Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043767.D
Acq On : 23 Nov 2019 22:14
Operator : JU
Sample : K5933-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 25 02:06:11 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	18549	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	85858	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	82275	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	324946	20.00	ng	0.00
76) Chrysene-d12	21.65	240	695585	20.00	ng	-0.01
87) Perylene-d12	24.83	264	637800	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	186951	181.19	ng	0.00
7) Phenol-d6	7.18	99	290211	193.49	ng	0.00
23) Nitrobenzene-d5	9.18	82	145060	92.89	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	205959	207.54	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	428408	85.59	ng	-0.01
79) Terphenyl-d14	20.01	244	2240611	72.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	151	0.330	ng	# 1
3) Pyridine	3.93	79	446	0.346	ng	# 11
4) n-Nitrosodimethylamine	3.85	42	417	0.652	ng	# 1
6) Aniline	7.34	93	1100	0.563	ng	# 71
8) 2-Chlorophenol	7.58	128	54	0.046	ng	# 1
9) Benzaldehyde	7.18	77	1019	1.137	ng	# 4
10) Phenol	7.21	94	54	0.035	ng	# 1
11) bis(2-Chloroethyl)ether	7.34	93	1100	0.856	ng	# 17
12) 1,3-Dichlorobenzene	7.79	146	54	0.039	ng	# 27
13) 1,4-Dichlorobenzene	7.79	146	54	0.038	ng	# 25
14) 1,2-Dichlorobenzene	8.52	146	62	0.047	ng	# 23
15) Benzyl Alcohol	8.21	79	79	0.063	ng	# 16
16) 2,2'-oxybis(1-Chloropropan	8.56	45	510	0.231	ng	71
17) 2-Methylphenol	8.41	107	54	0.049	ng	# 12
18) Hexachloroethane	9.04	117	54	0.102	ng	# 39
19) n-Nitroso-di-n-propylamine	9.18	70	19351	16.406	ng	# 77
20) 3+4-Methylphenols	8.89	107	67	0.044	ng	# 22
22) Acetophenone	8.85	105	85	0.037	ng	# 9
24) Nitrobenzene	9.22	77	135	0.084	ng	# 41
25) Isophorone	9.76	82	172	0.051	ng	# 67
26) 2-Nitrophenol	10.42	139	58	0.100	ng	# 33
27) 2,4-Dimethylphenol	9.67	122	63	0.055	ng	# 1
28) bis(2-Chloroethoxy)methane	10.26	93	137	0.066	ng	# 49
29) 2,4-Dichlorophenol	10.80	162	53	0.038	ng	# 24
31) Naphthalene	10.88	128	1283	0.301	ng	# 76
32) Benzoic acid	9.67	122	63	0.077	ng	# 1
33) 4-Chloroaniline	10.98	127	1559	0.760	ng	# 90
35) Caprolactam	11.64	113	116	0.206	ng	# 23
36) 4-Chloro-3-methylphenol	12.45	107	56	0.036	ng	# 17
37) 2-Methylnaphthalene	12.49	142	561	0.175	ng	# 62
38) 1-Methylnaphthalene	12.70	142	783	0.257	ng	# 73
43) 2,4,6-Trichlorophenol	13.02	196	65	0.039	ng	# 12
44) 2,4,5-Trichlorophenol	13.20	196	53	0.030	ng	# 10
46) 1,1'-Biphenyl	13.48	154	1069	0.187	ng	71

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043767.D
Acq On : 23 Nov 2019 22:14
Operator : JU
Sample : K5933-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 25 02:06:11 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)
48) 2-Nitroaniline	13.68	65	57	0.042	ng	#	5
49) Acenaphthylene	14.37	152	198	0.027	ng	#	59
50) Dimethylphthalate	14.10	163	467	0.072	ng	#	76
51) 2,6-Dinitrotoluene	14.65	165	10961	9.056	ng	#	28
52) Acenaphthene	14.72	154	658	0.141	ng	#	87
54) 2,4-Dinitrophenol	14.29	184	55	0.111	ng	#	2
55) Dibenzofuran	15.04	168	581	0.080	ng	#	90
56) 4-Nitrophenol	15.04	139	55	0.046	ng	#	4
57) 2,4-Dinitrotoluene	14.65	165	10961	6.530	ng	#	25
58) Fluorene	15.70	166	571	0.096	ng	#	93
60) Diethylphthalate	15.47	149	467	Below Cal		#	57
62) 4-Nitroaniline	15.70	138	86	0.053	ng	#	13
63) Azobenzene	15.97	77	405	0.066	ng	#	50
65) 4,6-Dinitro-2-methylphenol	16.13	198	772	4.830	ng	#	1
66) n-Nitrosodiphenylamine	16.14	169	8134	0.945	ng	#	46
67) 4-Bromophenyl-phenylether	16.13	248	15116	4.411	ng	#	1
71) Phenanthrene	17.44	178	3146	0.196	ng	#	89
72) Anthracene	17.53	178	641	0.039	ng	#	77
73) Carbazole	17.79	167	377	Below Cal		#	56
74) Di-n-butylphthalate	18.37	149	1799	0.087	ng	#	78
75) Fluoranthene	19.45	202	1562	0.068	ng		67
77) Benzidine	19.62	184	168206	8.278	ng		95
78) Pyrene	19.80	202	1386	0.031	ng		96
80) Butylbenzylphthalate	20.70	149	697	0.034	ng	#	74
81) Benzo(a)anthracene	21.65	228	2936	0.063	ng	#	72
82) 3,3'-Dichlorobenzidine	21.55	252	2492	0.143	ng	#	85
83) Chrysene	21.71	228	640	0.015	ng	#	45
84) Bis(2-ethylhexyl)phthalate	21.58	149	4004	0.139	ng	#	78
85) Di-n-octyl phthalate	22.78	149	1281	0.027	ng	#	30
86) Indeno(1,2,3-cd)pyrene	28.48	276	114	0.002	ng	#	36
88) Benzo(b)fluoranthene	23.83	252	926	0.024	ng	#	65
89) Benzo(k)fluoranthene	23.89	252	653	0.018	ng	#	58
90) Benzo(a)pyrene	24.69	252	662	0.018	ng	#	59
91) Dibenzo(a,h)anthracene	28.55	278	121	0.003	ng	#	57
92) Benzo(g,h,i)perylene	29.57	276	666	0.019	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 : BG043767.D
Acq On : 23 Nov 2019 22:14
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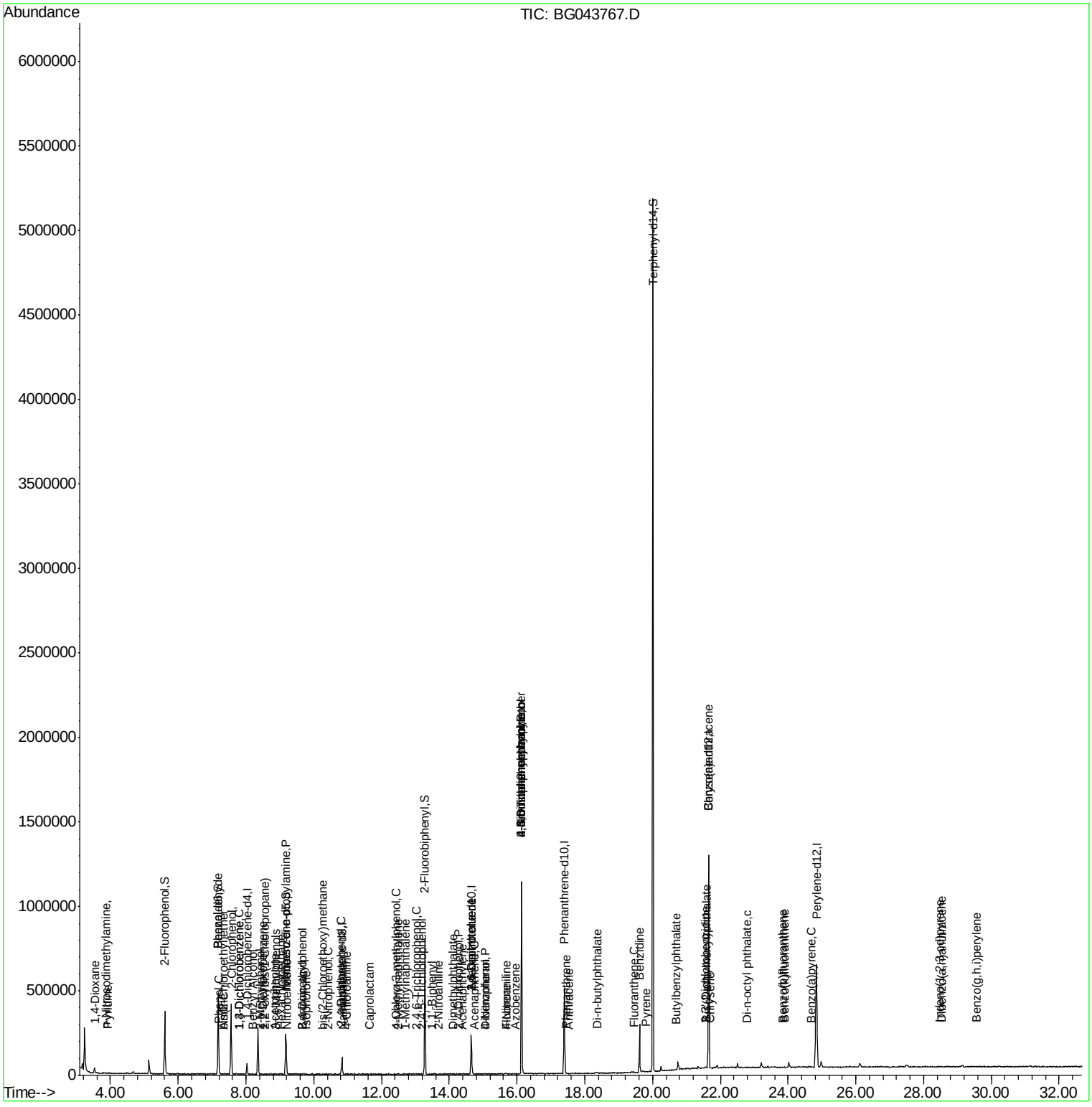
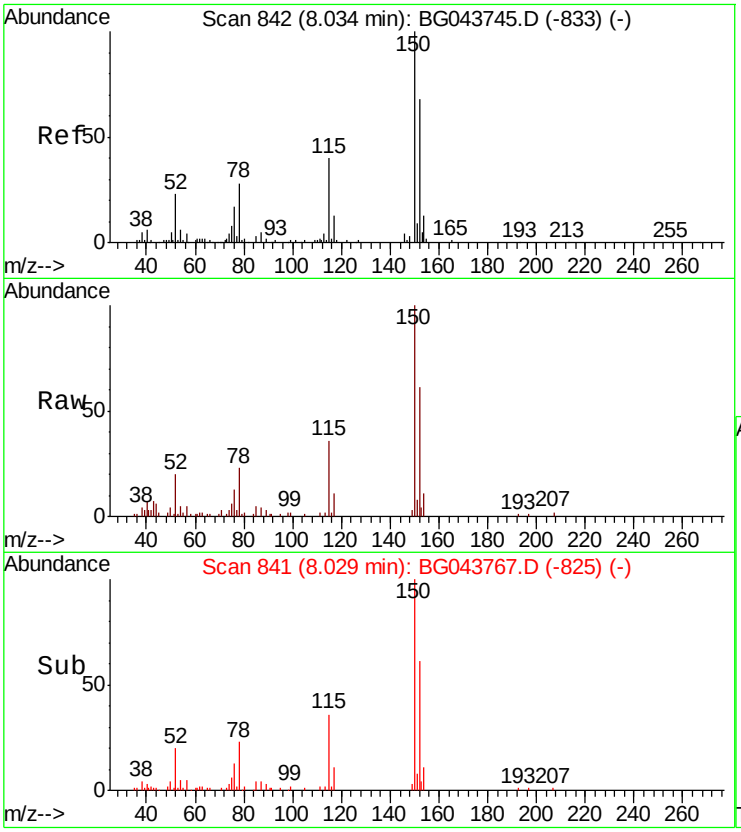
Sample : K5933-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 25 02:06:11 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



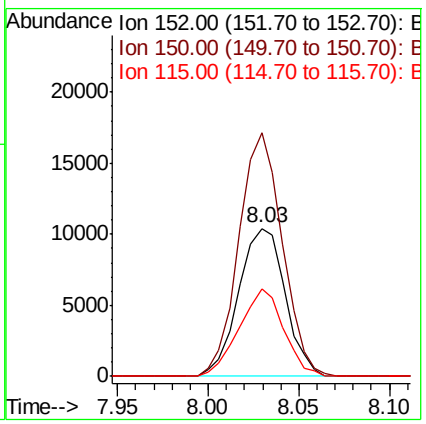


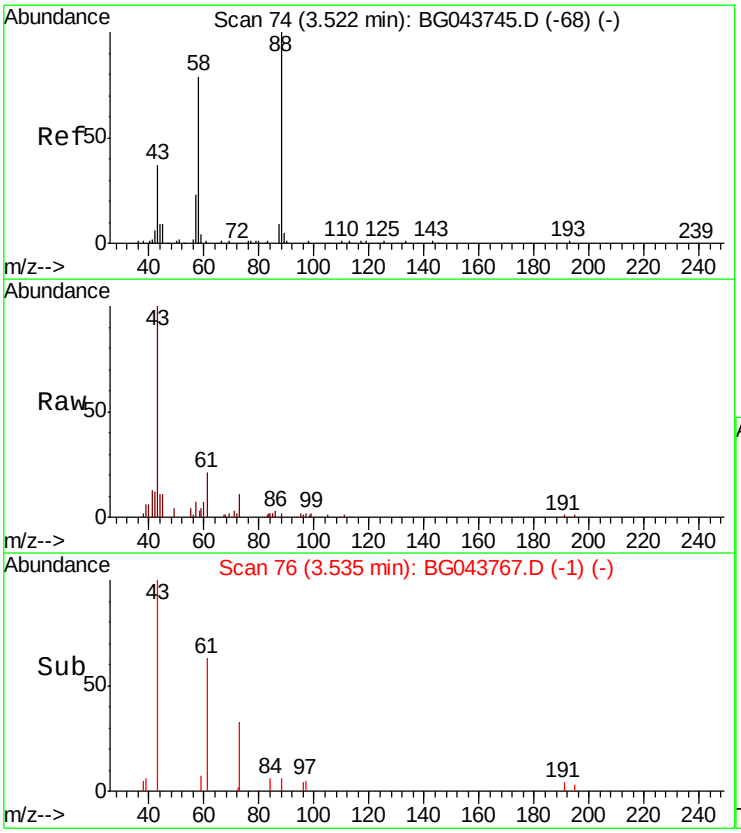
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 18549

Ion	Ratio	Lower	Upper
152	100		
150	164.7	117.8	176.8
115	59.2	47.0	70.4

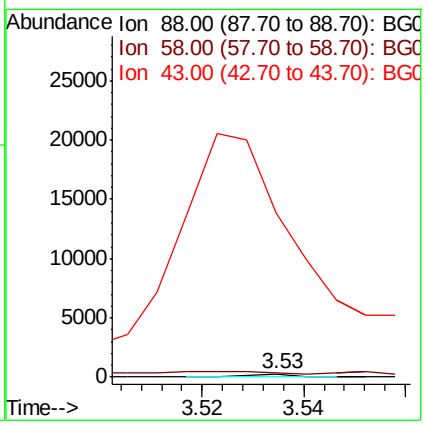


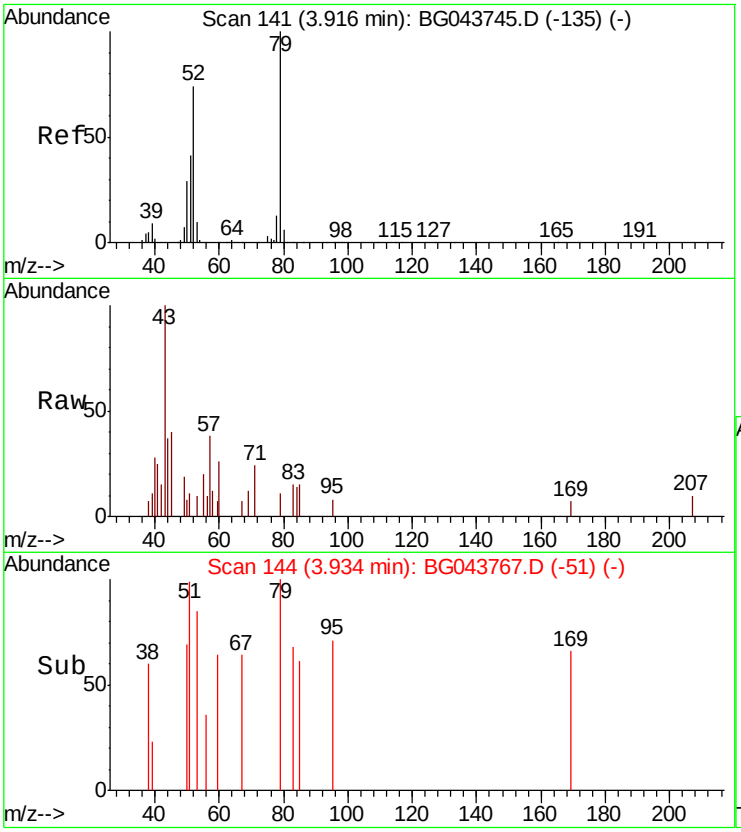


#2
1,4-Dioxane
Concen: 0.330 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion: 88 Resp: 151

Ion	Ratio	Lower	Upper
88	100		
58	284.8	62.3	93.5#
43	20451.0	28.9	43.3#



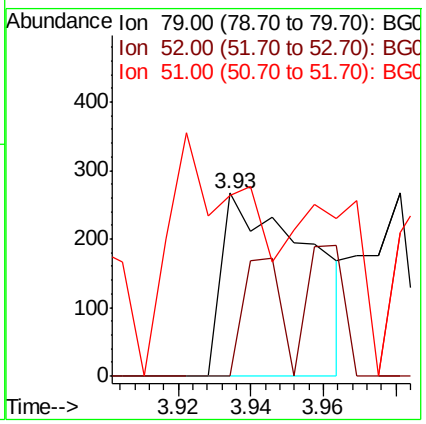


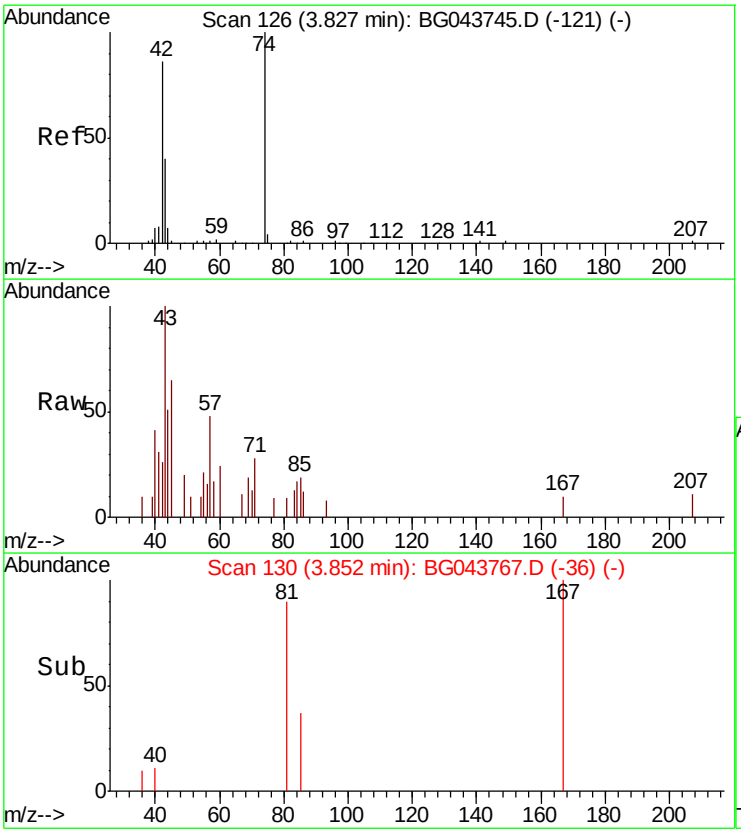
#3
Pyridine
Concen: 0.346 ng
RT: 3.93 min Scan# 144
Delta R.T. 0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 446

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.0	88.6#
51	98.5	32.9	49.3#

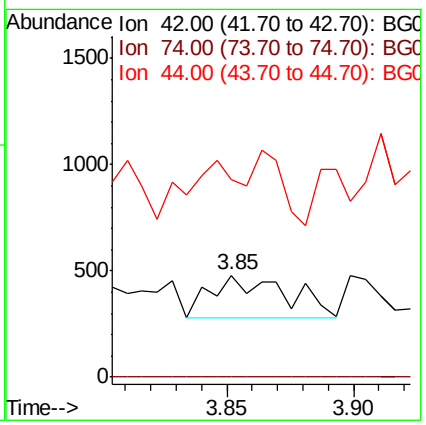


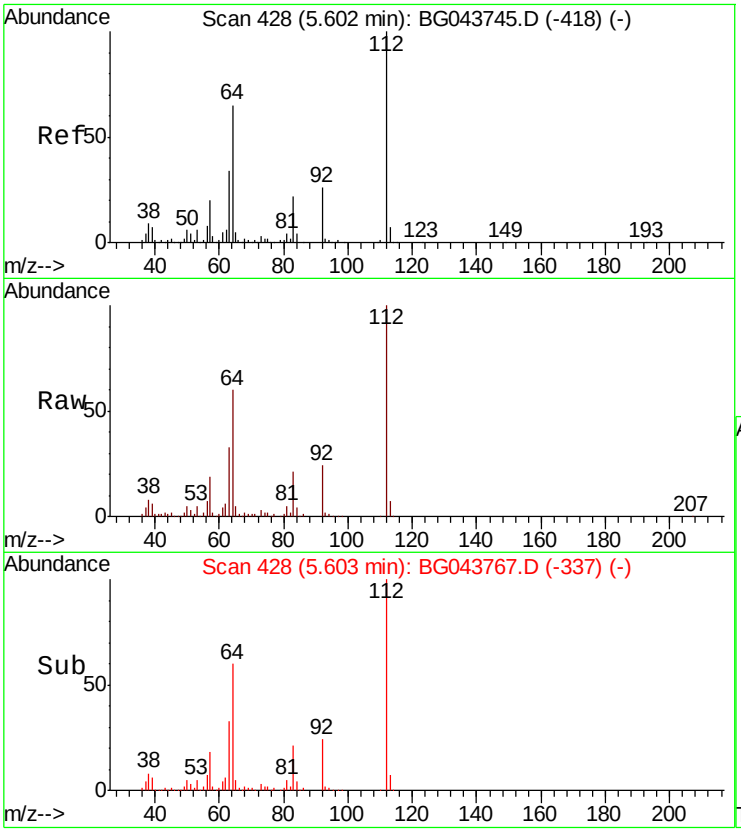


#4
n-Nitrosodimethylamine
Concen: 0.652 ng
RT: 3.85 min Scan# 130
Delta R.T. 0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion: 42 Resp: 417

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.9	137.9#
44	194.4	9.1	13.7#



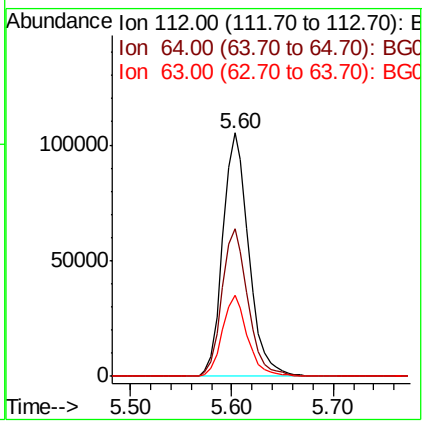


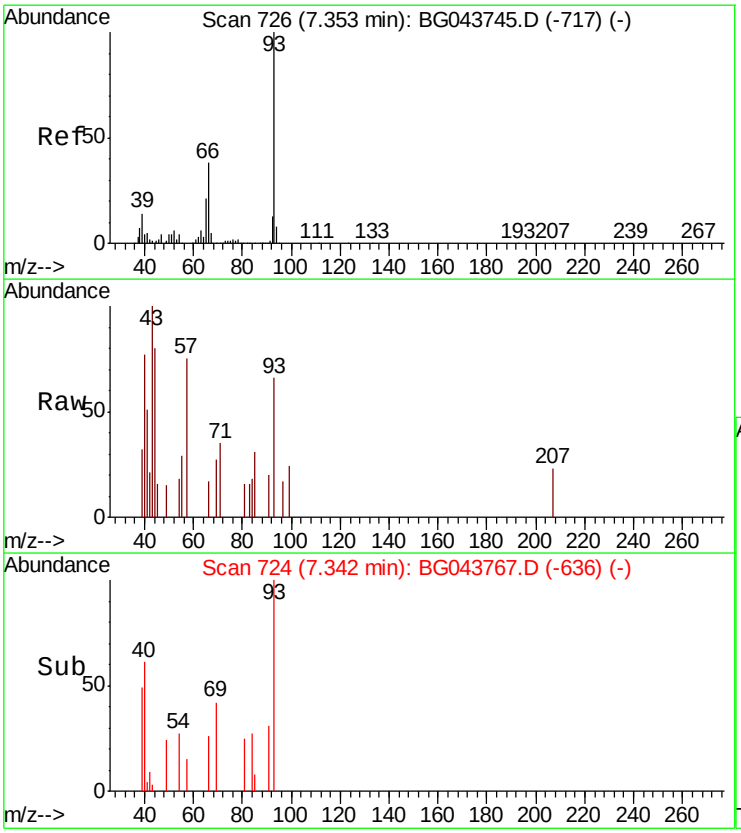
#5
2-Fluorophenol
Concen: 181.194 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 186951

Ion	Ratio	Lower	Upper
112	100		
64	60.5	51.7	77.5
63	33.5	26.8	40.2

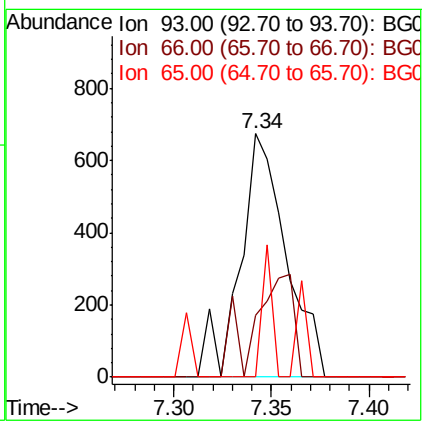


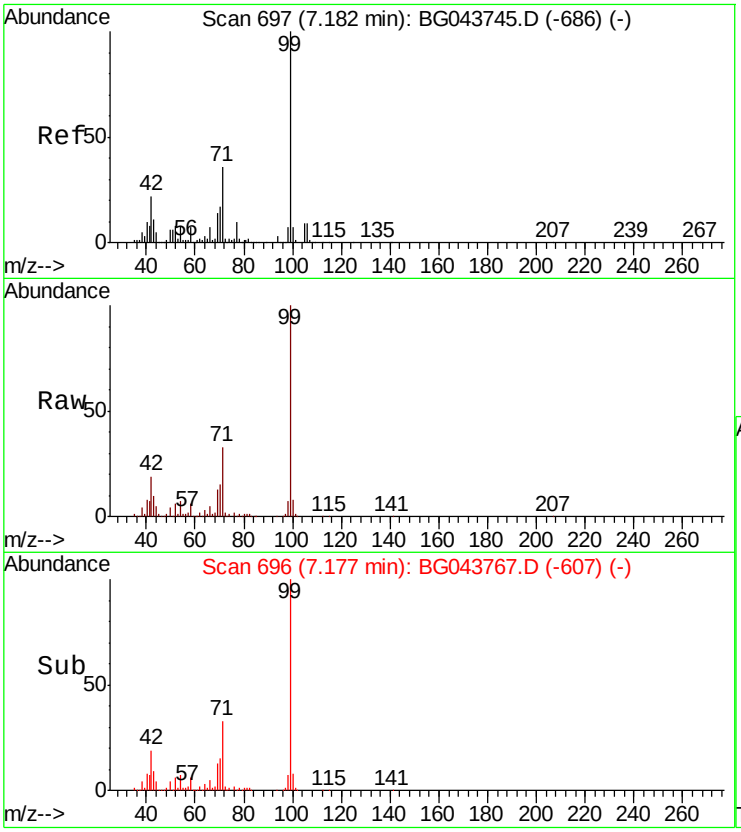


#6
Aniline
Concen: 0.563 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion: 93 Resp: 1100

