

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045792.D
 Acq On : 17 Jun 2020 16:02
 Operator : CG/JU
 Sample : L3020-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

Quant Time: Jun 17 16:47:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69952	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	278833	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	188914	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	416262	20.00	ng	0.00
76) Chrysene-d12	21.58	240	357534	20.00	ng	0.00
86) Perylene-d12	24.71	264	380179	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	422409	102.01	ng	0.00
7) Phenol-d6	7.16	99	604791	96.02	ng	0.00
23) Nitrobenzene-d5	9.09	82	395541	64.80	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	269575	94.52	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	861569	67.02	ng	0.00
79) Terphenyl-d14	19.94	244	1247280	70.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	55632	29.332	ng	97
3) Pyridine	3.76	79	154415	27.475	ng	98
4) n-Nitrosodimethylamine	3.68	42	68202	36.152	ng	# 98
6) Aniline	7.25	93	148034	19.960	ng	99
8) 2-Chlorophenol	7.51	128	175567	39.609	ng	93
9) Benzaldehyde	7.05	77	107643	28.452	ng	98
10) Phenol	7.19	94	231665	37.958	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	162793	35.117	ng	97
12) 1,3-Dichlorobenzene	7.81	146	188013	35.593	ng	99
13) 1,4-Dichlorobenzene	7.95	146	192540	36.492	ng	99
14) 1,2-Dichlorobenzene	8.28	146	181641	35.961	ng	97
15) Benzyl Alcohol	8.18	79	175114	35.925	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	149078	34.121	ng	82
17) 2-Methylphenol	8.42	107	153433	33.781	ng	99
18) Hexachloroethane	9.00	117	73064	36.461	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	146764	35.441	ng	97
20) 3+4-Methylphenols	8.75	107	206504	34.570	ng	# 79
22) Acetophenone	8.75	105	263101	34.378	ng	# 98
24) Nitrobenzene	9.13	77	220754	33.921	ng	99
25) Isophorone	9.65	82	389574	32.970	ng	98
26) 2-Nitrophenol	9.84	139	97816	36.077	ng	95
27) 2,4-Dimethylphenol	9.94	122	154620	37.353	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	217836	35.294	ng	97
29) 2,4-Dichlorophenol	10.41	162	176063	36.456	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	197841	34.603	ng	97
31) Naphthalene	10.78	128	531087	34.839	ng	98
32) Benzoic acid	10.15	122	101483	39.709	ng	90
33) 4-Chloroaniline	10.90	127	76234	11.942	ng	96
34) Hexachlorobutadiene	11.07	225	139928	34.413	ng	100
35) Caprolactam	11.67	113	35389	22.644	ng	91
36) 4-Chloro-3-methylphenol	12.08	107	196895	35.310	ng	97
37) 2-Methylnaphthalene	12.39	142	395036	34.800	ng	98
38) 1-Methylnaphthalene	12.61	142	376221	35.023	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	229868	36.953	ng	98

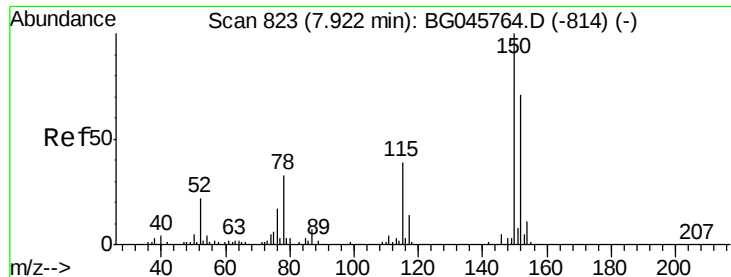
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045792.D
 Acq On : 17 Jun 2020 16:02
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	169588	52.581	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	152321	36.116	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	162183	33.741	ng	97
46) 1,1'-Biphenyl	13.40	154	490014	36.230	ng	99
47) 2-Chloronaphthalene	13.45	162	383658	35.116	ng	98
48) 2-Nitroaniline	13.66	65	121650	33.474	ng	99
49) Acenaphthylene	14.29	152	609173	34.810	ng	99
50) Dimethylphthalate	14.03	163	609857	41.208	ng	99
51) 2,6-Dinitrotoluene	14.15	165	110961	33.382	ng	97
52) Acenaphthene	14.64	154	366163	34.519	ng	97
53) 3-Nitroaniline	14.49	138	62753	18.901	ng	89
54) 2,4-Dinitrophenol	14.70	184	79575	47.580	ng	96
55) Dibenzofuran	14.97	168	587928	34.119	ng	99
56) 4-Nitrophenol	14.87	139	151764	64.604	ng	98
57) 2,4-Dinitrotoluene	14.94	165	158580	33.297	ng	96
58) Fluorene	15.62	166	492534	34.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	148432	35.579	ng	97
60) Diethylphthalate	15.40	149	509994	33.710	ng	96
61) 4-Chlorophenyl-phenylether	15.61	204	271124	32.830	ng	97
62) 4-Nitroaniline	15.66	138	88062	25.844	ng	99
63) Azobenzene	15.91	77	500117	34.427	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	68904	26.785	ng	92
66) n-Nitrosodiphenylamine	15.83	169	428334	36.330	ng	100
67) 4-Bromophenyl-phenylether	16.51	248	185945	34.378	ng	97
68) Hexachlorobenzene	16.63	284	203037	36.201	ng	96
69) Atrazine	16.79	200	156700	34.251	ng	98
70) Pentachlorophenol	16.99	266	203133	74.064	ng	96
71) Phenanthrene	17.36	178	746387	34.767	ng	98
72) Anthracene	17.45	178	773992	36.205	ng	100
73) Carbazole	17.73	167	686919	33.746	ng	99
74) Di-n-butylphthalate	18.29	149	821784	34.096	ng	99
75) Fluoranthene	19.38	202	870094	32.960	ng	100
77) Benzidine	19.56	184	348453	37.489	ng	99
78) Pyrene	19.74	202	857178	35.803	ng	100
80) Butylbenzylphthalate	20.62	149	335173	33.446	ng	93
81) Benzo(a)anthracene	21.56	228	800128	34.518	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	209007	23.837	ng	97
83) Chrysene	21.63	228	773581	34.503	ng	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	473100	33.940	ng	# 96
85) Di-n-octyl phthalate	22.65	149	796522	33.127	ng	99
87) Indeno(1,2,3-cd)pyrene	28.27	276	988176	35.854	ng	# 95
88) Benzo(b)fluoranthene	23.72	252	849177	35.624	ng	96
89) Benzo(k)fluoranthene	23.78	252	803937	35.239	ng	98
90) Benzo(a)pyrene	24.57	252	765718	34.388	ng	100
91) Dibenzo(a,h)anthracene	28.32	278	822450	37.212	ng	100
92) Benzo(g,h,i)perylene	29.37	276	813401	36.769	ng	98

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

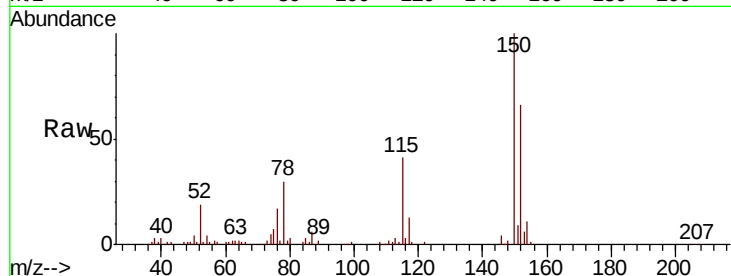


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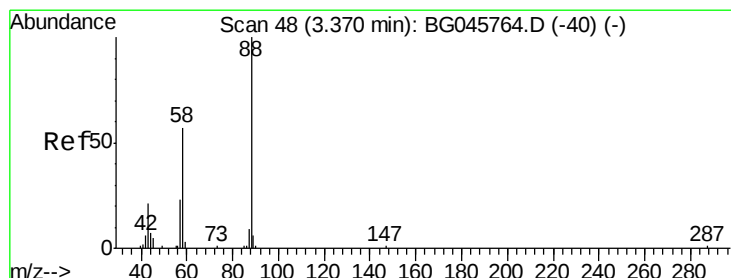
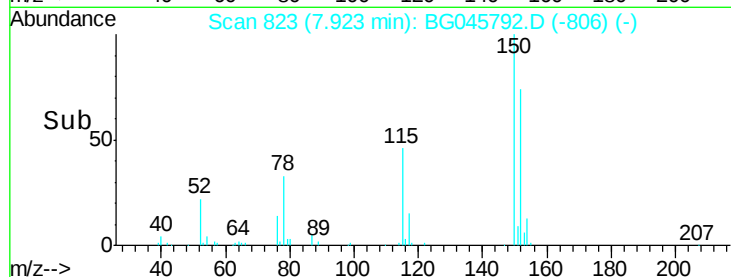
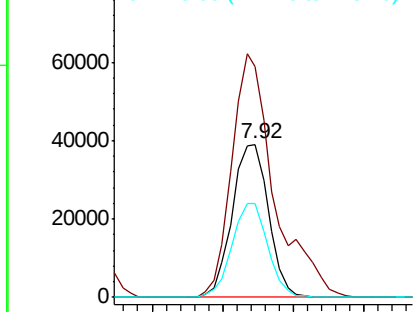
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion:152 Resp: 69952
Ion Ratio Lower Upper
152 100
150 151.3 113.1 169.7
115 61.7 43.8 65.6



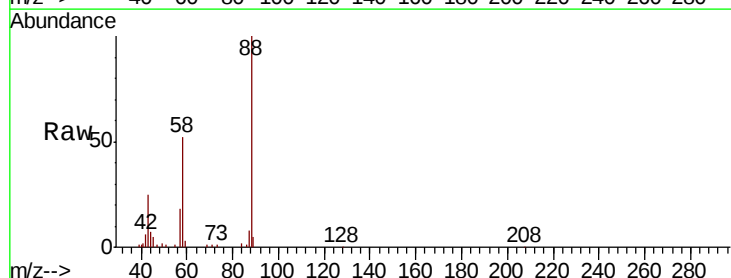
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



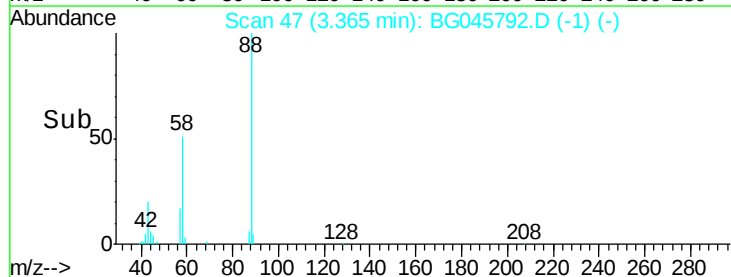
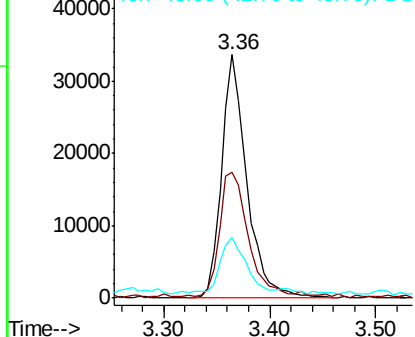
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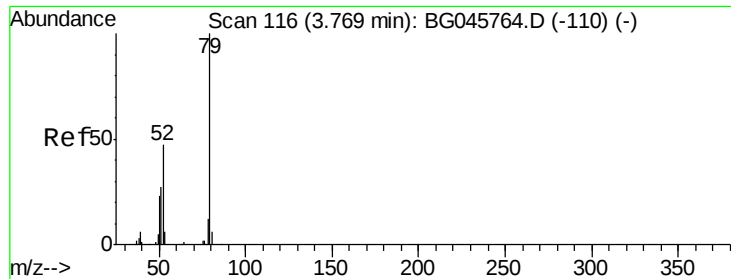
1,4-Dioxane
Concen: 29.332 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion: 88 Resp: 55632
Ion Ratio Lower Upper
88 100
58 59.8 46.1 69.1
43 25.0 19.2 28.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.475 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

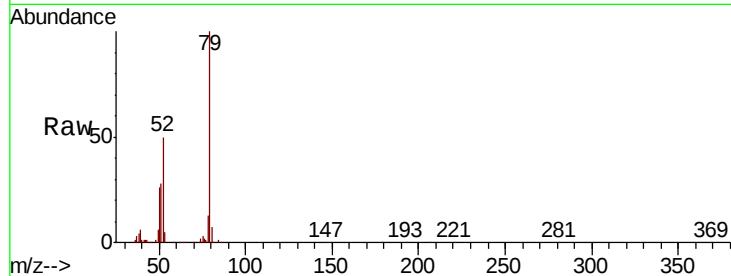
Tot Ion: 79 Resp: 154415

Ion Ratio Lower Upper

79 100

52 49.6 37.9 56.9

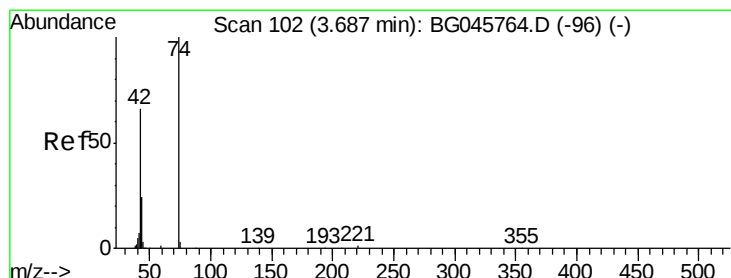
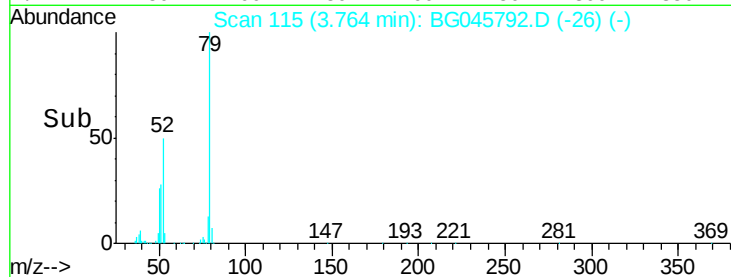
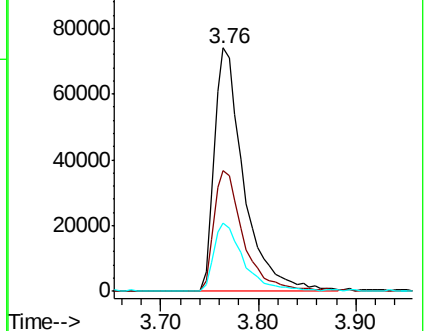
51 28.0 22.0 33.0



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: 36.152 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

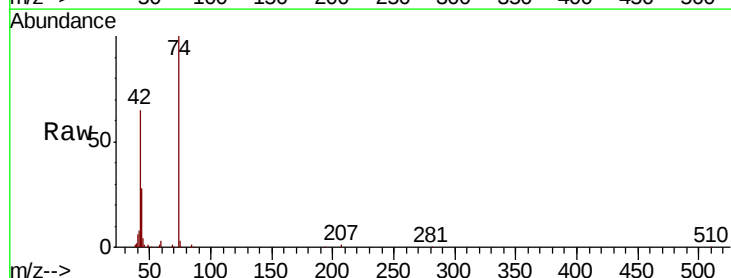
Tgt Ion: 42 Resp: 68202

Ion Ratio Lower Upper

42 100

74 154.0 121.0 181.4

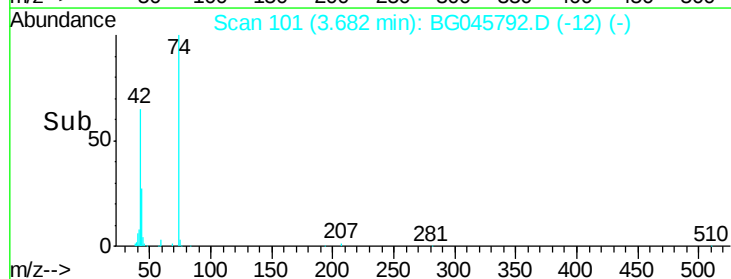
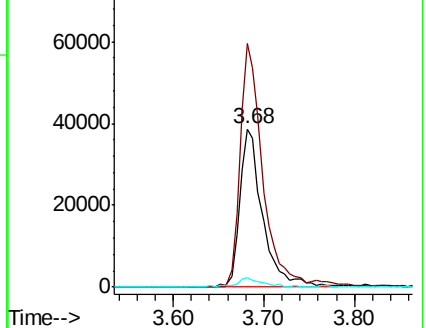
44 5.9 3.5 5.3#



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: 102.005 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

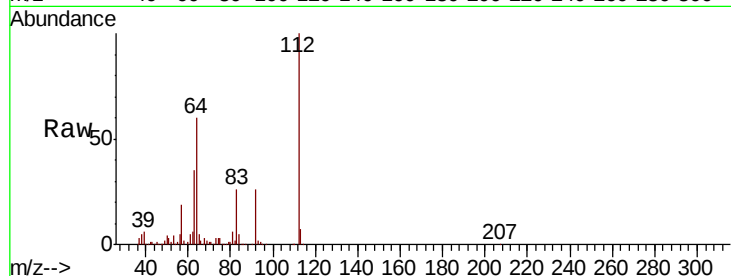
Tot Ion:112 Resp: 422409

Ion Ratio Lower Upper

112 100

64 60.5 46.6 69.8

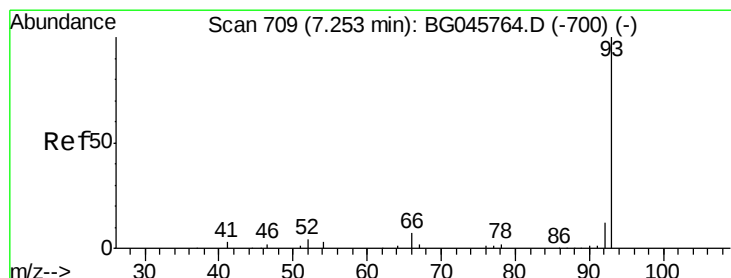
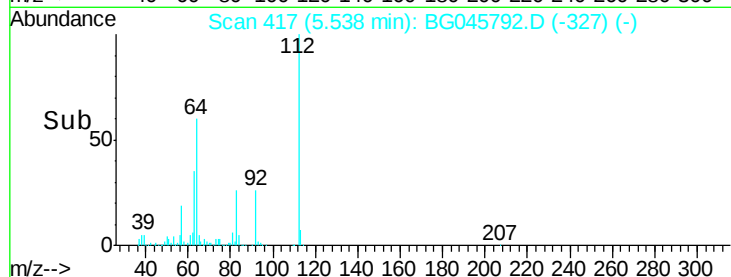
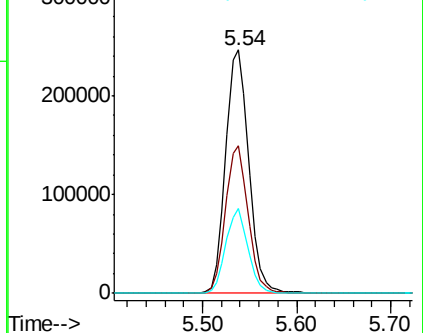
63 34.8 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.960 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

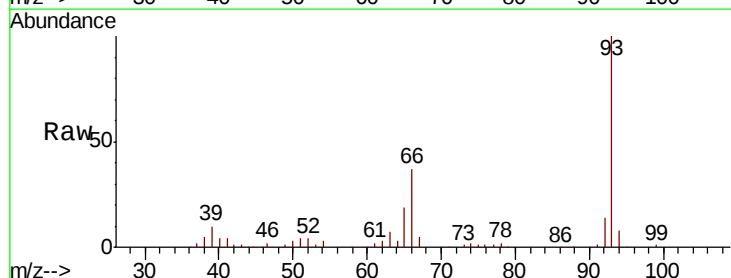
Tgt Ion: 93 Resp: 148034

Ion Ratio Lower Upper

93 100

66 37.3 30.0 45.0

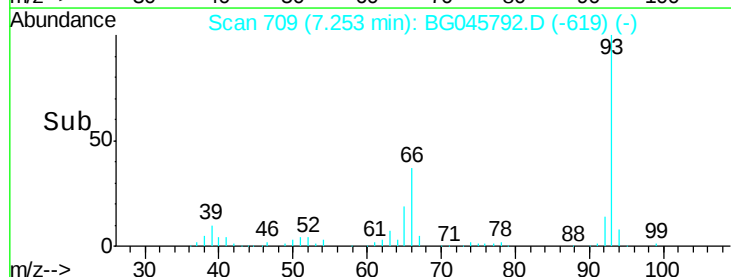
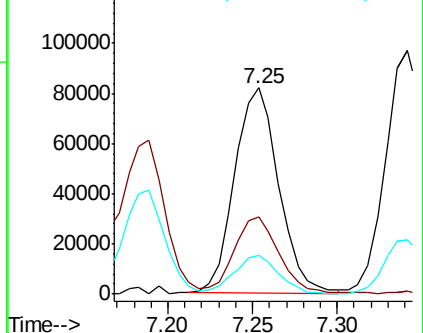
65 19.0 14.7 22.1

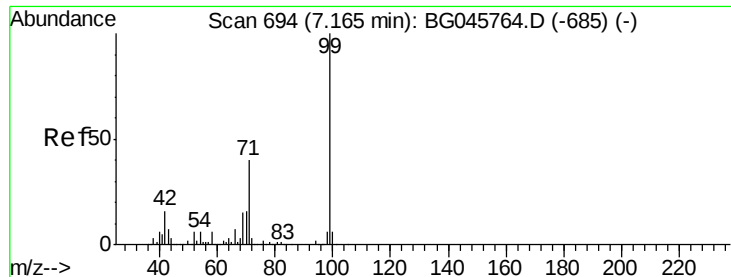


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.015 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

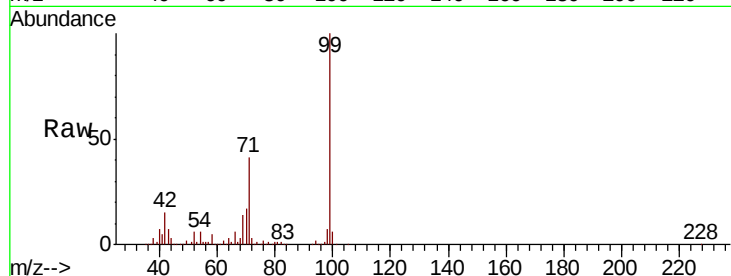
Tot Ion: 99 Resp: 604791

Ion Ratio Lower Upper

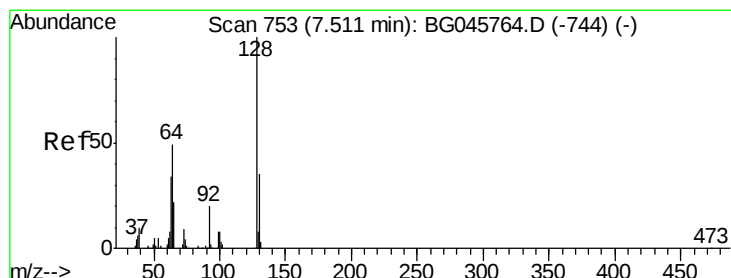
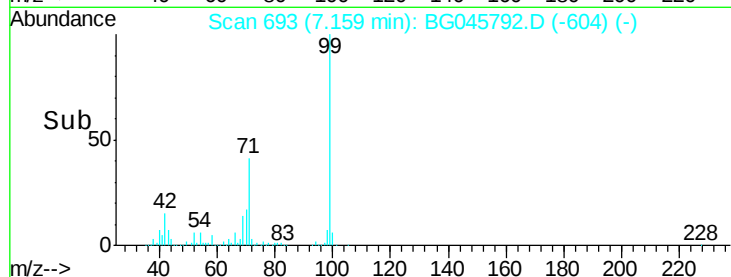
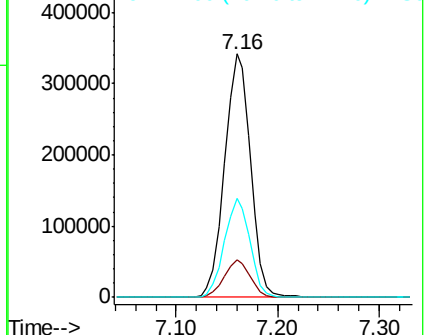
99 100

42 15.5 12.4 18.6

71 40.6 32.1 48.1



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: 39.609 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

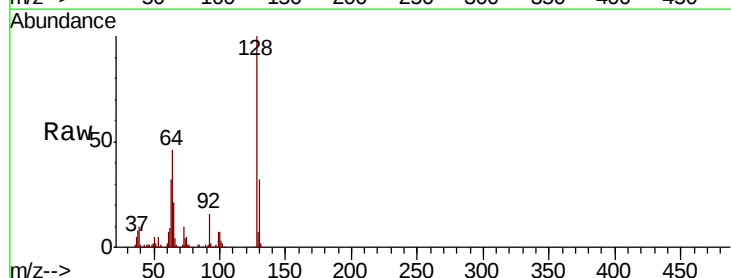
Tgt Ion:128 Resp: 175567

Ion Ratio Lower Upper

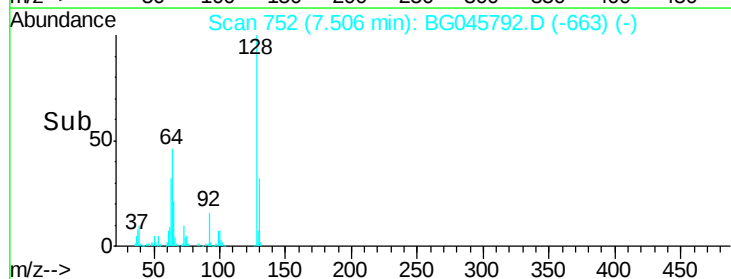
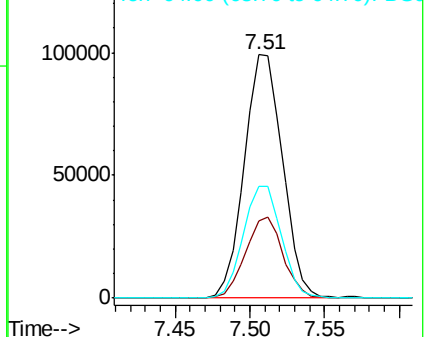
128 100

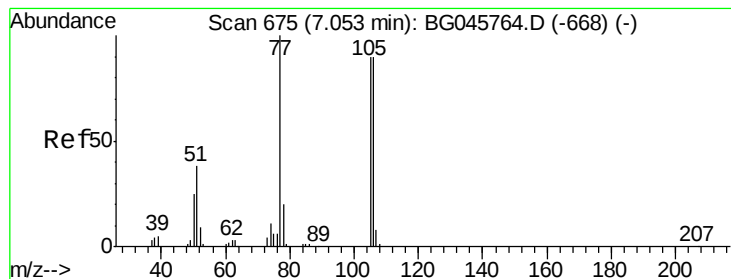
130 31.9 14.5 54.5

64 46.0 31.6 71.6



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: 28.452 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

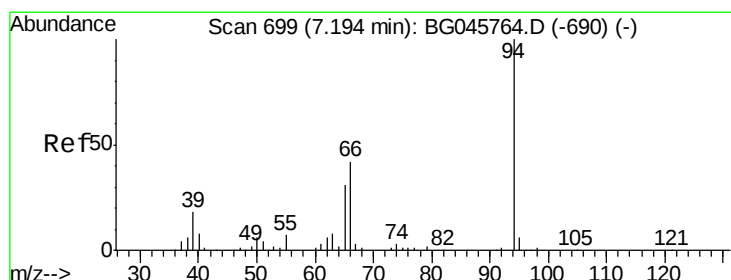
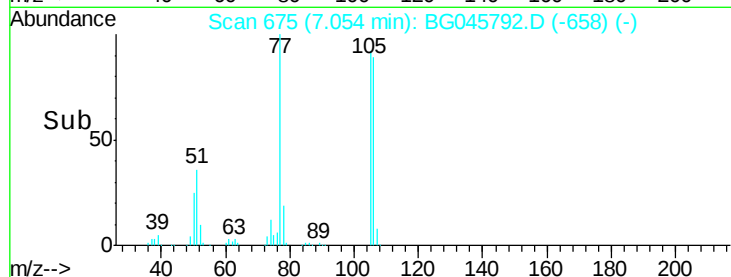
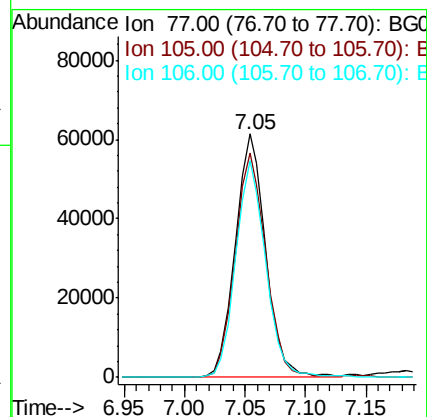
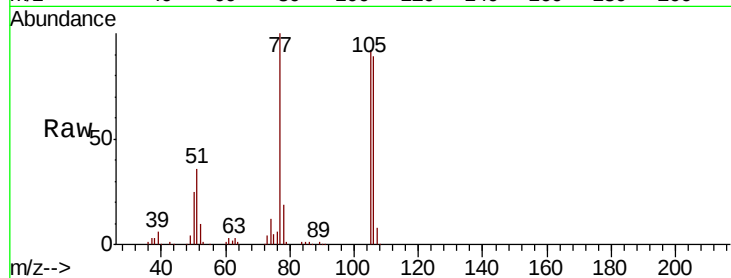
Tot Ion: 77 Resp: 107643

Ion Ratio Lower Upper

77 100

105 92.2 70.4 110.4

106 88.9 70.2 110.2



#10

Phenol

Concen: 37.958 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

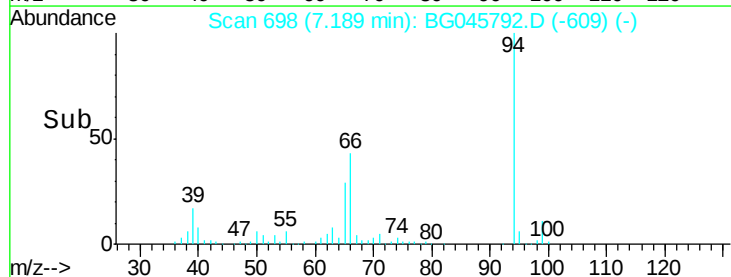
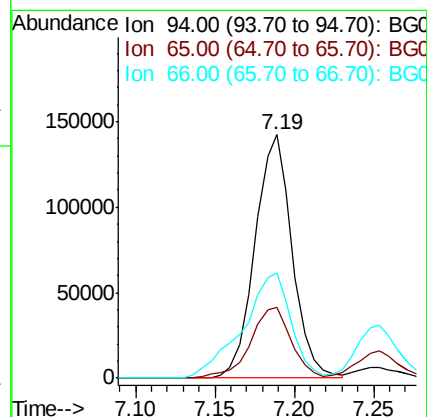
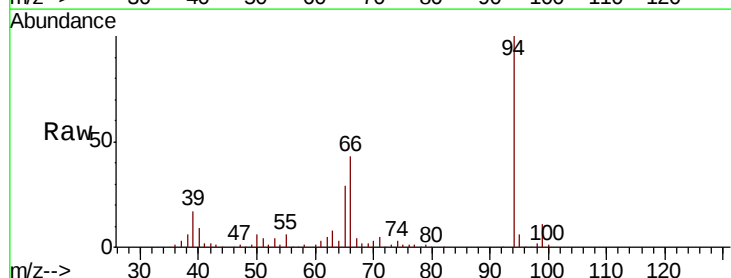
Tgt Ion: 94 Resp: 231665

