

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044477.D
 Acq On : 18 Feb 2020 18:00
 Operator : CG/JU
 Sample : L1365-16MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 01:19:00 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	7.89	152	66704	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	279026	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	190910	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	413542	20.00	ng	0.00
76) Chrysene-d12	21.53	240	372140	20.00	ng	0.00
87) Perylene-d12	24.61	264	409062	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	511414	135.31	ng	0.00
7) Phenol-d6	7.07	99	612426	120.66	ng	0.00
23) Nitrobenzene-d5	9.05	82	461000	93.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	339453	151.46	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1081183	94.84	ng	0.00
79) Terphenyl-d14	19.90	244	1694166	93.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	64451	37.954	ng	# 50
3) Pyridine	3.76	79	152349	33.674	ng	97
4) n-Nitrosodimethylamine	3.66	42	81215	42.958	ng	99
6) Aniline	7.22	93	91454	14.517	ng	98
8) 2-Chlorophenol	7.46	128	220728	53.138	ng	99
9) Benzaldehyde	7.02	77	97811	33.837	ng	98
10) Phenol	7.10	94	221408	44.079	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	201825	46.998	ng	97
12) 1,3-Dichlorobenzene	7.78	146	240832	48.559	ng	97
13) 1,4-Dichlorobenzene	7.93	146	242443	49.356	ng	99
14) 1,2-Dichlorobenzene	8.25	146	227470	48.992	ng	99
15) Benzyl Alcohol	8.13	79	180655	50.276	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	267742	46.065	ng	99
17) 2-Methylphenol	8.35	107	180168	50.273	ng	99
18) Hexachloroethane	8.97	117	89063	48.317	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	157703	46.623	ng	98
20) 3+4-Methylphenols	8.68	107	240056	48.604	ng	100
22) Acetophenone	8.72	105	304658	44.883	ng	# 99
24) Nitrobenzene	9.09	77	228705	47.400	ng	98
25) Isophorone	9.62	82	440172	47.783	ng	100
26) 2-Nitrophenol	9.81	139	129468	51.713	ng	100
27) 2,4-Dimethylphenol	9.87	122	205183	58.058	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	274703	44.702	ng	99
29) 2,4-Dichlorophenol	10.35	162	223787	52.368	ng	100
30) 1,2,4-Trichlorobenzene	10.56	180	237580	48.486	ng	99
31) Naphthalene	10.74	128	691869	51.108	ng	99
32) Benzoic acid	10.02	122	46861	28.358	ng	96
33) 4-Chloroaniline	10.86	127	34255	5.564	ng	96
34) Hexachlorobutadiene	11.04	225	138202	45.837	ng	97
35) Caprolactam	11.62	113	44942	28.710	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	240017	53.571	ng	99
37) 2-Methylnaphthalene	12.36	142	519626	51.698	ng	99
38) 1-Methylnaphthalene	12.58	142	495085	52.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	266157	46.606	ng	98

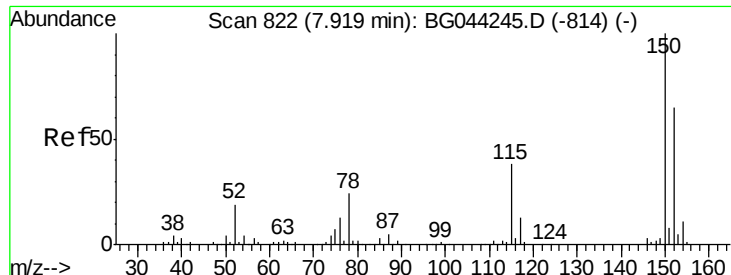
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	124010	45.256	ng	98
43) 2,4,6-Trichlorophenol	12.97	196	191814	51.964	ng	100
44) 2,4,5-Trichlorophenol	13.05	196	207506	55.037	ng	98
46) 1,1'-Biphenyl	13.37	154	654974	47.563	ng	99
47) 2-Chloronaphthalene	13.41	162	522079	47.644	ng	99
48) 2-Nitroaniline	13.61	65	155168	47.982	ng	98
49) Acenaphthylene	14.26	152	834768	51.938	ng	99
50) Dimethylphthalate	13.99	163	667012	48.605	ng	100
51) 2,6-Dinitrotoluene	14.11	165	153601	50.200	ng	96
52) Acenaphthene	14.60	154	522449	50.151	ng	98
53) 3-Nitroaniline	14.43	138	65244	19.273	ng	98
54) 2,4-Dinitrophenol	14.65	184	93974	54.516	ng	99
55) Dibenzofuran	14.93	168	809164	51.301	ng	99
56) 4-Nitrophenol	14.77	139	247668	99.879	ng	97
57) 2,4-Dinitrotoluene	14.90	165	217157	50.636	ng	95
58) Fluorene	15.58	166	643932	51.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	187060	54.928	ng	99
60) Diethylphthalate	15.36	149	663713	48.538	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	336244	49.918	ng	100
62) 4-Nitroaniline	15.60	138	153360	45.338	ng	99
63) Azobenzene	15.87	77	614452	51.271	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	88869	38.931	ng	99
66) n-Nitrosodiphenylamine	15.79	169	599400	51.720	ng	100
67) 4-Bromophenyl-phenylether	16.47	248	223621	49.633	ng	98
68) Hexachlorobenzene	16.60	284	246208	48.777	ng	99
69) Atrazine	16.74	200	230871	58.121	ng	99
70) Pentachlorophenol	16.94	266	257317	99.992	ng	99
71) Phenanthrene	17.32	178	1033928	51.632	ng	100
72) Anthracene	17.42	178	1057281	53.403	ng	99
73) Carbazole	17.68	167	955753	52.366	ng	100
74) Di-n-butylphthalate	18.25	149	1162933	51.561	ng	100
75) Fluoranthene	19.33	202	1174326	50.693	ng	99
77) Benzidine	19.51	184	233545	22.625	ng	98
78) Pyrene	19.70	202	1183314	49.513	ng	99
80) Butylbenzylphthalate	20.58	149	524967	48.202	ng	98
81) Benzo(a)anthracene	21.51	228	1136559	49.555	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	172211	19.346	ng	99
83) Chrysene	21.57	228	1086419	49.006	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	740718	49.412	ng	99
85) Di-n-octyl phthalate	22.59	149	1287142	49.626	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1421102	49.134	ng	# 75
88) Benzo(b)fluoranthene	23.64	252	1174767	49.838	ng	99
89) Benzo(k)fluoranthene	23.70	252	1218209	53.026	ng	100
90) Benzo(a)pyrene	24.47	252	1135069	50.931	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1157127	52.462	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1067102	48.329	ng	98

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

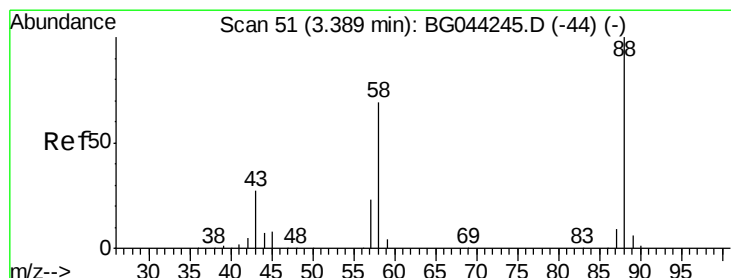
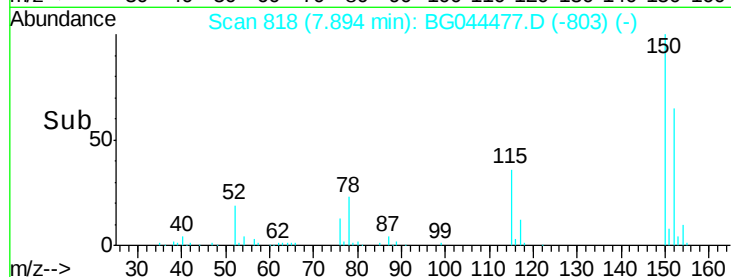
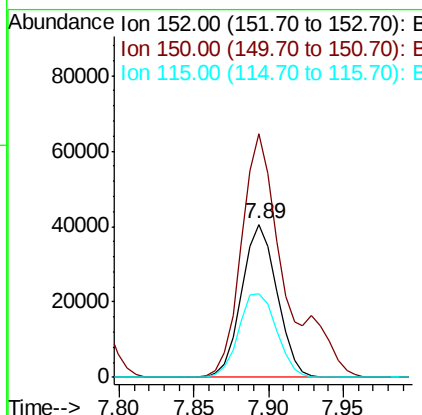
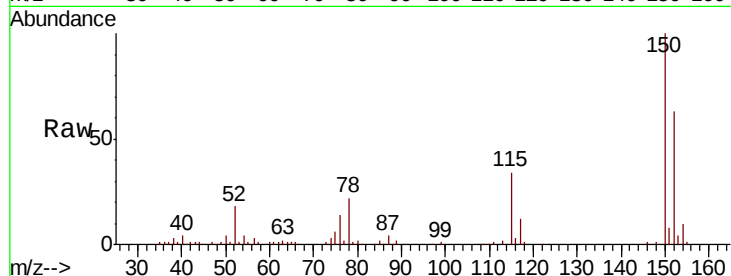


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

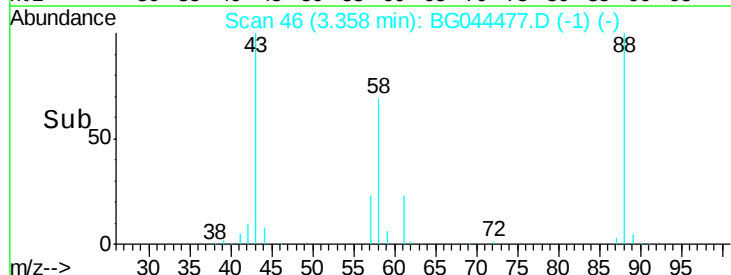
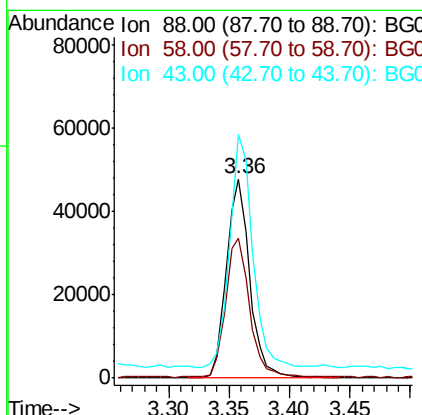
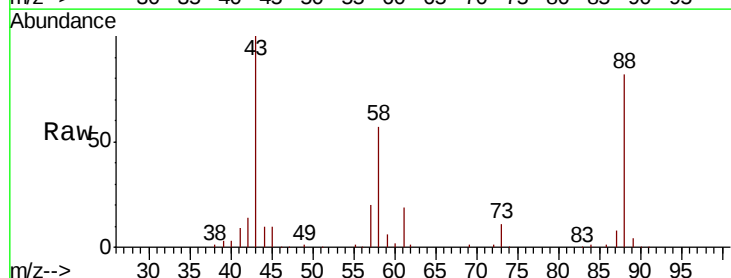
Tot Ion:152 Resp: 66704
Ion Ratio Lower Upper
152 100
150 158.9 122.6 183.8
115 54.3 46.0 69.0

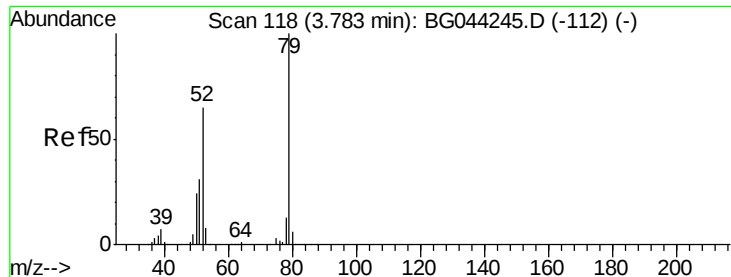


#2

1,4-Dioxane
Concen: 37.954 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion: 88 Resp: 64451
Ion Ratio Lower Upper
88 100
58 71.9 55.8 83.6
43 115.9 21.6 32.4#





#3

Pvridine

Concen: 33.674 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

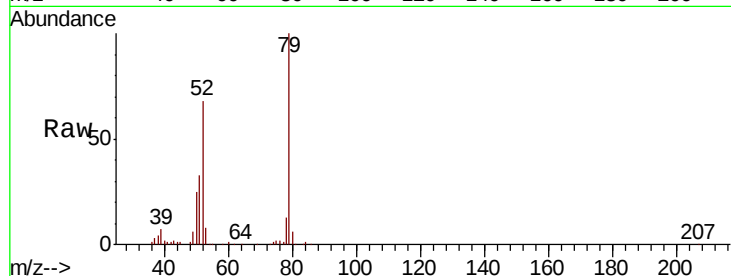
Tot Ion: 79 Resp: 152349

Ion Ratio Lower Upper

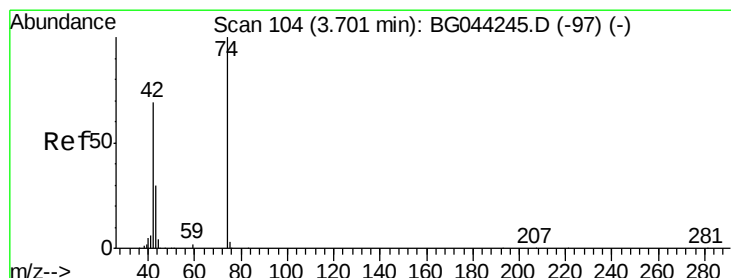
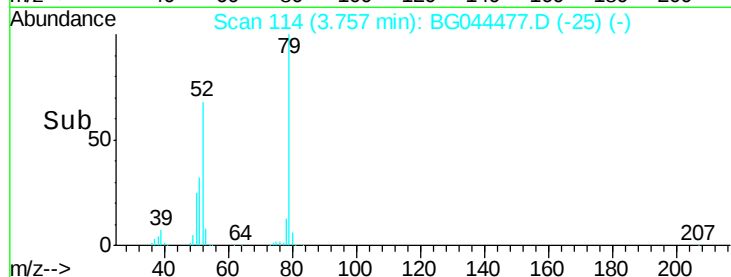
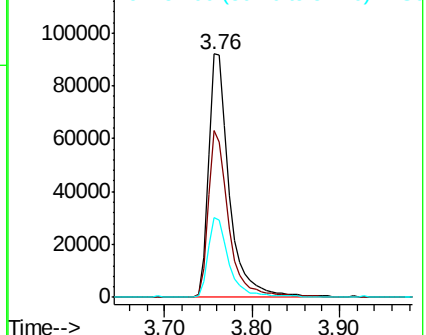
79 100

52 68.3 51.9 77.9

51 32.5 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: 42.958 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

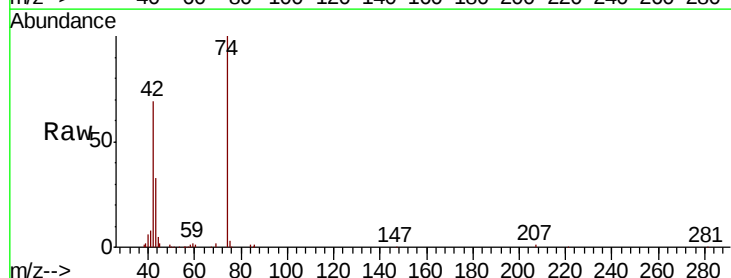
Tgt Ion: 42 Resp: 81215

Ion Ratio Lower Upper

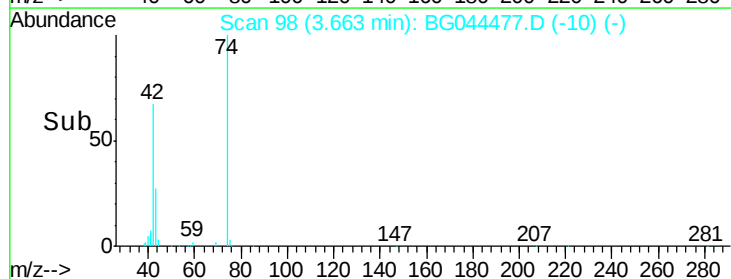
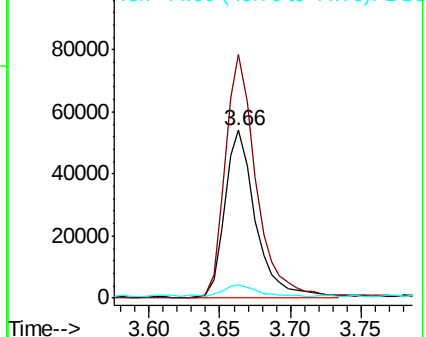
42 100

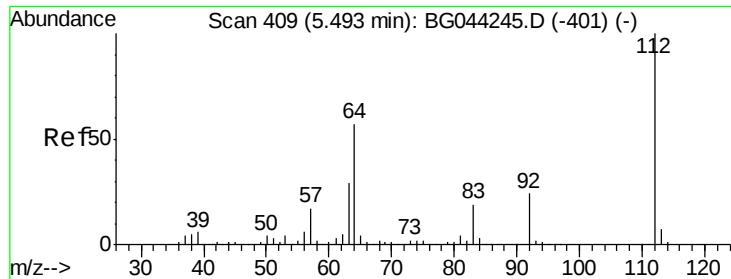
74 145.1 115.1 172.7

44 7.7 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: 135.309 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

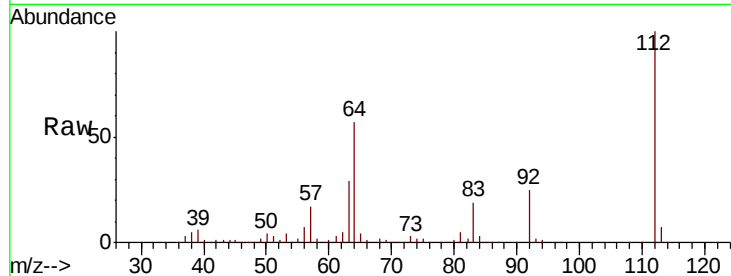
Tot Ion:112 Resp: 511414

Ion Ratio Lower Upper

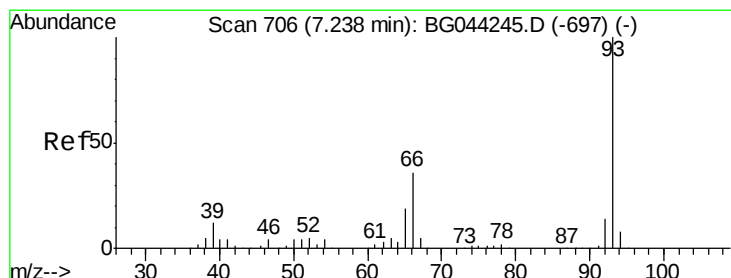
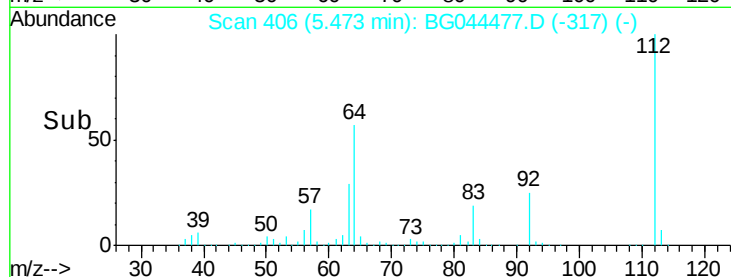
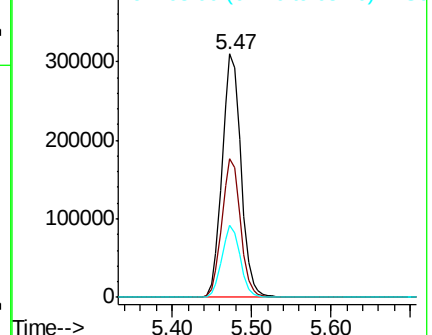
112 100

64 57.1 45.4 68.2

63 29.4 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: 14.517 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

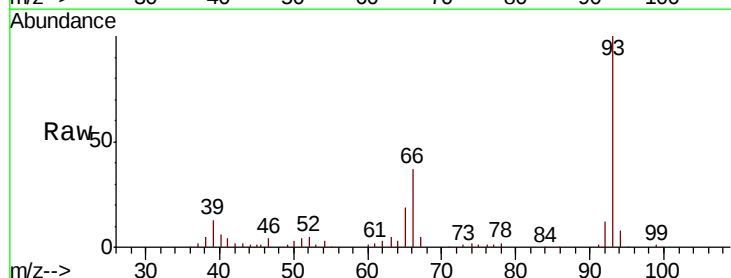
Tgt Ion: 93 Resp: 91454

Ion Ratio Lower Upper

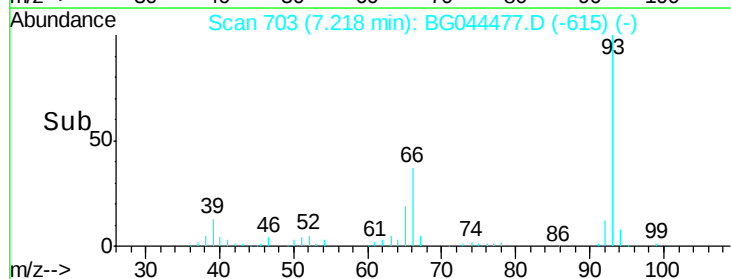
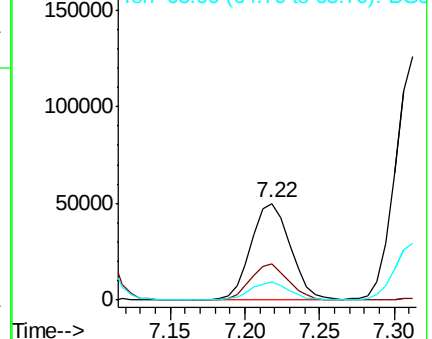
93 100

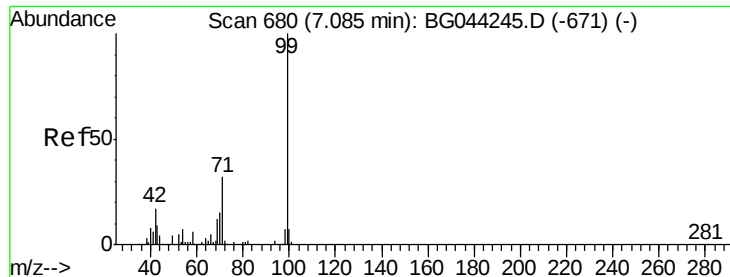
66 37.1 28.7 43.1

65 18.8 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: 120.665 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

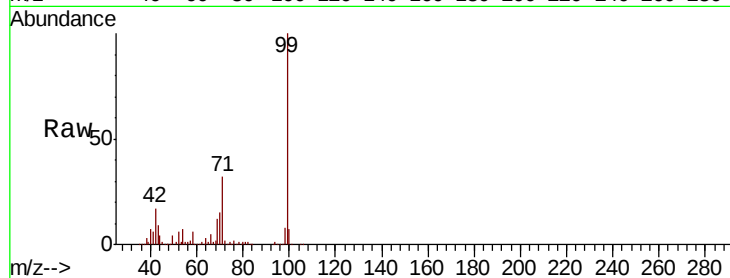
Tot Ion: 99 Resp: 612426

Ion Ratio Lower Upper

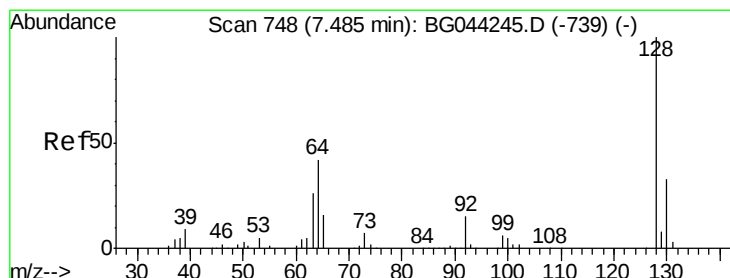
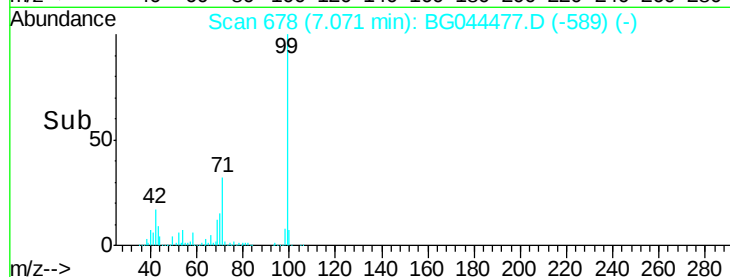
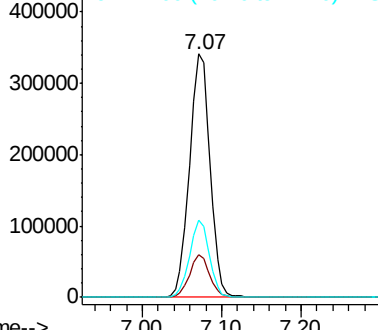
99 100

42 17.3 13.8 20.6

71 31.6 25.5 38.3



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



#8

2-Chlorophenol

Concen: 53.138 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

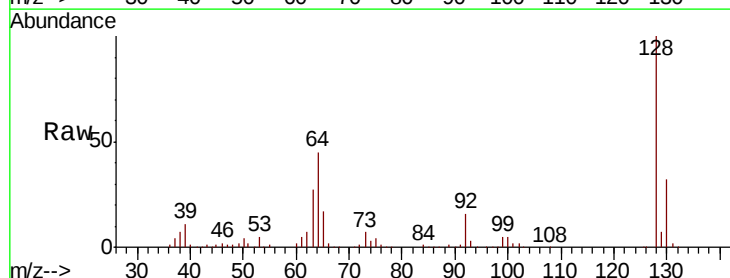
Tgt Ion: 128 Resp: 220728

Ion Ratio Lower Upper

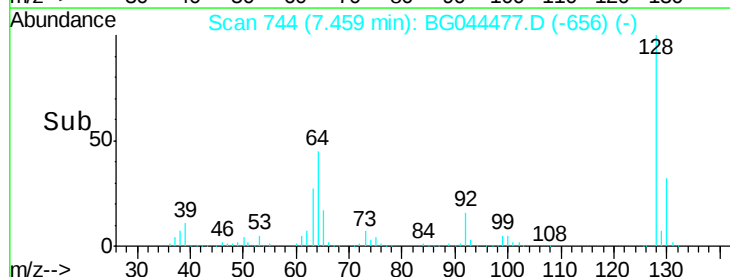
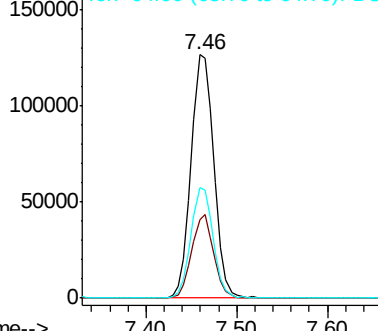
128 100

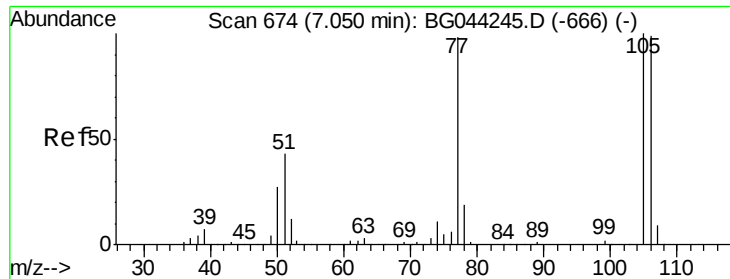
130 32.5 12.5 52.5

64 45.2 24.2 64.2



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





#9

Benzaldehyde

Concen: 33.837 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampled :

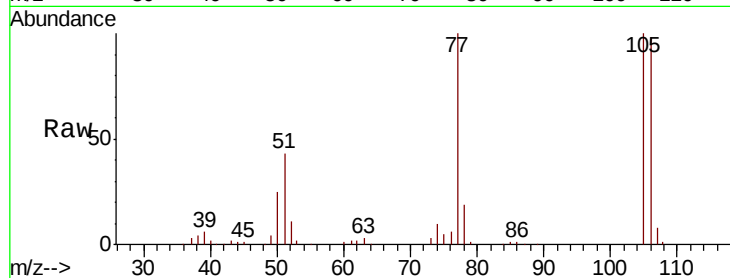
Tot Ion: 77 Resp: 97811

Ion Ratio Lower Upper

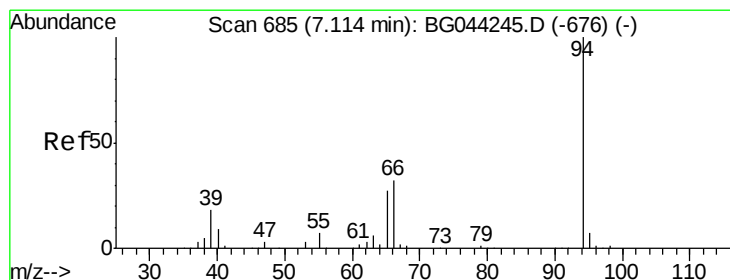
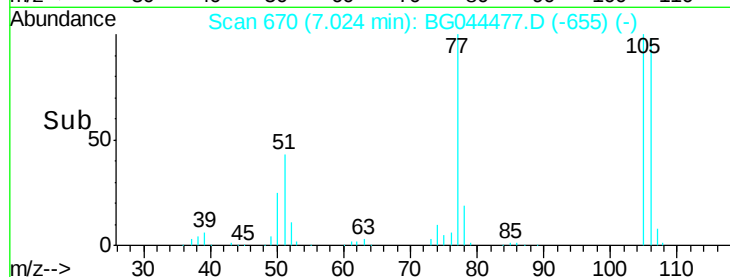
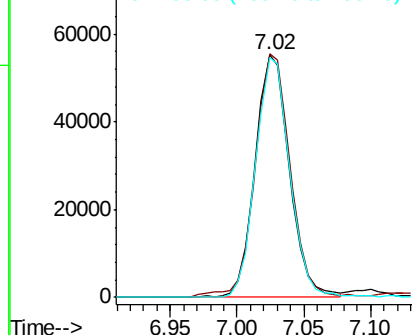
77 100

