Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043951.D
Acq On : 7 Jan 2020 12:26
Operator : JU
Sample : IDOC-W-02-CG
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 07 16:42:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	114235	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	511923	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	342672	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	744236	20.00	ng	0.00
76) Chrysene-d12	21.59	240	638523	20.00	ng	0.00
87) Perylene-d12	24.72	264	712355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	756245	121.55	ng	0.00
7) Phenol-d6	7.13	99	1003036	115.34	ng	0.00
23) Nitrobenzene-d5	9.12	82	641057	66.99	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	387477	108.05	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1418648	75.01	ng	0.00
79) Terphenyl-d14	19.95	244	2005748	72.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	103243	38.059	ng	98
3) Pyridine	3.82	79	258348	32.238	ng	94
4) n-Nitrosodimethylamine	3.74	42	134403	37.670	ng	99
6) Aniline	7.28	93	344271	30.139	ng	98
8) 2-Chlorophenol	7.53	128	327627	44.856	ng	98
9) Benzaldehyde	7.09	77	198499	35.663	ng	94
10) Phenol	7.15	94	404996	45.199	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	304903	39.421	ng	98
12) 1,3-Dichlorobenzene	7.85	146	331627	38.800	ng	98
13) 1,4-Dichlorobenzene	7.99	146	334659	39.683	ng	98
14) 1,2-Dichlorobenzene	8.32	146	315369	38.960	ng	99
15) Benzyl Alcohol	8.19	79	279575	40.733	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	426869	35.673	ng	99
17) 2-Methylphenol	8.41	107	283221	43.679	ng	97
18) Hexachloroethane	9.05	117	125732	38.315	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	242256	37.406	ng	97
20) 3+4-Methylphenols	8.73	107	390826	43.206	ng	97
22) Acetophenone	8.78	105	453058	35.599	ng	99
24) Nitrobenzene	9.16	77	346116	36.519	ng	99
25) Isophorone	9.68	82	656720	36.580	ng	99
26) 2-Nitrophenol	9.87	139	179875	40.114	ng	98
27) 2,4-Dimethylphenol	9.94	122	313871	46.500	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	426385	35.624	ng	99
29) 2,4-Dichlorophenol	10.41	162	325558	40.435	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	328432	36.381	ng	99
31) Naphthalene	10.81	128	965721	38.983	ng	99
32) Benzoic acid	10.06	122	117425	24.837	ng	98
33) 4-Chloroaniline	10.91	127	264986	22.427	ng	100
34) Hexachlorobutadiene	11.11	225	186471	33.831	ng	96
35) Caprolactam	11.68	113	94416	31.500	ng	98
36) 4-Chloro-3-methylphenol	12.04	107	352909	41.174	ng	98
37) 2-Methylnaphthalene	12.42	142	721330	38.676	ng	99
38) 1-Methylnaphthalene	12.64	142	694160	39.271	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	341788	34.030	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043951.D
Acq On : 7 Jan 2020 12:26
Operator : JU
Sample : IDOC-W-02-CG
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 07 16:42:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	445354	85.529 ng		100
43) 2,4,6-Trichlorophenol	13.02	196	257343	37.237 ng		99
44) 2,4,5-Trichlorophenol	13.10	196	285240	40.018 ng		98
46) 1,1'-Biphenyl	13.43	154	916888	37.319 ng		99
47) 2-Chloronaphthalene	13.47	162	717905	36.160 ng		98
48) 2-Nitroaniline	13.66	65	232921	36.472 ng		96
49) Acenaphthylene	14.32	152	1137416	39.860 ng		99
50) Dimethylphthalate	14.05	163	923925	37.973 ng		99
51) 2,6-Dinitrotoluene	14.16	165	213603	38.841 ng		99
52) Acenaphthene	14.66	154	808310	40.393 ng		97
53) 3-Nitroaniline	14.49	138	171302	27.430 ng		98
54) 2,4-Dinitrophenol	14.69	184	174902	63.632 ng		98
55) Dibenzofuran	14.99	168	1093321	39.688 ng		100
56) 4-Nitrophenol	14.80	139	395607	82.666 ng		96
57) 2,4-Dinitrotoluene	14.95	165	296883	39.674 ng		93
58) Fluorene	15.64	166	869725	39.833 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	243558	39.738 ng		98
60) Diethylphthalate	15.42	149	947035	38.915 ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	453270	38.231 ng		98
62) 4-Nitroaniline	15.65	138	226400	36.711 ng		98
63) Azobenzene	15.93	77	903073	40.014 ng		98
65) 4,6-Dinitro-2-methylphenol	15.72	198	148666	39.615 ng		99
66) n-Nitrosodiphenylamine	15.85	169	821190	37.469 ng		99
67) 4-Bromophenyl-phenylether	16.53	248	296448	35.416 ng		99
68) Hexachlorobenzene	16.65	284	312166	34.611 ng		98
69) Atrazine	16.80	200	306424	43.012 ng		99
70) Pentachlorophenol	16.99	266	336528	67.686 ng		97
71) Phenanthrene	17.38	178	1372748	38.455 ng		99
72) Anthracene	17.47	178	1416556	40.153 ng		99
73) Carbazole	17.74	167	1283068	39.372 ng		99
74) Di-n-butylphthalate	18.31	149	1584990	38.094 ng		99
75) Fluoranthene	19.39	202	1561651	38.252 ng		98
77) Benzidine	19.56	184	688952	42.926 ng		98
78) Pyrene	19.75	202	1562664	37.493 ng		98
80) Butylbenzylphthalate	20.64	149	733190	36.950 ng		100
81) Benzo(a)anthracene	21.57	228	1522611	38.457 ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	482870	30.870 ng		100
83) Chrysene	21.63	228	1445630	38.426 ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1034912	37.799 ng		98
85) Di-n-octyl phthalate	22.68	149	1789375	38.875 ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1820038	35.598 ng	#	88
88) Benzo(b)fluoranthene	23.73	252	1596023	37.899 ng		98
89) Benzo(k)fluoranthene	23.79	252	1580488	39.466 ng		100
90) Benzo(a)pyrene	24.57	252	1491098	37.515 ng		98
91) Dibenzo(a,h)anthracene	28.32	278	1495570	37.466 ng		97
92) Benzo(g,h,i)perylene	29.36	276	1446110	36.471 ng		96

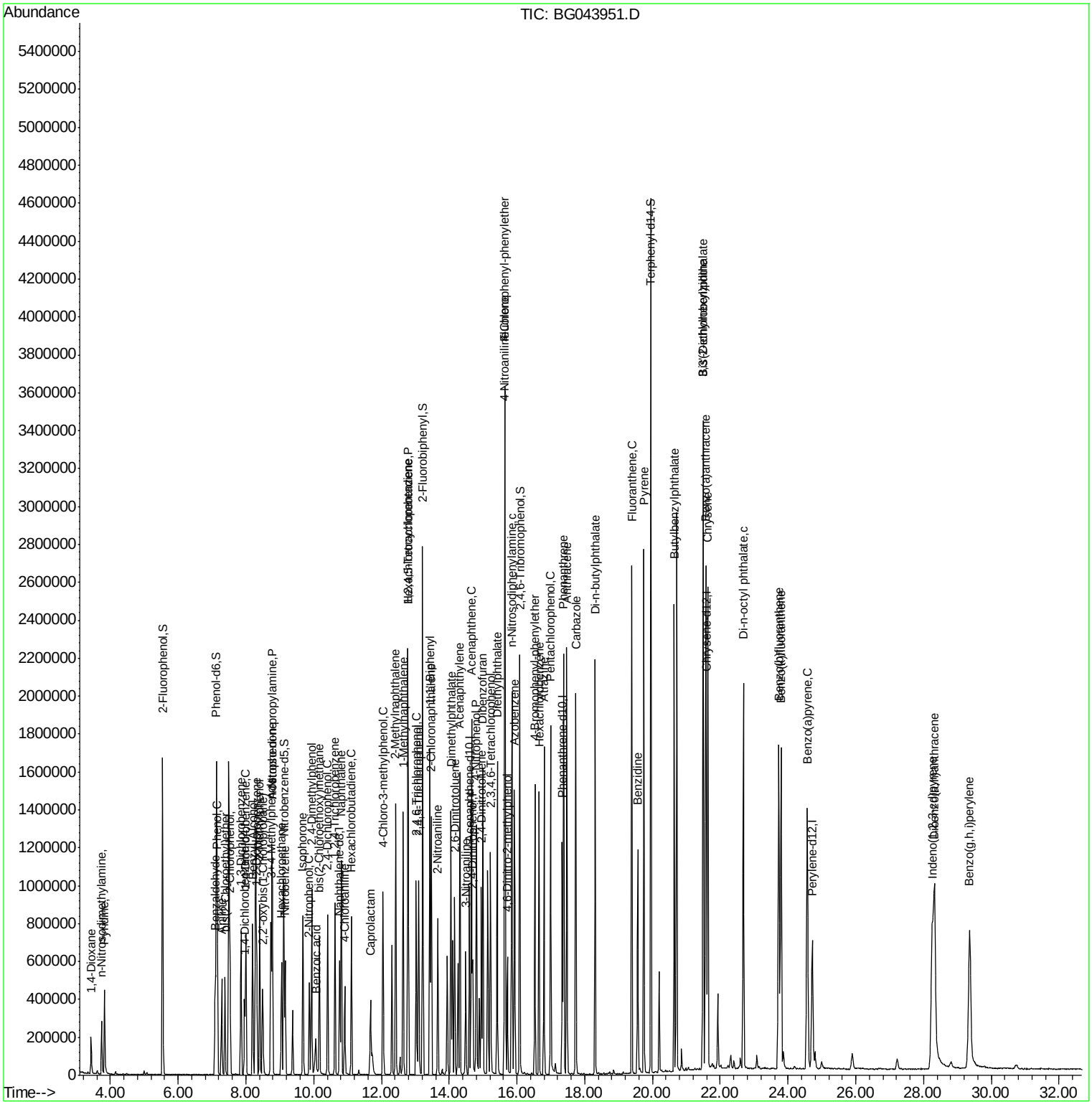
(#) = qualifier out of range (m) = manual integration (+) = signals summed

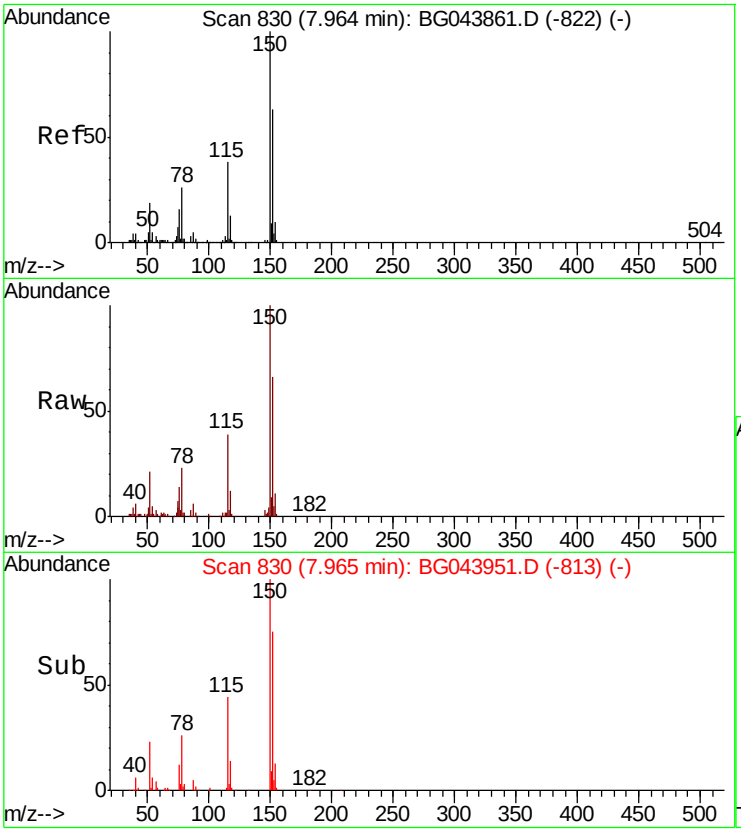
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043951.D
Acq On : 7 Jan 2020 12:26
Operator : JU
Sample : IDOC-W-02-CG
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 07 16:42:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



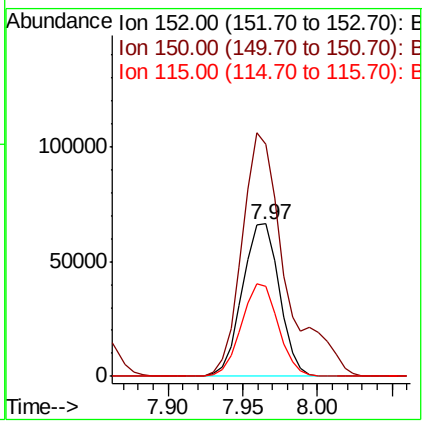


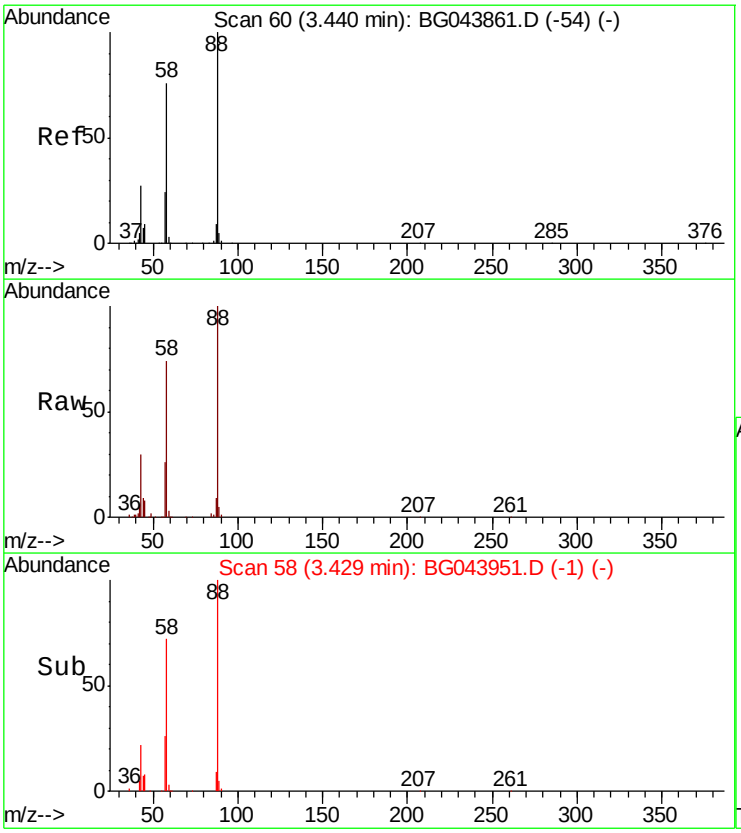
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 114235

Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.0	190.4
115	59.1	47.8	71.8

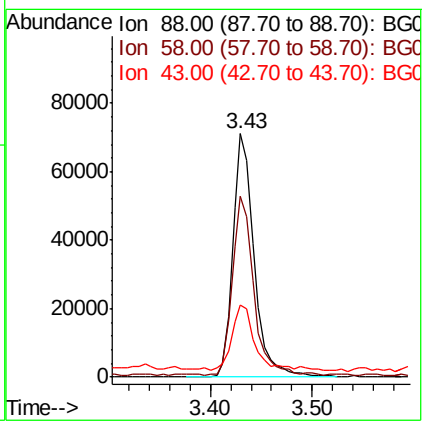




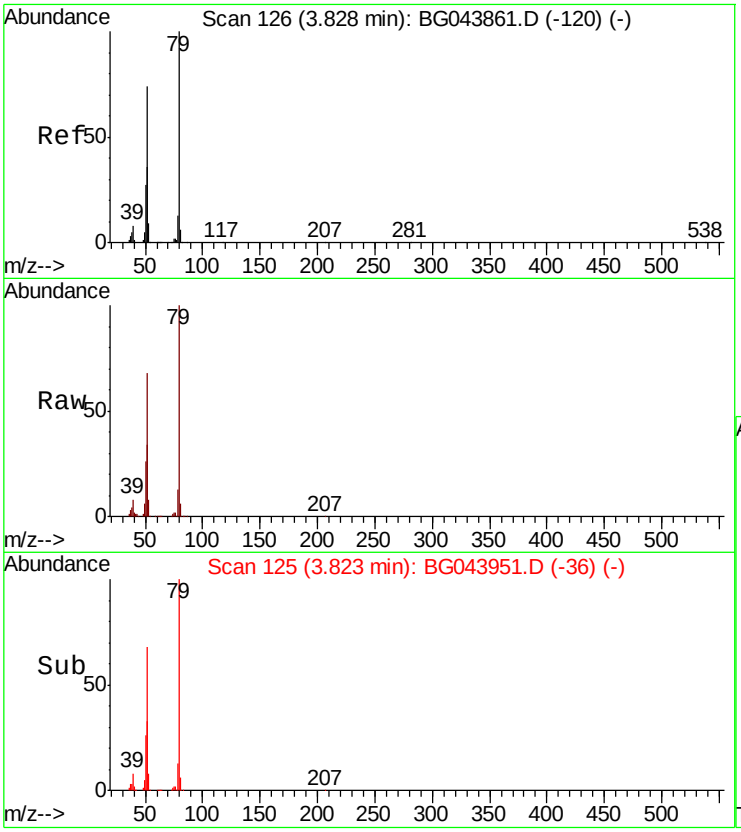
#2
1,4-Dioxane
Concen: 38.059 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 88 Resp: 103243

Ion	Ratio	Lower	Upper
88	100		
58	73.4	59.8	89.8
43	27.1	22.9	34.3



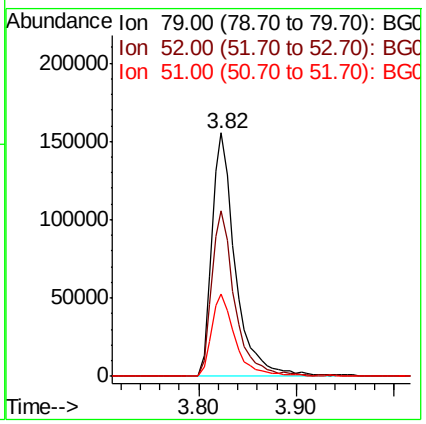
Instrument :
BNA_G
ClientSampleId :

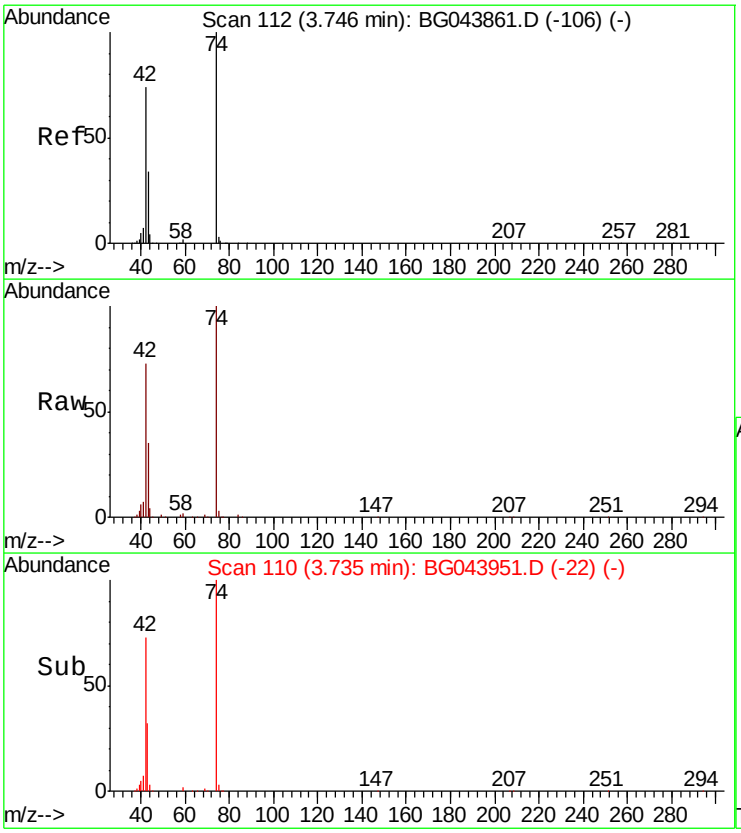


#3
Pyridine
Concen: 32.238 ng
RT: 3.82 min Scan# 125
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 79 Resp: 258348

Ion	Ratio	Lower	Upper
79	100		
52	68.2	58.9	88.3
51	33.7	28.6	43.0

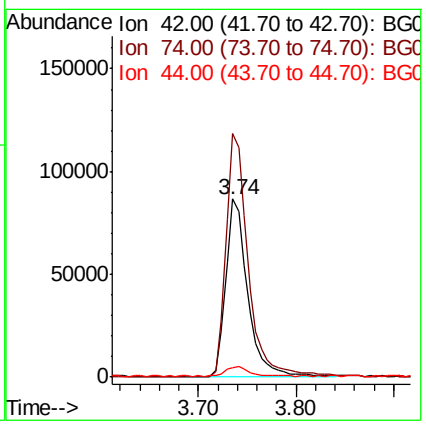


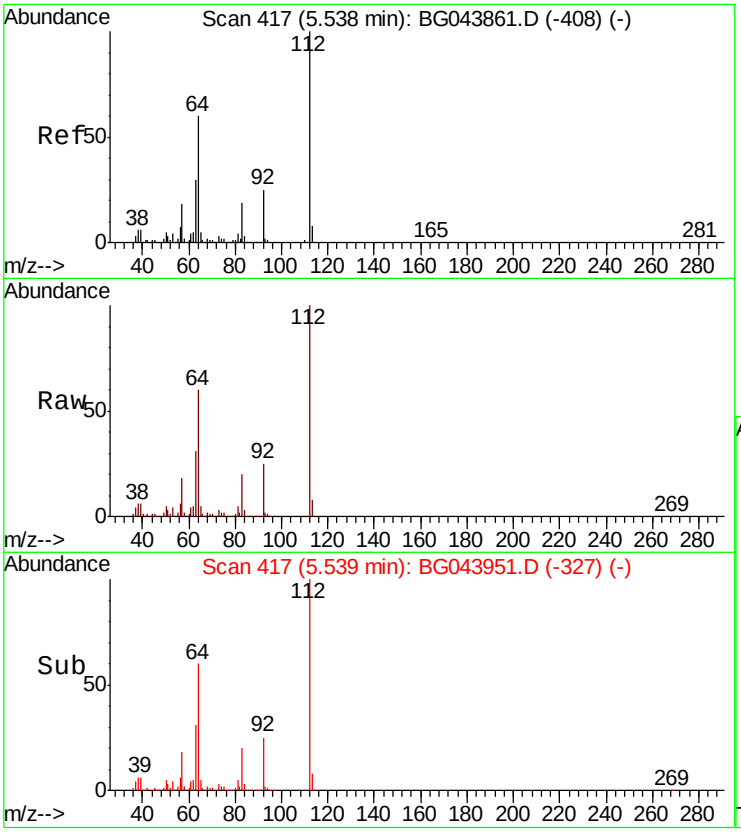


#4
n-Nitrosodimethylamine
Concen: 37.670 ng
RT: 3.74 min Scan# 110
Delta R.T. -0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 42 Resp: 134403

Ion	Ratio	Lower	Upper
42	100		
74	136.9	108.6	162.8
44	5.3	5.0	7.6



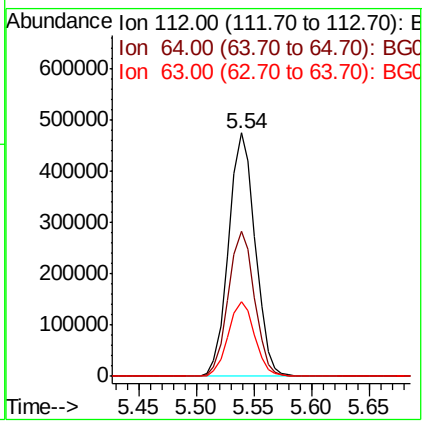


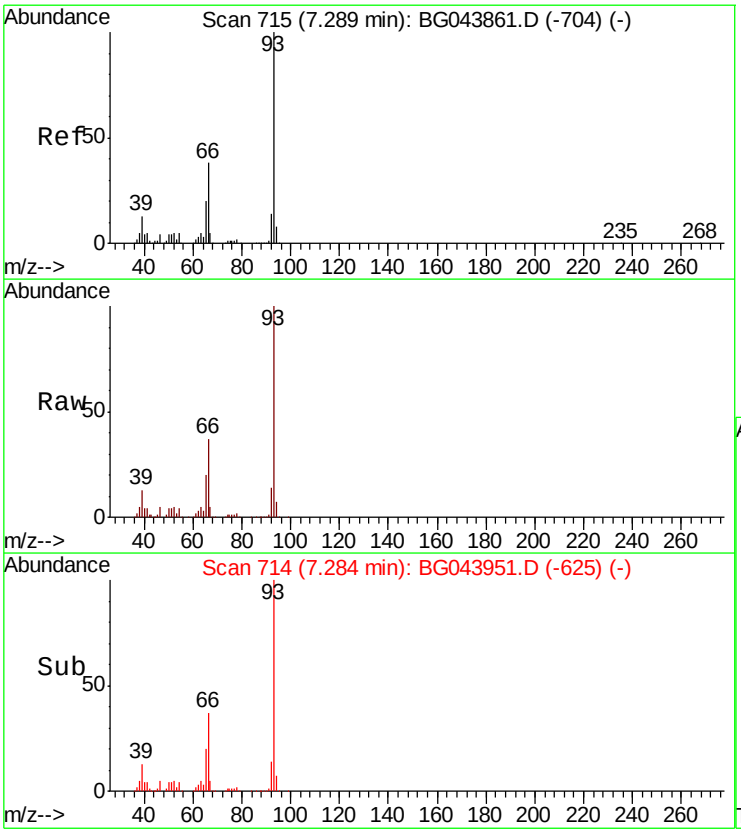
#5
2-Fluorophenol
Concen: 121.553 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 756245

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.8	71.6
63	30.9	24.3	36.5

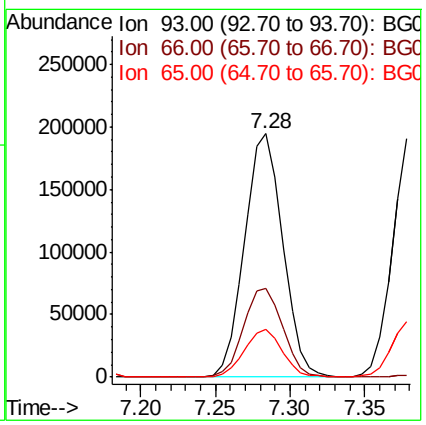


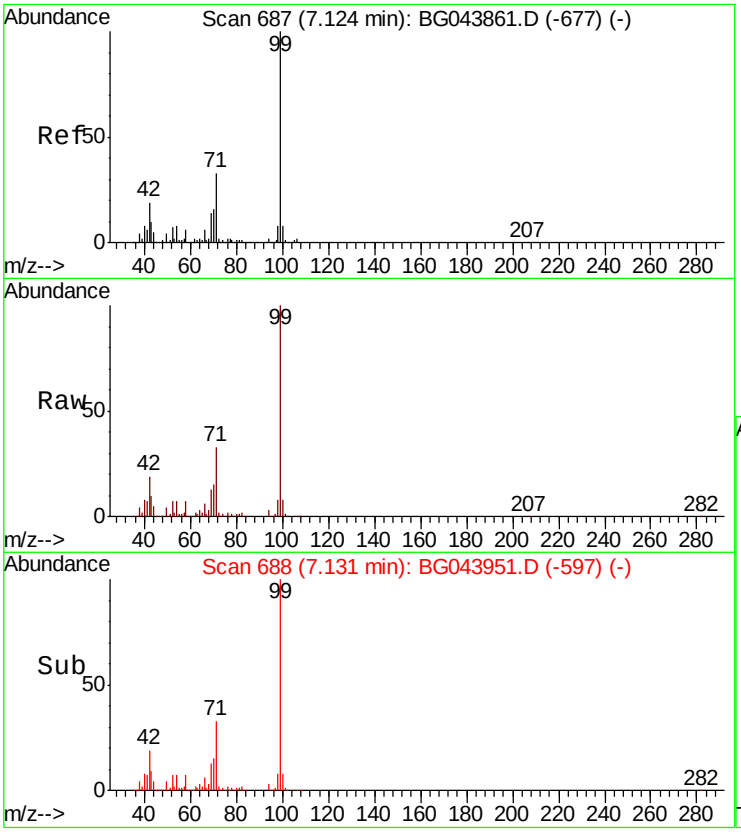


#6
Aniline
Concen: 30.139 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 93 Resp: 344271

Ion	Ratio	Lower	Upper
93	100		
66	36.7	30.8	46.2
65	19.6	16.0	24.0



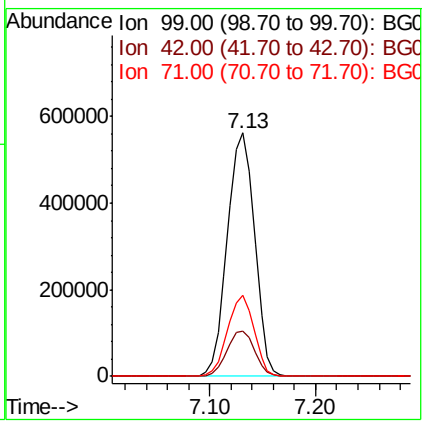


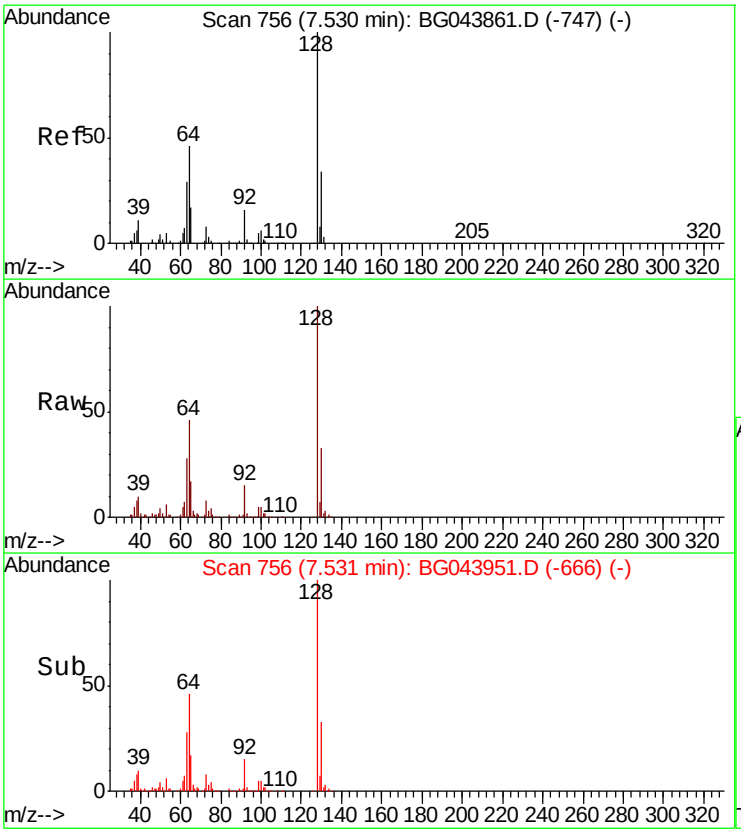
#7
Phenol-d6
Concen: 115.337 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1003036

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	33.1	26.4	39.6

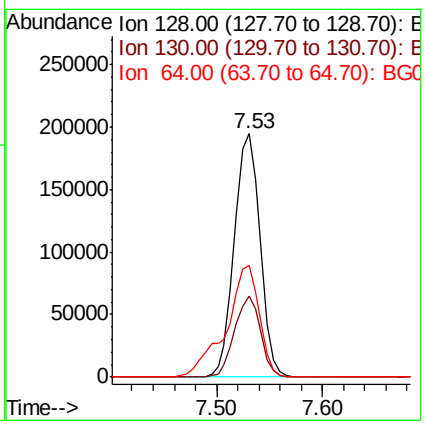


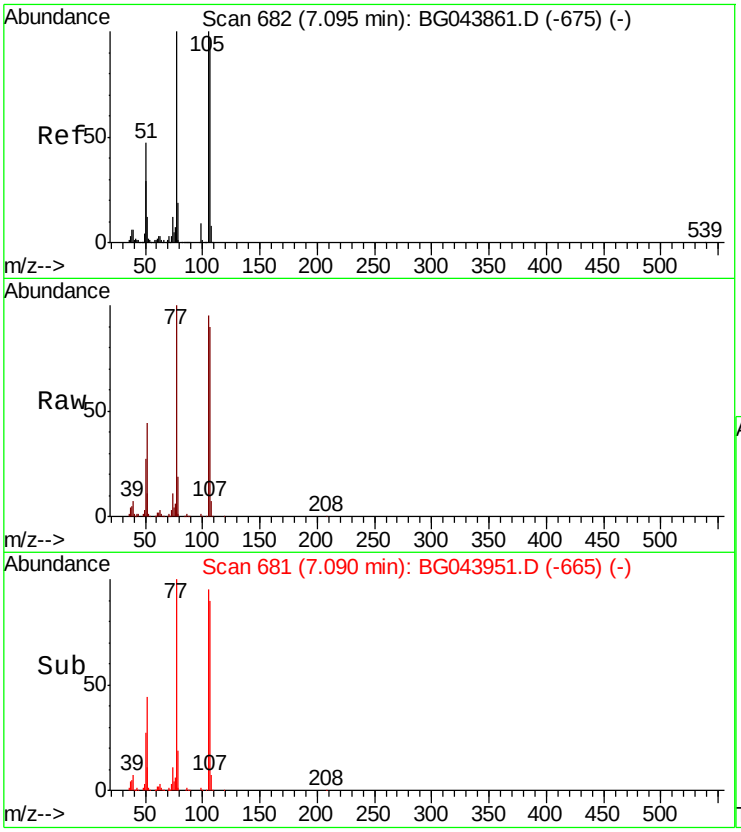


#8
2-Chlorophenol
Concen: 44.856 ng
RT: 7.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:128 Resp: 327627

