

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
 Data File : BG044906.D
 Acq On : 19 Mar 2020 20:55
 Operator : CG/JU
 Sample : L1964-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Quant Time: Mar 20 01:21:37 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	8.05	152	87950	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	337025	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	231618	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	530032	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	480302	20.00	ng	-0.01
87) Perylene-d12	24.90	264	561186	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	650167	115.08	ng	0.00
7) Phenol-d6	7.21	99	813012	99.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	647806	84.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	410212	135.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1324224	81.87	ng	0.00
79) Terphenyl-d14	20.03	244	2154216	83.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	93735	34.45	ng	# 25
3) Pyridine	3.93	79	213324	26.49	ng	98
4) n-Nitrosodimethylamine	3.83	42	128308	41.99	ng	100
6) Aniline	7.36	93	117537	11.51	ng	98
8) 2-Chlorophenol	7.61	128	269981	47.87	ng	98
9) Benzaldehyde	7.18	77	223095	46.80	ng	96
10) Phenol	7.23	94	301182	37.06	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	263223	40.58	ng	97
12) 1,3-Dichlorobenzene	7.93	146	275954	39.72	ng	98
13) 1,4-Dichlorobenzene	8.08	146	280533	40.84	ng	95
14) 1,2-Dichlorobenzene	8.40	146	261894	40.20	ng	98
15) Benzyl Alcohol	8.28	79	278818	42.33	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	386604	33.78	ng	97
17) 2-Methylphenol	8.49	107	240104	43.62	ng	96
18) Hexachloroethane	9.13	117	108543	40.14	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	223602	38.58	ng	99
20) 3+4-Methylphenols	8.81	107	320604	42.25	ng	96
22) Acetophenone	8.86	105	414013	43.36	ng	99
24) Nitrobenzene	9.24	77	349559	43.86	ng	99
25) Isophorone	9.77	82	625780	41.75	ng	99
26) 2-Nitrophenol	9.96	139	148809	53.12	ng	98
27) 2,4-Dimethylphenol	10.02	122	250886	51.40	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	354476	39.63	ng	98
29) 2,4-Dichlorophenol	10.50	162	273024	47.89	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	291985	42.83	ng	96
31) Naphthalene	10.90	128	803888	43.06	ng	99
32) Benzoic acid	10.16	122	138889	38.83	ng	97
33) 4-Chloroaniline	11.00	127	17668	2.10	ng	93
34) Hexachlorobutadiene	11.20	225	189087	42.18	ng	97
35) Caprolactam	11.82	113	31052	14.38	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	300411	44.18	ng	98
37) 2-Methylnaphthalene	12.51	142	596023	42.68	ng	96
38) 1-Methylnaphthalene	12.72	142	566552	43.15	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	319591	41.90	ng	99

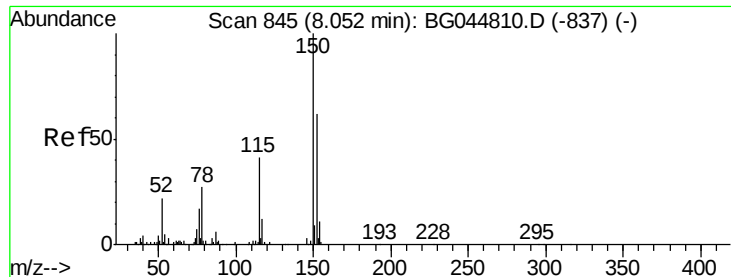
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
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 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	392780	94.22	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	235053	46.43	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	245200	46.71	ng	94
46) 1,1'-Biphenyl	13.51	154	749538	40.50	ng	98
47) 2-Chloronaphthalene	13.55	162	585583	41.41	ng	98
48) 2-Nitroaniline	13.75	65	210296	42.48	ng	98
49) Acenaphthylene	14.40	152	952543	43.00	ng	98
50) Dimethylphthalate	14.13	163	775477	42.04	ng	99
51) 2,6-Dinitrotoluene	14.24	165	169841	45.68	ng	96
52) Acenaphthene	14.74	154	688492	47.46	ng	99
53) 3-Nitroaniline	14.57	138	28009	6.55	ng	88
54) 2,4-Dinitrophenol	14.77	184	201145	101.07	ng	93
55) Dibenzofuran	15.07	168	899904	42.78	ng	99
56) 4-Nitrophenol	14.88	139	261973	80.29	ng	94
57) 2,4-Dinitrotoluene	15.03	165	248595	48.75	ng	98
58) Fluorene	15.73	166	740438	42.79	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	233114	48.23	ng	95
60) Diethylphthalate	15.50	149	781682	40.63	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	399930	42.92	ng	99
62) 4-Nitroaniline	15.73	138	161425	35.41	ng	99
63) Azobenzene	16.01	77	776661	38.87	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	143787	56.09	ng	99
66) n-Nitrosodiphenylamine	15.92	169	662787	41.53	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	274098	41.37	ng	97
68) Hexachlorobenzene	16.74	284	302144	42.03	ng	99
69) Atrazine	16.88	200	264287	45.20	ng	98
70) Pentachlorophenol	17.07	266	374097	94.58	ng	97
71) Phenanthrene	17.46	178	1186469	41.89	ng	99
72) Anthracene	17.55	178	1204520	43.13	ng	99
73) Carbazole	17.82	167	1130681	42.15	ng	99
74) Di-n-butylphthalate	18.39	149	1340405	41.10	ng	99
75) Fluoranthene	19.47	202	1483976	44.00	ng	99
77) Benzidine	19.64	184	284311	18.23	ng	96
78) Pyrene	19.83	202	1465623	41.59	ng	98
80) Butylbenzylphthalate	20.72	149	632237	40.33	ng	99
81) Benzo(a)anthracene	21.67	228	1441109	41.67	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	140579	10.51	ng	99
83) Chrysene	21.74	228	1363497	41.27	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	877707	40.57	ng	99
85) Di-n-octyl phthalate	22.81	149	1485464	41.03	ng	99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1858960	42.92	ng	# 94
88) Benzo(b)fluoranthene	23.88	252	1571503	42.42	ng	100
89) Benzo(k)fluoranthene	23.95	252	1474187	42.05	ng	99
90) Benzo(a)pyrene	24.74	252	1428310	41.20	ng	97
91) Dibenzo(a,h)anthracene	28.61	278	1491061	43.60	ng	97
92) Benzo(g,h,i)perylene	29.68	276	1533314	44.38	ng	96

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

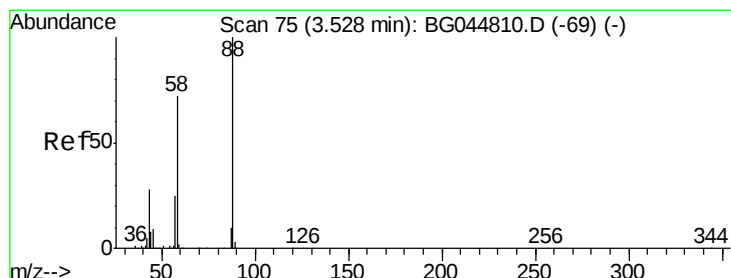
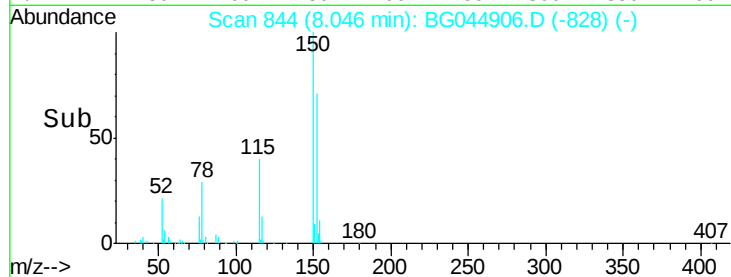
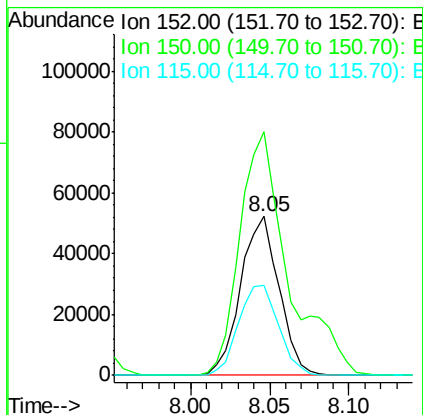
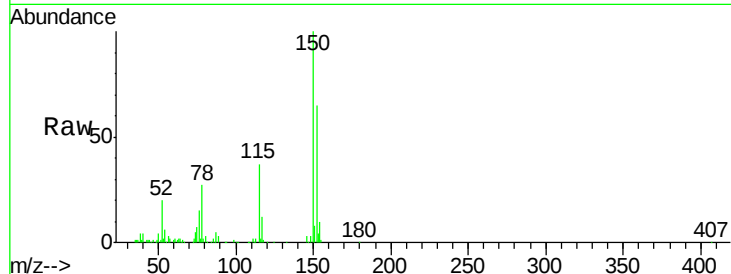


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

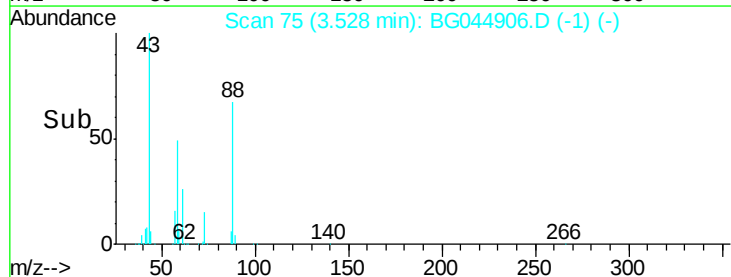
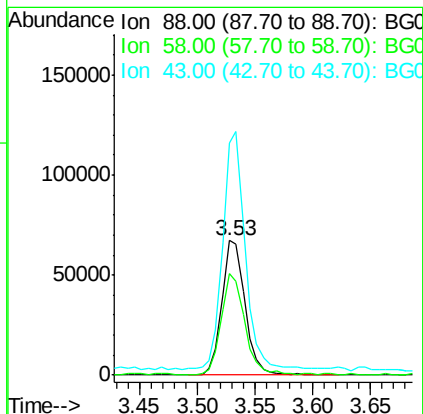
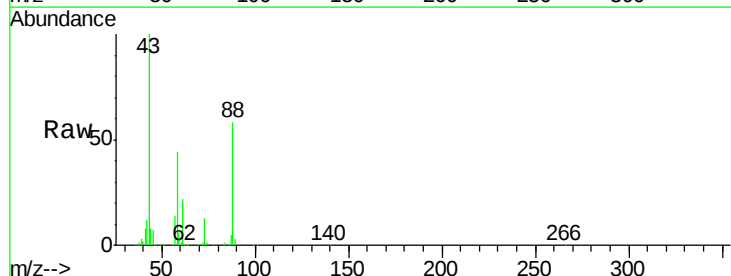
Tgt Ion:152 Resp: 87950
Ion Ratio Lower Upper
152 100
150 153.2 128.8 193.2
115 56.6 52.6 79.0

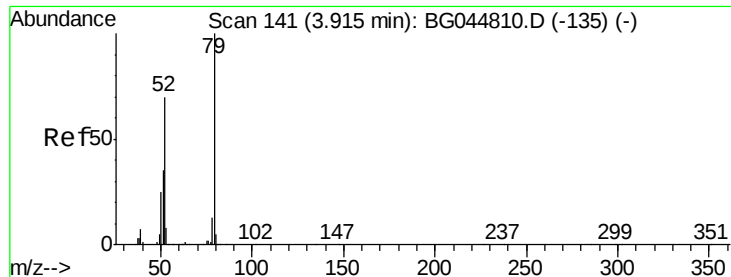


#2

1,4-Dioxane
Concen: 34.45 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion: 88 Resp: 93735
Ion Ratio Lower Upper
88 100
58 75.2 63.0 94.4
43 170.4 24.8 37.2#





#3

Pyridine

Concen: 26.49 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

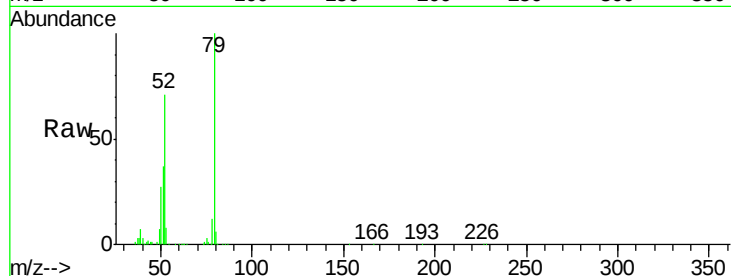
Tgt Ion: 79 Resp: 213324

Ion Ratio Lower Upper

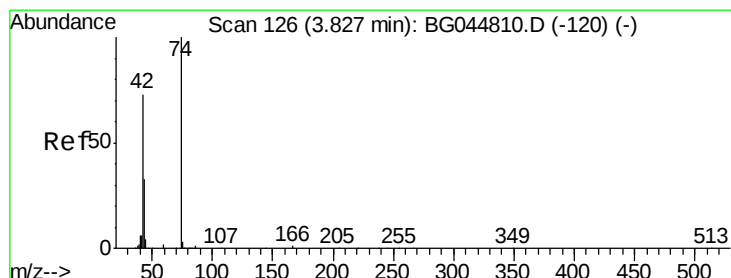
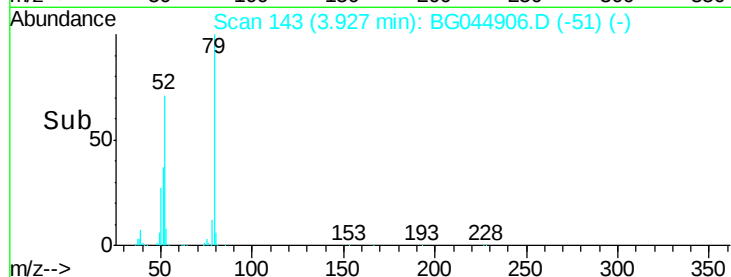
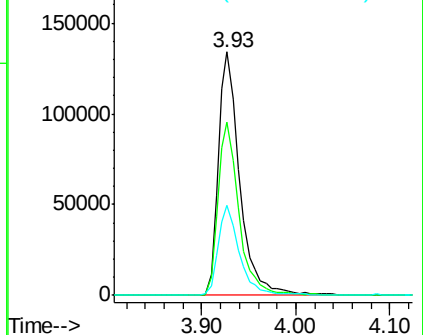
79 100

52 71.1 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: 41.99 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

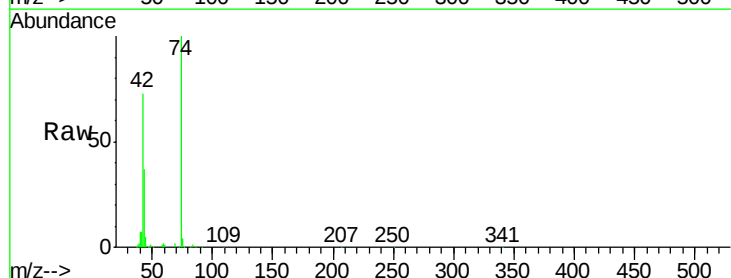
Tgt Ion: 42 Resp: 128308

Ion Ratio Lower Upper

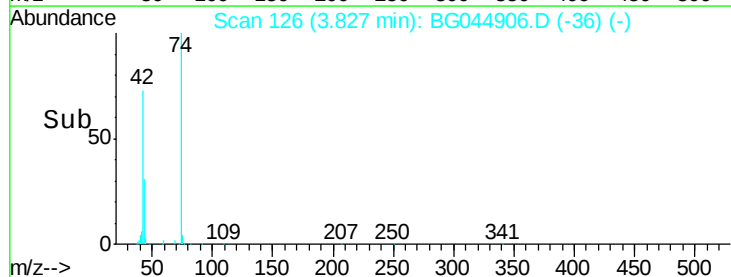
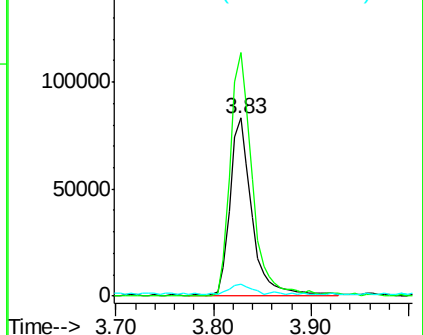
42 100

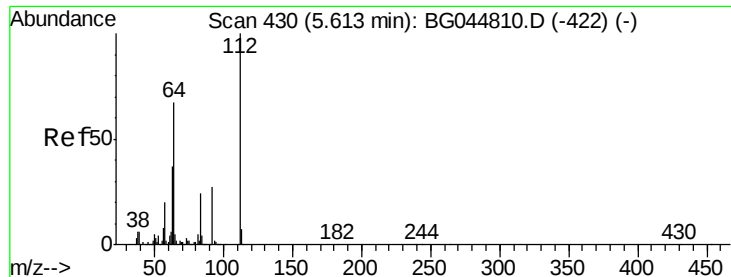
74 136.9 109.1 163.7

44 6.5 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: 115.08 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

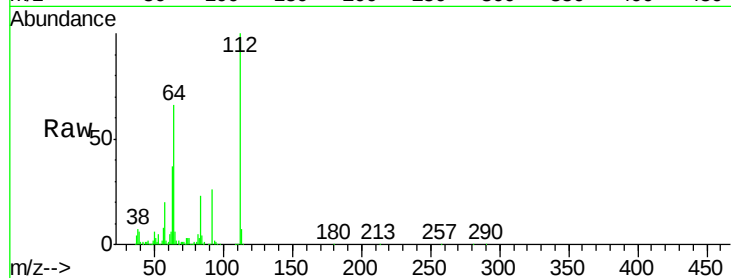
Tgt Ion: 112 Resp: 650167

Ion Ratio Lower Upper

112 100

64 65.6 53.4 80.2

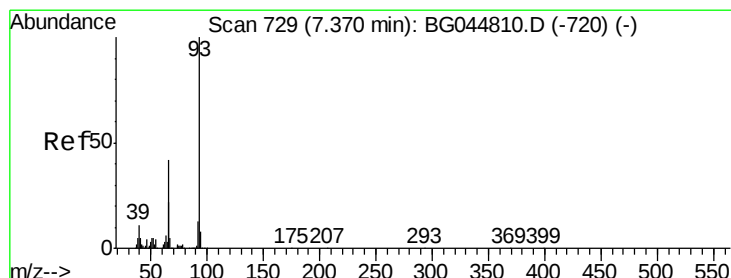
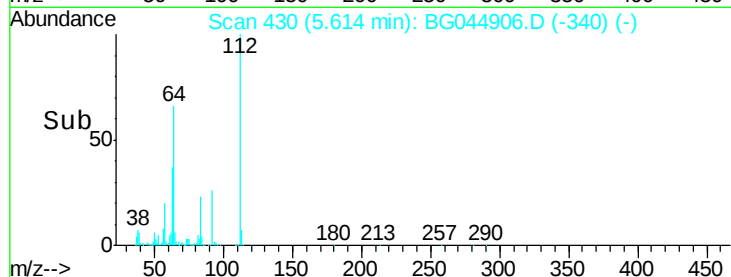
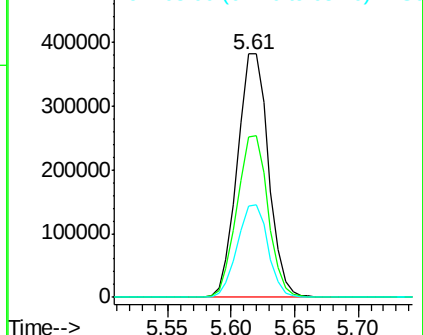
63 37.3 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.51 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

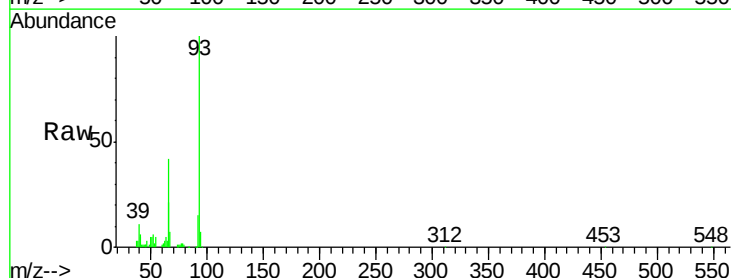
Tgt Ion: 93 Resp: 117537

Ion Ratio Lower Upper

93 100

66 41.6 33.7 50.5

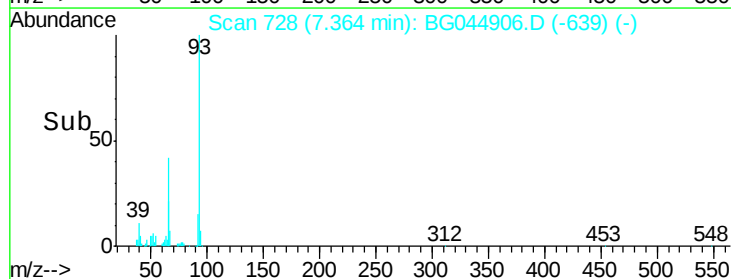
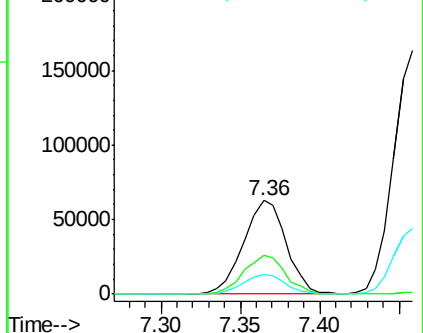
65 20.6 17.7 26.5

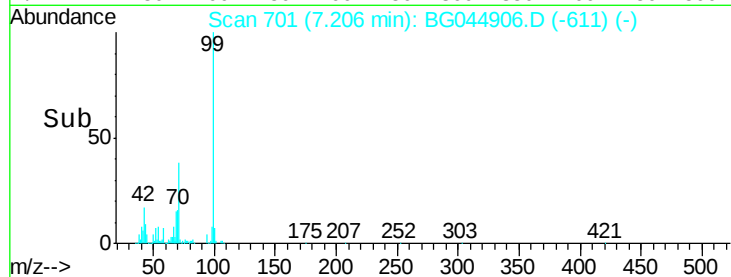
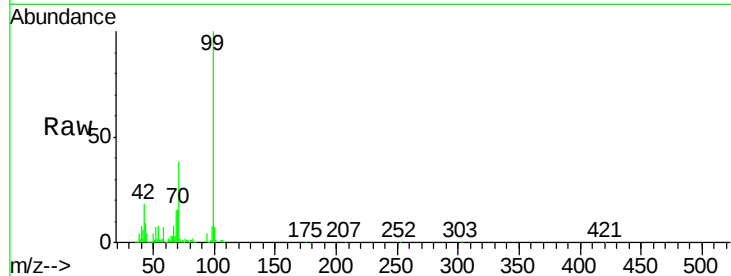
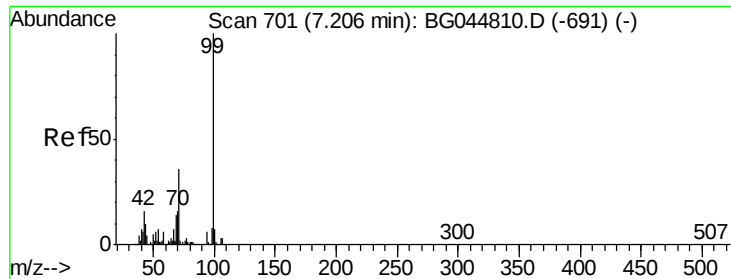


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.04 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

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ClientSampleId :

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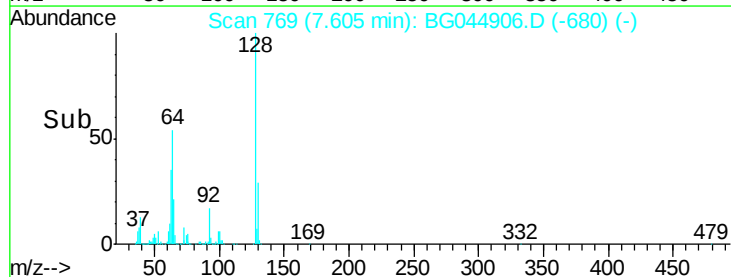
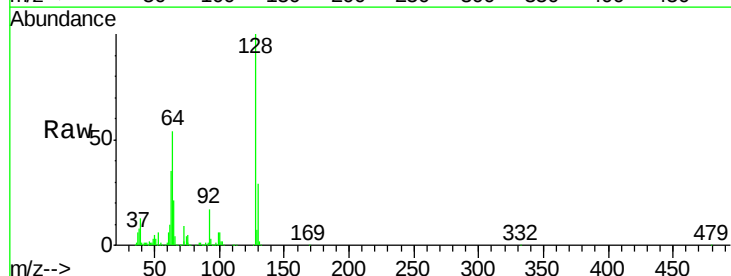
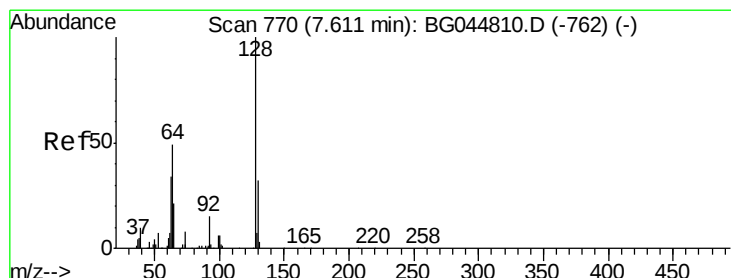
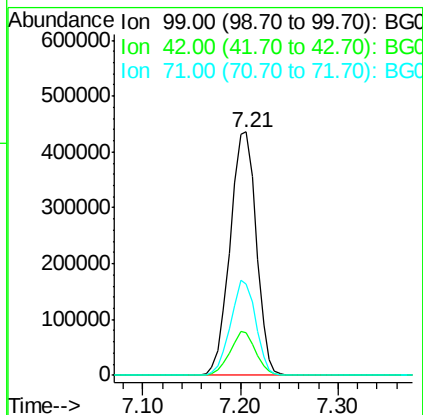
Tgt Ion: 99 Resp: 813012

Ion Ratio Lower Upper

99 100

42 17.5 12.6 19.0

71 37.5 29.0 43.4



#8

2-Chlorophenol

Concen: 47.87 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

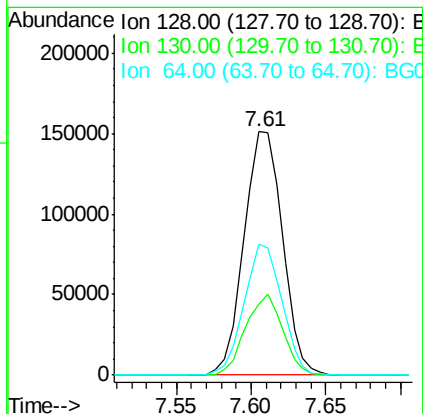
Tgt Ion: 128 Resp: 269981

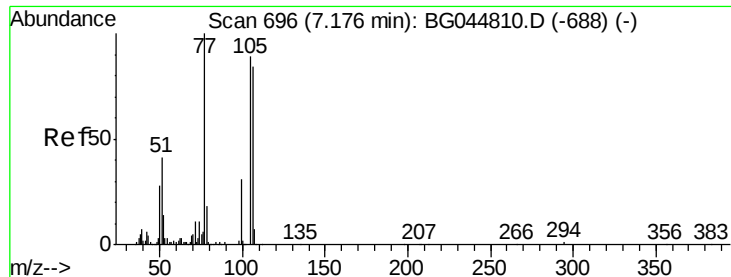
Ion Ratio Lower Upper

128 100

130 29.1 11.6 51.6

64 53.7 34.5 74.5





#9

Benzaldehyde

Concen: 46.80 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

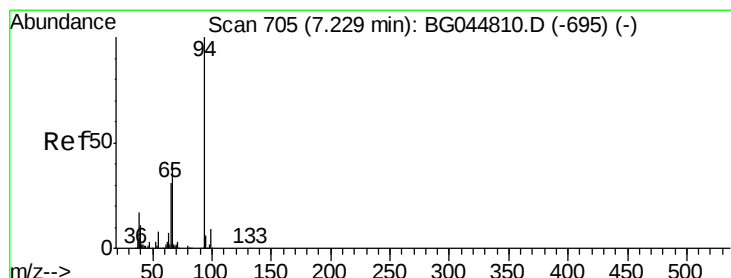
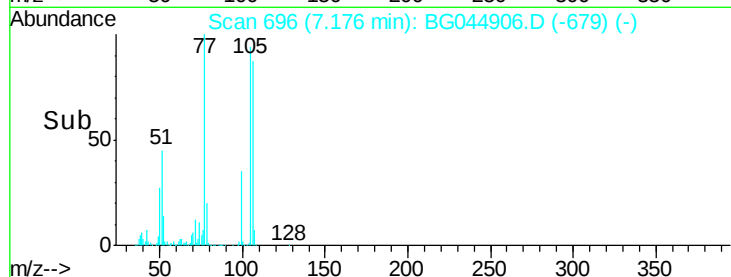
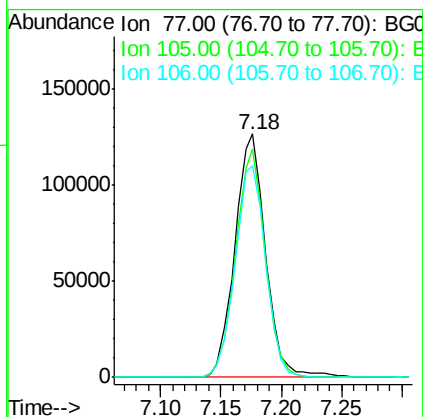
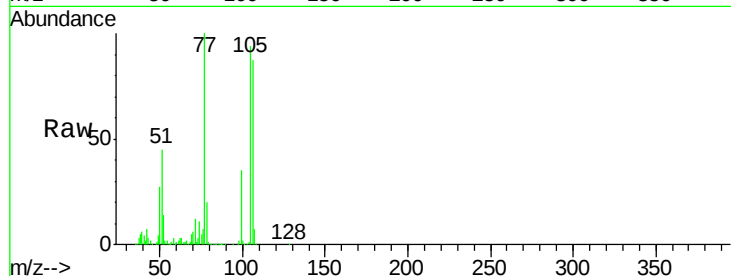
Tgt Ion: 77 Resp: 223095