105 100.3 82.0 122.0

106 98.7 80.7 120.7



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



#10

Phenol

Concen: 44.079 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

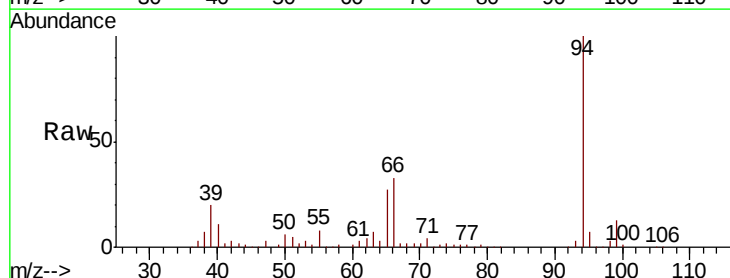
Tgt Ion: 94 Resp: 221408

Ion Ratio Lower Upper

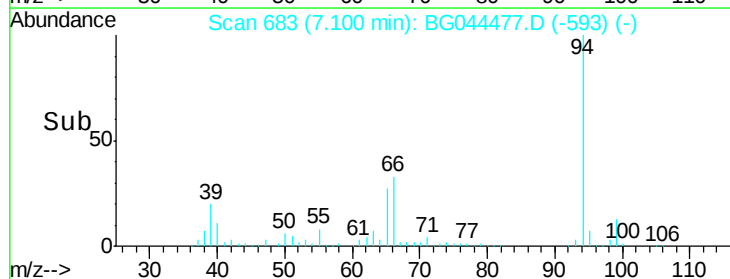
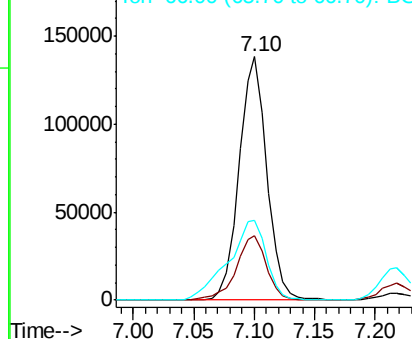
94 100

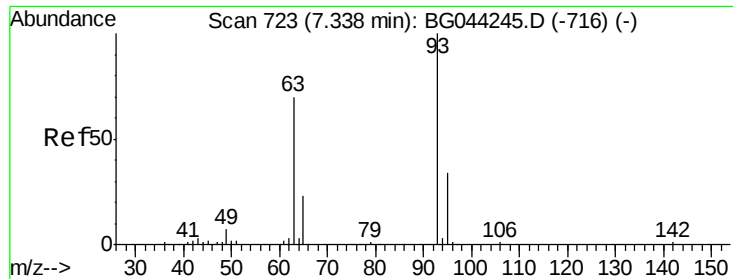
65 26.7 7.0 47.0

66 32.9 12.7 52.7



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

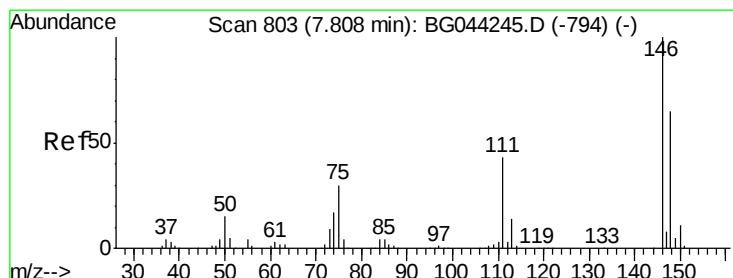
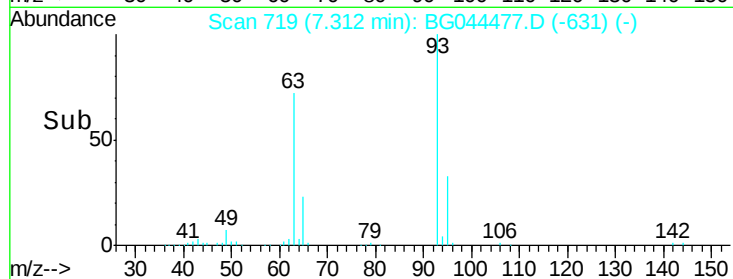
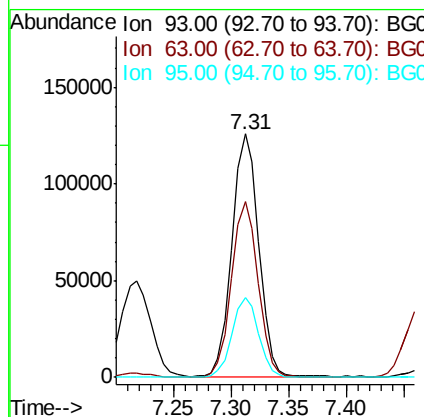
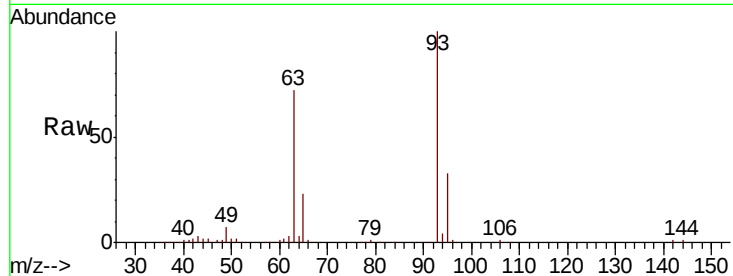




#11
bis(2-Chloroethyl)ether
Concen: 46.998 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

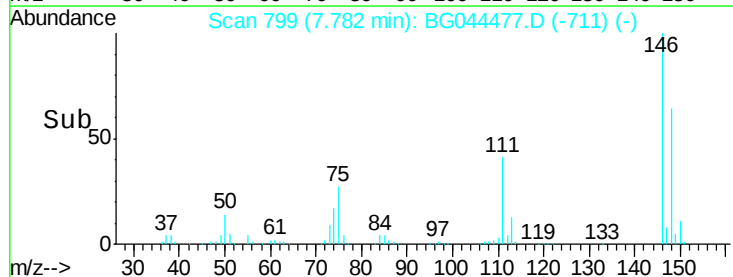
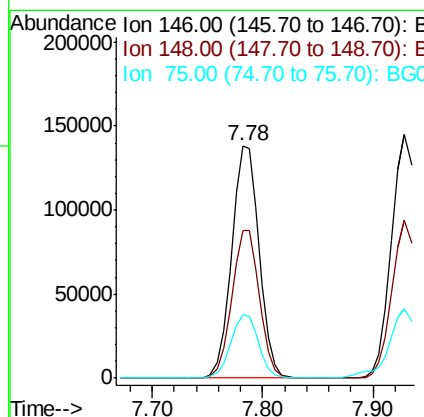
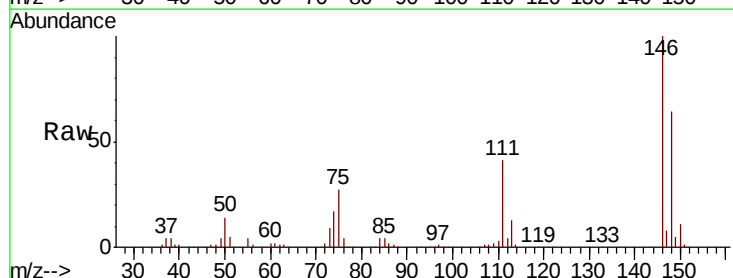
Instrument :
BNA_G
ClientSampleId :

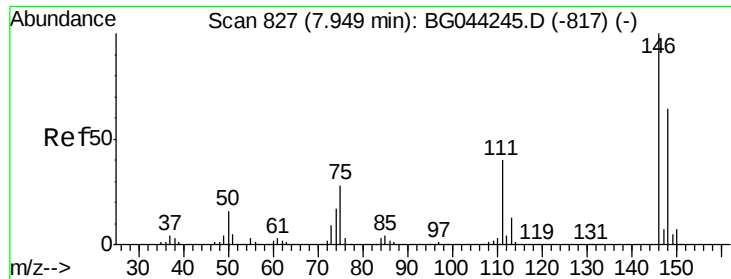
Tot Ion	93	Resp	201825
Ion Ratio	Lower	Upper	
93	100		
63	72.1	49.2	89.2
95	32.5	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 48.559 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	146	Resp	240832
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	27.0	23.7	35.5

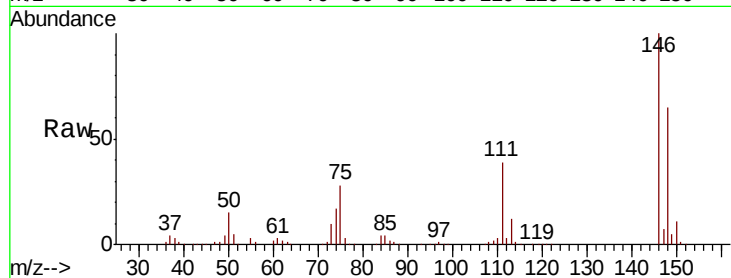




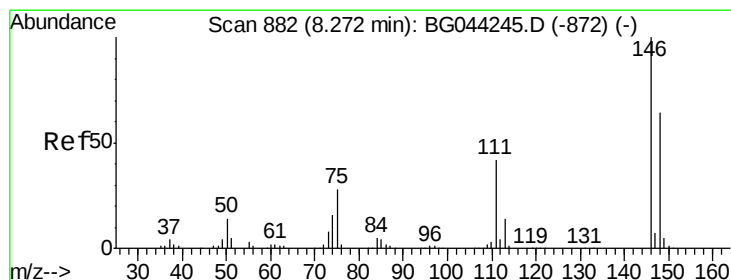
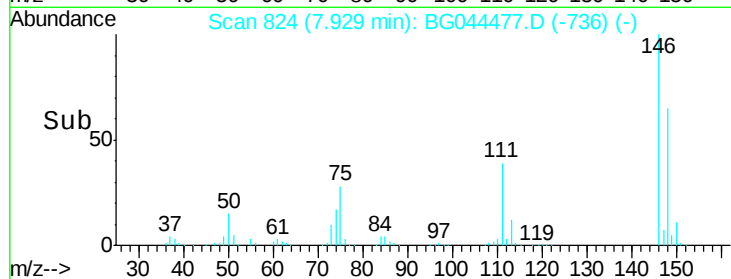
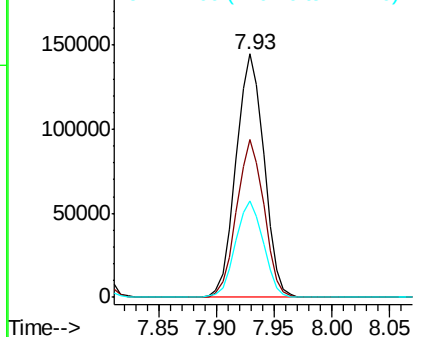
#13
 1,4-Dichlorobenzene
 Concen: 49.356 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 242443
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 39.5 31.8 47.8

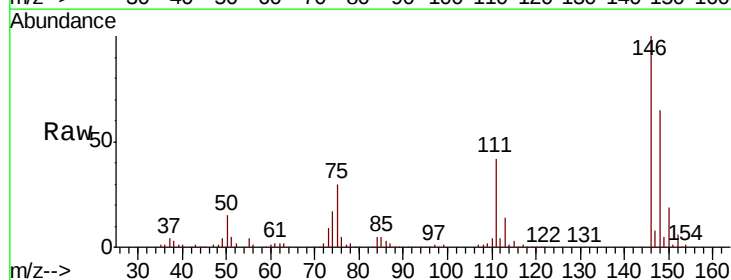


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

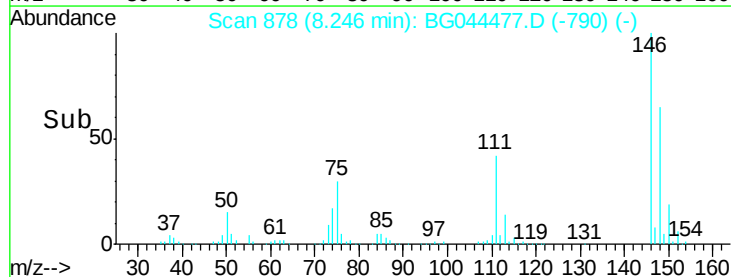
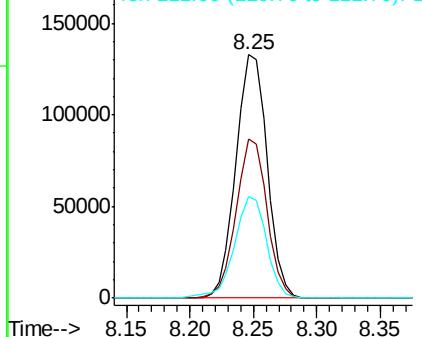


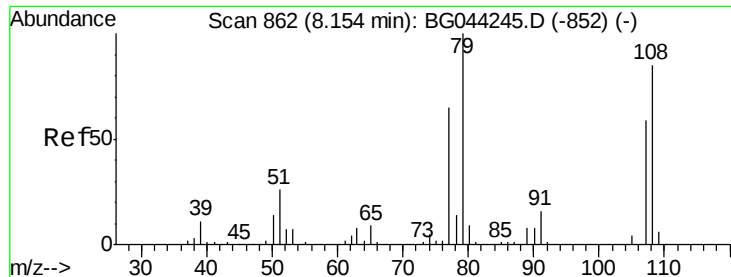
#14
 1,2-Dichlorobenzene
 Concen: 48.992 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion:146 Resp: 227470
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.2 76.8
 111 41.9 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: 50.276 ng

RT: 8.13 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampled :

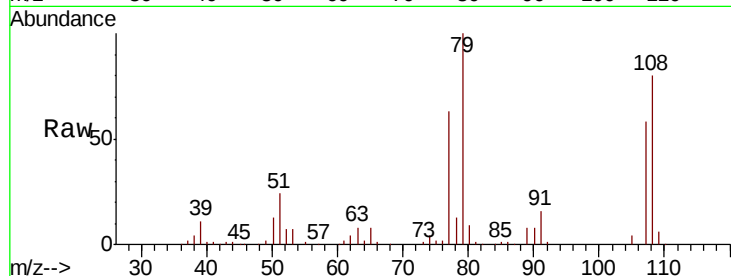
Tot Ion: 79 Resp: 180655

Ion Ratio Lower Upper

79 100

108 79.9 68.3 102.5

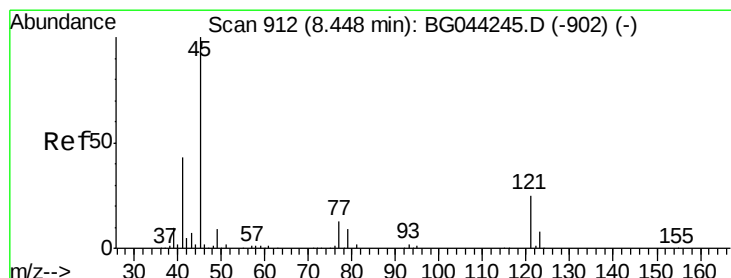
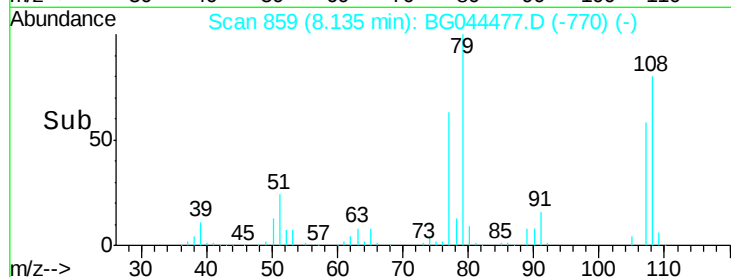
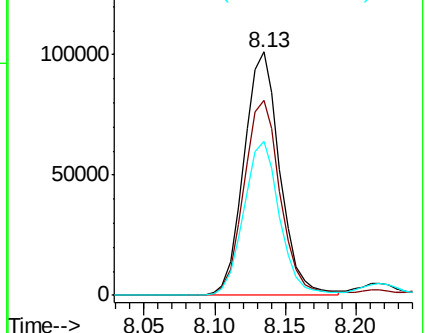
77 63.0 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.065 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

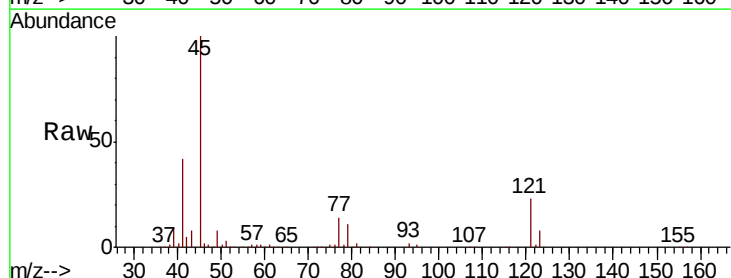
Tgt Ion: 45 Resp: 267742

Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.2

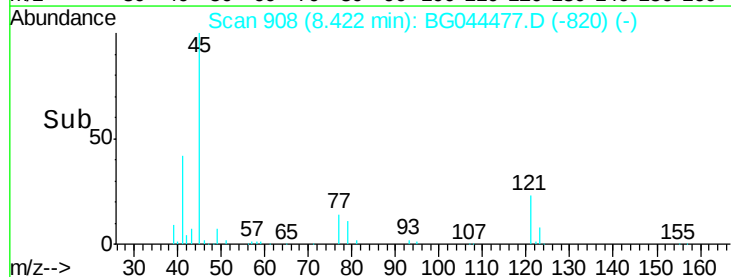
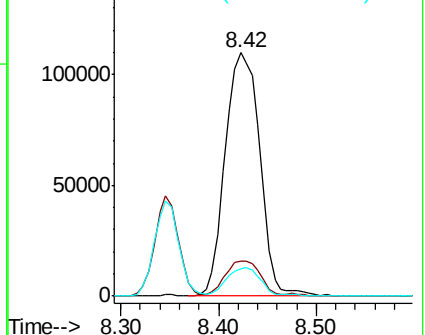
79 11.3 0.0 31.1

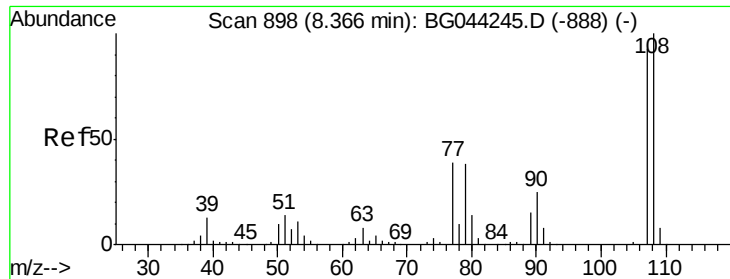


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

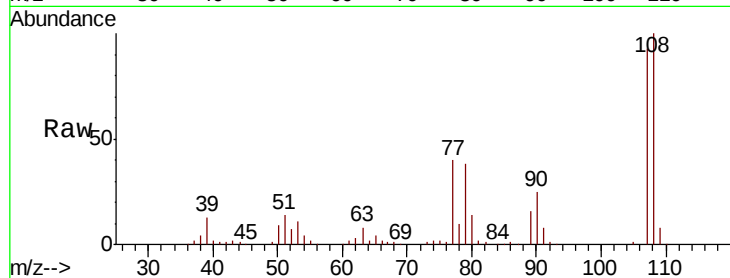




#17
2-Methylphenol
Concen: 50.273 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	86.4	129.6
77	43.2	34.0	51.0
79	40.6	32.9	49.3



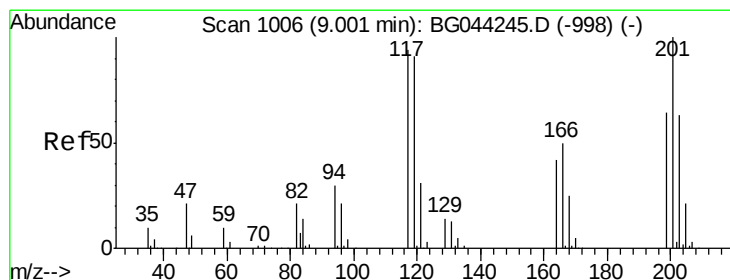
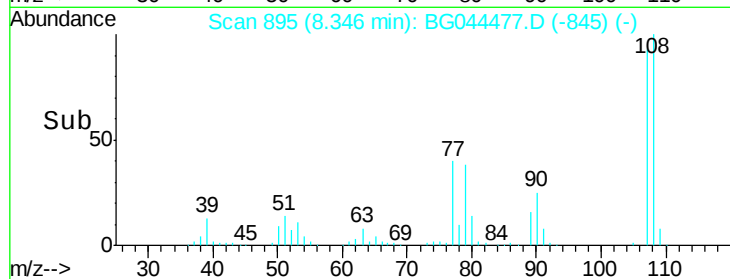
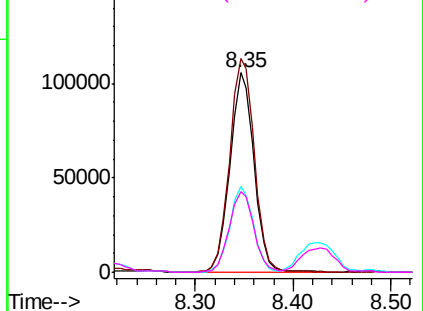
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

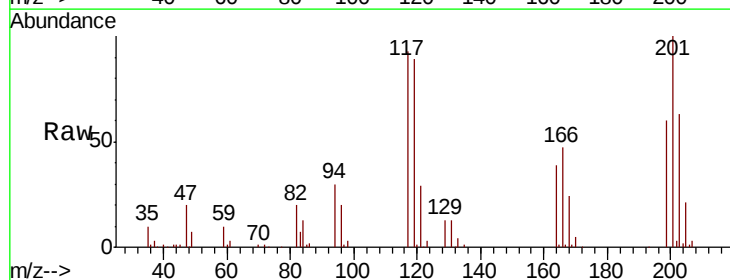
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 48.317 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.5	116.3
201	107.9	84.9	127.3

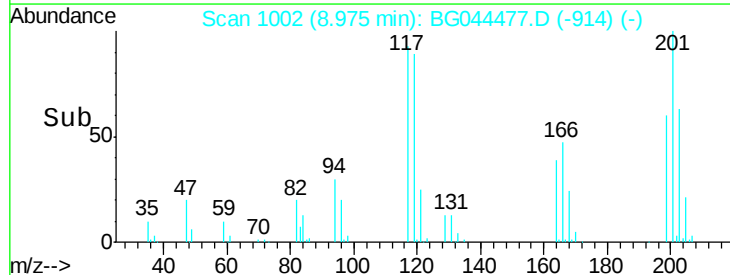
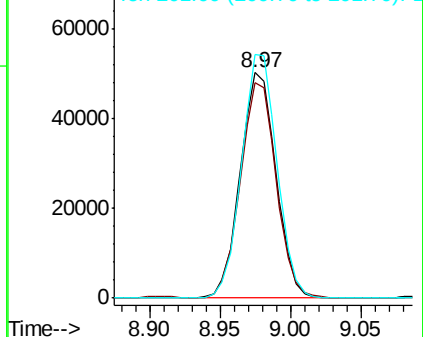


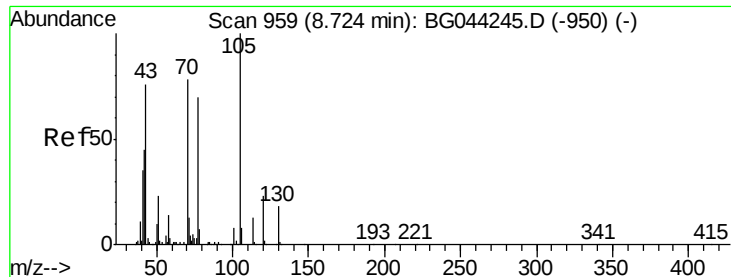
Abundance

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

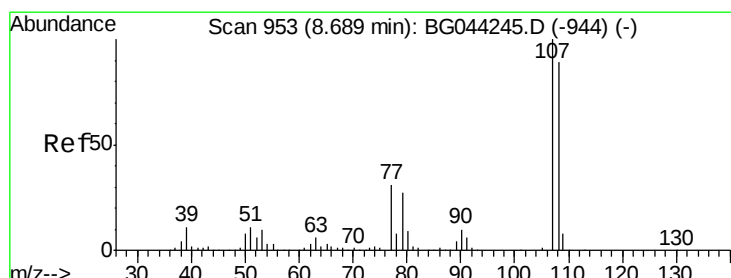
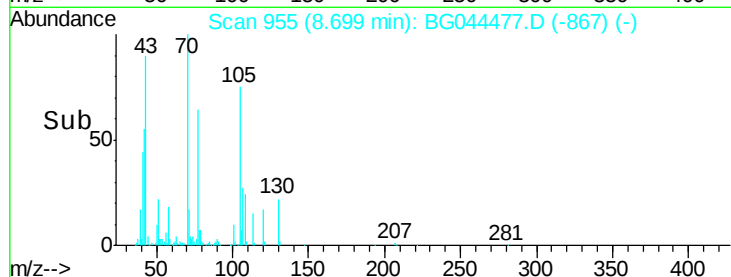
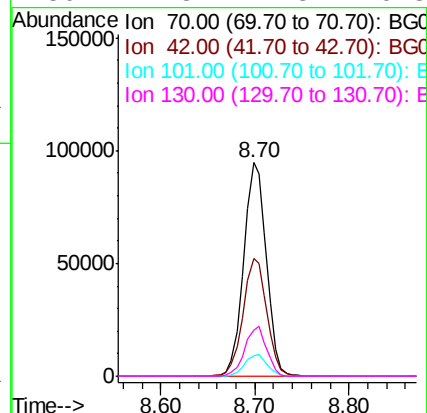
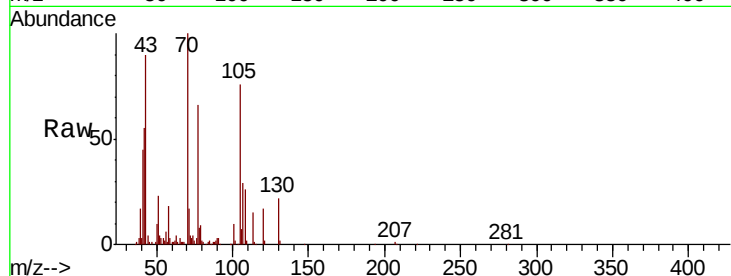




#19
n-Nitroso-di-n-propylamine
Concen: 46.623 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

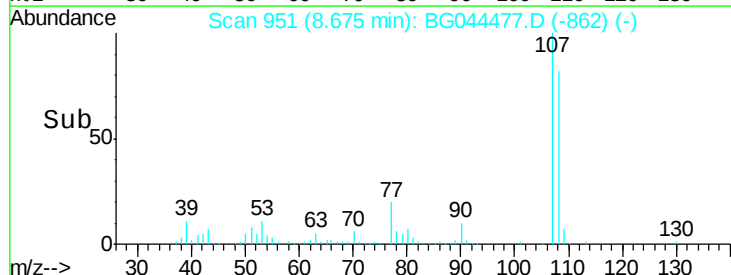
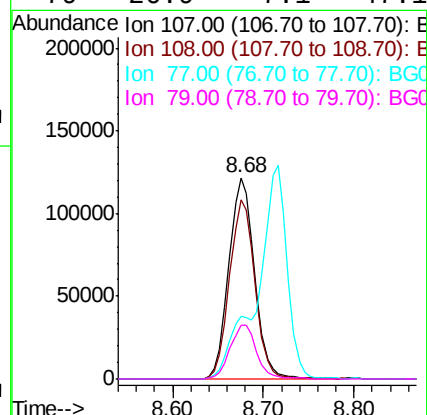
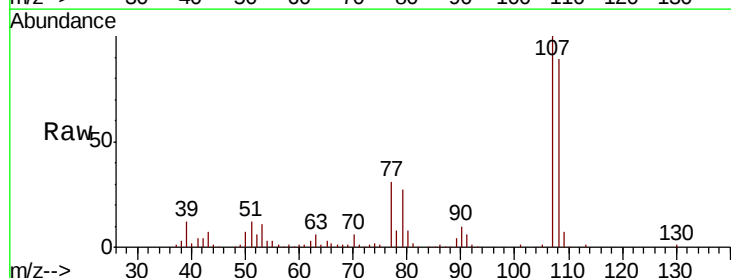
Instrument :
BNA_G
ClientSampleId :

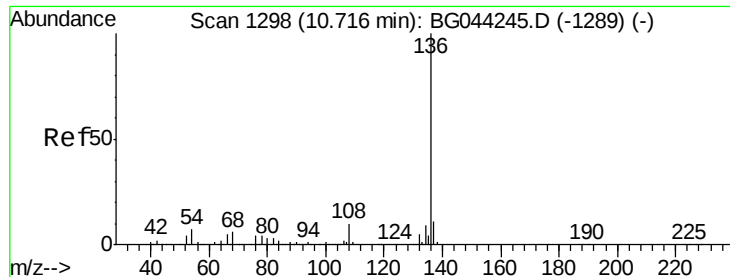
Tot Ion:	70	Resp:	157703
Ion	Ratio	Lower	Upper
70	100		
42	55.3	46.2	69.2
101	9.9	8.4	12.6
130	21.8	17.8	26.8



#20
3+4-Methylphenols
Concen: 48.604 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:	107	Resp:	240056
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.5	108.5
77	31.2	10.9	50.9
79	26.9	7.1	47.1

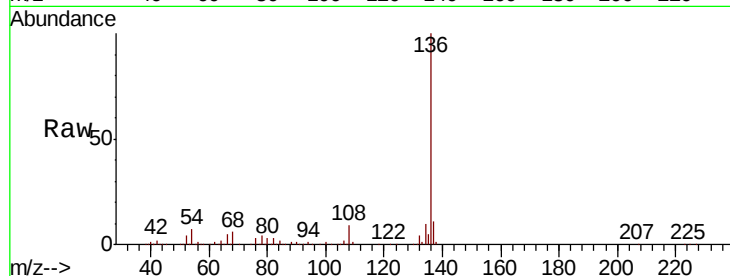




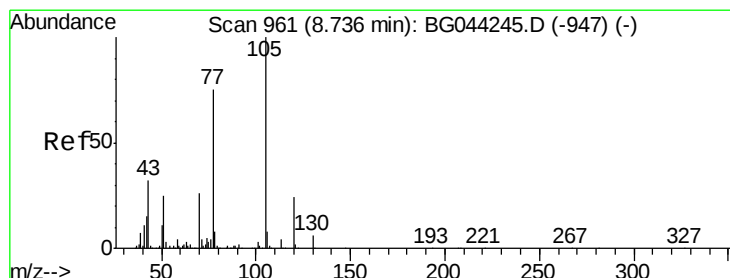
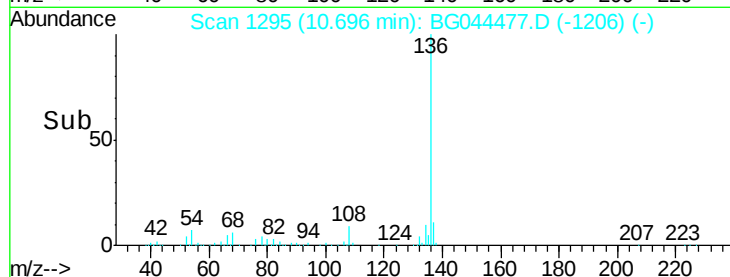
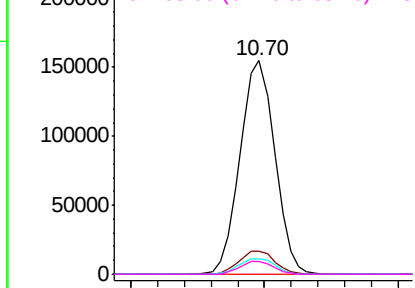
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	279026	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 7.2	5.8	8.8	
68 5.7	4.6	6.8	

