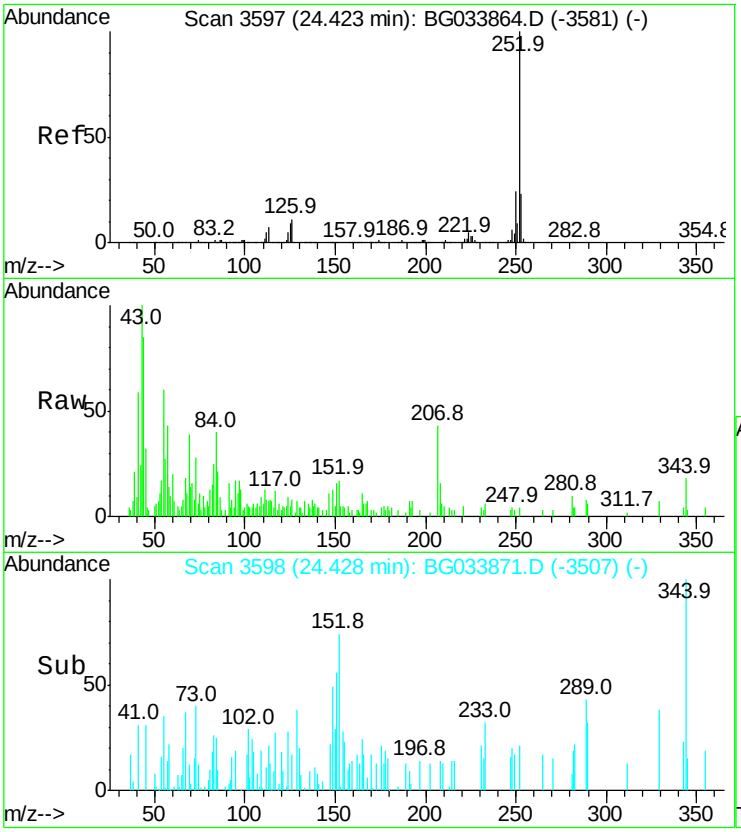


#88
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.62 min Scan# 3461
Delta R.T. -0.04 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	262.5	6.6	9.8#



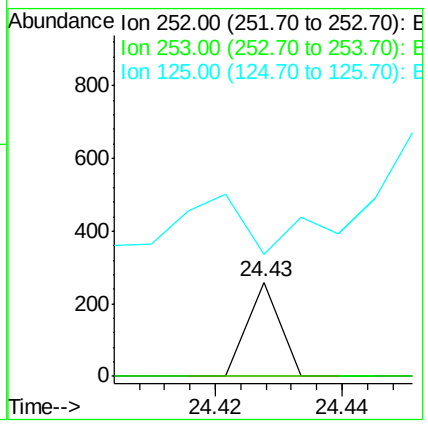


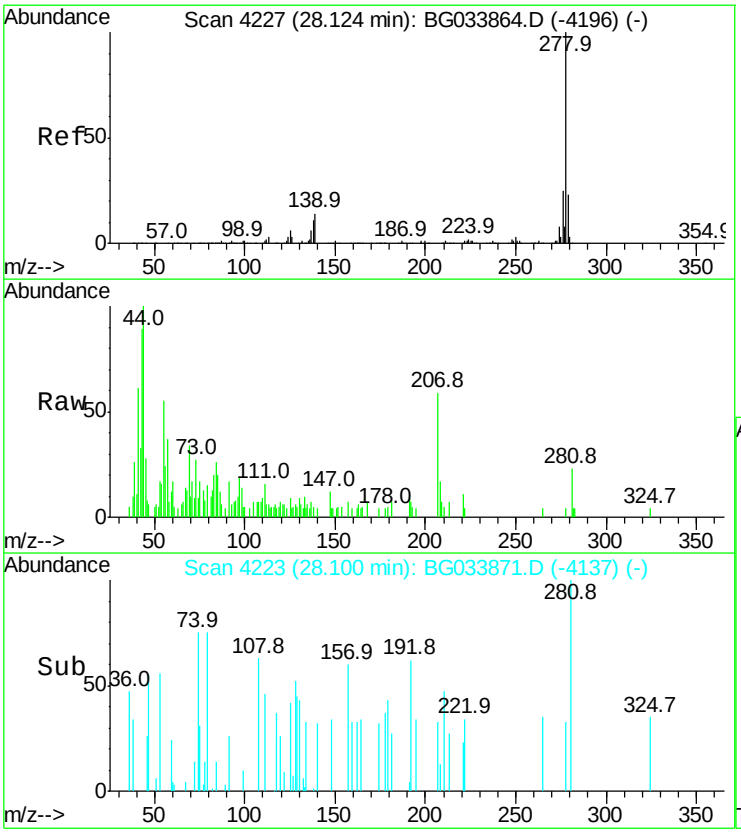
#89
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.43 min Scan# 3598
Delta R.T. 0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 91

