

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
 Data File : BG044905.D
 Acq On : 19 Mar 2020 20:15
 Operator : CG/JU
 Sample : L1964-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Quant Time: Mar 20 01:21:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81306	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	308044	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	211922	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	487279	20.00	ng	0.00
76) Chrysene-d12	21.69	240	452614	20.00	ng	-0.01
87) Perylene-d12	24.90	264	539770	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	619689	118.65	ng	0.00
7) Phenol-d6	7.20	99	781254	102.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	624947	89.02	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	418700	150.89	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1276227	86.24	ng	0.00
79) Terphenyl-d14	20.03	244	2261791	93.47	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	86156	34.25	ng	# 24
3) Pyridine	3.93	79	167977	22.56	ng	99
4) n-Nitrosodimethylamine	3.83	42	120706	42.73	ng	99
6) Aniline	7.36	93	132802	14.06	ng	94
8) 2-Chlorophenol	7.61	128	254200	48.75	ng	98
9) Benzaldehyde	7.17	77	203954	46.04	ng	95
10) Phenol	7.23	94	285603	38.01	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	247376	41.26	ng	93
12) 1,3-Dichlorobenzene	7.94	146	267614	41.67	ng	96
13) 1,4-Dichlorobenzene	8.08	146	269105	42.38	ng	97
14) 1,2-Dichlorobenzene	8.40	146	248137	41.20	ng	99
15) Benzyl Alcohol	8.28	79	259397	42.60	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	368185	34.80	ng	98
17) 2-Methylphenol	8.49	107	220657	43.36	ng	98
18) Hexachloroethane	9.14	117	102112	40.85	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	208959	39.00	ng	98
20) 3+4-Methylphenols	8.81	107	303842	43.31	ng	97
22) Acetophenone	8.86	105	380980	43.66	ng	# 98
24) Nitrobenzene	9.24	77	322579	44.29	ng	100
25) Isophorone	9.77	82	596330	43.53	ng	99
26) 2-Nitrophenol	9.96	139	137502	53.64	ng	98
27) 2,4-Dimethylphenol	10.02	122	239336	53.64	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	328926	40.23	ng	99
29) 2,4-Dichlorophenol	10.49	162	253703	48.68	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	272823	43.78	ng	96
31) Naphthalene	10.90	128	753683	44.17	ng	98
32) Benzoic acid	10.15	122	109475	34.82	ng	97
33) 4-Chloroaniline	11.01	127	25061	3.26	ng	# 91
34) Hexachlorobutadiene	11.20	225	182726	44.59	ng	97
35) Caprolactam	11.76	113	31662	16.05	ng	# 85
36) 4-Chloro-3-methylphenol	12.12	107	292907	47.13	ng	96
37) 2-Methylnaphthalene	12.50	142	567366	44.45	ng	95
38) 1-Methylnaphthalene	12.73	142	541553	45.13	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	300096	43.00	ng	99

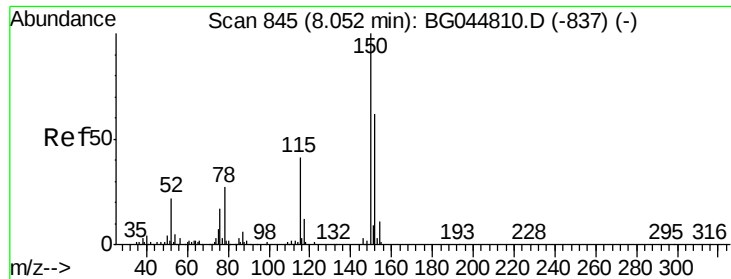
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
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 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	368666	96.66	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	225965	48.79	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	242301	50.44	ng	94
46) 1,1'-Biphenyl	13.51	154	709904	41.92	ng	99
47) 2-Chloronaphthalene	13.56	162	548022	42.36	ng	99
48) 2-Nitroaniline	13.74	65	202789	44.77	ng	98
49) Acenaphthylene	14.40	152	917867	45.29	ng	98
50) Dimethylphthalate	14.13	163	794112	47.05	ng	99
51) 2,6-Dinitrotoluene	14.24	165	173550	51.01	ng	97
52) Acenaphthene	14.74	154	660255	49.74	ng	99
53) 3-Nitroaniline	14.57	138	53695	13.73	ng	99
54) 2,4-Dinitrophenol	14.77	184	179113	98.59	ng	92
55) Dibenzofuran	15.08	168	878626	45.65	ng	99
56) 4-Nitrophenol	14.88	139	261943	87.75	ng	92
57) 2,4-Dinitrotoluene	15.03	165	246226	52.77	ng	97
58) Fluorene	15.72	166	727551	45.95	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	229105	51.81	ng	# 93
60) Diethylphthalate	15.49	149	786151	44.66	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	396539	46.51	ng	98
62) 4-Nitroaniline	15.74	138	173052	41.49	ng	95
63) Azobenzene	16.01	77	780180	42.68	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	138587	58.44	ng	96
66) n-Nitrosodiphenylamine	15.93	169	665266	45.35	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	275230	45.18	ng	98
68) Hexachlorobenzene	16.73	284	297515	45.02	ng	99
69) Atrazine	16.88	200	268820	50.01	ng	98
70) Pentachlorophenol	17.08	266	368548	101.35	ng	98
71) Phenanthrene	17.46	178	1204226	46.25	ng	100
72) Anthracene	17.56	178	1237590	48.20	ng	99
73) Carbazole	17.82	167	1170047	47.44	ng	99
74) Di-n-butylphthalate	18.39	149	1388598	46.31	ng	99
75) Fluoranthene	19.47	202	1534152	49.48	ng	99
77) Benzidine	19.64	184	185375	12.62	ng	98
78) Pyrene	19.83	202	1529736	46.07	ng	99
80) Butylbenzylphthalate	20.72	149	655480	44.37	ng	96
81) Benzo(a)anthracene	21.67	228	1498273	45.97	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	186113	14.76	ng	97
83) Chrysene	21.74	228	1408144	45.23	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	907743	44.52	ng	99
85) Di-n-octyl phthalate	22.81	149	1560395	45.73	ng	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1968233	48.22	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	1628403	45.70	ng	99
89) Benzo(k)fluoranthene	23.95	252	1570453	46.57	ng	99
90) Benzo(a)pyrene	24.75	252	1504788	45.13	ng	96
91) Dibenzo(a,h)anthracene	28.60	278	1580274	48.04	ng	98
92) Benzo(g,h,i)perylene	29.68	276	1623158	48.84	ng	98

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

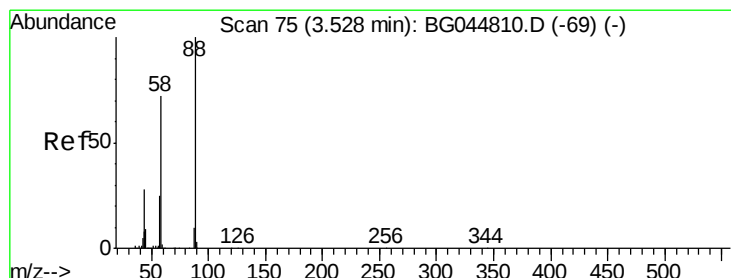
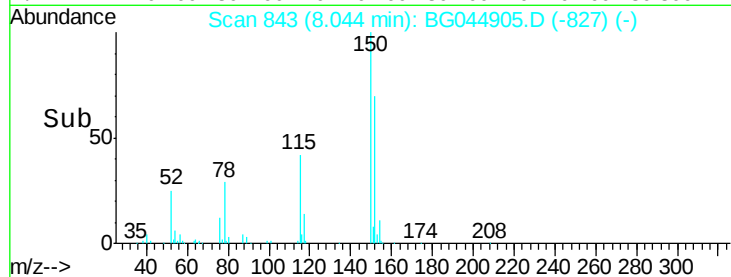
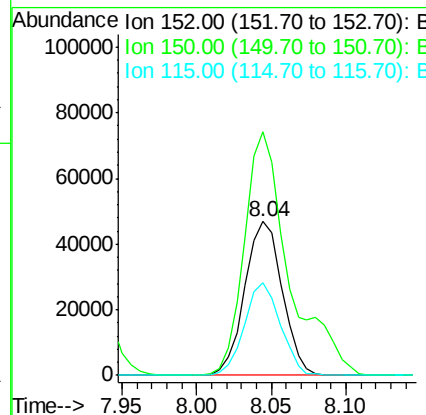
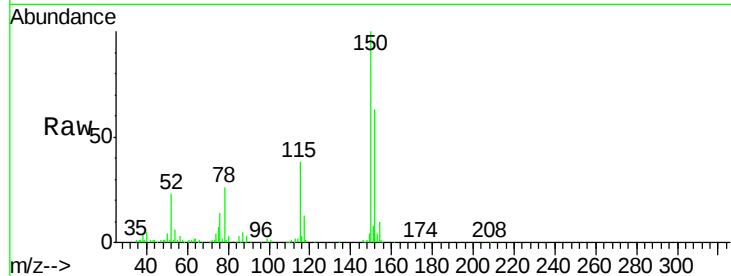


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

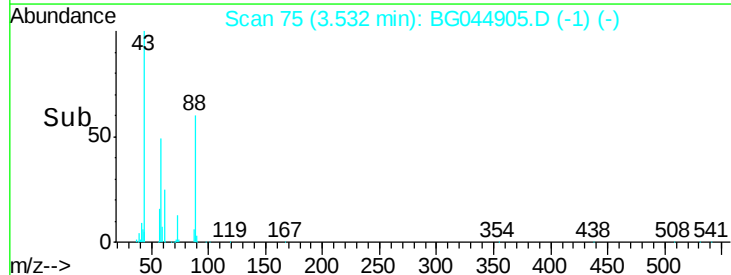
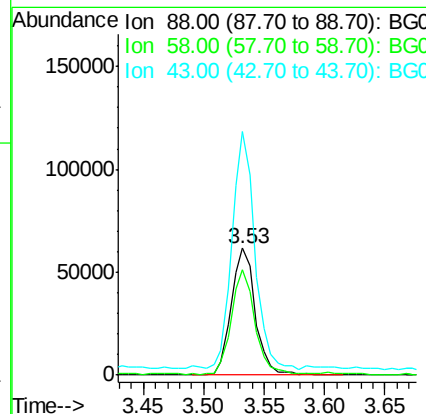
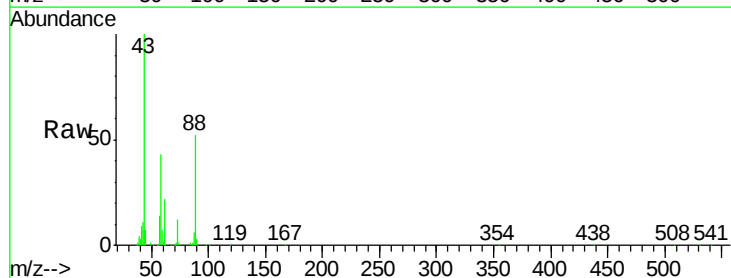
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	128.8	193.2
115	60.5	52.6	79.0

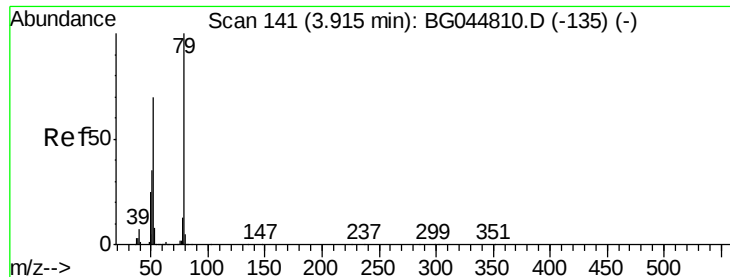


#2

1,4-Dioxane
Concen: 34.25 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	63.0	94.4
43	174.9	24.8	37.2





#3

Pyridine

Concen: 22.56 ng

RT: 3.93 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

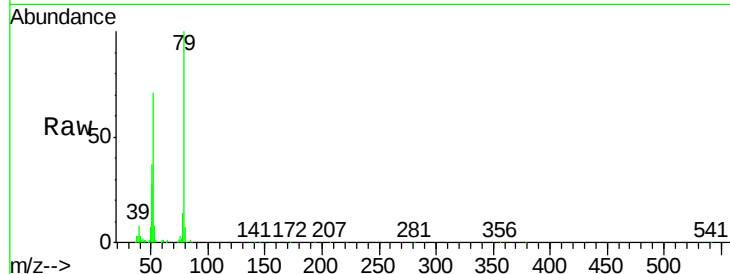
Tgt Ion: 79 Resp: 167977

Ion Ratio Lower Upper

79 100

52 70.7 56.3 84.5

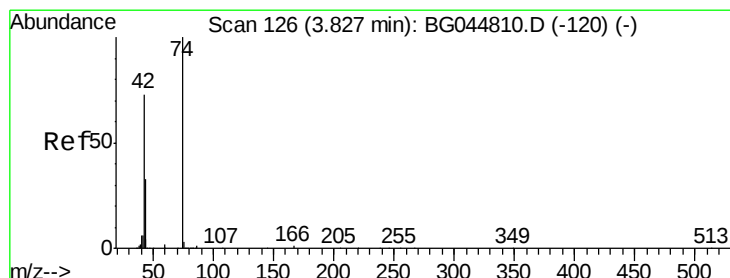
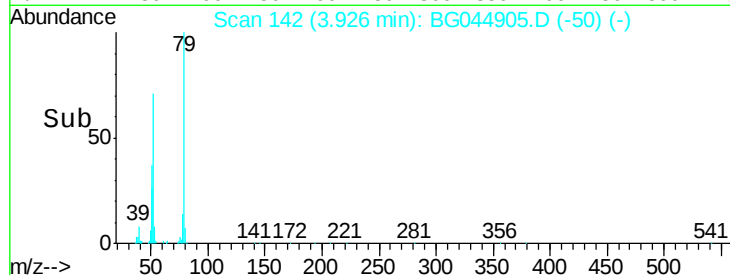
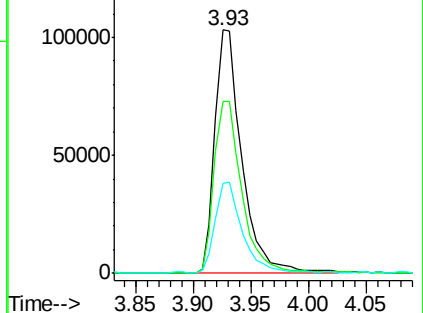
51 37.1 28.1 42.1



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: 42.73 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

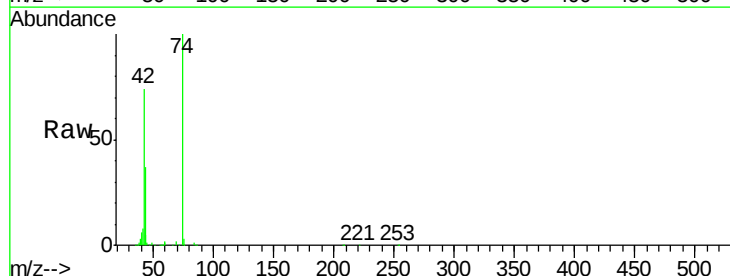
Tgt Ion: 42 Resp: 120706

Ion Ratio Lower Upper

42 100

74 134.8 109.1 163.7

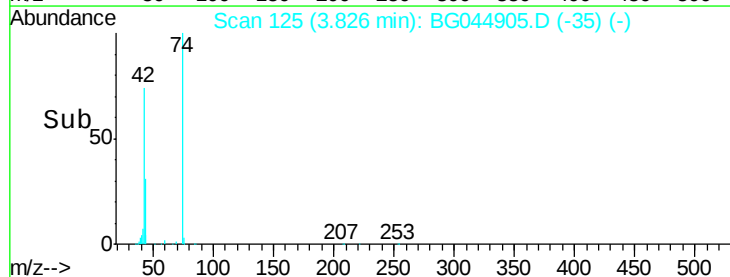
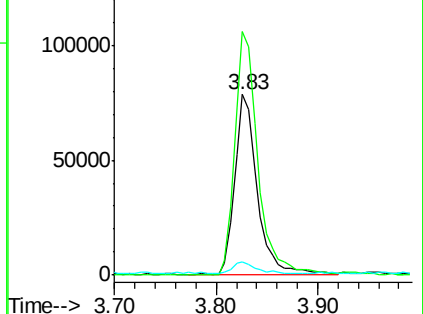
44 7.4 5.4 8.2

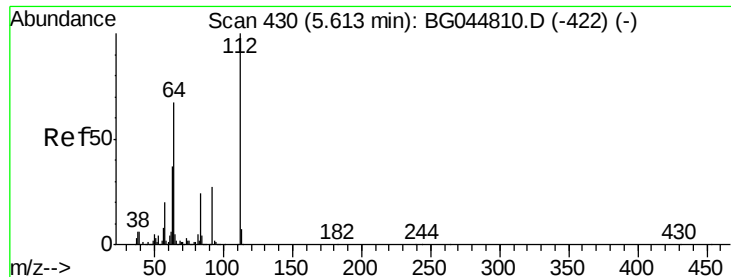


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 118.65 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

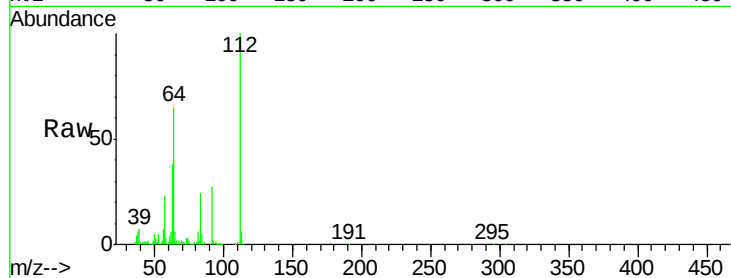
Tgt Ion: 112 Resp: 619689

Ion Ratio Lower Upper

112 100

64 65.1 53.4 80.2

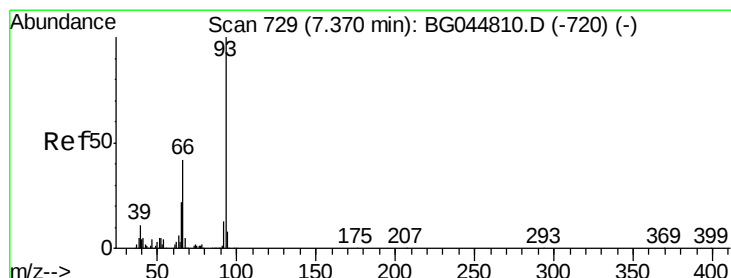
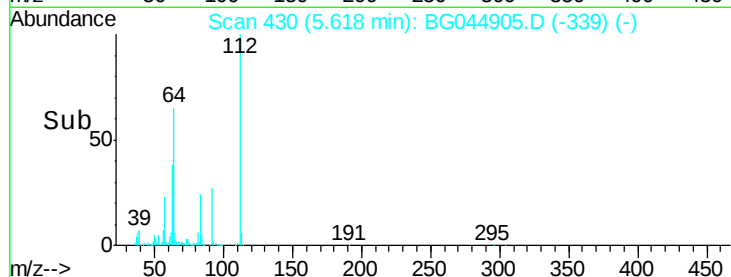
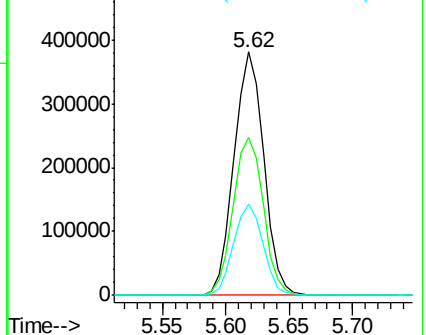
63 37.5 29.4 44.2



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: 14.06 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

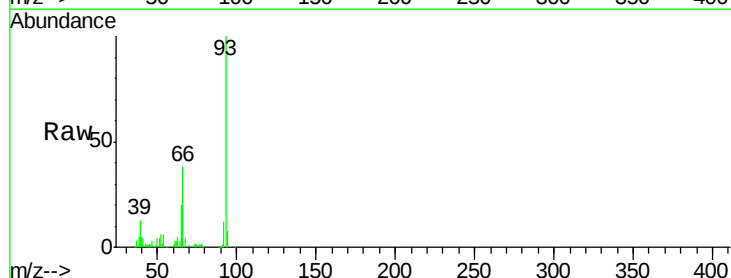
Tgt Ion: 93 Resp: 132802

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

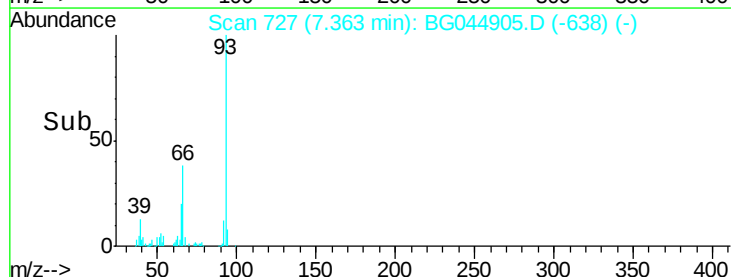
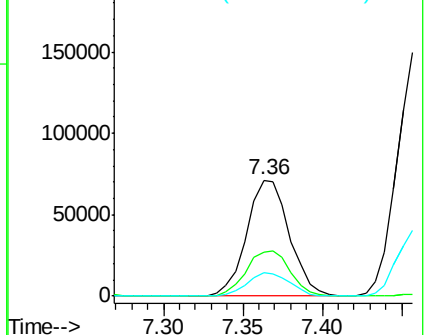
65 19.7 17.7 26.5

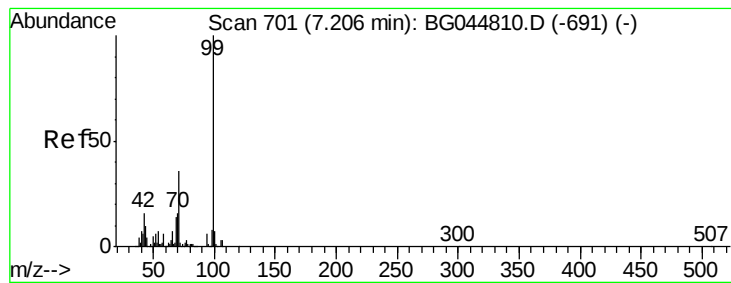


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.95 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

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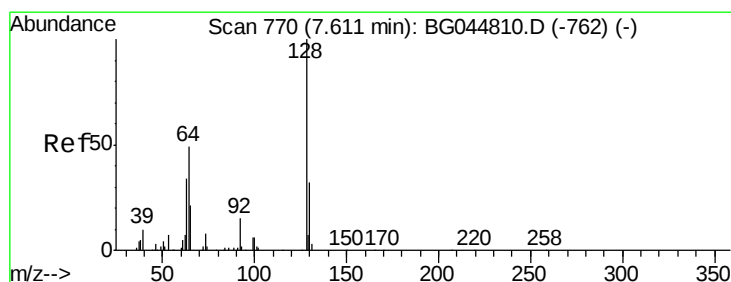
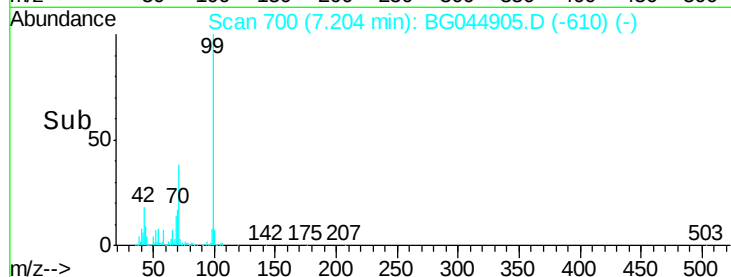
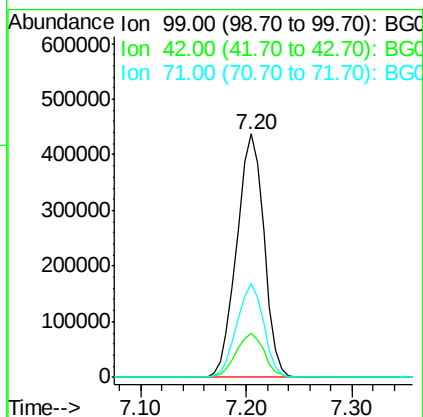
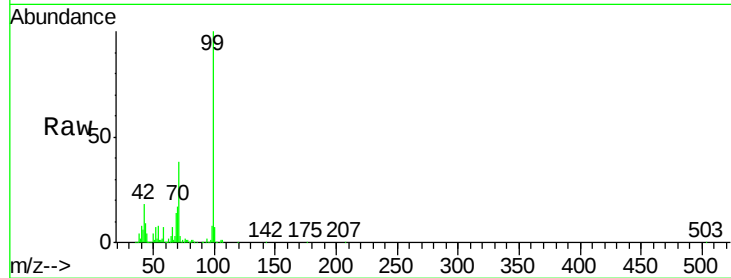
Tgt Ion: 99 Resp: 781254

Ion Ratio Lower Upper

99 100

42 18.0 12.6 19.0

71 38.5 29.0 43.4



#8

2-Chlorophenol

Concen: 48.75 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

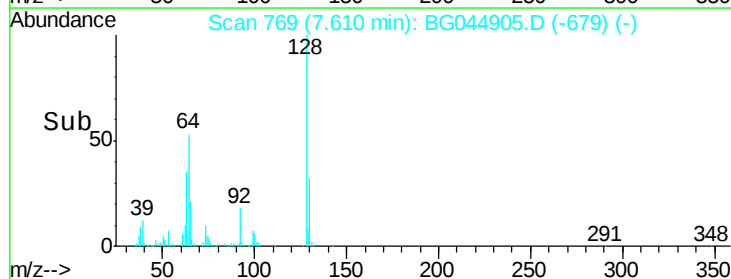
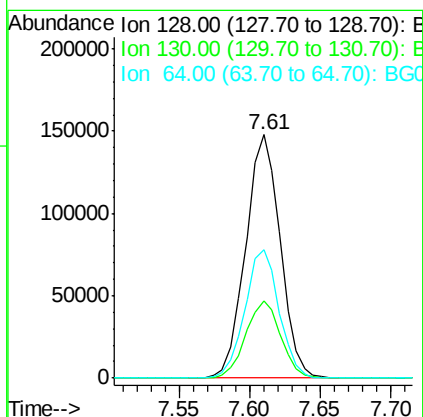
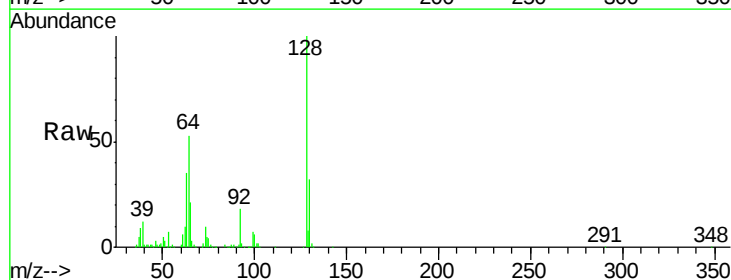
Tgt Ion: 128 Resp: 254200

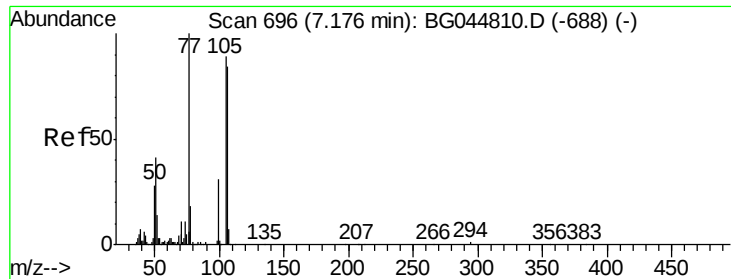
Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

64 52.5 34.5 74.5





#9

Benzaldehyde

Concen: 46.04 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

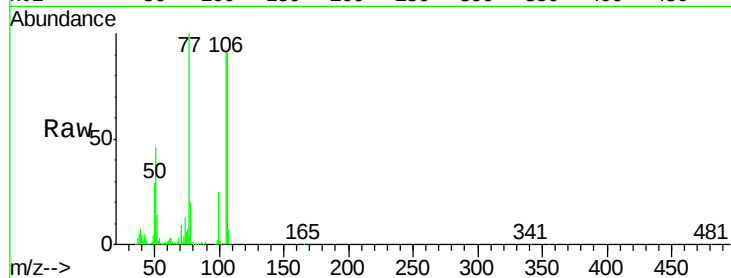
Tgt Ion: 77 Resp: 203954

Ion Ratio Lower Upper

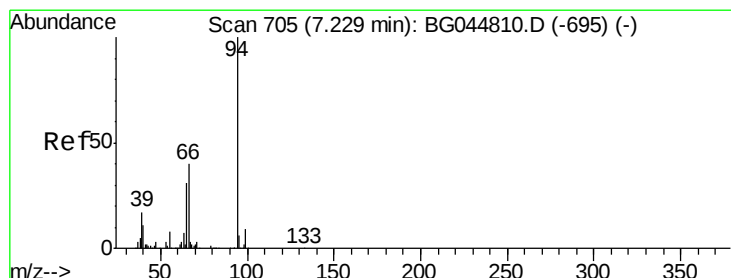
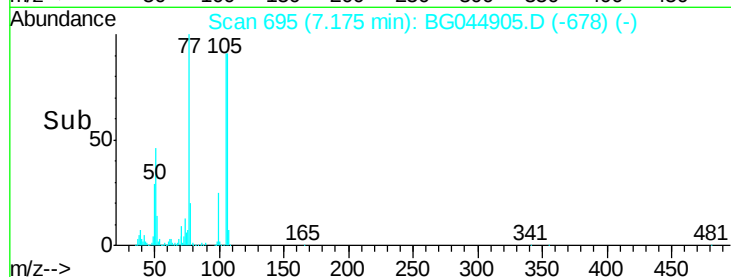
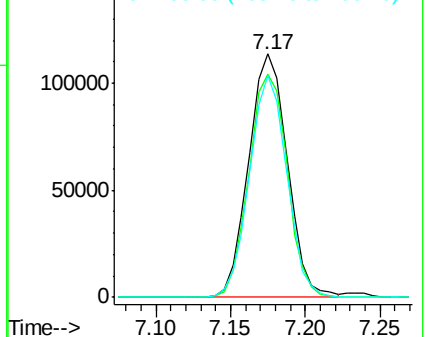
77 100

105 91.5 69.3 109.3

106 91.0 64.5 104.5



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: 38.01 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