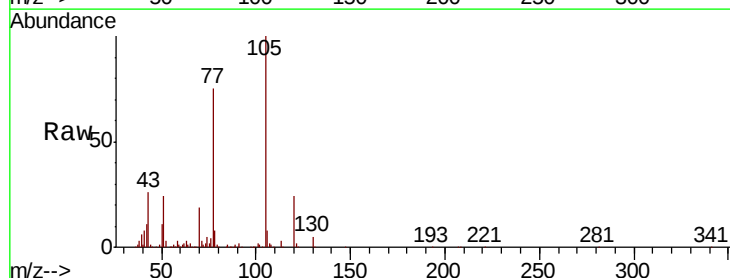


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

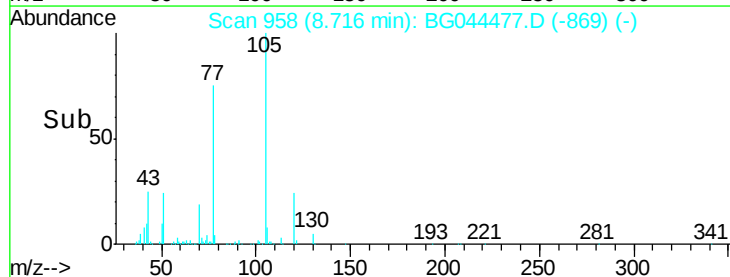
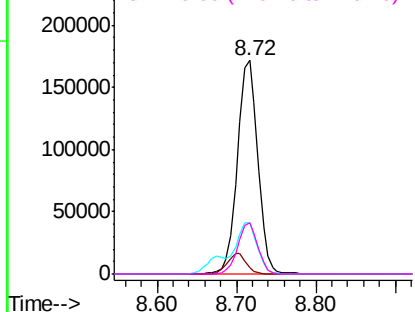


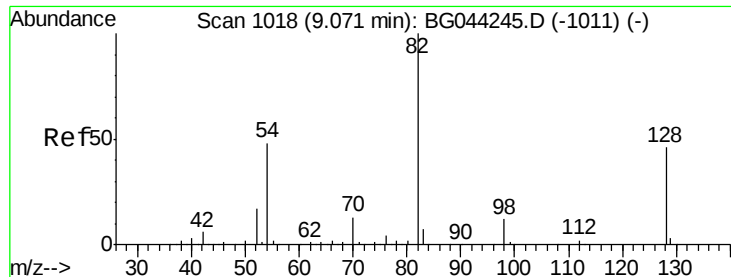
#22
Acetophenone
Concen: 44.883 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt	Ion:105	Resp:	304658
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.4	5.0#
51	24.1	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

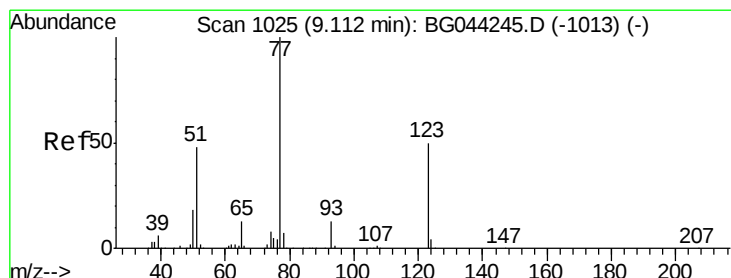
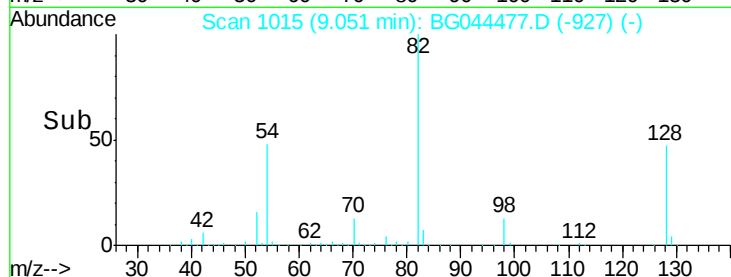
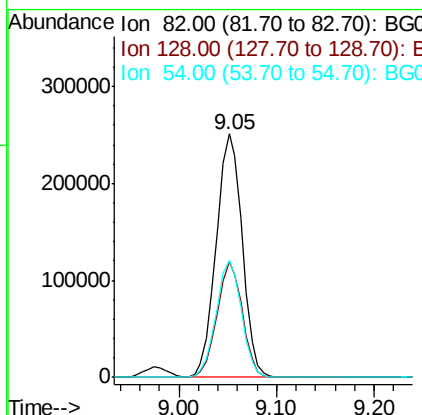
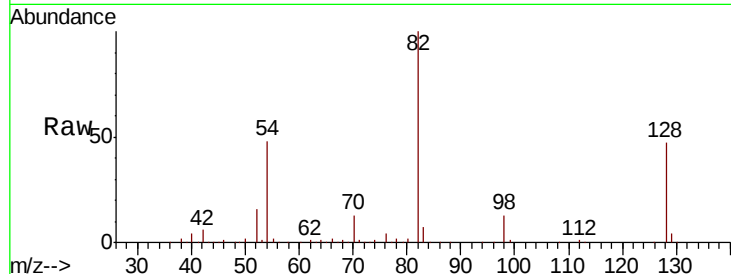




#23
Nitrobenzene-d5
Concen: 93.276 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

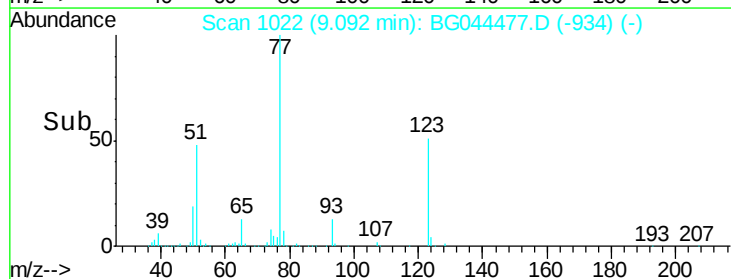
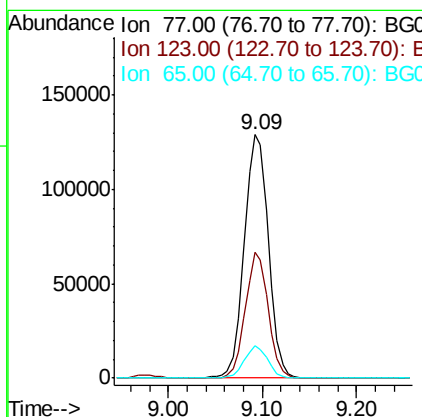
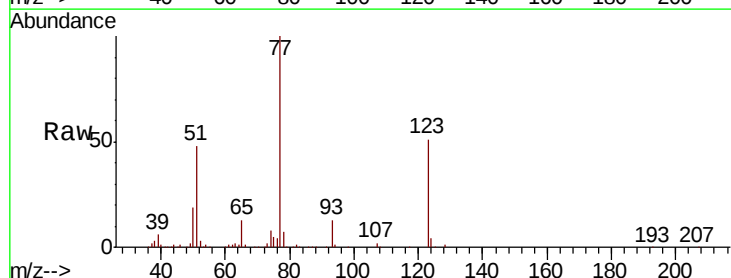
Instrument :
BNA_G
ClientSampleId :

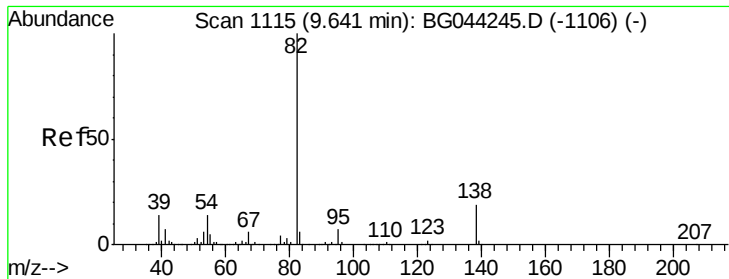
Tot Ion	82	Resp	461000
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.5	54.7
54	47.9	38.6	58.0



#24
Nitrobenzene
Concen: 47.400 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	77	Resp	228705
Ion Ratio	Lower	Upper	
77	100		
123	51.5	39.9	59.9
65	13.1	10.4	15.6





#25

Isophorone

Concen: 47.783 ng

RT: 9.62 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

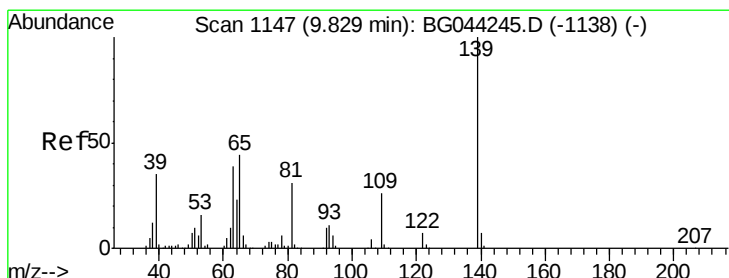
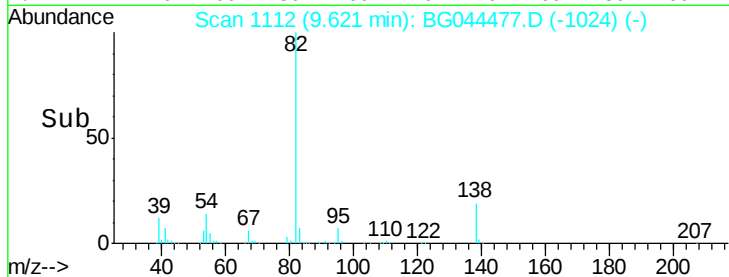
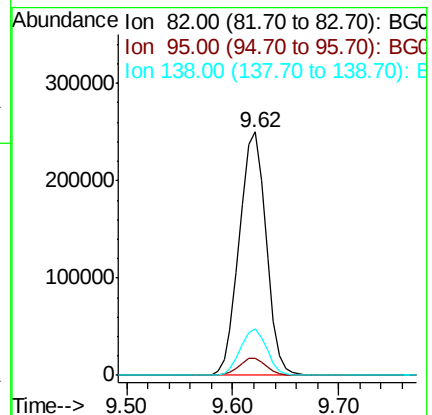
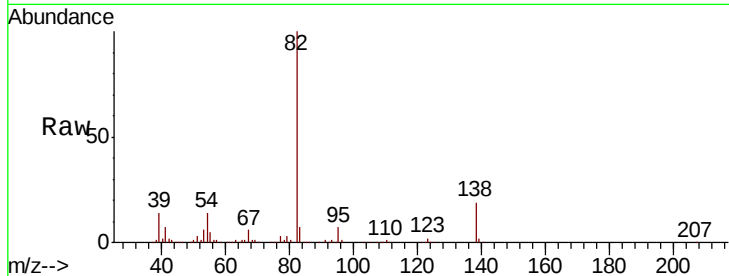
Tot Ion: 82 Resp: 440172

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 18.9 15.0 22.4



#26

2-Nitrophenol

Concen: 51.713 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

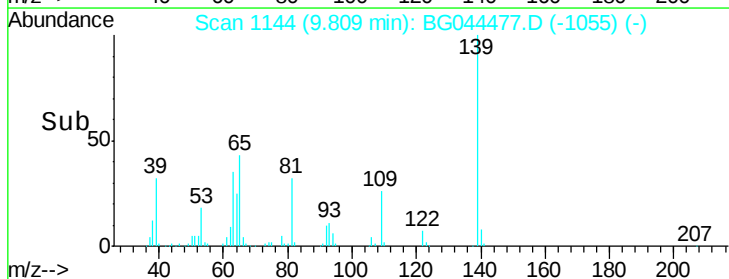
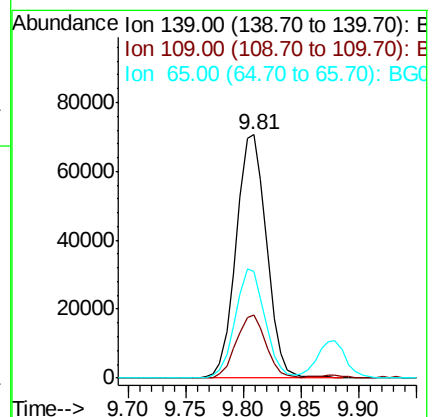
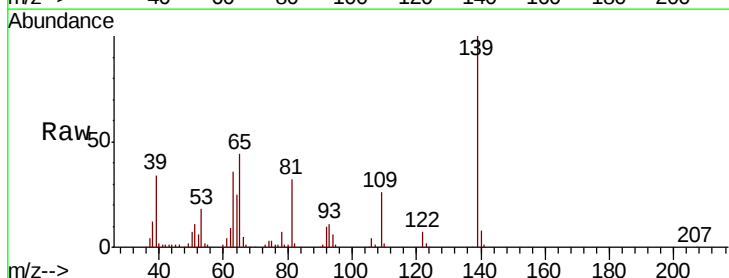
Tgt Ion: 139 Resp: 129468

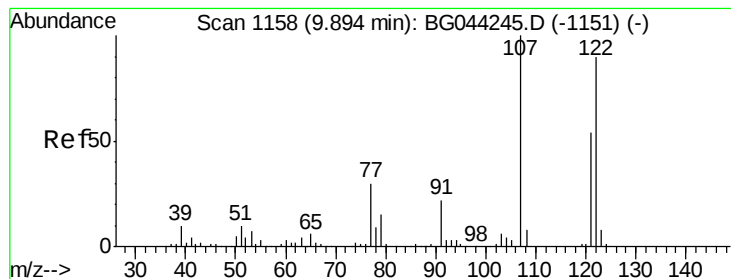
Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.4

65 43.9 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 58.058 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

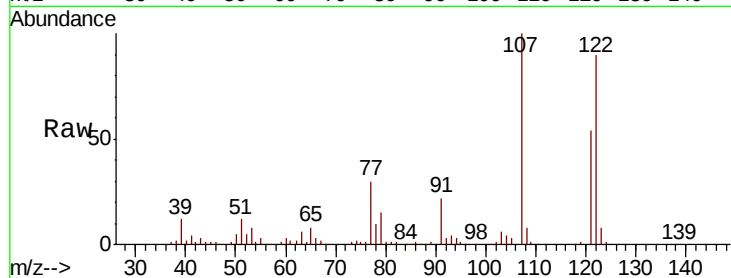
Tot Ion:122 Resp: 205183

Ion Ratio Lower Upper

122 100

107 111.7 88.8 133.2

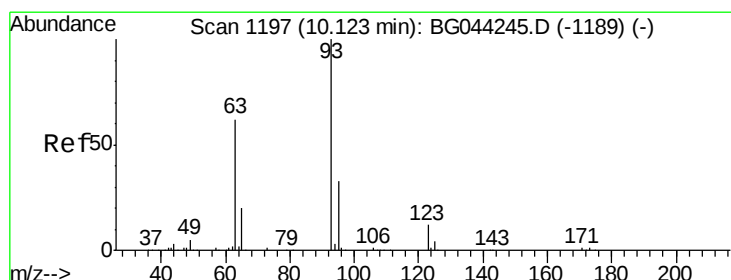
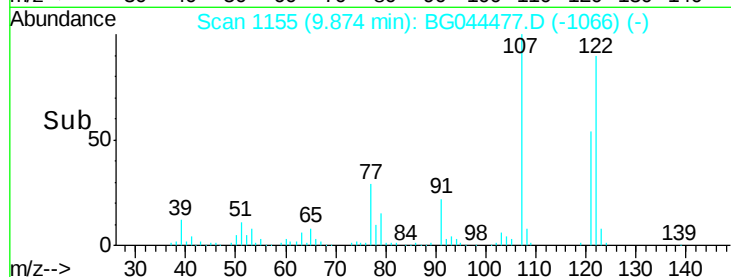
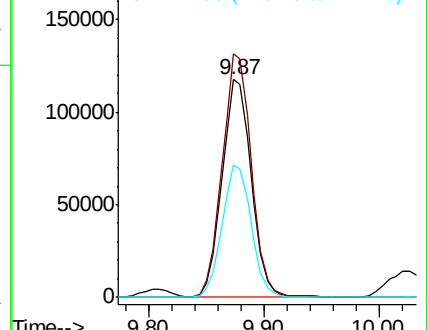
121 60.6 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.702 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

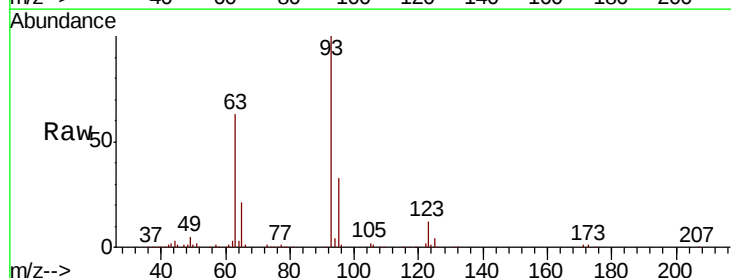
Tgt Ion: 93 Resp: 274703

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

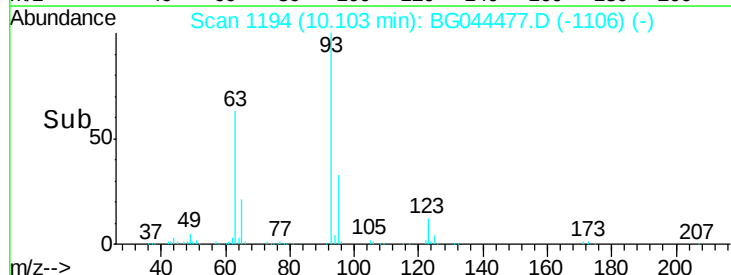
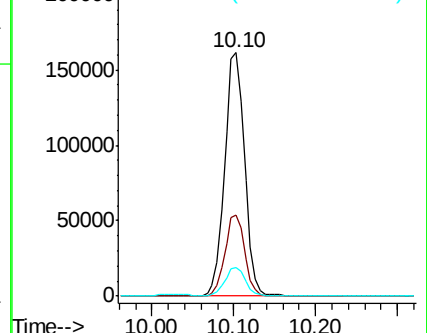
123 11.8 10.0 15.0

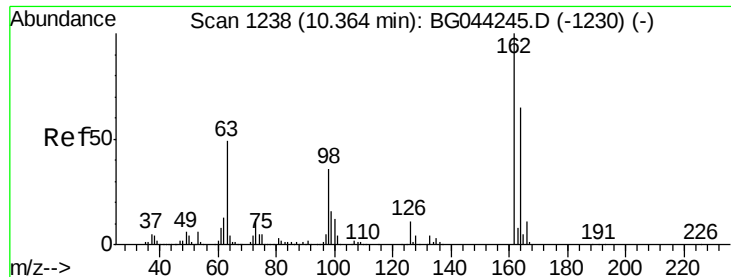


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

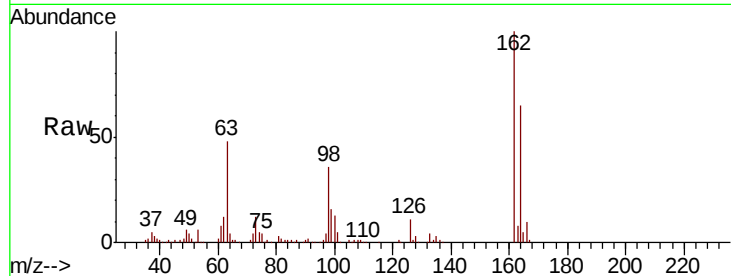




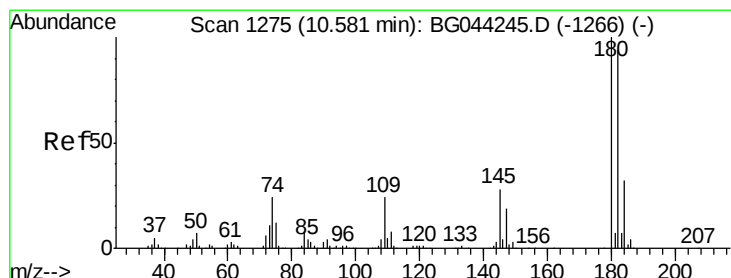
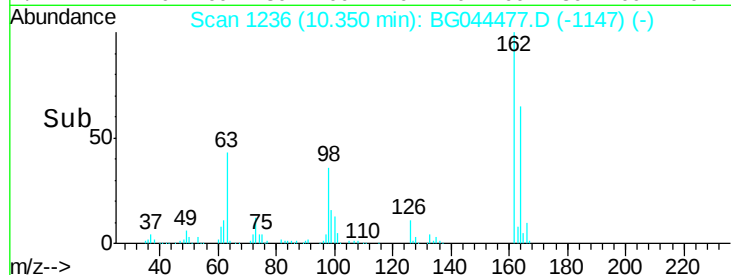
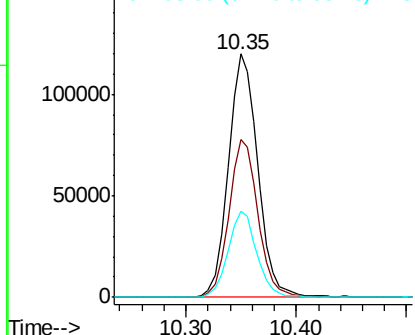
#29
2,4-Dichlorophenol
Concen: 52.368 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	35.6	15.8	55.8

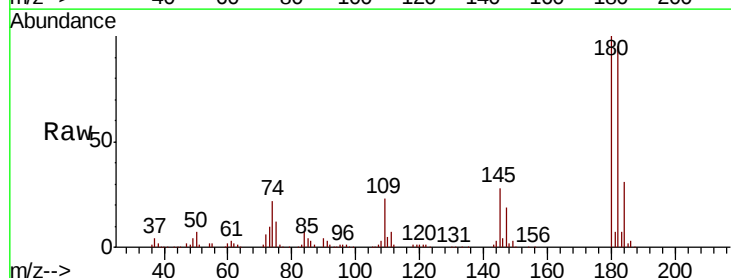


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

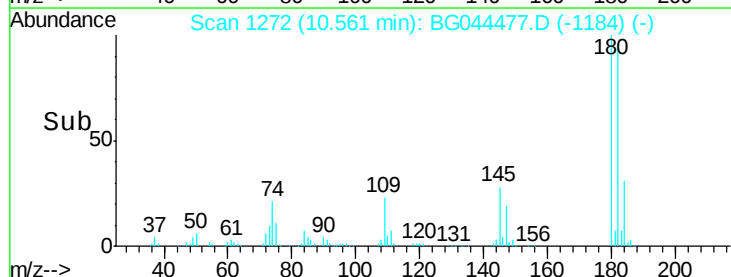
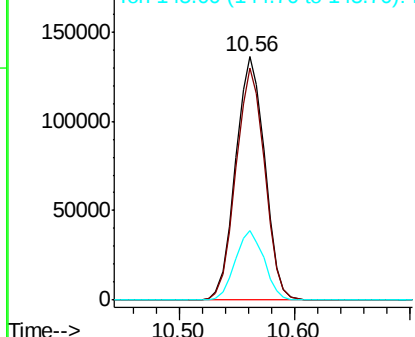


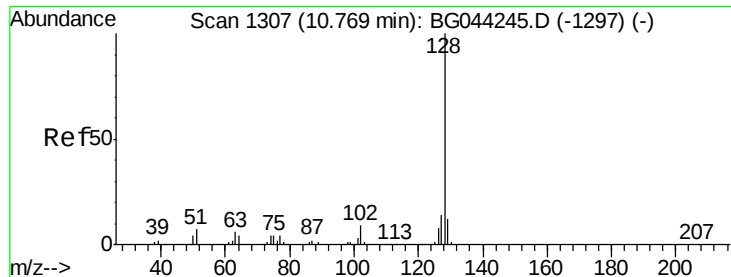
#30
1,2,4-Trichlorobenzene
Concen: 48.486 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.5	113.3
145	28.5	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

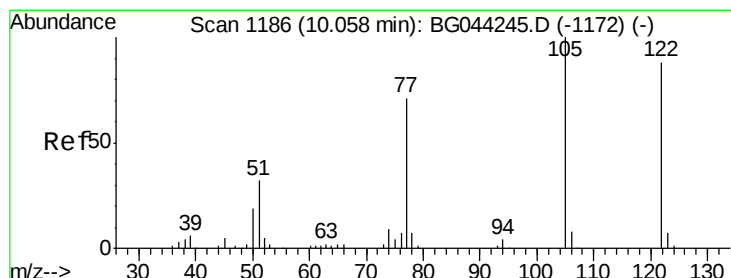
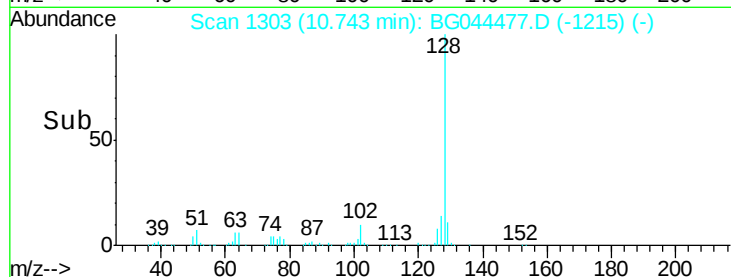
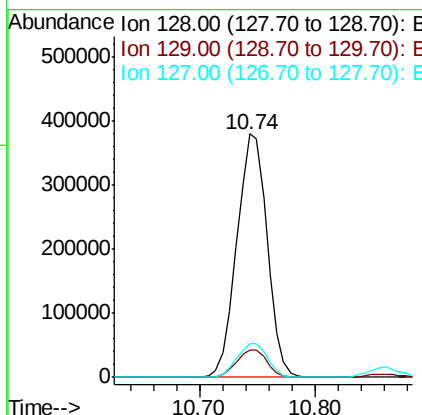
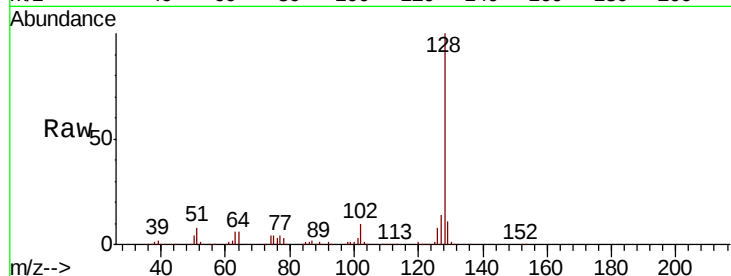




#31
Naphthalene
Concen: 51.108 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

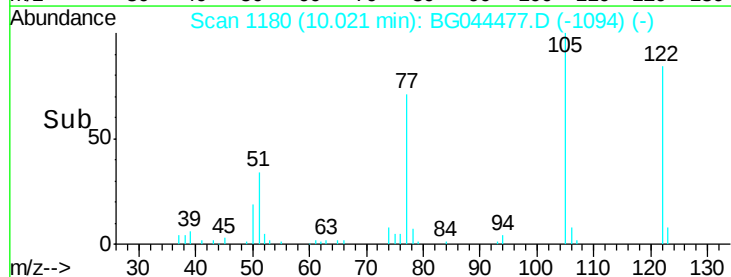
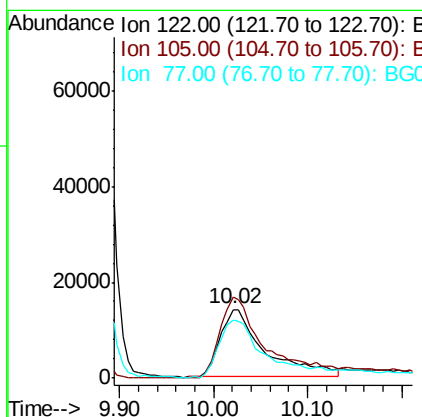
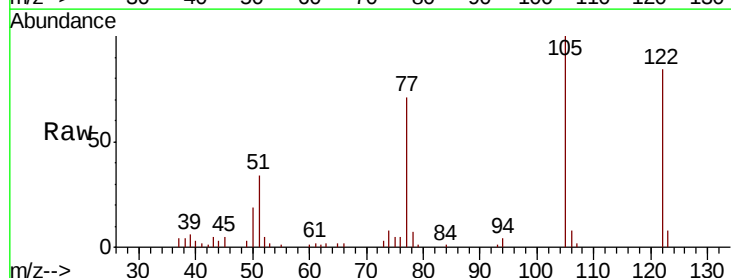
Instrument :
BNA_G
ClientSampleId :

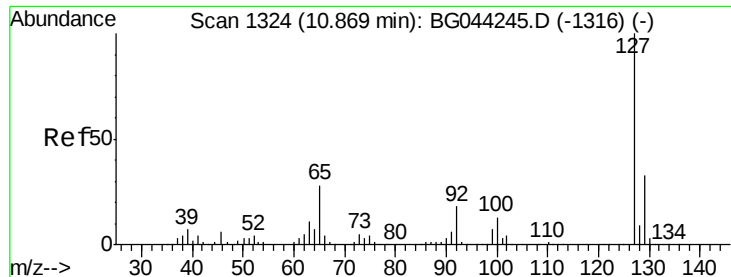
Tot Ion:128 Resp: 691869
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.0 11.6 17.4



#32
Benzoic acid
Concen: 28.358 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:122 Resp: 46861
Ion Ratio Lower Upper
122 100
105 118.5 93.5 133.5
77 84.1 61.0 101.0

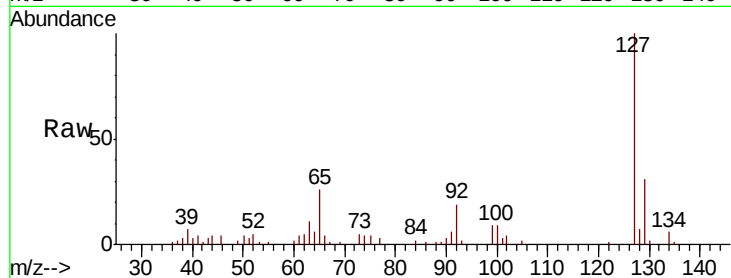




#33
4-Chloroaniline
Concen: 5.564 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	34255
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.6	40.0
65	25.9	22.5	33.7
92	19.2	14.1	21.1



