

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044407.D
 Acq On : 12 Feb 2020 13:45
 Operator : CG/JU
 Sample : PB126762BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:04:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	73177	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	308932	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	210752	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	508739	20.00	ng	0.00
76) Chrysene-d12	21.53	240	460700	20.00	ng	0.00
87) Perylene-d12	24.61	264	412615	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	494490	119.26	ng	0.00
7) Phenol-d6	7.07	99	653208	117.32	ng	0.00
23) Nitrobenzene-d5	9.05	82	347752	63.55	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	291626	117.87	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	821002	65.23	ng	0.00
79) Terphenyl-d14	19.90	244	1437914	64.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	62391	33.491	ng	98
3) Pyridine	3.75	79	141232	28.455	ng	97
4) n-Nitrosodimethylamine	3.67	42	73871	35.617	ng	98
6) Aniline	7.22	93	183382	26.534	ng	99
8) 2-Chlorophenol	7.47	128	193377	42.435	ng	99
9) Benzaldehyde	7.03	77	40532	12.782	ng	98
10) Phenol	7.10	94	235841	42.799	ng	100
11) bis(2-Chloroethyl)ether	7.32	93	178693	37.931	ng	97
12) 1,3-Dichlorobenzene	7.79	146	195535	35.938	ng	98
13) 1,4-Dichlorobenzene	7.94	146	196468	36.458	ng	99
14) 1,2-Dichlorobenzene	8.26	146	190387	37.378	ng	100
15) Benzyl Alcohol	8.14	79	157255	39.892	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	234106	36.715	ng	100
17) 2-Methylphenol	8.35	107	163727	41.644	ng	99
18) Hexachloroethane	8.98	117	73229	36.213	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	137245	36.985	ng	98
20) 3+4-Methylphenols	8.68	107	226322	41.770	ng	99
22) Acetophenone	8.72	105	265784	35.365	ng	97
24) Nitrobenzene	9.10	77	200049	37.448	ng	98
25) Isophorone	9.62	82	378147	37.076	ng	99
26) 2-Nitrophenol	9.81	139	108675	39.205	ng	98
27) 2,4-Dimethylphenol	9.88	122	182886	46.739	ng	100
28) bis(2-Chloroethoxy)methane	10.11	93	245133	36.029	ng	100
29) 2,4-Dichlorophenol	10.35	162	192717	40.732	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	195514	36.038	ng	99
31) Naphthalene	10.75	128	574783	38.348	ng	99
32) Benzoic acid	10.04	122	61175	30.899	ng	92
33) 4-Chloroaniline	10.86	127	144993	21.270	ng	99
34) Hexachlorobutadiene	11.05	225	115138	34.490	ng	99
35) Caprolactam	11.62	113	40833	23.560	ng	96
36) 4-Chloro-3-methylphenol	11.99	107	205106	41.347	ng	99
37) 2-Methylnaphthalene	12.36	142	433400	38.945	ng	100
38) 1-Methylnaphthalene	12.58	142	410125	39.090	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	214096	33.960	ng	99

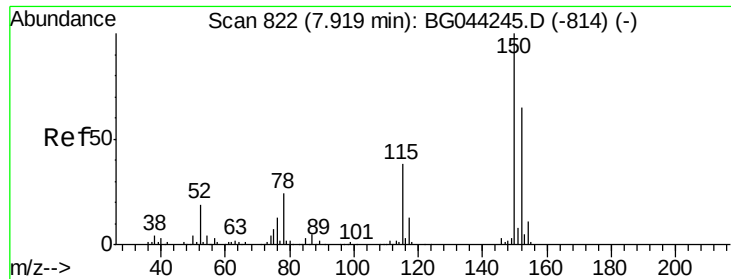
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044407.D
 Acq On : 12 Feb 2020 13:45
 Operator : CG/JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	166020	54.883	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	155425	38.142	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	172049	41.337	ng	98
46) 1,1'-Biphenyl	13.37	154	554906	36.503	ng	98
47) 2-Chloronaphthalene	13.41	162	432503	35.753	ng	99
48) 2-Nitroaniline	13.61	65	132496	37.114	ng	98
49) Acenaphthylene	14.26	152	694499	39.143	ng	100
50) Dimethylphthalate	14.00	163	581614	38.392	ng	99
51) 2,6-Dinitrotoluene	14.11	165	132434	39.207	ng	98
52) Acenaphthene	14.61	154	424630	36.923	ng	99
53) 3-Nitroaniline	14.44	138	103567	27.714	ng	97
54) 2,4-Dinitrophenol	14.65	184	141832	71.734	ng	97
55) Dibenzofuran	14.94	168	682694	39.208	ng	99
56) 4-Nitrophenol	14.77	139	254294	92.896	ng	98
57) 2,4-Dinitrotoluene	14.90	165	191770	40.507	ng	98
58) Fluorene	15.59	166	549475	40.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	163401	43.464	ng	99
60) Diethylphthalate	15.36	149	598261	39.632	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	282205	37.951	ng	99
62) 4-Nitroaniline	15.61	138	143765	38.500	ng	96
63) Azobenzene	15.88	77	531641	40.185	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	114907	40.918	ng	100
66) n-Nitrosodiphenylamine	15.80	169	518626	36.377	ng	100
67) 4-Bromophenyl-phenylether	16.47	248	194164	35.031	ng	97
68) Hexachlorobenzene	16.60	284	215632	34.725	ng	98
69) Atrazine	16.75	200	197356	40.387	ng	100
70) Pentachlorophenol	16.94	266	230636	73.706	ng	98
71) Phenanthrene	17.33	178	939470	38.136	ng	99
72) Anthracene	17.42	178	948363	38.938	ng	98
73) Carbazole	17.69	167	883859	39.365	ng	99
74) Di-n-butylphthalate	18.26	149	1087157	39.182	ng	98
75) Fluoranthene	19.34	202	1136097	39.866	ng	100
77) Benzidine	19.52	184	272294	21.308	ng	99
78) Pyrene	19.70	202	1147106	38.772	ng	99
80) Butylbenzylphthalate	20.59	149	490794	36.402	ng	97
81) Benzo(a)anthracene	21.51	228	1085846	38.243	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	335817	30.474	ng	99
83) Chrysene	21.57	228	1039485	37.875	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	695243	37.463	ng	99
85) Di-n-octyl phthalate	22.60	149	1213444	37.791	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1313862	36.694	ng	100
88) Benzo(b)fluoranthene	23.64	252	1145394	48.174	ng	99
89) Benzo(k)fluoranthene	23.71	252	1123145	48.467	ng	99
90) Benzo(a)pyrene	24.47	252	1045757	46.519	ng	100
91) Dibenzo(a,h)anthracene	28.17	278	1097549	49.332	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1115529	50.087	ng	99

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

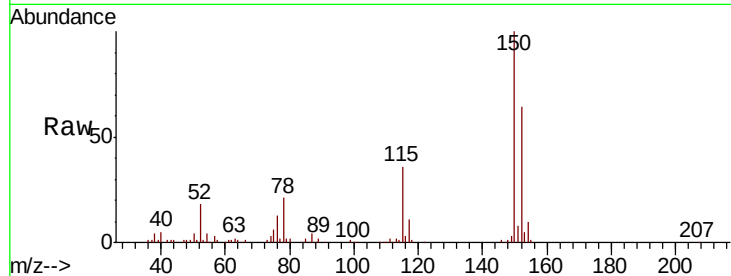


#1

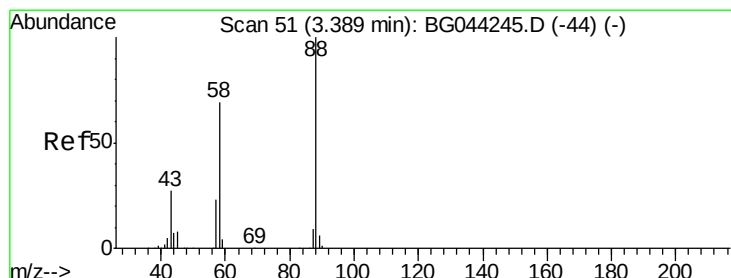
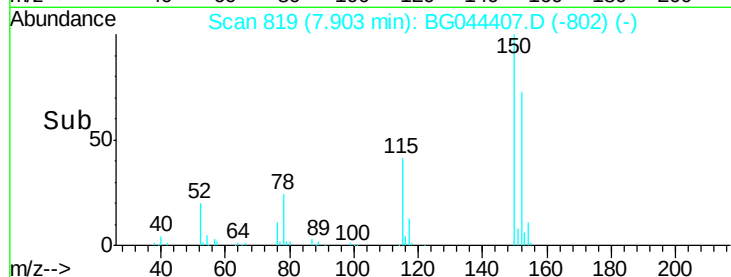
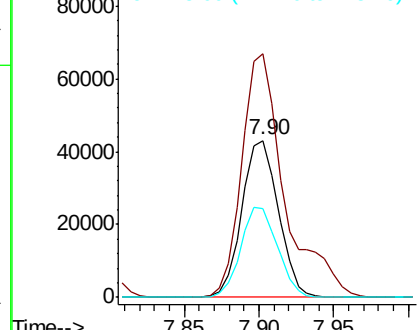
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 73177
Ion Ratio Lower Upper
152 100
150 155.1 122.6 183.8
115 56.6 46.0 69.0



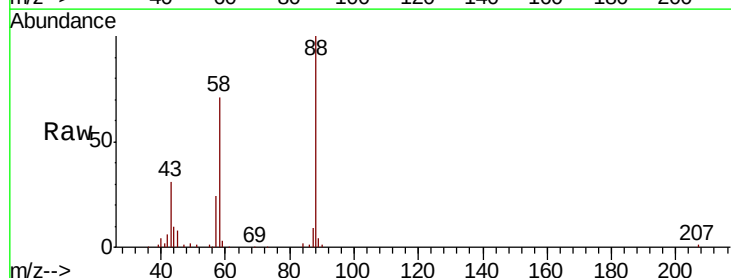
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



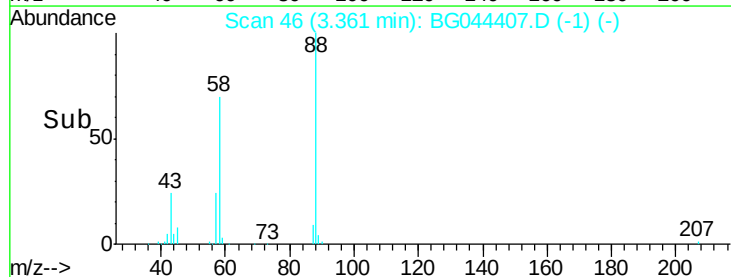
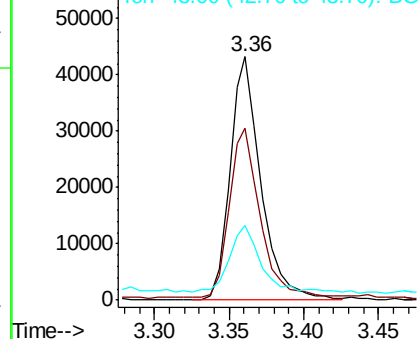
#2

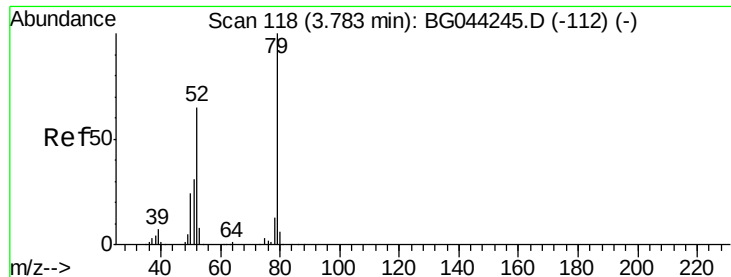
1,4-Dioxane
Concen: 33.491 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion: 88 Resp: 62391
Ion Ratio Lower Upper
88 100
58 69.2 55.8 83.6
43 30.2 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.455 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

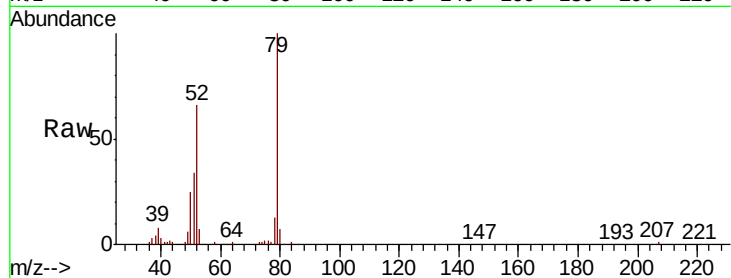
Tot Ion: 79 Resp: 141232

Ion Ratio Lower Upper

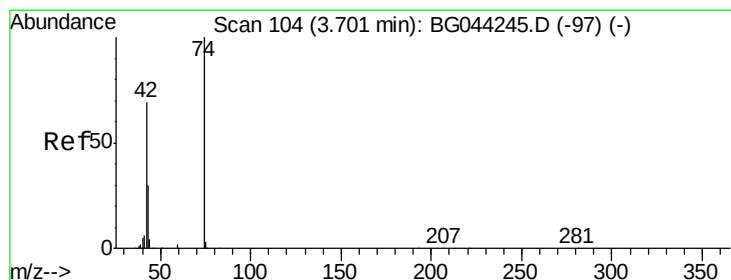
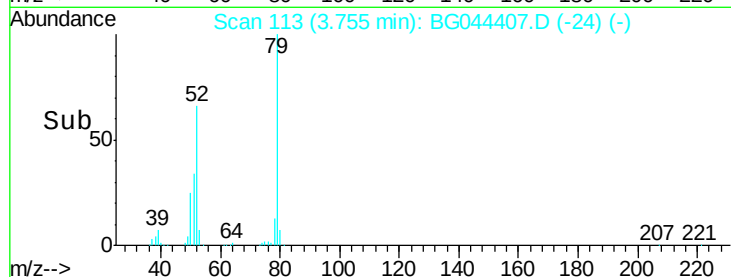
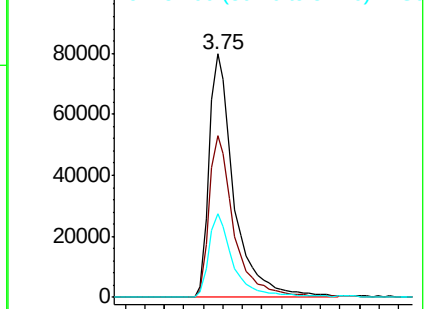
79 100

52 66.3 51.9 77.9

51 34.2 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.617 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

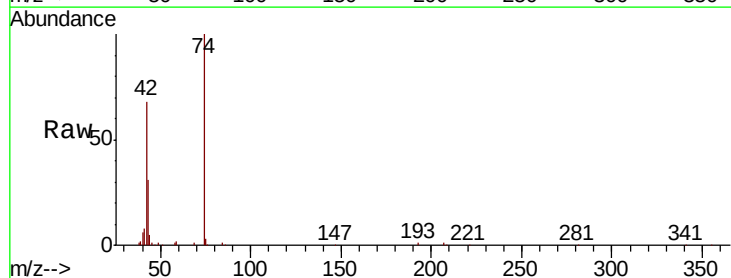
Tgt Ion: 42 Resp: 73871

Ion Ratio Lower Upper

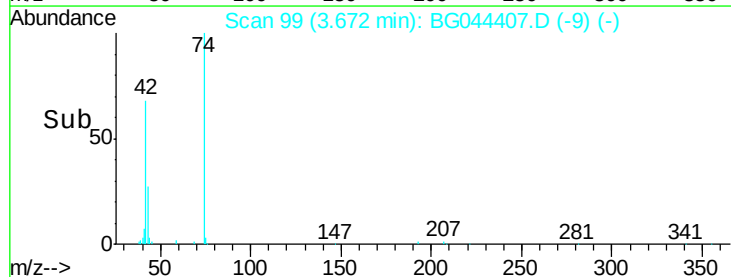
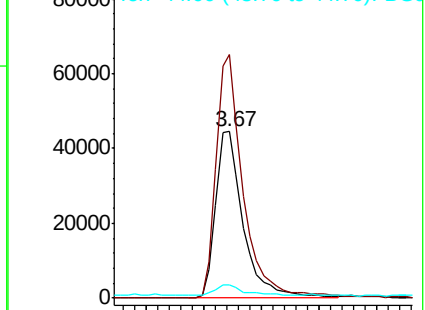
42 100

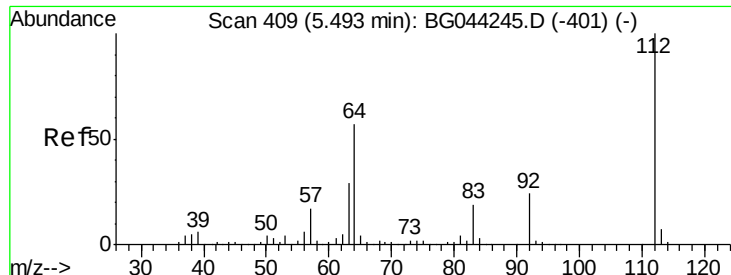
74 146.4 115.1 172.7

44 7.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.258 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

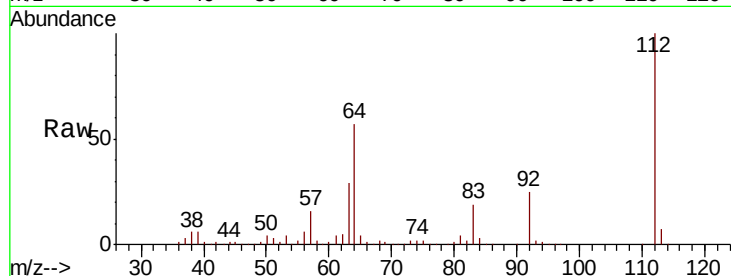
Tot Ion:112 Resp: 494490

Ion Ratio Lower Upper

112 100

64 56.7 45.4 68.2

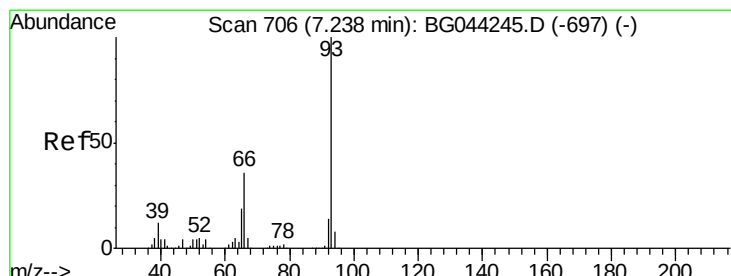
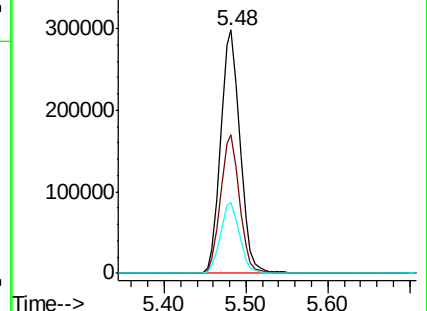
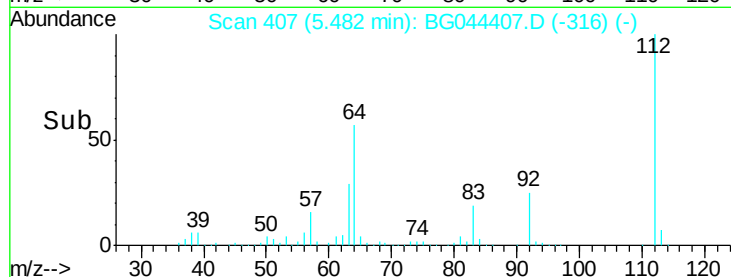
63 29.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.534 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

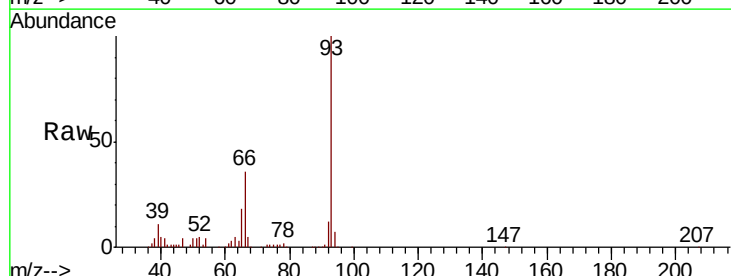
Tgt Ion: 93 Resp: 183382

Ion Ratio Lower Upper

93 100

66 36.0 28.7 43.1

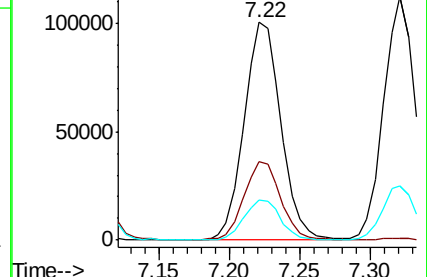
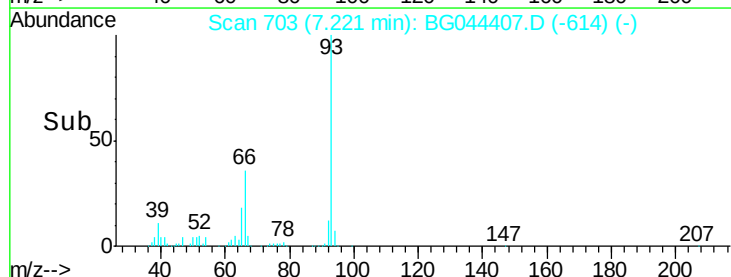
65 18.4 15.4 23.0

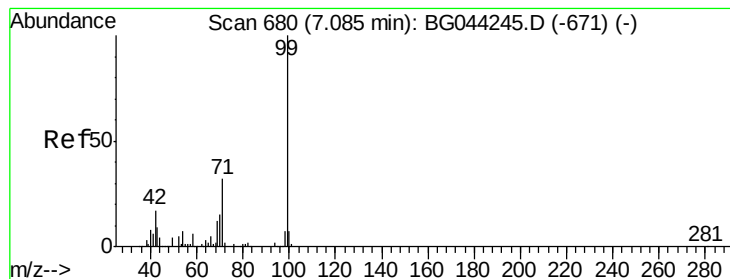


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.315 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampled :

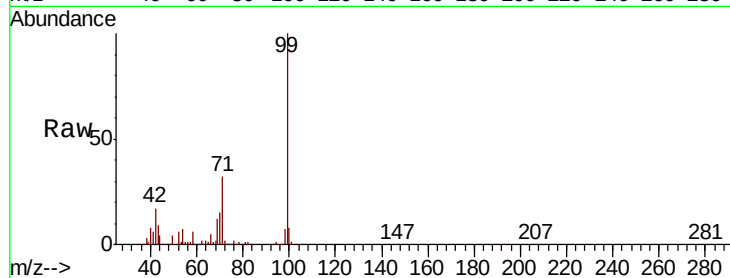
Tot Ion: 99 Resp: 653208

Ion Ratio Lower Upper

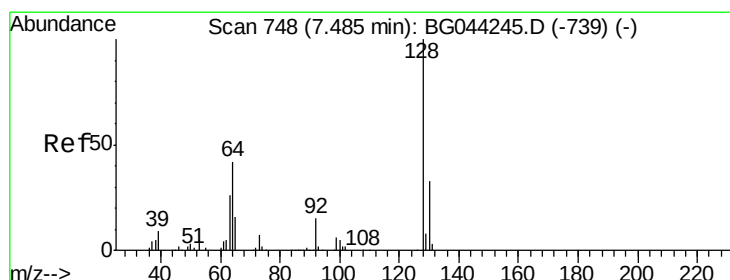
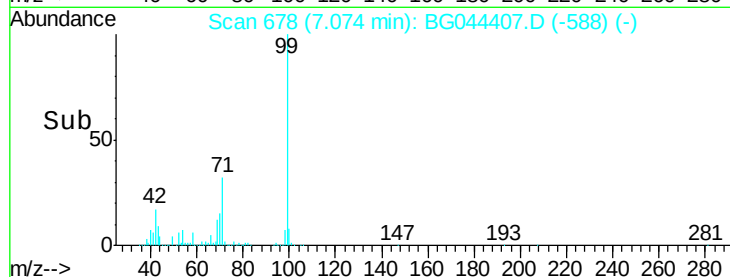
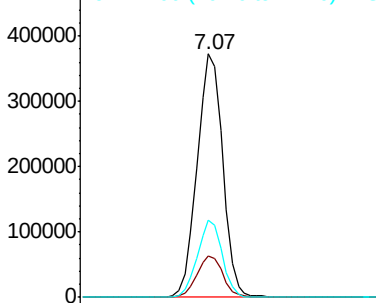
99 100

42 17.0 13.8 20.6

71 31.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.435 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

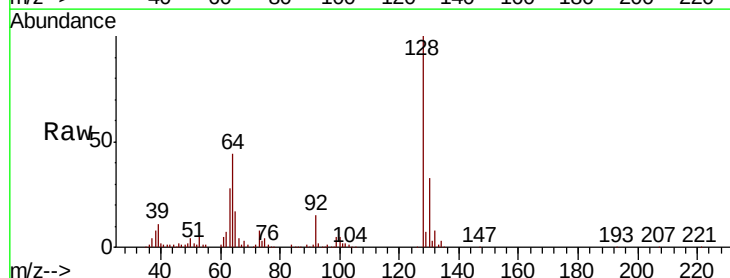
Tgt Ion:128 Resp: 193377

Ion Ratio Lower Upper

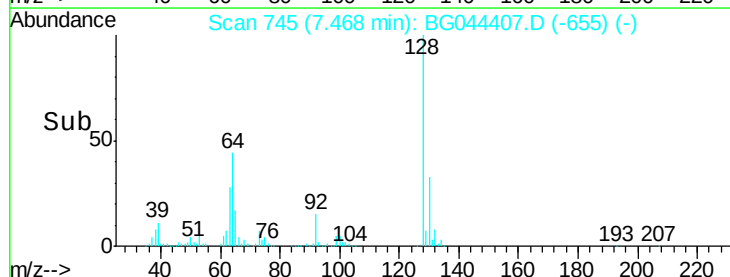
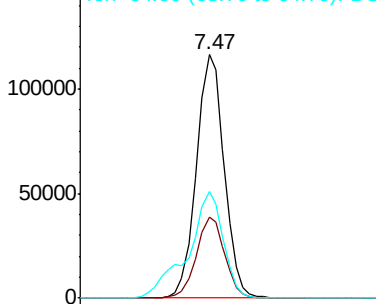
128 100

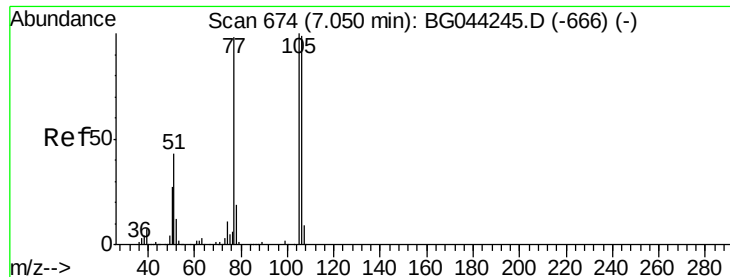
130 33.4 12.5 52.5

64 43.9 24.2 64.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.782 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

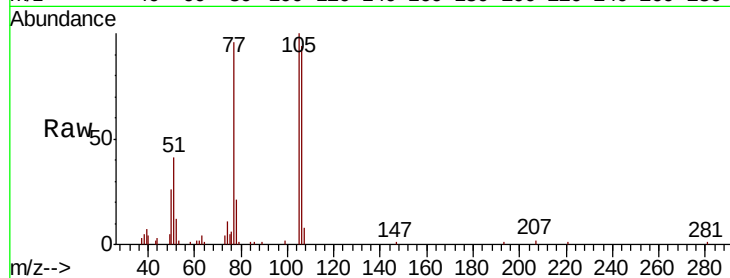
Tot Ion: 77 Resp: 40532

Ion Ratio Lower Upper

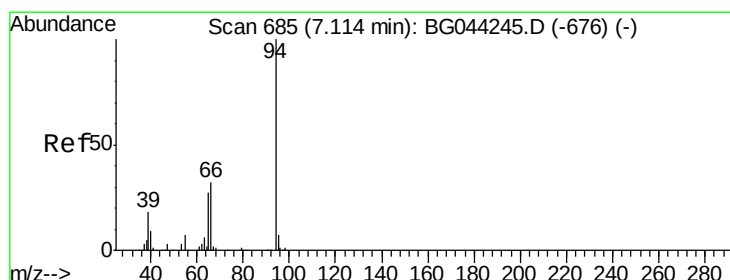
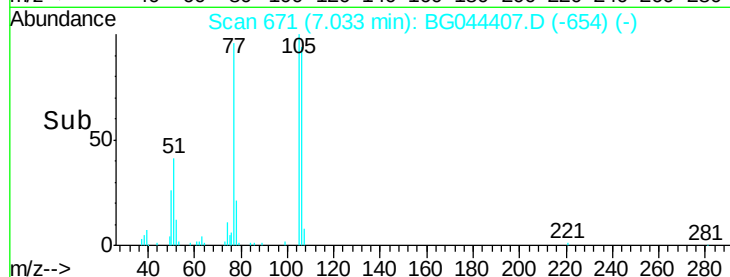
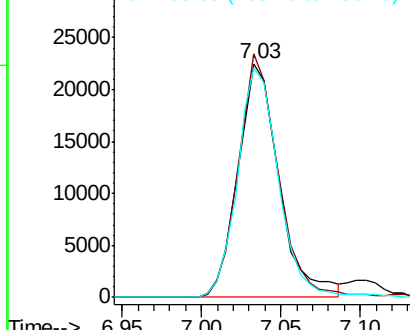
77 100

105 104.0 82.0 122.0

106 98.0 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.799 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

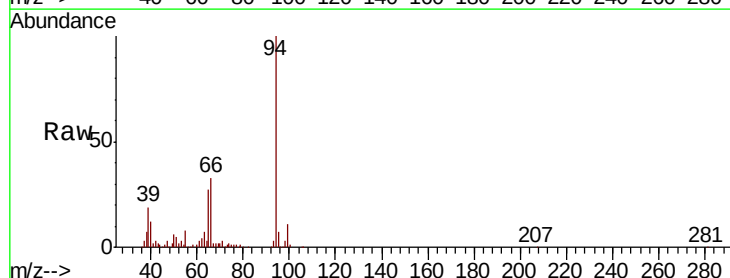
Tgt Ion: 94 Resp: 235841

Ion Ratio Lower Upper

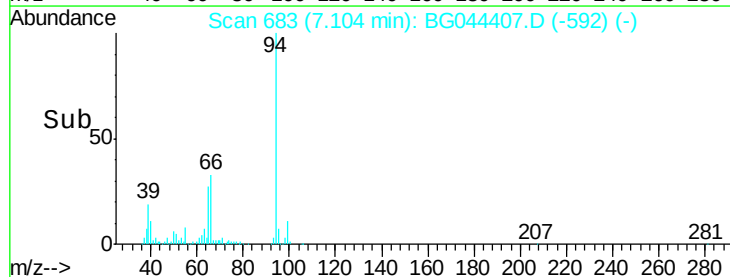
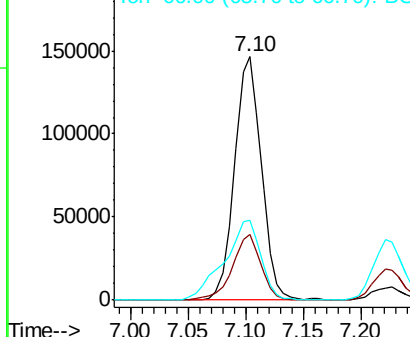
94 100

