

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045791.D
 Acq On : 17 Jun 2020 15:22
 Operator : CG/JU
 Sample : L3020-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 17 15:59:12 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	56617	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	234674	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	170788	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	415936	20.00	ng	0.00
76) Chrysene-d12	21.58	240	346753	20.00	ng	0.00
86) Perylene-d12	24.71	264	375508	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	347111	103.56	ng	0.00
7) Phenol-d6	7.16	99	513156	100.66	ng	0.00
23) Nitrobenzene-d5	9.08	82	338026	65.80	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	272064	105.51	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	776774	66.84	ng	0.00
79) Terphenyl-d14	19.93	244	1295950	75.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	43808	28.538	ng	92
3) Pyridine	3.76	79	125510	27.591	ng	92
4) n-Nitrosodimethylamine	3.67	42	52755	34.550	ng	98
6) Aniline	7.25	93	101993	16.991	ng	97
8) 2-Chlorophenol	7.50	128	137881	38.433	ng	95
9) Benzaldehyde	7.05	77	84995	27.757	ng	94
10) Phenol	7.18	94	186427	37.740	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	128406	34.223	ng	98
12) 1,3-Dichlorobenzene	7.81	146	150894	35.294	ng	95
13) 1,4-Dichlorobenzene	7.95	146	153640	35.978	ng	100
14) 1,2-Dichlorobenzene	8.27	146	143571	35.118	ng	97
15) Benzyl Alcohol	8.18	79	140983	35.735	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	119752	33.865	ng	89
17) 2-Methylphenol	8.41	107	123310	33.543	ng	99
18) Hexachloroethane	9.00	117	59102	36.440	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	116809	34.851	ng	99
20) 3+4-Methylphenols	8.75	107	165656	34.264	ng	# 80
22) Acetophenone	8.74	105	212670	33.018	ng	# 96
24) Nitrobenzene	9.13	77	175868	32.109	ng	99
25) Isophorone	9.65	82	318679	32.045	ng	99
26) 2-Nitrophenol	9.84	139	78535	34.417	ng	98
27) 2,4-Dimethylphenol	9.94	122	118874	34.121	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	177829	34.233	ng	99
29) 2,4-Dichlorophenol	10.41	162	143121	35.211	ng	91
30) 1,2,4-Trichlorobenzene	10.59	180	158972	33.037	ng	99
31) Naphthalene	10.78	128	426555	33.247	ng	99
32) Benzoic acid	10.14	122	90445	41.521	ng	# 85
33) 4-Chloroaniline	10.90	127	65347	12.163	ng	95
34) Hexachlorobutadiene	11.06	225	114036	33.323	ng	94
35) Caprolactam	11.66	113	32833	24.962	ng	90
36) 4-Chloro-3-methylphenol	12.07	107	166367	35.449	ng	94
37) 2-Methylnaphthalene	12.39	142	322226	33.728	ng	99
38) 1-Methylnaphthalene	12.61	142	306727	33.927	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	186556	33.174	ng	99

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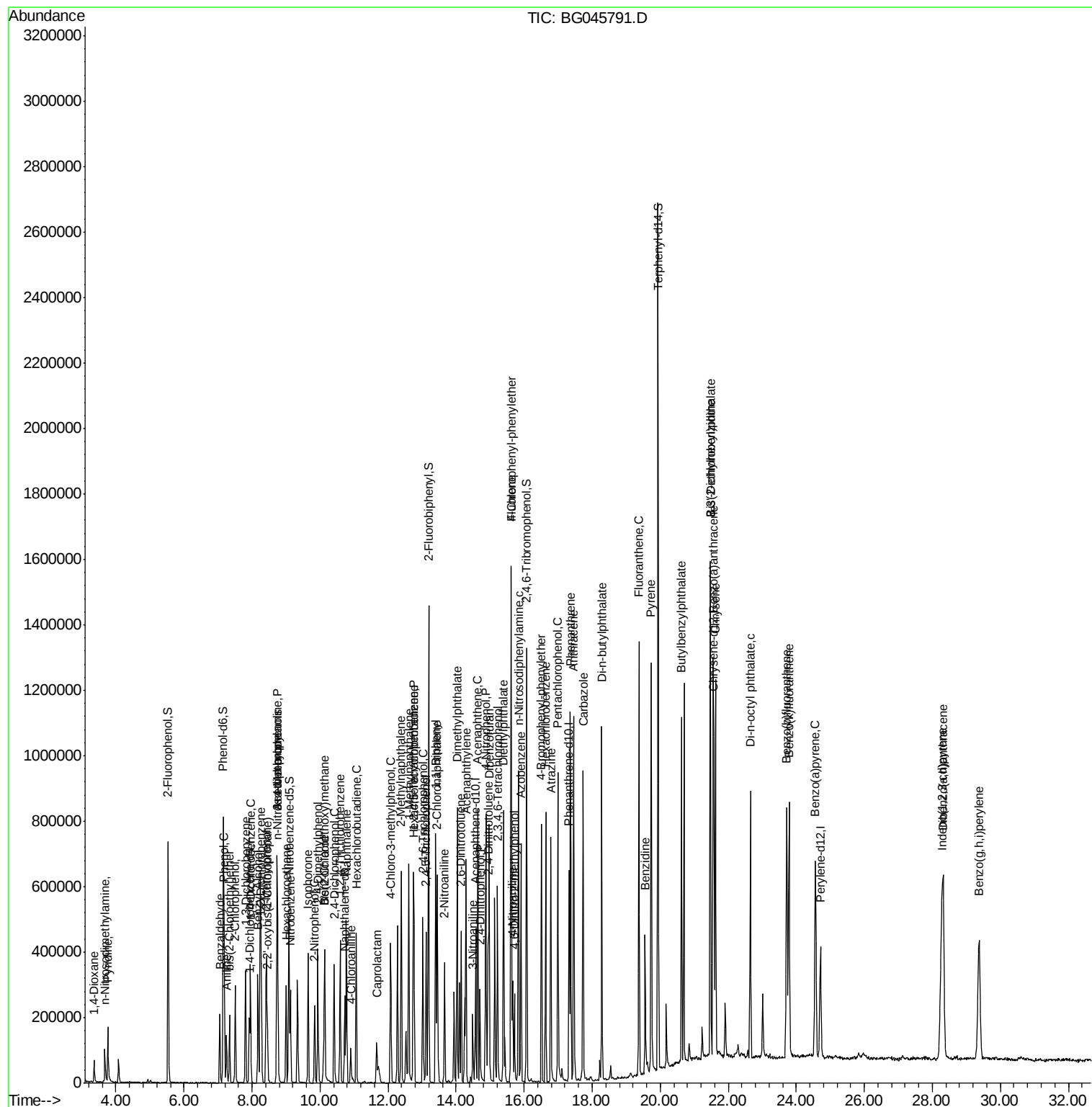
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	145740	50.399	nq	97
43) 2,4,6-Trichlorophenol	13.02	196	132185	34.668	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	139080	32.005	nq	96
46) 1,1'-Biphenyl	13.40	154	414669	33.913	nq	100
47) 2-Chloronaphthalene	13.44	162	327605	33.168	nq	99
48) 2-Nitroaniline	13.66	65	111600	33.968	nq	99
49) Acenaphthylene	14.29	152	525064	33.188	nq	99
50) Dimethylphthalate	14.03	163	575890	43.043	nq	98
51) 2,6-Dinitrotoluene	14.15	165	101322	33.717	nq	96
52) Acenaphthene	14.64	154	320929	33.466	nq	98
53) 3-Nitroaniline	14.49	138	58654	19.541	nq	100
54) 2,4-Dinitrophenol	14.70	184	79187	51.384	nq	93
55) Dibenzofuran	14.97	168	521050	33.447	nq	99
56) 4-Nitrophenol	14.88	139	148384	69.546	nq	98
57) 2,4-Dinitrotoluene	14.94	165	146024	33.915	nq	99
58) Fluorene	15.62	166	445644	34.402	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	136764	36.261	nq	97
60) Diethylphthalate	15.39	149	463664	33.900	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	239770	32.114	nq	97
62) 4-Nitroaniline	15.66	138	91463	29.691	nq	96
63) Azobenzene	15.90	77	451544	34.383	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	65755	25.581	nq	95
66) n-Nitrosodiphenylamine	15.83	169	396796	33.681	nq	97
67) 4-Bromophenyl-phenylether	16.51	248	170543	31.556	nq	98
68) Hexachlorobenzene	16.63	284	187174	33.399	nq	94
69) Atrazine	16.79	200	155043	33.915	nq	98
70) Pentachlorophenol	16.99	266	185696	68.409	nq	97
71) Phenanthrene	17.36	178	718623	33.500	nq	100
72) Anthracene	17.46	178	732795	34.305	nq	99
73) Carbazole	17.73	167	666561	32.771	nq	100
74) Di-n-butylphthalate	18.28	149	799208	33.185	nq	100
75) Fluoranthene	19.38	202	841004	31.883	nq	99
77) Benzidine	19.56	184	285996	31.726	nq	98
78) Pyrene	19.73	202	817485	35.206	nq	99
80) Butylbenzylphthalate	20.63	149	320437	32.969	nq	98
81) Benzo(a)anthracene	21.56	228	761448	33.870	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	200149	23.537	nq	98
83) Chrysene	21.63	228	732344	33.680	nq	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	453087	33.515	nq	96
85) Di-n-octyl phthalate	22.65	149	751802	32.239	nq	99
87) Indeno(1,2,3-cd)pyrene	28.28	276	941629	34.590	nq	# 94
88) Benzo(b)fluoranthene	23.72	252	803479	34.127	nq	98
89) Benzo(k)fluoranthene	23.79	252	768986	34.126	nq	96
90) Benzo(a)pyrene	24.56	252	731623	33.266	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	783911	35.910	nq	99
92) Benzo(g,h,i)perylene	29.37	276	775155	35.476	nq	97

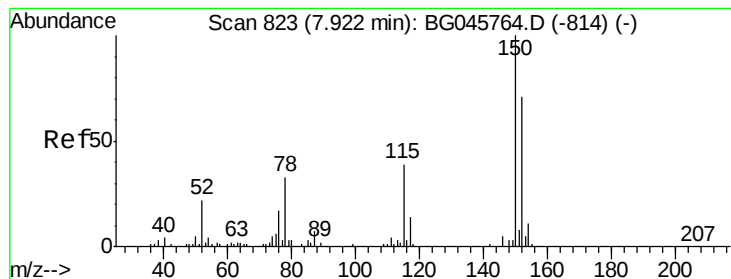
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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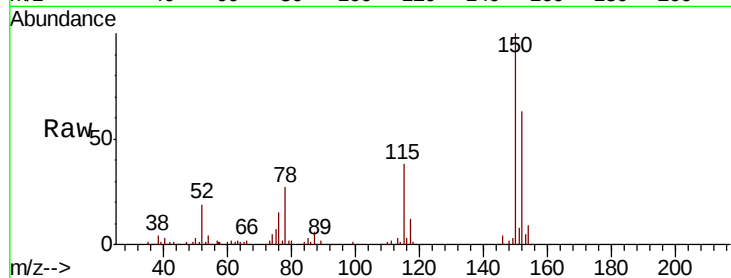


#1

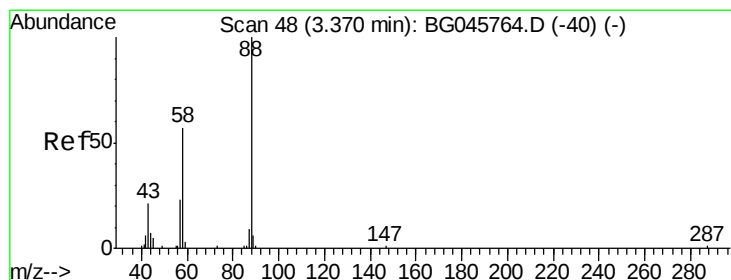
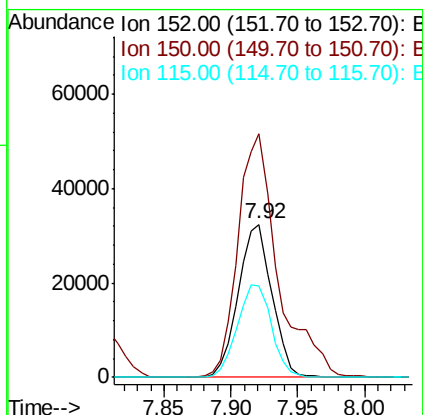
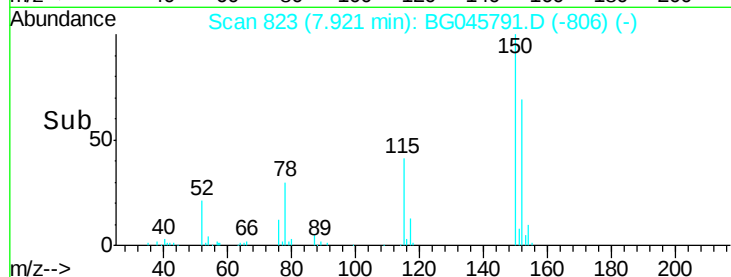
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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BNA_G
ClientSampleId :
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Tot Ion:152 Resp: 56617
Ion Ratio Lower Upper
152 100
150 159.1 113.1 169.7
115 60.0 43.8 65.6



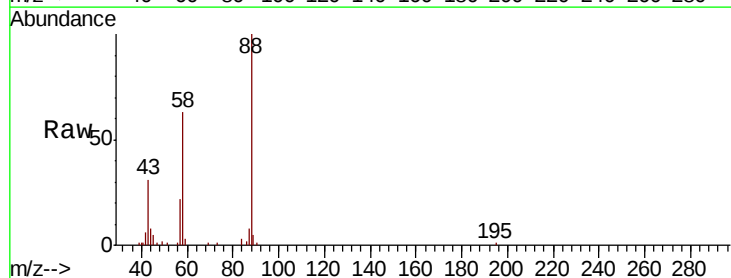
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



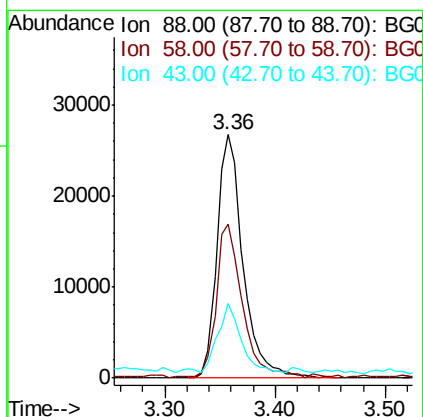
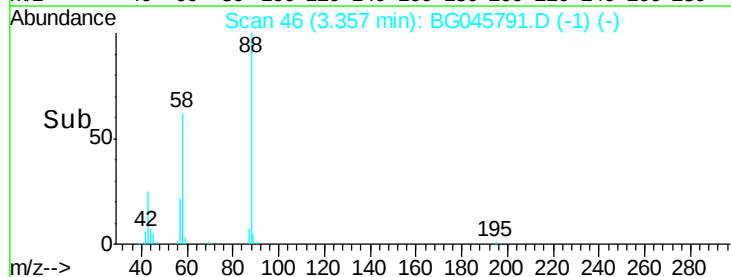
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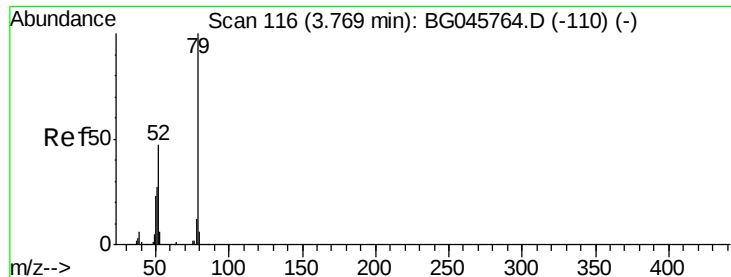
1,4-Dioxane
Concen: 28.538 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion: 88 Resp: 43808
Ion Ratio Lower Upper
88 100
58 64.1 46.1 69.1
43 26.8 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: 27.591 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

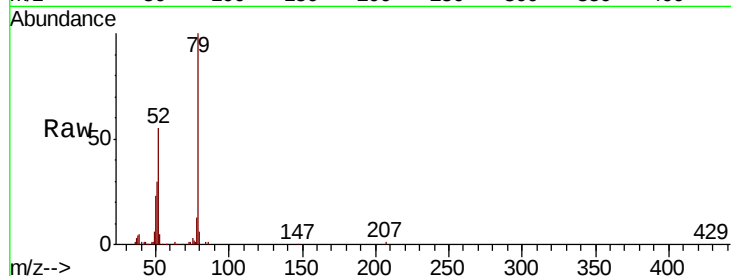
Tot Ion: 79 Resp: 125510

Ion Ratio Lower Upper

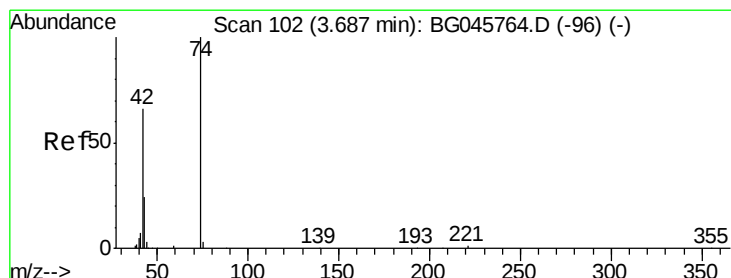
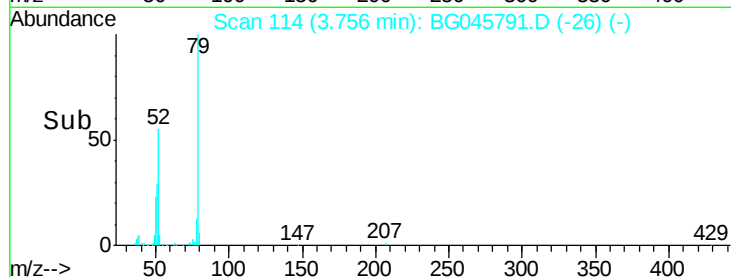
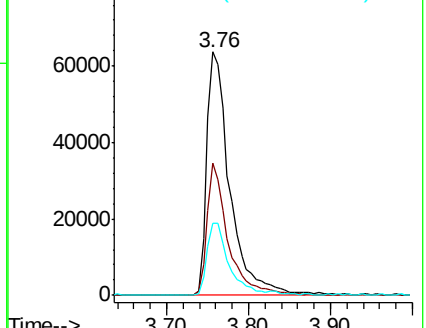
79 100