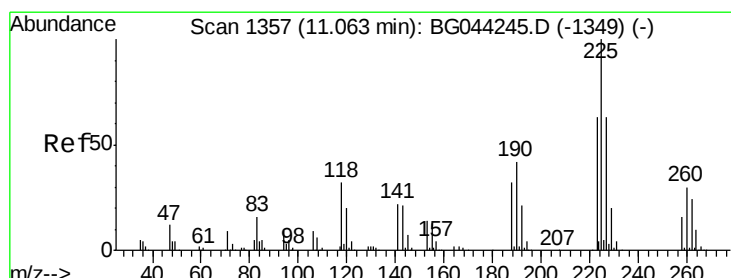
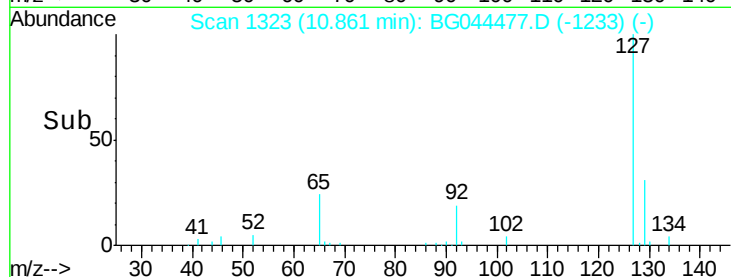
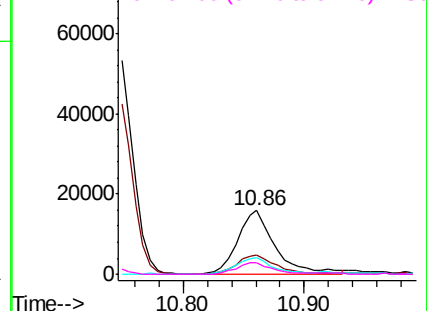
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

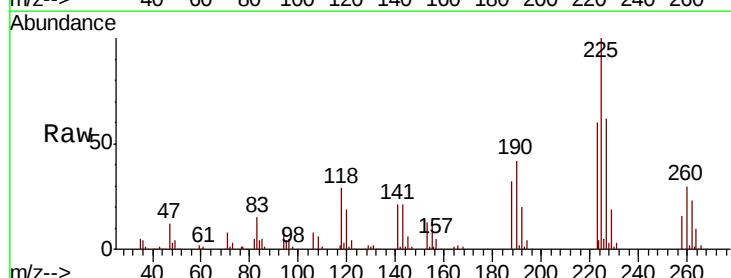
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.837 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:	225	Resp:	138202
Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.2	75.4
227	62.3	50.8	76.2

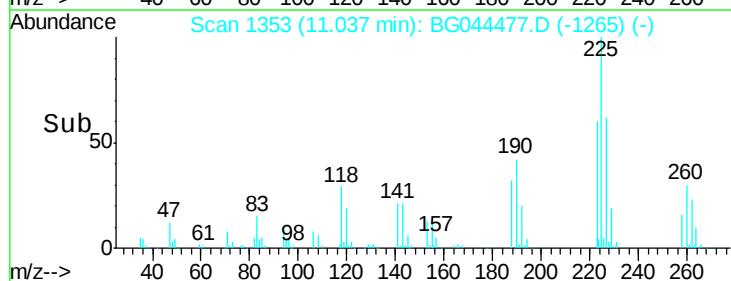
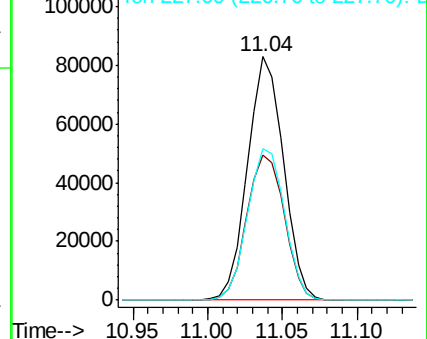


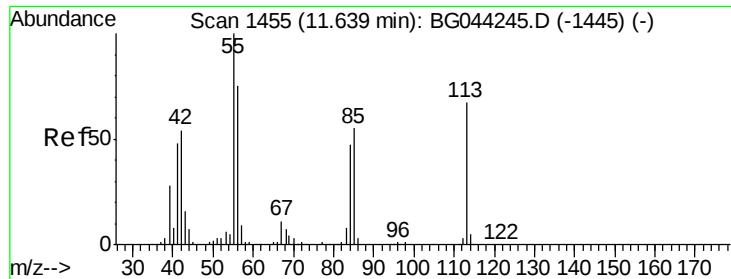
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.710 ng

RT: 11.62 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampled :

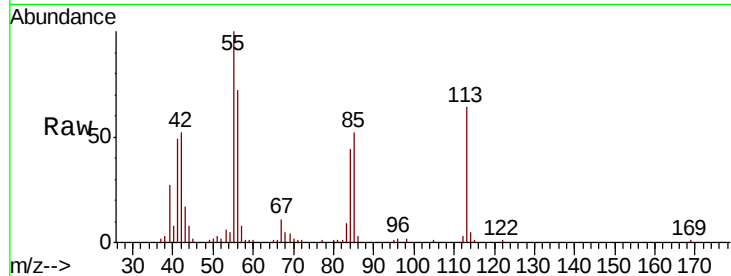
Tot Ion:113 Resp: 44942

Ion Ratio Lower Upper

113 100

55 155.5 129.9 169.9

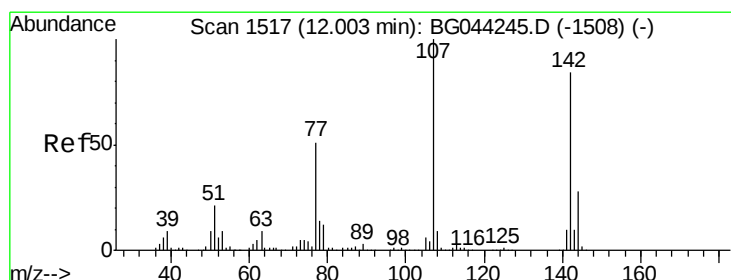
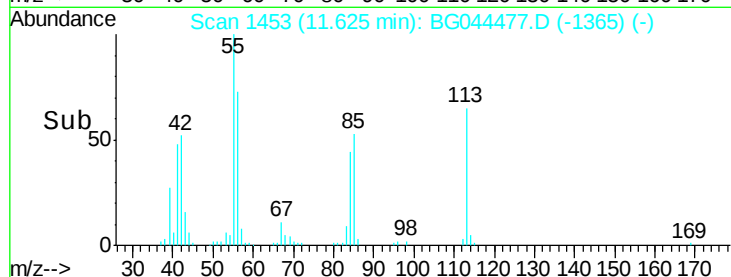
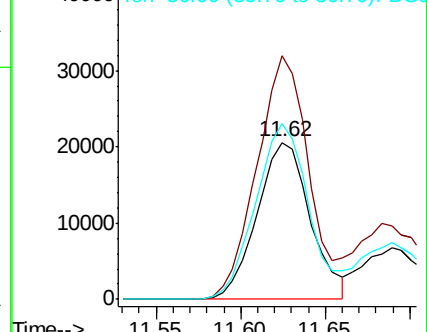
56 112.4 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.571 ng

RT: 11.99 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

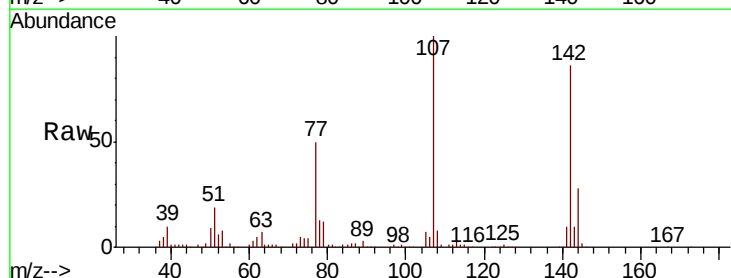
Tgt Ion:107 Resp: 240017

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.4

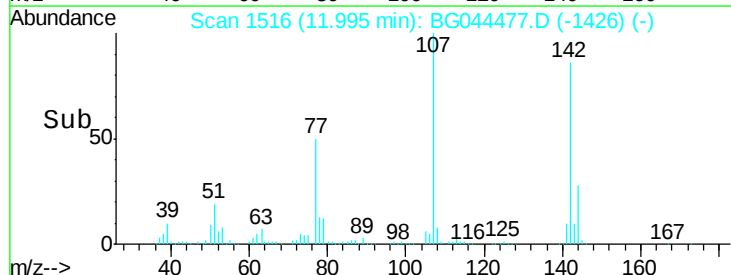
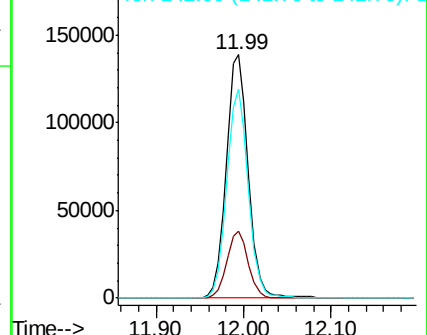
142 85.9 67.4 101.0

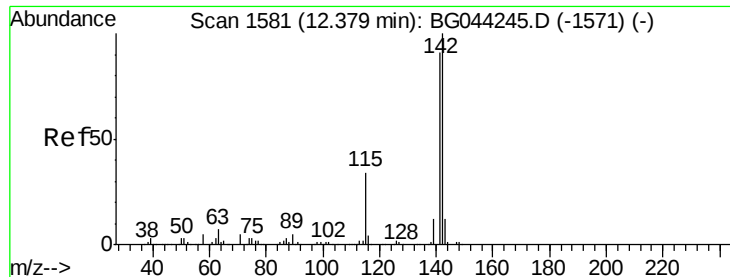


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

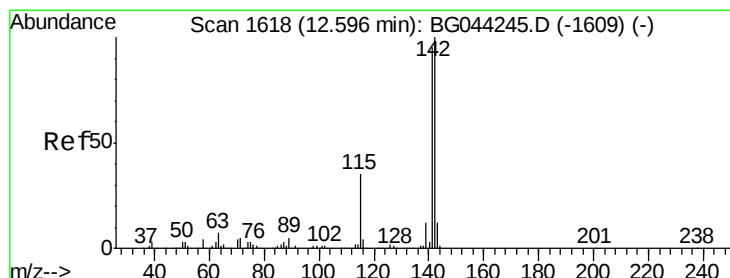
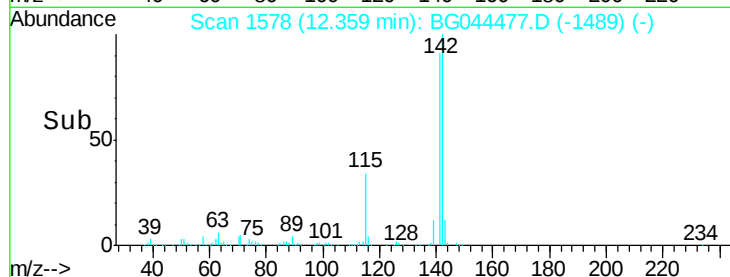
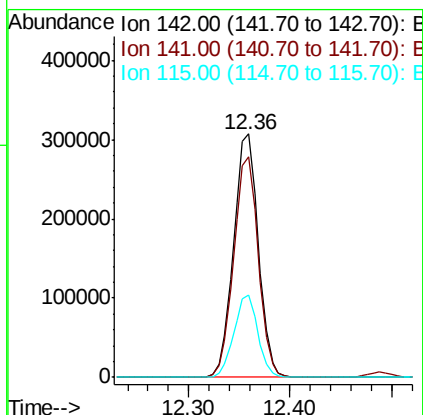
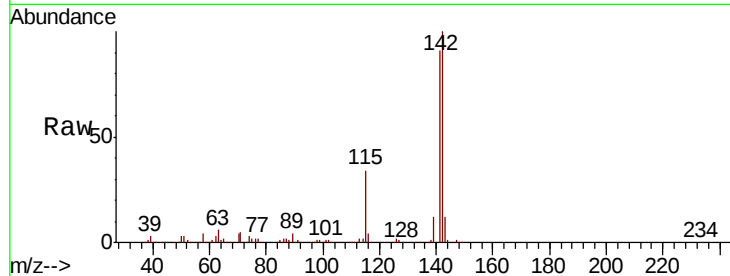




#37
2-Methylnaphthalene
Concen: 51.698 ng
RT: 12.36 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

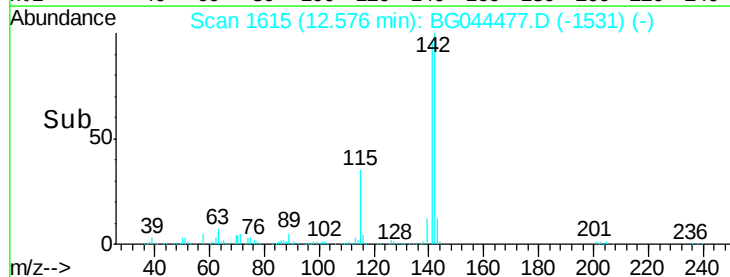
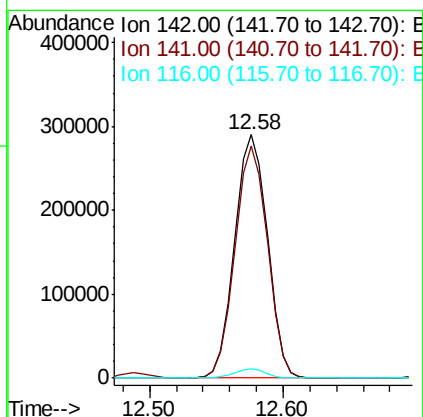
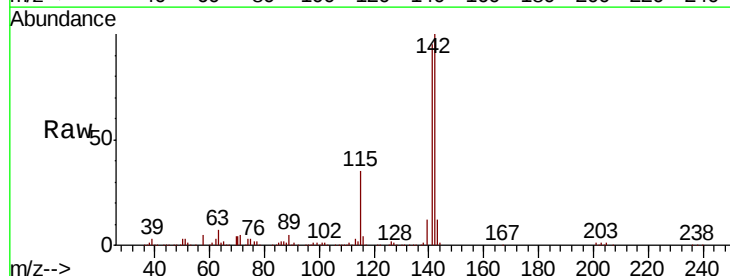
Instrument :
BNA_G
ClientSampleId :

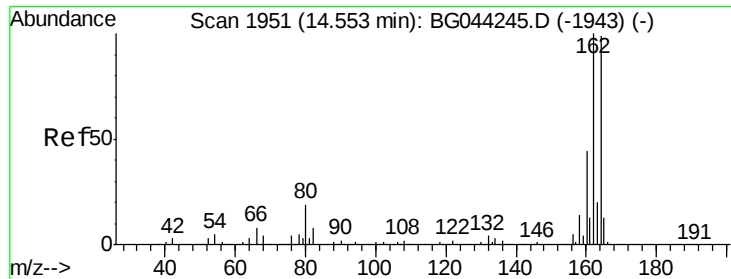
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8
115	33.7	27.1	40.7



#38
1-Methylnaphthalene
Concen: 52.245 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

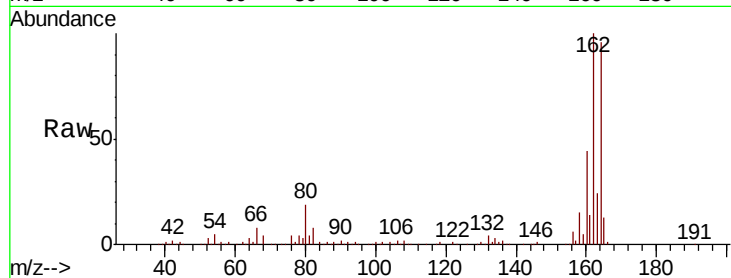
Tot Ion:164 Resp: 190910

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

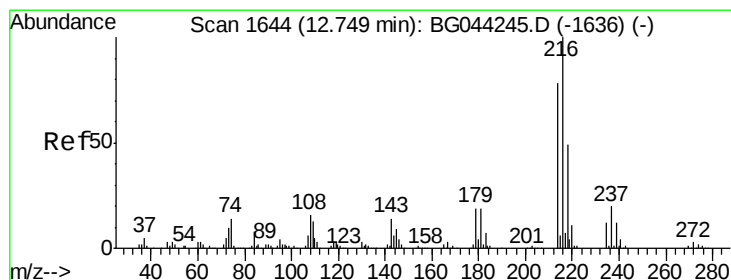
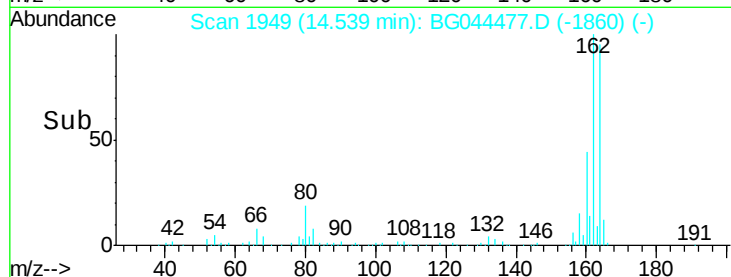
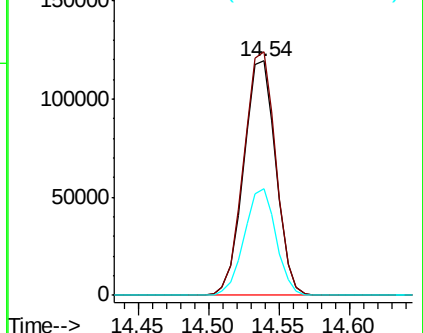
160 45.7 35.3 52.9



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: 46.606 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:216 Resp: 266157

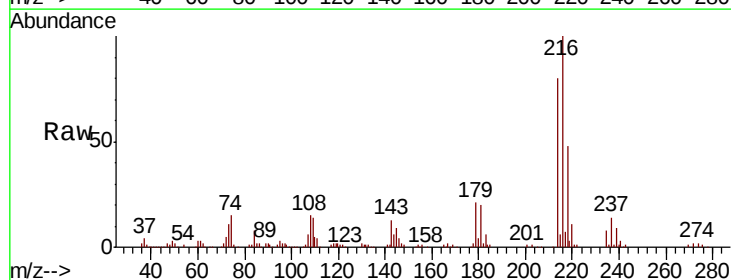
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.6

179 20.9 16.2 24.4

108 16.2 13.5 20.3

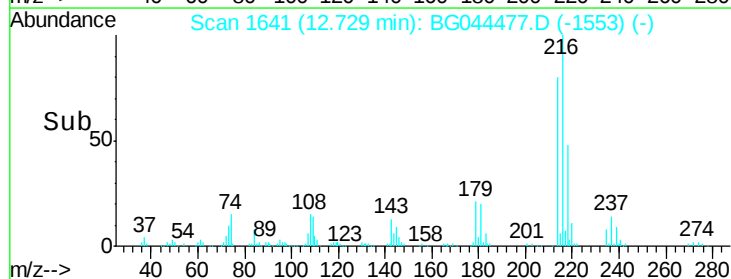
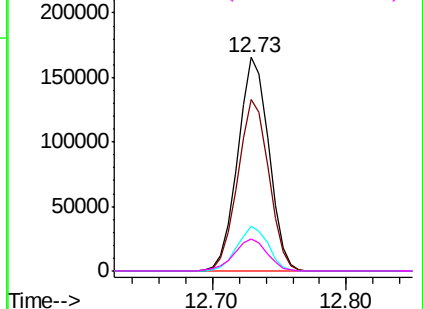


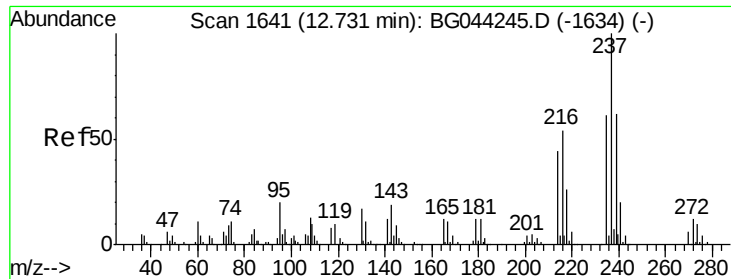
Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.256 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampled :

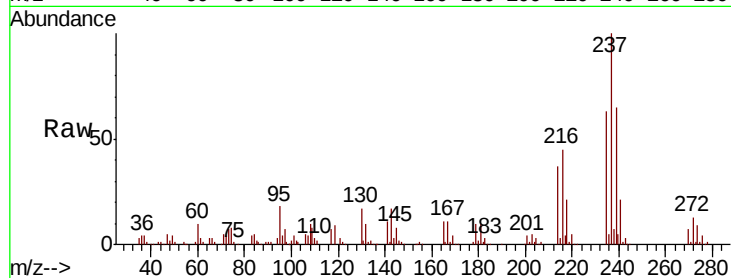
Tot Ion:237 Resp: 124010

Ion Ratio Lower Upper

237 100

235 62.5 41.2 81.2

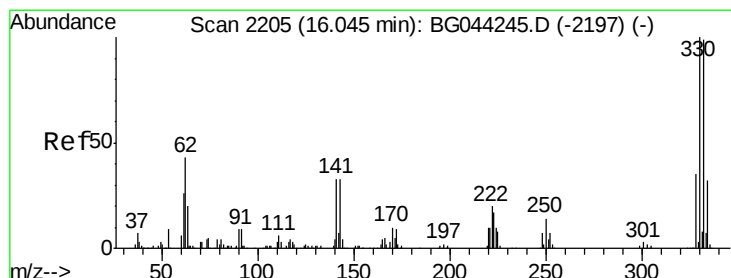
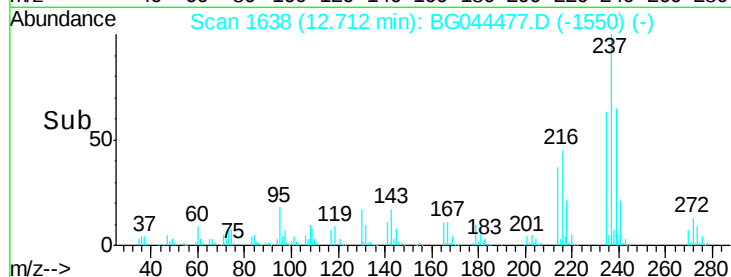
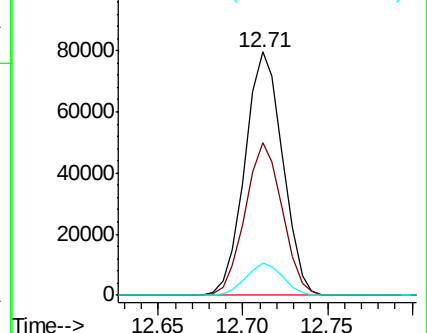
272 13.1 0.0 32.4



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: 151.462 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

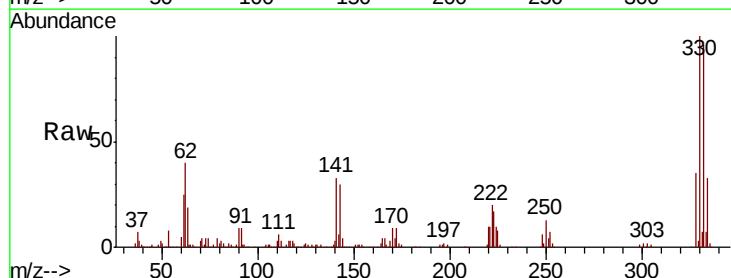
Tgt Ion:330 Resp: 339453

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

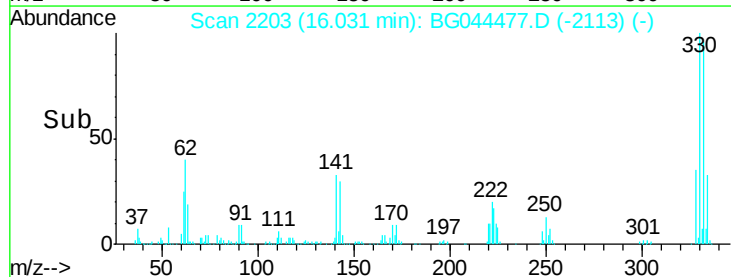
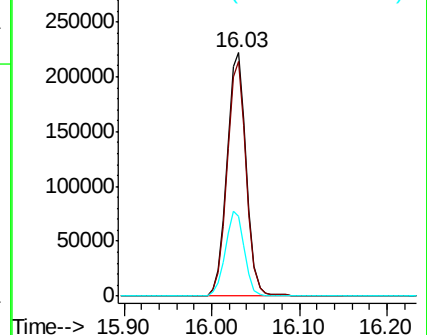
141 34.6 28.3 42.5

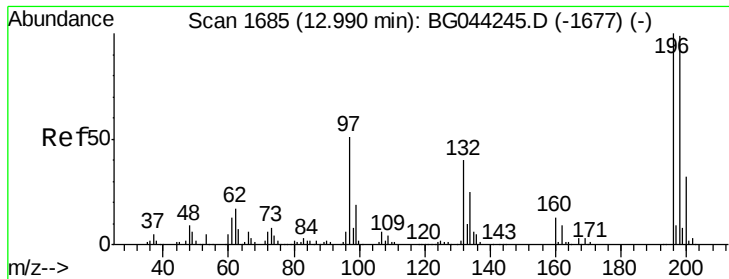


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

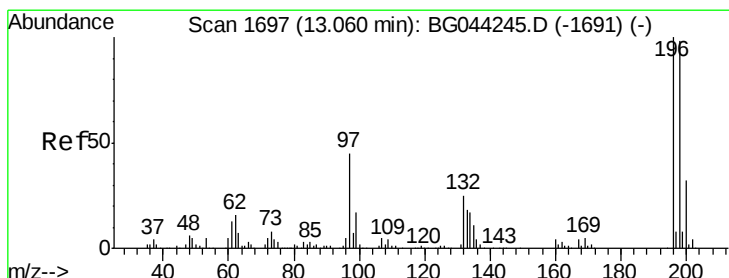
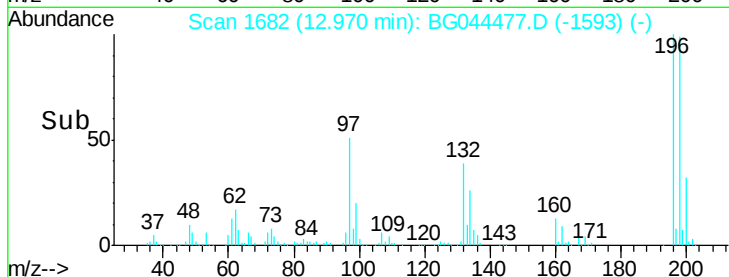
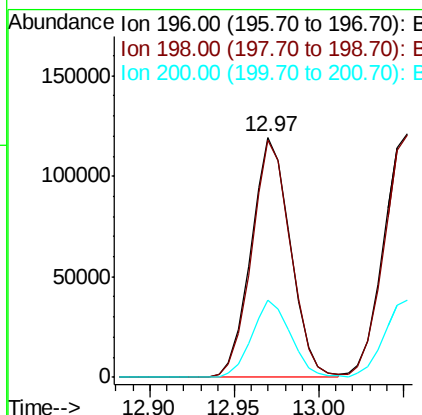
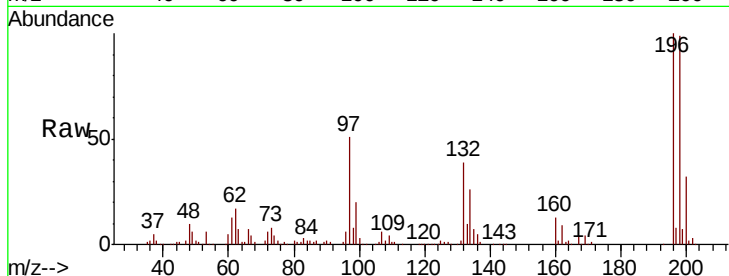




#43
 2,4,6-Trichlorophenol
 Concen: 51.964 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

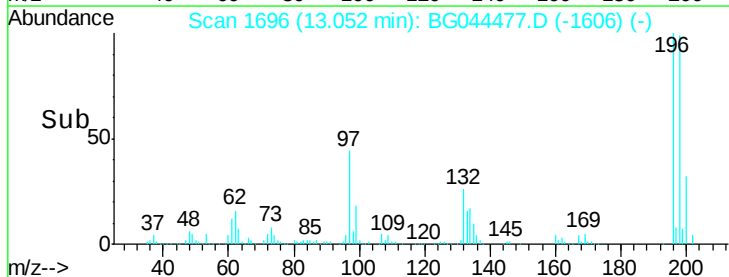
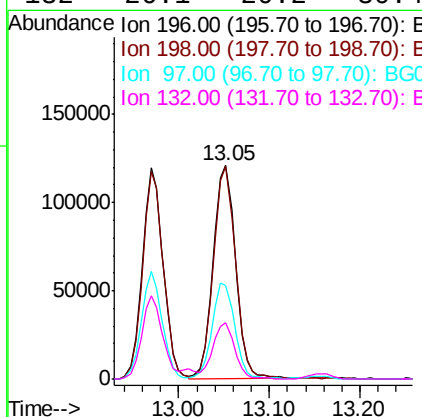
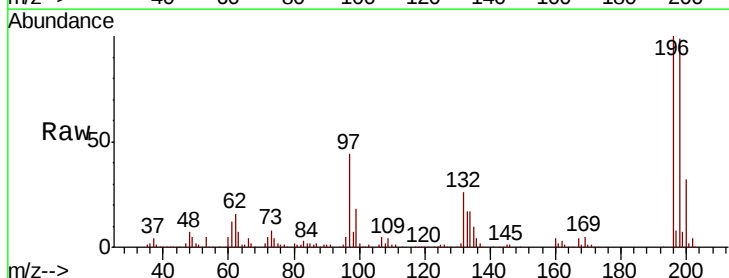
Instrument :
 BNA_G
 ClientSampleId :

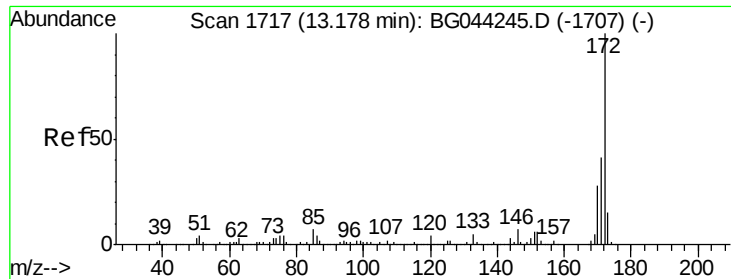
Tot Ion:196 Resp: 191814
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.3 118.9
 200 32.1 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 55.037 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion:196 Resp: 207506
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.2 117.2
 97 44.0 36.2 54.4
 132 26.1 20.2 30.4

