Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043766.D
Acq On : 23 Nov 2019 21:34
Operator : JU
Sample : K5933-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 25 02:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	13053	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	69709	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	66016	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	298140	20.00	ng		0.00
76) Chrysene-d12	21.65	240	695896	20.00	ng		-0.01
87) Perylene-d12	24.84	264	647403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	142567	196.36	ng		0.00
7) Phenol-d6	7.18	99	228379	216.38	ng		0.00
23) Nitrobenzene-d5	9.17	82	111647	88.06	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	176485	221.64	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	335438	83.52	ng		-0.01
79) Terphenyl-d14	20.01	244	2153571	69.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	57	0.177	ng	#	1
3) Pyridine	3.93	79	3729	4.114	ng	#	75
4) n-Nitrosodimethylamine	3.84	42	291	0.646	ng	#	1
6) Aniline	7.34	93	1780	1.294	ng	#	65
9) Benzaldehyde	7.18	77	618	0.980	ng	#	31
10) Phenol	7.09	94	80	0.074	ng	#	39
11) bis(2-Chloroethyl)ether	7.43	93	91	0.101	ng	#	18
15) Benzyl Alcohol	8.23	79	85	0.096	ng	#	58
16) 2,2'-oxybis(1-Chloropropan	8.56	45	204	0.131	ng		71
17) 2-Methylphenol	8.50	107	56	0.072	ng	#	6
18) Hexachloroethane	9.04	117	133	0.357	ng	#	34
19) n-Nitroso-di-n-propylamine	9.18	70	15150	18.253	ng	#	76
20) 3+4-Methylphenols	8.73	107	55	0.051	ng	#	22
22) Acetophenone	8.85	105	55	0.030	ng	#	1
24) Nitrobenzene	9.22	77	53	0.041	ng	#	41
25) Isophorone	9.76	82	169	0.062	ng	#	67
26) 2-Nitrophenol	9.66	139	54	0.115	ng	#	33
27) 2,4-Dimethylphenol	9.74	122	62	0.067	ng	#	1
28) bis(2-Chloroethoxy)methane	10.26	93	143	0.085	ng	#	8
31) Naphthalene	10.88	128	1516	0.438	ng	#	77
32) Benzoic acid	10.35	122	80	0.120	ng	#	29
33) 4-Chloroaniline	10.98	127	729	0.438	ng	#	41
35) Caprolactam	12.04	113	66	0.145	ng		89
36) 4-Chloro-3-methylphenol	12.13	107	65	0.052	ng	#	17
37) 2-Methylnaphthalene	12.48	142	427	0.164	ng	#	88
38) 1-Methylnaphthalene	12.70	142	710	0.287	ng	#	88
46) 1,1'-Biphenyl	13.49	154	775	0.169	ng		80
47) 2-Chloronaphthalene	13.22	162	60	0.016	ng	#	39
48) 2-Nitroaniline	13.74	65	78	0.071	ng	#	5
49) Acenaphthylene	14.37	152	174	0.030	ng	#	59
50) Dimethylphthalate	14.09	163	65	0.012	ng	#	76
51) 2,6-Dinitrotoluene	14.65	165	8197	8.440	ng	#	24
52) Acenaphthene	14.71	154	152	0.040	ng	#	61
55) Dibenzofuran	15.05	168	742	0.127	ng	#	84

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043766.D
Acq On : 23 Nov 2019 21:34
Operator : JU
Sample : K5933-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 25 02:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 4-Nitrophenol	15.01	139	63	0.066	ng	#	58
57) 2,4-Dinitrotoluene	14.65	165	8197	6.086	ng	#	22
58) Fluorene	15.70	166	1085	0.226	ng	#	91
60) Diethylphthalate	15.48	149	277	Below Cal		#	57
62) 4-Nitroaniline	15.81	138	57	0.044	ng	#	13
63) Azobenzene	15.98	77	225	0.046	ng	#	34
65) 4,6-Dinitro-2-methylphenol	16.13	198	827	4.949	ng	#	1
66) n-Nitrosodiphenylamine	16.13	169	6921	0.877	ng	#	48
67) 4-Bromophenyl-phenylether	16.14	248	12682	4.034	ng	#	1
71) Phenanthrene	17.43	178	4826	0.327	ng		96
72) Anthracene	17.43	178	4826	0.324	ng		96
73) Carbazole	17.79	167	450	Below Cal		#	62
74) Di-n-butylphthalate	18.37	149	1525	0.081	ng	#	70
75) Fluoranthene	19.44	202	2057	0.097	ng		88
77) Benzidine	19.64	184	1295	0.064	ng	#	64
78) Pyrene	19.80	202	1533	0.034	ng	#	89
80) Butylbenzylphthalate	20.71	149	464	0.023	ng	#	64
81) Benzo(a)anthracene	21.65	228	2409	0.052	ng	#	62
82) 3,3'-Dichlorobenzidine	21.56	252	912	0.052	ng	#	66
83) Chrysene	21.70	228	144	0.003	ng	#	45
84) Bis(2-ethylhexyl)phthalate	21.58	149	3286	0.114	ng	#	80
85) Di-n-octyl phthalate	22.79	149	593	0.013	ng	#	1
86) Indeno(1,2,3-cd)pyrene	28.44	276	155	0.003	ng	#	53
88) Benzo(b)fluoranthene	23.83	252	441	0.011	ng	#	60
89) Benzo(k)fluoranthene	23.91	252	258	0.007	ng	#	58
90) Benzo(a)pyrene	24.70	252	403	0.011	ng	#	59
91) Dibenzo(a,h)anthracene	28.53	278	365	0.010	ng	#	57
92) Benzo(g,h,i)perylene	29.60	276	54	0.002	ng	#	54

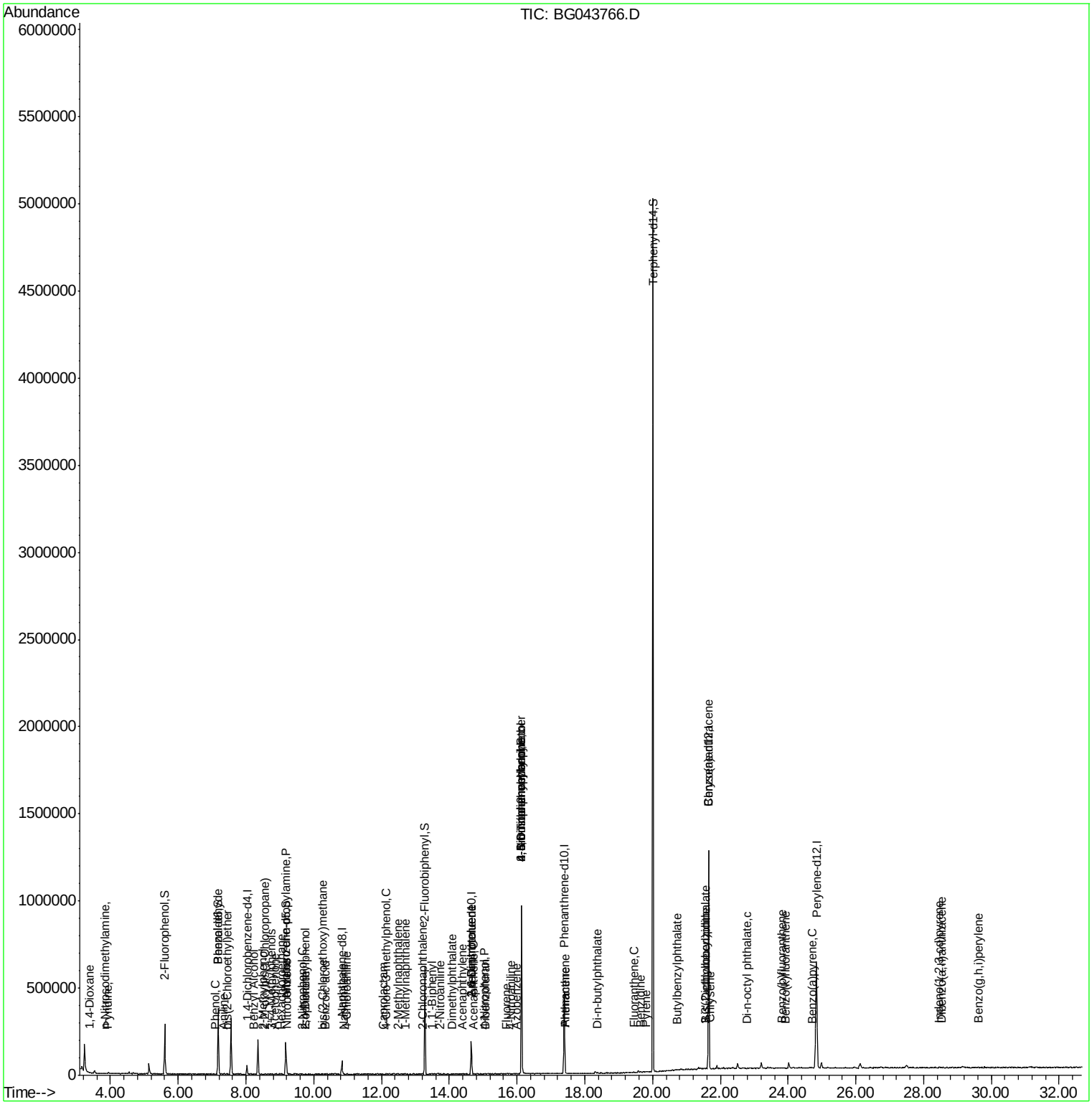
(#) = qualifier out of range (m) = manual integration (+) = signals summed

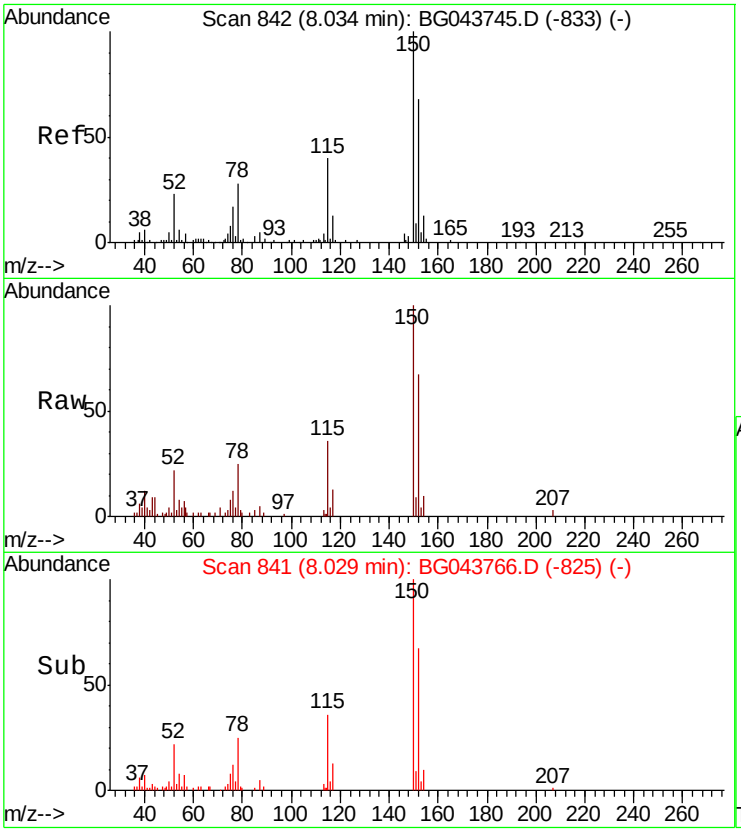
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043766.D
Acq On : 23 Nov 2019 21:34
Operator : JU
Sample : K5933-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 25 02:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration



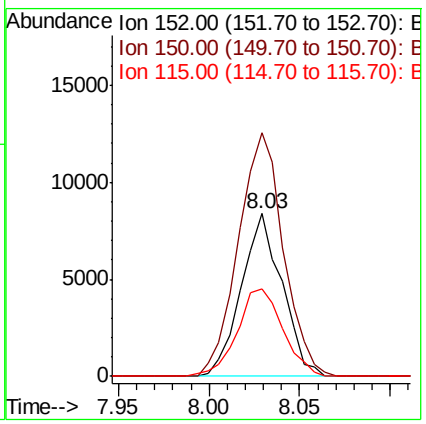


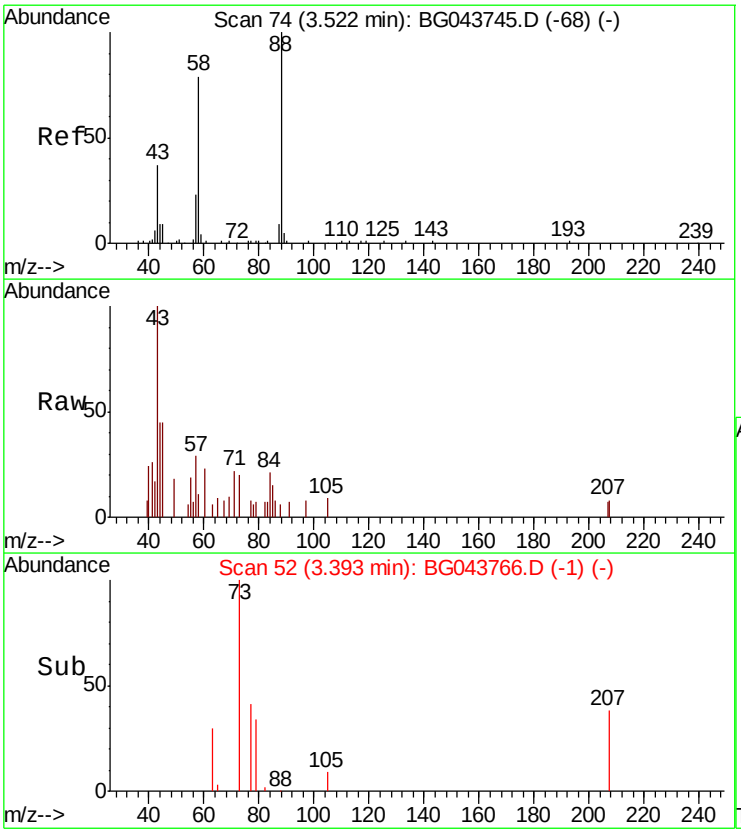
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 13053

Ion	Ratio	Lower	Upper
152	100		
150	149.7	117.8	176.8
115	53.9	47.0	70.4

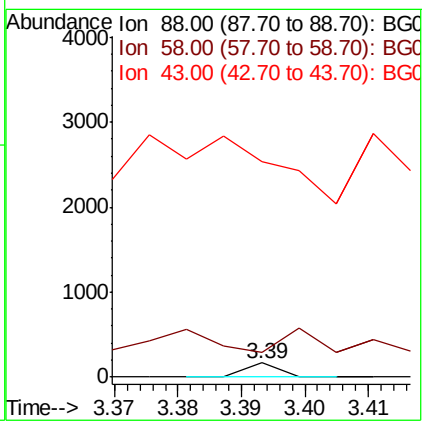


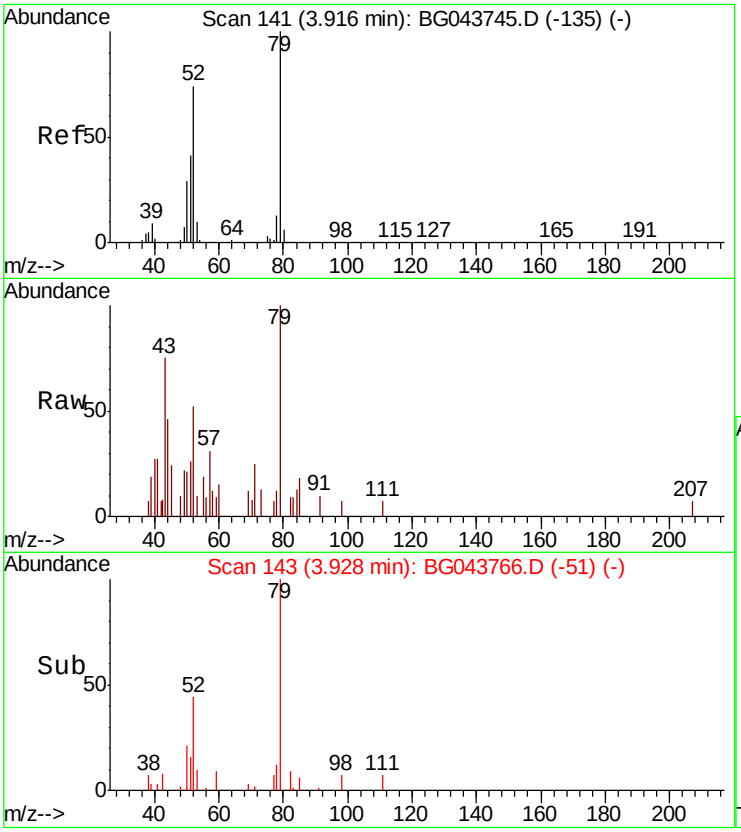


#2
1,4-Dioxane
Concen: 0.177 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.13 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
58	522.8	62.3	93.5#
43	0.0	28.9	43.3#



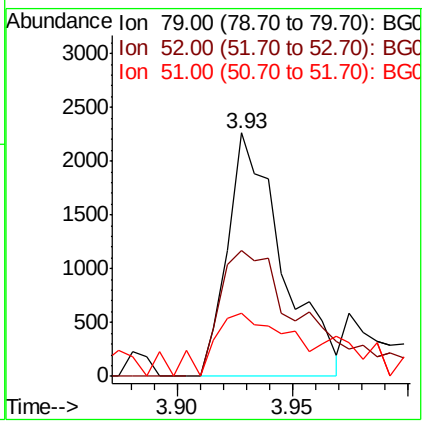


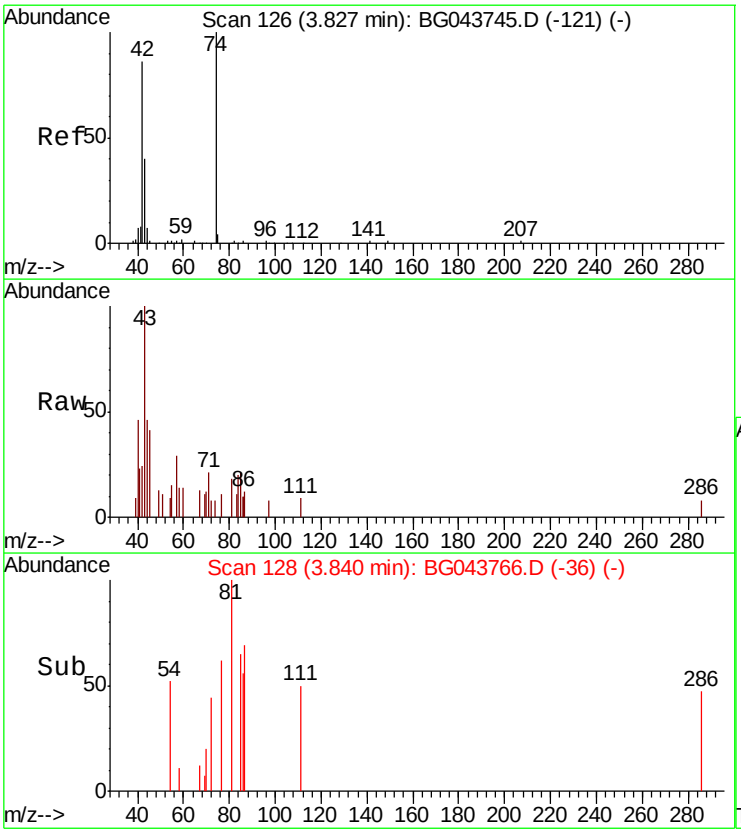
#3
Pyridine
Concen: 4.114 ng
RT: 3.93 min Scan# 143
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3729

Ion	Ratio	Lower	Upper
79	100		
52	51.9	59.0	88.6#
51	25.9	32.9	49.3#

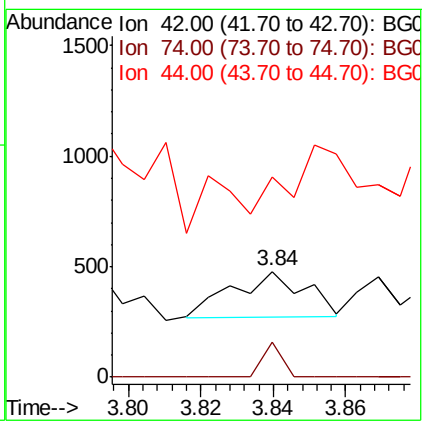


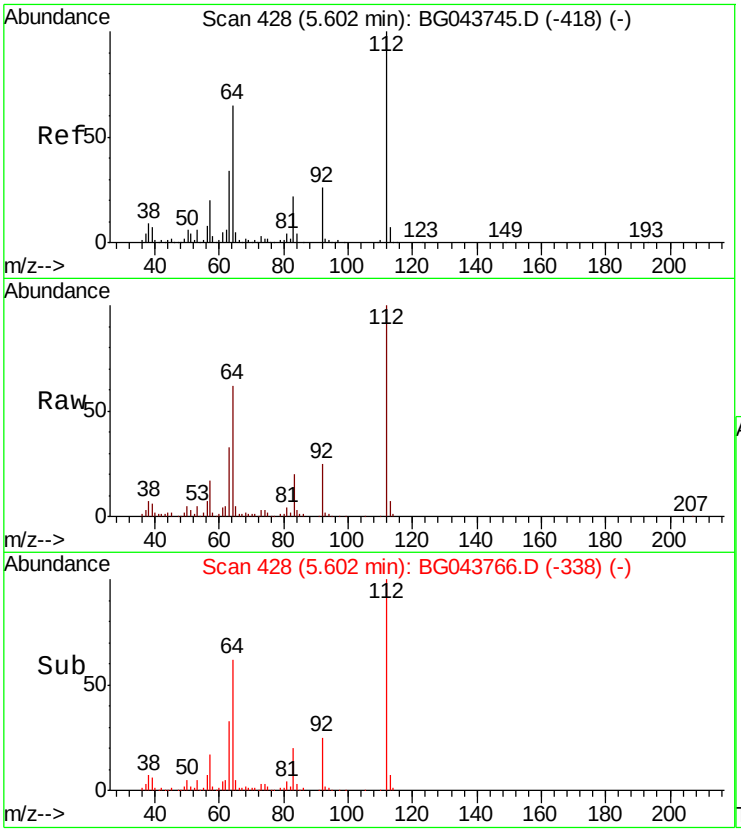


#4
n-Nitrosodimethylamine
Concen: 0.646 ng
RT: 3.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 42 Resp: 291

Ion	Ratio	Lower	Upper
42	100		
74	33.4	91.9	137.9#
44	188.7	9.1	13.7#



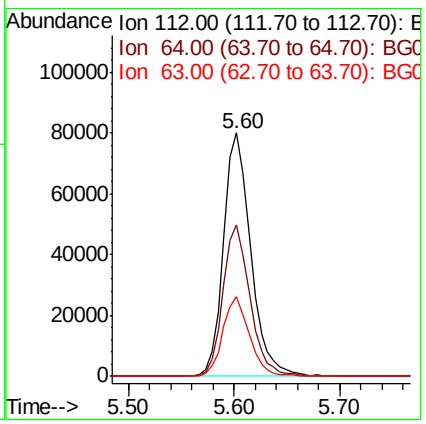


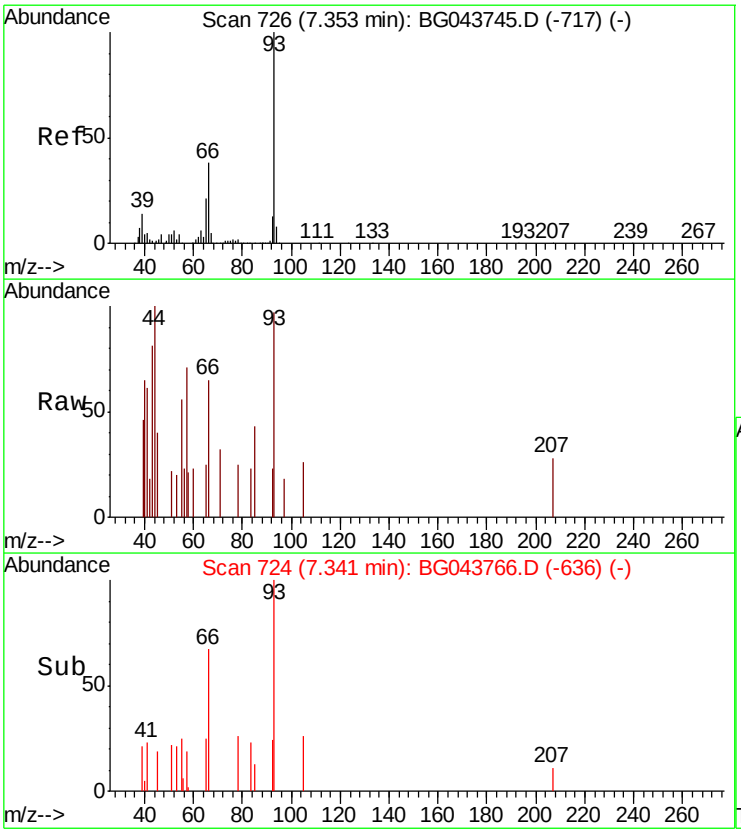
#5
2-Fluorophenol
Concen: 196.357 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 142567

Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.7	77.5
63	32.9	26.8	40.2

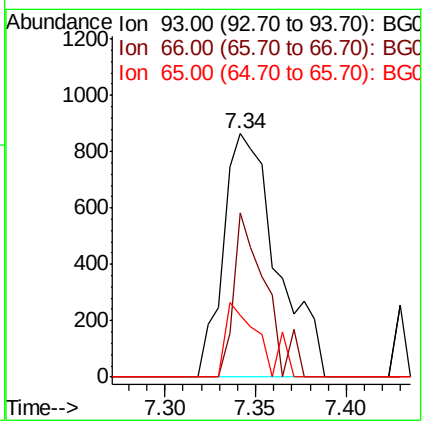


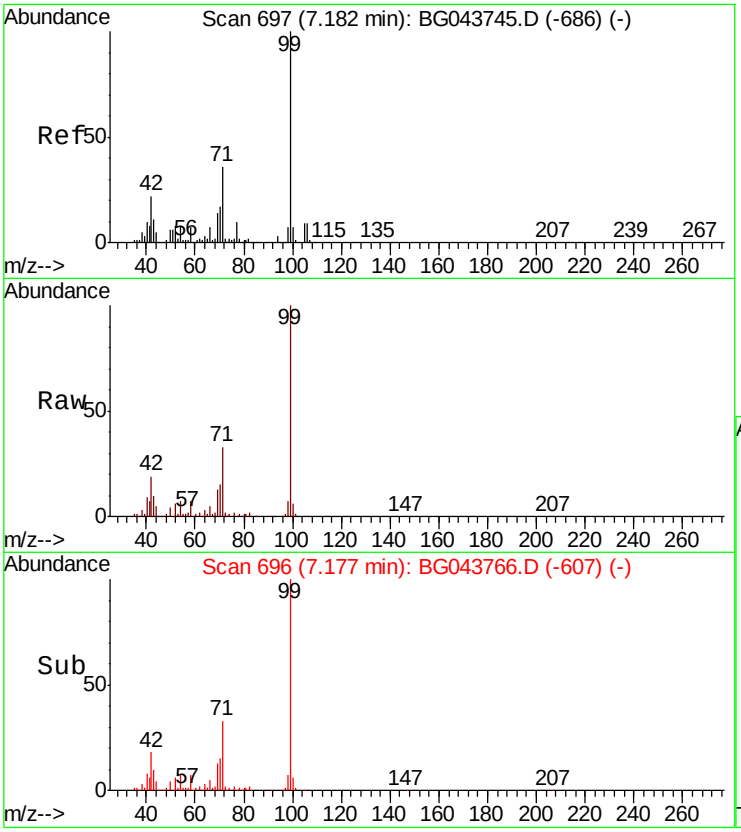


#6
Aniline
Concen: 1.294 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 93 Resp: 1780