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	130.1	7.3	10.9#

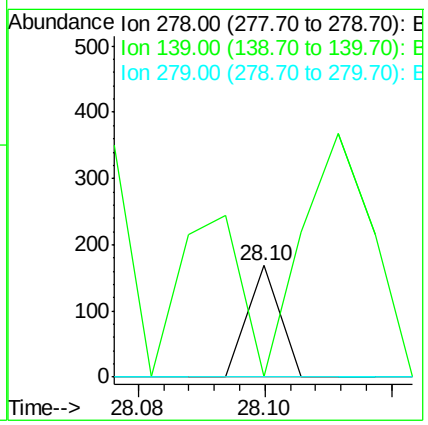


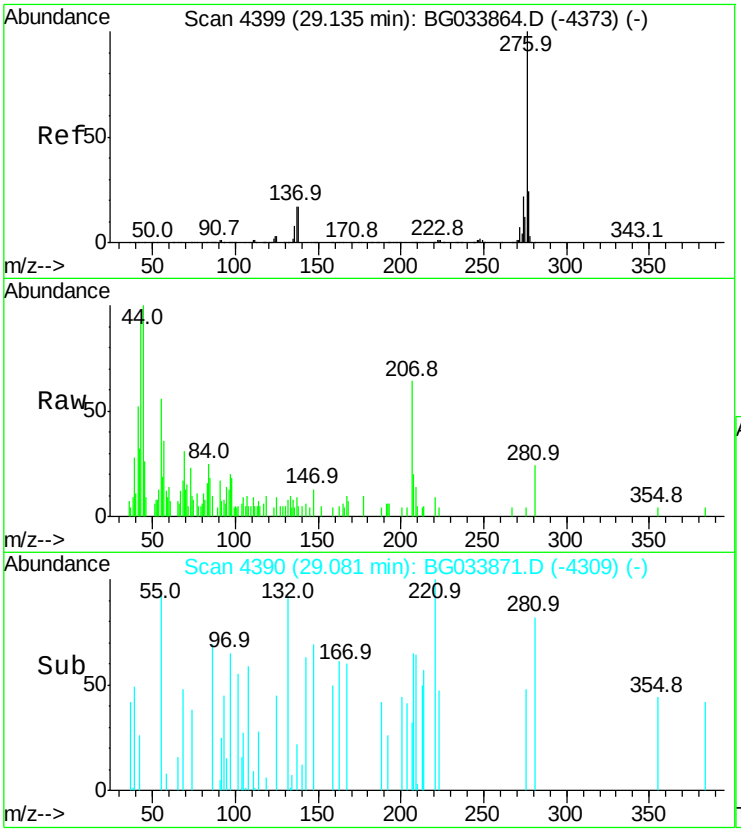


#90
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 28.10 min Scan# 4223
Delta R.T. -0.02 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:278 Resp: 59

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: 0.002 ng
RT: 29.08 min Scan# 4390
Delta R.T. -0.05 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 62

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	123.2	13.9	20.9#