Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043762.D
Acq On : 23 Nov 2019 18:58
Operator : JU
Sample : K5972-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 25 02:04:05 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	36555	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	180222	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	156721	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	503823	20.00	ng		0.00
76) Chrysene-d12	21.65	240	668726	20.00	ng		-0.01
87) Perylene-d12	24.84	264	592343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	361409	177.74	ng		0.00
7) Phenol-d6	7.18	99	537938	181.99	ng		0.00
23) Nitrobenzene-d5	9.18	82	305107	93.08	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	354321	187.44	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	871806	91.44	ng		0.00
79) Terphenyl-d14	20.01	244	2483825	83.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	165	0.183	ng	#	19
3) Pyridine	3.90	79	55	0.022	ng	#	1
4) n-Nitrosodimethylamine	3.83	42	444	0.352	ng	#	1
6) Aniline	7.35	93	600	0.156	ng	#	43
8) 2-Chlorophenol	7.60	128	58	0.025	ng	#	30
9) Benzaldehyde	7.18	77	1645	0.932	ng	#	4
10) Phenol	7.21	94	12242	4.034	ng		89
11) bis(2-Chloroethyl)ether	7.43	93	53	0.021	ng	#	17
14) 1,2-Dichlorobenzene	8.63	146	53	0.020	ng	#	23
15) Benzyl Alcohol	8.26	79	186	0.075	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	8.61	45	331	0.076	ng		62
17) 2-Methylphenol	8.35	107	56	0.026	ng	#	1
19) n-Nitroso-di-n-propylamine	9.18	70	40123	17.261	ng	#	75
20) 3+4-Methylphenols	8.76	107	57	0.019	ng	#	22
22) Acetophenone	8.85	105	684	0.143	ng	#	40
24) Nitrobenzene	9.25	77	109	0.032	ng	#	41
25) Isophorone	9.76	82	214	0.030	ng	#	67
27) 2,4-Dimethylphenol	9.94	122	79	0.033	ng	#	1
28) bis(2-Chloroethoxy)methane	10.23	93	107	0.025	ng	#	49
29) 2,4-Dichlorophenol	10.83	162	53	0.018	ng	#	1
30) 1,2,4-Trichlorobenzene	10.31	180	57	0.017	ng	#	12
31) Naphthalene	10.88	128	548	0.061	ng	#	67
32) Benzoic acid	9.94	122	79	0.046	ng	#	1
33) 4-Chloroaniline	10.98	127	464	0.108	ng	#	46
35) Caprolactam	11.92	113	150	0.127	ng		89
36) 4-Chloro-3-methylphenol	12.02	107	68	0.021	ng	#	17
37) 2-Methylnaphthalene	12.49	142	56	0.008	ng	#	14
38) 1-Methylnaphthalene	12.70	142	258	0.040	ng	#	91
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	62	0.012	ng	#	26
43) 2,4,6-Trichlorophenol	13.02	196	54	0.017	ng	#	12
44) 2,4,5-Trichlorophenol	13.02	196	54	0.016	ng	#	1
46) 1,1'-Biphenyl	13.49	154	2087	0.192	ng		80
47) 2-Chloronaphthalene	13.92	162	87	0.010	ng	#	39
48) 2-Nitroaniline	13.75	65	54	0.021	ng	#	5

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043762.D
Acq On : 23 Nov 2019 18:58
Operator : JU
Sample : K5972-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 25 02:04:05 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)
49) Acenaphthylene	14.14	152	55	0.004	ng	#	59
50) Dimethylphthalate	14.10	163	174734	14.075	ng		100
51) 2,6-Dinitrotoluene	14.10	165	2106	0.913	ng	#	9
52) Acenaphthene	14.72	154	333	0.037	ng	#	34
53) 3-Nitroaniline	14.76	138	59	0.022	ng	#	1
55) Dibenzofuran	15.04	168	314	0.023	ng	#	46
56) 4-Nitrophenol	15.19	139	72	0.032	ng	#	4
57) 2,4-Dinitrotoluene	15.20	165	868	0.271	ng	#	22
58) Fluorene	15.70	166	498	0.044	ng	#	48
60) Diethylphthalate	15.47	149	978	Below Cal		#	57
62) 4-Nitroaniline	15.36	138	55	0.018	ng	#	13
63) Azobenzene	15.97	77	370	0.032	ng	#	47
65) 4,6-Dinitro-2-methylphenol	15.93	198	109	4.181	ng	#	38
66) n-Nitrosodiphenylamine	16.14	169	13960	1.047	ng	#	51
67) 4-Bromophenyl-phenylether	16.14	248	26911	5.065	ng	#	1
71) Phenanthrene	17.43	178	1173	0.047	ng	#	77
72) Anthracene	17.54	178	58	0.002	ng	#	58
73) Carbazole	17.89	167	58	Below Cal		#	56
74) Di-n-butylphthalate	18.37	149	2488	0.078	ng	#	97
75) Fluoranthene	19.45	202	369	0.010	ng		62
77) Benzidine	19.62	184	21801	1.116	ng	#	93
78) Pyrene	20.02	202	12760	0.296	ng	#	78
80) Butylbenzylphthalate	20.71	149	1531	0.078	ng	#	74
81) Benzo(a)anthracene	21.65	228	2268	0.051	ng	#	55
82) 3,3'-Dichlorobenzidine	21.53	252	57	0.003	ng	#	25
83) Chrysene	21.65	228	2268	0.054	ng	#	52
84) Bis(2-ethylhexyl)phthalate	21.58	149	3873	0.140	ng	#	95
85) Di-n-octyl phthalate	22.79	149	1148	0.026	ng	#	72
86) Indeno(1,2,3-cd)pyrene	28.45	276	171	0.003	ng	#	53
88) Benzo(b)fluoranthene	23.84	252	81	0.002	ng	#	6
89) Benzo(k)fluoranthene	23.90	252	131	0.004	ng	#	58
90) Benzo(a)pyrene	24.70	252	323	0.010	ng	#	26
91) Dibenzo(a,h)anthracene	28.53	278	379	0.012	ng	#	57
92) Benzo(g,h,i)perylene	29.60	276	63	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 : BG043762.D
Acq On : 23 Nov 2019 18:58
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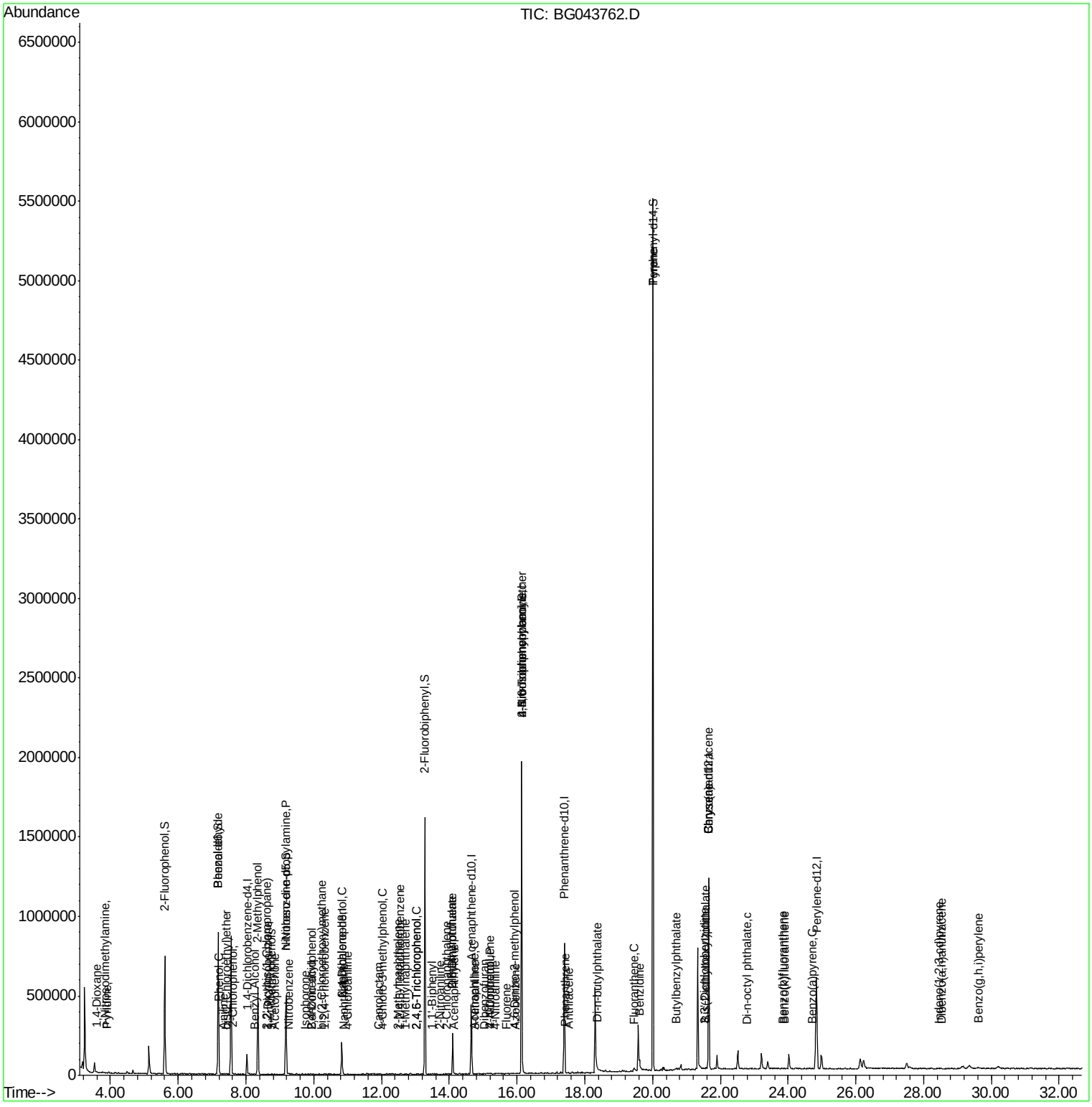
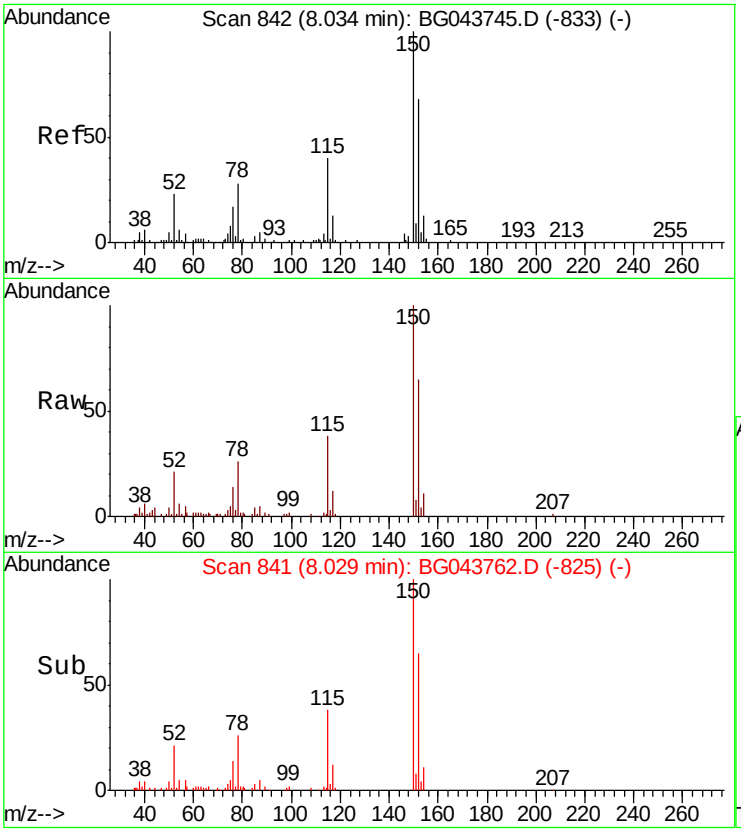
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 25 02:04:05 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



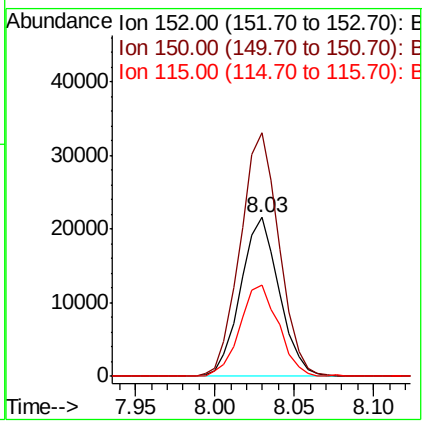


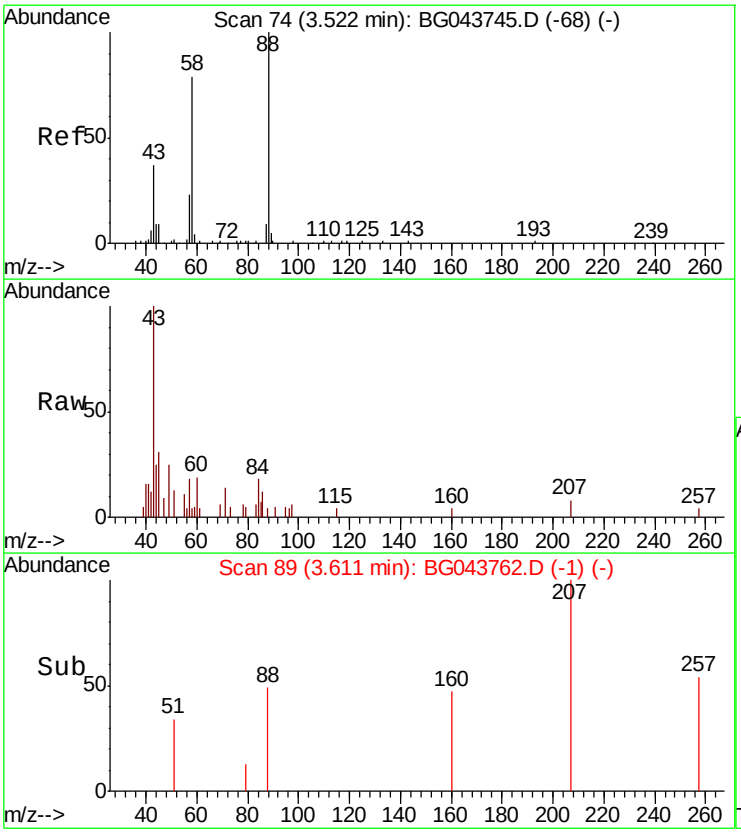
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36555

Ion	Ratio	Lower	Upper
152	100		
150	153.1	117.8	176.8
115	57.7	47.0	70.4

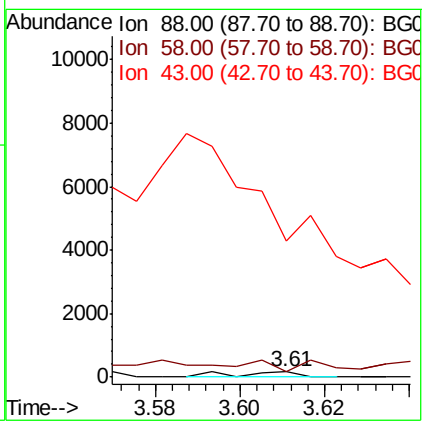


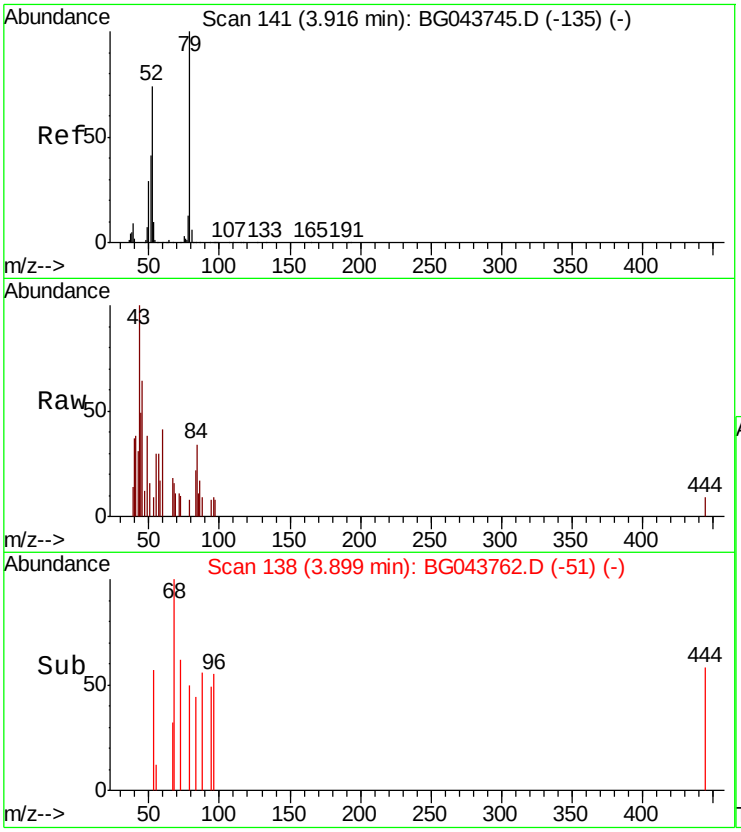


#2
1,4-Dioxane
Concen: 0.183 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 88 Resp: 165

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



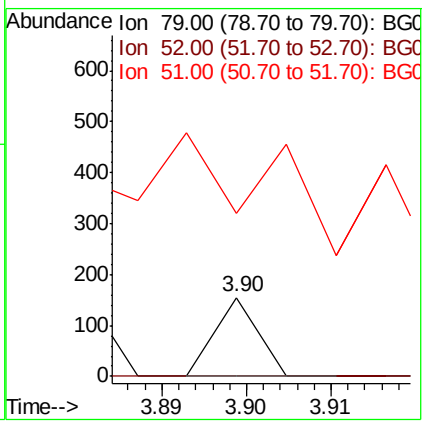


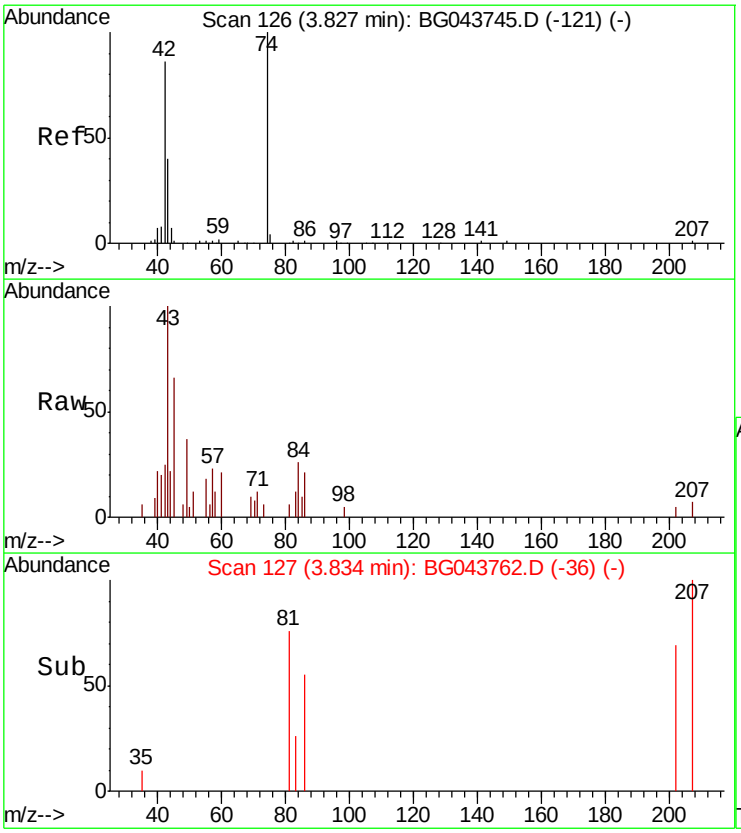
#3
Pyridine
Concen: 0.022 ng
RT: 3.90 min Scan# 138
Delta R.T. -0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 55

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.0	88.6#
51	205.8	32.9	49.3#

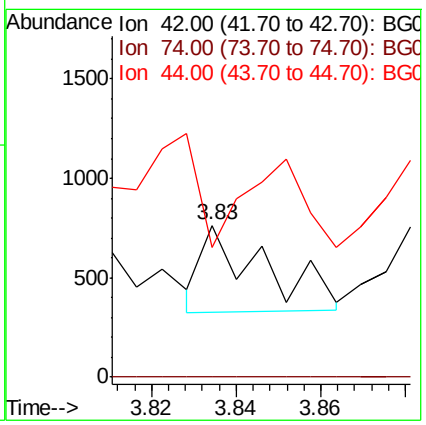


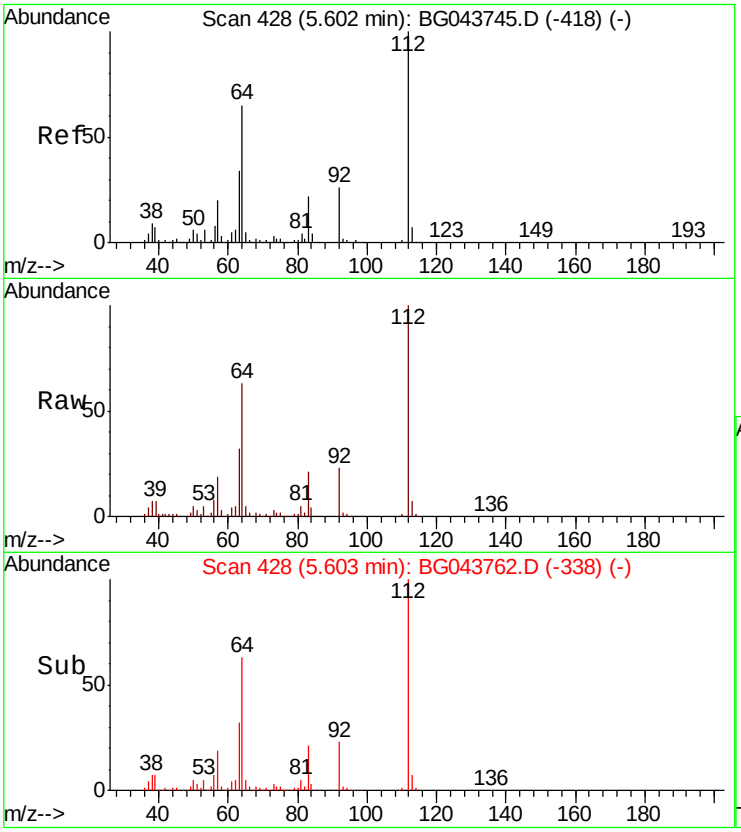


#4
n-Nitrosodimethylamine
Concen: 0.352 ng
RT: 3.83 min Scan# 127
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 42 Resp: 444

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.9	137.9#
44	85.6	9.1	13.7#



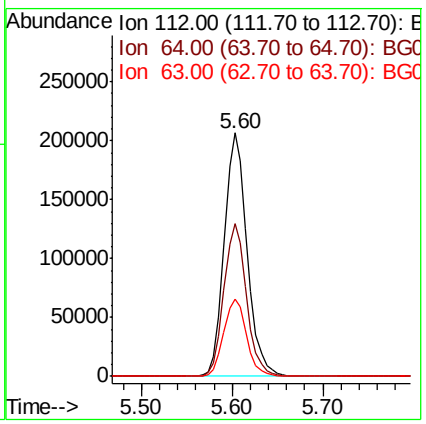


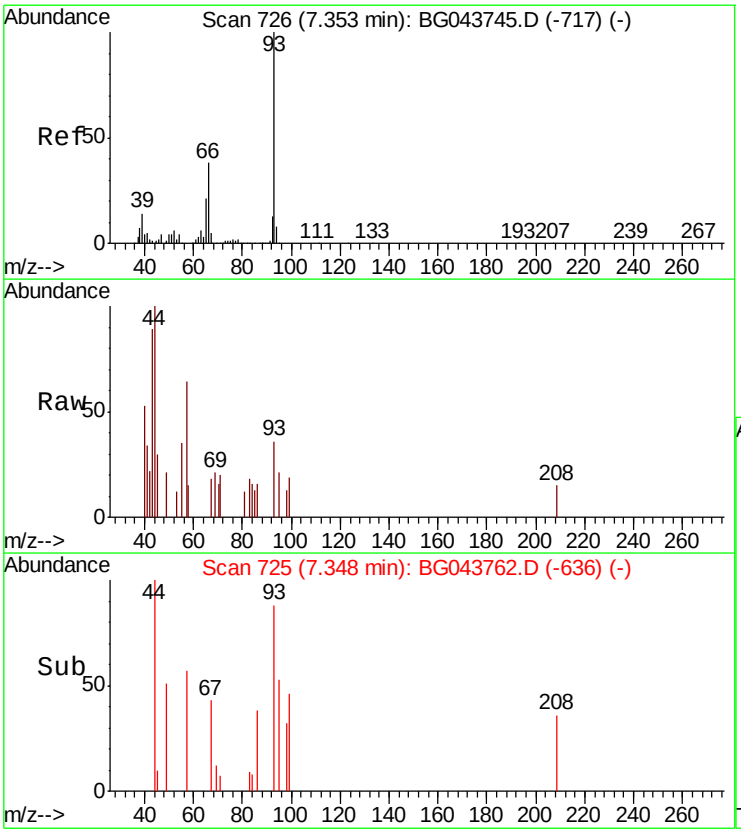
#5
2-Fluorophenol
Concen: 177.741 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 361409

Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.7	77.5
63	31.8	26.8	40.2

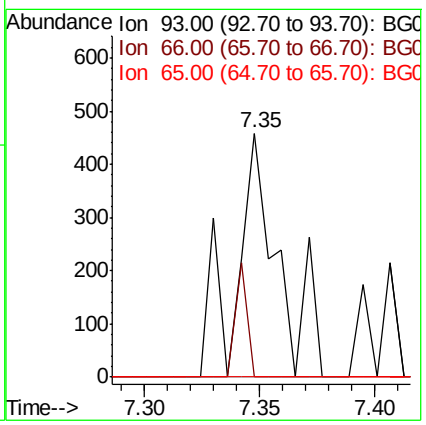


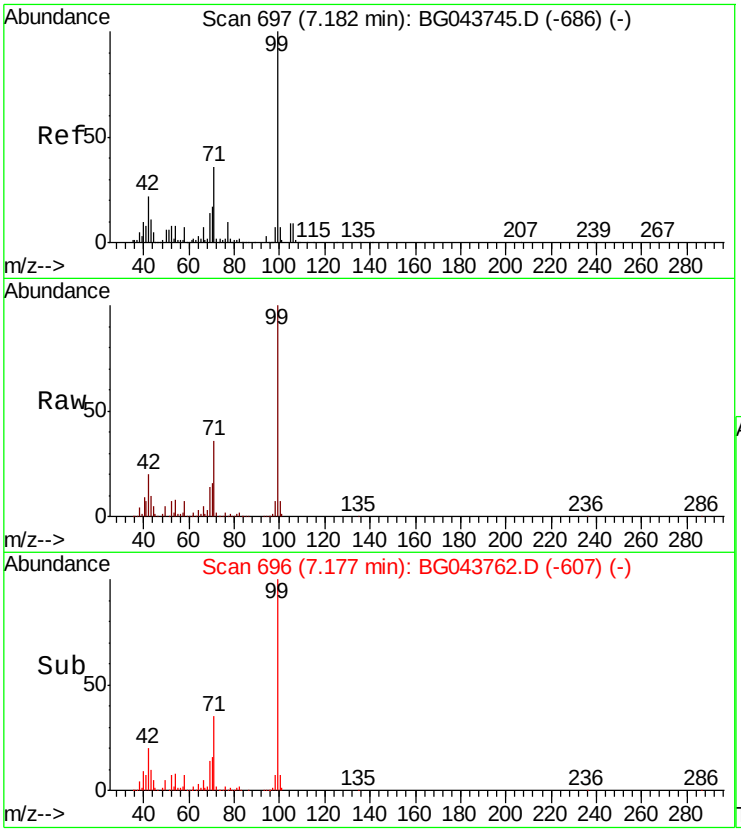


#6
Aniline
Concen: 0.156 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 93 Resp: 600