Ion Ratio Lower Upper

77 100

105 93.5 69.3 109.3

106 86.7 64.5 104.5



#10

Phenol

Concen: 37.06 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

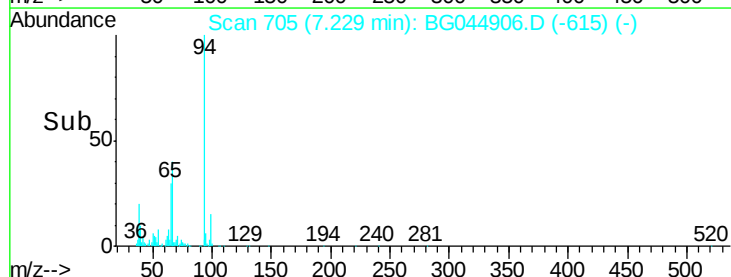
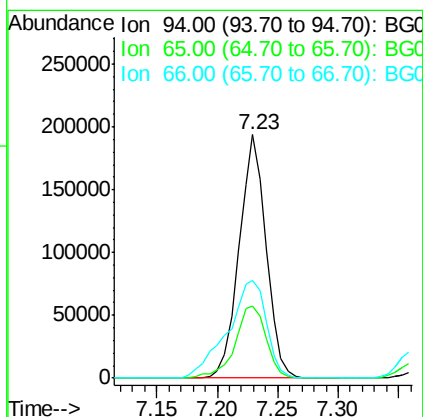
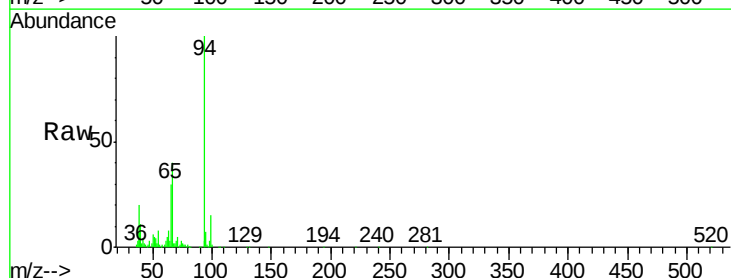
Tgt Ion: 94 Resp: 301182

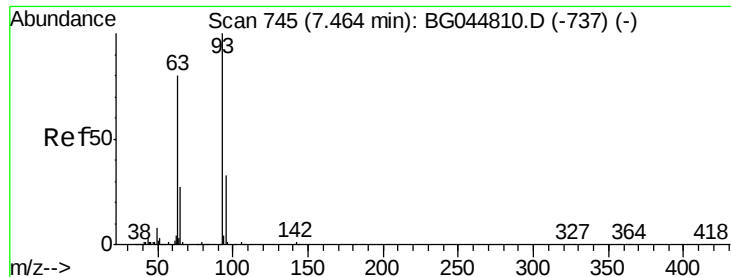
Ion Ratio Lower Upper

94 100

65 29.8 11.0 51.0

66 40.0 20.1 60.1

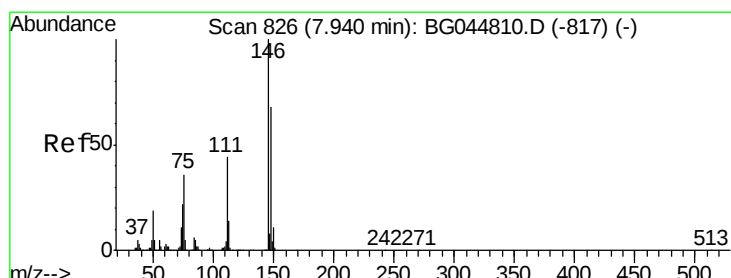
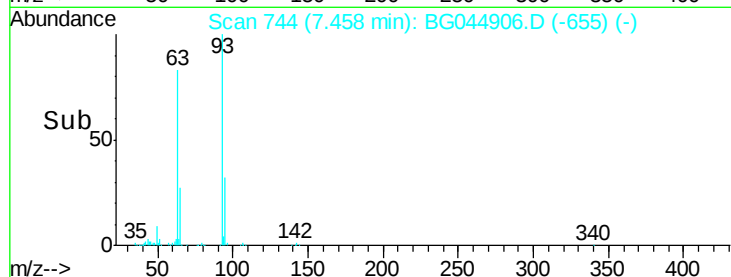
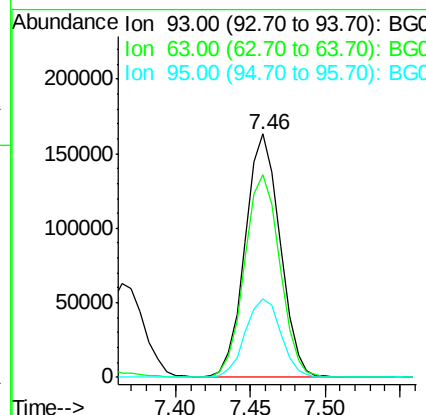
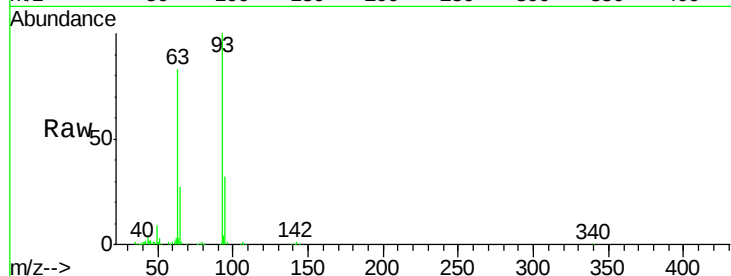




#11
bis(2-Chloroethyl)ether
Concen: 40.58 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

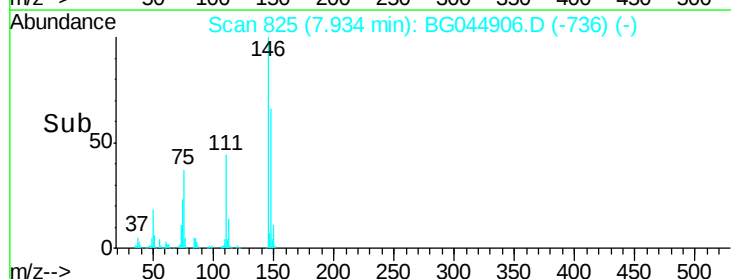
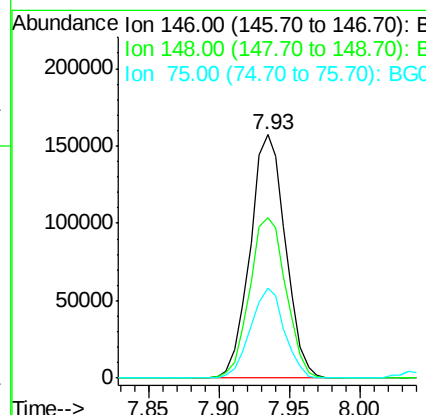
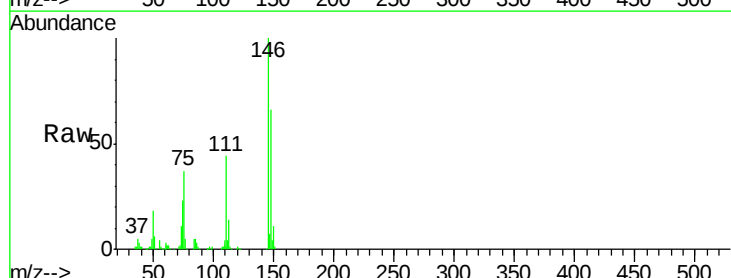
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

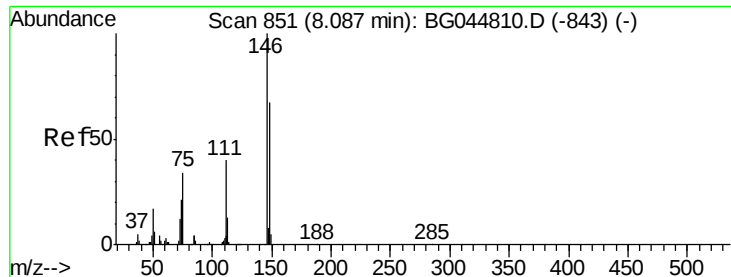
Tgt Ion: 93 Resp: 263223
Ion Ratio Lower Upper
93 100
63 83.0 59.7 99.7
95 32.2 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.72 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion: 146 Resp: 275954
Ion Ratio Lower Upper
146 100
148 66.0 54.2 81.4
75 37.2 28.6 42.8

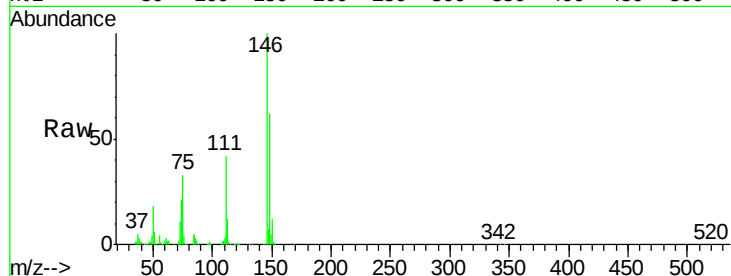




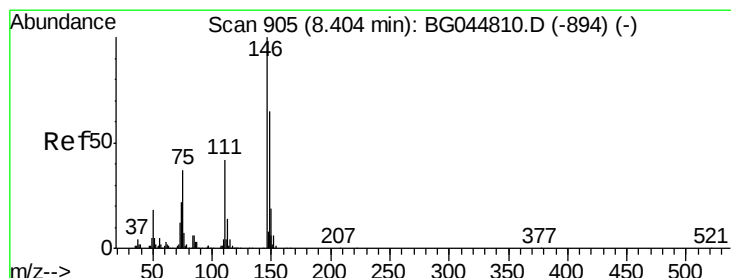
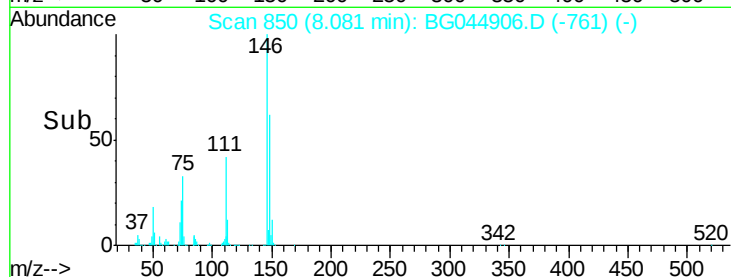
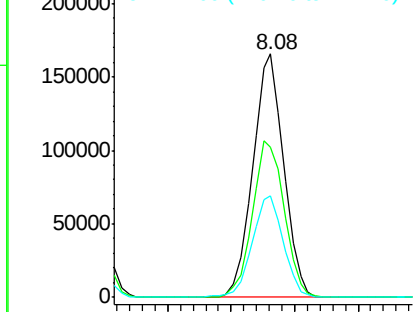
#13
 1,4-Dichlorobenzene
 Concen: 40.84 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tgt Ion:146 Resp: 280533
 Ion Ratio Lower Upper
 146 100
 148 61.9 53.8 80.6
 111 41.6 32.0 48.0

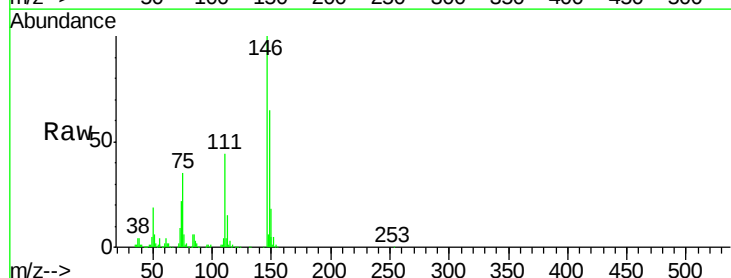


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

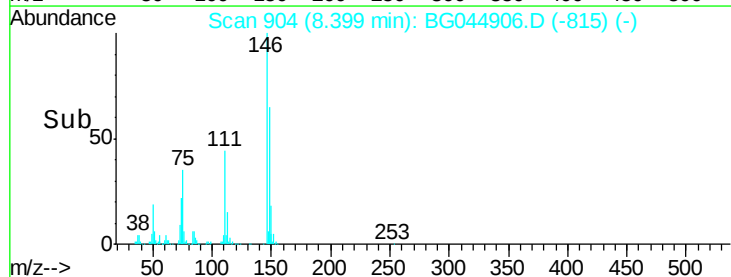
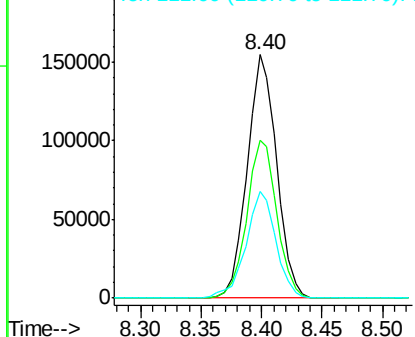


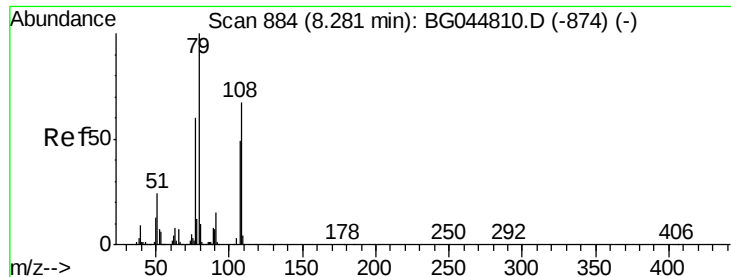
#14
 1,2-Dichlorobenzene
 Concen: 40.20 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:146 Resp: 261894
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.1 78.1
 111 43.9 33.4 50.2



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





#15

Benzyl Alcohol

Concen: 42.33 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

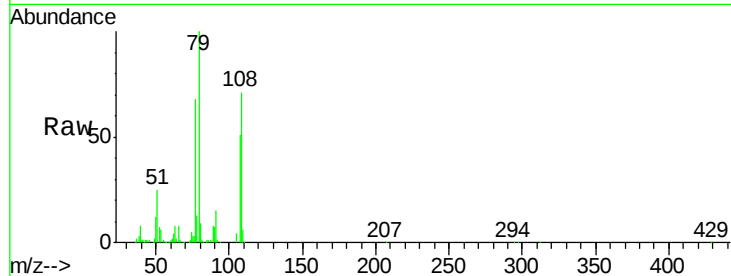
Tgt Ion: 79 Resp: 278818

Ion Ratio Lower Upper

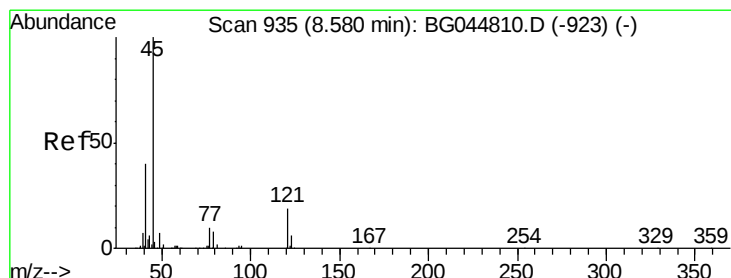
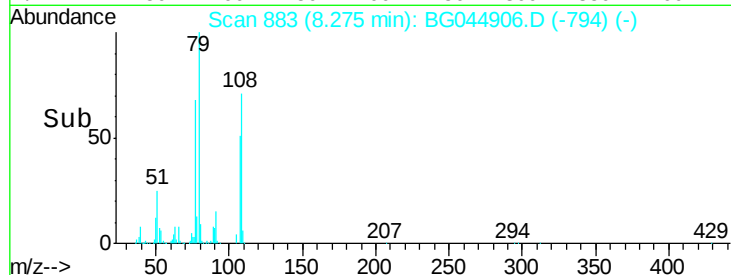
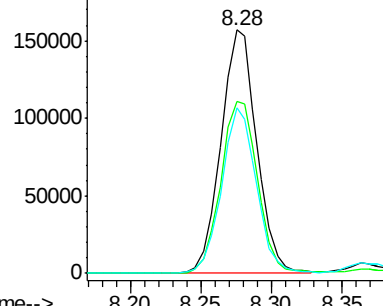
79 100

108 70.8 53.8 80.8

77 68.0 47.8 71.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.78 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

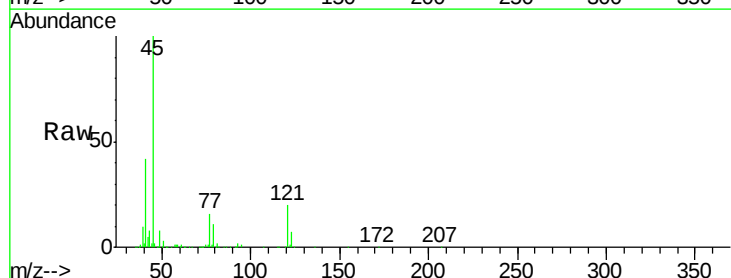
Tgt Ion: 45 Resp: 386604

Ion Ratio Lower Upper

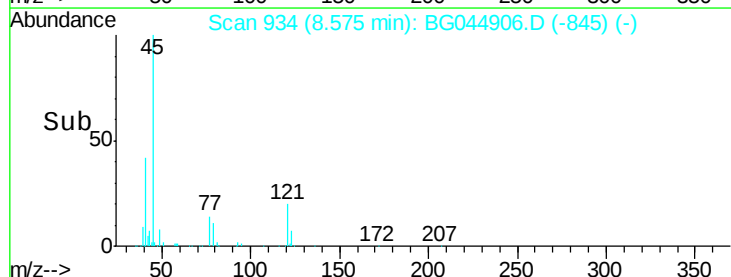
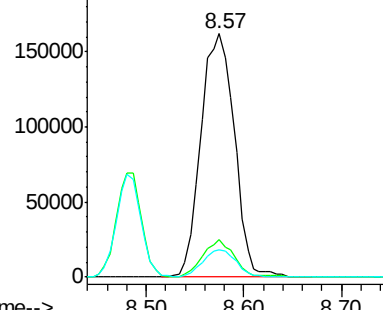
45 100

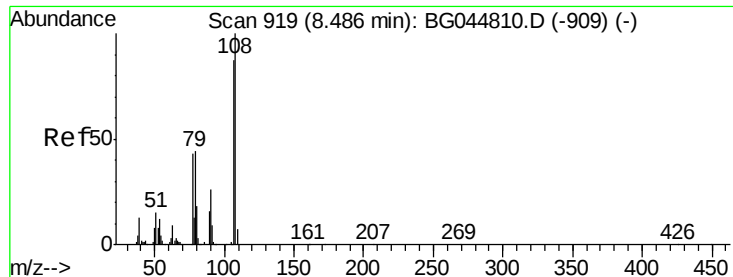
77 15.5 0.0 33.9

79 11.3 0.0 30.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

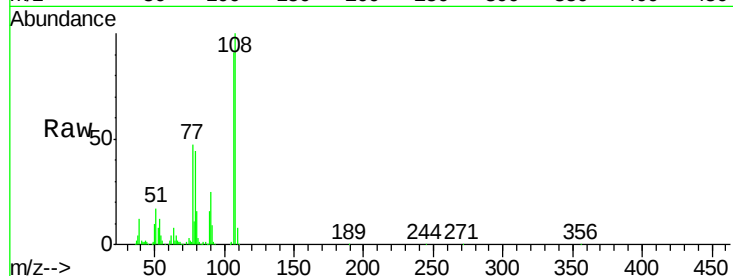




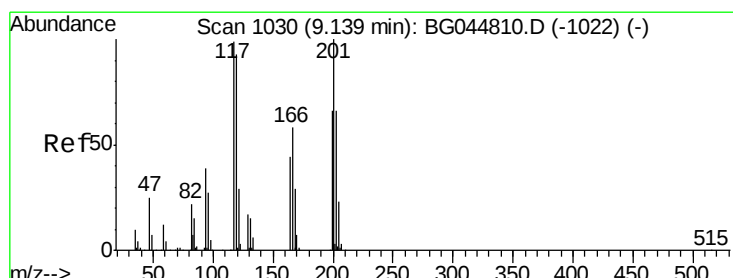
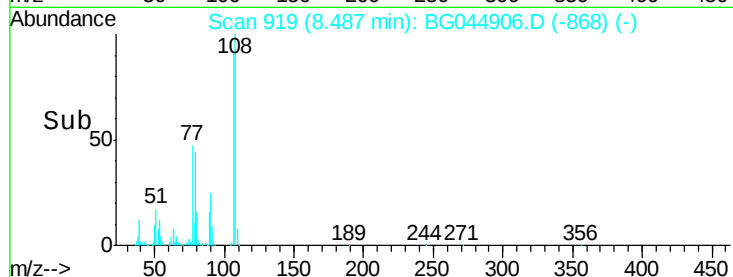
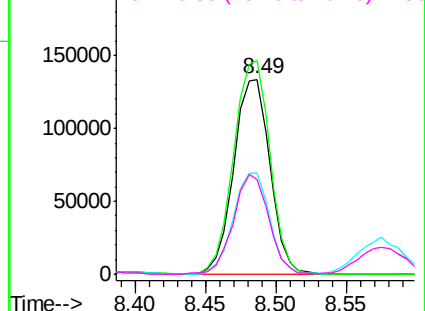
#17
2-Methylphenol
Concen: 43.62 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tgt Ion:	107	Resp:	240104
Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.8	137.8
77	52.1	40.0	60.0
79	48.5	40.2	60.2

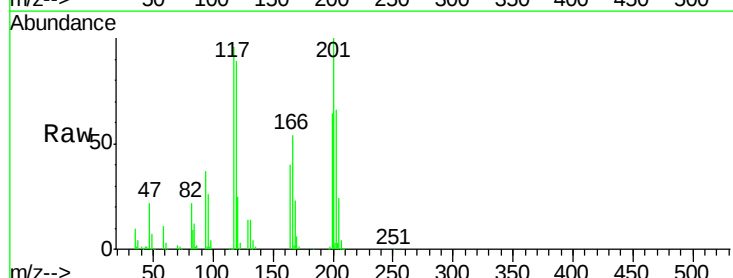


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

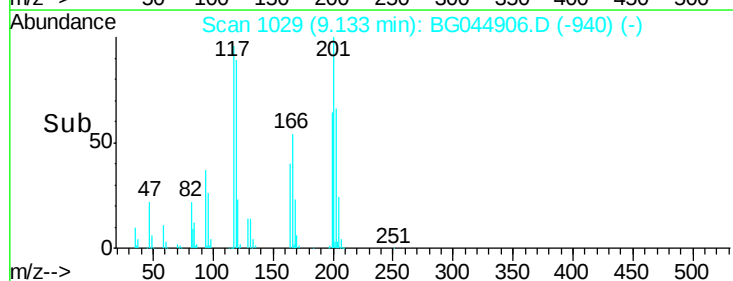
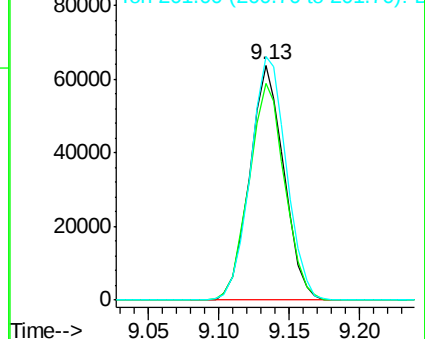


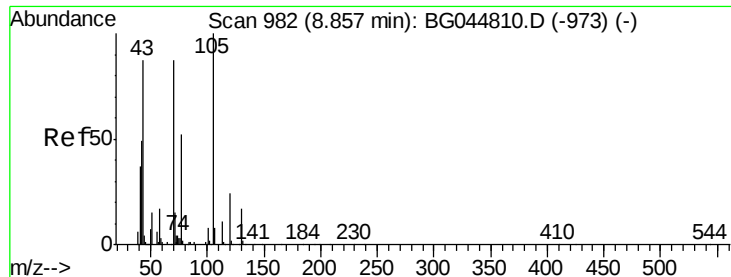
#18
Hexachloroethane
Concen: 40.14 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:	117	Resp:	108543
Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.2	112.8
201	103.7	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

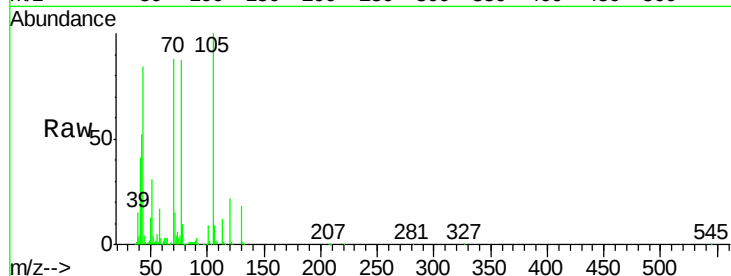




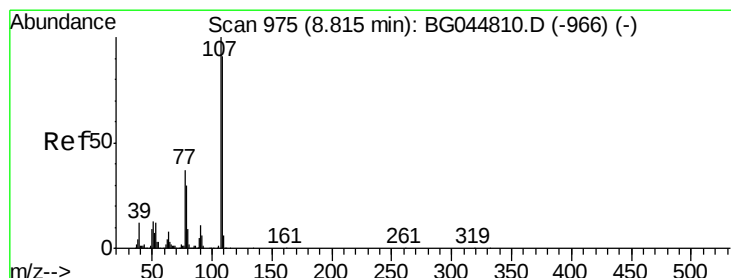
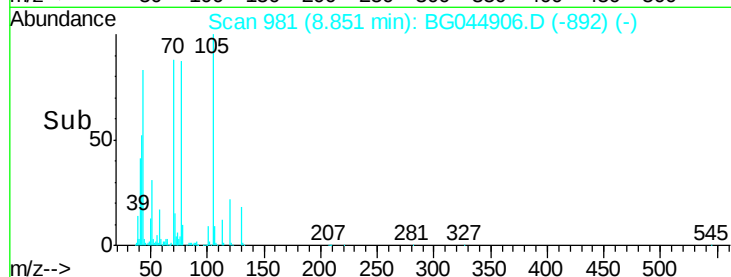
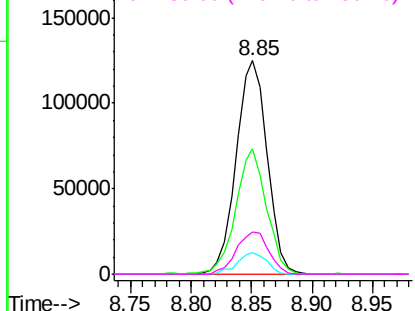
#19
n-Nitroso-di-n-propylamine
Concen: 38.58 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tgt Ion:	70	Resp:	223602
Ion	Ratio	Lower	Upper
70	100		
42	58.5	45.7	68.5
101	10.0	7.4	11.2
130	20.0	15.9	23.9

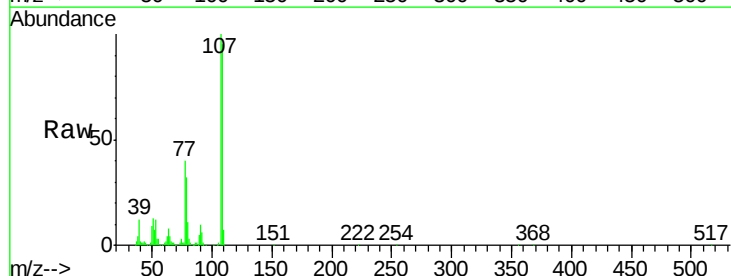


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

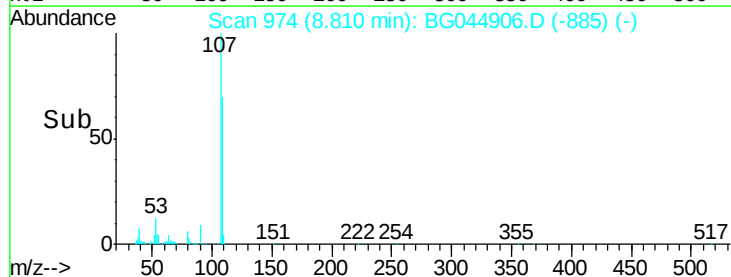
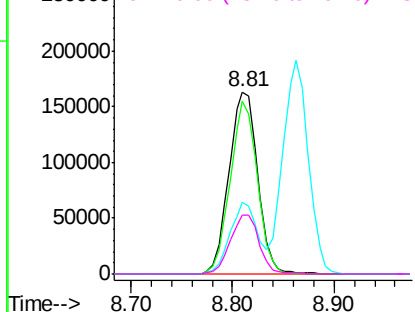


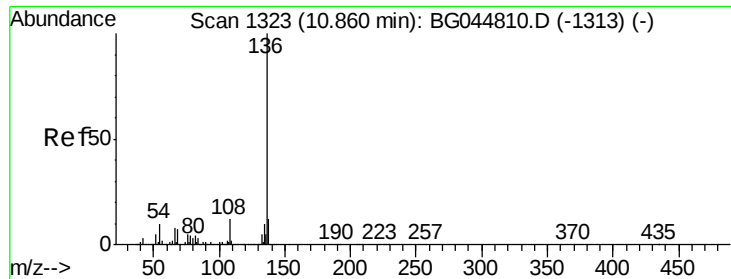
#20
3+4-Methylphenols
Concen: 42.25 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:	107	Resp:	320604
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.3	111.3
77	39.5	16.9	56.9
79	32.4	9.7	49.7



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

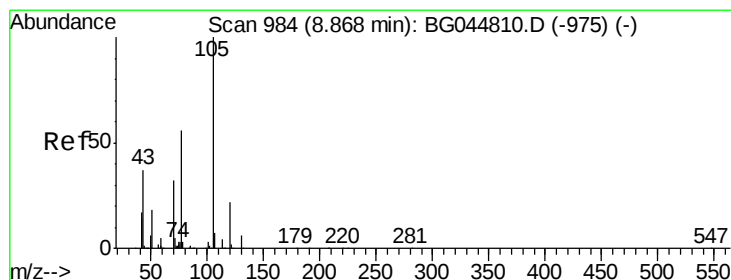
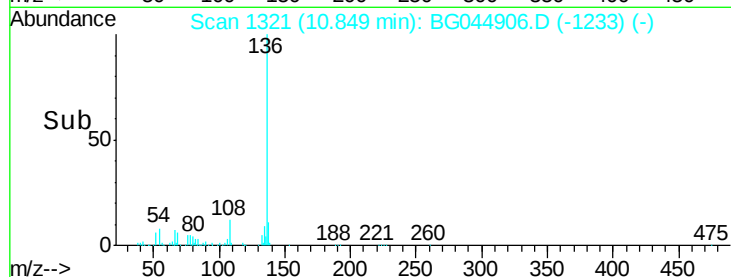
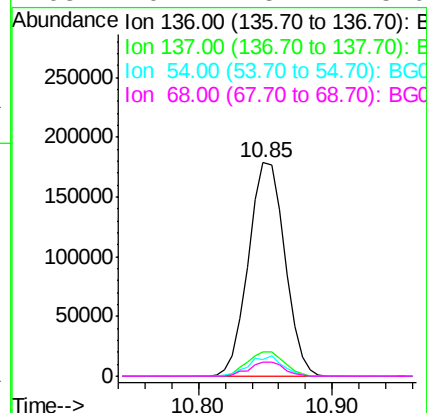
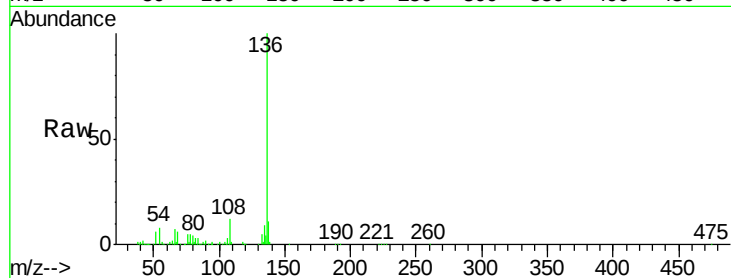




