

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040720\
 Data File : BG044968.D
 Acq On : 7 Apr 2020 23:40
 Operator : CG/JU
 Sample : L212-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

Quant Time: Apr 08 02:25:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85390	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	328657	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	221908	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	516537	20.00	ng	0.00
76) Chrysene-d12	21.69	240	522810	20.00	ng	0.00
87) Perylene-d12	24.89	264	573885	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	814079	148.41	ng	0.00
7) Phenol-d6	7.21	99	1053187	132.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	780080	104.15	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	538106	185.20	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1670517	107.80	ng	0.00
79) Terphenyl-d14	20.03	244	2683233	96.00	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	115031	43.55	ng	# 46
3) Pyridine	3.93	79	249598	31.92	ng	# 79
4) n-Nitrosodimethylamine	3.83	42	124593	41.99	ng	# 67
6) Aniline	7.37	93	258938	26.11	ng	92
8) 2-Chlorophenol	7.61	128	328788	60.04	ng	91
9) Benzaldehyde	7.18	77	116284	20.54	ng	96
10) Phenol	7.24	94	382331	48.46	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	325543	51.70	ng	91
12) 1,3-Dichlorobenzene	7.94	146	356165	52.80	ng	99
13) 1,4-Dichlorobenzene	8.08	146	358645	53.78	ng	100
14) 1,2-Dichlorobenzene	8.40	146	335140	52.99	ng	99
15) Benzyl Alcohol	8.28	79	336365	52.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	310175	27.91	ng	80
17) 2-Methylphenol	8.49	107	290030	54.26	ng	97
18) Hexachloroethane	9.13	117	131915	50.24	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	274545	48.79	ng	# 87
20) 3+4-Methylphenols	8.81	107	395744	53.71	ng	98
22) Acetophenone	8.86	105	505068	54.25	ng	93
24) Nitrobenzene	9.25	77	418661	53.87	ng	97
25) Isophorone	9.77	82	754796	51.64	ng	98
26) 2-Nitrophenol	9.96	139	169889	61.25	ng	94
27) 2,4-Dimethylphenol	10.02	122	301117	63.26	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	434845	49.85	ng	100
29) 2,4-Dichlorophenol	10.50	162	334919	60.24	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	376521	56.63	ng	96
31) Naphthalene	10.90	128	1004334	55.16	ng	98
32) Benzoic acid	10.17	122	180567	48.55	ng	96
33) 4-Chloroaniline	11.00	127	49421	6.03	ng	94
34) Hexachlorobutadiene	11.20	225	248111	56.75	ng	96
35) Caprolactam	11.77	113	45562	21.64	ng	# 61
36) 4-Chloro-3-methylphenol	12.12	107	374996	56.55	ng	97
37) 2-Methylnaphthalene	12.51	142	751857	55.21	ng	98
38) 1-Methylnaphthalene	12.72	142	731267	57.11	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	406146	55.57	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040720\
 Data File : BG044968.D
 Acq On : 7 Apr 2020 23:40
 Operator : CG/JU
 Sample : L212-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

Quant Time: Apr 08 02:25:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

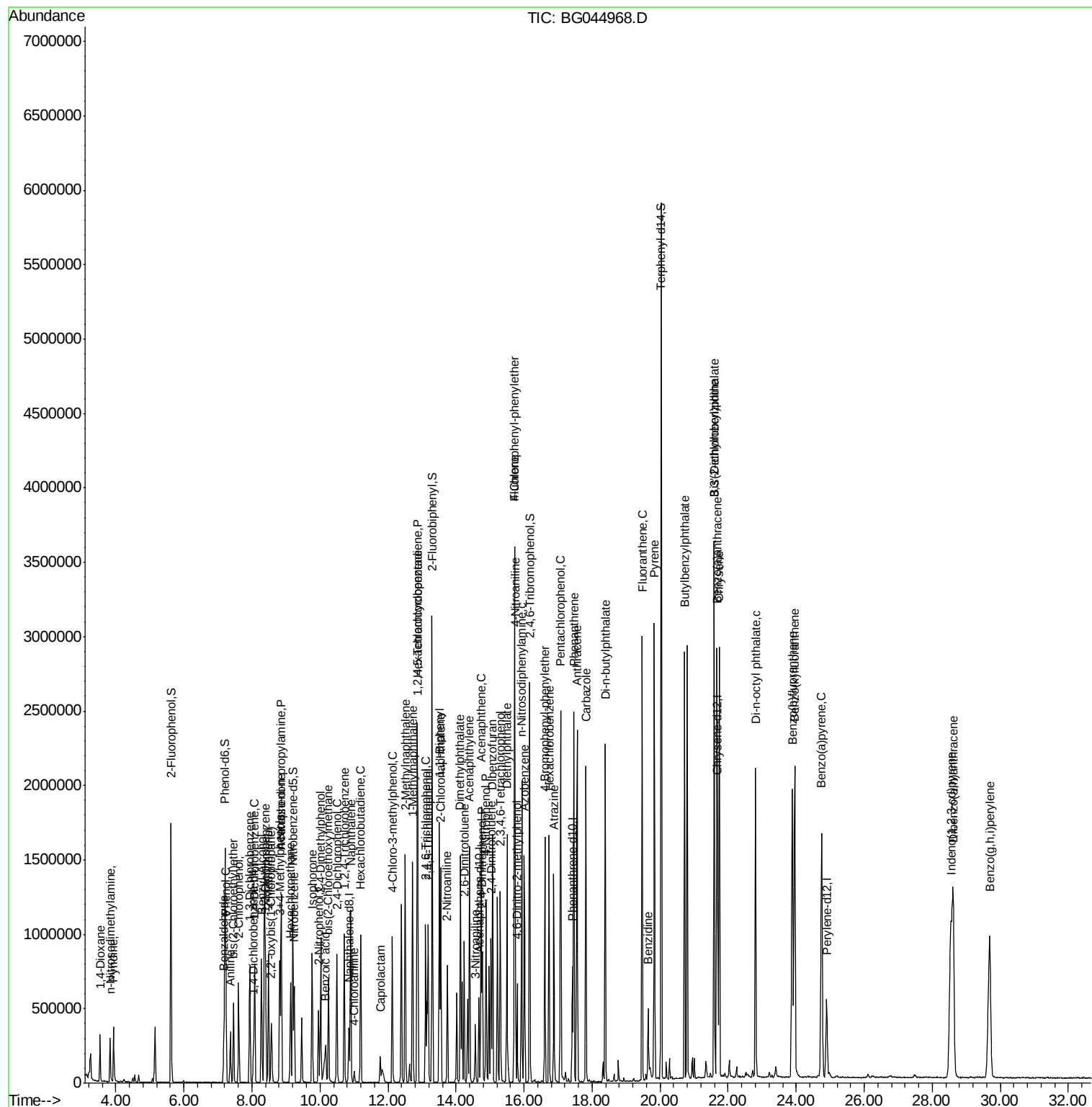
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	529197	132.50	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	290914	59.98	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	308407	61.32	ng	92
46) 1,1'-Biphenyl	13.51	154	946477	53.37	ng	98
47) 2-Chloronaphthalene	13.55	162	739986	54.63	ng	98
48) 2-Nitroaniline	13.74	65	225912	47.63	ng	87
49) Acenaphthylene	14.40	152	1193534	56.24	ng	98
50) Dimethylphthalate	14.13	163	1046298	59.20	ng	100
51) 2,6-Dinitrotoluene	14.24	165	222643	62.50	ng	96
52) Acenaphthene	14.74	154	875191	62.97	ng	97
53) 3-Nitroaniline	14.57	138	106046	25.89	ng	89
54) 2,4-Dinitrophenol	14.78	184	230121	119.08	ng	97
55) Dibenzofuran	15.07	168	1156693	57.39	ng	99
56) 4-Nitrophenol	14.88	139	341044	109.10	ng	90
57) 2,4-Dinitrotoluene	15.03	165	309369	63.32	ng	96
58) Fluorene	15.72	166	957348	57.74	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	294985	63.70	ng	95
60) Diethylphthalate	15.50	149	988937	53.65	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	528414	59.19	ng	97
62) 4-Nitroaniline	15.74	138	220271	50.43	ng	96
63) Azobenzene	16.01	77	988276	51.63	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	177902	69.13	ng	89
66) n-Nitrosodiphenylamine	15.93	169	855857	55.03	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	367018	56.84	ng	97
68) Hexachlorobenzene	16.74	284	387885	55.37	ng	98
69) Atrazine	16.88	200	290654	51.01	ng	99
70) Pentachlorophenol	17.08	266	504189	130.80	ng	99
71) Phenanthrene	17.46	178	1537985	55.72	ng	99
72) Anthracene	17.56	178	1578751	58.00	ng	97
73) Carbazole	17.82	167	1490584	57.01	ng	99
74) Di-n-butylphthalate	18.39	149	1712326	53.88	ng	99
75) Fluoranthene	19.47	202	1935149	58.88	ng	97
77) Benzidine	19.64	184	454513	26.78	ng	100
78) Pyrene	19.83	202	1908841	49.77	ng	96
80) Butylbenzylphthalate	20.72	149	836003	48.99	ng	99
81) Benzo(a)anthracene	21.67	228	1906203	50.63	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	445153	30.57	ng	99
83) Chrysene	21.74	228	1829382	50.87	ng	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	1159793	49.25	ng	97
85) Di-n-octyl phthalate	22.80	149	1992621	50.56	ng	# 93
86) Indeno(1,2,3-cd)pyrene	28.54	276	2534439	53.76	ng	# 94
88) Benzo(b)fluoranthene	23.88	252	2123664	56.05	ng	98
89) Benzo(k)fluoranthene	23.95	252	2014082	56.18	ng	98
90) Benzo(a)pyrene	24.75	252	1955962	55.17	ng	97
91) Dibenzo(a,h)anthracene	28.61	278	2056071	58.79	ng	96
92) Benzo(g,h,i)perylene	29.69	276	2092917	59.23	ng	97

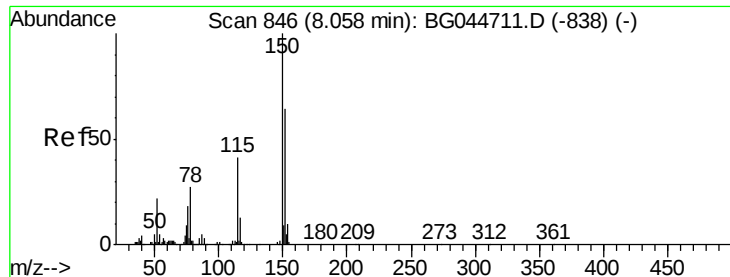
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040720\
 Data File : BG044968.D
 Acq On : 7 Apr 2020 23:40
 Operator : CG/JU
 Sample : L212-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

Quant Time: Apr 08 02:25:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

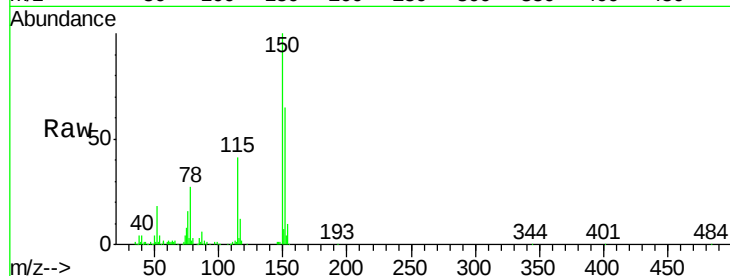
Tgt Ion:152 Resp: 85390

Ion Ratio Lower Upper

152 100

150 153.6 128.8 193.2

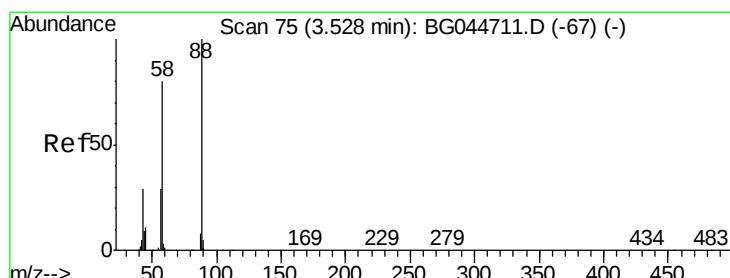
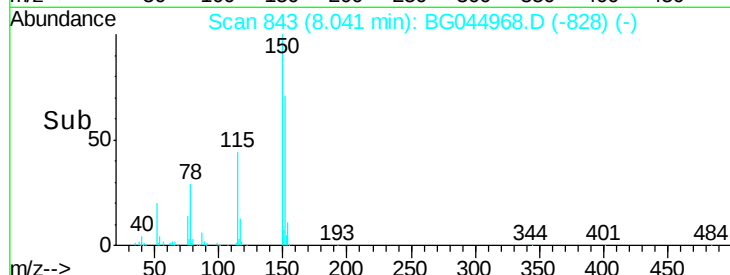
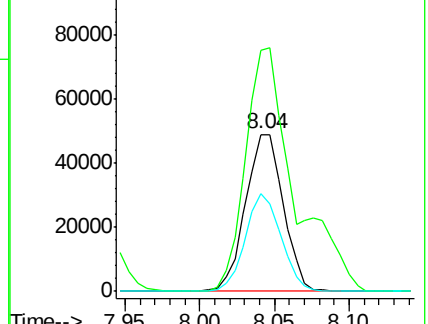
115 62.2 52.6 79.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.55 ng

RT: 3.54 min Scan# 76

Delta R.T. 0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

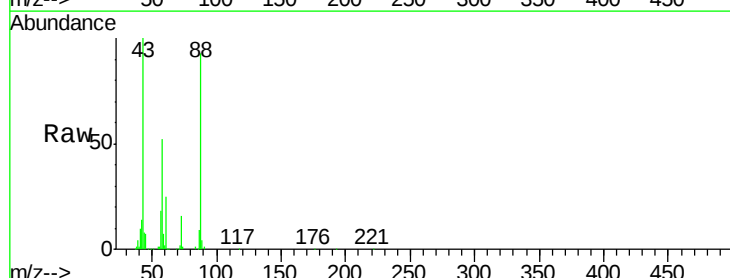
Tgt Ion: 88 Resp: 115031

Ion Ratio Lower Upper

88 100

58 58.5 63.0 94.4#

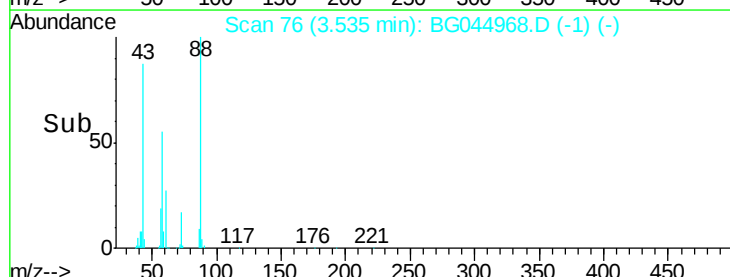
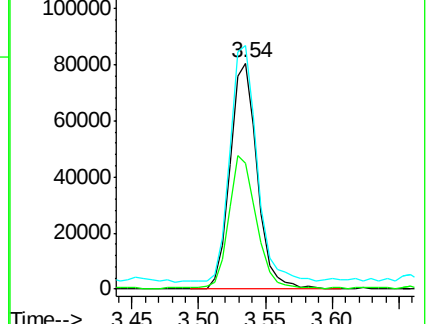
43 103.4 24.8 37.2#

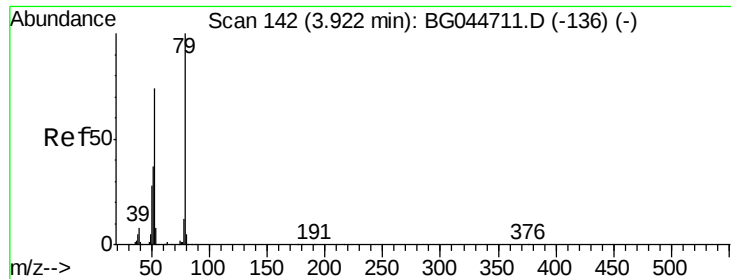


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.92 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

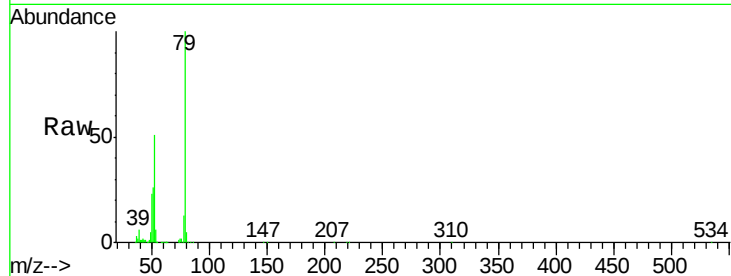
Tgt Ion: 79 Resp: 249598

Ion Ratio Lower Upper

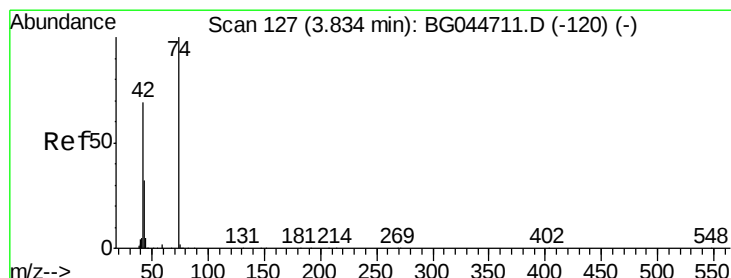
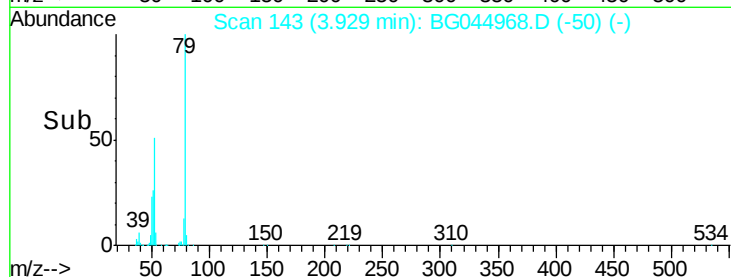
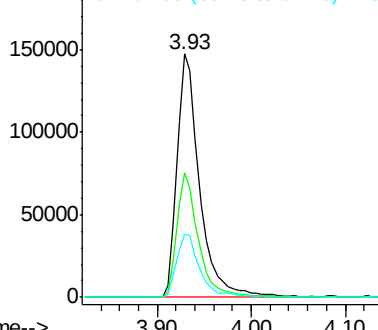
79 100

52 51.1 56.3 84.5#

51 26.2 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: BG044968.D

Acq: 7 Apr 2020 23:40

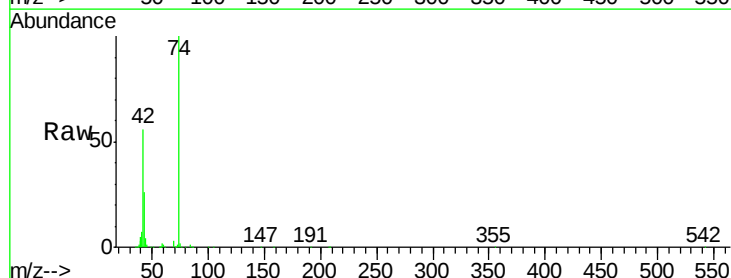
Tgt Ion: 42 Resp: 124593

Ion Ratio Lower Upper

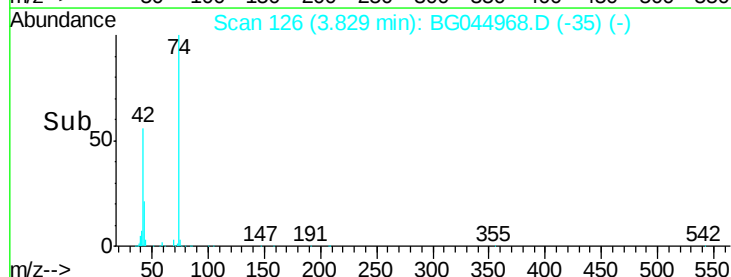
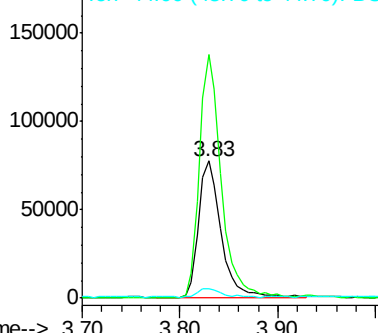
42 100

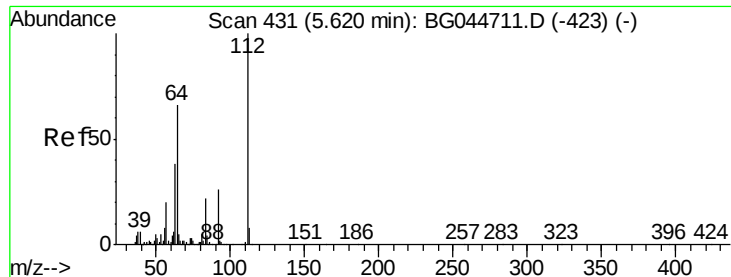
74 177.9 109.1 163.7#

44 6.9 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: 148.41 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

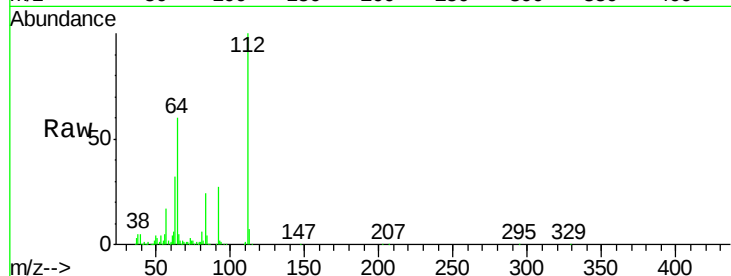
Tgt Ion: 112 Resp: 814079

Ion Ratio Lower Upper

112 100

64 59.6 53.4 80.2

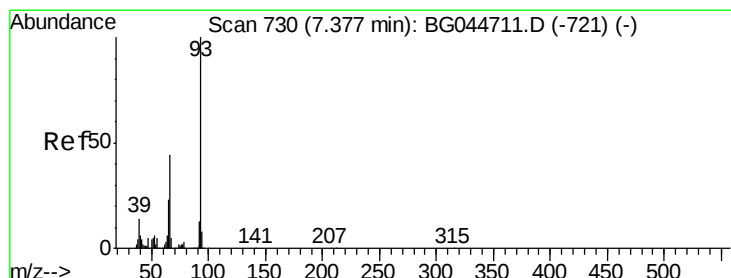
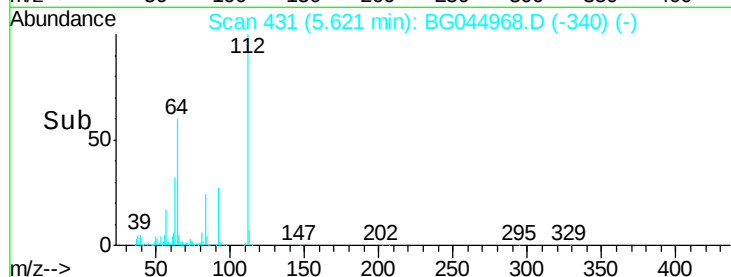
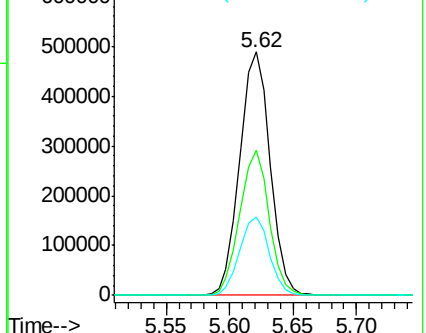
63 32.0 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.11 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

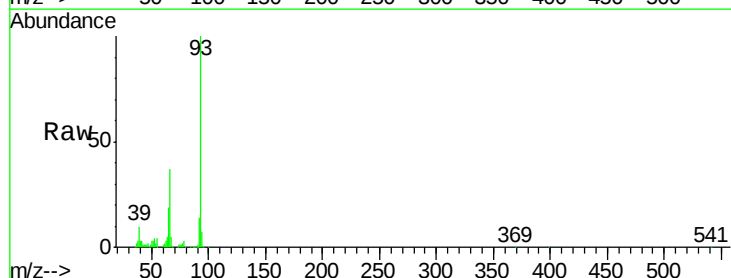
Tgt Ion: 93 Resp: 258938

Ion Ratio Lower Upper

93 100

66 37.0 33.7 50.5

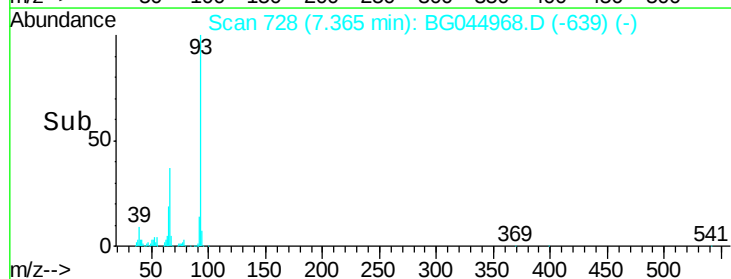
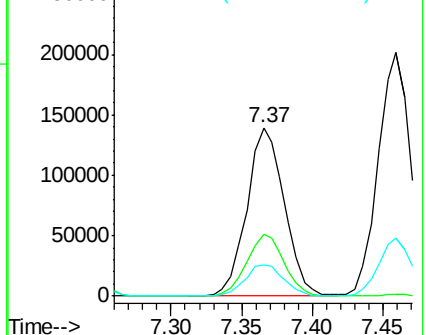
65 18.7 17.7 26.5

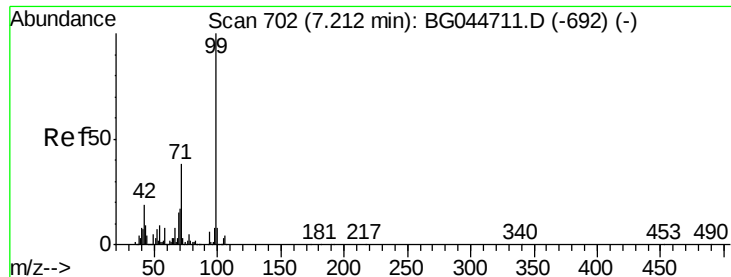


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.15 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

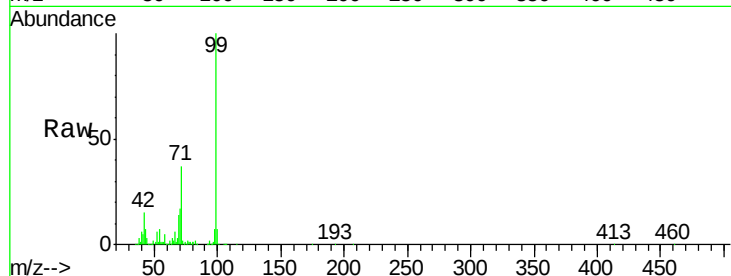
Tgt Ion: 99 Resp: 1053187

Ion Ratio Lower Upper

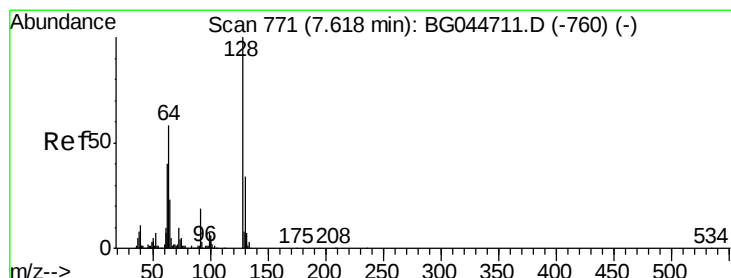
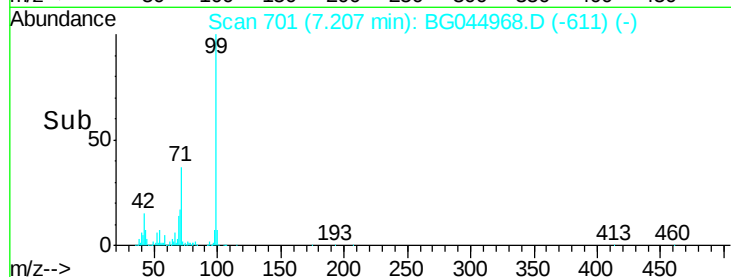
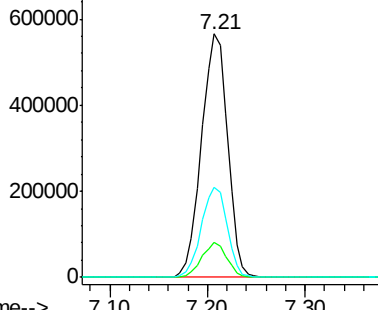
99 100

42 14.6 12.6 19.0

71 36.9 29.0 43.4



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



#8

2-Chlorophenol

Concen: 60.04 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

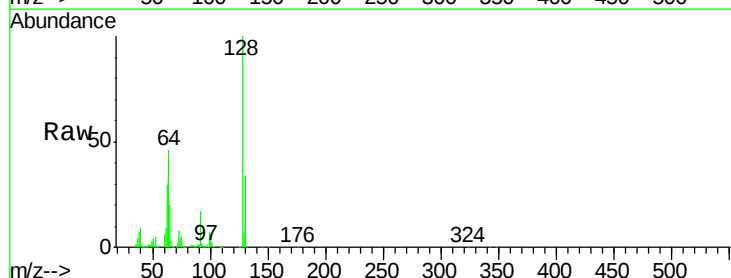
Tgt Ion: 128 Resp: 328788

Ion Ratio Lower Upper

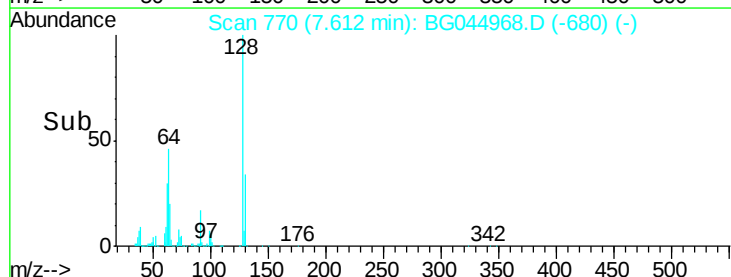
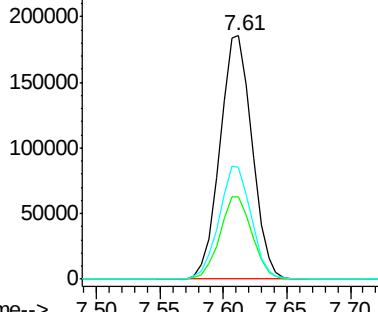
128 100