Ion	Ratio	Lower	Upper
93	100		
66	0.0	30.6	46.0#
65	0.0	16.8	25.2#



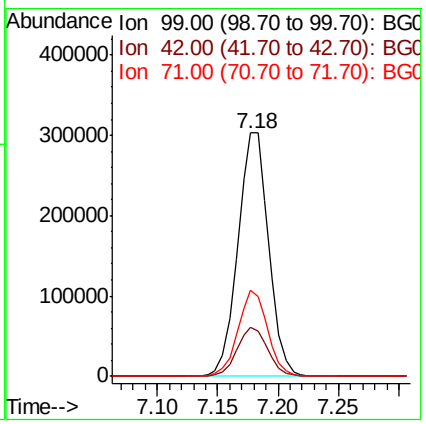


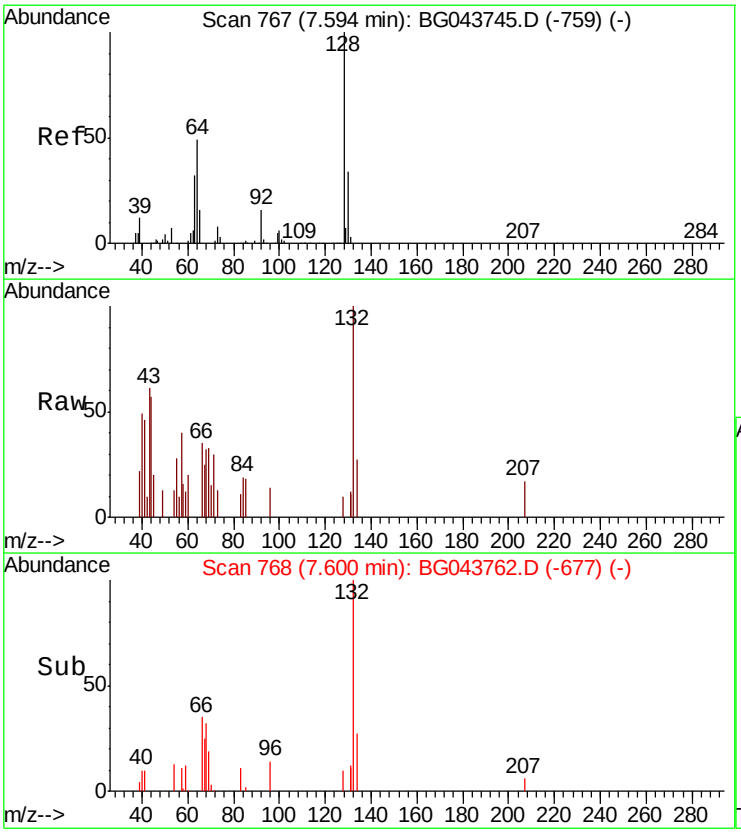
#7
Phenol-d6
Concen: 181.994 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 537938

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.4	26.0
71	35.6	29.5	44.3

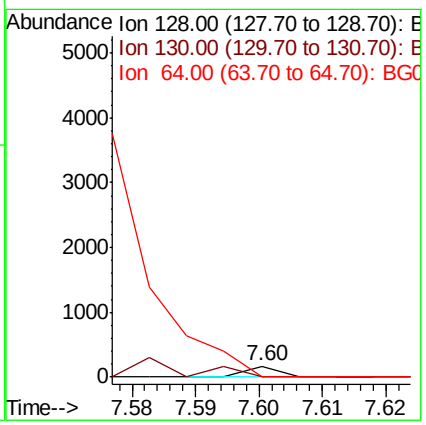


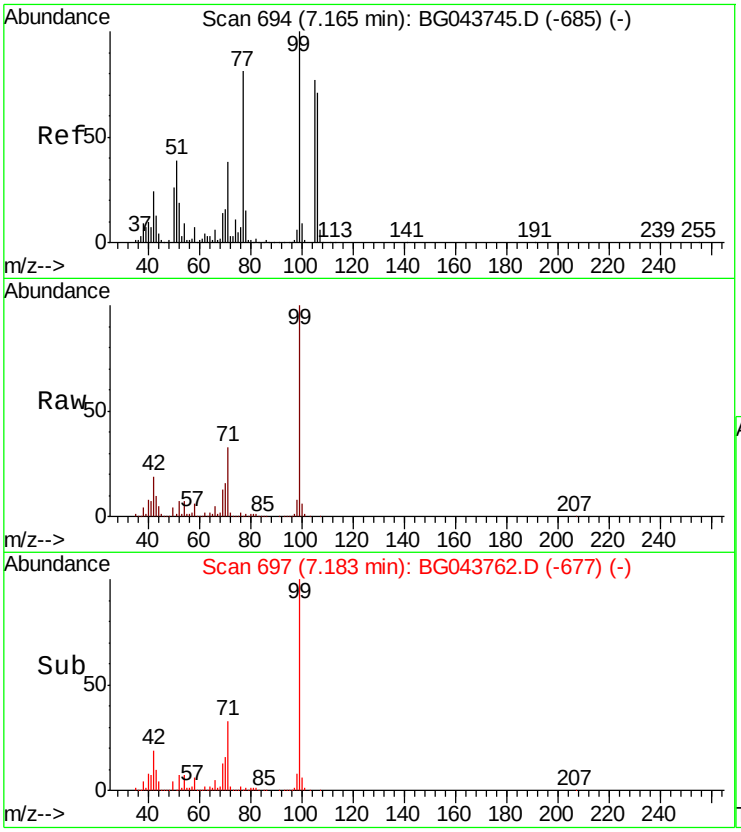


#8
2-Chlorophenol
Concen: 0.025 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:128 Resp: 58

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.3	54.3#
64	0.0	34.5	74.5#



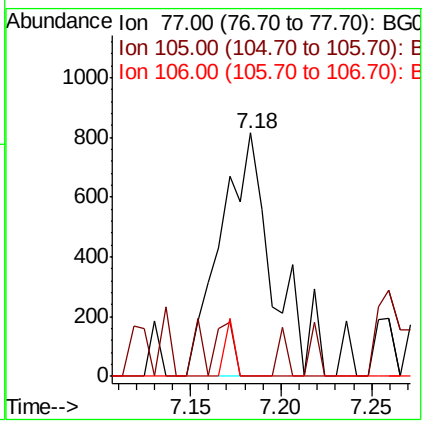


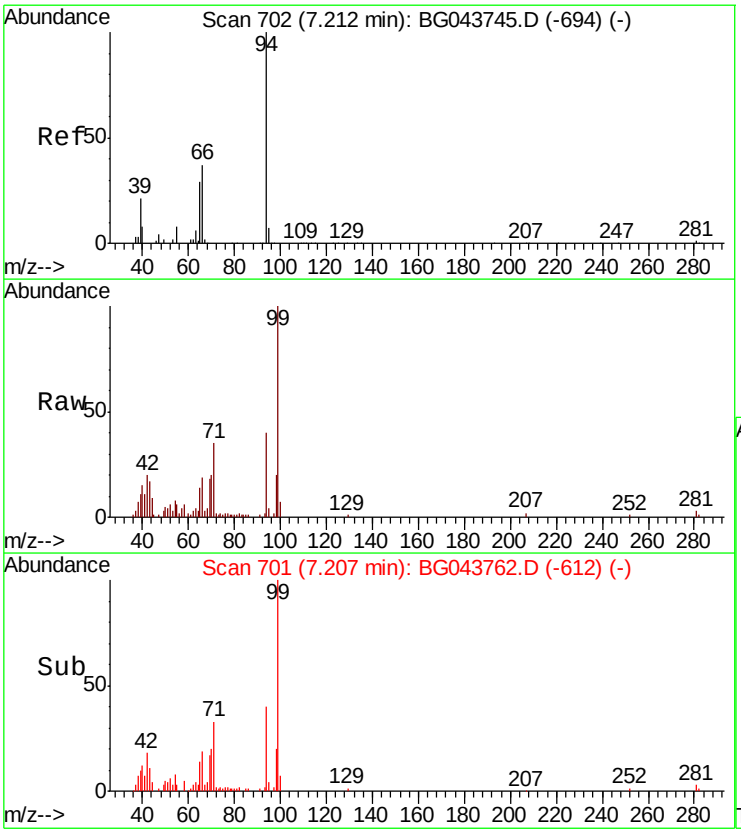
#9
Benzaldehyde
Concen: 0.932 ng
RT: 7.18 min Scan# 697
Delta R.T. 0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1645

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

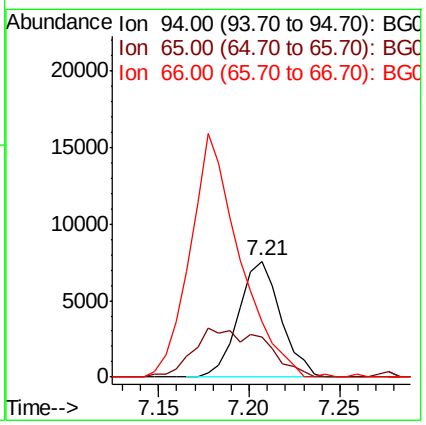


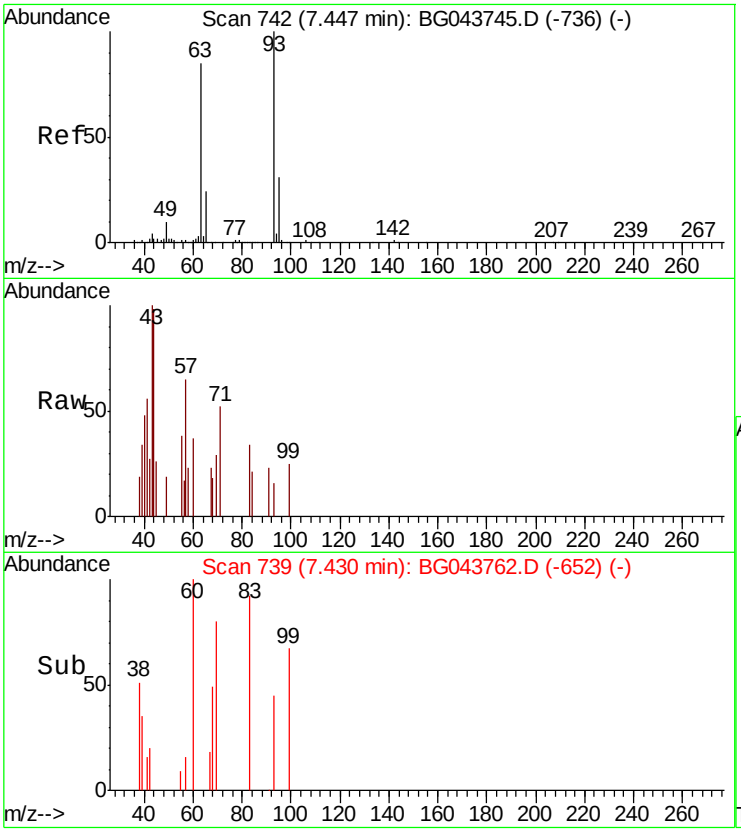


#10
Phenol
Concen: 4.034 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 94 Resp: 12242

Ion	Ratio	Lower	Upper
94	100		
65	34.7	10.3	50.3
66	48.3	20.5	60.5



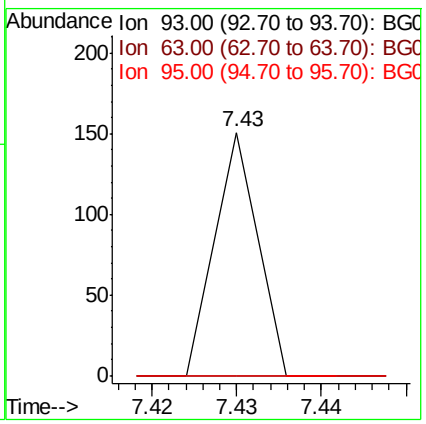


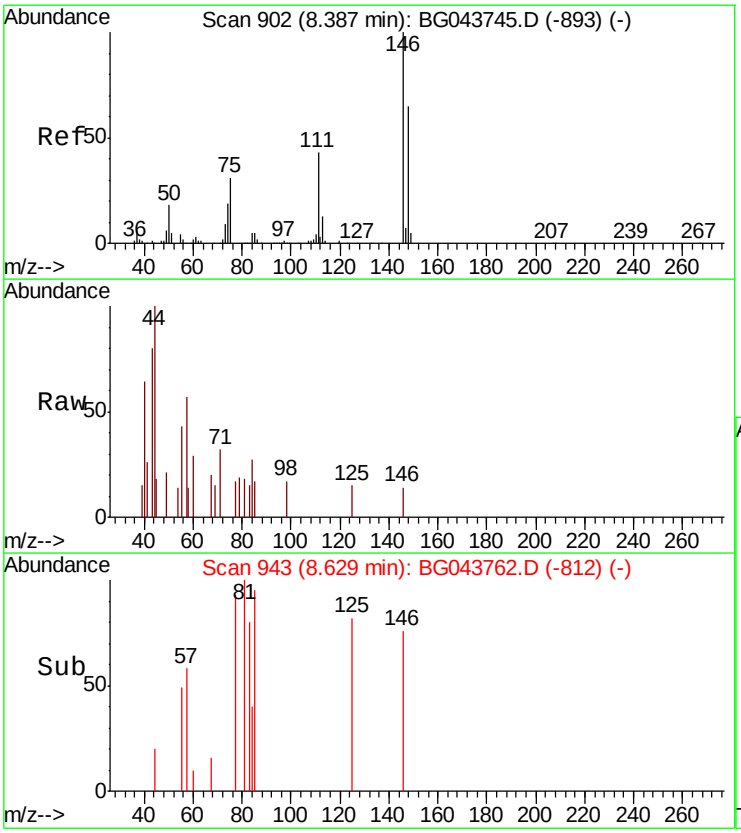
#11
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 53

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

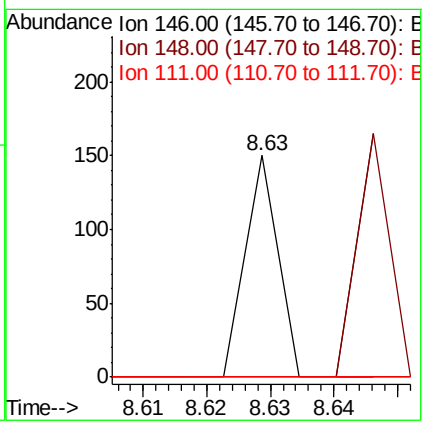


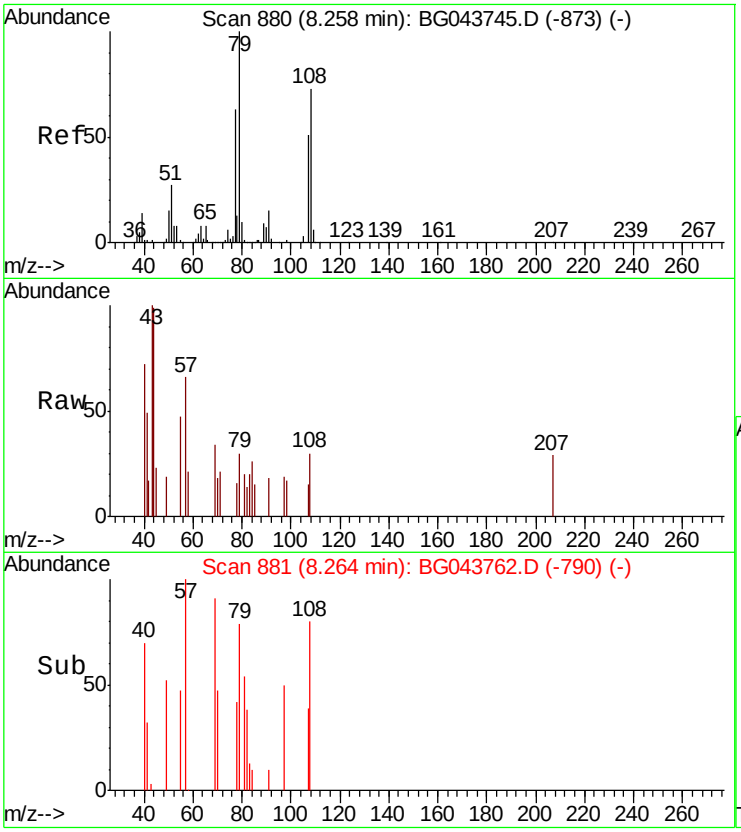


#14
1,2-Dichlorobenzene
Concen: 0.020 ng
RT: 8.63 min Scan# 943
Delta R.T. 0.24 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:146 Resp: 53

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.1	78.1#
111	0.0	34.7	52.1#



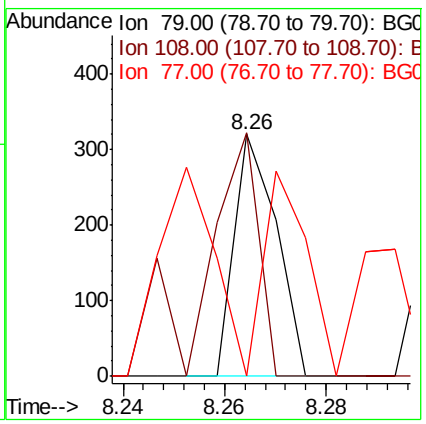


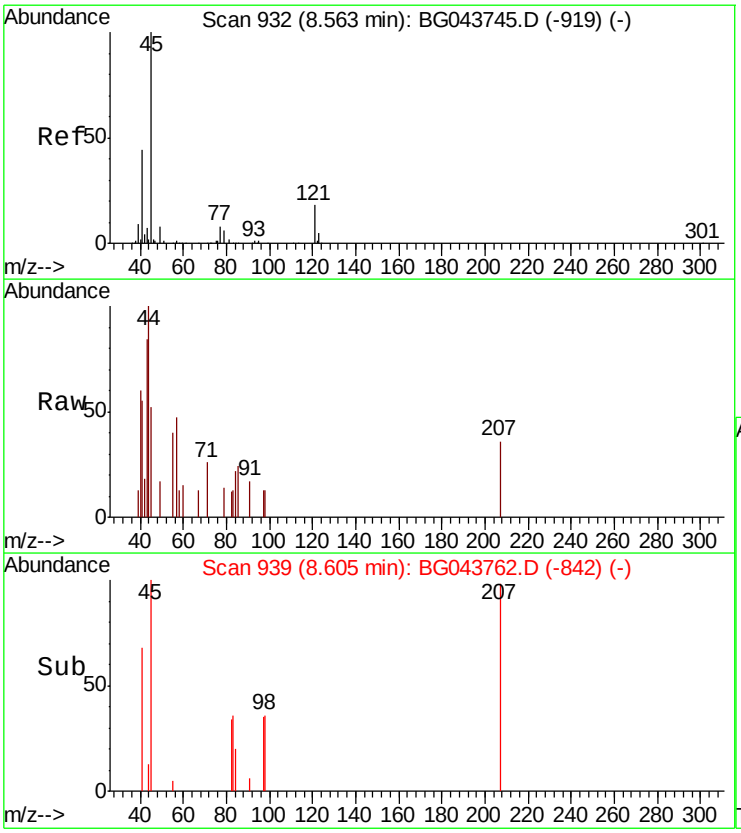
#15
Benzyl Alcohol
Concen: 0.075 ng
RT: 8.26 min Scan# 881
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 186

Ion	Ratio	Lower	Upper
79	100		
108	100.6	58.2	87.2#
77	0.0	50.2	75.4#

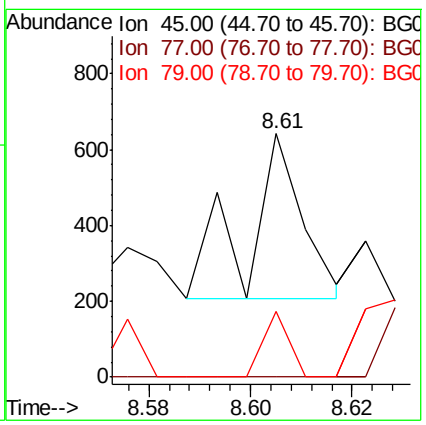


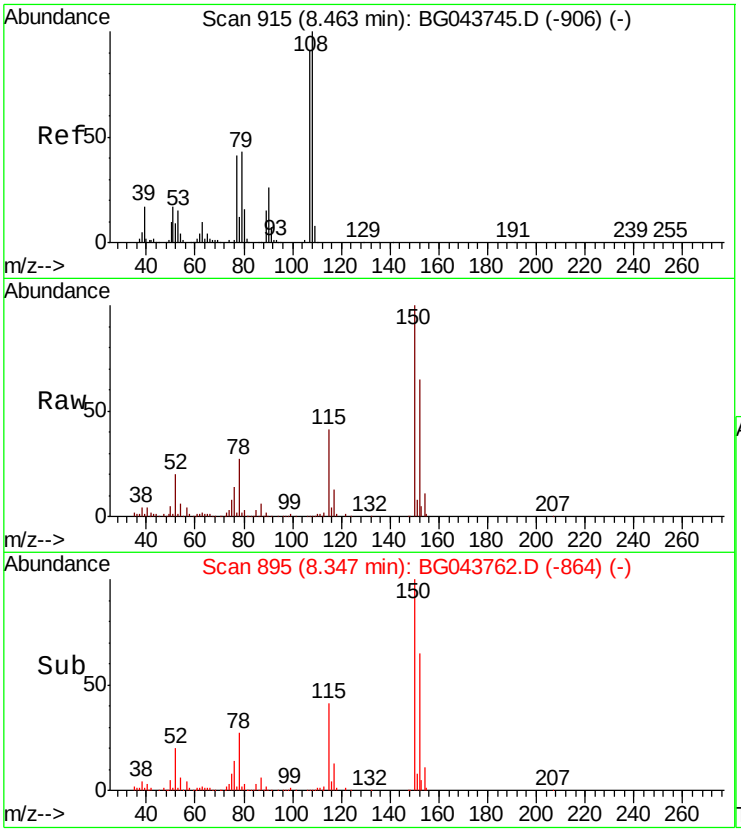


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.076 ng
RT: 8.61 min Scan# 939
Delta R.T. 0.04 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 45 Resp: 331

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.2
79	27.1	0.0	29.9



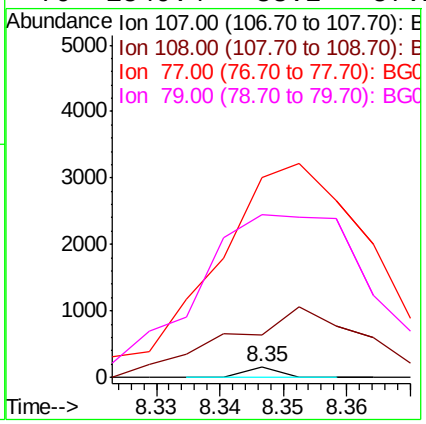


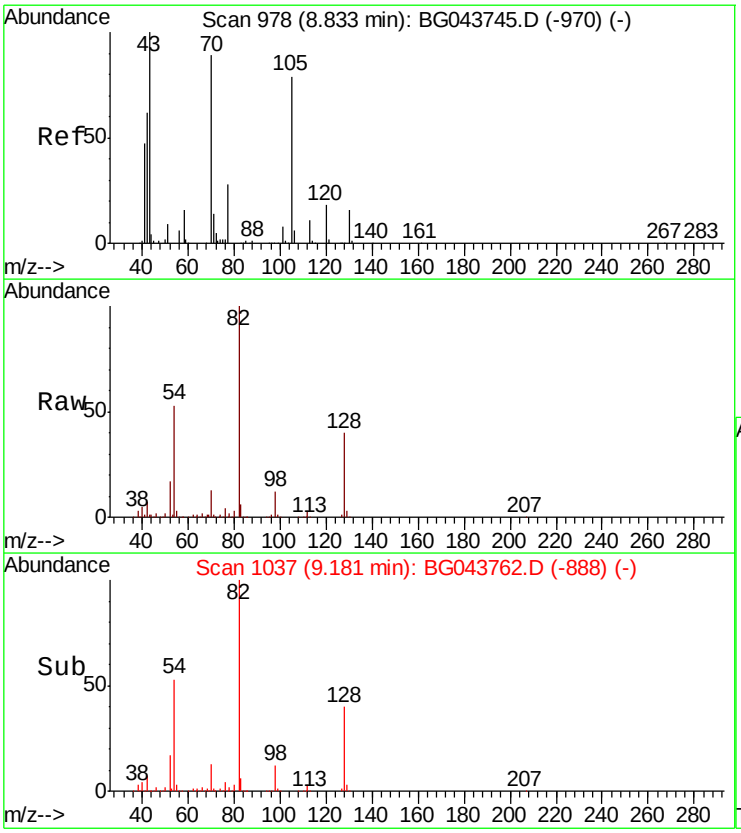
#17
2-Methylphenol
Concen: 0.026 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.12 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 56

Ion	Ratio	Lower	Upper
107	100		
108	405.7	88.0	132.0#
77	1900.0	35.9	53.9#
79	1549.4	38.2	57.2#

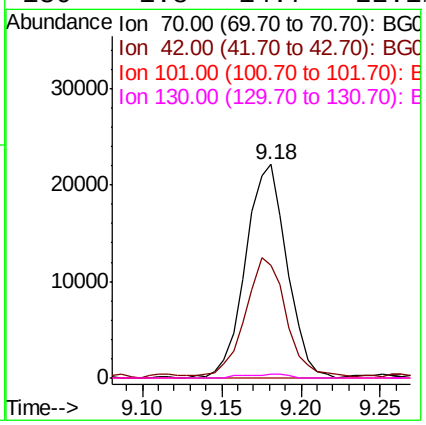


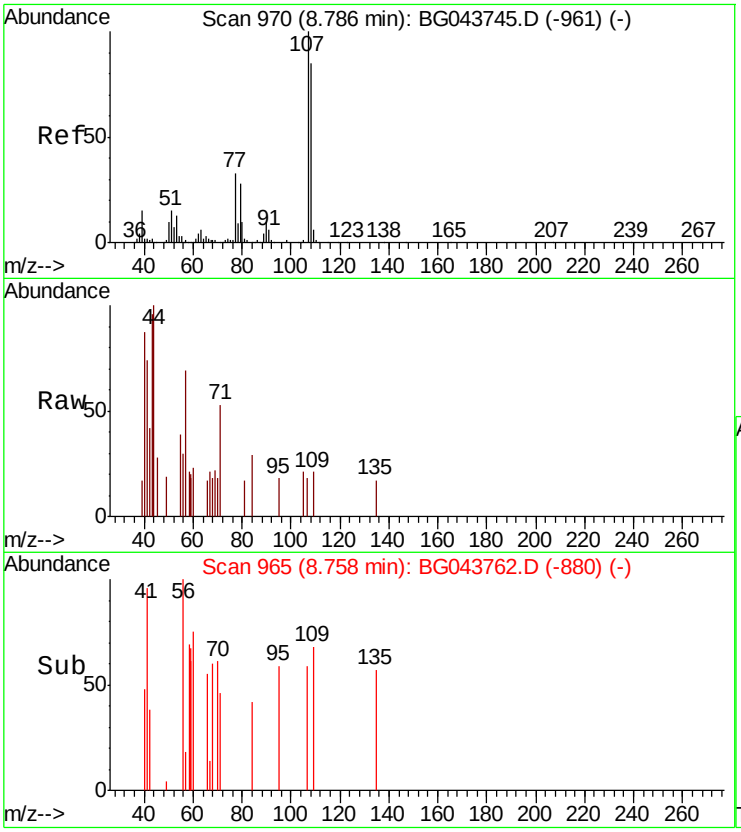


#19
n-Nitroso-di-n-propylamine
Concen: 17.261 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 70 Resp: 40123

Ion	Ratio	Lower	Upper
70	100		
42	52.8	56.4	84.6#
101	0.0	6.7	10.1#
130	1.8	14.7	22.1#