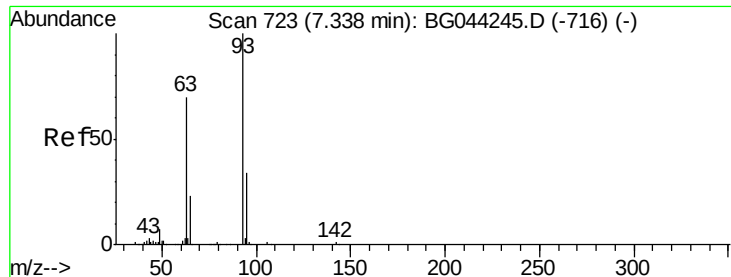
65 26.9 7.0 47.0

66 32.9 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

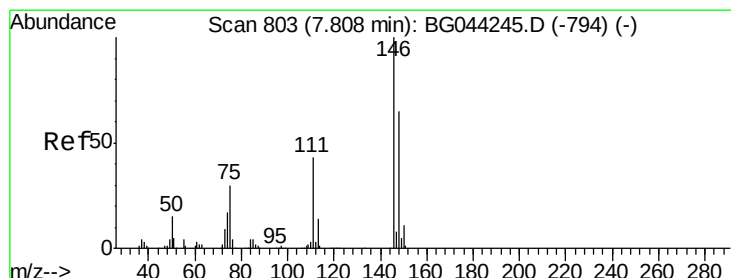
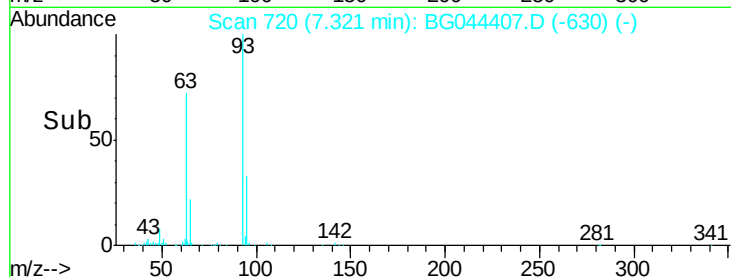
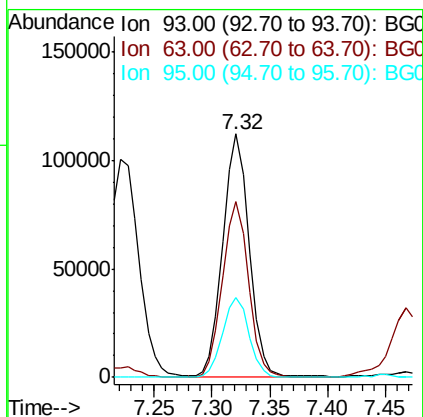
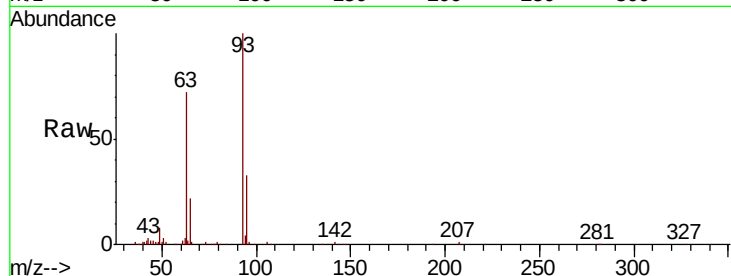




#11
bis(2-Chloroethyl)ether
Concen: 37.931 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

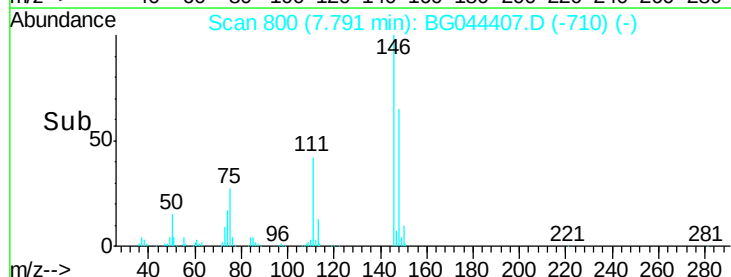
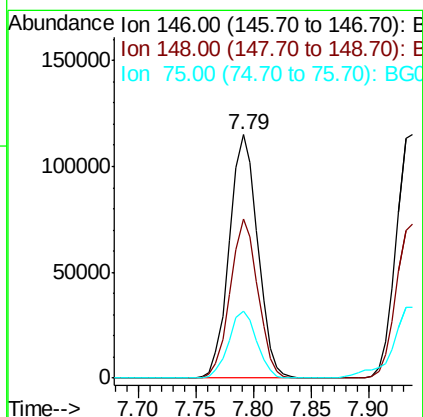
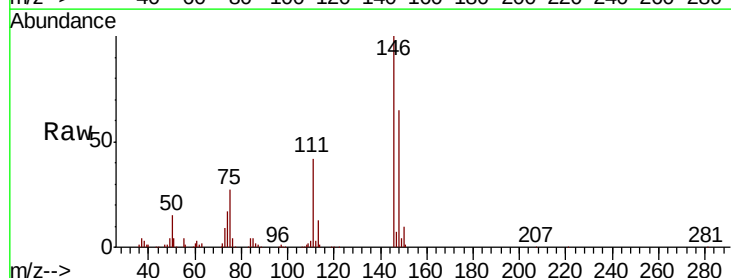
Instrument :
BNA_G
ClientSampled :

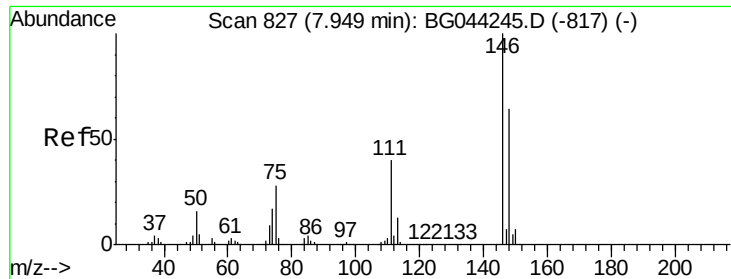
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	49.2	89.2
95	32.6	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 35.938 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	27.5	23.7	35.5

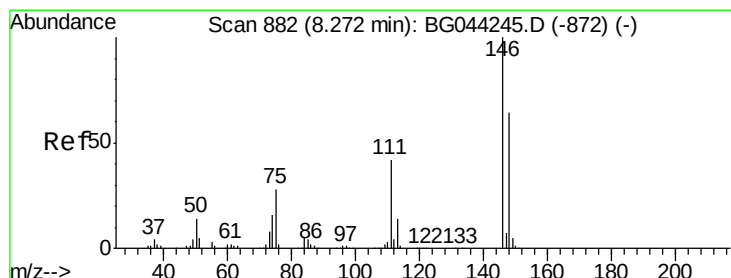
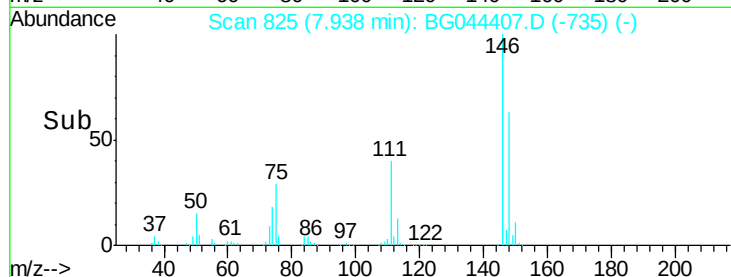
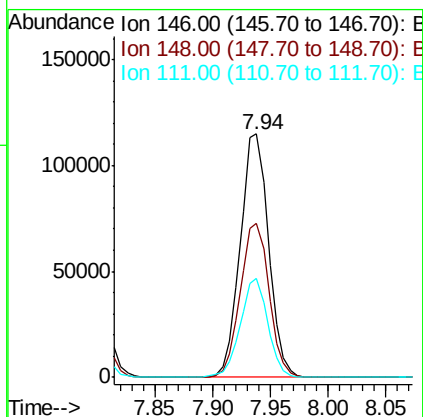
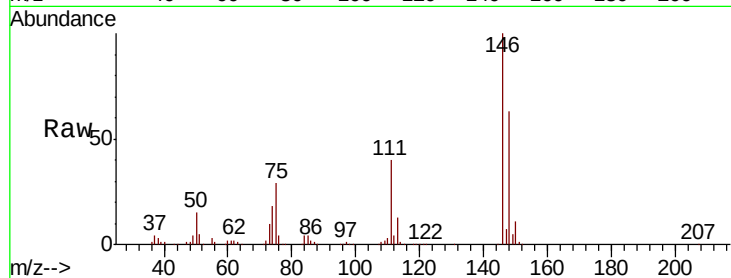




#13
 1,4-Dichlorobenzene
 Concen: 36.458 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

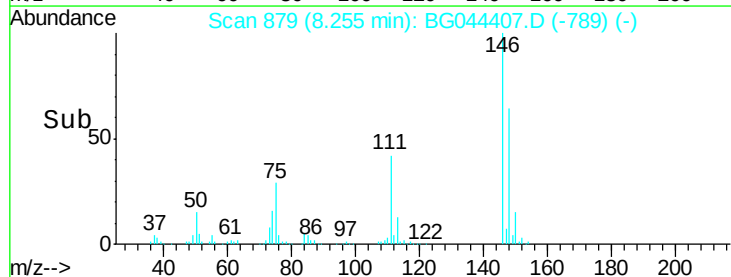
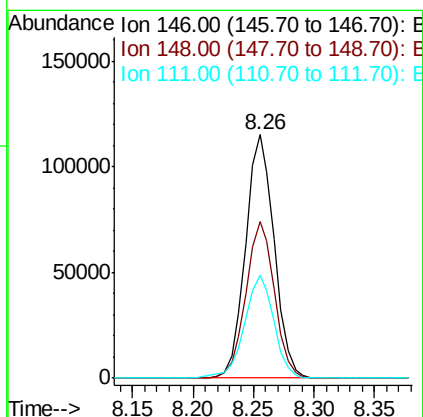
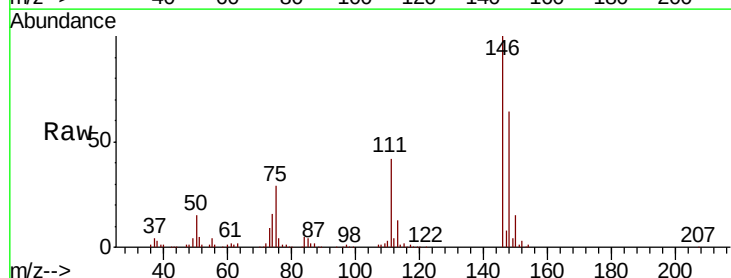
Instrument :
 BNA_G
 ClientSampleId :

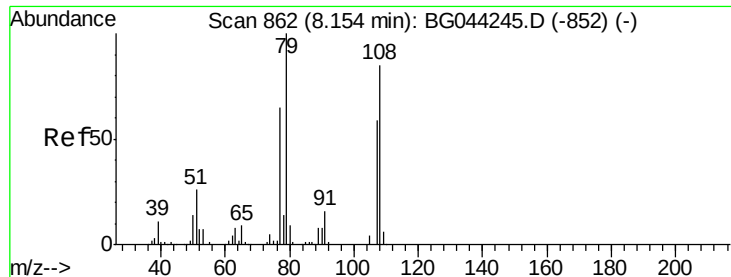
Tot Ion:146 Resp: 196468
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 40.5 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 37.378 ng
 RT: 8.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion:146 Resp: 190387
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 42.1 34.0 51.0





#15

Benzyl Alcohol

Concen: 39.892 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampled :

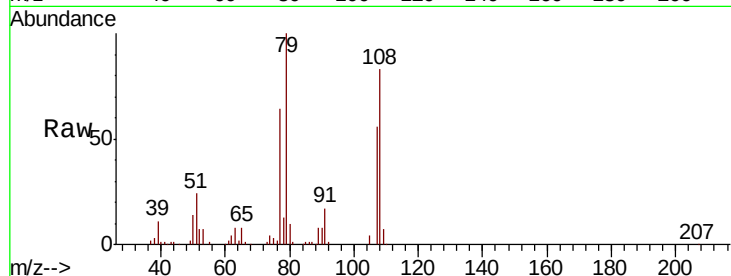
Tot Ion: 79 Resp: 157255

Ion Ratio Lower Upper

79 100

108 83.1 68.3 102.5

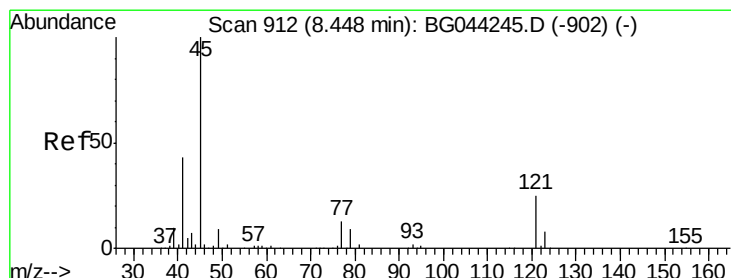
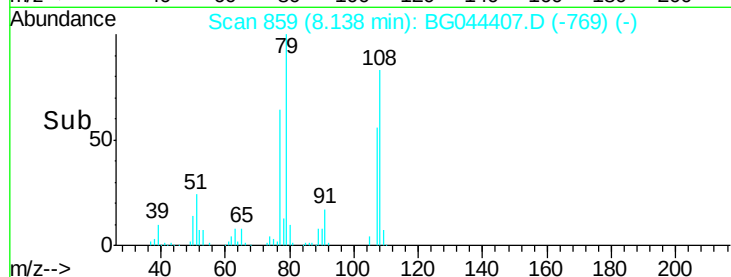
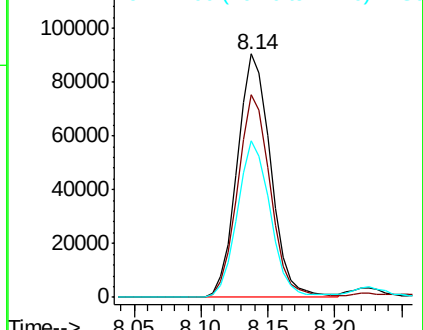
77 64.5 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.715 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

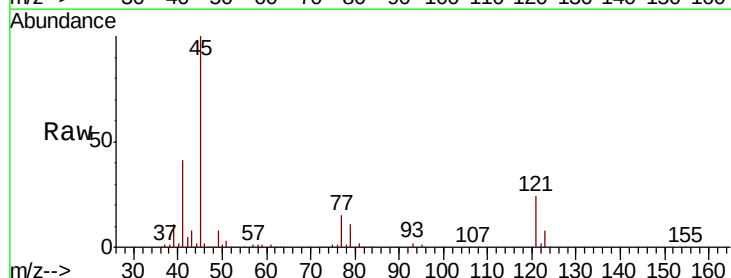
Tgt Ion: 45 Resp: 234106

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.2

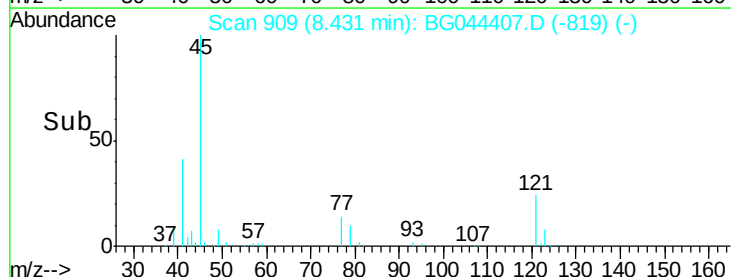
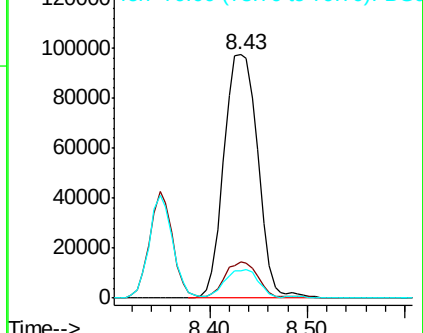
79 11.3 0.0 31.1

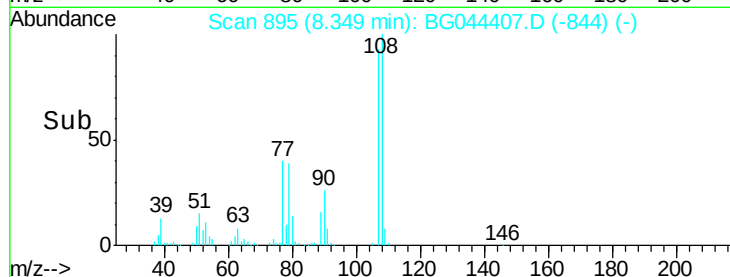
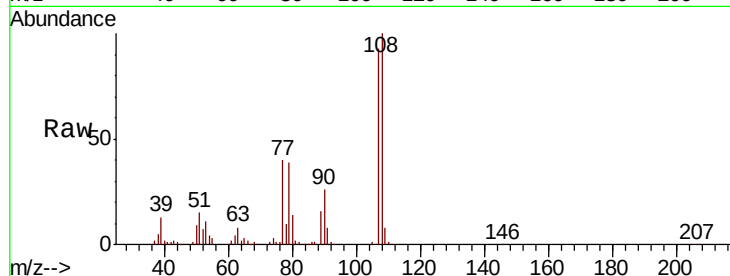
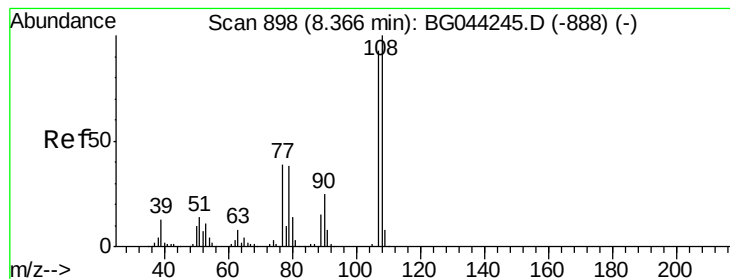


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.644 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 163727

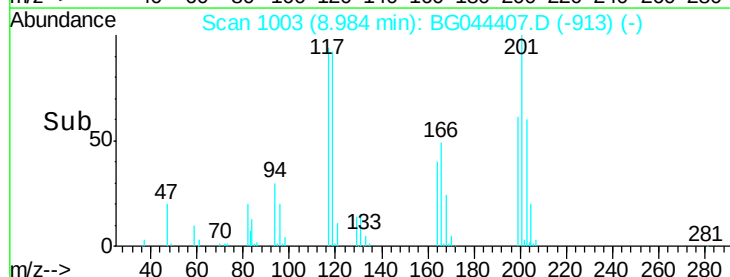
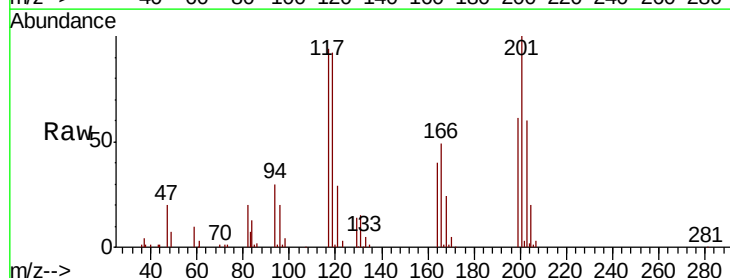
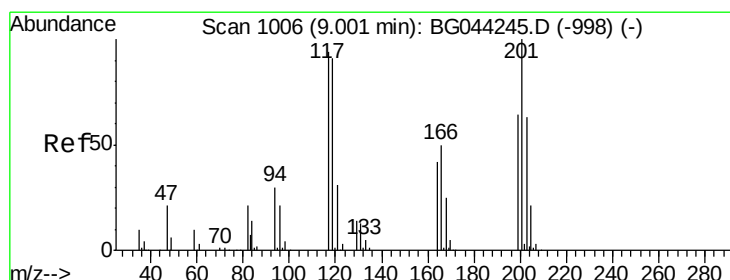
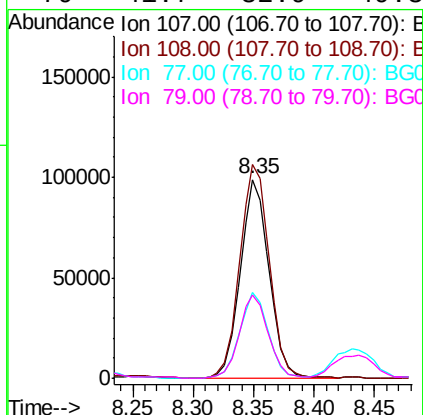
Ion Ratio Lower Upper

107 100

108 107.5 86.4 129.6

77 43.1 34.0 51.0

79 41.7 32.9 49.3



#18

Hexachloroethane

Concen: 36.213 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

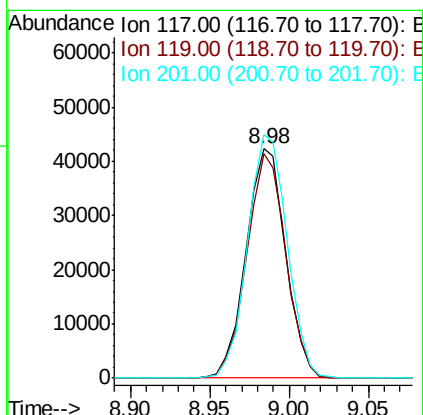
Tgt Ion:117 Resp: 73229

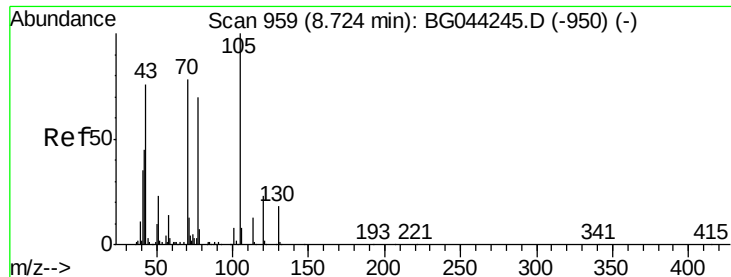
Ion Ratio Lower Upper

117 100

119 98.0 77.5 116.3

201 106.3 84.9 127.3

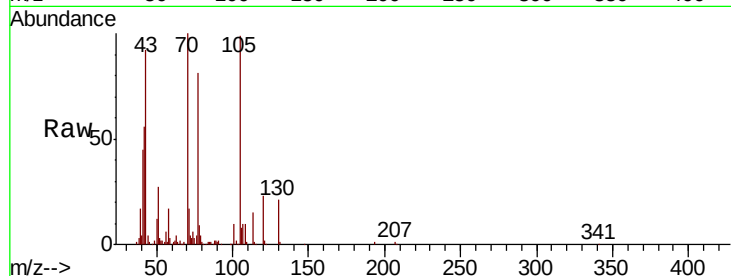




#19
n-Nitroso-di-n-propylamine
Concen: 36.985 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.2	69.2
101	10.1	8.4	12.6
130	21.4	17.8	26.8



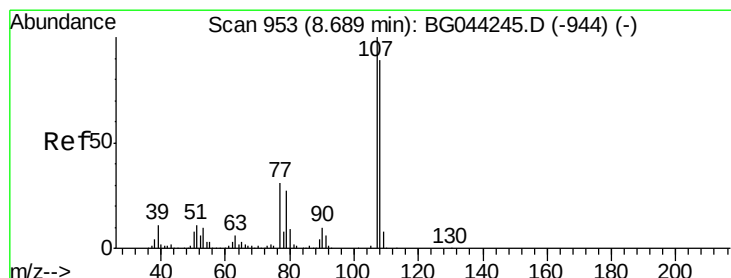
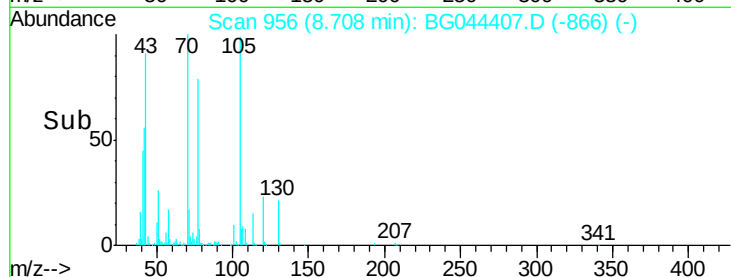
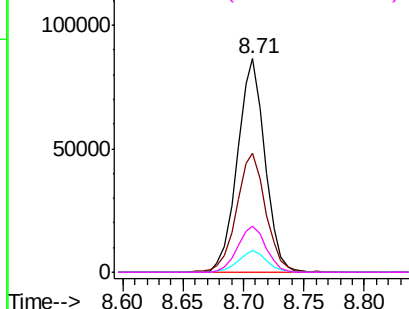
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

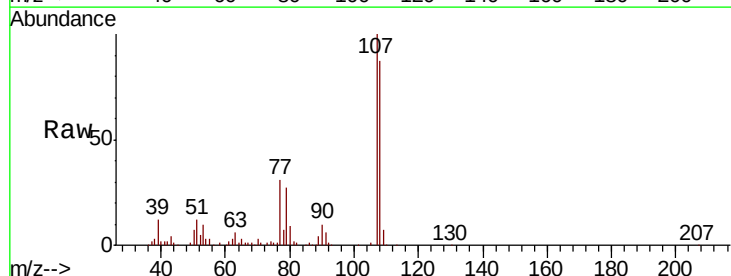
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.770 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	31.1	10.9	50.9
79	27.0	7.1	47.1



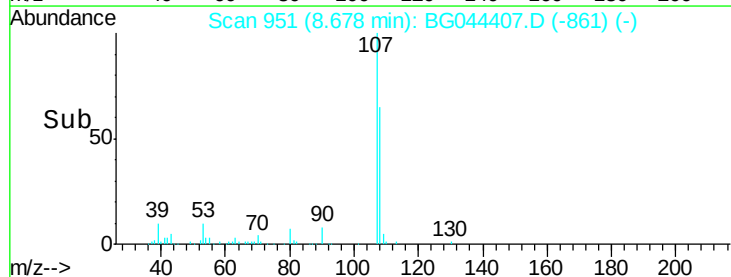
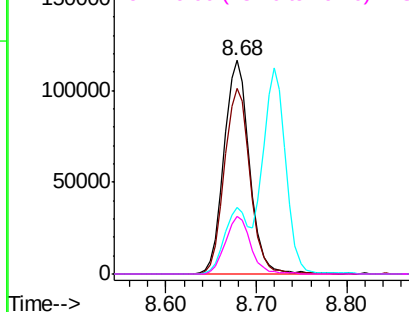
Abundance

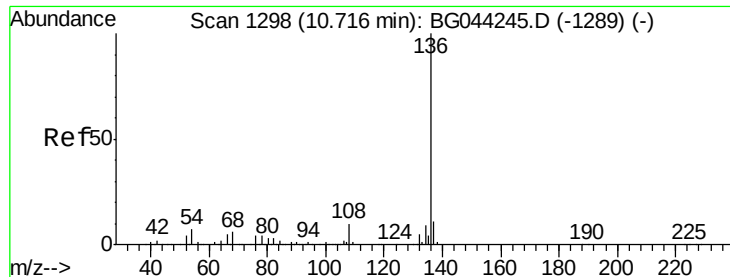
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

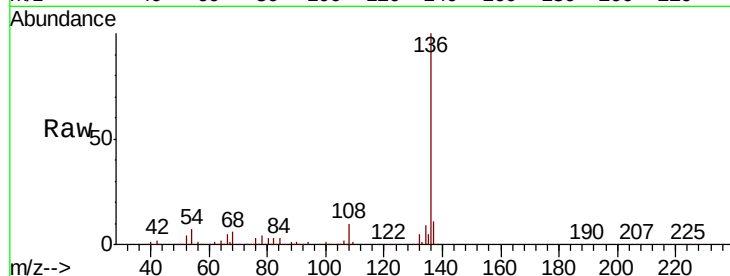




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	308932
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.3	5.8 8.8
68	5.9	4.6 6.8



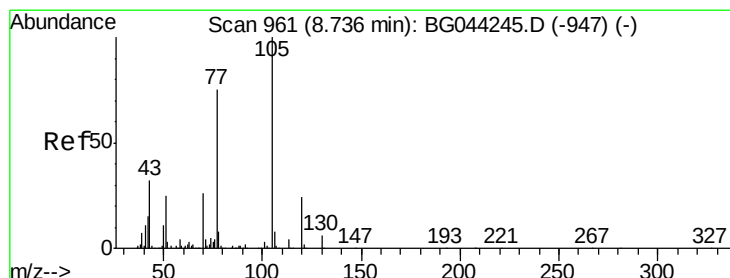
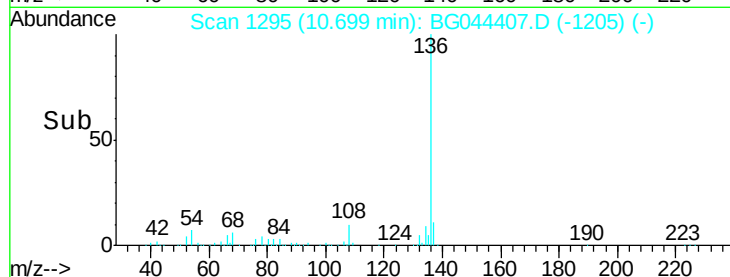
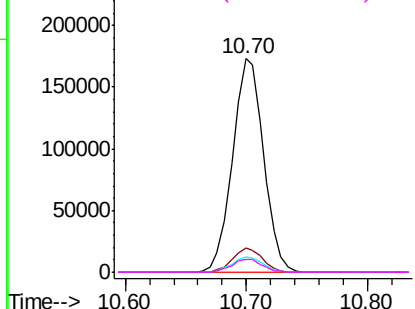
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

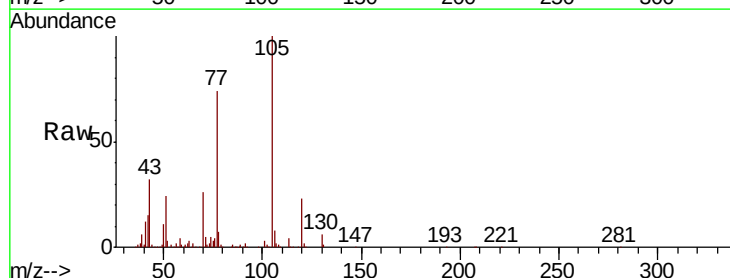
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 35.365 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:105	Resp:	265784
Ion	Ratio	Lower Upper
105	100	
71	4.8	3.4 5.0
51	23.7	20.2 30.4
120	22.8	19.1 28.7