Ion	Ratio	Lower	Upper
93	100		
66	25.7	30.6	46.0#
65	0.0	16.8	25.2#



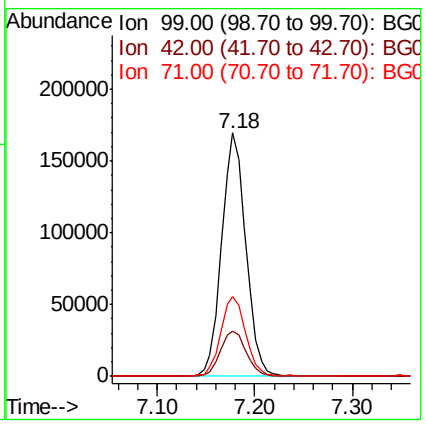


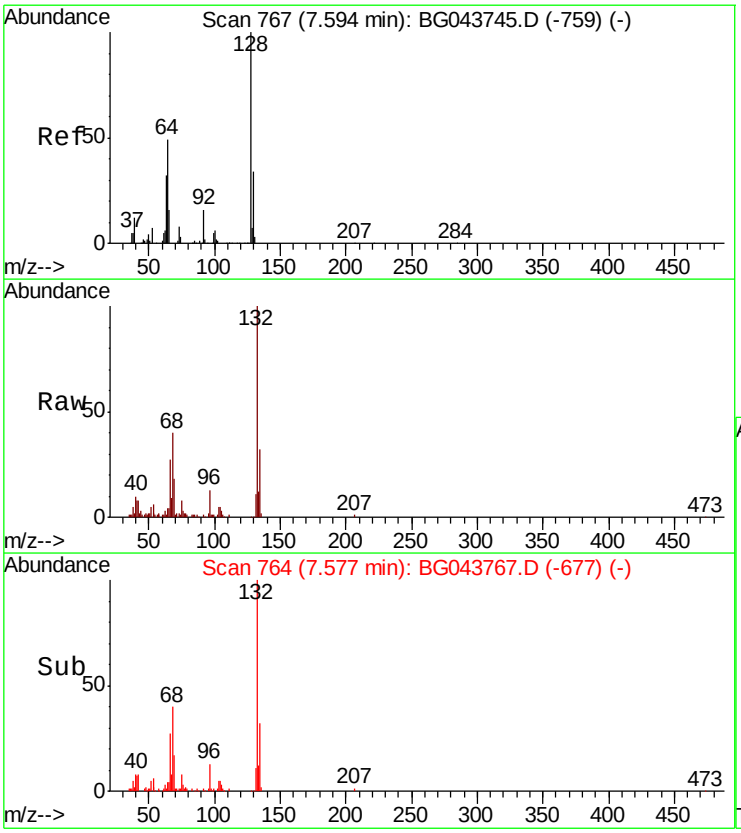
#7
Phenol-d6
Concen: 193.492 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 290211

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.4	26.0
71	32.9	29.5	44.3

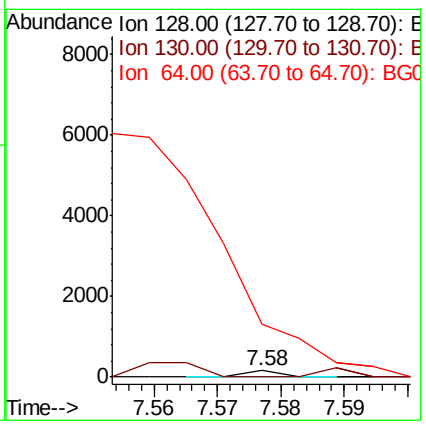


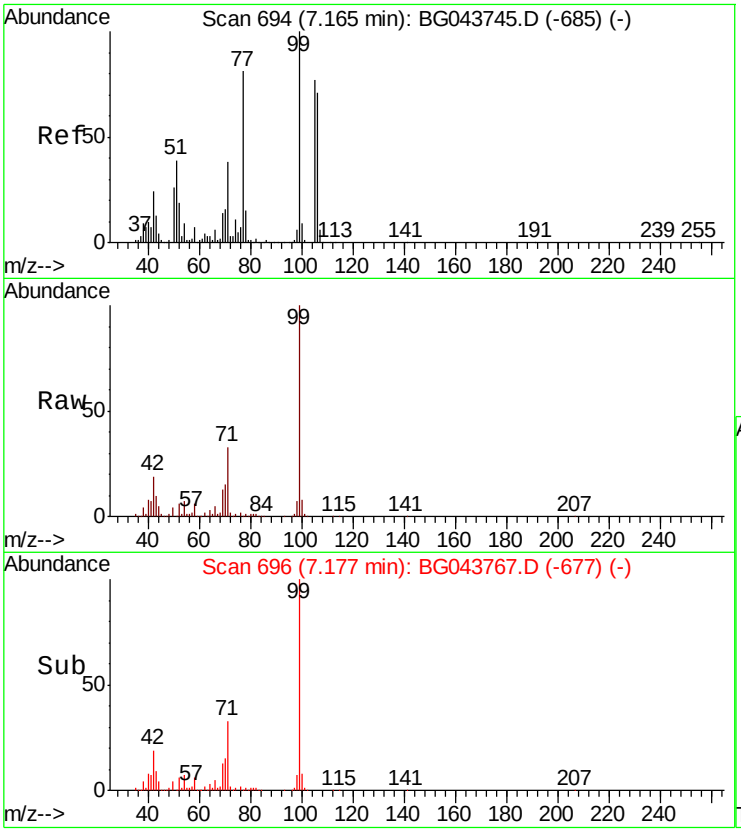


#8
2-Chlorophenol
Concen: 0.046 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:128 Resp: 54

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.3	54.3#
64	842.9	34.5	74.5#



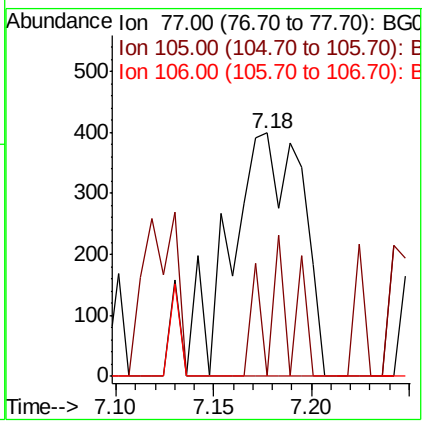


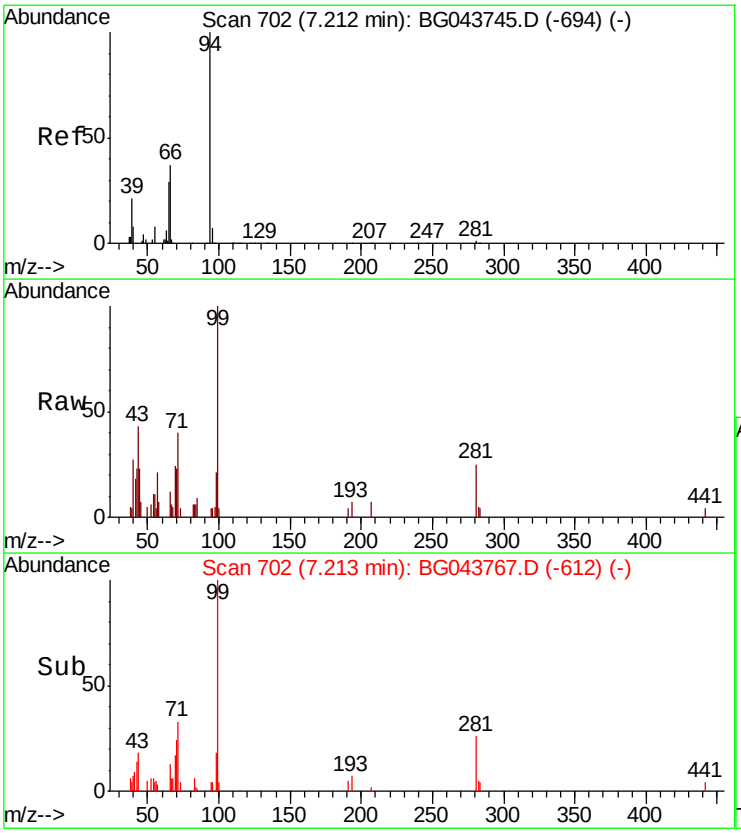
#9
Benzaldehyde
Concen: 1.137 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1019

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

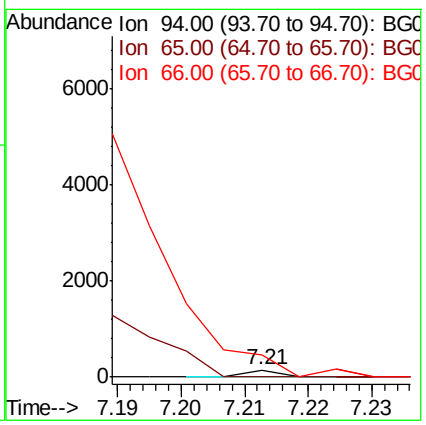


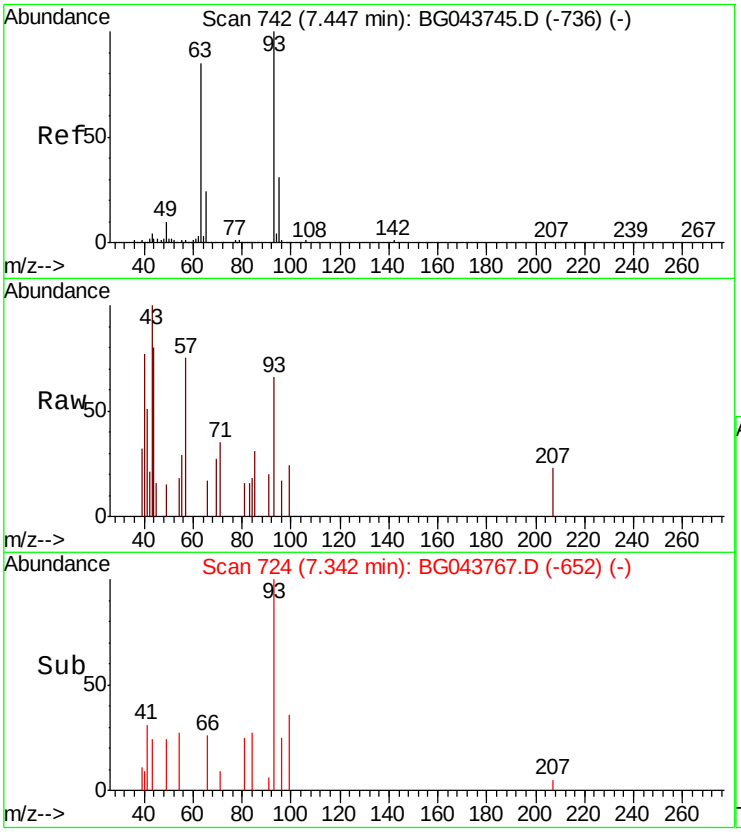


#10
Phenol
Concen: 0.035 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion: 94 Resp: 54

Ion	Ratio	Lower	Upper
94	100		
65	0.0	10.3	50.3#
66	297.4	20.5	60.5#



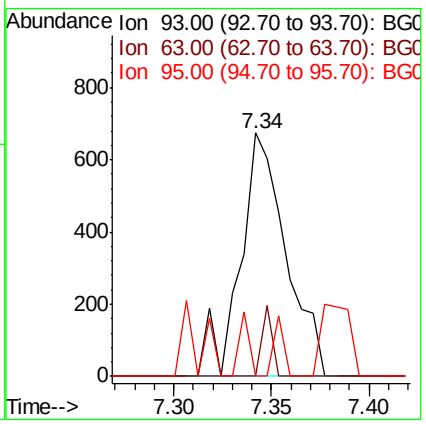


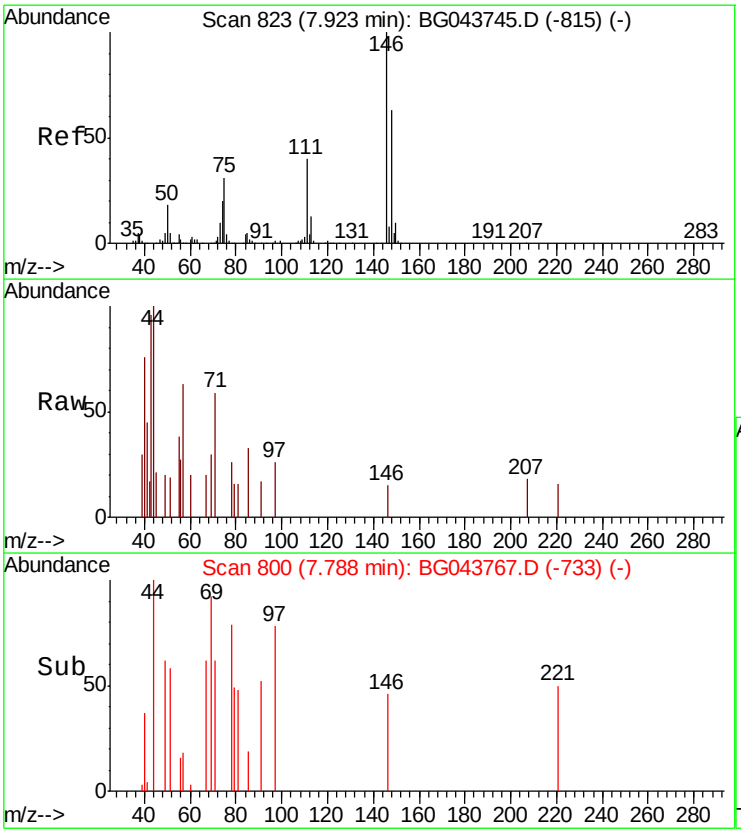
#11
bis(2-Chloroethyl)ether
Concen: 0.856 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.10 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 1100

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

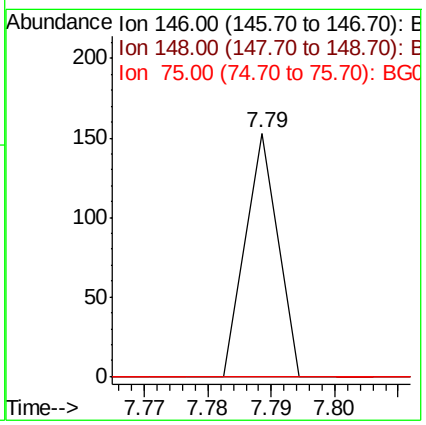


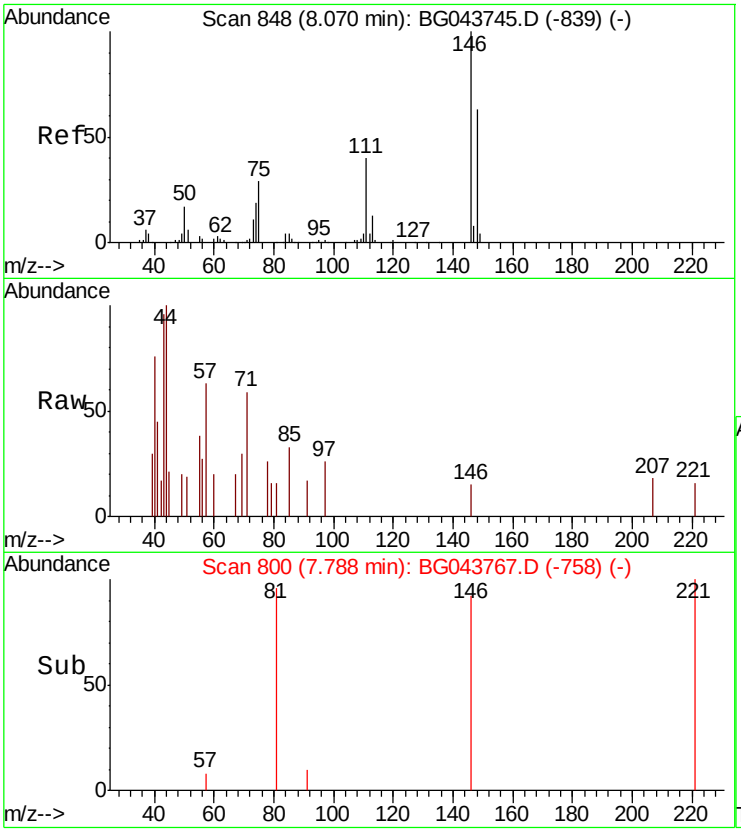


#12
1,3-Dichlorobenzene
Concen: 0.039 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.13 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.6	75.8#
75	0.0	25.2	37.8#



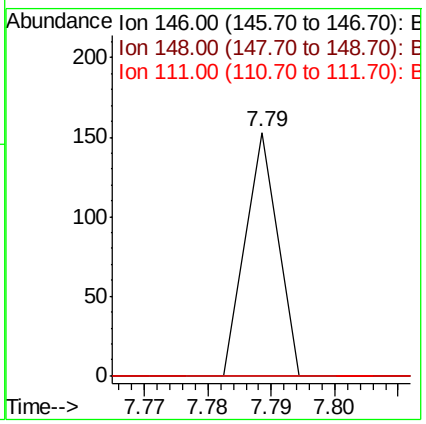


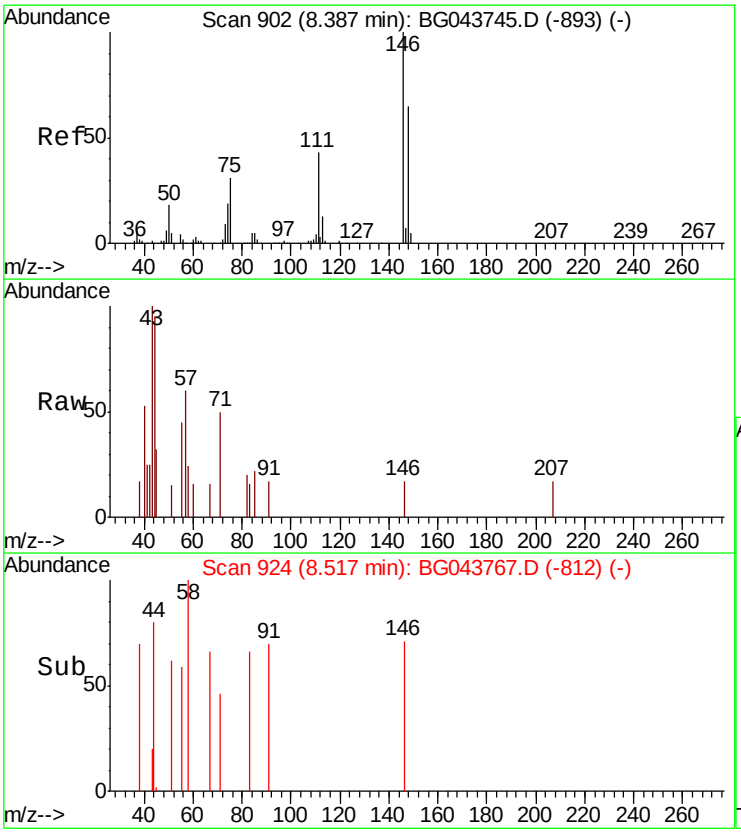
#13
1,4-Dichlorobenzene
Concen: 0.038 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.28 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.1	75.1#
111	0.0	32.1	48.1#

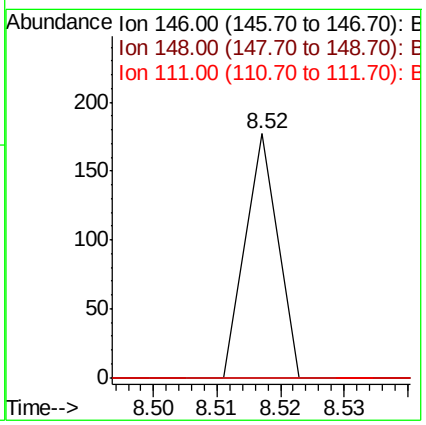


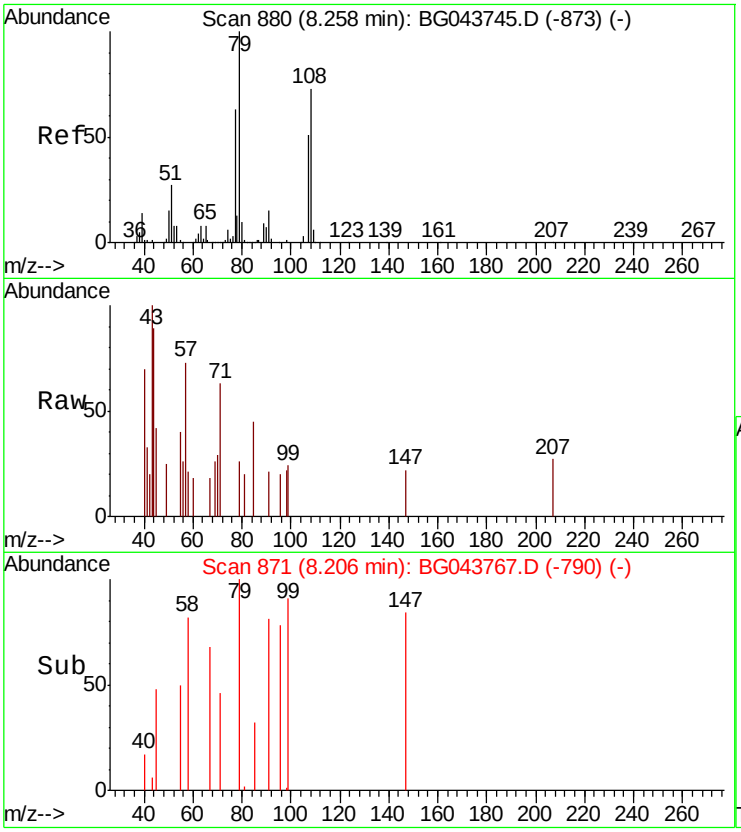


#14
1,2-Dichlorobenzene
Concen: 0.047 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.13 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:146 Resp: 62

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



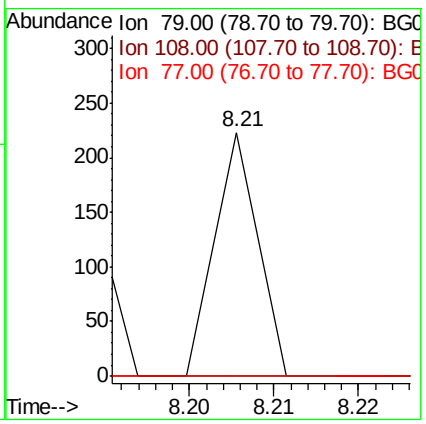


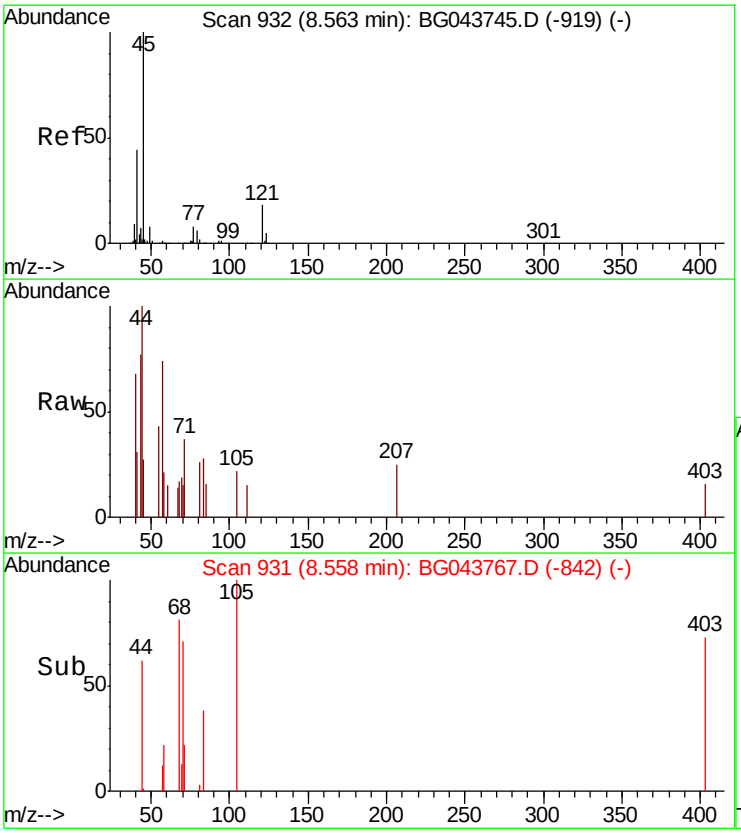
#15
Benzyl Alcohol
Concen: 0.063 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.05 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 79

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

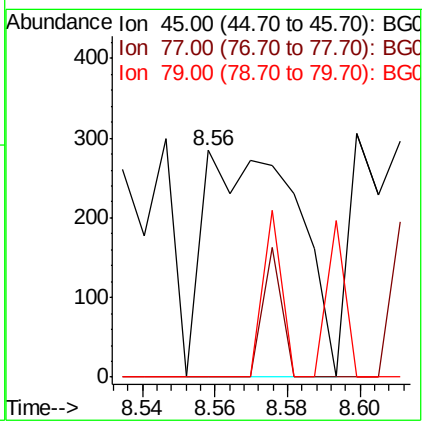


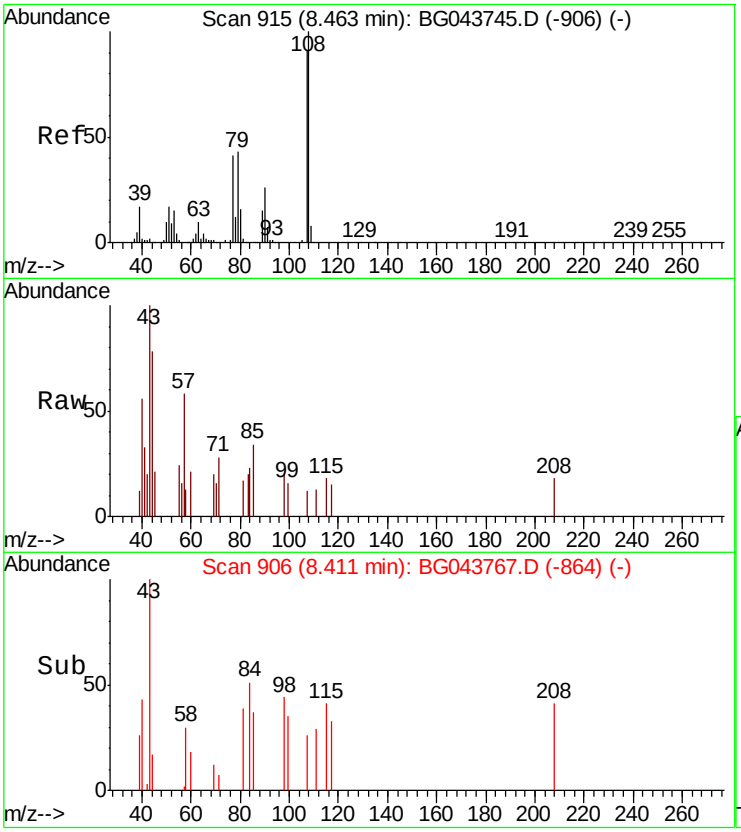


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.231 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion: 45 Resp: 510

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



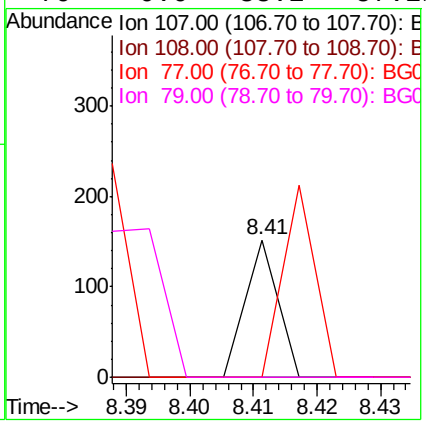


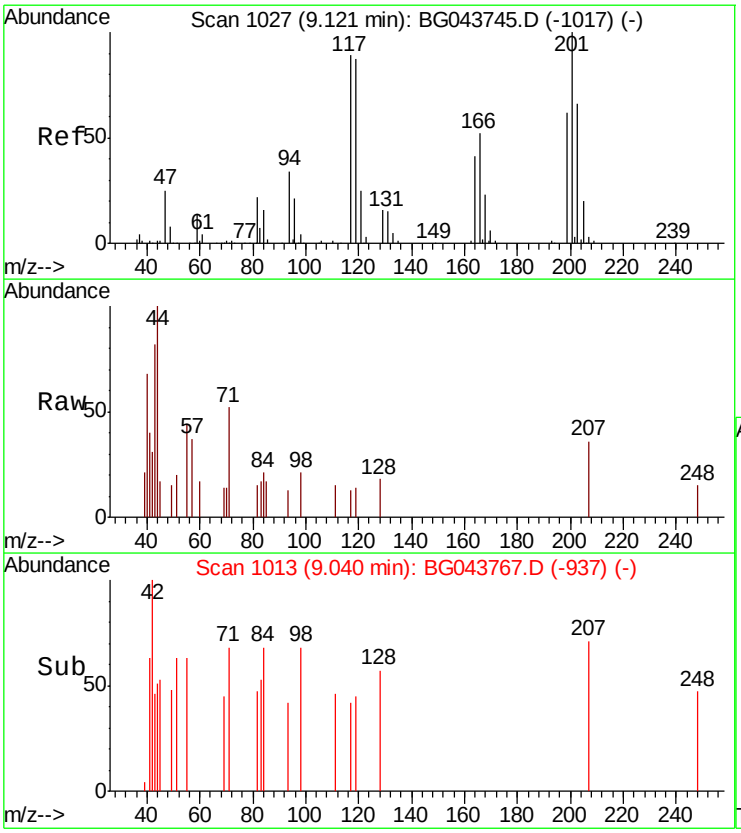
#17
2-Methylphenol
Concen: 0.049 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.05 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 54