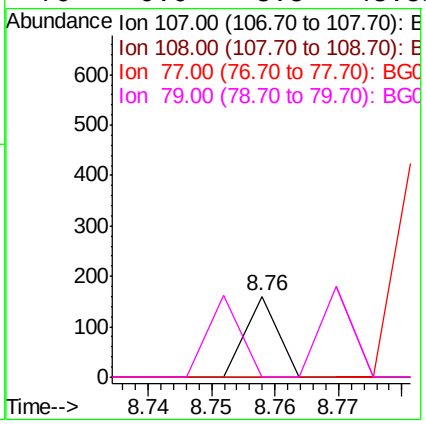


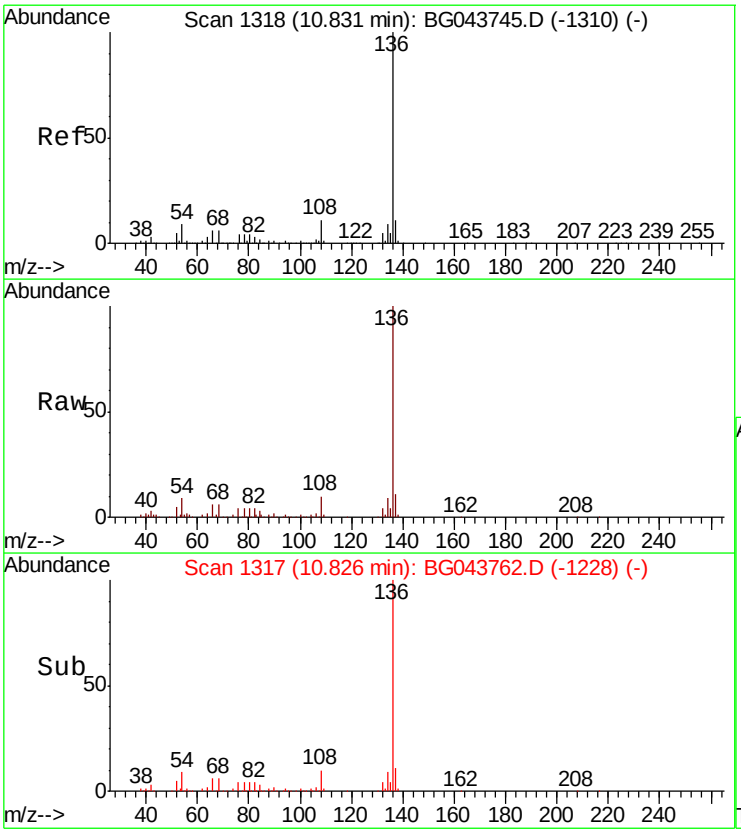
#20
3+4-Methylphenols
Concen: 0.019 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.03 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 57

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#

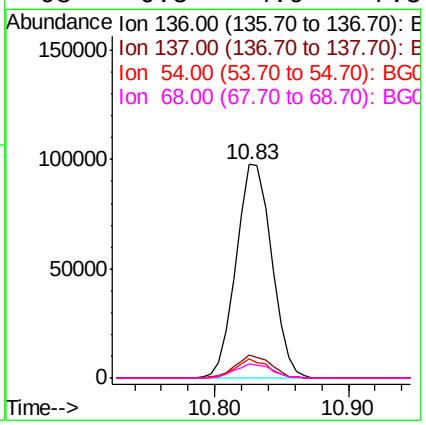


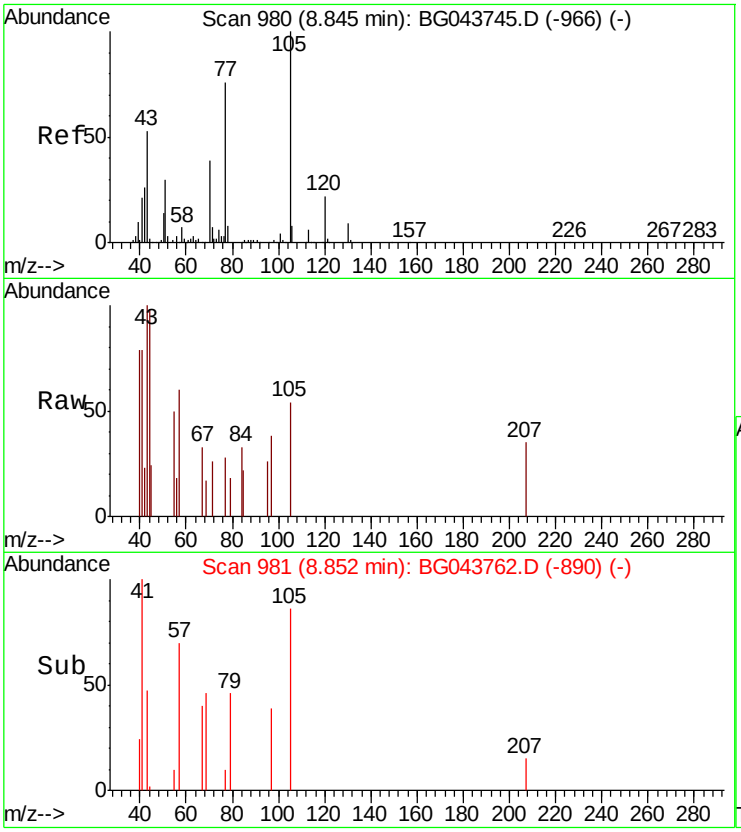


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:136 Resp: 180222

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.1	7.5	11.3
68	6.5	4.9	7.3



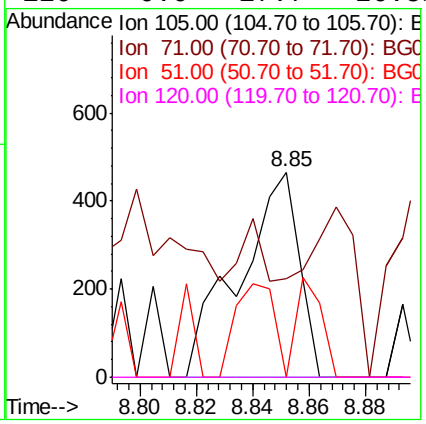


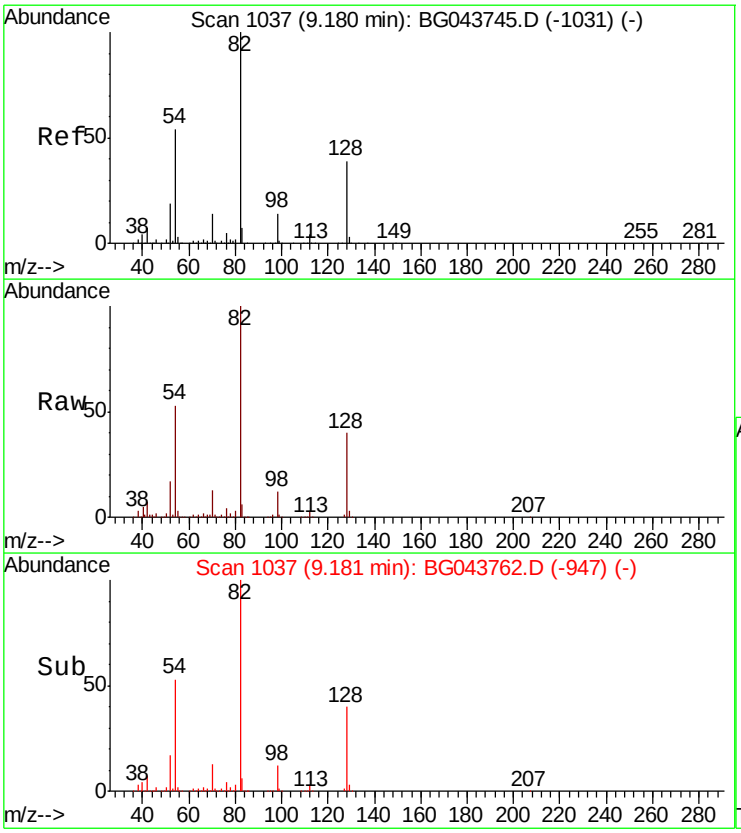
#22
Acetophenone
Concen: 0.143 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 684

Ion	Ratio	Lower	Upper
105	100		
71	48.2	6.3	9.5#
51	0.0	24.7	37.1#
120	0.0	17.7	26.5#

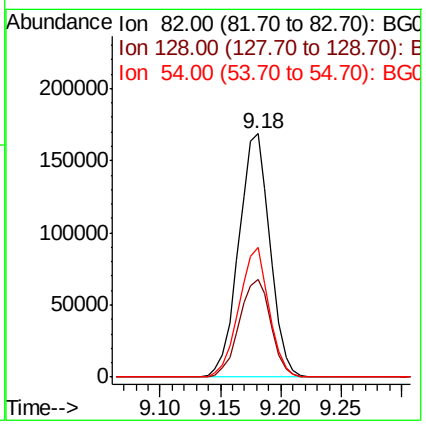


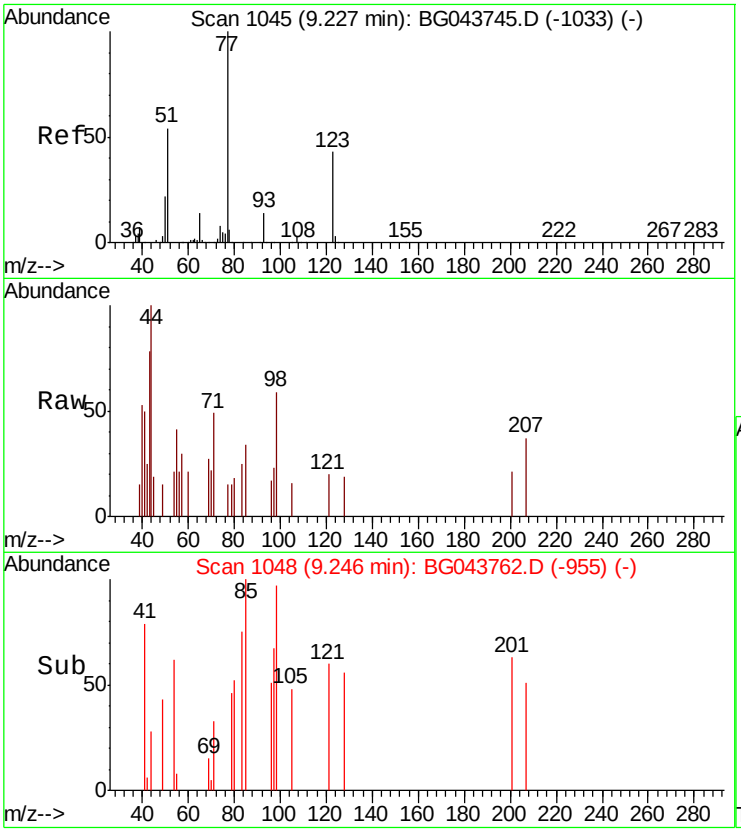


#23
Nitrobenzene-d5
Concen: 93.083 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 82 Resp: 305107

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	53.5	42.7	64.1



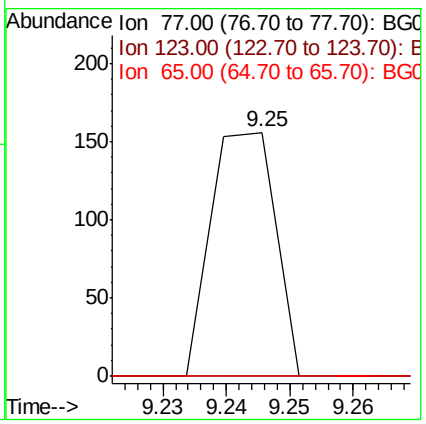


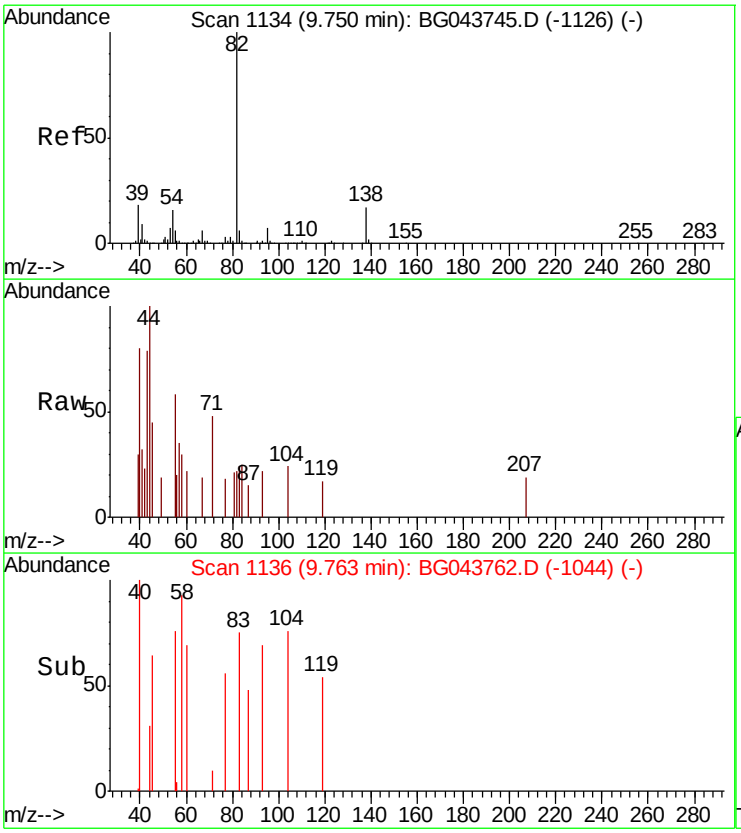
#24
Nitrobenzene
Concen: 0.032 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 109

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

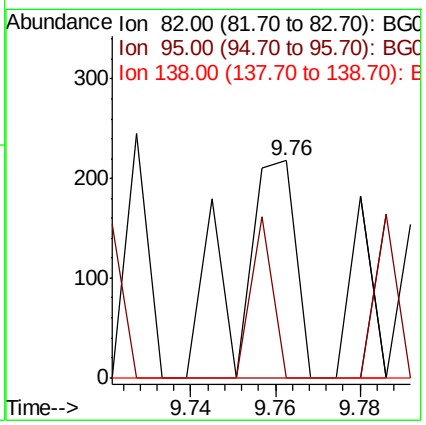


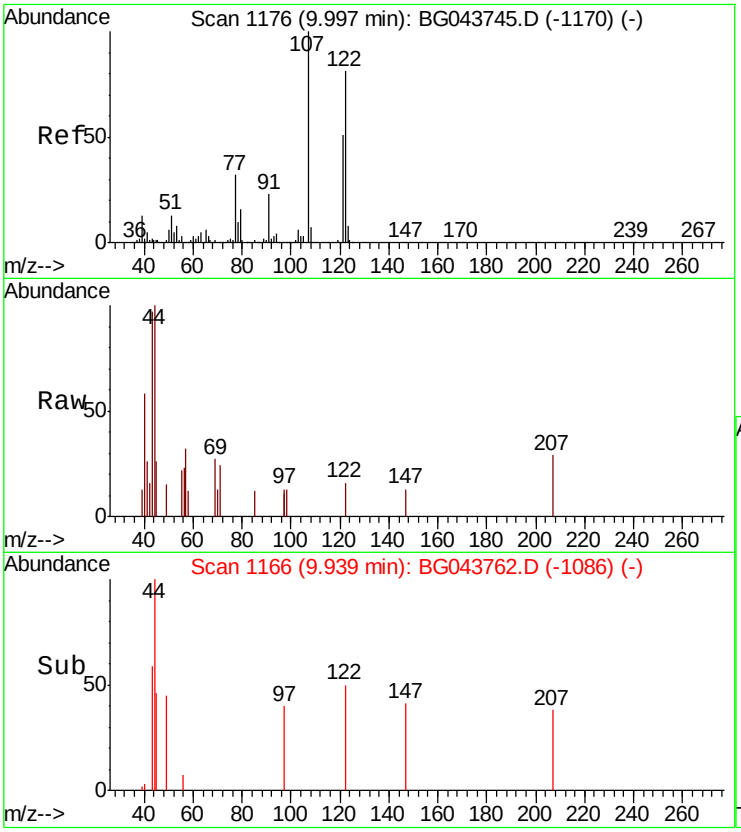


#25
Isophorone
Concen: 0.030 ng
RT: 9.76 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 82 Resp: 214

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



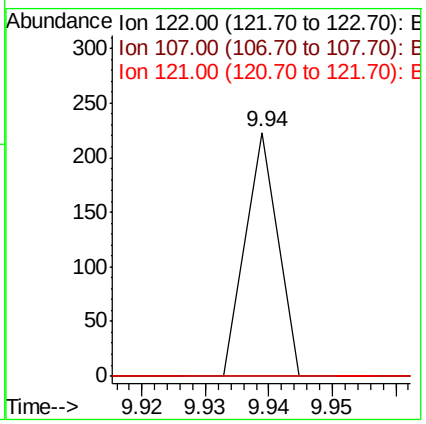


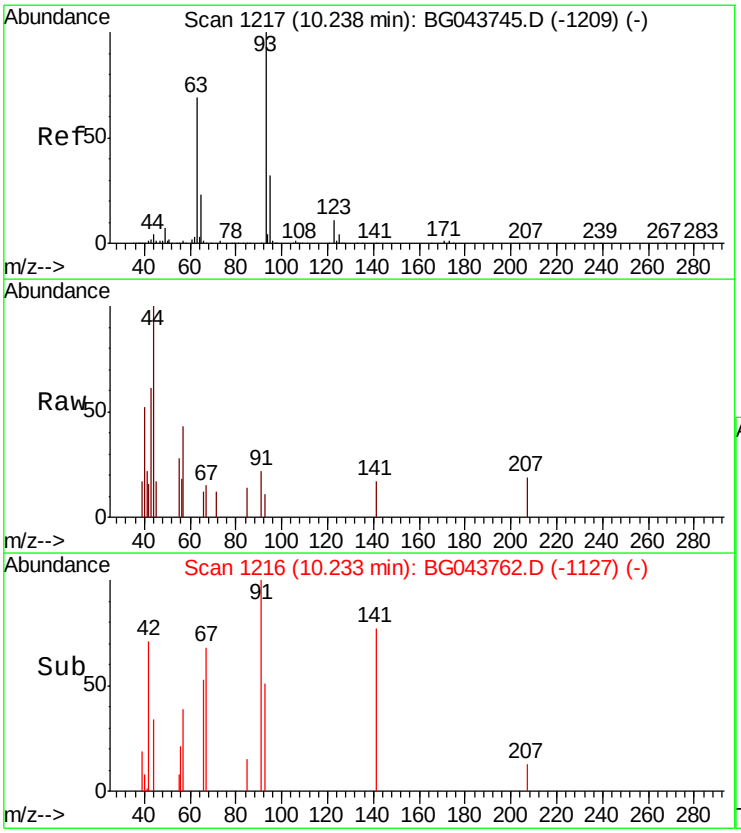
#27
2,4-Dimethylphenol
Concen: 0.033 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 79

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

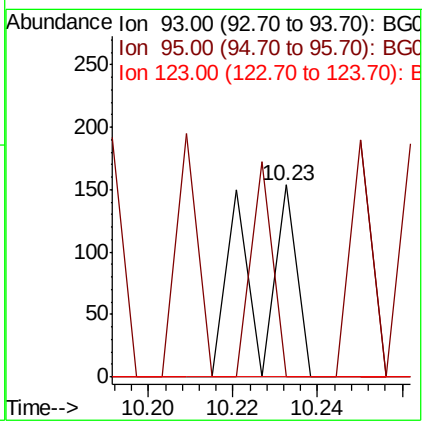


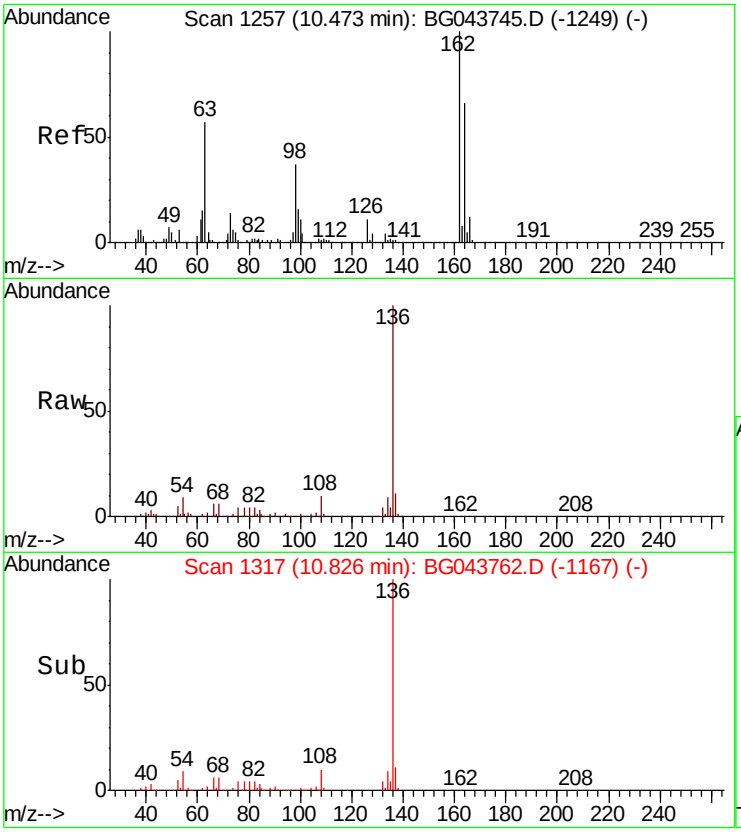


#28
bis(2-Chloroethoxy)methane
Concen: 0.025 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 93 Resp: 107

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



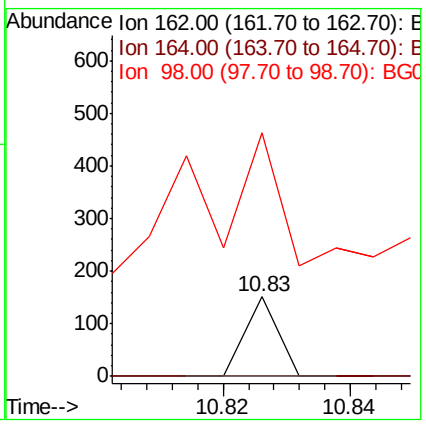


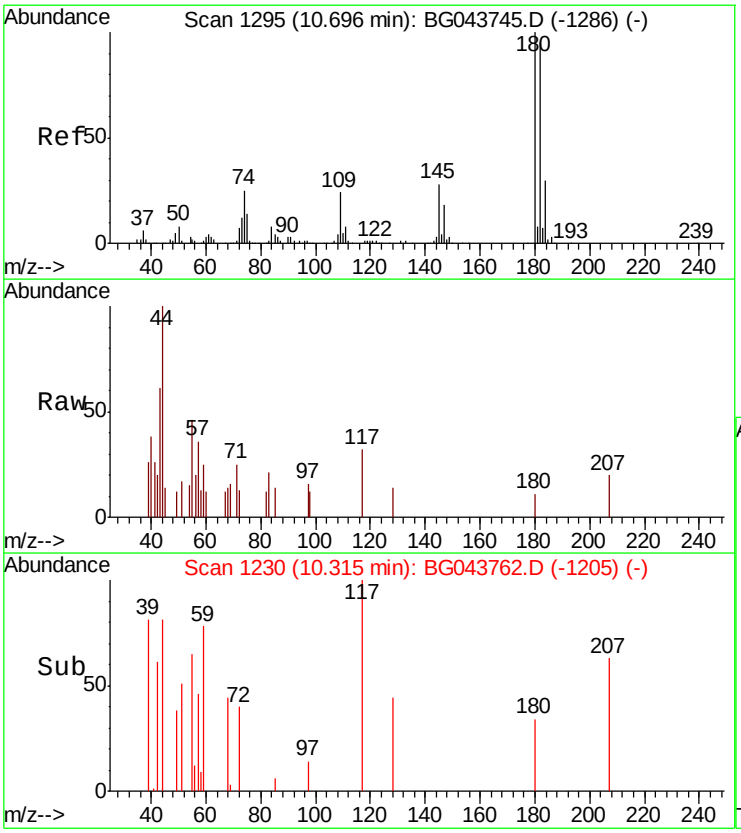
#29
2,4-Dichlorophenol
Concen: 0.018 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.35 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 53

Ion	Ratio	Lower	Upper
162	100		
164	0.0	46.4	86.4#
98	306.6	17.3	57.3#

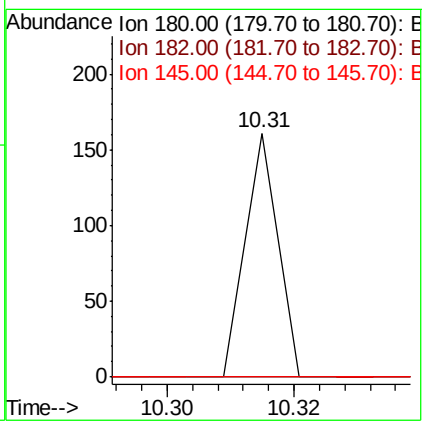


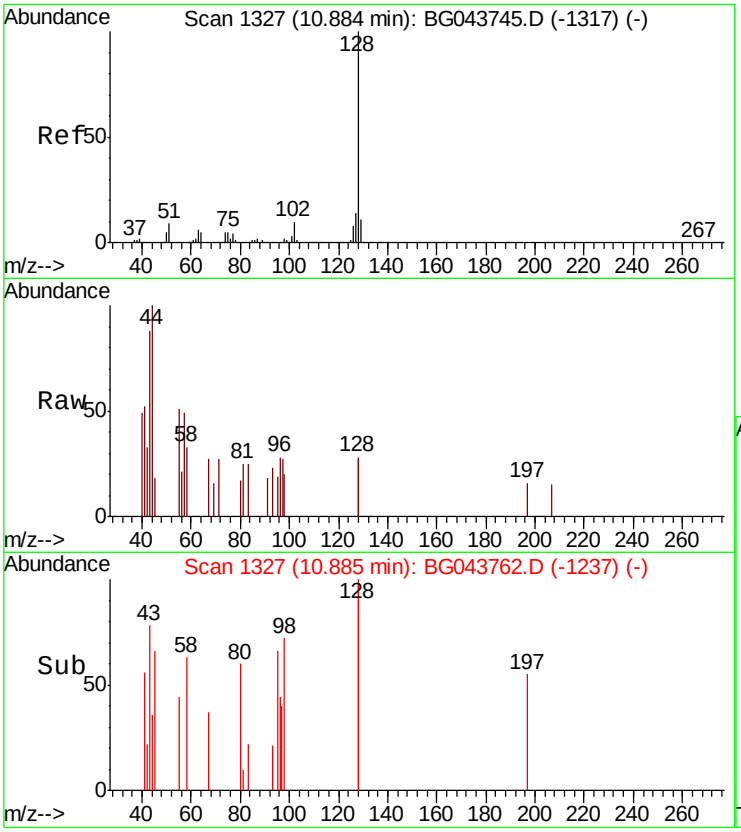


#30
1,2,4-Trichlorobenzene
Concen: 0.017 ng
RT: 10.31 min Scan# 1230
Delta R.T. -0.38 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:180 Resp: 57

Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.8	113.6#
145	0.0	22.5	33.7#



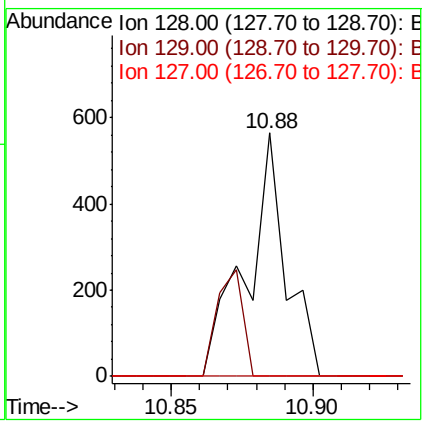


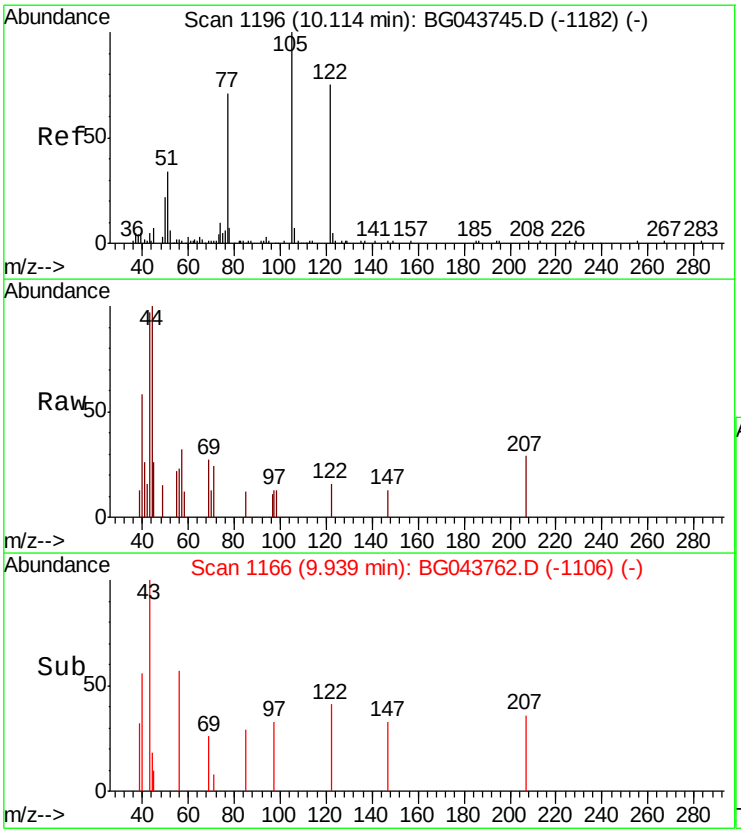
#31
Naphthalene
Concen: 0.061 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 548