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

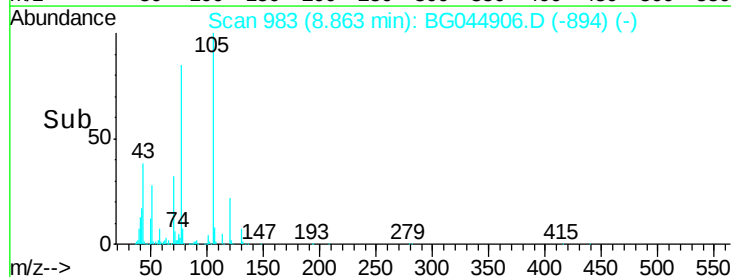
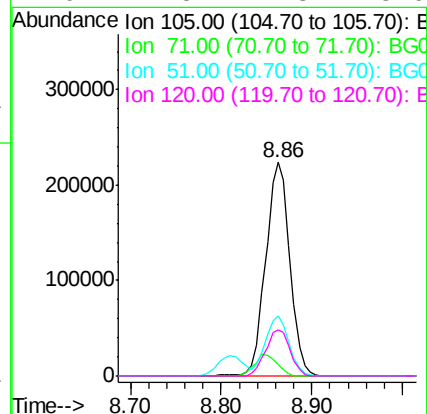
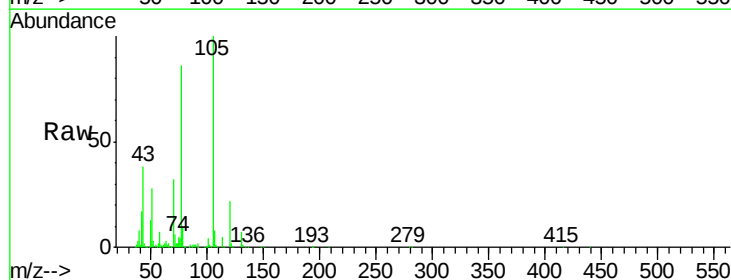
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

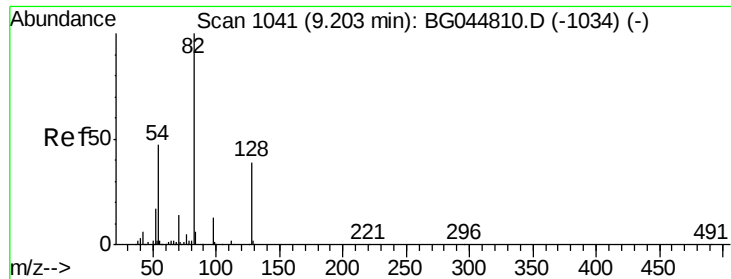
Tgt Ion:	136	Resp:	337025
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	7.9	7.9	11.9#
68	6.4	5.4	8.0



#22
Acetophenone
Concen: 43.36 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:	105	Resp:	414013
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.9	5.9
51	28.3	22.6	33.8
120	21.8	17.3	25.9

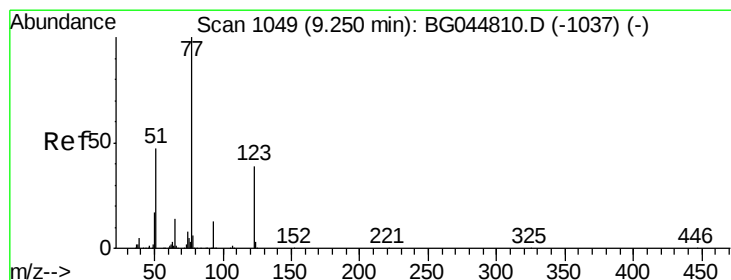
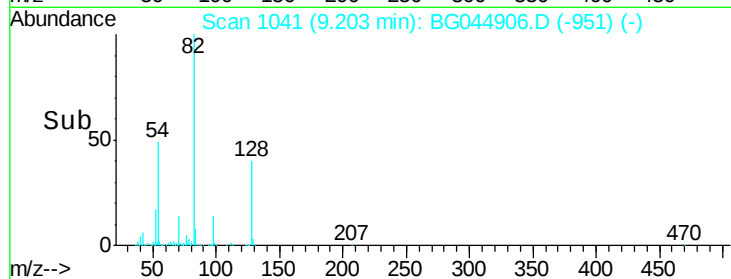
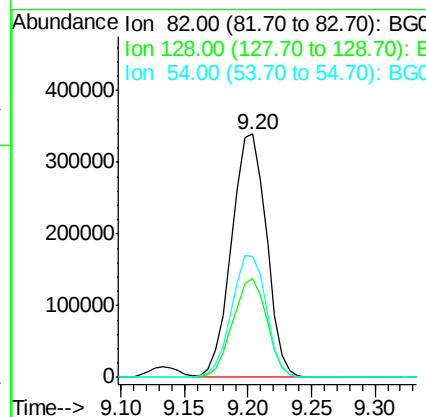
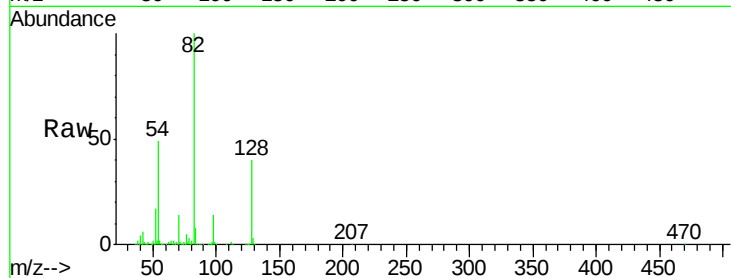




#23
 Nitrobenzene-d5
 Concen: 84.35 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

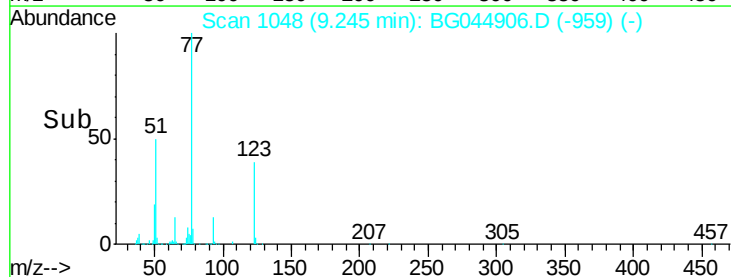
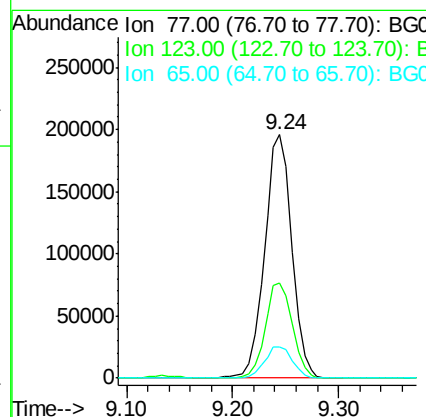
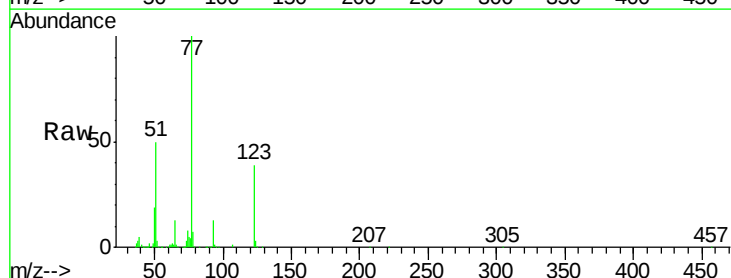
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

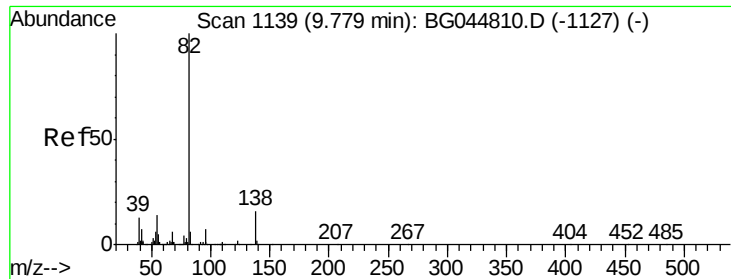
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.6	46.0
54	49.5	37.1	55.7



#24
 Nitrobenzene
 Concen: 43.86 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.3	46.9
65	13.0	11.4	17.0





#25

Isophorone

Concen: 41.75 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

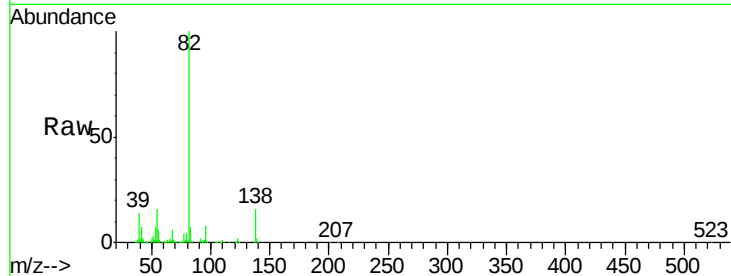
Tgt Ion: 82 Resp: 625780

Ion Ratio Lower Upper

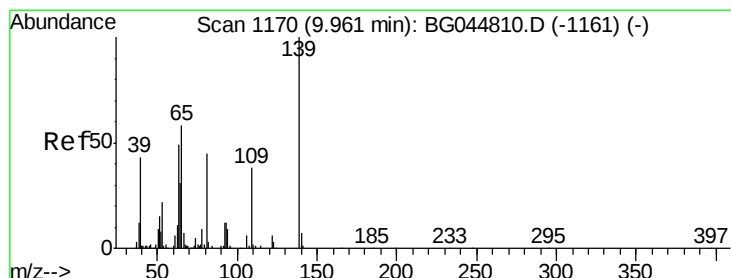
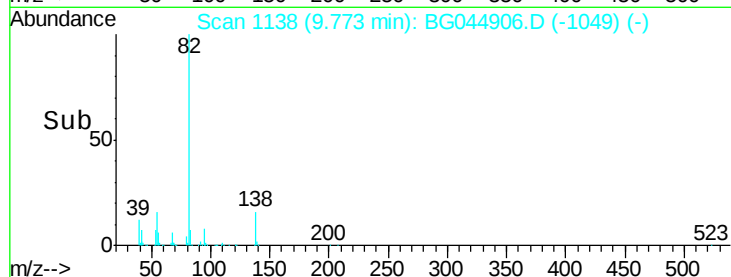
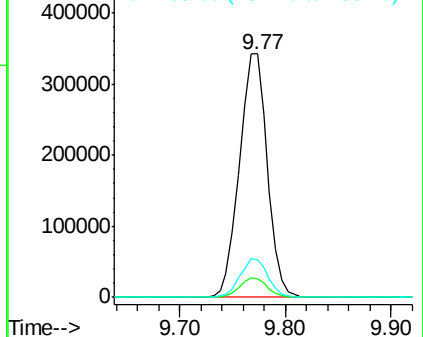
82 100

95 7.8 5.5 8.3

138 15.5 12.5 18.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 53.12 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

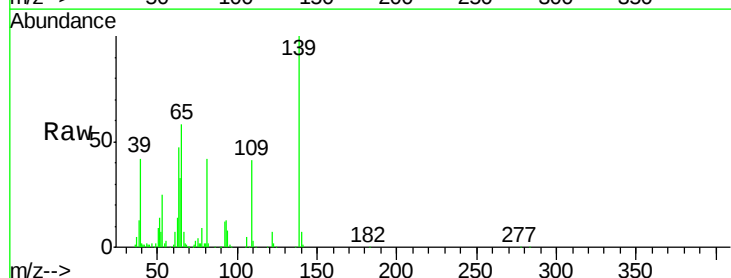
Tgt Ion: 139 Resp: 148809

Ion Ratio Lower Upper

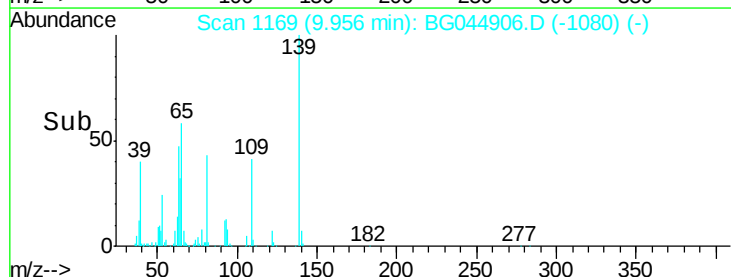
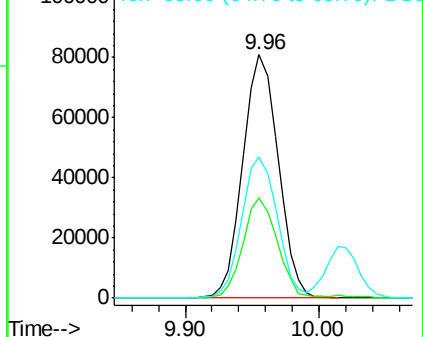
139 100

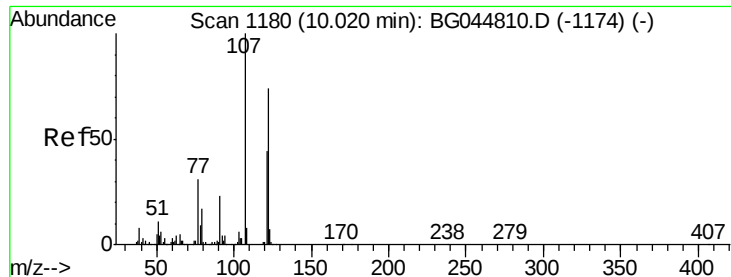
109 41.2 30.2 45.4

65 58.2 46.3 69.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

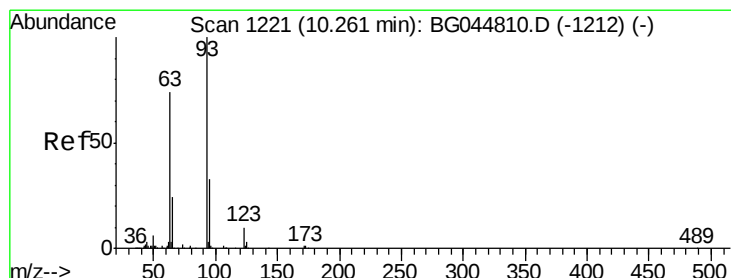
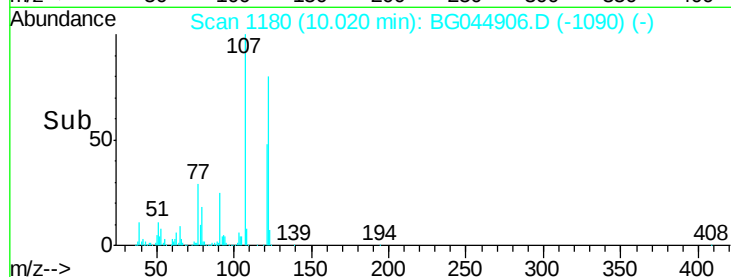
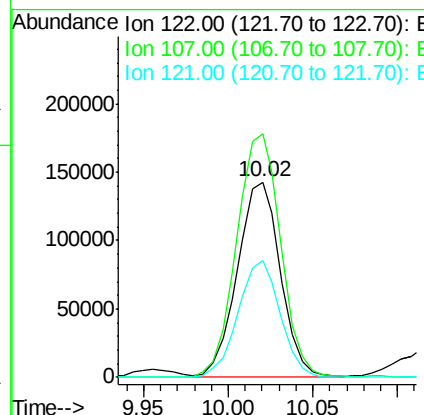
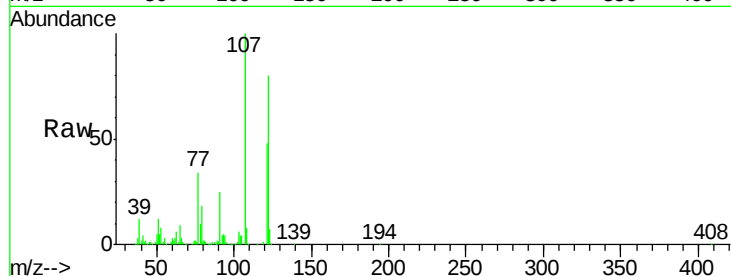




#27
 2,4-Dimethylphenol
 Concen: 51.40 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

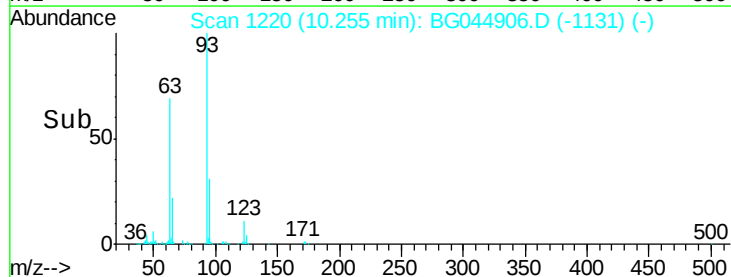
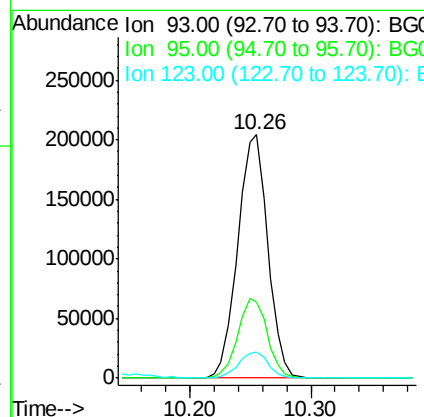
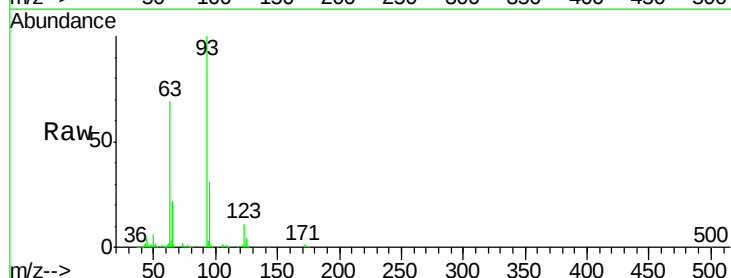
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

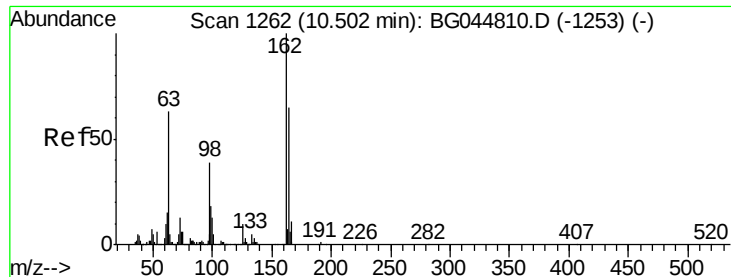
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.8	107.1	160.7
121	59.6	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.63 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.4	39.6
123	10.6	8.4	12.6

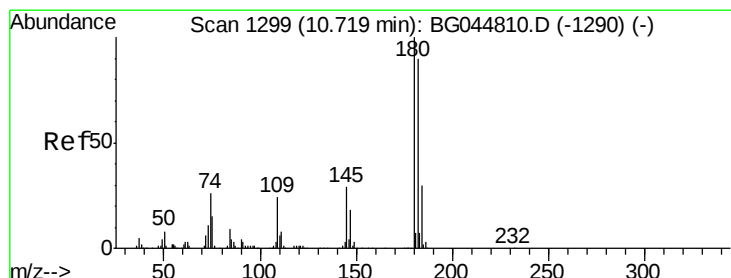
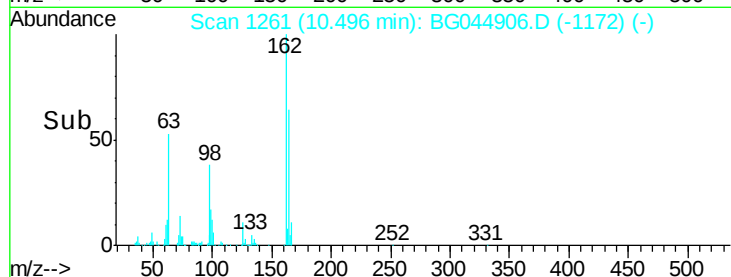
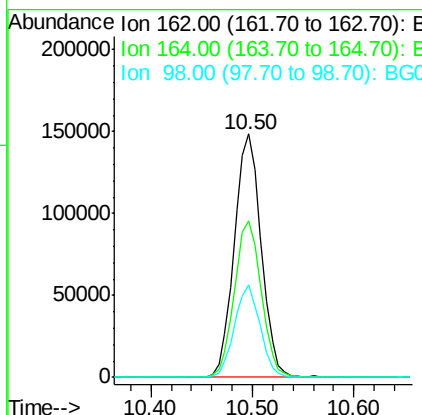
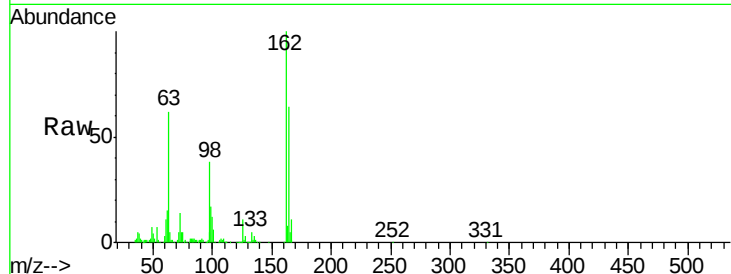




#29
 2,4-Dichlorophenol
 Concen: 47.89 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

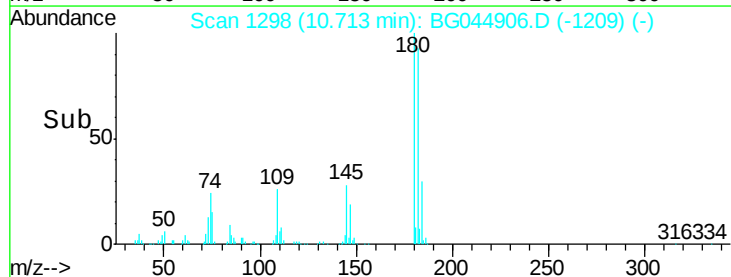
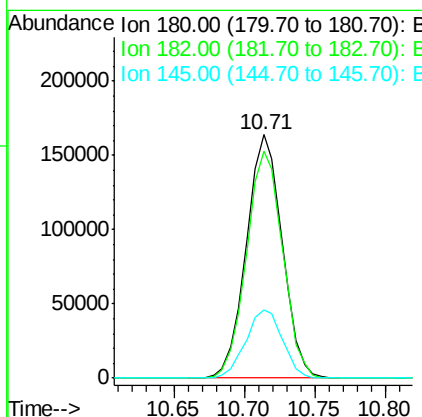
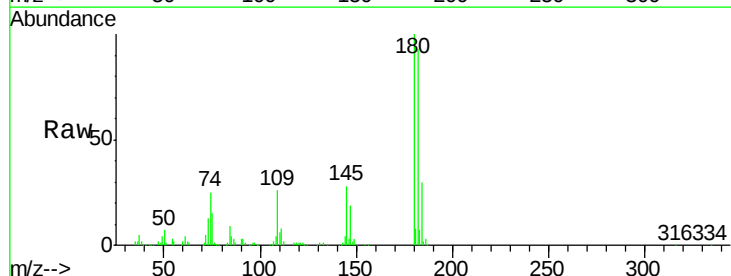
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

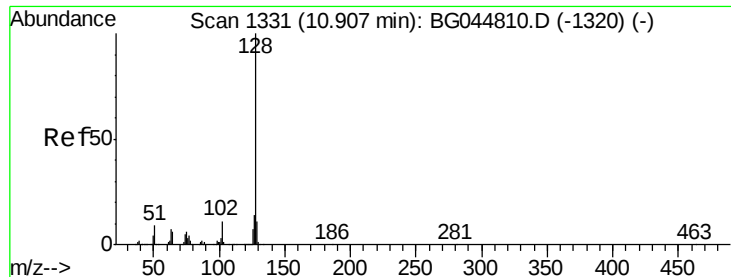
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.2	85.2
98	38.3	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.83 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	71.6	107.4
145	28.3	23.4	35.0

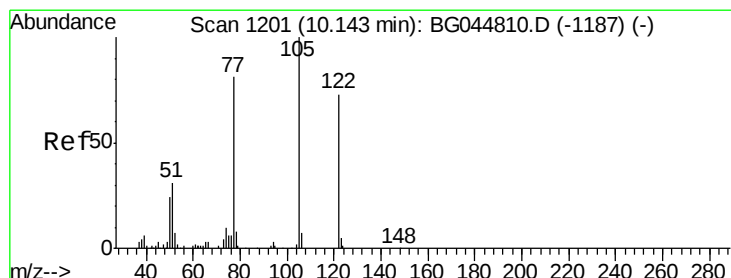
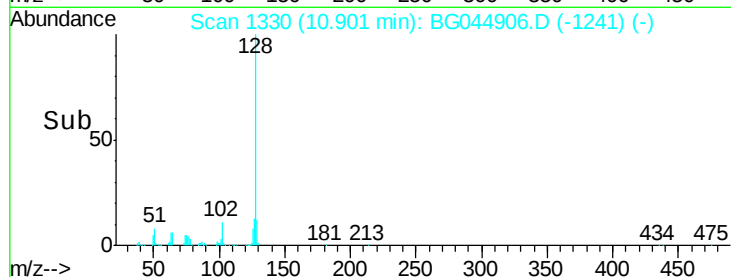
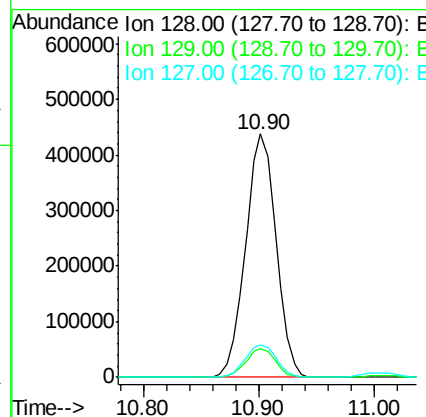
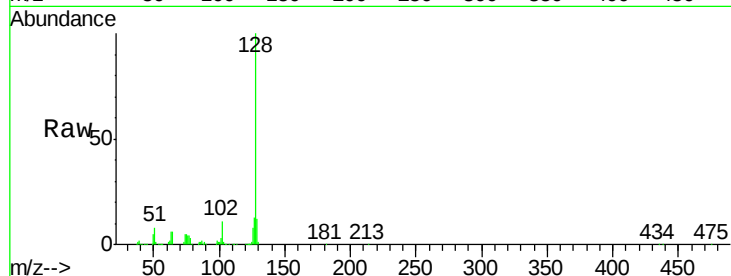




#31
Naphthalene
Concen: 43.06 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

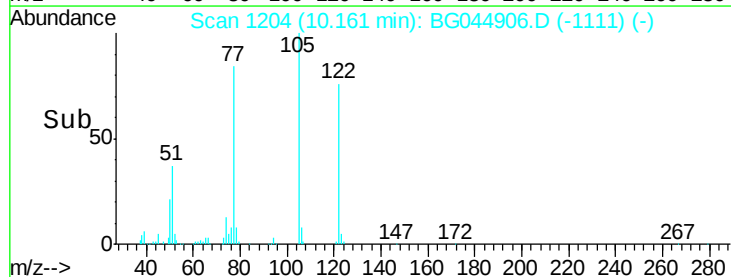
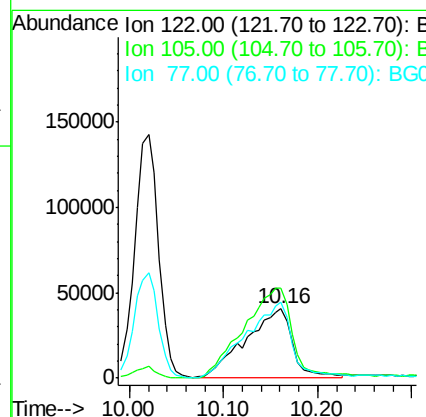
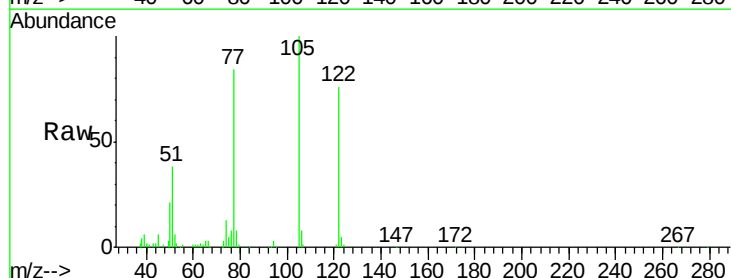
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

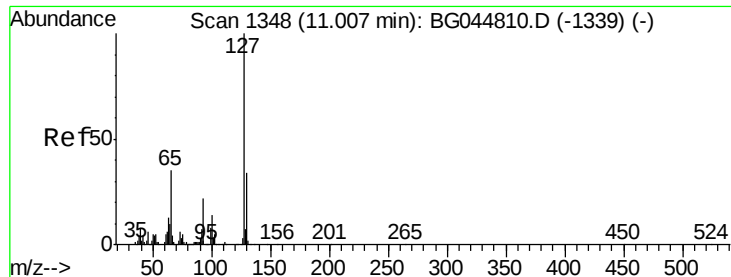
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	13.5	10.8	16.2



#32
Benzoic acid
Concen: 38.83 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.7	109.1	149.1
77	110.5	85.3	125.3