Ion	Ratio	Lower	Upper
93	100		
66	67.5	30.6	46.0#
65	25.5	16.8	25.2#



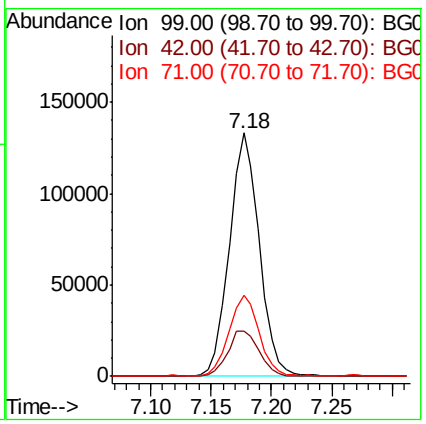


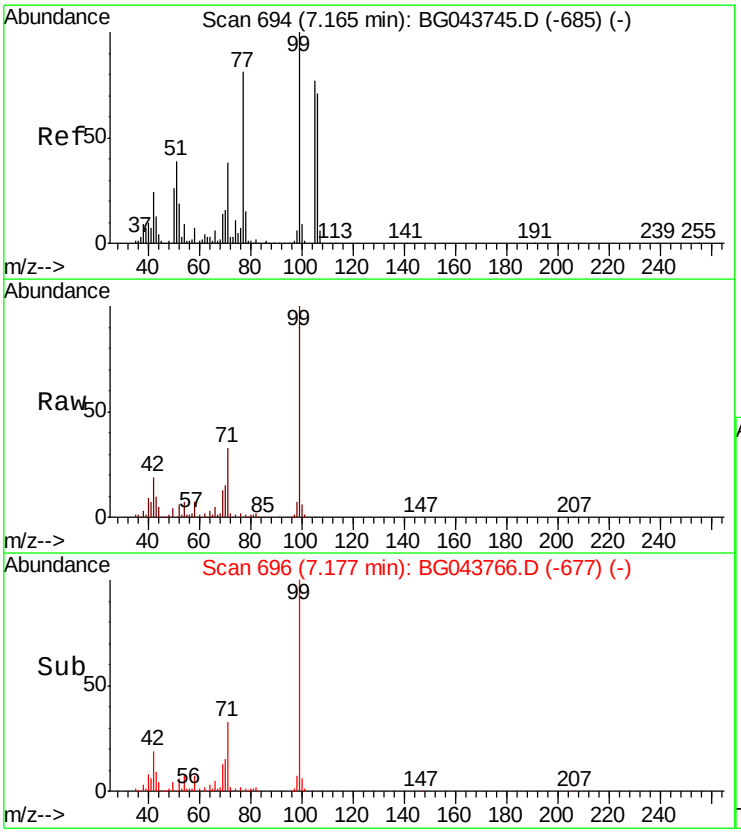
#7
Phenol-d6
Concen: 216.380 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 228379

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.4	26.0
71	33.4	29.5	44.3

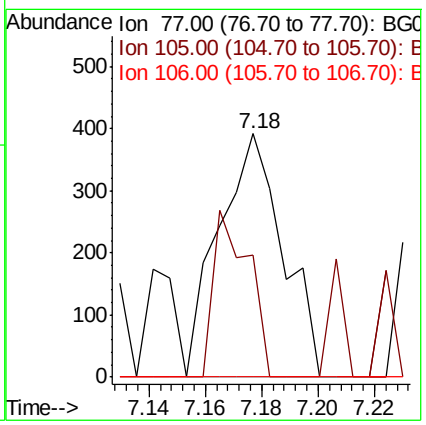


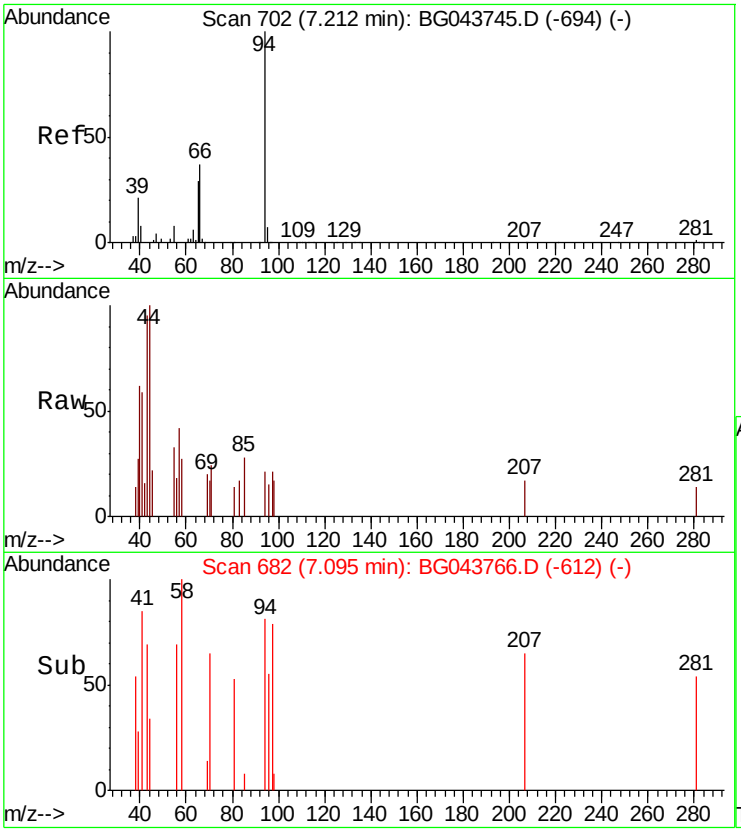


#9
Benzaldehyde
Concen: 0.980 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 77 Resp: 618

Ion	Ratio	Lower	Upper
77	100		
105	50.3	75.0	115.0#
106	0.0	67.4	107.4#



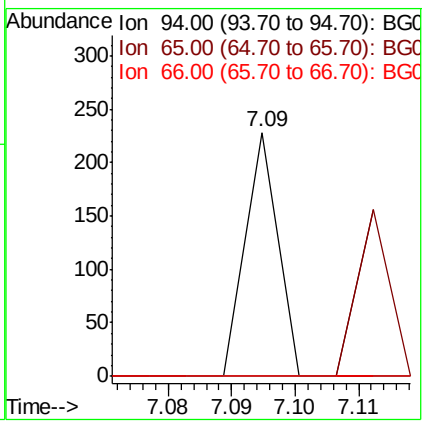


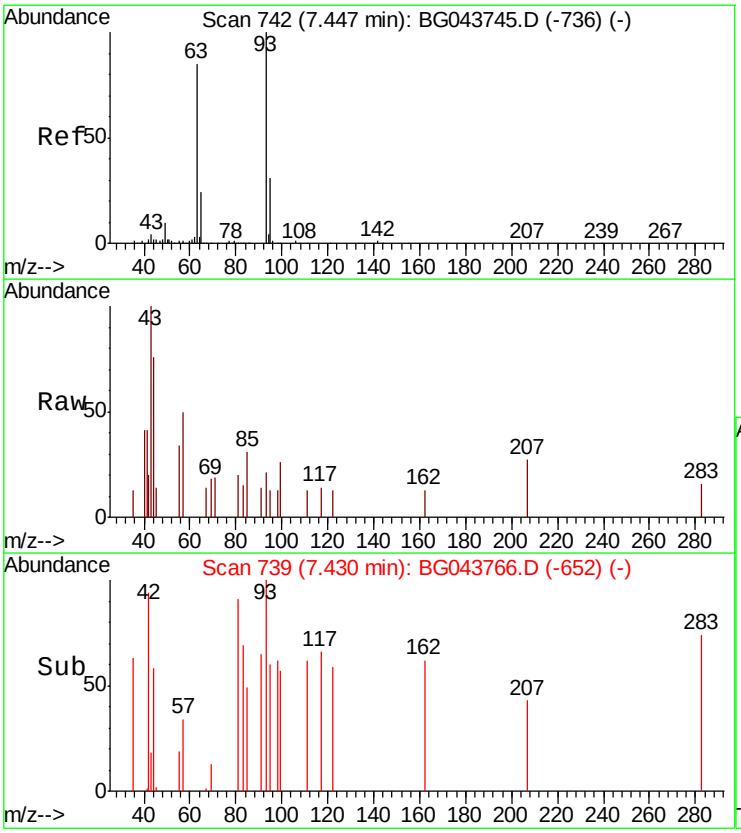
#10
Phenol
Concen: 0.074 ng
RT: 7.09 min Scan# 682
Delta R.T. -0.12 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 80

Ion	Ratio	Lower	Upper
94	100		
65	0.0	10.3	50.3#
66	0.0	20.5	60.5#

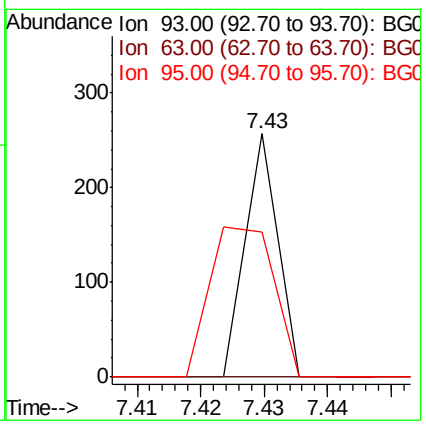


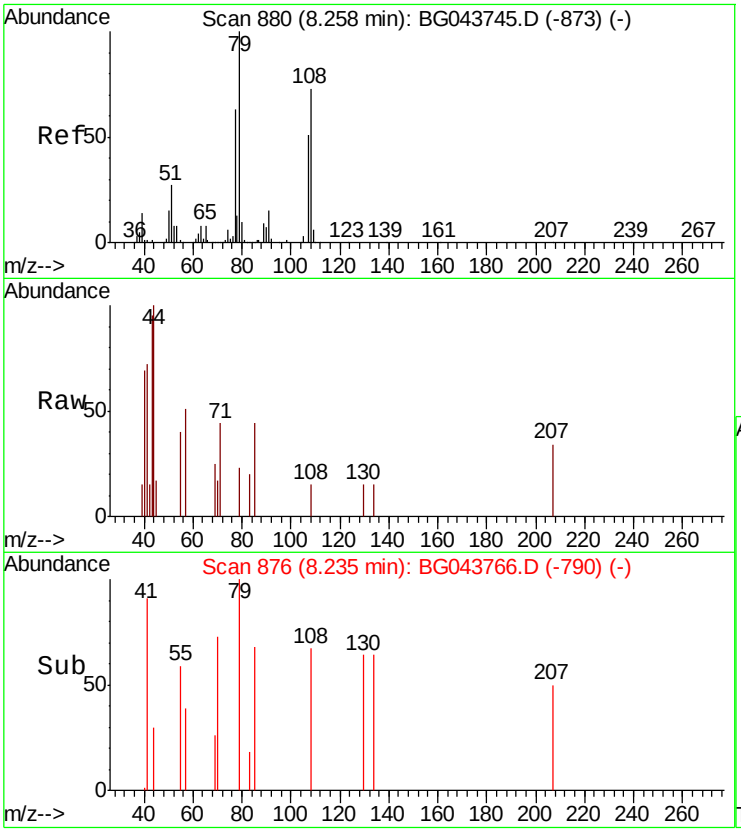


#11
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 93 Resp: 91

Ion	Ratio	Lower	Upper
93	100		
63	0.0	64.4	104.4#
95	59.5	11.3	51.3#



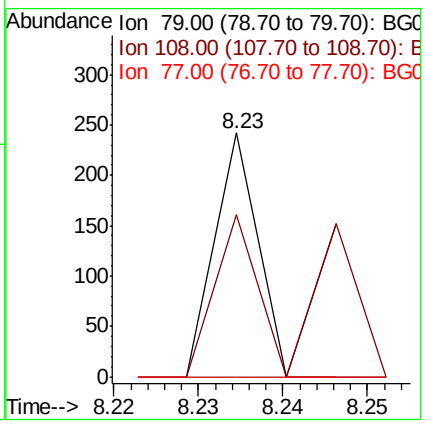


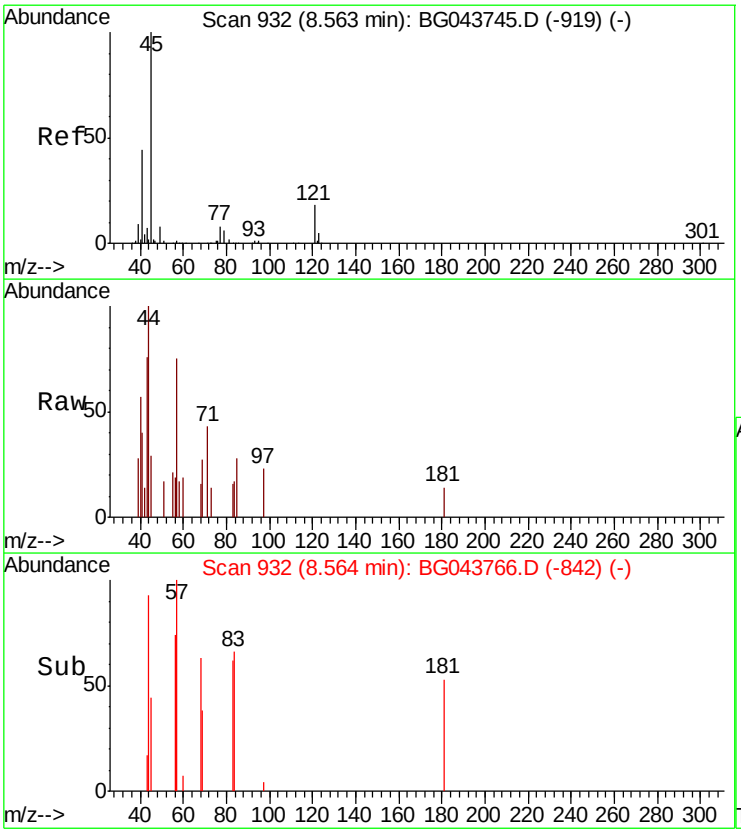
#15
Benzyl Alcohol
Concen: 0.096 ng
RT: 8.23 min Scan# 876
Delta R.T. -0.02 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 85

Ion	Ratio	Lower	Upper
79	100		
108	66.5	58.2	87.2
77	0.0	50.2	75.4#

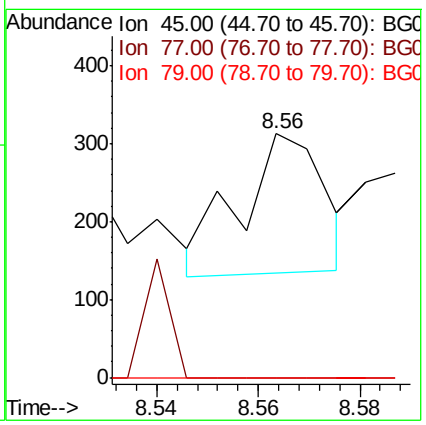


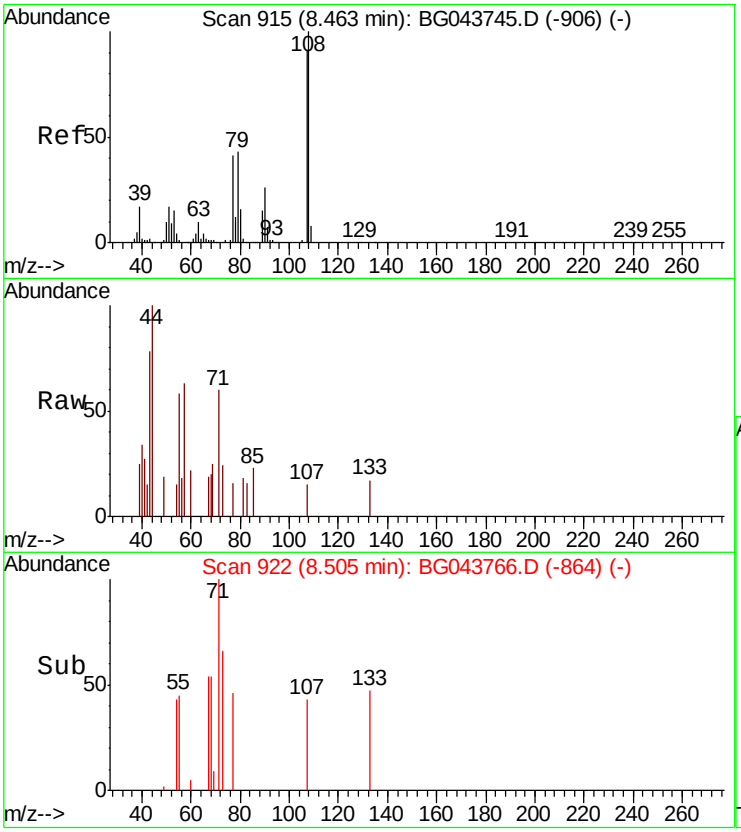


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.131 ng
RT: 8.56 min Scan# 932
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 45 Resp: 204

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.2
79	0.0	0.0	29.9



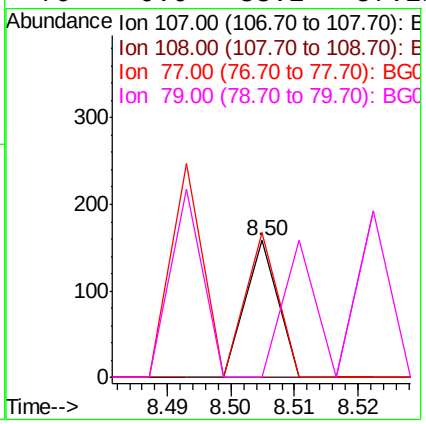


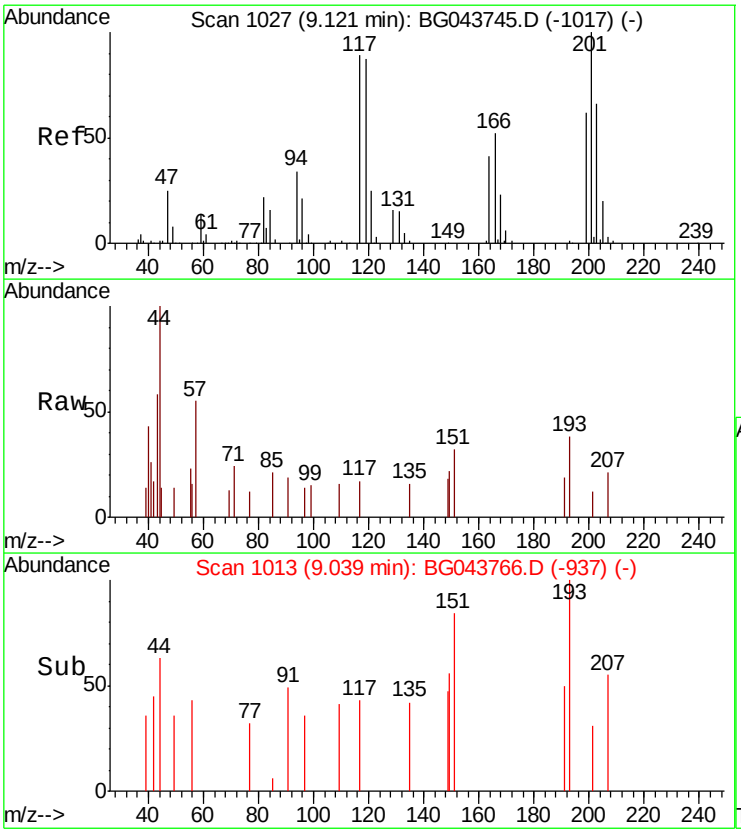
#17
2-Methylphenol
Concen: 0.072 ng
RT: 8.50 min Scan# 922
Delta R.T. 0.04 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 56

Ion	Ratio	Lower	Upper
107	100		
108	0.0	88.0	132.0#
77	106.3	35.9	53.9#
79	0.0	38.2	57.2#

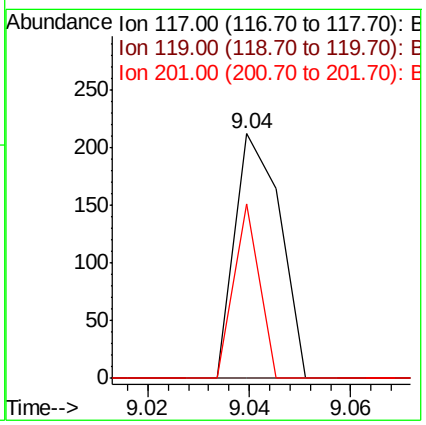


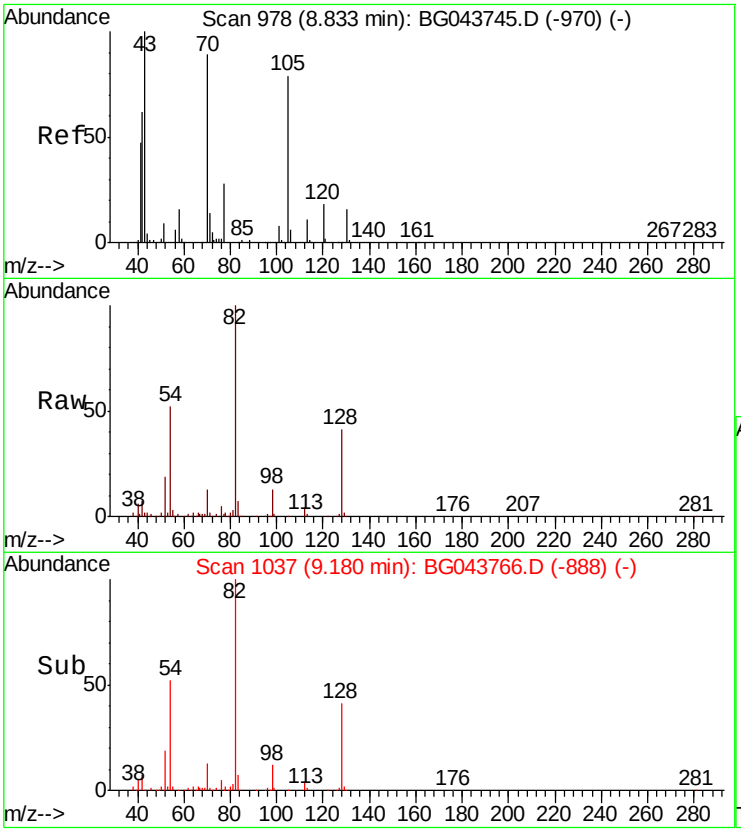


#18
Hexachloroethane
Concen: 0.357 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.08 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:117 Resp: 133

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.7	116.5#
201	71.2	89.4	134.0#



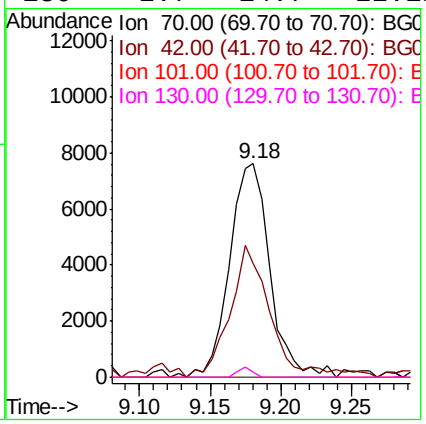


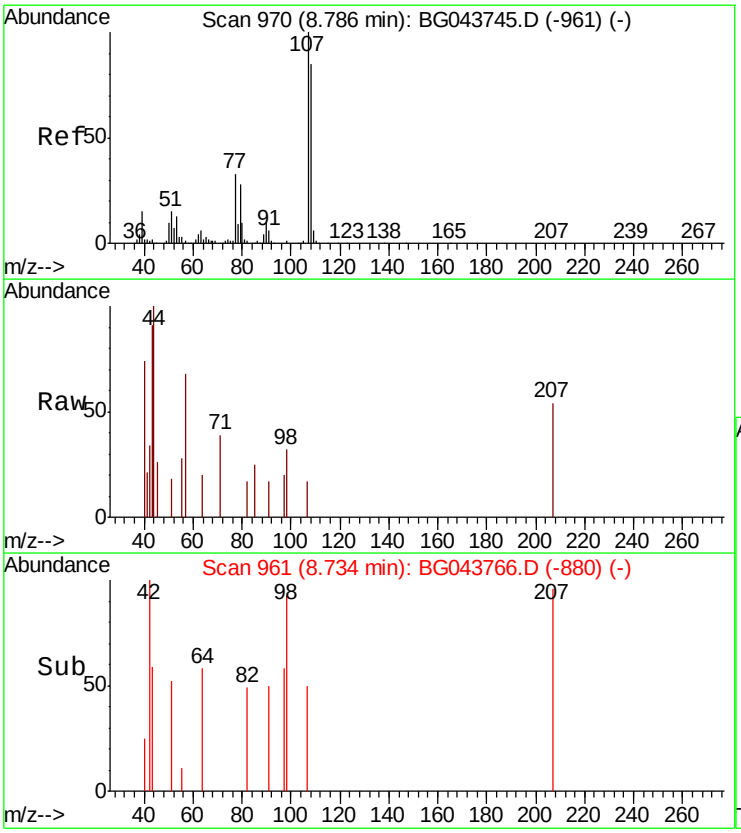
#19
n-Nitroso-di-n-propylamine
Concen: 18.253 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 15150

Ion	Ratio	Lower	Upper
70	100		
42	53.6	56.4	84.6#
101	0.0	6.7	10.1#
130	2.7	14.7	22.1#