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

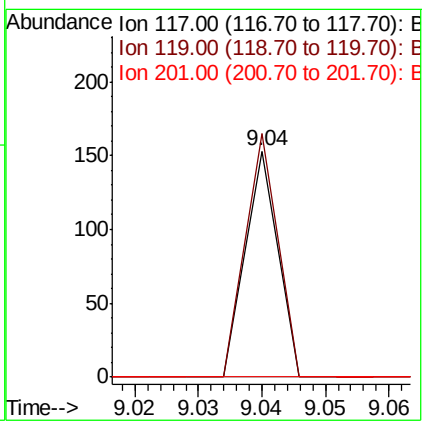


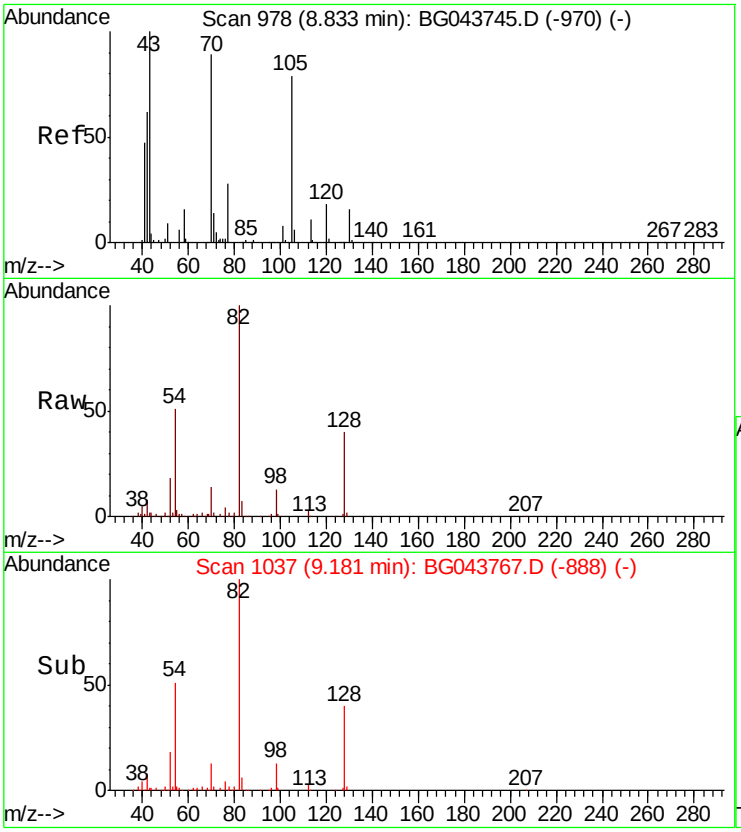


#18
Hexachloroethane
Concen: 0.102 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.08 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:117 Resp: 54

Ion	Ratio	Lower	Upper
117	100		
119	107.8	77.7	116.5
201	0.0	89.4	134.0#



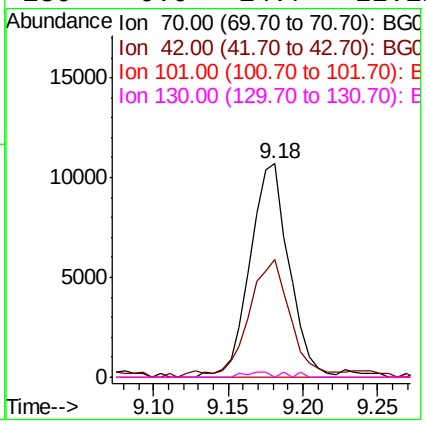


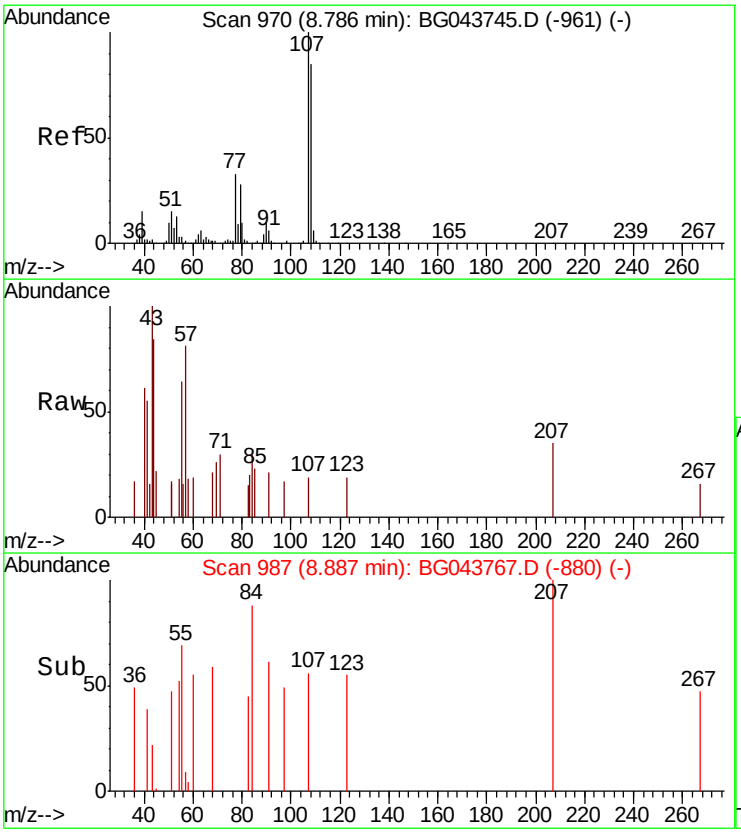
#19
n-Nitroso-di-n-propylamine
Concen: 16.406 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19351

Ion	Ratio	Lower	Upper
70	100		
42	55.0	56.4	84.6#
101	0.0	6.7	10.1#
130	0.0	14.7	22.1#

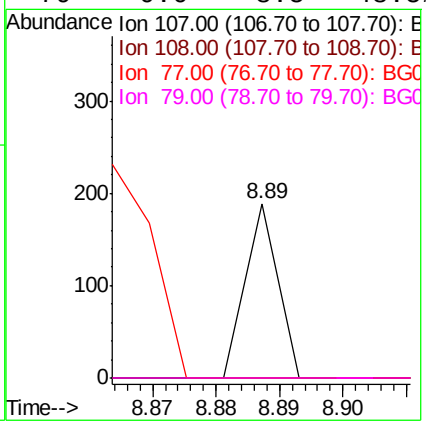


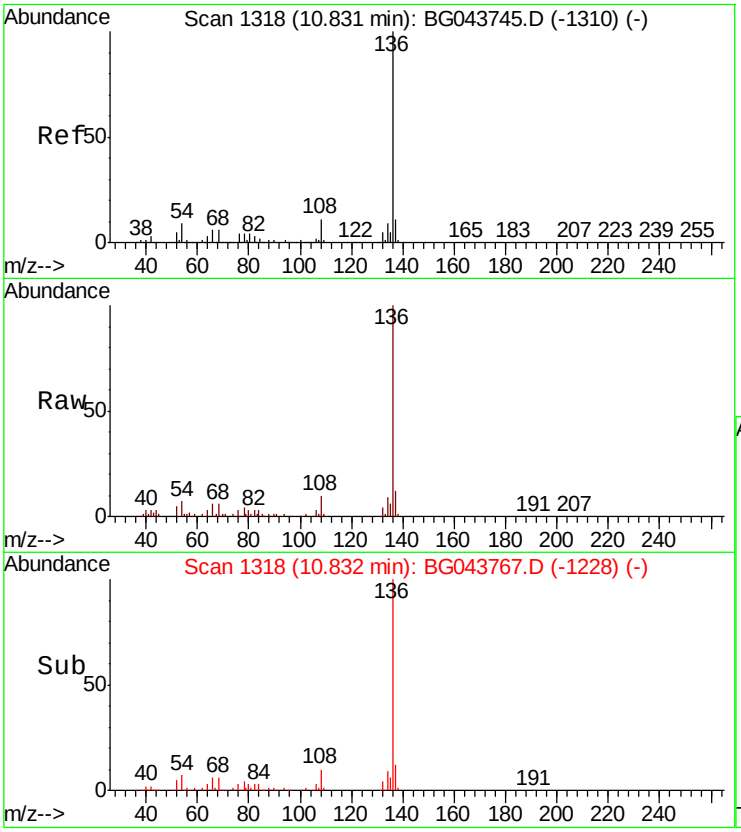


#20
3+4-Methylphenols
Concen: 0.044 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.10 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:107 Resp: 67

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#



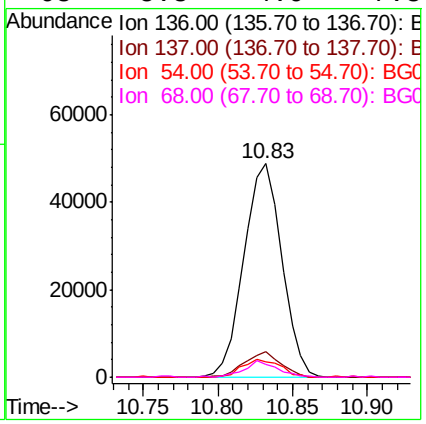


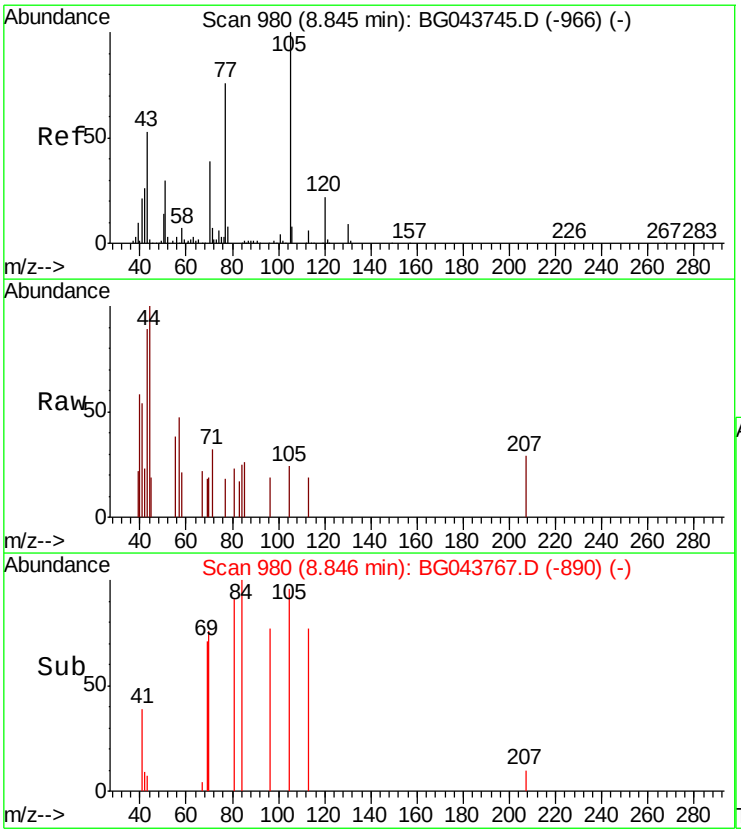
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 85858

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	7.4	7.5	11.3#
68	5.8	4.9	7.3

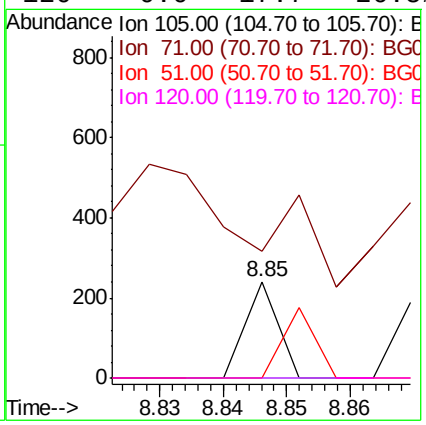


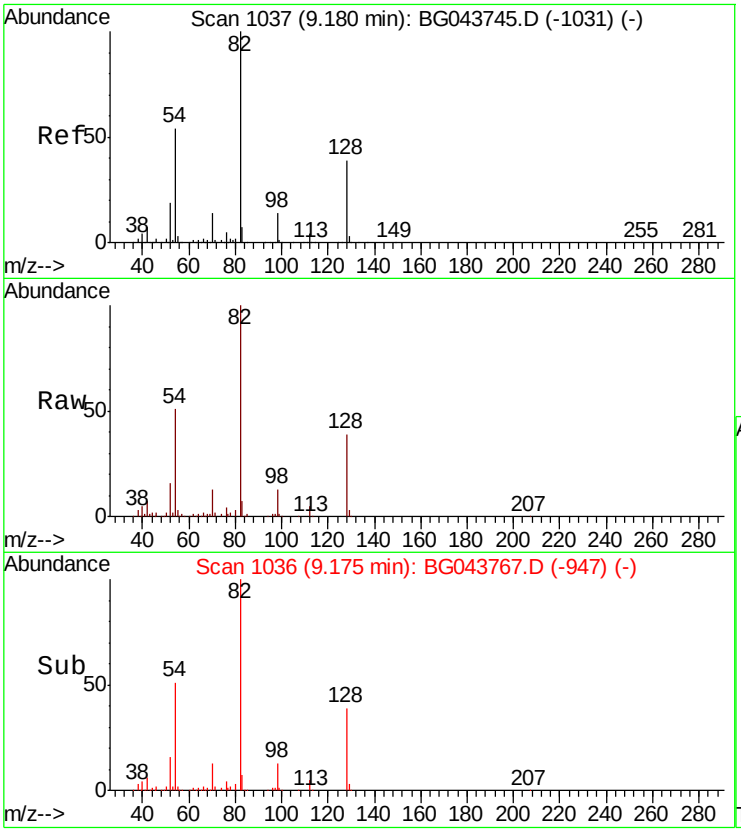


#22
Acetophenone
Concen: 0.037 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:105 Resp: 85

Ion	Ratio	Lower	Upper
105	100		
71	132.5	6.3	9.5#
51	0.0	24.7	37.1#
120	0.0	17.7	26.5#



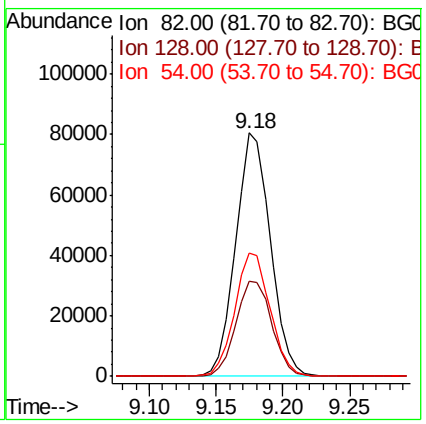


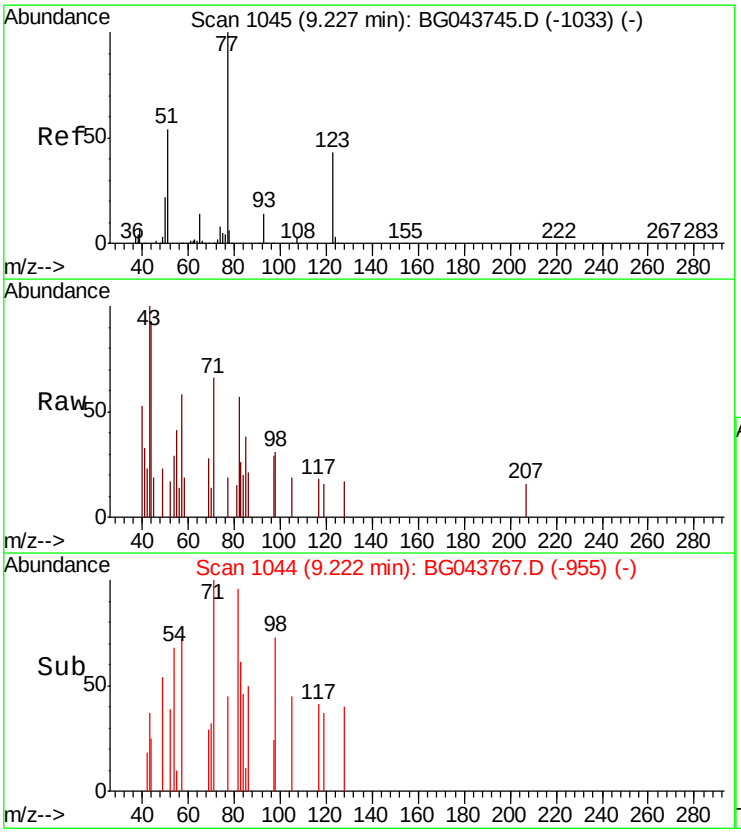
#23
Nitrobenzene-d5
Concen: 92.895 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 145060

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.3	46.9
54	50.6	42.7	64.1

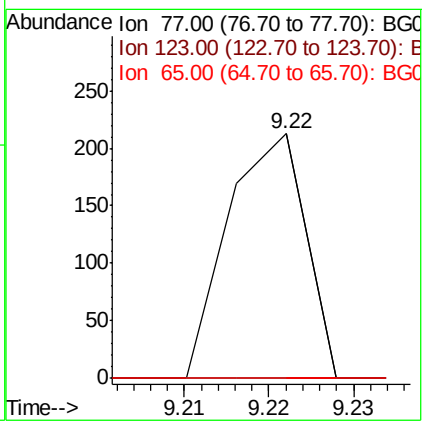


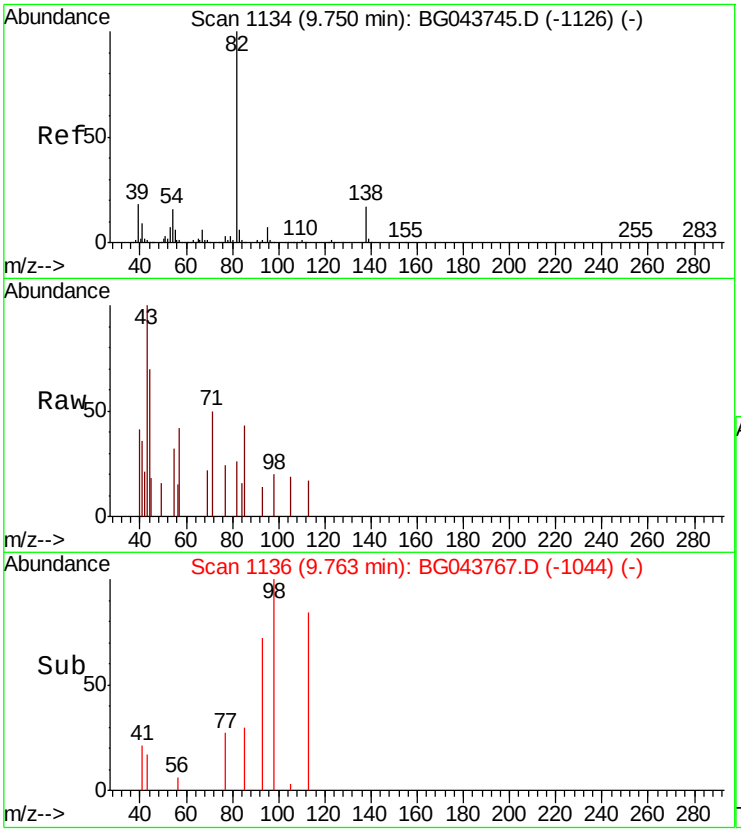


#24
Nitrobenzene
Concen: 0.084 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion: 77 Resp: 135

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



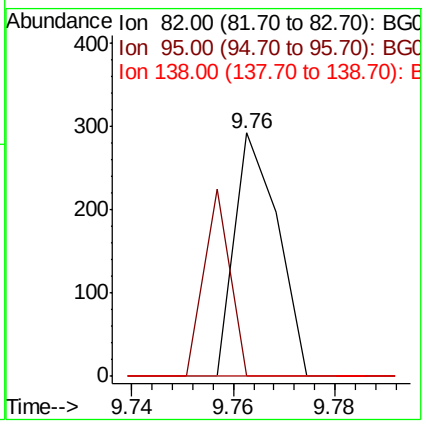


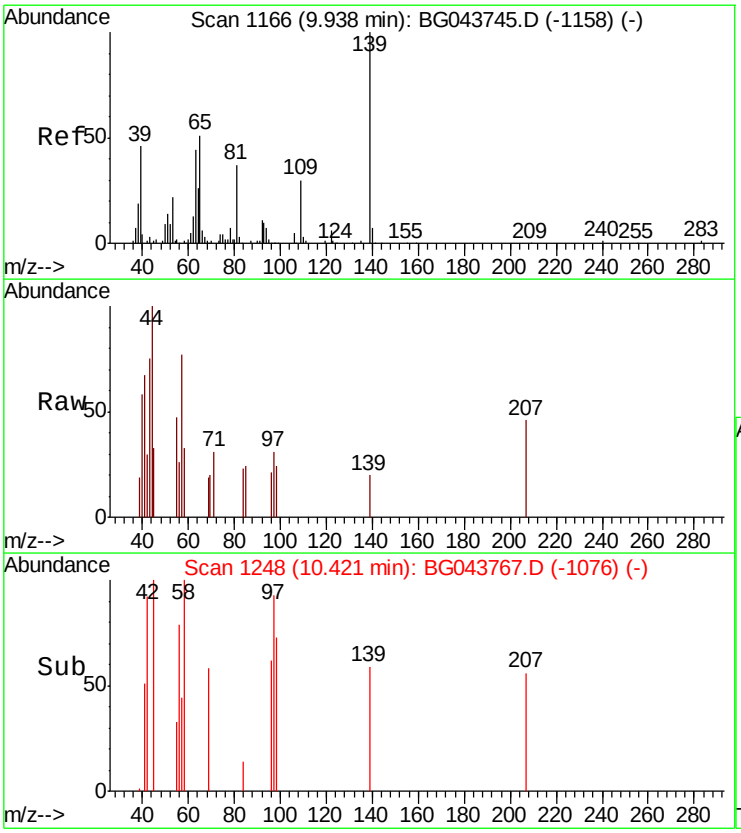
#25
Isophorone
Concen: 0.051 ng
RT: 9.76 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 172

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

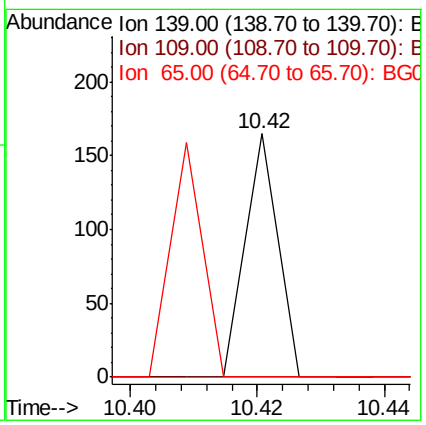


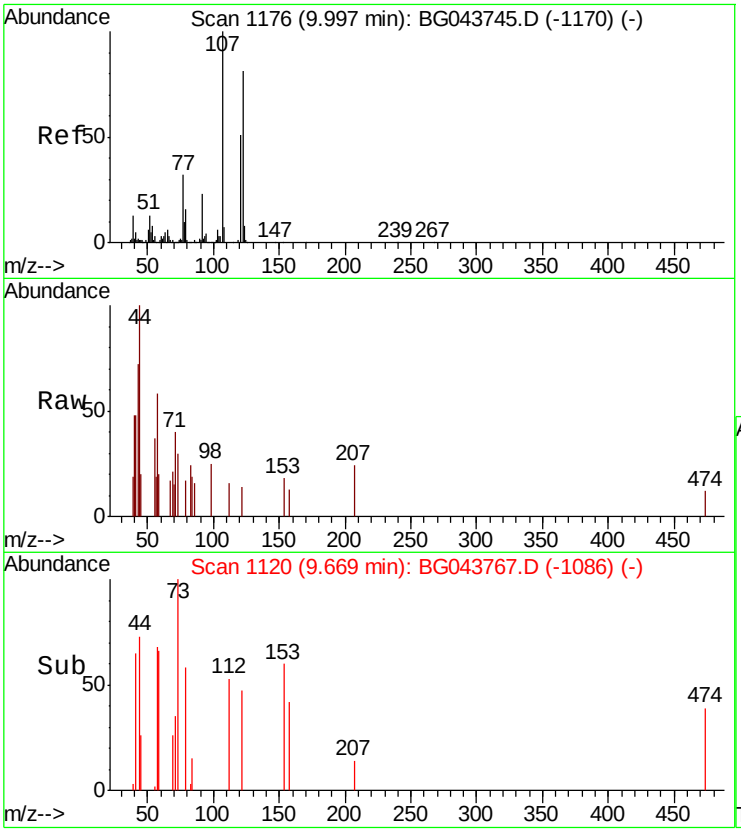


#26
2-Nitrophenol
Concen: 0.100 ng
RT: 10.42 min Scan# 1248
Delta R.T. 0.48 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:139 Resp: 58

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



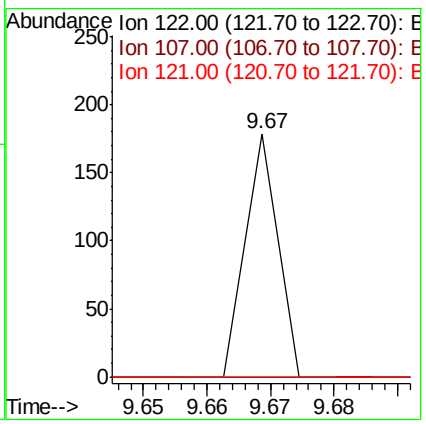


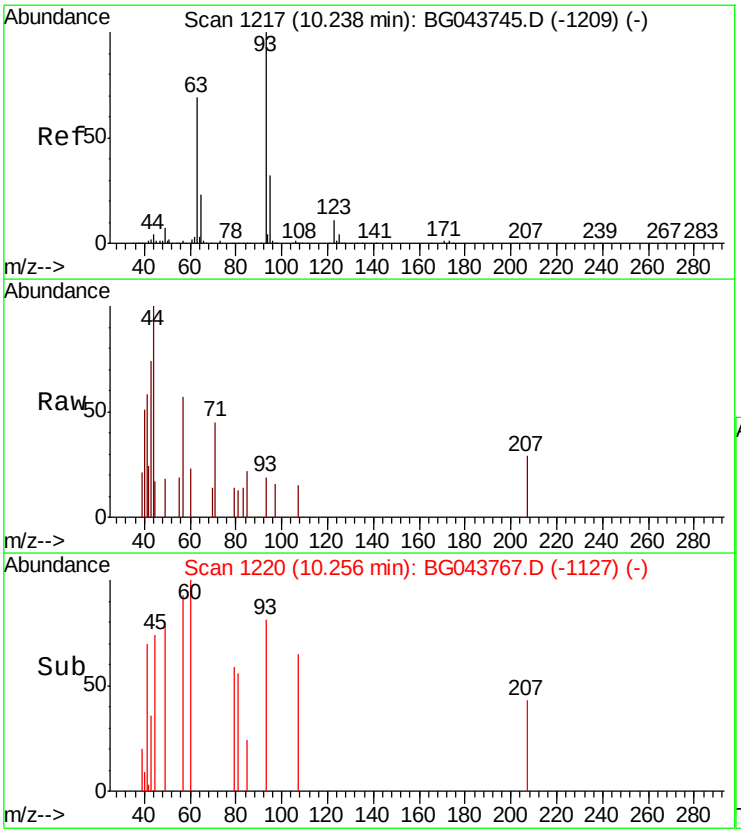
#27
2,4-Dimethylphenol
Concen: 0.055 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.33 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 63