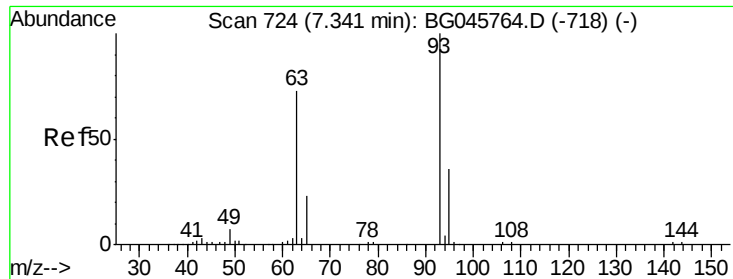
Ion Ratio Lower Upper

94 100

65 29.0 10.7 50.7

66 43.2 22.5 62.5

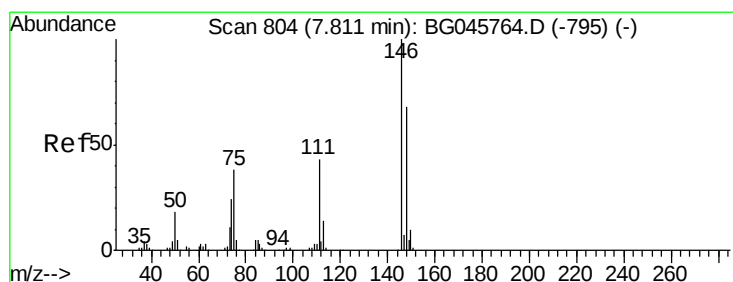
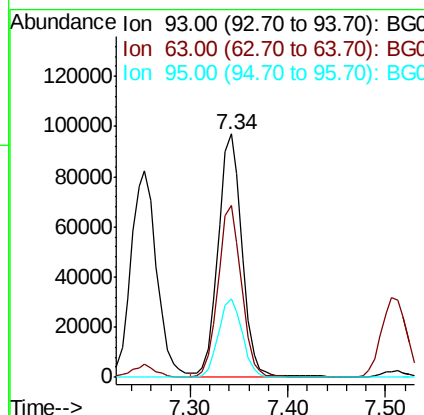
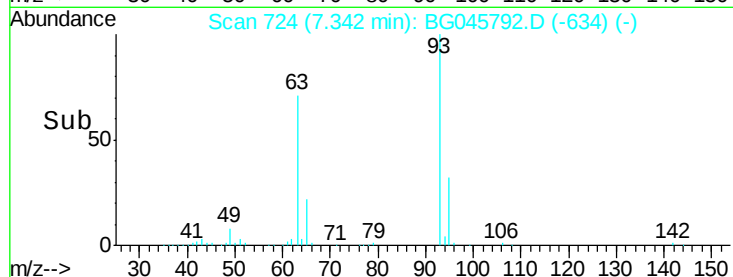
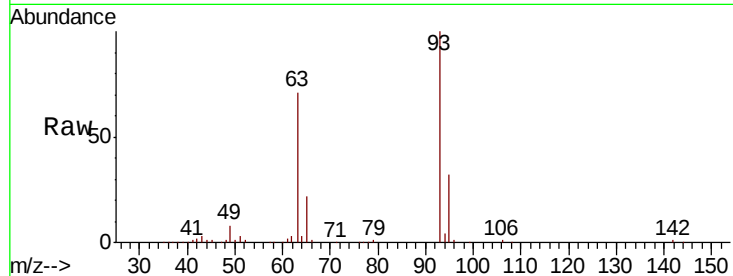




#11
bis(2-Chloroethyl)ether
Concen: 35.117 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

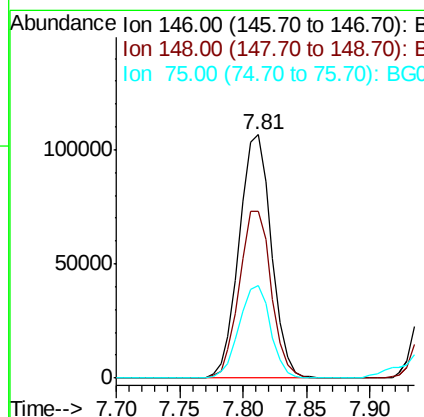
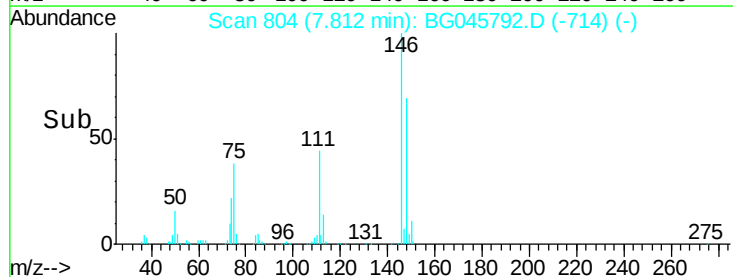
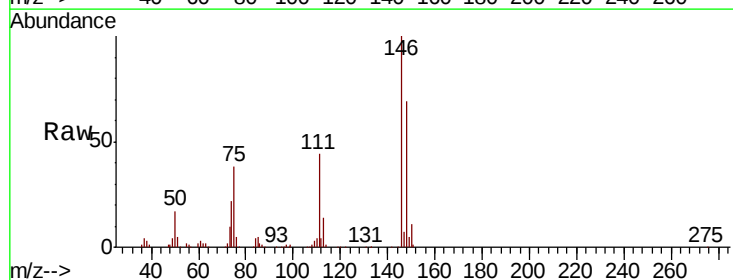
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

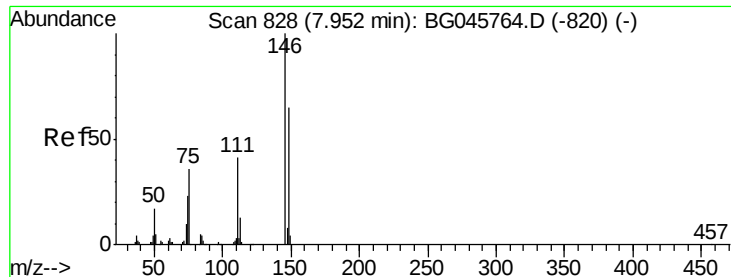
Tot Ion: 93 Resp: 162793
Ion Ratio Lower Upper
93 100
63 70.7 52.0 92.0
95 32.4 15.6 55.6



#12
1,3-Dichlorobenzene
Concen: 35.593 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion: 146 Resp: 188013
Ion Ratio Lower Upper
146 100
148 68.7 54.2 81.4
75 38.3 30.1 45.1

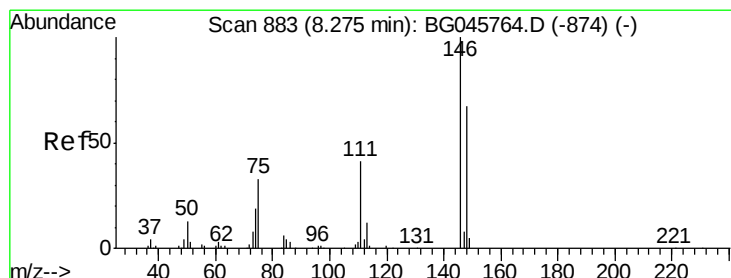
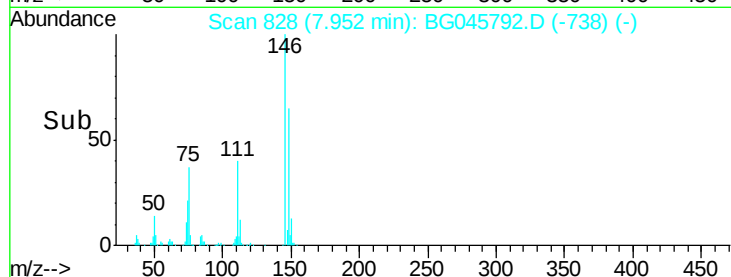
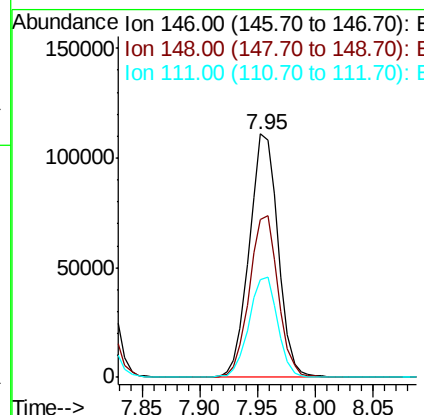
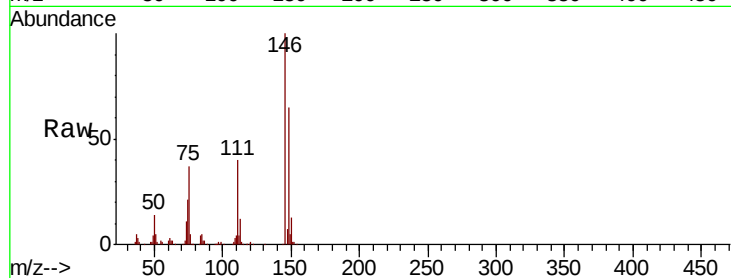




#13
 1,4-Dichlorobenzene
 Concen: 36.492 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

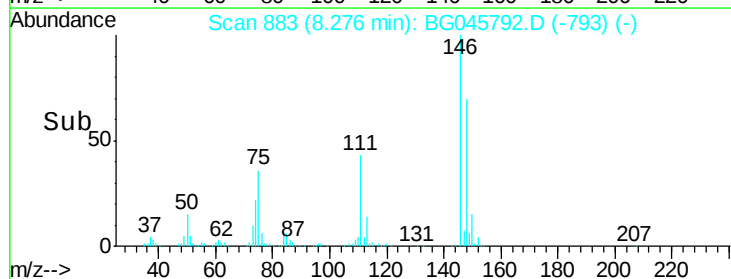
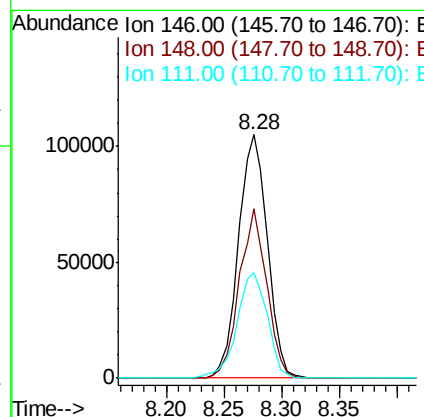
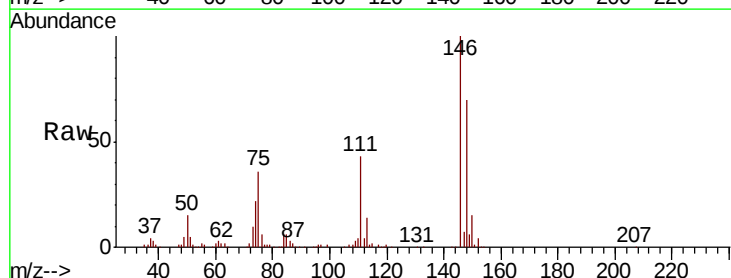
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

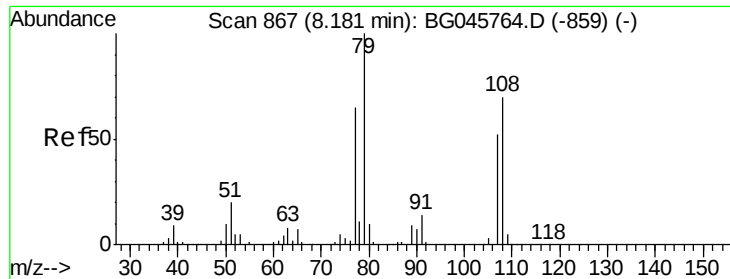
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	40.1	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 35.961 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.6	54.1	81.1
111	43.0	32.9	49.3





#15

Benzyl Alcohol

Concen: 35.925 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

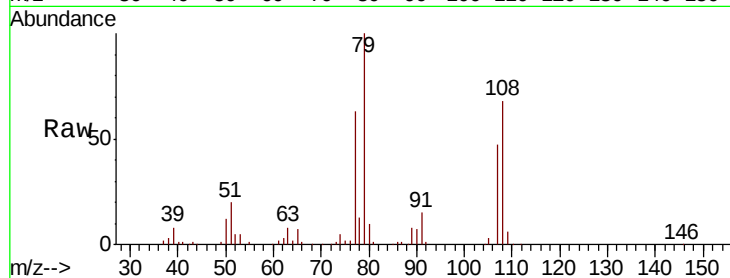
Tot Ion: 79 Resp: 175114

Ion Ratio Lower Upper

79 100

108 68.5 56.2 84.4

77 62.9 52.2 78.2



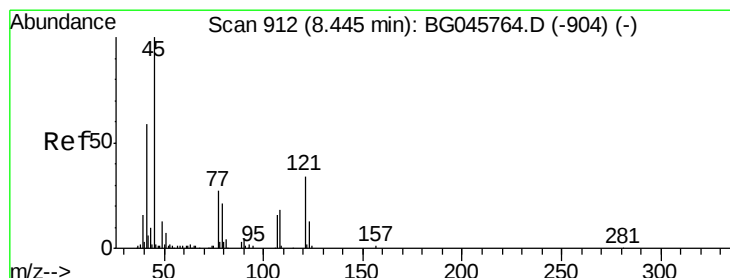
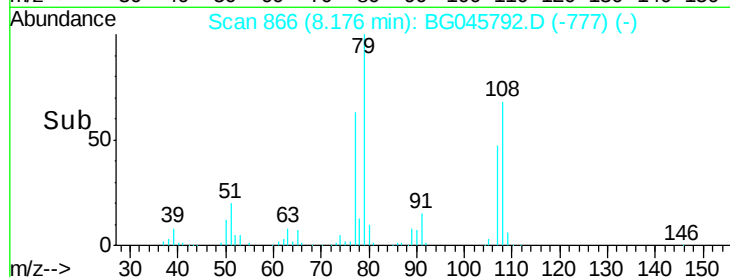
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

8.18

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.121 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

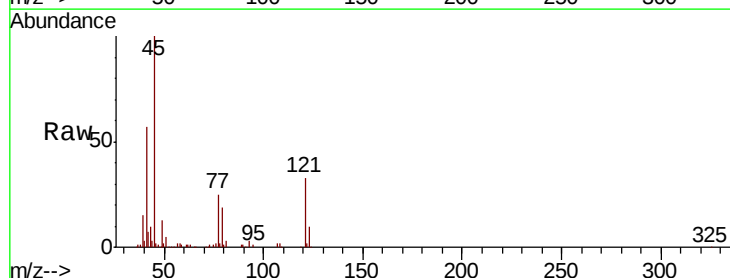
Tgt Ion: 45 Resp: 149078

Ion Ratio Lower Upper

45 100

77 25.2 14.9 54.9

79 19.0 9.2 49.2



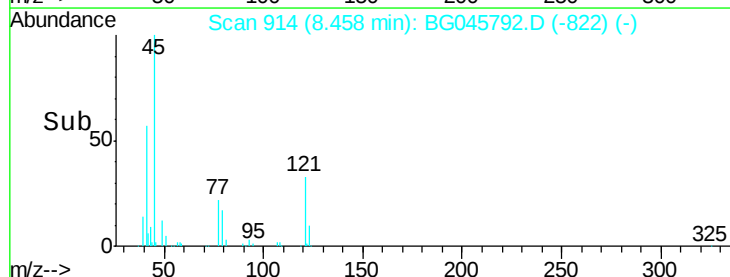
Abundance Ion 45.00 (44.70 to 45.70): BGC

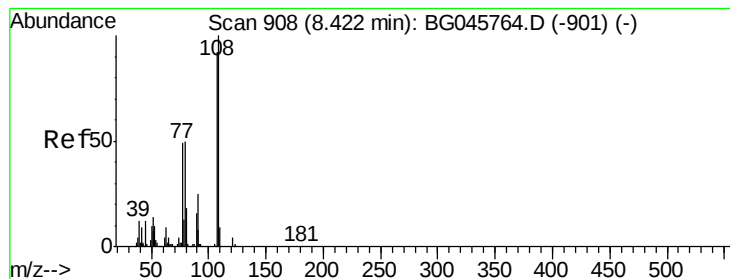
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

8.46

Time-->





#17

2-Methylphenol

Concen: 33.781 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:107 Resp: 153433

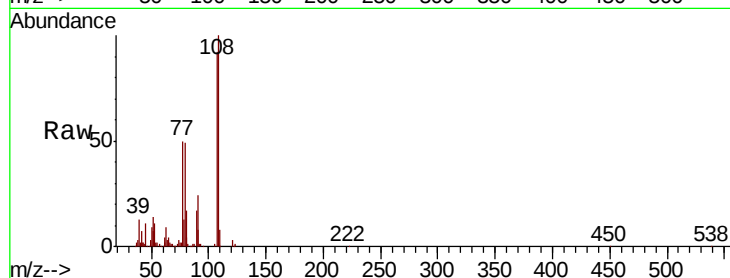
Ion Ratio Lower Upper

107 100

108 108.6 87.4 131.0

77 53.8 42.5 63.7

79 53.4 44.0 66.0

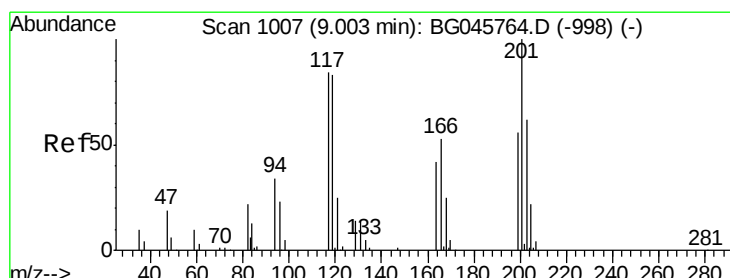
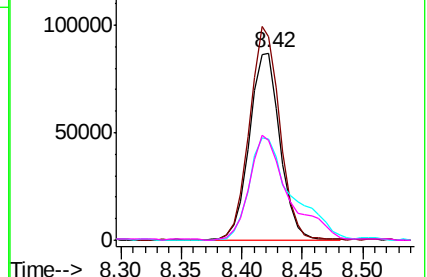
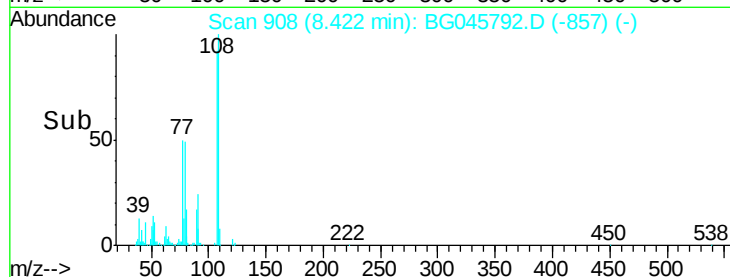


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 36.461 ng

RT: 9.00 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

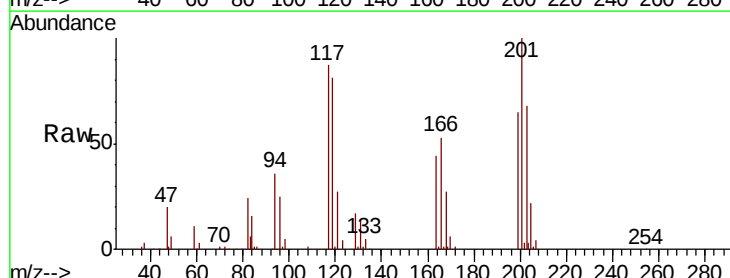
Tgt Ion:117 Resp: 73064

Ion Ratio Lower Upper

117 100

119 93.7 78.9 118.3

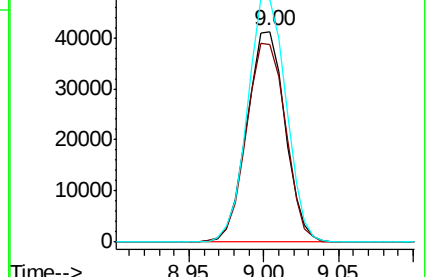
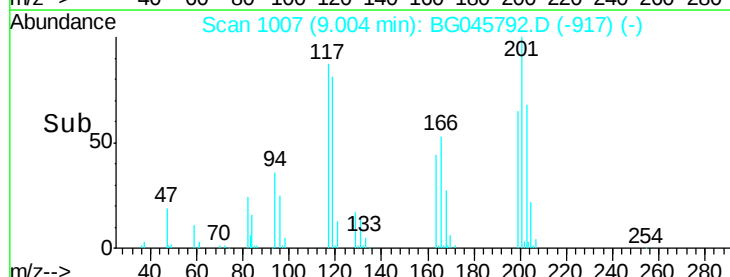
201 115.1 95.5 143.3

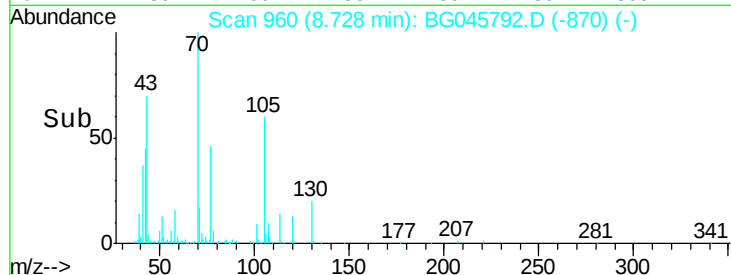
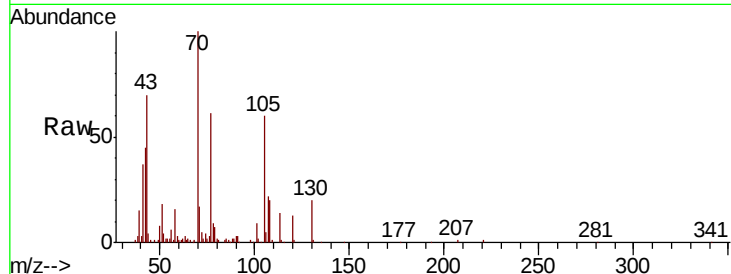
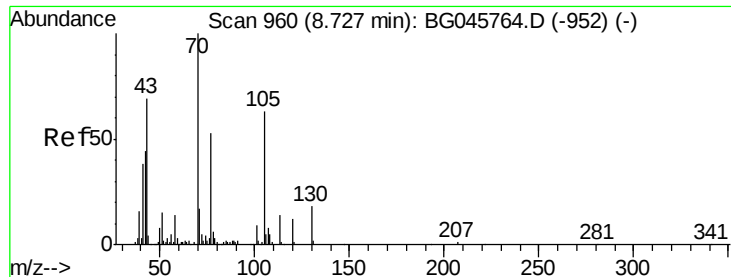


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

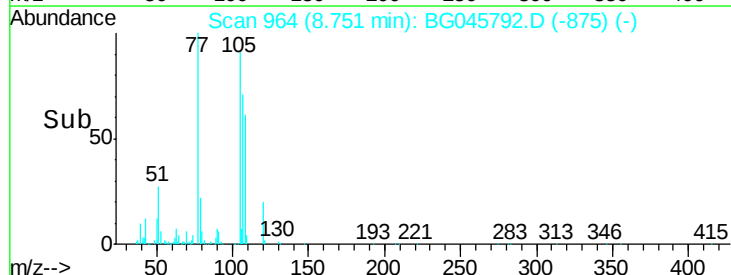
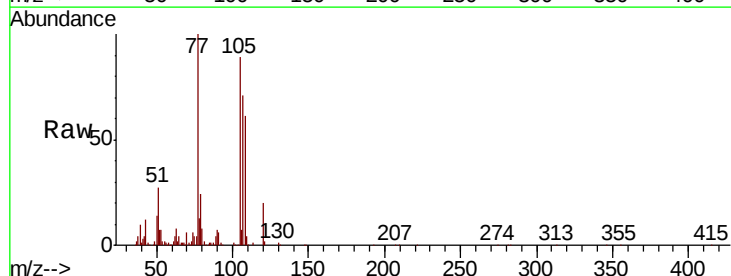
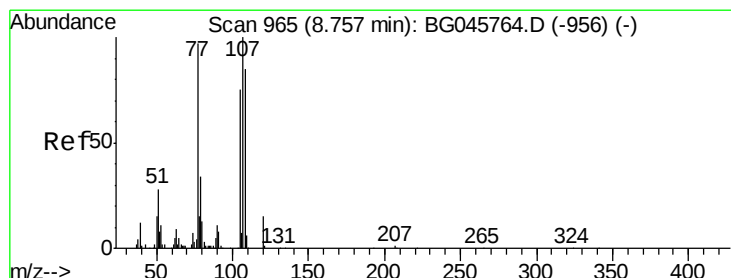
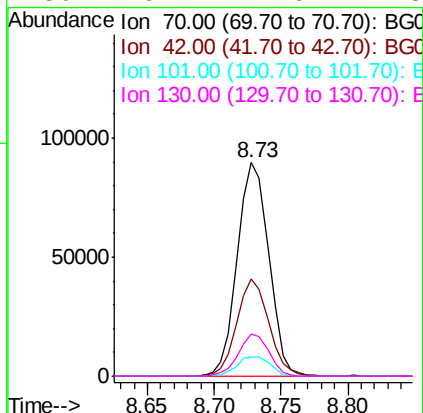




#19
n-Nitroso-di-n-propylamine
Concen: 35.441 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

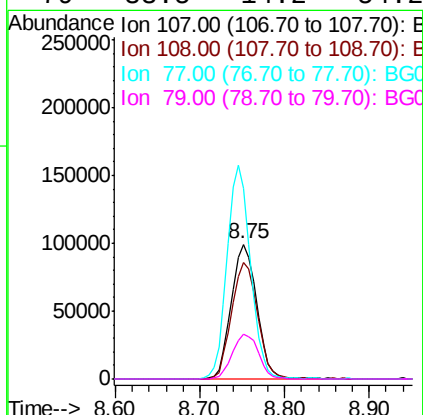
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

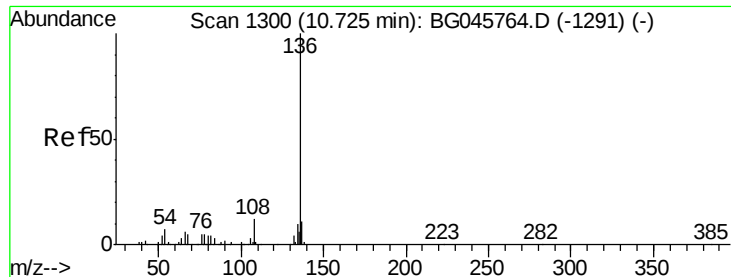
Tot Ion: 70 Resp: 146764
Ion Ratio Lower Upper
70 100
42 45.4 35.1 52.7
101 9.2 7.4 11.0
130 20.1 14.6 21.8



#20
3+4-Methylphenols
Concen: 34.570 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion:107 Resp: 206504
Ion Ratio Lower Upper
107 100
108 86.5 65.4 105.4
77 141.7 77.2 117.2#
79 33.5 14.2 54.2

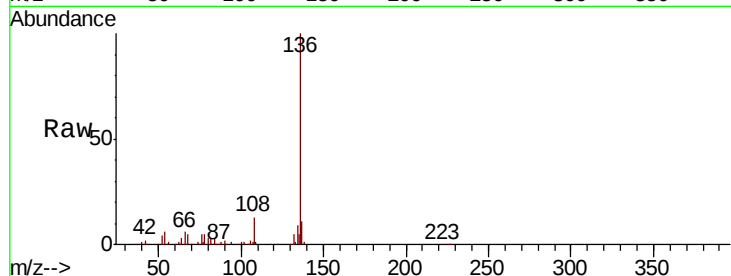




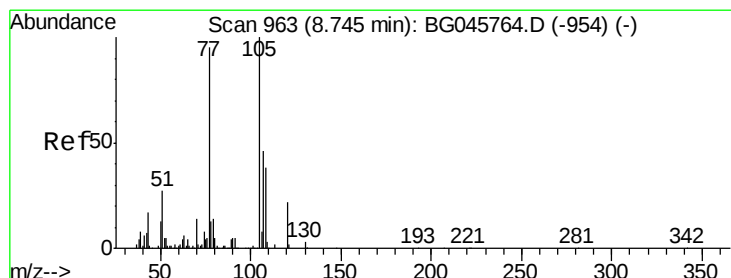
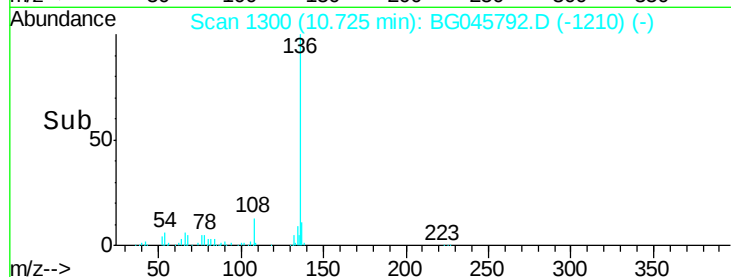
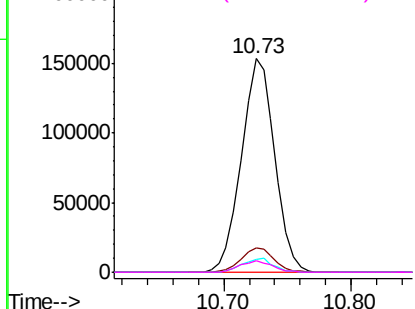
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion:136	Resp:	278833	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.7	13.1	
54 5.9	5.8	8.6	
68 5.2	4.0	6.0	