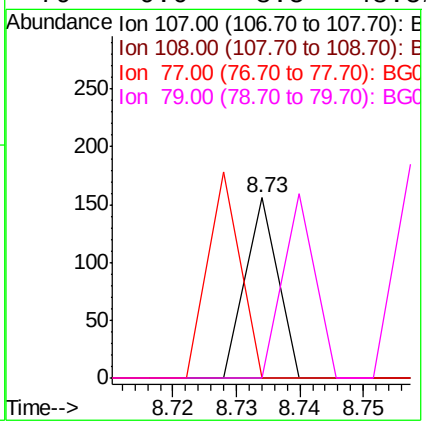


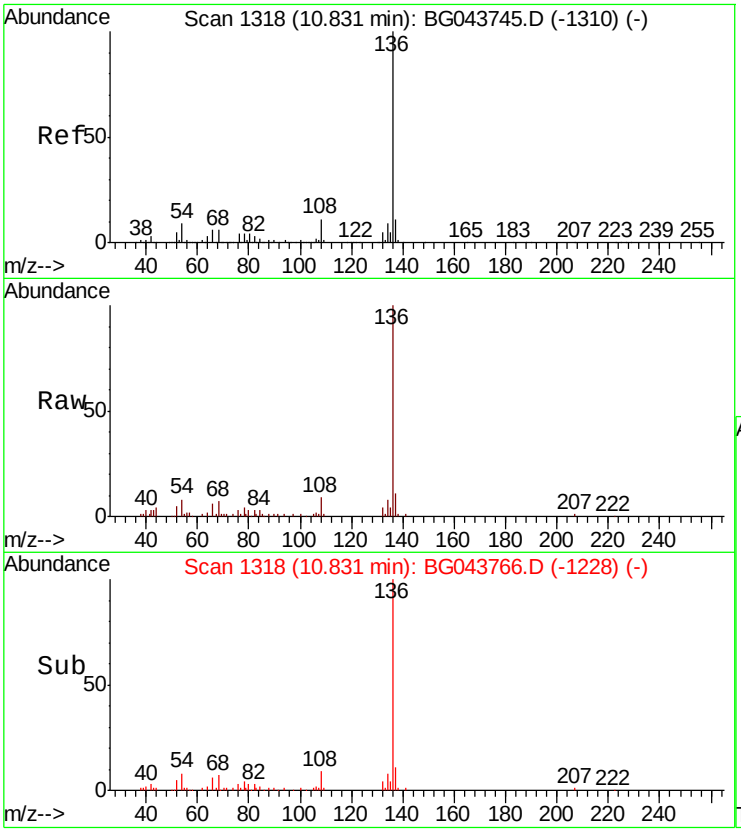


#20
3+4-Methylphenols
Concen: 0.051 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.05 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:107 Resp: 55

Ion	Ratio	Lower	Upper
107	100		
108	0.0	64.6	104.6#
77	0.0	13.7	53.7#
79	0.0	8.5	48.5#



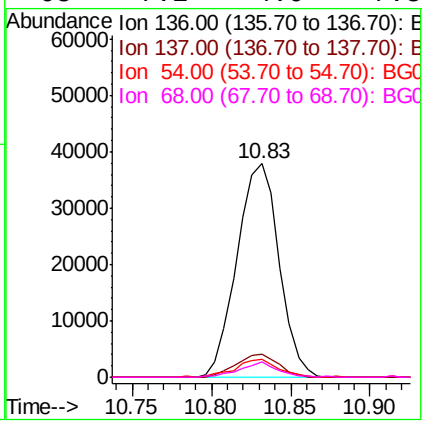


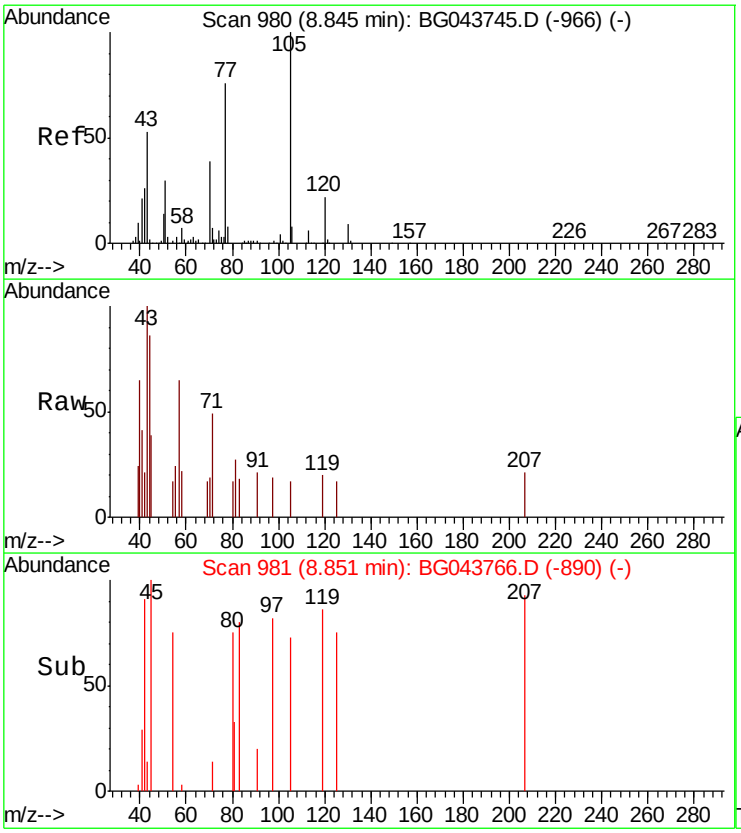
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 69709

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	7.5	11.3
68	7.2	4.9	7.3

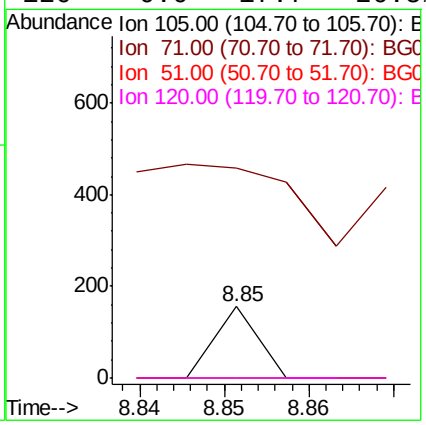


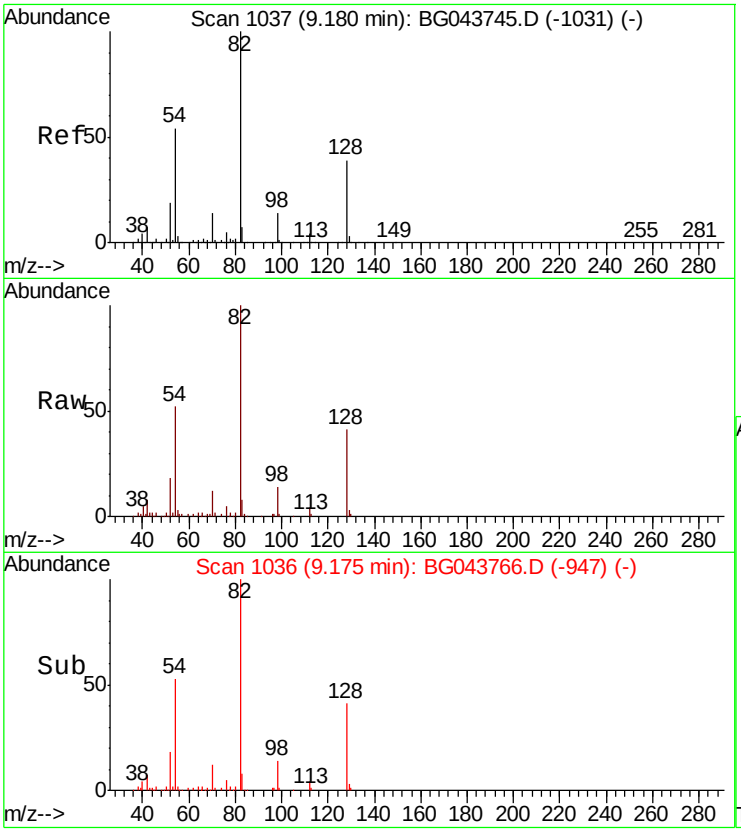


#22
Acetophenone
Concen: 0.030 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:105 Resp: 55

Ion	Ratio	Lower	Upper
105	100		
71	294.2	6.3	9.5#
51	0.0	24.7	37.1#
120	0.0	17.7	26.5#



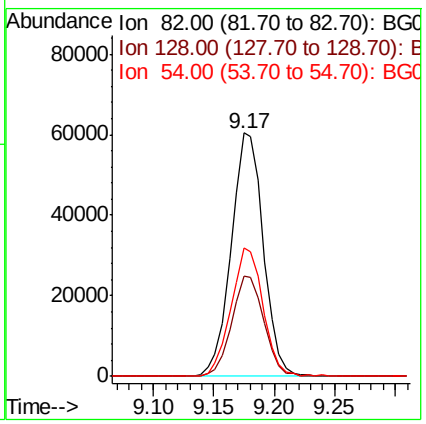


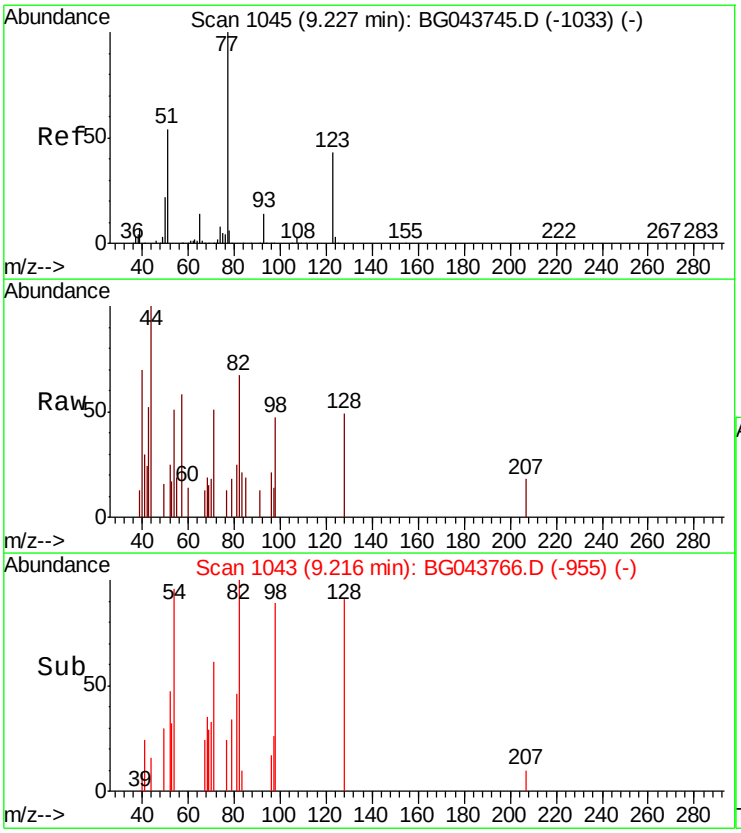
#23
Nitrobenzene-d5
Concen: 88.061 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 111647

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.3	46.9
54	52.5	42.7	64.1

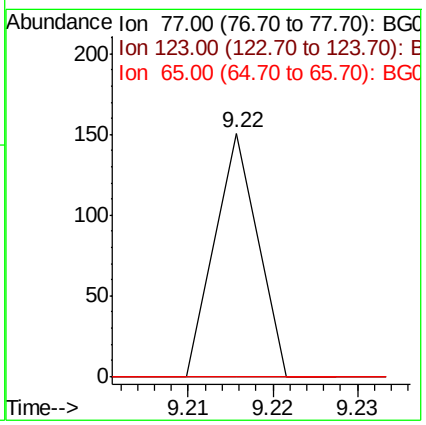


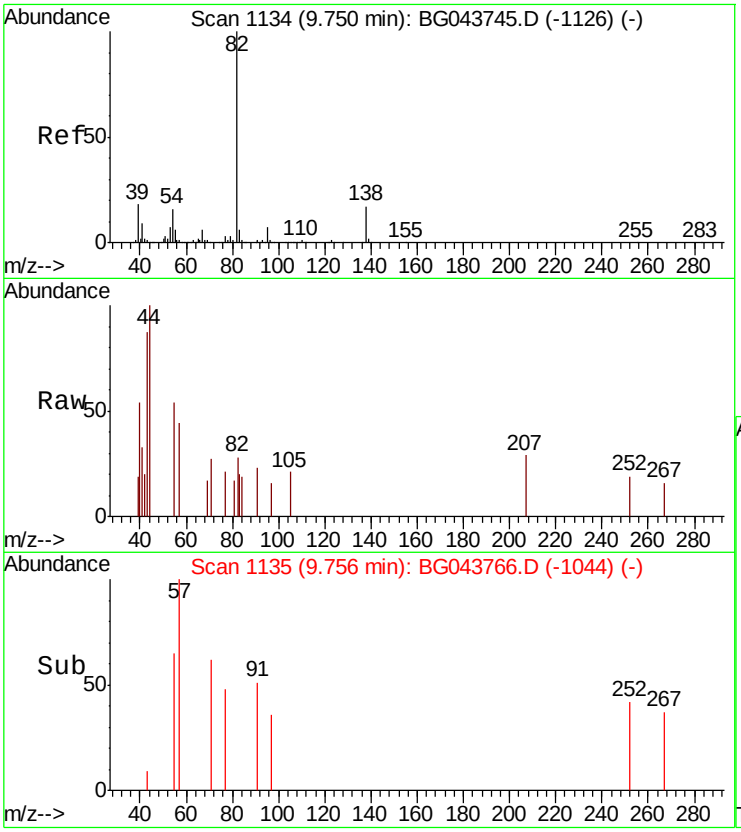


#24
Nitrobenzene
Concen: 0.041 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 77 Resp: 53

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.7	52.1#
65	0.0	11.0	16.6#



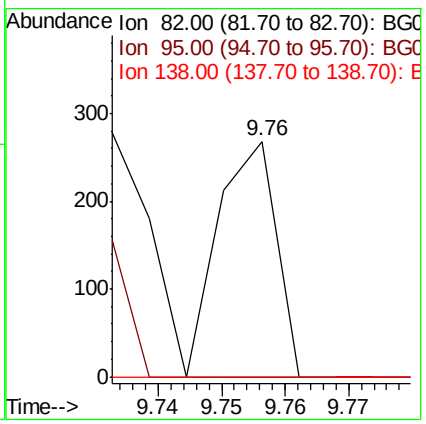


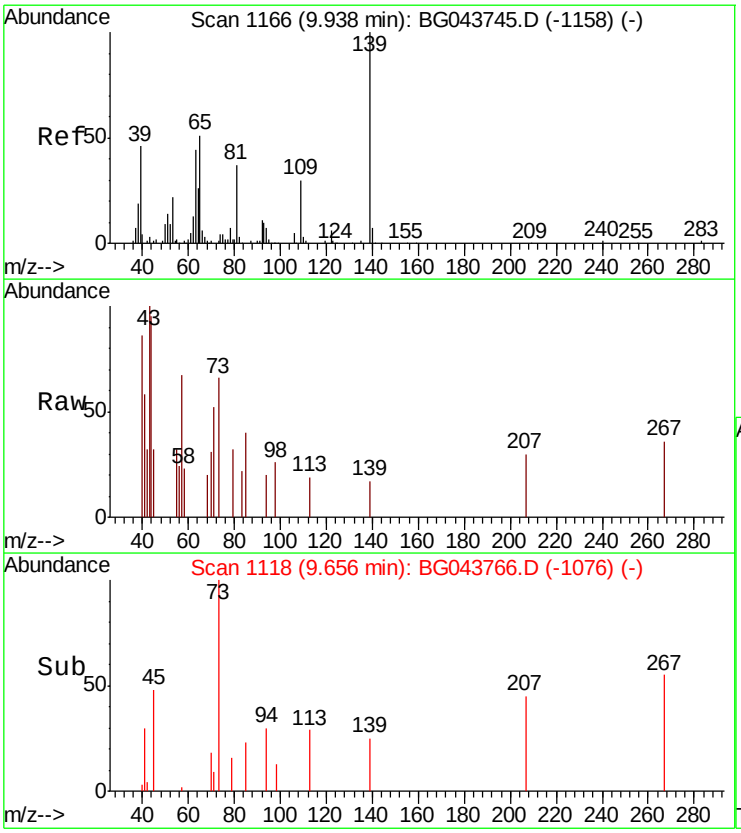
#25
Isophorone
Concen: 0.062 ng
RT: 9.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 169

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	13.3	19.9#

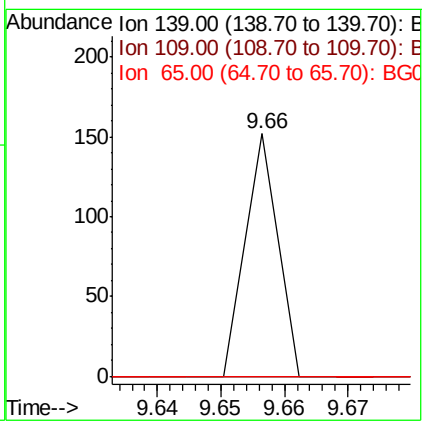


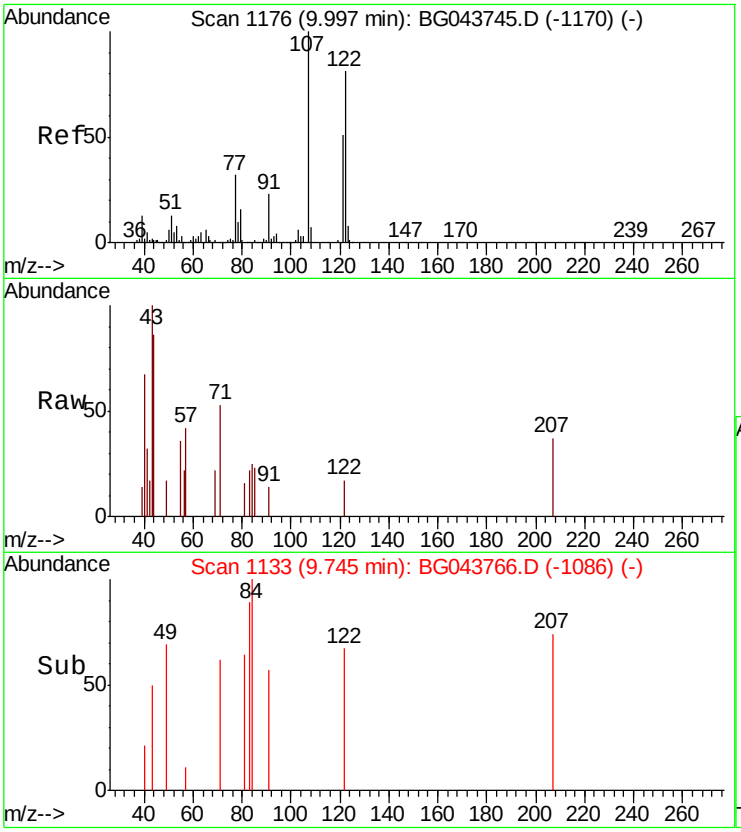


#26
2-Nitrophenol
Concen: 0.115 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.28 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.1	36.1#
65	0.0	41.1	61.7#



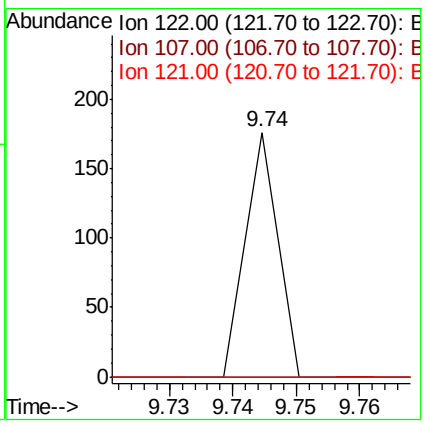


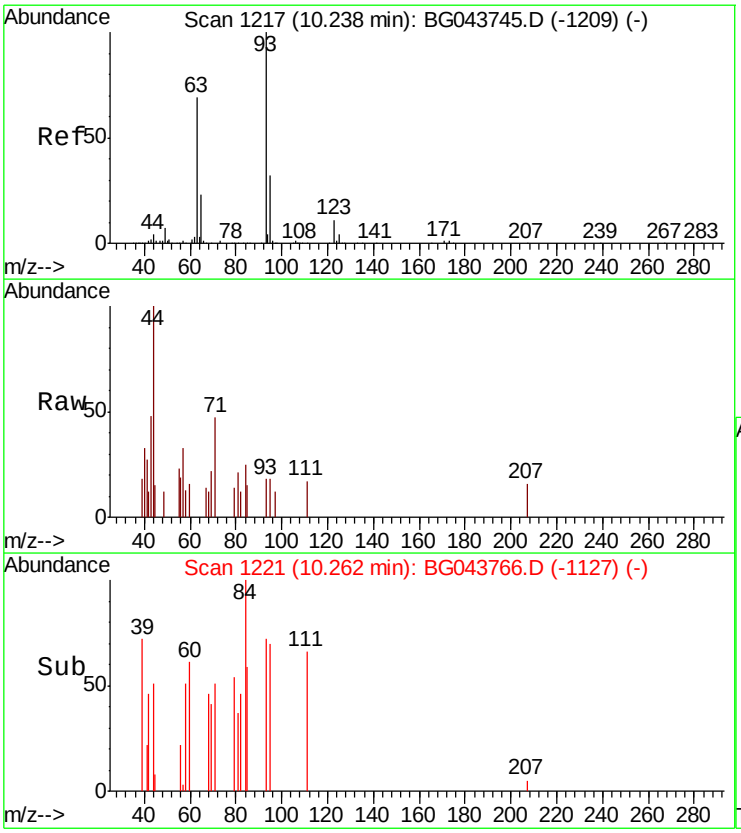
#27
2,4-Dimethylphenol
Concen: 0.067 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.25 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.5	147.7#
121	0.0	49.6	74.4#

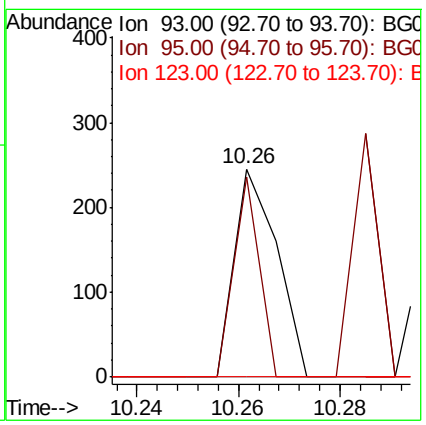


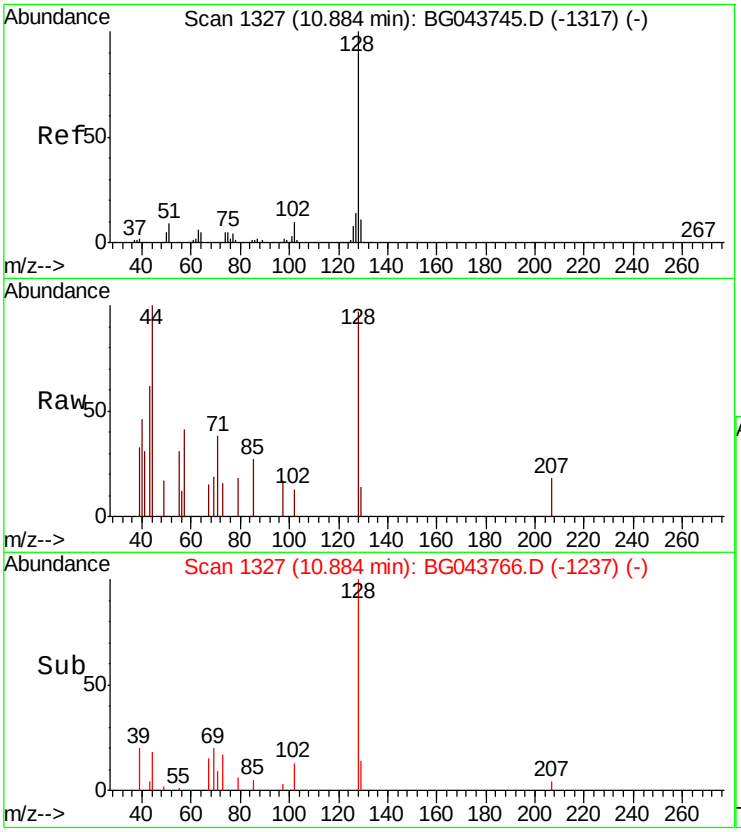


#28
bis(2-Chloroethoxy)methane
Concen: 0.085 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.02 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 93 Resp: 143

Ion	Ratio	Lower	Upper
93	100		
95	96.3	26.0	39.0#
123	0.0	8.7	13.1#



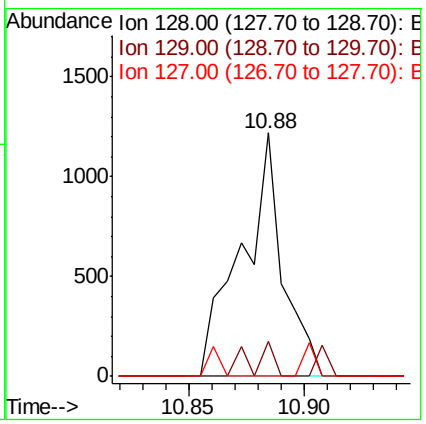


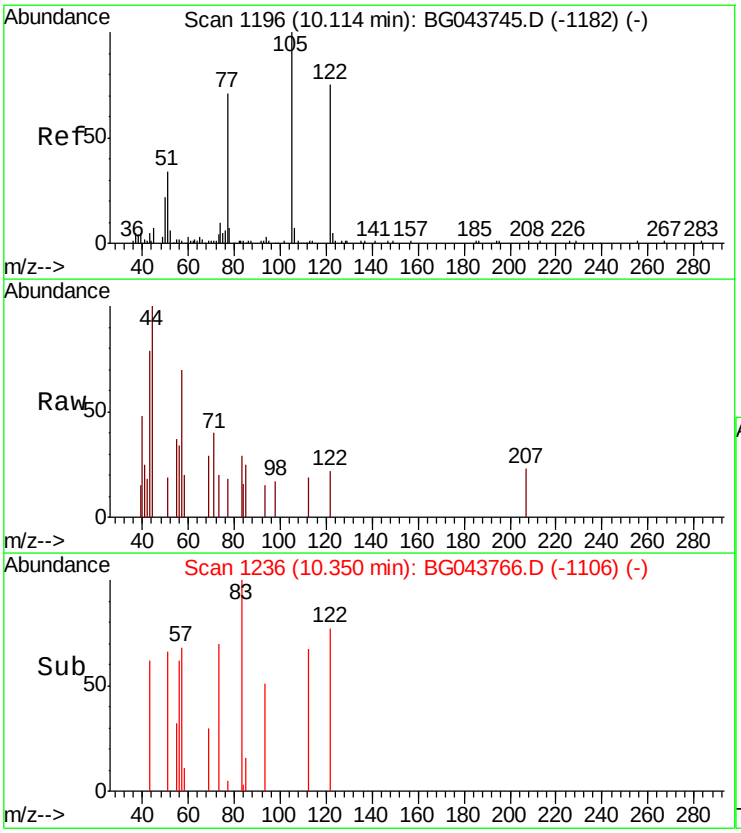
#31
Naphthalene
Concen: 0.438 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1516

Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.1	13.7#
127	0.0	11.4	17.0#

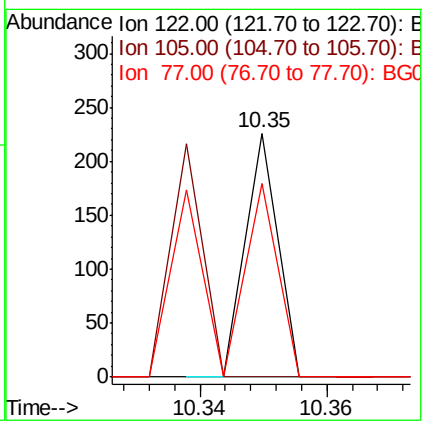


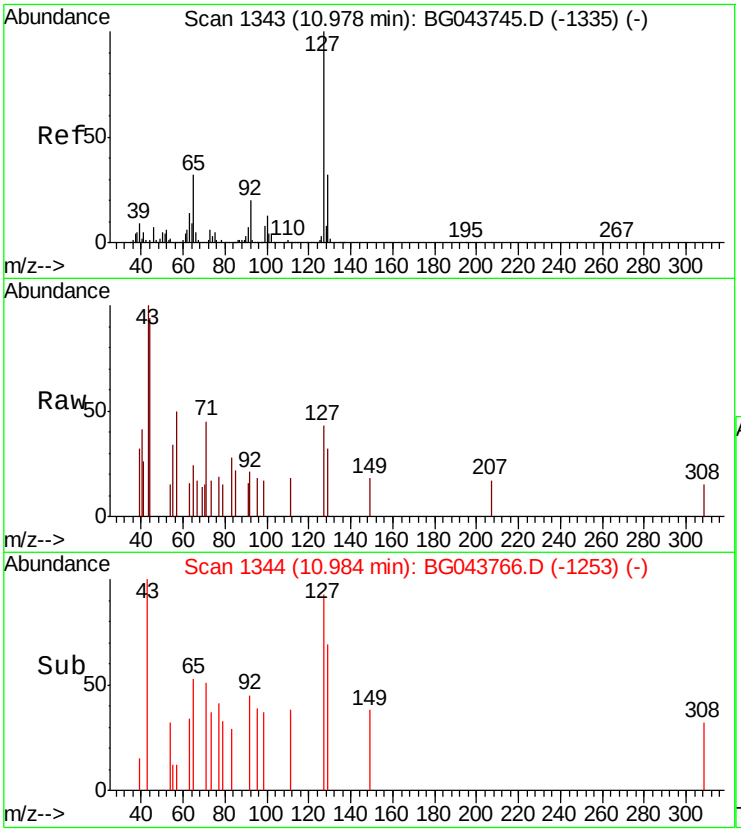


#32
Benzoic acid
Concen: 0.120 ng
RT: 10.35 min Scan# 1236
Delta R.T. 0.24 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:122 Resp: 80

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.3	149.3#
77	79.6	76.1	116.1



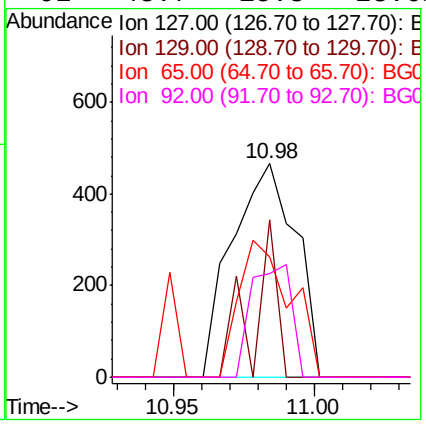


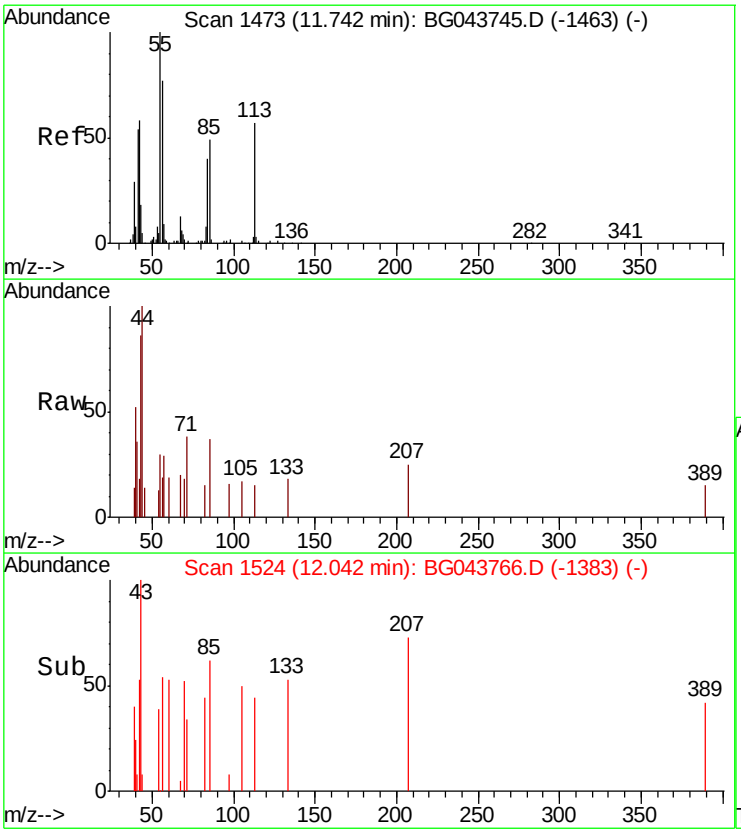
#33
4-Chloroaniline
Concen: 0.438 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 729

Ion	Ratio	Lower	Upper
127	100		
129	73.6	25.9	38.9#
65	56.2	25.8	38.8#
92	48.7	15.8	23.6#

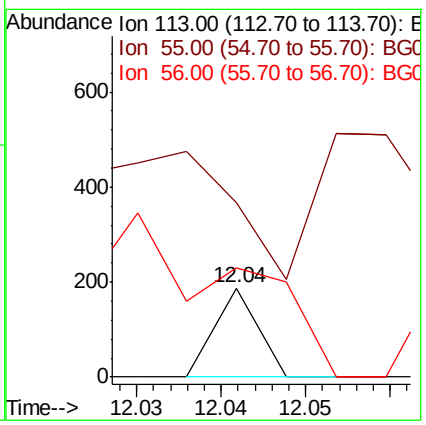


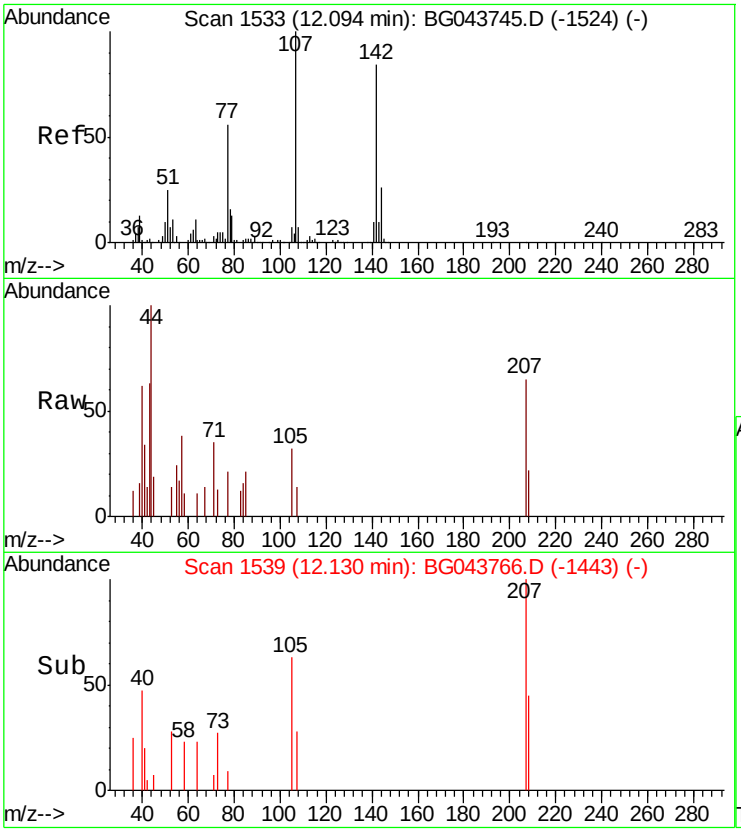


#35
Caprolactam
Concen: 0.145 ng
RT: 12.04 min Scan# 1524
Delta R.T. 0.30 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:113 Resp: 66

Ion	Ratio	Lower	Upper
113	100		
55	195.7	160.9	200.9
56	122.5	116.8	156.8



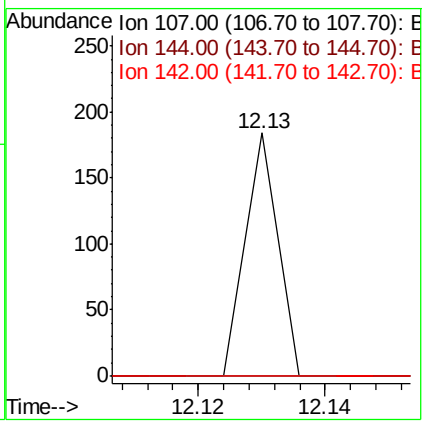


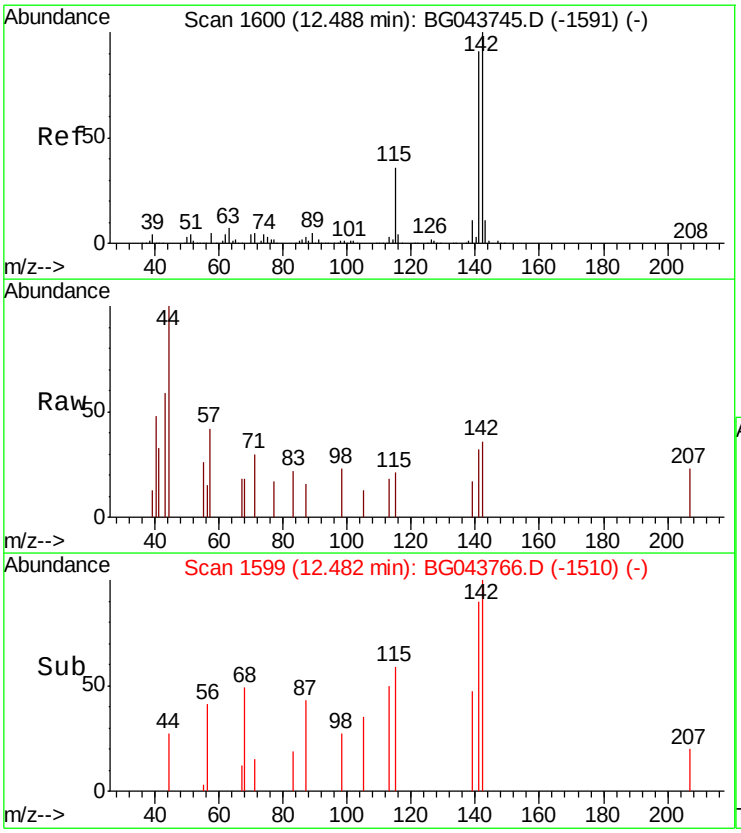
#36
4-Chloro-3-methylphenol
Concen: 0.052 ng
RT: 12.13 min Scan# 1539
Delta R.T. 0.04 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 65

Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.0	31.4#
142	0.0	67.0	100.4#

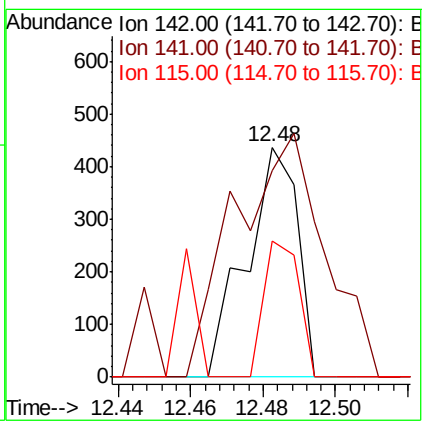


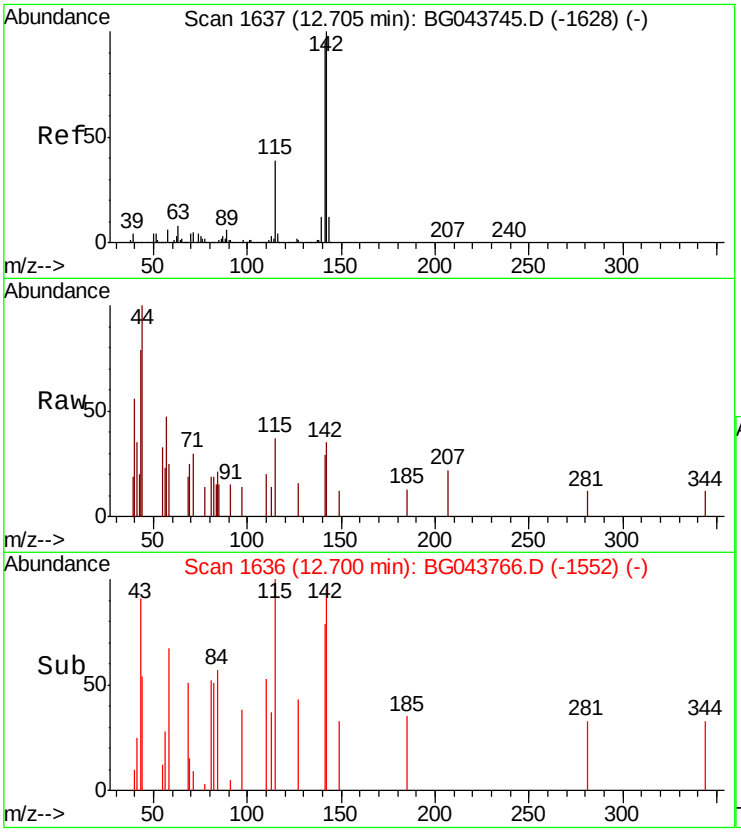


#37
2-Methylnaphthalene
Concen: 0.164 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:142 Resp: 427

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.8	109.2
115	59.0	28.9	43.3#



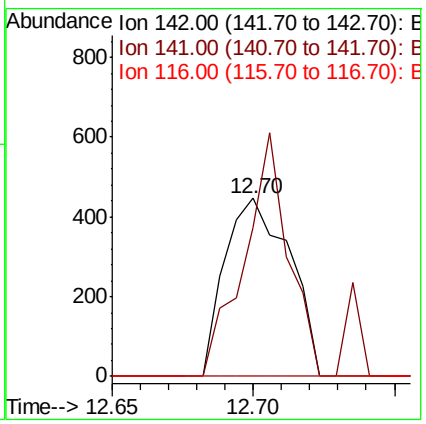


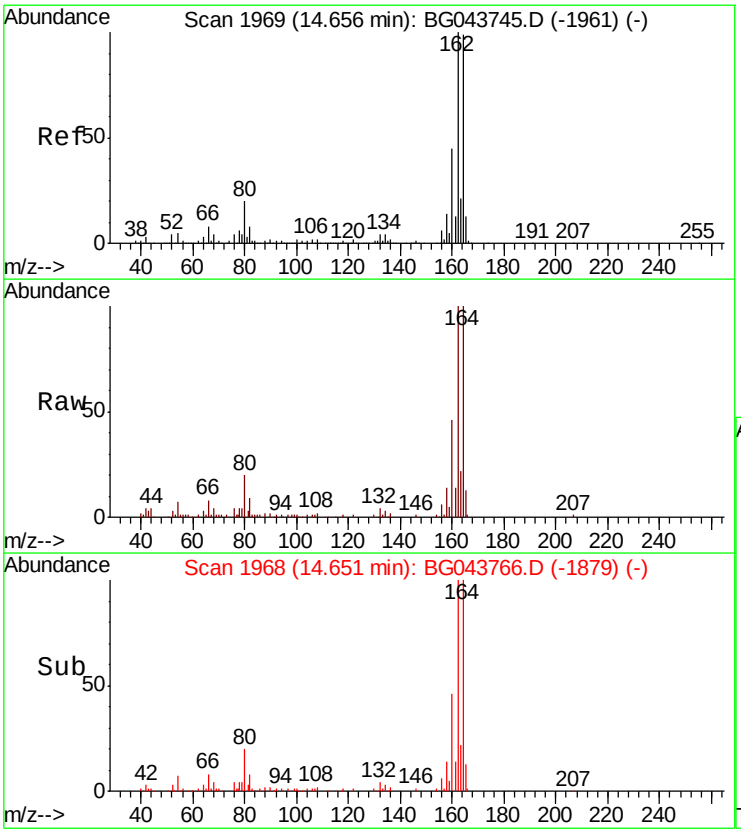
#38
1-Methylnaphthalene
Concen: 0.287 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 710

Ion	Ratio	Lower	Upper
142	100		
141	83.6	75.8	113.8
116	0.0	3.4	5.0#

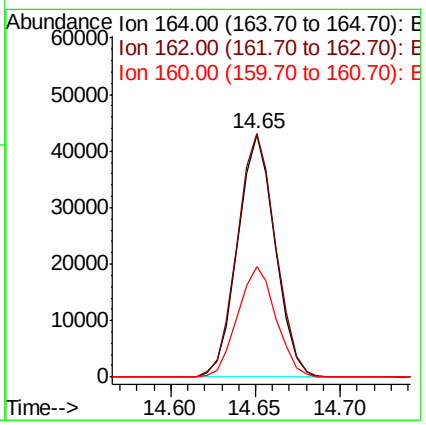


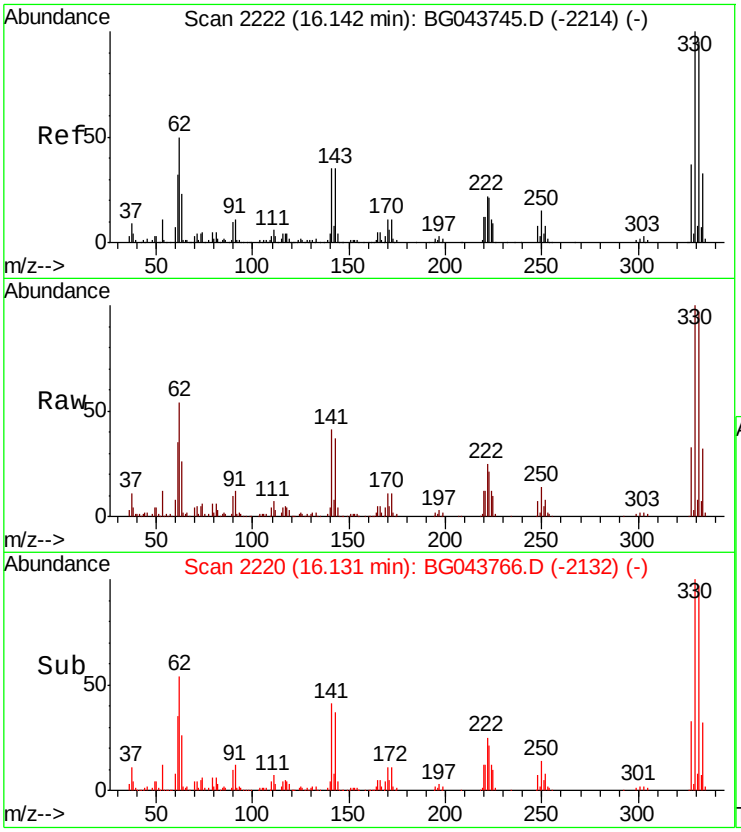


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:164 Resp: 66016

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	45.8	36.3	54.5



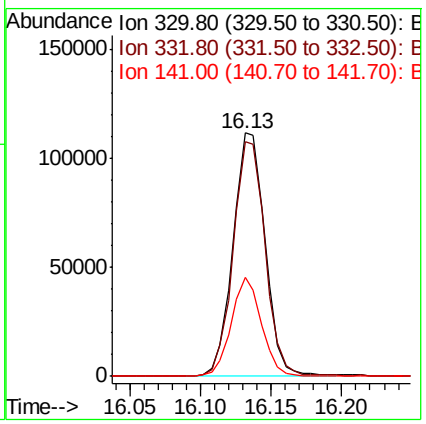


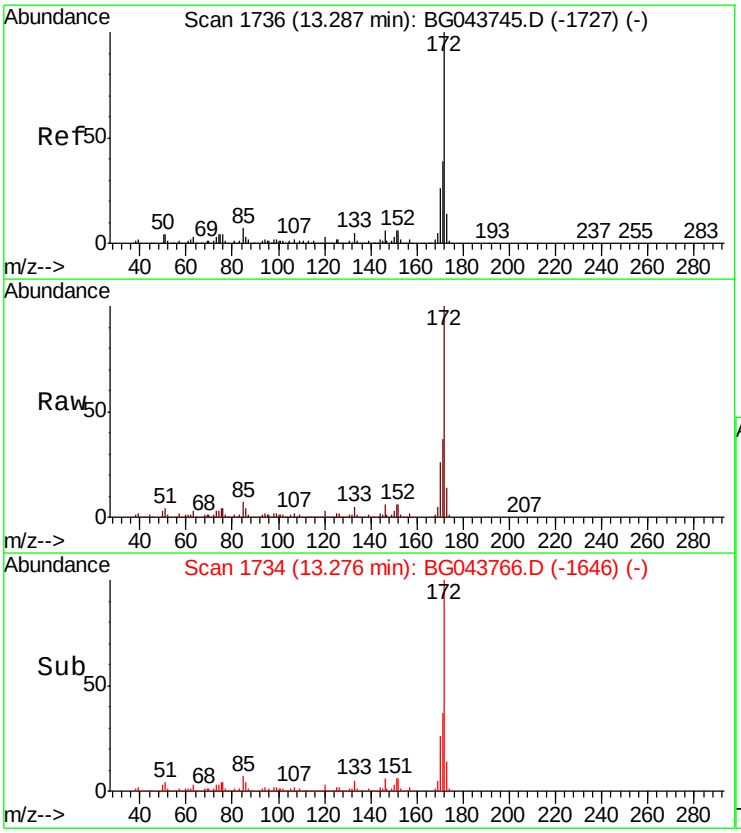
#42
2,4,6-Tribromophenol
Concen: 221.644 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 176485

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	38.3	31.4	47.2

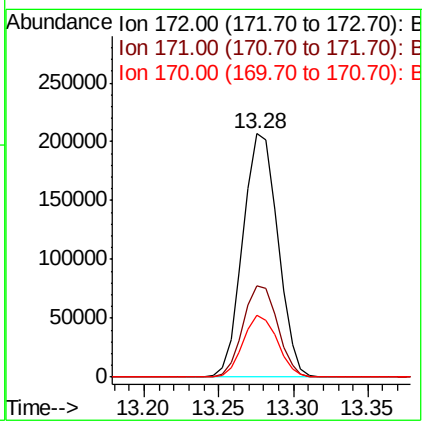


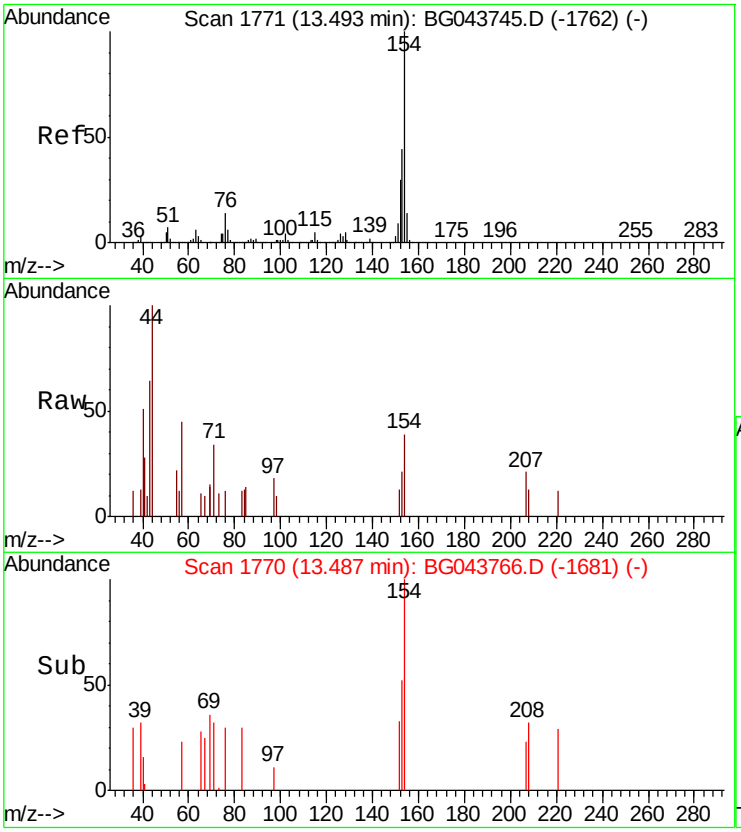


#45
2-Fluorobiphenyl
Concen: 83.524 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:172 Resp: 335438

