Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036511.D
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4270-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 01 01:02:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59280	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	234664	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	157596	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	414878	20.00	ng		0.00
75) Chrysene-d12	21.70	240	429711	20.00	ng		0.00
86) Perylene-d12	24.91	264	449408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	415545	111.20	ng		0.00
7) Phenol-d6	7.21	99	547041	102.24	ng		0.00
23) Nitrobenzene-d5	9.22	82	365974	84.62	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	263166	139.95	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	837107	75.84	ng		0.00
78) Terphenyl-d14	20.03	244	1528144	83.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	61147	35.061	ng	#	93
3) Pyridine	3.94	79	155805	31.827	ng		98
4) n-Nitrosodimethylamine	3.85	42	84896	38.936	ng		84
6) Aniline	7.38	93	97149	14.305	ng		96
8) 2-Chlorophenol	7.63	128	174869	43.150	ng		95
9) Benzaldehyde	7.20	77	78324	21.258	ng		95
10) Phenol	7.24	94	223526	39.921	ng		100
11) bis(2-Chloroethyl)ether	7.48	93	172579	38.878	ng		98
12) 1,3-Dichlorobenzene	7.95	146	182439	39.425	ng		97
13) 1,4-Dichlorobenzene	8.10	146	186845	39.993	ng		97
14) 1,2-Dichlorobenzene	8.41	146	179061	40.132	ng		94
15) Benzyl Alcohol	8.30	79	171068	39.661	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	312240	34.879	ng		99
17) 2-Methylphenol	8.50	107	160517	43.174	ng		95
18) Hexachloroethane	9.15	117	66956	39.972	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	150845	37.723	ng		90
20) 3+4-Methylphenols	8.82	107	221148	42.605	ng		97
22) Acetophenone	8.88	105	276577	44.883	ng	#	97
24) Nitrobenzene	9.27	77	214009	45.887	ng		96
25) Isophorone	9.79	82	416193	48.440	ng		97
26) 2-Nitrophenol	9.98	139	92144	49.858	ng		96
27) 2,4-Dimethylphenol	10.03	122	182194	53.248	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	239753	45.467	ng		96
29) 2,4-Dichlorophenol	10.51	162	193184	51.517	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	196721	44.844	ng		99
31) Naphthalene	10.92	128	563091	48.002	ng		100
32) Benzoic acid	10.16	122	111512	44.336	ng		95
33) 4-Chloroaniline	11.02	127	15006	2.792	ng	#	89
34) Hexachlorobutadiene	11.20	225	131056	44.465	ng		98
35) Caprolactam	11.79	113	45034	30.147	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	214304	49.184	ng		98
37) 2-Methylnaphthalene	12.52	142	433505	50.505	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	250034	44.832	ng		99
40) Hexachlorocyclopentadiene	12.86	237	298609	102.905	ng		96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036511.D
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4270-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 01 01:02:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	166592	49.036 ng	99
43) 2,4,5-Trichlorophenol	13.19	196	183306	50.587 ng	97
45) 1,1'-Biphenyl	13.52	154	562778	43.020 ng	99
46) 2-Chloronaphthalene	13.57	162	435217	43.579 ng	99
47) 2-Nitroaniline	13.76	65	151953	48.454 ng	93
48) Acenaphthylene	14.41	152	748787	47.975 ng	99
49) Dimethylphthalate	14.14	163	603563	46.902 ng	100
50) 2,6-Dinitrotoluene	14.25	165	132546	50.055 ng	95
51) Acenaphthene	14.75	154	442910	44.309 ng	99
52) 3-Nitroaniline	14.58	138	31944	11.194 ng	93
53) 2,4-Dinitrophenol	14.79	184	122516	122.149 ng	93
54) Dibenzofuran	15.08	168	703326	44.912 ng	98
55) 4-Nitrophenol	14.89	139	211682	90.727 ng	98
56) 2,4-Dinitrotoluene	15.04	165	187408	54.303 ng	91
57) Fluorene	15.73	166	574128	49.041 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	185672	54.537 ng	95
59) Diethylphthalate	15.50	149	594785	45.863 ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	322293	44.583 ng	99
61) 4-Nitroaniline	15.75	138	135789	45.474 ng	95
62) Azobenzene	16.02	77	563318	42.690 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	93387	51.242 ng	94
65) n-Nitrosodiphenylamine	15.94	169	527834	42.818 ng	97
66) 4-Bromophenyl-phenylether	16.62	248	216097	44.488 ng	99
67) Hexachlorobenzene	16.73	284	218820	44.056 ng	97
68) Atrazine	16.88	200	185147	40.014 ng	98
69) Pentachlorophenol	17.07	266	282382	83.653 ng	97
70) Phenanthrene	17.47	178	994290	47.165 ng	98
71) Anthracene	17.56	178	998947	47.537 ng	98
72) Carbazole	17.83	167	922533	43.958 ng	99
73) Di-n-butylphthalate	18.39	149	1033806	44.236 ng	99
74) Fluoranthene	19.48	202	1236466	48.107 ng	99
76) Benzidine	19.66	184	56147	4.095 ng	97
77) Pyrene	19.83	202	1226845	46.428 ng	98
79) Butylbenzylphthalate	20.72	149	488682	46.469 ng	94
80) Benzo(a)anthracene	21.67	228	1245670	47.850 ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	150875	14.542 ng	98
82) Chrysene	21.74	228	1151372	46.661 ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	674001	45.801 ng	100
84) Di-n-octyl phthalate	22.80	149	1135158	46.182 ng	96
85) Indeno(1,2,3-cd)pyrene	28.56	276	1295947	45.218 ng	99
87) Benzo(b)fluoranthene	23.89	252	1271704	50.959 ng	96
88) Benzo(k)fluoranthene	23.96	252	1170028	47.990 ng	98
89) Benzo(a)pyrene	24.76	252	1197541	49.938 ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1035523	44.729 ng	97
91) Benzo(g,h,i)perylene	29.70	276	1022173	43.937 ng	97

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

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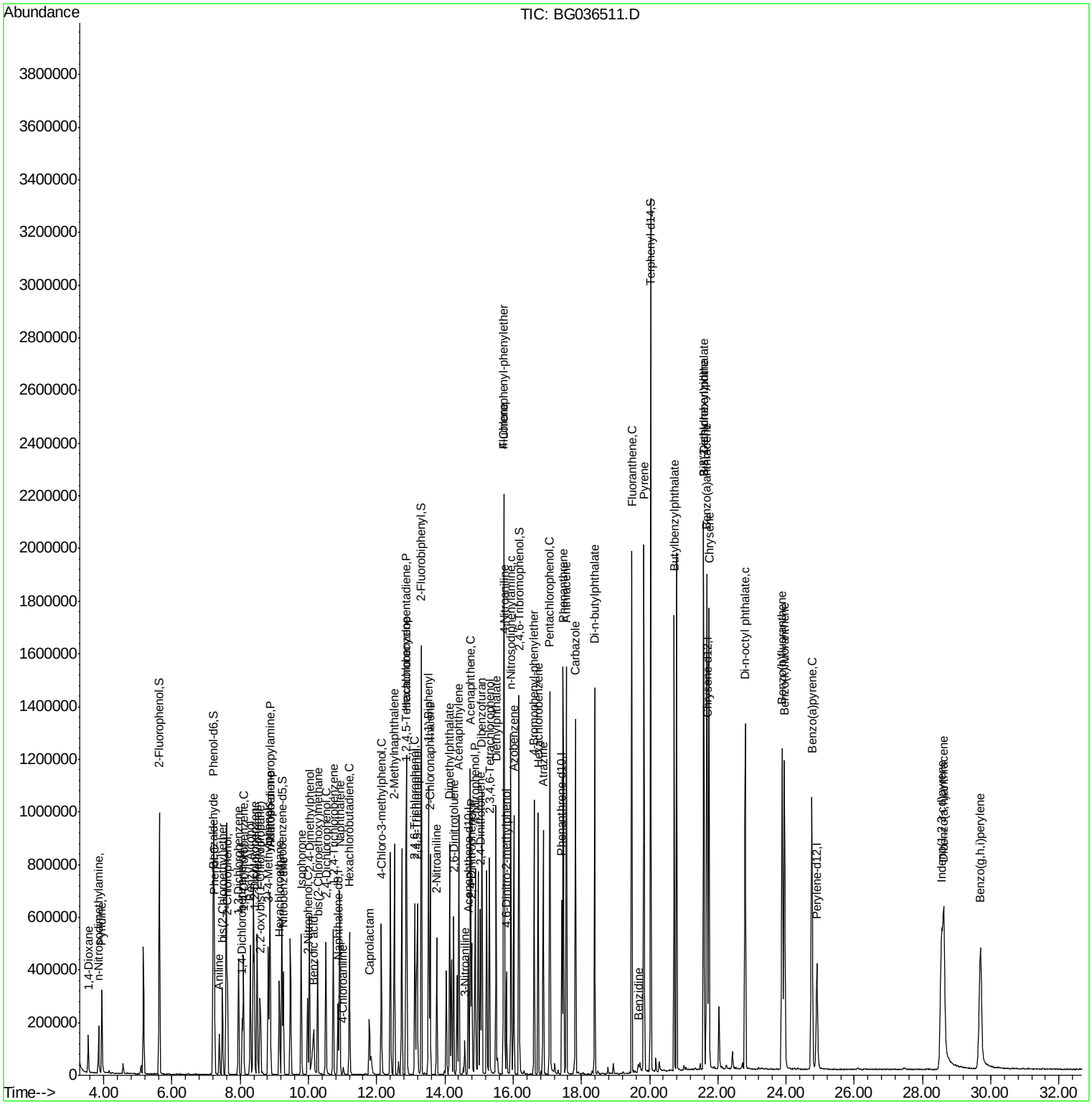
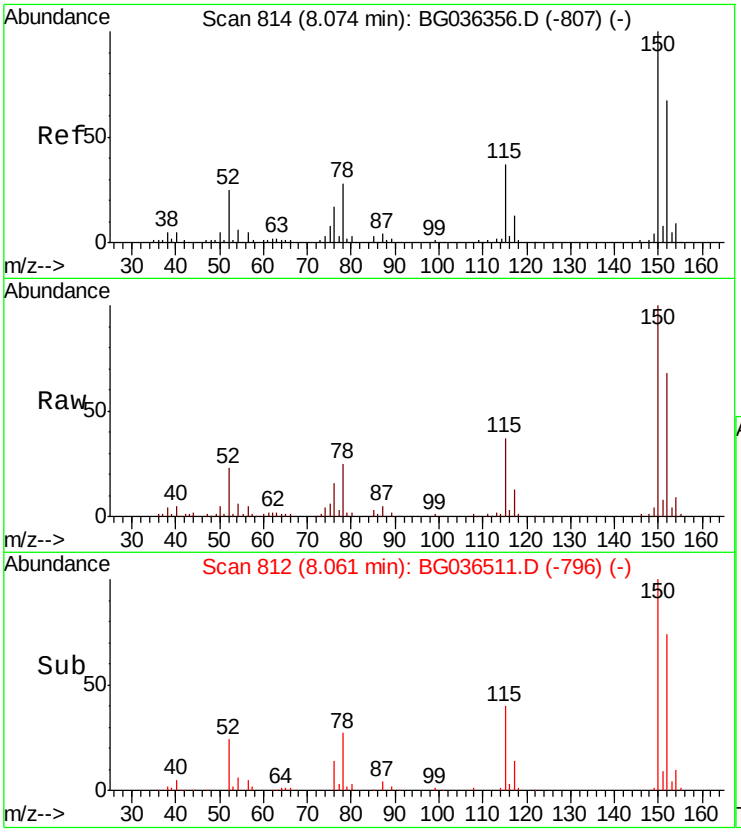
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4270-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 01 01:02:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



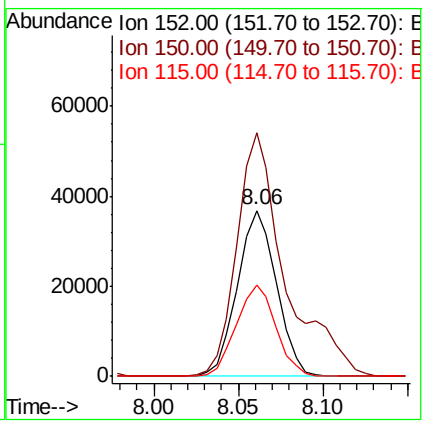


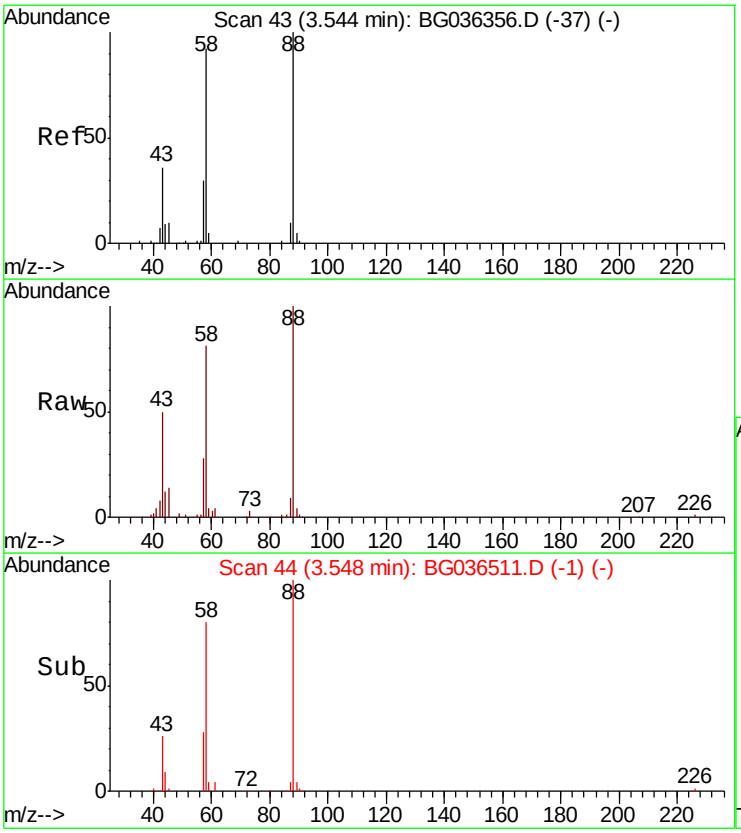
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59280

Ion	Ratio	Lower	Upper
152	100		
150	146.6	119.5	179.3
115	54.7	44.5	66.7

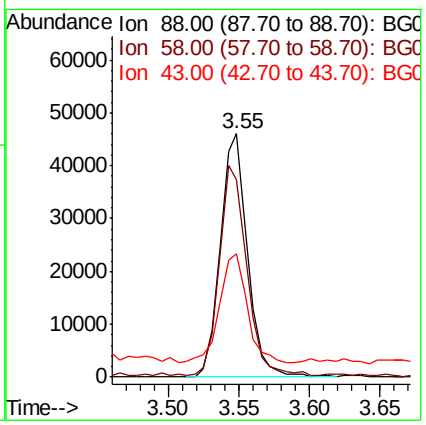


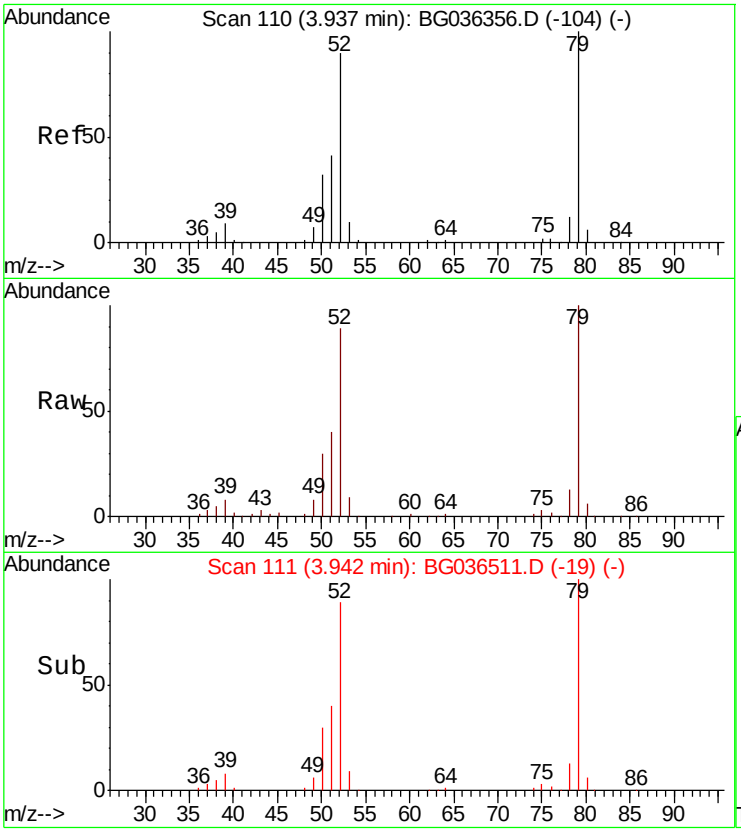


#2
1,4-Dioxane
Concen: 35.061 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 88 Resp: 61147

Ion	Ratio	Lower	Upper
88	100		
58	86.8	72.6	109.0
43	45.3	29.0	43.4#



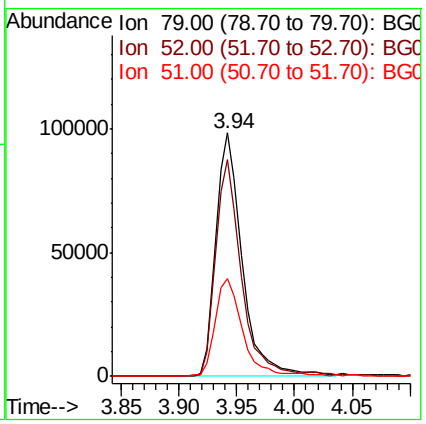


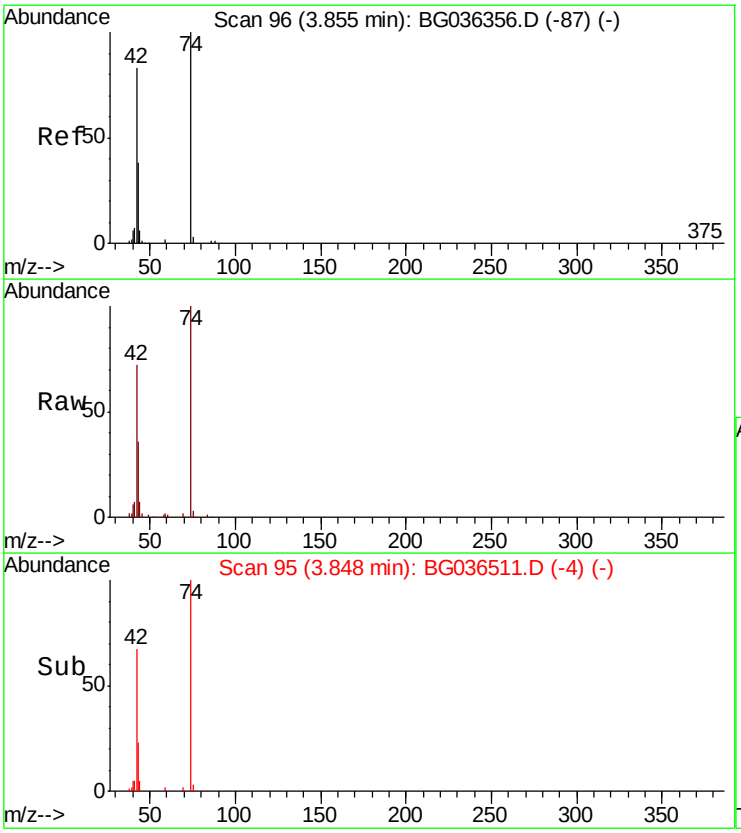
#3
Pyridine
Concen: 31.827 ng
RT: 3.94 min Scan# 111
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 155805

Ion	Ratio	Lower	Upper
79	100		
52	89.3	72.3	108.5
51	40.1	33.8	50.6

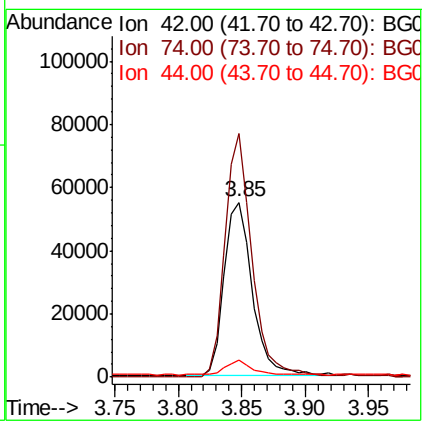


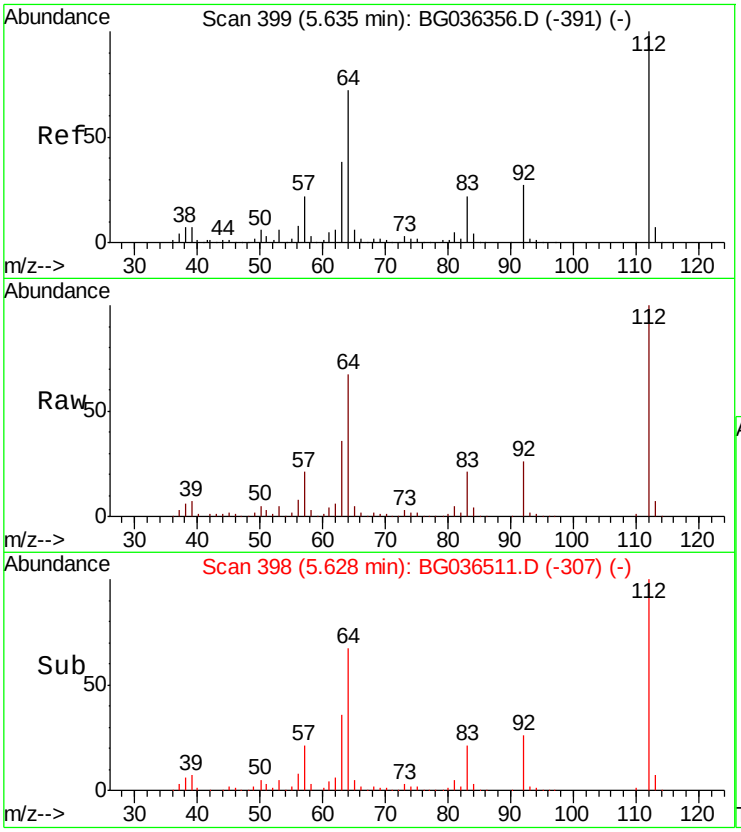


#4
n-Nitrosodimethylamine
Concen: 38.936 ng
RT: 3.85 min Scan# 95
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 42 Resp: 84896

Ion	Ratio	Lower	Upper
42	100		
74	139.5	96.6	145.0
44	9.4	7.0	10.4



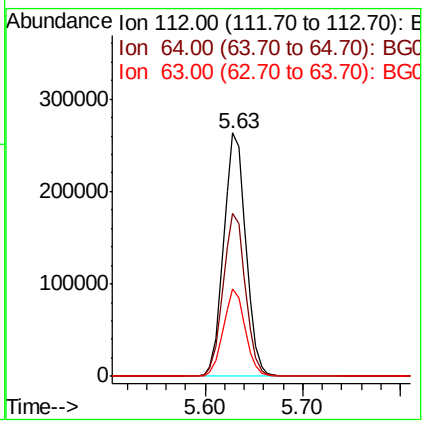


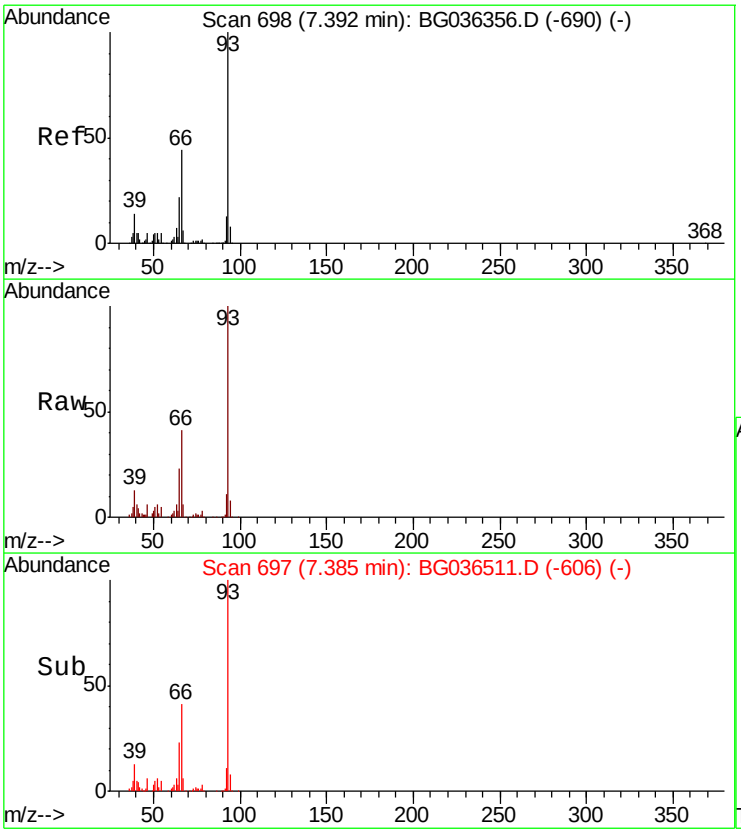
#5
2-Fluorophenol
Concen: 111.197 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 415545

Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.2	85.8
63	35.9	30.8	46.2

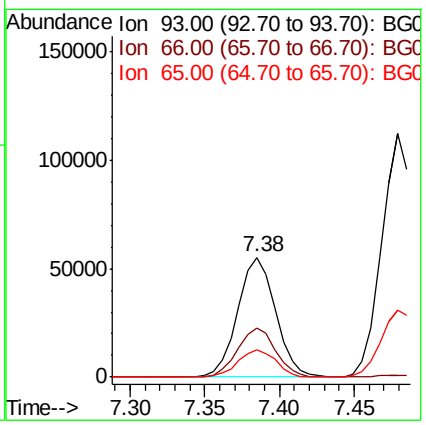


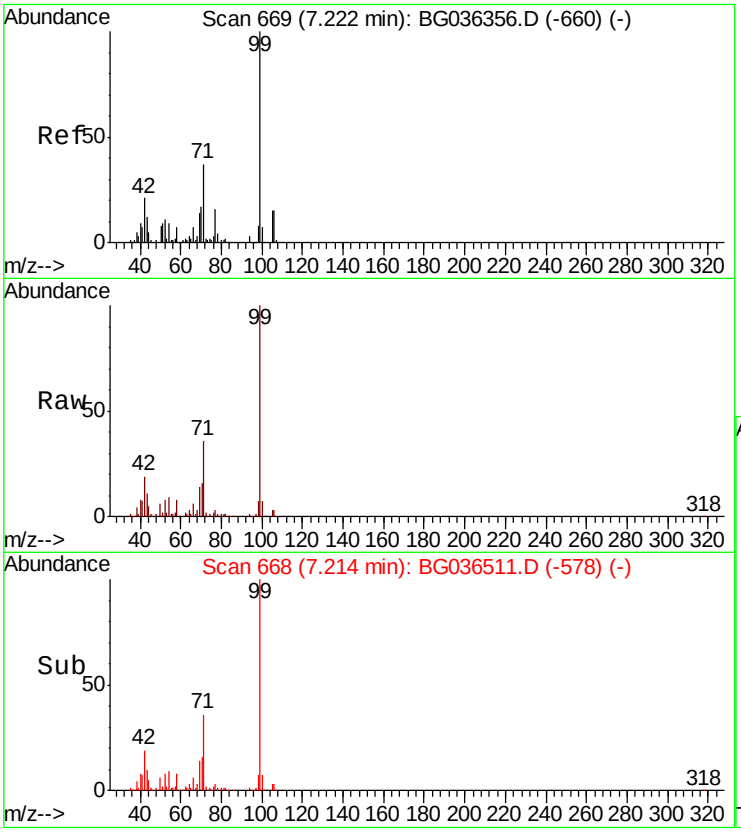


#6
Aniline
Concen: 14.305 ng
RT: 7.38 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 93 Resp: 97149

Ion	Ratio	Lower	Upper
93	100		
66	41.0	35.0	52.4
65	23.2	17.6	26.4



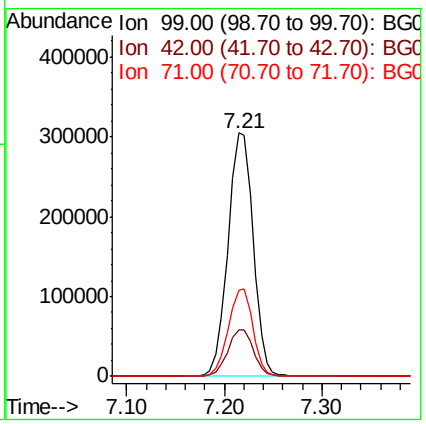


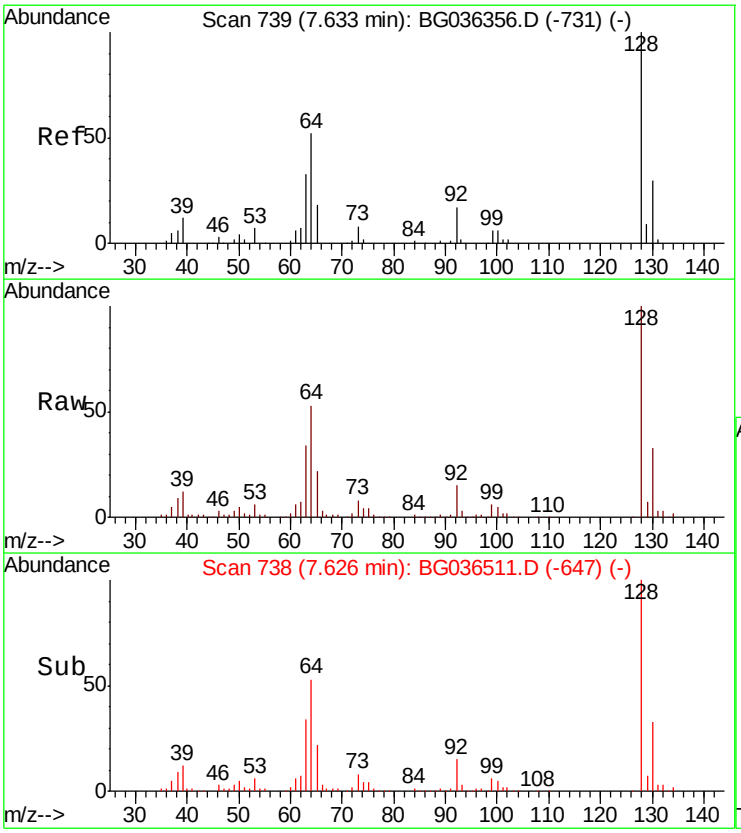
#7
Phenol-d6
Concen: 102.242 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 547041

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.5	24.7
71	35.6	29.4	44.2

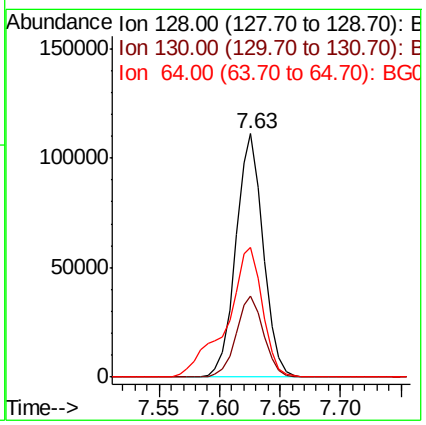


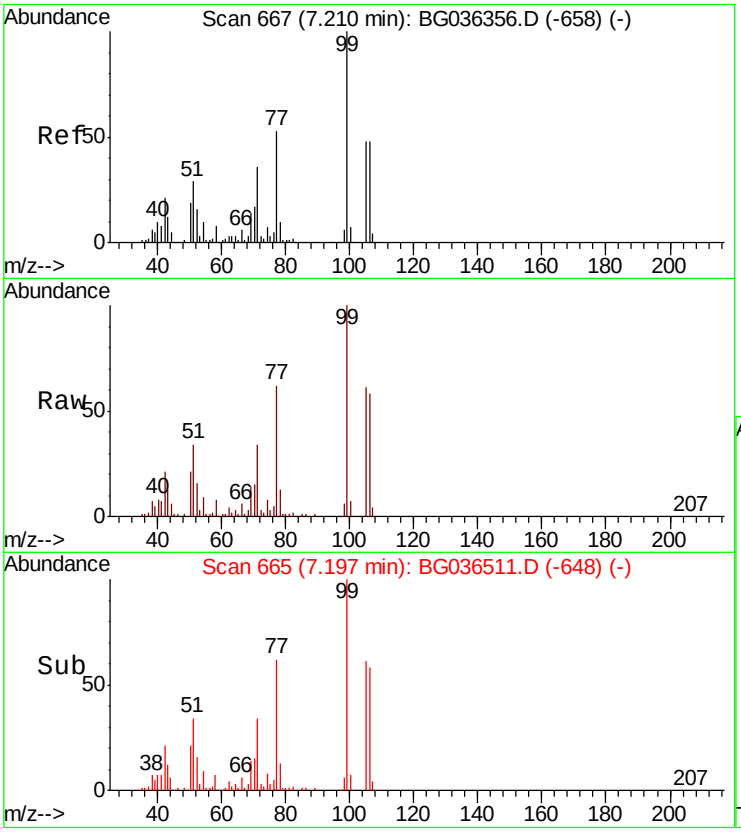


#8
2-Chlorophenol
Concen: 43.150 ng
RT: 7.63 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:128 Resp: 174869

