

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044425.D
 Acq On : 13 Feb 2020 19:58
 Operator : CG/JU
 Sample : L1510-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:56:06 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	69017	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	318372	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	223769	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	487220	20.00	ng	0.00
76) Chrysene-d12	21.53	240	440229	20.00	ng	0.00
87) Perylene-d12	24.62	264	474164	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	322792	82.54	ng	0.00
7) Phenol-d6	7.07	99	440503	83.88	ng	0.00
23) Nitrobenzene-d5	9.06	82	252774	44.82	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	175979	66.99	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	530916	39.73	ng	0.00
79) Terphenyl-d14	19.90	244	781815	36.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	73454	41.806	ng	99
3) Pyridine	3.75	79	195673	41.800	ng	97
4) n-Nitrosodimethylamine	3.67	42	101055	51.661	ng	98
6) Aniline	7.23	93	263619	40.442	ng	100
8) 2-Chlorophenol	7.47	128	269508	62.706	ng	97
9) Benzaldehyde	7.03	77	108572	36.301	ng	97
10) Phenol	7.10	94	342601	65.921	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	237295	53.406	ng	98
12) 1,3-Dichlorobenzene	7.79	146	260136	50.693	ng	98
13) 1,4-Dichlorobenzene	7.94	146	261357	51.423	ng	100
14) 1,2-Dichlorobenzene	8.25	146	254036	52.881	ng	99
15) Benzyl Alcohol	8.14	79	224061	60.266	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.44	45	314551	52.305	ng	99
17) 2-Methylphenol	8.35	107	231812	62.516	ng	98
18) Hexachloroethane	8.99	117	93853	49.209	ng	96
19) n-Nitroso-di-n-propylamine	8.71	70	194056	55.447	ng	97
20) 3+4-Methylphenols	8.68	107	326312	63.854	ng	98
22) Acetophenone	8.72	105	362756	46.837	ng	99
24) Nitrobenzene	9.10	77	275161	49.981	ng	99
25) Isophorone	9.63	82	550516	52.376	ng	100
26) 2-Nitrophenol	9.82	139	156400	54.750	ng	100
27) 2,4-Dimethylphenol	9.88	122	269692	66.880	ng	100
28) bis(2-Chloroethoxy)methane	10.11	93	343380	48.972	ng	100
29) 2,4-Dichlorophenol	10.36	162	275638	56.530	ng	100
30) 1,2,4-Trichlorobenzene	10.57	180	262702	46.987	ng	99
31) Naphthalene	10.75	128	786584	50.923	ng	100
32) Benzoic acid	10.05	122	102031	41.244	ng	99
33) 4-Chloroaniline	10.86	127	161664	23.012	ng	99
34) Hexachlorobutadiene	11.05	225	151618	44.072	ng	99
35) Caprolactam	11.64	113	67442	37.758	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	306724	59.999	ng	97
37) 2-Methylnaphthalene	12.37	142	607394	52.961	ng	99
38) 1-Methylnaphthalene	12.58	142	576569	53.324	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	297597	44.459	ng	98

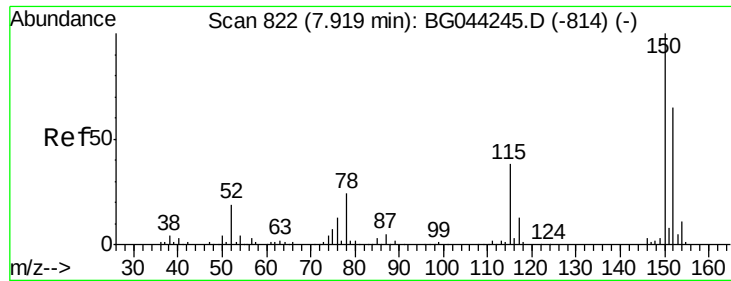
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044425.D
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	340870	106.130	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	229965	53.151	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	247127	55.921	ng	99
46) 1,1'-Biphenyl	13.38	154	783789	48.560	ng	100
47) 2-Chloronaphthalene	13.42	162	610435	47.527	ng	100
48) 2-Nitroaniline	13.62	65	190890	50.360	ng	98
49) Acenaphthylene	14.27	152	974661	51.737	ng	99
50) Dimethylphthalate	14.00	163	843336	52.429	ng	100
51) 2,6-Dinitrotoluene	14.11	165	187906	52.393	ng	98
52) Acenaphthene	14.61	154	608878	49.864	ng	99
53) 3-Nitroaniline	14.45	138	114498	28.856	ng	96
54) 2,4-Dinitrophenol	14.65	184	180095	84.293	ng	98
55) Dibenzofuran	14.94	168	945152	51.124	ng	100
56) 4-Nitrophenol	14.77	139	320972	110.433	ng	99
57) 2,4-Dinitrotoluene	14.91	165	262291	52.180	ng	99
58) Fluorene	15.59	166	749508	51.473	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	216960	54.353	ng	99
60) Diethylphthalate	15.36	149	821281	51.242	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	394288	49.940	ng	99
62) 4-Nitroaniline	15.61	138	186339	46.998	ng	97
63) Azobenzene	15.88	77	735789	52.380	ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	146366	54.422	ng	98
66) n-Nitrosodiphenylamine	15.80	169	718603	52.629	ng	100
67) 4-Bromophenyl-phenylether	16.48	248	268577	50.597	ng	98
68) Hexachlorobenzene	16.60	284	291228	48.971	ng	99
69) Atrazine	16.75	200	268276	57.324	ng	97
70) Pentachlorophenol	16.94	266	293861	97.020	ng	97
71) Phenanthrene	17.33	178	1201980	50.947	ng	100
72) Anthracene	17.42	178	1235954	52.988	ng	99
73) Carbazole	17.69	167	1089109	50.649	ng	99
74) Di-n-butylphthalate	18.25	149	1328367	49.990	ng	100
75) Fluoranthene	19.34	202	1377906	50.487	ng	99
77) Benzidine	19.52	184	471757	38.634	ng	98
78) Pyrene	19.70	202	1371019	48.494	ng	99
80) Butylbenzylphthalate	20.59	149	621166	48.213	ng	98
81) Benzo(a)anthracene	21.52	228	1337020	49.279	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	350810	33.315	ng	99
83) Chrysene	21.58	228	1279250	48.779	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	873158	49.238	ng	100
85) Di-n-octyl phthalate	22.60	149	1533322	49.974	ng	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1678518	49.058	ng	99
88) Benzo(b)fluoranthene	23.65	252	1417476	51.879	ng	99
89) Benzo(k)fluoranthene	23.71	252	1395042	52.386	ng	100
90) Benzo(a)pyrene	24.48	252	1324466	51.269	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1379749	53.967	ng	99
92) Benzo(g,h,i)perylene	29.22	276	1417515	55.385	ng	98

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

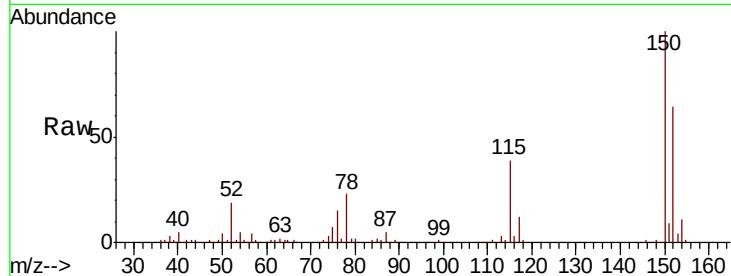


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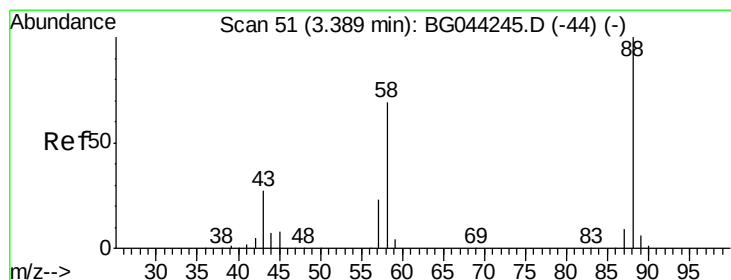
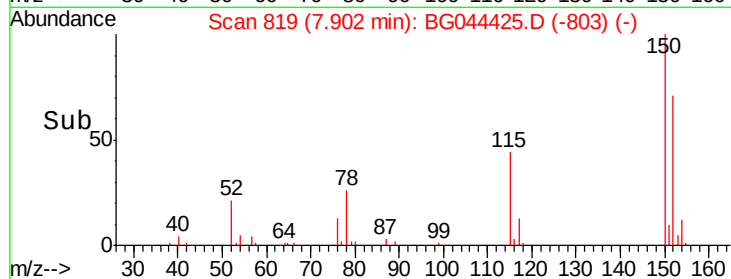
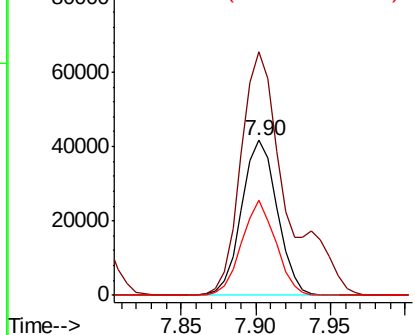
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69017
Ion Ratio Lower Upper
152 100
150 157.3 122.6 183.8
115 61.4 46.0 69.0



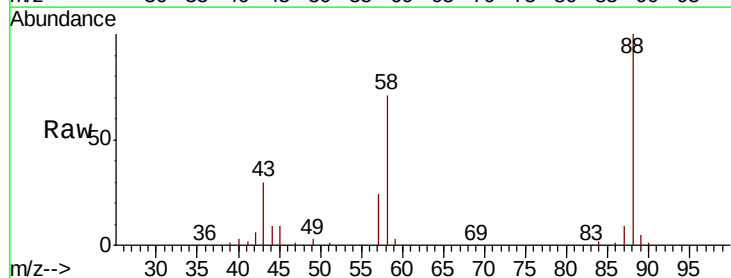
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



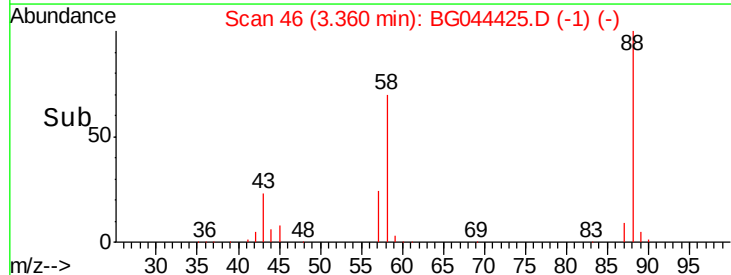
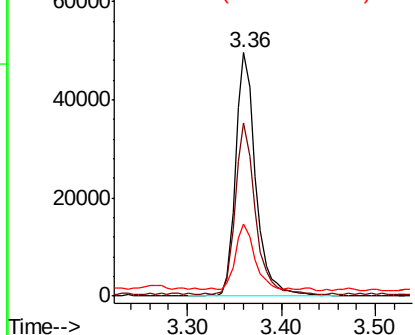
#2

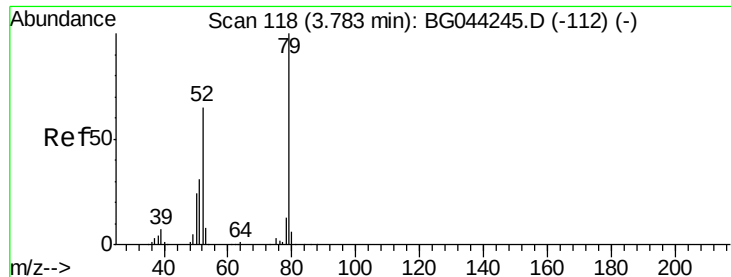
1,4-Dioxane
Concen: 41.806 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion: 88 Resp: 73454
Ion Ratio Lower Upper
88 100
58 69.4 55.8 83.6
43 25.7 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: 41.800 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

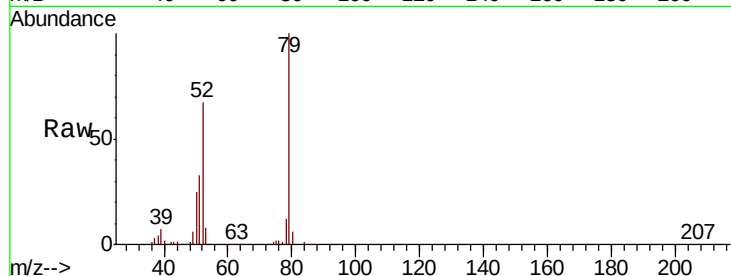
Tot Ion: 79 Resp: 195673

Ion Ratio Lower Upper

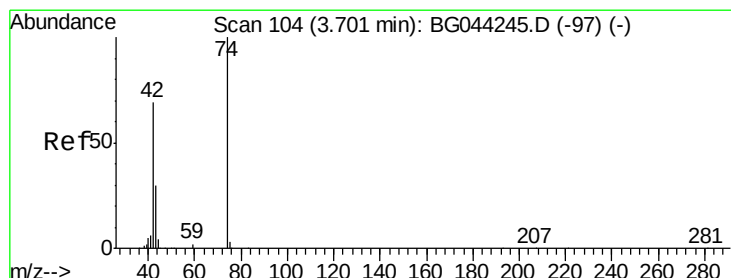
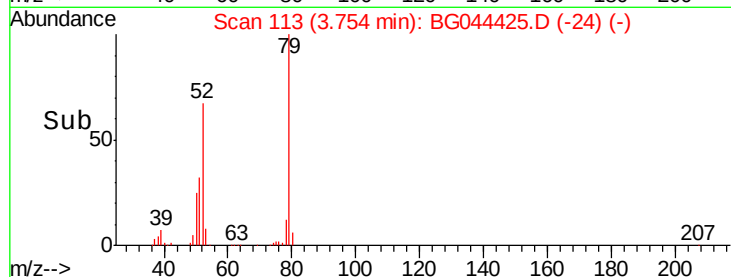
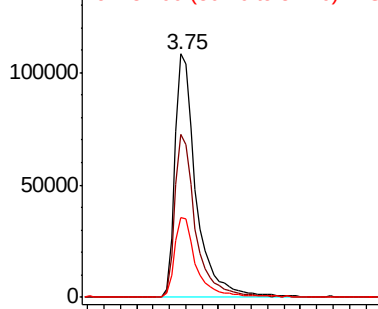
79 100

52 67.1 51.9 77.9

51 32.9 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: 51.661 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

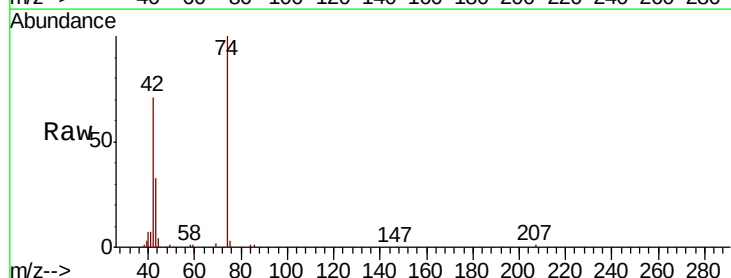
Tgt Ion: 42 Resp: 101055

Ion Ratio Lower Upper

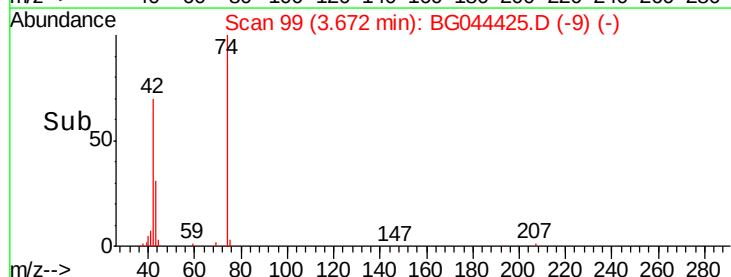
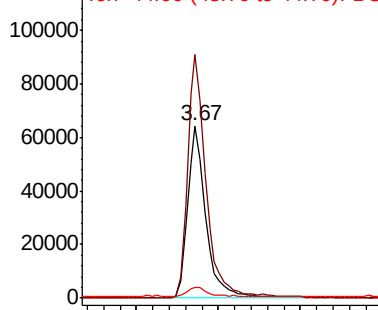
42 100

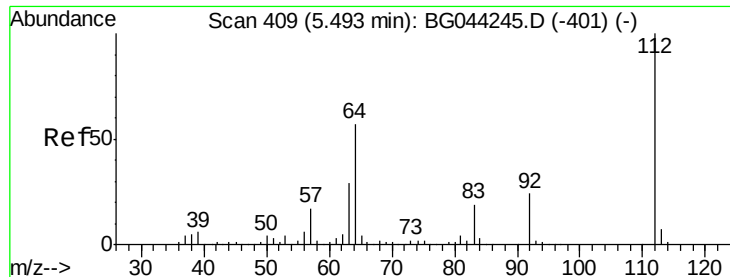
74 141.4 115.1 172.7

44 5.9 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: 82.542 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

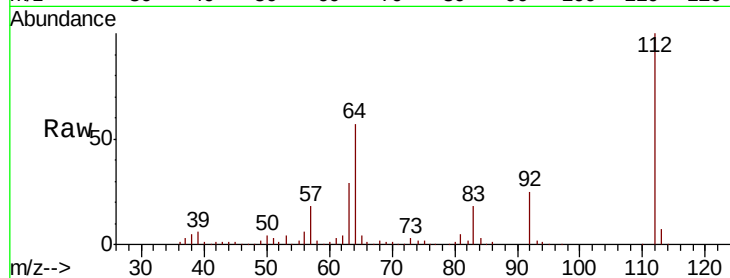
Tot Ion: 112 Resp: 322792

Ion Ratio Lower Upper

112 100

64 56.7 45.4 68.2

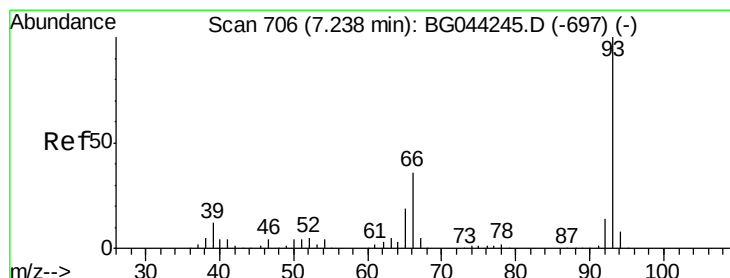
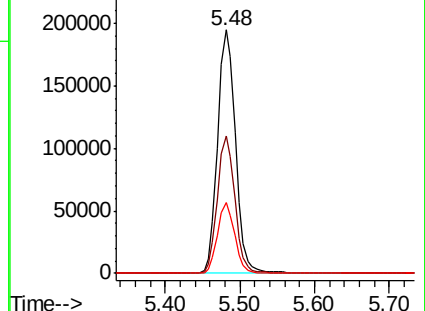
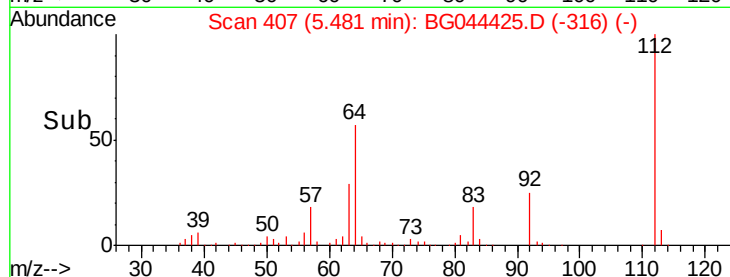
63 28.9 22.9 34.3



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: 40.442 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

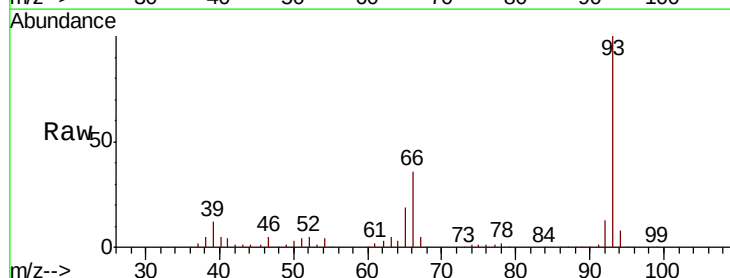
Tgt Ion: 93 Resp: 263619

Ion Ratio Lower Upper

93 100

66 36.1 28.7 43.1

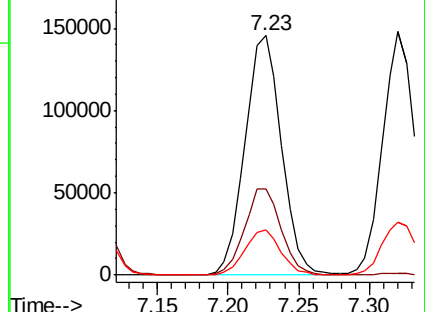
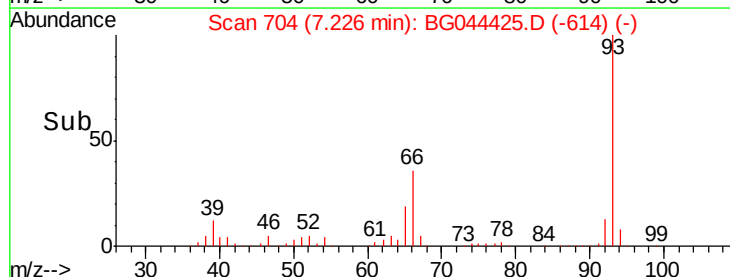
65 19.0 15.4 23.0

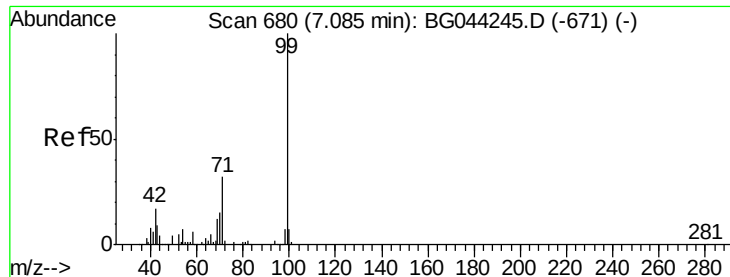


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.882 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

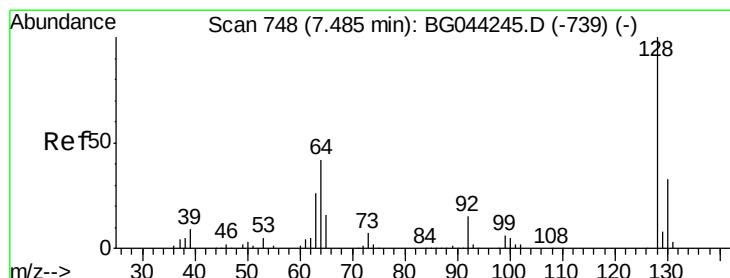
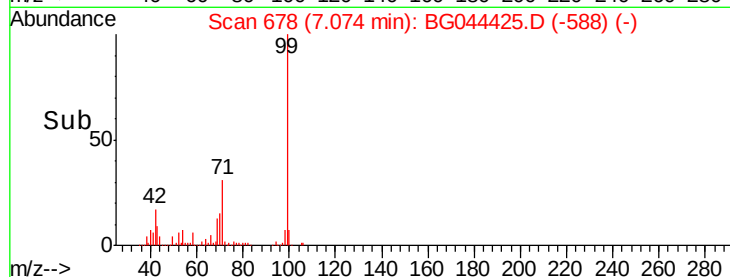
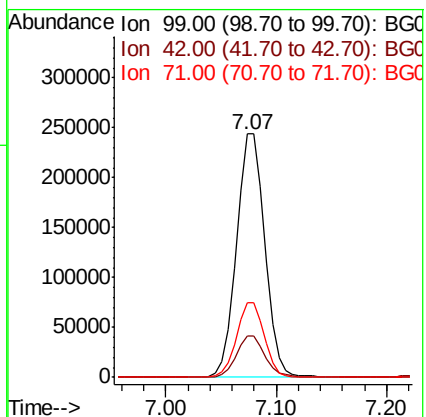
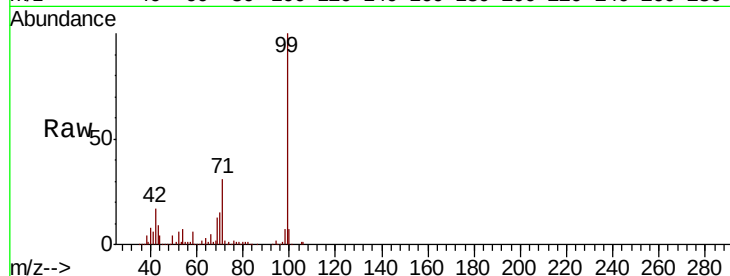
Tot Ion: 99 Resp: 440503

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

71 30.6 25.5 38.3



#8

2-Chlorophenol

Concen: 62.706 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

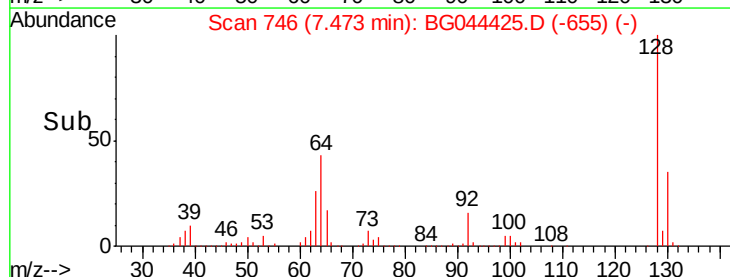
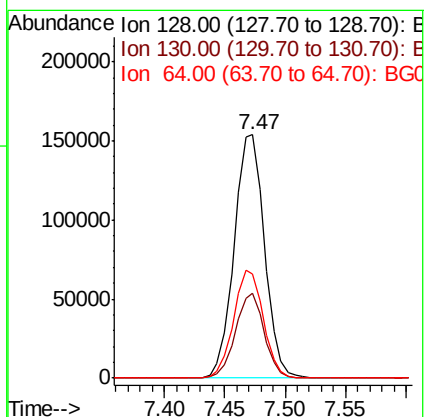
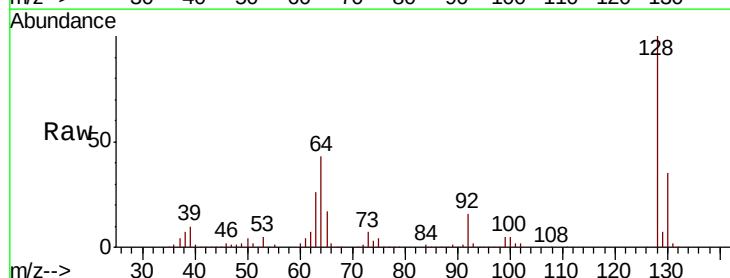
Tgt Ion: 128 Resp: 269508

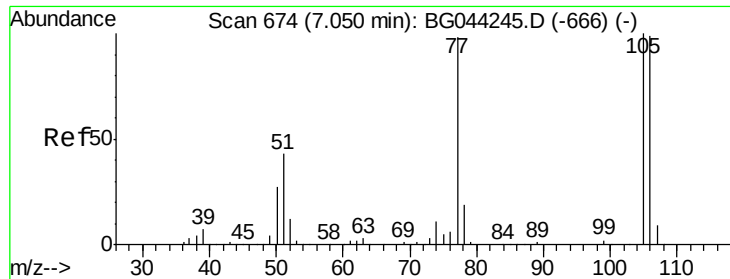
Ion Ratio Lower Upper

128 100

130 34.9 12.5 52.5

64 42.9 24.2 64.2





#9

Benzaldehyde

Concen: 36.301 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

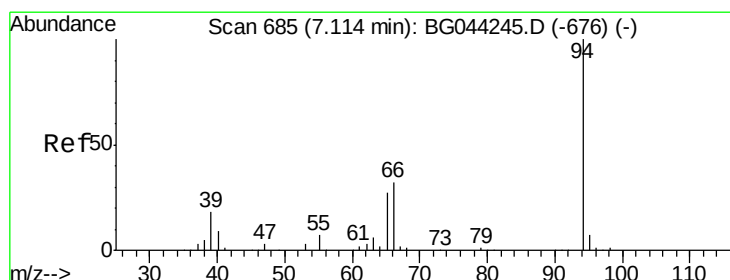
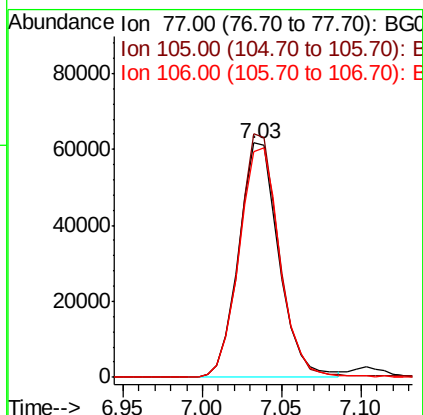
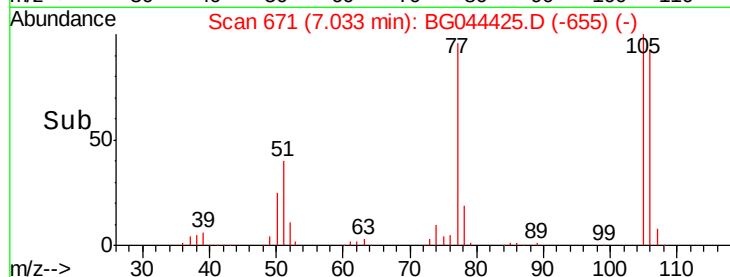
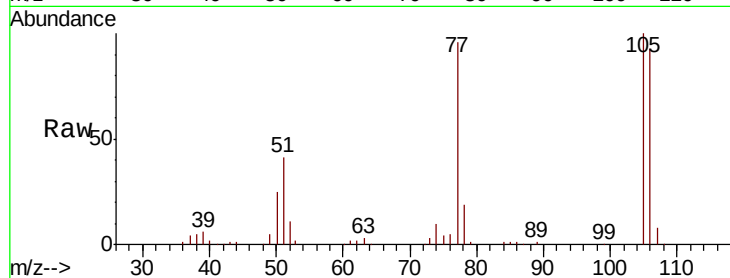
Tot Ion: 77 Resp: 108572