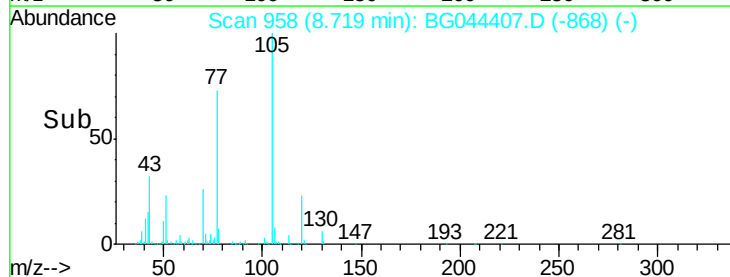
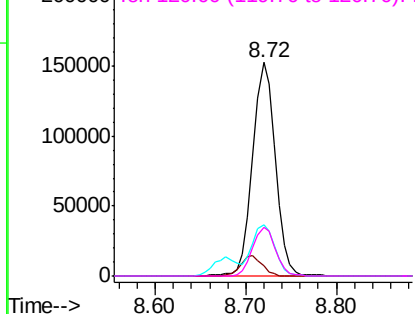
Abundance

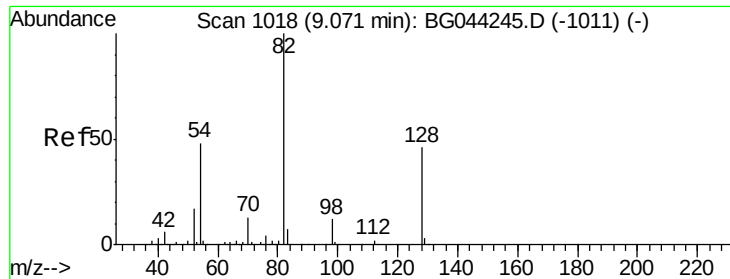
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

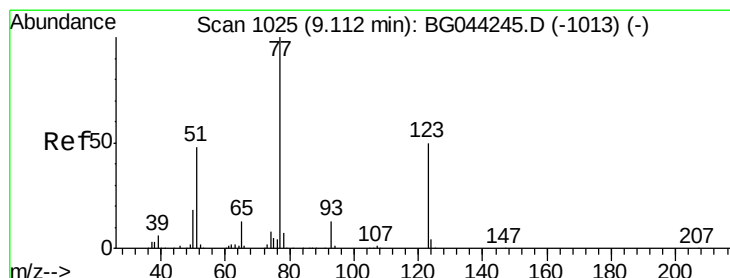
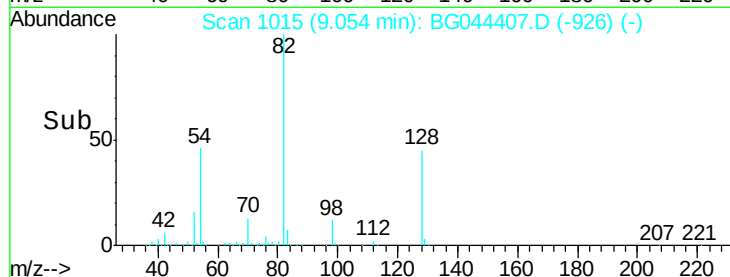
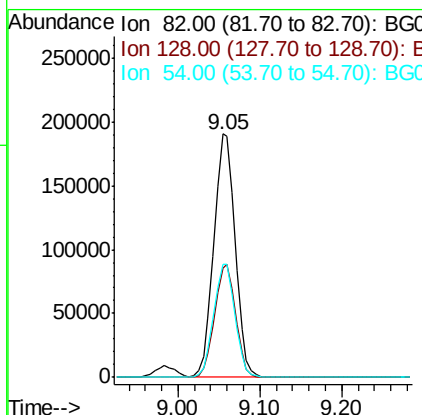
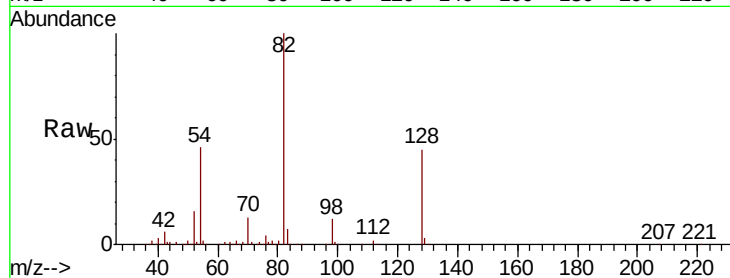




#23
Nitrobenzene-d5
Concen: 63.551 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

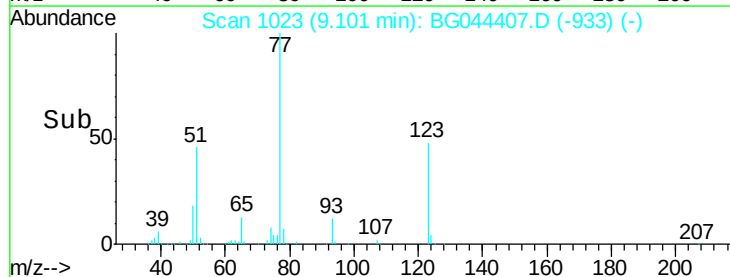
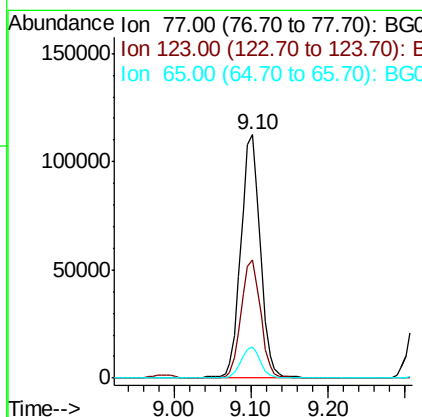
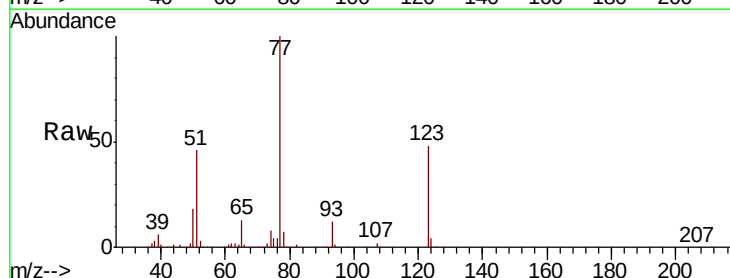
Instrument :
BNA_G
ClientSampleId :

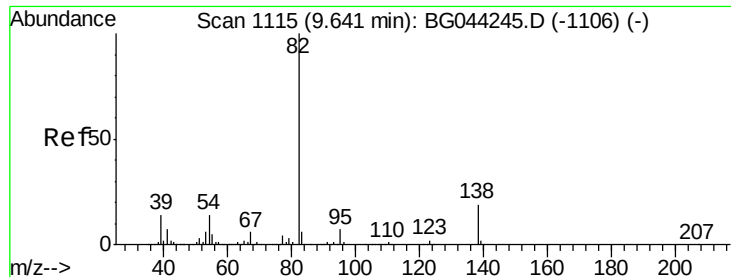
Tot Ion	82	Resp	347752
Ion Ratio	100	Lower	Upper
128	45.1	36.5	54.7
54	46.5	38.6	58.0



#24
Nitrobenzene
Concen: 37.448 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	77	Resp	200049
Ion Ratio	100	Lower	Upper
123	48.5	39.9	59.9
65	12.7	10.4	15.6





#25

Isophorone

Concen: 37.076 ng

RT: 9.62 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampled :

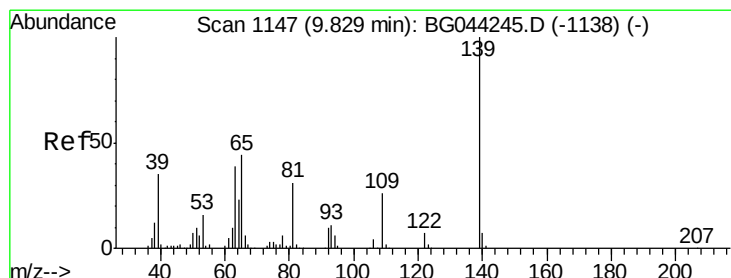
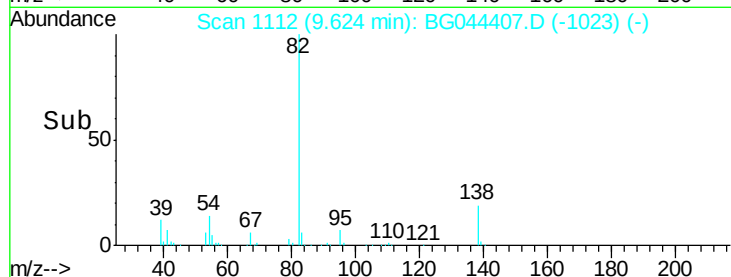
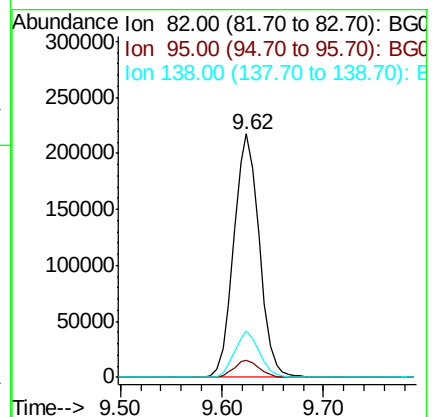
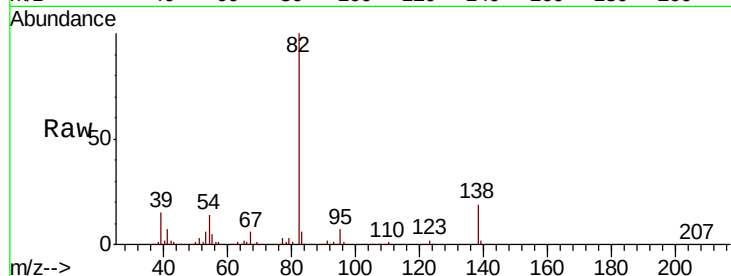
Tot Ion: 82 Resp: 378147

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 19.3 15.0 22.4



#26

2-Nitrophenol

Concen: 39.205 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

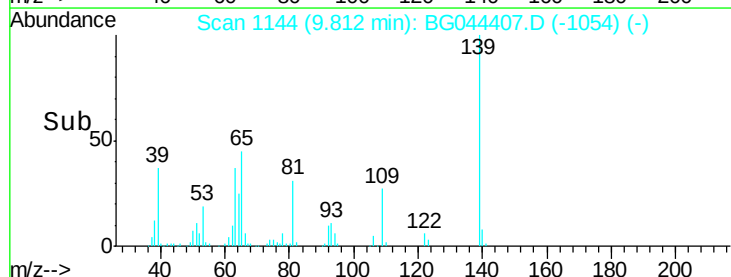
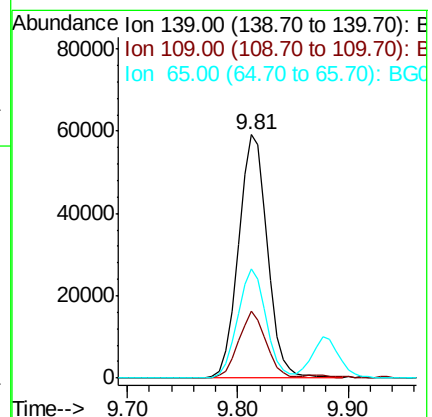
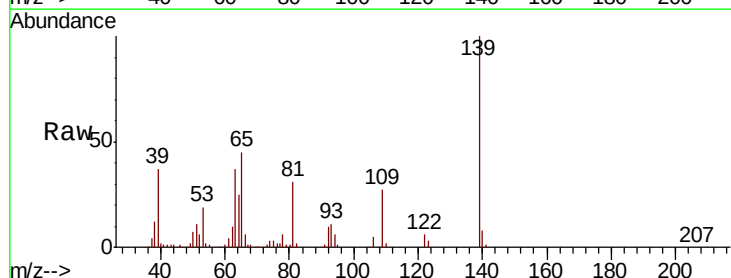
Tgt Ion: 139 Resp: 108675

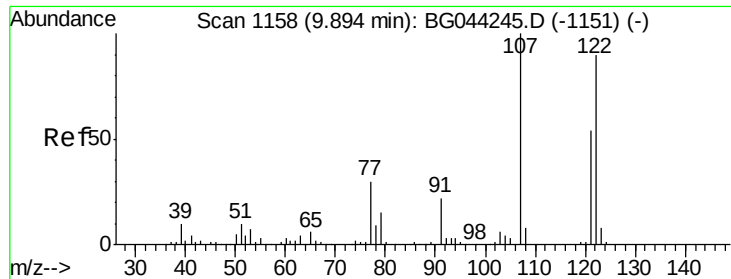
Ion Ratio Lower Upper

139 100

109 27.4 21.0 31.4

65 44.8 35.0 52.4

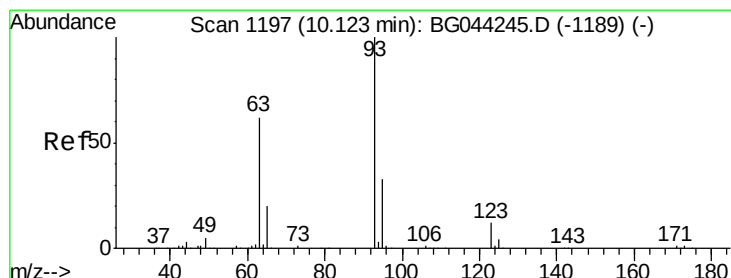
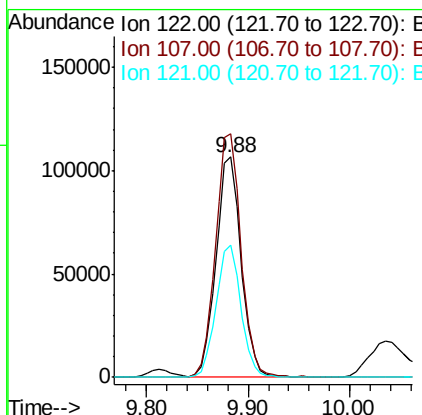
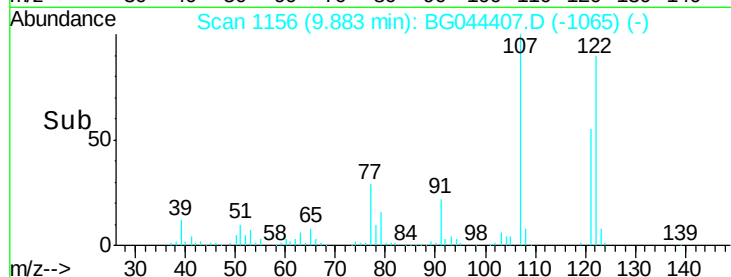
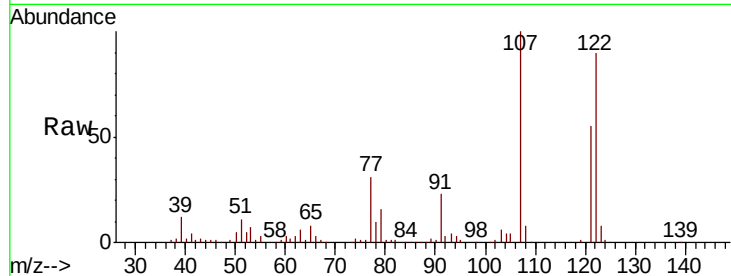




#27
 2,4-Dimethylphenol
 Concen: 46.739 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

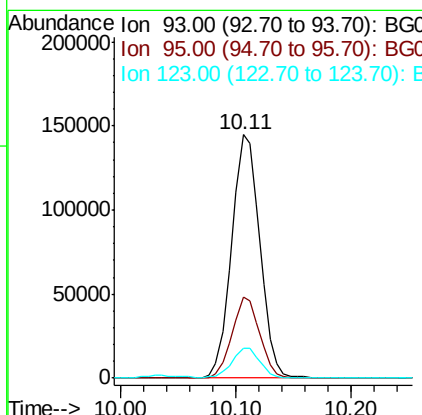
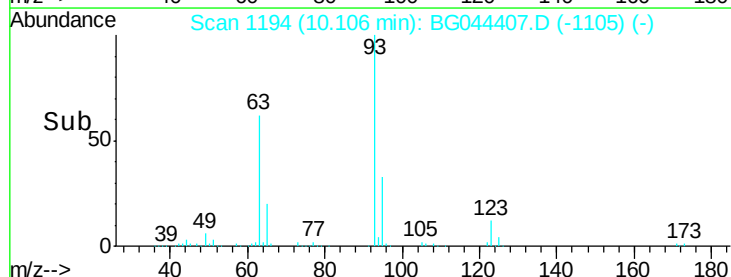
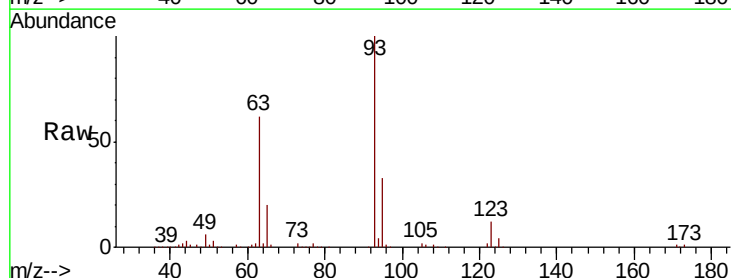
Instrument :
 BNA_G
 ClientSampleId :

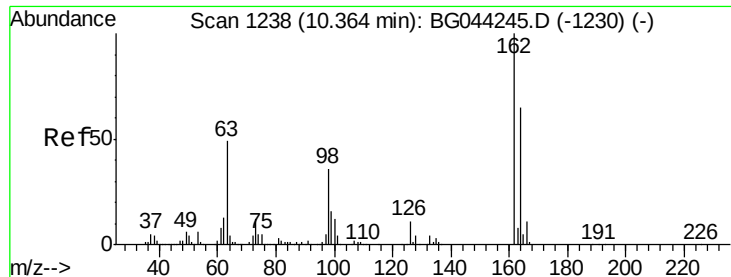
Tot Ion:122 Resp: 182886
 Ion Ratio Lower Upper
 122 100
 107 110.6 88.8 133.2
 121 60.4 48.3 72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.029 ng
 RT: 10.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion: 93 Resp: 245133
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.6 40.0
 123 12.3 10.0 15.0

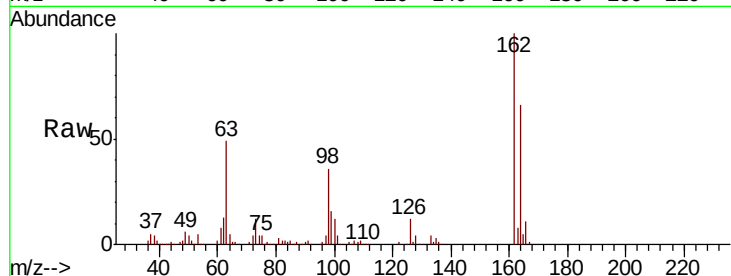




#29
 2,4-Dichlorophenol
 Concen: 40.732 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.7	84.7
98	36.5	15.8	55.8

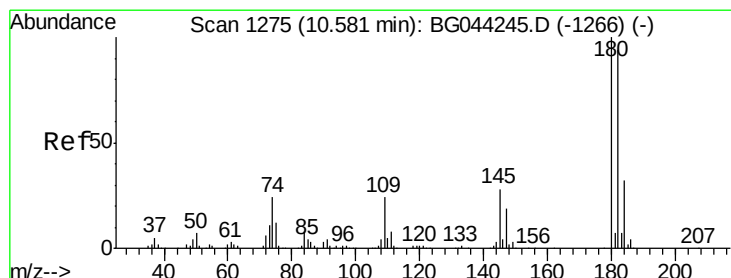
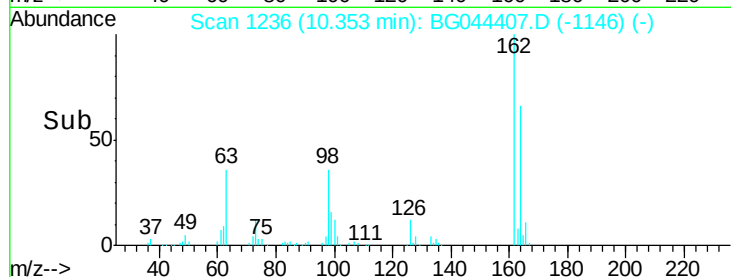
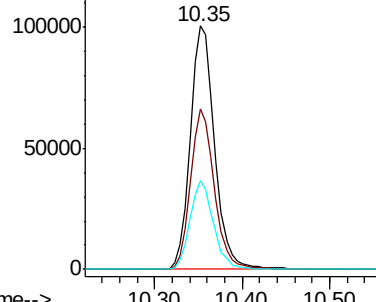


Abundance

Ion 162.00 (161.70 to 162.70): E

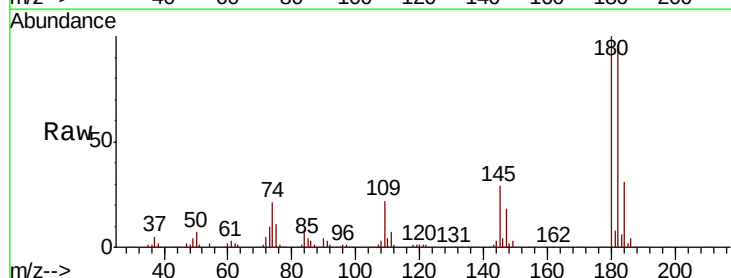
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 36.038 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.5	113.3
145	28.7	22.6	34.0

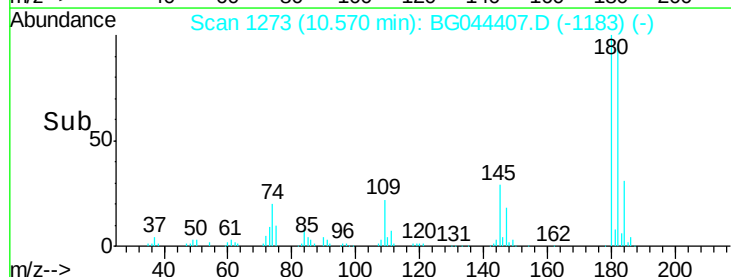
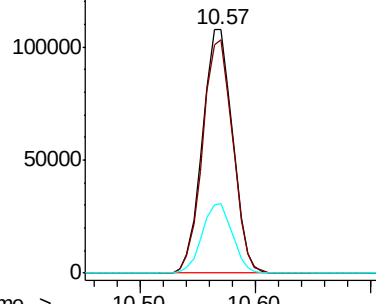


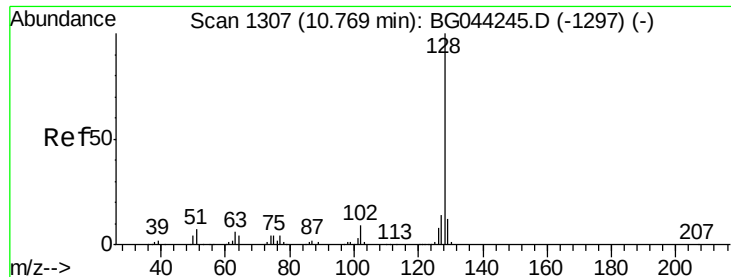
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

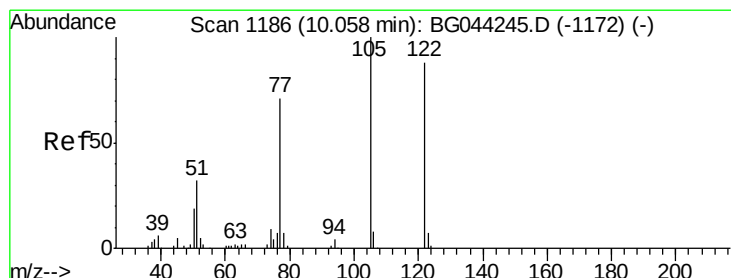
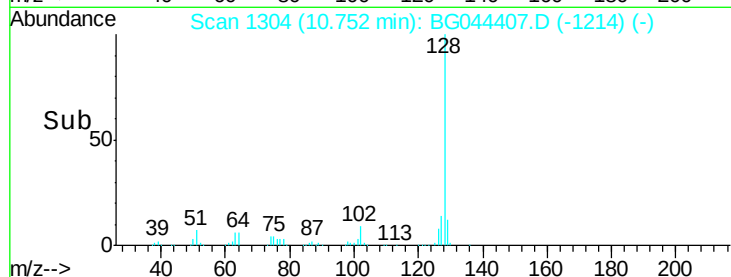
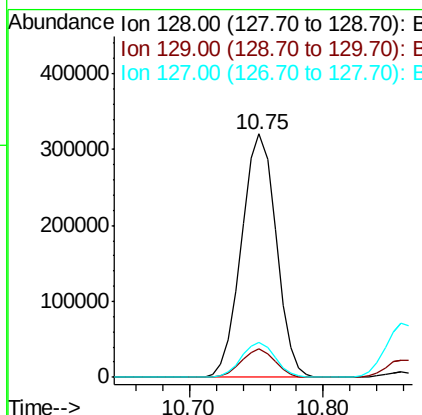
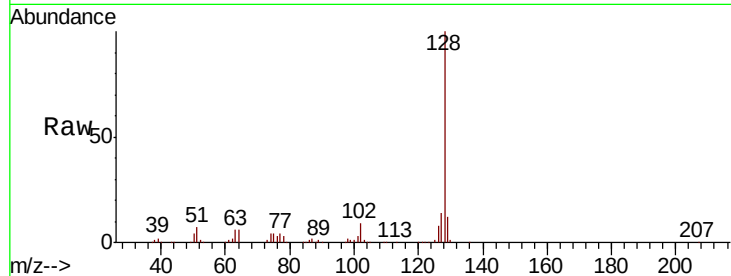




#31
Naphthalene
Concen: 38.348 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

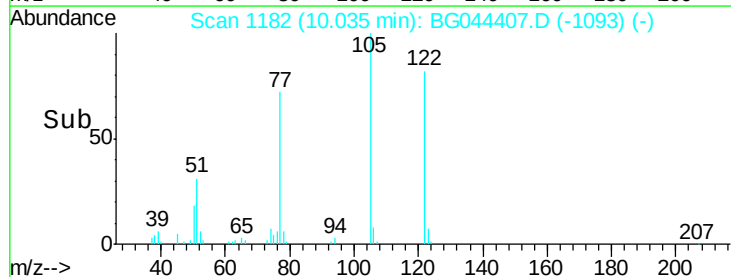
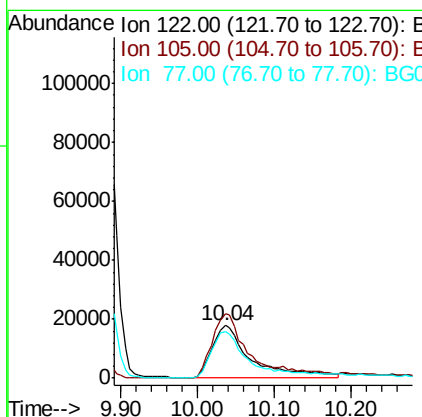
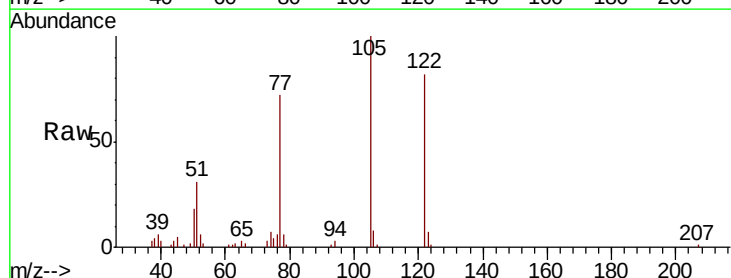
Instrument :
BNA_G
ClientSampleId :

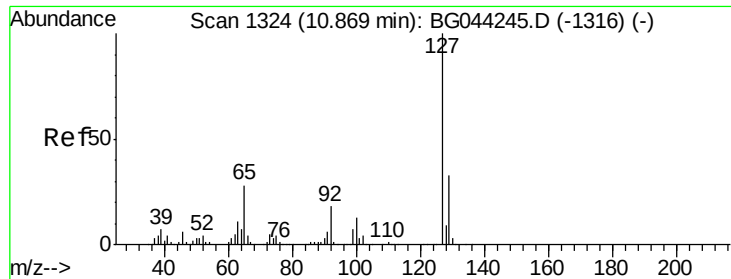
Tot Ion:128 Resp: 574783
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 30.899 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:122 Resp: 61175
Ion Ratio Lower Upper
122 100
105 121.8 93.5 133.5
77 87.8 61.0 101.0

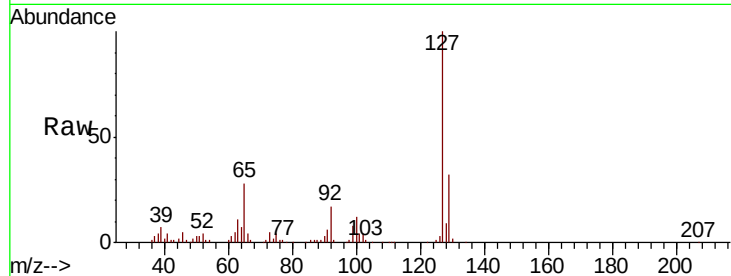




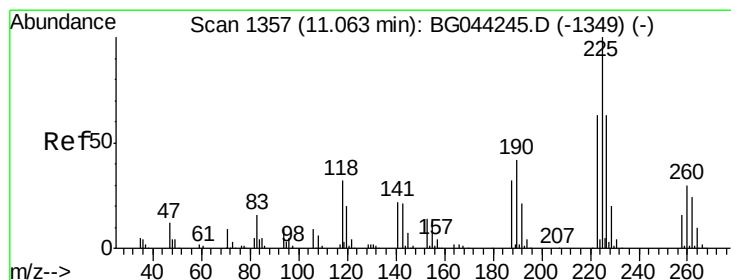
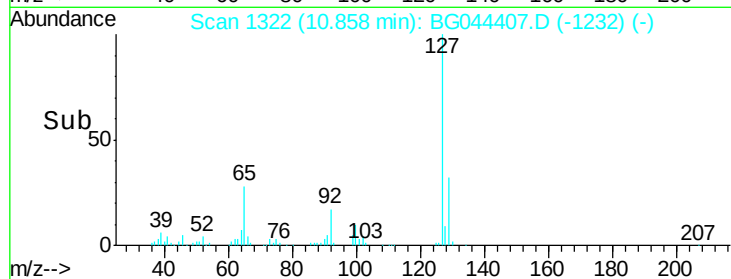
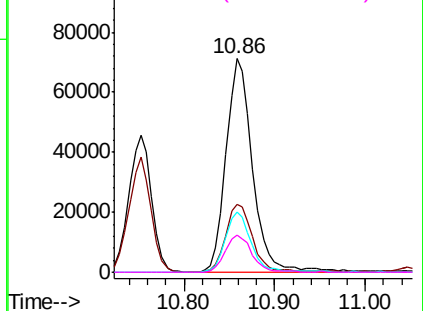
#33
4-Chloroaniline
Concen: 21.270 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	144993
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.6 40.0
65	27.9	22.5 33.7
92	17.5	14.1 21.1