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.8	53.8
64	45.7	27.6	67.6



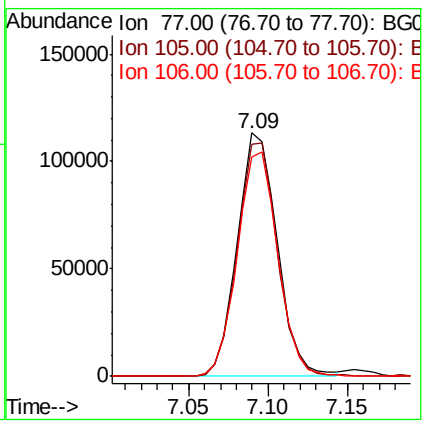


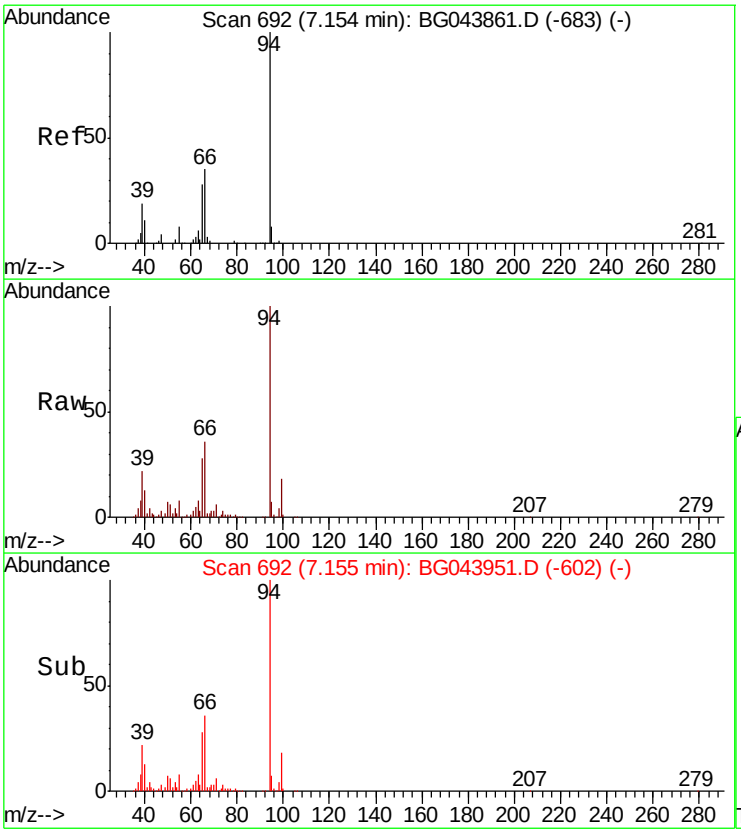
#9
Benzaldehyde
Concen: 35.663 ng
RT: 7.09 min Scan# 681
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 198499

Ion	Ratio	Lower	Upper
77	100		
105	95.4	80.2	120.2
106	90.3	77.2	117.2

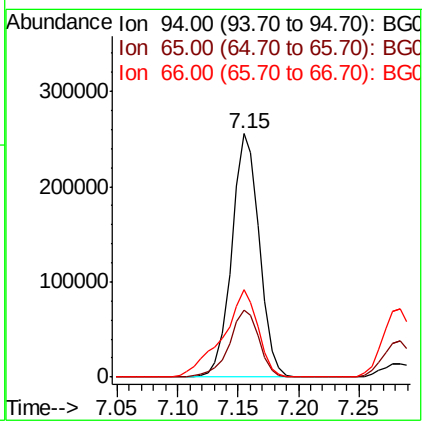


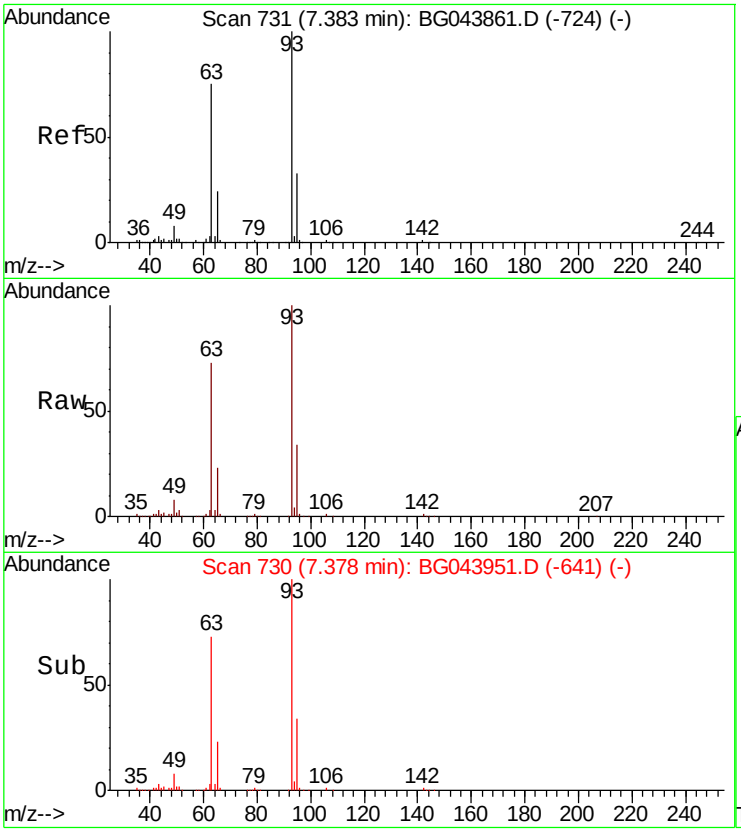


#10
Phenol
Concen: 45.199 ng
RT: 7.15 min Scan# 692
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 94 Resp: 404996

Ion	Ratio	Lower	Upper
94	100		
65	27.6	8.1	48.1
66	35.8	15.6	55.6



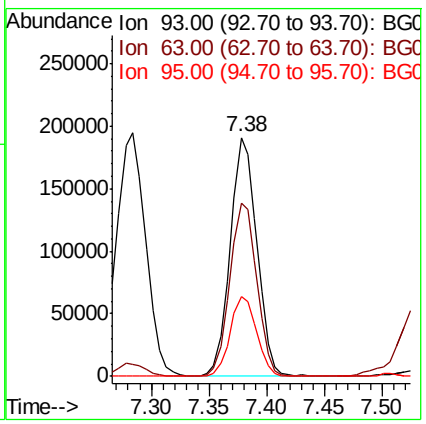


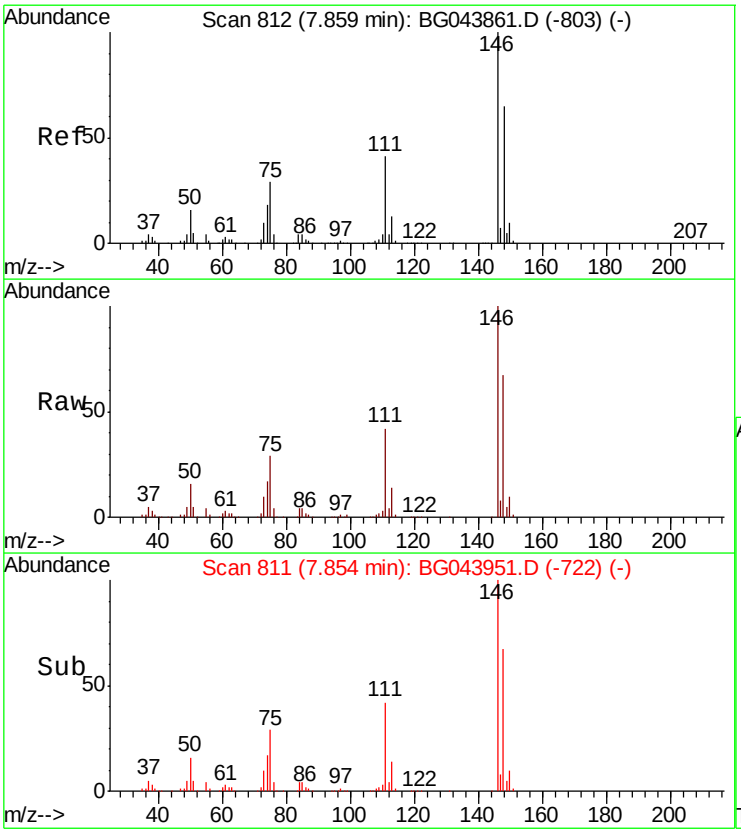
#11
bis(2-Chloroethyl)ether
Concen: 39.421 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 304903

Ion	Ratio	Lower	Upper
93	100		
63	72.8	55.0	95.0
95	33.6	13.3	53.3

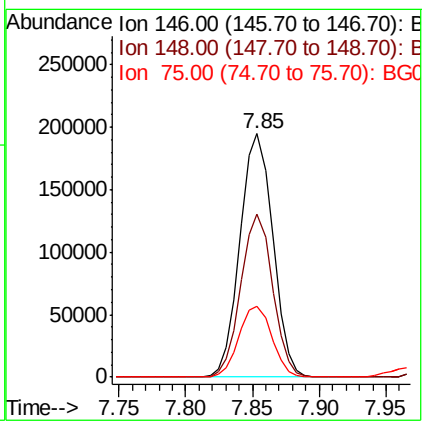


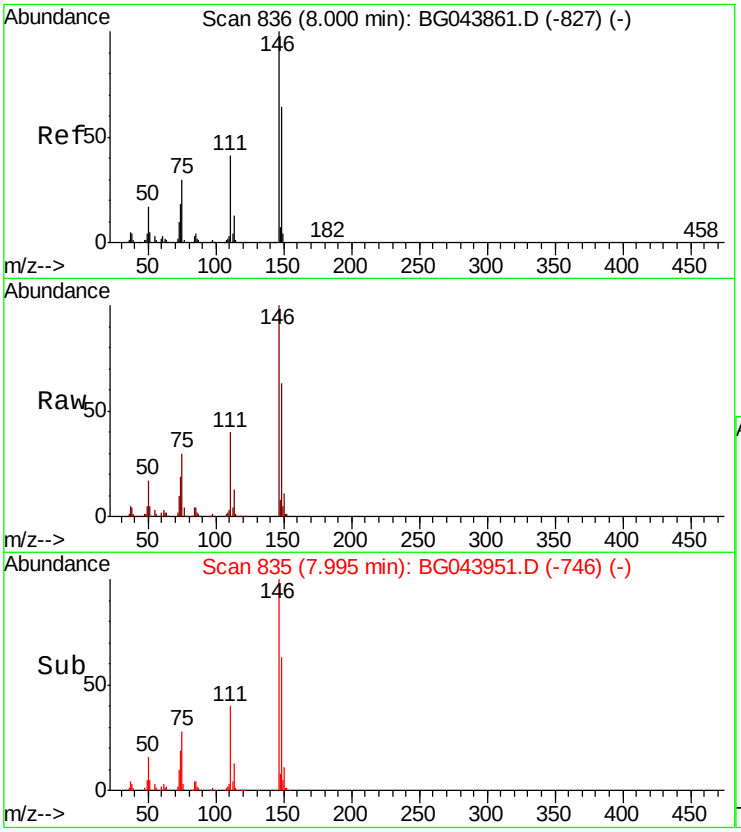


#12
1,3-Dichlorobenzene
Concen: 38.800 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:146 Resp: 331627

Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.1	78.1
75	29.2	23.0	34.4



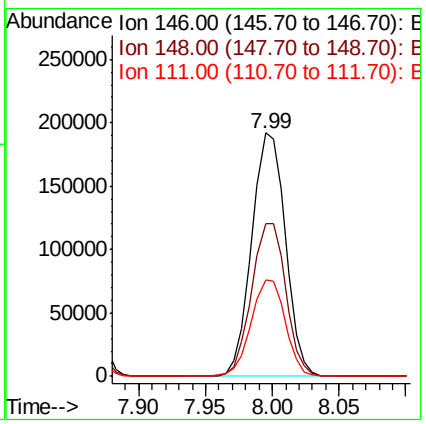


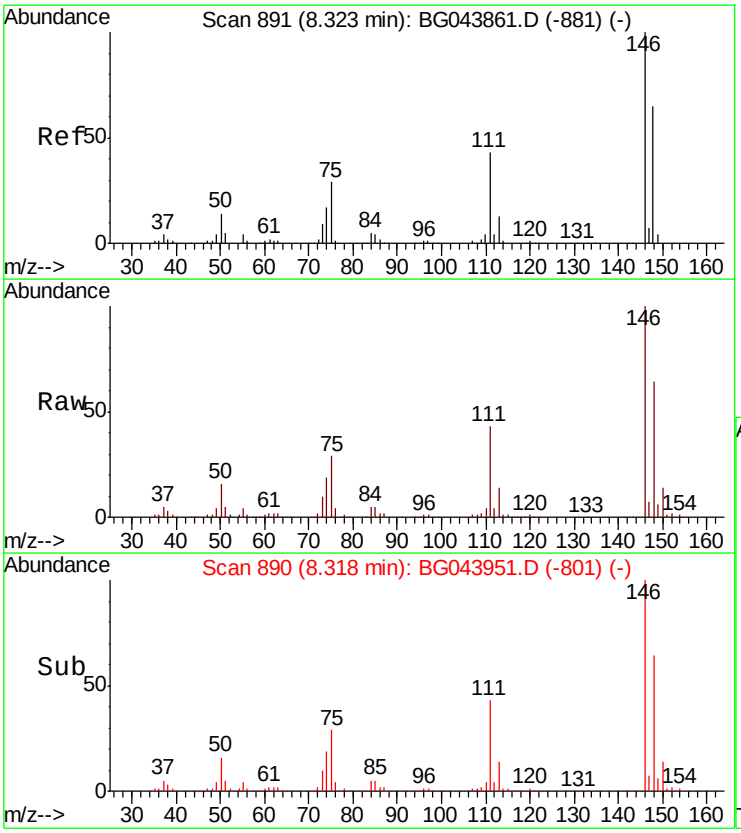
#13
1,4-Dichlorobenzene
Concen: 39.683 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 334659

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
111	39.9	33.1	49.7

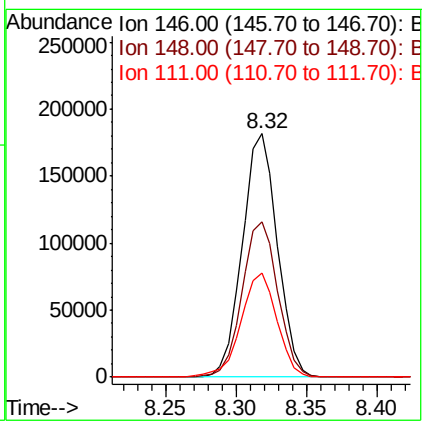


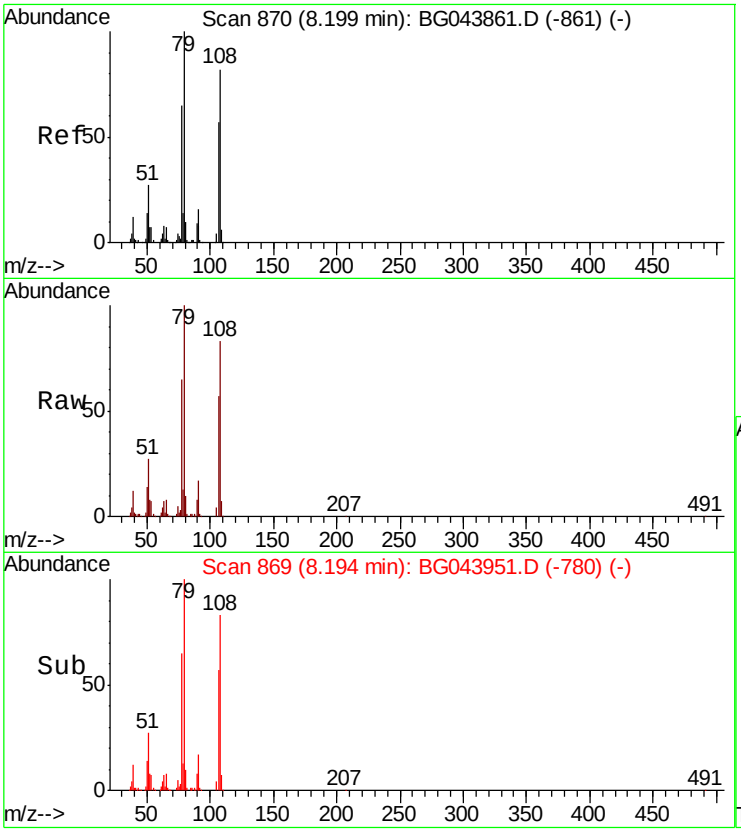


#14
1,2-Dichlorobenzene
Concen: 38.960 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:146 Resp: 315369

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	42.8	34.4	51.6



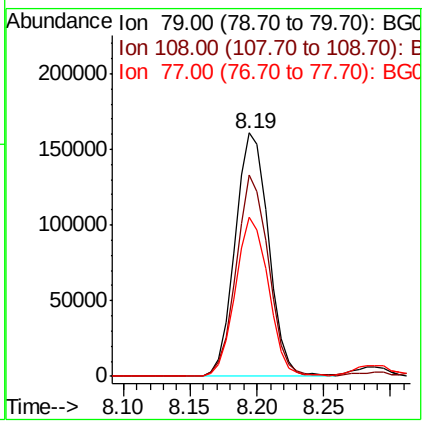


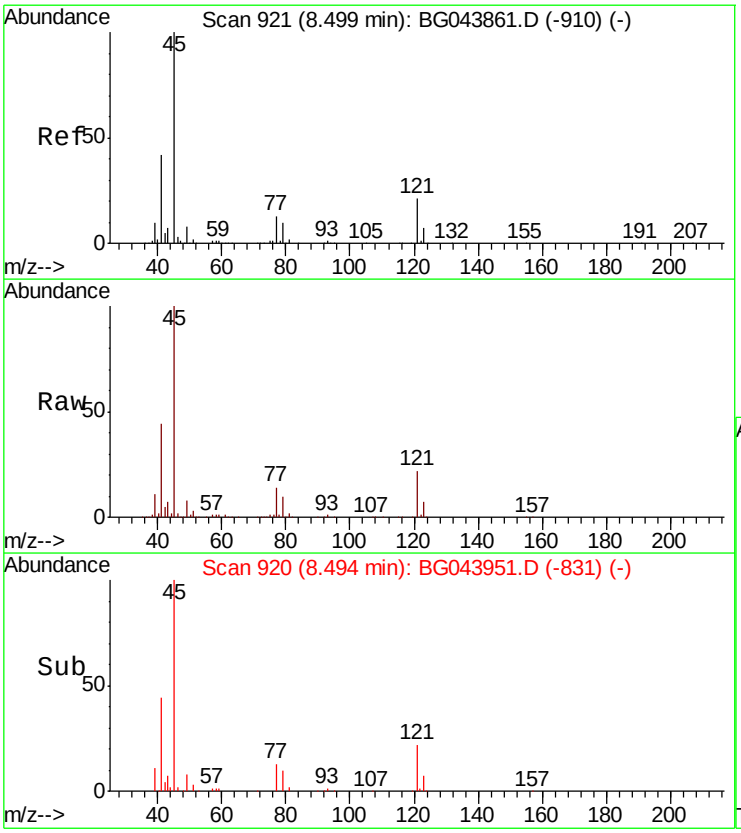
#15
Benzyl Alcohol
Concen: 40.733 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 279575

Ion	Ratio	Lower	Upper
79	100		
108	82.5	65.6	98.4
77	65.4	52.0	78.0

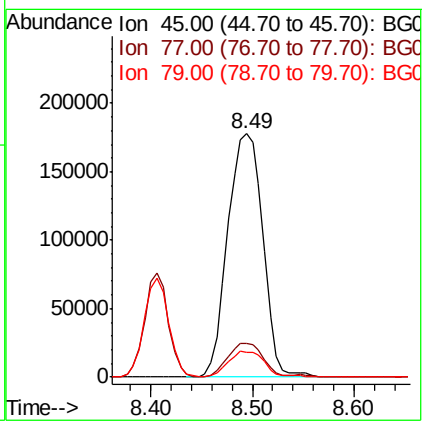


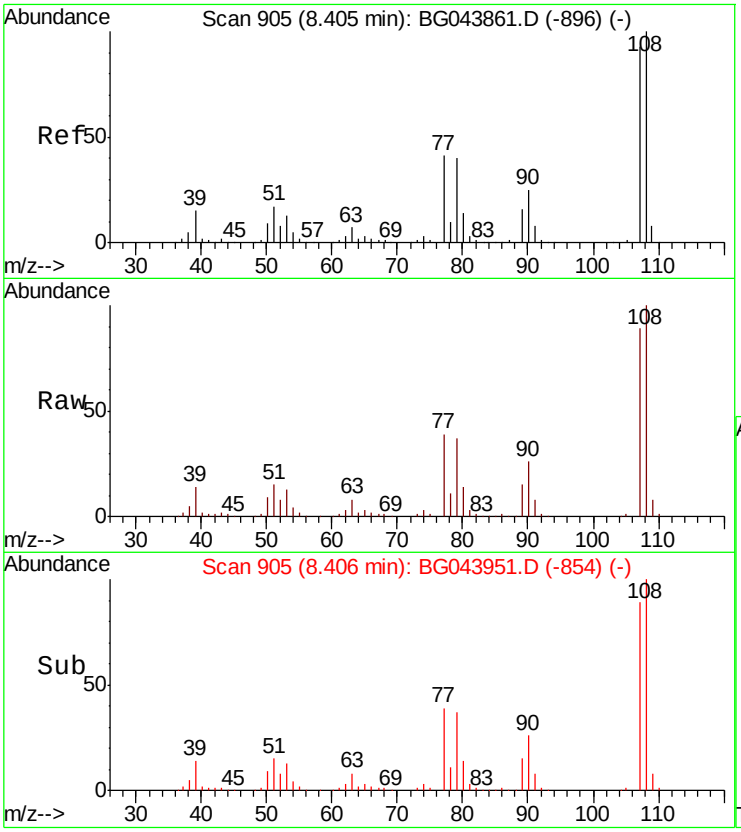


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.673 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 45 Resp: 426869

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.8
79	10.3	0.0	31.0



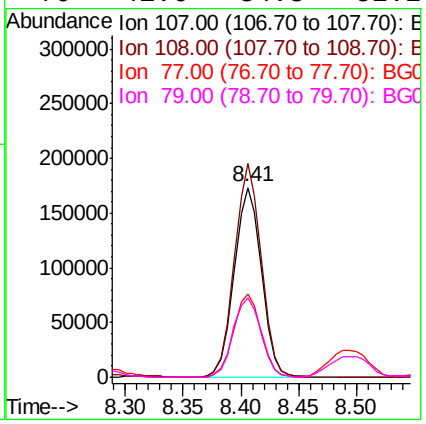


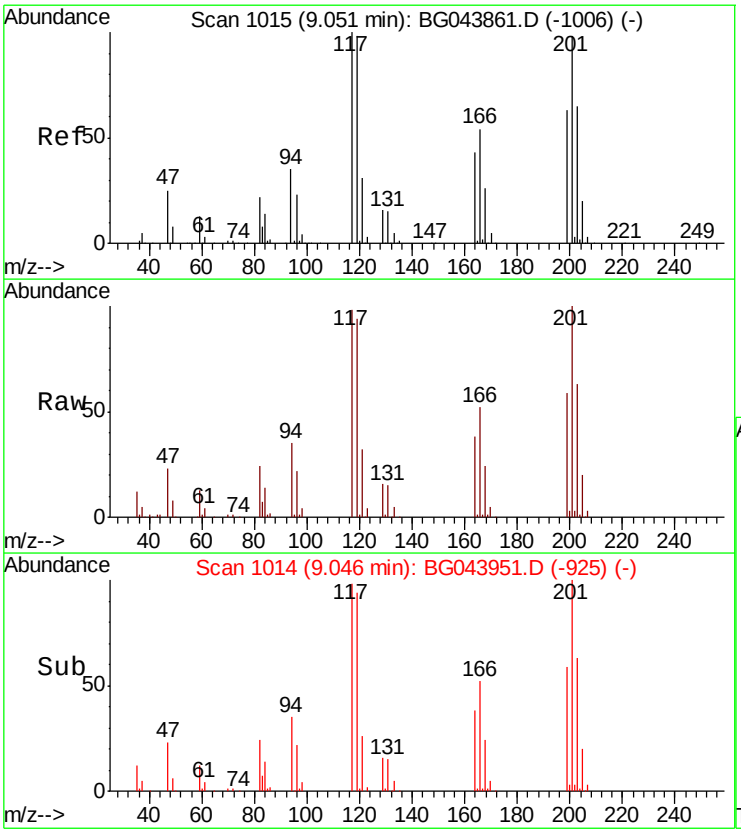
#17
2-Methylphenol
Concen: 43.679 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 283221

Ion	Ratio	Lower	Upper
107	100		
108	112.5	86.1	129.1
77	43.8	35.4	53.0
79	41.6	34.8	52.2

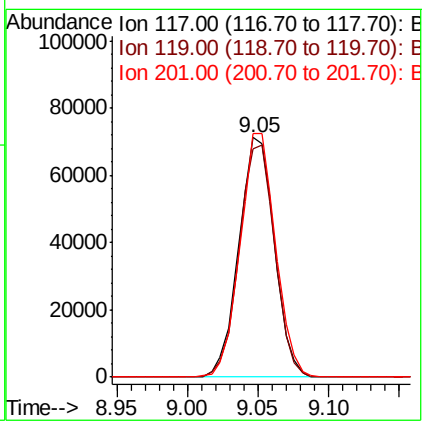


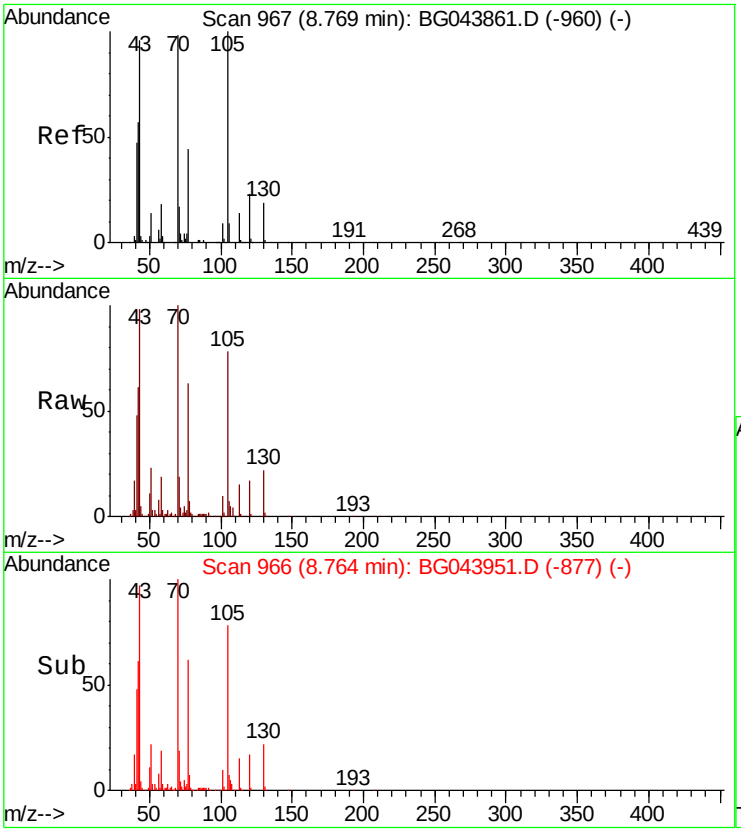


#18
Hexachloroethane
Concen: 38.315 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:117 Resp: 125732

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.1	117.1
201	101.7	78.6	117.8



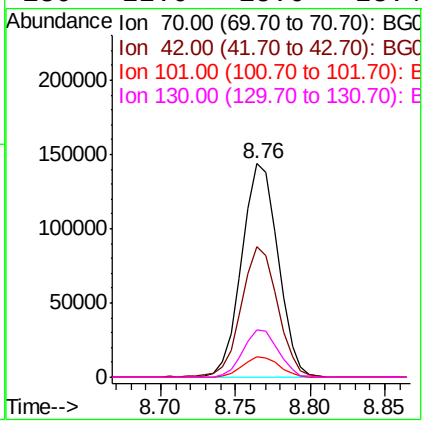


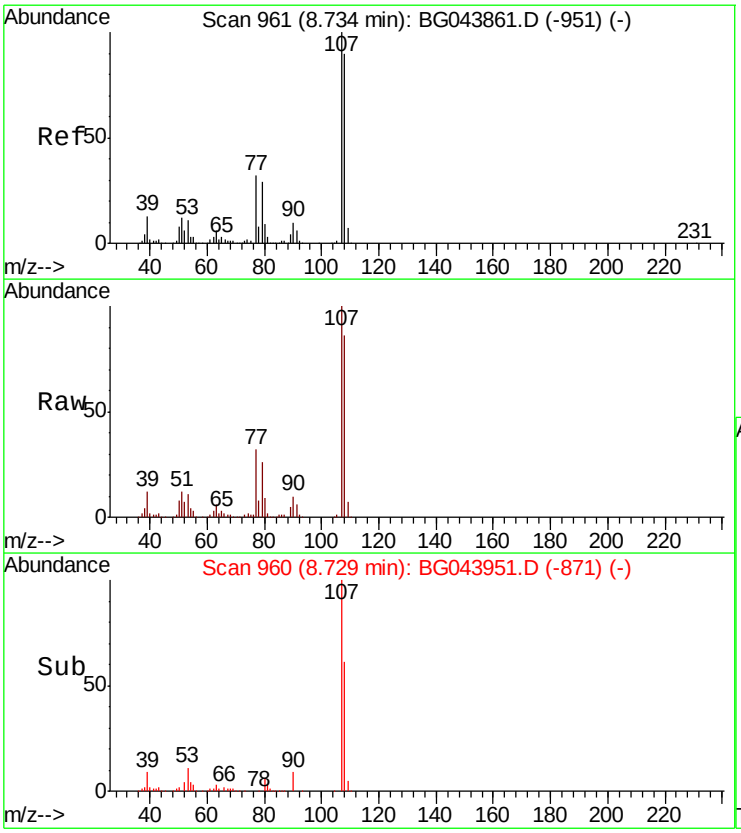
#19
n-Nitroso-di-n-propylamine
Concen: 37.406 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 242256

Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.0	70.4
101	9.7	7.2	10.8
130	22.0	15.6	23.4