Ion Ratio Lower Upper

77 100

105 104.0 82.0 122.0

106 96.4 80.7 120.7



#10

Phenol

Concen: 65.921 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

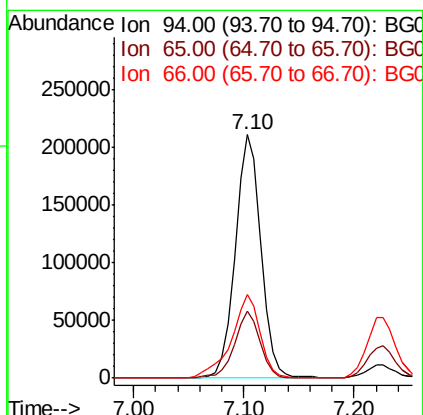
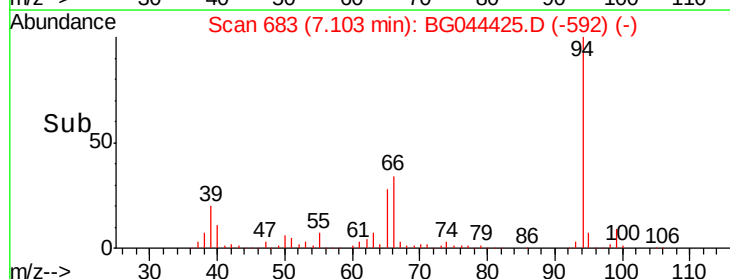
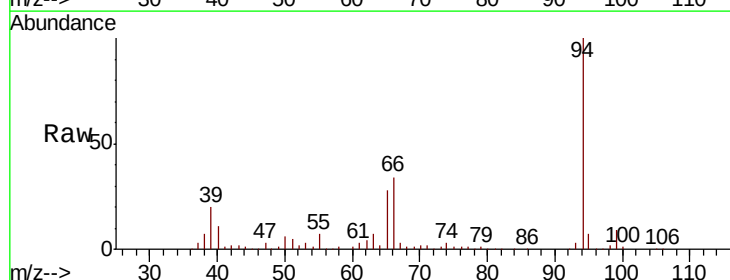
Tgt Ion: 94 Resp: 342601

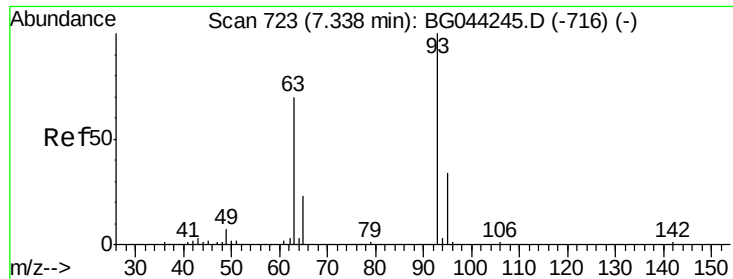
Ion Ratio Lower Upper

94 100

65 27.6 7.0 47.0

66 34.3 12.7 52.7

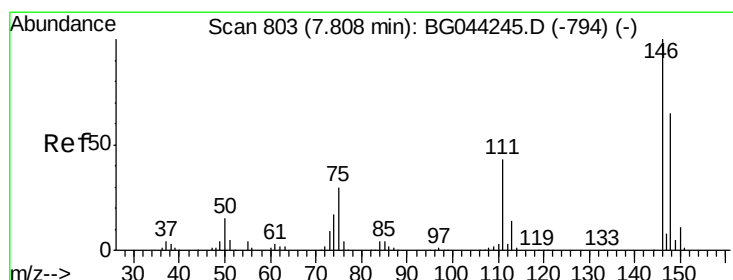
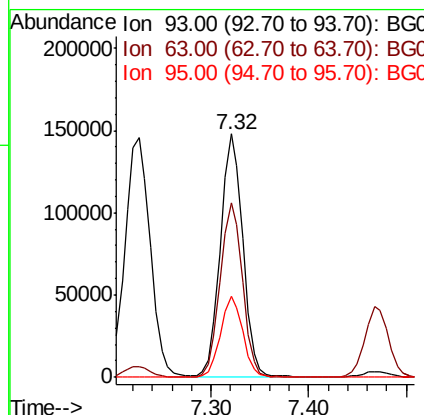
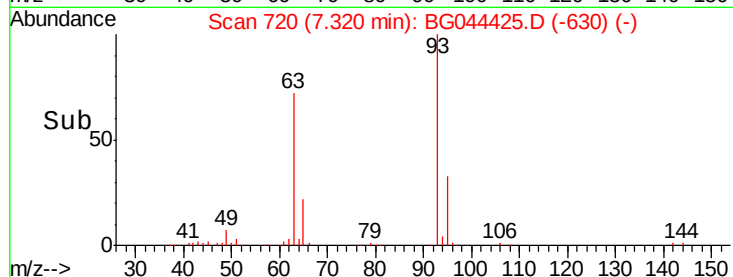
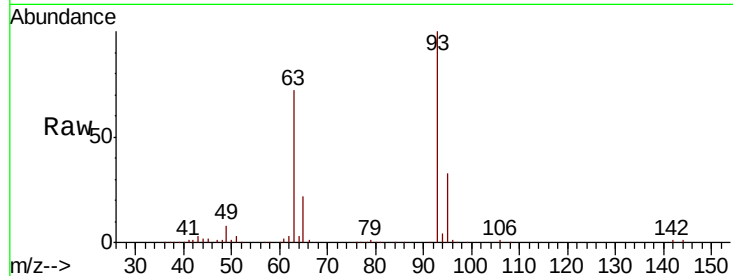




#11
bis(2-Chloroethyl)ether
Concen: 53.406 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

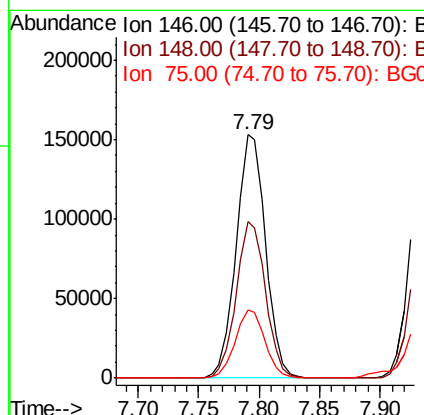
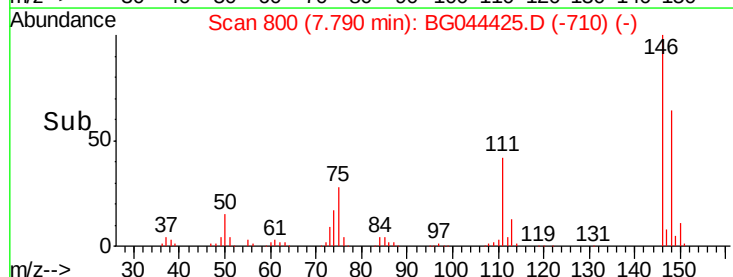
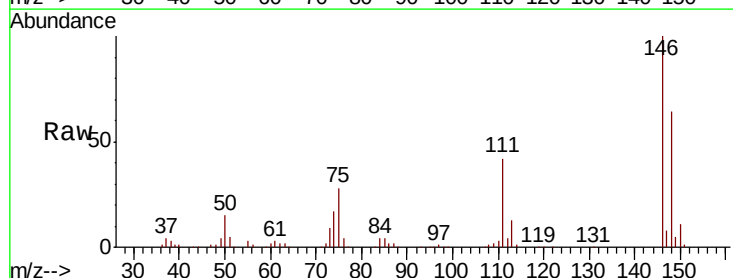
Instrument :
BNA_G
ClientSampleId :

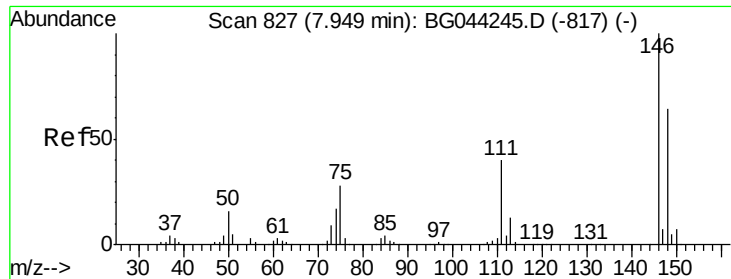
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	49.2	89.2
95	33.3	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 50.693 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	27.9	23.7	35.5

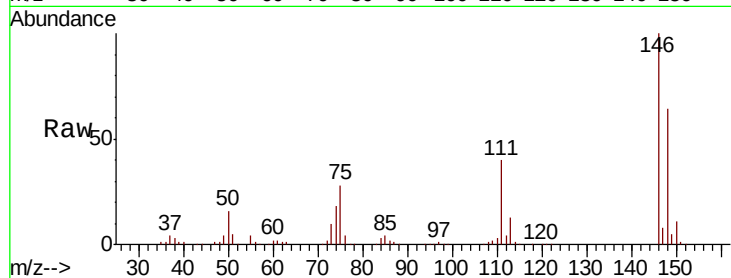




#13
 1,4-Dichlorobenzene
 Concen: 51.423 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
111	40.4	31.8	47.8

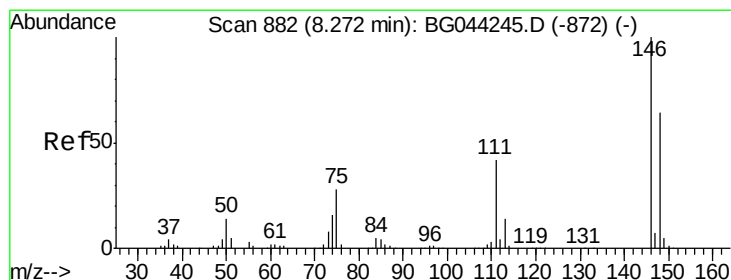
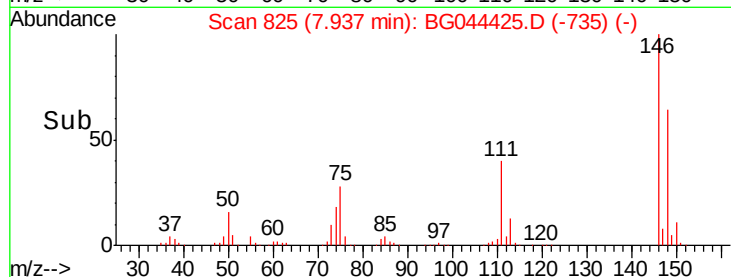
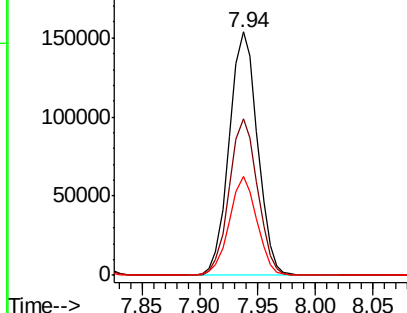


Abundance

Ion 146.00 (145.70 to 146.70): E

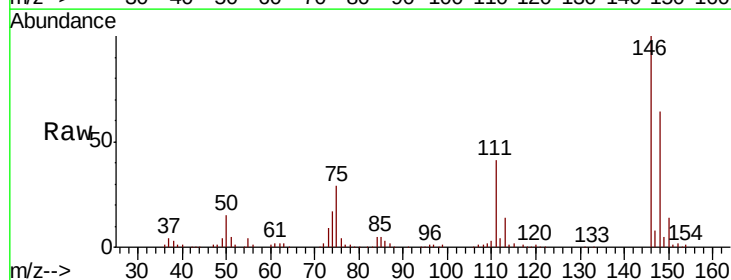
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 52.881 ng
 RT: 8.25 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	41.5	34.0	51.0

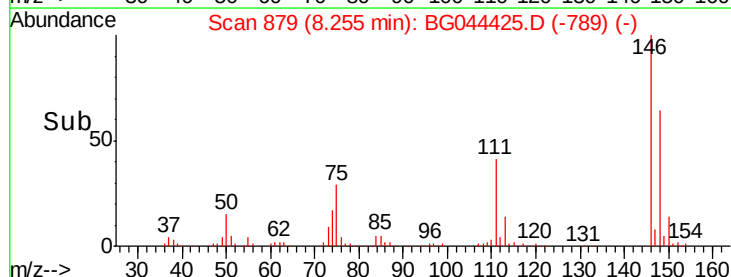
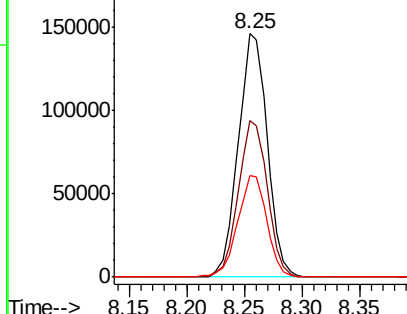


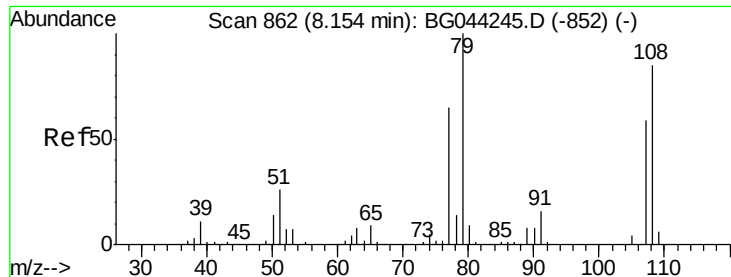
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 60.266 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

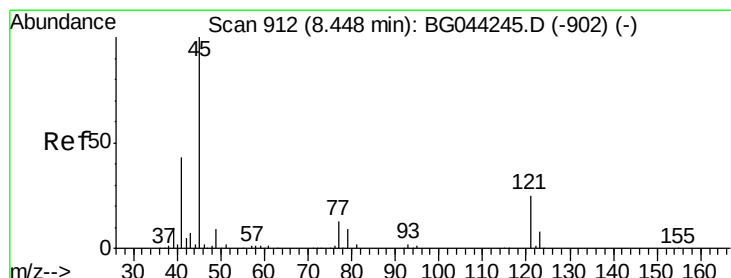
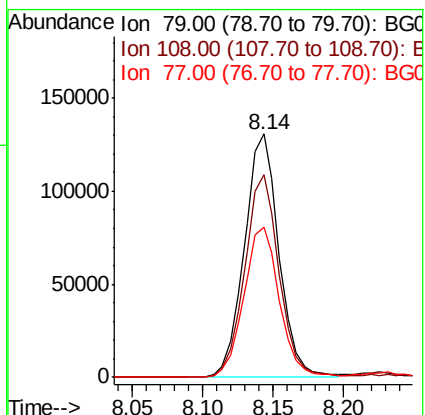
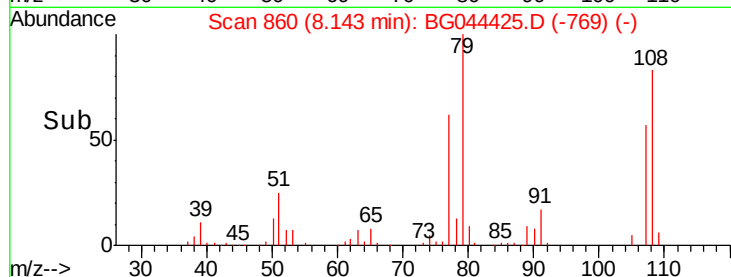
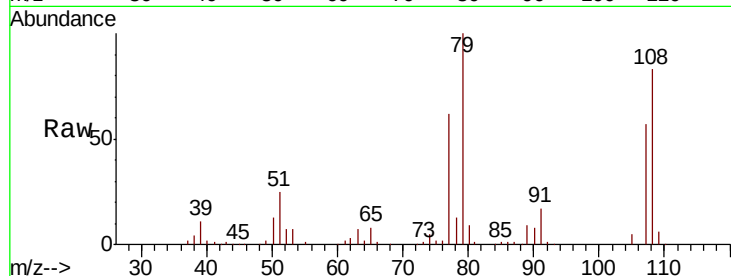
Tot Ion: 79 Resp: 224061

Ion Ratio Lower Upper

79 100

108 83.3 68.3 102.5

77 61.7 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.305 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

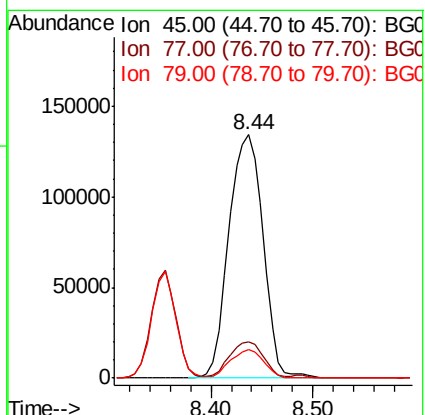
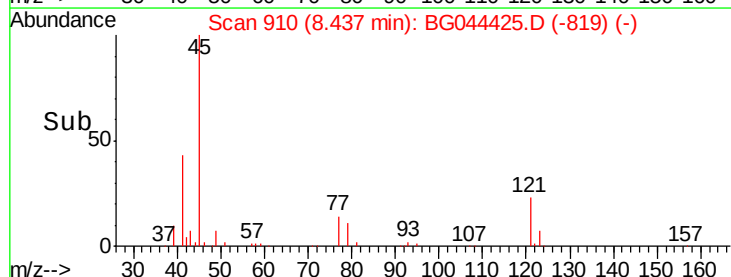
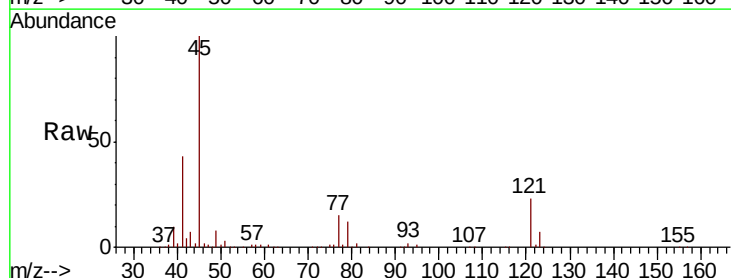
Tgt Ion: 45 Resp: 314551

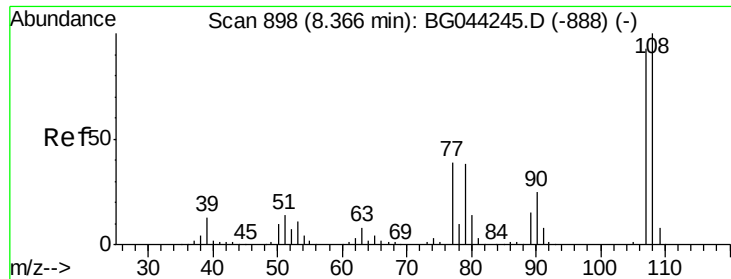
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.2

79 11.7 0.0 31.1





#17

2-Methylphenol

Concen: 62.516 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 231812

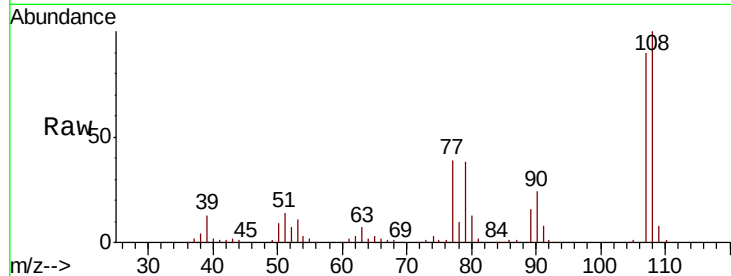
Ion Ratio Lower Upper

107 100

108 110.8 86.4 129.6

77 42.8 34.0 51.0

79 42.0 32.9 49.3

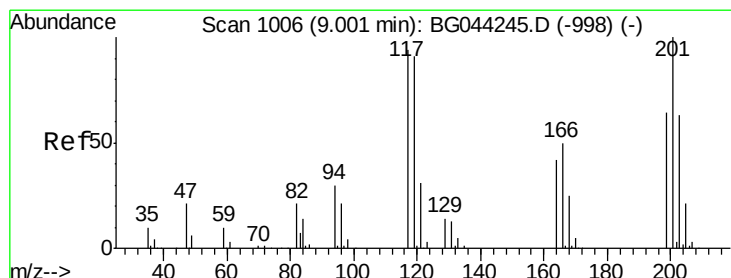
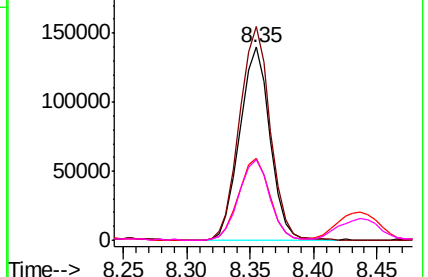
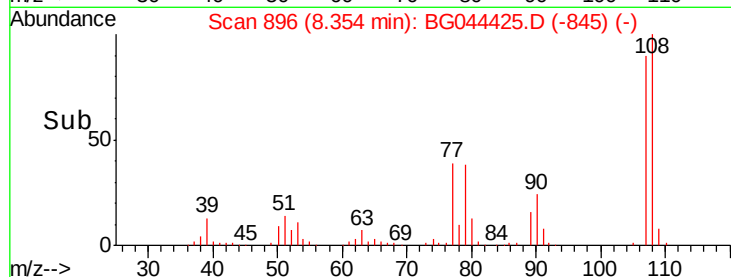


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 49.209 ng

RT: 8.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

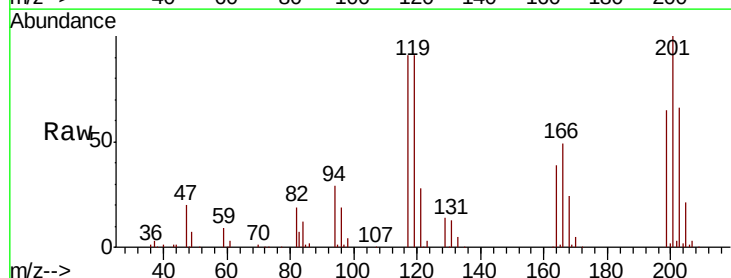
Tgt Ion:117 Resp: 93853

Ion Ratio Lower Upper

117 100

119 100.5 77.5 116.3

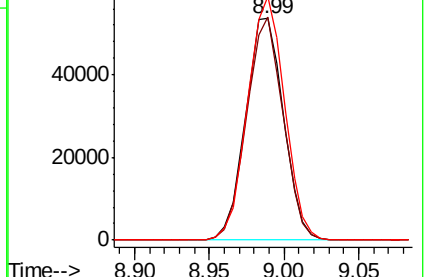
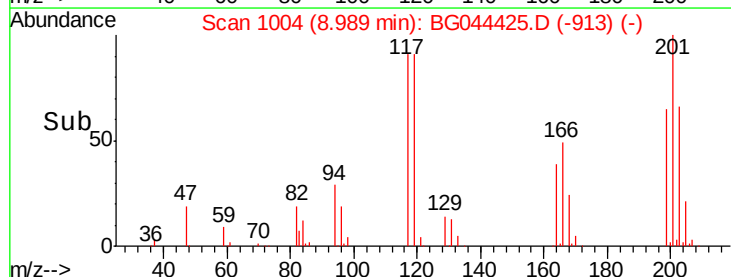
201 109.9 84.9 127.3

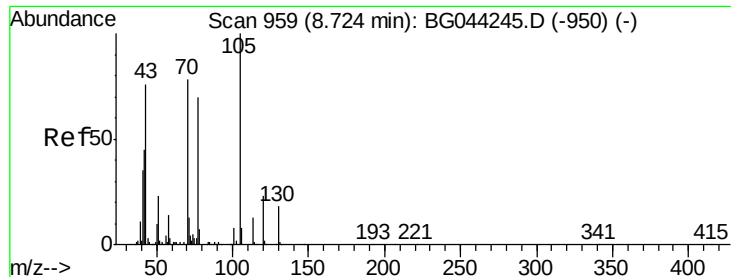


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 55.447 ng

RT: 8.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 194056

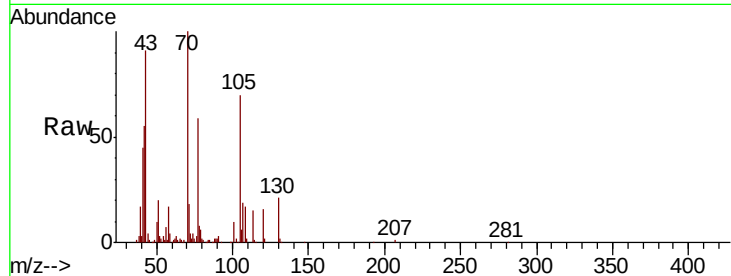
Ion Ratio Lower Upper

70 100

42 54.7 46.2 69.2

101 10.2 8.4 12.6

130 21.2 17.8 26.8

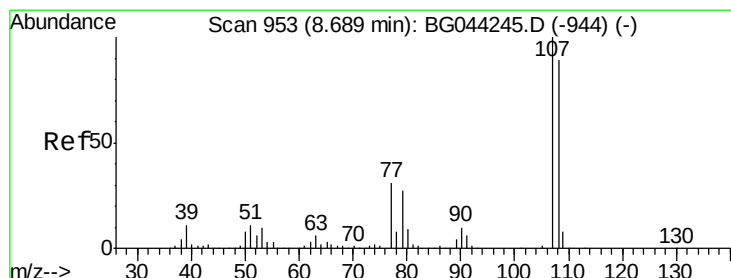
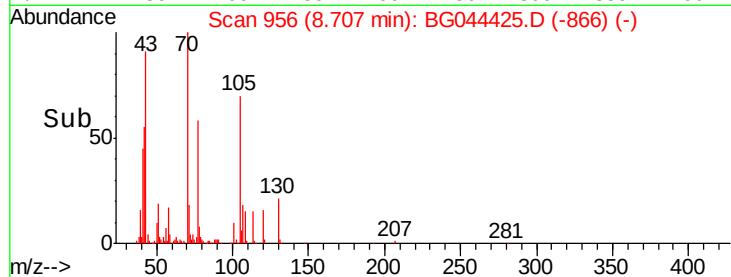
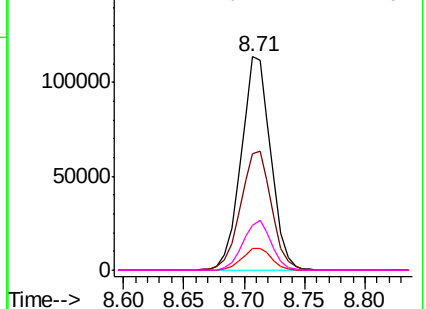


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 63.854 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Tgt Ion: 107 Resp: 326312

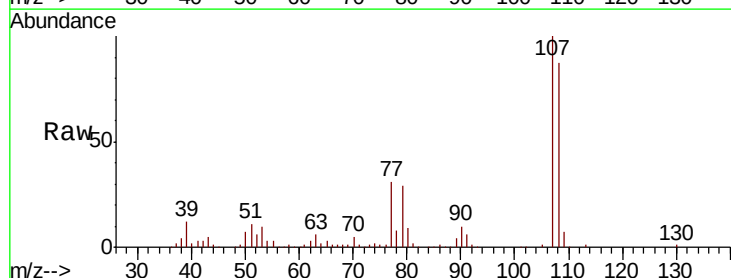
Ion Ratio Lower Upper

107 100

108 87.1 68.5 108.5

77 31.3 10.9 50.9

79 28.7 7.1 47.1

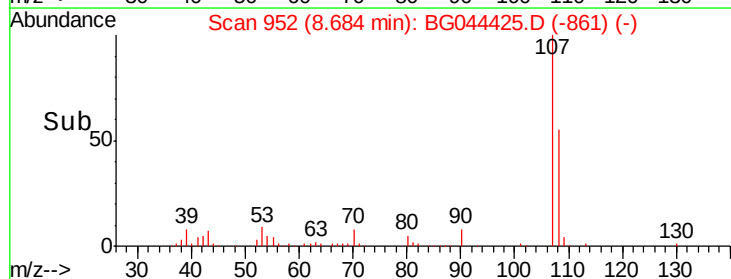
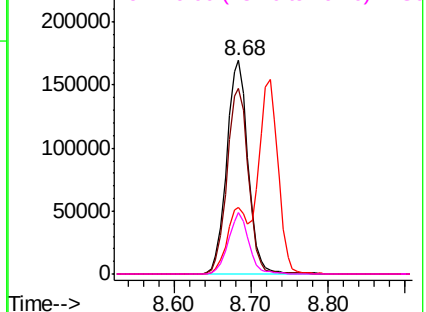


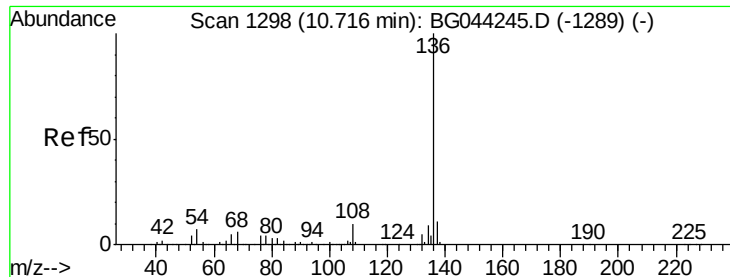
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

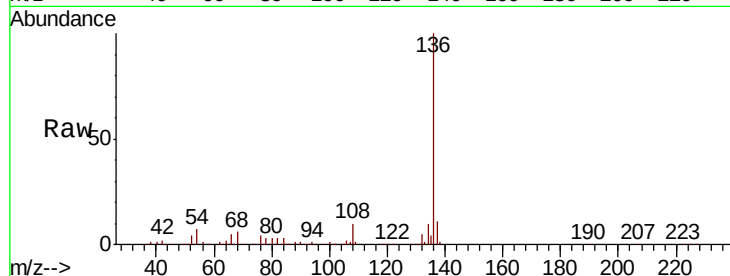




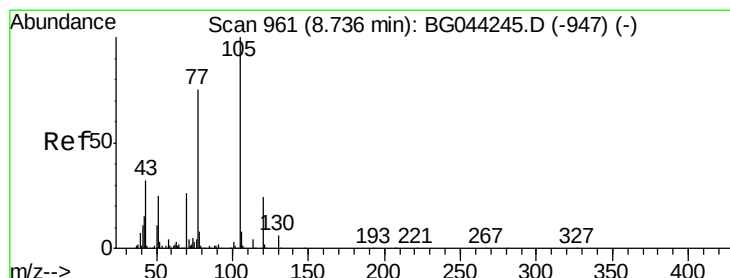
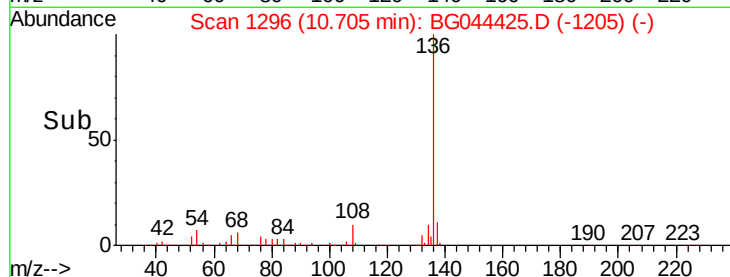
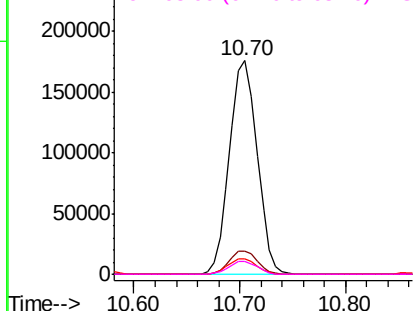
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	318372
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.5	5.8 8.8
68	5.8	4.6 6.8