52 54.6 37.9 56.9

51 29.6 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: 34.550 ng

RT: 3.67 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

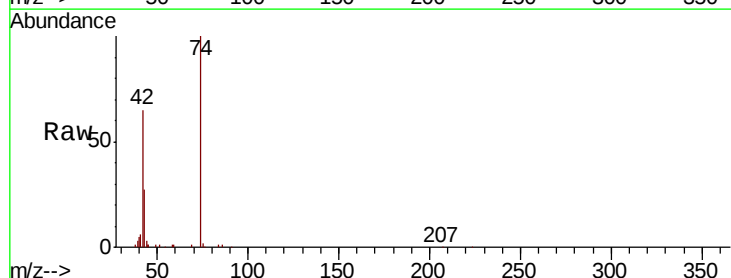
Tgt Ion: 42 Resp: 52755

Ion Ratio Lower Upper

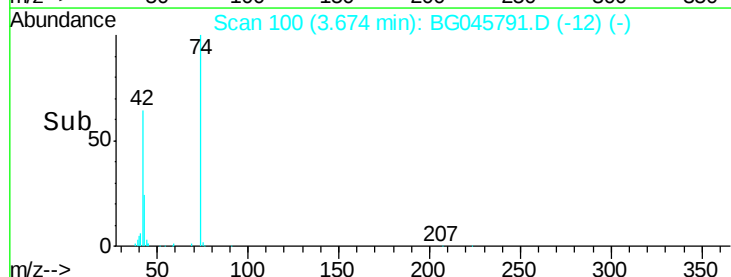
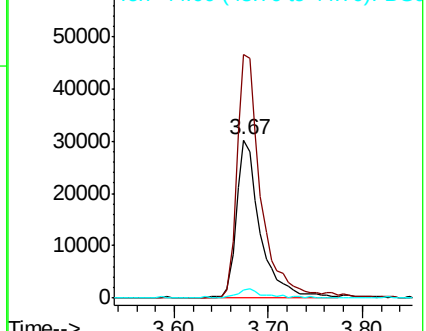
42 100

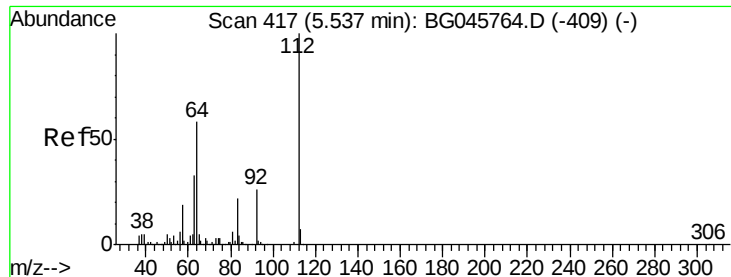
74 153.7 121.0 181.4

44 5.3 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: 103.565 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

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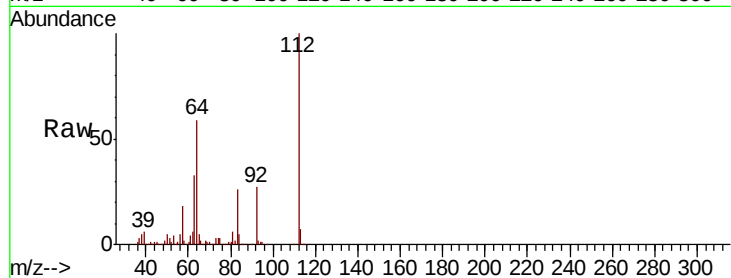
Tot Ion:112 Resp: 347111

Ion Ratio Lower Upper

112 100

64 59.1 46.6 69.8

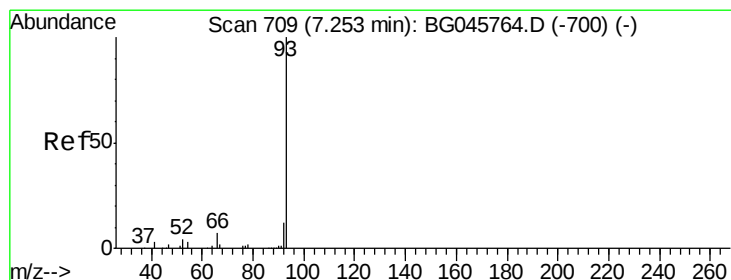
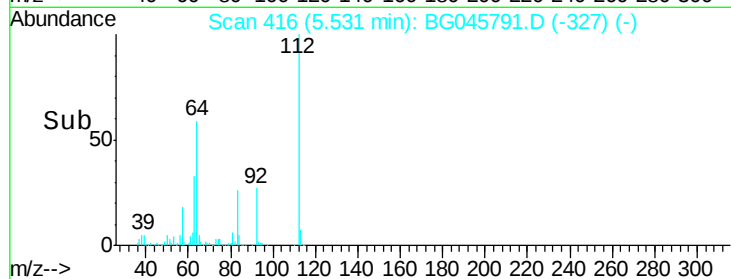
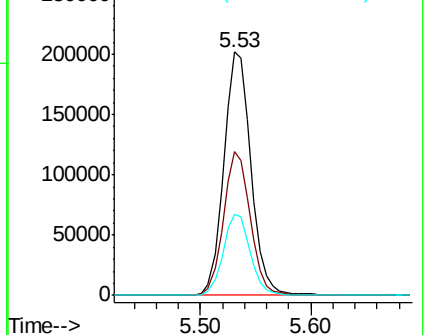
63 33.3 26.3 39.5



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: 16.991 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

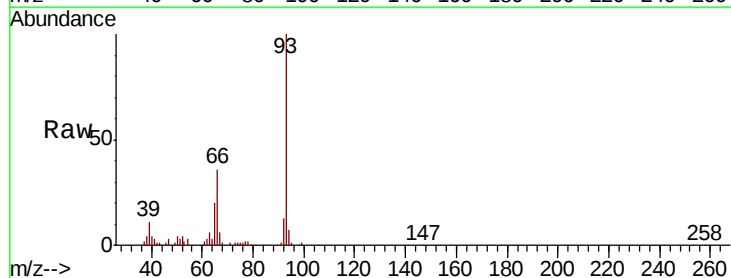
Tgt Ion: 93 Resp: 101993

Ion Ratio Lower Upper

93 100

66 35.7 30.0 45.0

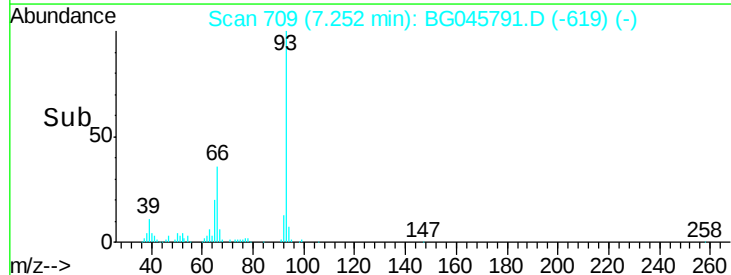
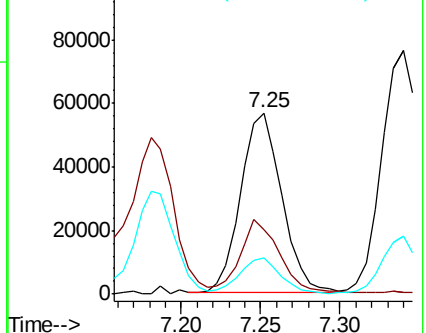
65 20.2 14.7 22.1

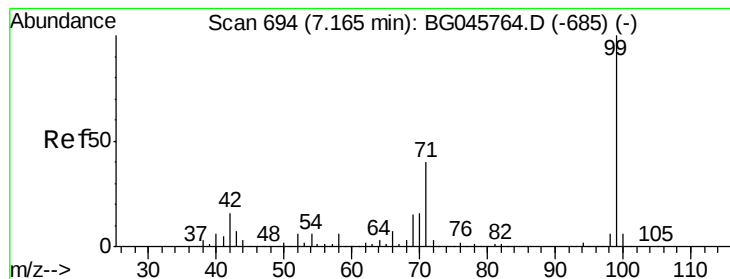


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.656 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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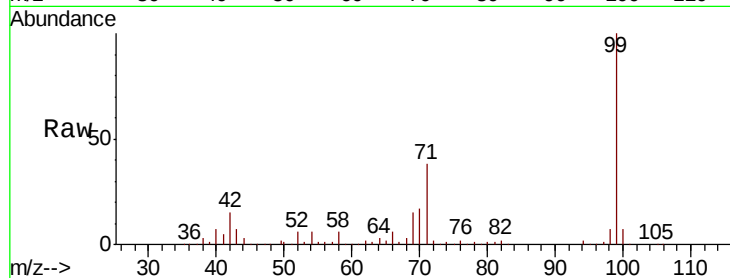
Tot Ion: 99 Resp: 513156

Ion Ratio Lower Upper

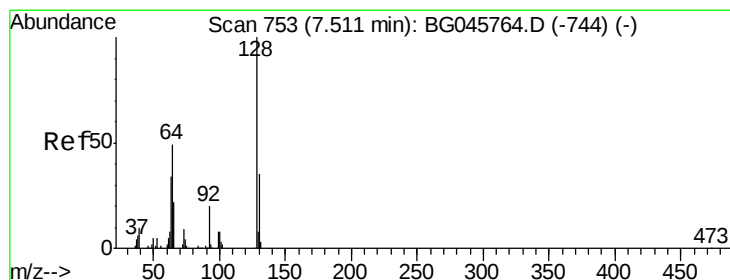
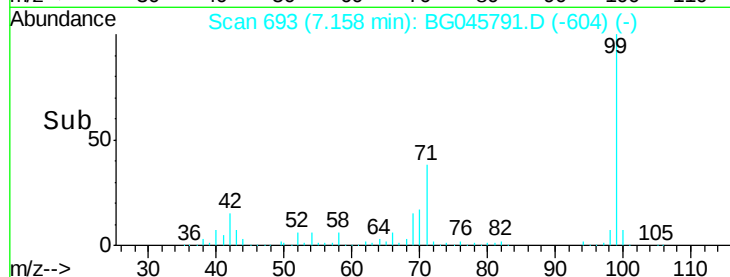
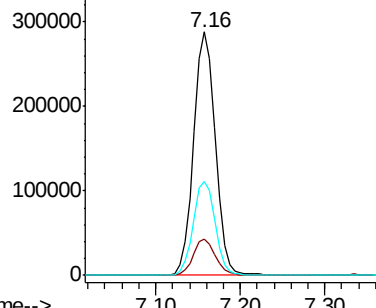
99 100

42 15.1 12.4 18.6

71 38.4 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: 38.433 ng

RT: 7.50 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045791.D

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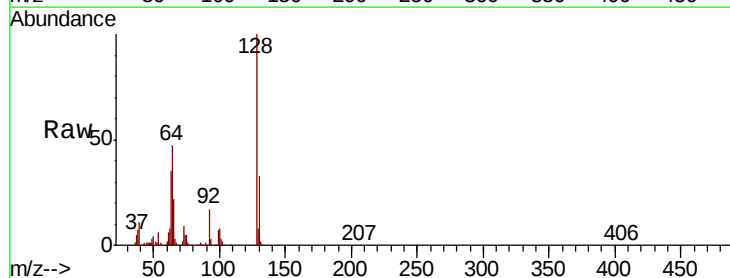
Tgt Ion:128 Resp: 137881

Ion Ratio Lower Upper

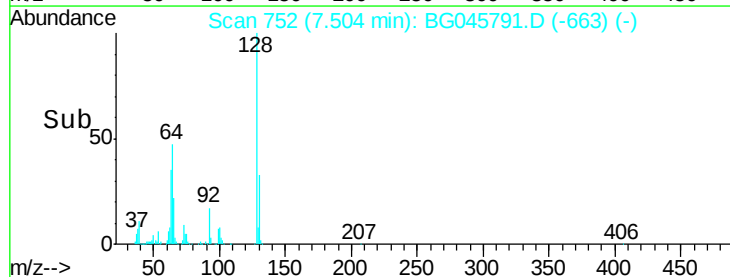
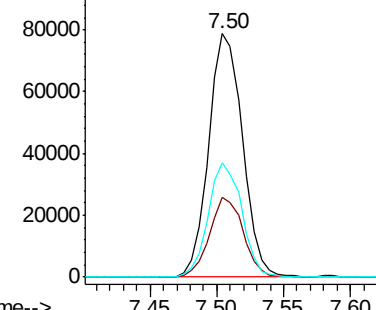
128 100

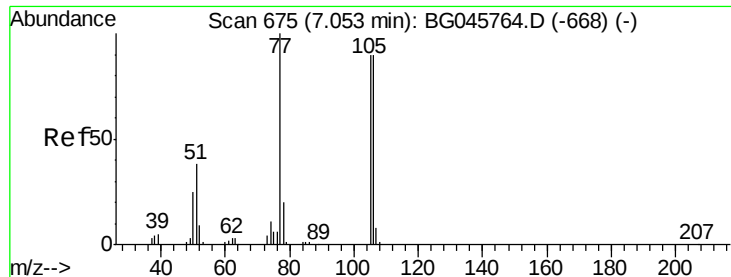
130 32.9 14.5 54.5

64 47.1 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: 27.757 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

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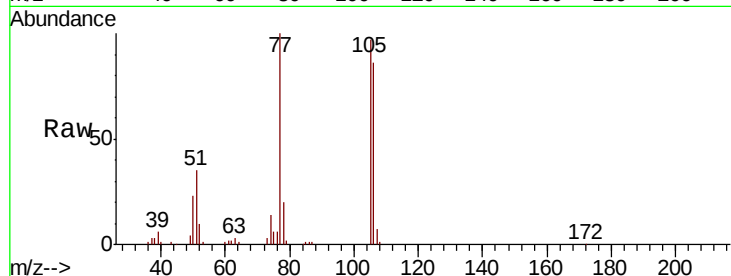
Tot Ion: 77 Resp: 84995

Ion Ratio Lower Upper

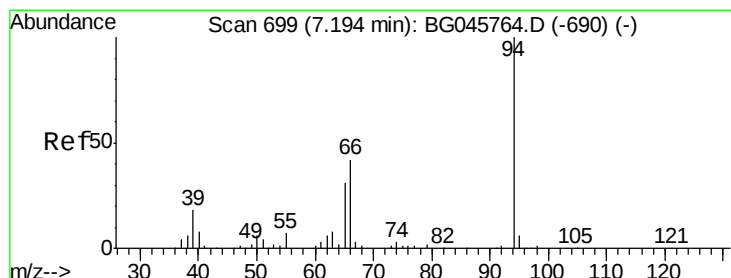
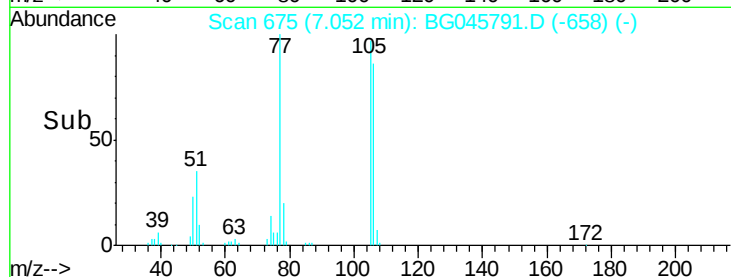
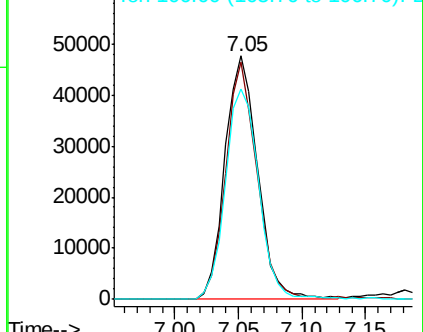
77 100

105 97.5 70.4 110.4

106 86.2 70.2 110.2



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



#10

Phenol

Concen: 37.740 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

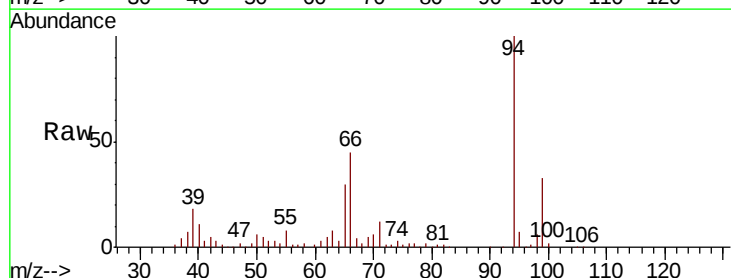
Tgt Ion: 94 Resp: 186427

Ion Ratio Lower Upper

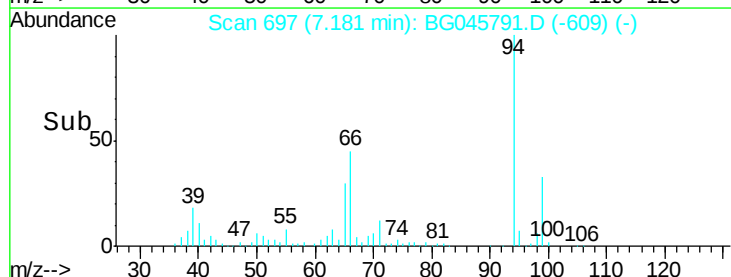
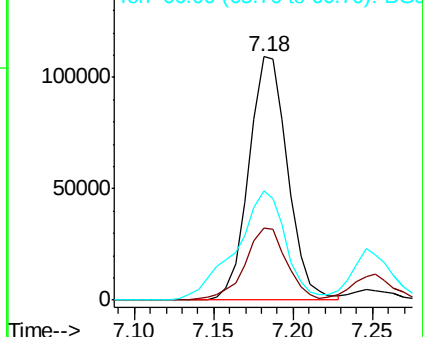
94 100