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.6
170	25.6	21.0	31.4



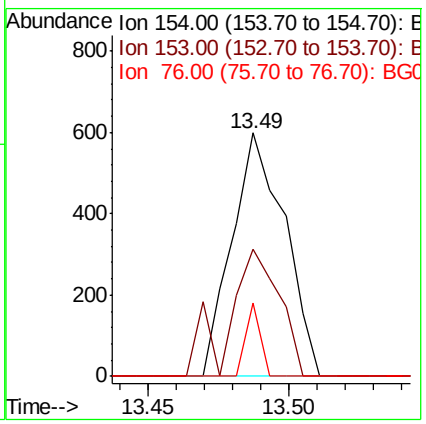


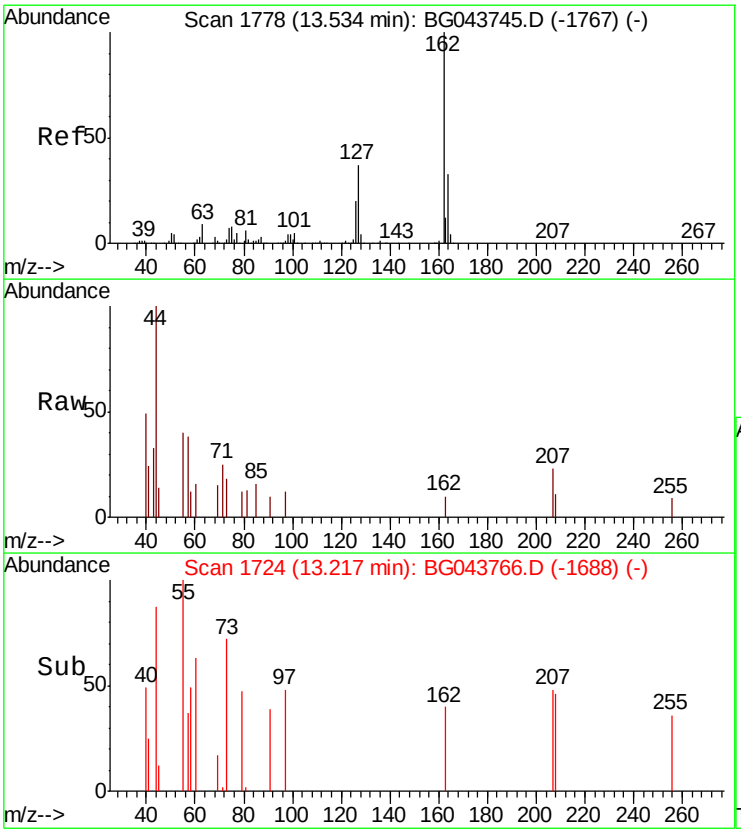
#46
1,1'-Biphenyl
Concen: 0.169 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 775

Ion	Ratio	Lower	Upper
154	100		
153	52.4	23.5	63.5
76	30.1	0.0	33.6

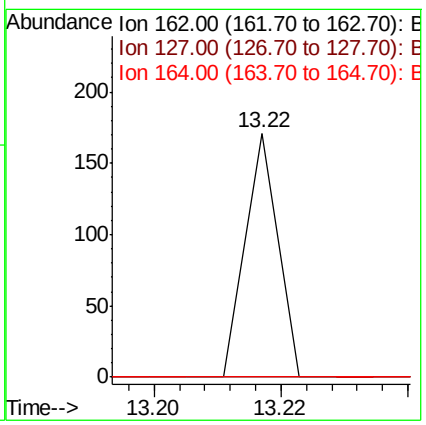


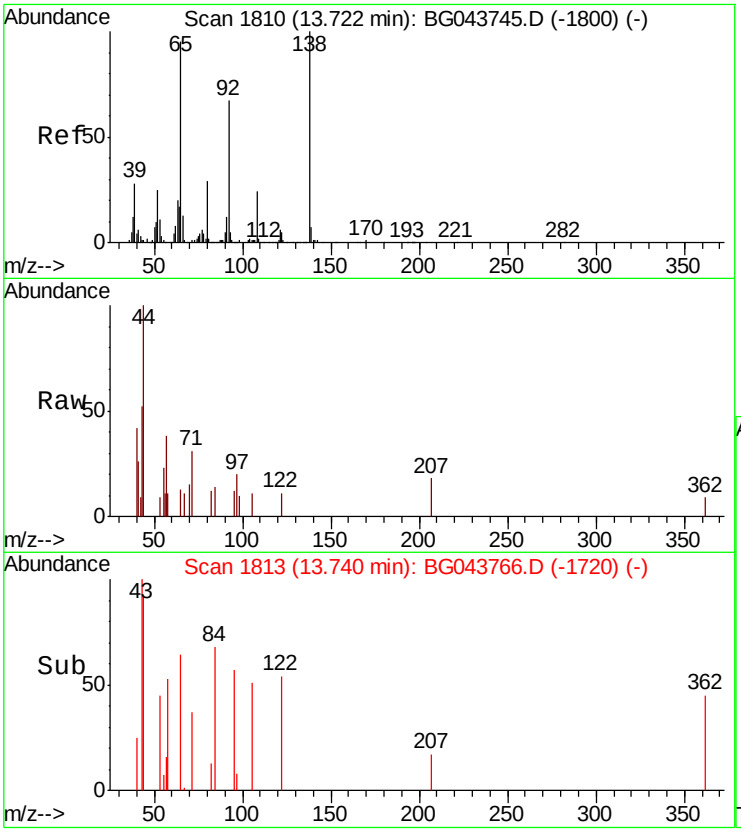


#47
2-Chloronaphthalene
Concen: 0.016 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.32 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:162 Resp: 60

Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.0	45.0#
164	0.0	26.4	39.6#



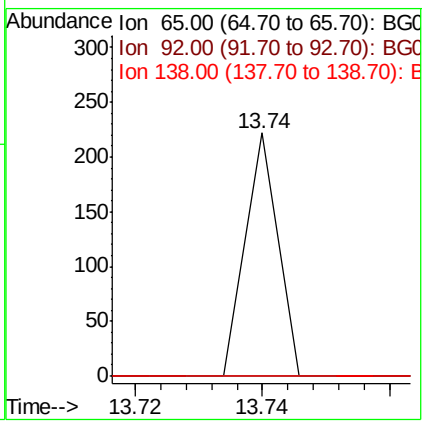


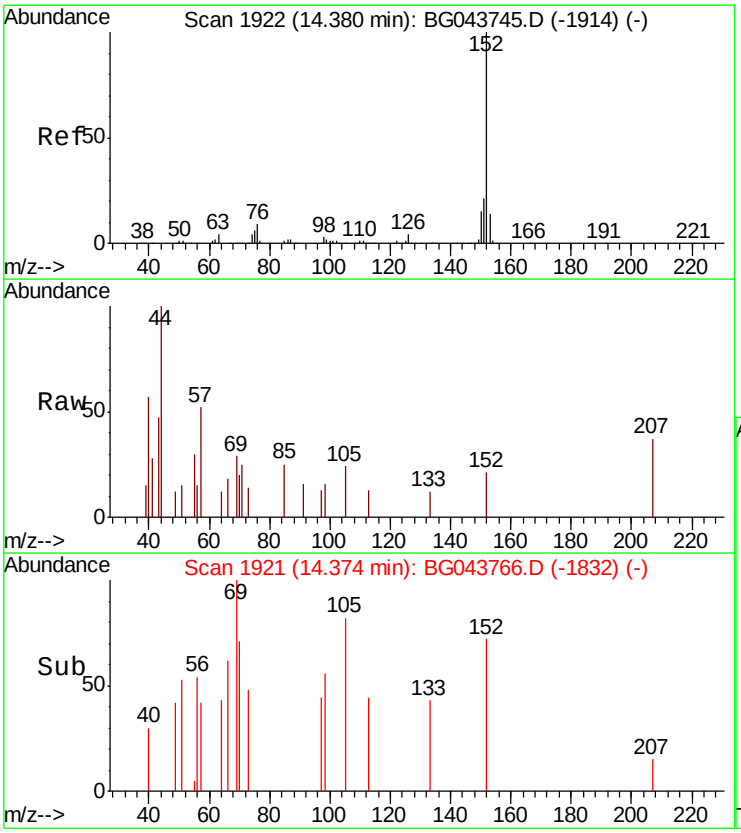
#48
2-Nitroaniline
Concen: 0.071 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.02 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 78

Ion	Ratio	Lower	Upper
65	100		
92	0.0	56.1	84.1#
138	0.0	84.2	126.4#

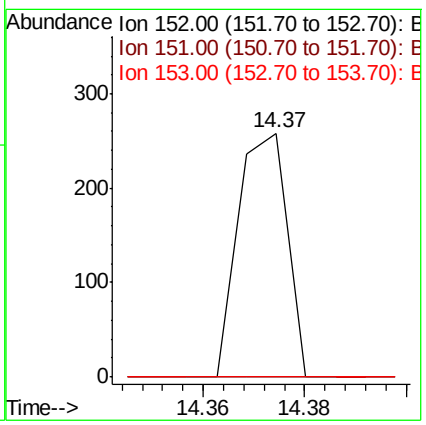


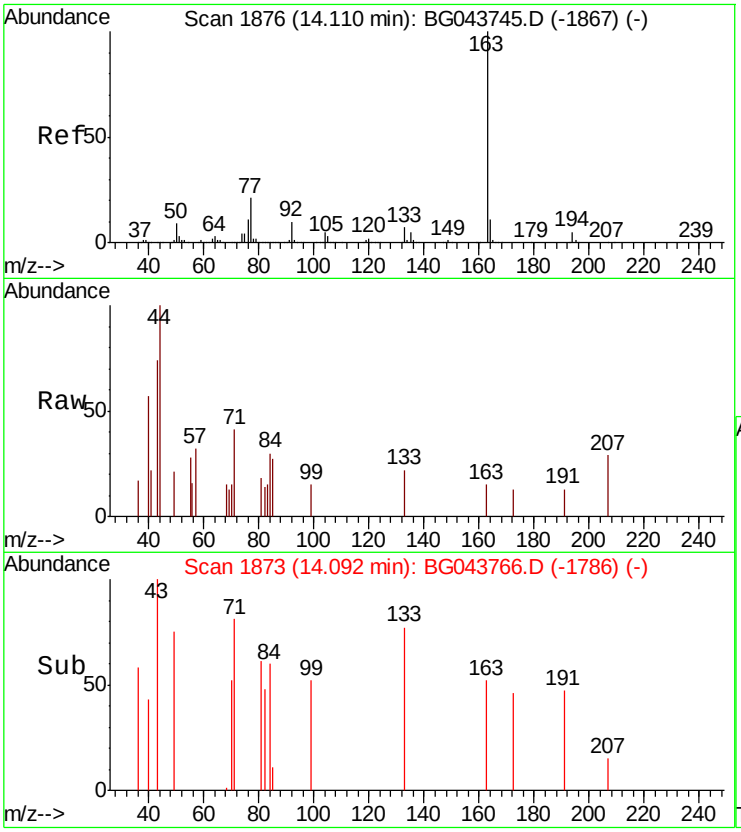


#49
Acenaphthylene
Concen: 0.030 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:152 Resp: 174

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.6#
153	0.0	10.8	16.2#



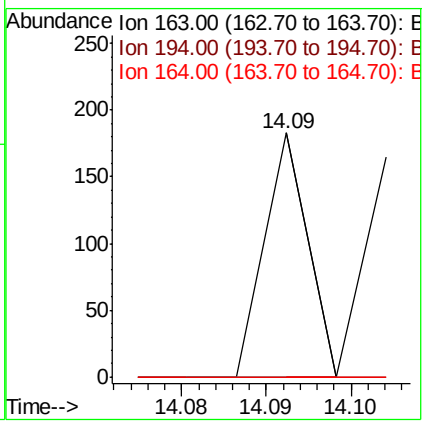


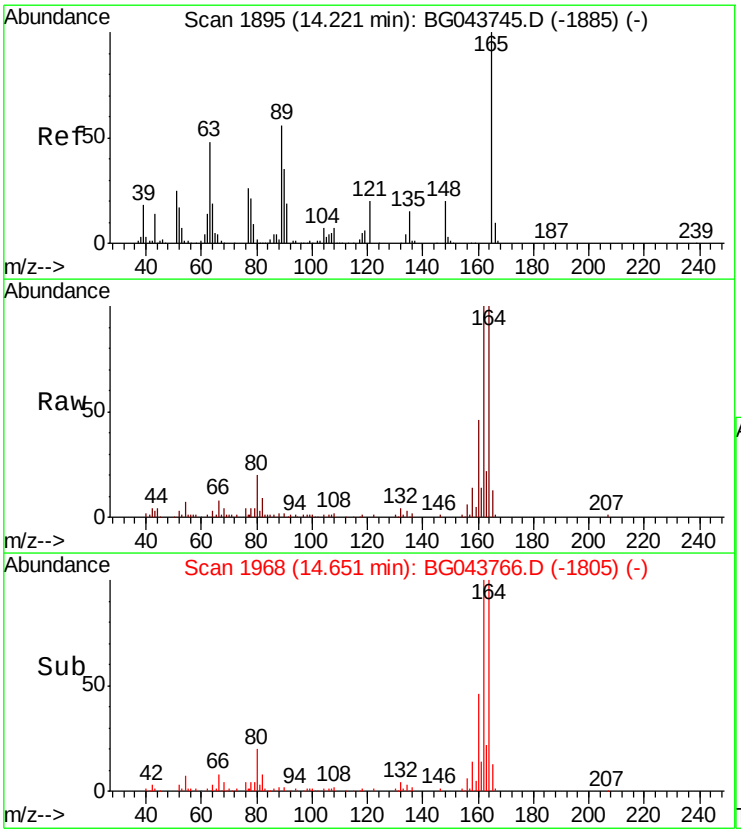
#50
Dimethylphthalate
Concen: 0.012 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 65

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.7	5.5#
164	0.0	8.7	13.1#

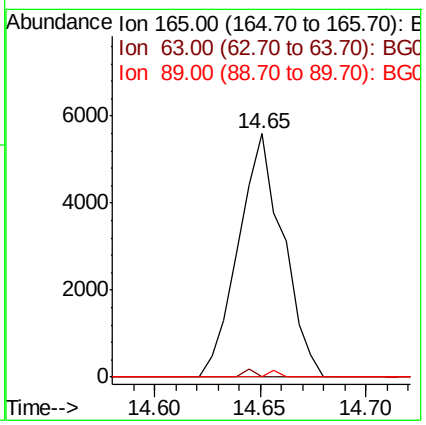


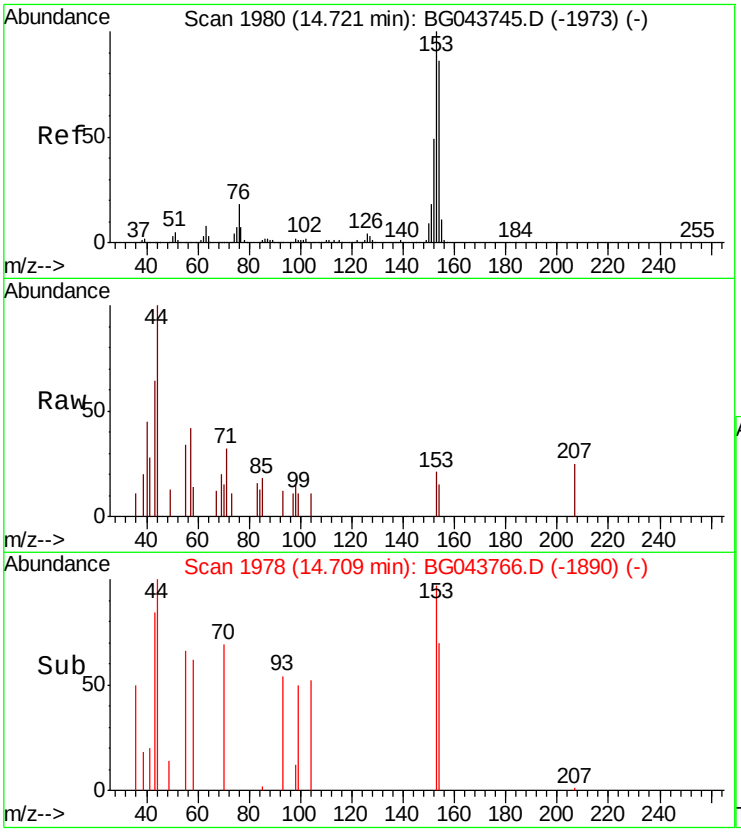


#51
2,6-Dinitrotoluene
Concen: 8.440 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:165 Resp: 8197

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	44.6	67.0#



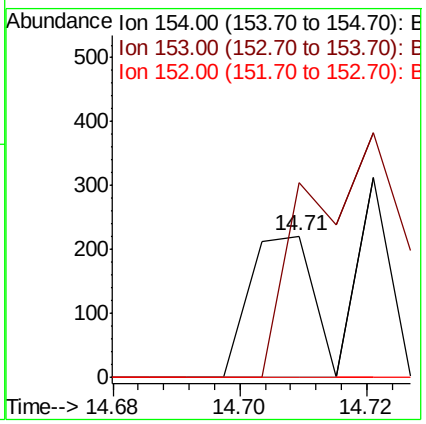


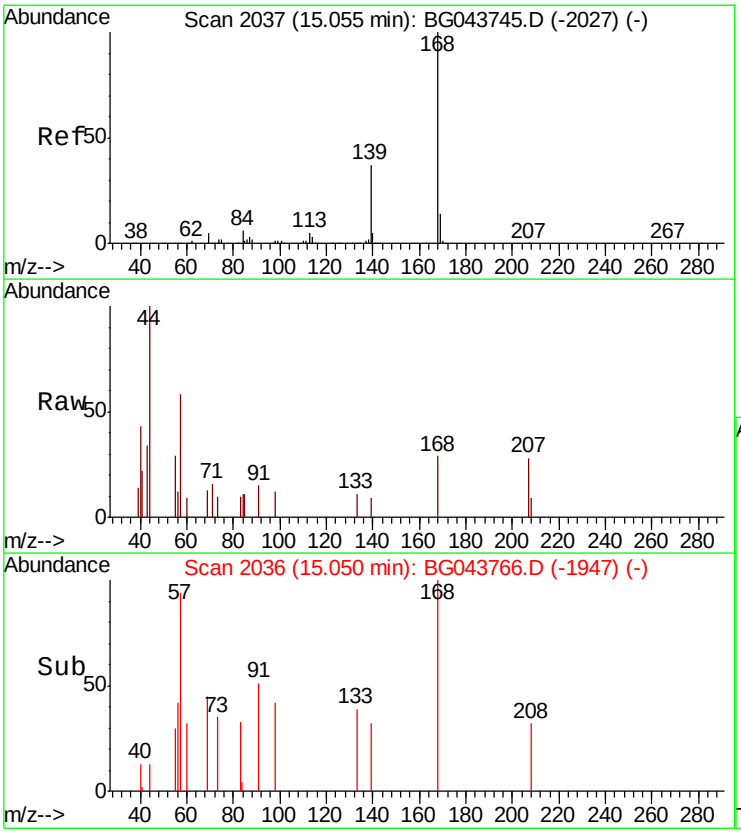
#52
Acenaphthene
Concen: 0.040 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 152

Ion	Ratio	Lower	Upper
154	100		
153	138.6	92.9	139.3
152	0.0	45.2	67.8#

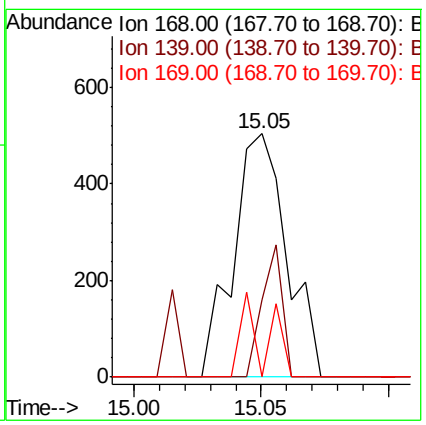


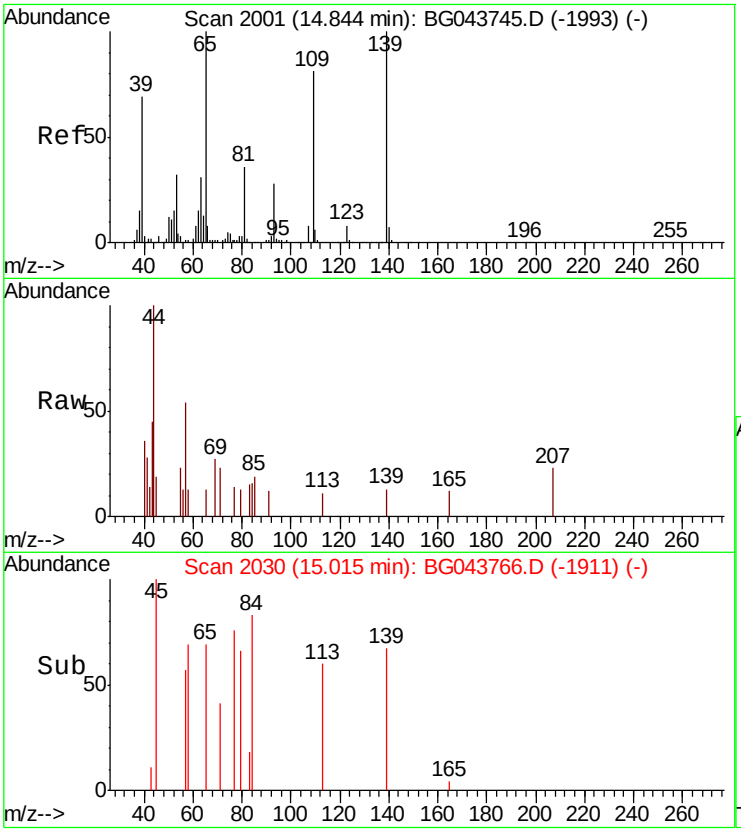


#55
Dibenzofuran
Concen: 0.127 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:168 Resp: 742

Ion	Ratio	Lower	Upper
168	100		
139	31.5	29.4	44.2
169	0.0	11.3	16.9#



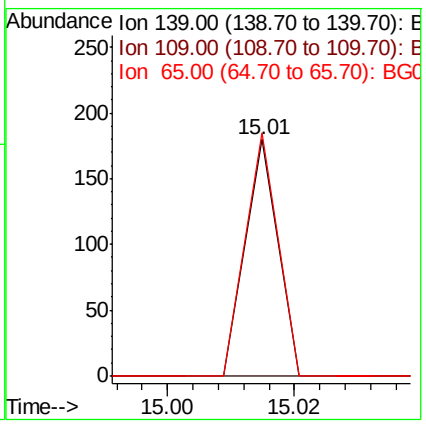


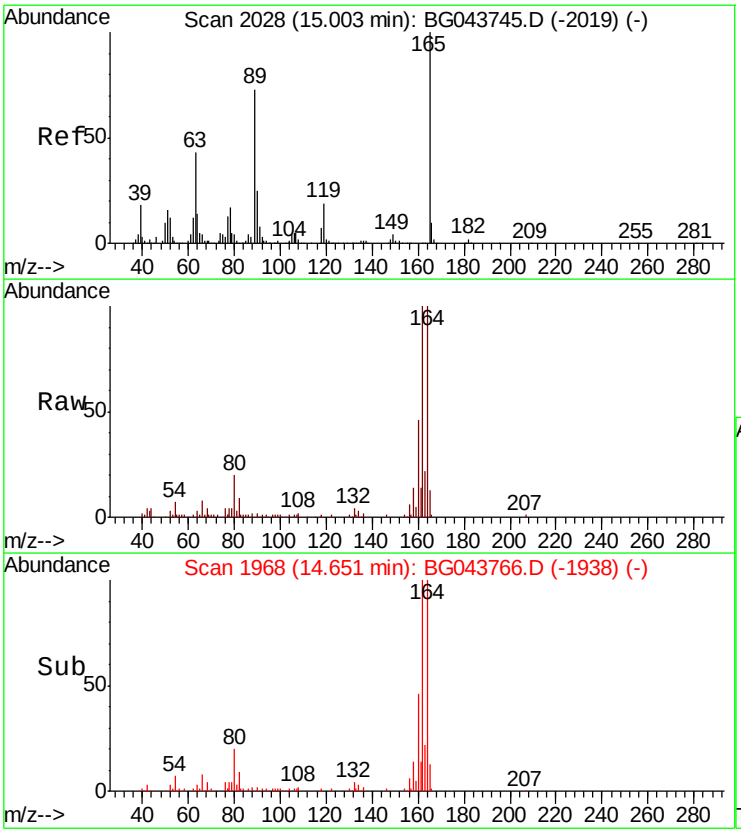
#56
4-Nitrophenol
Concen: 0.066 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.17 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 63

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.4	101.4#
65	102.8	80.3	120.3

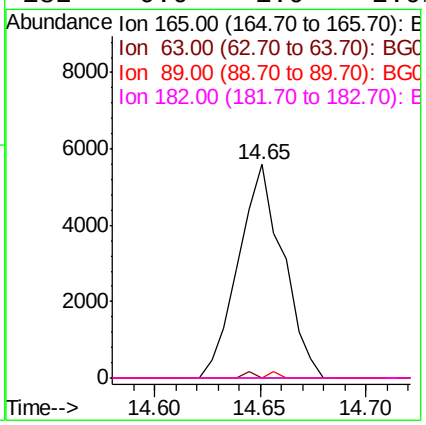


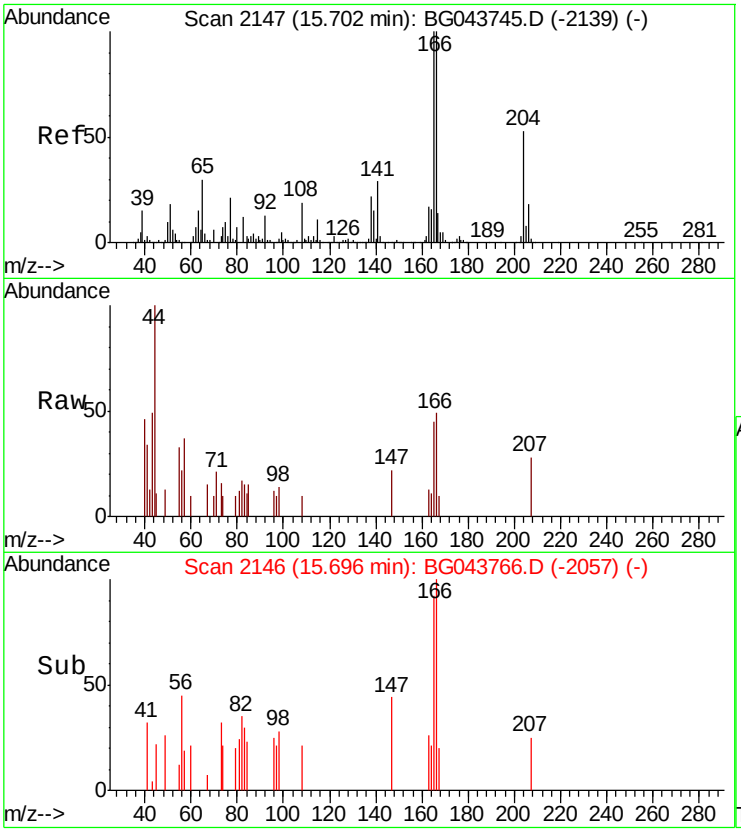


#57
2,4-Dinitrotoluene
Concen: 6.086 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.35 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:165 Resp: 8197

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	51.8#
89	0.0	58.3	87.5#
182	0.0	1.9	2.9#



