Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033873.D
Acq On : 19 Apr 2018 17:49
Operator : SJ/JU
Sample : J2423-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 20 03:10:11 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	66352	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	269975	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	165295	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	422385	20.00	ng	0.00
75) Chrysene-d12	21.48	240	478256	20.00	ng	0.00
86) Perylene-d12	24.55	264	477291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	571272	137.46	ng	0.00
7) Phenol-d6	7.01	99	680631	112.28	ng	0.00
23) Nitrobenzene-d5	8.99	82	498826	105.15	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	321613	166.77	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1138494	101.18	ng	0.00
78) Terphenyl-d14	19.86	244	2031406	95.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	214	0.122	ng	# 1
3) Pyridine	3.79	79	59	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.74	42	469	0.203	ng	# 1
6) Aniline	7.10	93	55	0.007	ng	# 41
8) 2-Chlorophenol	7.41	128	77	0.017	ng	# 36
9) Benzaldehyde	7.01	77	1552	Below Cal		# 5
10) Phenol	7.01	94	364	0.059	ng	# 1
11) bis(2-Chloroethyl)ether	7.38	93	1300	0.274	ng	# 1
12) 1,3-Dichlorobenzene	7.50	146	55	0.010	ng	# 26
13) 1,4-Dichlorobenzene	8.18	146	66	0.012	ng	# 1
14) 1,2-Dichlorobenzene	8.18	146	66	0.012	ng	# 1
15) Benzyl Alcohol	8.15	79	8819	1.668	ng	# 35
16) 2,2'-oxybis(1-Chloropropan	8.38	45	313	0.034	ng	75
17) 2-Methylphenol	8.26	107	69	0.015	ng	# 13
18) Hexachloroethane	9.02	117	70	0.035	ng	# 1
19) n-Nitroso-di-n-propylamine	8.99	70	71218	13.783	ng	# 84
20) 3+4-Methylphenols	8.70	107	67	0.010	ng	# 13
22) Acetophenone	8.66	105	690	0.094	ng	# 71
24) Nitrobenzene	8.98	77	2263	0.438	ng	# 44
25) Isophorone	9.54	82	61	0.006	ng	# 69
27) 2,4-Dimethylphenol	9.68	122	55	0.014	ng	# 1
28) bis(2-Chloroethoxy)methane	9.81	93	57	0.010	ng	# 51
31) Naphthalene	10.67	128	19633	1.414	ng	# 92
32) Benzoic acid	9.93	122	68	5.100	ng	# 1
33) 4-Chloroaniline	10.67	127	2715	0.416	ng	# 40
35) Caprolactam	11.56	113	55	0.030	ng	# 49
36) 4-Chloro-3-methylphenol	11.88	107	54	0.010	ng	# 22
37) 2-Methylnaphthalene	12.28	142	2562	0.241	ng	96
45) 1,1'-Biphenyl	13.31	154	3385	0.253	ng	77
47) 2-Nitroaniline	13.58	65	77	0.024	ng	# 9
48) Acenaphthylene	14.19	152	2308	0.137	ng	98
50) 2,6-Dinitrotoluene	14.47	165	21869	7.936	ng	# 21
51) Acenaphthene	14.53	154	3927	0.371	ng	# 81
52) 3-Nitroaniline	14.52	138	59	0.020	ng	# 63

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033873.D
Acq On : 19 Apr 2018 17:49
Operator : SJ/JU
Sample : J2423-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 20 03:10:11 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)
54) Dibenzofuran	14.87	168	3110	0.198	ng	#	89
55) 4-Nitrophenol	14.86	139	1220	0.520	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	21869	5.968	ng	#	19
57) Fluorene	15.52	166	6244	0.459	ng		95
59) Diethylphthalate	15.30	149	3155	0.205	ng	#	93
61) 4-Nitroaniline	15.53	138	60	0.019	ng	#	12
62) Azobenzene	15.82	77	78	0.006	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.96	198	1310	7.046	ng	#	76
65) n-Nitrosodiphenylamine	15.96	169	12985	1.057	ng	#	46
66) 4-Bromophenyl-phenylether	15.96	248	9454	2.038	ng	#	1
67) Hexachlorobenzene	16.40	284	75	0.015	ng	#	33
68) Atrazine	16.58	200	55	0.011	ng	#	35
70) Phenanthrene	17.26	178	22513	0.994	ng		96
71) Anthracene	17.26	178	22513	0.994	ng		96
72) Carbazole	17.62	167	4046	0.185	ng	#	96
73) Di-n-butylphthalate	18.21	149	4036	0.148	ng	#	97
74) Fluoranthene	19.28	202	9286	0.339	ng		94
76) Benzidine	19.86	184	33788	2.616	ng	#	91
77) Pyrene	19.65	202	5968	0.190	ng		97
79) Butylbenzylphthalate	20.56	149	149	0.011	ng	#	64
80) Benzo(a)anthracene	21.48	228	2049	0.068	ng	#	76
81) 3,3'-Dichlorobenzidine	21.57	252	66	0.006	ng	#	26
82) Chrysene	21.48	228	2049	0.071	ng	#	72
83) Bis(2-ethylhexyl)phthalate	21.41	149	2108	0.108	ng	#	78
84) Di-n-octyl phthalate	22.58	149	71	0.002	ng	#	1
87) Benzo(b)fluoranthene	23.58	252	57	0.002	ng	#	59
88) Benzo(k)fluoranthene	23.64	252	59	0.002	ng	#	2
89) Benzo(a)pyrene	24.55	252	1677	0.060	ng	#	81

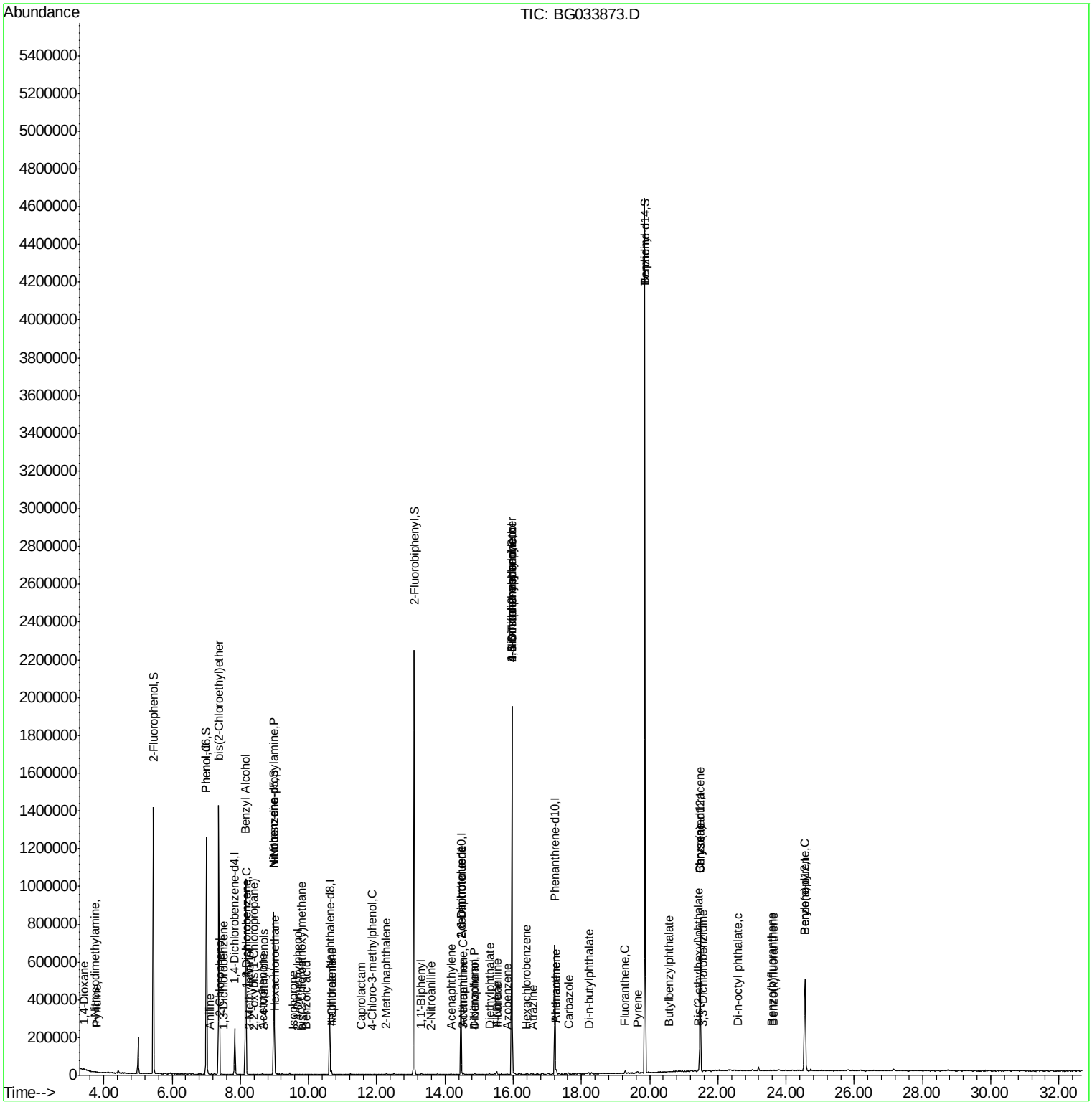
(#) = qualifier out of range (m) = manual integration (+) = signals summed

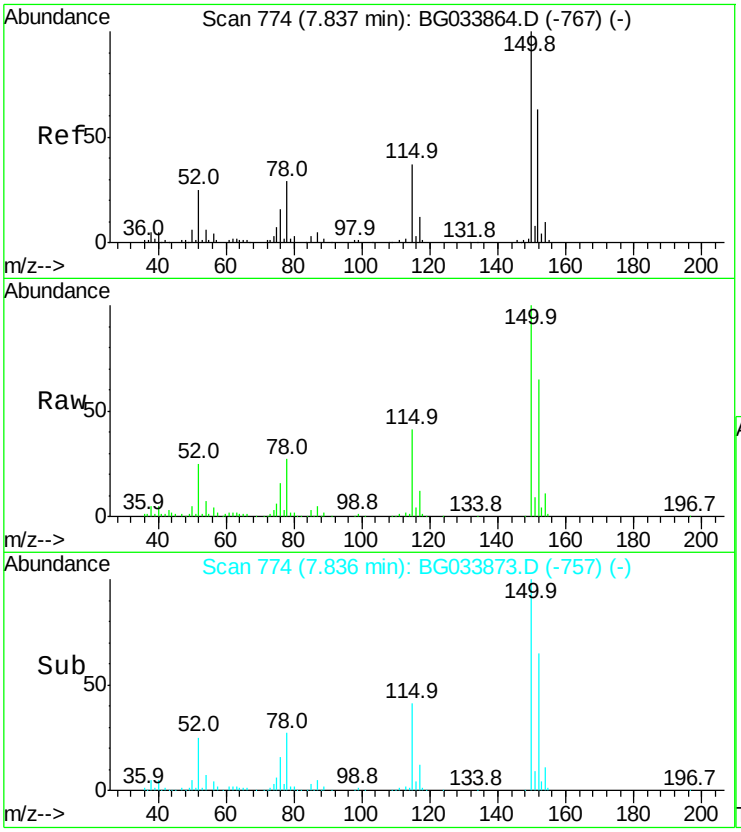
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033873.D
Acq On : 19 Apr 2018 17:49
Operator : SJ/JU
Sample : J2423-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 20 03:10:11 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



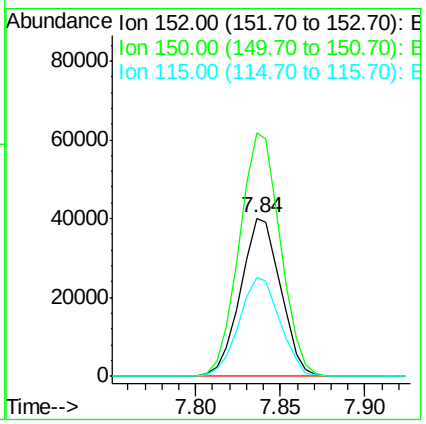


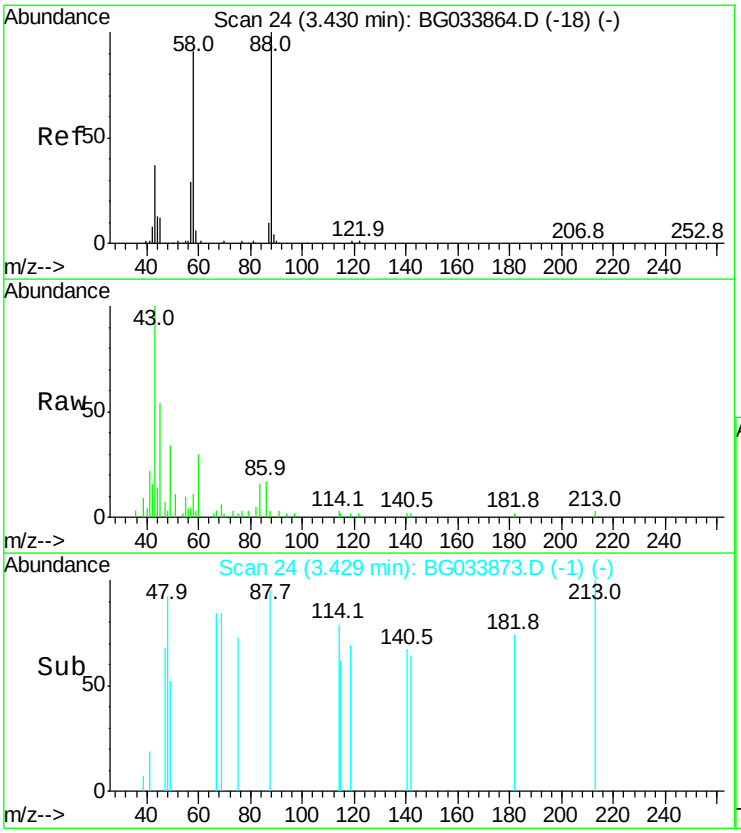
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 66352

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	62.7	53.0	79.4

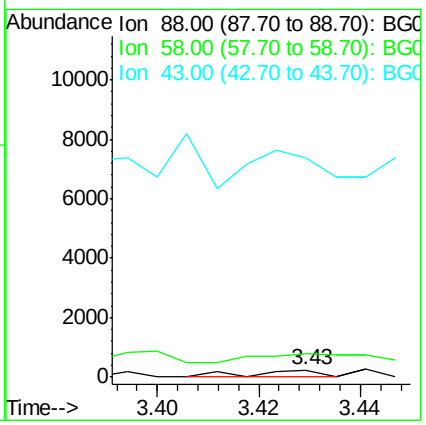


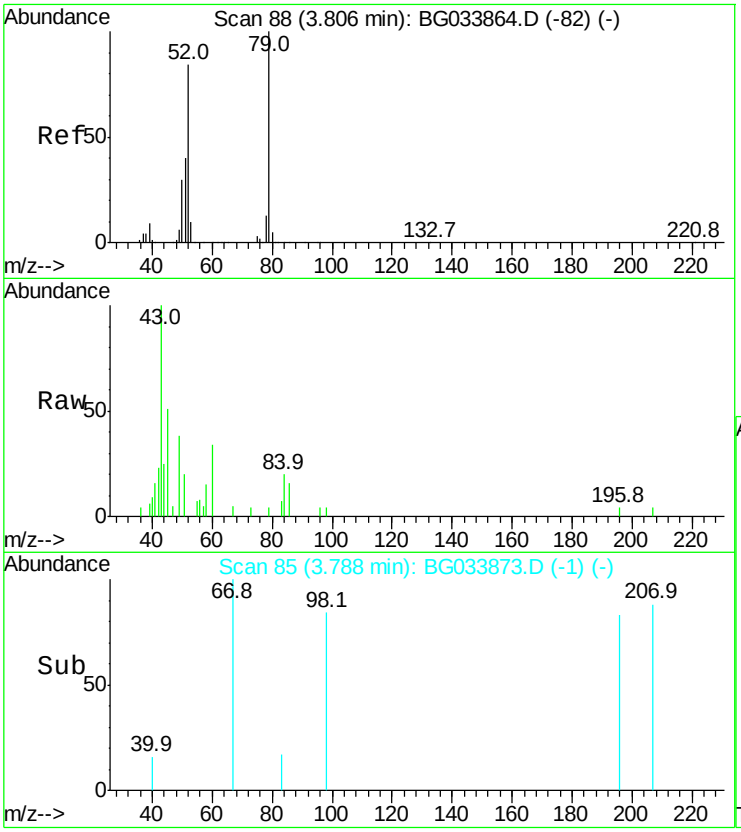


#2
1,4-Dioxane
Concen: 0.122 ng
RT: 3.43 min Scan# 24
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion: 88 Resp: 214

Ion	Ratio	Lower	Upper
88	100		
58	212.1	79.6	119.4#
43	0.0	27.4	41.0#



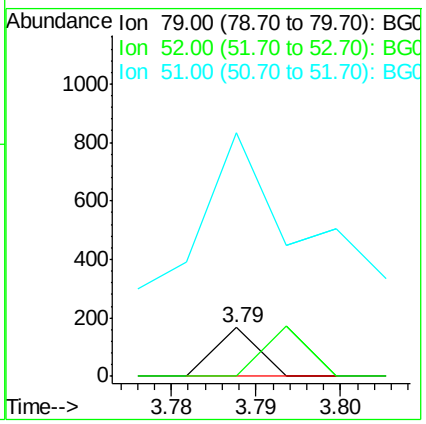


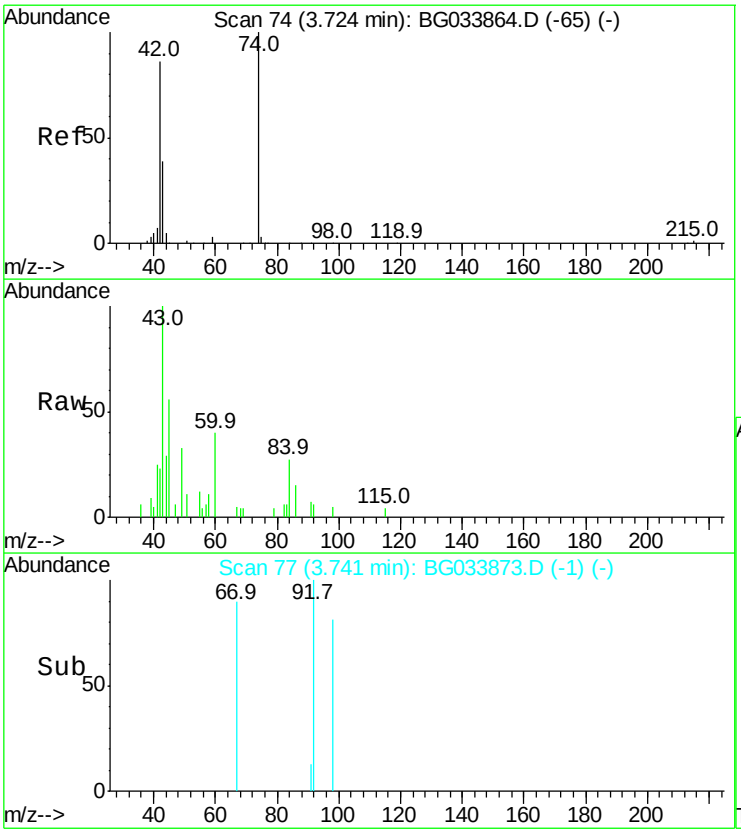
#3
Pyridine
Concen: 0.012 ng
RT: 3.79 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 59

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	498.8	34.0	51.0#

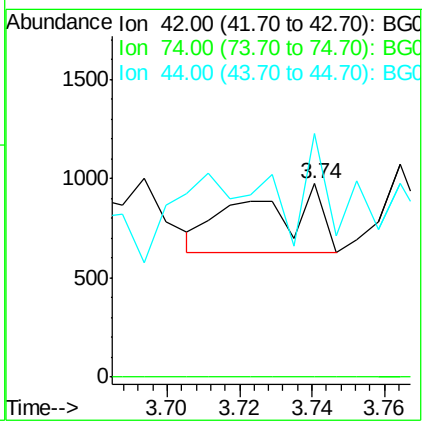


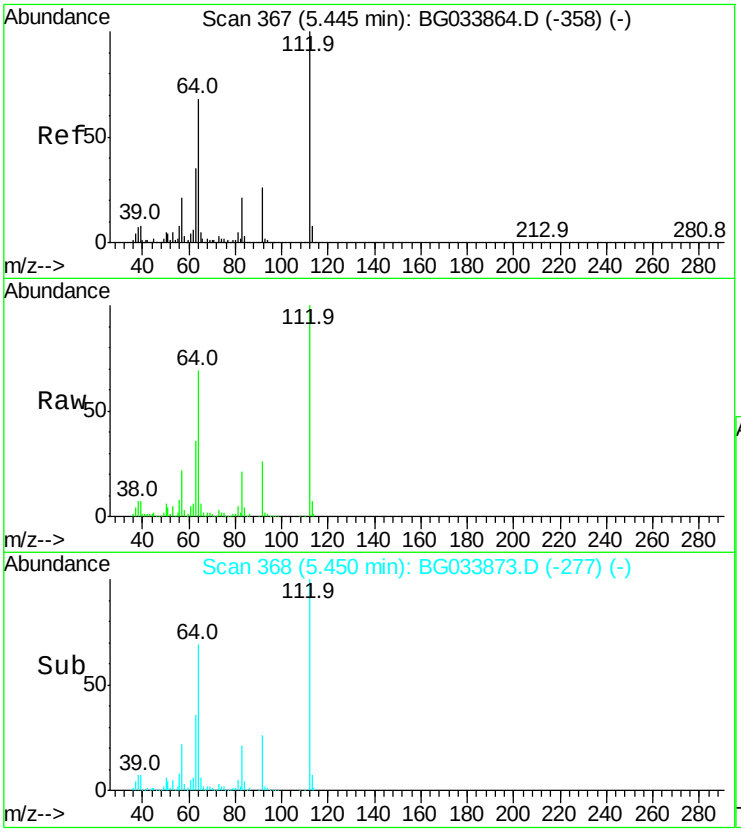


#4
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.74 min Scan# 77
Delta R.T. 0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion: 42 Resp: 469

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	126.0	18.9	28.3#



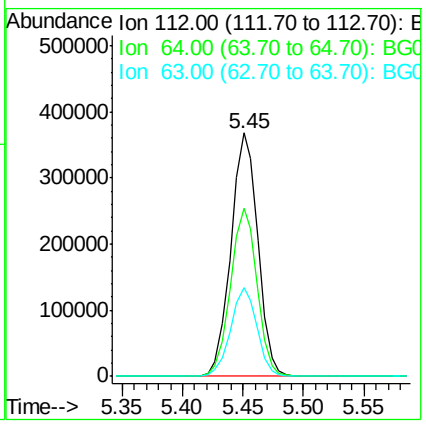


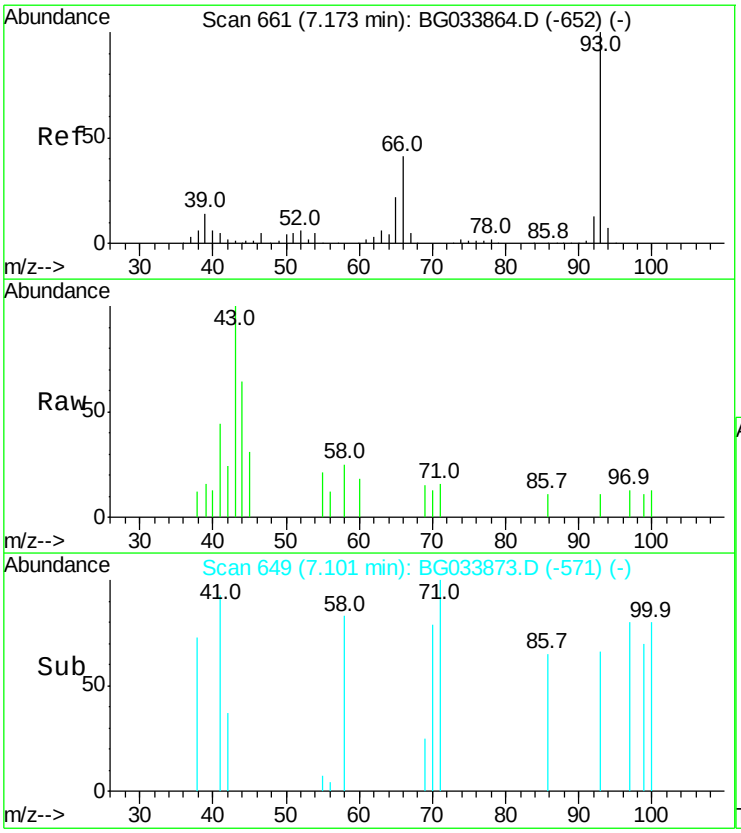
#5
2-Fluorophenol
Concen: 137.457 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 571272

Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.3	84.5
63	36.3	30.1	45.1

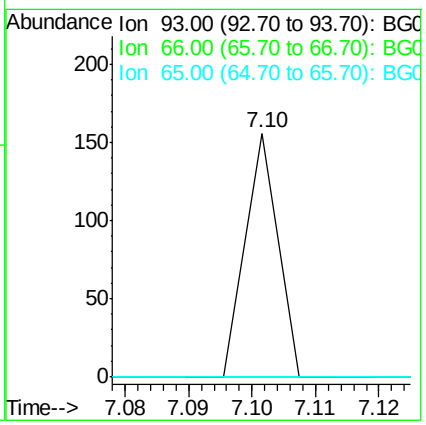


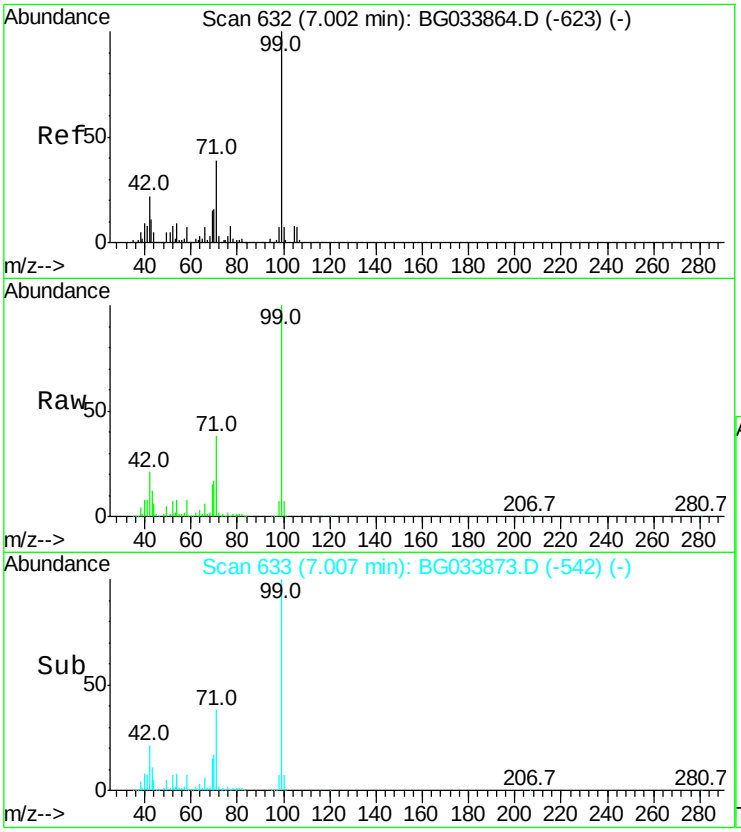


#6
Aniline
Concen: 0.007 ng
RT: 7.10 min Scan# 649
Delta R.T. -0.07 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion: 93 Resp: 55