Ion	Ratio	Lower	Upper
128	100		
130	33.1	10.0	50.0
64	53.1	36.0	76.0



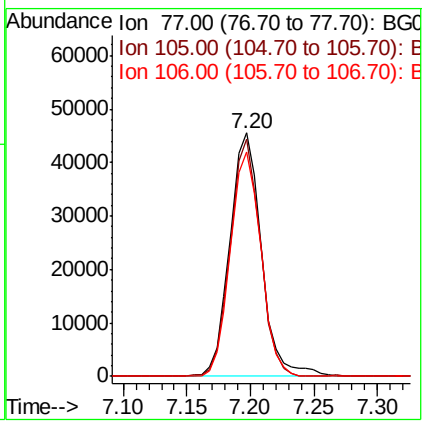


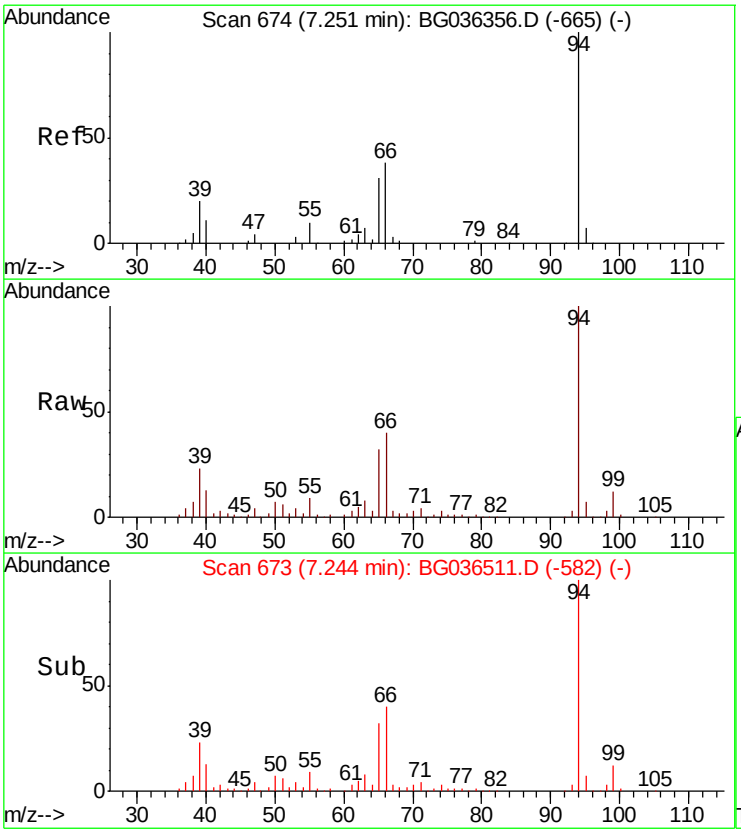
#9
Benzaldehyde
Concen: 21.258 ng
RT: 7.20 min Scan# 665
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 78324

Ion	Ratio	Lower	Upper
77	100		
105	97.6	70.5	110.5
106	92.4	69.8	109.8

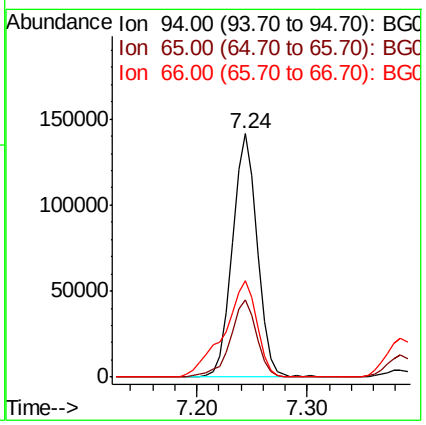


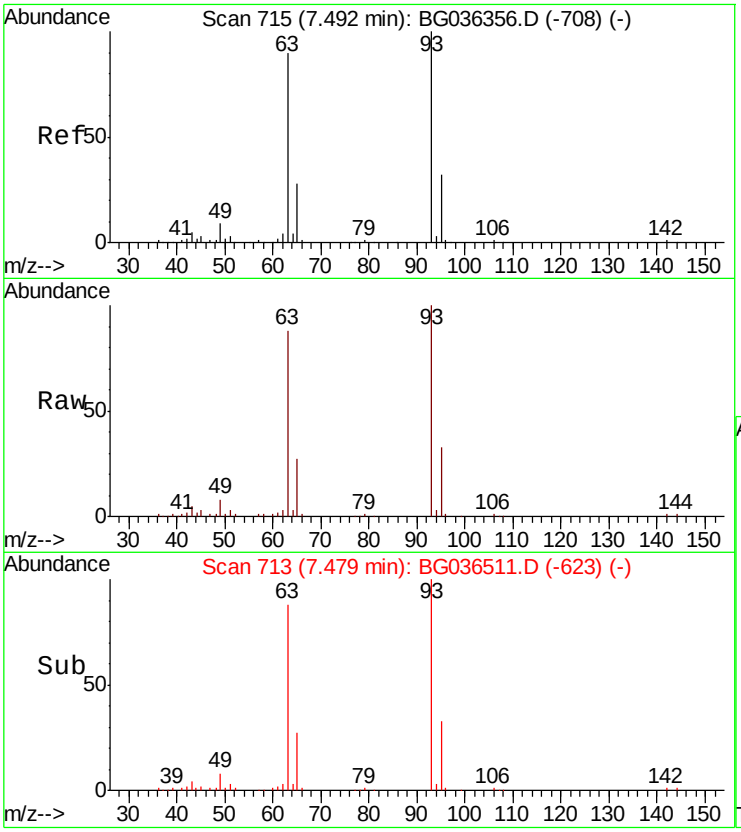


#10
Phenol
Concen: 39.921 ng
RT: 7.24 min Scan# 673
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 94 Resp: 223526

Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.5	51.5
66	39.7	19.5	59.5



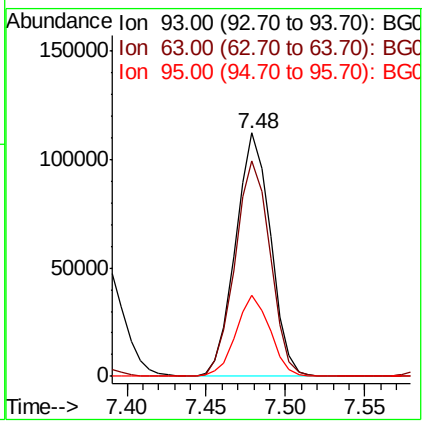


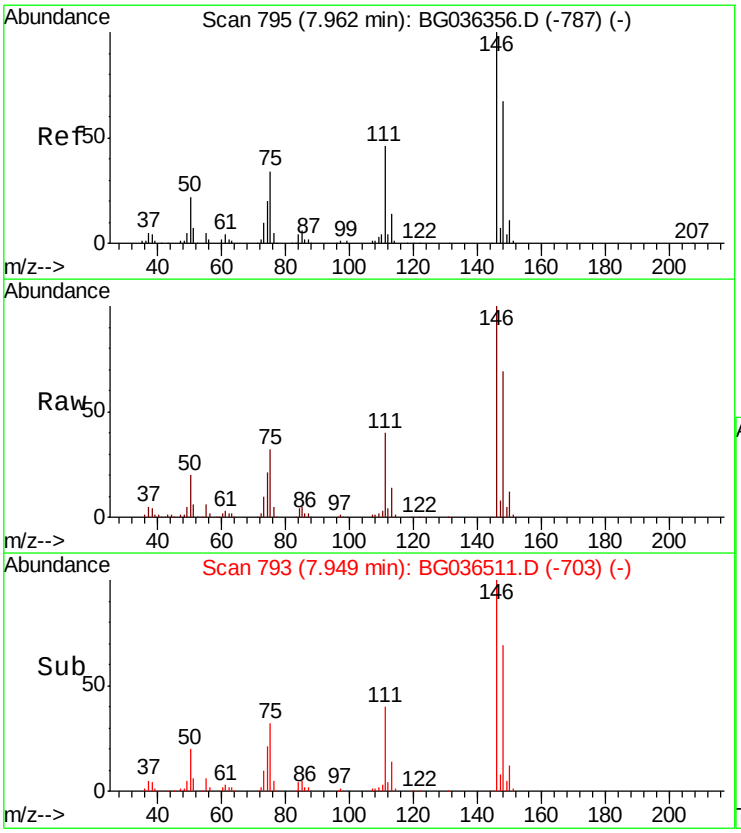
#11
bis(2-Chloroethyl)ether
Concen: 38.878 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 172579

Ion	Ratio	Lower	Upper
93	100		
63	88.4	69.9	109.9
95	33.5	11.7	51.7

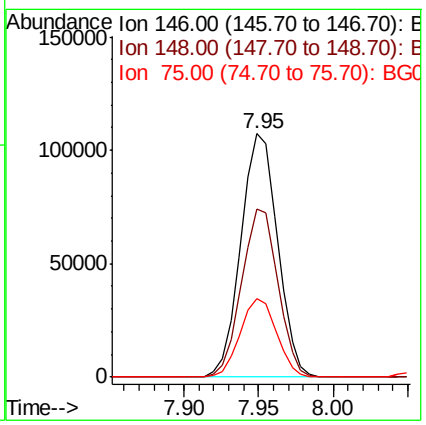


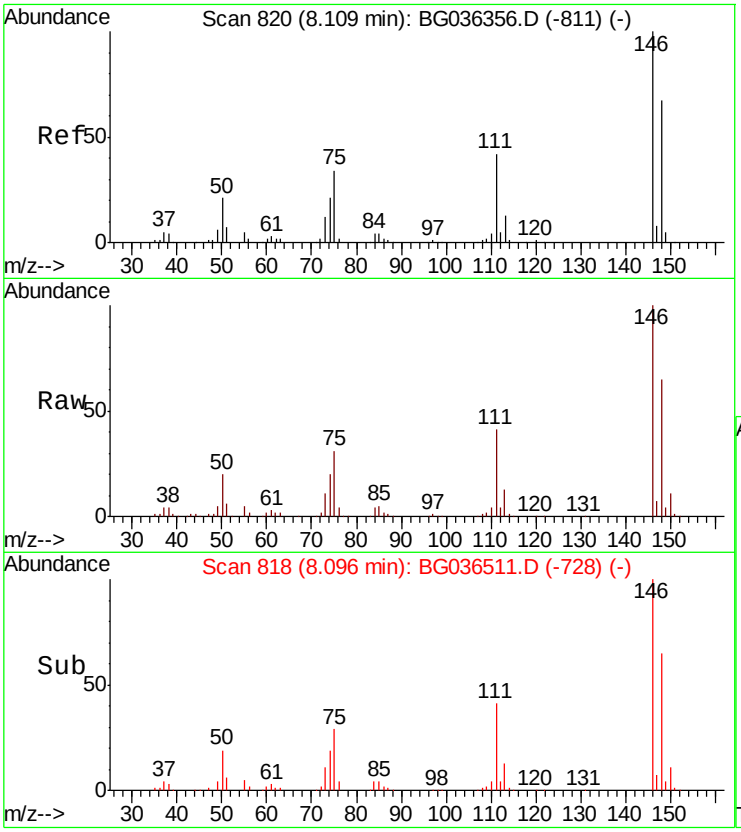


#12
1,3-Dichlorobenzene
Concen: 39.425 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:146 Resp: 182439

Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.8	80.6
75	32.0	27.2	40.8



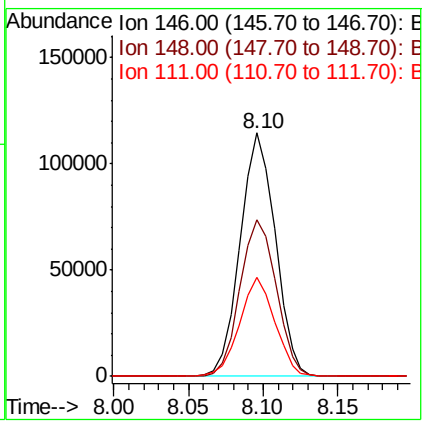


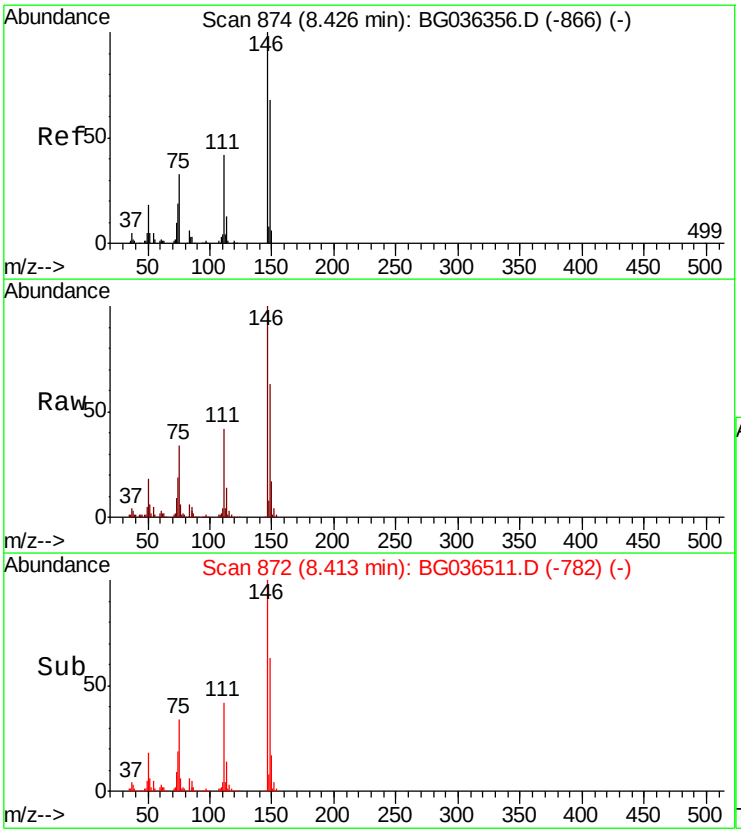
#13
1,4-Dichlorobenzene
Concen: 39.993 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 186845

Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.9	80.9
111	40.5	33.8	50.6

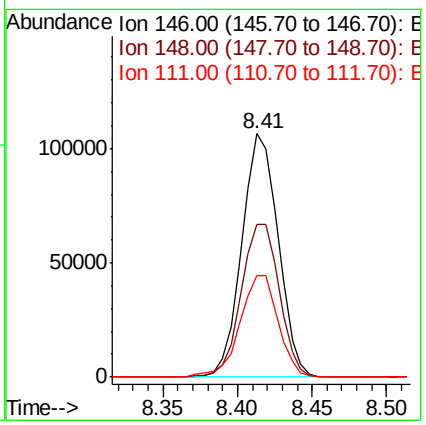


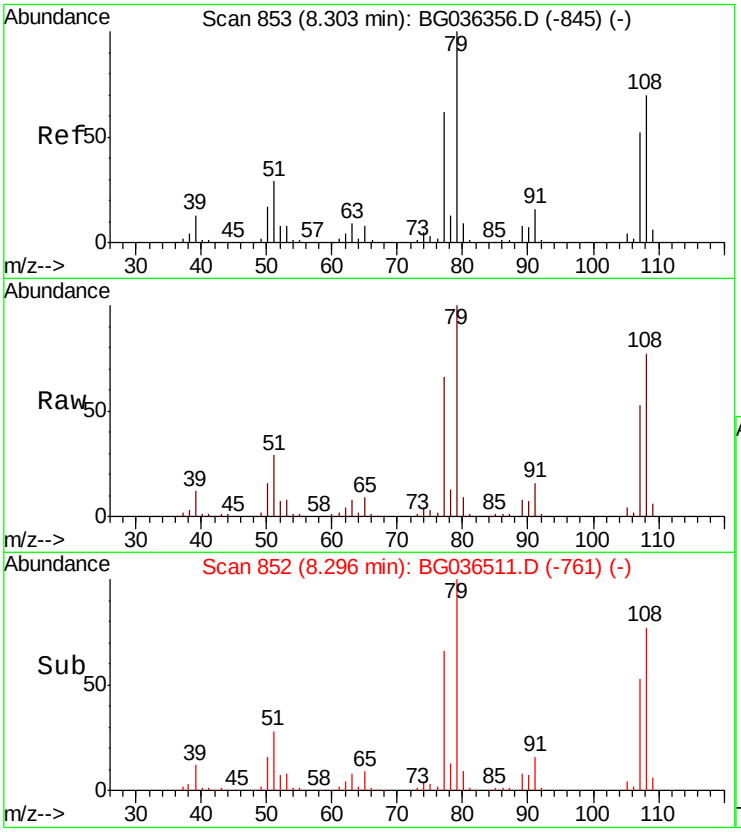


#14
1,2-Dichlorobenzene
Concen: 40.132 ng
RT: 8.41 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:146 Resp: 179061

Ion	Ratio	Lower	Upper
146	100		
148	62.6	55.0	82.6
111	41.7	34.6	51.8



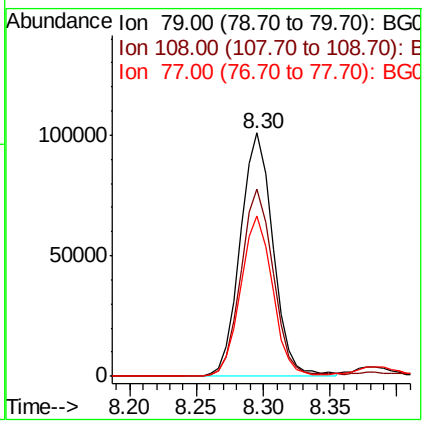


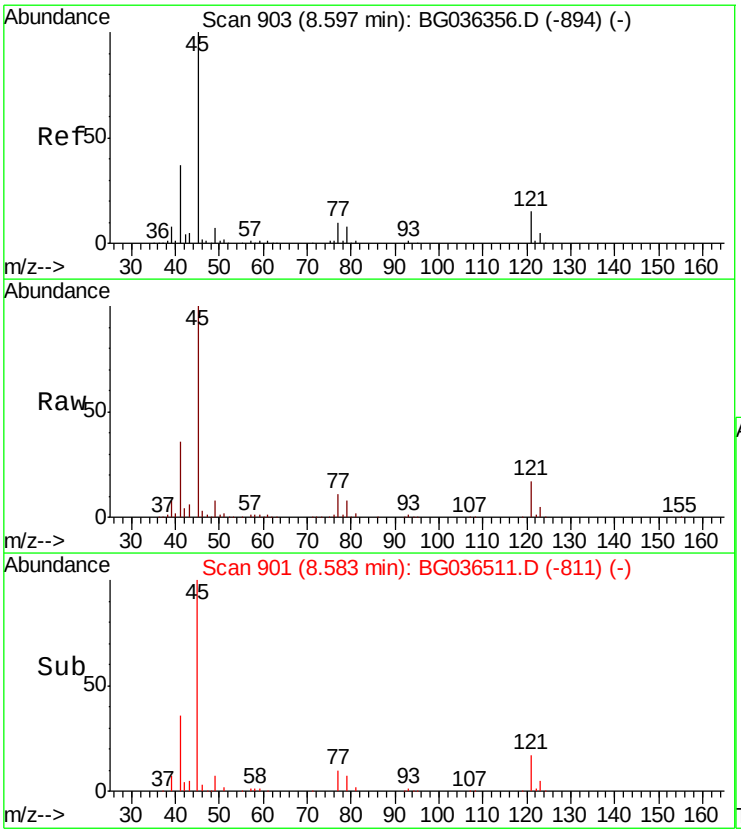
#15
Benzyl Alcohol
Concen: 39.661 ng
RT: 8.30 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 171068

Ion	Ratio	Lower	Upper
79	100		
108	77.0	55.9	83.9
77	65.8	50.0	75.0

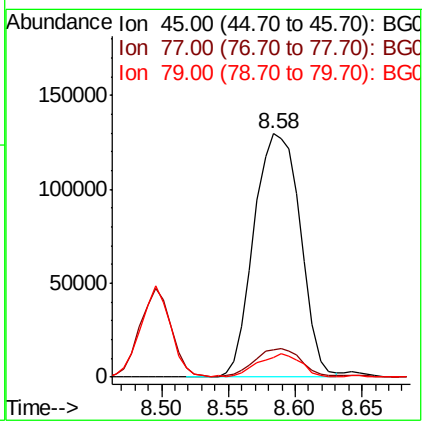


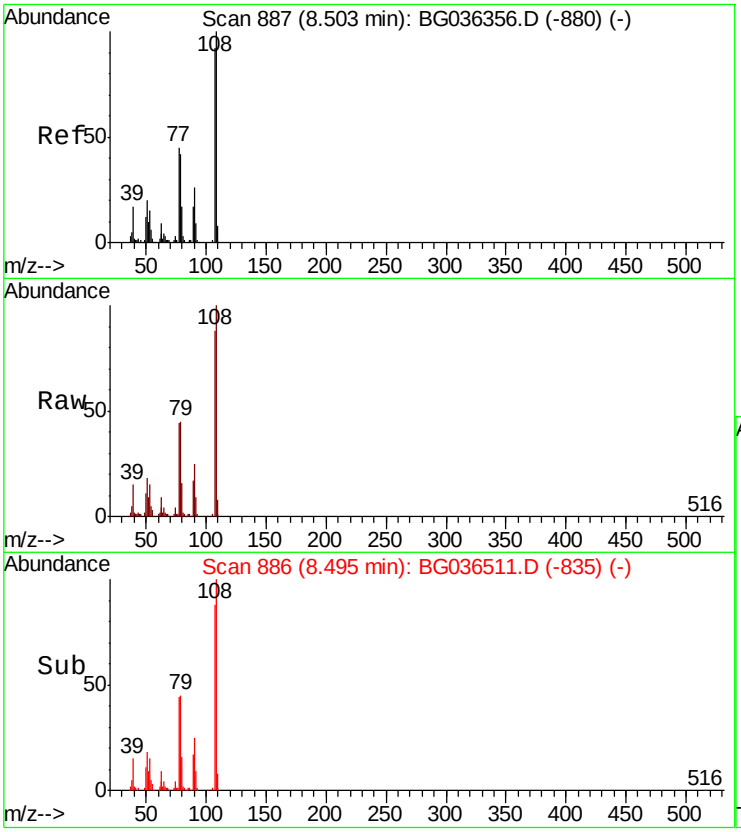


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.879 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 45 Resp: 312240

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	30.5
79	7.9	0.0	27.9



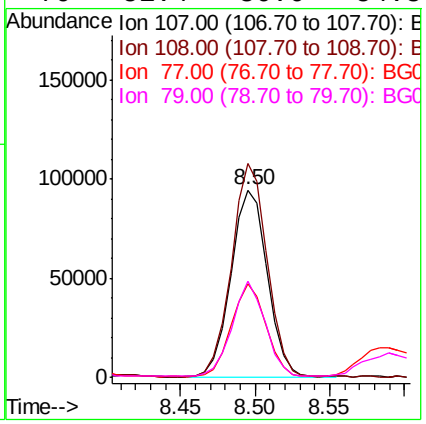


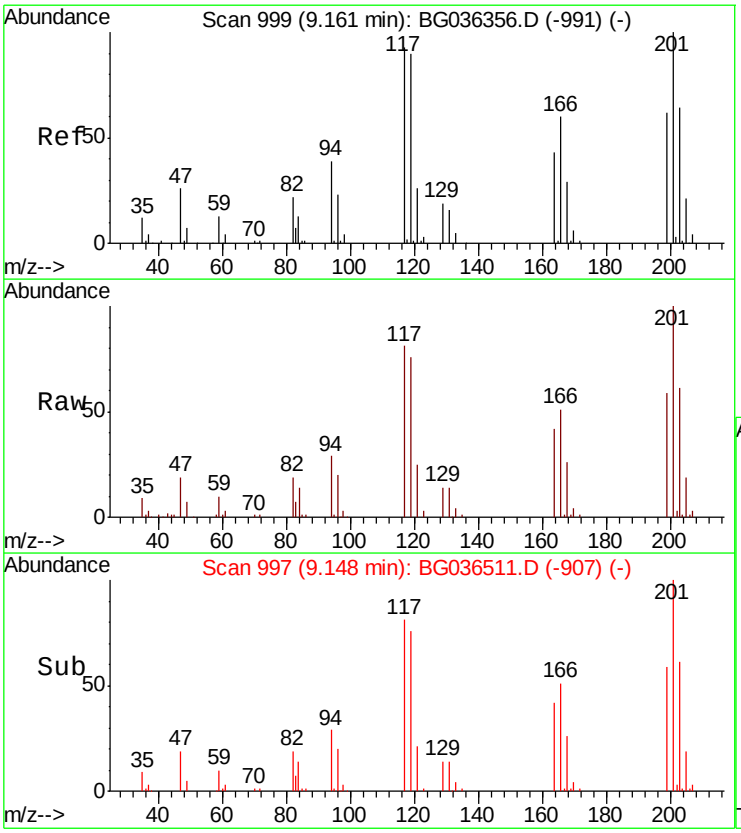
#17
2-Methylphenol
Concen: 43.174 ng
RT: 8.50 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 160517

Ion	Ratio	Lower	Upper
107	100		
108	113.9	86.7	130.1
77	50.0	39.0	58.4
79	51.4	36.6	54.8

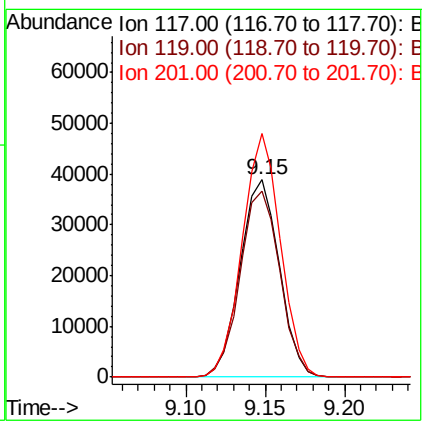


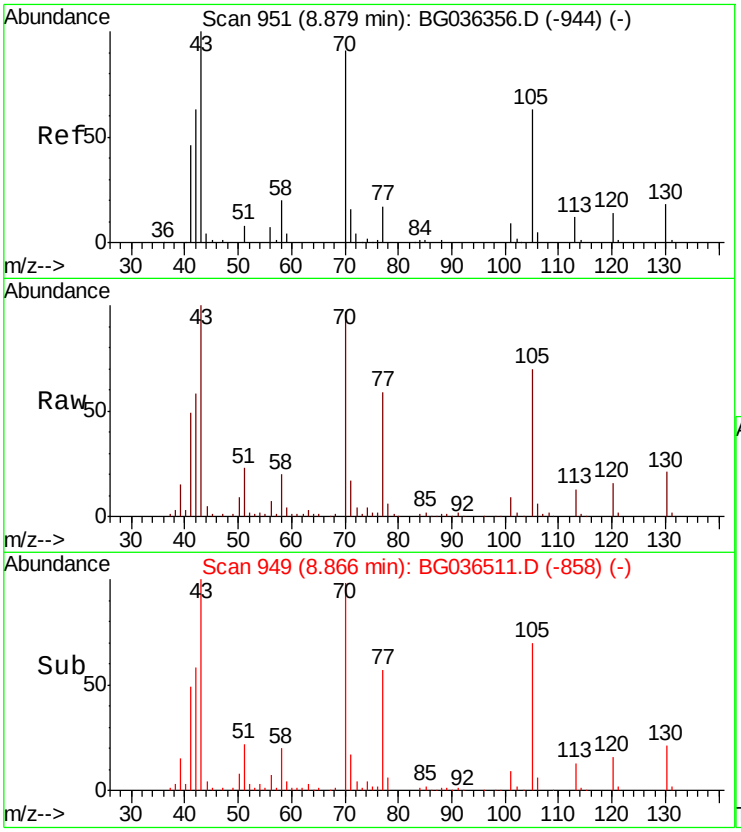


#18
Hexachloroethane
Concen: 39.972 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:117 Resp: 66956

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.8	115.2
201	123.3	85.7	128.5



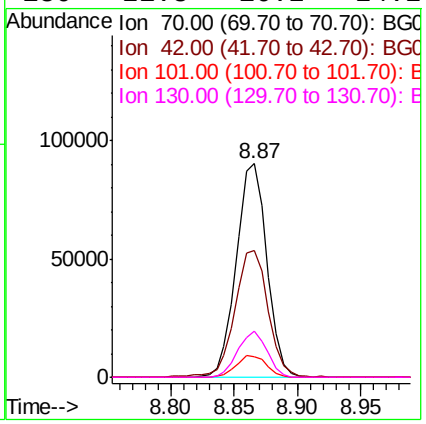


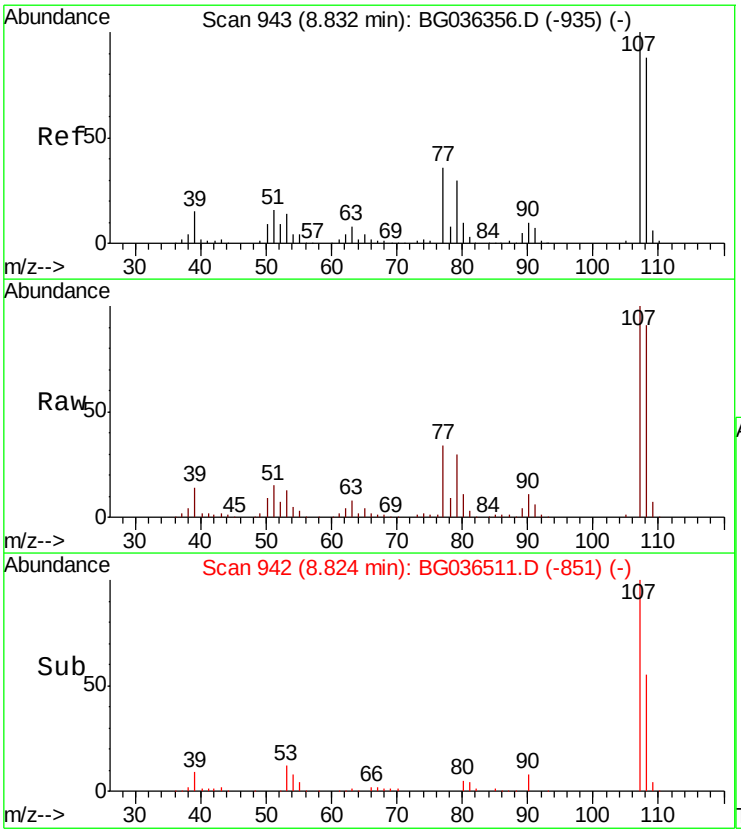
#19
n-Nitroso-di-n-propylamine
Concen: 37.723 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 150845

Ion	Ratio	Lower	Upper
70	100		
42	59.2	56.2	84.4
101	9.3	7.8	11.6
130	21.8	16.2	24.2