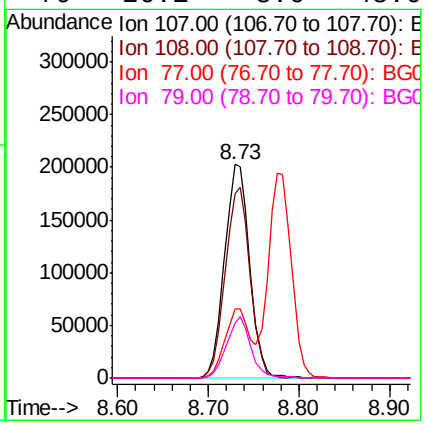


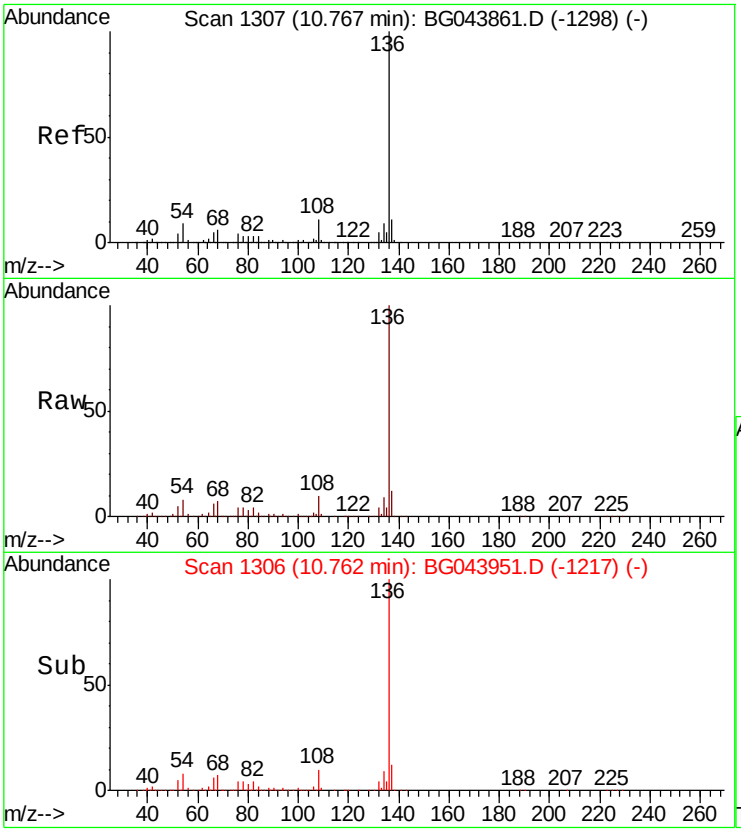


#20
3+4-Methylphenols
Concen: 43.206 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:107 Resp: 390826

Ion	Ratio	Lower	Upper
107	100		
108	86.2	70.3	110.3
77	32.3	12.4	52.4
79	26.1	8.6	48.6



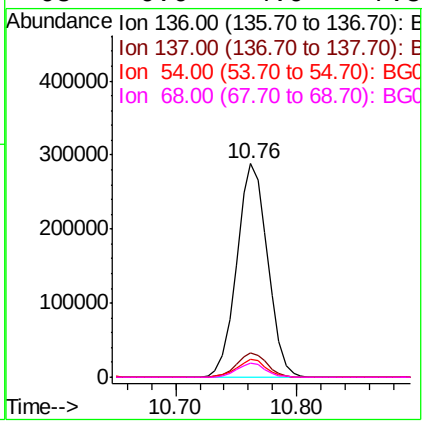


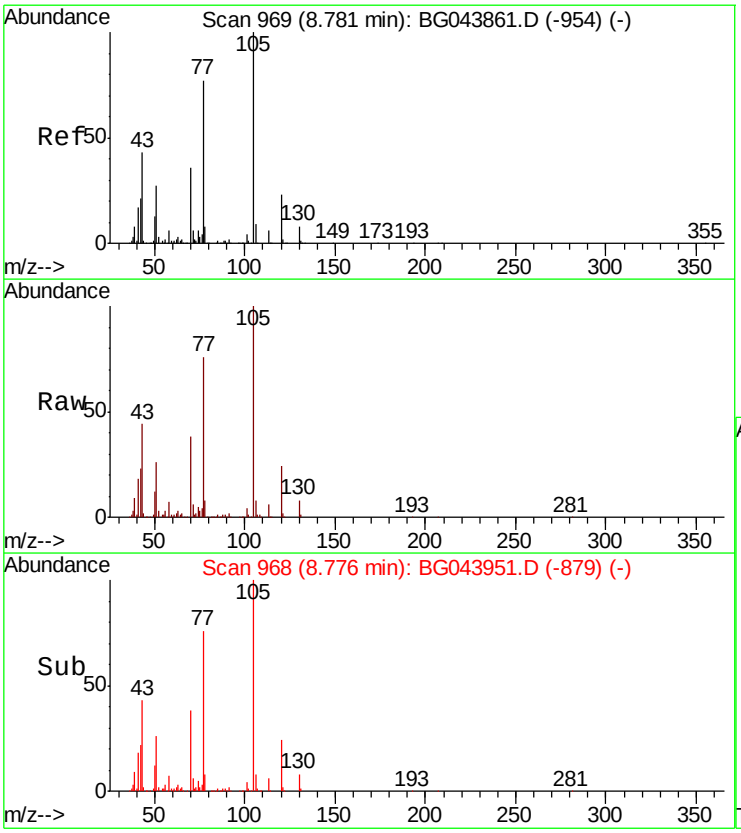
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 511923

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.2	7.0	10.4
68	6.6	4.9	7.3

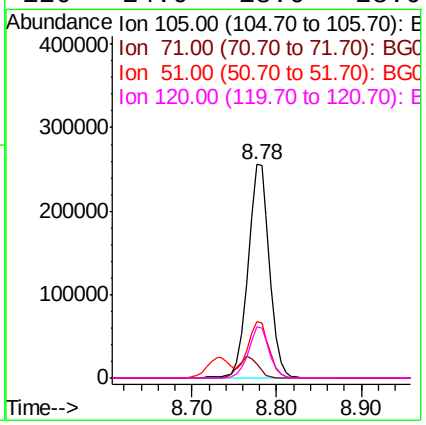


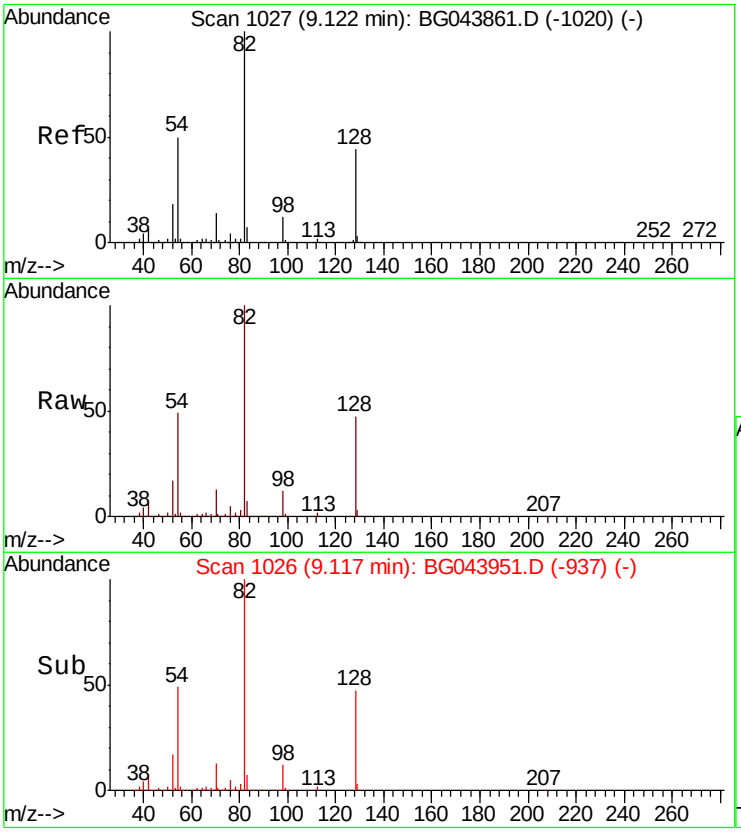


#22
Acetophenone
Concen: 35.599 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:105 Resp: 453058

Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.8	7.2
51	26.4	21.4	32.0
120	24.0	18.6	28.0



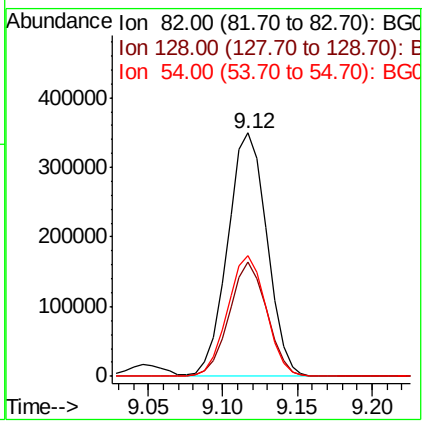


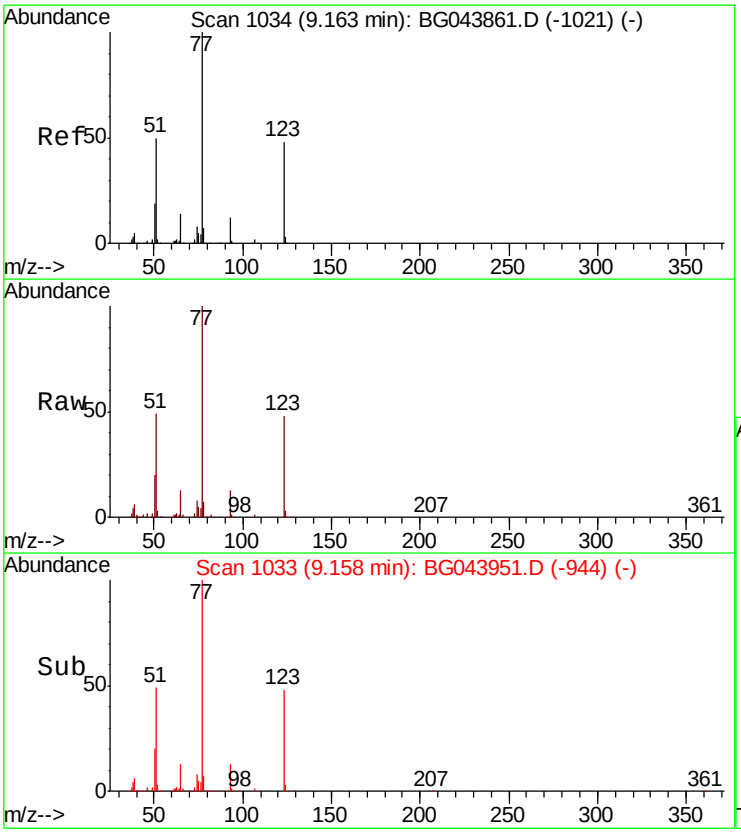
#23
Nitrobenzene-d5
Concen: 66.990 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 641057

Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.1	52.7
54	49.4	40.1	60.1

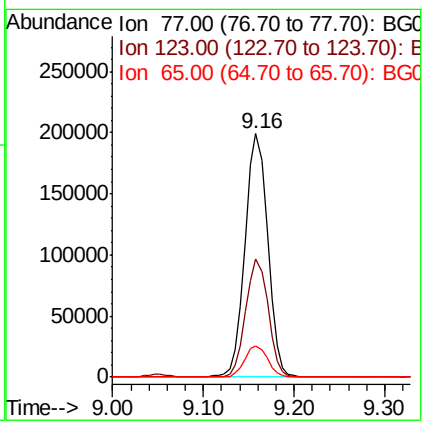


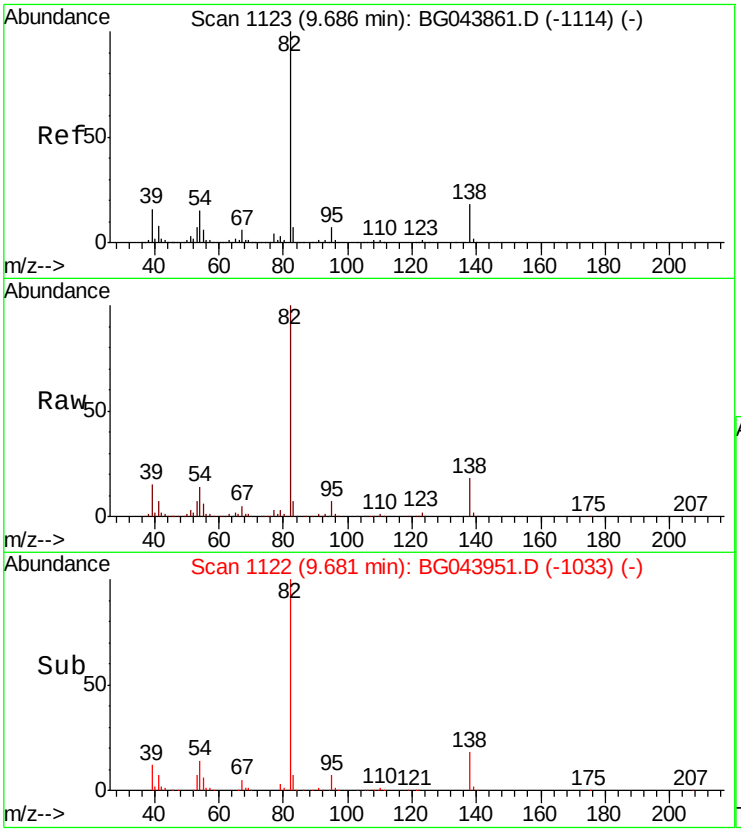


#24
Nitrobenzene
Concen: 36.519 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 77 Resp: 346116

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.7	58.1
65	13.0	11.1	16.7



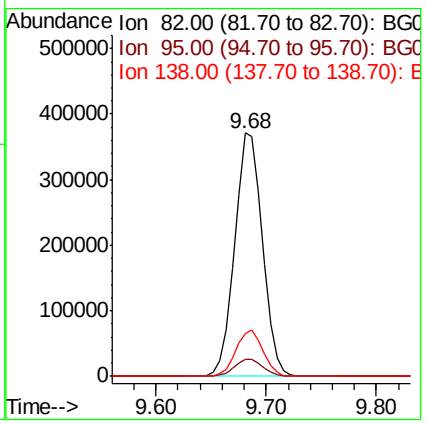


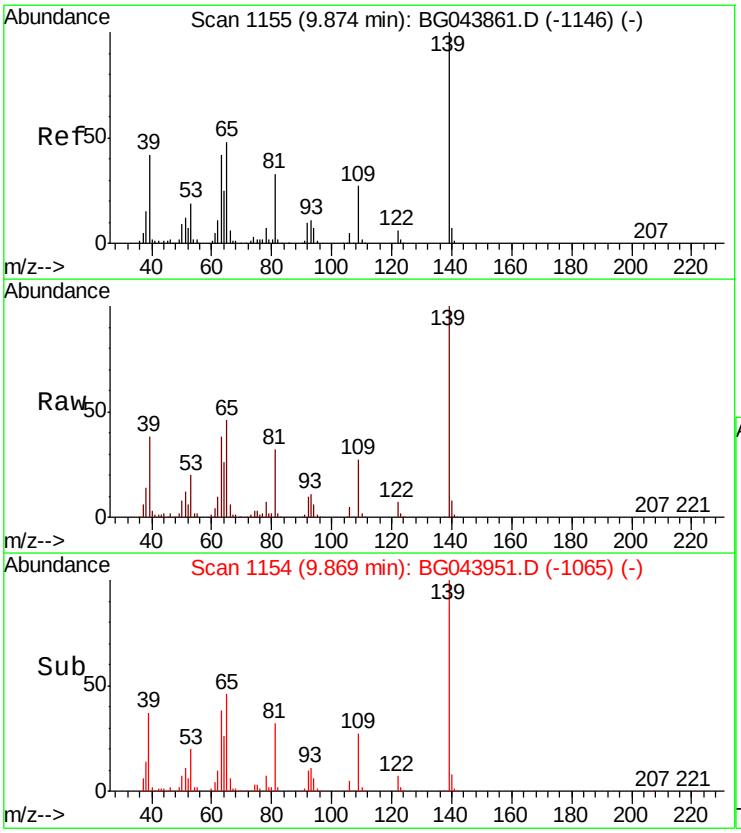
#25
Isophorone
Concen: 36.580 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 656720

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	17.8	14.6	22.0

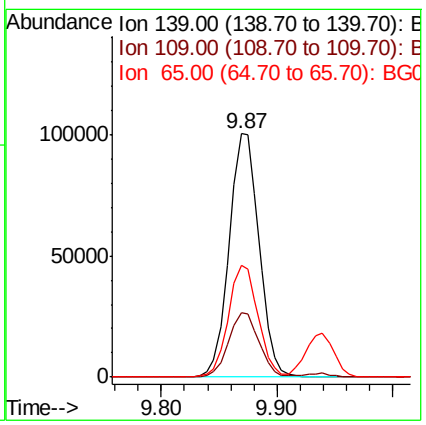


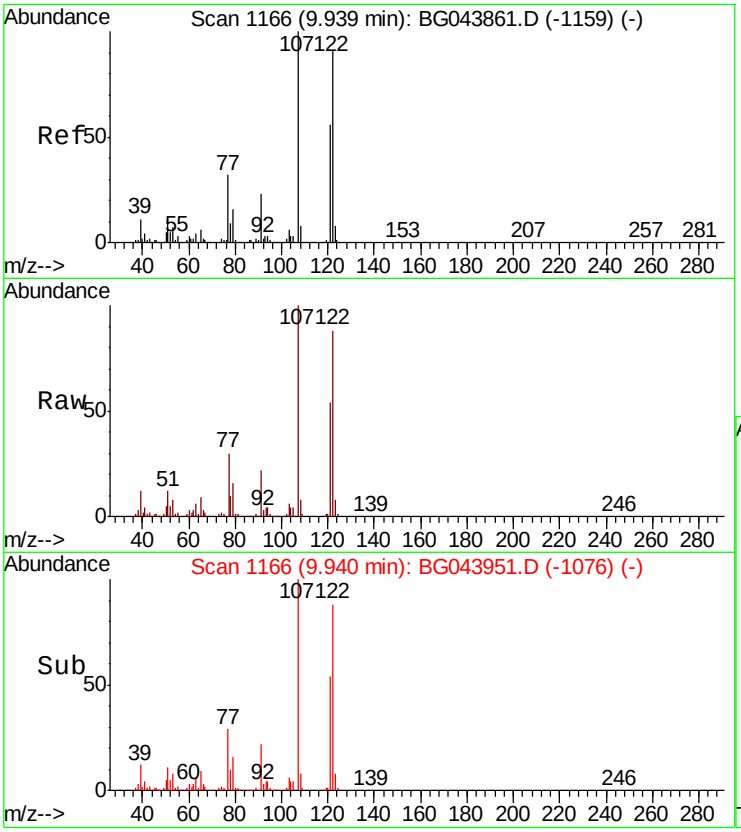


#26
2-Nitrophenol
Concen: 40.114 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:139 Resp: 179875

Ion	Ratio	Lower	Upper
139	100		
109	26.7	21.3	31.9
65	45.9	38.6	57.8



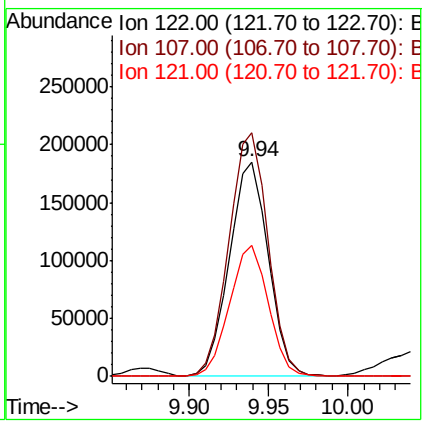


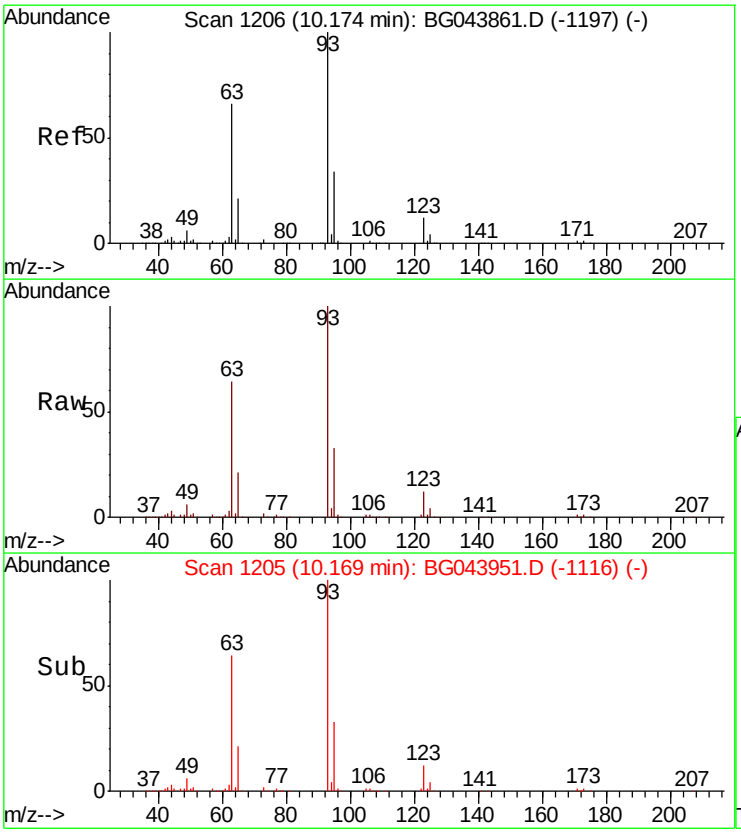
#27
2,4-Dimethylphenol
Concen: 46.500 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 313871

Ion	Ratio	Lower	Upper
122	100		
107	113.5	88.0	132.0
121	60.9	49.0	73.4

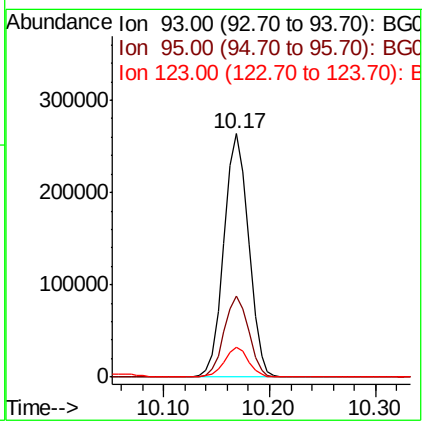


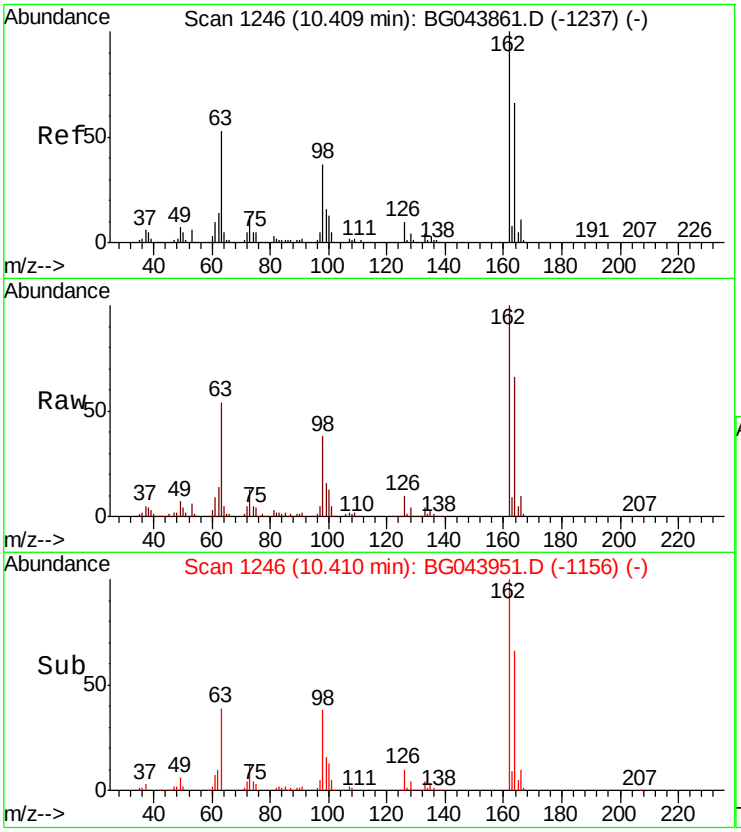


#28
bis(2-Chloroethoxy)methane
Concen: 35.624 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 93 Resp: 426385

Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.2	40.8
123	12.0	9.7	14.5



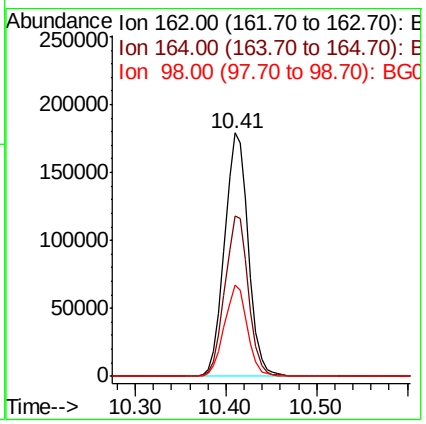


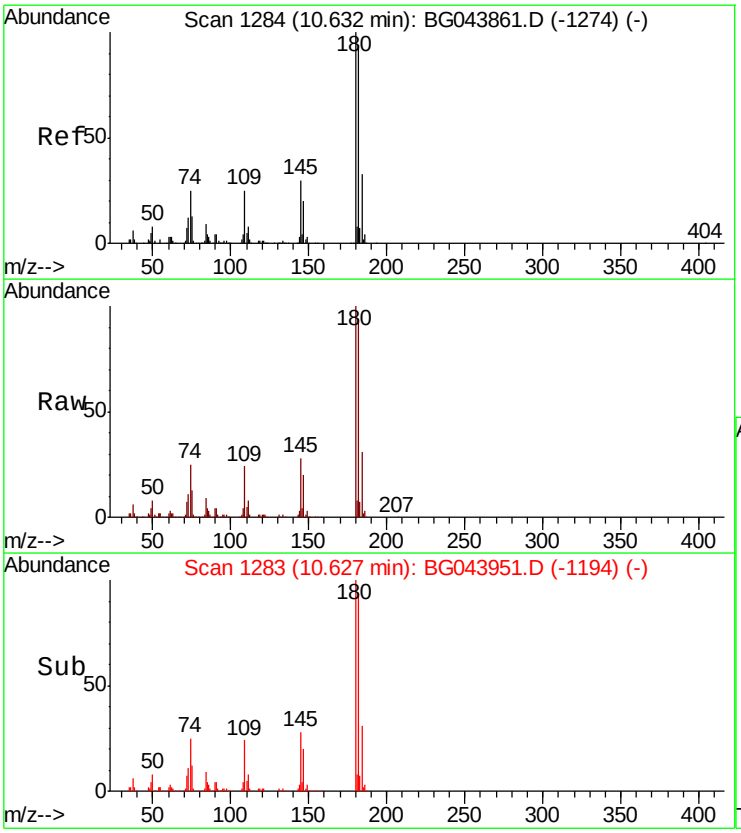
#29
2,4-Dichlorophenol
Concen: 40.435 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 325558

Ion	Ratio	Lower	Upper
162	100		
164	65.6	46.3	86.3
98	37.7	17.3	57.3

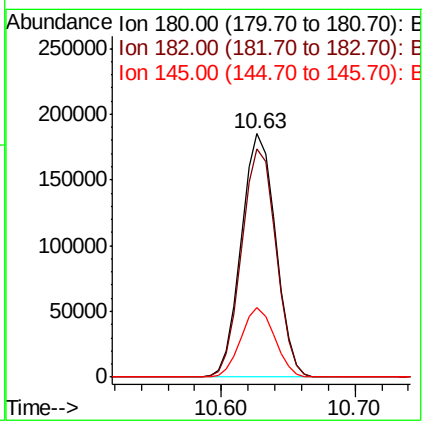


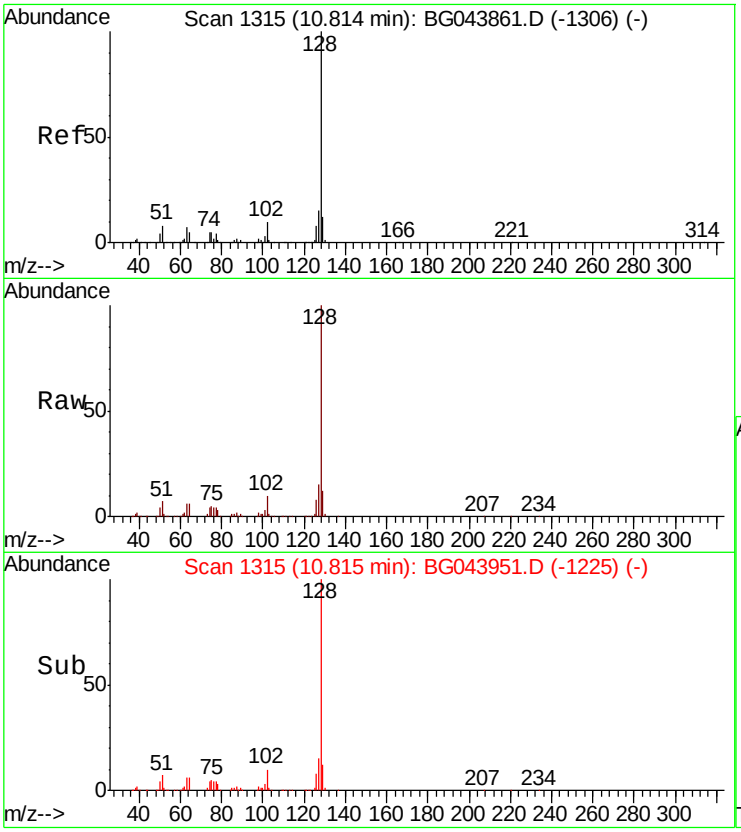


#30
1,2,4-Trichlorobenzene
Concen: 36.381 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:180 Resp: 328432

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.4
145	28.5	24.2	36.4



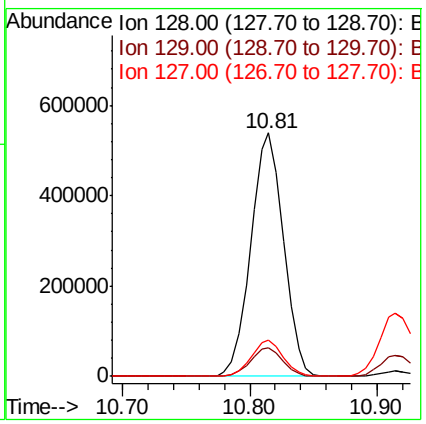


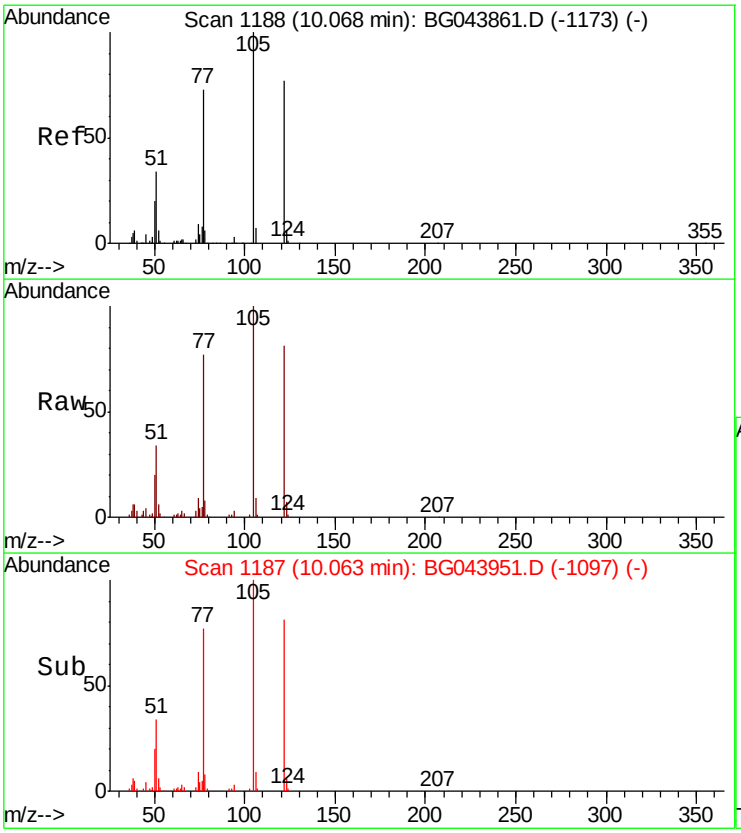
#31
Naphthalene
Concen: 38.983 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 965721