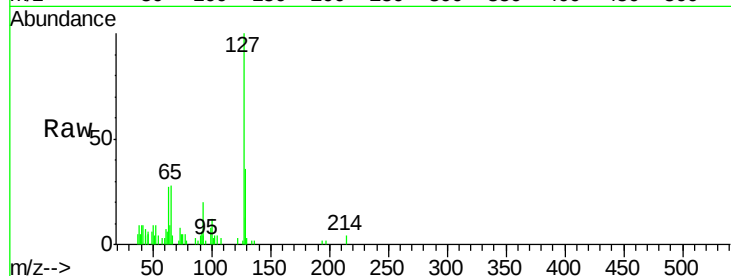




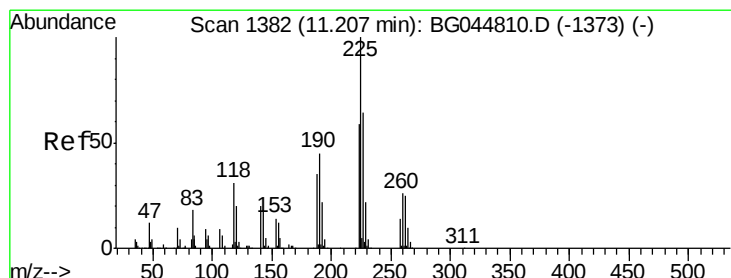
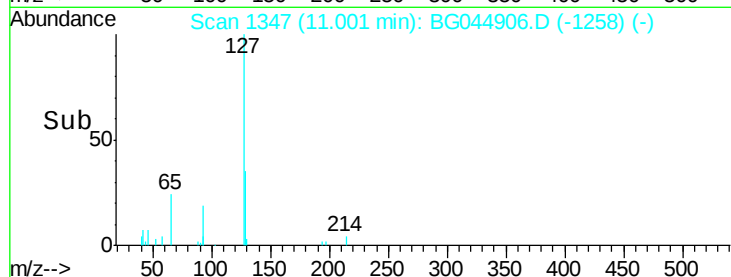
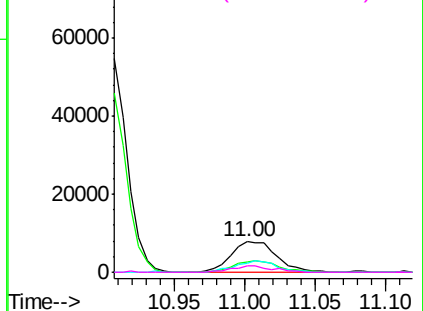
#33
4-Chloroaniline
Concen: 2.10 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tgt Ion:	127	Resp:	17668
Ion	Ratio	Lower	Upper
127	100		
129	35.7	26.9	40.3
65	28.0	27.7	41.5
92	19.9	17.4	26.2

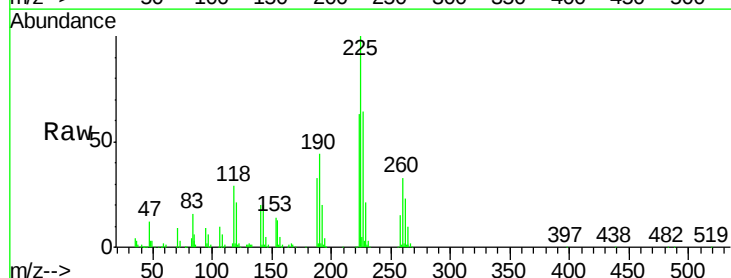


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

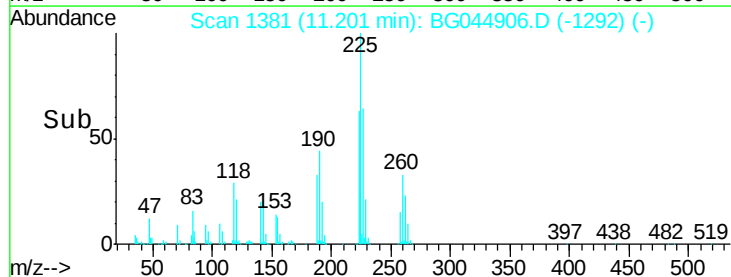
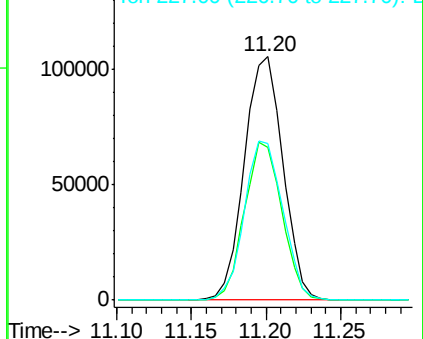


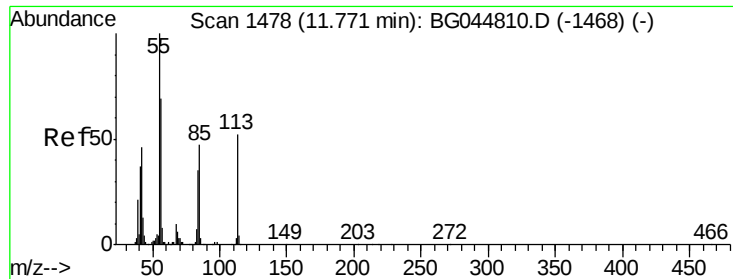
#34
Hexachlorobutadiene
Concen: 42.18 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:	225	Resp:	189087
Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.4	71.0
227	64.5	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: 14.38 ng

RT: 11.82 min Scan# 1486

Delta R.T. 0.05 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

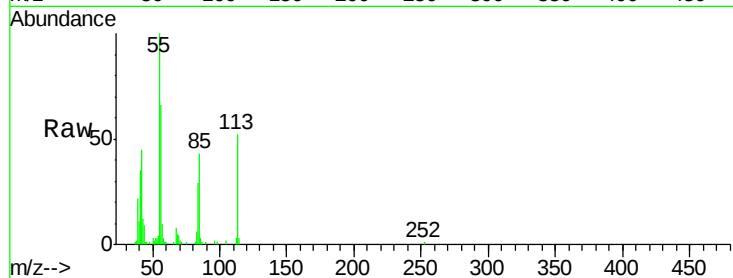
Tgt Ion:113 Resp: 31052

Ion Ratio Lower Upper

113 100

55 191.8 173.8 213.8

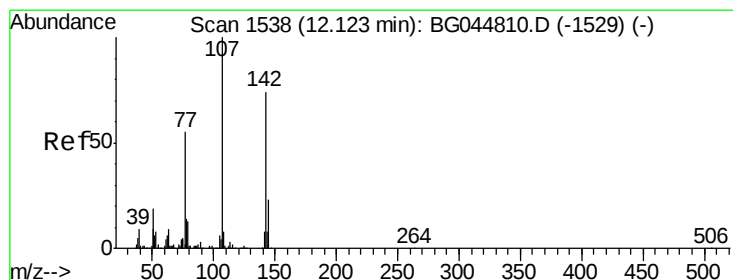
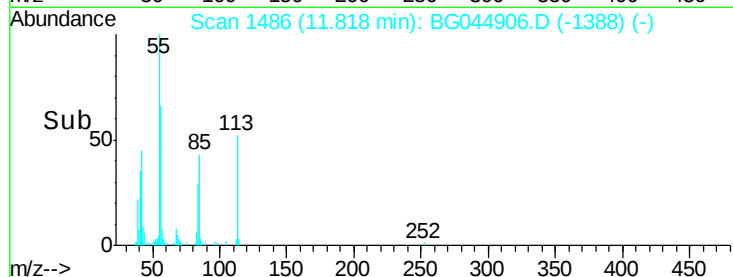
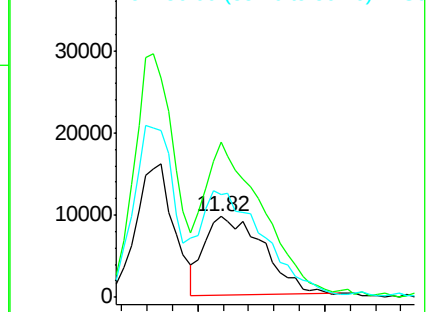
56 127.3 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.18 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

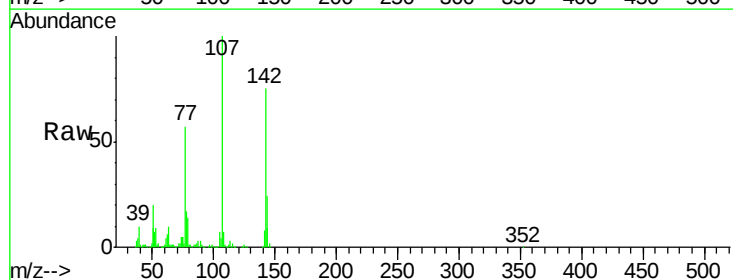
Tgt Ion:107 Resp: 300411

Ion Ratio Lower Upper

107 100

144 23.9 18.0 27.0

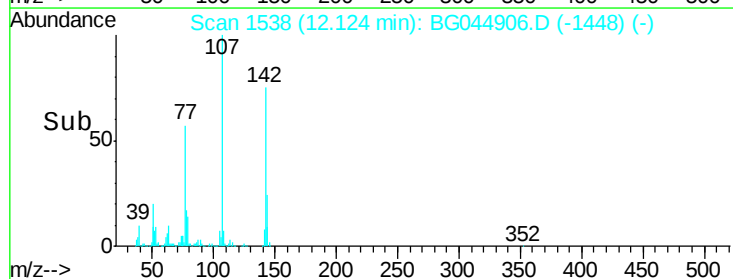
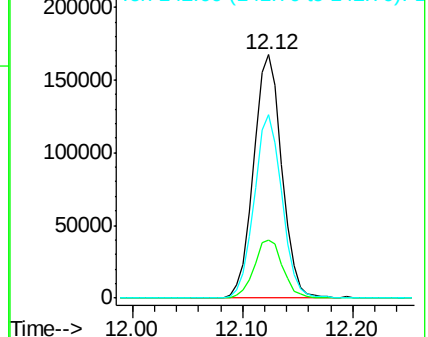
142 75.1 59.0 88.4

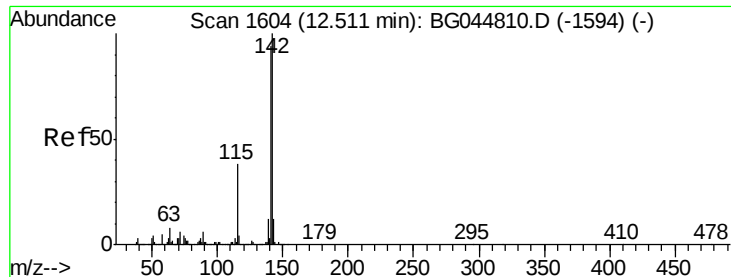


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

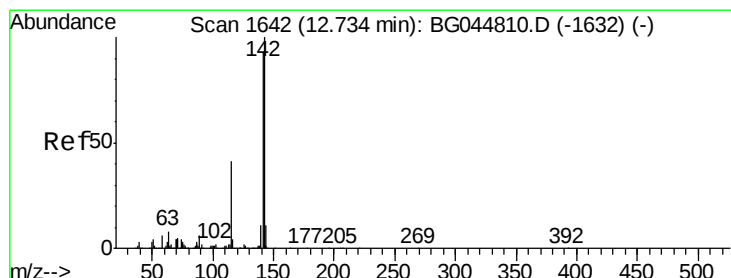
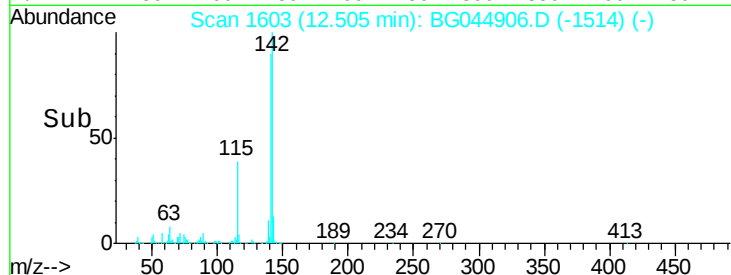
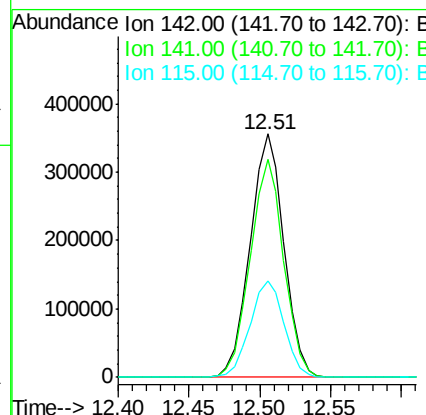
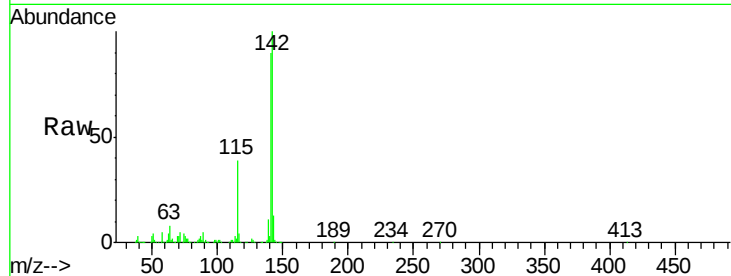




#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

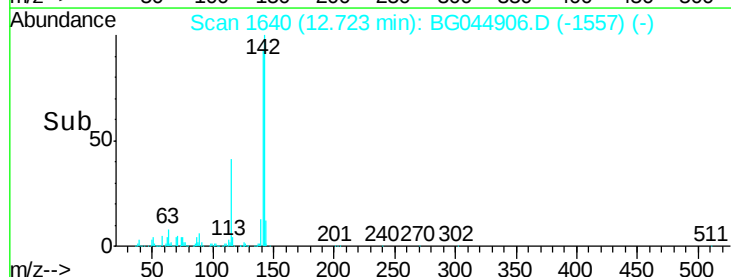
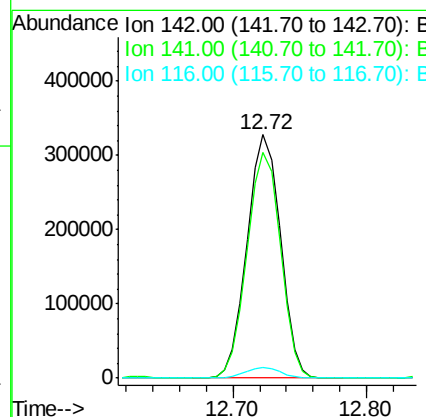
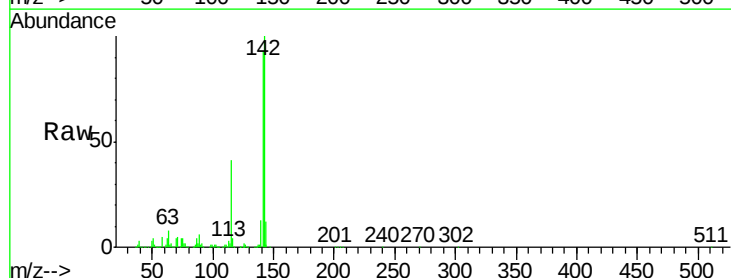
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

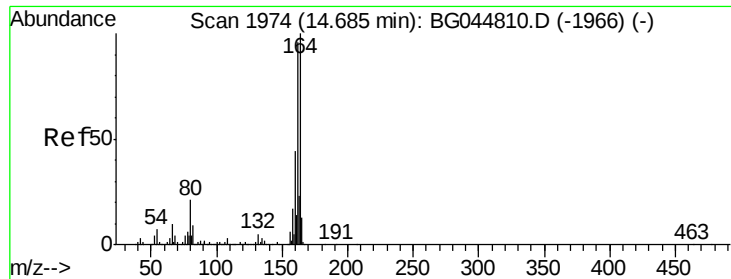
Tgt Ion:142 Resp: 596023
Ion Ratio Lower Upper
142 100
141 89.7 75.1 112.7
115 39.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.15 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:142 Resp: 566552
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1
116 4.2 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

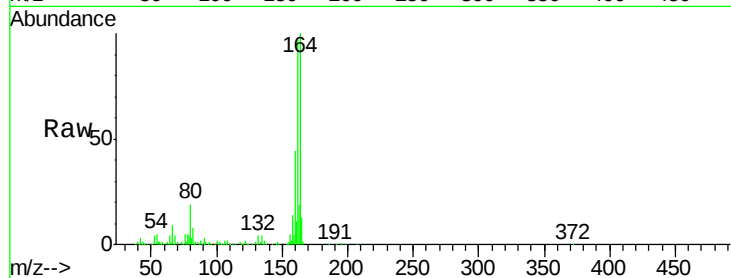
Tgt Ion:164 Resp: 231618

Ion Ratio Lower Upper

164 100

162 96.5 76.7 115.1

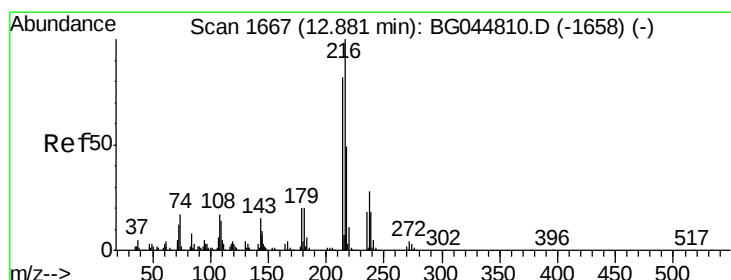
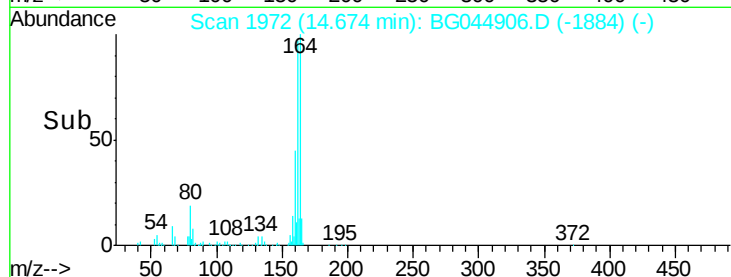
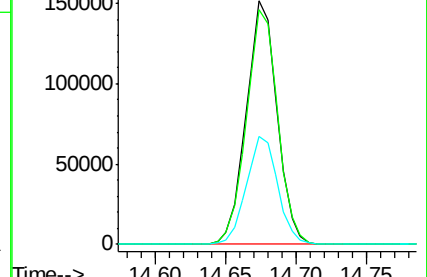
160 44.5 35.0 52.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.90 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:216 Resp: 319591

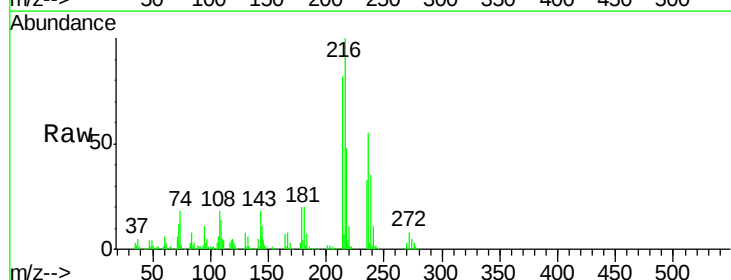
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 20.5 16.2 24.2

108 20.2 14.6 22.0

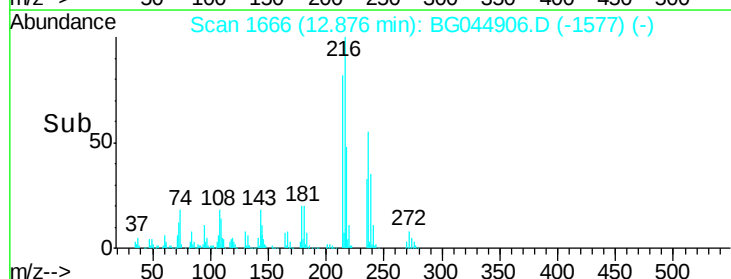
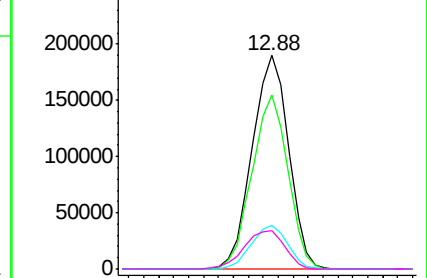


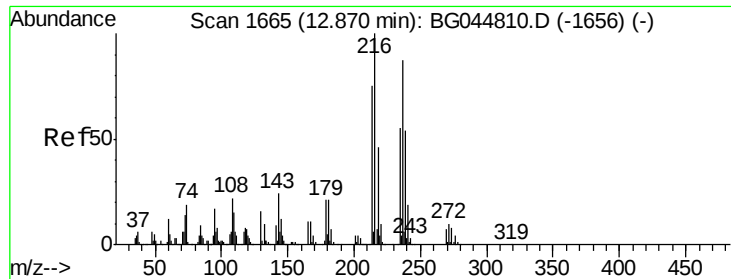
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 94.22 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

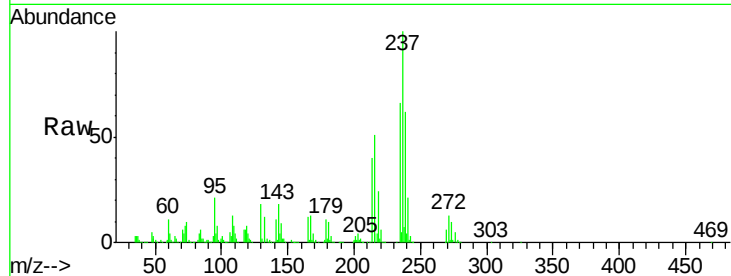
Tgt Ion:237 Resp: 392780

Ion Ratio Lower Upper

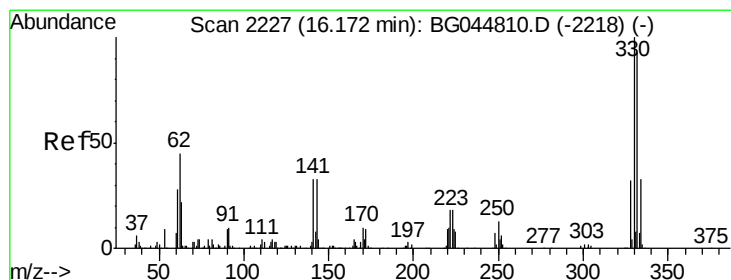
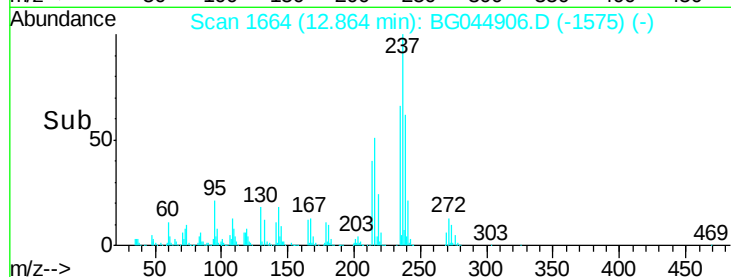
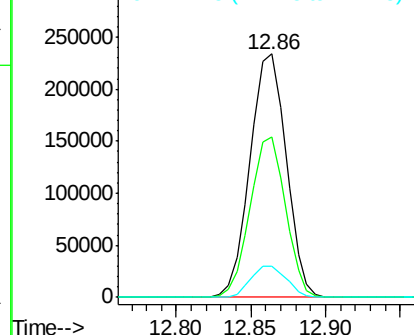
237 100

235 65.7 42.9 82.9

272 12.9 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.26 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

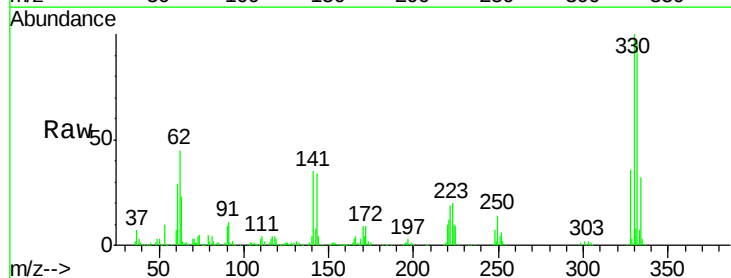
Tgt Ion:330 Resp: 410212

Ion Ratio Lower Upper

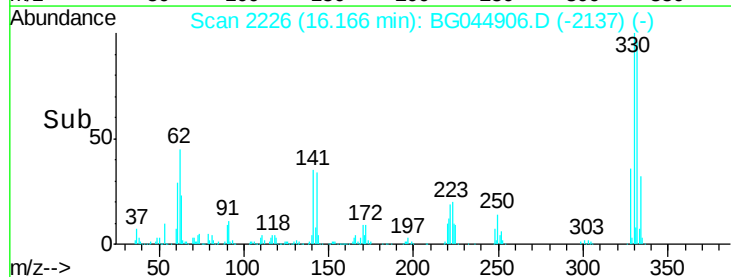
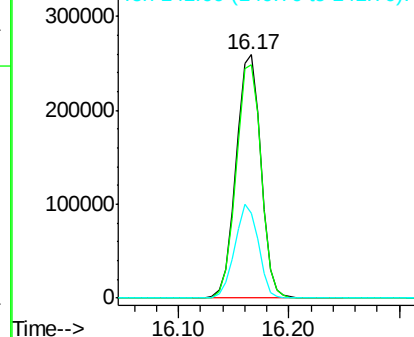
330 100

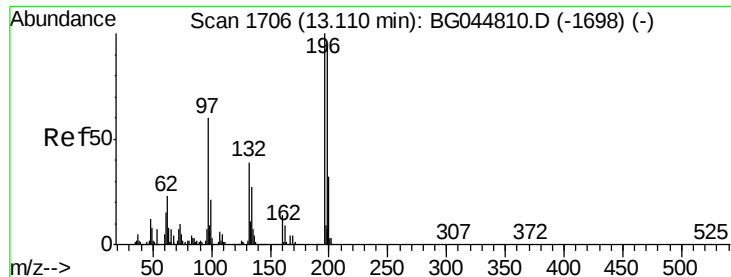
332 96.5 77.8 116.6

141 36.9 29.5 44.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

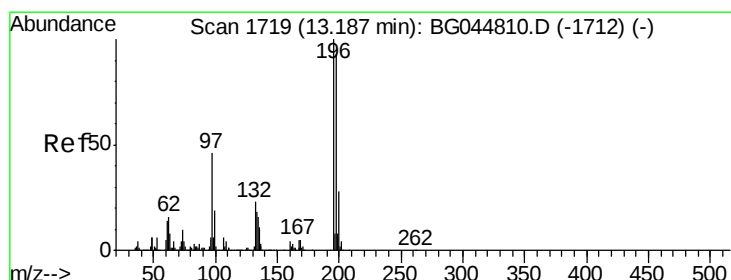
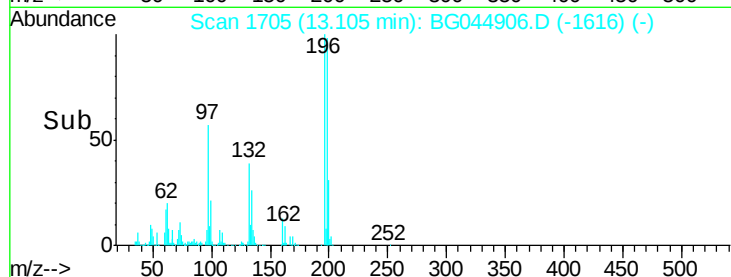
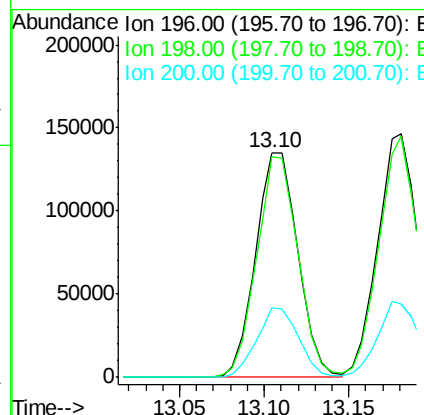
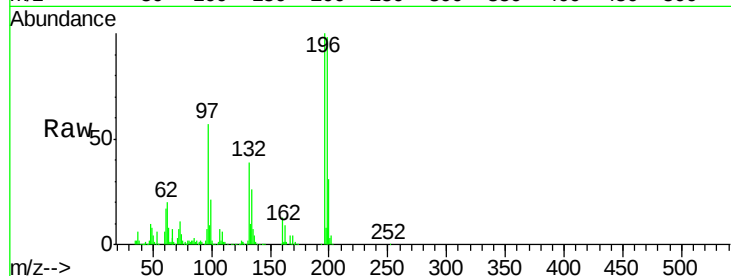




#43
 2,4,6-Trichlorophenol
 Concen: 46.43 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

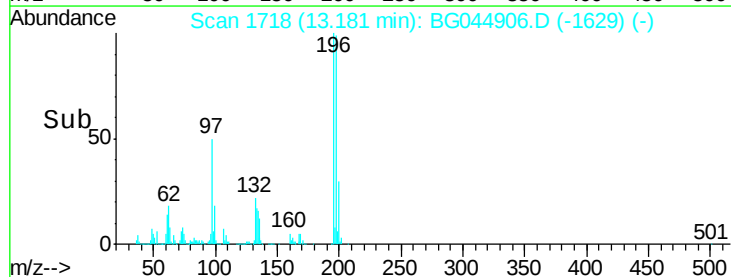
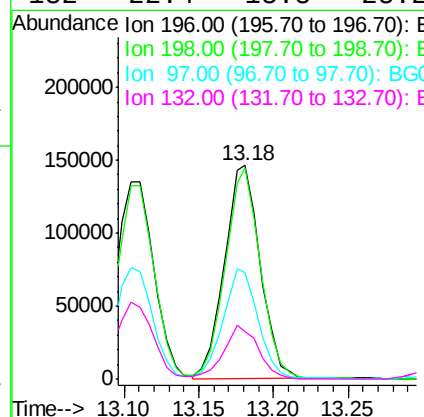
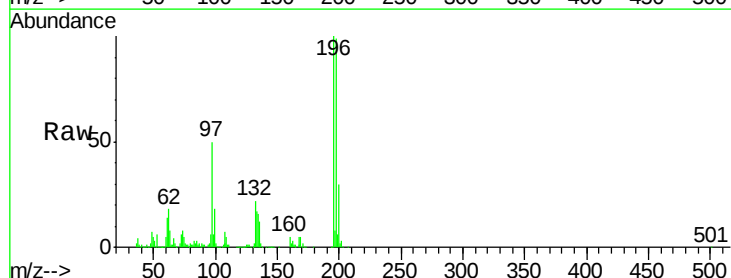
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

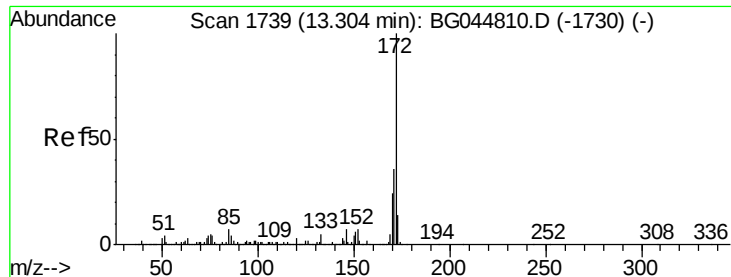
Tgt Ion:196 Resp: 235053
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.9 112.3
 200 31.0 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.71 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:196 Resp: 245200
 Ion Ratio Lower Upper
 196 100
 198 99.0 74.2 111.4
 97 50.0 36.7 55.1
 132 22.4 18.8 28.2