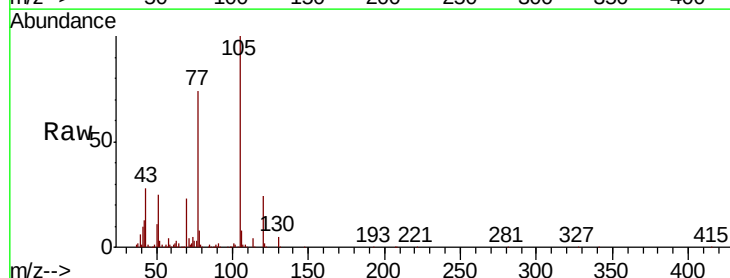


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

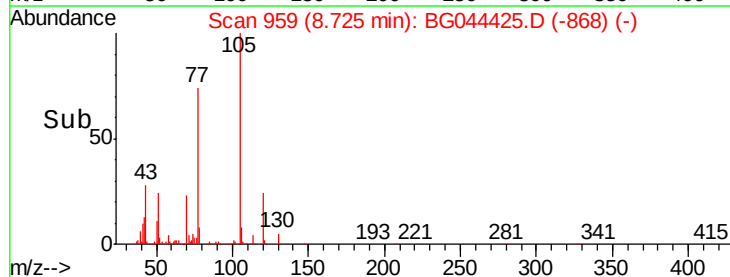
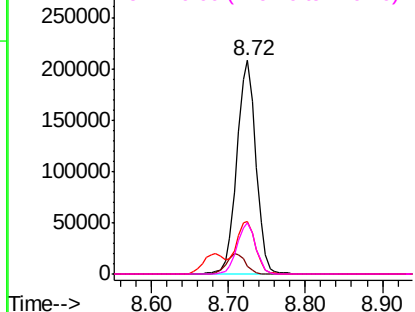


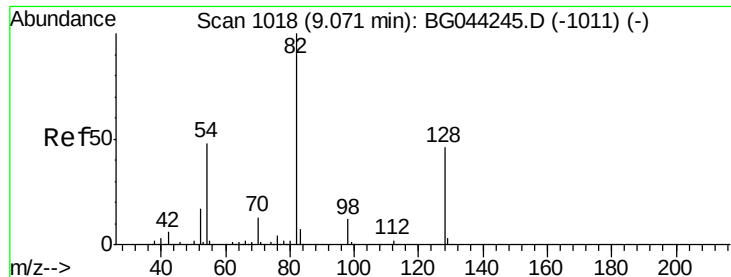
#22
Acetophenone
Concen: 46.837 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion:105	Resp:	362756
Ion Ratio	Lower	Upper
105	100	
71	3.9	3.4 5.0
51	24.7	20.2 30.4
120	23.9	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

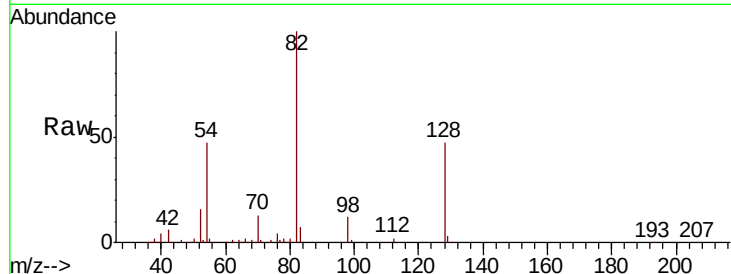




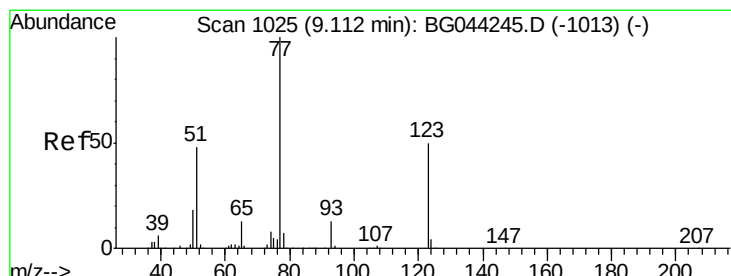
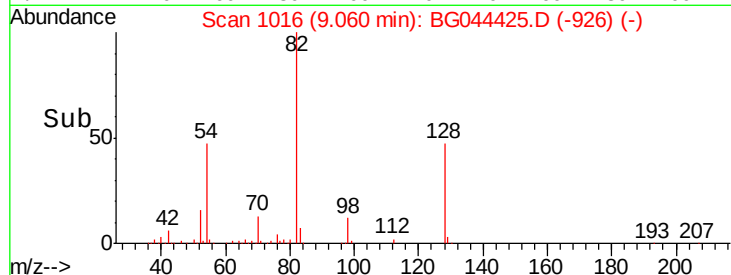
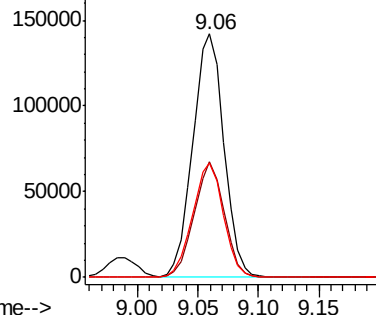
#23
Nitrobenzene-d5
Concen: 44.824 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.5	54.7
54	46.8	38.6	58.0

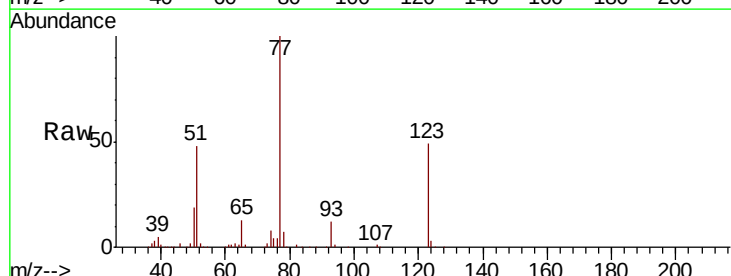


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

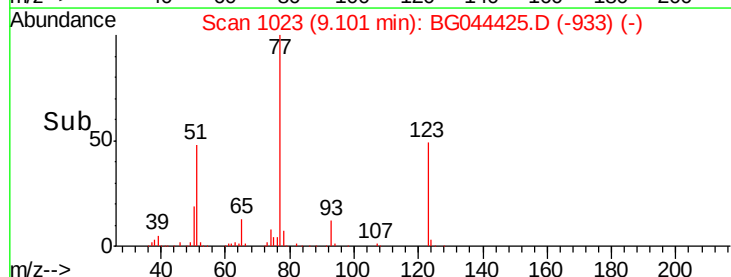
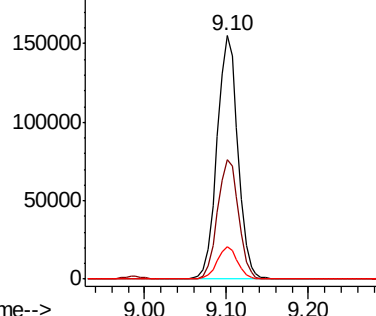


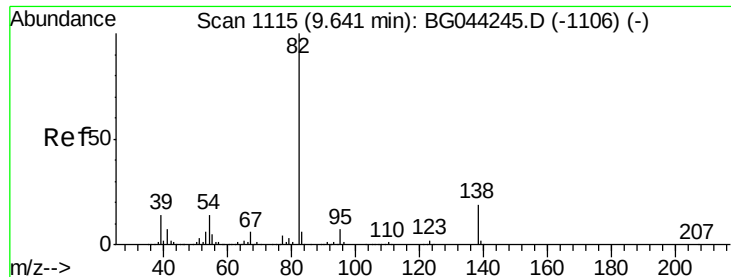
#24
Nitrobenzene
Concen: 49.981 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.9	59.9
65	13.1	10.4	15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 52.376 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

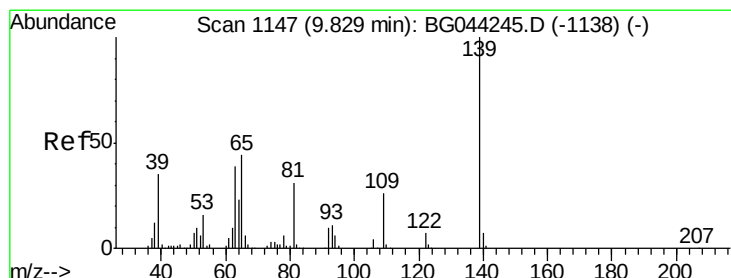
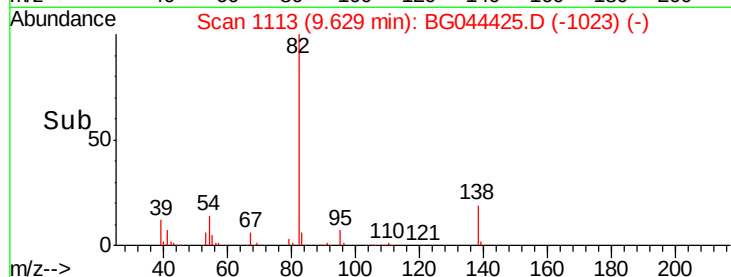
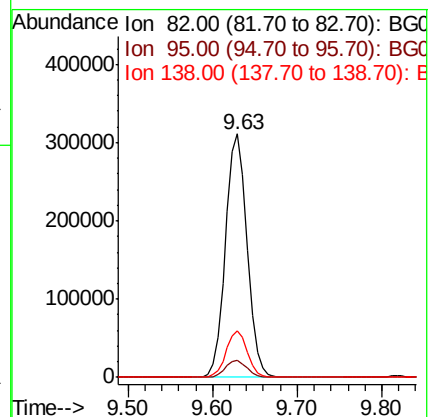
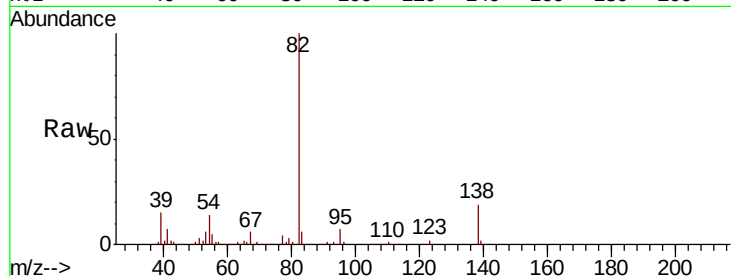
Tot Ion: 82 Resp: 550516

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 18.9 15.0 22.4



#26

2-Nitrophenol

Concen: 54.750 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

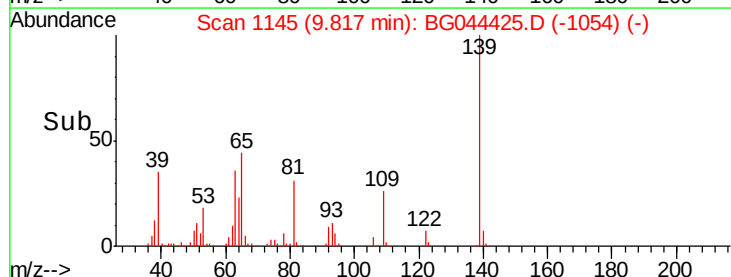
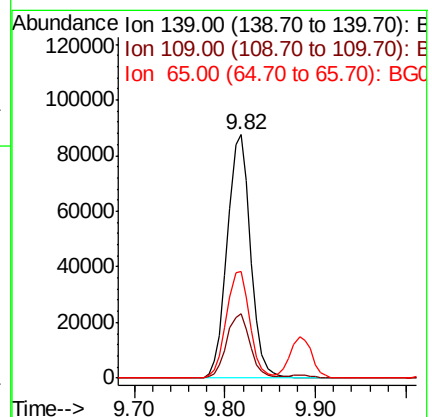
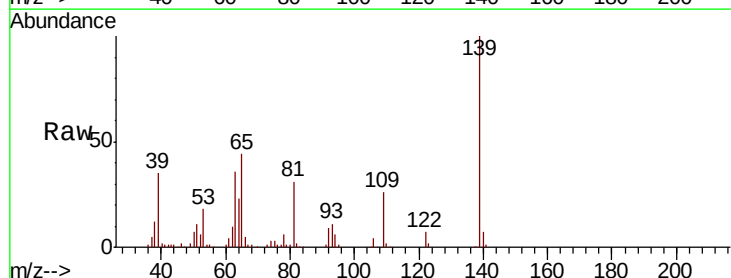
Tgt Ion: 139 Resp: 156400

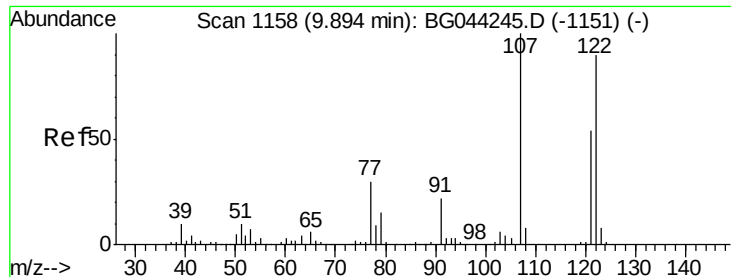
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.4

65 43.9 35.0 52.4

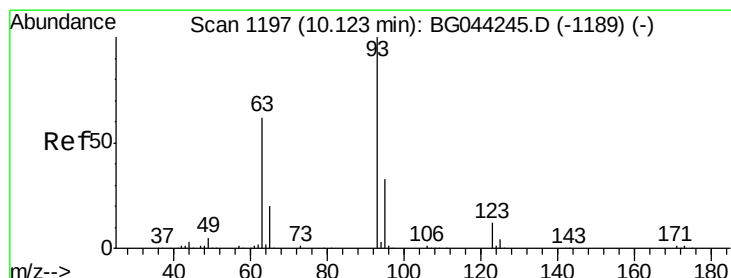
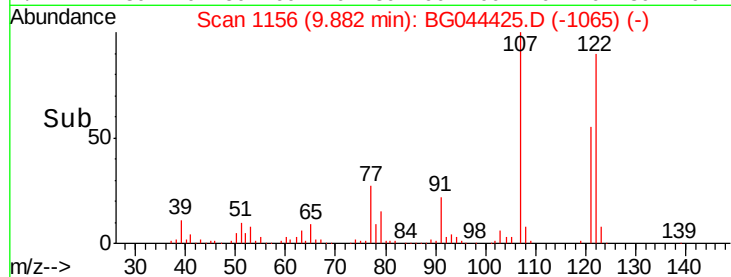
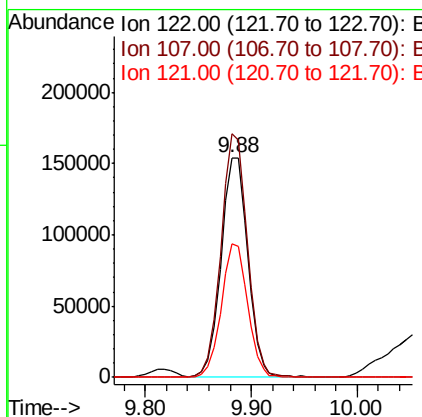
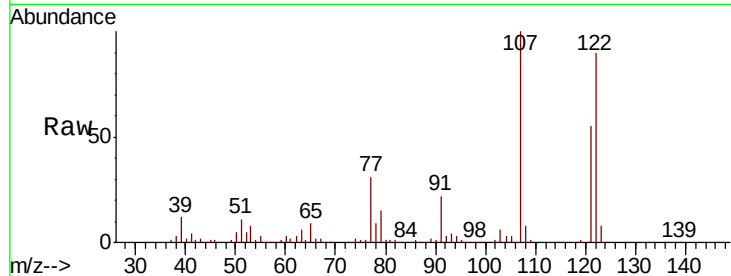




#27
 2,4-Dimethylphenol
 Concen: 66.880 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

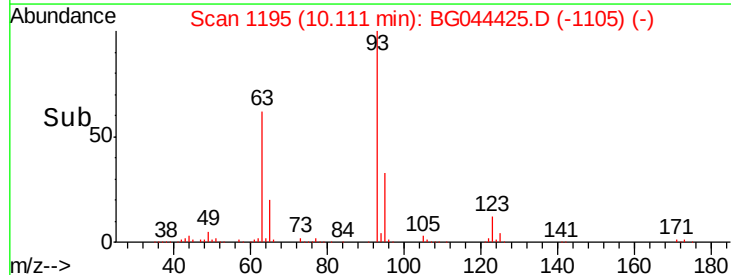
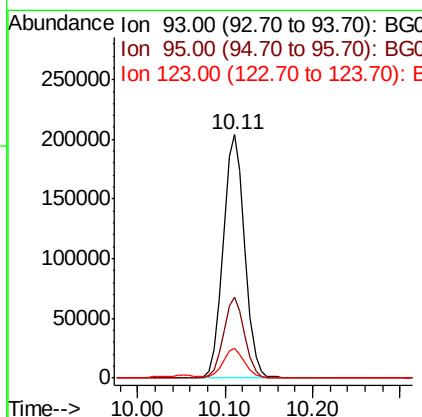
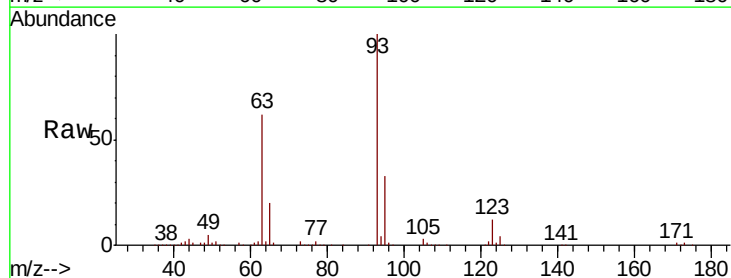
Instrument :
 BNA_G
 ClientSampled :

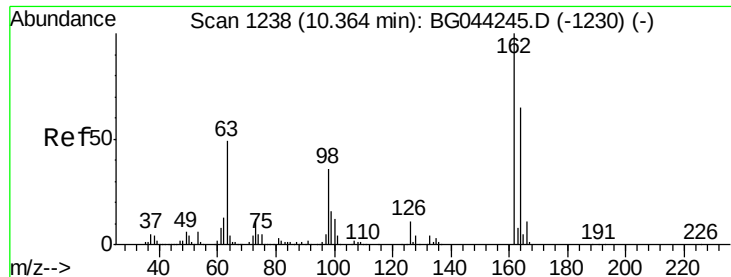
Tot Ion:122 Resp: 269692
 Ion Ratio Lower Upper
 122 100
 107 111.0 88.8 133.2
 121 60.6 48.3 72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.972 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Tgt Ion: 93 Resp: 343380
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 12.5 10.0 15.0

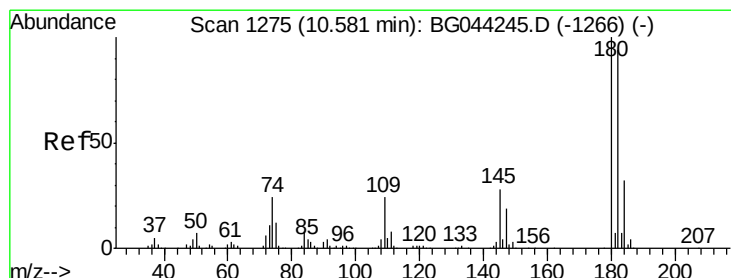
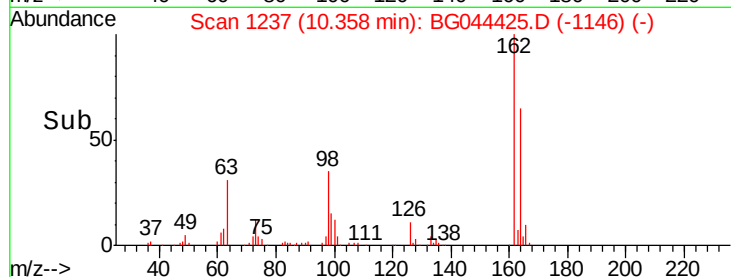
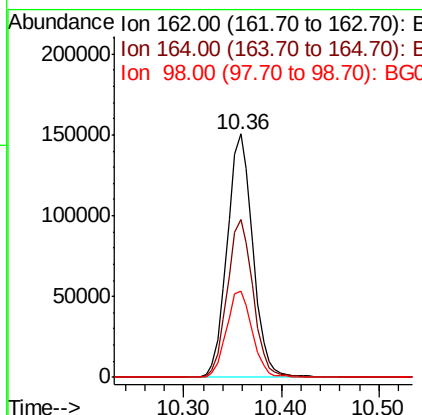
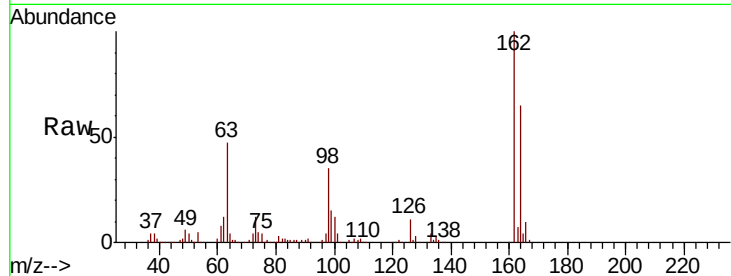




#29
2,4-Dichlorophenol
Concen: 56.530 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

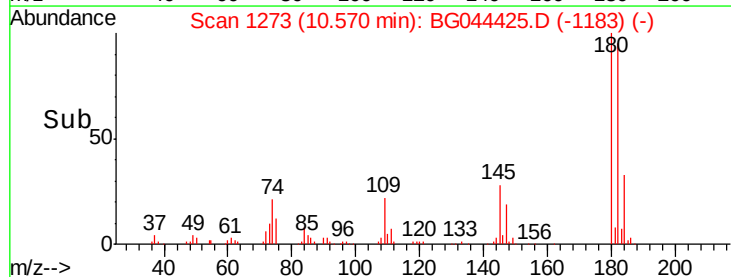
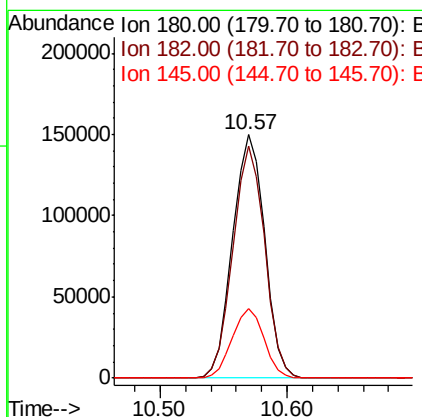
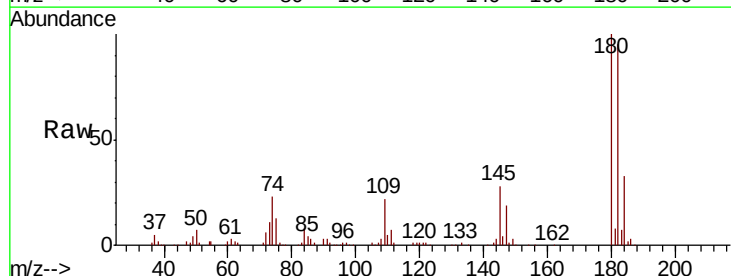
Instrument :
BNA_G
ClientSampleId :

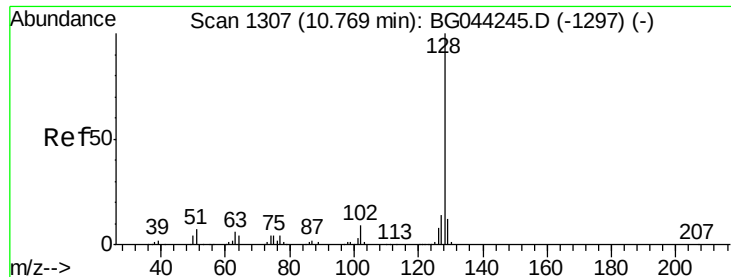
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.7	84.7
98	35.2	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 46.987 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
145	28.4	22.6	34.0

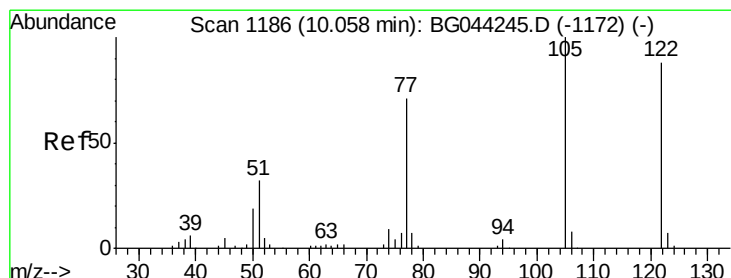
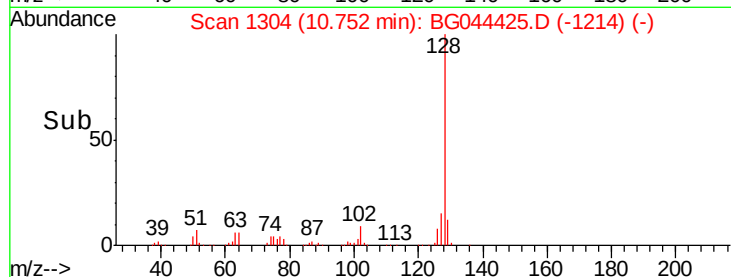
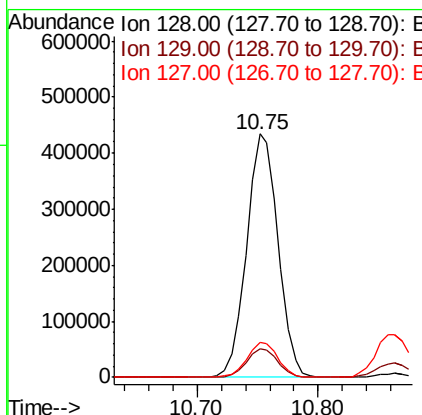
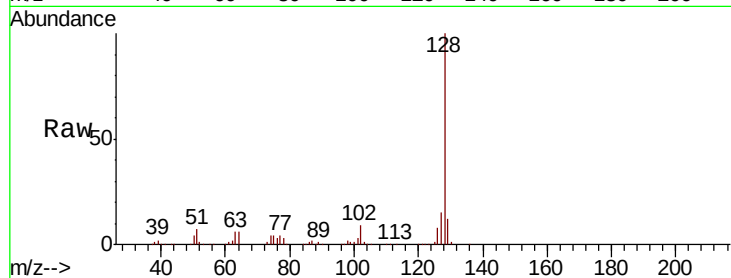




#31
Naphthalene
Concen: 50.923 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

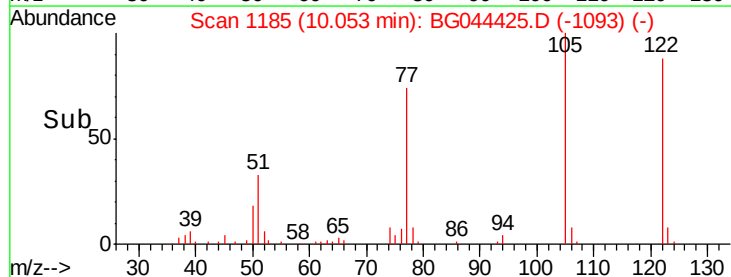
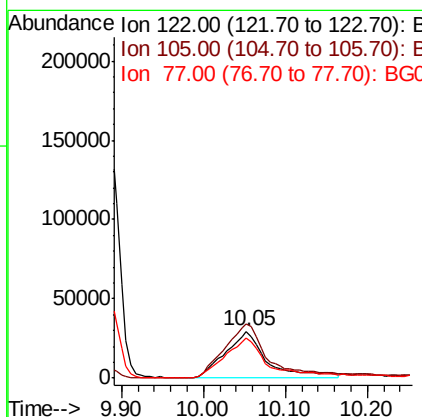
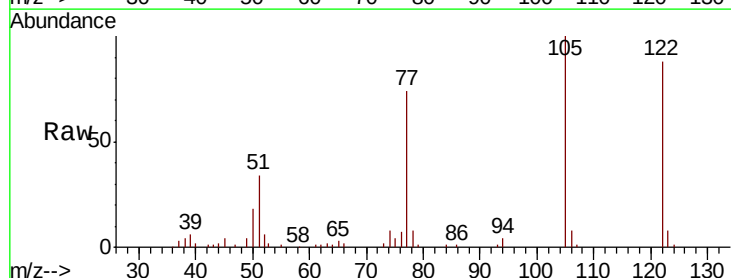
Instrument :
BNA_G
ClientSampled :

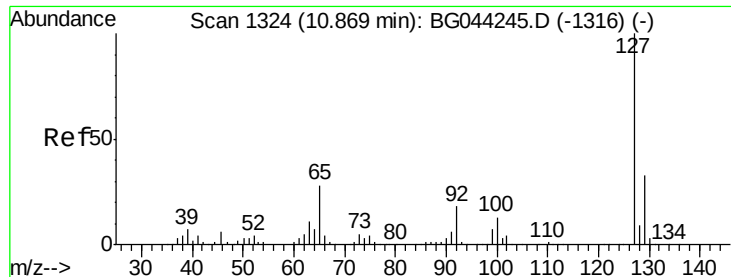
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.5	11.6	17.4



#32
Benzoic acid
Concen: 41.244 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.8	93.5	133.5
77	83.8	61.0	101.0

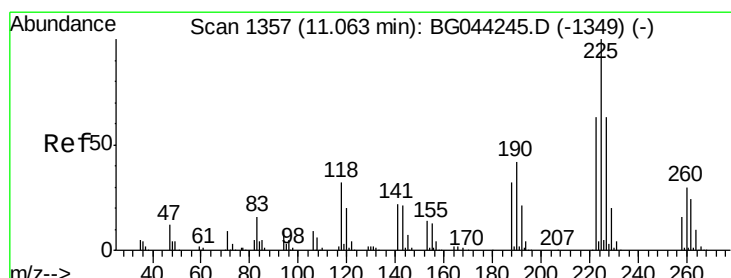
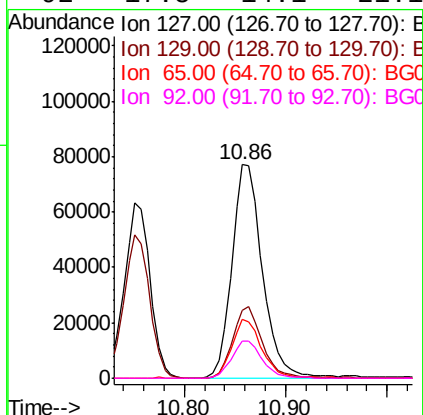
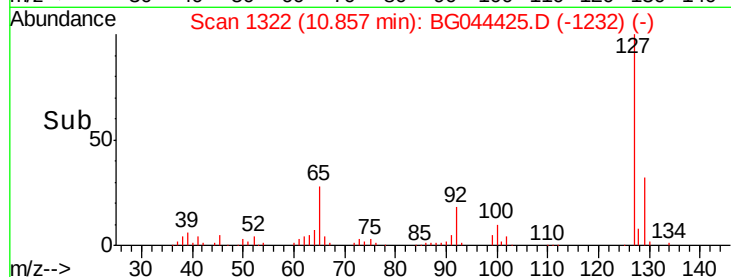
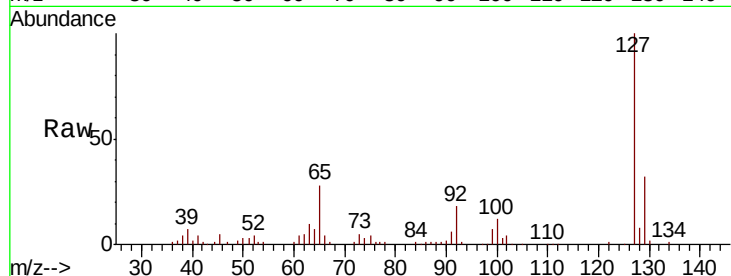




