Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111517\
Data File : BG031014.D
Acq On : 15 Nov 2017 14:18
Operator : SJ/JU
Sample : PB104186BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 15 15:44:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	28764	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	117606	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	86298	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	244384	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	378684	20.00	ng		-0.01
86) Perylene-d12	25.07	264	393533	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	225919	134.68	ng		0.00
7) Phenol-d6	7.31	99	286585	126.81	ng		0.00
23) Nitrobenzene-d5	9.31	82	171637	86.48	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	229944	164.71	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	581418	96.81	ng		-0.02
78) Terphenyl-d14	20.09	244	1403717	81.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	20732	30.456	ng	#	84
3) Pyridine	3.96	79	63291	32.026	ng		90
4) n-Nitrosodimethylamine	3.87	42	36113	38.557	ng	#	95
6) Aniline	7.46	93	46584	15.663	ng		95
8) 2-Chlorophenol	7.71	128	87201	47.106	ng		87
9) Benzaldehyde	7.28	77	31751	20.078	ng		88
10) Phenol	7.34	94	103631	44.157	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	70905	37.839	ng		87
12) 1,3-Dichlorobenzene	8.03	146	98451	45.330	ng		96
13) 1,4-Dichlorobenzene	8.18	146	100364	45.602	ng		93
14) 1,2-Dichlorobenzene	8.50	146	96218	45.549	ng		97
15) Benzyl Alcohol	8.38	79	75312	41.547	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.66	45	88992	42.995	ng		81
17) 2-Methylphenol	8.59	107	71024	43.459	ng		91
18) Hexachloroethane	9.23	117	33350	43.538	ng	#	73
19) n-Nitroso-di-n-propylamine	8.94	70	59828	34.819	ng	#	91
20) 3+4-Methylphenols	8.92	107	96154	41.377	ng		92
22) Acetophenone	8.96	105	122217	41.737	ng	#	92
24) Nitrobenzene	9.35	77	91680	45.221	ng	#	88
25) Isophorone	9.87	82	164847	42.588	ng	#	90
26) 2-Nitrophenol	10.06	139	51229	48.477	ng		89
27) 2,4-Dimethylphenol	10.12	122	83204	53.035	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	99779	40.929	ng	#	95
29) 2,4-Dichlorophenol	10.61	162	107155	56.879	ng		89
30) 1,2,4-Trichlorobenzene	10.81	180	122303	54.376	ng		95
31) Naphthalene	11.00	128	259348	44.859	ng		99
32) Benzoic acid	10.26	122	35616	29.704	ng	#	80
33) 4-Chloroaniline	11.12	127	24722	9.768	ng	#	93
34) Hexachlorobutadiene	11.28	225	86073	55.180	ng		95
35) Caprolactam	11.88	113	20208	26.258	ng	#	63
36) 4-Chloro-3-methylphenol	12.24	107	100498	49.014	ng	#	86
37) 2-Methylnaphthalene	12.60	142	219145	49.102	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	166159	48.512	ng	#	95
40) Hexachlorocyclopentadiene	12.94	237	144534	109.555	ng		91

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111517\
Data File : BG031014.D
Acq On : 15 Nov 2017 14:18
Operator : SJ/JU
Sample : PB104186BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 15 15:44:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	106372	54.326	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	113288	52.881	ng	#	90
45) 1,1'-Biphenyl	13.59	154	304070	42.491	ng		96
46) 2-Chloronaphthalene	13.65	162	250285	48.475	ng		95
47) 2-Nitroaniline	13.84	65	63600	41.559	ng	#	82
48) Acenaphthylene	14.49	152	371671	43.981	ng		99
49) Dimethylphthalate	14.20	163	345116	46.252	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	77477	50.377	ng	#	72
51) Acenaphthene	14.82	154	237392	44.980	ng		100
52) 3-Nitroaniline	14.67	138	22481	13.766	ng	#	69
53) 2,4-Dinitrophenol	14.88	184	79037	92.429	ng	#	50
54) Dibenzofuran	15.16	168	402164	47.840	ng		100
55) 4-Nitrophenol	14.99	139	116291	99.969	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	116875	52.566	ng	#	69
57) Fluorene	15.80	166	328818	48.179	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	127043	62.221	ng	#	83
59) Diethylphthalate	15.56	149	340371	44.907	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	210829	51.149	ng		91
61) 4-Nitroaniline	15.83	138	78709	45.517	ng		90
62) Azobenzene	16.08	77	237401	41.070	ng		90
64) 4,6-Dinitro-2-methylphenol	15.89	198	71002	43.710	ng	#	69
65) n-Nitrosodiphenylamine	16.00	169	311332	42.041	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	154264	49.839	ng		96
67) Hexachlorobenzene	16.81	284	166571	50.648	ng	#	86
68) Atrazine	16.94	200	140526	45.992	ng		94
69) Pentachlorophenol	17.15	266	177569	97.674	ng		98
70) Phenanthrene	17.54	178	603574	47.435	ng		99
71) Anthracene	17.64	178	630385	49.443	ng		99
72) Carbazole	17.90	167	583320	48.828	ng		99
73) Di-n-butylphthalate	18.44	149	634416	43.251	ng		99
74) Fluoranthene	19.54	202	918868	57.034	ng		96
76) Benzidine	19.72	184	307352	25.267	ng		99
77) Pyrene	19.90	202	953258	42.422	ng		99
79) Butylbenzylphthalate	20.77	149	350204	39.087	ng	#	77
80) Benzo(a)anthracene	21.75	228	1080700	45.944	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	229177	24.136	ng	#	98
82) Chrysene	21.82	228	1007609	46.308	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	503250	38.912	ng	#	99
84) Di-n-octyl phthalate	22.86	149	855757	40.653	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.85	276	1275915	48.235	ng	#	91
87) Benzo(b)fluoranthene	24.02	252	1120370	47.065	ng	#	96
88) Benzo(k)fluoranthene	24.09	252	1108808	46.993	ng	#	95
89) Benzo(a)pyrene	24.92	252	1085791	48.014	ng	#	96
90) Dibenzo(a,h)anthracene	28.91	278	1066491	46.140	ng	#	96
91) Benzo(g,h,i)perylene	30.04	276	1066946	47.560	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111517\
Data File : BG031014.D
Acq On : 15 Nov 2017 14:18
Operator : SJ/JU
Sample : PB104186BS
Misc :
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Instrument :
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Quant Time: Nov 15 15:44:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
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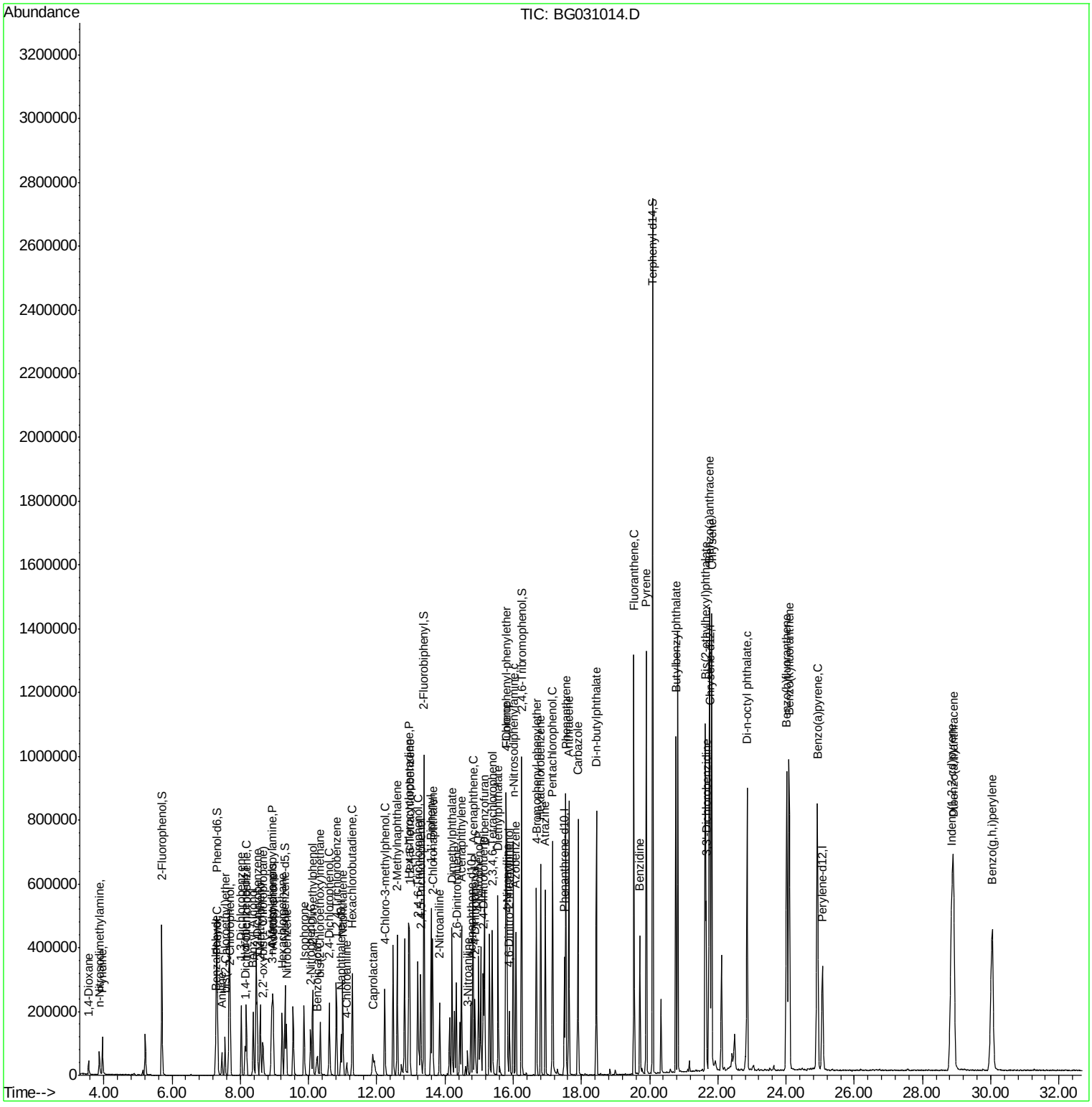
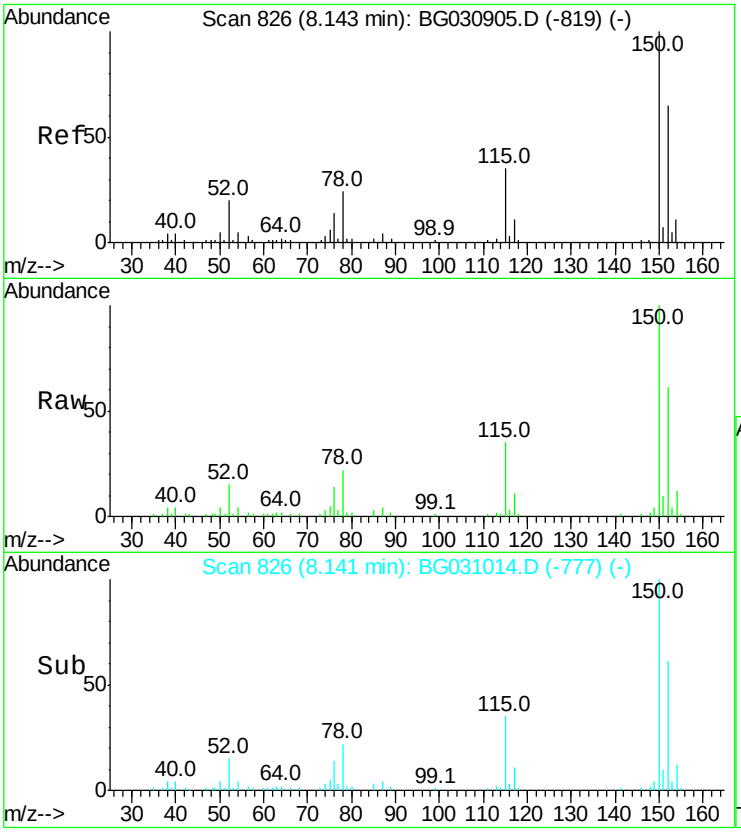


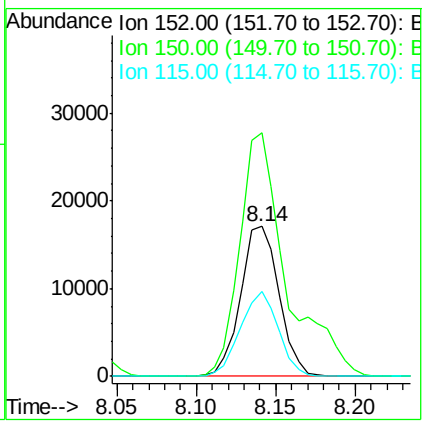


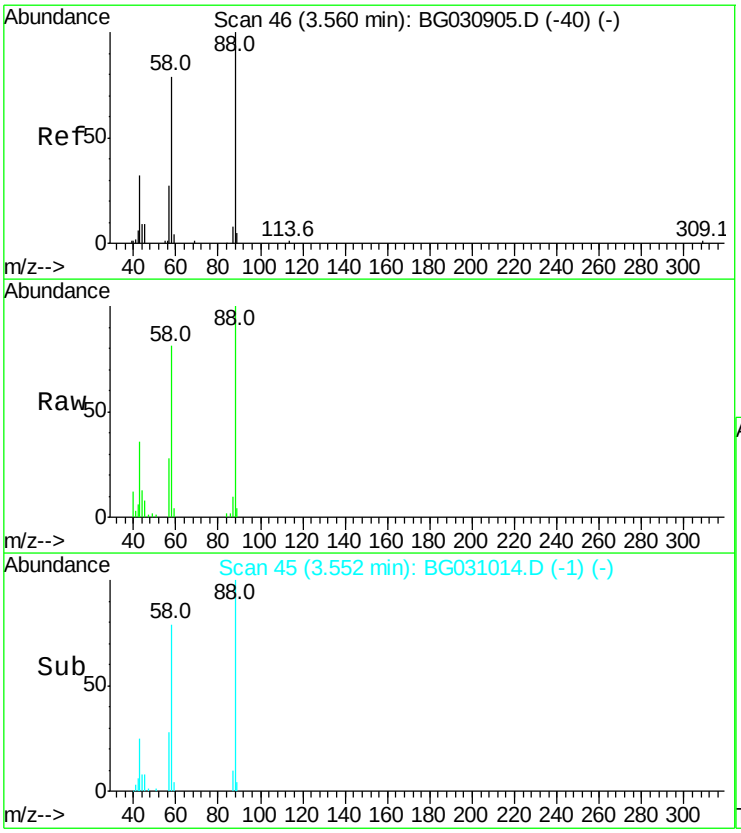
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28764

Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.6	189.8
115	56.4	53.0	79.4

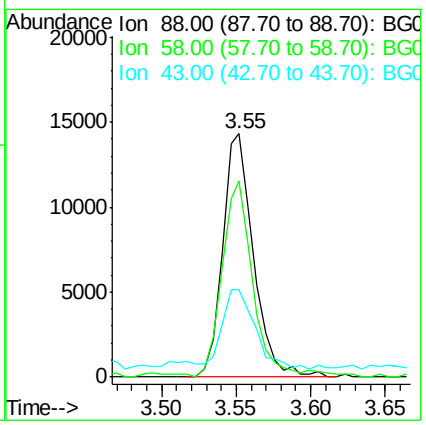


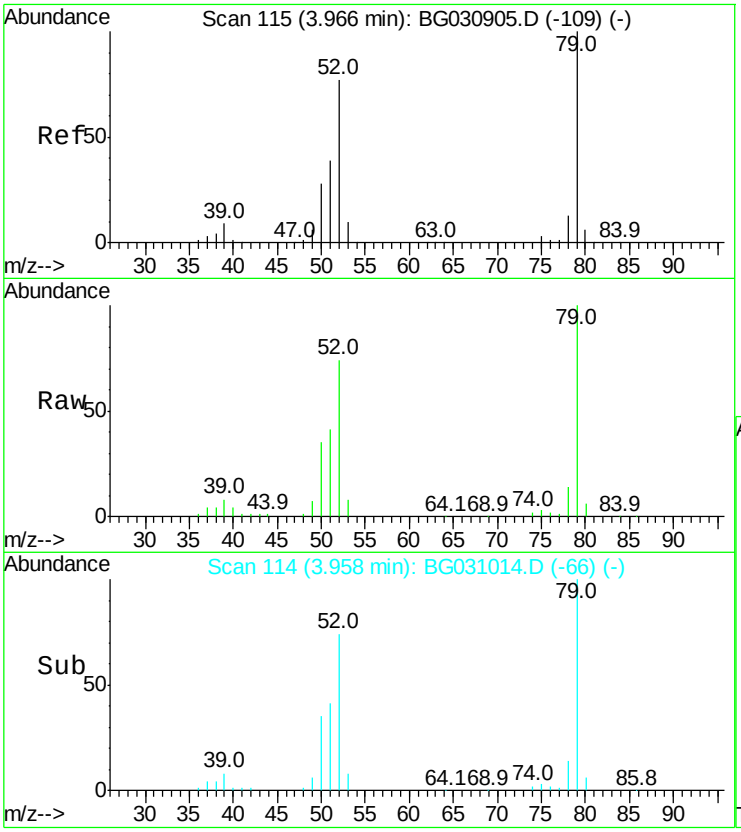


#2
1,4-Dioxane
Concen: 30.456 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 88 Resp: 20732

Ion	Ratio	Lower	Upper
88	100		
58	79.0	79.6	119.4#
43	34.7	27.4	41.0



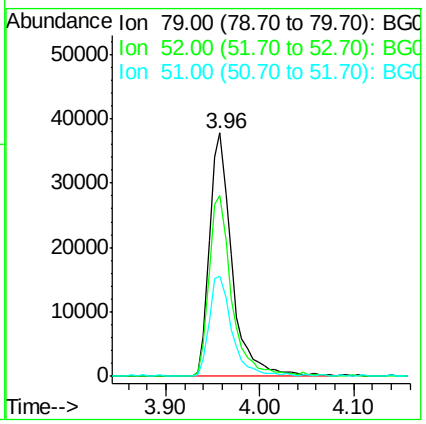


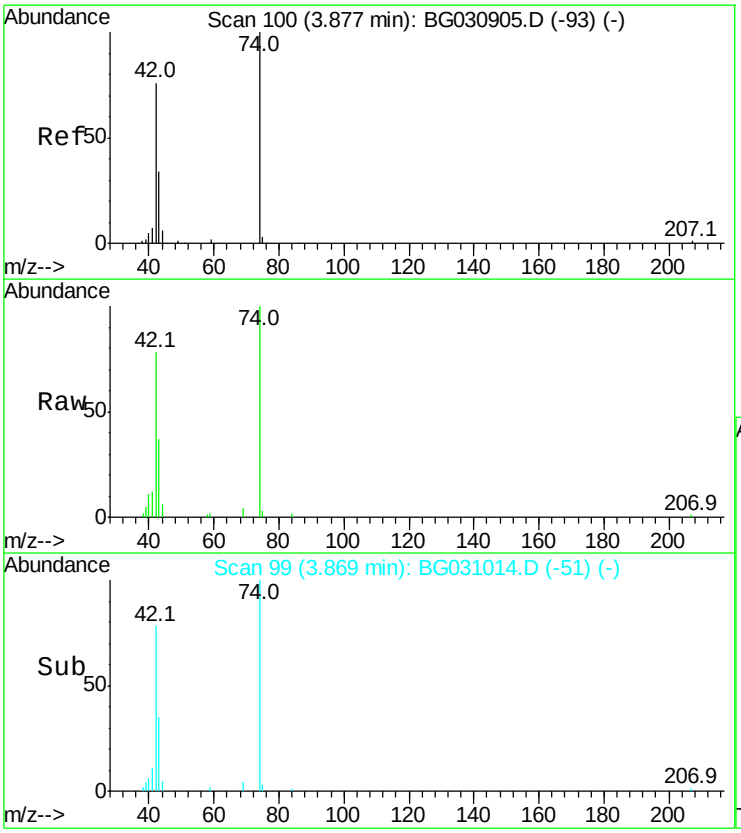
#3
Pyridine
Concen: 32.026 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 63291

Ion	Ratio	Lower	Upper
79	100		
52	74.4	69.9	104.9
51	41.0	34.0	51.0

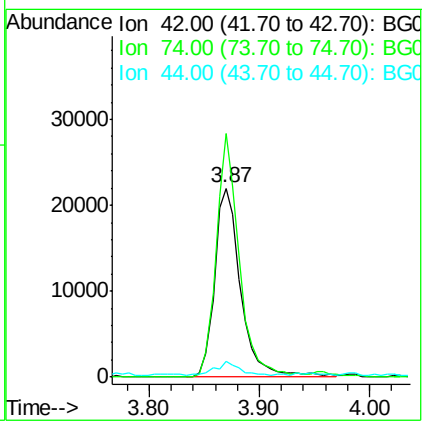


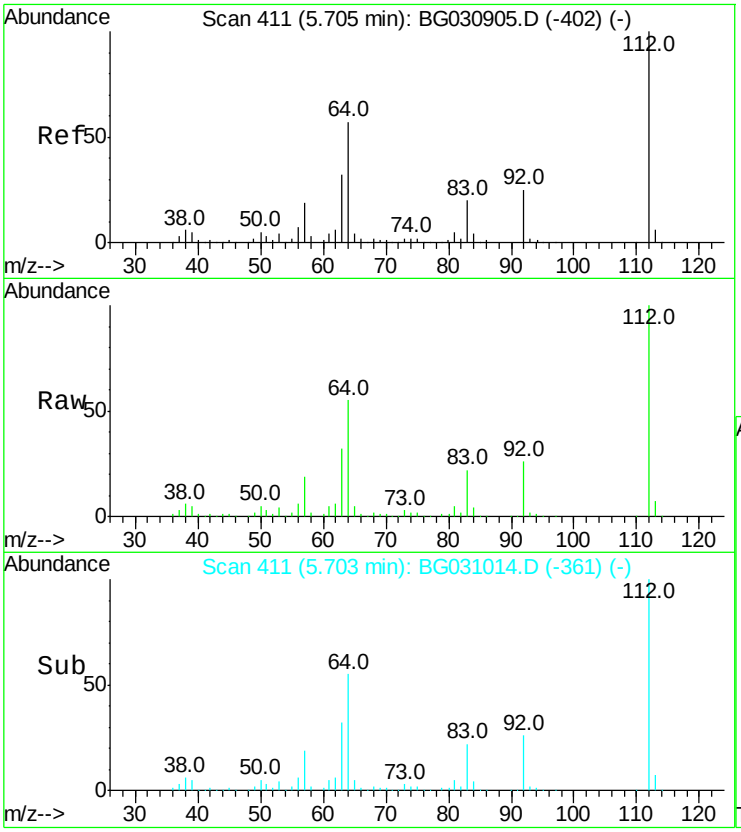


#4
n-Nitrosodimethylamine
Concen: 38.557 ng
RT: 3.87 min Scan# 99
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 42 Resp: 36113

Ion	Ratio	Lower	Upper
42	100		
74	129.0	102.5	153.7
44	8.3	18.9	28.3#



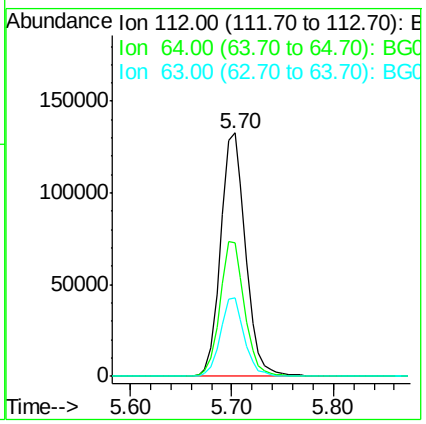


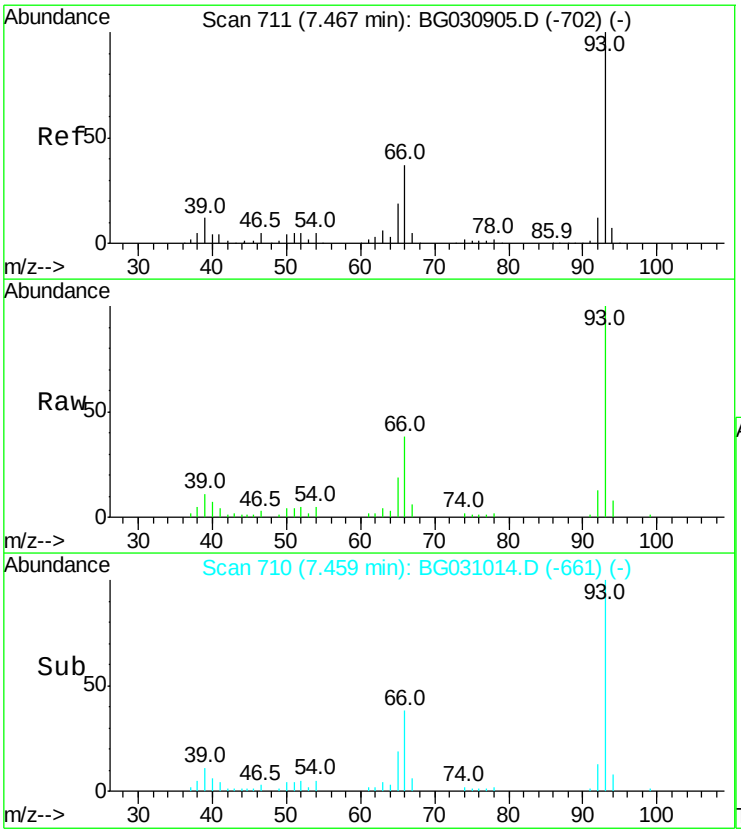
#5
2-Fluorophenol
Concen: 134.681 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 225919

Ion	Ratio	Lower	Upper
112	100		
64	55.1	56.3	84.5#
63	32.1	30.1	45.1

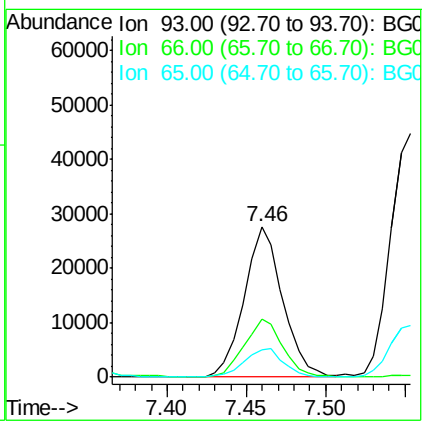


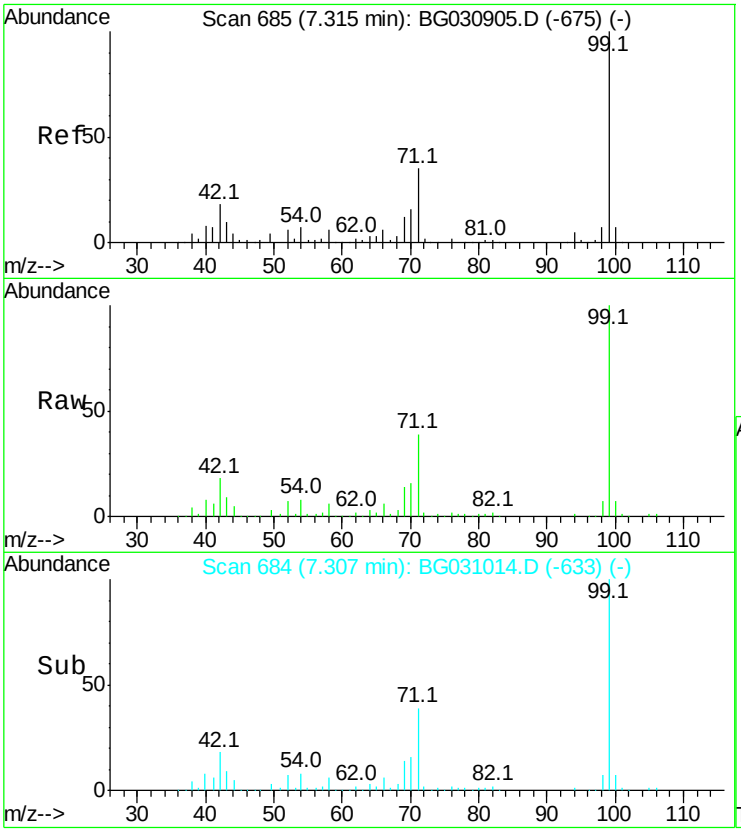


#6
Aniline
Concen: 15.663 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 93 Resp: 46584

Ion	Ratio	Lower	Upper
93	100		
66	38.2	33.7	50.5
65	18.5	16.1	24.1



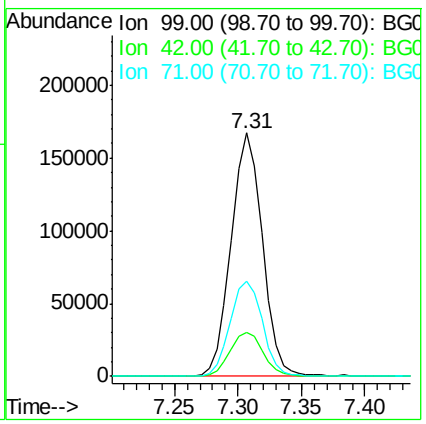


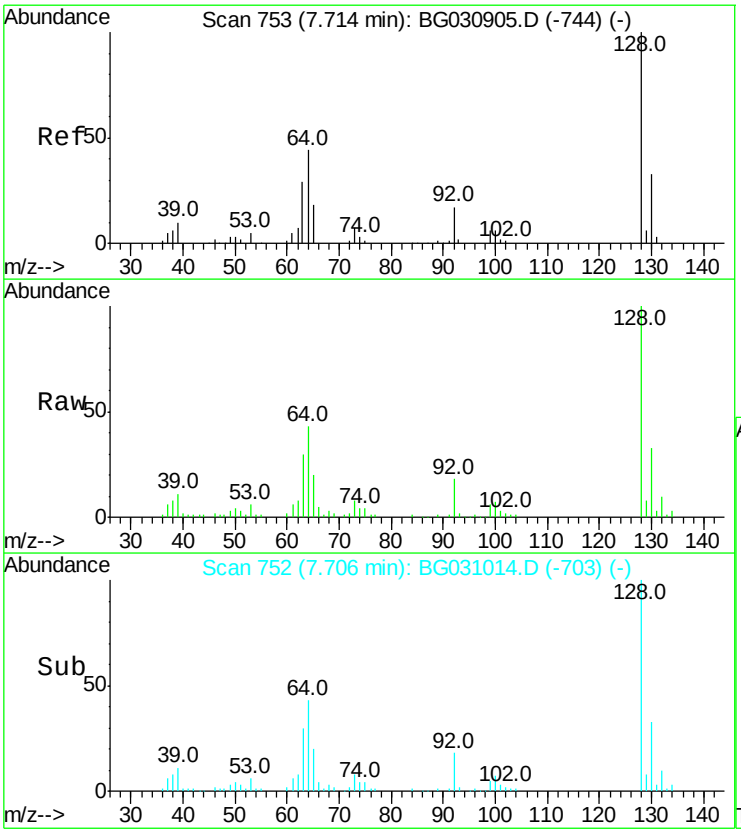
#7
Phenol-d6
Concen: 126.815 ng
RT: 7.31 min Scan# 684
Delta R.T. -0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 286585