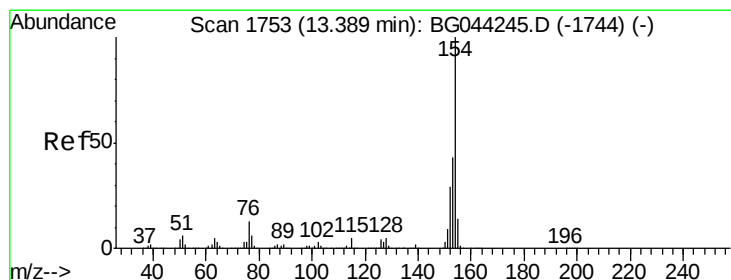
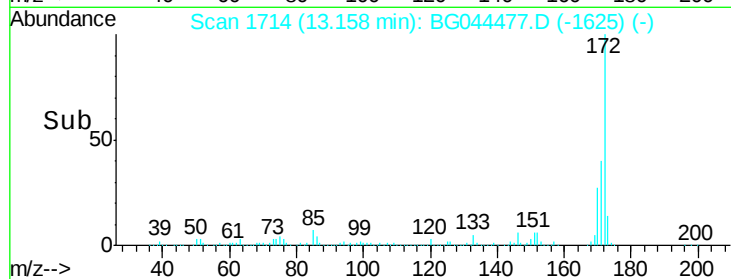
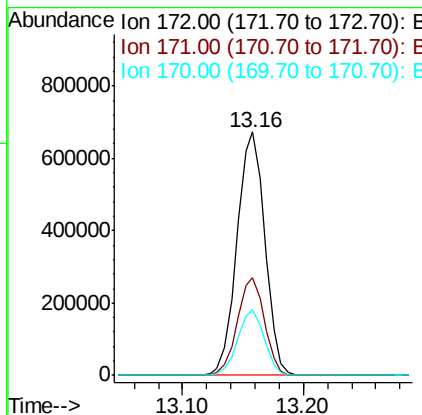
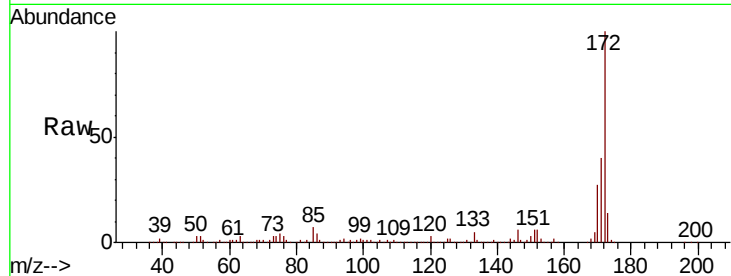




#45
2-Fluorobiphenyl
Concen: 94.835 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

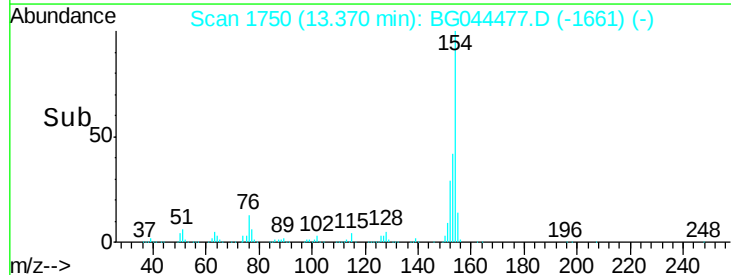
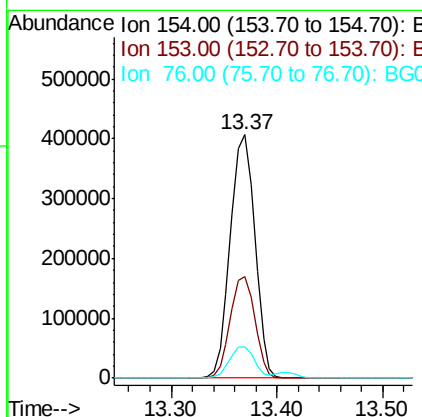
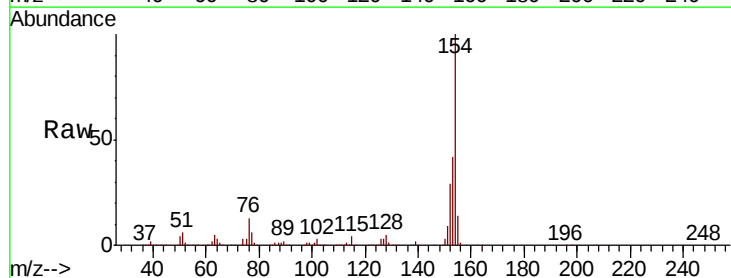
Instrument :
BNA_G
ClientSampleId :

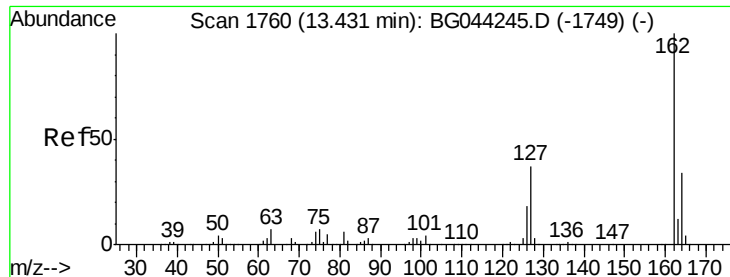
Tot Ion:172 Resp: 1081183
Ion Ratio Lower Upper
172 100
171 40.1 32.9 49.3
170 26.7 22.0 33.0



#46
1,1'-Biphenyl
Concen: 47.563 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:154 Resp: 654974
Ion Ratio Lower Upper
154 100
153 41.9 22.7 62.7
76 12.6 0.0 32.9

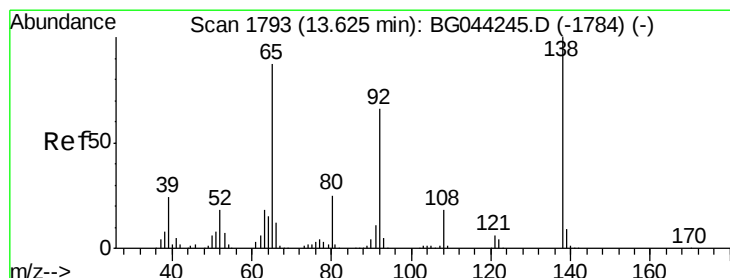
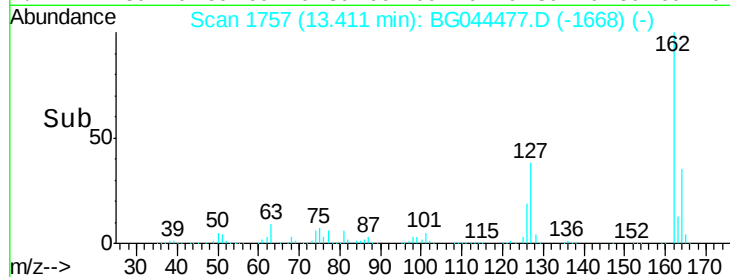
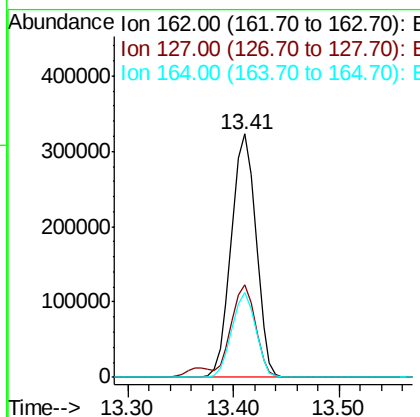
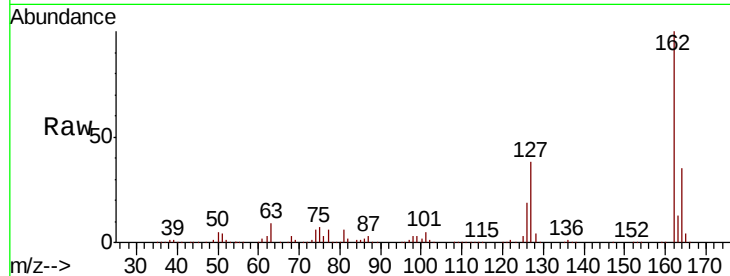




#47
 2-Chloronaphthalene
 Concen: 47.644 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

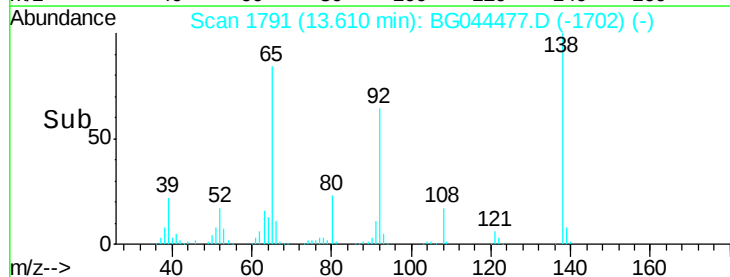
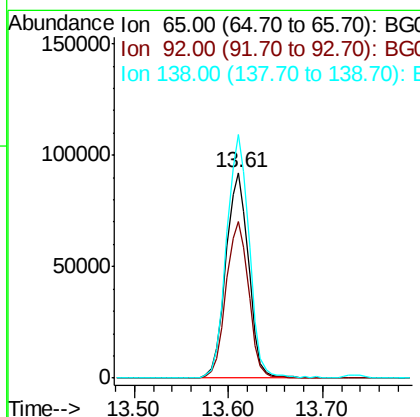
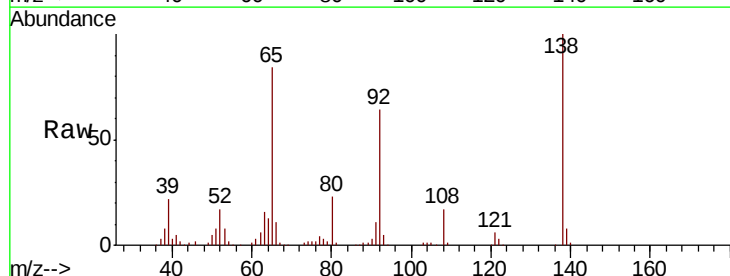
Instrument :
 BNA_G
 ClientSampleId :

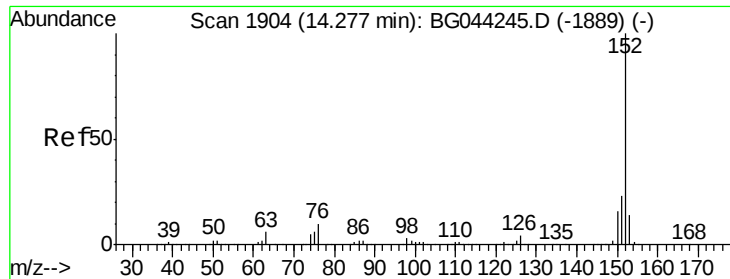
Tot Ion:162 Resp: 522079
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.0 45.0
 164 34.8 27.2 40.8



#48
 2-Nitroaniline
 Concen: 47.982 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion: 65 Resp: 155168
 Ion Ratio Lower Upper
 65 100
 92 76.0 60.3 90.5
 138 118.5 91.9 137.9





#49

Acenaphthylene

Concen: 51.938 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

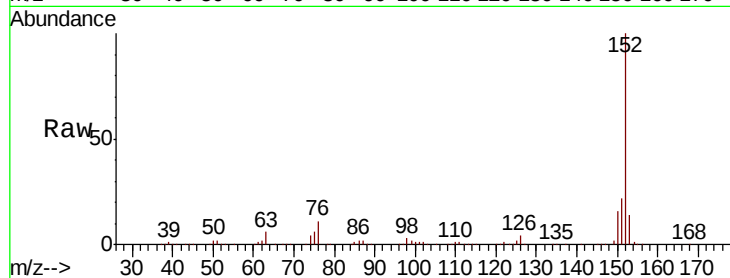
Tot Ion:152 Resp: 834768

Ion Ratio Lower Upper

152 100

151 22.3 18.1 27.1

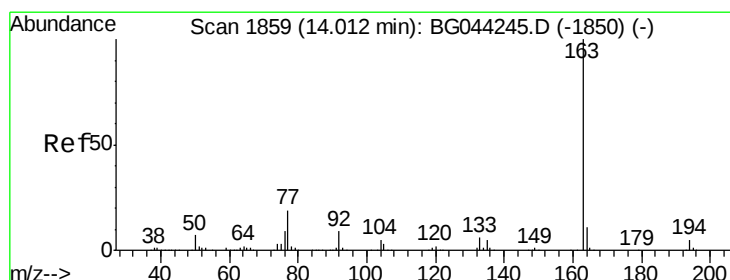
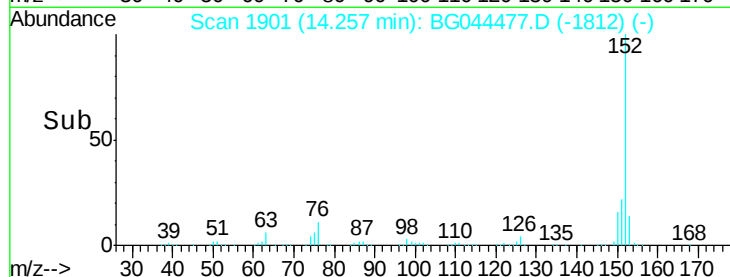
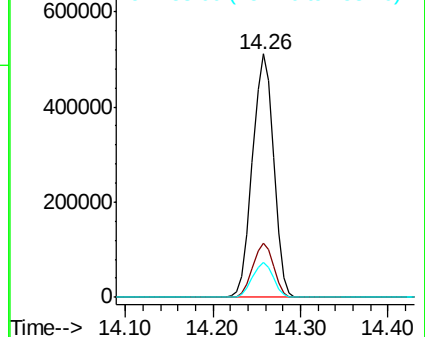
153 14.3 11.5 17.3



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: 48.605 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

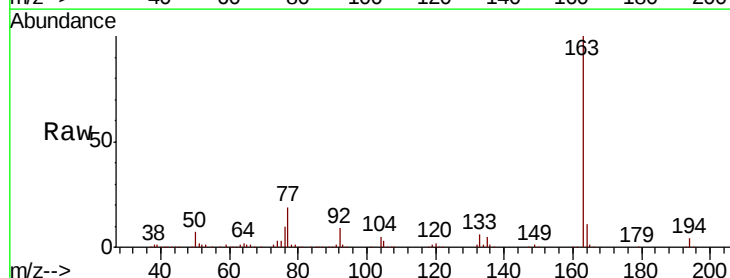
Tgt Ion:163 Resp: 667012

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

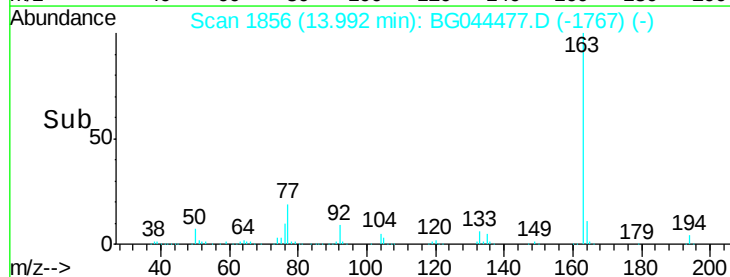
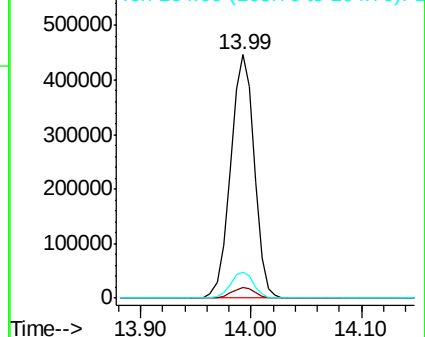
164 10.8 8.7 13.1

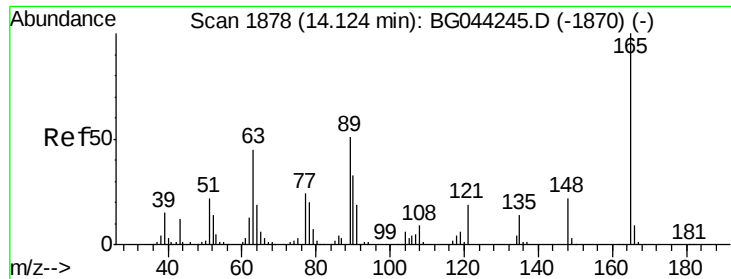


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

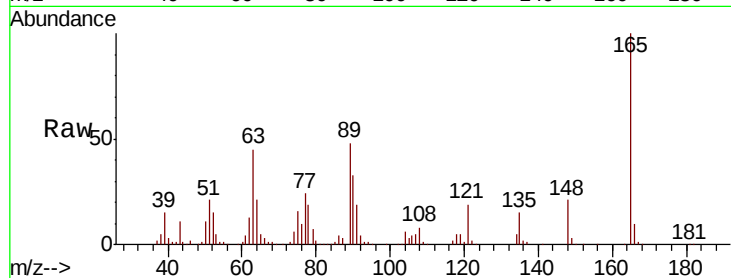




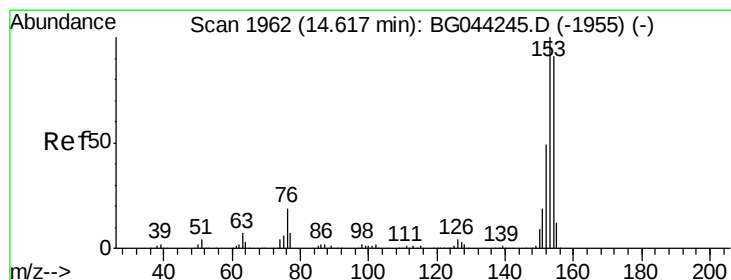
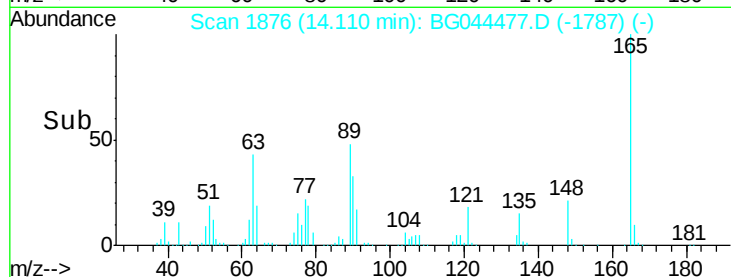
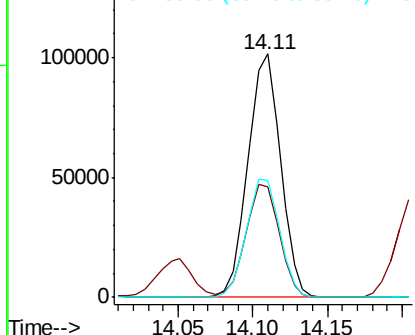
#51
 2,6-Dinitrotoluene
 Concen: 50.200 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 153601
 Ion Ratio Lower Upper
 165 100
 63 45.5 38.7 58.1
 89 48.0 40.4 60.6

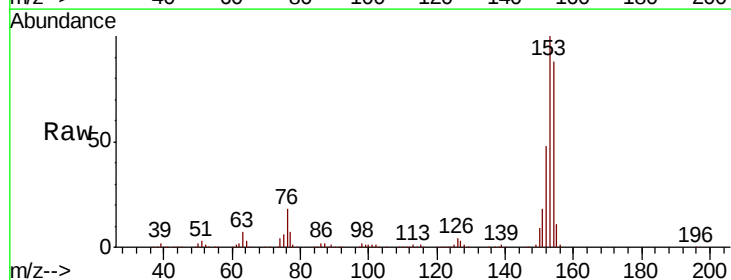


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

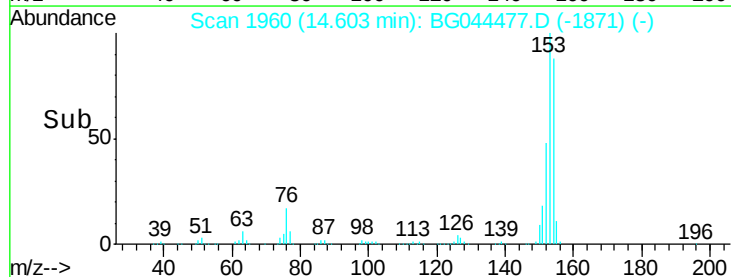
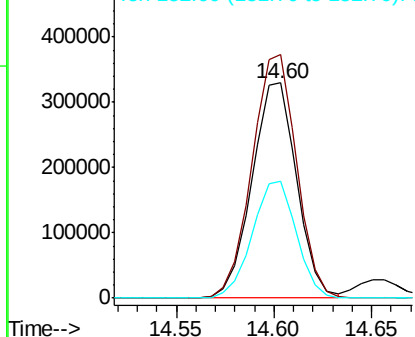


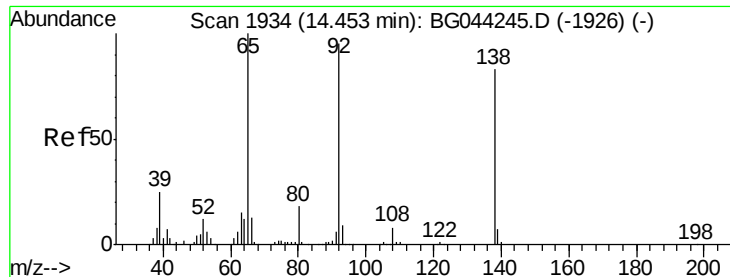
#52
 Acenaphthene
 Concen: 50.151 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion:154 Resp: 522449
 Ion Ratio Lower Upper
 154 100
 153 113.3 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: 19.273 ng

RT: 14.43 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

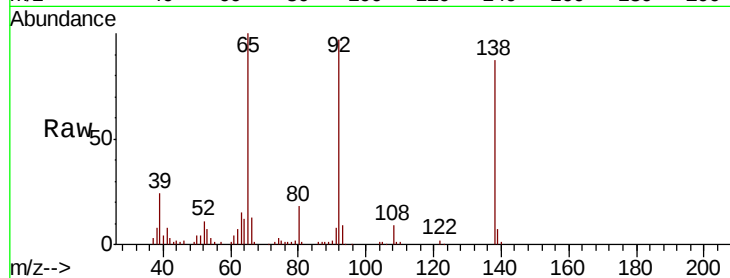
Tot Ion:138 Resp: 65244

Ion Ratio Lower Upper

138 100

108 10.3 7.9 11.9

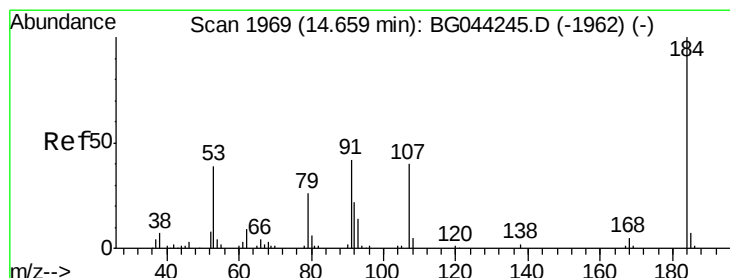
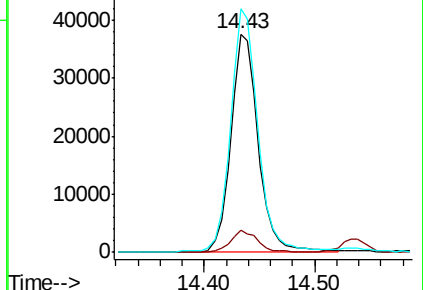
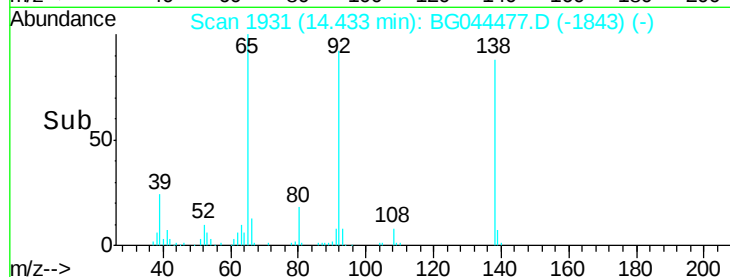
92 111.7 91.0 136.4



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: 54.516 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

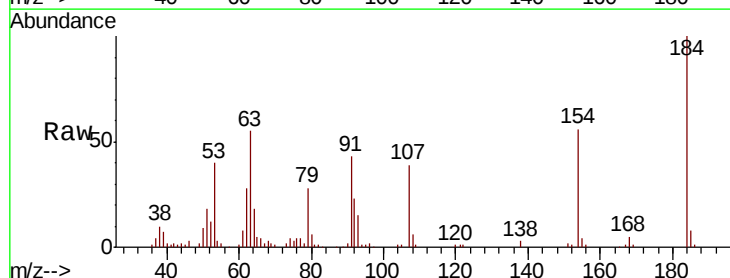
Tgt Ion:184 Resp: 93974

Ion Ratio Lower Upper

184 100

63 55.5 44.1 66.1

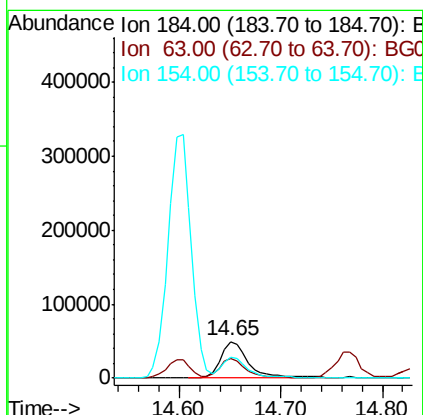
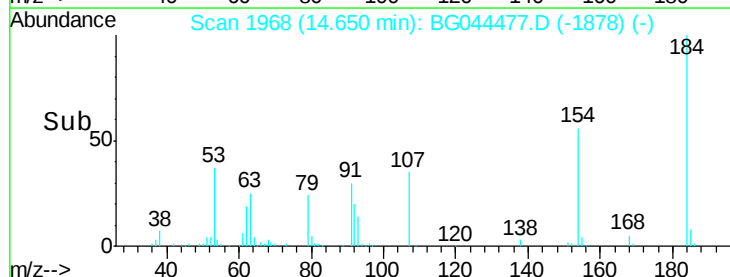
154 56.2 45.4 68.0

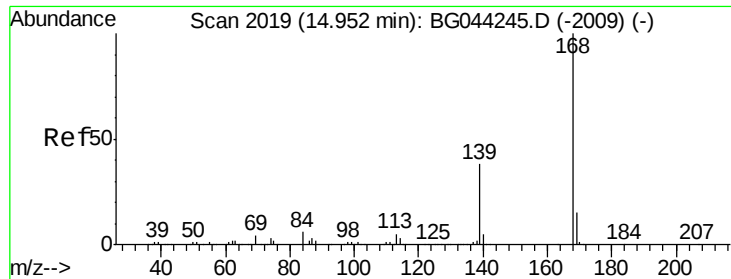


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

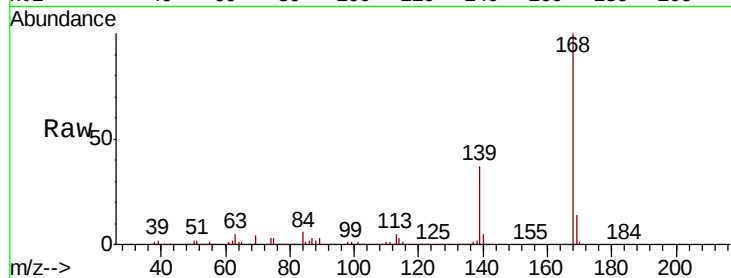




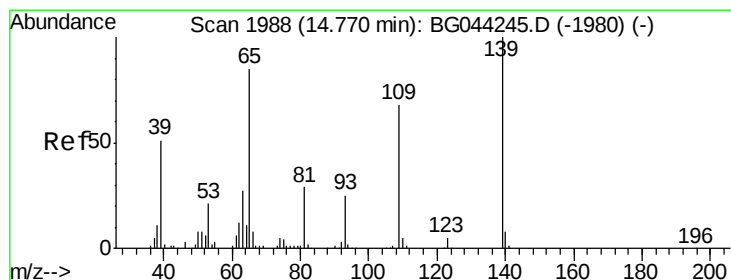
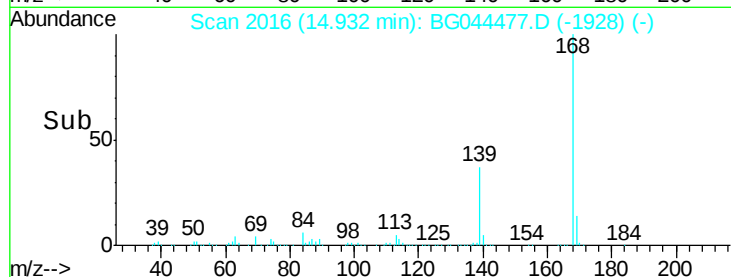
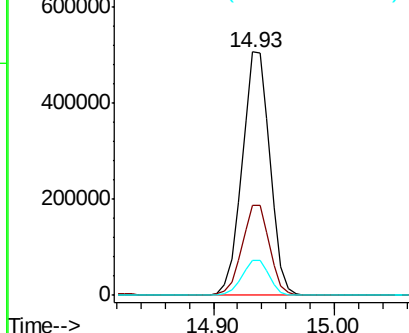
#55
Dibenzofuran
Concen: 51.301 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 809164
Ion Ratio Lower Upper
168 100
139 37.1 30.5 45.7
169 14.5 11.7 17.5

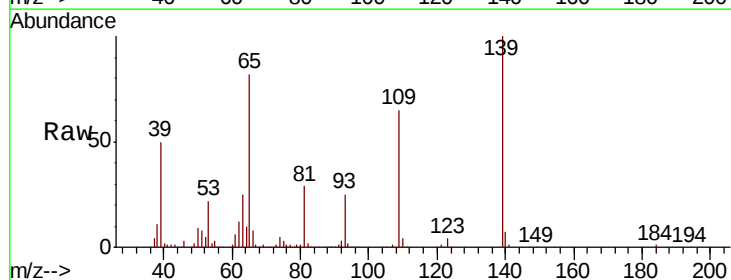


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

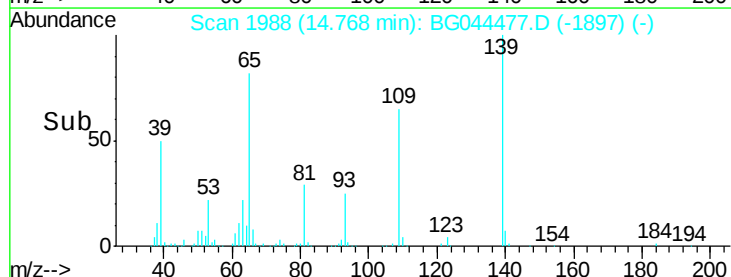
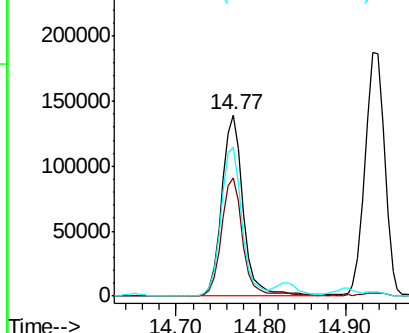


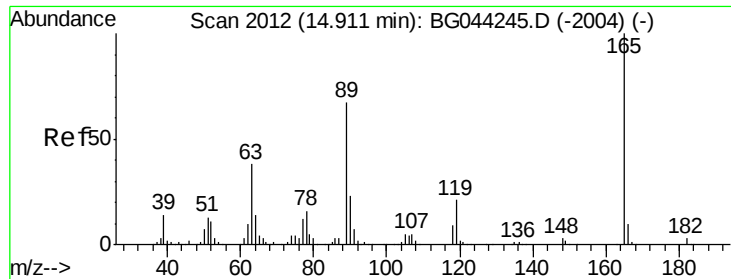
#56
4-Nitrophenol
Concen: 99.879 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:139 Resp: 247668
Ion Ratio Lower Upper
139 100
109 65.1 47.5 87.5
65 82.0 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): BG