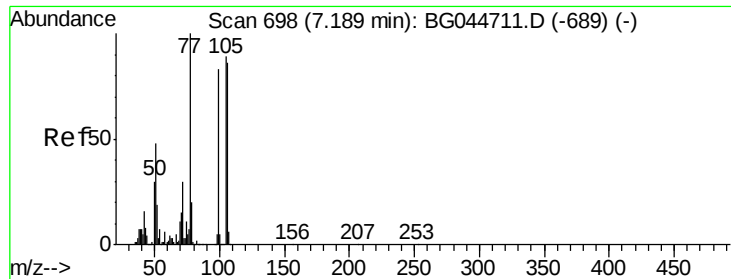
130 34.1 11.6 51.6

64 46.0 34.5 74.5



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





#9

Benzaldehyde

Concen: 20.54 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

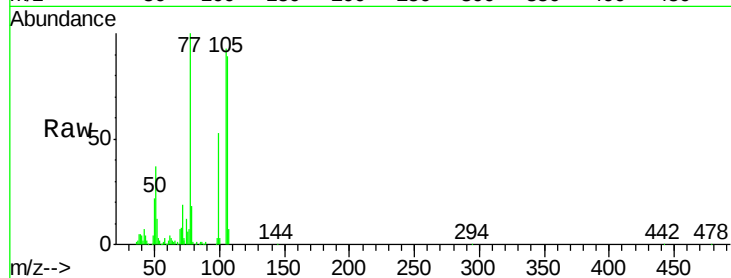
Tgt Ion: 77 Resp: 116284

Ion Ratio Lower Upper

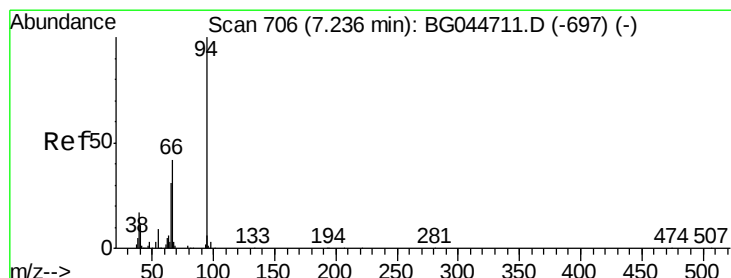
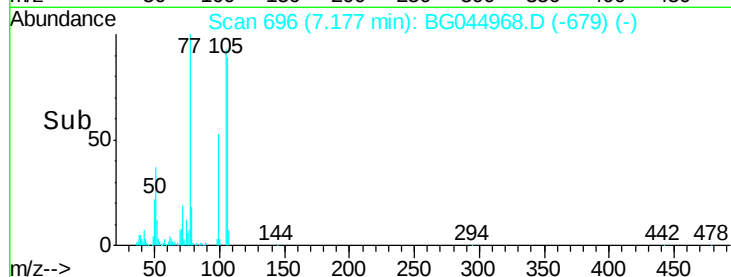
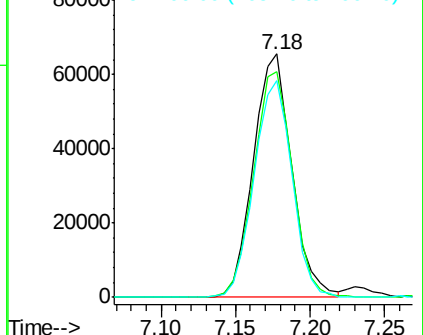
77 100

105 92.9 69.3 109.3

106 89.1 64.5 104.5



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



#10

Phenol

Concen: 48.46 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

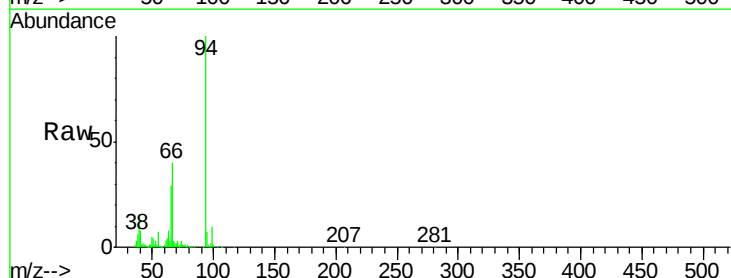
Tgt Ion: 94 Resp: 382331

Ion Ratio Lower Upper

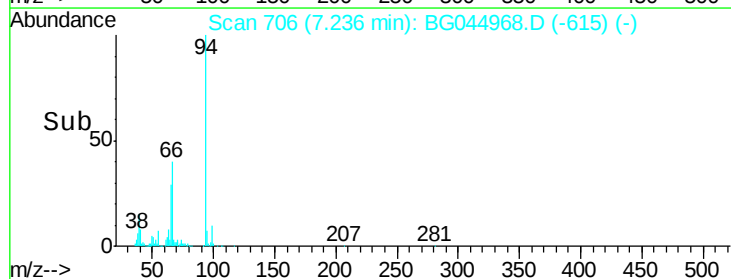
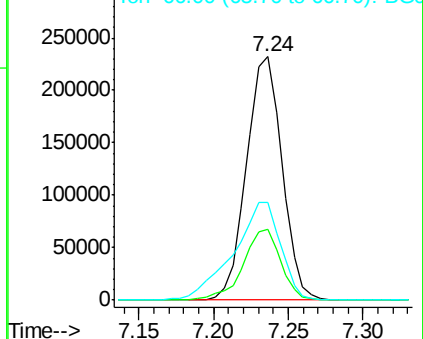
94 100

65 29.1 11.0 51.0

66 40.1 20.1 60.1



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

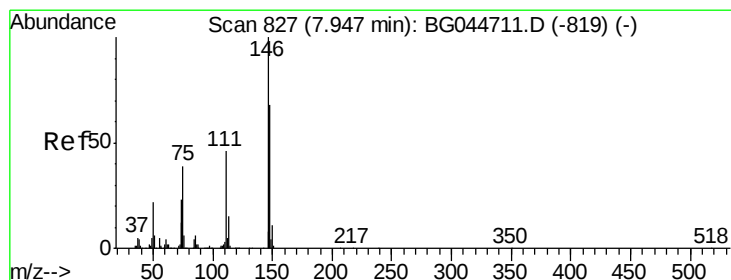
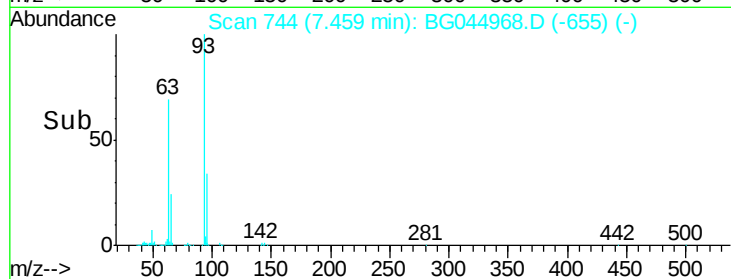
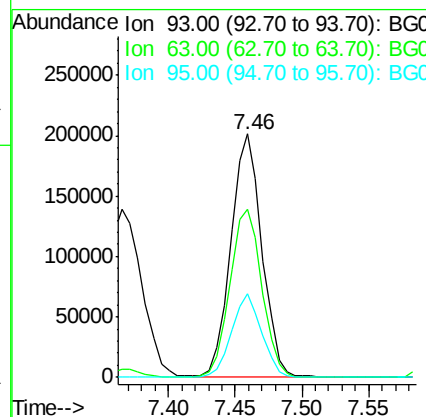
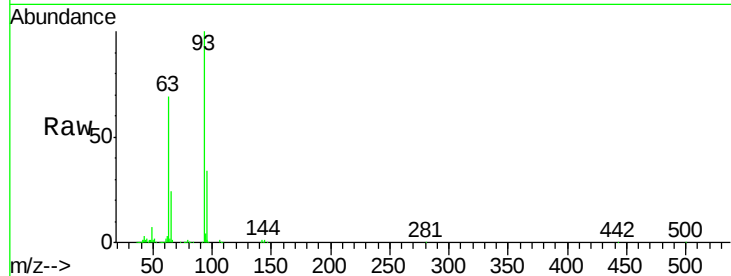




#11
 bis(2-Chloroethyl)ether
 Concen: 51.70 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

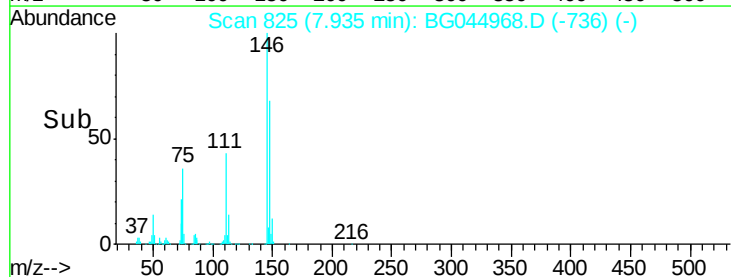
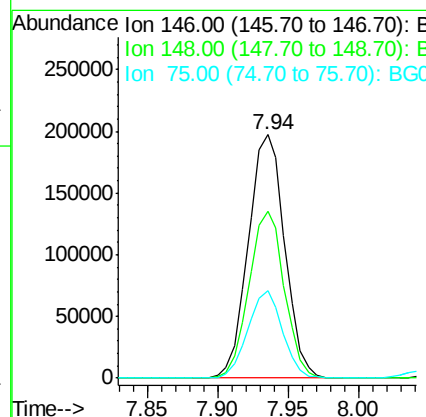
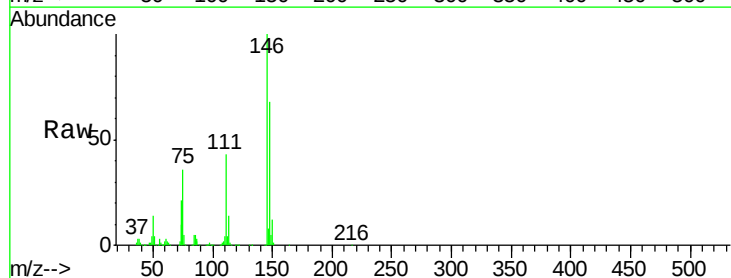
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

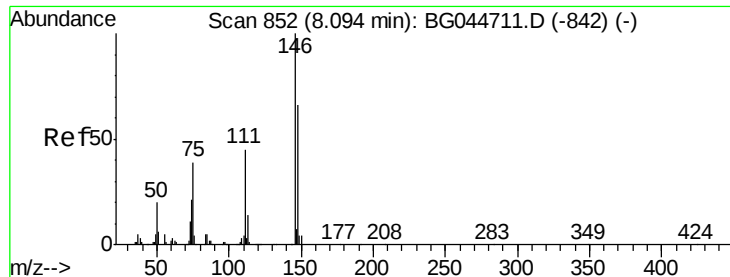
Tgt Ion: 93 Resp: 325543
 Ion Ratio Lower Upper
 93 100
 63 68.9 59.7 99.7
 95 34.2 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 52.80 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion: 146 Resp: 356165
 Ion Ratio Lower Upper
 146 100
 148 68.5 54.2 81.4
 75 35.8 28.6 42.8

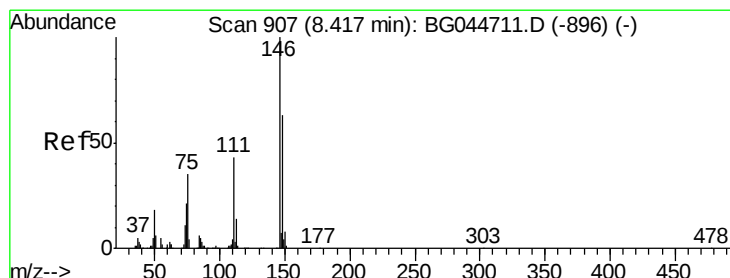
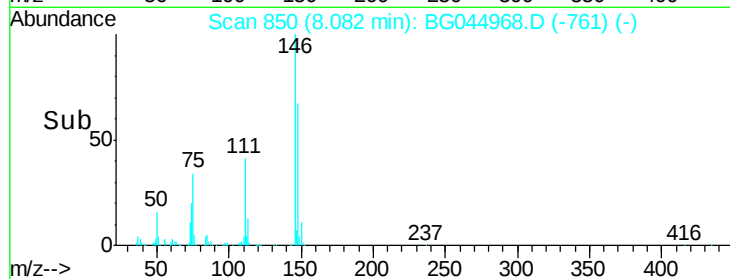
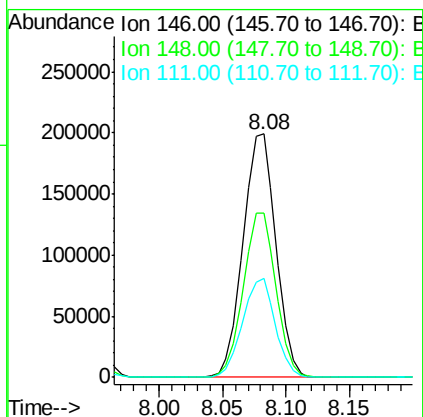
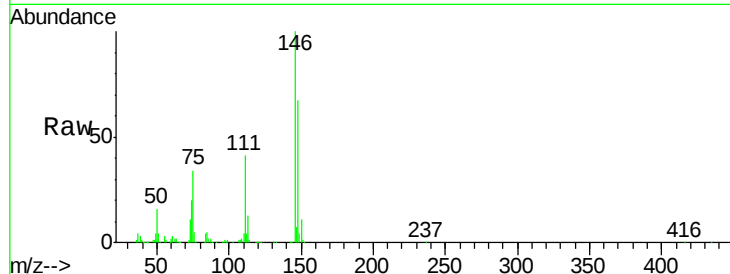




#13
 1,4-Dichlorobenzene
 Concen: 53.78 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

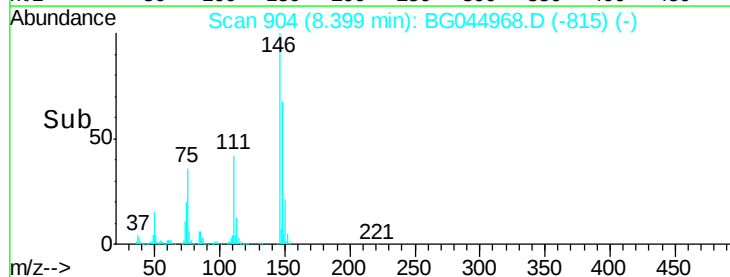
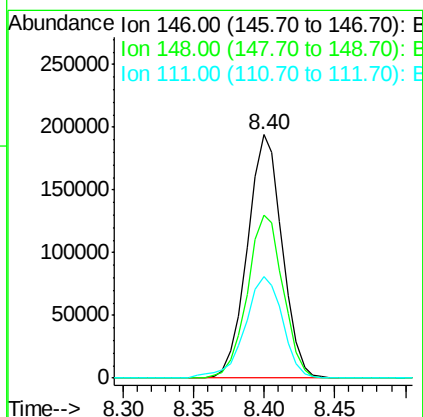
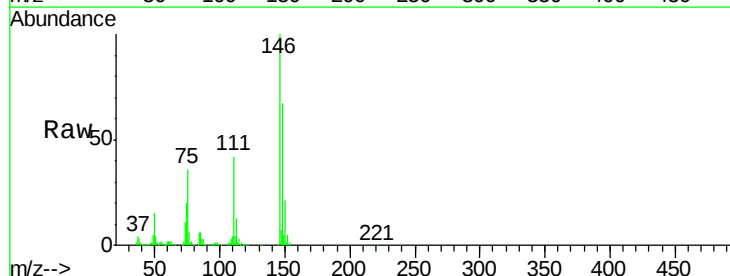
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

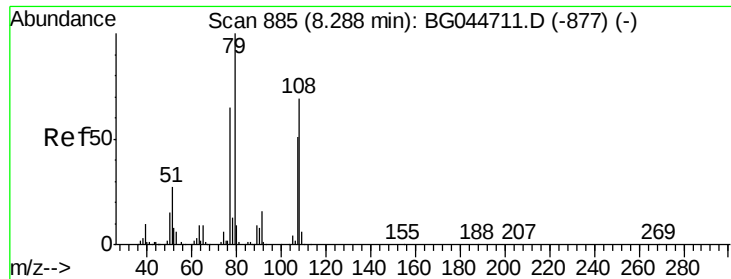
Tgt Ion:146 Resp: 358645
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.8 80.6
 111 40.7 32.0 48.0



#14
 1,2-Dichlorobenzene
 Concen: 52.99 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:146 Resp: 335140
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.1 78.1
 111 41.9 33.4 50.2





#15

Benzyl Alcohol

Concen: 52.60 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

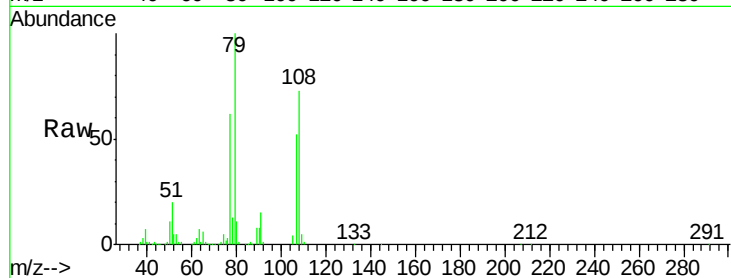
Tgt Ion: 79 Resp: 336365

Ion Ratio Lower Upper

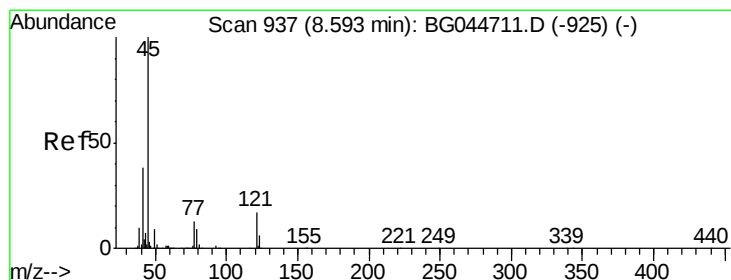
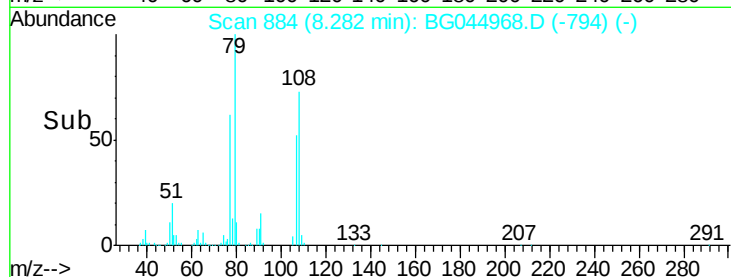
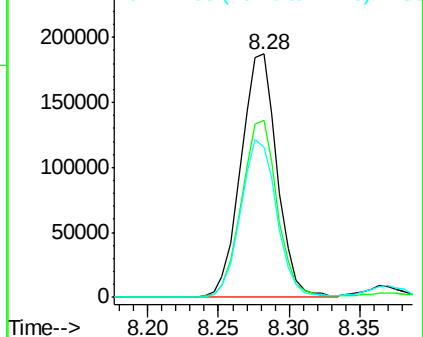
79 100

108 72.8 53.8 80.8

77 61.6 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: 27.91 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

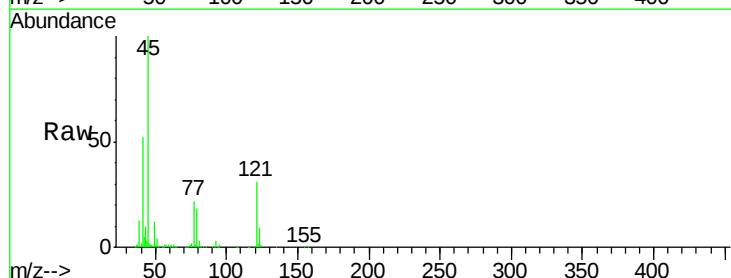
Tgt Ion: 45 Resp: 310175

Ion Ratio Lower Upper

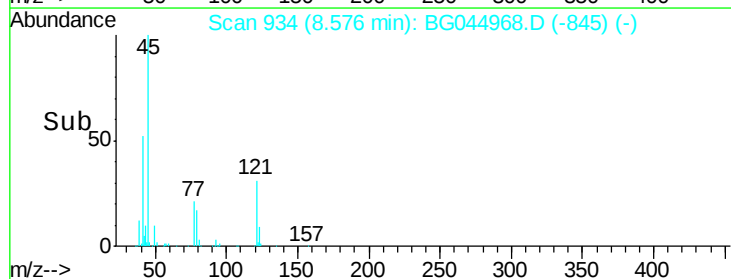
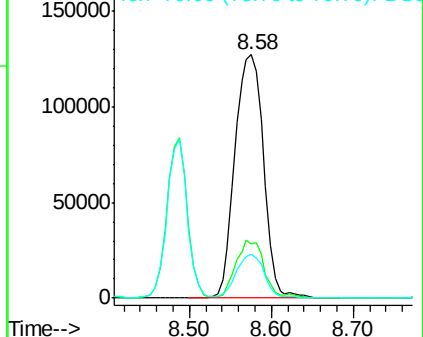
45 100

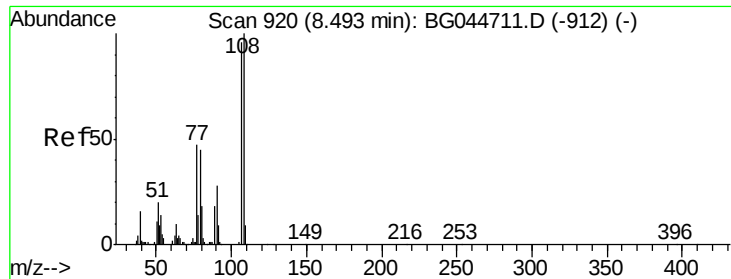
77 22.2 0.0 33.9

79 18.2 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

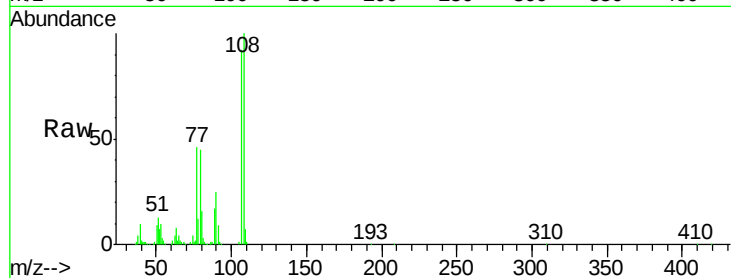




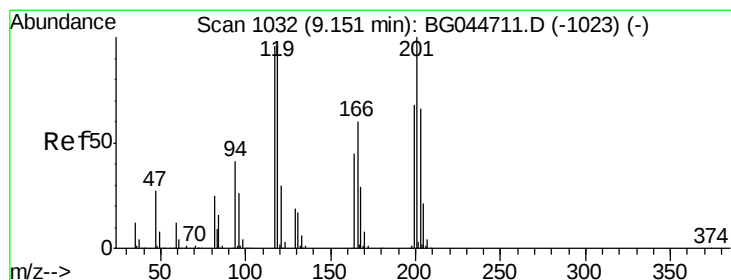
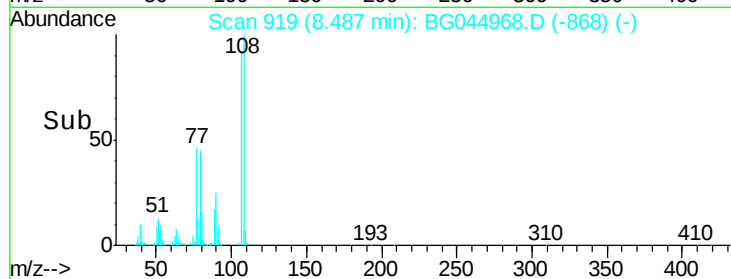
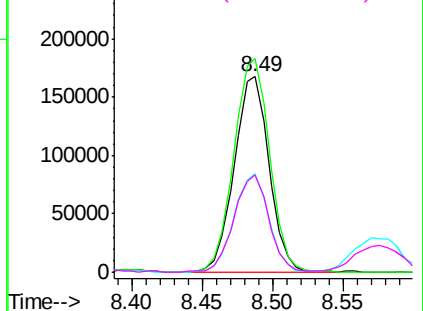
#17
2-Methylphenol
Concen: 54.26 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

Tgt Ion:	107	Resp:	290030
Ion	Ratio	Lower	Upper
107	100		
108	109.1	91.8	137.8
77	50.1	40.0	60.0
79	49.5	40.2	60.2

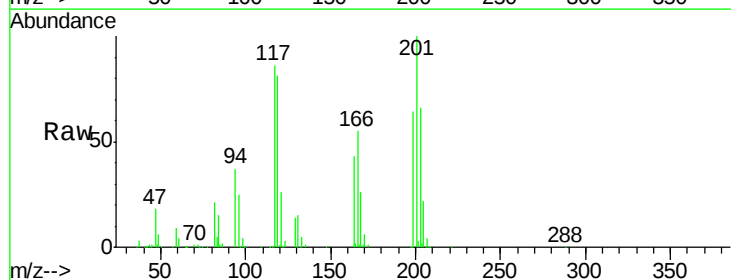


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

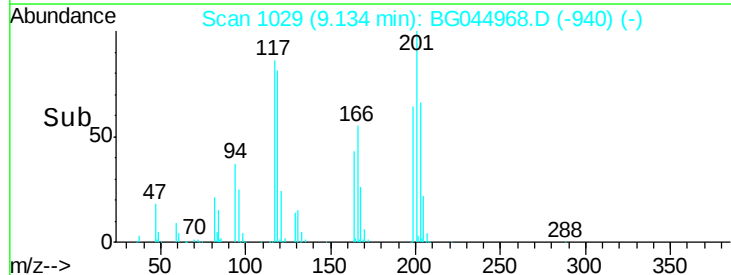
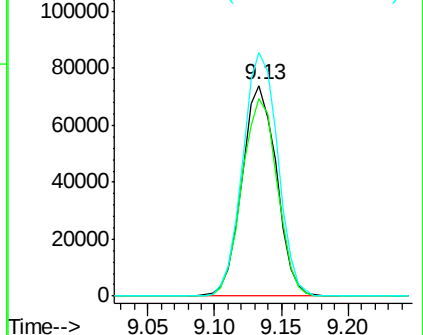


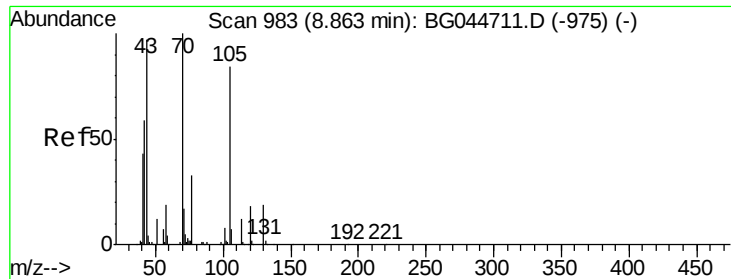
#18
Hexachloroethane
Concen: 50.24 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion:	117	Resp:	131915
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
201	115.6	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

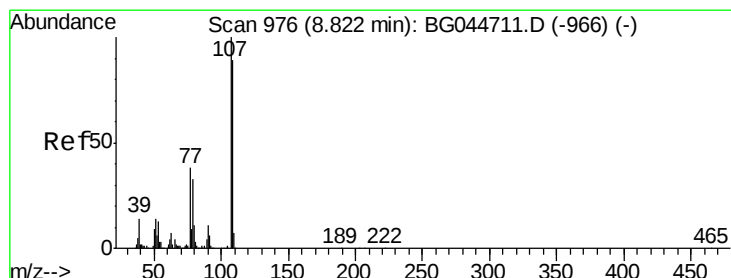
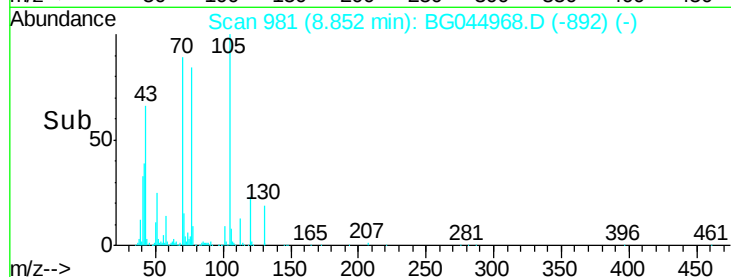
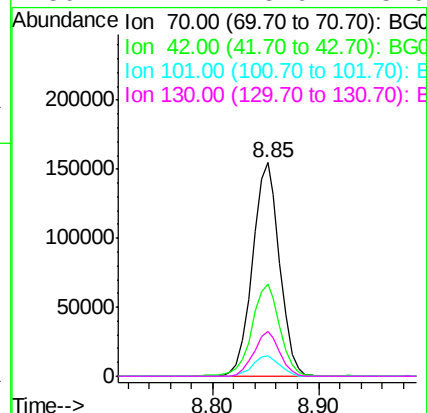
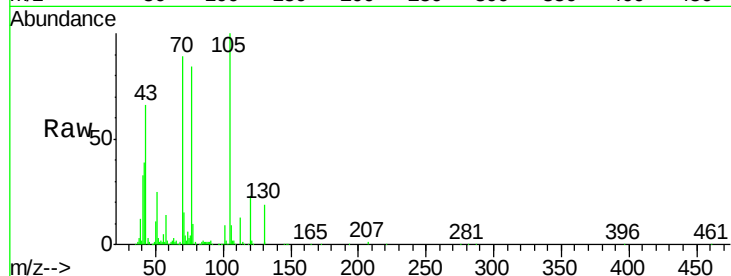




#19
n-Nitroso-di-n-propylamine
Concen: 48.79 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

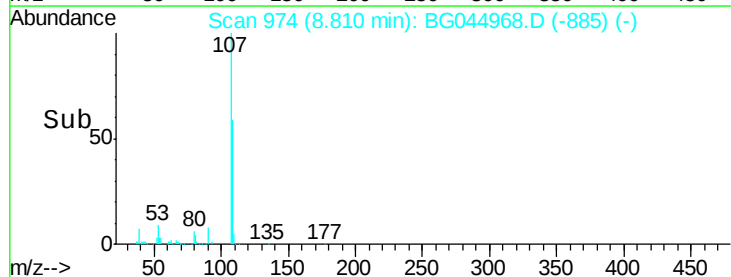
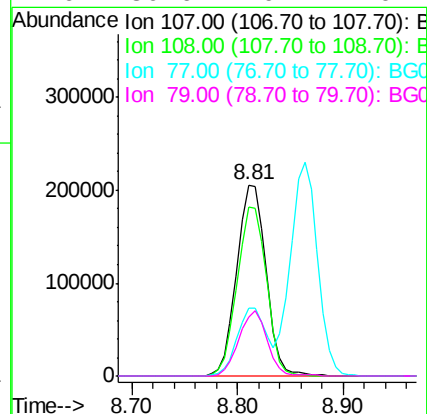
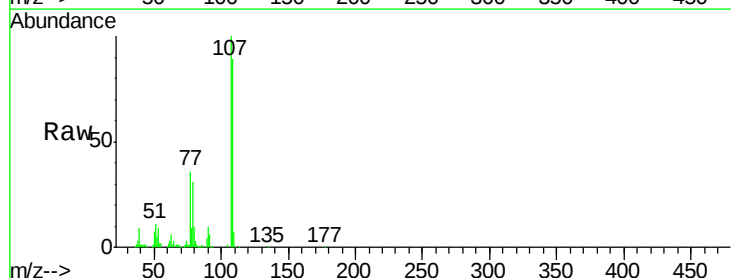
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