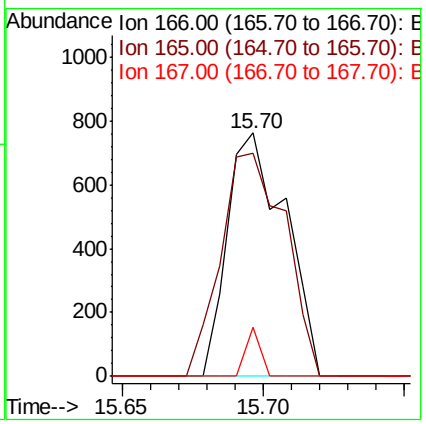


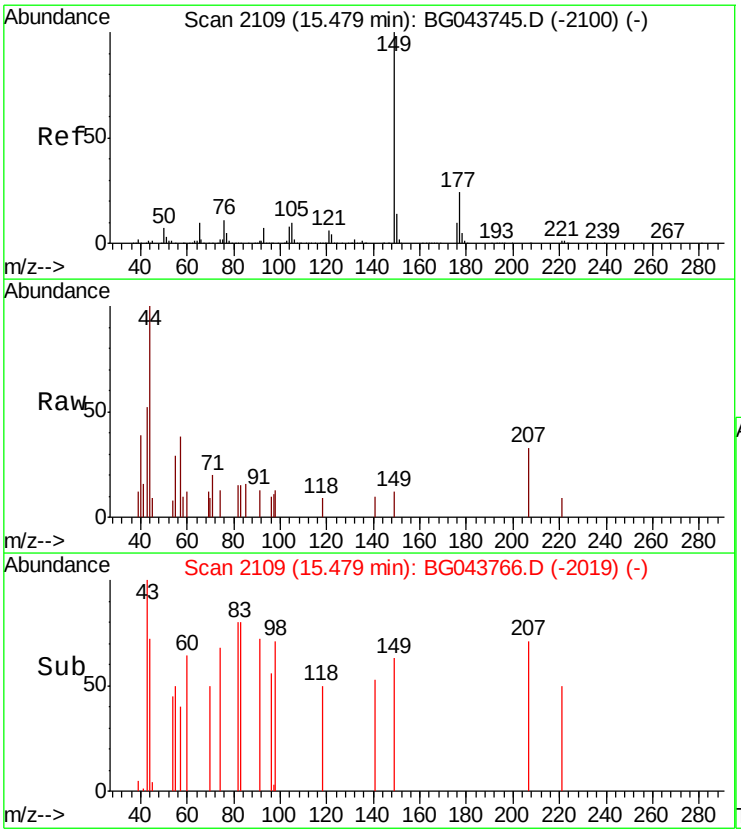
#58
Fluorene
Concen: 0.226 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 1085

Ion	Ratio	Lower	Upper
166	100		
165	91.6	79.9	119.9
167	20.1	11.4	17.0#

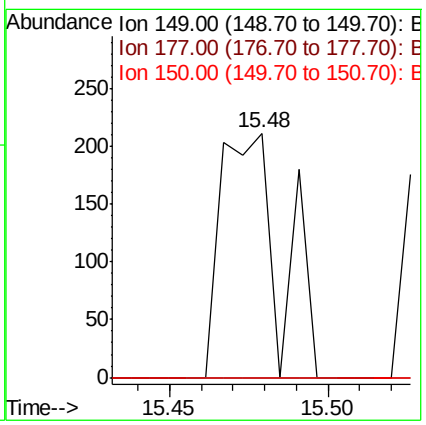


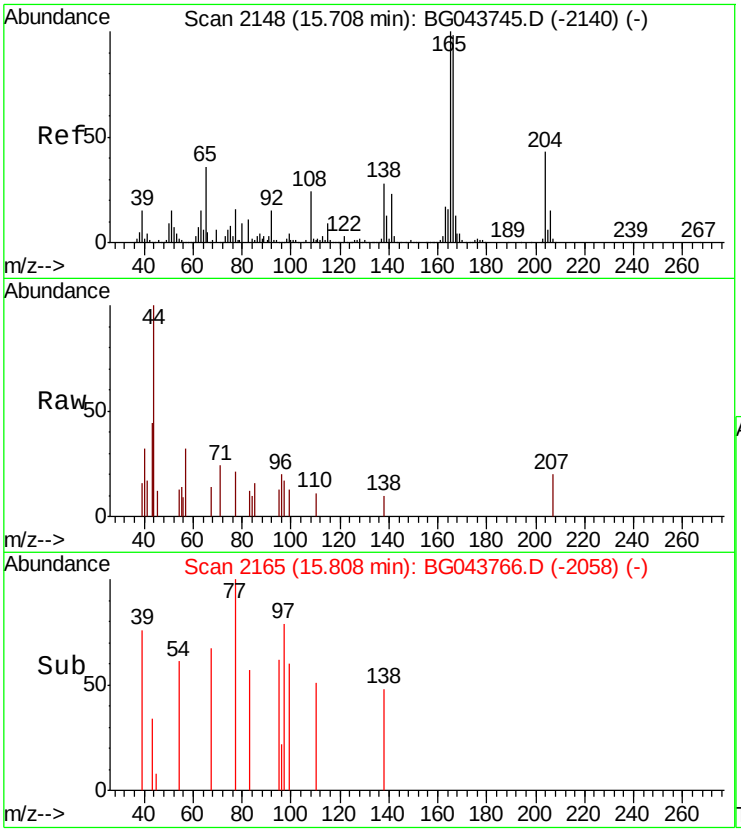


#60
Diethylphthalate
Concen: Below Cal
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:149 Resp: 277

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.3	28.9#
150	0.0	11.1	16.7#



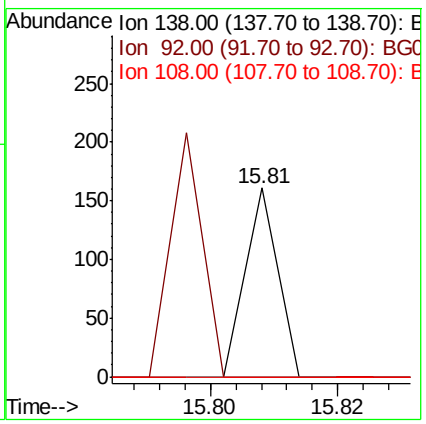


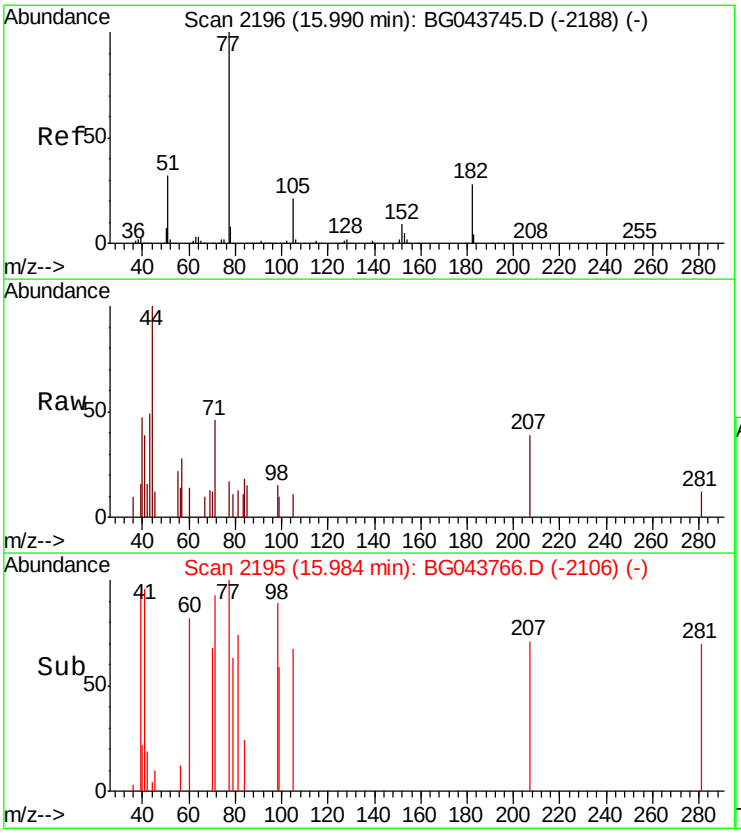
#62
4-Nitroaniline
Concen: 0.044 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.10 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 57

Ion	Ratio	Lower	Upper
138	100		
92	0.0	34.6	74.6#
108	0.0	65.7	105.7#

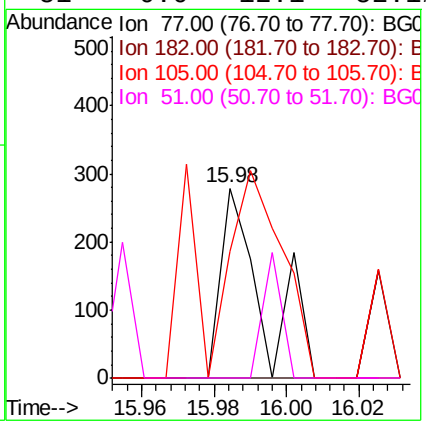


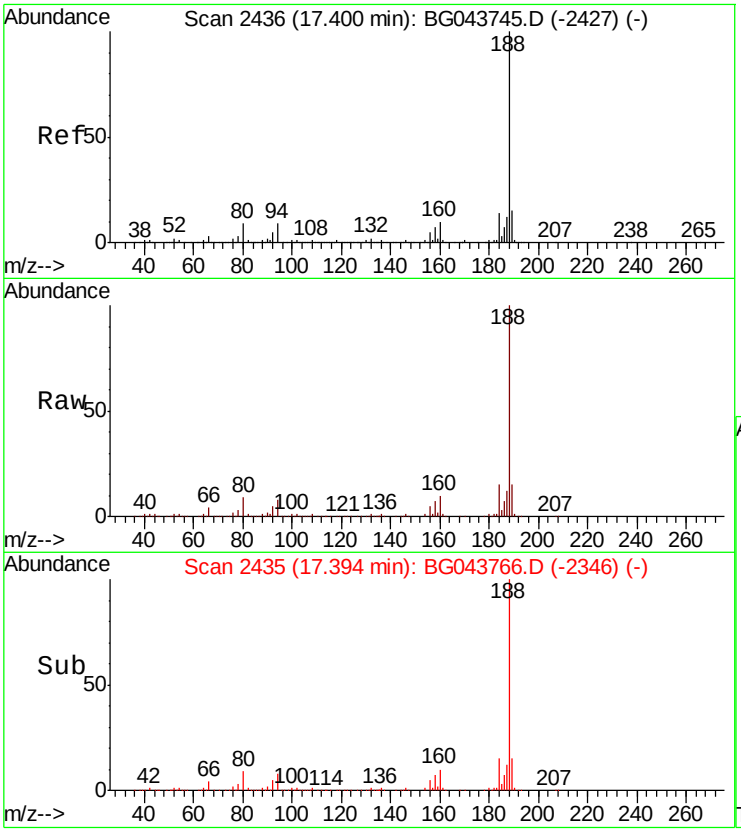


#63
Azobenzene
Concen: 0.046 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion: 77 Resp: 225

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.6	47.6#
105	66.7	0.7	40.7#
51	0.0	12.1	52.1#



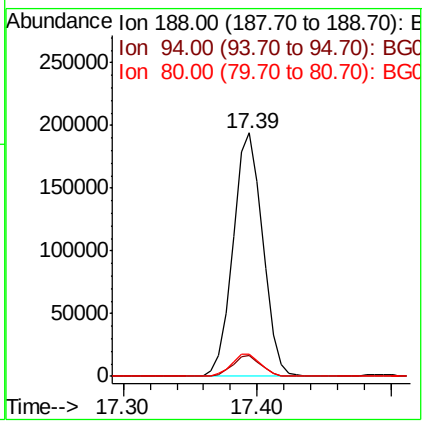


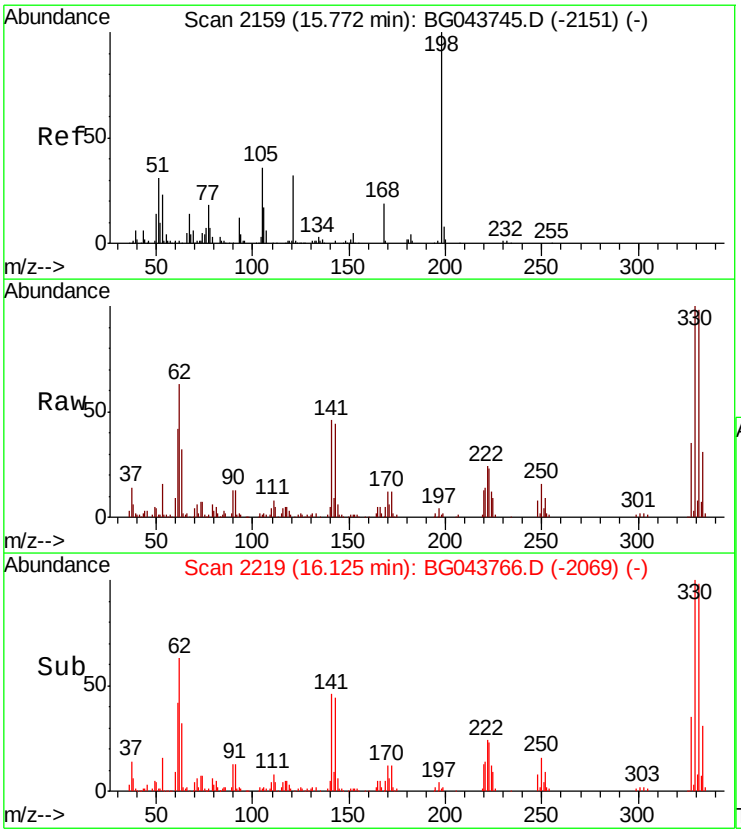
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 298140

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	7.5	11.3

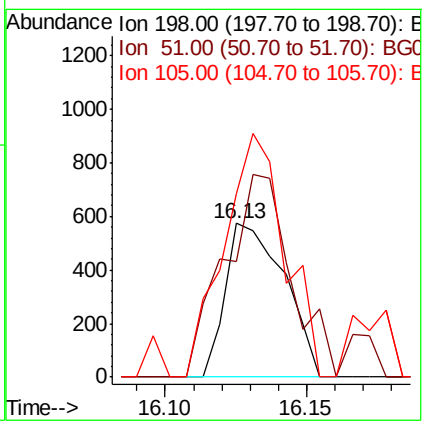


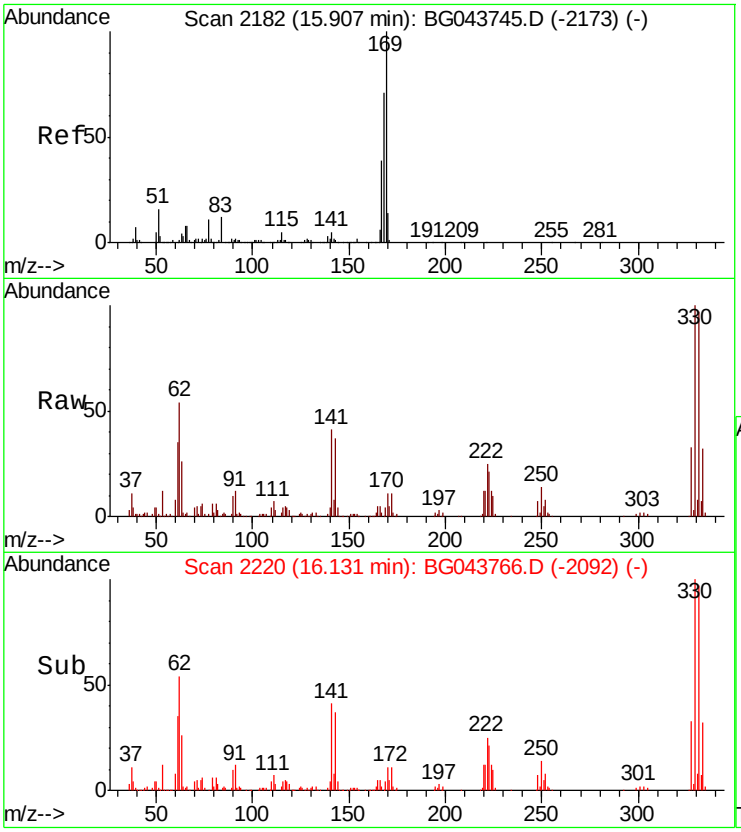


#65
4,6-Dinitro-2-methylphenol
Concen: 4.949 ng
RT: 16.13 min Scan# 2219
Delta R.T. 0.35 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:198 Resp: 827

Ion	Ratio	Lower	Upper
198	100		
51	74.9	16.8	56.8#
105	119.5	17.3	57.3#



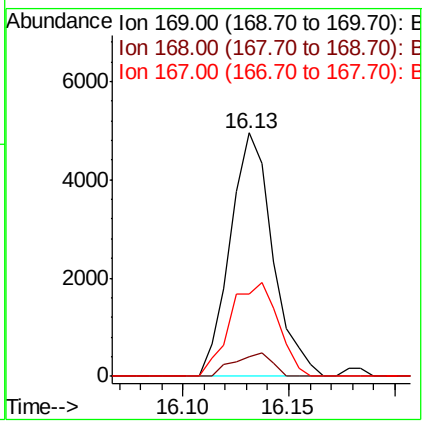


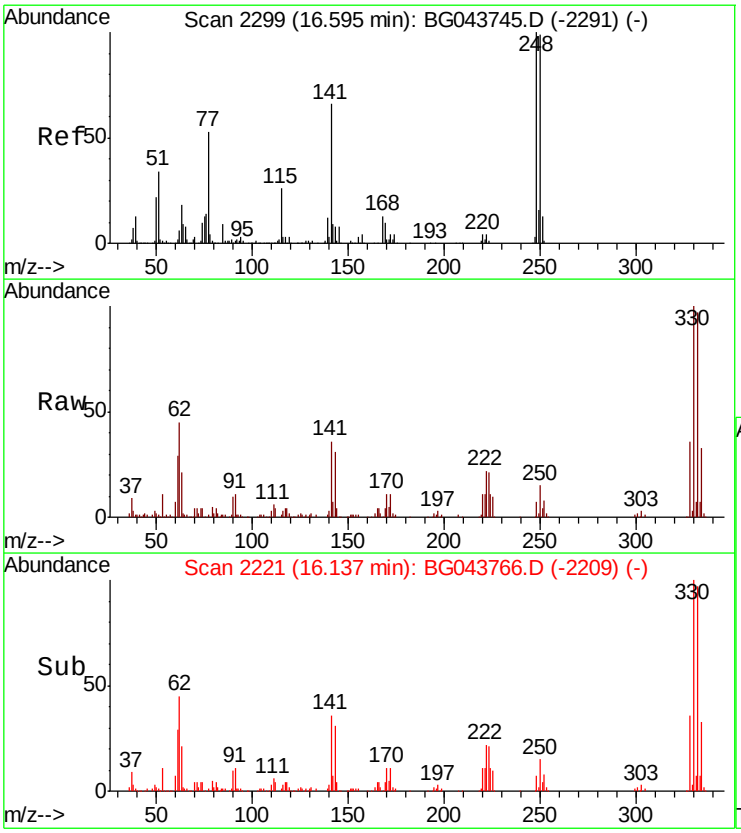
#66
n-Nitrosodiphenylamine
Concen: 0.877 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.22 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 6921

Ion	Ratio	Lower	Upper
169	100		
168	8.1	56.6	85.0#
167	33.8	30.8	46.2

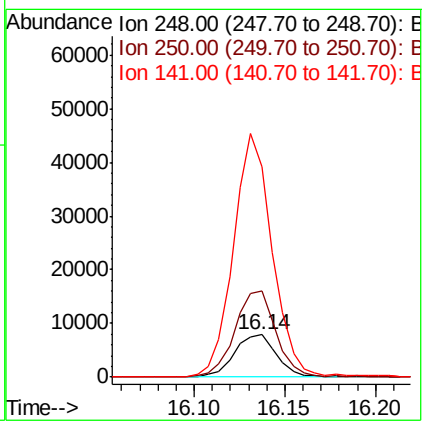


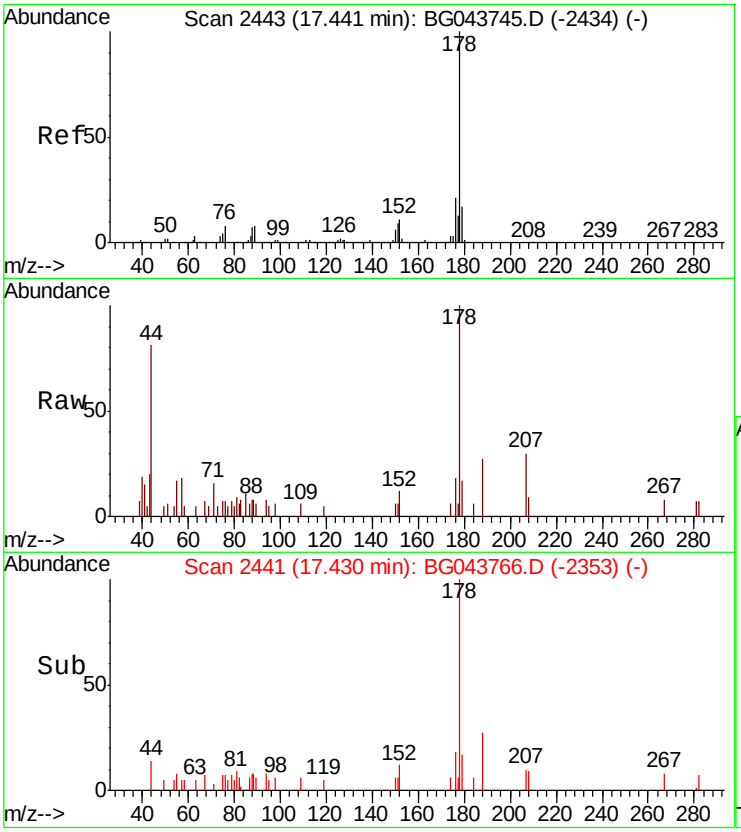


#67
4-Bromophenyl-phenylether
Concen: 4.034 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.46 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:248 Resp: 12682

Ion	Ratio	Lower	Upper
248	100		
250	206.5	79.3	118.9#
141	501.9	53.0	79.6#



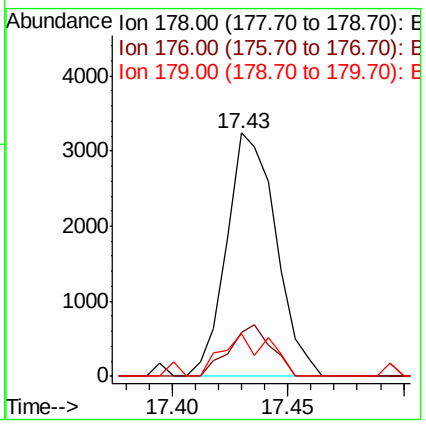


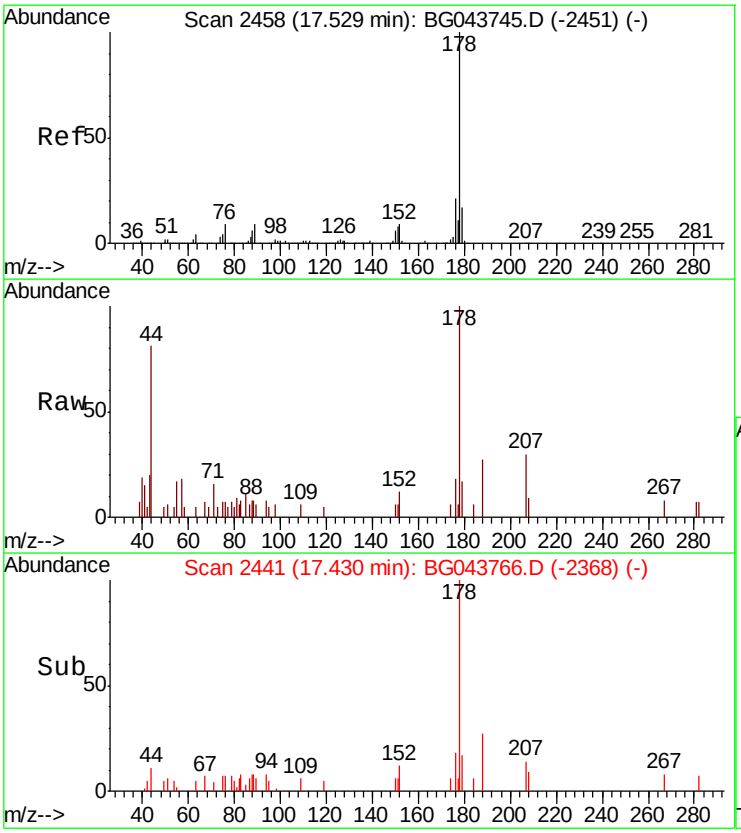
#71
Phenanthrene
Concen: 0.327 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 4826

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.9	25.3
179	17.3	13.5	20.3

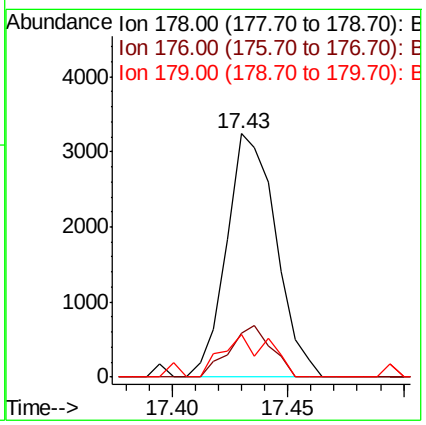


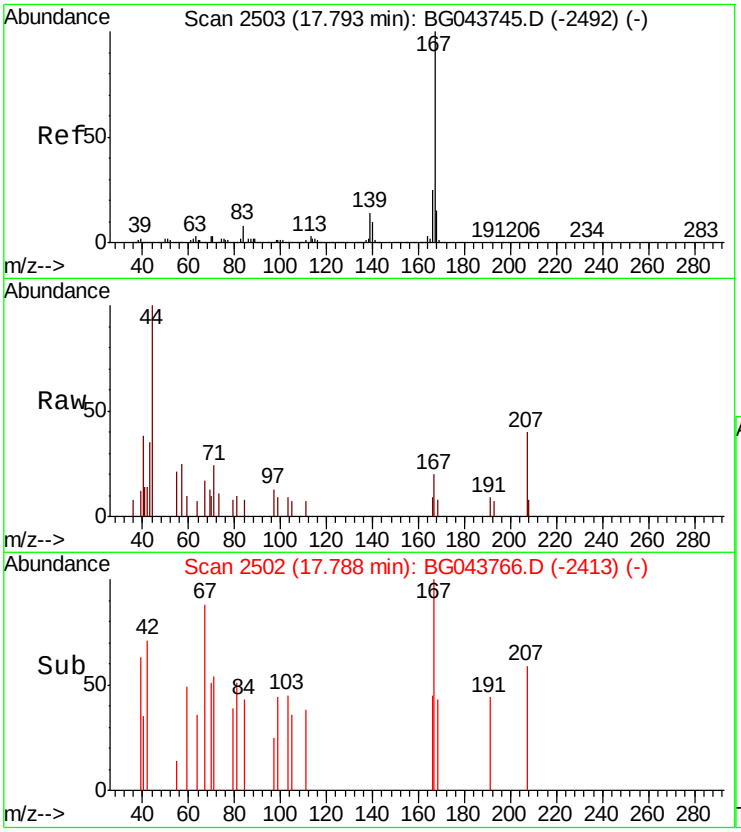


#72
Anthracene
Concen: 0.324 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.10 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:178 Resp: 4826