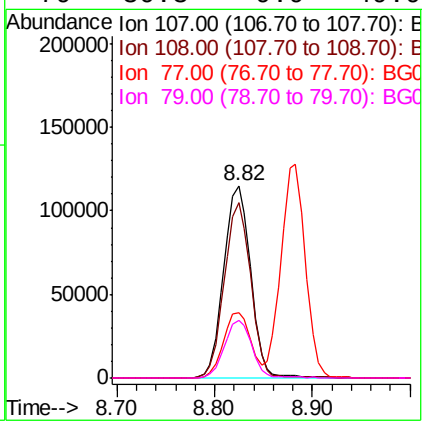


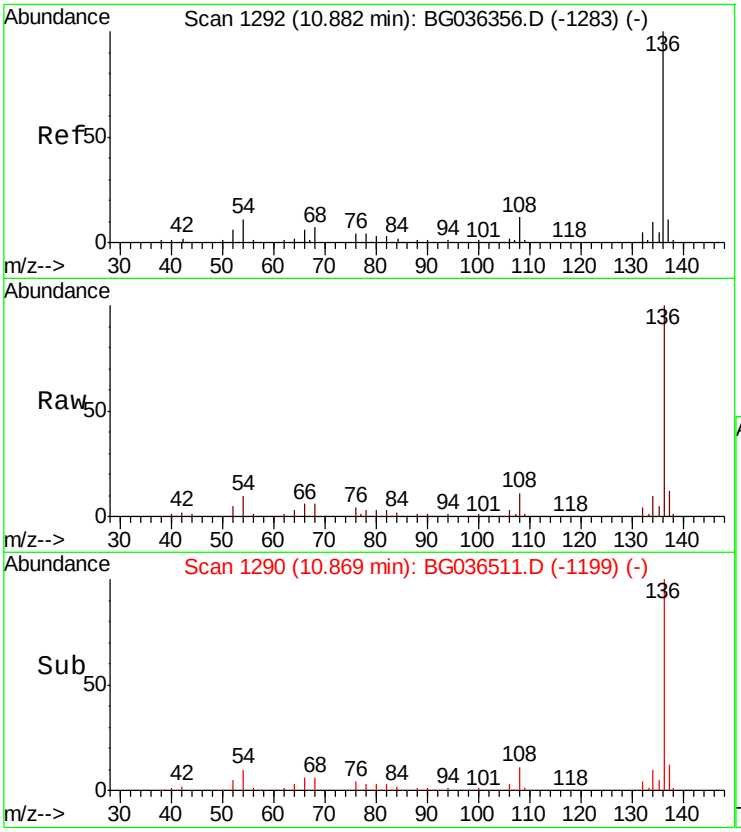


#20
3+4-Methylphenols
Concen: 42.605 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:107 Resp: 221148

Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.0	108.0
77	34.2	15.6	55.6
79	30.3	9.9	49.9



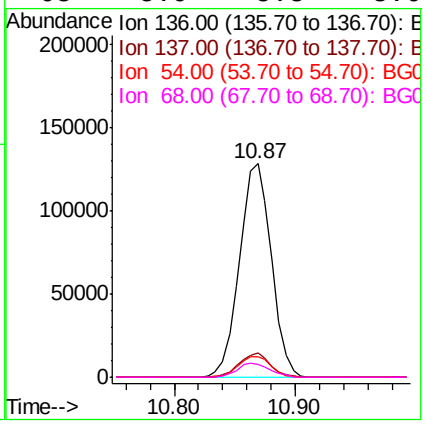


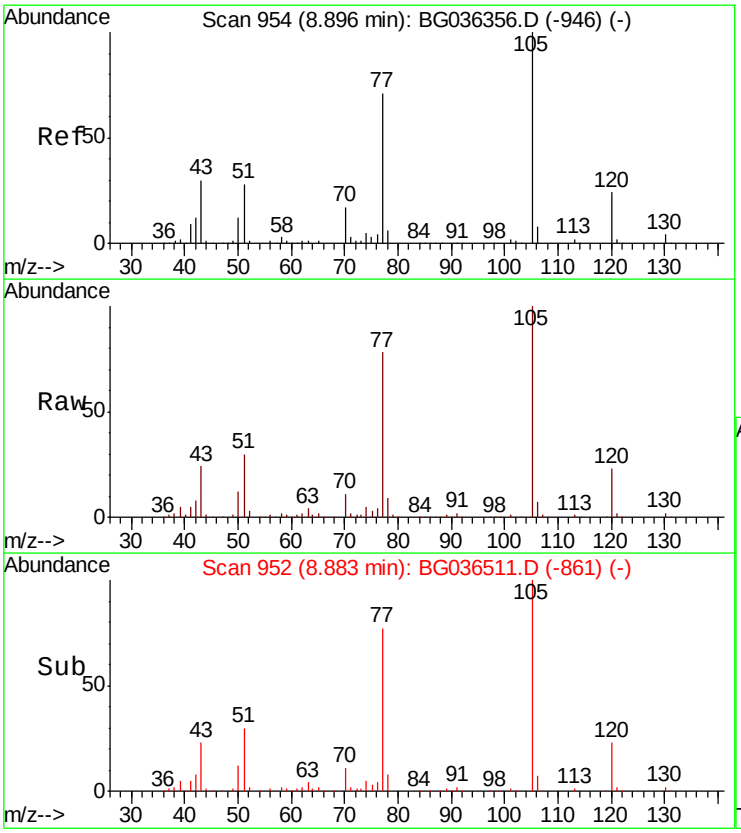
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 234664

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.9	9.2	13.8
68	5.9	5.8	8.6

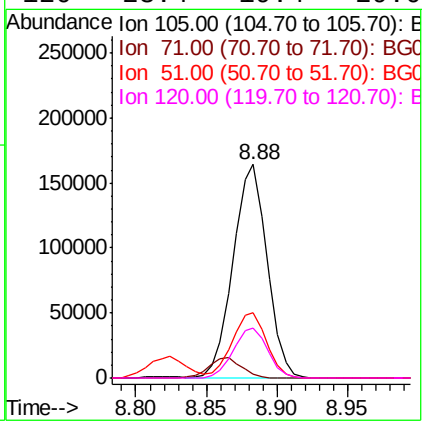


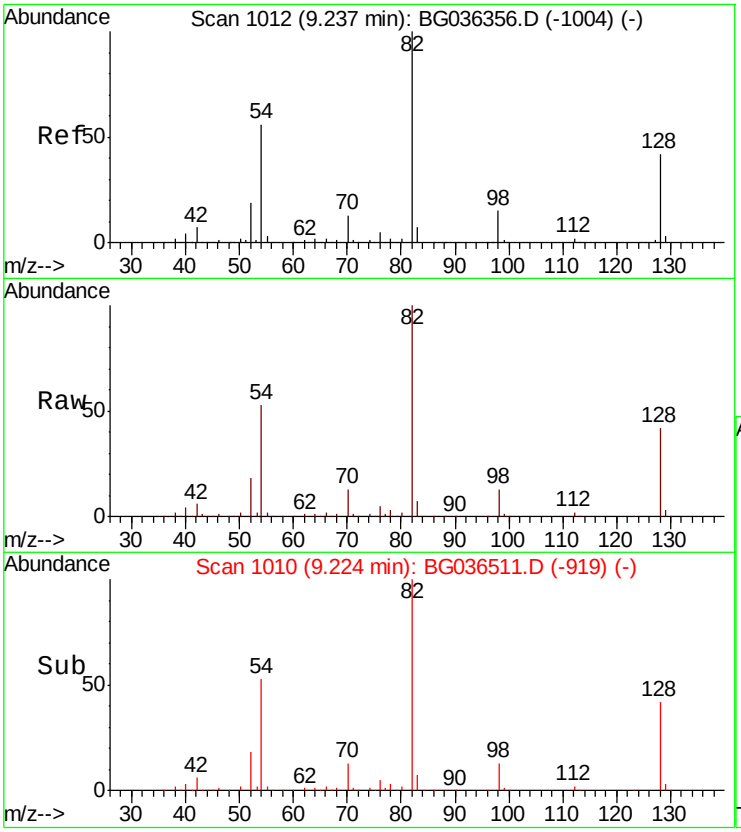


#22
Acetophenone
Concen: 44.883 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:105 Resp: 276577

Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.4	3.6#
51	30.4	25.9	38.9
120	23.4	19.4	29.0



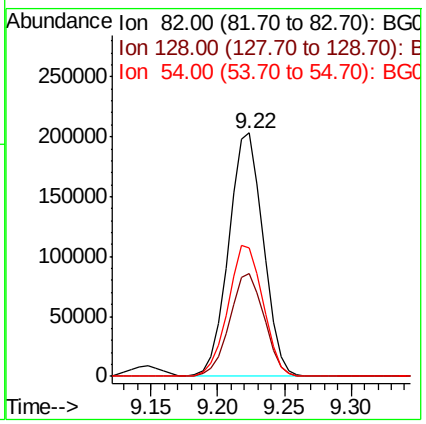


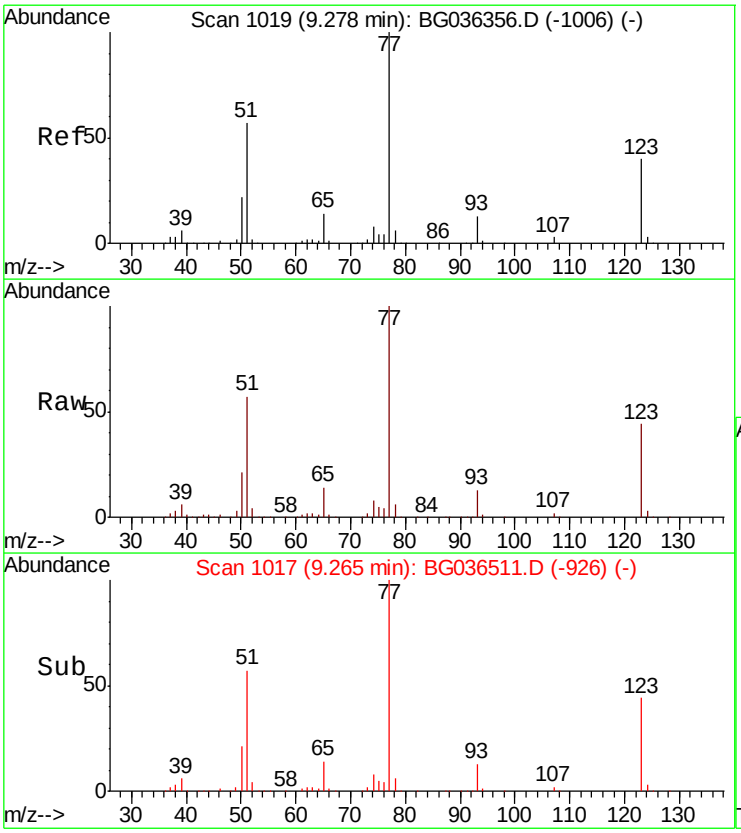
#23
Nitrobenzene-d5
Concen: 84.617 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 365974

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	52.5	45.1	67.7

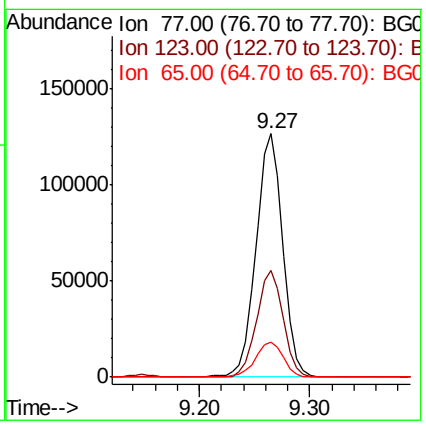


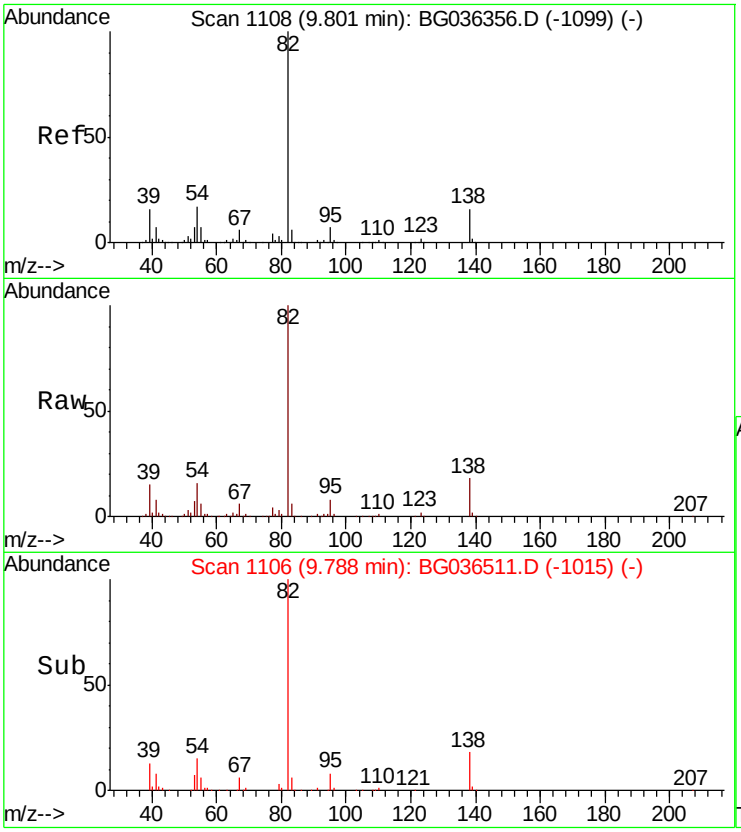


#24
Nitrobenzene
Concen: 45.887 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 77 Resp: 214009

Ion	Ratio	Lower	Upper
77	100		
123	43.6	32.4	48.6
65	14.1	11.5	17.3



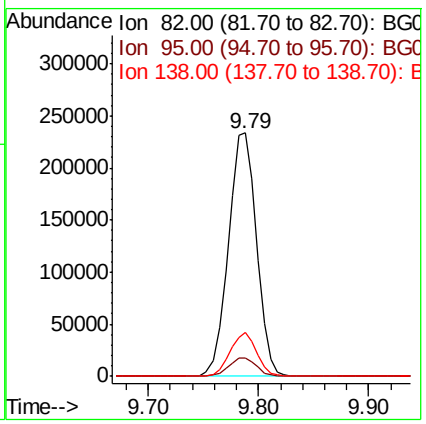


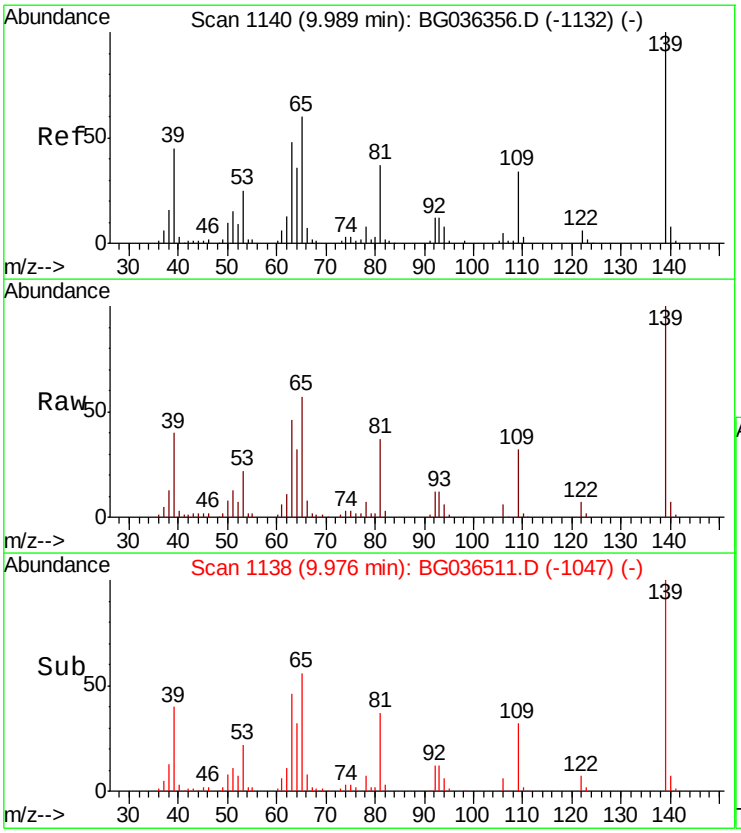
#25
Isophorone
Concen: 48.440 ng
RT: 9.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 416193

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.8
138	18.0	12.9	19.3

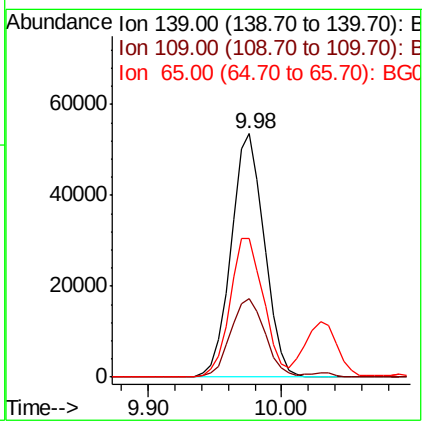


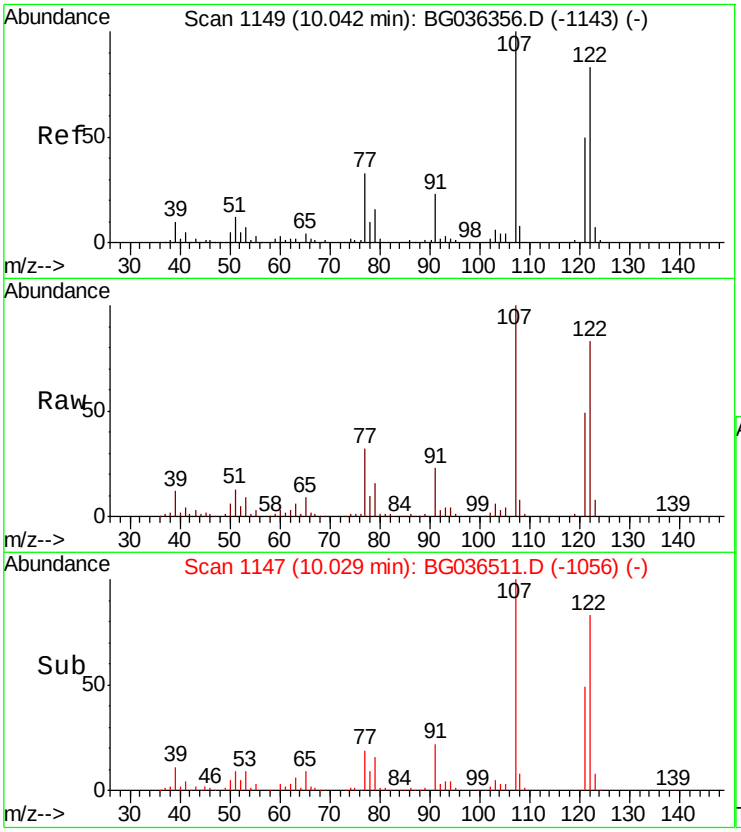


#26
2-Nitrophenol
Concen: 49.858 ng
RT: 9.98 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:139 Resp: 92144

Ion	Ratio	Lower	Upper
139	100		
109	32.4	27.4	41.0
65	56.7	47.8	71.6



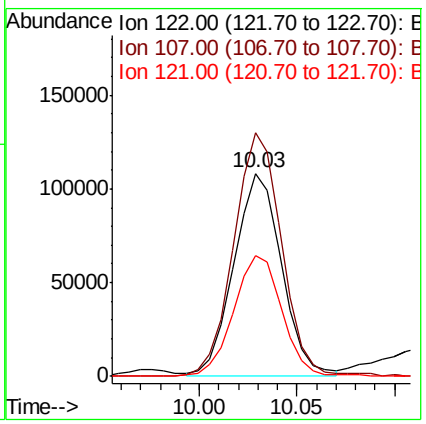


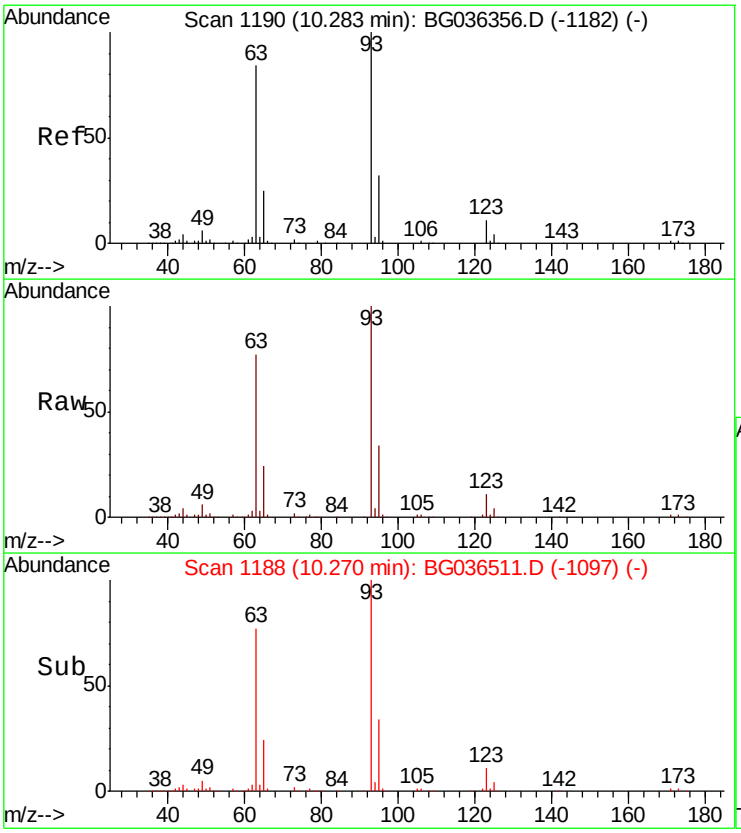
#27
2,4-Dimethylphenol
Concen: 53.248 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 182194

Ion	Ratio	Lower	Upper
122	100		
107	119.9	96.0	144.0
121	59.2	48.2	72.4

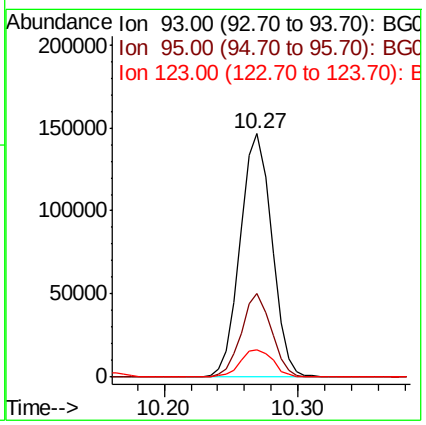


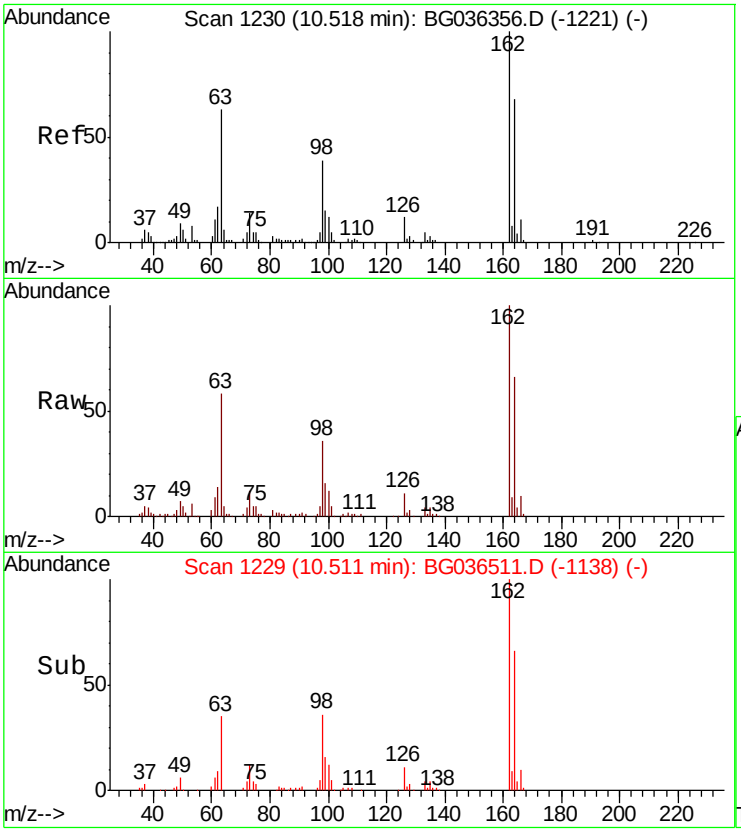


#28
bis(2-Chloroethoxy)methane
Concen: 45.467 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 93 Resp: 239753

Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.2	37.8
123	11.5	8.6	12.8



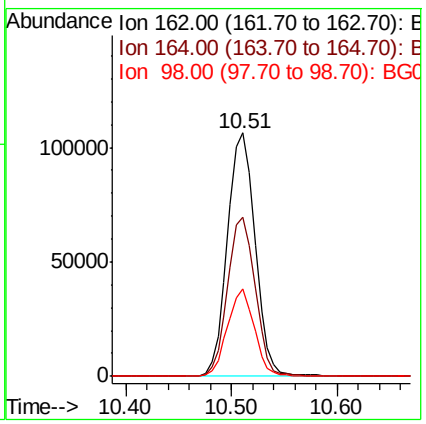


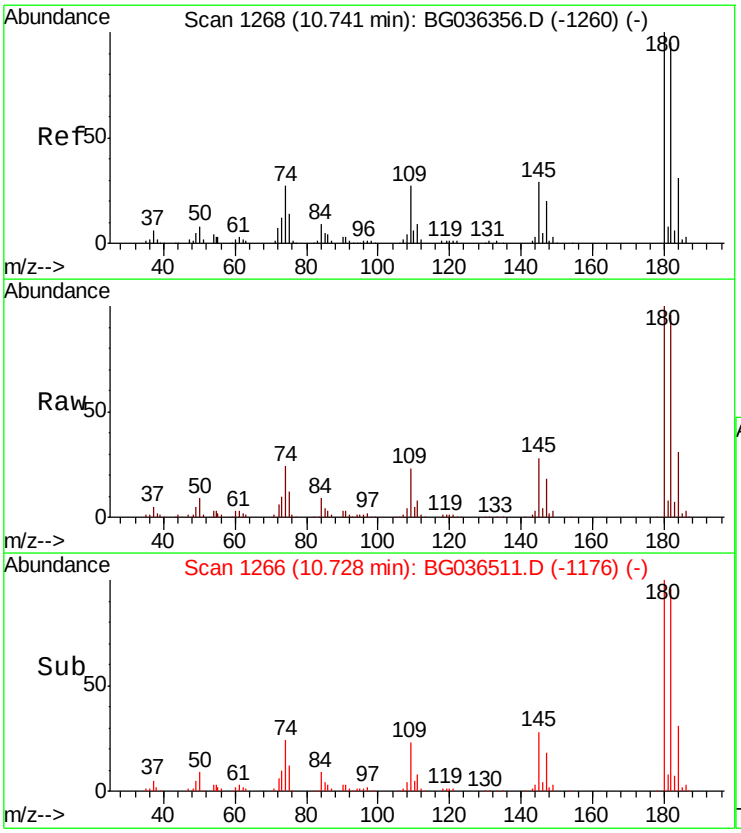
#29
2,4-Dichlorophenol
Concen: 51.517 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 193184

Ion	Ratio	Lower	Upper
162	100		
164	65.6	47.6	87.6
98	35.8	19.2	59.2

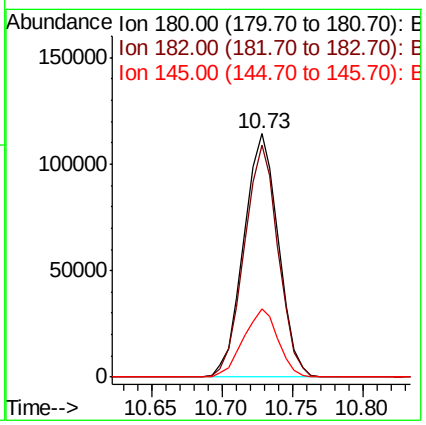


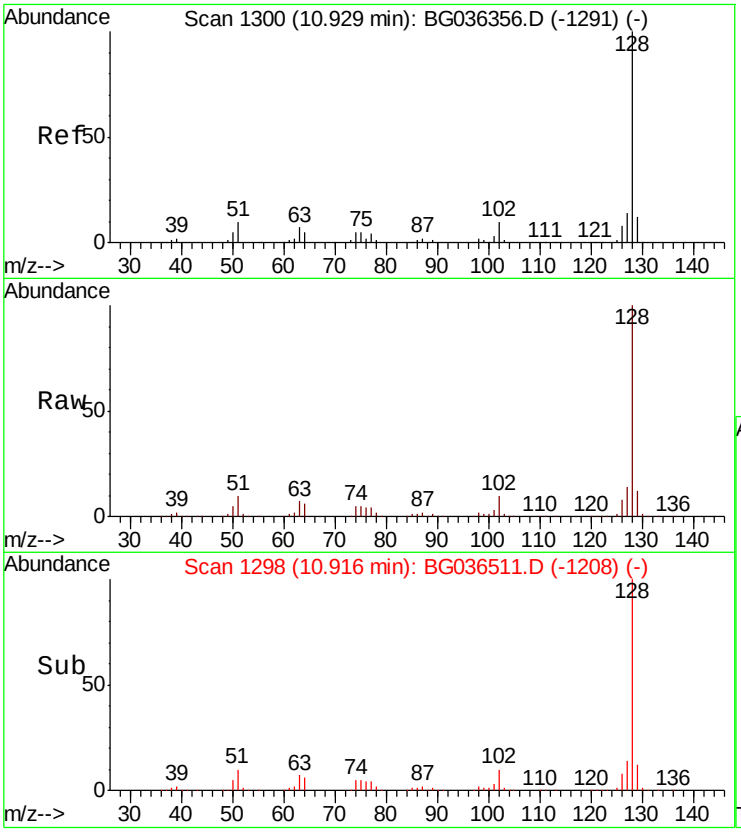


#30
1,2,4-Trichlorobenzene
Concen: 44.844 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:180 Resp: 196721

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	27.9	22.9	34.3



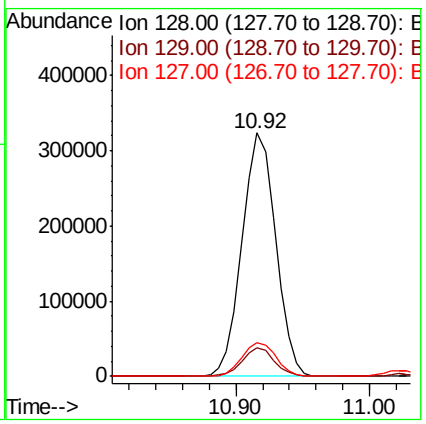


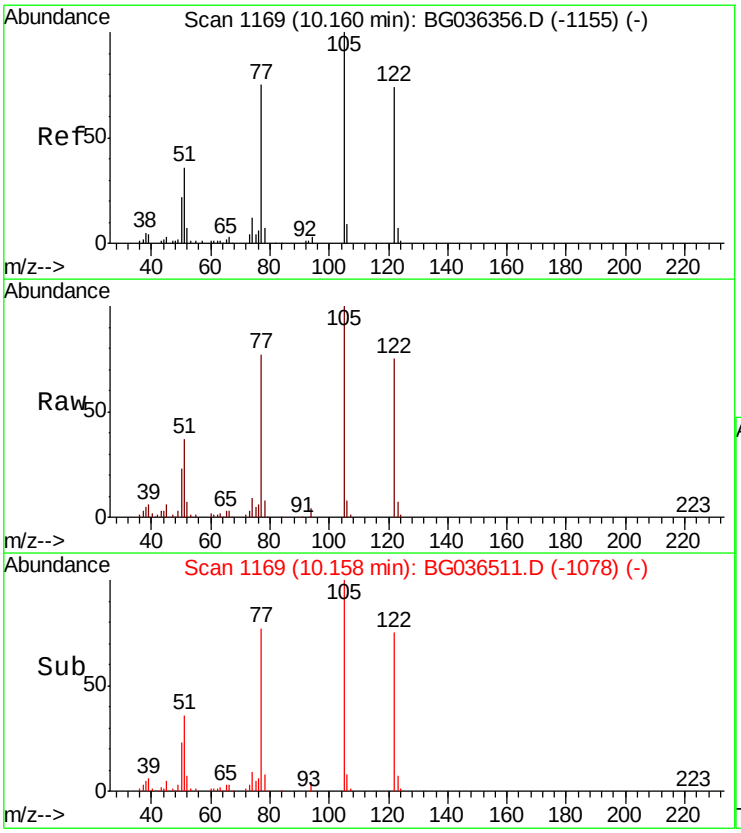
#31
Naphthalene
Concen: 48.002 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 563091