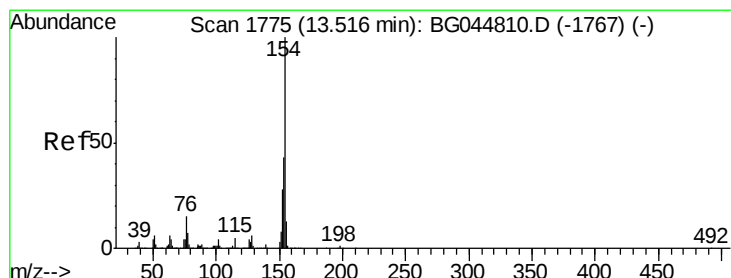
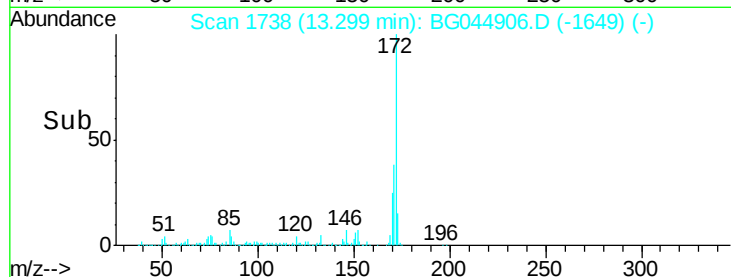
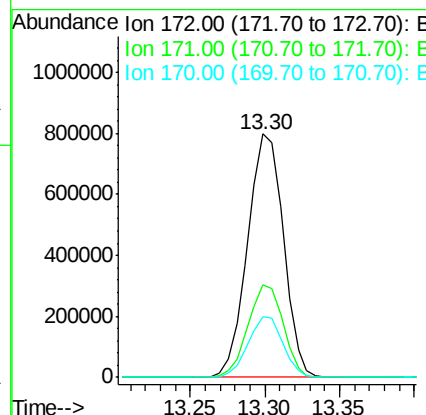
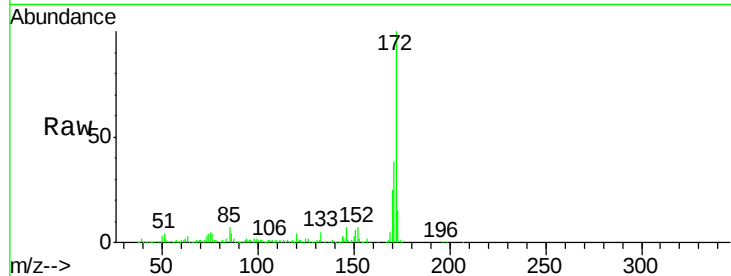




#45
2-Fluorobiphenyl
Concen: 81.87 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

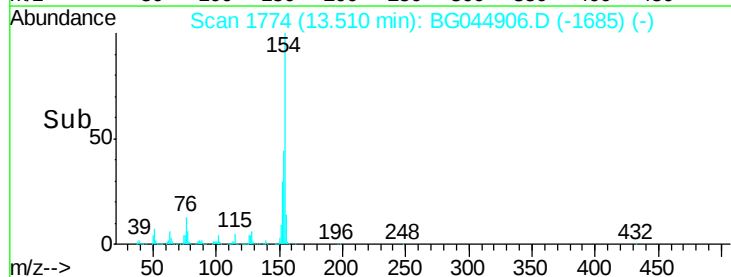
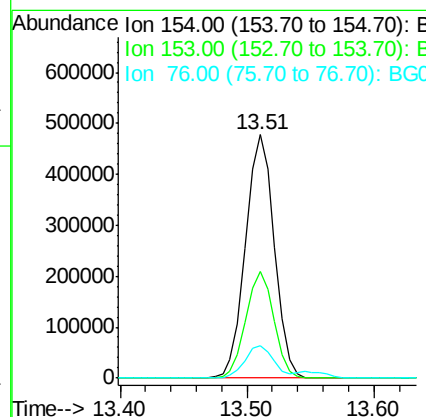
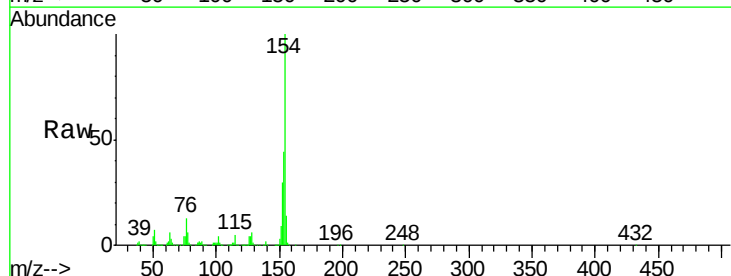
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

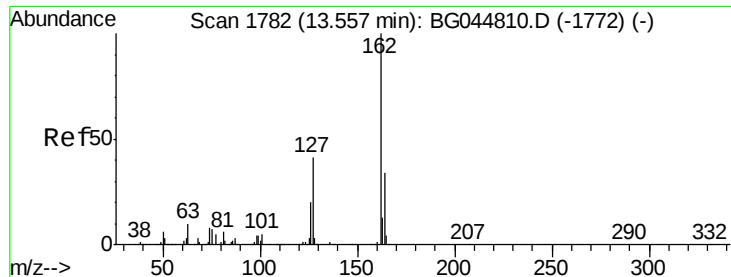
Tgt Ion:172 Resp: 1324224
Ion Ratio Lower Upper
172 100
171 38.2 28.7 43.1
170 24.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.50 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:154 Resp: 749538
Ion Ratio Lower Upper
154 100
153 43.9 22.9 62.9
76 13.2 0.0 34.6

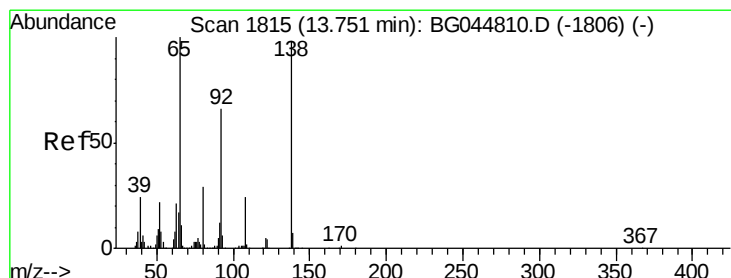
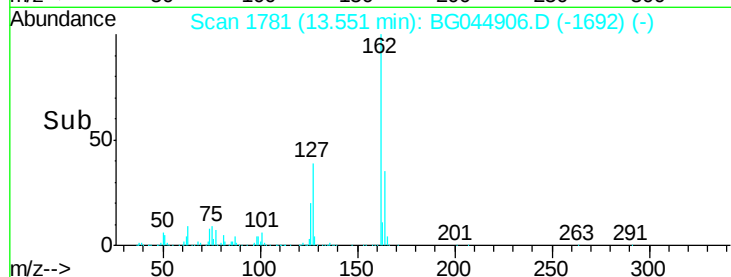
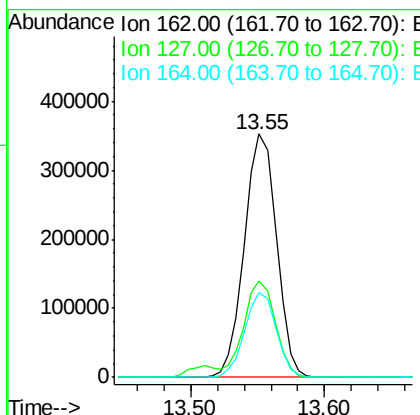
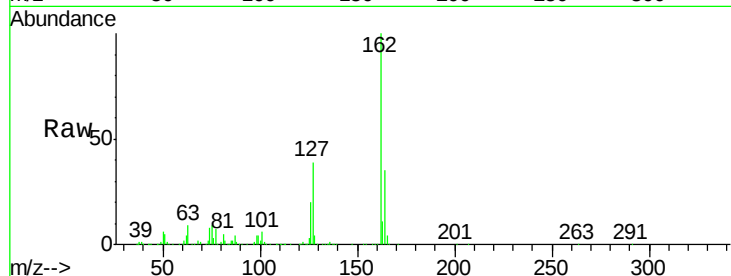




#47
 2-Chloronaphthalene
 Concen: 41.41 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

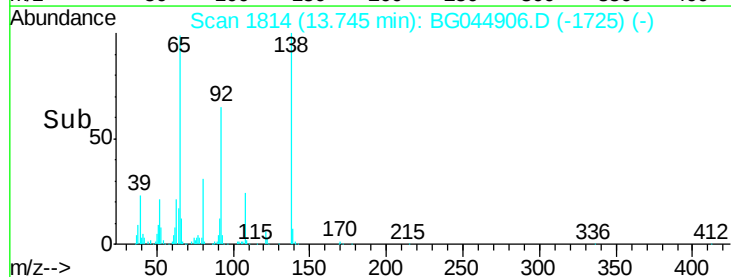
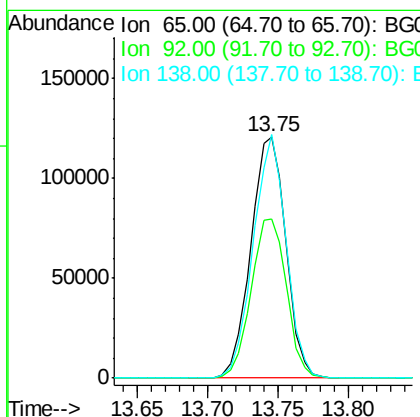
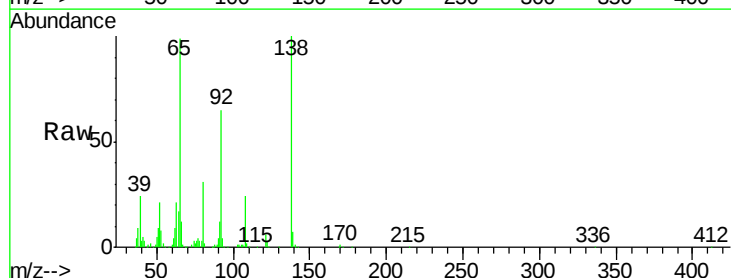
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

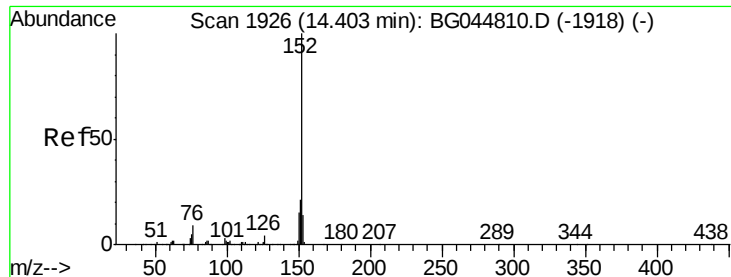
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.1	49.7
164	35.1	27.4	41.2



#48
 2-Nitroaniline
 Concen: 42.48 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	52.6	79.0
138	100.8	78.3	117.5





#49

Acenaphthylene

Concen: 43.00 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

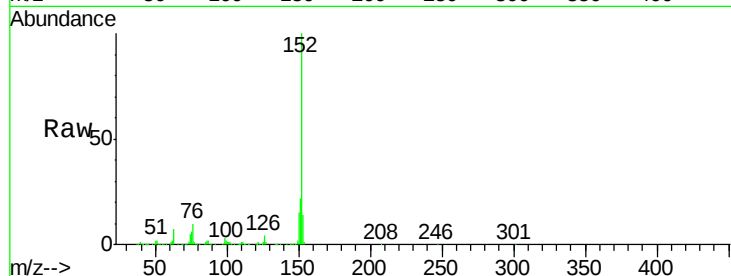
Tgt Ion:152 Resp: 952543

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

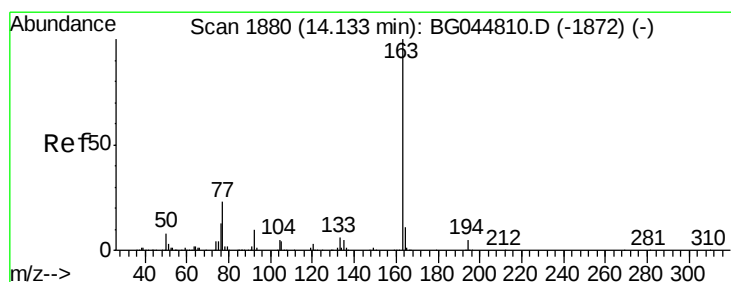
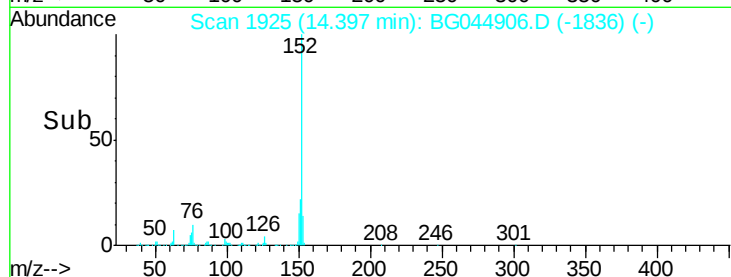
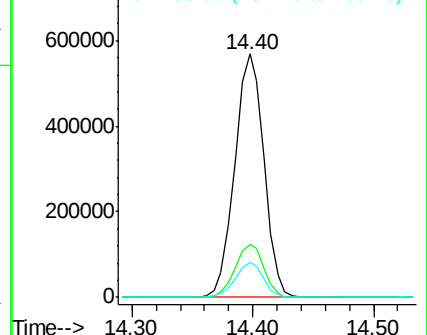
153 14.2 10.8 16.2



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: 42.04 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

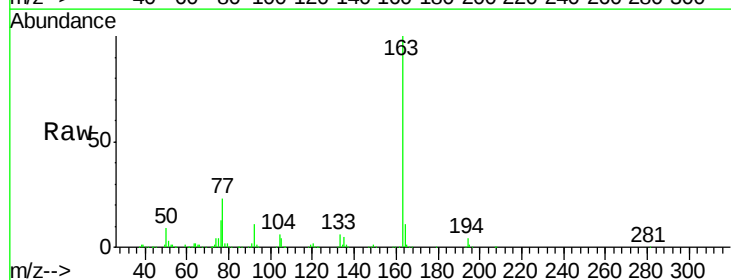
Tgt Ion:163 Resp: 775477

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

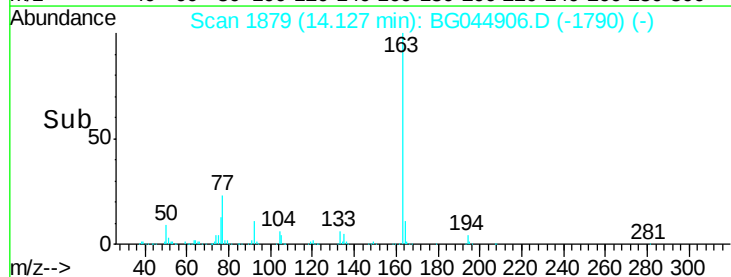
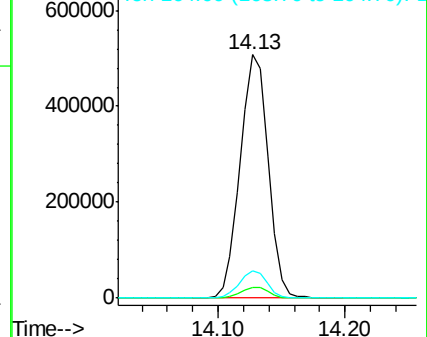
164 11.2 9.1 13.7

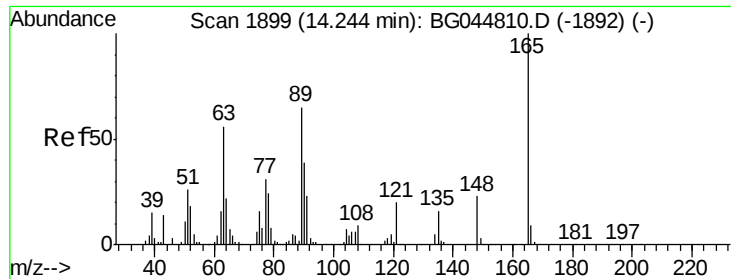


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

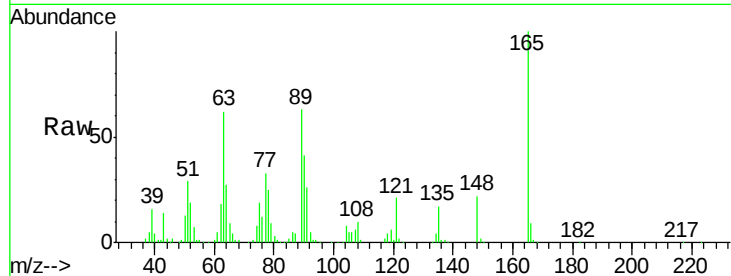




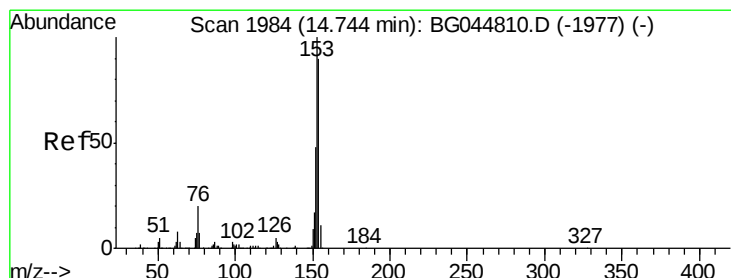
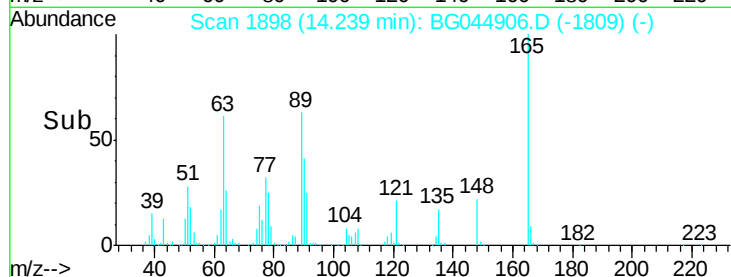
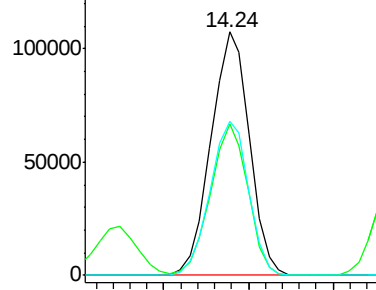
#51
2,6-Dinitrotoluene
Concen: 45.68 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tgt Ion:165 Resp: 169841
Ion Ratio Lower Upper
165 100
63 62.2 45.8 68.8
89 63.1 51.8 77.6

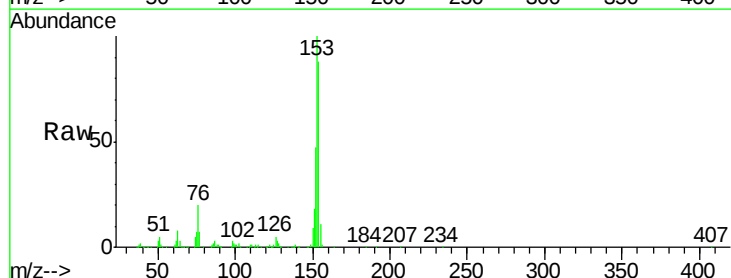


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

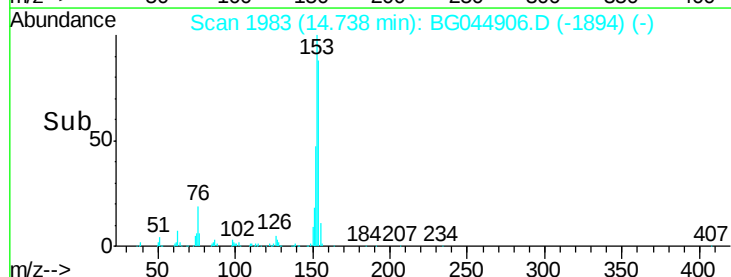
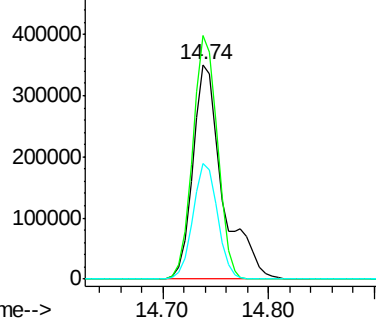


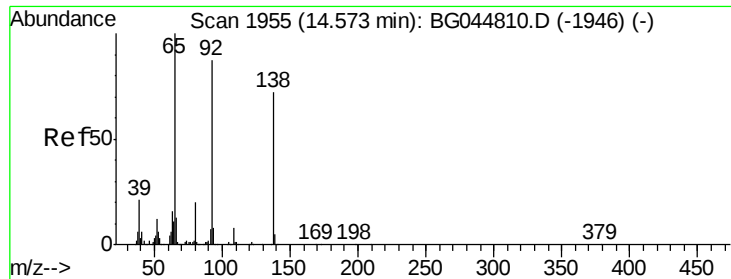
#52
Acenaphthene
Concen: 47.46 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:154 Resp: 688492
Ion Ratio Lower Upper
154 100
153 113.5 89.0 133.6
152 53.8 43.0 64.6



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

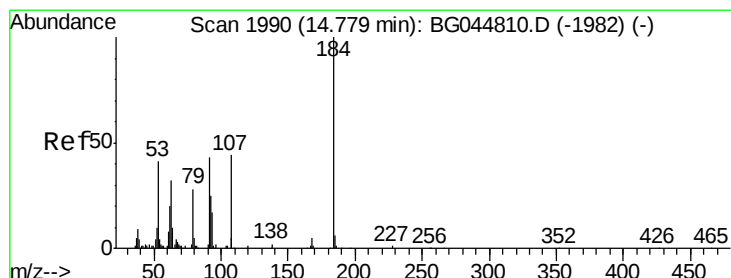
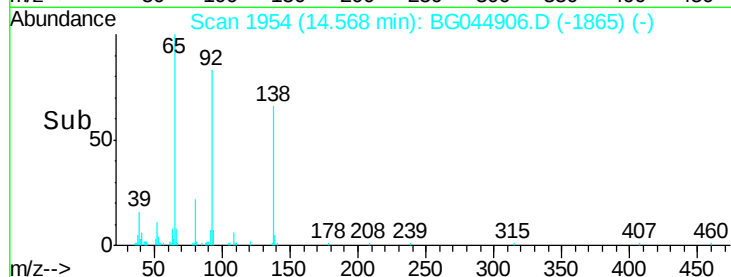
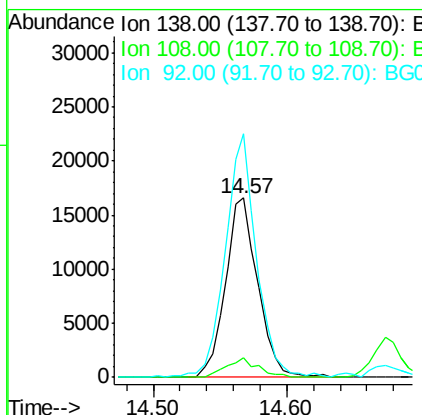
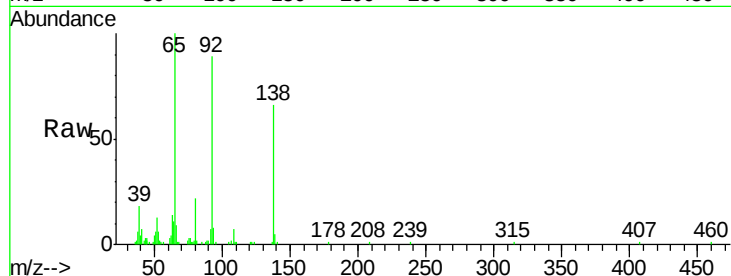




#53
 3-Nitroaniline
 Concen: 6.55 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

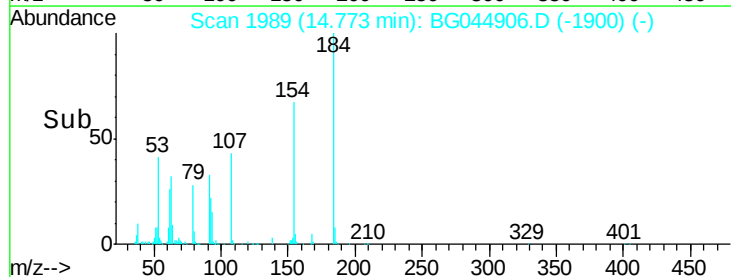
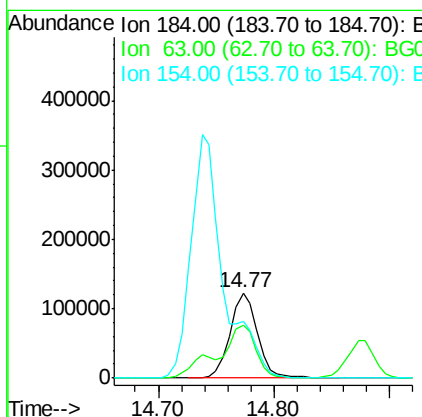
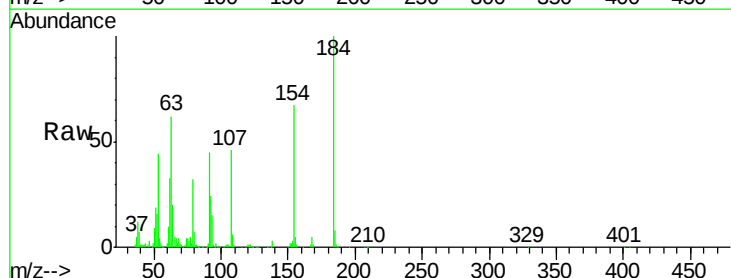
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

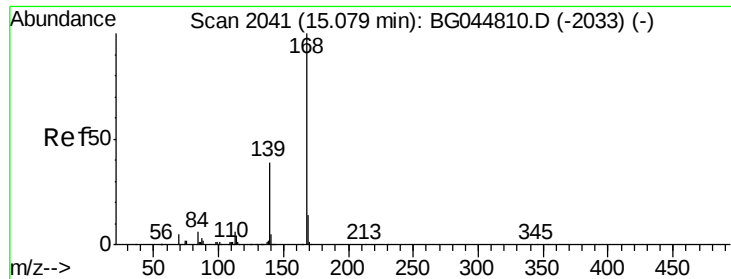
Tgt Ion:138 Resp: 28009
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.0 13.4
 92 135.6 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 101.07 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:184 Resp: 201145
 Ion Ratio Lower Upper
 184 100
 63 61.6 45.5 68.3
 154 66.9 49.1 73.7

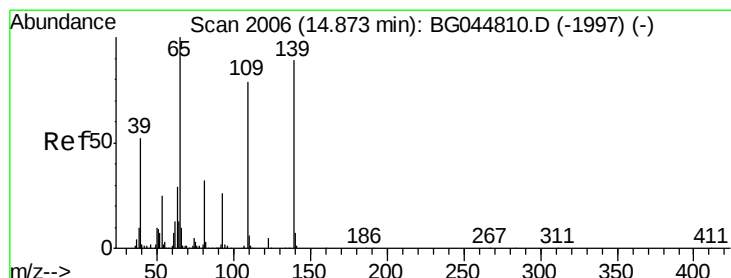
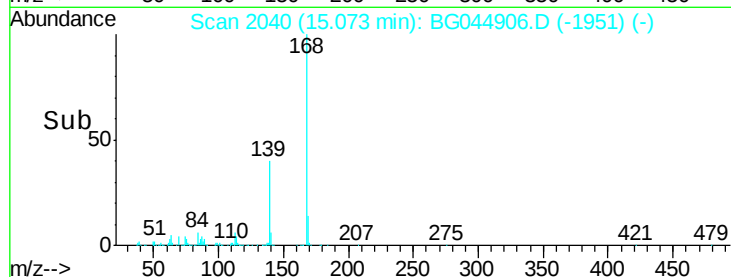
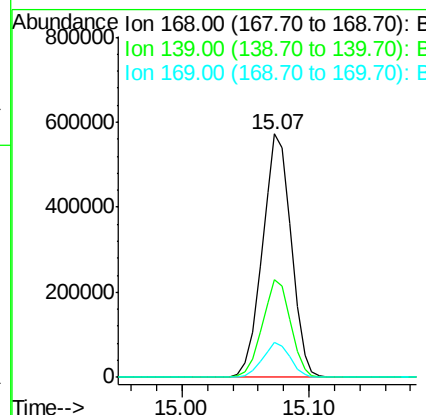
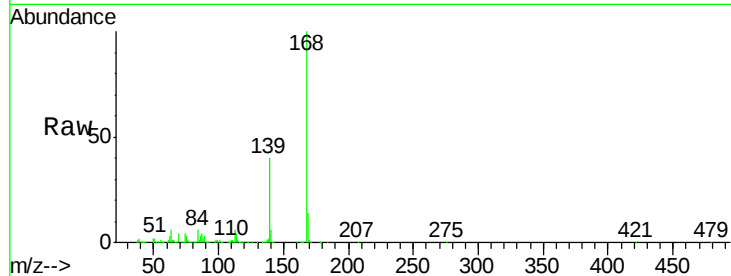




#55
Dibenzenofuran
Concen: 42.78 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

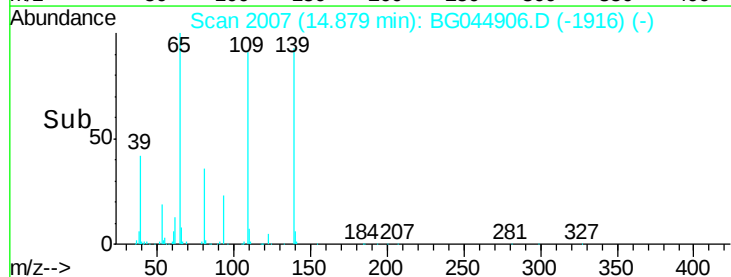
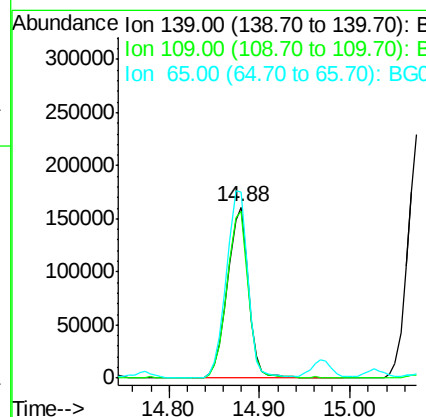
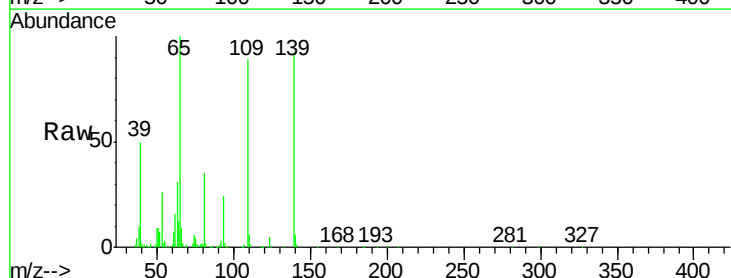
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