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

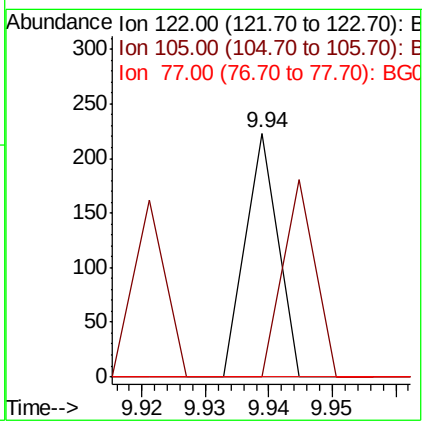


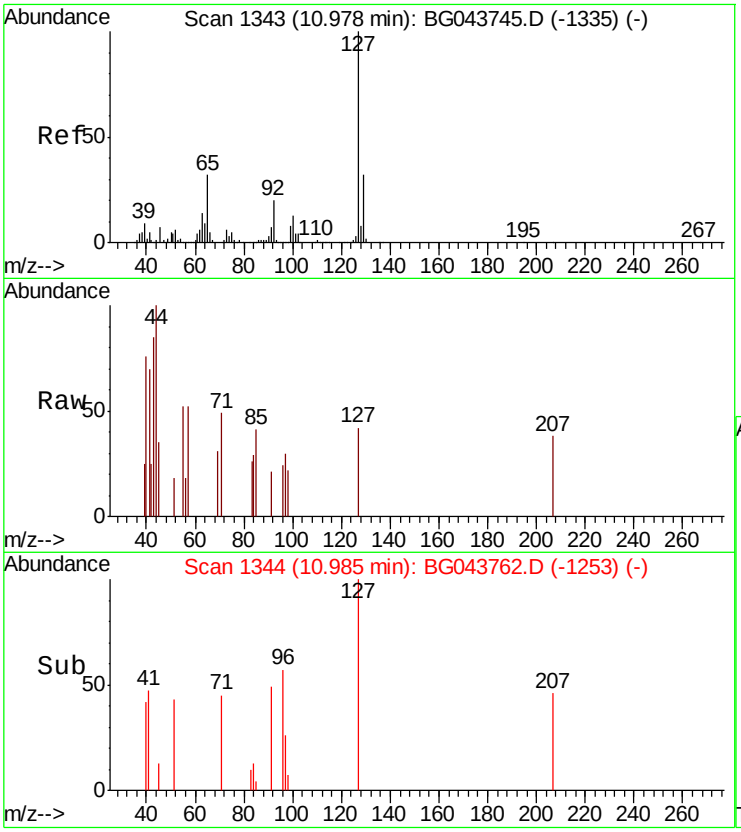


#32
Benzoic acid
Concen: 0.046 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.18 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:122 Resp: 79

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



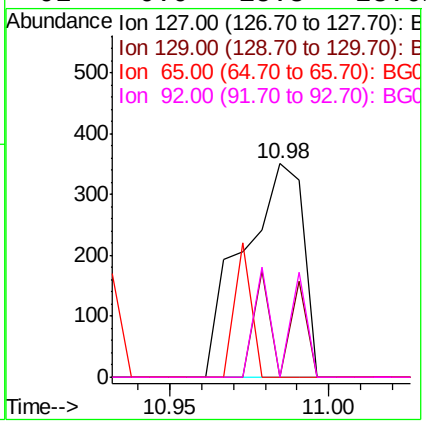


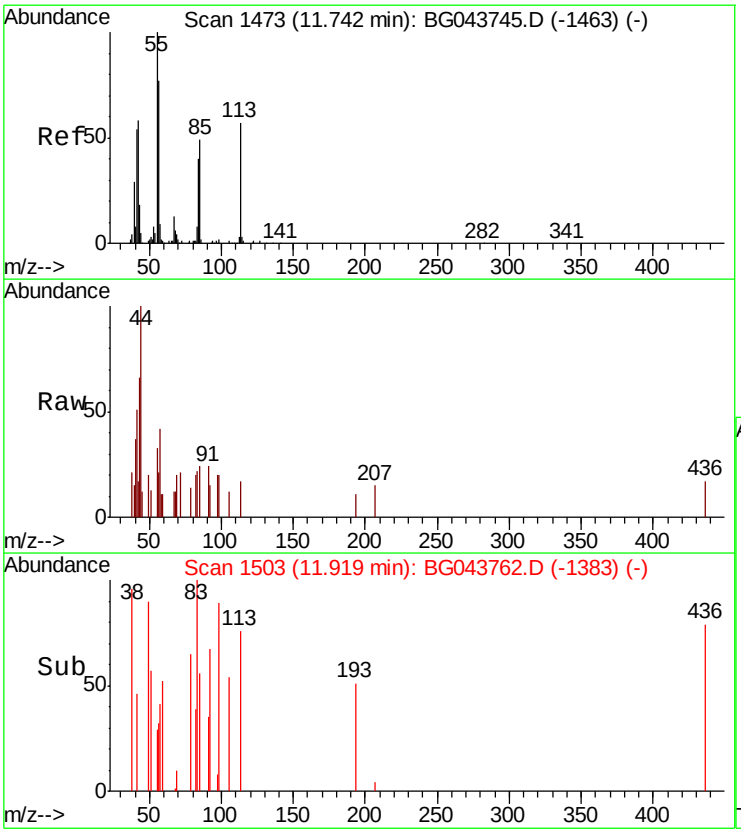
#33
4-Chloroaniline
Concen: 0.108 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 464

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	0.0	25.8	38.8#
92	0.0	15.8	23.6#

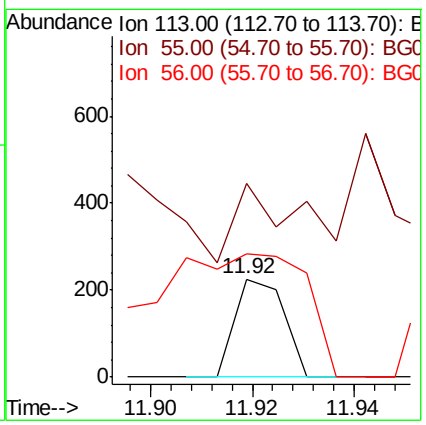


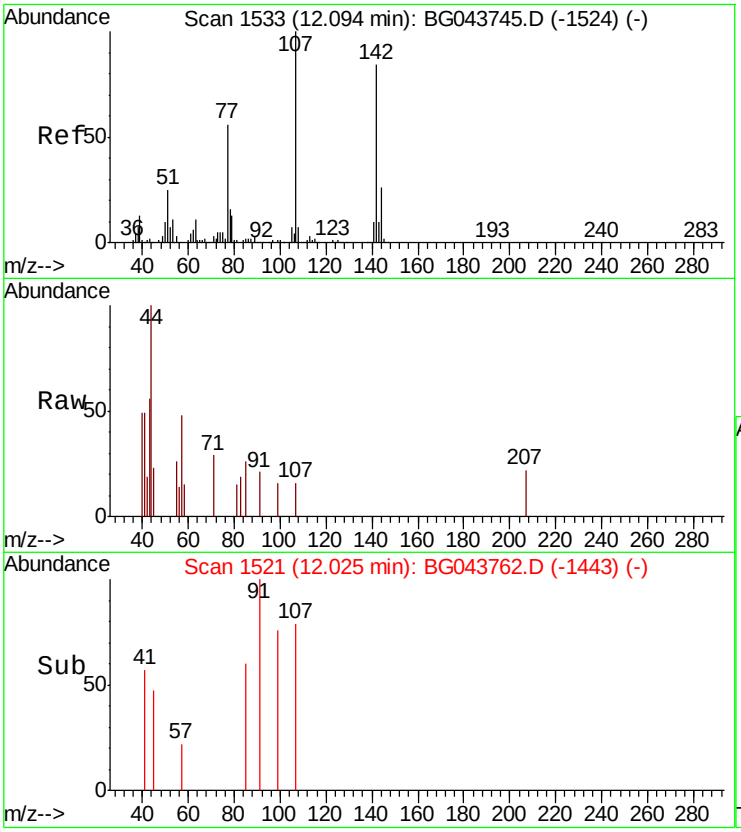


#35
Caprolactam
Concen: 0.127 ng
RT: 11.92 min Scan# 1503
Delta R.T. 0.18 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:113 Resp: 150

Ion	Ratio	Lower	Upper
113	100		
55	197.3	160.9	200.9
56	125.3	116.8	156.8



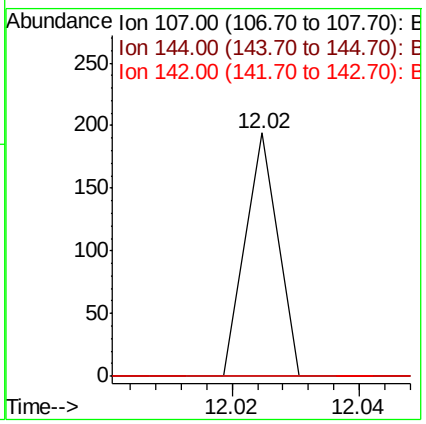


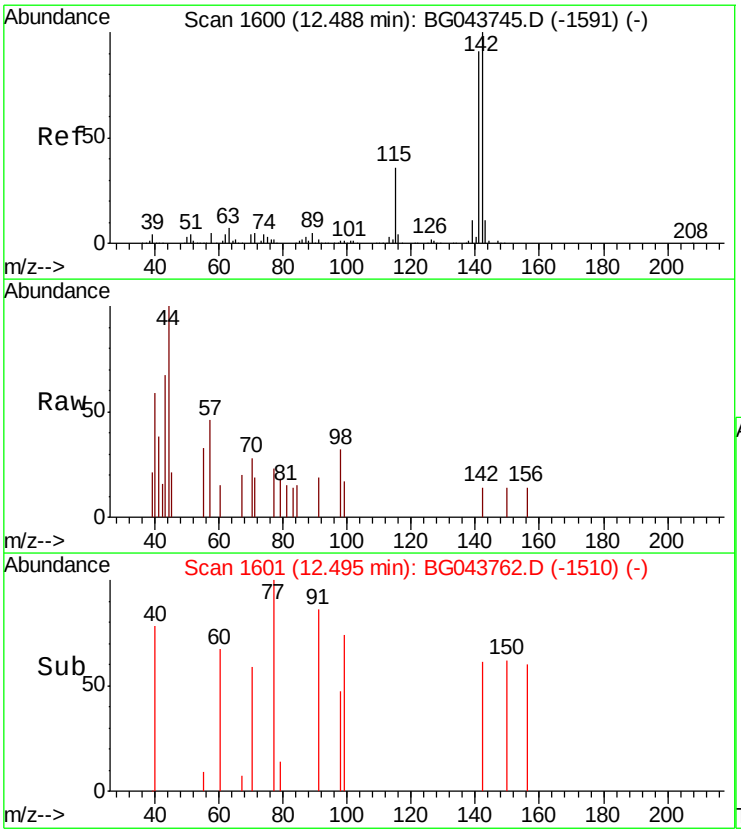
#36
4-Chloro-3-methylphenol
Concen: 0.021 ng
RT: 12.02 min Scan# 1521
Delta R.T. -0.07 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 68

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

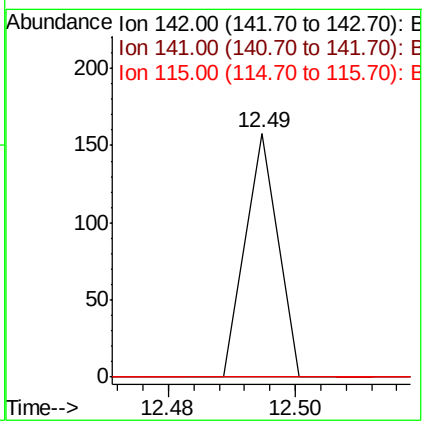


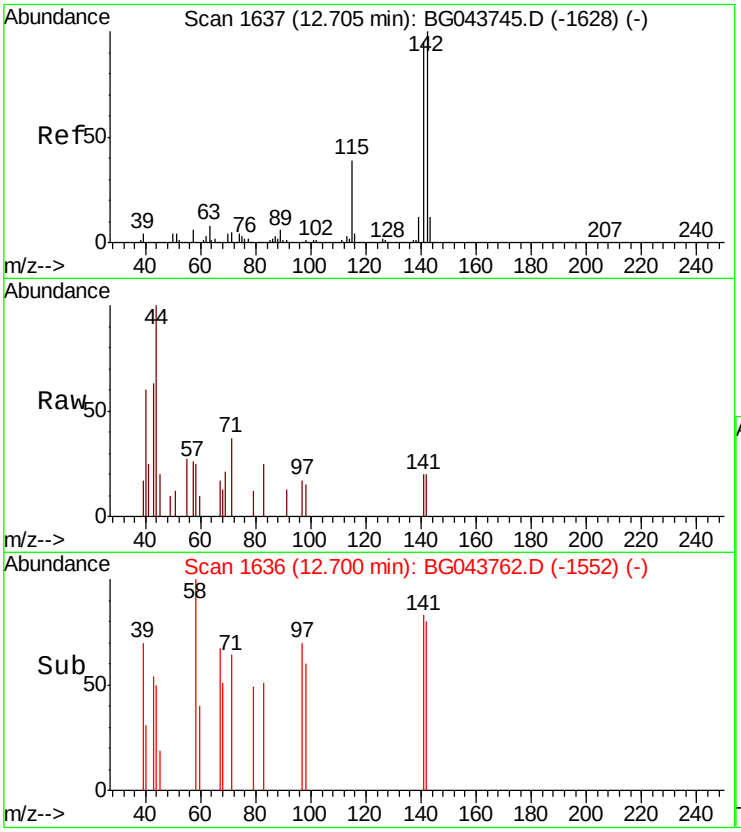


#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 12.49 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:142 Resp: 56

Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.8	109.2#
115	0.0	28.9	43.3#



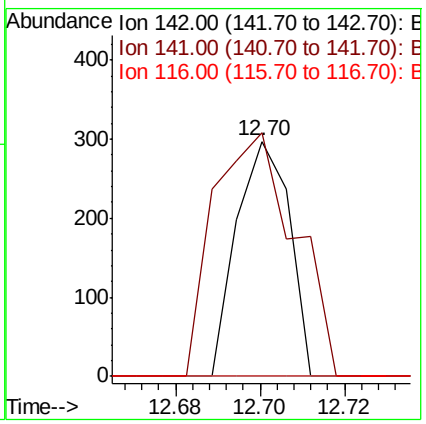


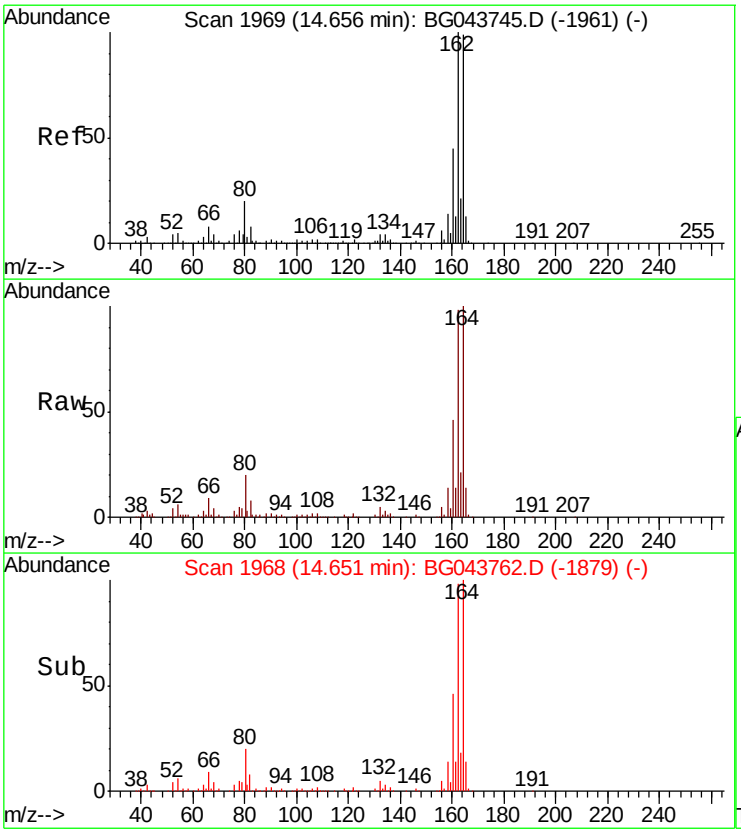
#38
1-Methylnaphthalene
Concen: 0.040 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 258

Ion	Ratio	Lower	Upper
142	100		
141	103.7	75.8	113.8
116	0.0	3.4	5.0#

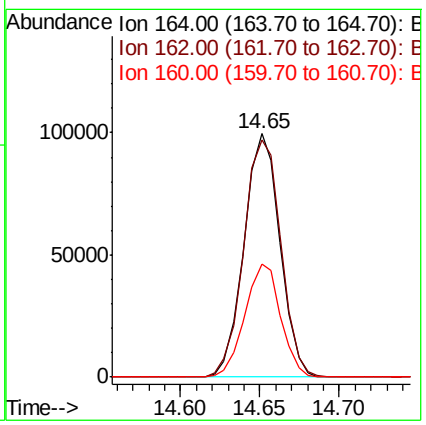


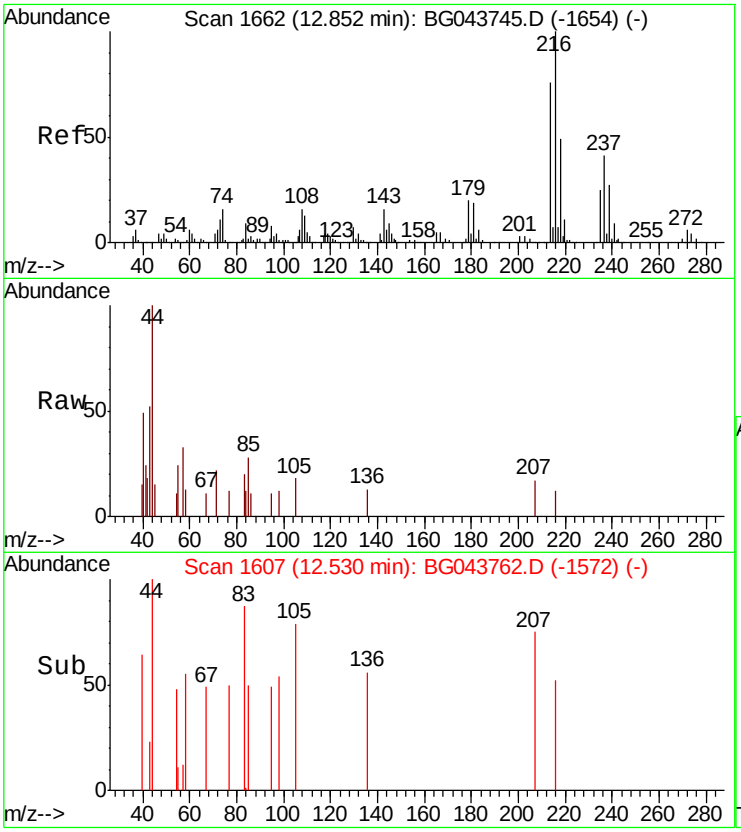


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:164 Resp: 156721

Ion	Ratio	Lower	Upper
164	100		
162	97.6	80.6	121.0
160	46.3	36.3	54.5



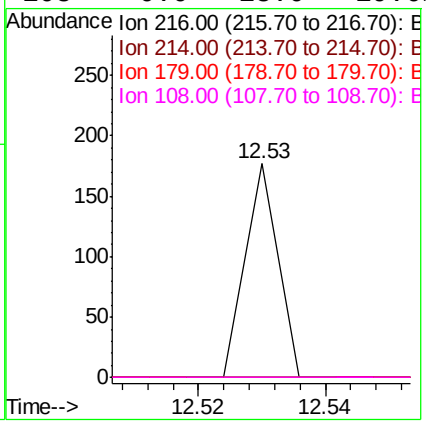


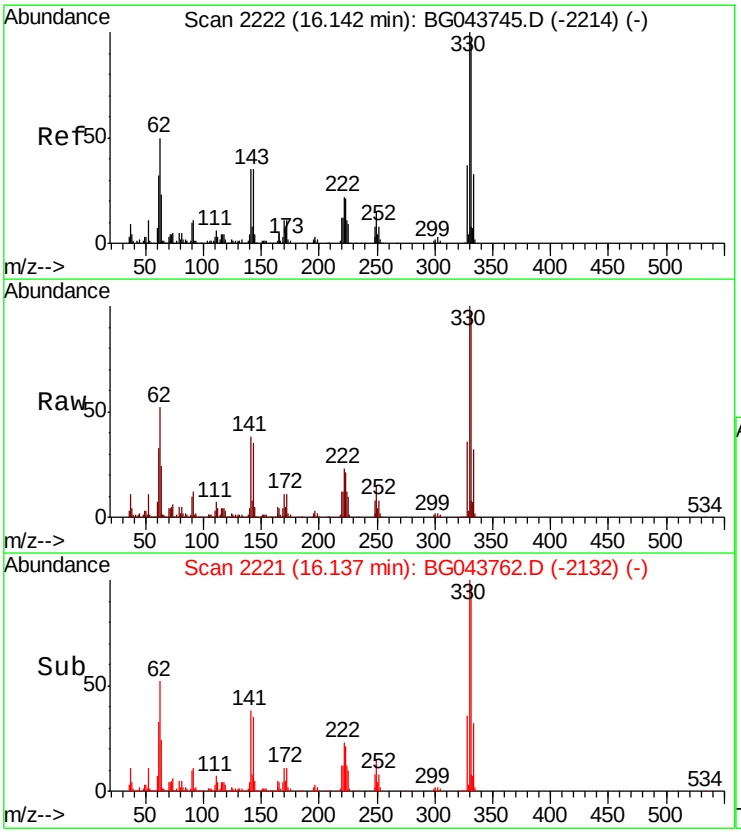
#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.012 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.32 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 62

Ion	Ratio	Lower	Upper
216	100		
214	0.0	62.0	93.0#
179	0.0	16.3	24.5#
108	0.0	13.0	19.6#

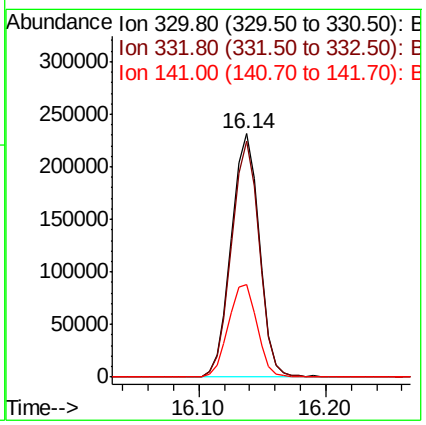


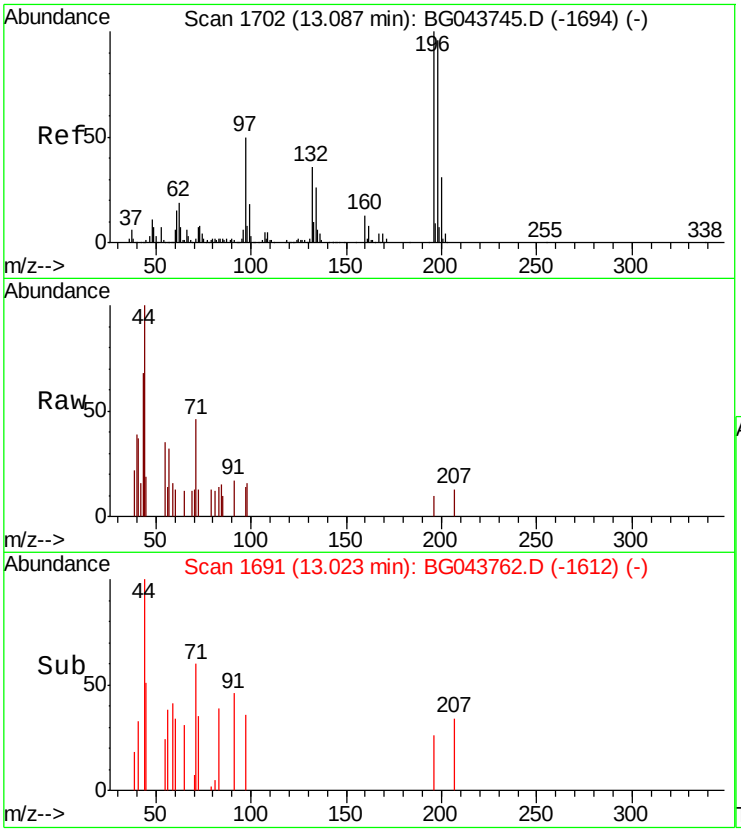


#42
2,4,6-Tribromophenol
Concen: 187.442 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:330 Resp: 354321

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	39.0	31.4	47.2



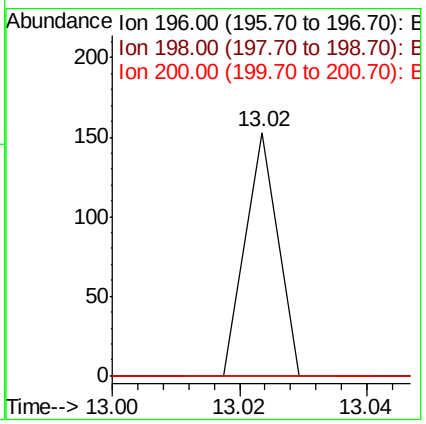


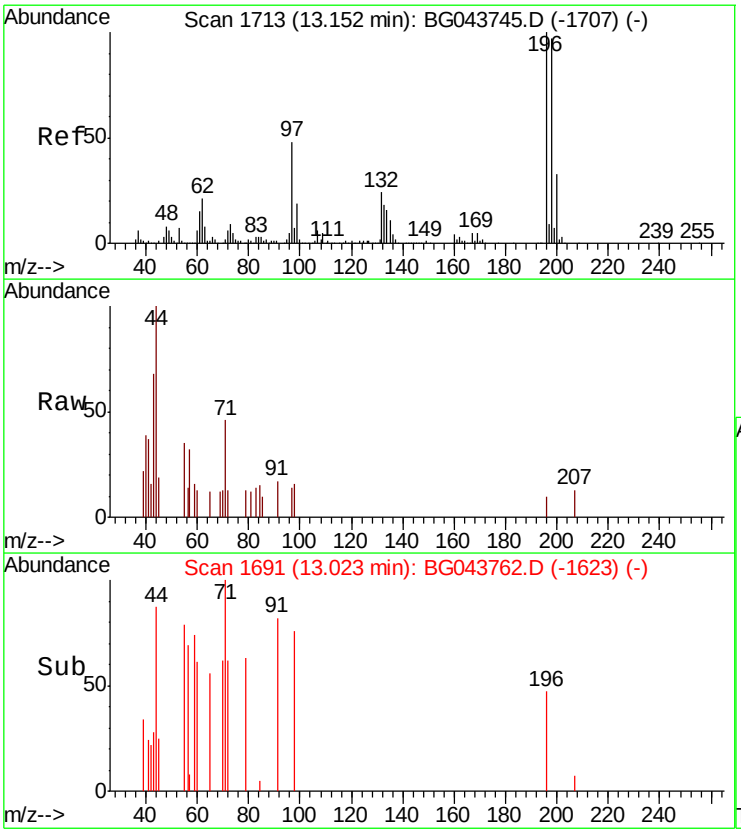
#43
2,4,6-Trichlorophenol
Concen: 0.017 ng
RT: 13.02 min Scan# 1691
Delta R.T. -0.06 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 54

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.5	114.7#
200	0.0	24.6	36.8#