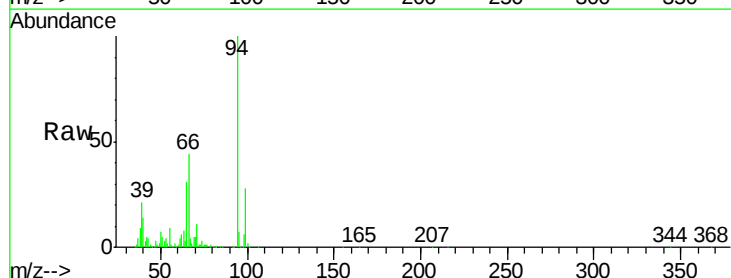
Tgt Ion: 94 Resp: 285603

Ion Ratio Lower Upper

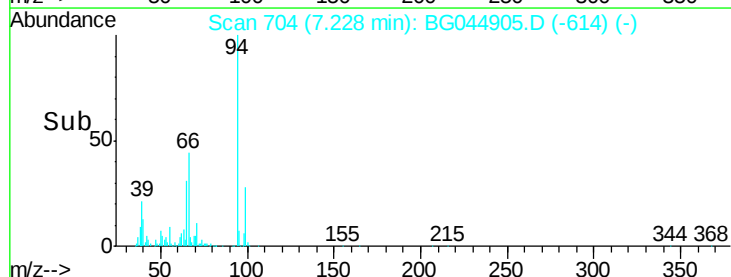
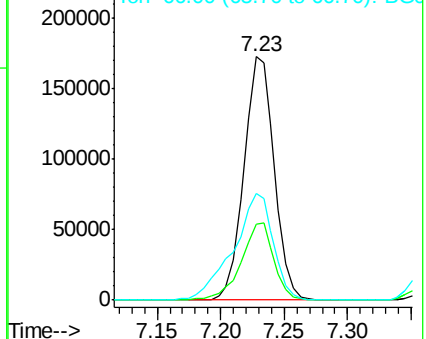
94 100

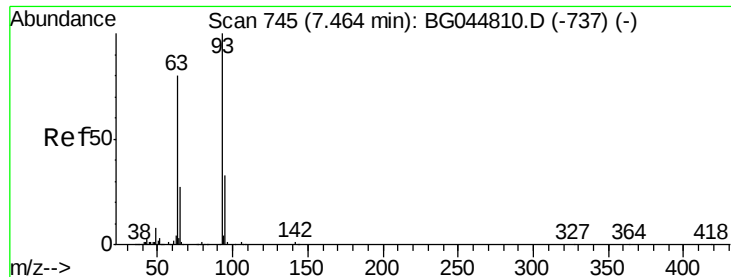
65 31.3 11.0 51.0

66 43.9 20.1 60.1



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

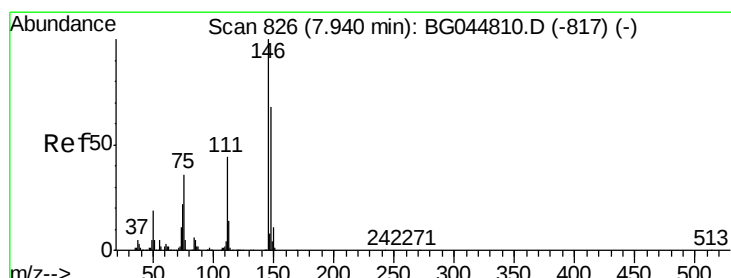
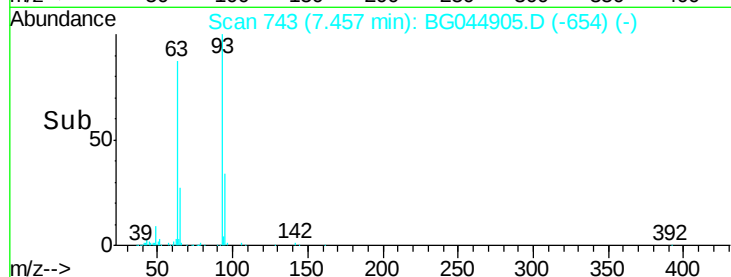
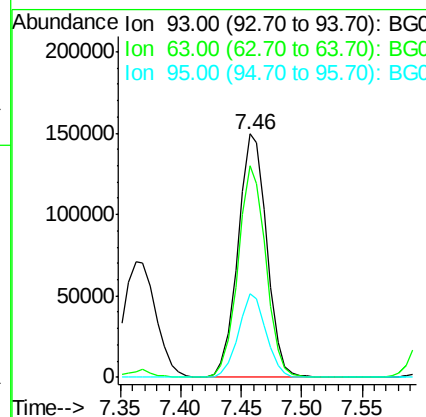
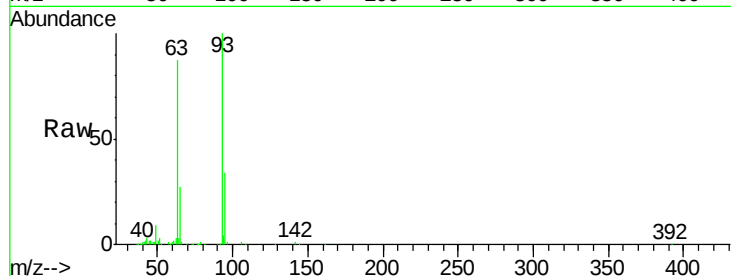




#11
bis(2-Chloroethyl)ether
Concen: 41.26 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

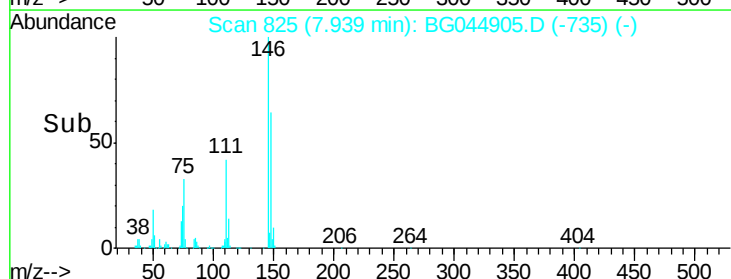
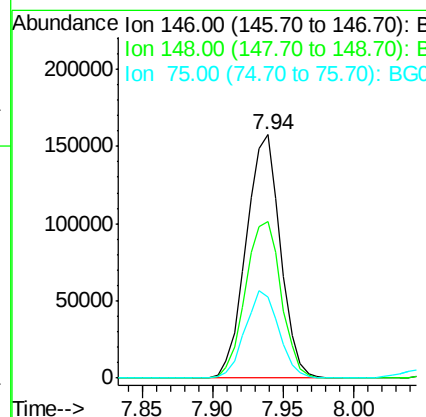
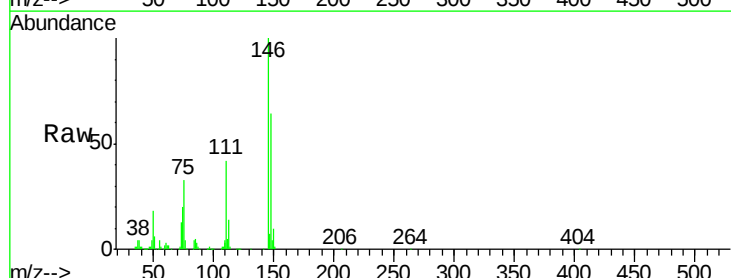
Instrument :
BNA_G
ClientSampleId :
2000448388MS

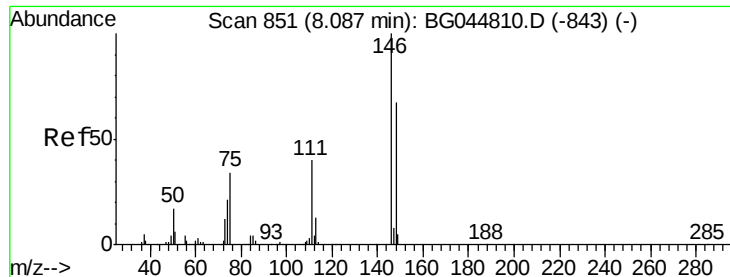
Tgt Ion: 93 Resp: 247376
Ion Ratio Lower Upper
93 100
63 87.1 59.7 99.7
95 34.2 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 41.67 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion: 146 Resp: 267614
Ion Ratio Lower Upper
146 100
148 64.1 54.2 81.4
75 33.2 28.6 42.8

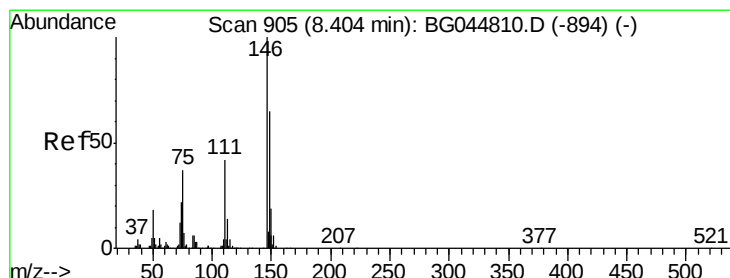
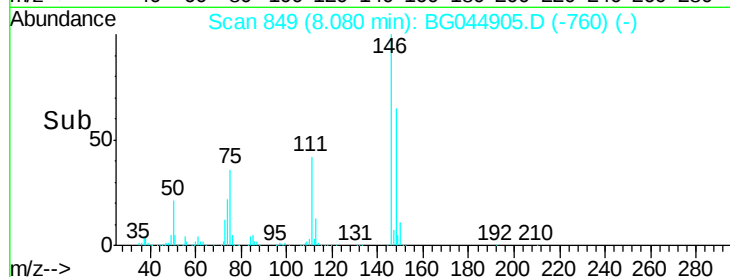
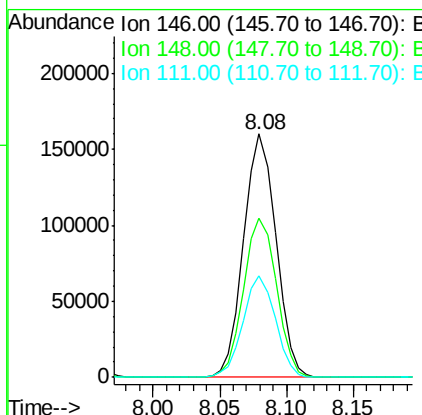
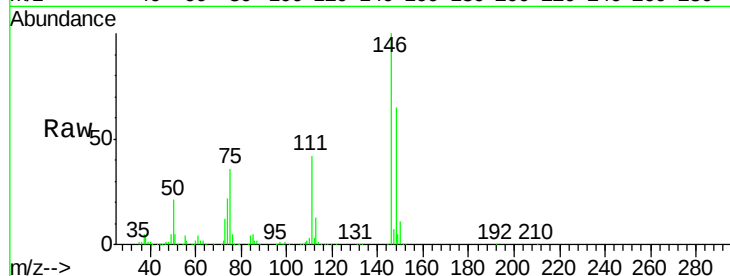




#13
 1,4-Dichlorobenzene
 Concen: 42.38 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

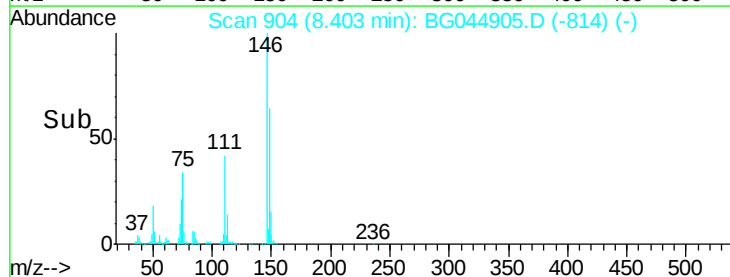
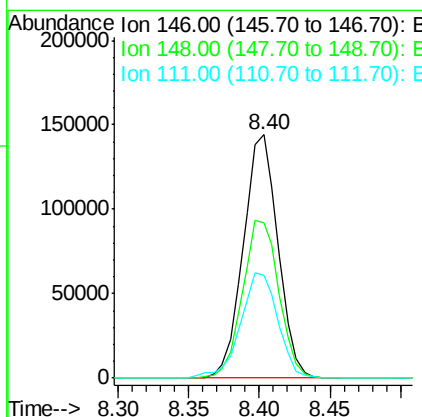
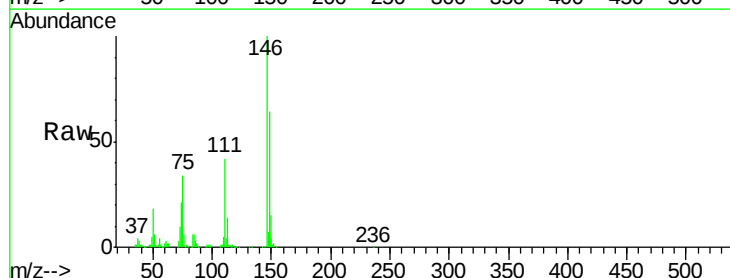
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

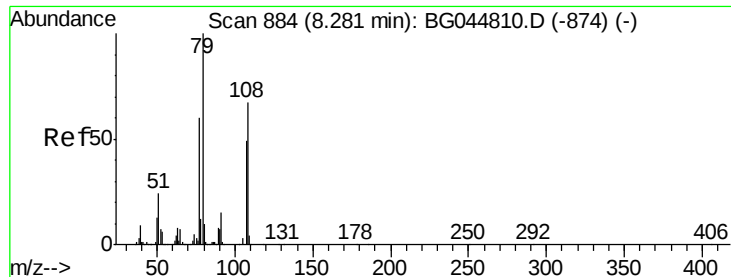
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.8	80.6
111	41.8	32.0	48.0



#14
 1,2-Dichlorobenzene
 Concen: 41.20 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
111	42.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 42.60 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

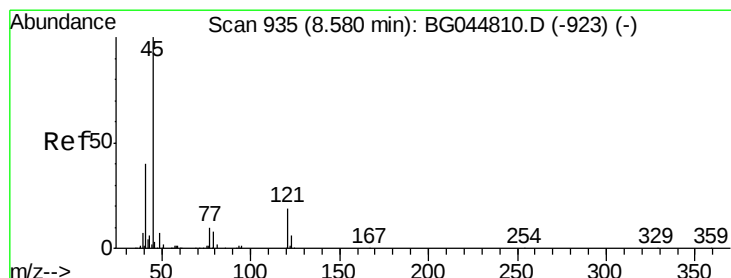
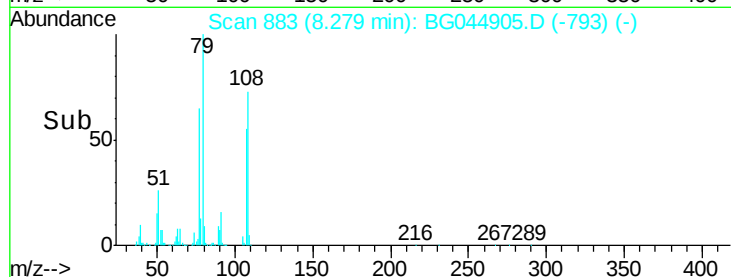
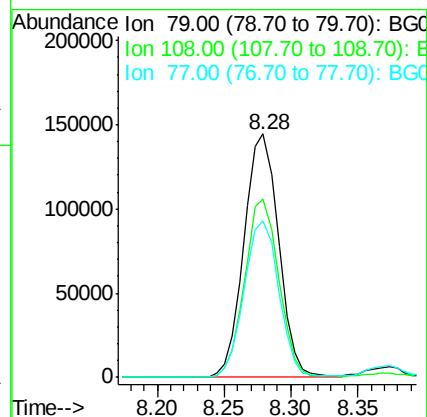
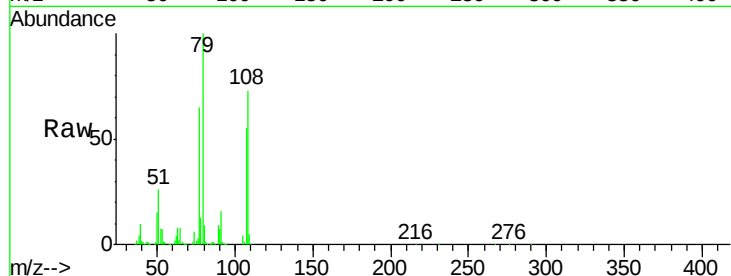
Tgt Ion: 79 Resp: 259397

Ion Ratio Lower Upper

79 100

108 73.3 53.8 80.8

77 64.6 47.8 71.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.80 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

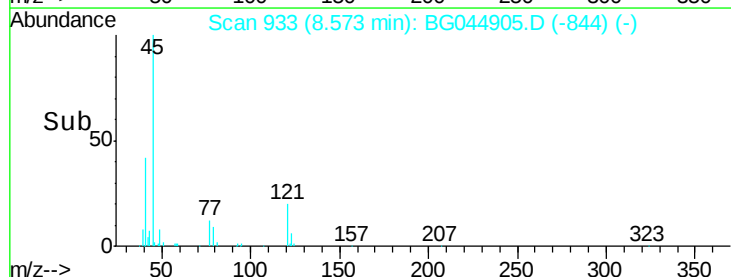
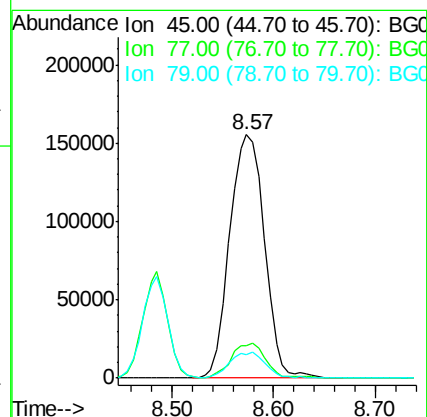
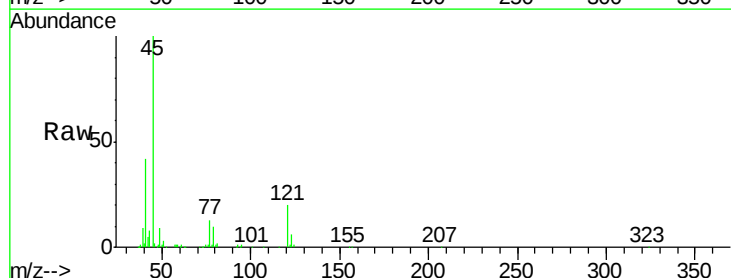
Tgt Ion: 45 Resp: 368185

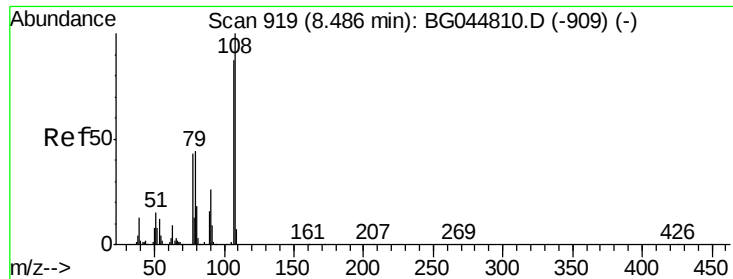
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.9

79 9.8 0.0 30.8

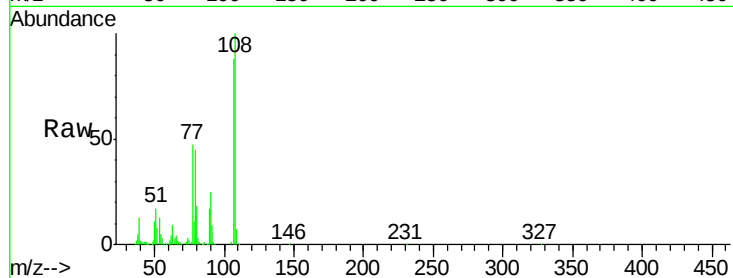




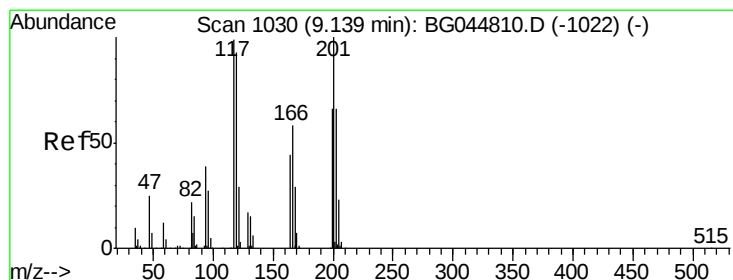
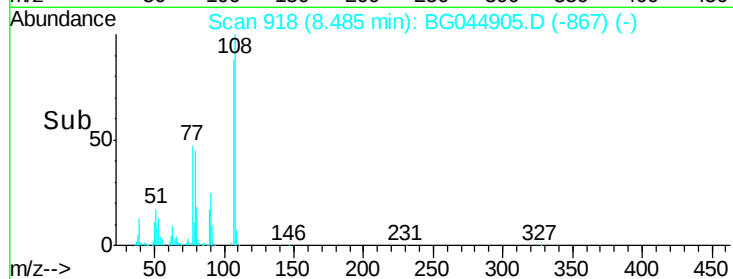
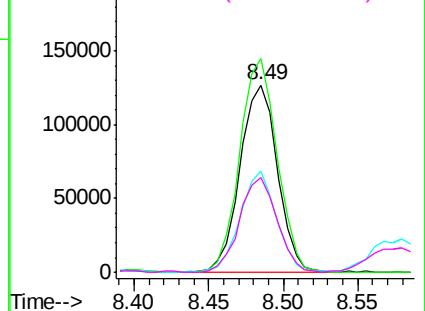
#17
2-Methylphenol
Concen: 43.36 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tgt Ion:	107	Resp:	220657
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.8	137.8
77	54.0	40.0	60.0
79	50.8	40.2	60.2

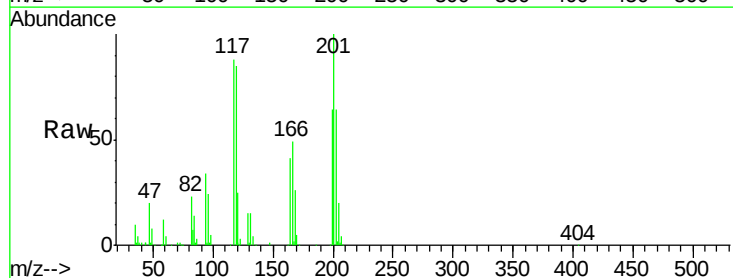


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

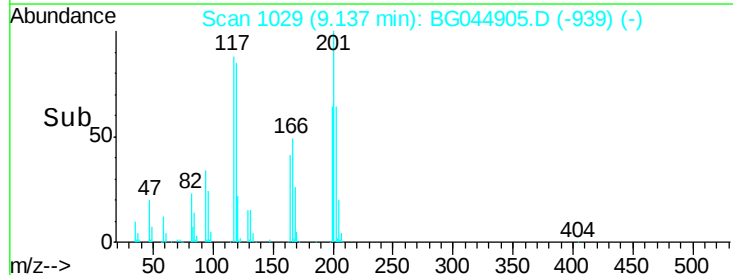
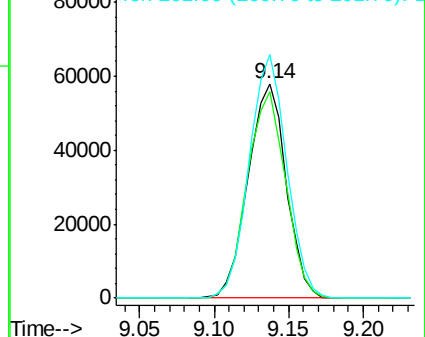


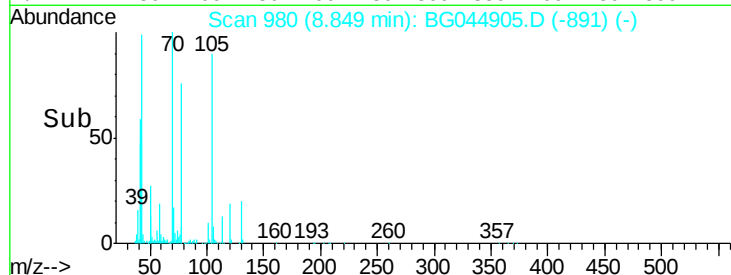
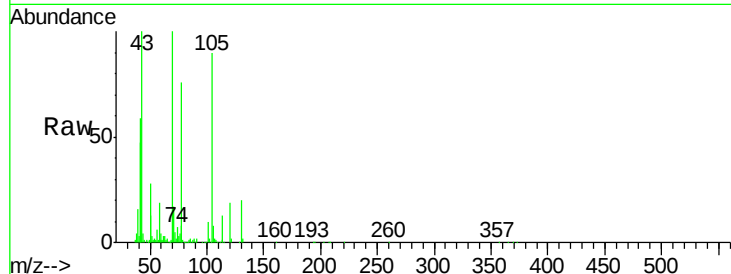
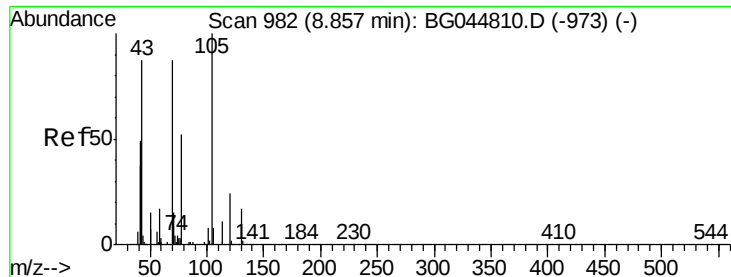
#18
Hexachloroethane
Concen: 40.85 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:	117	Resp:	102112
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.2	112.8
201	113.5	81.1	121.7



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

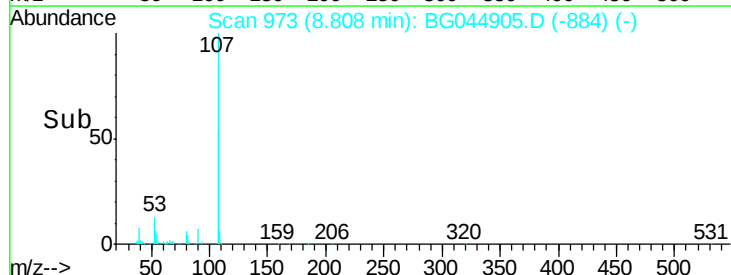
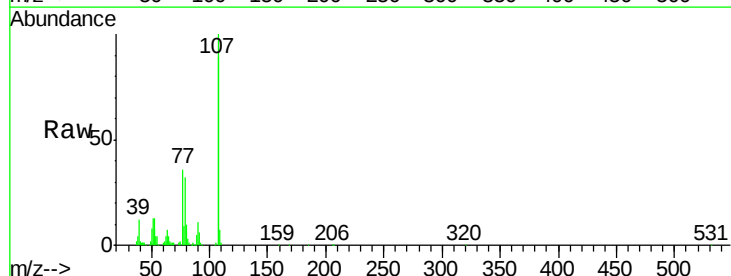
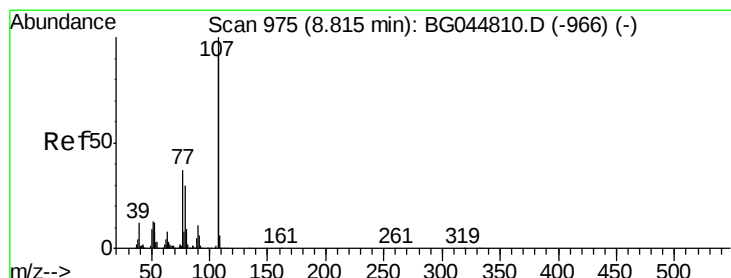
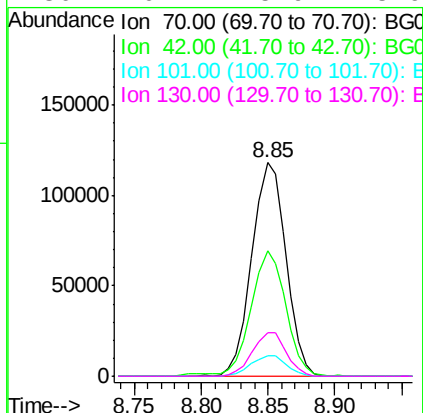




#19
n-Nitroso-di-n-propylamine
Concen: 39.00 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

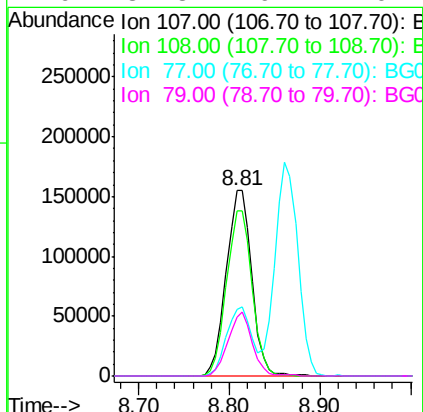
Instrument :
BNA_G
ClientSampleId :
2000448388MS

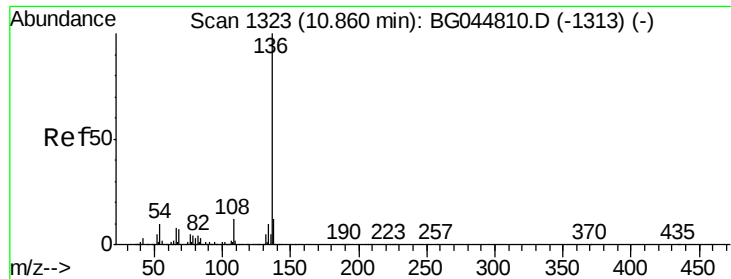
Tgt Ion:	70	Resp:	208959
Ion	Ratio	Lower	Upper
70	100		
42	58.7	45.7	68.5
101	9.7	7.4	11.2
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.31 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:	107	Resp:	303842
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.3	111.3
77	36.1	16.9	56.9
79	31.8	9.7	49.7

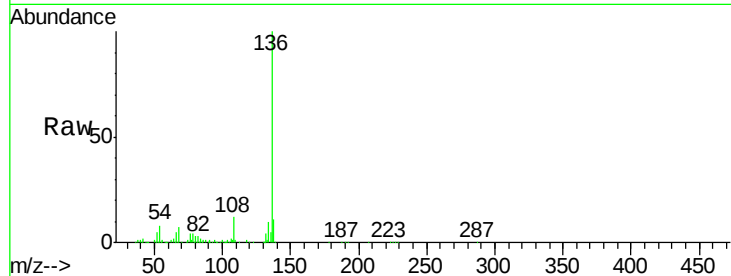




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tgt Ion:	136	Resp:	308044
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	8.0	7.9	11.9
68	6.9	5.4	8.0



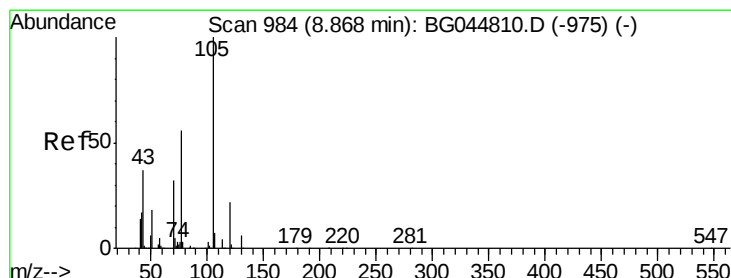
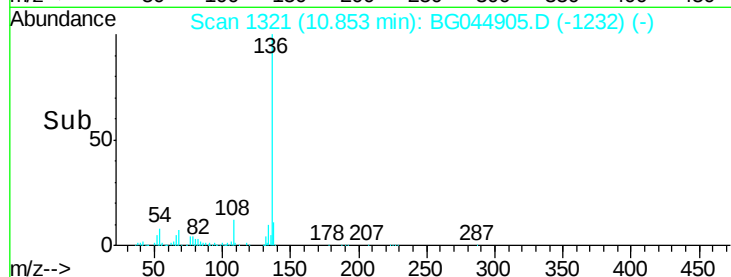
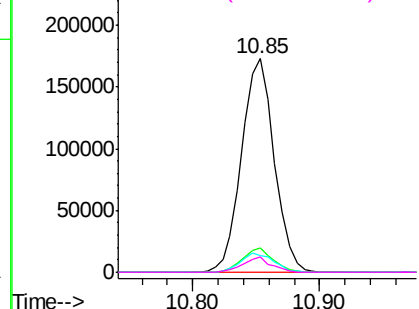
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