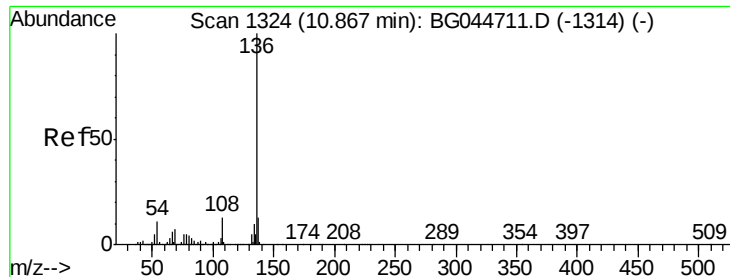
Tgt Ion: 70 Resp: 274545
Ion Ratio Lower Upper
70 100
42 43.1 45.7 68.5#
101 9.8 7.4 11.2
130 21.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 53.71 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion: 107 Resp: 395744
Ion Ratio Lower Upper
107 100
108 88.7 71.3 111.3
77 35.6 16.9 56.9
79 30.6 9.7 49.7

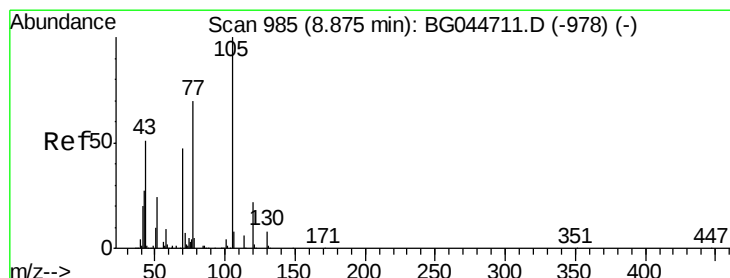
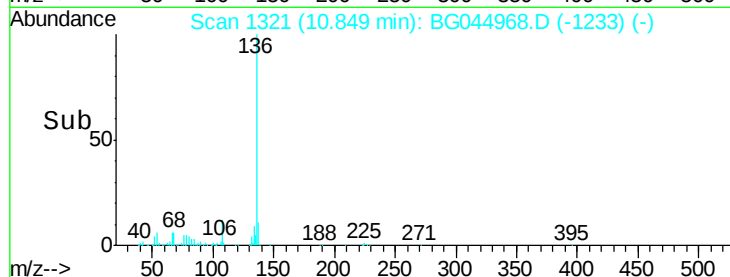
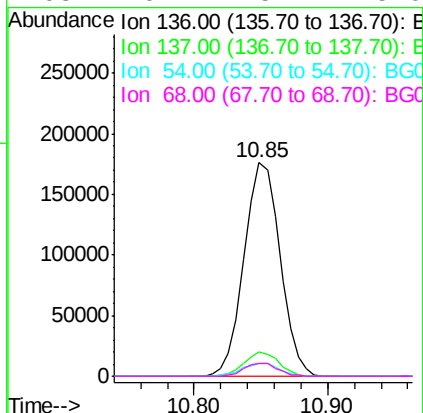
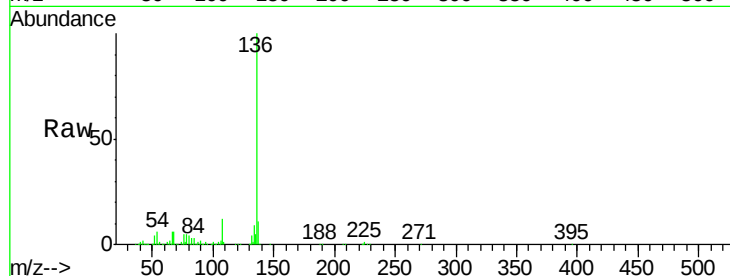




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

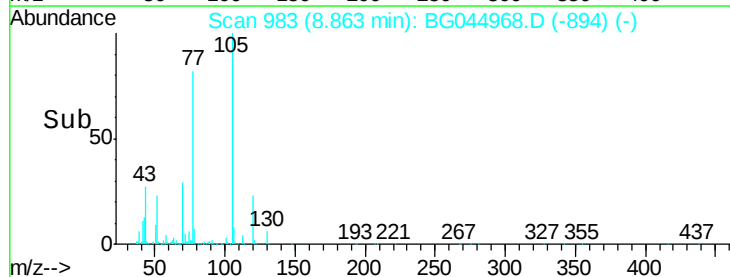
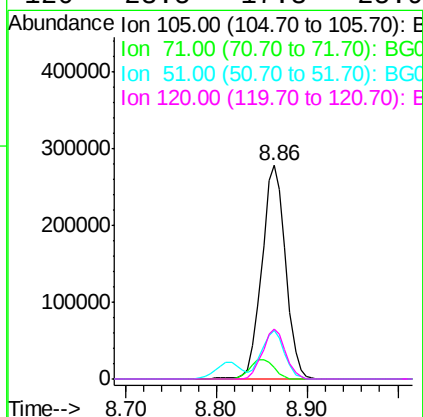
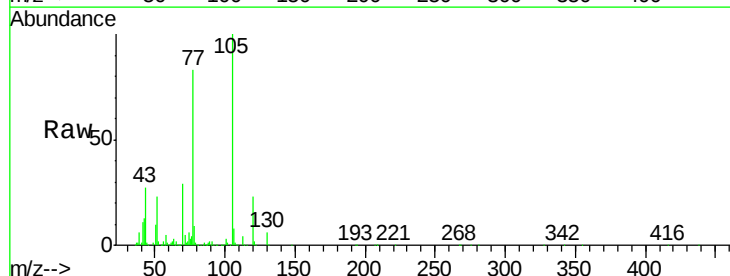
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

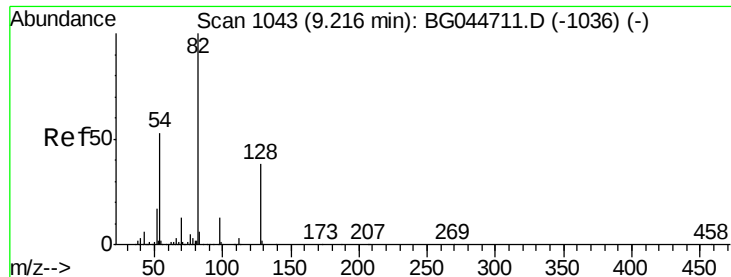
Tgt Ion:	136	Resp:	328657
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	5.9	7.9	11.9#
68	6.1	5.4	8.0



#22
Acetophenone
Concen: 54.25 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion:	105	Resp:	505068
Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.9	5.9
51	22.9	22.6	33.8
120	23.5	17.3	25.9

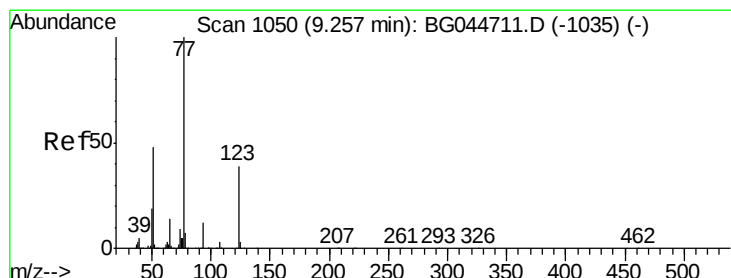
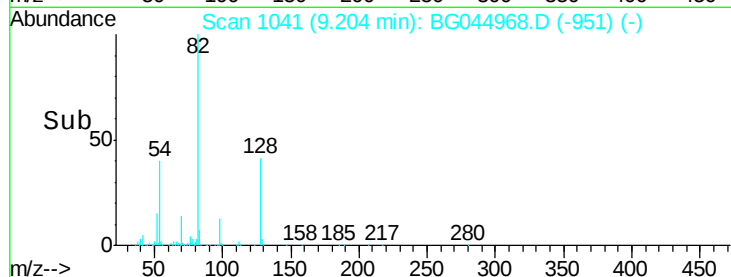
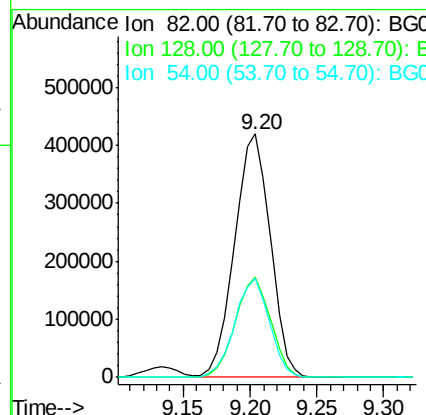
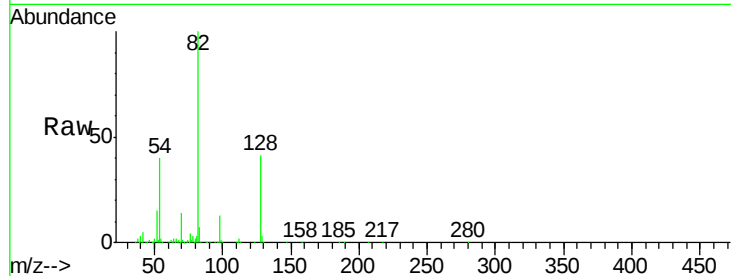




#23
 Nitrobenzene-d5
 Concen: 104.15 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

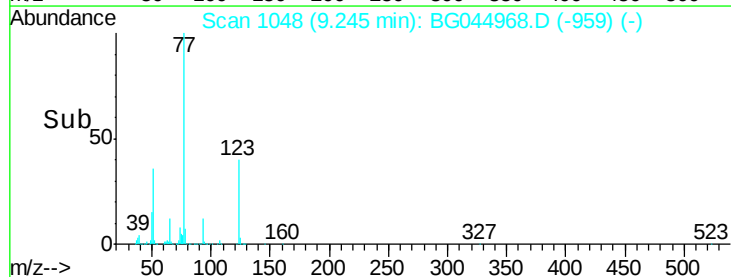
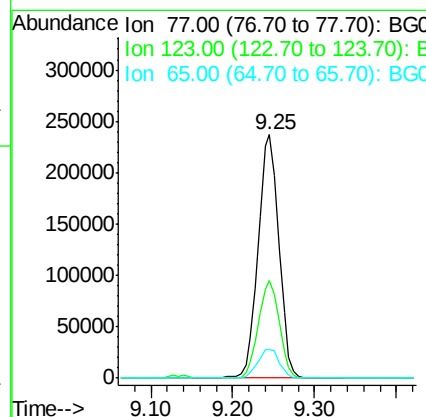
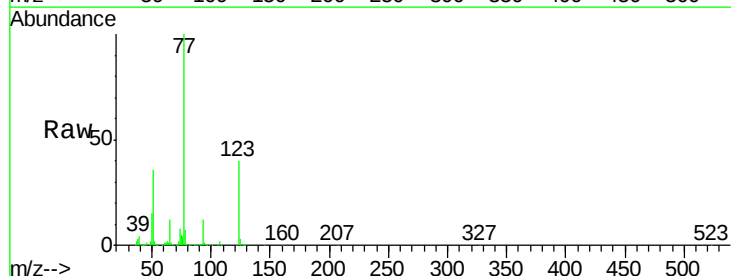
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

Tgt Ion: 82 Resp: 780080
 Ion Ratio Lower Upper
 82 100
 128 41.0 30.6 46.0
 54 40.4 37.1 55.7



#24
 Nitrobenzene
 Concen: 53.87 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion: 77 Resp: 418661
 Ion Ratio Lower Upper
 77 100
 123 40.0 31.3 46.9
 65 11.8 11.4 17.0





#25

Isophorone

Concen: 51.64 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

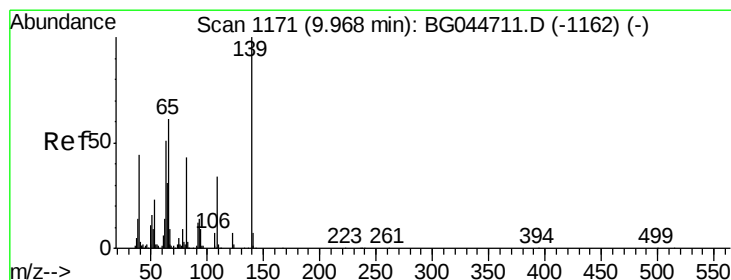
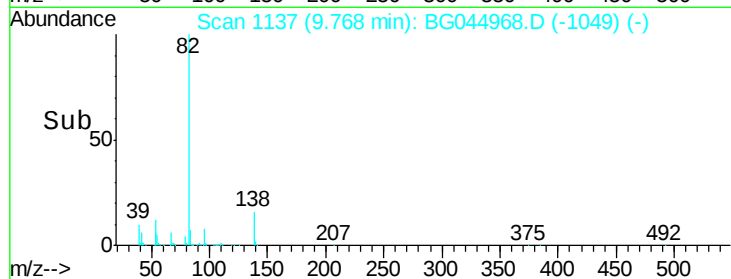
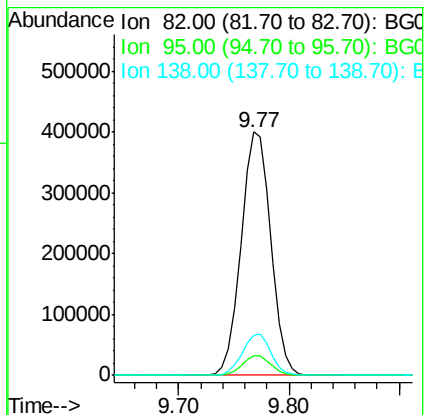
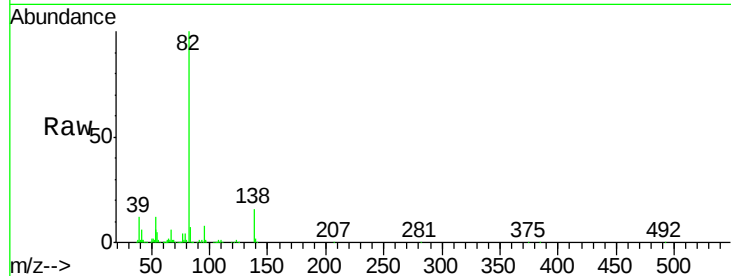
Tgt Ion: 82 Resp: 754796

Ion Ratio Lower Upper

82 100

95 8.1 5.5 8.3

138 16.4 12.5 18.7



#26

2-Nitrophenol

Concen: 61.25 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

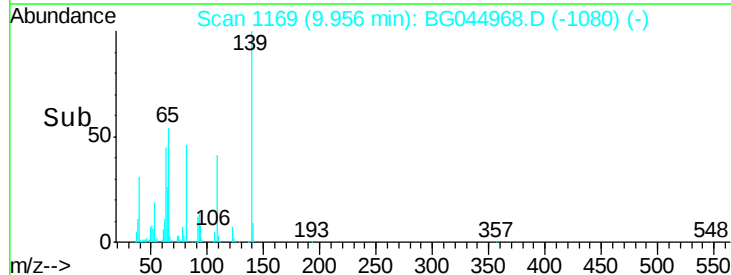
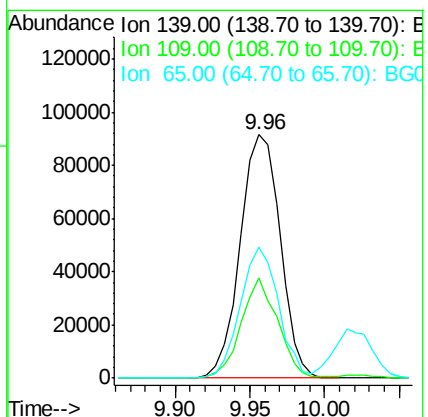
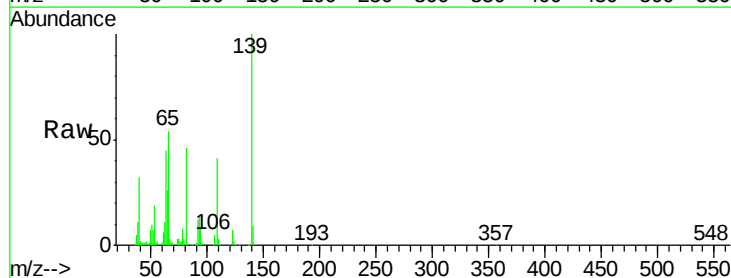
Tgt Ion: 139 Resp: 169889

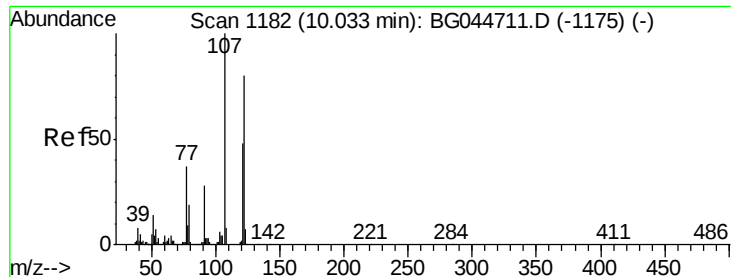
Ion Ratio Lower Upper

139 100

109 41.4 30.2 45.4

65 53.9 46.3 69.5

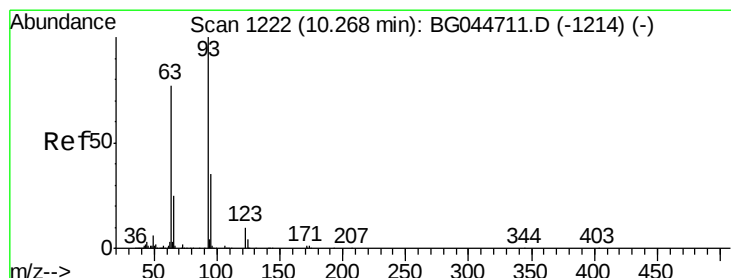
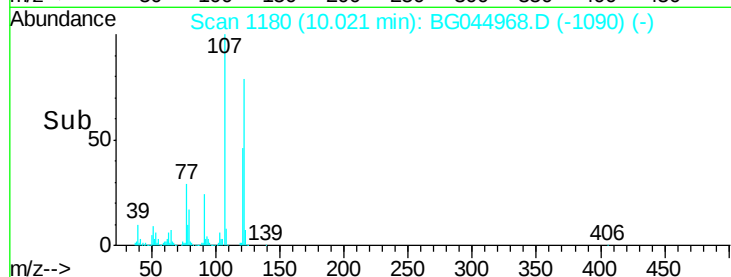
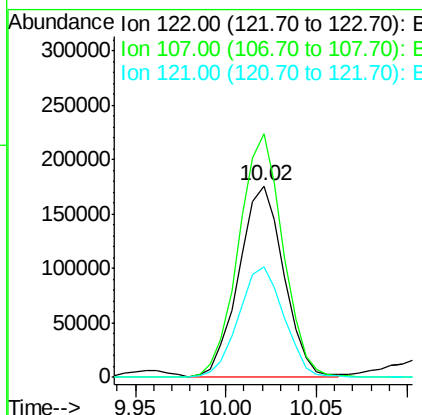
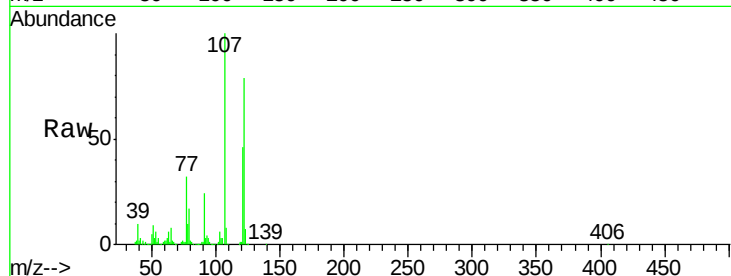




#27
 2,4-Dimethylphenol
 Concen: 63.26 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

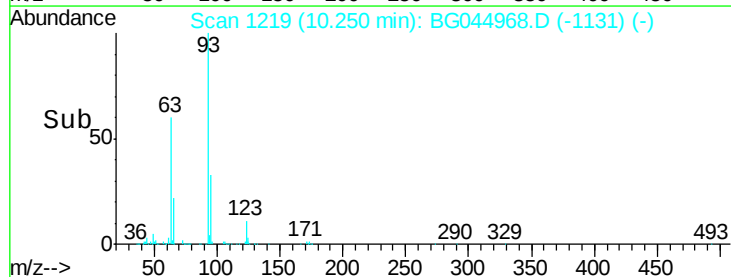
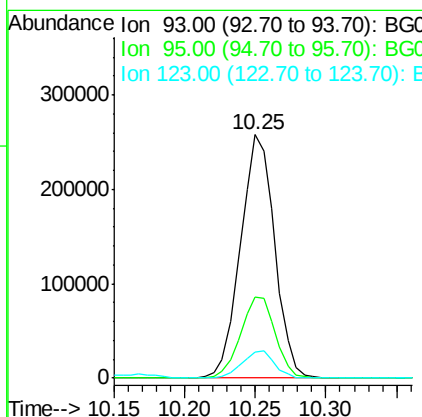
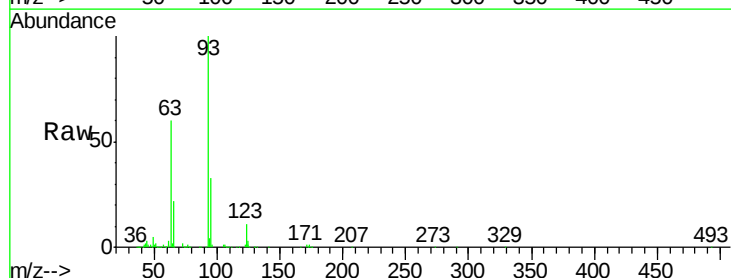
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

Tgt Ion:122 Resp: 301117
 Ion Ratio Lower Upper
 122 100
 107 127.0 107.1 160.7
 121 57.8 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.85 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion: 93 Resp: 434845
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 10.9 8.4 12.6

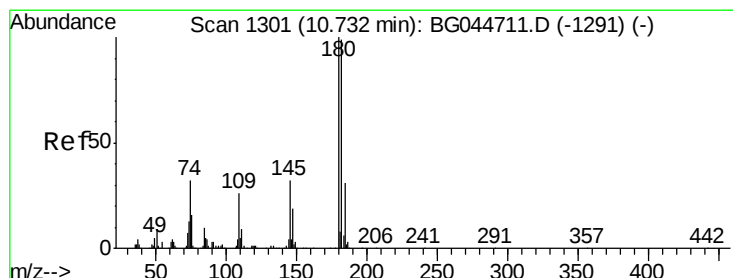
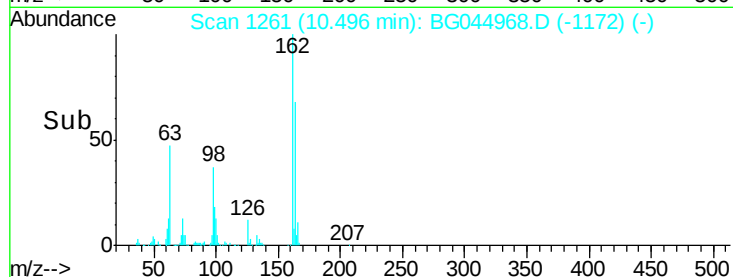
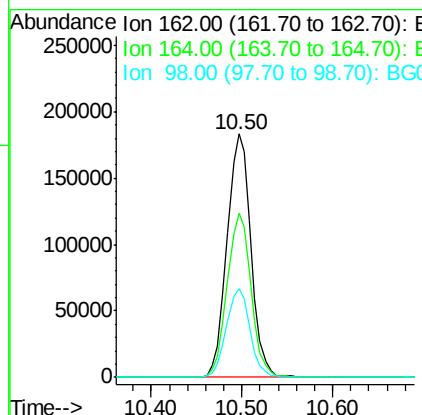
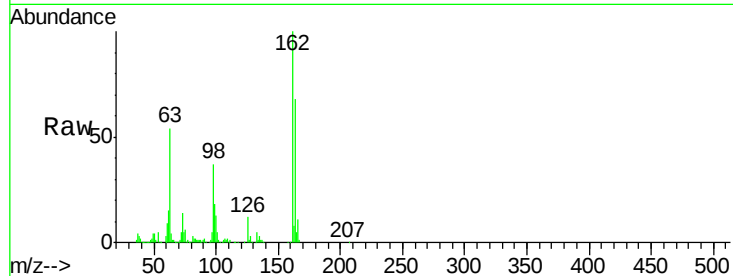




#29
2,4-Dichlorophenol
Concen: 60.24 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

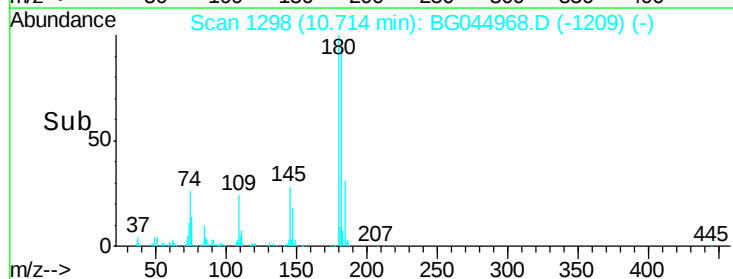
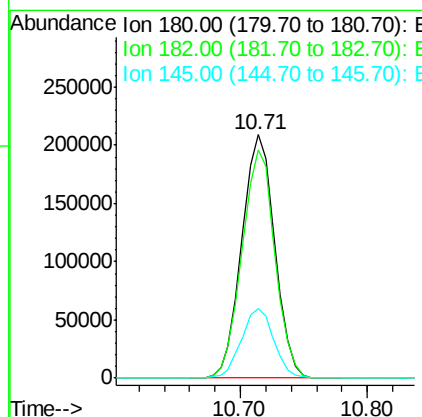
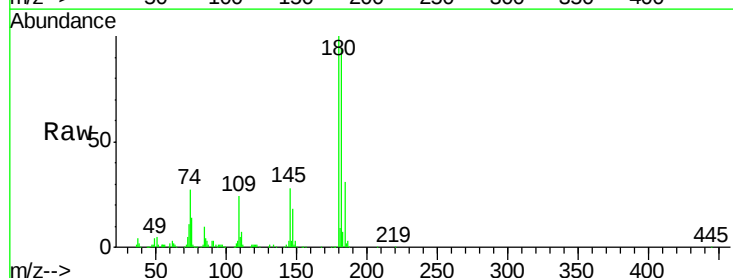
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

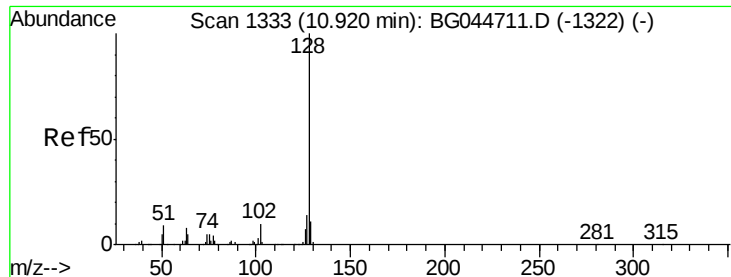
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.7	45.2	85.2
98	36.5	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 56.63 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	71.6	107.4
145	28.5	23.4	35.0

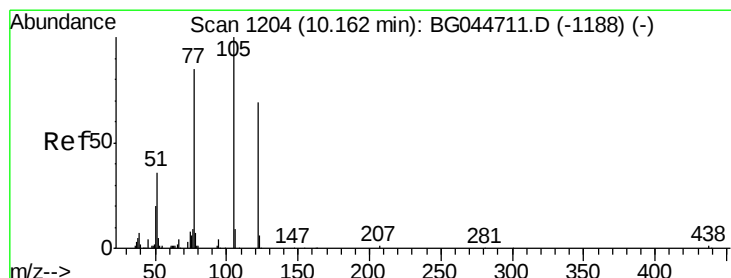
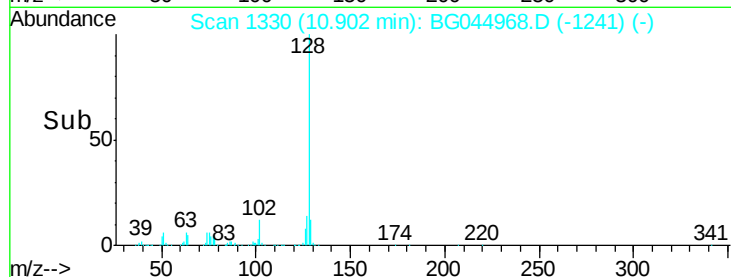
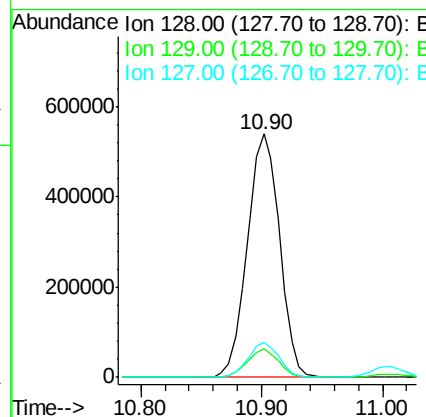
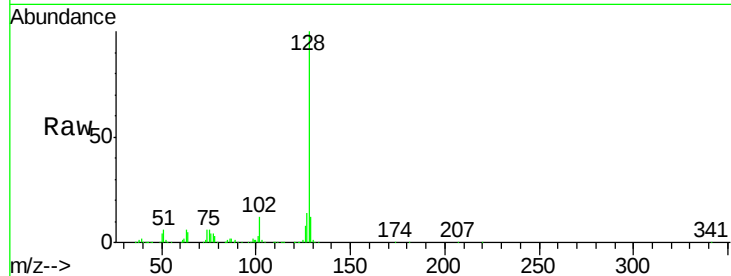




#31
Naphthalene
Concen: 55.16 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

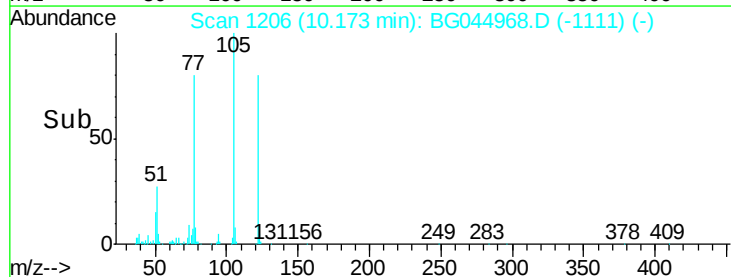
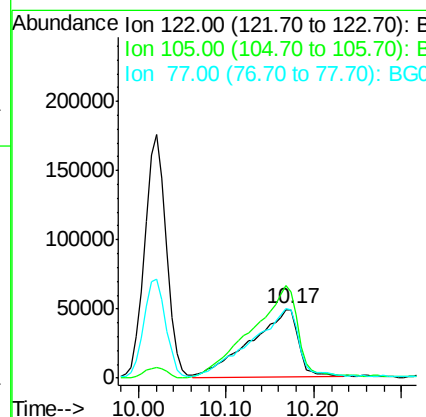
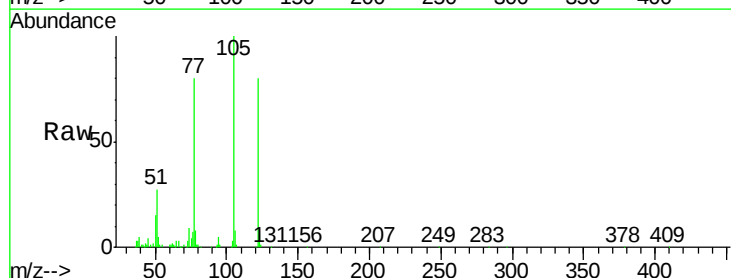
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