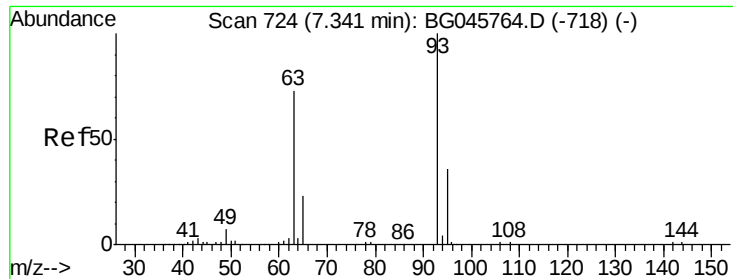
65 29.7 10.7 50.7

66 44.9 22.5 62.5



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





#11

bis(2-Chloroethyl)ether

Concen: 34.223 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

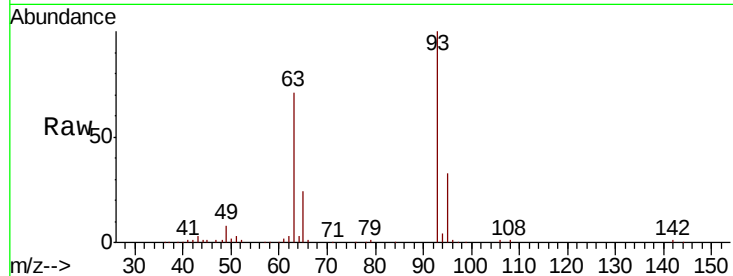
Tot Ion: 93 Resp: 128406

Ion Ratio Lower Upper

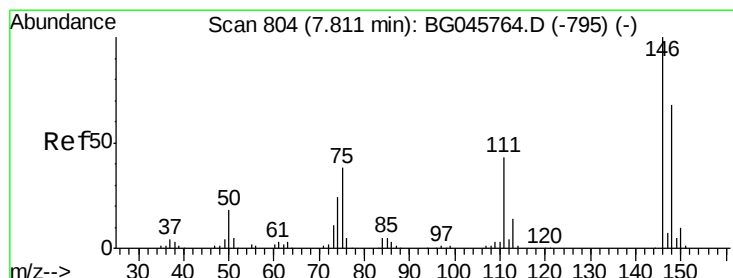
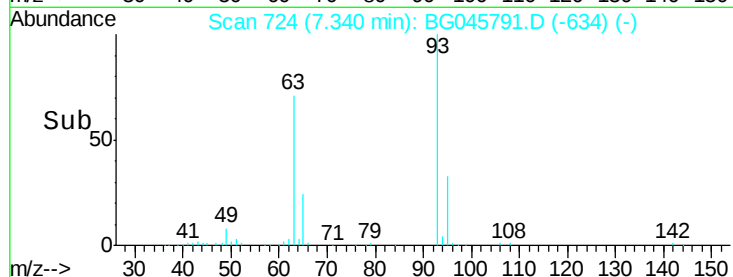
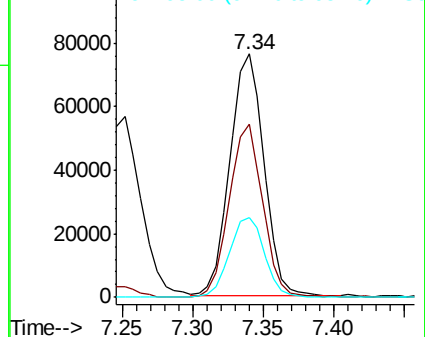
93 100

63 71.1 52.0 92.0

95 32.6 15.6 55.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 35.294 ng

RT: 7.81 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

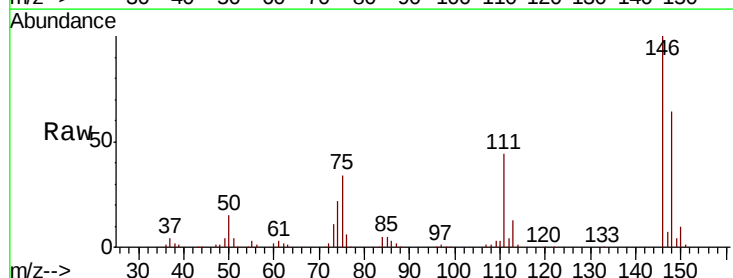
Tgt Ion: 146 Resp: 150894

Ion Ratio Lower Upper

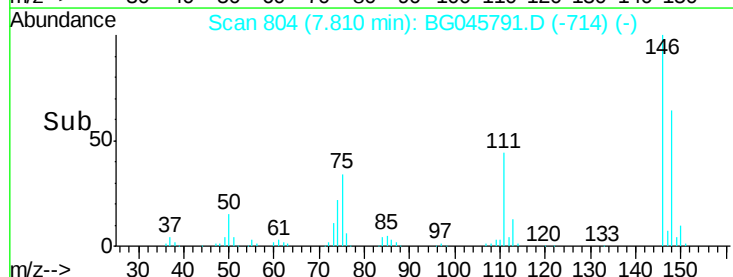
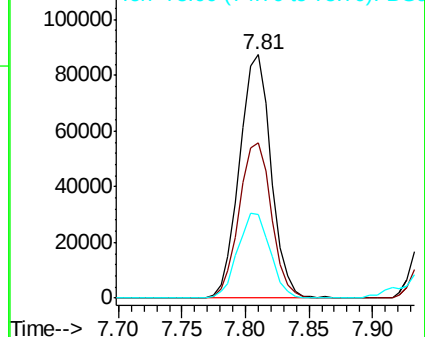
146 100

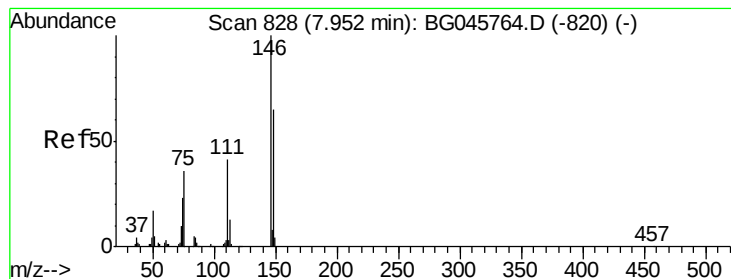
148 63.9 54.2 81.4

75 34.5 30.1 45.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 35.978 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

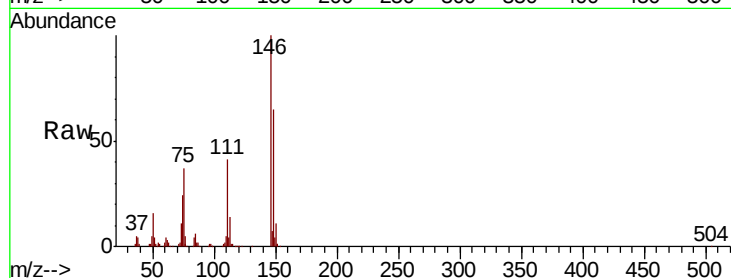
Tot Ion:146 Resp: 153640

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

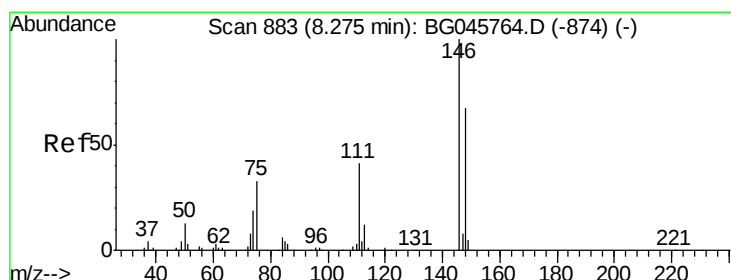
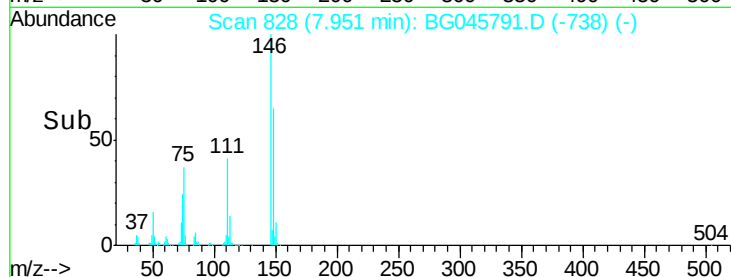
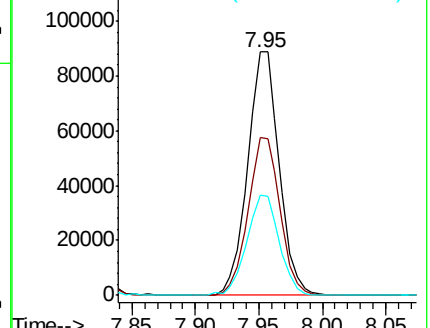
111 41.1 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.118 ng

RT: 8.27 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

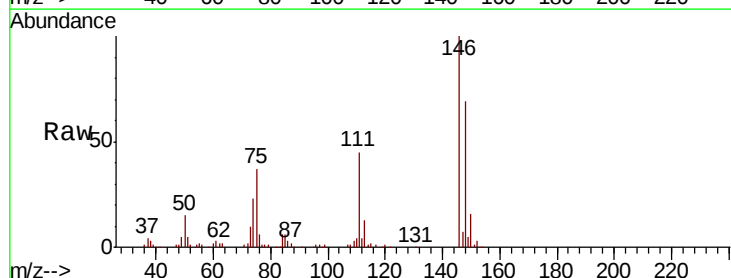
Tgt Ion:146 Resp: 143571

Ion Ratio Lower Upper

146 100

148 68.7 54.1 81.1

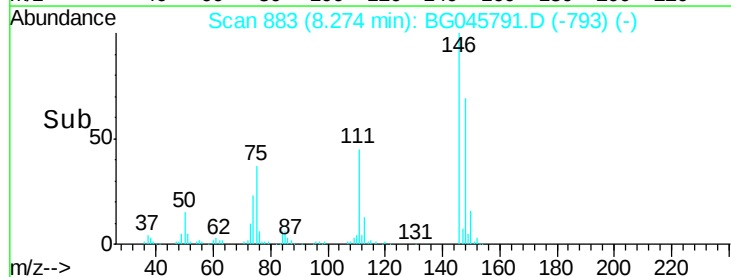
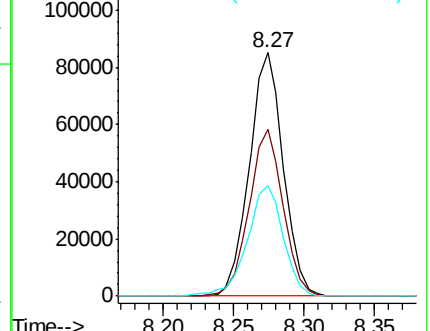
111 45.4 32.9 49.3

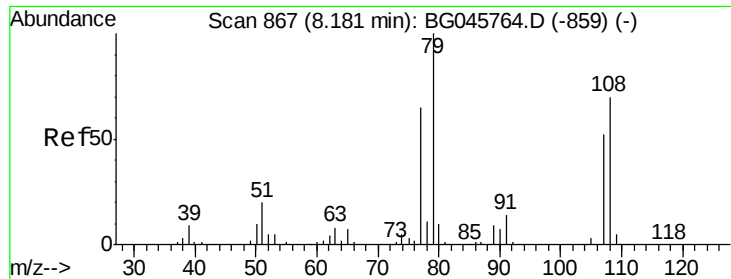


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.735 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

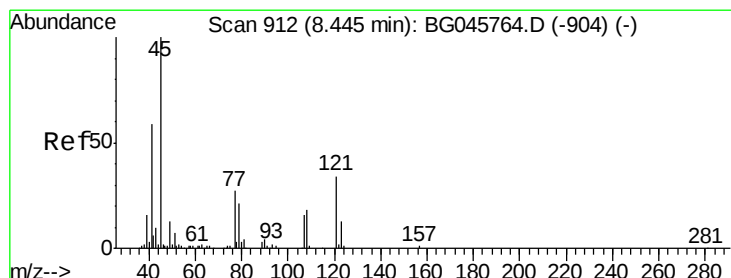
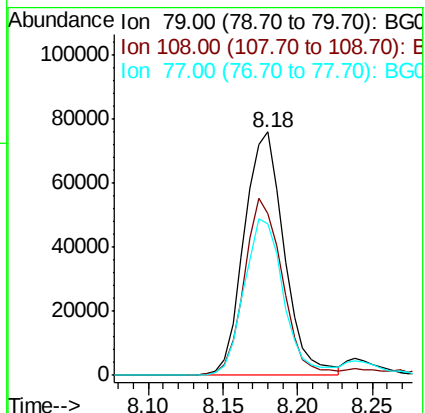
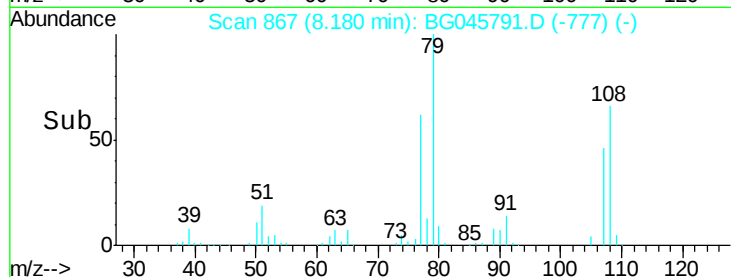
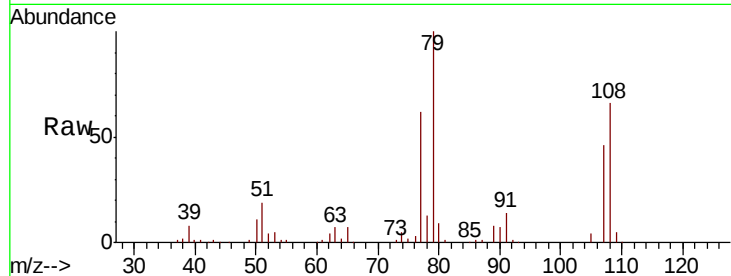
Tot Ion: 79 Resp: 140983

Ion Ratio Lower Upper

79 100

108 66.3 56.2 84.4

77 62.3 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.865 ng

RT: 8.44 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

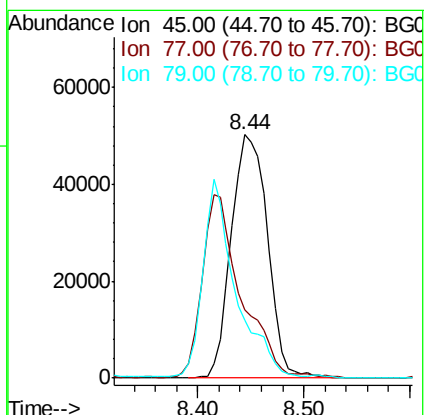
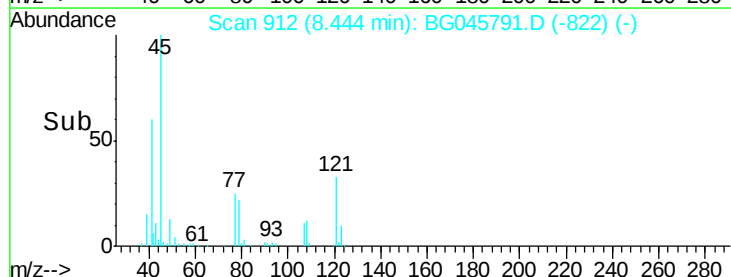
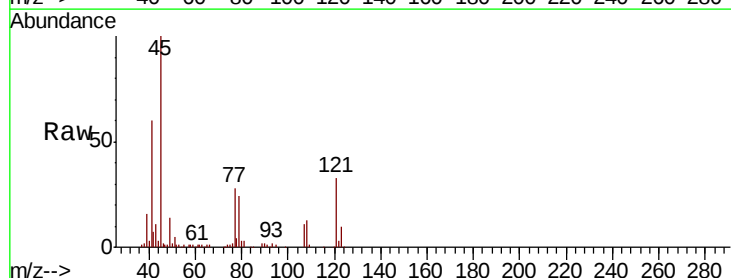
Tgt Ion: 45 Resp: 119752

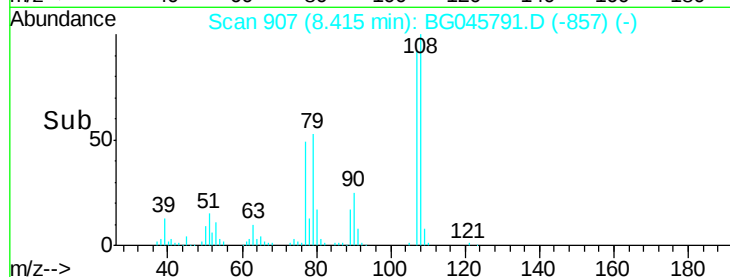
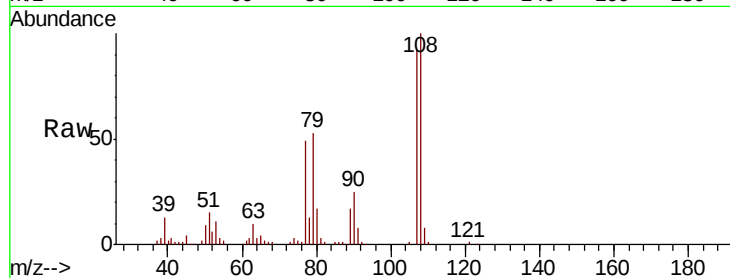
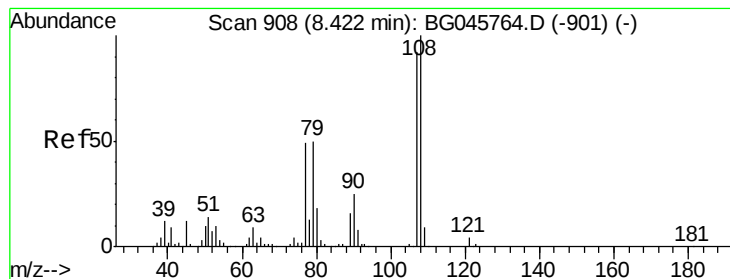
Ion Ratio Lower Upper