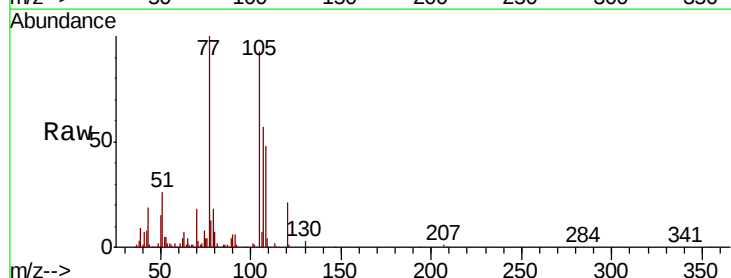


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

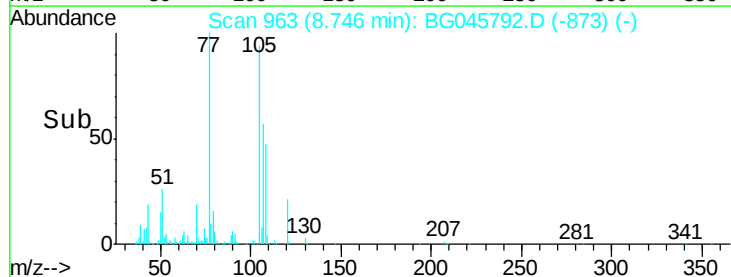
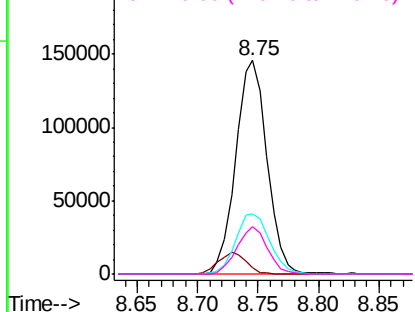


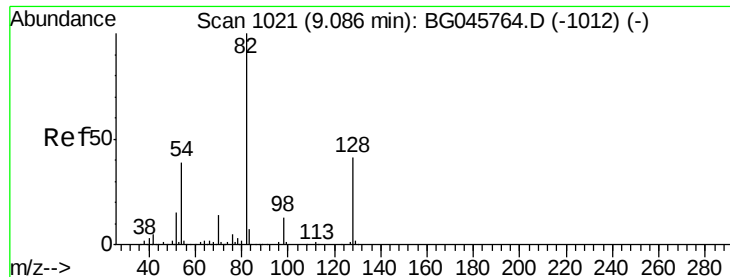
#22
Acetophenone
Concen: 34.378 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt	Ion:105	Resp:	263101
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.8	2.8#
51	28.2	21.9	32.9
120	22.3	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

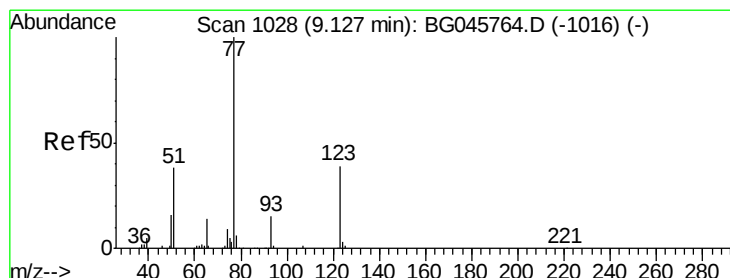
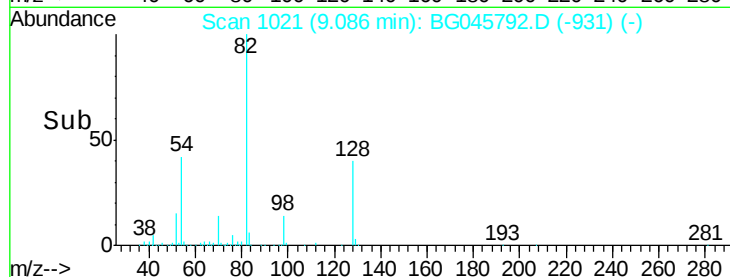
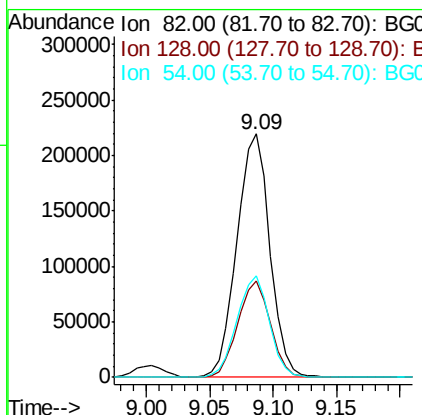
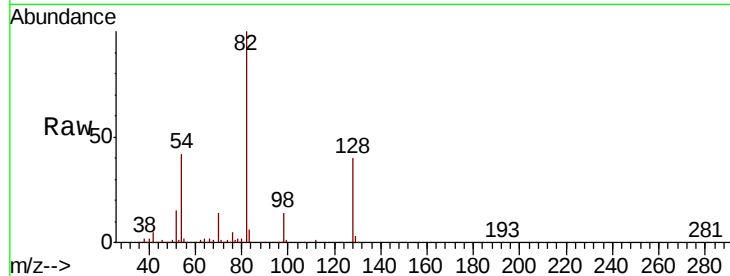




#23
 Nitrobenzene-d5
 Concen: 64.805 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

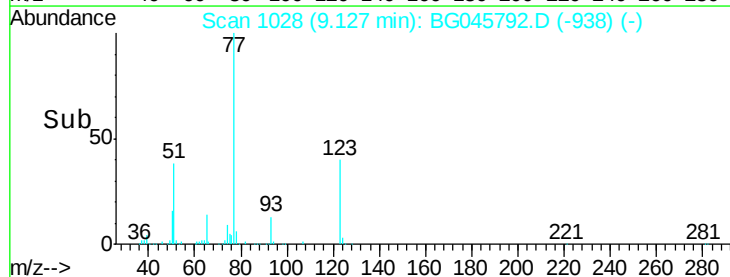
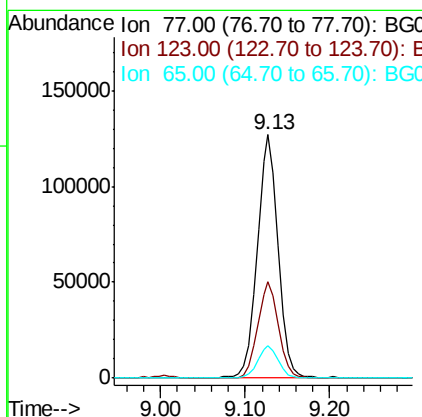
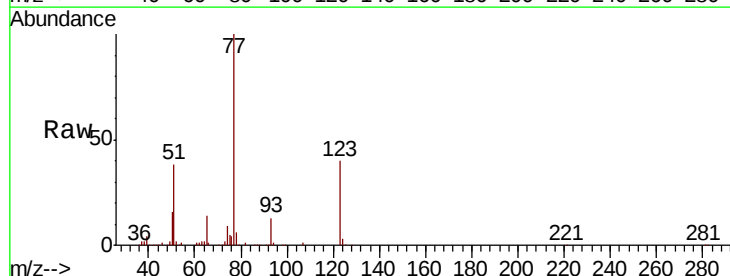
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

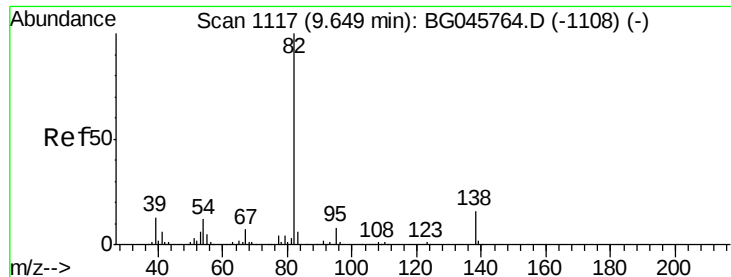
Tot Ion	82	Resp	395541
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.5	48.7
54	41.8	31.2	46.8



#24
 Nitrobenzene
 Concen: 33.921 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion	77	Resp	220754
Ion Ratio	Lower	Upper	
77	100		
123	39.5	31.2	46.8
65	13.5	11.4	17.2





#25

Isophorone

Concen: 32.970 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

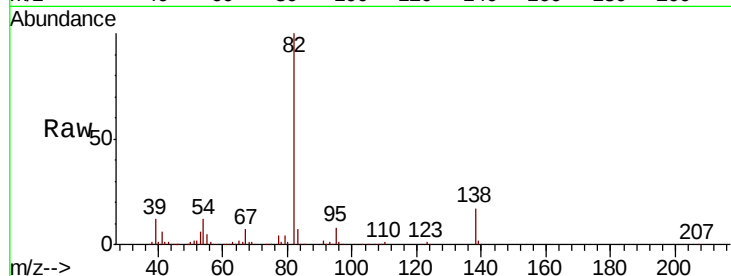
Tot Ion: 82 Resp: 389574

Ion Ratio Lower Upper

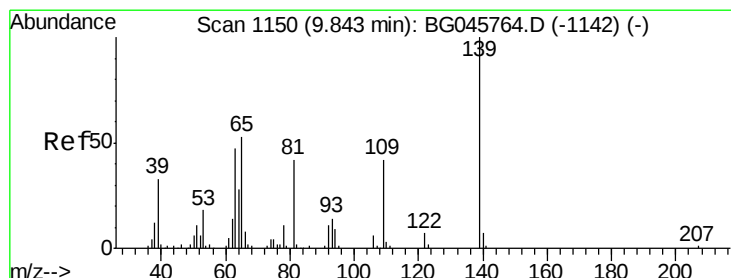
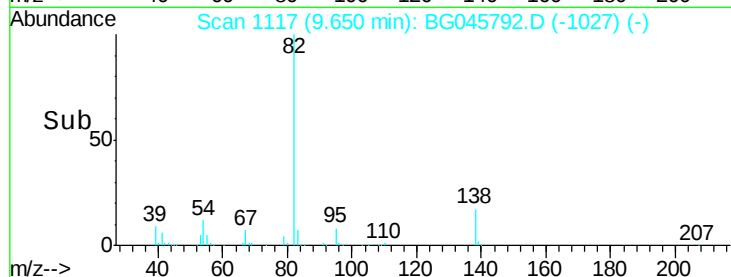
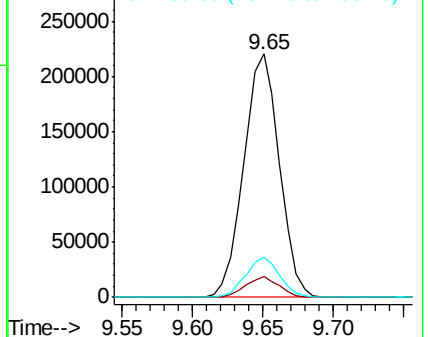
82 100

95 8.3 6.2 9.4

138 16.7 12.6 18.8



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



#26

2-Nitrophenol

Concen: 36.077 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

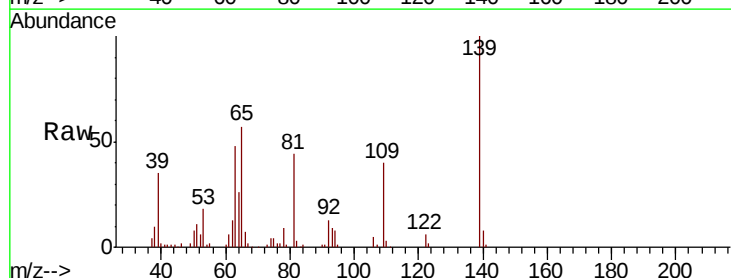
Tgt Ion: 139 Resp: 97816

Ion Ratio Lower Upper

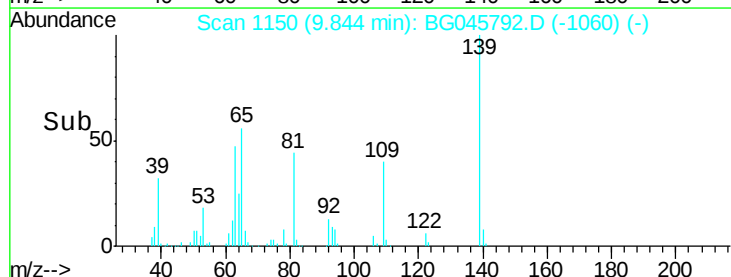
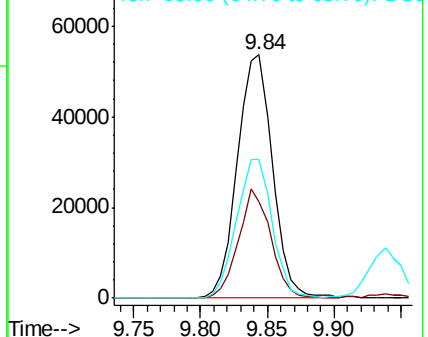
139 100

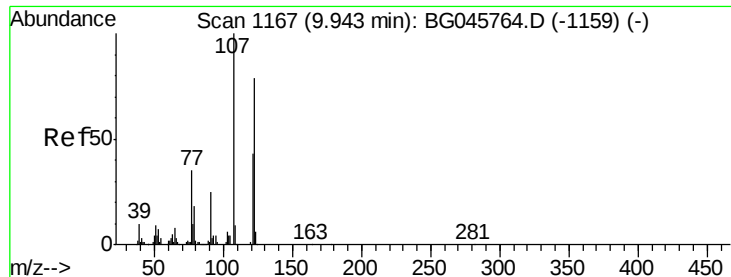
109 39.6 33.5 50.3

65 56.7 42.2 63.4



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





#27

2,4-Dimethylphenol

Concen: 37.353 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

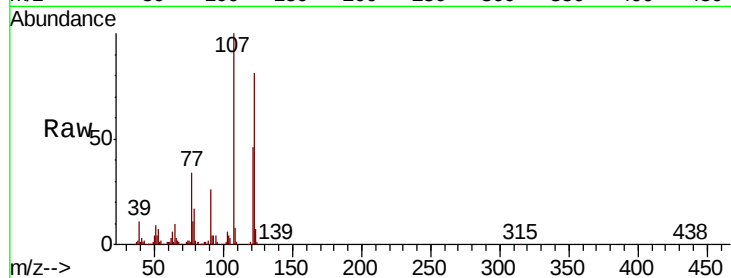
Tot Ion:122 Resp: 154620

Ion Ratio Lower Upper

122 100

107 124.1 101.3 151.9

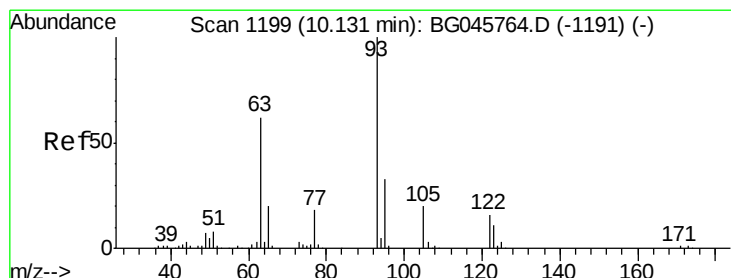
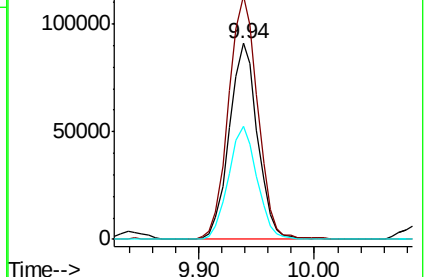
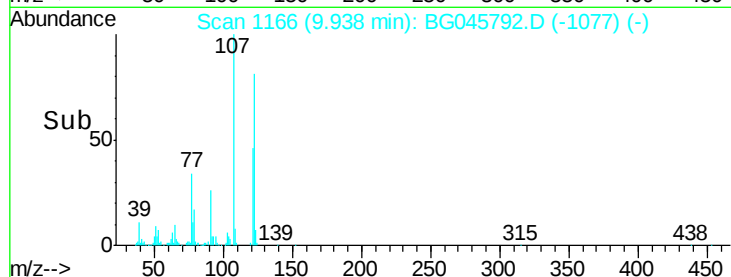
121 57.4 43.9 65.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.294 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

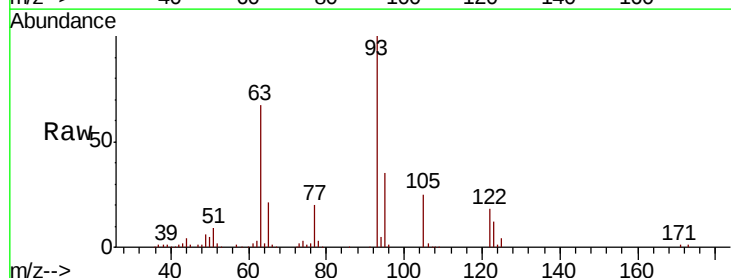
Tgt Ion: 93 Resp: 217836

Ion Ratio Lower Upper

93 100

95 34.6 26.3 39.5

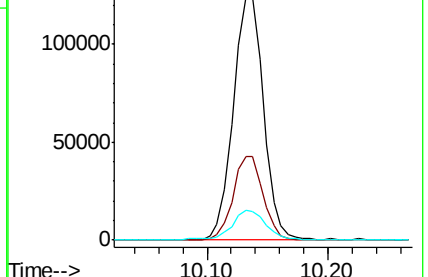
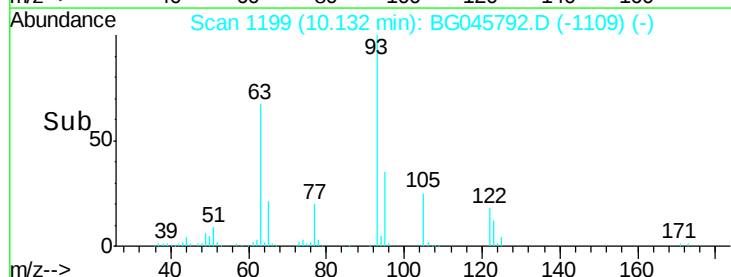
123 12.1 9.3 13.9

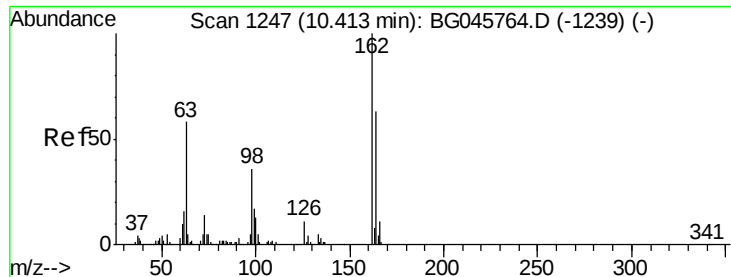


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

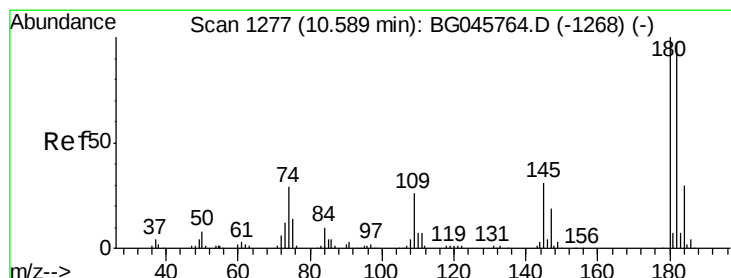
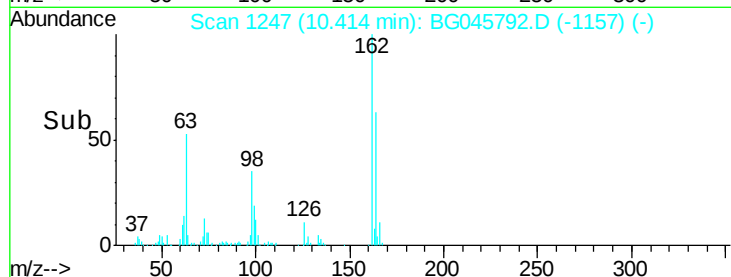
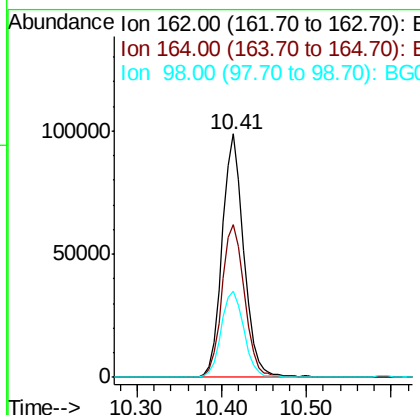
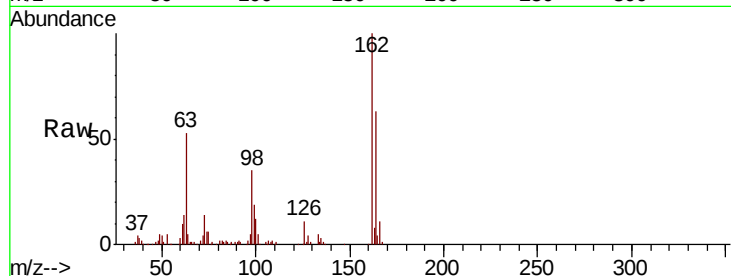




#29
2,4-Dichlorophenol
Concen: 36.456 ng
RT: 10.41 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

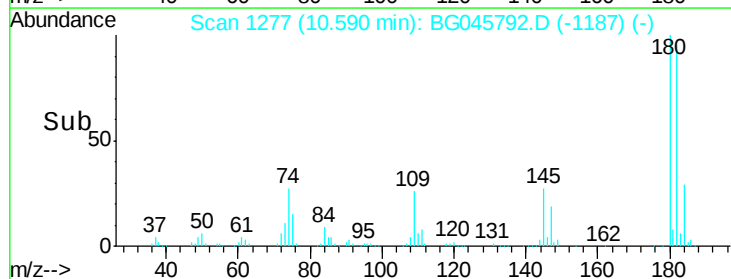
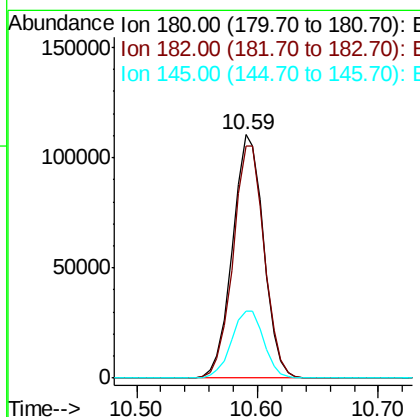
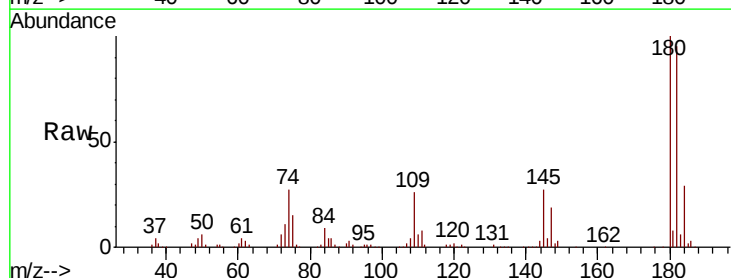
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

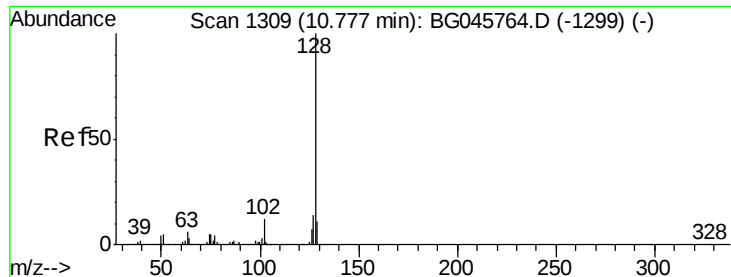
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.3	83.3
98	35.3	15.5	55.5



#30
1,2,4-Trichlorobenzene
Concen: 34.603 ng
RT: 10.59 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.8	116.6
145	27.5	24.5	36.7





#31

Naphthalene

Concen: 34.839 ng

RT: 10.78 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

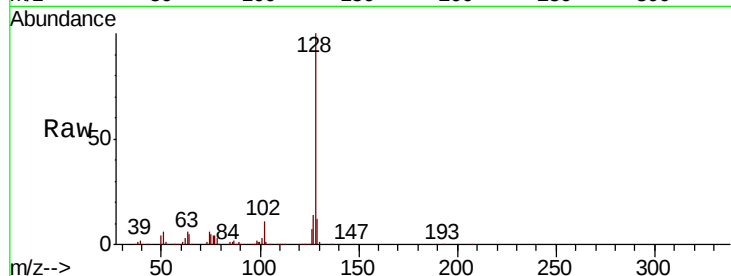
Tot Ion:128 Resp: 531087

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

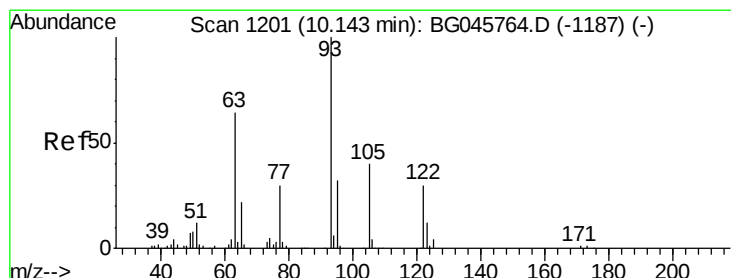
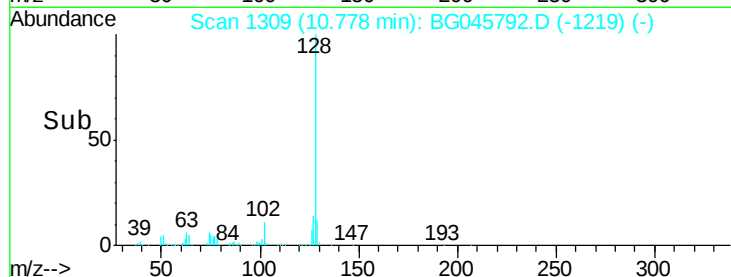
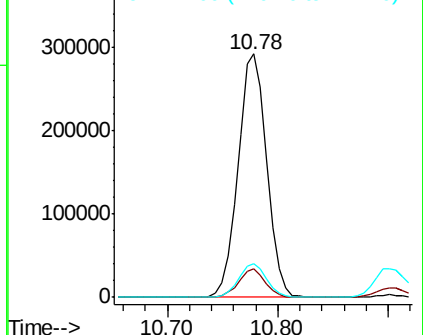
127 14.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.709 ng

RT: 10.15 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

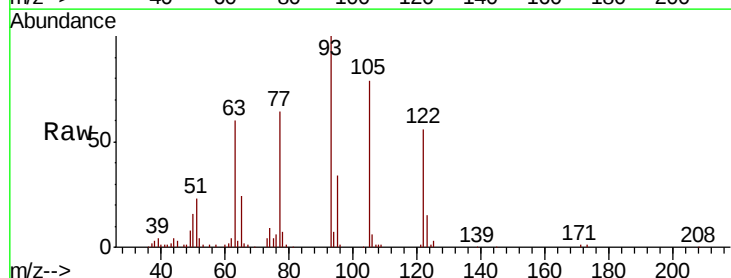
Tgt Ion:122 Resp: 101483

Ion Ratio Lower Upper

122 100

105 140.8 112.9 152.9

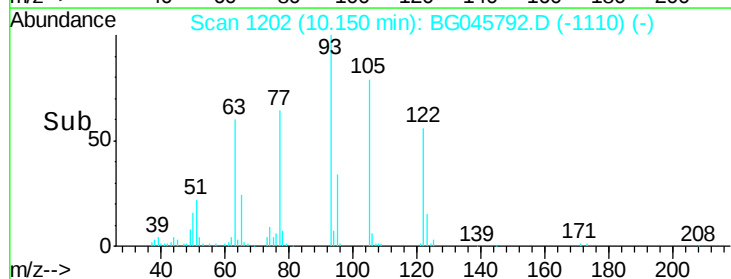
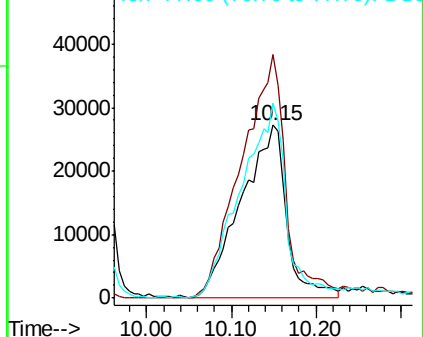
77 112.6 79.2 119.2

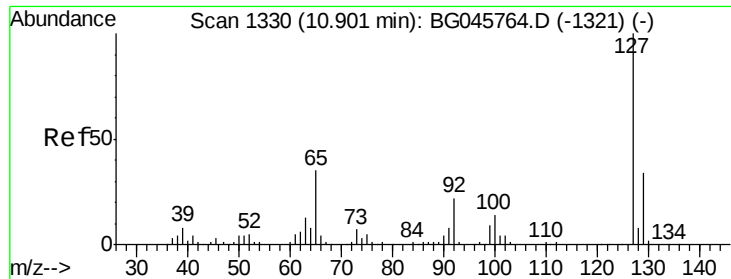


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

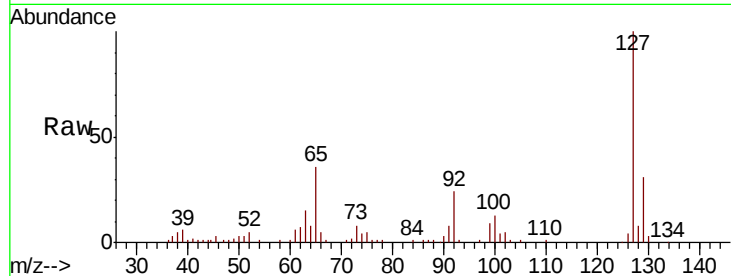




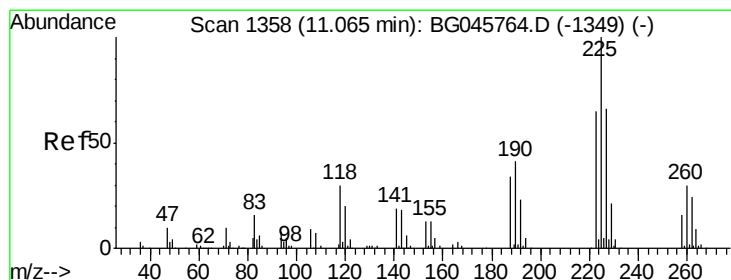
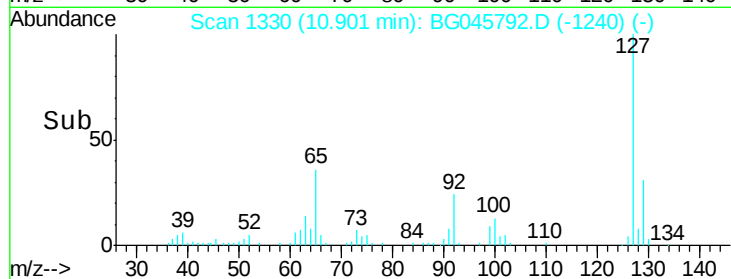
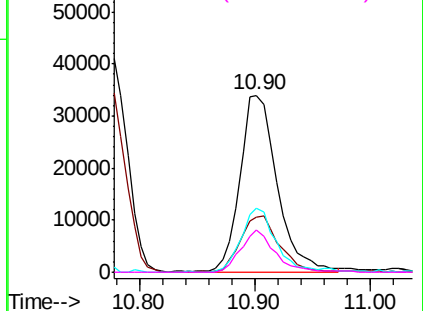
#33
4-Chloroaniline
Concen: 11.942 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion:127 Resp: 76234
Ion Ratio Lower Upper
127 100
129 31.3 26.8 40.2
65 36.5 27.8 41.8
92 24.1 17.3 25.9