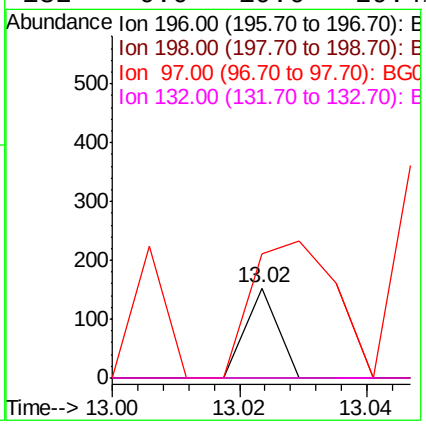


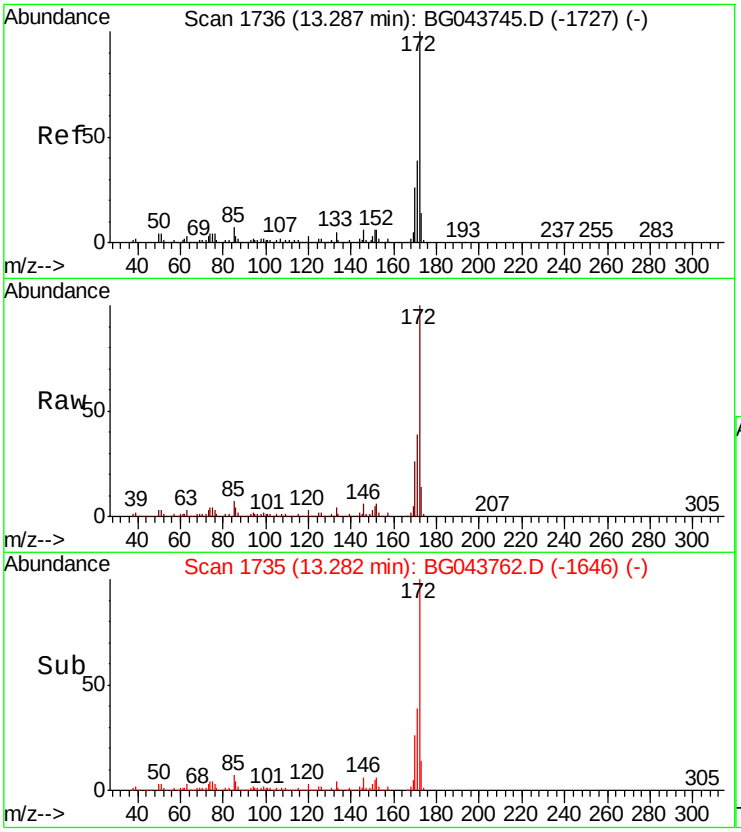


#44
2,4,5-Trichlorophenol
Concen: 0.016 ng
RT: 13.02 min Scan# 1691
Delta R.T. -0.13 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:196 Resp: 54

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
97	137.3	39.1	58.7#
132	0.0	19.6	29.4#



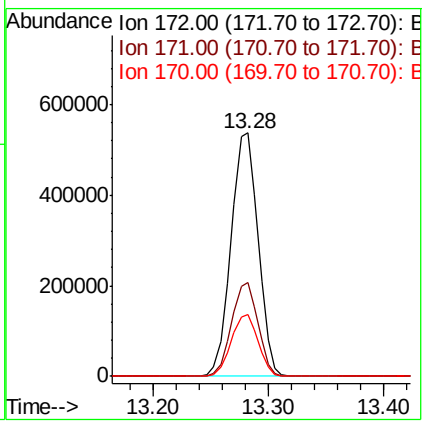


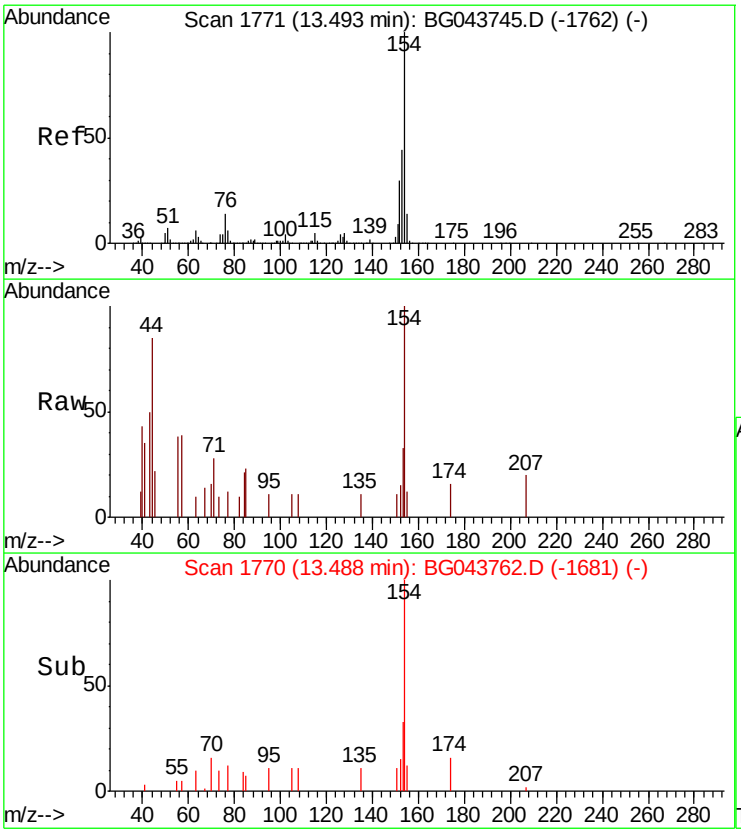
#45
2-Fluorobiphenyl
Concen: 91.441 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 871806

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.6
170	25.6	21.0	31.4

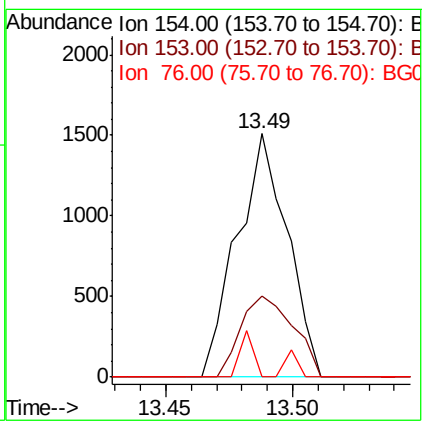


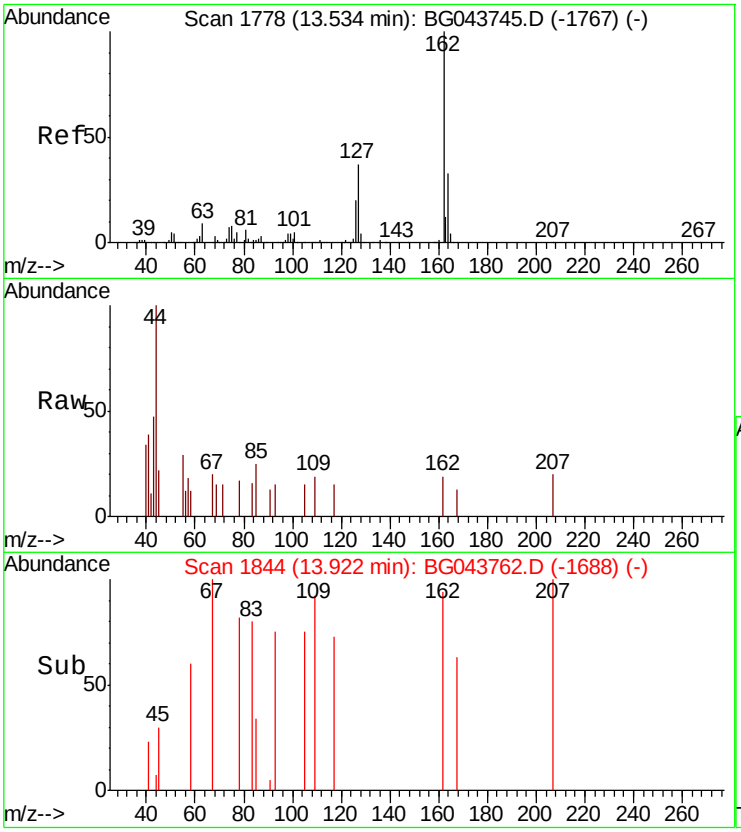


#46
1,1'-Biphenyl
Concen: 0.192 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:154 Resp: 2087

Ion	Ratio	Lower	Upper
154	100		
153	33.4	23.5	63.5
76	0.0	0.0	33.6



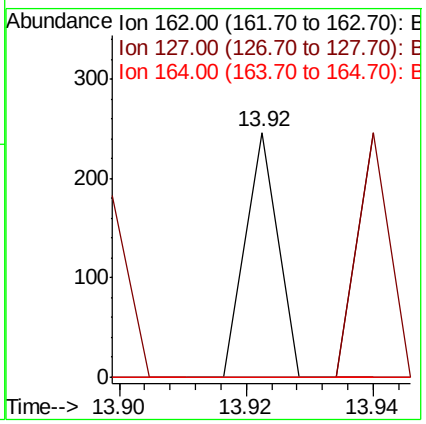


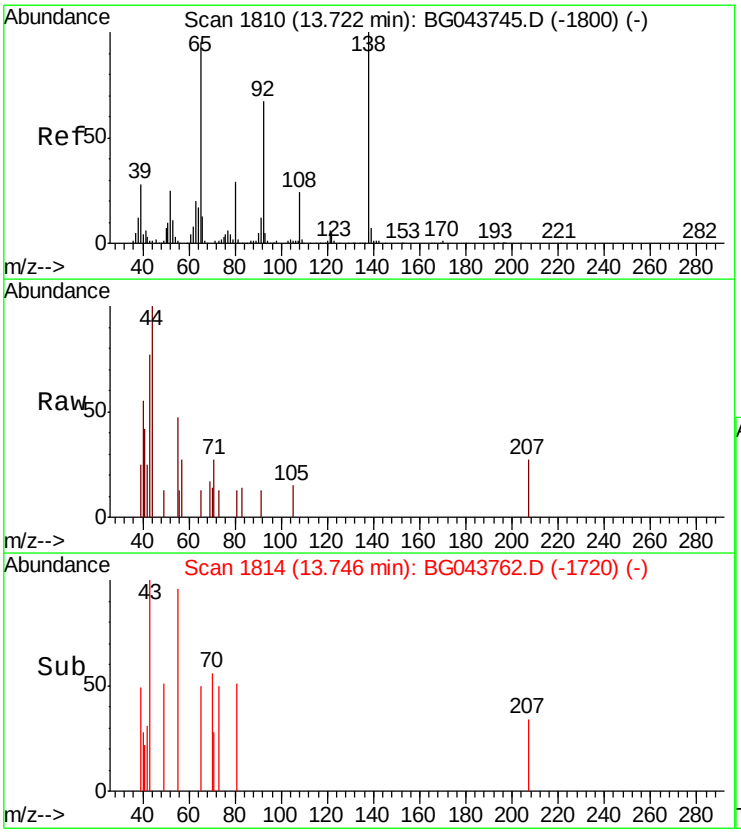
#47
2-Chloronaphthalene
Concen: 0.010 ng
RT: 13.92 min Scan# 1844
Delta R.T. 0.39 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 87

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

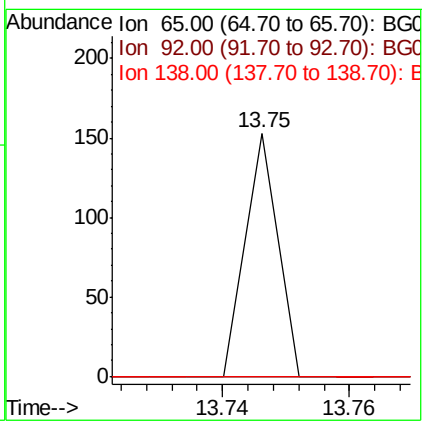


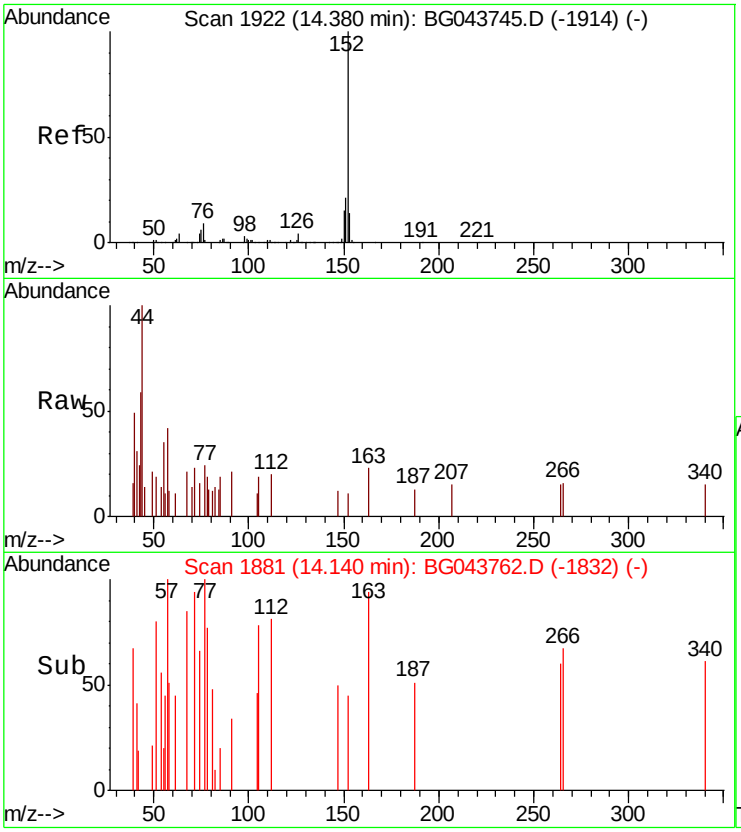


#48
2-Nitroaniline
Concen: 0.021 ng
RT: 13.75 min Scan# 1814
Delta R.T. 0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 65 Resp: 54

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



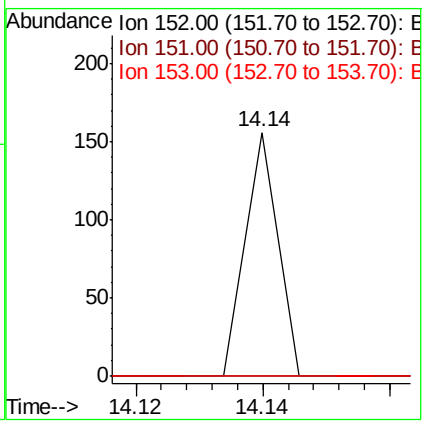


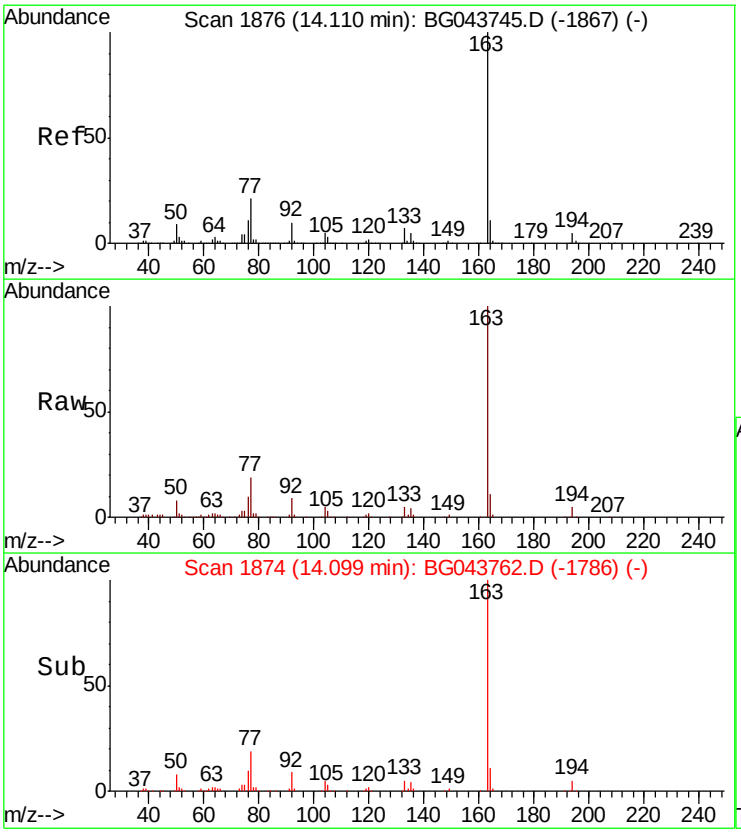
#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.24 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55

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

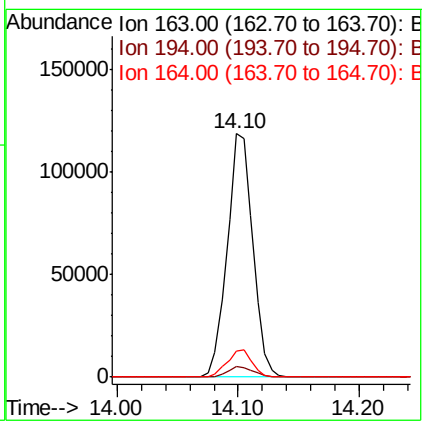


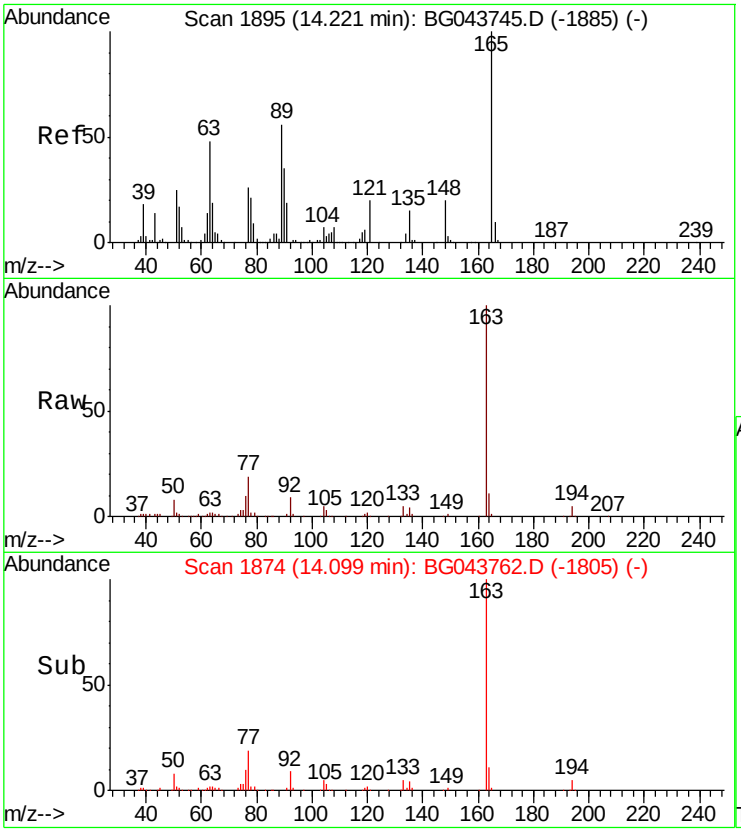


#50
Dimethylphthalate
Concen: 14.075 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:163 Resp: 174734

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.6	8.7	13.1



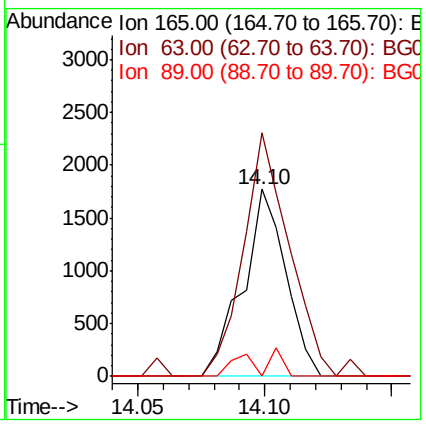


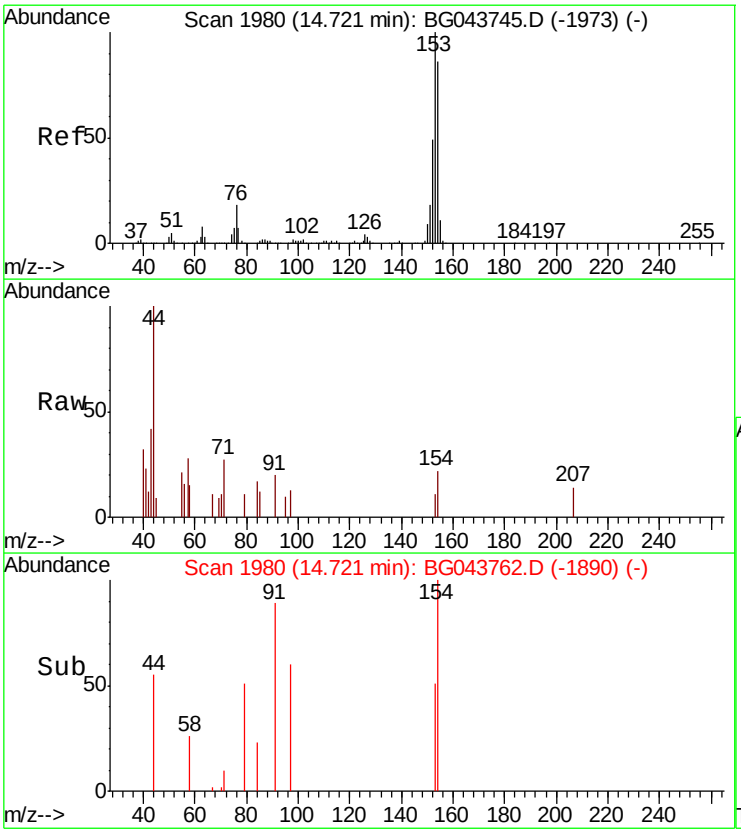
#51
2,6-Dinitrotoluene
Concen: 0.913 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.12 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 2106

Ion	Ratio	Lower	Upper
165	100		
63	130.3	43.4	65.2#
89	0.0	44.6	67.0#

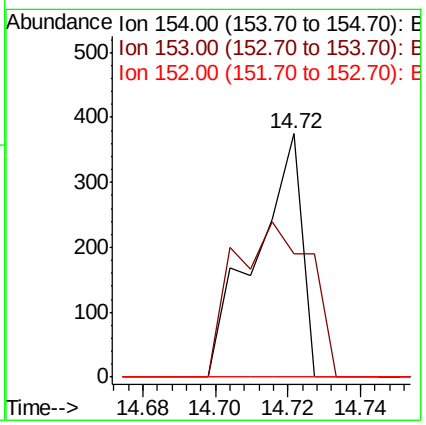


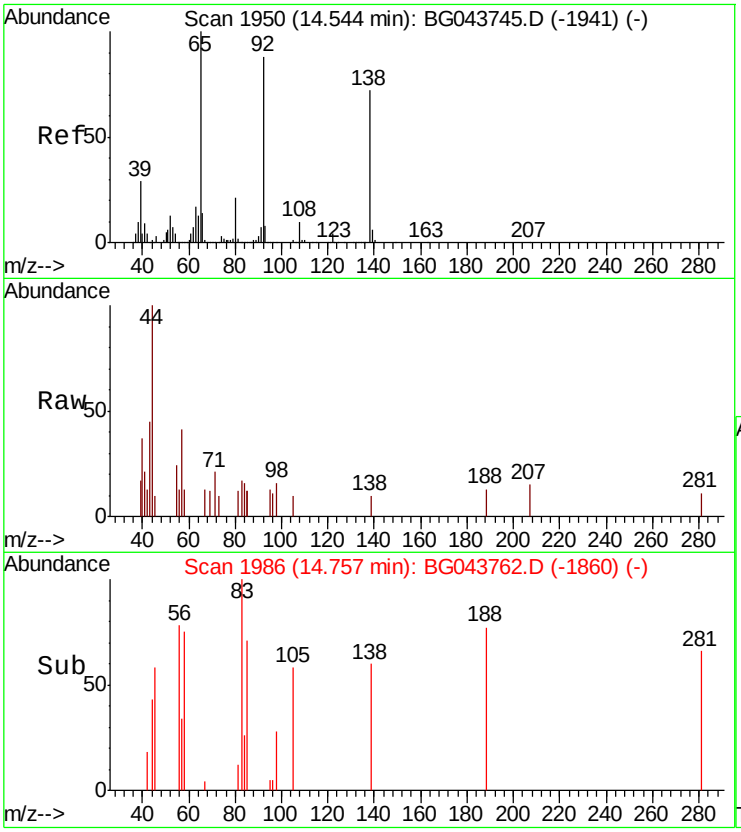


#52
Acenaphthene
Concen: 0.037 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:154 Resp: 333

Ion	Ratio	Lower	Upper
154	100		
153	50.7	92.9	139.3#
152	0.0	45.2	67.8#



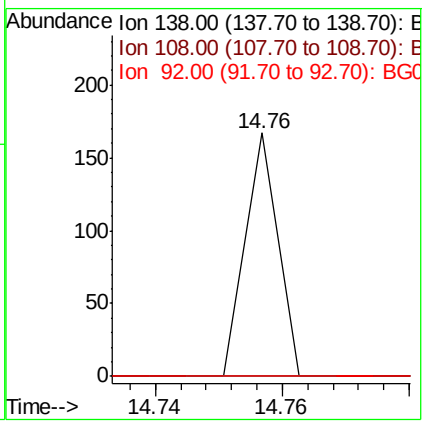


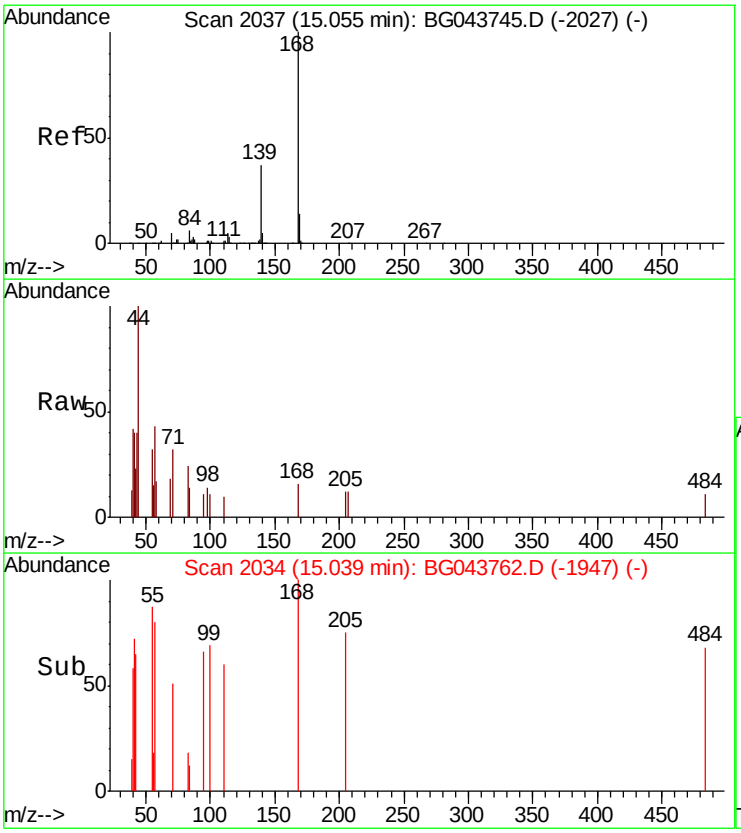
#53
3-Nitroaniline
Concen: 0.022 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.21 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
108	0.0	11.7	17.5#
92	0.0	97.2	145.8#

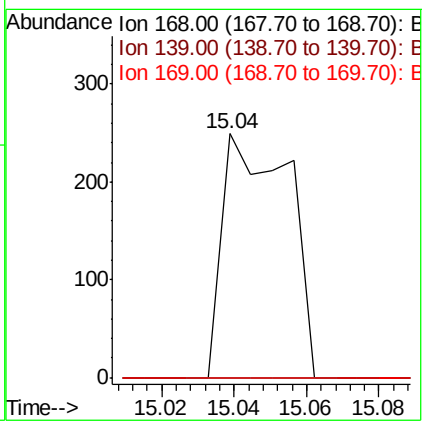


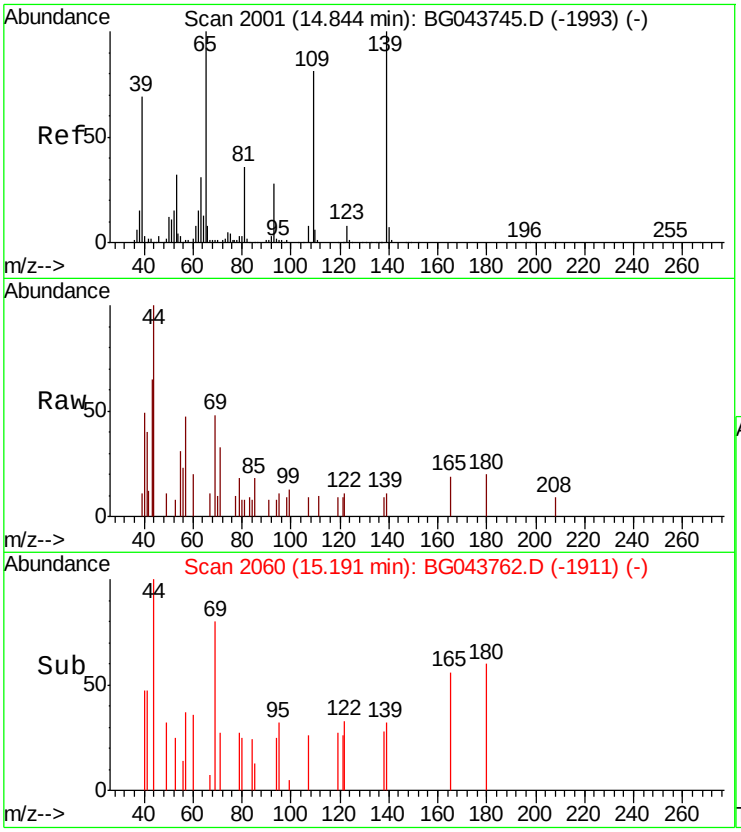


#55
Dibenzofuran
Concen: 0.023 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:168 Resp: 314