45 100

77 28.3 14.9 54.9

79 23.8 9.2 49.2





#17

2-Methylphenol

Concen: 33.543 ng

RT: 8.41 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion:107 Resp: 123310

Ion Ratio Lower Upper

107 100

108 109.1 87.4 131.0

77 53.2 42.5 63.7

79 57.9 44.0 66.0

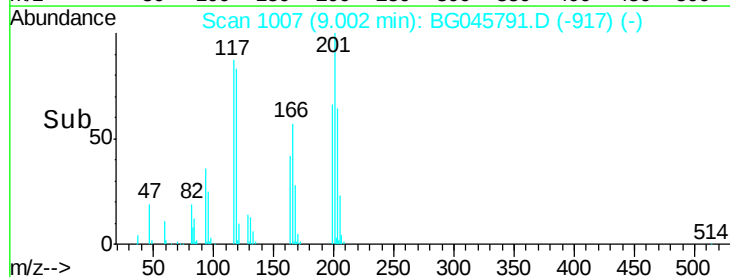
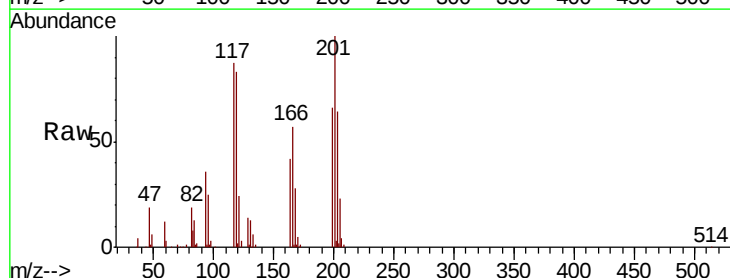
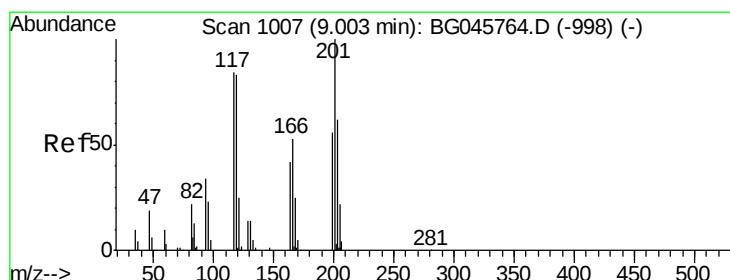
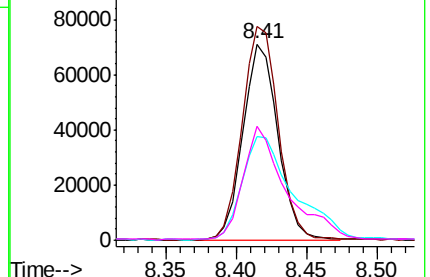
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->



#18

Hexachloroethane

Concen: 36.440 ng

RT: 9.00 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion:117 Resp: 59102

Ion Ratio Lower Upper

117 100

119 94.7 78.9 118.3

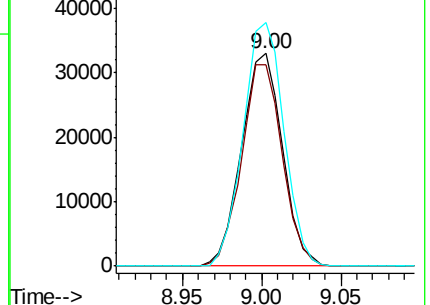
201 114.4 95.5 143.3

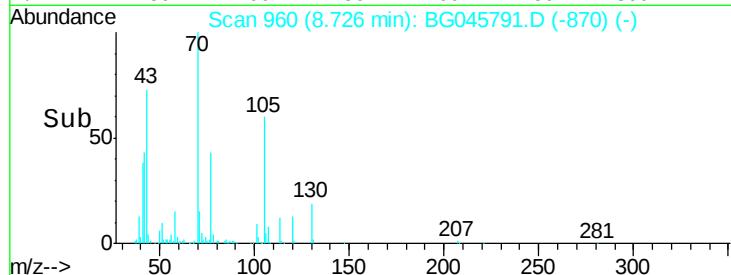
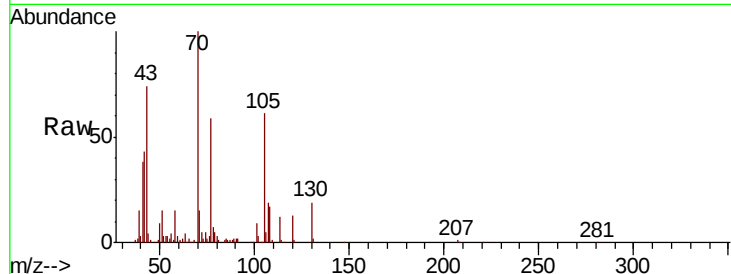
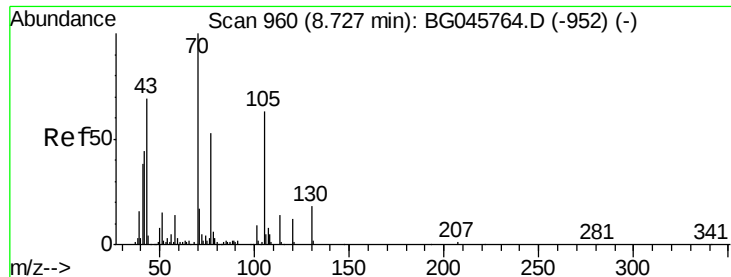
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

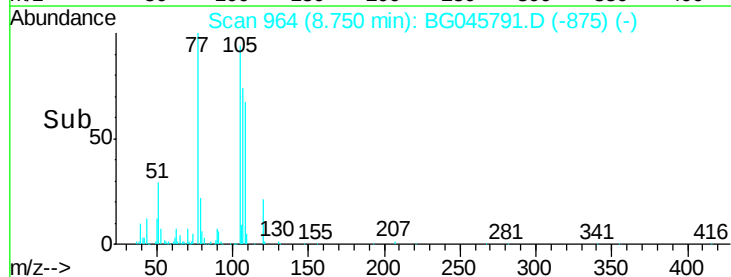
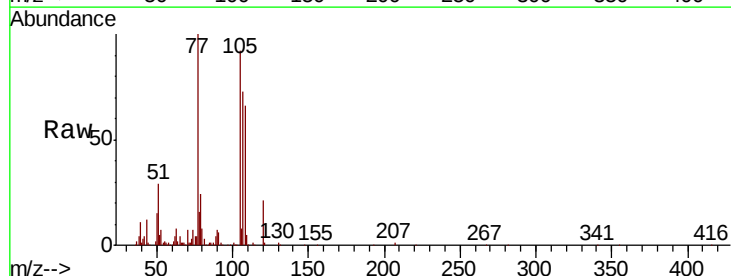
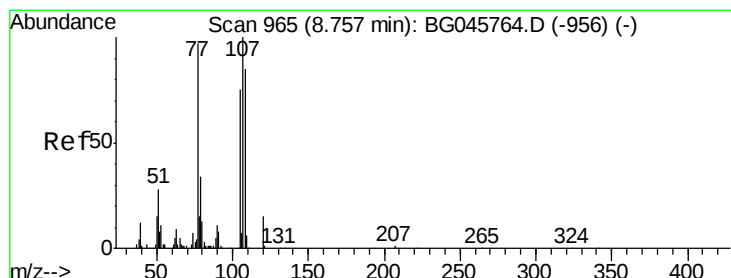
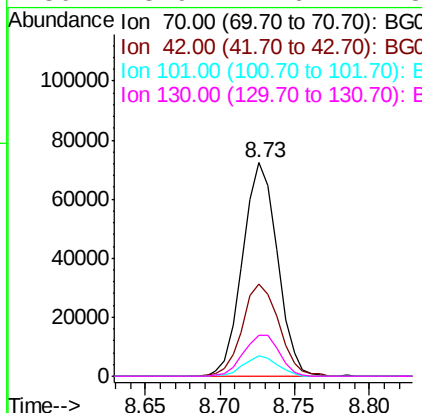




#19
n-Nitroso-di-n-propylamine
Concen: 34.851 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

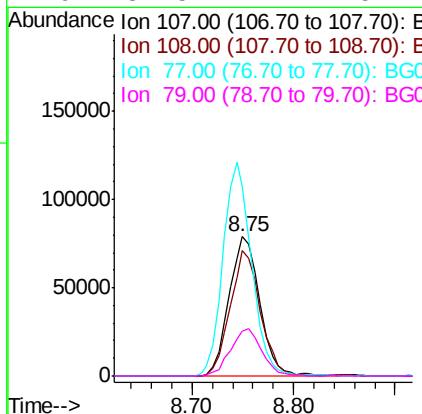
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

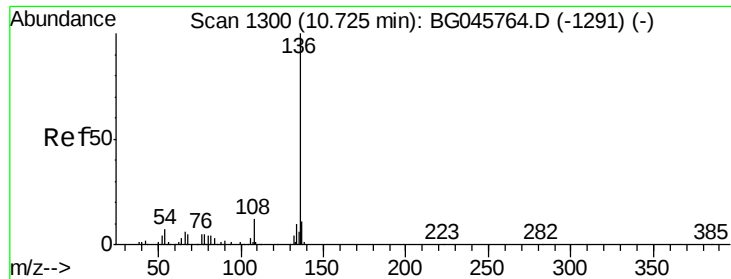
Tot Ion:	70	Resp:	116809
Ion	Ratio	Lower	Upper
70	100		
42	43.0	35.1	52.7
101	9.4	7.4	11.0
130	18.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 34.264 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion:	107	Resp:	165656
Ion	Ratio	Lower	Upper
107	100		
108	90.2	65.4	105.4
77	136.3	77.2	117.2#
79	32.5	14.2	54.2

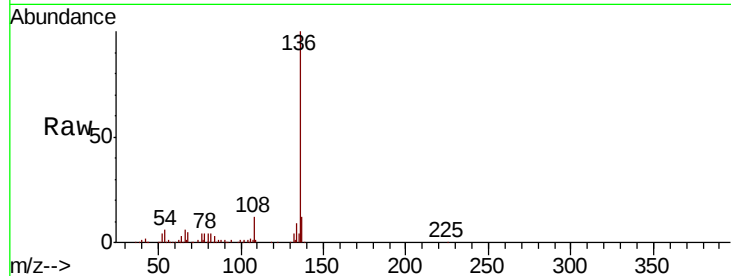




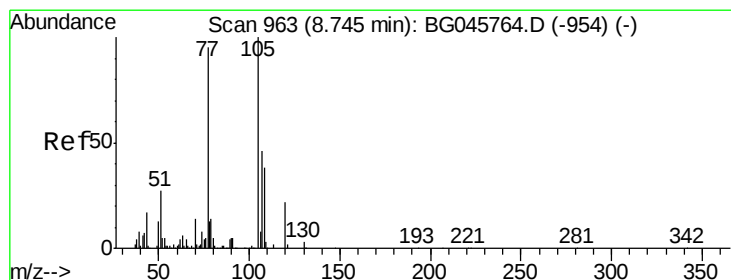
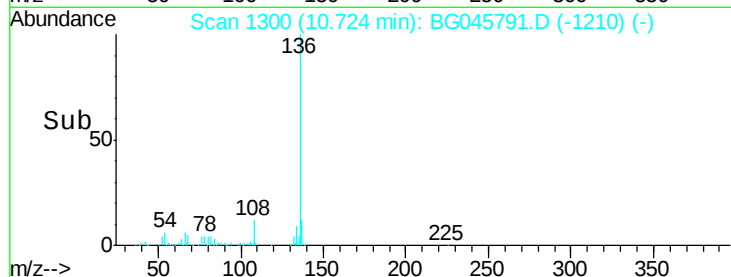
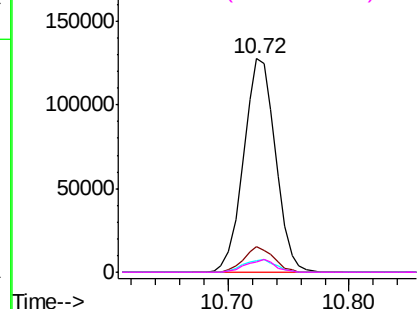
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion:136	Resp:	234674
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.7	13.1
54 5.5	5.8	8.6#
68 4.7	4.0	6.0

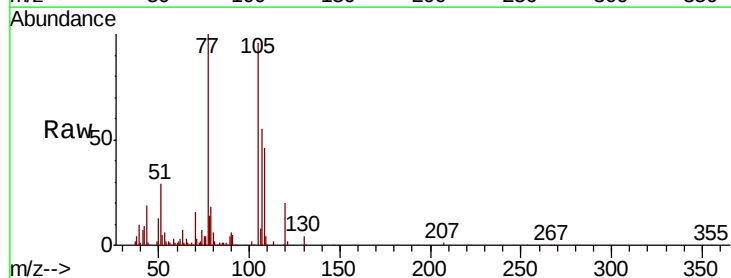


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

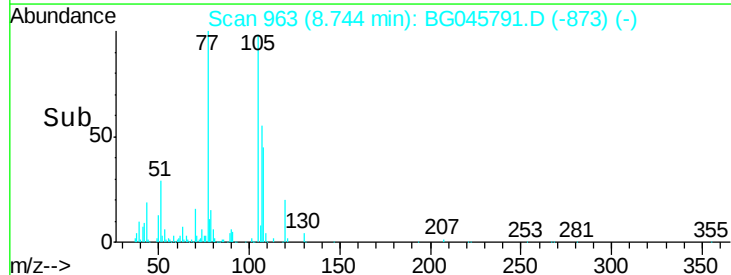
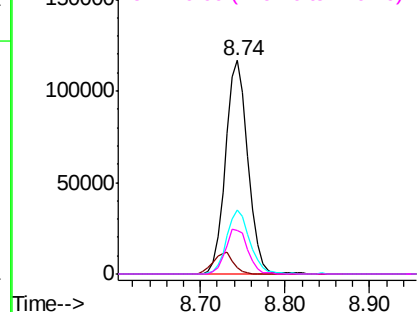


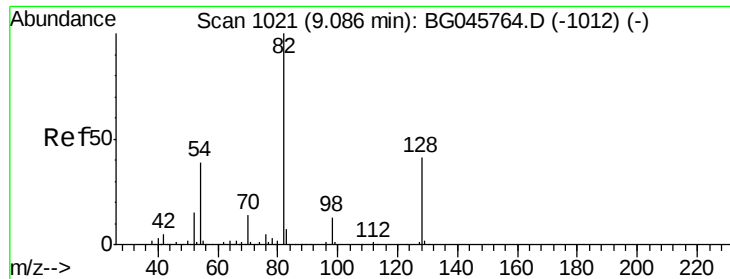
#22
Acetophenone
Concen: 33.018 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt	Ion:105	Resp:	212670
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.8	2.8#
51	29.9	21.9	32.9
120	20.3	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

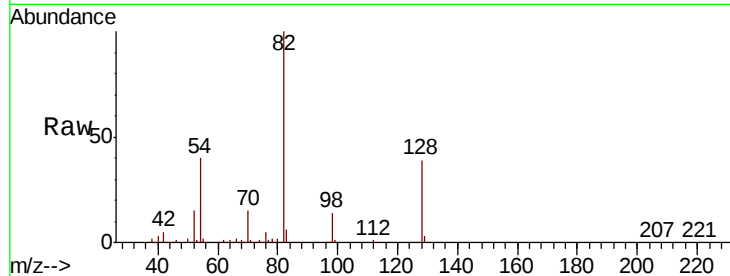




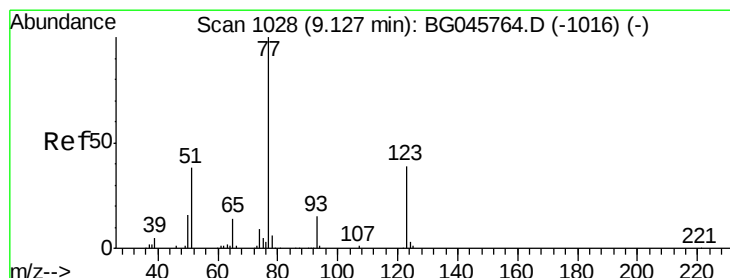
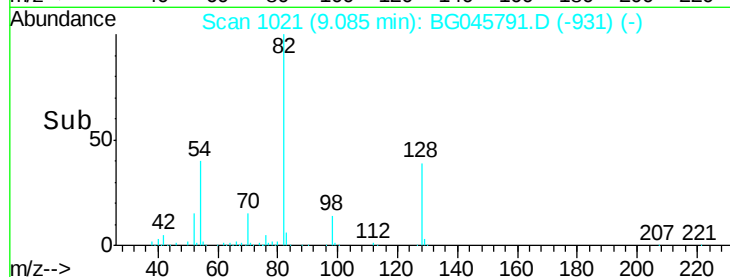
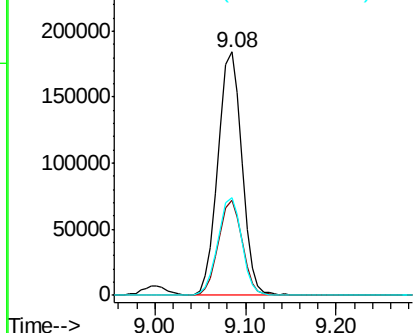
#23
Nitrobenzene-d5
Concen: 65.803 ng
RT: 9.08 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	82	Resp	338026
Ion Ratio	100	Lower	Upper
128	39.0	32.5	48.7
54	39.9	31.2	46.8