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



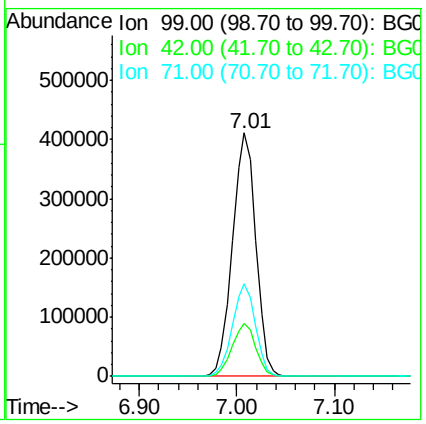


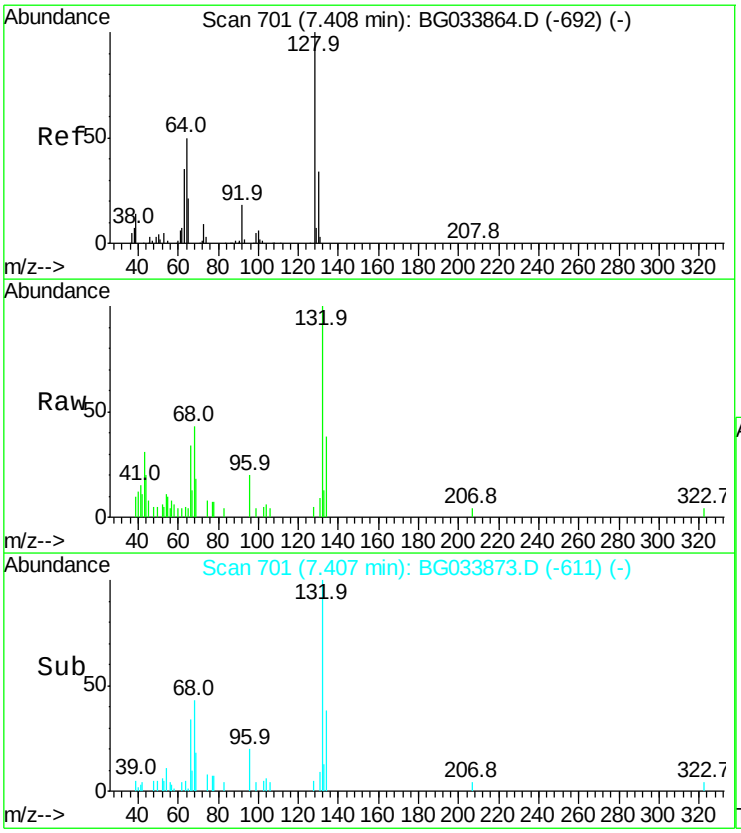
#7
Phenol-d6
Concen: 112.282 ng
RT: 7.01 min Scan# 633
Delta R.T. 0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 680631

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.1	21.1#
71	38.2	26.1	39.1

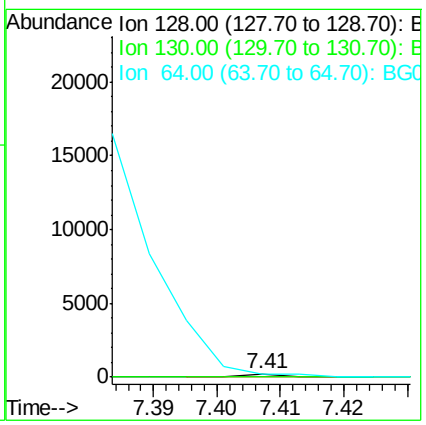


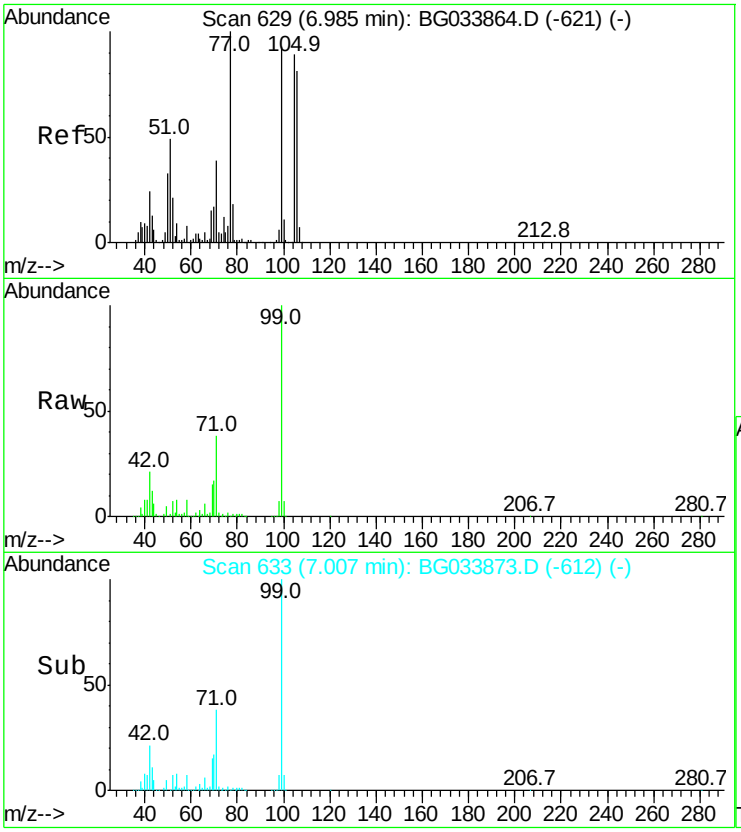


#8
2-Chlorophenol
Concen: 0.017 ng
RT: 7.41 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:128 Resp: 77

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	107.3	37.7	77.7#



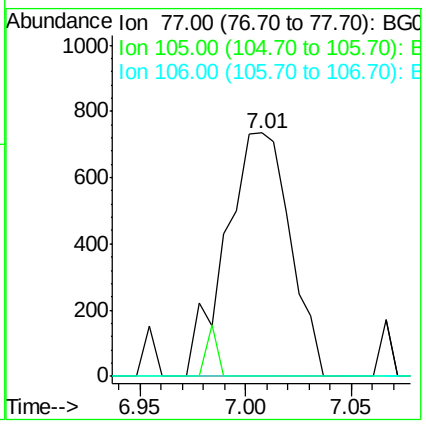


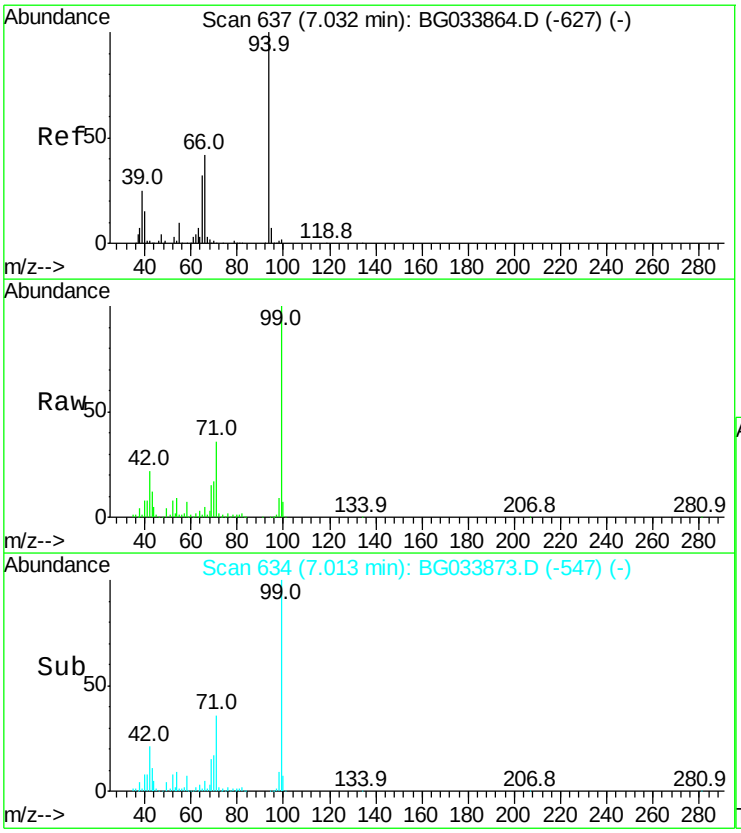
#9
Benzaldehyde
Concen: Below Cal
RT: 7.01 min Scan# 633
Delta R.T. 0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1552

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

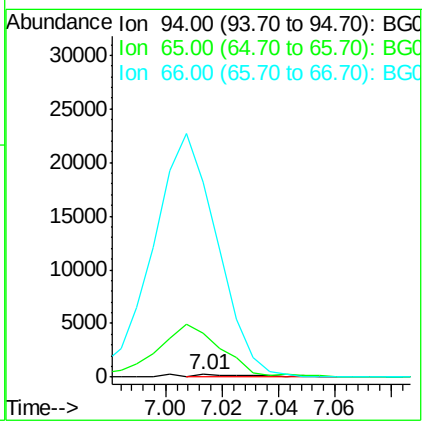


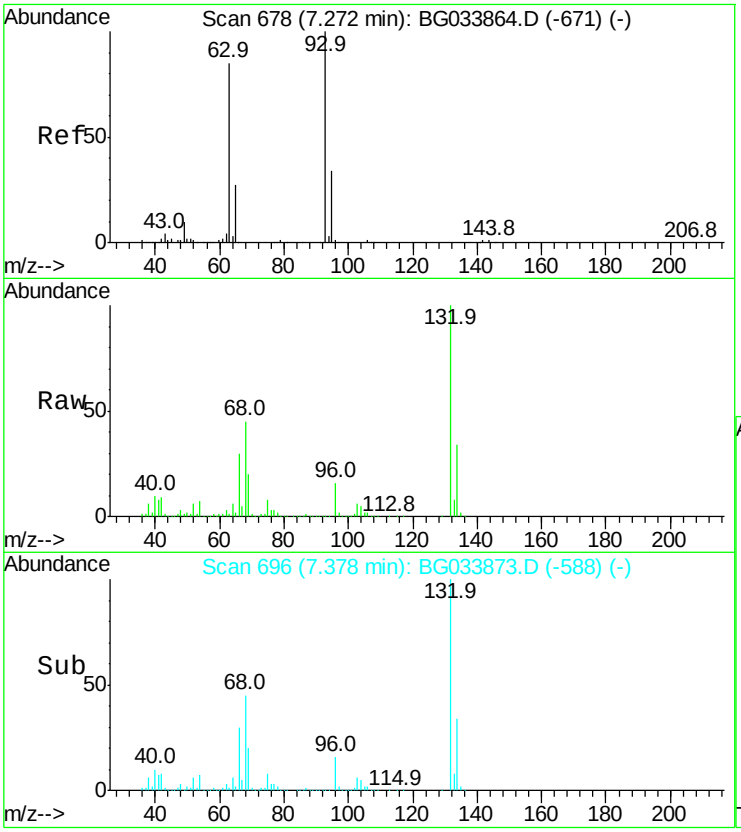


#10
Phenol
Concen: 0.059 ng
RT: 7.01 min Scan# 634
Delta R.T. -0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion: 94 Resp: 364

Ion	Ratio	Lower	Upper
94	100		
65	1806.6	11.9	51.9#
66	8024.7	22.2	62.2#



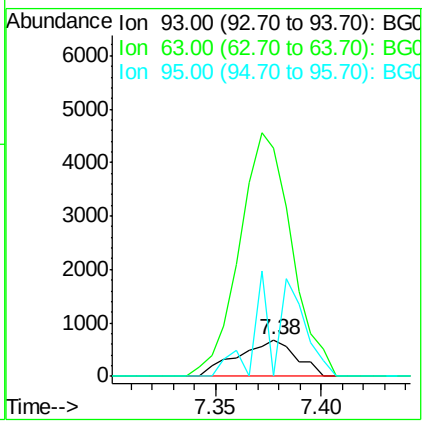


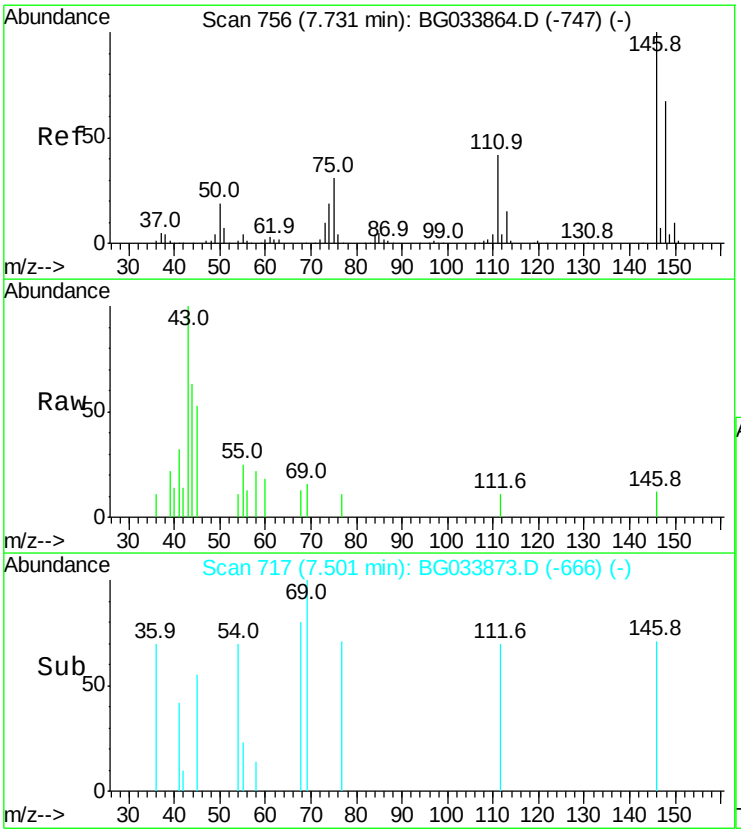
#11
bis(2-Chloroethyl)ether
Concen: 0.274 ng
RT: 7.38 min Scan# 696
Delta R.T. 0.11 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 1300

Ion	Ratio	Lower	Upper
93	100		
63	617.8	67.1	107.1#
95	0.0	11.5	51.5#

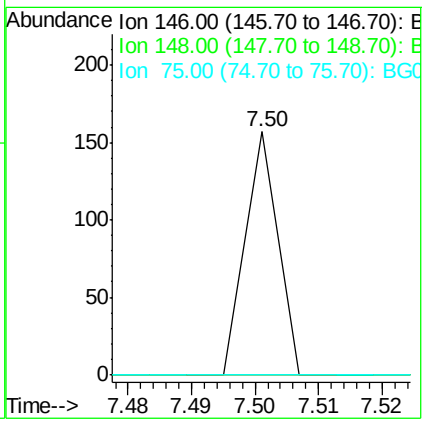


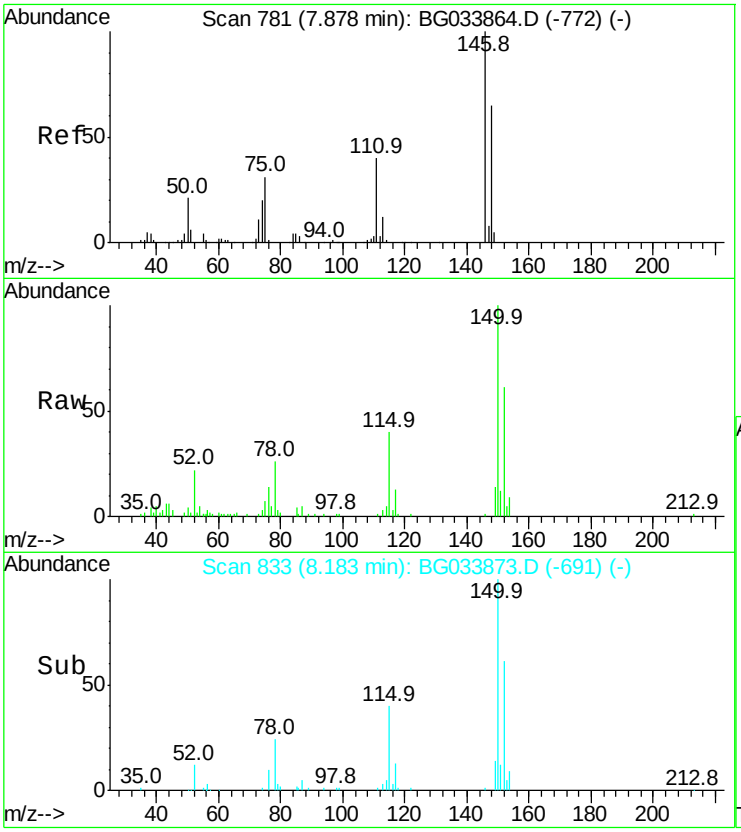


#12
1,3-Dichlorobenzene
Concen: 0.010 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.23 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:146 Resp: 55

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



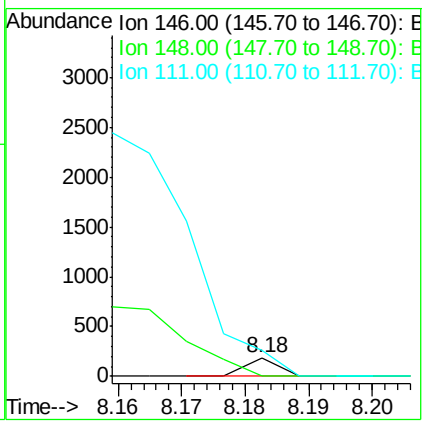


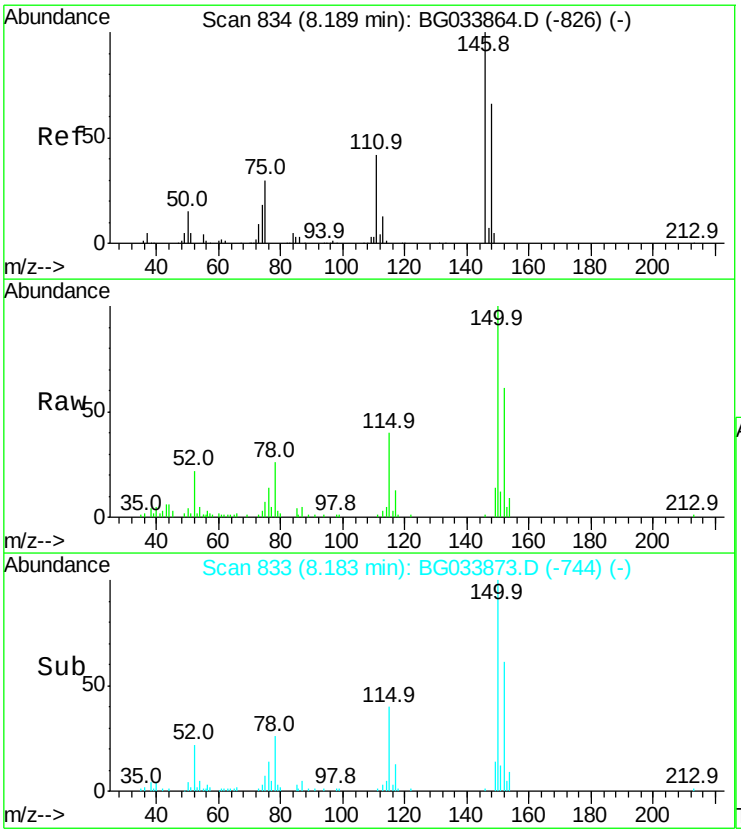
#13
1,4-Dichlorobenzene
Concen: 0.012 ng
RT: 8.18 min Scan# 833
Delta R.T. 0.30 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 66

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.7	80.5#
111	138.3	35.2	52.8#

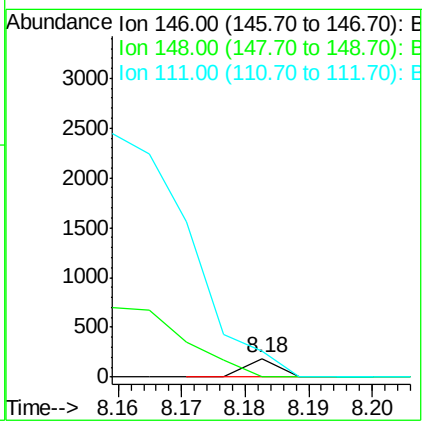


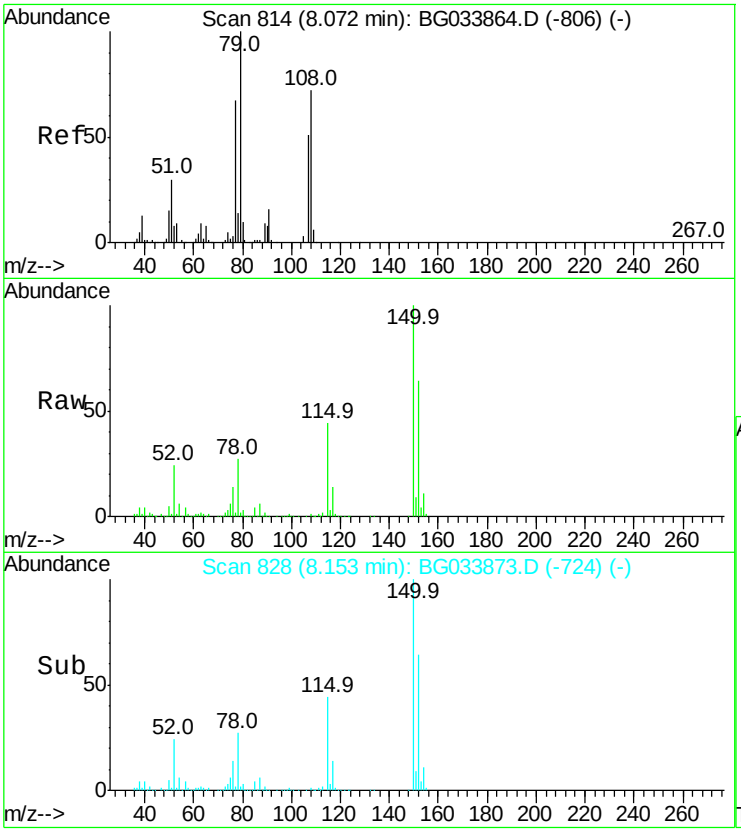


#14
1,2-Dichlorobenzene
Concen: 0.012 ng
RT: 8.18 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:146 Resp: 66

Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.3	73.9#
111	138.3	34.3	51.5#



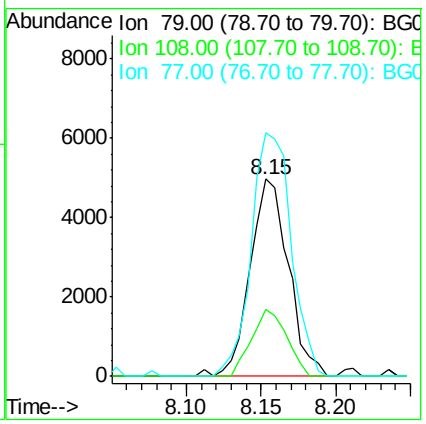


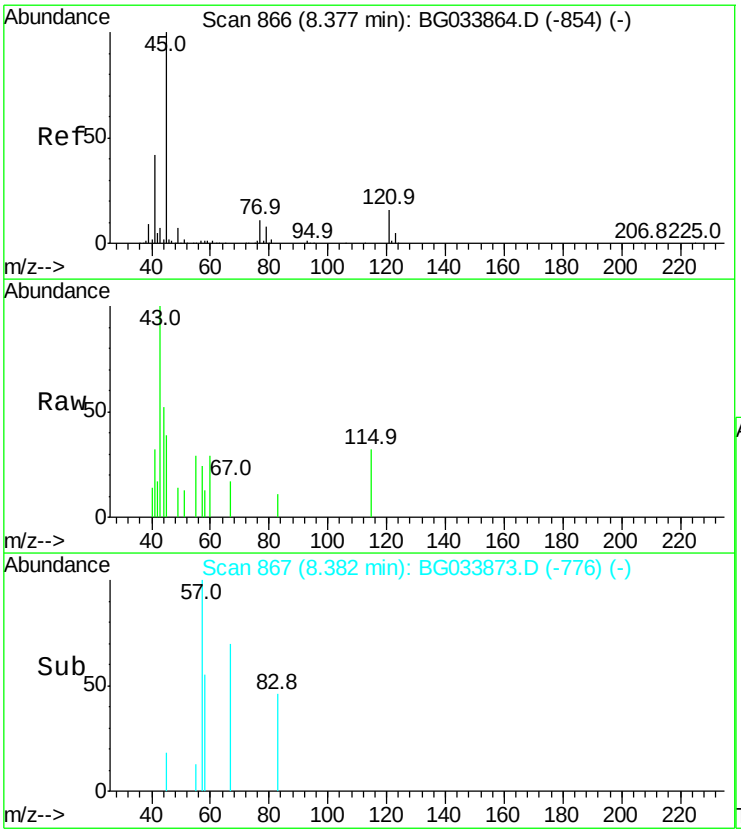
#15
Benzyl Alcohol
Concen: 1.668 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.08 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 8819