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

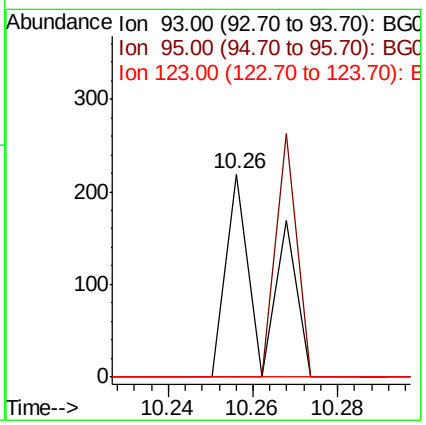


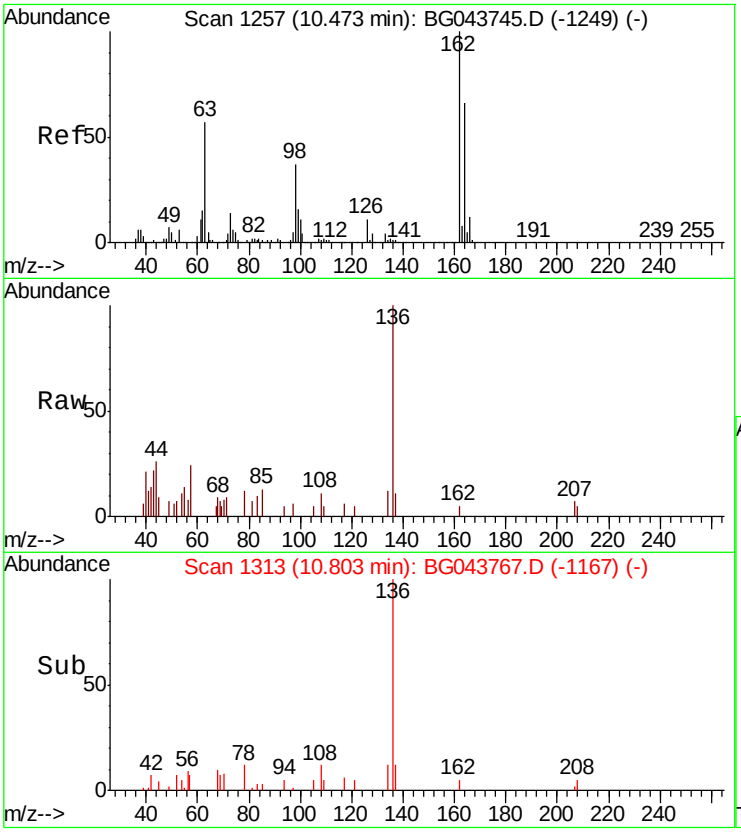


#28
bis(2-Chloroethoxy)methane
Concen: 0.066 ng
RT: 10.26 min Scan# 1220
Delta R.T. 0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion: 93 Resp: 137

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



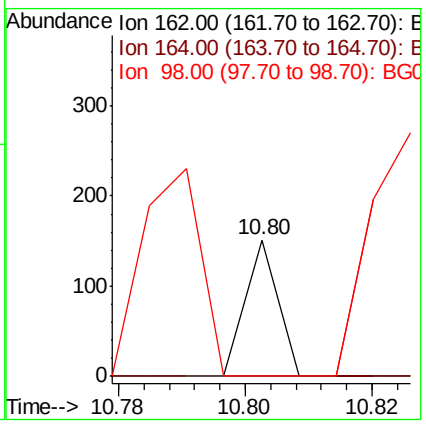


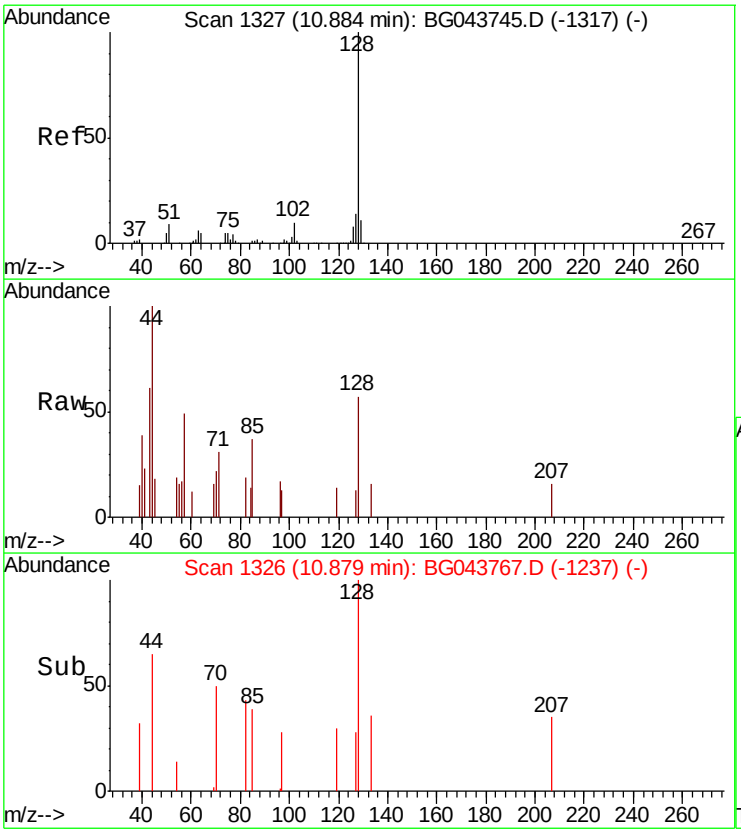
#29
2,4-Dichlorophenol
Concen: 0.038 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.33 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 53

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

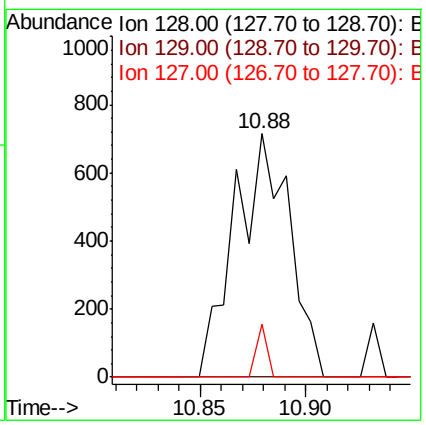


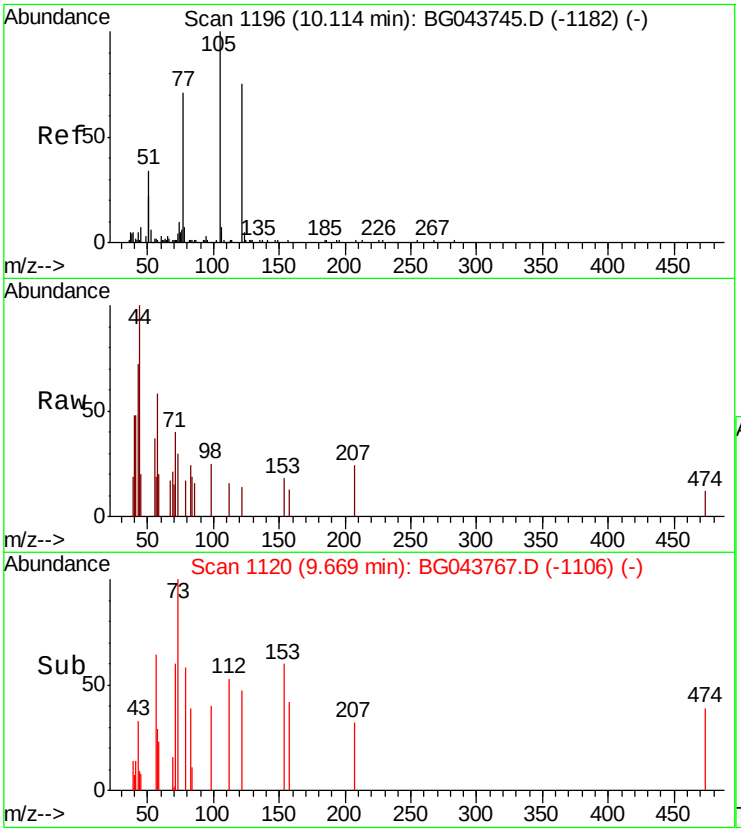


#31
Naphthalene
Concen: 0.301 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:128 Resp: 1283

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.1	13.7#
127	21.8	11.4	17.0#



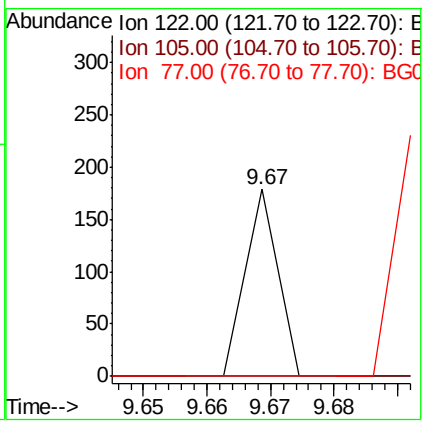


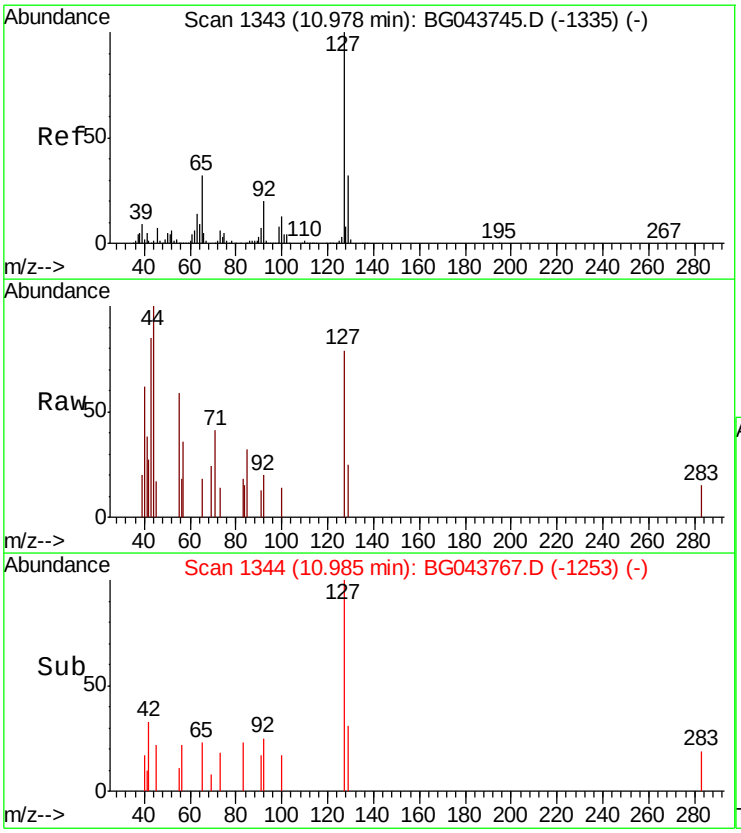
#32
Benzoic acid
Concen: 0.077 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.45 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 63

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

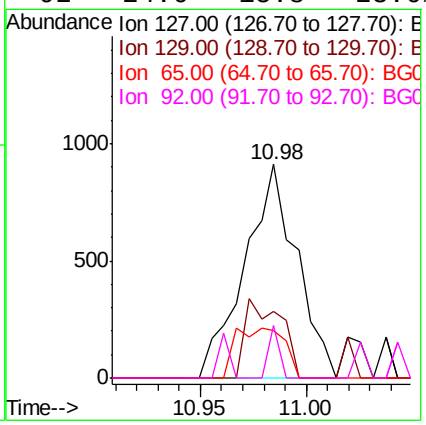


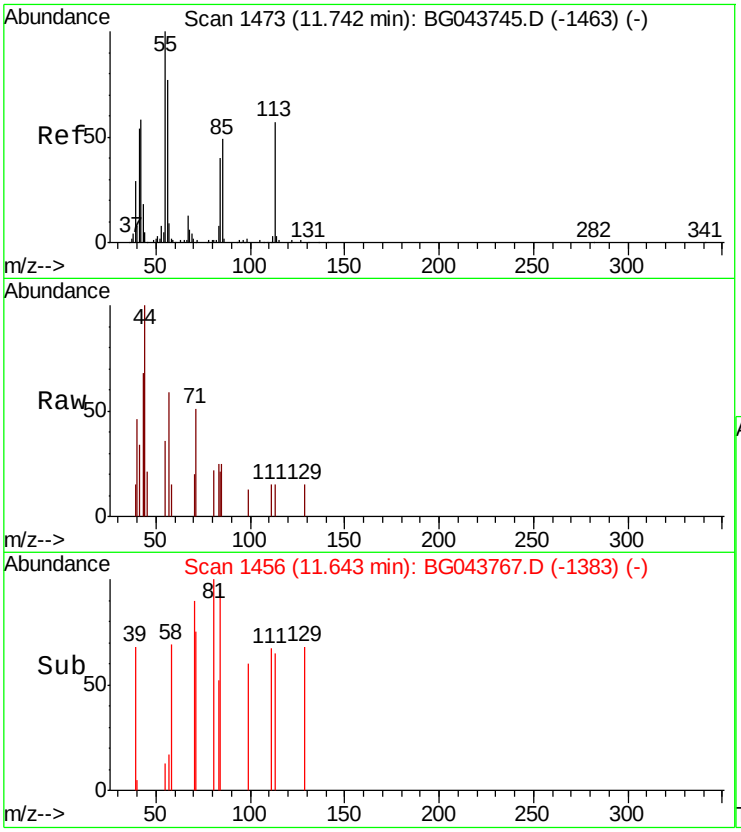


#33
4-Chloroaniline
Concen: 0.760 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:127 Resp: 1559

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	22.5	25.8	38.8#
92	24.6	15.8	23.6#



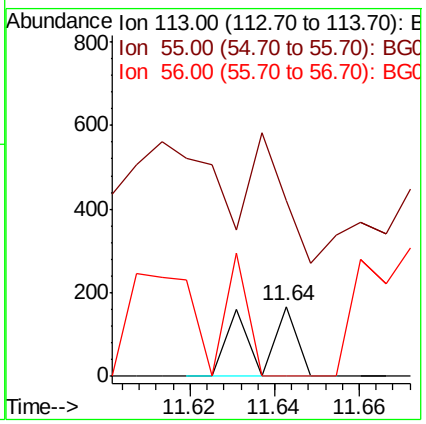


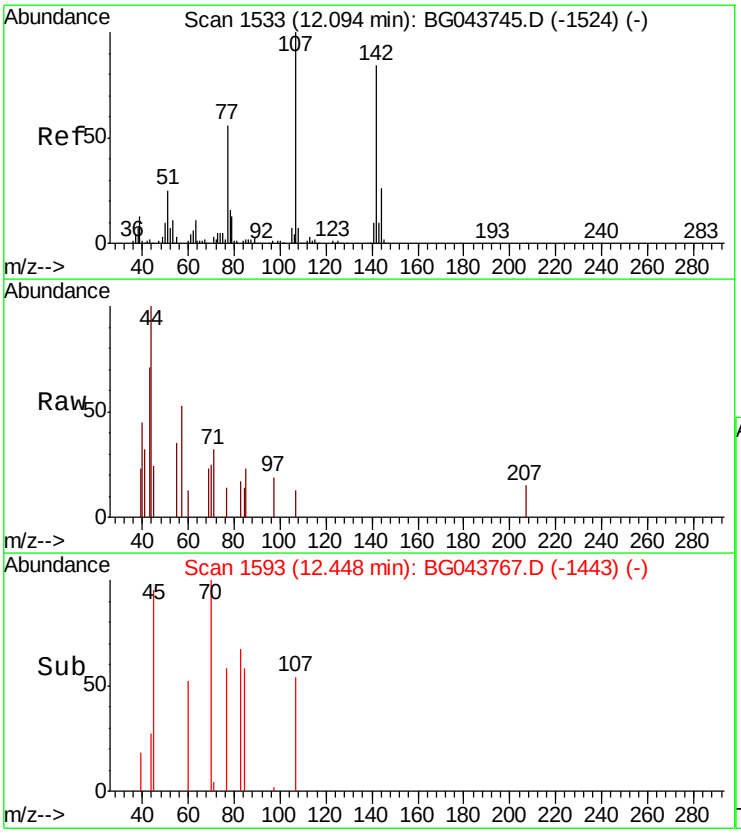
#35
Caprolactam
Concen: 0.206 ng
RT: 11.64 min Scan# 1456
Delta R.T. -0.10 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 116

Ion	Ratio	Lower	Upper
113	100		
55	250.0	160.9	200.9#
56	0.0	116.8	156.8#

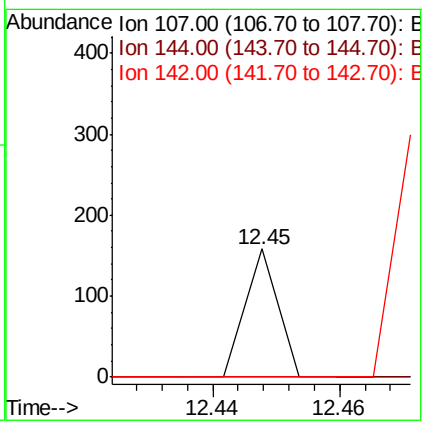


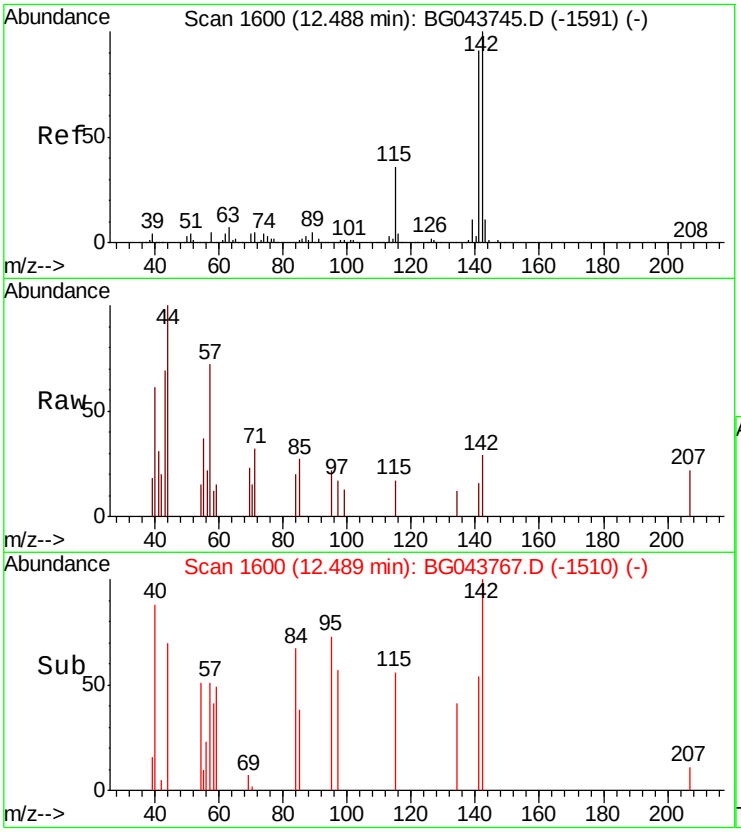


#36
4-Chloro-3-methylphenol
Concen: 0.036 ng
RT: 12.45 min Scan# 1593
Delta R.T. 0.35 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:107 Resp: 56

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



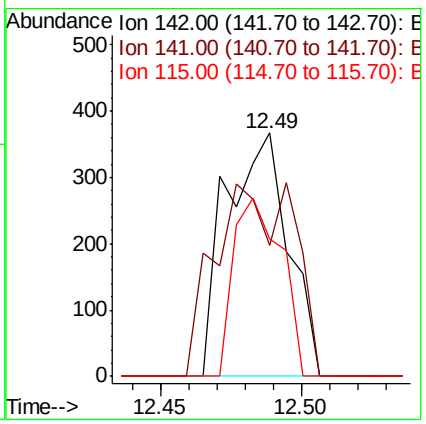


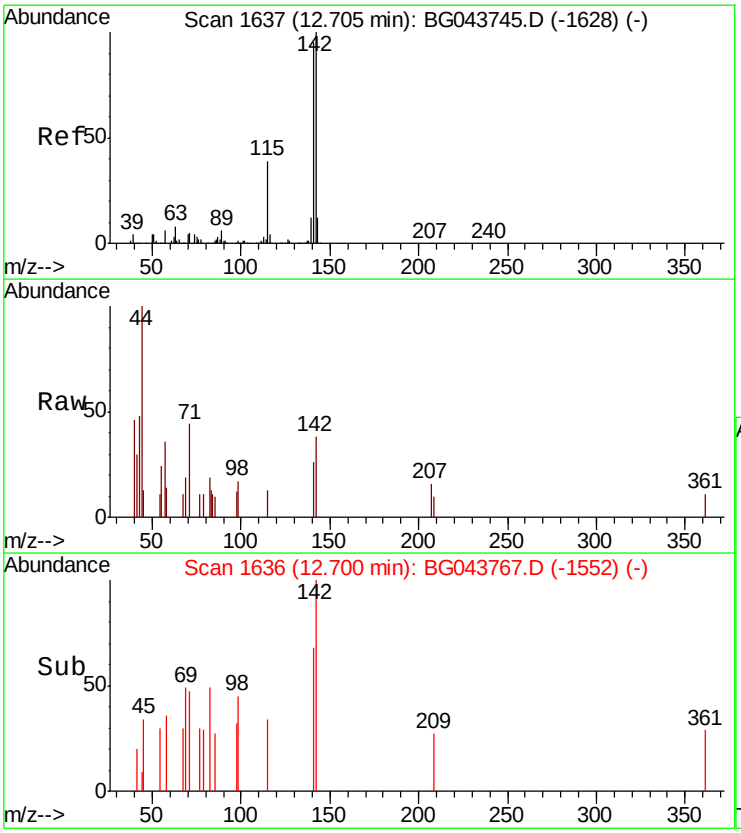
#37
2-Methylnaphthalene
Concen: 0.175 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 561

Ion	Ratio	Lower	Upper
142	100		
141	54.0	72.8	109.2#
115	56.4	28.9	43.3#

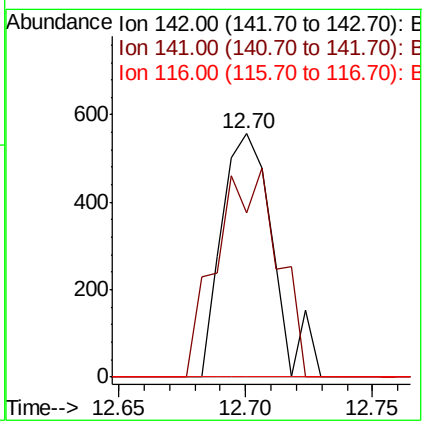


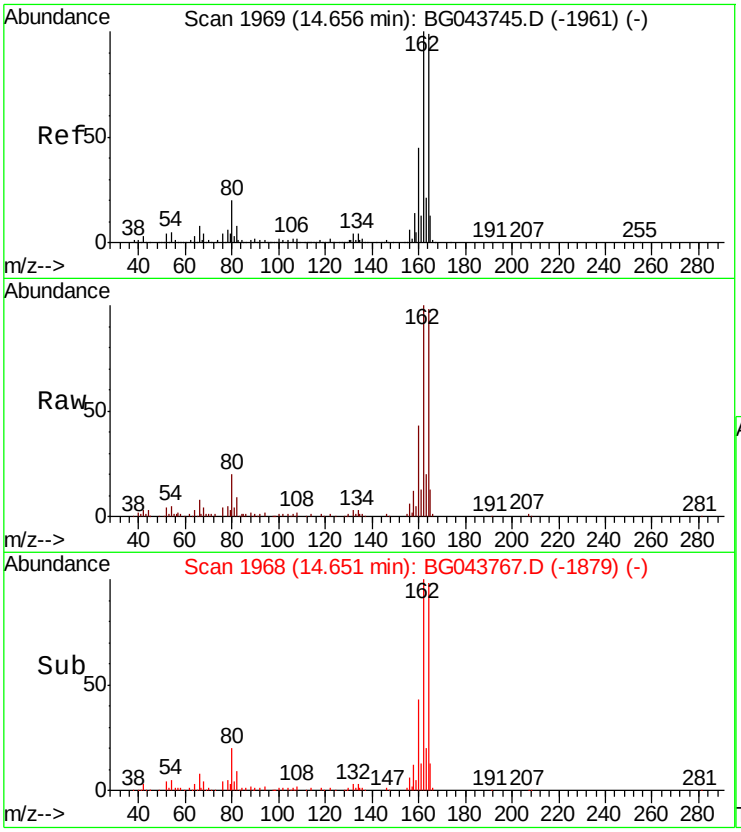


#38
1-Methylnaphthalene
Concen: 0.257 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:142 Resp: 783

Ion	Ratio	Lower	Upper
142	100		
141	67.5	75.8	113.8#
116	0.0	3.4	5.0#



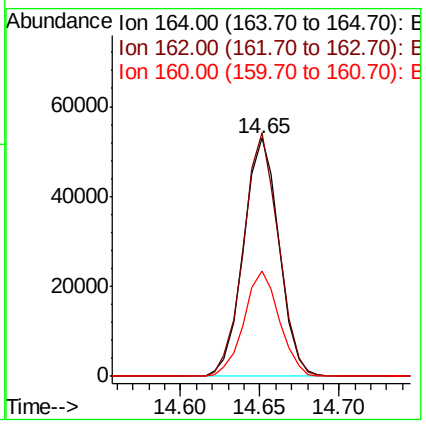


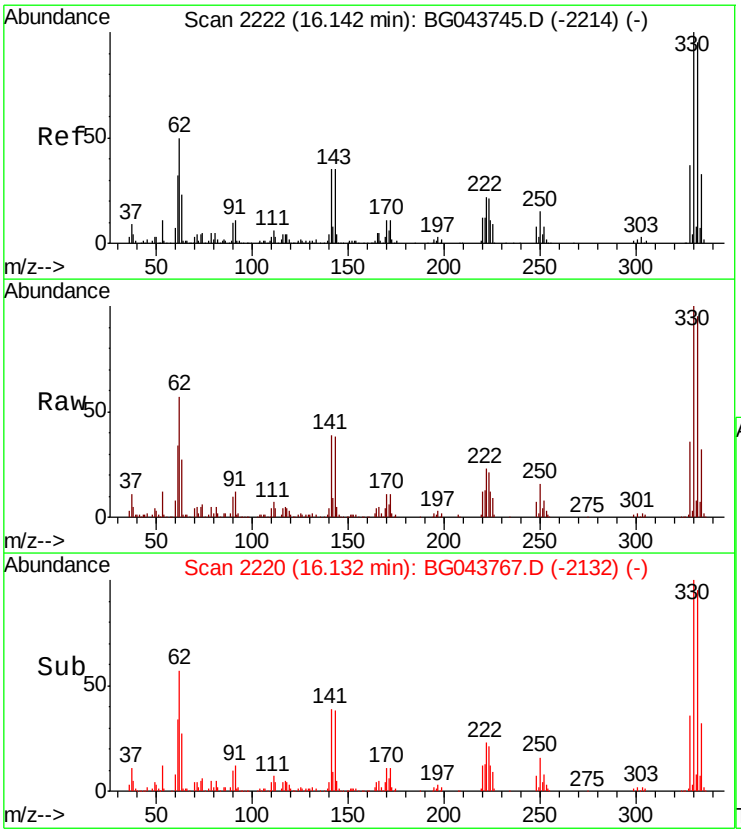
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 82275

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	121.0
160	44.2	36.3	54.5

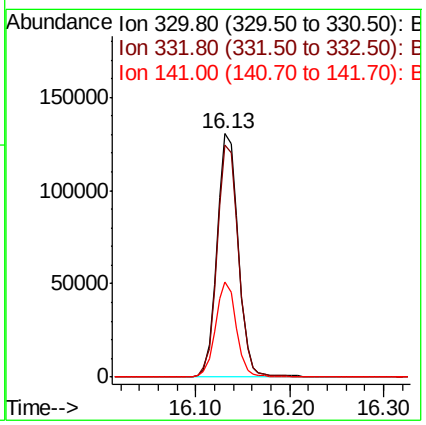


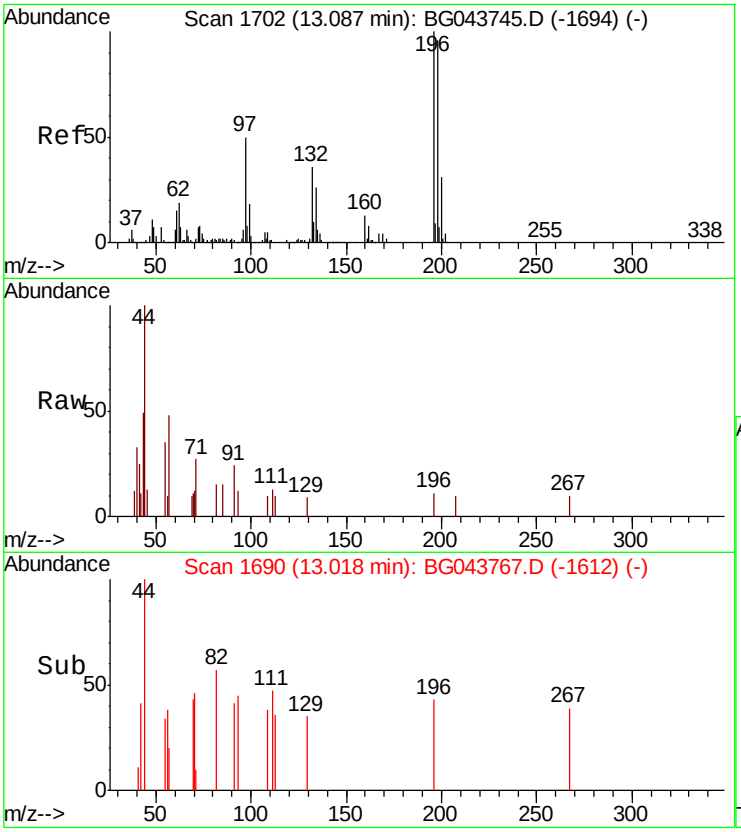


#42
2,4,6-Tribromophenol
Concen: 207.544 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:330 Resp: 205959