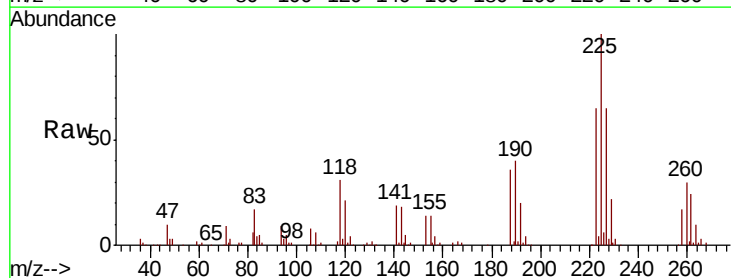


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

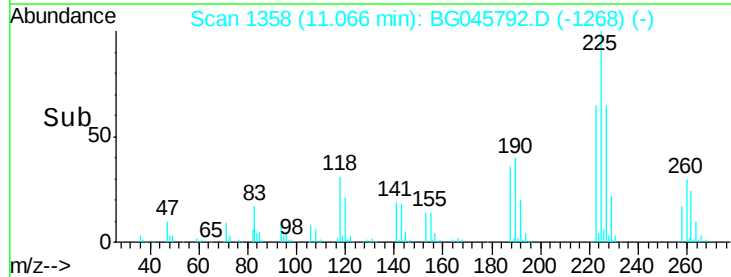
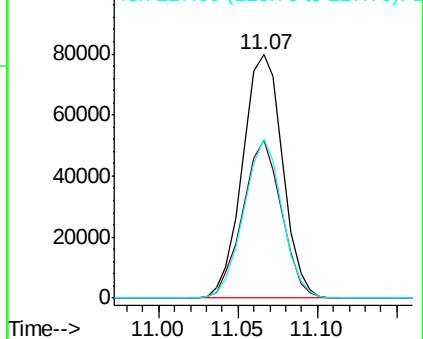


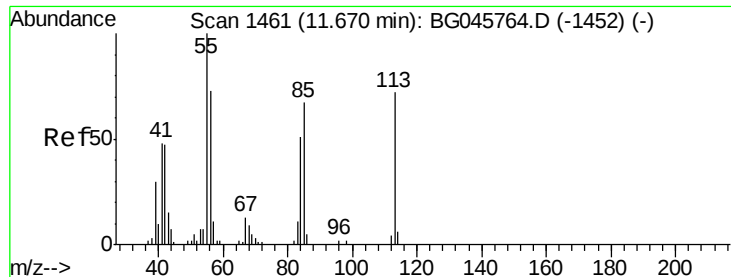
#34
Hexachlorobutadiene
Concen: 34.413 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion:225 Resp: 139928
Ion Ratio Lower Upper
225 100
223 64.8 52.0 78.0
227 65.5 52.5 78.7



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

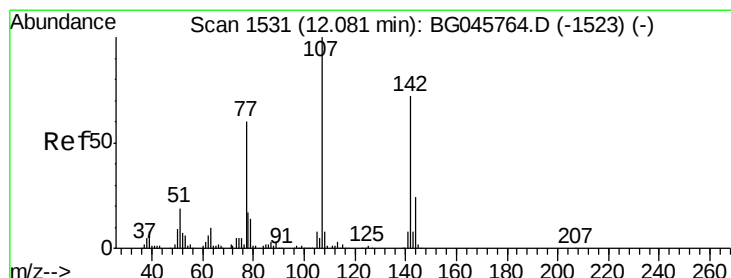
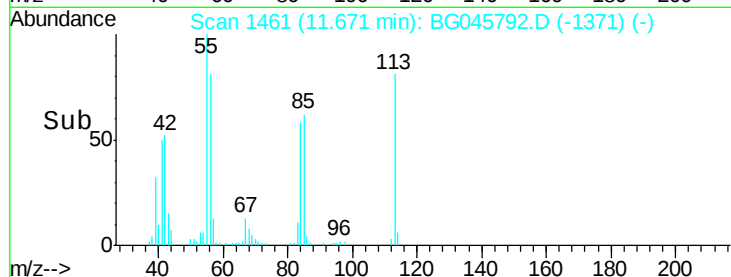
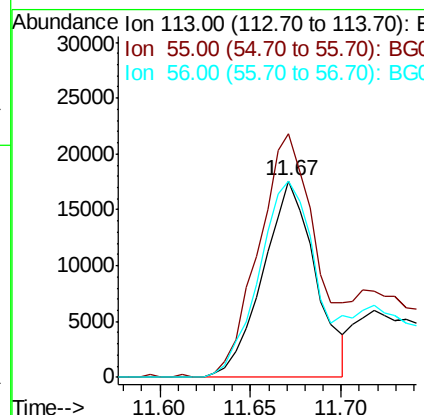
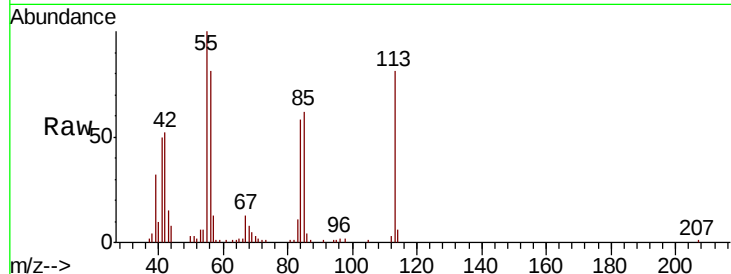




#35
 Caprolactam
 Concen: 22.644 ng
 RT: 11.67 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

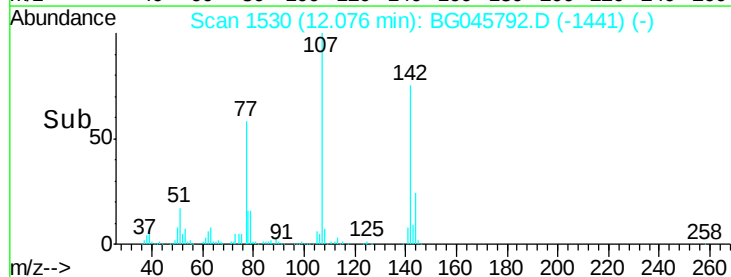
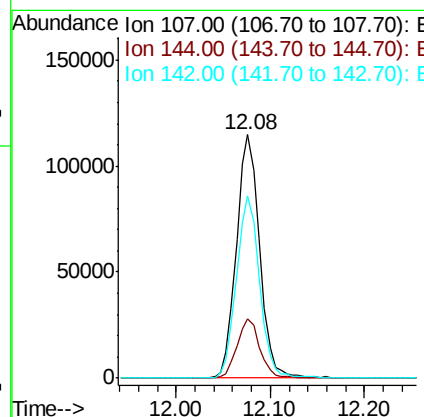
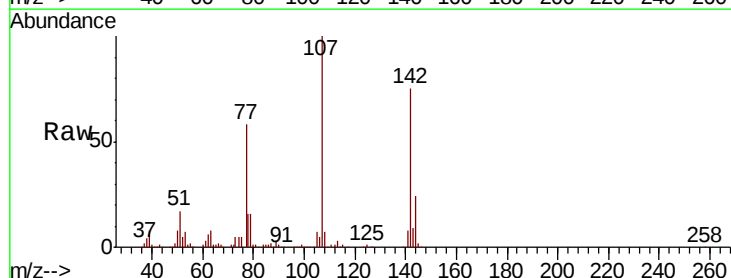
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

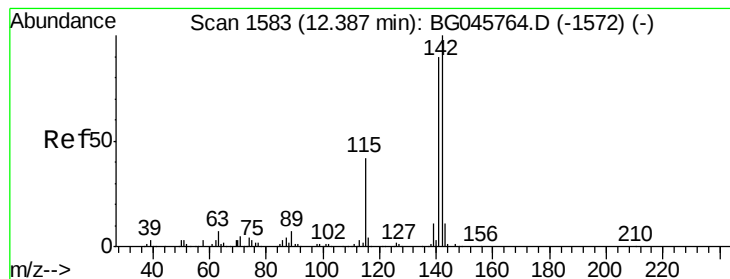
Tot Ion:113 Resp: 35389
 Ion Ratio Lower Upper
 113 100
 55 124.0 119.7 159.7
 56 99.9 82.5 122.5



#36
 4-Chloro-3-methylphenol
 Concen: 35.310 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion:107 Resp: 196895
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.5 29.3
 142 74.6 57.4 86.0





#37

2-Methylnaphthalene

Concen: 34.800 ng

RT: 12.39 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

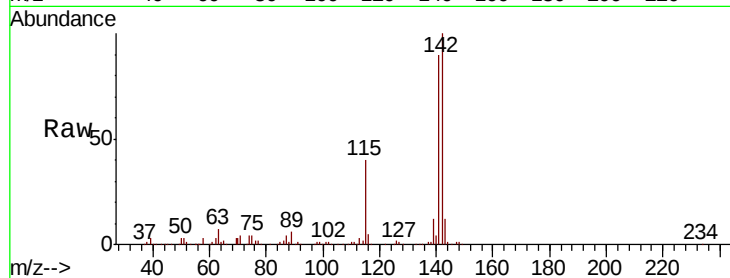
Tot Ion:142 Resp: 395036

Ion Ratio Lower Upper

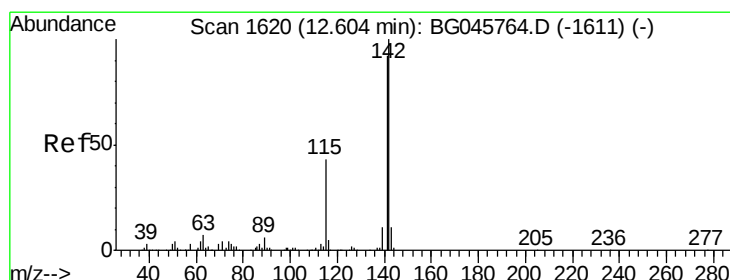
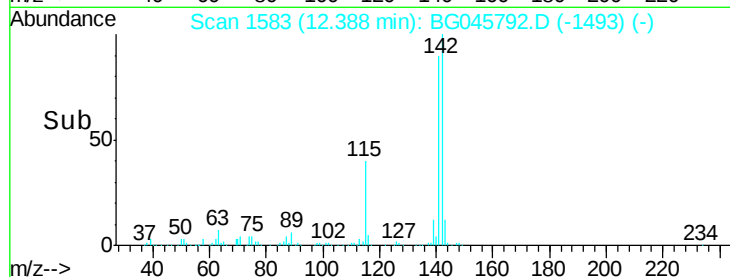
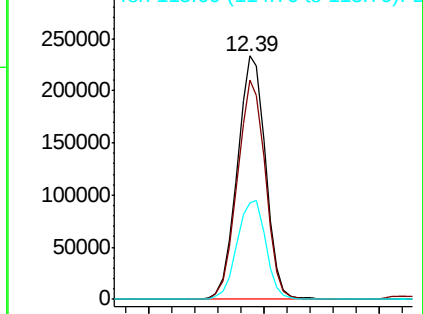
142 100

141 90.2 71.7 107.5

115 39.7 33.8 50.6



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



#38

1-Methylnaphthalene

Concen: 35.023 ng

RT: 12.61 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

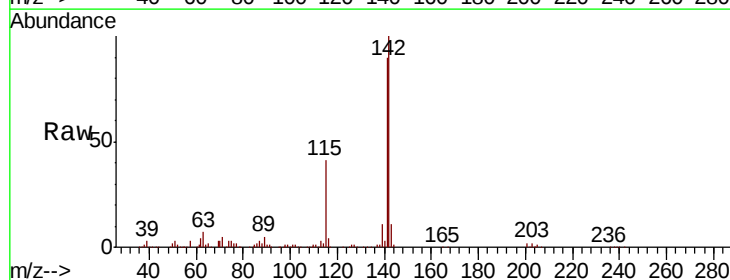
Tgt Ion:142 Resp: 376221

Ion Ratio Lower Upper

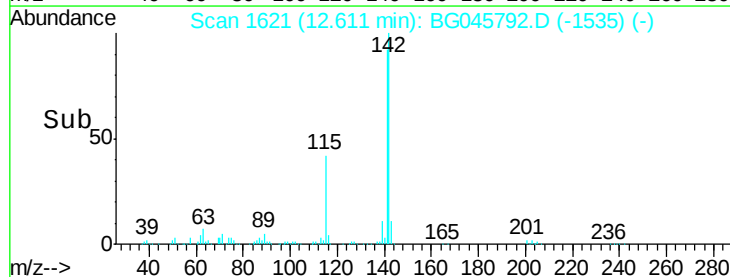
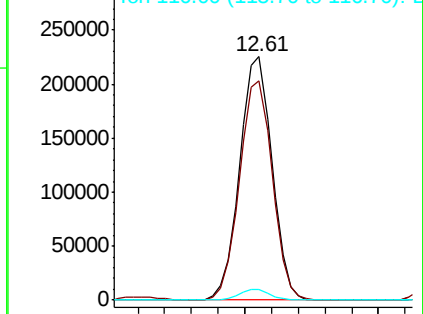
142 100

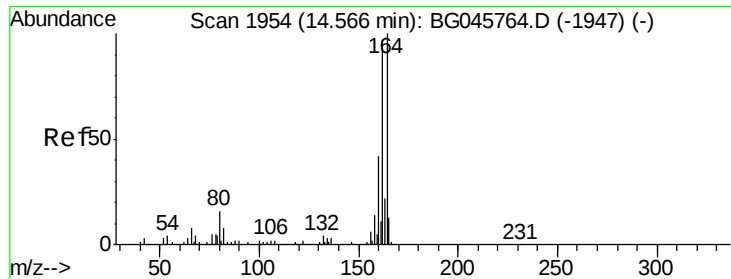
141 90.2 73.8 110.8

116 4.3 3.8 5.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

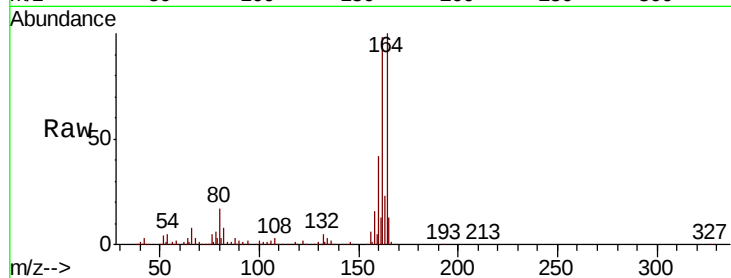
Tot Ion:164 Resp: 188914

Ion Ratio Lower Upper

164 100

162 98.0 77.4 116.0

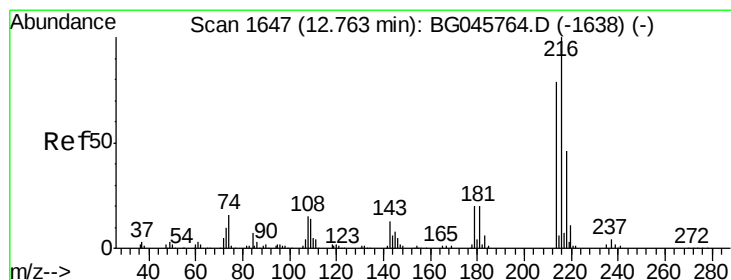
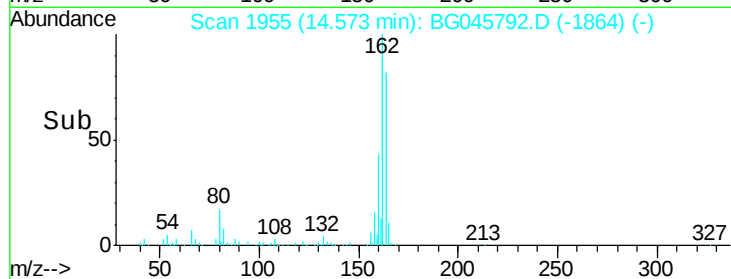
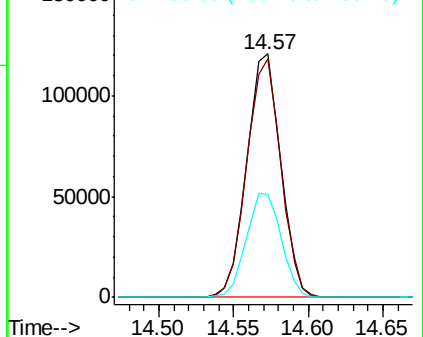
160 42.1 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.953 ng

RT: 12.76 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:216 Resp: 229868

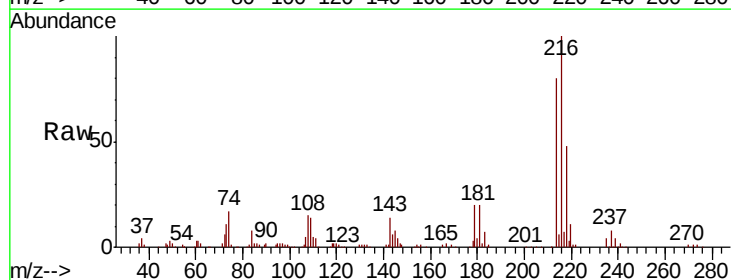
Ion Ratio Lower Upper

216 100

214 77.0 62.8 94.2

179 19.4 16.2 24.4

108 17.3 13.4 20.2

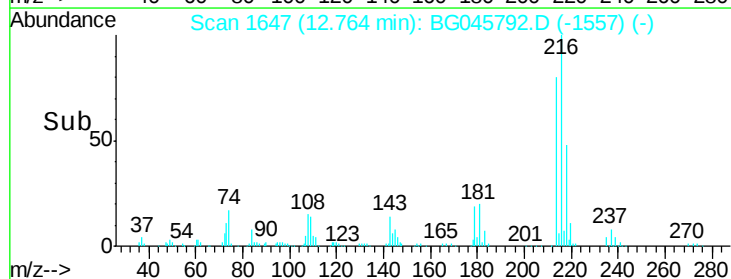
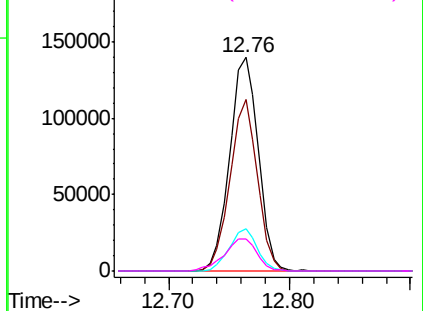


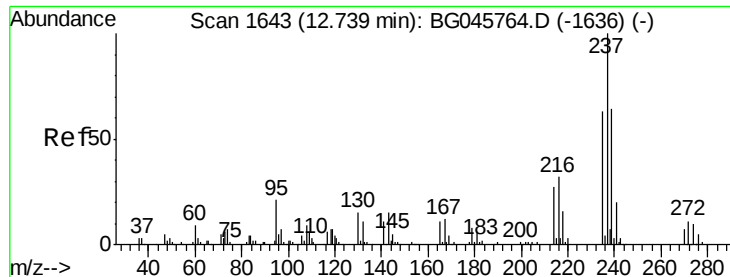
Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.581 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

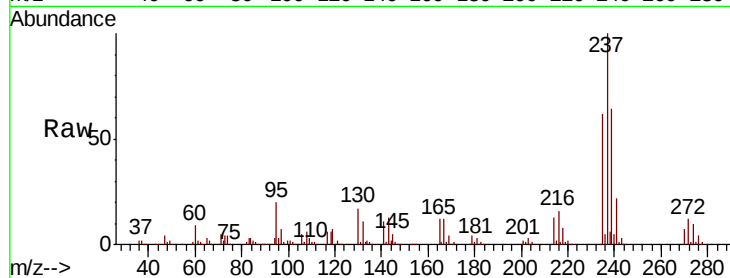
BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:237 Resp: 169588

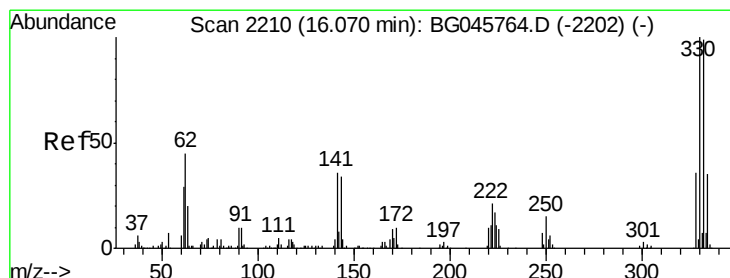
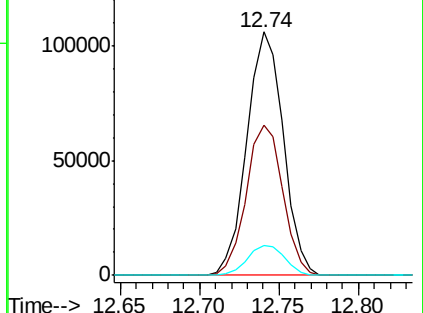
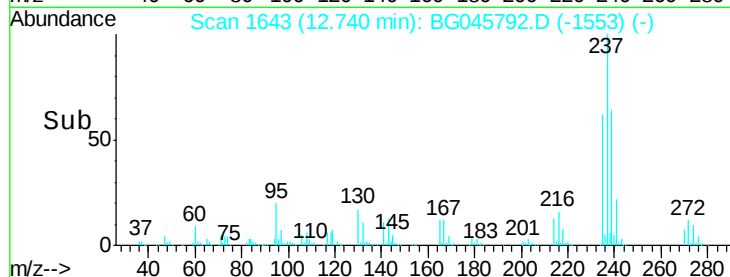
Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.9	82.9
272	12.5	0.0	30.9



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: 94.518 ng

RT: 16.07 min Scan# 2210

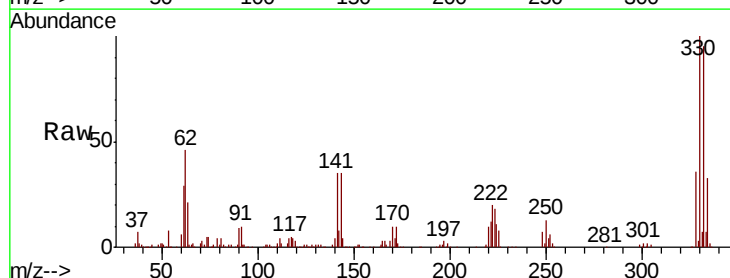
Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:330 Resp: 269575

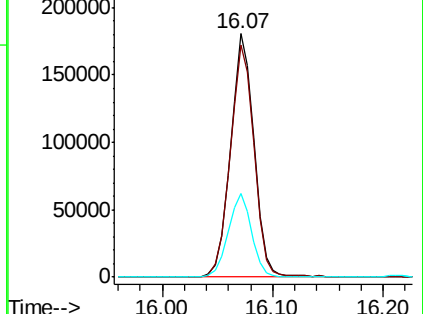
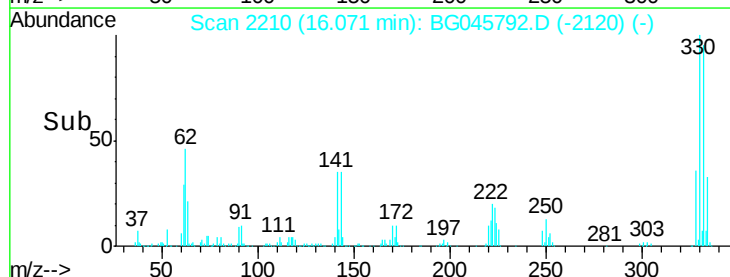
Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	34.3	28.2	42.4

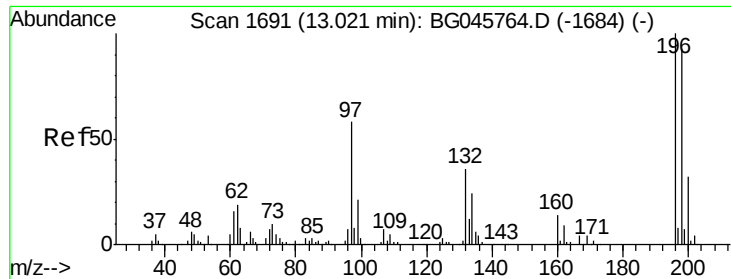


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

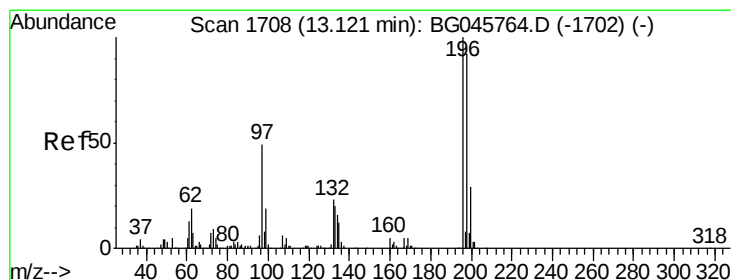
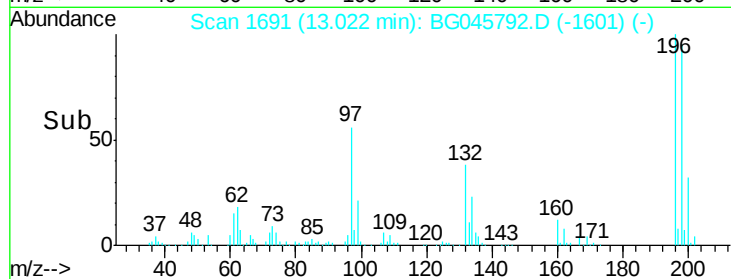
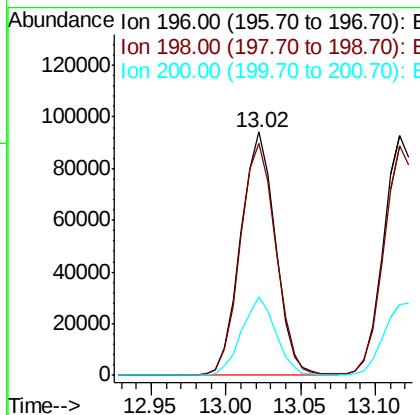
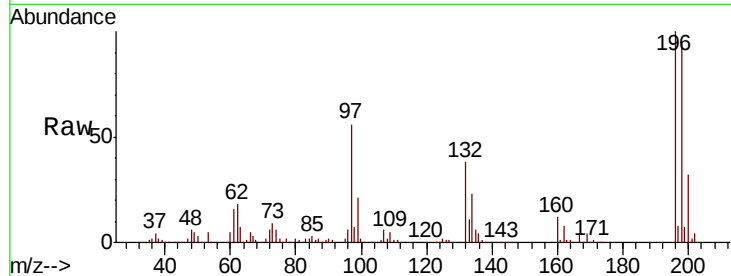




#43
 2,4,6-Trichlorophenol
 Concen: 36.116 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

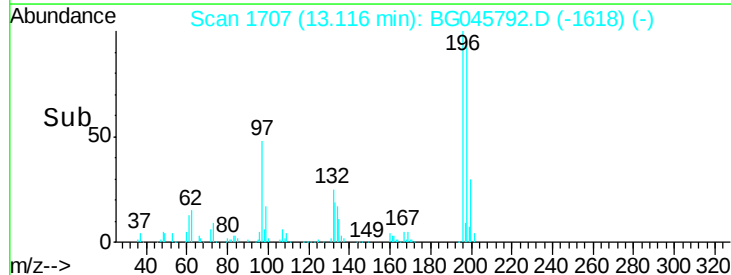
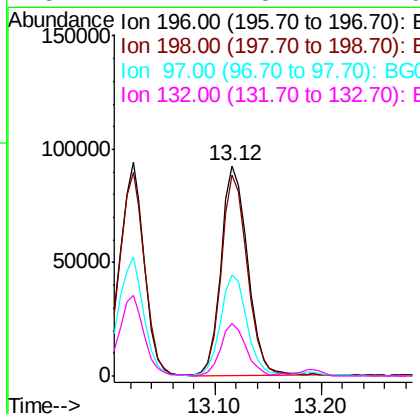
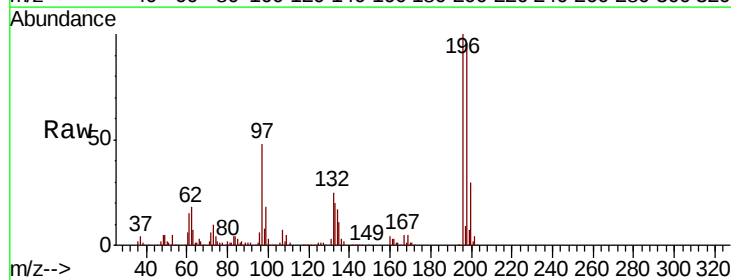
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

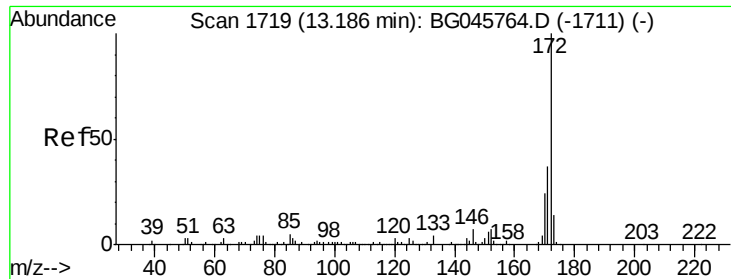
Tot Ion:196 Resp: 152321
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.4 111.6
 200 32.2 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 33.741 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion:196 Resp: 162183
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.0 111.0
 97 48.4 39.0 58.6
 132 24.7 18.4 27.6