Ion	Ratio	Lower	Upper
79	100		
108	34.3	57.2	85.8#
77	123.7	46.1	69.1#

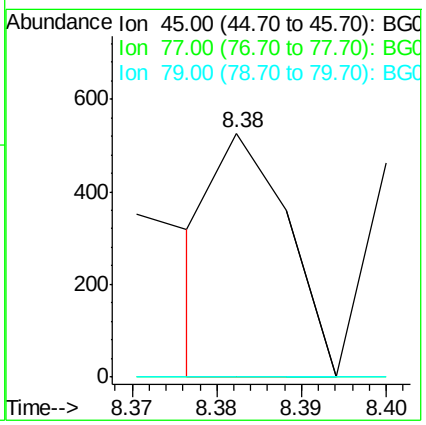


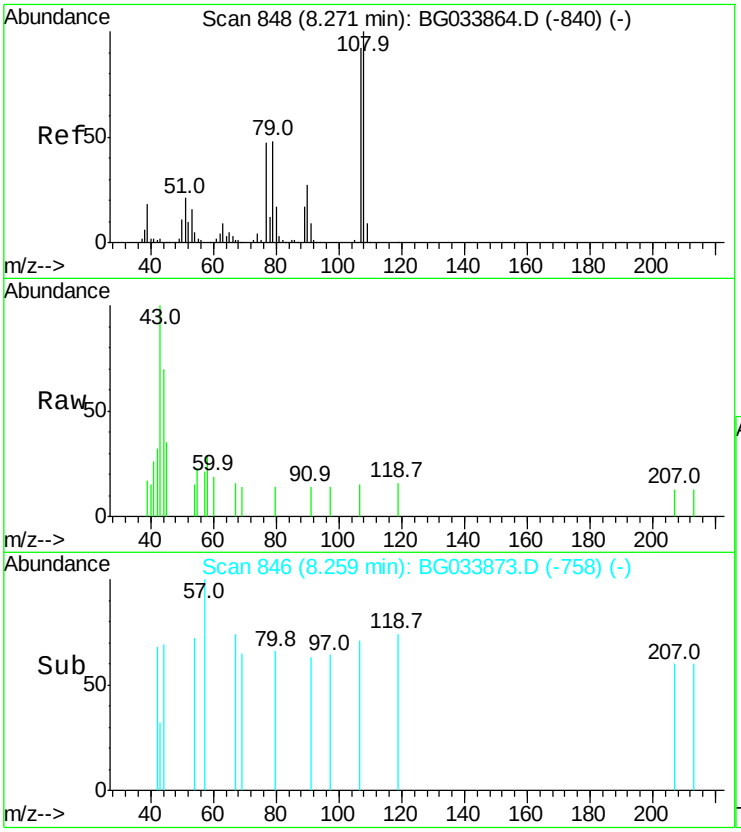


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.034 ng
RT: 8.38 min Scan# 867
Delta R.T. 0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion: 45 Resp: 313

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



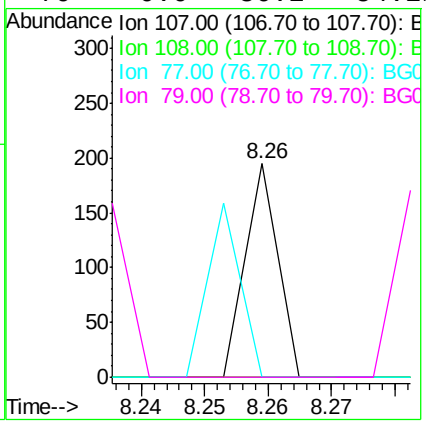


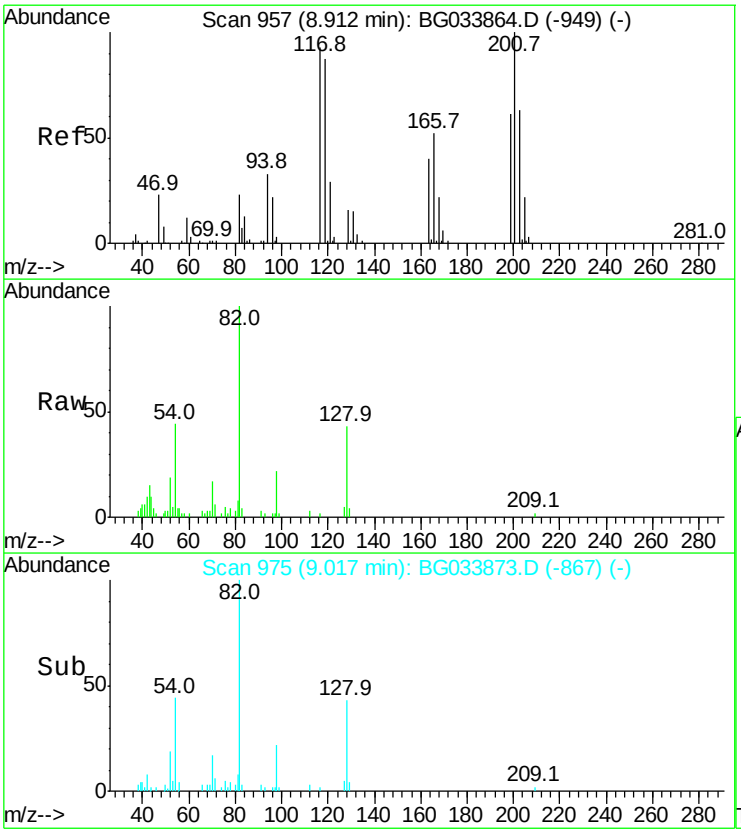
#17
2-Methylphenol
Concen: 0.015 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 69

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#

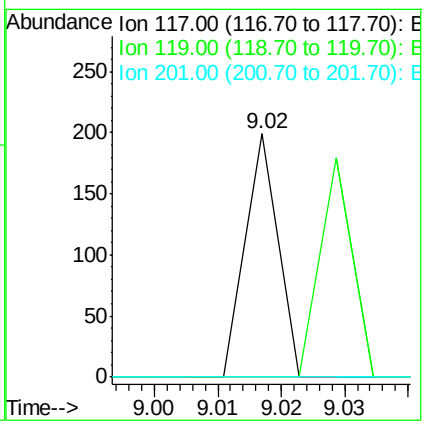


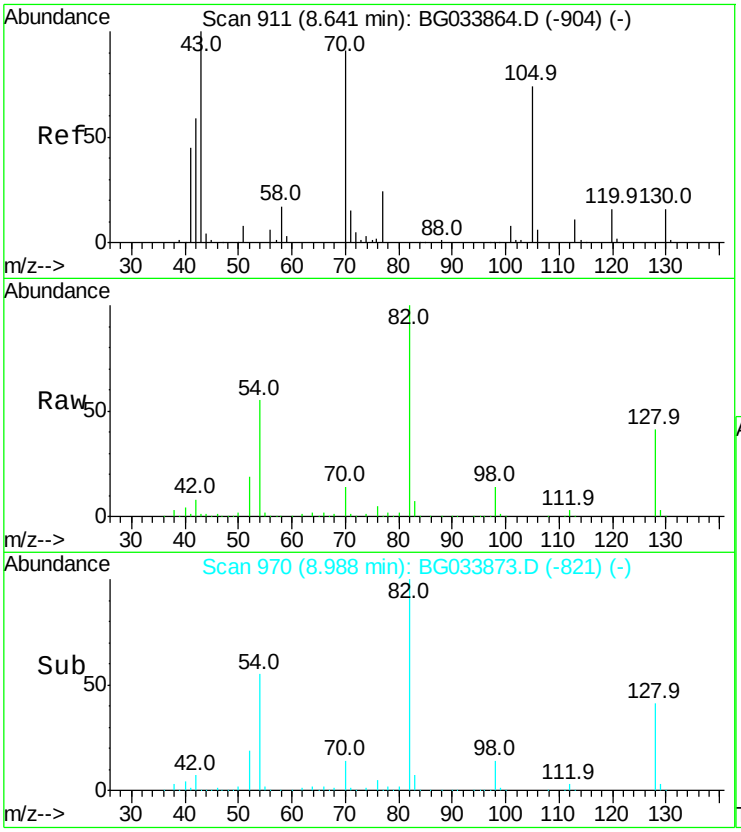


#18
Hexachloroethane
Concen: 0.035 ng
RT: 9.02 min Scan# 975
Delta R.T. 0.11 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:117 Resp: 70

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



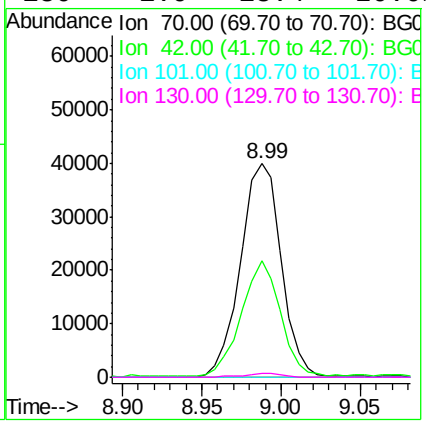


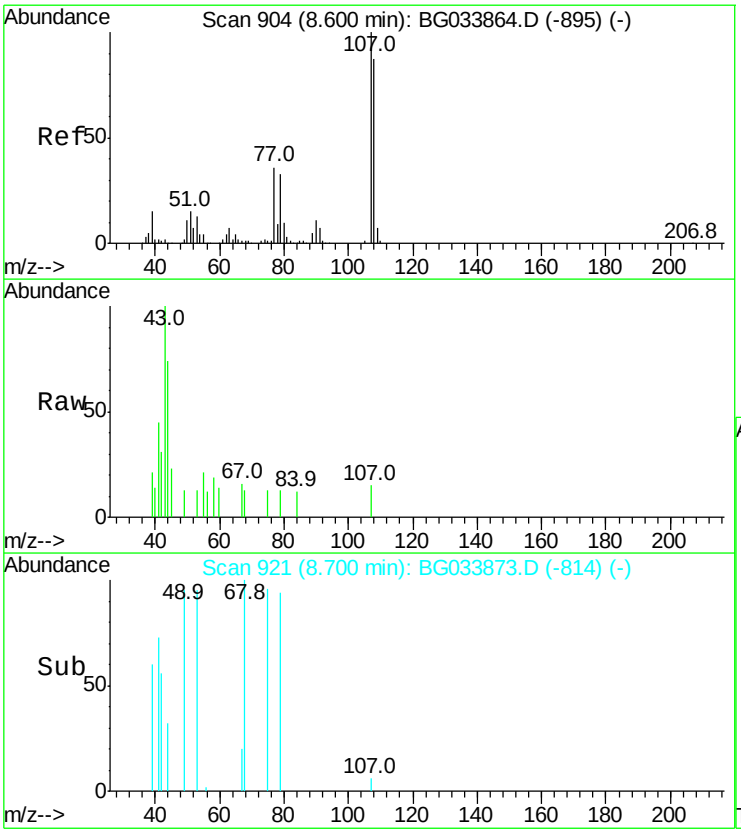
#19
n-Nitroso-di-n-propylamine
Concen: 13.783 ng
RT: 8.99 min Scan# 970
Delta R.T. 0.35 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 71218

Ion	Ratio	Lower	Upper
70	100		
42	54.4	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

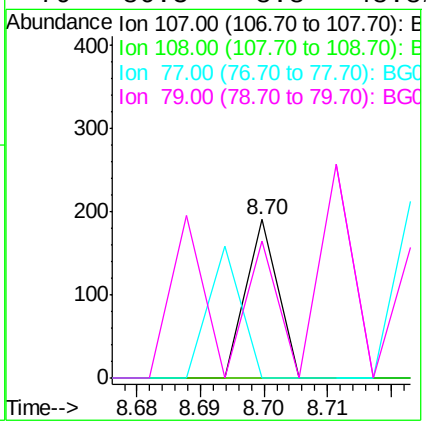


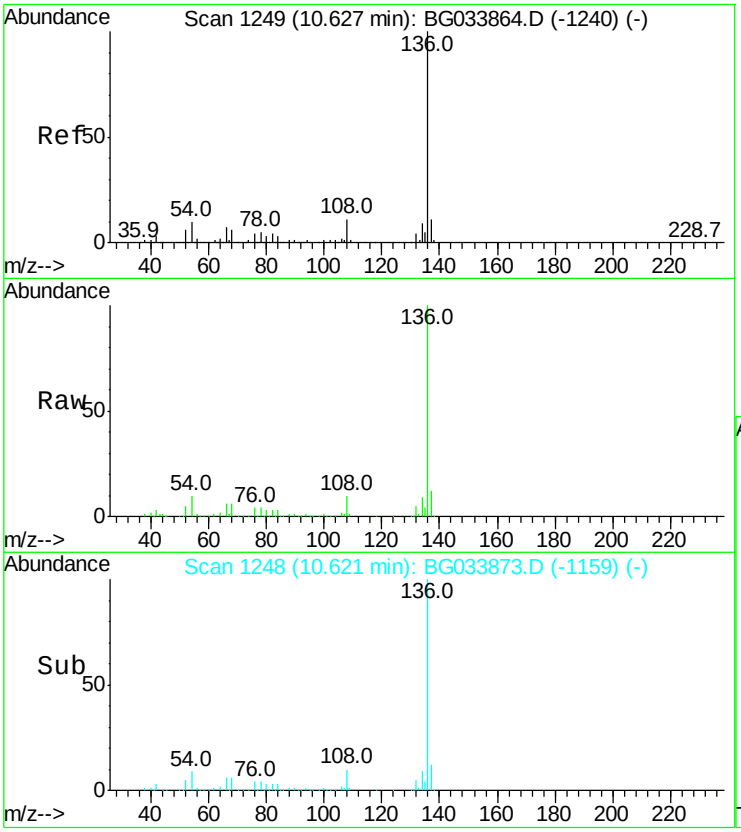


#20
3+4-Methylphenols
Concen: 0.010 ng
RT: 8.70 min Scan# 921
Delta R.T. 0.10 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:107 Resp: 67

Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	0.0	13.9	53.9#
79	86.3	8.8	48.8#



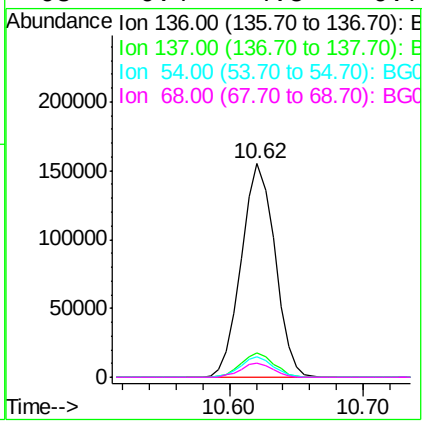


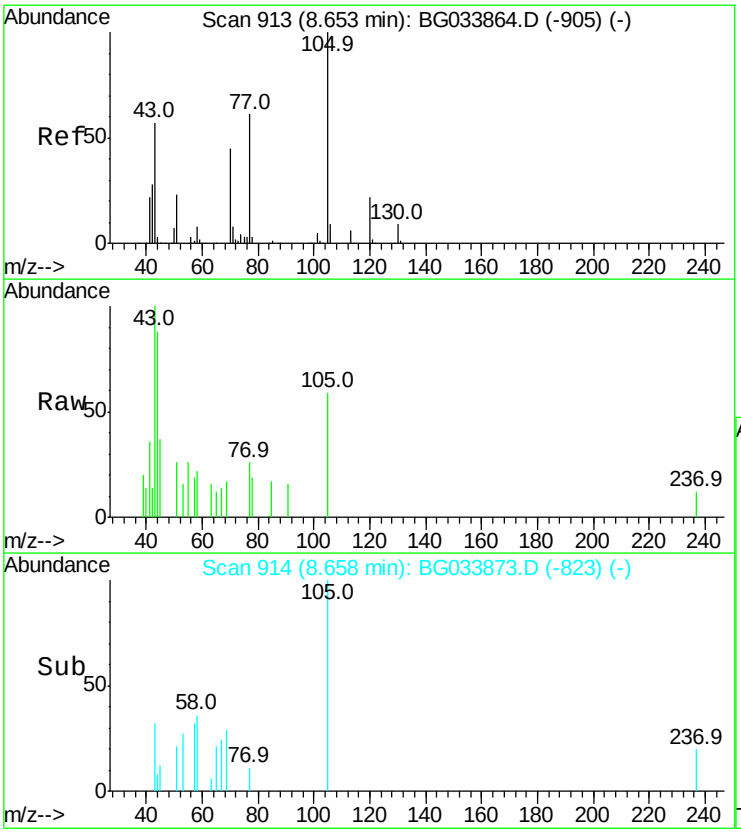
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 269975

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.5	10.3	15.5#
68	6.4	4.5	6.7

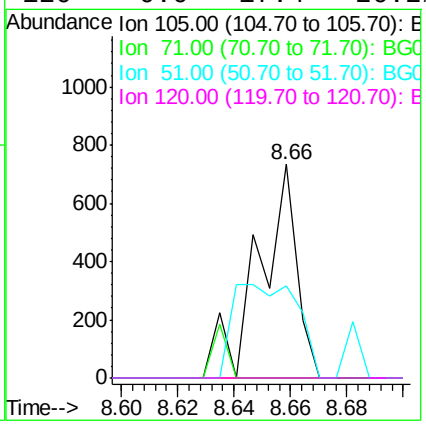


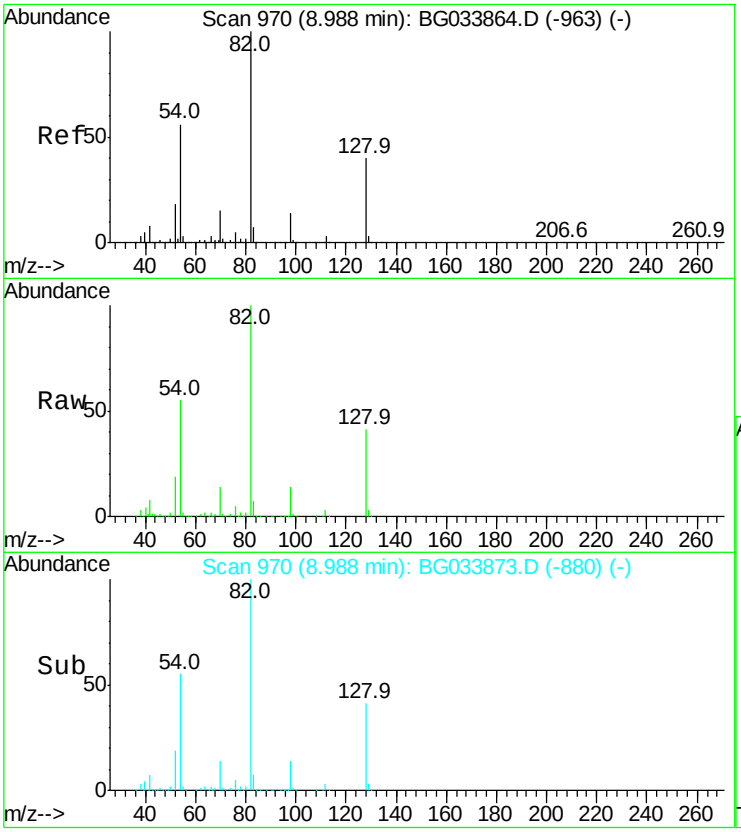


#22
Acetophenone
Concen: 0.094 ng
RT: 8.66 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:105 Resp: 690

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	43.2	26.1	39.1#
120	0.0	17.4	26.2#



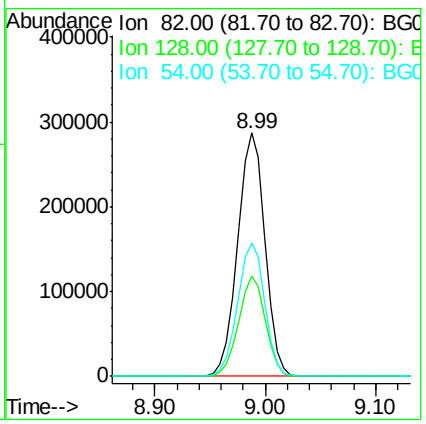


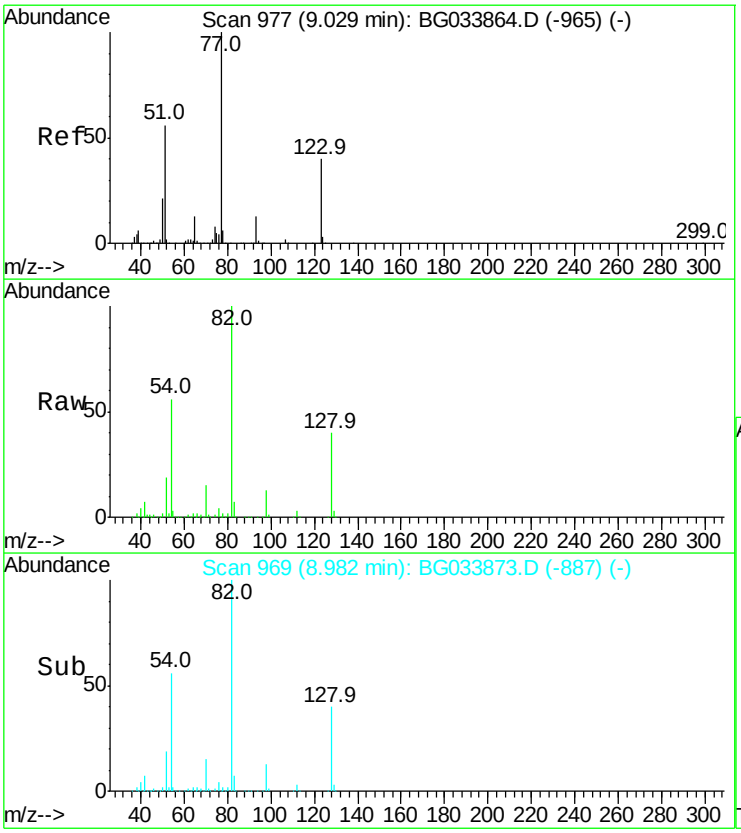
#23
Nitrobenzene-d5
Concen: 105.150 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 498826

Ion	Ratio	Lower	Upper
82	100		
128	41.1	29.7	44.5
54	54.9	43.1	64.7

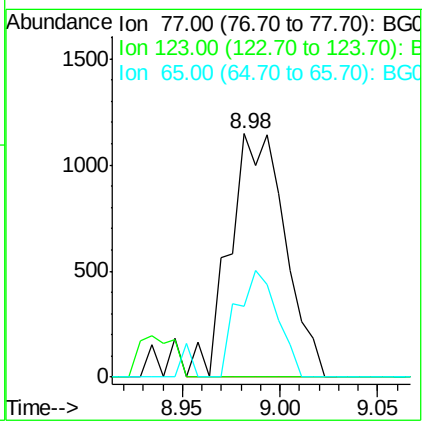


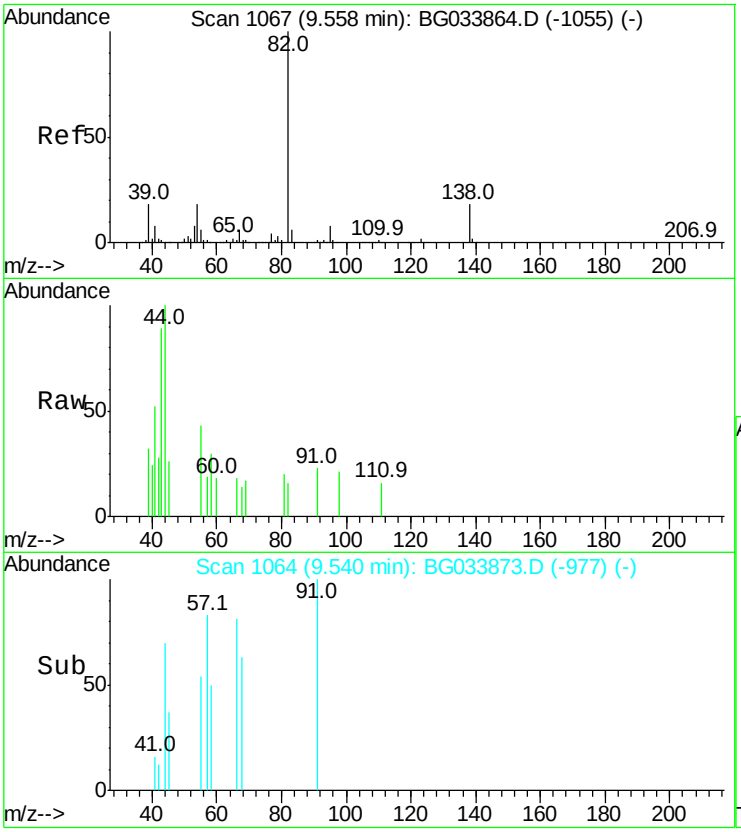


#24
Nitrobenzene
Concen: 0.438 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.05 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion: 77 Resp: 2263

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	29.1	13.0	19.6#



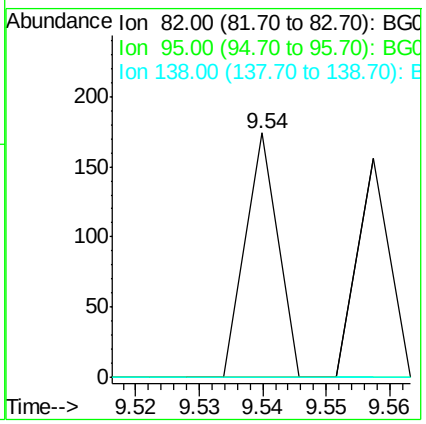


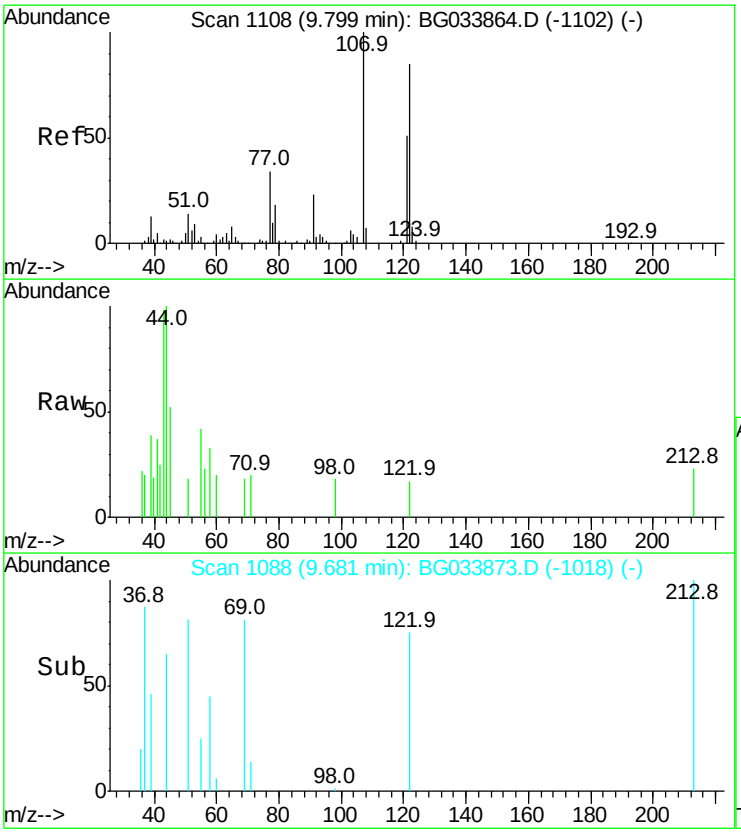
#25
Isophorone
Concen: 0.006 ng
RT: 9.54 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 61