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	39.1	26.1	39.1

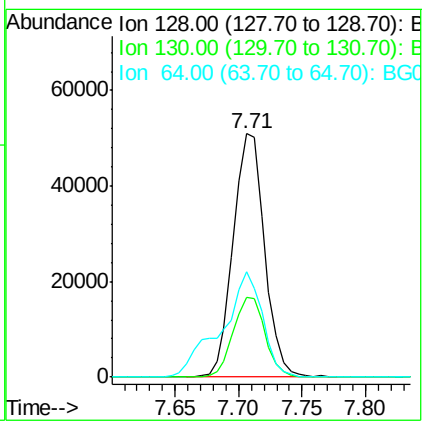


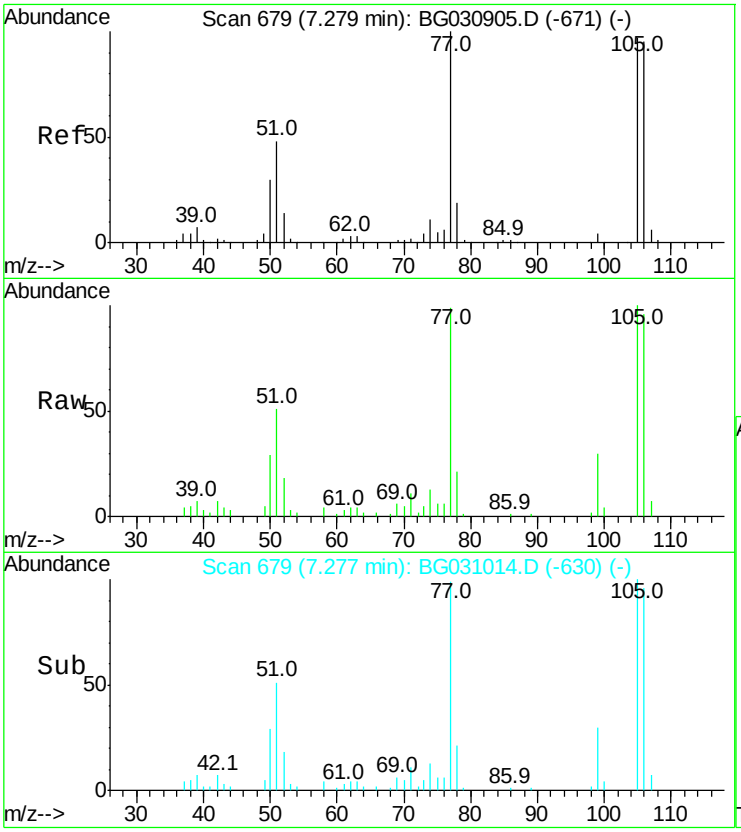


#8
2-Chlorophenol
Concen: 47.106 ng
RT: 7.71 min Scan# 752
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:128 Resp: 87201

Ion	Ratio	Lower	Upper
128	100		
130	32.8	14.0	54.0
64	43.1	37.7	77.7



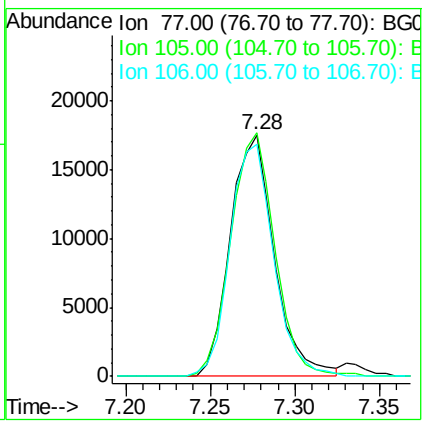


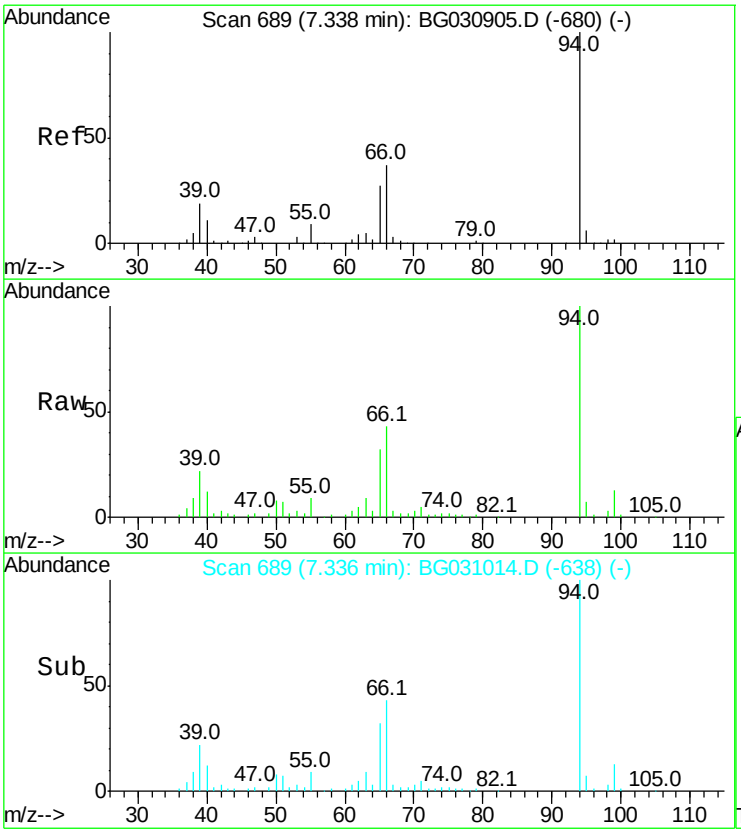
#9
Benzaldehyde
Concen: 20.078 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 31751

Ion	Ratio	Lower	Upper
77	100		
105	100.8	71.3	111.3
106	96.3	64.2	104.2

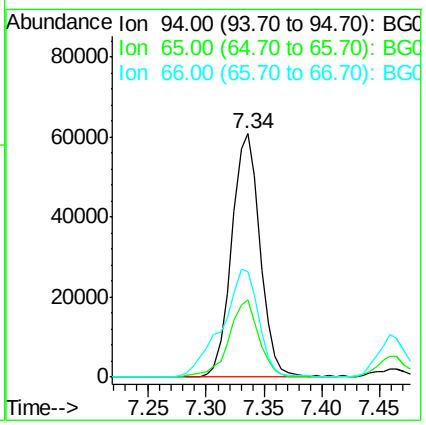


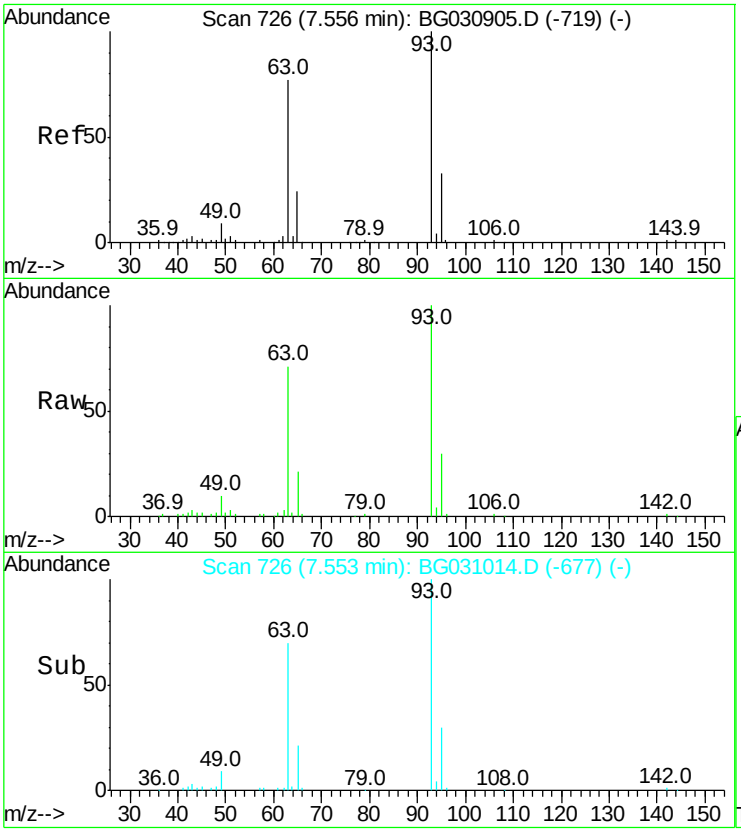


#10
Phenol
Concen: 44.157 ng
RT: 7.34 min Scan# 689
Delta R.T. -0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 94 Resp: 103631

Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.9	51.9
66	43.4	22.2	62.2



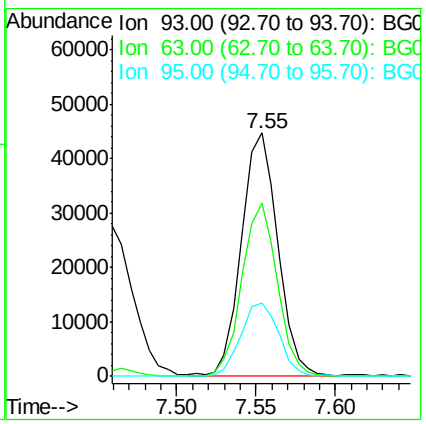


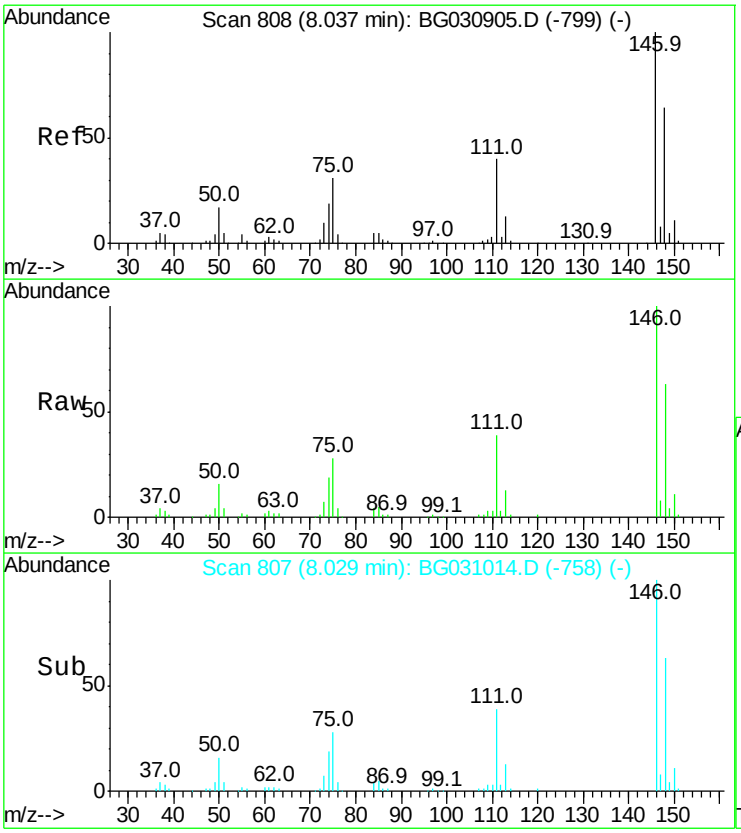
#11
bis(2-Chloroethyl)ether
Concen: 37.839 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 70905

Ion	Ratio	Lower	Upper
93	100		
63	71.2	67.1	107.1
95	30.2	11.5	51.5

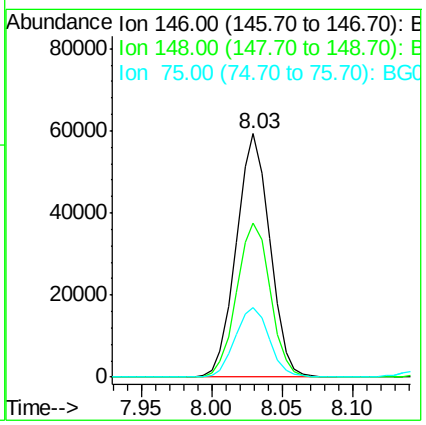


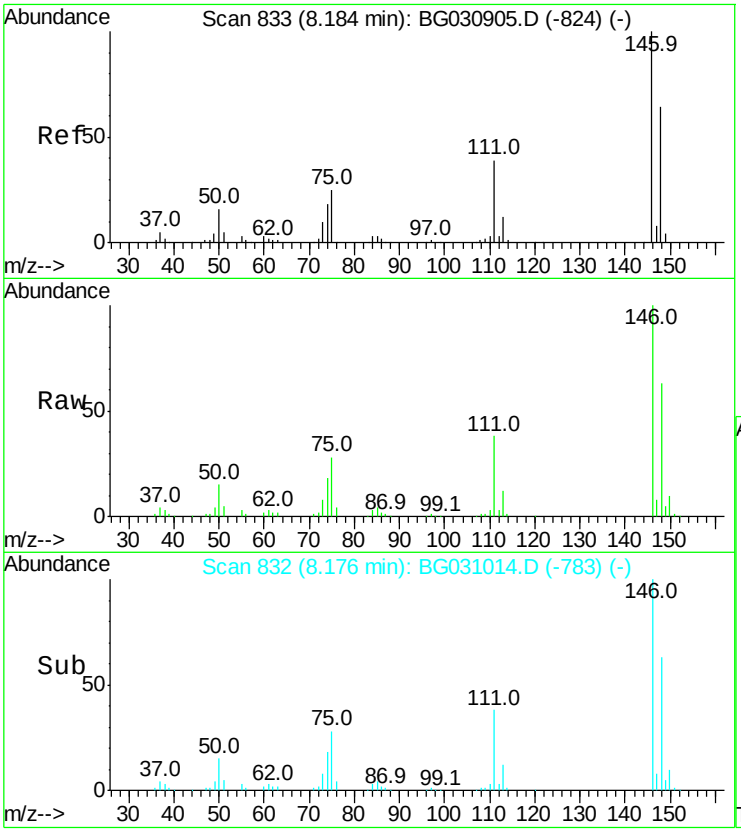


#12
1,3-Dichlorobenzene
Concen: 45.330 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:146 Resp: 98451

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
75	28.5	26.6	39.8

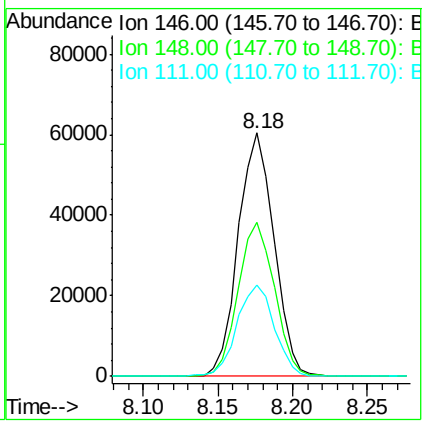




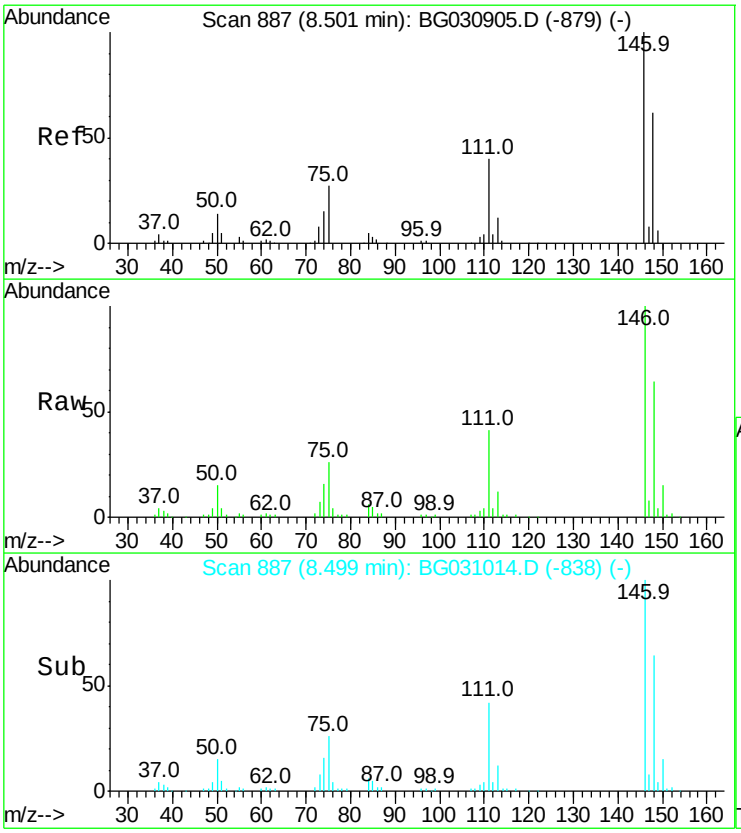
#13
1,4-Dichlorobenzene
Concen: 45.602 ng
RT: 8.18 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:146 Resp: 100364

Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.7	80.5
111	37.8	35.2	52.8



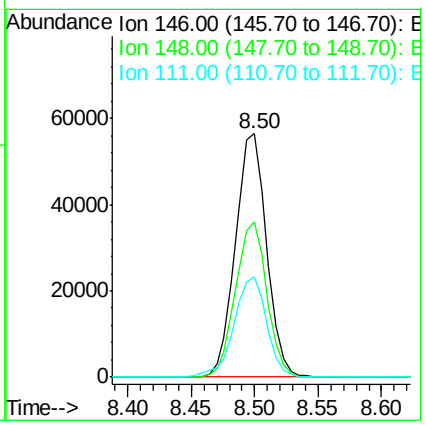
Instrument :
BNA_G
ClientSampleId :

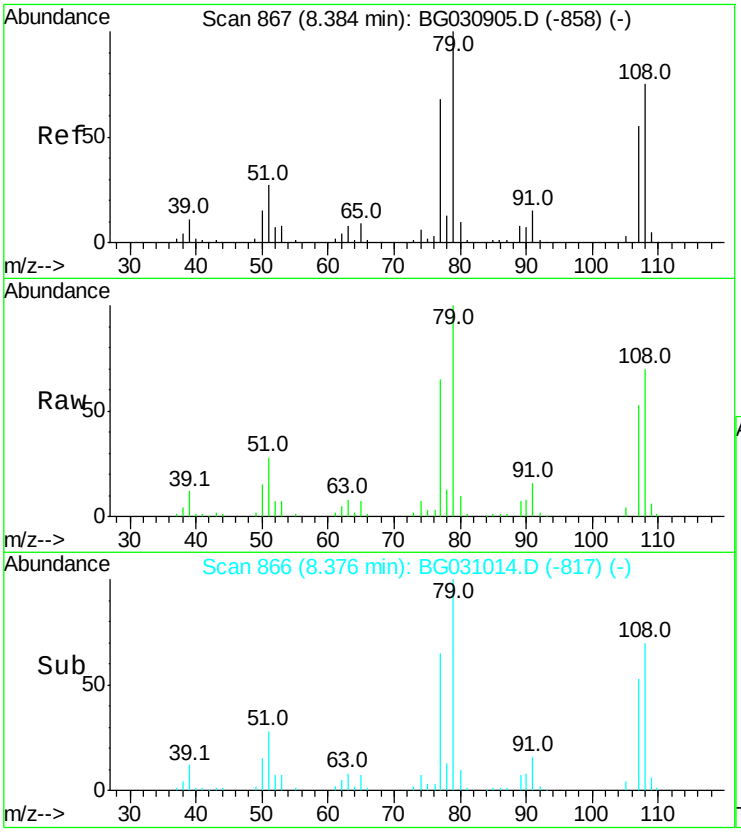


#14
1,2-Dichlorobenzene
Concen: 45.549 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:146 Resp: 96218

Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.3	73.9
111	41.4	34.3	51.5



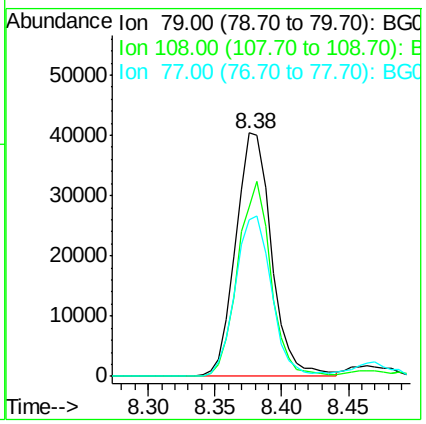


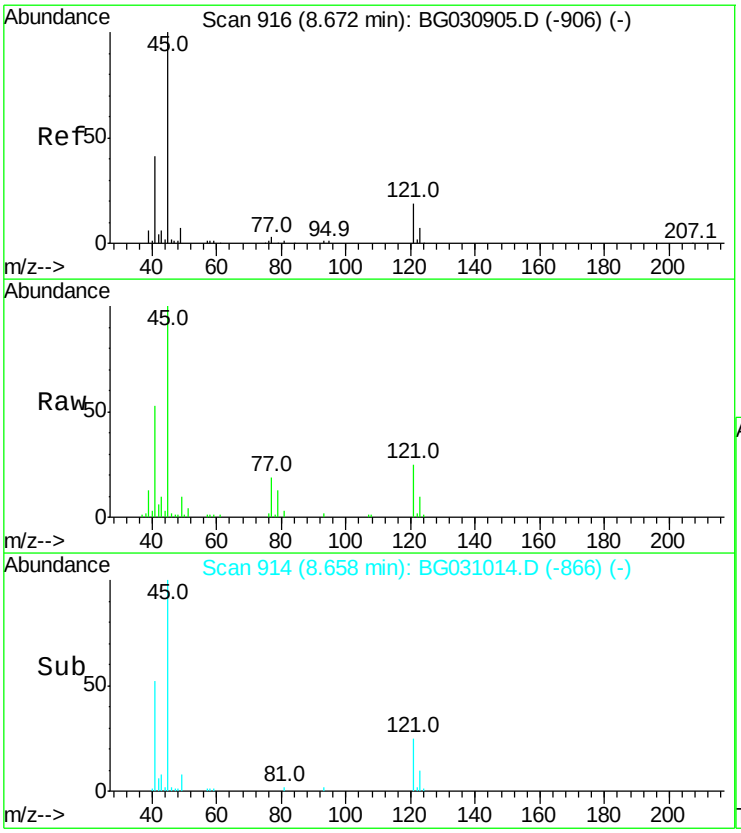
#15
Benzyl Alcohol
Concen: 41.547 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 75312

Ion	Ratio	Lower	Upper
79	100		
108	69.5	57.2	85.8
77	64.5	46.1	69.1

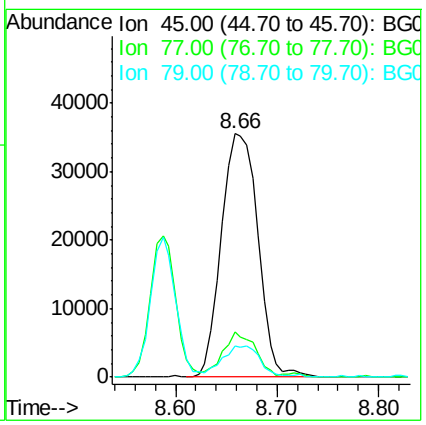


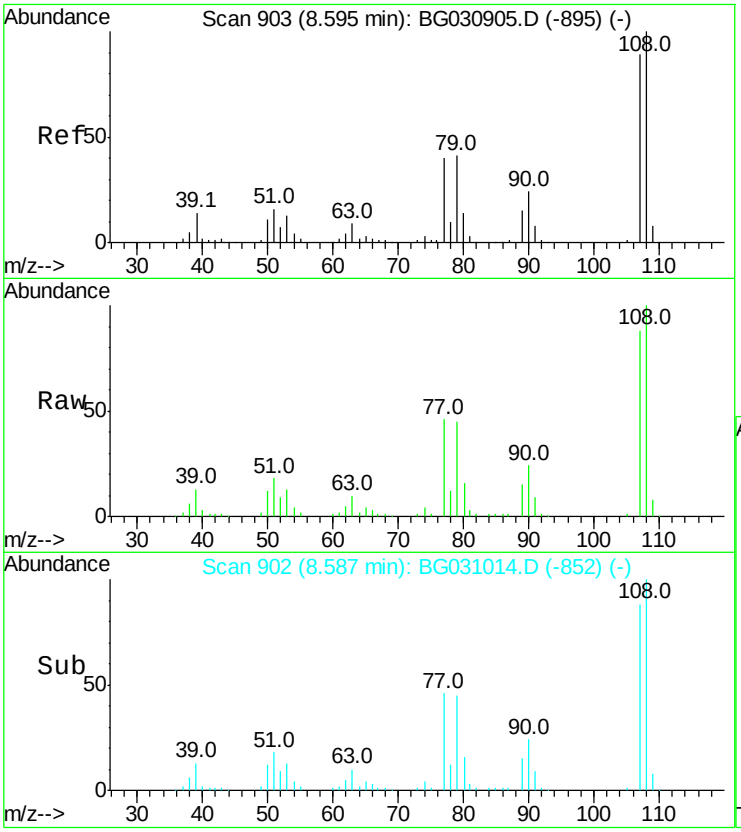


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.995 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 45 Resp: 88992

Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	30.2
79	12.7	0.0	27.9



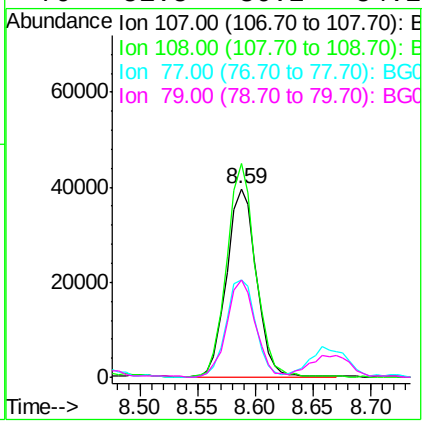


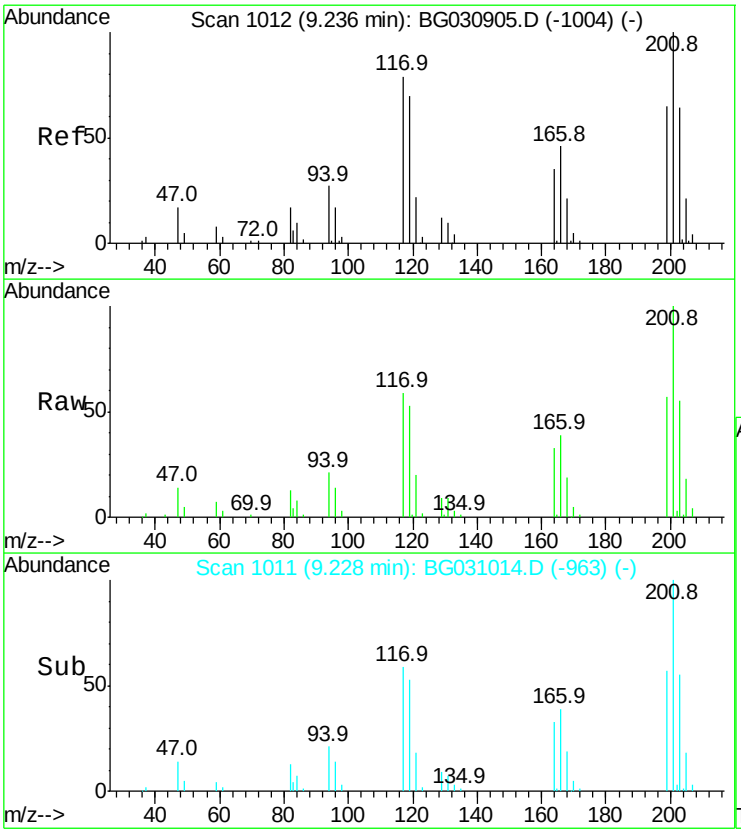
#17
2-Methylphenol
Concen: 43.459 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 71024

Ion	Ratio	Lower	Upper
107	100		
108	113.5	83.9	125.9
77	52.0	37.2	55.8
79	51.5	36.2	54.2

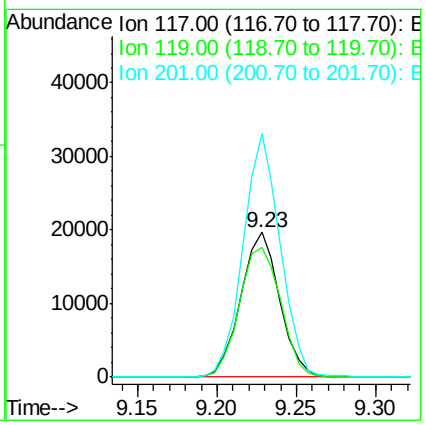


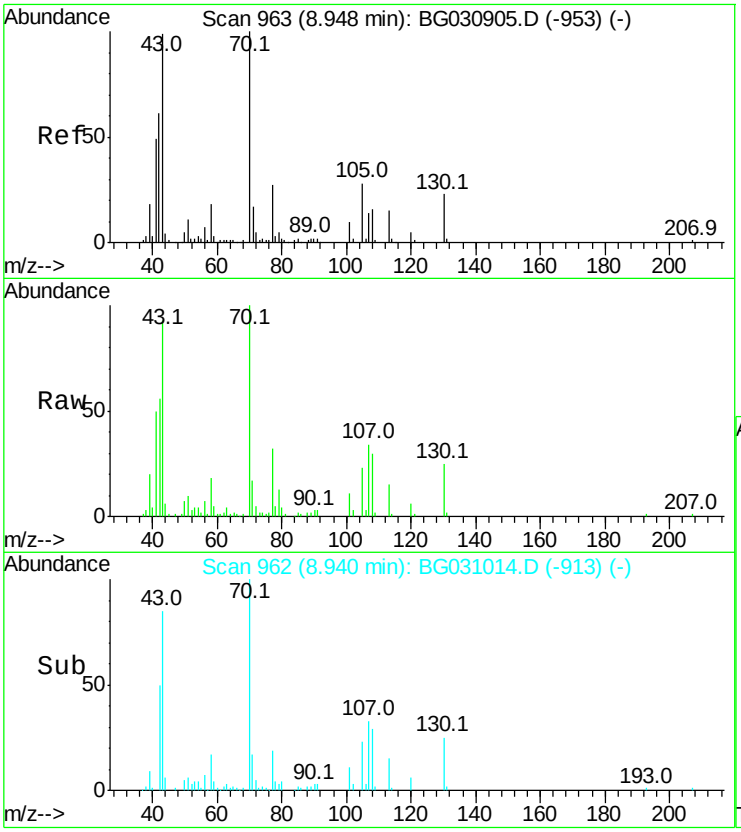


#18
Hexachloroethane
Concen: 43.538 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:117 Resp: 33350

Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.7	115.1
201	168.3	95.7	143.5#



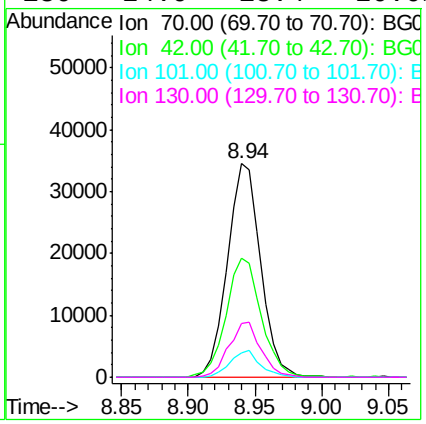


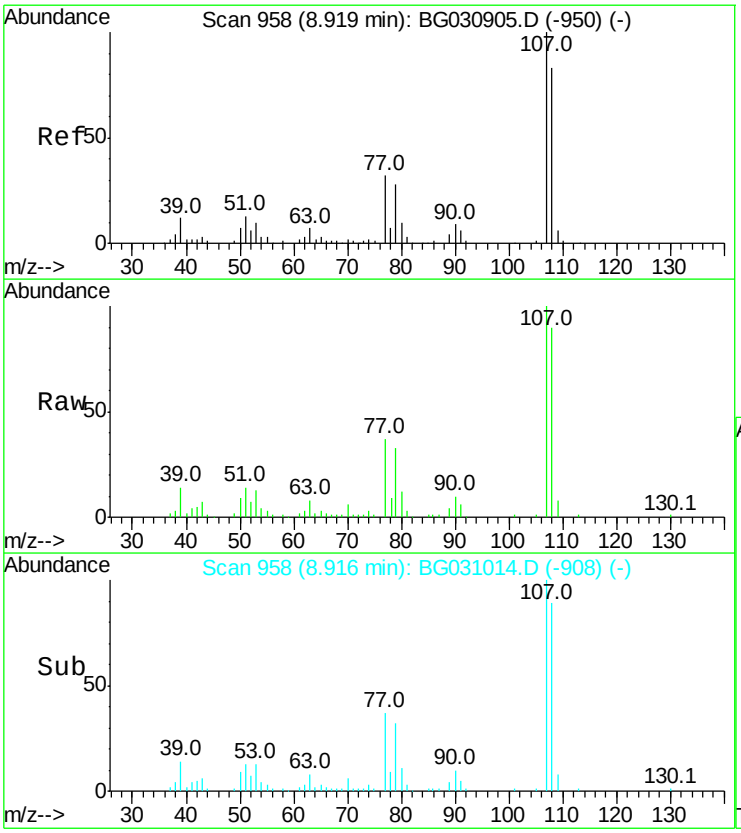
#19
n-Nitroso-di-n-propylamine
Concen: 34.819 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 59828

Ion	Ratio	Lower	Upper
70	100		
42	55.6	49.1	73.7
101	11.3	8.5	12.7
130	24.9	13.4	20.0#