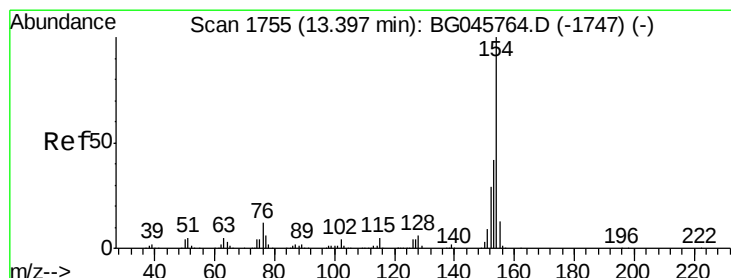
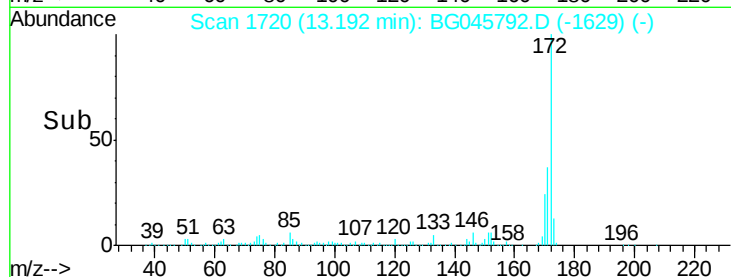
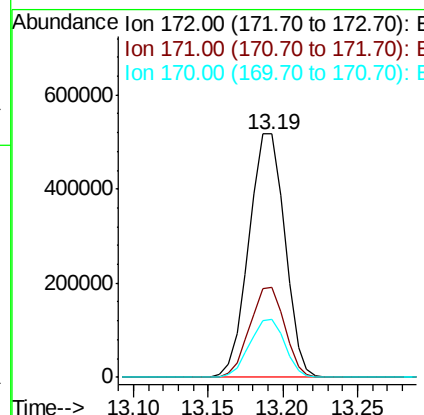
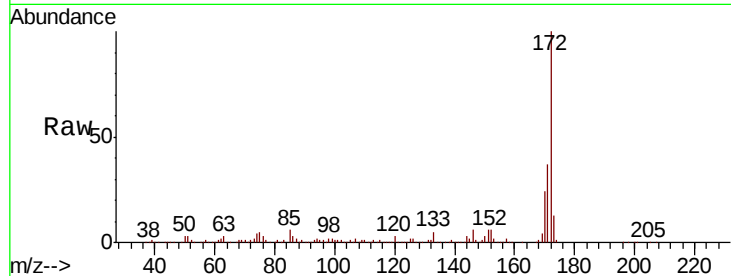




#45
2-Fluorobiphenyl
Concen: 67.021 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

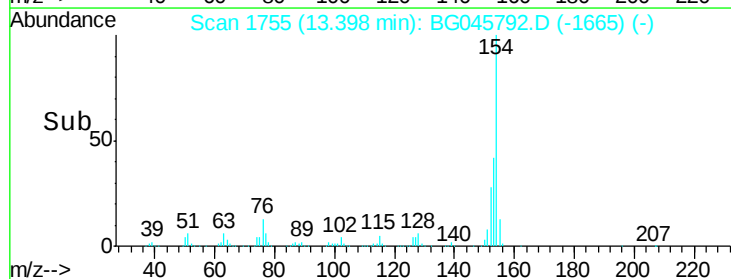
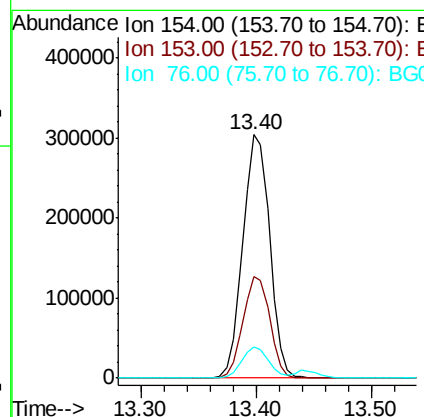
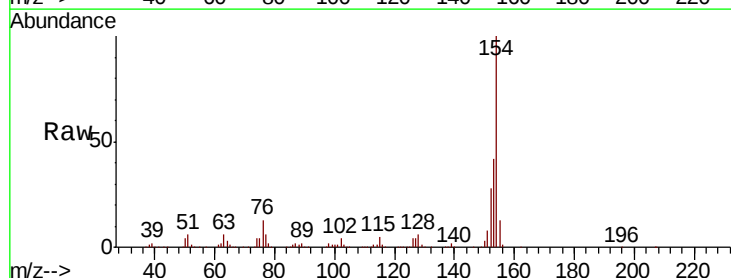
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

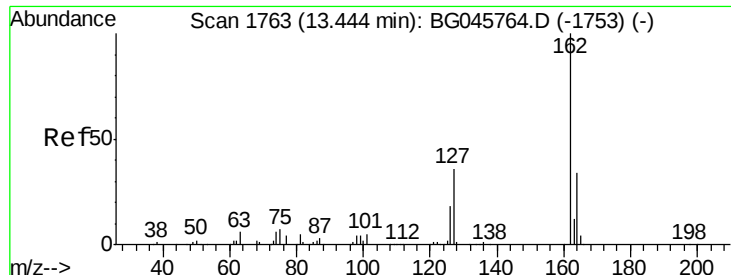
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	23.9	19.3	28.9



#46
1,1'-Biphenyl
Concen: 36.230 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.7	61.7
76	12.7	0.0	32.0

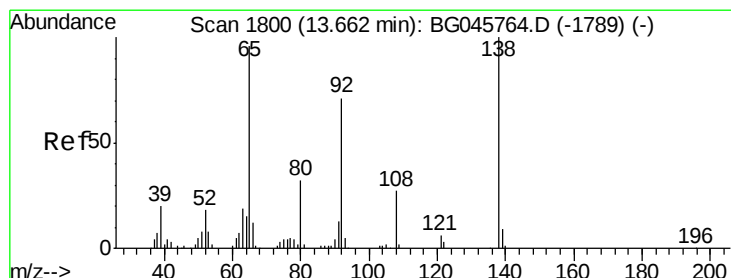
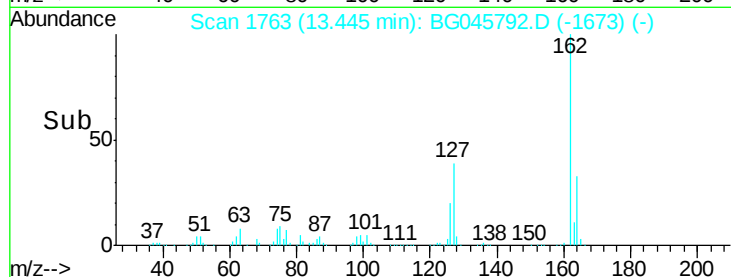
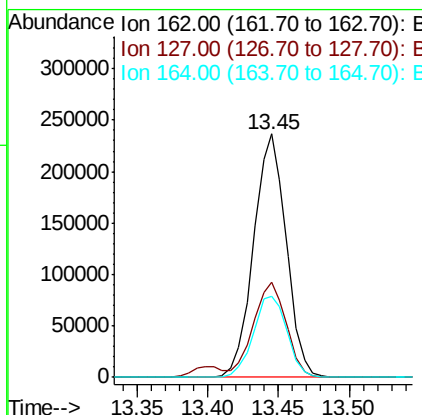
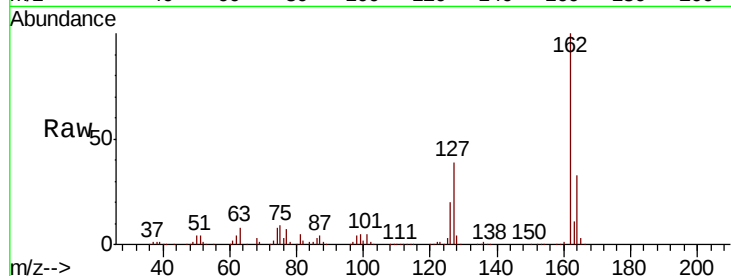




#47
 2-Chloronaphthalene
 Concen: 35.116 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

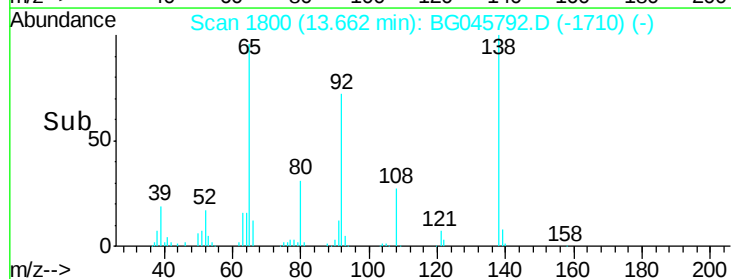
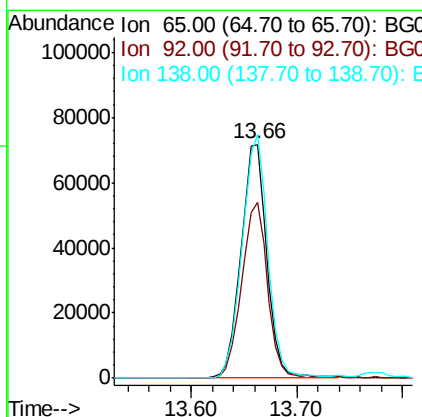
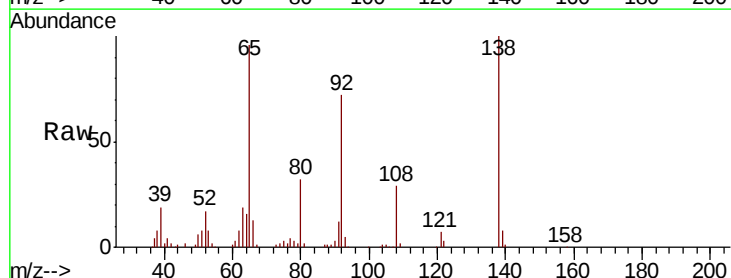
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

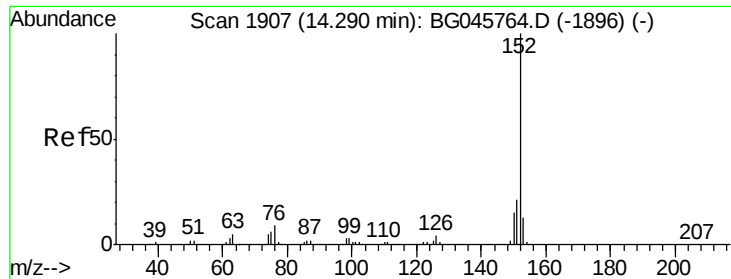
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.5	45.7
164	33.2	27.2	40.8



#48
 2-Nitroaniline
 Concen: 33.474 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	59.0	88.6
138	104.1	83.6	125.4





#49

Acenaphthylene

Concen: 34.810 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

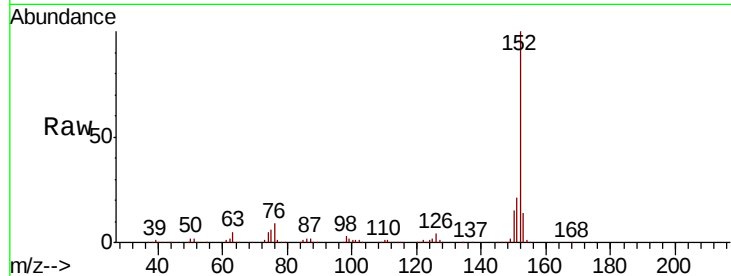
Tot Ion:152 Resp: 609173

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

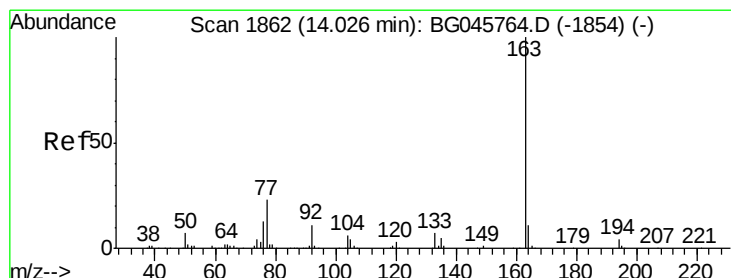
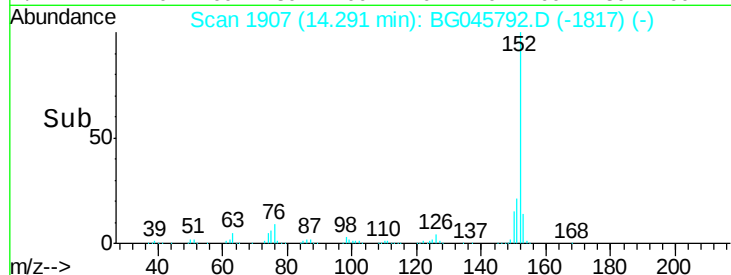
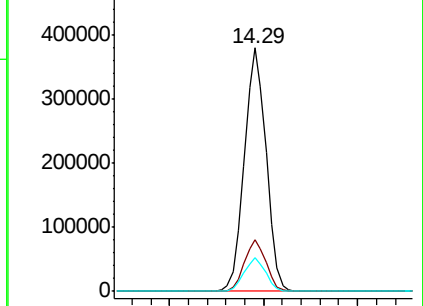
153 14.1 10.6 15.8



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: 41.208 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

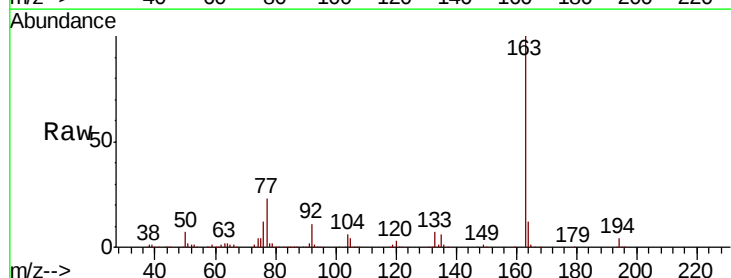
Tgt Ion:163 Resp: 609857

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

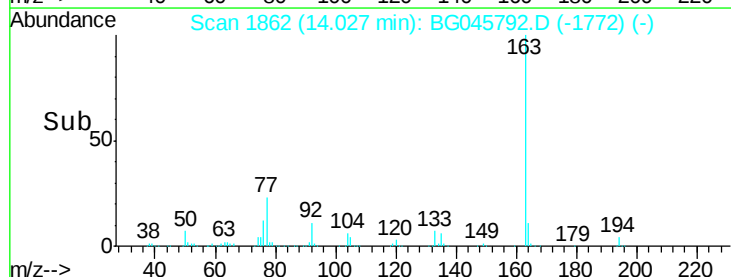
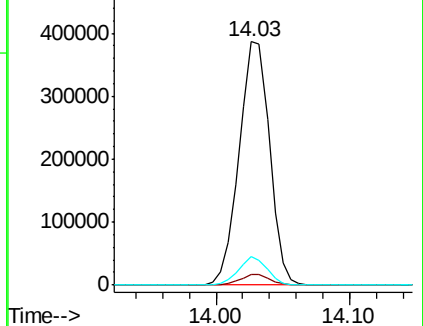
164 11.5 8.9 13.3

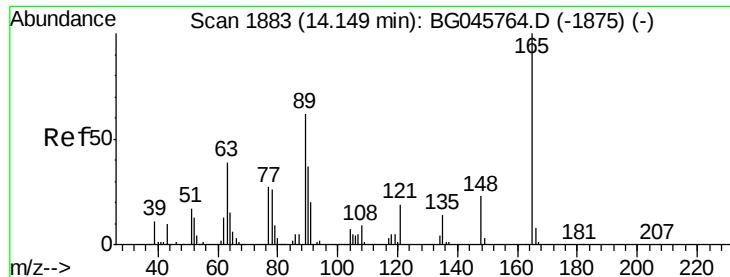


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

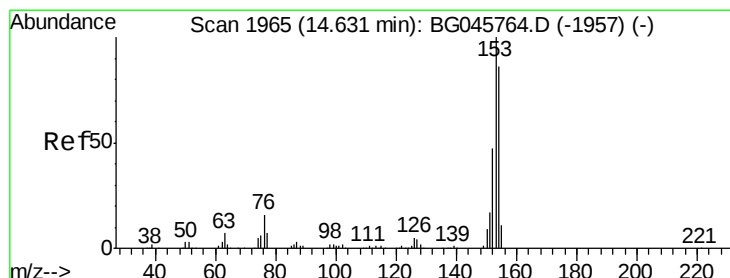
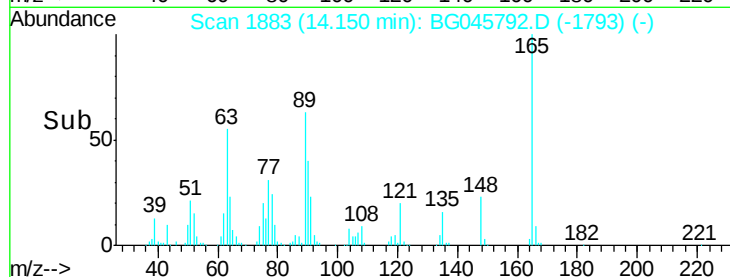
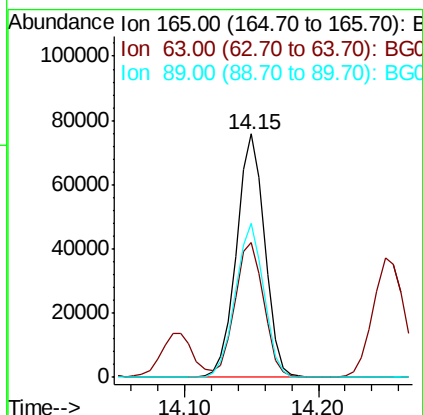
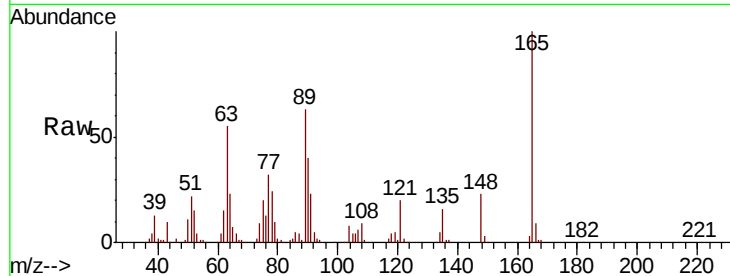




#51
 2,6-Dinitrotoluene
 Concen: 33.382 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

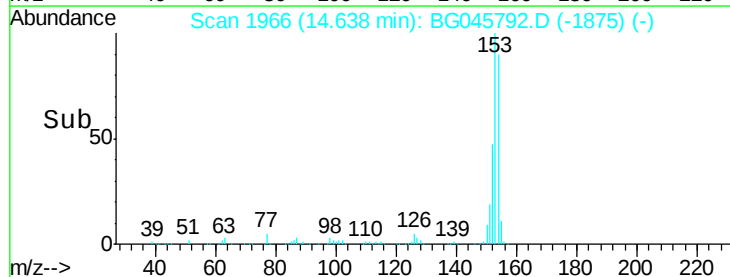
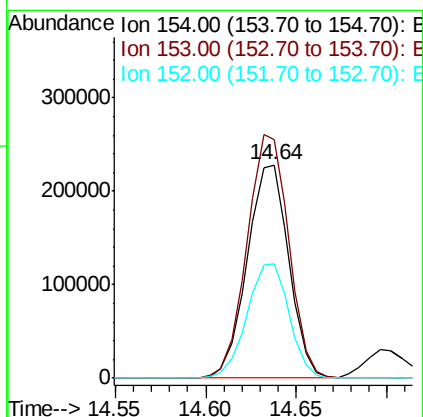
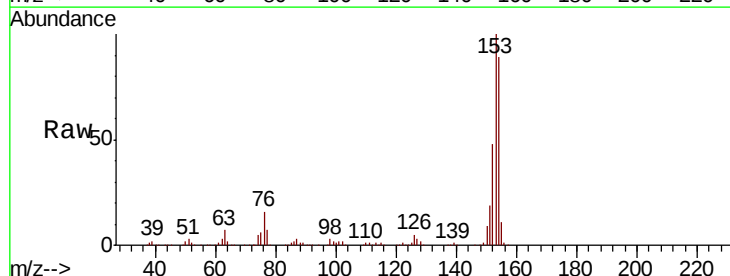
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

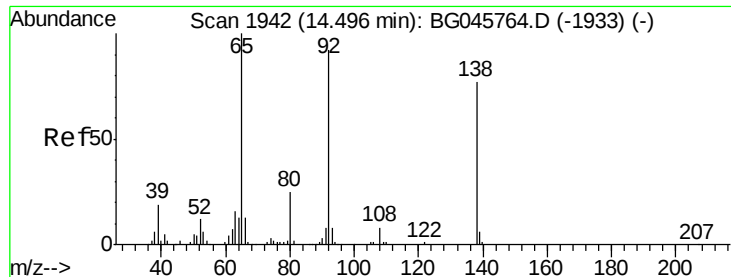
Tot Ion:165 Resp: 110961
 Ion Ratio Lower Upper
 165 100
 63 55.4 41.2 61.8
 89 63.1 49.7 74.5



#52
 Acenaphthene
 Concen: 34.519 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion:154 Resp: 366163
 Ion Ratio Lower Upper
 154 100
 153 111.8 93.0 139.4
 152 53.7 43.7 65.5

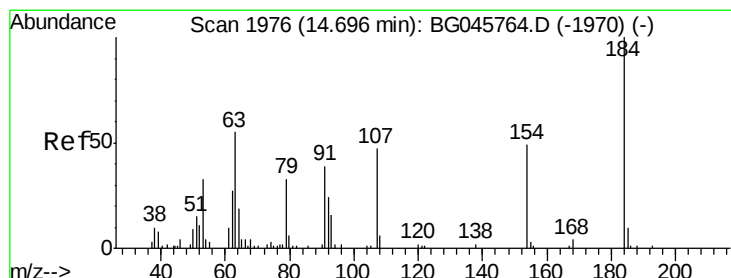
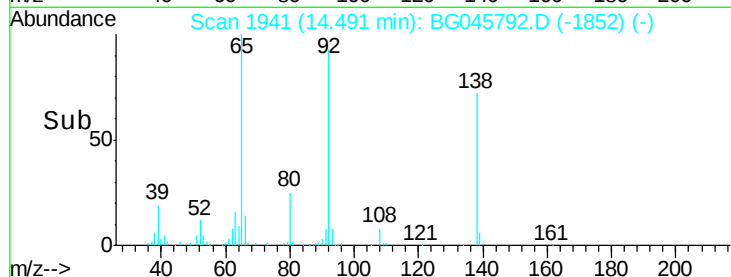
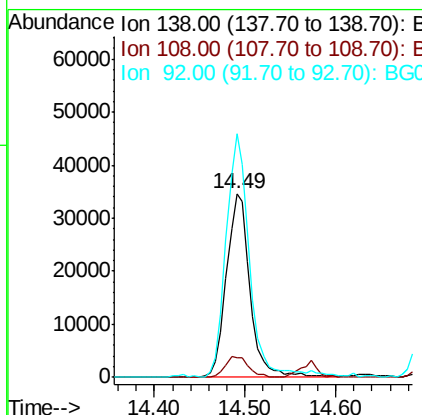
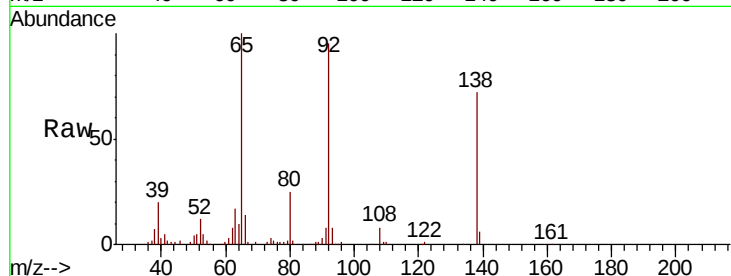




#53
3-Nitroaniline
Concen: 18.901 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

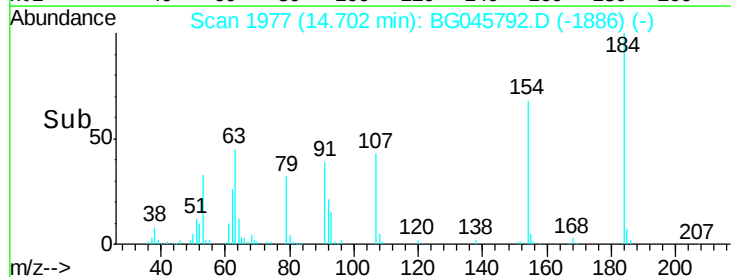
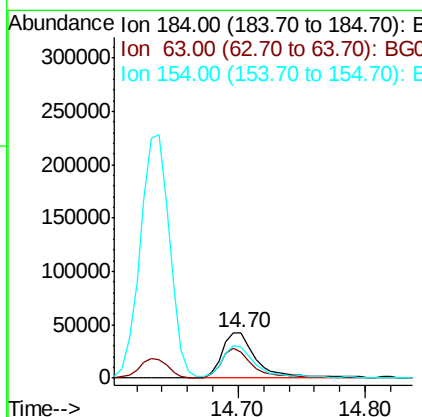
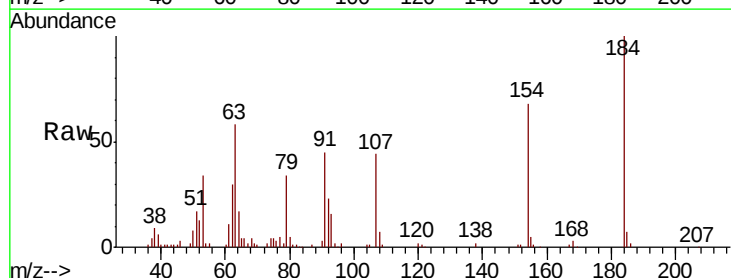
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

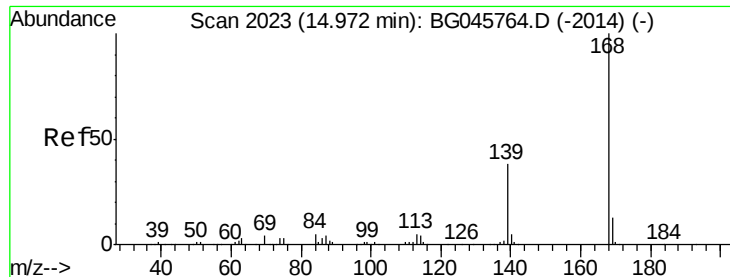
Tot Ion:138 Resp: 62753
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 132.4 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 47.580 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion:184 Resp: 79575
Ion Ratio Lower Upper
184 100
63 58.0 46.6 70.0
154 67.8 58.6 87.8

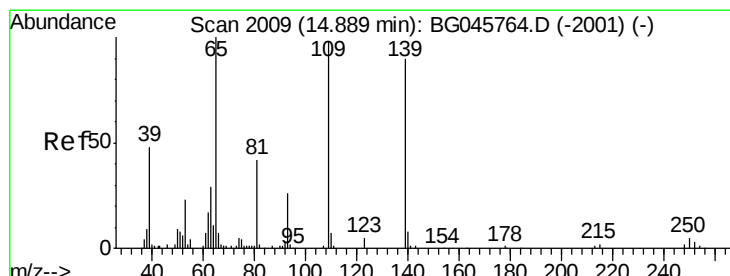
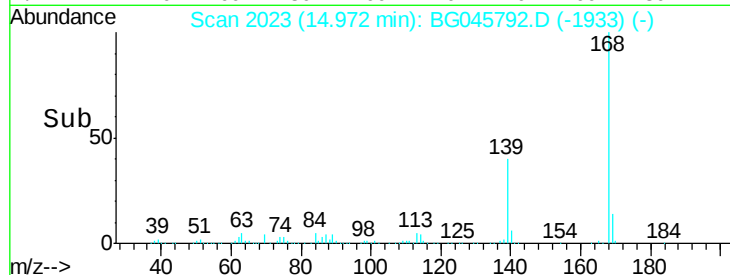
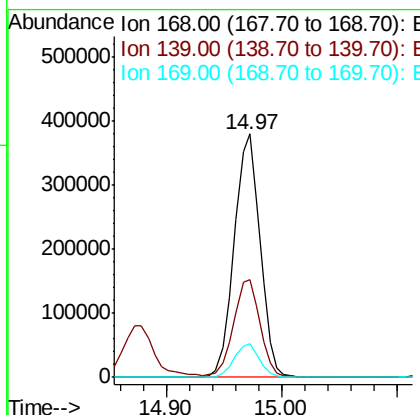
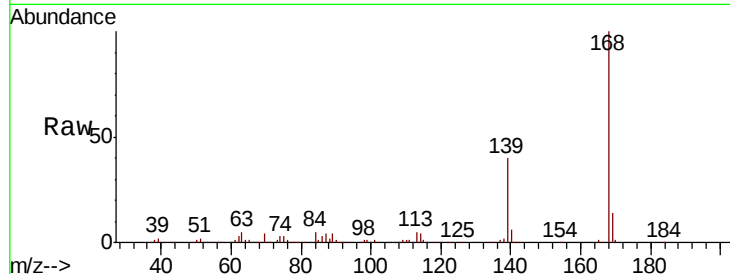




#55
Dibenzenofuran
Concen: 34.119 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

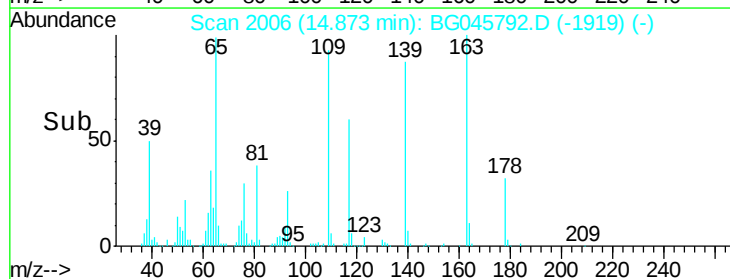
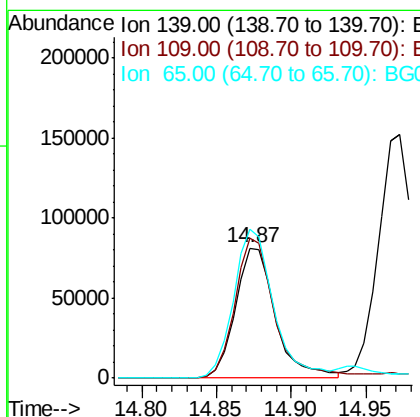
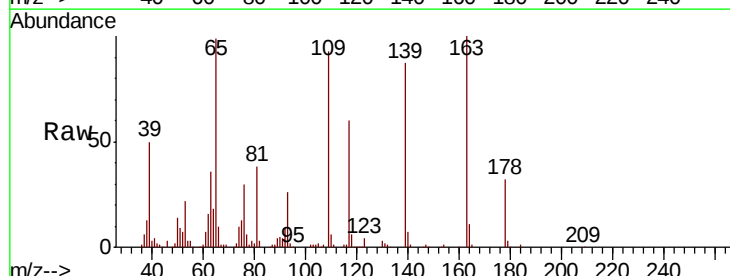
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