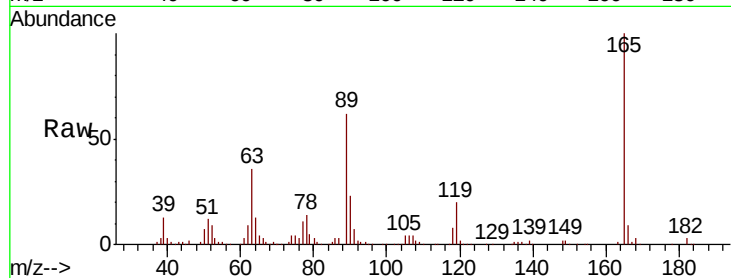




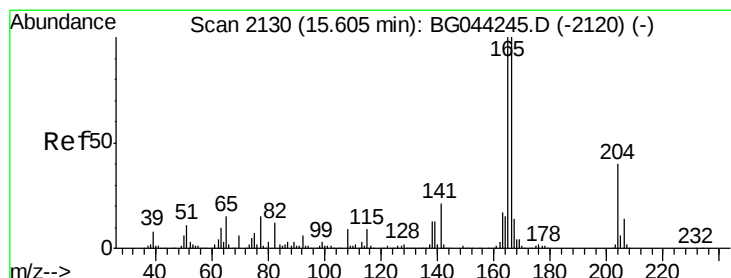
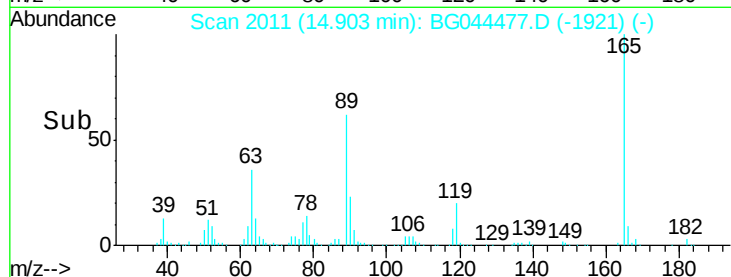
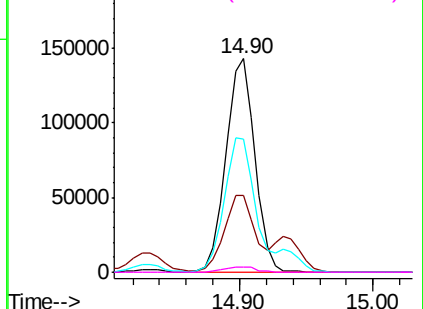
#57
2,4-Dinitrotoluene
Concen: 50.636 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	217157
Ion	Ratio	Lower Upper
165	100	
63	35.8	30.3 45.5
89	62.2	53.4 80.2
182	2.6	2.1 3.1

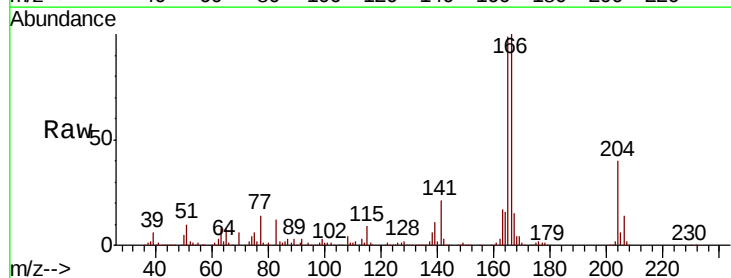


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

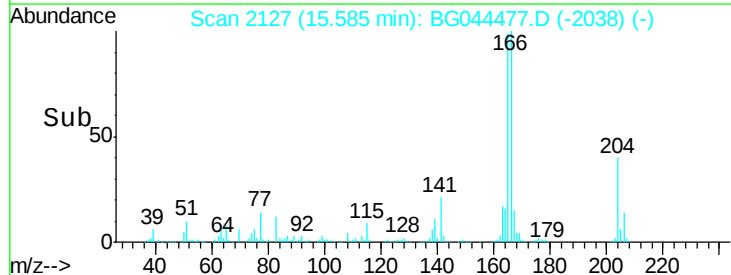
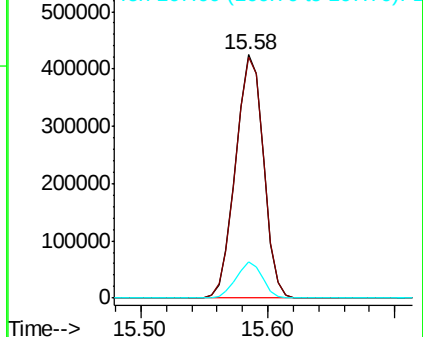


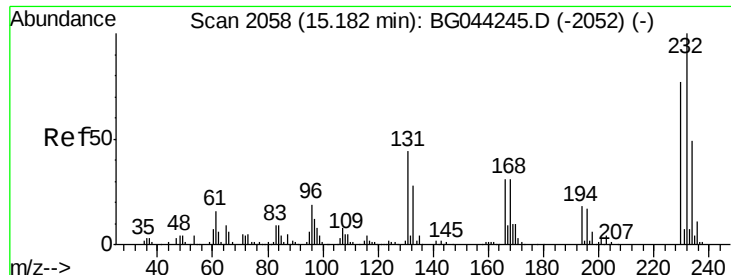
#58
Fluorene
Concen: 51.834 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:166	Resp:	643932
Ion	Ratio	Lower Upper
166	100	
165	99.0	79.9 119.9
167	14.7	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

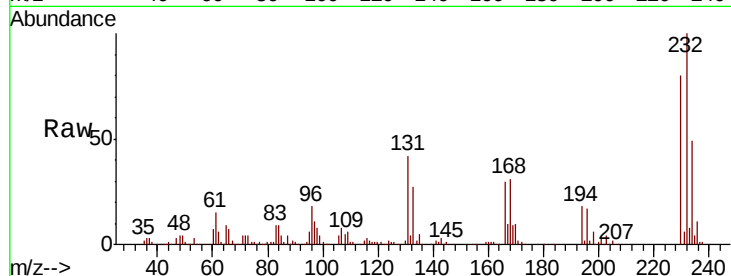




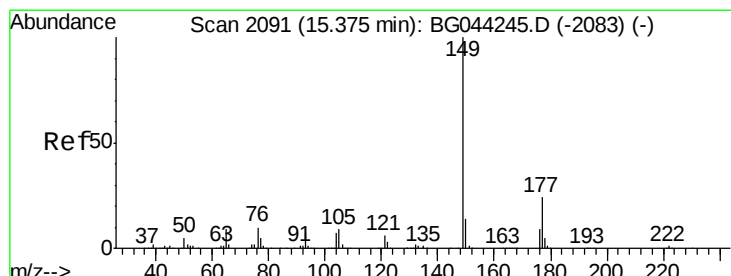
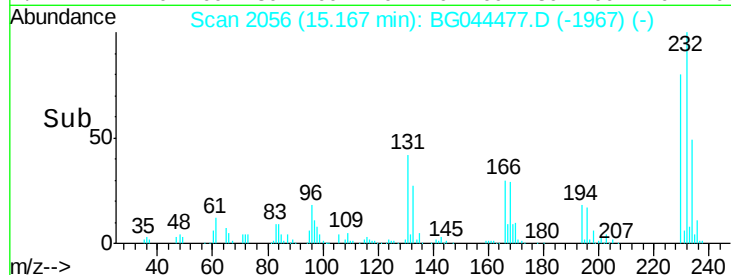
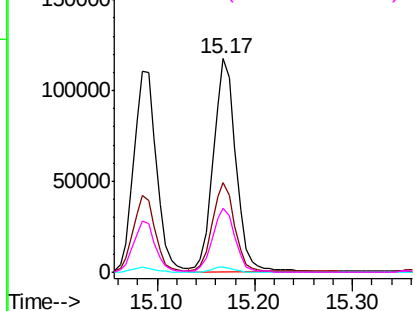
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.928 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 187060
 Ion Ratio Lower Upper
 232 100
 131 41.9 34.2 51.4
 130 2.4 1.8 2.8
 166 29.5 23.8 35.8

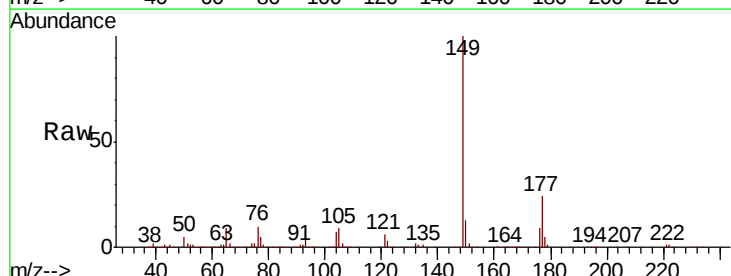


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

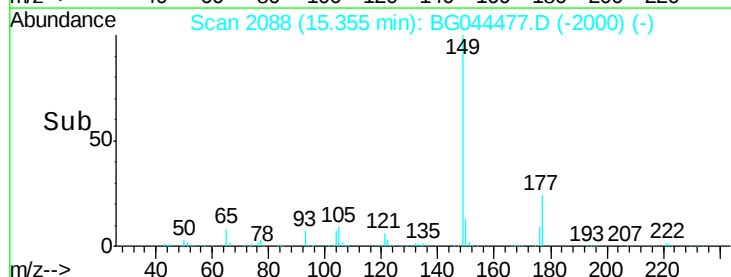
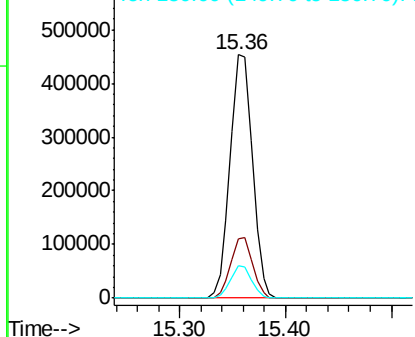


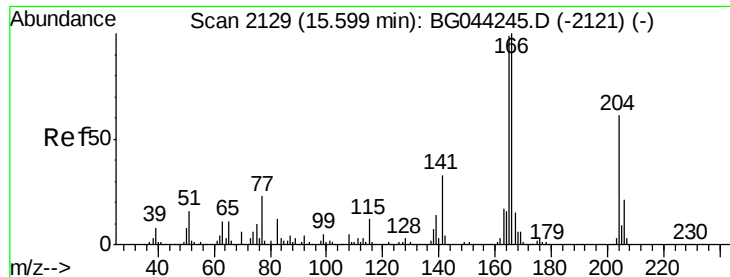
#60
 Diethylphthalate
 Concen: 48.538 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion:149 Resp: 663713
 Ion Ratio Lower Upper
 149 100
 177 24.3 19.4 29.0
 150 13.2 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

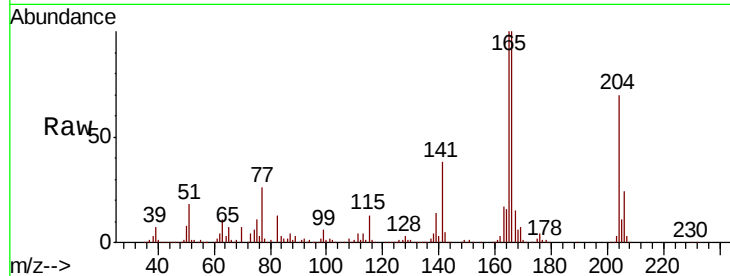




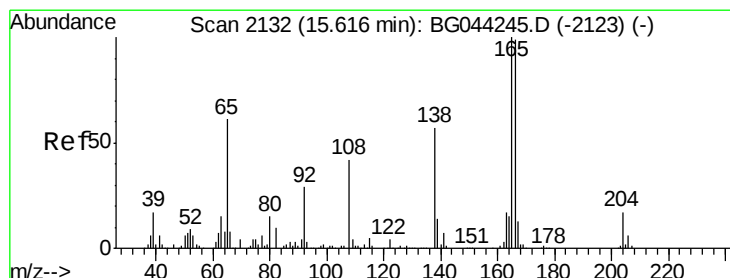
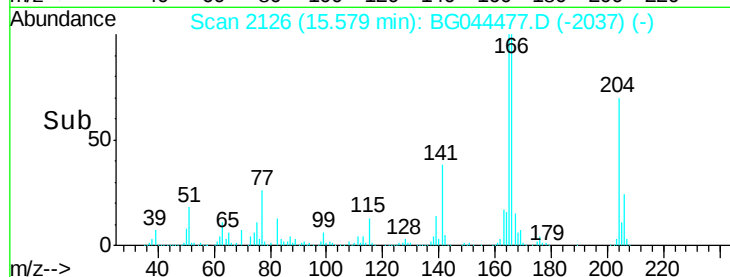
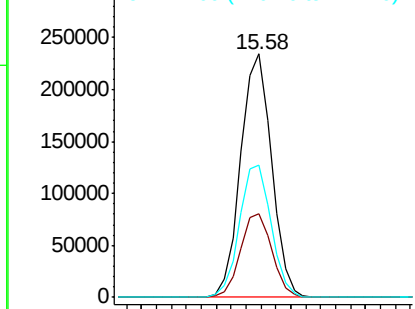
#61
4-Chlorophenyl-phenylether
Concen: 49.918 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 336244
Ion Ratio Lower Upper
204 100
206 34.5 27.6 41.4
141 54.2 43.4 65.0

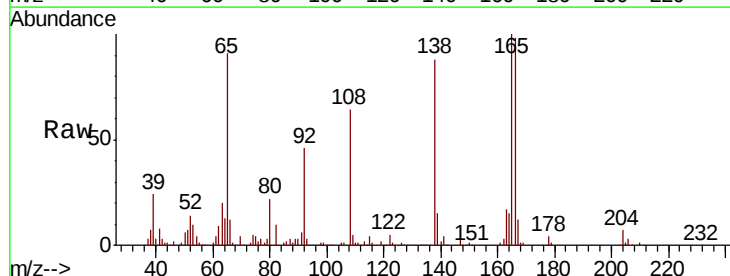


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

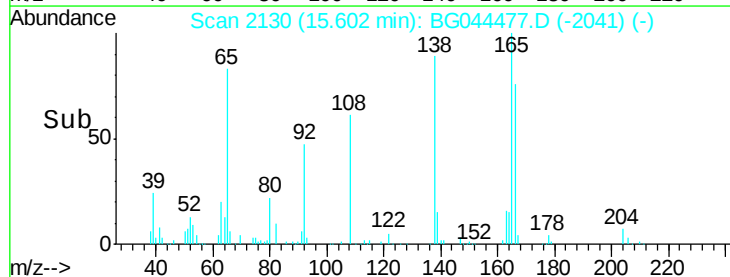
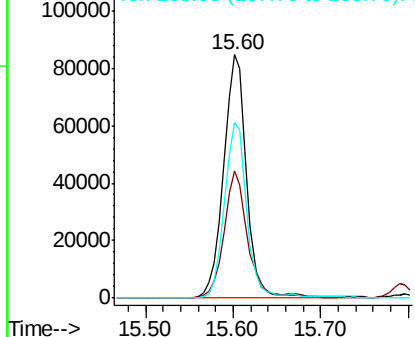


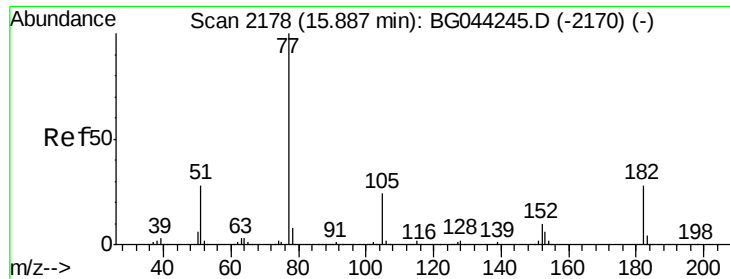
#62
4-Nitroaniline
Concen: 45.338 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:138 Resp: 153360
Ion Ratio Lower Upper
138 100
92 52.5 31.3 71.3
108 72.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E

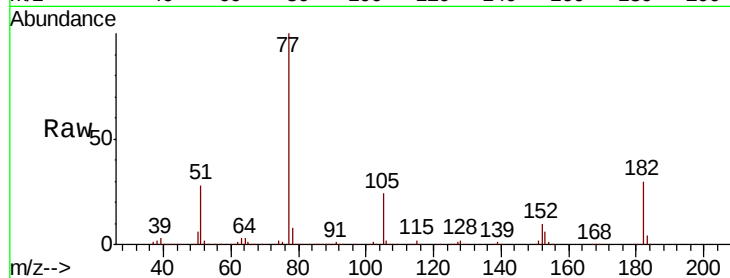




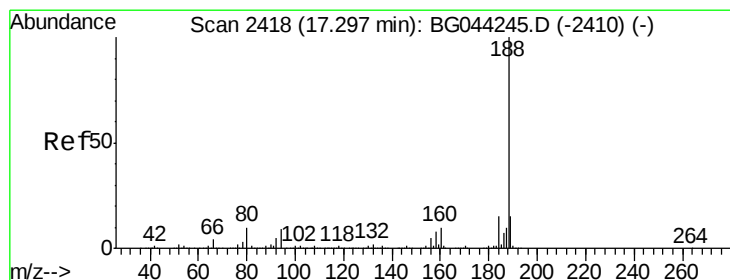
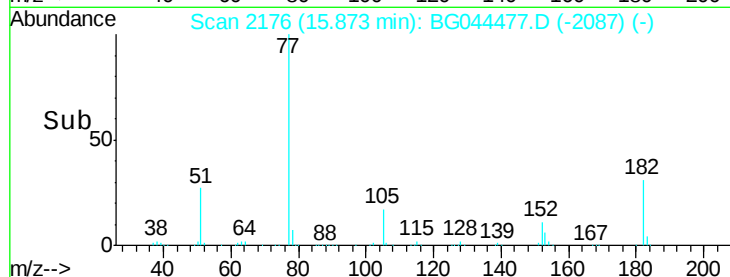
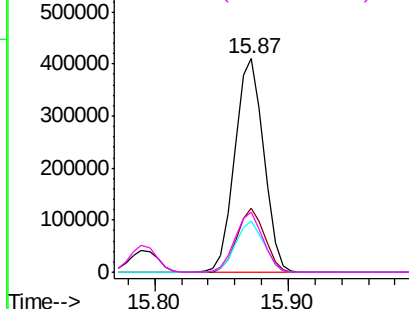
#63
Azobenzene
Concen: 51.271 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	614452
Ion	Ratio	Lower	Upper
77	100		
182	29.8	8.2	48.2
105	23.9	3.6	43.6
51	28.3	8.3	48.3

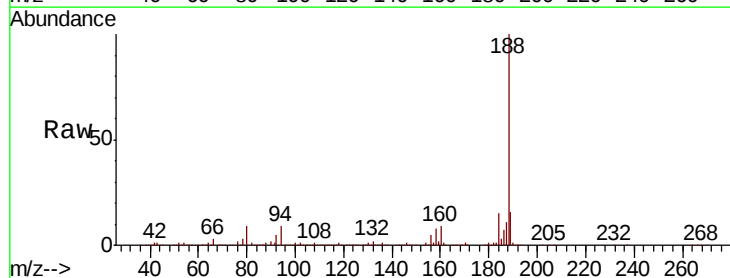


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

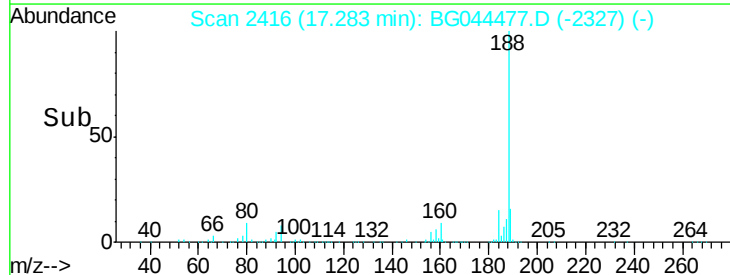
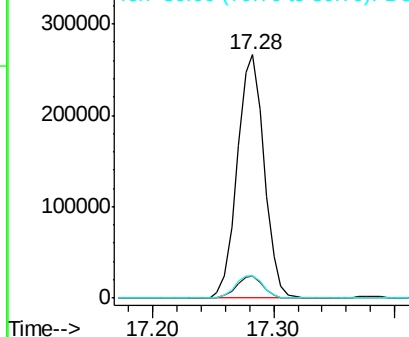


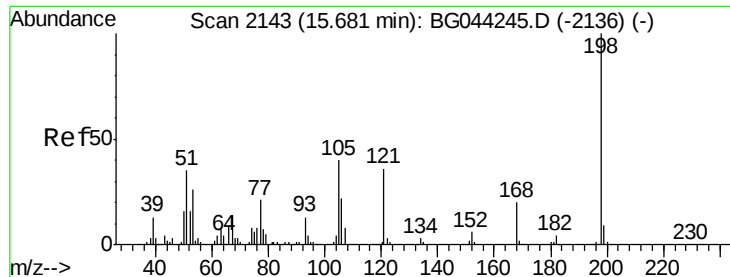
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:	188	Resp:	413542
Ion	Ratio	Lower	Upper
188	100		
94	9.0	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: 38.931 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

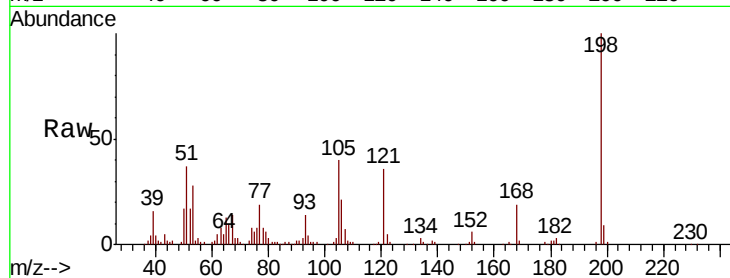
Tot Ion:198 Resp: 88869

Ion	Ratio	Lower	Upper
198	100		
51	36.9	16.6	56.6
105	39.8	20.6	60.6

198 100

51 36.9 16.6 56.6

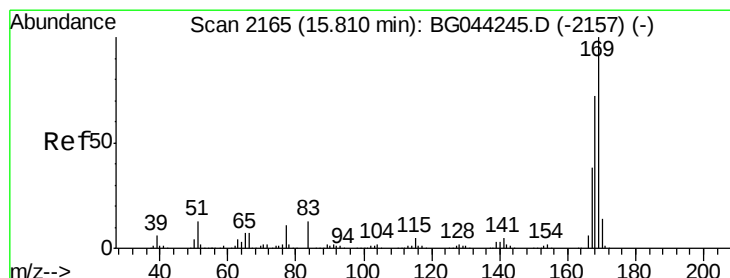
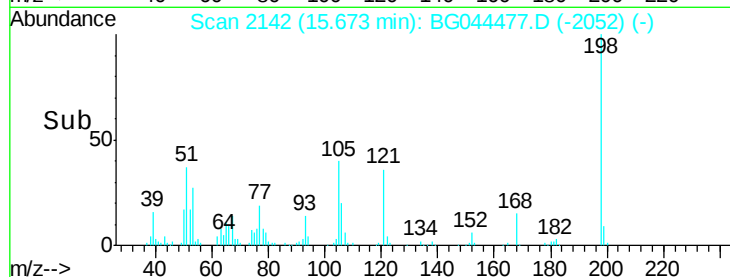
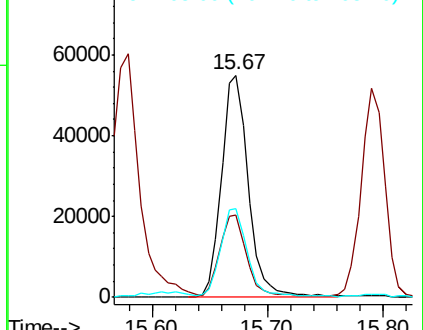
105 39.8 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044477.D (-2052) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.720 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

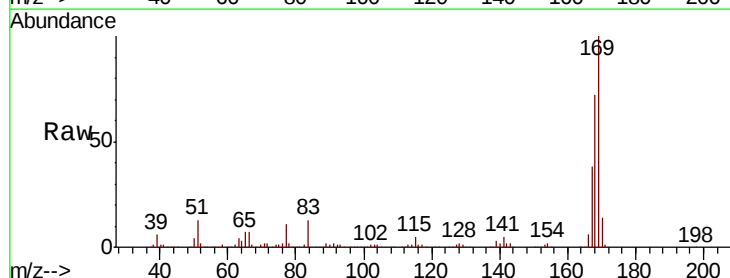
Tgt Ion:169 Resp: 599400

Ion	Ratio	Lower	Upper
169	100		
168	72.4	57.9	86.9
167	37.5	30.7	46.1

169 100

168 72.4 57.9 86.9

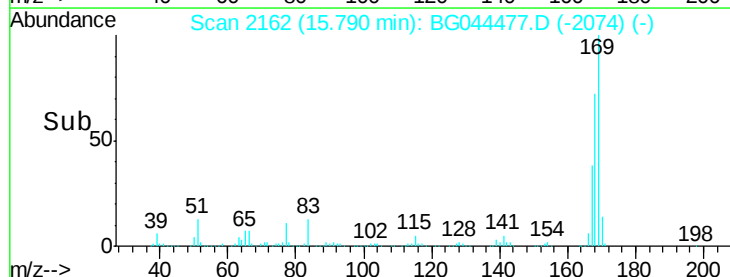
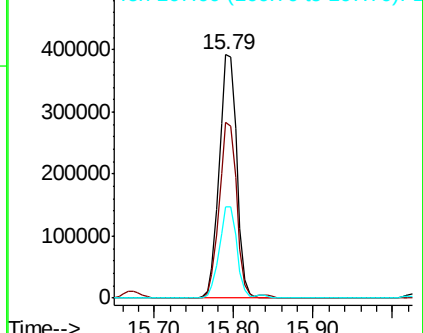
167 37.5 30.7 46.1

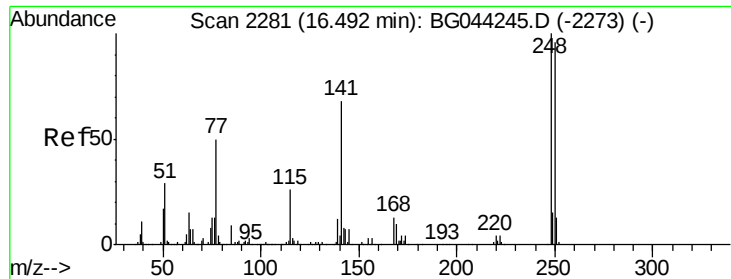


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 49.633 ng

RT: 16.47 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampled :

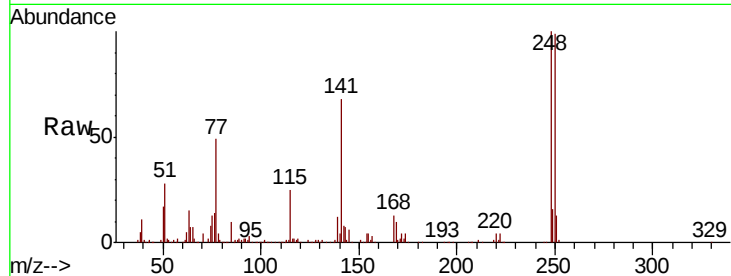
Tot Ion:248 Resp: 223621

Ion Ratio Lower Upper

248 100

250 98.7 76.6 114.8

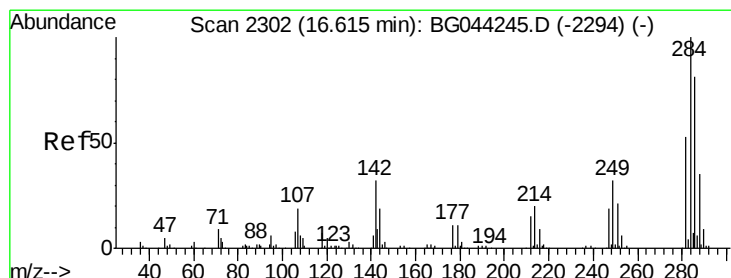
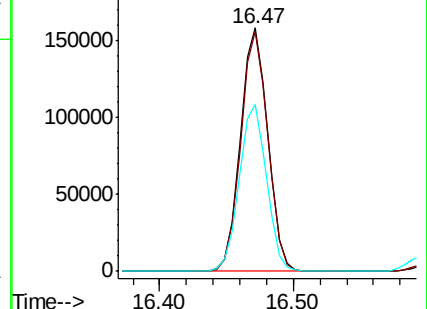
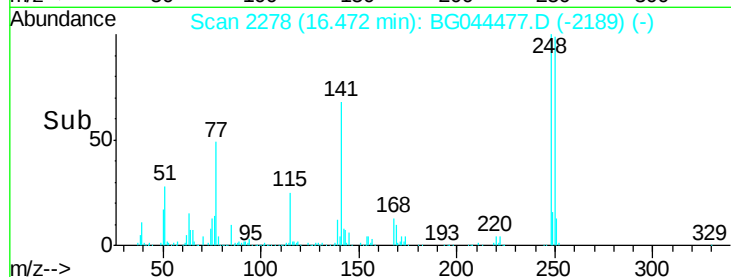
141 68.5 54.7 82.1



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: 48.777 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

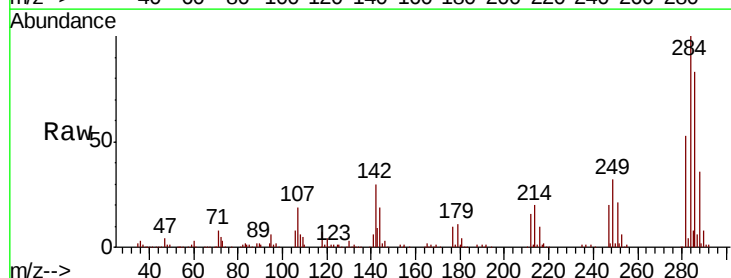
Tgt Ion:284 Resp: 246208

Ion Ratio Lower Upper

284 100

142 30.4 25.3 37.9

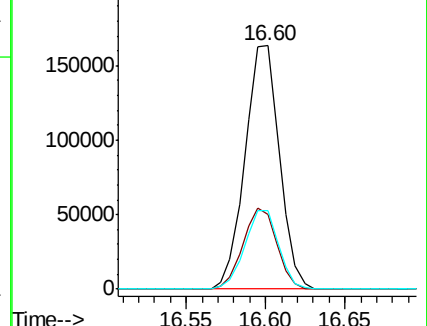
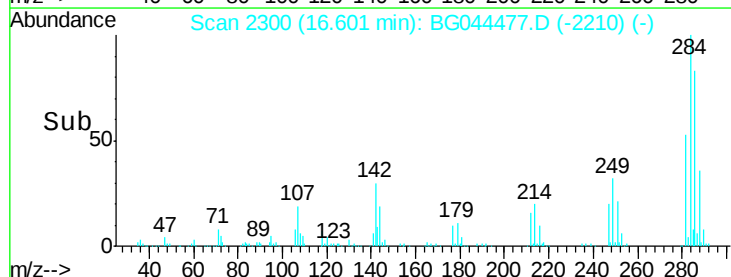
249 32.1 25.5 38.3