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.7	12.0	18.0

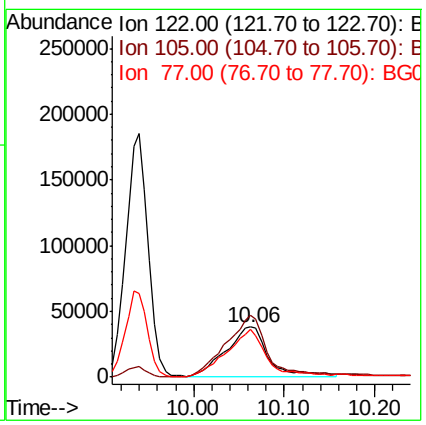


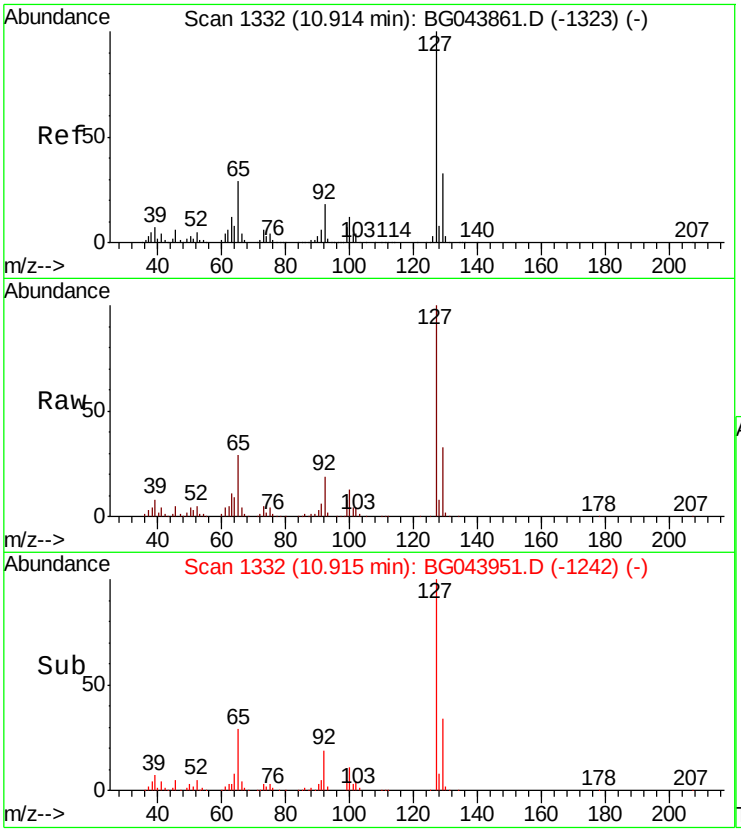


#32
Benzoic acid
Concen: 24.837 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:122 Resp: 117425

Ion	Ratio	Lower	Upper
122	100		
105	123.7	106.4	146.4
77	95.6	74.6	114.6



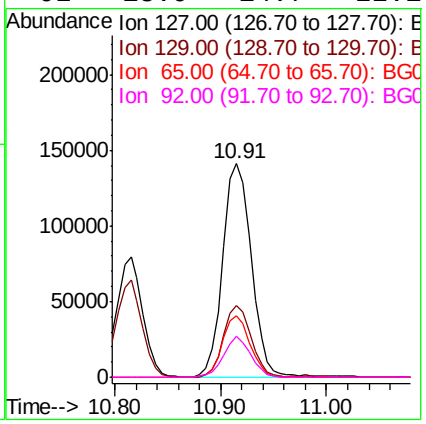


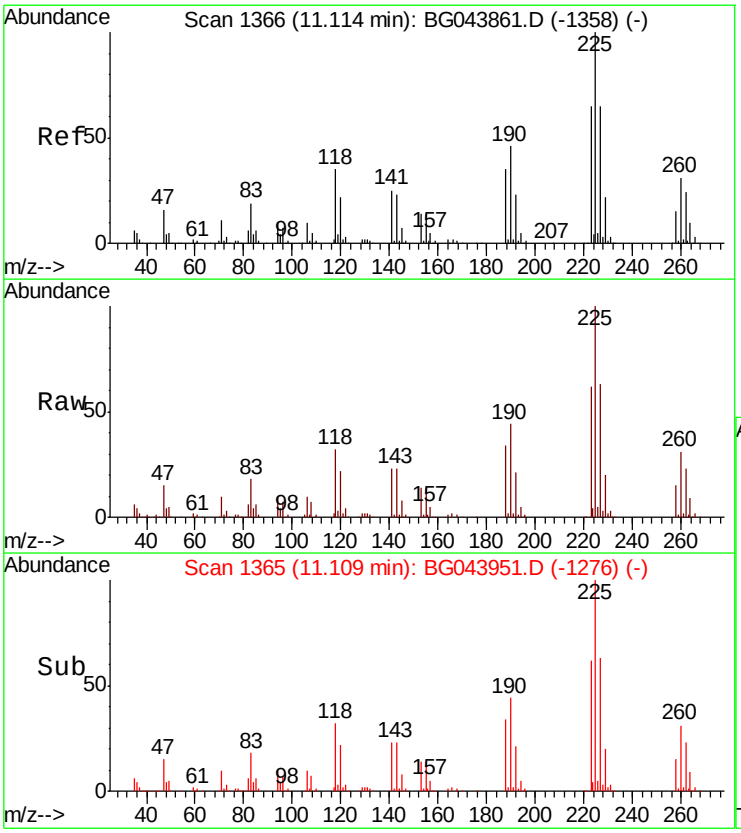
#33
4-Chloroaniline
Concen: 22.427 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 264986

Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	40.0
65	29.0	23.3	34.9
92	18.9	14.7	22.1

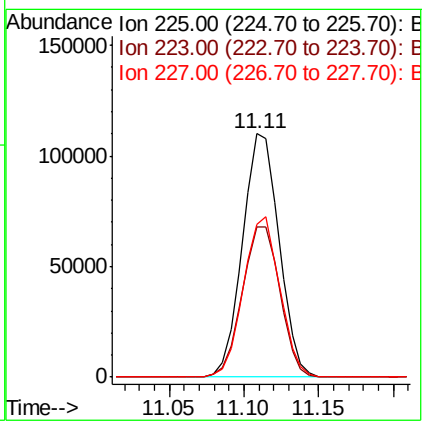


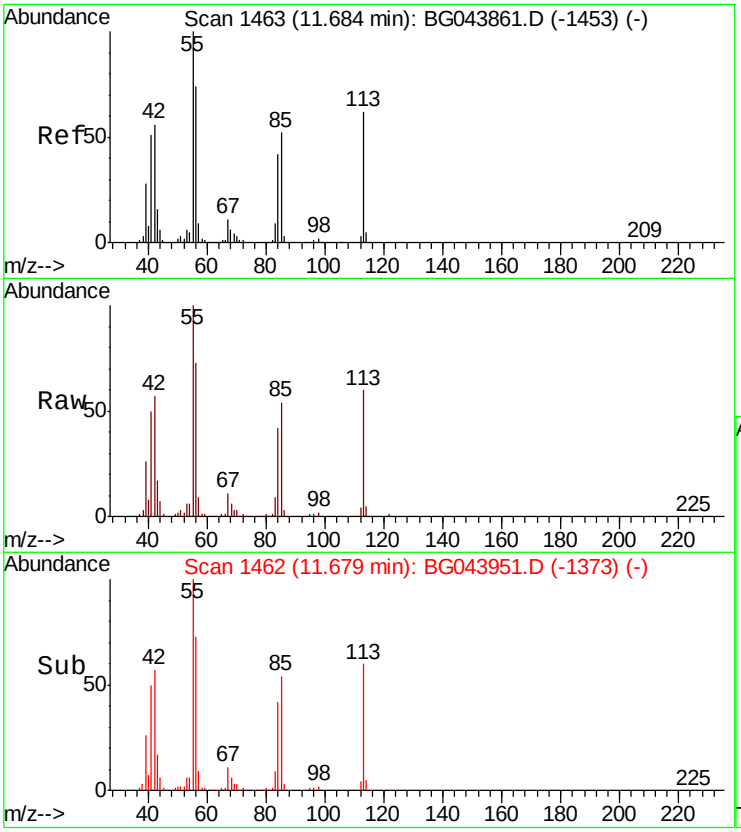


#34
Hexachlorobutadiene
Concen: 33.831 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:225 Resp: 186471

Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.2	78.4
227	62.6	52.1	78.1



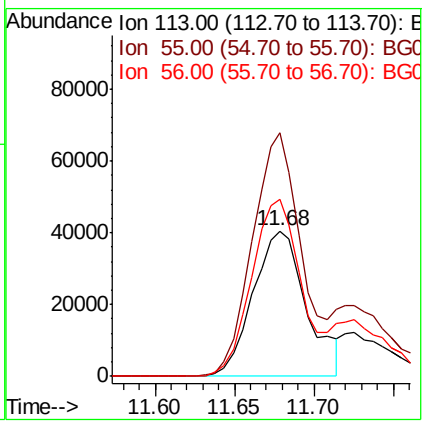


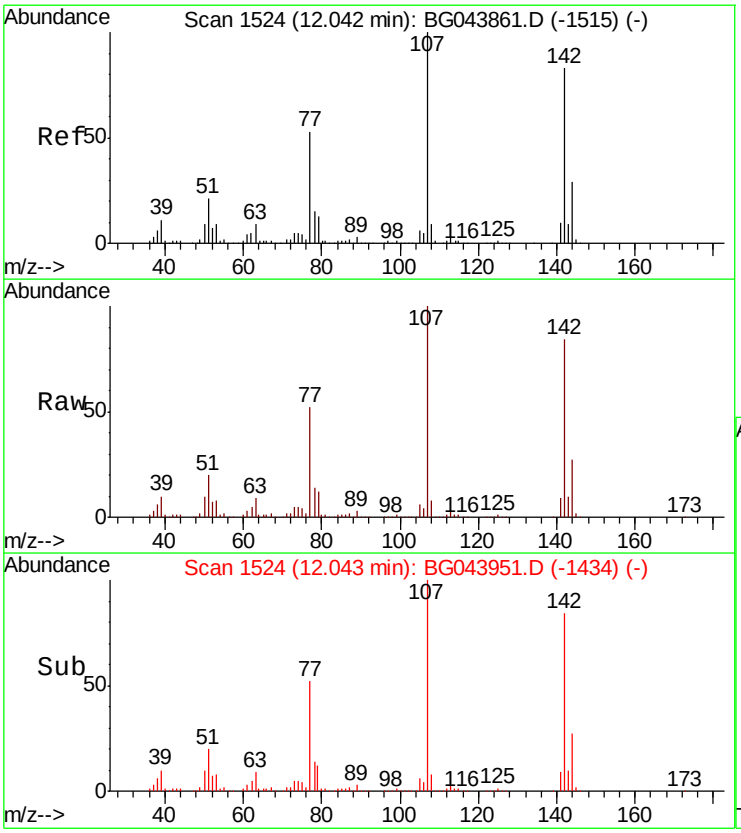
#35
Caprolactam
Concen: 31.500 ng
RT: 11.68 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 94416

Ion	Ratio	Lower	Upper
113	100		
55	167.5	142.5	182.5
56	122.0	101.4	141.4

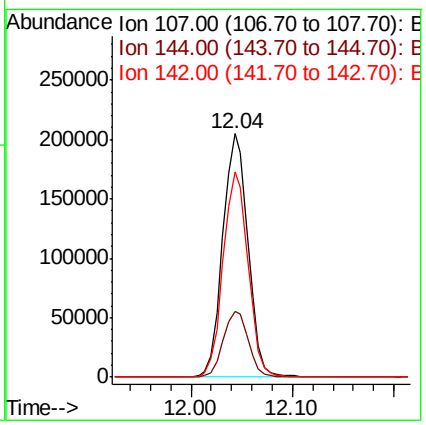


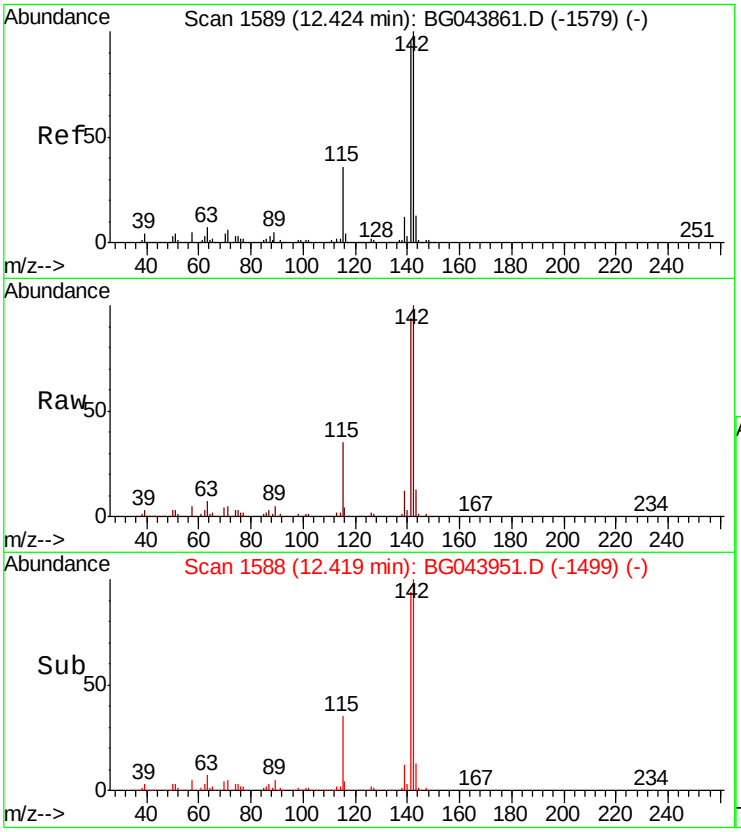


#36
4-Chloro-3-methylphenol
Concen: 41.174 ng
RT: 12.04 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:107 Resp: 352909

Ion	Ratio	Lower	Upper
107	100		
144	27.0	23.4	35.2
142	84.1	66.3	99.5



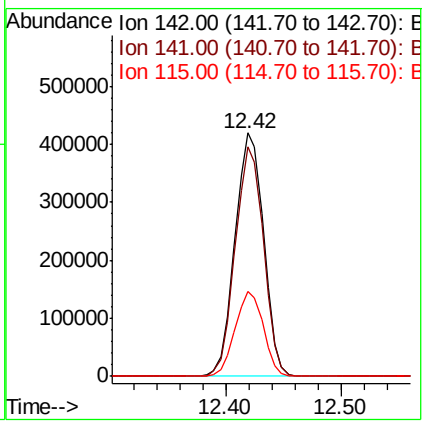


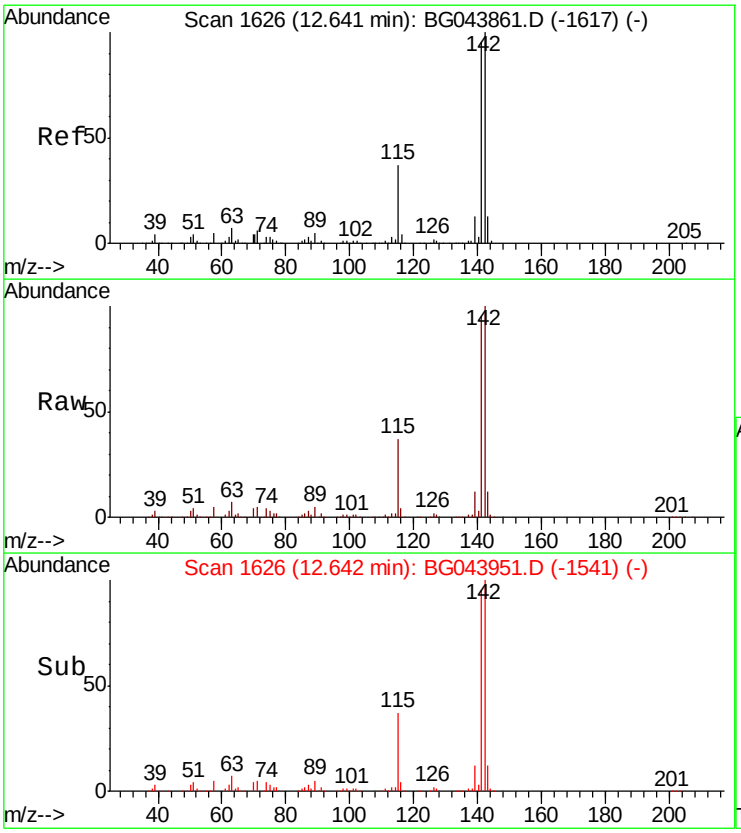
#37
2-Methylnaphthalene
Concen: 38.676 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 721330

Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.8
115	35.0	28.6	42.8

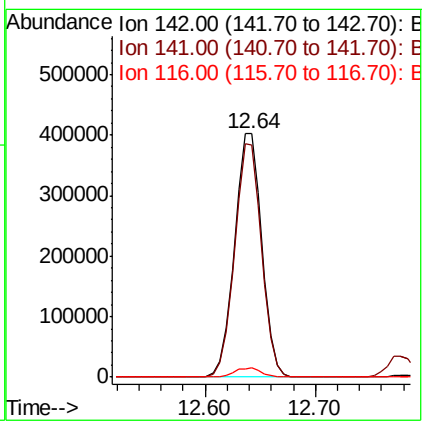


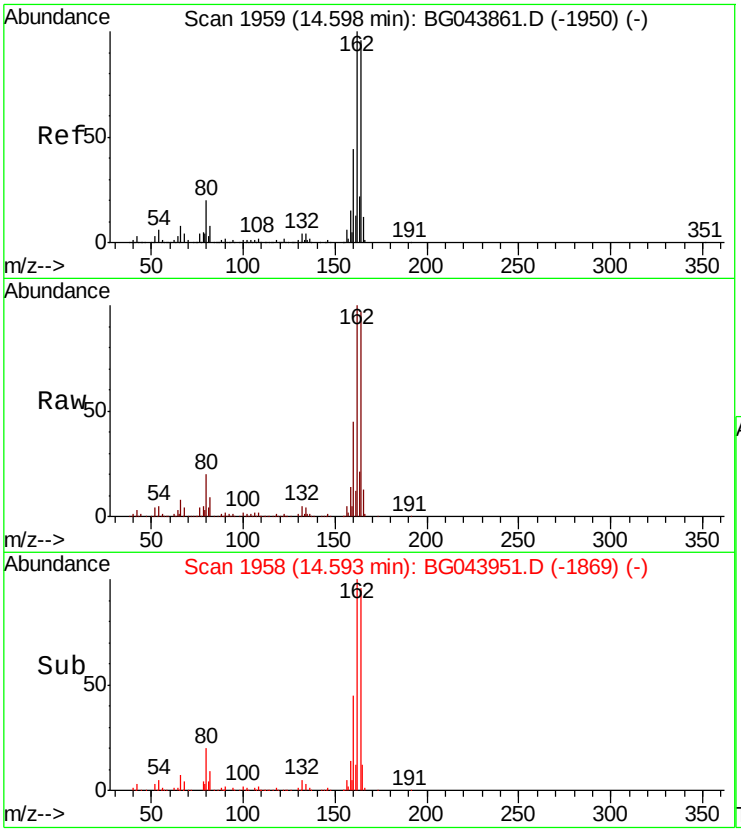


#38
1-Methylnaphthalene
Concen: 39.271 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:142 Resp: 694160

Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.0	114.0
116	3.8	3.1	4.7



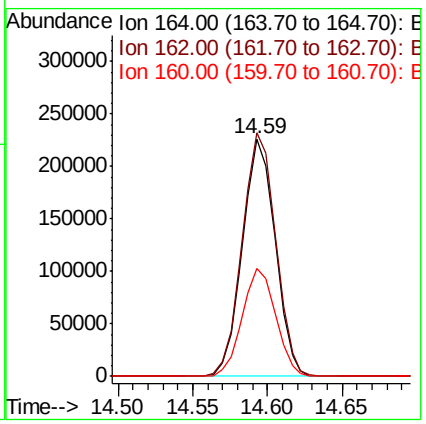


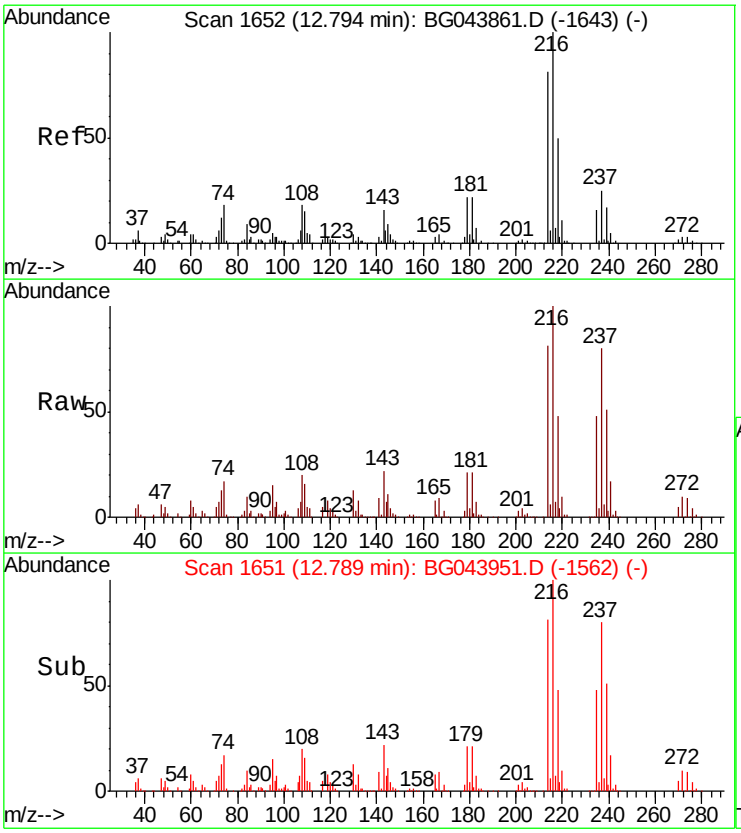
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 342672

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.4
160	45.7	36.1	54.1

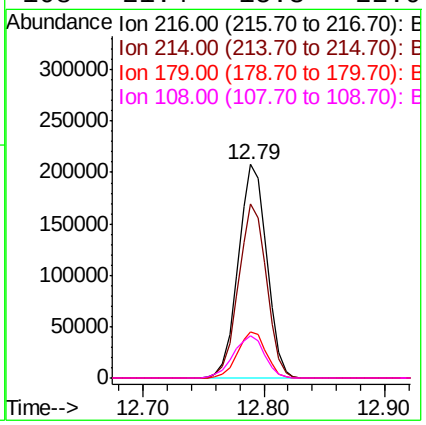


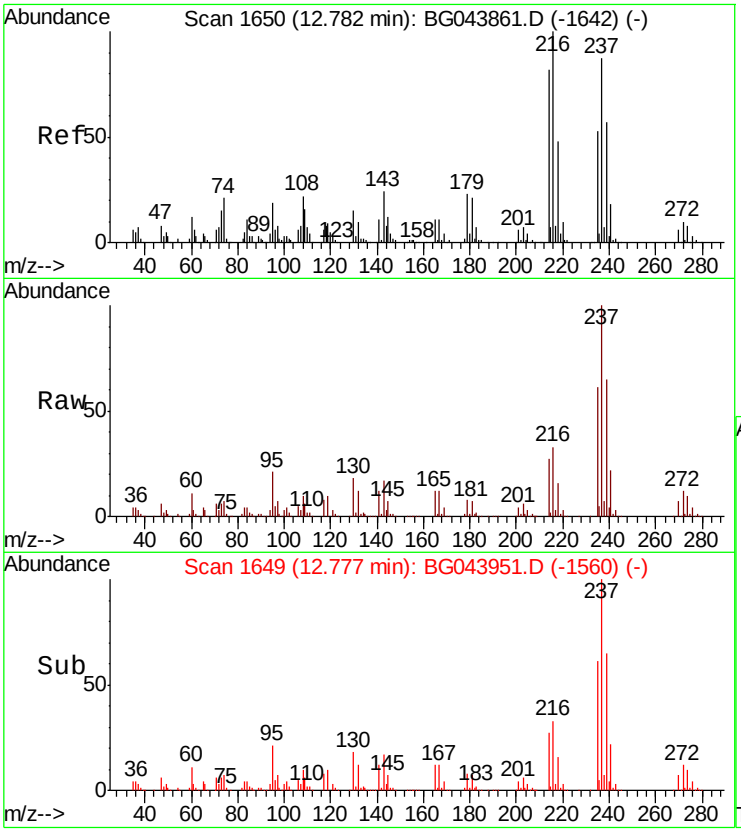


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.030 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:216 Resp: 341788

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	21.6	17.3	25.9
108	21.4	15.3	22.9



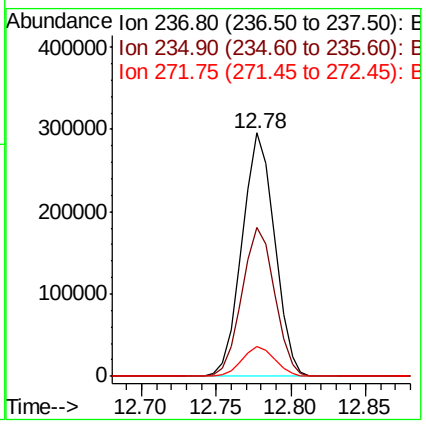


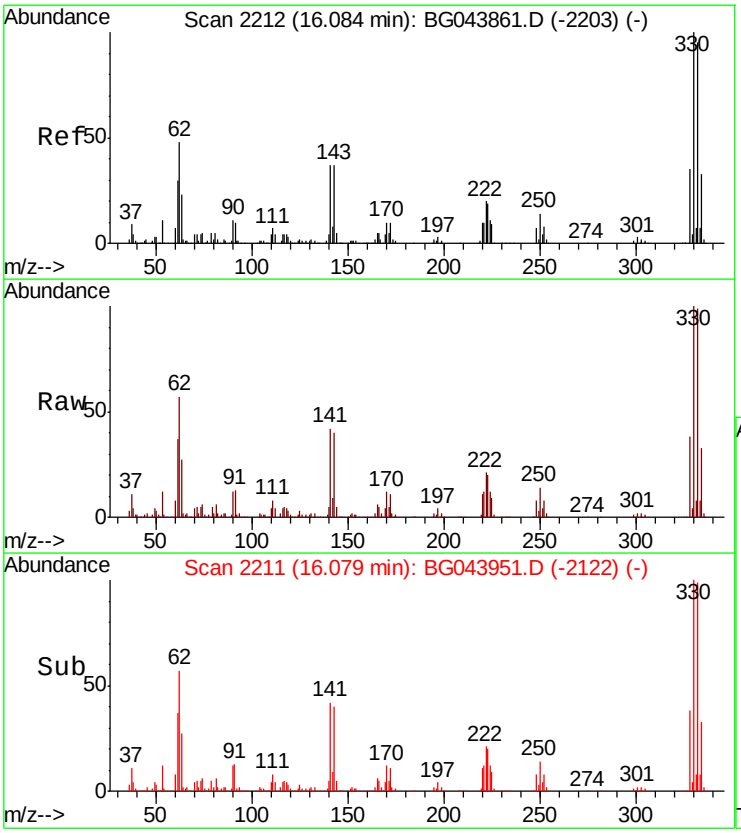
#41
Hexachlorocyclopentadiene
Concen: 85.529 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:237 Resp: 445354

Ion	Ratio	Lower	Upper
237	100		
235	61.0	41.1	81.1
272	12.3	0.0	31.7

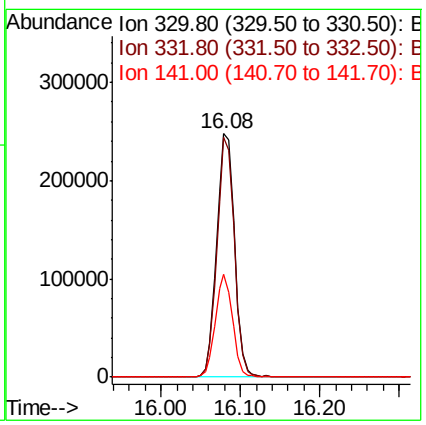


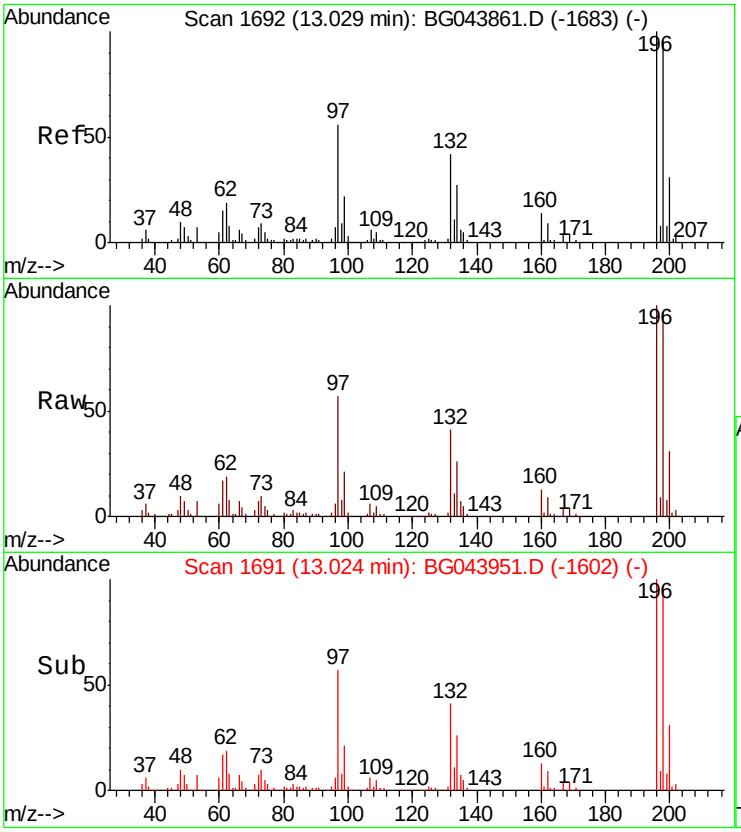


#42
2,4,6-Tribromophenol
Concen: 108.053 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:330 Resp: 387477

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	40.3	33.1	49.7



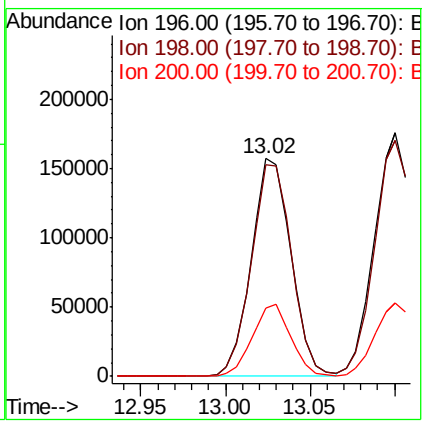


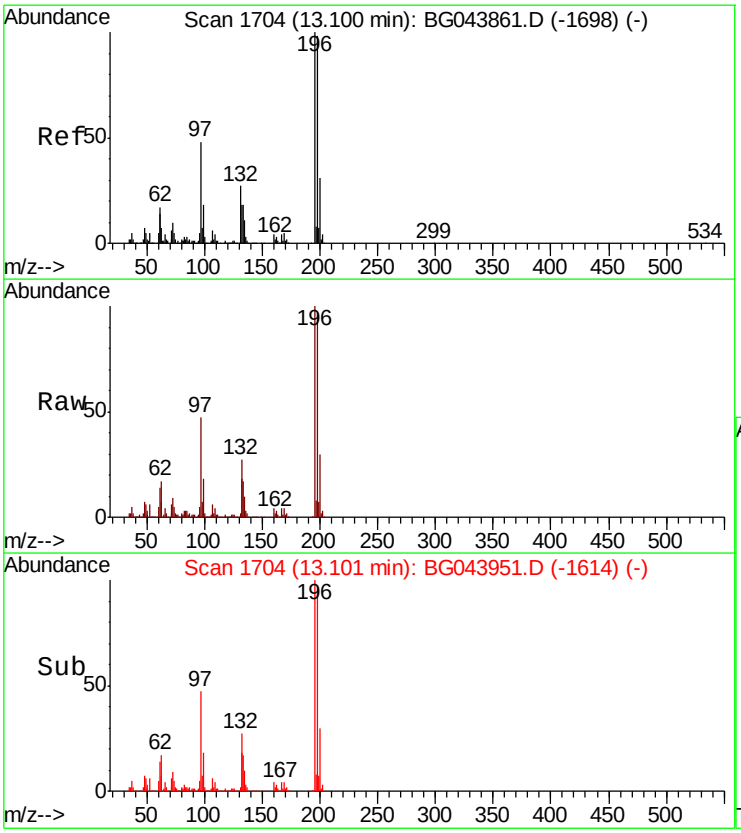
#43
2,4,6-Trichlorophenol
Concen: 37.237 ng
RT: 13.02 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 257343