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.7	11.0	16.4

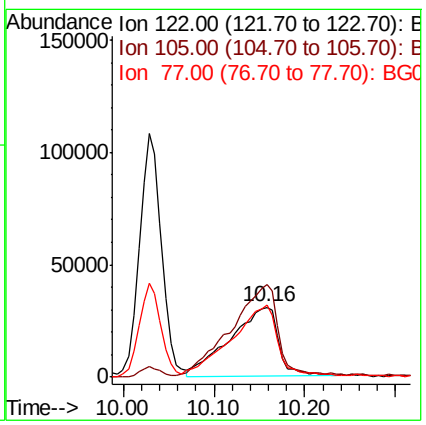


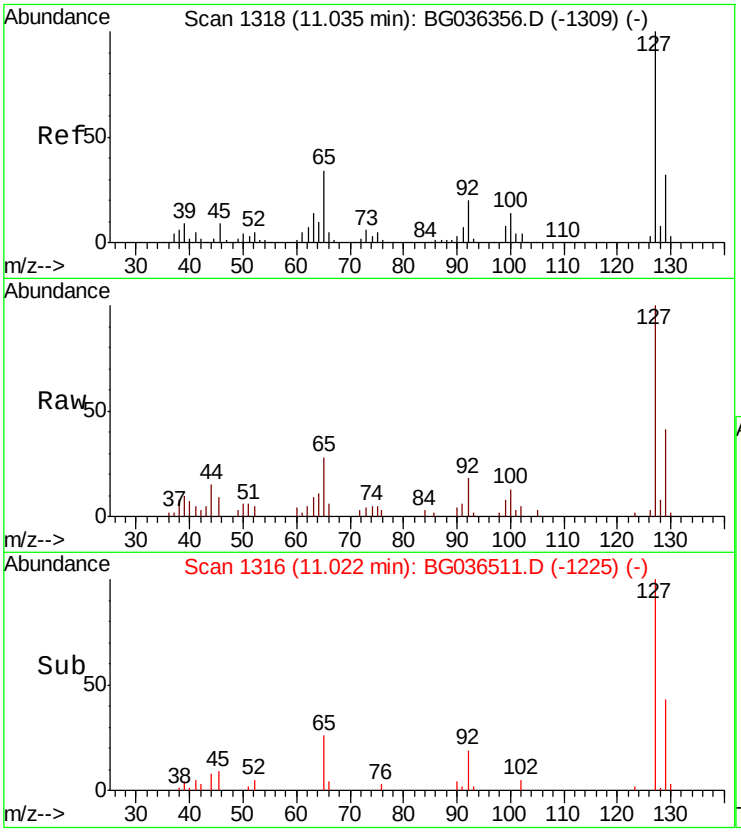


#32
Benzoic acid
Concen: 44.336 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:122 Resp: 111512

Ion	Ratio	Lower	Upper
122	100		
105	133.4	108.1	148.1
77	102.7	76.3	116.3



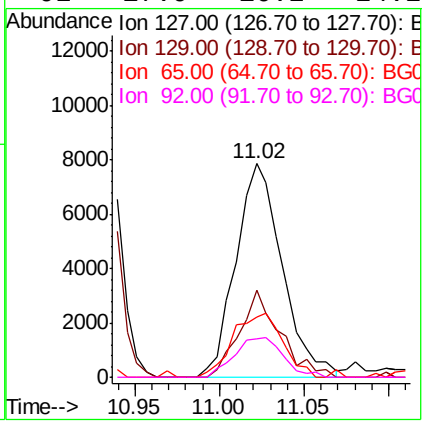


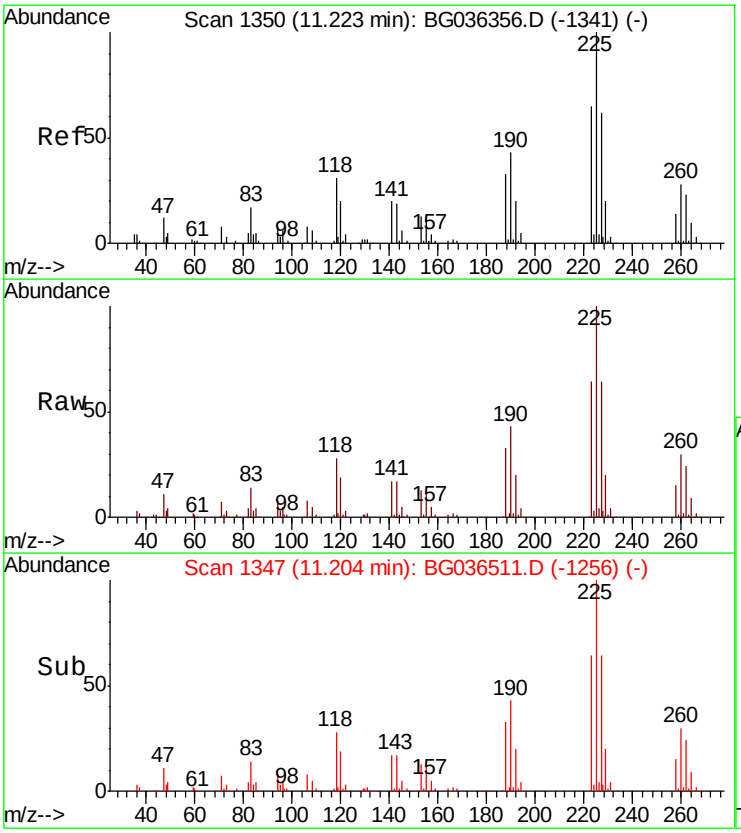
#33
4-Chloroaniline
Concen: 2.792 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 15006

Ion	Ratio	Lower	Upper
127	100		
129	40.7	25.9	38.9#
65	28.4	27.5	41.3
92	17.9	16.2	24.2

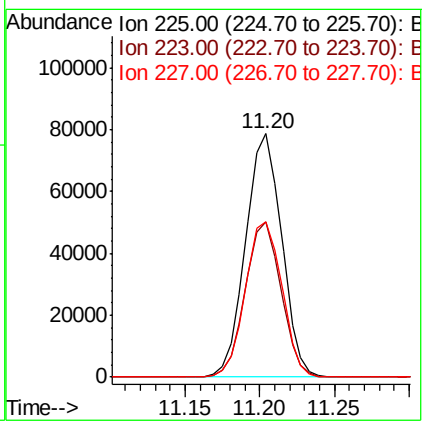


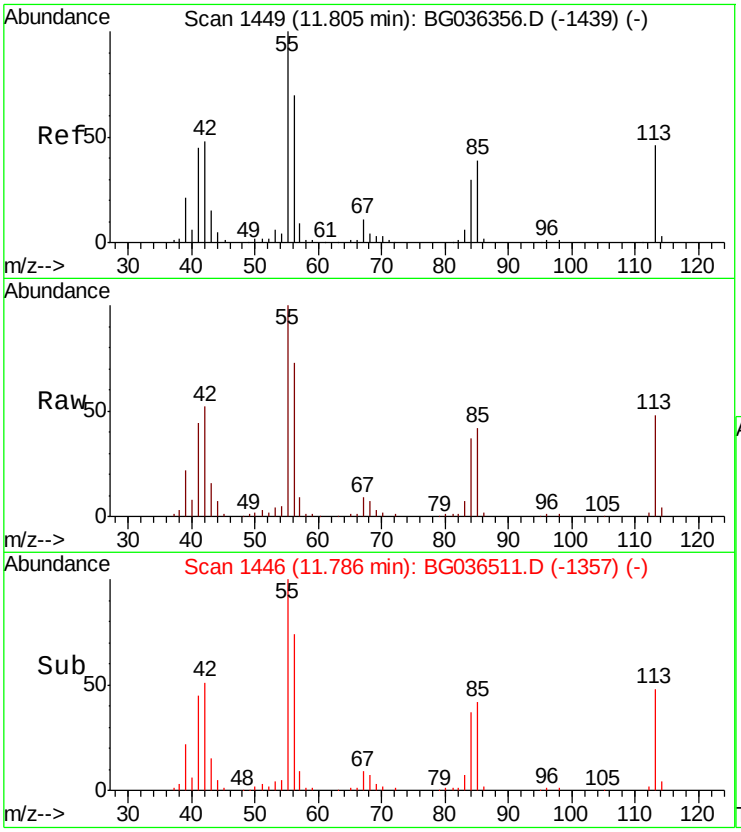


#34
Hexachlorobutadiene
Concen: 44.465 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:225 Resp: 131056

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.8	77.8
227	63.6	49.8	74.6



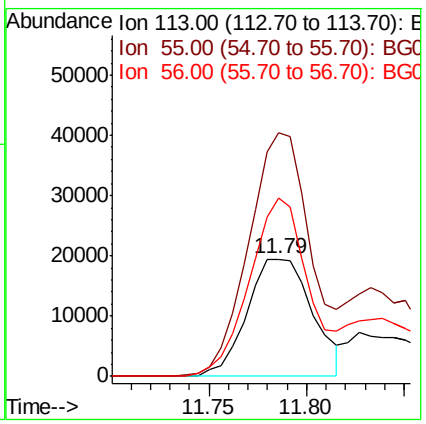


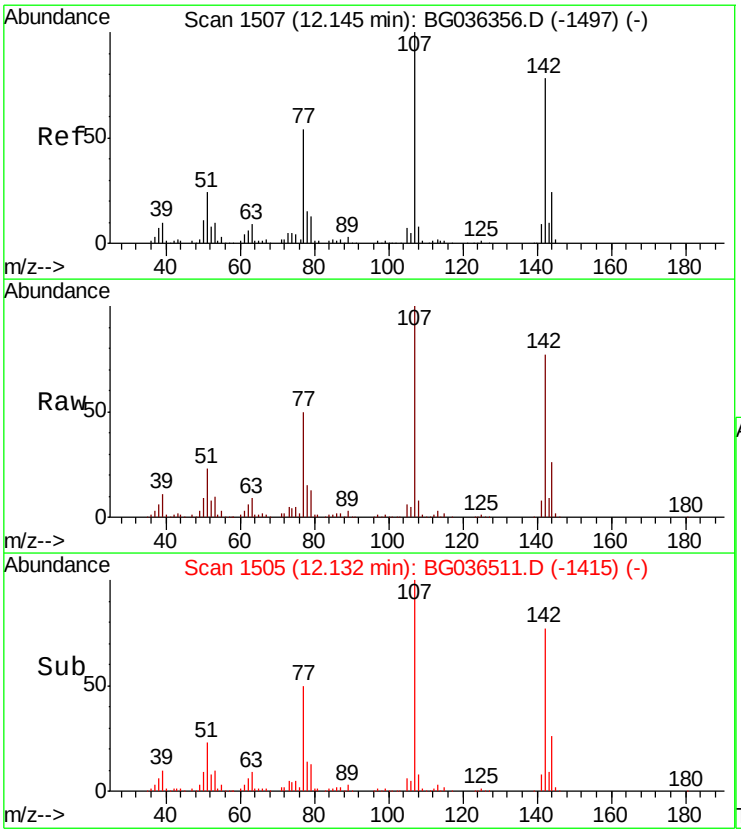
#35
Caprolactam
Concen: 30.147 ng
RT: 11.79 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 45034

Ion	Ratio	Lower	Upper
113	100		
55	207.7	197.7	237.7
56	152.5	131.7	171.7

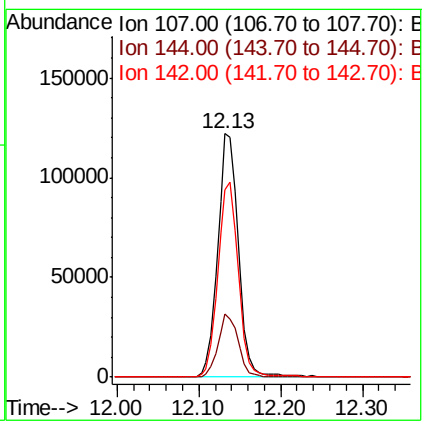


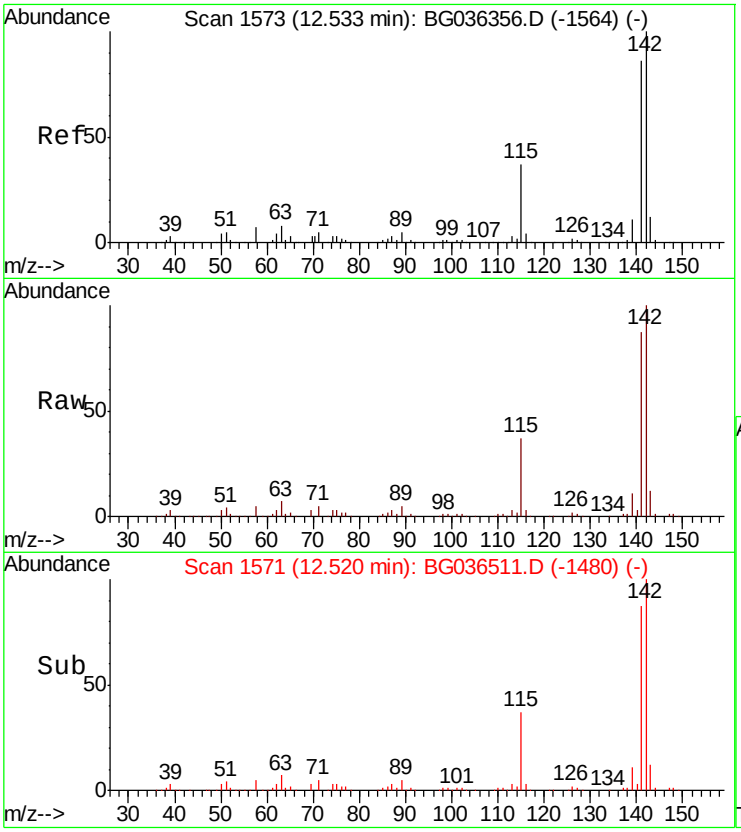


#36
4-Chloro-3-methylphenol
Concen: 49.184 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:107 Resp: 214304

Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.5	29.3
142	76.9	62.4	93.6



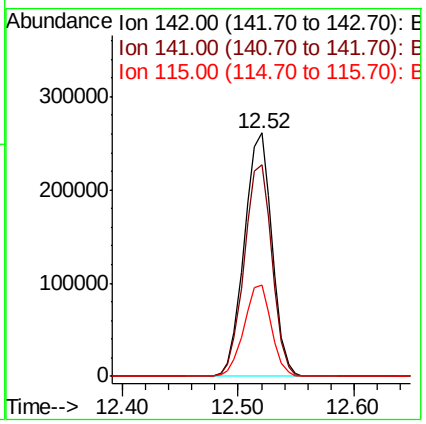


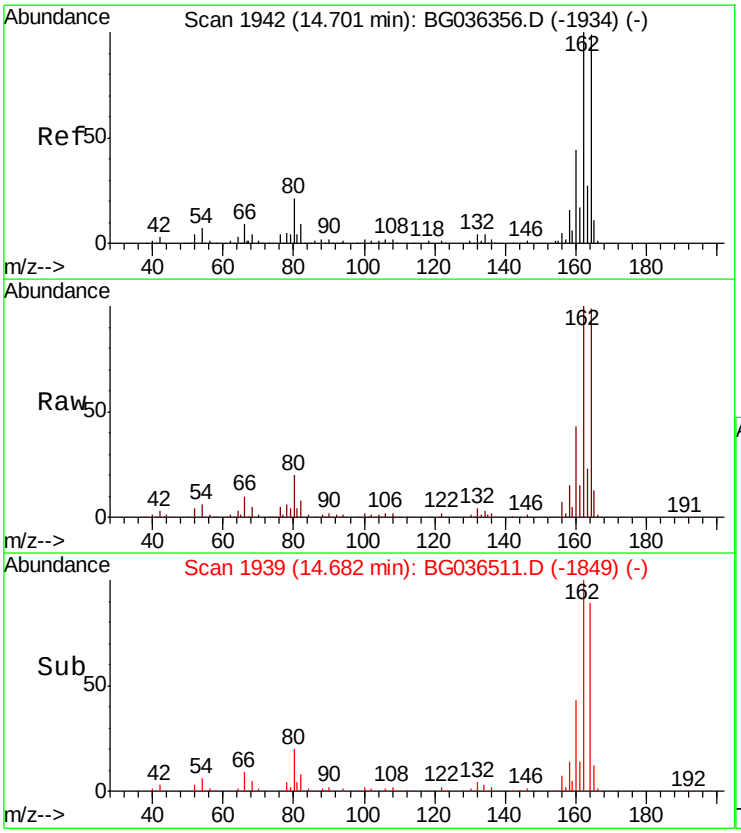
#37
2-Methylnaphthalene
Concen: 50.505 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 433505

Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.5	102.7
115	37.4	29.8	44.8

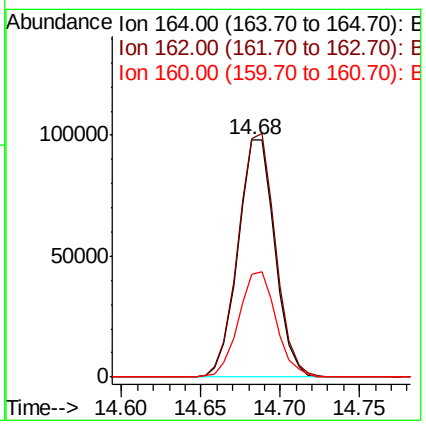


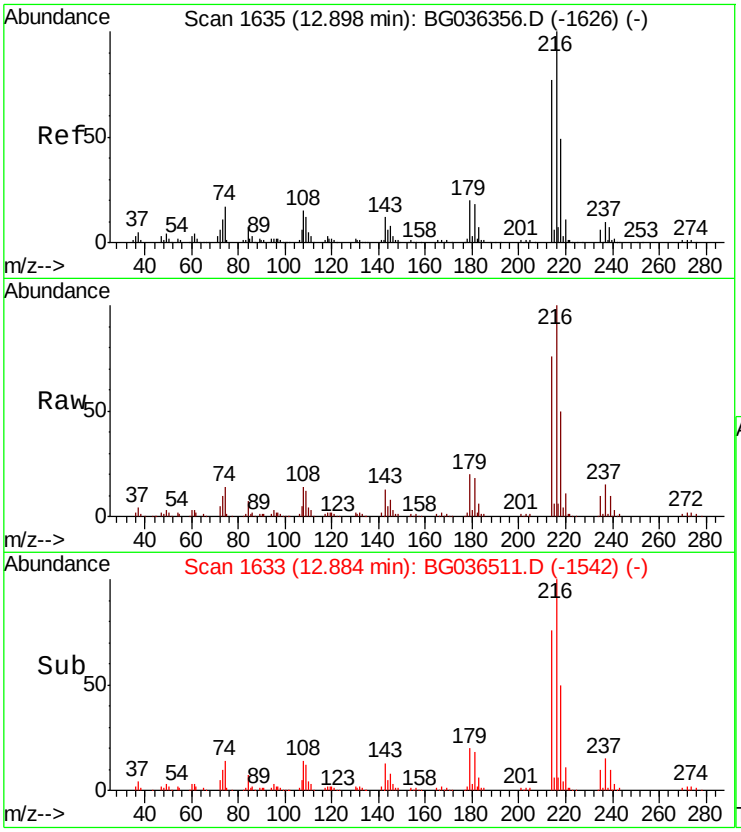


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:164 Resp: 157596

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	43.2	35.3	52.9



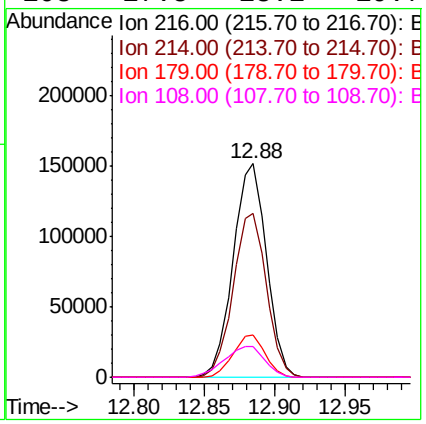


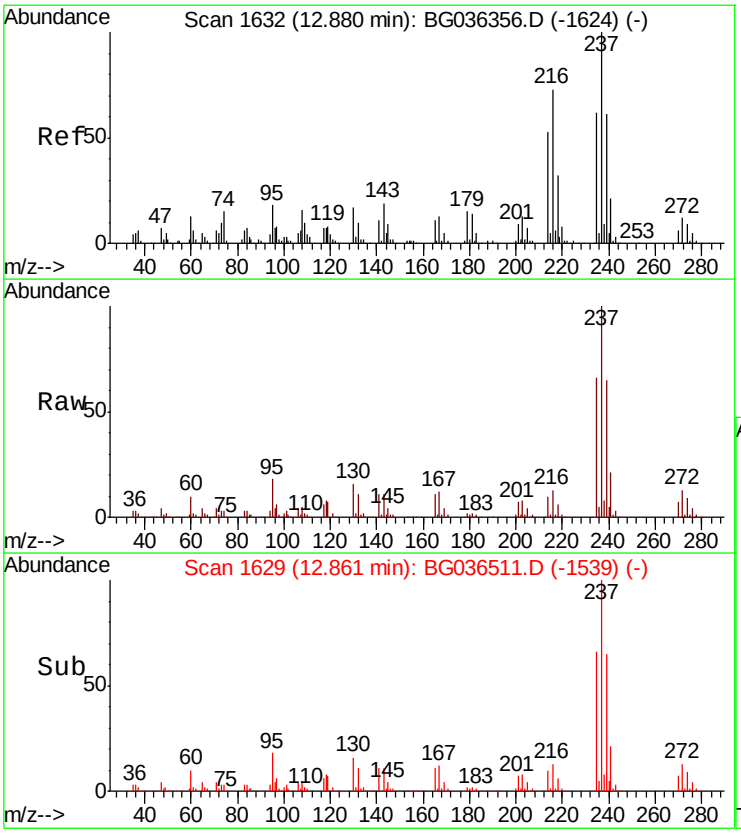
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.832 ng
RT: 12.88 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 250034

Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.0	91.6
179	19.0	15.7	23.5
108	17.5	13.1	19.7

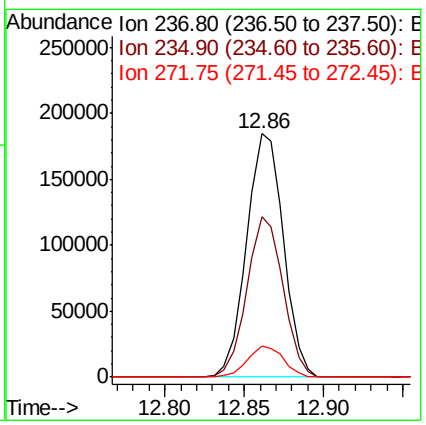


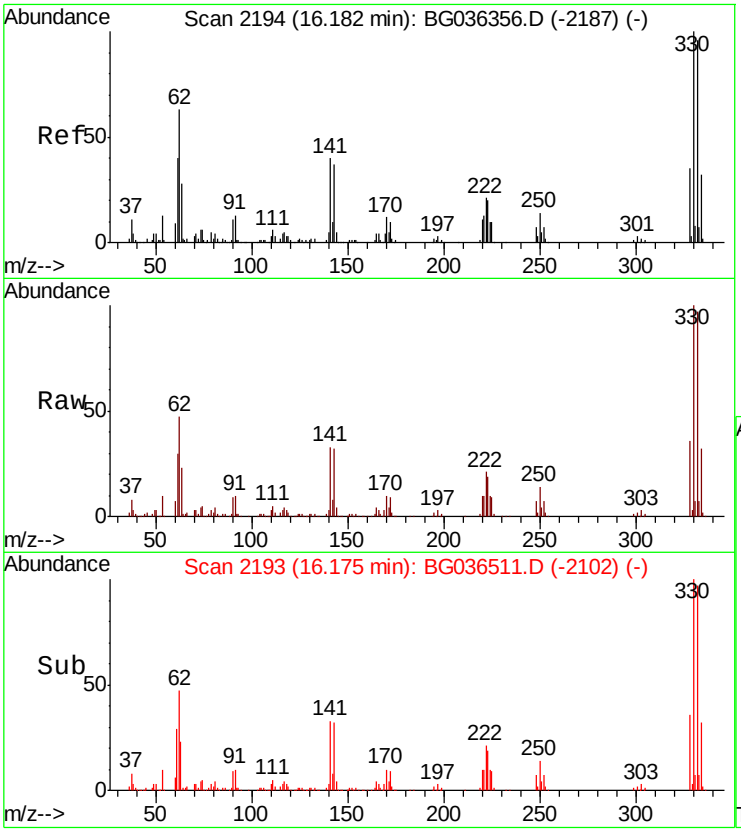


#40
Hexachlorocyclopentadiene
Concen: 102.905 ng
RT: 12.86 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:237 Resp: 298609

Ion	Ratio	Lower	Upper
237	100		
235	66.0	42.2	82.2
272	12.6	0.0	32.1



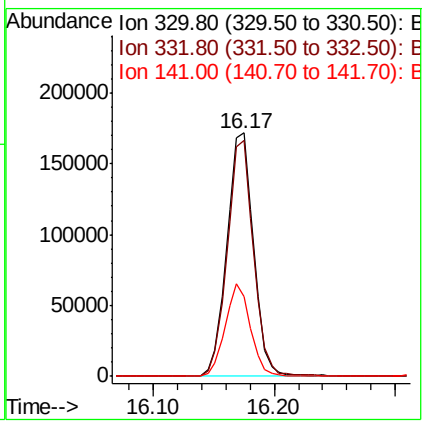


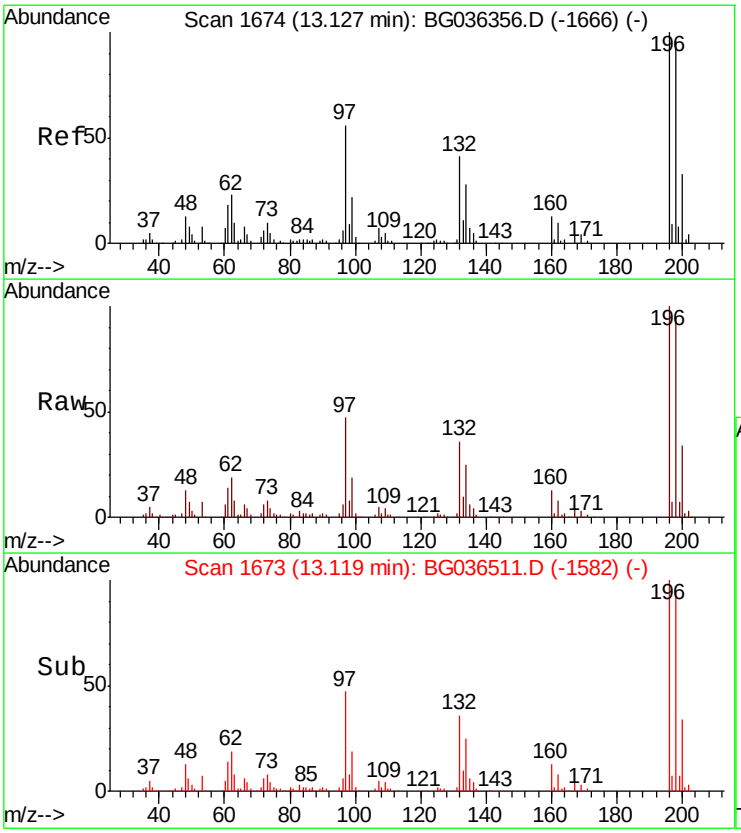
#41
2,4,6-Tribromophenol
Concen: 139.947 ng
RT: 16.17 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 263166

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	36.1	30.7	46.1

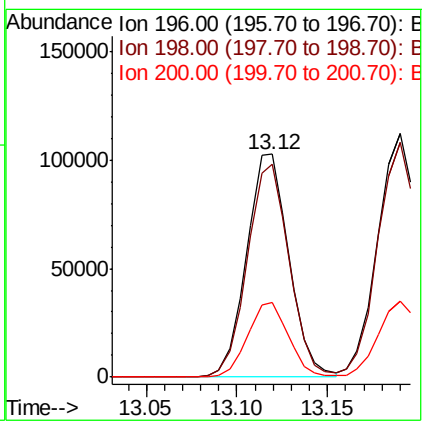


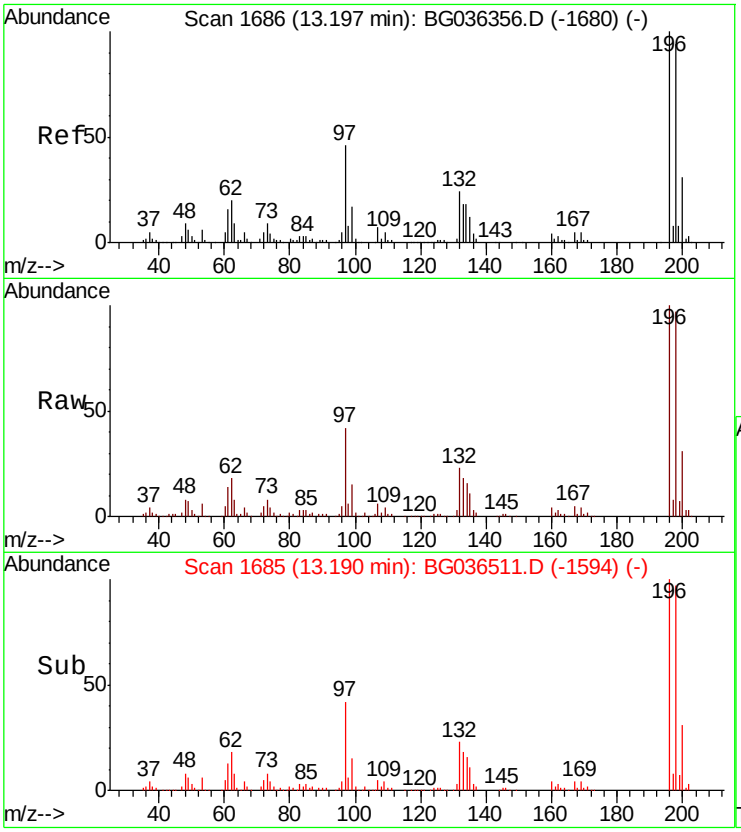


#42
2,4,6-Trichlorophenol
Concen: 49.036 ng
RT: 13.12 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:196 Resp: 166592

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
200	33.7	26.3	39.5



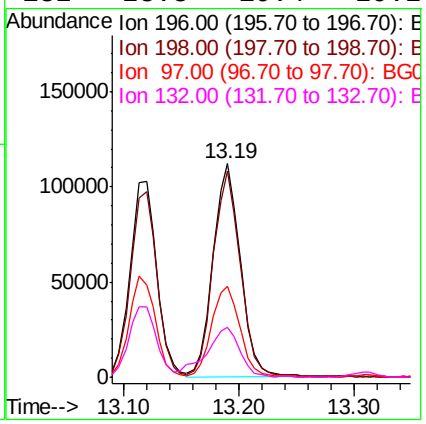


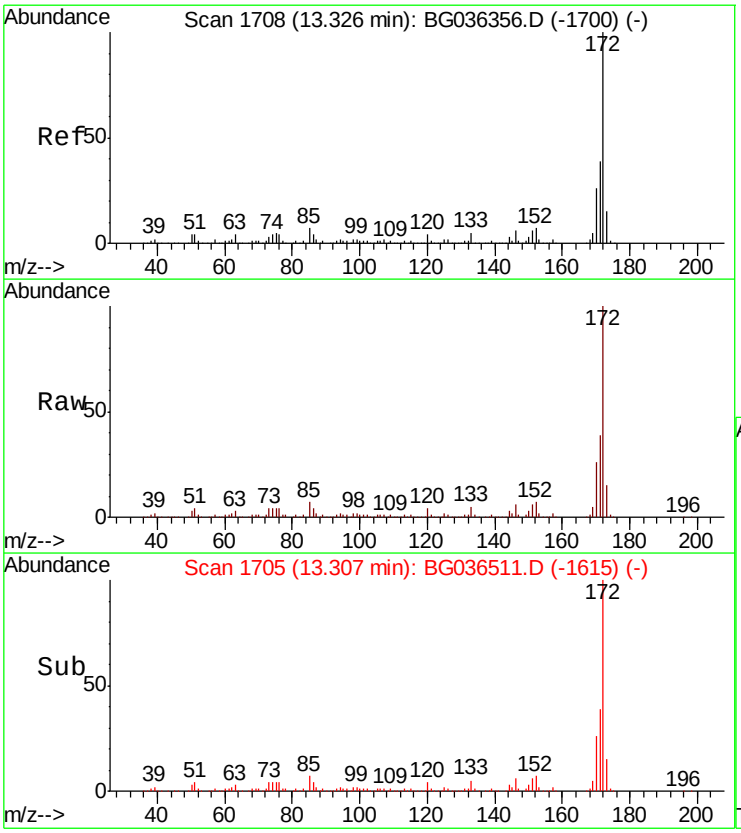
#43
2,4,5-Trichlorophenol
Concen: 50.587 ng
RT: 13.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 183306

Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.6	113.4
97	42.5	37.2	55.8
132	23.3	19.4	29.2

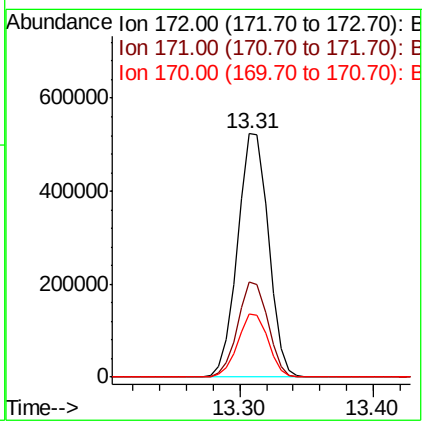


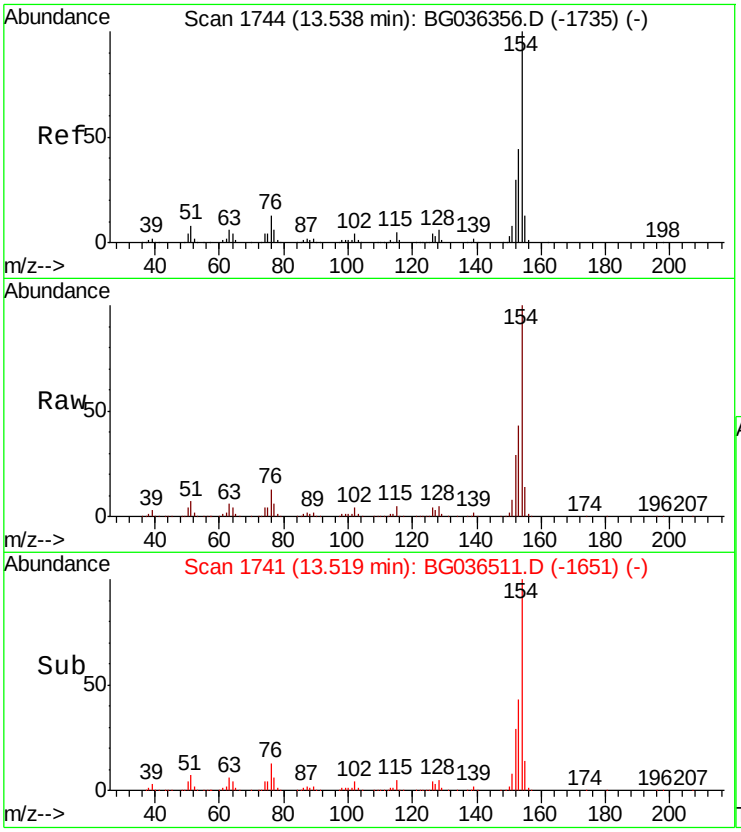


#44
2-Fluorobiphenyl
Concen: 75.842 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:172 Resp: 837107

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	25.7	21.0	31.6



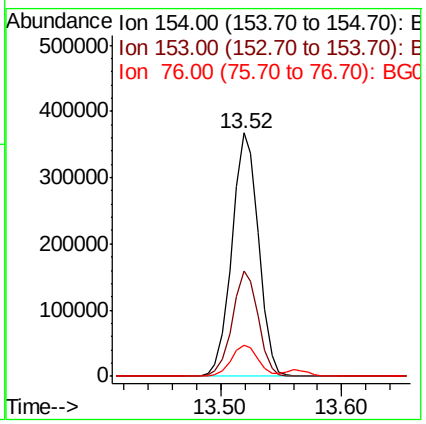


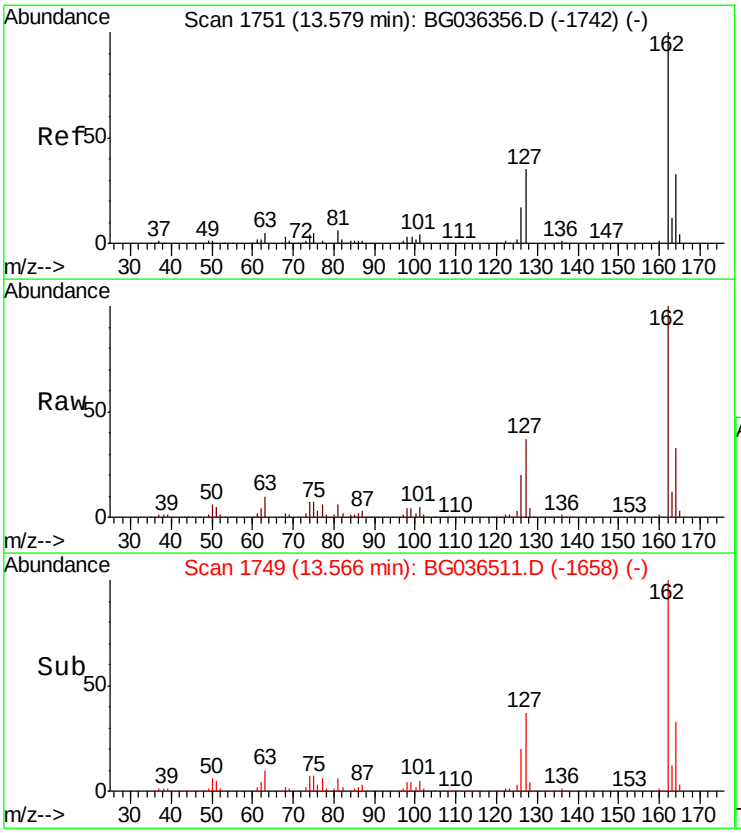
#45
1,1'-Biphenyl
Concen: 43.020 ng
RT: 13.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 562778

Ion	Ratio	Lower	Upper
154	100		
153	43.4	24.0	64.0
76	12.7	0.0	32.9

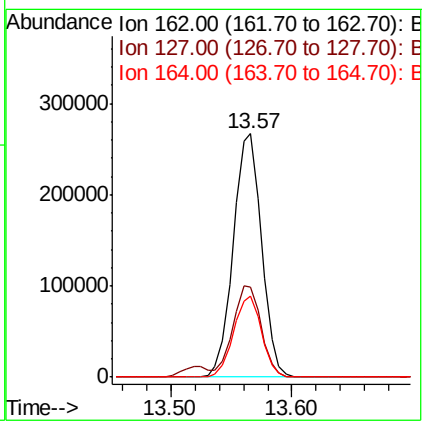


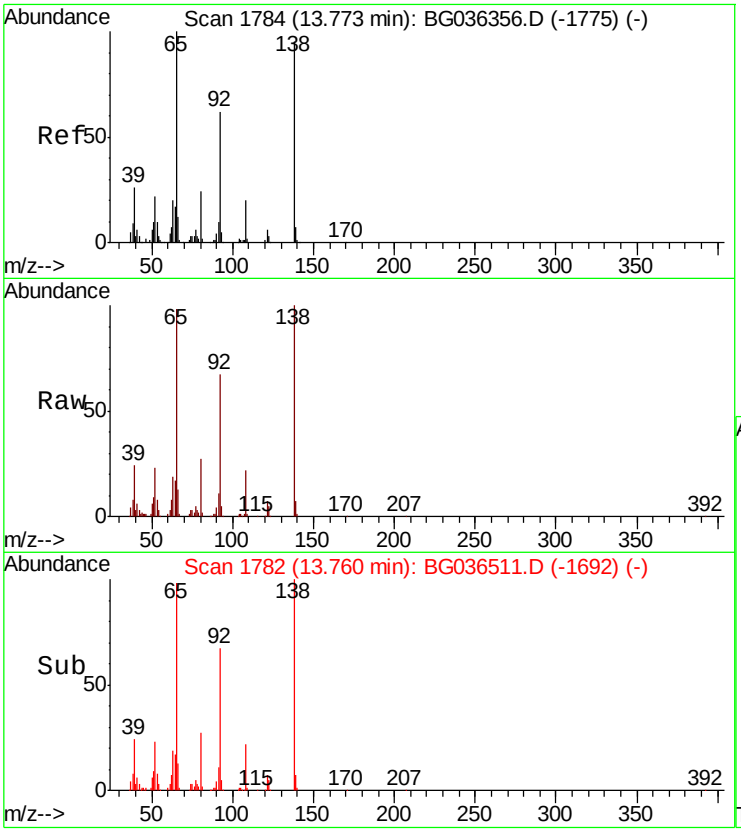


#46
2-Chloronaphthalene
Concen: 43.579 ng
RT: 13.57 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:162 Resp: 435217

Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.7	46.1
164	33.4	26.7	40.1



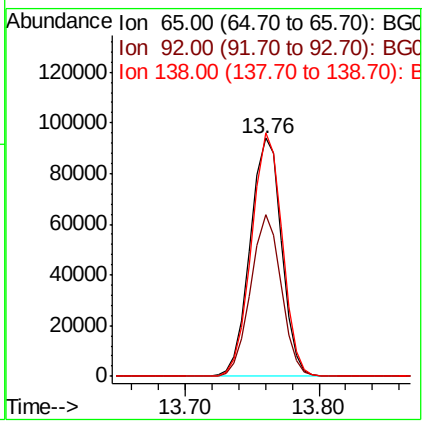


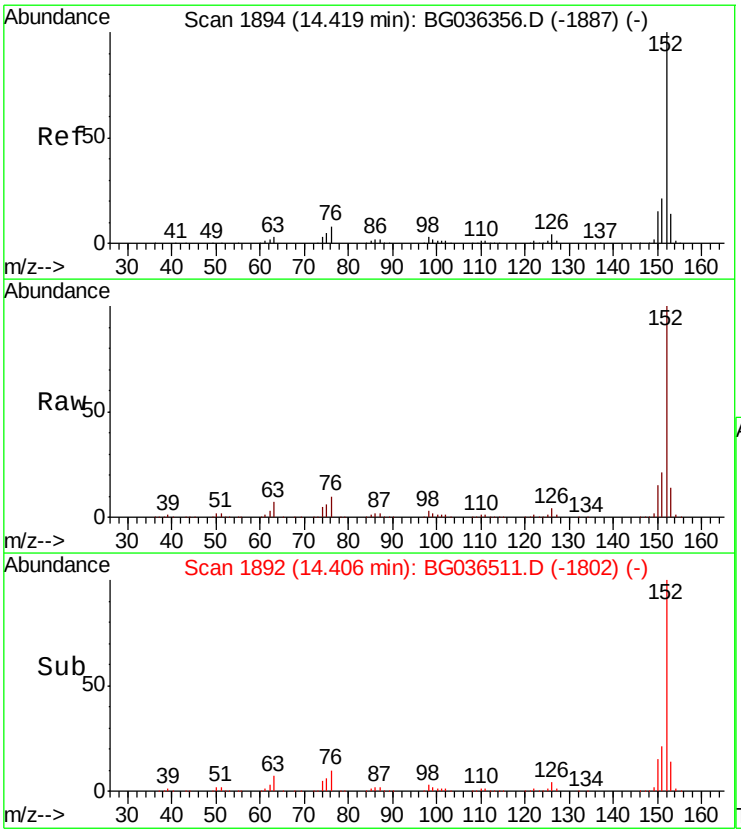
#47
2-Nitroaniline
Concen: 48.454 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 151953

Ion	Ratio	Lower	Upper
65	100		
92	68.0	49.9	74.9
138	102.2	76.2	114.4

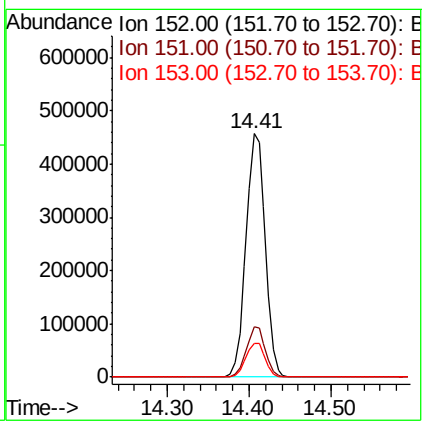


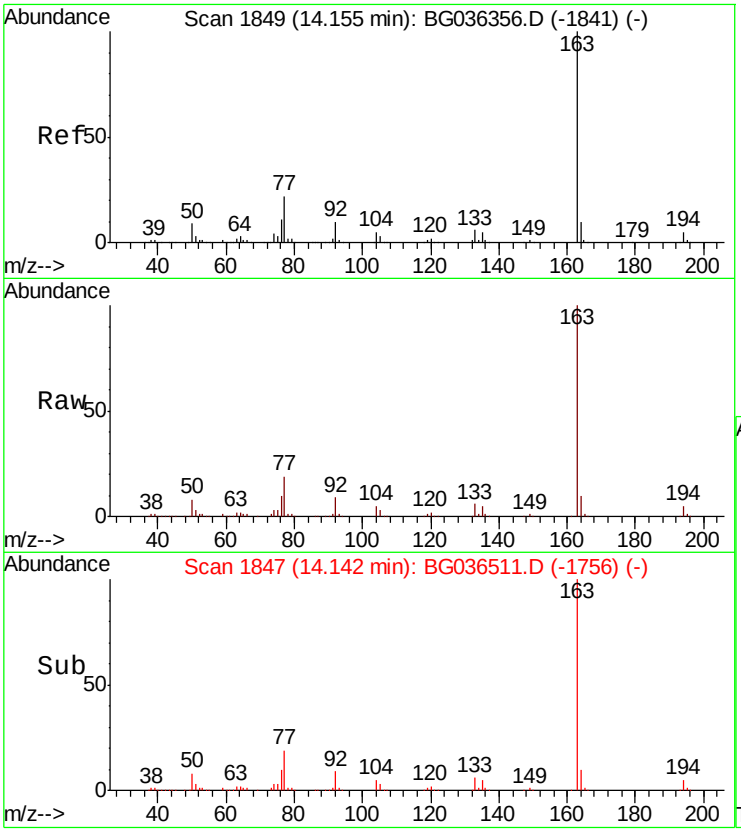


#48
Acenaphthylene
Concen: 47.975 ng
RT: 14.41 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:152 Resp: 748787

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.8	11.2	16.8



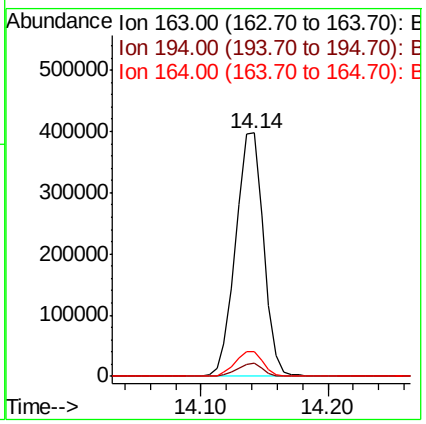


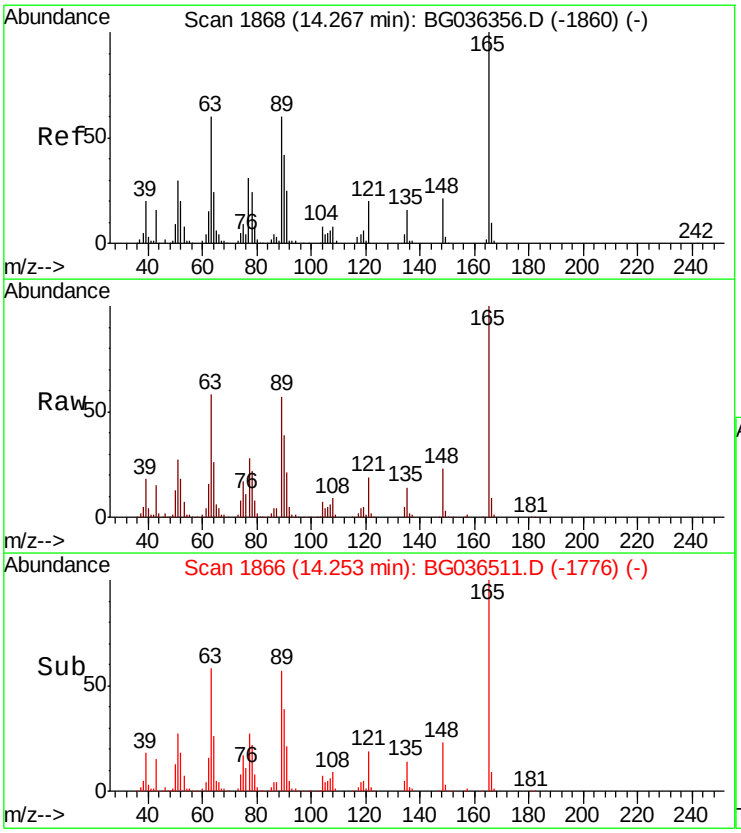
#49
Dimethylphthalate
Concen: 46.902 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 603563

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.0	6.0
164	10.1	8.1	12.1

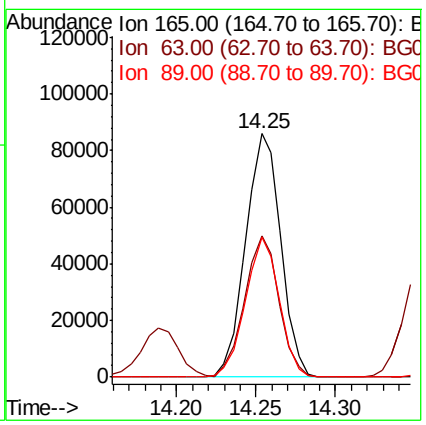


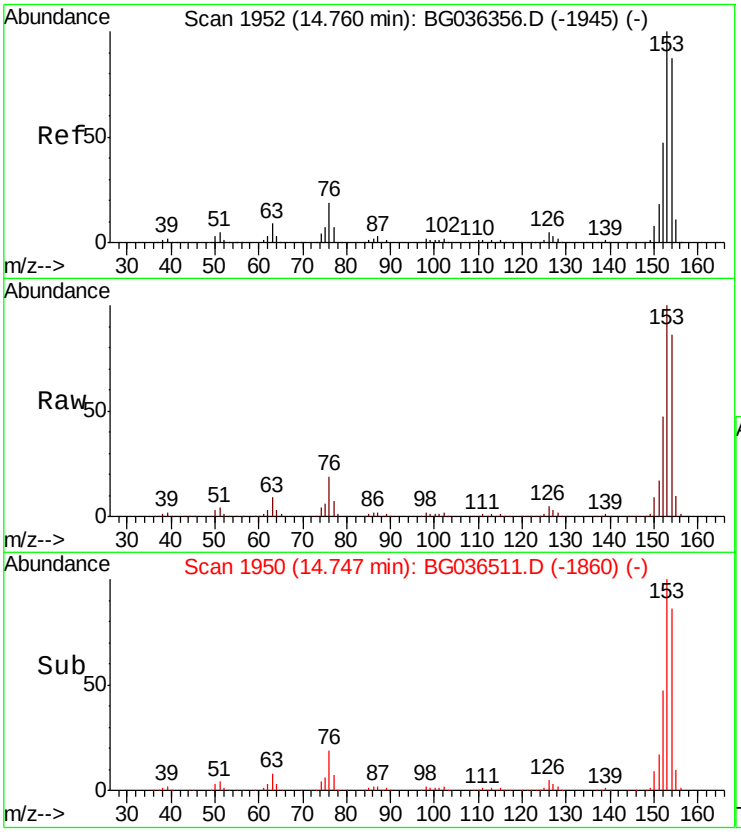


#50
2,6-Dinitrotoluene
Concen: 50.055 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:165 Resp: 132546

Ion	Ratio	Lower	Upper
165	100		
63	57.9	50.1	75.1
89	57.4	47.8	71.6



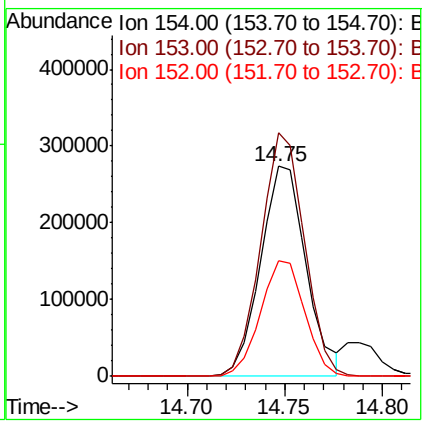


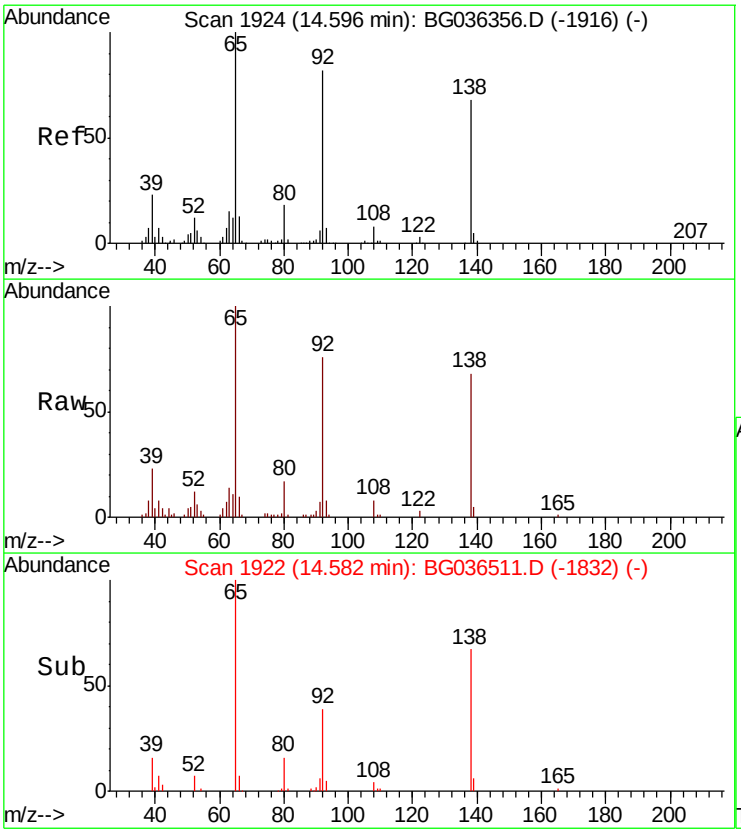
#51
Acenaphthene
Concen: 44.309 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 442910

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.8	137.6
152	54.9	43.5	65.3

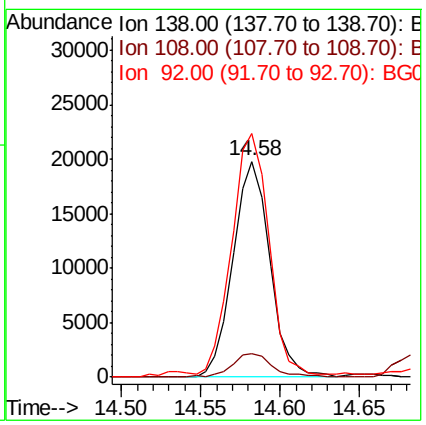


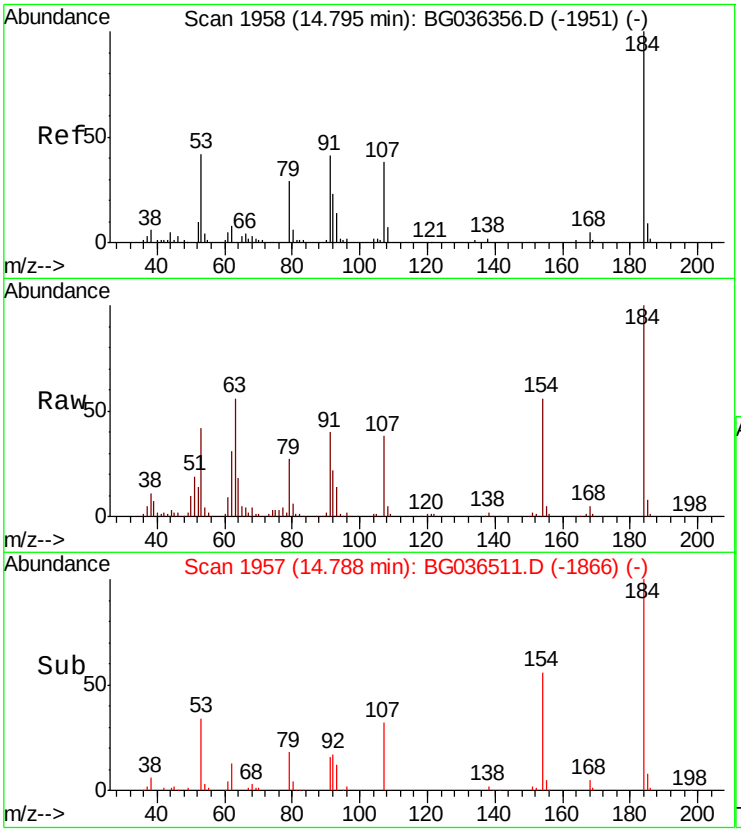


#52
3-Nitroaniline
Concen: 11.194 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:138 Resp: 31944

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.2
92	112.8	96.8	145.2



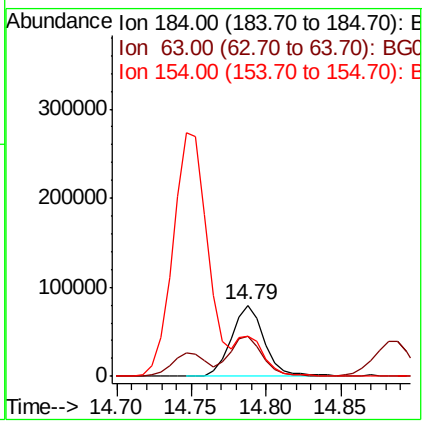


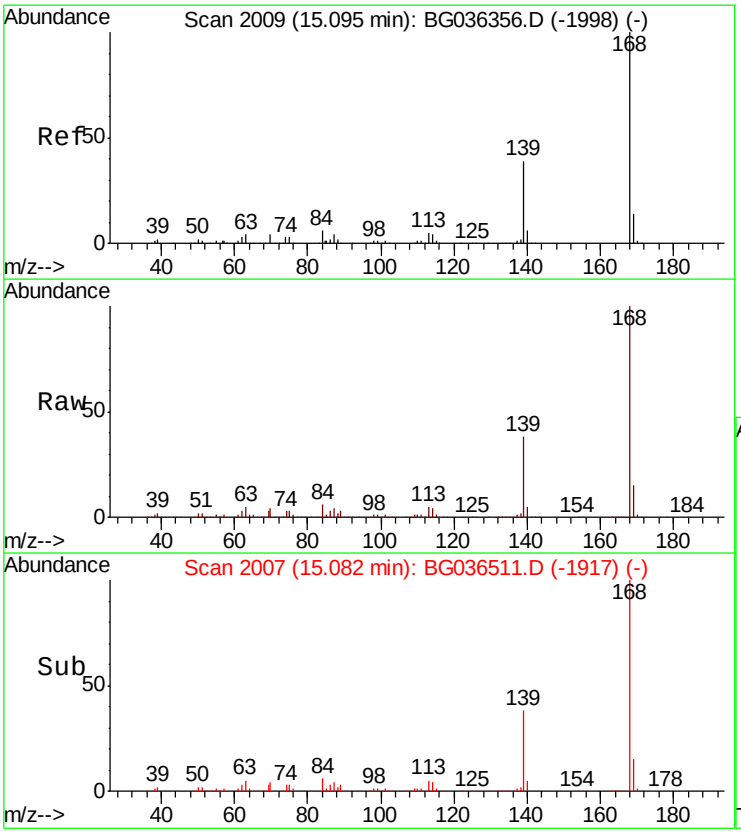
#53
2,4-Dinitrophenol
Concen: 122.149 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 122516

Ion	Ratio	Lower	Upper
184	100		
63	56.3	47.3	70.9
154	55.7	51.1	76.7

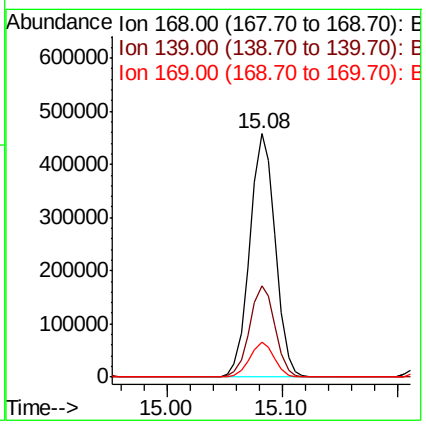


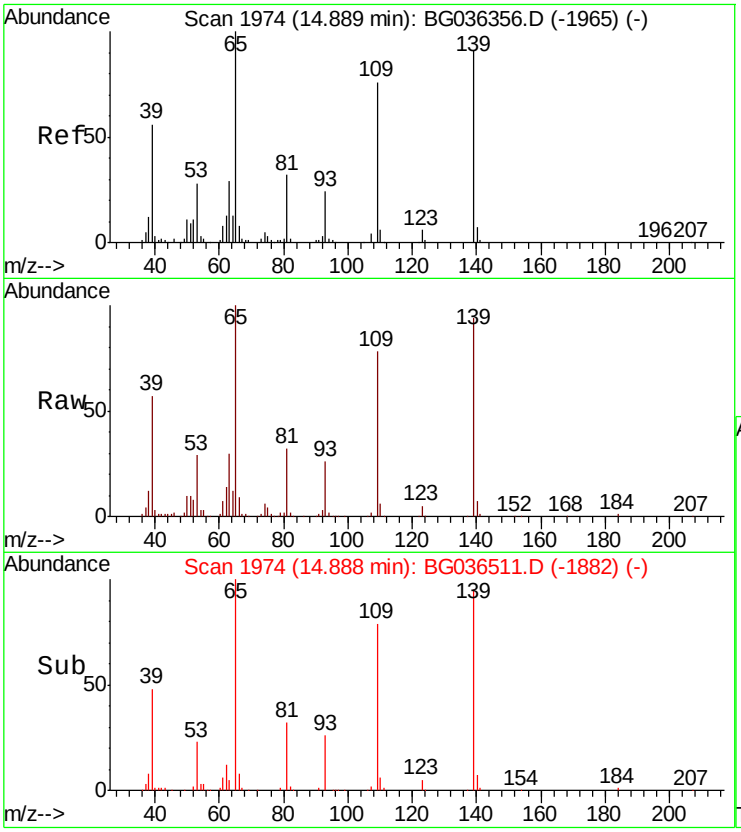


#54
Dibenzofuran
Concen: 44.912 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:168 Resp: 703326

Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.0	46.6
169	14.6	11.1	16.7



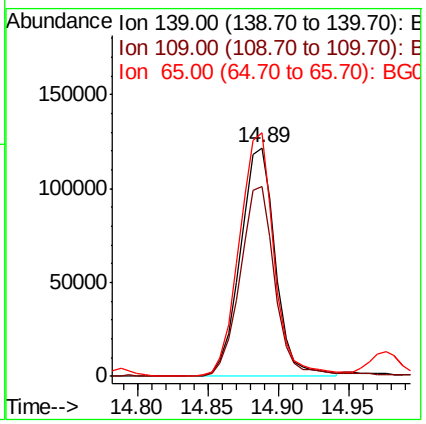


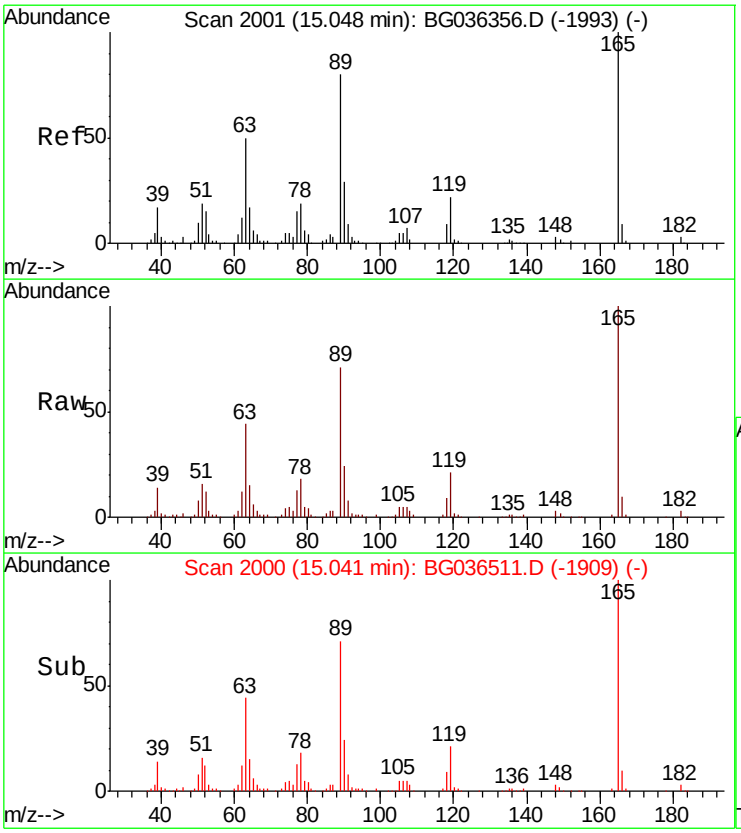
#55
4-Nitrophenol
Concen: 90.727 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 211682