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

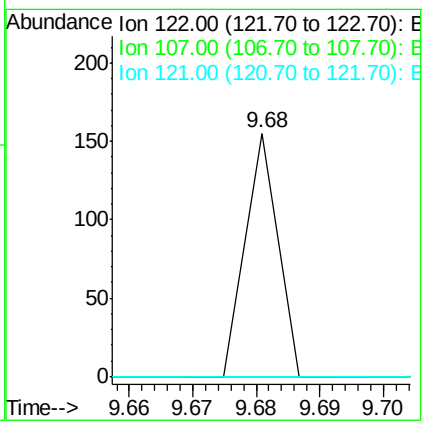


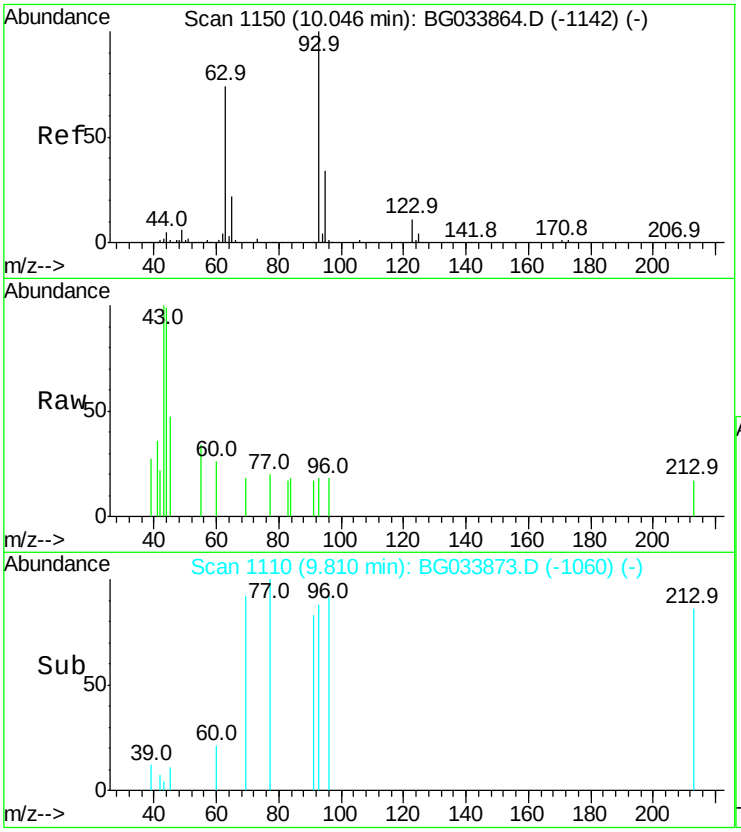


#27
2,4-Dimethylphenol
Concen: 0.014 ng
RT: 9.68 min Scan# 1088
Delta R.T. -0.12 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:122 Resp: 55

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



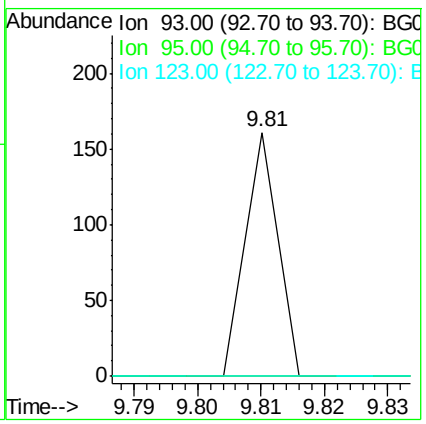


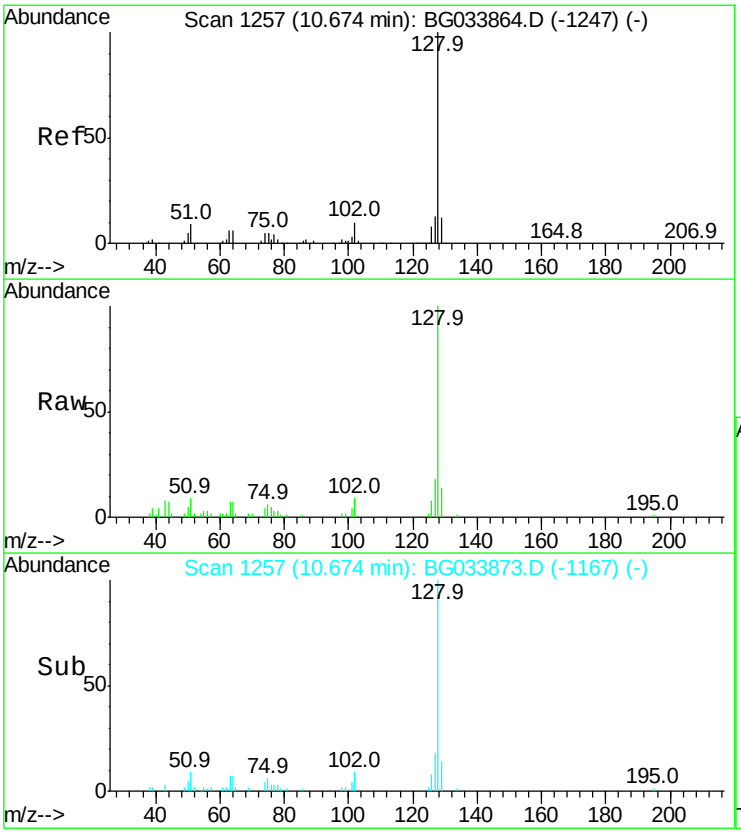
#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 9.81 min Scan# 1110
Delta R.T. -0.24 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 57

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

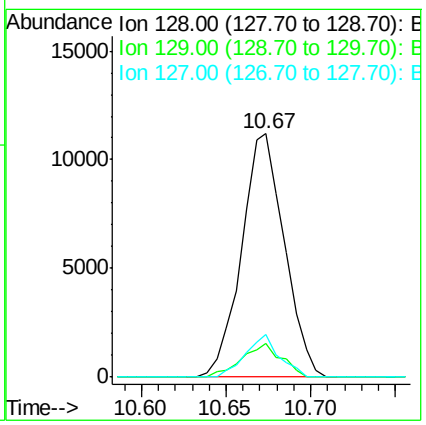


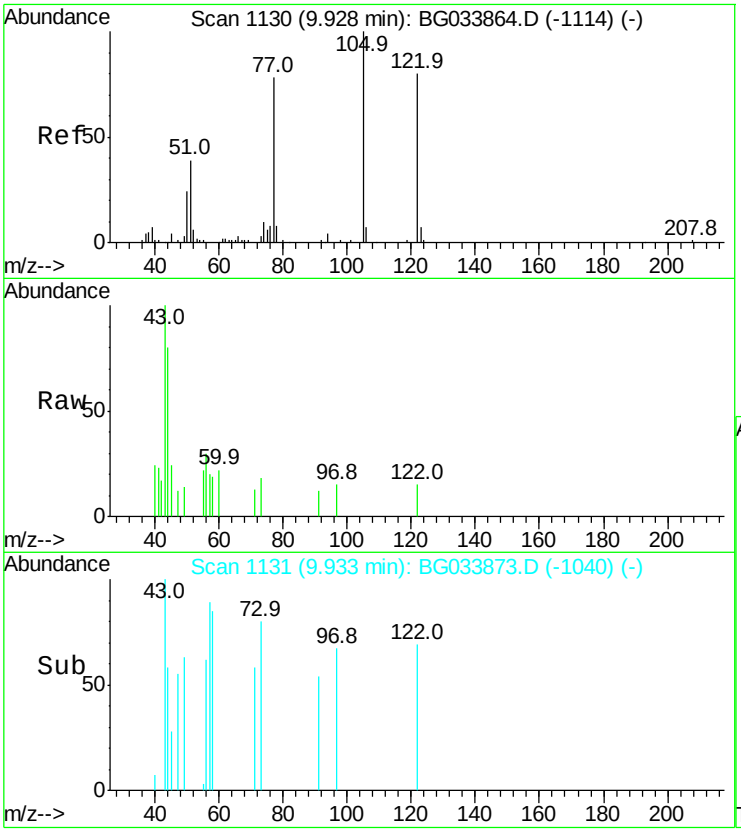


#31
Naphthalene
Concen: 1.414 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:128 Resp: 19633

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.6	12.8#
127	17.6	11.6	17.4#



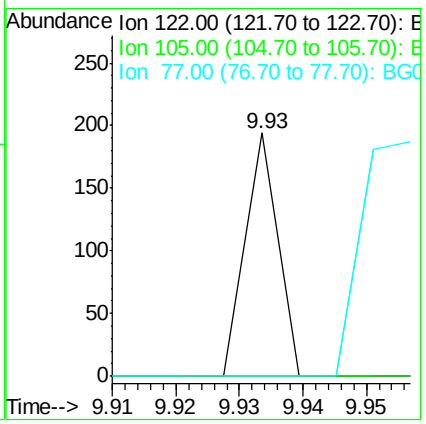


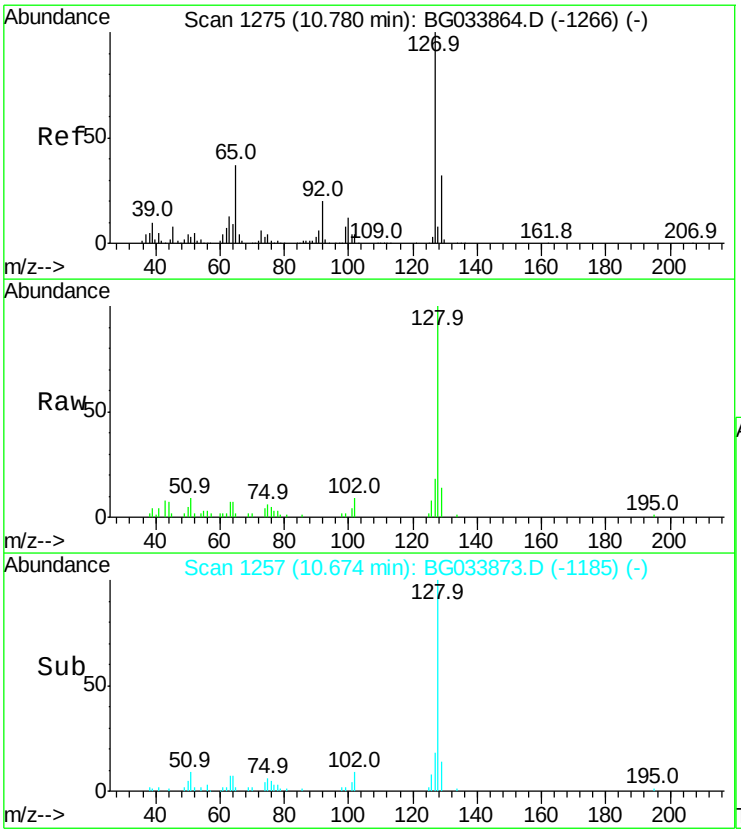
#32
Benzoic acid
Concen: 5.100 ng
RT: 9.93 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 68

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

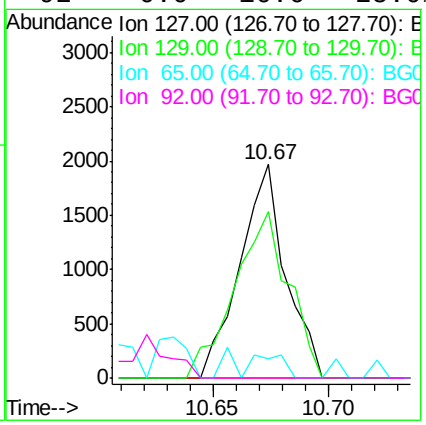


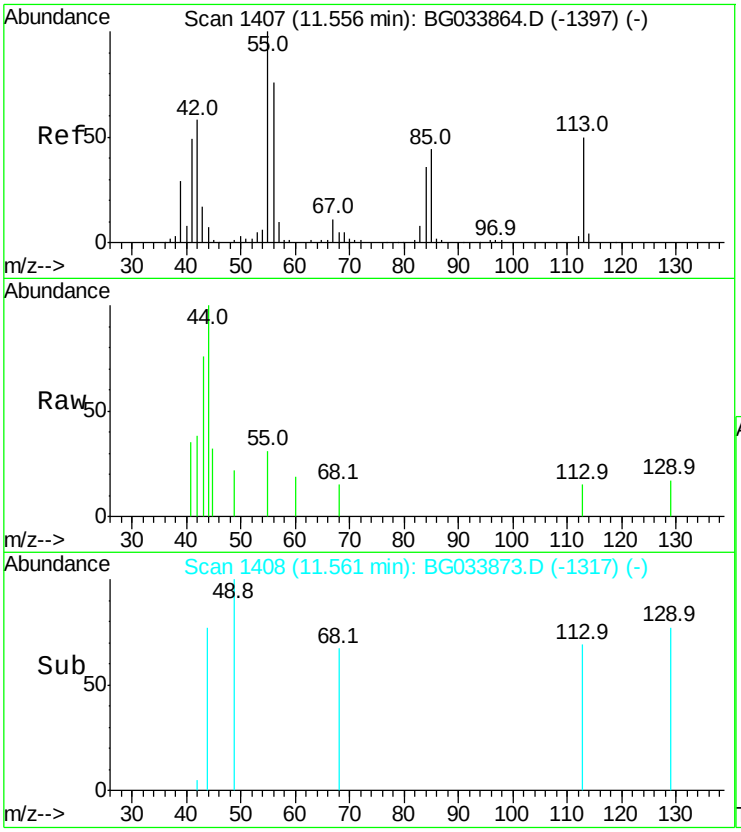


#33
4-Chloroaniline
Concen: 0.416 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.11 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:127 Resp: 2715

Ion	Ratio	Lower	Upper
127	100		
129	77.7	24.0	36.0#
65	8.8	27.0	40.4#
92	0.0	16.6	25.0#



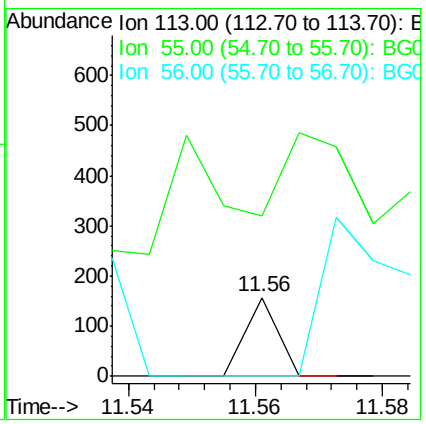


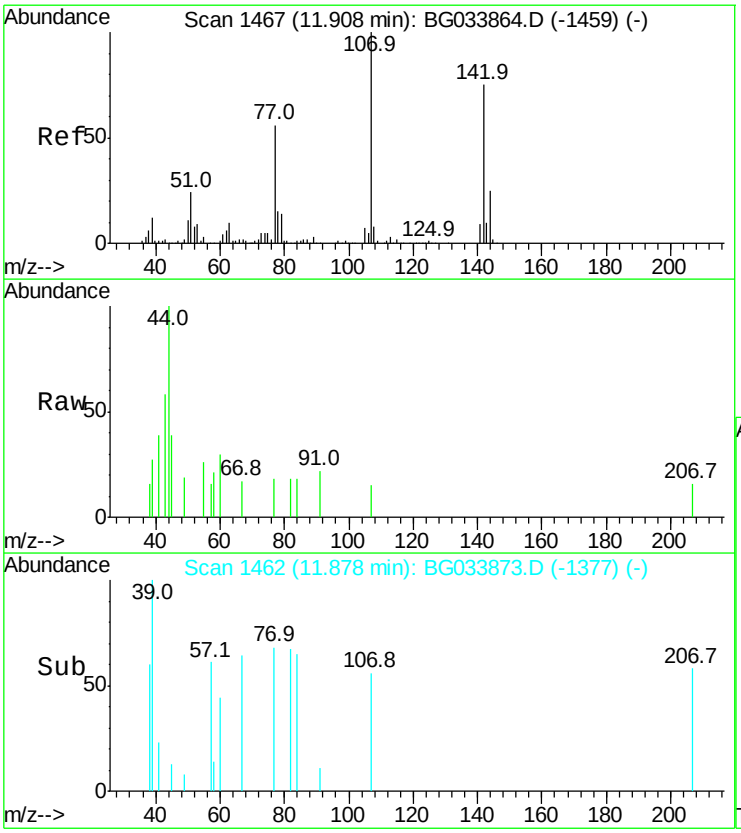
#35
Caprolactam
Concen: 0.030 ng
RT: 11.56 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 55

Ion	Ratio	Lower	Upper
113	100		
55	203.2	186.9	226.9
56	0.0	130.9	170.9#

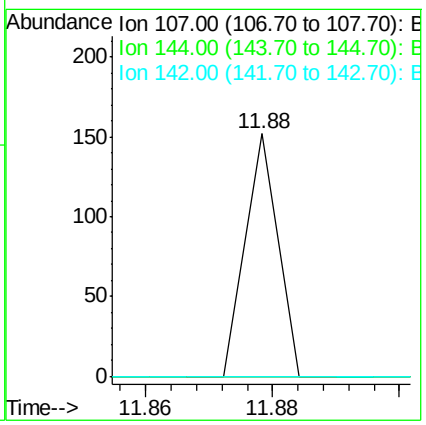


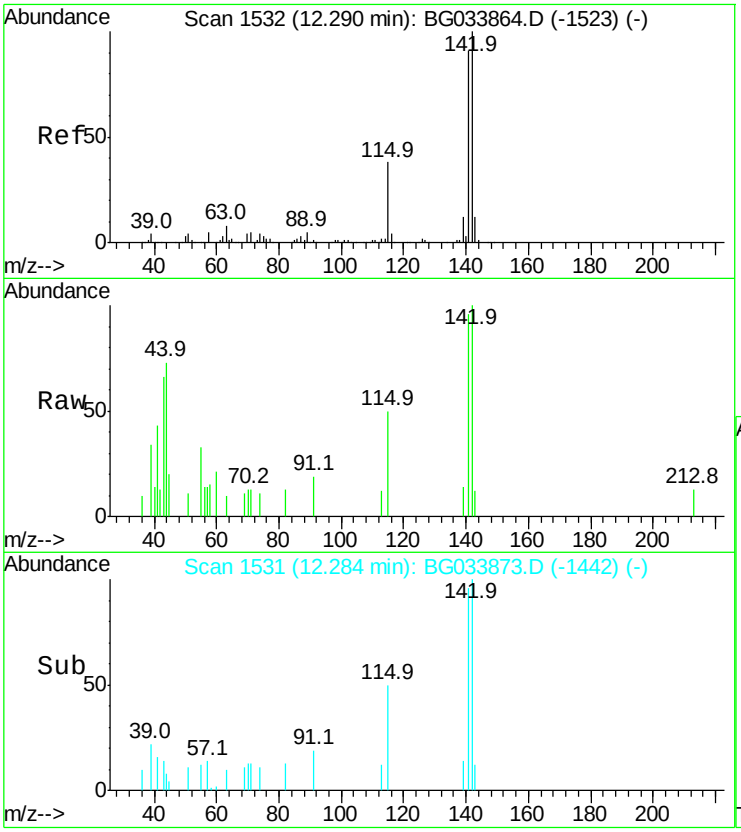


#36
4-Chloro-3-methylphenol
Concen: 0.010 ng
RT: 11.88 min Scan# 1462
Delta R.T. -0.03 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:107 Resp: 54

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



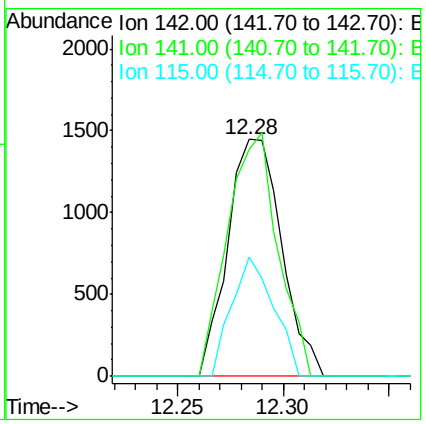


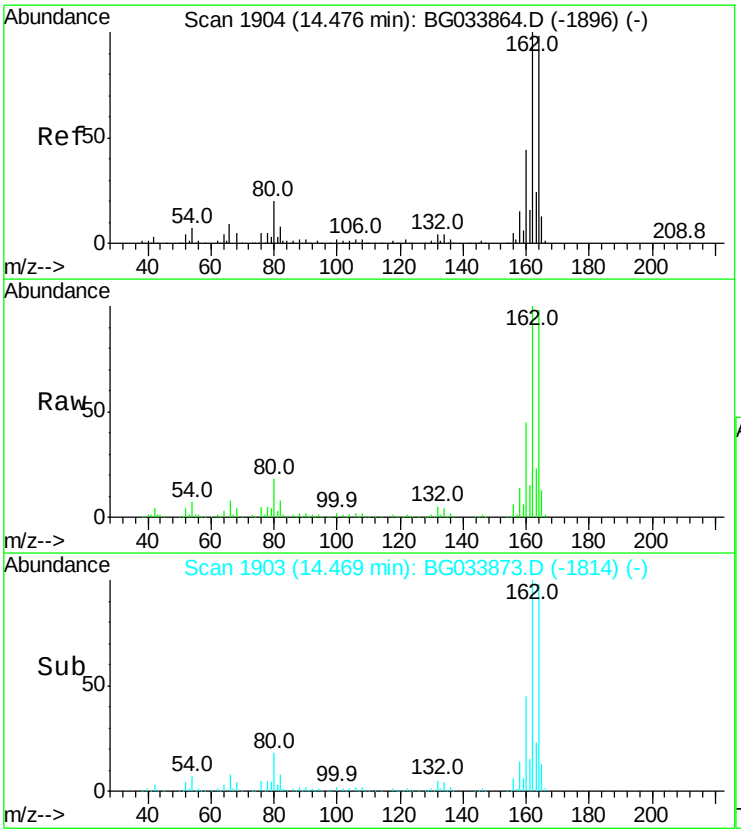
#37
2-Methylnaphthalene
Concen: 0.241 ng
RT: 12.28 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 2562

Ion	Ratio	Lower	Upper
142	100		
141	85.2	67.1	100.7
115	44.9	30.7	46.1

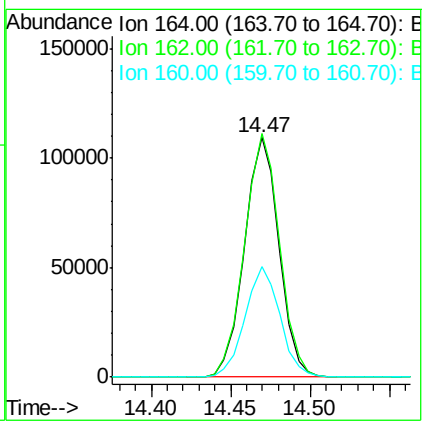


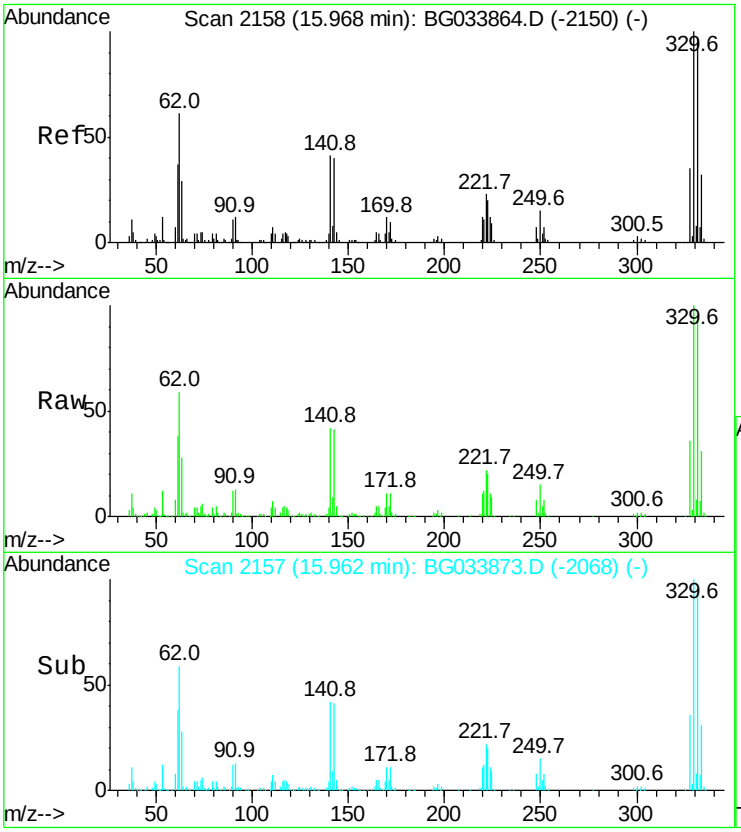


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:164 Resp: 165295

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	46.2	35.4	53.0



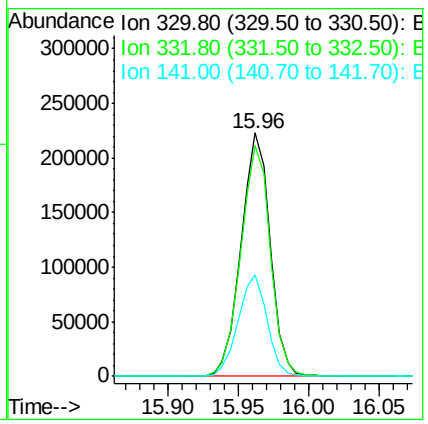


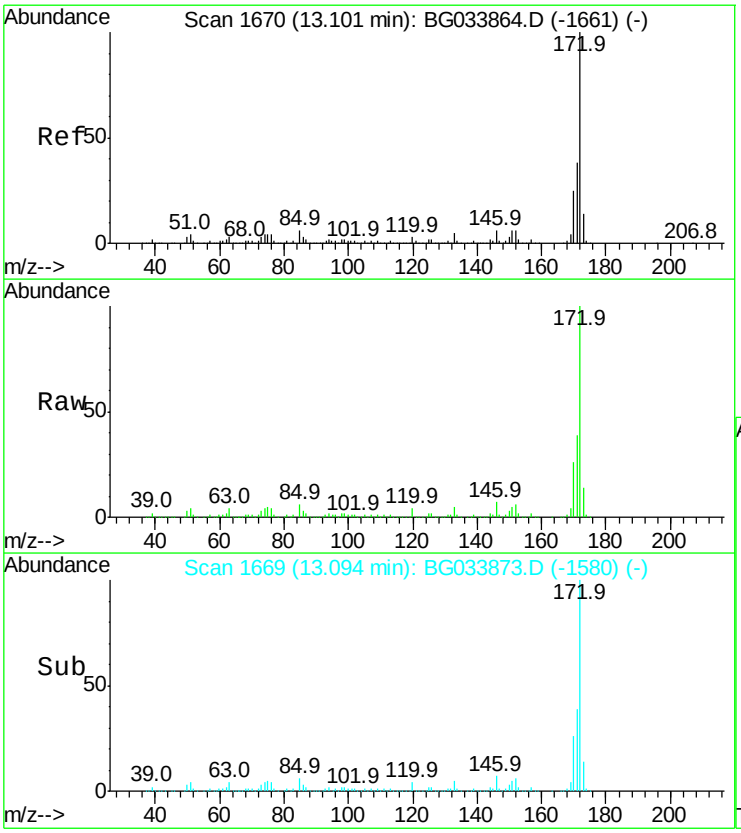
#41
2,4,6-Tribromophenol
Concen: 166.774 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 321613