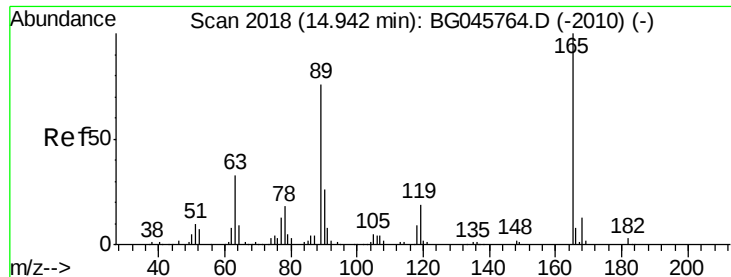
Tot Ion:168 Resp: 587928
Ion Ratio Lower Upper
168 100
139 40.1 31.8 47.6
169 13.9 10.4 15.6



#56
4-Nitrophenol
Concen: 64.604 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion:139 Resp: 151764
Ion Ratio Lower Upper
139 100
109 107.6 88.9 128.9
65 114.3 92.3 132.3





#57

2,4-Dinitrotoluene

Concen: 33.297 ng

RT: 14.94 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:165 Resp: 158580

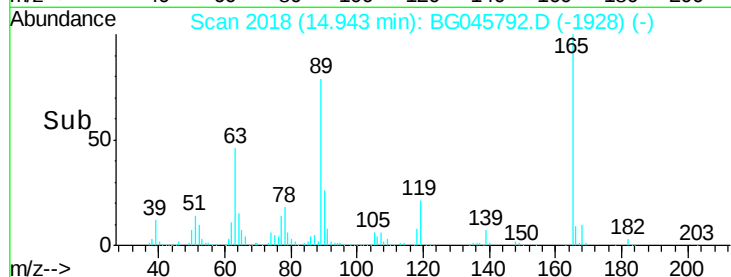
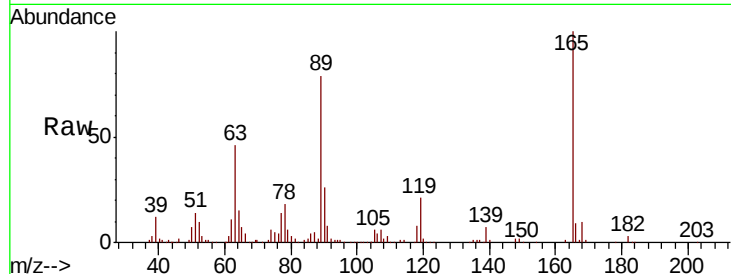
Ion Ratio Lower Upper

165 100

63 45.7 33.8 50.8

89 78.7 60.4 90.6

182 2.7 2.6 3.8

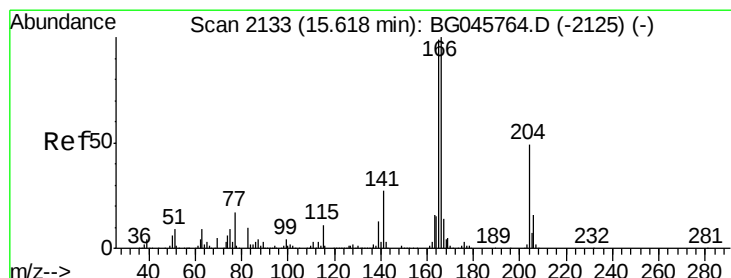
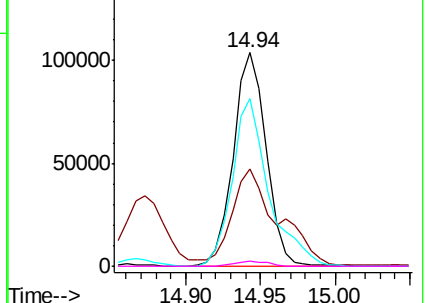


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.374 ng

RT: 15.62 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

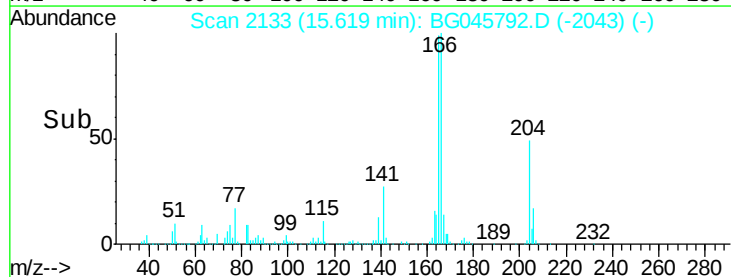
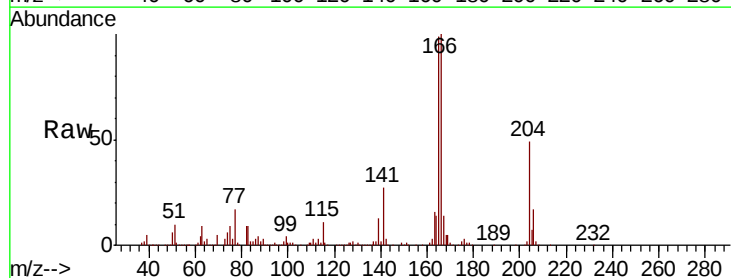
Tgt Ion:166 Resp: 492534

Ion Ratio Lower Upper

166 100

165 99.5 79.1 118.7

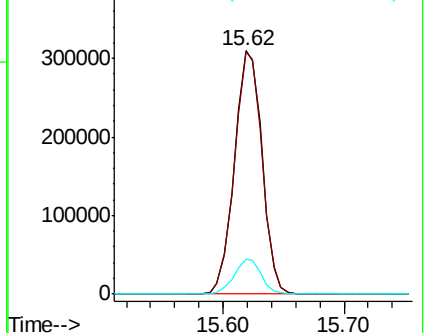
167 14.3 11.5 17.3

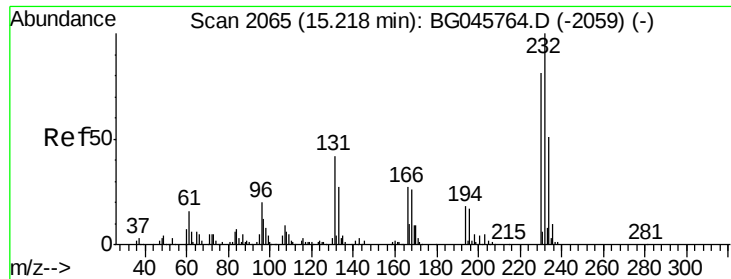


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

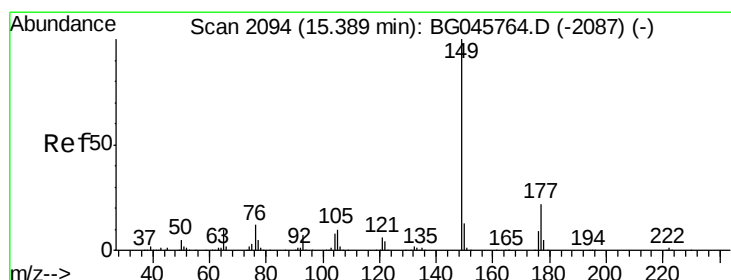
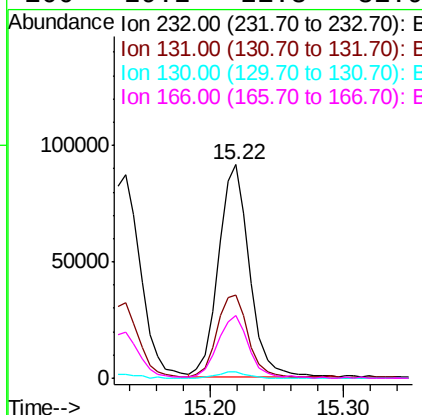
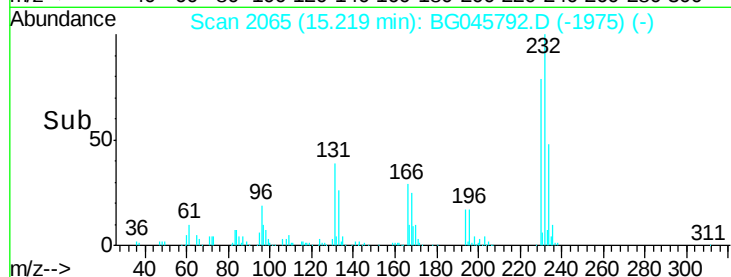
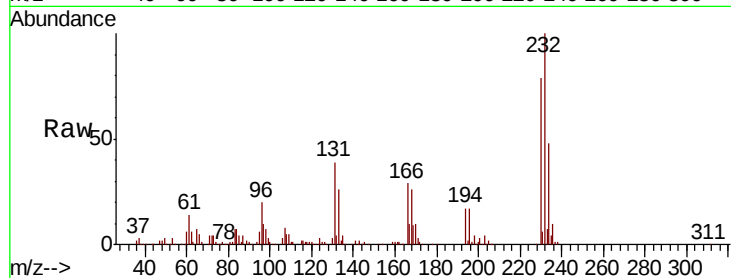




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.579 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

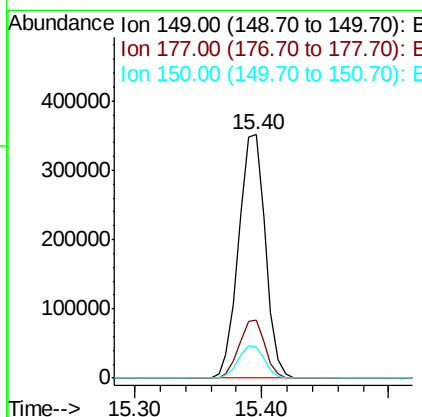
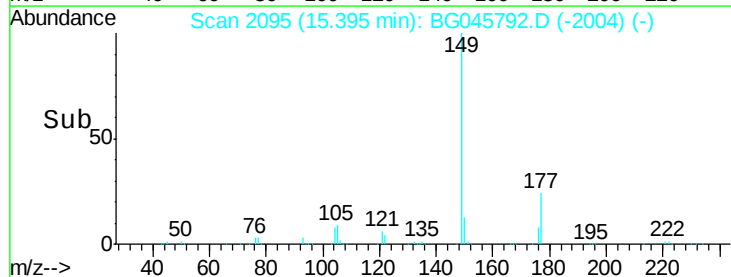
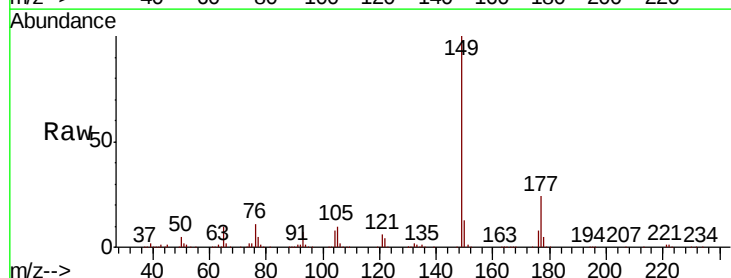
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

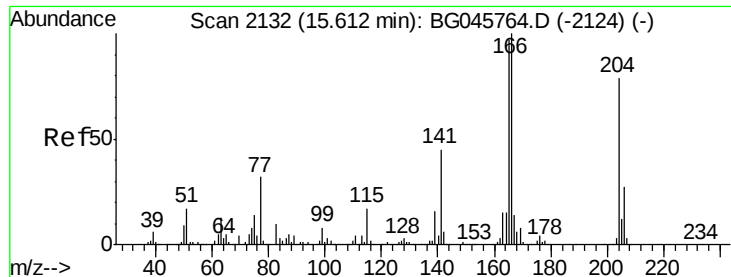
Tot Ion:232	Resp:	148432
Ion	Ratio	Lower Upper
232	100	
131	39.6	32.2 48.2
130	2.9	2.2 3.4
166	29.2	21.3 31.9



#60
 Diethylphthalate
 Concen: 33.710 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion:149	Resp:	509994
Ion	Ratio	Lower Upper
149	100	
177	23.8	17.2 25.8
150	12.8	10.7 16.1

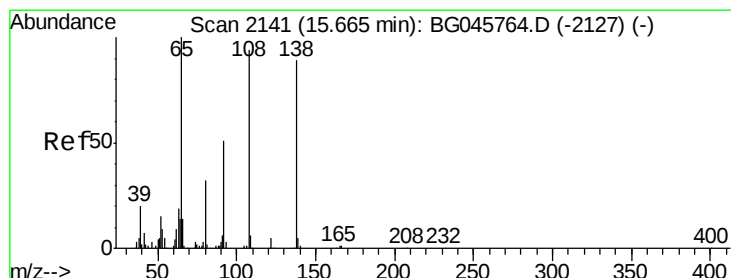
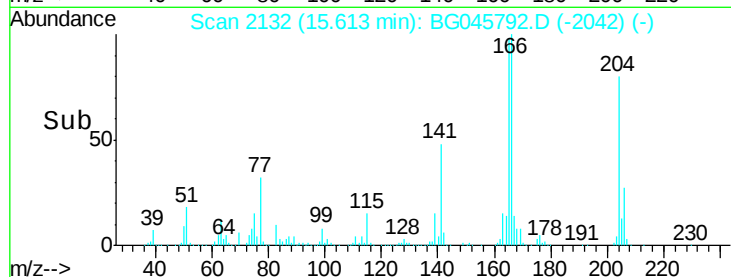
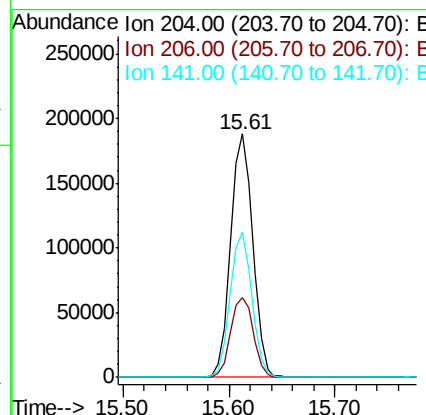
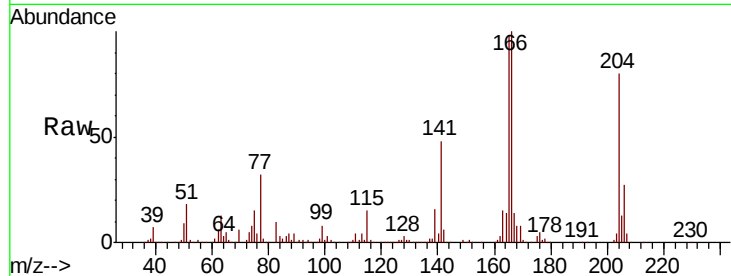




#61
 4-Chlorophenyl-phenylether
 Concen: 32.830 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

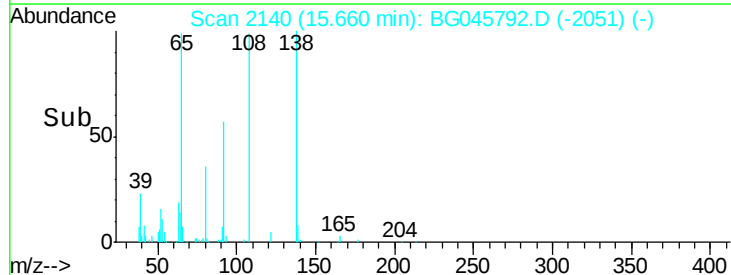
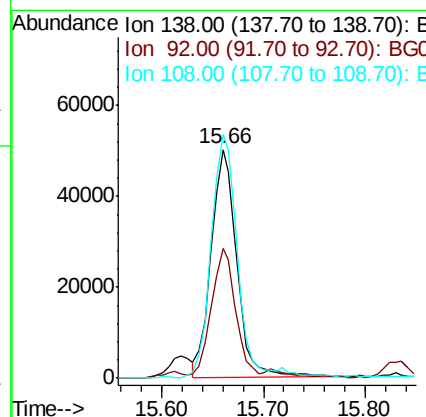
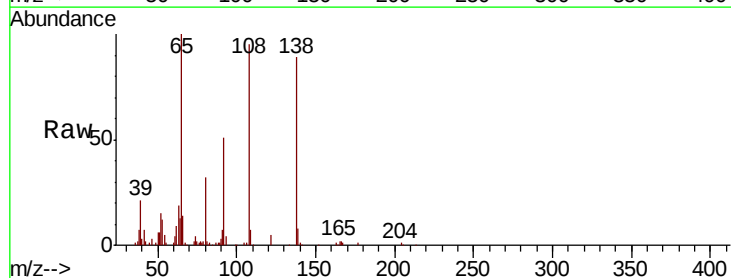
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

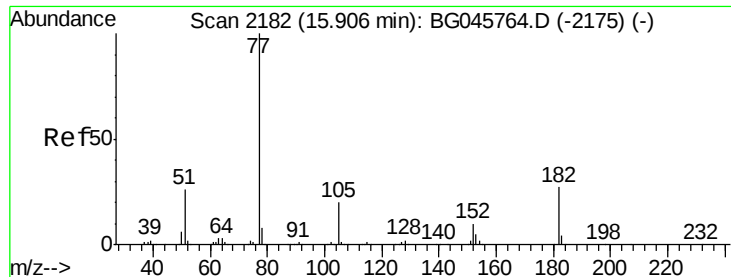
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.2	40.8
141	59.8	45.9	68.9



#62
 4-Nitroaniline
 Concen: 25.844 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	37.3	77.3
108	106.6	85.0	125.0





#63

Azobenzene

Concen: 34.427 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion: 77 Resp: 500117

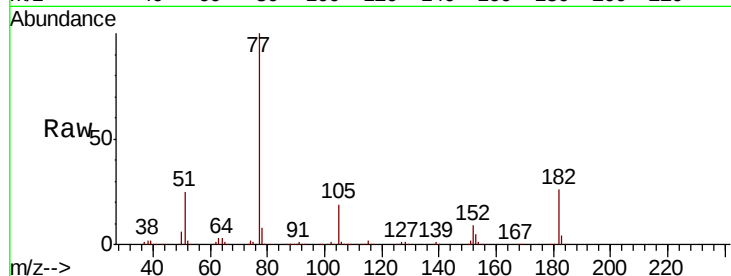
Ion Ratio Lower Upper

77 100

182 25.9 7.4 47.4

105 19.1 0.1 40.1

51 25.1 5.7 45.7

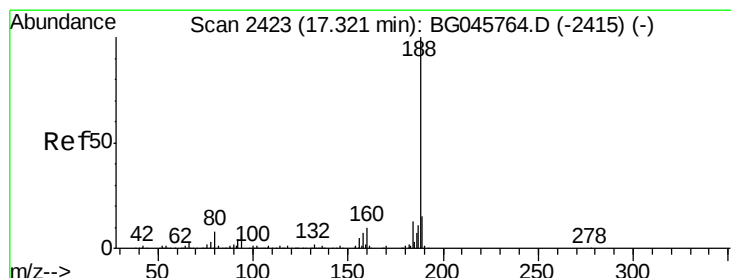
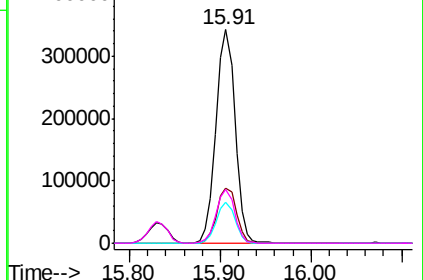
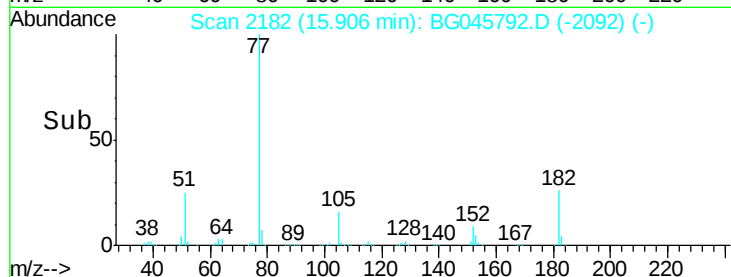


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

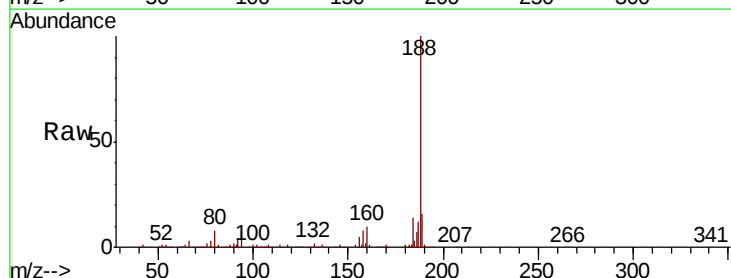
Tgt Ion: 188 Resp: 416262

Ion Ratio Lower Upper

188 100

94 7.5 5.1 7.7

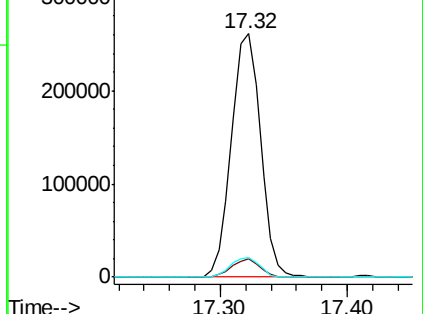
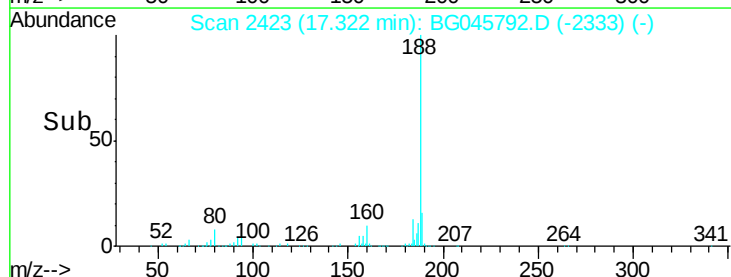
80 8.0 6.2 9.4

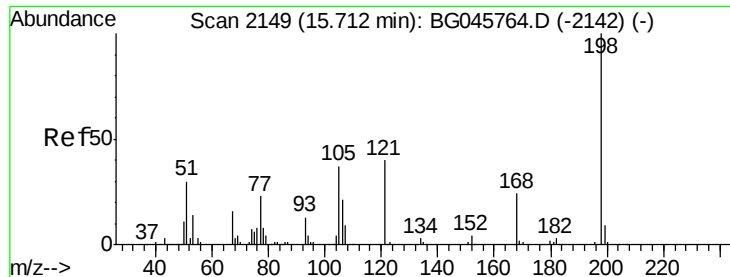


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 26.785 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

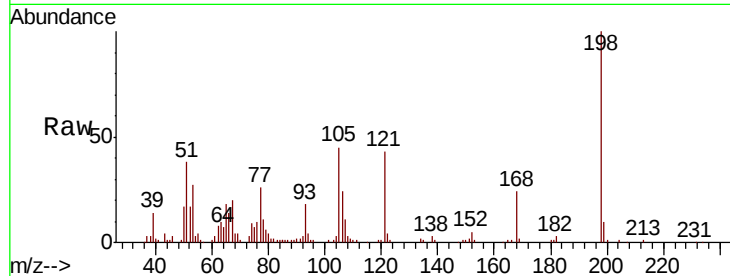
Tot Ion:198 Resp: 68904

Ion Ratio Lower Upper

198 100

51 38.0 14.6 54.6

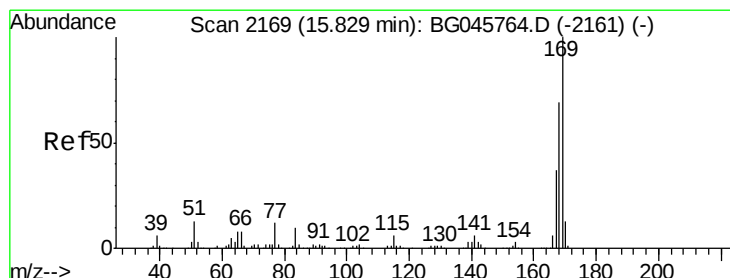
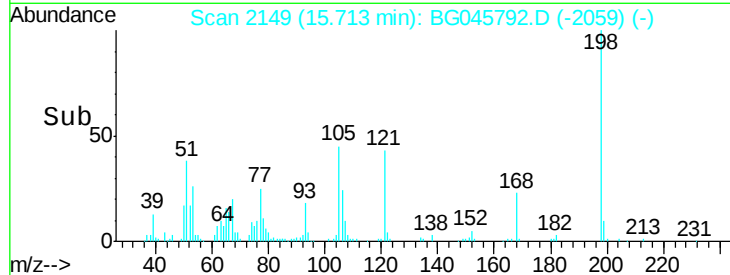
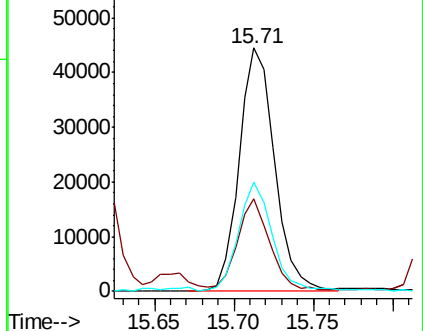
105 44.7 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.330 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

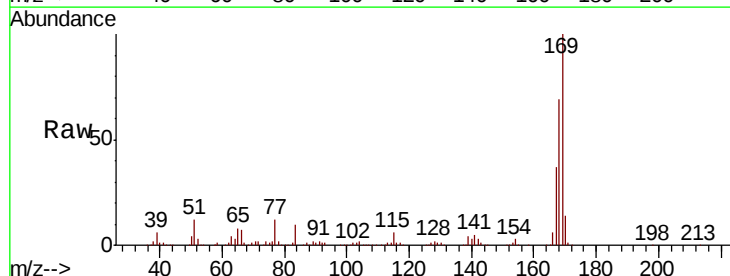
Tgt Ion:169 Resp: 428334

Ion Ratio Lower Upper

169 100

168 69.0 55.2 82.8

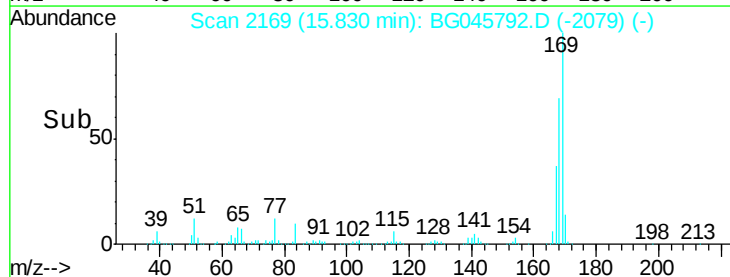
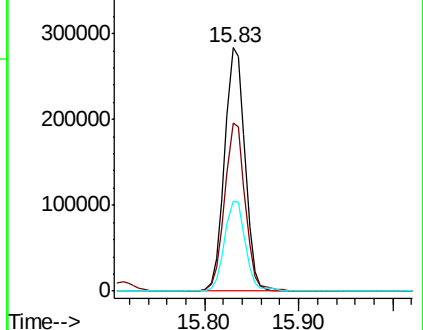
167 37.2 29.8 44.6

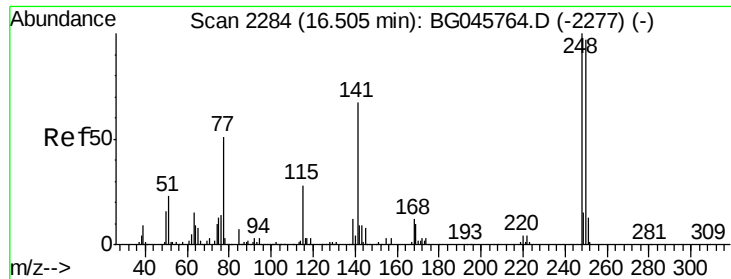


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

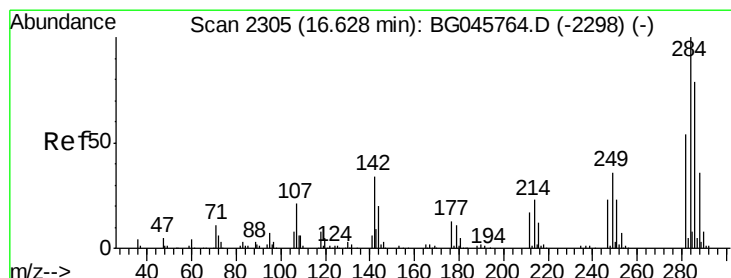
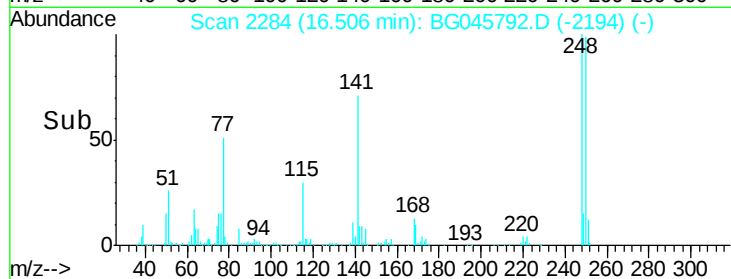
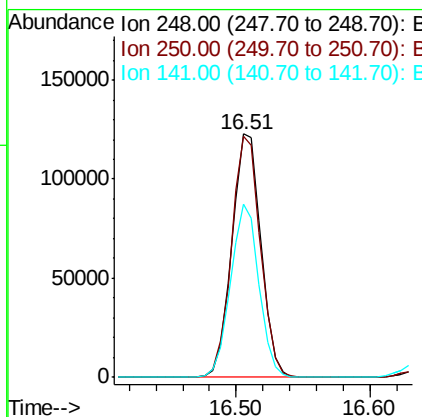
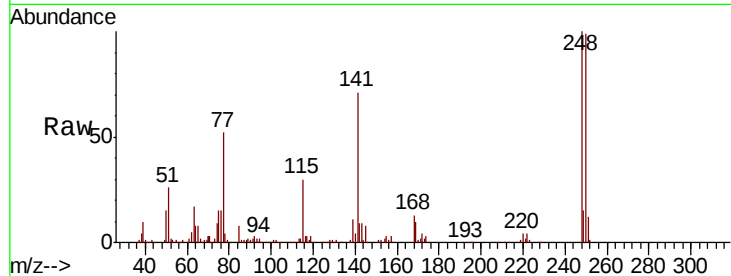




#67
4-Bromophenyl-phenylether
Concen: 34.378 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