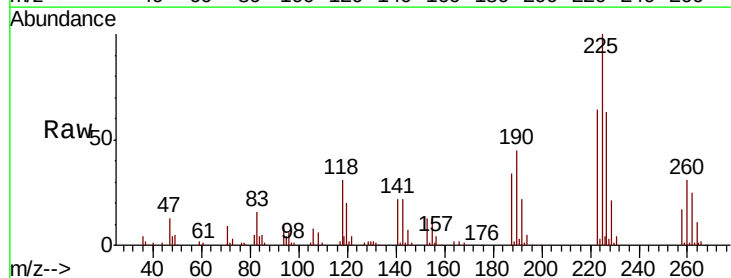


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

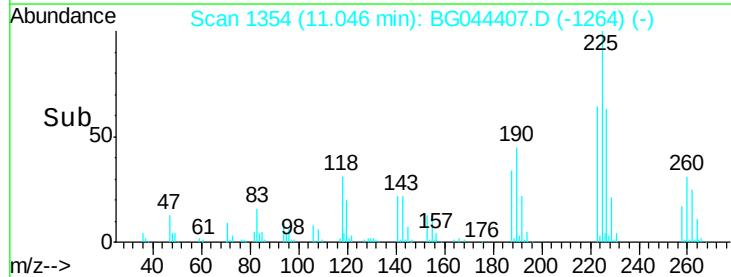
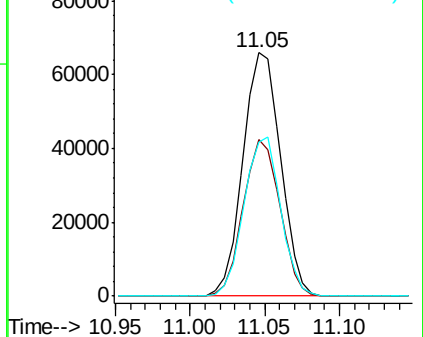


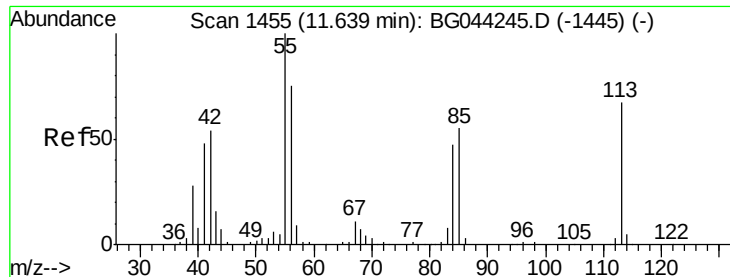
#34
Hexachlorobutadiene
Concen: 34.490 ng
RT: 11.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:225	Resp:	115138
Ion Ratio	Lower	Upper
225	100	
223	64.2	50.2 75.4
227	63.1	50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

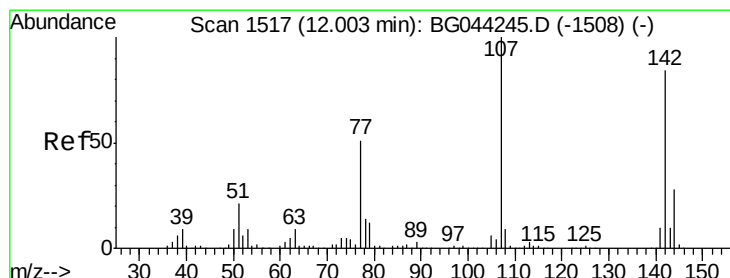
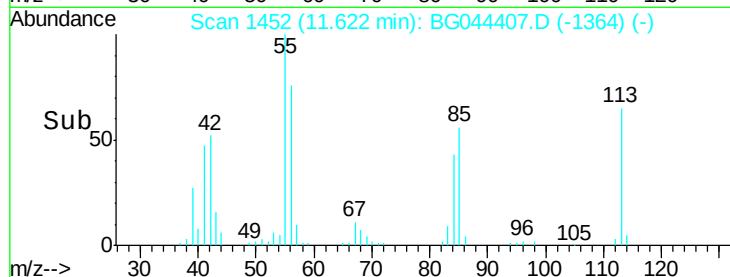
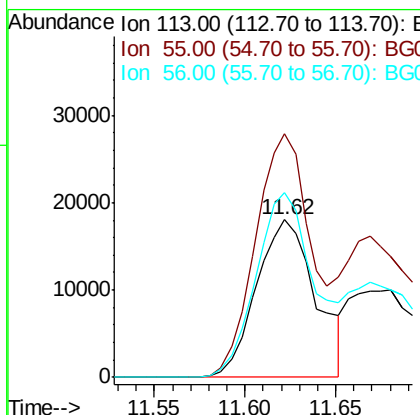
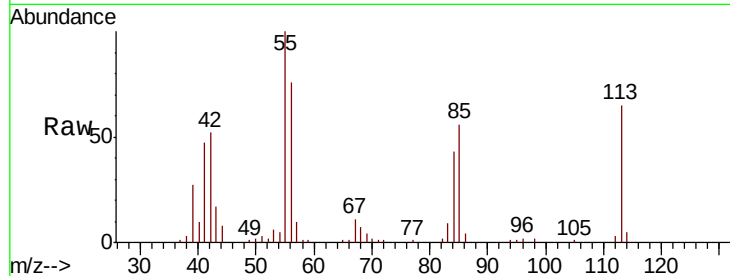




#35
Caprolactam
Concen: 23.560 ng
RT: 11.62 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

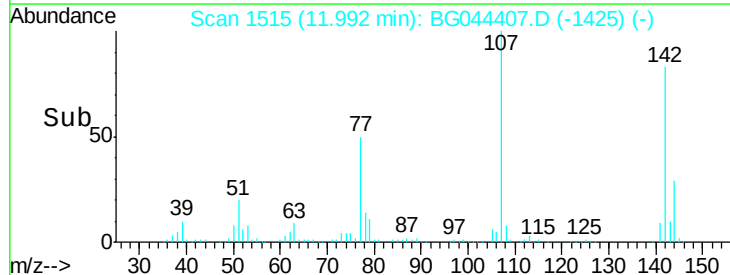
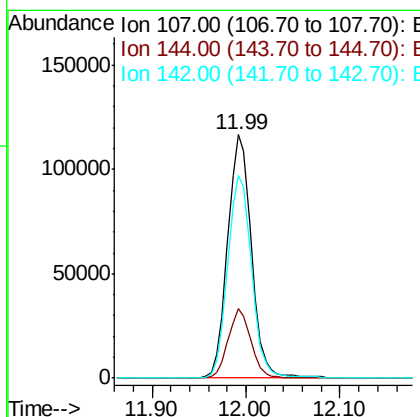
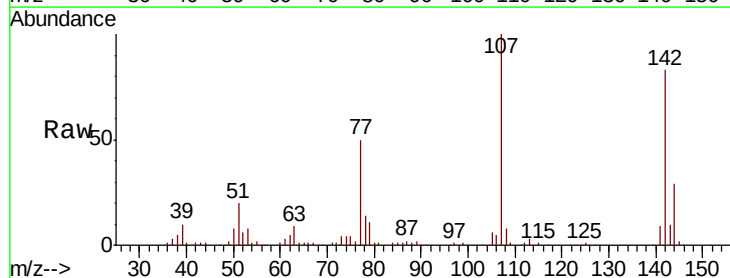
Instrument :
BNA_G
ClientSampled :

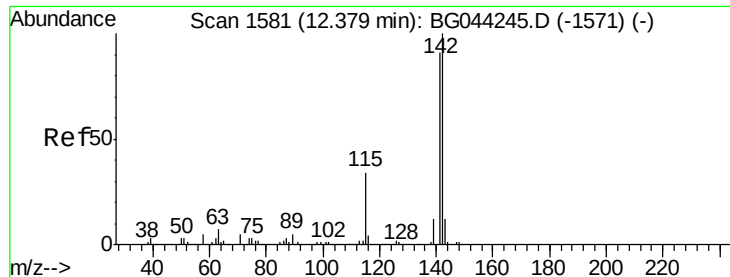
Tot Ion:113 Resp: 40833
Ion Ratio Lower Upper
113 100
55 154.4 129.9 169.9
56 117.0 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 41.347 ng
RT: 11.99 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:107 Resp: 205106
Ion Ratio Lower Upper
107 100
144 28.7 22.2 33.4
142 83.2 67.4 101.0

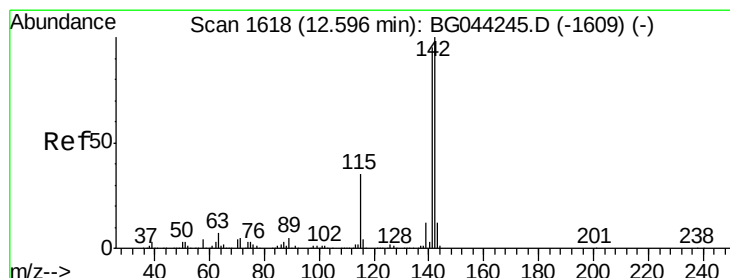
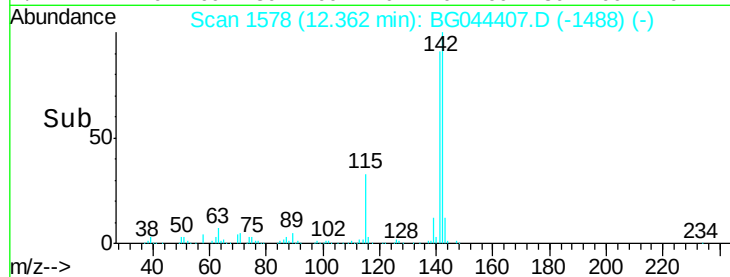
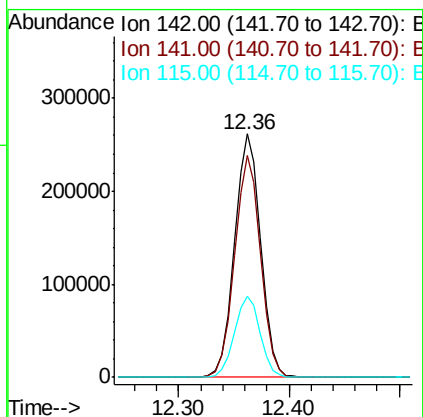
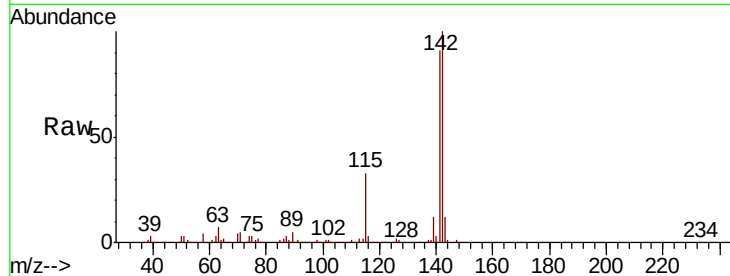




#37
 2-Methylnaphthalene
 Concen: 38.945 ng
 RT: 12.36 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

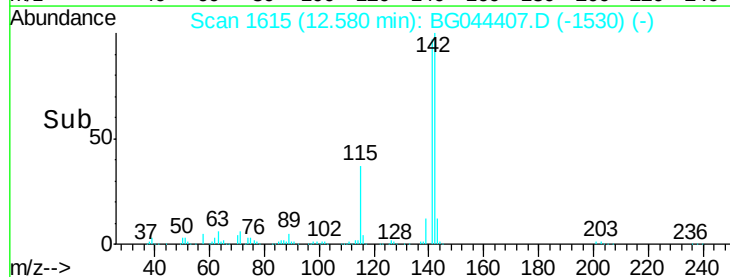
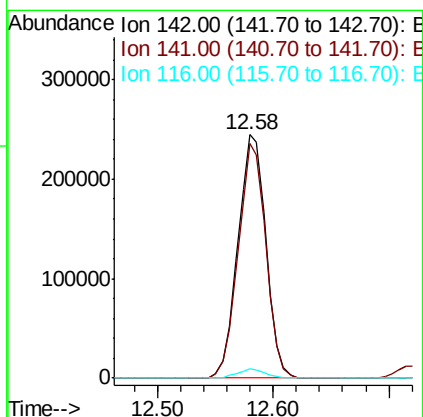
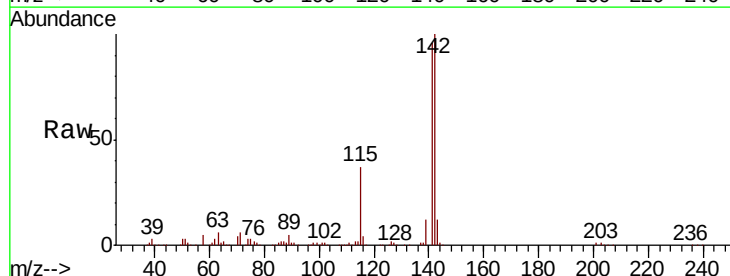
Instrument :
 BNA_G
 ClientSampleId :

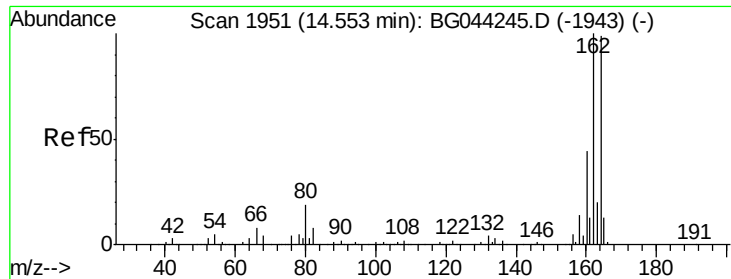
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8
115	33.3	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 39.090 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.8	113.6
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

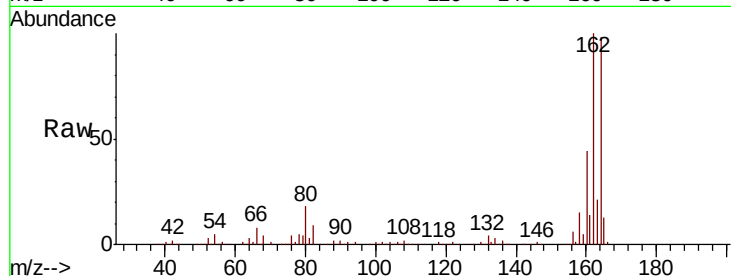
Tot Ion:164 Resp: 210752

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

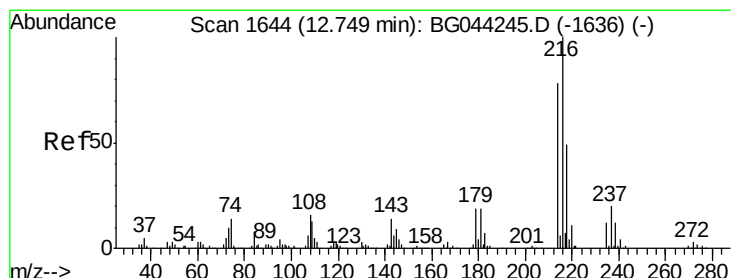
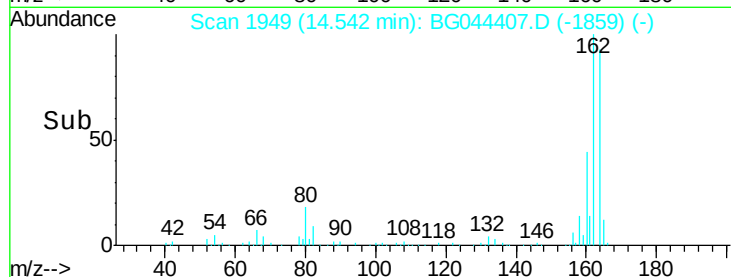
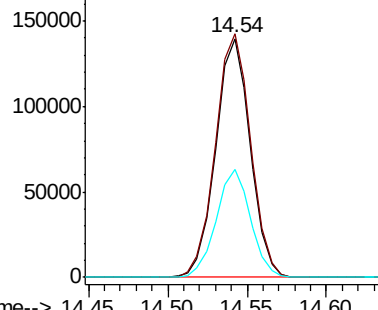
160 44.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.960 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:216 Resp: 214096

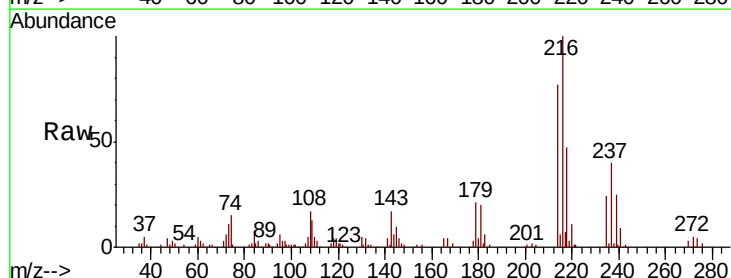
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.8 16.2 24.4

108 18.1 13.5 20.3

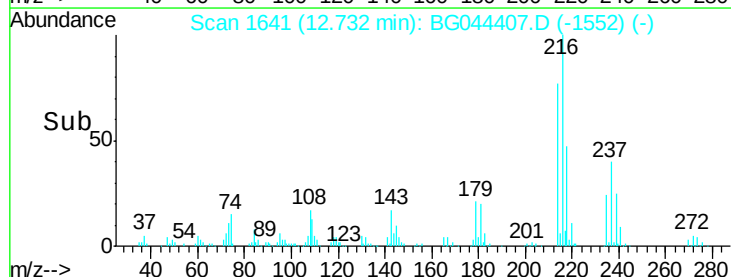
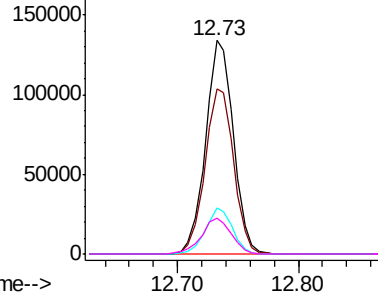


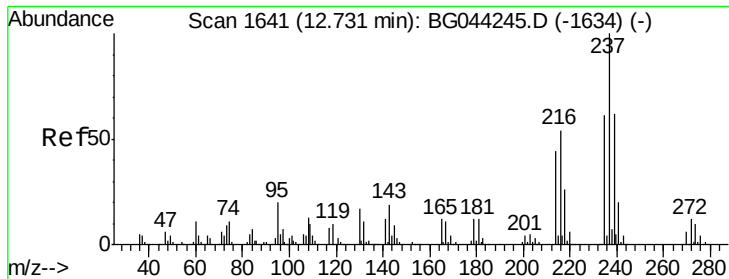
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.883 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampled :

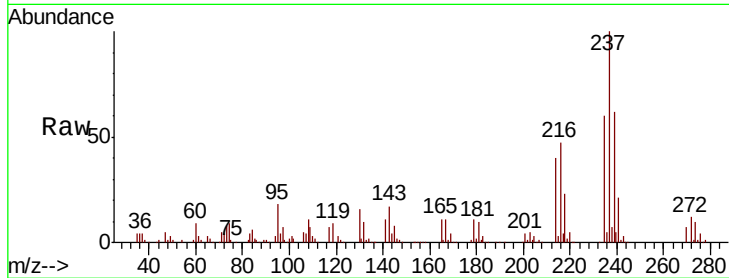
Tot Ion:237 Resp: 166020

Ion Ratio Lower Upper

237 100

235 60.5 41.2 81.2

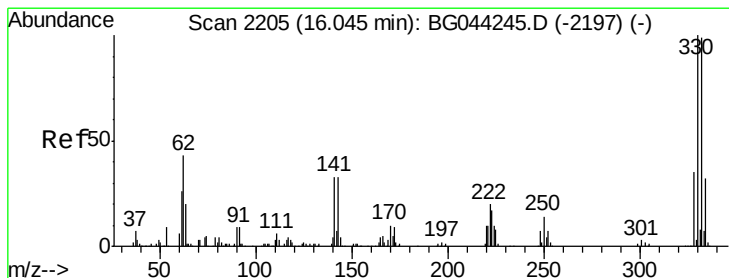
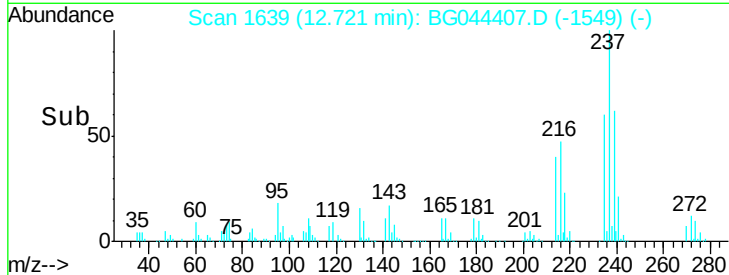
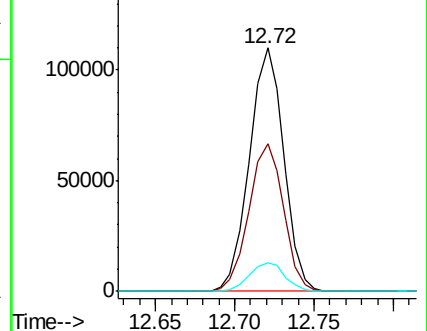
272 11.8 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.871 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

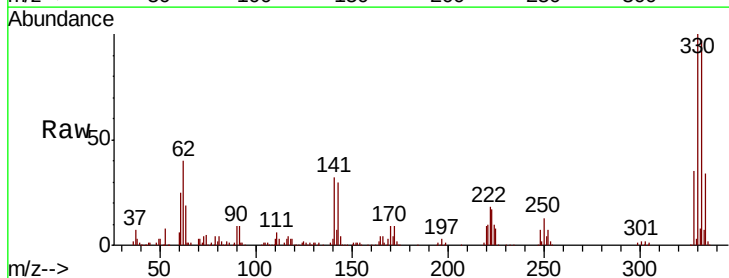
Tgt Ion:330 Resp: 291626

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

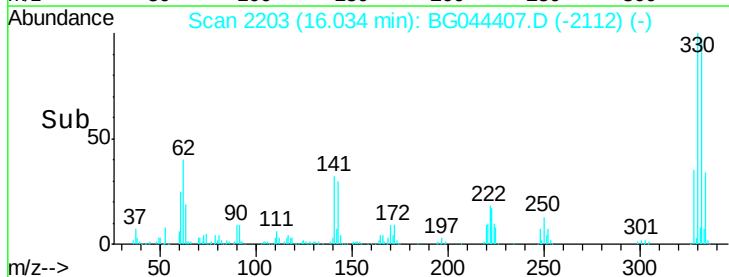
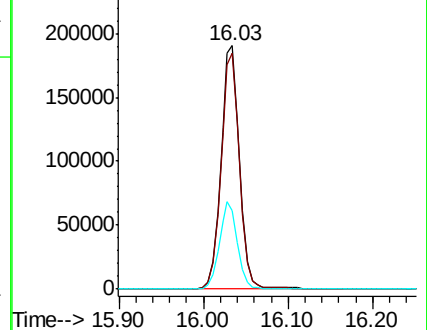
141 35.1 28.3 42.5

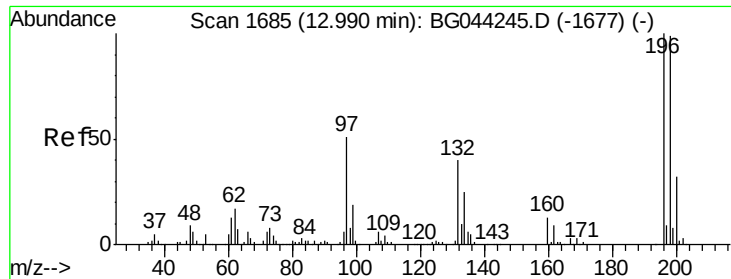


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

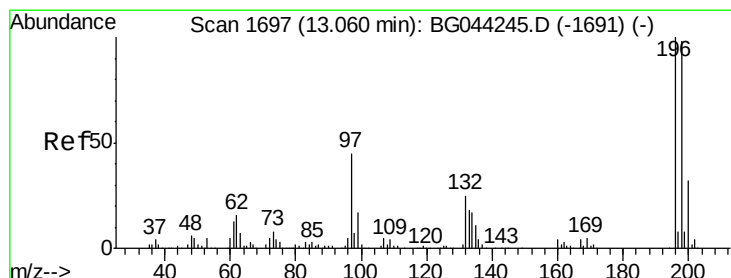
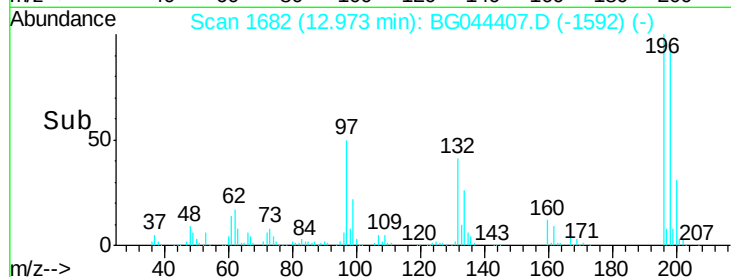
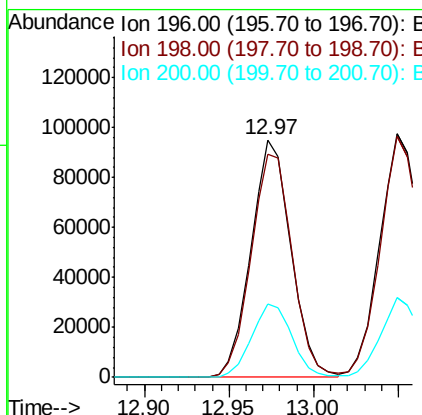
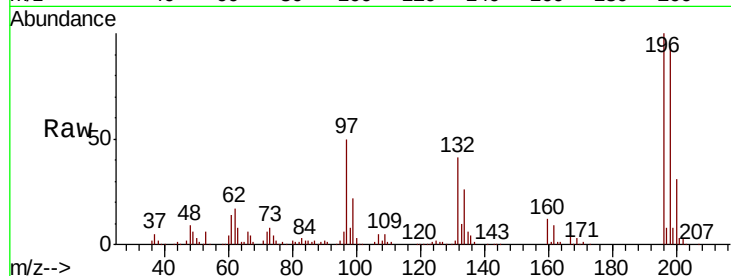




#43
 2,4,6-Trichlorophenol
 Concen: 38.142 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

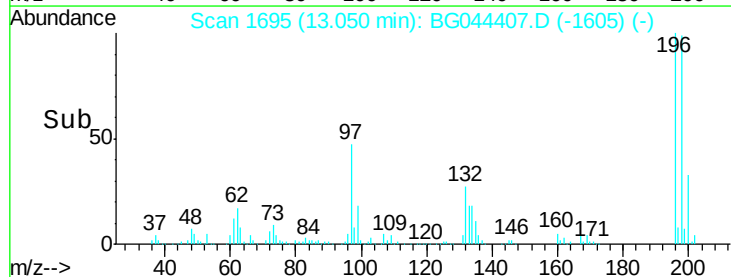
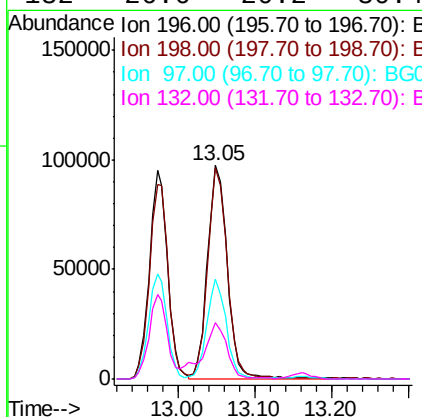
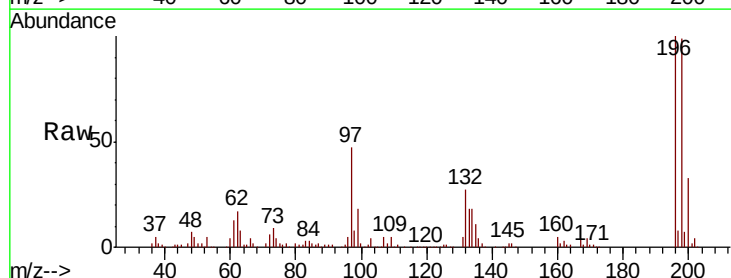
Instrument :
 BNA_G
 ClientSampleId :

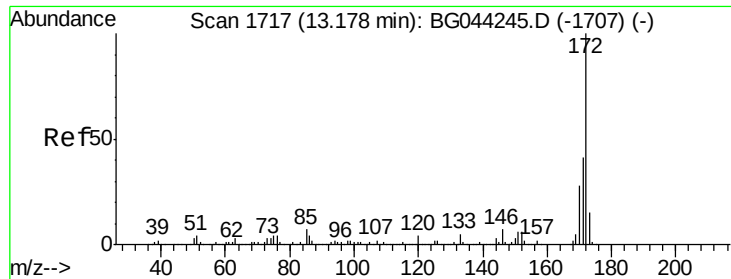
Tot Ion:196 Resp: 155425
 Ion Ratio Lower Upper
 196 100
 198 93.8 79.3 118.9
 200 31.0 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.337 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion:196 Resp: 172049
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.2 117.2
 97 46.5 36.2 54.4
 132 26.6 20.2 30.4