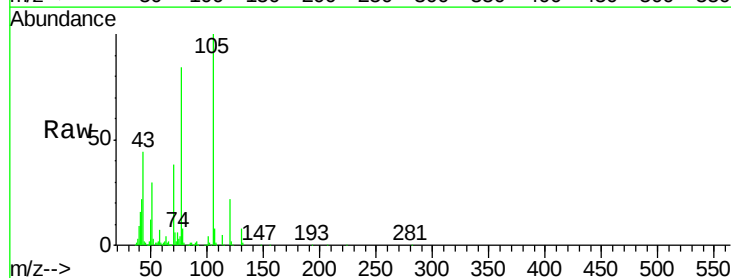
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.66 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:	105	Resp:	380980
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.9	5.9#
51	29.5	22.6	33.8
120	21.8	17.3	25.9



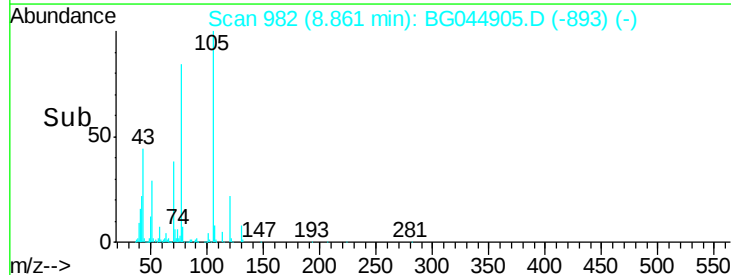
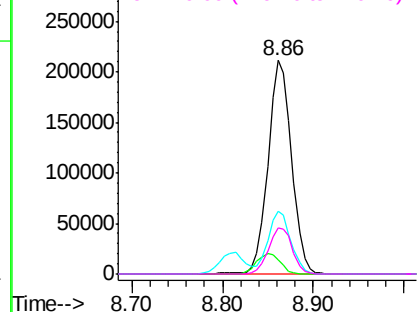
Abundance

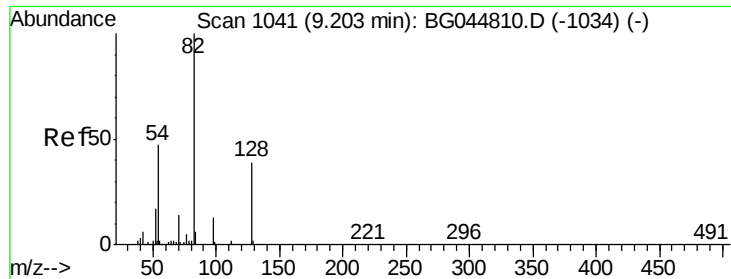
Ion 105.00 (104.70 to 105.70): E

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

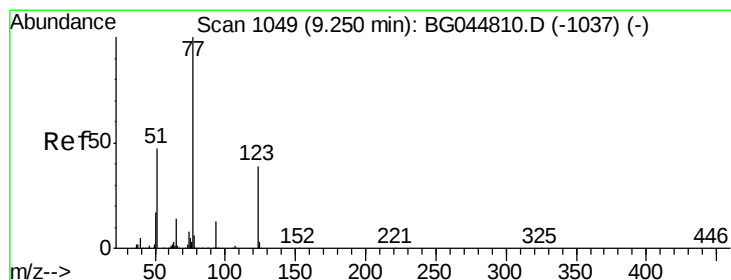
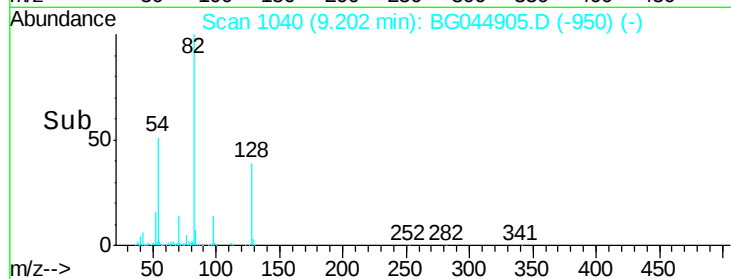
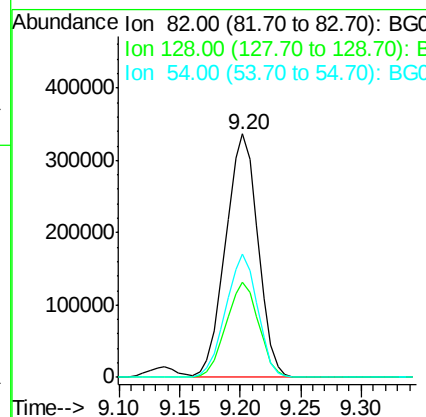
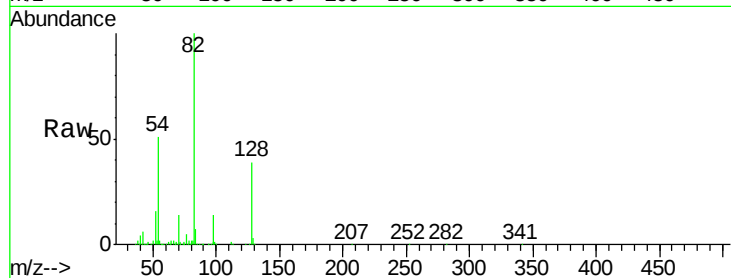




#23
 Nitrobenzene-d5
 Concen: 89.02 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

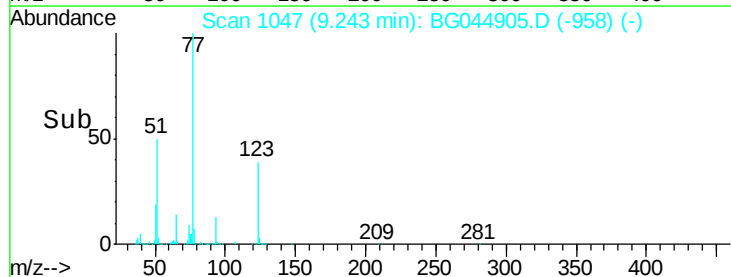
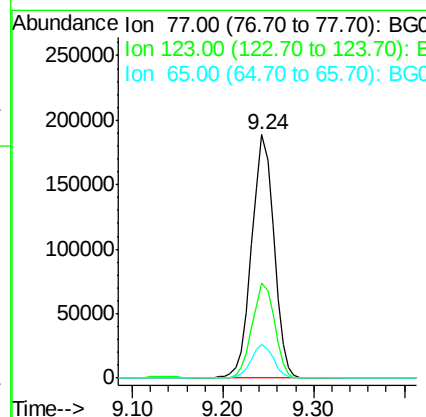
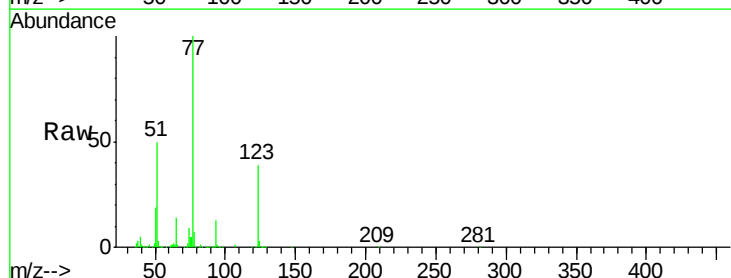
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

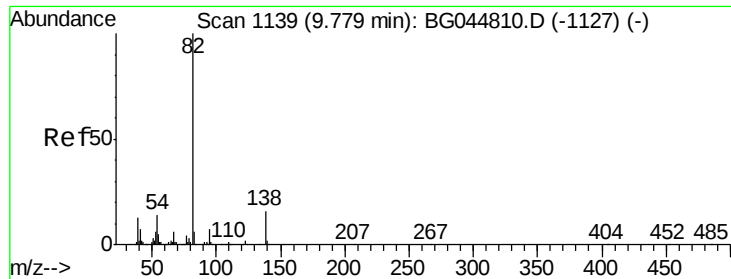
Tgt Ion: 82 Resp: 624947
 Ion Ratio Lower Upper
 82 100
 128 39.1 30.6 46.0
 54 50.7 37.1 55.7



#24
 Nitrobenzene
 Concen: 44.29 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion: 77 Resp: 322579
 Ion Ratio Lower Upper
 77 100
 123 38.9 31.3 46.9
 65 13.7 11.4 17.0





#25

Isophorone

Concen: 43.53 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

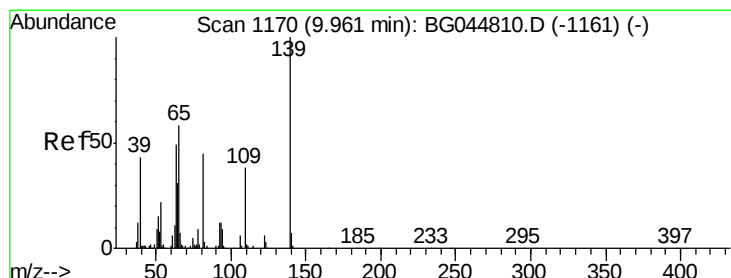
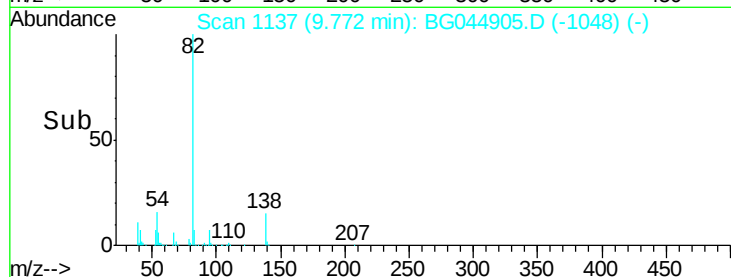
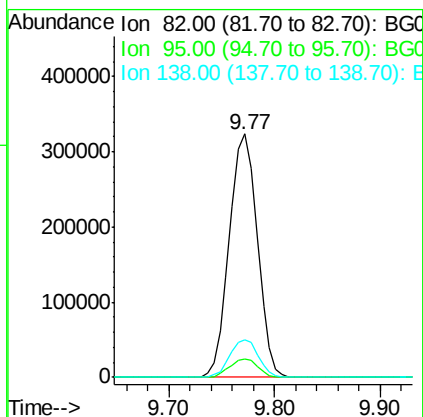
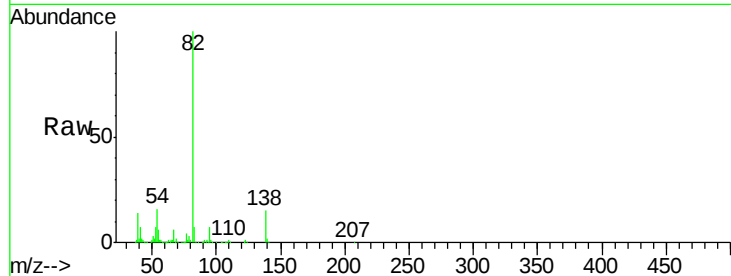
Tgt Ion: 82 Resp: 596330

Ion Ratio Lower Upper

82 100

95 7.5 5.5 8.3

138 15.2 12.5 18.7



#26

2-Nitrophenol

Concen: 53.64 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

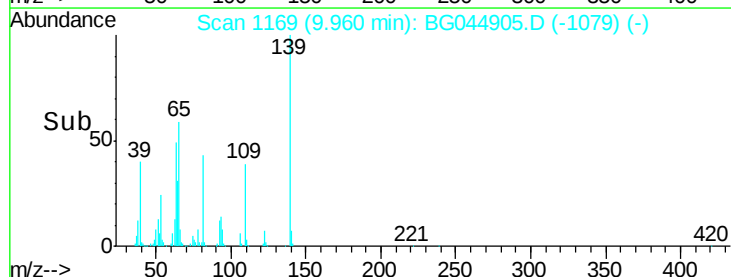
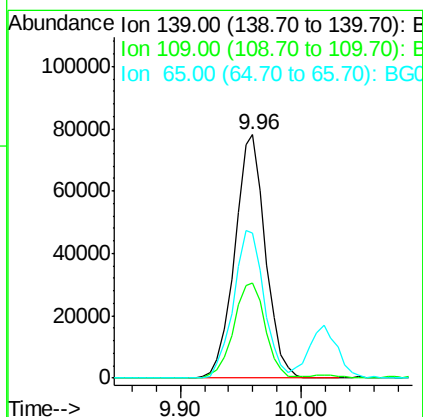
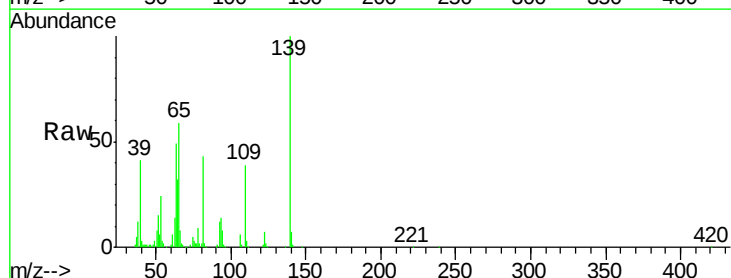
Tgt Ion: 139 Resp: 137502

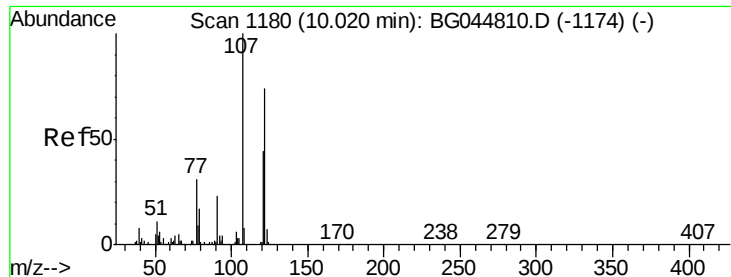
Ion Ratio Lower Upper

139 100

109 38.9 30.2 45.4

65 59.4 46.3 69.5

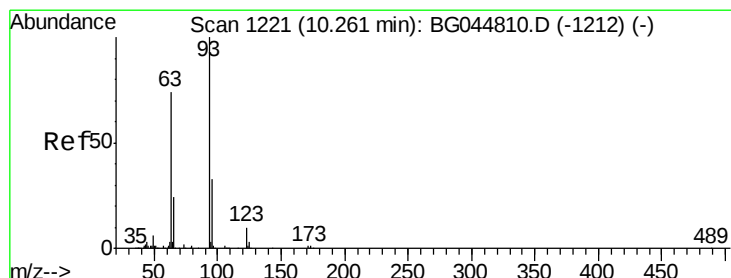
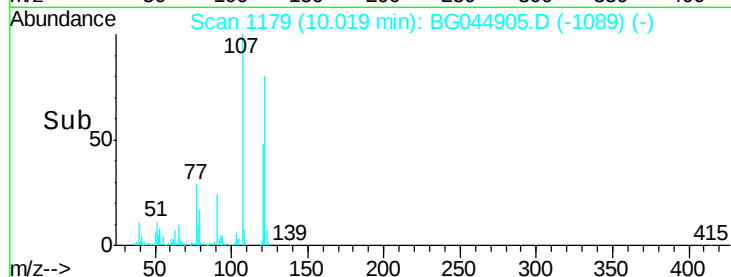
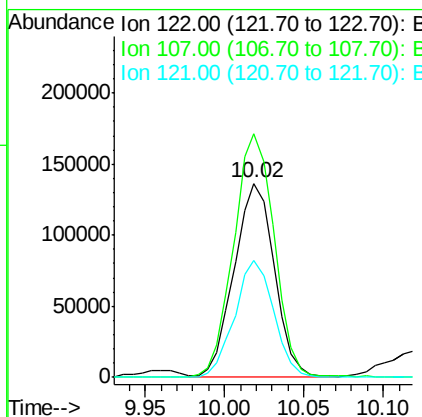
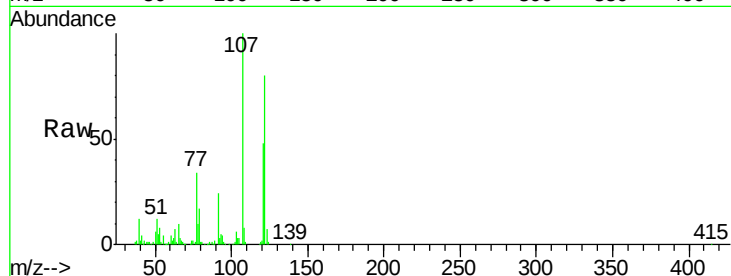




#27
 2,4-Dimethylphenol
 Concen: 53.64 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

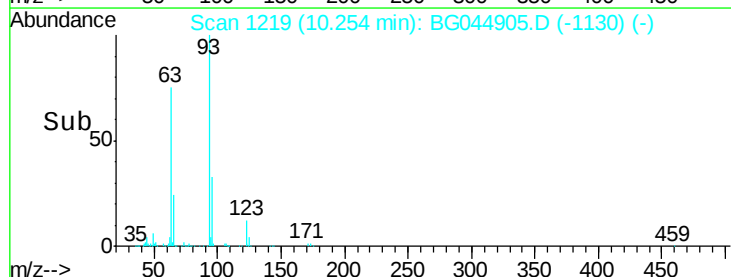
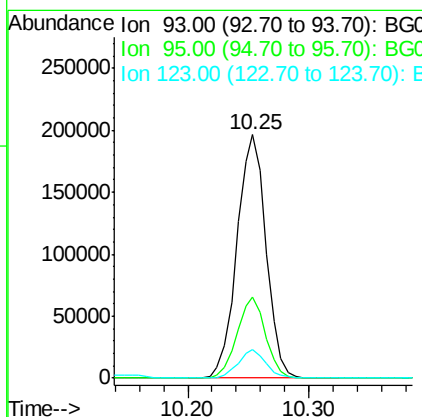
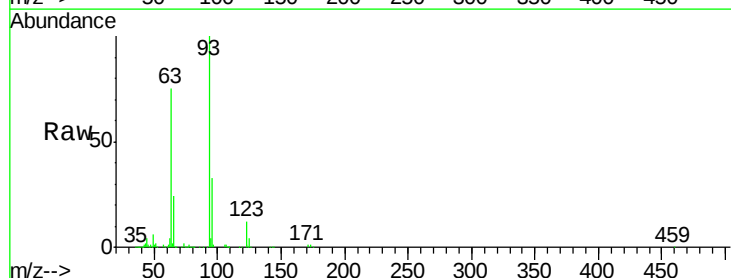
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

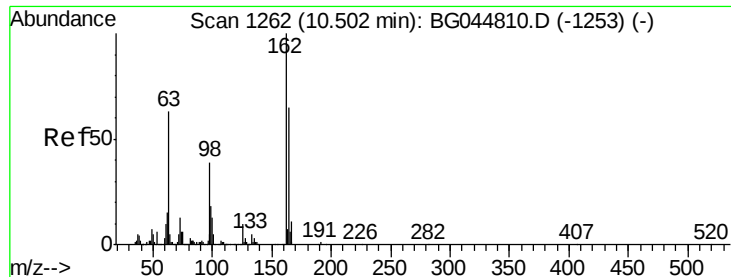
Tgt Ion: 122 Resp: 239336
 Ion Ratio Lower Upper
 122 100
 107 125.7 107.1 160.7
 121 60.6 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.23 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion: 93 Resp: 328926
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.4 39.6
 123 11.7 8.4 12.6

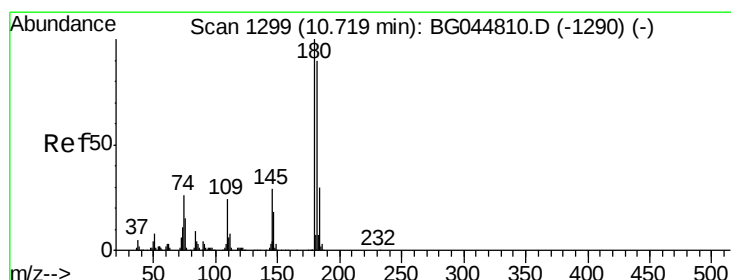
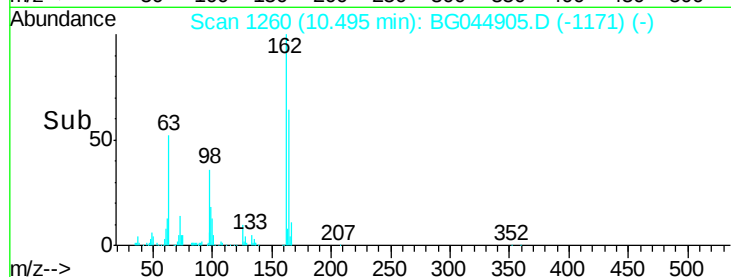
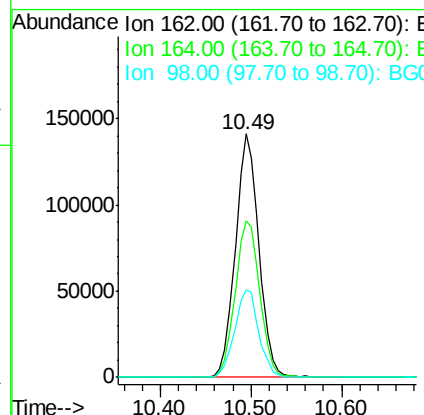
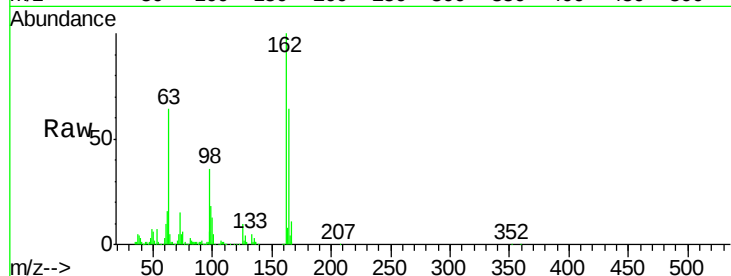




#29
 2,4-Dichlorophenol
 Concen: 48.68 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

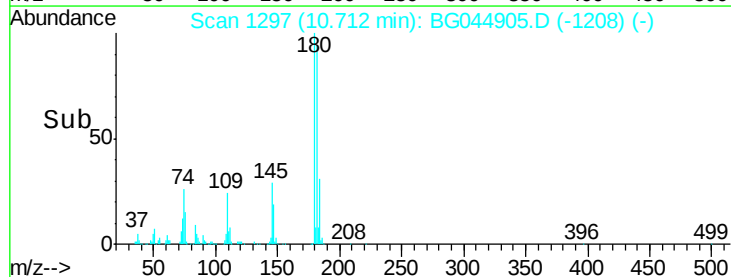
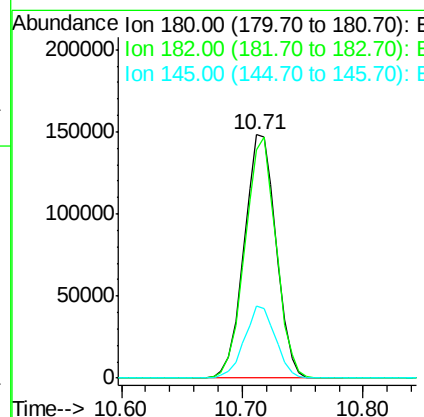
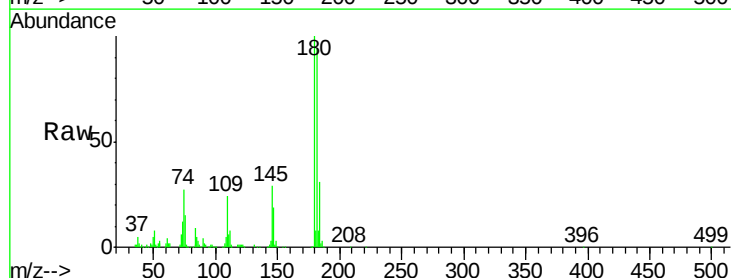
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.2	85.2
98	35.9	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.78 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	71.6	107.4
145	29.5	23.4	35.0

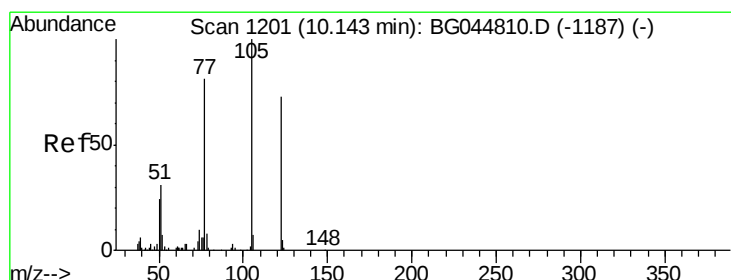
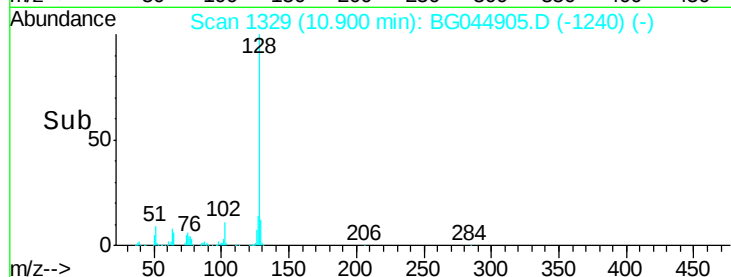
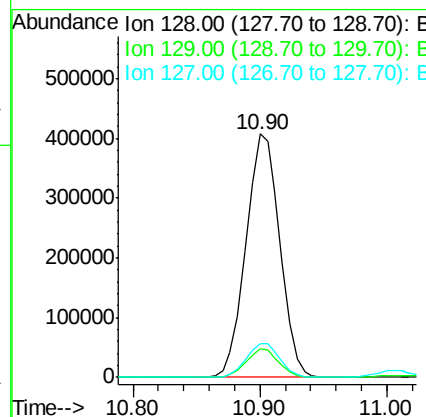
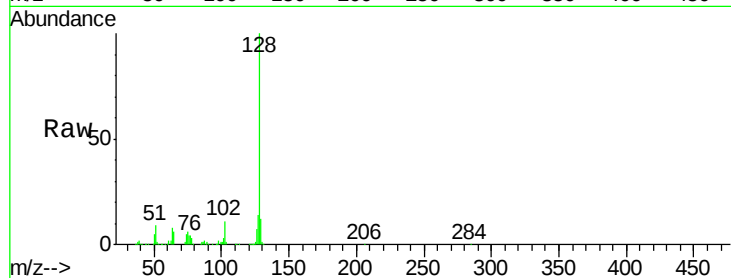




#31
Naphthalene
Concen: 44.17 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

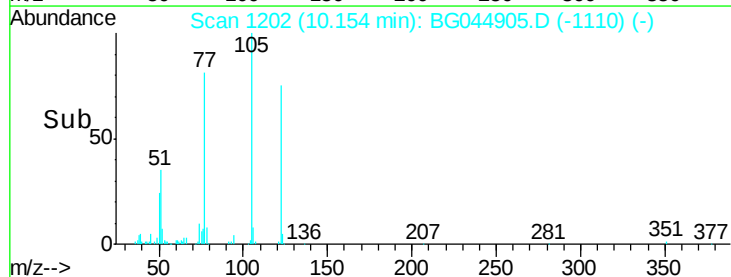
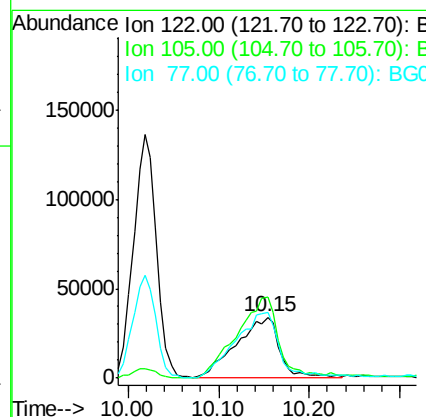
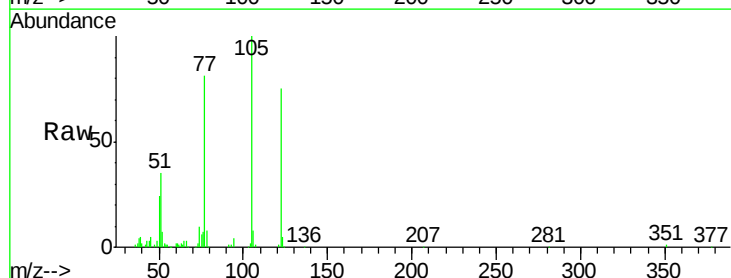
Instrument :
BNA_G
ClientSampleId :
2000448388MS

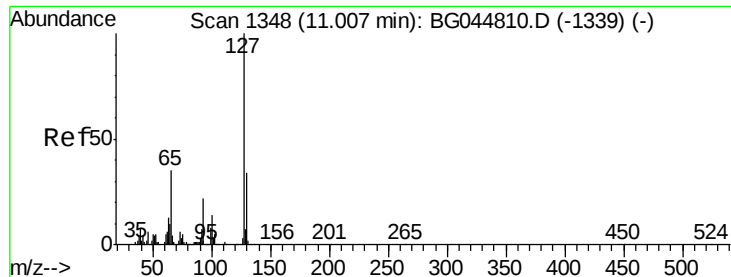
Tgt Ion:128 Resp: 753683
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 34.82 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:122 Resp: 109475
Ion Ratio Lower Upper
122 100
105 133.2 109.1 149.1
77 108.5 85.3 125.3