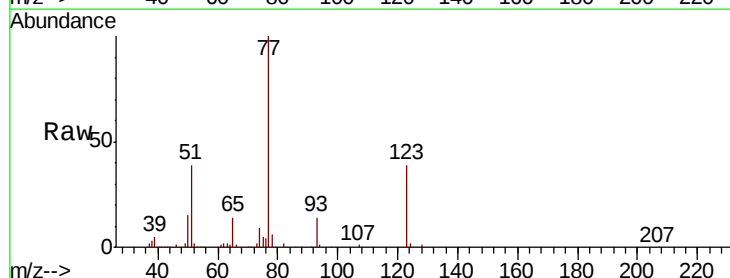


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

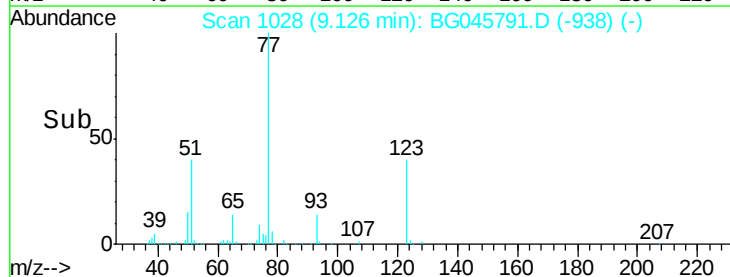
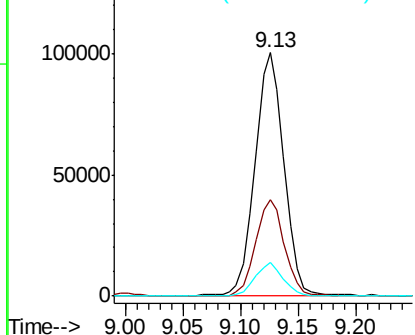


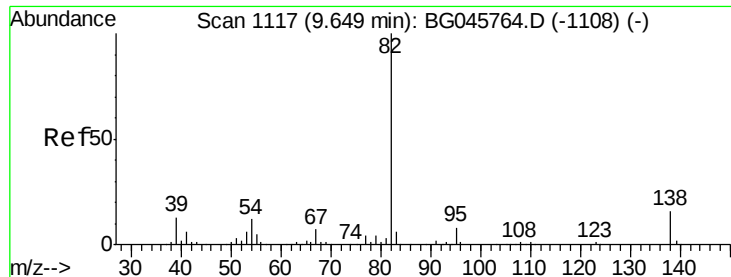
#24
Nitrobenzene
Concen: 32.109 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	77	Resp	175868
Ion Ratio	100	Lower	Upper
123	39.4	31.2	46.8
65	13.8	11.4	17.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 32.045 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

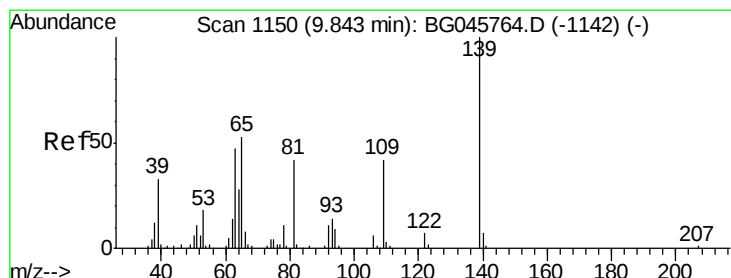
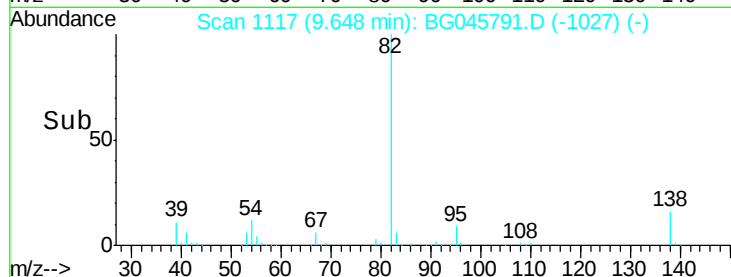
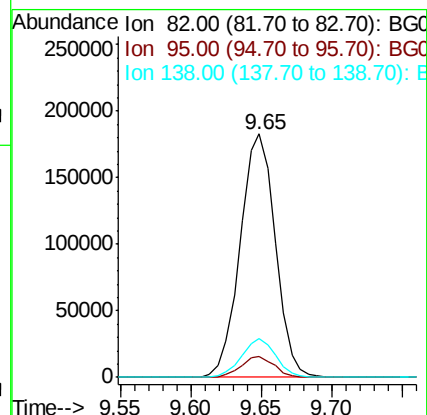
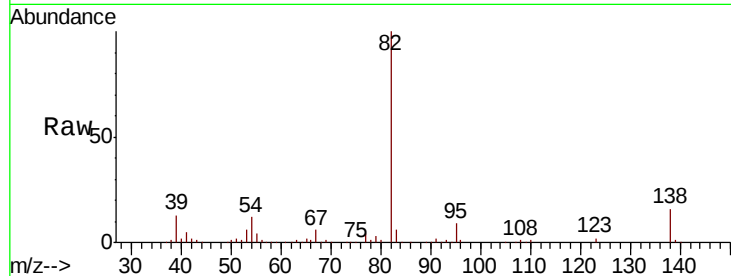
Tot Ion: 82 Resp: 318679

Ion Ratio Lower Upper

82 100

95 8.7 6.2 9.4

138 15.8 12.6 18.8



#26

2-Nitrophenol

Concen: 34.417 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

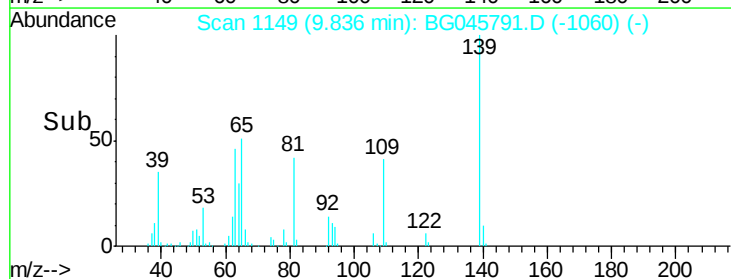
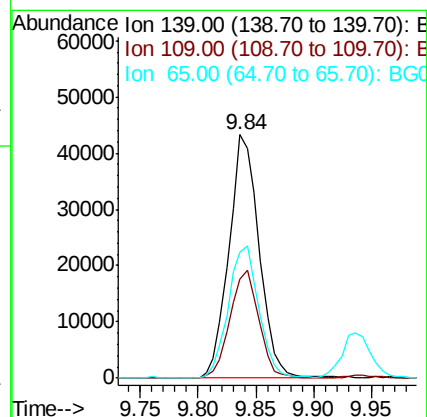
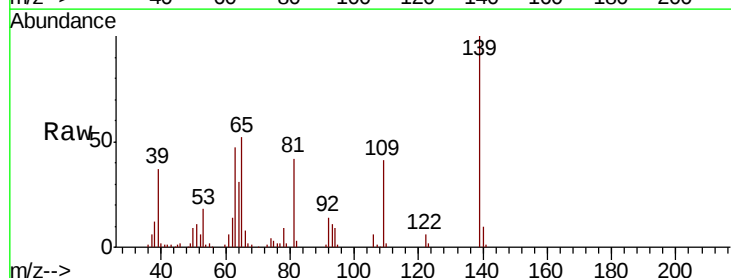
Tgt Ion: 139 Resp: 78535

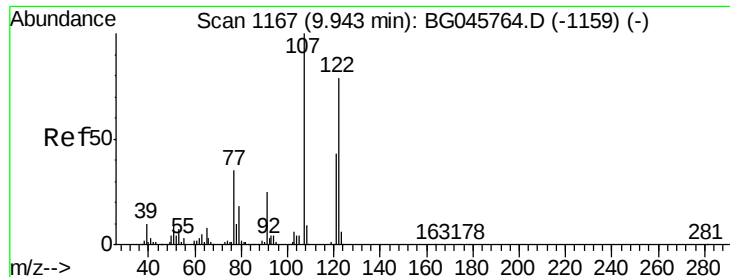
Ion Ratio Lower Upper

139 100

109 40.9 33.5 50.3

65 51.6 42.2 63.4

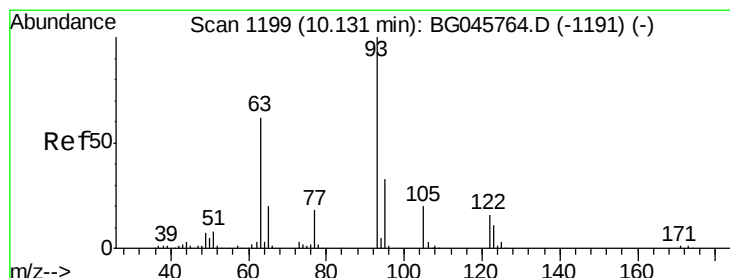
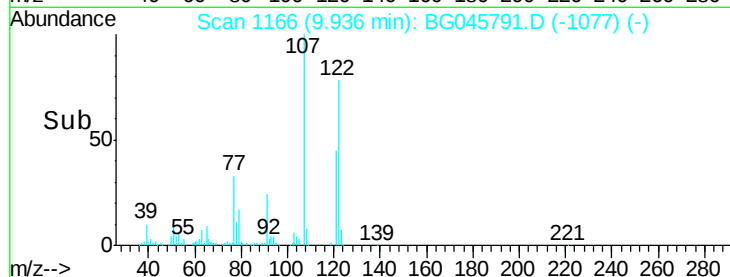
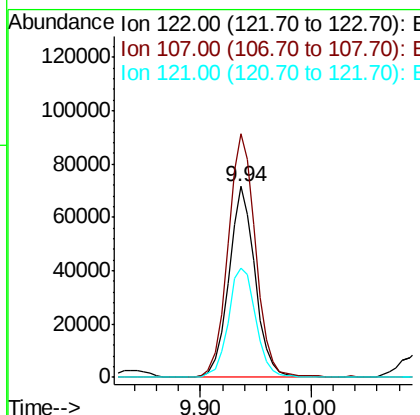
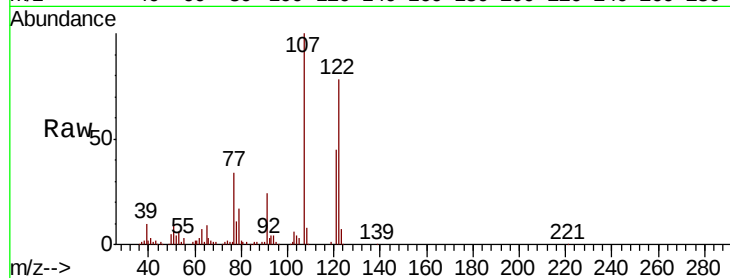




#27
 2,4-Dimethylphenol
 Concen: 34.121 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

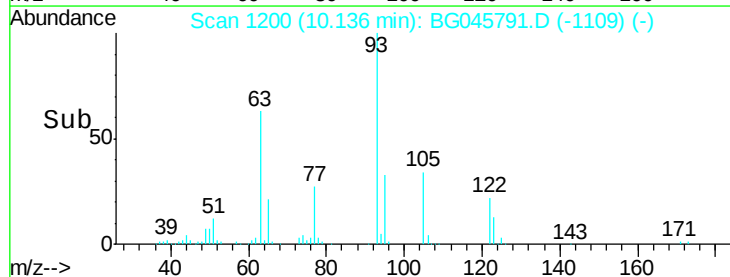
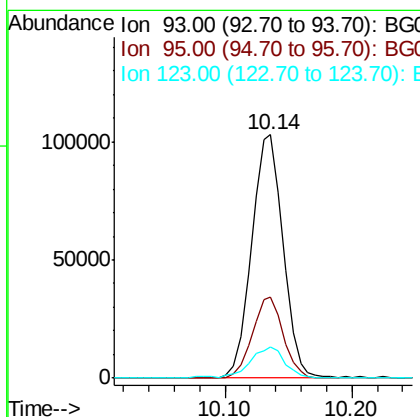
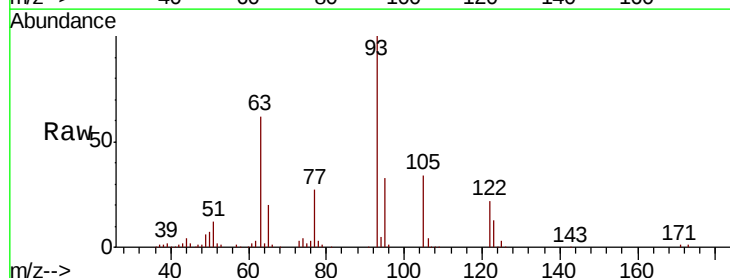
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MS

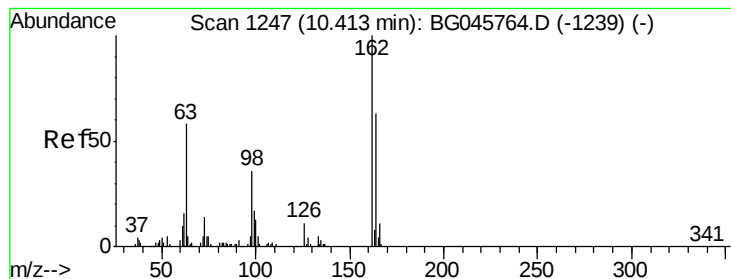
Tot Ion:122 Resp: 118874
 Ion Ratio Lower Upper
 122 100
 107 127.7 101.3 151.9
 121 57.6 43.9 65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.233 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion: 93 Resp: 177829
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 12.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 35.211 ng

RT: 10.41 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

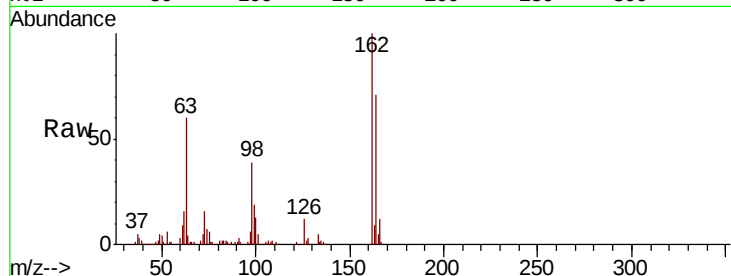
Tot Ion:162 Resp: 143121

Ion Ratio Lower Upper

162 100

164 71.2 43.3 83.3

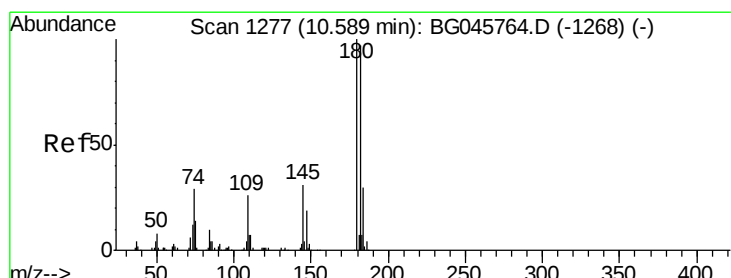
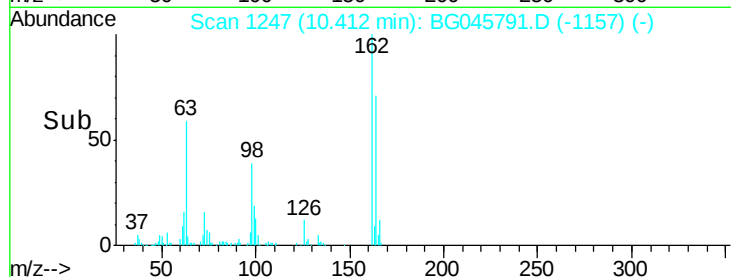
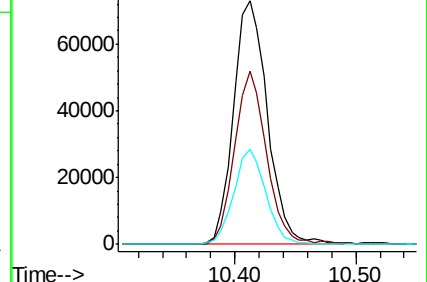
98 38.9 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 33.037 ng

RT: 10.59 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

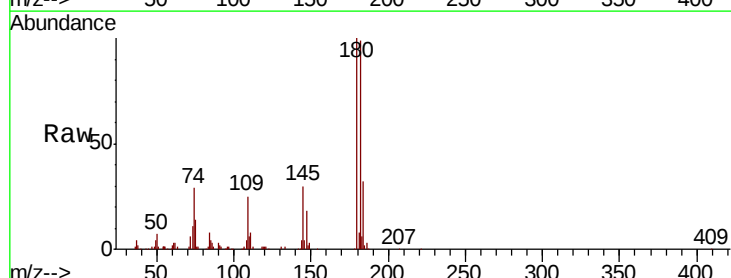
Tgt Ion:180 Resp: 158972

Ion Ratio Lower Upper

180 100

182 98.6 77.8 116.6

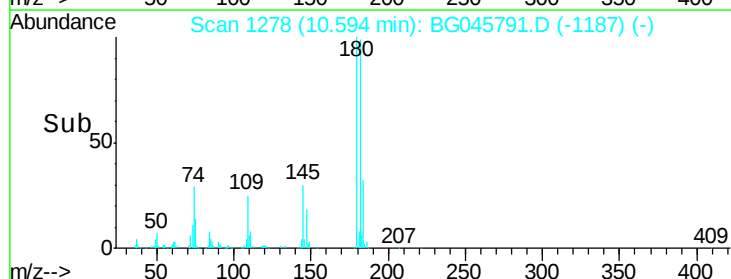
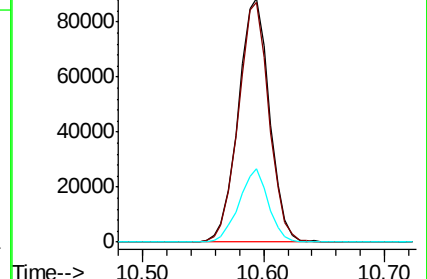
145 30.2 24.5 36.7

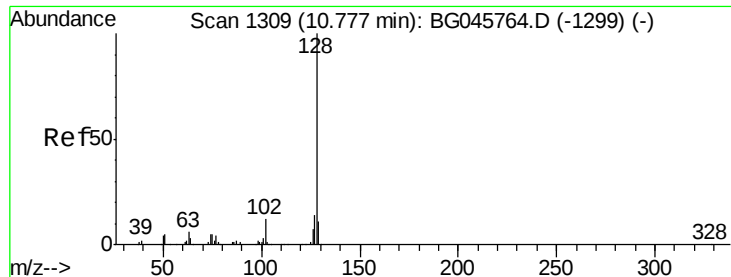


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 33.247 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