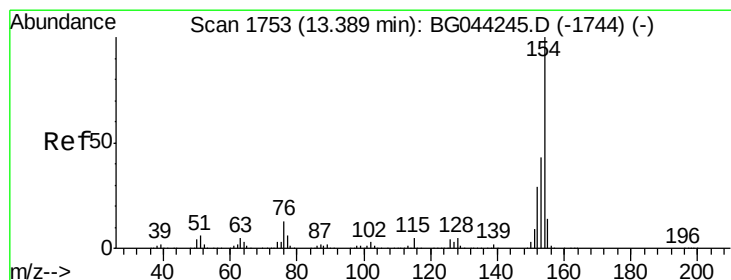
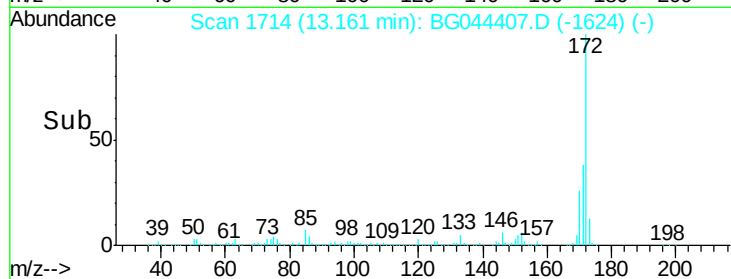
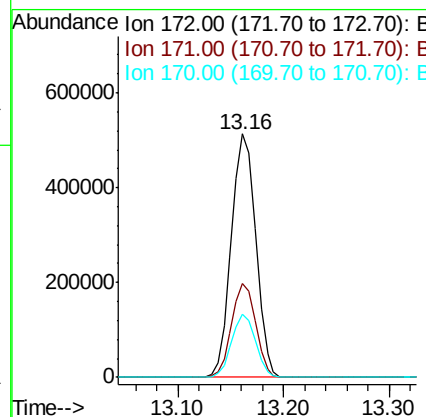
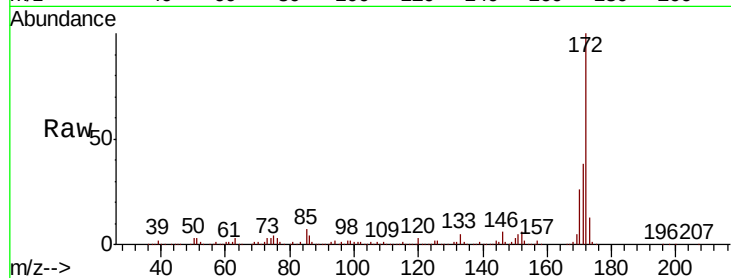




#45
2-Fluorobiphenyl
Concen: 65.234 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

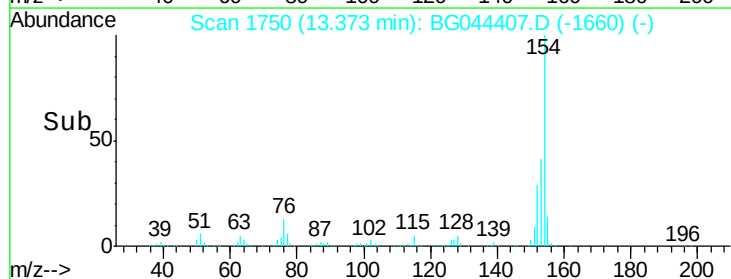
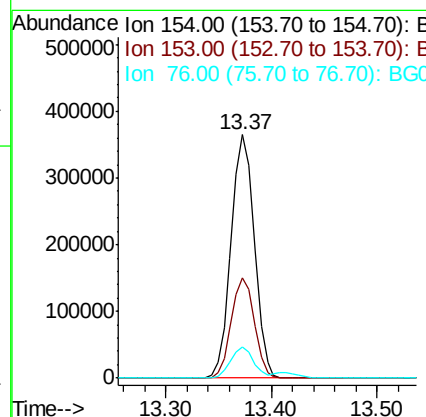
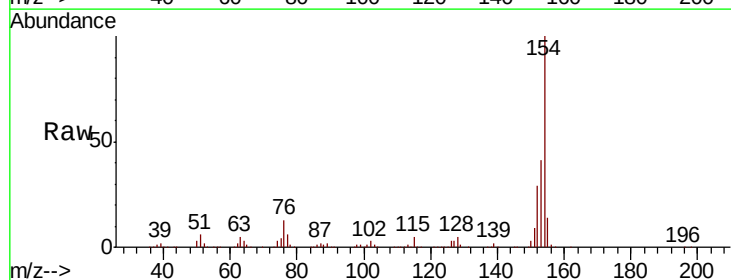
Instrument :
BNA_G
ClientSampleId :

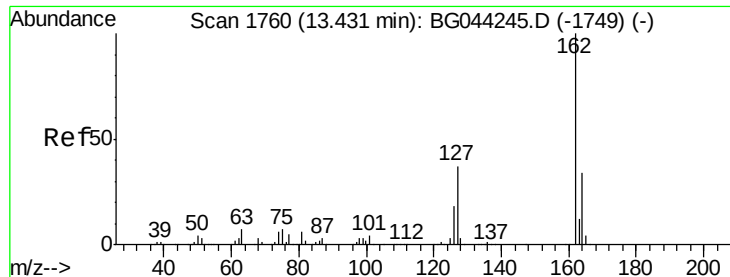
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.9	22.0	33.0



#46
1,1'-Biphenyl
Concen: 36.503 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.7	62.7
76	12.7	0.0	32.9

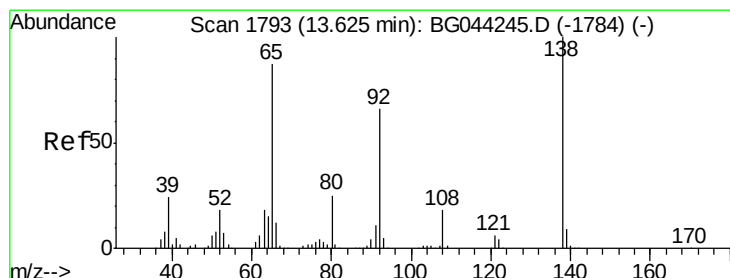
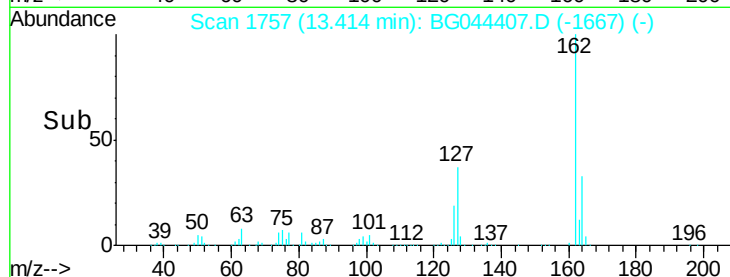
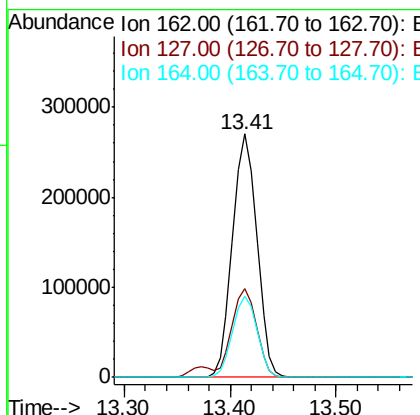
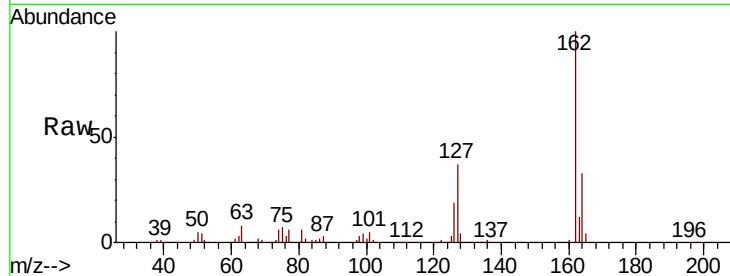




#47
 2-Chloronaphthalene
 Concen: 35.753 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

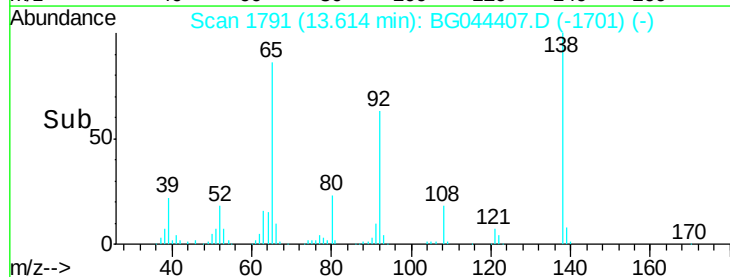
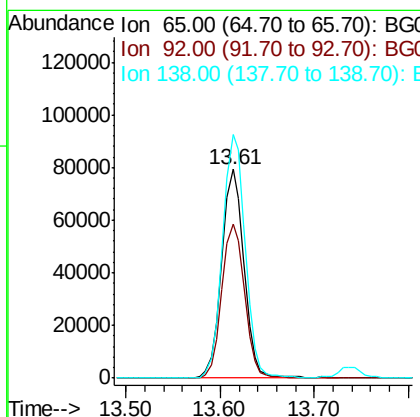
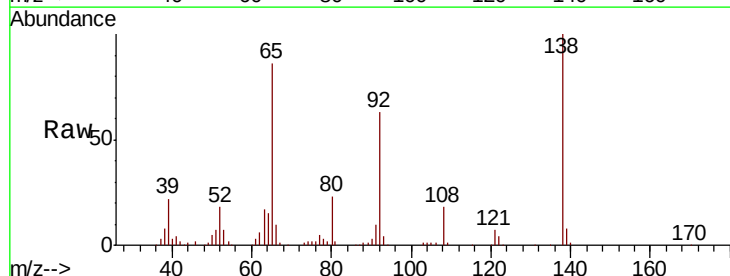
Instrument :
 BNA_G
 ClientSampleId :

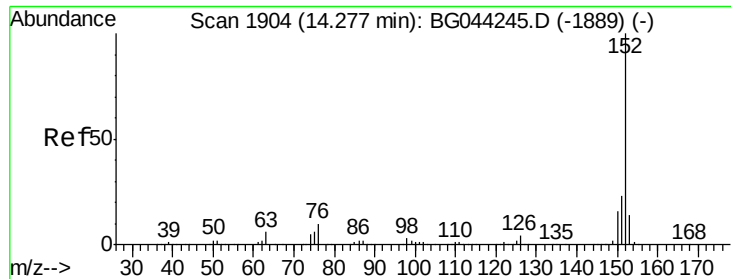
Tot Ion:162 Resp: 432503
 Ion Ratio Lower Upper
 162 100
 127 36.6 30.0 45.0
 164 33.4 27.2 40.8



#48
 2-Nitroaniline
 Concen: 37.114 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion: 65 Resp: 132496
 Ion Ratio Lower Upper
 65 100
 92 73.8 60.3 90.5
 138 116.6 91.9 137.9





#49

Acenaphthylene

Concen: 39.143 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

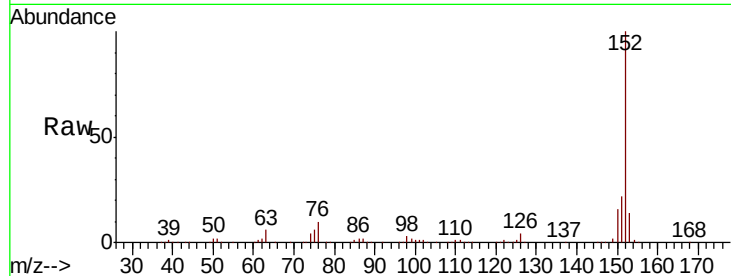
Tot Ion:152 Resp: 694499

Ion Ratio Lower Upper

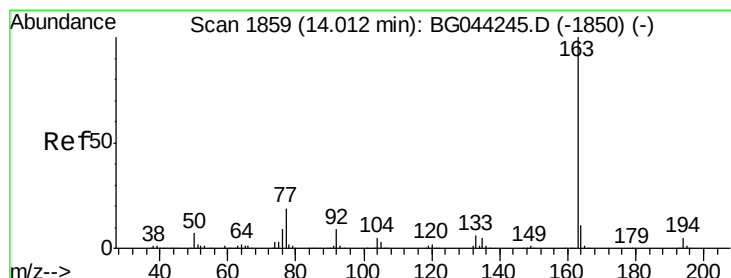
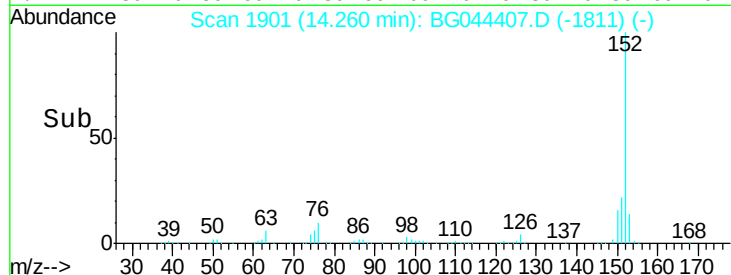
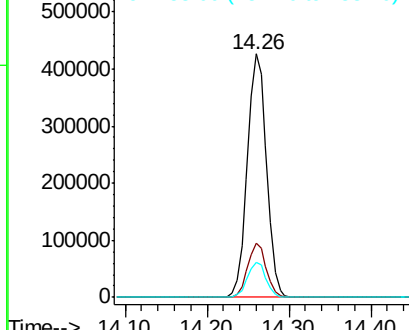
152 100

151 22.3 18.1 27.1

153 14.4 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.392 ng

RT: 14.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

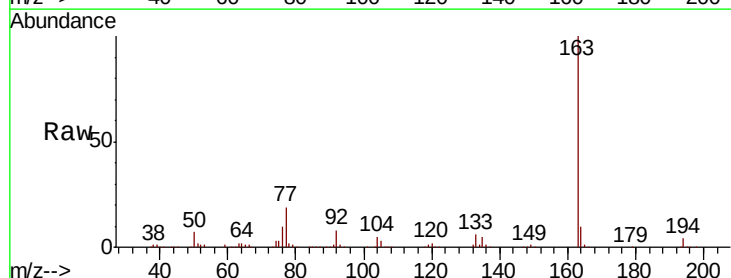
Tgt Ion:163 Resp: 581614

Ion Ratio Lower Upper

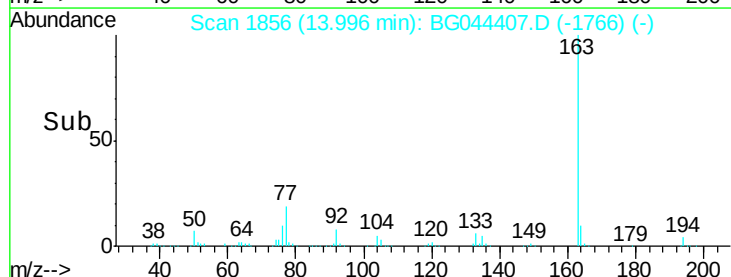
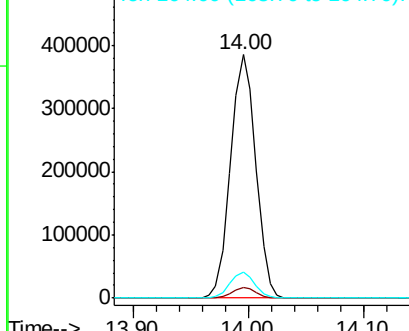
163 100

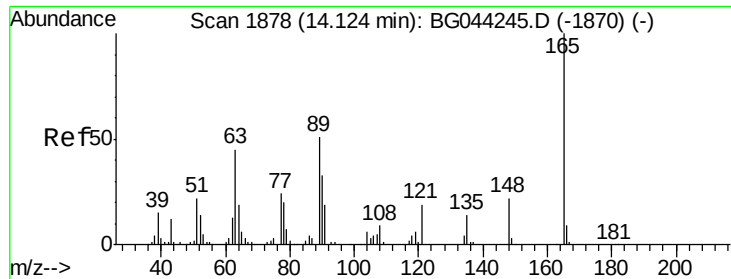
194 4.3 3.6 5.4

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

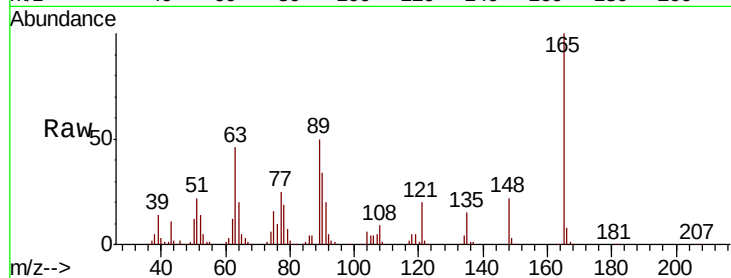




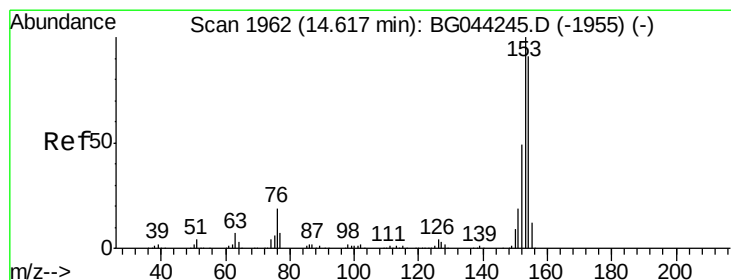
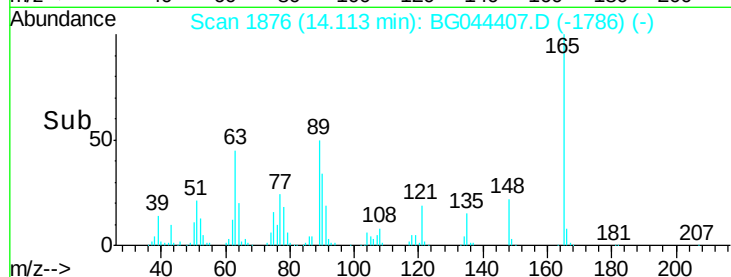
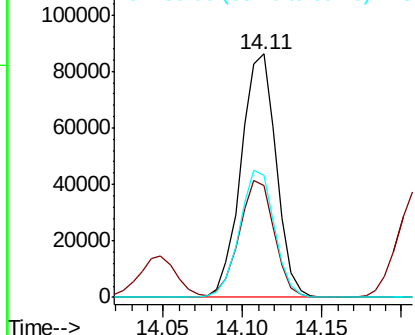
#51
 2,6-Dinitrotoluene
 Concen: 39.207 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 132434
 Ion Ratio Lower Upper
 165 100
 63 45.7 38.7 58.1
 89 50.0 40.4 60.6

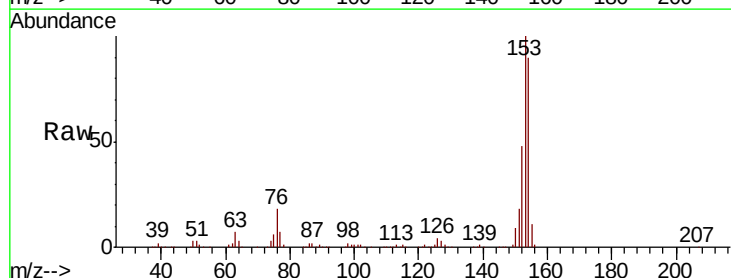


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

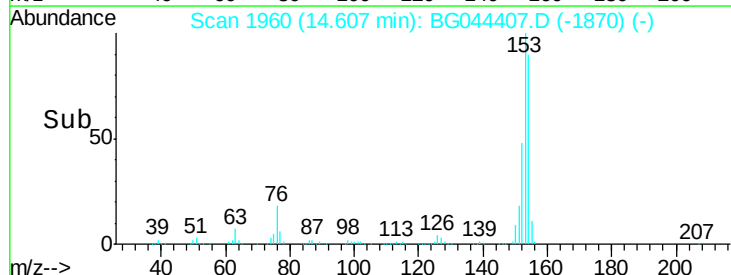
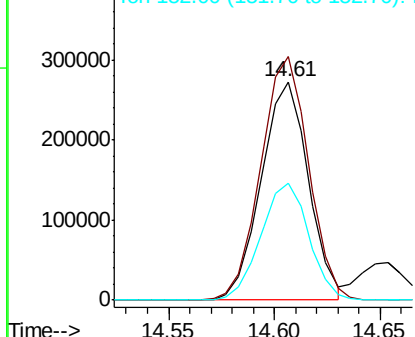


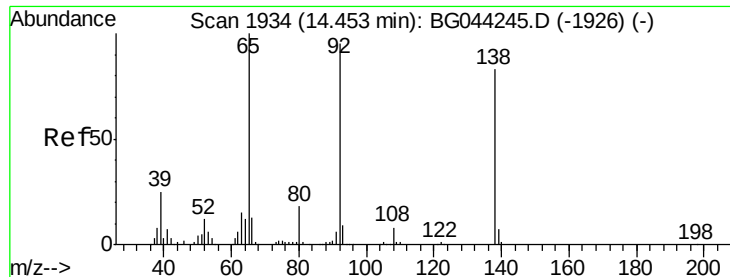
#52
 Acenaphthene
 Concen: 36.923 ng
 RT: 14.61 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion:154 Resp: 424630
 Ion Ratio Lower Upper
 154 100
 153 111.7 87.9 131.9
 152 53.4 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

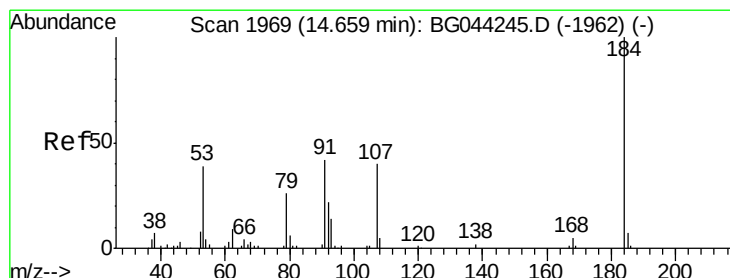
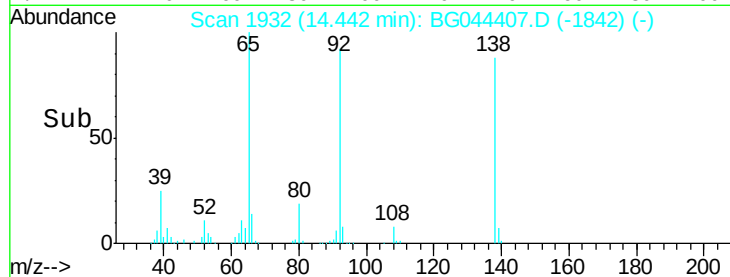
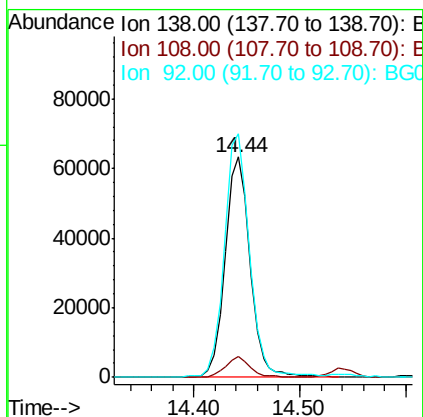
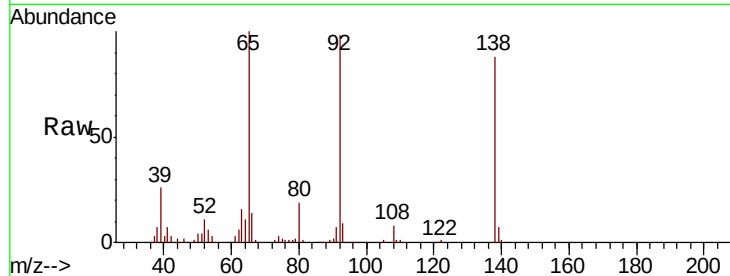




#53
 3-Nitroaniline
 Concen: 27.714 ng
 RT: 14.44 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

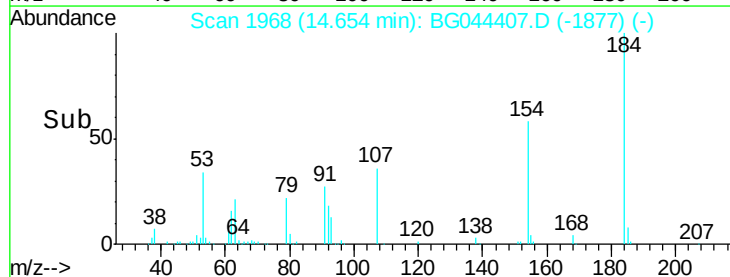
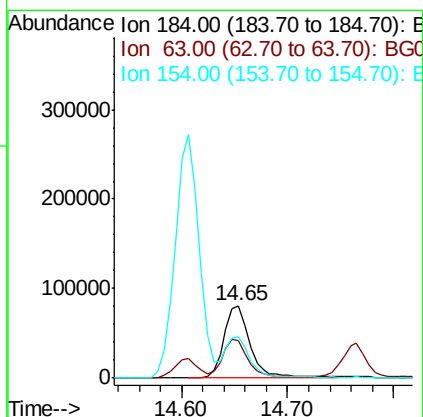
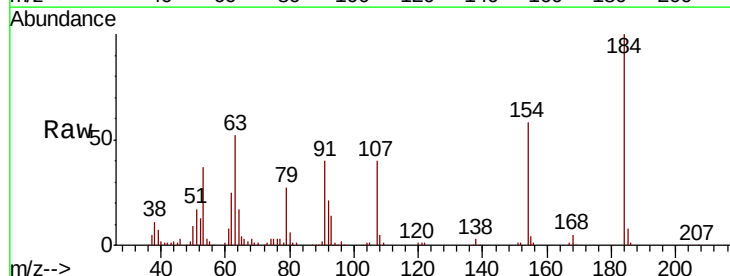
Instrument :
 BNA_G
 ClientSampleId :

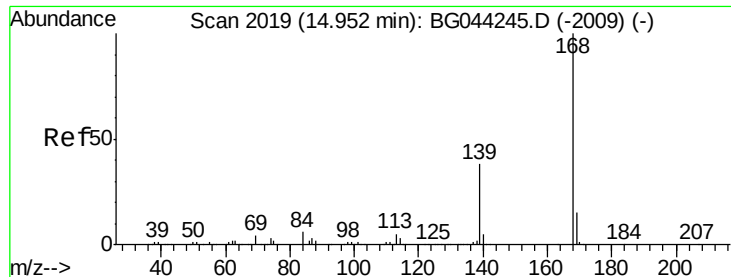
Tot Ion:138 Resp: 103567
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.9 11.9
 92 110.5 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 71.734 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion:184 Resp: 141832
 Ion Ratio Lower Upper
 184 100
 63 51.6 44.1 66.1
 154 57.9 45.4 68.0

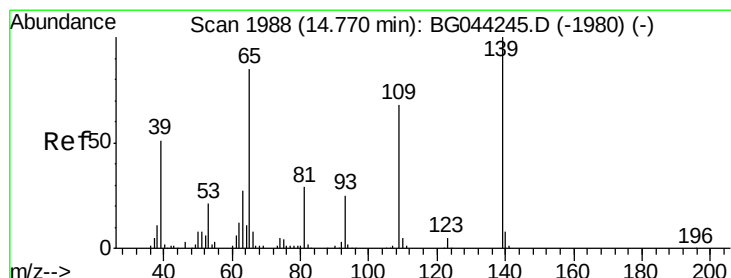
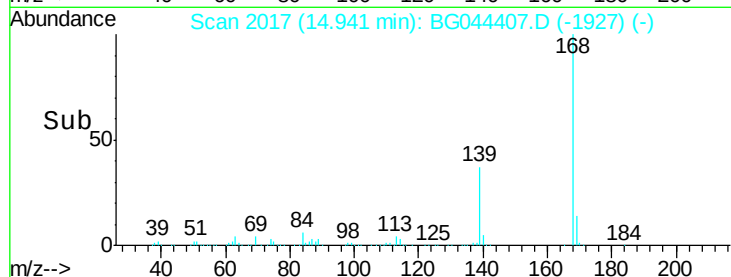
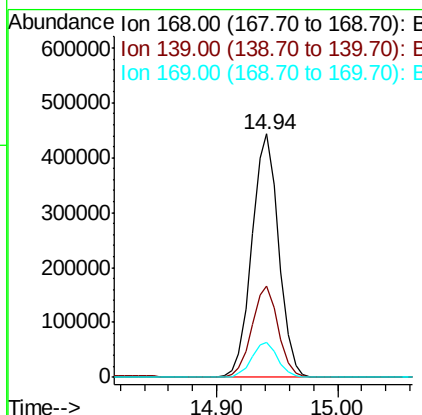
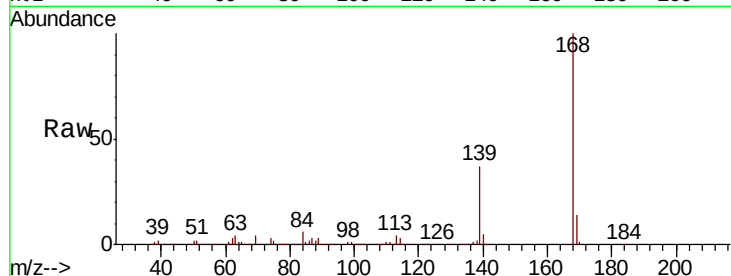




#55
Dibenzofuran
Concen: 39.208 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

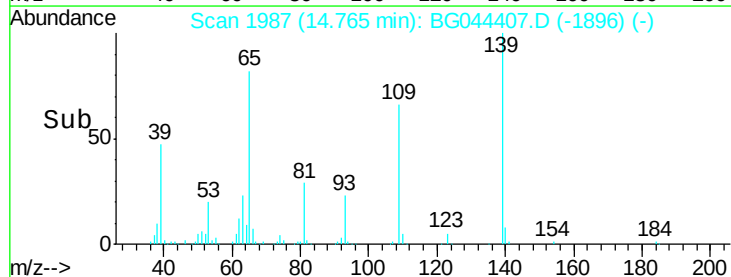
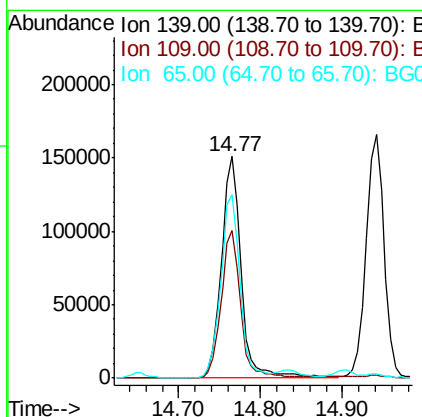
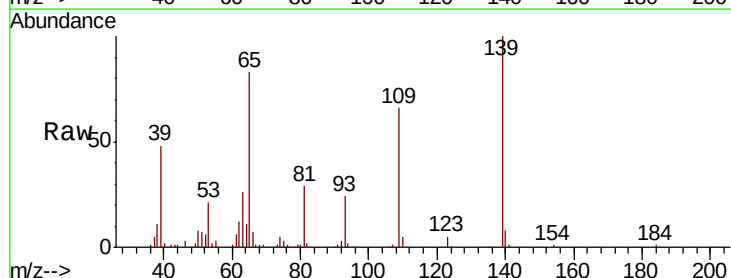
Instrument :
BNA_G
ClientSampleId :

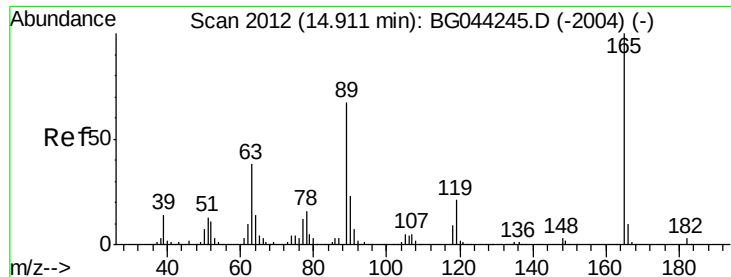
Tot Ion:168 Resp: 682694
Ion Ratio Lower Upper
168 100
139 37.4 30.5 45.7
169 14.2 11.7 17.5