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	38.2	31.4	47.2



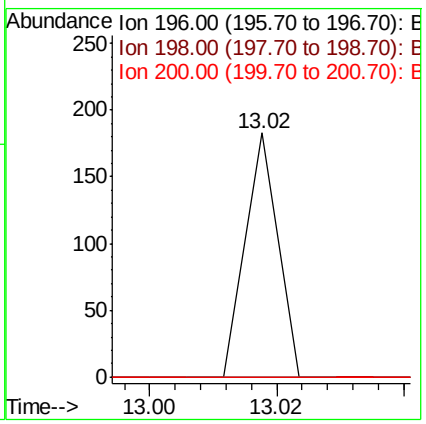


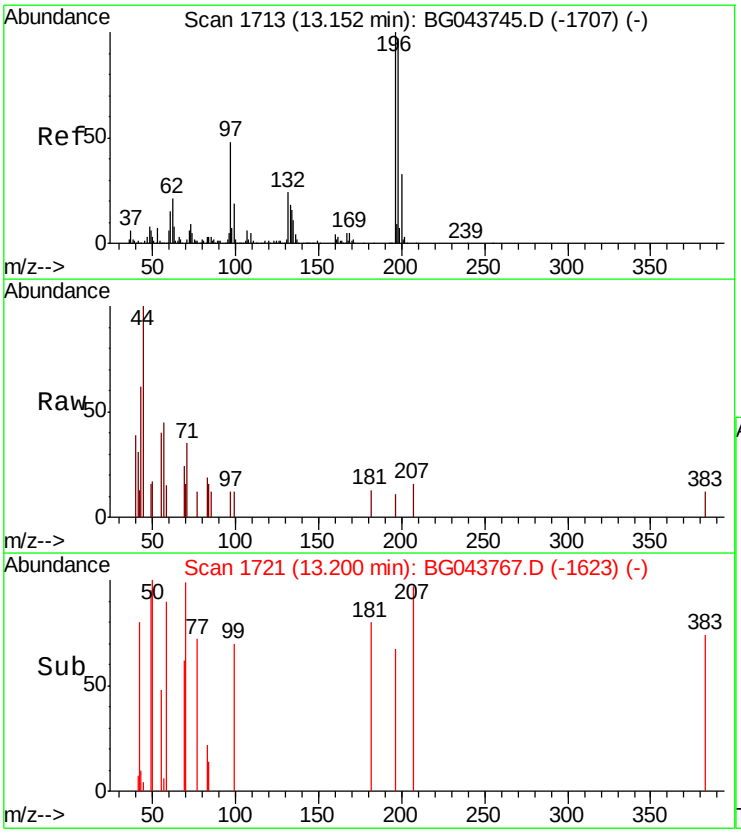
#43
2,4,6-Trichlorophenol
Concen: 0.039 ng
RT: 13.02 min Scan# 1690
Delta R.T. -0.07 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 65

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

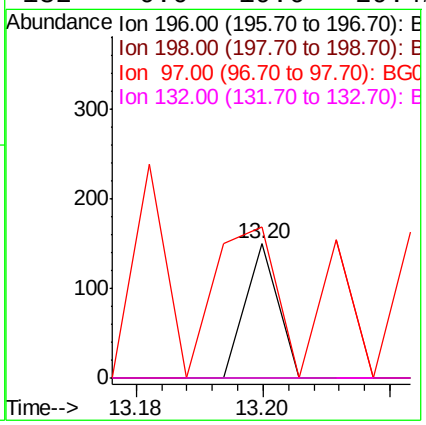


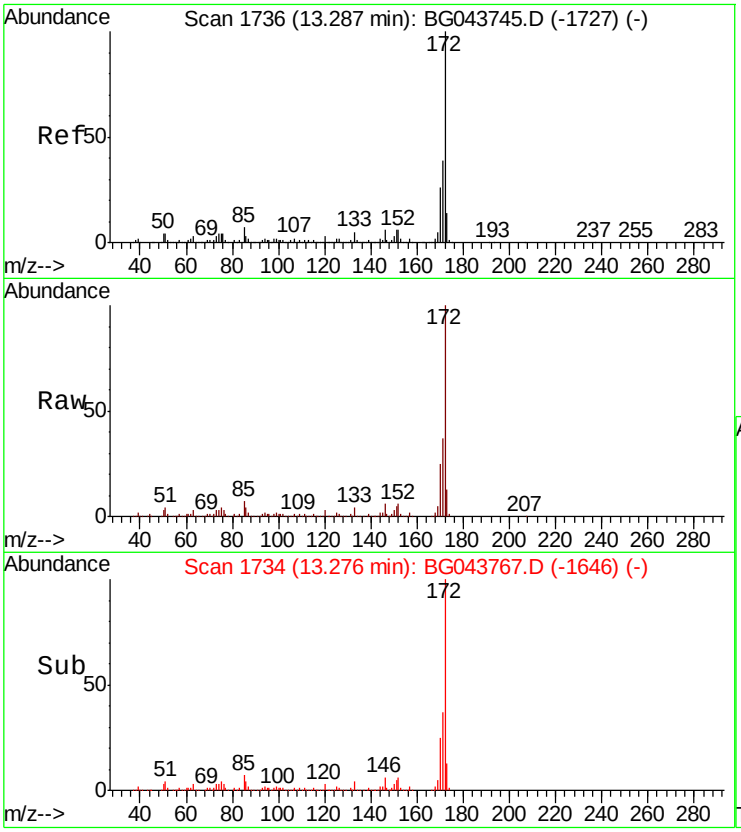


#44
2,4,5-Trichlorophenol
Concen: 0.030 ng
RT: 13.20 min Scan# 1721
Delta R.T. 0.05 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:196 Resp: 53

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
97	112.7	39.1	58.7#
132	0.0	19.6	29.4#



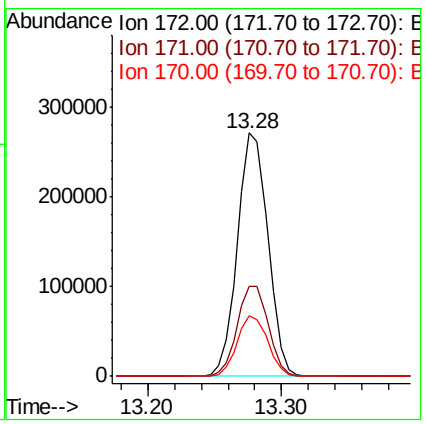


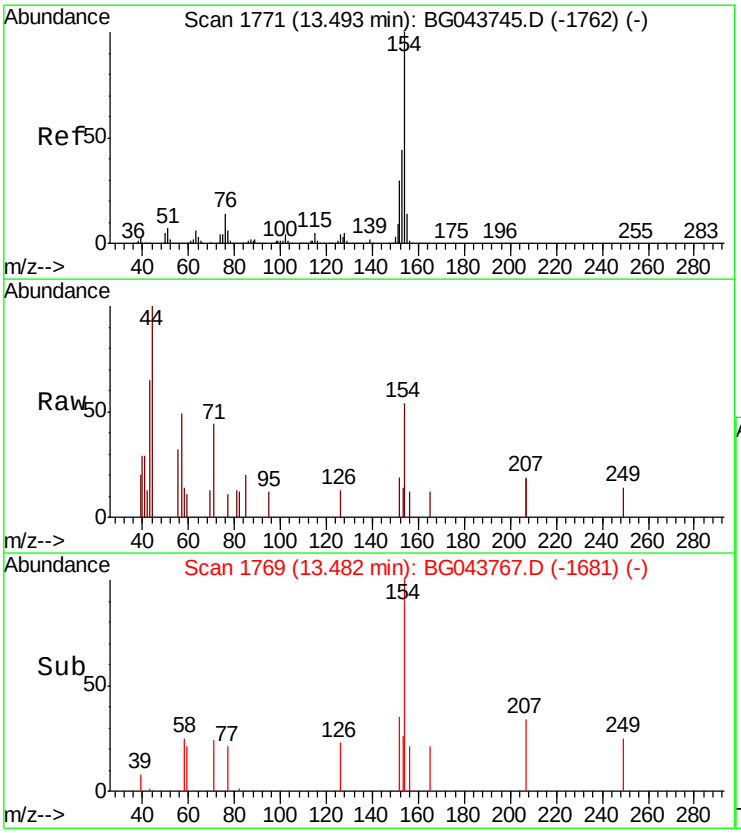
#45
2-Fluorobiphenyl
Concen: 85.592 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 428408

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.6
170	24.8	21.0	31.4

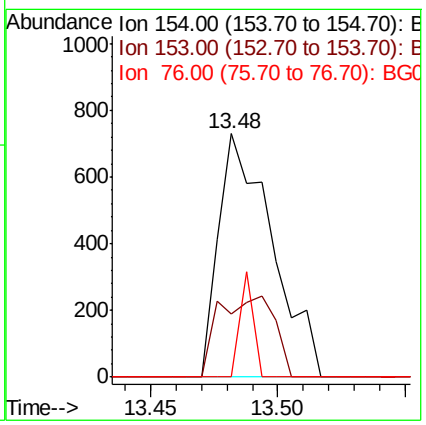


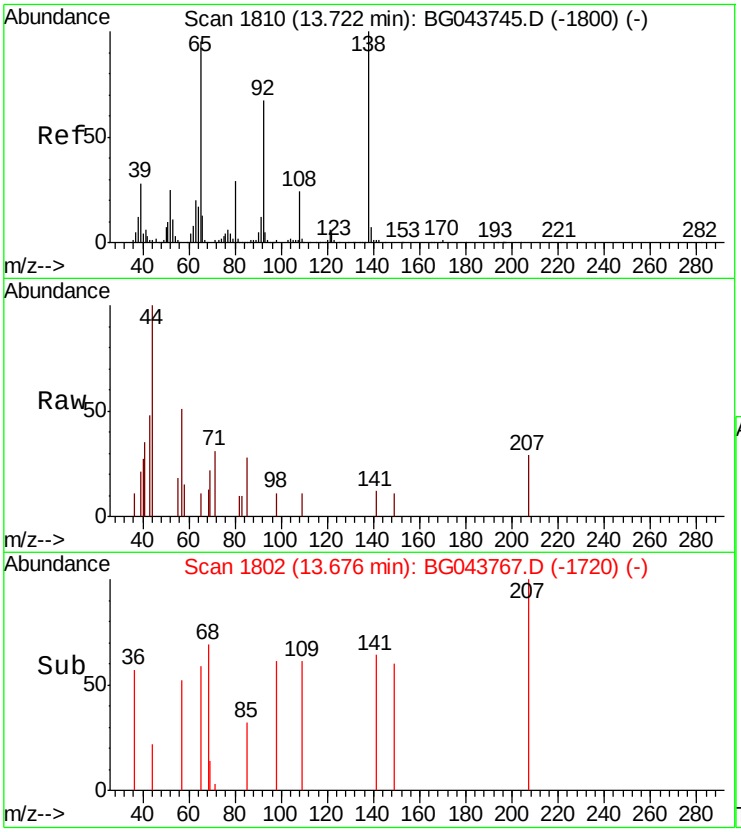


#46
1,1'-Biphenyl
Concen: 0.187 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:154 Resp: 1069

Ion	Ratio	Lower	Upper
154	100		
153	25.8	23.5	63.5
76	0.0	0.0	33.6



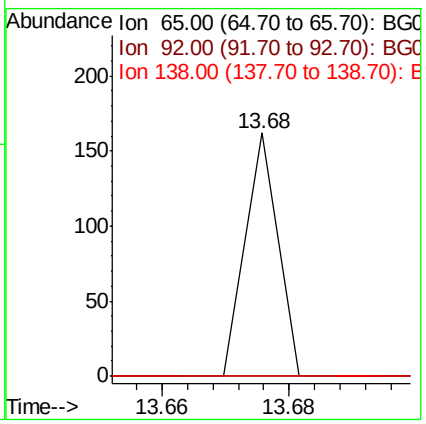


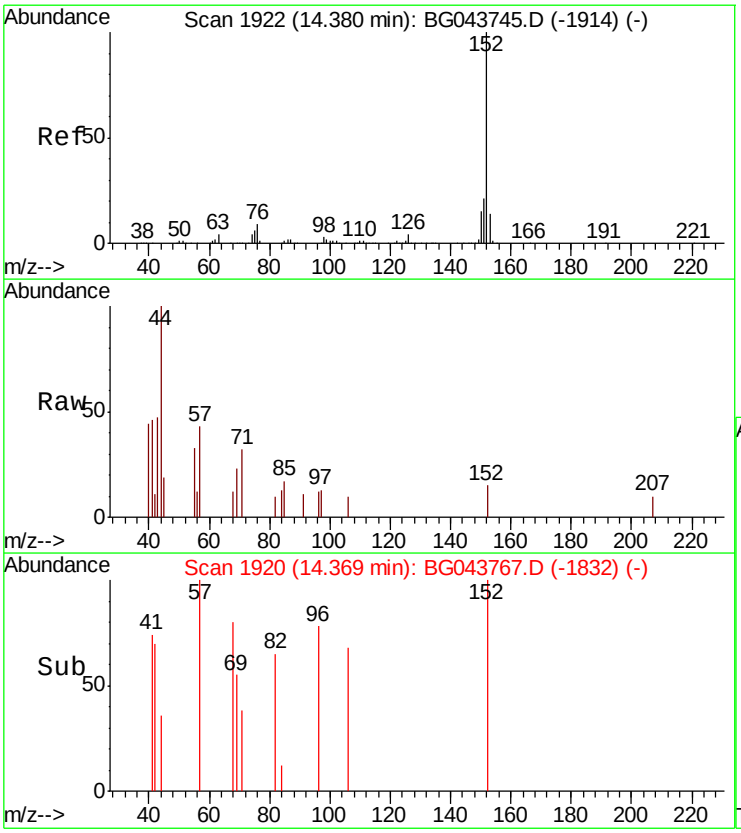
#48
2-Nitroaniline
Concen: 0.042 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.05 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 57

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

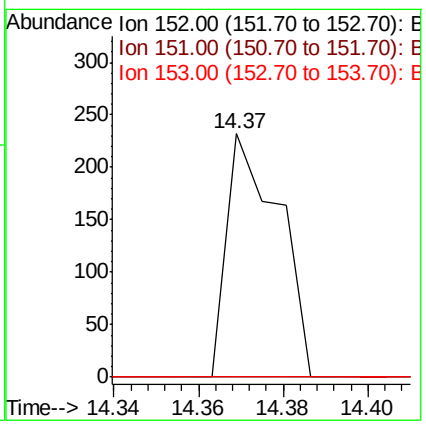


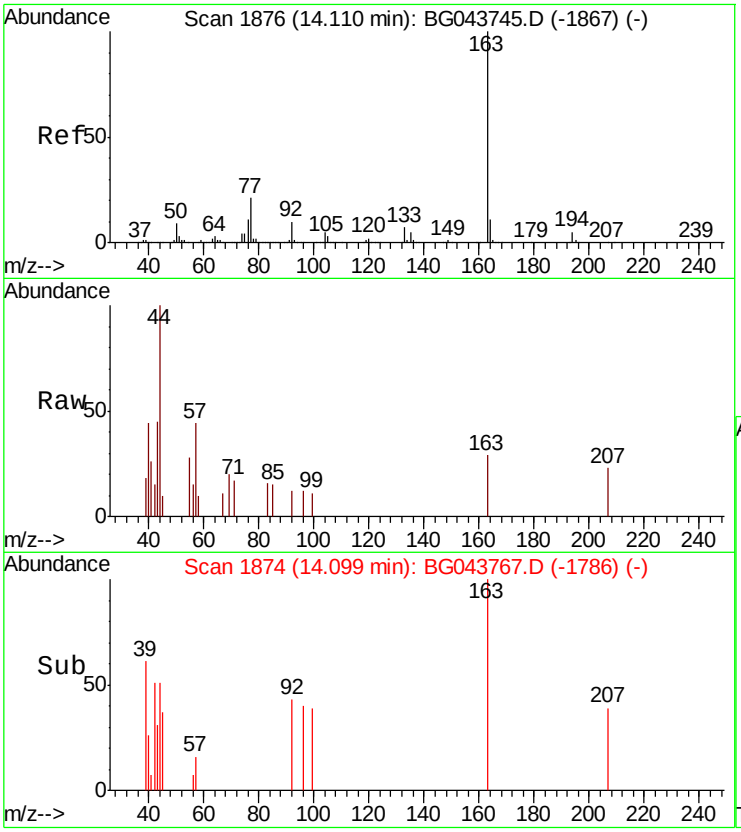


#49
Acenaphthylene
Concen: 0.027 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:152 Resp: 198

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



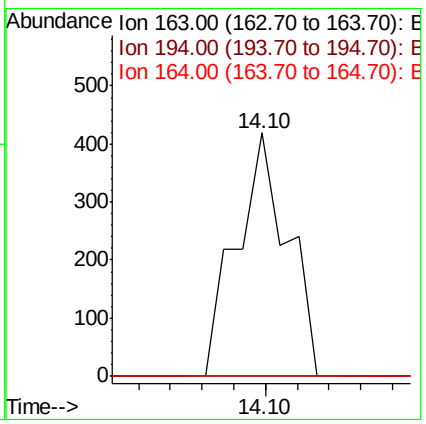


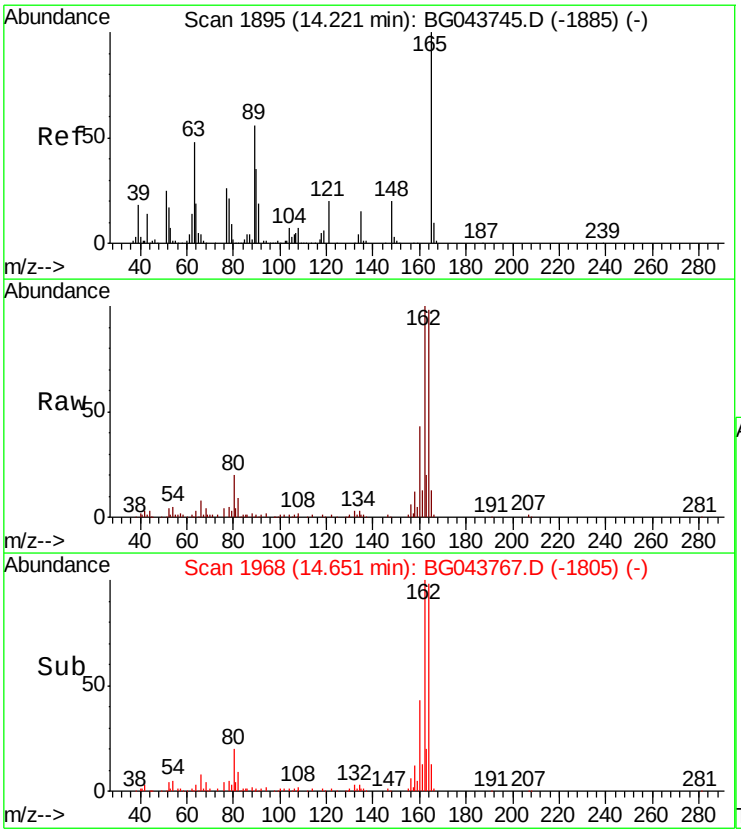
#50
Dimethylphthalate
Concen: 0.072 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 467

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

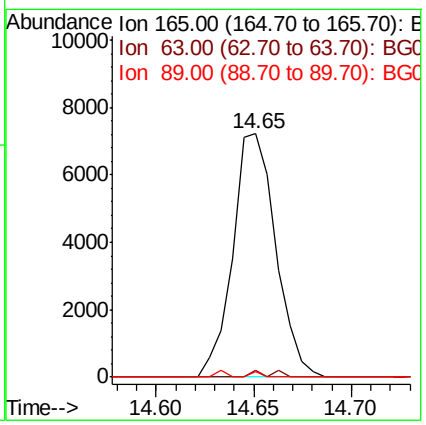


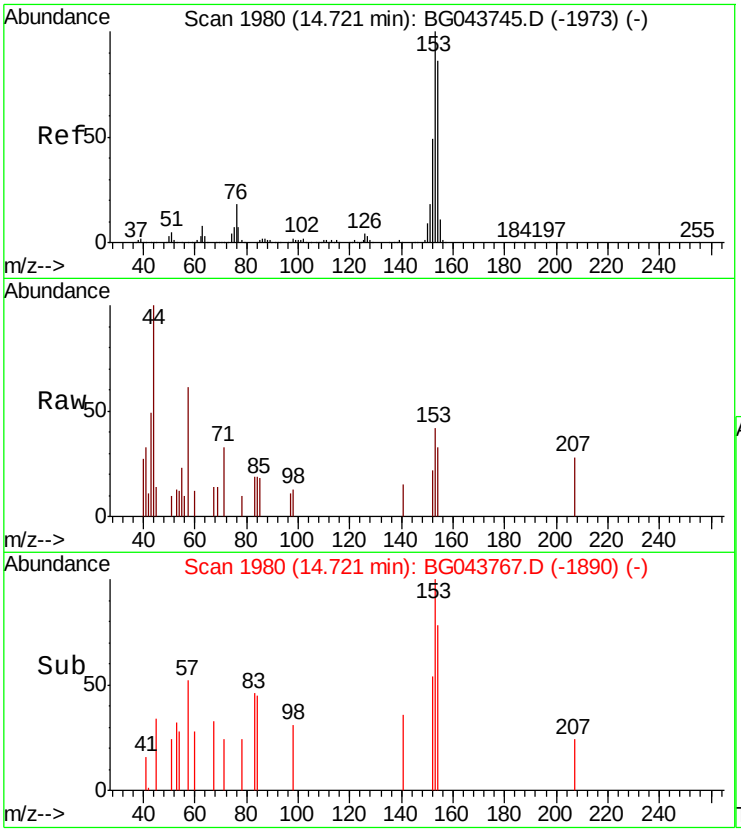


#51
2,6-Dinitrotoluene
Concen: 9.056 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:165 Resp: 10961

Ion	Ratio	Lower	Upper
165	100		
63	3.0	43.4	65.2#
89	2.5	44.6	67.0#



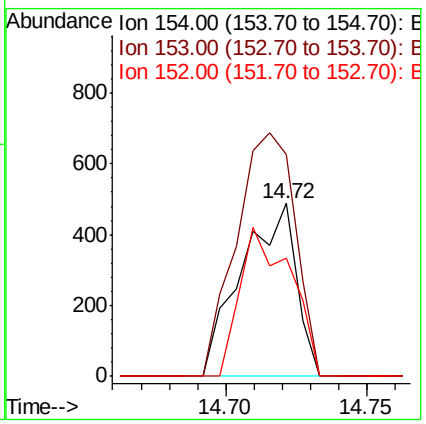


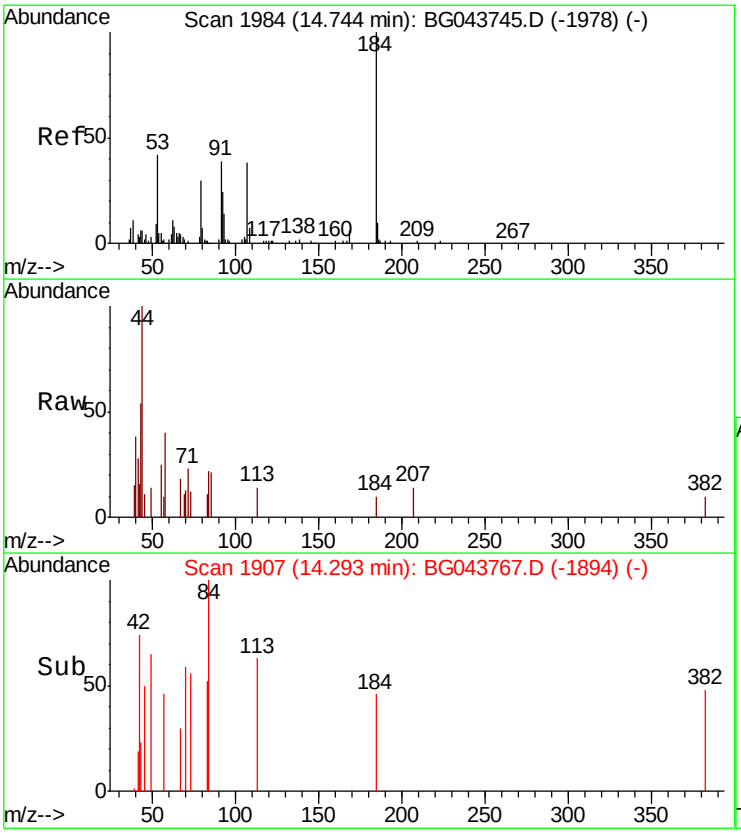
#52
Acenaphthene
Concen: 0.141 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 658

Ion	Ratio	Lower	Upper
154	100		
153	128.0	92.9	139.3
152	68.5	45.2	67.8#

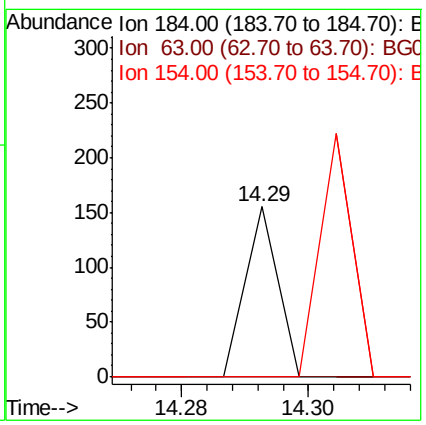


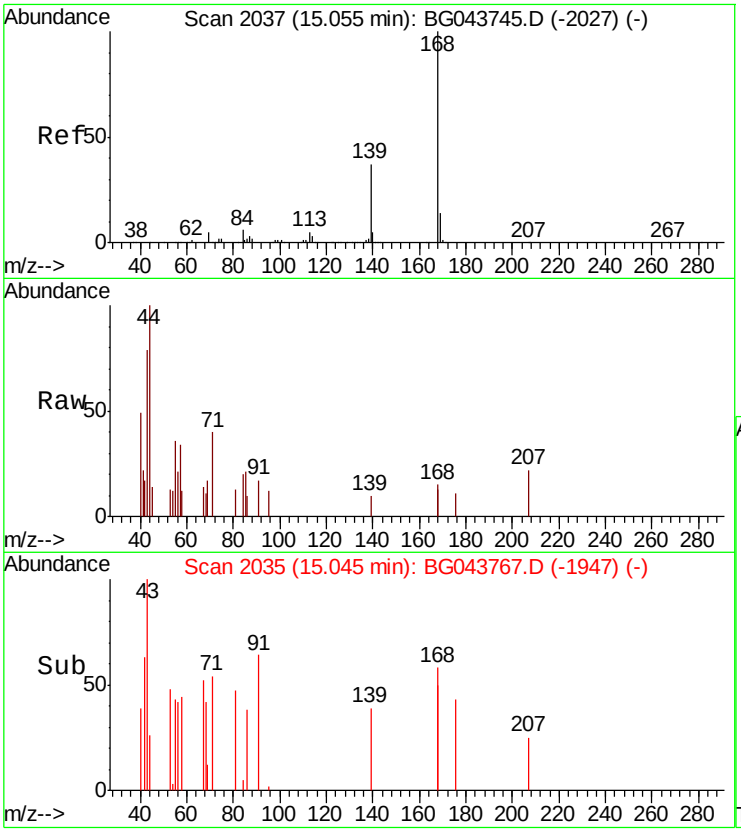


#54
2,4-Dinitrophenol
Concen: 0.111 ng
RT: 14.29 min Scan# 1907
Delta R.T. -0.45 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.4	78.6#
154	0.0	92.8	139.2#