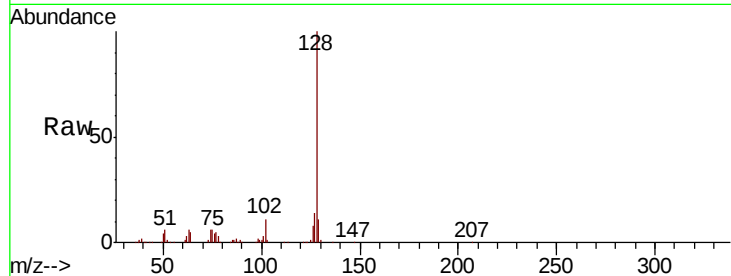
Tot Ion:128 Resp: 426555

Ion Ratio Lower Upper

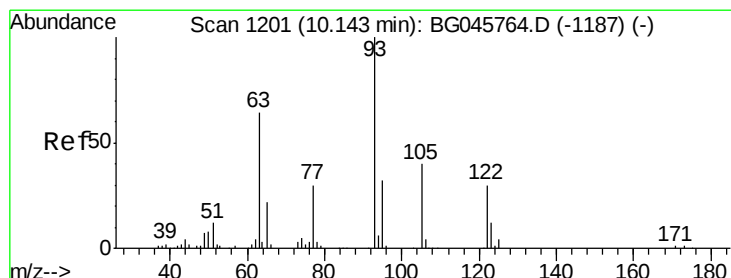
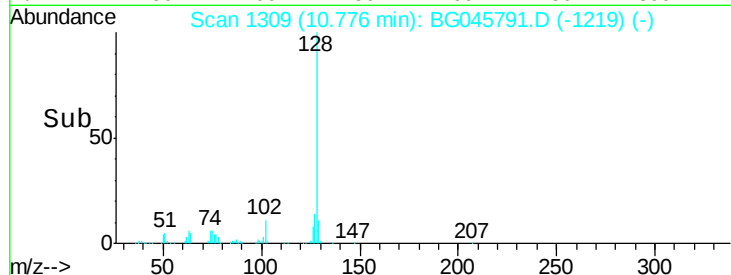
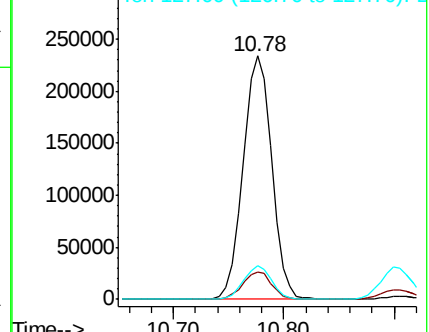
128 100

129 11.4 8.6 13.0

127 13.9 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: 41.521 ng

RT: 10.14 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

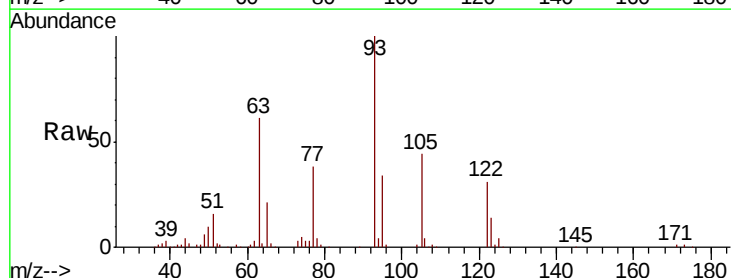
Tgt Ion:122 Resp: 90445

Ion Ratio Lower Upper

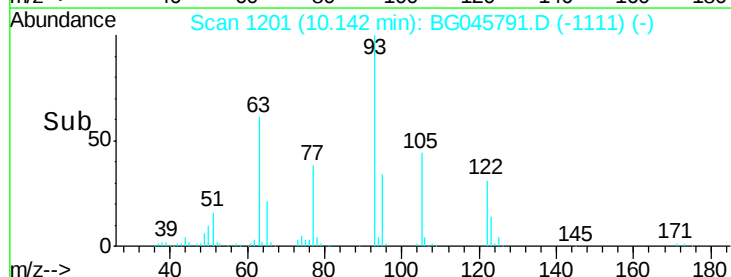
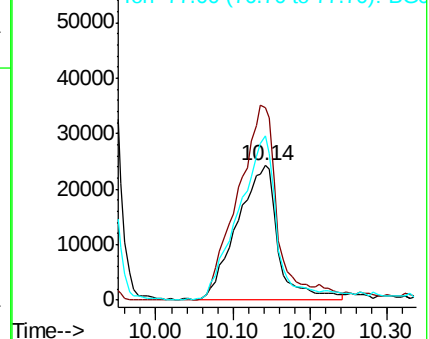
122 100

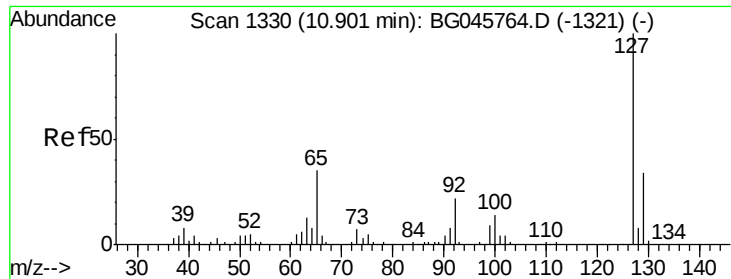
105 143.4 112.9 152.9

77 122.4 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

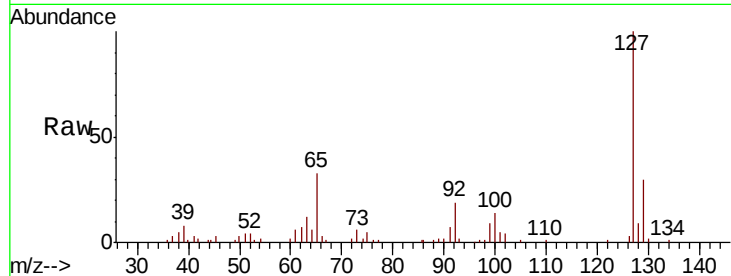




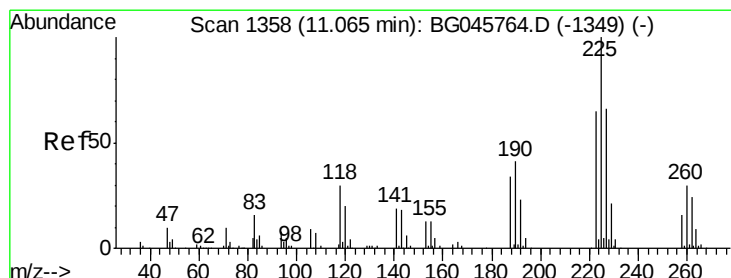
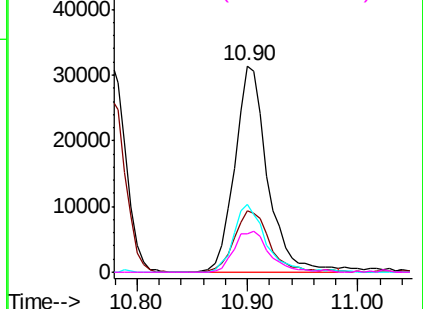
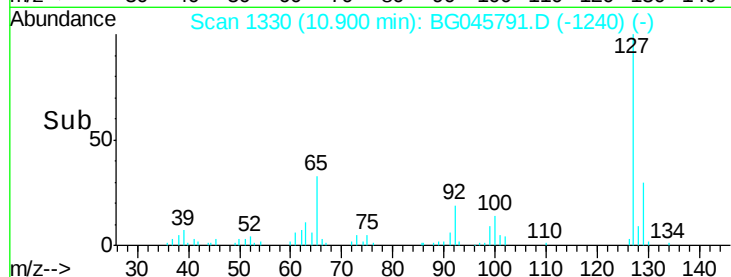
#33
4-Chloroaniline
Concen: 12.163 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion:127	Resp:	65347
Ion Ratio	Lower	Upper
127	100	
129	29.9	26.8 40.2
65	32.7	27.8 41.8
92	18.8	17.3 25.9

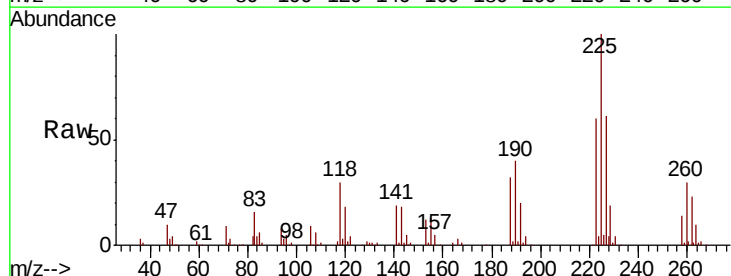


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

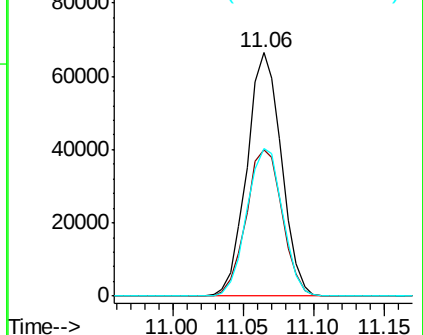
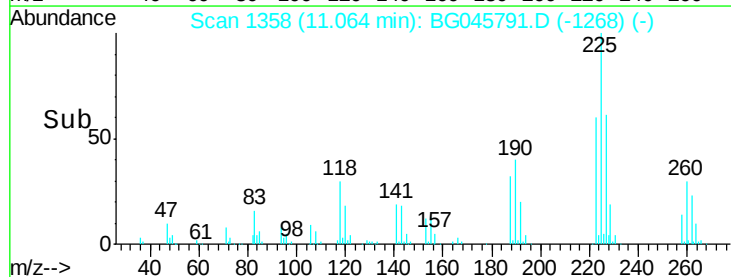


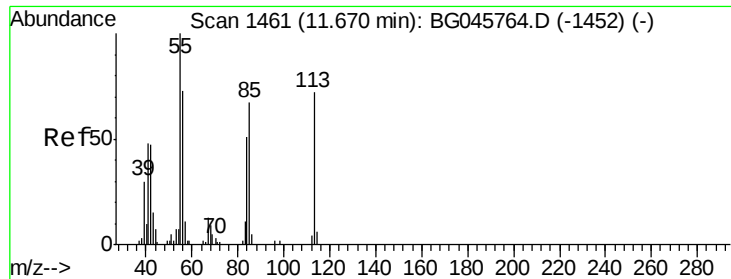
#34
Hexachlorobutadiene
Concen: 33.323 ng
RT: 11.06 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion:225	Resp:	114036
Ion Ratio	Lower	Upper
225	100	
223	60.3	52.0 78.0
227	60.7	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: 24.962 ng

RT: 11.66 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

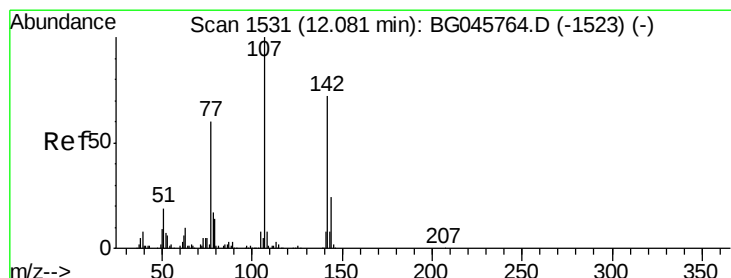
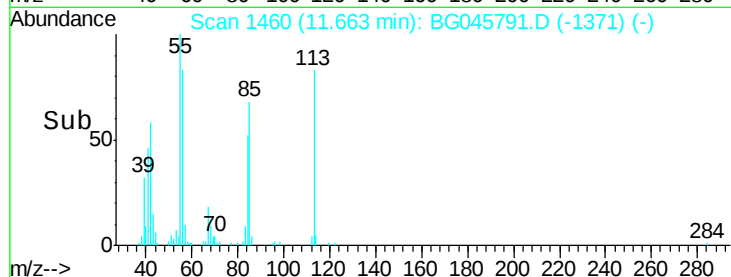
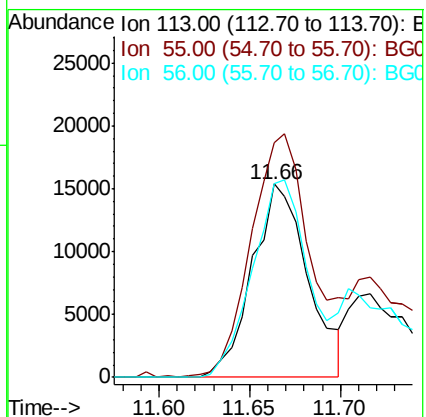
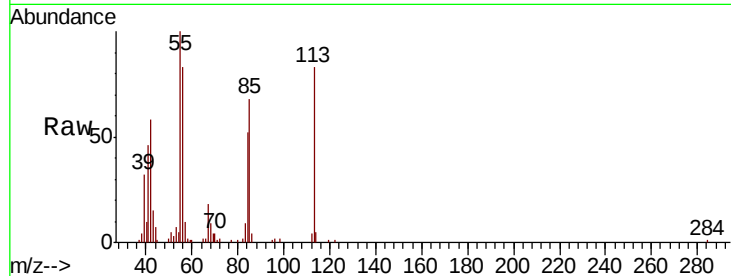
Tot Ion:113 Resp: 32833

Ion Ratio Lower Upper

113 100

55 121.0 119.7 159.7

56 100.4 82.5 122.5



#36

4-Chloro-3-methylphenol

Concen: 35.449 ng

RT: 12.07 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

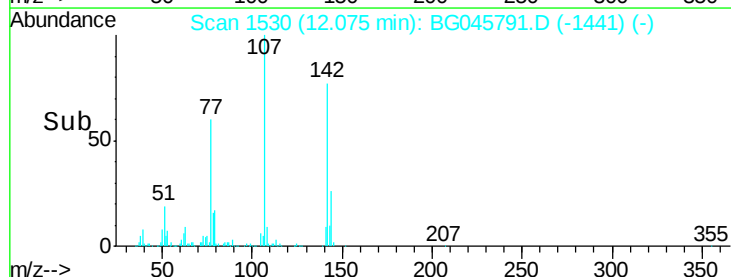
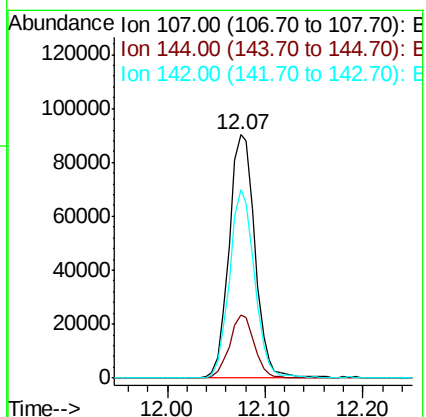
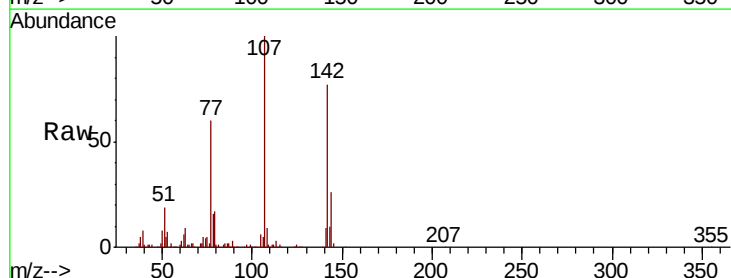
Tgt Ion:107 Resp: 166367

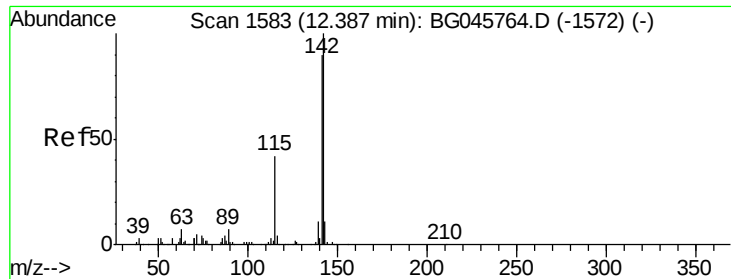
Ion Ratio Lower Upper

107 100

144 25.8 19.5 29.3

142 77.4 57.4 86.0

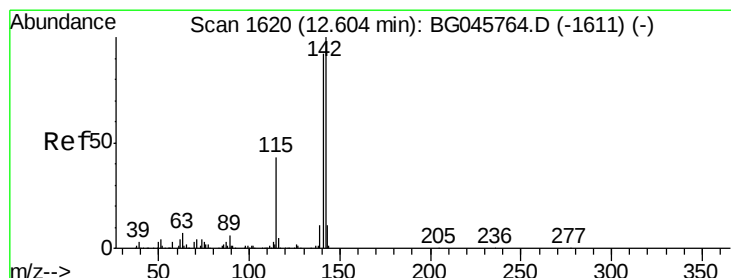
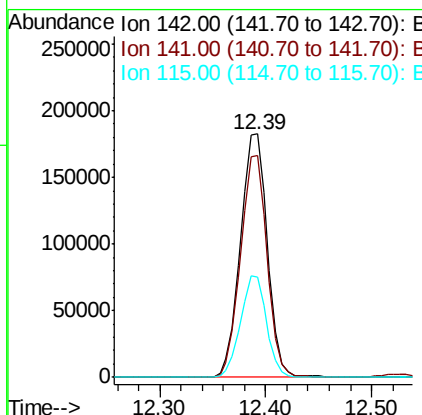
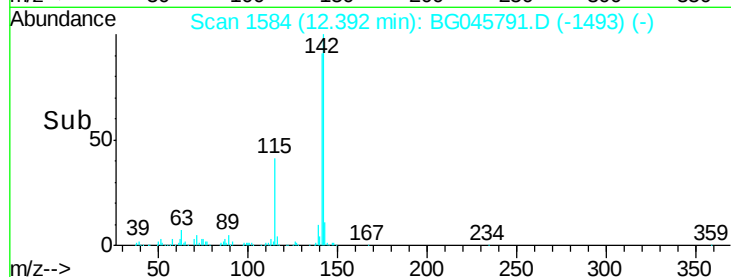
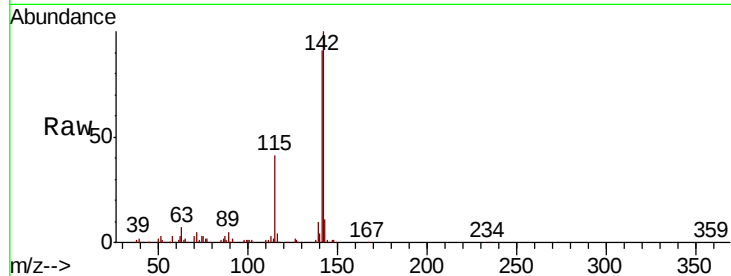