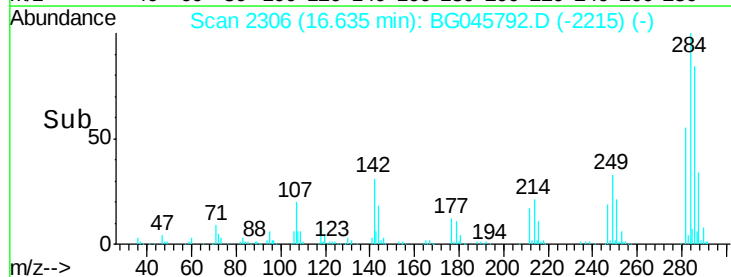
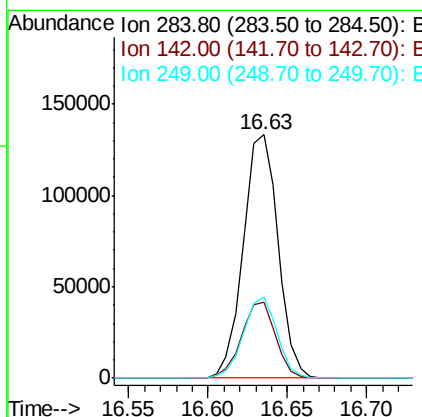
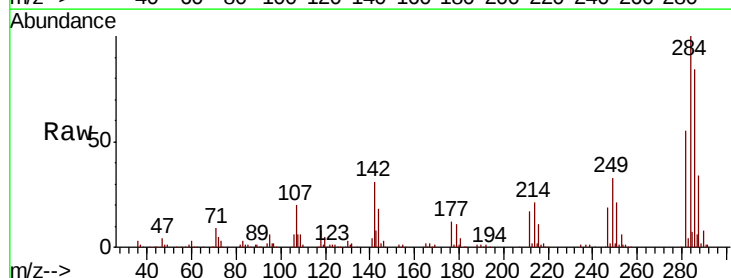
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

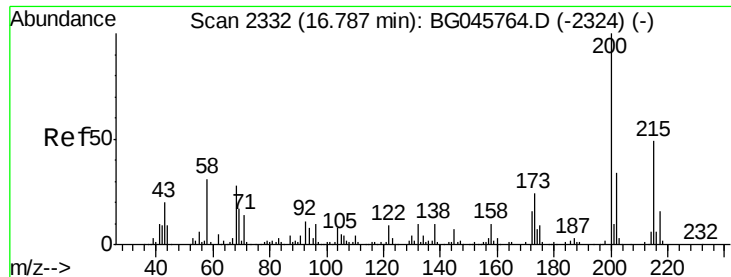
Tot Ion:248 Resp: 185945
Ion Ratio Lower Upper
248 100
250 99.3 78.0 117.0
141 71.1 53.9 80.9



#68
Hexachlorobenzene
Concen: 36.201 ng
RT: 16.63 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion:284 Resp: 203037
Ion Ratio Lower Upper
284 100
142 31.2 26.9 40.3
249 33.2 28.6 42.8





#69

Atrazine

Concen: 34.251 ng

RT: 16.79 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

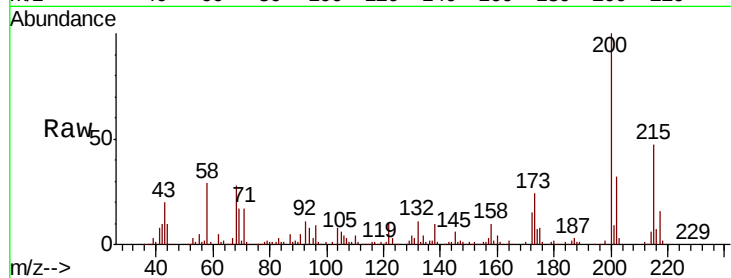
Tot Ion:200 Resp: 156700

Ion Ratio Lower Upper

200 100

173 23.7 3.9 43.9

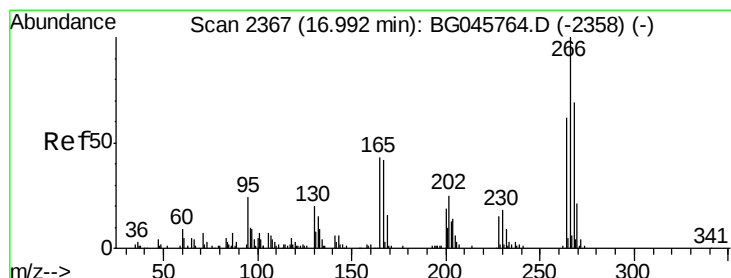
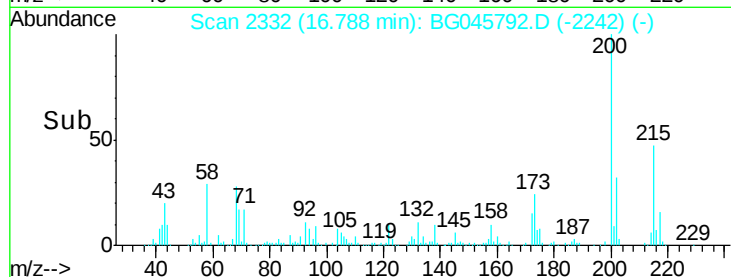
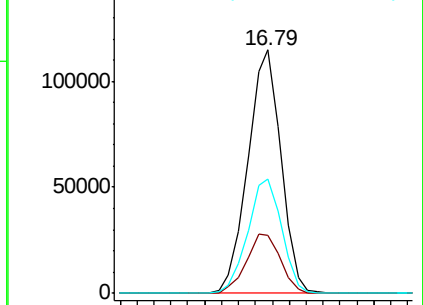
215 46.7 28.8 68.8



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: 74.064 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

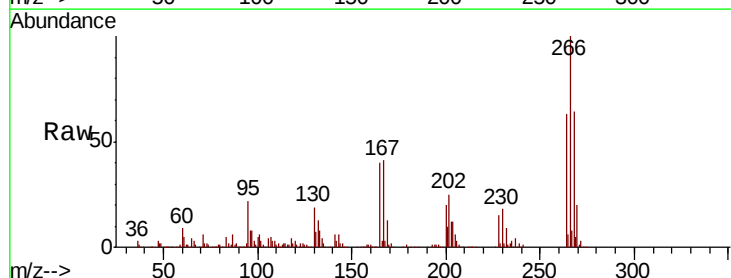
Tgt Ion:266 Resp: 203133

Ion Ratio Lower Upper

266 100

268 64.2 55.4 83.0

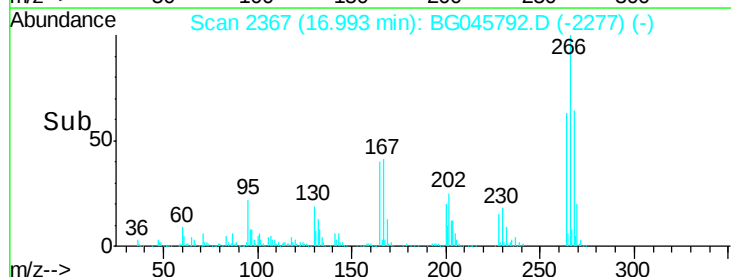
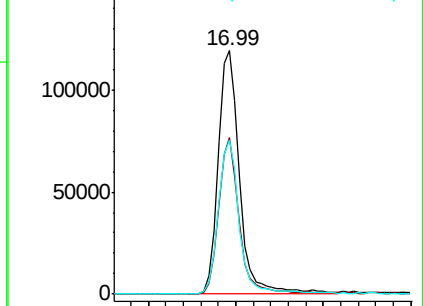
264 63.2 49.8 74.6

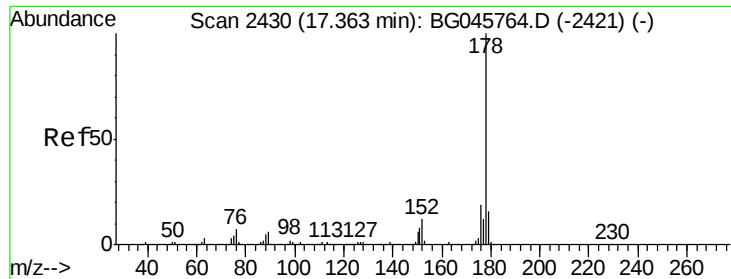


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

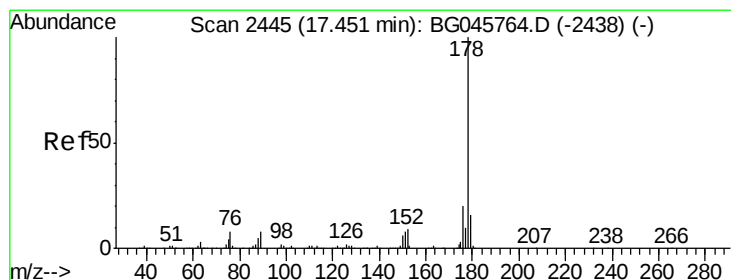
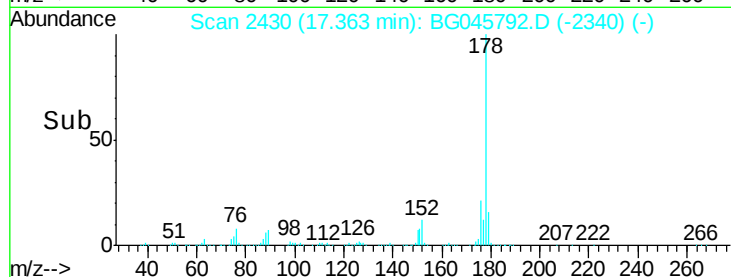
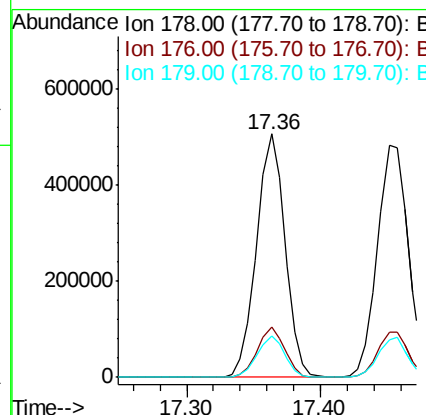
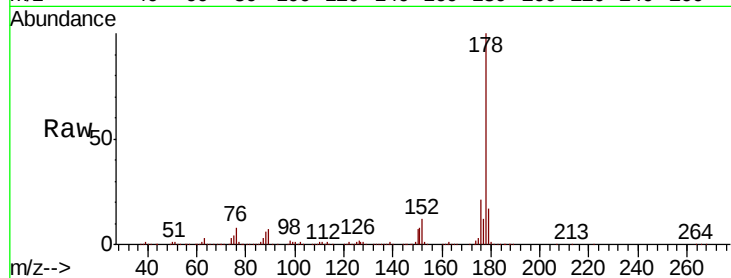




#71
Phenanthrene
Concen: 34.767 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

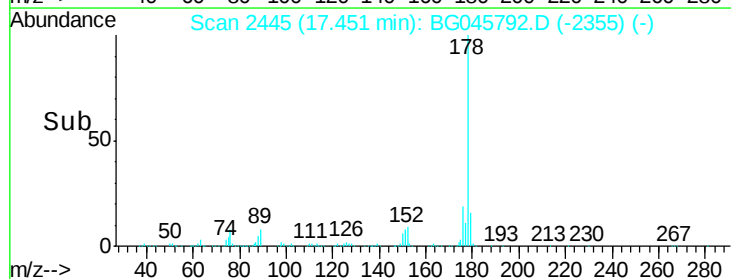
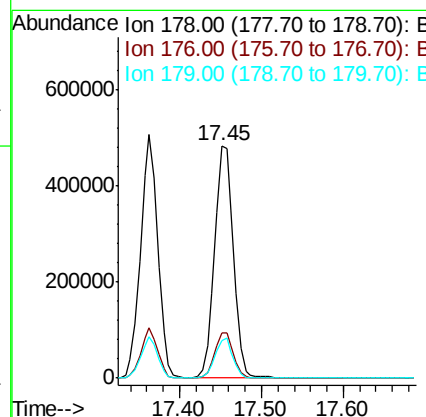
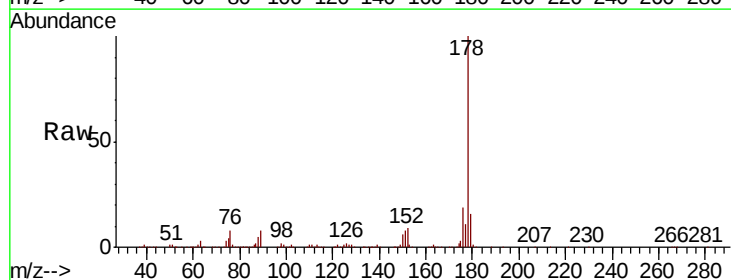
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

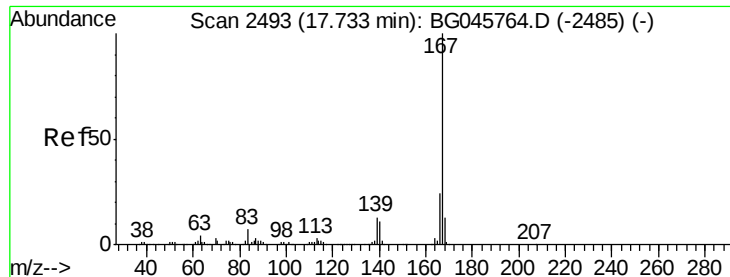
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.5	23.3
179	17.1	13.2	19.8



#72
Anthracene
Concen: 36.205 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.3	13.1	19.7

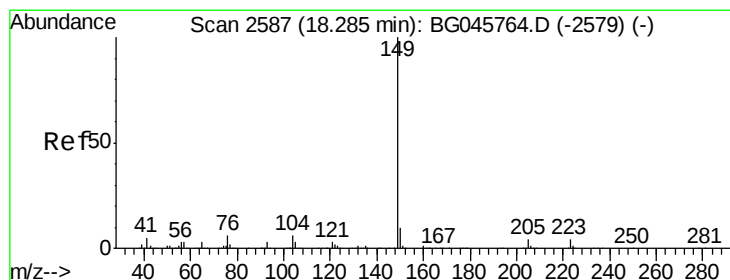
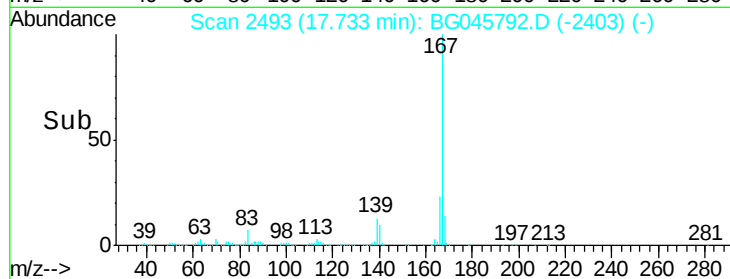
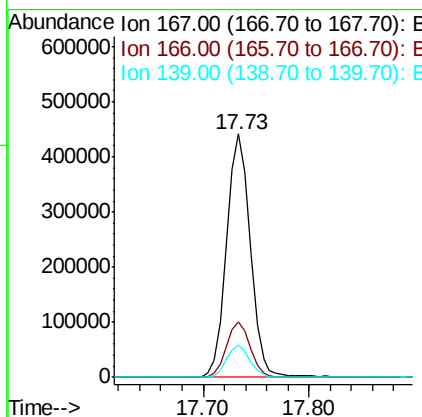
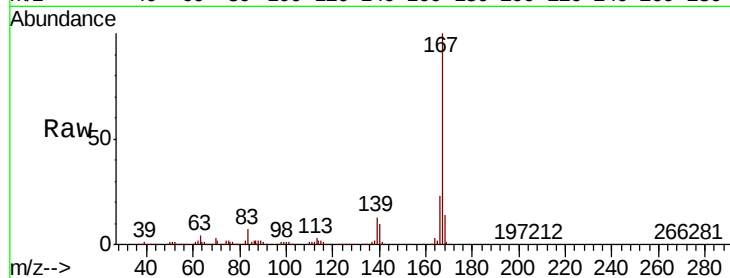




#73
 Carbazole
 Concen: 33.746 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

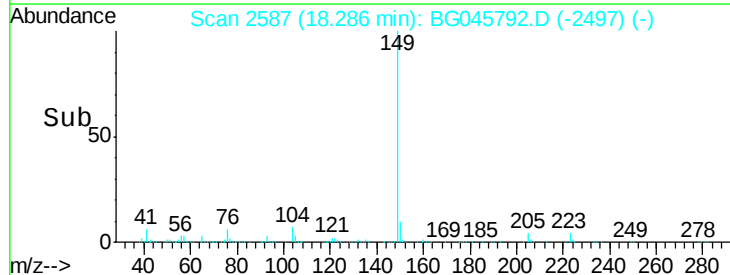
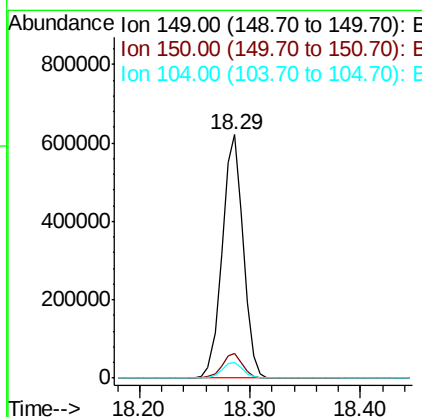
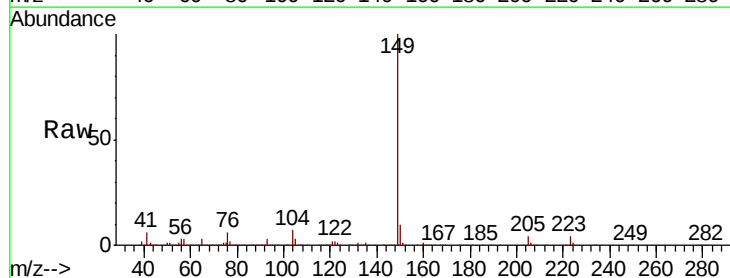
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

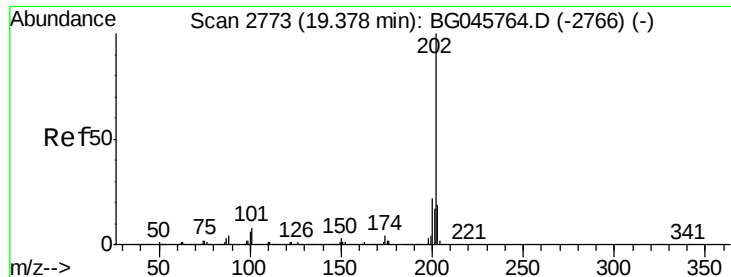
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.9	28.3
139	13.2	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 34.096 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.5	5.1	7.7





#75

Fluoranthene

Concen: 32.960 ng

RT: 19.38 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

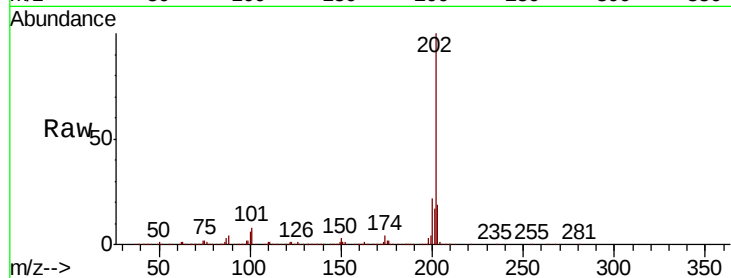
Tot Ion:202 Resp: 870094

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.7

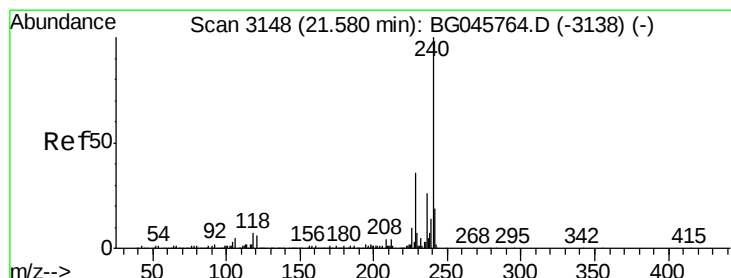
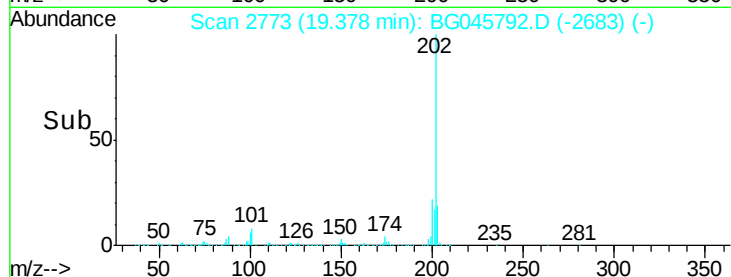
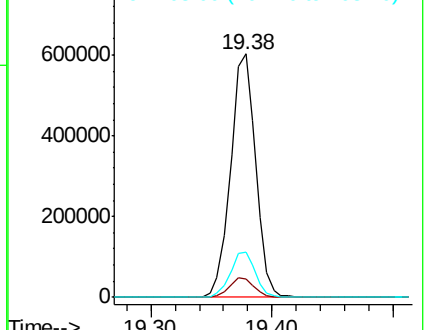
203 18.8 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

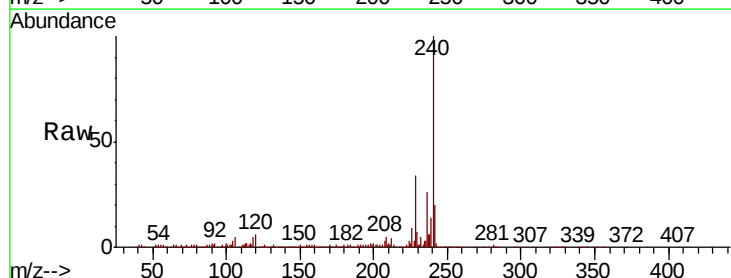
Tgt Ion:240 Resp: 357534

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

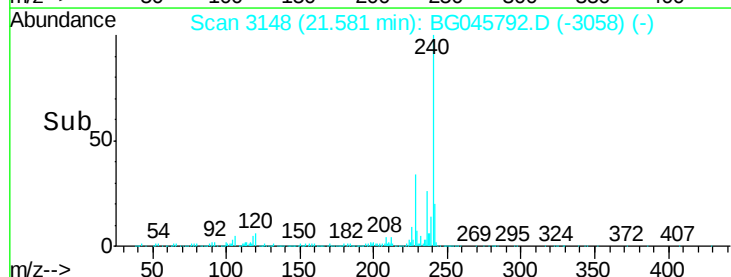
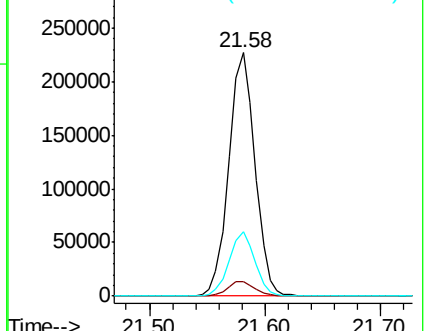
236 26.3 20.6 30.8

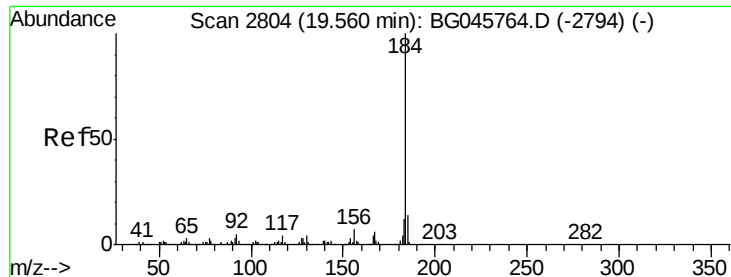


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.489 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

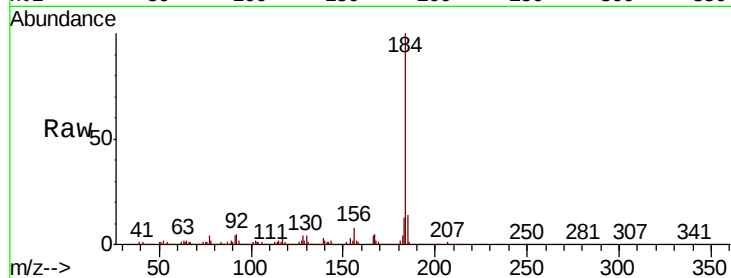
Tot Ion:184 Resp: 348453

Ion Ratio Lower Upper

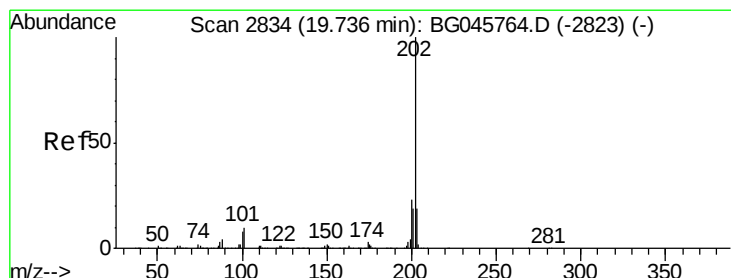
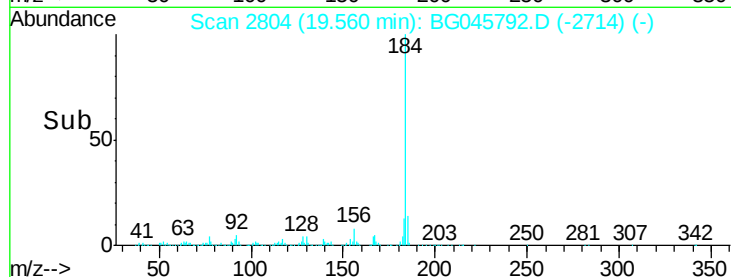
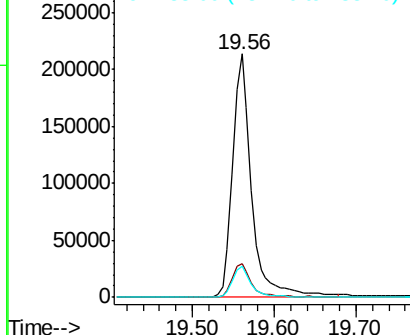
184 100

185 13.8 11.1 16.7

183 12.9 9.7 14.5



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: 35.803 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

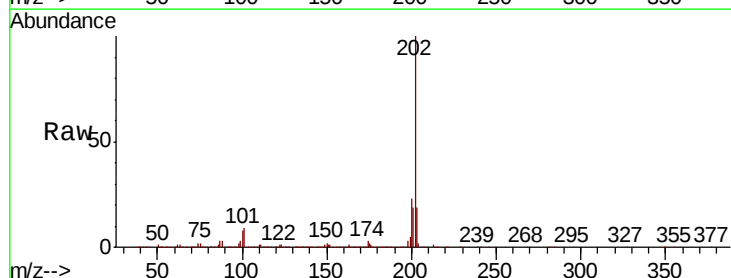
Tgt Ion:202 Resp: 857178

Ion Ratio Lower Upper

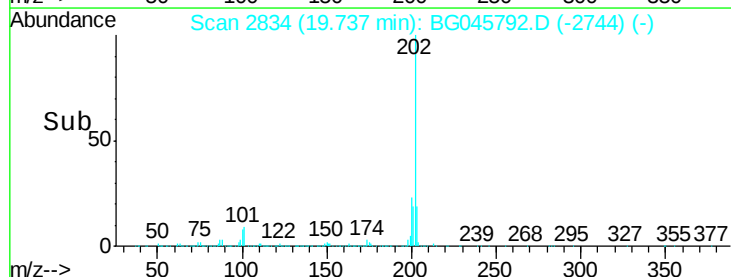
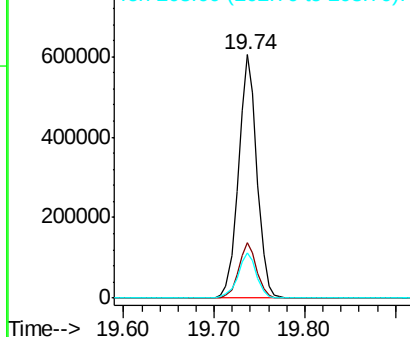
202 100

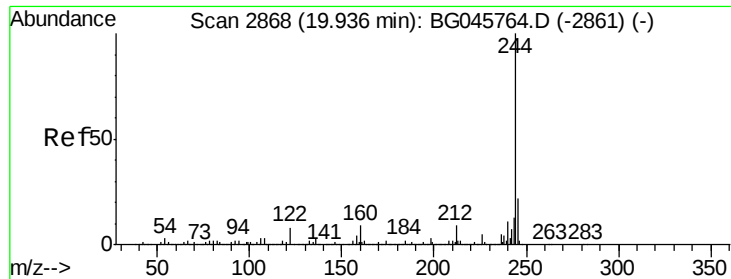
200 22.7 18.2 27.2

203 18.6 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.699 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

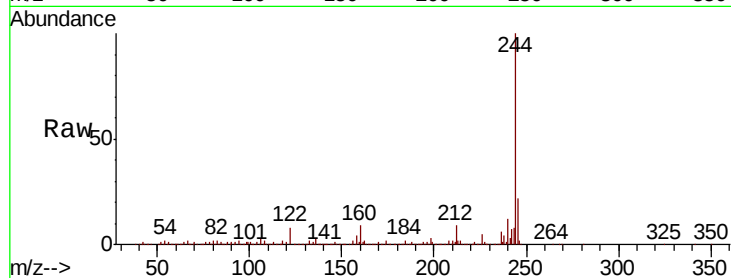
Tot Ion:244 Resp: 1247280

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

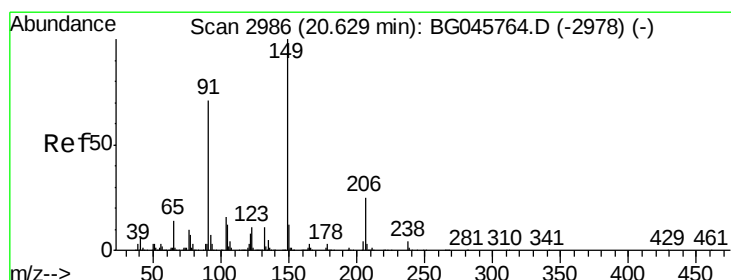
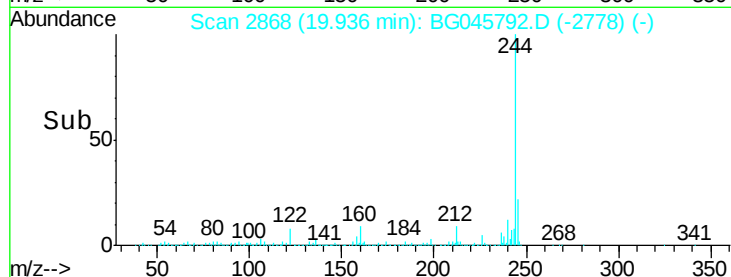
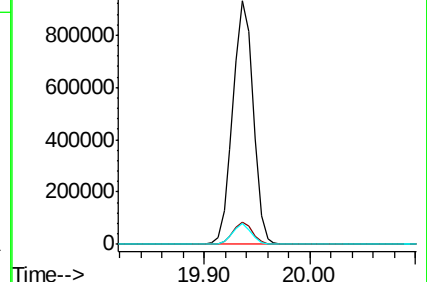
122 8.4 6.4 9.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.446 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