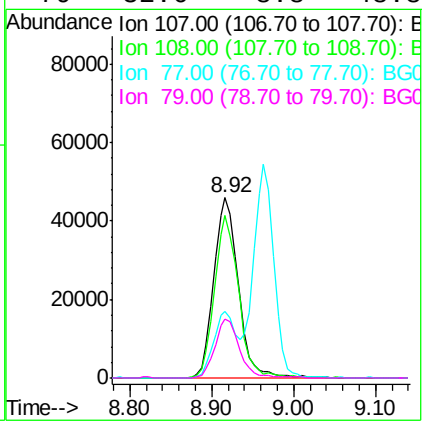


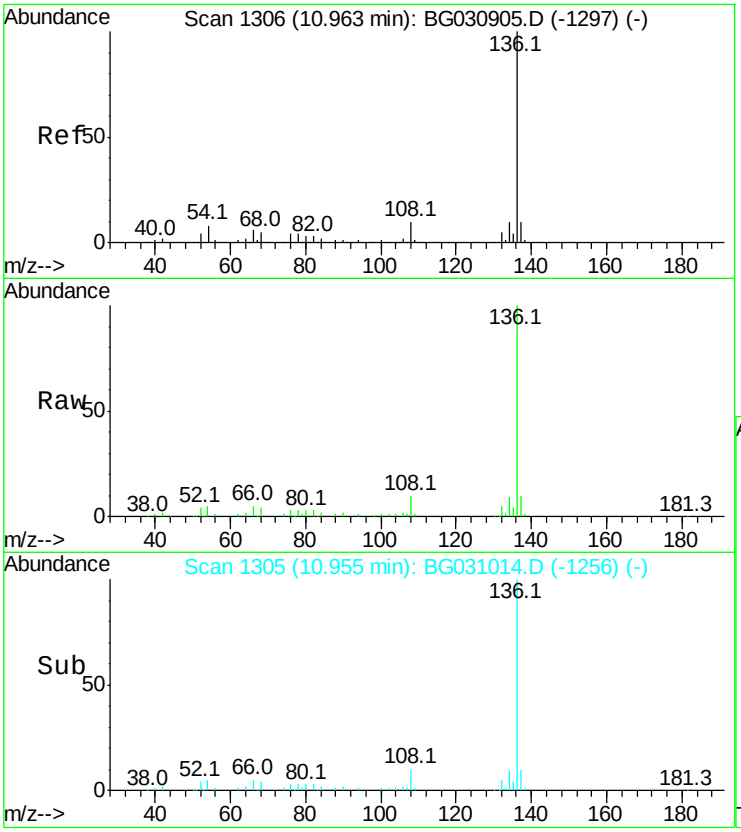


#20
3+4-Methylphenols
Concen: 41.377 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:107 Resp: 96154

Ion	Ratio	Lower	Upper
107	100		
108	89.9	61.6	101.6
77	36.8	13.9	53.9
79	32.6	8.8	48.8



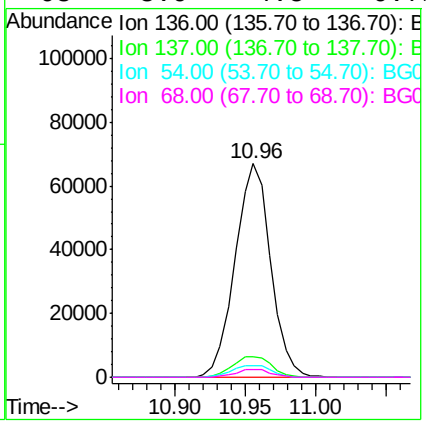


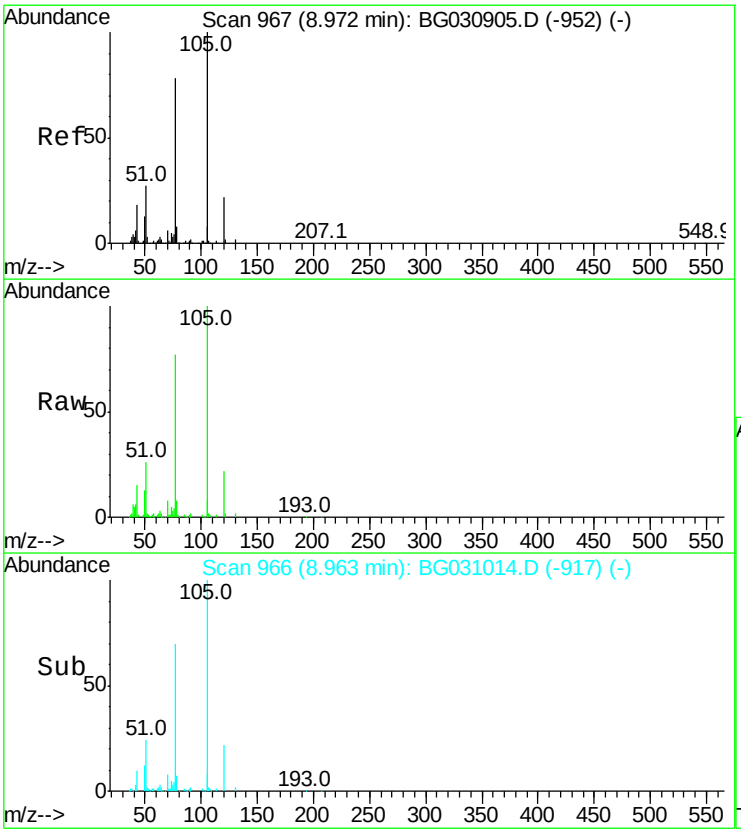
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 117606

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	5.4	10.3	15.5#
68	3.9	4.5	6.7#

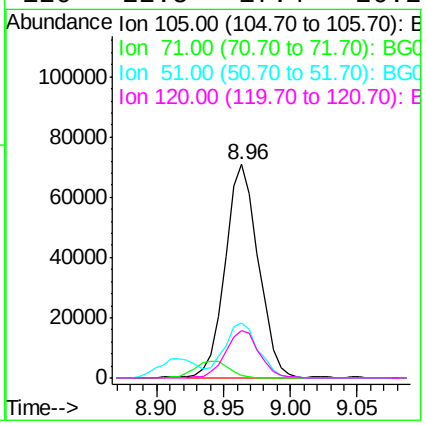


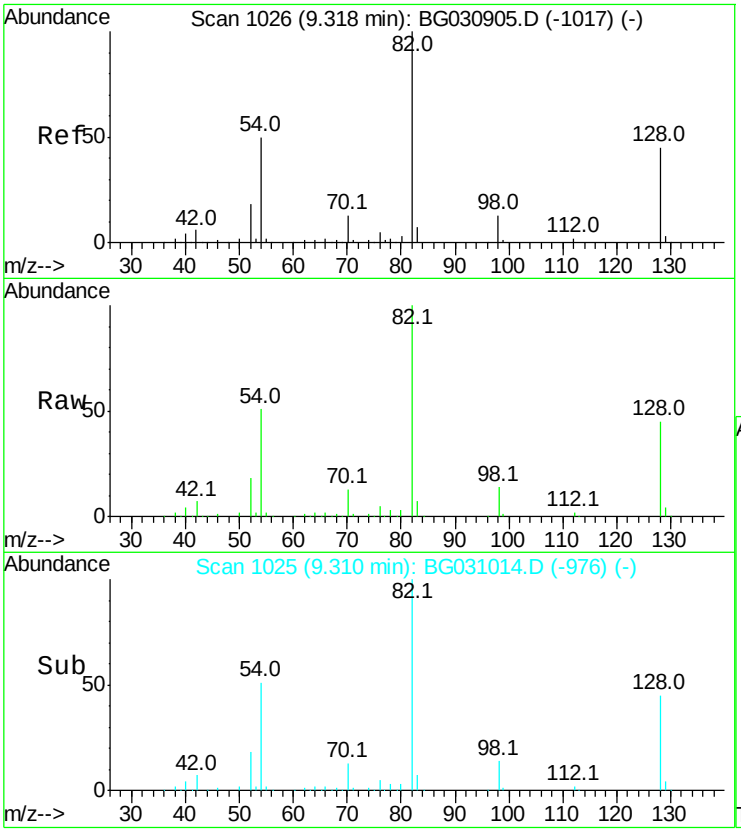


#22
Acetophenone
Concen: 41.737 ng
RT: 8.96 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:105 Resp: 122217

Ion	Ratio	Lower	Upper
105	100		
71	1.1	3.0	4.4#
51	25.8	26.1	39.1#
120	22.5	17.4	26.2



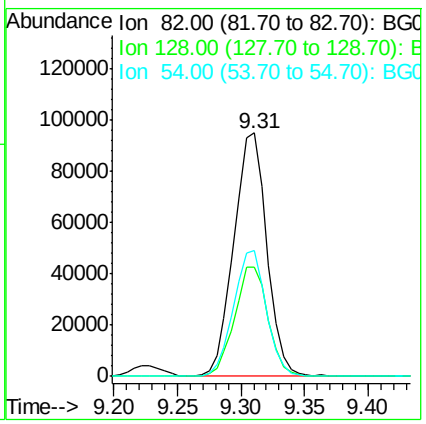


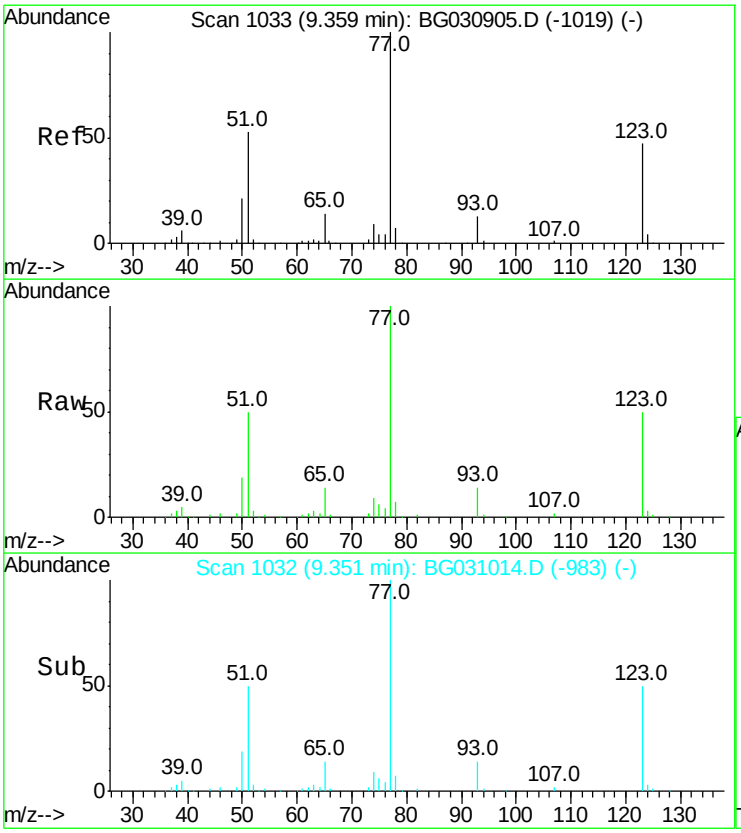
#23
Nitrobenzene-d5
Concen: 86.480 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 171637

Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	51.4	43.1	64.7

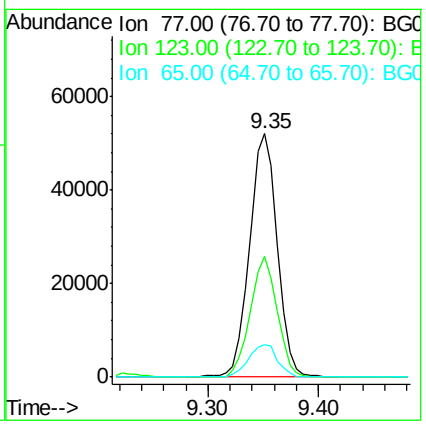


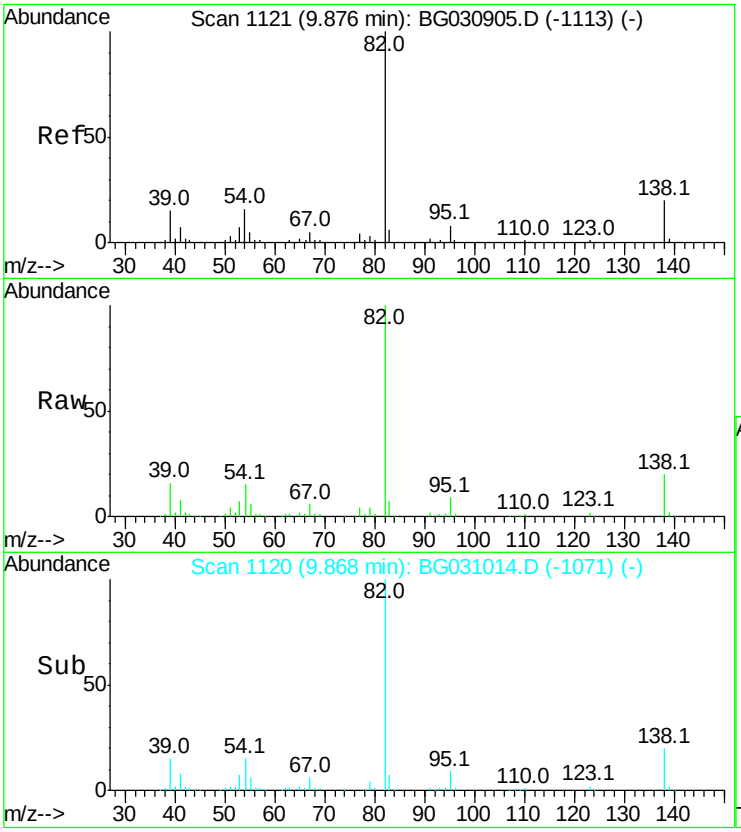


#24
Nitrobenzene
Concen: 45.221 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 77 Resp: 91680

Ion	Ratio	Lower	Upper
77	100		
123	49.8	33.0	49.6#
65	13.5	13.0	19.6



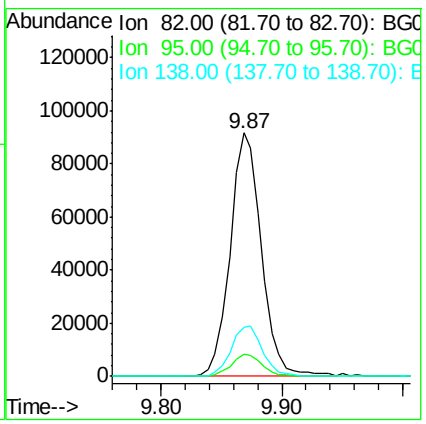


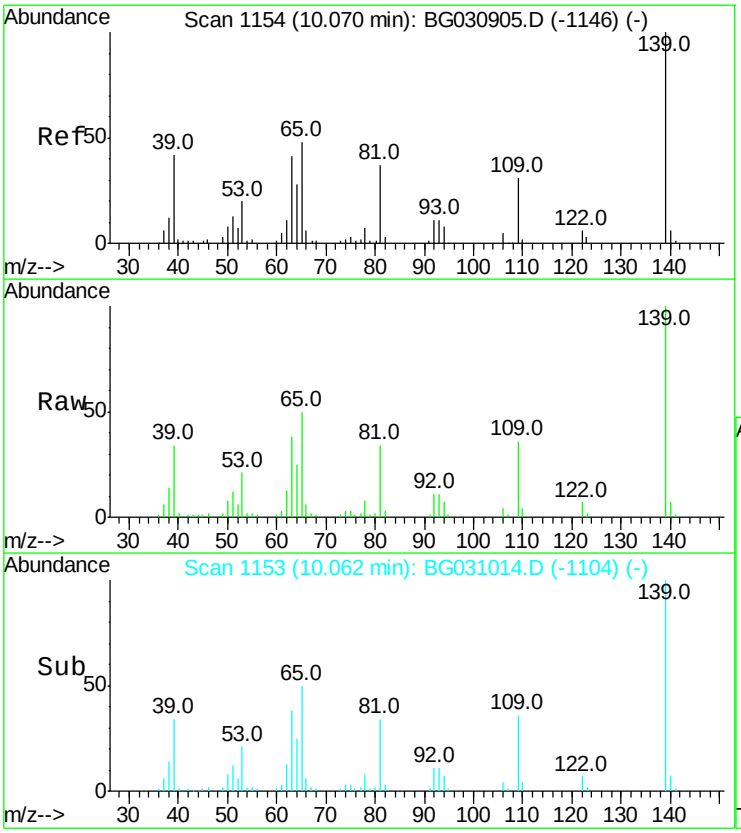
#25
Isophorone
Concen: 42.588 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 164847

Ion	Ratio	Lower	Upper
82	100		
95	9.4	6.2	9.2#
138	20.3	12.1	18.1#

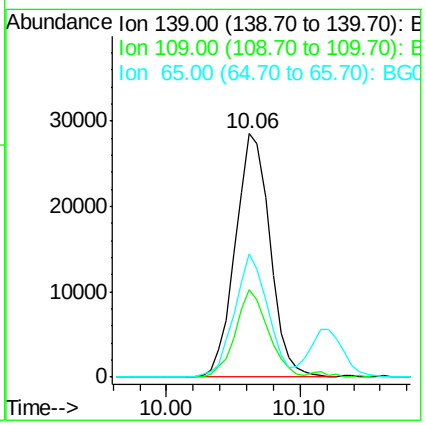


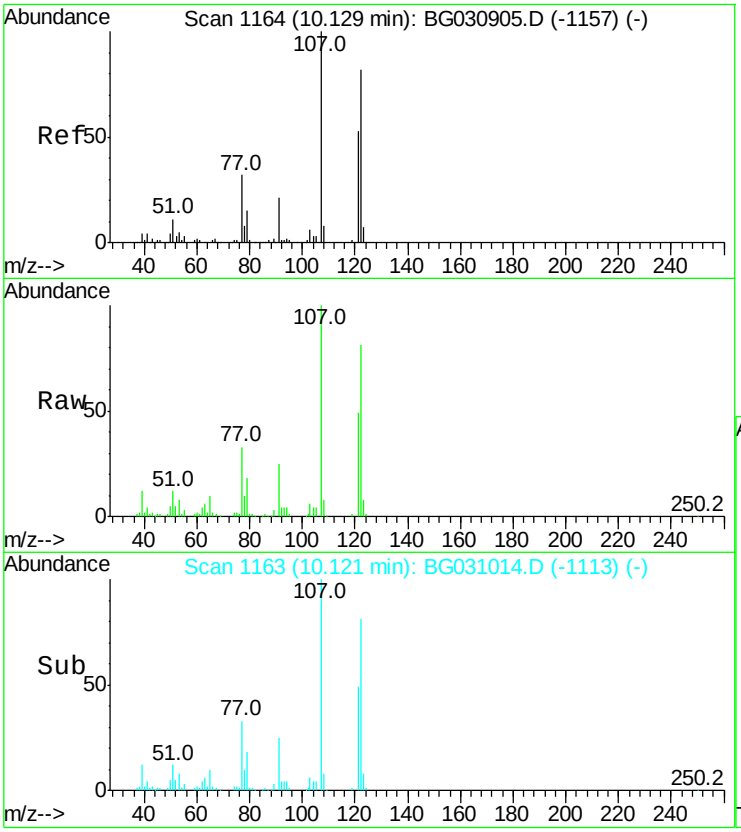


#26
2-Nitrophenol
Concen: 48.477 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:139 Resp: 51229

Ion	Ratio	Lower	Upper
139	100		
109	35.8	24.2	36.2
65	50.4	47.4	71.0



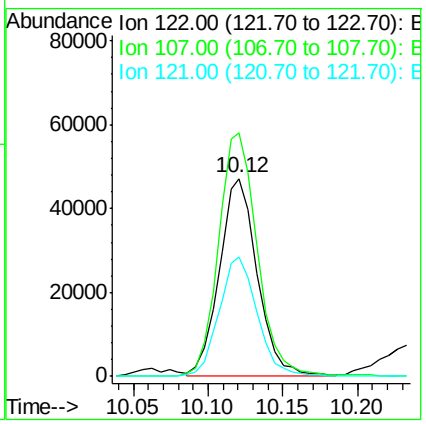


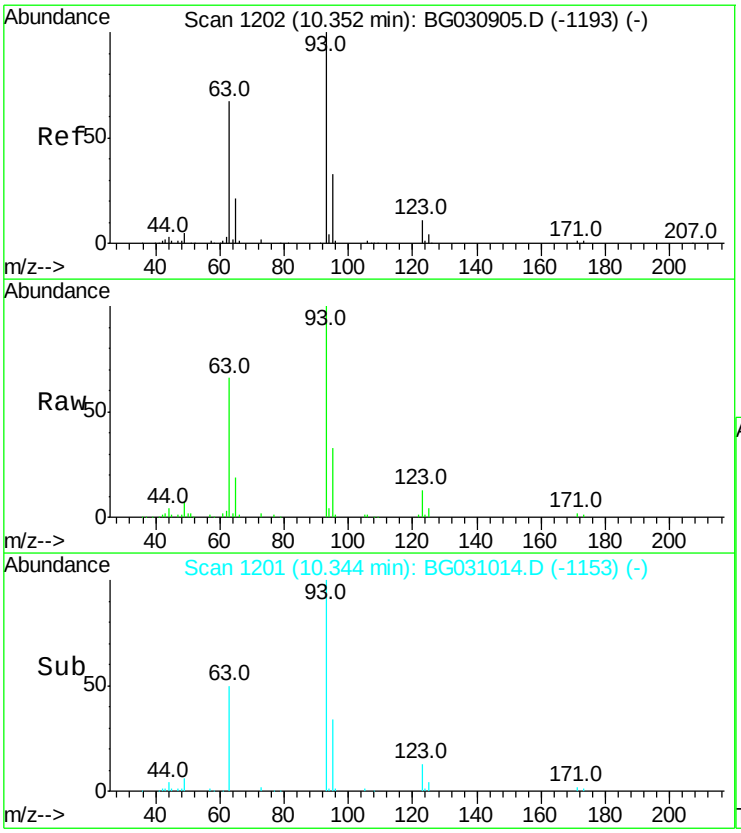
#27
2,4-Dimethylphenol
Concen: 53.035 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 83204

Ion	Ratio	Lower	Upper
122	100		
107	122.9	100.2	150.2
121	60.1	44.4	66.6

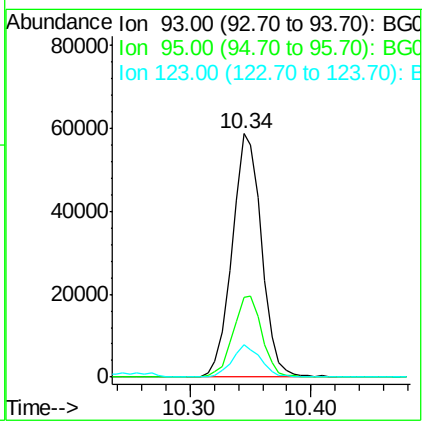


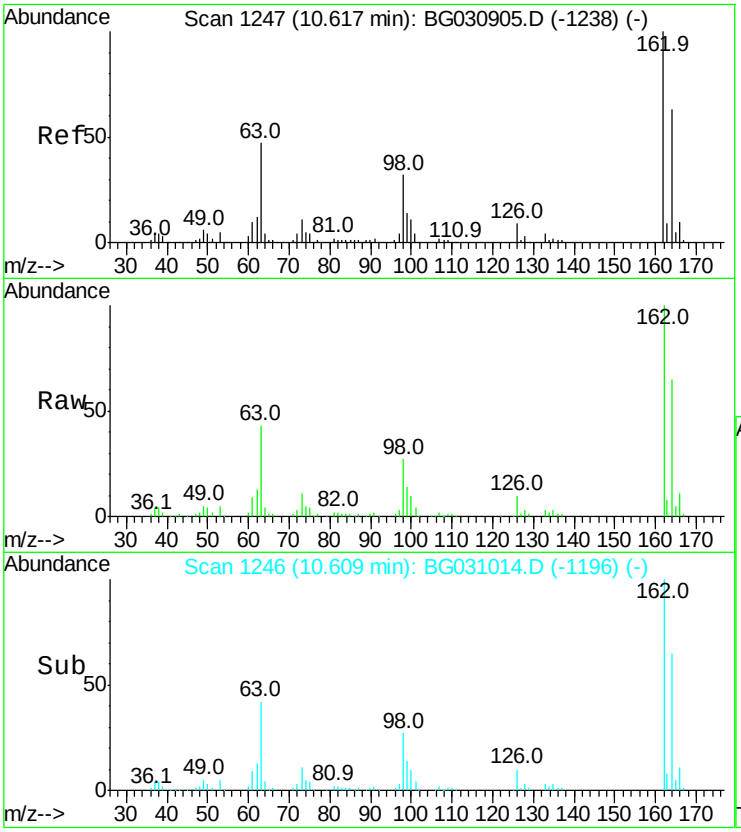


#28
bis(2-Chloroethoxy)methane
Concen: 40.929 ng
RT: 10.34 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 93 Resp: 99779

Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.3	36.5
123	13.3	8.4	12.6#



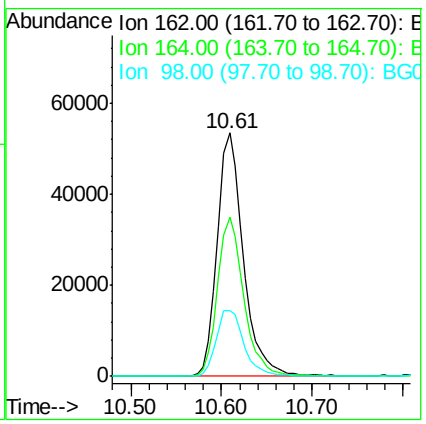


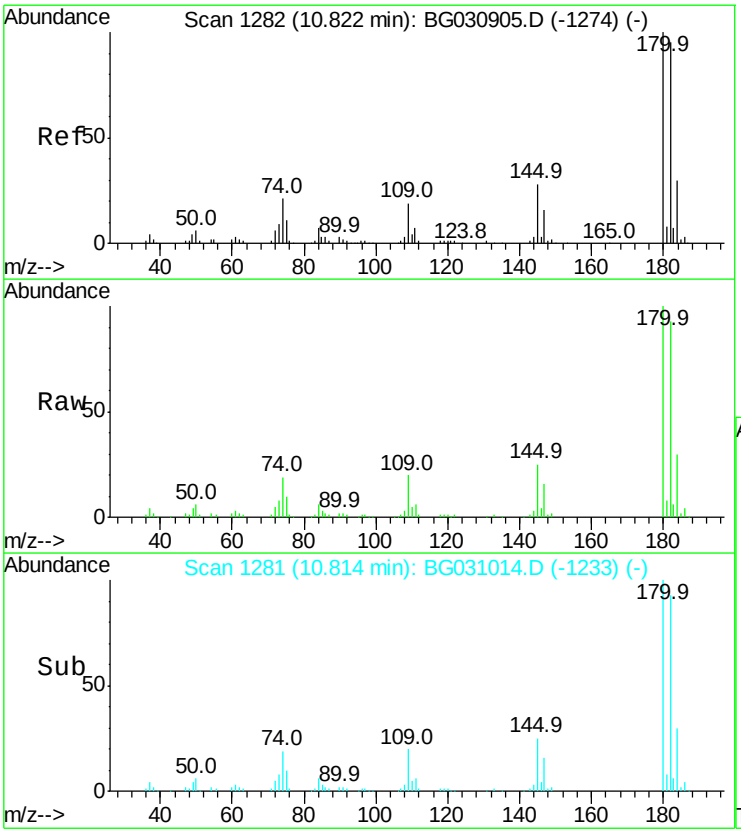
#29
2,4-Dichlorophenol
Concen: 56.879 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 107155

Ion	Ratio	Lower	Upper
162	100		
164	65.2	48.0	88.0
98	27.1	21.1	61.1

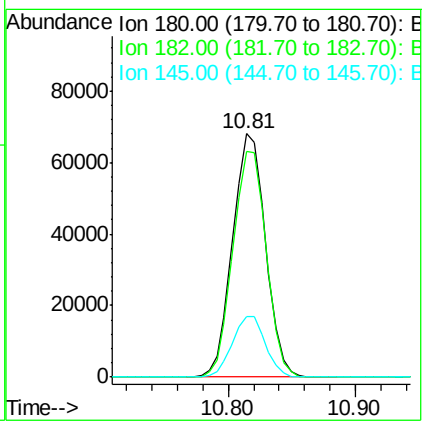


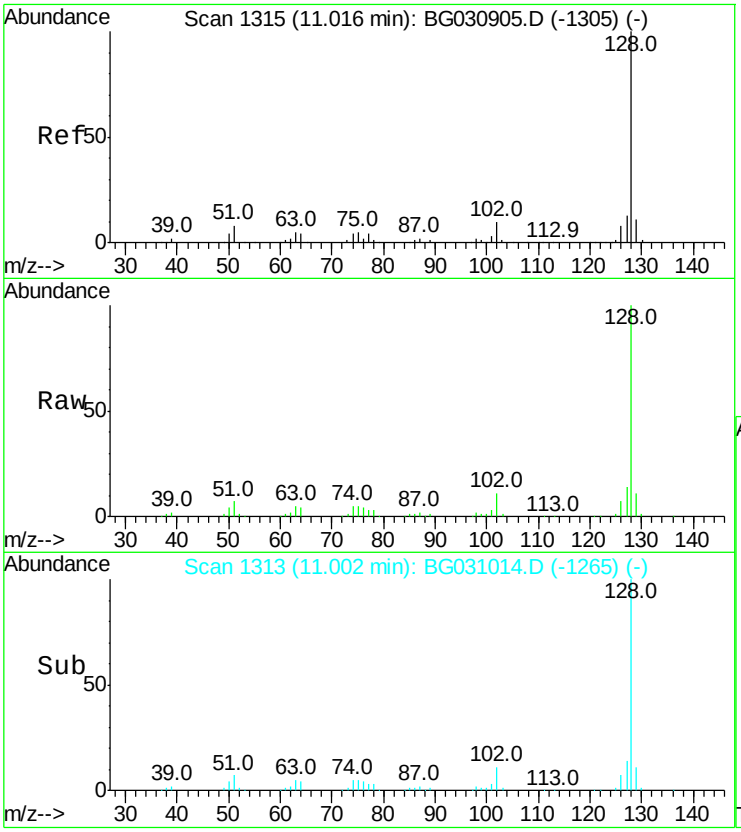


#30
1,2,4-Trichlorobenzene
Concen: 54.376 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:180 Resp: 122303

Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.5	116.3
145	24.8	23.4	35.2



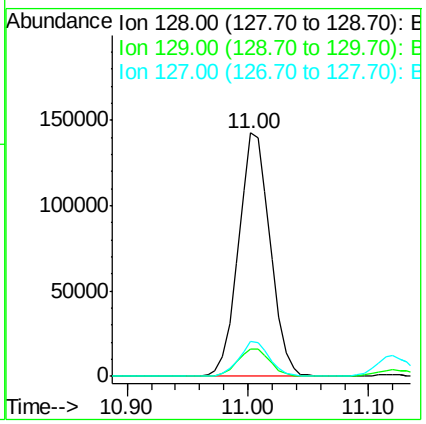


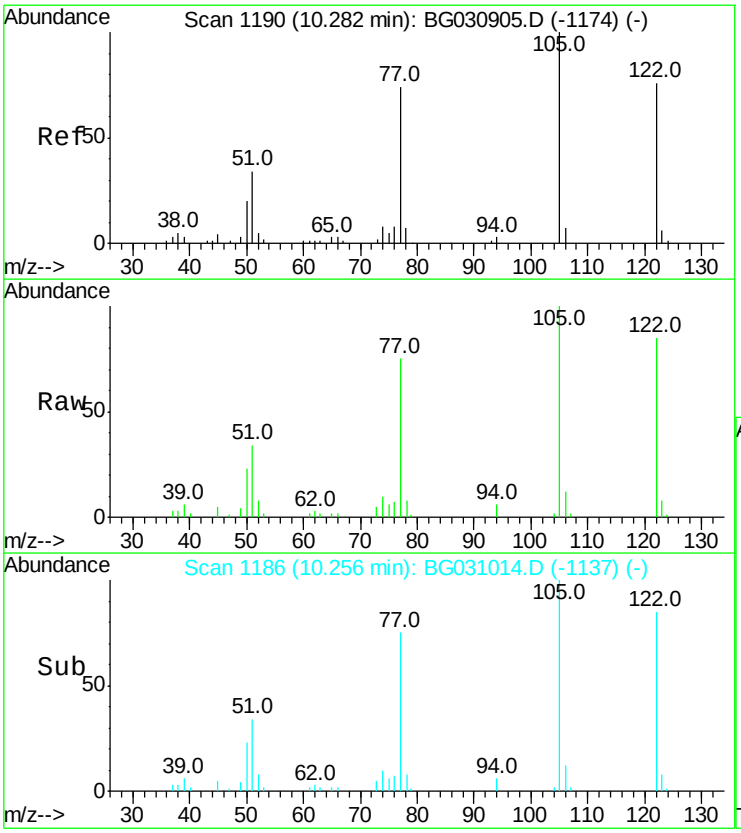
#31
Naphthalene
Concen: 44.859 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 259348