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.5	24.7
179	17.3	13.4	20.2



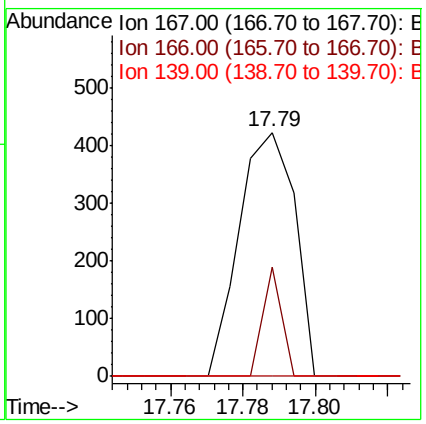


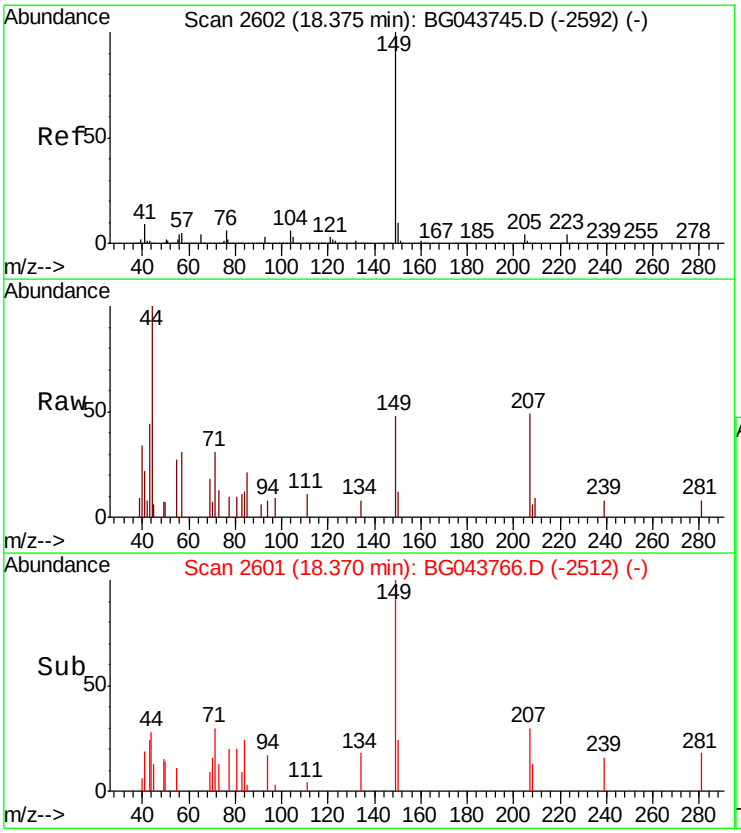
#73
Carbazole
Concen: Below Cal
RT: 17.79 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 450

Ion	Ratio	Lower	Upper
167	100		
166	44.7	19.8	29.6#
139	0.0	10.9	16.3#

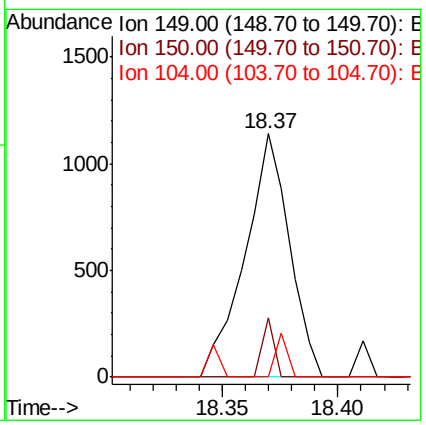


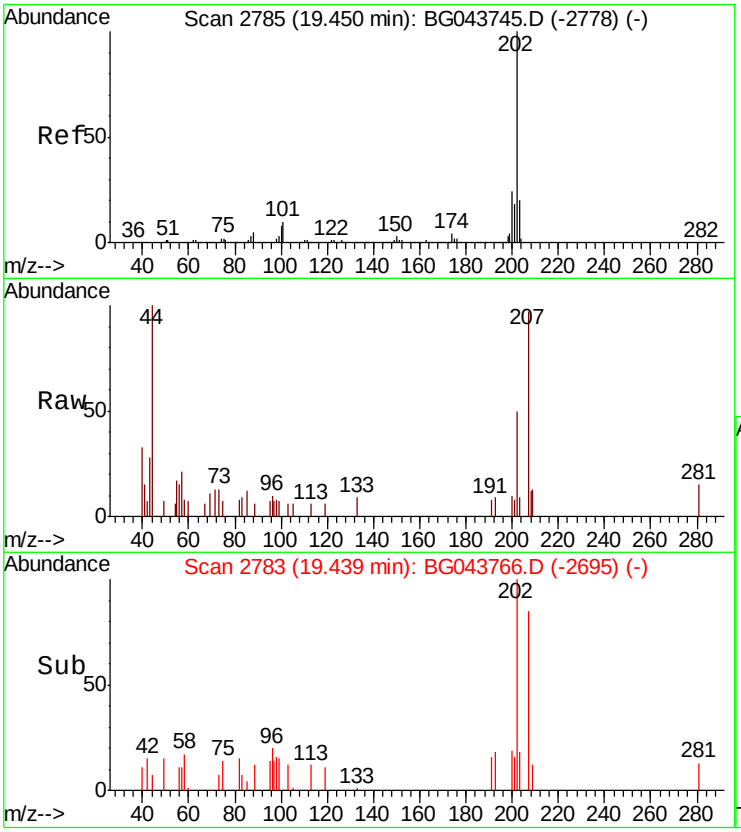


#74
Di-n-butylphthalate
Concen: 0.081 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:149 Resp: 1525

Ion	Ratio	Lower	Upper
149	100		
150	24.3	8.4	12.6#
104	0.0	4.6	7.0#



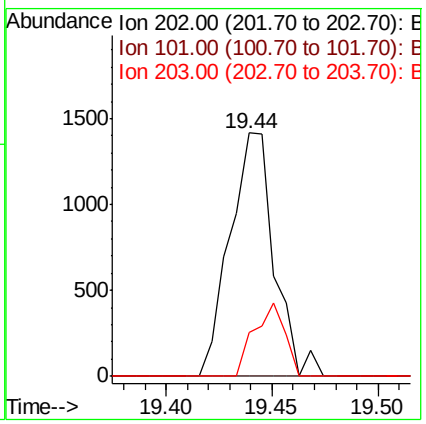


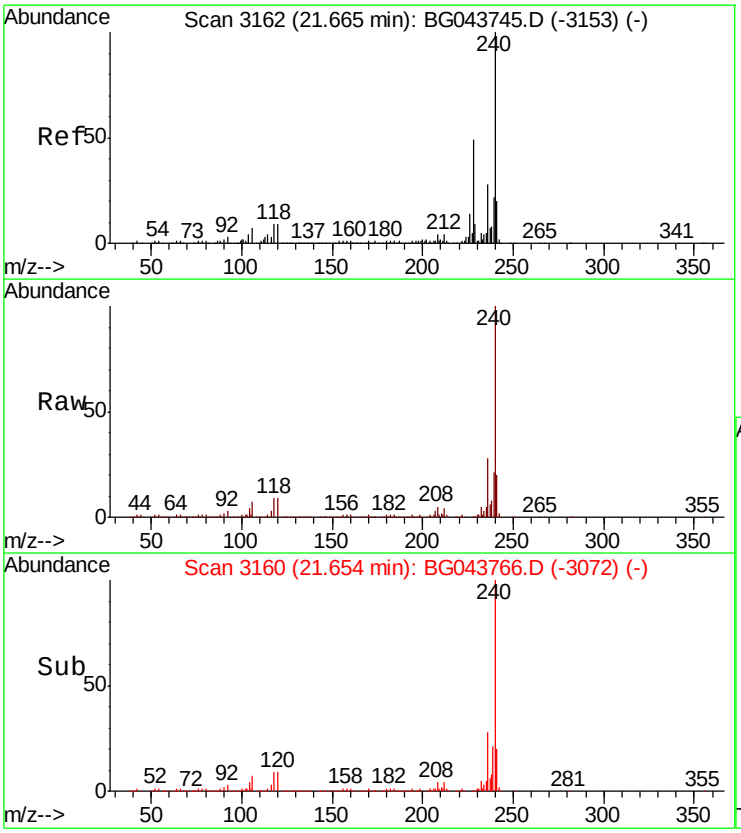
#75
Fluoranthene
Concen: 0.097 ng
RT: 19.44 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 2057

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	17.8	0.0	39.7

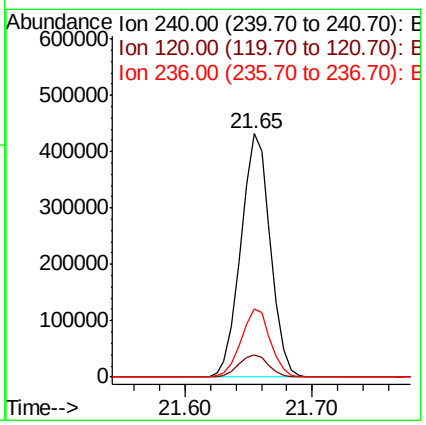


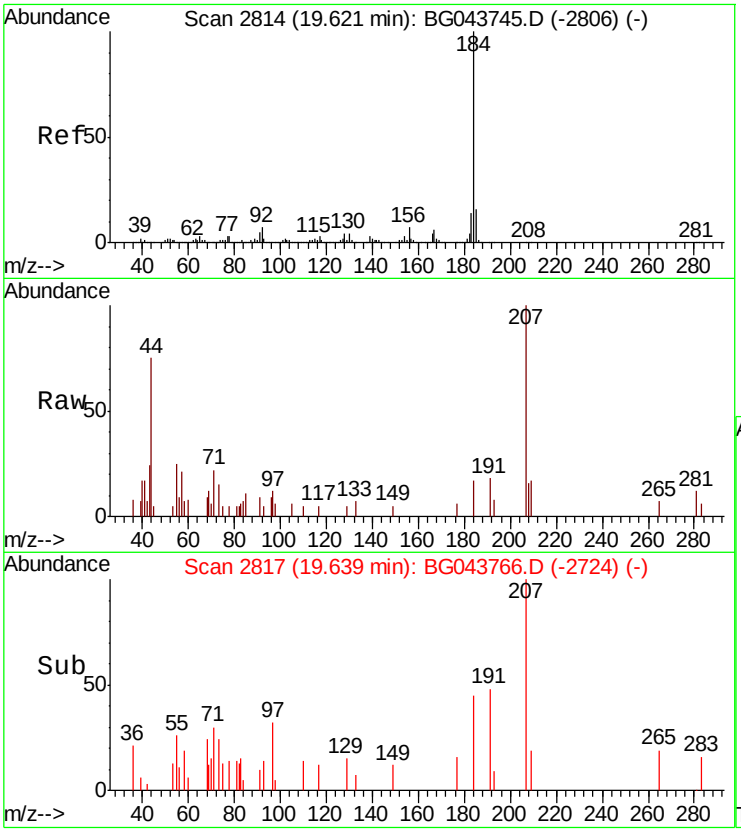


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:240 Resp: 695896

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.5	11.3
236	28.0	22.6	34.0



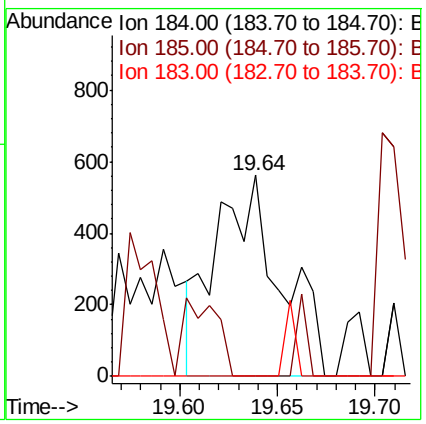


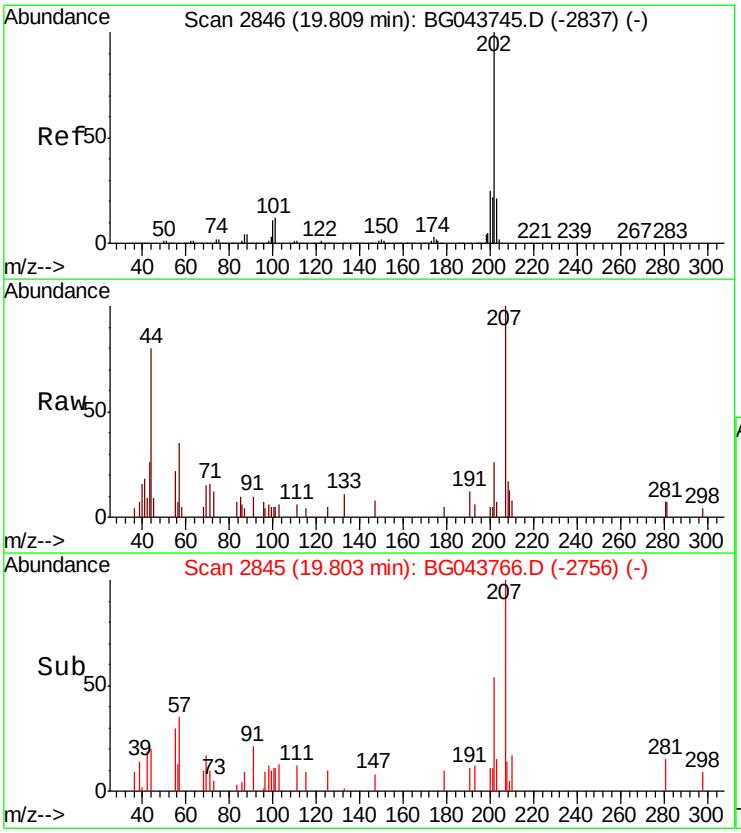
#77
Benzidine
Concen: 0.064 ng
RT: 19.64 min Scan# 2817
Delta R.T. 0.02 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 1295

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.8	19.2#
183	0.0	11.3	16.9#

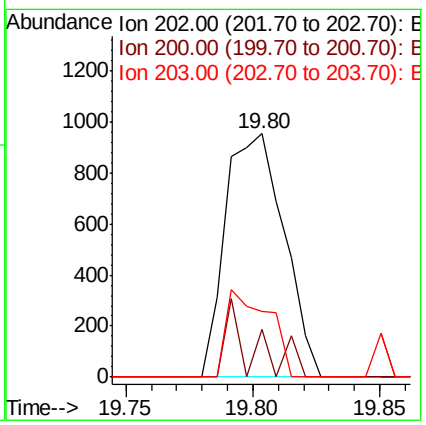


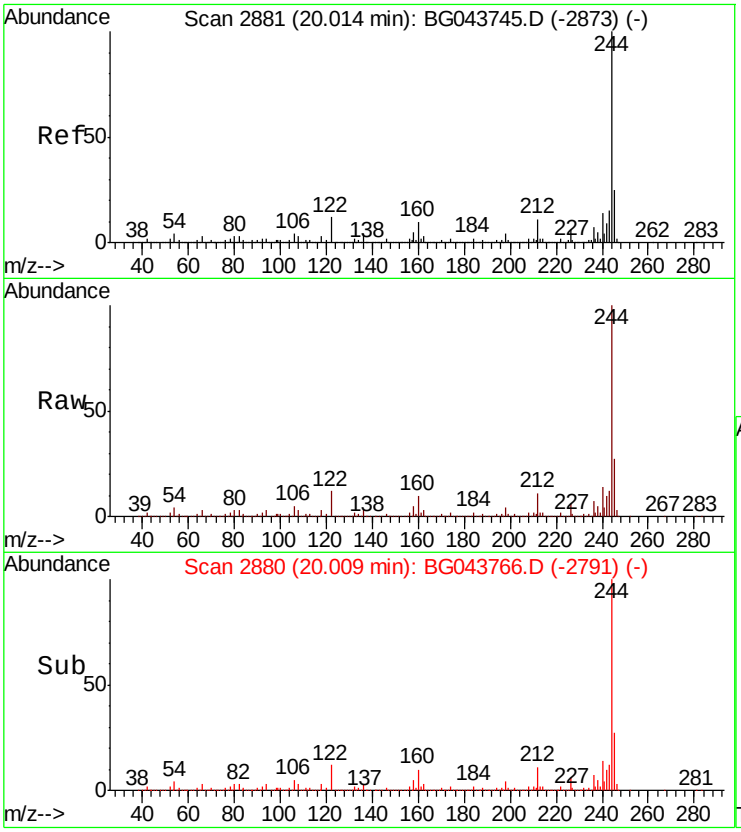


#78
Pyrene
Concen: 0.034 ng
RT: 19.80 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:202 Resp: 1533

Ion	Ratio	Lower	Upper
202	100		
200	19.8	19.8	29.6
203	26.9	16.6	24.8#



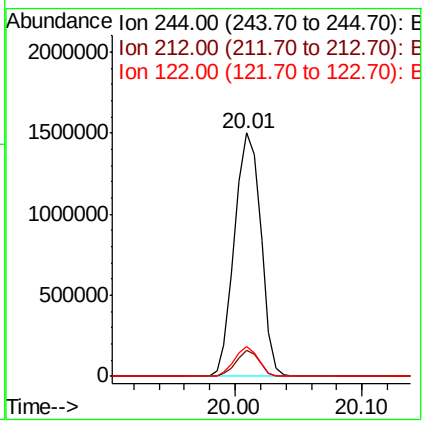


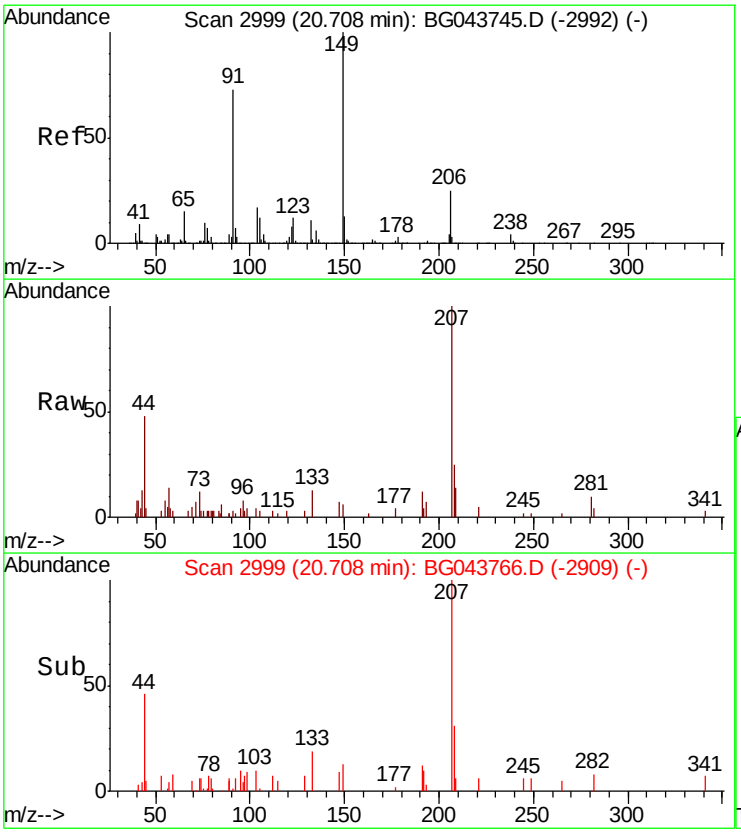
#79
Terphenyl-d14
Concen: 69.928 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2153571

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.5	12.7
122	12.3	9.5	14.3

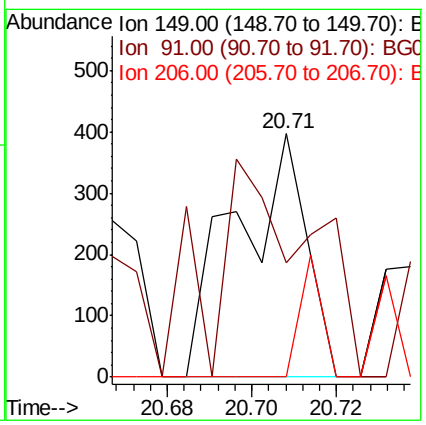


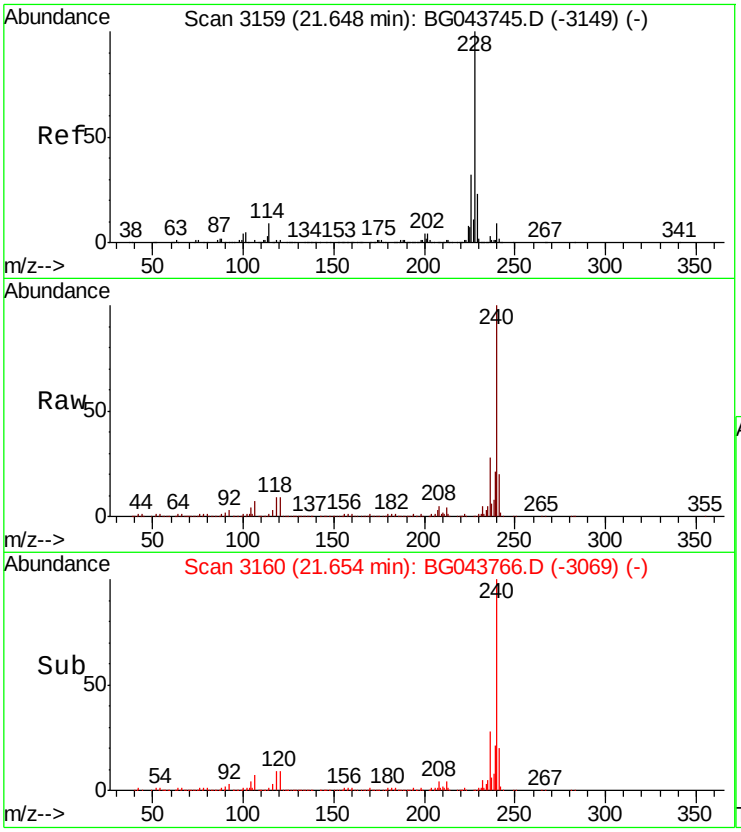


#80
Butylbenzylphthalate
Concen: 0.023 ng
RT: 20.71 min Scan# 2999
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:149 Resp: 464

Ion	Ratio	Lower	Upper
149	100		
91	46.9	58.8	88.2#
206	0.0	19.8	29.6#



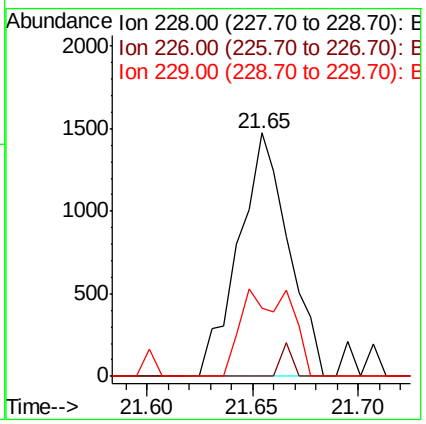


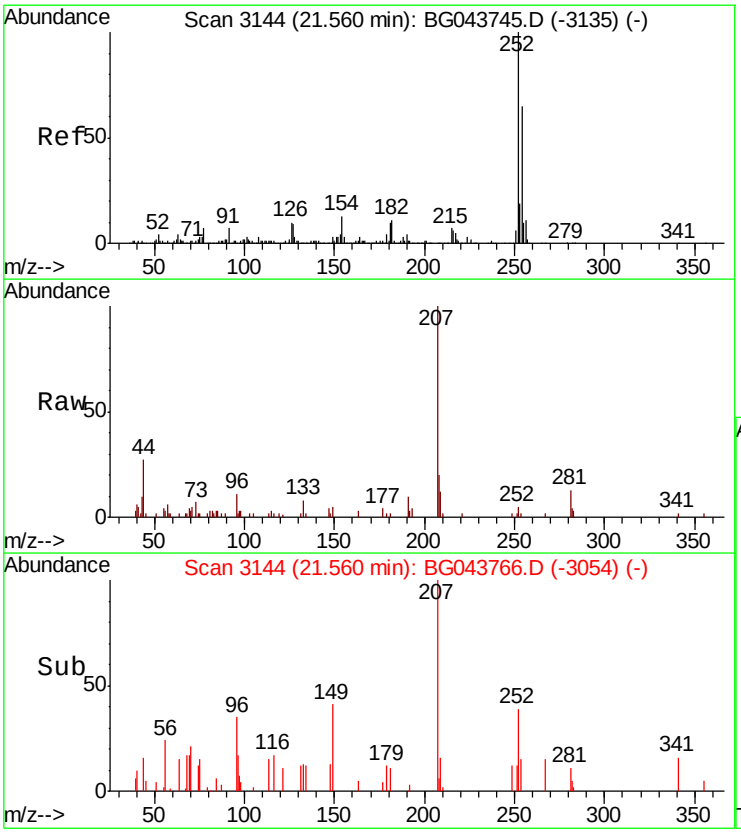
#81
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 2409