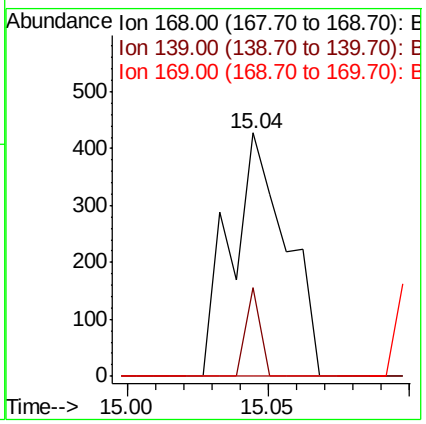


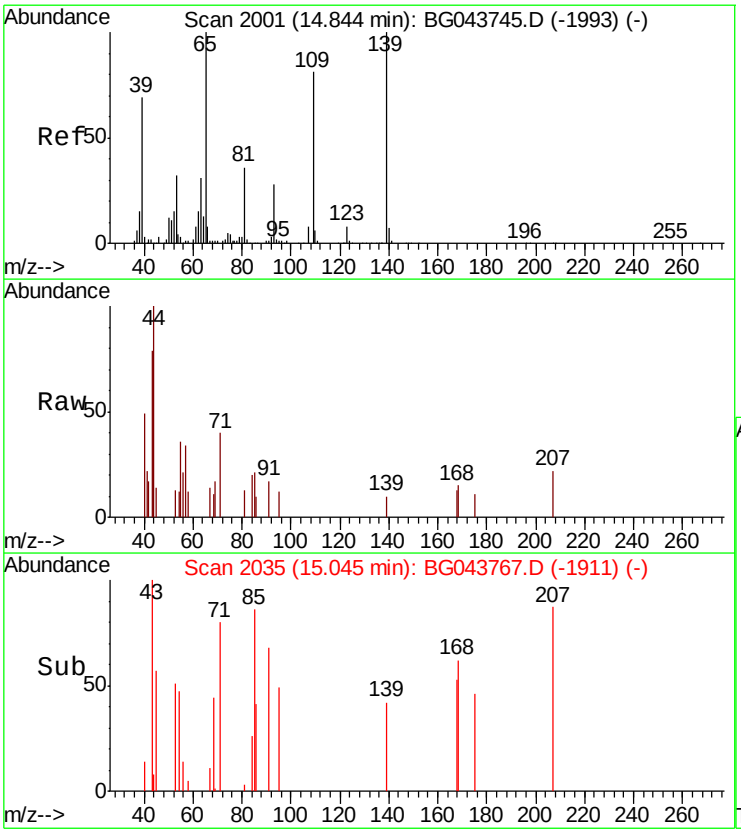
#55
Dibenzofuran
Concen: 0.080 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 581

Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.4	44.2
169	0.0	11.3	16.9#

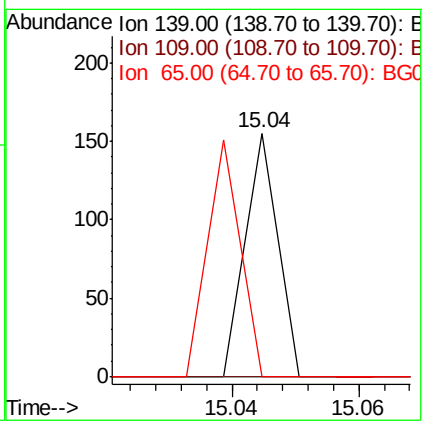


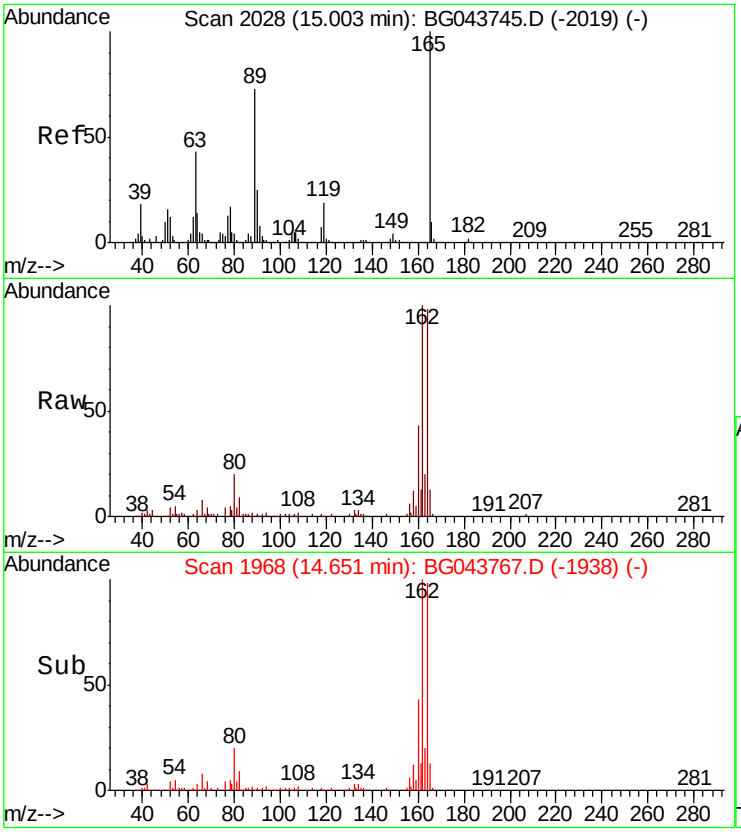


#56
4-Nitrophenol
Concen: 0.046 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.20 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:139 Resp: 55

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



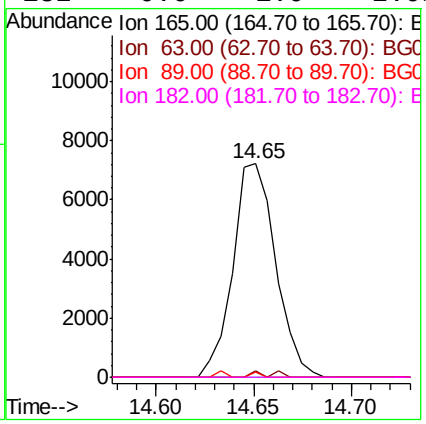


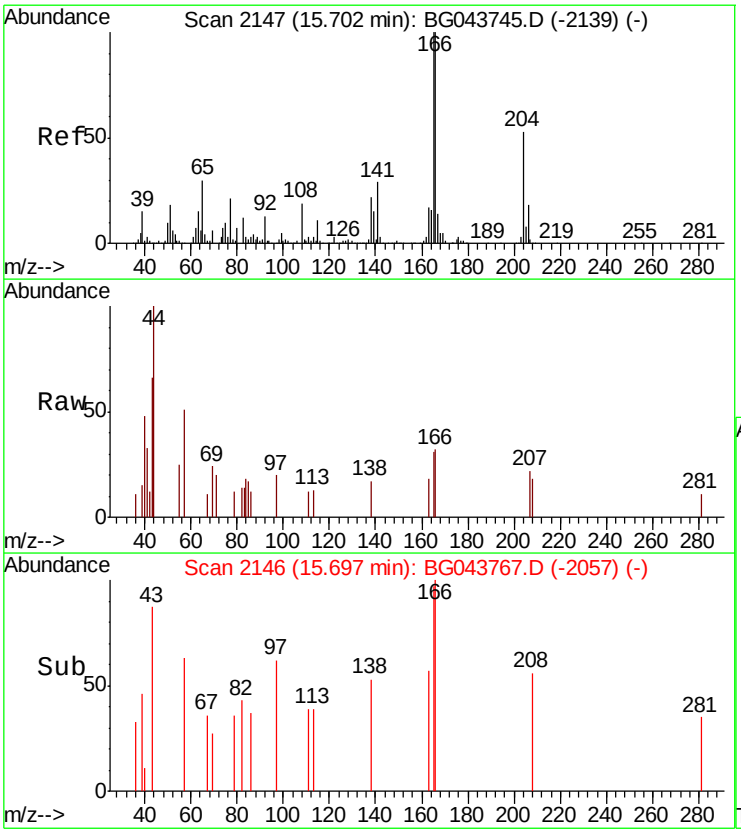
#57
2,4-Dinitrotoluene
Concen: 6.530 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.35 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10961

Ion	Ratio	Lower	Upper
165	100		
63	3.0	34.6	51.8#
89	2.5	58.3	87.5#
182	0.0	1.9	2.9#

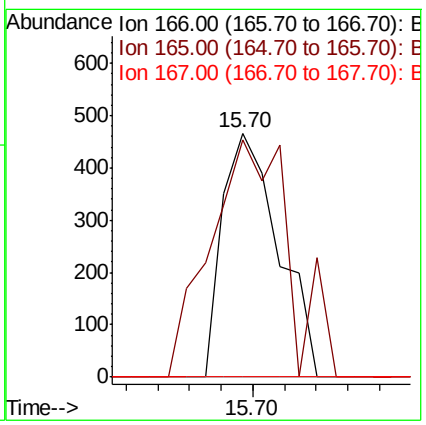


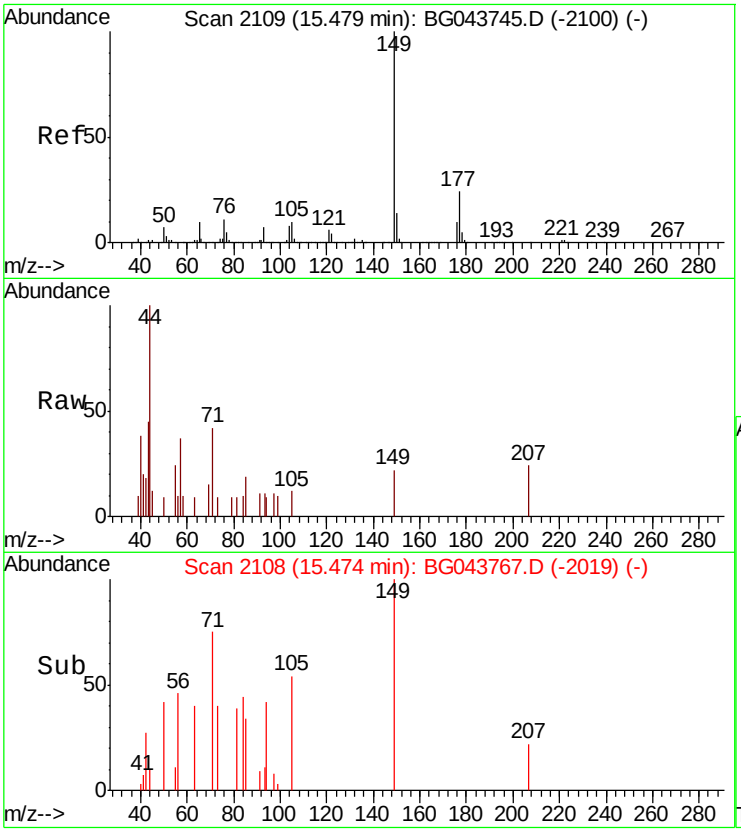


#58
Fluorene
Concen: 0.096 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:166 Resp: 571

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.9	119.9
167	0.0	11.4	17.0#



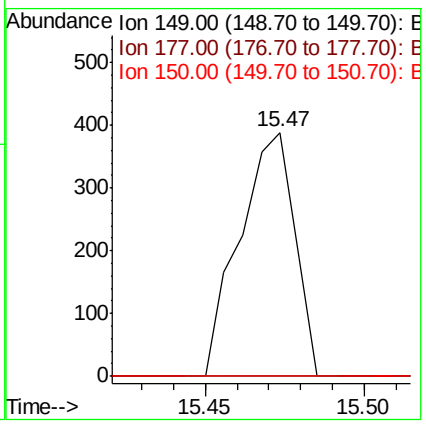


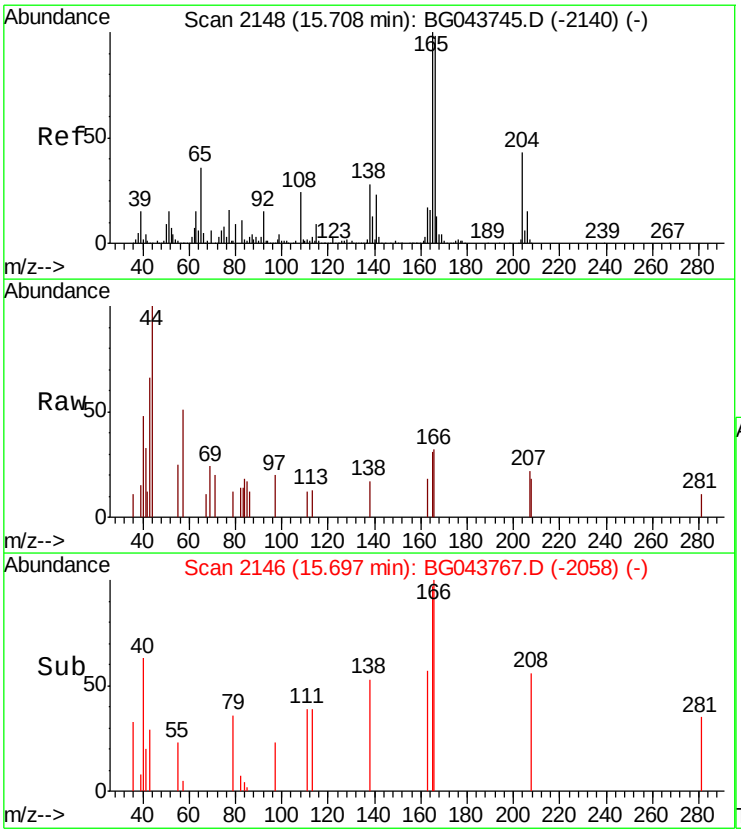
#60
Diethylphthalate
Concen: Below Cal
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 467

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

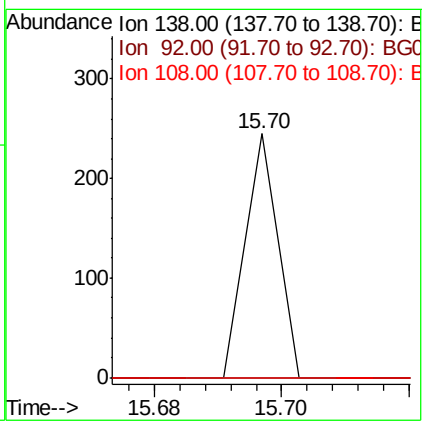


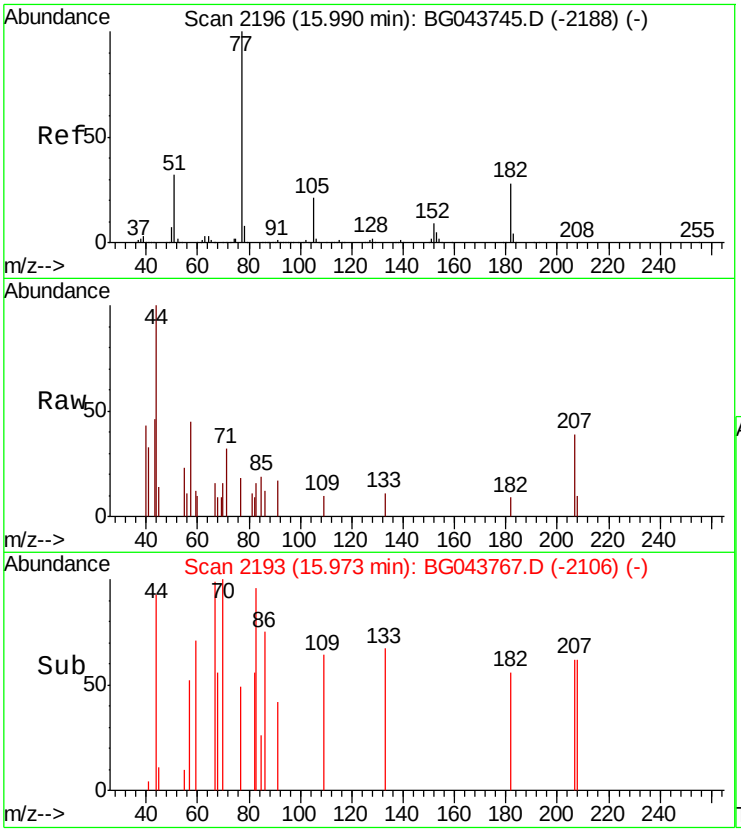


#62
4-Nitroaniline
Concen: 0.053 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:138 Resp: 86

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



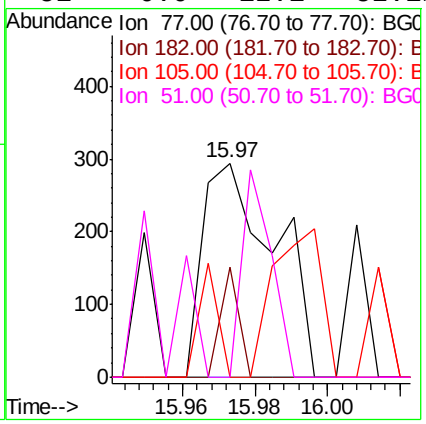


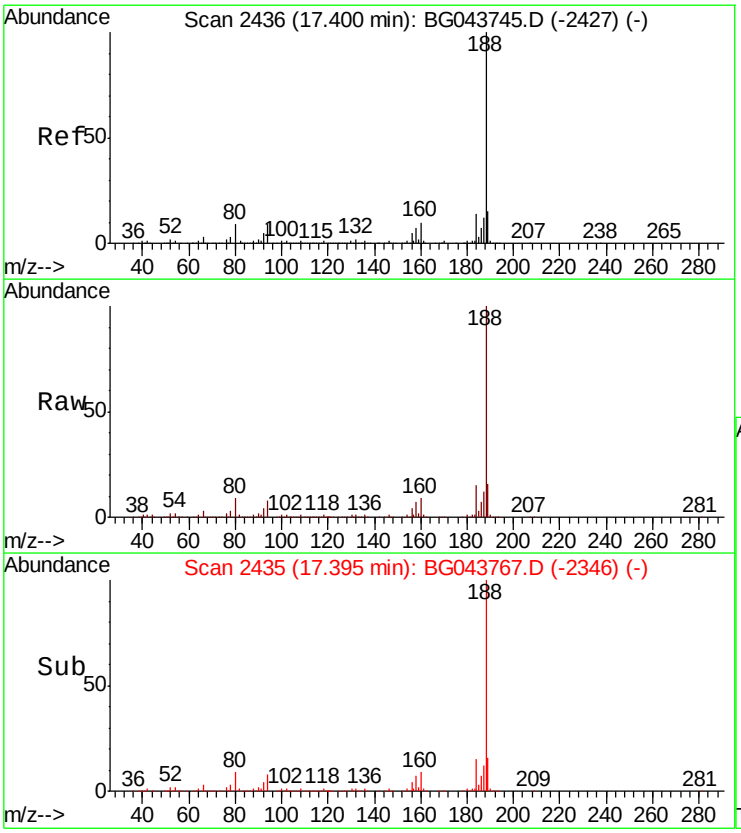
#63
Azobenzene
Concen: 0.066 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 405

Ion	Ratio	Lower	Upper
77	100		
182	51.4	7.6	47.6#
105	0.0	0.7	40.7#
51	0.0	12.1	52.1#

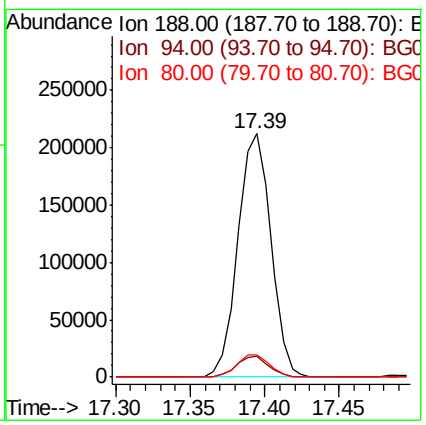


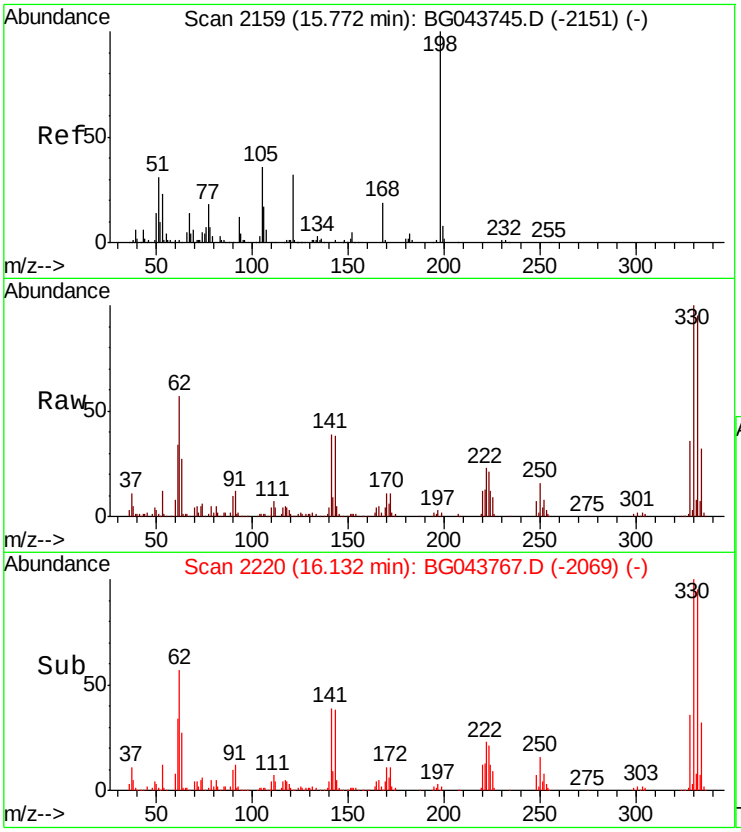


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:188 Resp: 324946

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	8.9	7.5	11.3



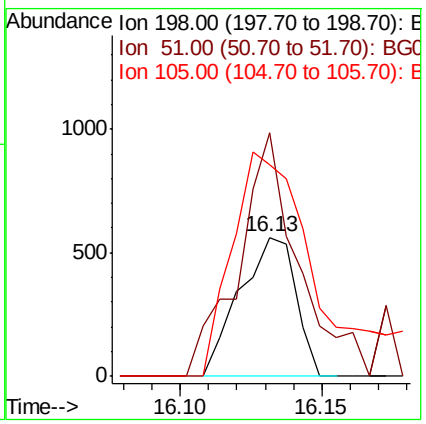


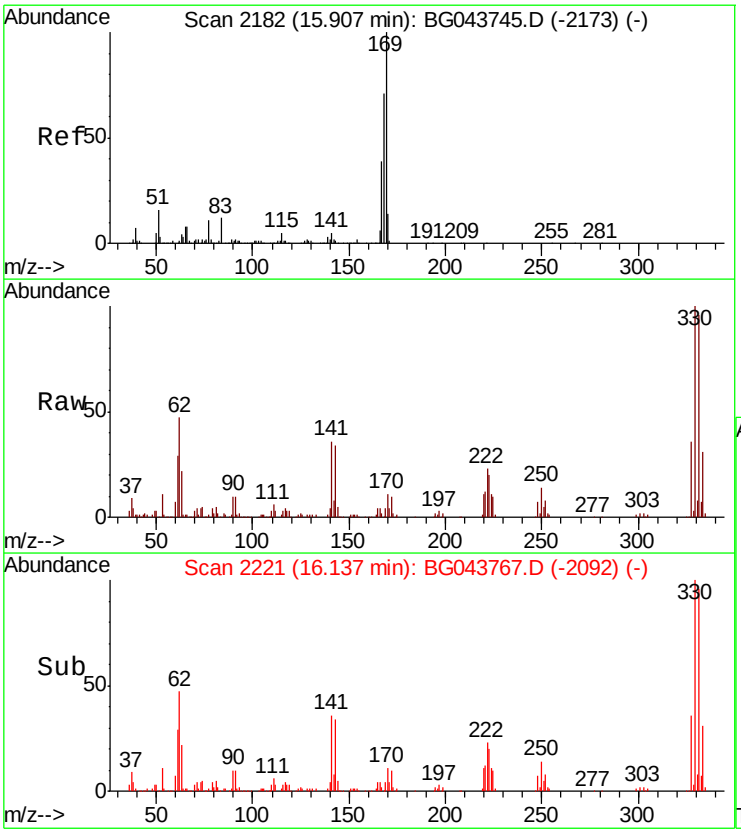
#65
4,6-Dinitro-2-methylphenol
Concen: 4.830 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.36 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 772

Ion	Ratio	Lower	Upper
198	100		
51	175.4	16.8	56.8#
105	152.1	17.3	57.3#

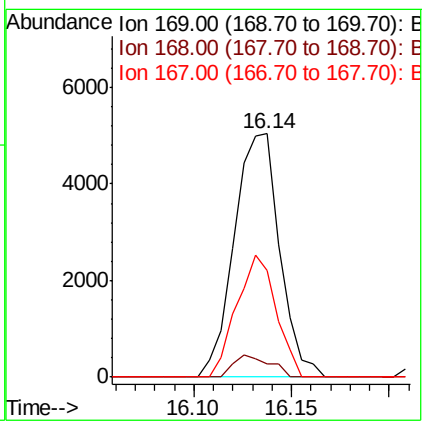


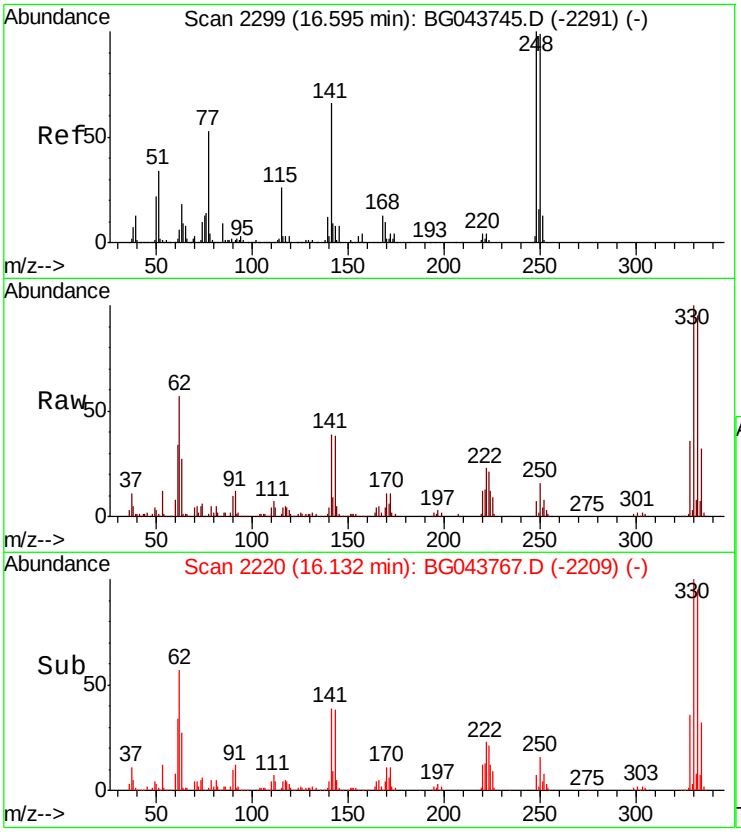


#66
n-Nitrosodiphenylamine
Concen: 0.945 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.23 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:169 Resp: 8134

Ion	Ratio	Lower	Upper
169	100		
168	5.4	56.6	85.0#
167	44.0	30.8	46.2



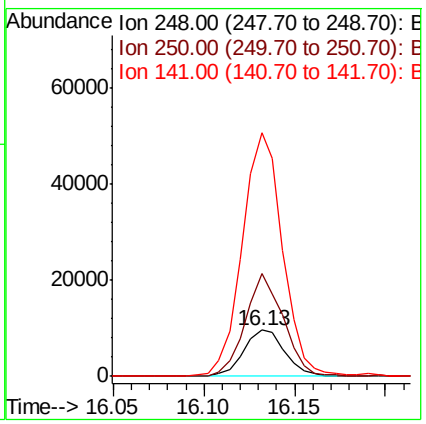


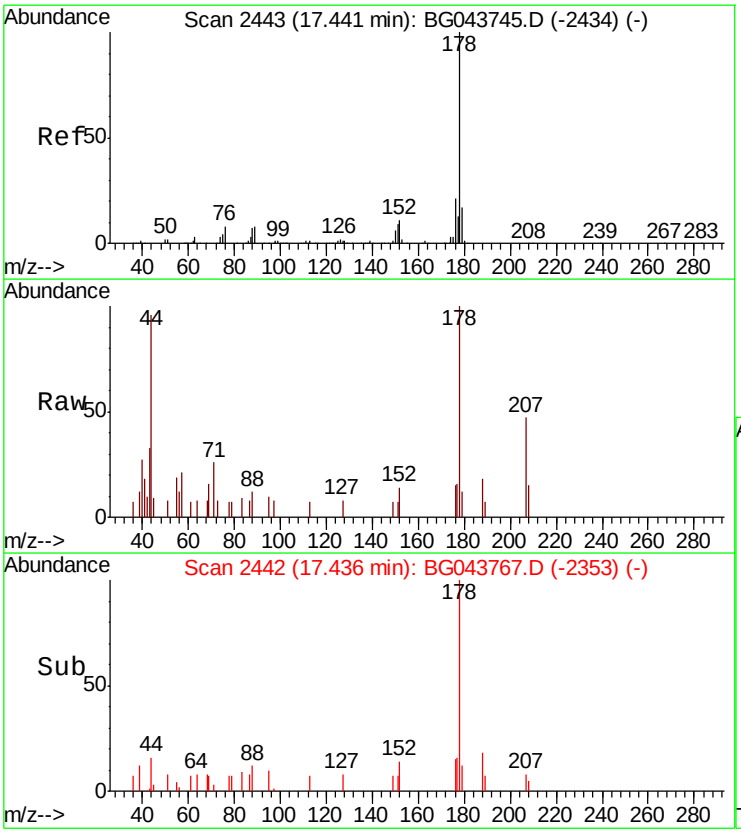
#67
4-Bromophenyl-phenylether
Concen: 4.411 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.46 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15116