#33
4-Chloroaniline
Concen: 23.012 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

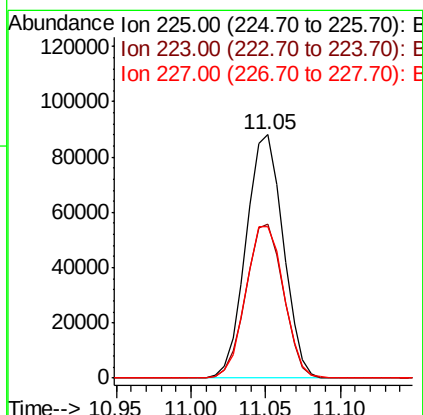
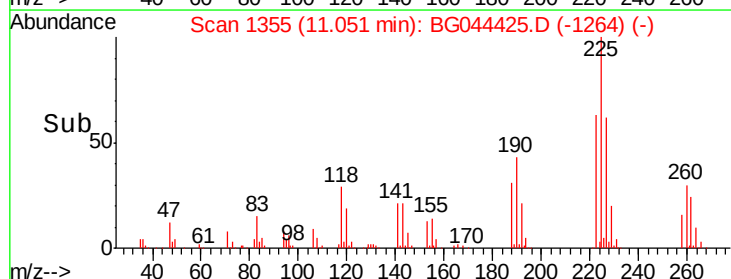
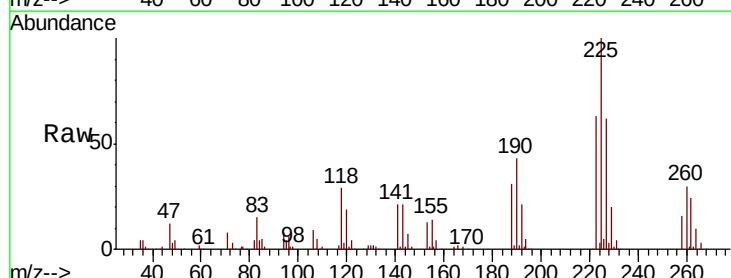
Instrument :
BNA_G
ClientSampled :

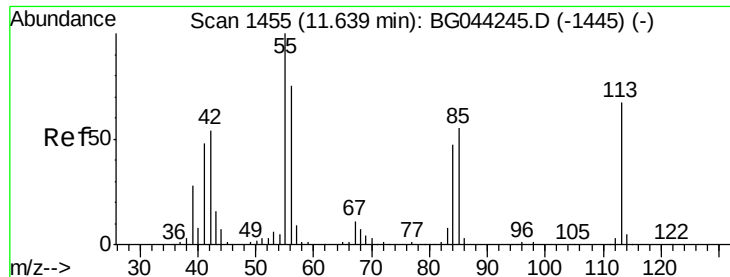
Tot Ion:	127	Resp:	161664
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	40.0
65	27.8	22.5	33.7
92	17.5	14.1	21.1



#34
Hexachlorobutadiene
Concen: 44.072 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion:	225	Resp:	151618
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	62.0	50.8	76.2

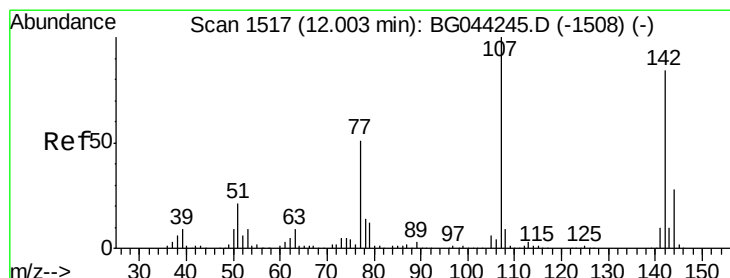
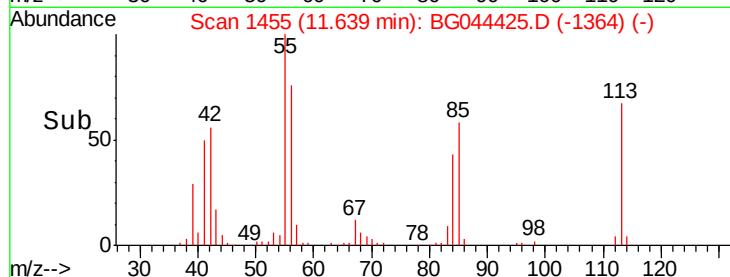
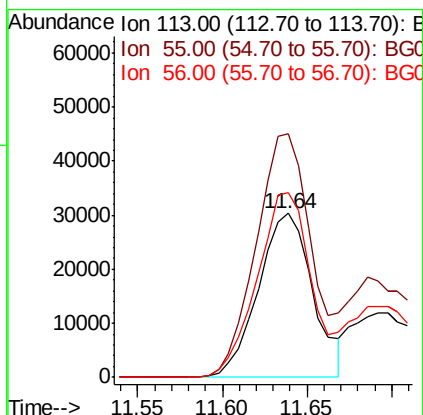
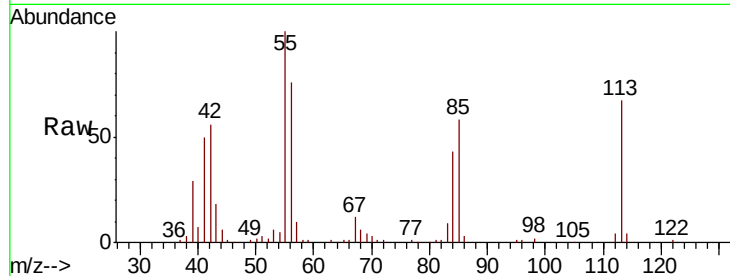




#35
 Caprolactam
 Concen: 37.758 ng
 RT: 11.64 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

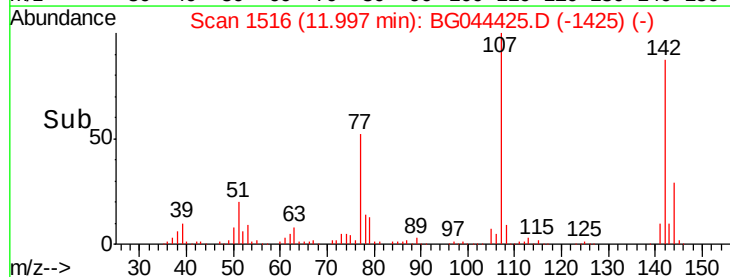
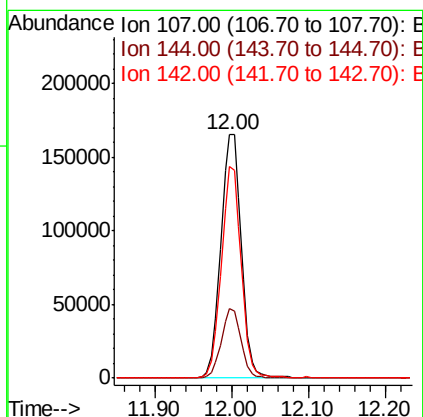
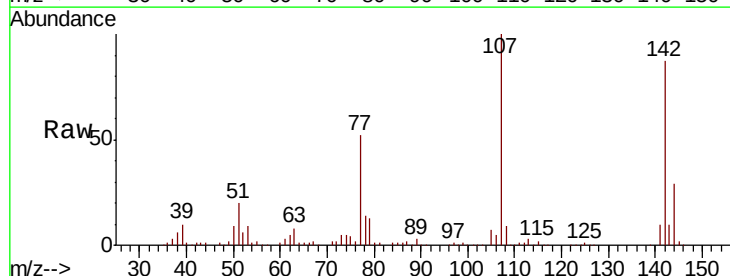
Instrument :
 BNA_G
 ClientSampleId :

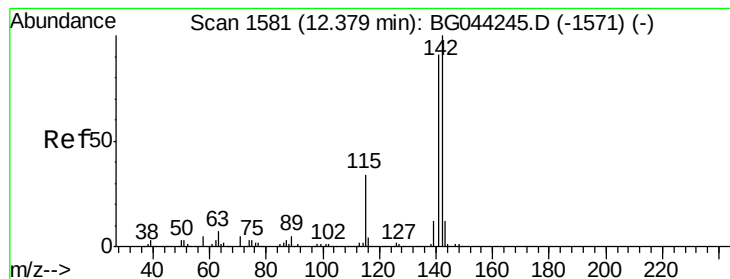
Tot Ion:113 Resp: 67442
 Ion Ratio Lower Upper
 113 100
 55 148.6 129.9 169.9
 56 112.8 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 59.999 ng
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Tgt Ion:107 Resp: 306724
 Ion Ratio Lower Upper
 107 100
 144 28.6 22.2 33.4
 142 87.1 67.4 101.0





#37

2-Methylnaphthalene

Concen: 52.961 ng

RT: 12.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

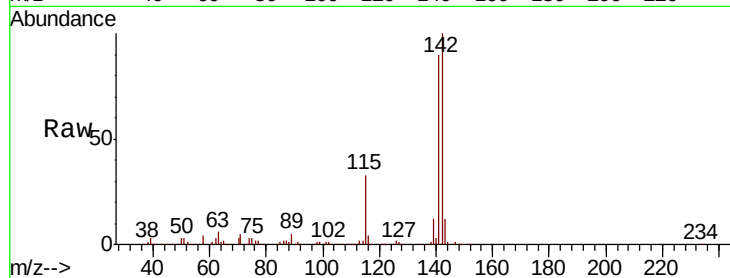
Tot Ion:142 Resp: 607394

Ion Ratio Lower Upper

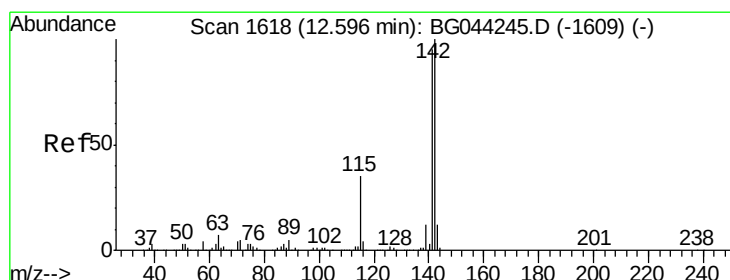
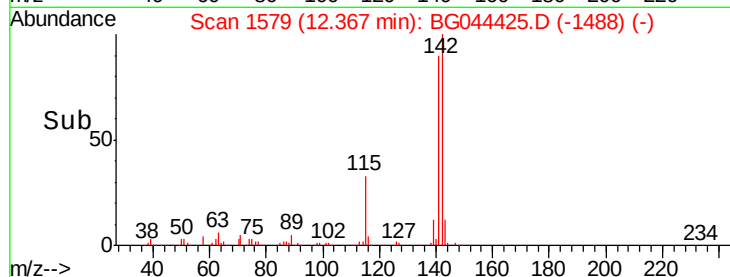
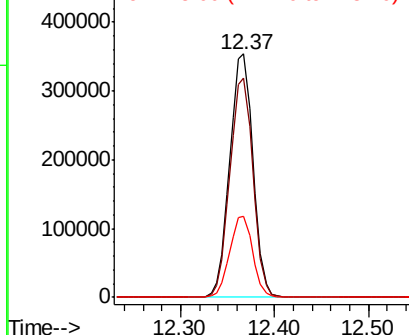
142 100

141 90.2 73.2 109.8

115 33.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 53.324 ng

RT: 12.58 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

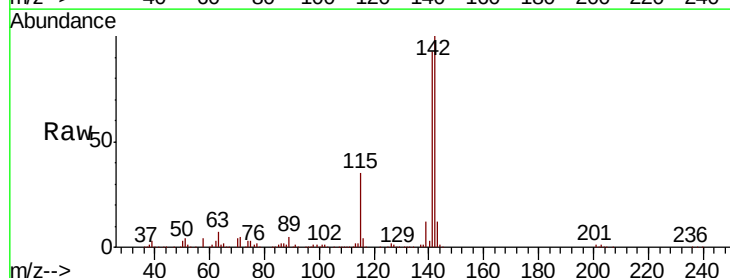
Tgt Ion:142 Resp: 576569

Ion Ratio Lower Upper

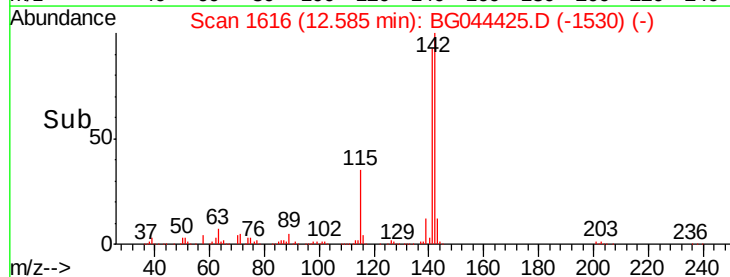
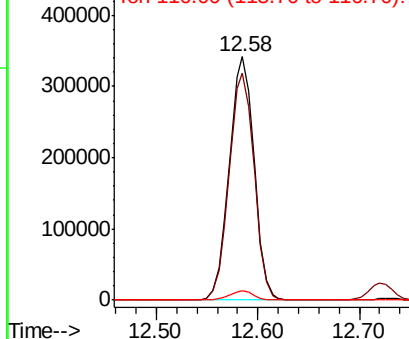
142 100

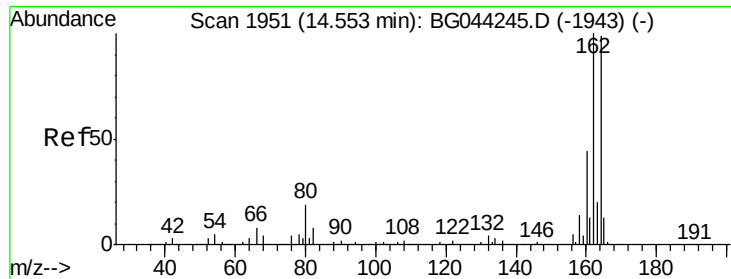
141 93.0 75.8 113.6

116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

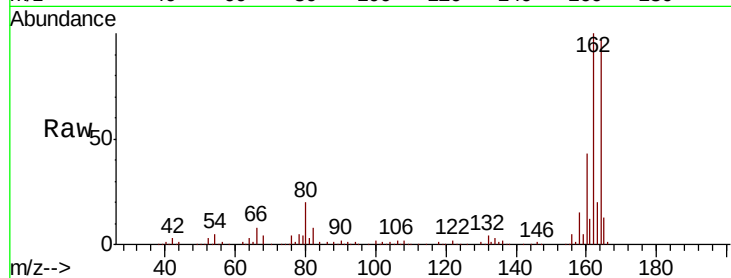
Tot Ion:164 Resp: 223769

Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

160 44.0 35.3 52.9

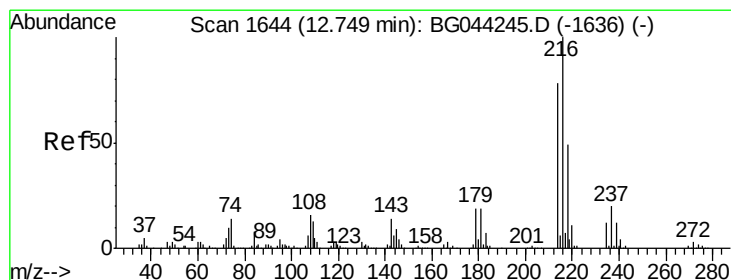
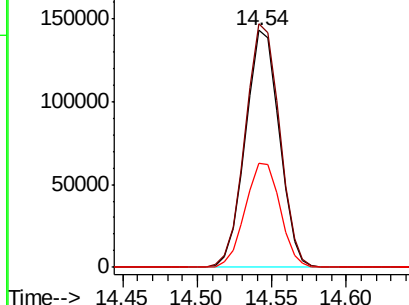
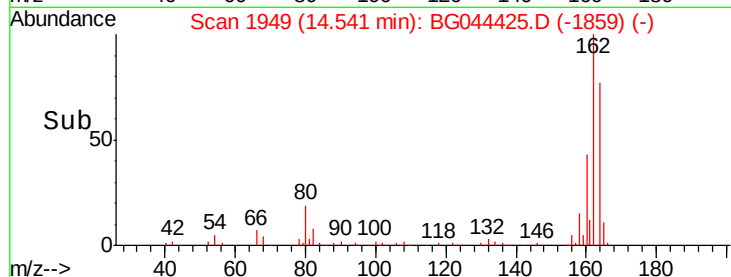


Abundance

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: 44.459 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Tgt Ion:216 Resp: 297597

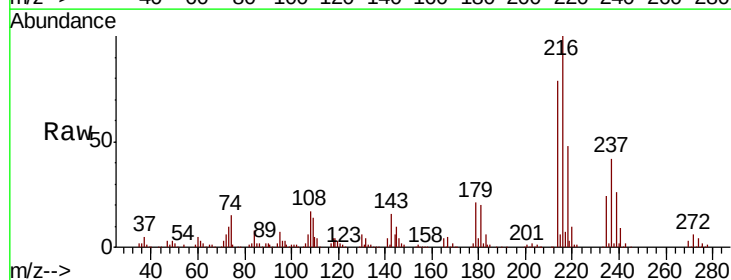
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.8 16.2 24.4

108 19.1 13.5 20.3



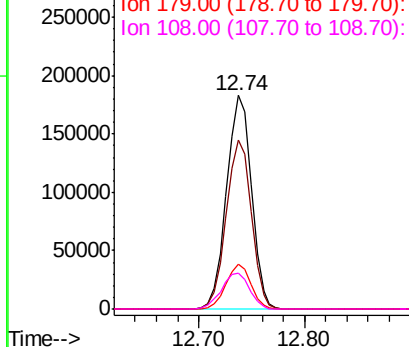
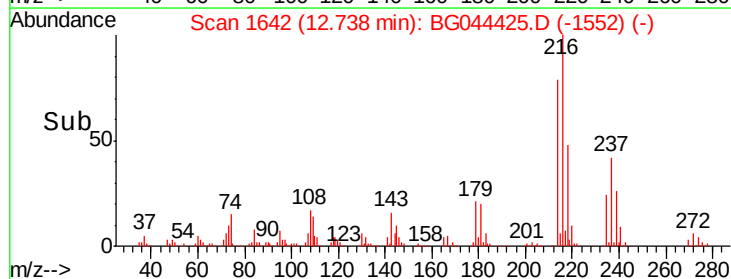
Abundance

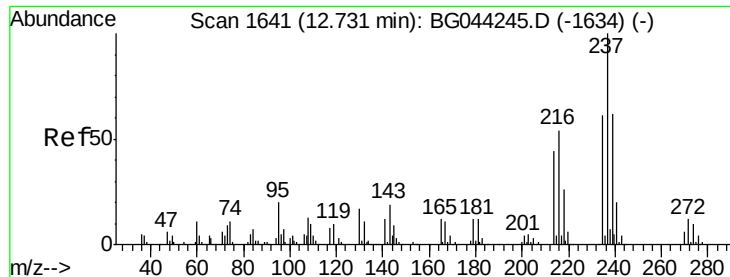
Ion 216.00 (215.70 to 216.70): E

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: 106.130 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampled :

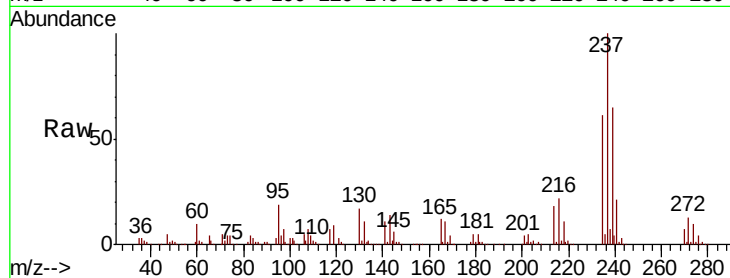
Tot Ion:237 Resp: 340870

Ion Ratio Lower Upper

237 100

235 60.7 41.2 81.2

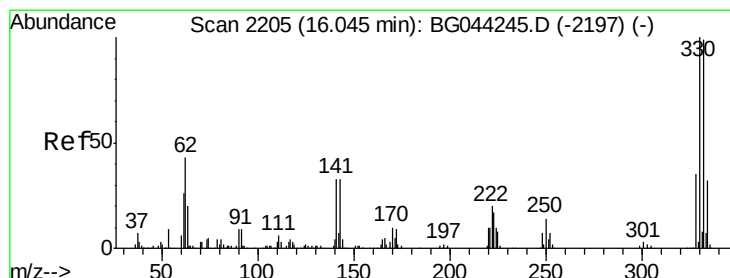
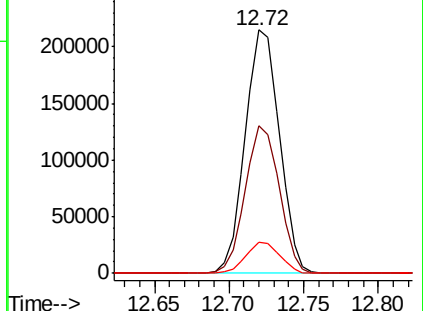
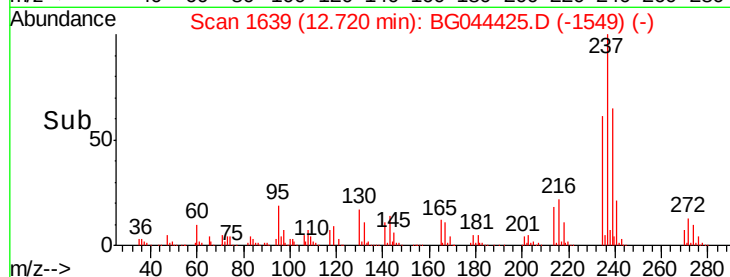
272 12.9 0.0 32.4



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: 66.991 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

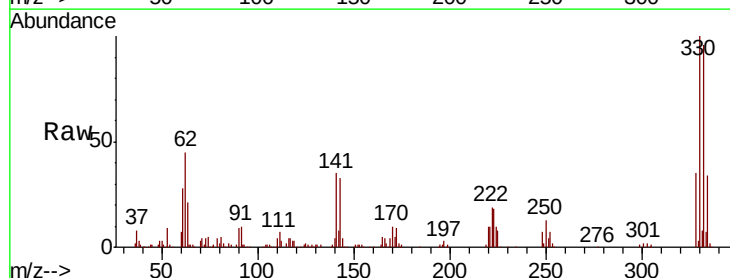
Tgt Ion:330 Resp: 175979

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

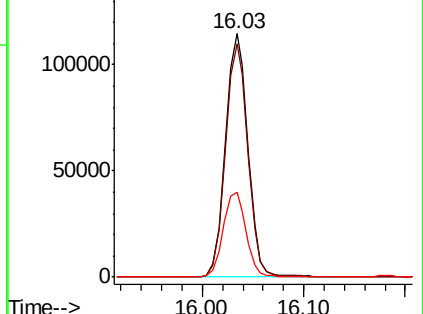
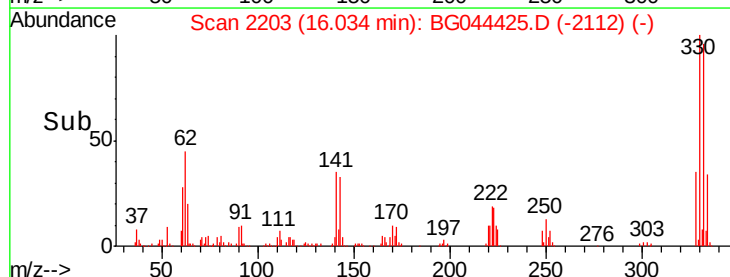
141 35.6 28.3 42.5

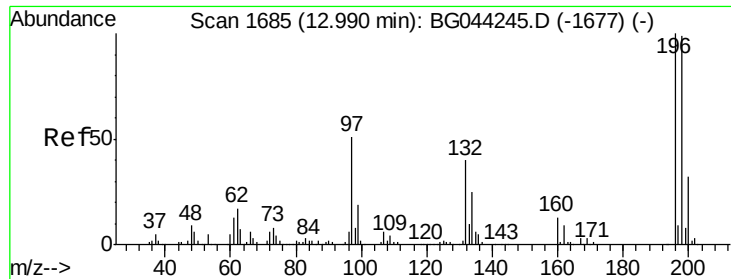


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

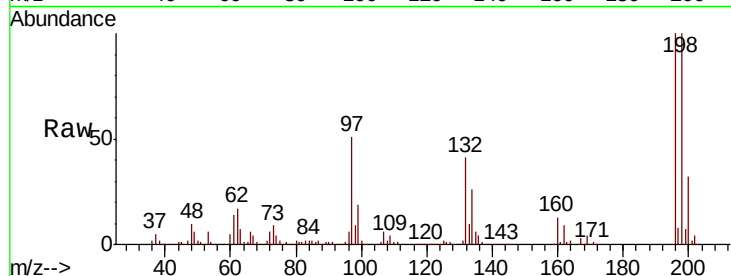




#43
 2,4,6-Trichlorophenol
 Concen: 53.151 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	229965
Ion Ratio	Lower	Upper	
196	100		
198	100.2	79.3	118.9
200	31.9	25.7	38.5

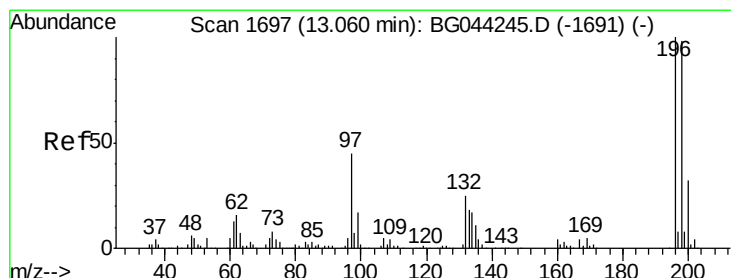
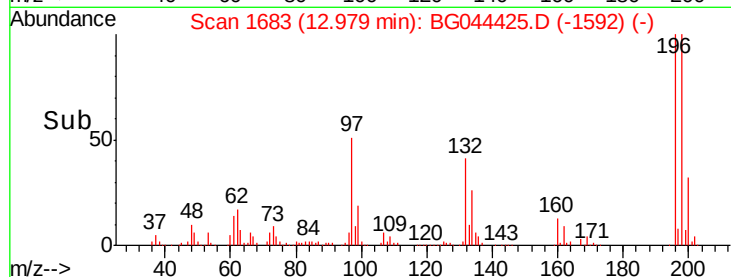
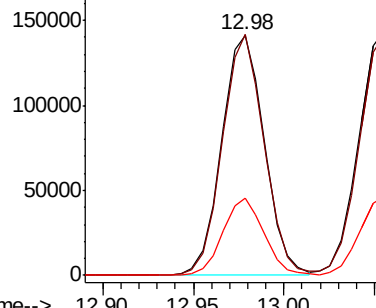


Abundance

Ion 196.00 (195.70 to 196.70): E

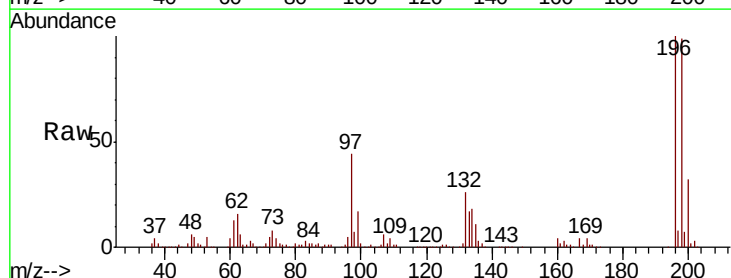
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 55.921 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Tgt Ion	196	Resp	247127
Ion Ratio	Lower	Upper	
196	100		
198	98.5	78.2	117.2
97	44.0	36.2	54.4
132	26.1	20.2	30.4



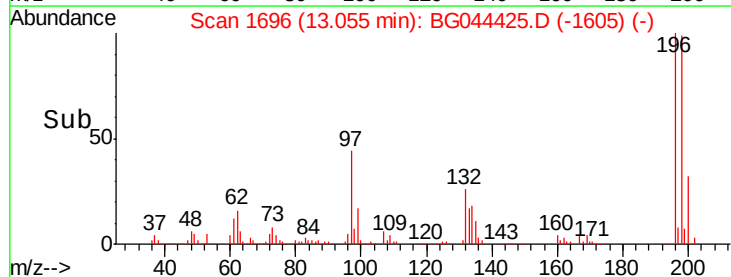
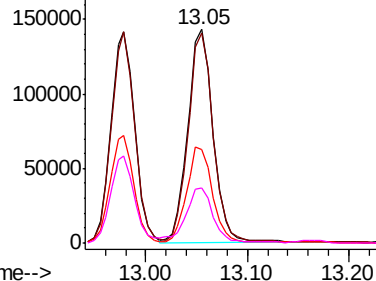
Abundance

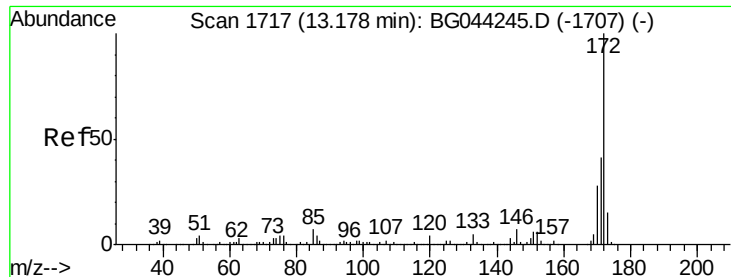
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