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.2	11.6	17.4

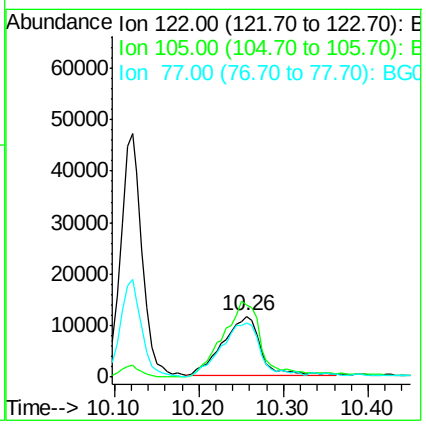


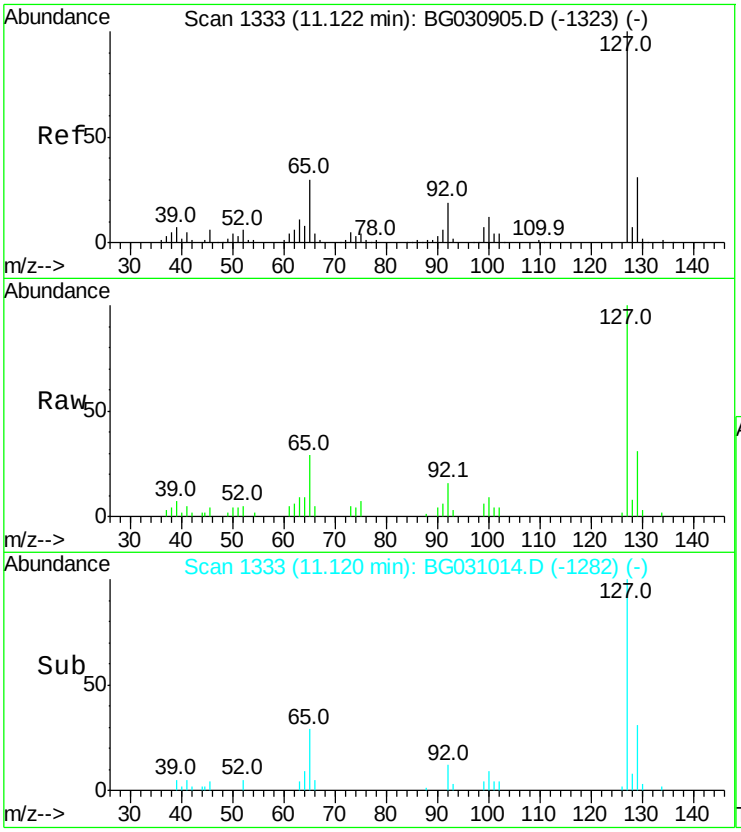


#32
Benzoic acid
Concen: 29.704 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:122 Resp: 35616

Ion	Ratio	Lower	Upper
122	100		
105	117.2	123.5	163.5#
77	87.7	85.7	125.7



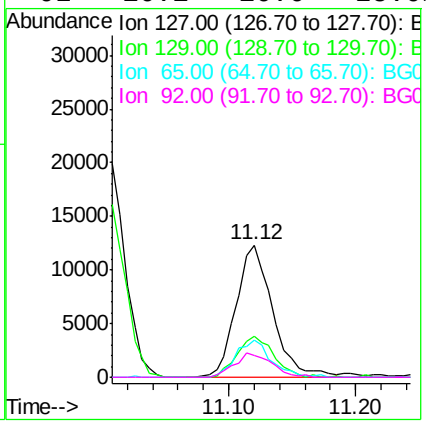


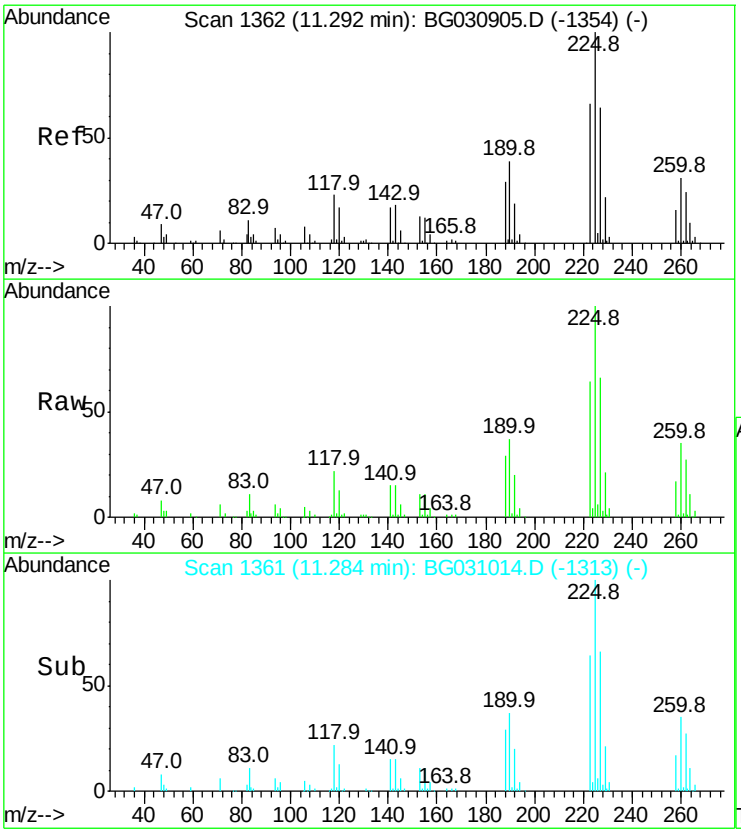
#33
4-Chloroaniline
Concen: 9.768 ng
RT: 11.12 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 24722

Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.0	36.0
65	28.5	27.0	40.4
92	16.1	16.6	25.0#

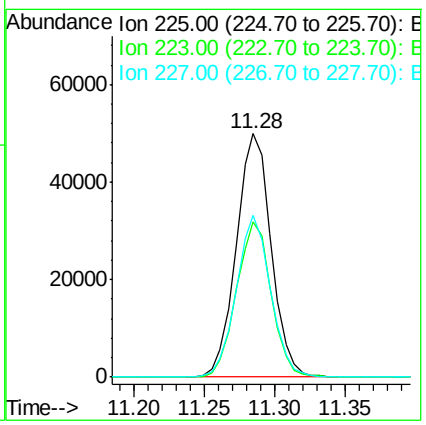


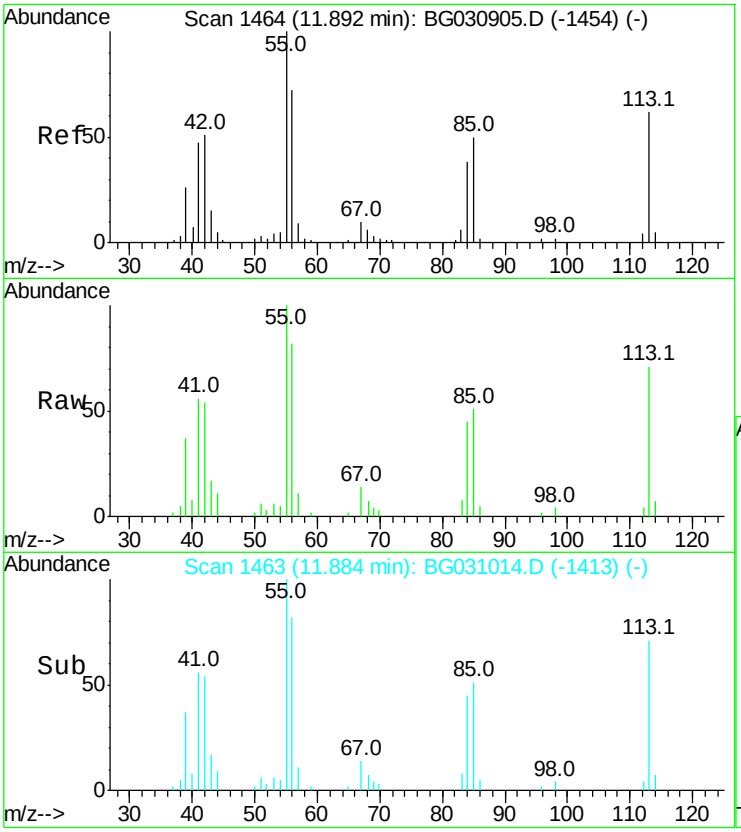


#34
Hexachlorobutadiene
Concen: 55.180 ng
RT: 11.28 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:225 Resp: 86073

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	66.3	48.1	72.1



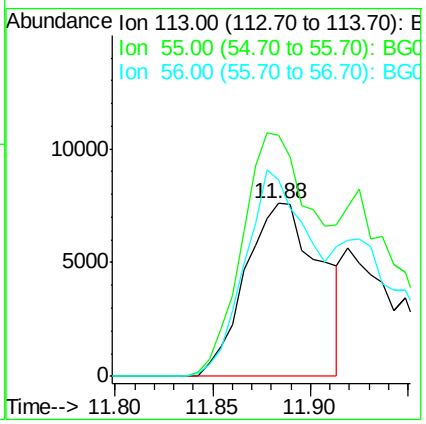


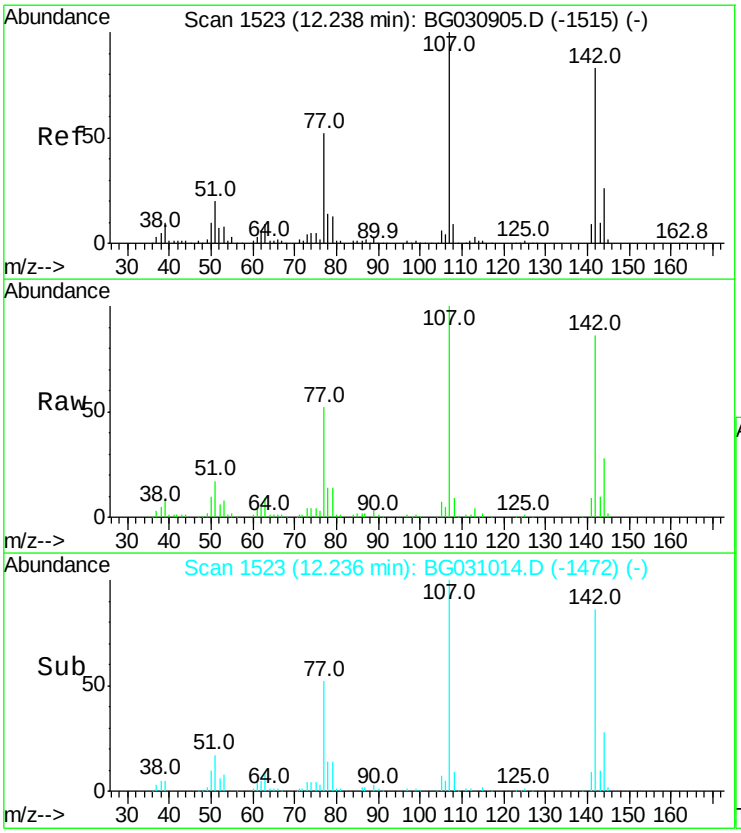
#35
Caprolactam
Concen: 26.258 ng
RT: 11.88 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 20208

Ion	Ratio	Lower	Upper
113	100		
55	139.9	186.9	226.9#
56	114.1	130.9	170.9#

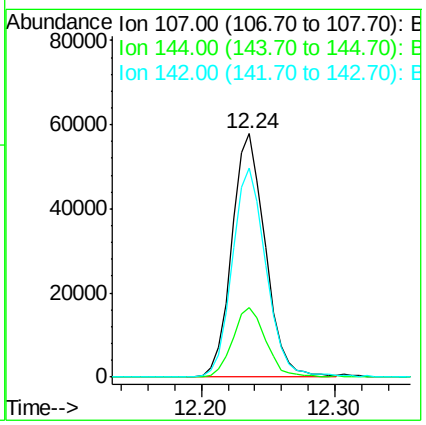


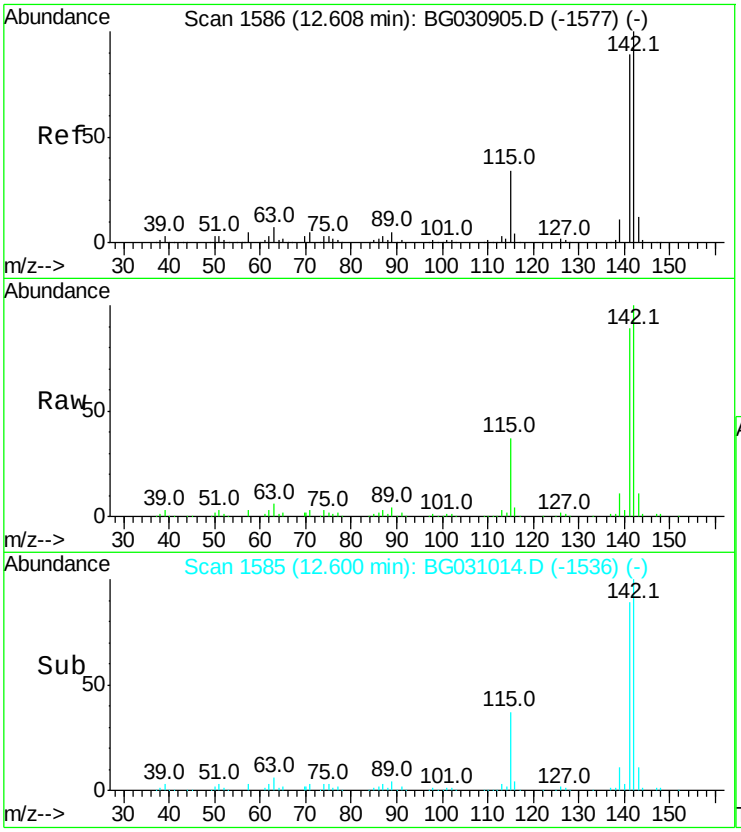


#36
4-Chloro-3-methylphenol
Concen: 49.014 ng
RT: 12.24 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:107 Resp: 100498

Ion	Ratio	Lower	Upper
107	100		
144	28.4	18.2	27.4#
142	85.9	59.0	88.4



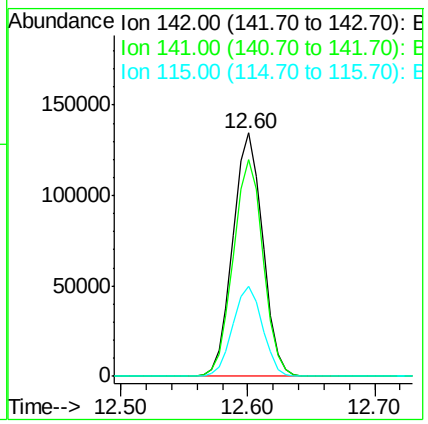


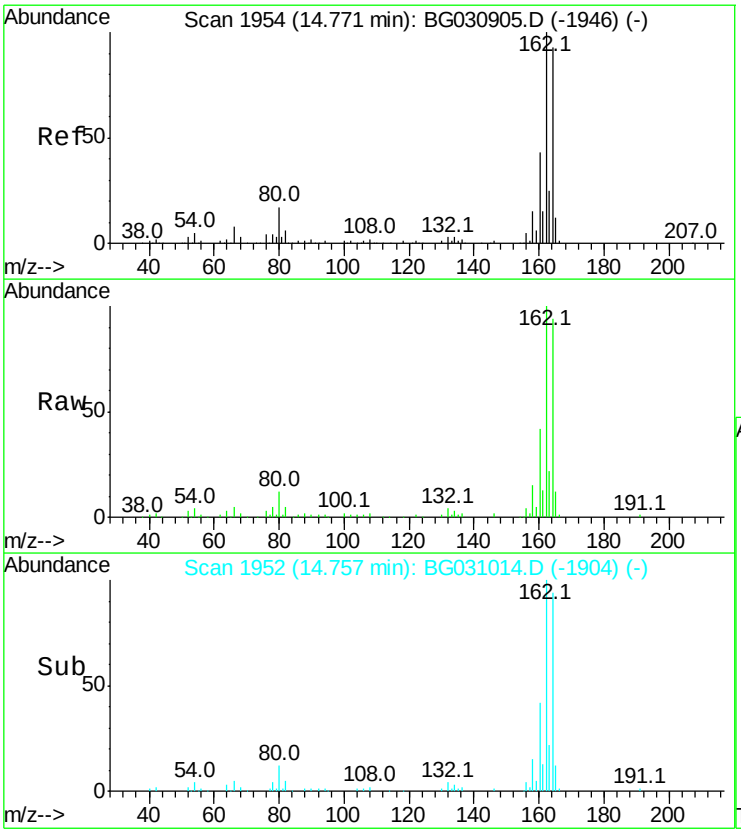
#37
2-Methylnaphthalene
Concen: 49.102 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 219145

Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.1	100.7
115	36.8	30.7	46.1

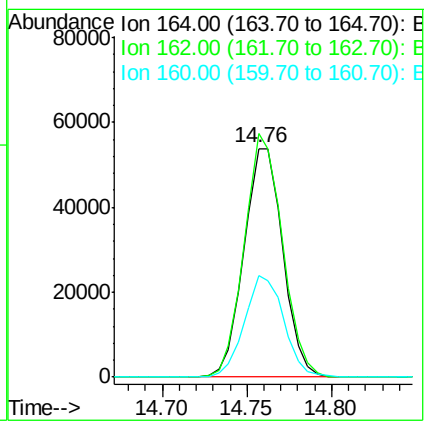


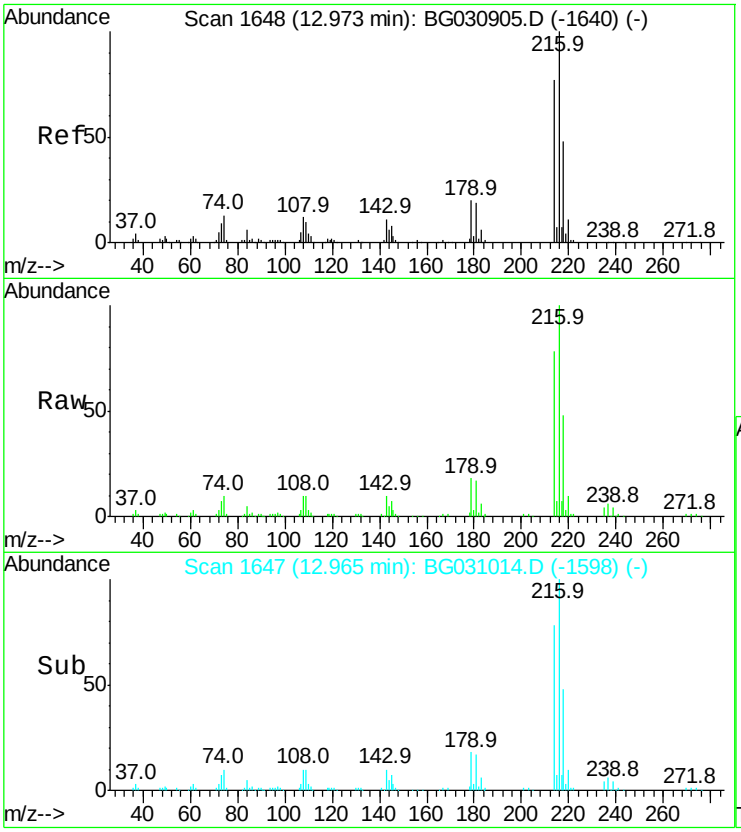


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:164 Resp: 86298

Ion	Ratio	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	44.2	35.4	53.0



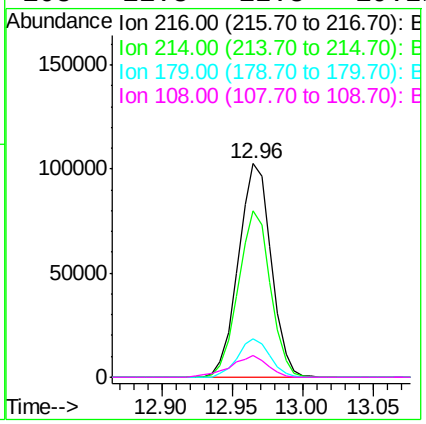


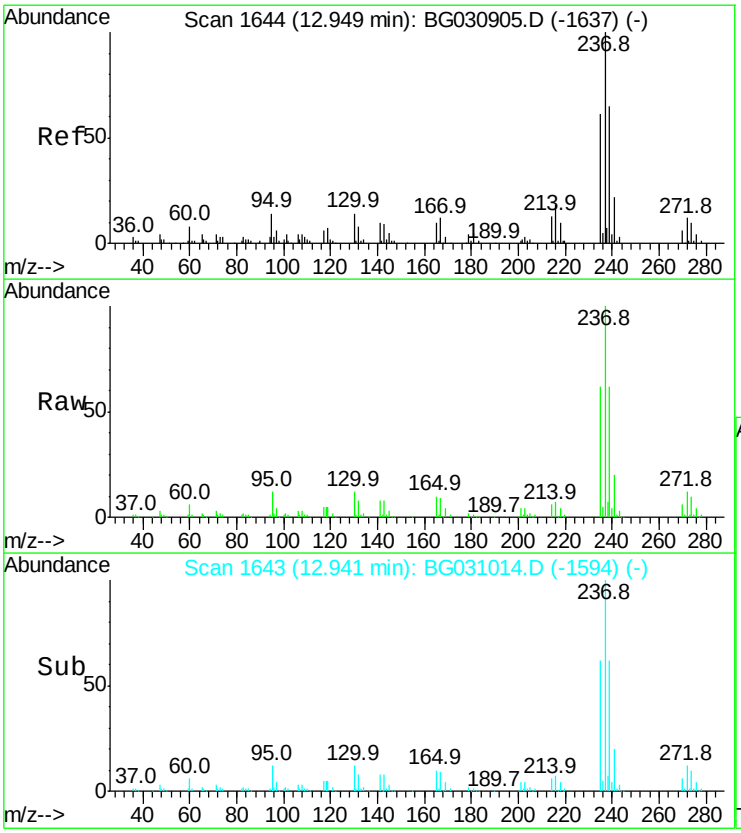
#39
1,2,4,5-Tetrachlorobenzene
Concen: 48.512 ng
RT: 12.96 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 166159

Ion	Ratio	Lower	Upper
216	100		
214	76.5	63.0	94.4
179	17.7	17.0	25.6
108	11.3	12.8	19.2#

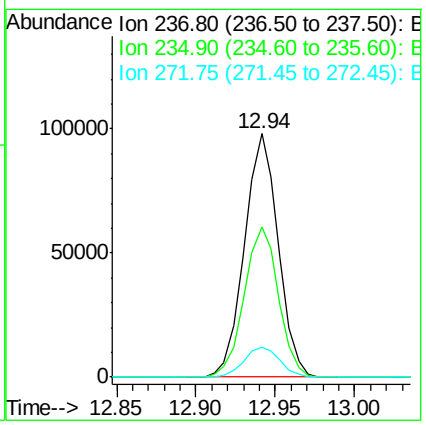


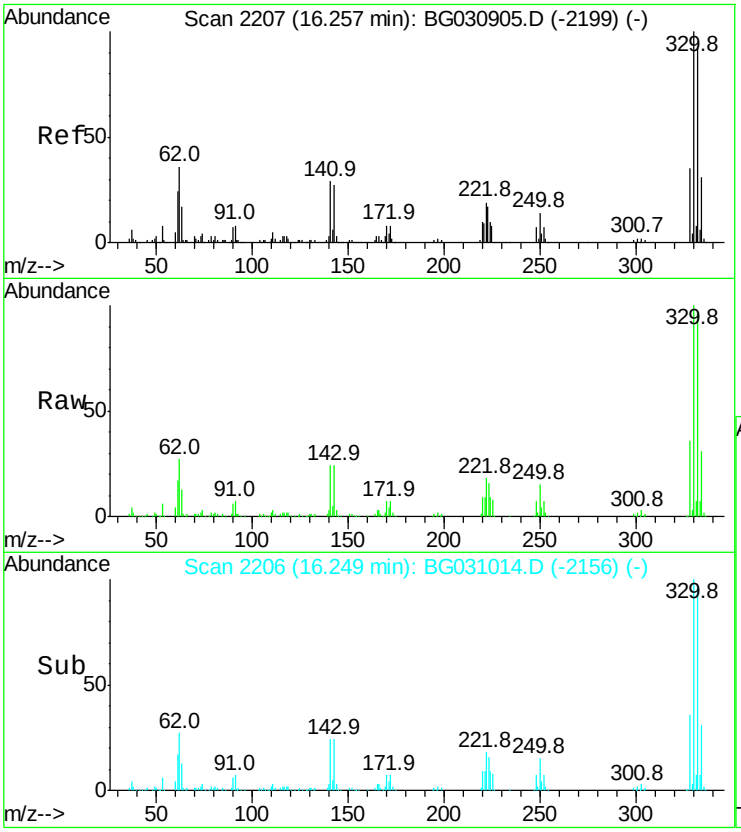


#40
Hexachlorocyclopentadiene
Concen: 109.555 ng
RT: 12.94 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:237 Resp: 144534

Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.4	90.4
272	12.2	0.0	31.8



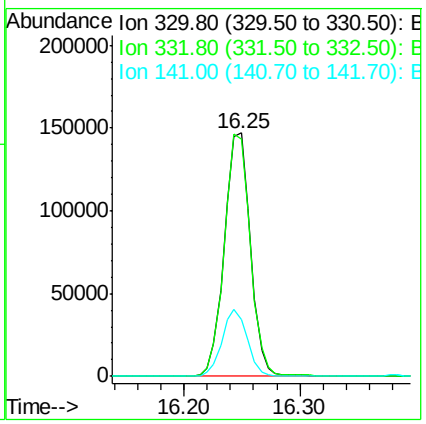


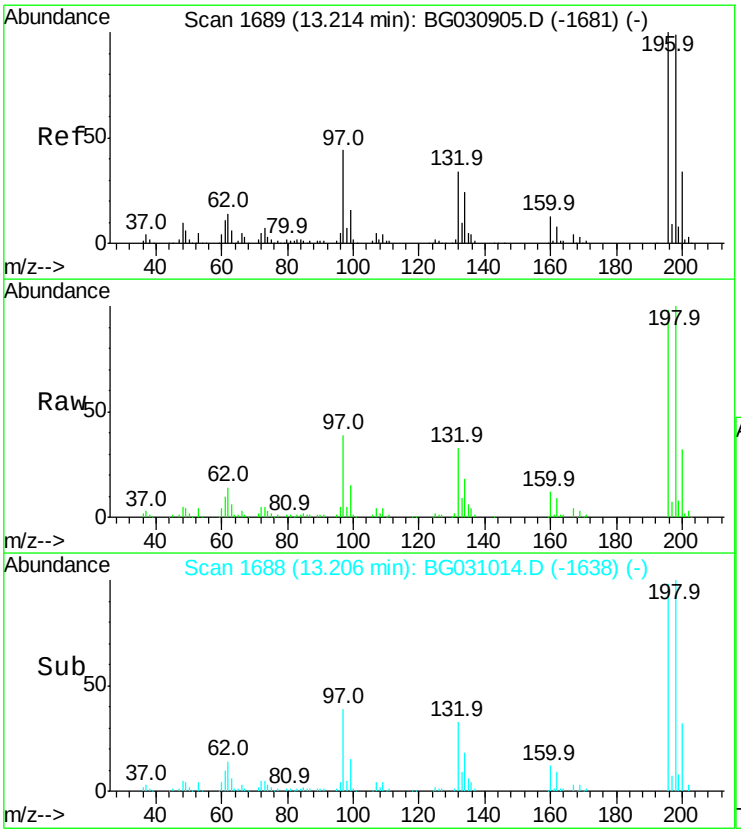
#41
2,4,6-Tribromophenol
Concen: 164.714 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 229944

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	26.6	25.2	37.8

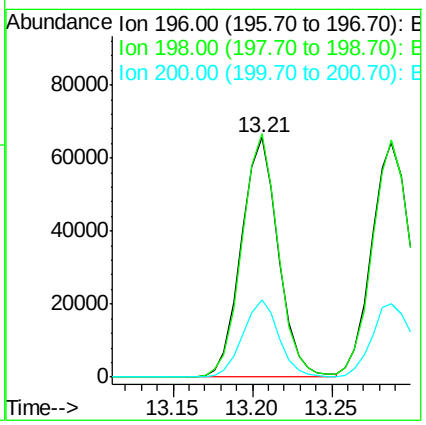


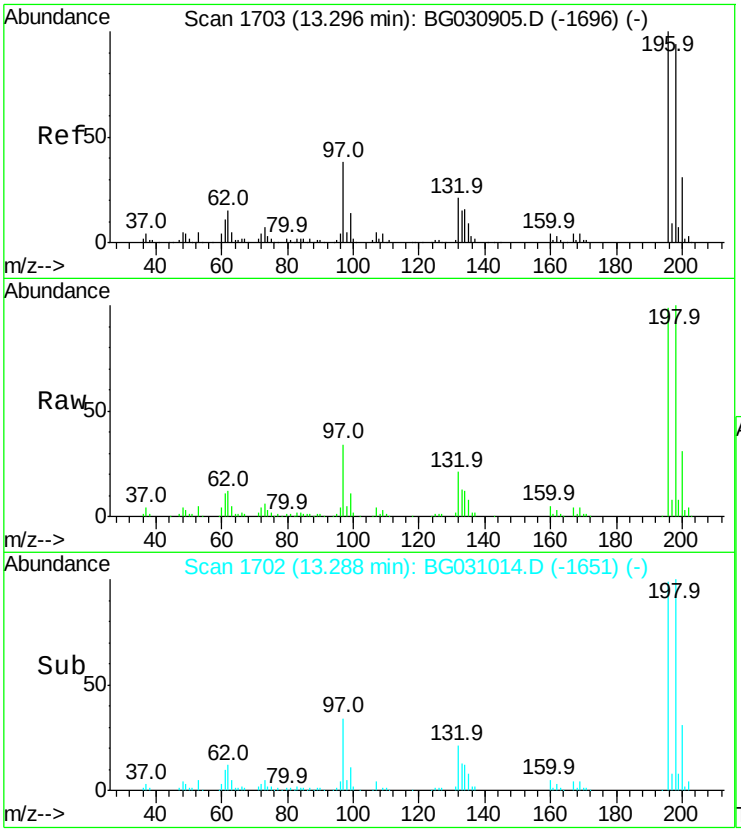


#42
2,4,6-Trichlorophenol
Concen: 54.326 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:196 Resp: 106372

Ion	Ratio	Lower	Upper
196	100		
198	101.7	78.2	117.2
200	32.1	24.6	36.8



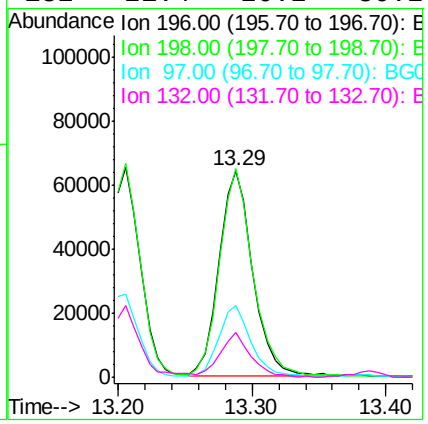


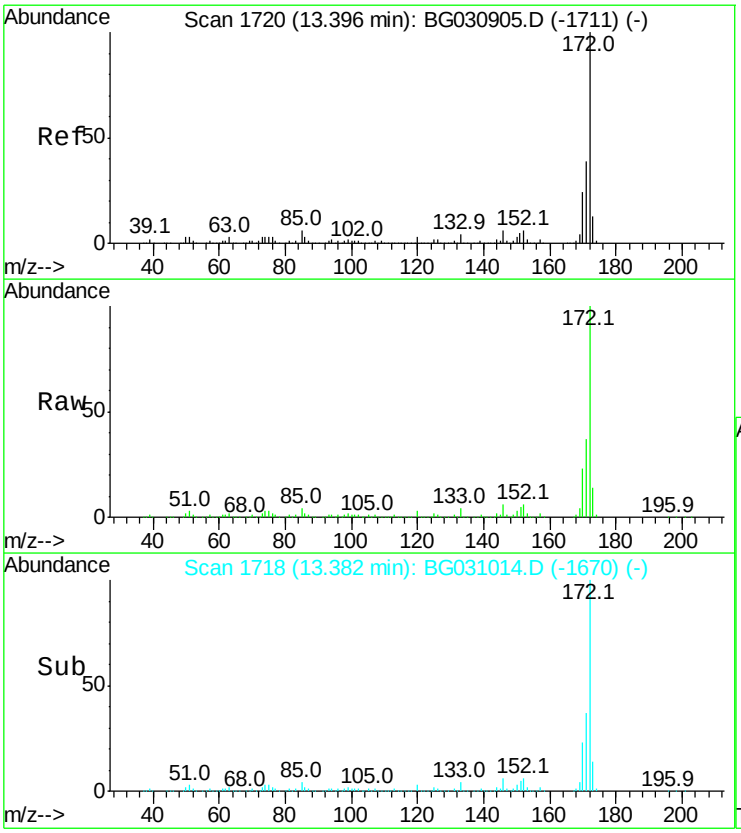
#43
2,4,5-Trichlorophenol
Concen: 52.881 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 113288