#37
2-Methylnaphthalene
Concen: 33.728 ng
RT: 12.39 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

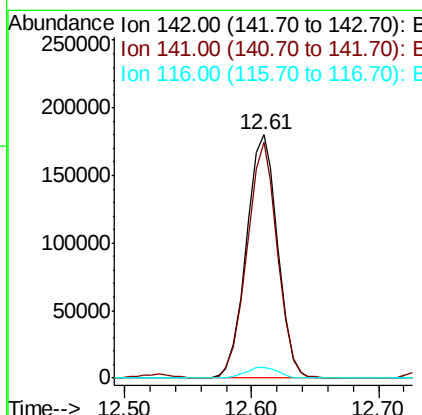
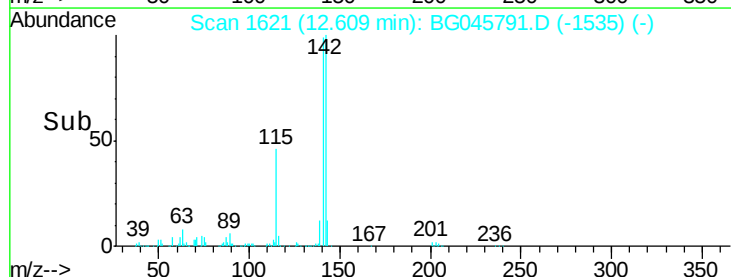
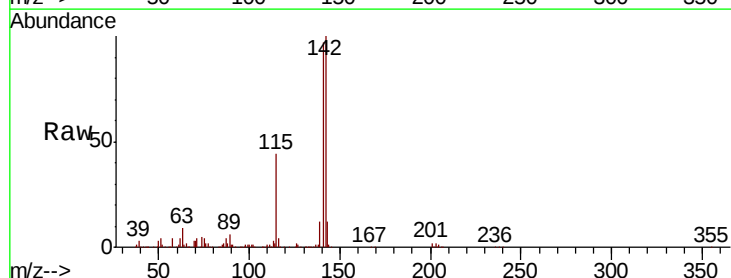
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

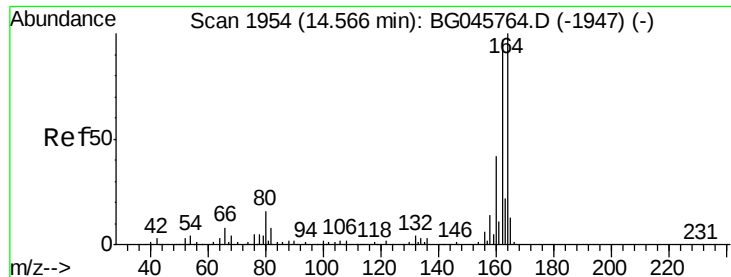
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.7	107.5
115	41.4	33.8	50.6



#38
1-Methylnaphthalene
Concen: 33.927 ng
RT: 12.61 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.8	73.8	110.8
116	4.5	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

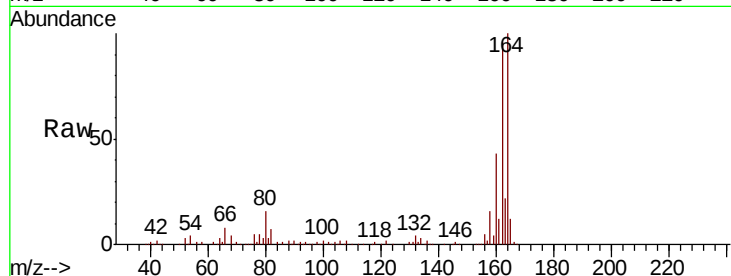
Tot Ion:164 Resp: 170788

Ion Ratio Lower Upper

164 100

162 96.1 77.4 116.0

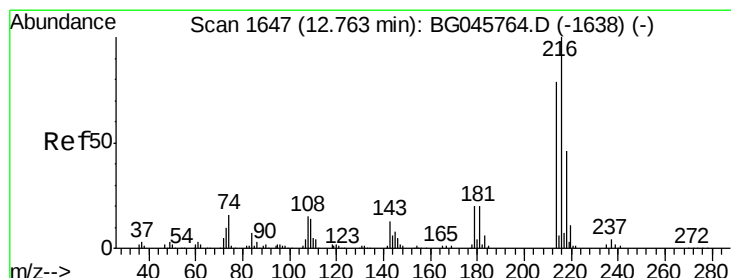
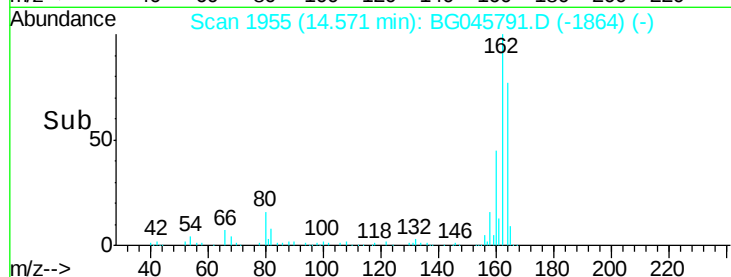
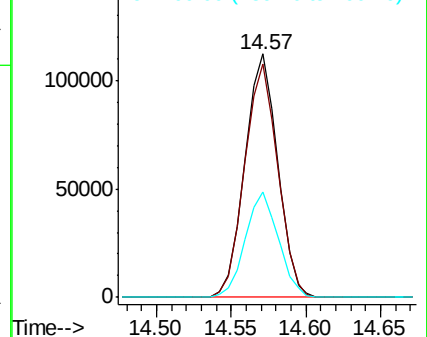
160 43.3 33.3 49.9



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: 33.174 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion:216 Resp: 186556

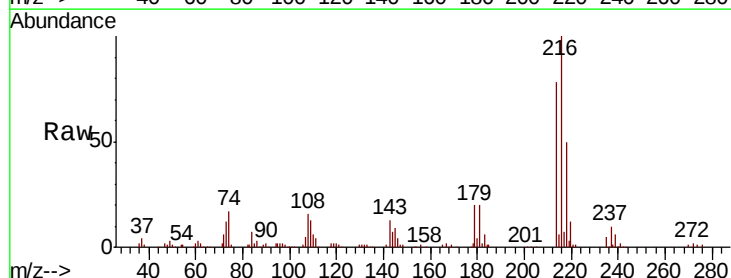
Ion Ratio Lower Upper

216 100

214 79.2 62.8 94.2

179 19.8 16.2 24.4

108 18.2 13.4 20.2

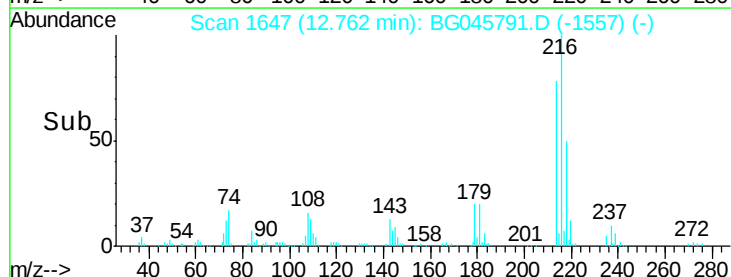
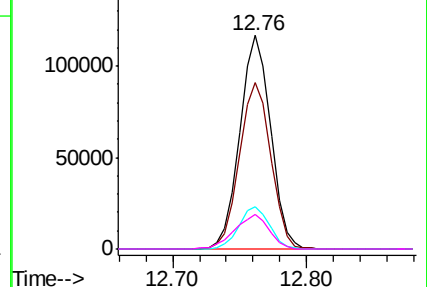


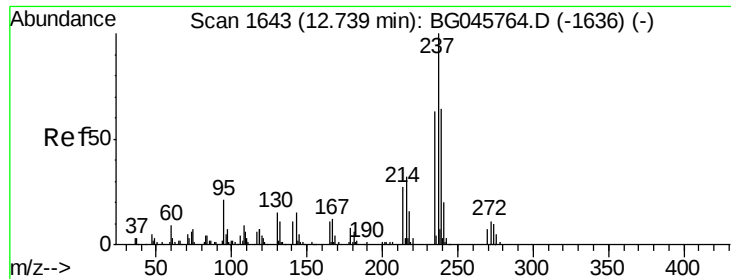
Abundance Ion 216.00 (215.70 to 216.70): E

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

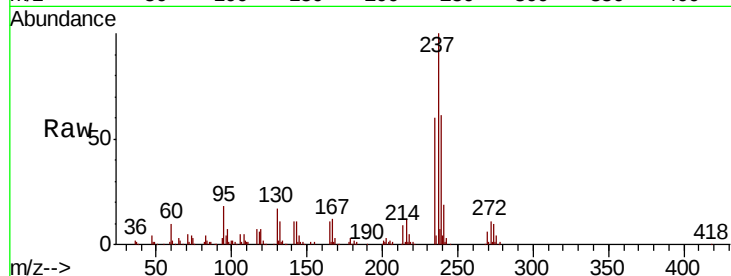




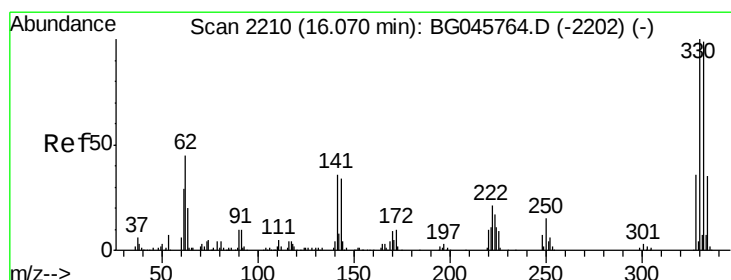
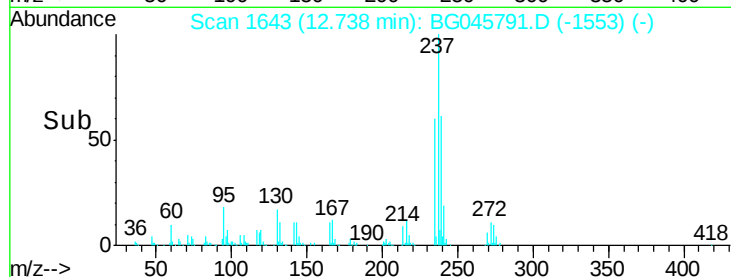
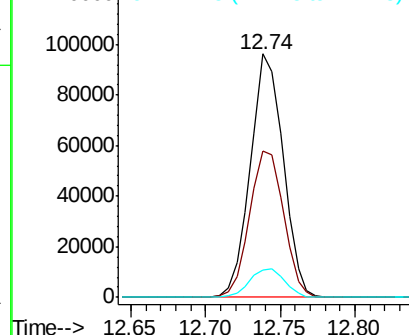
#41
Hexachlorocyclopentadiene
Concen: 50.399 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
237	100		
235	59.8	42.9	82.9
272	11.0	0.0	30.9

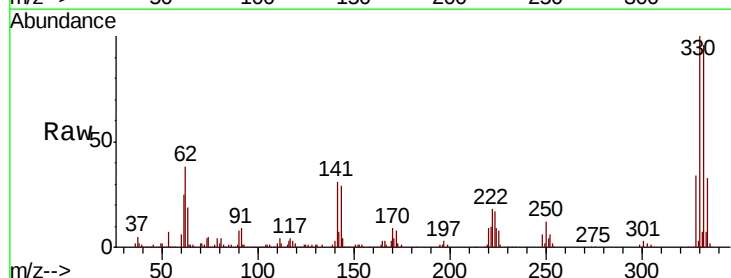


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

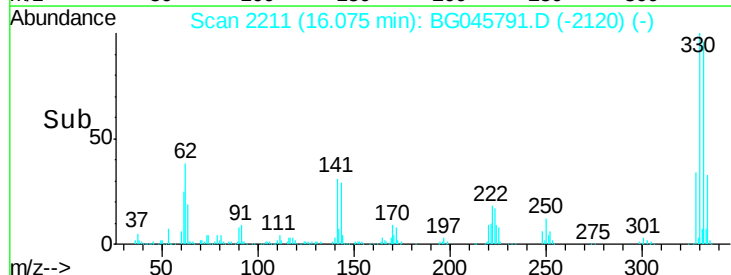
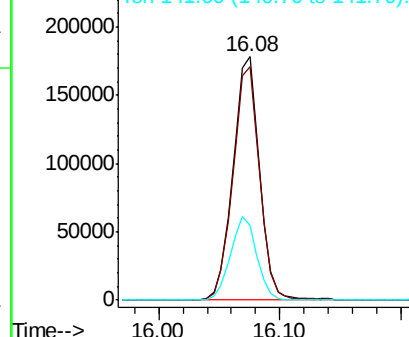


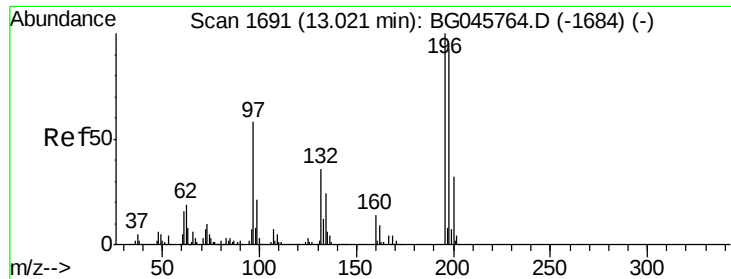
#42
2,4,6-Tribromophenol
Concen: 105.514 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	34.1	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

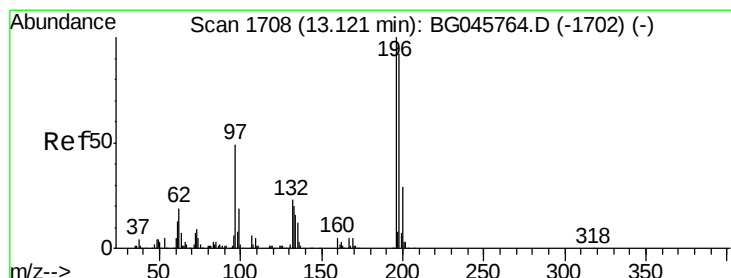
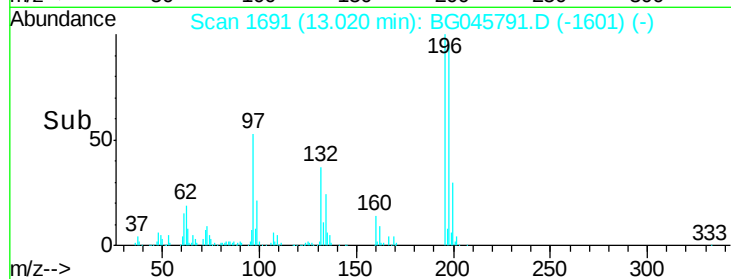
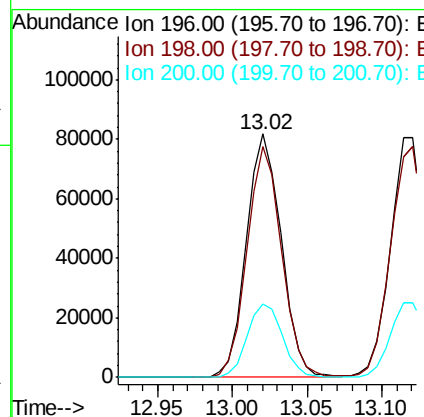
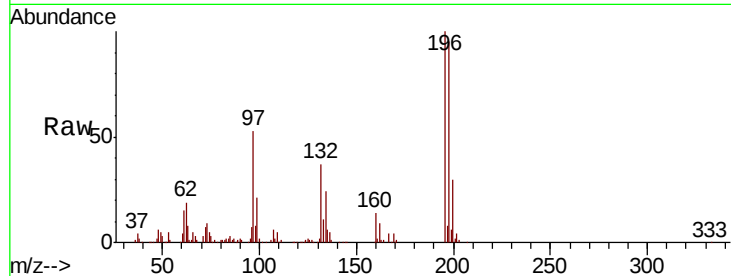




#43
 2,4,6-Trichlorophenol
 Concen: 34.668 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

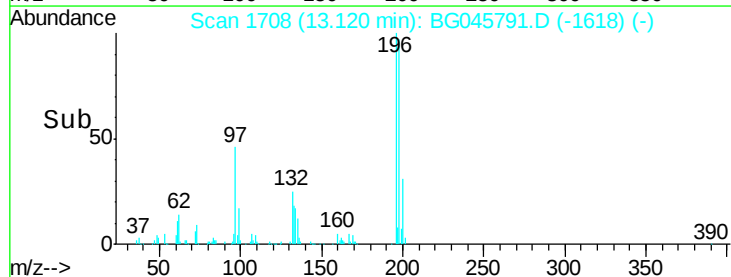
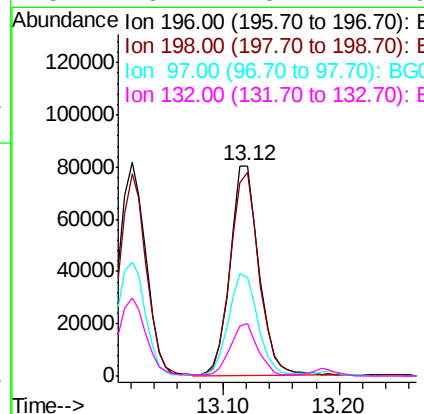
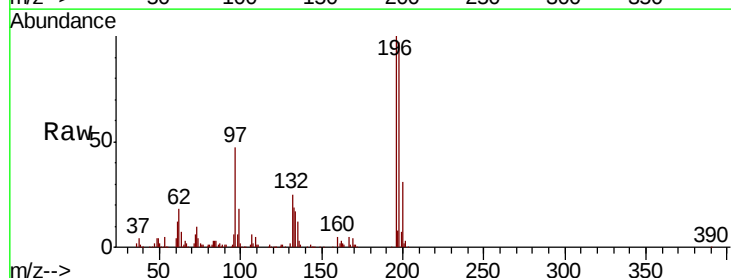
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MS