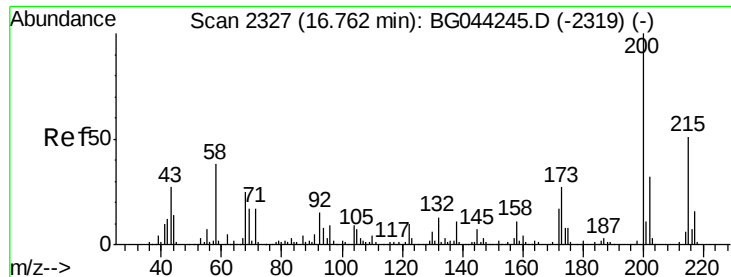


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

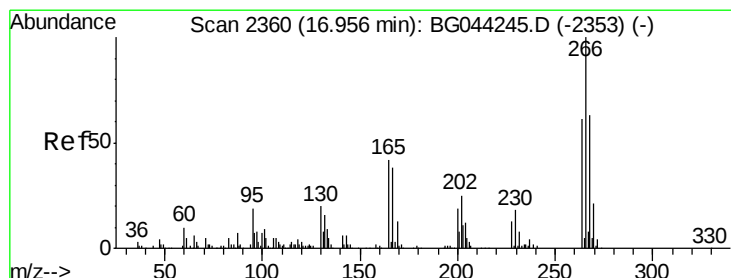
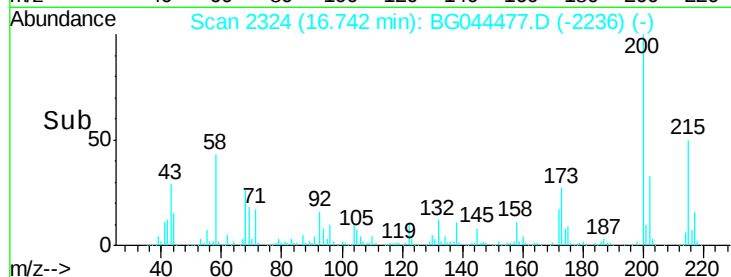
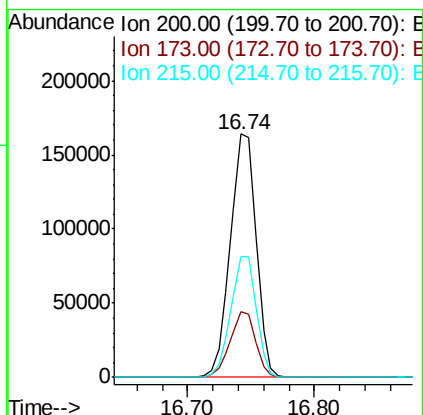
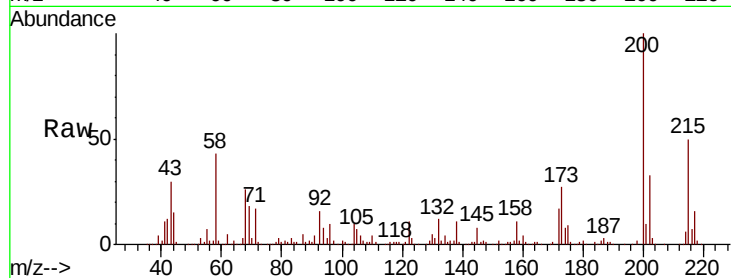




#69
 Atrazine
 Concen: 58.121 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

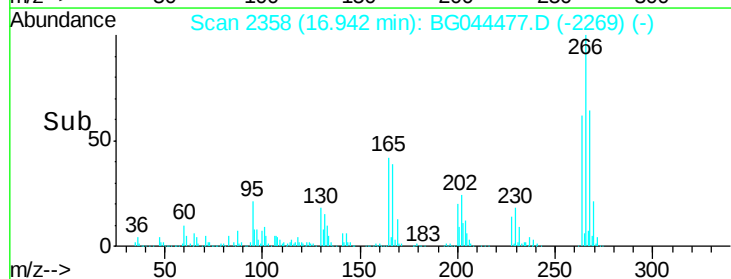
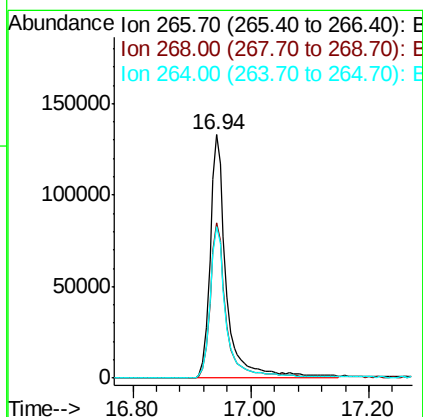
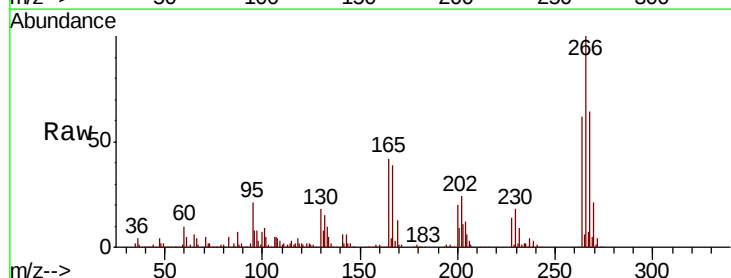
Instrument :
 BNA_G
 ClientSampled :

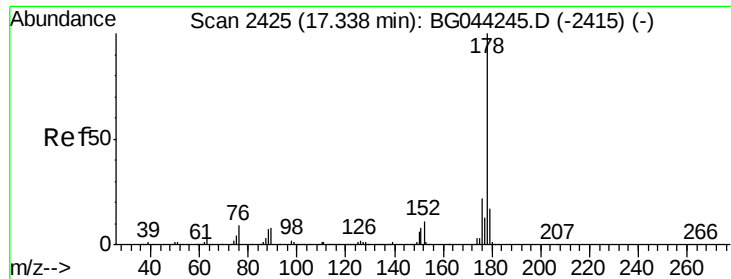
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	49.9	31.0	71.0



#70
 Pentachlorophenol
 Concen: 99.992 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	75.8
264	62.2	48.7	73.1

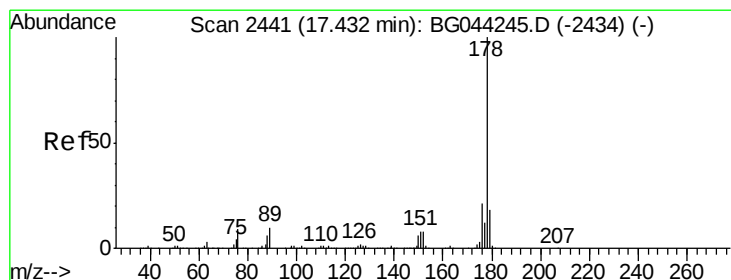
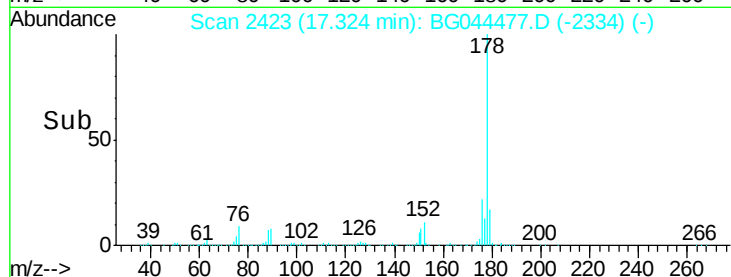
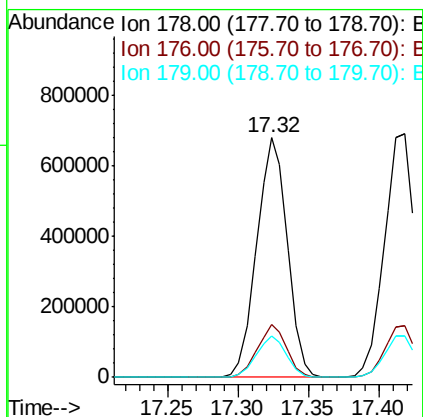
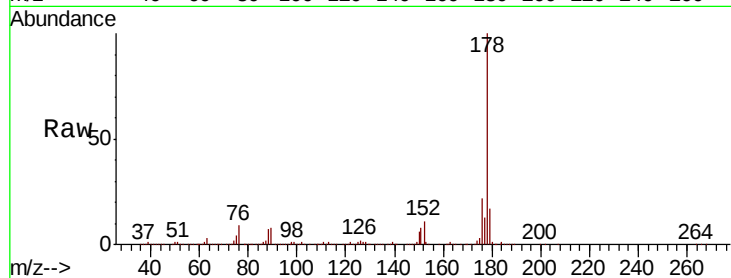




#71
Phenanthrene
Concen: 51.632 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

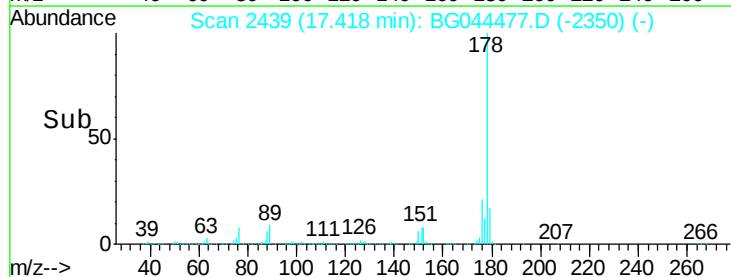
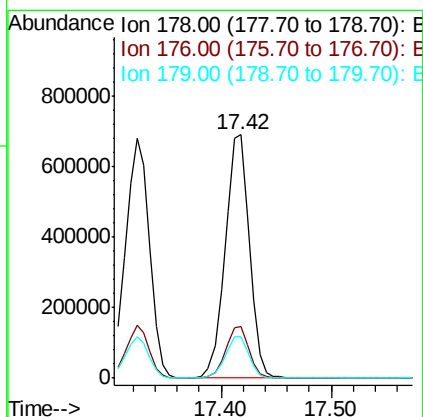
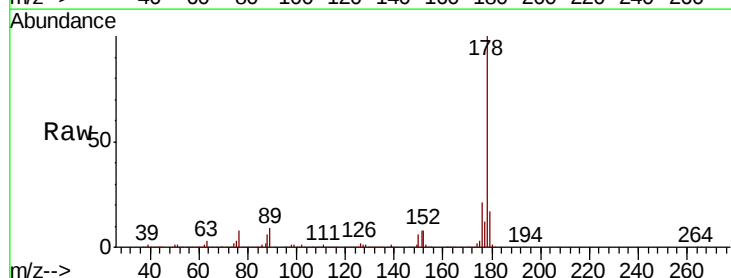
Instrument :
BNA_G
ClientSampleId :

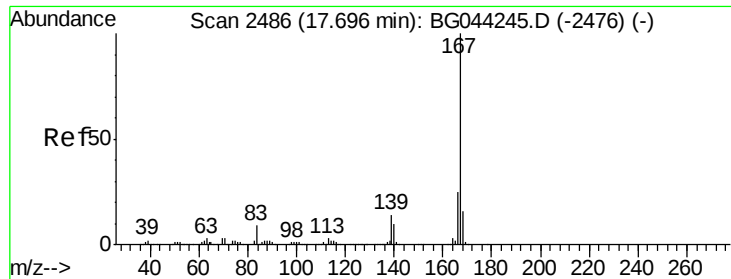
Tot Ion:178 Resp: 1033928
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.3 13.7 20.5



#72
Anthracene
Concen: 53.403 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:178 Resp: 1057281
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.1 14.4 21.6

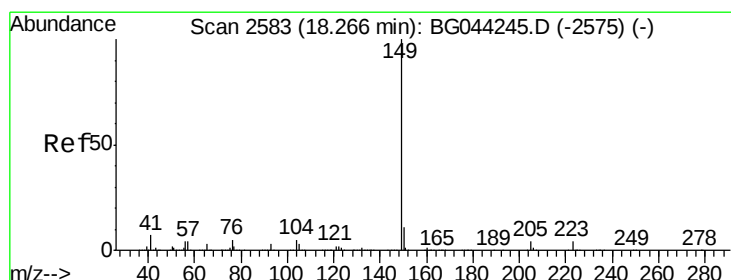
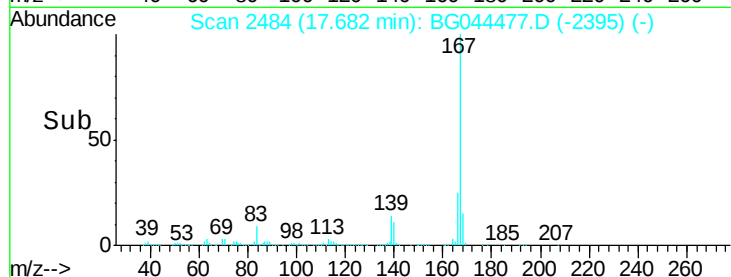
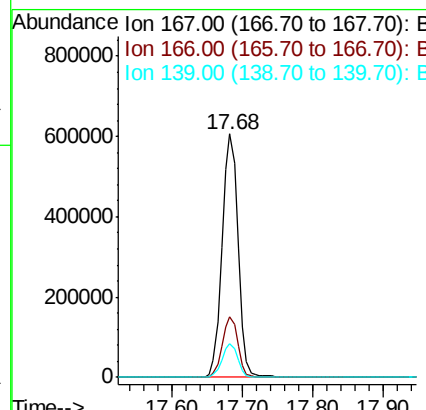
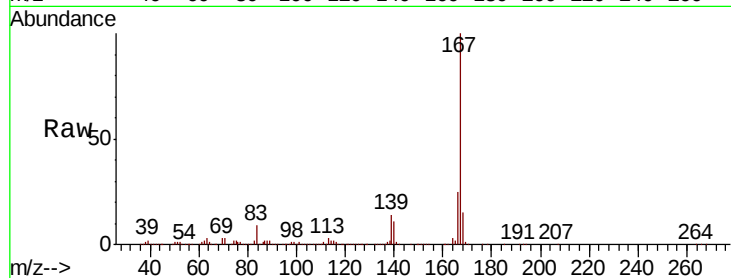




#73
 Carbazole
 Concen: 52.366 ng
 RT: 17.68 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

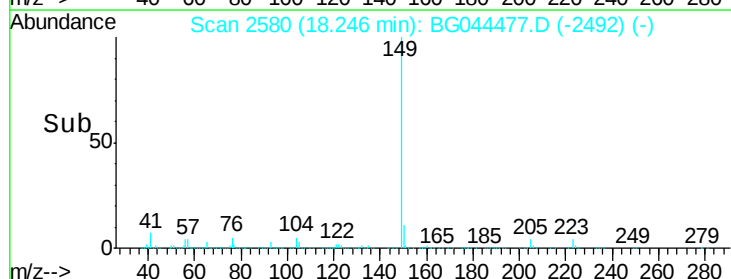
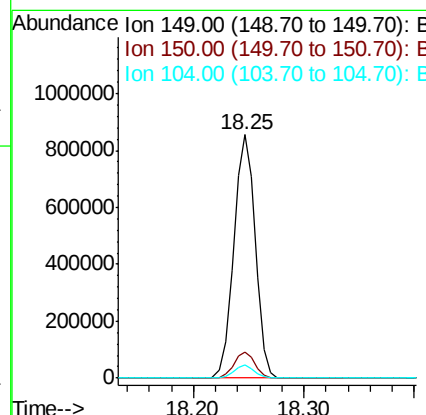
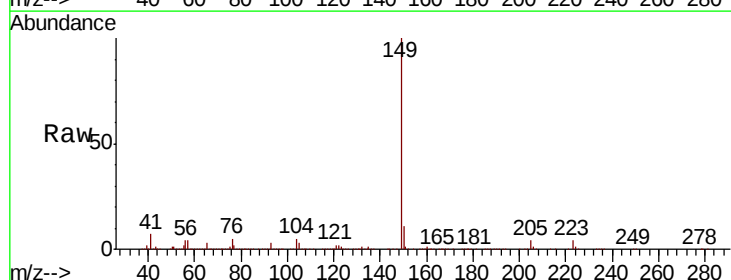
Instrument :
 BNA_G
 ClientSampleId :

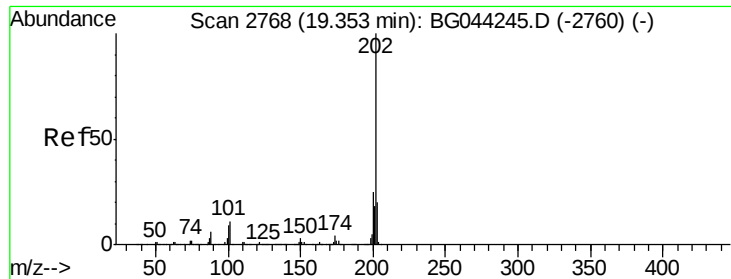
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	19.8	29.6
139	13.8	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 51.561 ng
 RT: 18.25 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 50.693 ng

RT: 19.33 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampled :

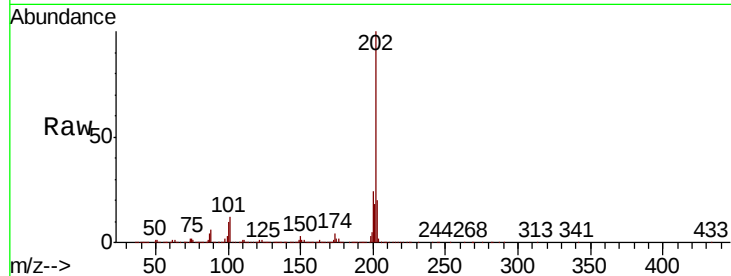
Tot Ion:202 Resp: 1174326

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.3

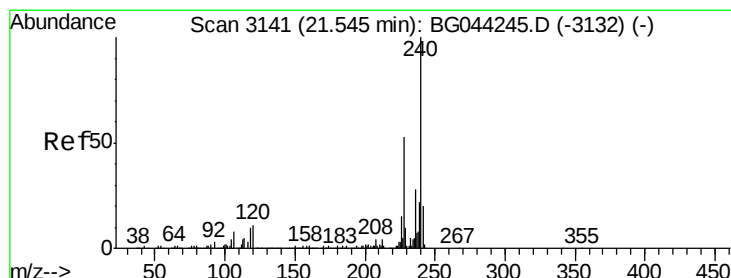
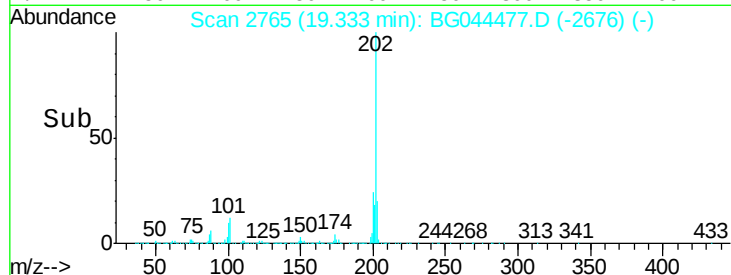
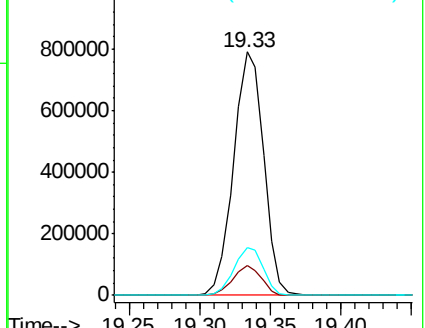
203 19.7 0.0 39.9



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. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

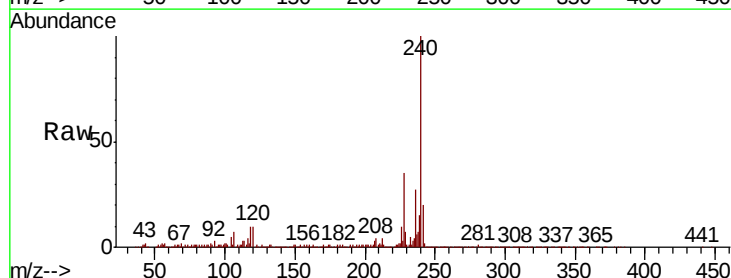
Tgt Ion:240 Resp: 372140

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

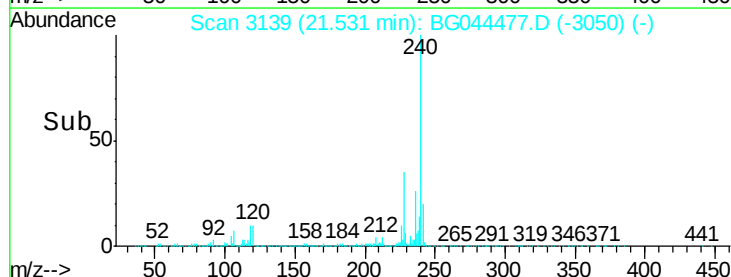
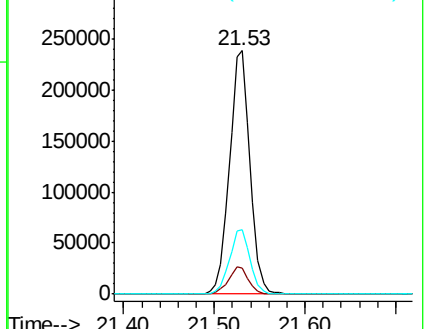
236 26.6 22.1 33.1

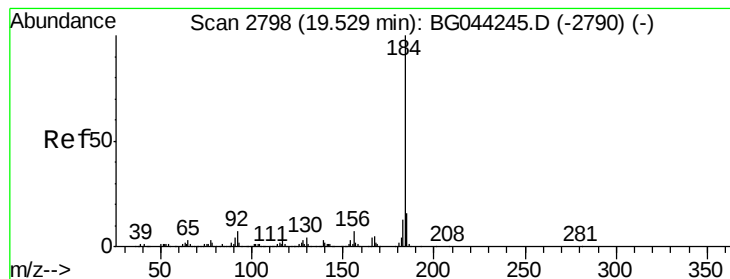


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.625 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

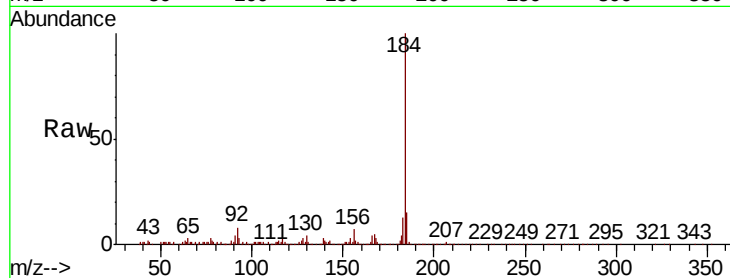
Tot Ion:184 Resp: 233545

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

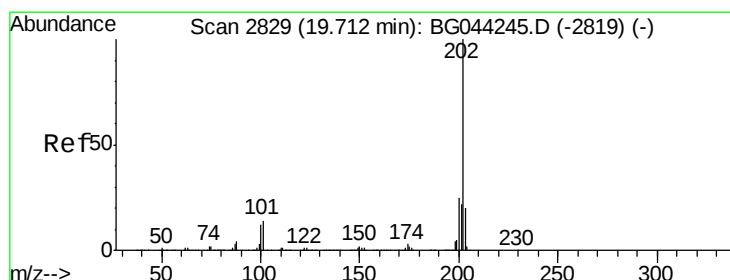
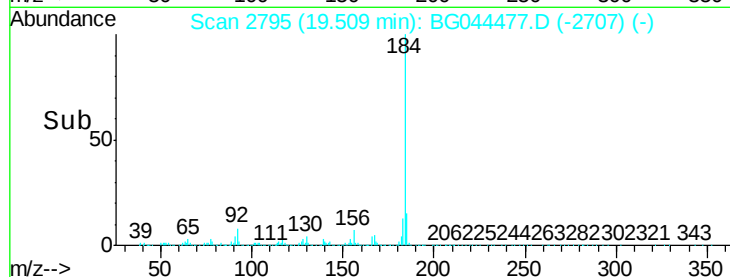
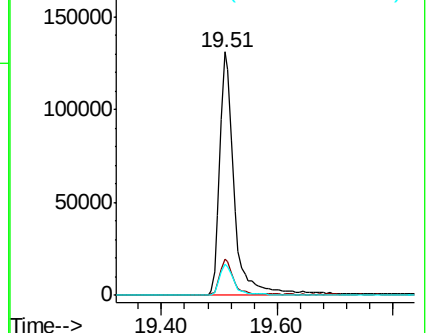
183 13.0 10.8 16.2



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: 49.513 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

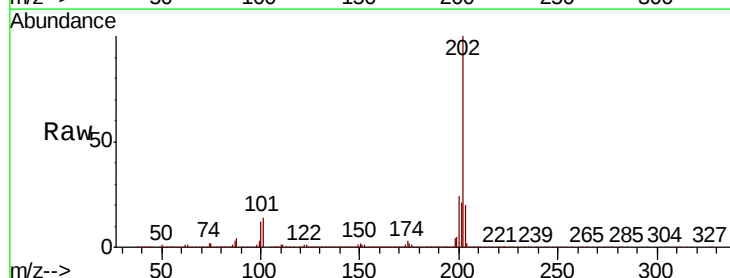
Tgt Ion:202 Resp: 1183314

Ion Ratio Lower Upper

202 100

200 24.3 20.0 30.0

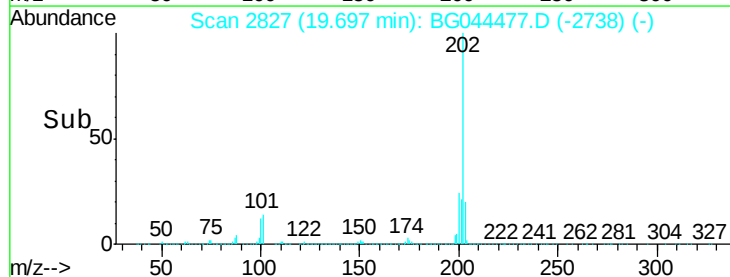
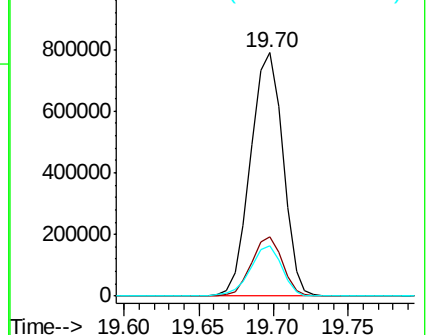
203 20.5 16.2 24.2

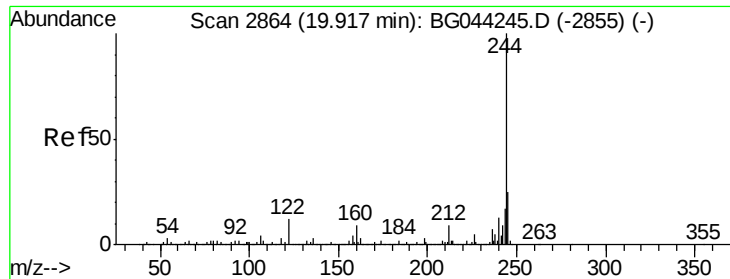


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.639 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

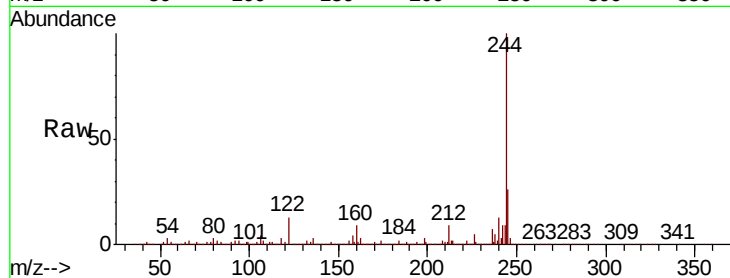
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1694166

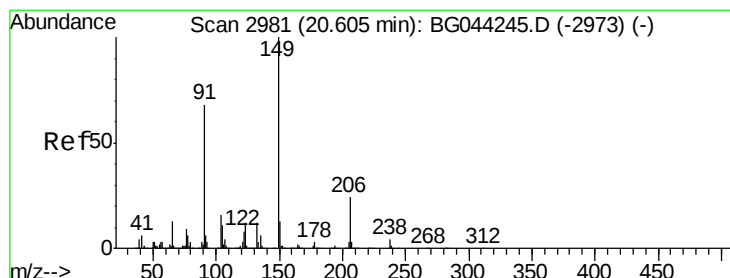
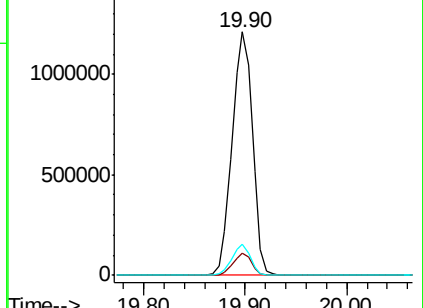
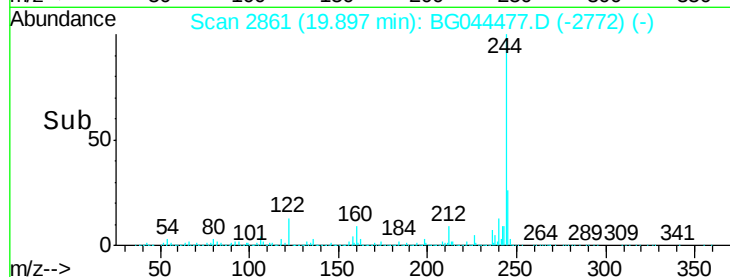
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.2
122	12.7	9.8	14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.202 ng

RT: 20.58 min Scan# 2978

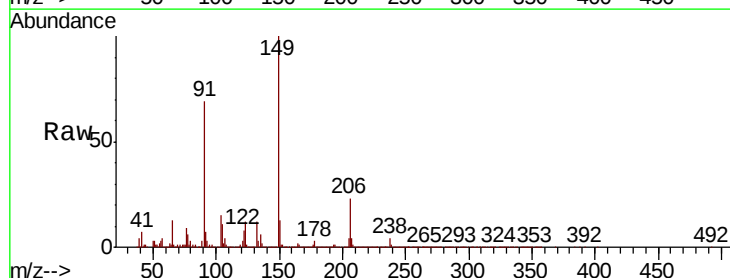
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:149 Resp: 524967