Ion	Ratio	Lower	Upper
196	100		
198	100.9	76.2	114.4
97	34.5	38.7	58.1#
132	21.4	20.2	30.2

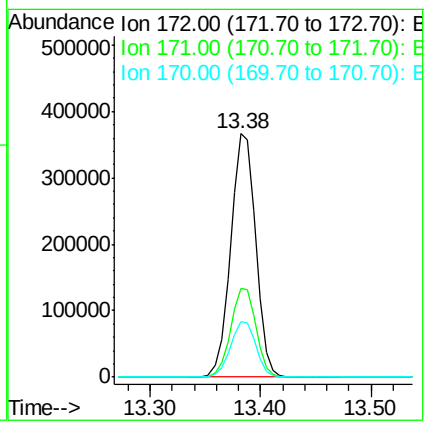


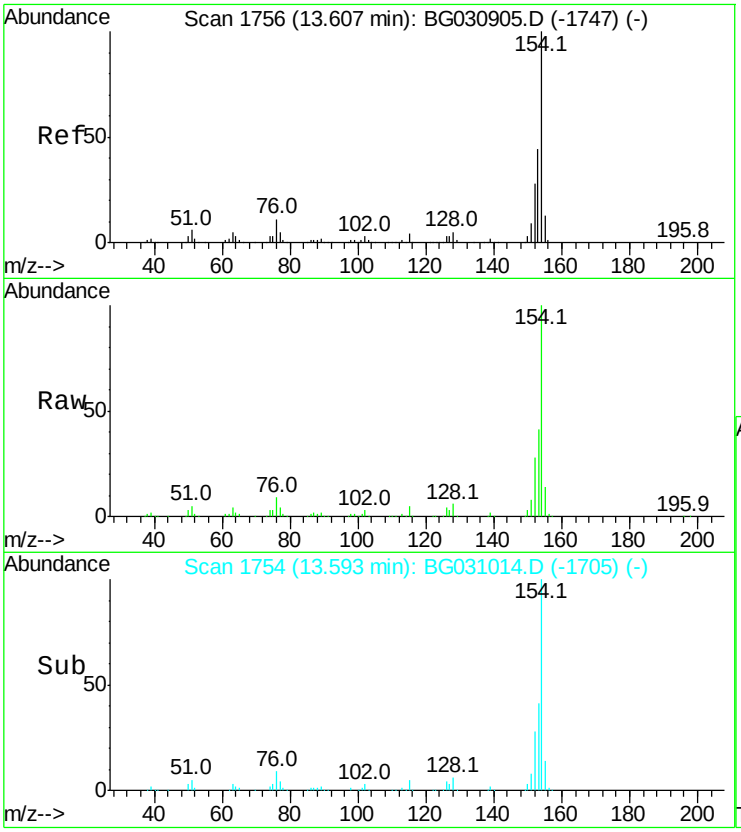


#44
2-Fluorobiphenyl
Concen: 96.808 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:172 Resp: 581418

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	22.8	19.5	29.3



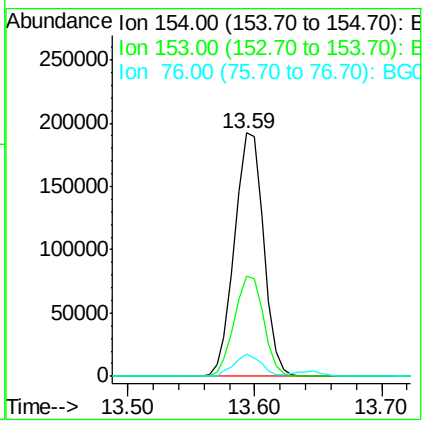


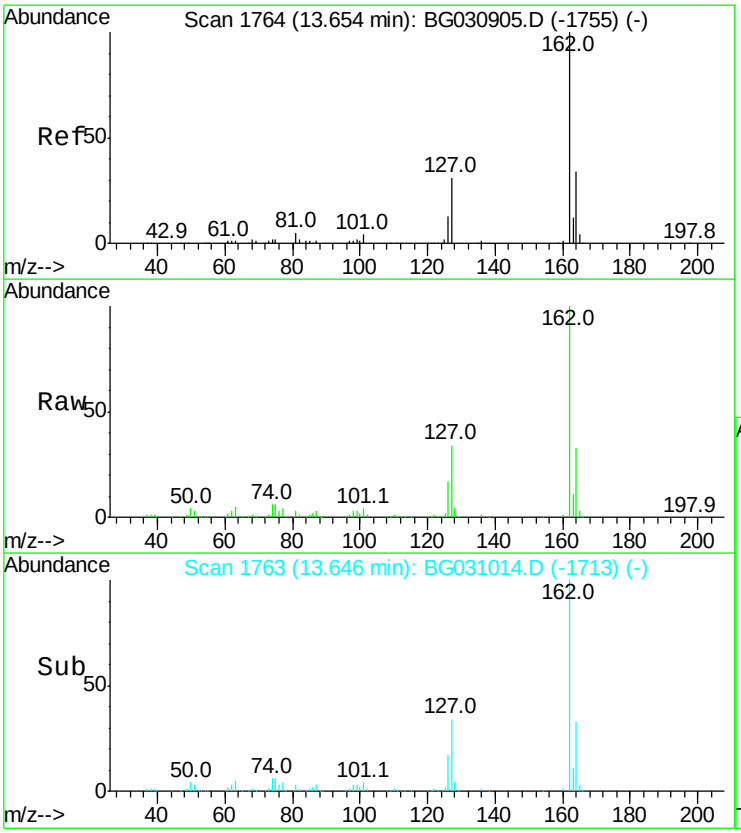
#45
1,1'-Biphenyl
Concen: 42.491 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 304070

Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	8.8	0.0	31.9

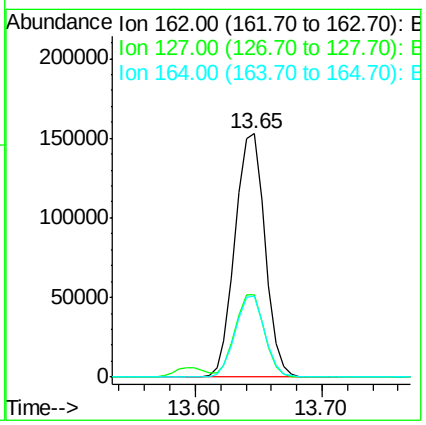


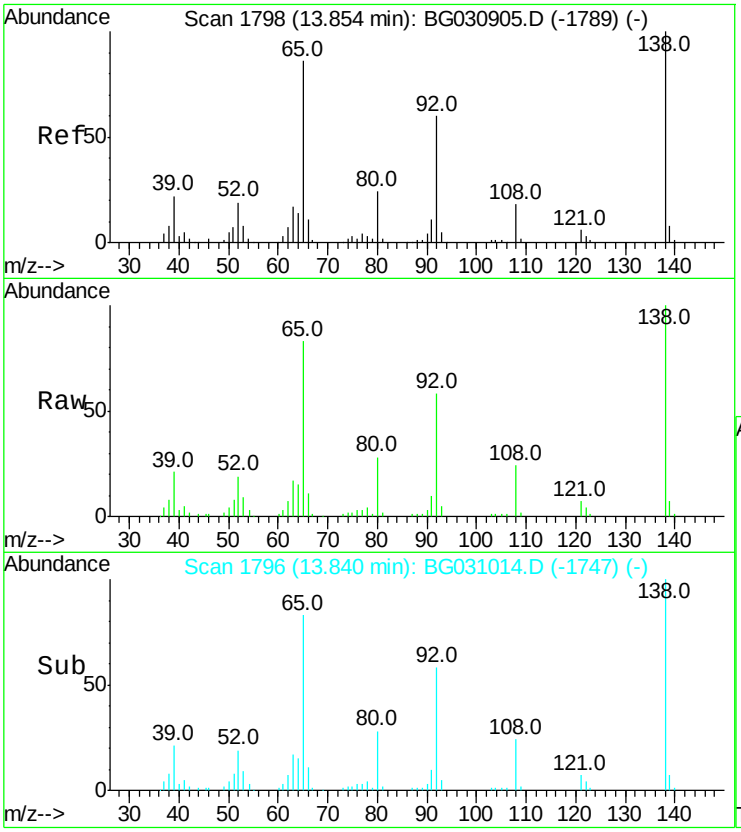


#46
2-Chloronaphthalene
Concen: 48.475 ng
RT: 13.65 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:162 Resp: 250285

Ion	Ratio	Lower	Upper
162	100		
127	33.9	30.7	46.1
164	33.3	26.0	39.0



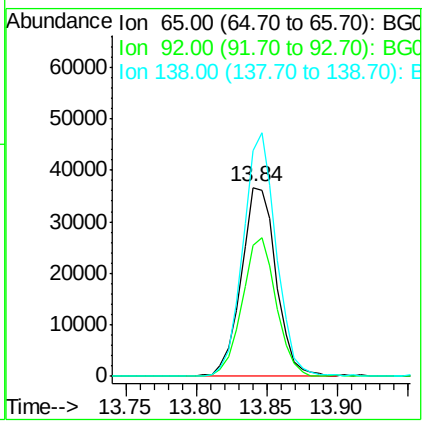


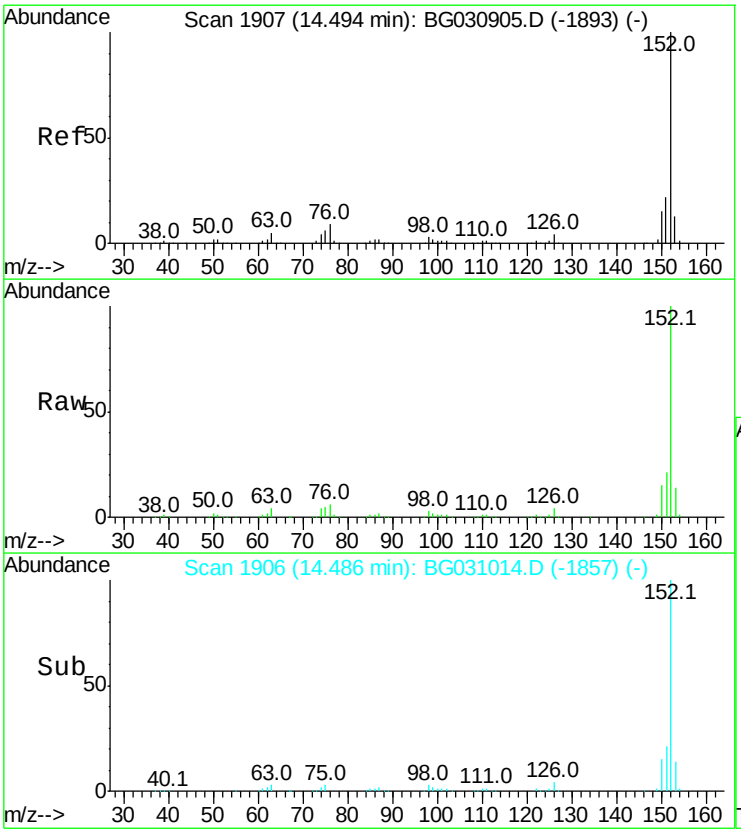
#47
2-Nitroaniline
Concen: 41.559 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 63600

Ion	Ratio	Lower	Upper
65	100		
92	69.2	54.6	82.0
138	119.8	72.9	109.3#

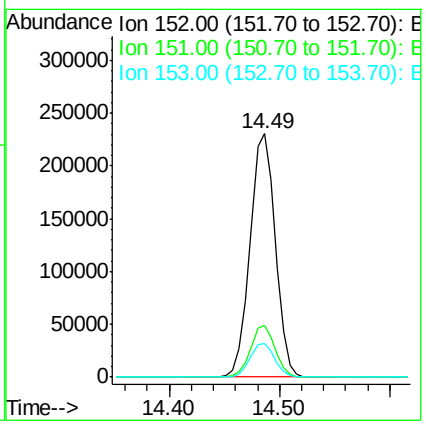


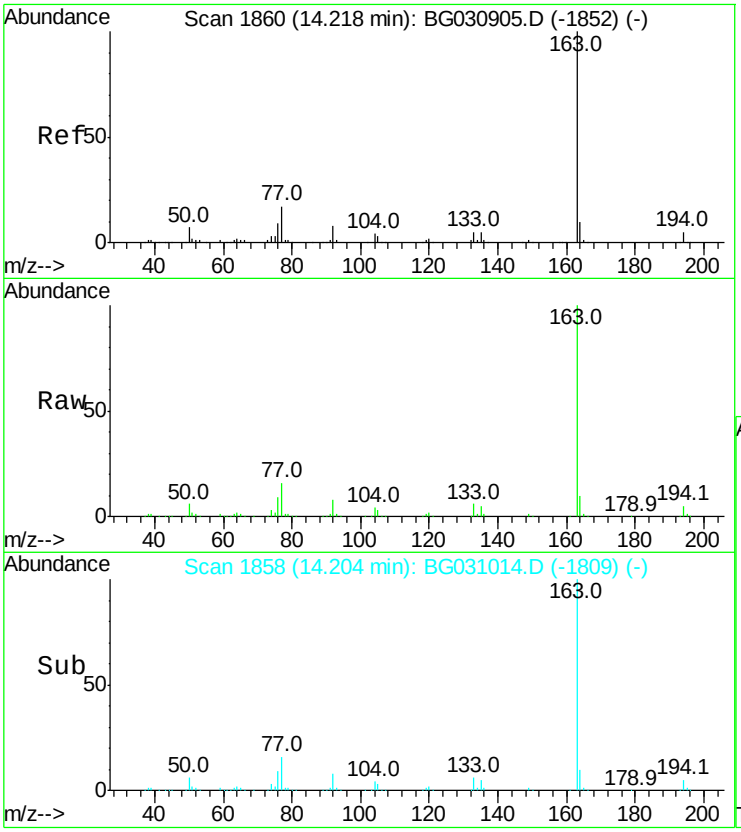


#48
Acenaphthylene
Concen: 43.981 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:152 Resp: 371671

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.7	10.2	15.4



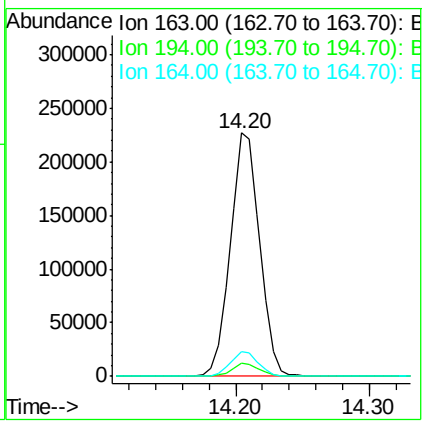


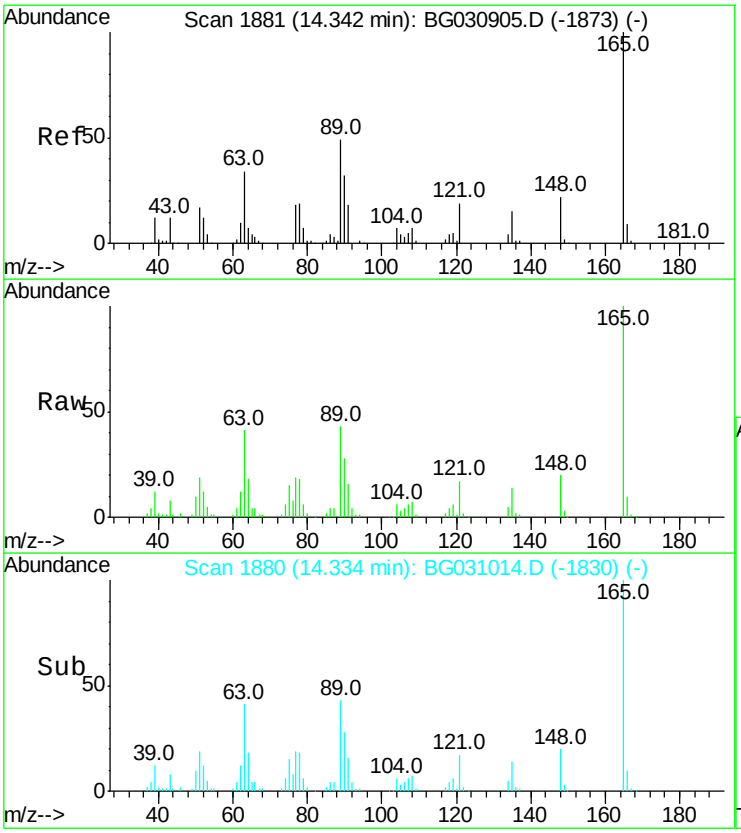
#49
Dimethylphthalate
Concen: 46.252 ng
RT: 14.20 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 345116

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	10.3	8.2	12.4

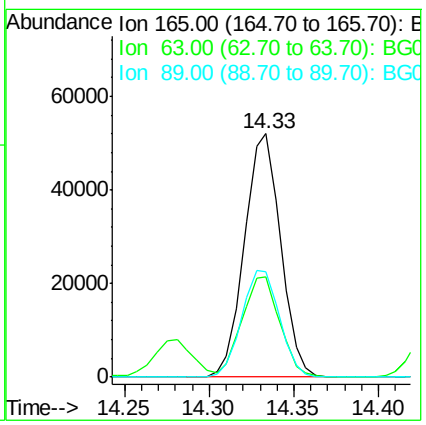


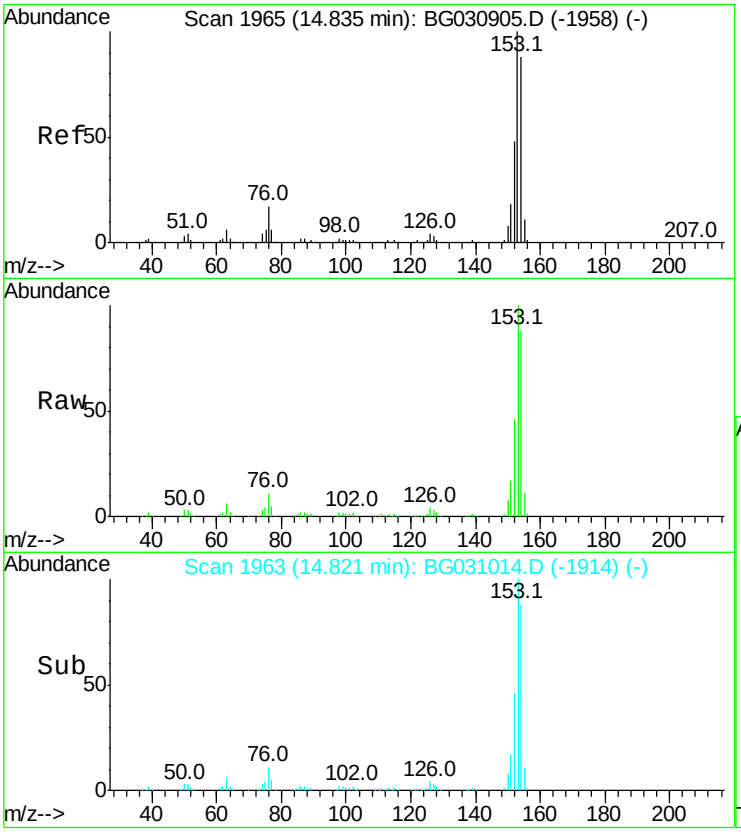


#50
2,6-Dinitrotoluene
Concen: 50.377 ng
RT: 14.33 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:165 Resp: 77477

Ion	Ratio	Lower	Upper
165	100		
63	41.3	52.7	79.1#
89	43.2	49.2	73.8#



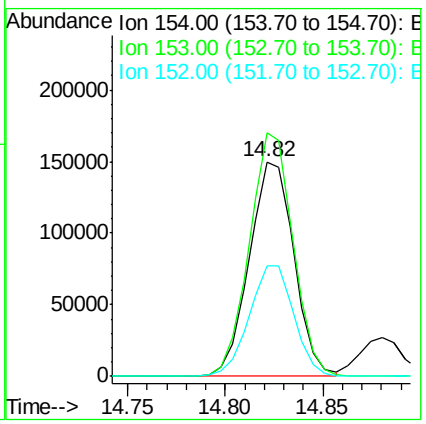


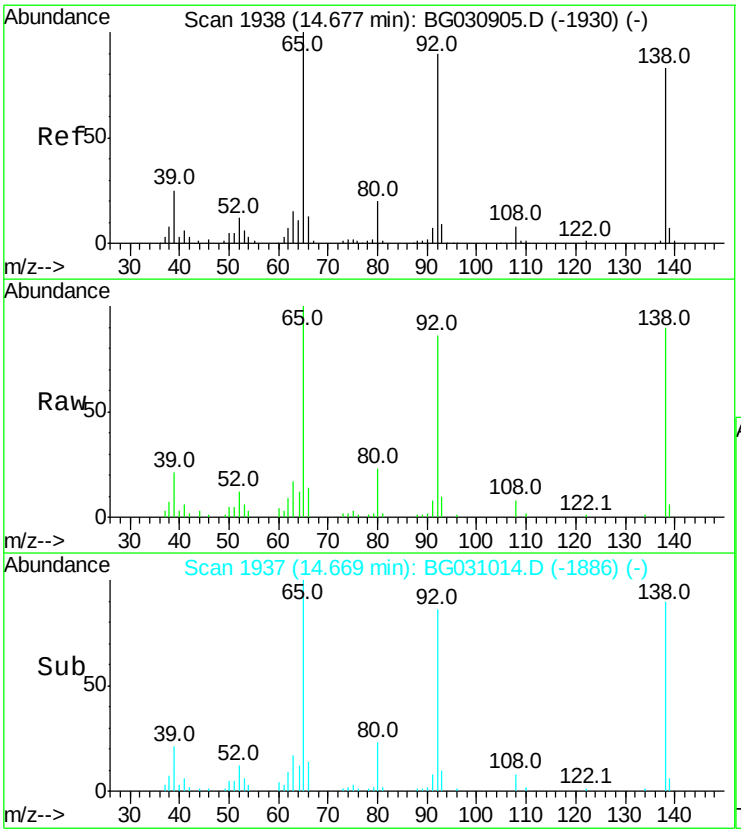
#51
Acenaphthene
Concen: 44.980 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 237392

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.4	135.6
152	51.9	41.6	62.4

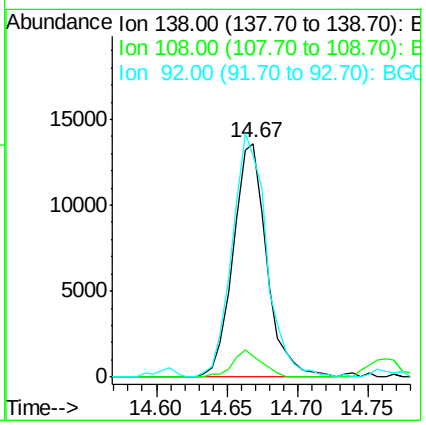


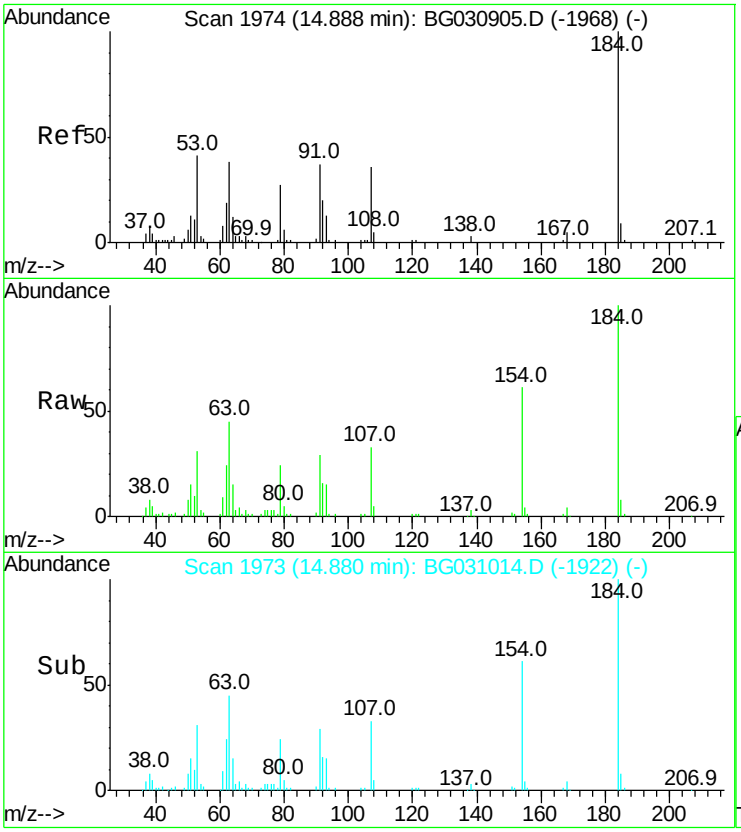


#52
3-Nitroaniline
Concen: 13.766 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:138 Resp: 22481

Ion	Ratio	Lower	Upper
138	100		
108	9.2	17.5	26.3#
92	95.0	105.8	158.8#



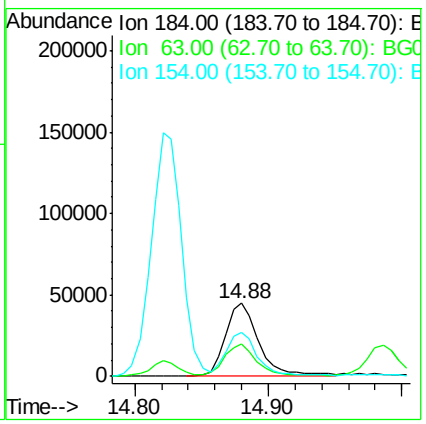


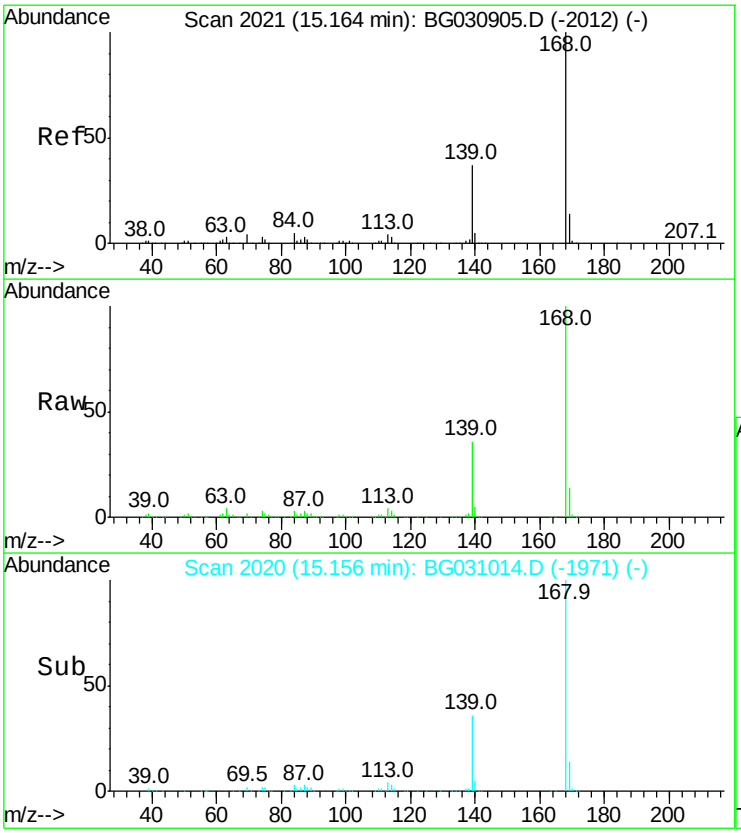
#53
2,4-Dinitrophenol
Concen: 92.429 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 79037

Ion	Ratio	Lower	Upper
184	100		
63	44.7	59.8	89.8#
154	60.6	101.8	152.8#

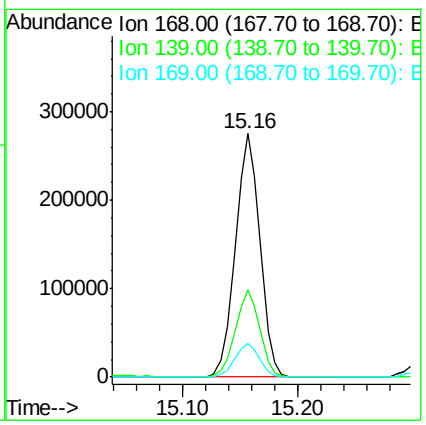


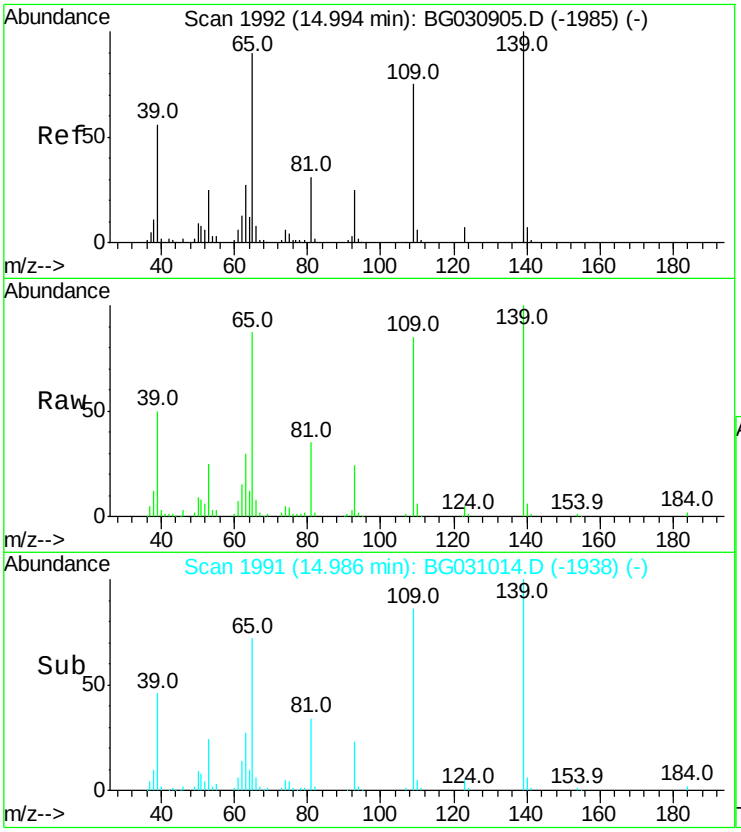


#54
Dibenzofuran
Concen: 47.840 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:168 Resp: 402164

Ion	Ratio	Lower	Upper
168	100		
139	36.1	28.6	43.0
169	13.7	11.2	16.8



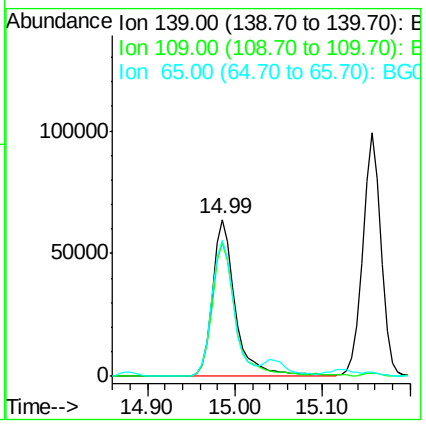


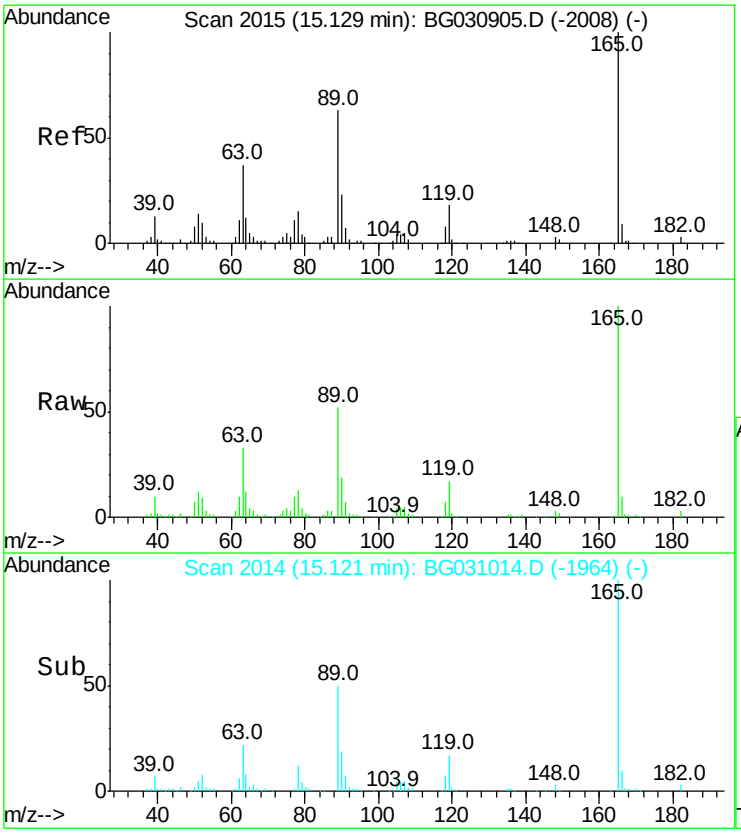
#55
4-Nitrophenol
Concen: 99.969 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 116291