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



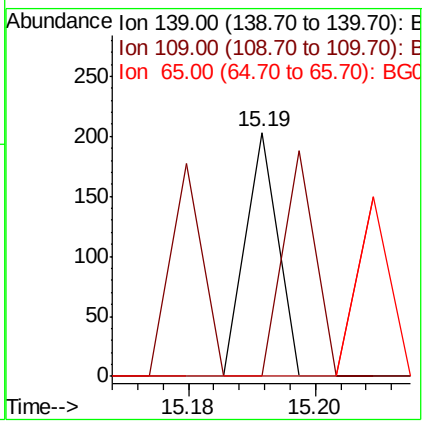


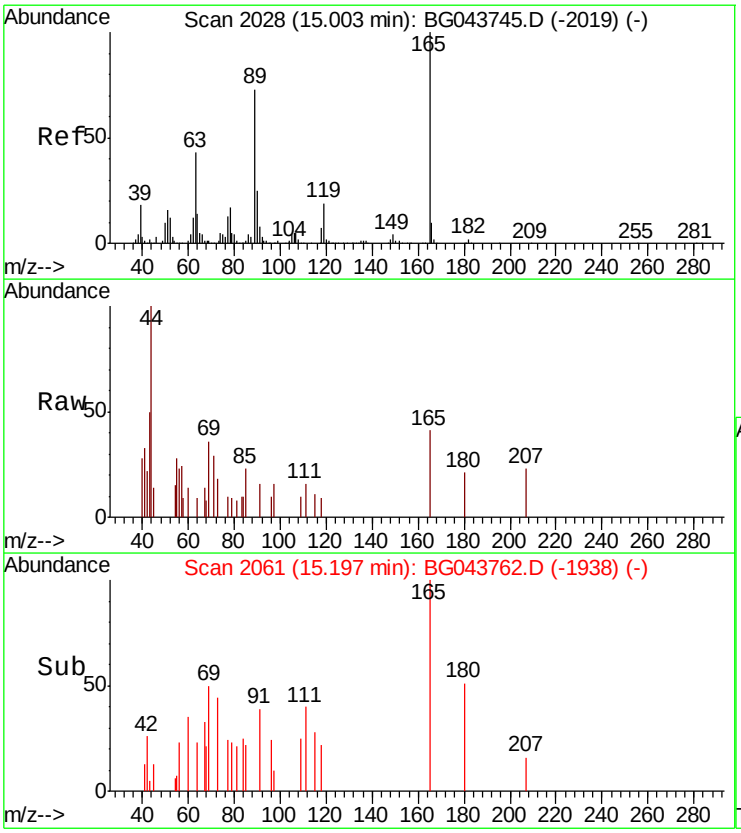
#56
4-Nitrophenol
Concen: 0.032 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.35 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 72

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

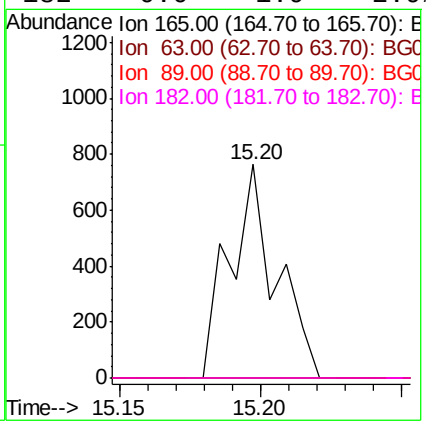


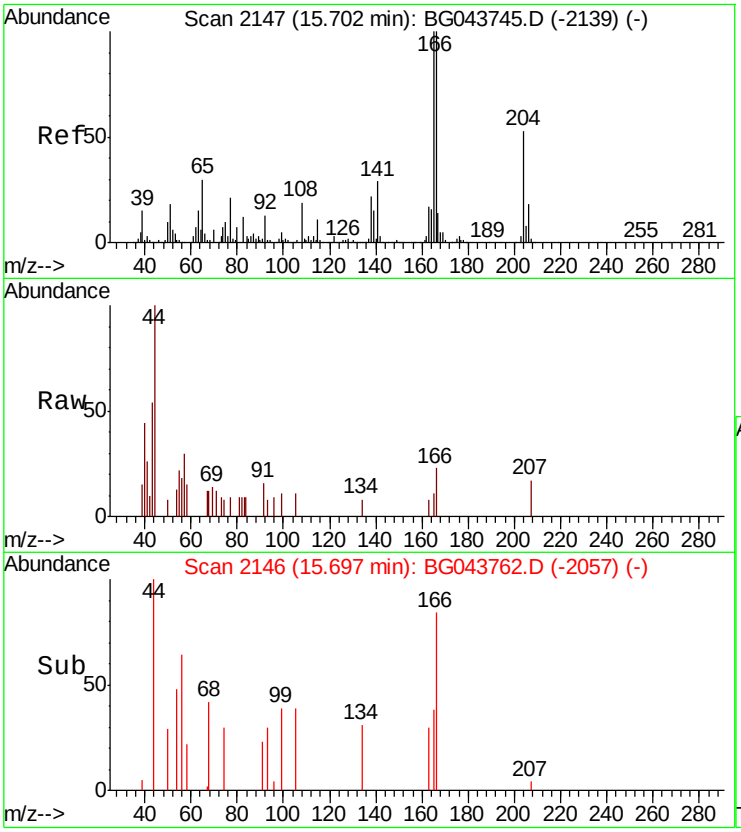


#57
2,4-Dinitrotoluene
Concen: 0.271 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.19 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:165 Resp: 868

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#



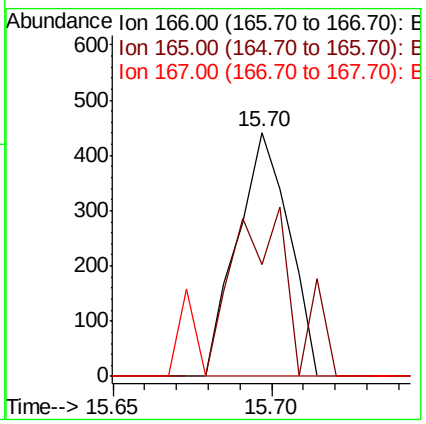


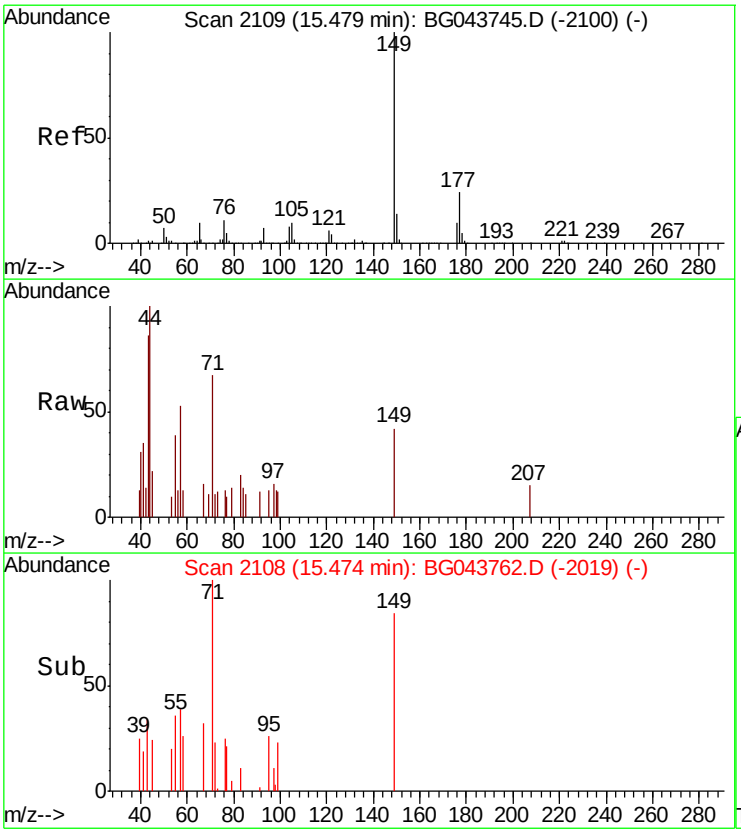
#58
Fluorene
Concen: 0.044 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 498

Ion	Ratio	Lower	Upper
166	100		
165	45.8	79.9	119.9#
167	0.0	11.4	17.0#

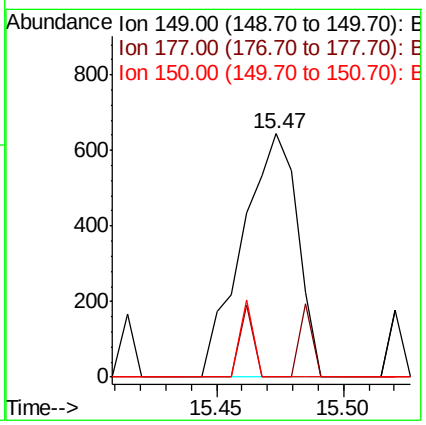


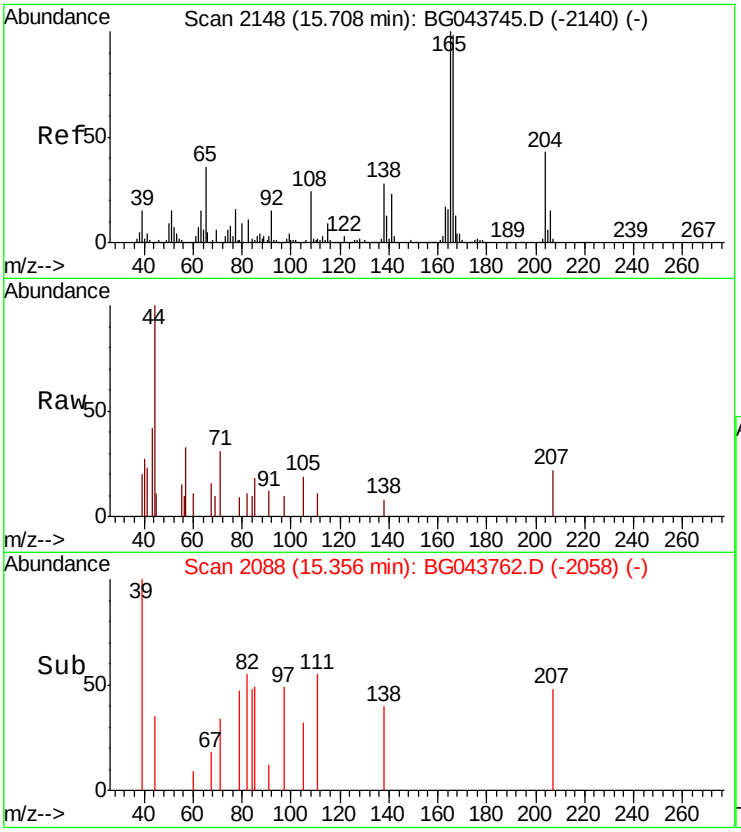


#60
Diethylphthalate
Concen: Below Cal
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:149 Resp: 978

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



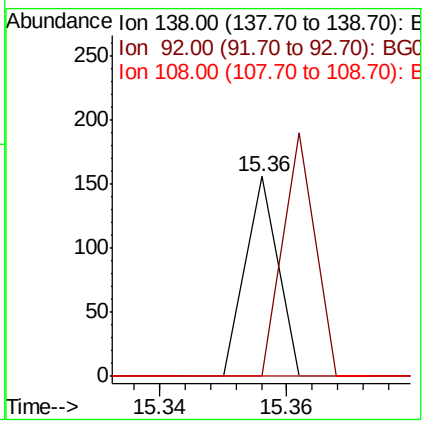


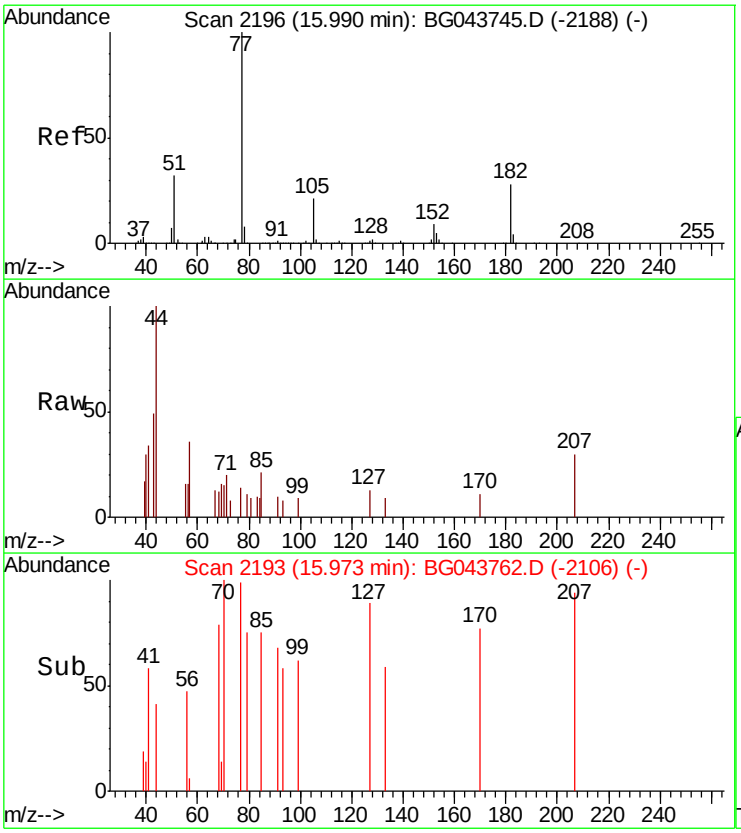
#62
4-Nitroaniline
Concen: 0.018 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.35 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 55

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

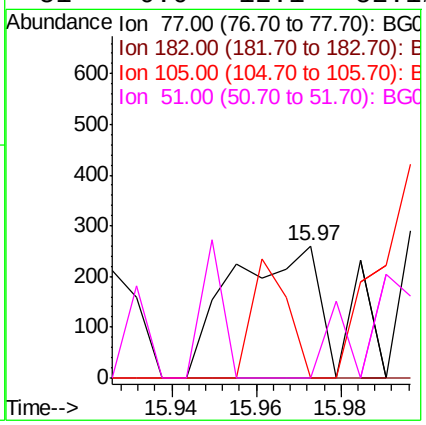


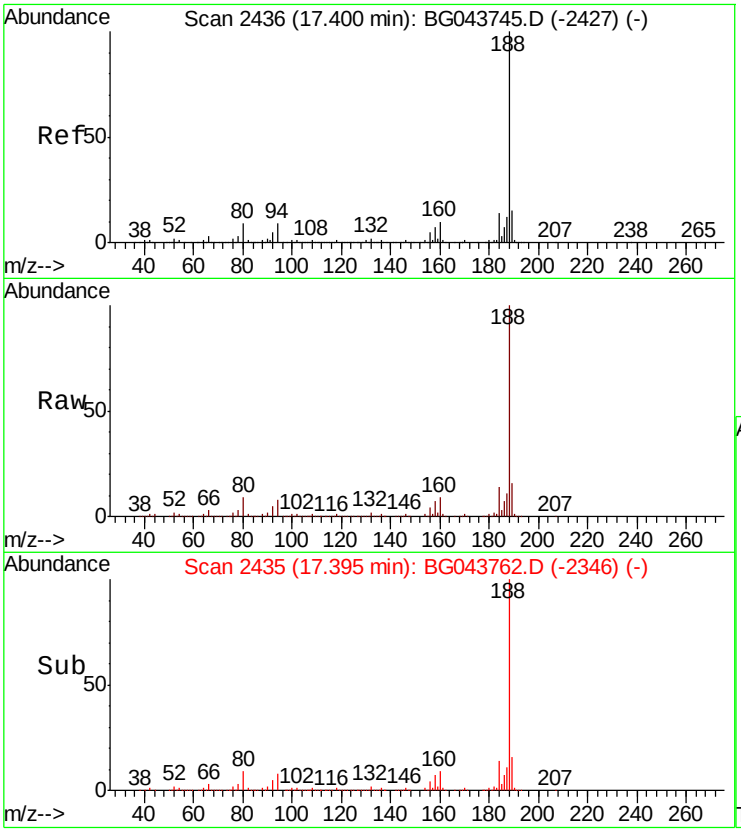


#63
Azobenzene
Concen: 0.032 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion: 77 Resp: 370

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



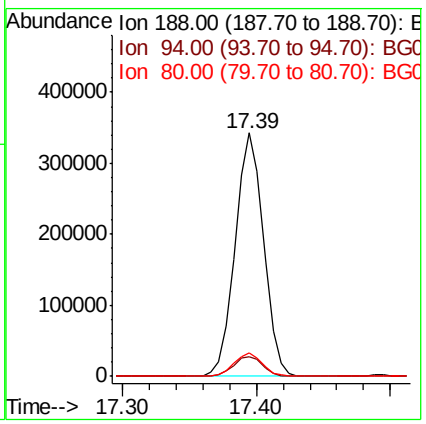


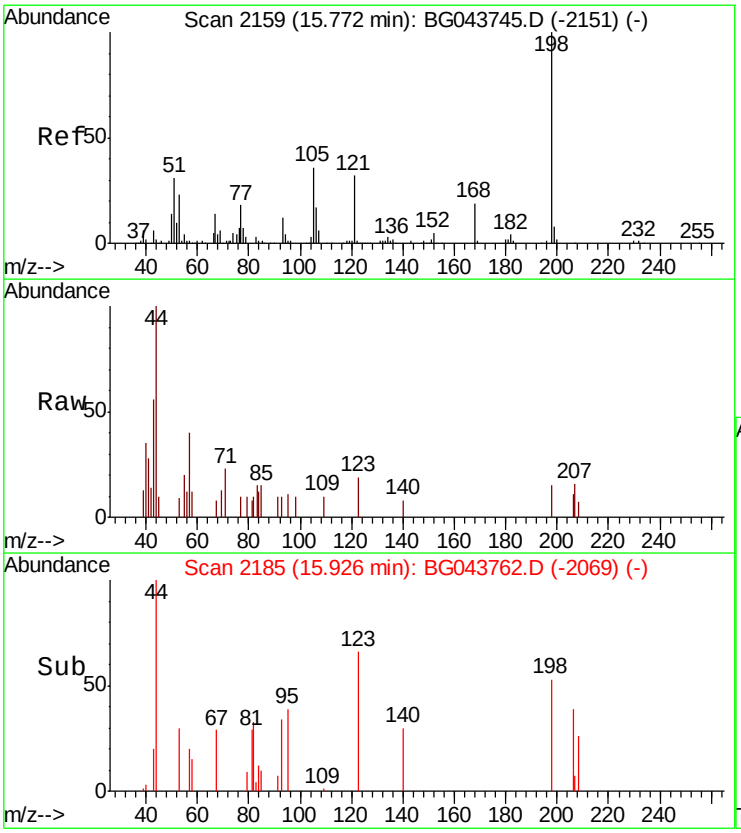
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 503823

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.4	7.5	11.3

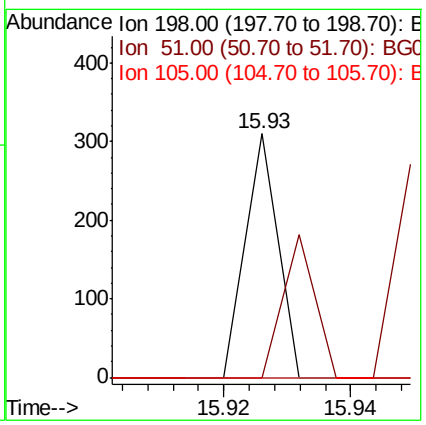


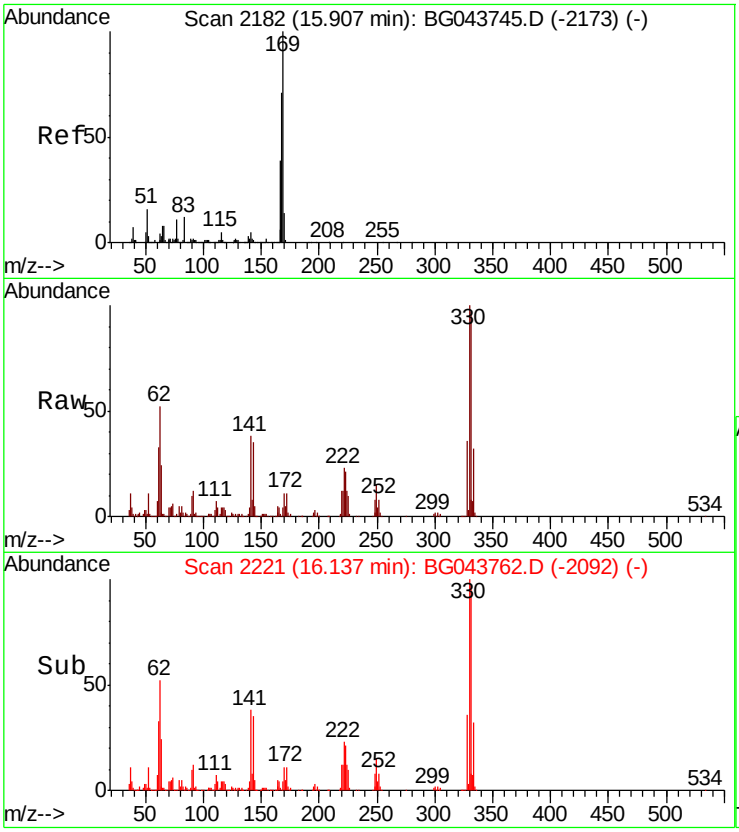


#65
4,6-Dinitro-2-methylphenol
Concen: 4.181 ng
RT: 15.93 min Scan# 2185
Delta R.T. 0.15 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:198 Resp: 109

Ion	Ratio	Lower	Upper
198	100		
51	0.0	16.8	56.8#
105	0.0	17.3	57.3#



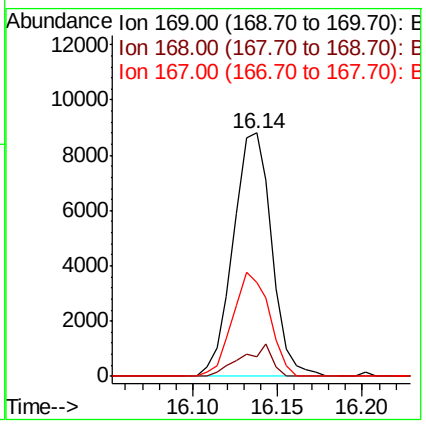


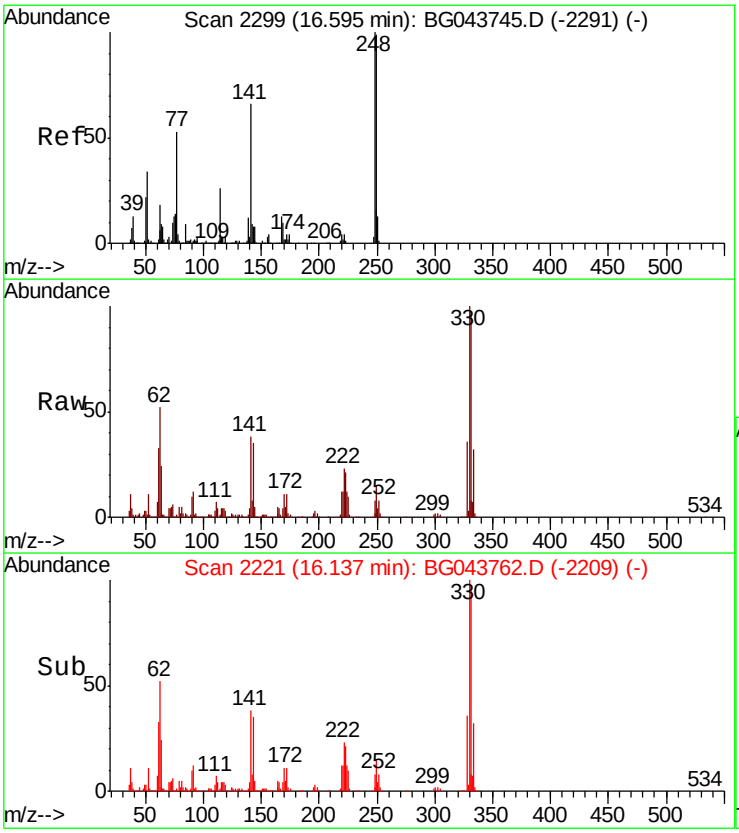
#66
n-Nitrosodiphenylamine
Concen: 1.047 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.23 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 13960

Ion	Ratio	Lower	Upper
169	100		
168	7.9	56.6	85.0#
167	38.5	30.8	46.2

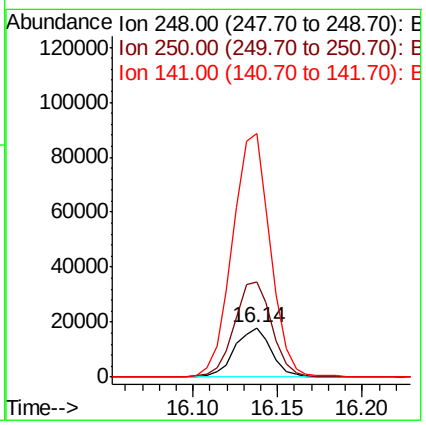


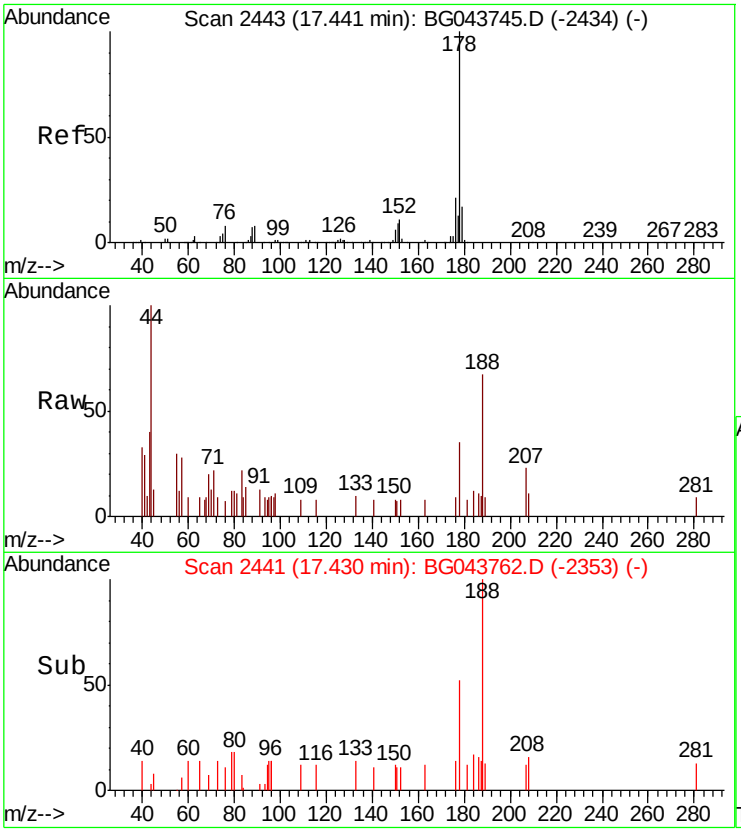


#67
4-Bromophenyl-phenylether
Concen: 5.065 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.46 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:248 Resp: 26911