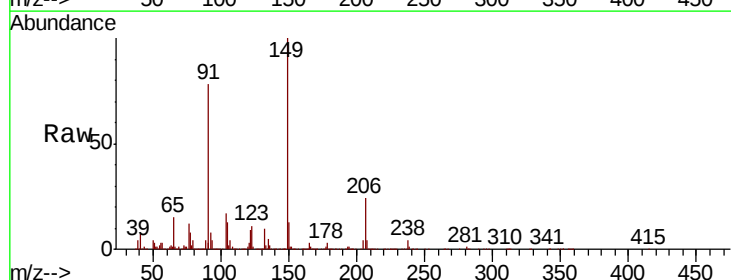
Tgt Ion:149 Resp: 335173

Ion Ratio Lower Upper

149 100

91 77.5 56.4 84.6

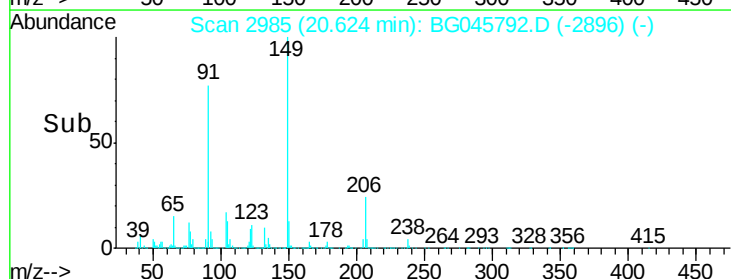
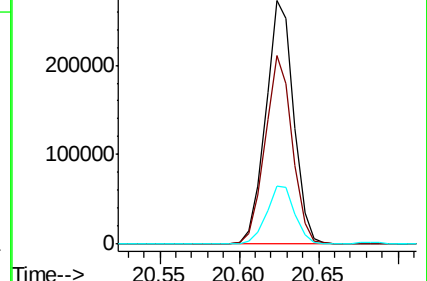
206 23.8 19.8 29.6

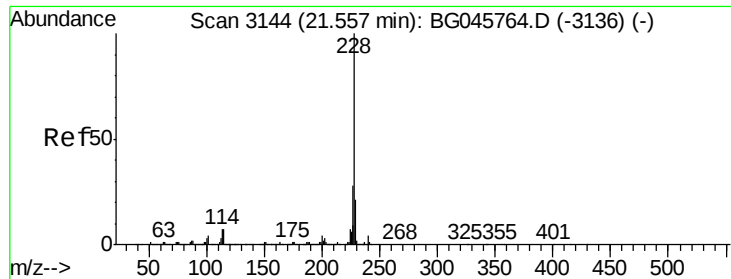


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.518 ng

RT: 21.56 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

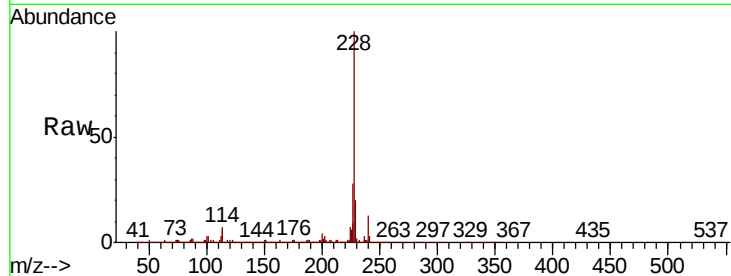
Tot Ion:228 Resp: 800128

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

229 19.9 16.6 24.8



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

600000

500000

400000

300000

200000

100000

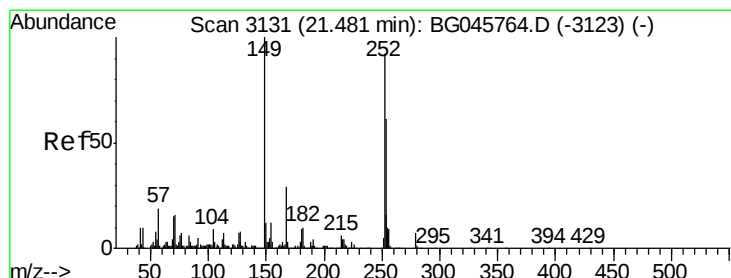
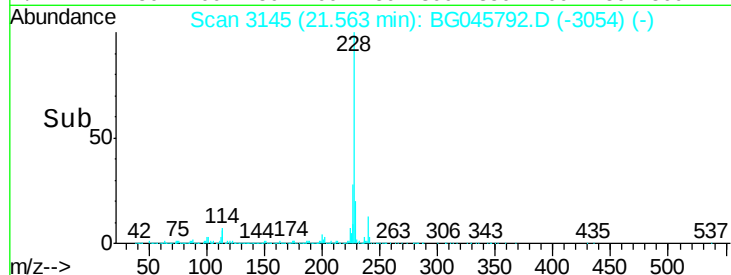
0

21.56

21.55

21.60

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 23.837 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

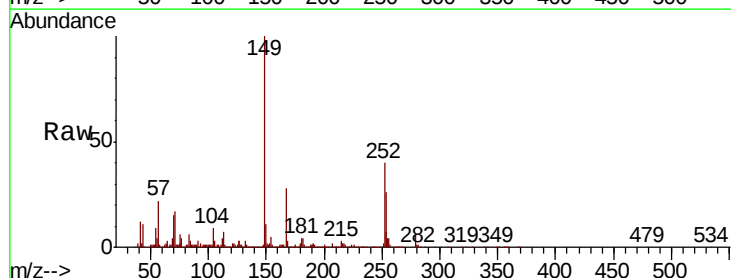
Tgt Ion:252 Resp: 209007

Ion Ratio Lower Upper

252 100

254 64.2 53.4 80.0

126 7.4 5.8 8.8



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

150000

100000

50000

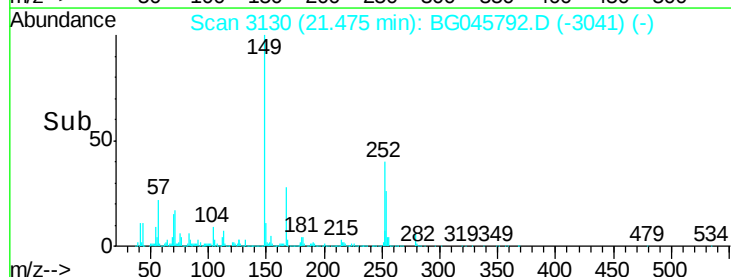
0

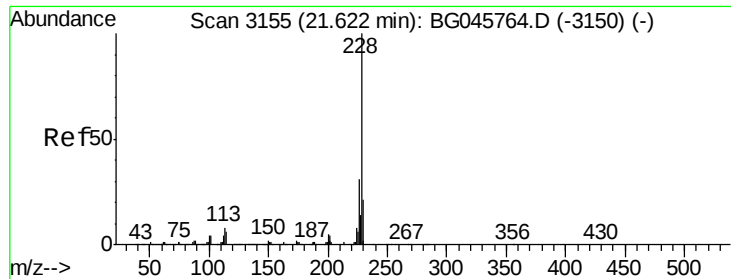
21.48

21.40

21.50

Time-->





#83

Chrysene

Concen: 34.503 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

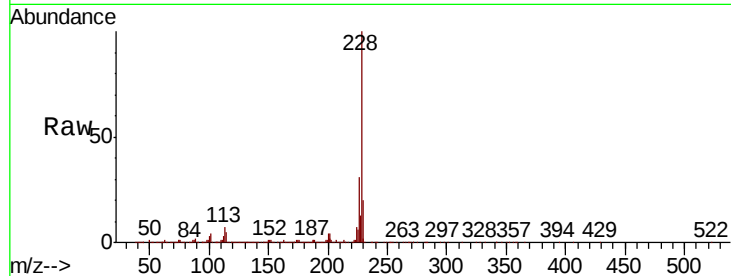
Tot Ion:228 Resp: 773581

Ion Ratio Lower Upper

228 100

226 31.5 25.1 37.7

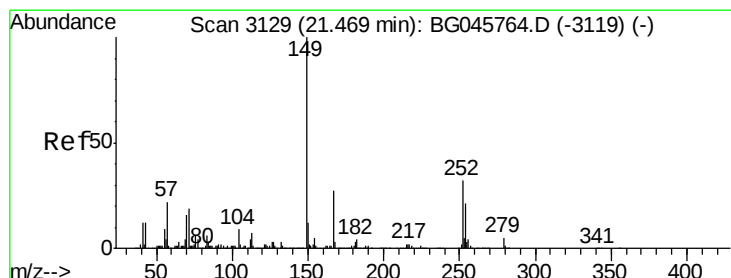
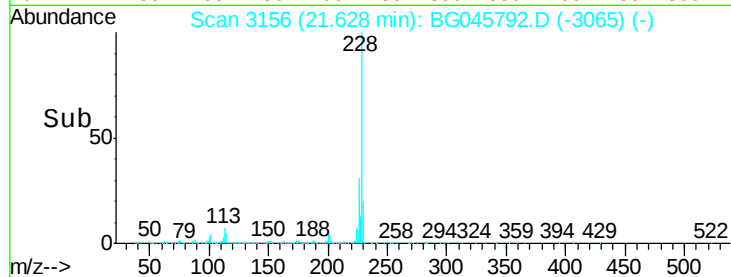
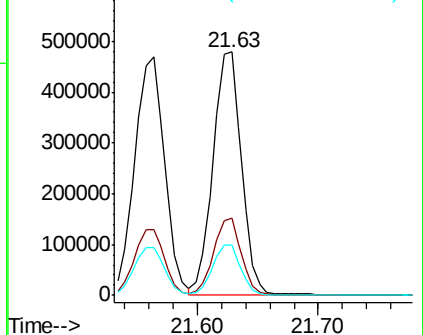
229 20.5 16.4 24.6



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: 33.940 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

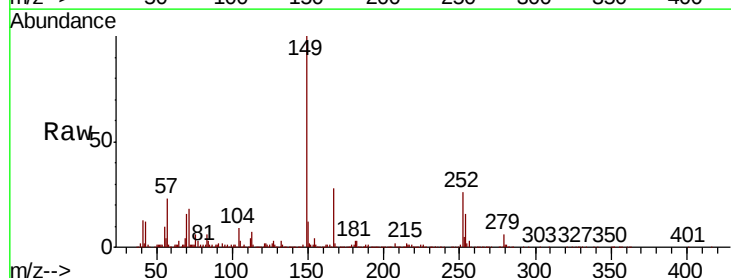
Tgt Ion:149 Resp: 473100

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

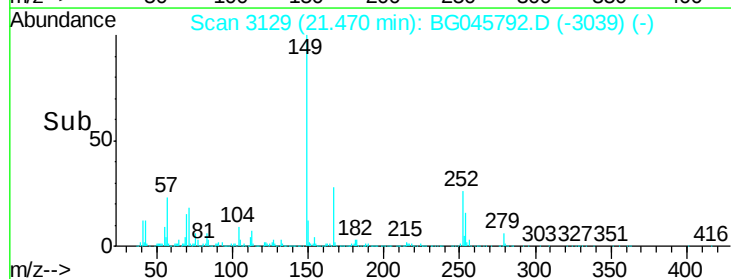
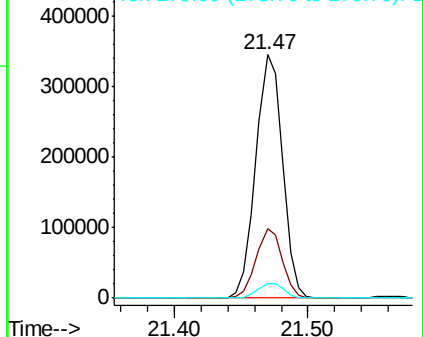
279 5.8 3.7 5.5#

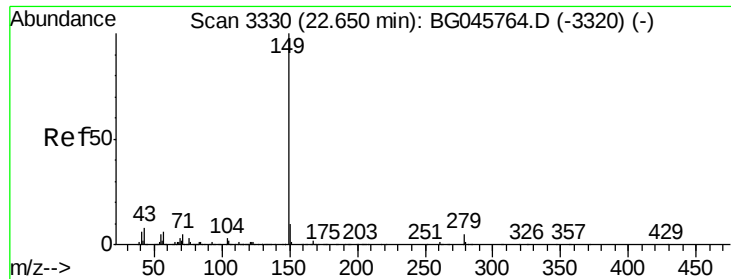


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.127 ng

RT: 22.65 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

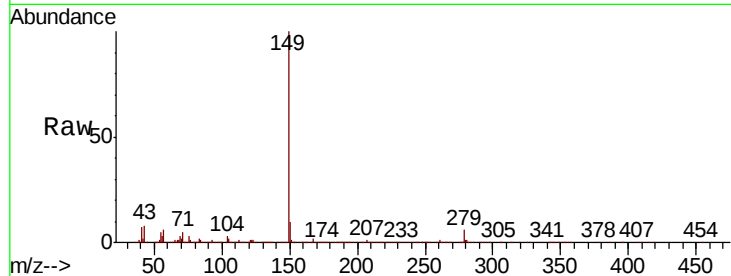
Tot Ion:149 Resp: 796522

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 7.6 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.65

400000

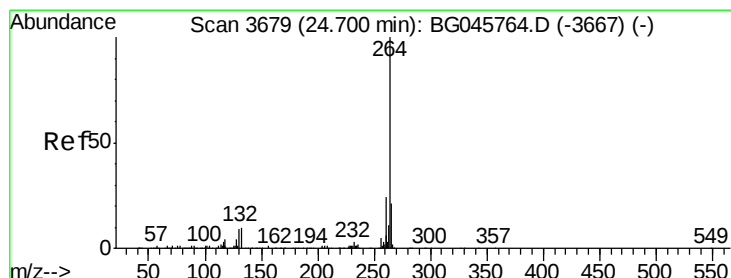
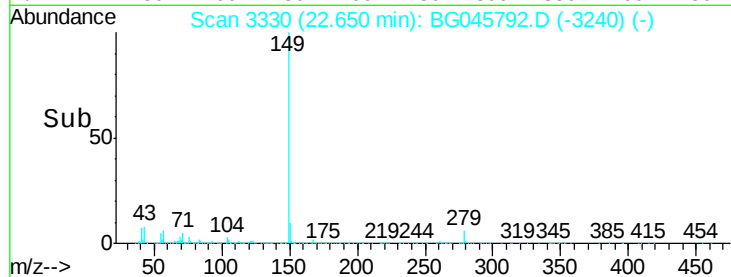
300000

200000

100000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

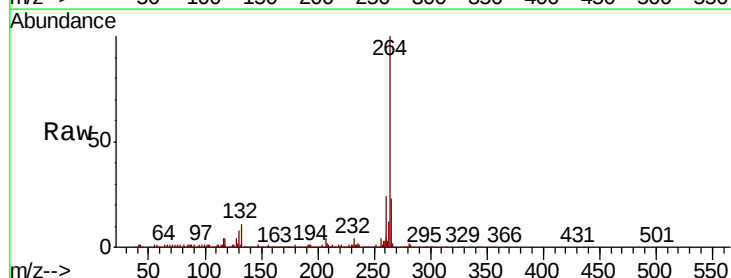
Tgt Ion:264 Resp: 380179

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 23.3 17.4 26.0



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

24.71

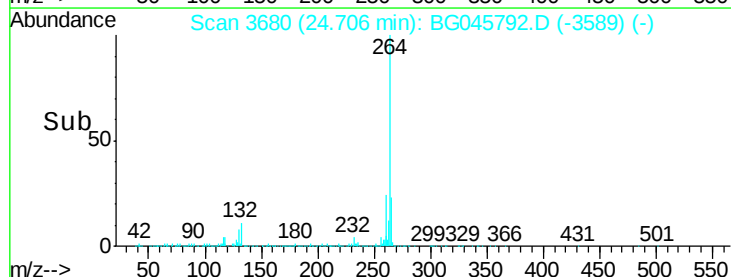
150000

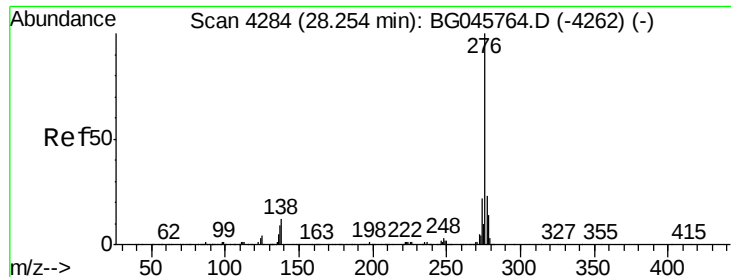
100000

50000

0

Time-->

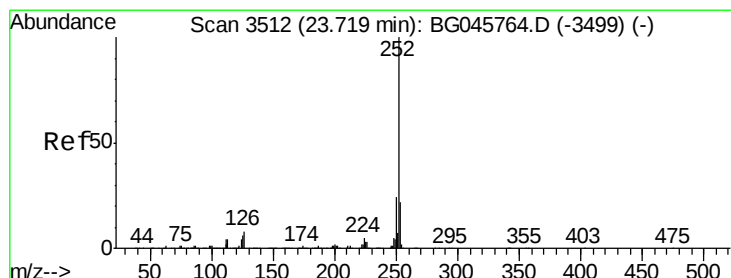
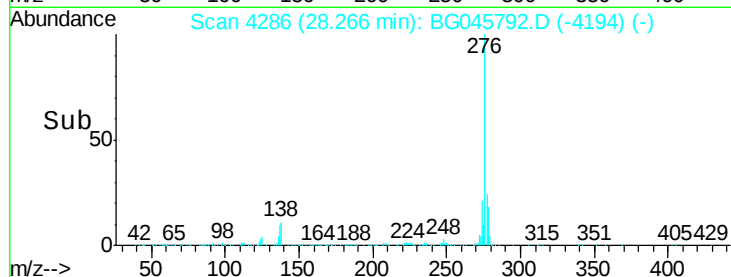
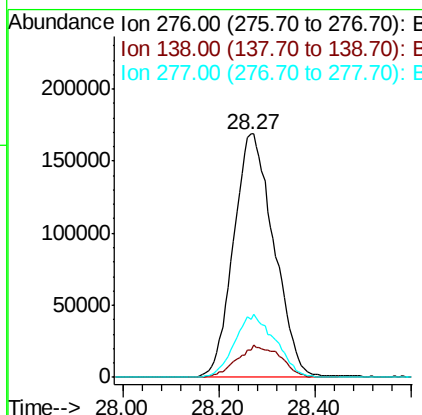
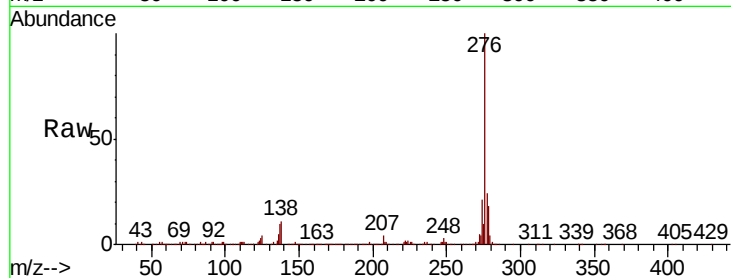




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.854 ng
 RT: 28.27 min Scan# 4286
 Delta R.T. 0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

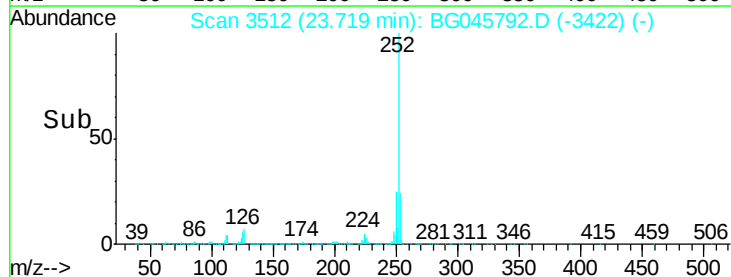
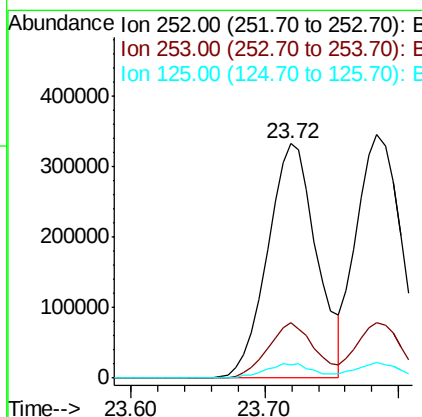
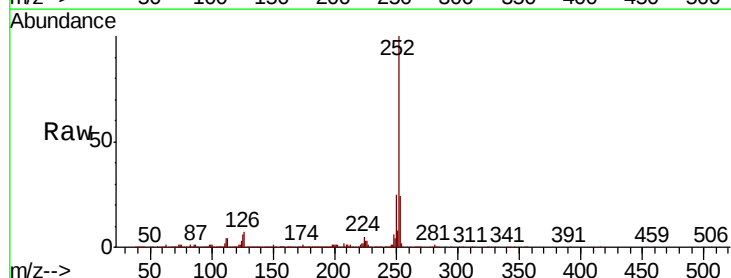
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MSD

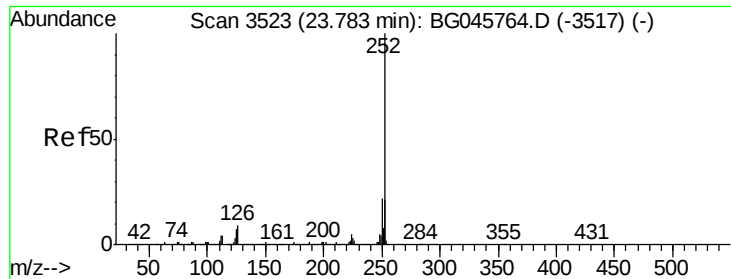
Tot Ion:276 Resp: 988176
 Ion Ratio Lower Upper
 276 100
 138 14.1 5.4 8.0#
 277 26.2 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 35.624 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion:252 Resp: 849177
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.4 26.0
 125 5.8 5.0 7.4

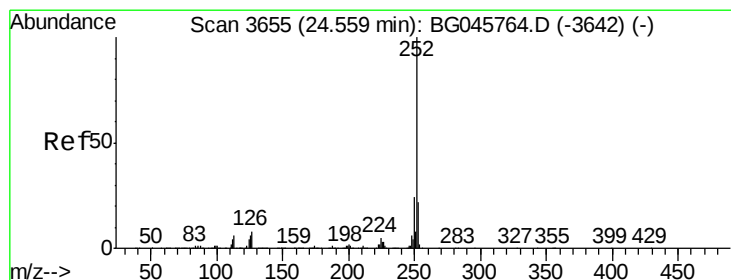
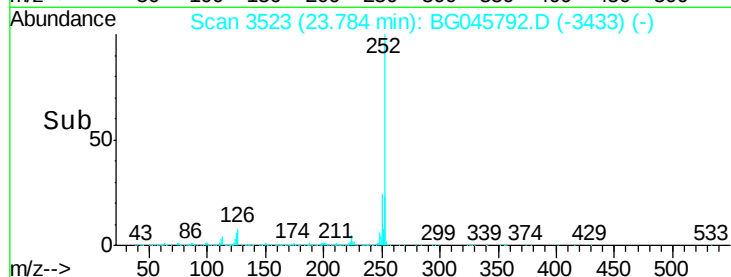
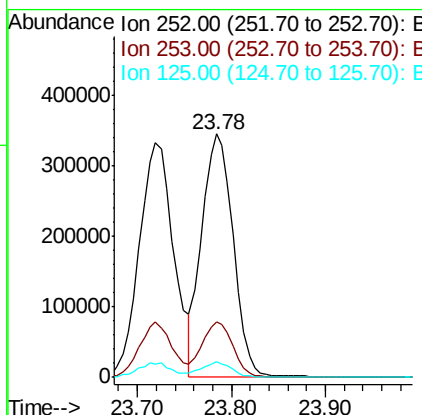
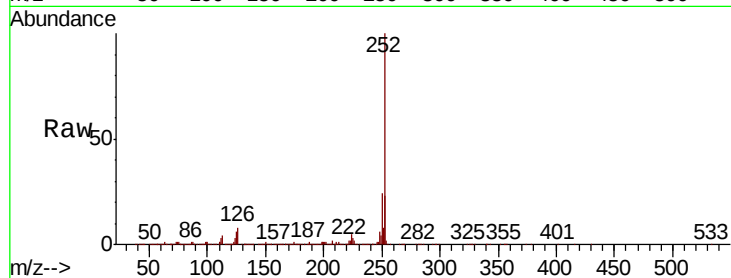




#89
Benzo(k)fluoranthene
Concen: 35.239 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

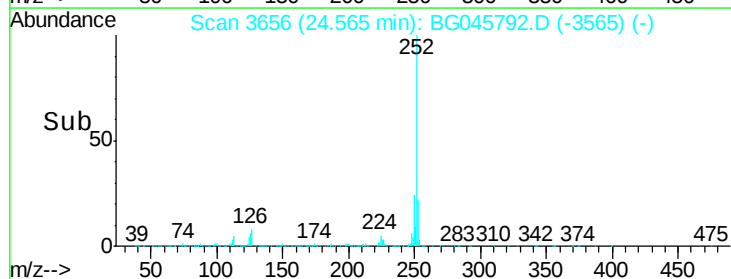
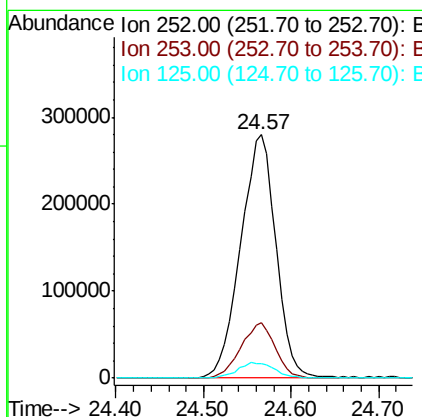
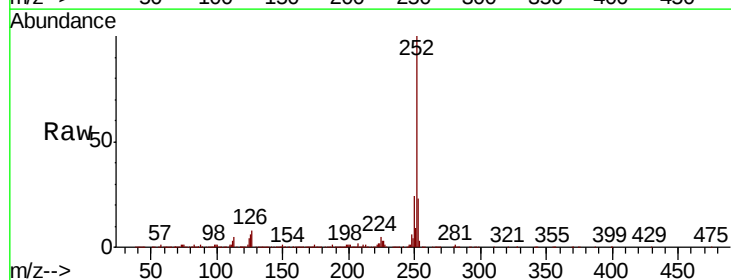
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

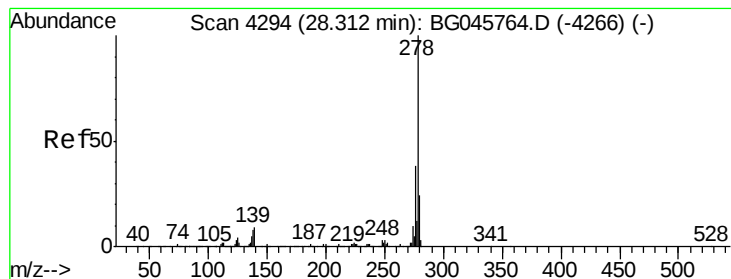
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	6.4	5.2	7.8



#90
Benzo(a)pyrene
Concen: 34.388 ng
RT: 24.57 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	6.2	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 37.212 ng

RT: 28.32 min Scan# 4296

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

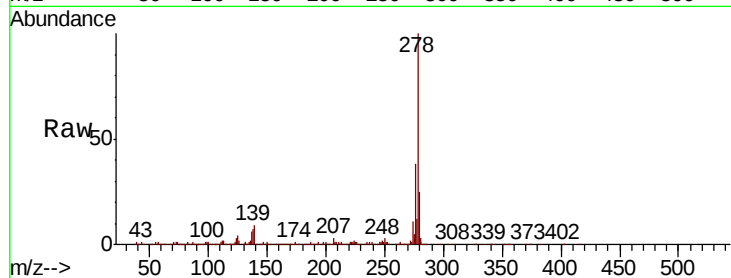
Tot Ion:278 Resp: 822450

Ion Ratio Lower Upper

278 100

139 9.3 7.3 10.9

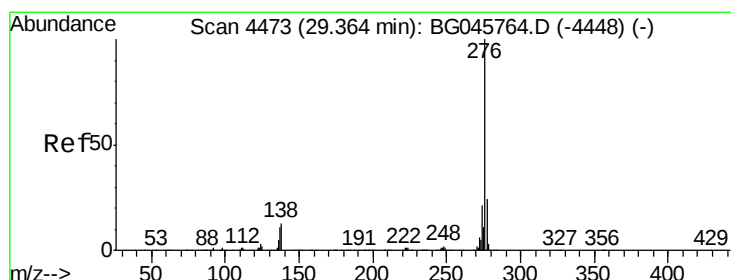
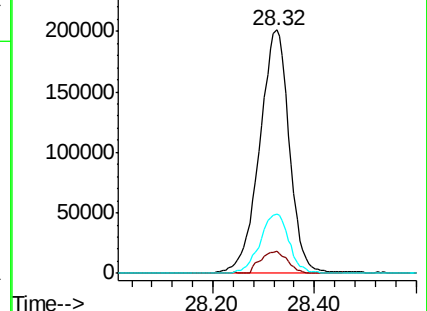
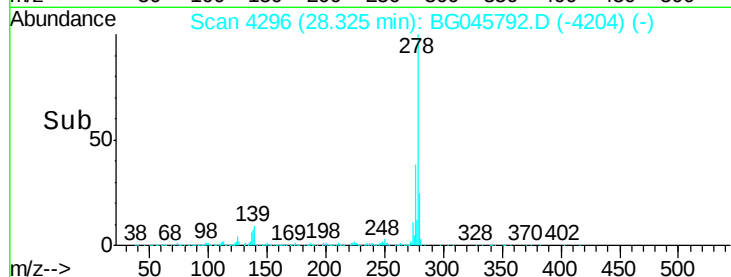
279 24.6 19.5 29.3



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: 36.769 ng

RT: 29.37 min Scan# 4474

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

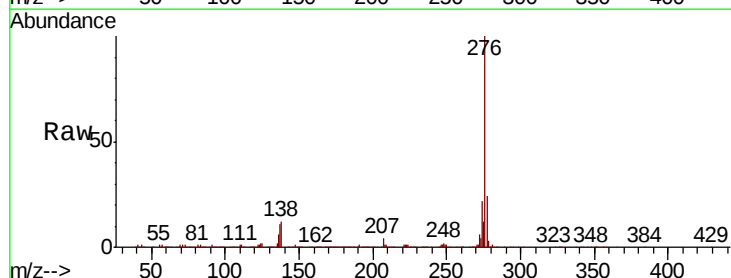
Tgt Ion:276 Resp: 813401

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 11.5 10.6 15.8



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