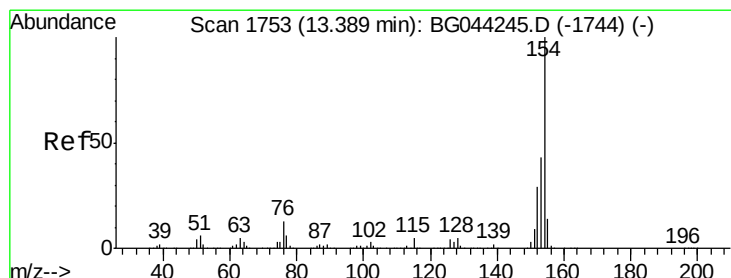
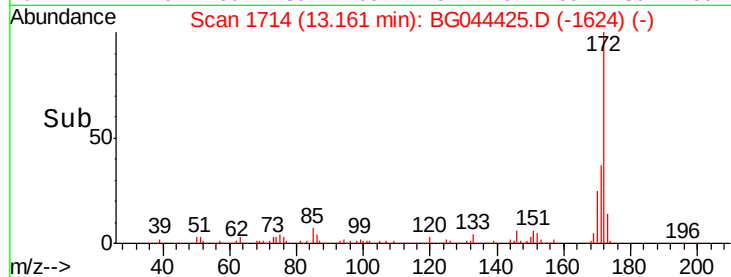
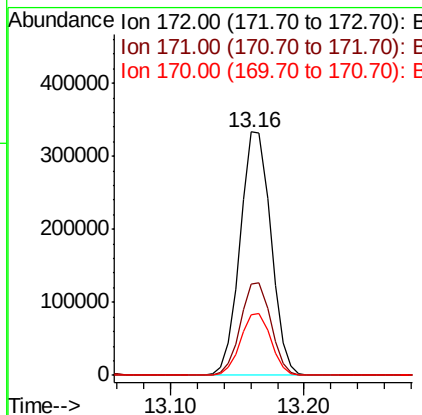
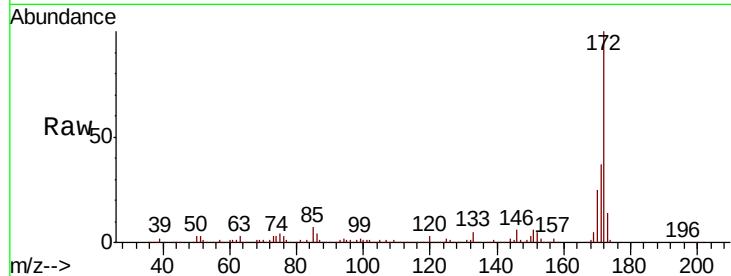




#45
 2-Fluorobiphenyl
 Concen: 39.731 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

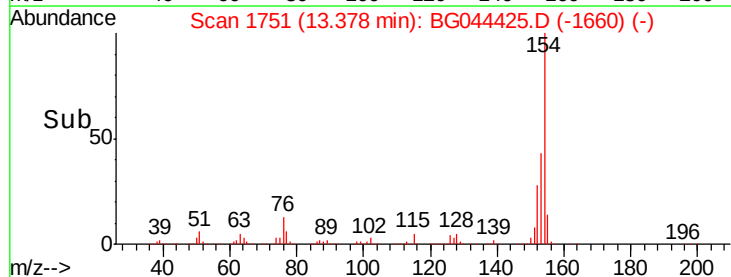
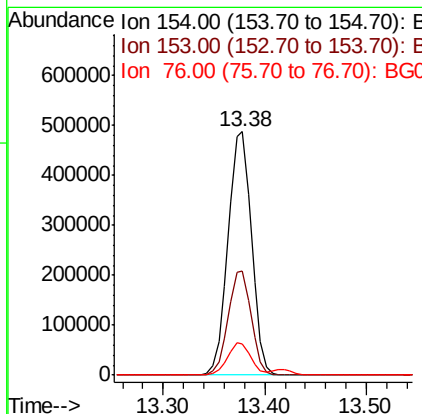
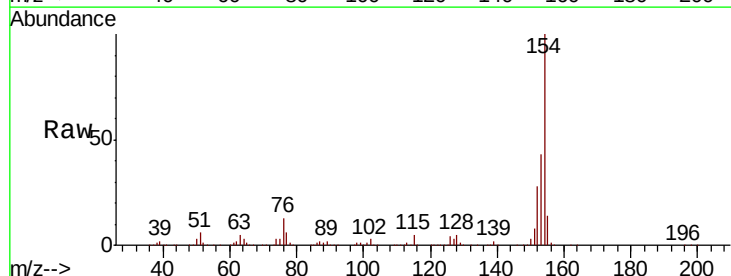
Instrument :
 BNA_G
 ClientSampleId :

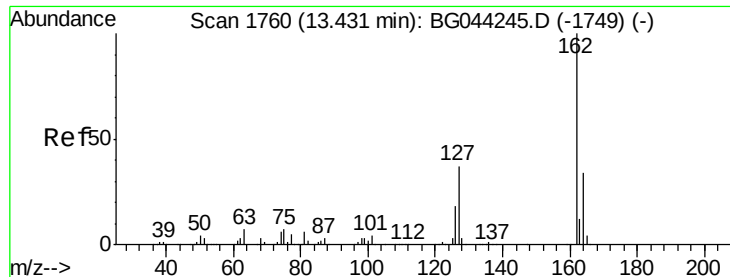
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.9	49.3
170	24.9	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 48.560 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.7	62.7
76	12.6	0.0	32.9





#47

2-Chloronaphthalene

Concen: 47.527 ng

RT: 13.42 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampled :

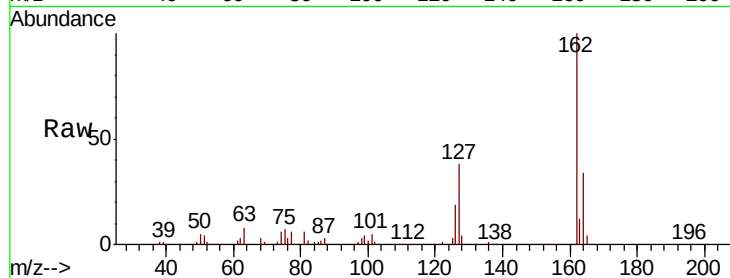
Tot Ion:162 Resp: 610435

Ion Ratio Lower Upper

162 100

127 37.6 30.0 45.0

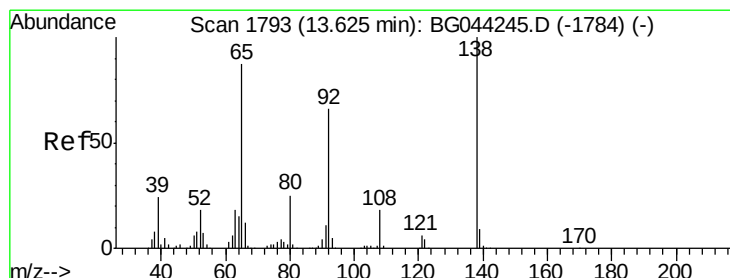
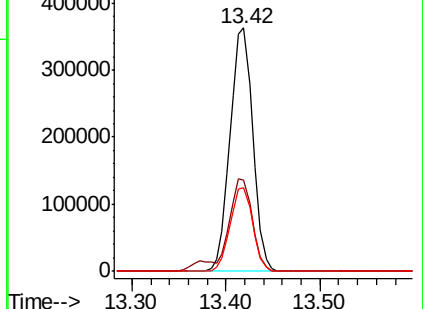
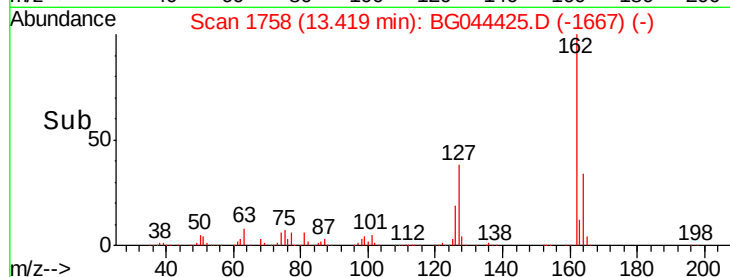
164 34.3 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 50.360 ng

RT: 13.62 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

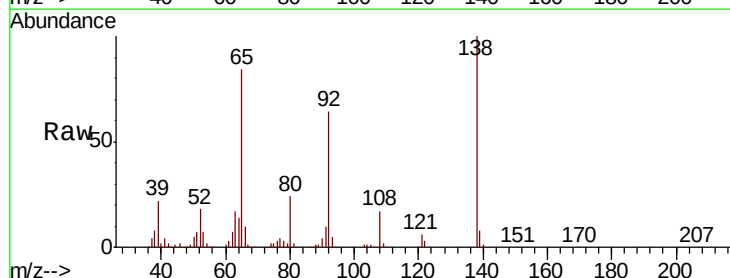
Tgt Ion: 65 Resp: 190890

Ion Ratio Lower Upper

65 100

92 75.6 60.3 90.5

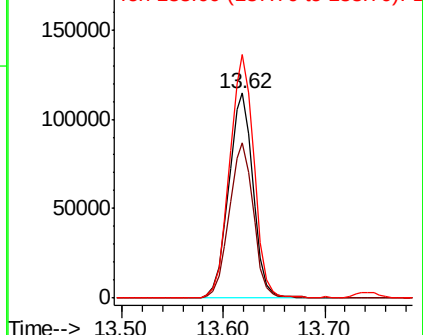
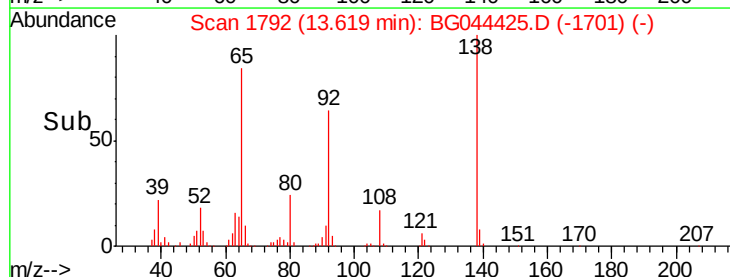
138 118.7 91.9 137.9

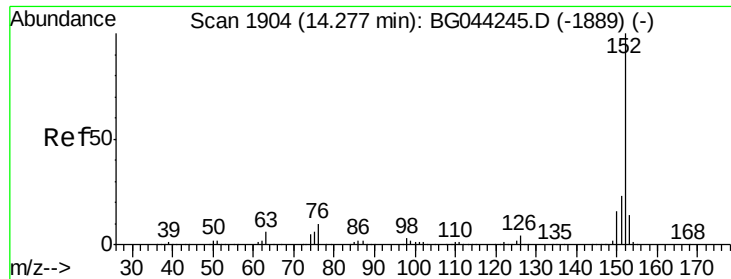


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.737 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

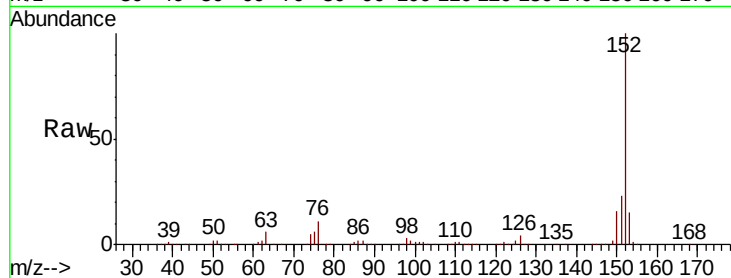
Tot Ion:152 Resp: 974661

Ion Ratio Lower Upper

152 100

151 23.1 18.1 27.1

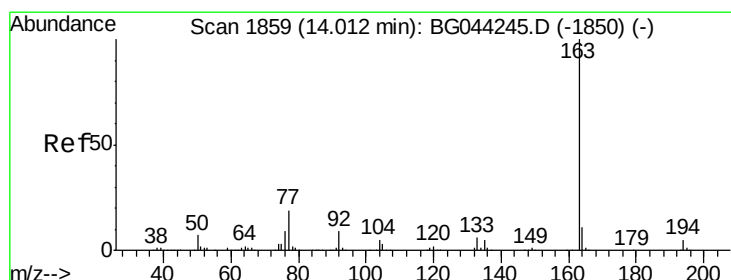
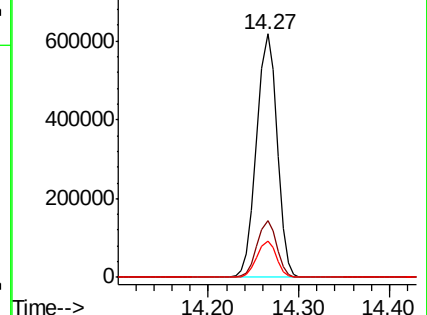
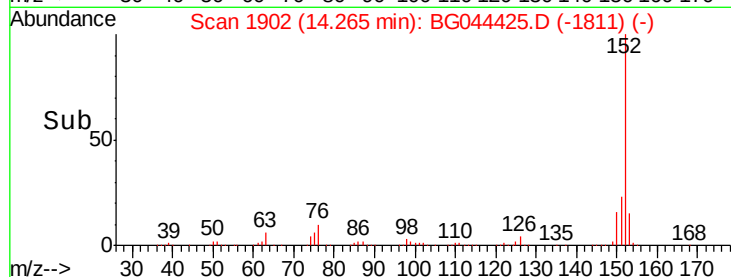
153 15.0 11.5 17.3



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: 52.429 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

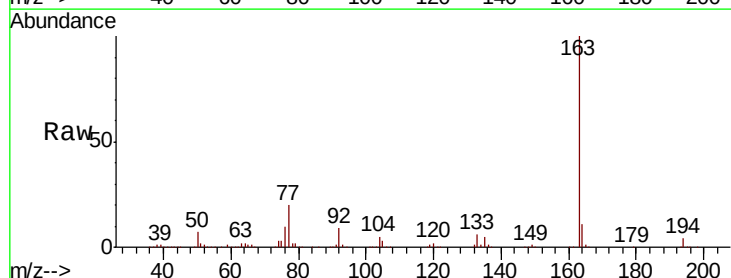
Tgt Ion:163 Resp: 843336

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

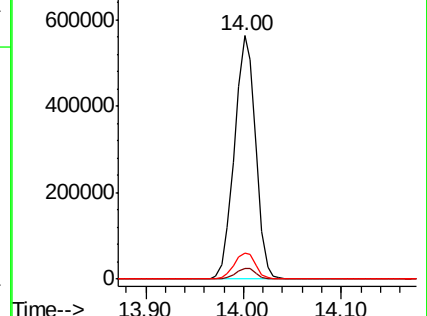
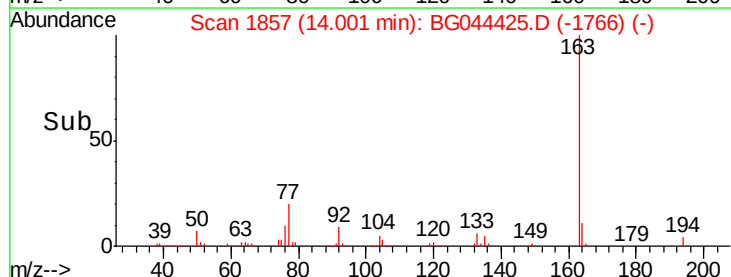
164 10.9 8.7 13.1

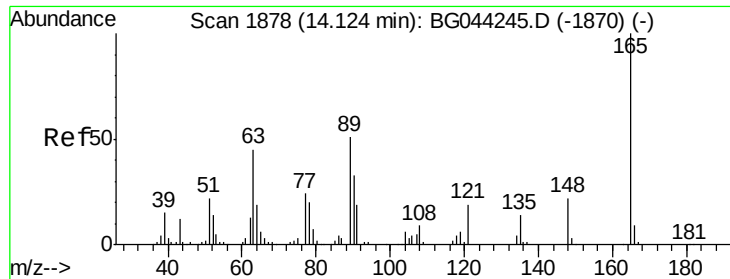


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.393 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

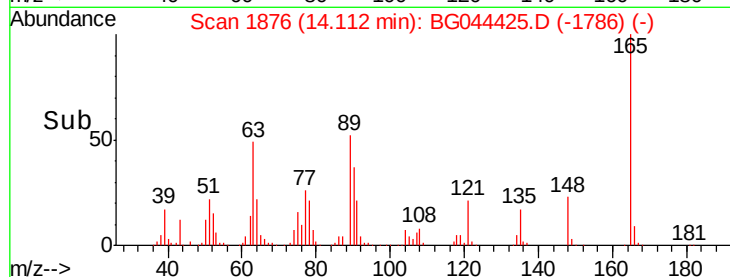
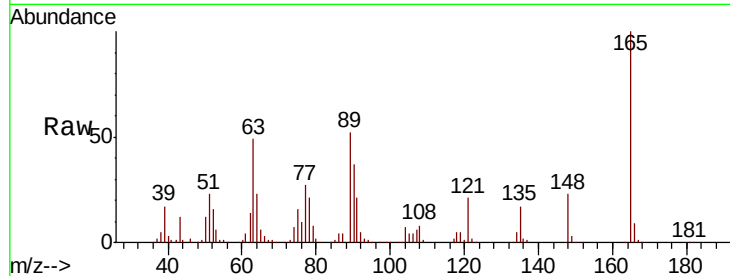
Tot Ion:165 Resp: 187906

Ion Ratio Lower Upper

165 100

63 49.0 38.7 58.1

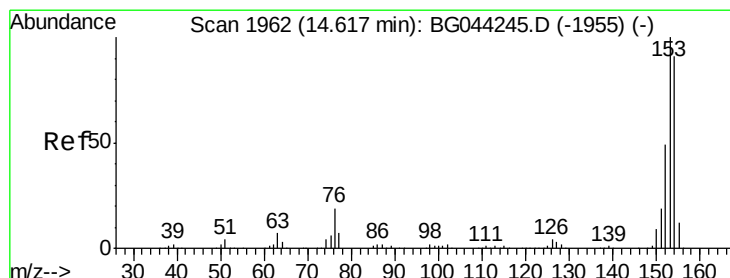
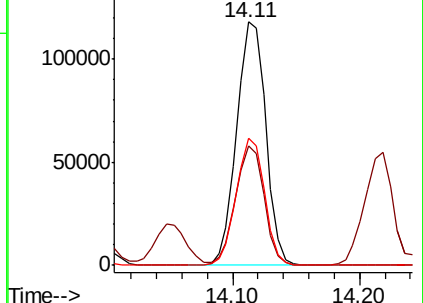
89 52.5 40.4 60.6



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



#52

Acenaphthene

Concen: 49.864 ng

RT: 14.61 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

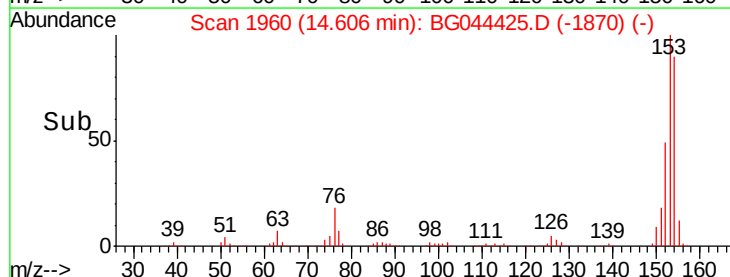
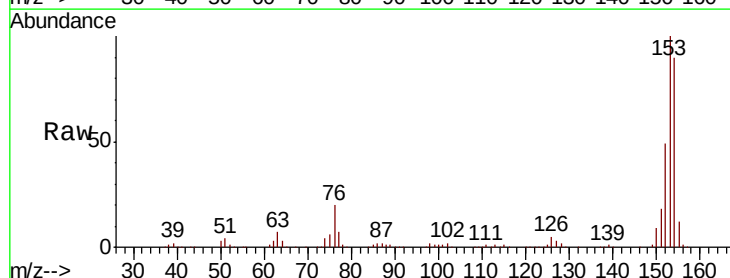
Tgt Ion:154 Resp: 608878

Ion Ratio Lower Upper

154 100

153 110.8 87.9 131.9

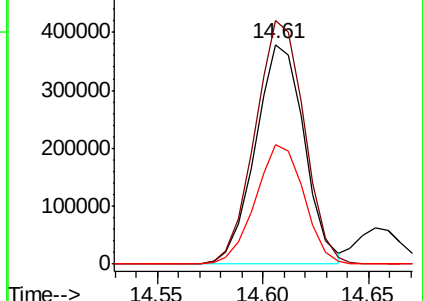
152 54.5 43.1 64.7

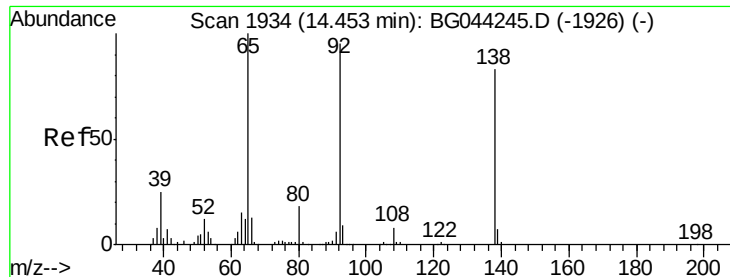


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.856 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

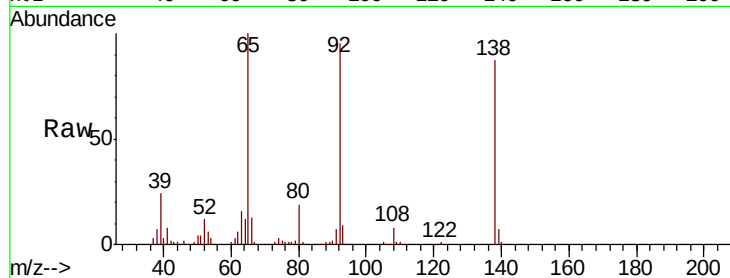
Tot Ion:138 Resp: 114498

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

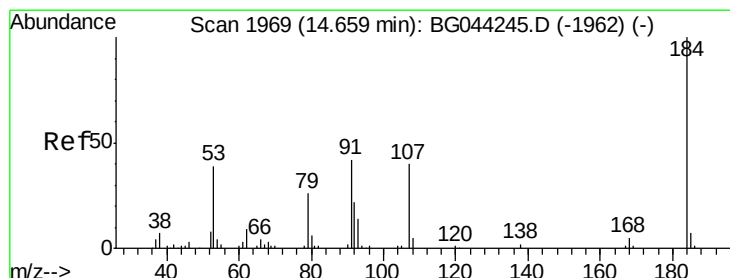
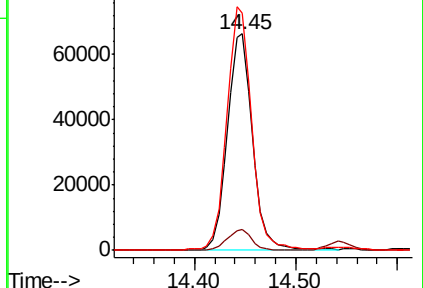
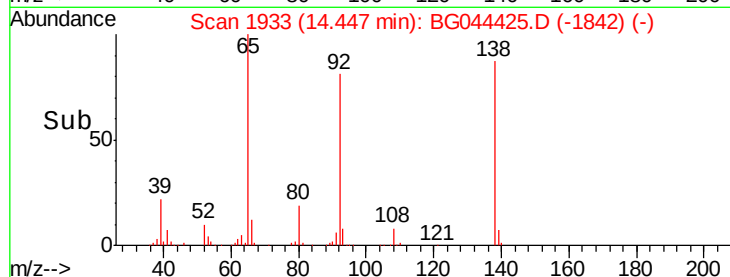
92 109.6 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 84.293 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

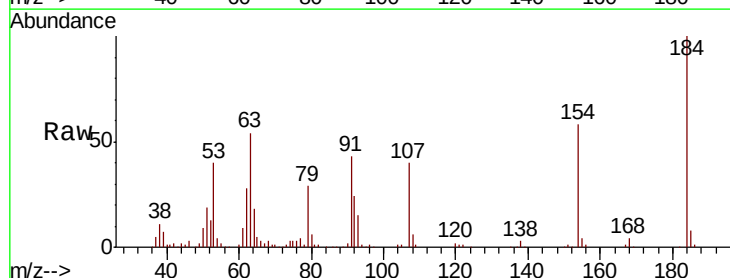
Tgt Ion:184 Resp: 180095

Ion Ratio Lower Upper

184 100

63 53.8 44.1 66.1

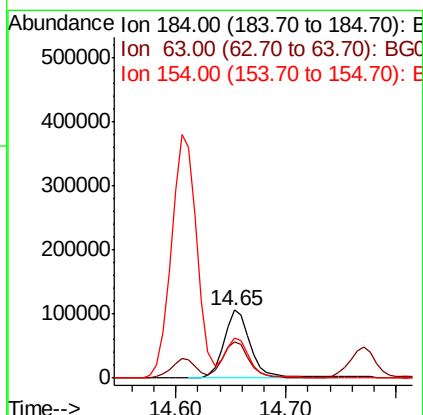
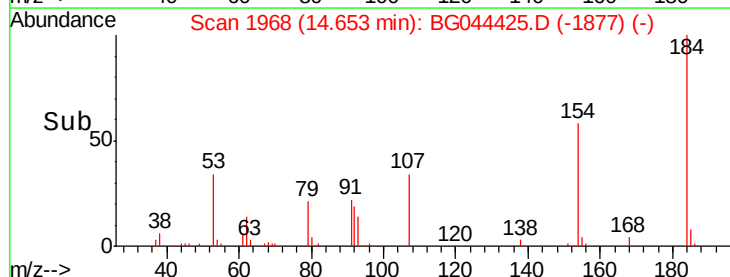
154 58.2 45.4 68.0

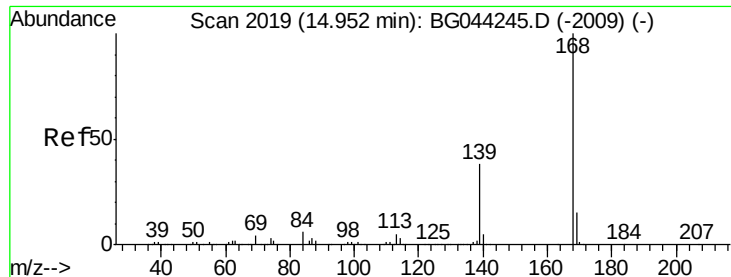


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

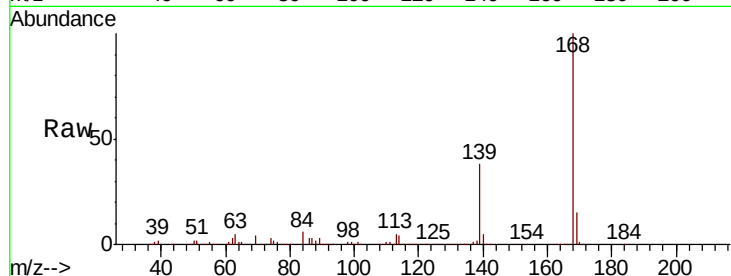




#55
Dibenzenofuran
Concen: 51.124 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.5	45.7
169	14.6	11.7	17.5

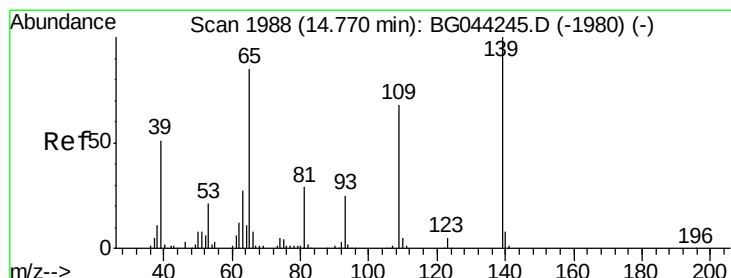
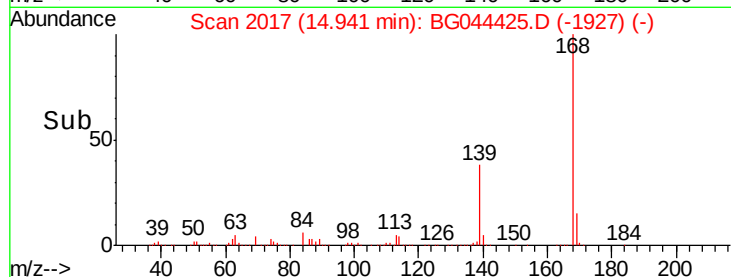
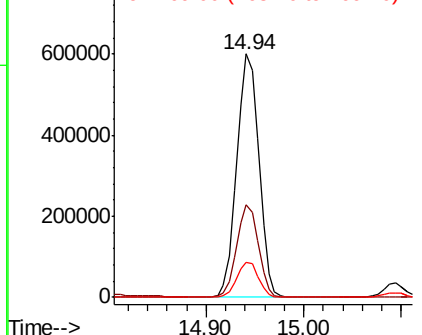


Abundance

Ion 168.00 (167.70 to 168.70): E

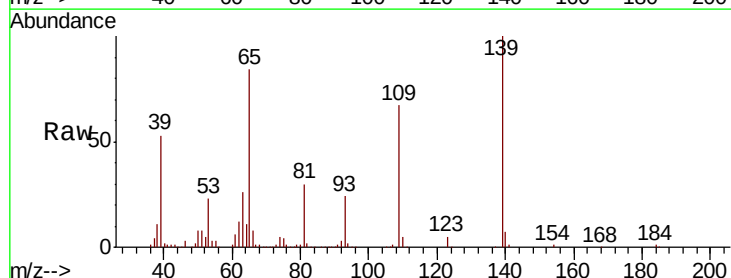
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 110.433 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	47.5	87.5
65	84.0	64.9	104.9

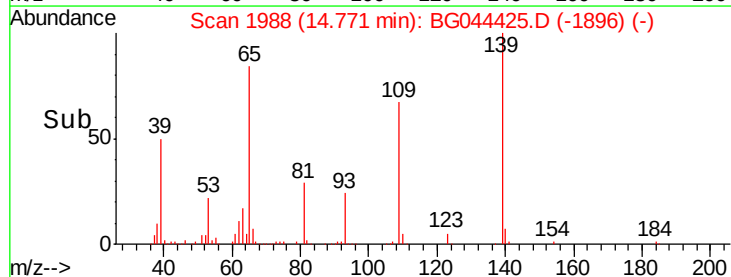
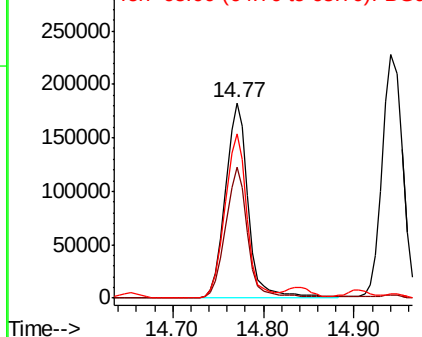


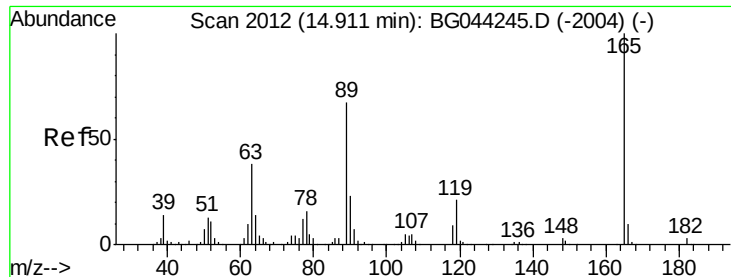
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