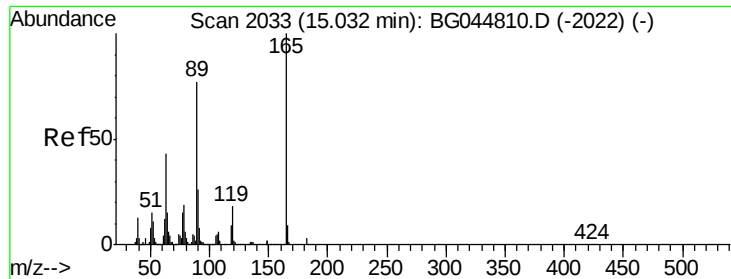
Tgt Ion:168 Resp: 899904
Ion Ratio Lower Upper
168 100
139 40.0 31.4 47.0
169 14.3 11.1 16.7



#56
4-Nitrophenol
Concen: 80.29 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:139 Resp: 261973
Ion Ratio Lower Upper
139 100
109 97.6 68.8 108.8
65 109.1 92.5 132.5

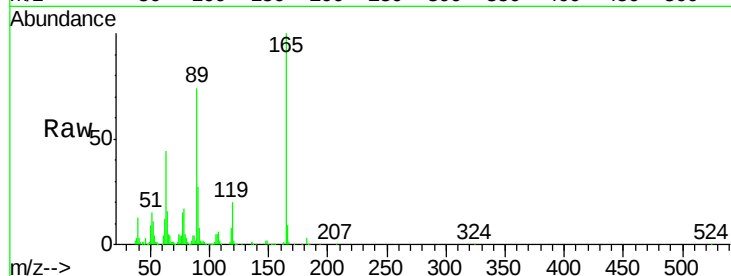




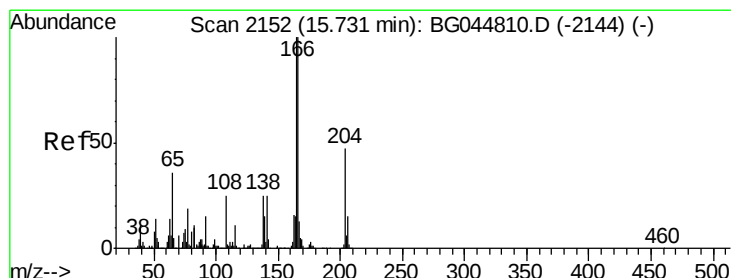
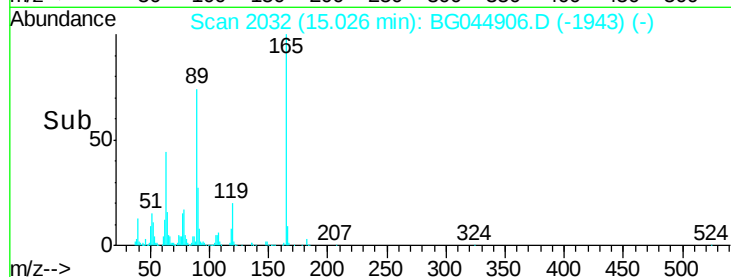
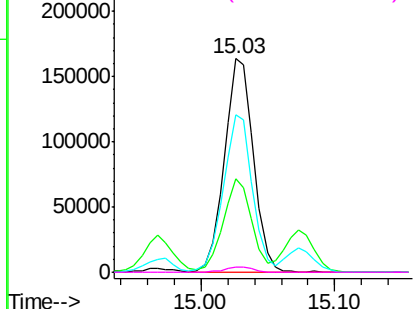
#57
2,4-Dinitrotoluene
Concen: 48.75 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tgt Ion:165 Resp: 248595
Ion Ratio Lower Upper
165 100
63 43.9 34.6 52.0
89 73.8 61.3 91.9
182 2.6 2.2 3.2

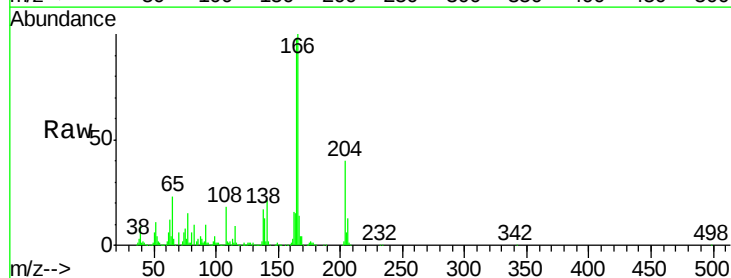


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

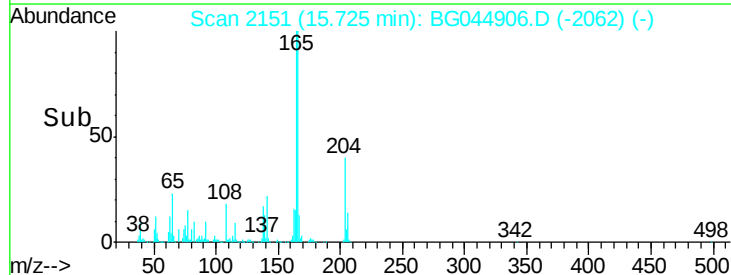
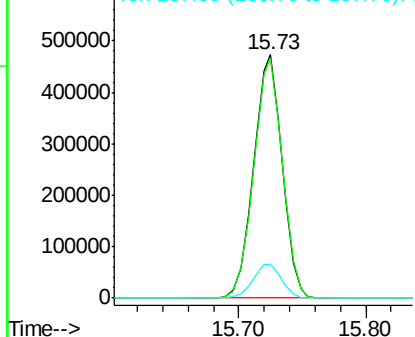


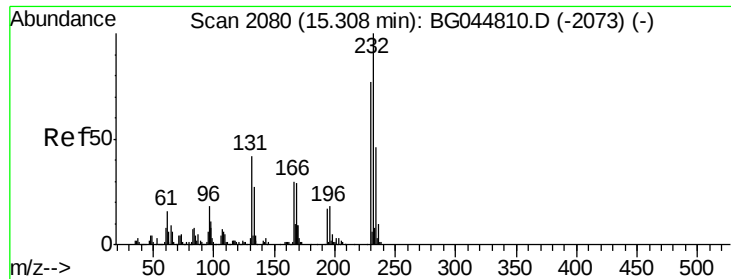
#58
Fluorene
Concen: 42.79 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:166 Resp: 740438
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 13.7 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

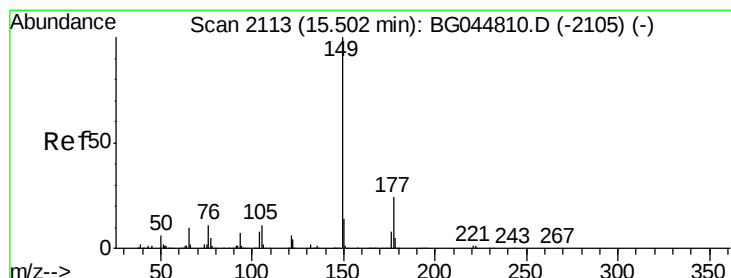
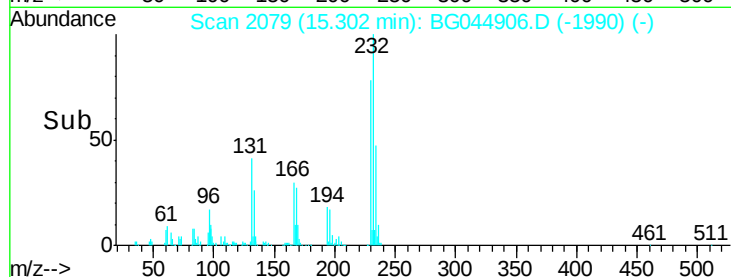
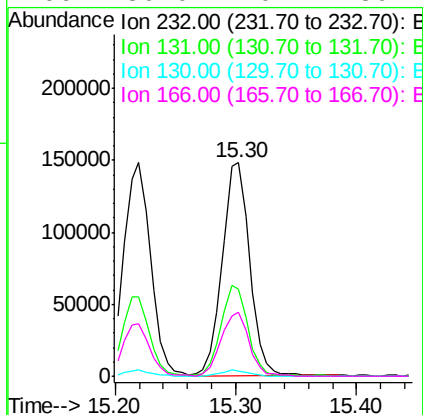
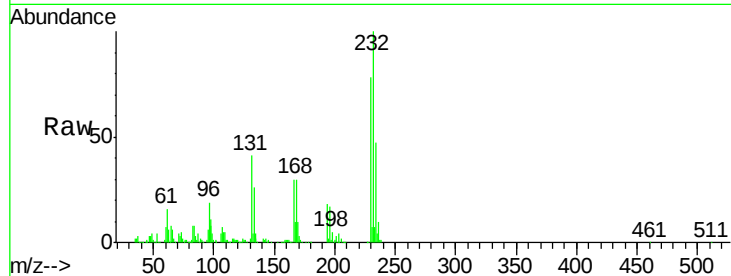




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.23 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

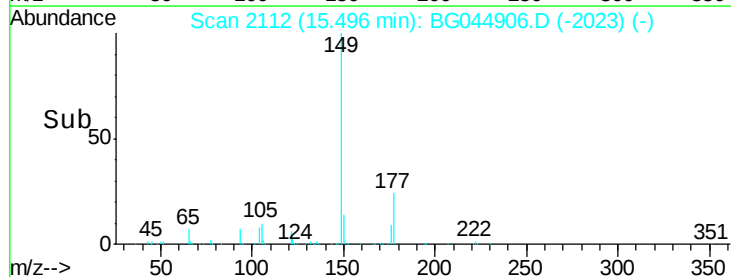
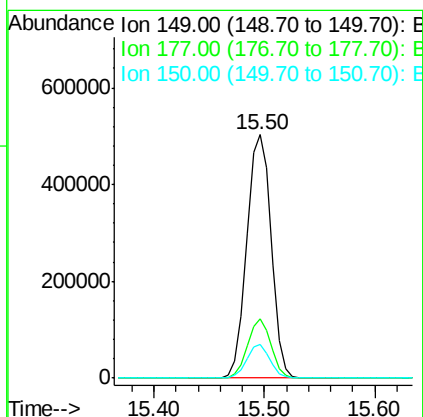
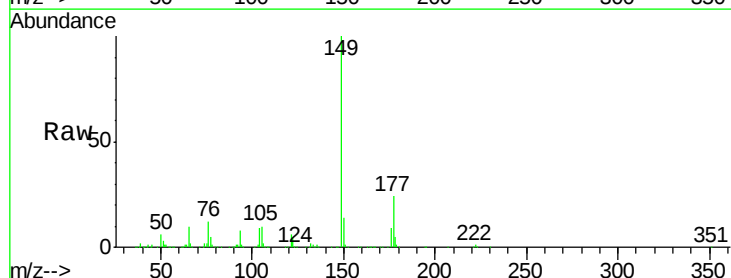
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

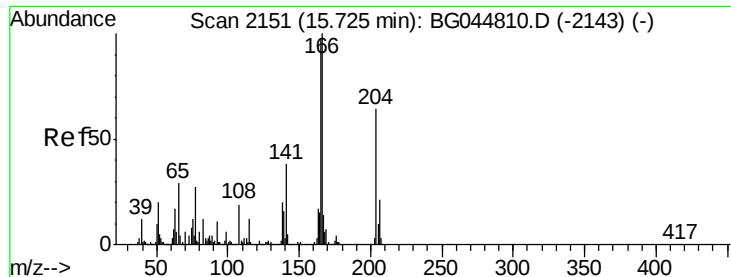
Tgt Ion:	232	Resp:	233114
Ion	Ratio	Lower	Upper
232	100		
131	41.5	31.8	47.8
130	2.6	2.2	3.2
166	30.0	20.2	30.2



#60
 Diethylphthalate
 Concen: 40.63 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:	149	Resp:	781682
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.3	28.9
150	13.9	11.0	16.6

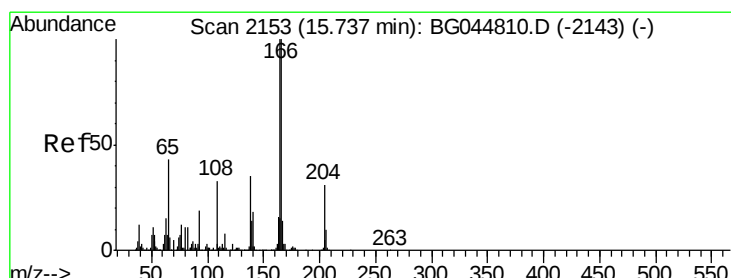
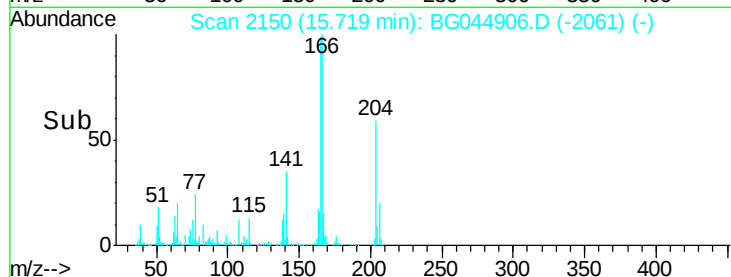
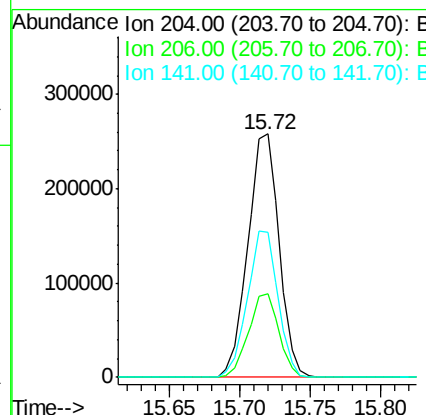
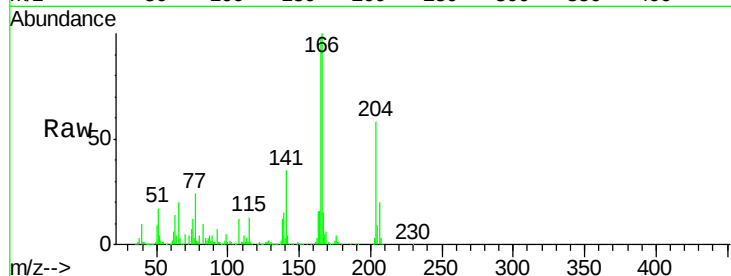




#61
4-Chlorophenyl-phenylether
Concen: 42.92 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

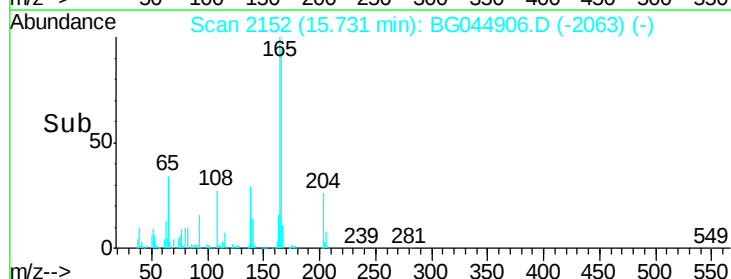
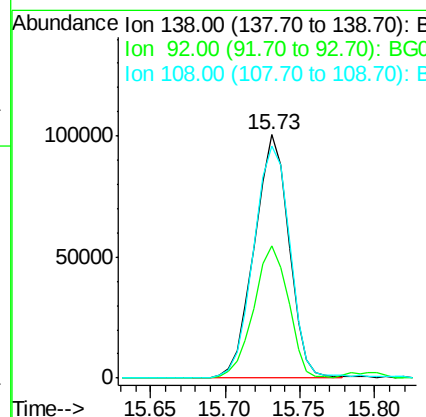
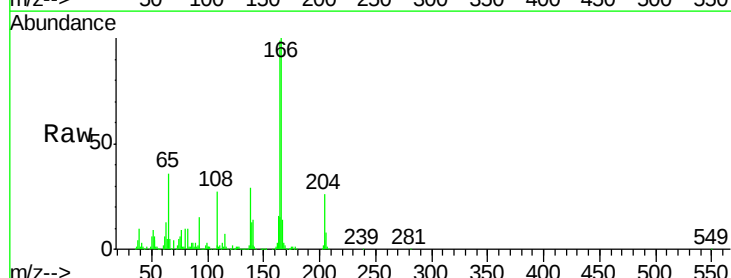
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

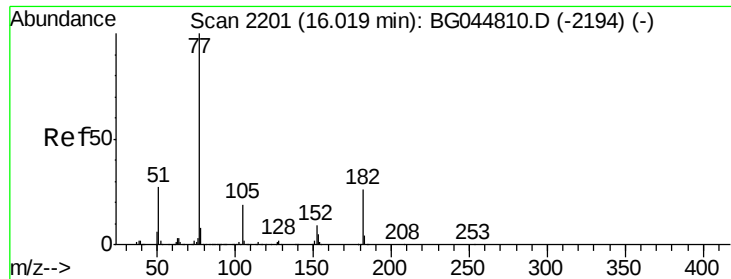
Tgt Ion:204 Resp: 399930
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 59.5 47.7 71.5



#62
4-Nitroaniline
Concen: 35.41 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:138 Resp: 161425
Ion Ratio Lower Upper
138 100
92 54.2 34.5 74.5
108 95.5 74.5 114.5





#63

Azobenzene

Concen: 38.87 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

Tgt Ion: 77 Resp: 776661

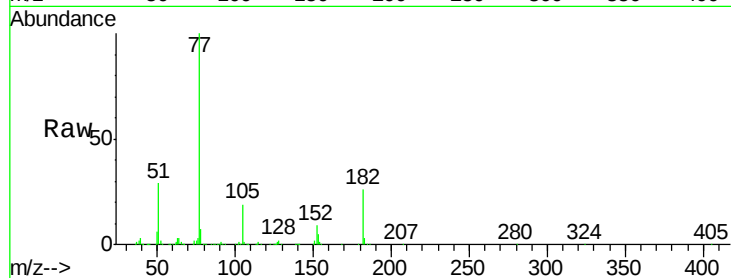
Ion Ratio Lower Upper

77 100

182 26.4 6.4 46.4

105 18.9 0.0 39.1

51 28.8 7.3 47.3

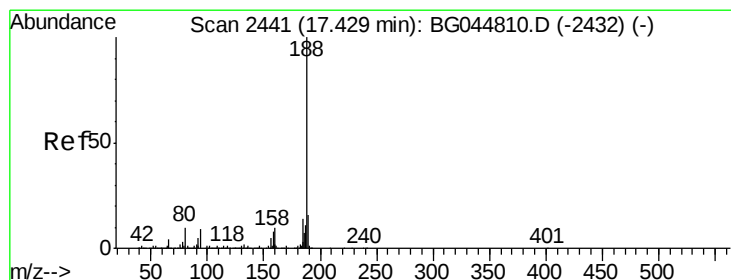
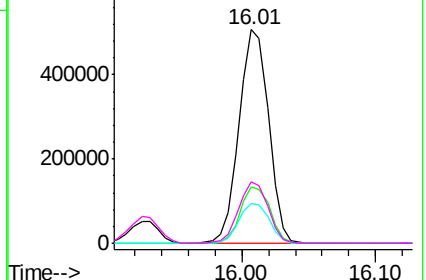
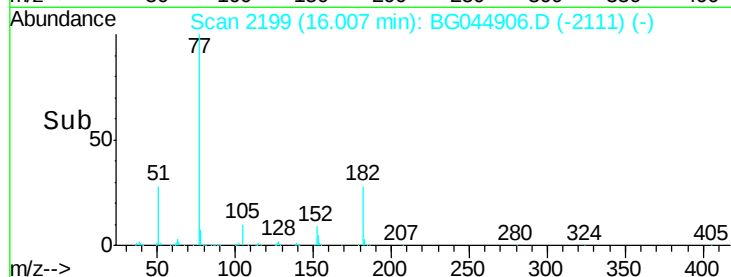


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044906.D

Acq: 19 Mar 2020 20:55

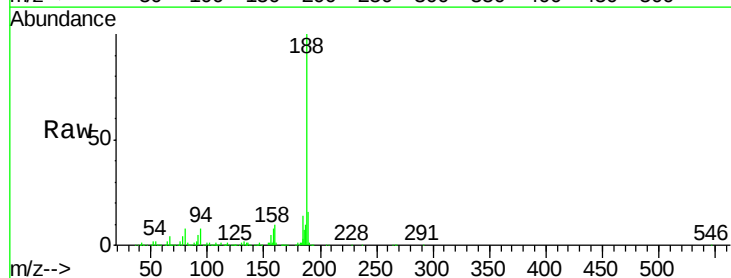
Tgt Ion: 188 Resp: 530032

Ion Ratio Lower Upper

188 100

94 7.8 7.3 10.9

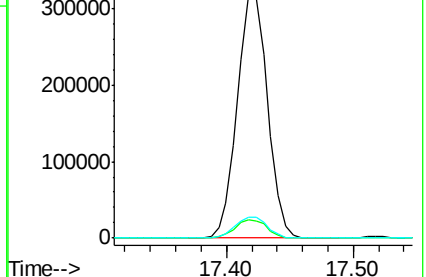
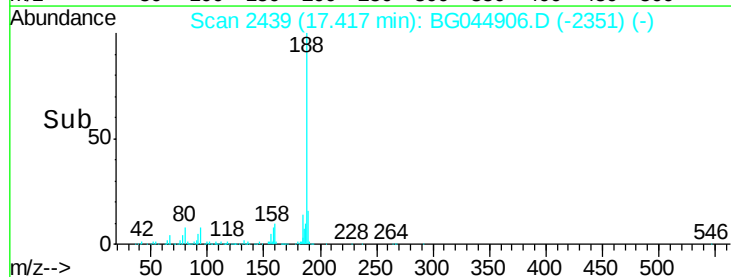
80 8.4 8.0 12.0

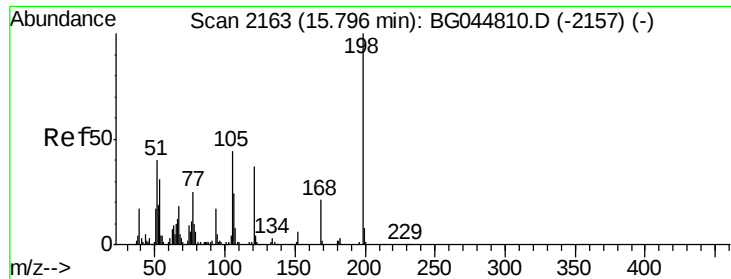


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 56.09 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

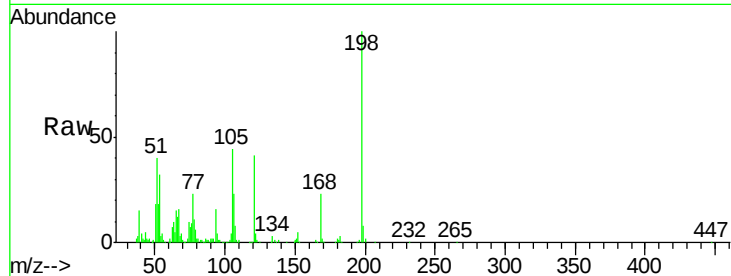
Tgt Ion:198 Resp: 143787

Ion Ratio Lower Upper

198 100

51 40.1 21.1 61.1

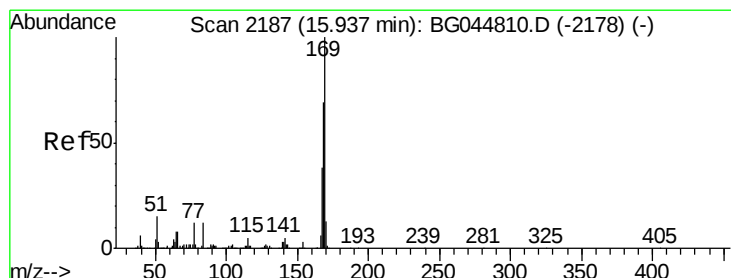
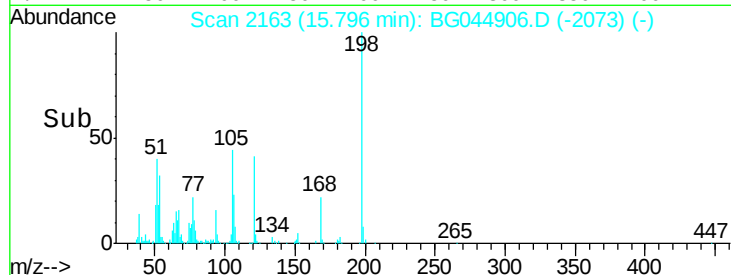
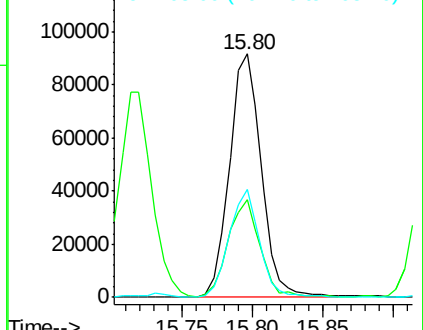
105 44.5 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.53 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

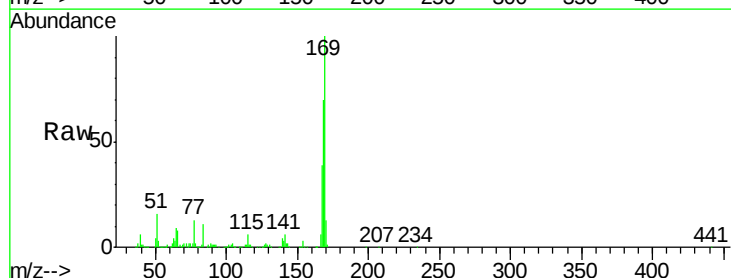
Tgt Ion:169 Resp: 662787

Ion Ratio Lower Upper

169 100

168 69.9 55.4 83.2

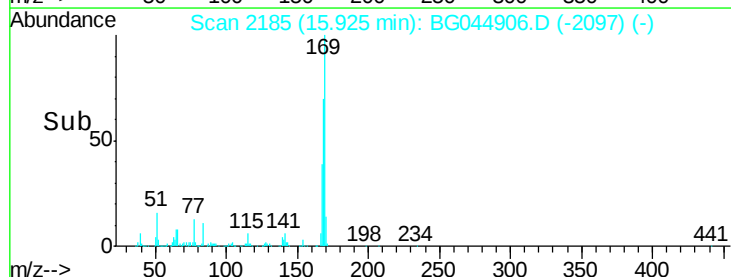
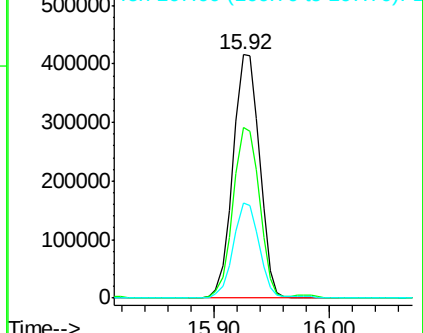
167 39.3 30.1 45.1

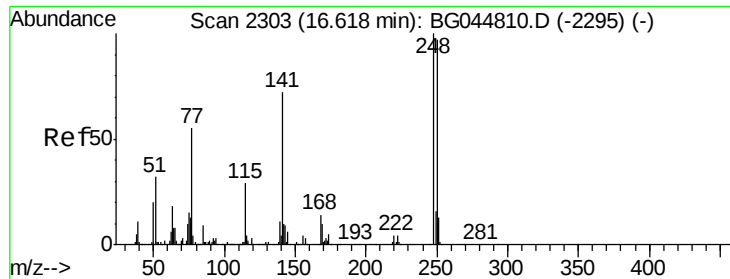


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

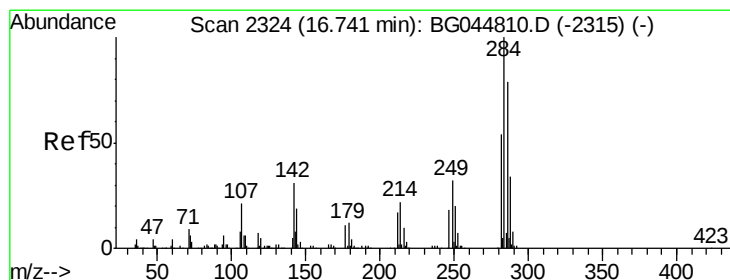
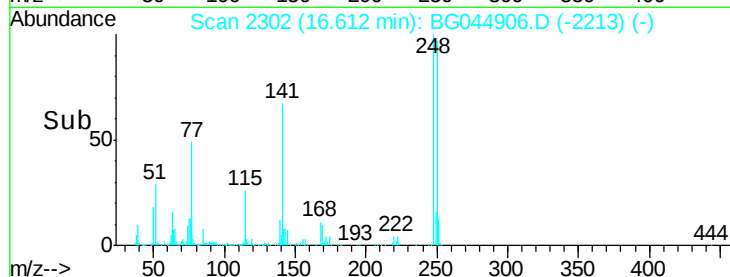
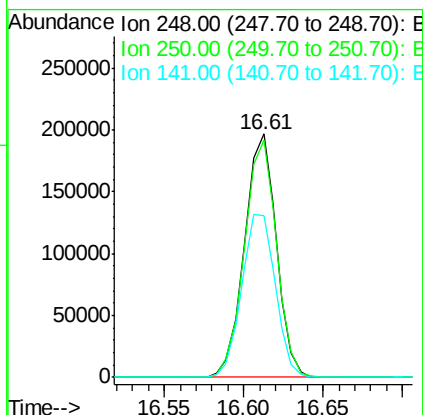
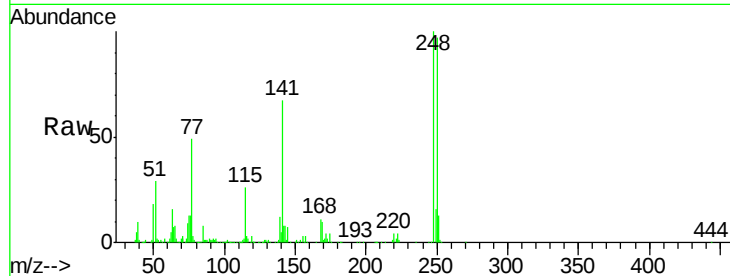




#67
4-Bromophenyl-phenylether
Concen: 41.37 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

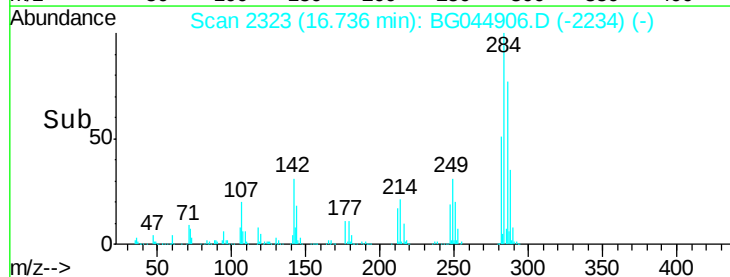
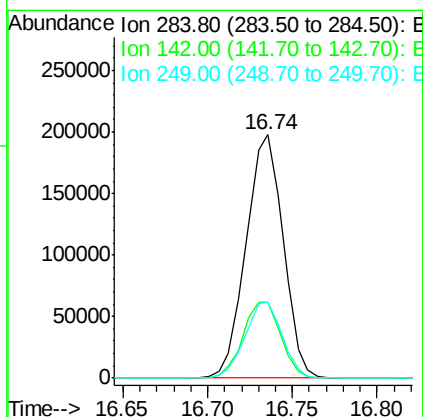
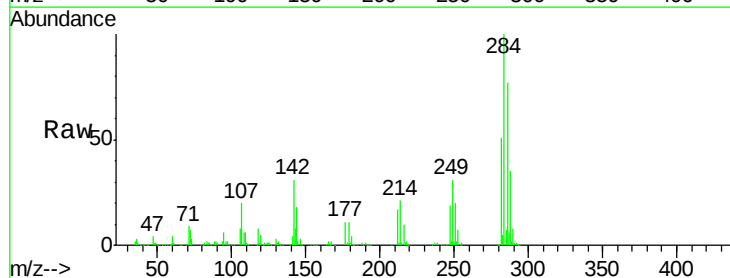
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