Ion	Ratio	Lower	Upper
139	100		
109	82.9	63.9	103.9
65	106.5	90.0	130.0

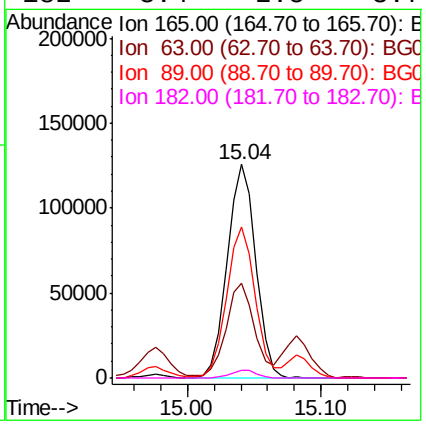


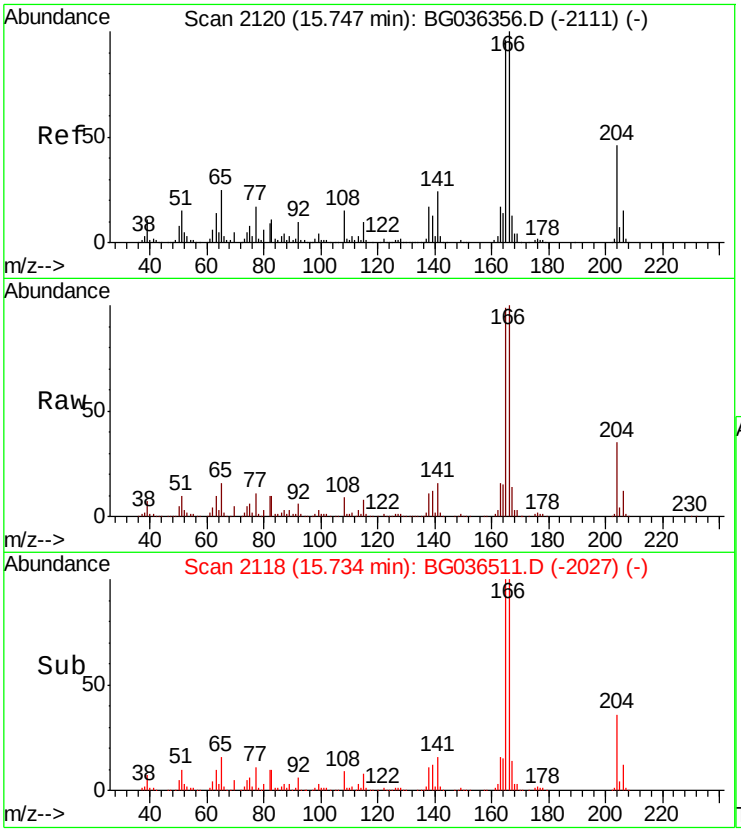


#56
2,4-Dinitrotoluene
Concen: 54.303 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:165 Resp: 187408

Ion	Ratio	Lower	Upper
165	100		
63	44.1	40.1	60.1
89	71.0	63.7	95.5
182	3.4	2.5	3.7



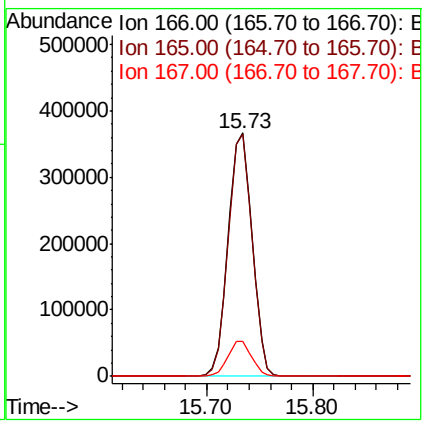


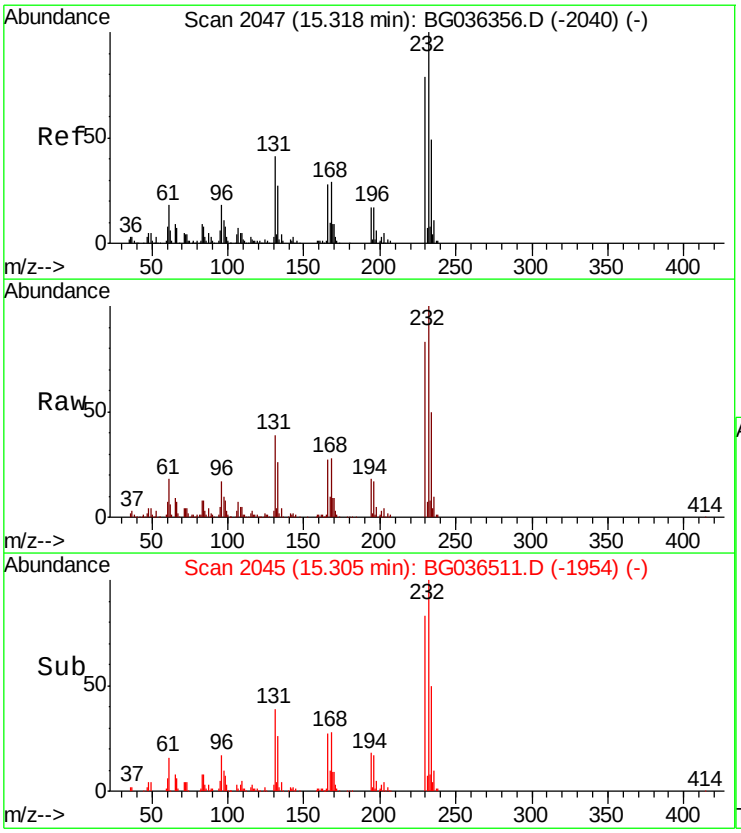
#57
Fluorene
Concen: 49.041 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 574128

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.0	115.4
167	14.2	10.6	16.0

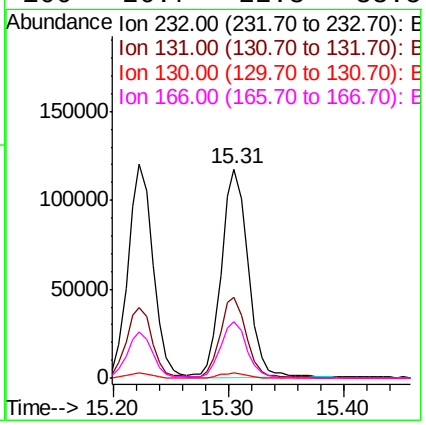


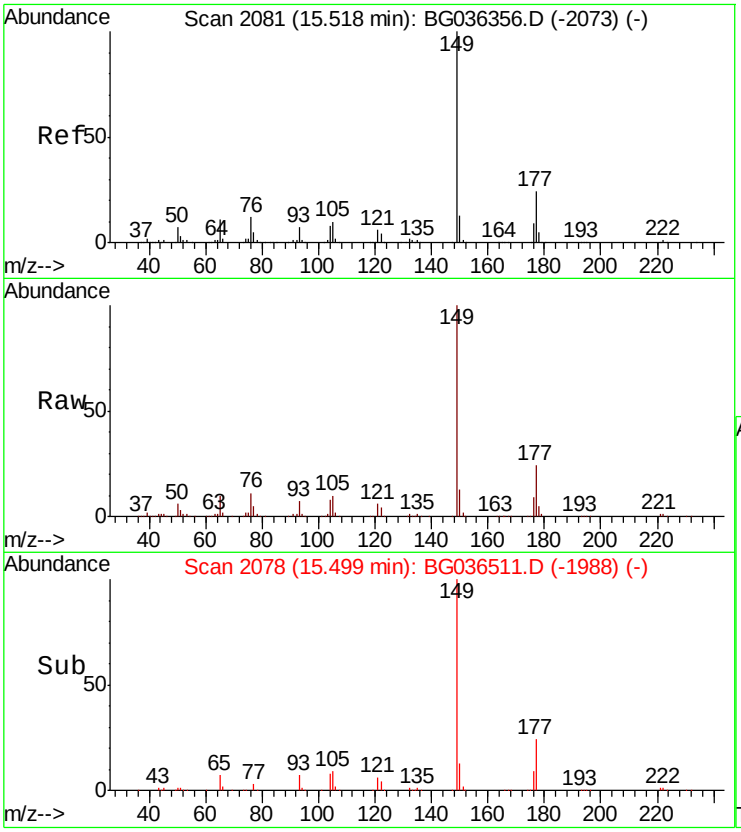


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.537 ng
RT: 15.31 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:232 Resp: 185672

Ion	Ratio	Lower	Upper
232	100		
131	38.3	33.8	50.8
130	2.3	2.1	3.1
166	26.7	22.3	33.5



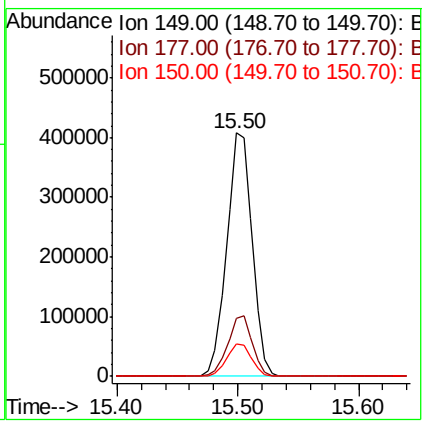


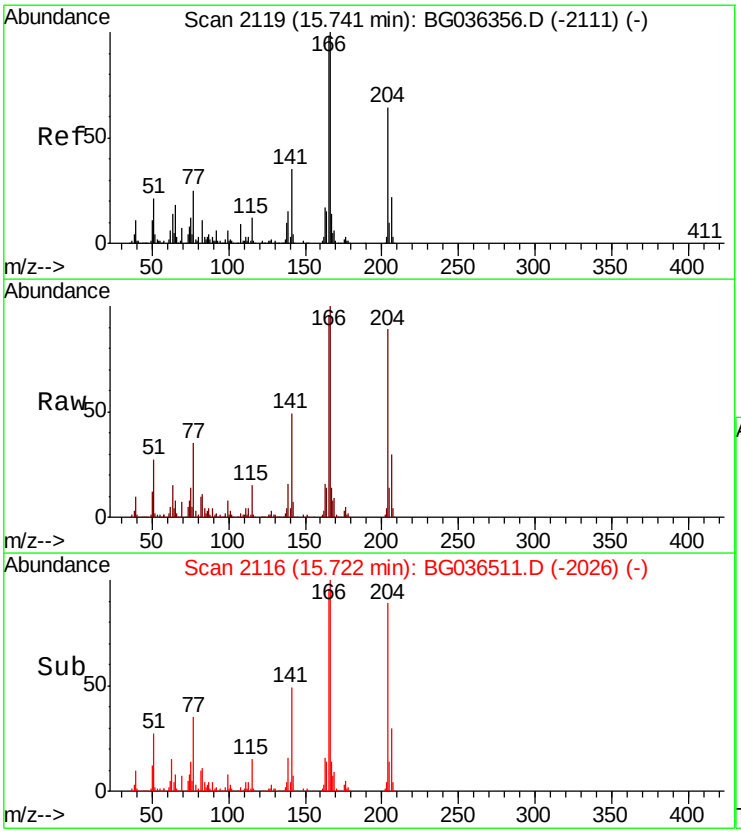
#59
Diethylphthalate
Concen: 45.863 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 594785

Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	13.2	10.7	16.1

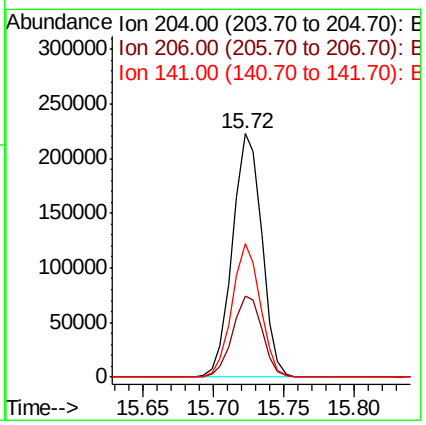


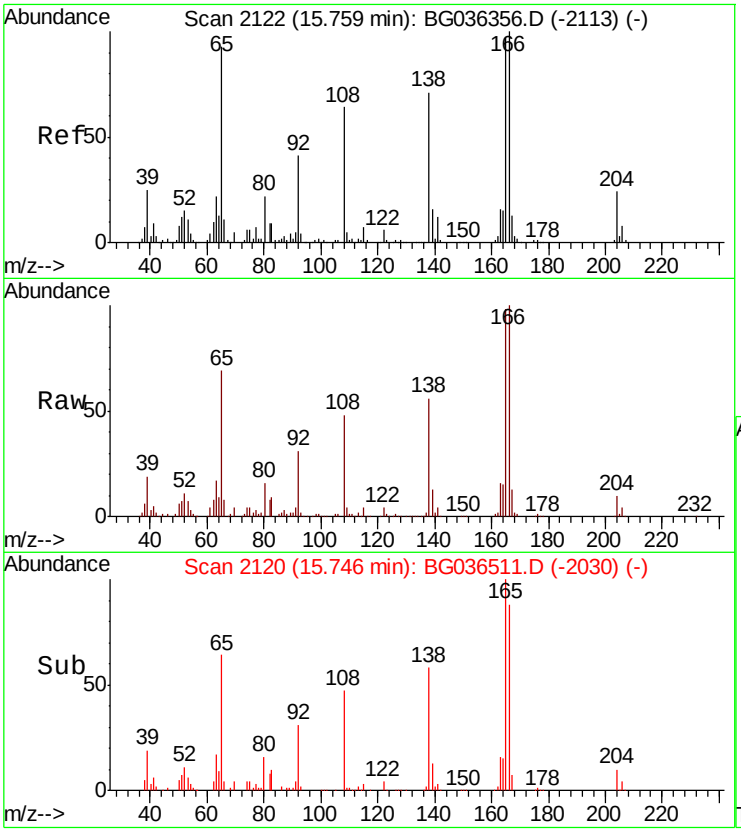


#60
4-Chlorophenyl-phenylether
Concen: 44.583 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:204 Resp: 322293

Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.0	40.4
141	55.1	43.8	65.6



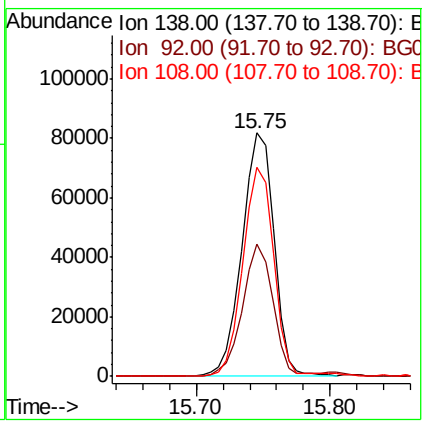


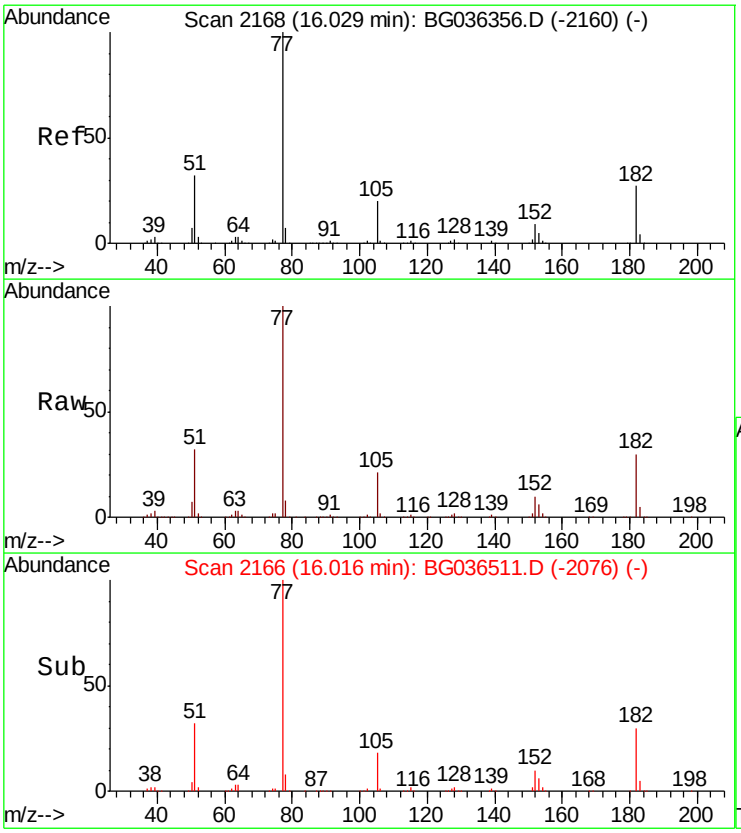
#61
4-Nitroaniline
Concen: 45.474 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 135789

Ion	Ratio	Lower	Upper
138	100		
92	54.3	38.5	78.5
108	85.9	70.3	110.3

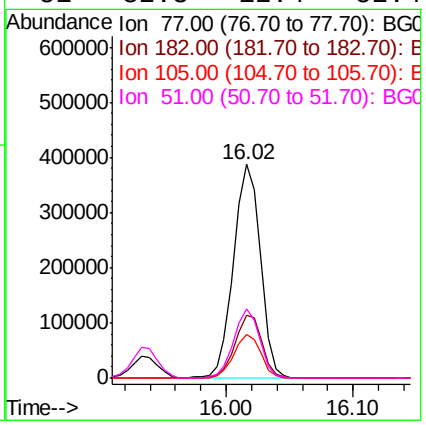


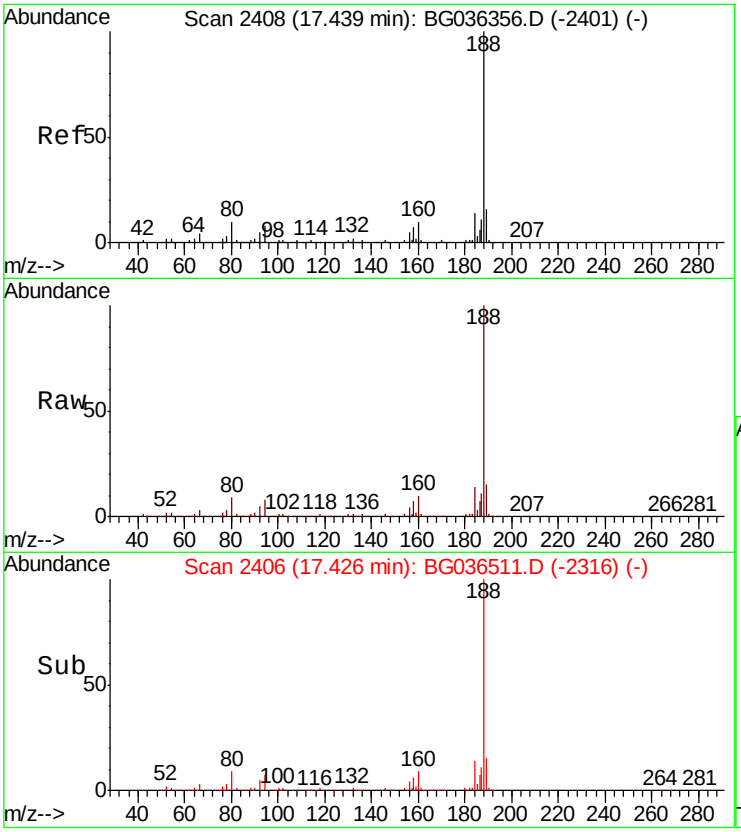


#62
Azobenzene
Concen: 42.690 ng
RT: 16.02 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 77 Resp: 563318

Ion	Ratio	Lower	Upper
77	100		
182	29.7	6.7	46.7
105	20.5	0.0	39.8
51	32.3	12.4	52.4



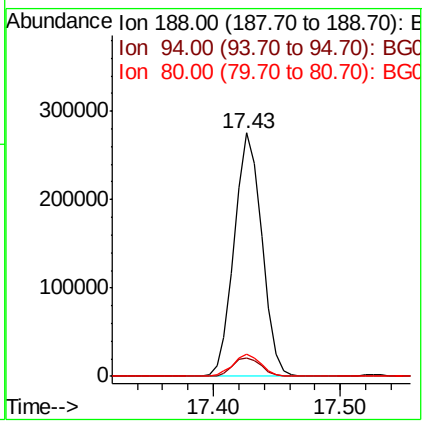


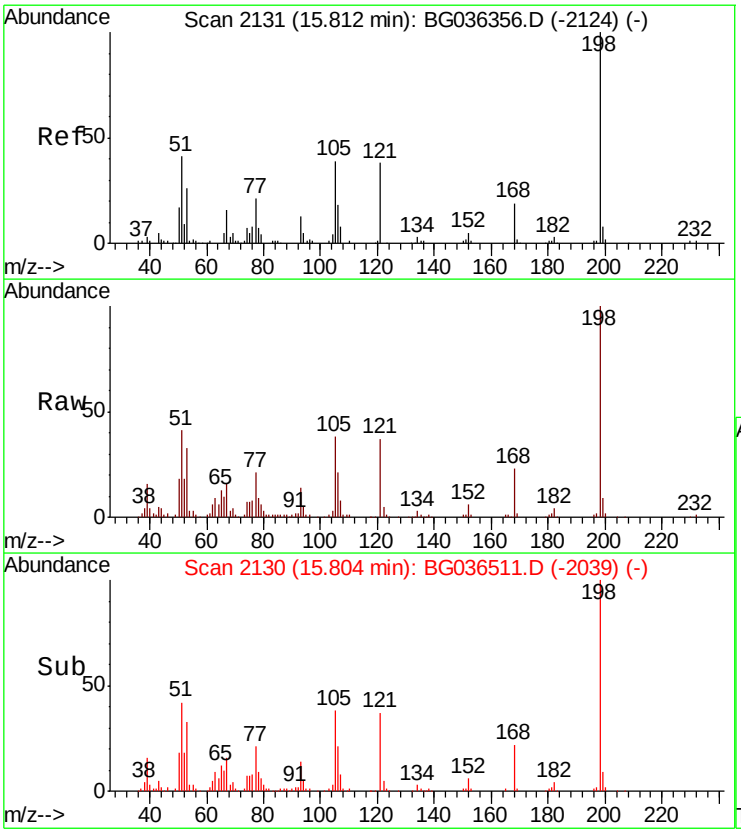
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 414878

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.1	8.1	12.1

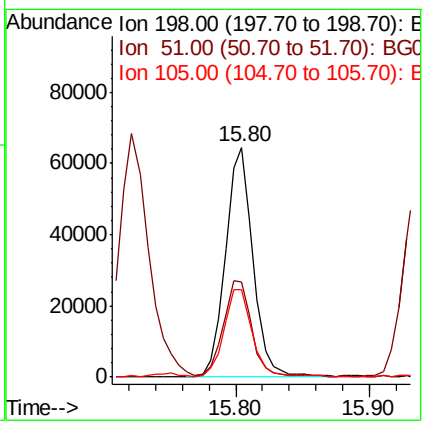


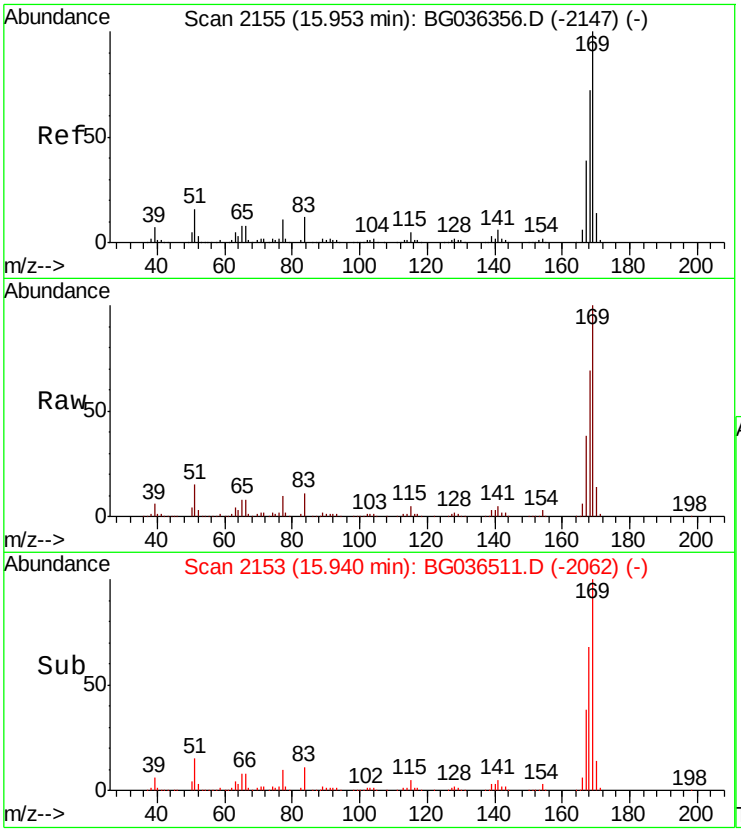


#64
4,6-Dinitro-2-methylphenol
Concen: 51.242 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:198 Resp: 93387

Ion	Ratio	Lower	Upper
198	100		
51	41.5	26.5	66.5
105	37.9	20.2	60.2



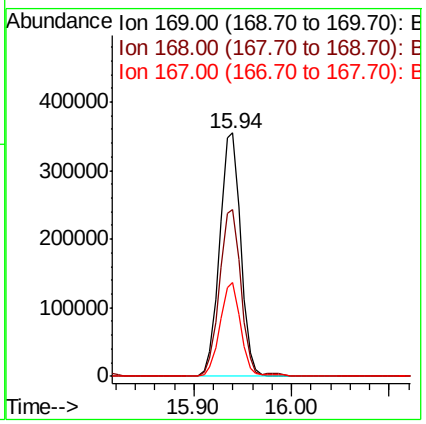


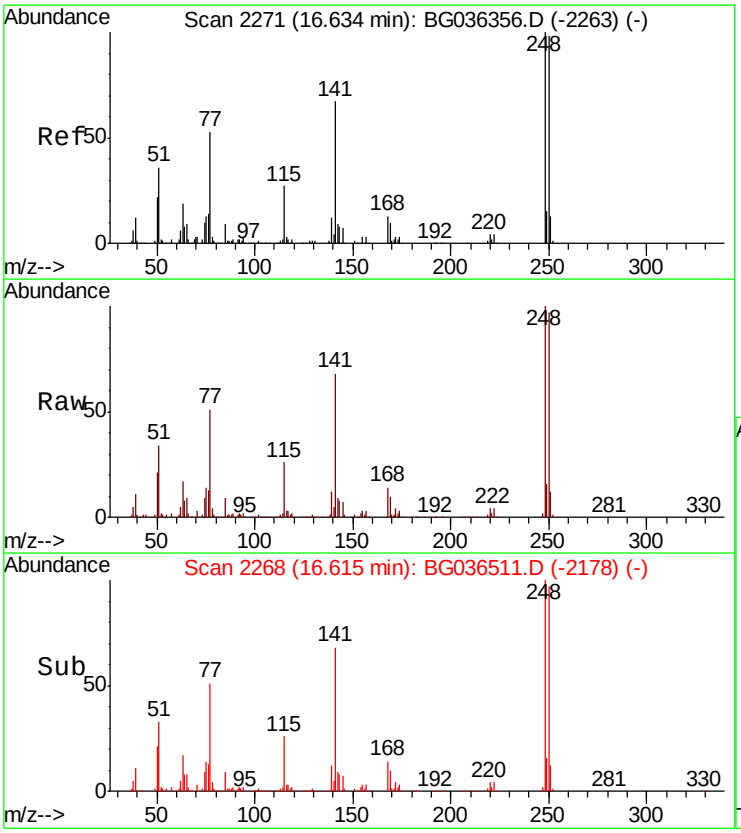
#65
n-Nitrosodiphenylamine
Concen: 42.818 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 527834

Ion	Ratio	Lower	Upper
169	100		
168	68.5	57.6	86.4
167	38.3	31.0	46.4

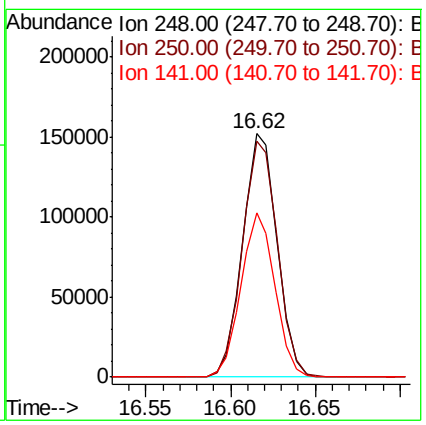


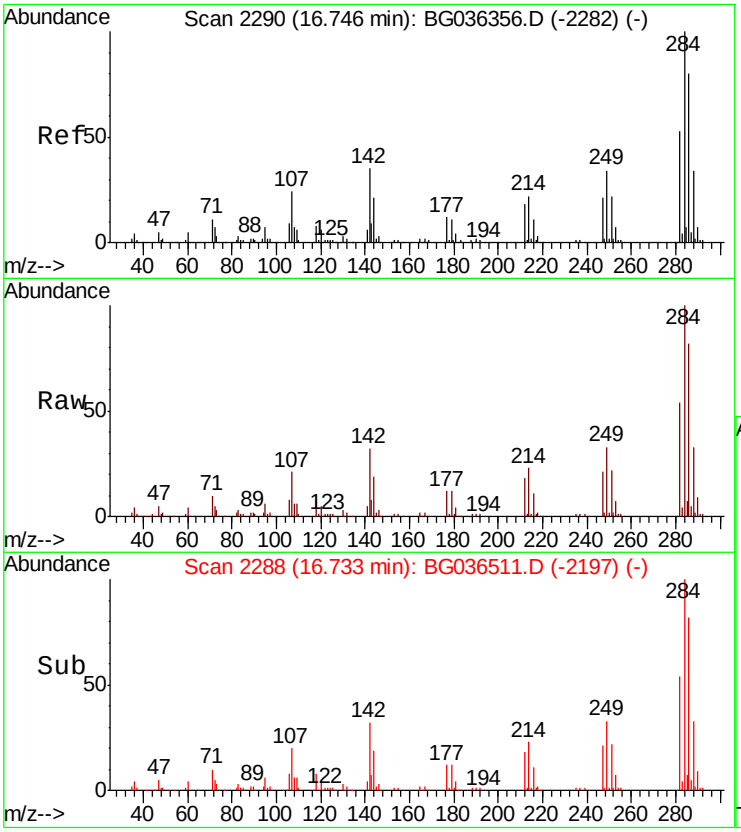


#66
4-Bromophenyl-phenylether
Concen: 44.488 ng
RT: 16.62 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:248 Resp: 216097