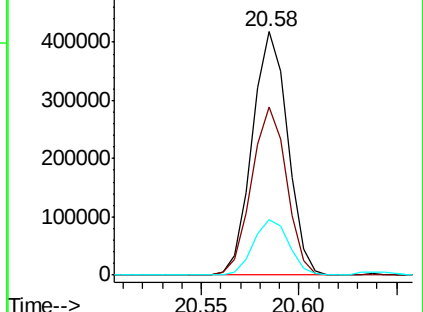
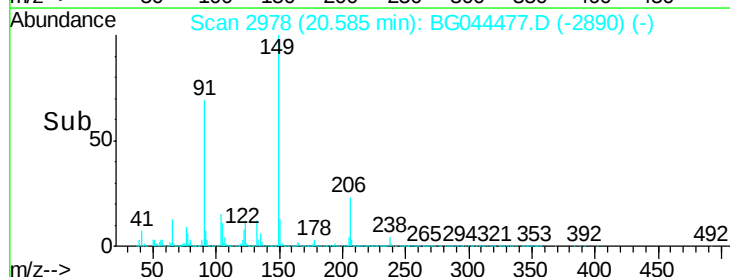
Ion	Ratio	Lower	Upper
149	100		
91	69.1	54.5	81.7
206	22.7	19.1	28.7

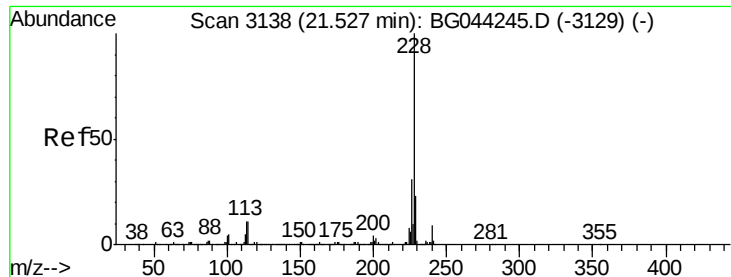


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.555 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

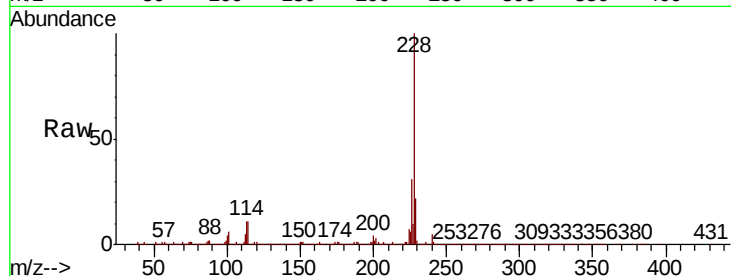
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1136559

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.3	18.2	27.4

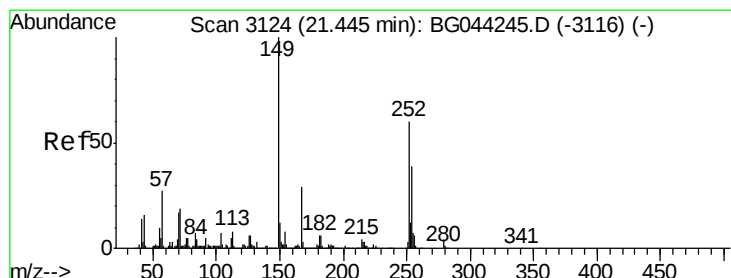
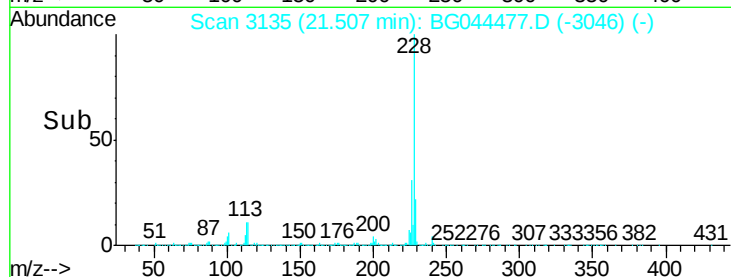
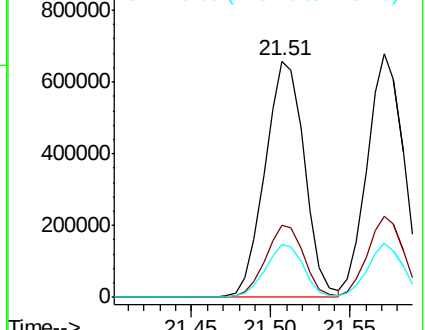


Abundance

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: 19.346 ng

RT: 21.42 min Scan# 3121

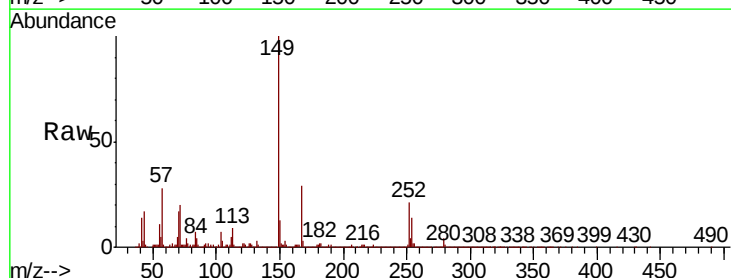
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:252 Resp: 172211

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	9.8	8.2	12.4

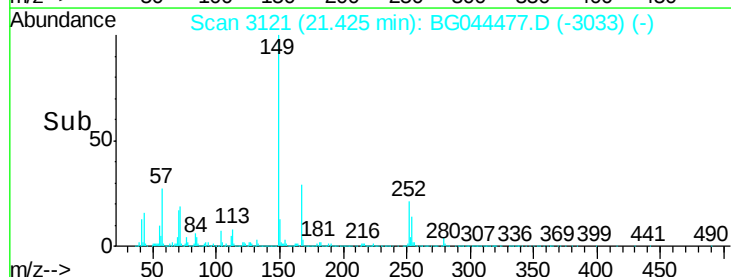
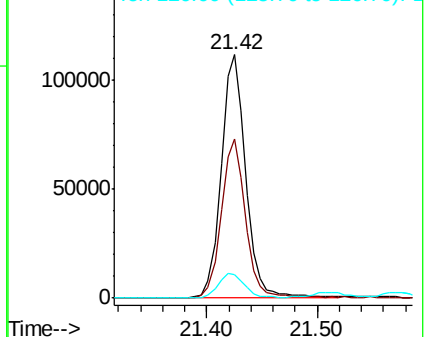


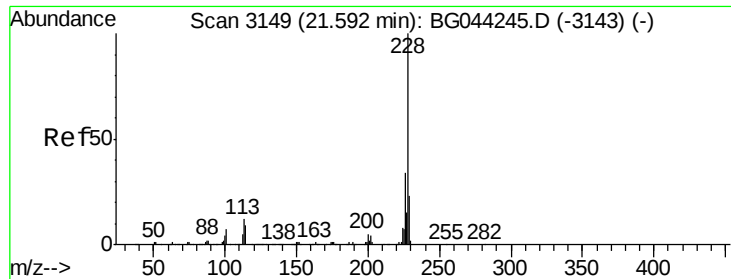
Abundance

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



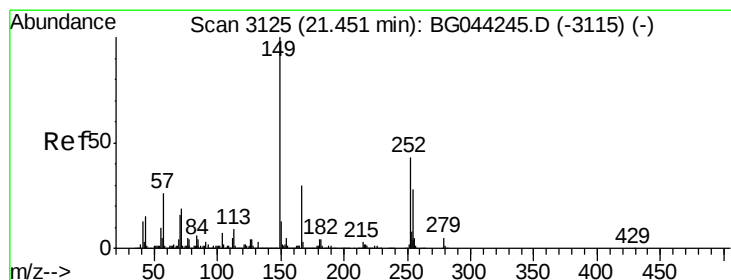
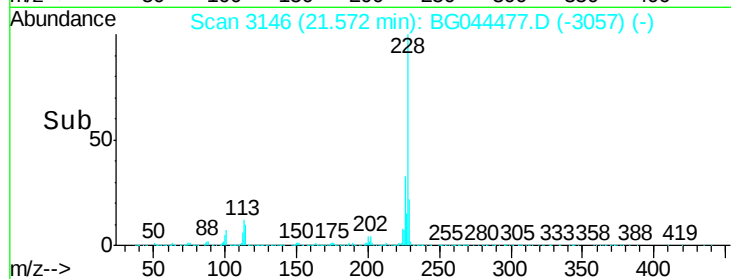
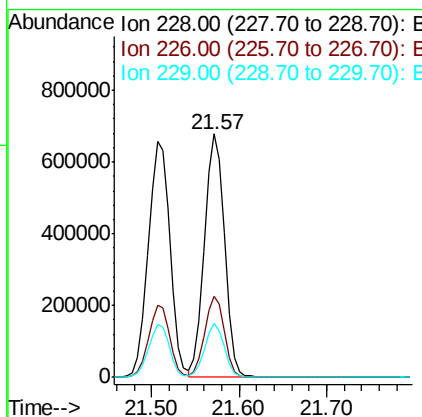
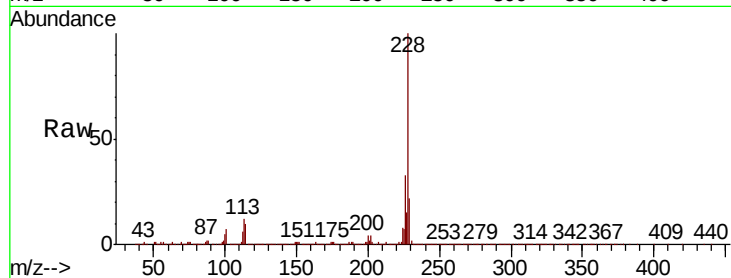


#83
 Chrvsene
 Concen: 49.006 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1086419

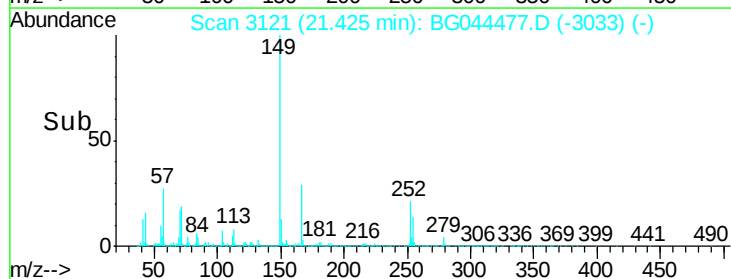
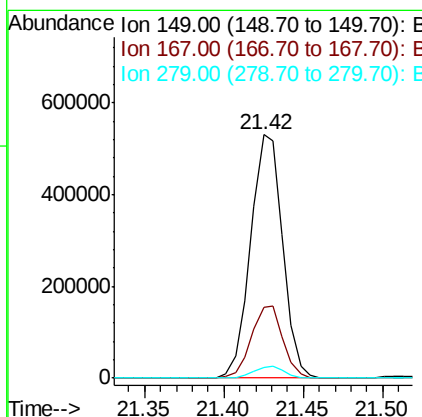
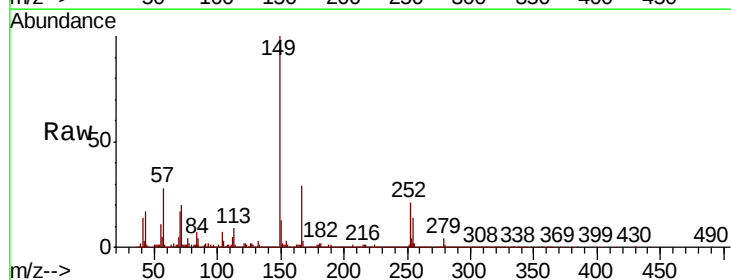
Ion	Ratio	Lower	Upper
228	100		
226	33.4	27.1	40.7
229	22.3	17.9	26.9

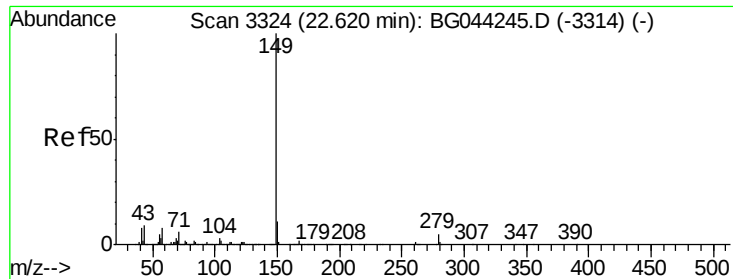


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.412 ng
 RT: 21.42 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion:149 Resp: 740718

Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.0	36.0
279	4.5	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 49.626 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.02 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

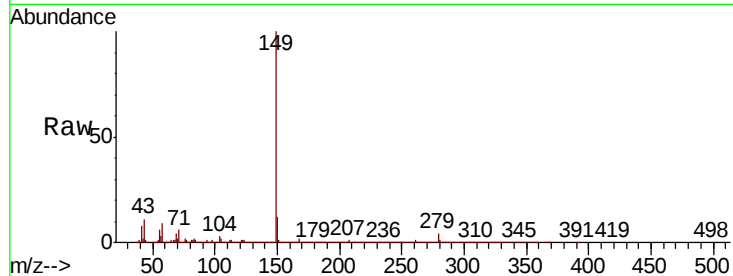
Tot Ion:149 Resp: 1287142

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

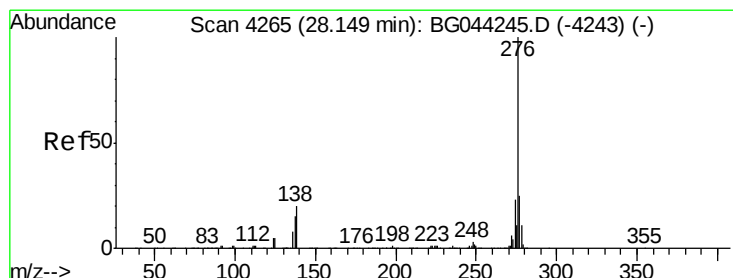
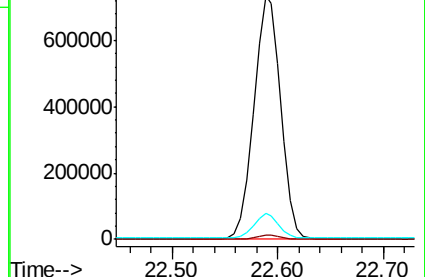
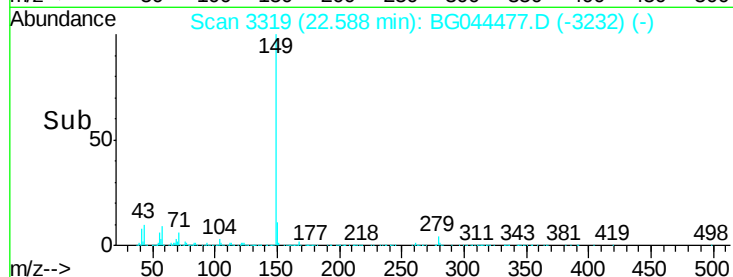
43 9.3 7.4 11.0



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: 49.134 ng

RT: 28.12 min Scan# 4260

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

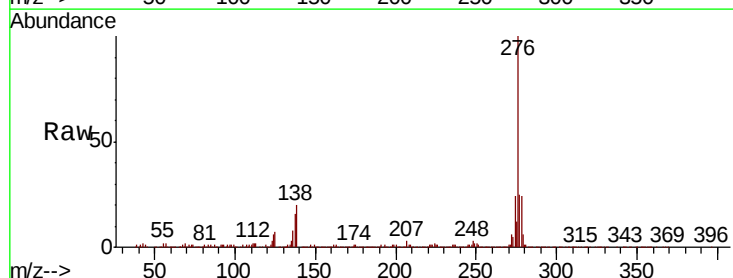
Tgt Ion:276 Resp: 1421102

Ion Ratio Lower Upper

276 100

138 0.0 19.4 29.0#

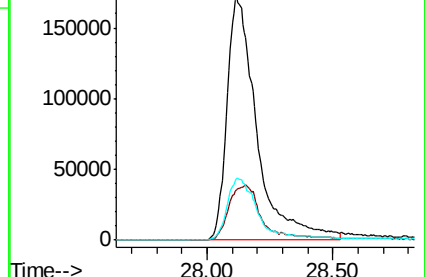
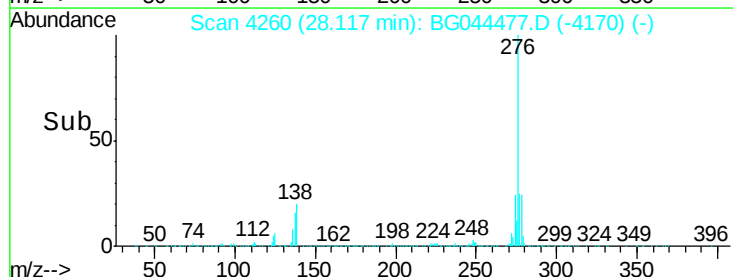
277 24.4 21.0 31.6

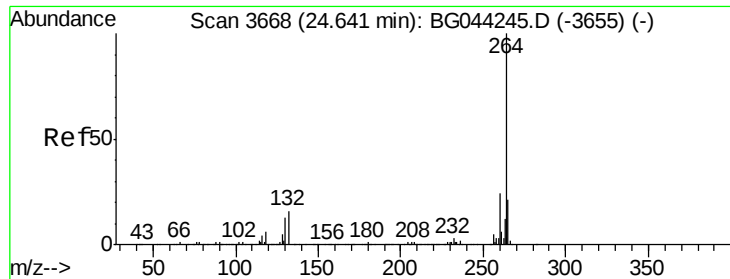


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

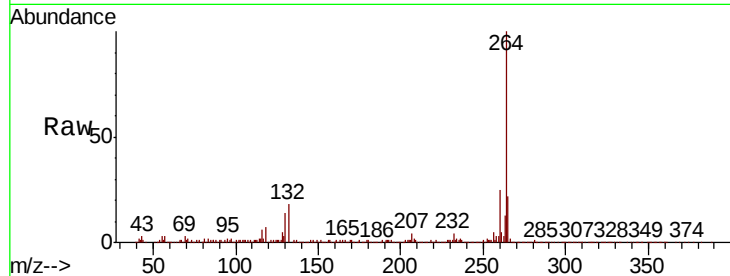
Tot Ion:264 Resp: 409062

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

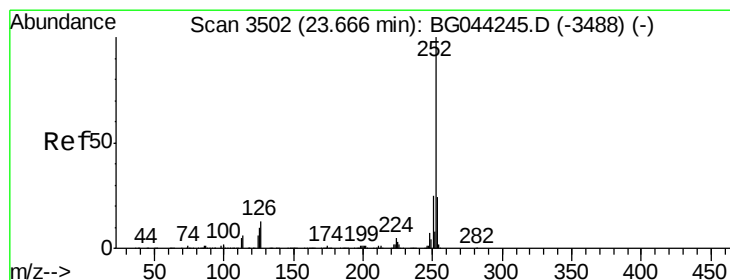
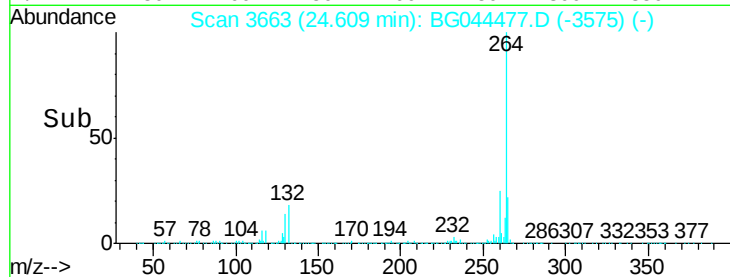
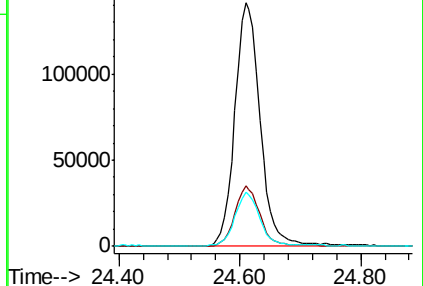
265 22.1 16.7 25.1



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: 49.838 ng

RT: 23.64 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

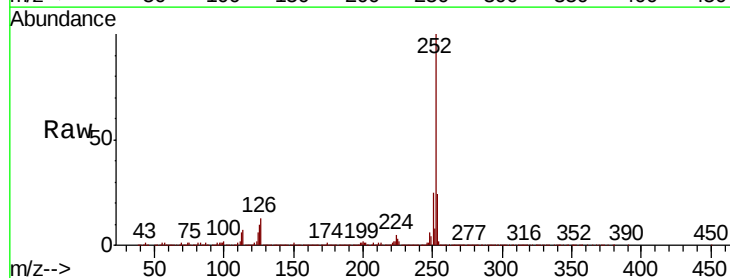
Tgt Ion:252 Resp: 1174767

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

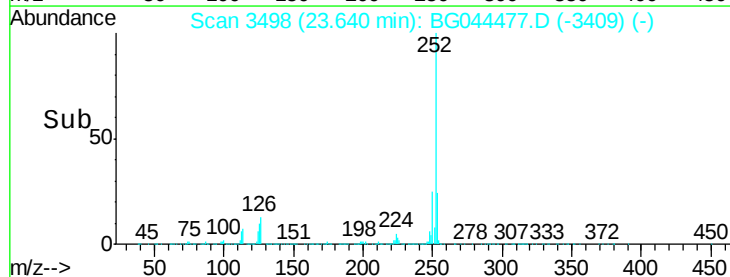
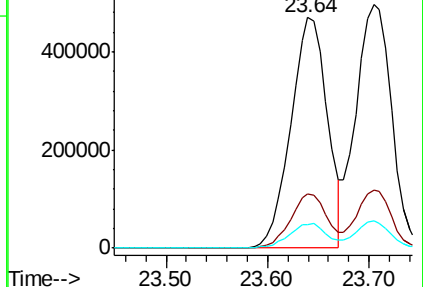
125 10.4 8.4 12.6

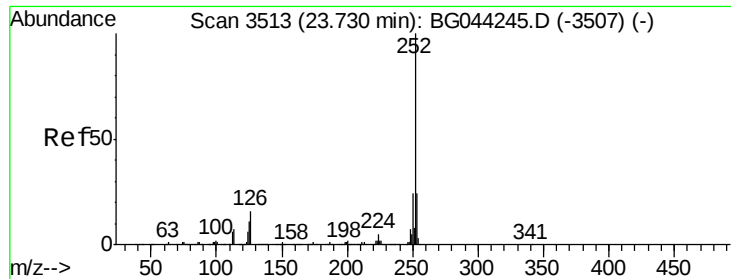


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

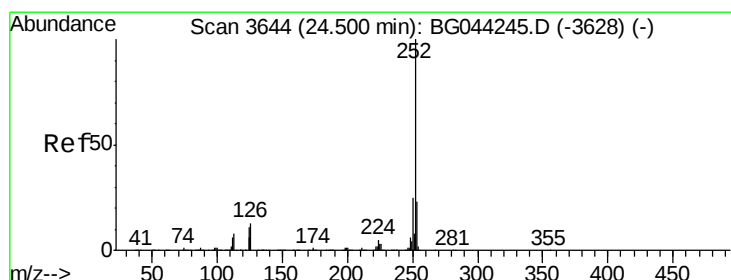
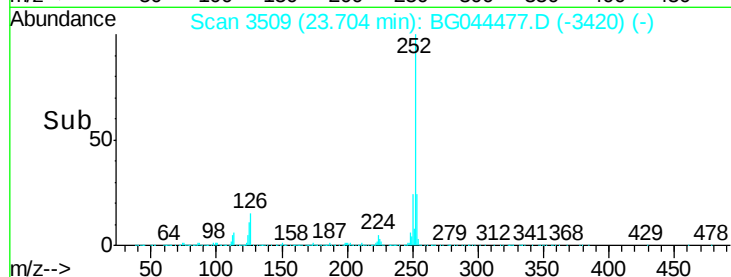
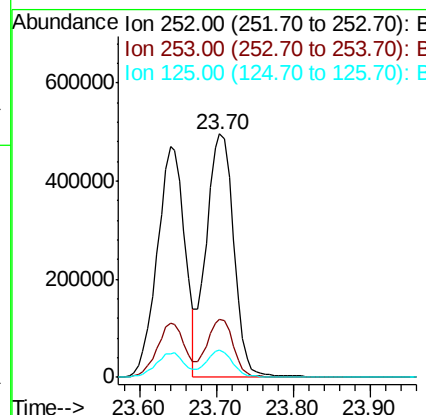
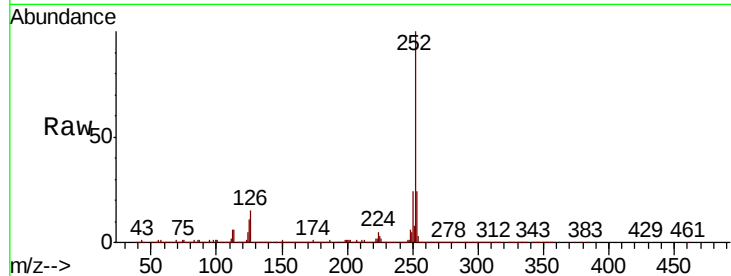




#89
Benzo(k)fluoranthene
Concen: 53.026 ng
RT: 23.70 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

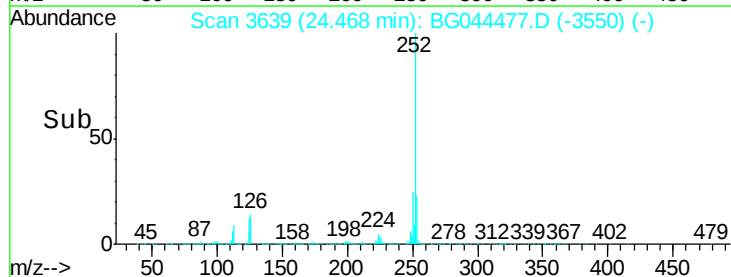
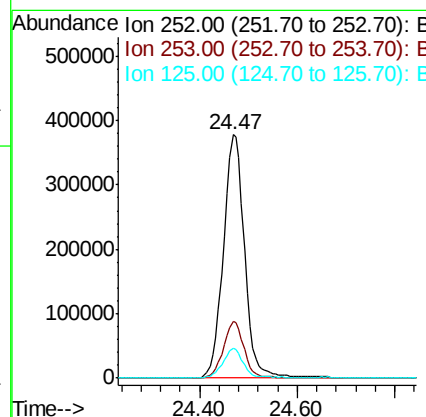
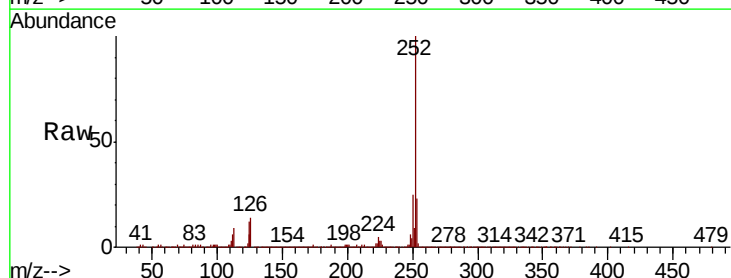
Instrument :
BNA_G
ClientSampleId :

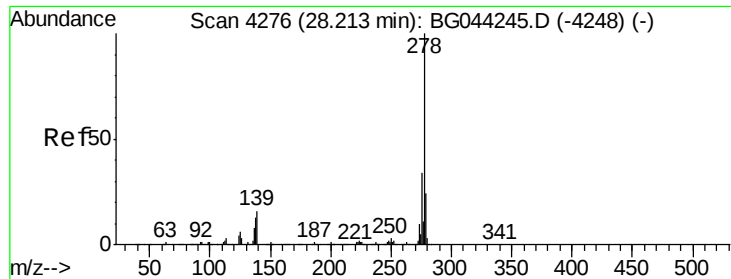
Tot Ion:252 Resp: 1218209
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 11.0 8.6 12.8



#90
Benzo(a)pyrene
Concen: 50.931 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:252 Resp: 1135069
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 12.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 52.462 ng

RT: 28.18 min Scan# 4270

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

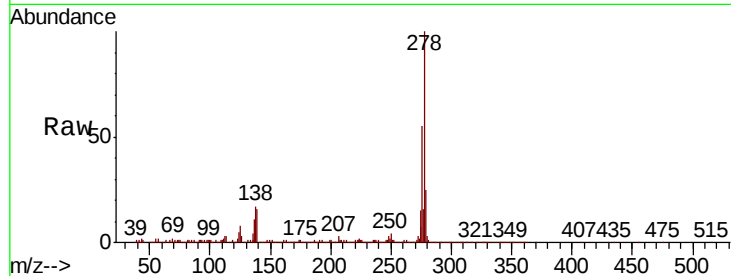
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1157127

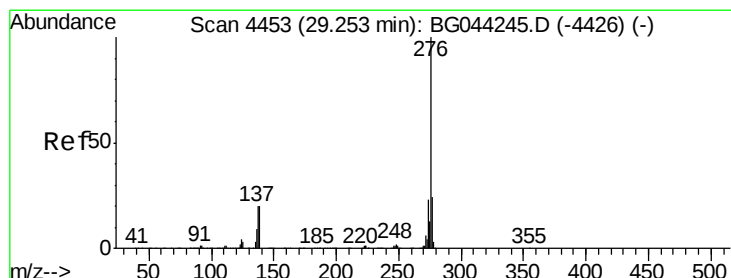
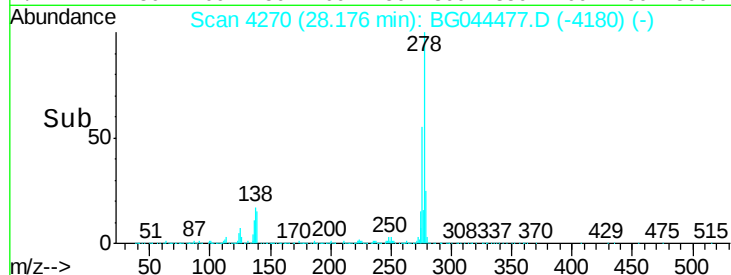
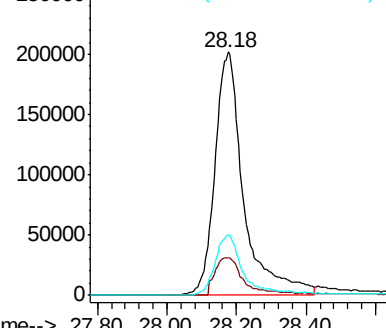
Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	25.0	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.329 ng

RT: 29.20 min Scan# 4445

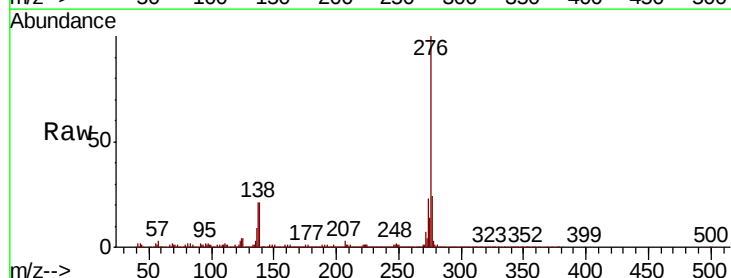
Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:276 Resp: 1067102

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.5	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