Ion	Ratio	Lower	Upper
139	100		
109	85.3	62.2	102.2
65	86.8	97.2	137.2#

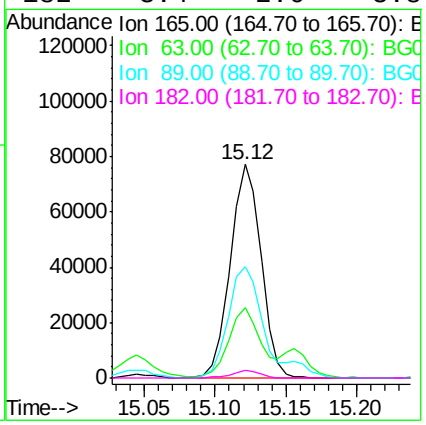


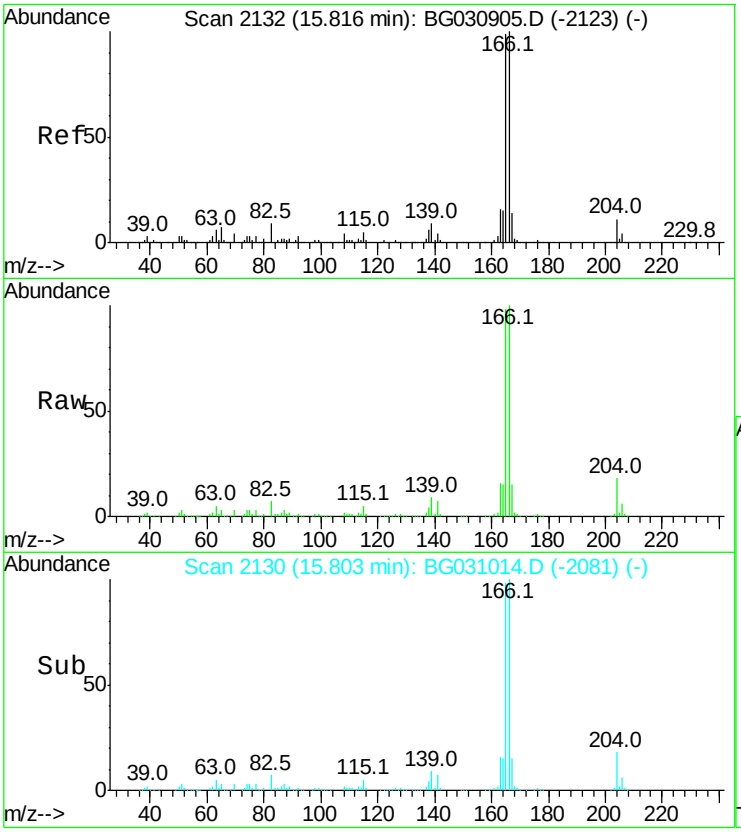


#56
2,4-Dinitrotoluene
Concen: 52.566 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:165 Resp: 116875

Ion	Ratio	Lower	Upper
165	100		
63	33.1	42.0	63.0#
89	52.0	66.9	100.3#
182	3.4	2.6	3.8



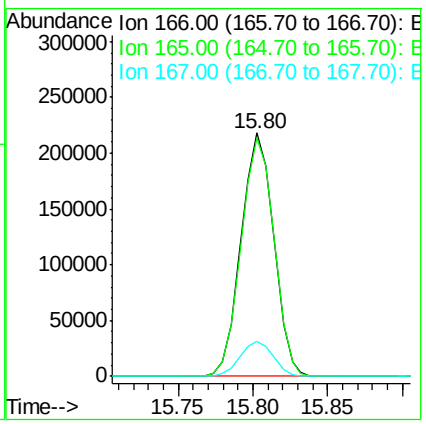


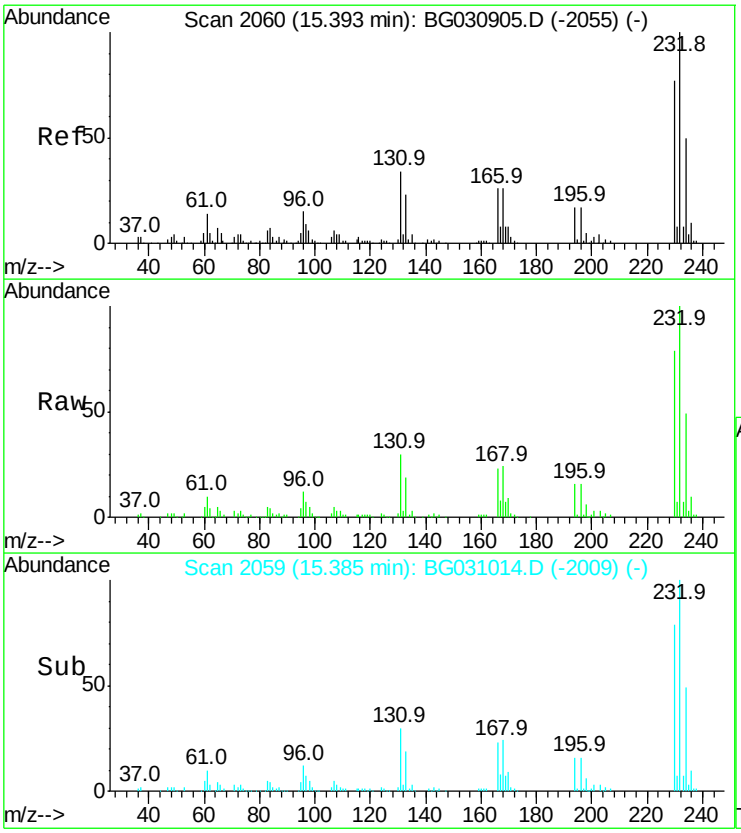
#57
Fluorene
Concen: 48.179 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 328818

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.6	121.0
167	14.6	10.4	15.6

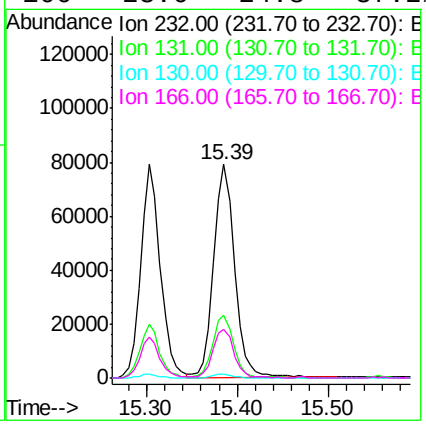


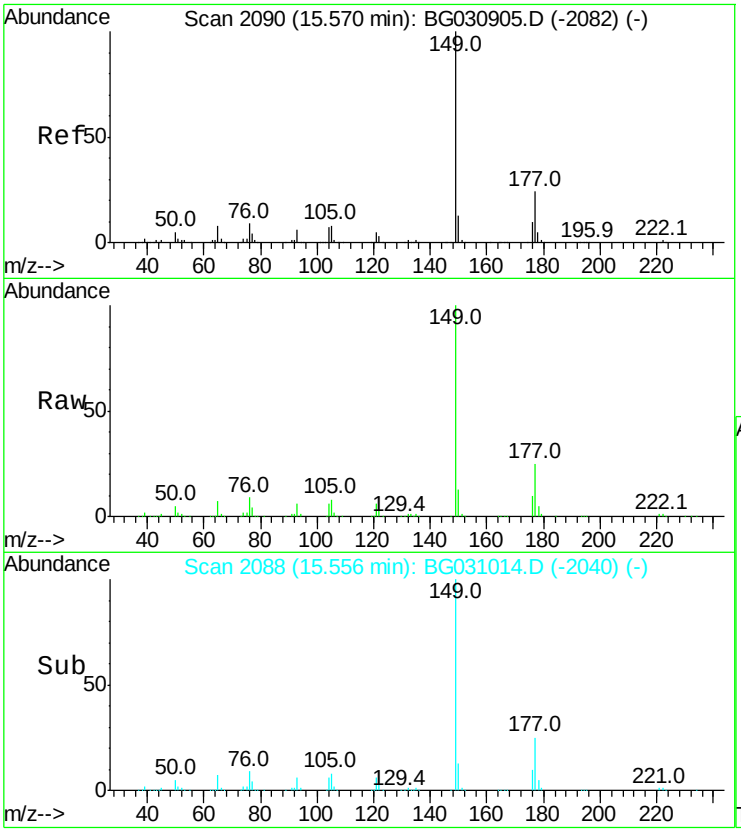


#58
2,3,4,6-Tetrachlorophenol
Concen: 62.221 ng
RT: 15.39 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:232 Resp: 127043

Ion	Ratio	Lower	Upper
232	100		
131	29.0	33.5	50.3#
130	1.8	2.2	3.2#
166	23.6	24.8	37.2#



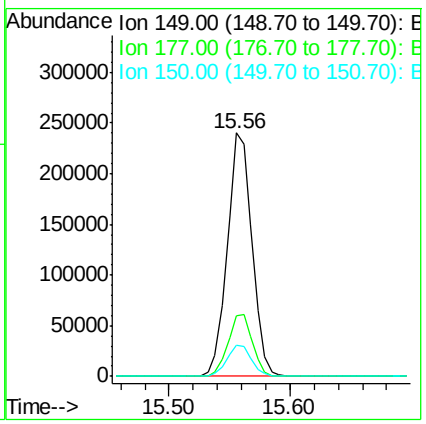


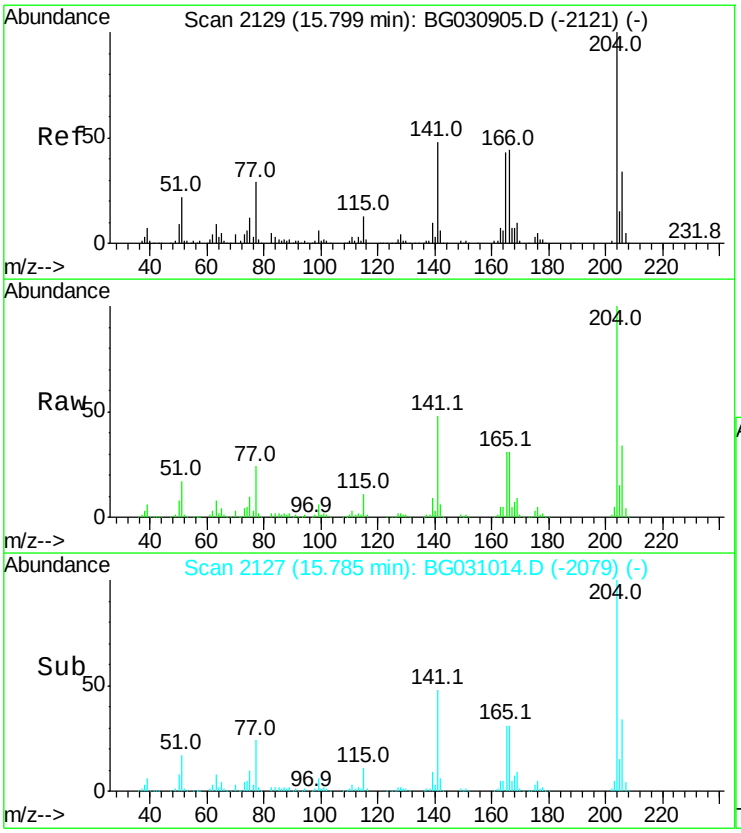
#59
Diethylphthalate
Concen: 44.907 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 340371

Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	12.5	10.2	15.2

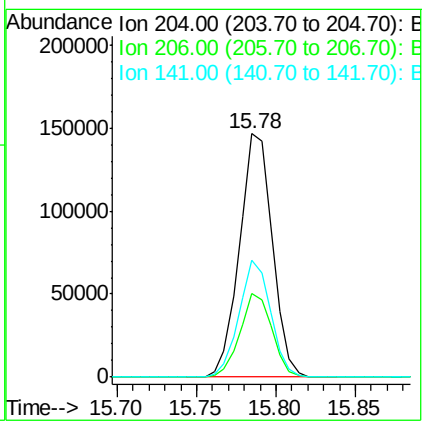


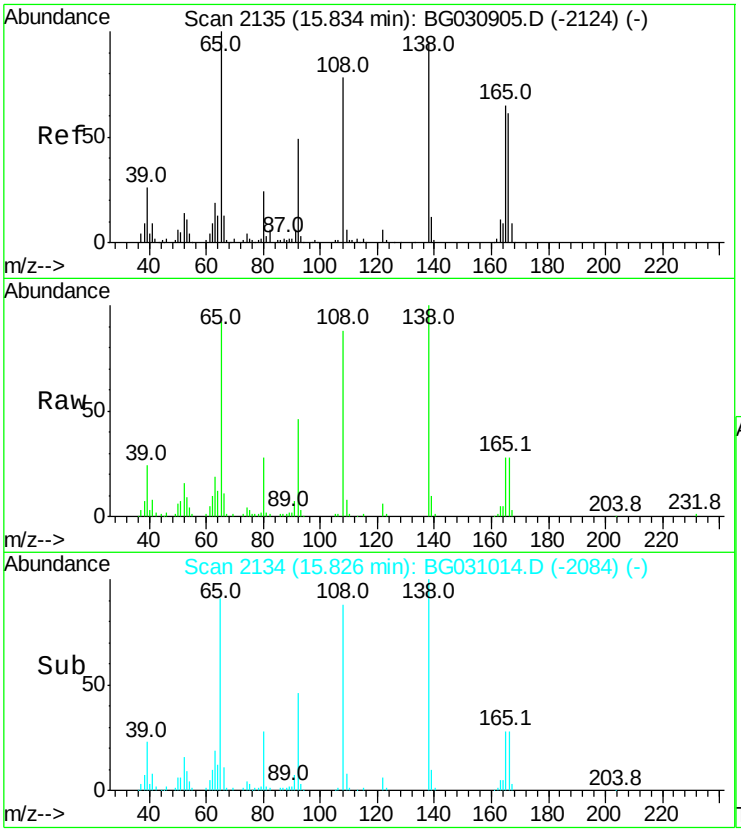


#60
4-Chlorophenyl-phenylether
Concen: 51.149 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:204 Resp: 210829

Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	47.9	45.8	68.6



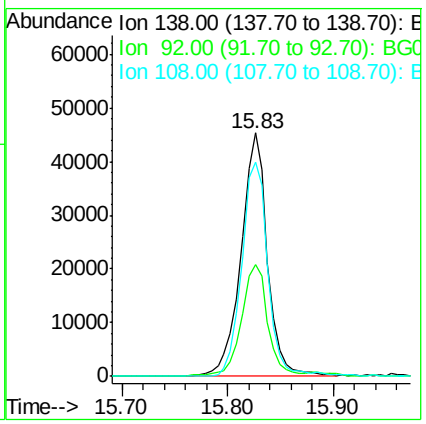


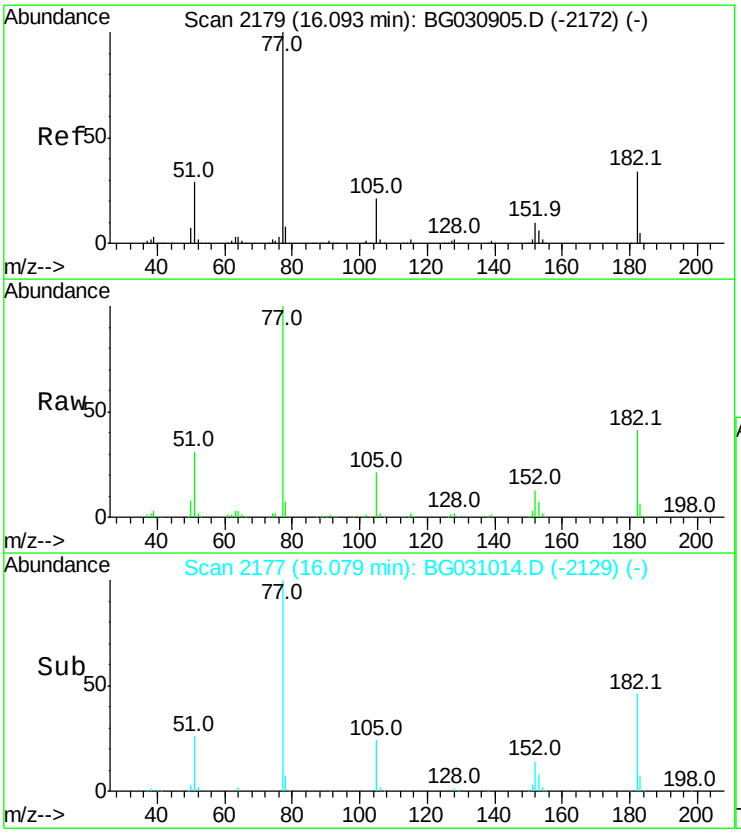
#61
4-Nitroaniline
Concen: 45.517 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 78709

Ion	Ratio	Lower	Upper
138	100		
92	45.8	40.1	80.1
108	88.1	65.4	105.4

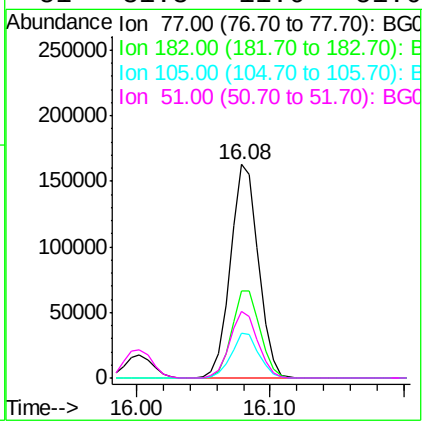


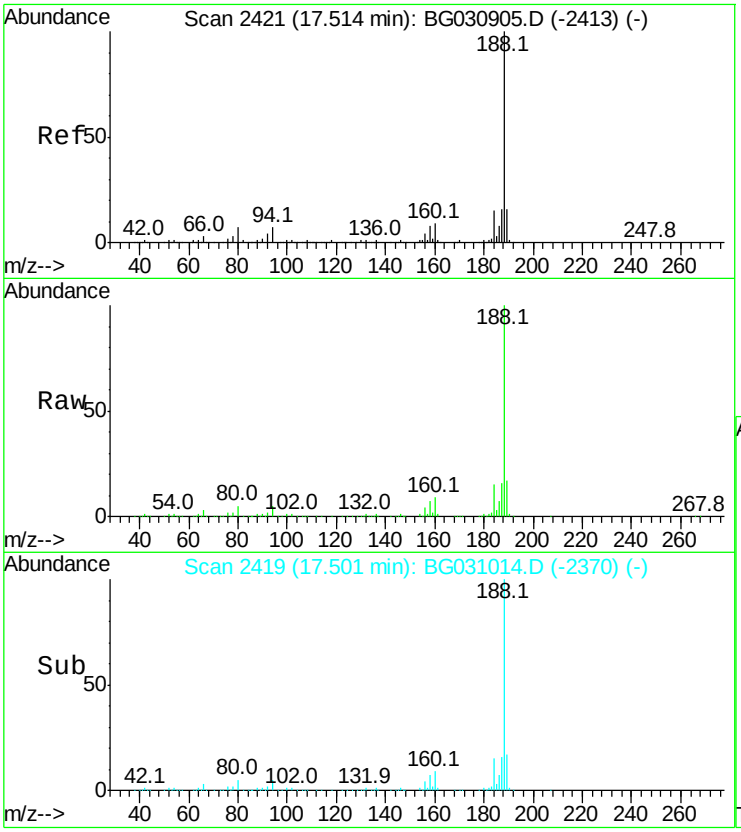


#62
Azobenzene
Concen: 41.070 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion: 77 Resp: 237401

Ion	Ratio	Lower	Upper
77	100		
182	40.8	7.4	47.4
105	21.1	0.3	40.3
51	31.3	11.6	51.6



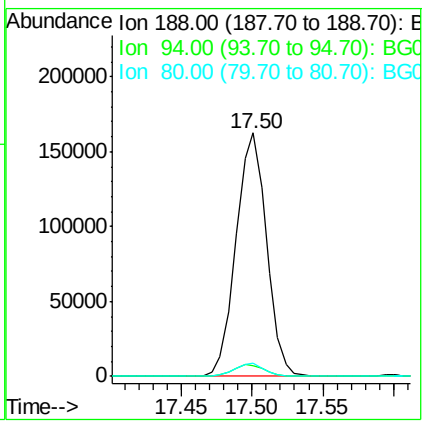


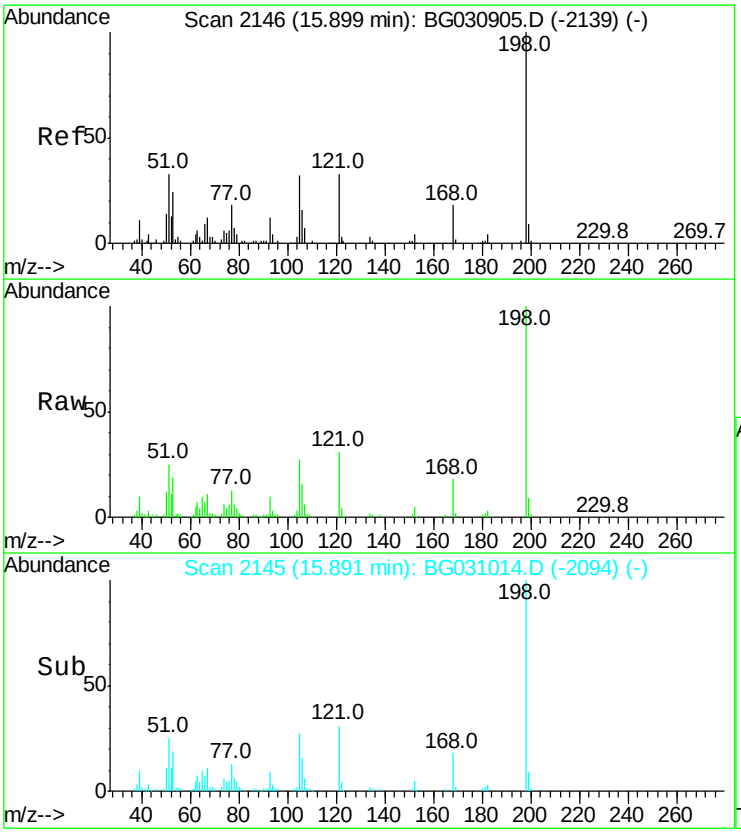
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 244384

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	5.4	7.7	11.5#

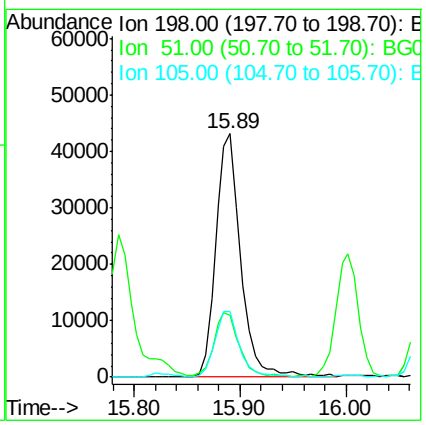


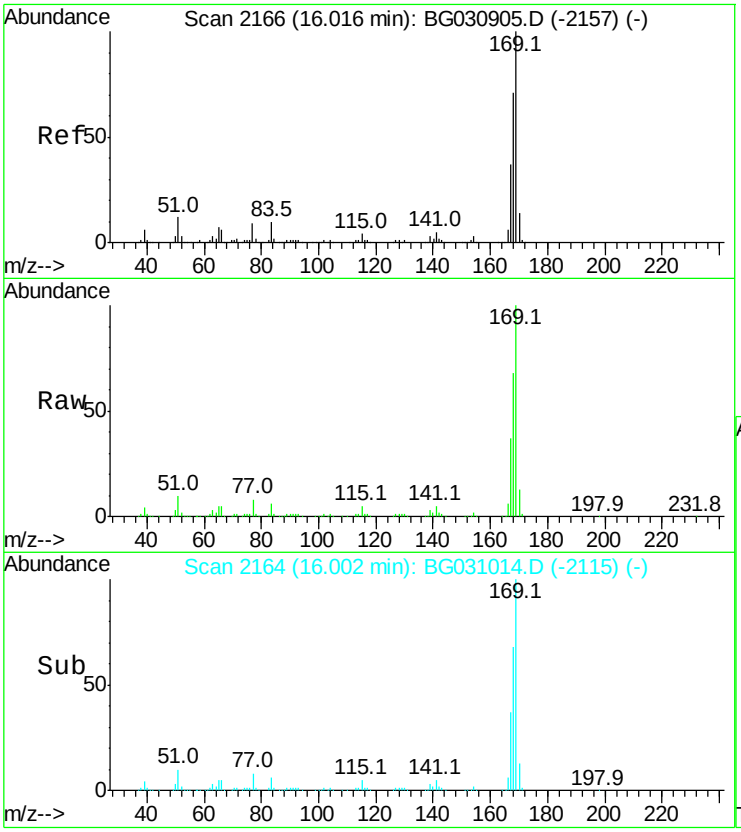


#64
4,6-Dinitro-2-methylphenol
Concen: 43.710 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:198 Resp: 71002

Ion	Ratio	Lower	Upper
198	100		
51	25.4	30.6	70.6#
105	27.1	23.8	63.8



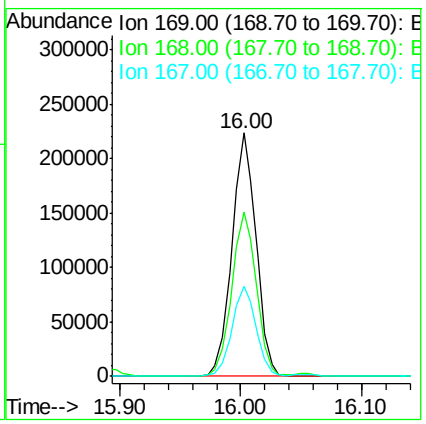


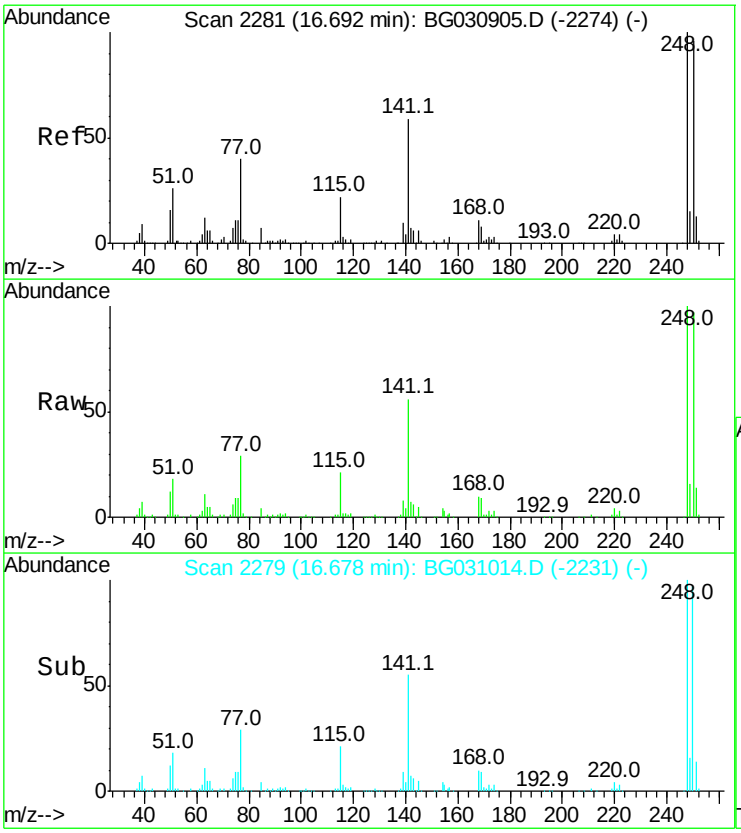
#65
n-Nitrosodiphenylamine
Concen: 42.041 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 311332

Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.7	83.5
167	36.9	30.1	45.1

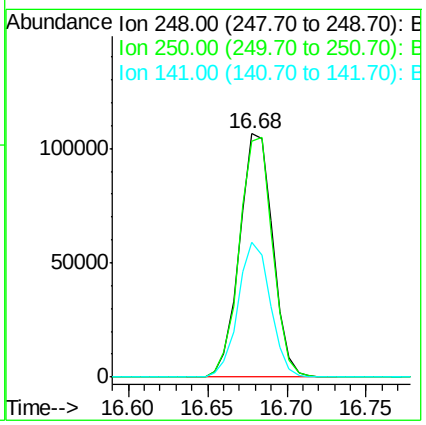


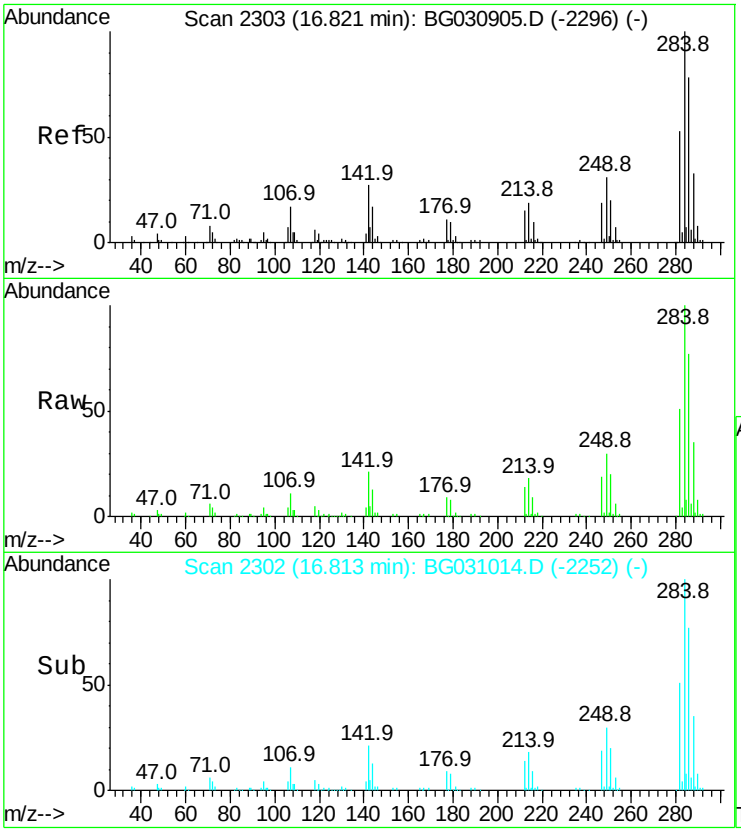


#66
4-Bromophenyl-phenylether
Concen: 49.839 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:248 Resp: 154264