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

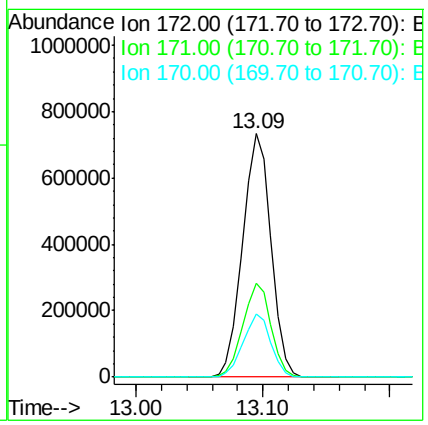


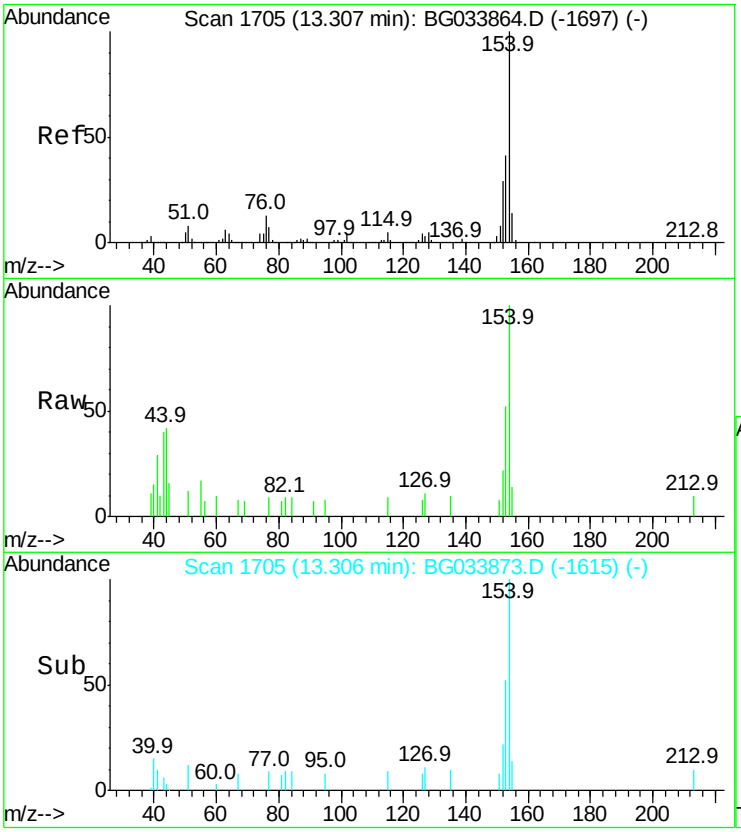


#44
2-Fluorobiphenyl
Concen: 101.181 ng
RT: 13.09 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:172 Resp: 1138494

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.9	19.5	29.3



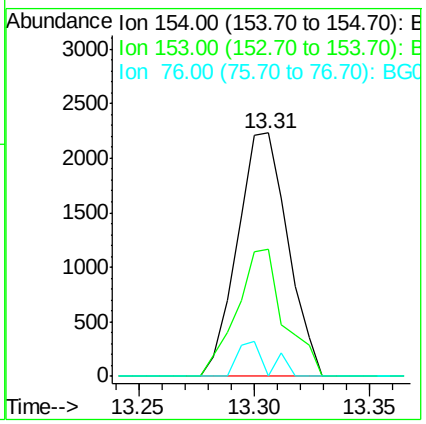


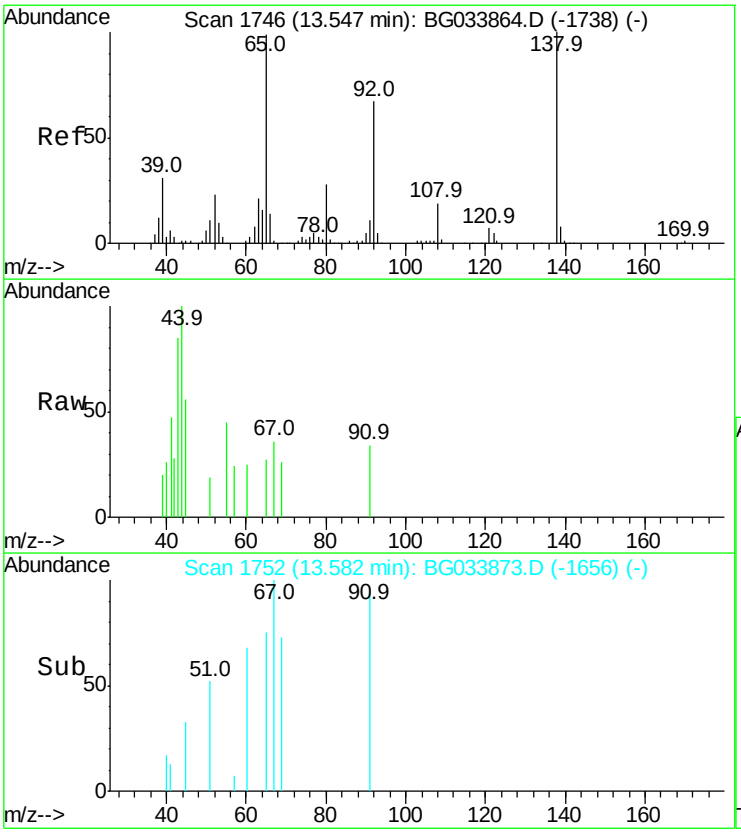
#45
1,1'-Biphenyl
Concen: 0.253 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 3385

Ion	Ratio	Lower	Upper
154	100		
153	52.5	19.8	59.8
76	0.0	0.0	31.9

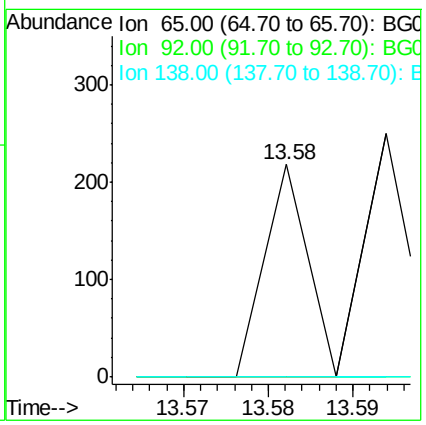


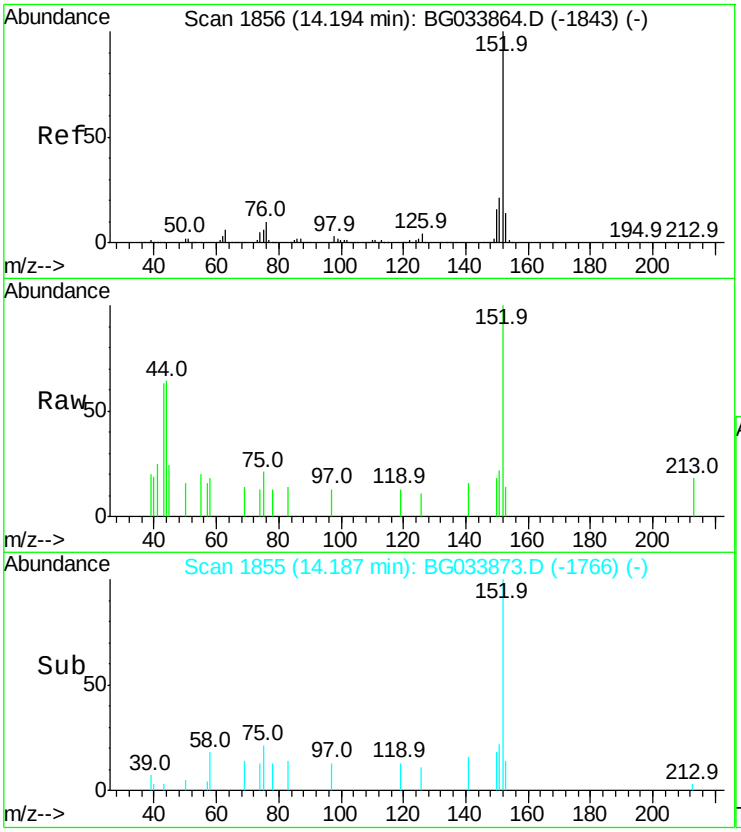


#47
2-Nitroaniline
Concen: 0.024 ng
RT: 13.58 min Scan# 1752
Delta R.T. 0.03 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion: 65 Resp: 77

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



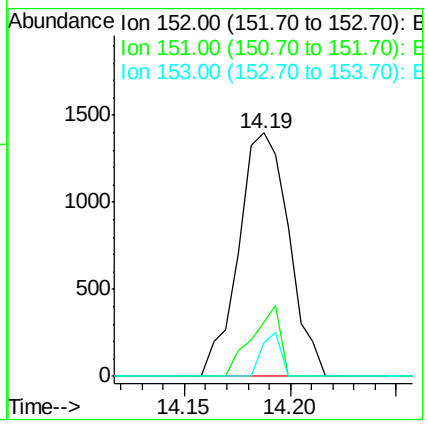


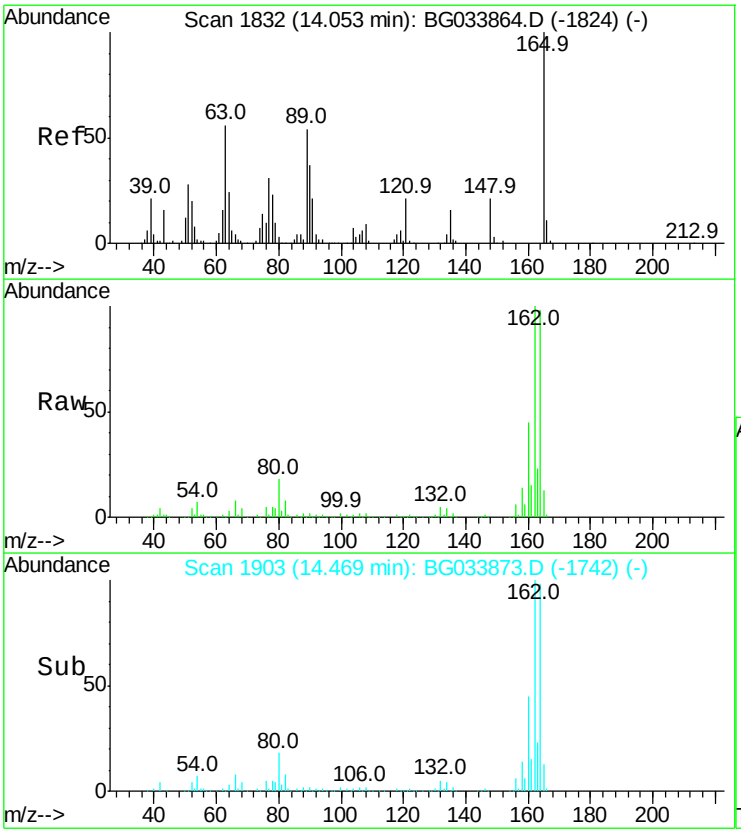
#48
Acenaphthylene
Concen: 0.137 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 2308

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.2	25.8
153	13.7	10.2	15.4

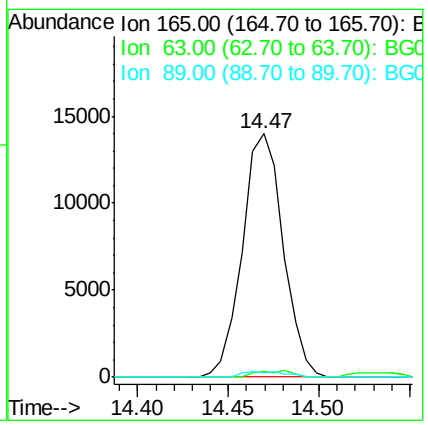


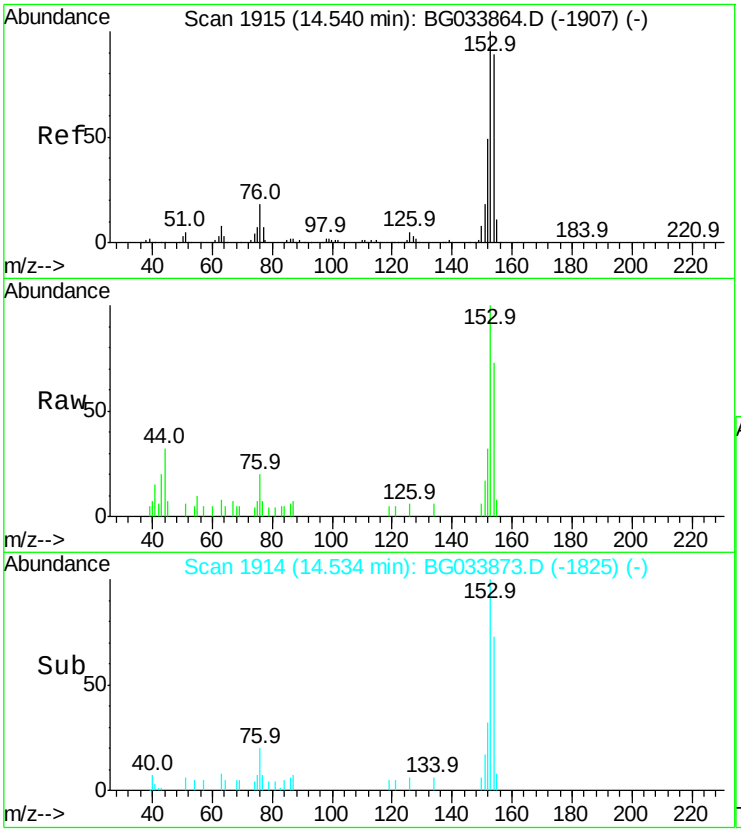


#50
2,6-Dinitrotoluene
Concen: 7.936 ng
RT: 14.47 min Scan# 1903
Delta R.T. 0.42 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:165 Resp: 21869

Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.7	79.1#
89	1.9	49.2	73.8#



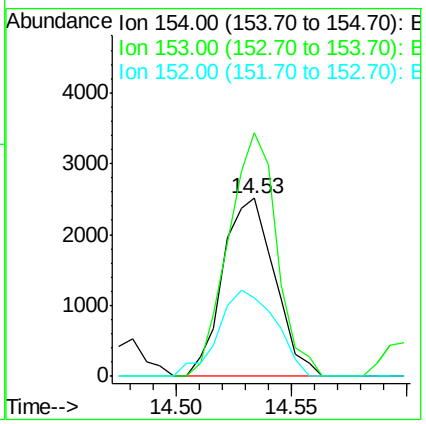


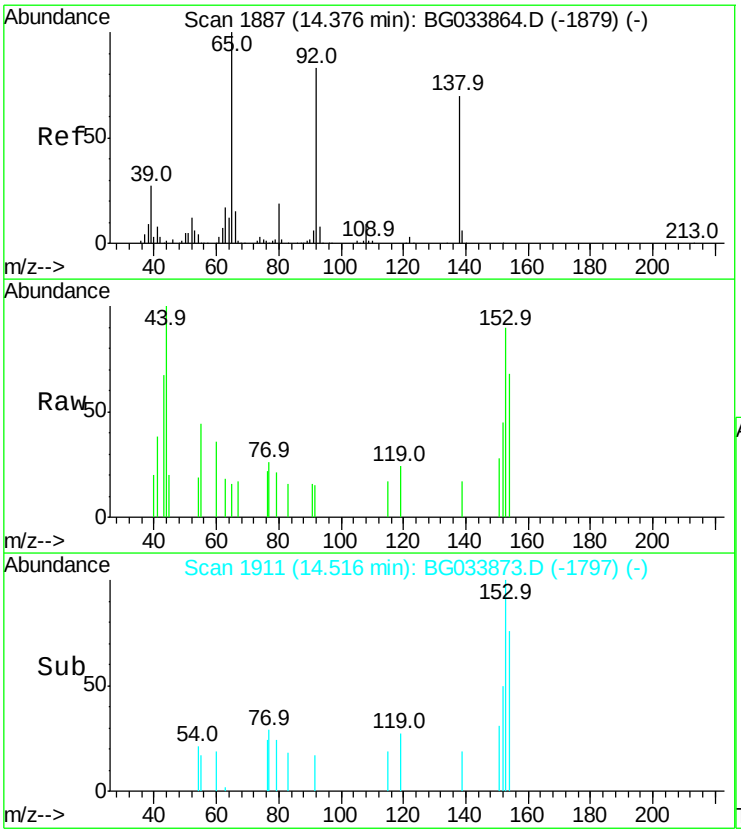
#51
Acenaphthene
Concen: 0.371 ng
RT: 14.53 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 3927

Ion	Ratio	Lower	Upper
154	100		
153	136.6	90.4	135.6#
152	44.1	41.6	62.4

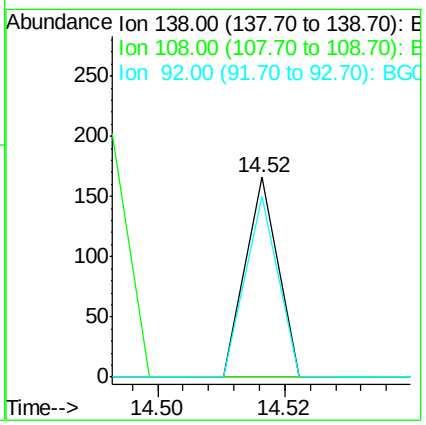


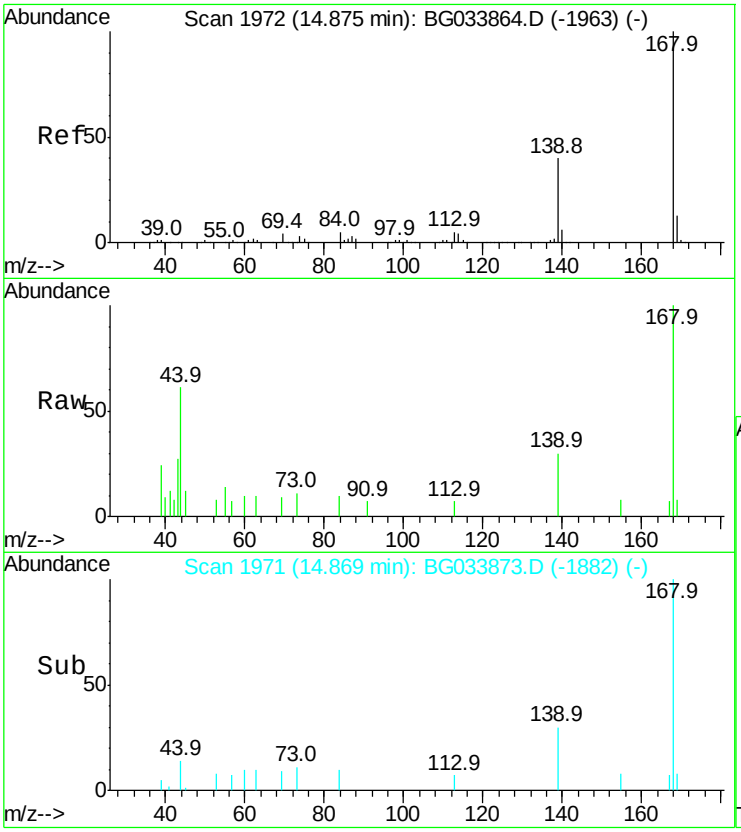


#52
3-Nitroaniline
Concen: 0.020 ng
RT: 14.52 min Scan# 1911
Delta R.T. 0.14 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	90.4	105.8	158.8#



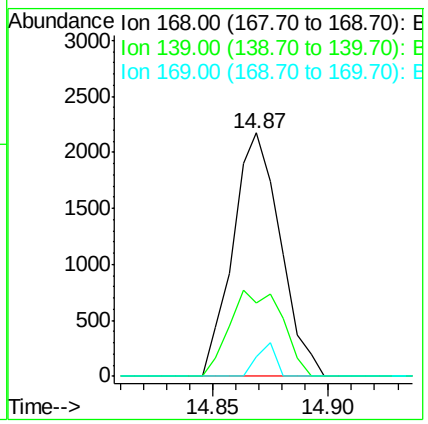


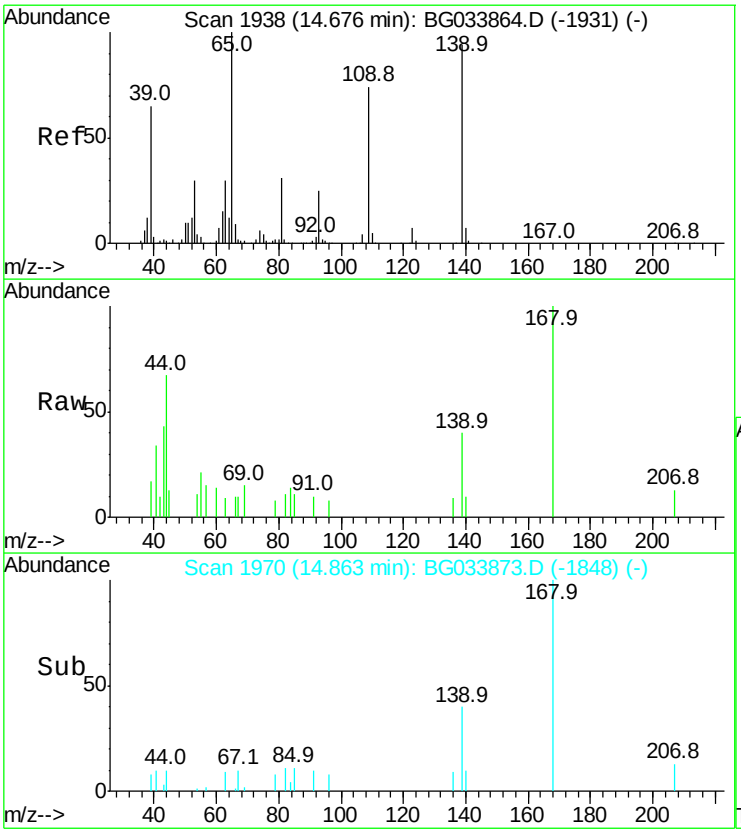
#54
Dibenzofuran
Concen: 0.198 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 3110

Ion	Ratio	Lower	Upper
168	100		
139	30.3	28.6	43.0
169	8.1	11.2	16.8#

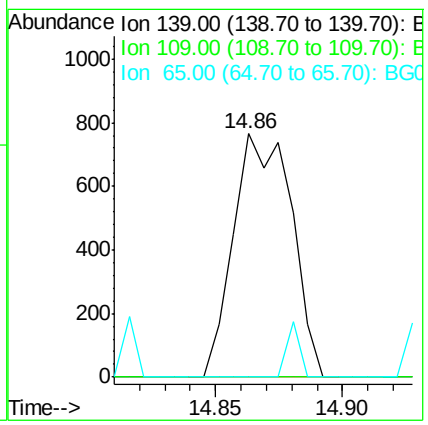


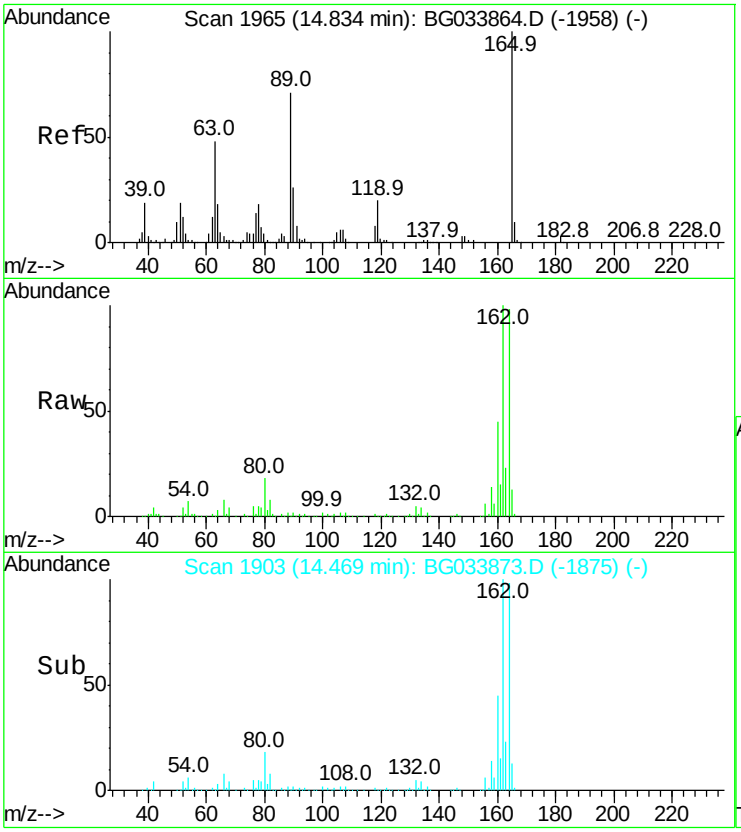


#55
4-Nitrophenol
Concen: 0.520 ng
RT: 14.86 min Scan# 1970
Delta R.T. 0.19 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:139 Resp: 1220