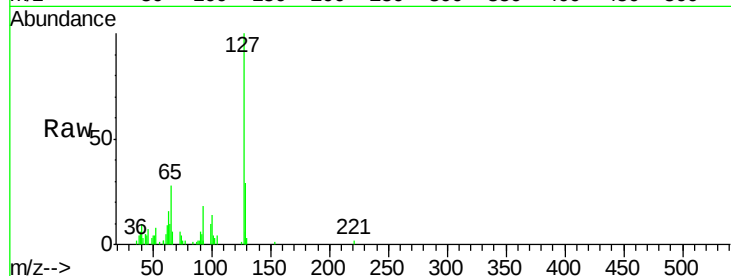




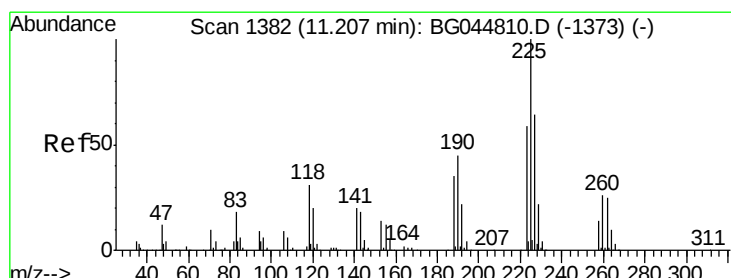
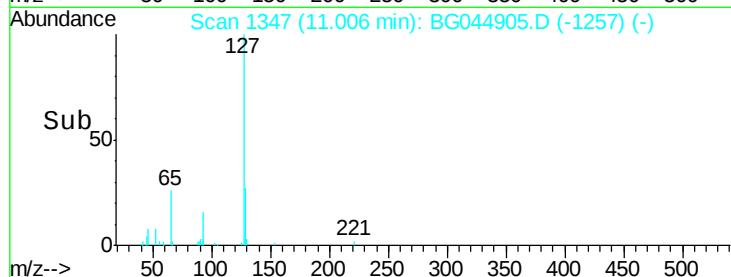
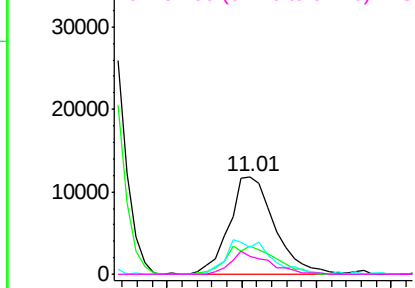
#33
4-Chloroaniline
Concen: 3.26 ng
RT: 11.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tgt Ion:	127	Resp:	25061
Ion	Ratio	Lower	Upper
127	100		
129	29.2	26.9	40.3
65	27.5	27.7	41.5#
92	18.4	17.4	26.2

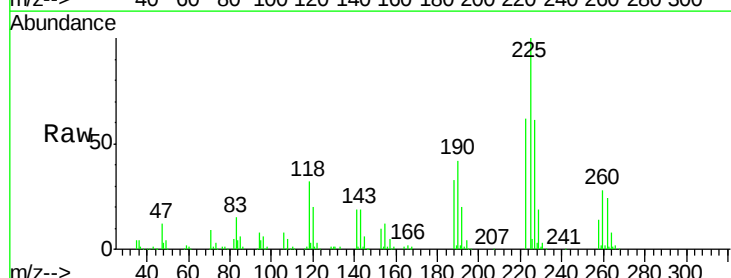


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

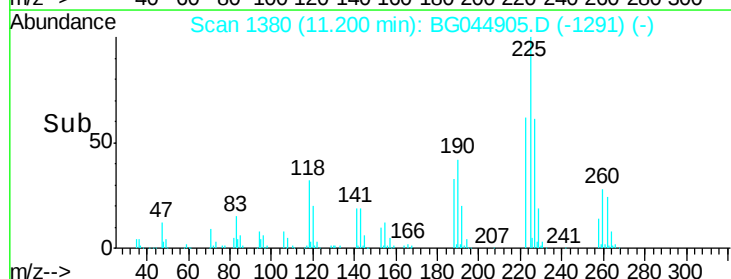
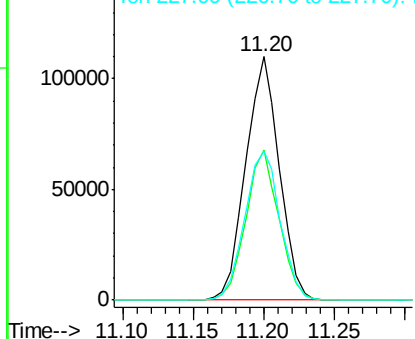


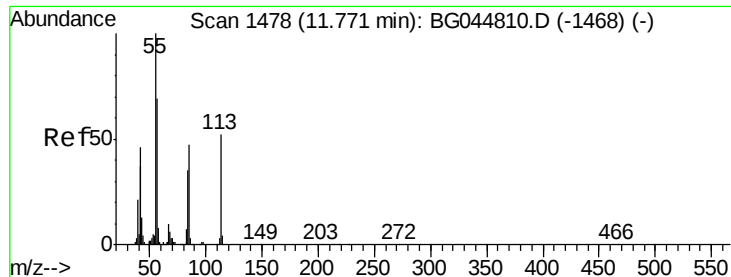
#34
Hexachlorobutadiene
Concen: 44.59 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:	225	Resp:	182726
Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.4	71.0
227	61.0	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

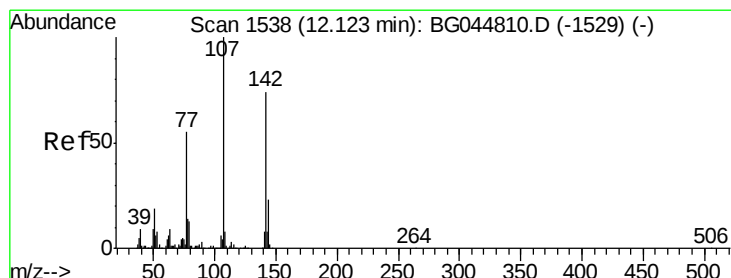
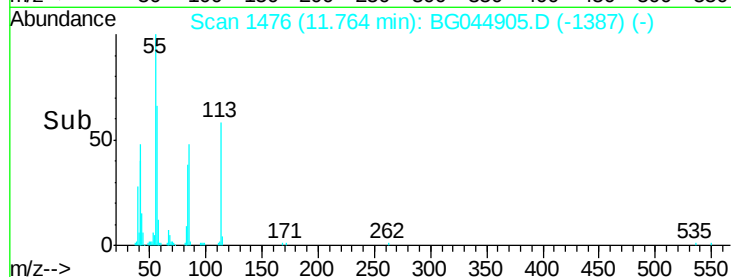
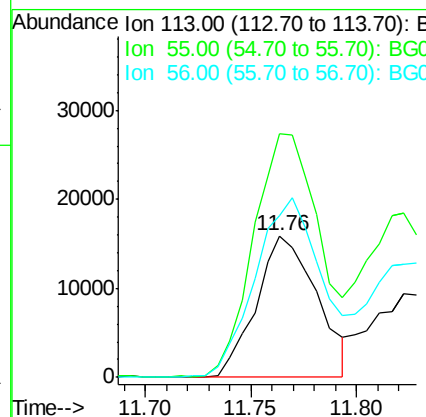
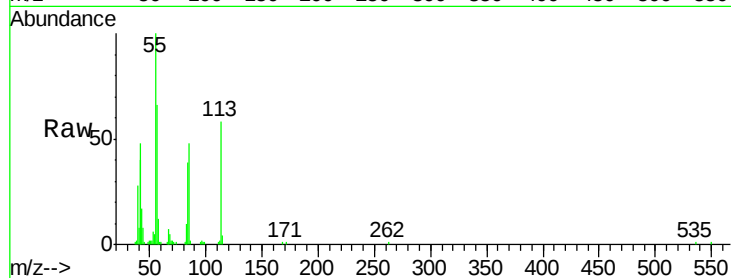




#35
 Caprolactam
 Concen: 16.05 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

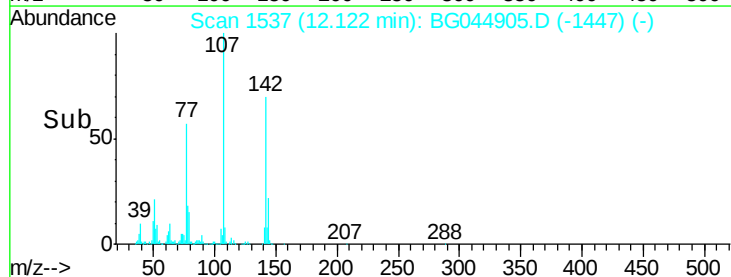
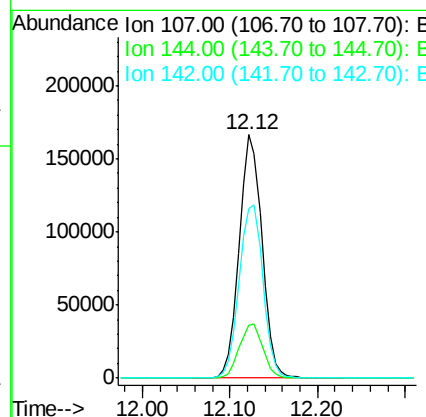
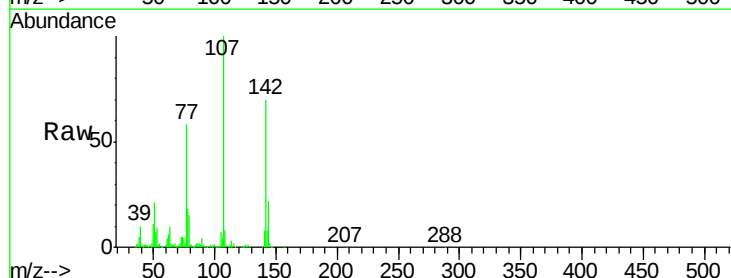
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

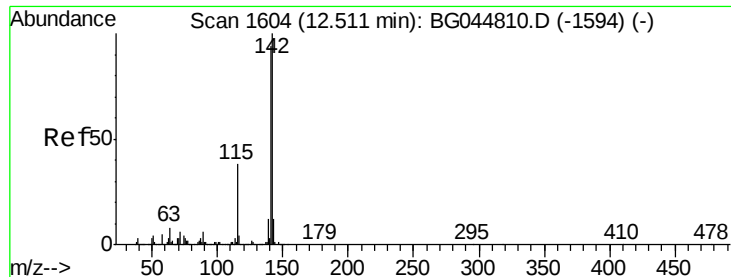
Tgt Ion:113 Resp: 31662
 Ion Ratio Lower Upper
 113 100
 55 172.4 173.8 213.8#
 56 114.4 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.13 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion:107 Resp: 292907
 Ion Ratio Lower Upper
 107 100
 144 21.8 18.0 27.0
 142 69.8 59.0 88.4

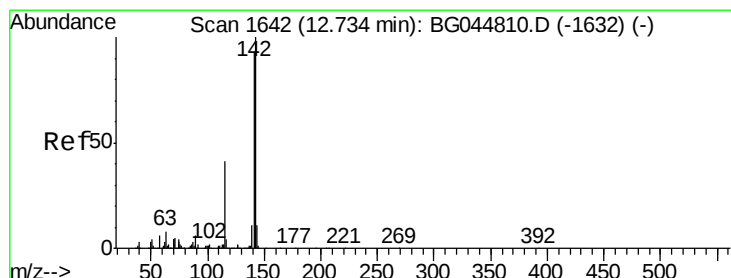
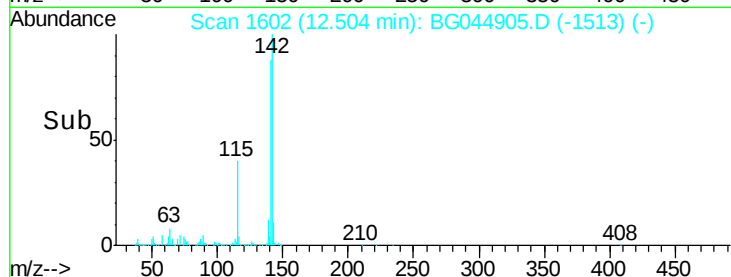
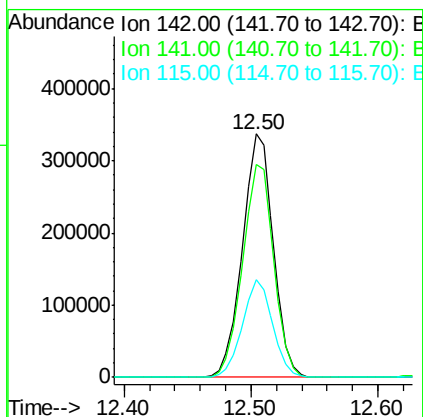
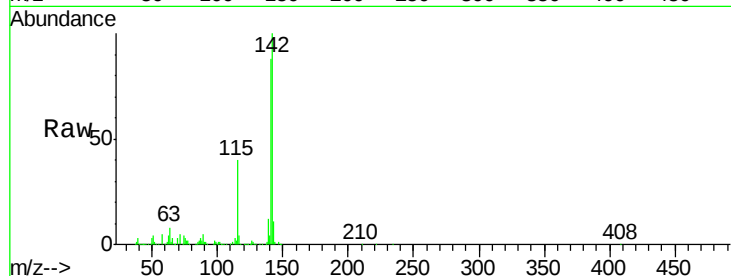




#37
 2-Methylnaphthalene
 Concen: 44.45 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

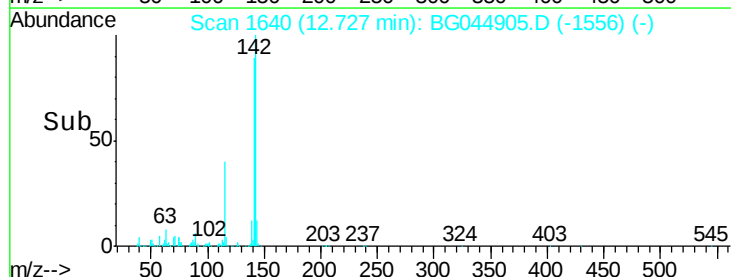
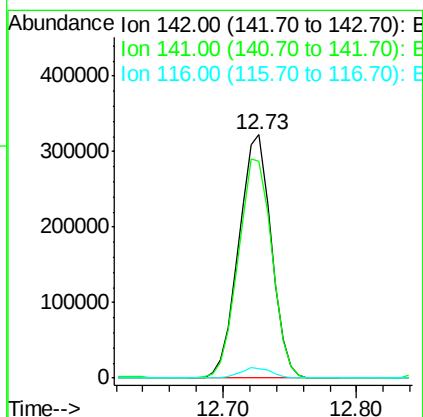
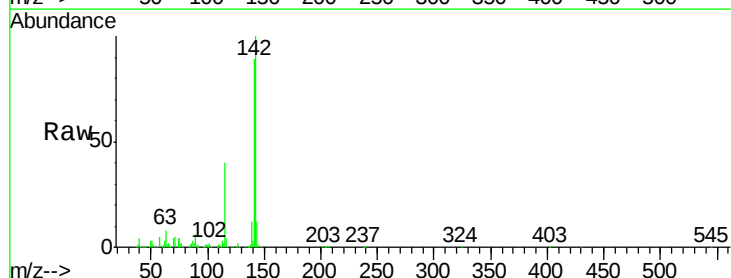
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tgt Ion:142 Resp: 567366
 Ion Ratio Lower Upper
 142 100
 141 87.6 75.1 112.7
 115 40.0 30.6 46.0



#38
 1-Methylnaphthalene
 Concen: 45.13 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion:142 Resp: 541553
 Ion Ratio Lower Upper
 142 100
 141 88.8 74.7 112.1
 116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

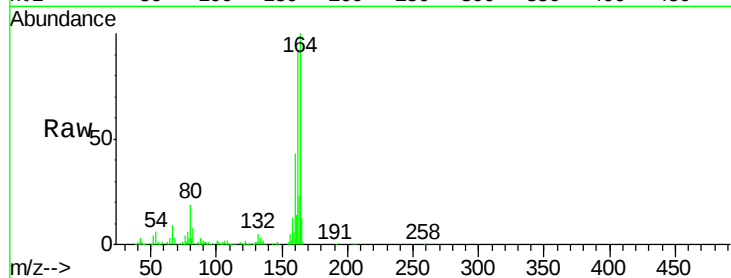
Tgt Ion:164 Resp: 211922

Ion Ratio Lower Upper

164 100

162 92.2 76.7 115.1

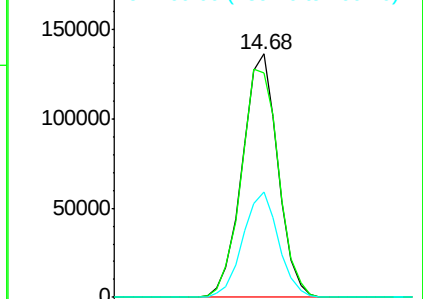
160 43.3 35.0 52.4



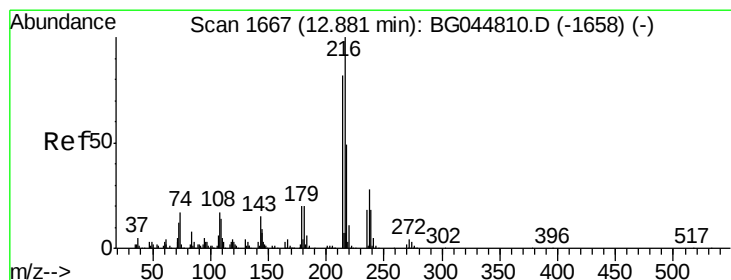
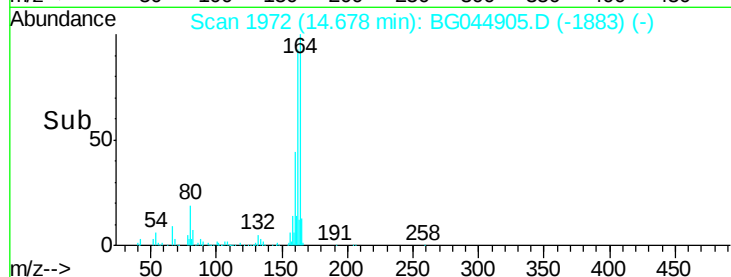
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.00 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:216 Resp: 300096

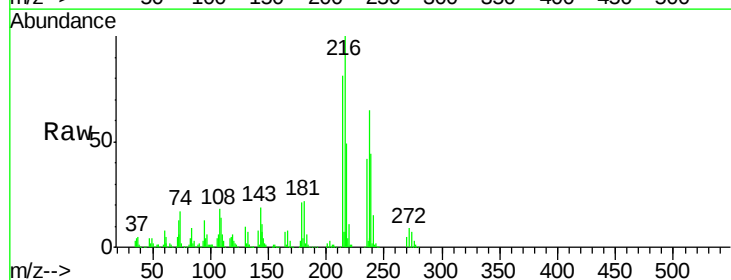
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 20.6 16.2 24.2

108 20.1 14.6 22.0

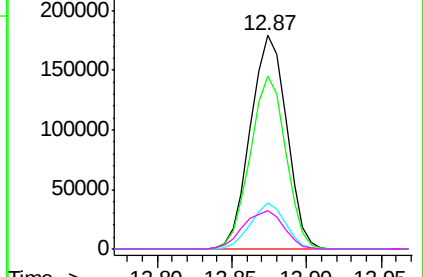


Abundance Ion 216.00 (215.70 to 216.70): E

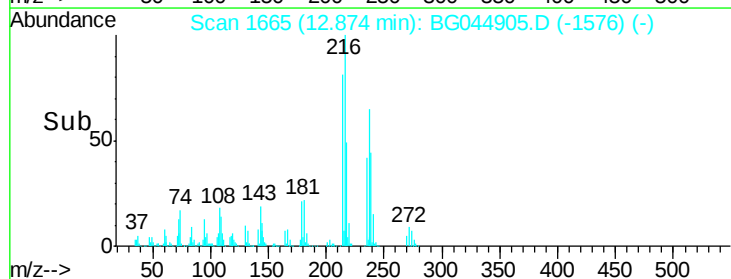
Ion 214.00 (213.70 to 214.70): E

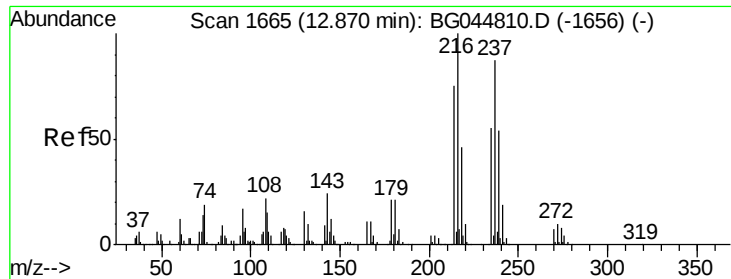
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

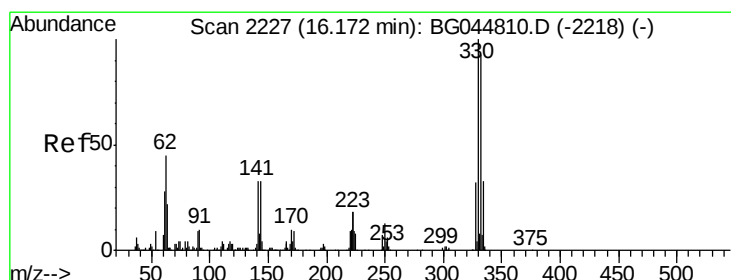
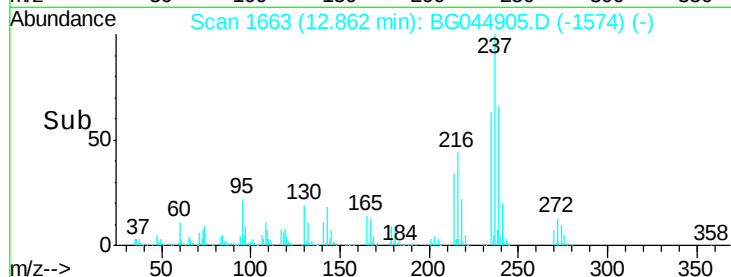
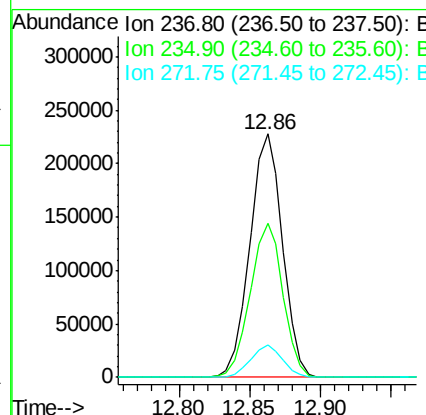
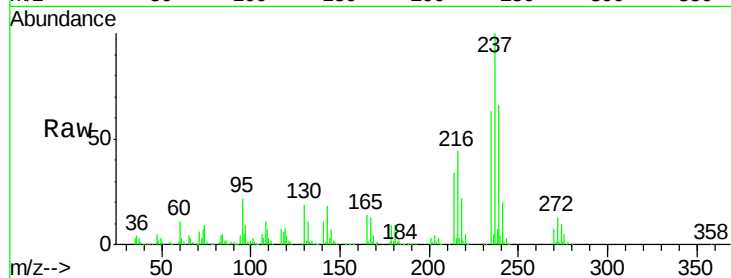




#41
Hexachlorocyclopentadiene
Concen: 96.66 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

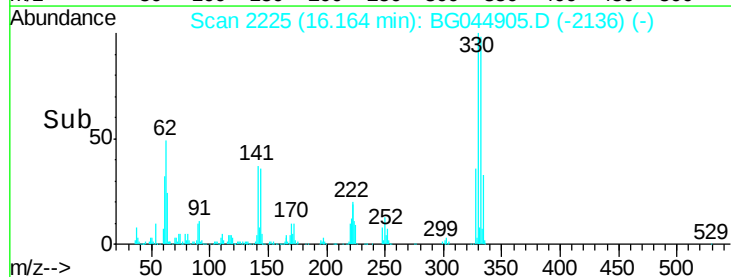
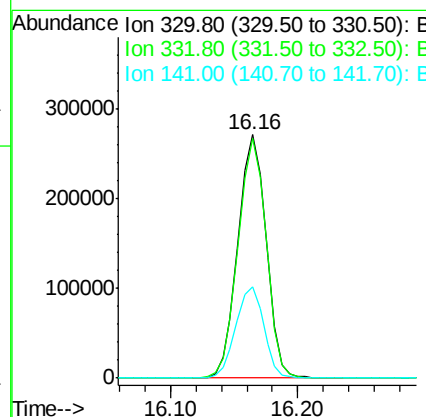
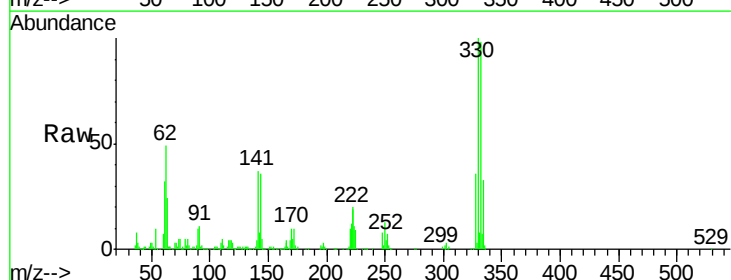
Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tgt Ion: 237 Resp: 368666
Ion Ratio Lower Upper
237 100
235 63.4 42.9 82.9
272 13.2 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 150.89 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion: 330 Resp: 418700
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 37.2 29.5 44.3

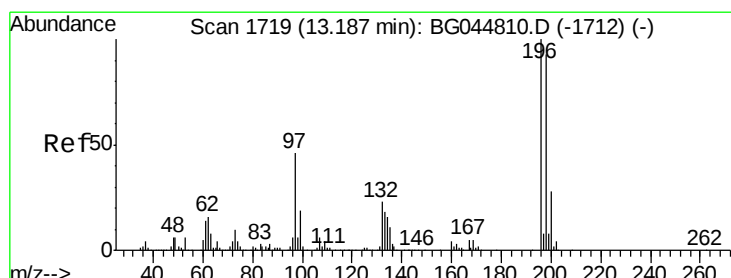
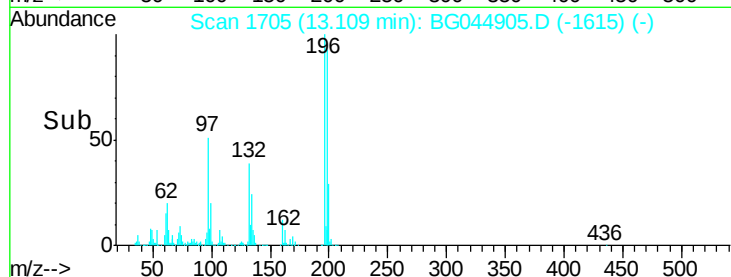
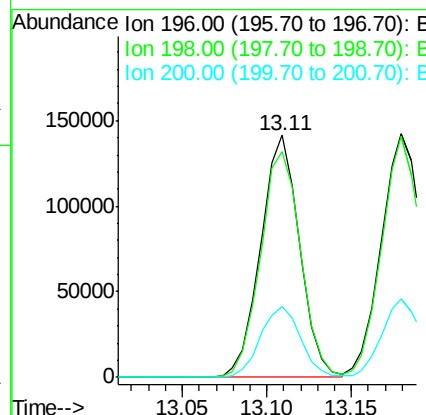
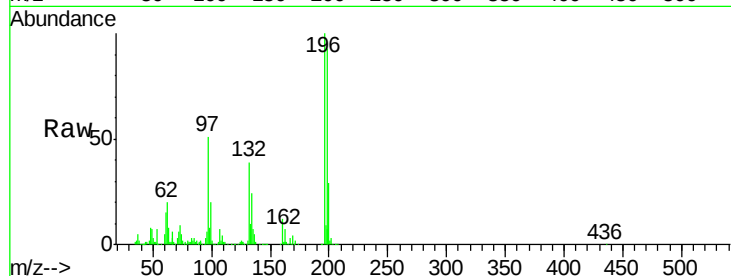




#43
 2,4,6-Trichlorophenol
 Concen: 48.79 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

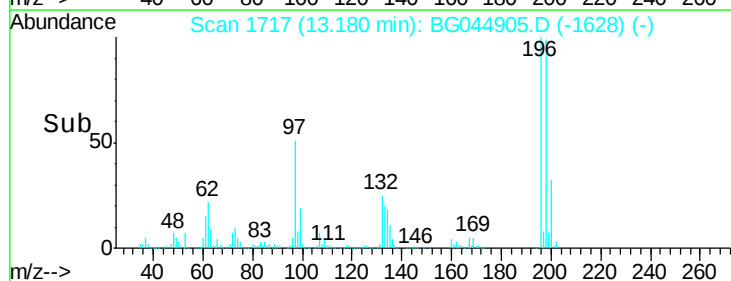
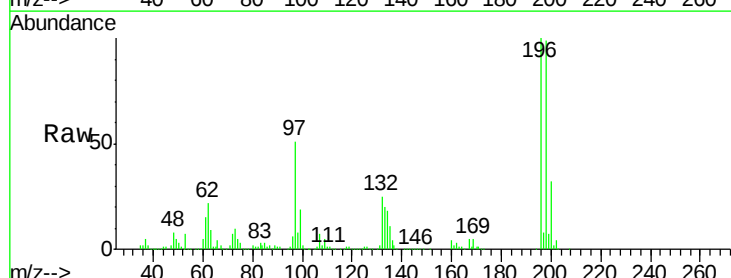
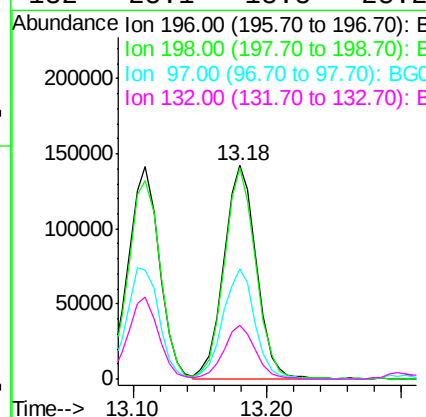
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

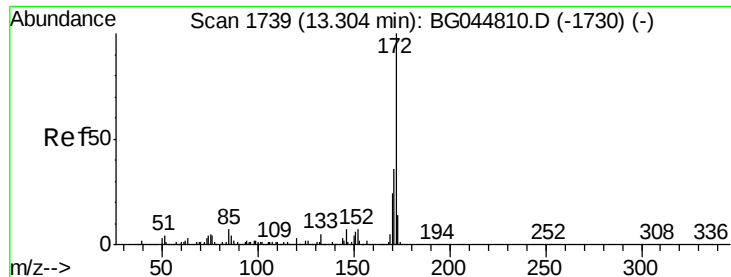
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.9	112.3
200	29.1	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 50.44 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	74.2	111.4
97	51.3	36.7	55.1
132	25.1	18.8	28.2

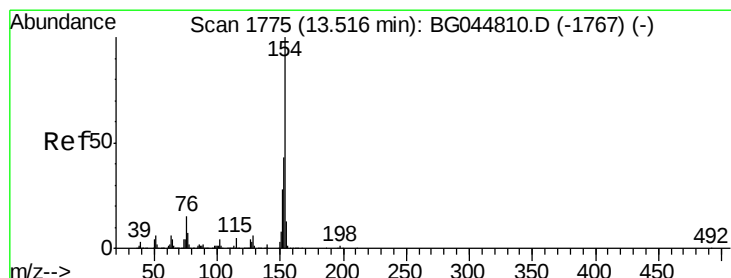
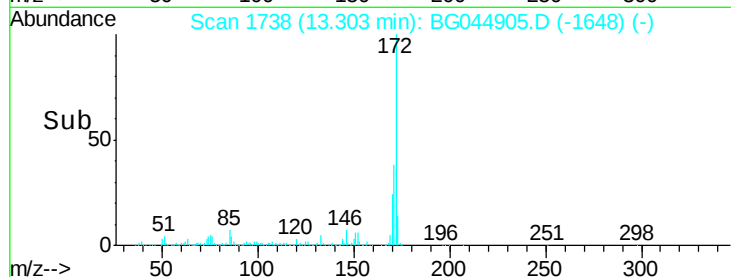
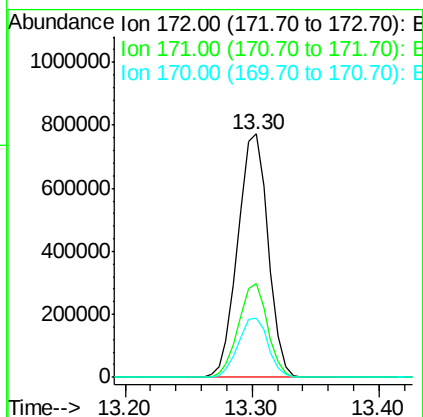
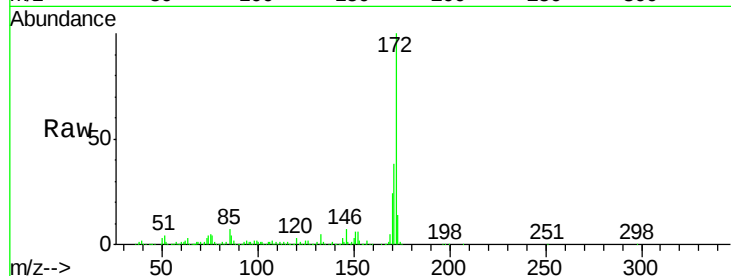