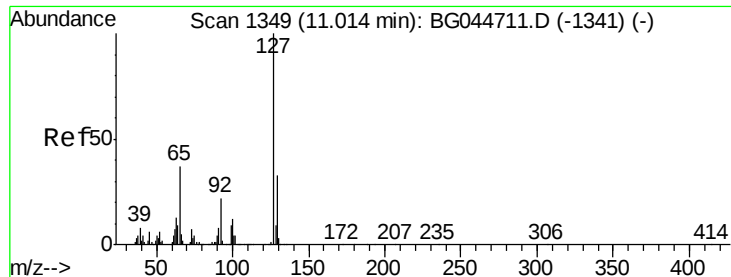
Tgt Ion:128 Resp: 1004334
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 14.5 10.8 16.2



#32
Benzoic acid
Concen: 48.55 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion:122 Resp: 180567
Ion Ratio Lower Upper
122 100
105 125.0 109.1 149.1
77 99.9 85.3 125.3

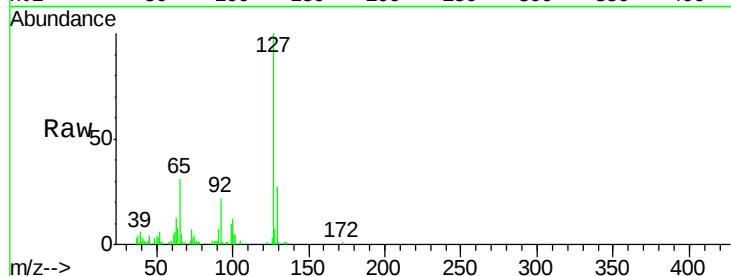




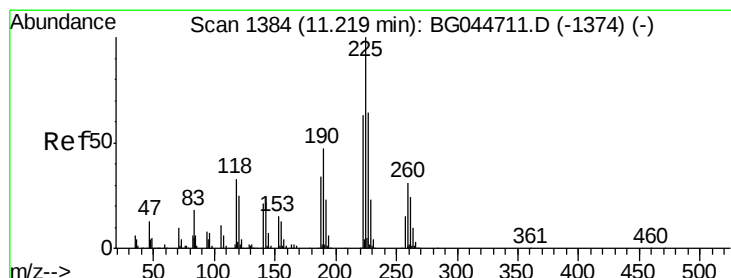
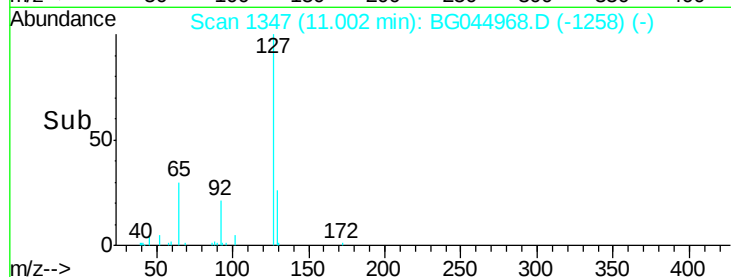
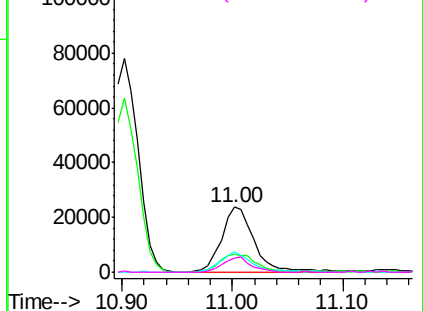
#33
4-Chloroaniline
Concen: 6.03 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

Tgt Ion:	127	Resp:	49421
Ion	Ratio	Lower	Upper
127	100		
129	27.3	26.9	40.3
65	31.2	27.7	41.5
92	21.8	17.4	26.2

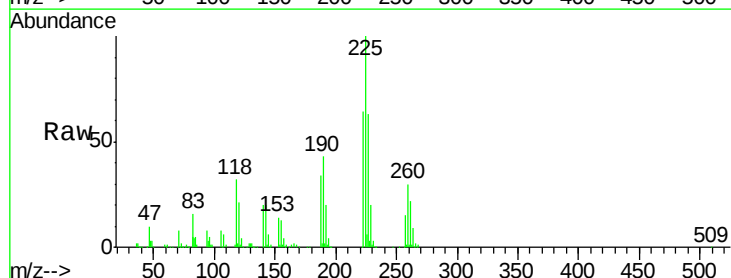


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

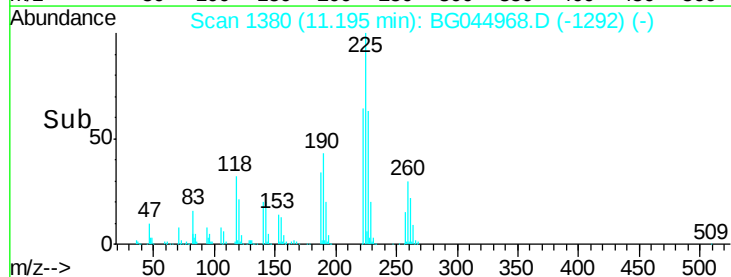
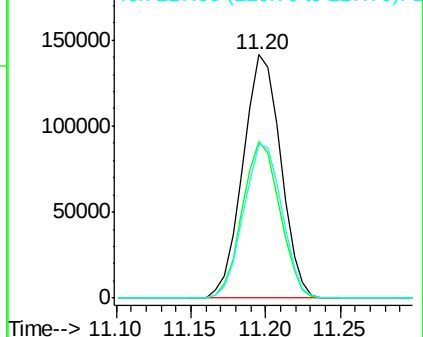


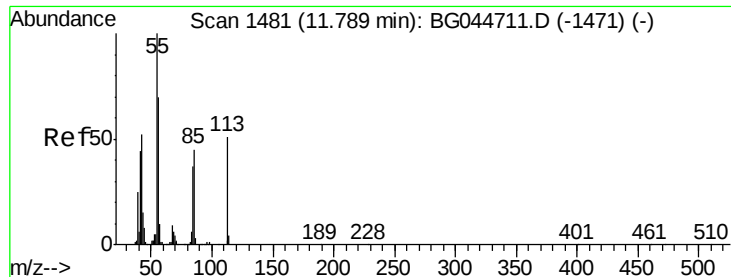
#34
Hexachlorobutadiene
Concen: 56.75 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion:	225	Resp:	248111
Ion	Ratio	Lower	Upper
225	100		
223	64.3	47.4	71.0
227	63.0	50.8	76.2



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

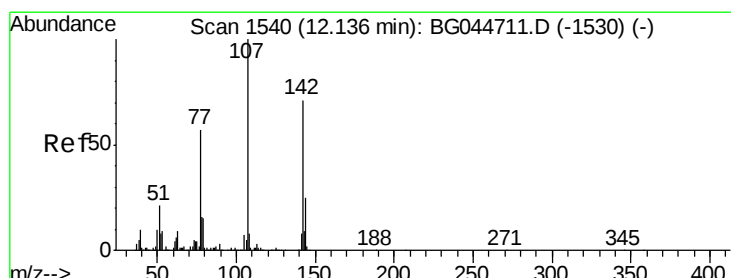
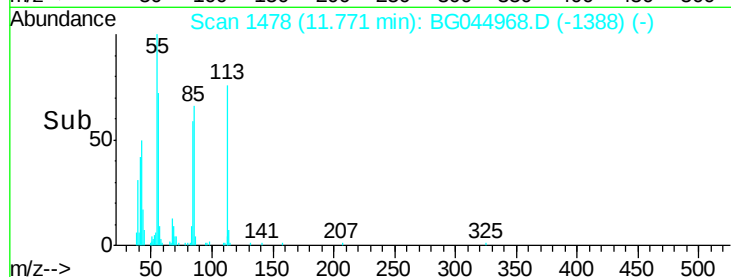
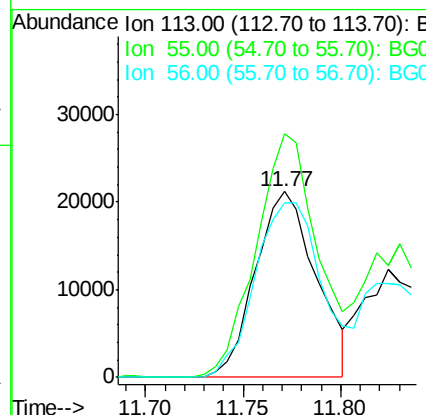
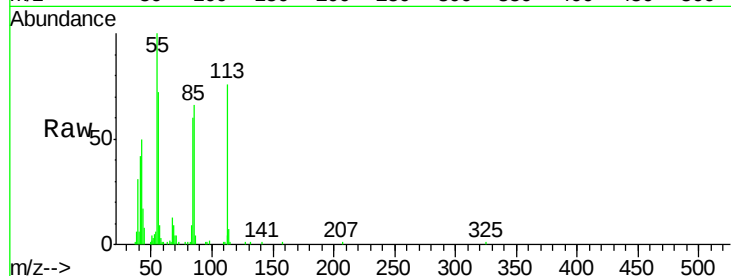




#35
 Caprolactam
 Concen: 21.64 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

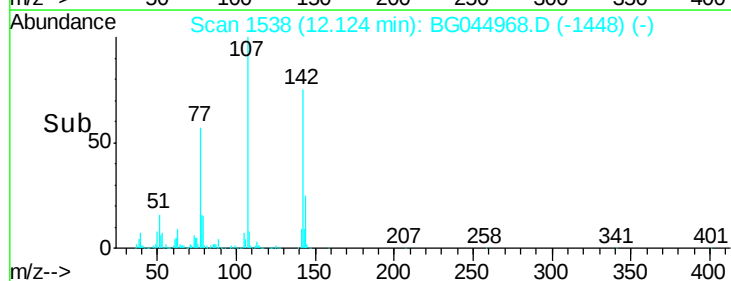
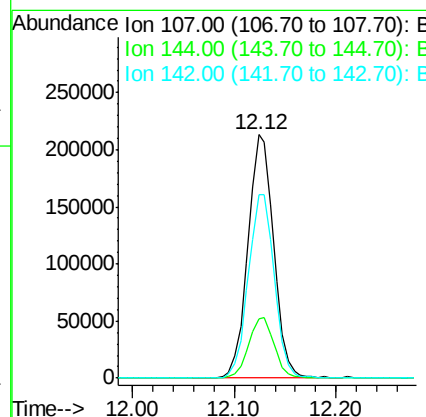
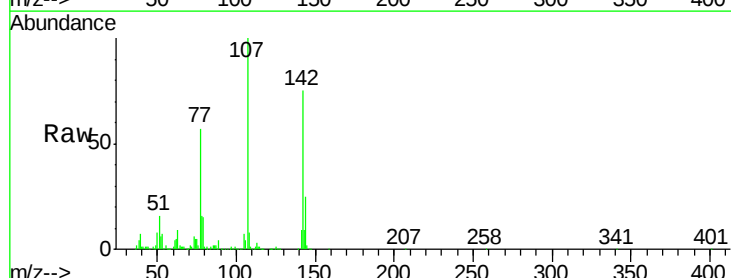
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

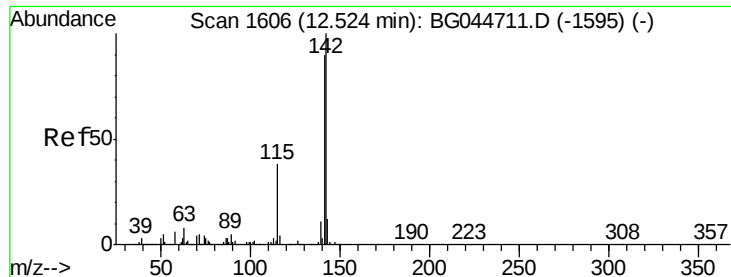
Tgt Ion:113 Resp: 45562
 Ion Ratio Lower Upper
 113 100
 55 131.1 173.8 213.8#
 56 94.3 113.8 153.8#



#36
 4-Chloro-3-methylphenol
 Concen: 56.55 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:107 Resp: 374996
 Ion Ratio Lower Upper
 107 100
 144 24.6 18.0 27.0
 142 75.3 59.0 88.4

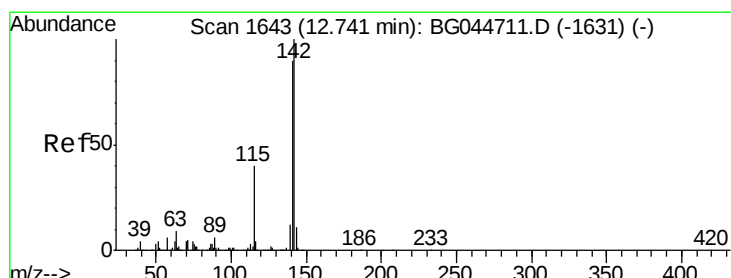
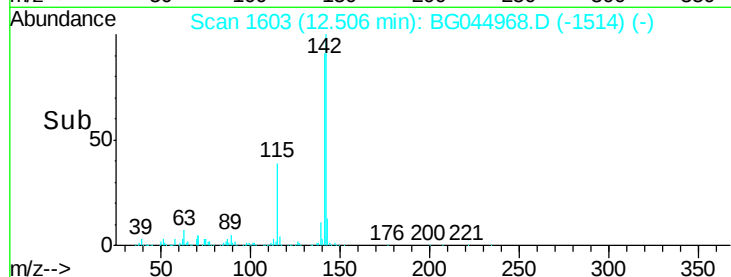
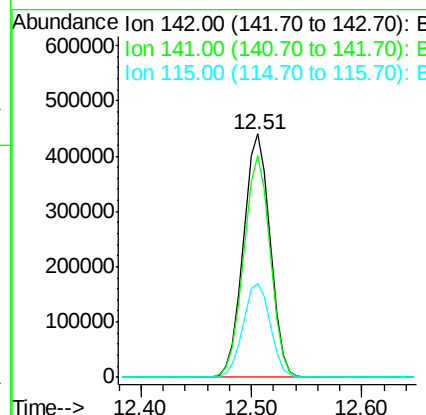
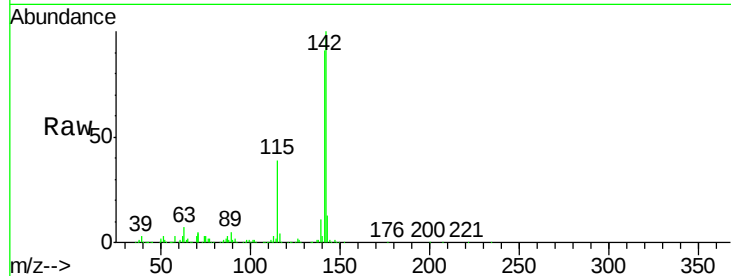




#37
2-Methylnaphthalene
Concen: 55.21 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

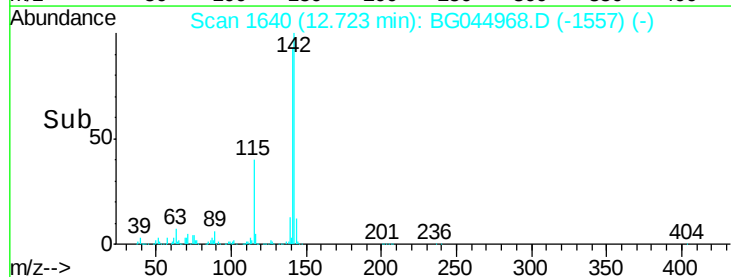
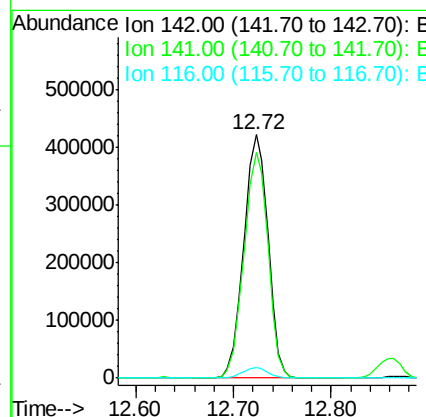
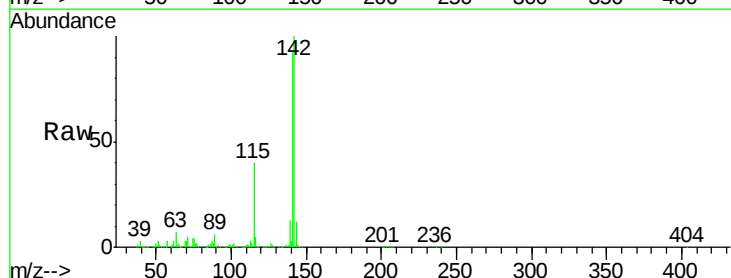
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

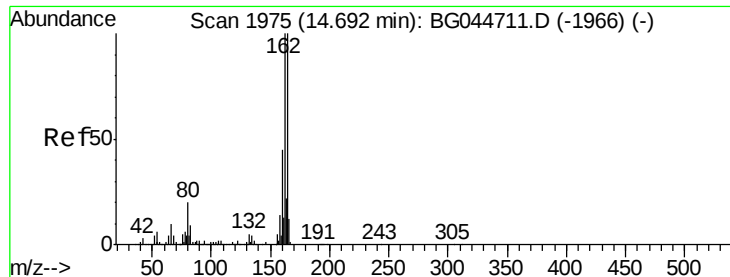
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.1	112.7
115	38.8	30.6	46.0



#38
1-Methylnaphthalene
Concen: 57.11 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	4.5	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: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

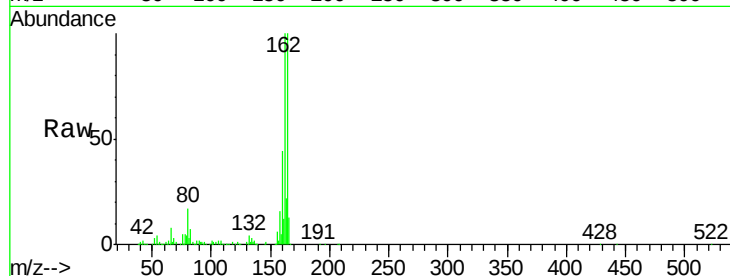
Tgt Ion:164 Resp: 221908

Ion Ratio Lower Upper

164 100

162 100.3 76.7 115.1

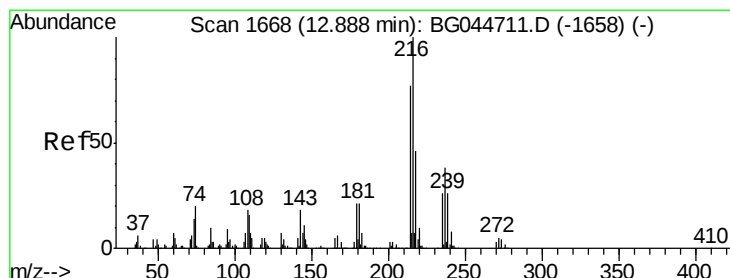
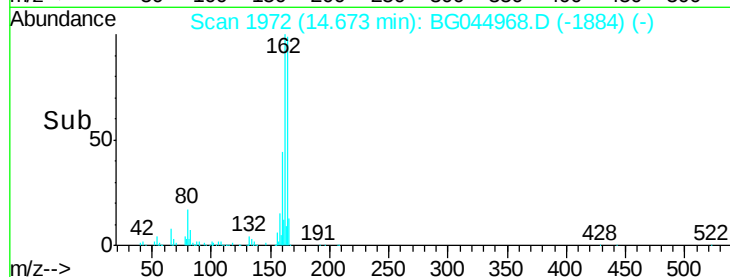
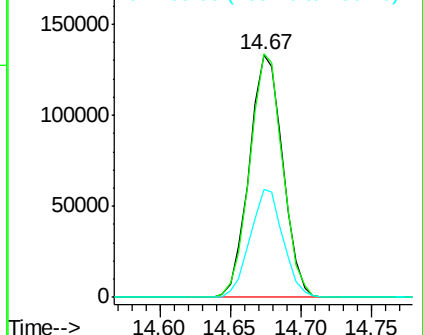
160 44.4 35.0 52.4



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: 55.57 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Tgt Ion:216 Resp: 406146

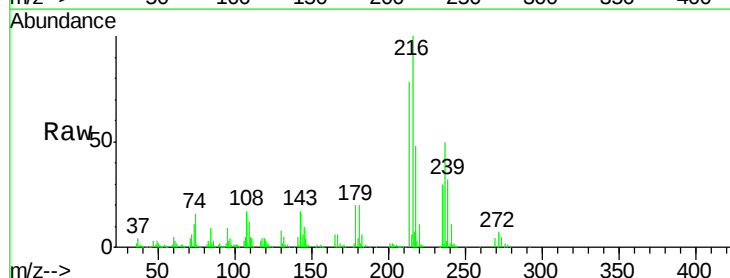
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.1 16.2 24.2

108 19.6 14.6 22.0

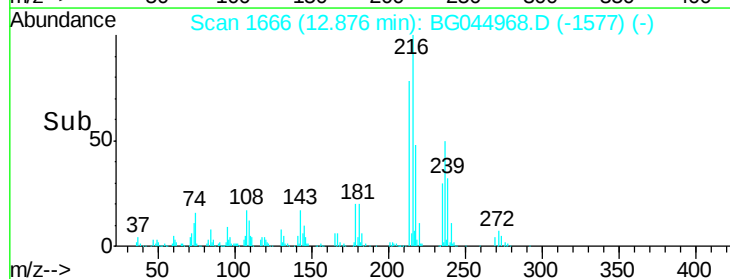
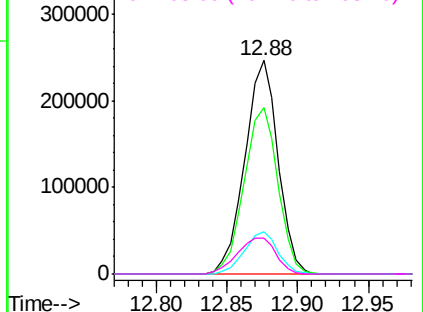


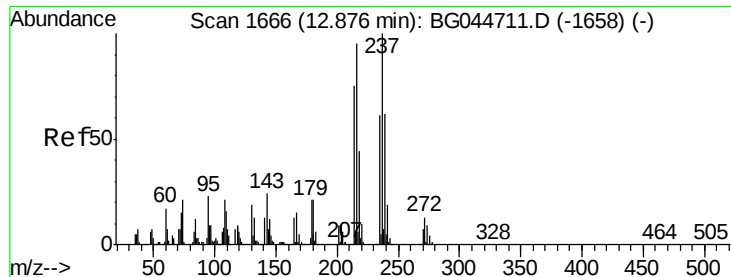
Abundance Ion 216.00 (215.70 to 216.70): E

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: 132.50 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

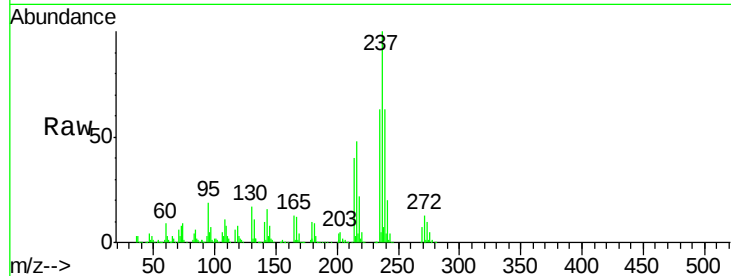
Instrument :

BNA_G

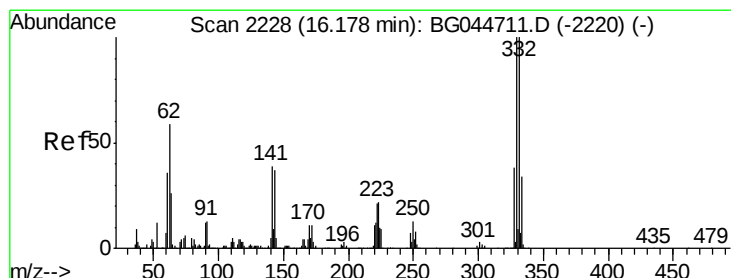
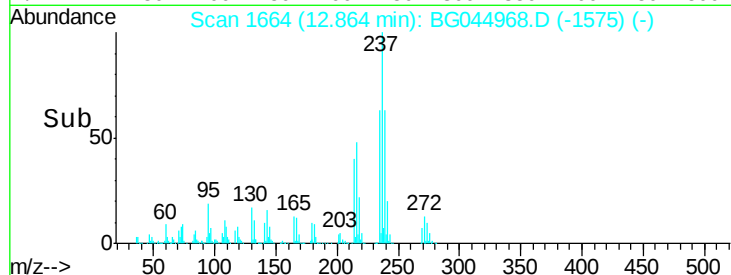
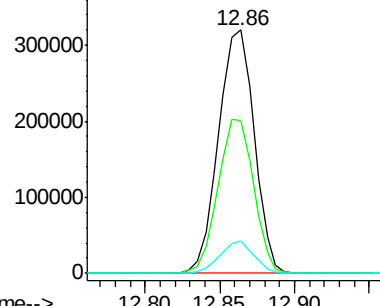
ClientSampleId :

TR-05-040320MS

Tgt Ion:	237	Resp:	529197
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.9	82.9
272	13.4	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: 185.20 ng

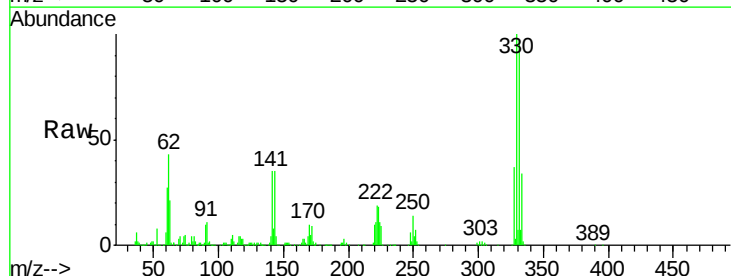
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

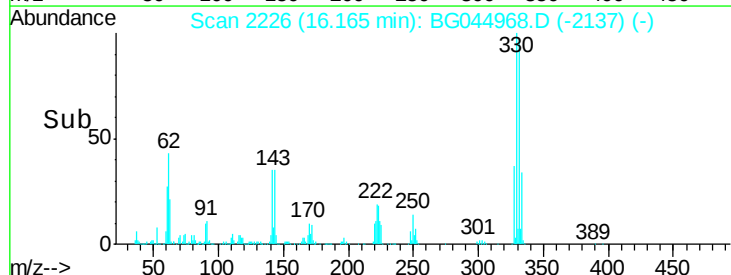
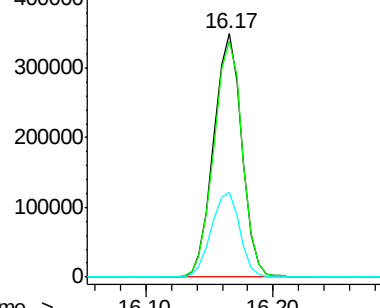
Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Tgt Ion:	330	Resp:	538106
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.8	116.6
141	35.3	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

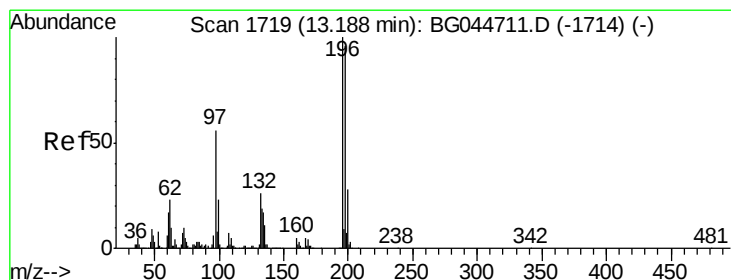
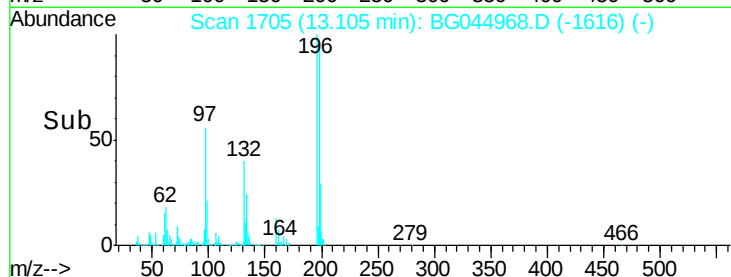
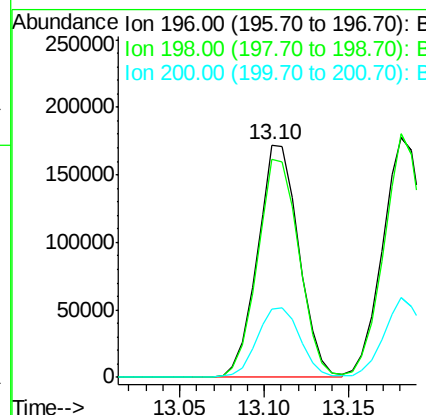
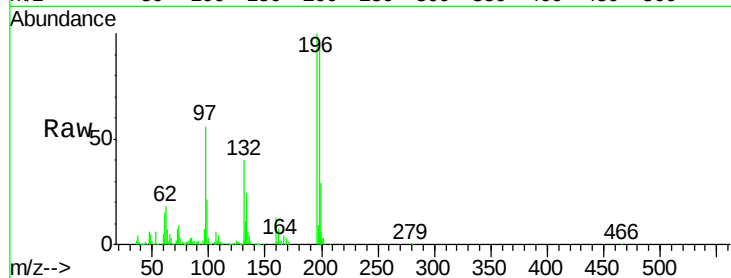




#43
 2,4,6-Trichlorophenol
 Concen: 59.98 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

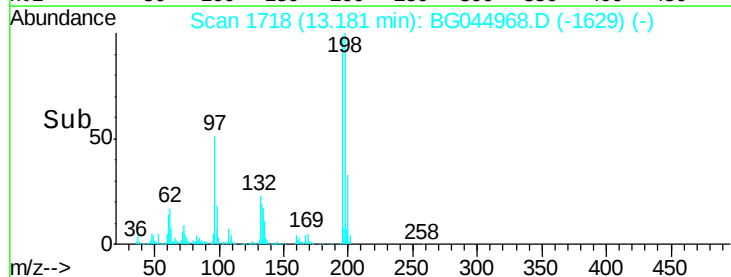
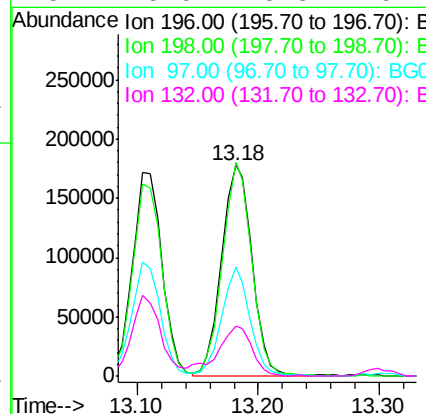
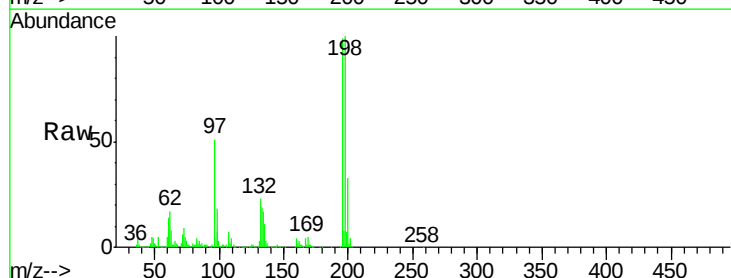
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