Ion	Ratio	Lower	Upper
248	100		
250	193.3	79.3	118.9#
141	493.1	53.0	79.6#



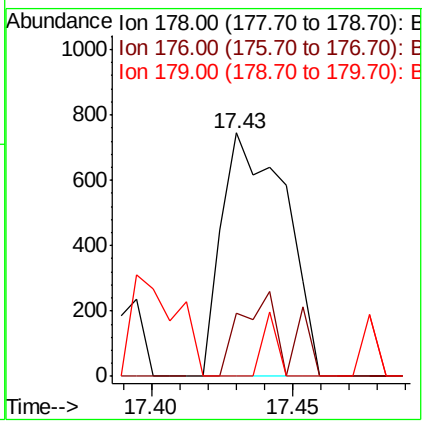


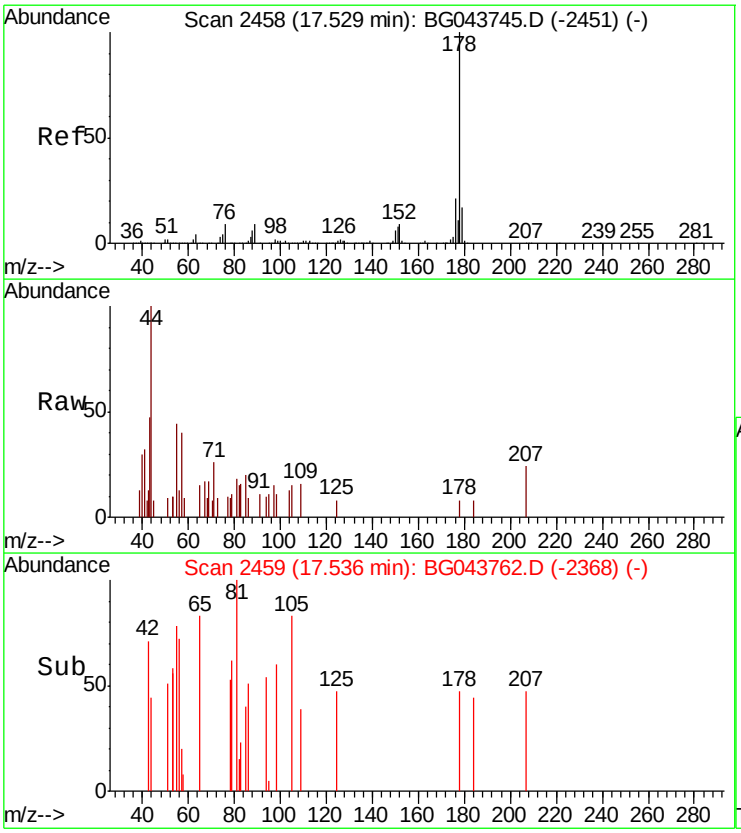
#71
Phenanthrene
Concen: 0.047 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1173

Ion	Ratio	Lower	Upper
178	100		
176	26.2	16.9	25.3#
179	0.0	13.5	20.3#

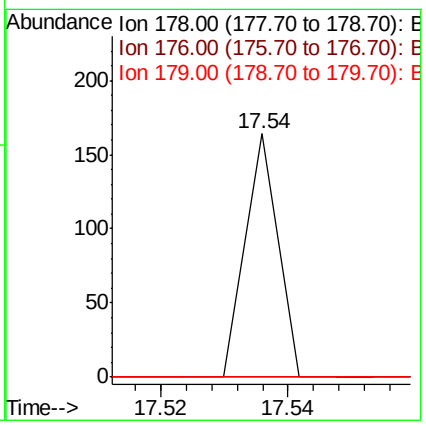


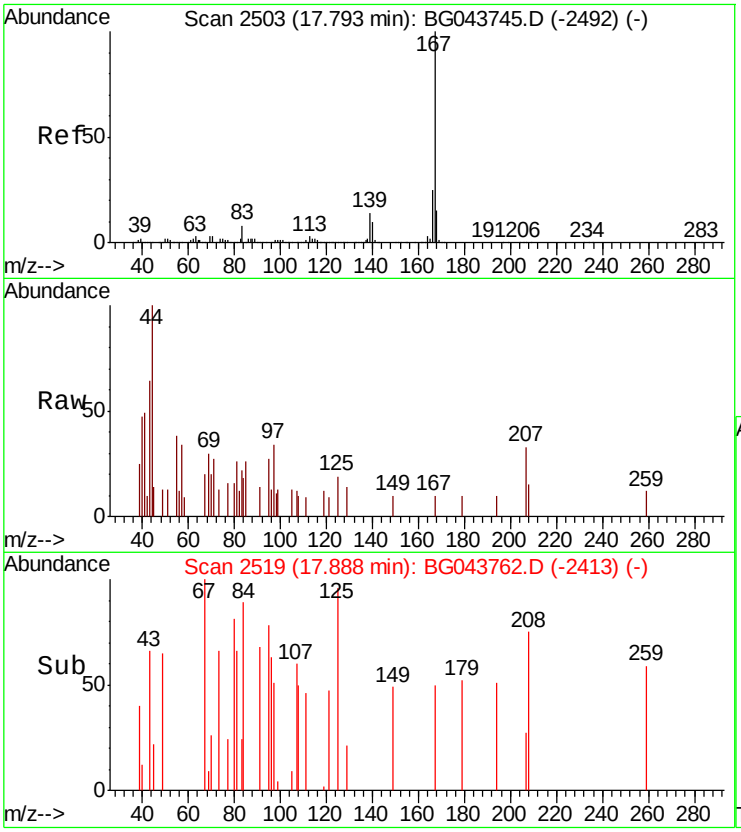


#72
Anthracene
Concen: 0.002 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:178 Resp: 58

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.5	24.7#
179	0.0	13.4	20.2#



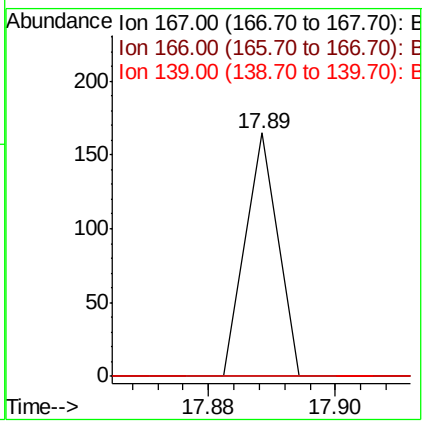


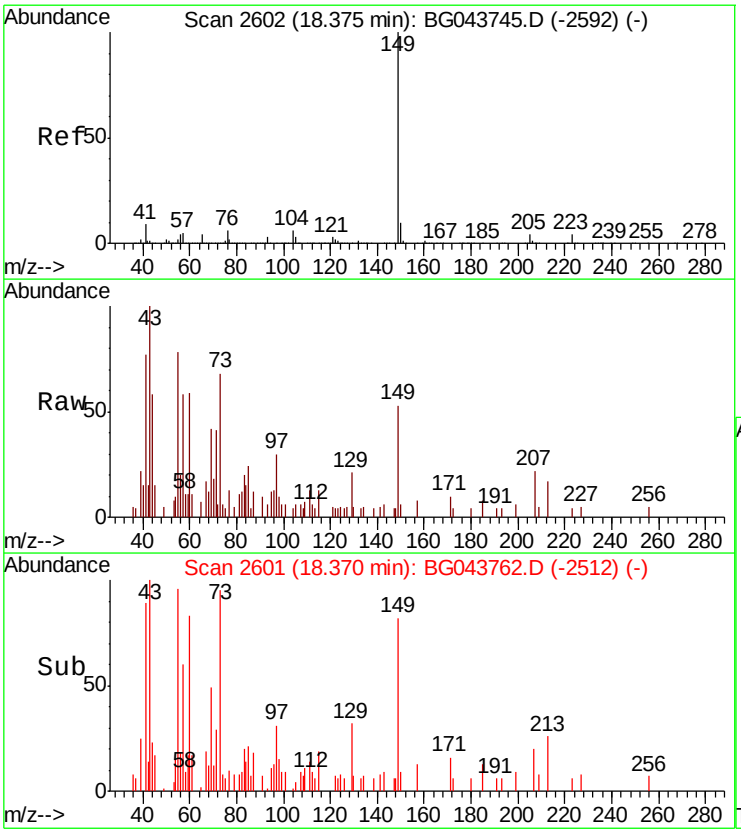
#73
Carbazole
Concen: Below Cal
RT: 17.89 min Scan# 2519
Delta R.T. 0.10 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 58

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

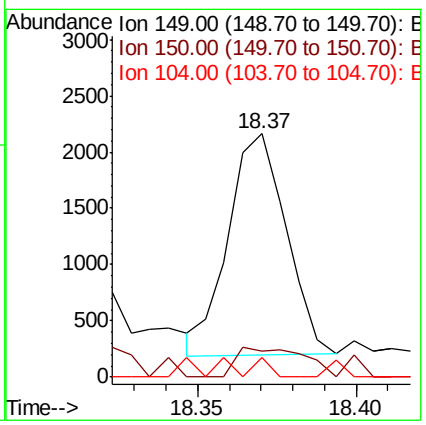


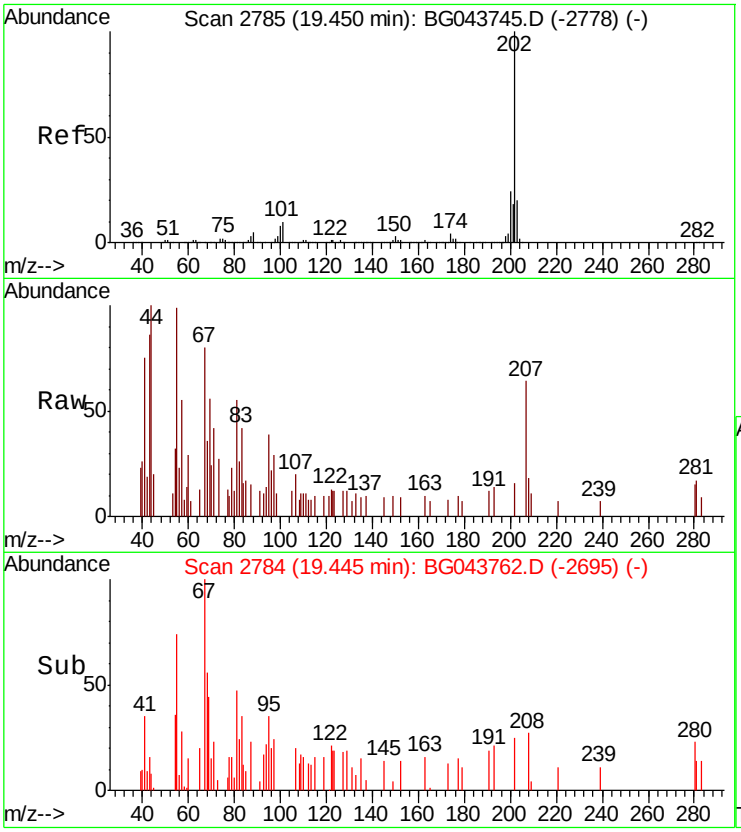


#74
Di-n-butylphthalate
Concen: 0.078 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:149 Resp: 2488

Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.4	12.6
104	8.2	4.6	7.0#



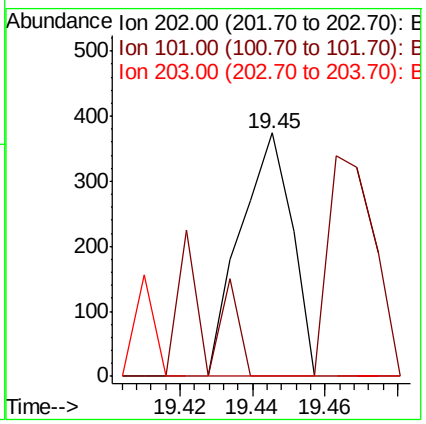


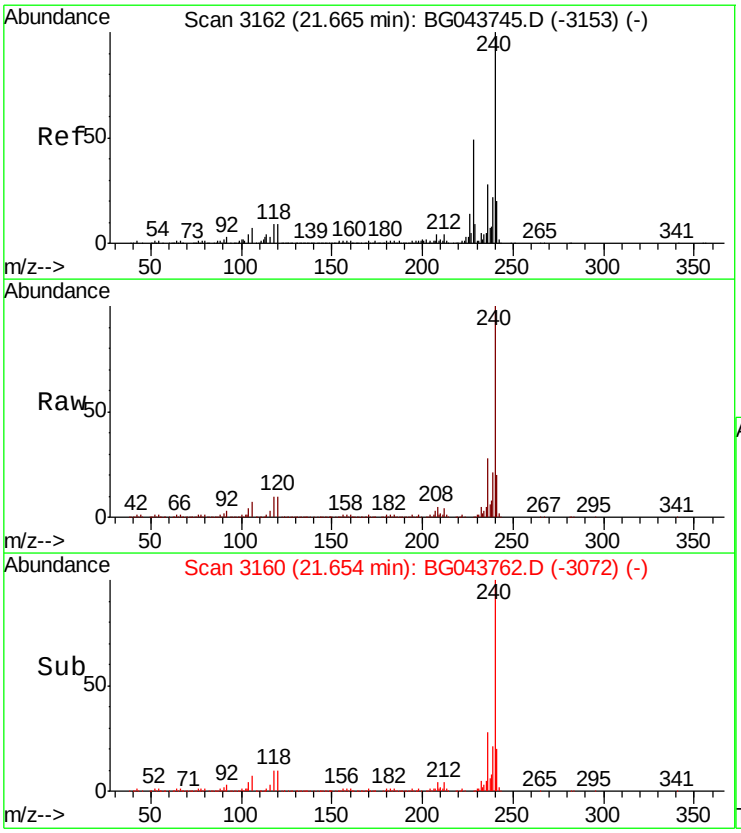
#75
Fluoranthene
Concen: 0.010 ng
RT: 19.45 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 369

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

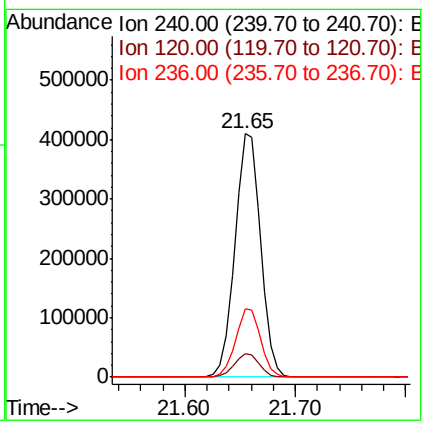


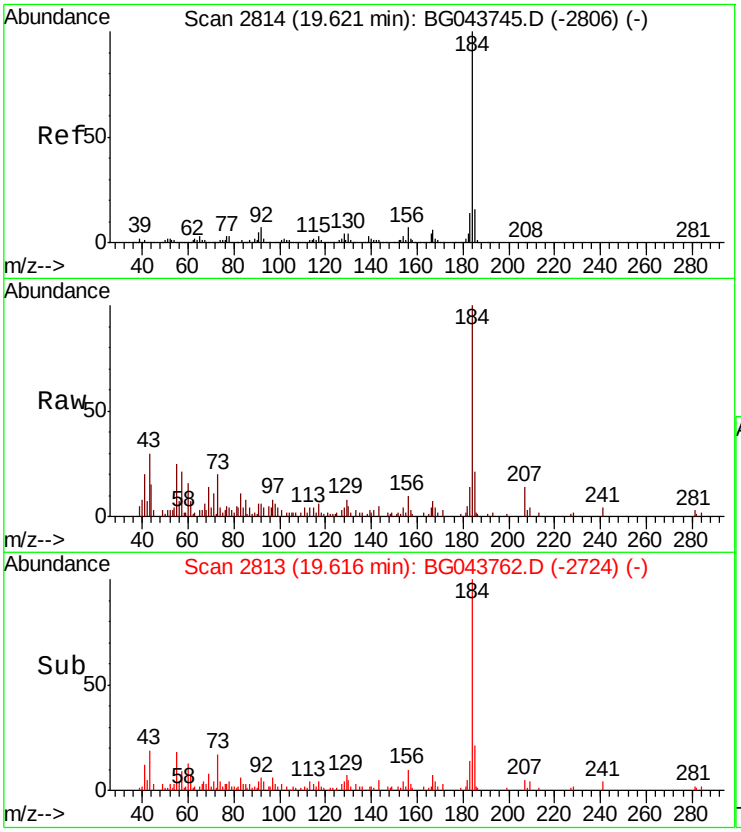


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:240 Resp: 668726

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.5	11.3
236	27.9	22.6	34.0



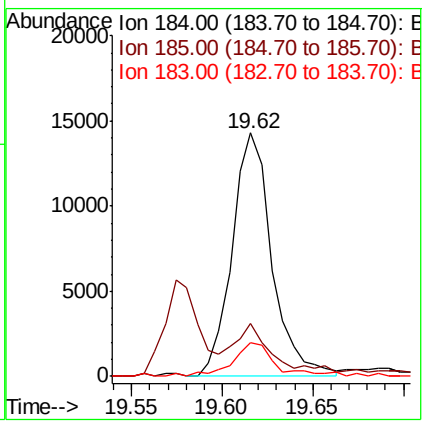


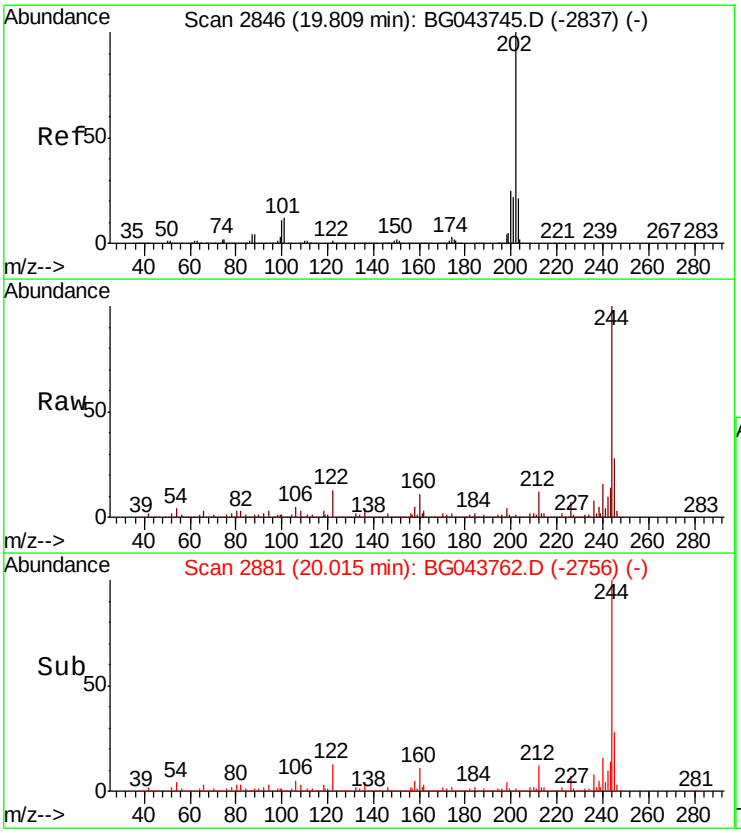
#77
Benzidine
Concen: 1.116 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21801

Ion	Ratio	Lower	Upper
184	100		
185	21.5	12.8	19.2#
183	13.6	11.3	16.9

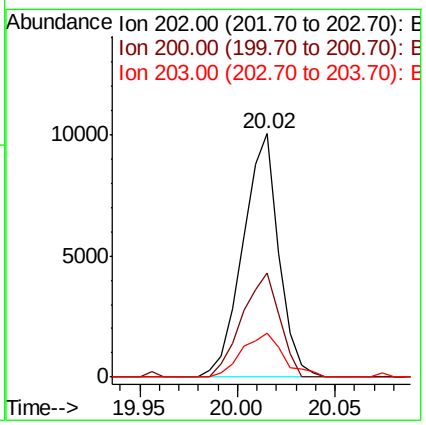


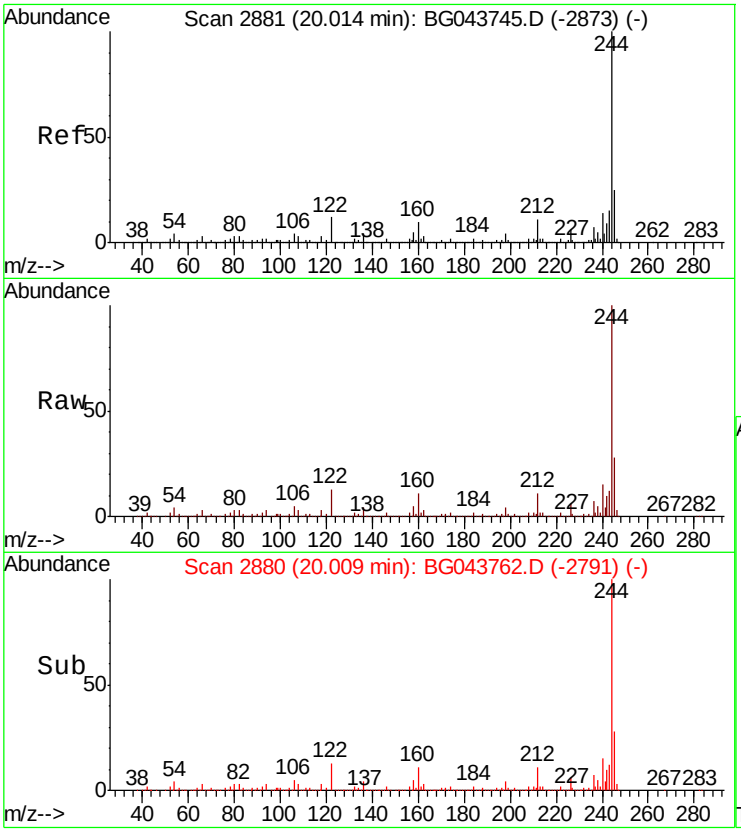


#78
Pyrene
Concen: 0.296 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.21 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:202 Resp: 12760

Ion	Ratio	Lower	Upper
202	100		
200	42.6	19.8	29.6#
203	18.2	16.6	24.8



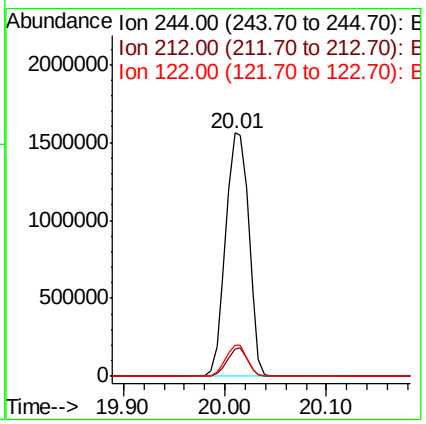


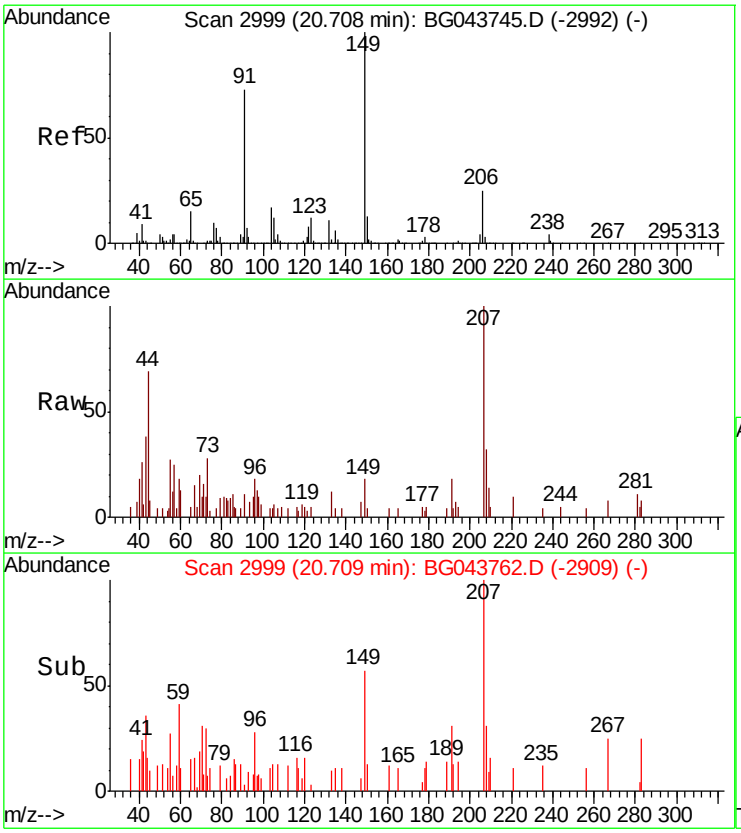
#79
Terphenyl-d14
Concen: 83.929 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2483825

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.5	12.7
122	13.0	9.5	14.3

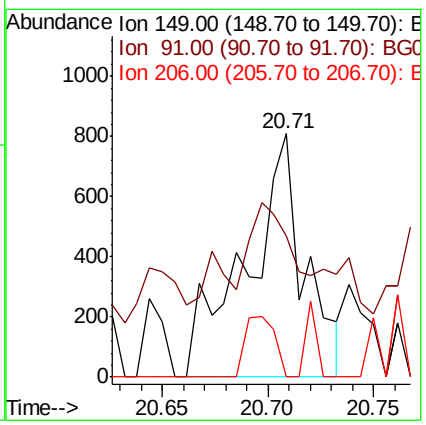


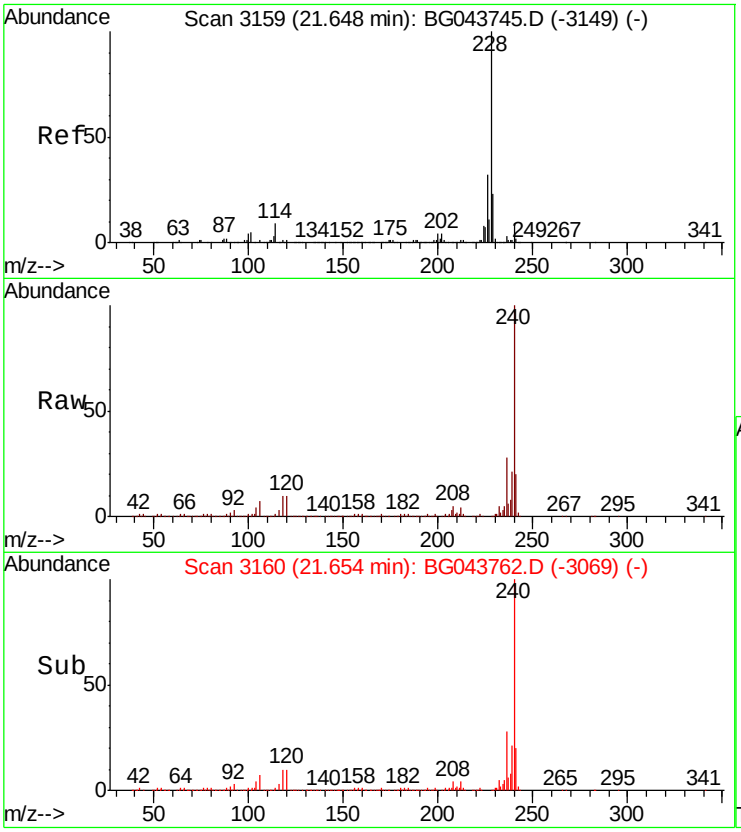


#80
Butylbenzylphthalate
Concen: 0.078 ng
RT: 20.71 min Scan# 2999
Delta R.T. 0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:149 Resp: 1531