#45
2-Fluorobiphenyl
Concen: 86.24 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

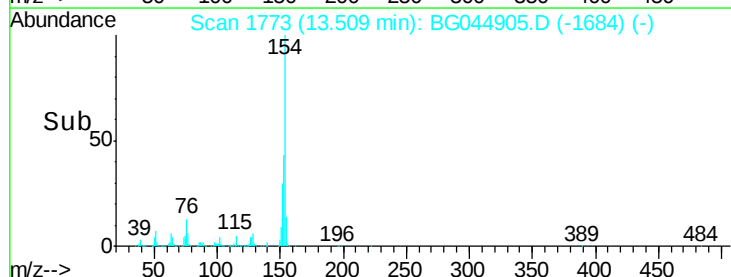
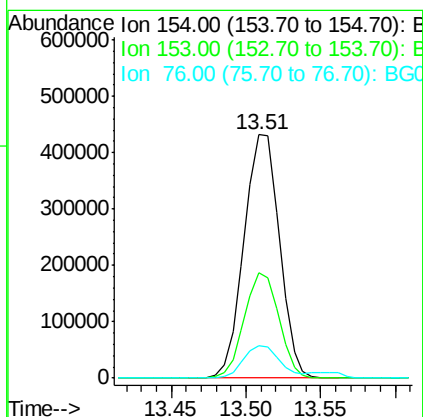
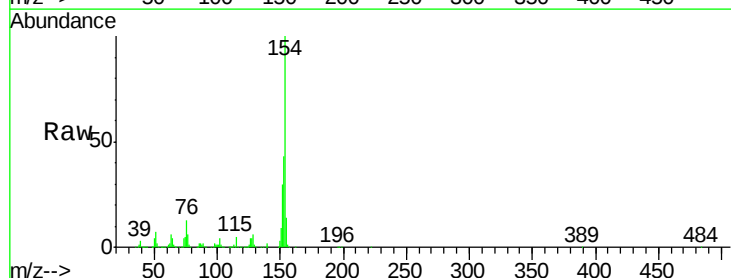
Instrument :
BNA_G
ClientSampleId :
2000448388MS

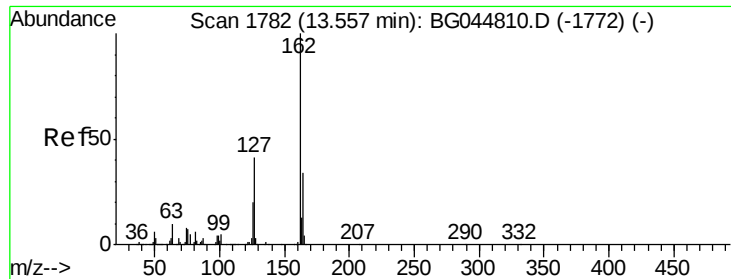
Tgt Ion:172 Resp: 1276227
Ion Ratio Lower Upper
172 100
171 38.4 28.7 43.1
170 24.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.92 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:154 Resp: 709904
Ion Ratio Lower Upper
154 100
153 43.3 22.9 62.9
76 13.2 0.0 34.6

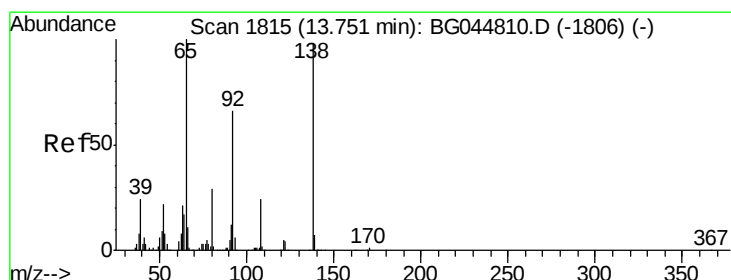
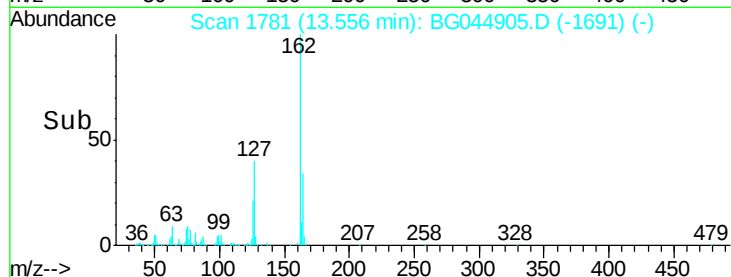
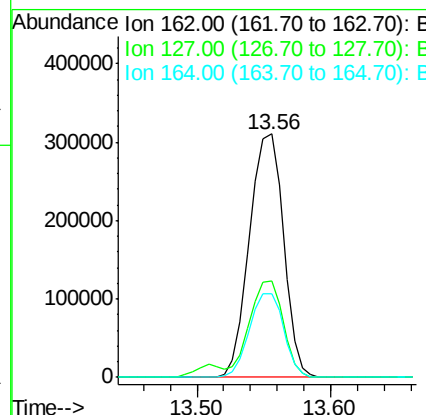
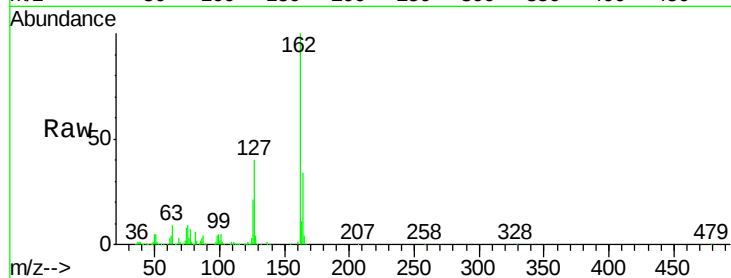




#47
 2-Chloronaphthalene
 Concen: 42.36 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

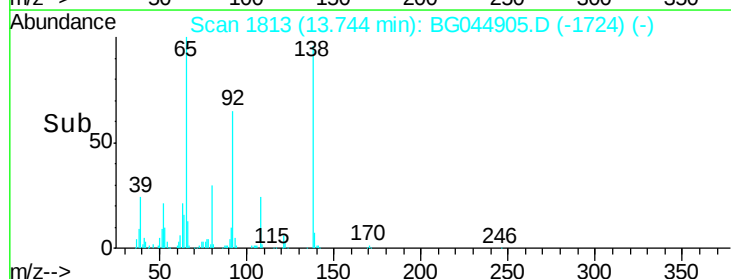
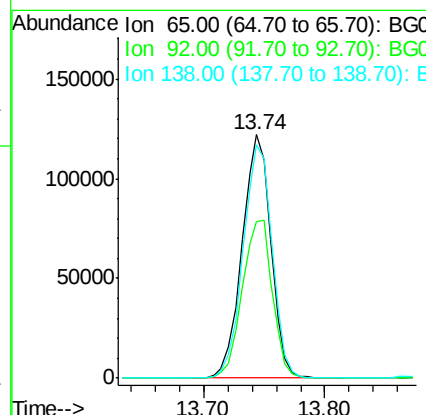
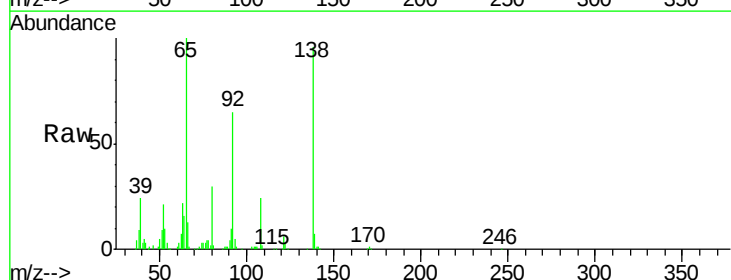
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

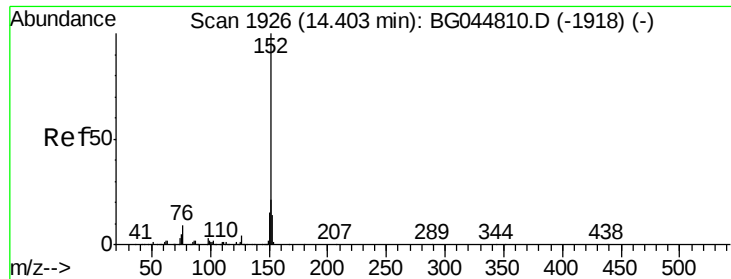
Tgt Ion: 162 Resp: 548022
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.1 49.7
 164 34.1 27.4 41.2



#48
 2-Nitroaniline
 Concen: 44.77 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion: 65 Resp: 202789
 Ion Ratio Lower Upper
 65 100
 92 64.6 52.6 79.0
 138 95.8 78.3 117.5





#49

Acenaphthylene

Concen: 45.29 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

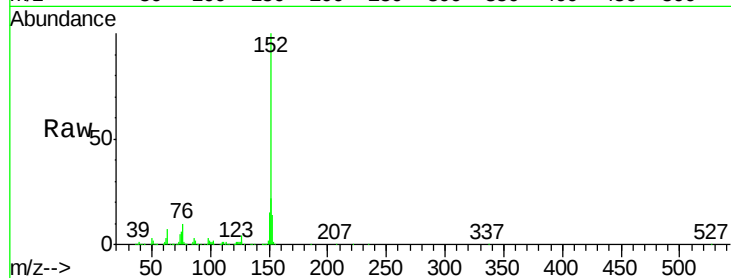
Tgt Ion:152 Resp: 917867

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

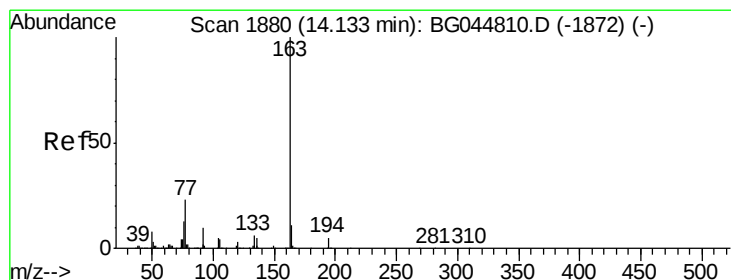
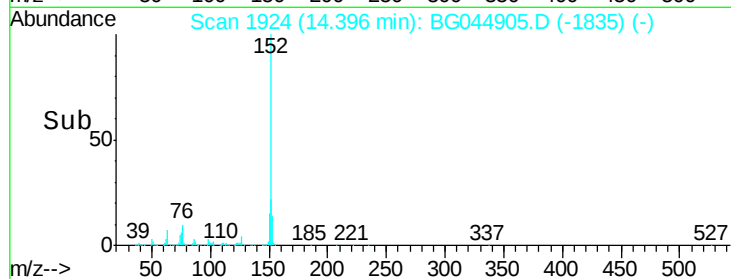
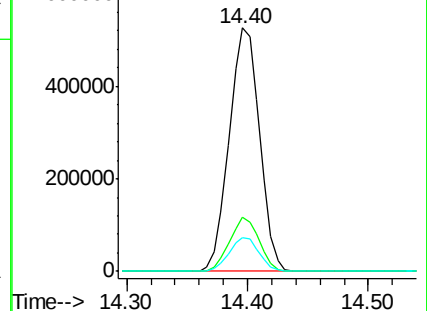
153 13.8 10.8 16.2



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: 47.05 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

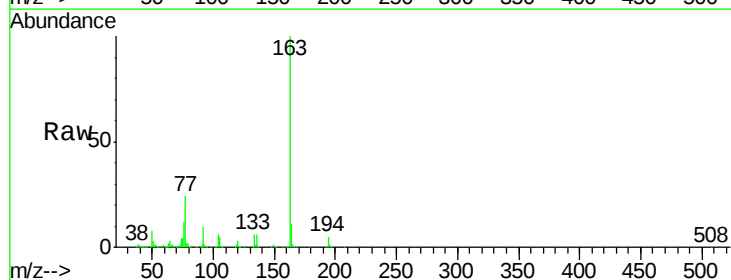
Tgt Ion:163 Resp: 794112

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

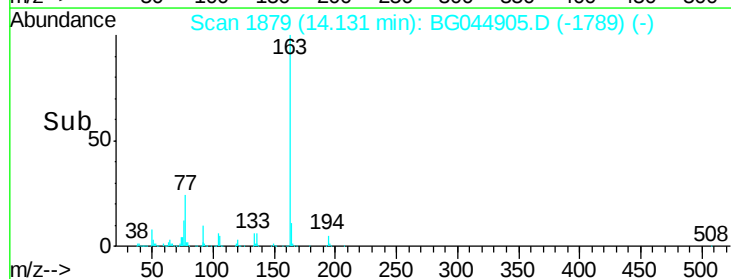
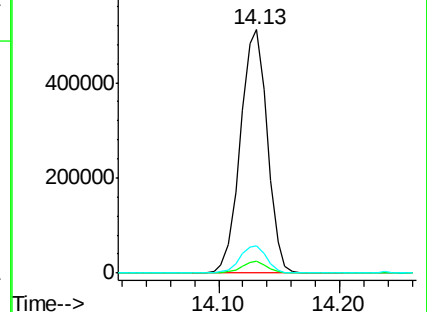
164 11.2 9.1 13.7

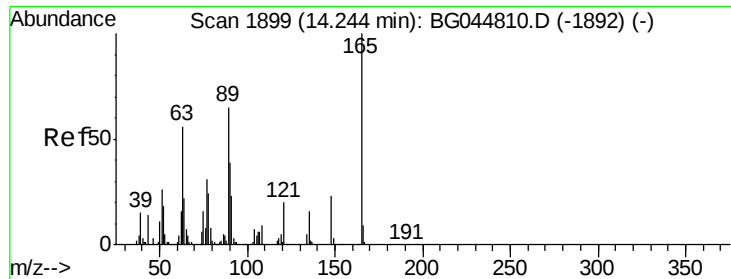


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

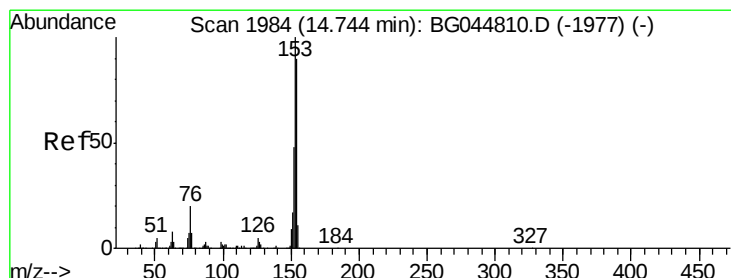
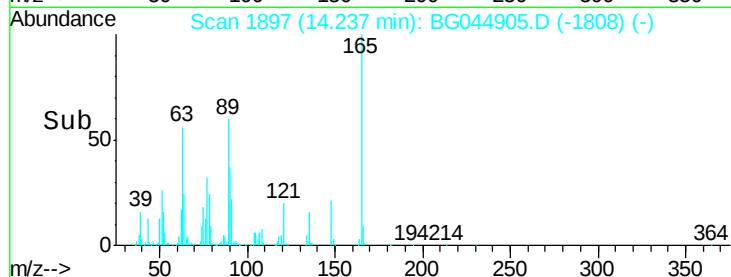
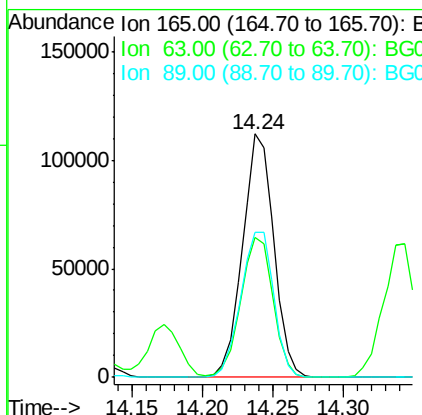
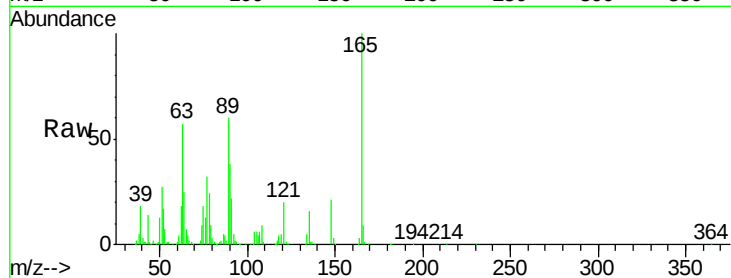




#51
2,6-Dinitrotoluene
Concen: 51.01 ng
RT: 14.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

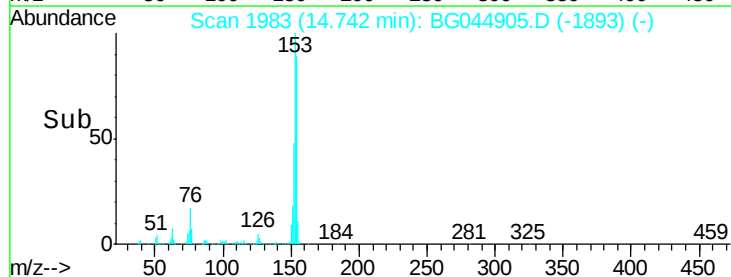
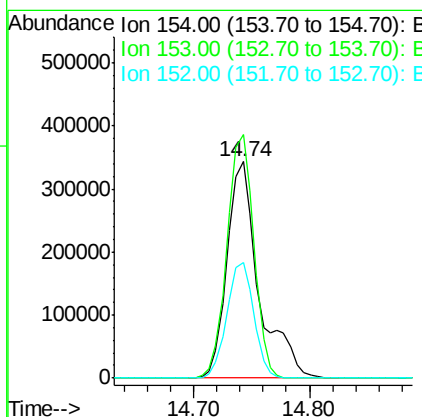
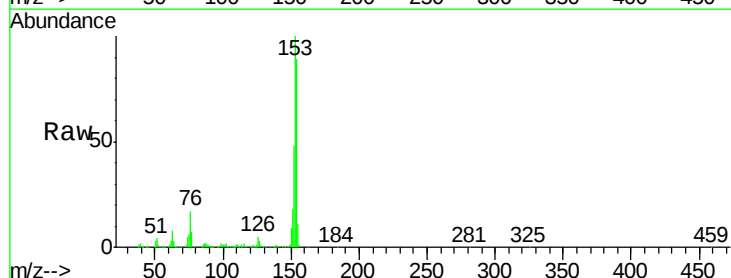
Instrument :
BNA_G
ClientSampleId :
2000448388MS

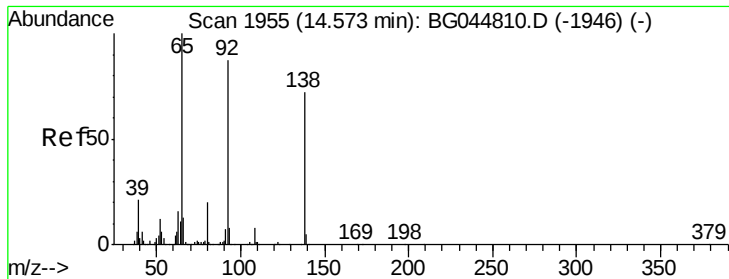
Tgt Ion:165 Resp: 173550
Ion Ratio Lower Upper
165 100
63 57.4 45.8 68.8
89 59.6 51.8 77.6



#52
Acenaphthene
Concen: 49.74 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:154 Resp: 660255
Ion Ratio Lower Upper
154 100
153 112.5 89.0 133.6
152 53.6 43.0 64.6

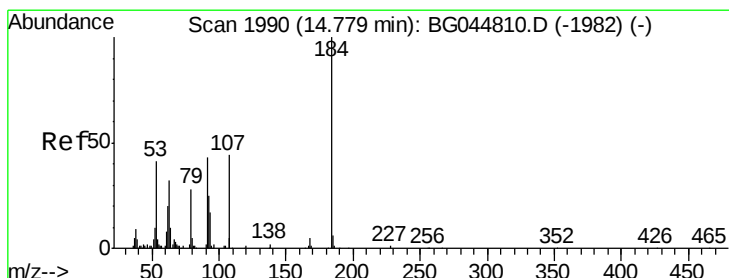
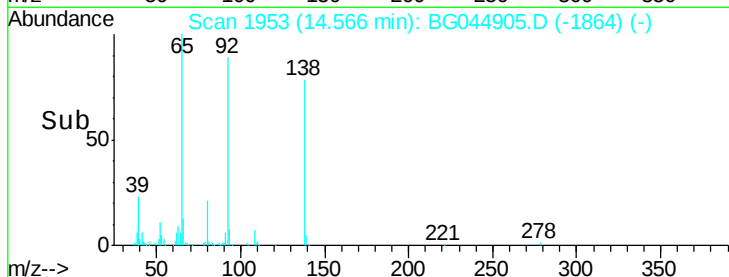
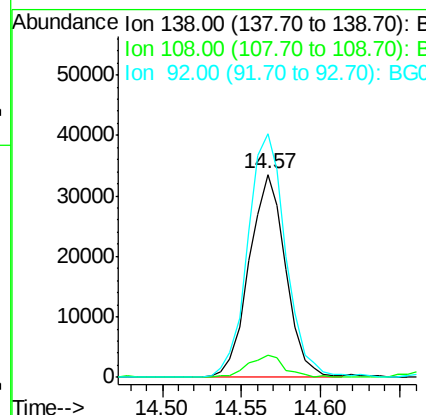
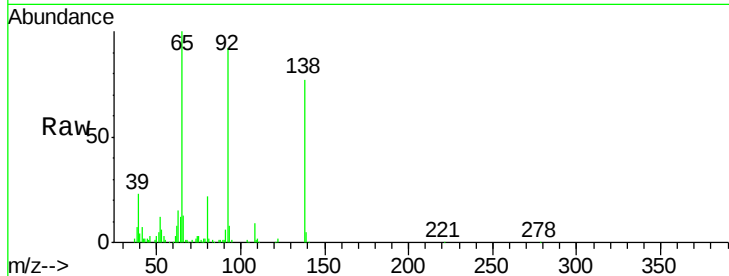




#53
 3-Nitroaniline
 Concen: 13.73 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

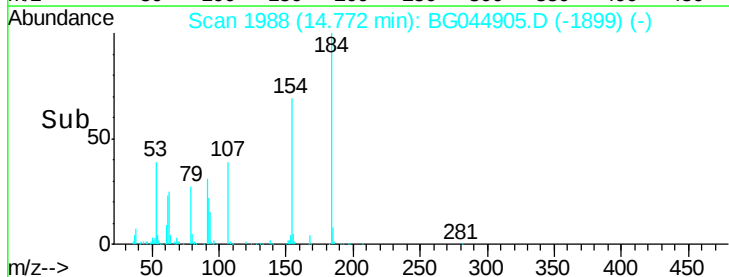
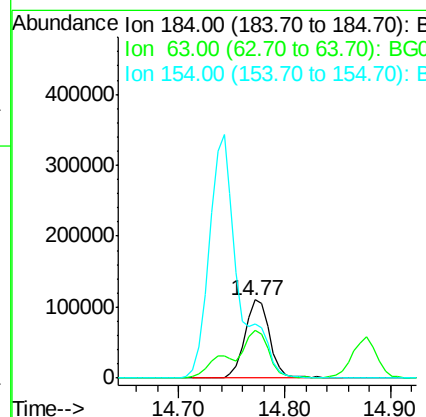
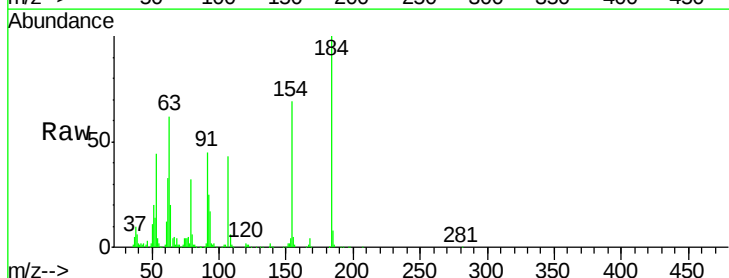
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

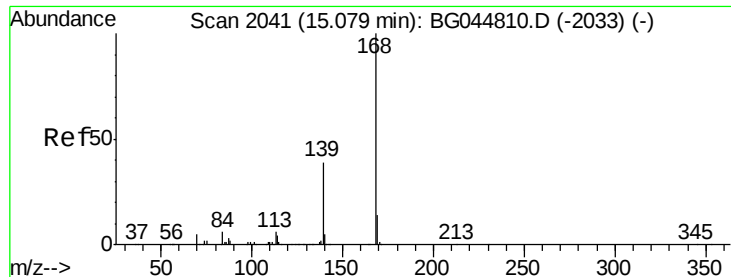
Tgt Ion:138 Resp: 53695
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.0 13.4
 92 120.1 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 98.59 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion:184 Resp: 179113
 Ion Ratio Lower Upper
 184 100
 63 61.6 45.5 68.3
 154 69.3 49.1 73.7

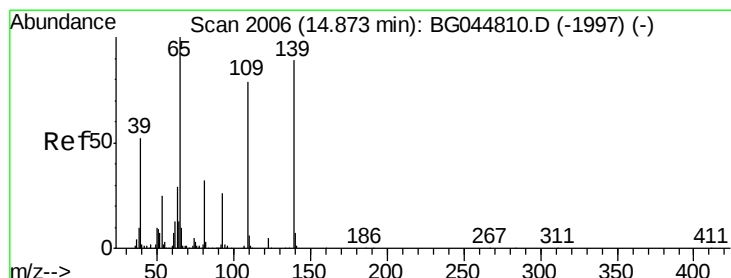
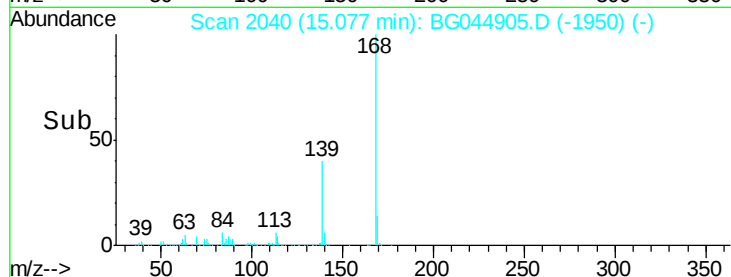
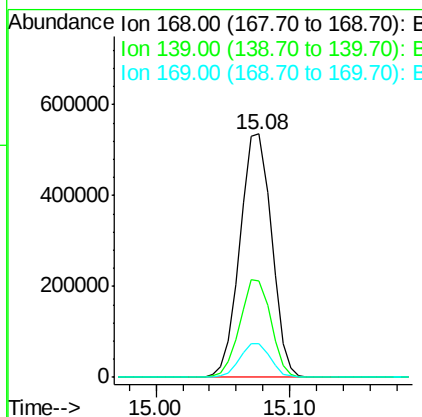
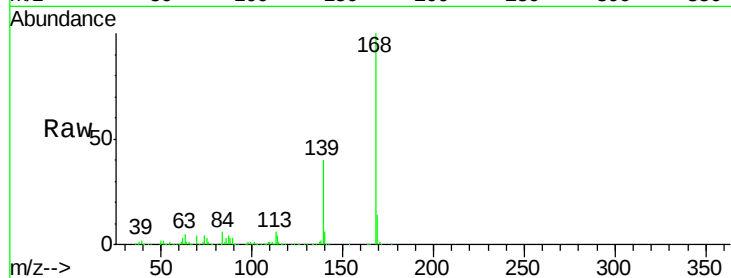




#55
Dibenzenofuran
Concen: 45.65 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

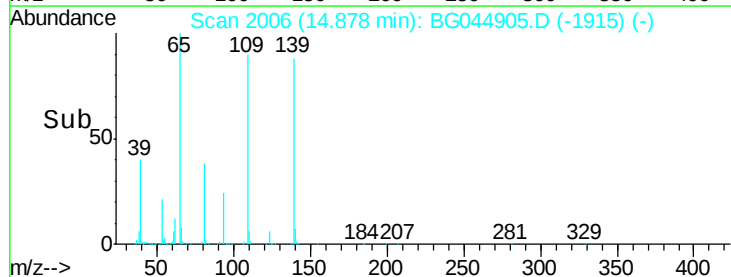
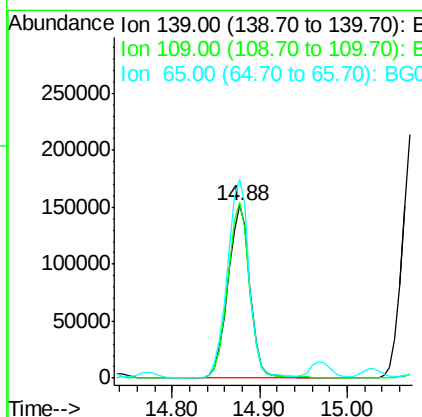
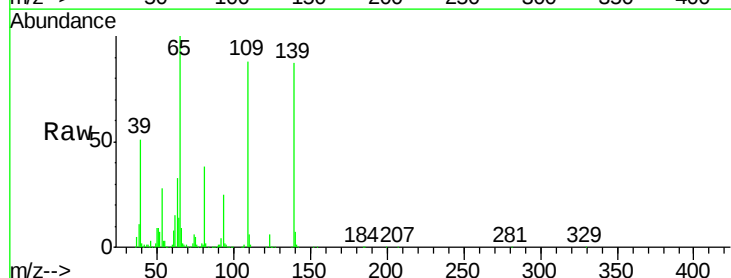
Instrument :
BNA_G
ClientSampleId :
2000448388MS

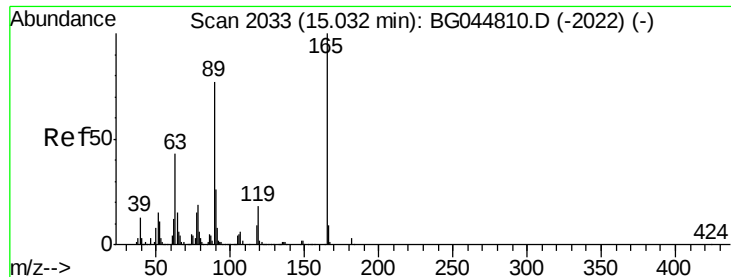
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.4	47.0
169	13.8	11.1	16.7