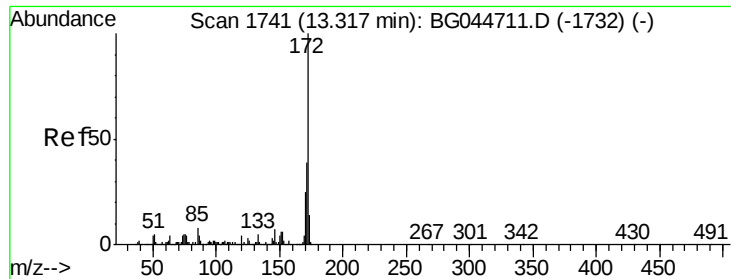
Tgt Ion:196 Resp: 290914
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.9 112.3
 200 29.3 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 61.32 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:196 Resp: 308407
 Ion Ratio Lower Upper
 196 100
 198 101.3 74.2 111.4
 97 51.8 36.7 55.1
 132 23.5 18.8 28.2

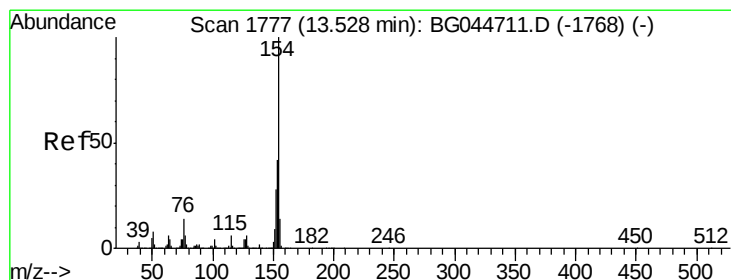
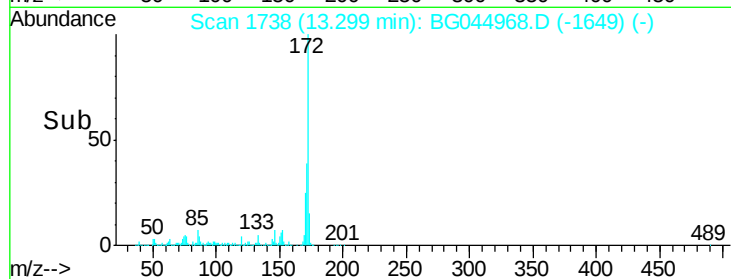
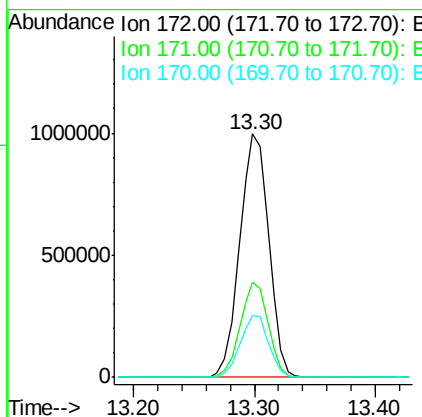
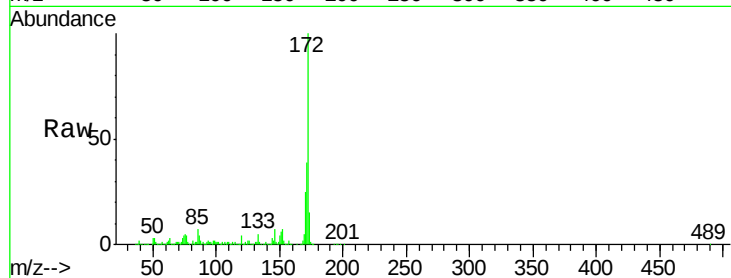




#45
 2-Fluorobiphenyl
 Concen: 107.80 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

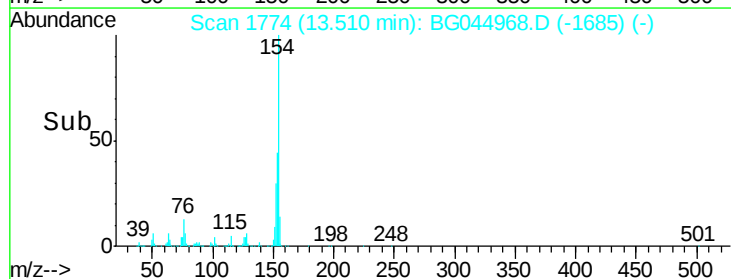
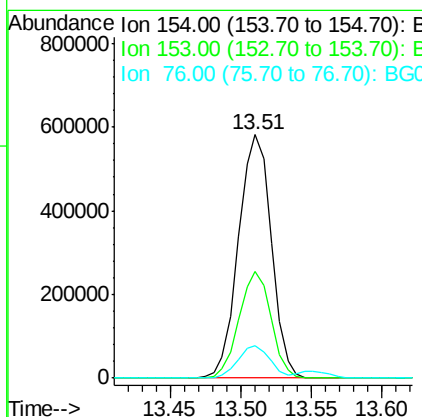
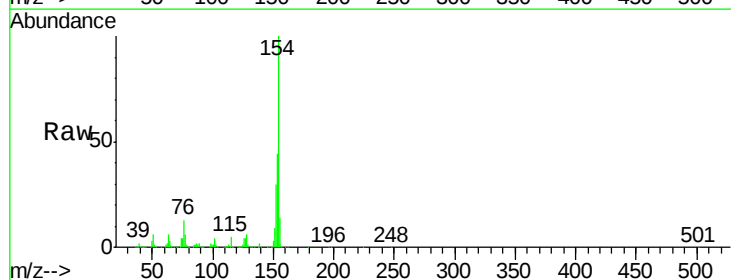
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

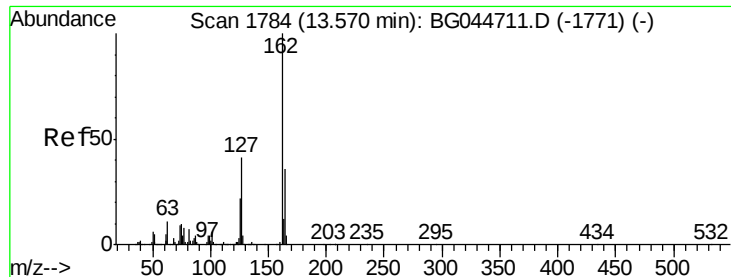
Tgt Ion:172 Resp: 1670517
 Ion Ratio Lower Upper
 172 100
 171 39.1 28.7 43.1
 170 25.5 19.0 28.6



#46
 1,1'-Biphenyl
 Concen: 53.37 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:154 Resp: 946477
 Ion Ratio Lower Upper
 154 100
 153 43.9 22.9 62.9
 76 13.3 0.0 34.6

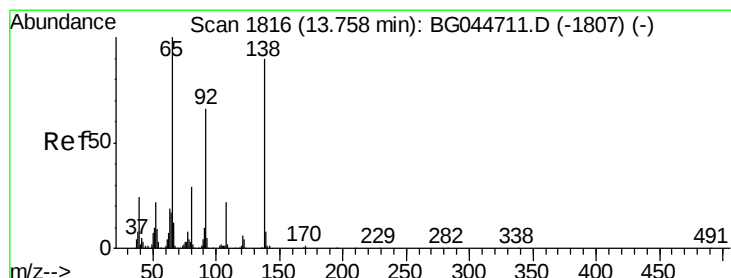
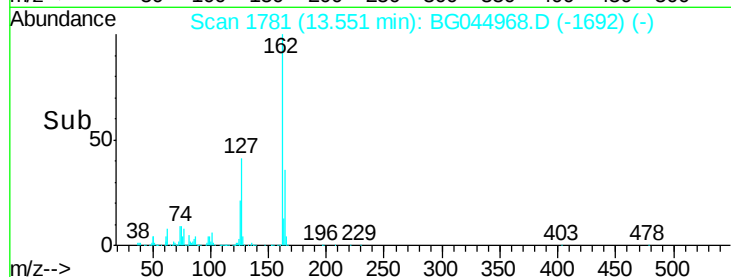
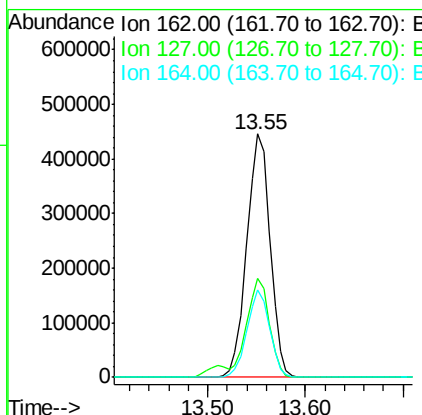
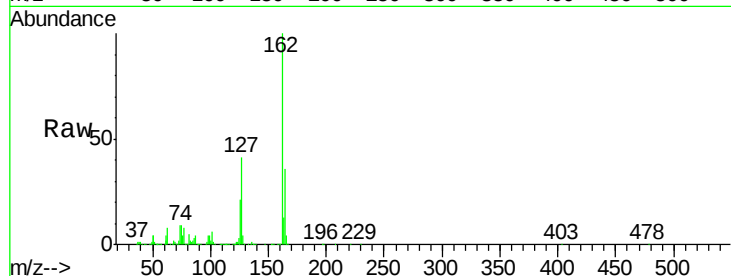




#47
2-Chloronaphthalene
Concen: 54.63 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

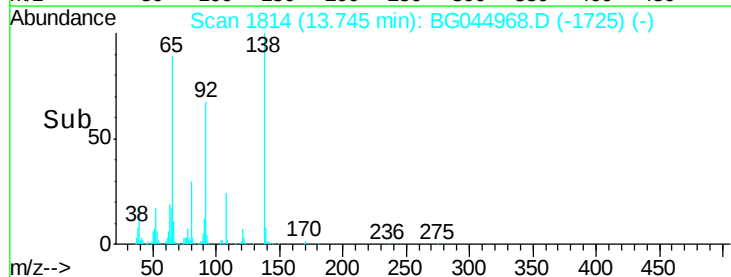
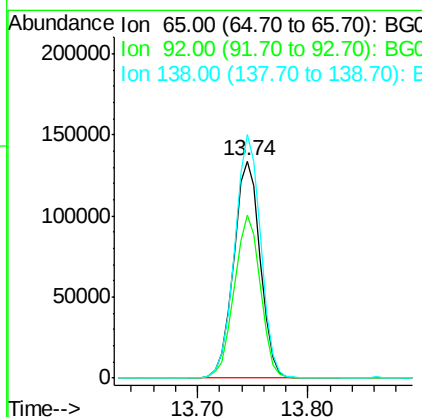
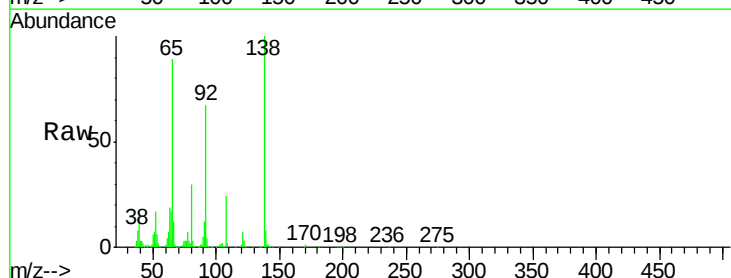
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

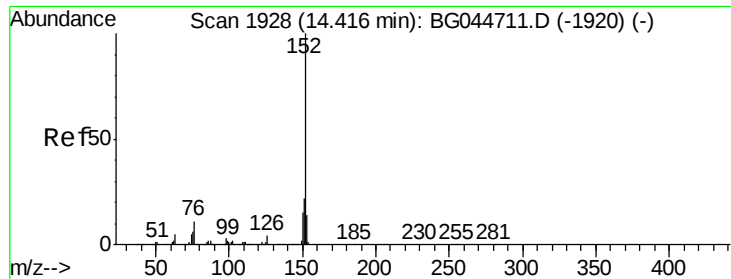
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.1	49.7
164	35.9	27.4	41.2



#48
2-Nitroaniline
Concen: 47.63 ng
RT: 13.74 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	52.6	79.0
138	112.3	78.3	117.5





#49

Acenaphthylene

Concen: 56.24 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

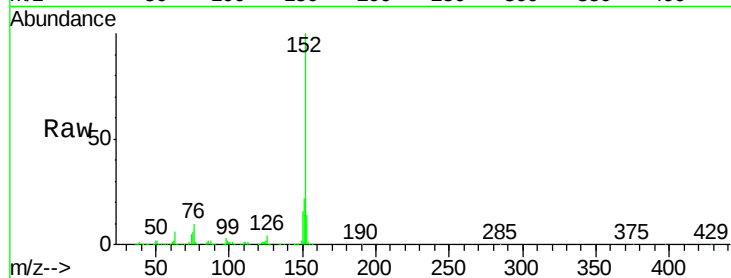
Tgt Ion:152 Resp: 1193534

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

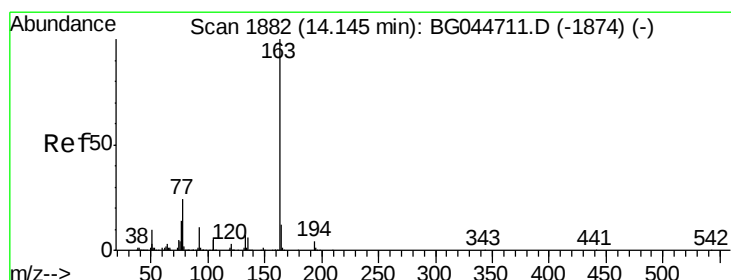
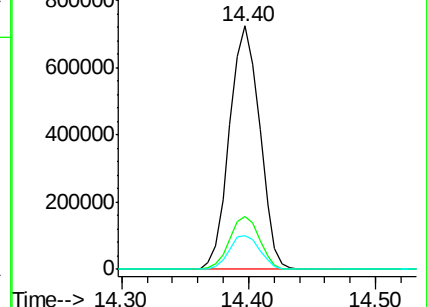
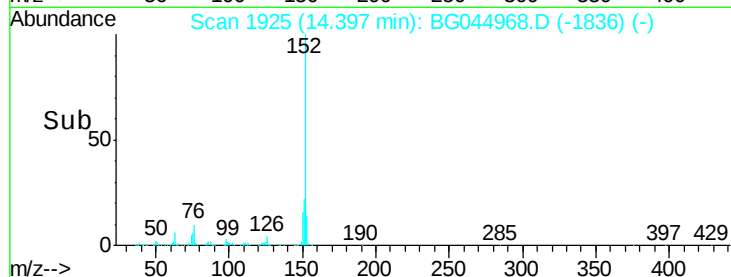
153 14.1 10.8 16.2



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: 59.20 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

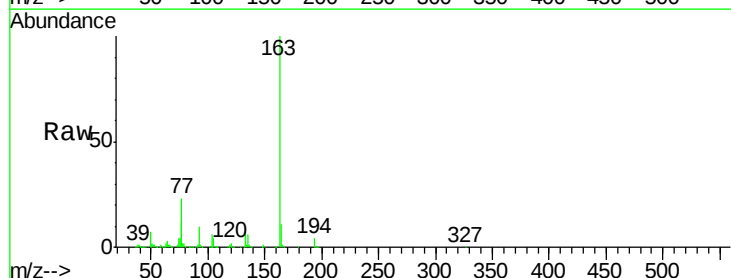
Tgt Ion:163 Resp: 1046298

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

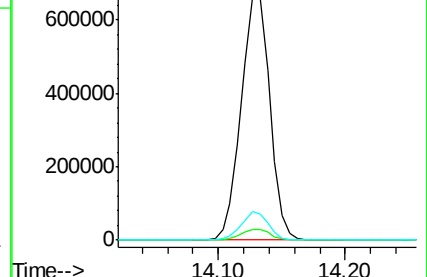
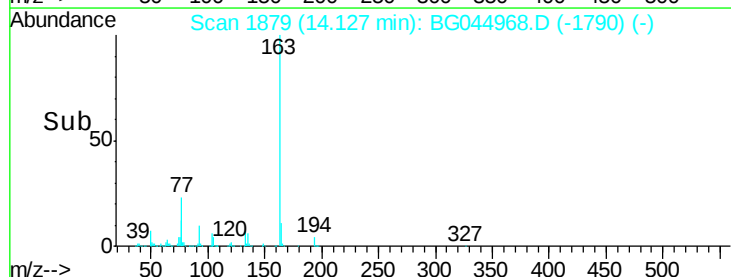
164 11.5 9.1 13.7

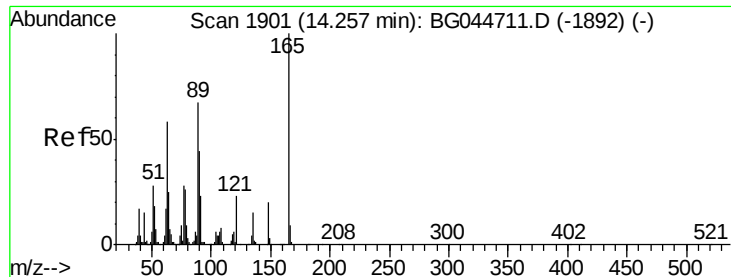


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

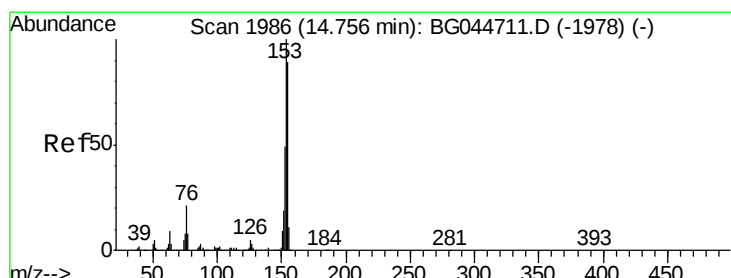
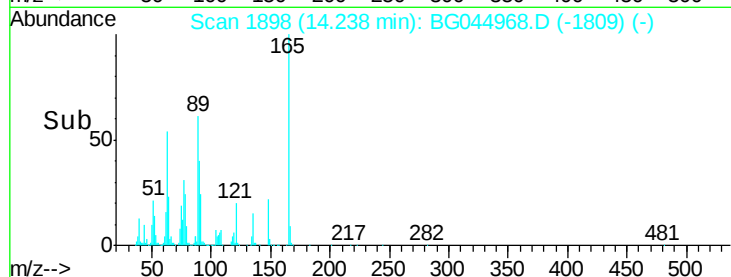
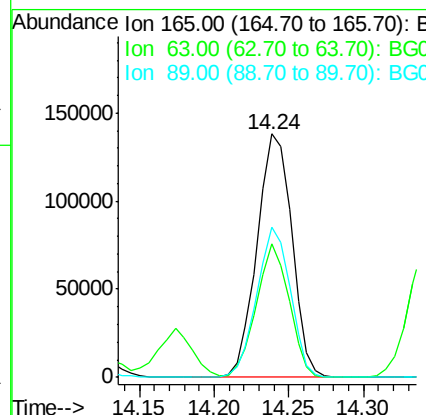
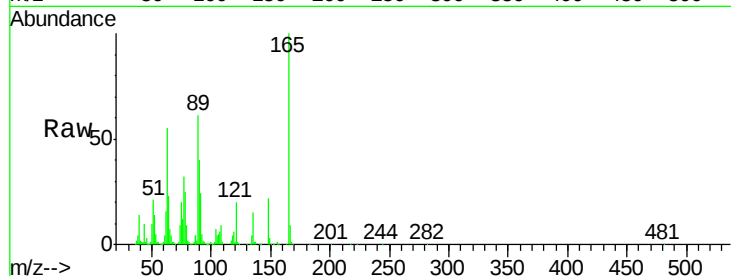




#51
 2,6-Dinitrotoluene
 Concen: 62.50 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

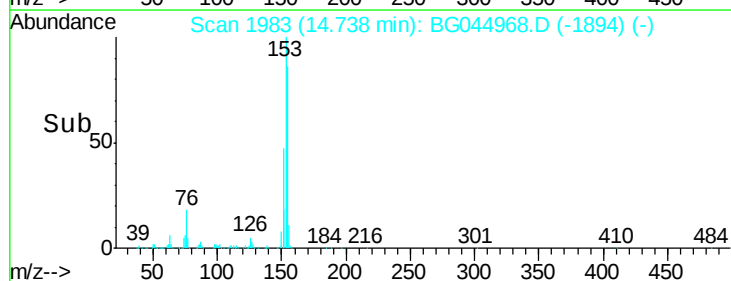
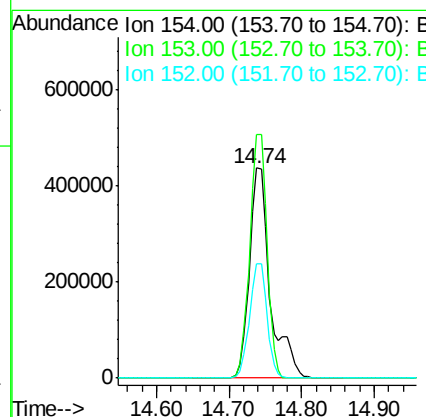
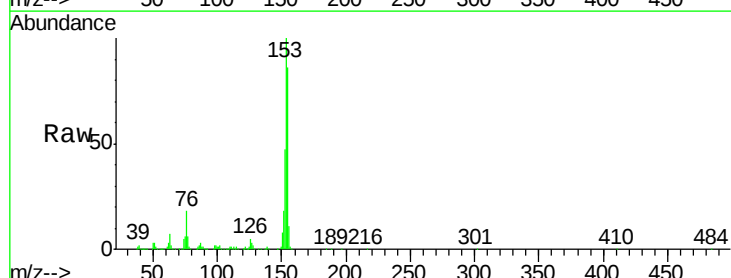
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

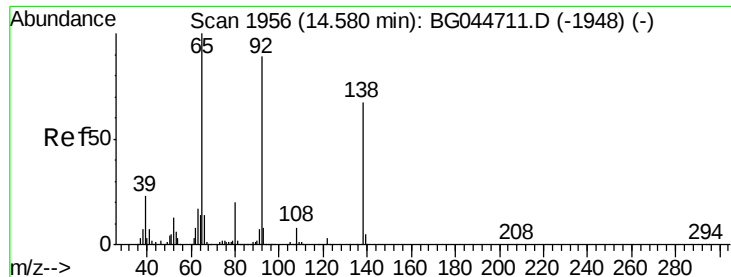
Tgt Ion:165 Resp: 222643
 Ion Ratio Lower Upper
 165 100
 63 54.9 45.8 68.8
 89 61.5 51.8 77.6



#52
 Acenaphthene
 Concen: 62.97 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:154 Resp: 875191
 Ion Ratio Lower Upper
 154 100
 153 115.9 89.0 133.6
 152 54.3 43.0 64.6

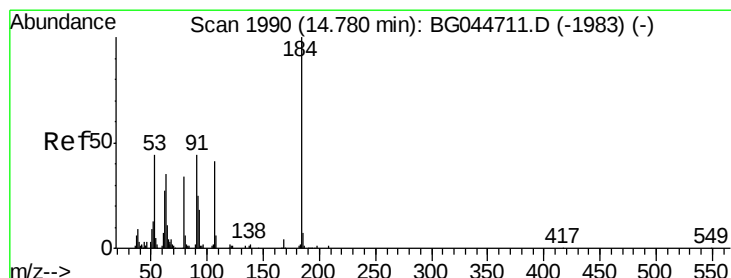
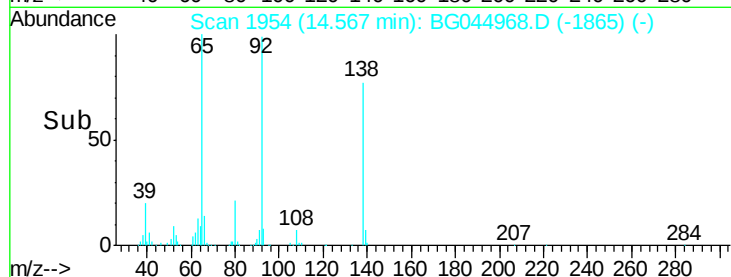
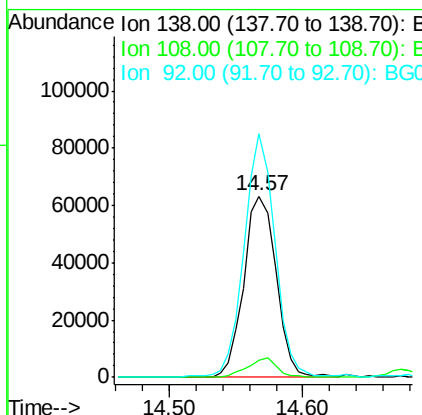
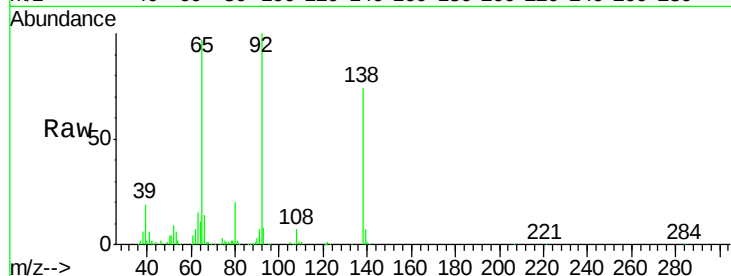




#53
3-Nitroaniline
Concen: 25.89 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

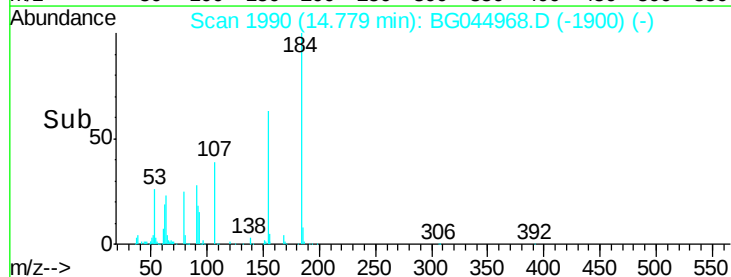
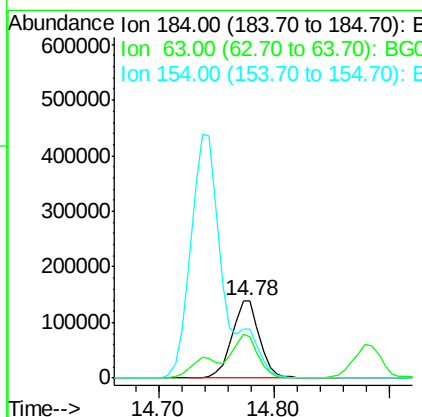
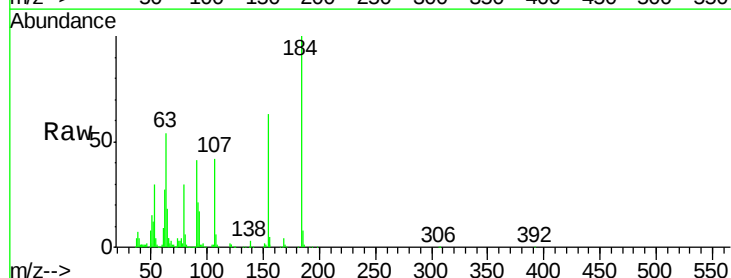
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

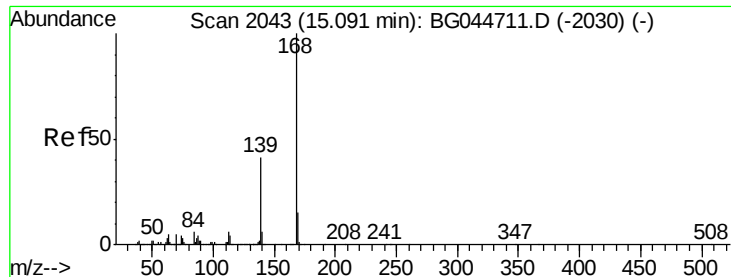
Tgt Ion:138 Resp: 106046
Ion Ratio Lower Upper
138 100
108 9.7 9.0 13.4
92 134.2 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 119.08 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion:184 Resp: 230121
Ion Ratio Lower Upper
184 100
63 53.7 45.5 68.3
154 62.6 49.1 73.7





#55

Dibenzenofuran

Concen: 57.39 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

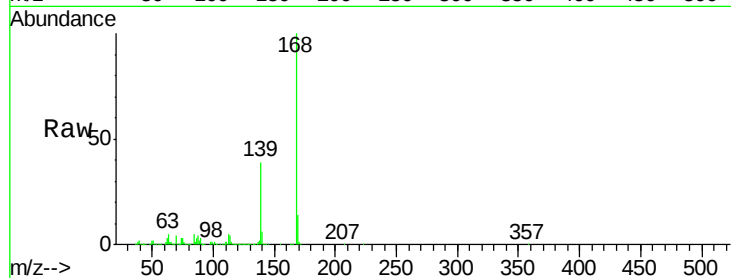
BNA_G

ClientSampleId :

TR-05-040320MS

Tgt Ion:168 Resp: 1156693

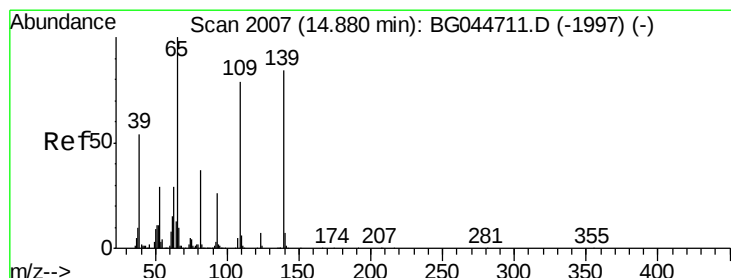
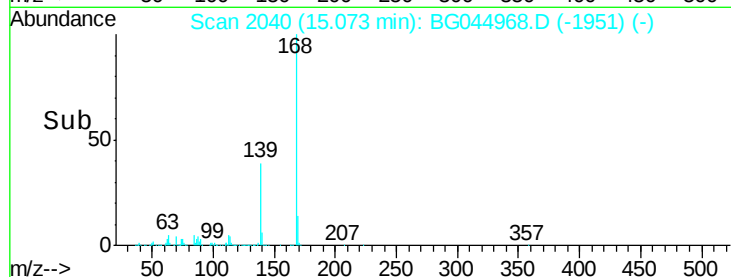
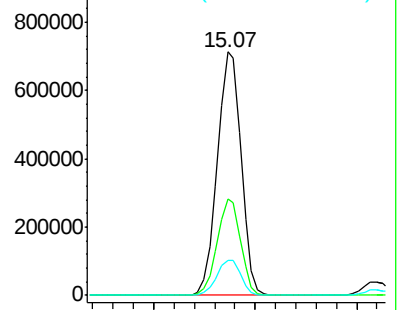
Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.4	47.0
169	14.3	11.1	16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 109.10 ng

RT: 14.88 min Scan# 2008

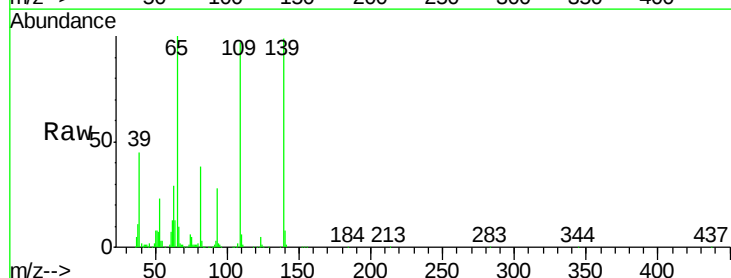
Delta R.T. 0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Tgt Ion:139 Resp: 341044