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.2#
229	28.0	18.1	27.1#

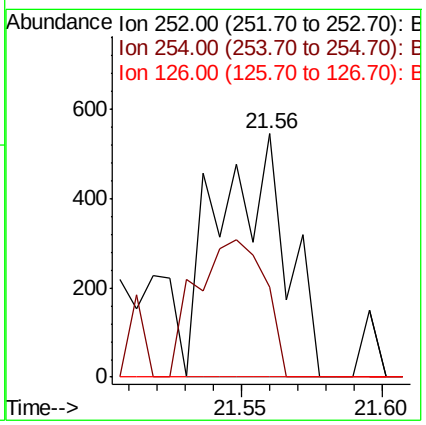


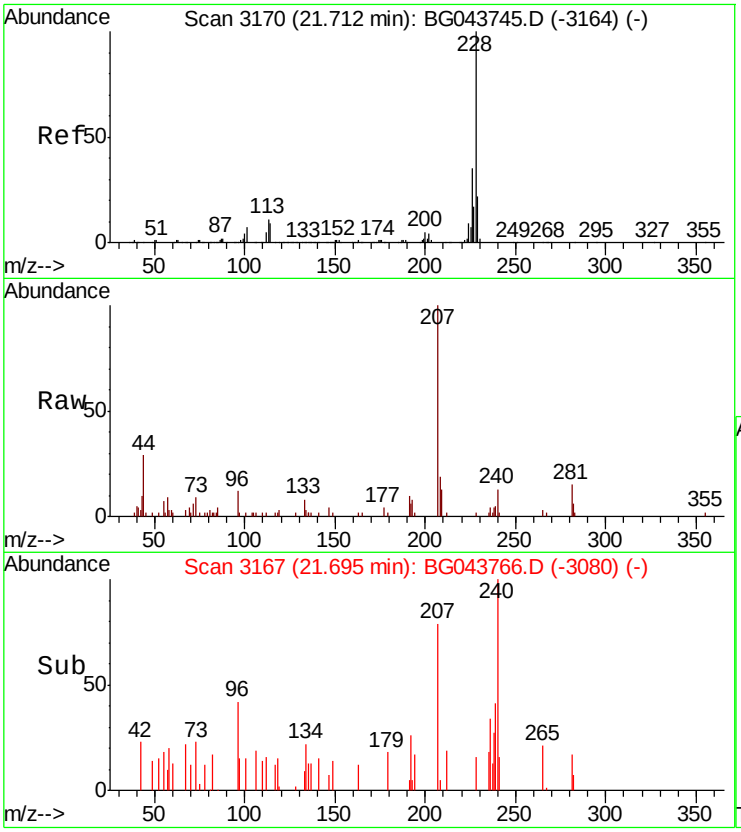


#82
3,3'-Dichlorobenzidine
Concen: 0.052 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:252 Resp: 912

Ion	Ratio	Lower	Upper
252	100		
254	37.0	52.1	78.1#
126	0.0	7.8	11.6#



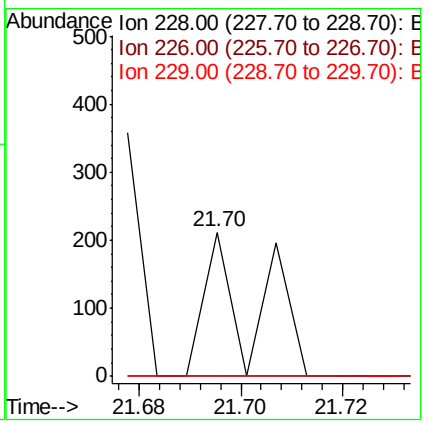


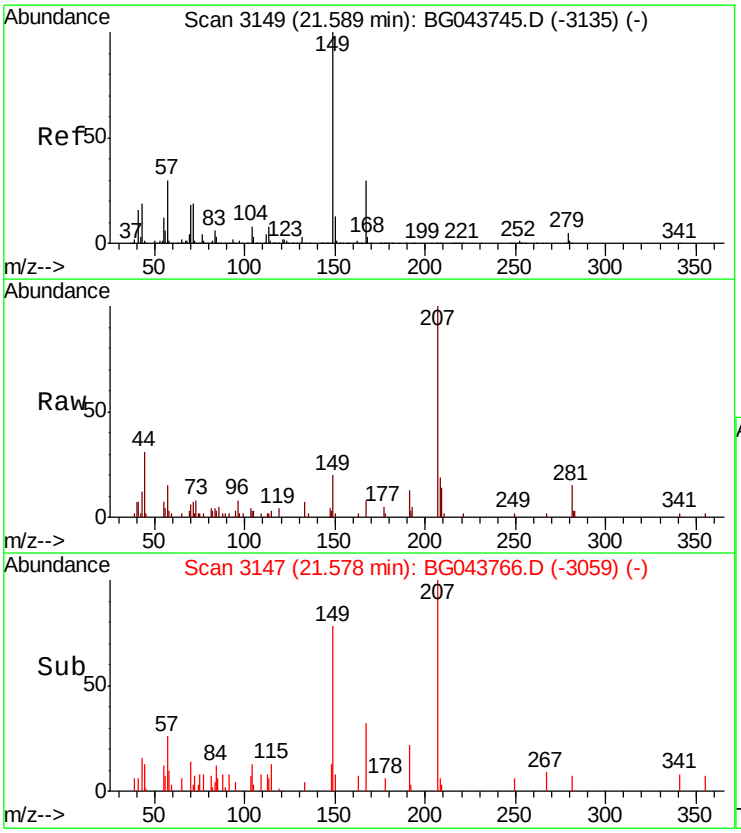
#83
Chrysene
Concen: 0.003 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 144

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.8	41.8#
229	0.0	17.9	26.9#

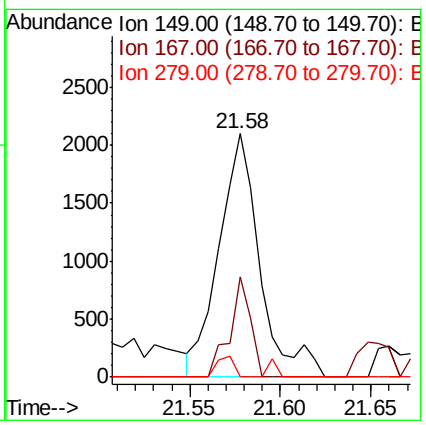


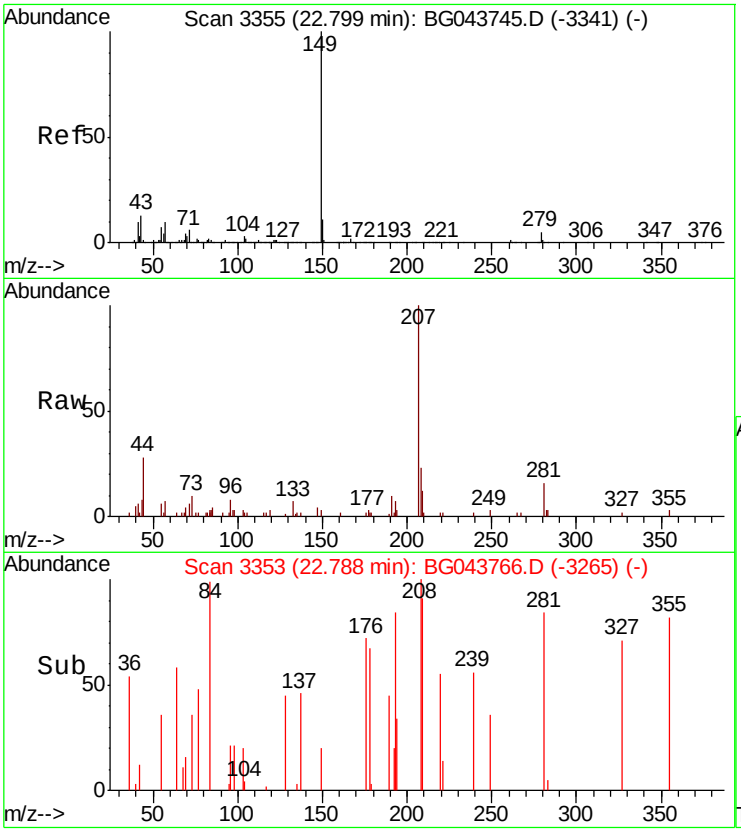


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:149 Resp: 3286

Ion	Ratio	Lower	Upper
149	100		
167	41.2	23.8	35.6#
279	0.0	4.0	6.0#



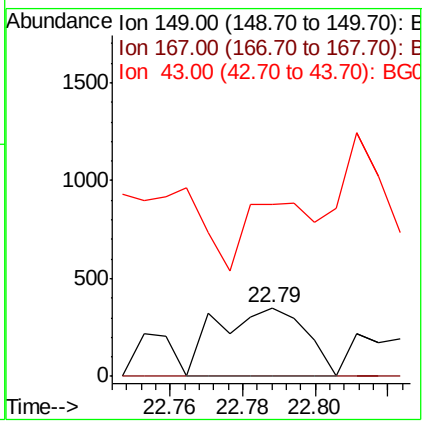


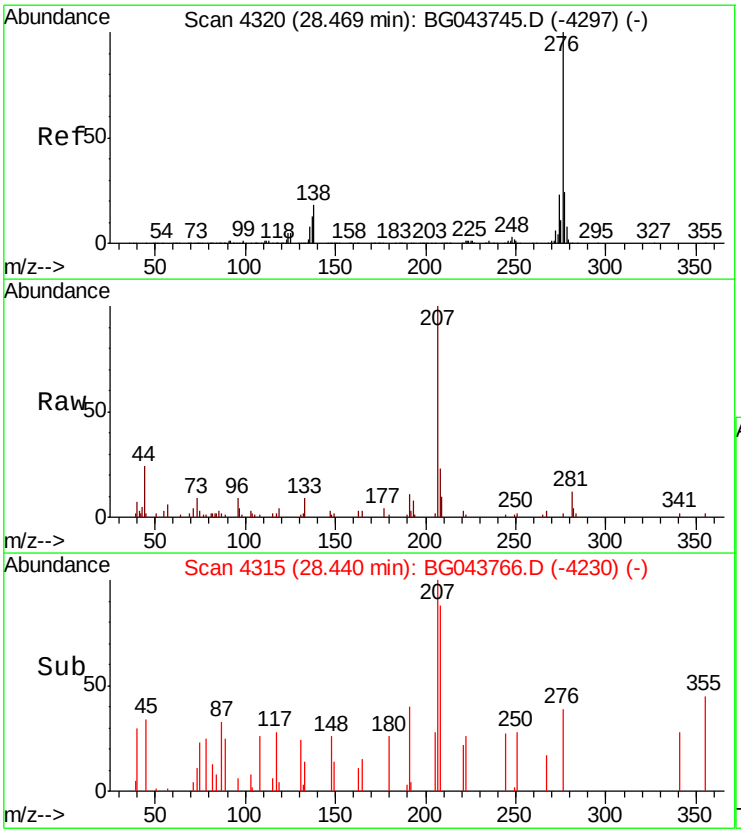
#85
Di-n-octyl phthalate
Concen: 0.013 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 593

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	76.2	9.8	14.6#

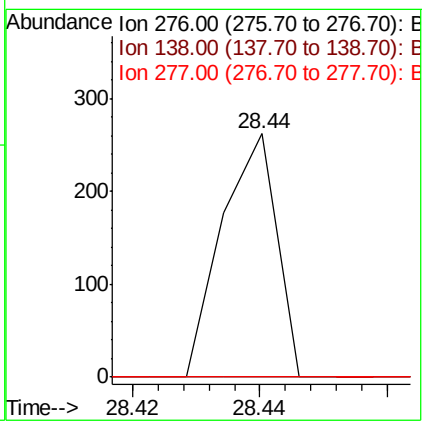


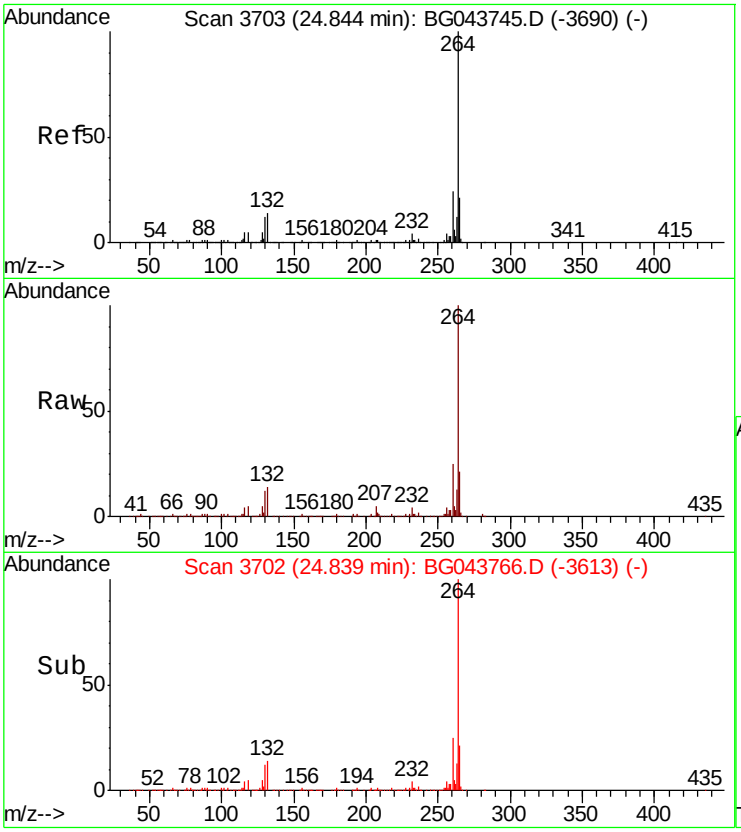


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.03 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:276 Resp: 155

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.5	21.7#
277	0.0	21.1	31.7#



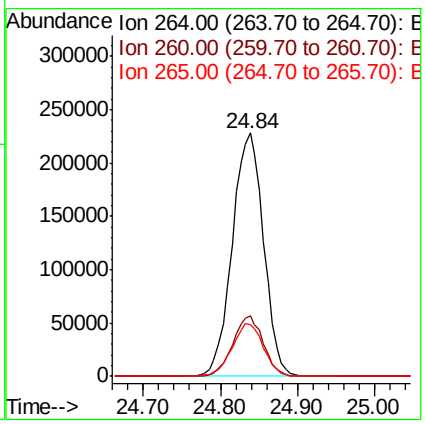


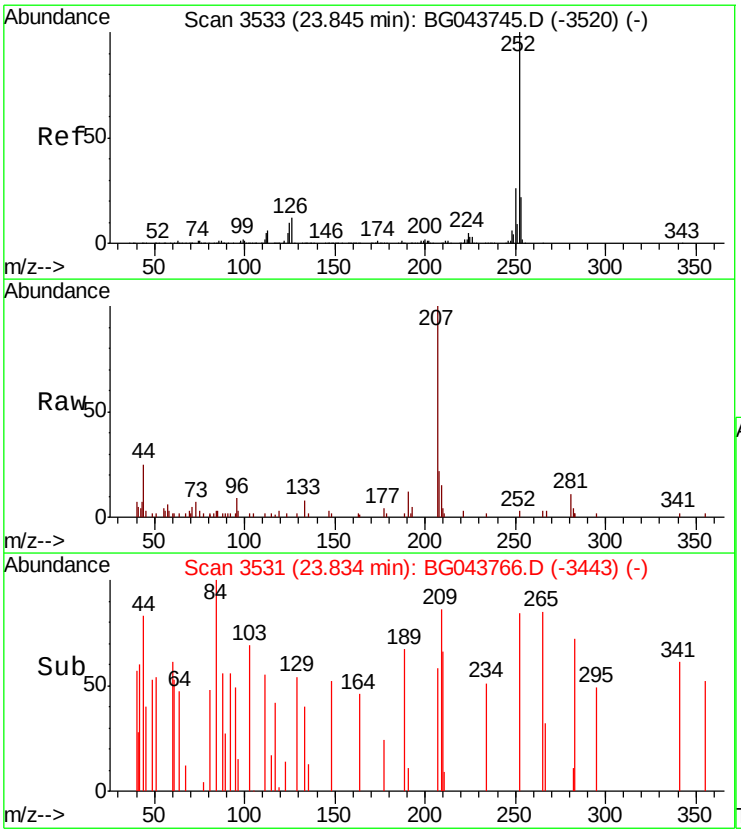
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 647403

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	17.0	25.6

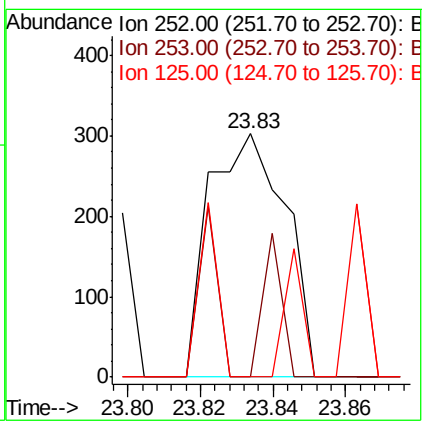


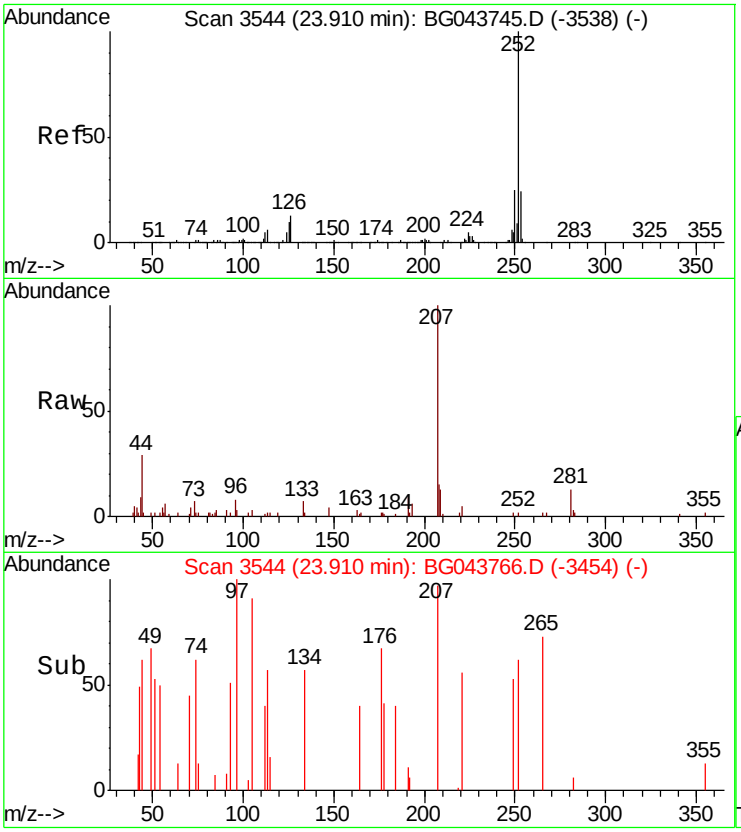


#88
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:252 Resp: 441

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	0.0	8.0	12.0#



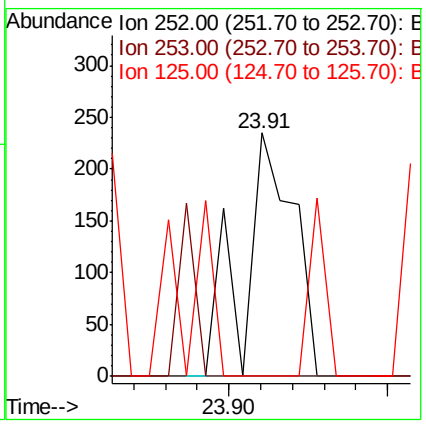


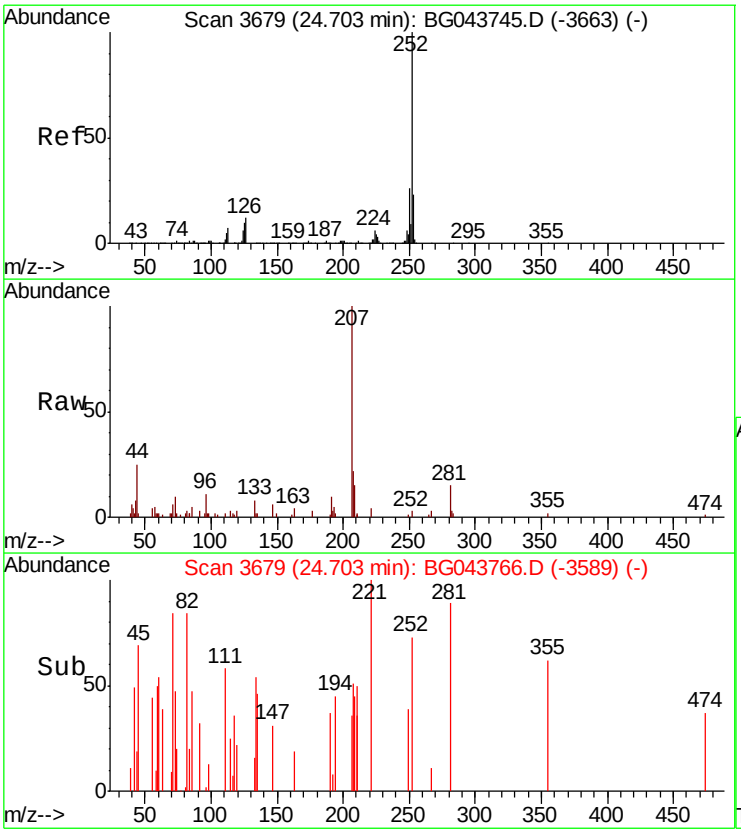
#89
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 258

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.8	28.2#
125	0.0	7.7	11.5#

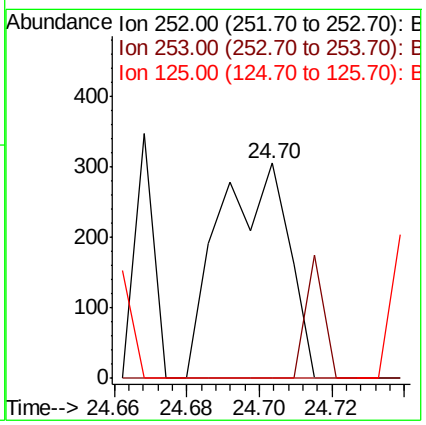


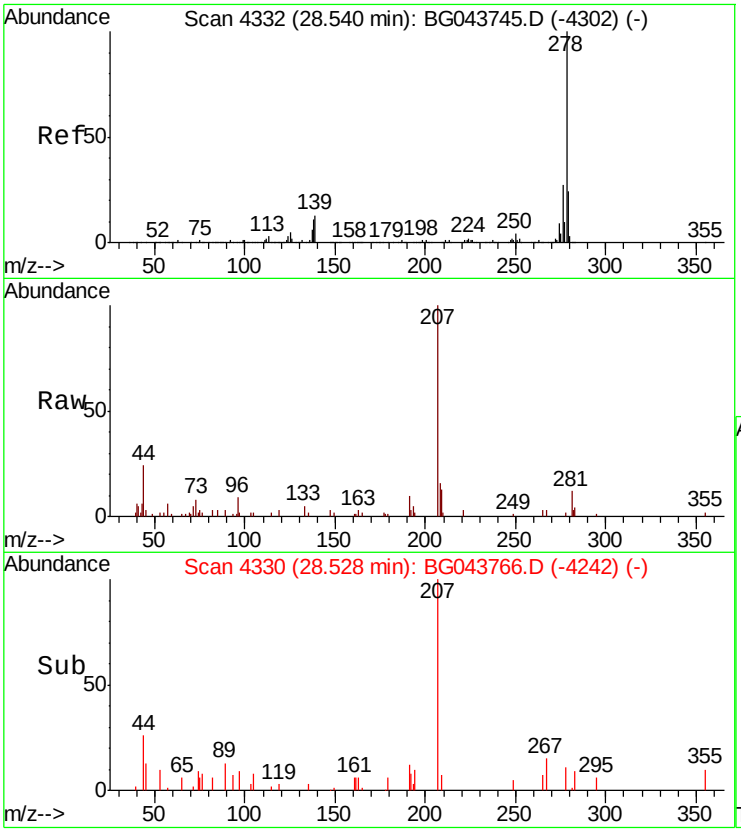


#90
Benzo(a)pyrene
Concen: 0.011 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:252 Resp: 403

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	8.3	12.5#



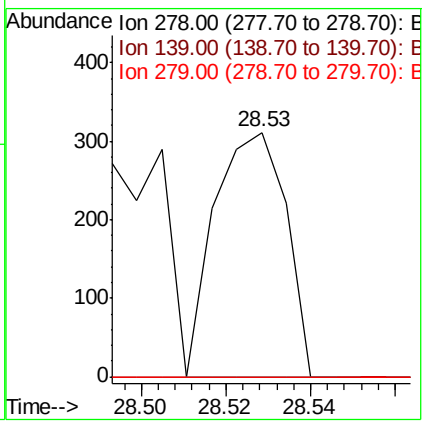


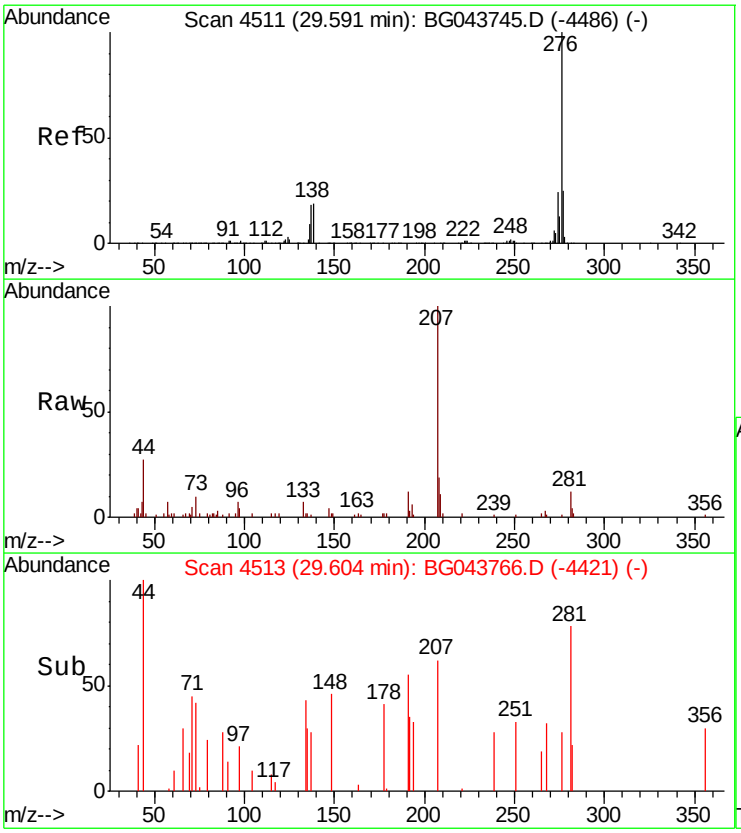
#91
Dibenzo(a,h)anthracene
Concen: 0.010 ng
RT: 28.53 min Scan# 4330
Delta R.T. -0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 365

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	0.0	19.3	28.9#





#92
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 29.60 min Scan# 4513
Delta R.T. 0.01 min
Lab File: BG043766.D
Acq: 23 Nov 2019 21:34

Tgt Ion:276 Resp: 54

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.7	29.5#
138	0.0	14.9	22.3#