#56
4-Nitrophenol
Concen: 87.75 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.9	68.8	108.8
65	115.3	92.5	132.5

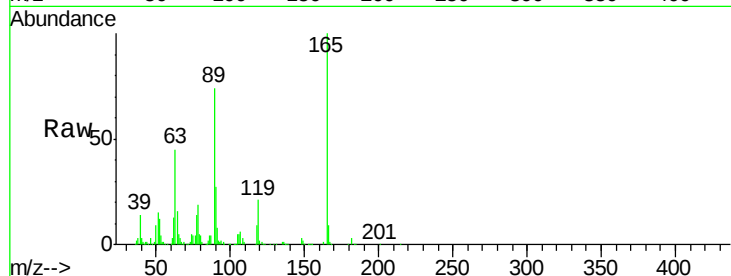




#57
2,4-Dinitrotoluene
Concen: 52.77 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.1	34.6	52.0
89	74.3	61.3	91.9
182	2.7	2.2	3.2

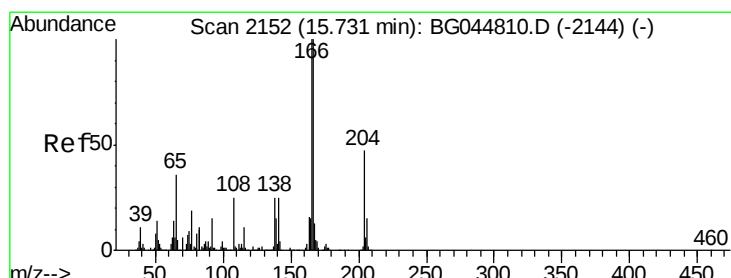
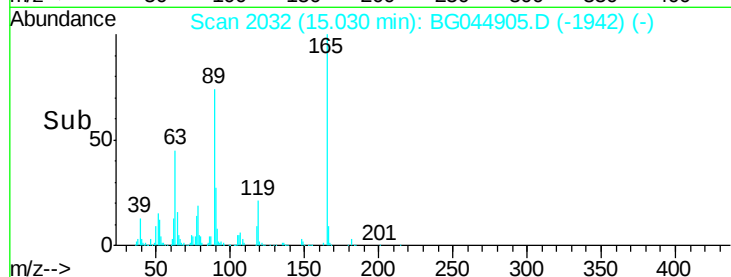
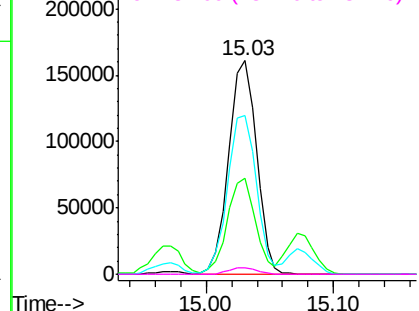


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

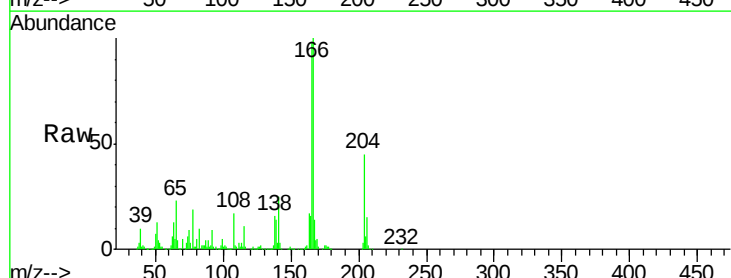
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.95 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

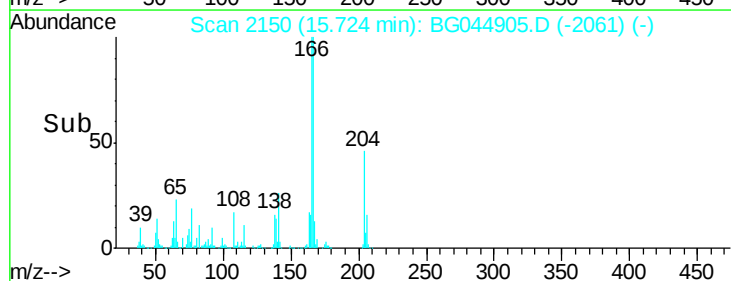
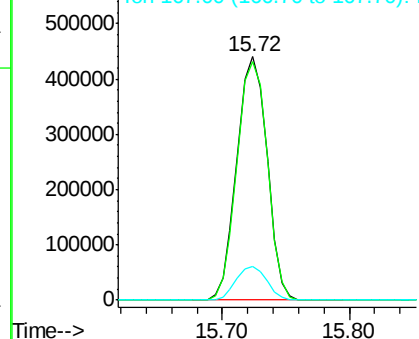
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.7	119.5
167	13.9	10.6	16.0

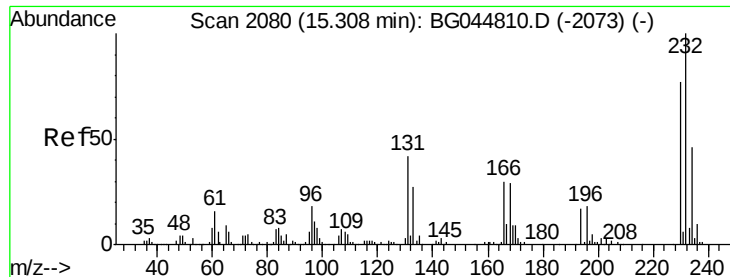


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

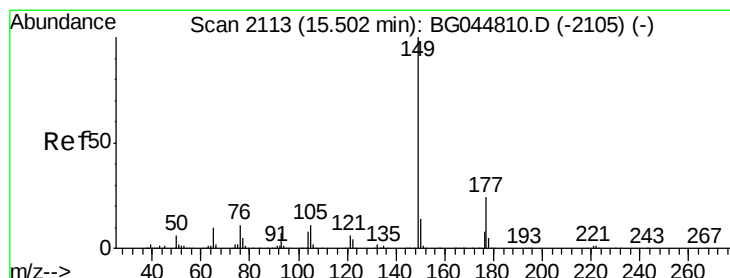
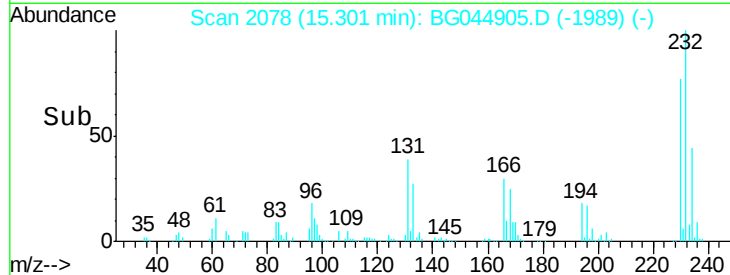
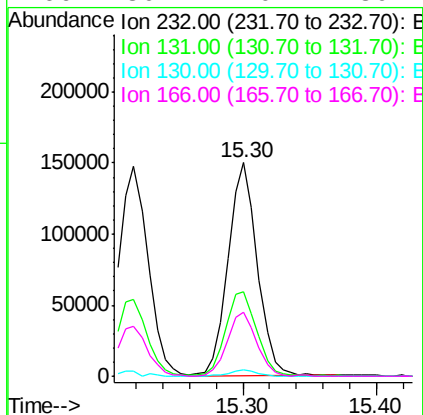
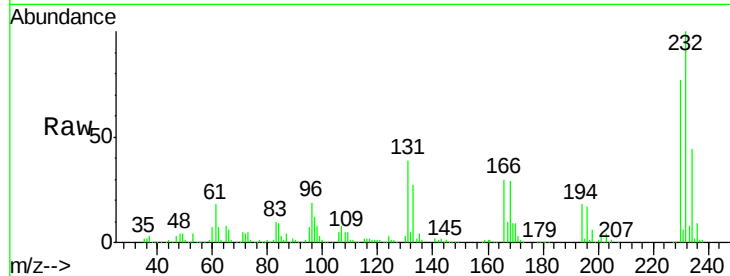




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.81 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

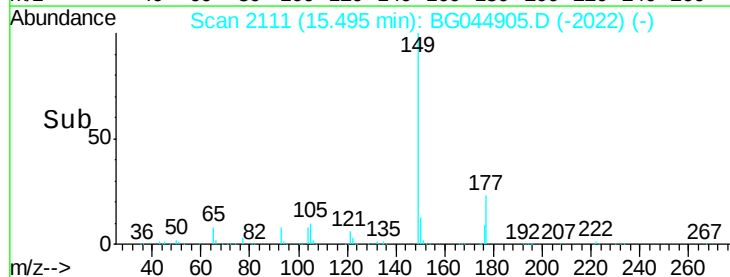
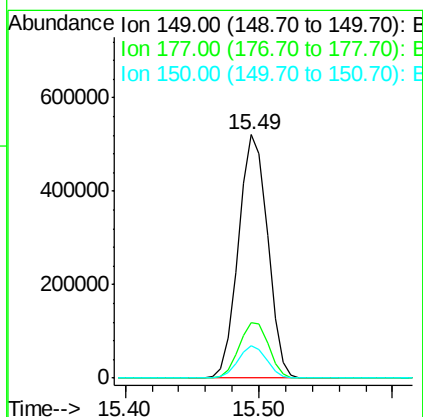
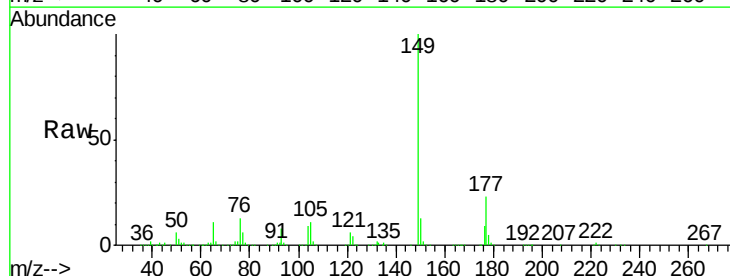
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

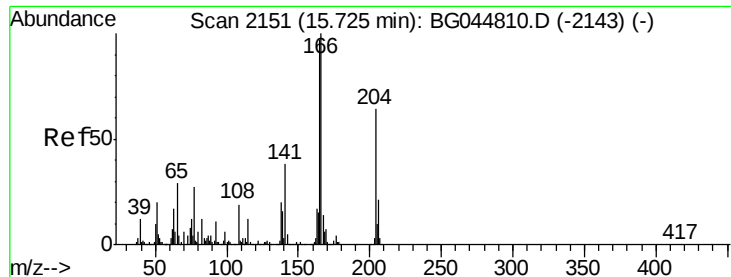
Tgt Ion:	232	Resp:	229105
Ion	Ratio	Lower	Upper
232	100		
131	42.6	31.8	47.8
130	2.7	2.2	3.2
166	30.7	20.2	30.2#



#60
 Diethylphthalate
 Concen: 44.66 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion:	149	Resp:	786151
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.3	28.9
150	13.4	11.0	16.6

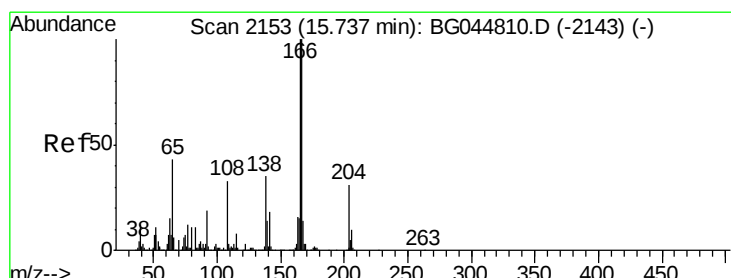
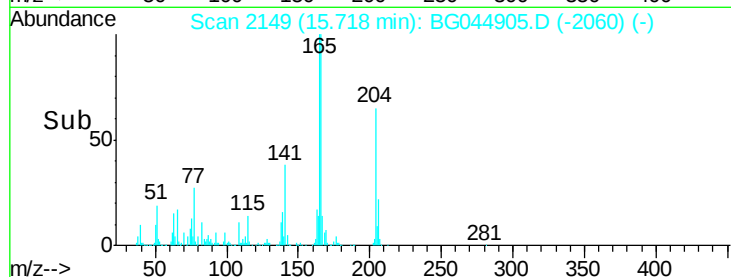
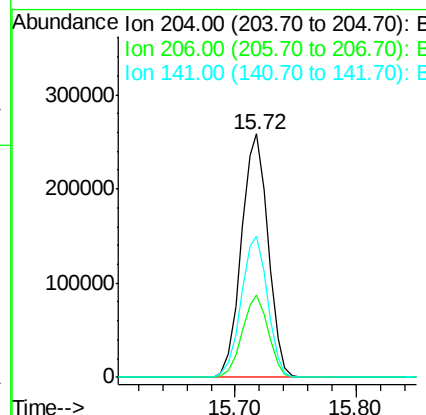
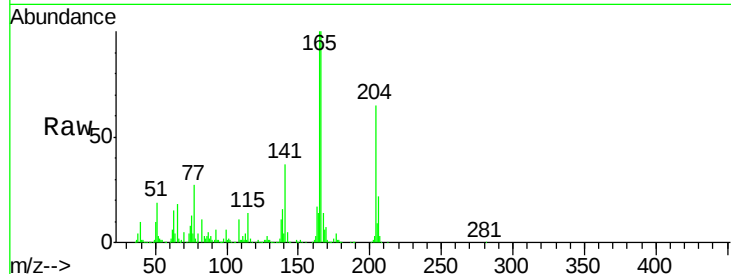




#61
 4-Chlorophenyl-phenylether
 Concen: 46.51 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

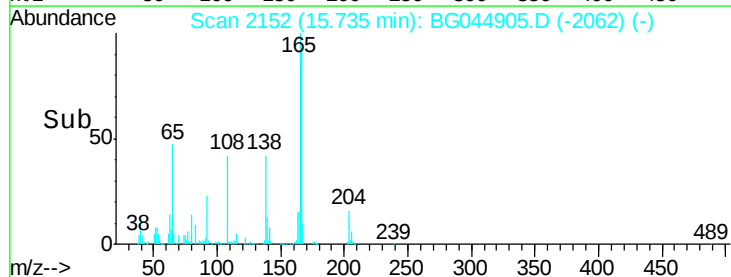
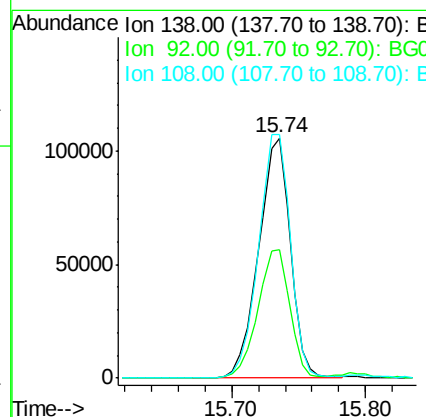
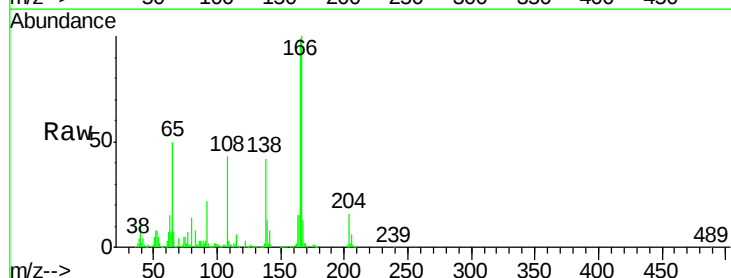
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

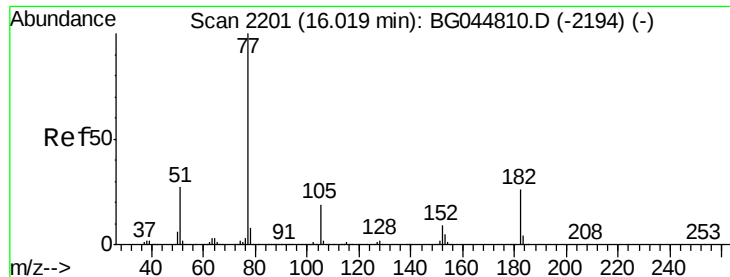
Tgt Ion:204 Resp: 396539
 Ion Ratio Lower Upper
 204 100
 206 34.1 26.2 39.2
 141 57.8 47.7 71.5



#62
 4-Nitroaniline
 Concen: 41.49 ng
 RT: 15.74 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion:138 Resp: 173052
 Ion Ratio Lower Upper
 138 100
 92 53.2 34.5 74.5
 108 101.3 74.5 114.5





#63

Azobenzene

Concen: 42.68 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

Tgt Ion: 77 Resp: 780180

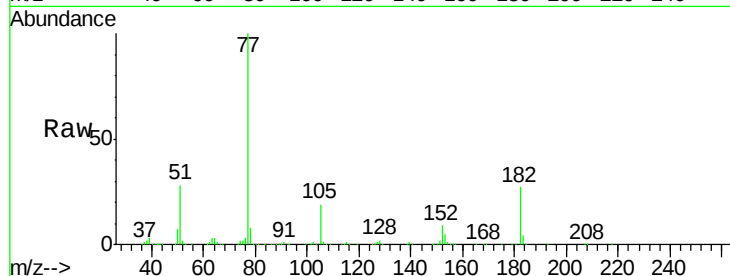
Ion Ratio Lower Upper

77 100

182 26.8 6.4 46.4

105 19.2 0.0 39.1

51 28.4 7.3 47.3

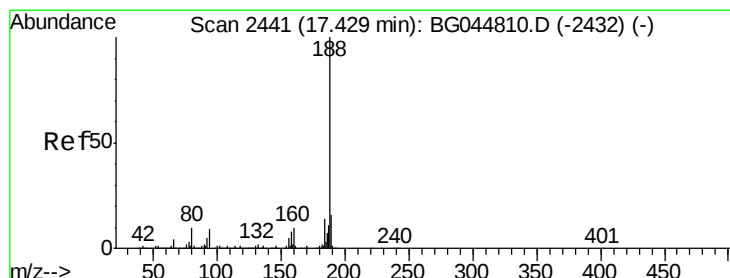
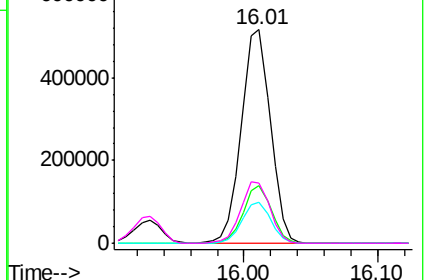
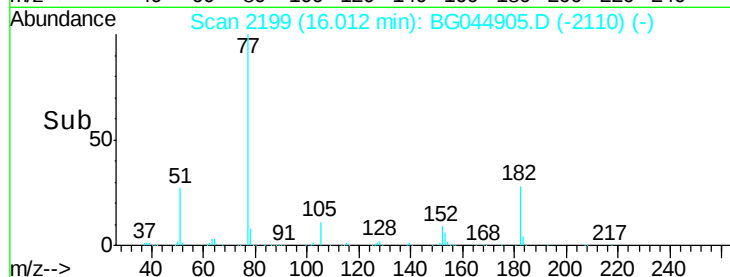


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

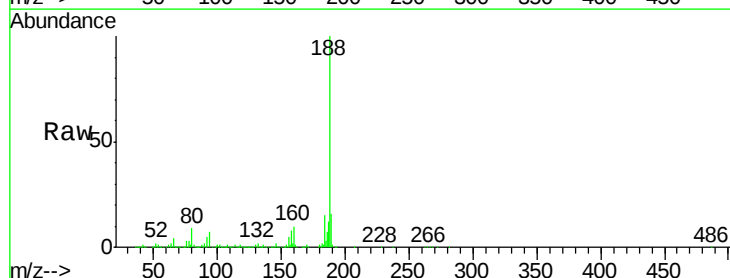
Tgt Ion: 188 Resp: 487279

Ion Ratio Lower Upper

188 100

94 7.4 7.3 10.9

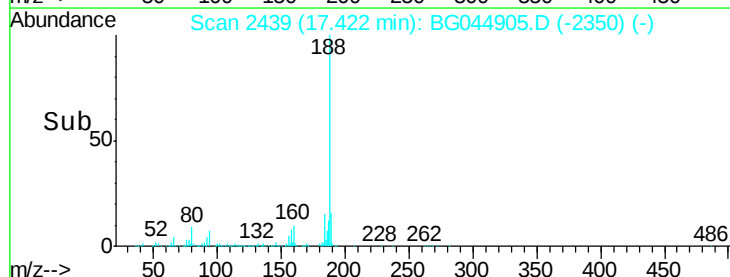
80 9.2 8.0 12.0



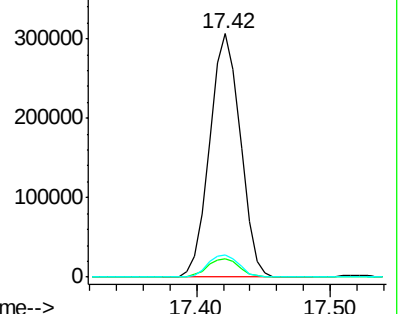
Abundance Ion 188.00 (187.70 to 188.70): BGC

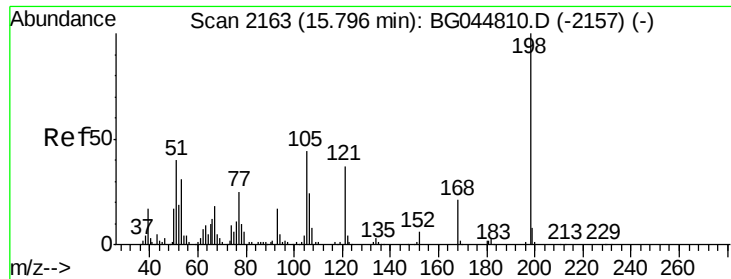
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 58.44 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

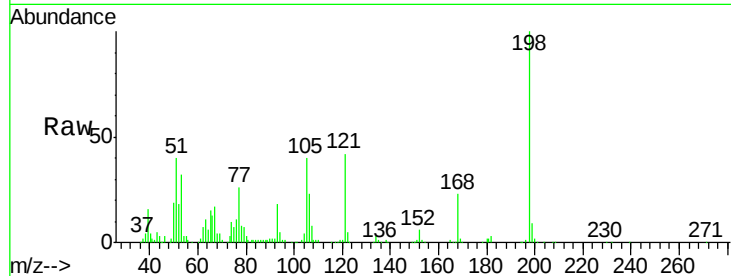
Tgt Ion:198 Resp: 138587

Ion Ratio Lower Upper

198 100

51 40.0 21.1 61.1

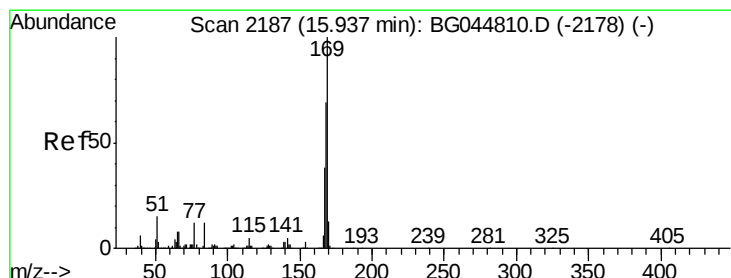
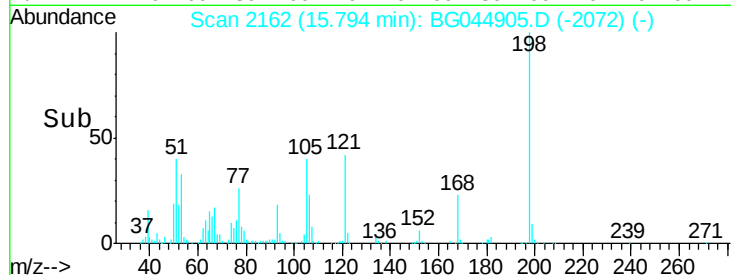
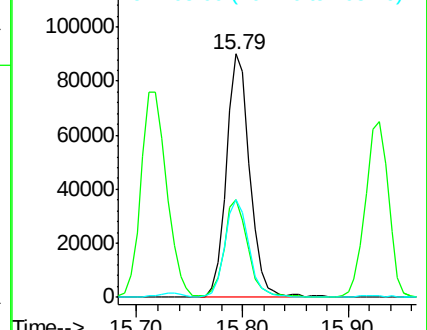
105 40.2 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044810.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.35 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

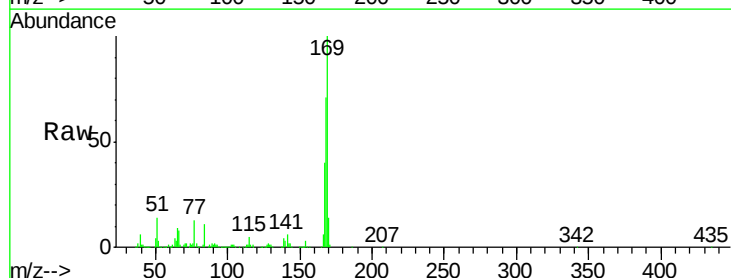
Tgt Ion:169 Resp: 665266

Ion Ratio Lower Upper

169 100

168 70.8 55.4 83.2

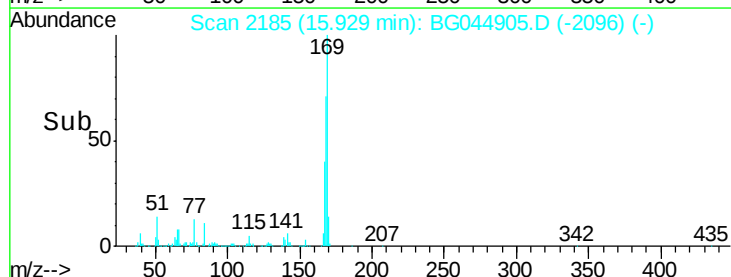
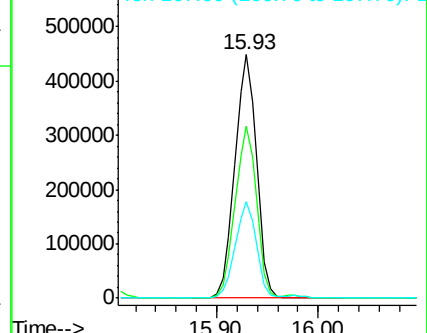
167 39.7 30.1 45.1

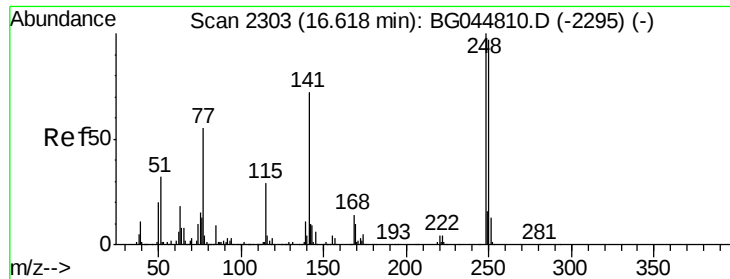


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

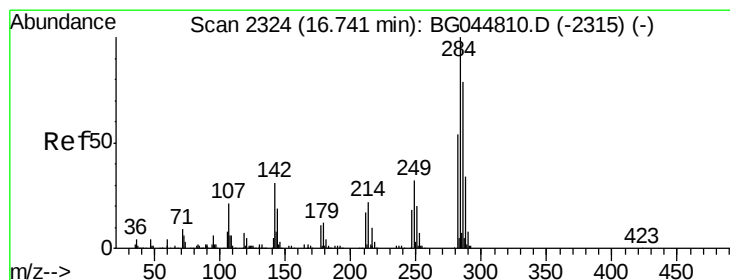
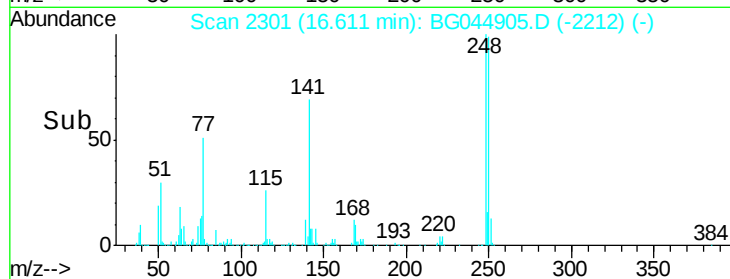
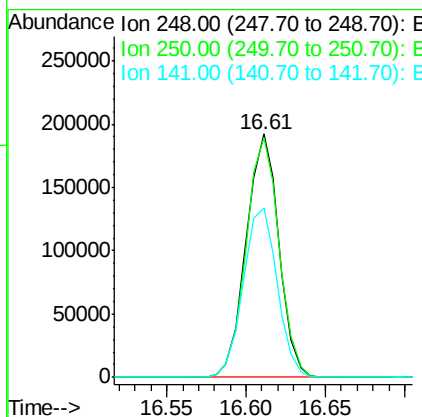
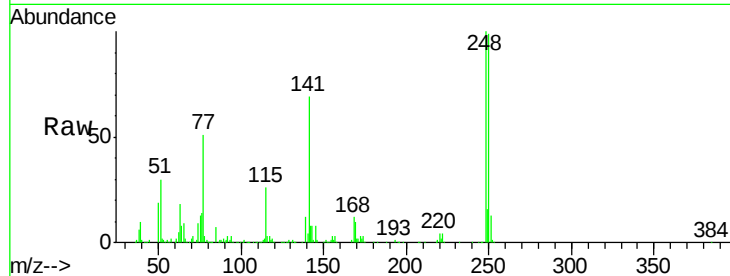




#67
 4-Bromophenyl-phenylether
 Concen: 45.18 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

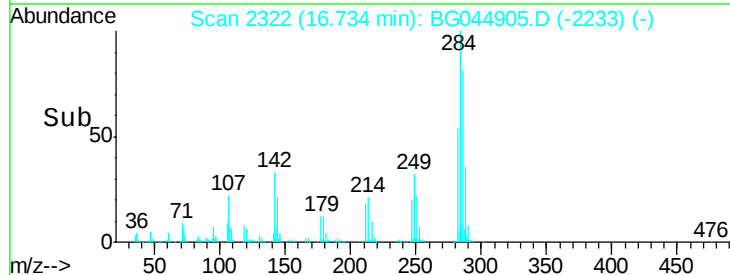
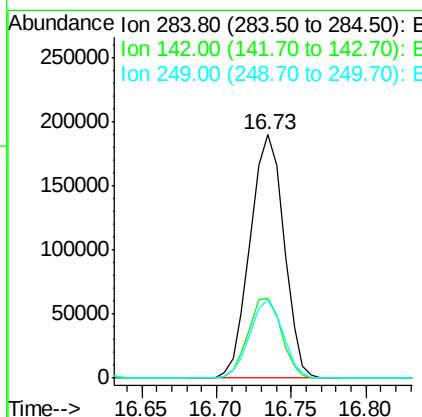
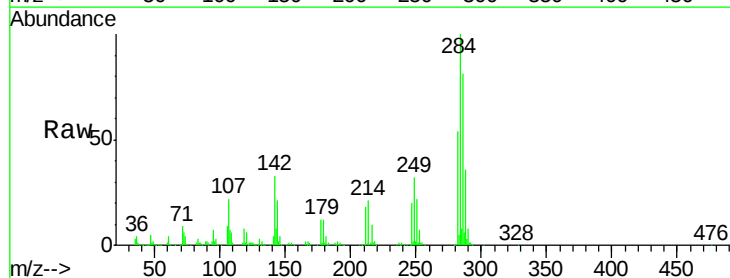
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