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



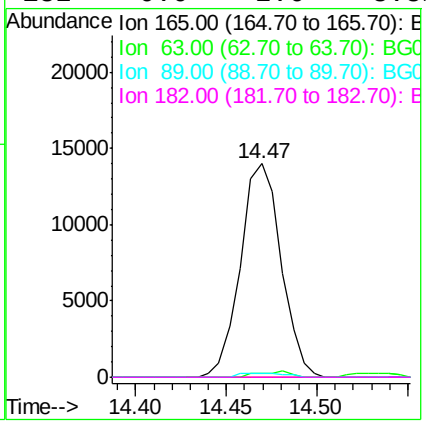


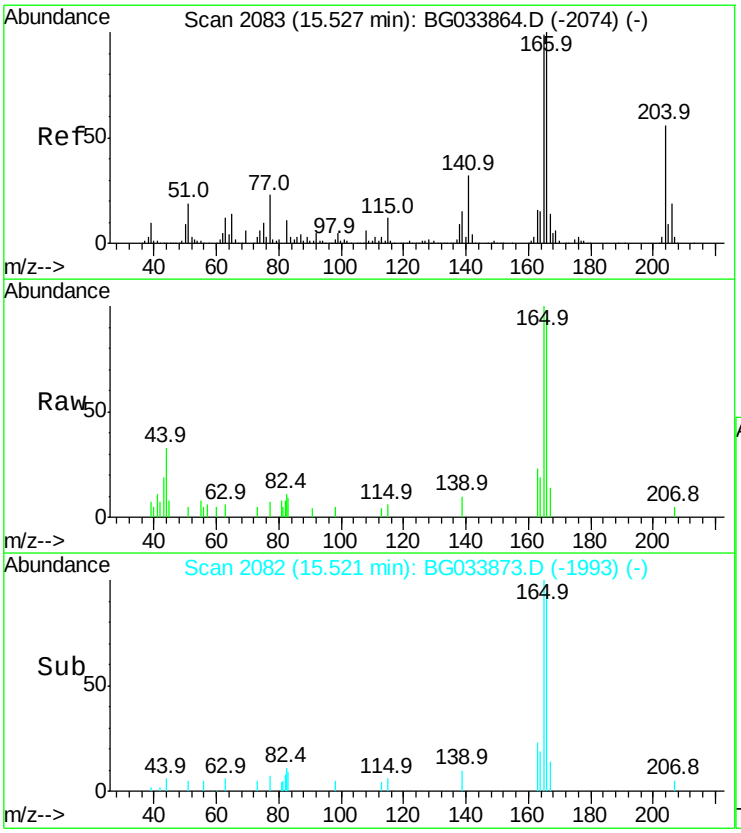
#56
2,4-Dinitrotoluene
Concen: 5.968 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.36 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21869

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

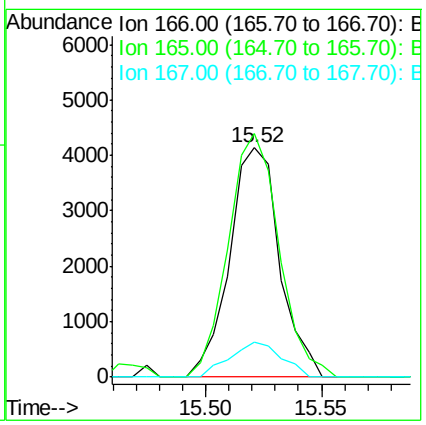


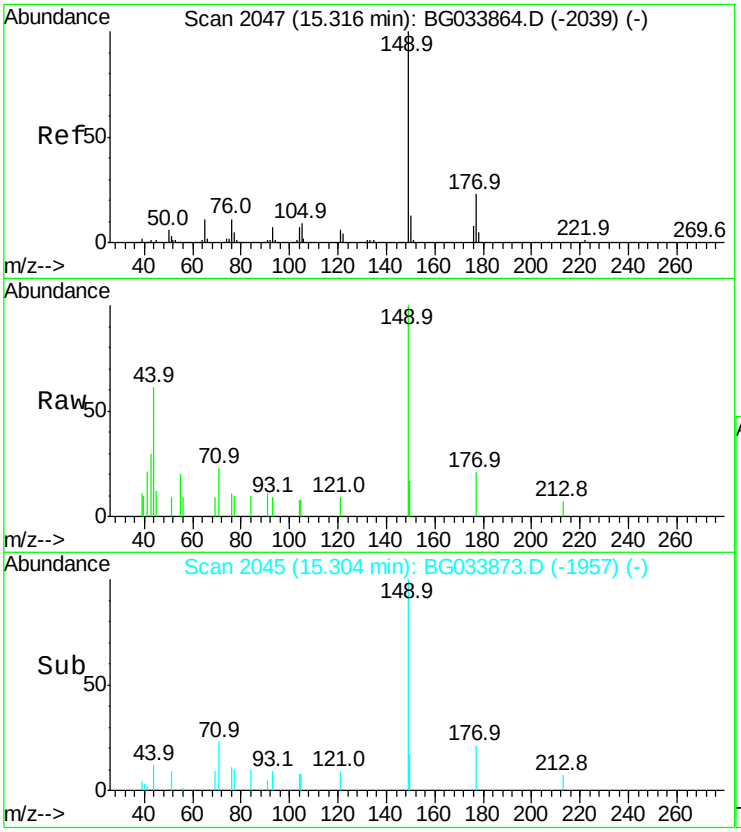


#57
Fluorene
Concen: 0.459 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:166 Resp: 6244

Ion	Ratio	Lower	Upper
166	100		
165	106.2	80.6	121.0
167	15.2	10.4	15.6



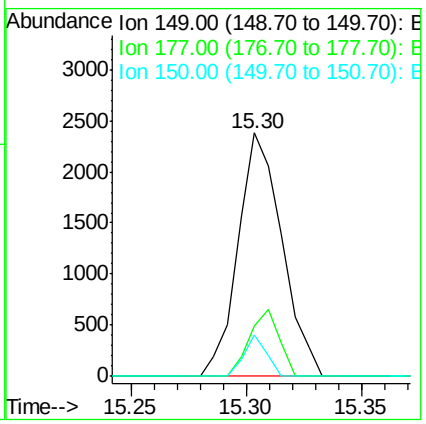


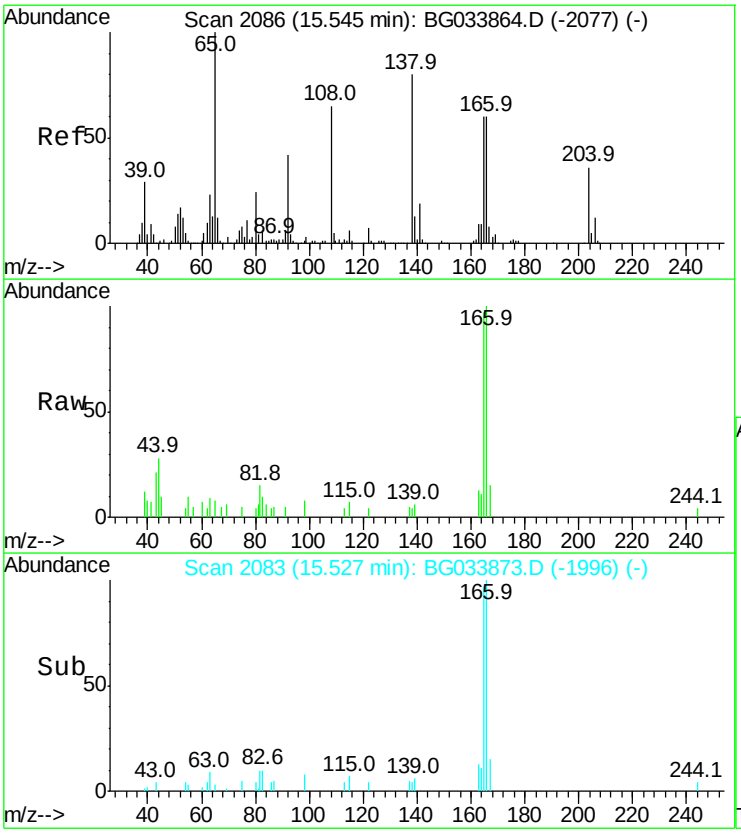
#59
Diethylphthalate
Concen: 0.205 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 3155

Ion	Ratio	Lower	Upper
149	100		
177	20.7	18.5	27.7
150	17.0	10.2	15.2#

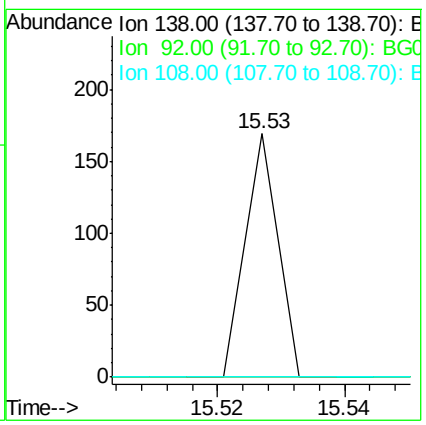


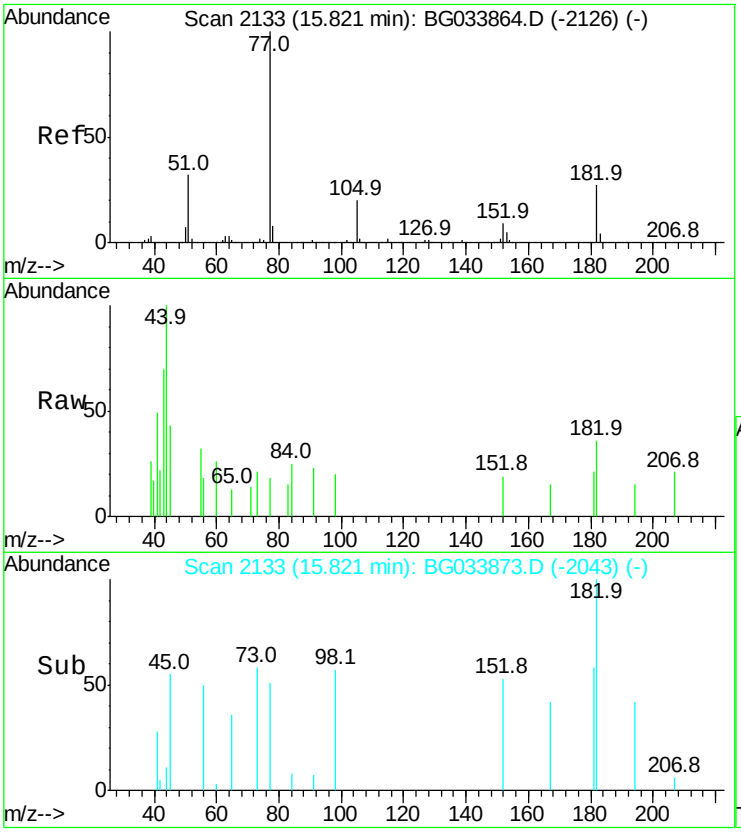


#61
4-Nitroaniline
Concen: 0.019 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:138 Resp: 60

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



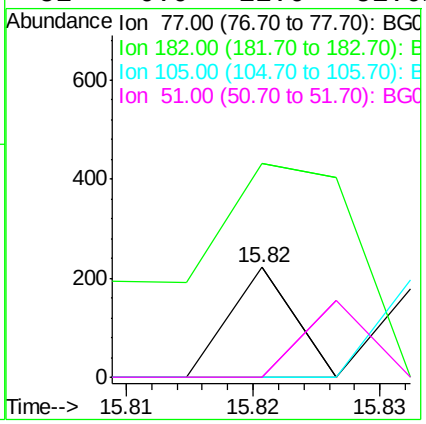


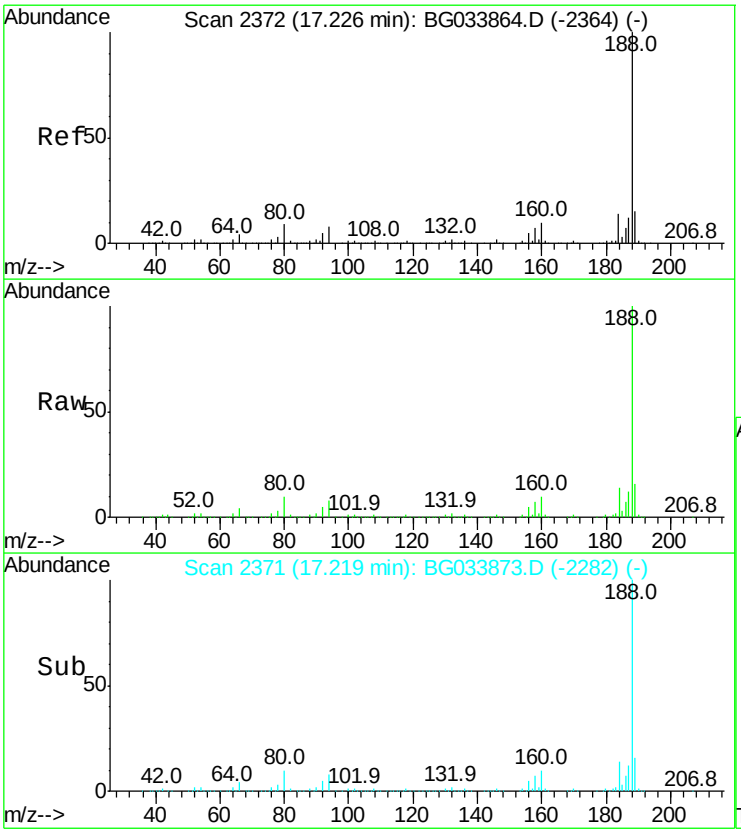
#62
Azobenzene
Concen: 0.006 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 78

Ion	Ratio	Lower	Upper
77	100		
182	195.0	7.4	47.4#
105	0.0	0.3	40.3#
51	0.0	11.6	51.6#

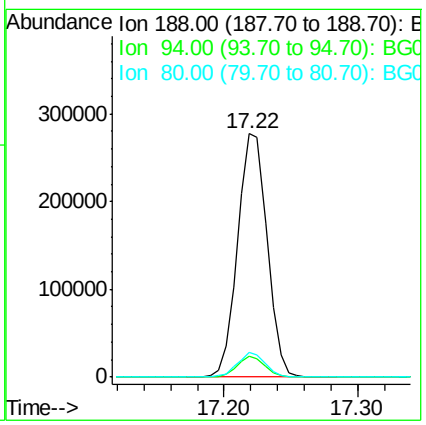


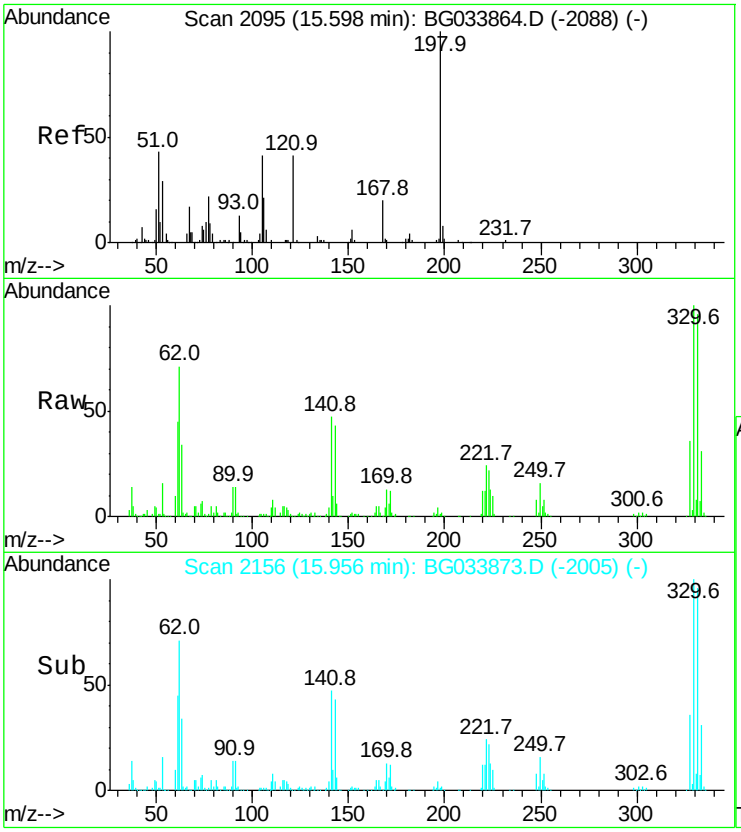


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:188 Resp: 422385

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	10.4	7.7	11.5



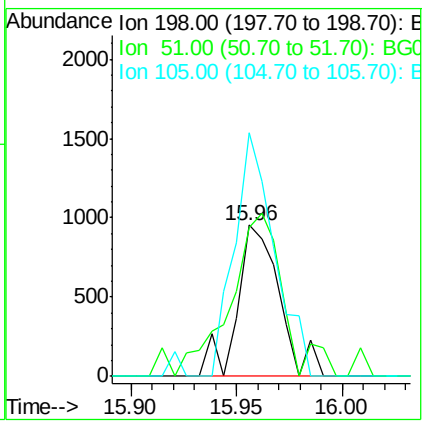


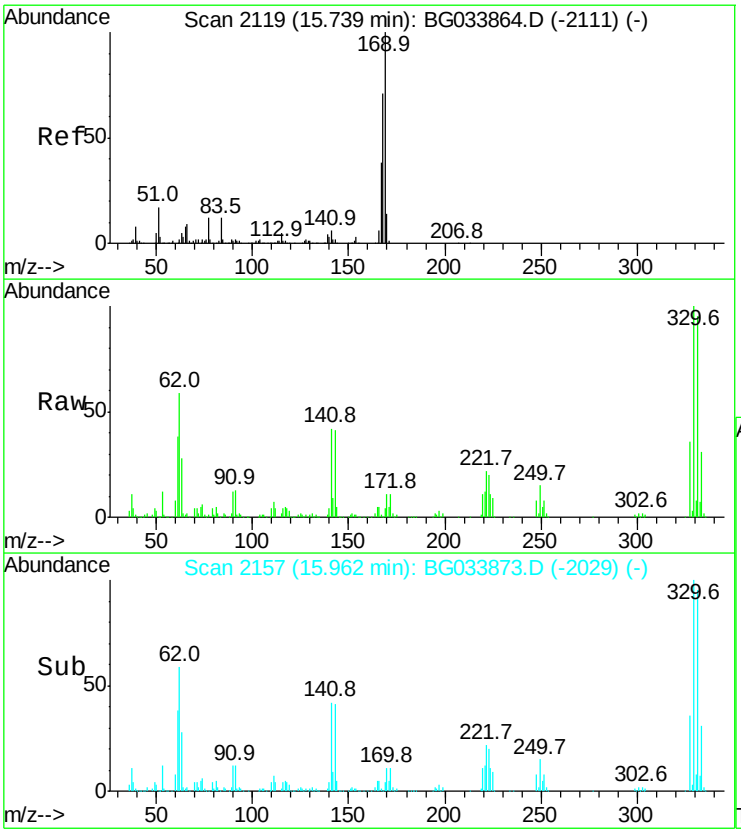
#64
4,6-Dinitro-2-methylphenol
Concen: 7.046 ng
RT: 15.96 min Scan# 2156
Delta R.T. 0.36 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1310

Ion	Ratio	Lower	Upper
198	100		
51	24.2	30.6	70.6#
105	39.5	23.8	63.8

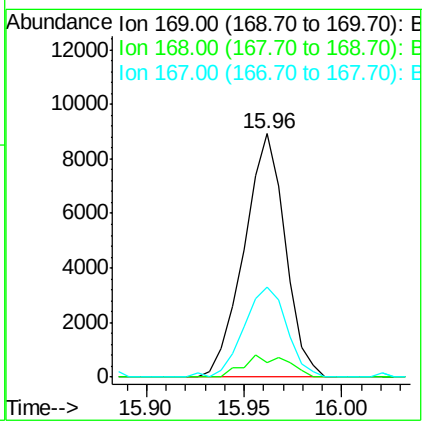


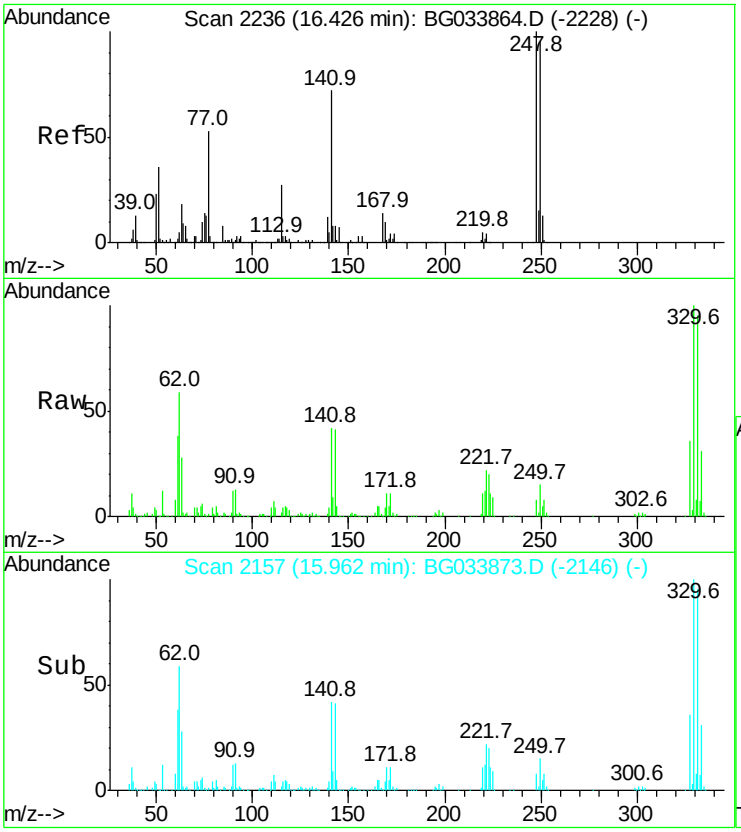


#65
n-Nitrosodiphenylamine
Concen: 1.057 ng
RT: 15.96 min Scan# 2157
Delta R.T. 0.22 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:169 Resp: 12985

Ion	Ratio	Lower	Upper
169	100		
168	6.0	55.7	83.5#
167	42.9	30.1	45.1



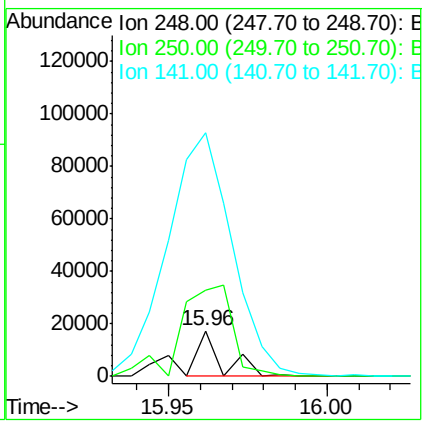


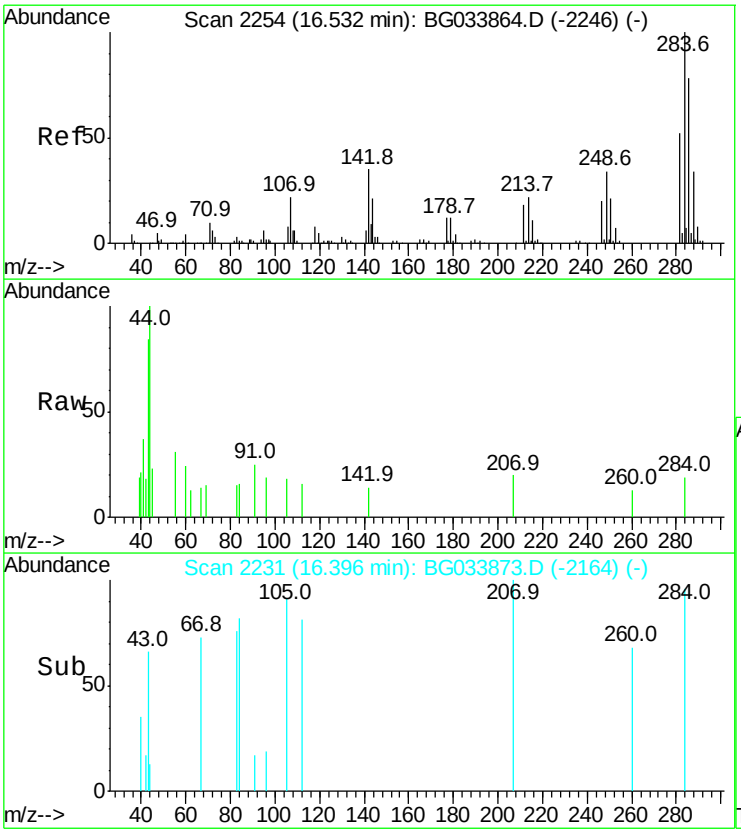
#66
4-Bromophenyl-phenylether
Concen: 2.038 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.46 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9454

Ion	Ratio	Lower	Upper
248	100		
250	189.7	77.1	115.7#
141	408.4	50.8	76.2#

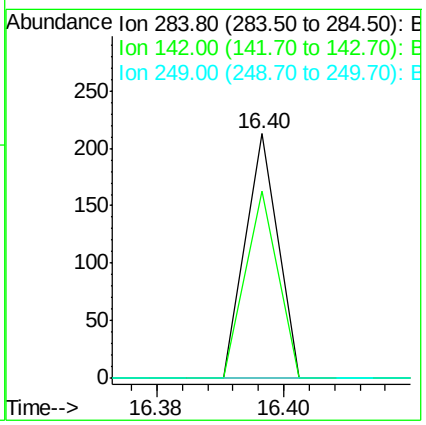


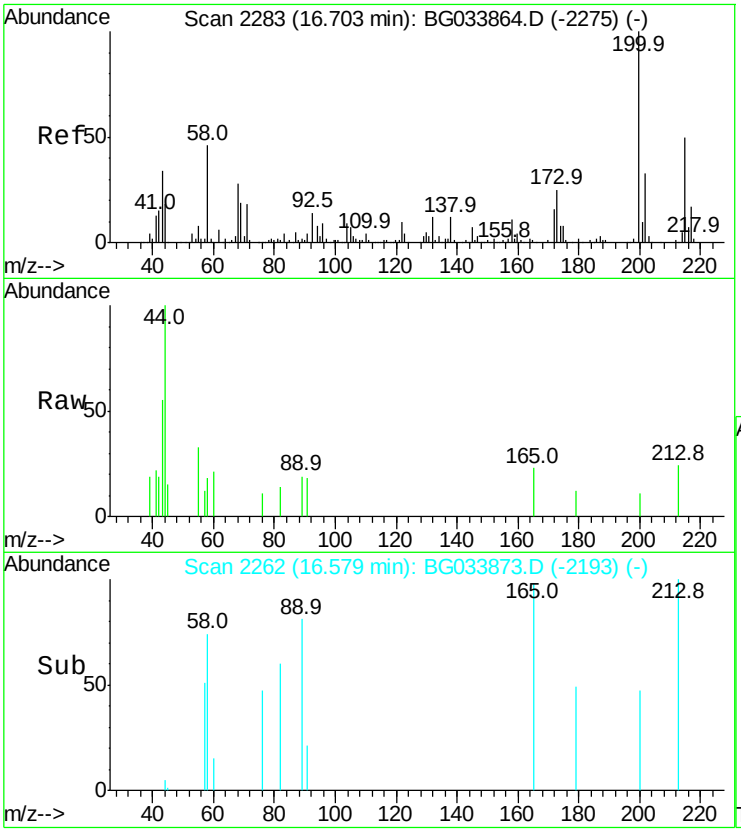


#67
Hexachlorobenzene
Concen: 0.015 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.14 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:284 Resp: 75