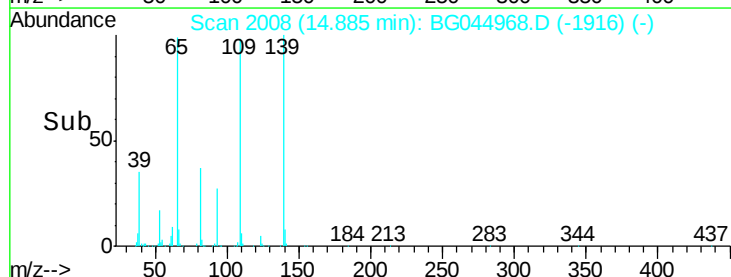
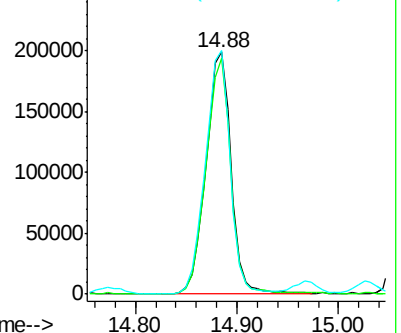
Ion	Ratio	Lower	Upper
139	100		
109	97.3	68.8	108.8
65	100.6	92.5	132.5

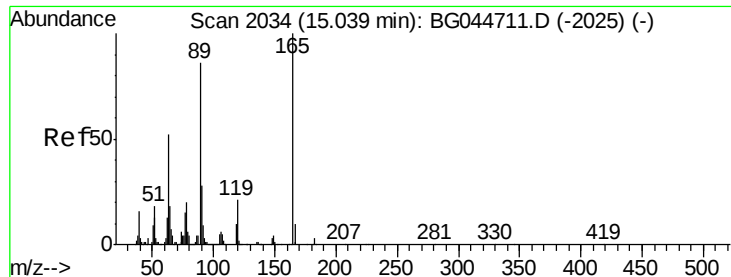


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





#57

2,4-Dinitrotoluene

Concen: 63.32 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

Tgt Ion:165 Resp: 309369

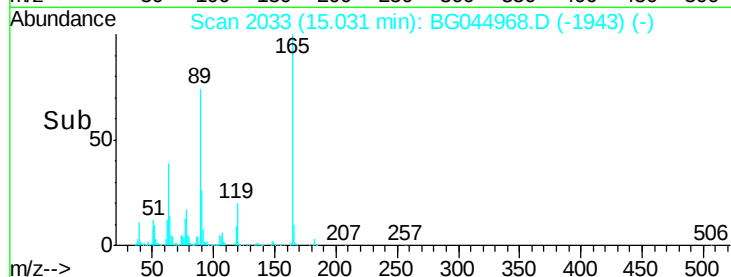
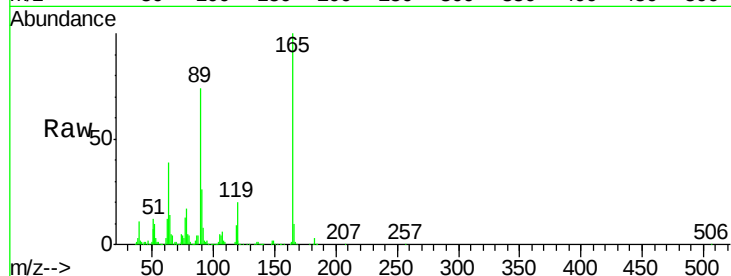
Ion Ratio Lower Upper

165 100

63 39.4 34.6 52.0

89 74.5 61.3 91.9

182 2.6 2.2 3.2

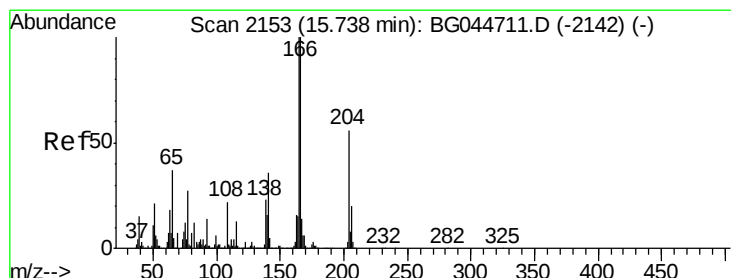
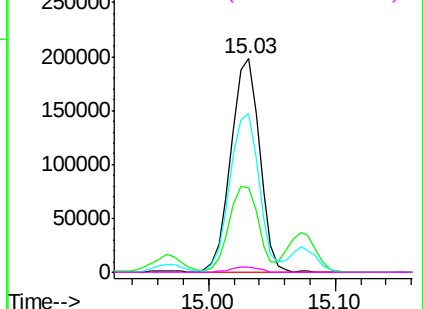


Abundance Ion 165.00 (164.70 to 165.70): E

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: 57.74 ng

RT: 15.72 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

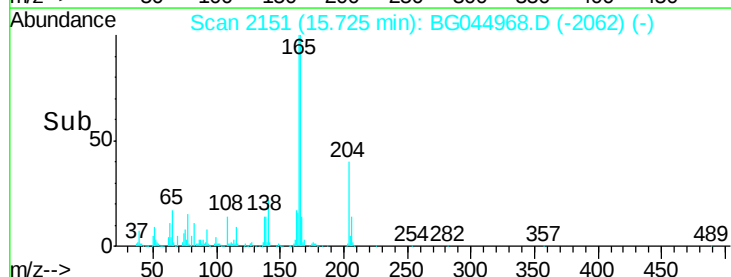
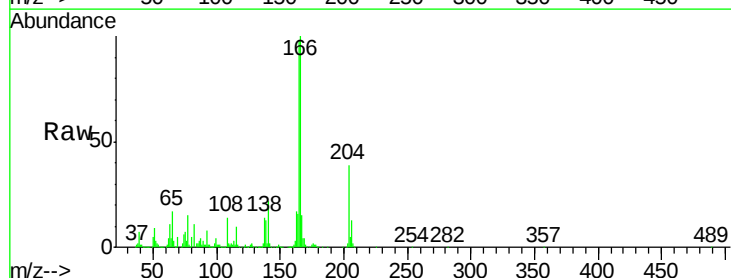
Tgt Ion:166 Resp: 957348

Ion Ratio Lower Upper

166 100

165 98.0 79.7 119.5

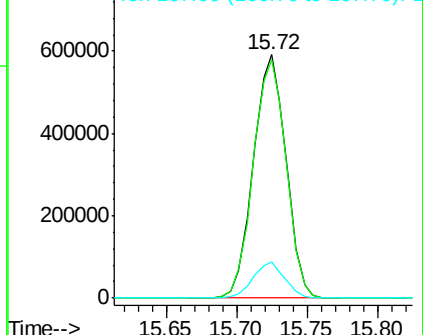
167 14.7 10.6 16.0

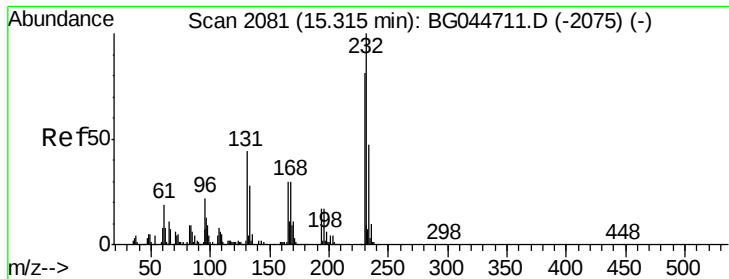


Abundance Ion 166.00 (165.70 to 166.70): E

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: 63.70 ng

RT: 15.30 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

Tgt Ion:232 Resp: 294985

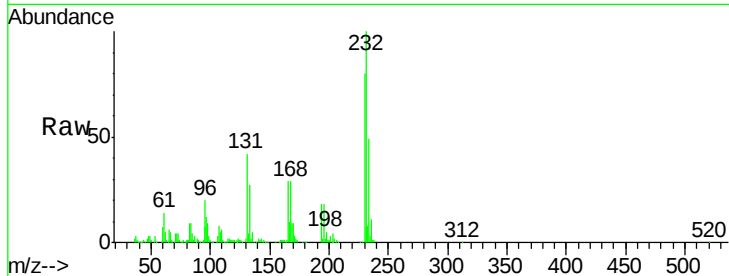
Ion Ratio Lower Upper

232 100

131 41.2 31.8 47.8

130 2.5 2.2 3.2

166 29.5 20.2 30.2



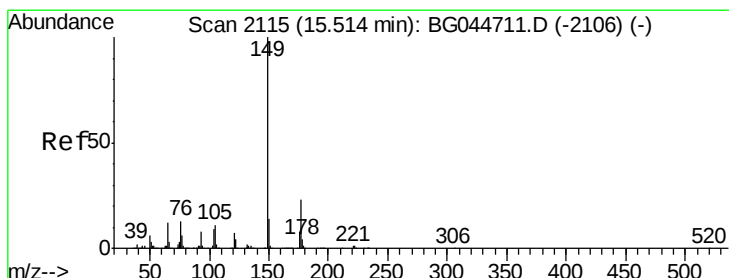
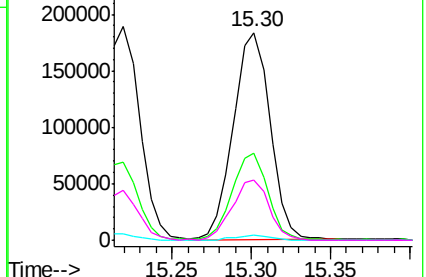
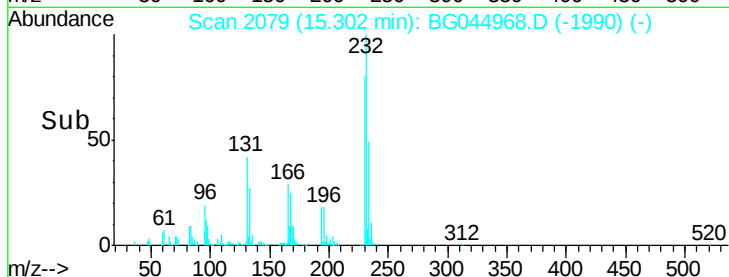
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#60

Diethylphthalate

Concen: 53.65 ng

RT: 15.50 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

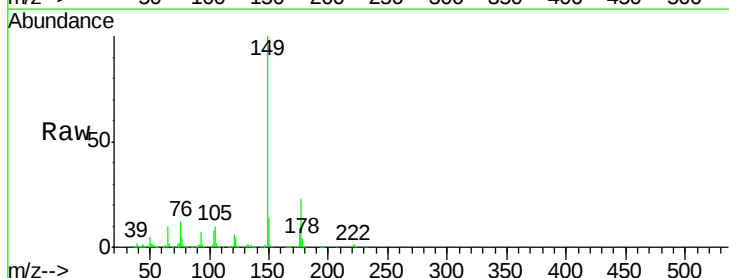
Tgt Ion:149 Resp: 988937

Ion Ratio Lower Upper

149 100

177 23.4 19.3 28.9

150 13.8 11.0 16.6

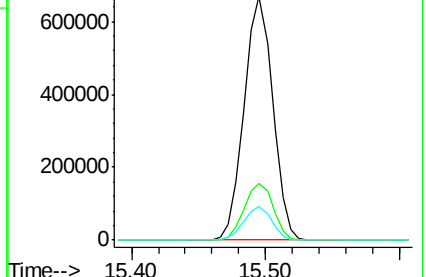
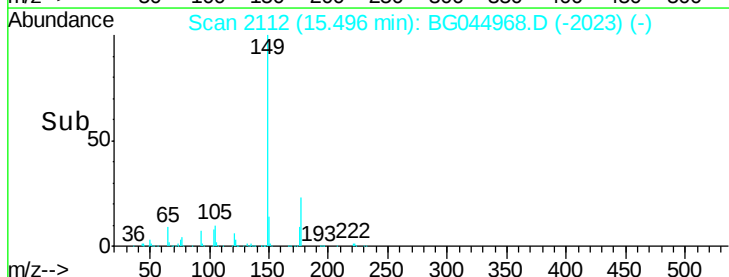


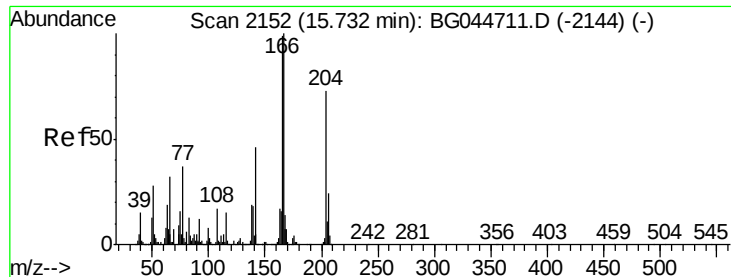
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->

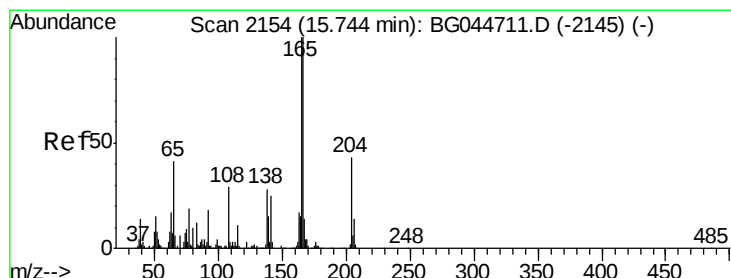
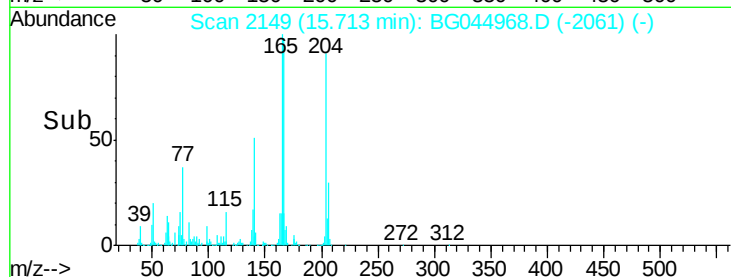
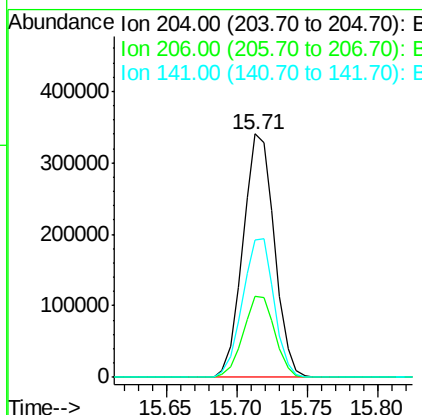
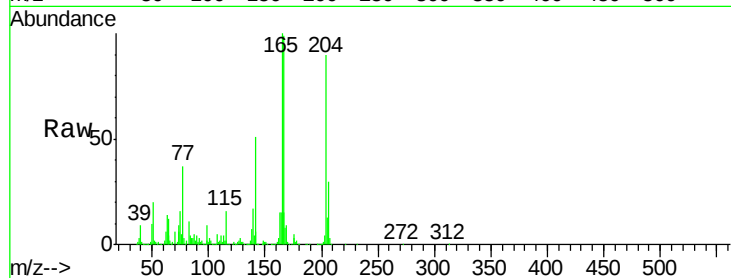




#61
 4-Chlorophenyl-phenylether
 Concen: 59.19 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

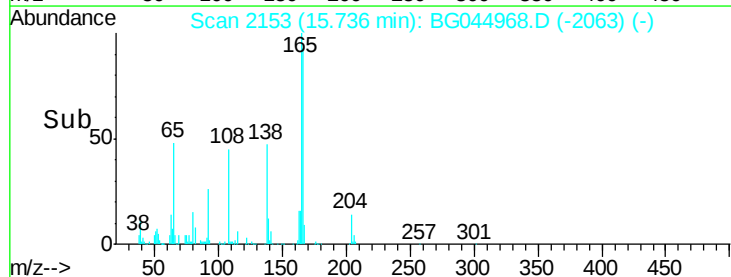
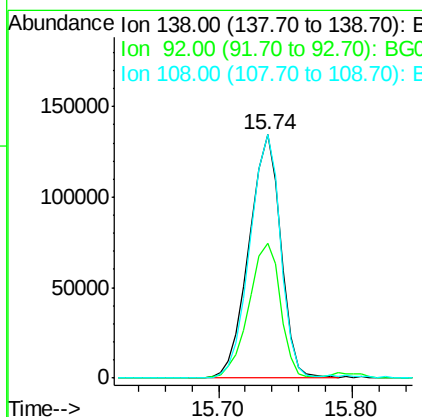
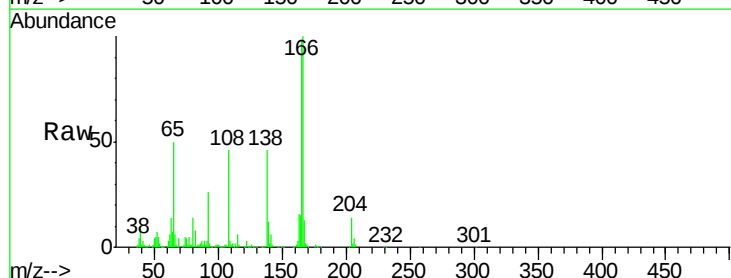
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

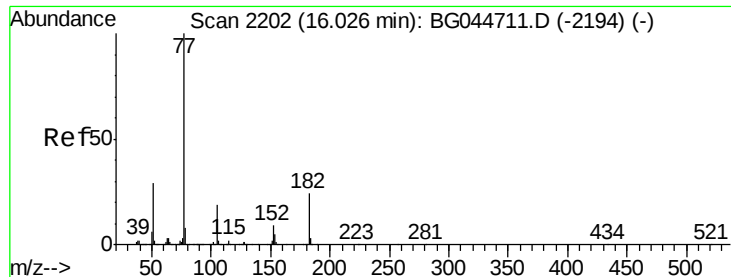
Tgt Ion:204 Resp: 528414
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.2 39.2
 141 56.3 47.7 71.5



#62
 4-Nitroaniline
 Concen: 50.43 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:138 Resp: 220271
 Ion Ratio Lower Upper
 138 100
 92 55.7 34.5 74.5
 108 100.1 74.5 114.5





#63

Azobenzene

Concen: 51.63 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

Tgt Ion: 77 Resp: 988276

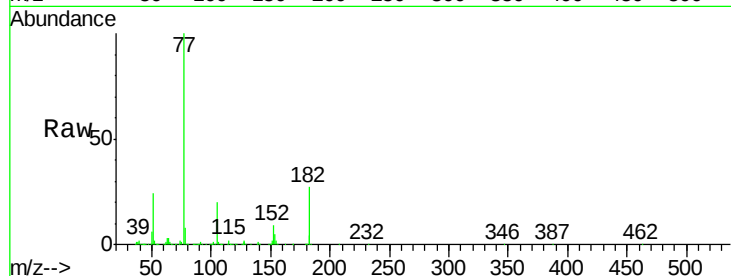
Ion Ratio Lower Upper

77 100

182 27.3 6.4 46.4

105 20.1 0.0 39.1

51 24.3 7.3 47.3



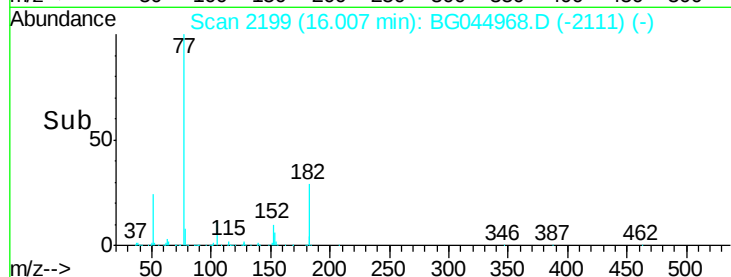
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

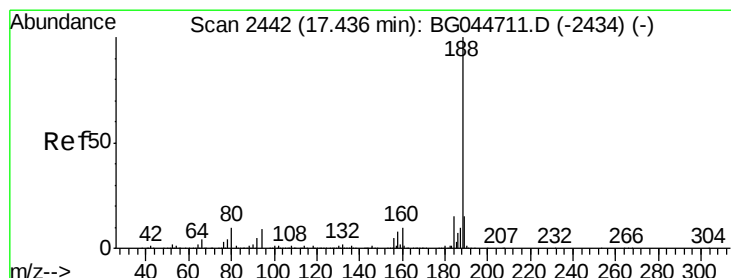
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

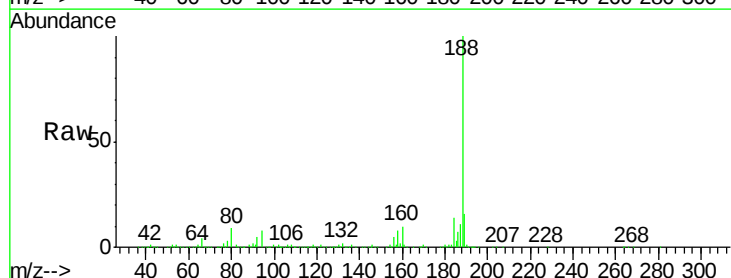
Tgt Ion: 188 Resp: 516537

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

80 9.3 8.0 12.0

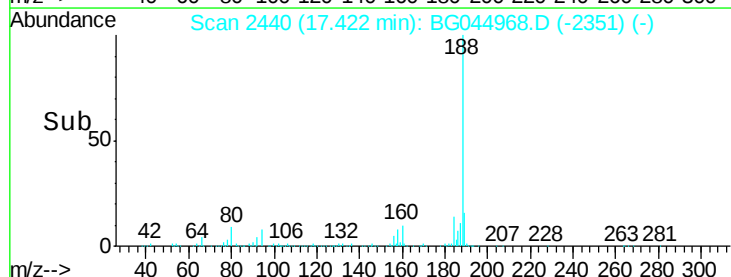


Abundance Ion 188.00 (187.70 to 188.70): BGC

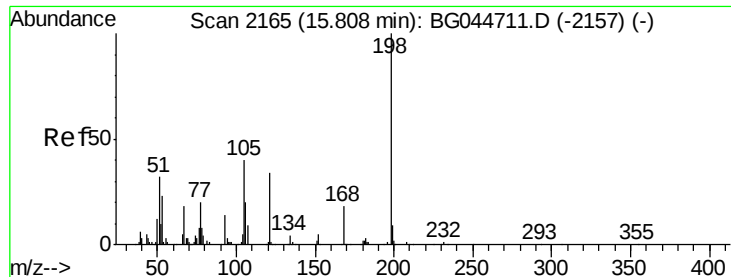
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



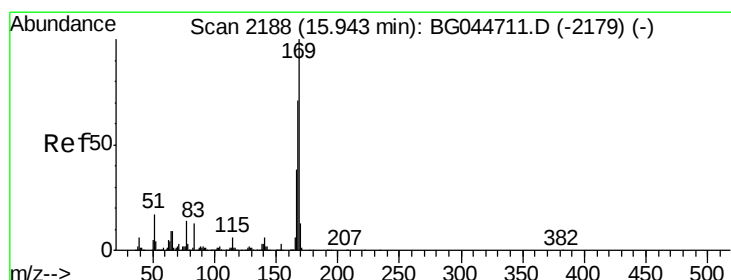
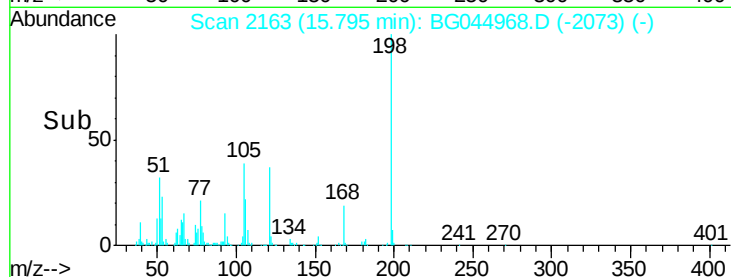
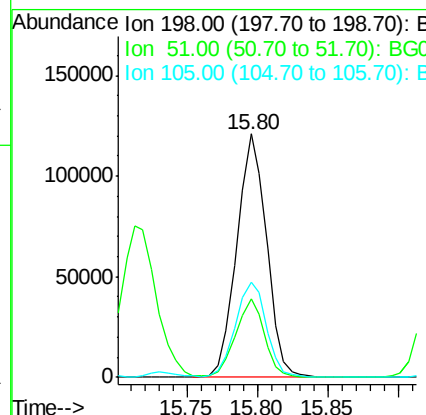
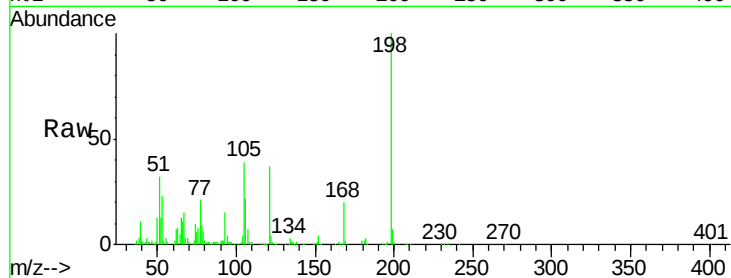
Time-->



#65
 4,6-Dinitro-2-methylphenol
 Concen: 69.13 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

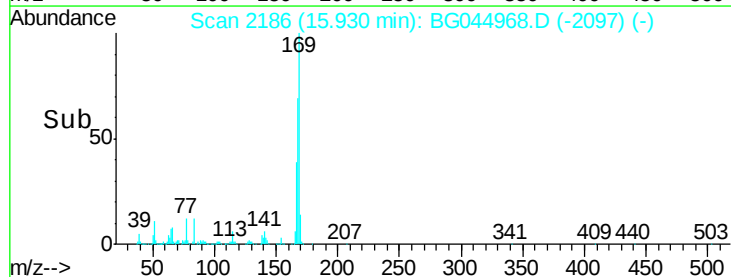
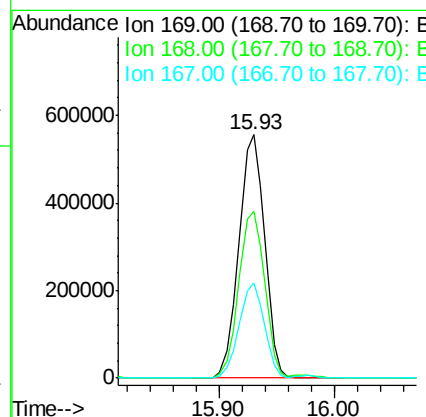
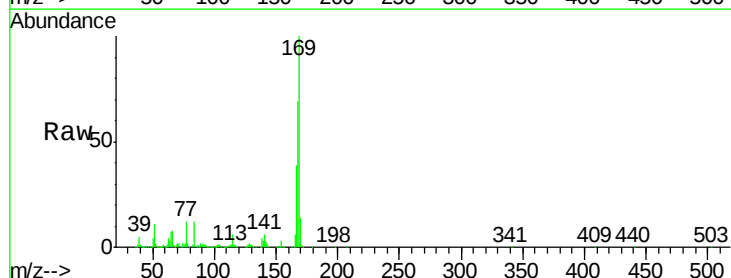
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

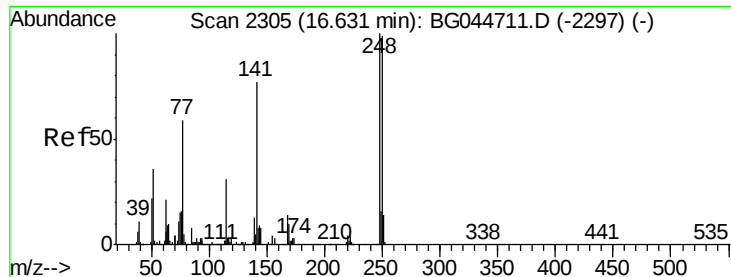
Tgt Ion:198 Resp: 177902
 Ion Ratio Lower Upper
 198 100
 51 32.0 21.1 61.1
 105 38.9 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 55.03 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:169 Resp: 855857
 Ion Ratio Lower Upper
 169 100
 168 68.7 55.4 83.2
 167 38.9 30.1 45.1

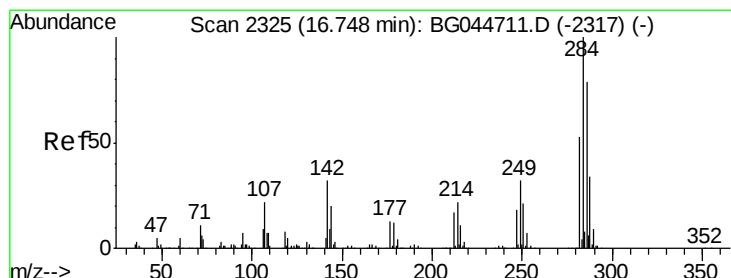
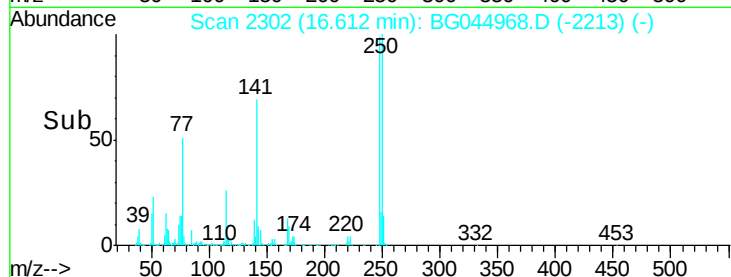
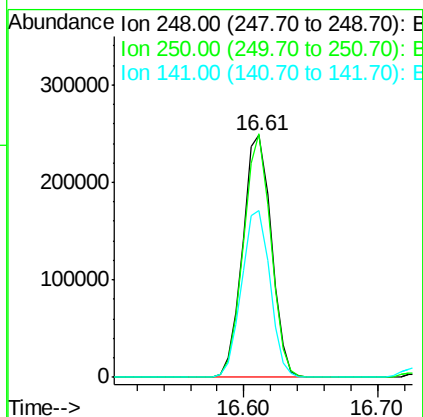
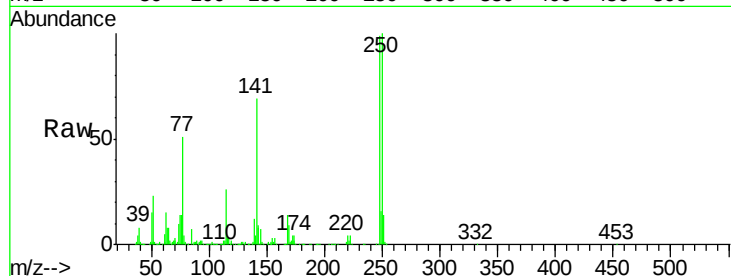




#67
4-Bromophenyl-phenylether
Concen: 56.84 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