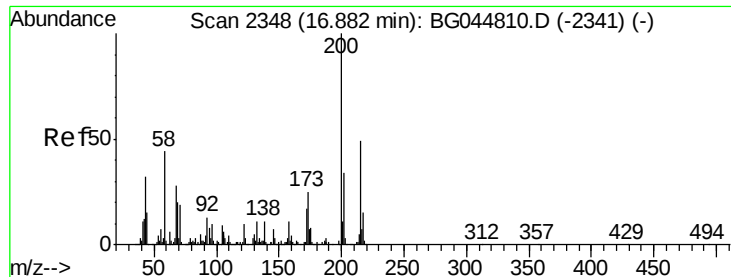
Tgt Ion:248 Resp: 275230
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.9 116.9
 141 69.4 57.5 86.3



#68
 Hexachlorobenzene
 Concen: 45.02 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion:284 Resp: 297515
 Ion Ratio Lower Upper
 284 100
 142 32.8 25.0 37.6
 249 32.2 25.8 38.8





#69

Atrazine

Concen: 50.01 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

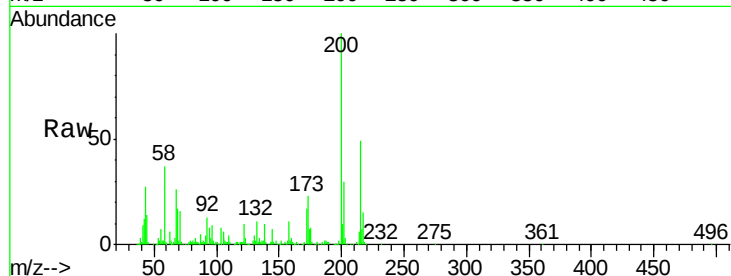
Tgt Ion:200 Resp: 268820

Ion Ratio Lower Upper

200 100

173 23.5 5.3 45.3

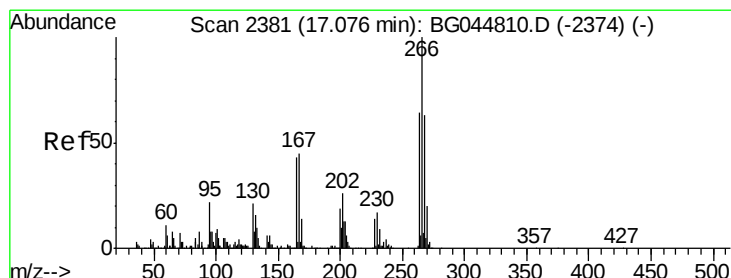
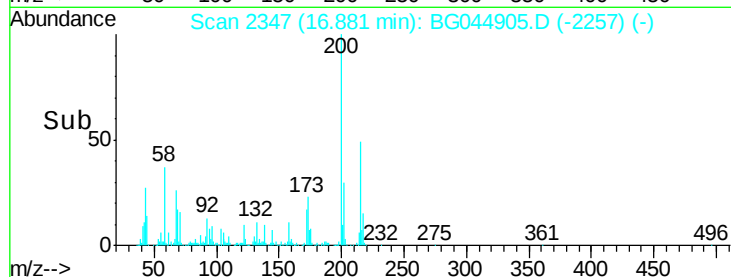
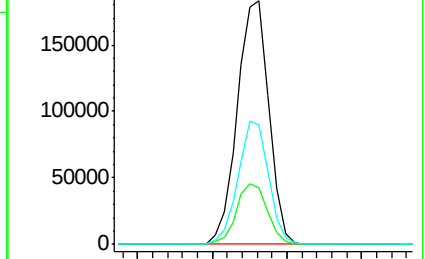
215 49.3 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.35 ng

RT: 17.08 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

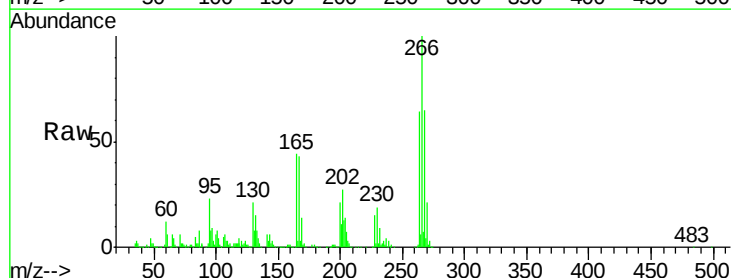
Tgt Ion:266 Resp: 368548

Ion Ratio Lower Upper

266 100

268 64.9 50.3 75.5

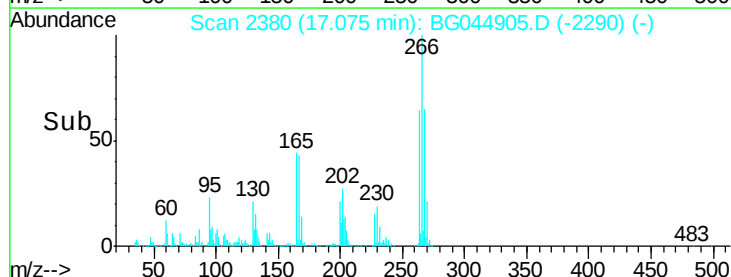
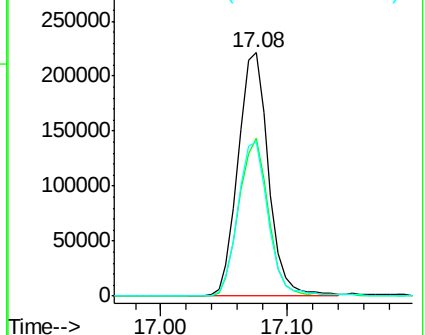
264 63.5 51.4 77.2

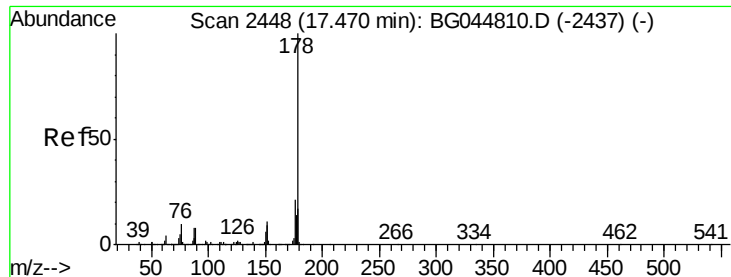


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

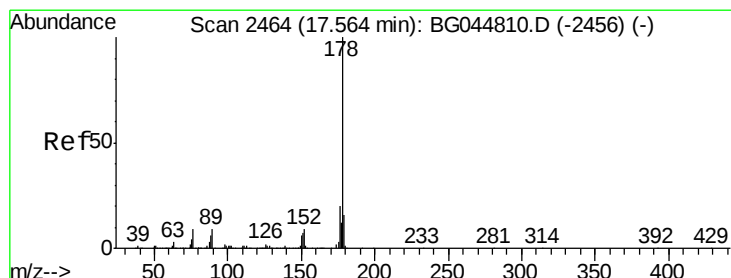
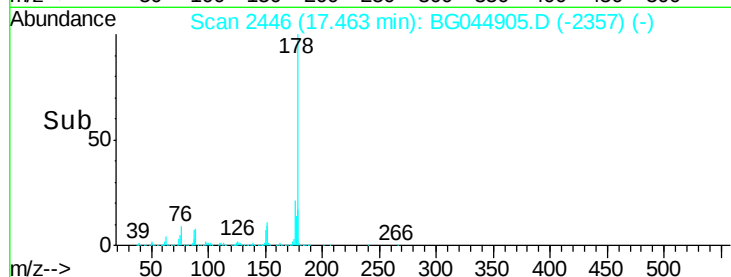
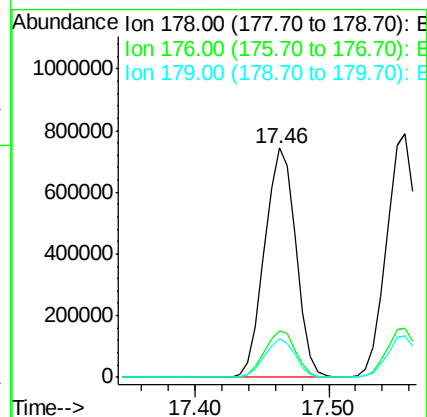
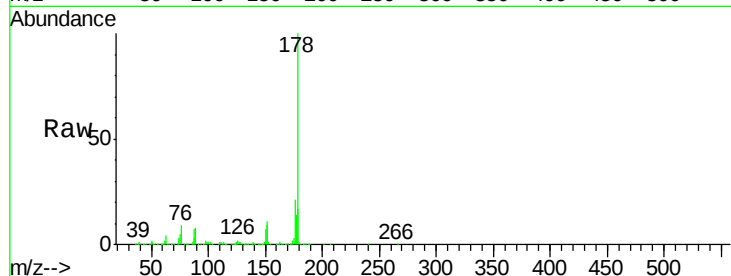




#71
Phenanthrene
Concen: 46.25 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

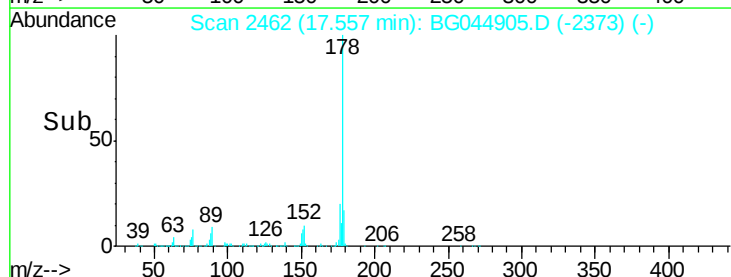
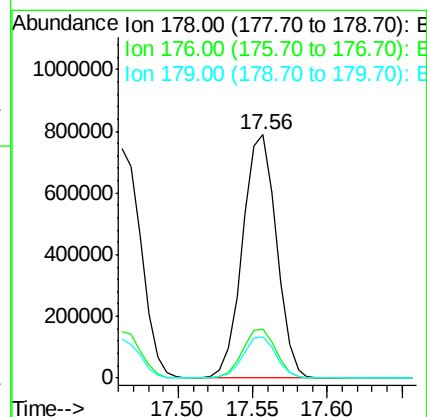
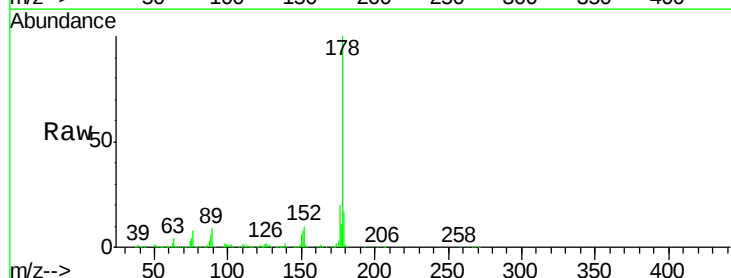
Instrument :
BNA_G
ClientSampleId :
2000448388MS

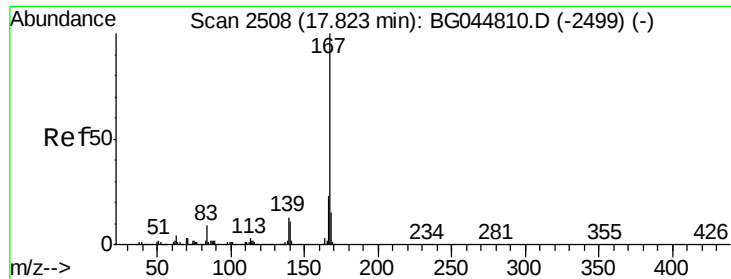
Tgt Ion:178 Resp: 1204226
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 16.9 13.5 20.3



#72
Anthracene
Concen: 48.20 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:178 Resp: 1237590
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.9 13.2 19.8





#73

Carbazole

Concen: 47.44 ng

RT: 17.82 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

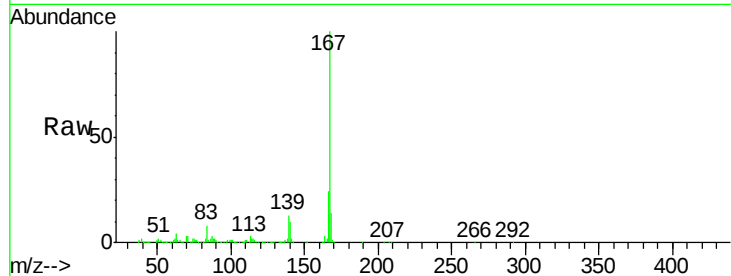
Tgt Ion:167 Resp: 1170047

Ion Ratio Lower Upper

167 100

166 24.2 18.8 28.2

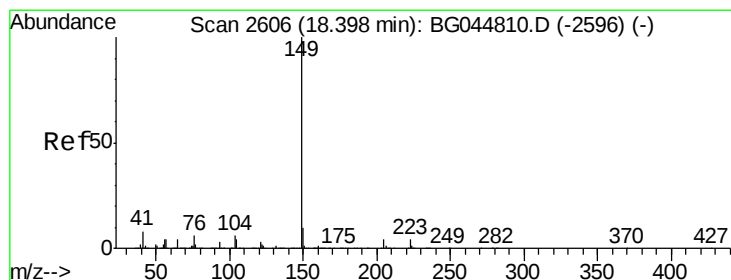
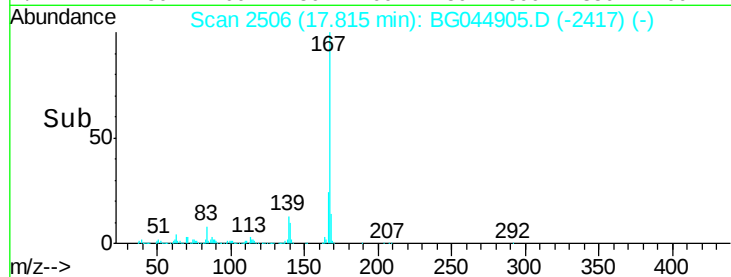
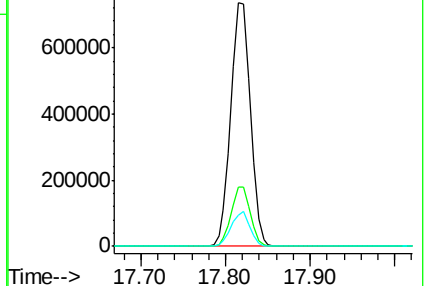
139 13.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.31 ng

RT: 18.39 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

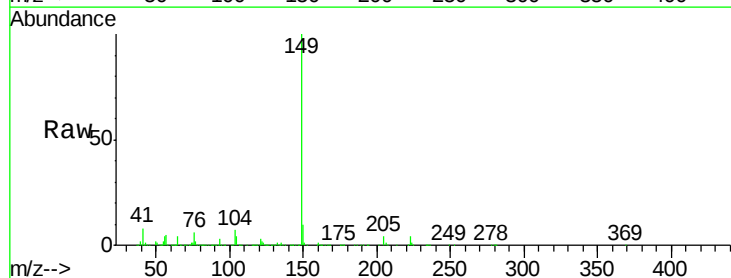
Tgt Ion:149 Resp: 1388598

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

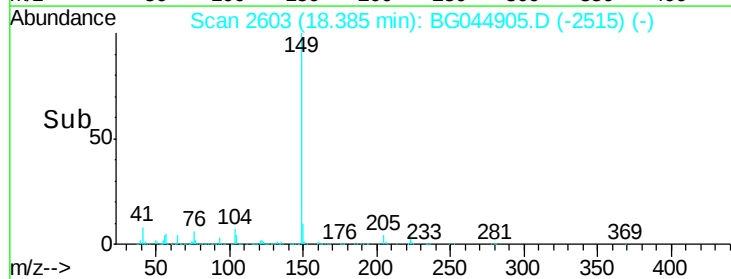
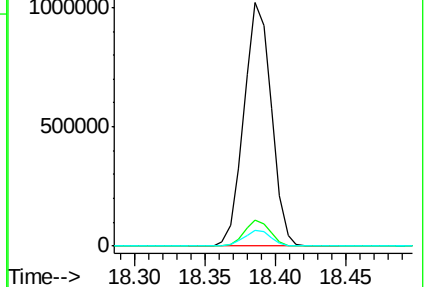
104 6.5 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.48 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

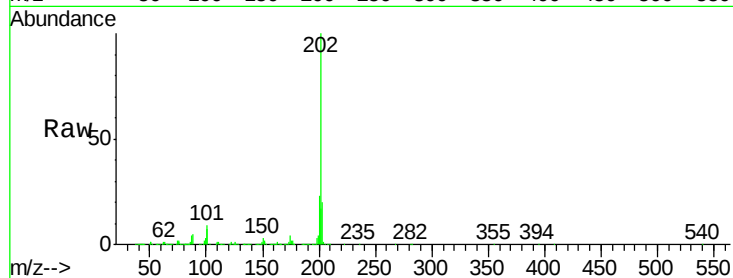
Tgt Ion:202 Resp: 1534152

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.8

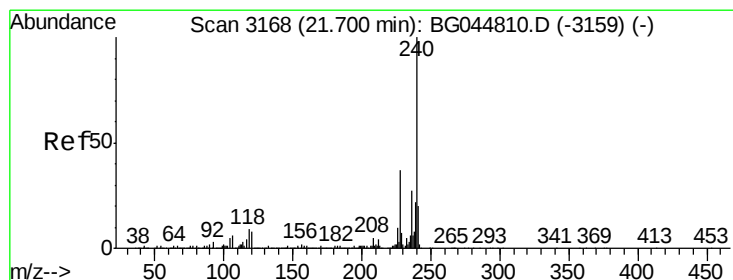
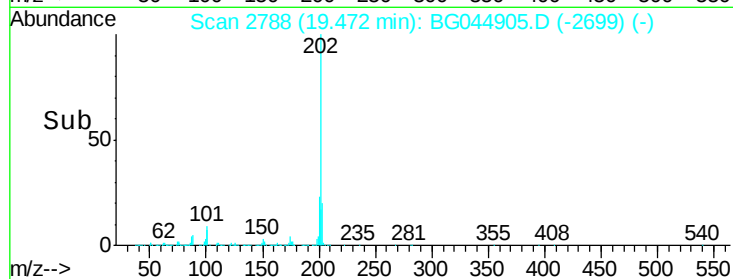
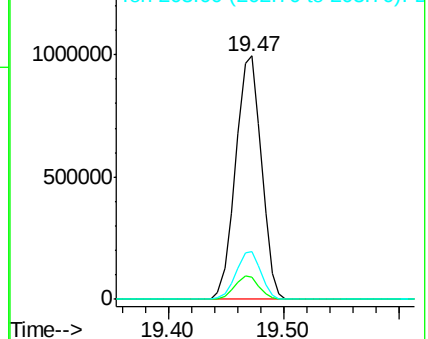
203 19.5 0.0 39.4



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: 20.00 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

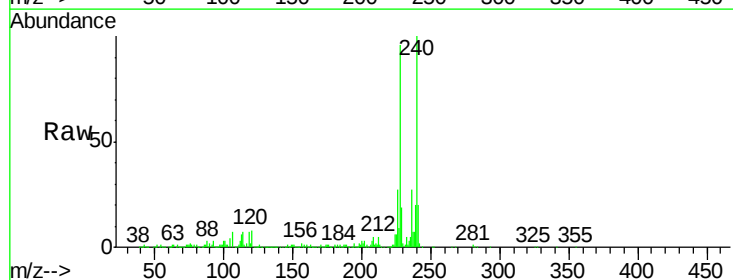
Tgt Ion:240 Resp: 452614

Ion Ratio Lower Upper

240 100

120 7.7 6.7 10.1

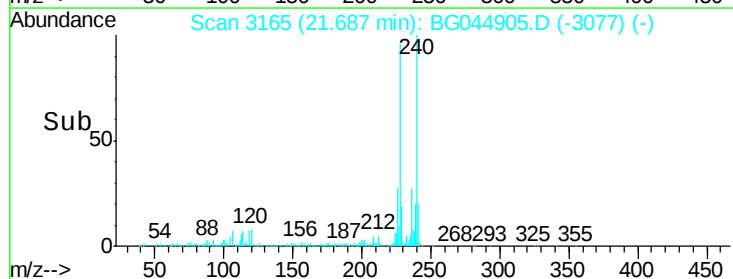
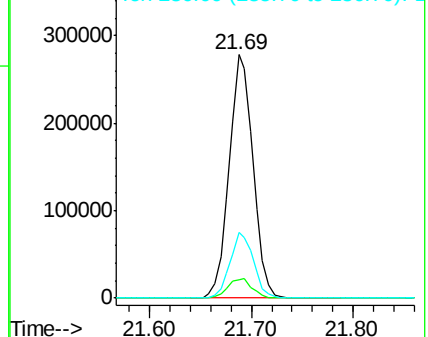
236 27.2 21.5 32.3

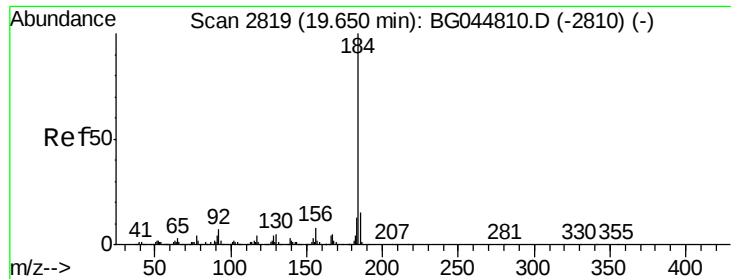


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.62 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

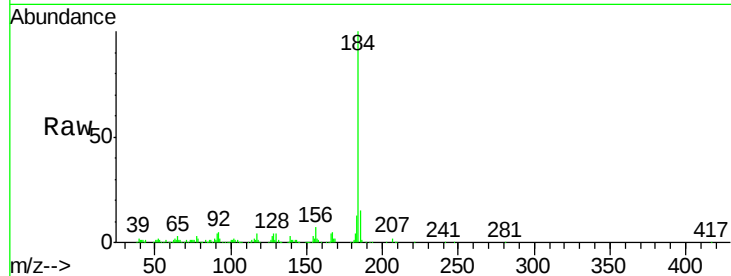
Tgt Ion:184 Resp: 185375

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.4

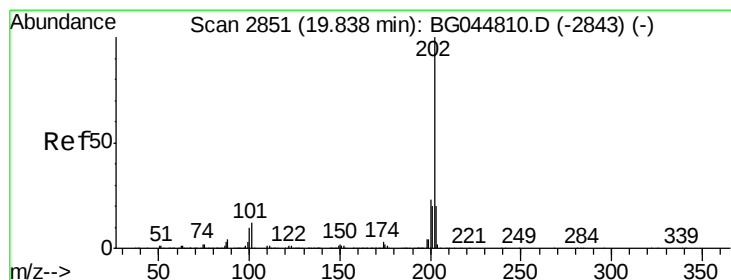
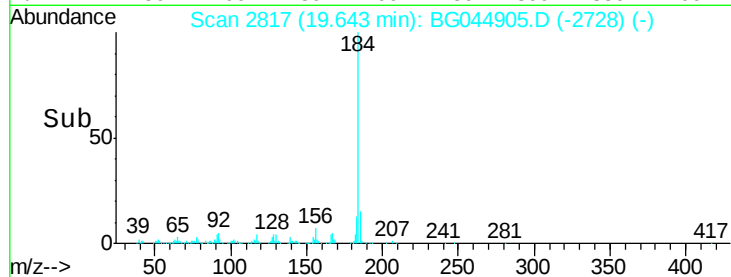
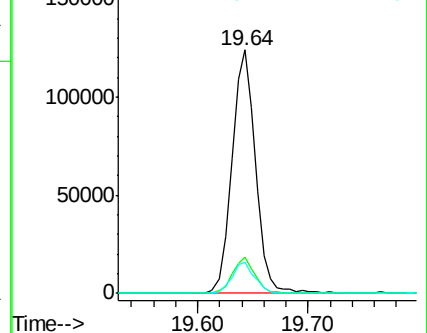
183 12.6 10.7 16.1



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: 46.07 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

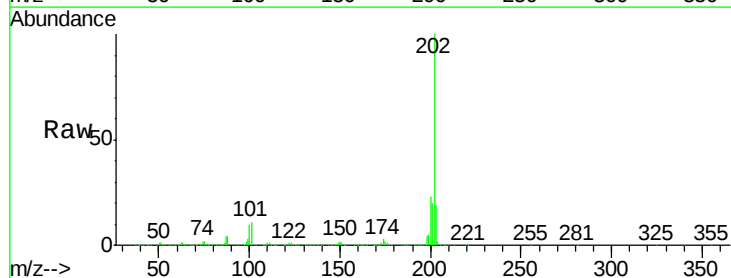
Tgt Ion:202 Resp: 1529736

Ion Ratio Lower Upper

202 100

200 23.4 18.3 27.5

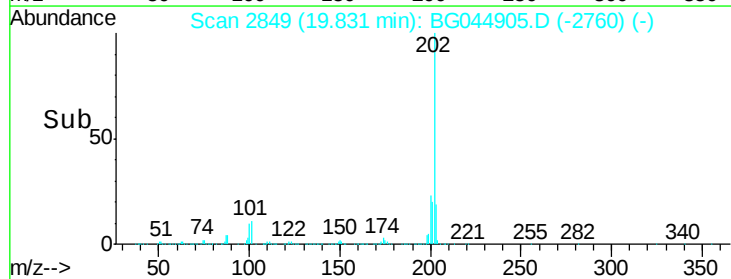
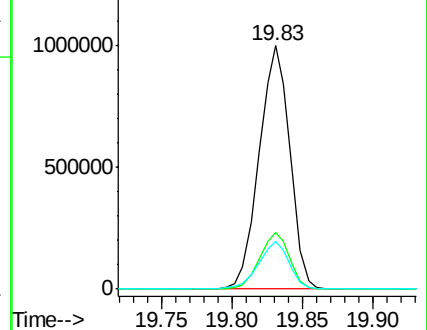
203 19.4 15.6 23.4

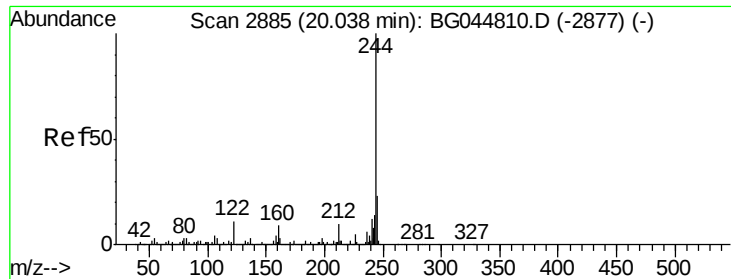


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.47 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

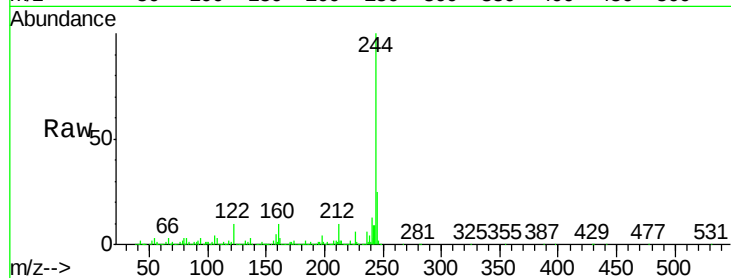
Tgt Ion:244 Resp: 2261791

Ion Ratio Lower Upper

244 100

212 10.3 7.7 11.5

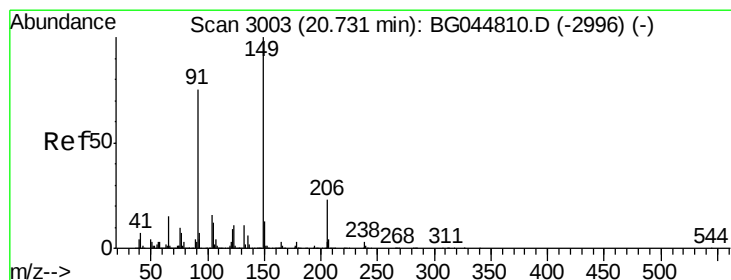
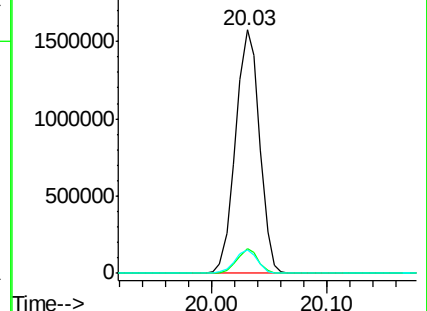
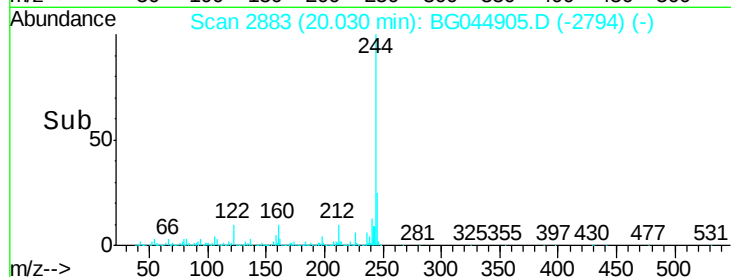
122 9.9 8.6 12.8



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: 44.37 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

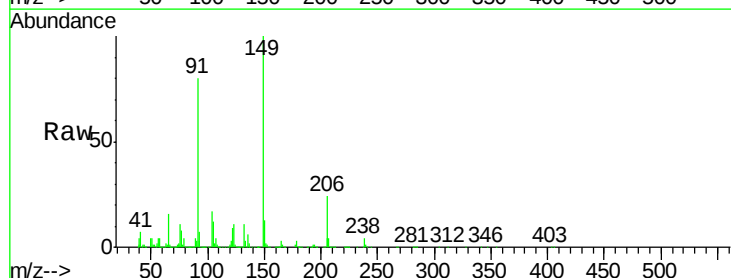
Tgt Ion:149 Resp: 655480

Ion Ratio Lower Upper

149 100

91 79.6 60.2 90.4

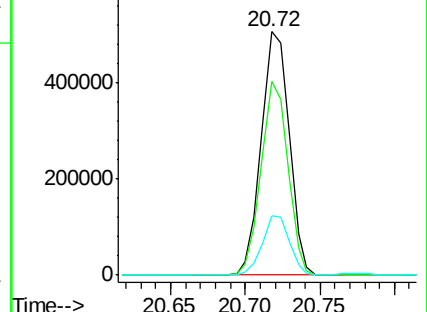
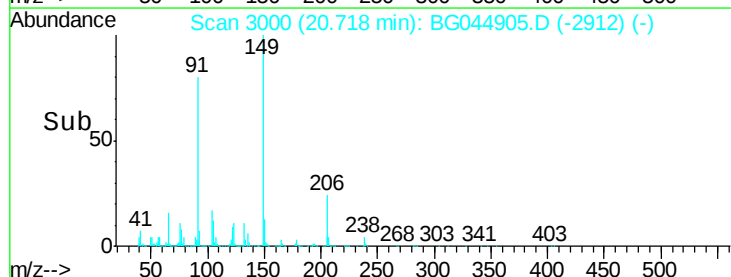
206 24.3 18.6 27.8