Ion	Ratio	Lower	Upper
284	100		
142	76.5	26.8	40.2#
249	0.0	26.3	39.5#



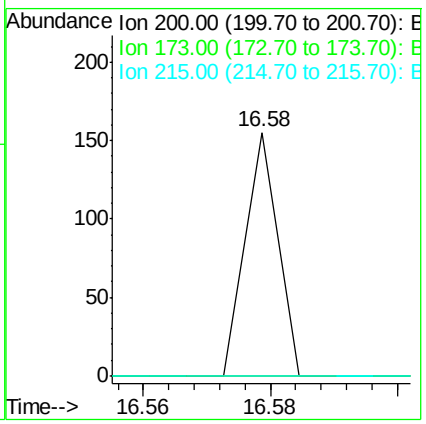


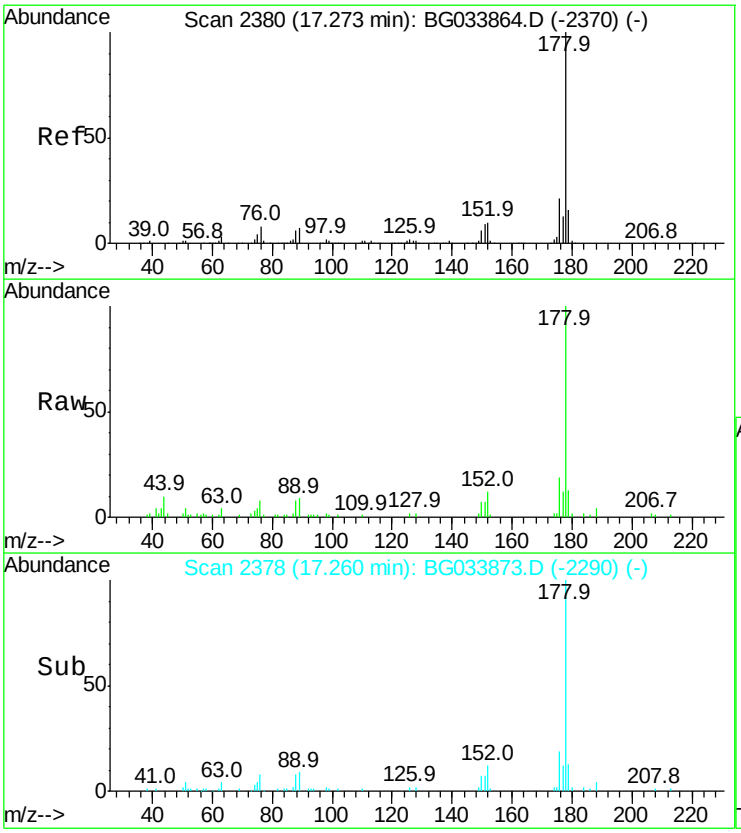
#68
Atrazine
Concen: 0.011 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.12 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

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#

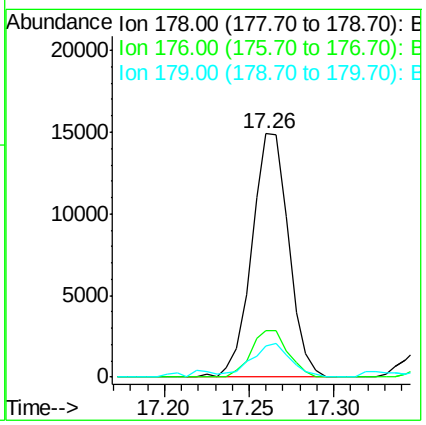


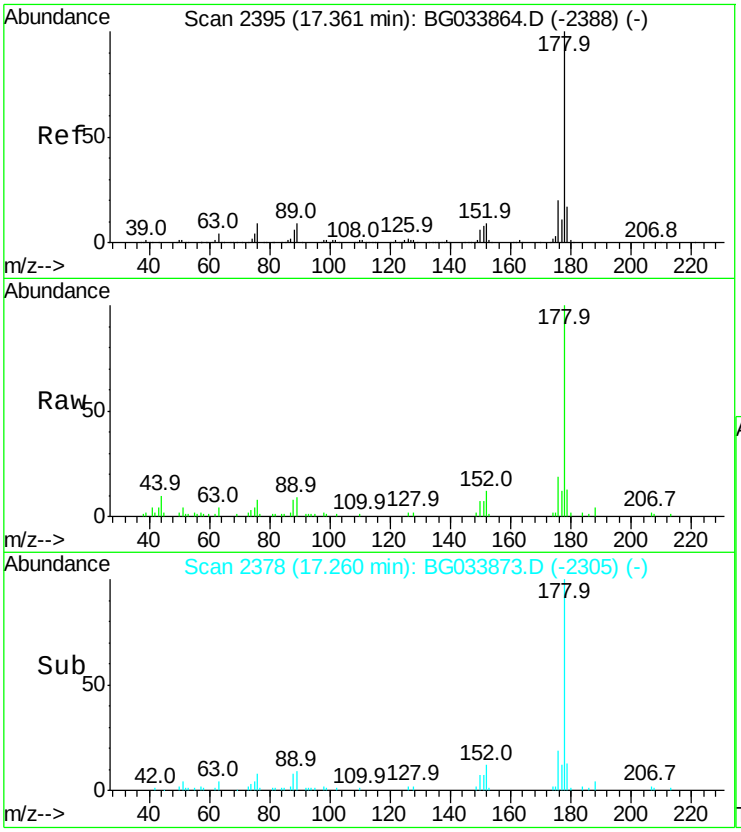


#70
Phenanthrene
Concen: 0.994 ng
RT: 17.26 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:178 Resp: 22513

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	12.8	12.5	18.7



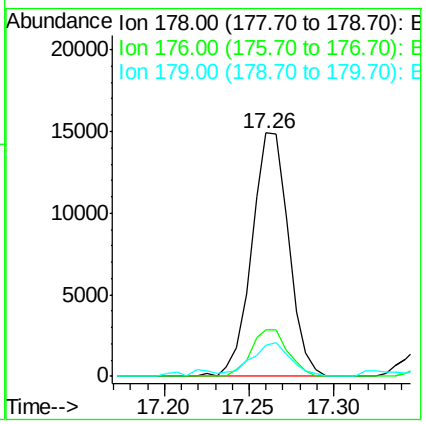


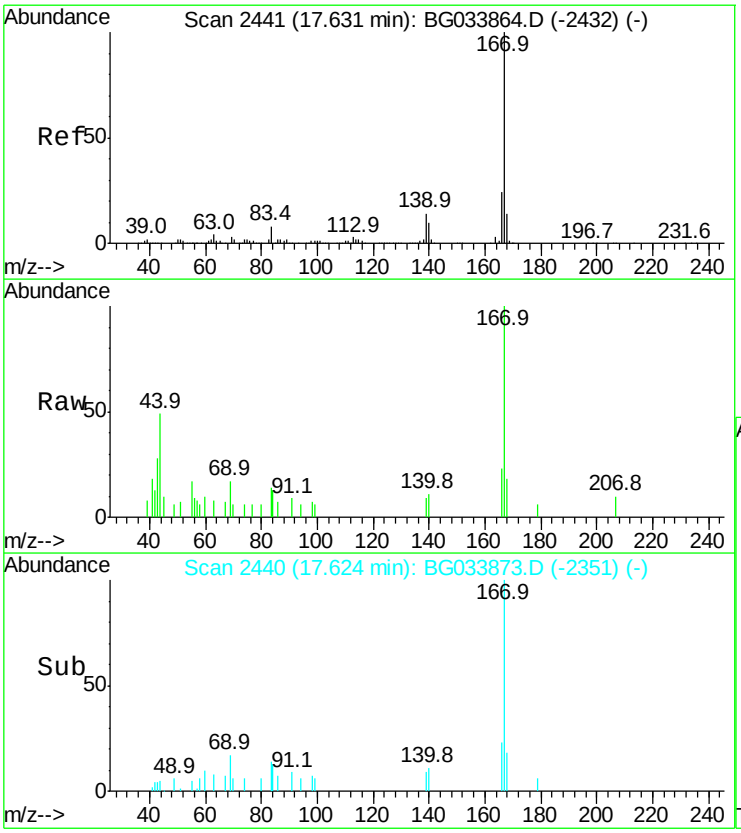
#71
Anthracene
Concen: 0.994 ng
RT: 17.26 min Scan# 2378
Delta R.T. -0.10 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 22513

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.0	24.0
179	12.8	12.5	18.7

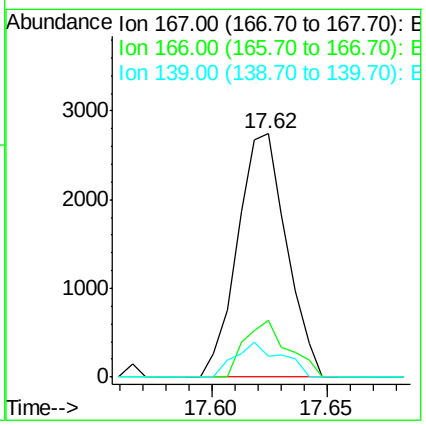


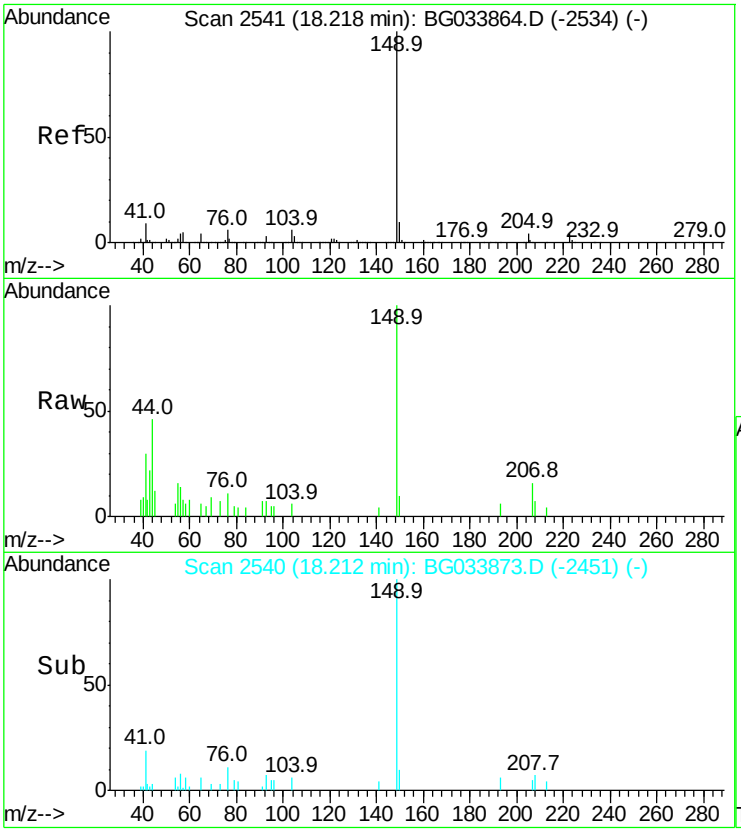


#72
Carbazole
Concen: 0.185 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:167 Resp: 4046

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	8.6	9.4	14.2#



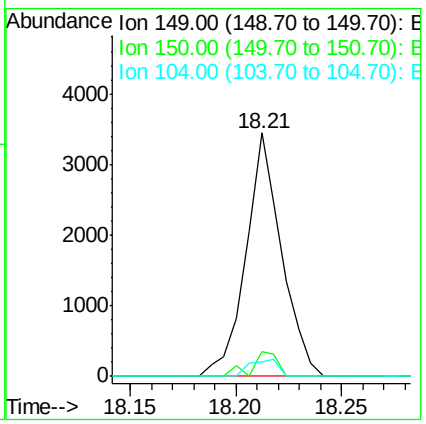


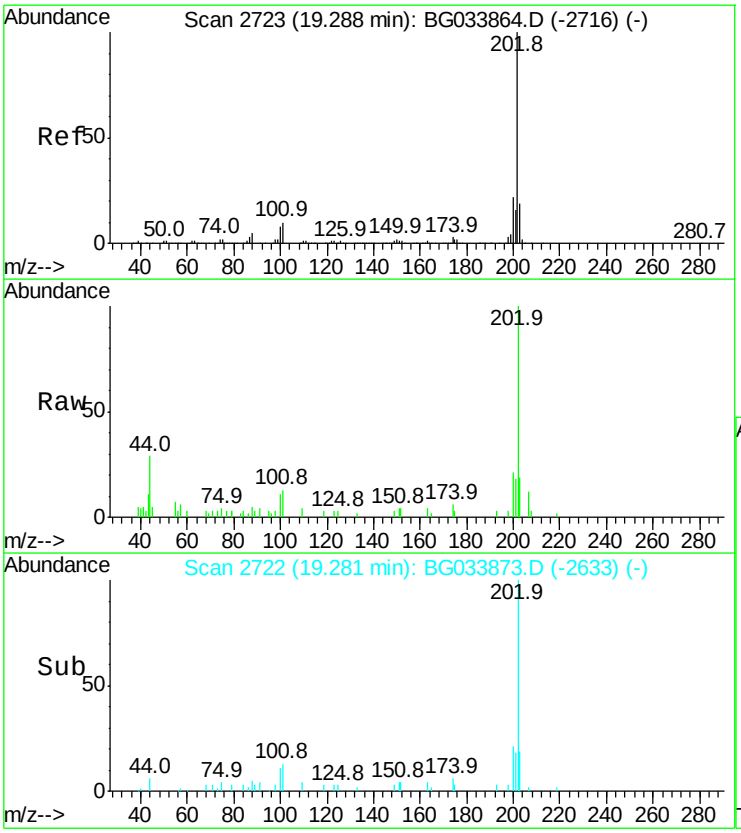
#73
Di-n-butylphthalate
Concen: 0.148 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 4036

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.6
104	6.2	3.9	5.9#

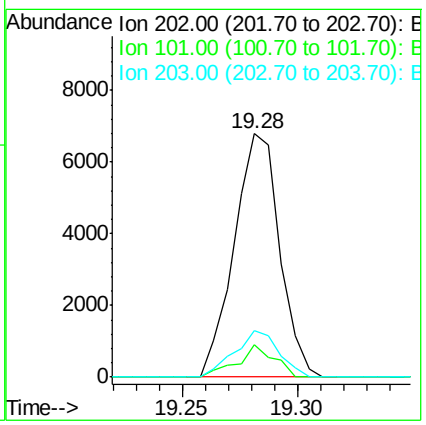


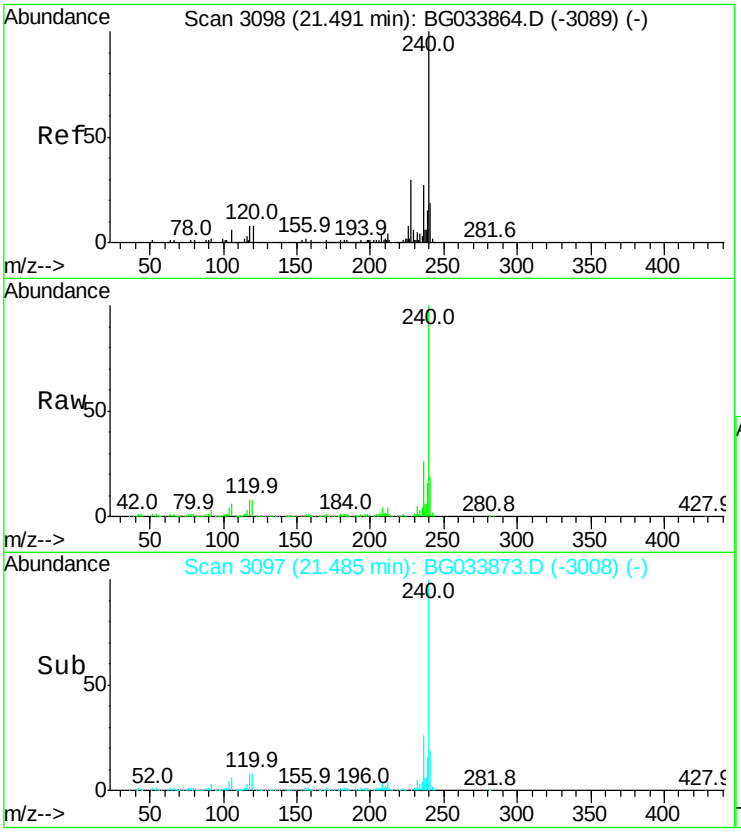


#74
Fluoranthene
Concen: 0.339 ng
RT: 19.28 min Scan# 2722
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:202 Resp: 9286

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	28.9
203	18.9	0.0	37.5



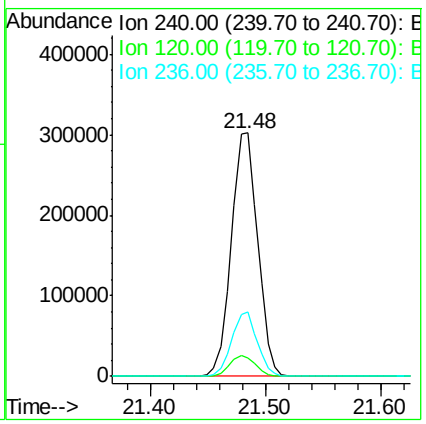


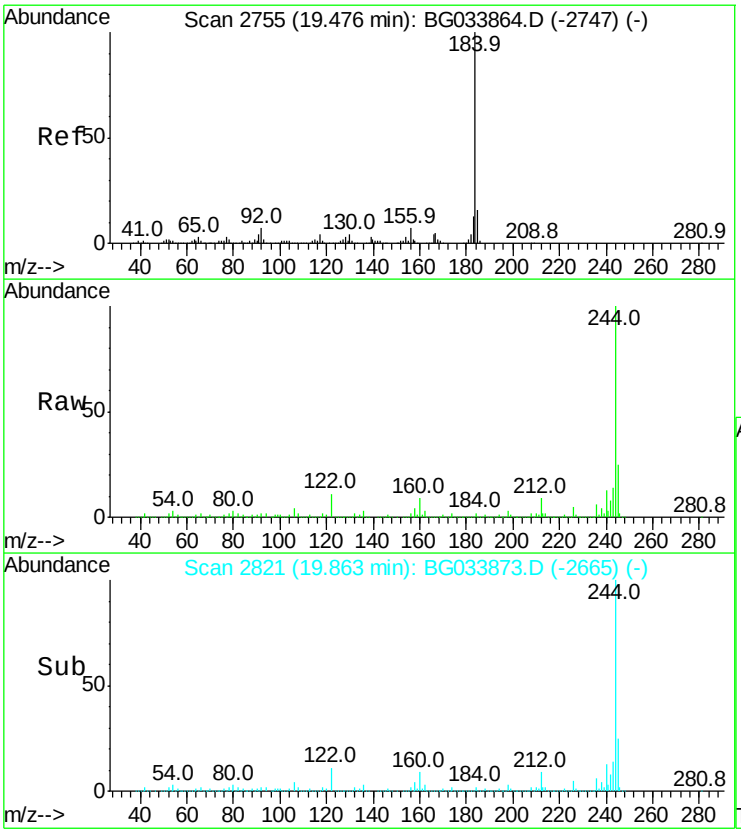
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 478256

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	26.3	20.9	31.3

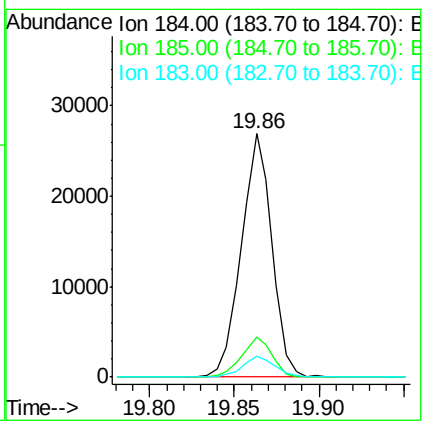


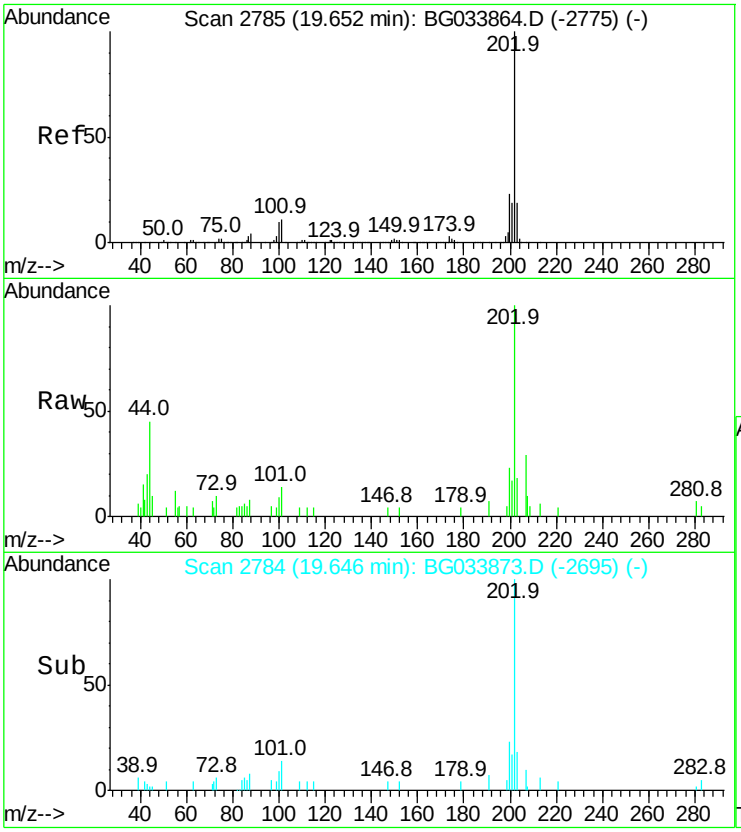


#76
Benzidine
Concen: 2.616 ng
RT: 19.86 min Scan# 2821
Delta R.T. 0.39 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:184 Resp: 33788

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	8.7	10.6	16.0#



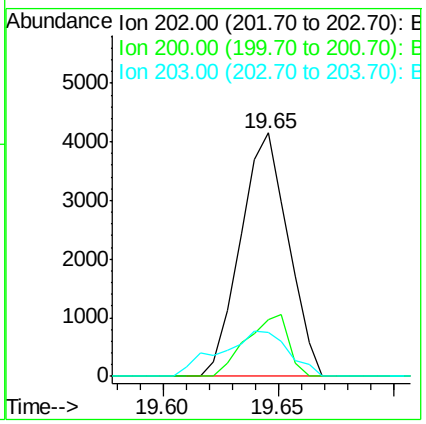


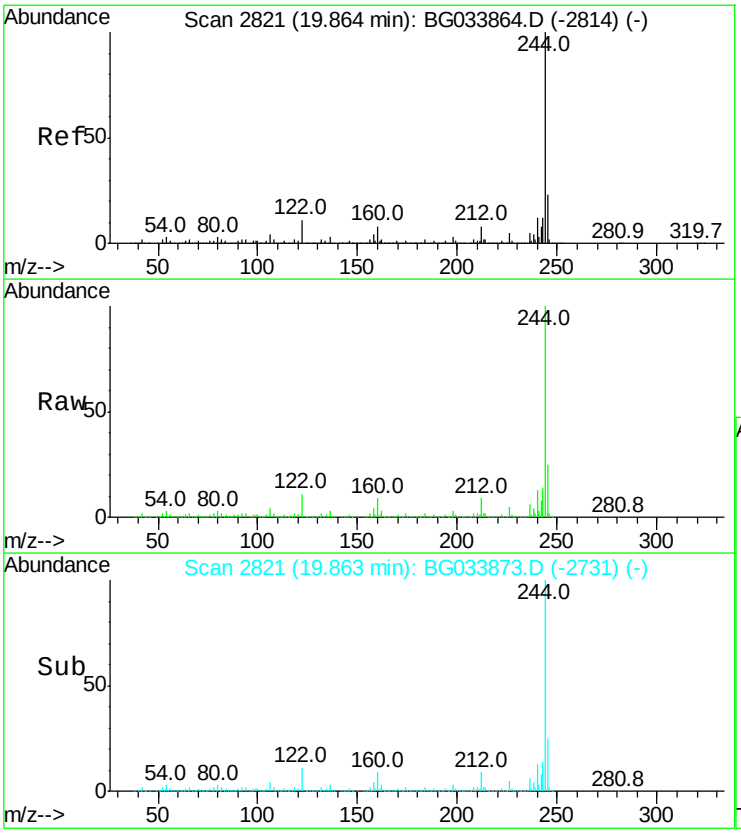
#77
Pyrene
Concen: 0.190 ng
RT: 19.65 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 5968