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.1	117.1
141	67.7	53.7	80.5



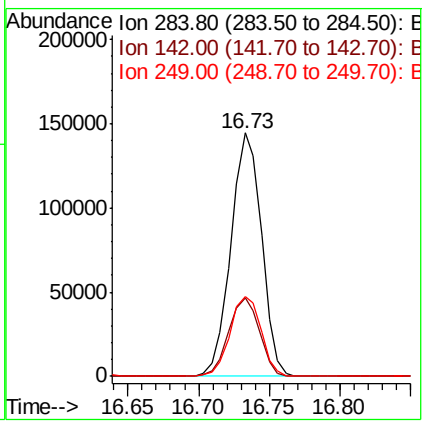


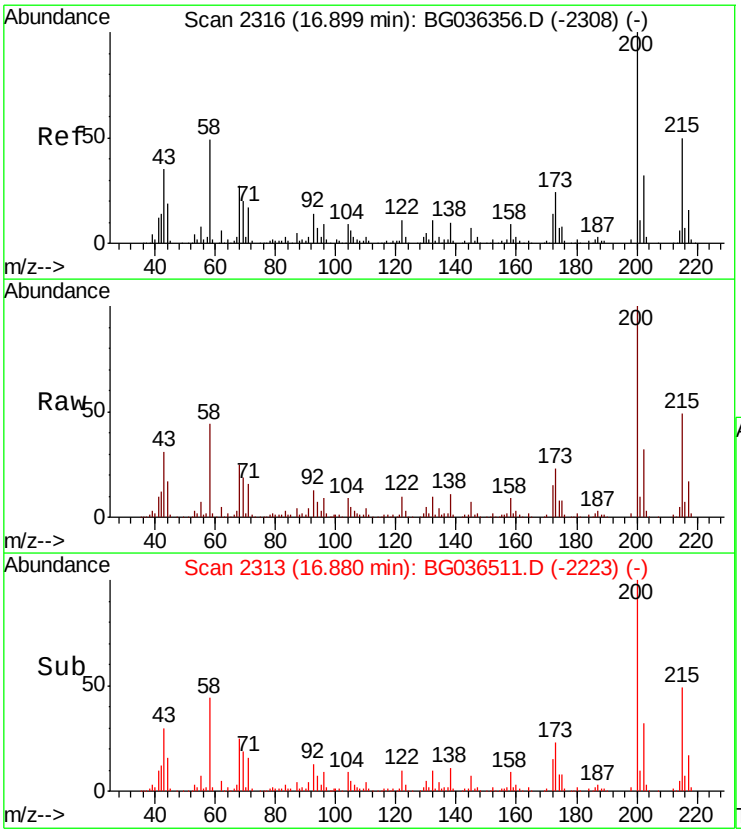
#67
Hexachlorobenzene
Concen: 44.056 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 218820

Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.8	41.6
249	32.7	27.4	41.2

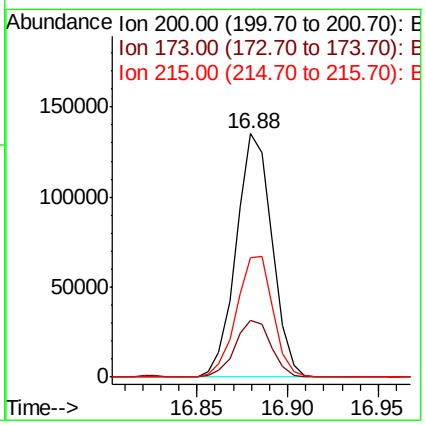


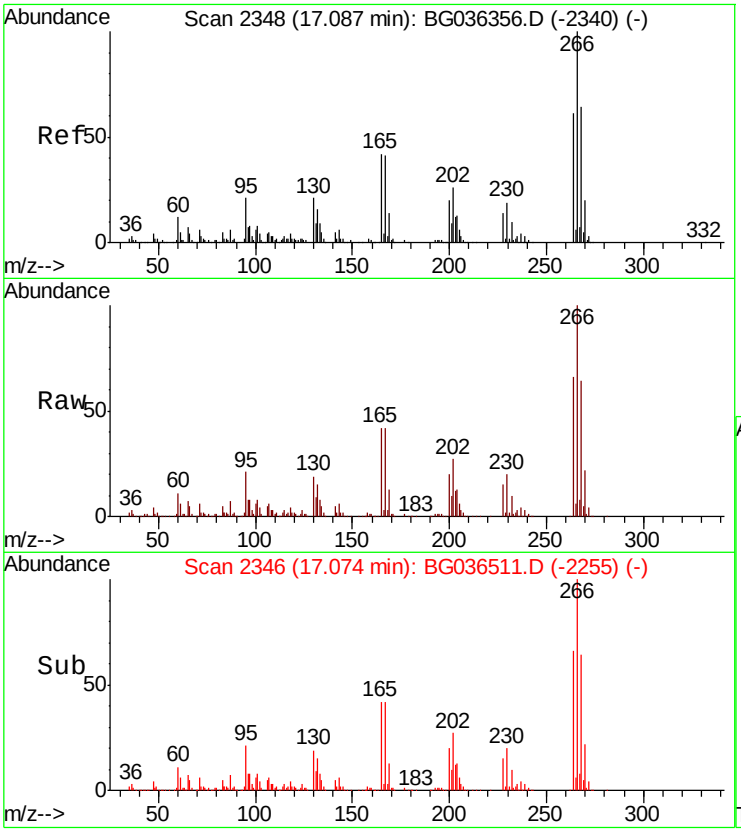


#68
Atrazine
Concen: 40.014 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:200 Resp: 185147

Ion	Ratio	Lower	Upper
200	100		
173	23.3	3.9	43.9
215	49.1	30.4	70.4



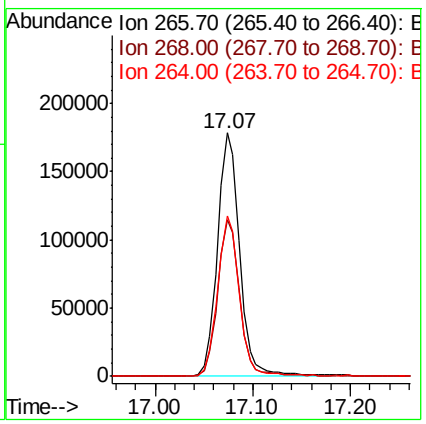


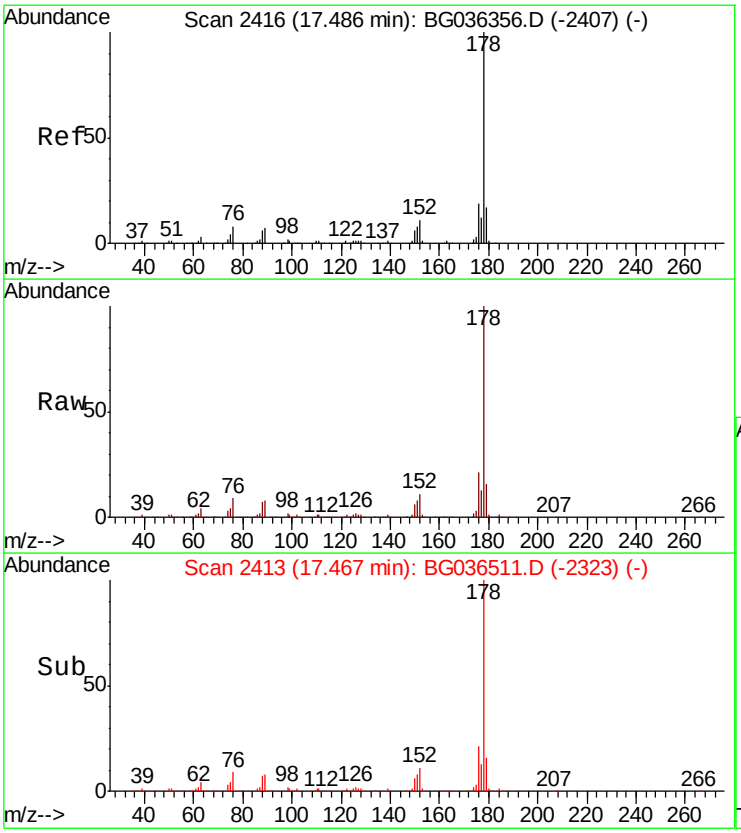
#69
Pentachlorophenol
Concen: 83.653 ng
RT: 17.07 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 282382

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.4	77.2
264	66.1	48.9	73.3

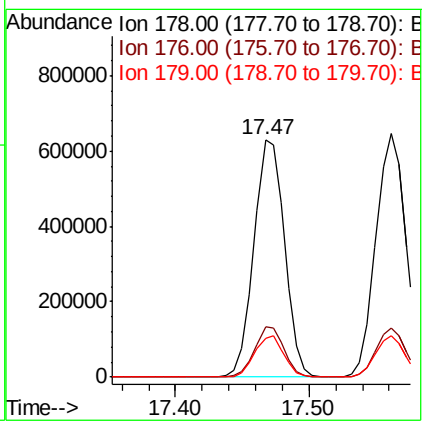


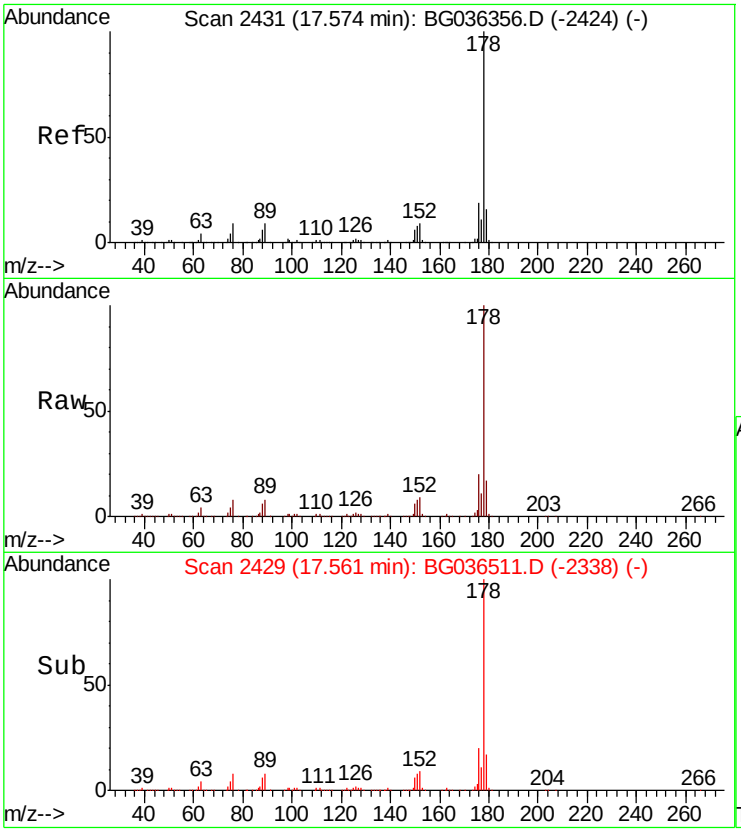


#70
Phenanthrene
Concen: 47.165 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:178 Resp: 994290

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.4	23.2
179	16.4	13.4	20.2



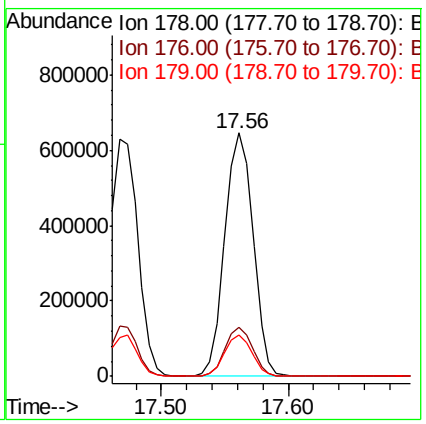


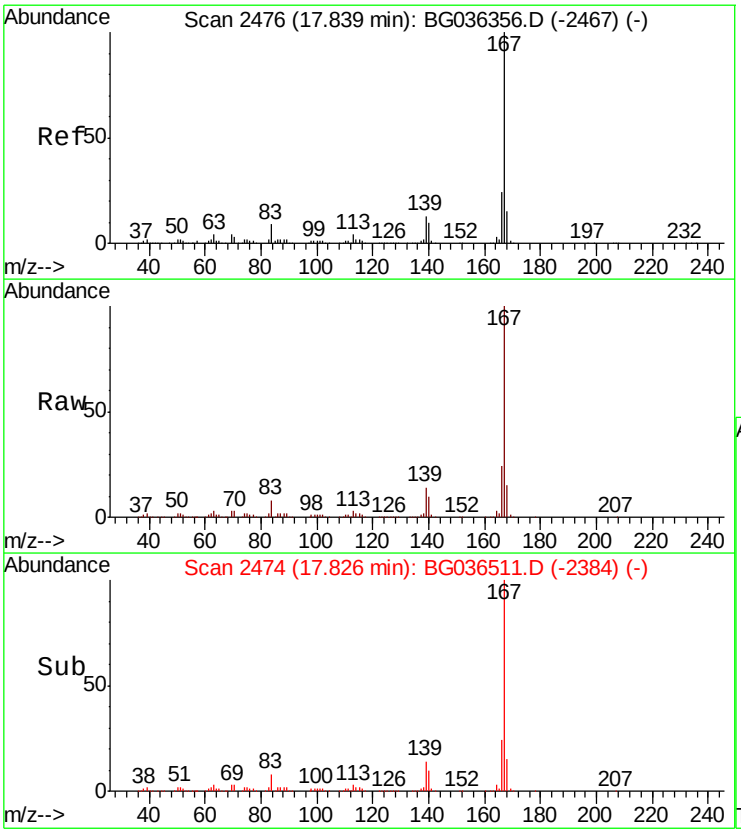
#71
Anthracene
Concen: 47.537 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 998947

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	17.0	13.0	19.4

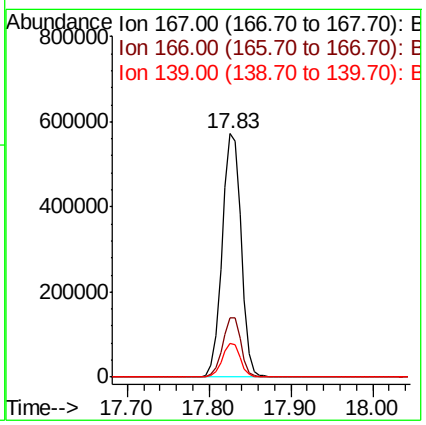


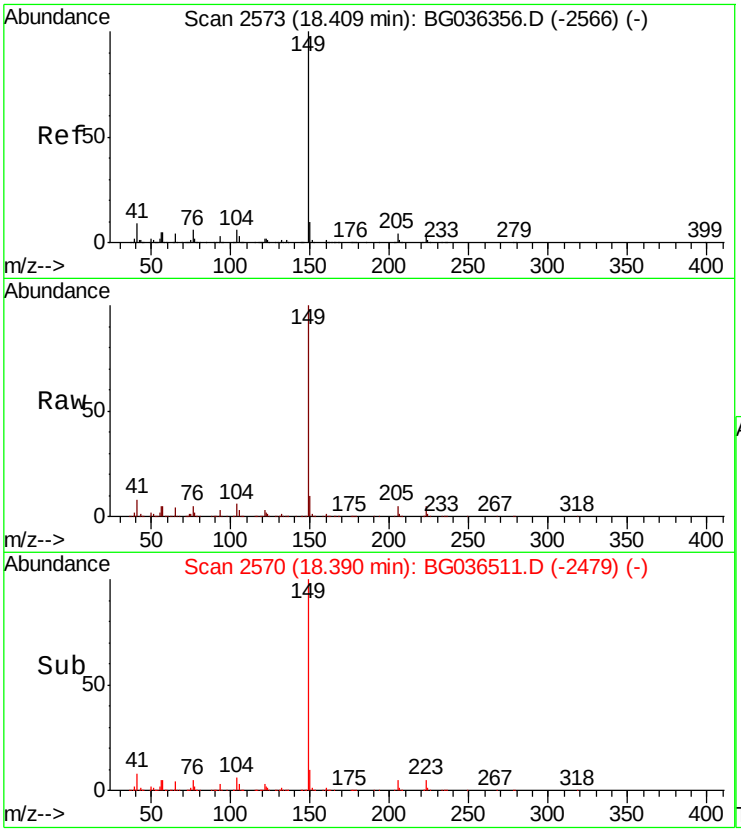


#72
Carbazole
Concen: 43.958 ng
RT: 17.83 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:167 Resp: 922533

Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.5	29.3
139	13.8	10.7	16.1



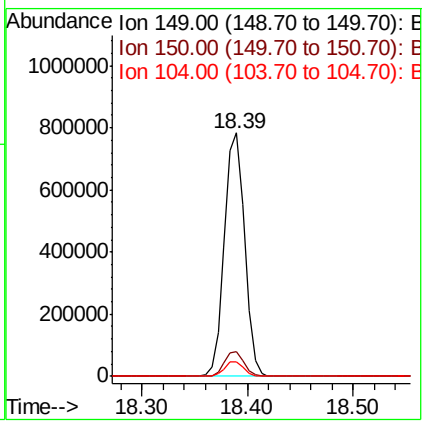


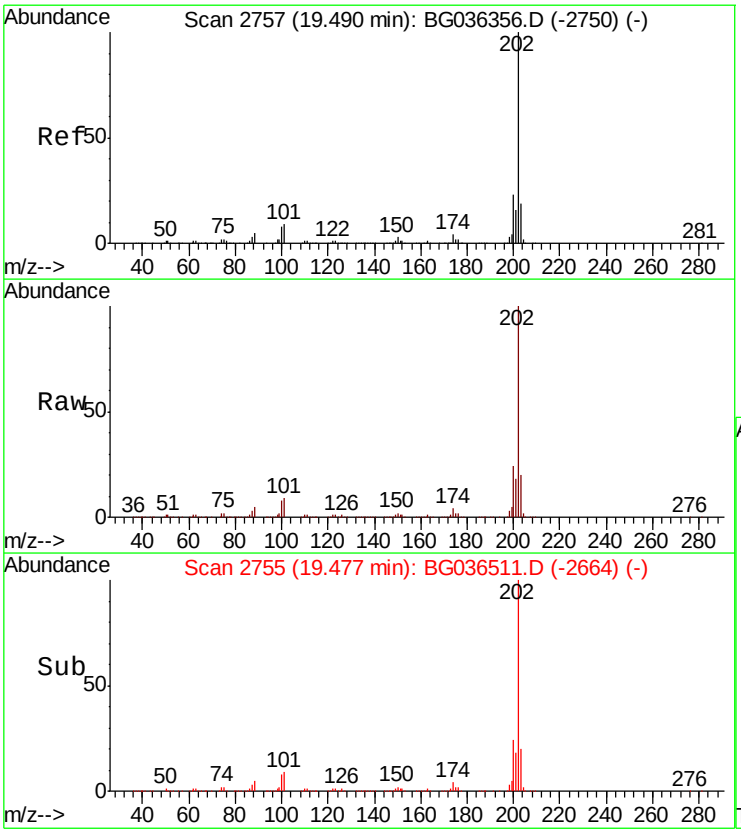
#73
Di-n-butylphthalate
Concen: 44.236 ng
RT: 18.39 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1033806

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.1	4.6	6.8

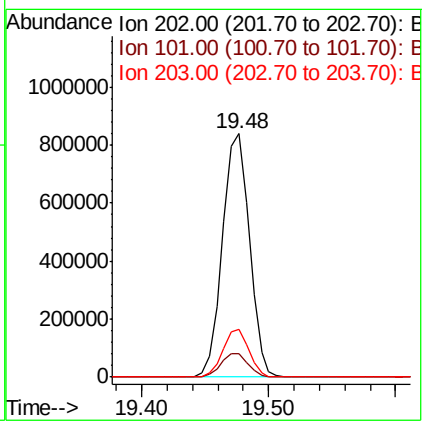


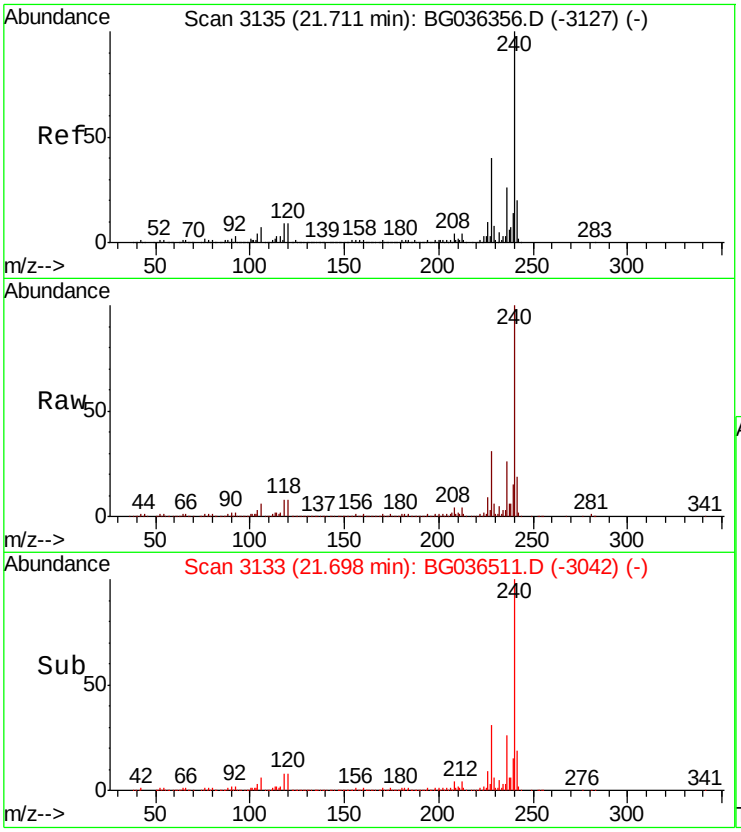


#74
Fluoranthene
Concen: 48.107 ng
RT: 19.48 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:202 Resp: 1236466

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	19.8	0.0	38.9



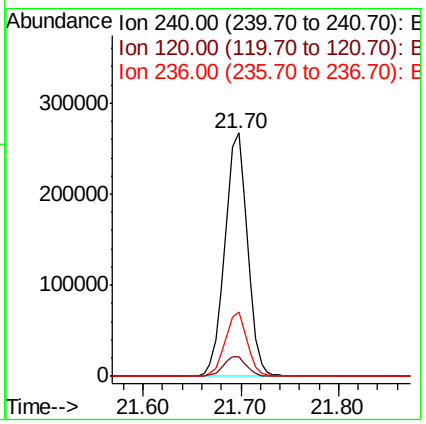


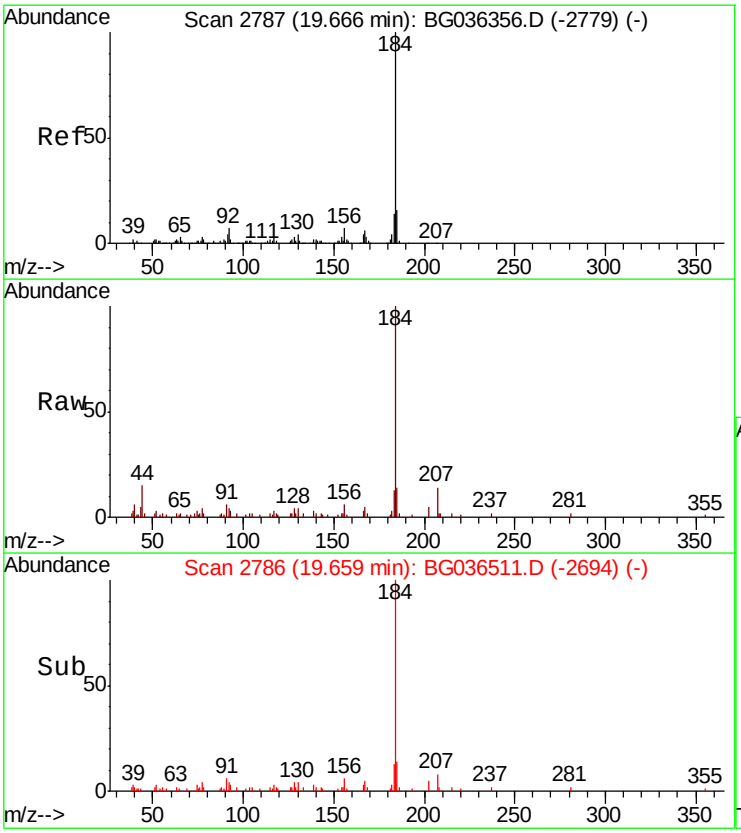
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 429711

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	26.3	21.2	31.8

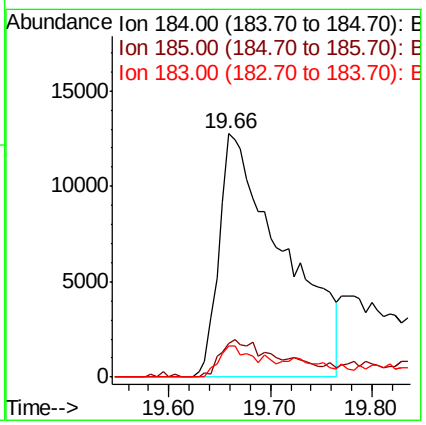


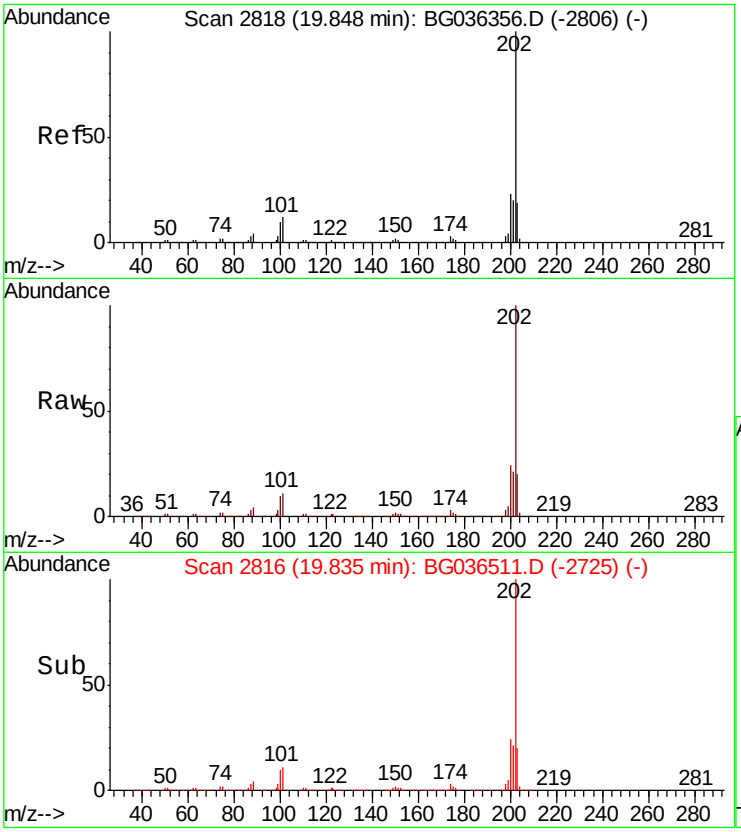


#76
Benzidine
Concen: 4.095 ng
RT: 19.66 min Scan# 2786
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:184 Resp: 56147

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	12.8	10.9	16.3



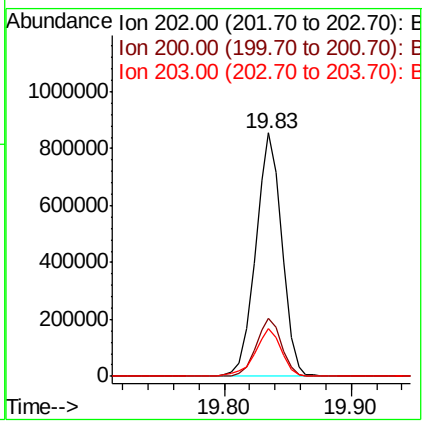


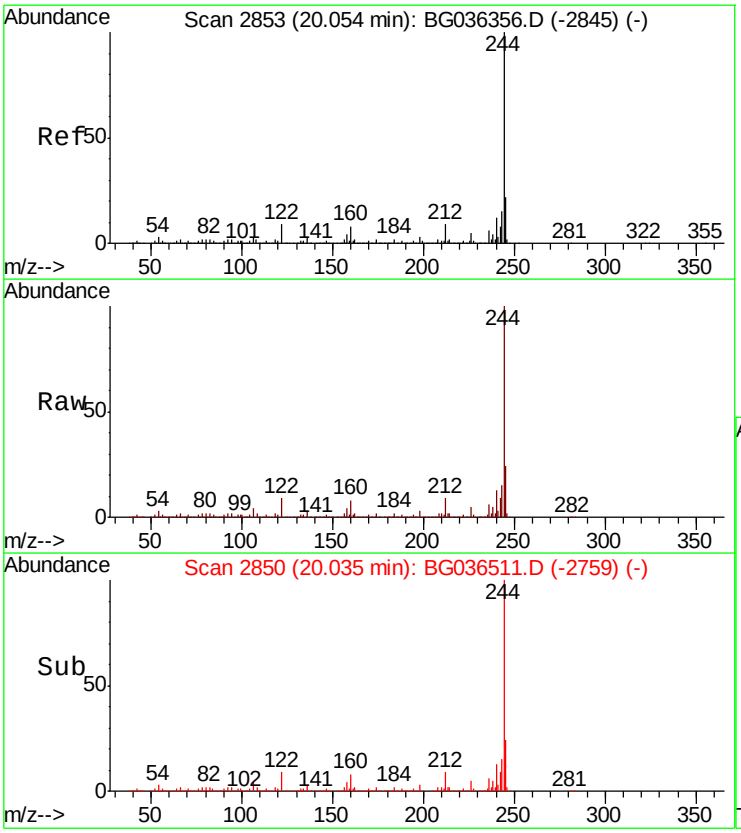
#77
Pyrene
Concen: 46.428 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1226845

Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.3	27.5
203	19.6	15.1	22.7

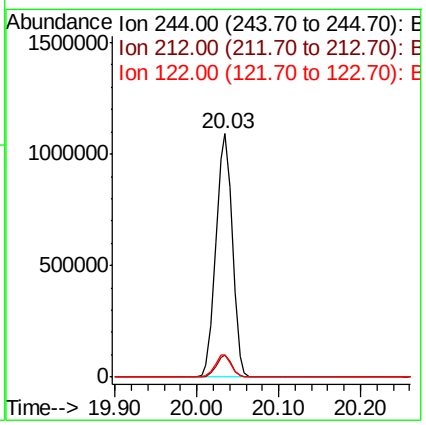


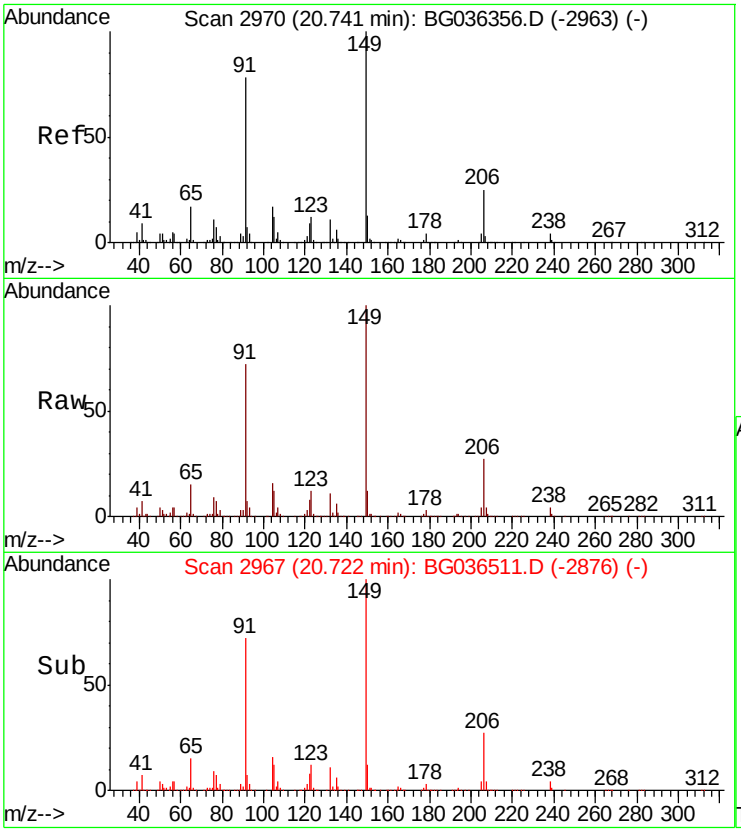


#78
Terphenyl-d14
Concen: 83.121 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:244 Resp: 1528144