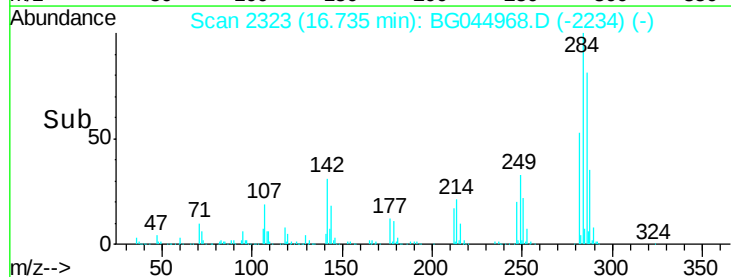
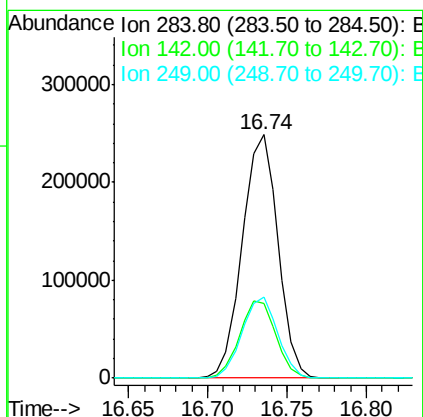
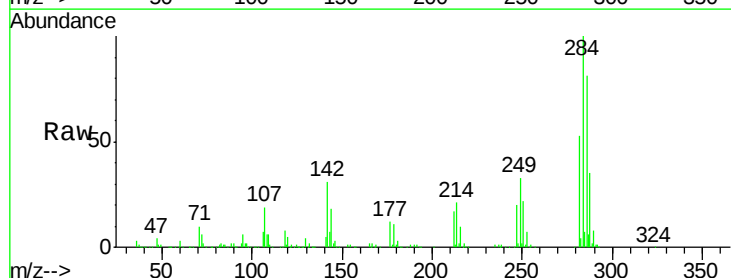
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

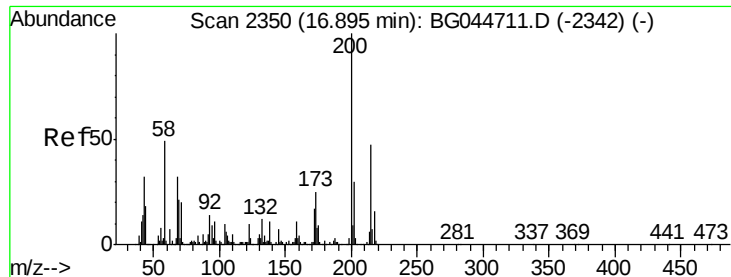
Tgt Ion:248 Resp: 367018
Ion Ratio Lower Upper
248 100
250 100.5 77.9 116.9
141 69.0 57.5 86.3



#68
Hexachlorobenzene
Concen: 55.37 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion:284 Resp: 387885
Ion Ratio Lower Upper
284 100
142 30.7 25.0 37.6
249 33.5 25.8 38.8





#69

Atrazine

Concen: 51.01 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

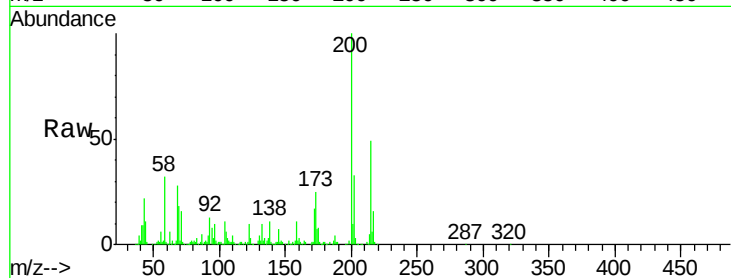
Tgt Ion:200 Resp: 290654

Ion Ratio Lower Upper

200 100

173 25.4 5.3 45.3

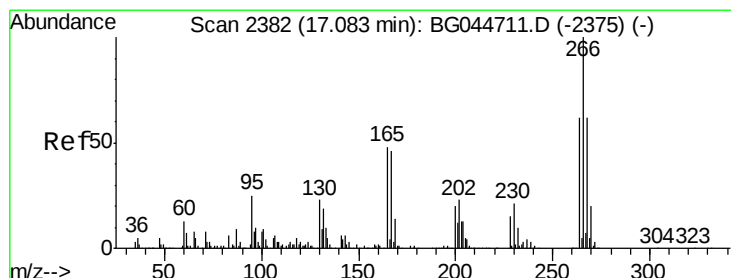
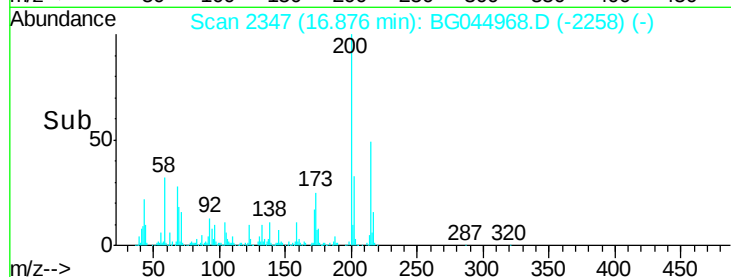
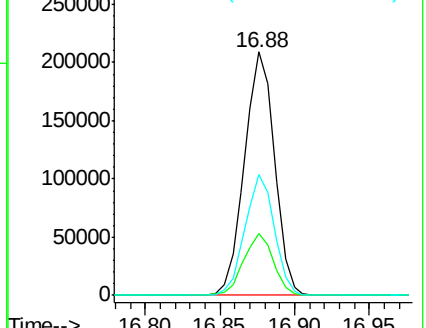
215 49.5 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 130.80 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

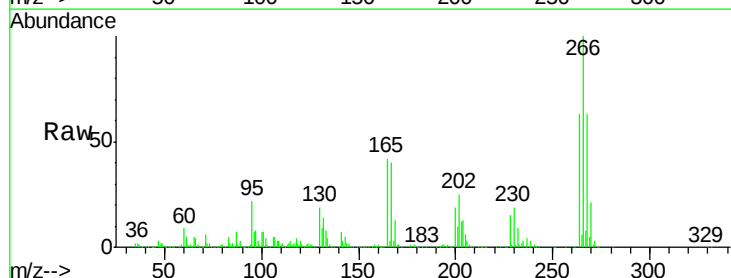
Tgt Ion:266 Resp: 504189

Ion Ratio Lower Upper

266 100

268 62.7 50.3 75.5

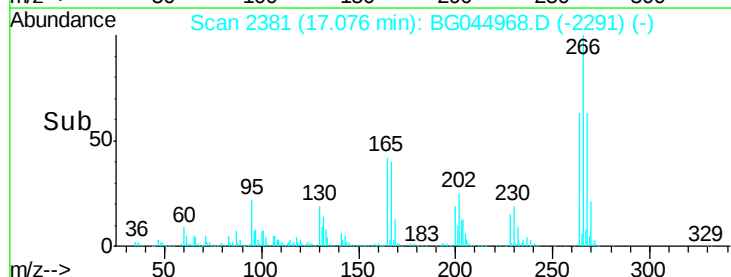
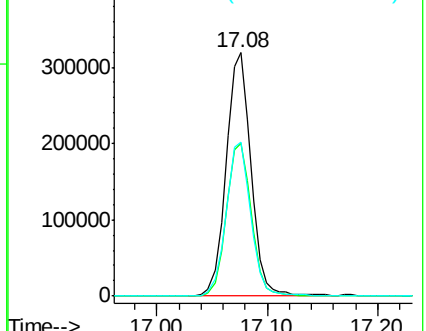
264 63.1 51.4 77.2

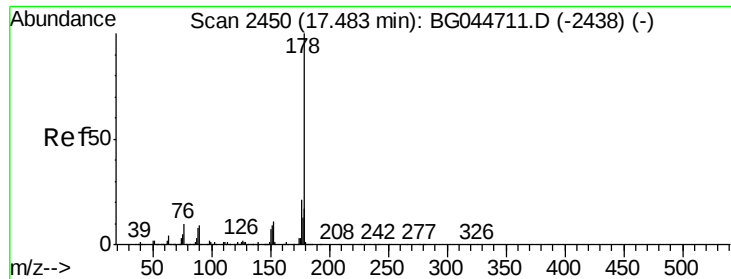


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.72 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

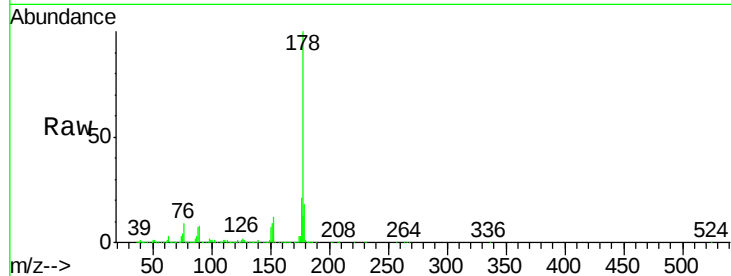
Tgt Ion:178 Resp: 1537985

Ion Ratio Lower Upper

178 100

176 21.0 16.6 24.8

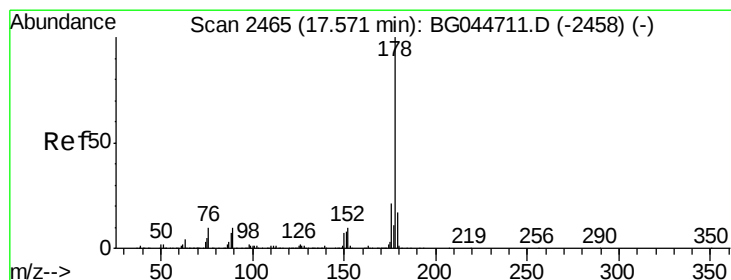
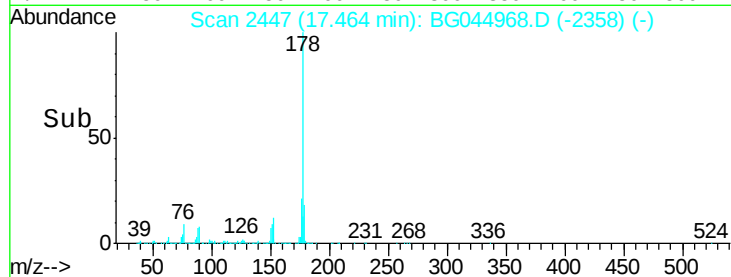
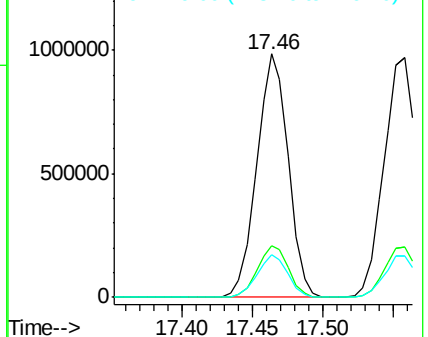
179 17.8 13.5 20.3



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: 58.00 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

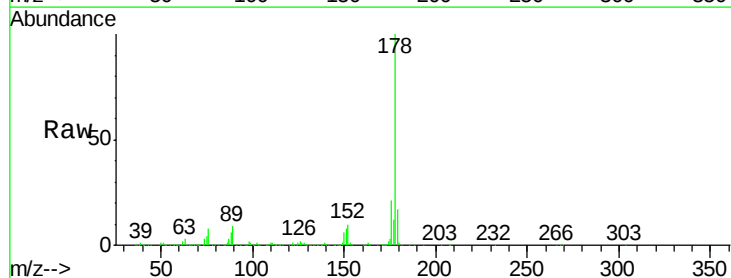
Tgt Ion:178 Resp: 1578751

Ion Ratio Lower Upper

178 100

176 21.2 15.9 23.9

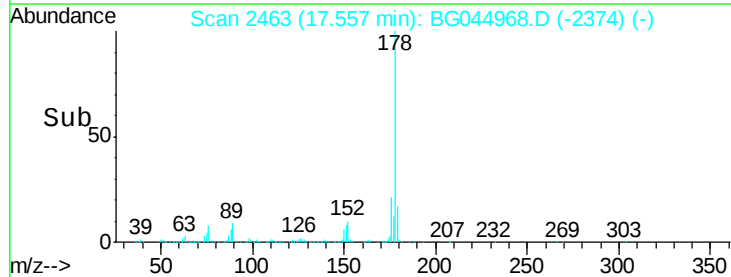
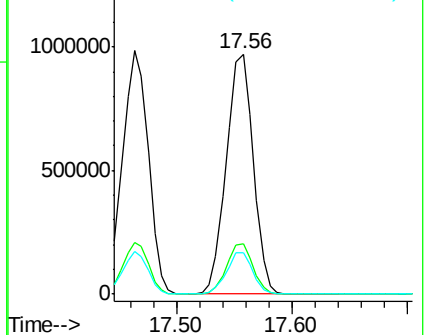
179 17.4 13.2 19.8



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

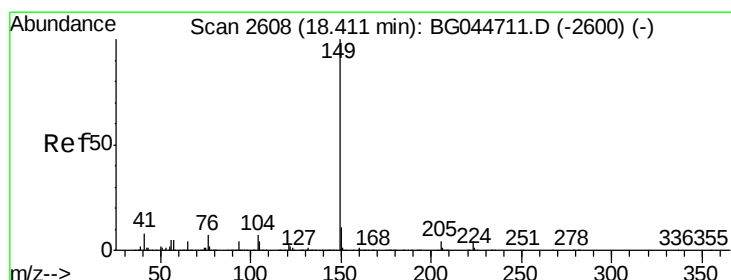
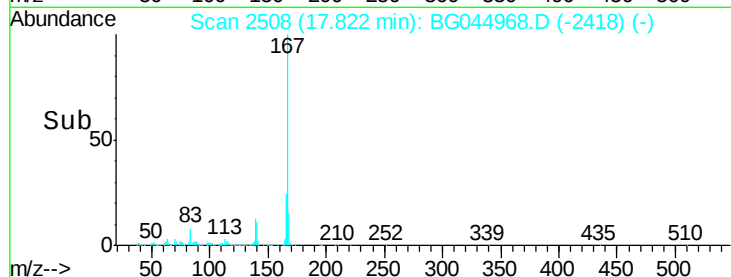
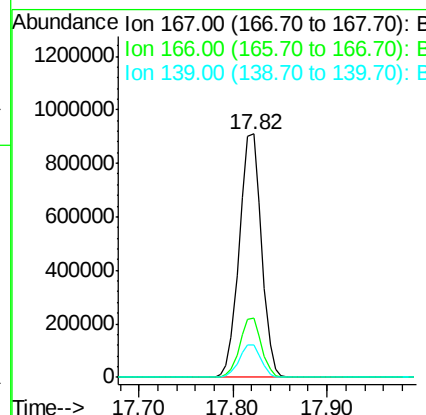
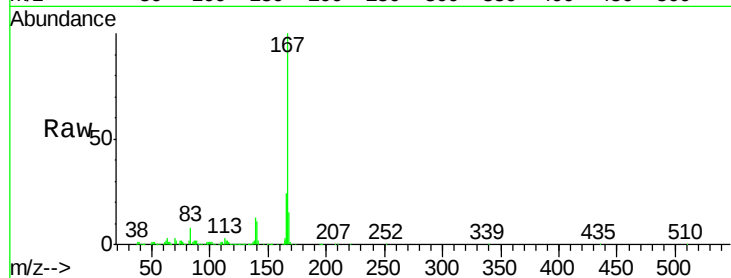




#73
 Carbazole
 Concen: 57.01 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

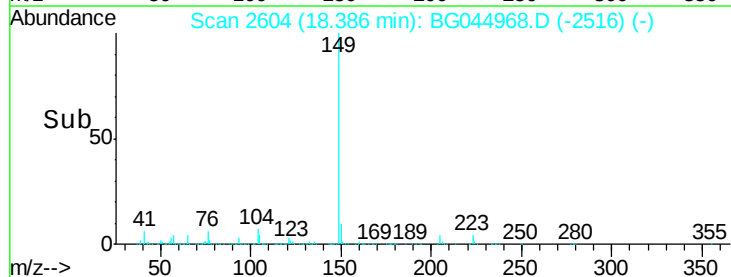
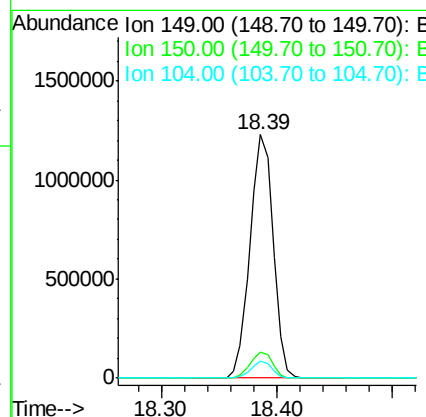
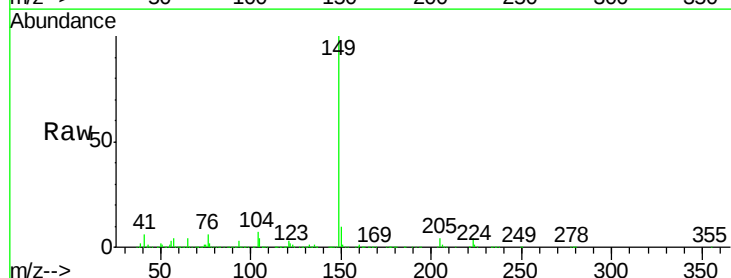
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MS

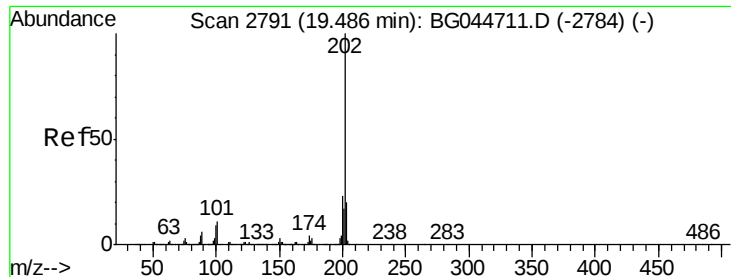
Tgt Ion:167 Resp: 1490584
 Ion Ratio Lower Upper
 167 100
 166 24.2 18.8 28.2
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 53.88 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044968.D
 Acq: 7 Apr 2020 23:40

Tgt Ion:149 Resp: 1712326
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.1 12.1
 104 6.9 5.0 7.4





#75

Fluoranthene

Concen: 58.88 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

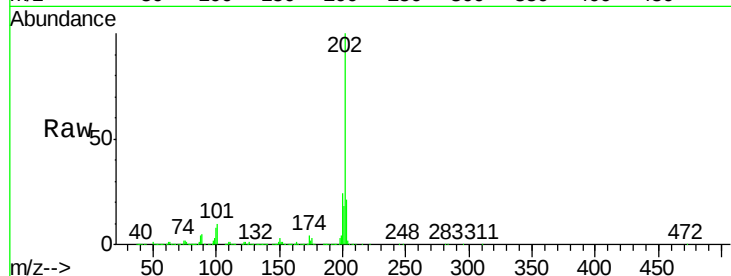
Tgt Ion:202 Resp: 1935149

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.8

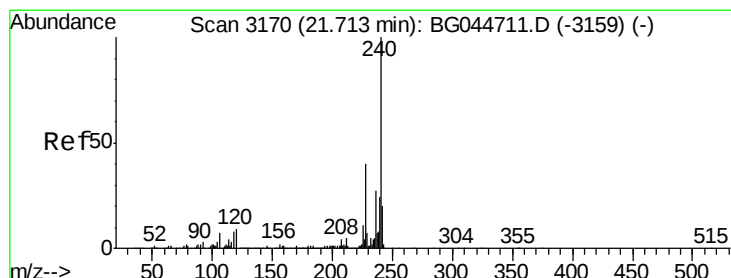
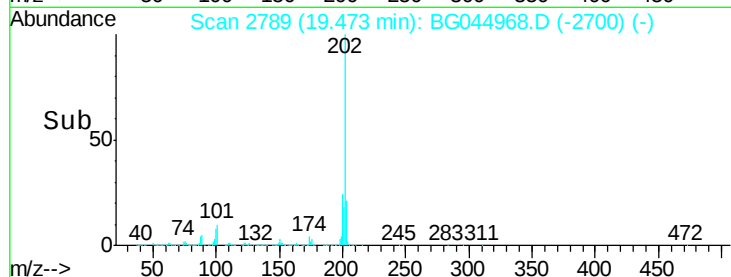
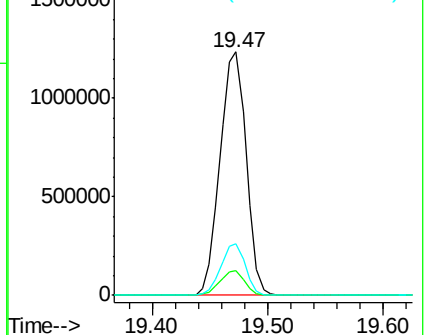
203 21.1 0.0 39.4



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# 3167

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

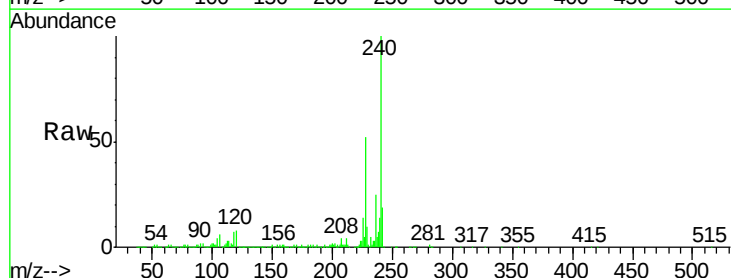
Tgt Ion:240 Resp: 522810

Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

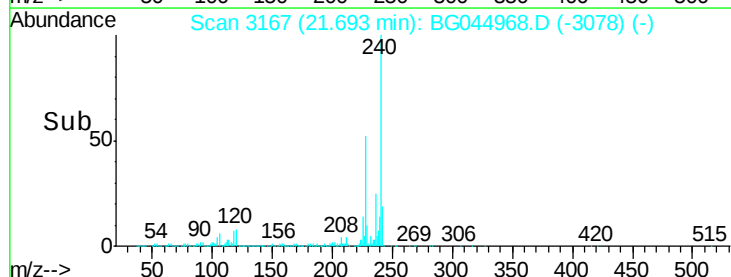
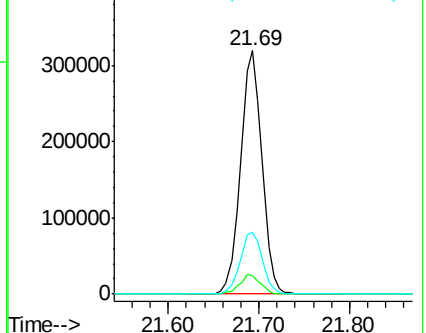
236 25.5 21.5 32.3

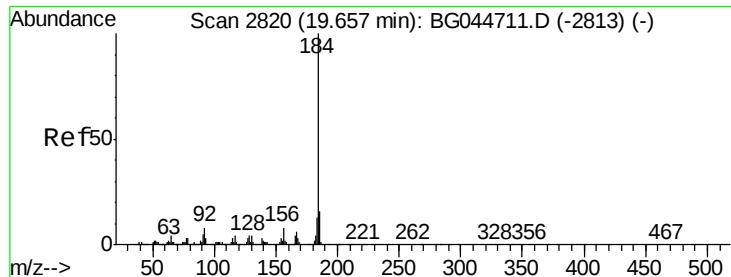


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.78 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

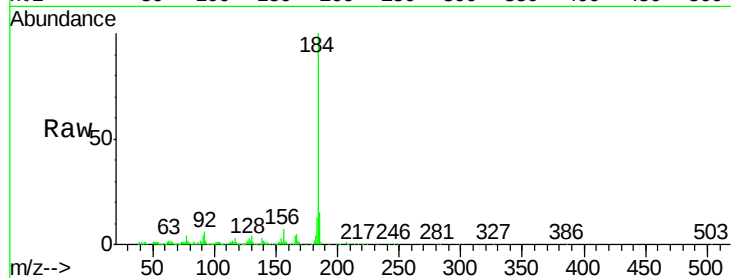
Tgt Ion:184 Resp: 454513

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.4

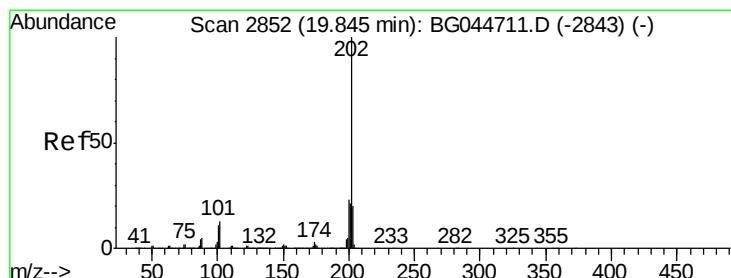
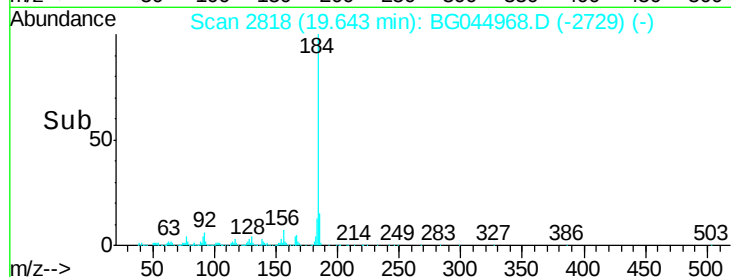
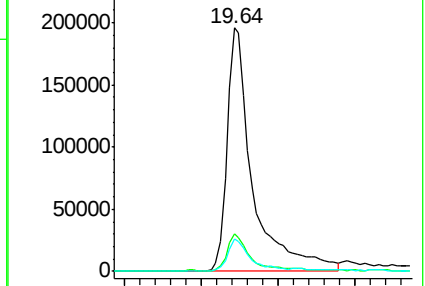
183 13.1 10.7 16.1



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: 49.77 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

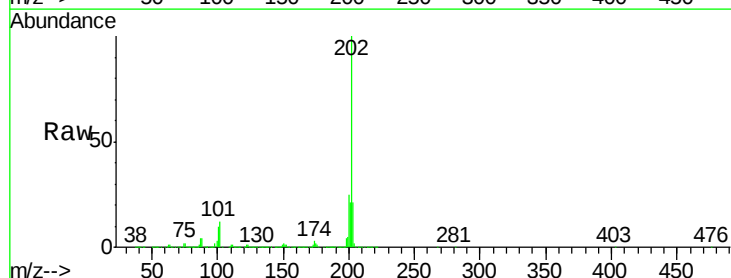
Tgt Ion:202 Resp: 1908841

Ion Ratio Lower Upper

202 100

200 25.0 18.3 27.5

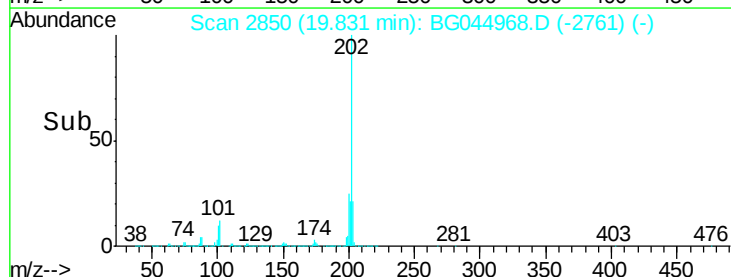
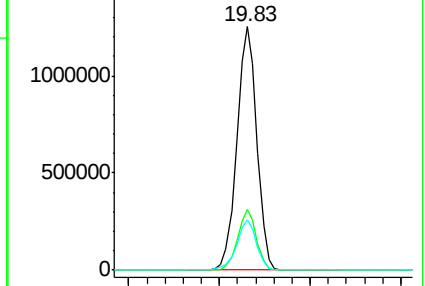
203 20.9 15.6 23.4

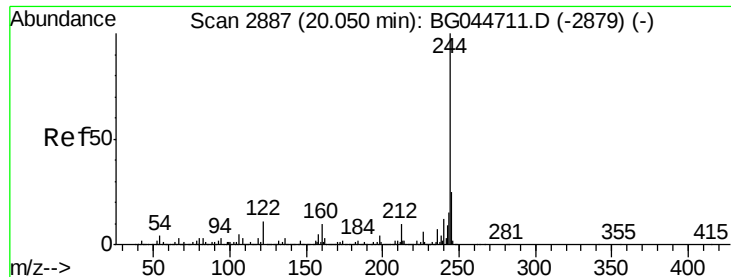


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.00 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

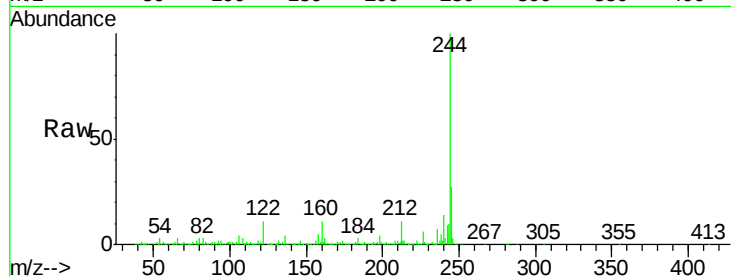
Tgt Ion:244 Resp: 2683233

Ion Ratio Lower Upper

244 100

212 11.0 7.7 11.5

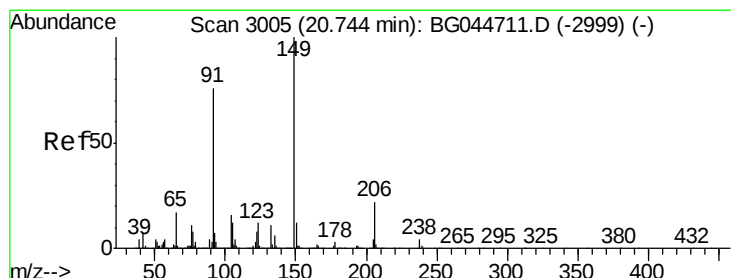
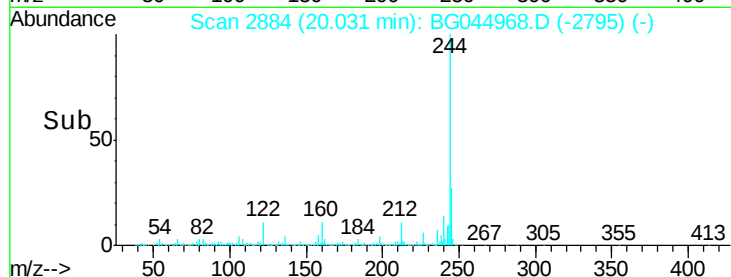
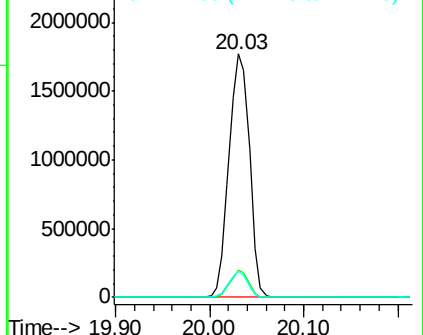
122 10.8 8.6 12.8



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: 48.99 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