#56
4-Nitrophenol
Concen: 92.896 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:139 Resp: 254294
Ion Ratio Lower Upper
139 100
109 66.4 47.5 87.5
65 82.5 64.9 104.9

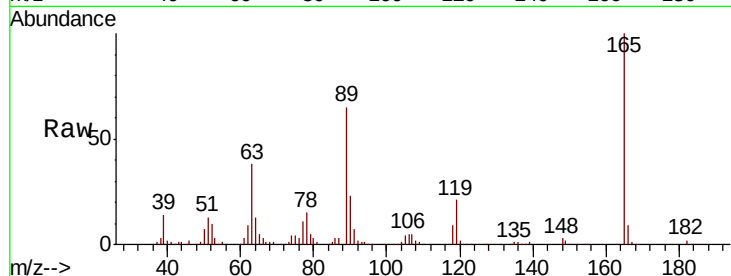




#57
2,4-Dinitrotoluene
Concen: 40.507 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.8	30.3	45.5
89	64.9	53.4	80.2
182	2.5	2.1	3.1



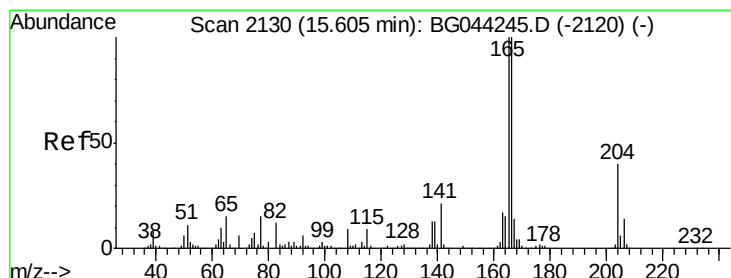
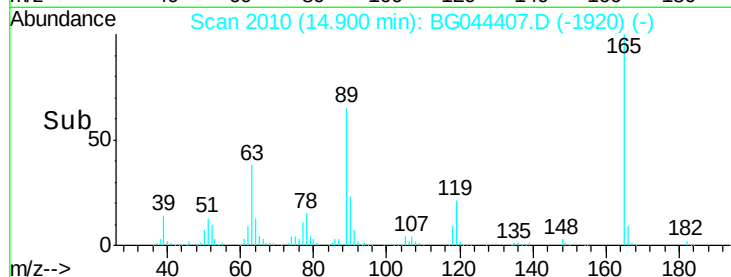
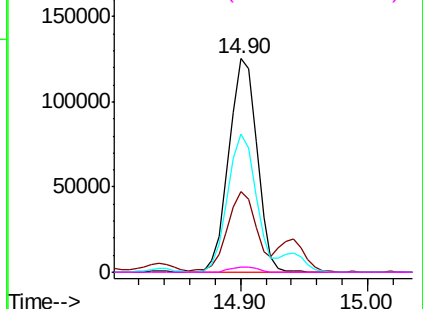
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

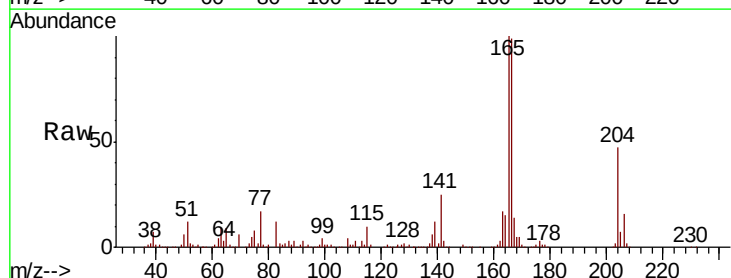
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.066 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.9	119.9
167	14.0	11.4	17.0

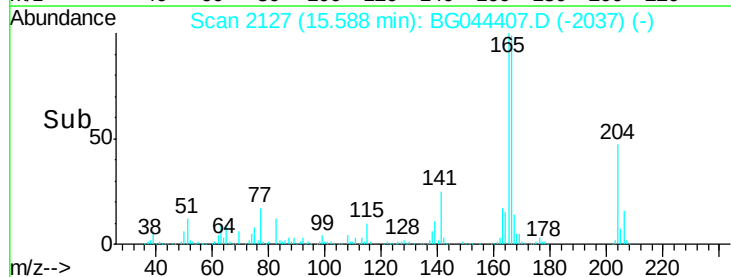
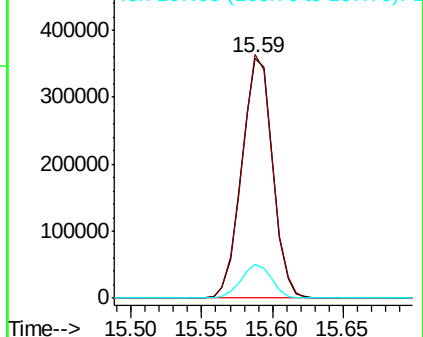


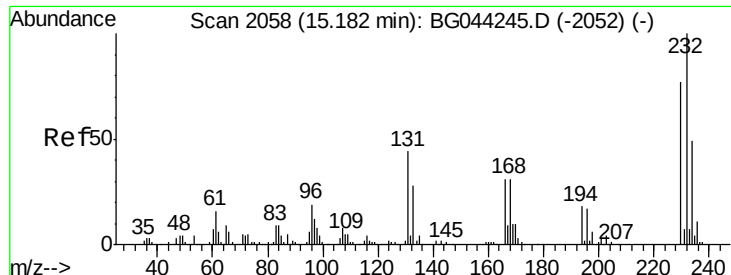
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.464 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 163401

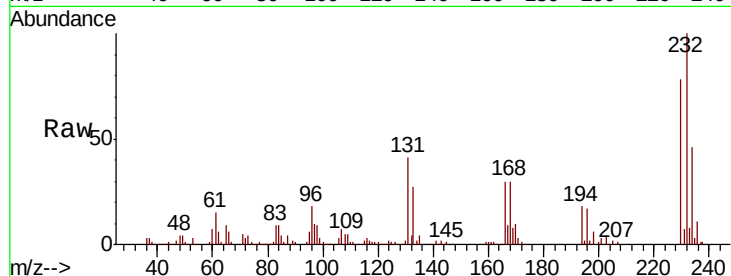
Ion Ratio Lower Upper

232 100

131 41.5 34.2 51.4

130 2.2 1.8 2.8

166 29.6 23.8 35.8

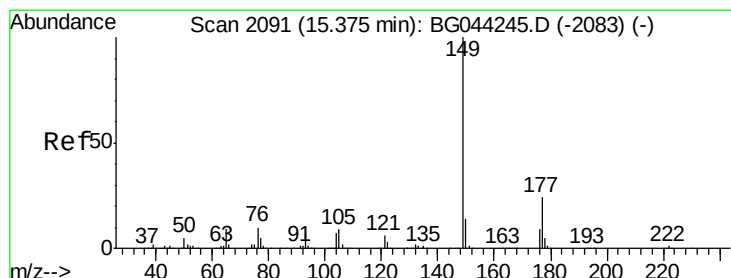
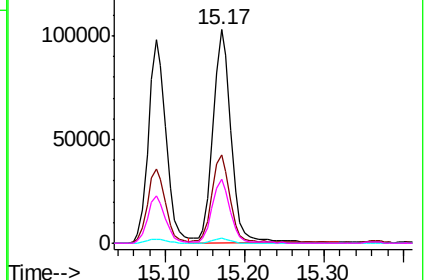
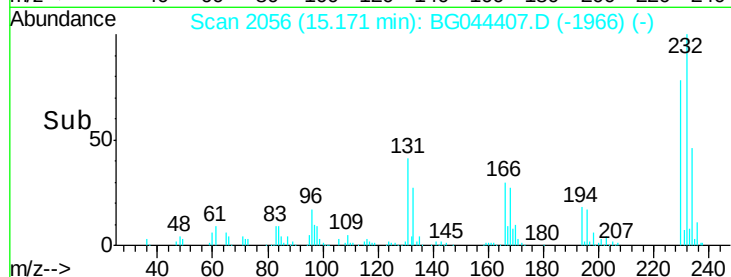


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.632 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

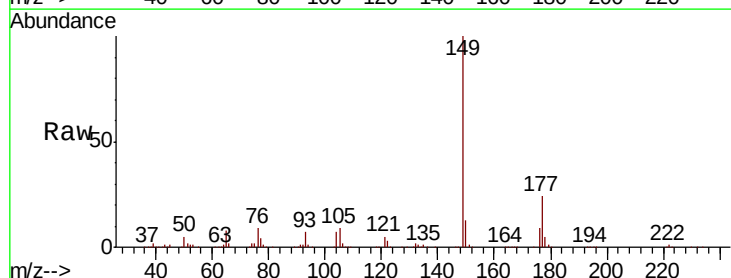
Tgt Ion:149 Resp: 598261

Ion Ratio Lower Upper

149 100

177 24.4 19.4 29.0

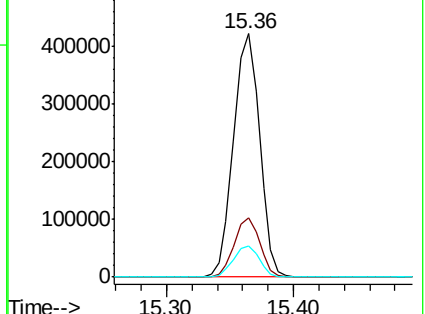
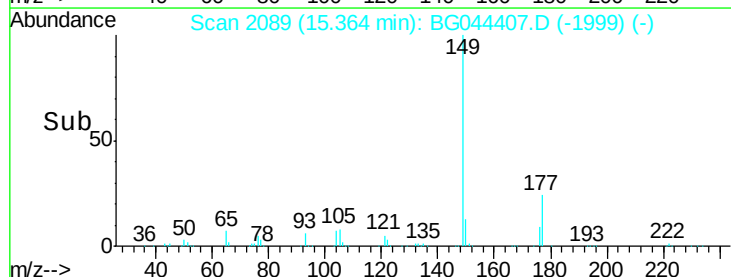
150 12.9 10.9 16.3

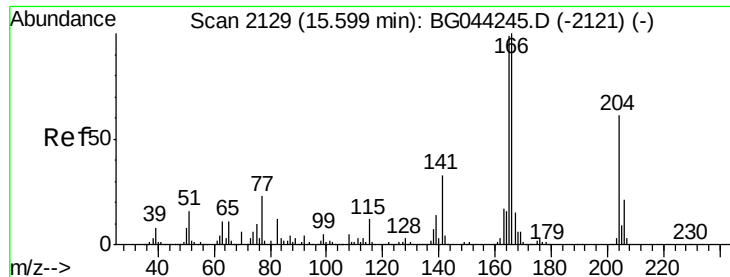


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

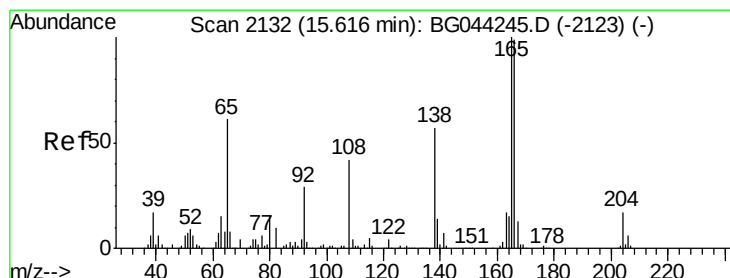
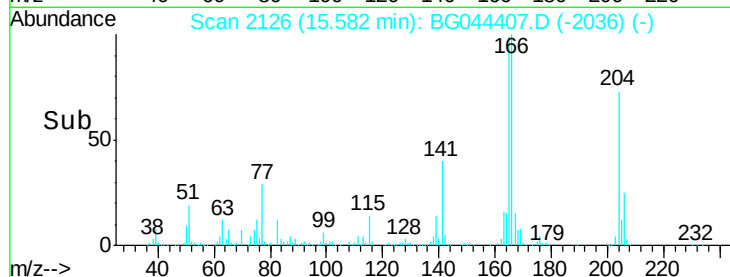
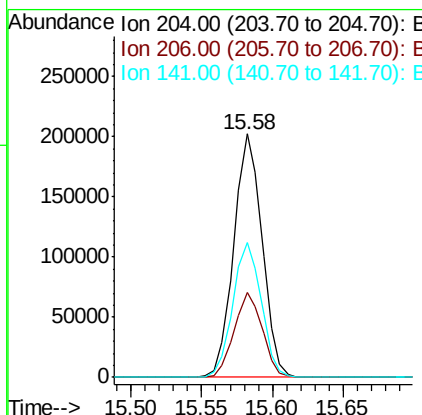
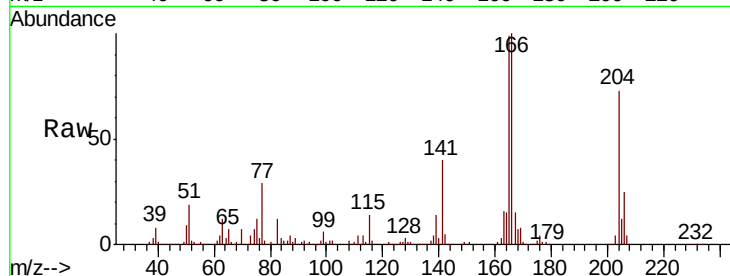




#61
 4-Chlorophenyl-phenylether
 Concen: 37.951 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

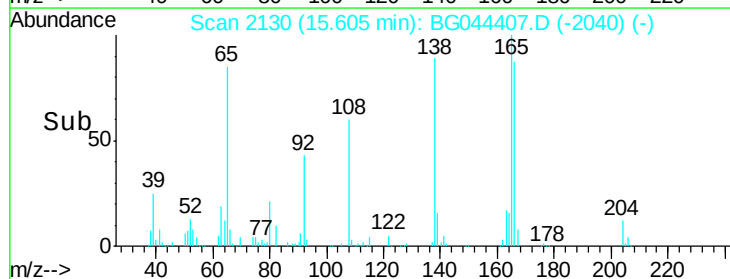
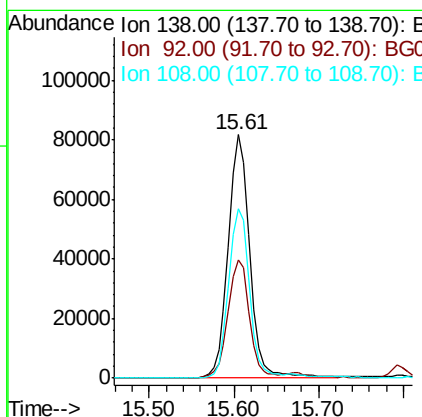
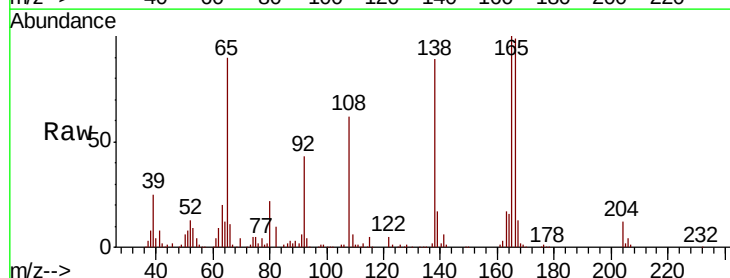
Instrument :
 BNA_G
 ClientSampled :

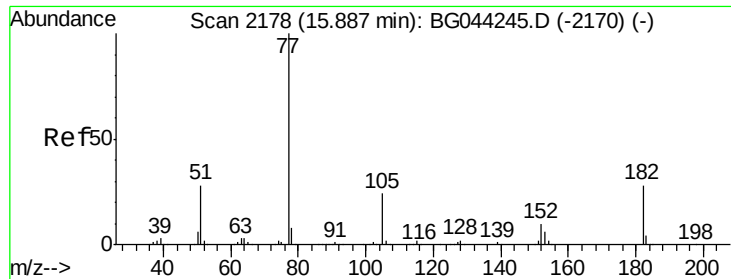
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.6	41.4
141	55.4	43.4	65.0



#62
 4-Nitroaniline
 Concen: 38.500 ng
 RT: 15.61 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.3	71.3
108	69.8	52.6	92.6





#63

Azobenzene

Concen: 40.185 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 531641

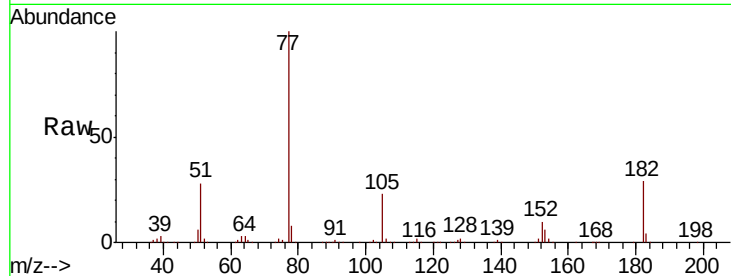
Ion Ratio Lower Upper

77 100

182 28.6 8.2 48.2

105 23.2 3.6 43.6

51 28.1 8.3 48.3

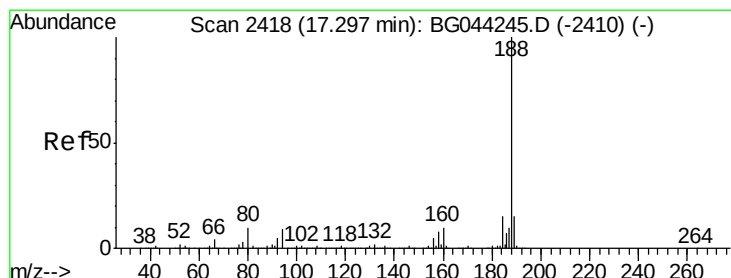
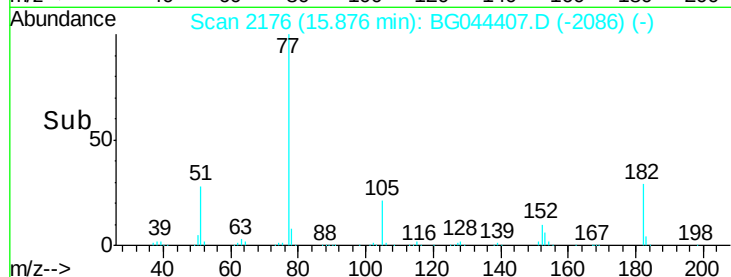
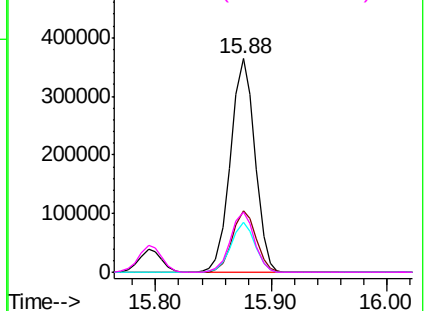


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

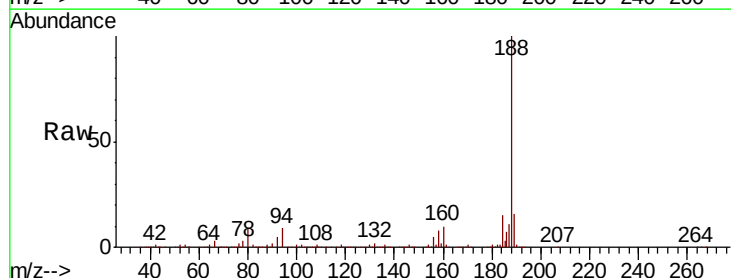
Tgt Ion: 188 Resp: 508739

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

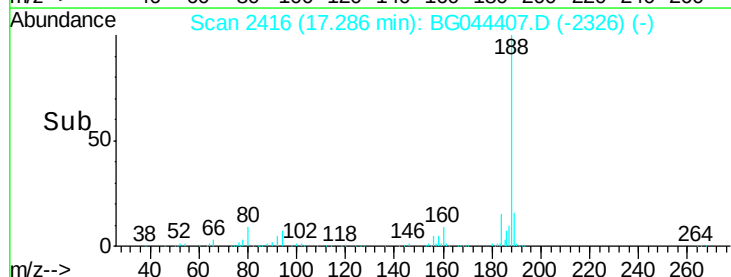
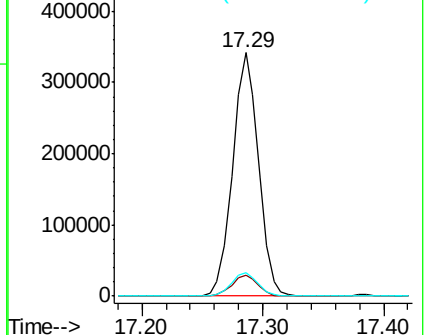
80 9.4 7.7 11.5

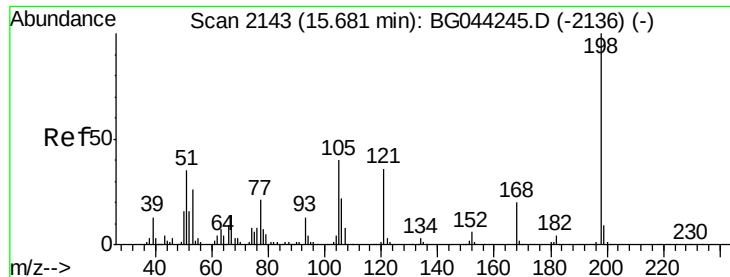


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.918 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

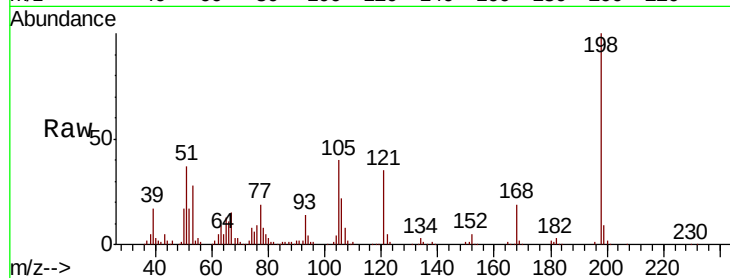
Tot Ion:198 Resp: 114907

Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.6	56.6
105	40.2	20.6	60.6

198 100

51 36.8 16.6 56.6

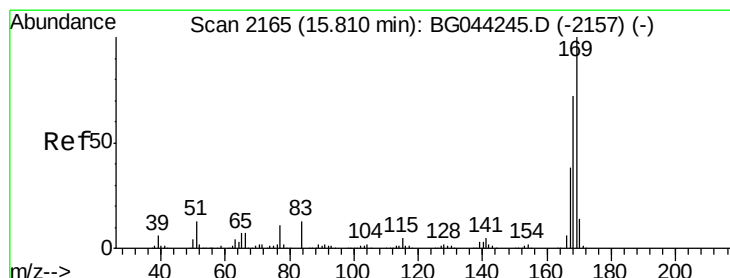
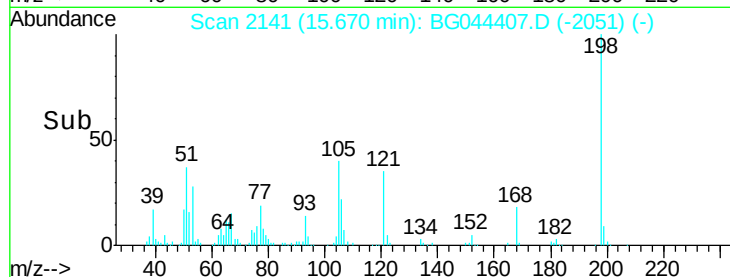
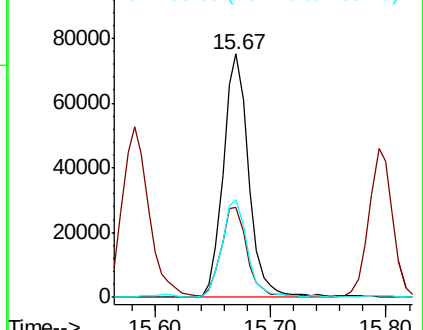
105 40.2 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044407.D (-2051) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.377 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

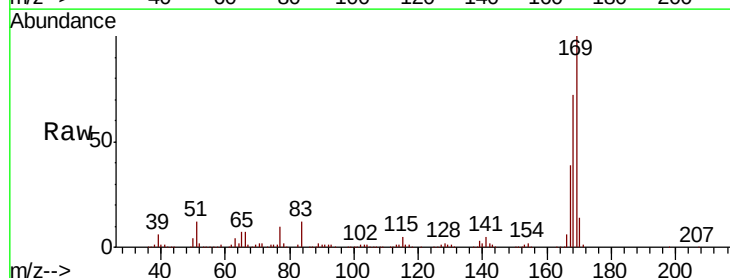
Tgt Ion:169 Resp: 518626

Ion	Ratio	Lower	Upper
169	100		
168	72.4	57.9	86.9
167	38.7	30.7	46.1

169 100

168 72.4 57.9 86.9

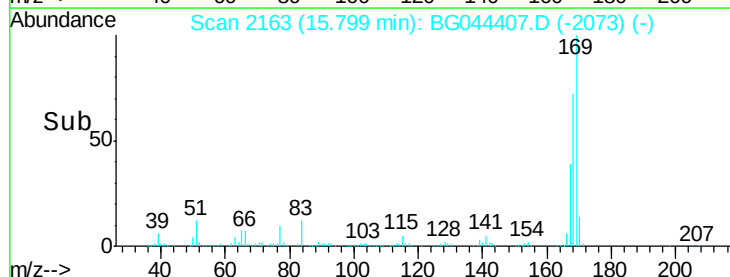
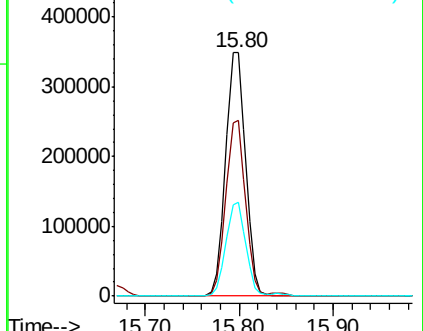
167 38.7 30.7 46.1

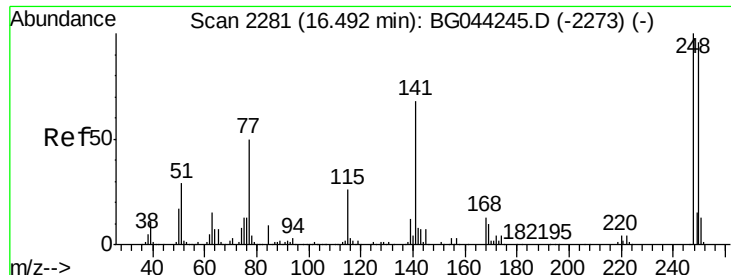


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

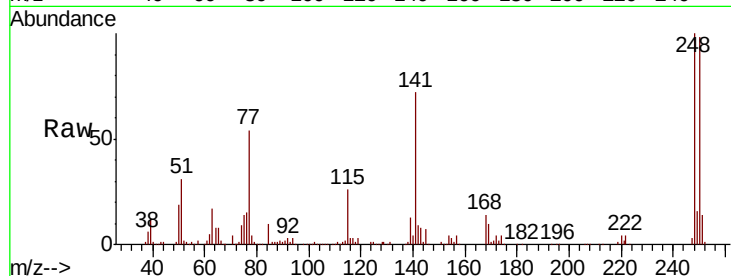




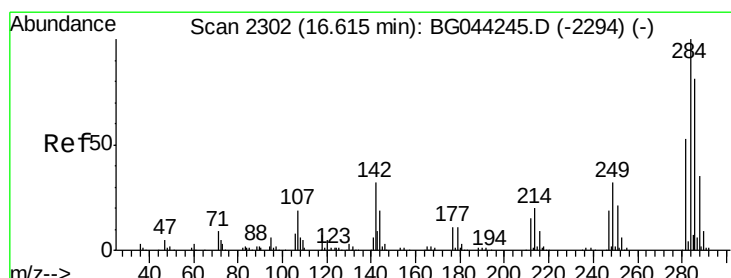
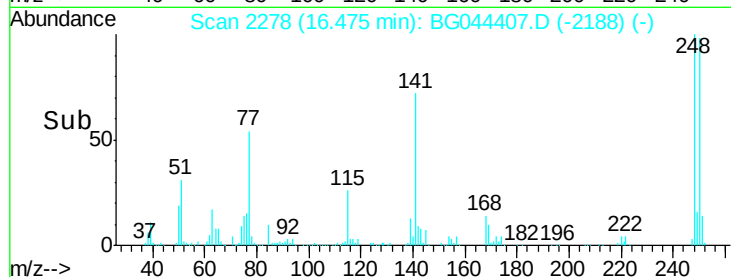
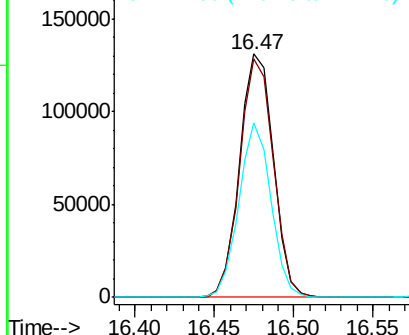
#67
4-Bromophenyl-phenylether
Concen: 35.031 ng
RT: 16.47 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 194164
Ion Ratio Lower Upper
248 100
250 97.9 76.6 114.8
141 71.8 54.7 82.1

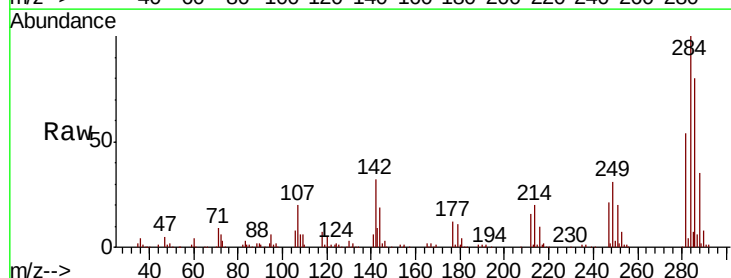


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

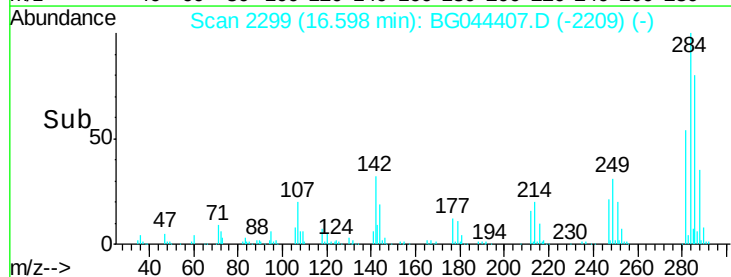
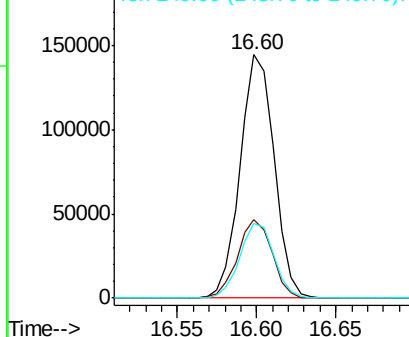