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.9	25.3
203	18.2	13.9	20.9

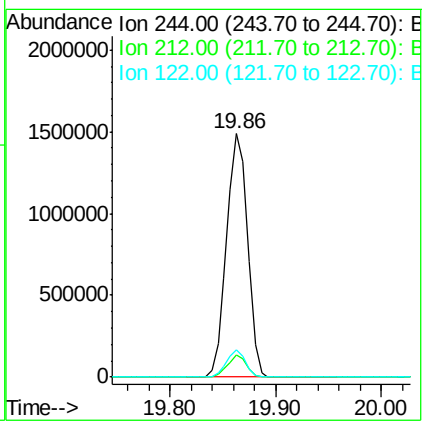


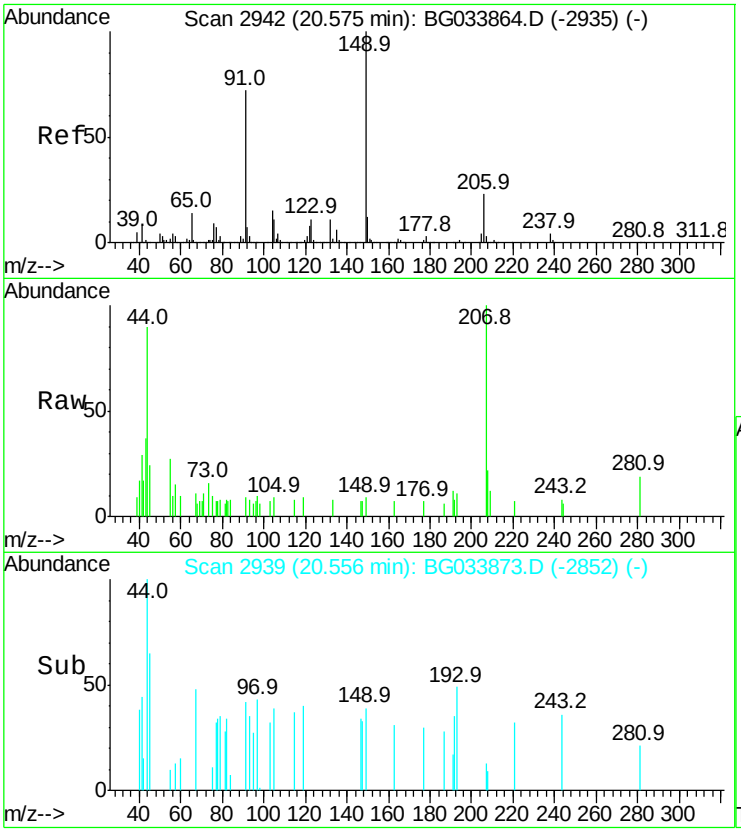


#78
Terphenyl-d14
Concen: 95.426 ng
RT: 19.86 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:244 Resp: 2031406

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	11.0	7.0	10.4#



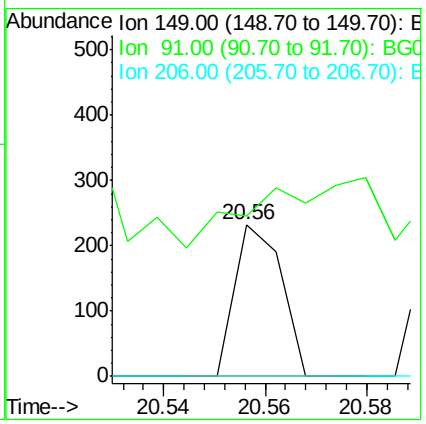


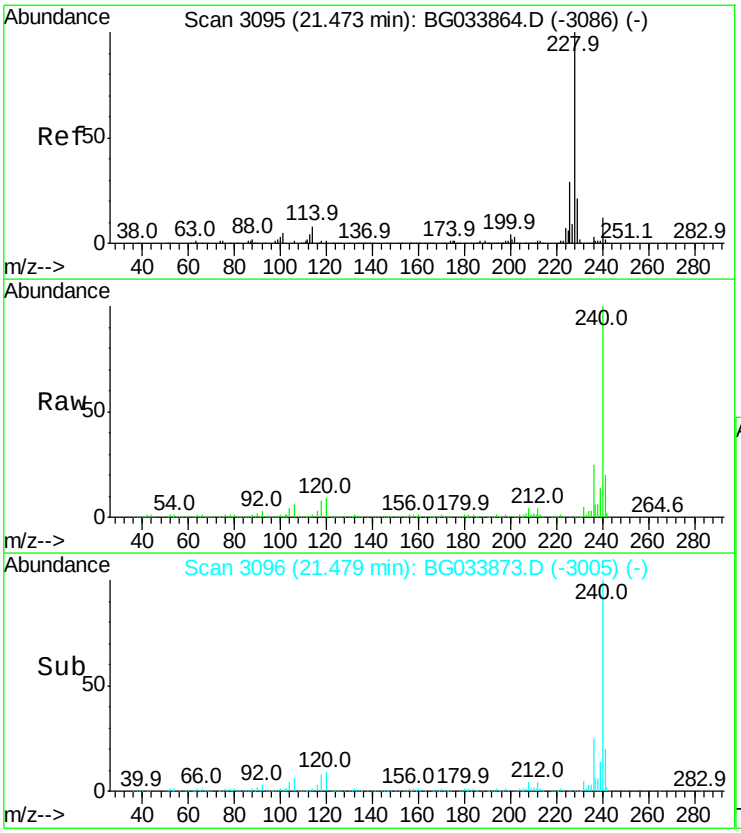
#79
Butylbenzylphthalate
Concen: 0.011 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 149

Ion	Ratio	Lower	Upper
149	100		
91	106.0	62.2	93.2#
206	0.0	18.6	27.8#

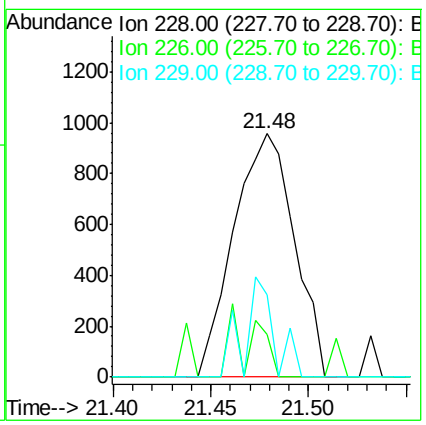


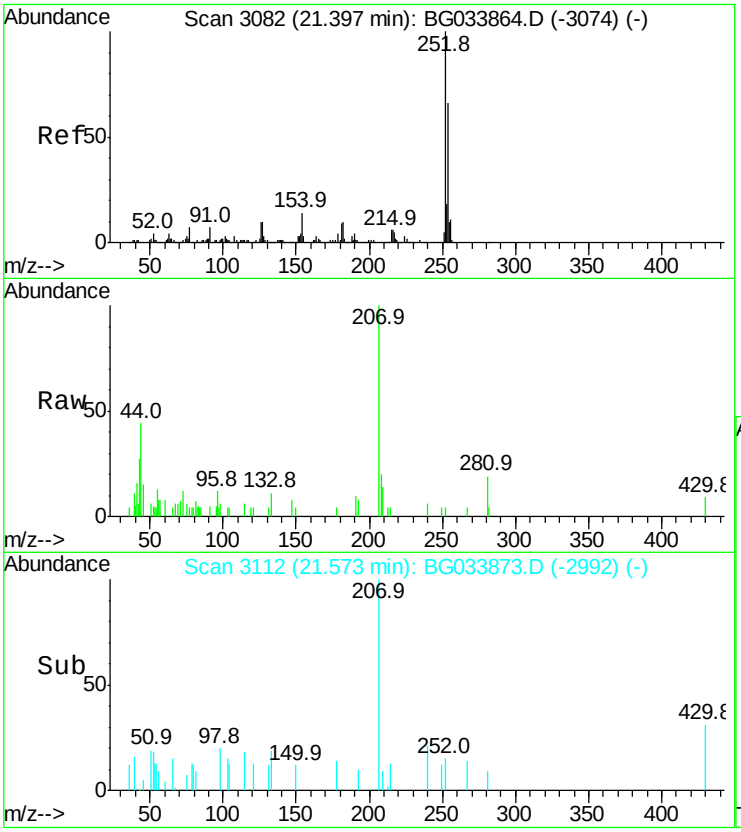


#80
Benzo(a)anthracene
Concen: 0.068 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:228 Resp: 2049

Ion	Ratio	Lower	Upper
228	100		
226	17.5	22.7	34.1#
229	34.0	16.2	24.2#



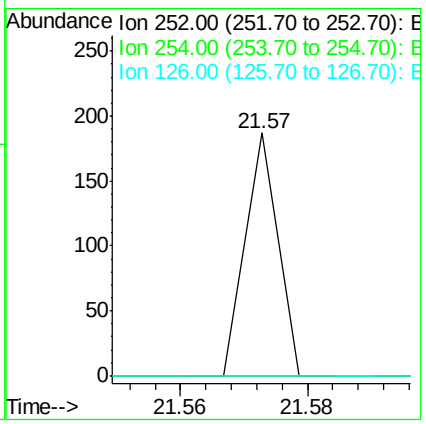


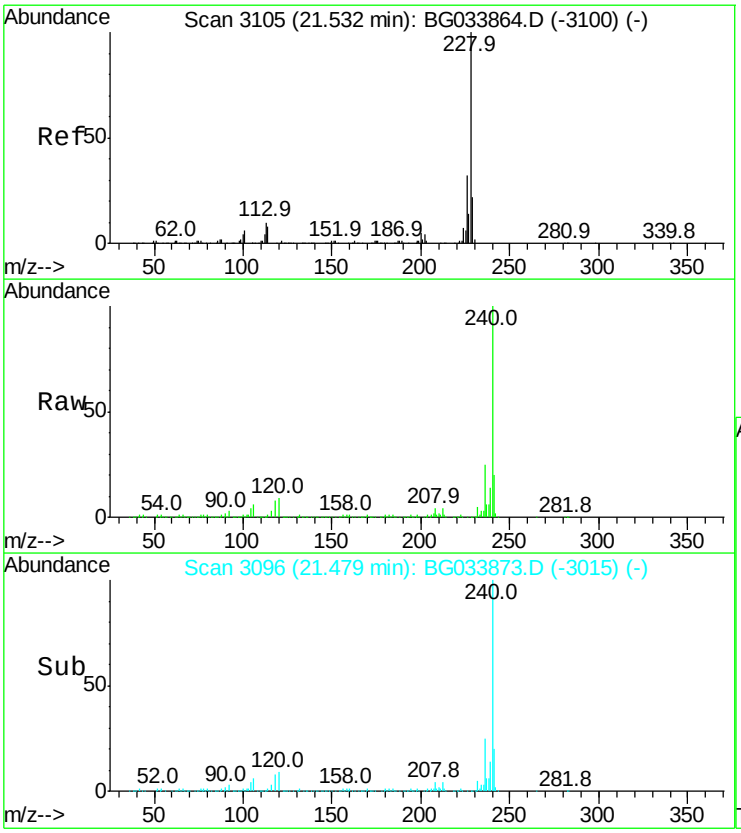
#81
3,3'-Dichlorobenzidine
Concen: 0.006 ng
RT: 21.57 min Scan# 3112
Delta R.T. 0.18 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 66

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

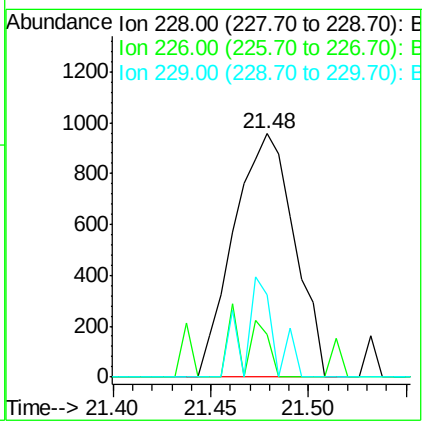


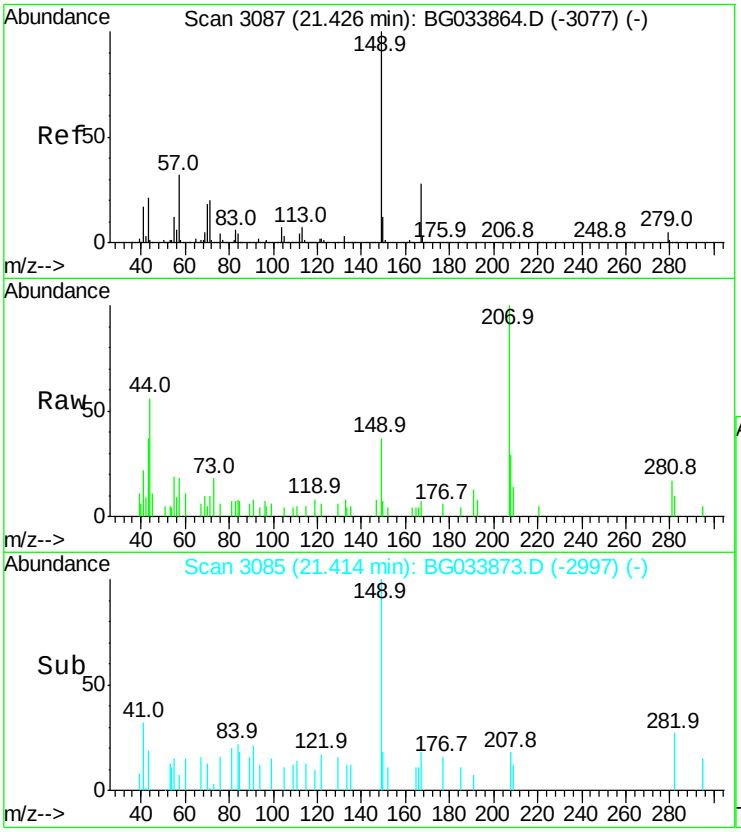


#82
Chrysene
Concen: 0.071 ng
RT: 21.48 min Scan# 3096
Delta R.T. -0.05 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:228 Resp: 2049

Ion	Ratio	Lower	Upper
228	100		
226	17.5	24.9	37.3#
229	34.0	15.0	22.4#



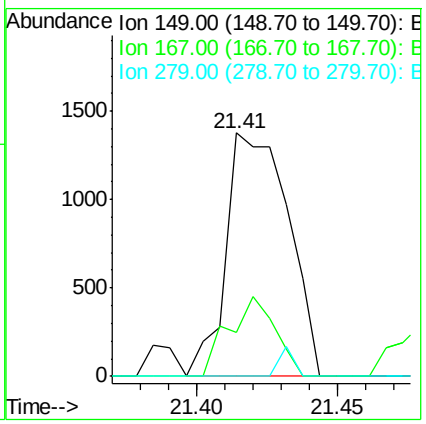


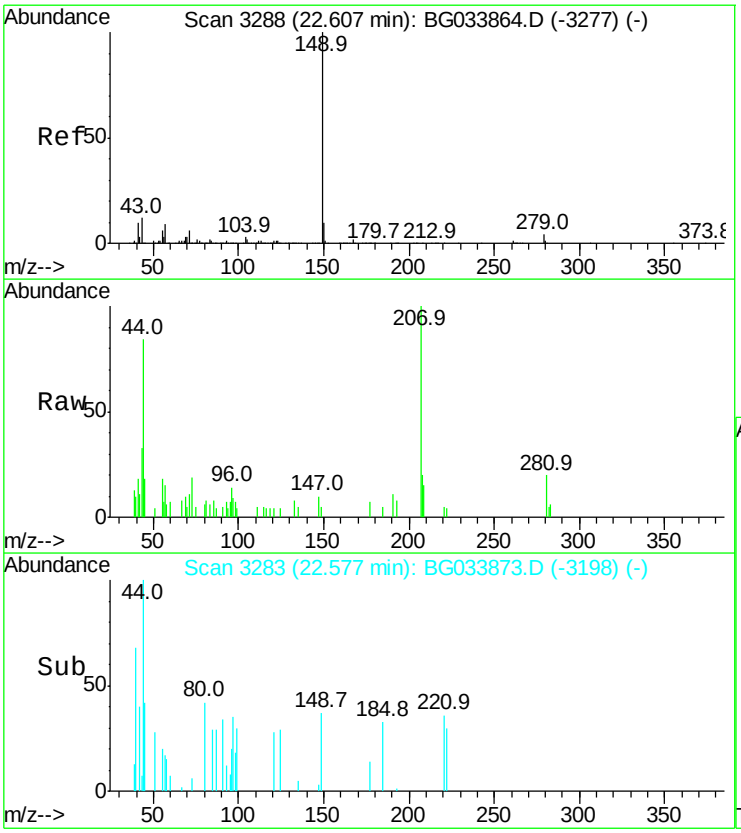
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.41 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 2108

Ion	Ratio	Lower	Upper
149	100		
167	18.0	24.3	36.5#
279	0.0	4.0	6.0#

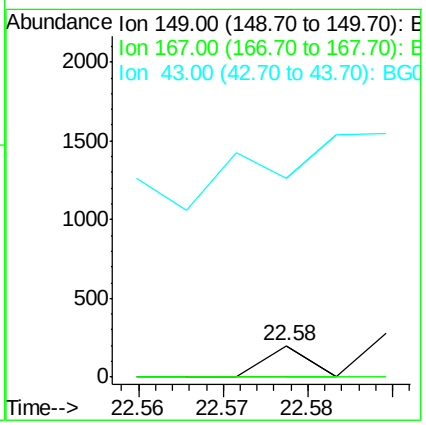


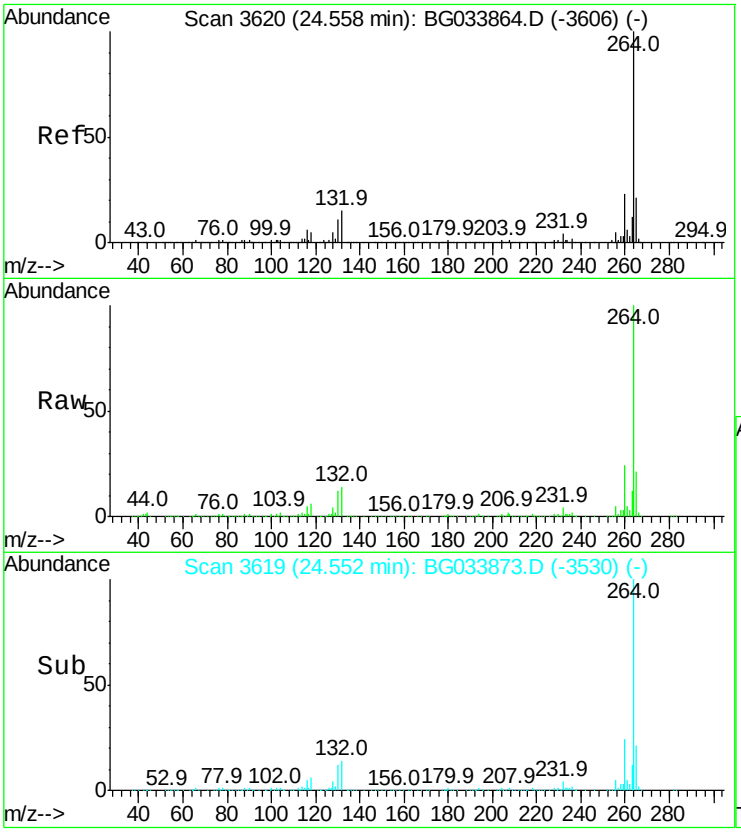


#84
Di-n-octyl phthalate
Concen: 0.002 ng
RT: 22.58 min Scan# 3283
Delta R.T. -0.03 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:149 Resp: 71

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	760.6	8.9	13.3#



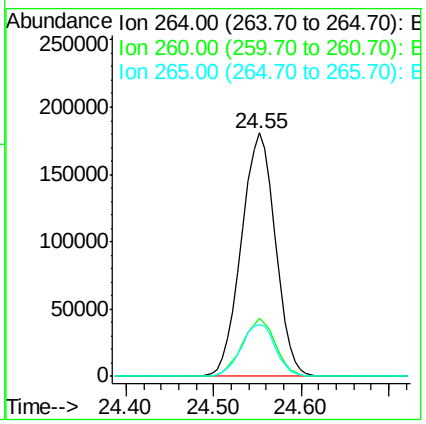


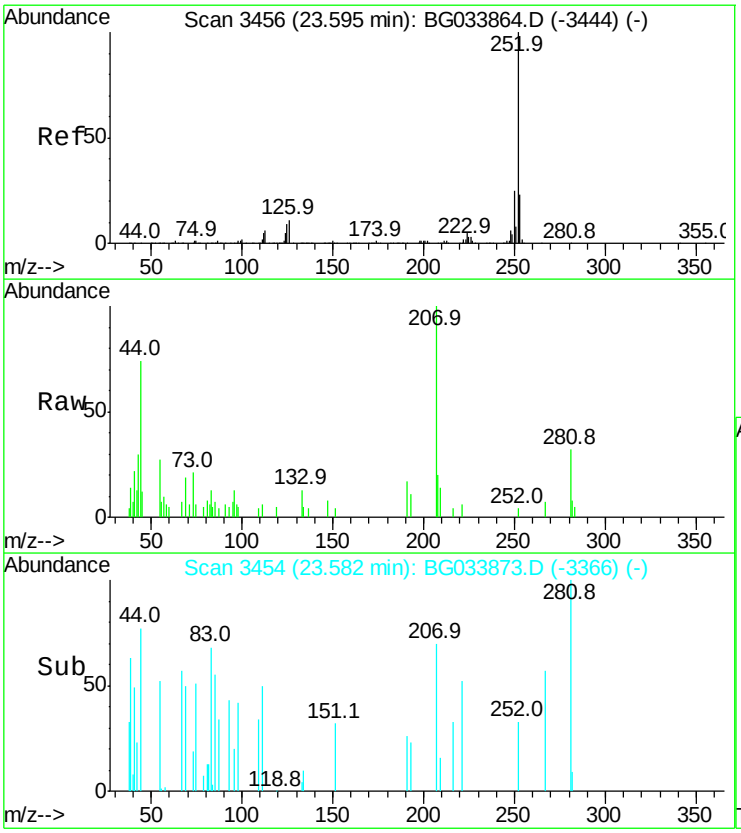
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.55 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 477291

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.4	17.7	26.5

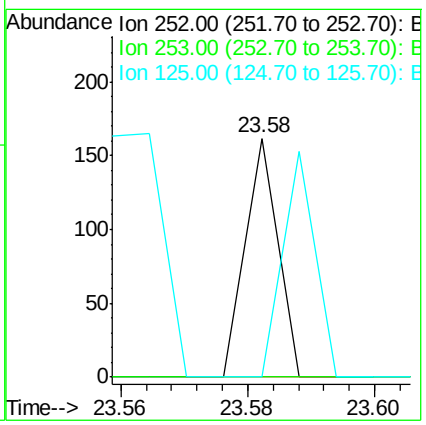


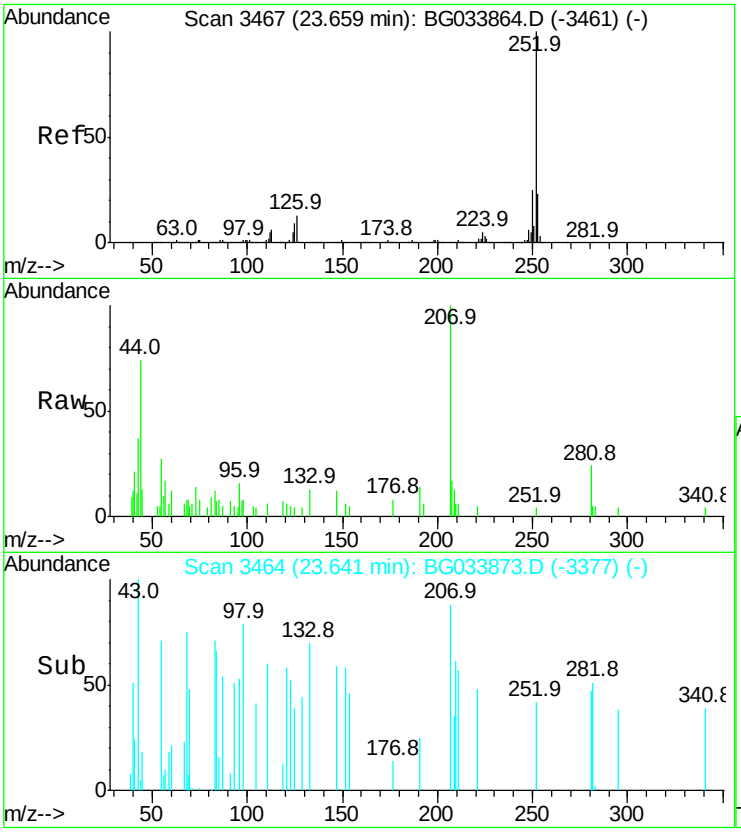


#87
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.58 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:252 Resp: 57

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



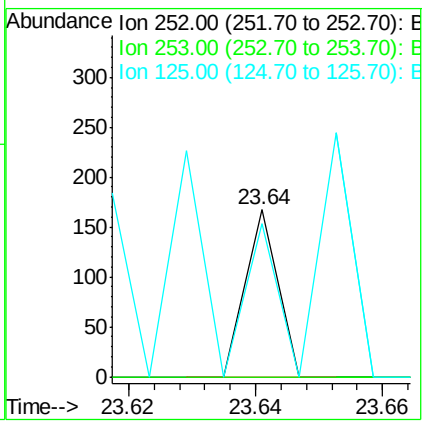


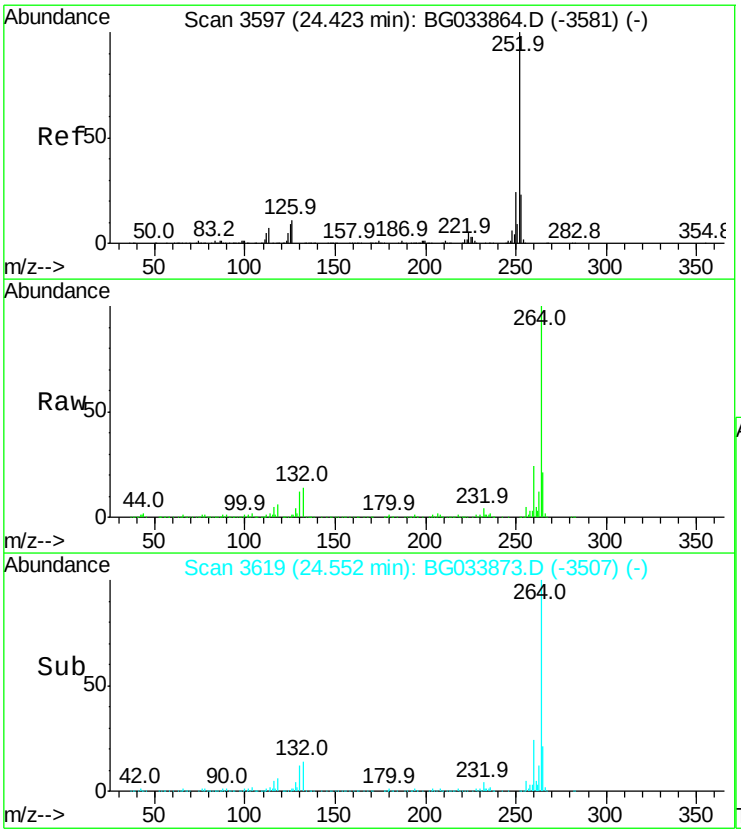
#88
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.64 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 59

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	91.6	6.6	9.8#





#89
Benzo(a)pyrene
Concen: 0.060 ng
RT: 24.55 min Scan# 3619
Delta R.T. 0.13 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:252 Resp: 1677

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.3	27.5
125	27.0	7.3	10.9#