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	55.5	50.8	76.2



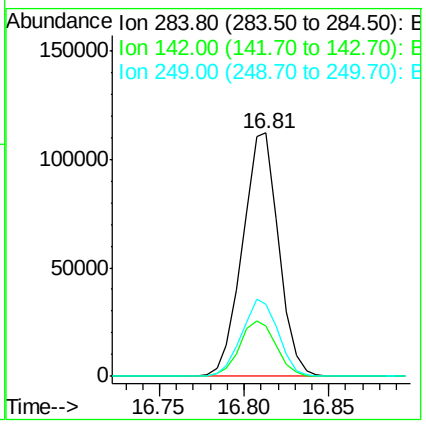


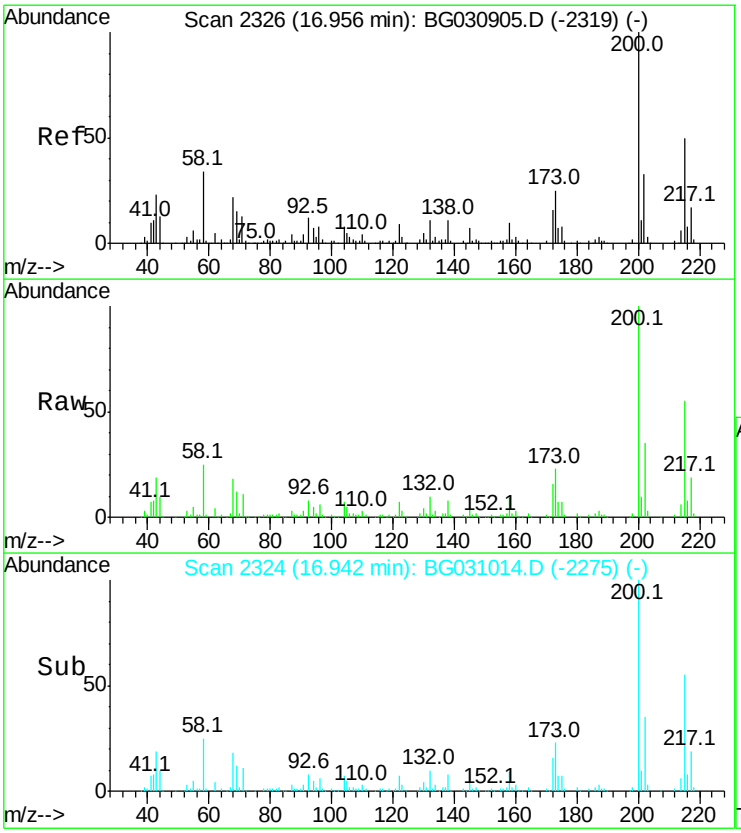
#67
Hexachlorobenzene
Concen: 50.648 ng
RT: 16.81 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 166571

Ion	Ratio	Lower	Upper
284	100		
142	20.5	26.8	40.2#
249	29.8	26.3	39.5

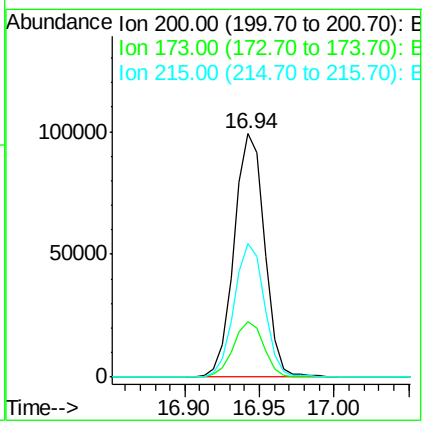


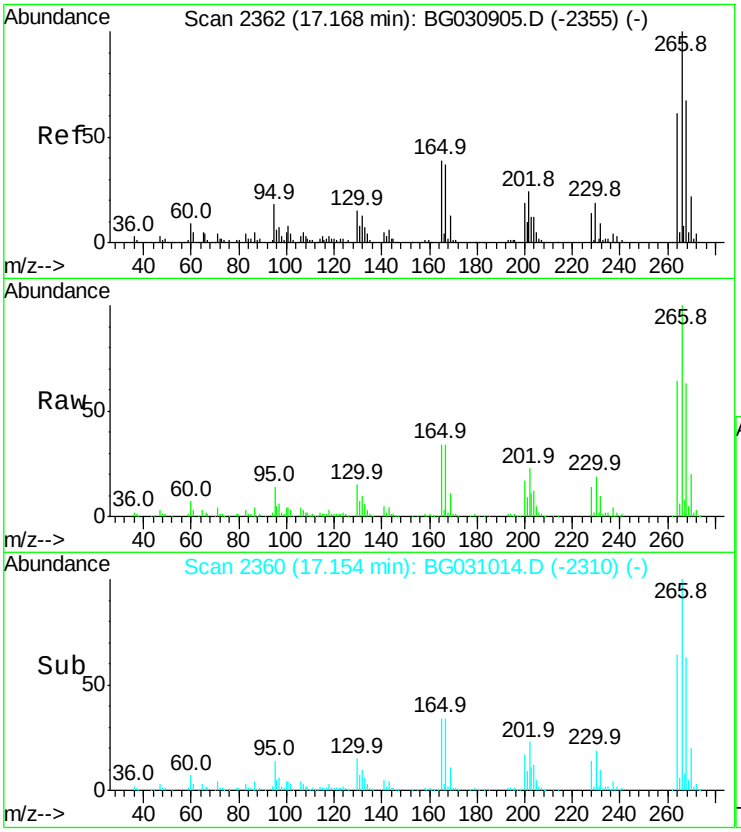


#68
Atrazine
Concen: 45.992 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:200 Resp: 140526

Ion	Ratio	Lower	Upper
200	100		
173	22.6	5.2	45.2
215	54.9	30.4	70.4



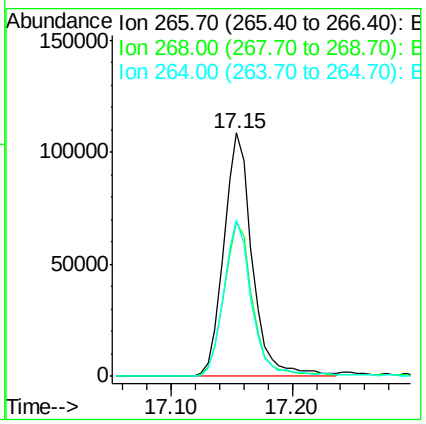


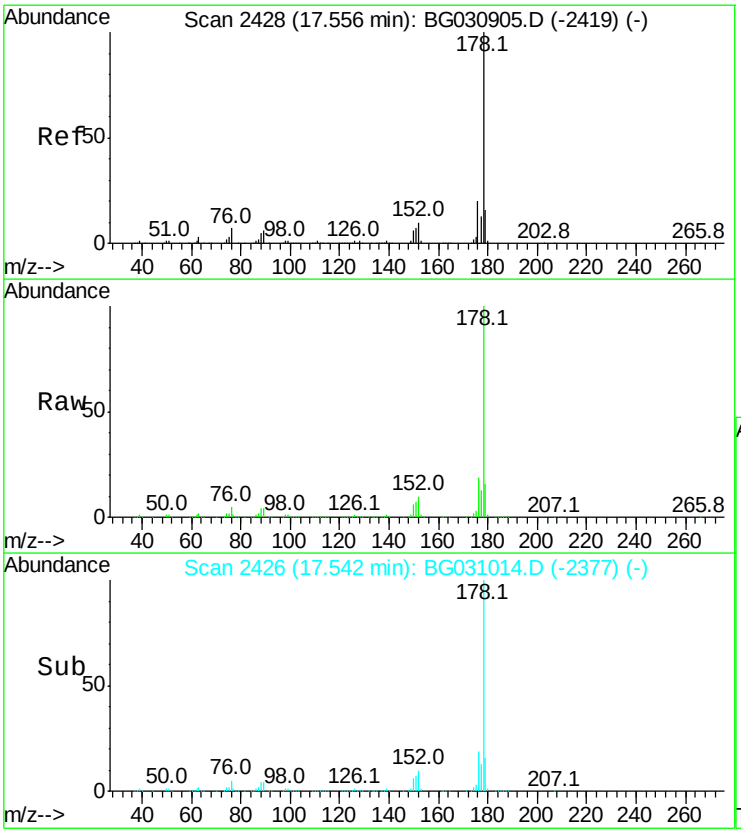
#69
Pentachlorophenol
Concen: 97.674 ng
RT: 17.15 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 177569

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	64.3	49.6	74.4

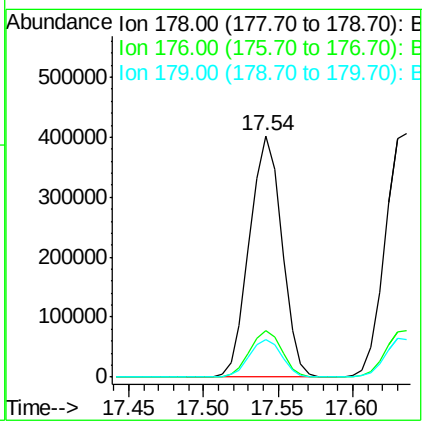


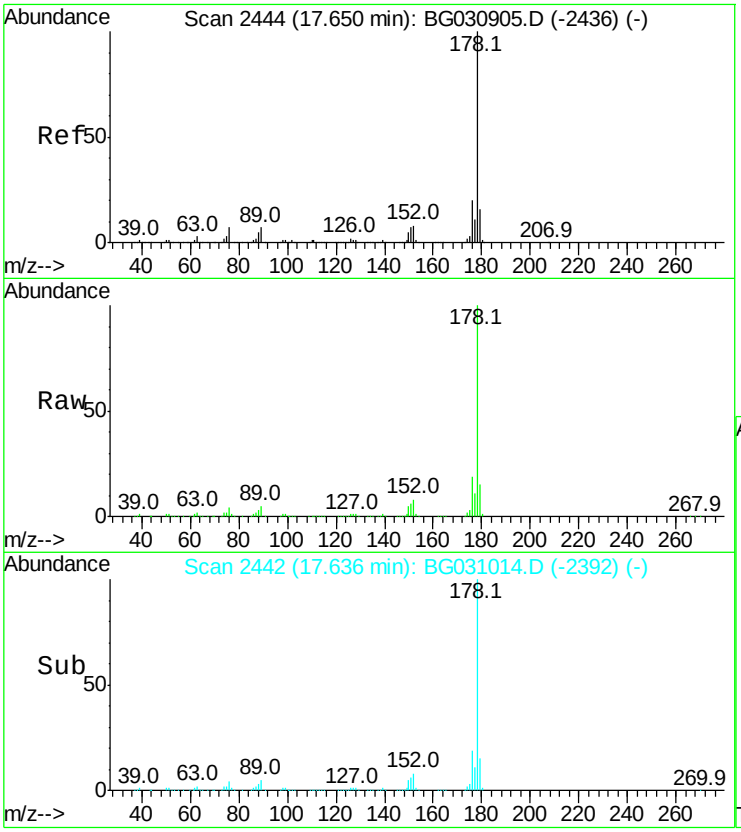


#70
Phenanthrene
Concen: 47.435 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:178 Resp: 603574

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.7	12.5	18.7



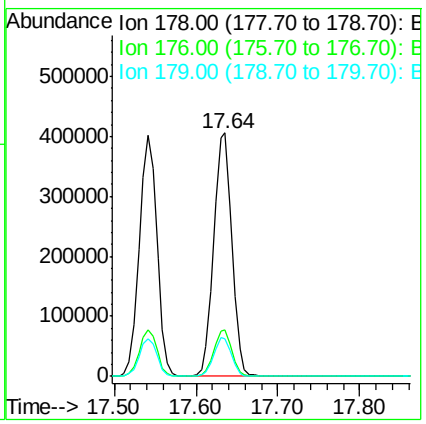


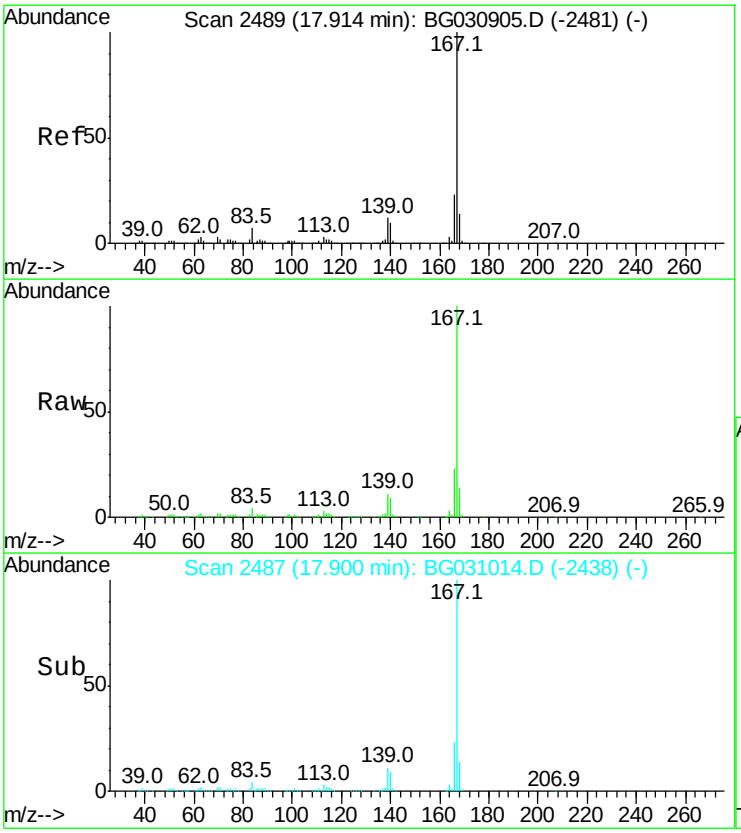
#71
Anthracene
Concen: 49.443 ng
RT: 17.64 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 630385

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.3	12.5	18.7

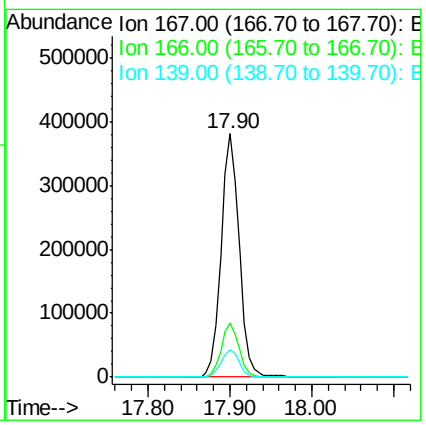


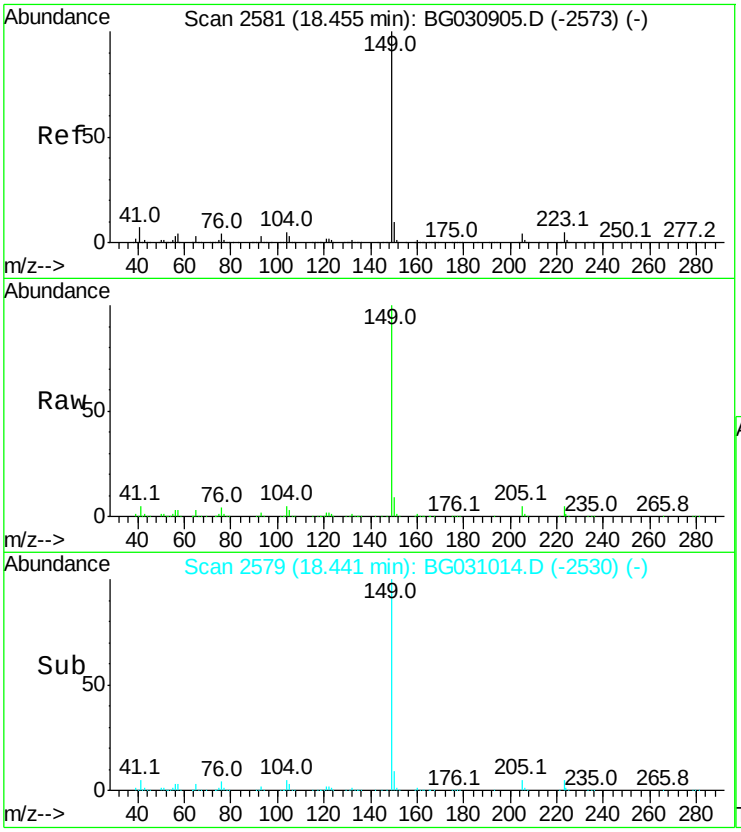


#72
Carbazole
Concen: 48.828 ng
RT: 17.90 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:167 Resp: 583320

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	11.5	9.4	14.2



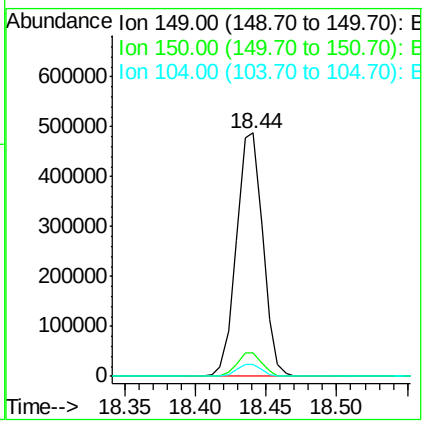


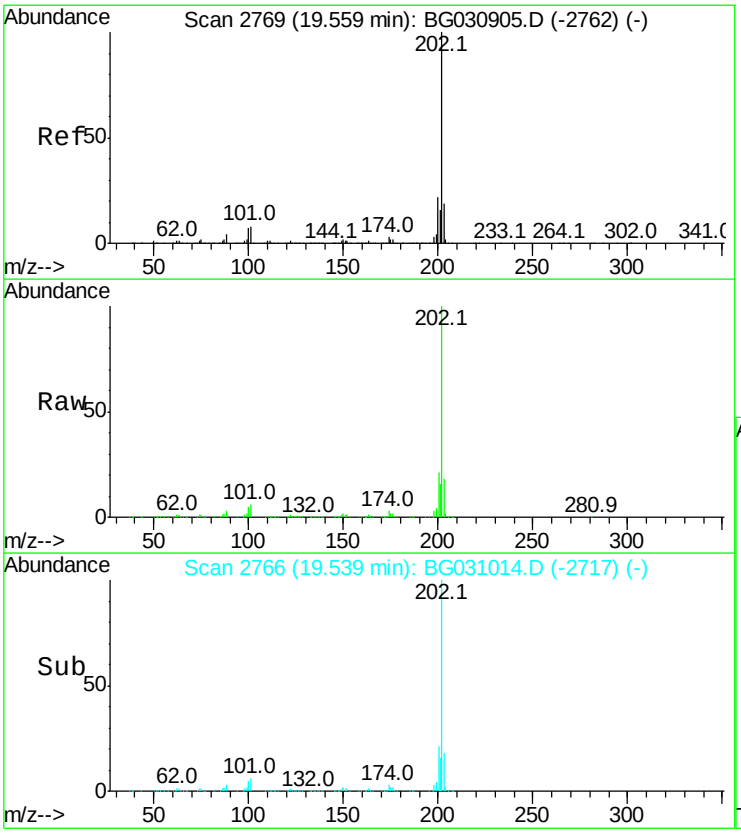
#73
Di-n-butylphthalate
Concen: 43.251 ng
RT: 18.44 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 634416

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.9	3.9	5.9

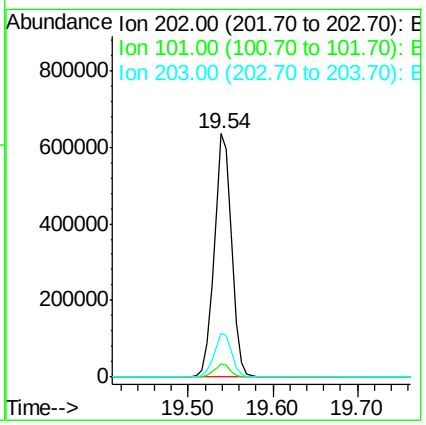


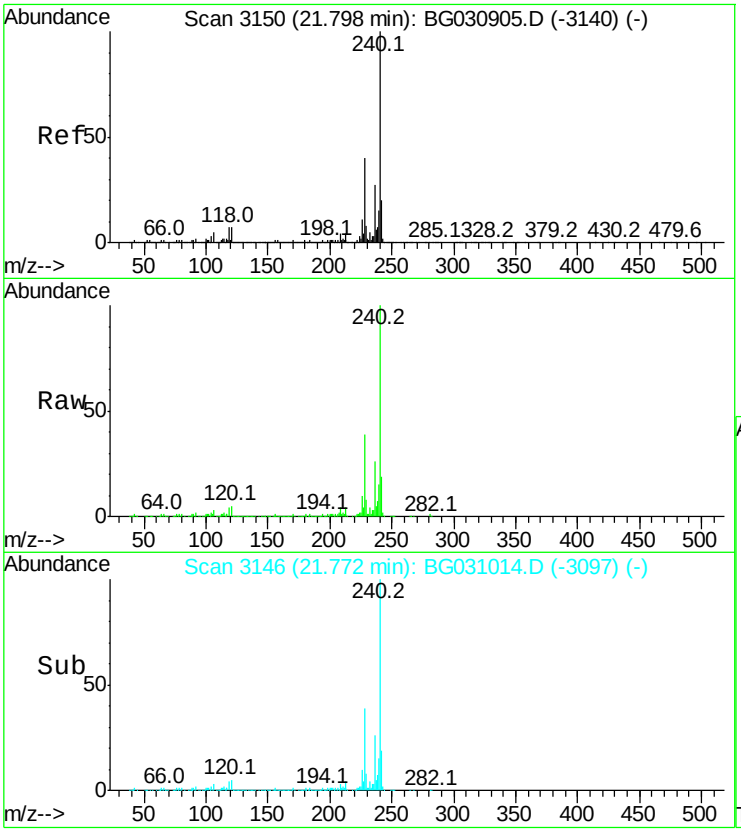


#74
Fluoranthene
Concen: 57.034 ng
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:202 Resp: 918868

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	28.9
203	18.0	0.0	37.5



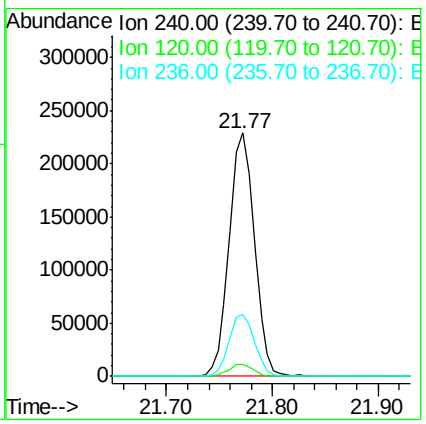


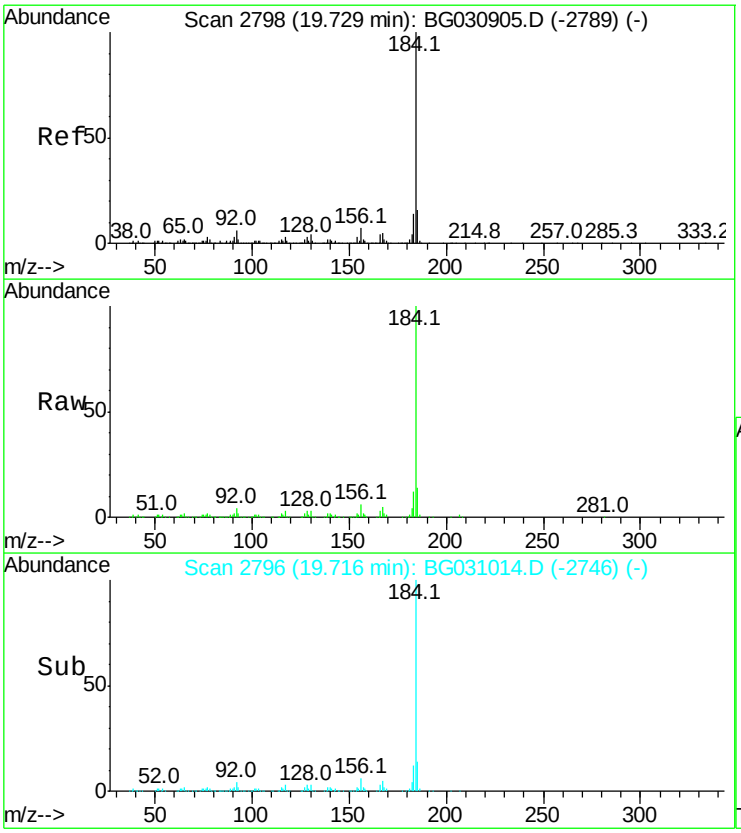
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 378684

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.5	20.9	31.3

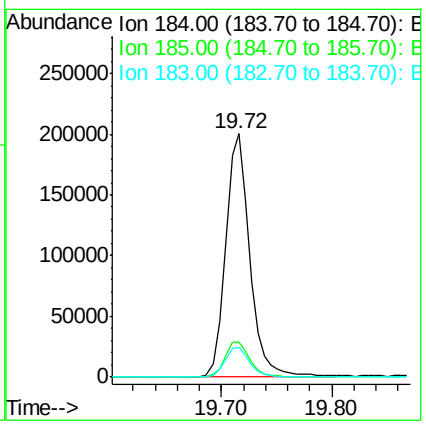


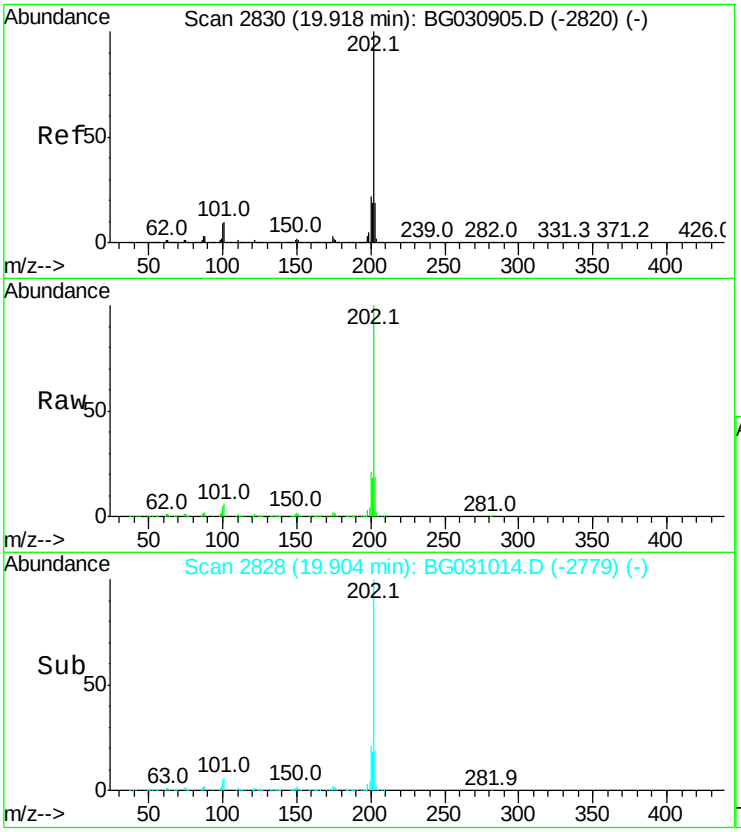


#76
Benzidine
Concen: 25.267 ng
RT: 19.72 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:184 Resp: 307352

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	12.5	10.6	16.0



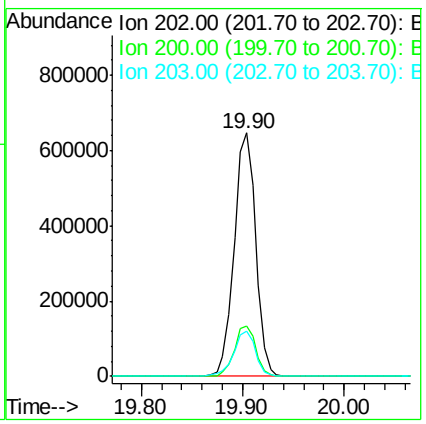


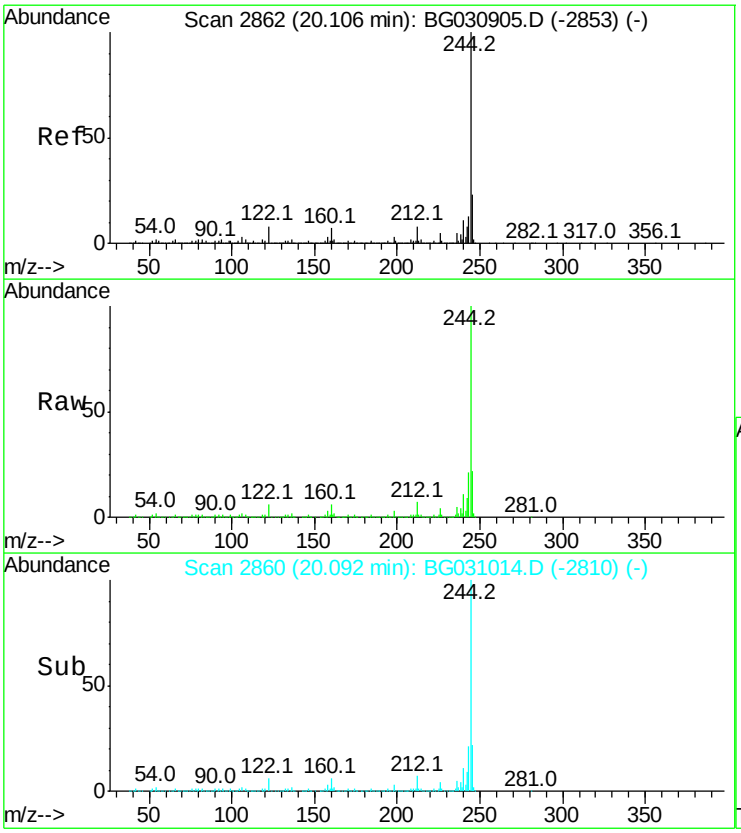
#77
Pyrene
Concen: 42.422 ng
RT: 19.90 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 953258

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.6	13.9	20.9

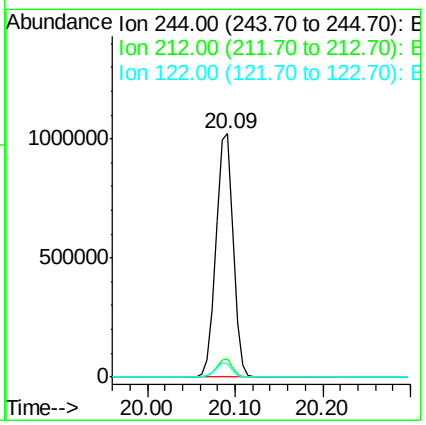


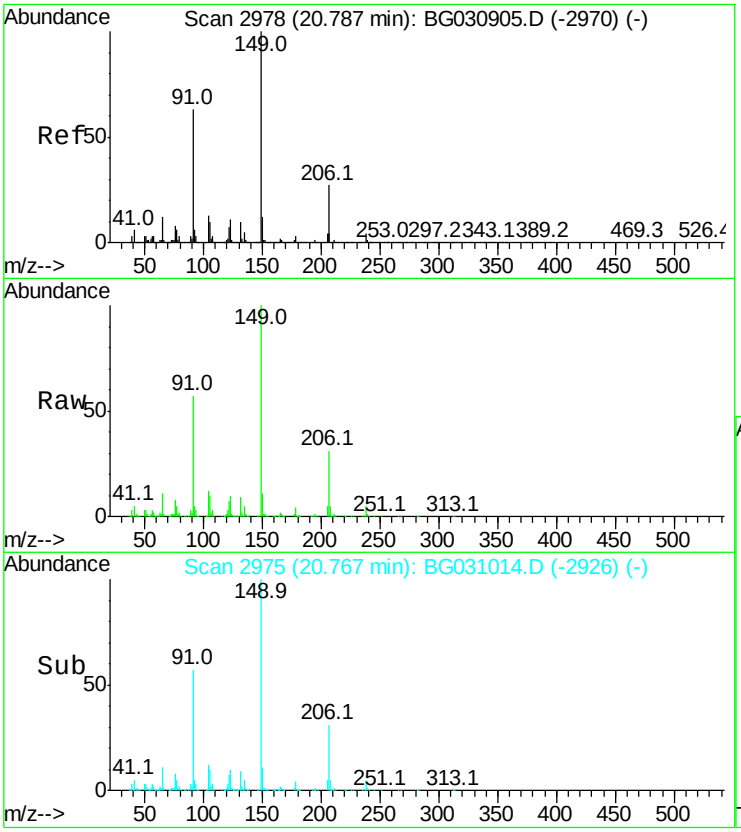


#78
Terphenyl-d14
Concen: 81.850 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:244 Resp: 1403717