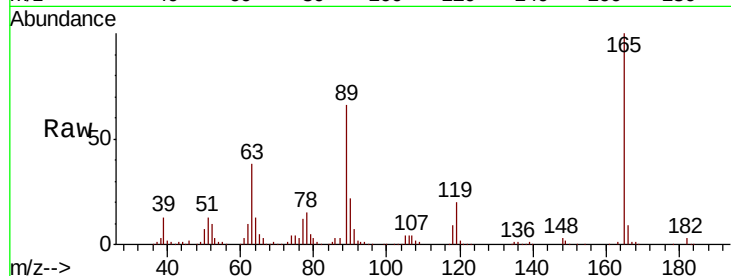




#57
2,4-Dinitrotoluene
Concen: 52.180 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044245.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	30.3	45.5
89	65.7	53.4	80.2
182	2.5	2.1	3.1



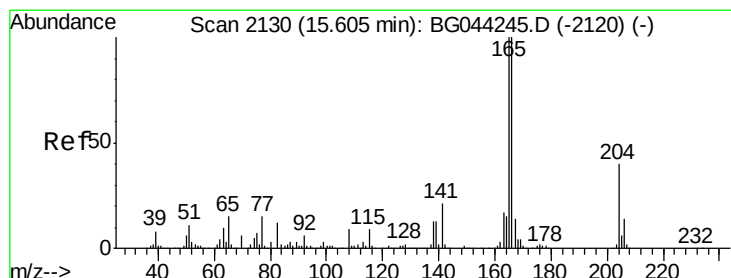
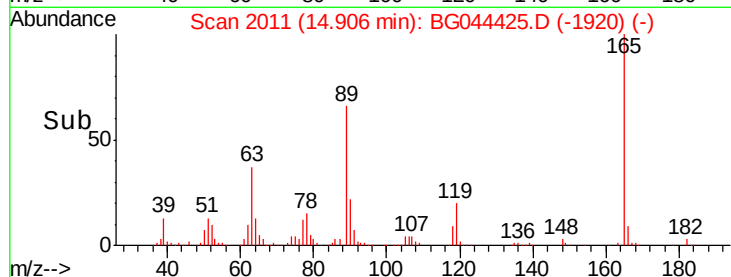
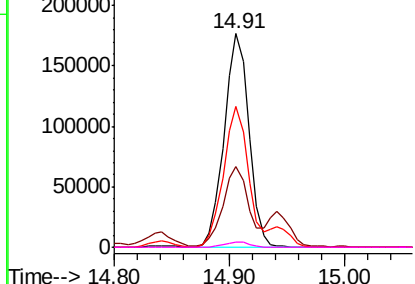
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

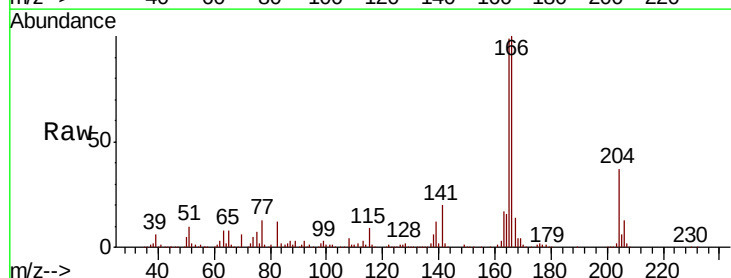
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.473 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044245.D
Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.9	119.9
167	14.4	11.4	17.0

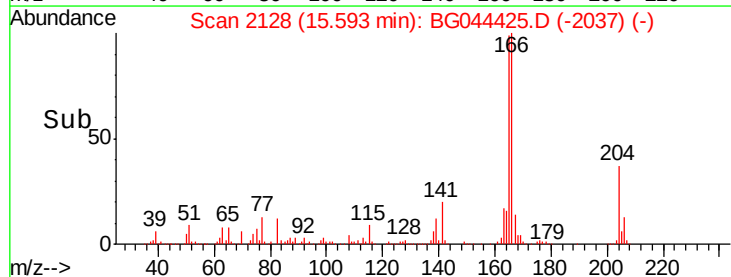
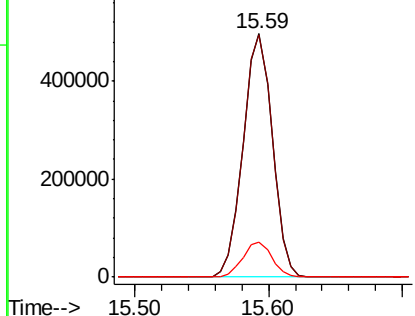


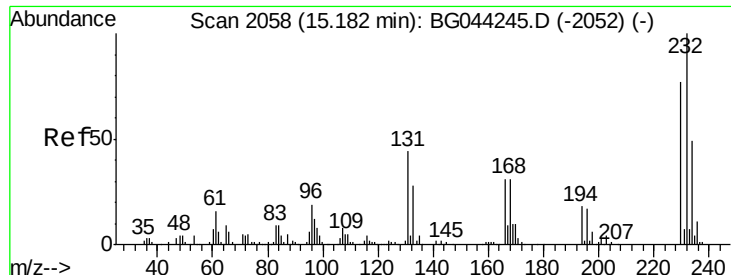
Abundance

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

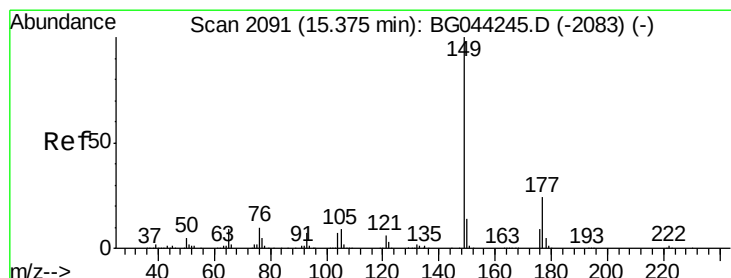
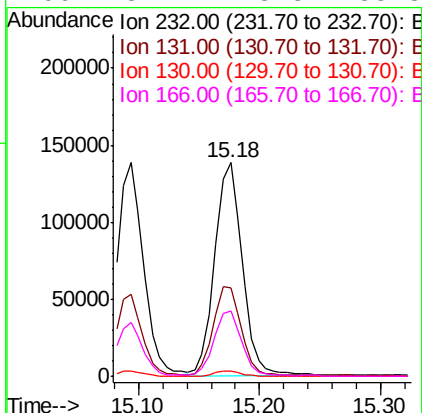
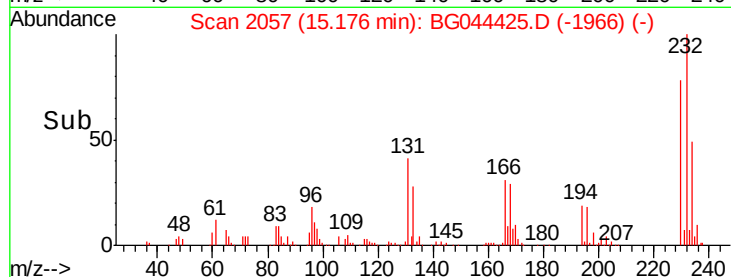
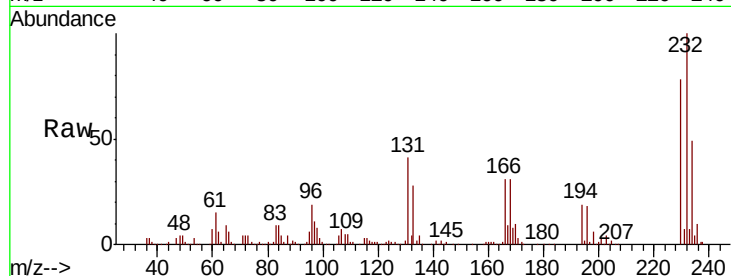




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.353 ng
 RT: 15.18 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

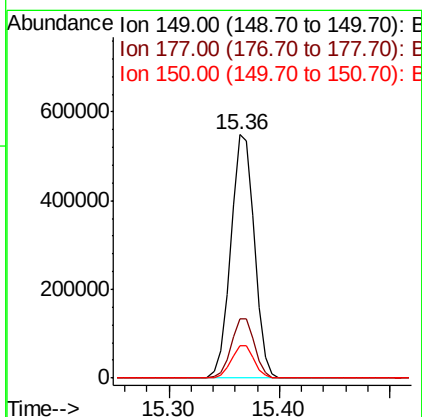
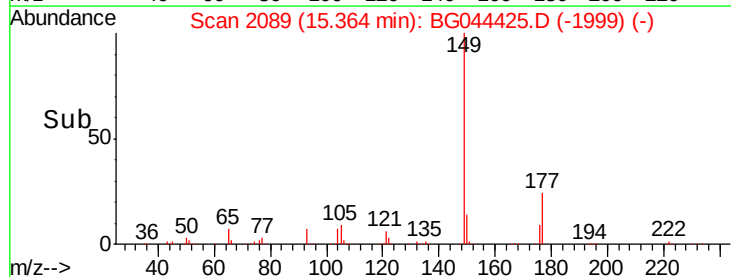
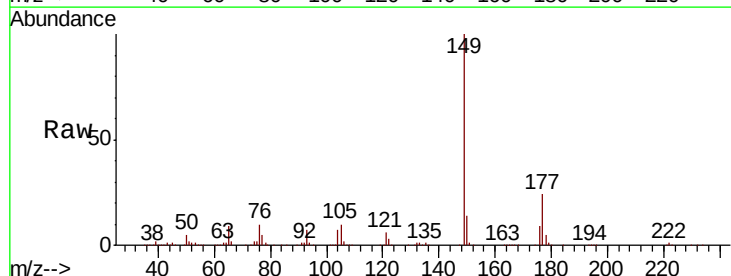
Instrument :
 BNA_G
 ClientSampleId :

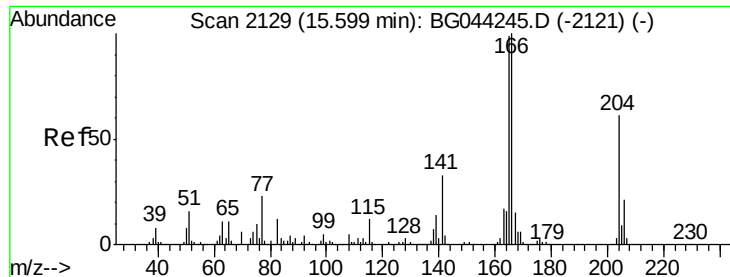
Tot Ion:	232	Resp:	216960
Ion Ratio	Lower	Upper	
232	100		
131	42.4	34.2	51.4
130	2.5	1.8	2.8
166	31.1	23.8	35.8



#60
 Diethylphthalate
 Concen: 51.242 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Tgt Ion:	149	Resp:	821281
Ion Ratio	Lower	Upper	
149	100		
177	24.2	19.4	29.0
150	13.5	10.9	16.3

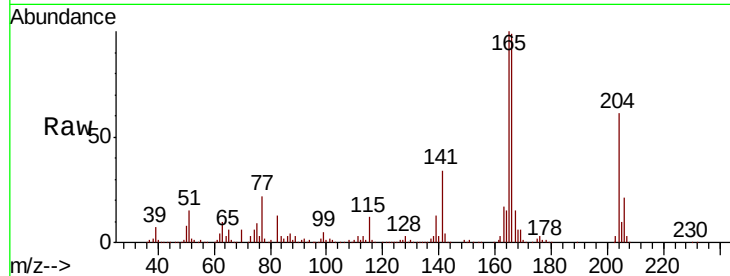




#61
4-Chlorophenyl-phenylether
Concen: 49.940 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.6	41.4
141	55.3	43.4	65.0

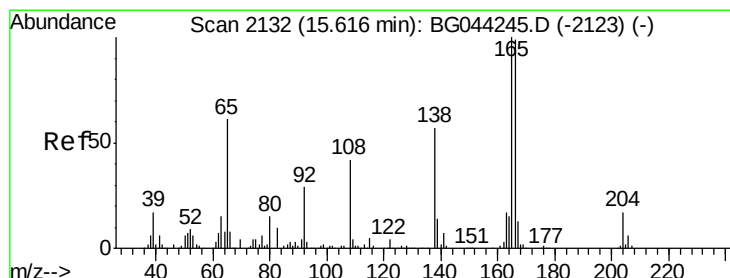
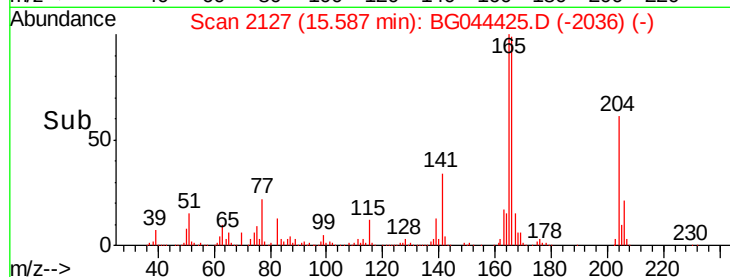
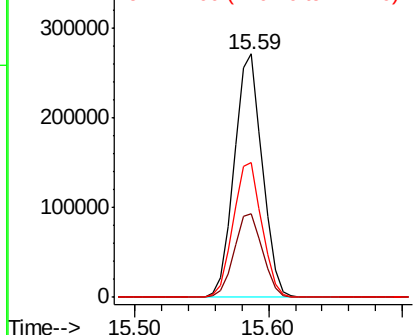


Abundance

Ion 204.00 (203.70 to 204.70): E

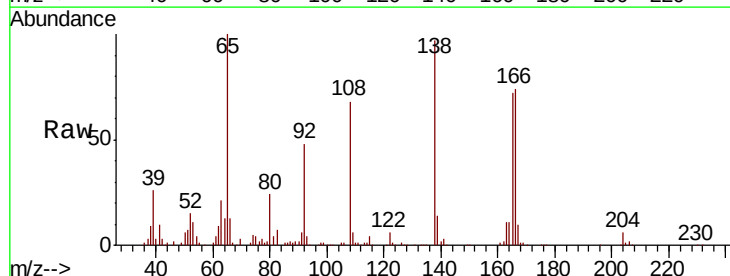
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.998 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.3	71.3
108	70.1	52.6	92.6

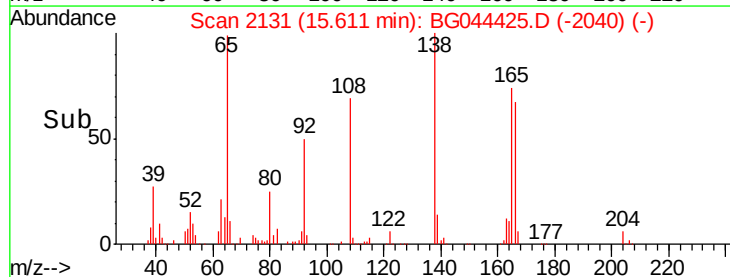
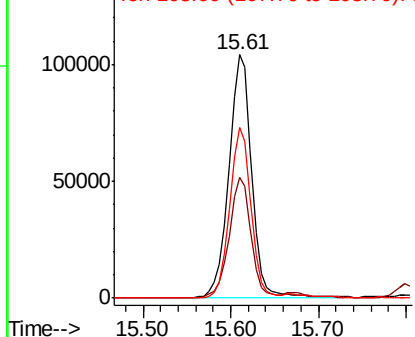


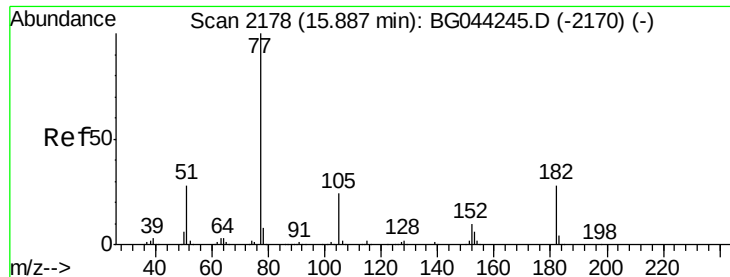
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 52.380 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 735789

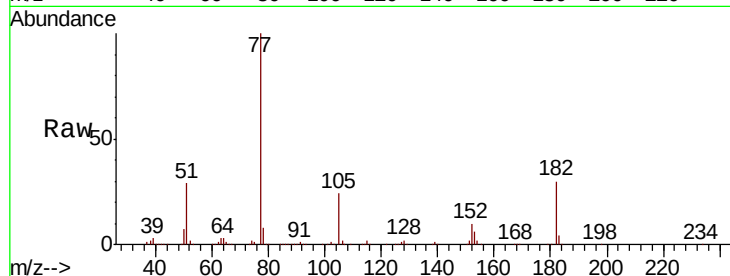
Ion Ratio Lower Upper

77 100

182 30.2 8.2 48.2

105 24.1 3.6 43.6

51 28.5 8.3 48.3

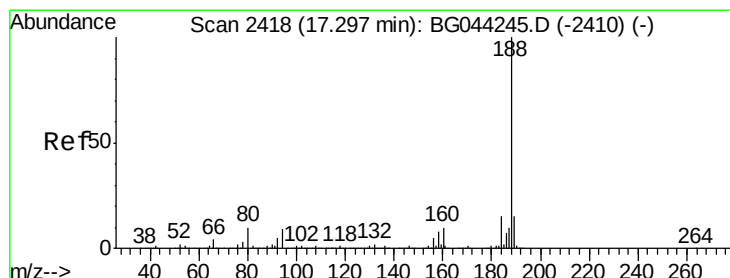
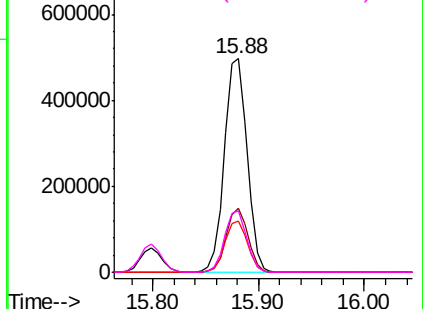
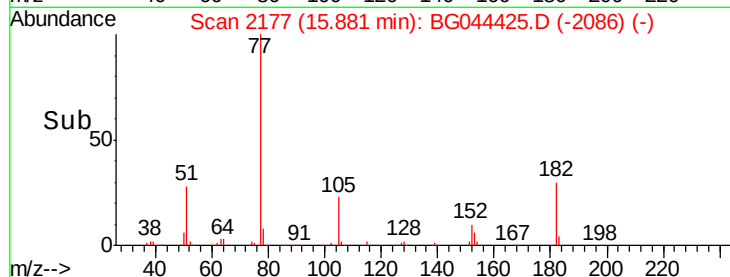


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2417

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

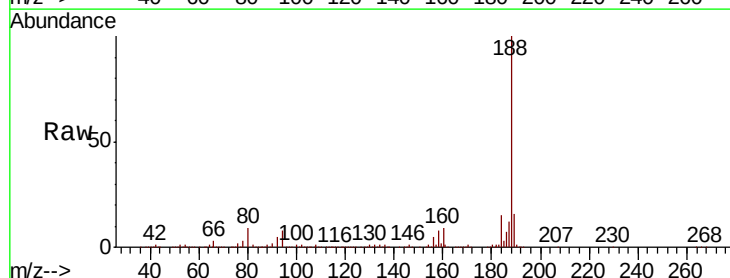
Tgt Ion: 188 Resp: 487220

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

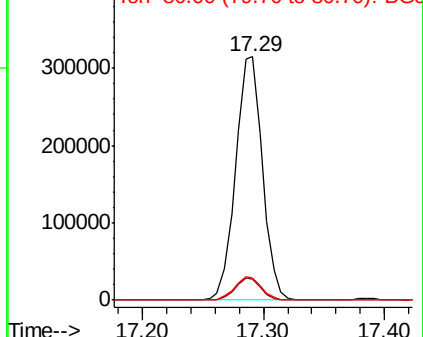
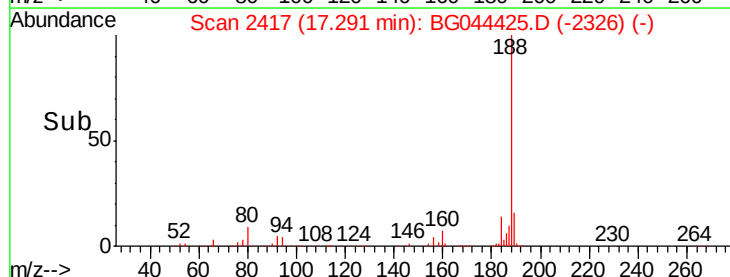
80 9.3 7.7 11.5

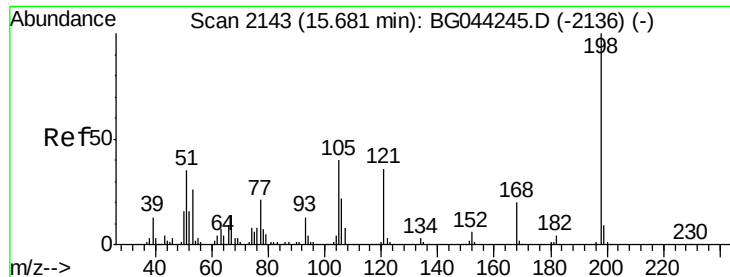


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 54.422 ng

RT: 15.68 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

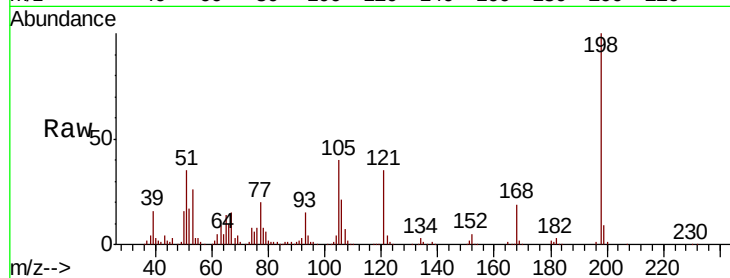
Tot Ion:198 Resp: 146366

Ion	Ratio	Lower	Upper
198	100		
51	35.2	16.6	56.6
105	39.6	20.6	60.6

198 100

51 35.2 16.6 56.6

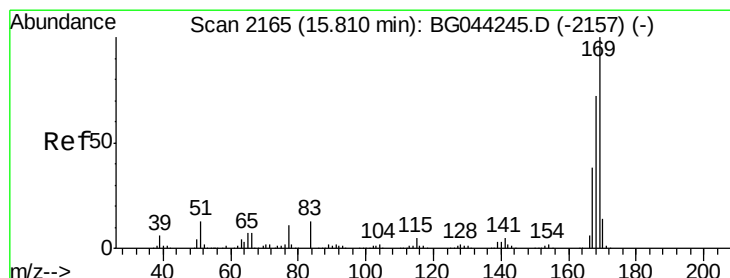
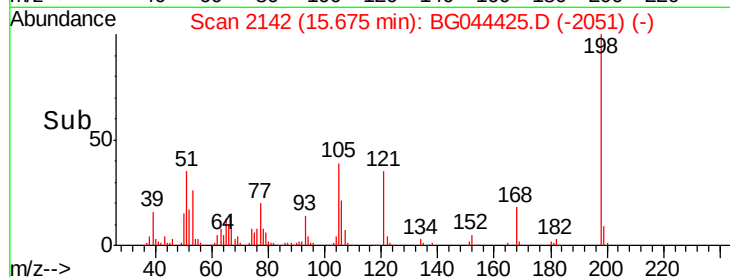
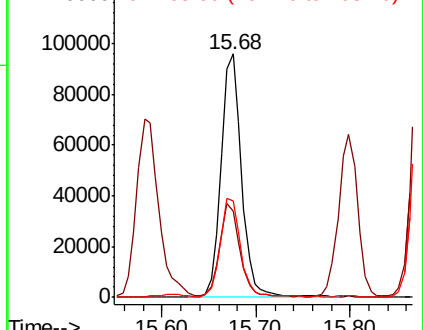
105 39.6 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.629 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

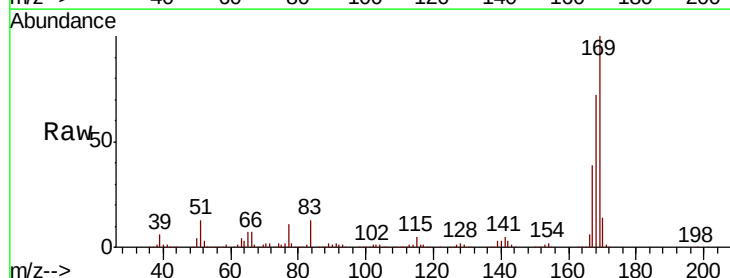
Tgt Ion:169 Resp: 718603

Ion	Ratio	Lower	Upper
169	100		
168	72.1	57.9	86.9
167	38.5	30.7	46.1

169 100

168 72.1 57.9 86.9

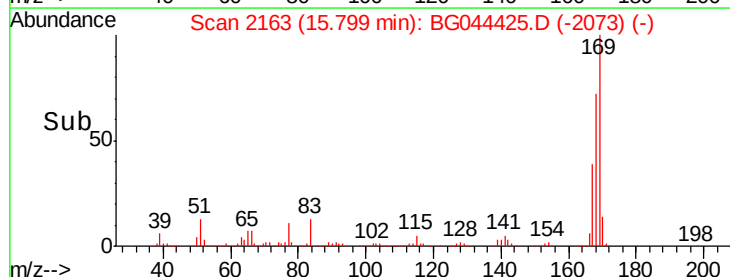
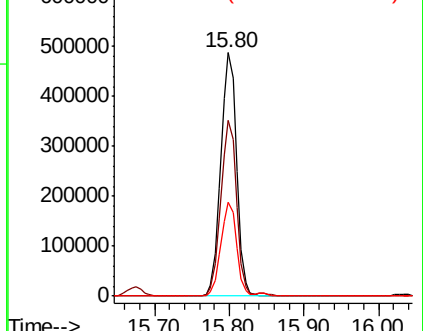
167 38.5 30.7 46.1

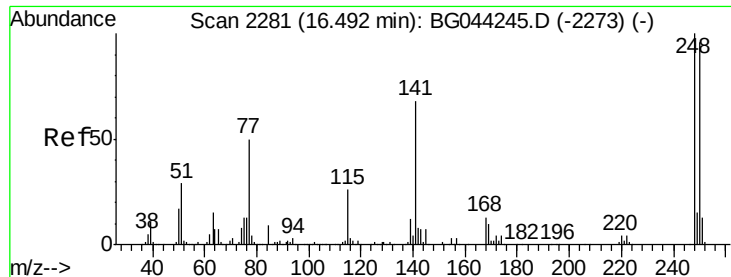


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

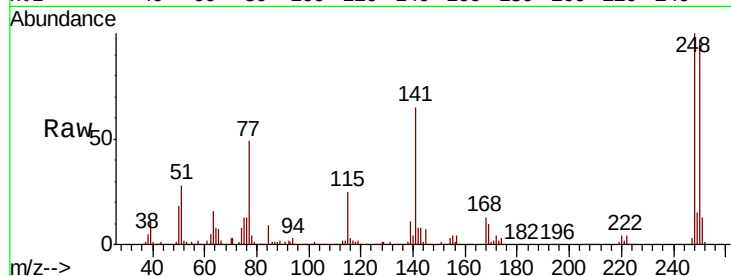




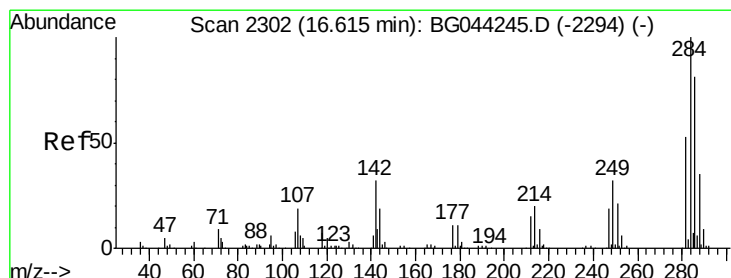
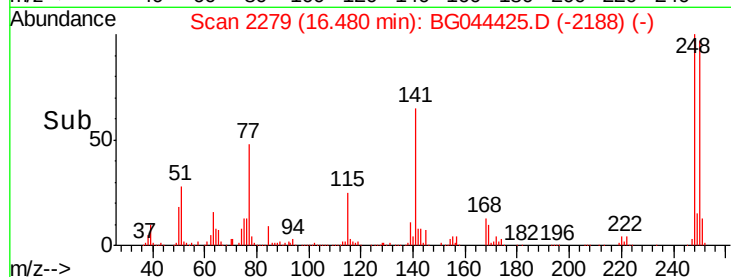
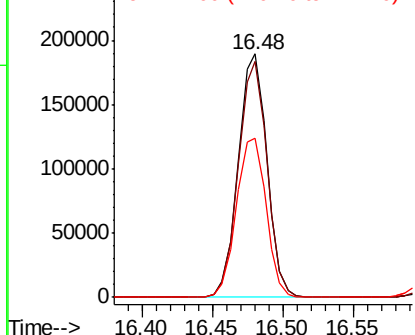
#67
 4-Bromophenyl-phenylether
 Concen: 50.597 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 268577
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.6 114.8
 141 65.4 54.7 82.1

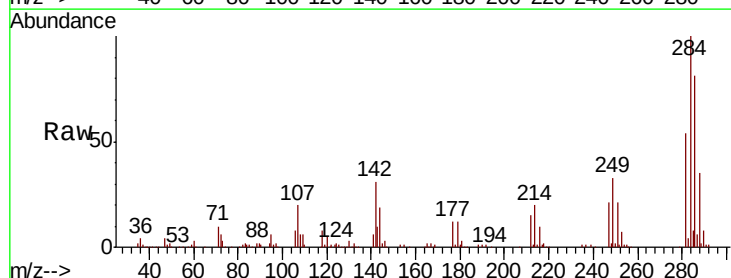


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

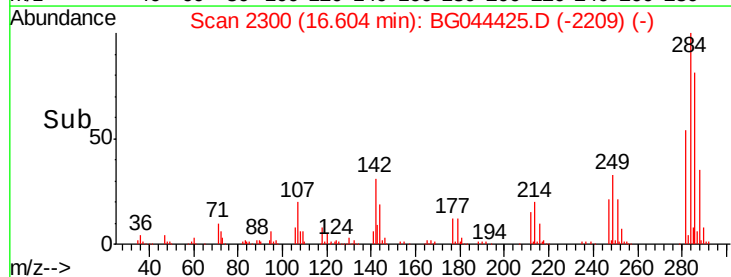
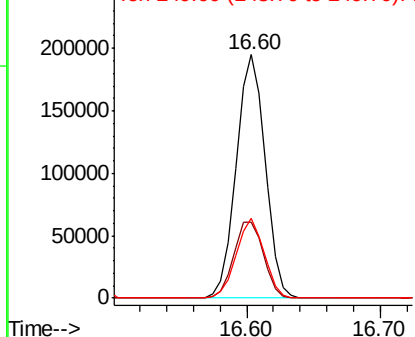