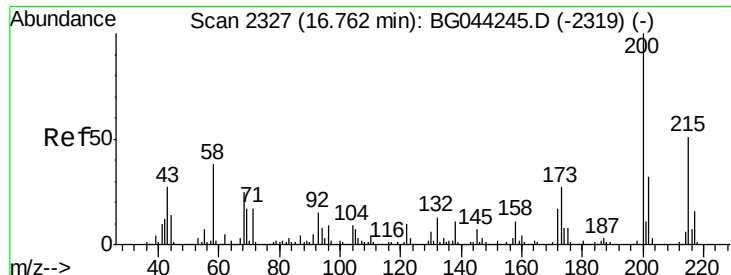
#68
Hexachlorobenzene
Concen: 34.725 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:284 Resp: 215632
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 30.8 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

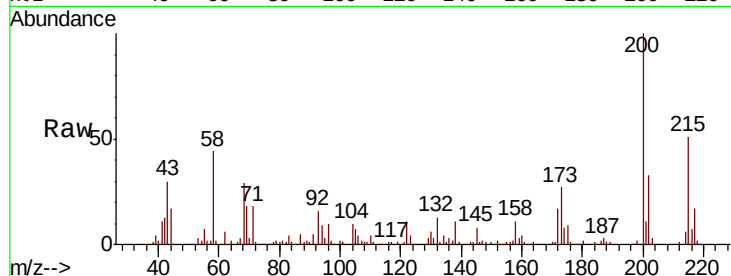




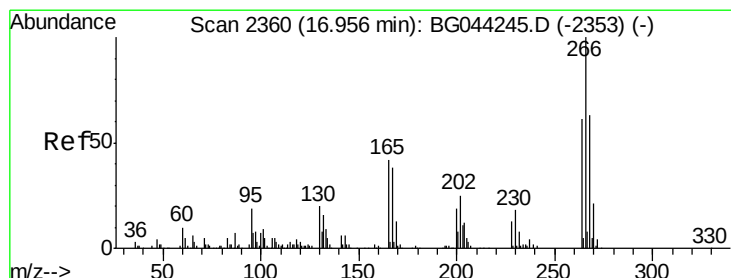
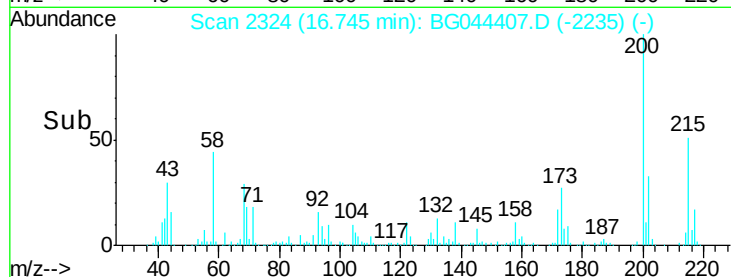
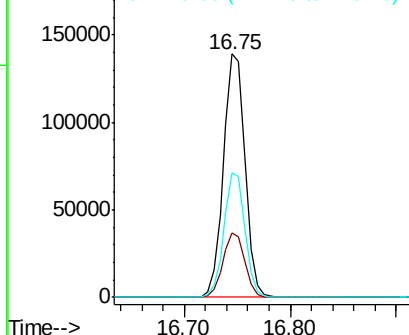
#69
 Atrazine
 Concen: 40.387 ng
 RT: 16.75 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	51.2	31.0	71.0

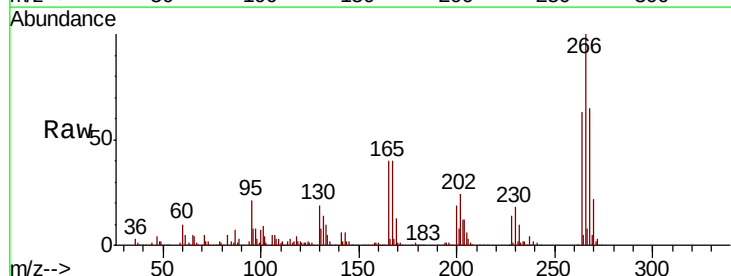


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

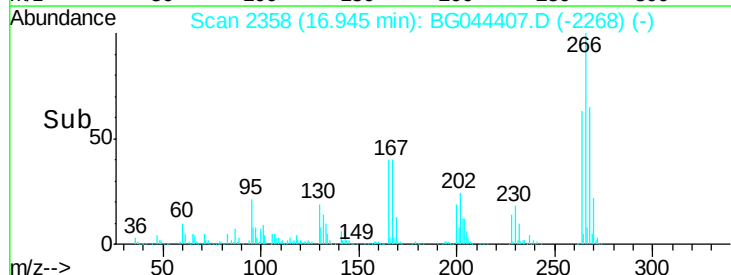
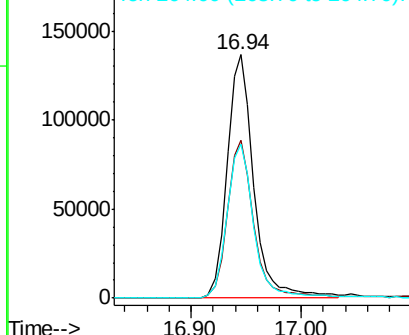


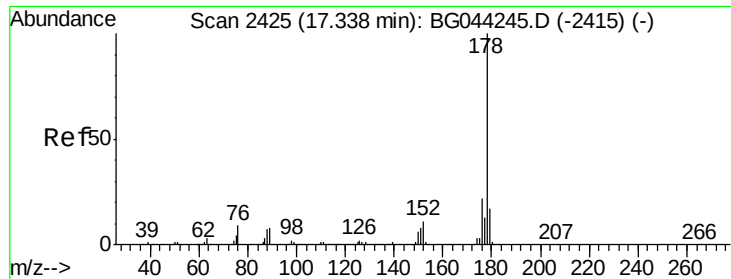
#70
 Pentachlorophenol
 Concen: 73.706 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.6	75.8
264	63.0	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

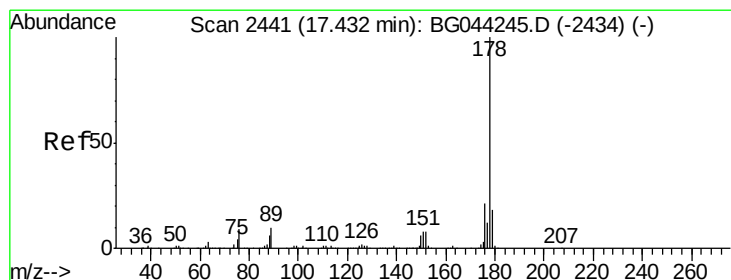
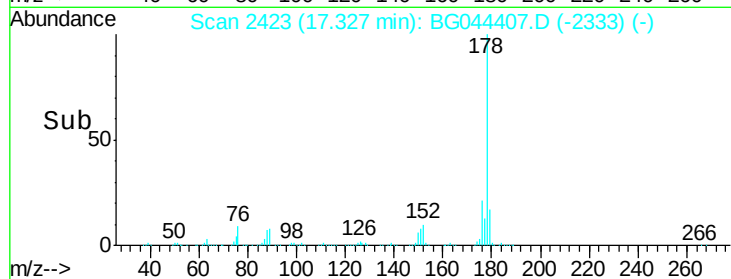
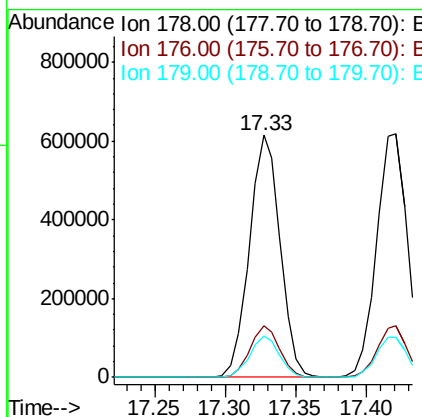
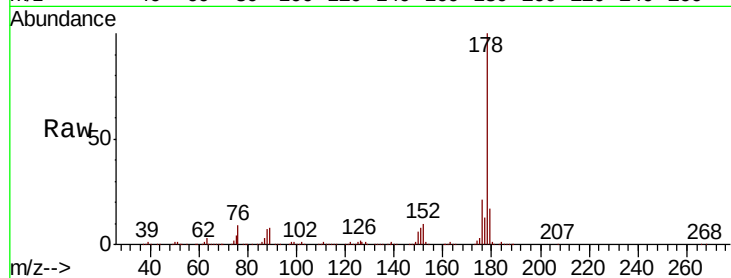




#71
Phenanthrene
Concen: 38.136 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

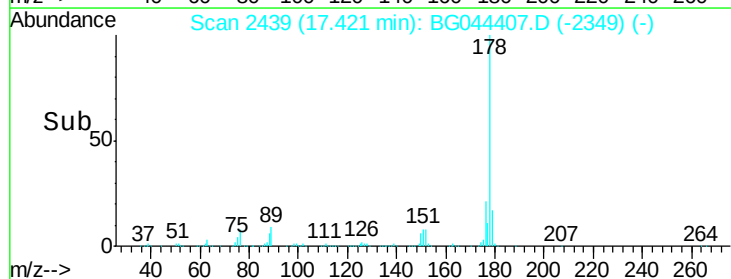
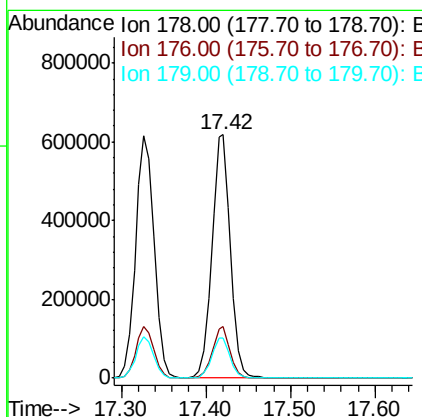
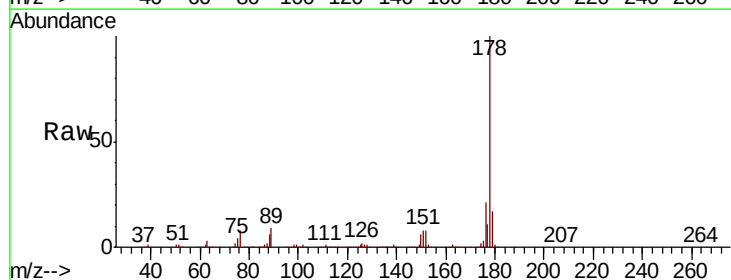
Instrument :
BNA_G
ClientSampleId :

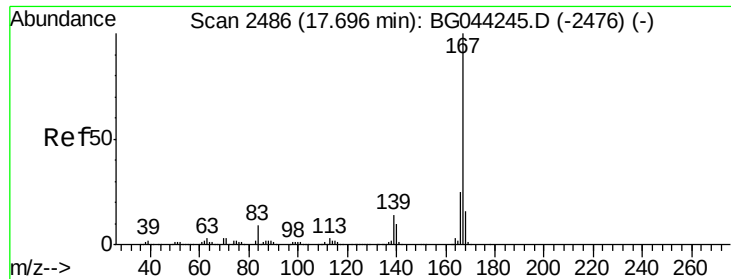
Tot Ion:178 Resp: 939470
Ion Ratio Lower Upper
178 100
176 21.3 17.7 26.5
179 17.3 13.7 20.5



#72
Anthracene
Concen: 38.938 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:178 Resp: 948363
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 16.5 14.4 21.6

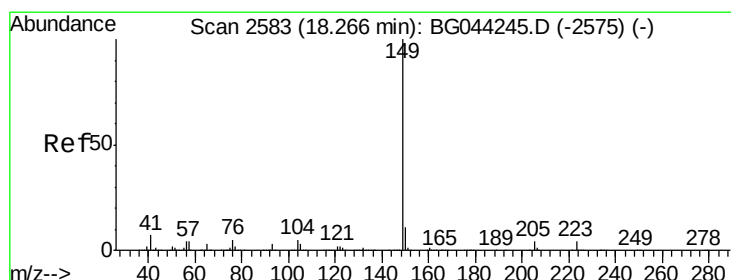
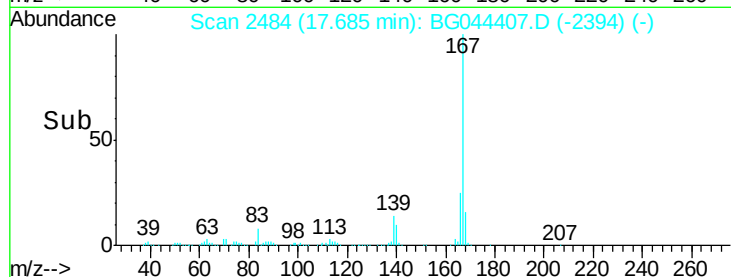
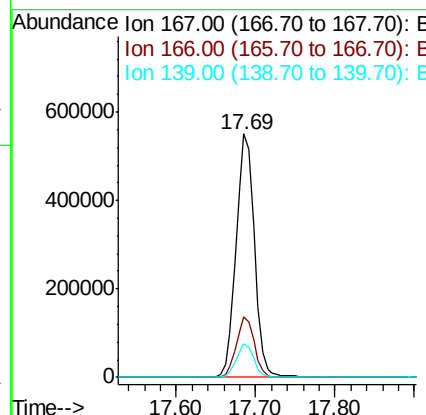
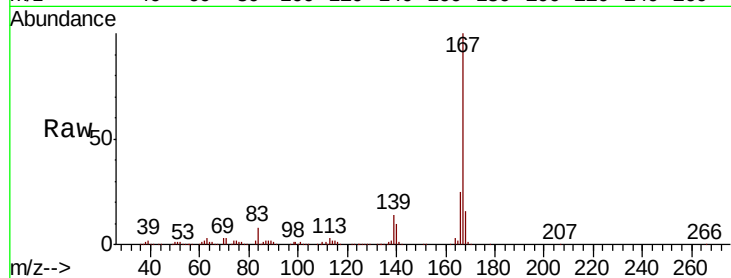




#73
 Carbazole
 Concen: 39.365 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

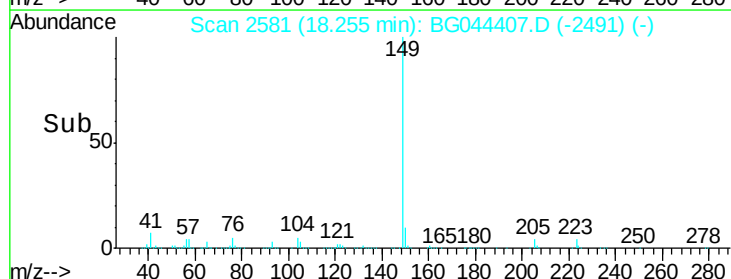
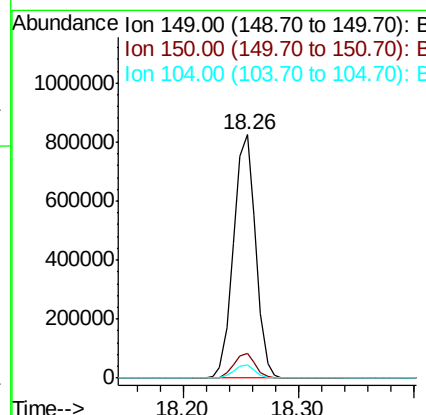
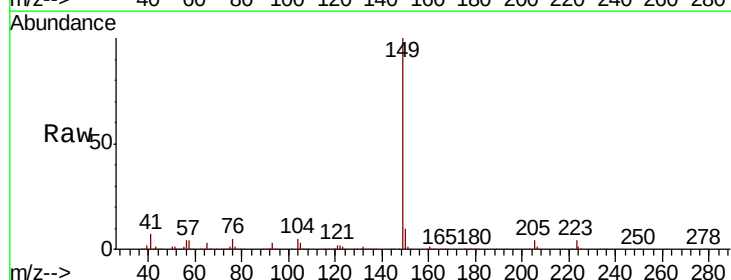
Instrument :
 BNA_G
 ClientSampleId :

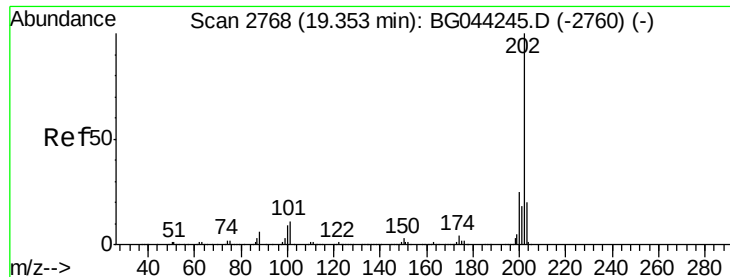
Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.6	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 39.182 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 39.866 ng

RT: 19.34 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampled :

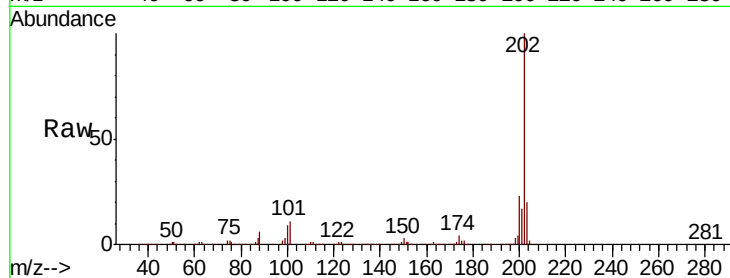
Tot Ion:202 Resp: 1136097

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	20.2	0.0	39.9

202 100

101 11.4 0.0 31.3

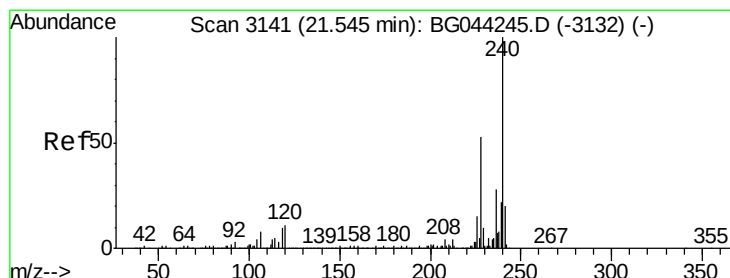
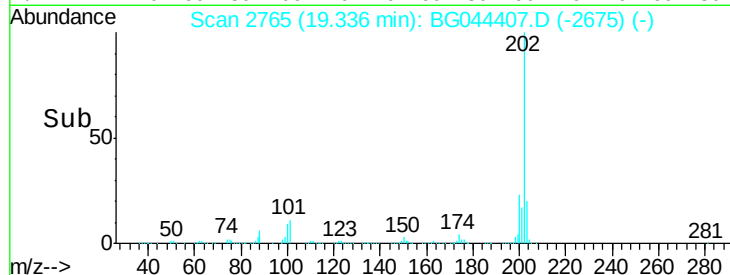
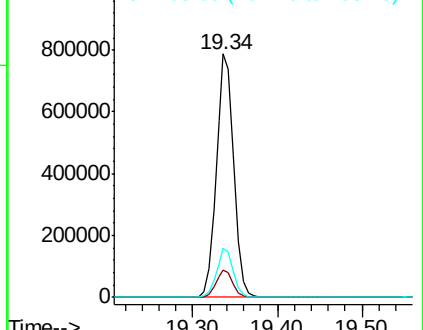
203 20.2 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

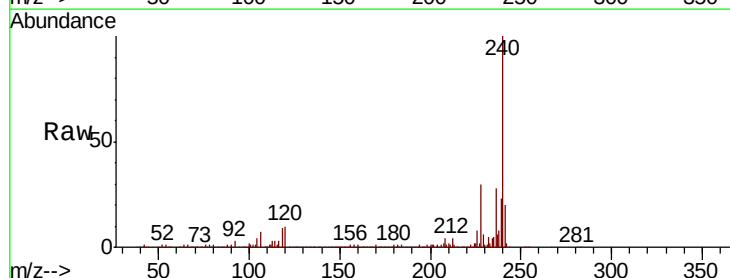
Tgt Ion:240 Resp: 460700

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	27.8	22.1	33.1

240 100

120 9.8 8.4 12.6

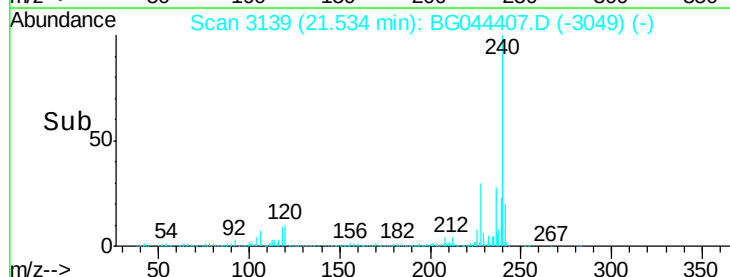
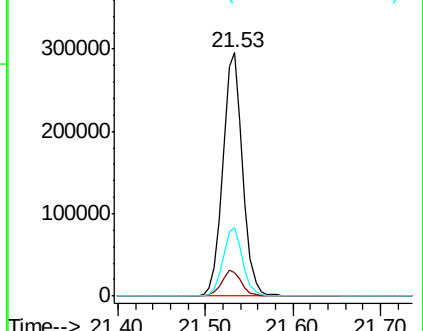
236 27.8 22.1 33.1

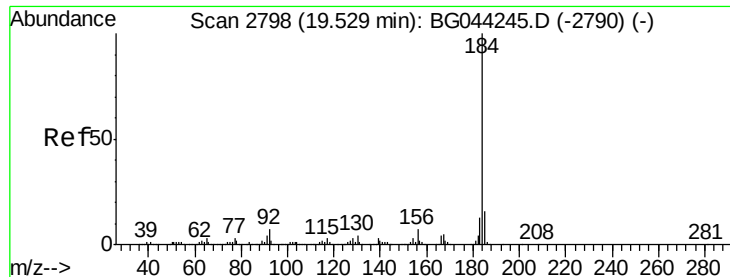


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.308 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

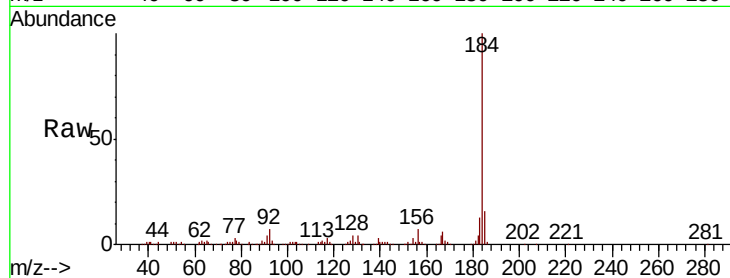
Tot Ion:184 Resp: 272294

Ion Ratio Lower Upper

184 100

185 15.7 12.9 19.3

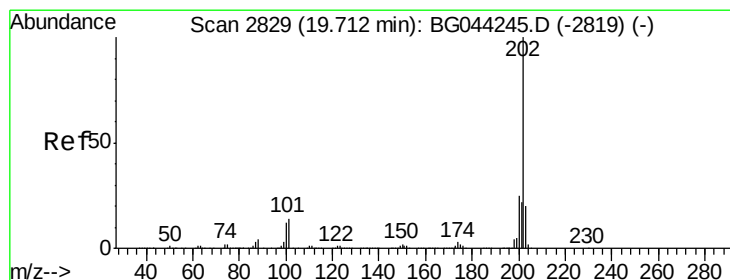
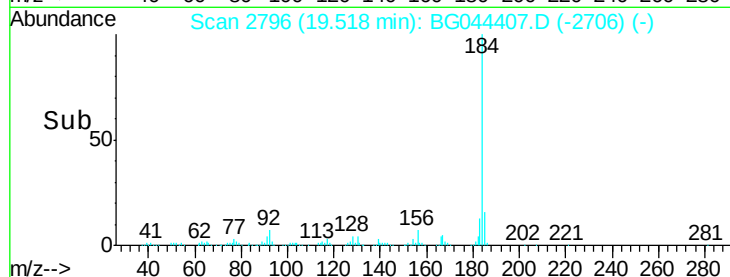
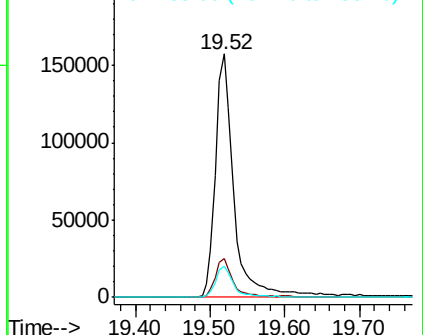
183 12.6 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.772 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

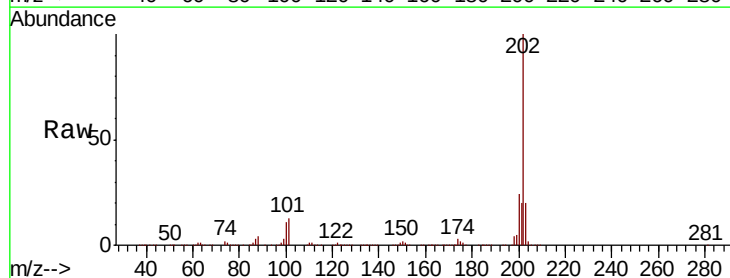
Tgt Ion:202 Resp: 1147106

Ion Ratio Lower Upper

202 100

200 23.9 20.0 30.0

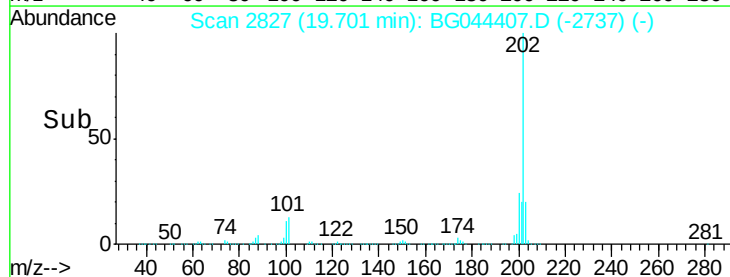
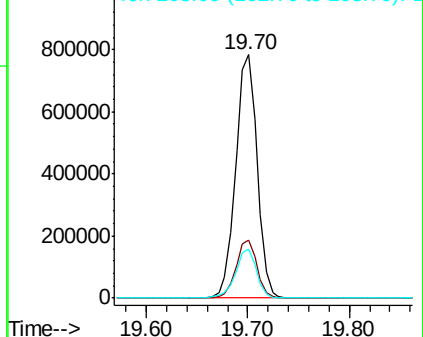
203 20.2 16.2 24.2

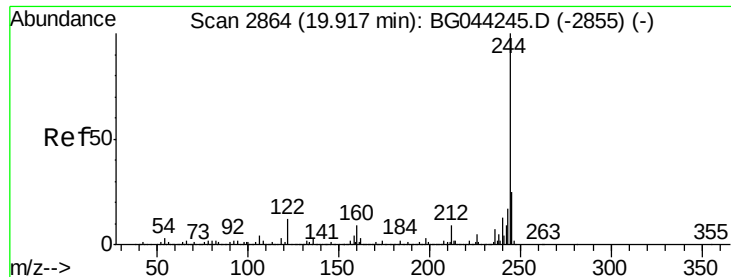


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.198 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampled :

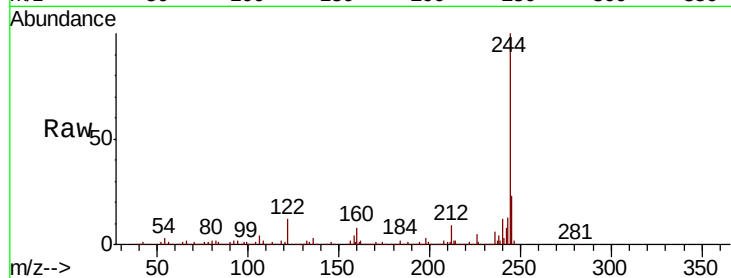
Tot Ion:244 Resp: 1437914

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

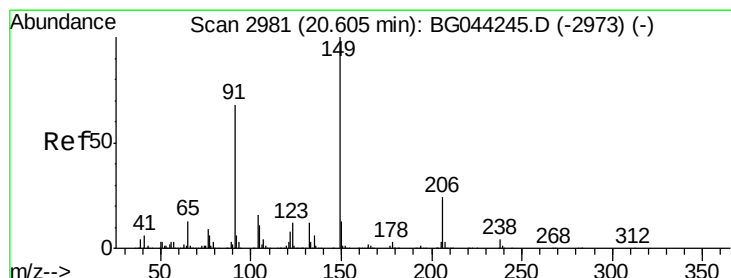
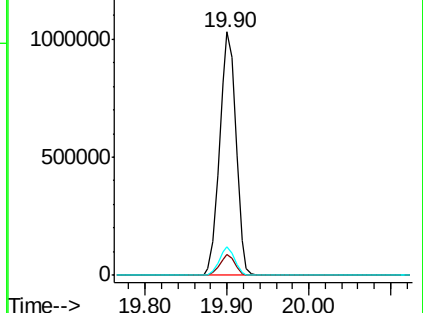
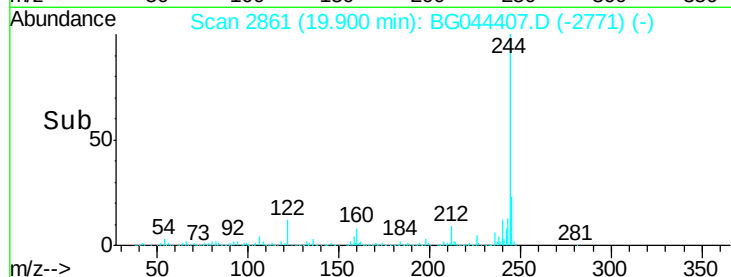
122 11.7 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.402 ng

RT: 20.59 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

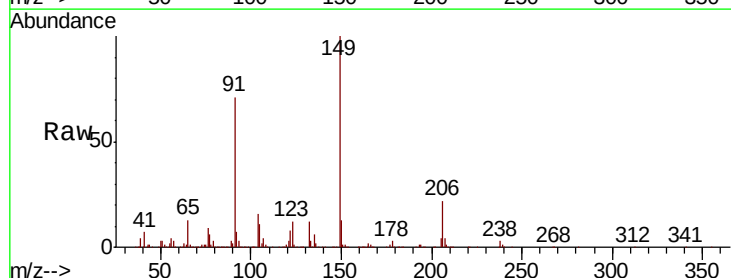
Tgt Ion:149 Resp: 490794

Ion Ratio Lower Upper

149 100

91 70.6 54.5 81.7

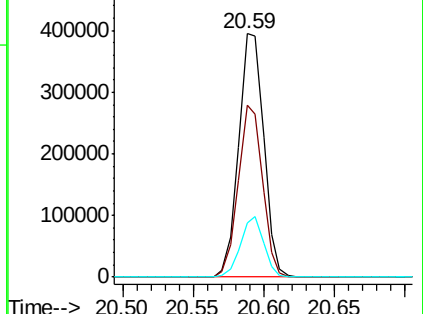
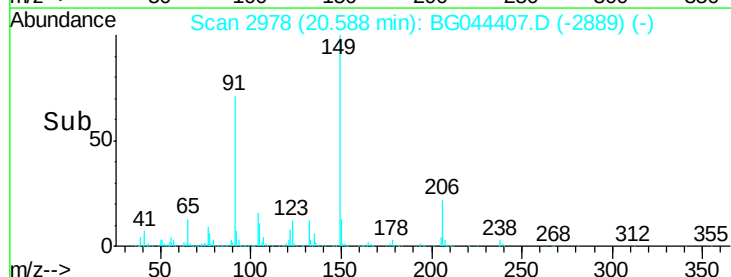
206 22.4 19.1 28.7