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	31.3	24.6	37.0

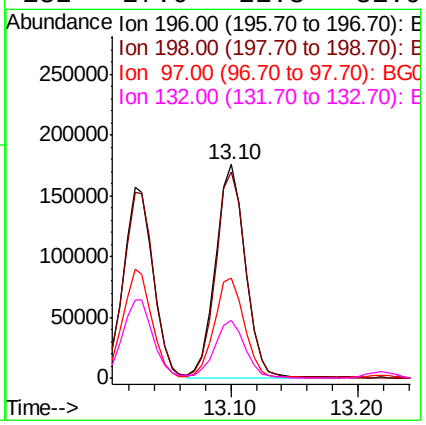


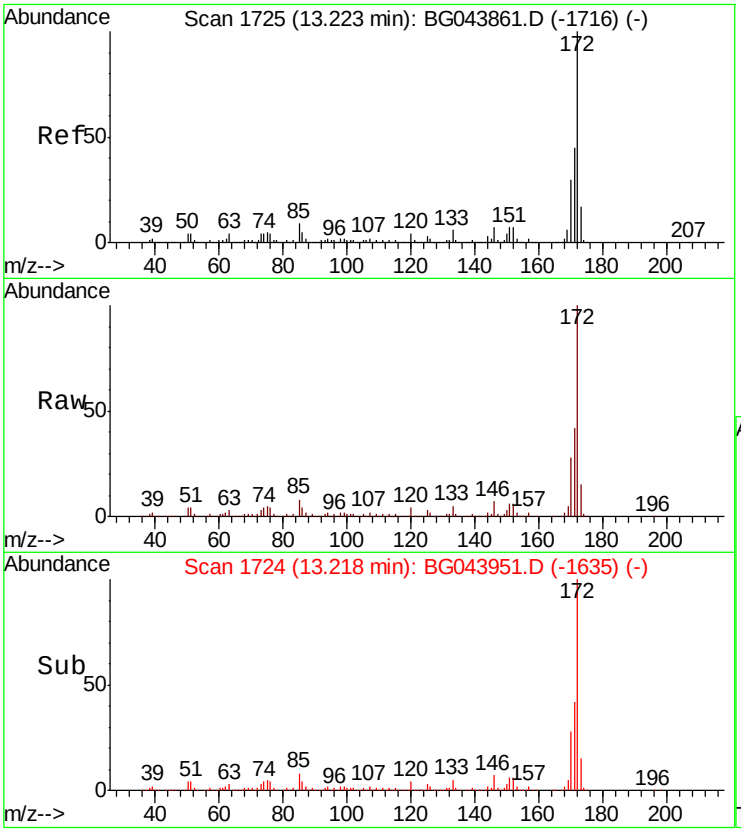


#44
2,4,5-Trichlorophenol
Concen: 40.018 ng
RT: 13.10 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:196 Resp: 285240

Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.3	117.5
97	46.5	38.8	58.2
132	27.0	21.3	31.9



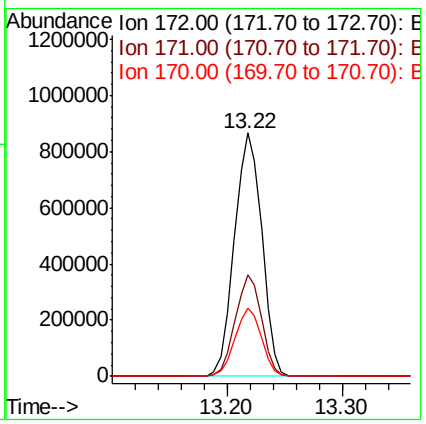


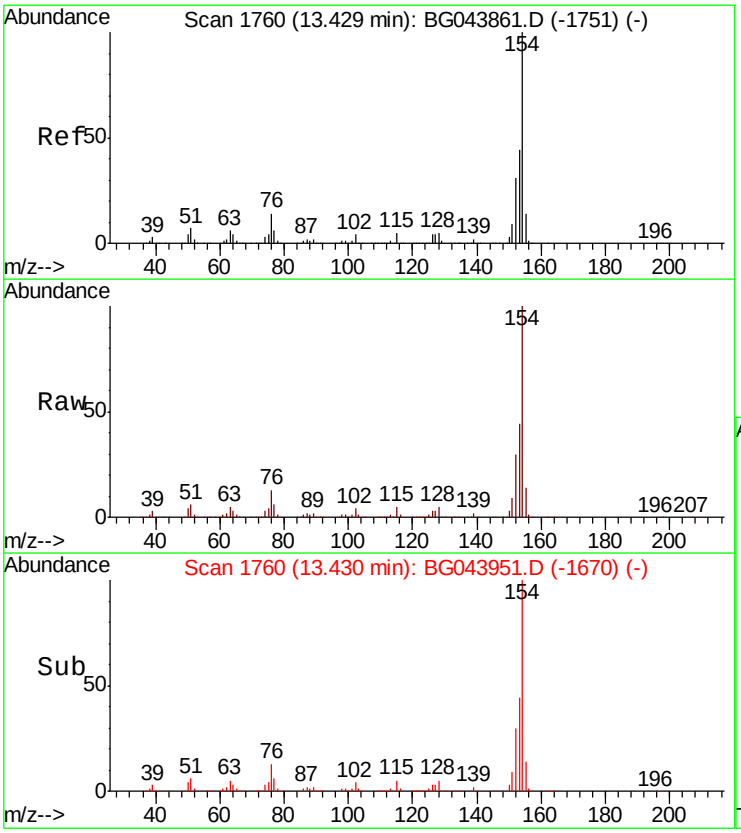
#45
2-Fluorobiphenyl
Concen: 75.006 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1418648

Ion	Ratio	Lower	Upper
172	100		
171	41.6	35.8	53.8
170	28.0	24.2	36.4

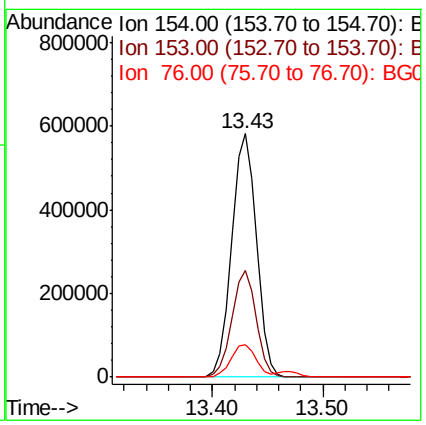


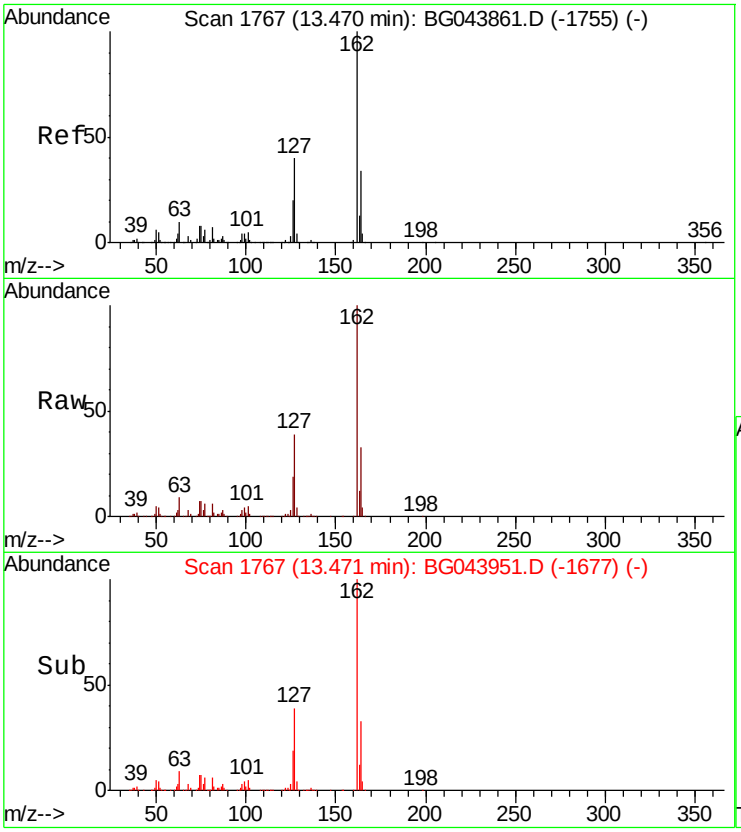


#46
1,1'-Biphenyl
Concen: 37.319 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:154 Resp: 916888

Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.6	63.6
76	13.5	0.0	34.4



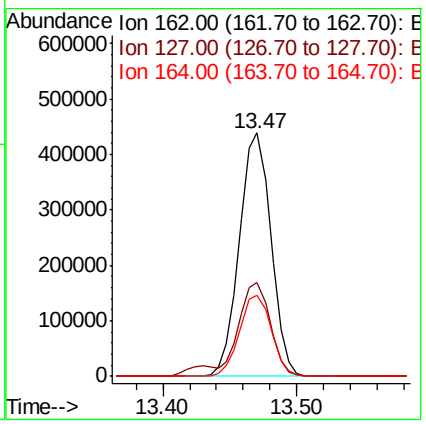


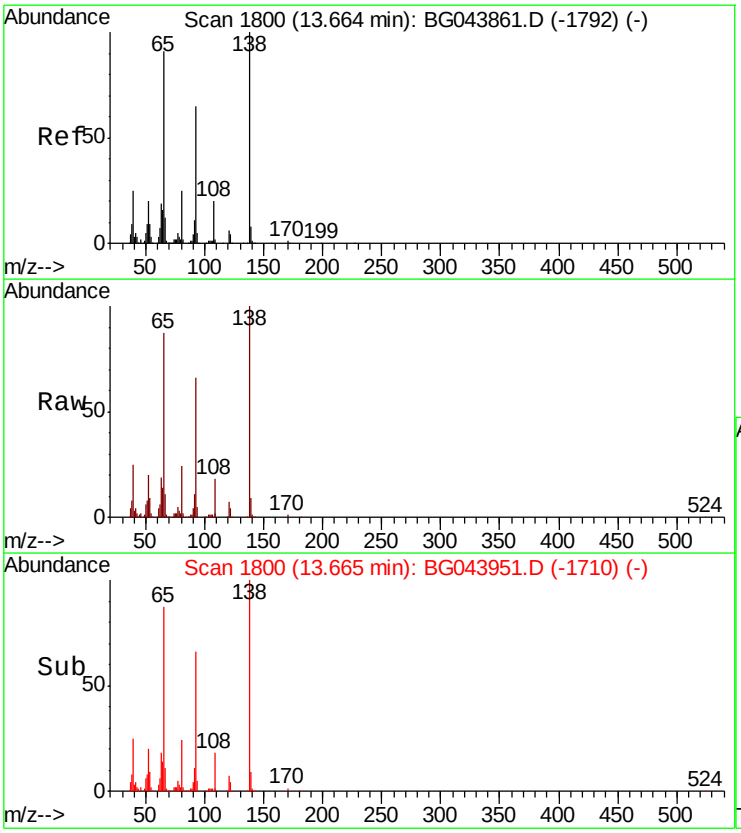
#47
2-Chloronaphthalene
Concen: 36.160 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 717905

Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.1	48.1
164	33.3	27.5	41.3

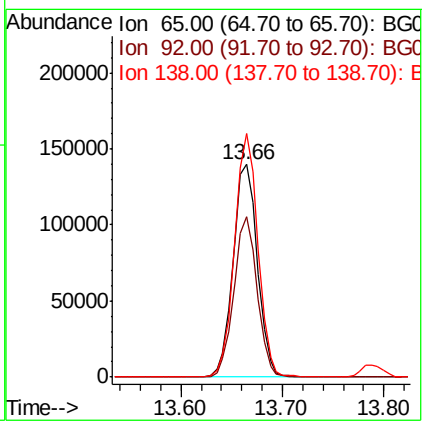


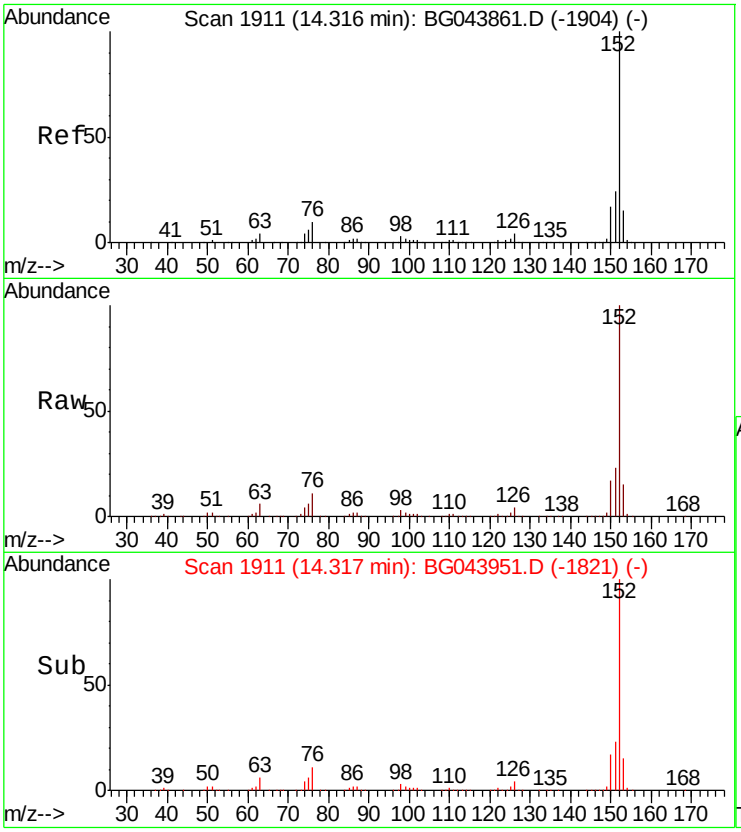


#48
2-Nitroaniline
Concen: 36.472 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion: 65 Resp: 232921

Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.4	86.2
138	114.7	88.2	132.4



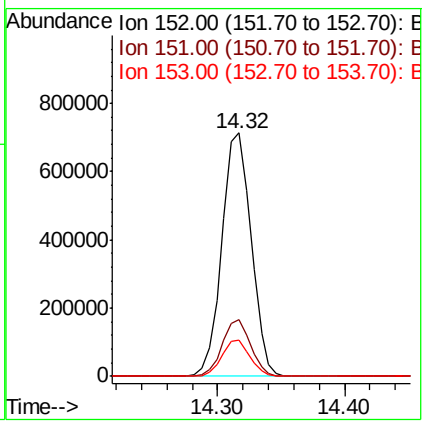


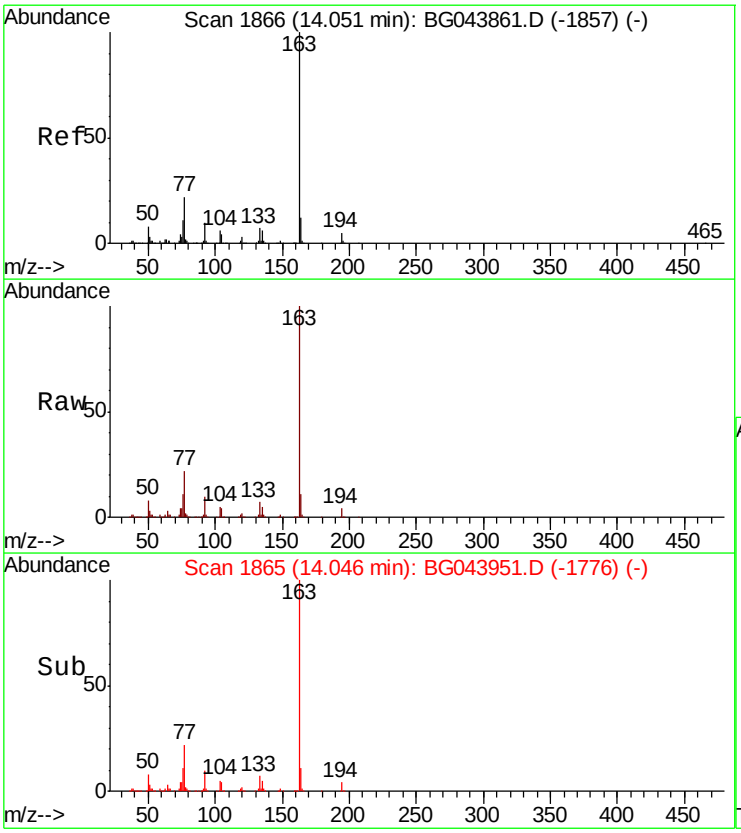
#49
Acenaphthylene
Concen: 39.860 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 1137416

Ion	Ratio	Lower	Upper
152	100		
151	23.3	19.4	29.2
153	15.1	12.0	18.0

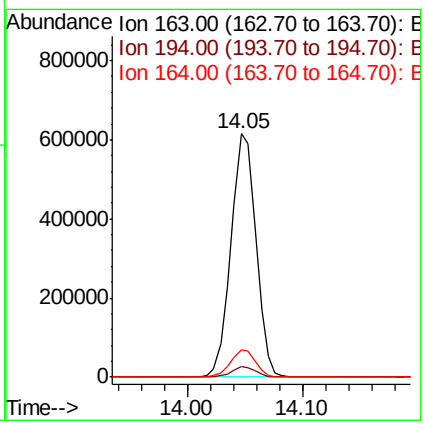


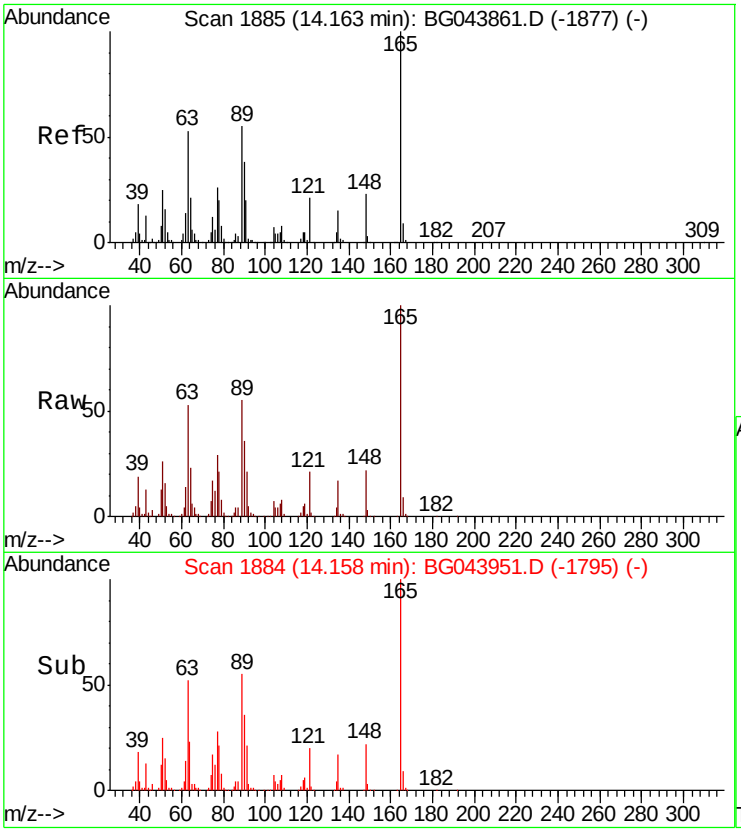


#50
Dimethylphthalate
Concen: 37.973 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:163 Resp: 923925

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.0	9.3	13.9



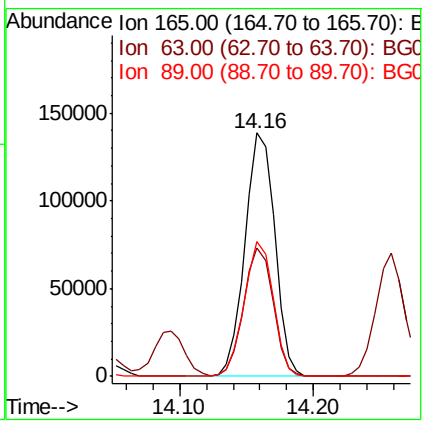


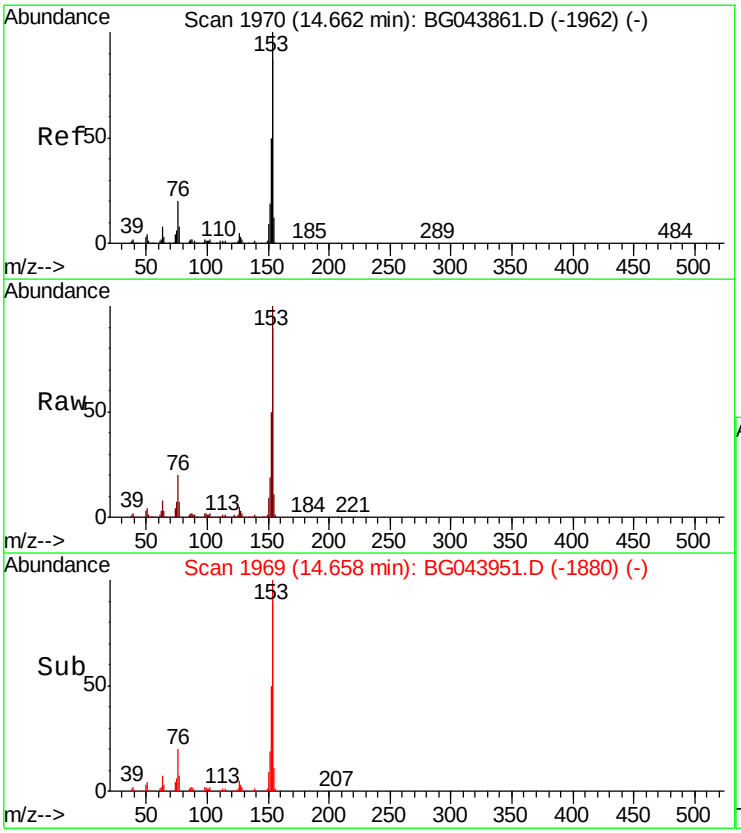
#51
2,6-Dinitrotoluene
Concen: 38.841 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 213603

Ion	Ratio	Lower	Upper
165	100		
63	52.8	43.1	64.7
89	55.5	43.8	65.6

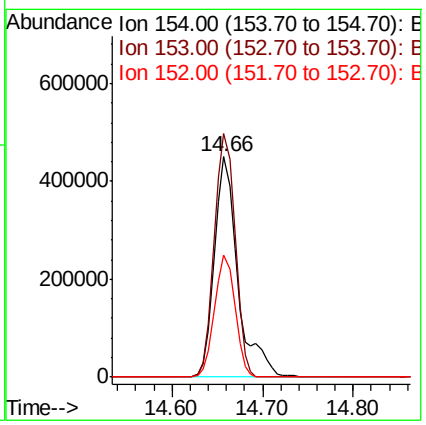


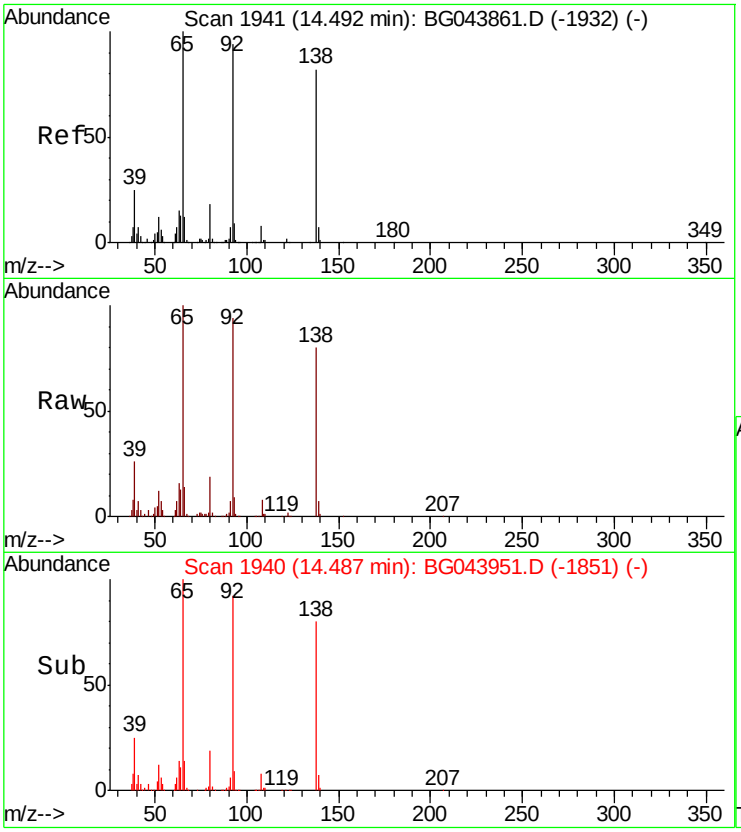


#52
Acenaphthene
Concen: 40.393 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:154 Resp: 808310

Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.6	137.4
152	55.4	45.4	68.0



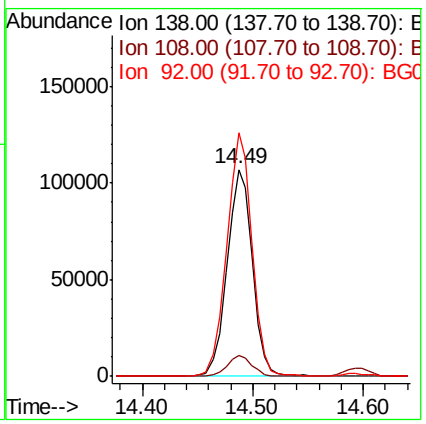


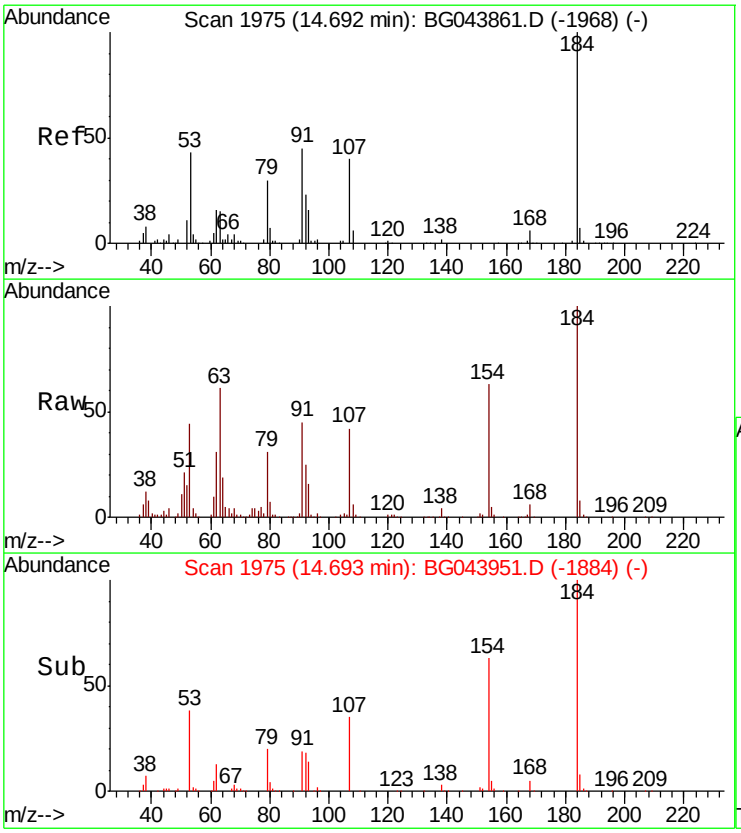
#53
3-Nitroaniline
Concen: 27.430 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 171302

Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.4	11.2
92	117.6	92.1	138.1

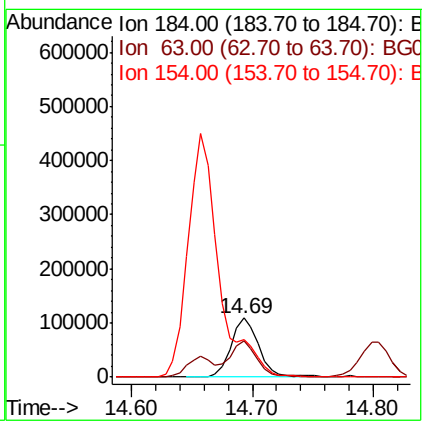


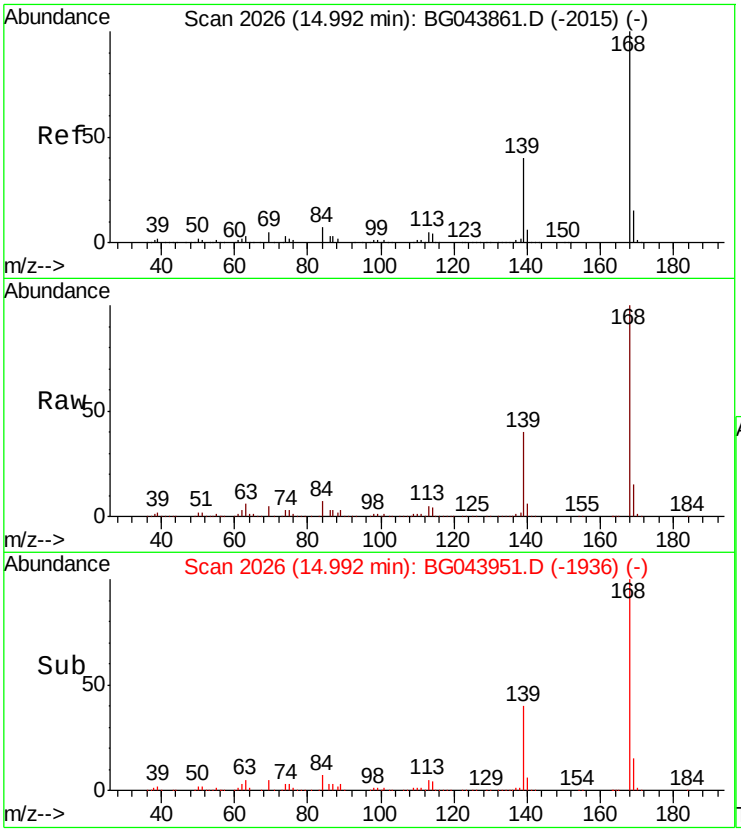


#54
2,4-Dinitrophenol
Concen: 63.632 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:184 Resp: 174902

Ion	Ratio	Lower	Upper
184	100		
63	60.9	46.6	70.0
154	63.2	50.2	75.4



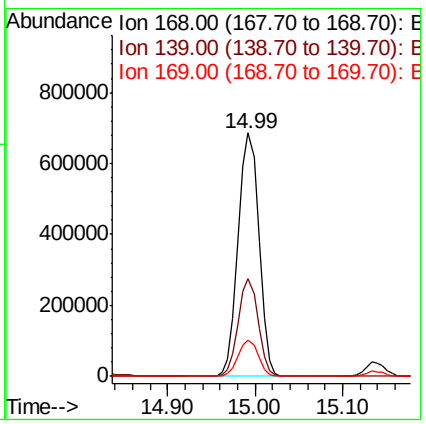


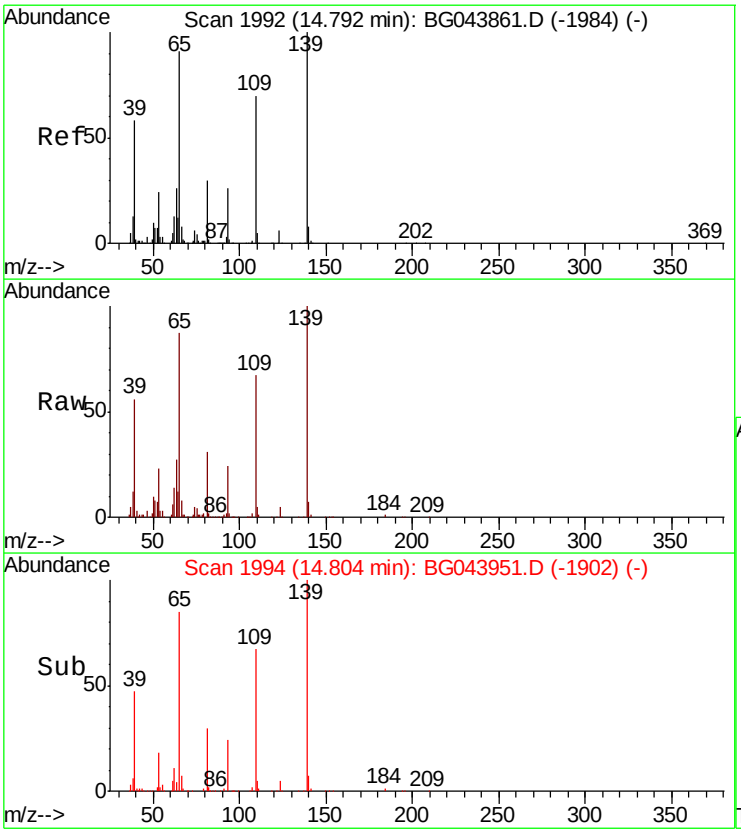
#55
Dibenzofuran
Concen: 39.688 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 1093321

Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.2	48.2
169	15.0	12.2	18.2

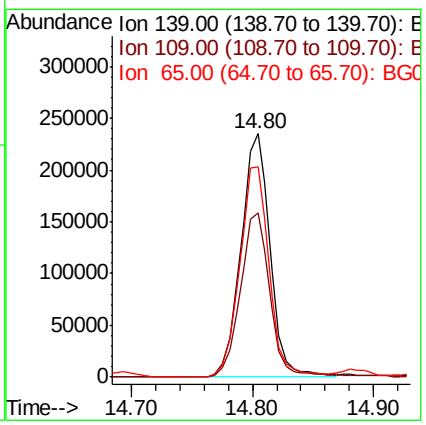


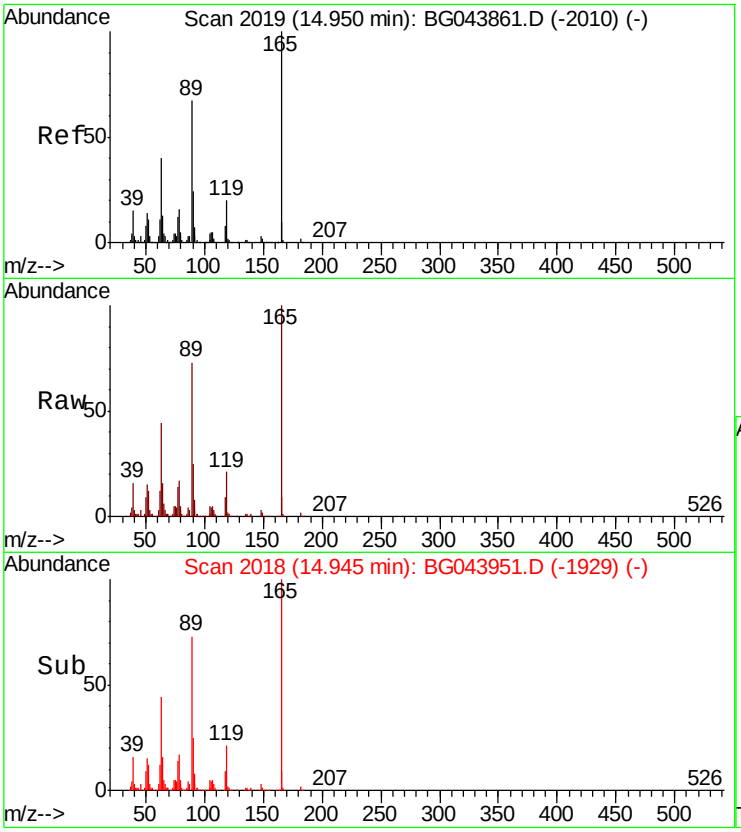


#56
4-Nitrophenol
Concen: 82.666 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:139 Resp: 395607

Ion	Ratio	Lower	Upper
139	100		
109	67.5	50.4	90.4
65	86.5	71.4	111.4



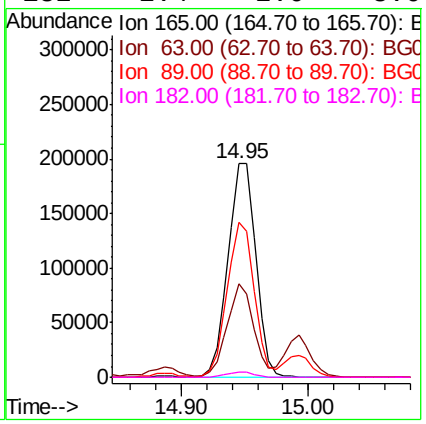


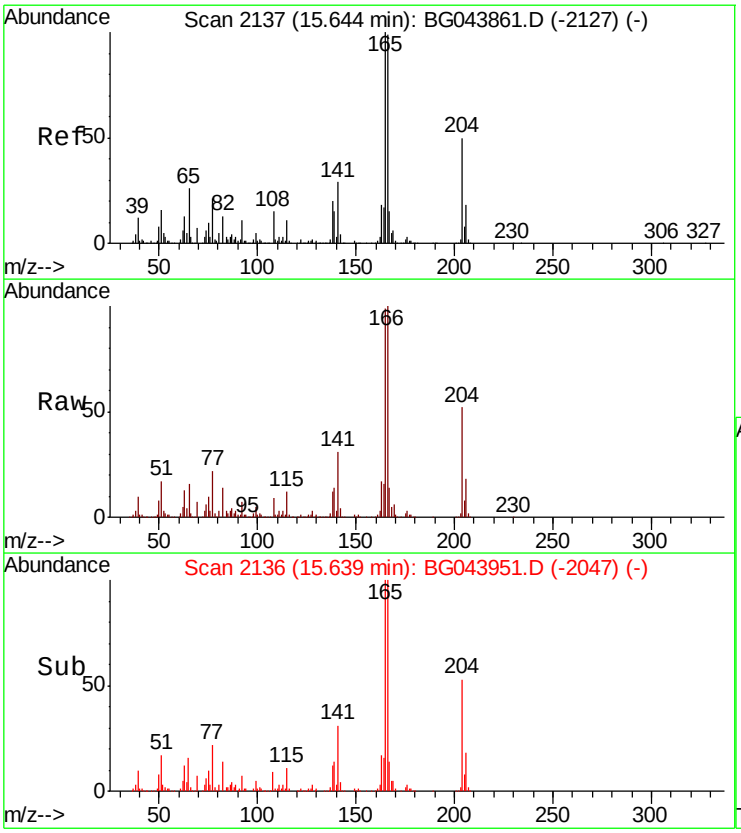
#57
2,4-Dinitrotoluene
Concen: 39.674 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 296883

Ion	Ratio	Lower	Upper
165	100		
63	43.8	31.9	47.9
89	72.7	53.8	80.6
182	2.4	2.0	3.0

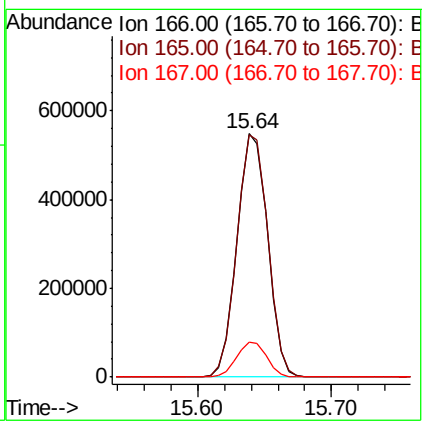


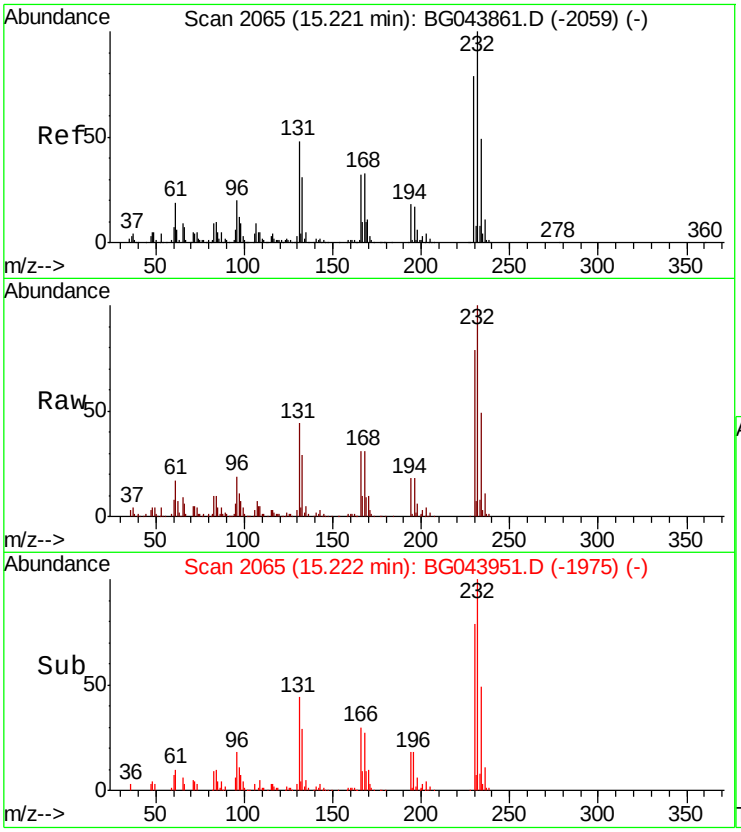


#58
Fluorene
Concen: 39.833 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:166 Resp: 869725

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.8	121.2
167	14.4	12.1	18.1



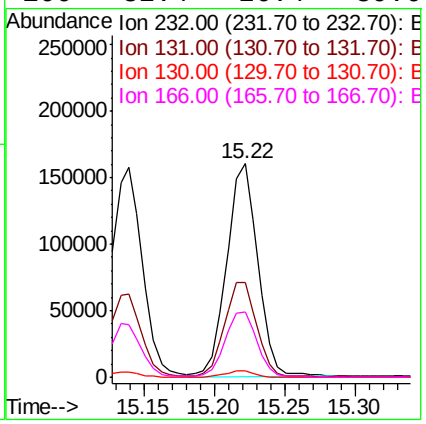


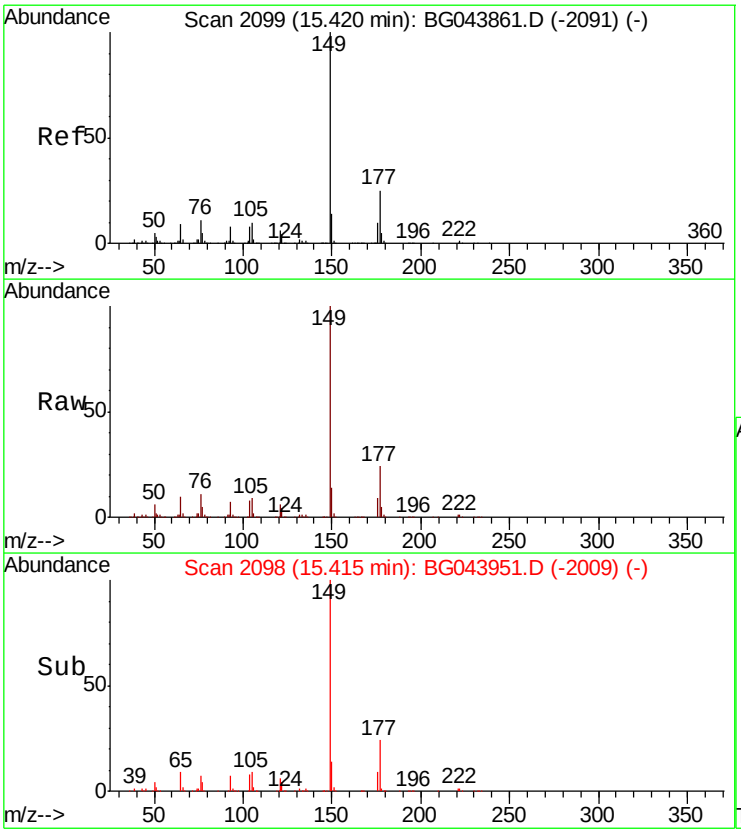
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.738 ng
RT: 15.22 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:232 Resp: 243558

Ion	Ratio	Lower	Upper
232	100		
131	46.2	38.2	57.2
130	2.8	2.2	3.2
166	32.4	26.4	39.6

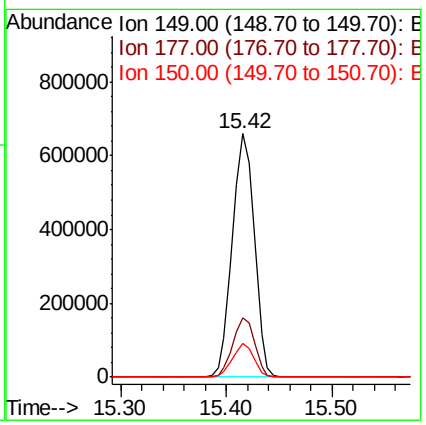


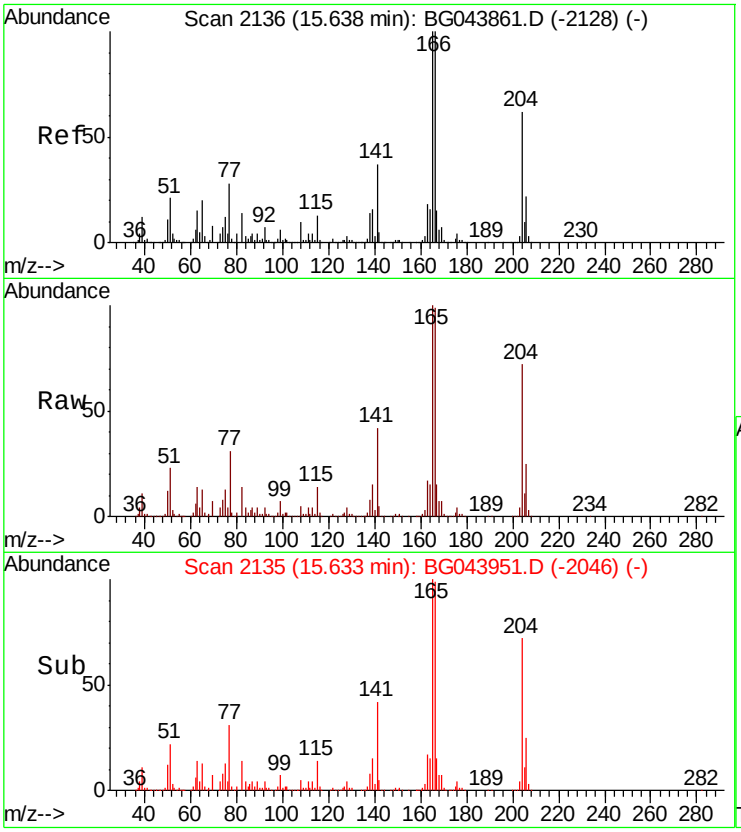


#60
Diethylphthalate
Concen: 38.915 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:149 Resp: 947035

Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.0	30.0
150	13.7	11.1	16.7



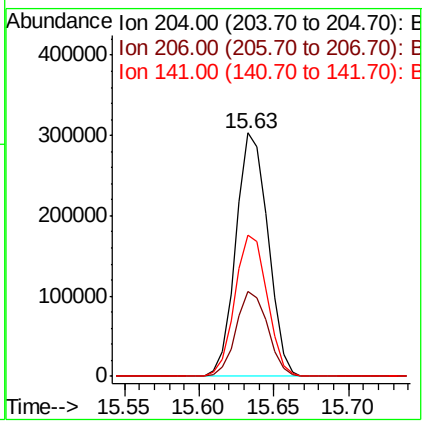


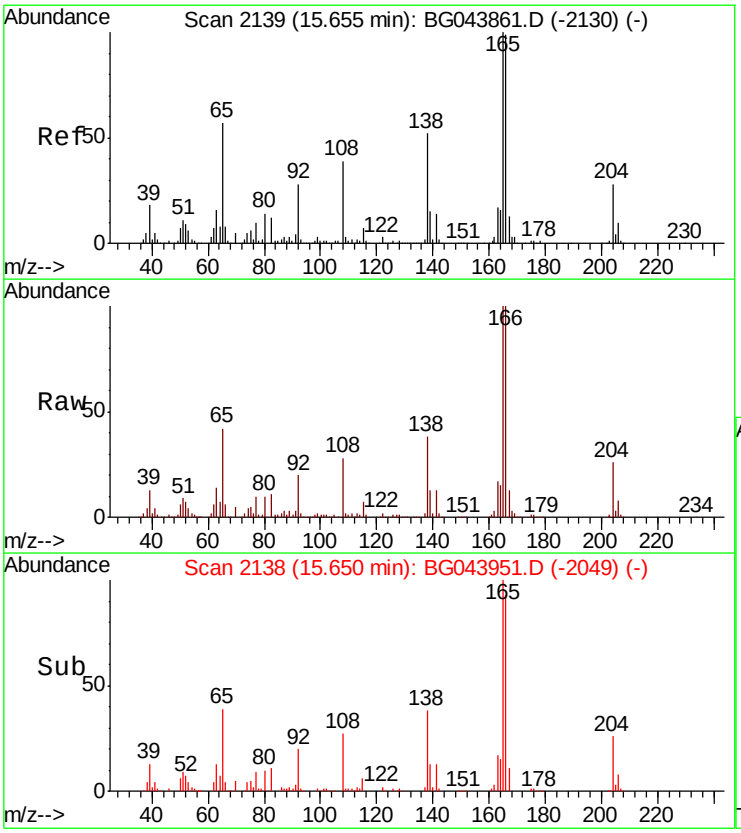
#61
4-Chlorophenyl-phenylether
Concen: 38.231 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:204 Resp: 453270

Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.2	42.2
141	58.1	48.2	72.2

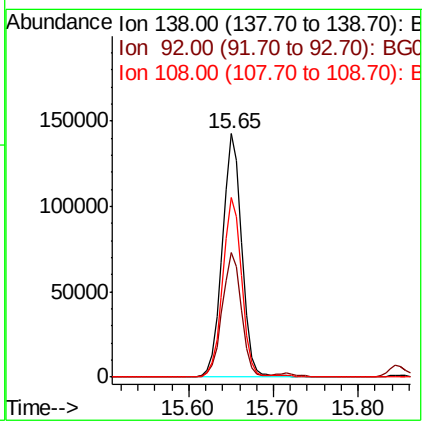


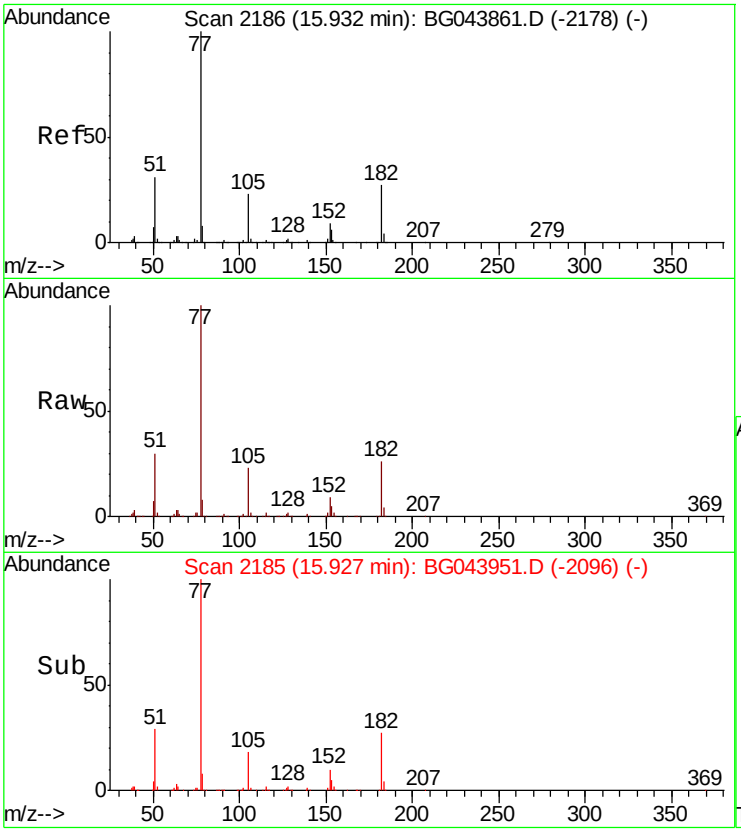


#62
4-Nitroaniline
Concen: 36.711 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:138 Resp: 226400

Ion	Ratio	Lower	Upper
138	100		
92	51.3	34.3	74.3
108	74.0	55.0	95.0



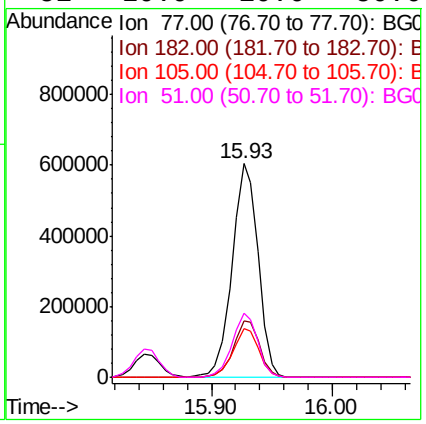


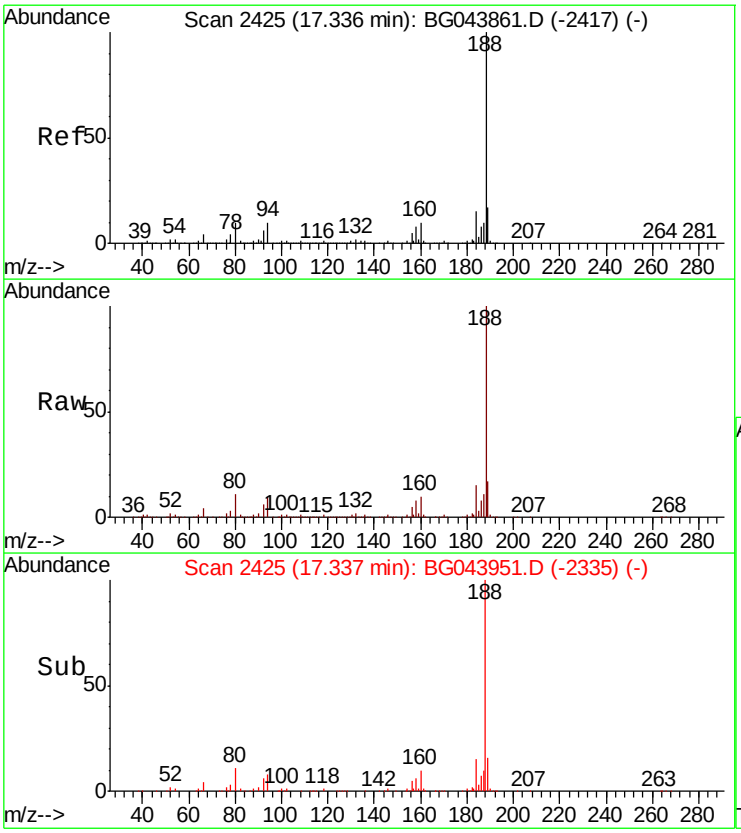
#63
Azobenzene
Concen: 40.014 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 903073

Ion	Ratio	Lower	Upper
77	100		
182	26.1	7.3	47.3
105	22.7	3.2	43.2
51	29.9	10.6	50.6

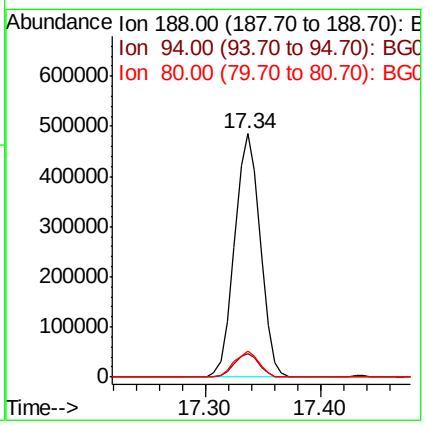


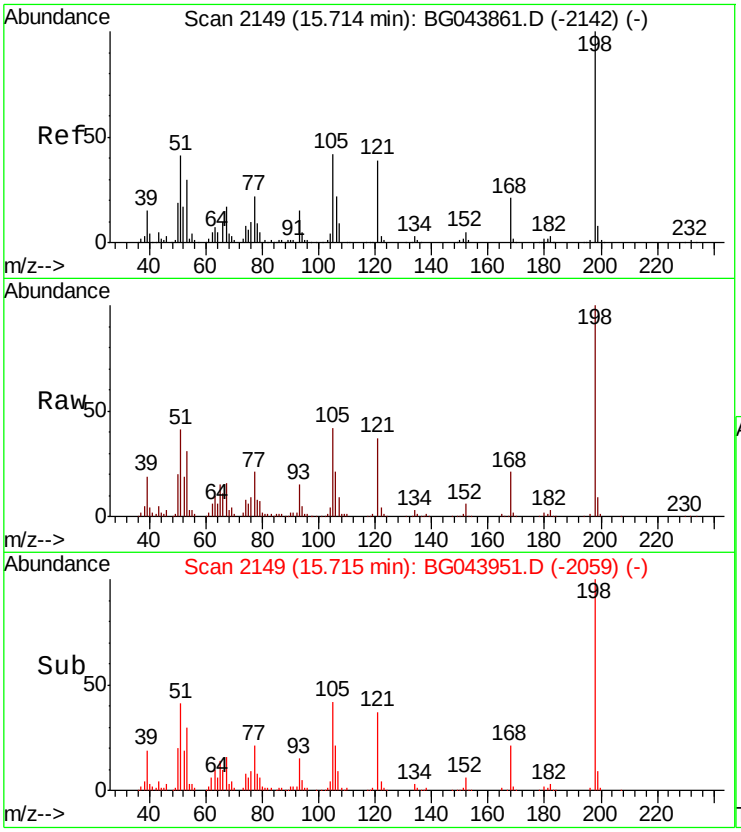


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:188 Resp: 744236

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.7	8.2	12.4



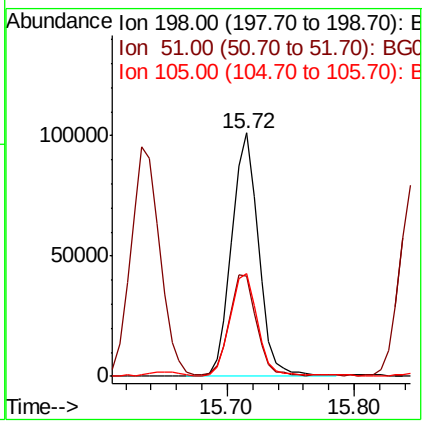


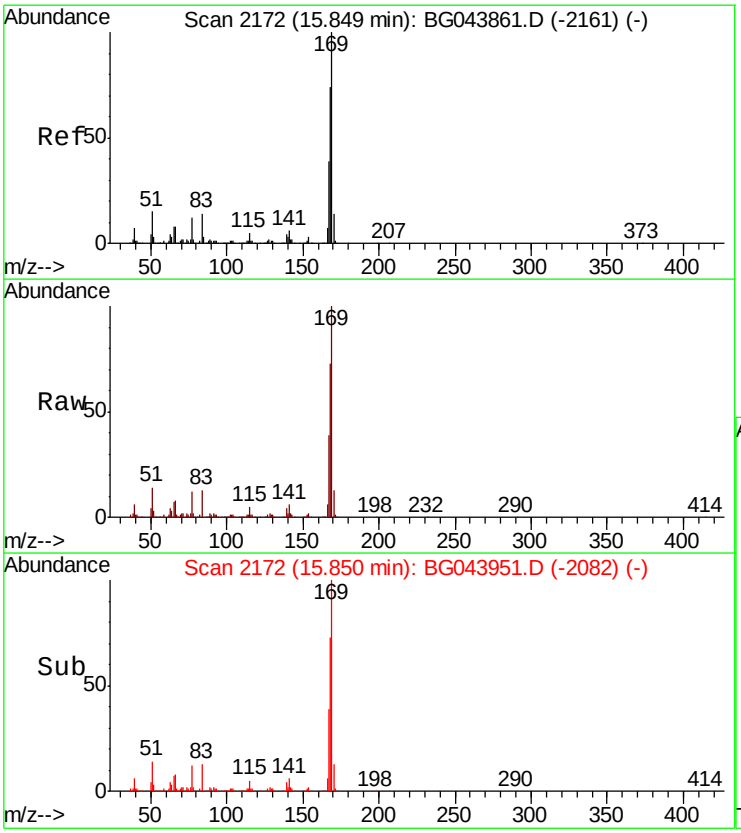
#65
4,6-Dinitro-2-methylphenol
Concen: 39.615 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 148666

Ion	Ratio	Lower	Upper
198	100		
51	41.0	22.5	62.5
105	42.2	22.3	62.3

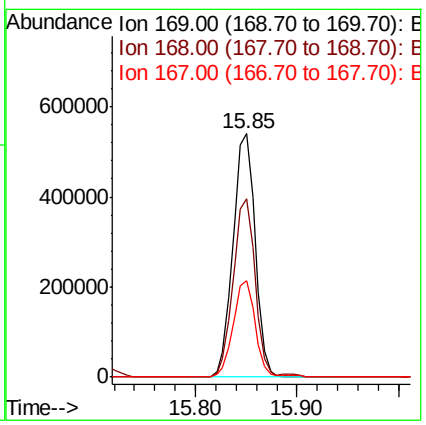


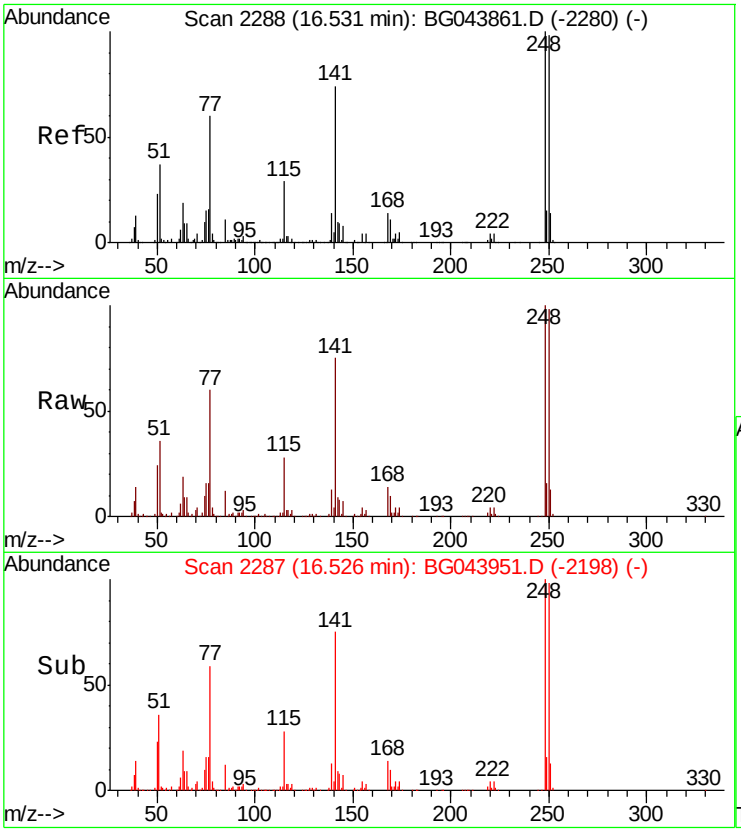


#66
n-Nitrosodiphenylamine
Concen: 37.469 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:169 Resp: 821190

Ion	Ratio	Lower	Upper
169	100		
168	73.1	59.0	88.6
167	39.4	31.4	47.0



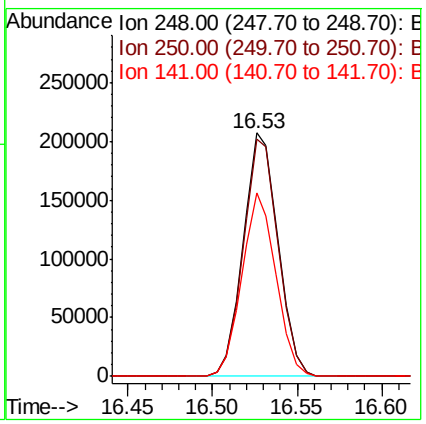


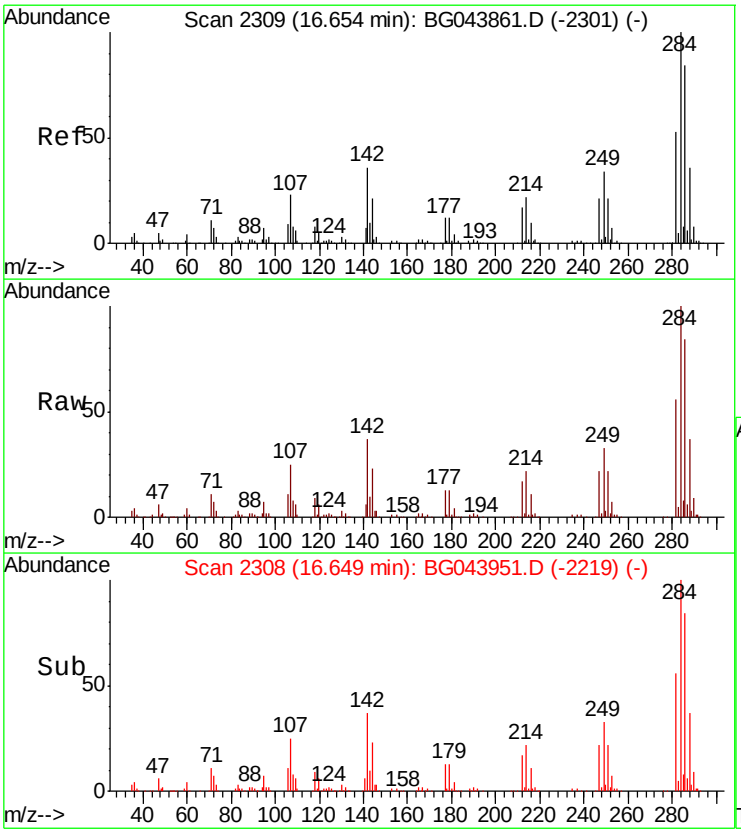
#67
4-Bromophenyl-phenylether
Concen: 35.416 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 296448