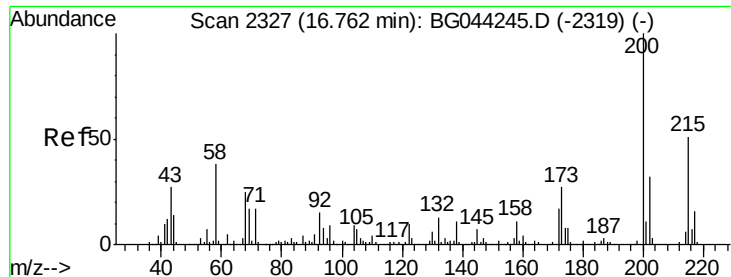
#68
 Hexachlorobenzene
 Concen: 48.971 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044425.D
 Acq: 13 Feb 2020 19:58

Tgt Ion:284 Resp: 291228
 Ion Ratio Lower Upper
 284 100
 142 31.2 25.3 37.9
 249 32.9 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: 57.324 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampled :

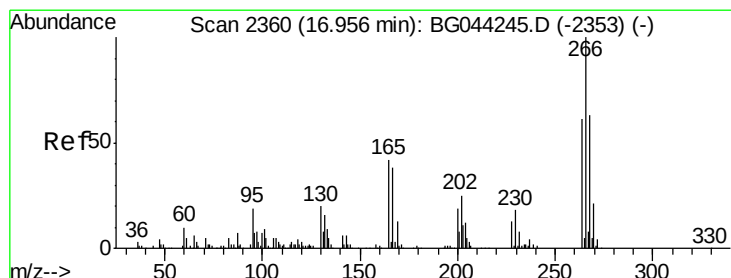
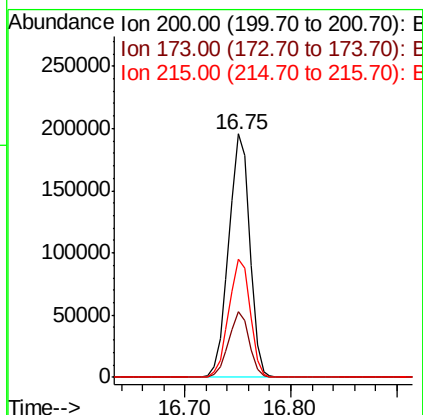
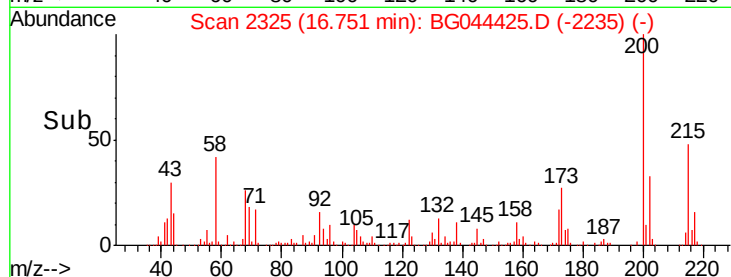
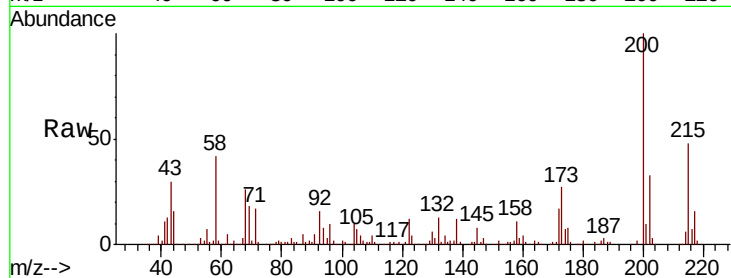
Tot Ion:200 Resp: 268276

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 48.3 31.0 71.0



#70

Pentachlorophenol

Concen: 97.020 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

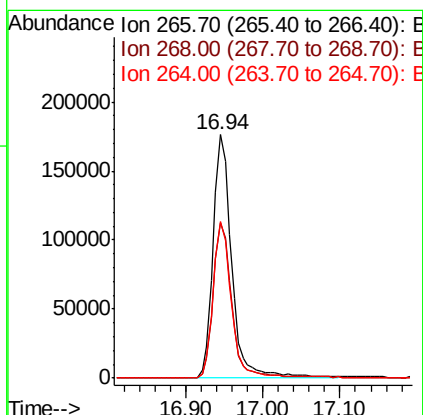
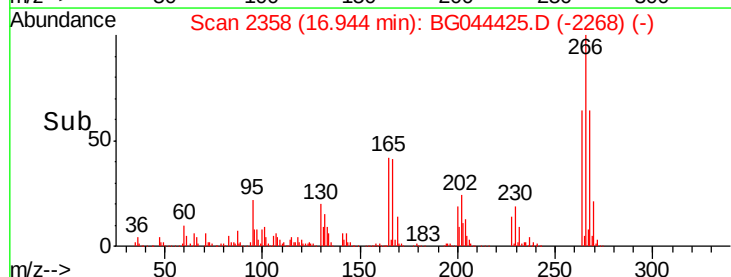
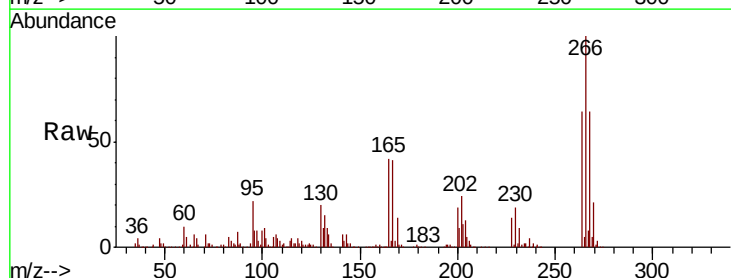
Tgt Ion:266 Resp: 293861

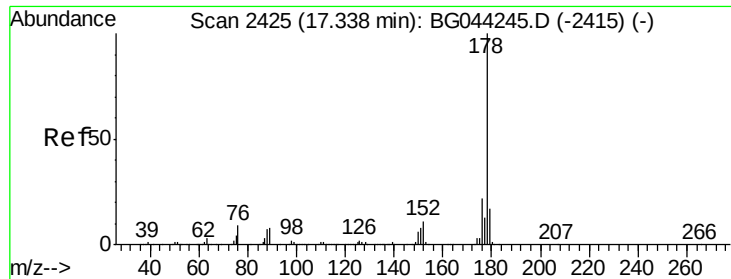
Ion Ratio Lower Upper

266 100

268 63.6 50.6 75.8

264 64.4 48.7 73.1

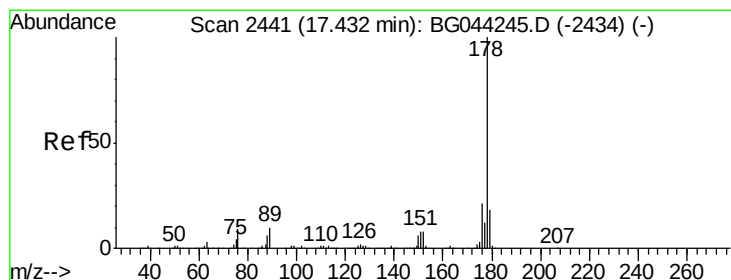
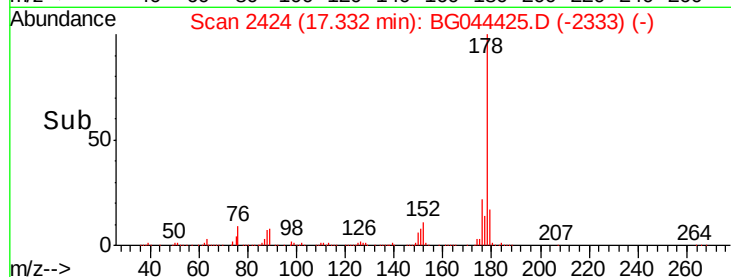
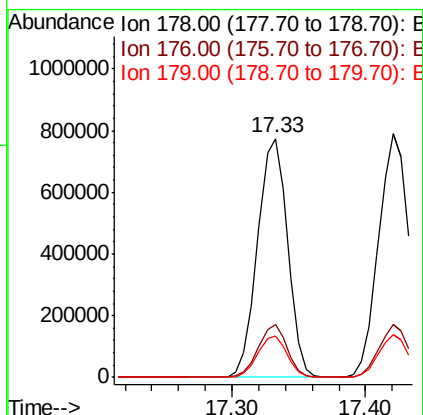
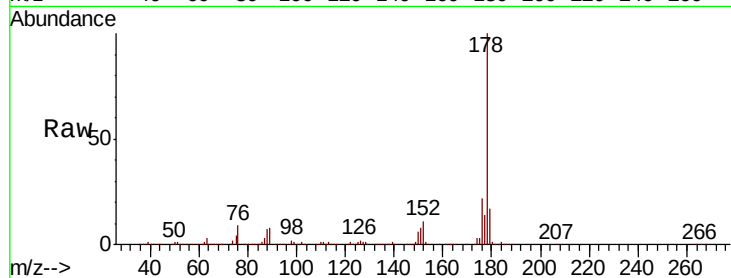




#71
Phenanthrene
Concen: 50.947 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

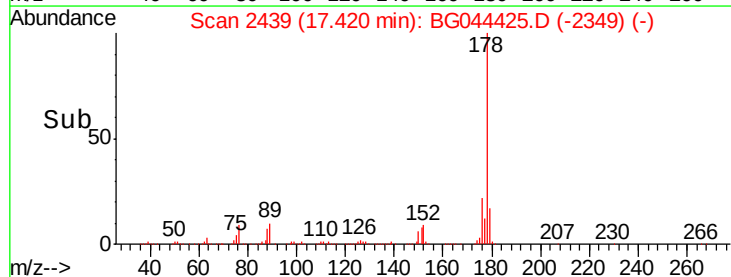
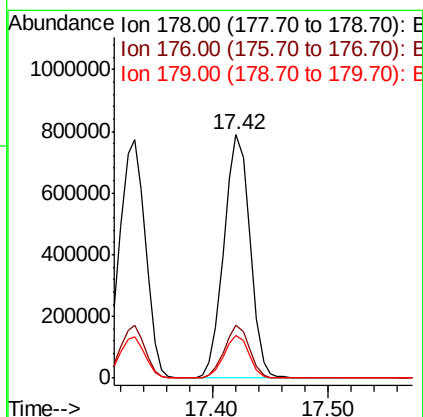
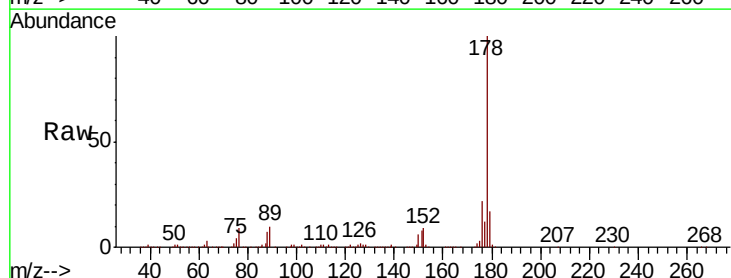
Instrument :
BNA_G
ClientSampled :

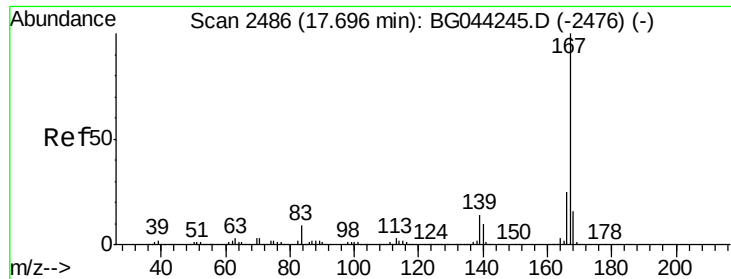
Tot Ion:178 Resp: 1201980
Ion Ratio Lower Upper
178 100
176 22.2 17.7 26.5
179 17.4 13.7 20.5



#72
Anthracene
Concen: 52.988 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion:178 Resp: 1235954
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 17.5 14.4 21.6





#73

Carbazole

Concen: 50.649 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

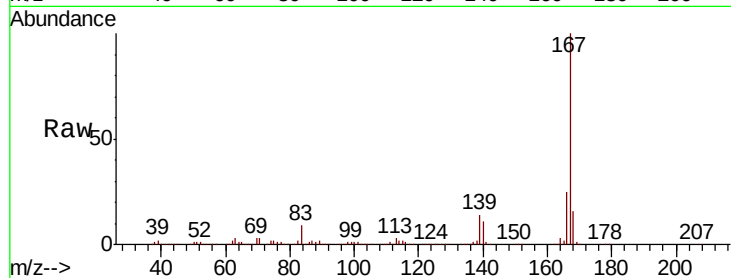
Tot Ion:167 Resp: 1089109

Ion Ratio Lower Upper

167 100

166 25.2 19.8 29.6

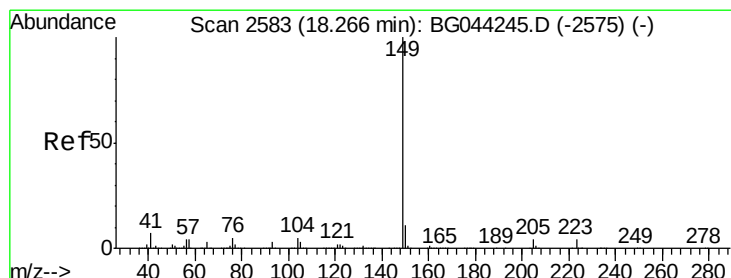
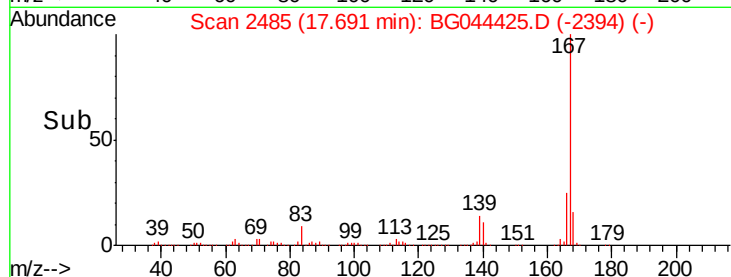
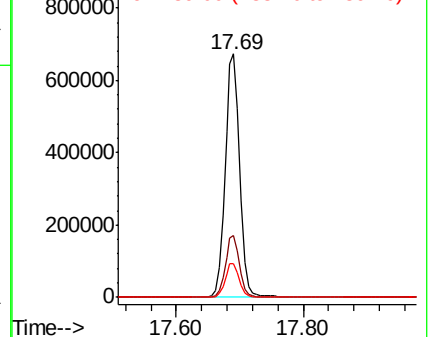
139 14.0 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.990 ng

RT: 18.25 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

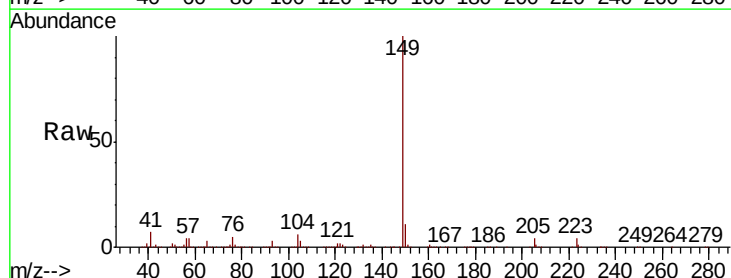
Tgt Ion:149 Resp: 1328367

Ion Ratio Lower Upper

149 100

150 11.0 8.7 13.1

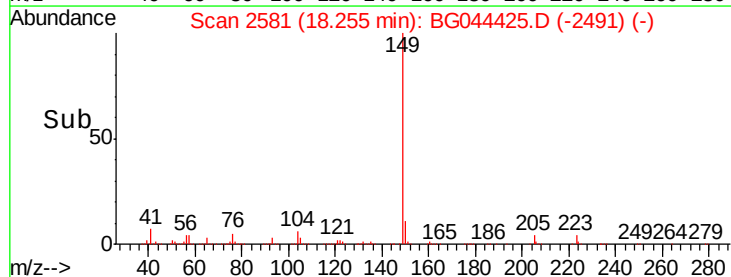
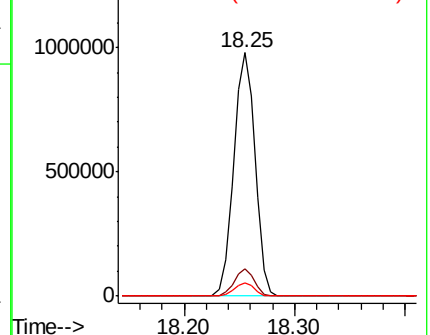
104 5.6 4.3 6.5

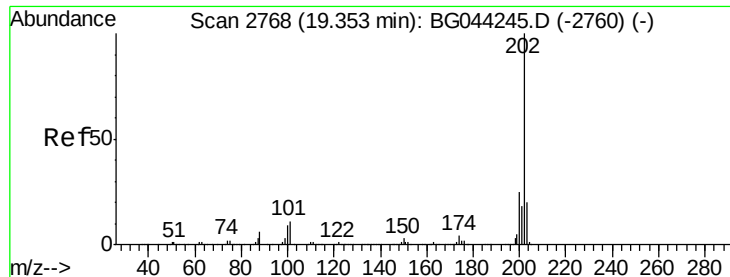


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.487 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

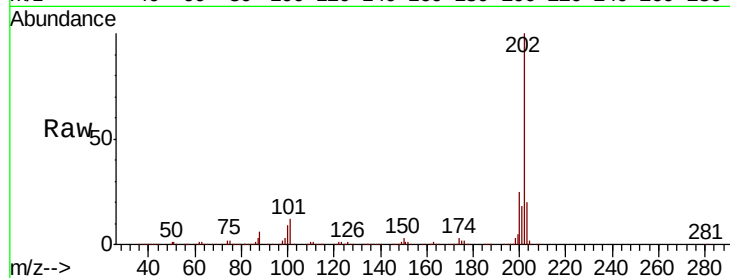
Tot Ion:202 Resp: 1377906

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

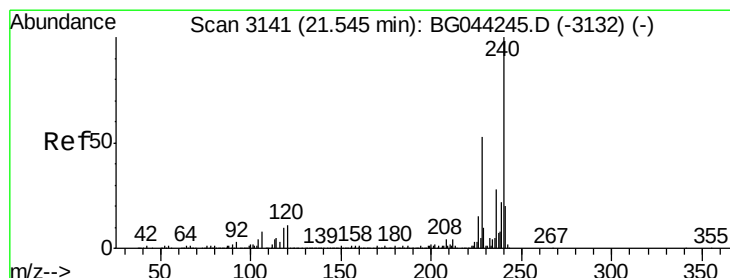
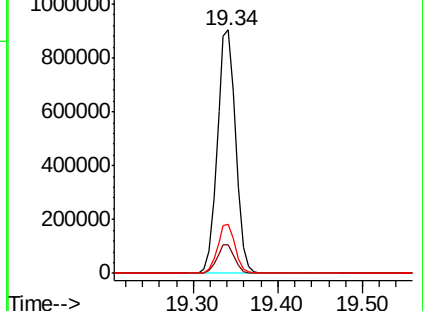
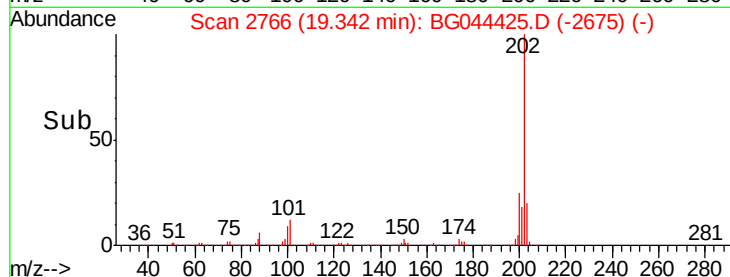
203 20.3 0.0 39.9



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: BG044425.D

Acq: 13 Feb 2020 19:58

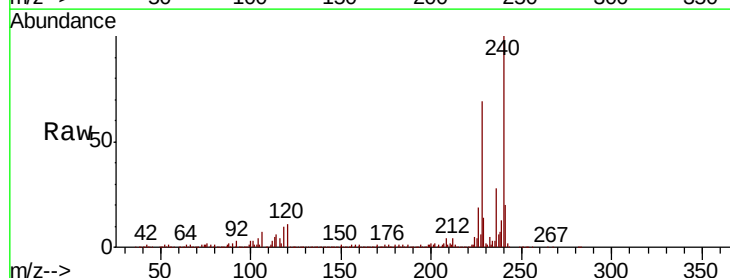
Tgt Ion:240 Resp: 440229

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

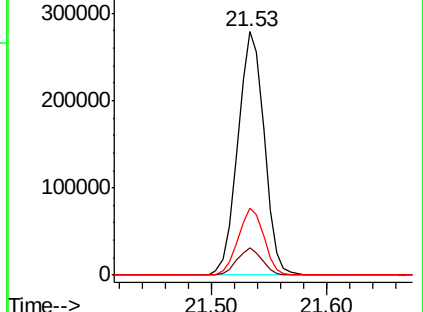
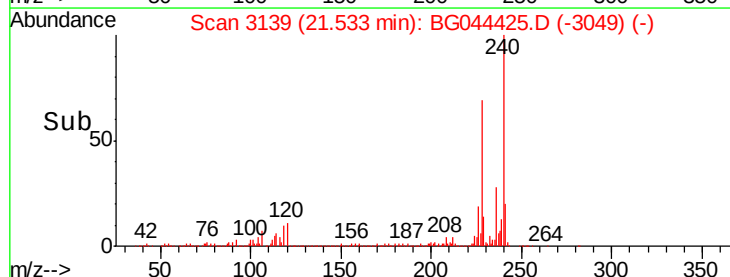
236 27.6 22.1 33.1

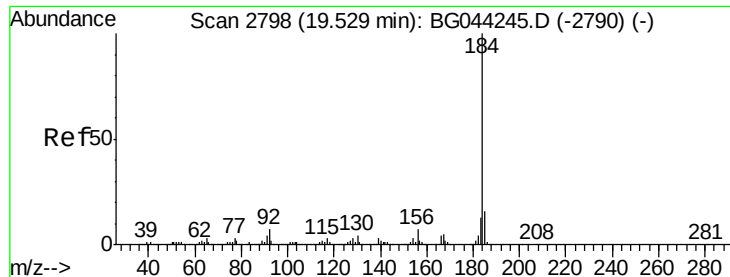


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.634 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

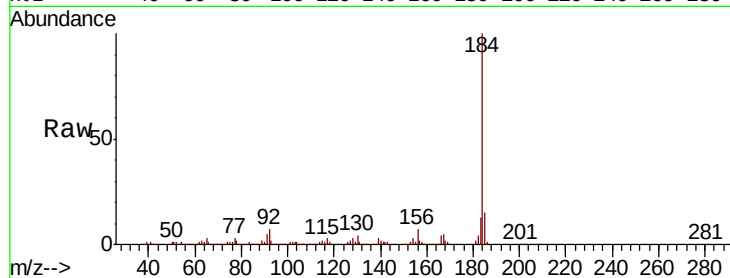
Tot Ion:184 Resp: 471757

Ion Ratio Lower Upper

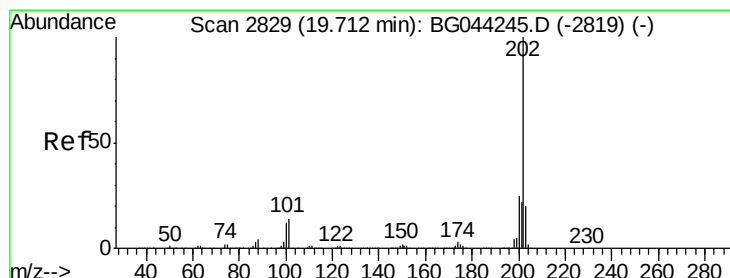
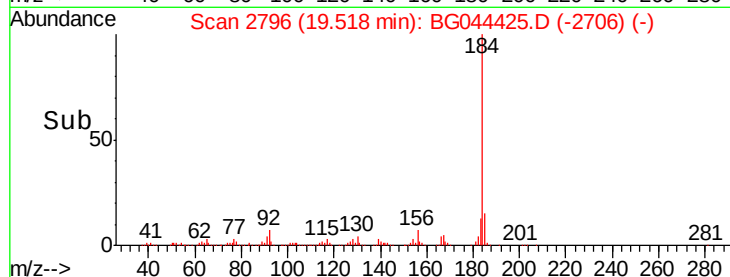
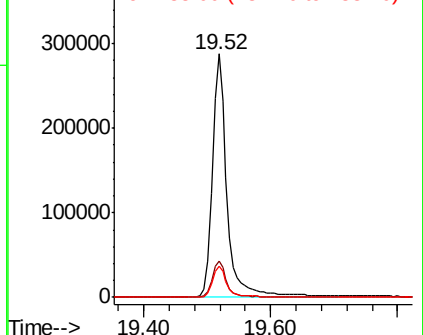
184 100

185 15.1 12.9 19.3

183 12.7 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: 48.494 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

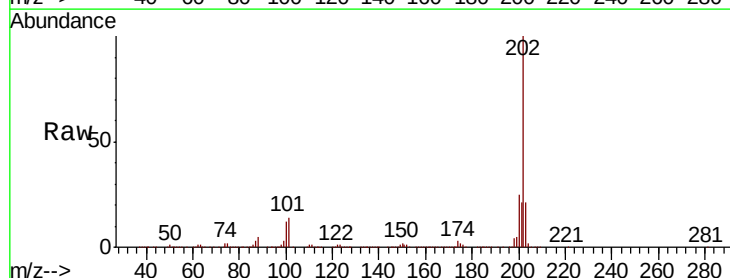
Tgt Ion:202 Resp: 1371019

Ion Ratio Lower Upper

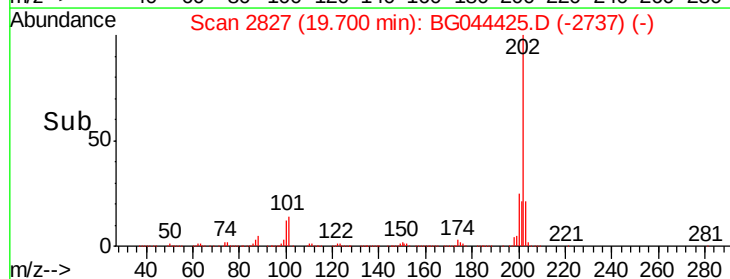
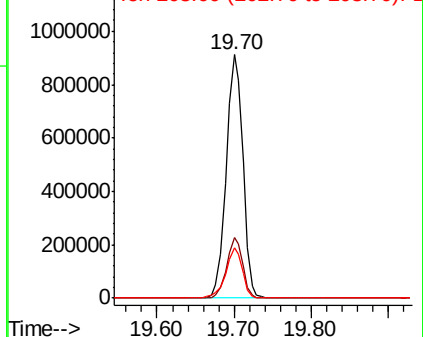
202 100

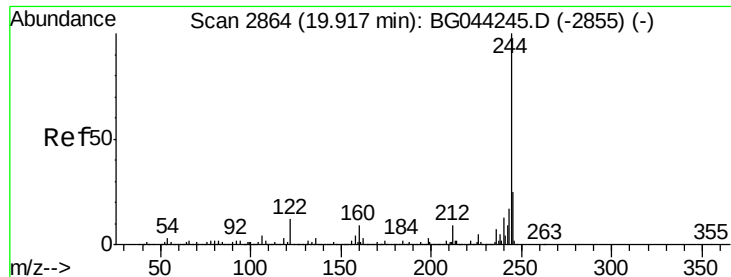
200 24.8 20.0 30.0

203 20.6 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: 36.529 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

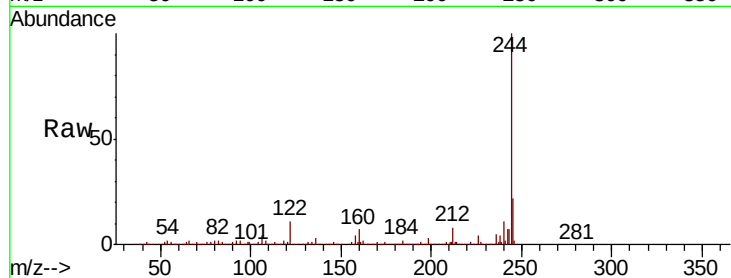
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 781815

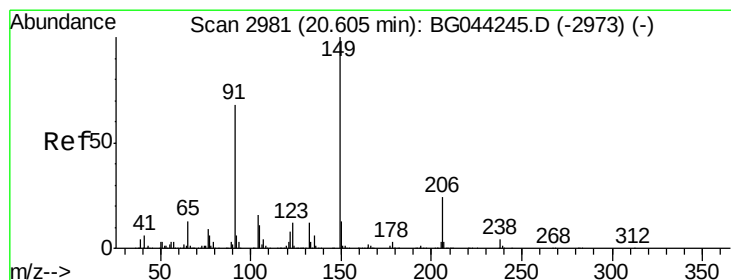
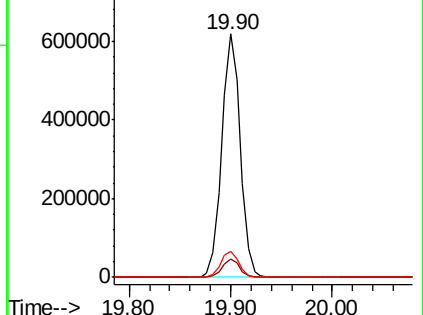
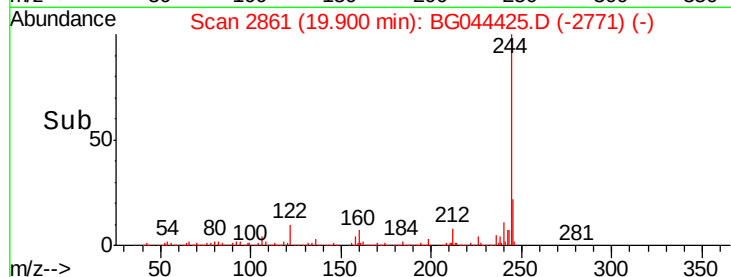
Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.2
122	10.5	9.8	14.6



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: 48.213 ng

RT: 20.59 min Scan# 2979

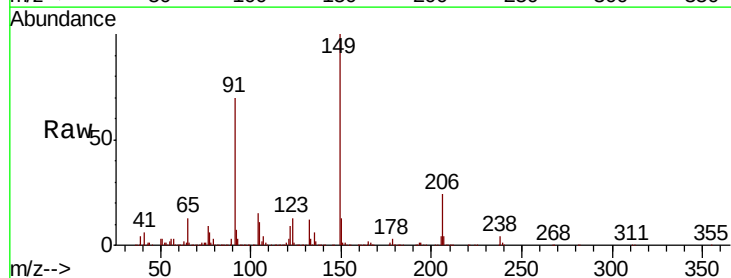
Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Tgt Ion:149 Resp: 621166