Ion	Ratio	Lower	Upper
248	100		
250	222.0	79.3	118.9#
141	528.3	53.0	79.6#

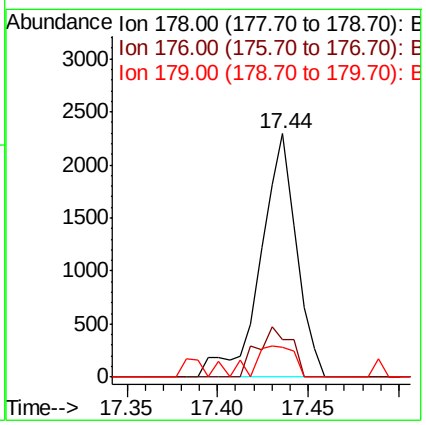


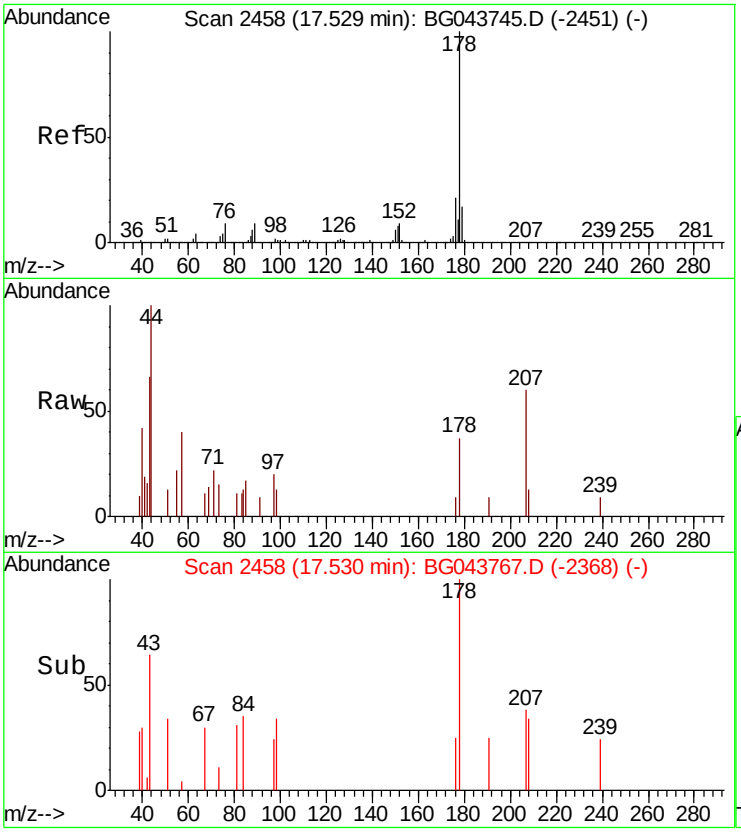


#71
Phenanthrene
Concen: 0.196 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:178 Resp: 3146

Ion	Ratio	Lower	Upper
178	100		
176	15.4	16.9	25.3#
179	12.3	13.5	20.3#



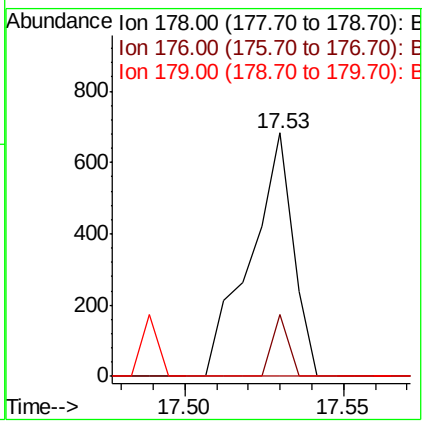


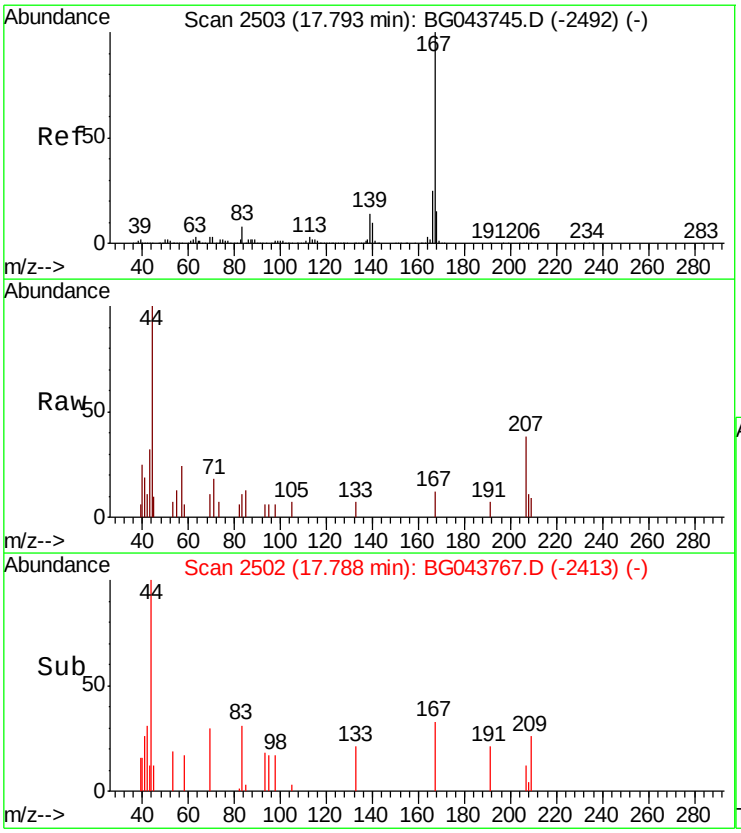
#72
Anthracene
Concen: 0.039 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 641

Ion	Ratio	Lower	Upper
178	100		
176	25.3	16.5	24.7#
179	0.0	13.4	20.2#

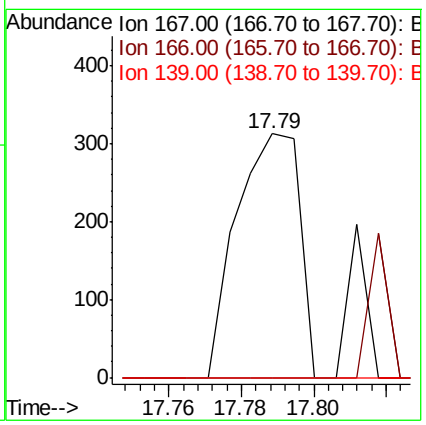


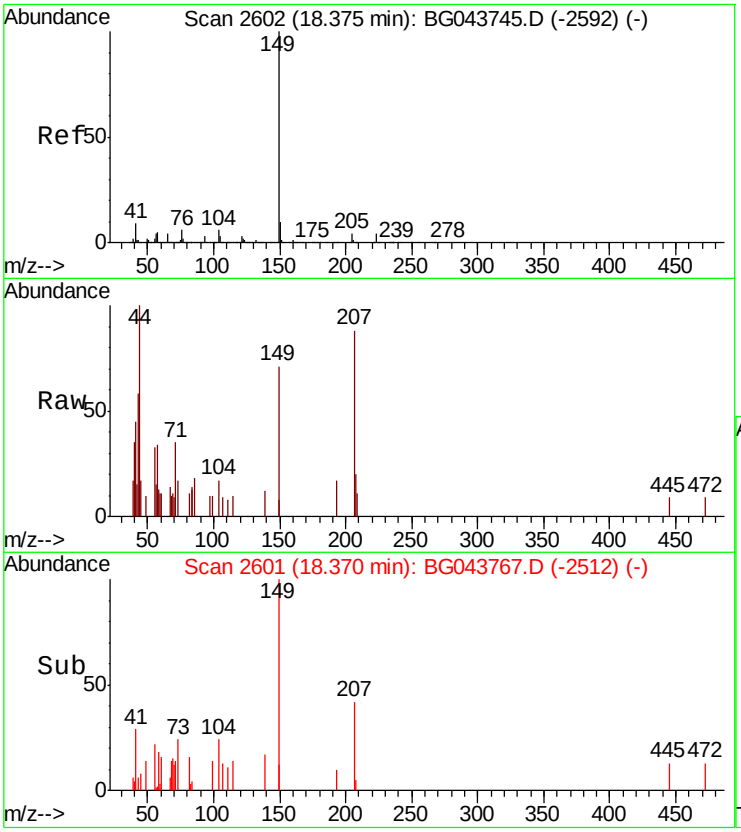


#73
Carbazole
Concen: Below Cal
RT: 17.79 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:167 Resp: 377

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



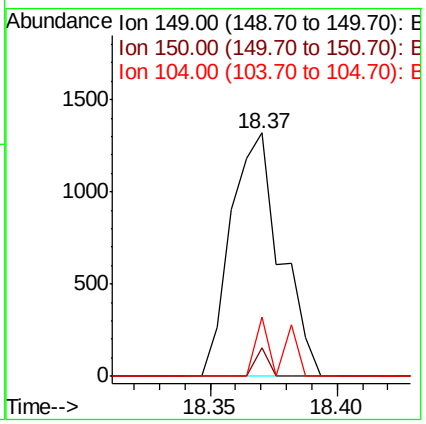


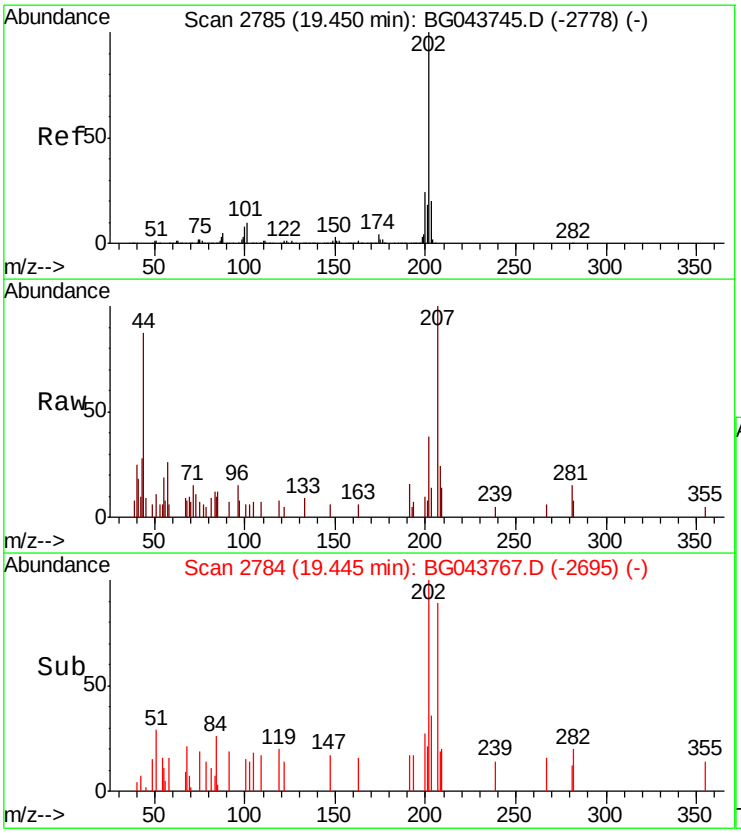
#74
Di-n-butylphthalate
Concen: 0.087 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1799

Ion	Ratio	Lower	Upper
149	100		
150	11.7	8.4	12.6
104	24.2	4.6	7.0#

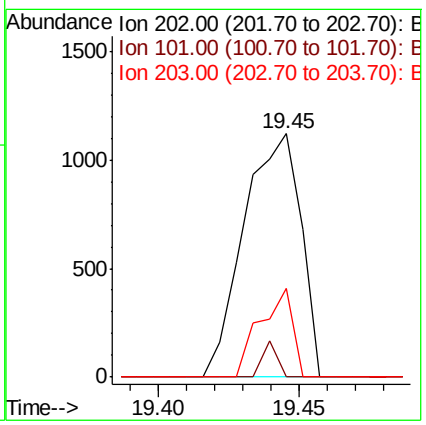


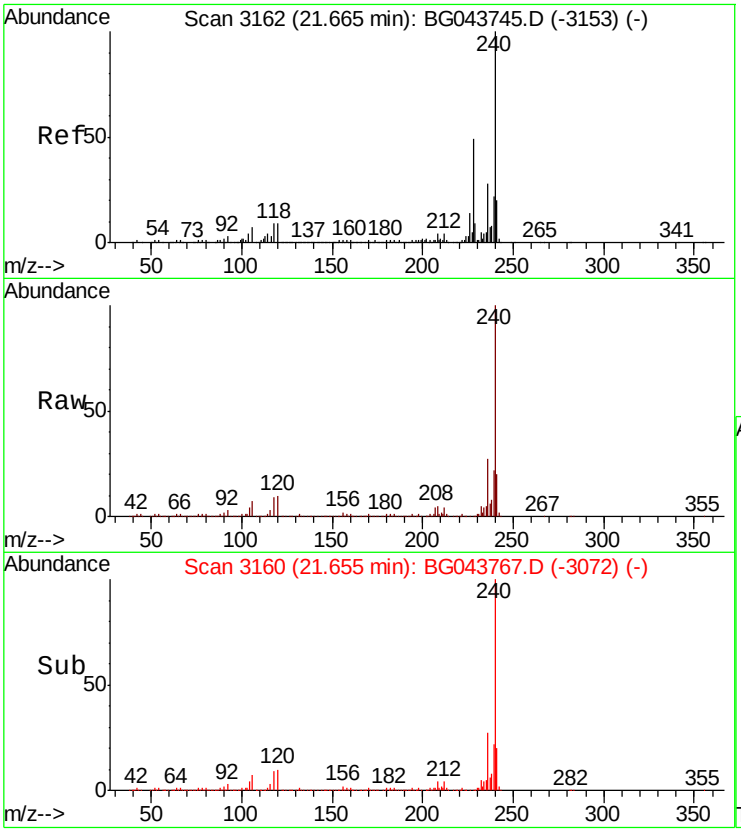


#75
Fluoranthene
Concen: 0.068 ng
RT: 19.45 min Scan# 2784
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:202 Resp: 1562

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	36.2	0.0	39.7



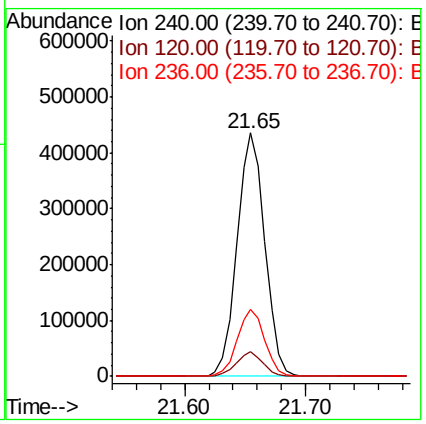


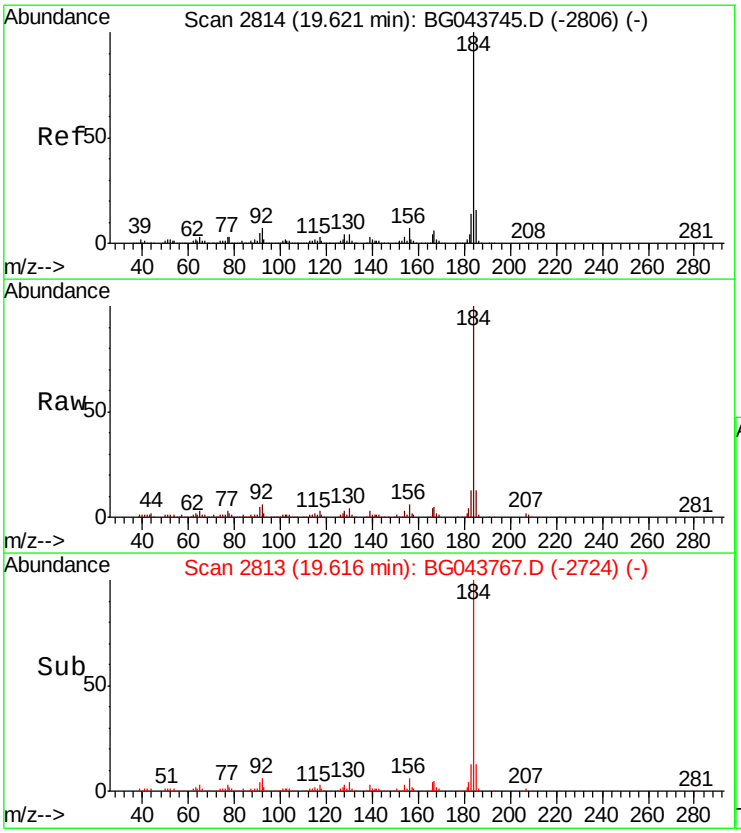
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 695585

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.5	11.3
236	27.3	22.6	34.0

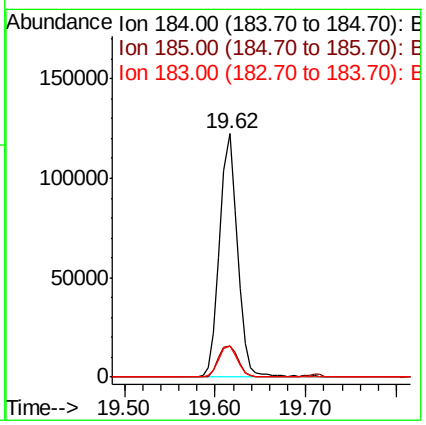


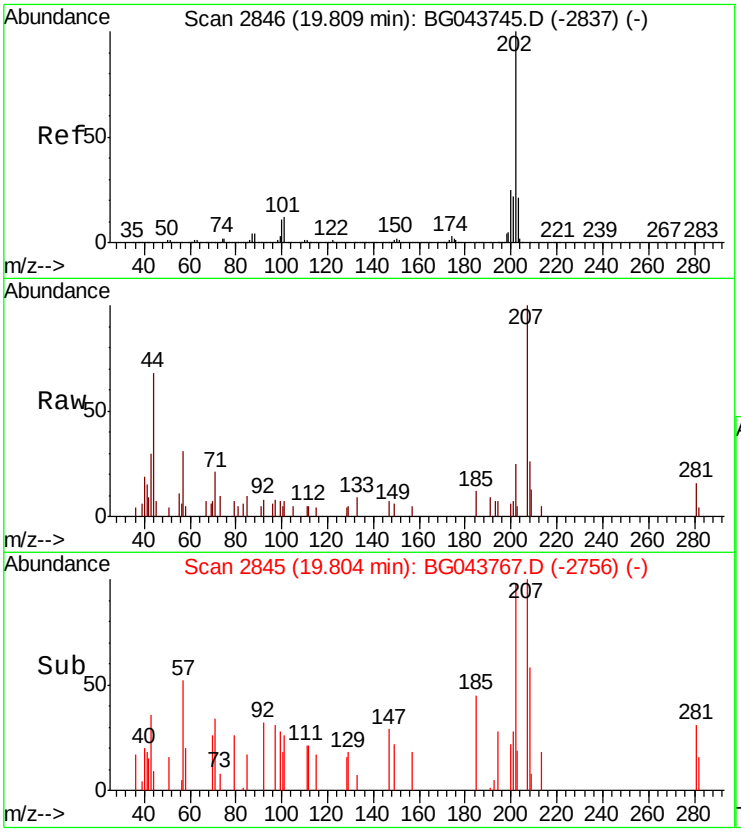


#77
Benzidine
Concen: 8.278 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:184 Resp: 168206

Ion	Ratio	Lower	Upper
184	100		
185	13.0	12.8	19.2
183	12.8	11.3	16.9



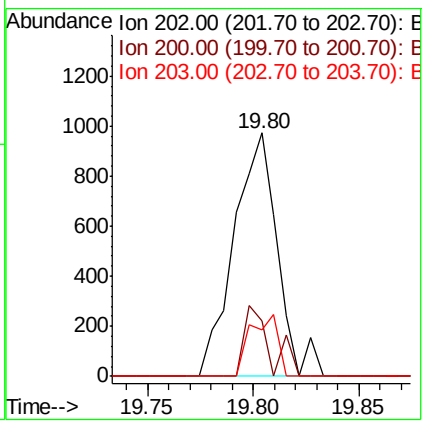


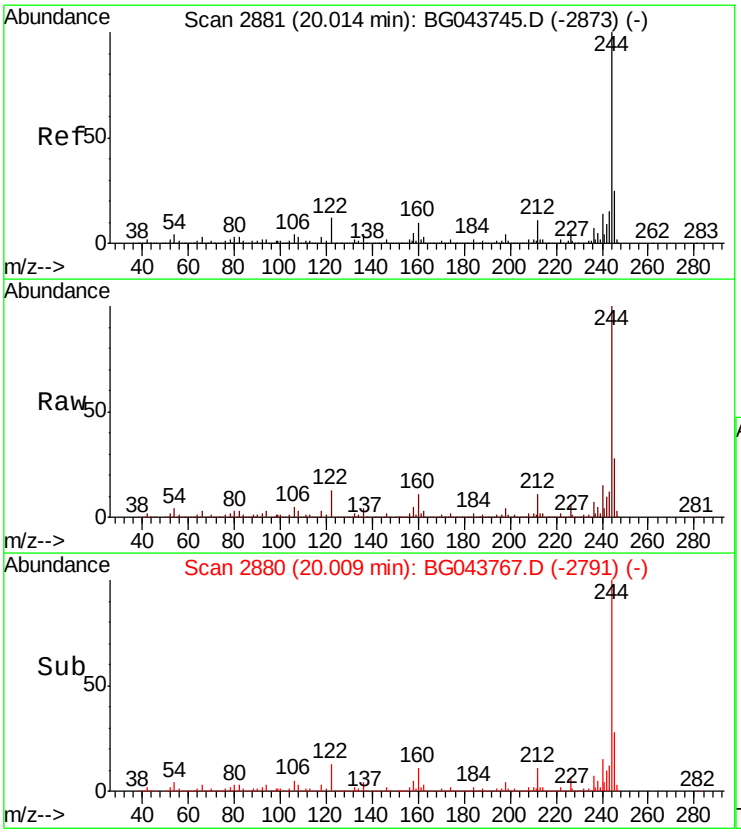
#78
Pyrene
Concen: 0.031 ng
RT: 19.80 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1386

Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.8	29.6
203	19.1	16.6	24.8

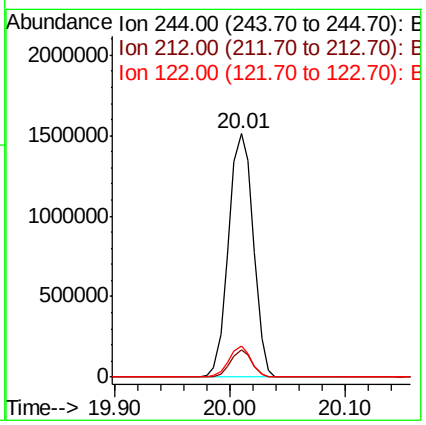


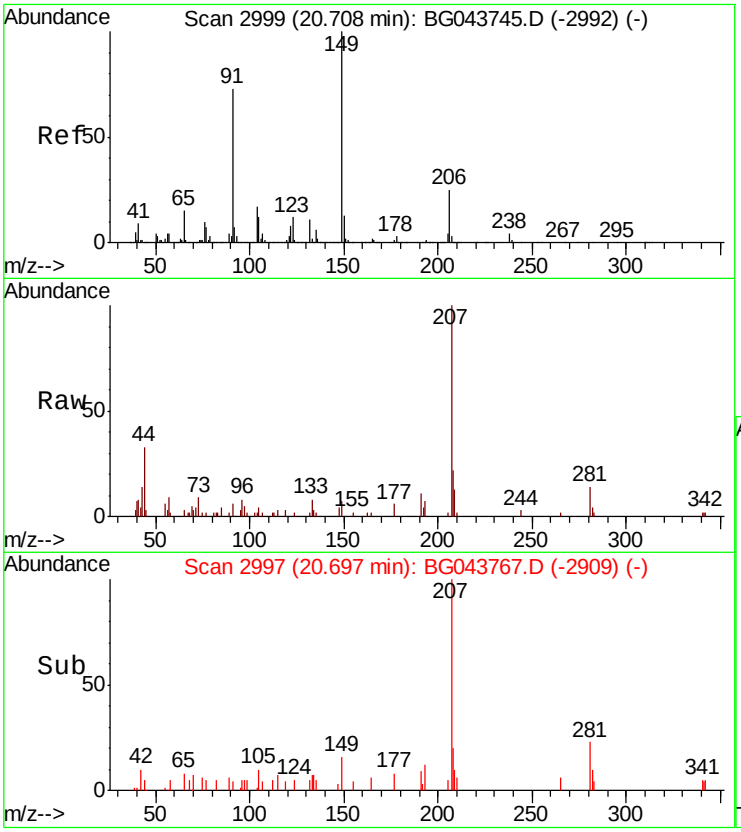


#79
Terphenyl-d14
Concen: 72.787 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:244 Resp: 2240611

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.5	12.7
122	12.8	9.5	14.3



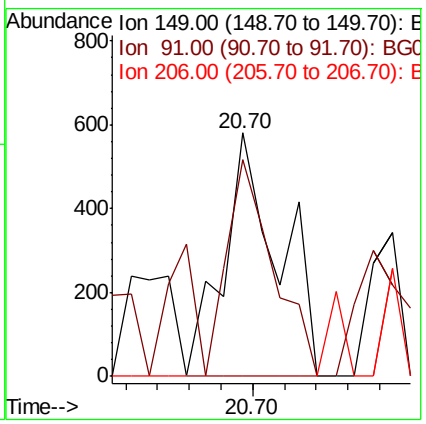


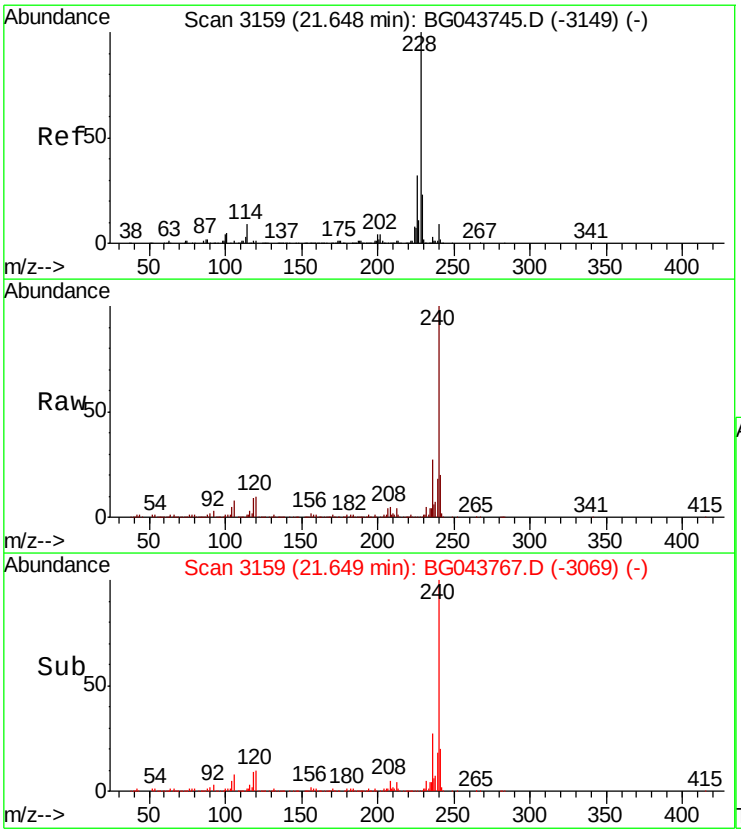
#80
Butylbenzylphthalate
Concen: 0.034 ng
RT: 20.70 min Scan# 2997
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 697

Ion	Ratio	Lower	Upper
149	100		
91	89.2	58.8	88.2#
206	0.0	19.8	29.6#

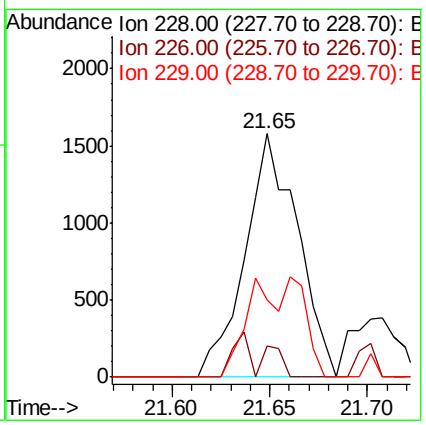


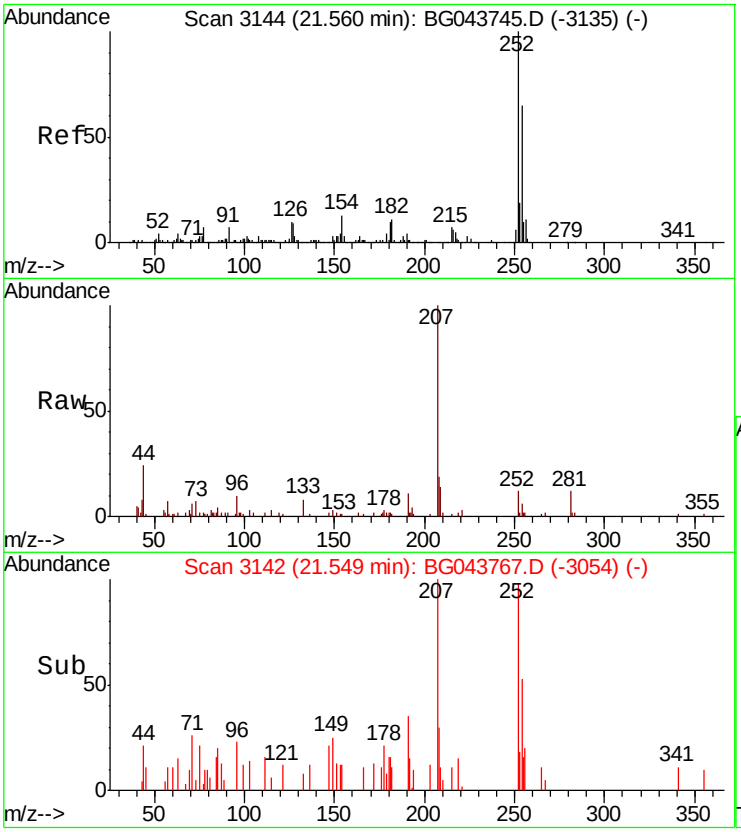


#81
Benzo(a)anthracene
Concen: 0.063 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:228 Resp: 2936