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.2	117.2
141	75.3	59.3	88.9

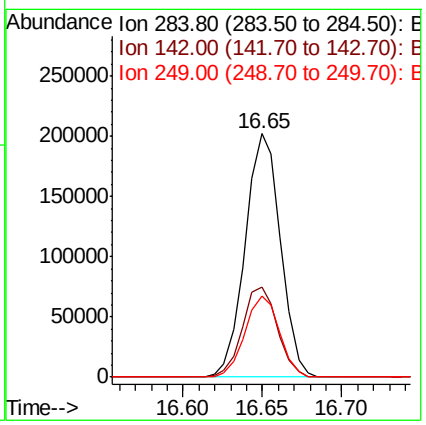


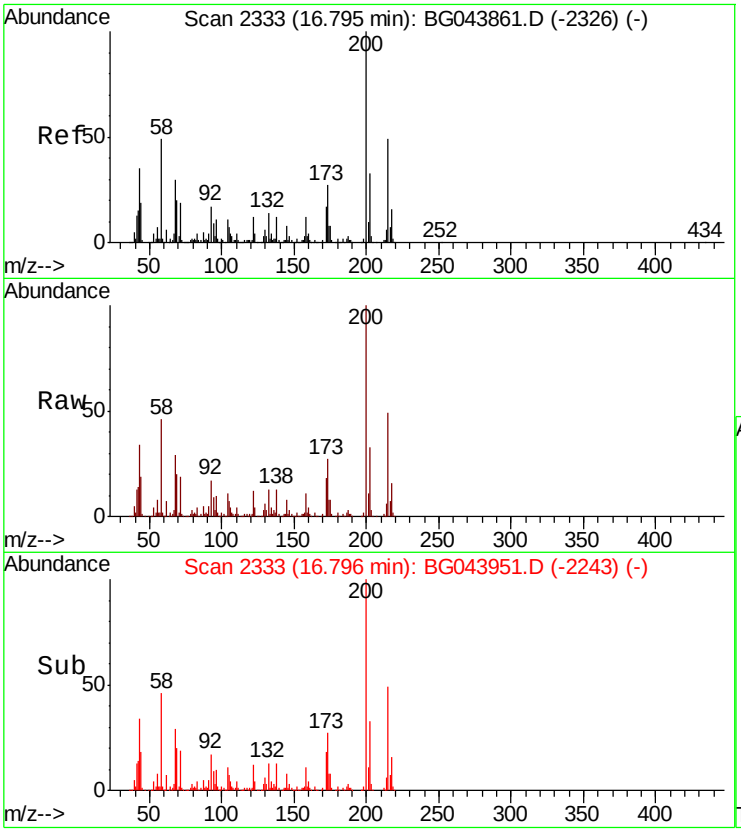


#68
Hexachlorobenzene
Concen: 34.611 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:284 Resp: 312166

Ion	Ratio	Lower	Upper
284	100		
142	37.1	28.6	43.0
249	33.3	27.0	40.6



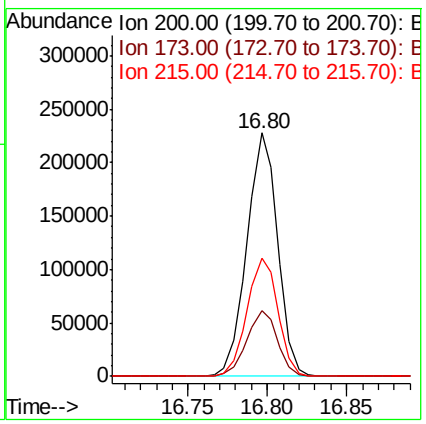


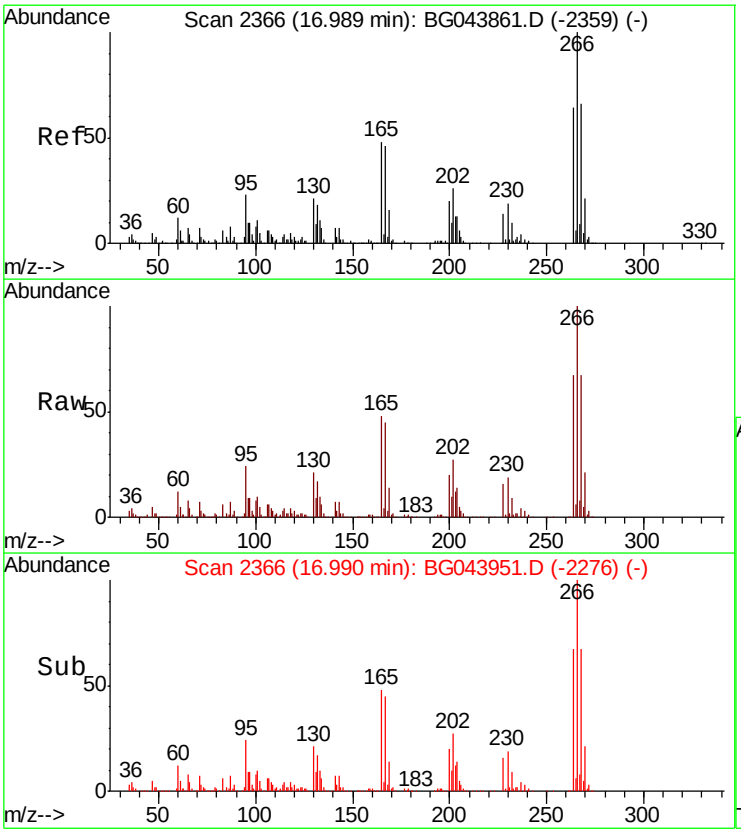
#69
Atrazine
Concen: 43.012 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 306424

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	48.8	28.6	68.6

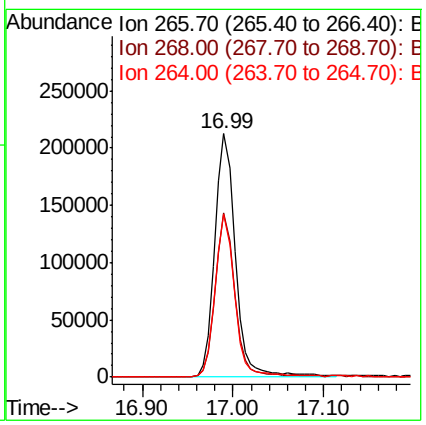


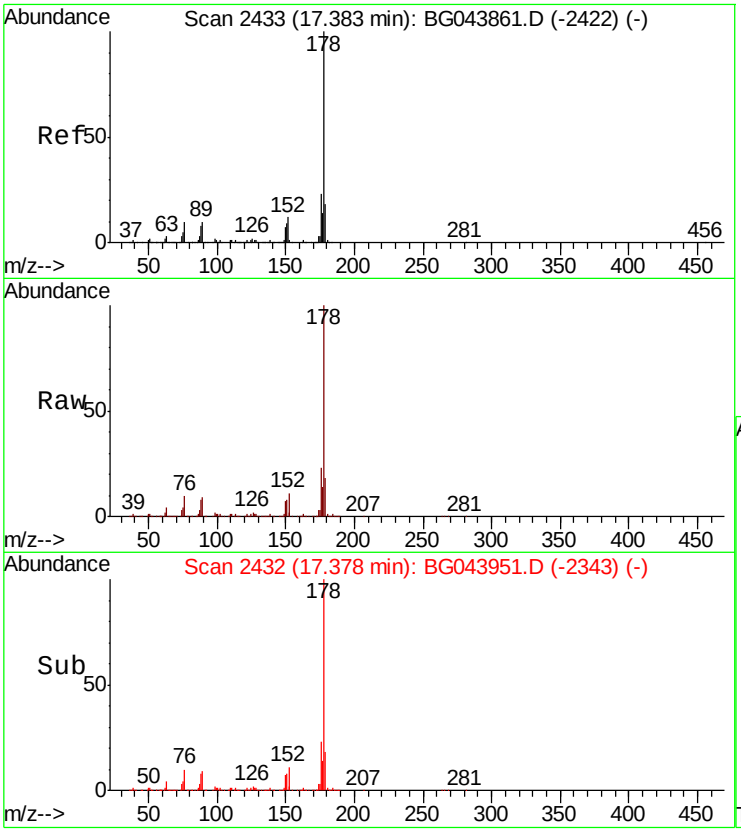


#70
Pentachlorophenol
Concen: 67.686 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:266 Resp: 336528

Ion	Ratio	Lower	Upper
266	100		
268	67.5	52.6	79.0
264	66.7	50.8	76.2



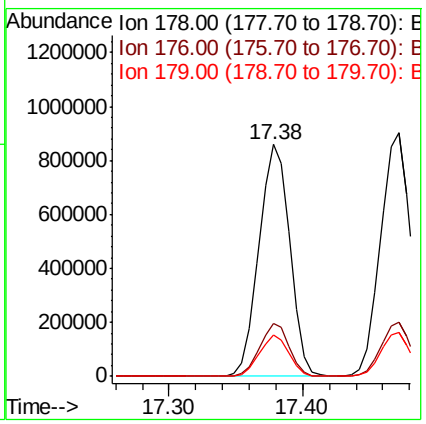


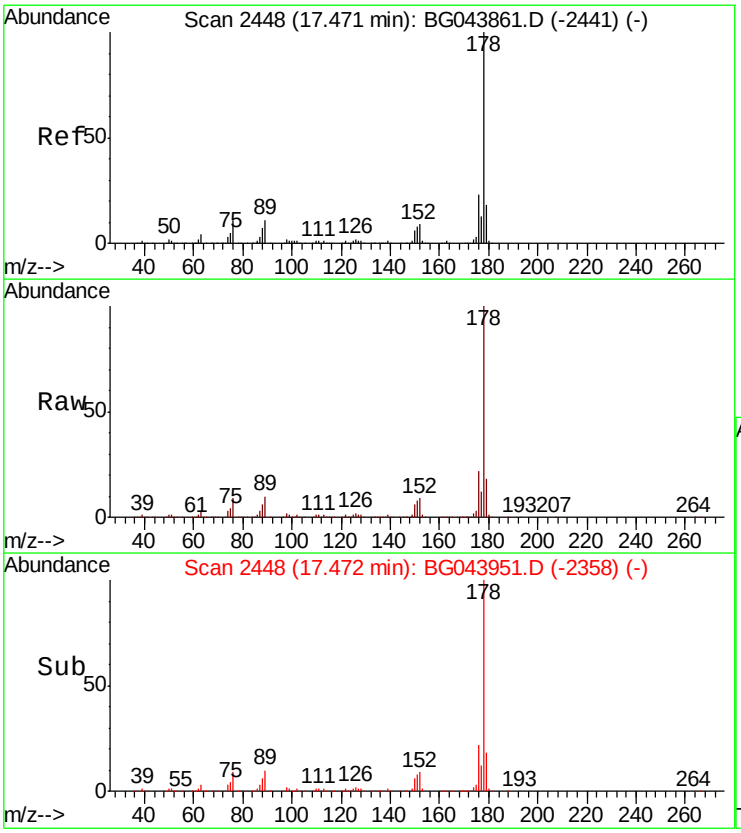
#71
Phenanthrene
Concen: 38.455 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1372748

Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.6	28.0
179	17.6	14.4	21.6

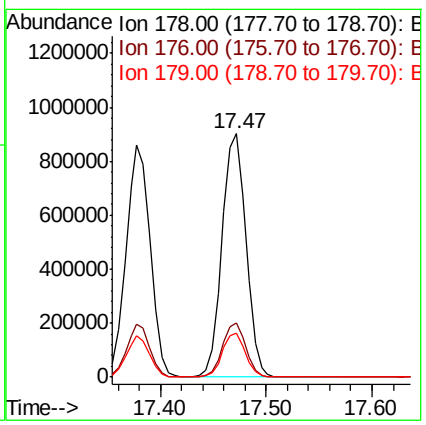


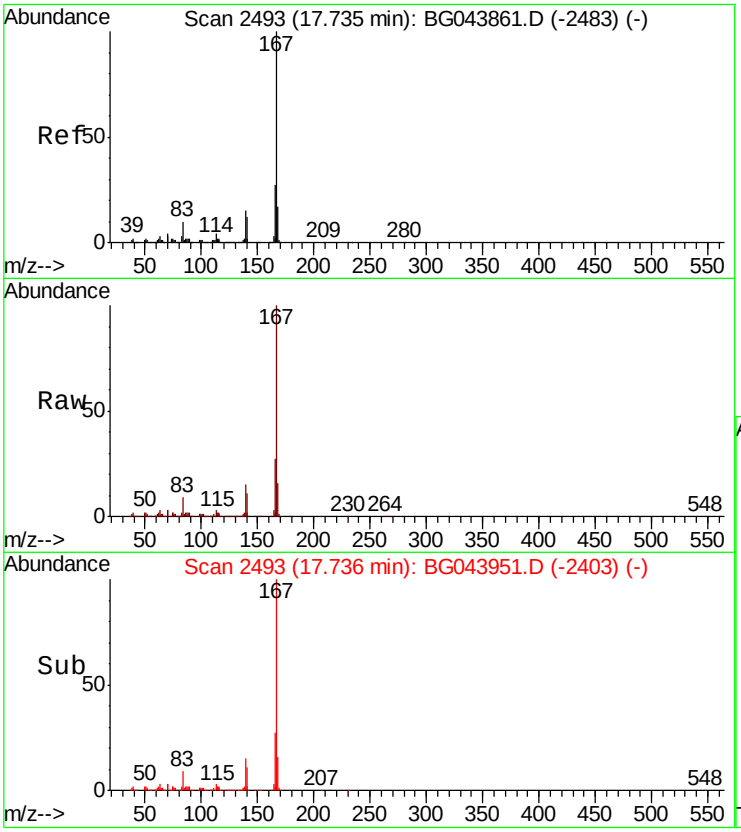


#72
Anthracene
Concen: 40.153 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:178 Resp: 1416556

Ion	Ratio	Lower	Upper
178	100		
176	22.5	18.3	27.5
179	17.9	14.6	22.0



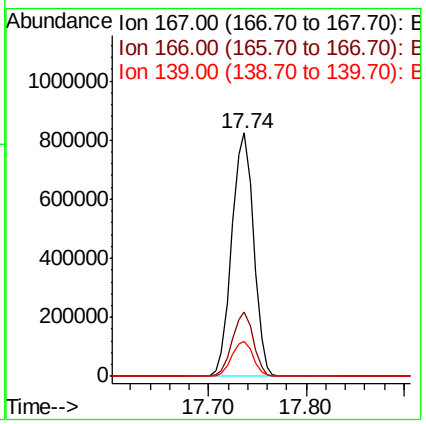


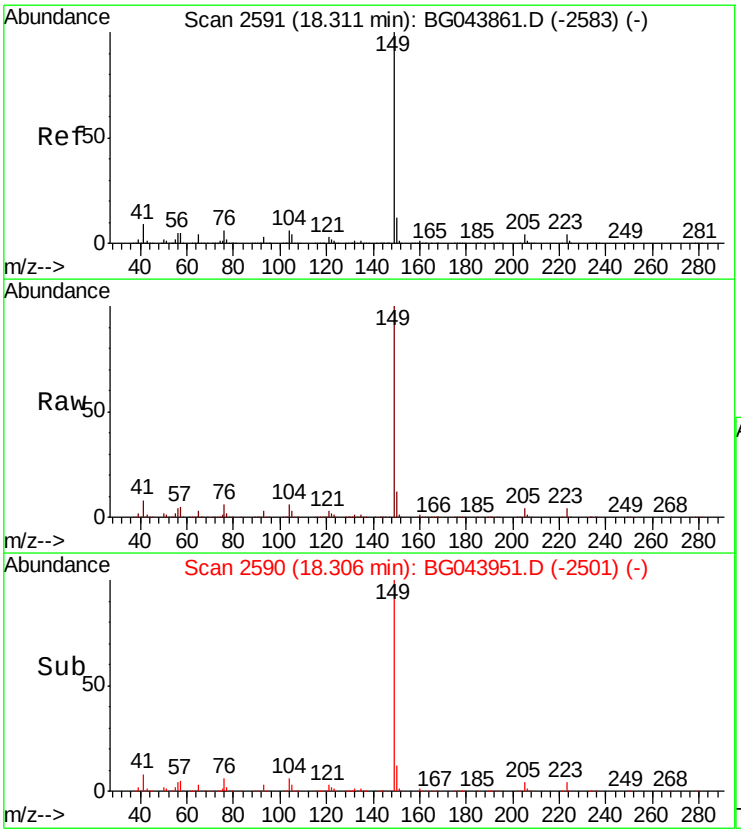
#73
Carbazole
Concen: 39.372 ng
RT: 17.74 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 1283068

Ion	Ratio	Lower	Upper
167	100		
166	26.5	21.6	32.4
139	14.5	12.1	18.1

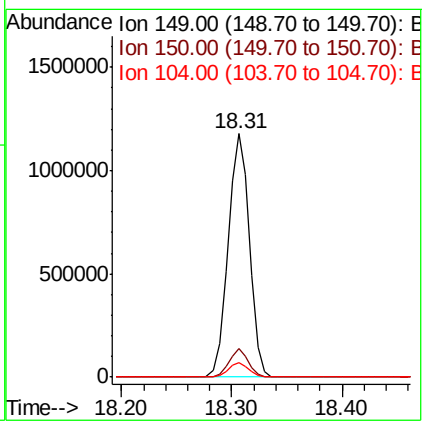


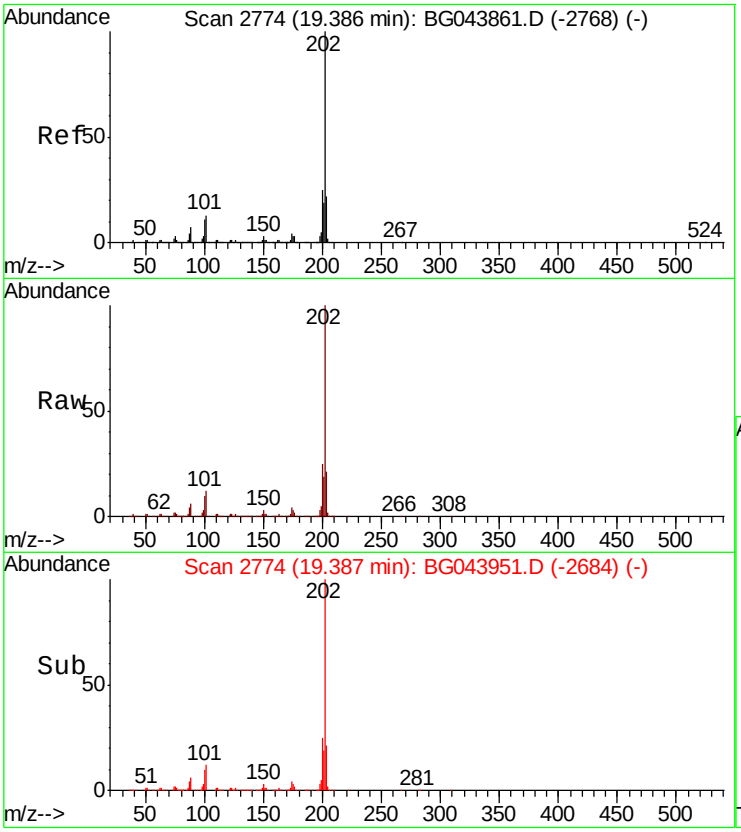


#74
Di-n-butylphthalate
Concen: 38.094 ng
RT: 18.31 min Scan# 2590
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:149 Resp: 1584990

Ion	Ratio	Lower	Upper
149	100		
150	11.6	9.7	14.5
104	5.7	5.0	7.4



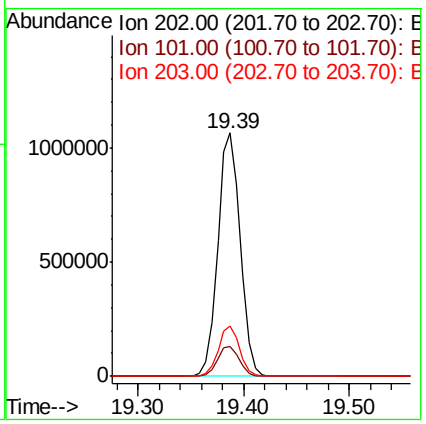


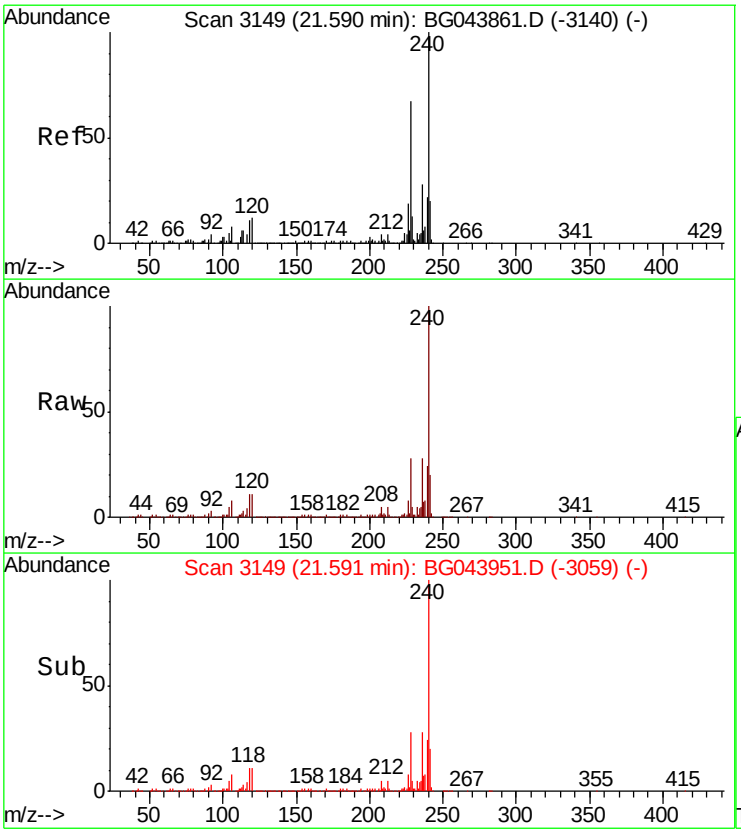
#75
Fluoranthene
Concen: 38.252 ng
RT: 19.39 min Scan# 2774
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1561651

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.3
203	20.6	1.6	41.6

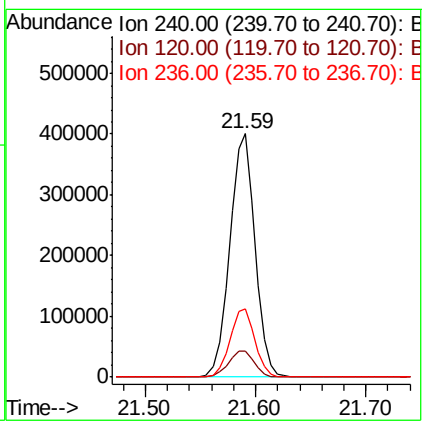


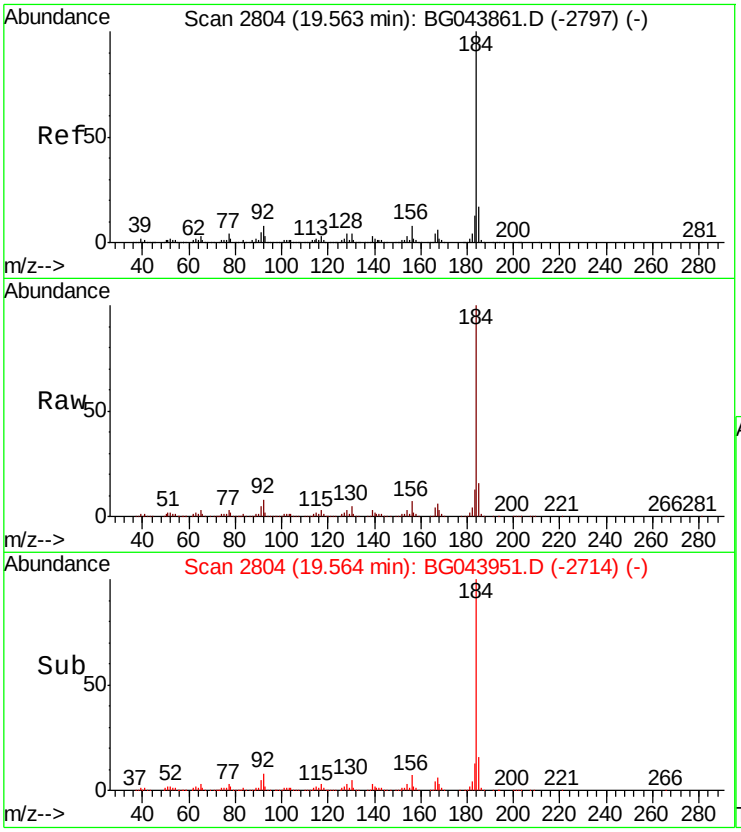


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:240 Resp: 638523

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	28.1	22.2	33.2



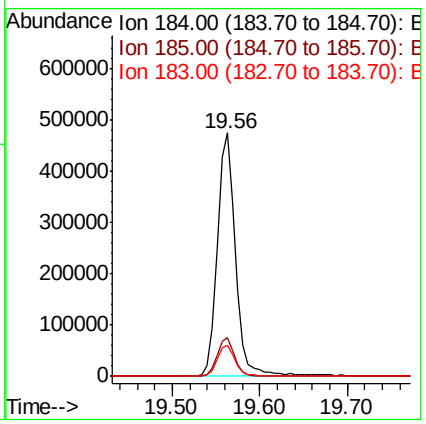


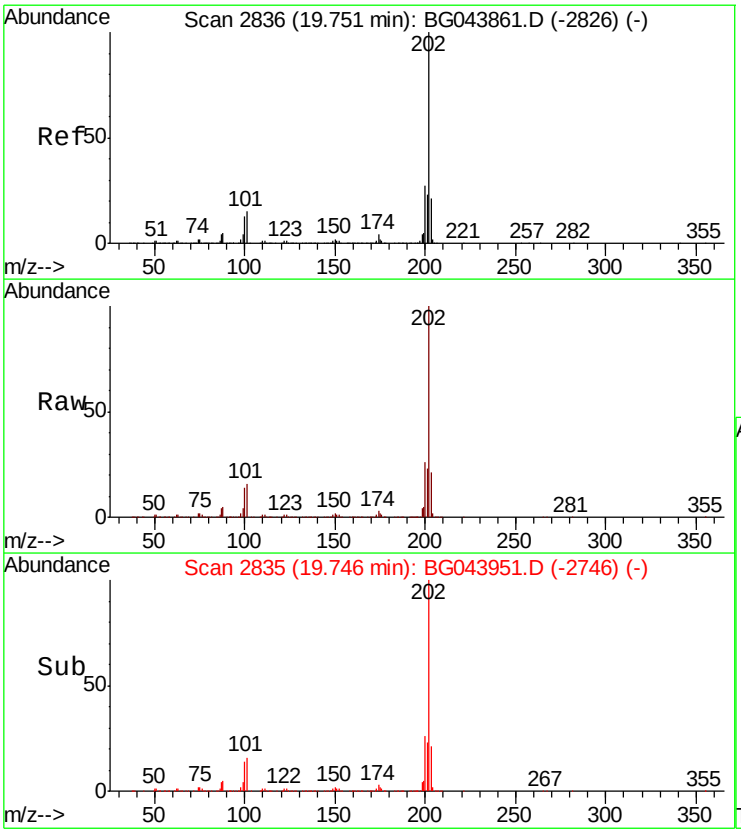
#77
Benzidine
Concen: 42.926 ng
RT: 19.56 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 688952

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.4	20.0
183	12.8	10.6	15.8

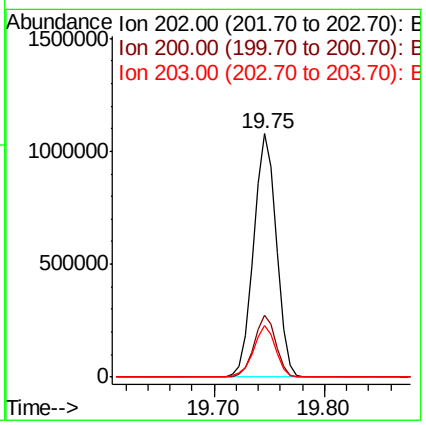


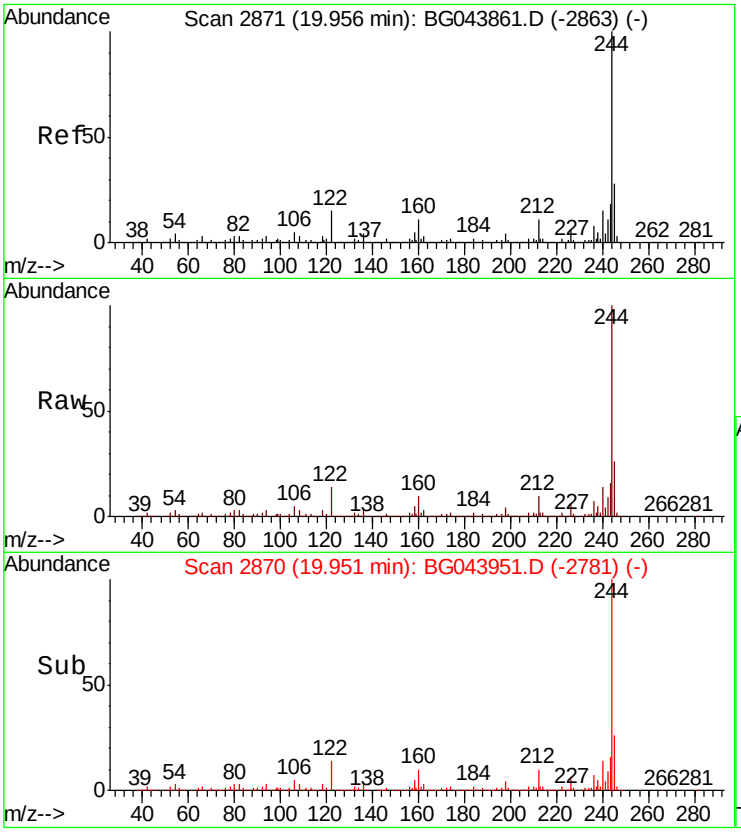


#78
Pyrene
Concen: 37.493 ng
RT: 19.75 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:202 Resp: 1562664

Ion	Ratio	Lower	Upper
202	100		
200	25.6	21.7	32.5
203	21.2	17.0	25.6



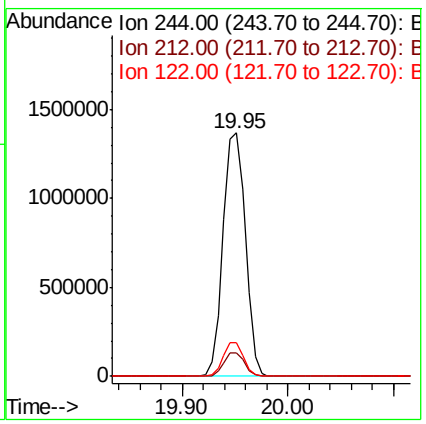


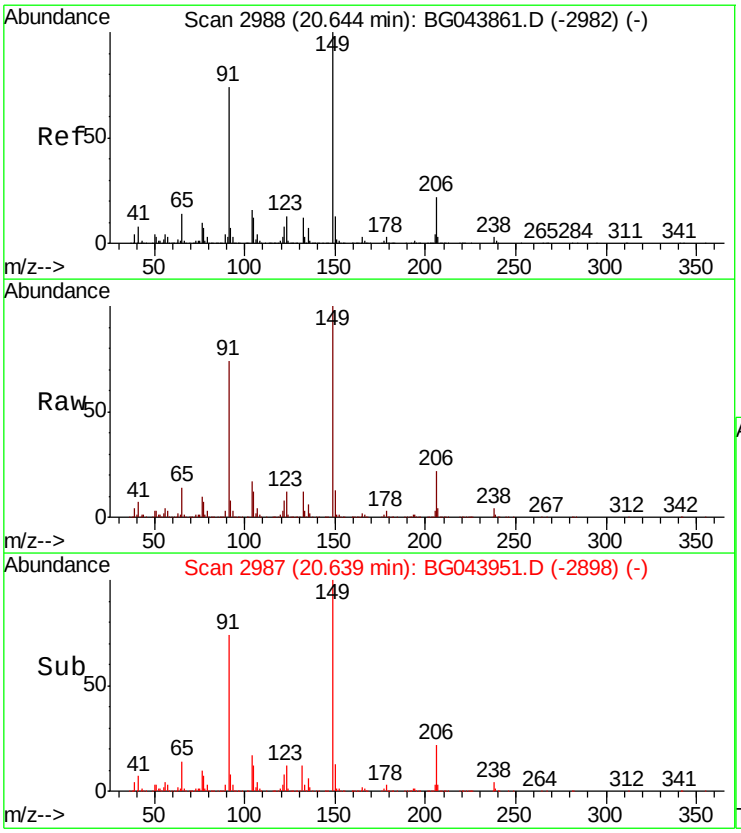
#79
Terphenyl-d14
Concen: 72.798 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2005748