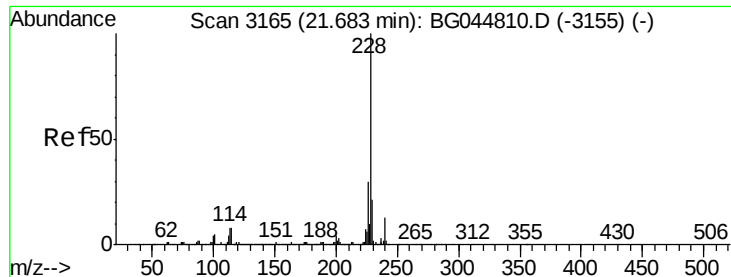


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.97 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

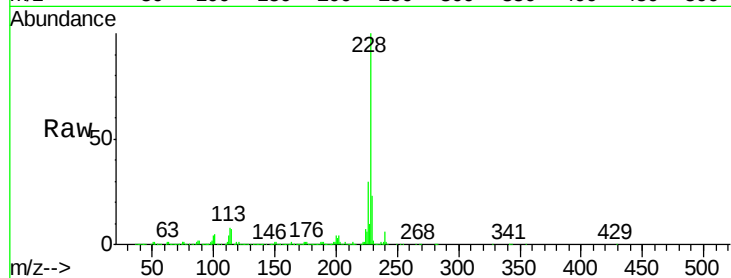
Tgt Ion:228 Resp: 1498273

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

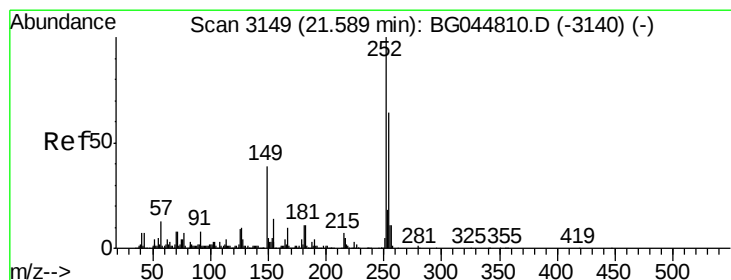
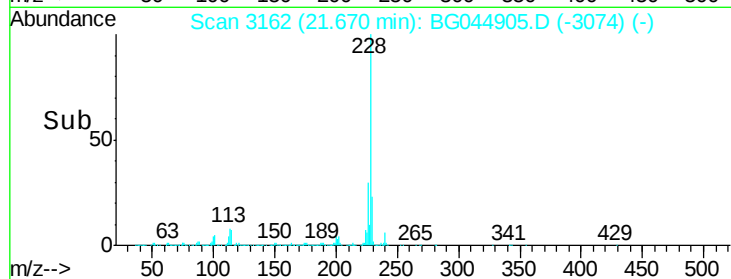
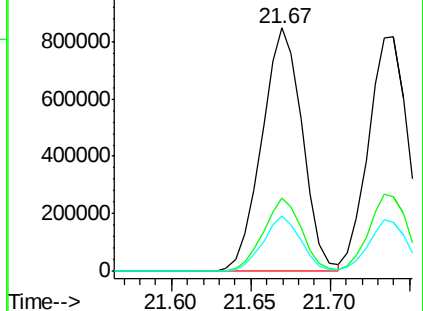
229 22.7 17.1 25.7



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: 14.76 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

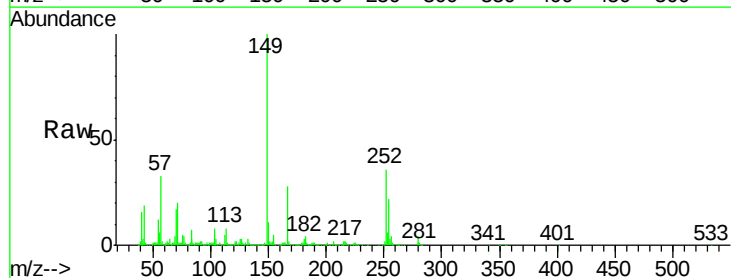
Tgt Ion:252 Resp: 186113

Ion Ratio Lower Upper

252 100

254 62.3 51.6 77.4

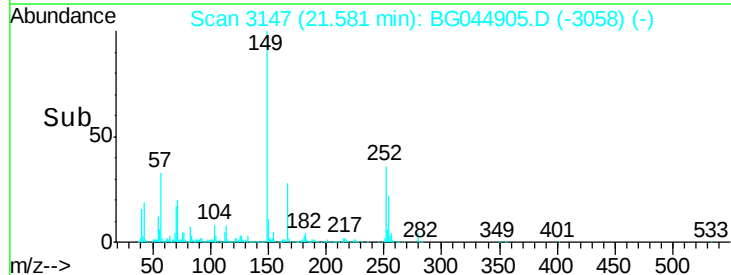
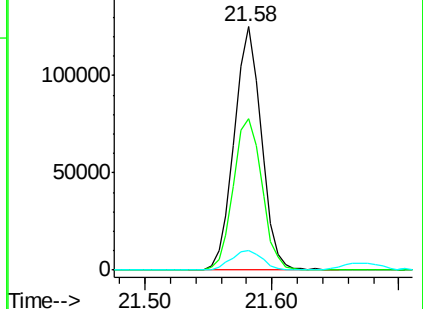
126 8.1 7.0 10.6

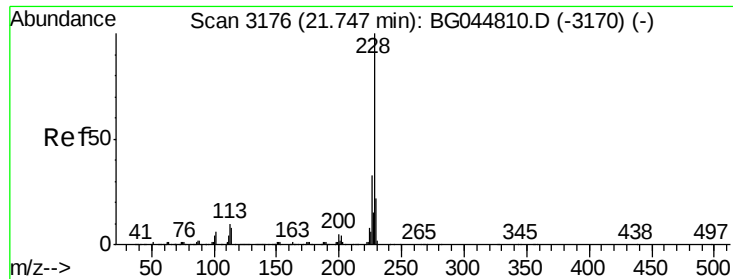


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.23 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

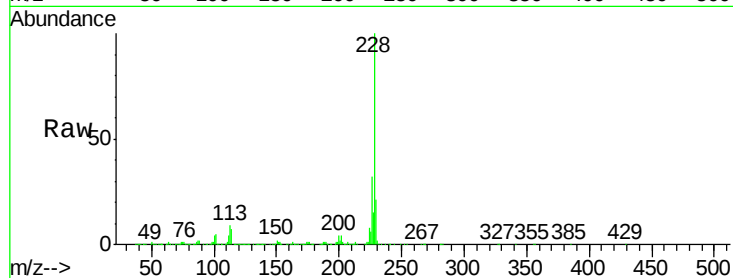
Tgt Ion:228 Resp: 1408144

Ion Ratio Lower Upper

228 100

226 32.1 25.9 38.9

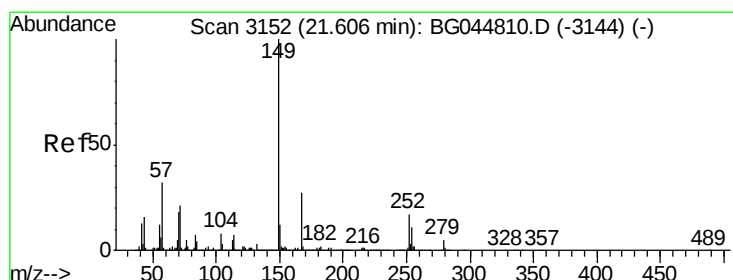
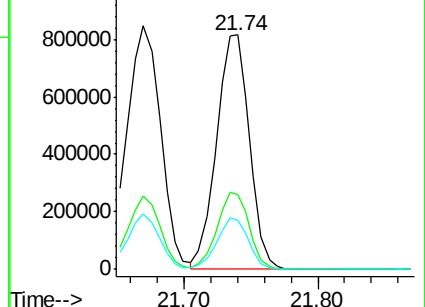
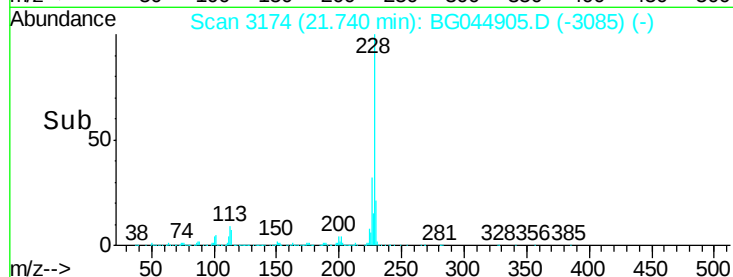
229 20.7 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.52 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

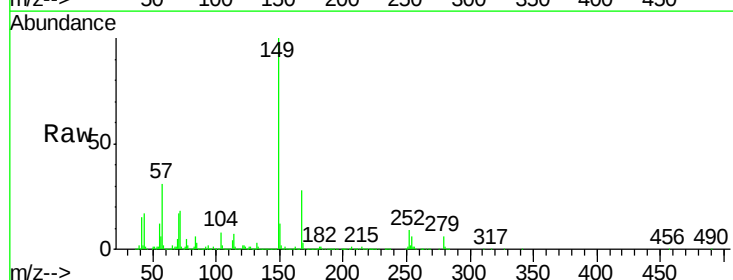
Tgt Ion:149 Resp: 907743

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

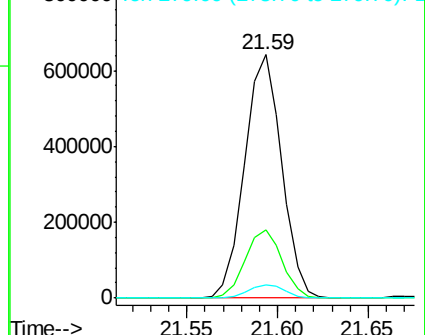
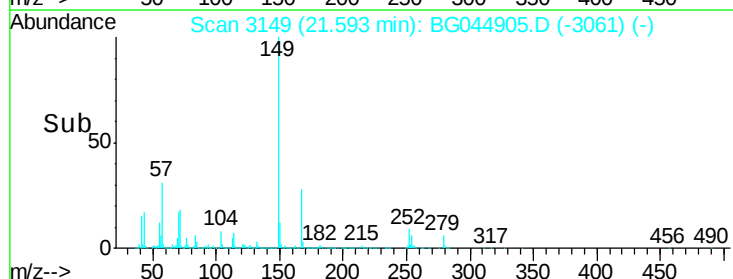
279 5.6 3.8 5.6

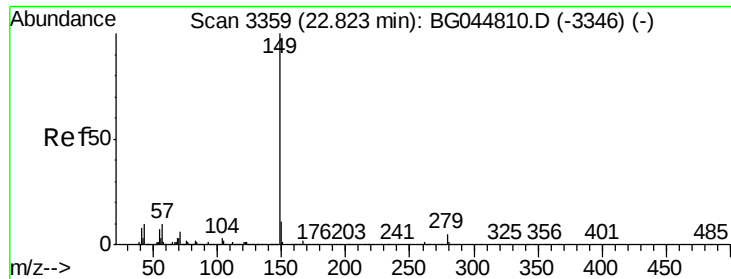


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

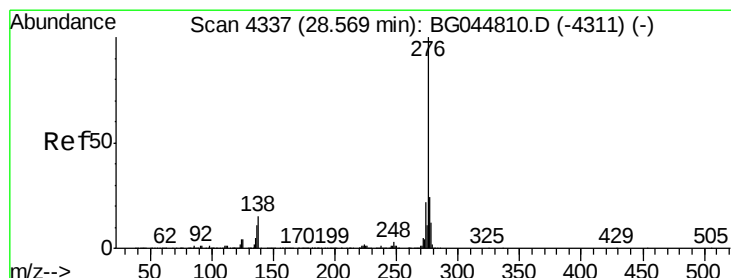
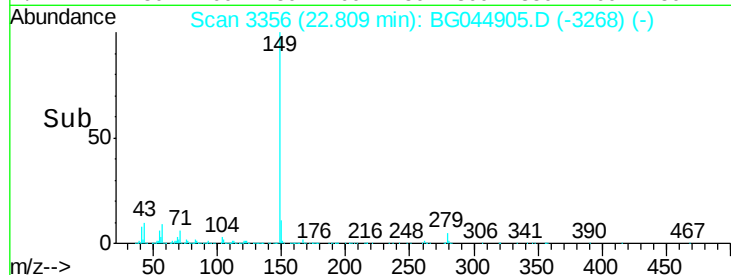
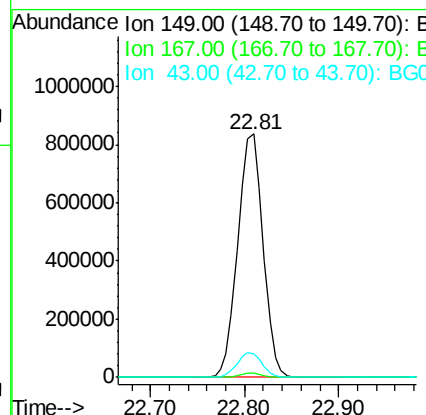
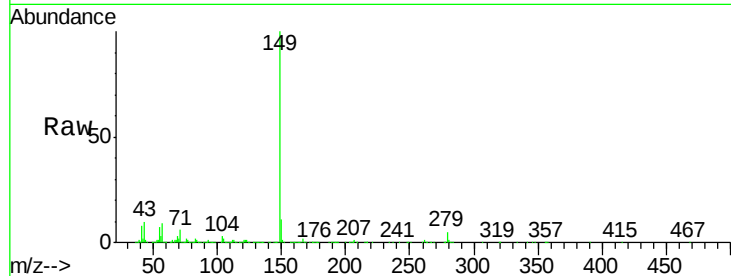




#85
Di-n-octyl phthalate
Concen: 45.73 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

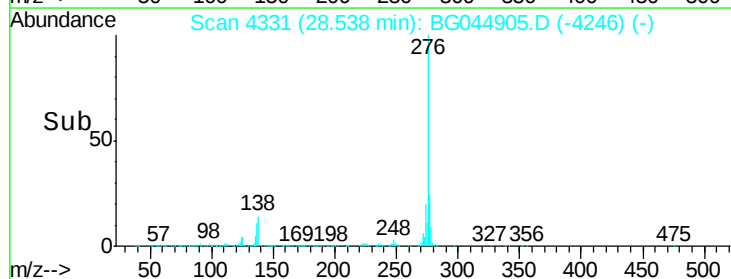
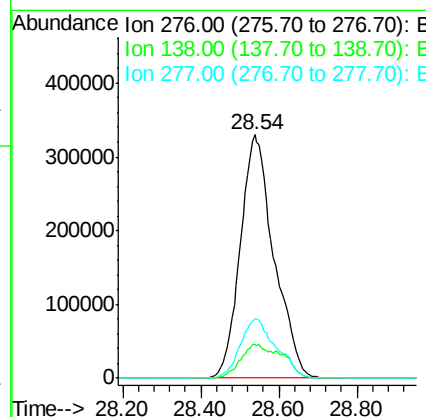
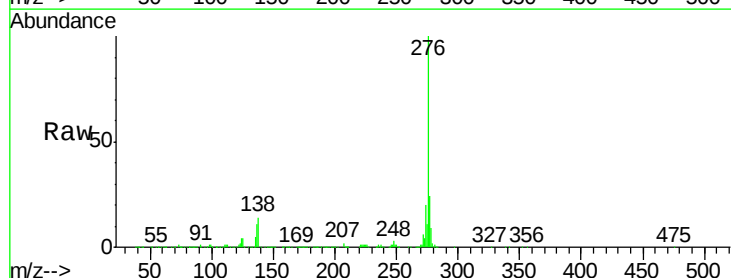
Instrument :
BNA_G
ClientSampleId :
2000448388MS

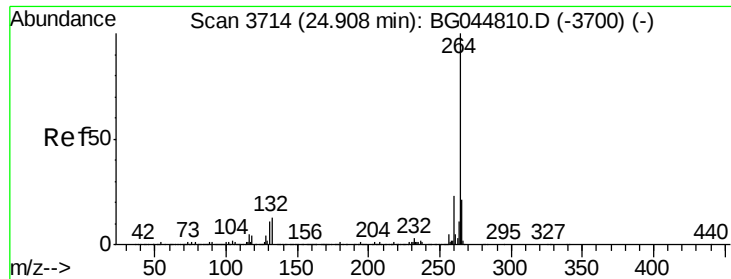
Tgt Ion:149 Resp: 1560395
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 8.2 12.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.22 ng
RT: 28.54 min Scan# 4331
Delta R.T. -0.03 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:276 Resp: 1968233
Ion Ratio Lower Upper
276 100
138 11.9 7.4 11.0#
277 25.9 20.8 31.2



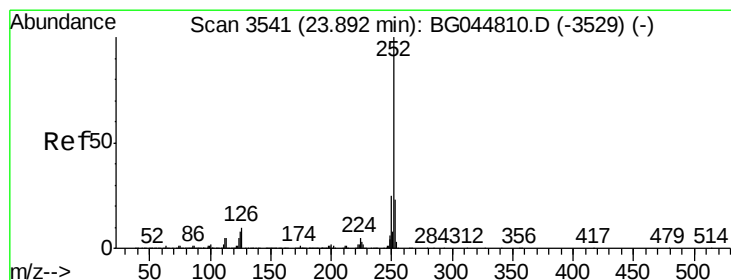
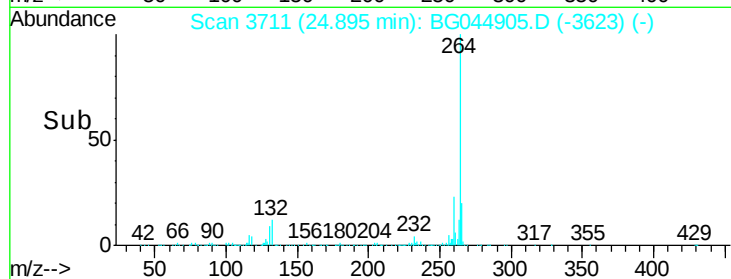
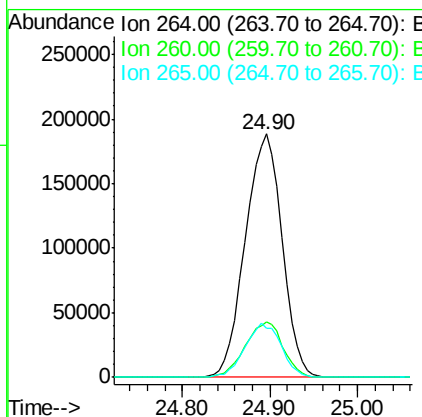
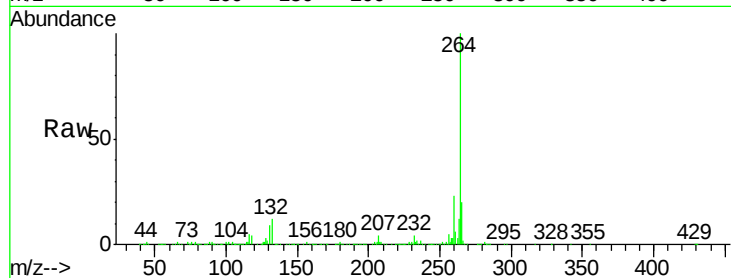


#87
Perylene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tgt Ion:264 Resp: 539770

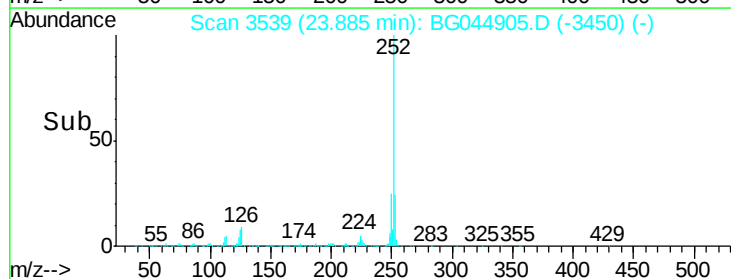
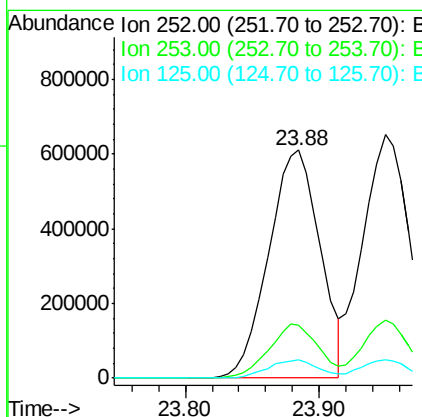
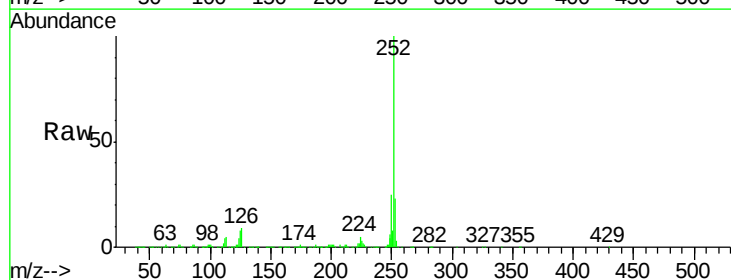
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.1	27.1
265	20.2	17.1	25.7

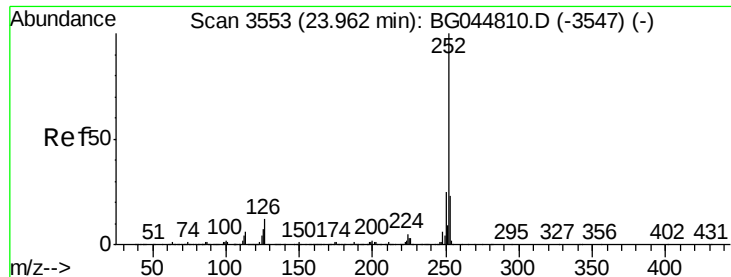


#88
Benzo(b)fluoranthene
Concen: 45.70 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:252 Resp: 1628403

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	8.0	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 46.57 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

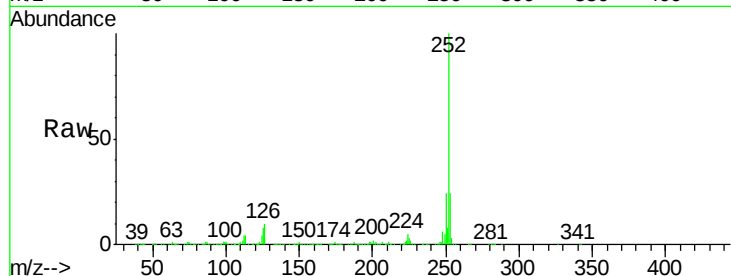
Tgt Ion:252 Resp: 1570453

Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

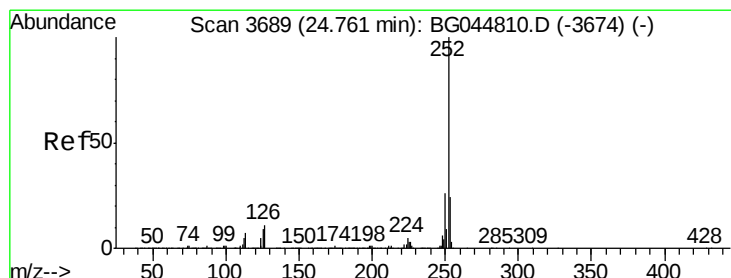
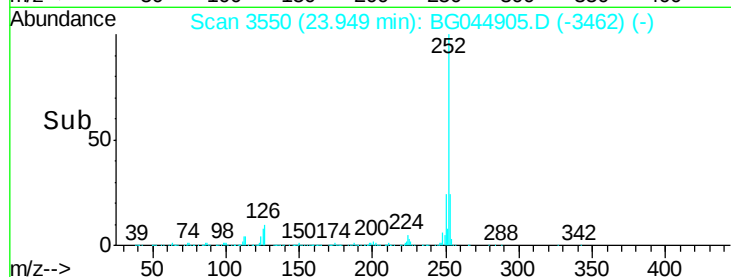
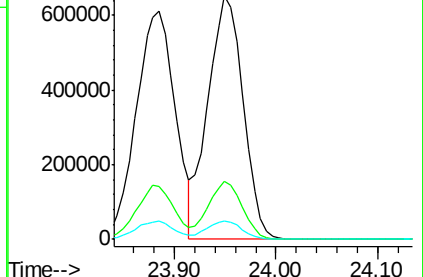
125 7.5 6.2 9.2



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



#90

Benzo(a)pyrene

Concen: 45.13 ng

RT: 24.75 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

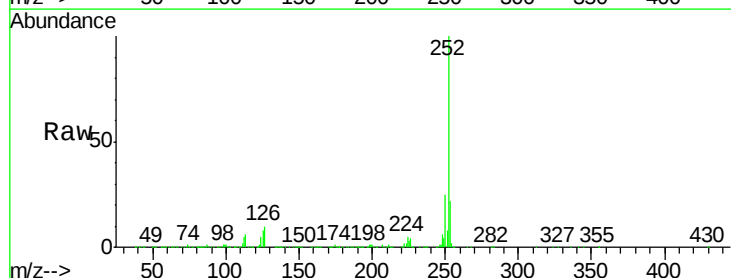
Tgt Ion:252 Resp: 1504788

Ion Ratio Lower Upper

252 100

253 22.2 19.4 29.0

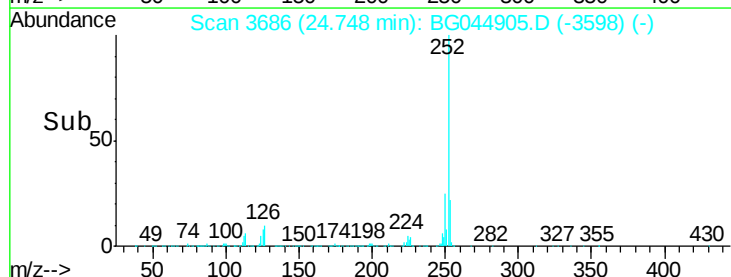
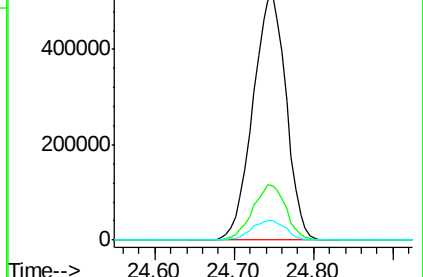
125 8.2 7.2 10.8

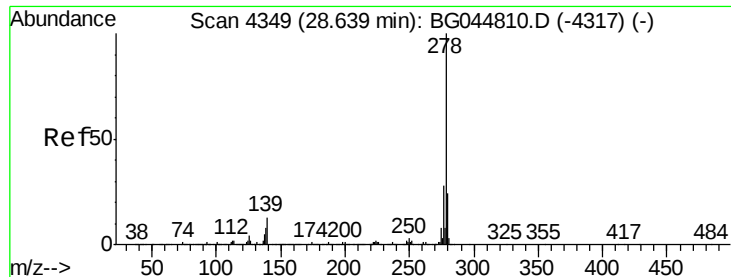


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.04 ng

RT: 28.60 min Scan# 4342

Delta R.T. -0.04 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

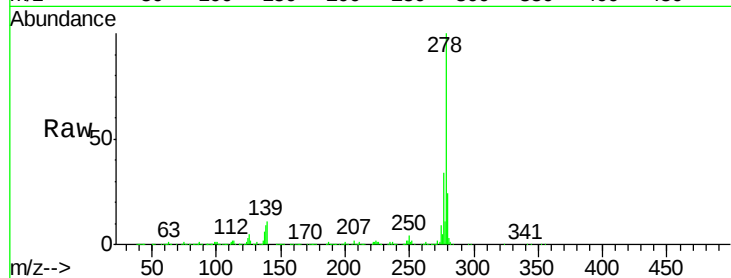
Tgt Ion:278 Resp: 1580274

Ion Ratio Lower Upper

278 100

139 10.7 10.2 15.2

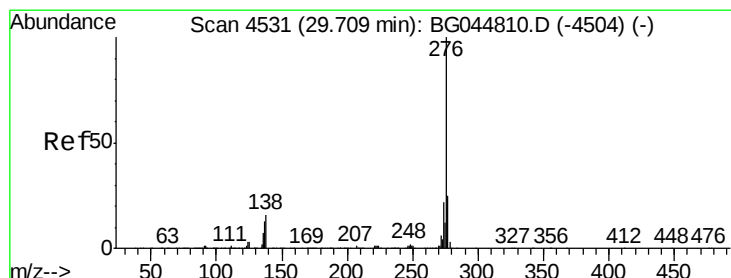
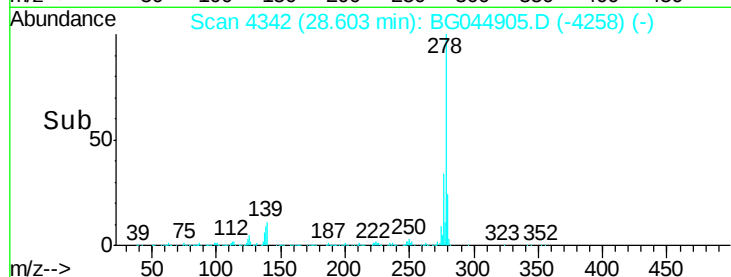
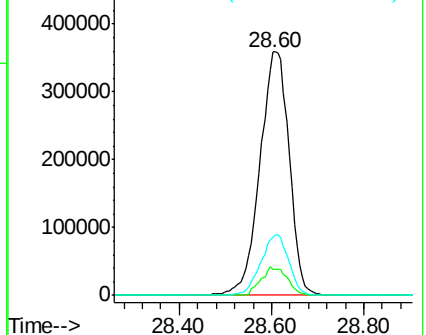
279 23.8 18.9 28.3



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: 48.84 ng

RT: 29.68 min Scan# 4526

Delta R.T. -0.02 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

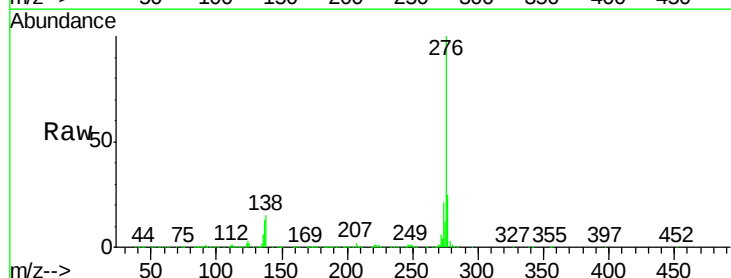
Tgt Ion:276 Resp: 1623158

Ion Ratio Lower Upper

276 100

277 24.6 20.1 30.1

138 14.8 13.0 19.6



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