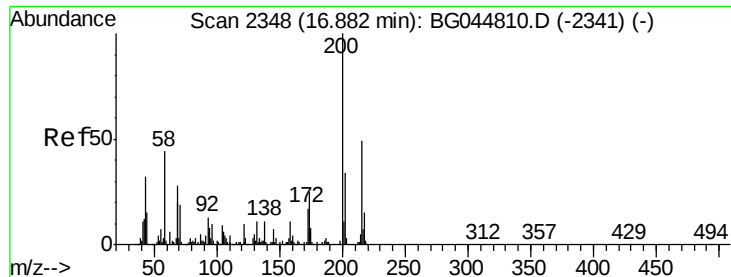
Tgt Ion:248 Resp: 274098
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 66.6 57.5 86.3



#68
Hexachlorobenzene
Concen: 42.03 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion:284 Resp: 302144
Ion Ratio Lower Upper
284 100
142 31.2 25.0 37.6
249 31.0 25.8 38.8

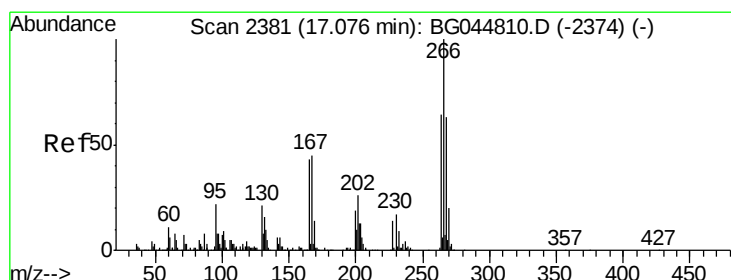
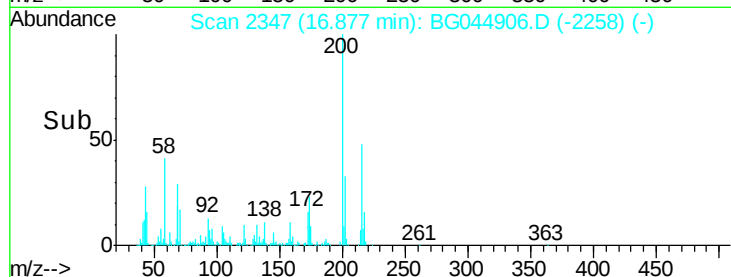
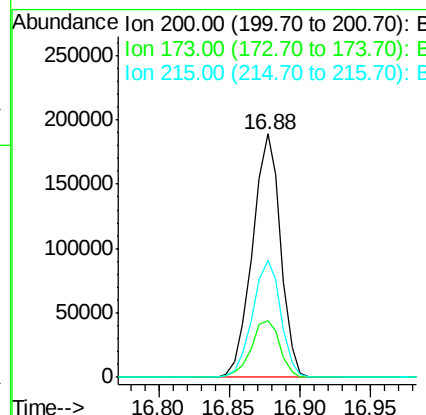
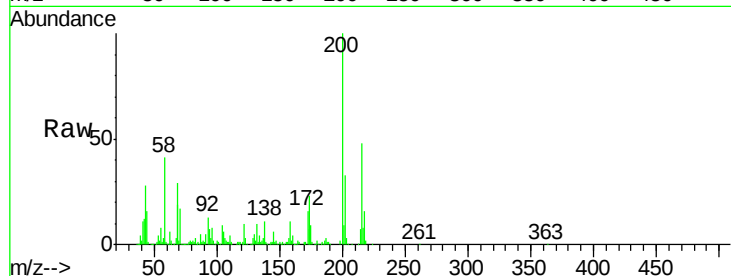




#69
Atrazine
Concen: 45.20 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

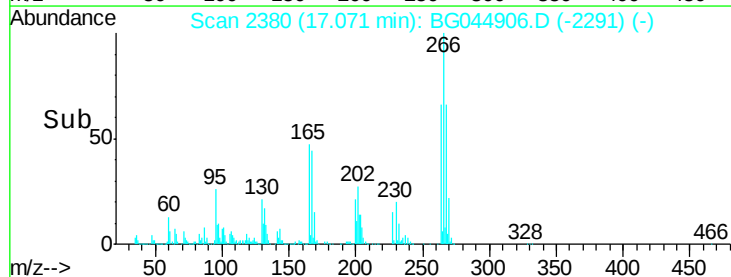
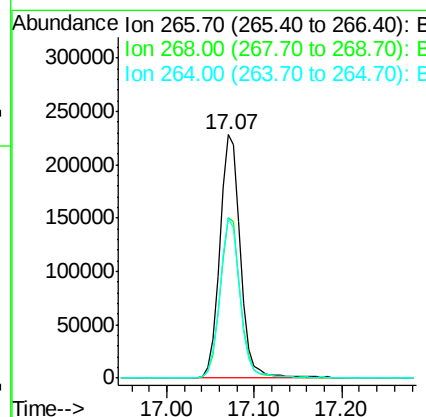
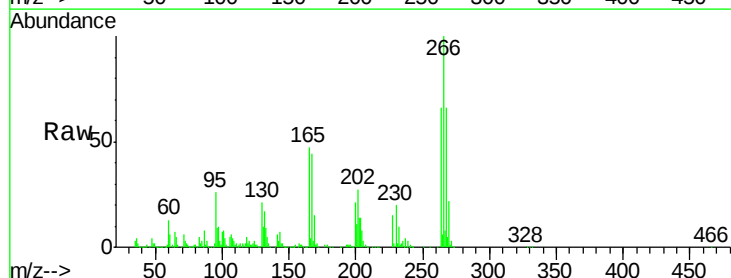
Instrument :
BNA_G
ClientSampleId :
2000448388MSD

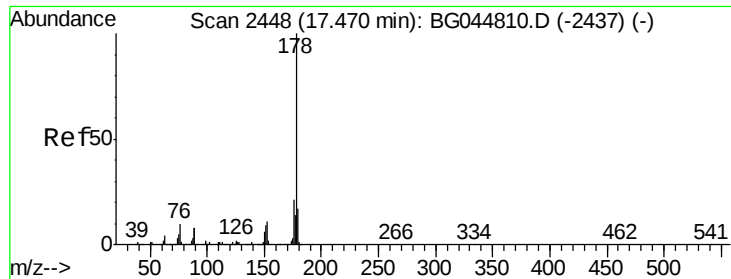
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	5.3	45.3
215	48.1	28.9	68.9



#70
Pentachlorophenol
Concen: 94.58 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.3	75.5
264	65.8	51.4	77.2





#71

Phenanthrene

Concen: 41.89 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

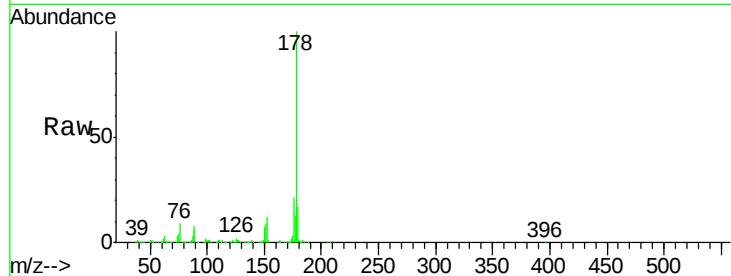
Tgt Ion:178 Resp: 1186469

Ion Ratio Lower Upper

178 100

176 21.3 16.6 24.8

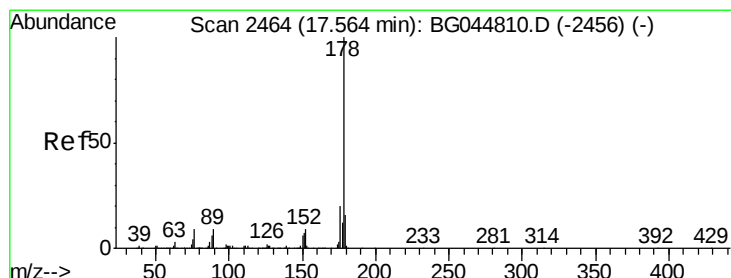
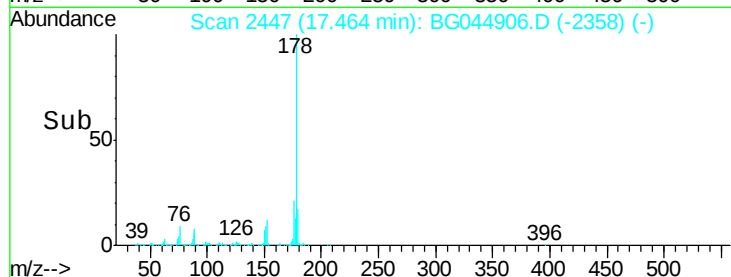
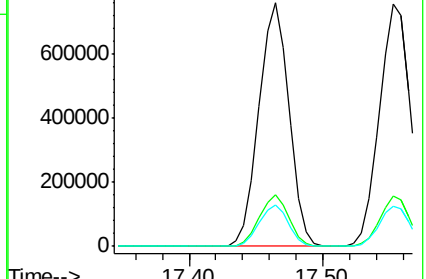
179 16.8 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.13 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

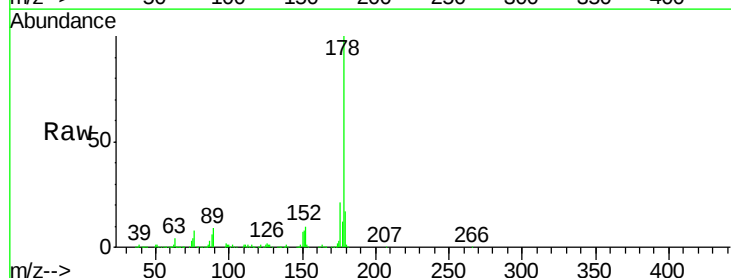
Tgt Ion:178 Resp: 1204520

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

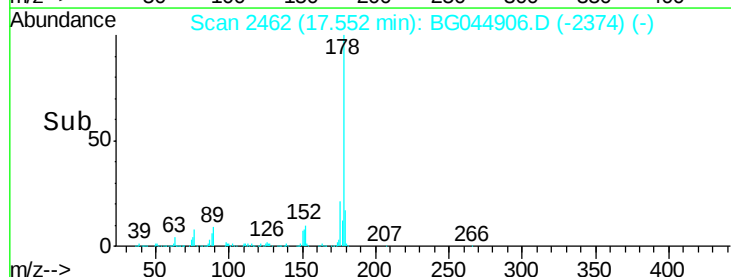
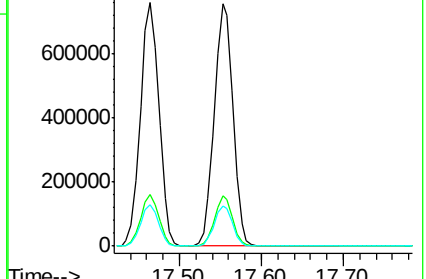
179 16.6 13.2 19.8

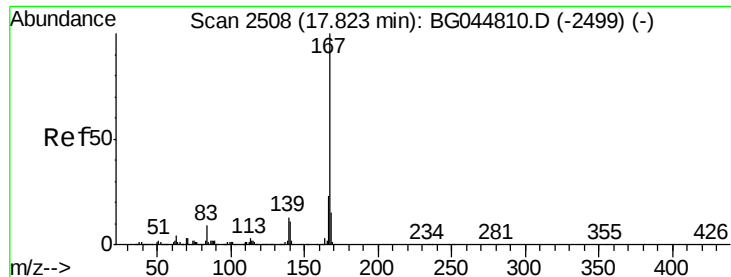


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

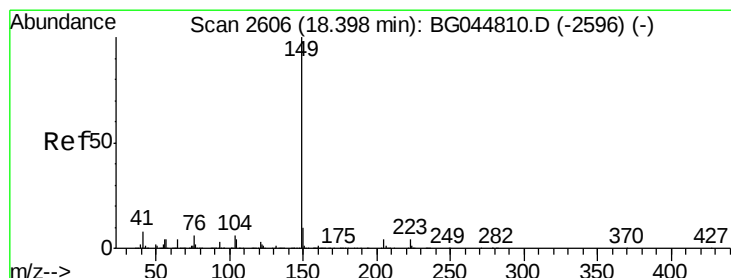
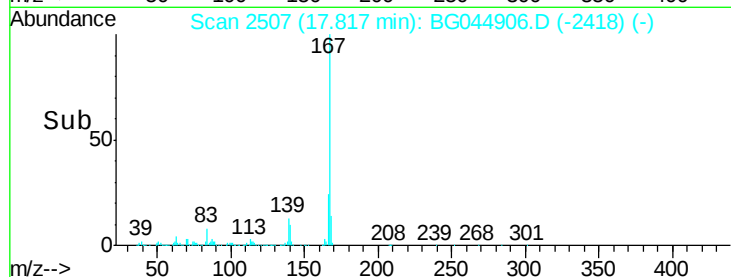
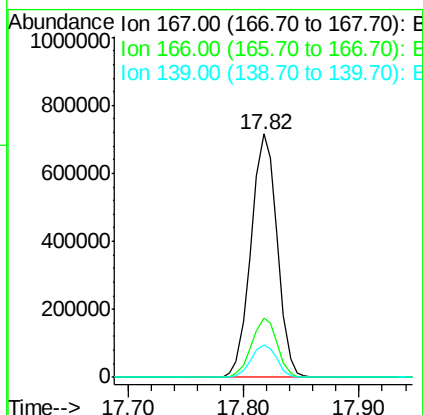
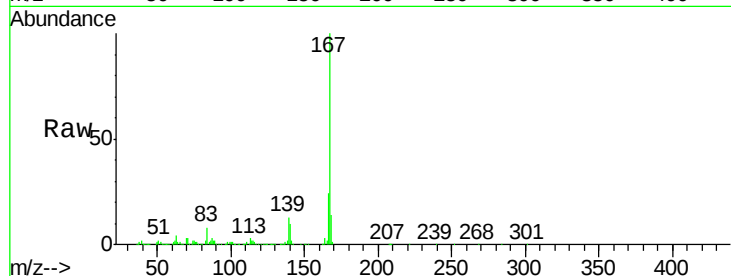




#73
 Carbazole
 Concen: 42.15 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

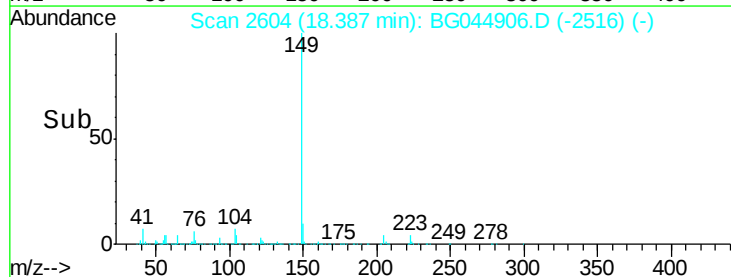
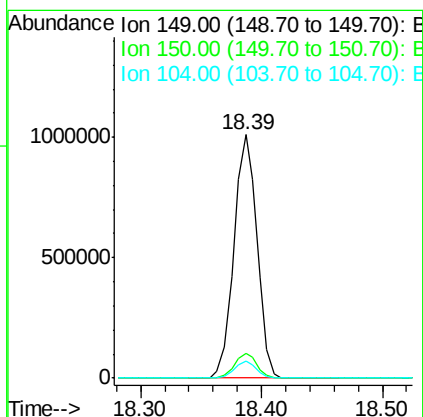
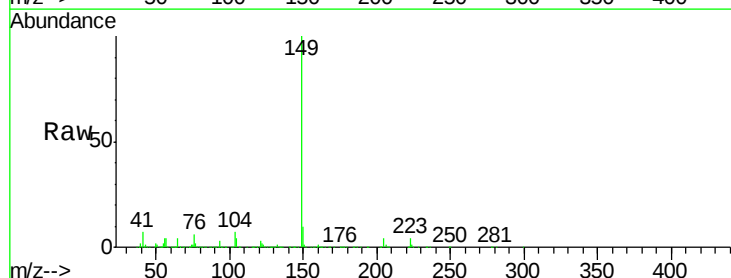
Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

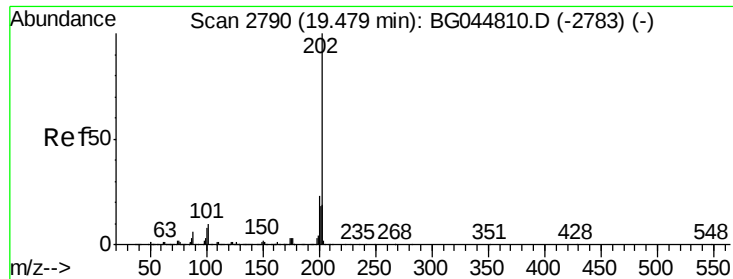
Tgt Ion:167 Resp: 1130681
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.8 28.2
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.10 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:149 Resp: 1340405
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 6.8 5.0 7.4





#75

Fluoranthene

Concen: 44.00 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

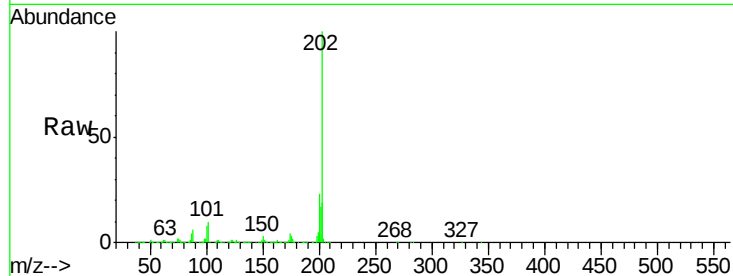
Tgt Ion:202 Resp: 1483976

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.8

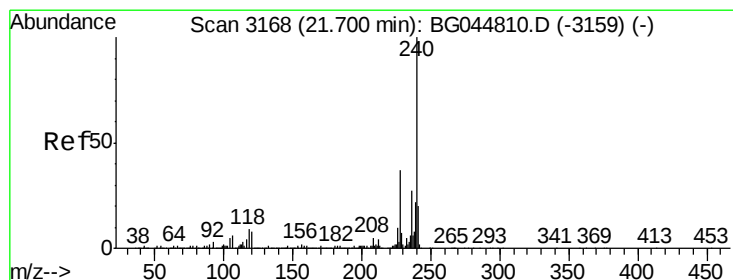
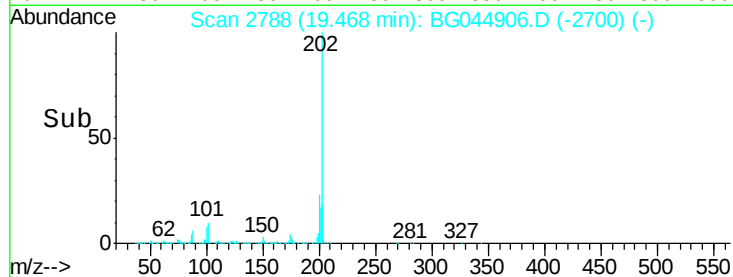
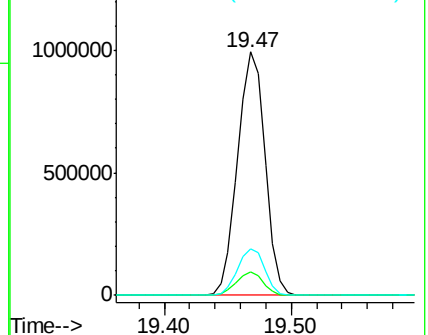
203 18.9 0.0 39.4



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# 3166

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

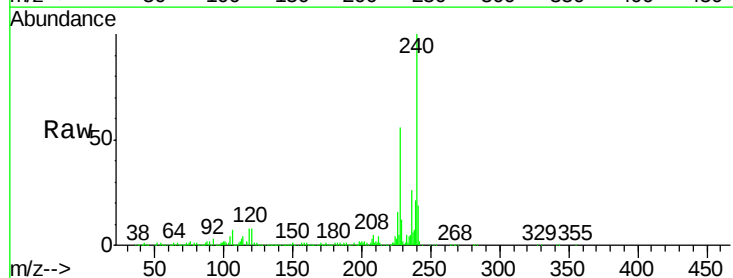
Tgt Ion:240 Resp: 480302

Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

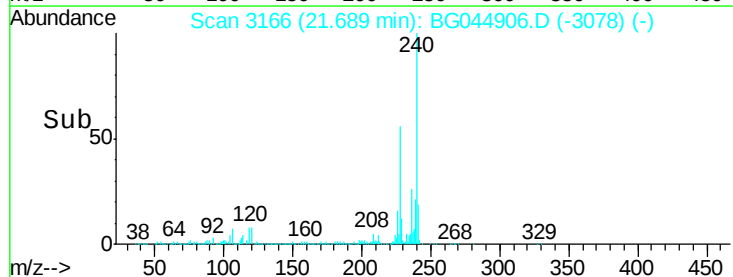
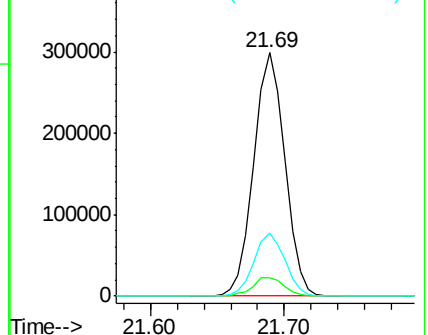
236 26.2 21.5 32.3

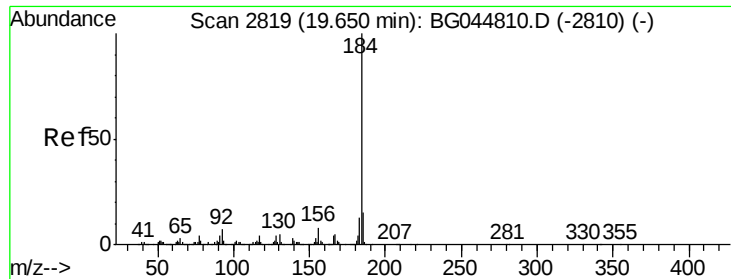


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.23 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

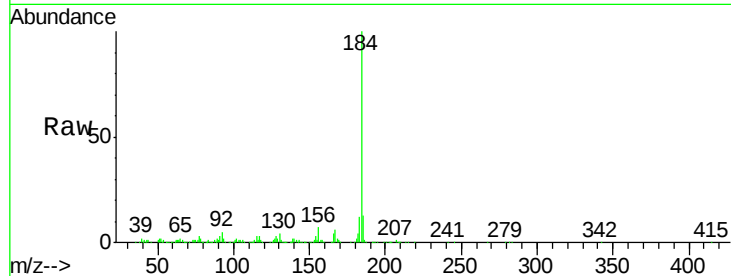
Tgt Ion:184 Resp: 284311

Ion Ratio Lower Upper

184 100

185 12.7 12.2 18.4

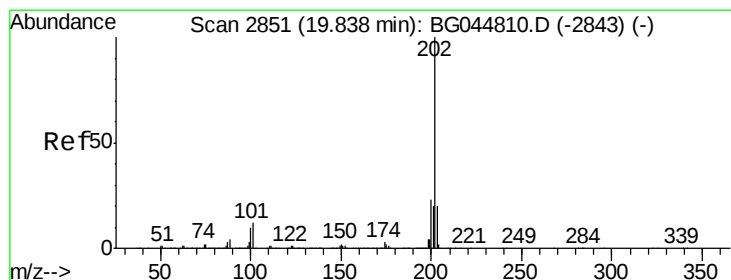
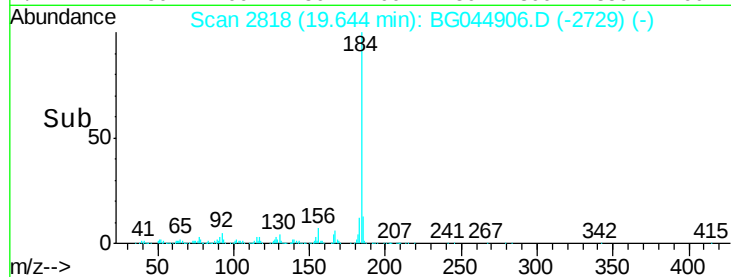
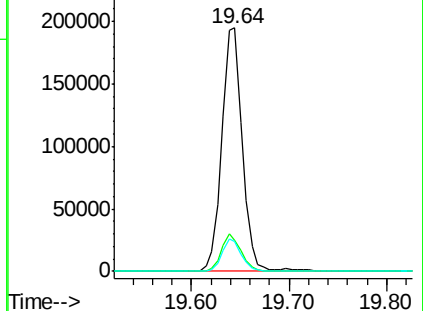
183 12.4 10.7 16.1



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: 41.59 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

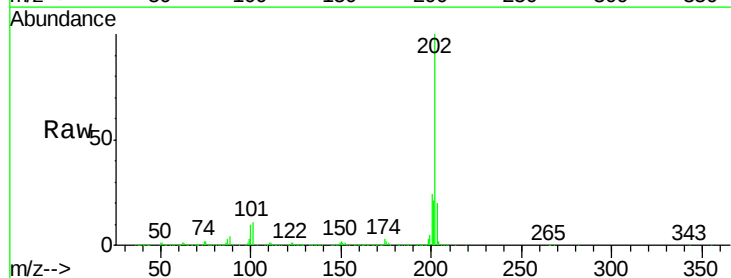
Tgt Ion:202 Resp: 1465623

Ion Ratio Lower Upper

202 100

200 24.1 18.3 27.5

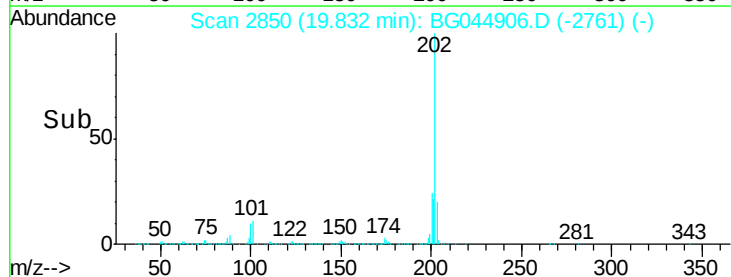
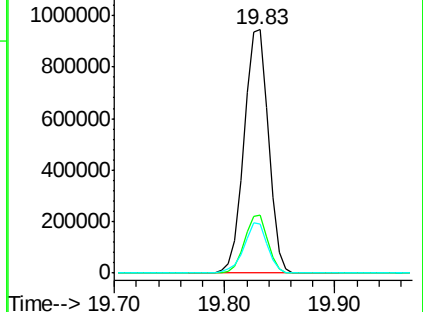
203 19.9 15.6 23.4

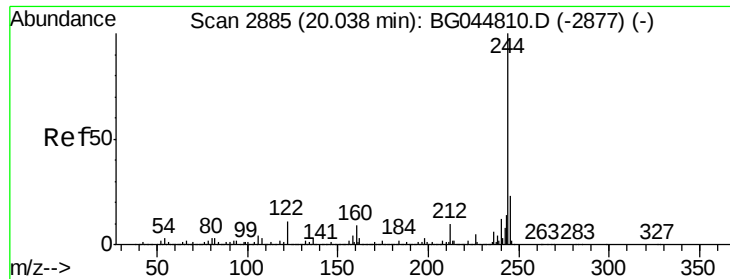


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.90 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

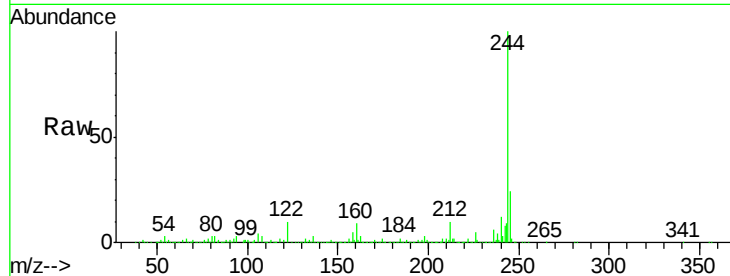
Tgt Ion:244 Resp: 2154216

Ion Ratio Lower Upper

244 100

212 9.8 7.7 11.5

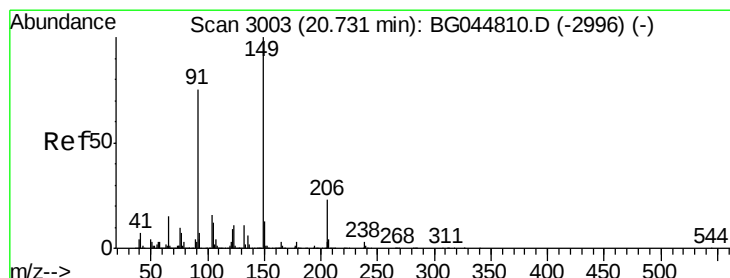
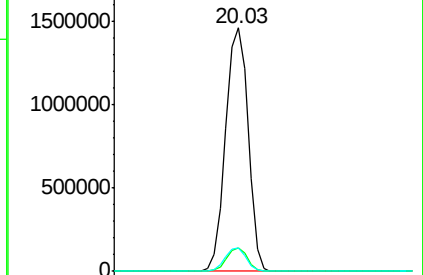
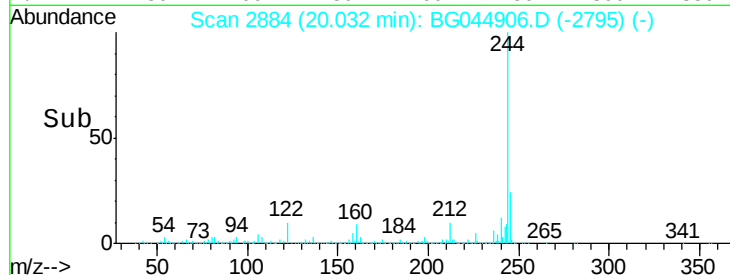
122 9.7 8.6 12.8



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: 40.33 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