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.6	13.0
122	13.7	11.9	17.9

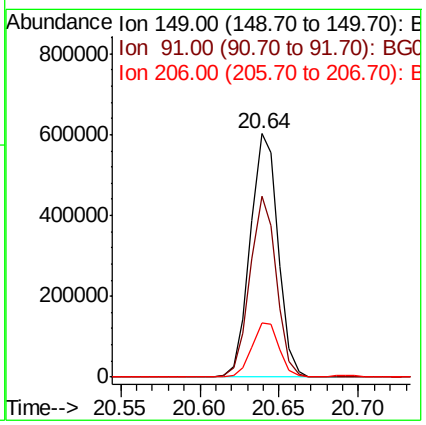


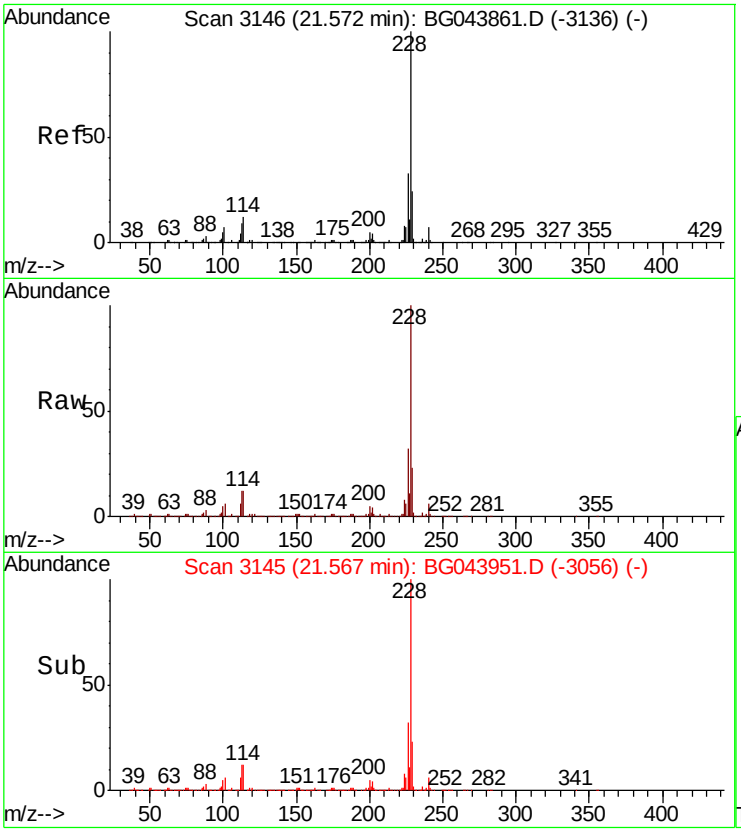


#80
Butylbenzylphthalate
Concen: 36.950 ng
RT: 20.64 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:149 Resp: 733190

Ion	Ratio	Lower	Upper
149	100		
91	74.4	59.5	89.3
206	22.2	17.8	26.6



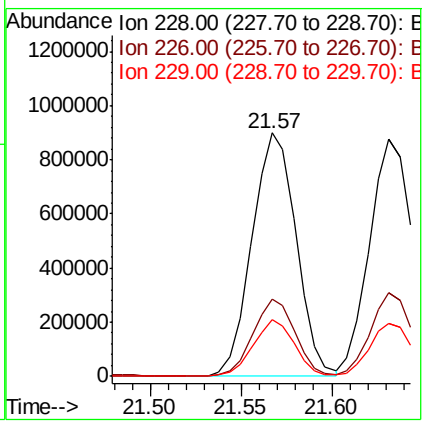


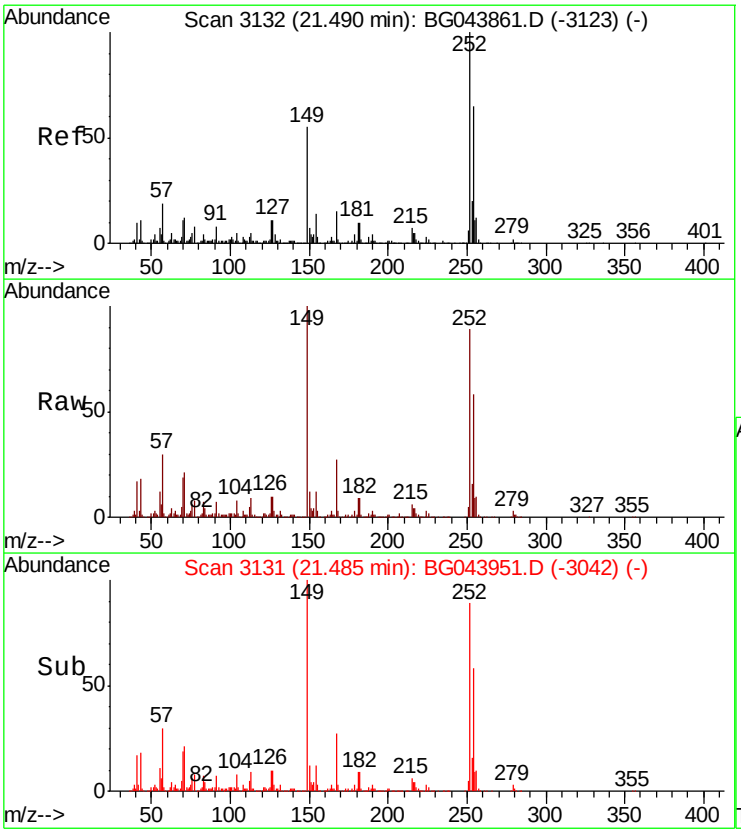
#81
Benzo(a)anthracene
Concen: 38.457 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1522611

Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.2	39.4
229	23.4	18.9	28.3

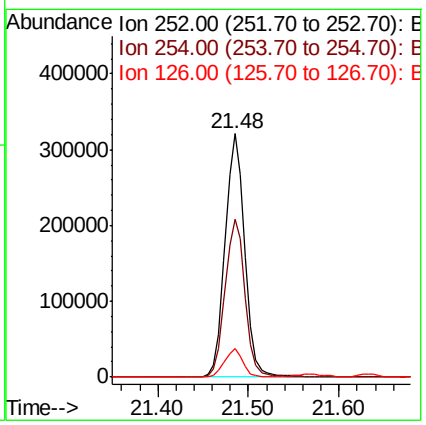


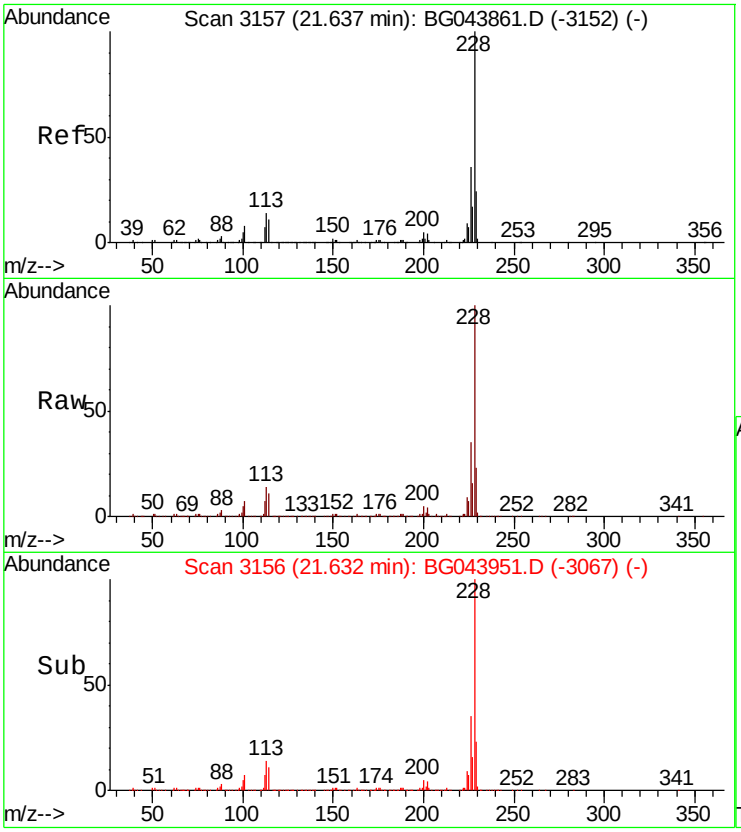


#82
3,3'-Dichlorobenzidine
Concen: 30.870 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:252 Resp: 482870

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.6	9.1	13.7



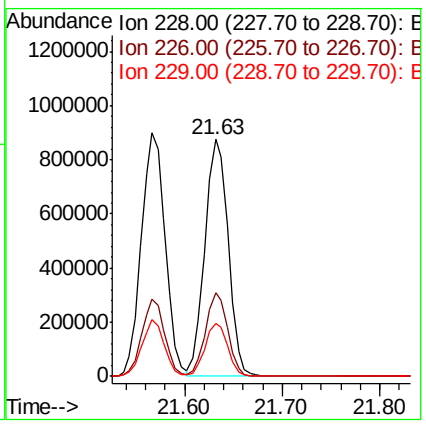


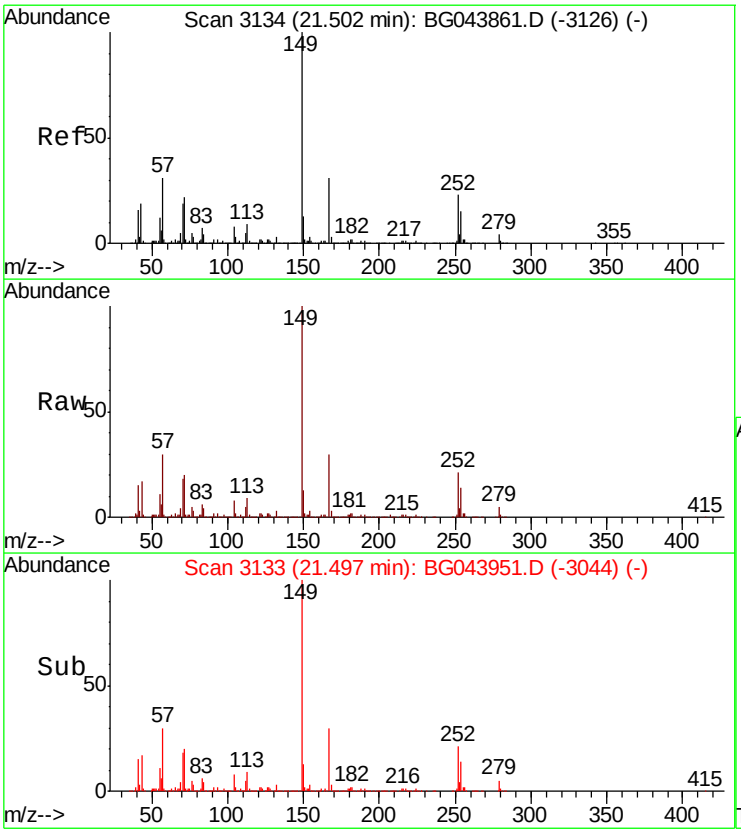
#83
Chrysene
Concen: 38.426 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1445630

Ion	Ratio	Lower	Upper
228	100		
226	35.3	28.8	43.2
229	22.6	19.0	28.6

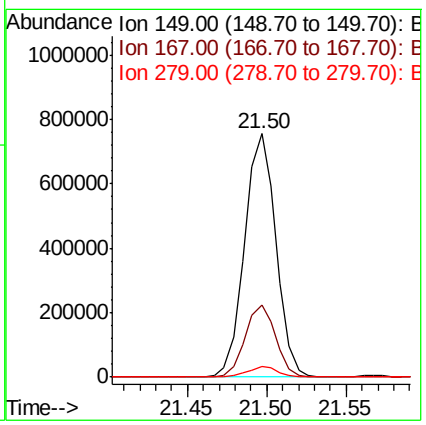


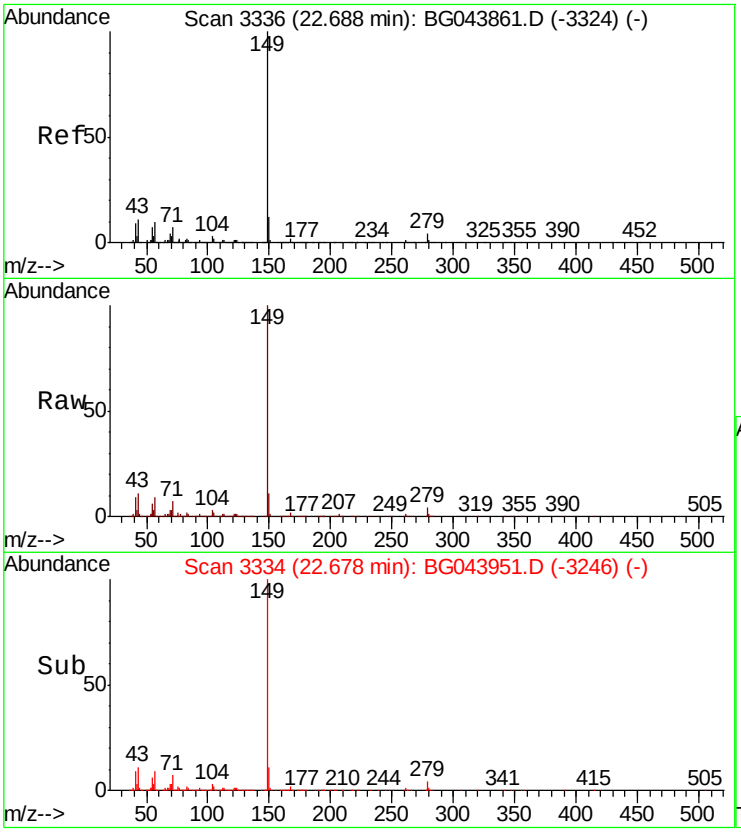


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.799 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:149 Resp: 1034912

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.7	37.1
279	4.6	3.3	4.9



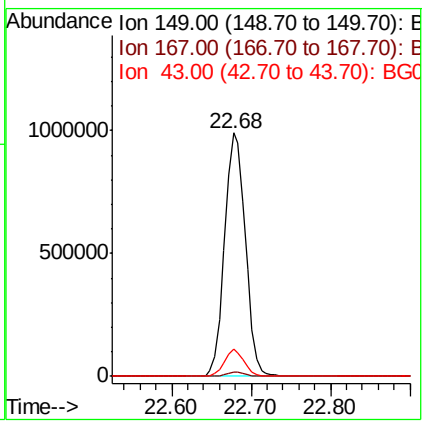


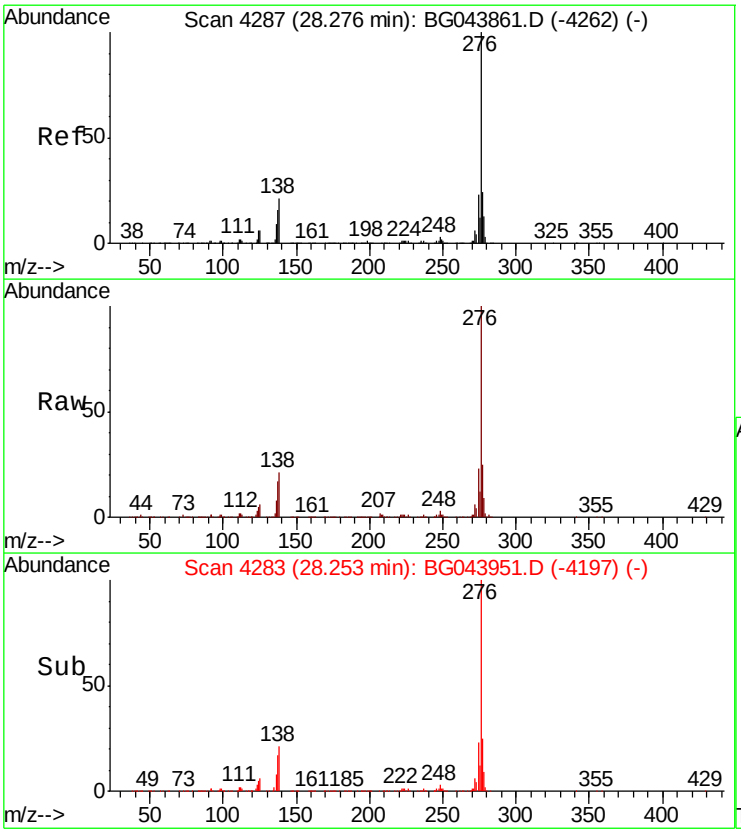
#85
Di-n-octyl phthalate
Concen: 38.875 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1789375

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.8	13.2

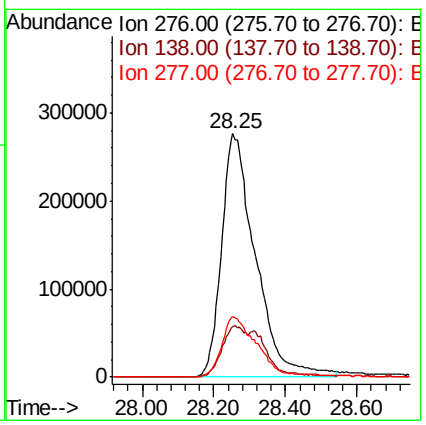


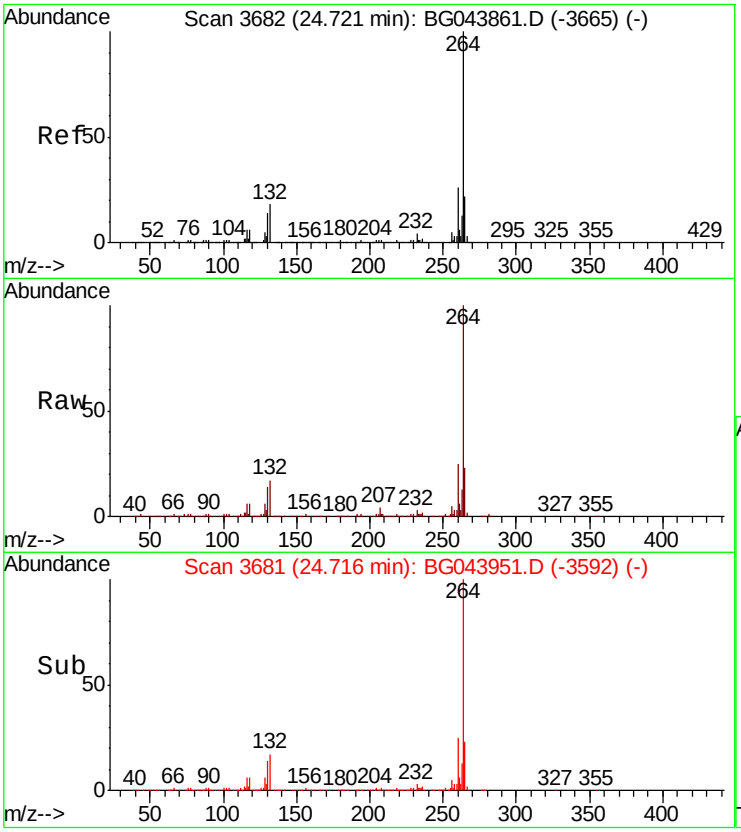


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.598 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:276 Resp: 1820038

Ion	Ratio	Lower	Upper
276	100		
138	14.7	21.0	31.4#
277	25.5	21.1	31.7



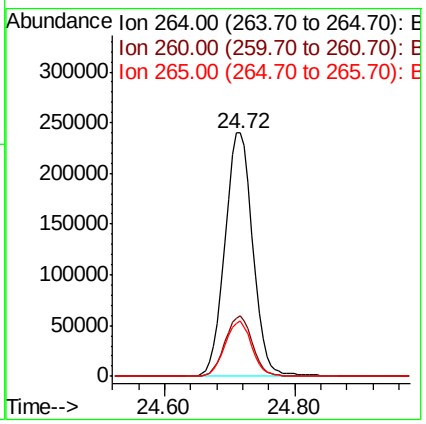


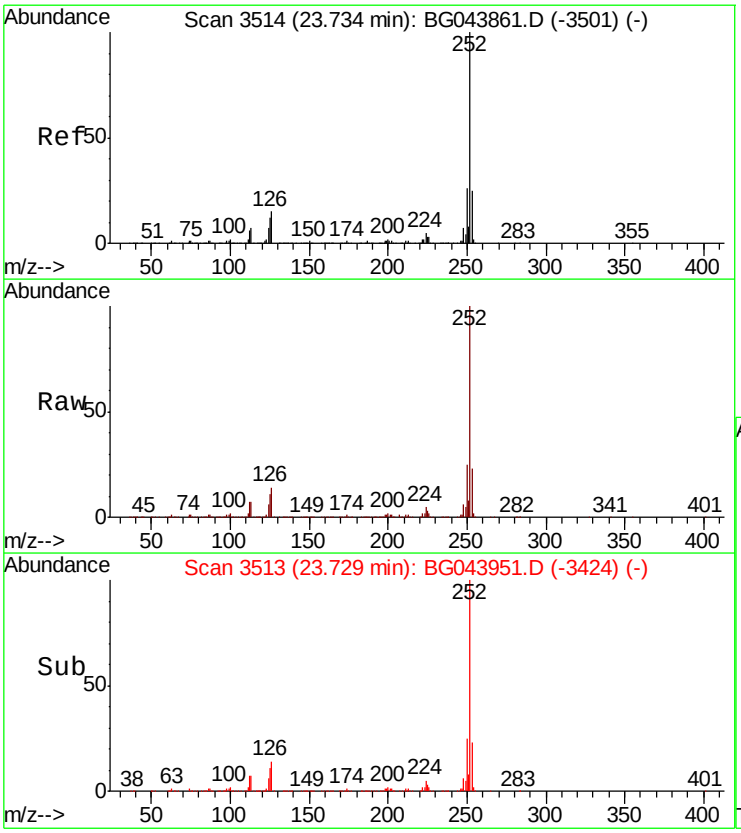
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 712355

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	22.9	17.4	26.2

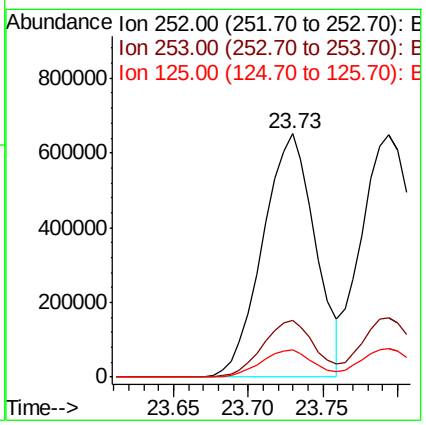


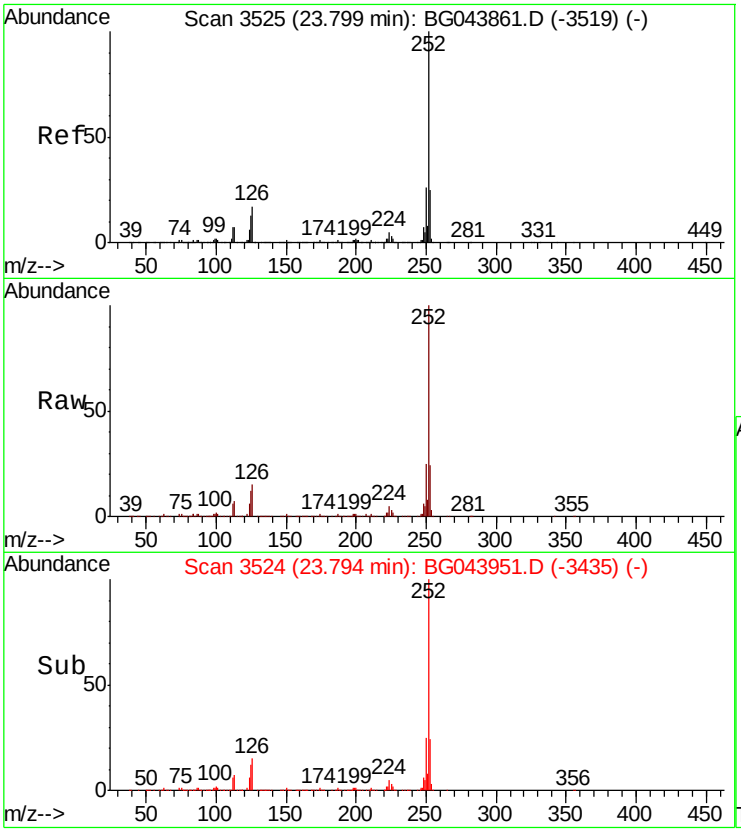


#88
Benzo(b)fluoranthene
Concen: 37.899 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:252 Resp: 1596023

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	11.1	9.4	14.2



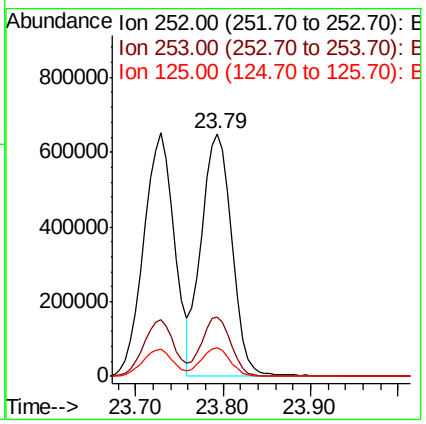


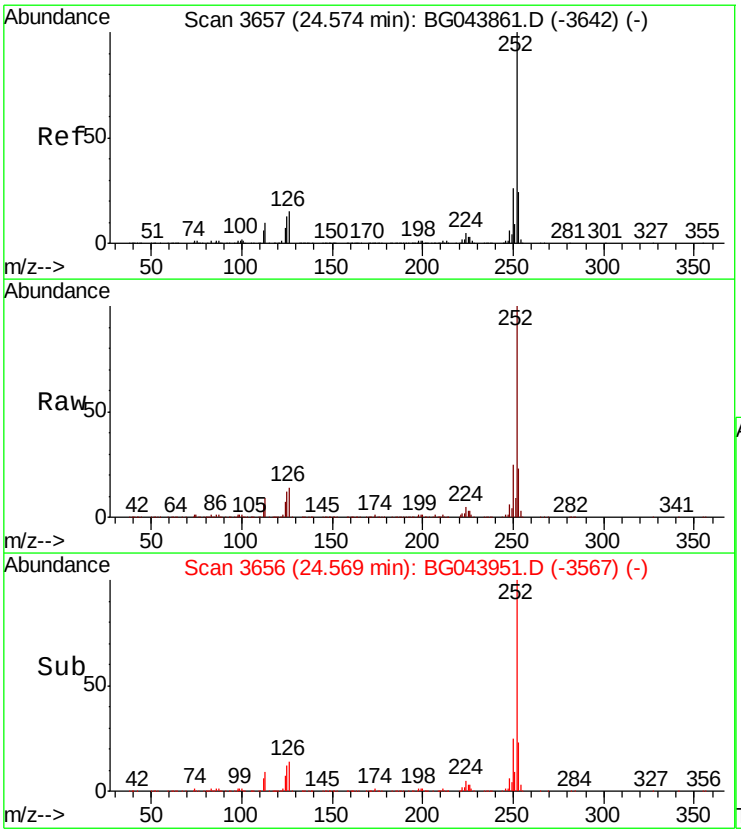
#89
Benzo(k)fluoranthene
Concen: 39.466 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1580488

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	11.9	9.9	14.9

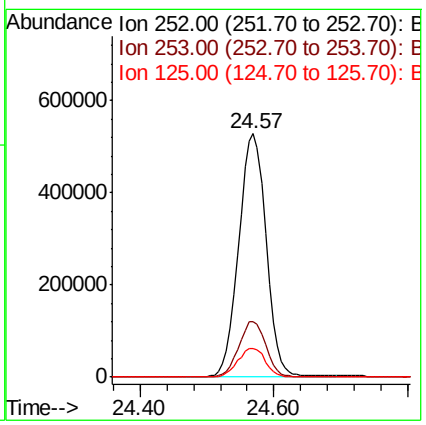


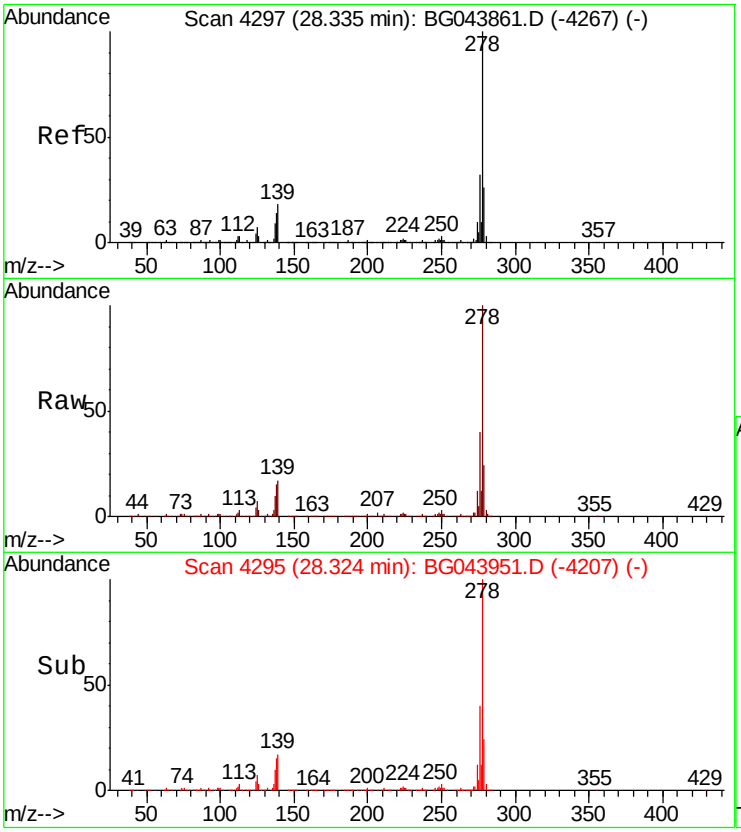


#90
Benzo(a)pyrene
Concen: 37.515 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:252 Resp: 1491098

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.3	28.9
125	11.9	10.4	15.6



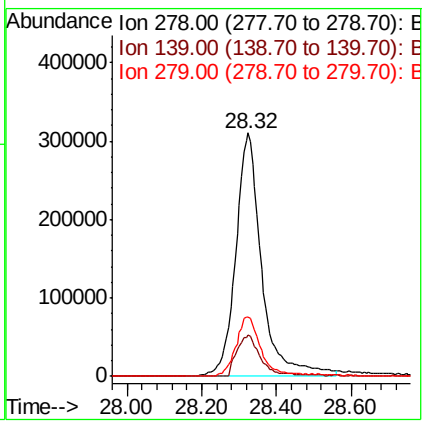


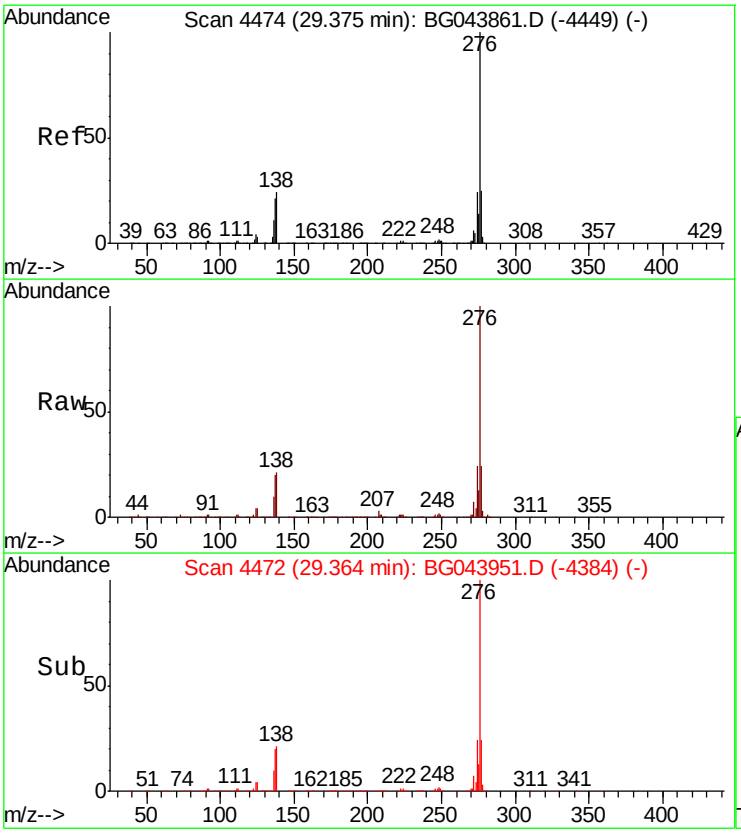
#91
Dibenzo(a,h)anthracene
Concen: 37.466 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :

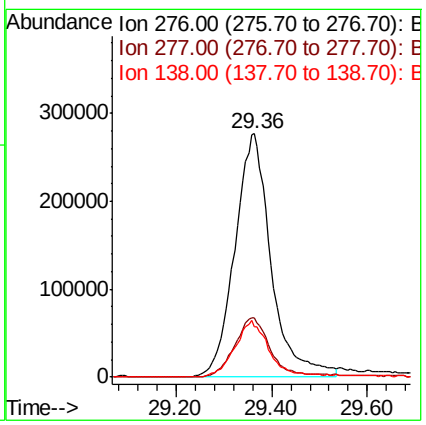
Tgt Ion:278 Resp: 1495570

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.2	21.4
279	24.1	20.6	30.8





#92
Benzo(g,h,i)perylene
Concen: 36.471 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:276 Resp: 1446110

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.2	30.4
138	20.7	19.0	28.6