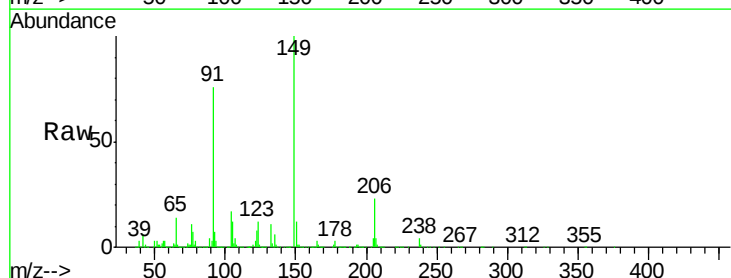
Tgt Ion:149 Resp: 836003

Ion Ratio Lower Upper

149 100

91 75.8 60.2 90.4

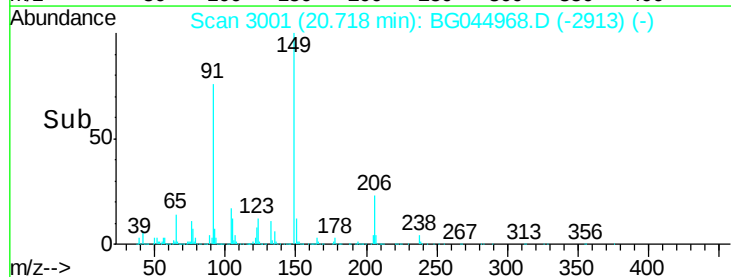
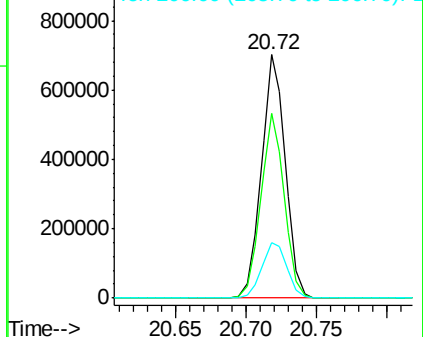
206 22.7 18.6 27.8

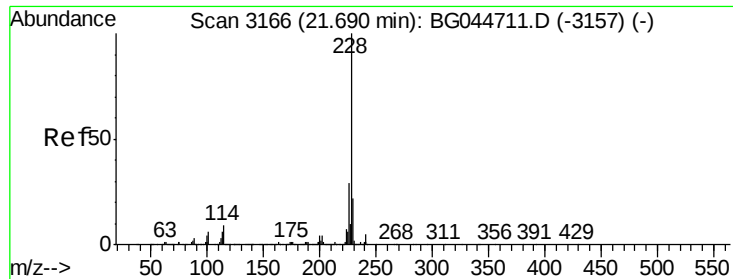


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.63 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

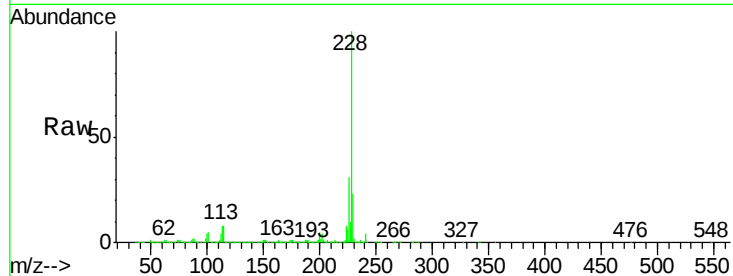
Tgt Ion:228 Resp: 1906203

Ion Ratio Lower Upper

228 100

226 31.2 23.6 35.4

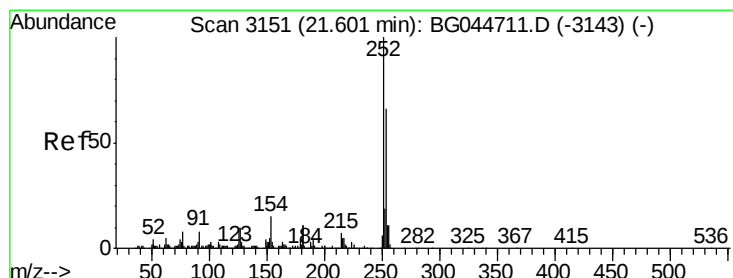
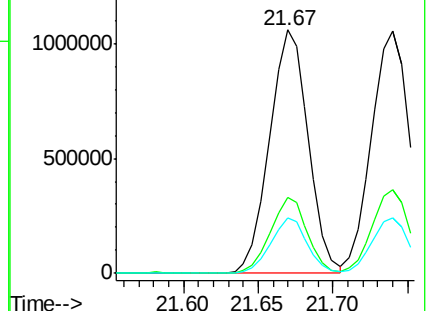
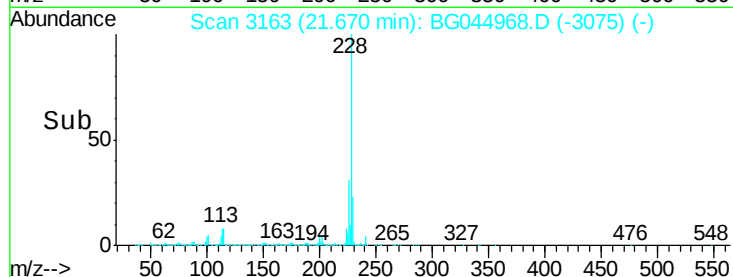
229 23.0 17.1 25.7



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: 30.57 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

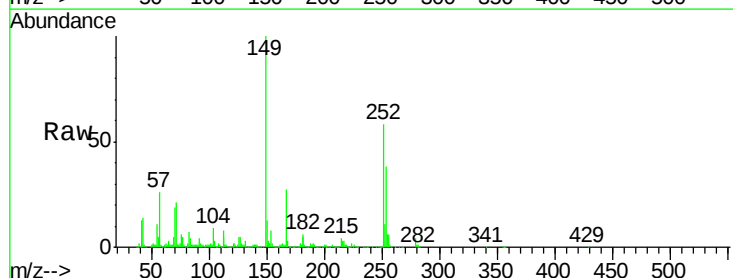
Tgt Ion:252 Resp: 445153

Ion Ratio Lower Upper

252 100

254 65.7 51.6 77.4

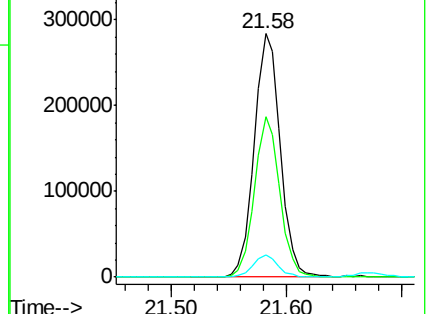
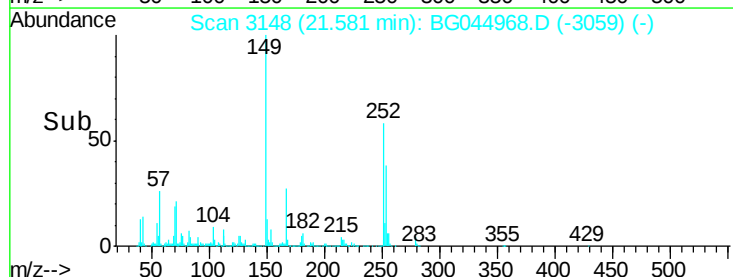
126 9.0 7.0 10.6

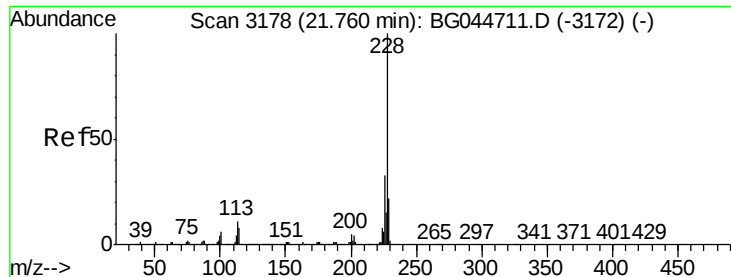


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.87 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

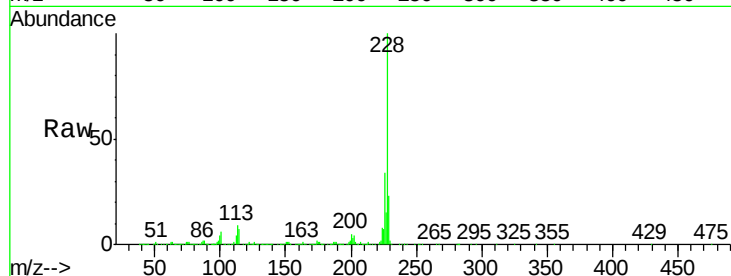
Tgt Ion:228 Resp: 1829382

Ion Ratio Lower Upper

228 100

226 34.4 25.9 38.9

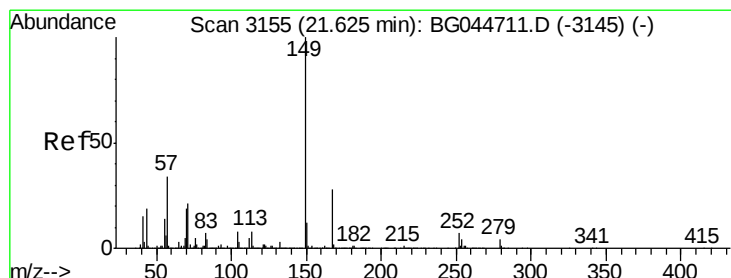
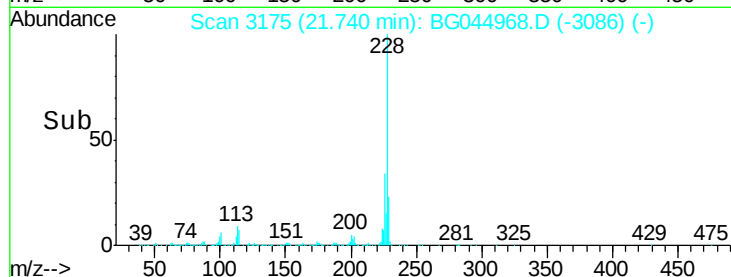
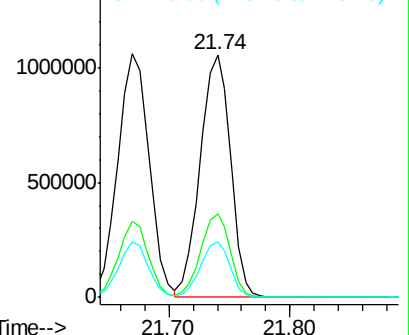
229 22.9 17.4 26.0



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: 49.25 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

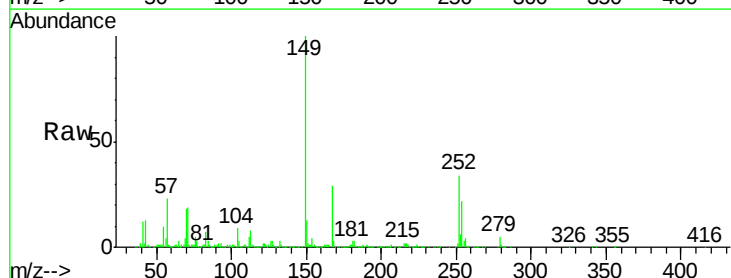
Tgt Ion:149 Resp: 1159793

Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.6

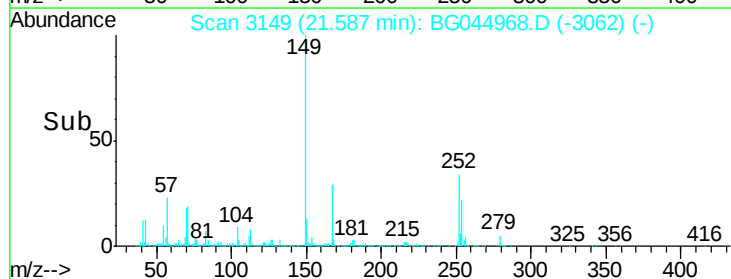
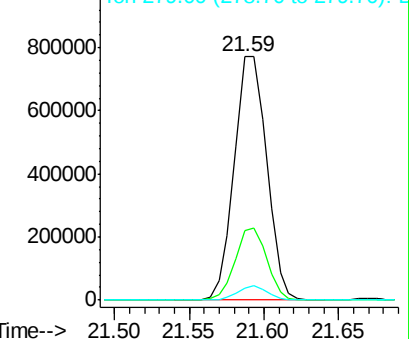
279 5.0 3.8 5.6

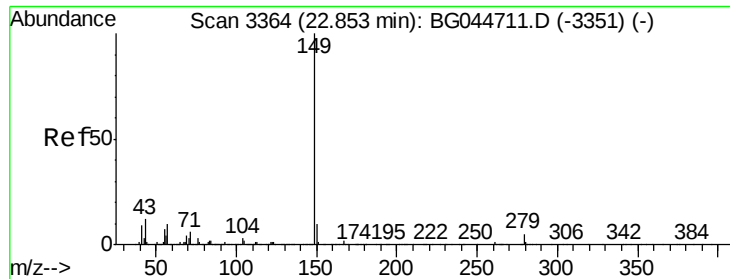


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

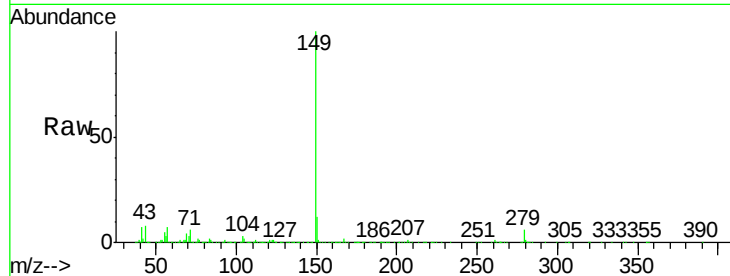




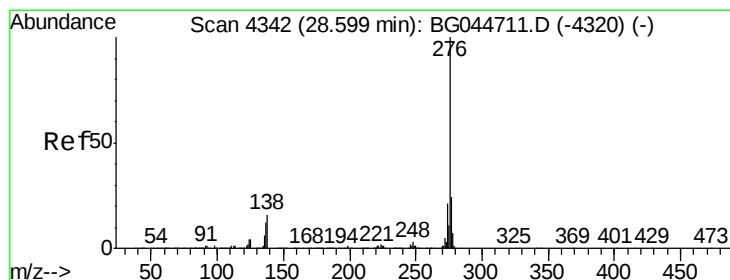
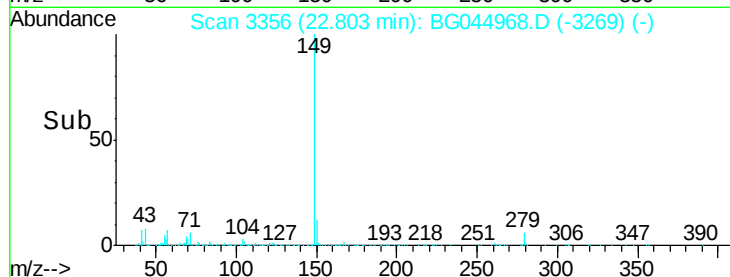
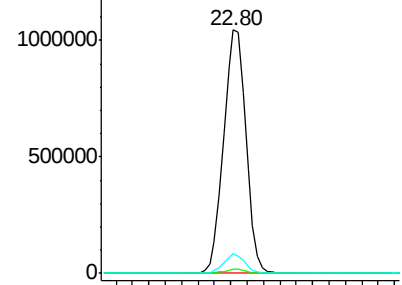
#85
Di-n-octyl phthalate
Concen: 50.56 ng
RT: 22.80 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MS

Tgt Ion:149 Resp: 1992621
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.5 8.2 12.4#

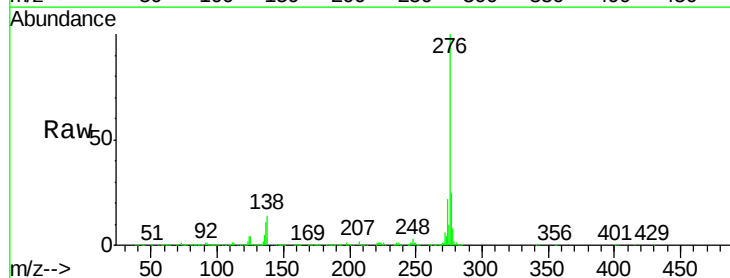


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

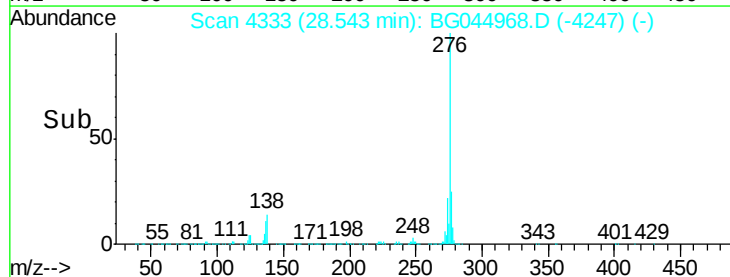
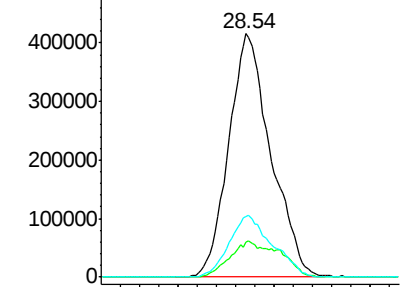


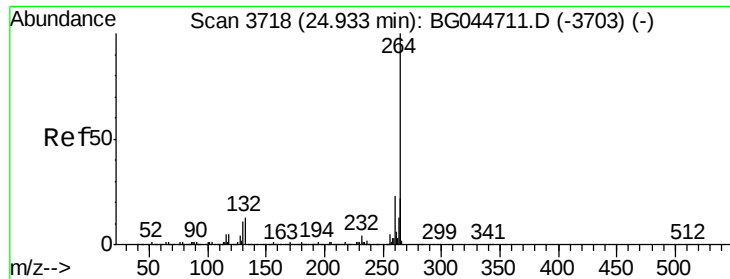
#86
Indeno(1,2,3-cd)pyrene
Concen: 53.76 ng
RT: 28.54 min Scan# 4333
Delta R.T. -0.03 min
Lab File: BG044968.D
Acq: 7 Apr 2020 23:40

Tgt Ion:276 Resp: 2534439
Ion Ratio Lower Upper
276 100
138 17.7 7.4 11.0#
277 26.2 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: 24.89 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

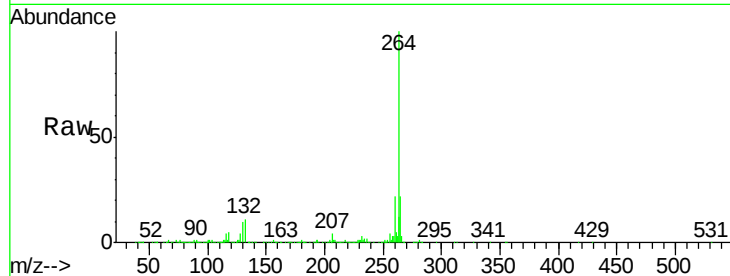
Tgt Ion: 264 Resp: 573885

Ion Ratio Lower Upper

264 100

260 21.9 18.1 27.1

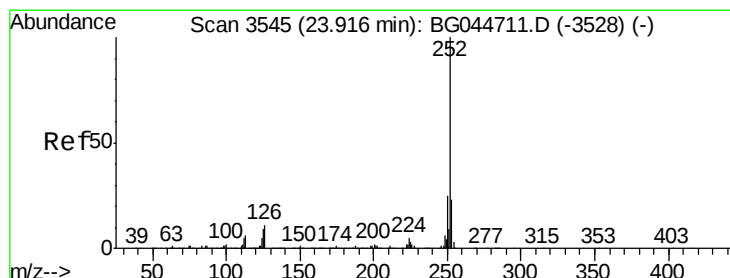
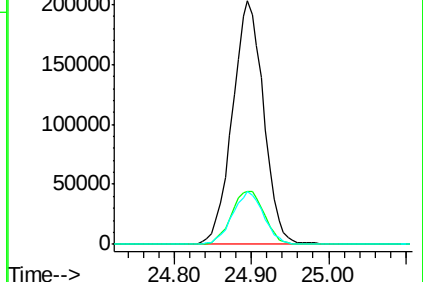
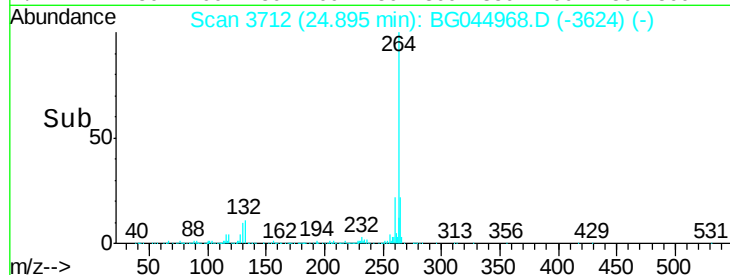
265 21.9 17.1 25.7



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: 56.05 ng

RT: 23.88 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

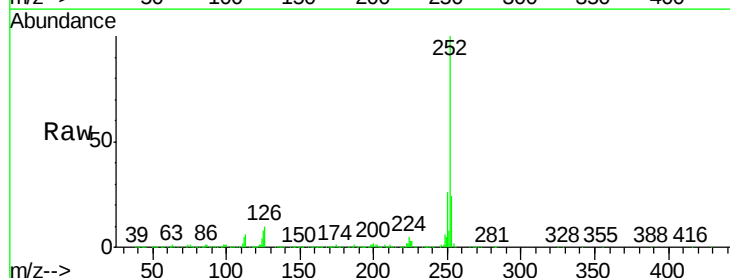
Tgt Ion: 252 Resp: 2123664

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

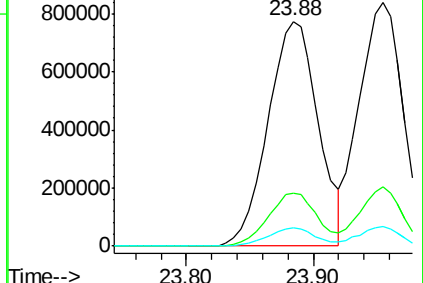
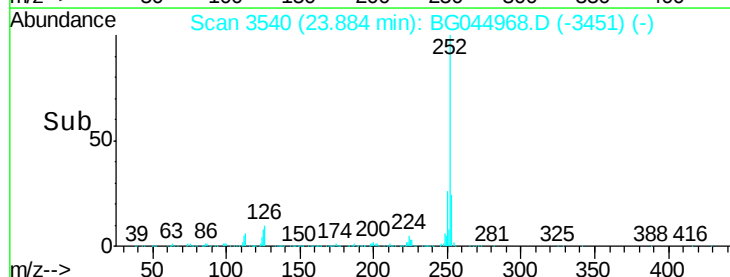
125 8.0 6.6 9.8

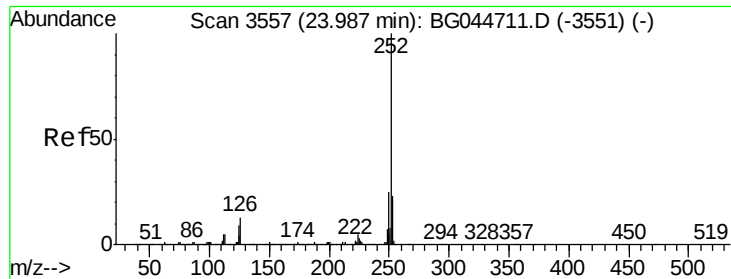


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 56.18 ng

RT: 23.95 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

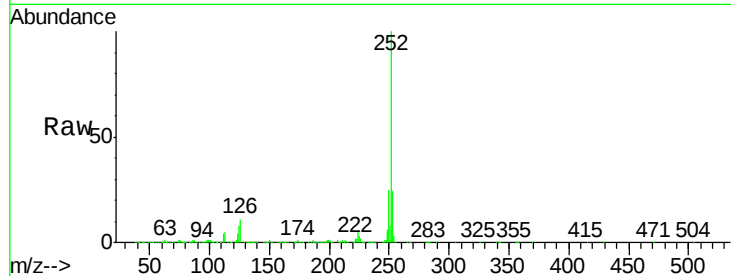
Tgt Ion:252 Resp: 2014082

Ion Ratio Lower Upper

252 100

253 24.2 18.5 27.7

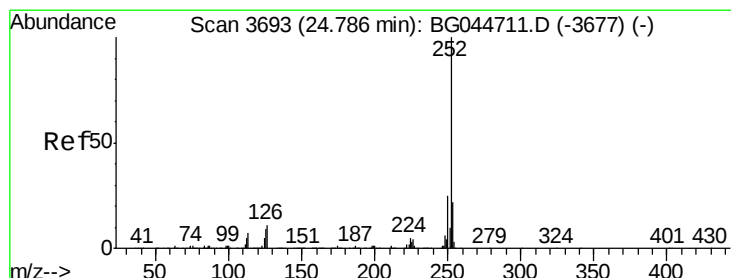
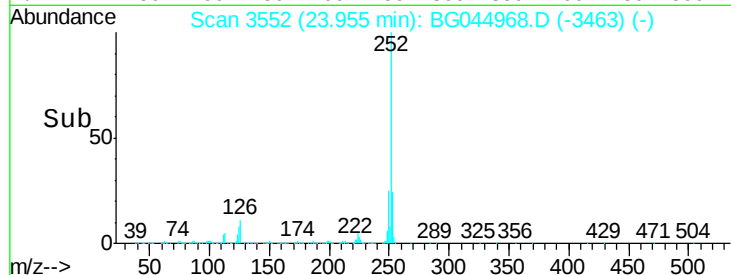
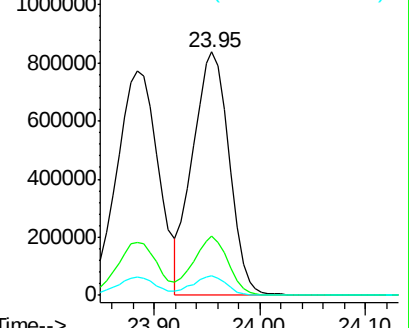
125 8.1 6.2 9.2



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: 55.17 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

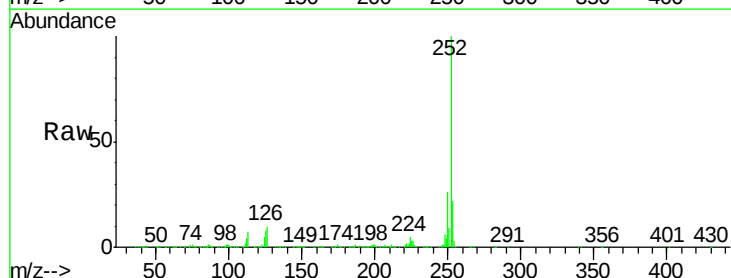
Tgt Ion:252 Resp: 1955962

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.0

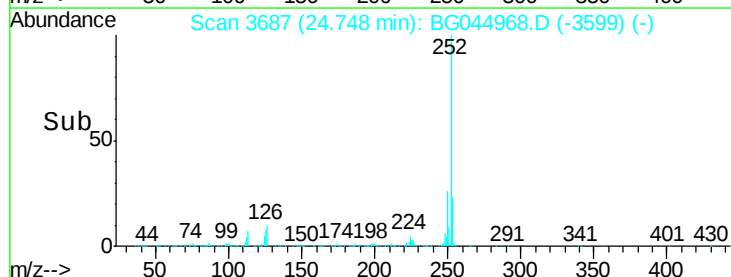
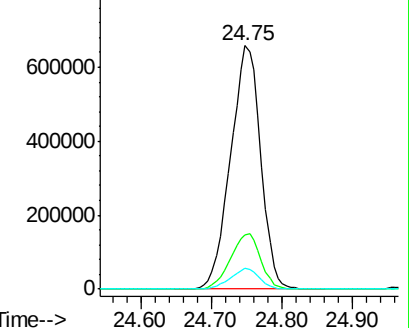
125 8.3 7.2 10.8

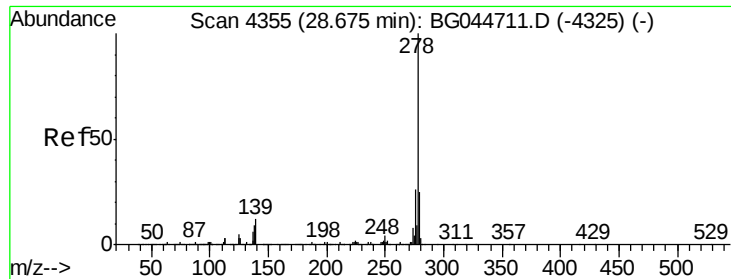


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 58.79 ng

RT: 28.61 min Scan# 4345

Delta R.T. -0.03 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MS

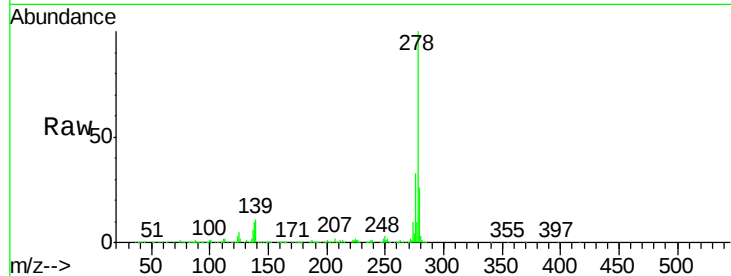
Tgt Ion:278 Resp: 2056071

Ion Ratio Lower Upper

278 100

139 11.0 10.2 15.2

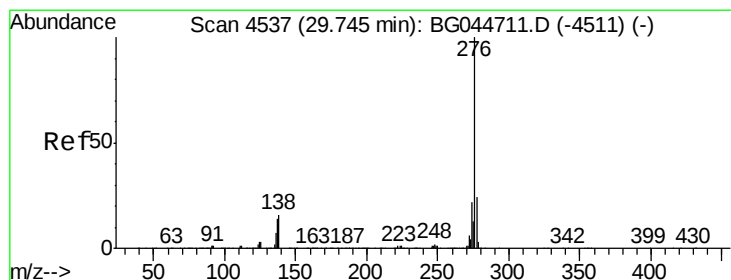
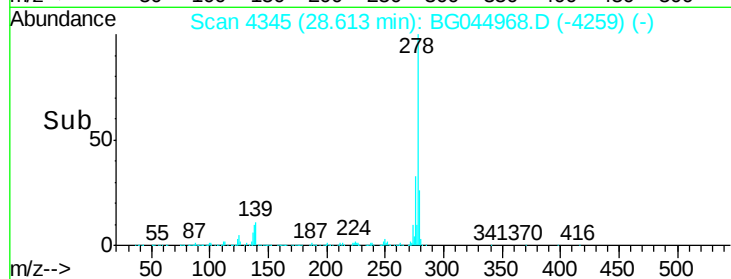
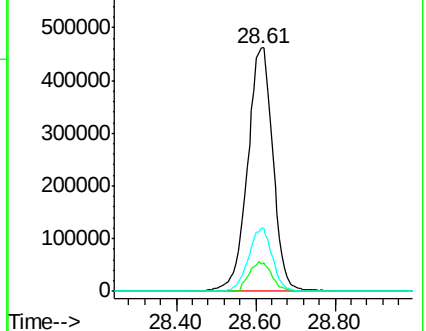
279 25.7 18.9 28.3



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: 59.23 ng

RT: 29.69 min Scan# 4528

Delta R.T. -0.02 min

Lab File: BG044968.D

Acq: 7 Apr 2020 23:40

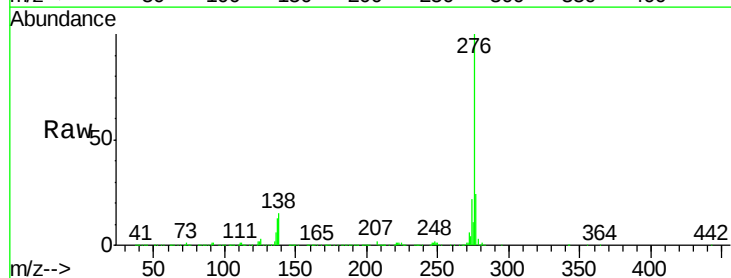
Tgt Ion:276 Resp: 2092917

Ion Ratio Lower Upper

276 100

277 23.8 20.1 30.1

138 15.1 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