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.4	7.1	10.7



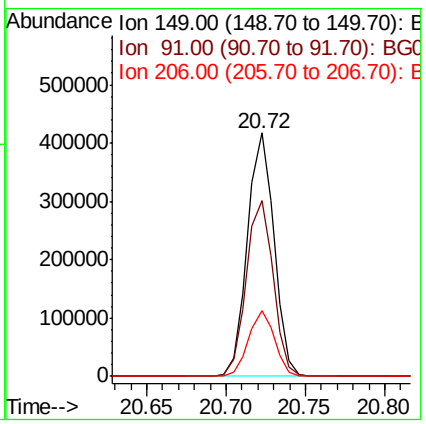


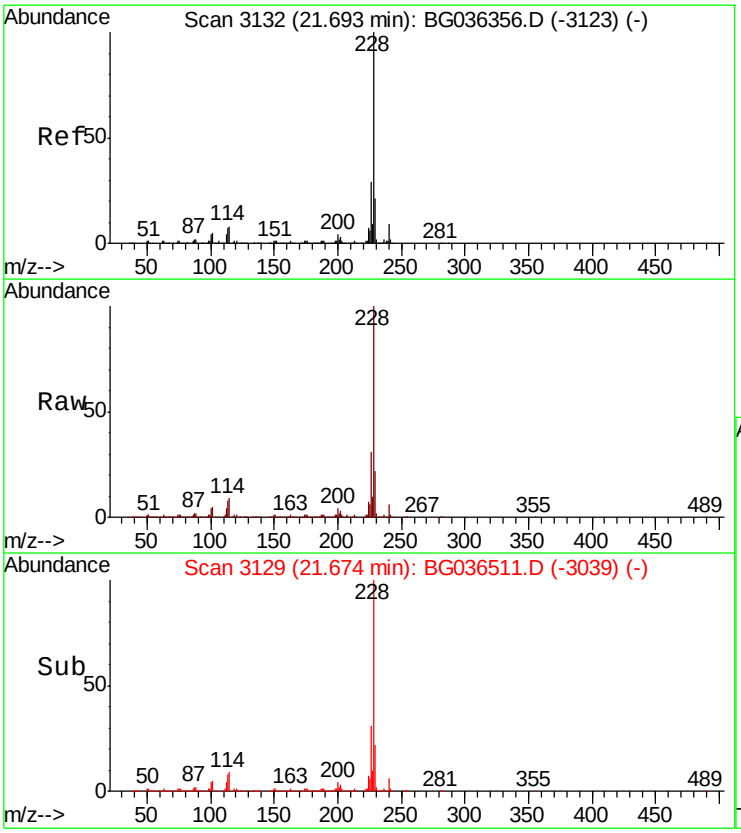
#79
Butylbenzylphthalate
Concen: 46.469 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 488682

Ion	Ratio	Lower	Upper
149	100		
91	72.2	62.0	93.0
206	26.8	19.6	29.4

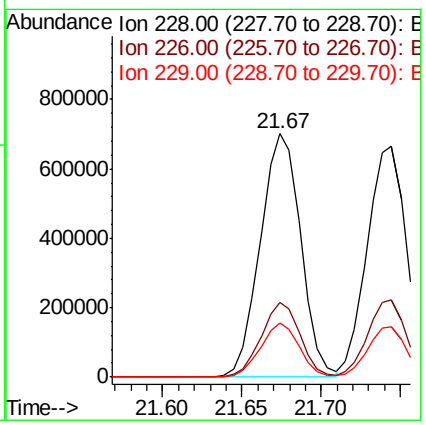


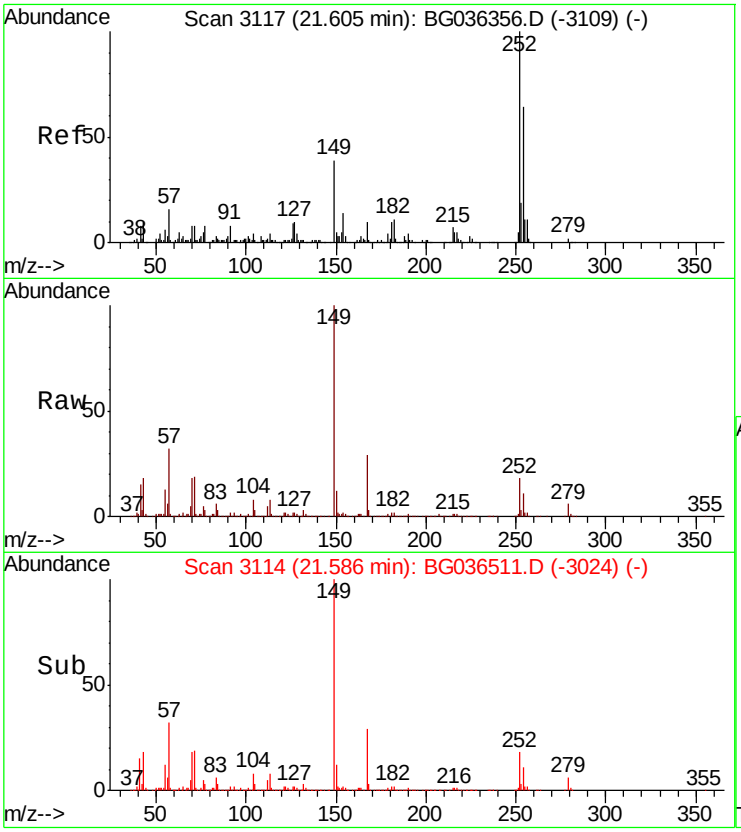


#80
Benzo(a)anthracene
Concen: 47.850 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:228 Resp: 1245670

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.2	17.1	25.7



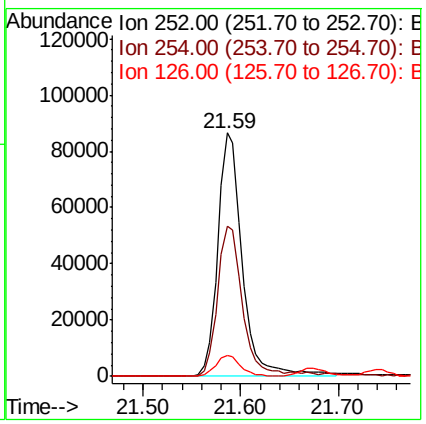


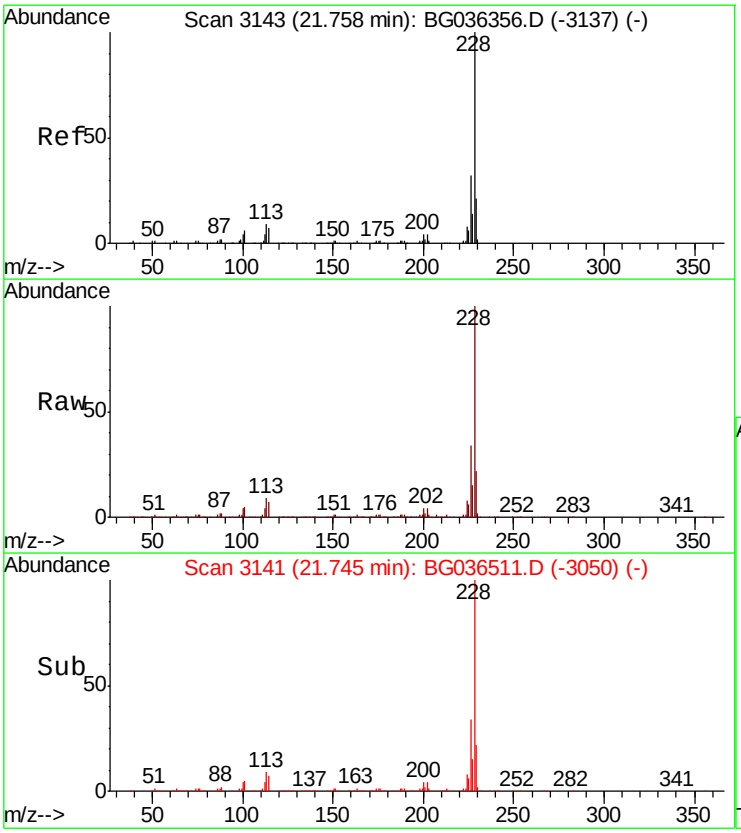
#81
3,3'-Dichlorobenzidine
Concen: 14.542 ng
RT: 21.59 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 150875

Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.0	76.4
126	8.8	7.4	11.0

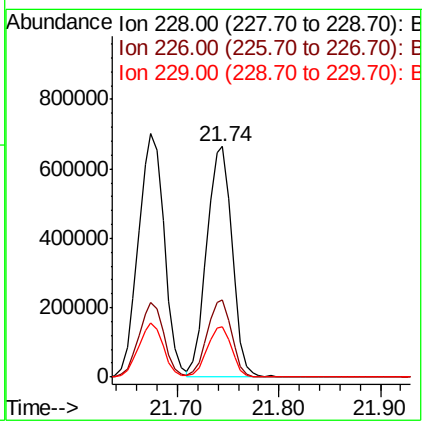


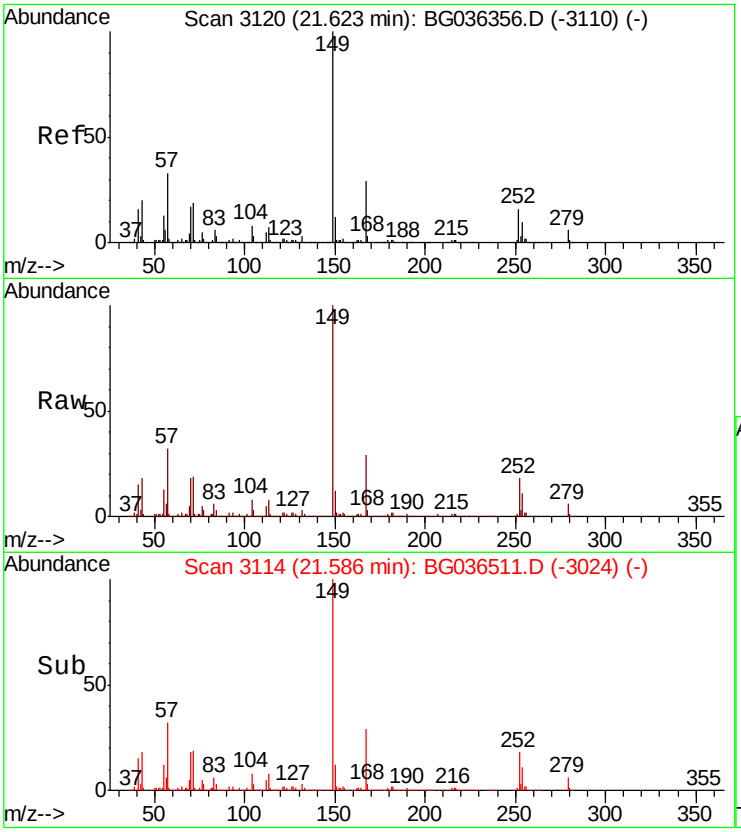


#82
Chrysene
Concen: 46.661 ng
RT: 21.74 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:228 Resp: 1151372

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.5	38.3
229	21.7	16.9	25.3



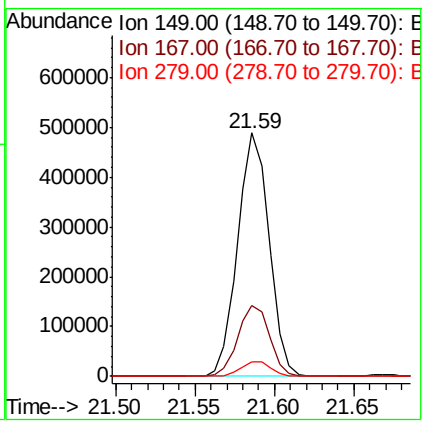


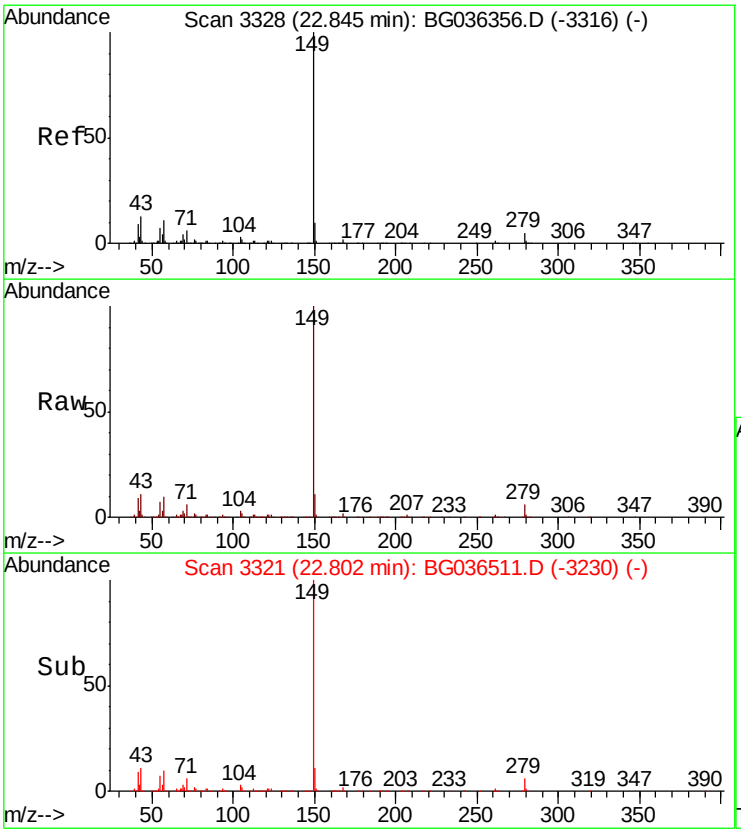
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.801 ng
RT: 21.59 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 674001

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.9	4.6	7.0

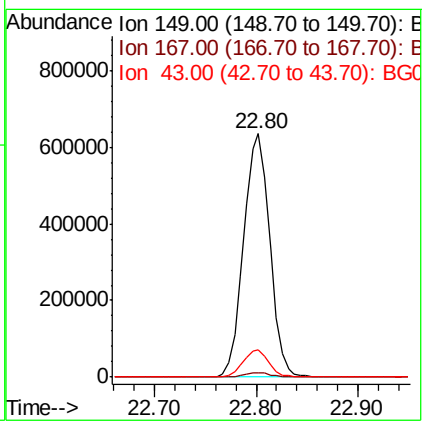


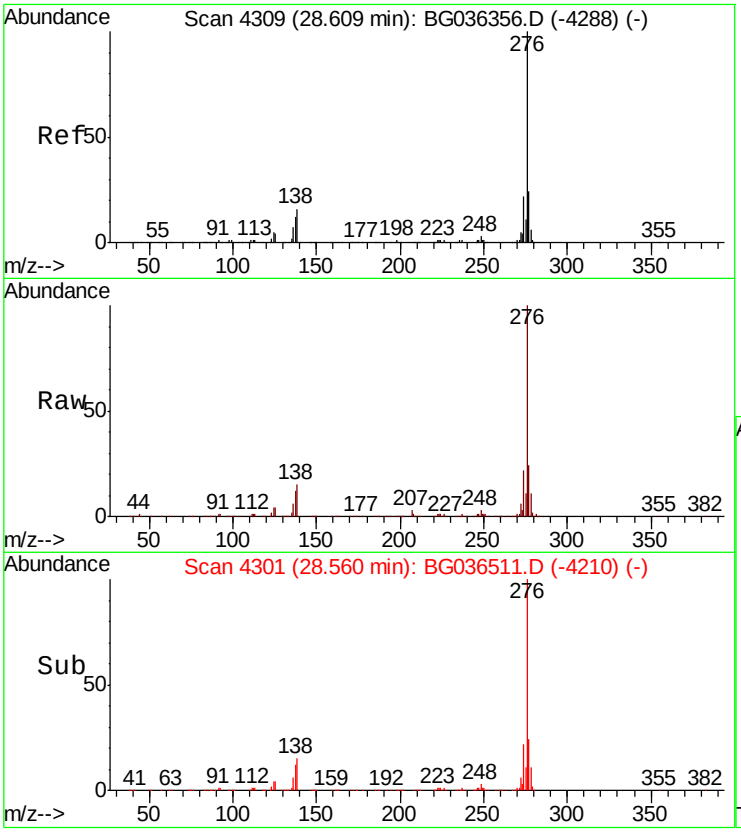


#84
Di-n-octyl phthalate
Concen: 46.182 ng
RT: 22.80 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:149 Resp: 1135158

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	10.0	15.0



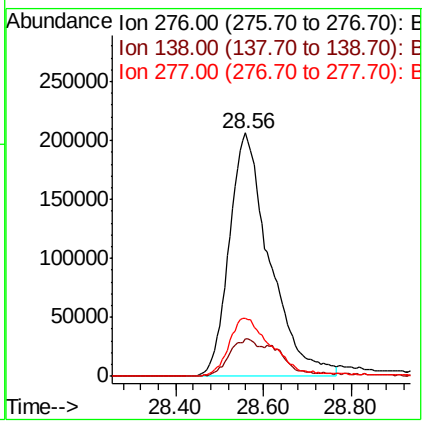


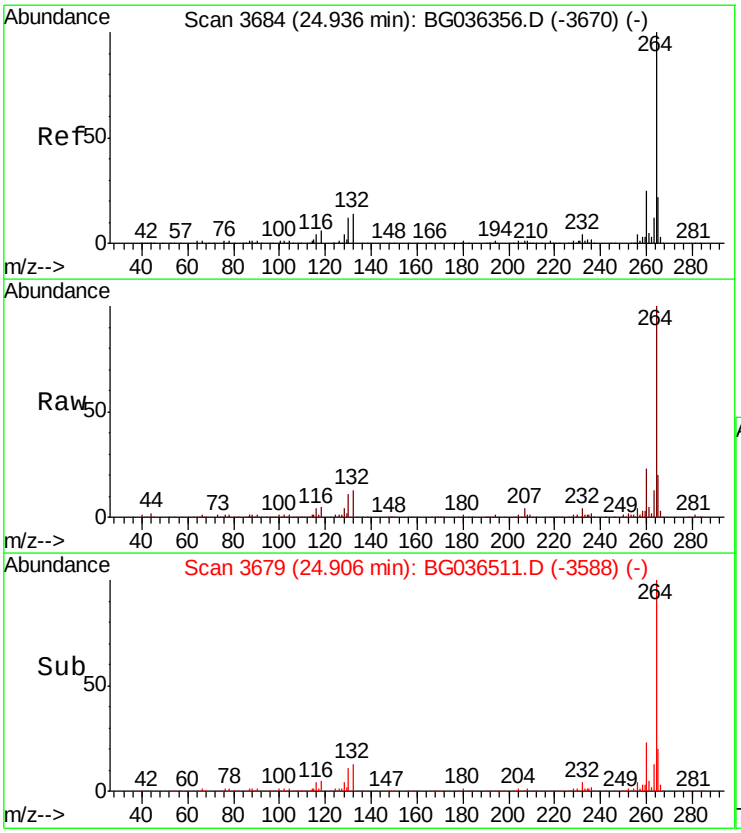
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.218 ng
RT: 28.56 min Scan# 4301
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1295947

Ion	Ratio	Lower	Upper
276	100		
138	12.0	10.6	15.8
277	25.5	20.6	30.8

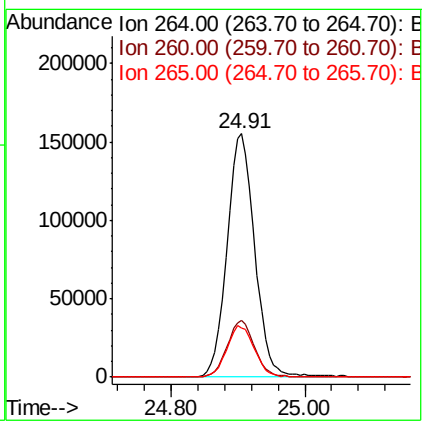


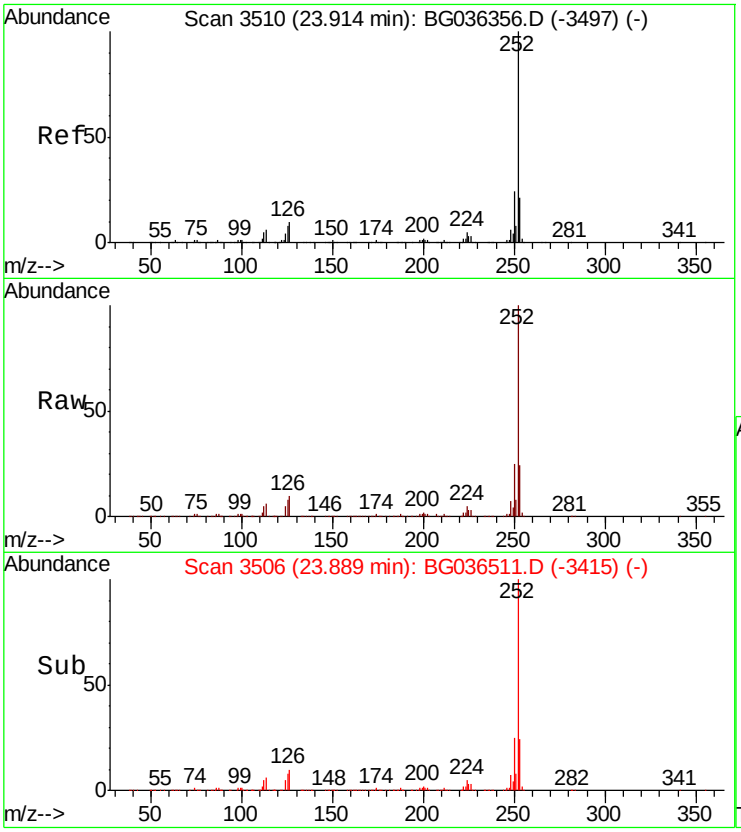


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:264 Resp: 449408

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.3	17.4	26.0



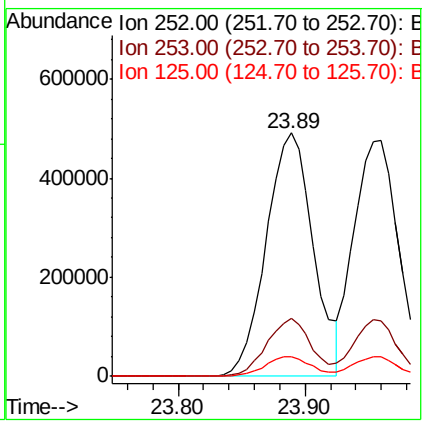


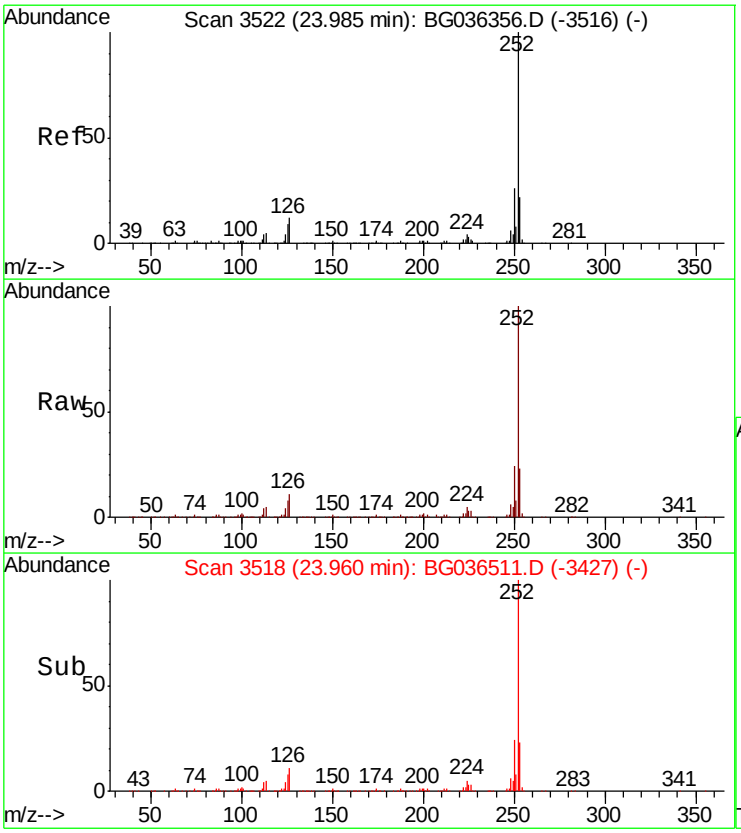
#87
Benzo(b)fluoranthene
Concen: 50.959 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1271704

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	7.8	6.6	10.0

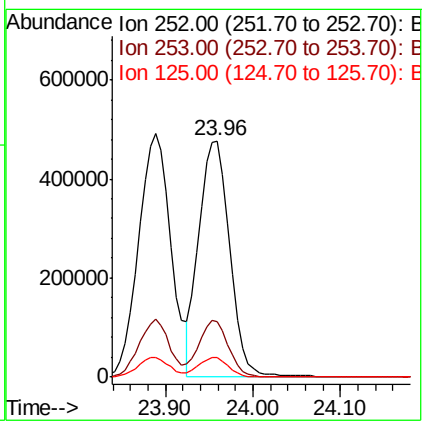


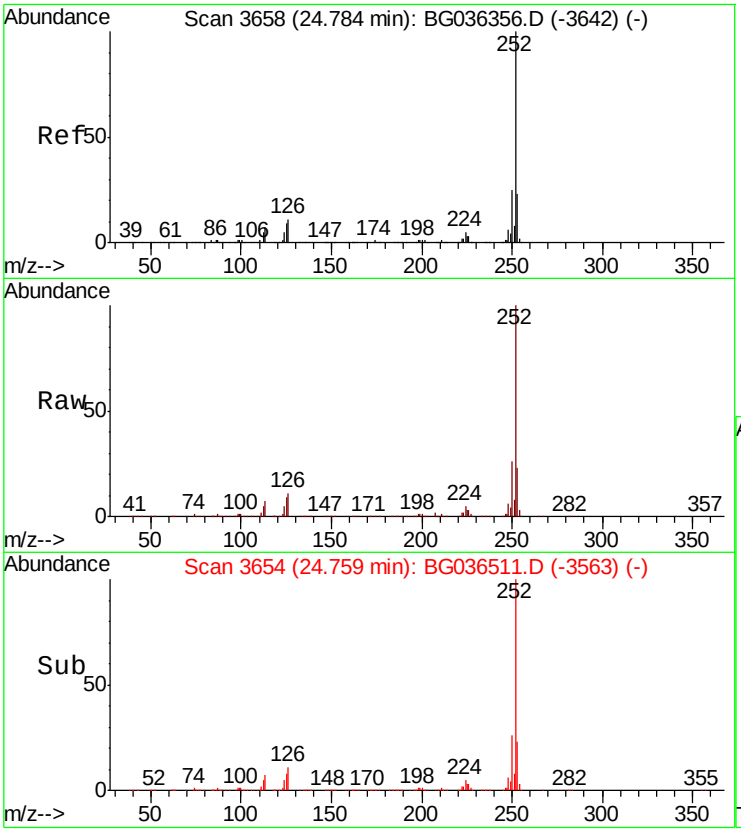


#88
Benzo(k)fluoranthene
Concen: 47.990 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:252 Resp: 1170028

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	8.2	7.0	10.6



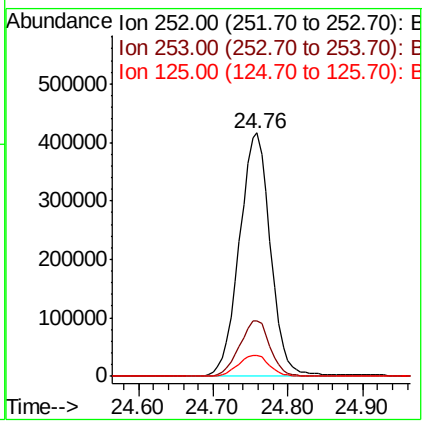


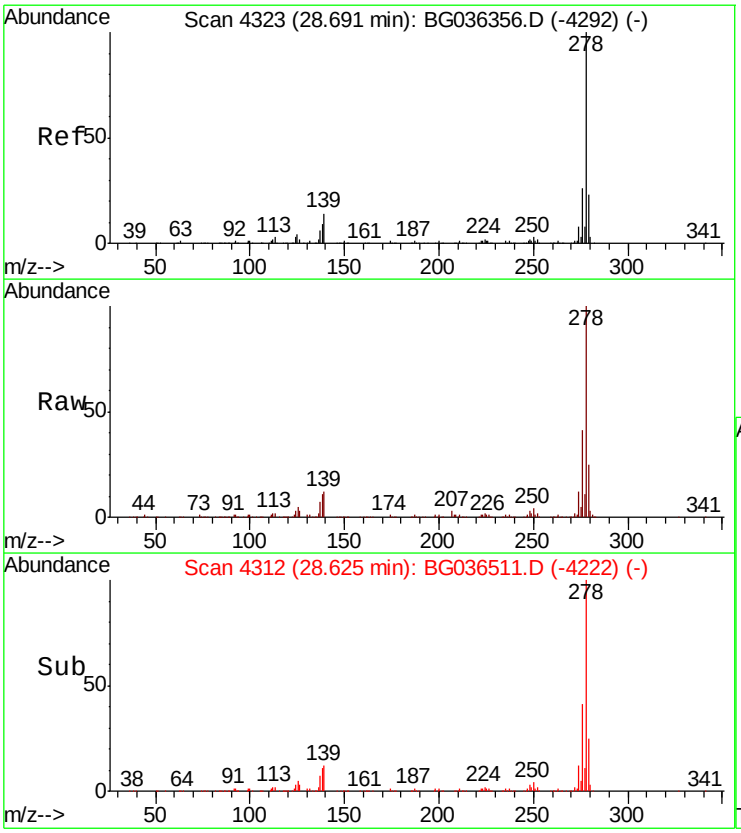
#89
Benzo(a)pyrene
Concen: 49.938 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1197541

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.5	7.3	10.9

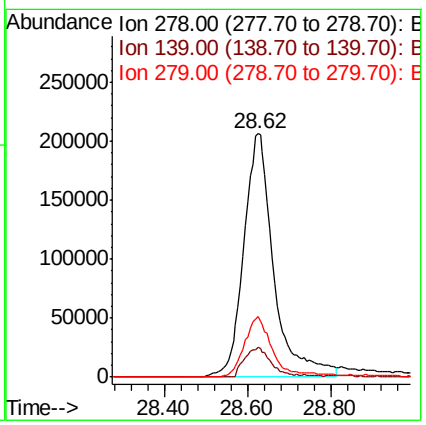


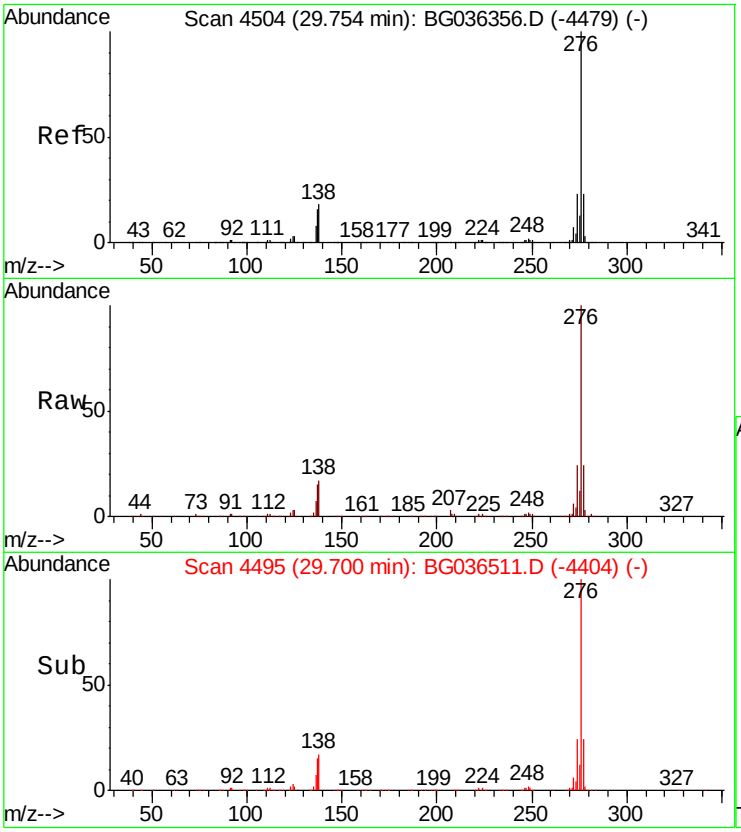


#90
Dibenzo(a,h)anthracene
Concen: 44.729 ng
RT: 28.62 min Scan# 4312
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion:278 Resp: 1035523

Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.0	16.4
279	24.7	18.7	28.1





#91
Benzo(g,h,i)perylene
Concen: 43.937 ng
RT: 29.70 min Scan# 4495
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1022173

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	16.7	14.6	22.0