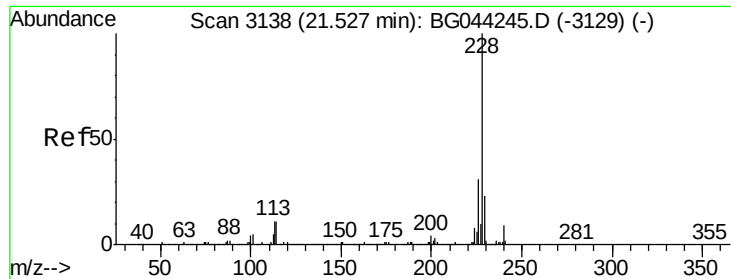


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

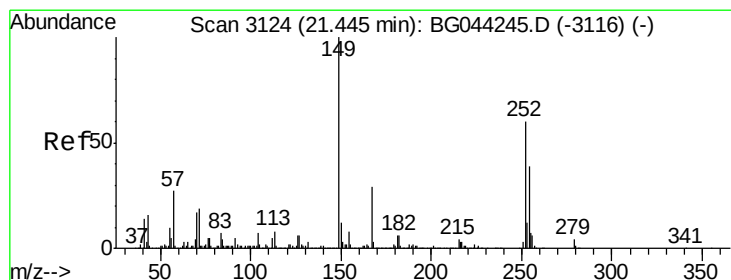
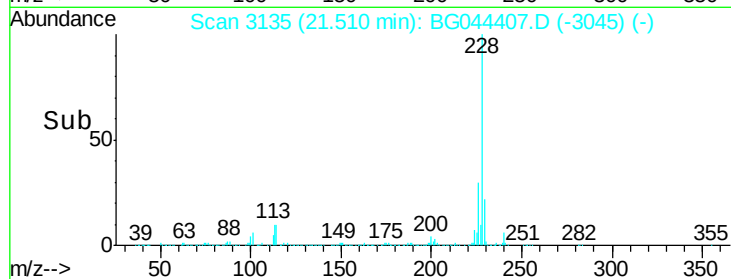
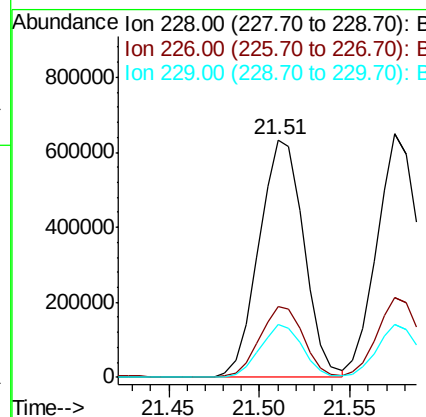
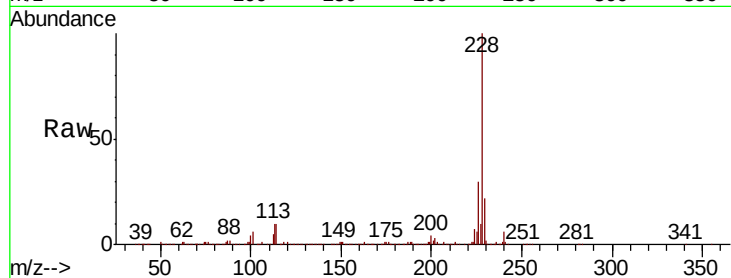




#81
Benzo(a)anthracene
Concen: 38.243 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

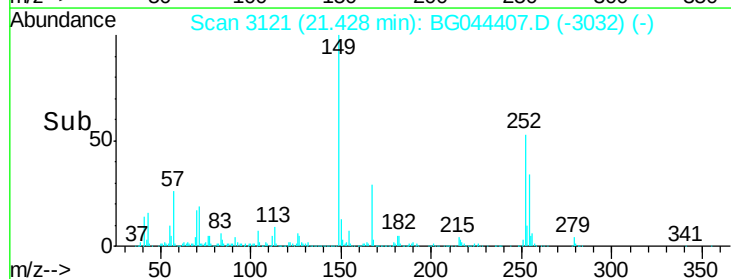
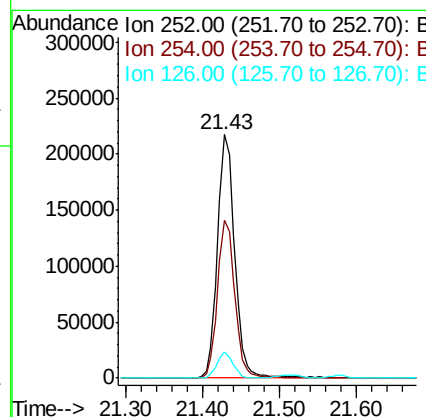
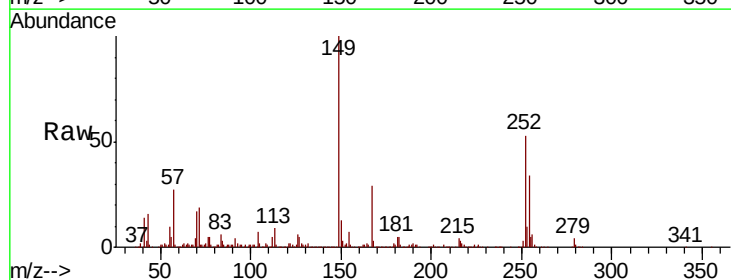
Instrument :
BNA_G
ClientSampled :

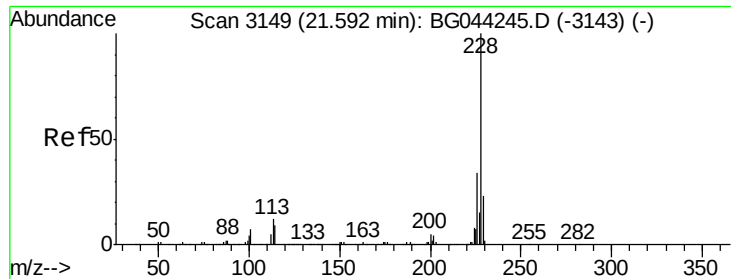
Tot Ion:228 Resp: 1085846
Ion Ratio Lower Upper
228 100
226 29.6 24.7 37.1
229 22.4 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 30.474 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:252 Resp: 335817
Ion Ratio Lower Upper
252 100
254 64.8 52.6 78.8
126 10.9 8.2 12.4





#83

Chrysene

Concen: 37.875 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

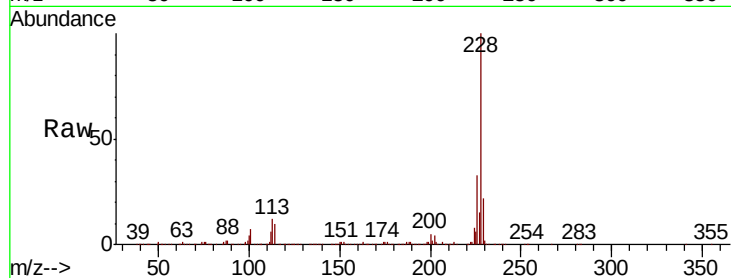
Tot Ion:228 Resp: 1039485

Ion Ratio Lower Upper

228 100

226 33.0 27.1 40.7

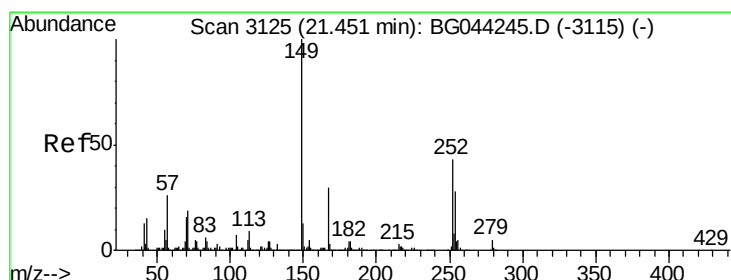
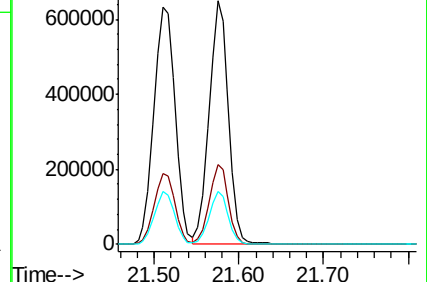
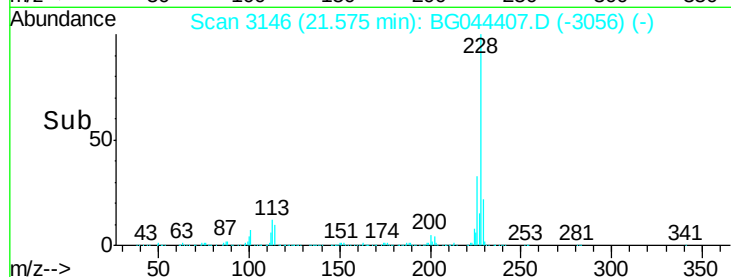
229 21.8 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.463 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

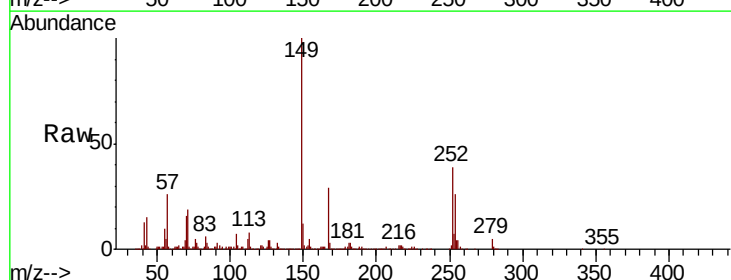
Tgt Ion:149 Resp: 695243

Ion Ratio Lower Upper

149 100

167 29.4 24.0 36.0

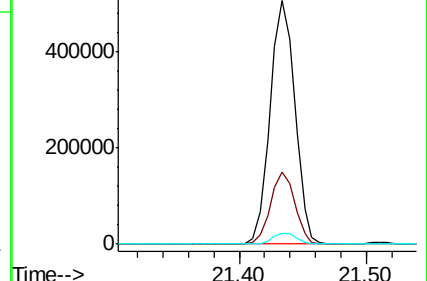
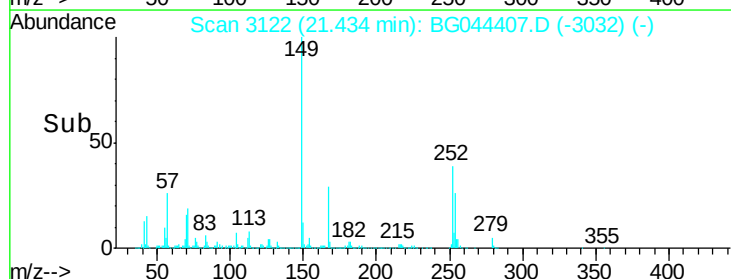
279 4.6 3.8 5.8

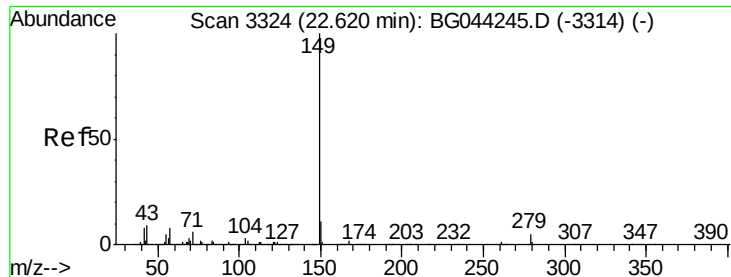


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.791 ng

RT: 22.60 min Scan# 3320

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

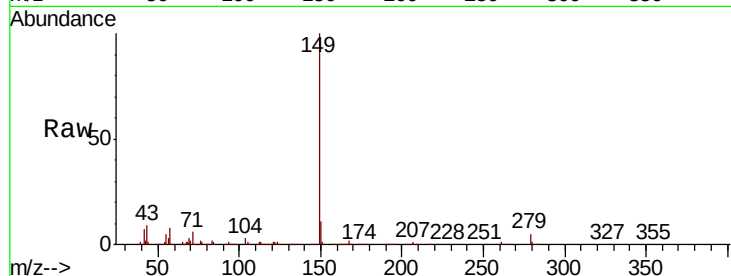
Tot Ion:149 Resp: 1213444

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

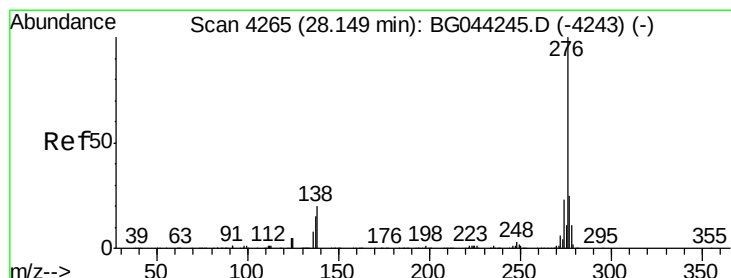
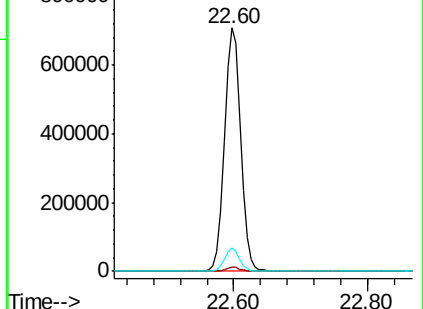
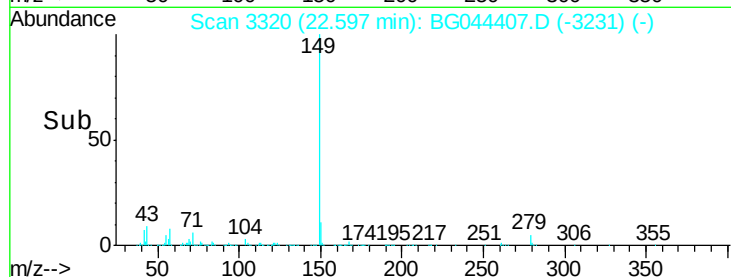
43 8.8 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.694 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

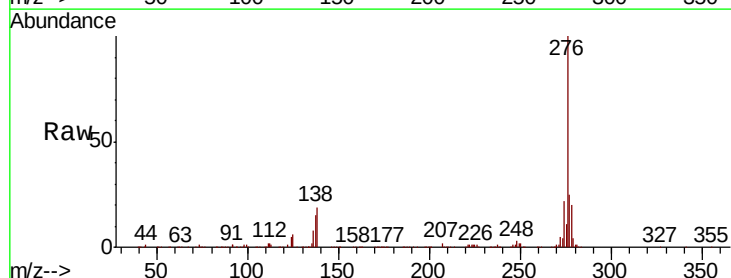
Tgt Ion:276 Resp: 1313862

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

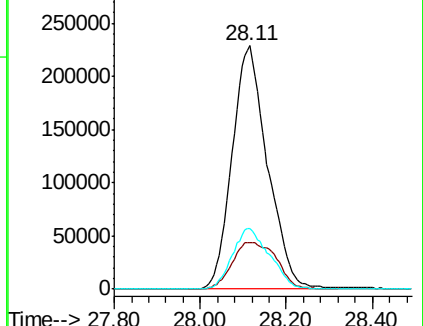
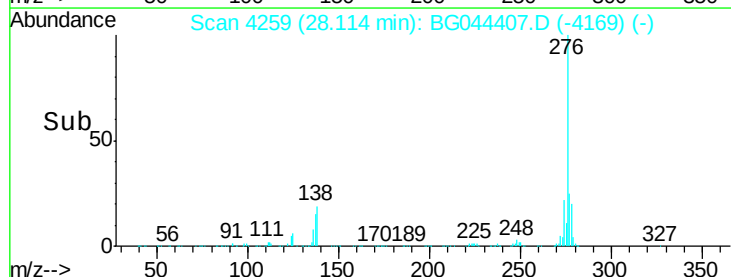
277 26.3 21.0 31.6

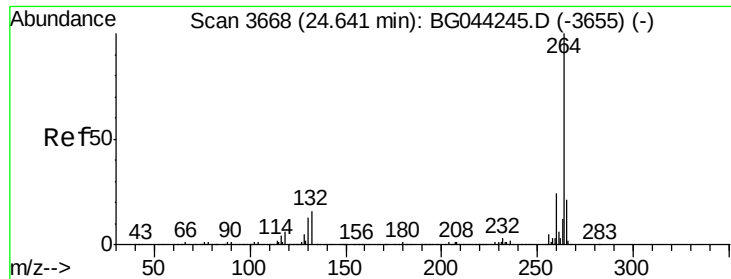


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



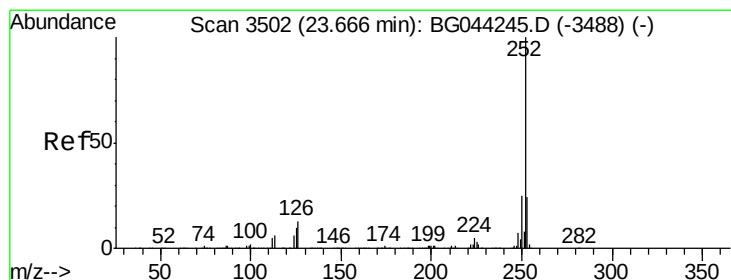
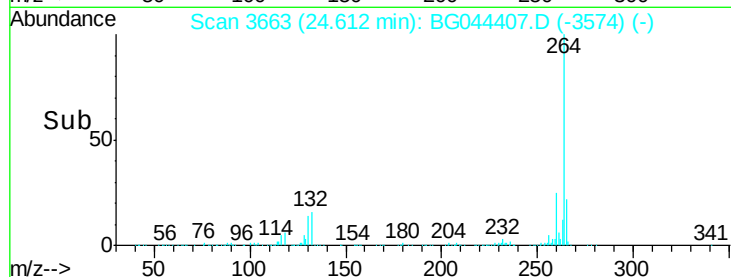
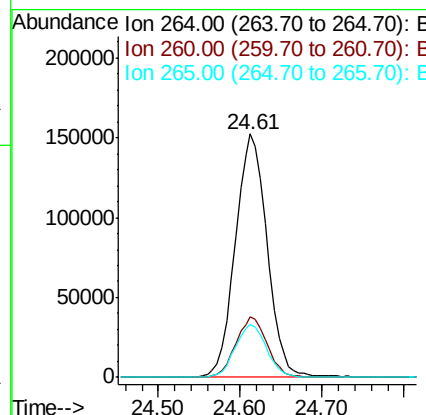
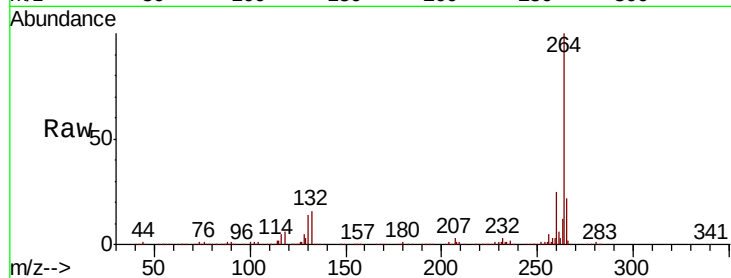


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 412615

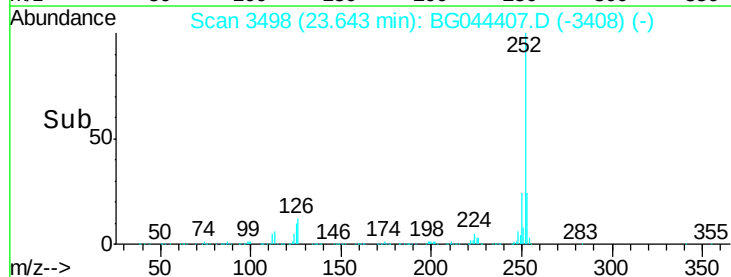
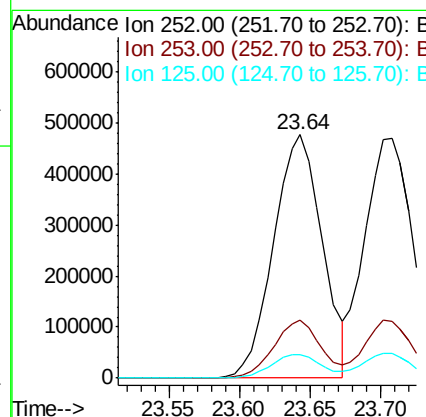
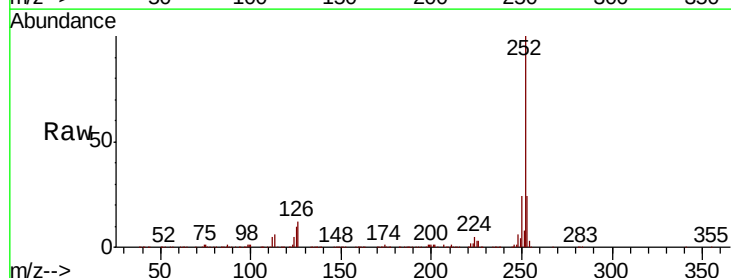
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	16.7	25.1

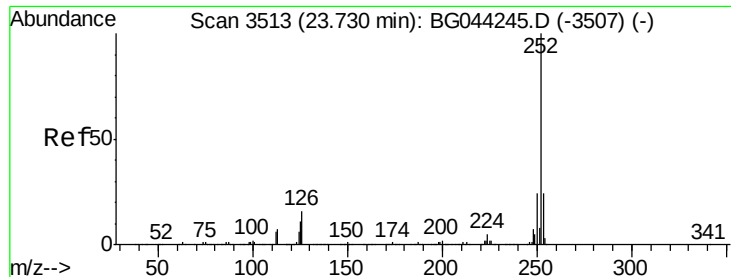


#88
Benzo(b)fluoranthene
Concen: 48.174 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:252 Resp: 1145394

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	9.7	8.4	12.6

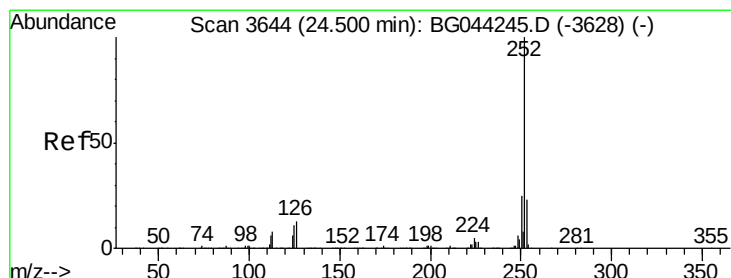
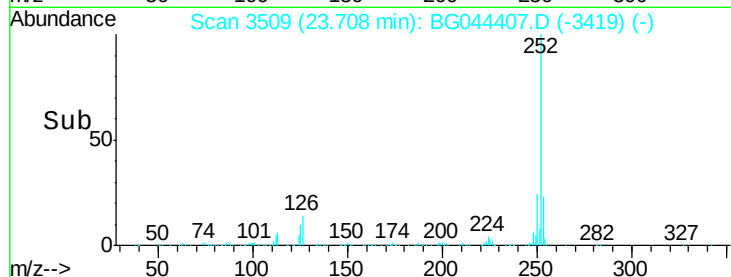
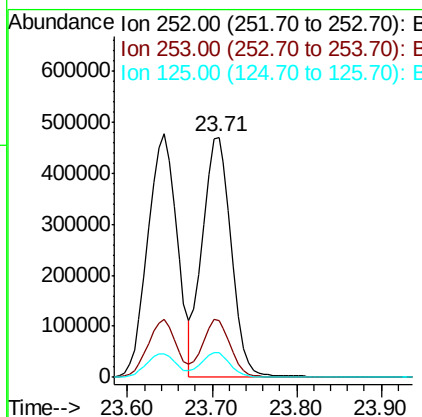
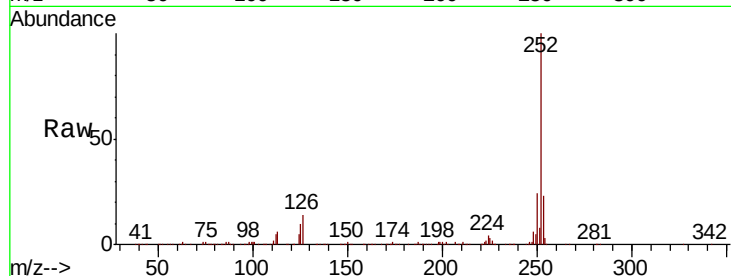




#89
Benzo(k)fluoranthene
Concen: 48.467 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

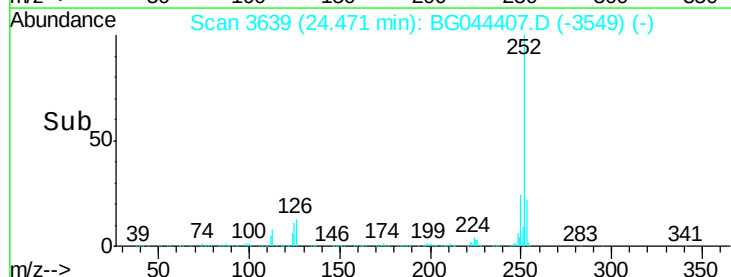
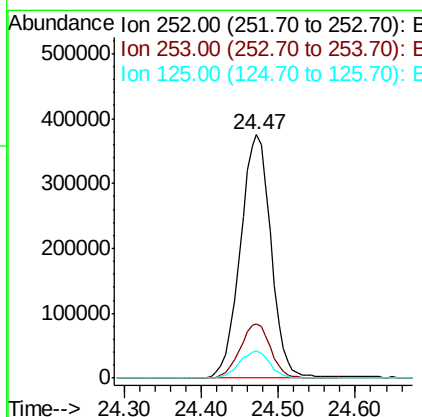
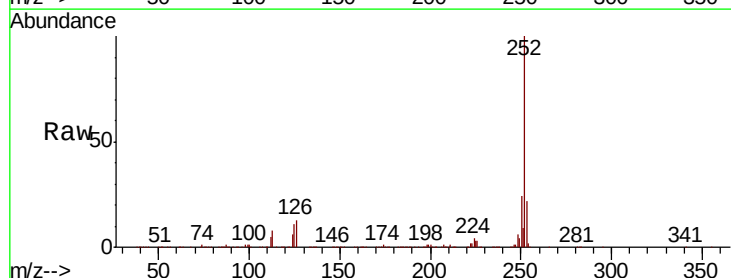
Instrument :
BNA_G
ClientSampleId :

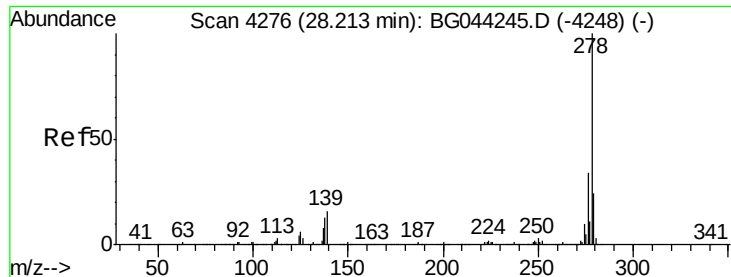
Tot Ion:252 Resp: 1123145
Ion Ratio Lower Upper
252 100
253 23.4 19.1 28.7
125 10.2 8.6 12.8



#90
Benzo(a)pyrene
Concen: 46.519 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:252 Resp: 1045757
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.0 8.6 13.0



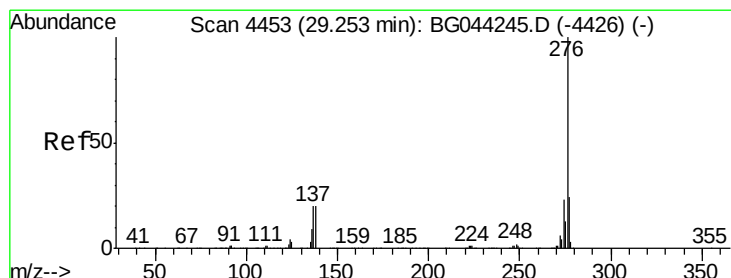
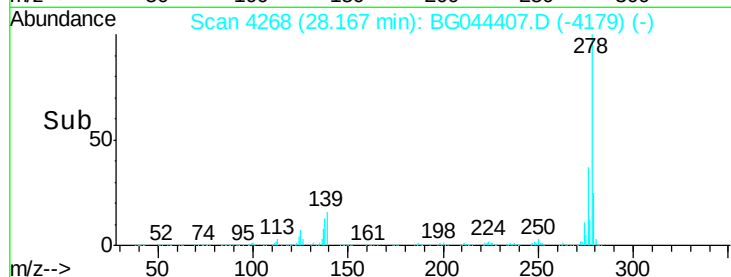
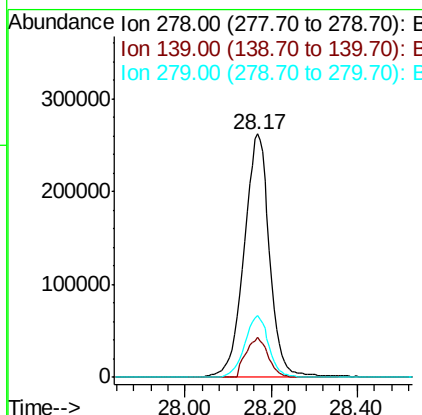
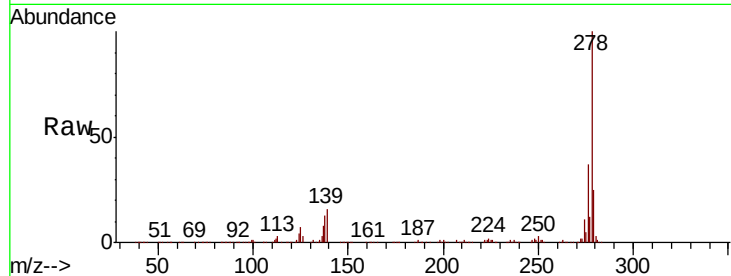


#91
Dibenzo(a,h)anthracene
Concen: 49.332 ng
RT: 28.17 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1097549

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	25.5	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 50.087 ng
RT: 29.20 min Scan# 4443
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:276 Resp: 1115529

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.6	16.2	24.2