Ion	Ratio	Lower	Upper
149	100		
91	58.1	58.8	88.2#
206	0.0	19.8	29.6#



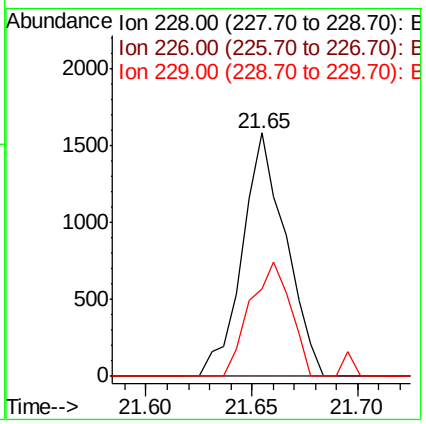


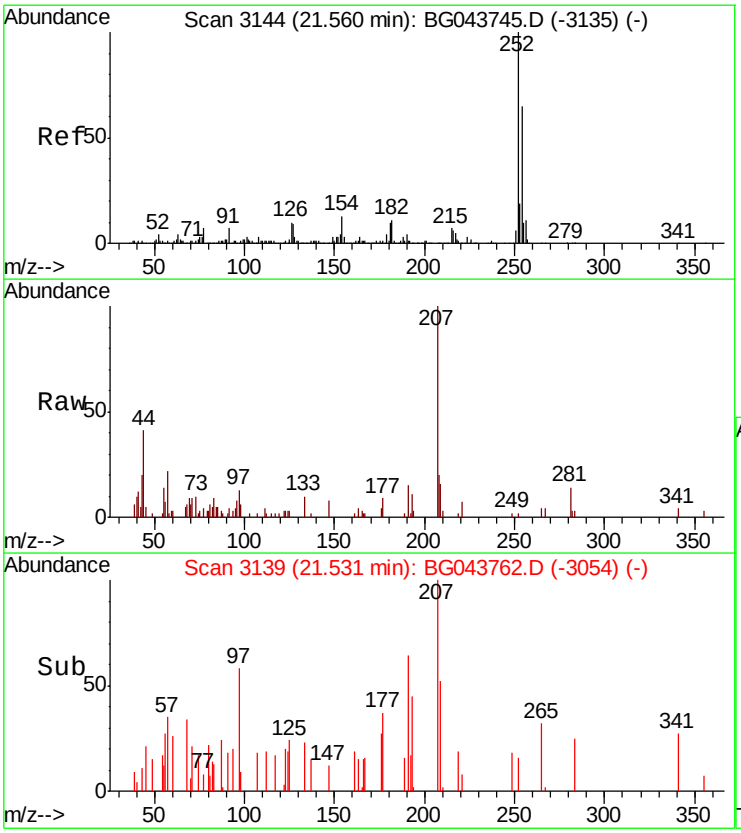
#81
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 2268

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.2#
229	36.0	18.1	27.1#

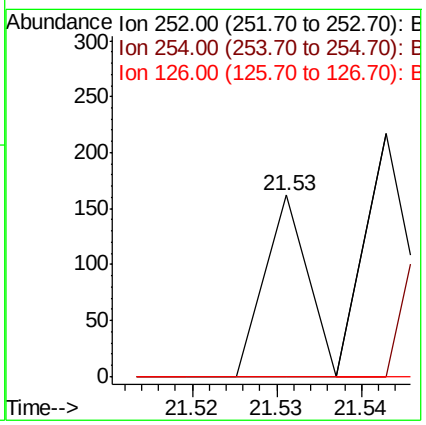


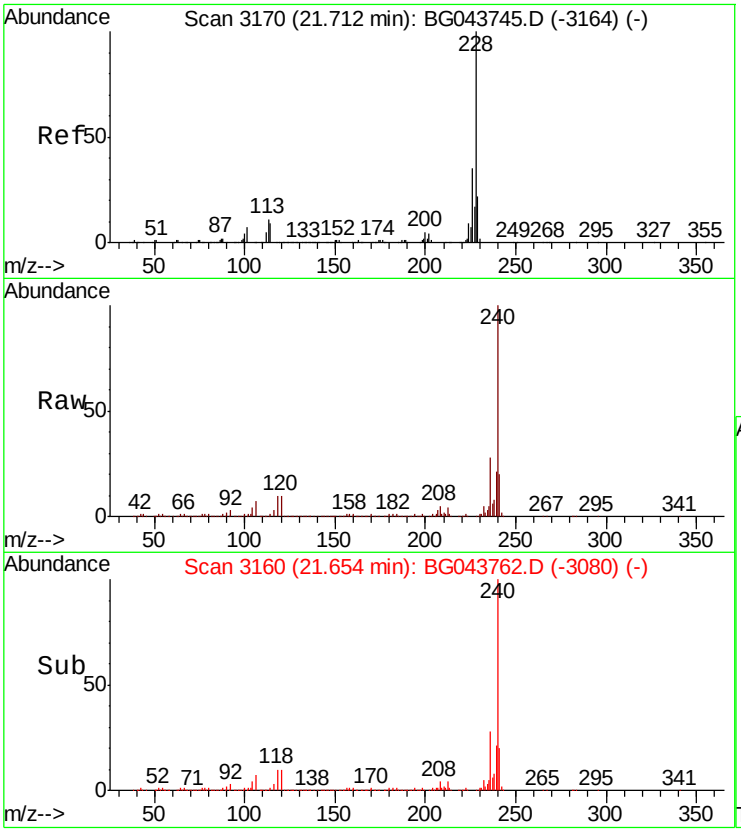


#82
3,3'-Dichlorobenzidine
Concen: 0.003 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.03 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:252 Resp: 57

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



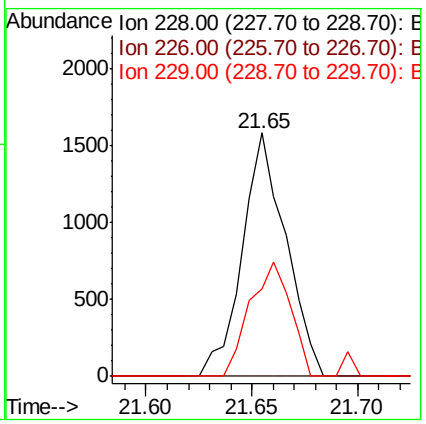


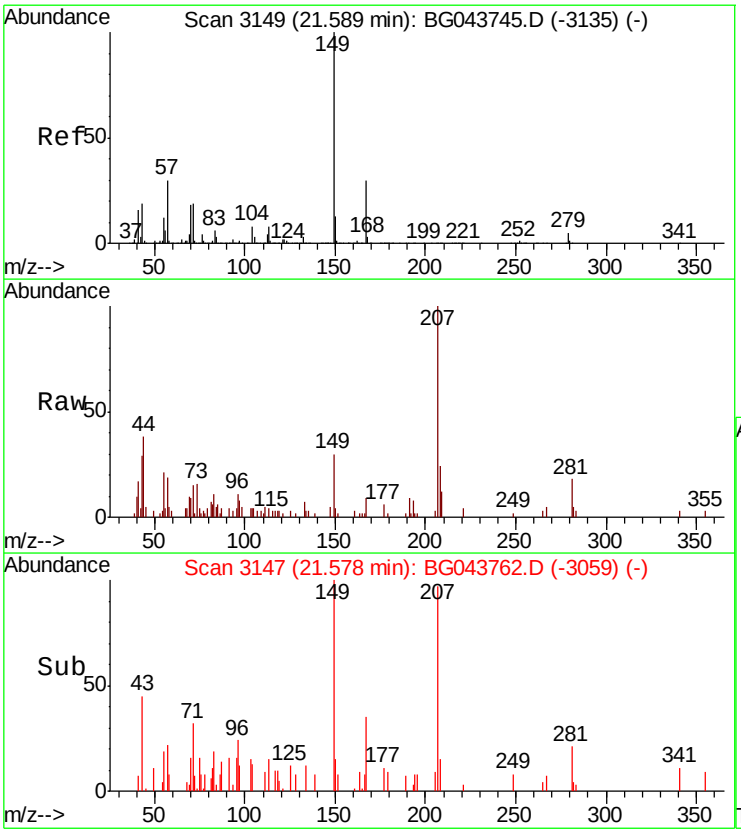
#83
Chrysene
Concen: 0.054 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.06 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 2268

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.8	41.8#
229	36.0	17.9	26.9#

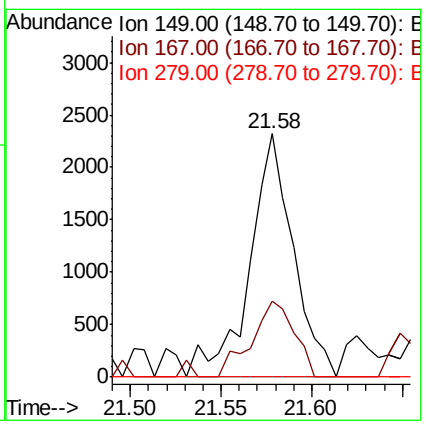


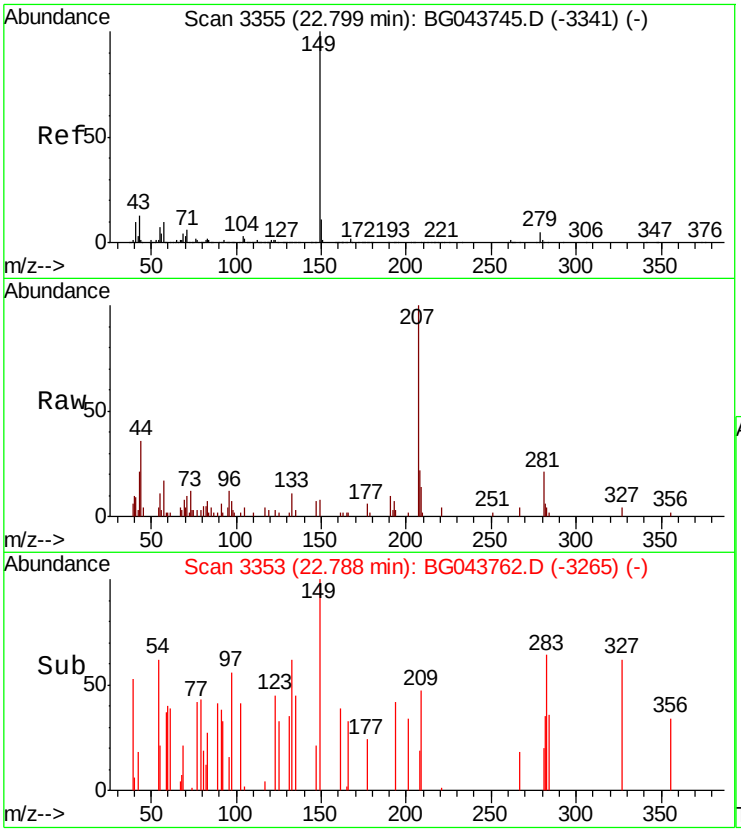


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:149 Resp: 3873

Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.8	35.6
279	0.0	4.0	6.0#



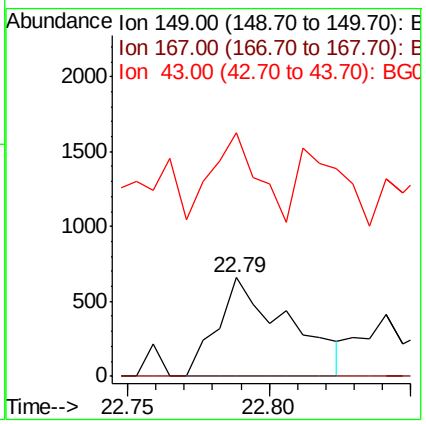


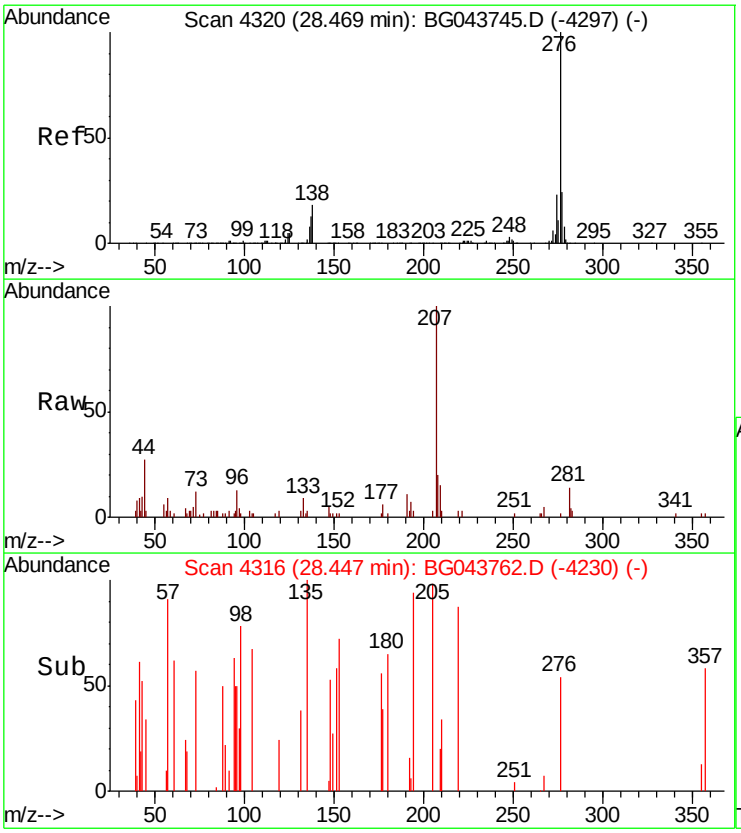
#85
Di-n-octyl phthalate
Concen: 0.026 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1148

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

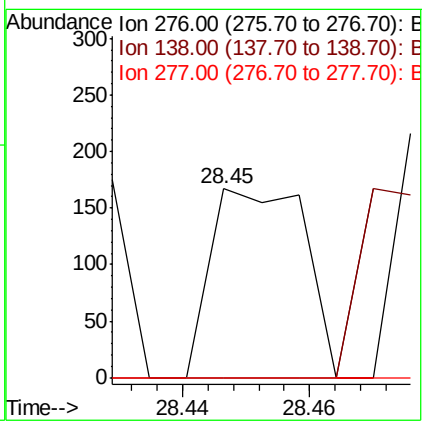


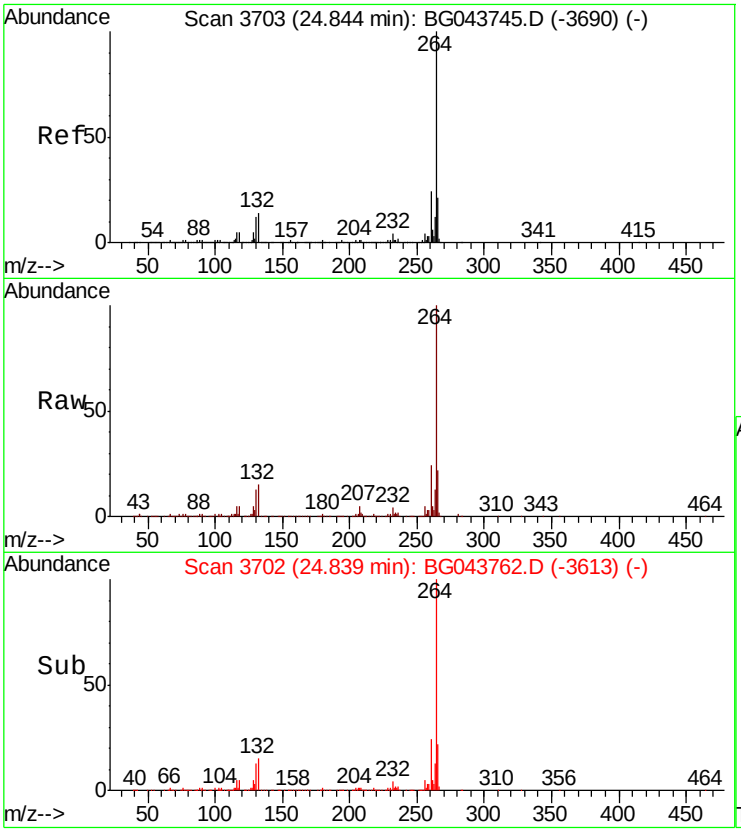


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.45 min Scan# 4316
Delta R.T. -0.02 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:276 Resp: 171

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



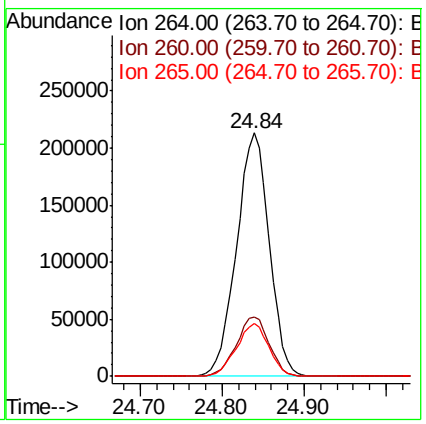


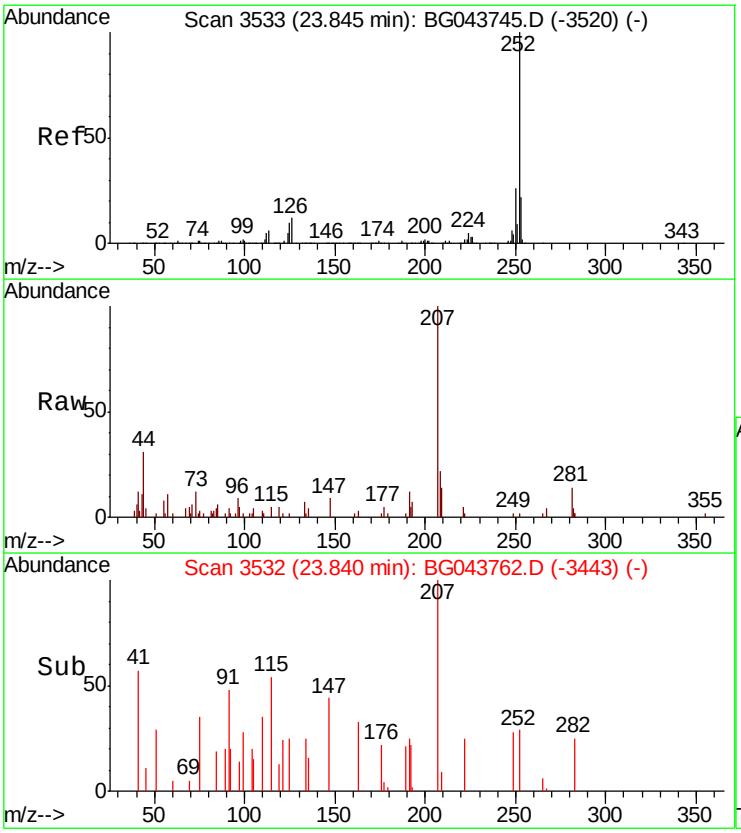
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 592343

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.0	25.6

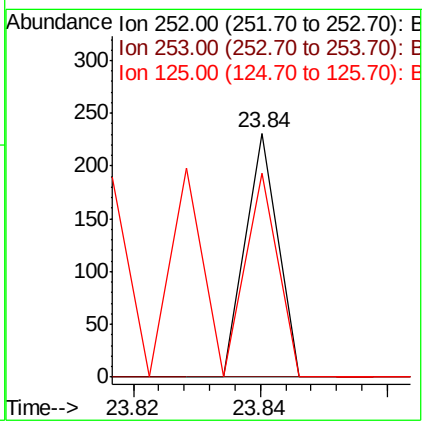


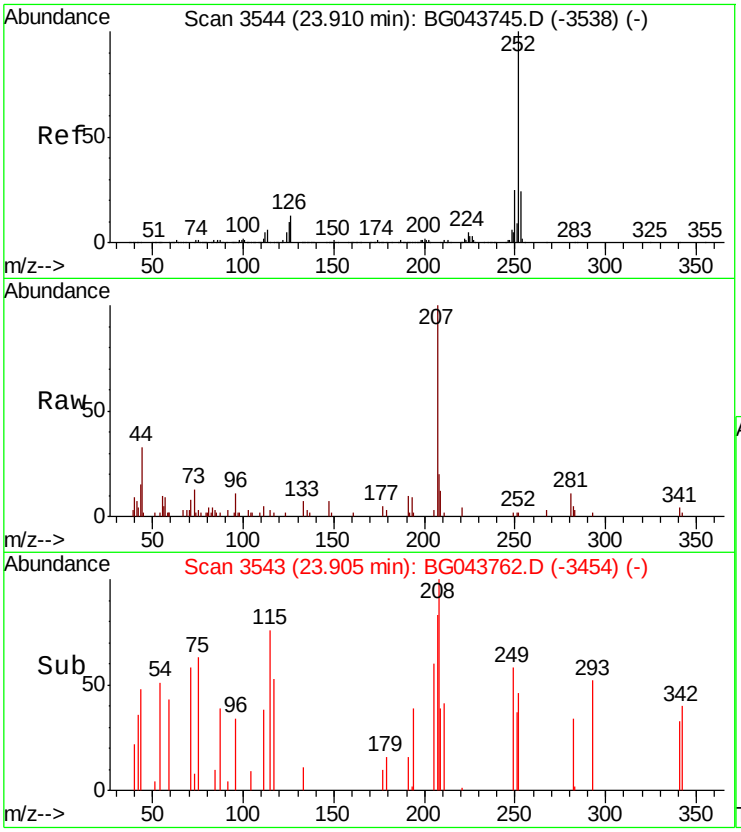


#88
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:252 Resp: 81

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	83.5	8.0	12.0#



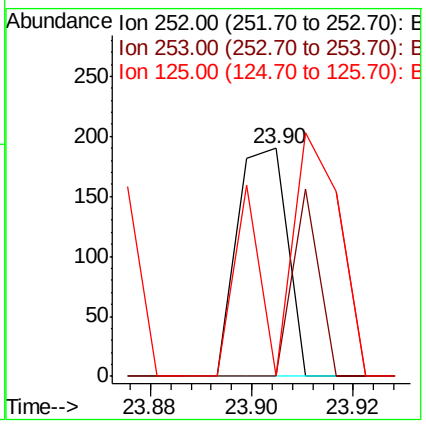


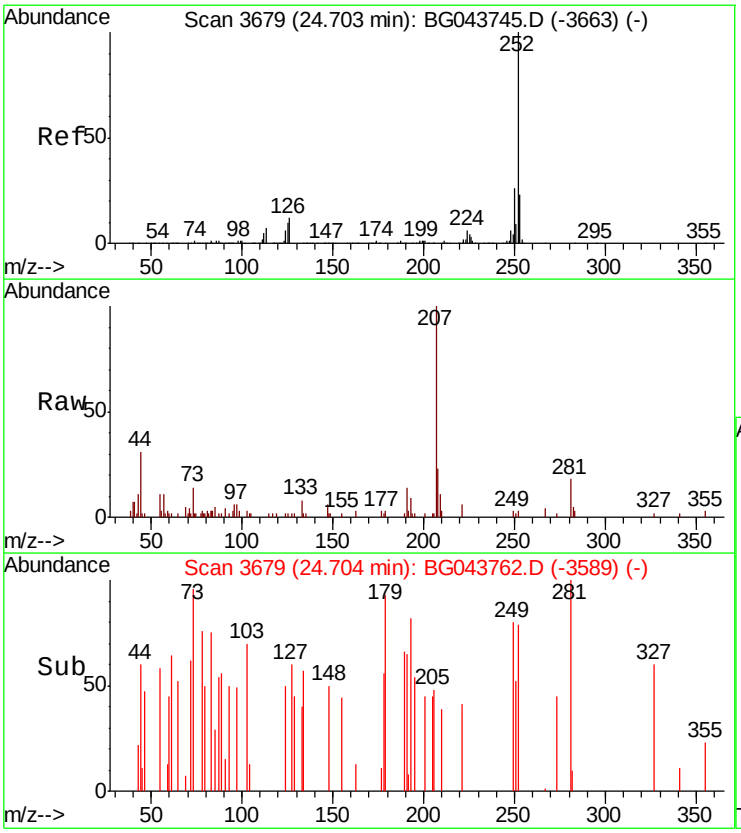
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 131

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

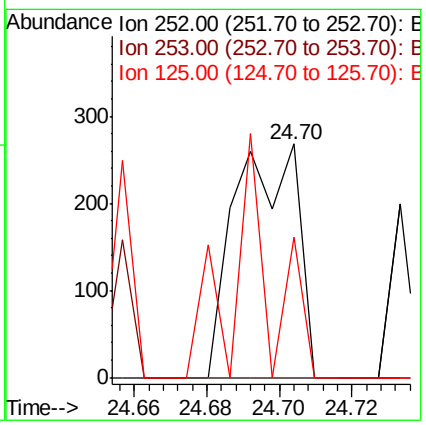


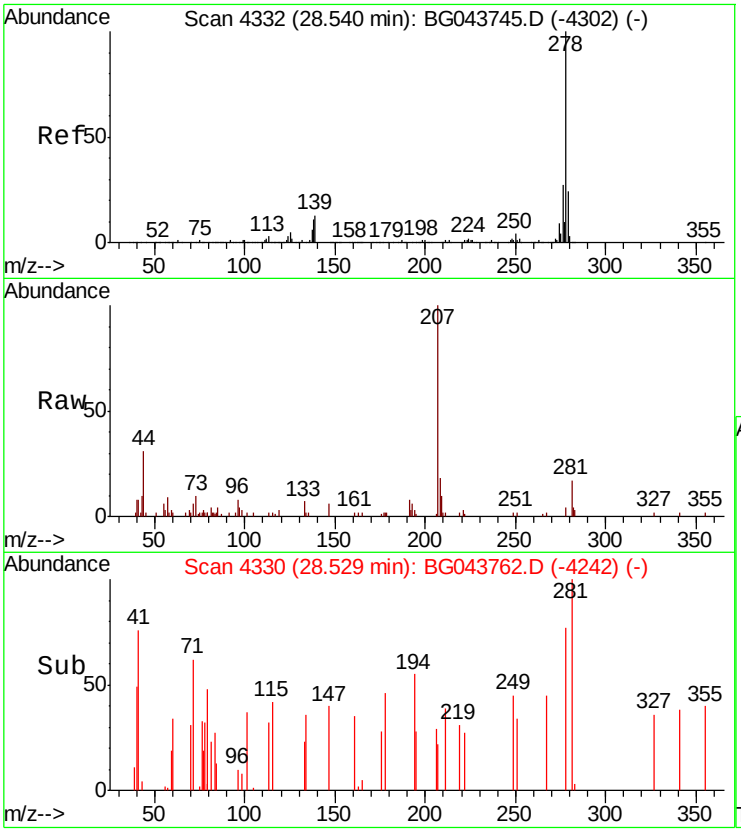


#90
Benzo(a)pyrene
Concen: 0.010 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:252 Resp: 323

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	60.1	8.3	12.5#



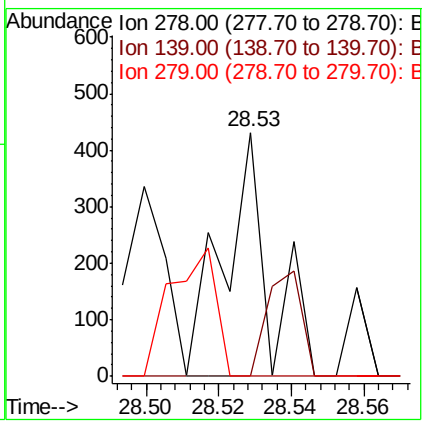


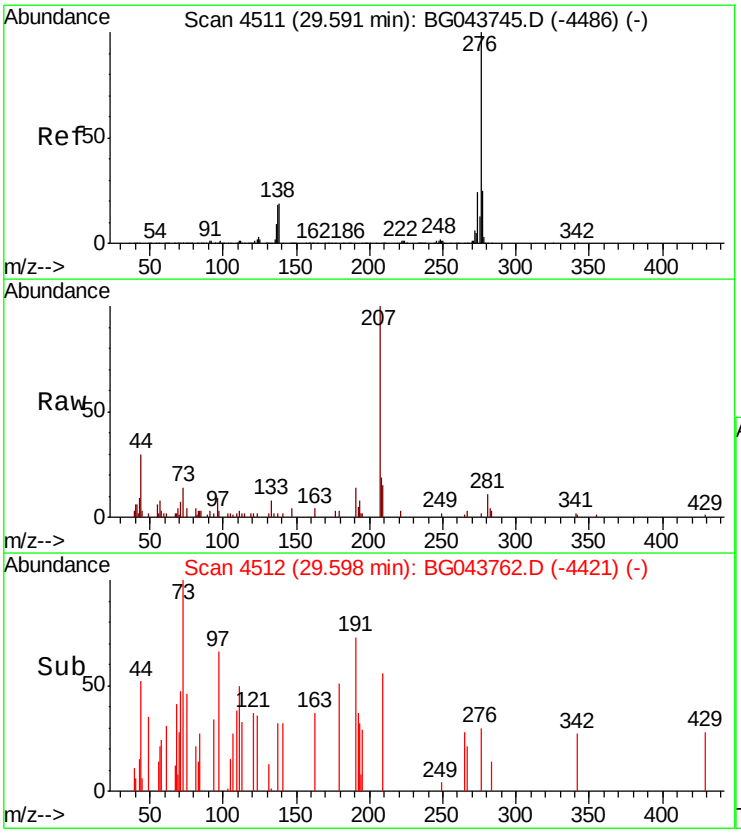
#91
Dibenzo(a,h)anthracene
Concen: 0.012 ng
RT: 28.53 min Scan# 4330
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 379

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# 4512
Delta R.T. 0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:276 Resp: 63

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