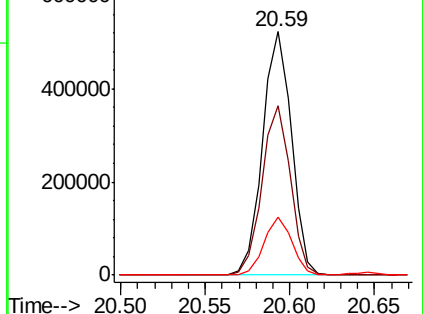
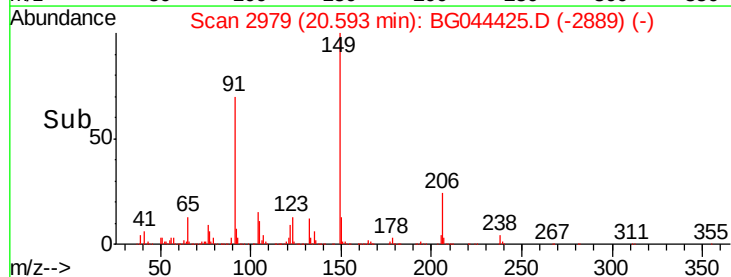
Ion	Ratio	Lower	Upper
149	100		
91	69.7	54.5	81.7
206	23.6	19.1	28.7

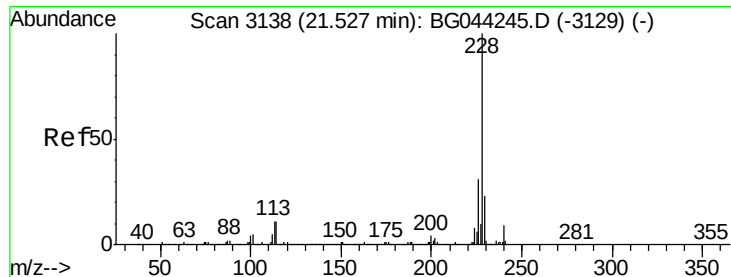


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.279 ng

RT: 21.52 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampled :

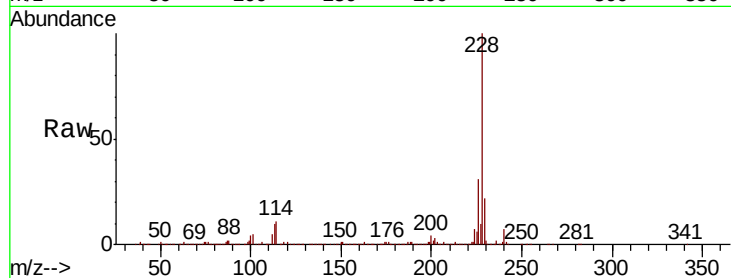
Tot Ion:228 Resp: 1337020

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

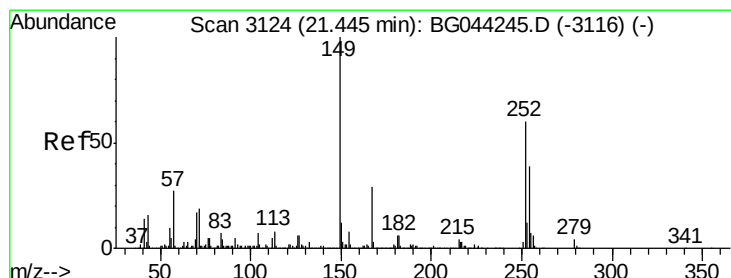
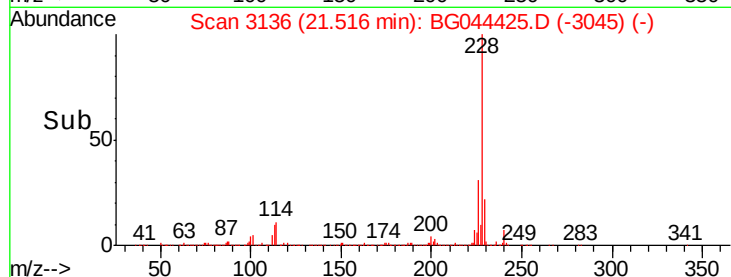
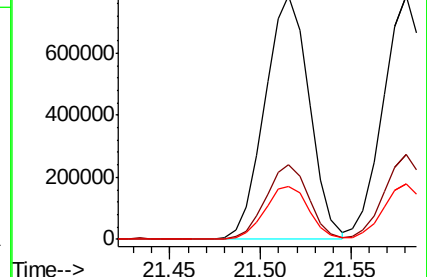
229 22.0 18.2 27.4



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



#82

3,3'-Dichlorobenzidine

Concen: 33.315 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

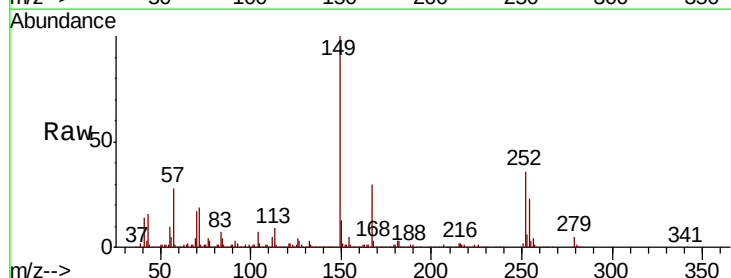
Tgt Ion:252 Resp: 350810

Ion Ratio Lower Upper

252 100

254 65.0 52.6 78.8

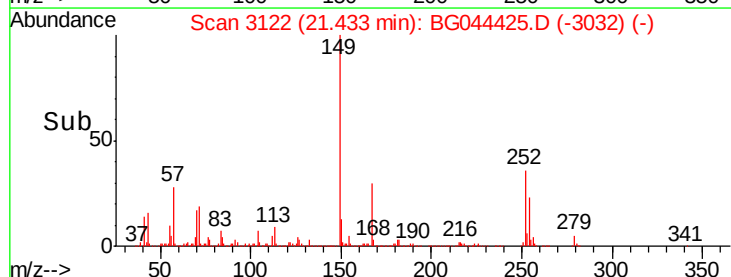
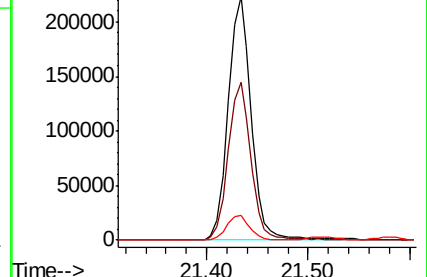
126 10.2 8.2 12.4

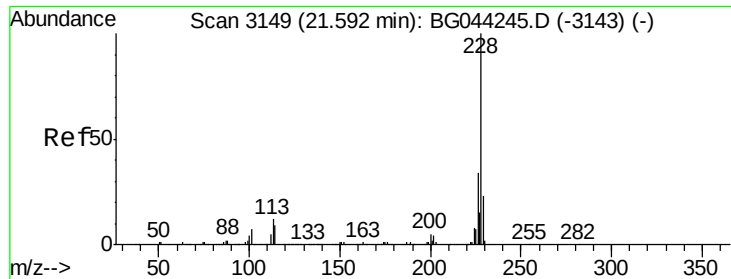


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.779 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

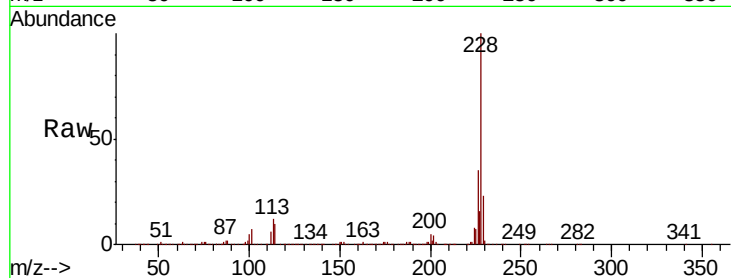
Tot Ion:228 Resp: 1279250

Ion Ratio Lower Upper

228 100

226 34.6 27.1 40.7

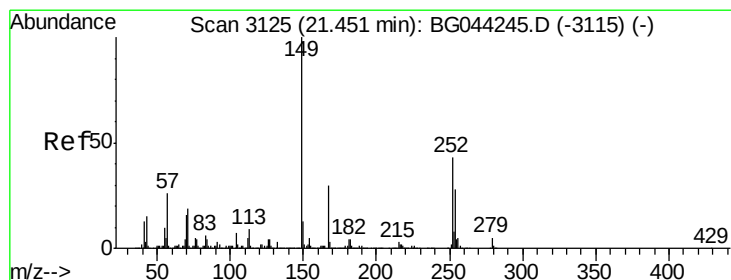
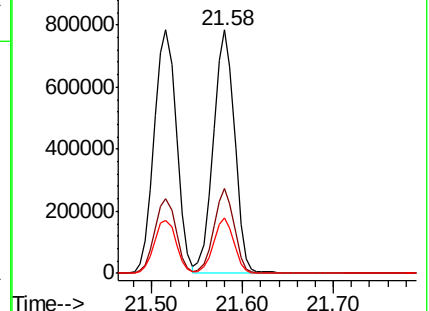
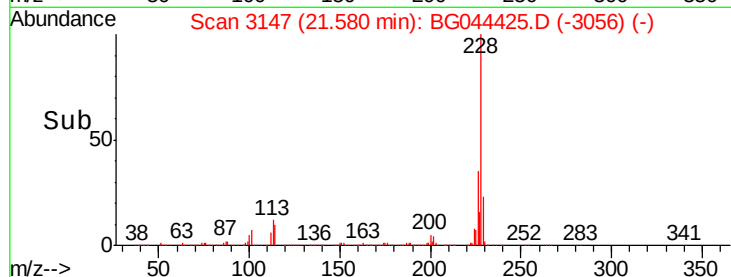
229 22.8 17.9 26.9



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: 49.238 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

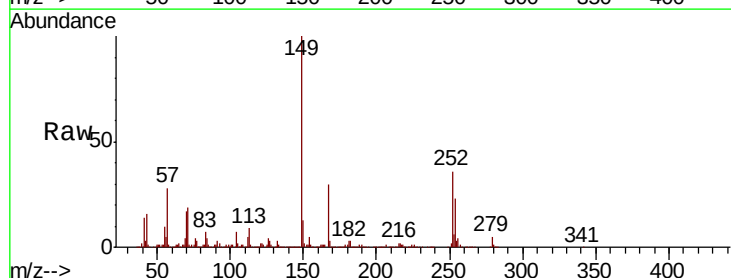
Tgt Ion:149 Resp: 873158

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

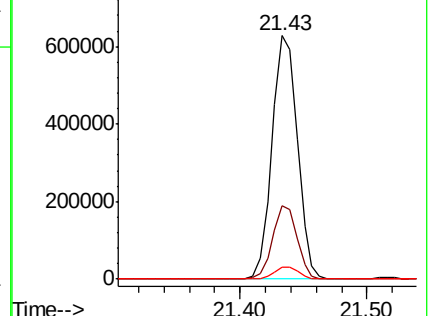
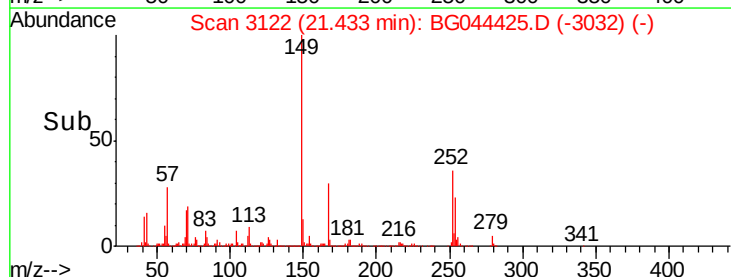
279 4.7 3.8 5.8

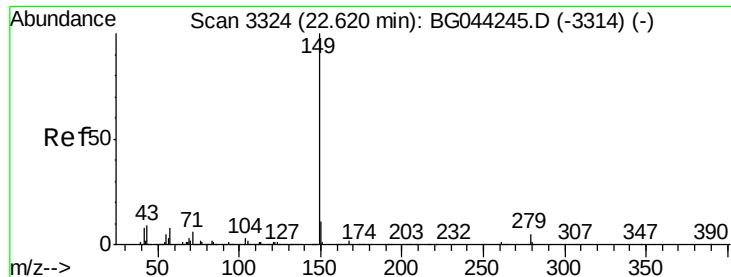


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

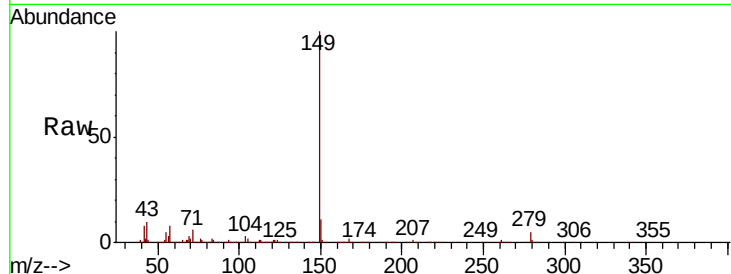




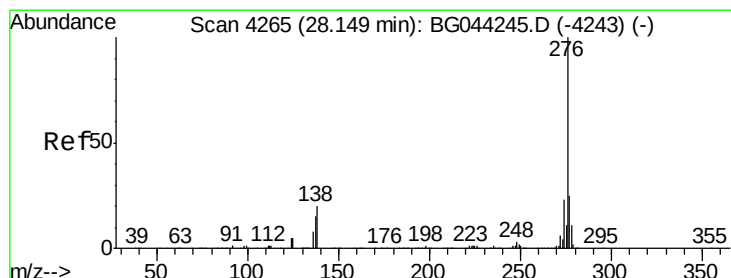
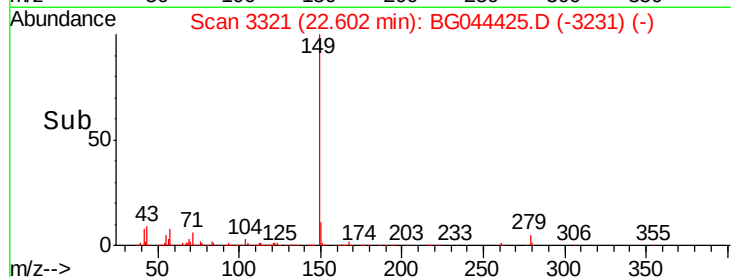
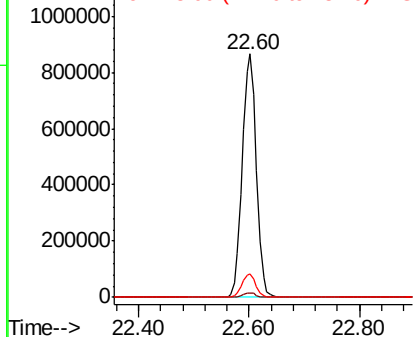
#85
Di-n-octyl phthalate
Concen: 49.974 ng
RT: 22.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1533322
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.1 7.4 11.0

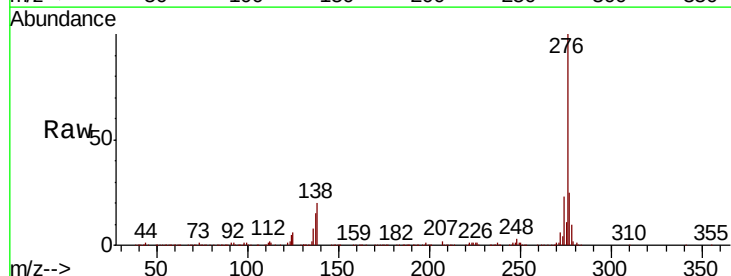


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

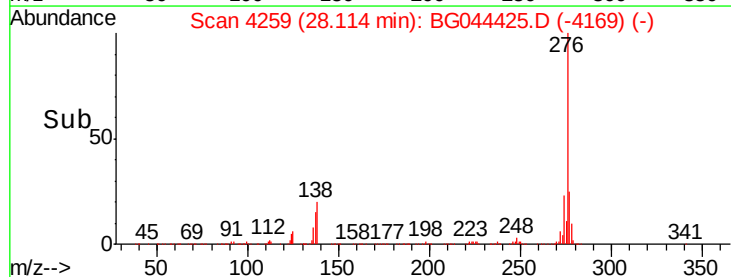
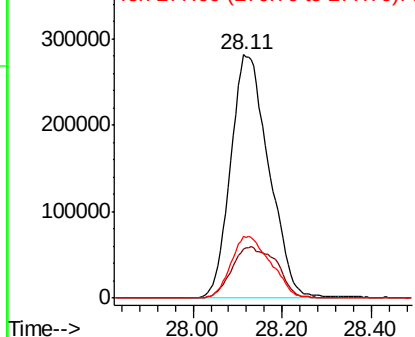


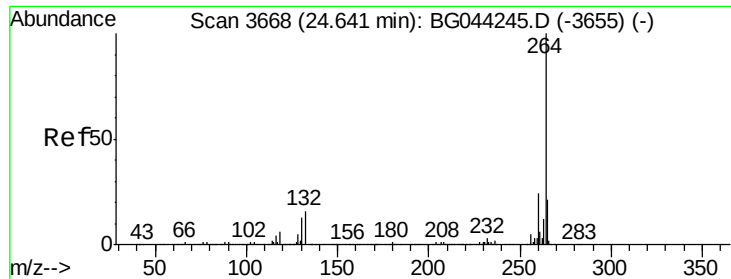
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.058 ng
RT: 28.11 min Scan# 4259
Delta R.T. -0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion:276 Resp: 1678518
Ion Ratio Lower Upper
276 100
138 24.9 19.4 29.0
277 26.5 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: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

Instrument :

BNA_G

ClientSampleId :

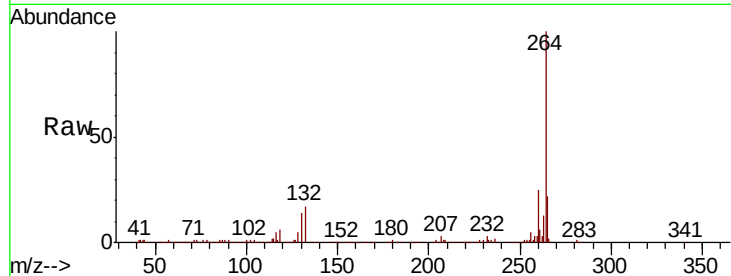
Tot Ion:264 Resp: 474164

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

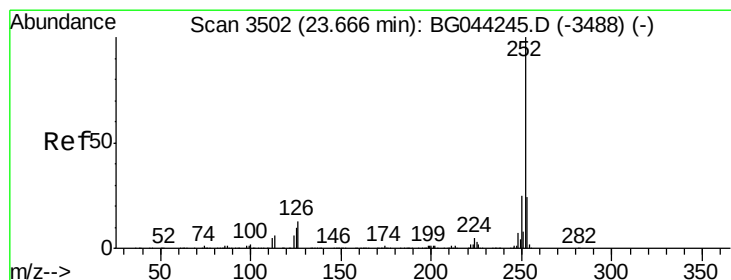
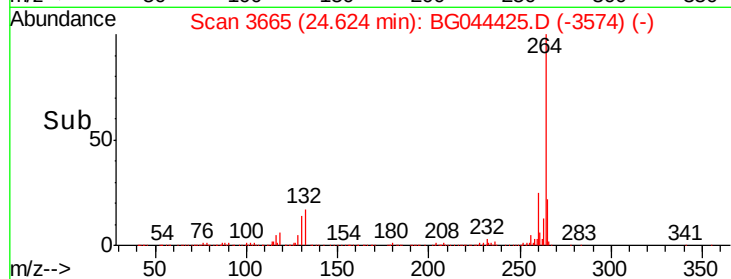
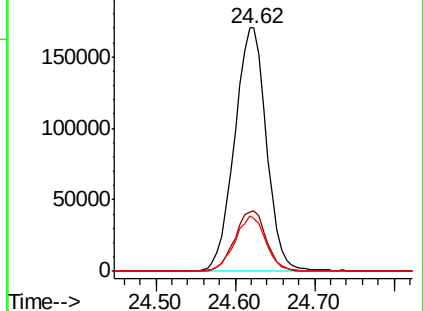
265 21.8 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.879 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044425.D

Acq: 13 Feb 2020 19:58

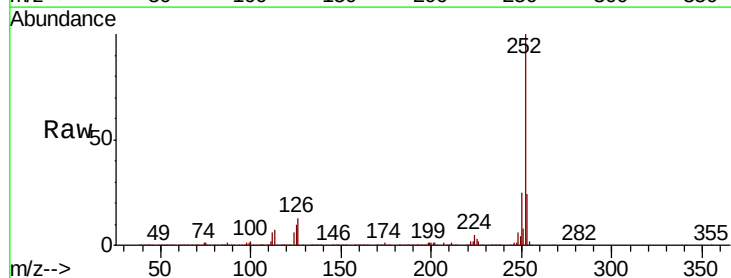
Tgt Ion:252 Resp: 1417476

Ion Ratio Lower Upper

252 100

253 24.3 19.2 28.8

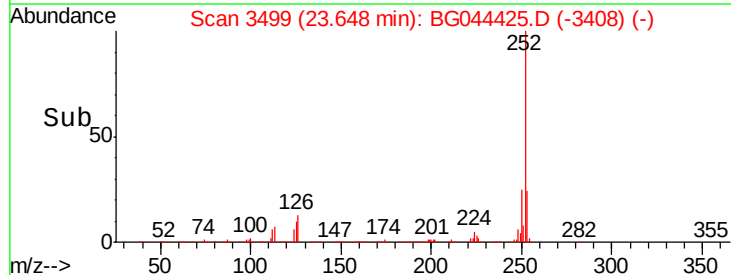
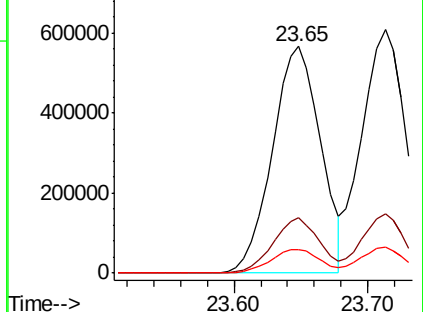
125 10.3 8.4 12.6

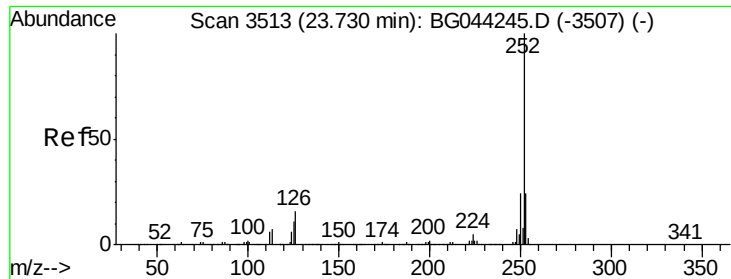


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

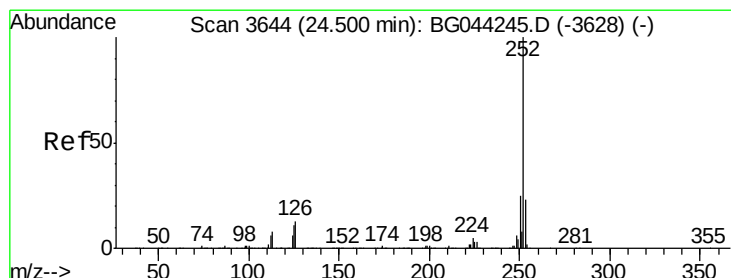
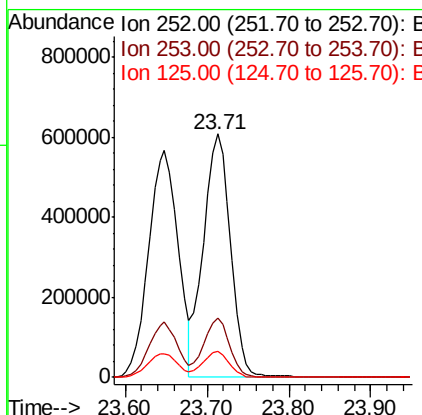
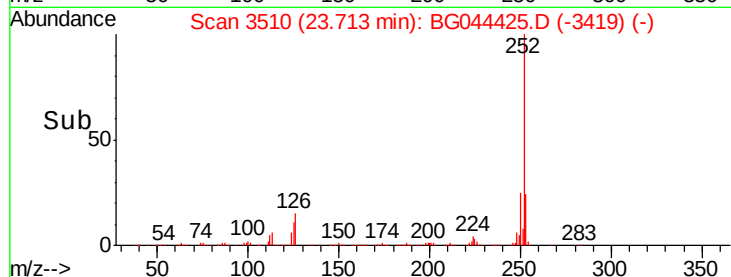
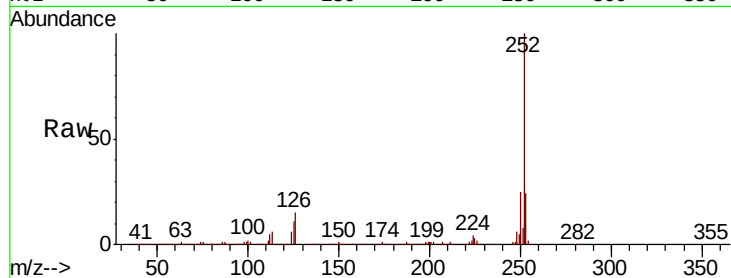




#89
Benzo(k)fluoranthene
Concen: 52.386 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

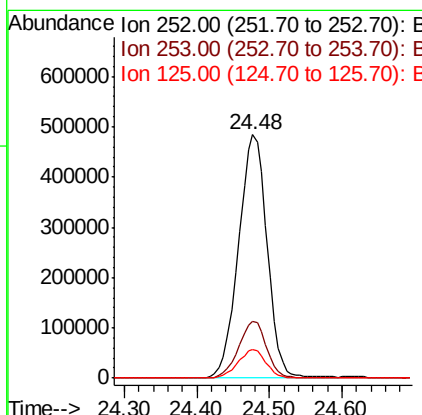
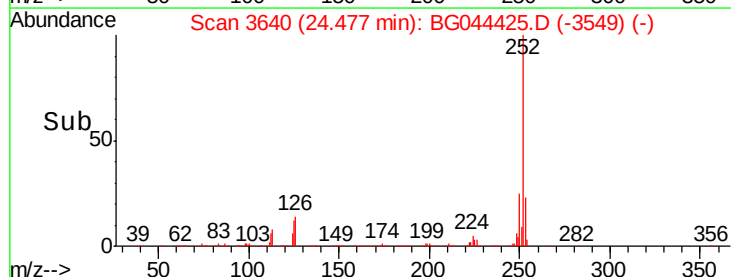
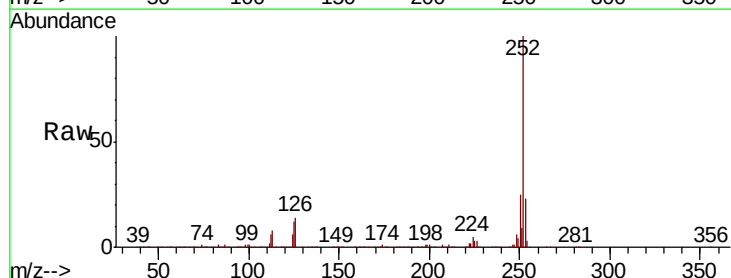
Instrument :
BNA_G
ClientSampleId :

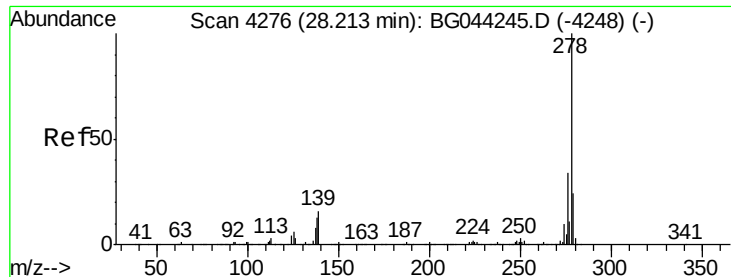
Tot Ion:252 Resp: 1395042
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 10.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 51.269 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion:252 Resp: 1324466
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 11.6 8.6 13.0



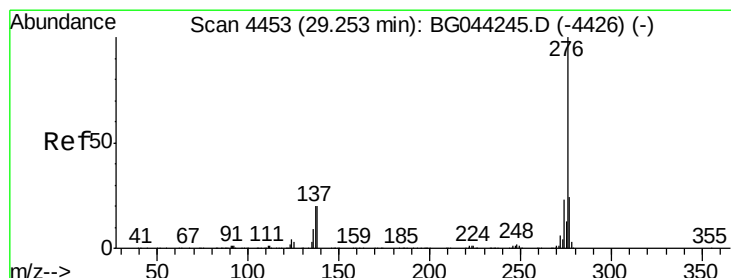
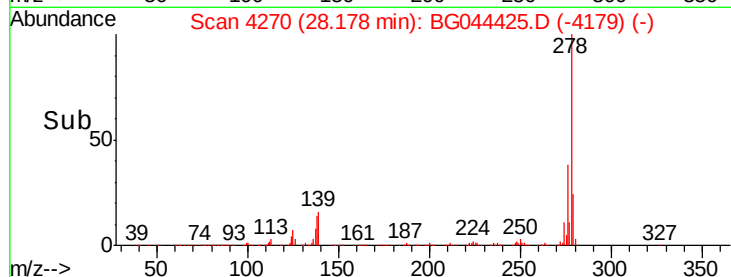
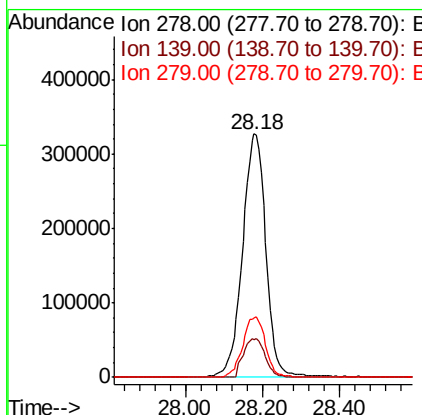
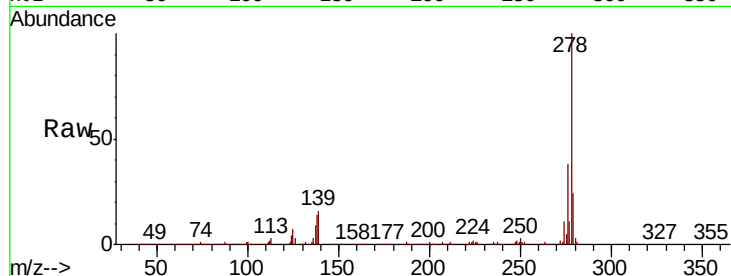


#91
Dibenzo(a,h)anthracene
Concen: 53.967 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1379749

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.3	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 55.385 ng
RT: 29.22 min Scan# 4447
Delta R.T. 0.01 min
Lab File: BG044425.D
Acq: 13 Feb 2020 19:58

Tgt Ion:276 Resp: 1417515

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	20.6	16.2	24.2