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	5.6	7.0	10.4#



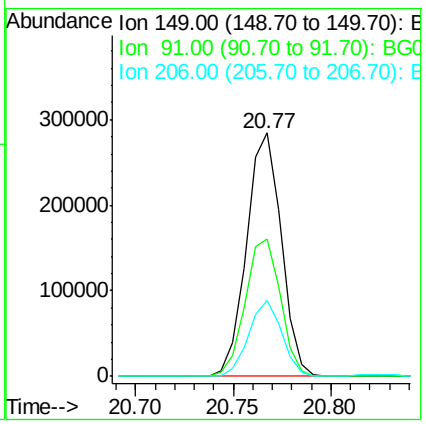


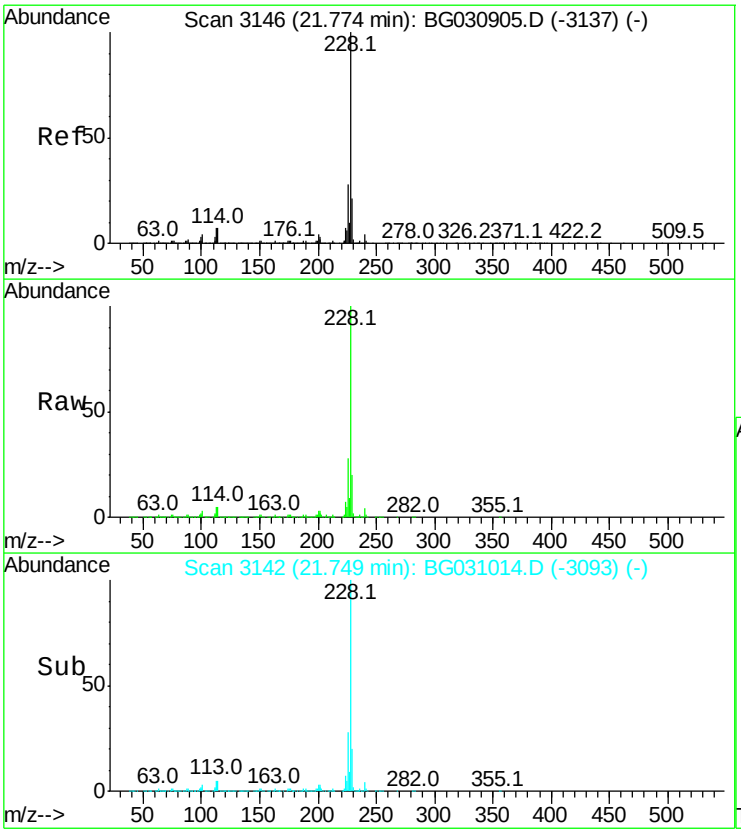
#79
Butylbenzylphthalate
Concen: 39.087 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 350204

Ion	Ratio	Lower	Upper
149	100		
91	56.6	62.2	93.2#
206	31.3	18.6	27.8#

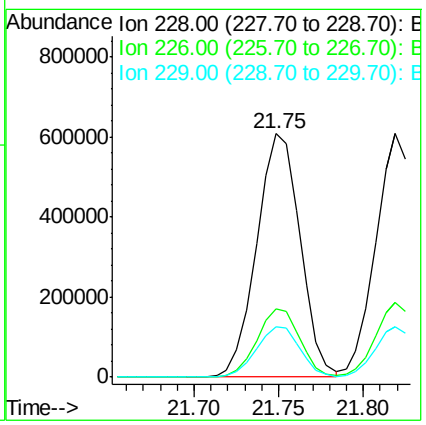


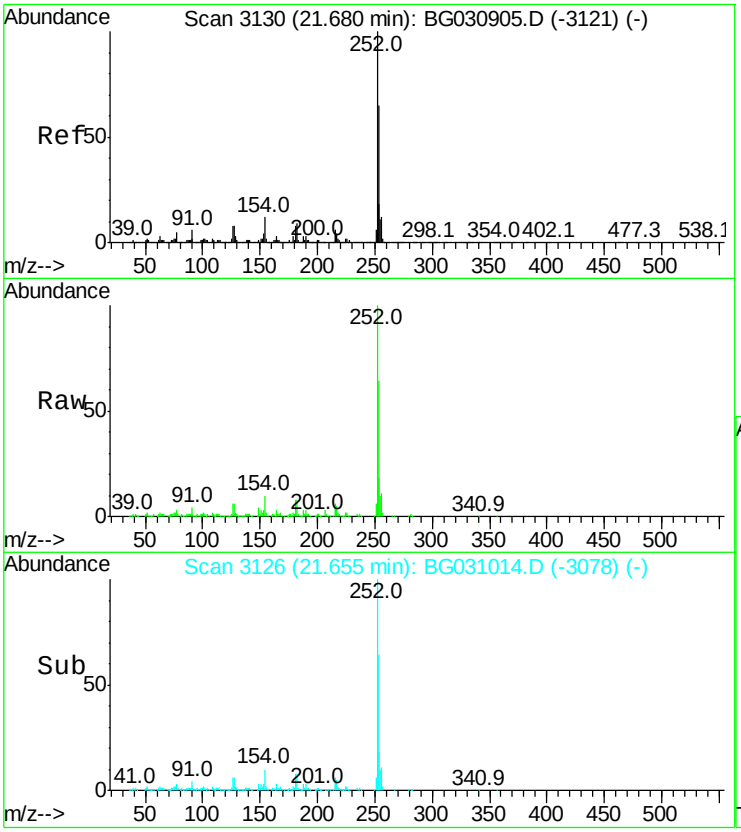


#80
Benzo(a)anthracene
Concen: 45.944 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:228 Resp: 1080700

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.5	16.2	24.2



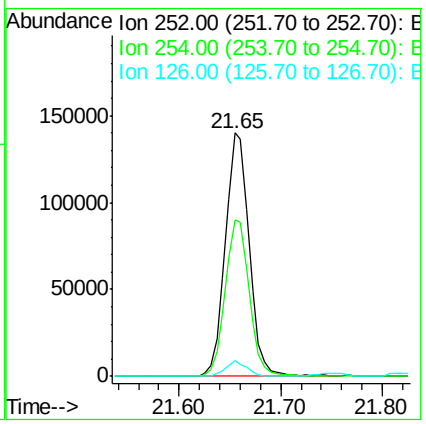


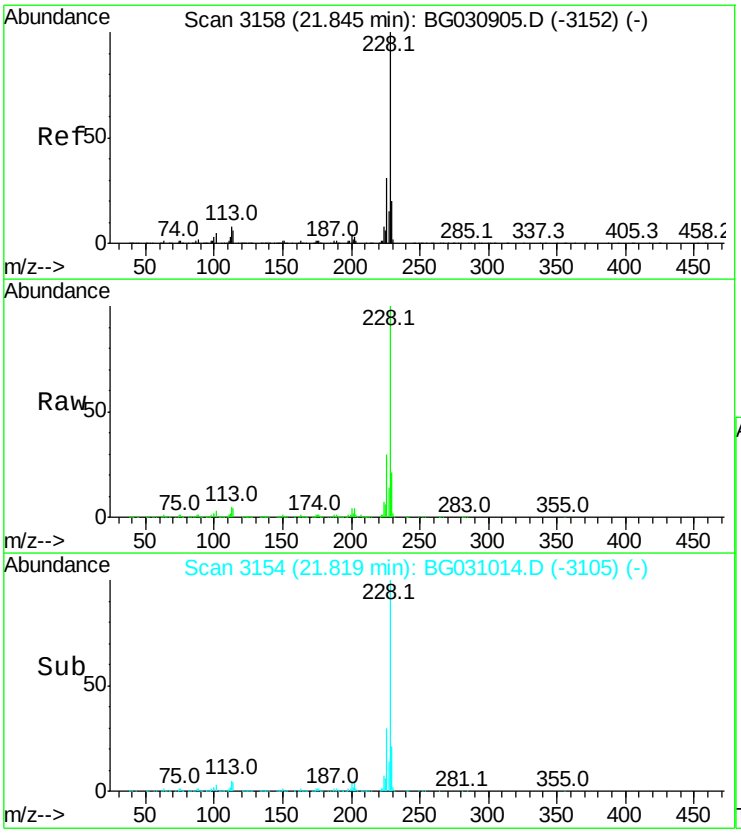
#81
3,3'-Dichlorobenzidine
Concen: 24.136 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 229177

Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	6.4	7.4	11.2#

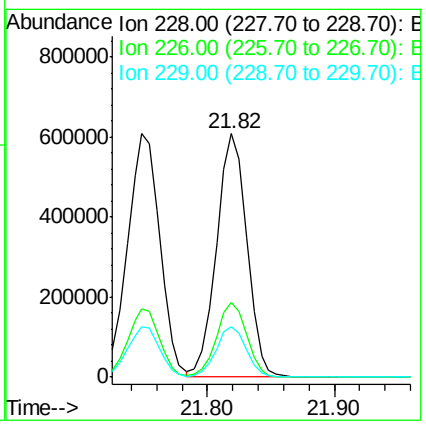


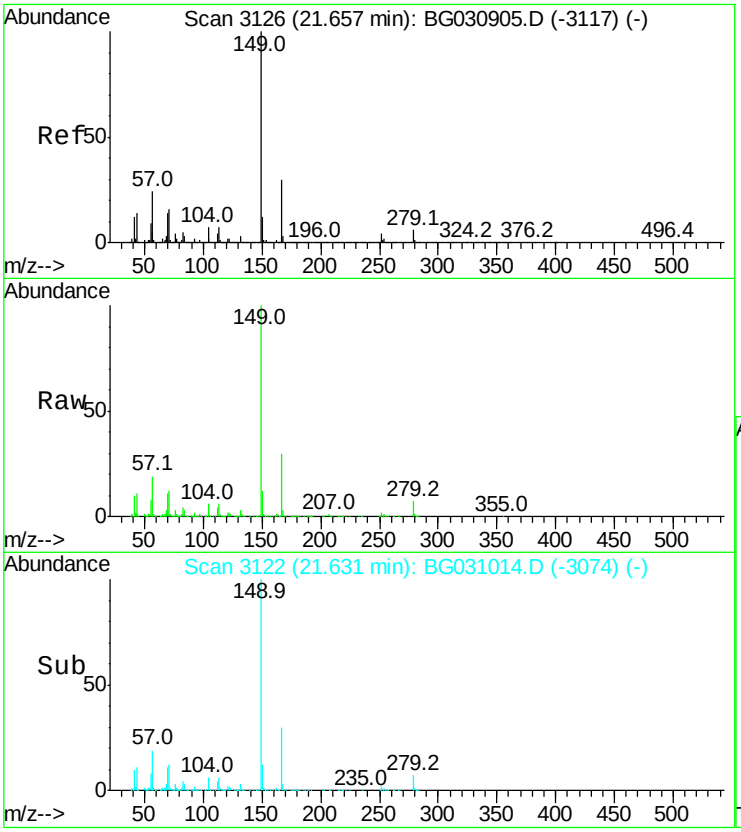


#82
Chrysene
Concen: 46.308 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:228 Resp: 1007609

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.7	15.0	22.4



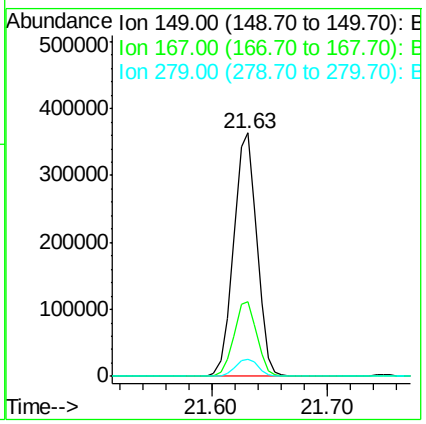


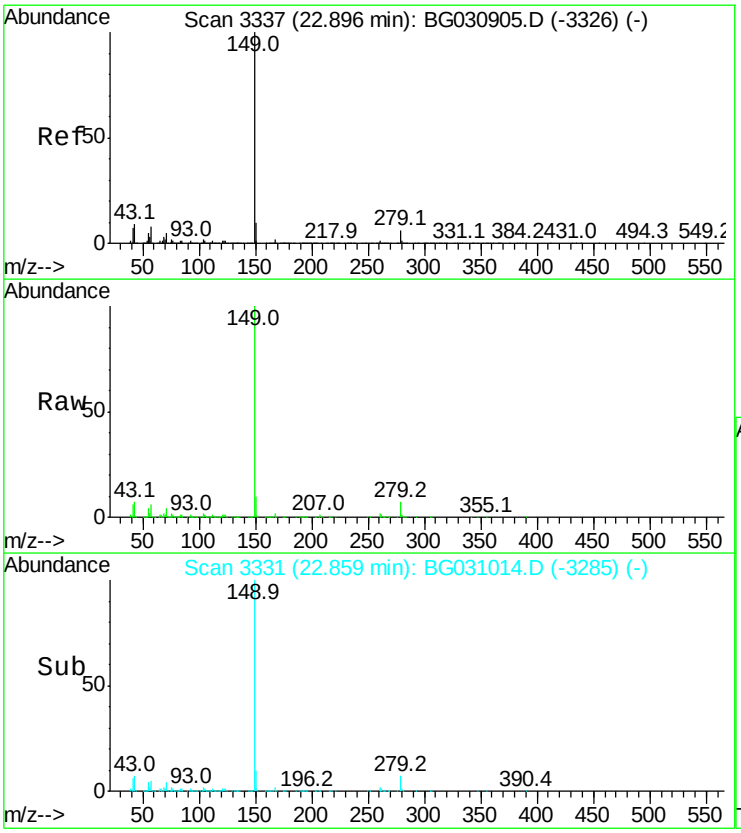
#83
Bis(2-ethylhexyl)phthalate
Concen: 38.912 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 503250

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.3	36.5
279	7.2	4.0	6.0#

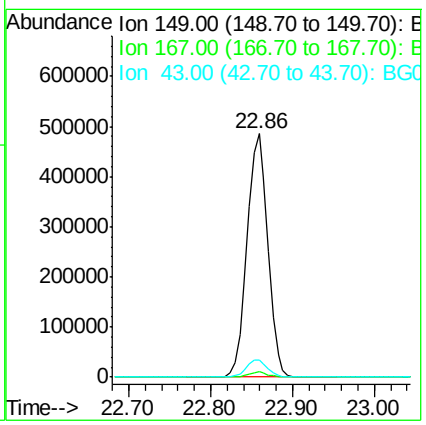


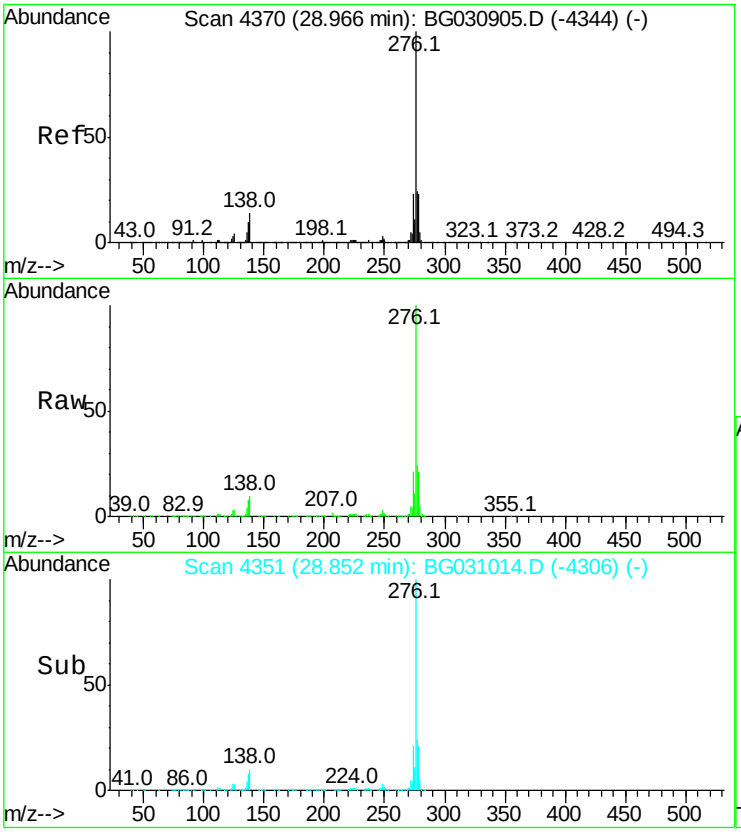


#84
Di-n-octyl phthalate
Concen: 40.653 ng
RT: 22.86 min Scan# 3331
Delta R.T. -0.03 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:149 Resp: 855757

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	7.1	8.9	13.3#



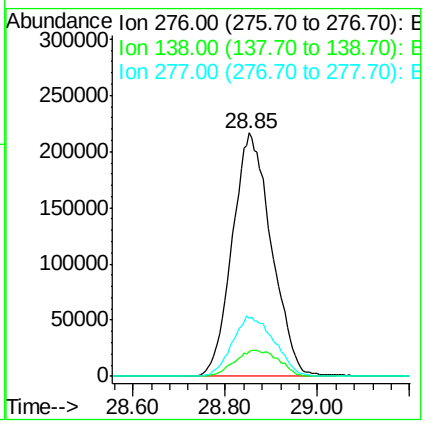


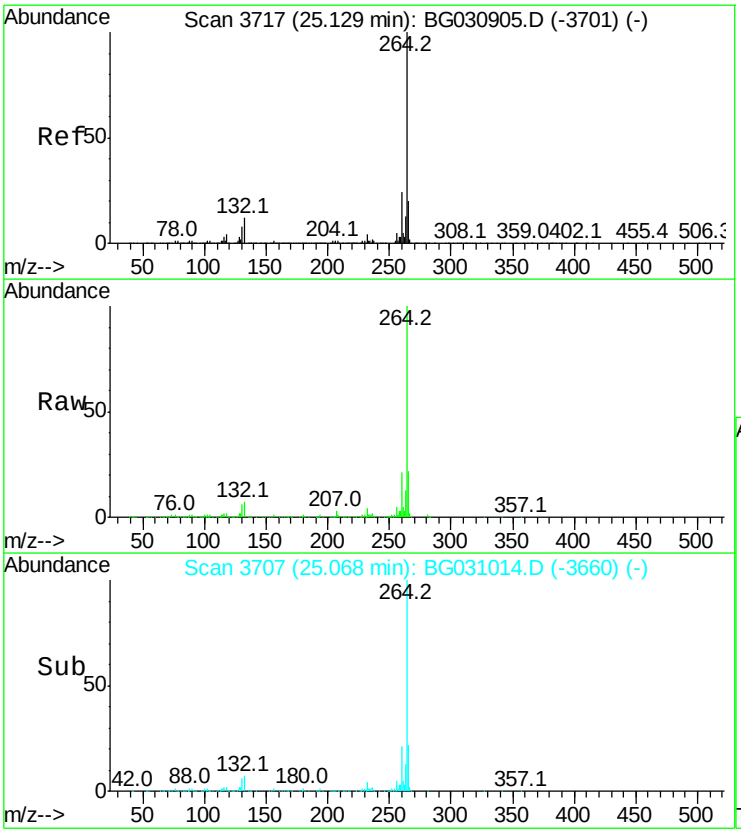
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.235 ng
RT: 28.85 min Scan# 4351
Delta R.T. -0.04 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1275915

Ion	Ratio	Lower	Upper
276	100		
138	12.3	16.0	24.0#
277	26.3	20.0	30.0

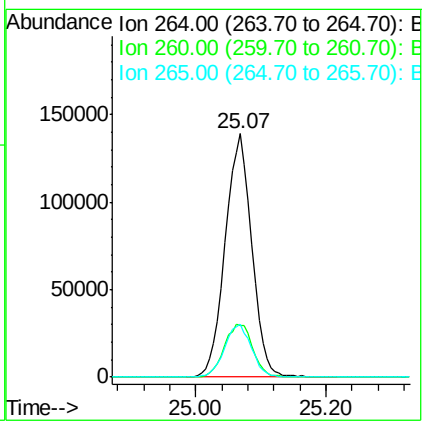


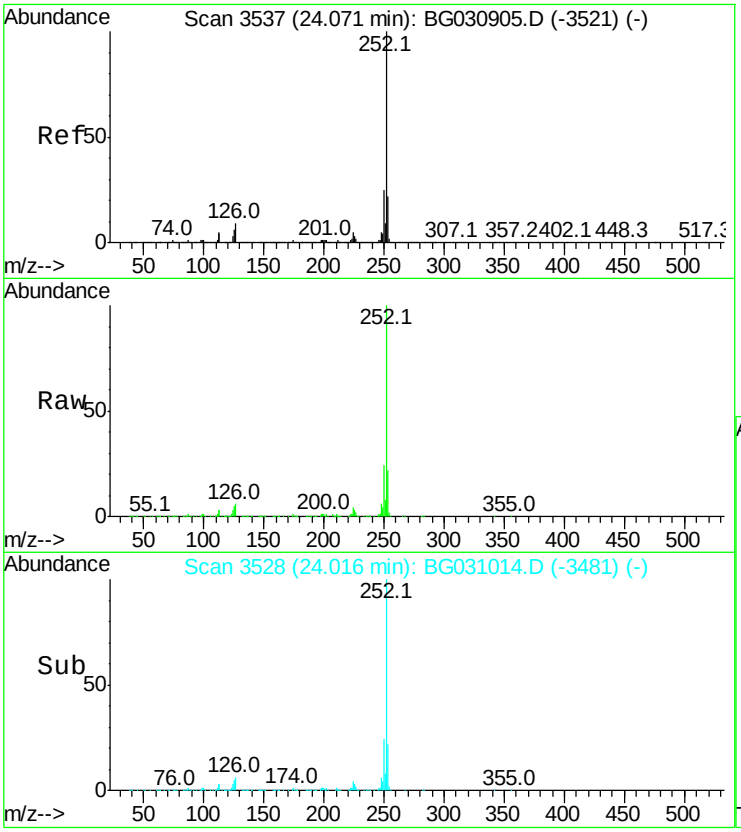


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:264 Resp: 393533

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.7	17.7	26.5



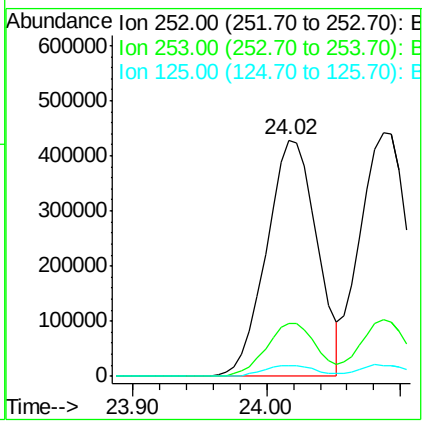


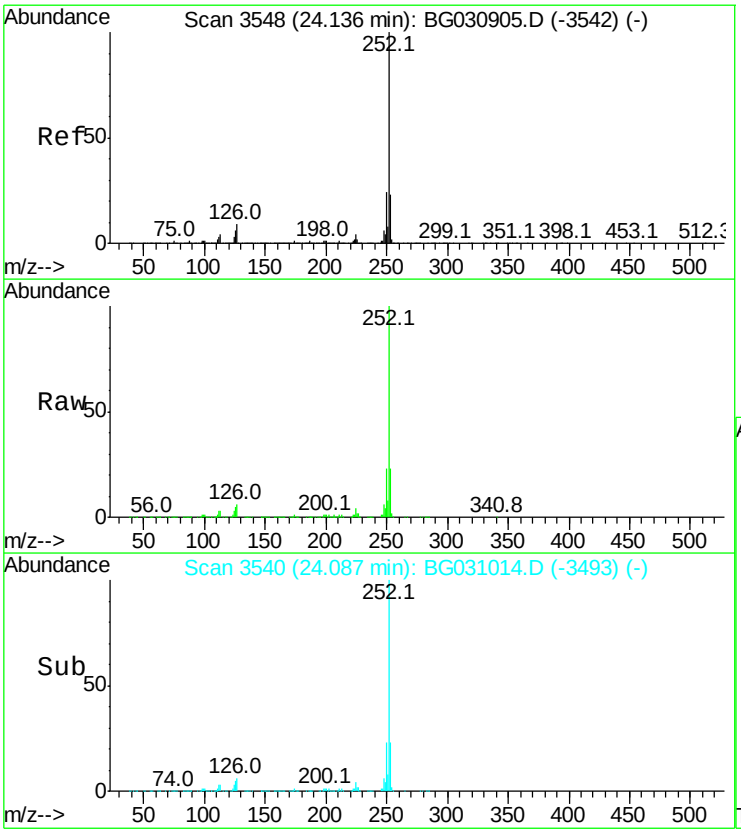
#87
Benzo(b)fluoranthene
Concen: 47.065 ng
RT: 24.02 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1120370

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	4.7	7.2	10.8#

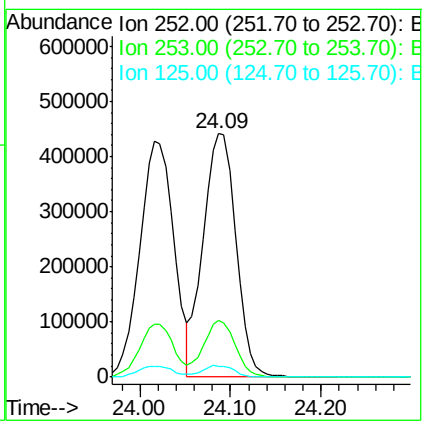


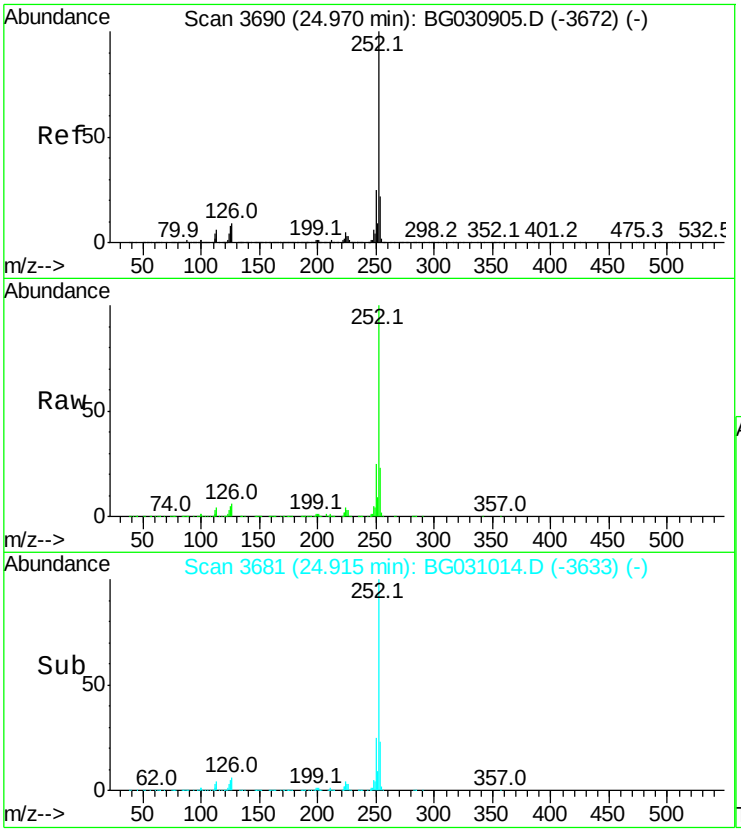


#88
Benzo(k)fluoranthene
Concen: 46.993 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:252 Resp: 1108808

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	4.5	6.6	9.8#



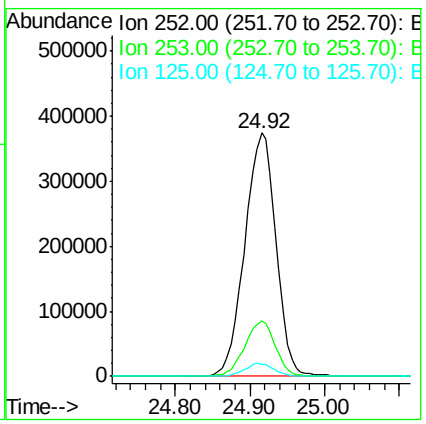


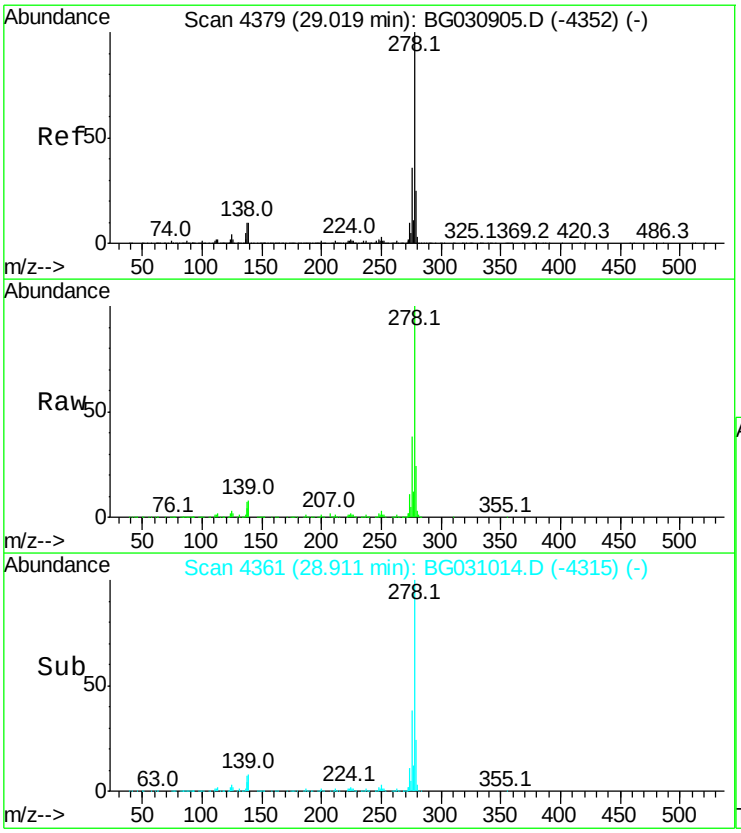
#89
Benzo(a)pyrene
Concen: 48.014 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1085791

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	4.9	7.3	10.9#

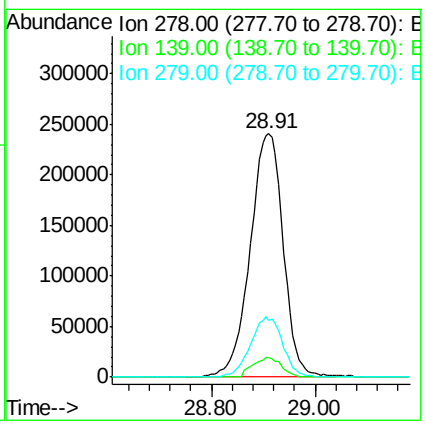


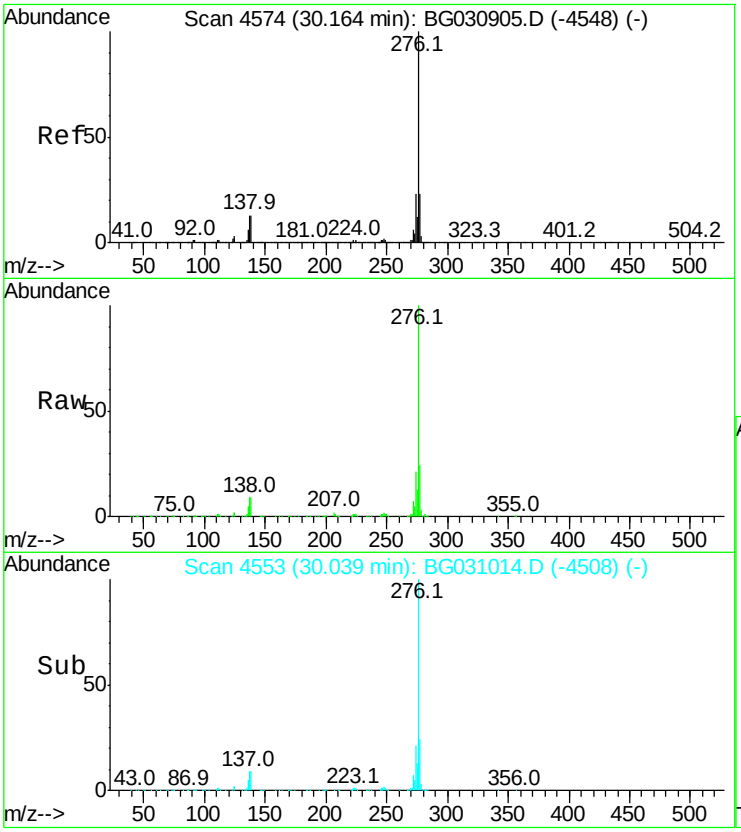


#90
Dibenzo(a,h)anthracene
Concen: 46.140 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:278 Resp: 1066491

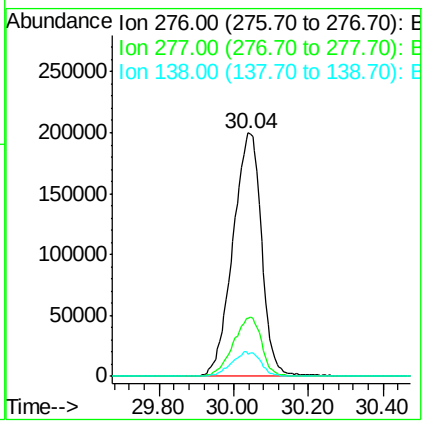
Ion	Ratio	Lower	Upper
278	100		
139	8.1	9.8	14.6#
279	23.5	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 47.560 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.04 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1066946

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	9.4	13.9	20.9#