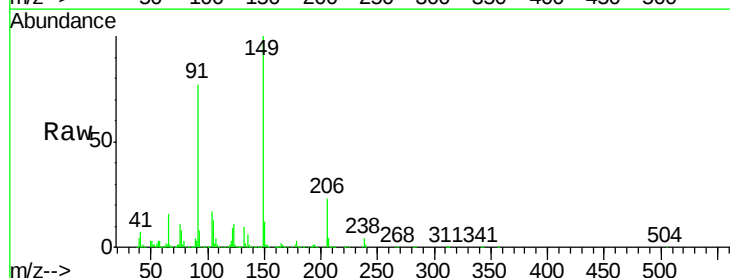
Tgt Ion:149 Resp: 632237

Ion Ratio Lower Upper

149 100

91 76.8 60.2 90.4

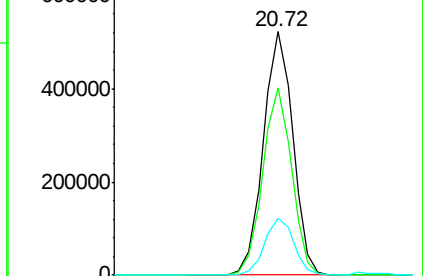
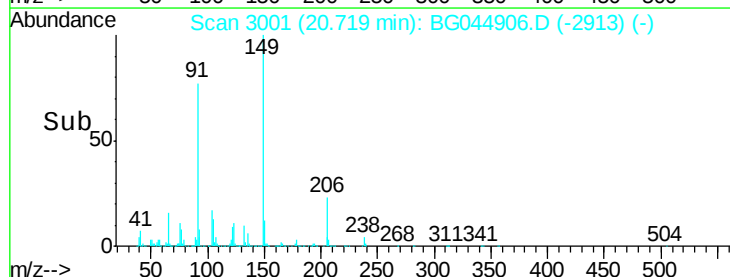
206 23.3 18.6 27.8

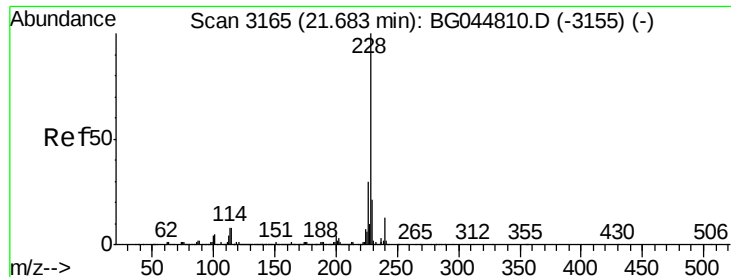


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.67 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

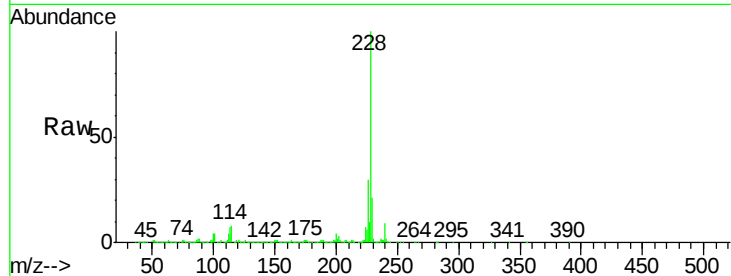
Tgt Ion:228 Resp: 1441109

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

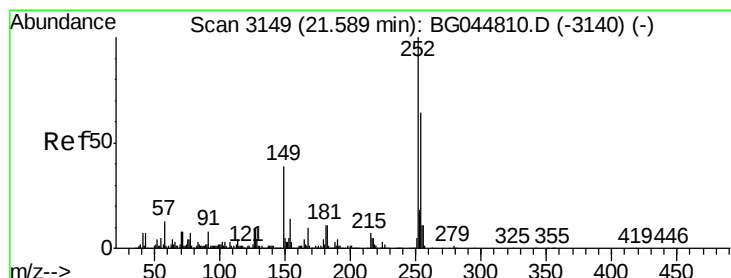
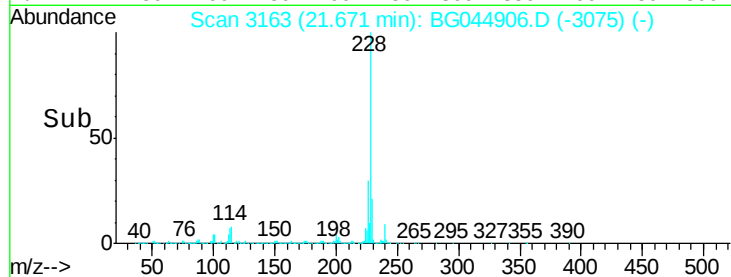
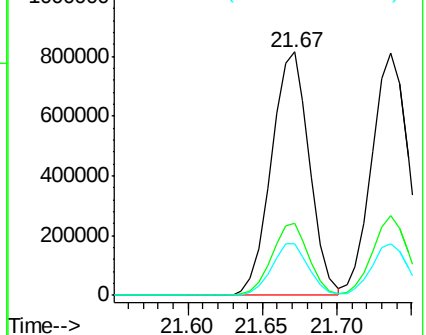
229 21.1 17.1 25.7



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: 10.51 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

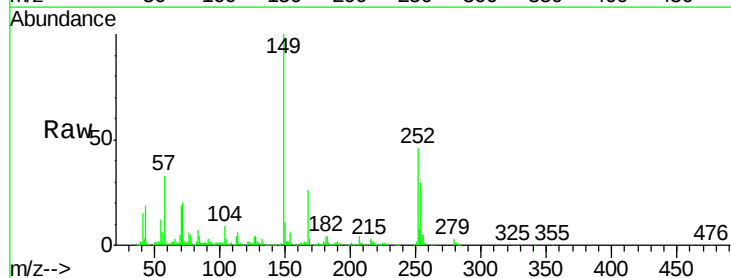
Tgt Ion:252 Resp: 140579

Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

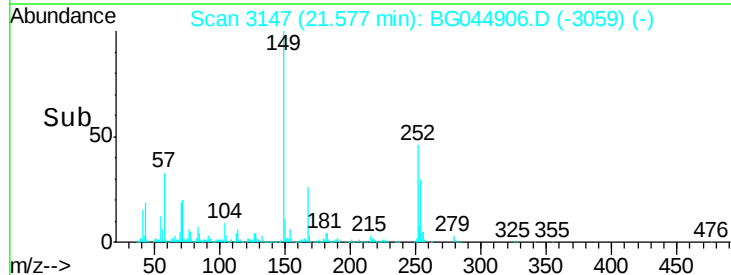
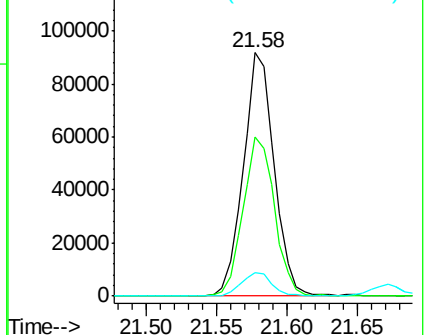
126 9.4 7.0 10.6

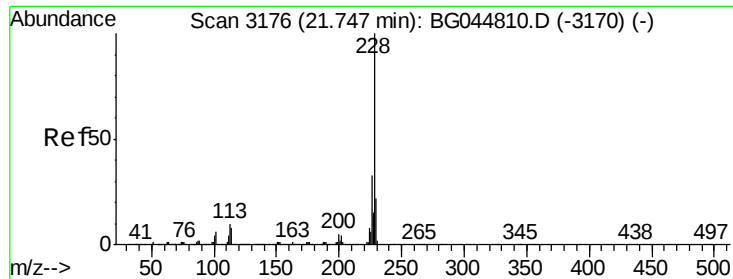


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.27 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

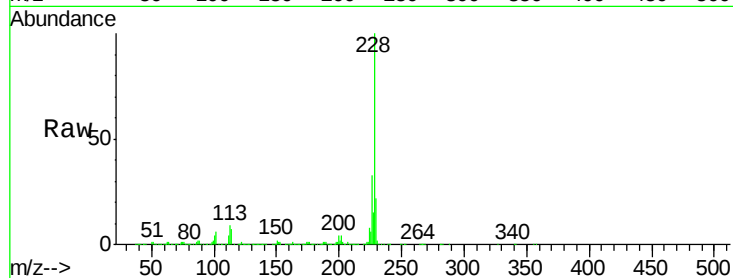
Tgt Ion:228 Resp: 1363497

Ion Ratio Lower Upper

228 100

226 32.7 25.9 38.9

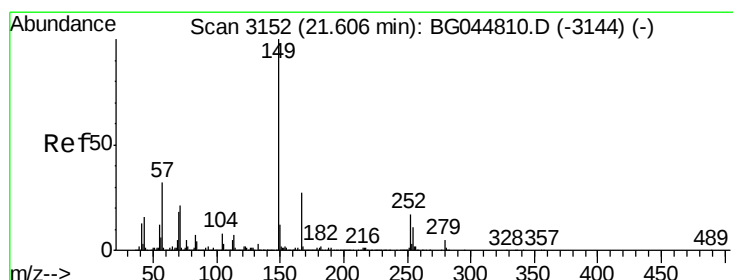
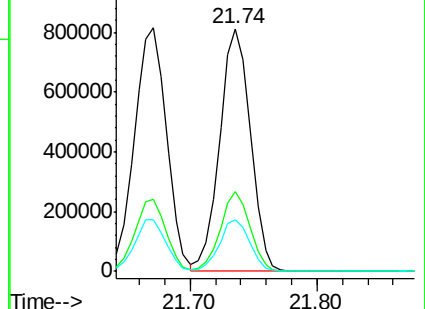
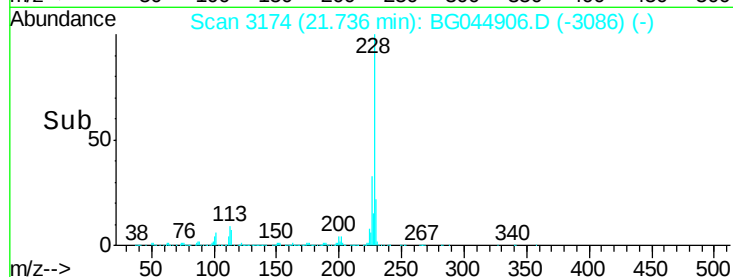
229 21.5 17.4 26.0



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: 40.57 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

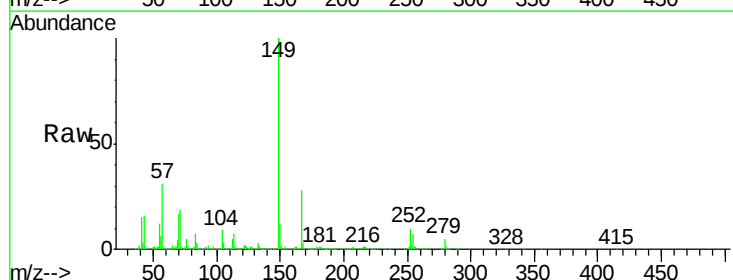
Tgt Ion:149 Resp: 877707

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

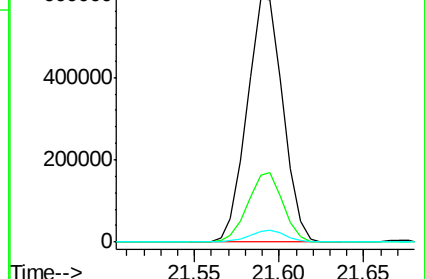
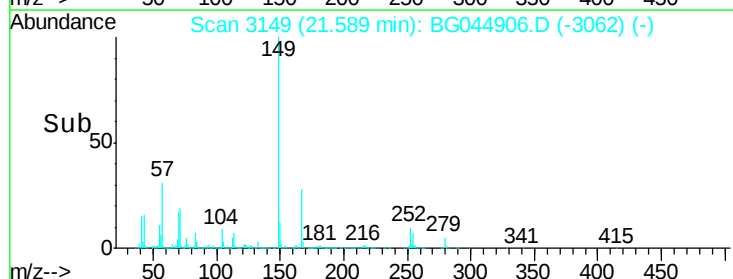
279 4.6 3.8 5.6

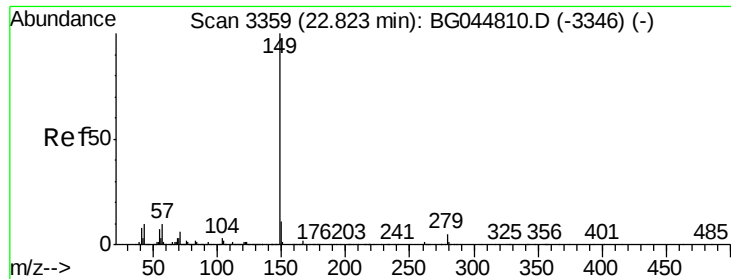


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.03 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

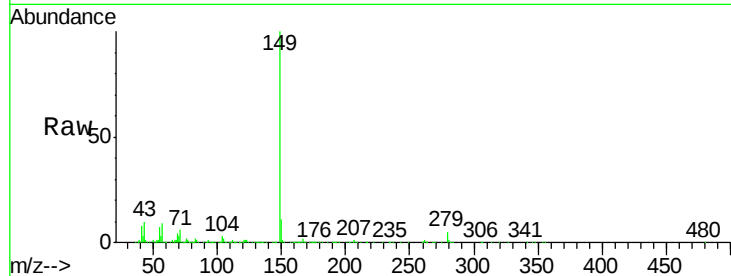
Tgt Ion:149 Resp: 1485464

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

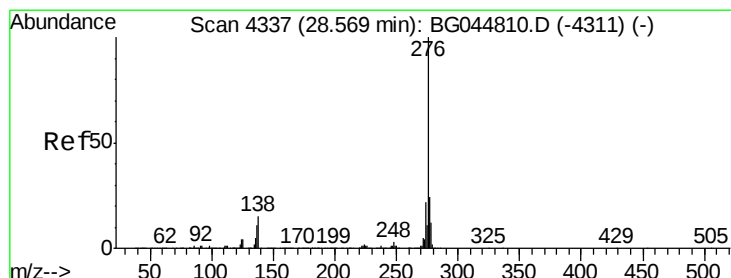
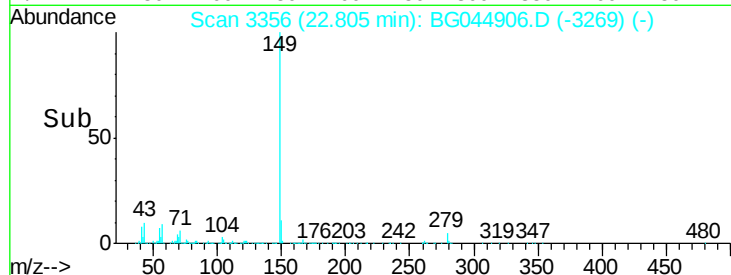
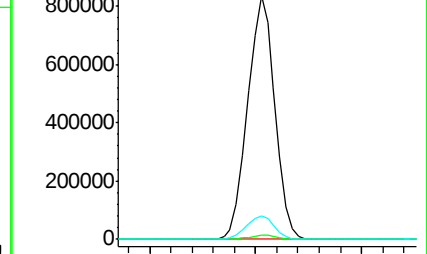
43 9.7 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.92 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.04 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

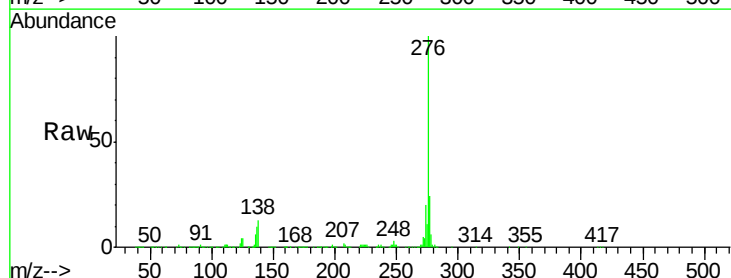
Tgt Ion:276 Resp: 1858960

Ion Ratio Lower Upper

276 100

138 17.0 7.4 11.0#

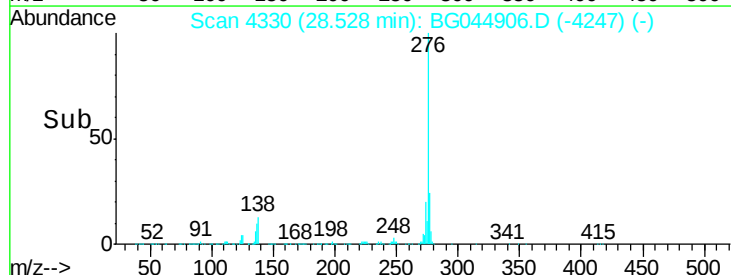
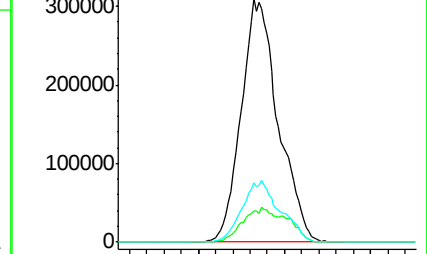
277 26.0 20.8 31.2

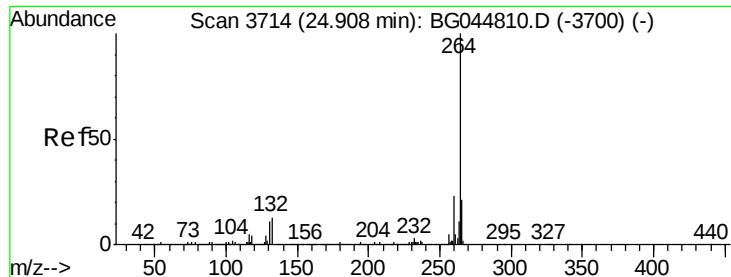


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

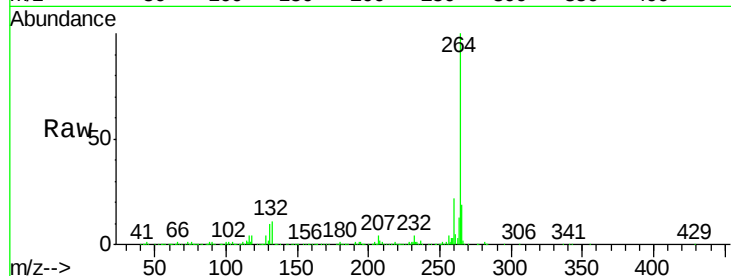
Tgt Ion:264 Resp: 561186

Ion Ratio Lower Upper

264 100

260 22.0 18.1 27.1

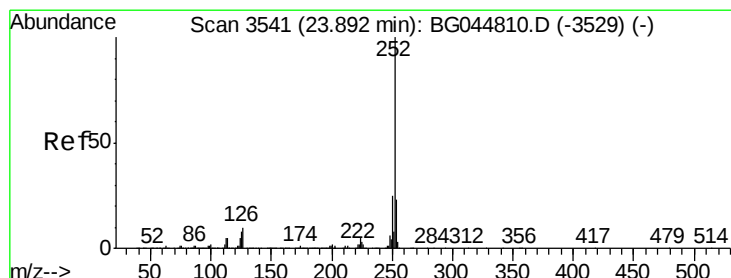
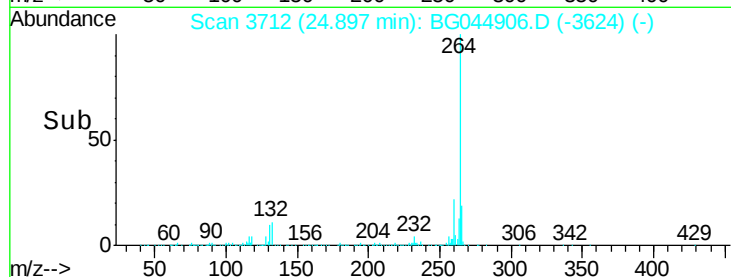
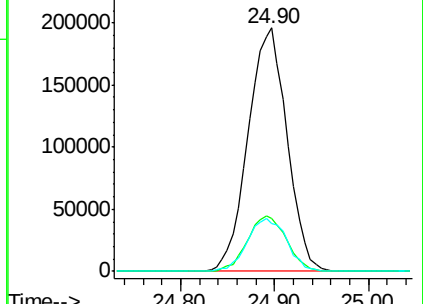
265 19.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.42 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

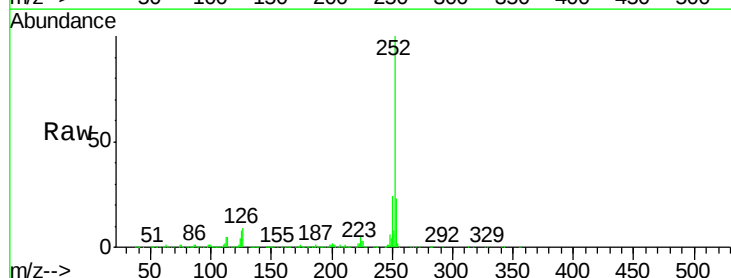
Tgt Ion:252 Resp: 1571503

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

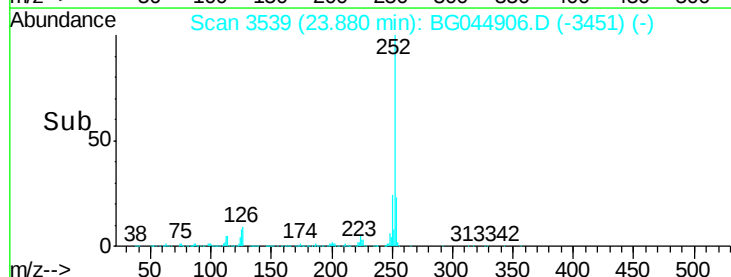
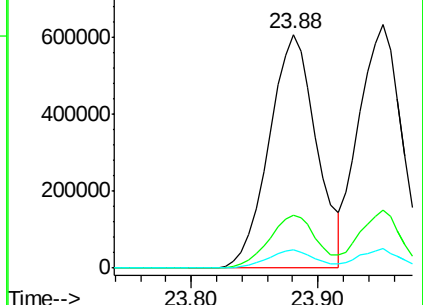
125 7.7 6.6 9.8

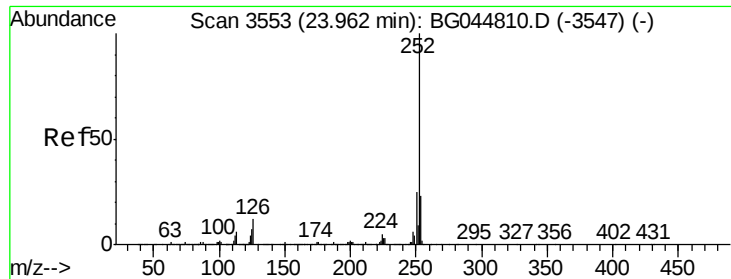


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.05 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

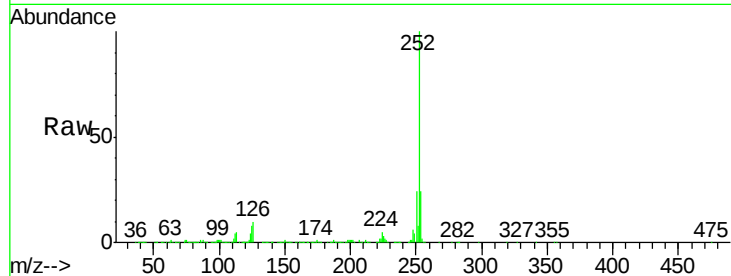
Tgt Ion:252 Resp: 1474187

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

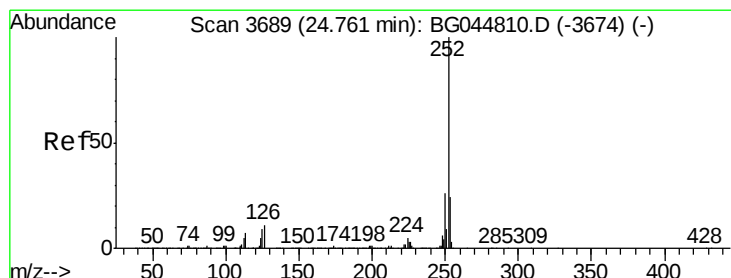
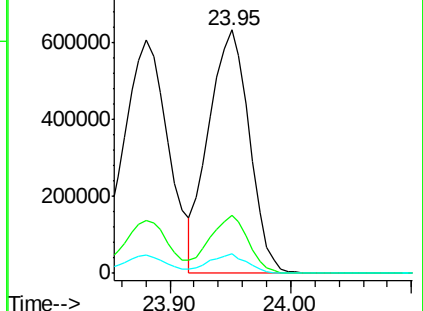
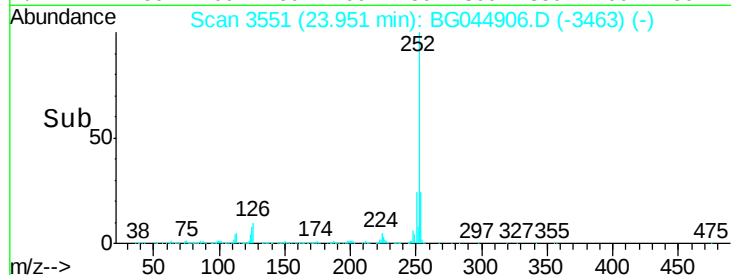
125 7.9 6.2 9.2



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: 41.20 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

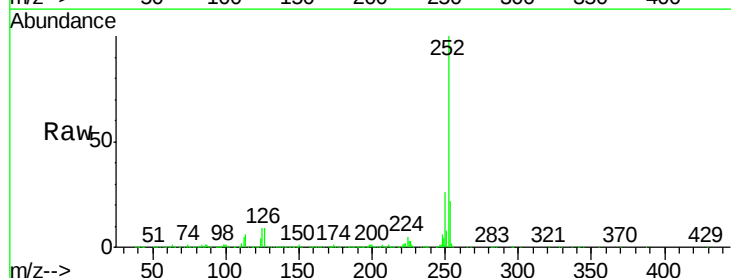
Tgt Ion:252 Resp: 1428310

Ion Ratio Lower Upper

252 100

253 22.3 19.4 29.0

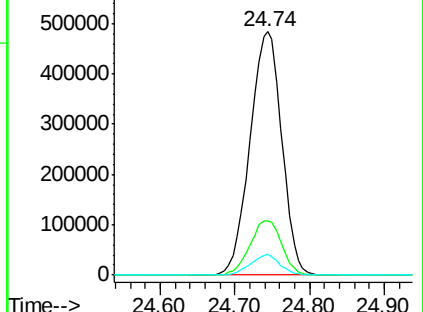
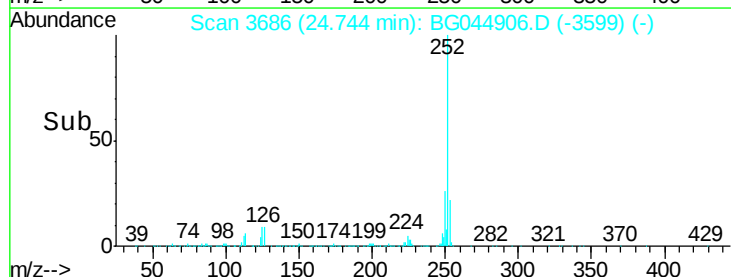
125 8.6 7.2 10.8

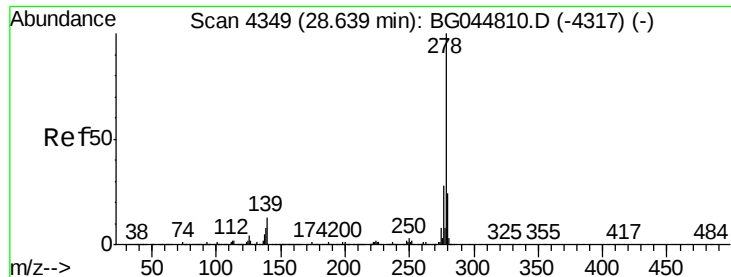


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.60 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.03 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

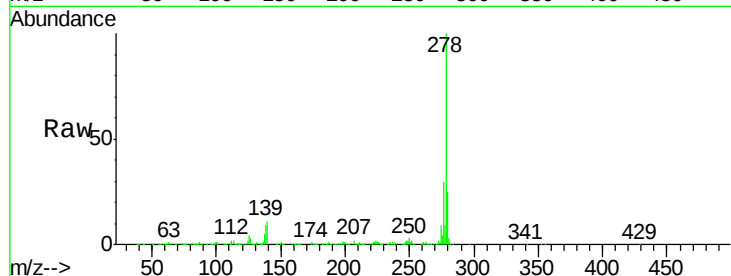
Tgt Ion:278 Resp: 1491061

Ion Ratio Lower Upper

278 100

139 11.1 10.2 15.2

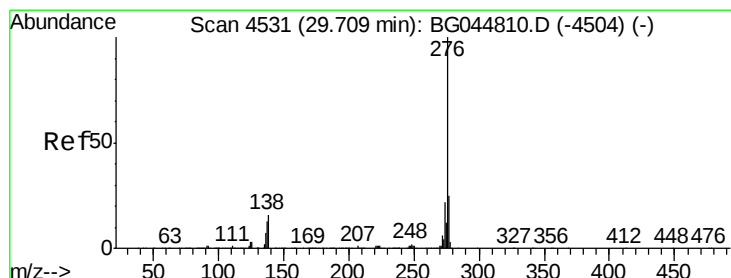
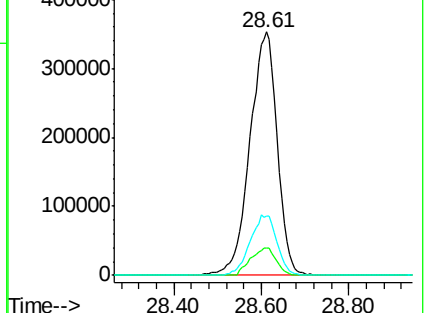
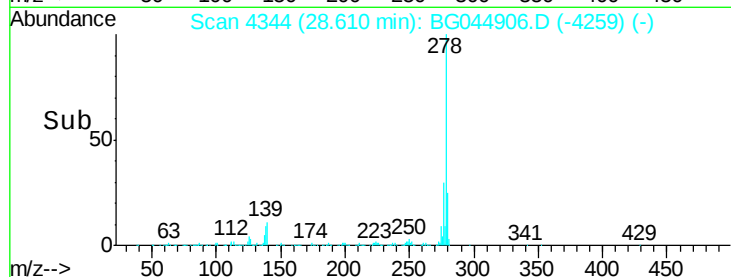
279 24.5 18.9 28.3



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: 44.38 ng

RT: 29.68 min Scan# 4526

Delta R.T. -0.03 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

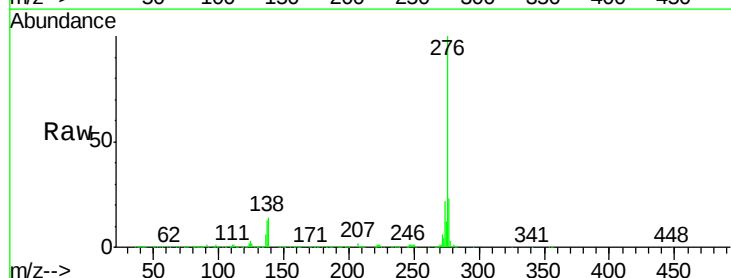
Tgt Ion:276 Resp: 1533314

Ion Ratio Lower Upper

276 100

277 23.0 20.1 30.1

138 14.1 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