Ion	Ratio	Lower	Upper
228	100		
226	12.9	25.4	38.2#
229	31.8	18.1	27.1#



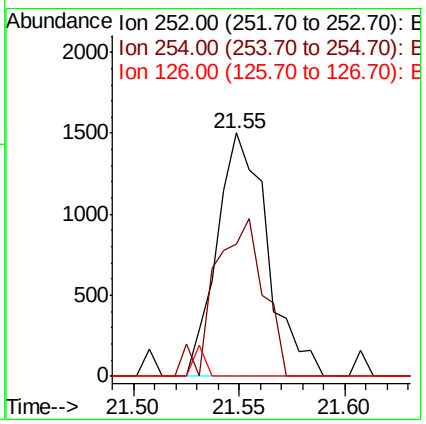


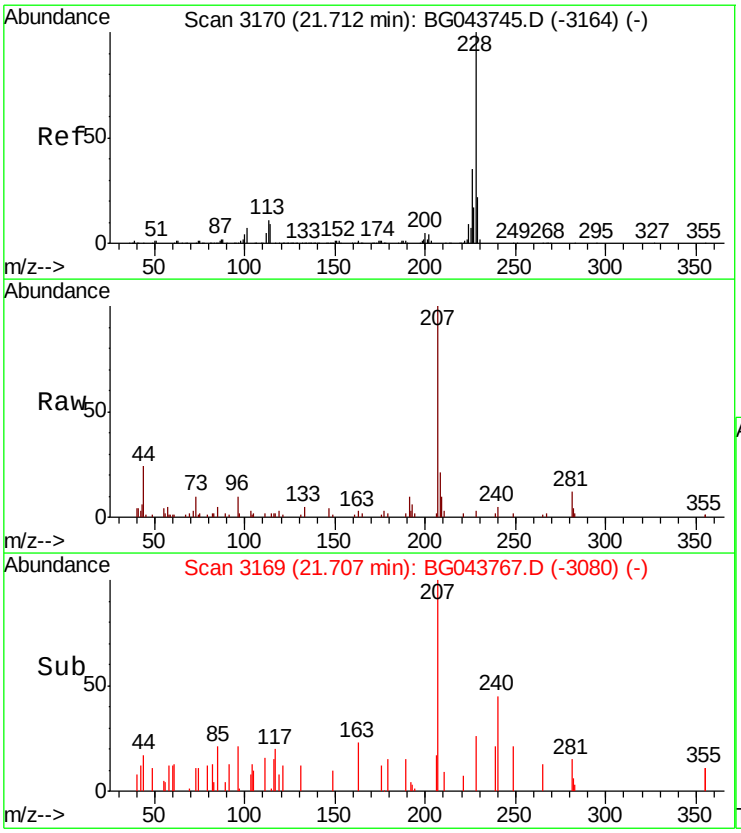
#82
3,3'-Dichlorobenzidine
Concen: 0.143 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 2492

Ion	Ratio	Lower	Upper
252	100		
254	54.3	52.1	78.1
126	0.0	7.8	11.6#

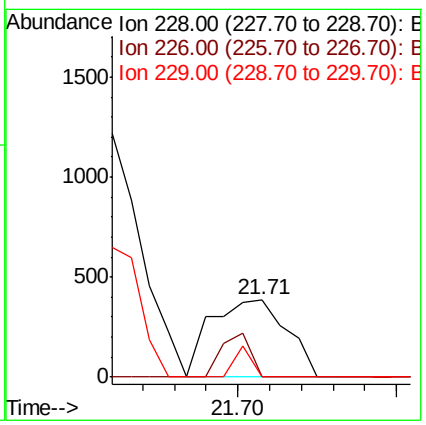


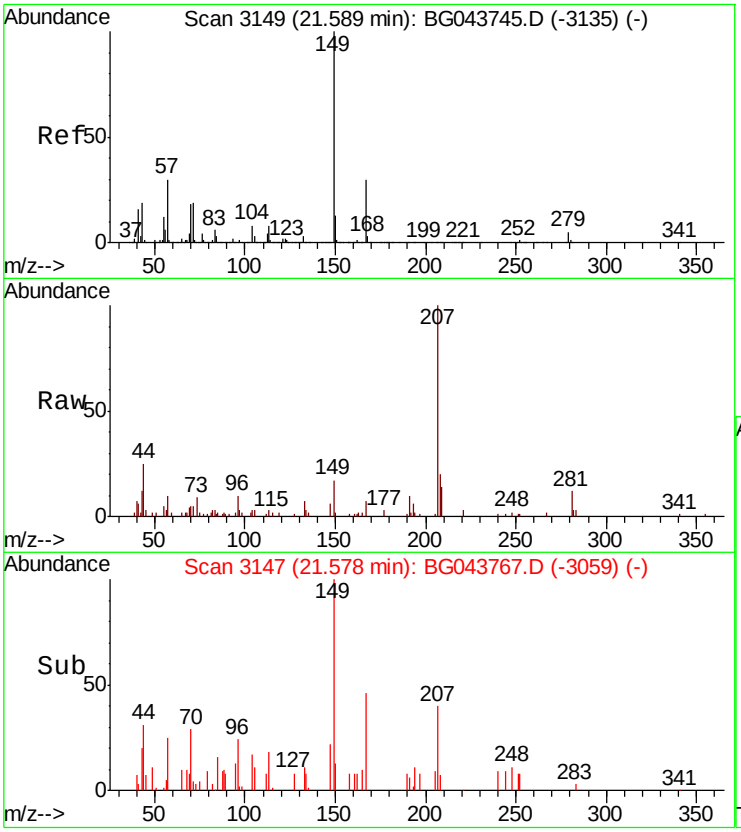


#83
Chrysene
Concen: 0.015 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:228 Resp: 640

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



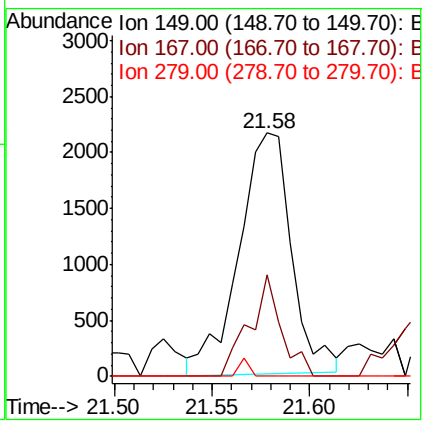


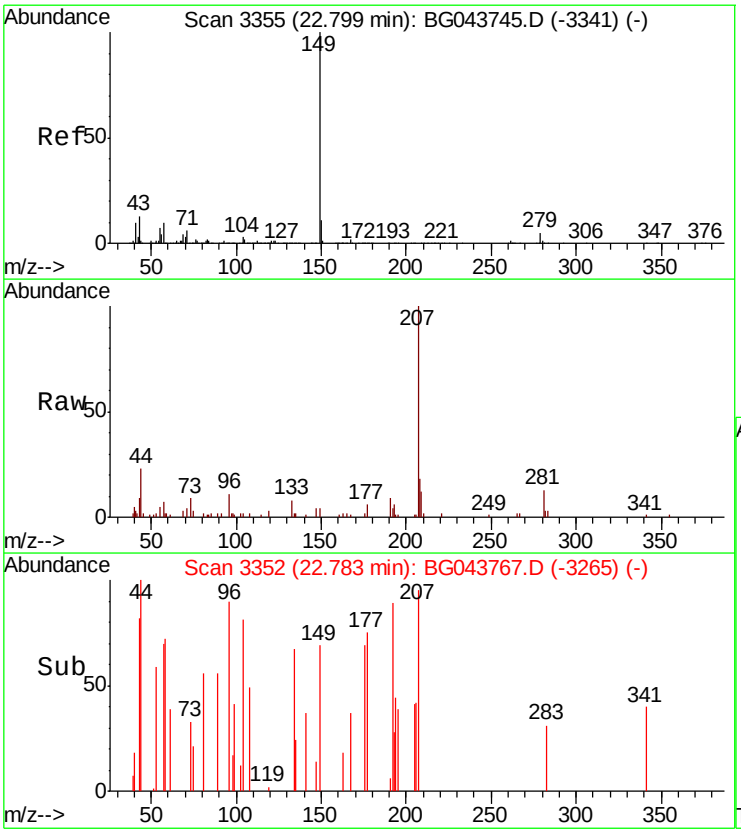
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 4004

Ion	Ratio	Lower	Upper
149	100		
167	42.0	23.8	35.6#
279	0.0	4.0	6.0#

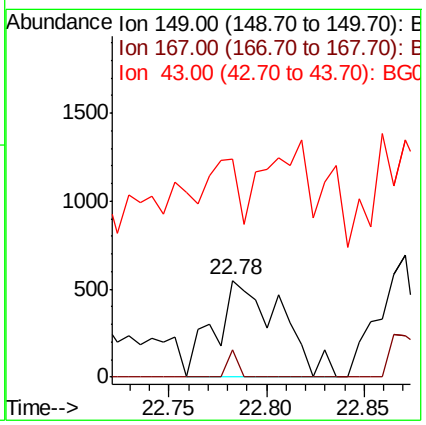


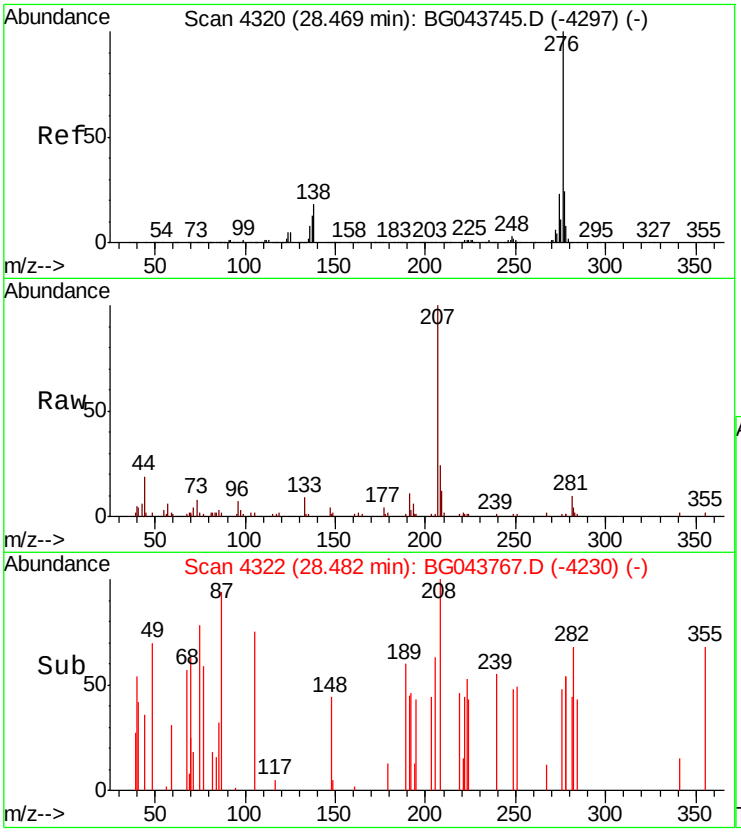


#85
Di-n-octyl phthalate
Concen: 0.027 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:149 Resp: 1281

Ion	Ratio	Lower	Upper
149	100		
167	4.2	1.4	2.0#
43	42.9	9.8	14.6#



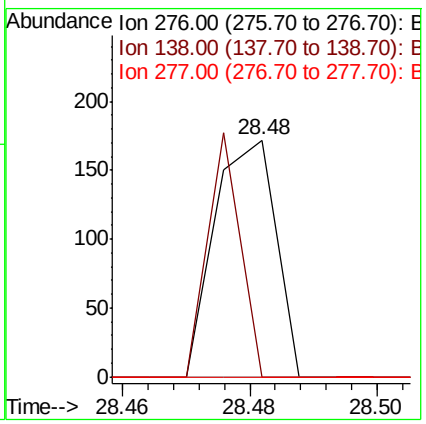


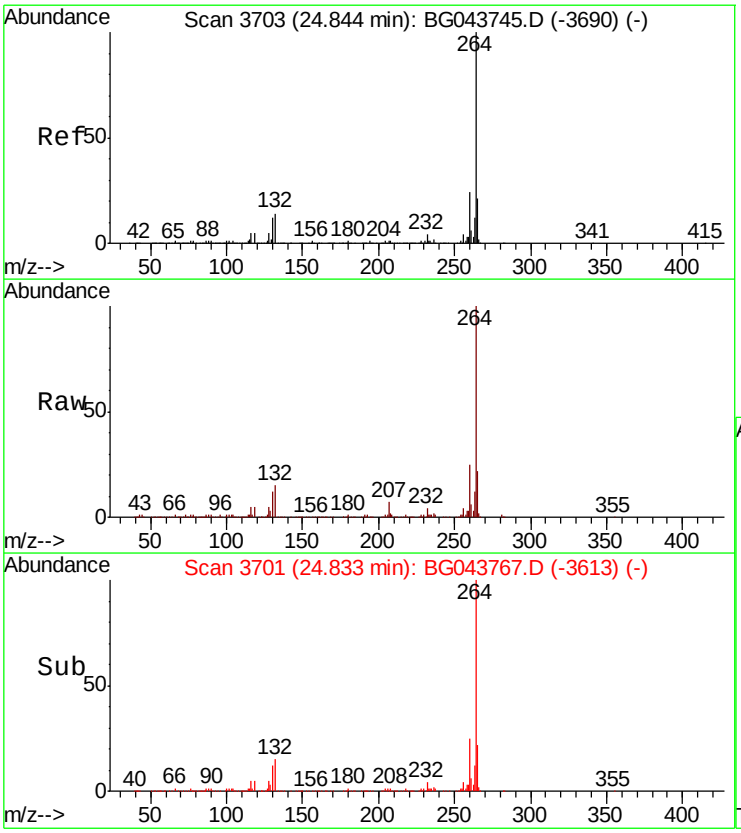
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.48 min Scan# 4322
Delta R.T. 0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 114

Ion	Ratio	Lower	Upper
276	100		
138	54.4	14.5	21.7#
277	0.0	21.1	31.7#

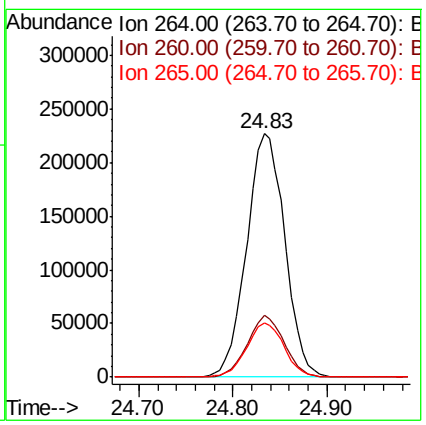


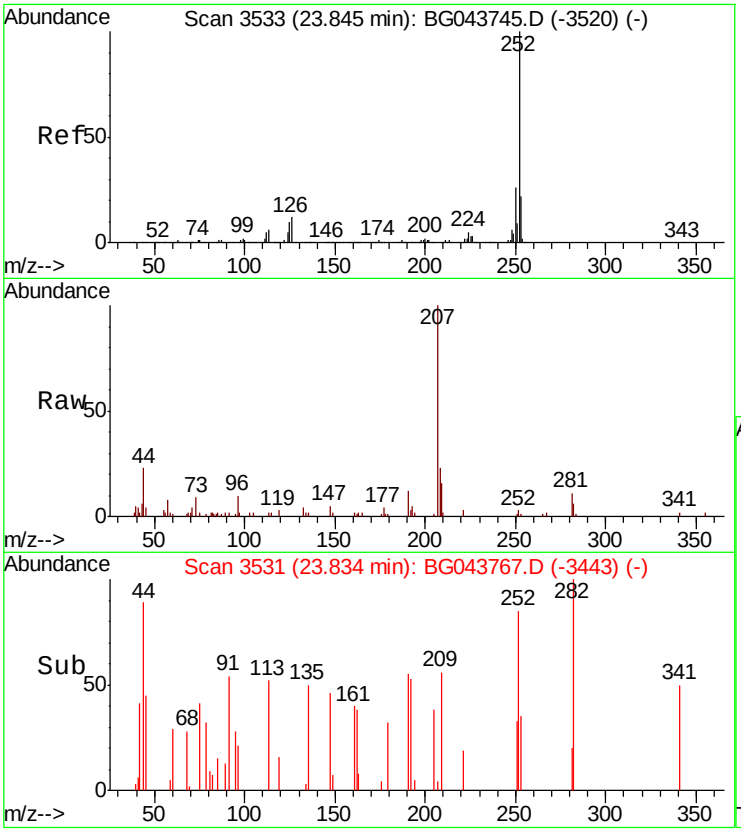


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:264 Resp: 637800

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.2	17.0	25.6



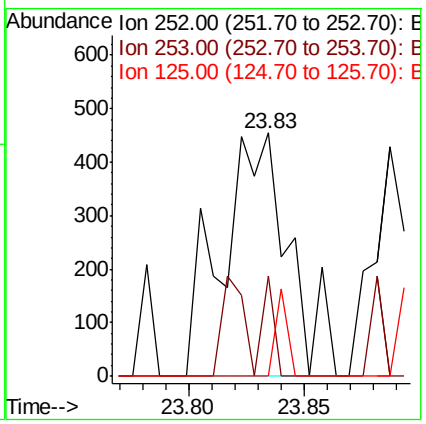


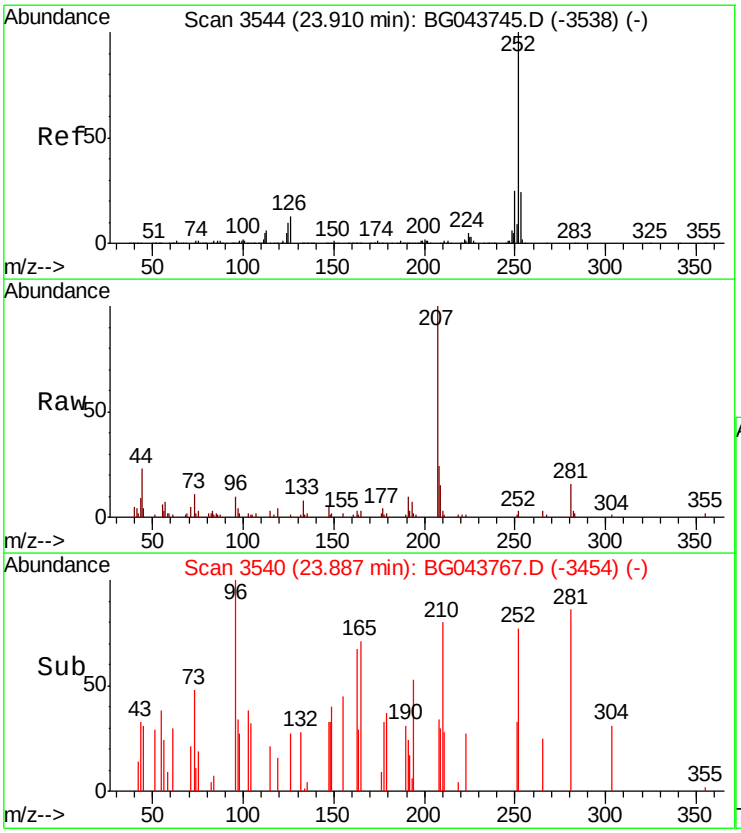
#88
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 926

Ion	Ratio	Lower	Upper
252	100		
253	40.9	17.7	26.5#
125	0.0	8.0	12.0#

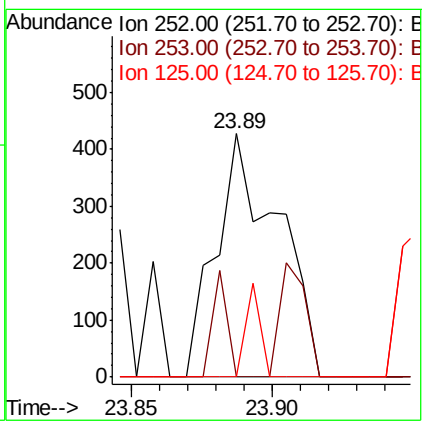


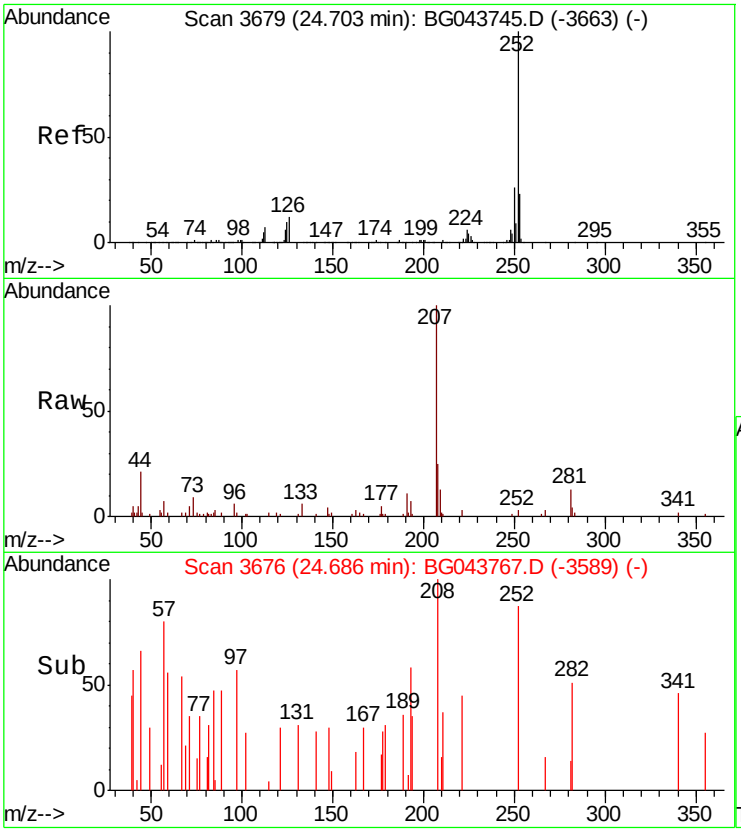


#89
Benzo(k)fluoranthene
Concen: 0.018 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:252 Resp: 653

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



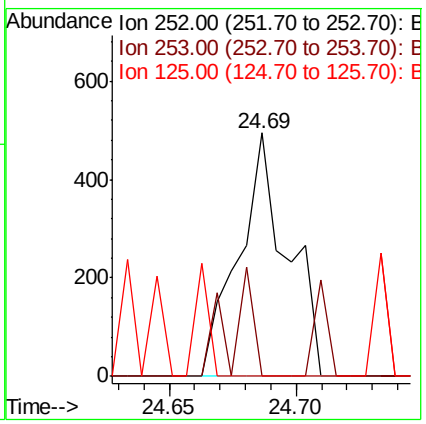


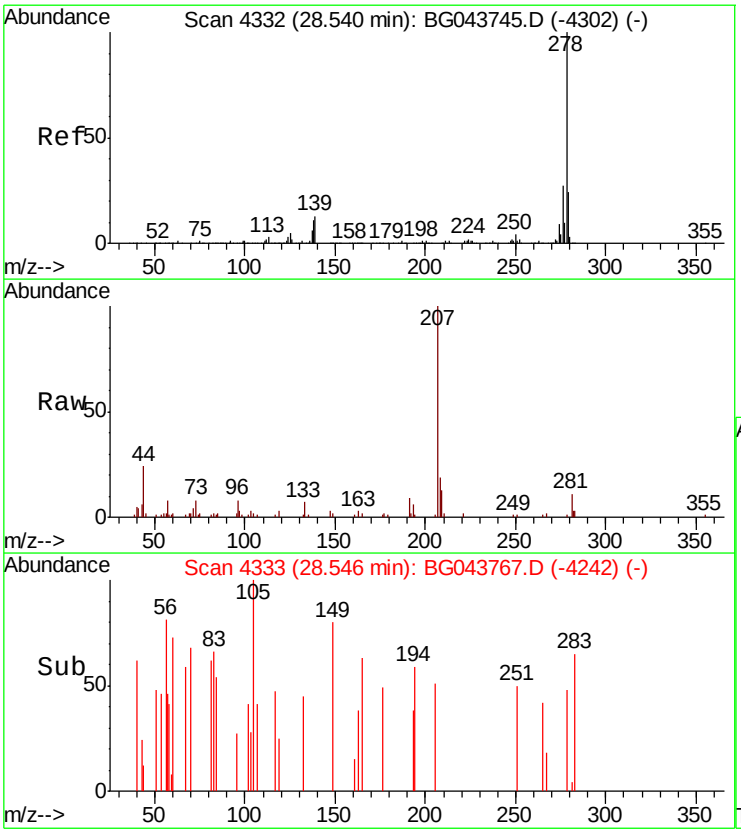
#90
Benzo(a)pyrene
Concen: 0.018 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 662

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

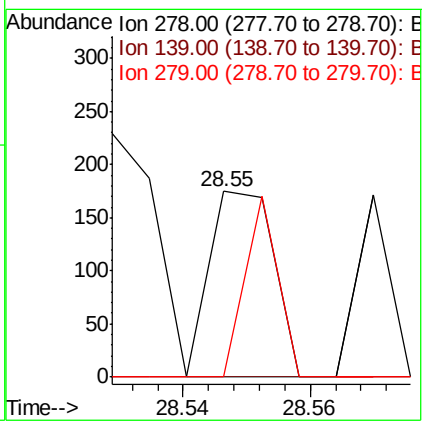


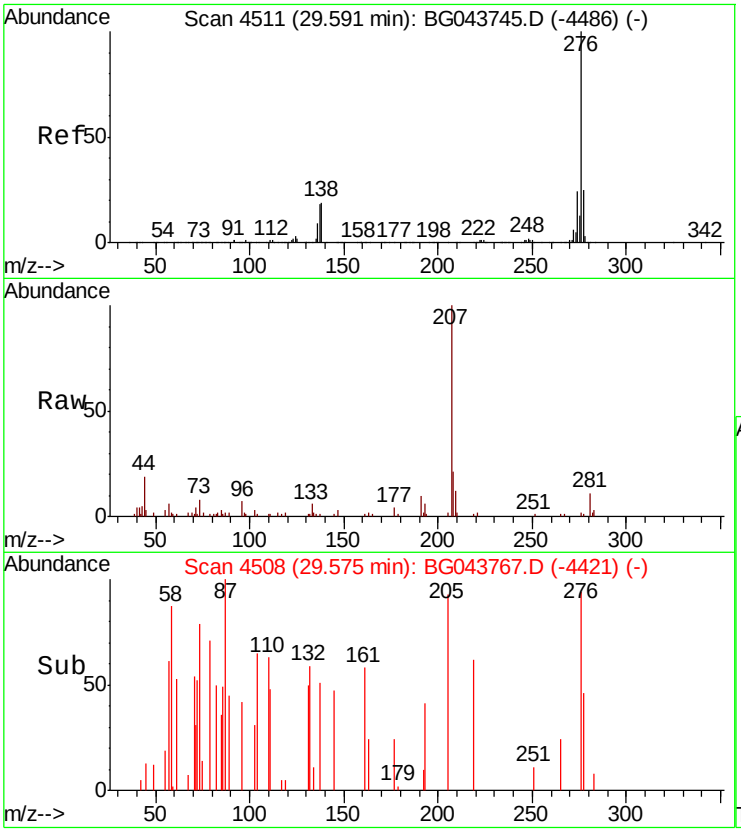


#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.55 min Scan# 4333
Delta R.T. 0.01 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Tgt Ion:278 Resp: 121

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: 0.019 ng
RT: 29.57 min Scan# 4508
Delta R.T. -0.02 min
Lab File: BG043767.D
Acq: 23 Nov 2019 22:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 666

Ion	Ratio	Lower	Upper
276	100		
277	48.9	19.7	29.5#
138	0.0	14.9	22.3#