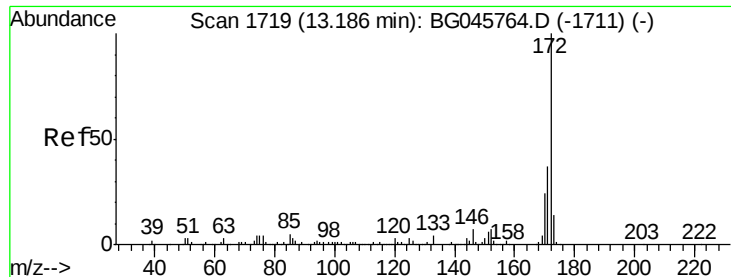
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.4	111.6
200	30.1	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 32.005 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.0	111.0
97	46.6	39.0	58.6
132	25.2	18.4	27.6

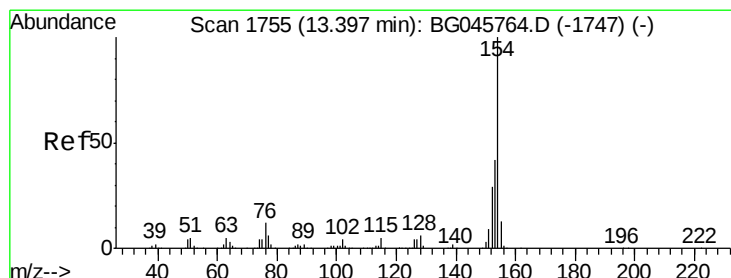
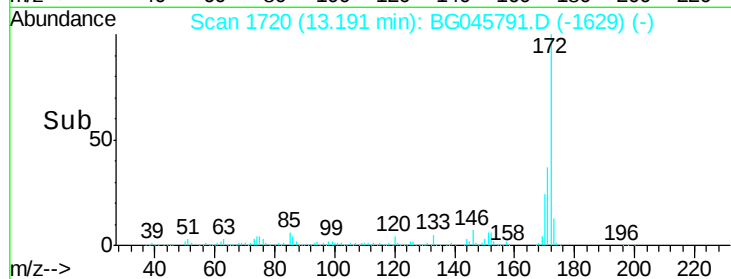
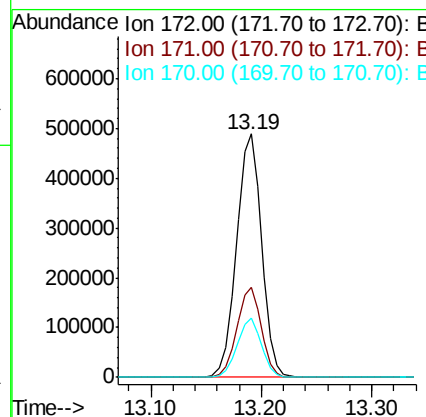
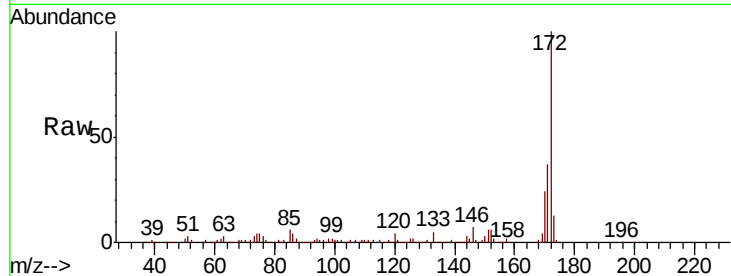




#45
2-Fluorobiphenyl
Concen: 66.838 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

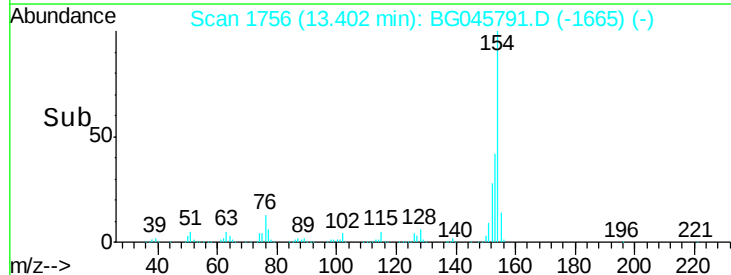
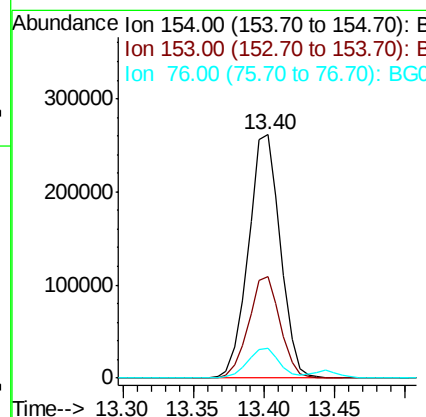
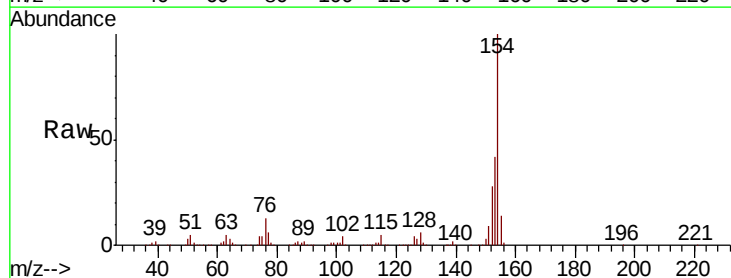
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

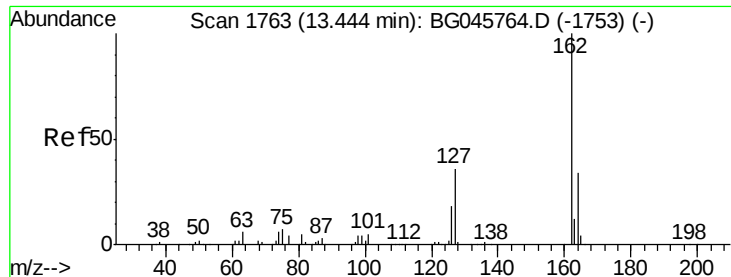
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.2	19.3	28.9



#46
1,1'-Biphenyl
Concen: 33.913 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.7	61.7
76	12.5	0.0	32.0

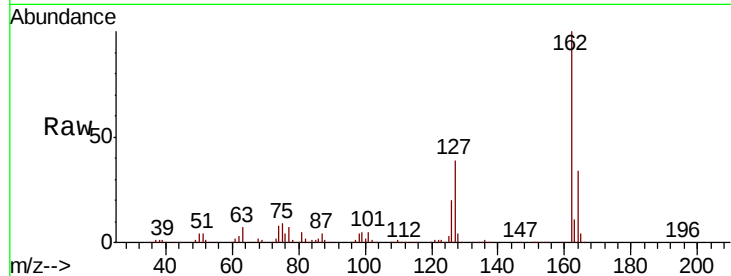




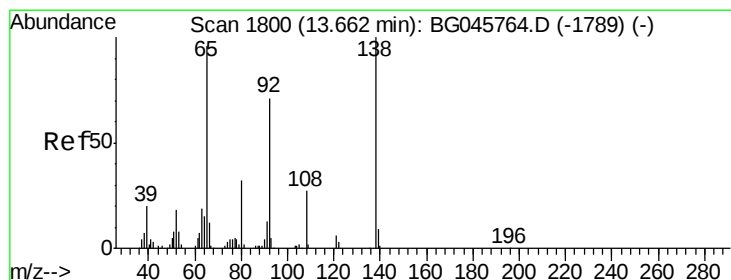
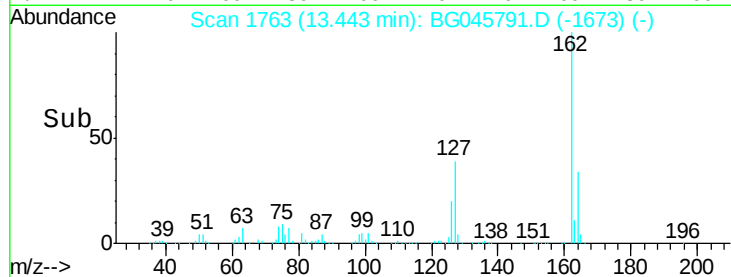
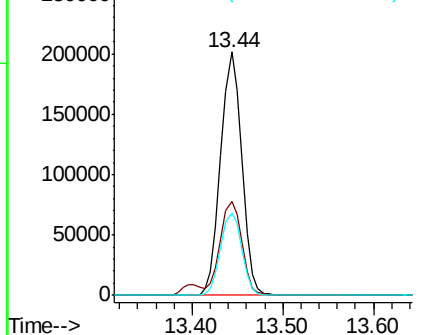
#47
2-Chloronaphthalene
Concen: 33.168 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	33.6	27.2	40.8

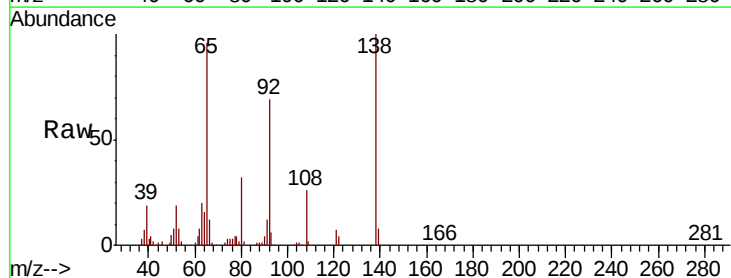


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

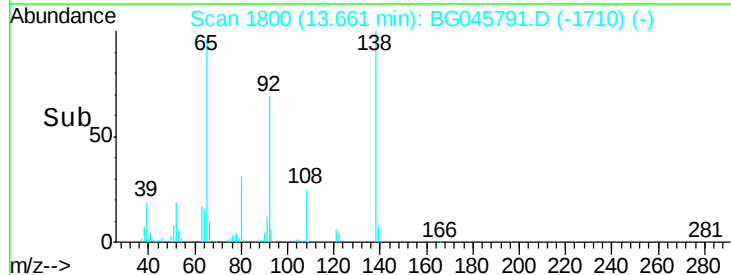
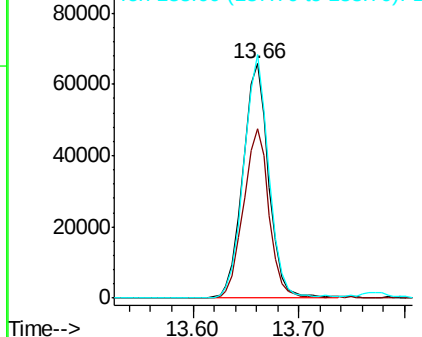


#48
2-Nitroaniline
Concen: 33.968 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	59.0	88.6
138	103.9	83.6	125.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 33.188 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

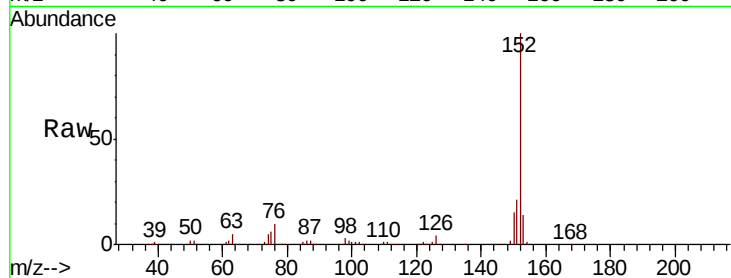
Tot Ion:152 Resp: 525064

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

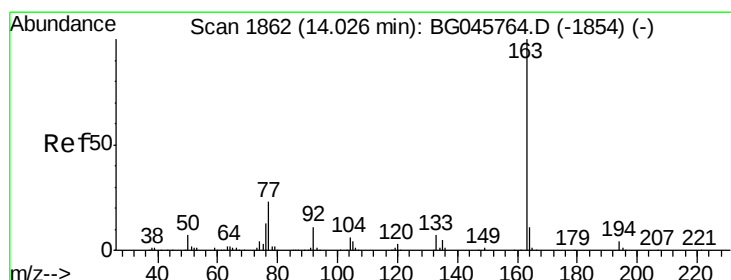
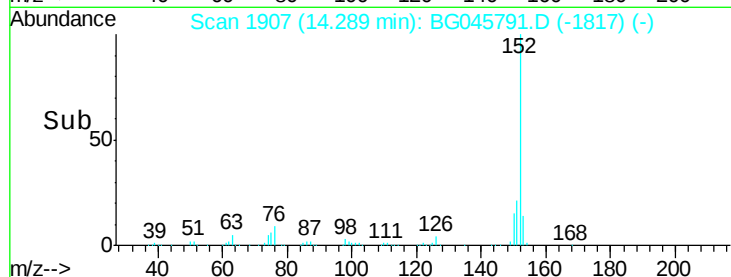
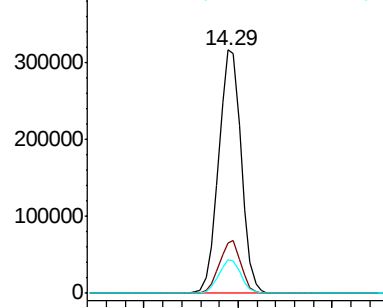
153 14.0 10.6 15.8



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: 43.043 ng

RT: 14.03 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

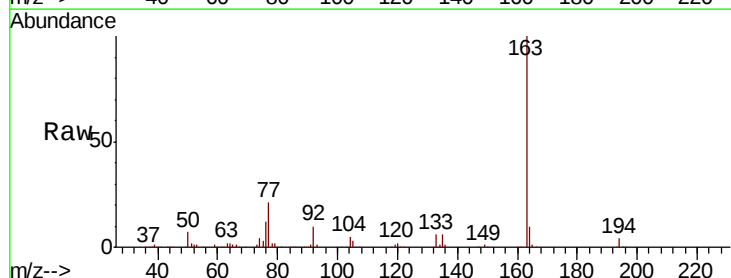
Tgt Ion:163 Resp: 575890

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

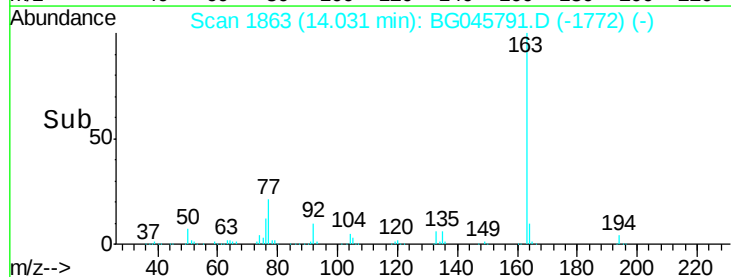
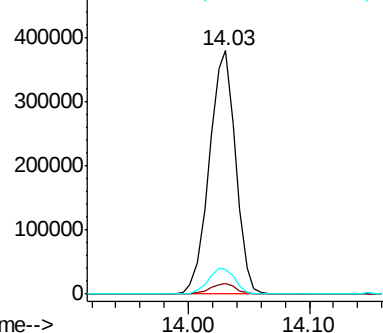
164 10.1 8.9 13.3

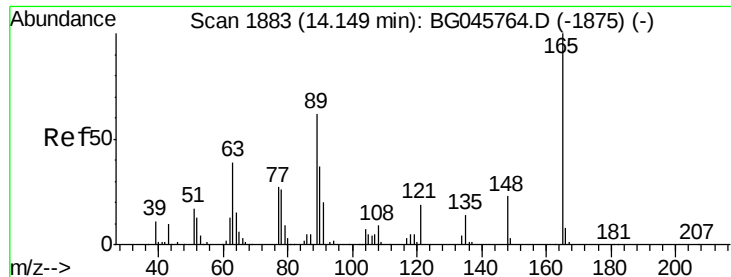


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

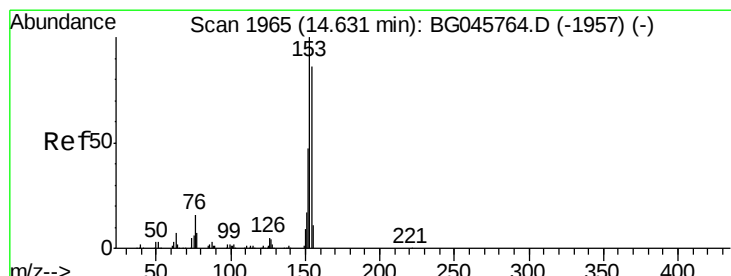
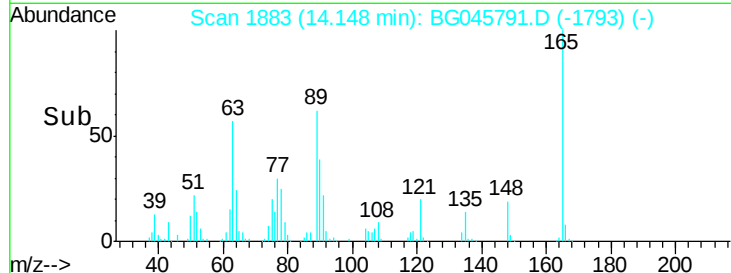
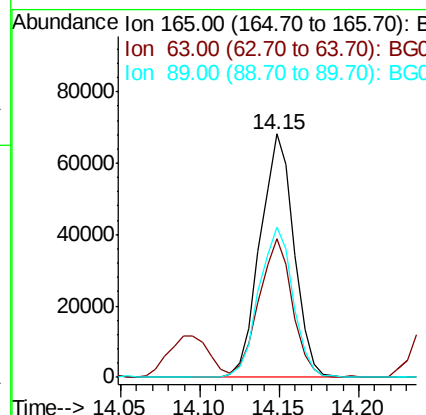
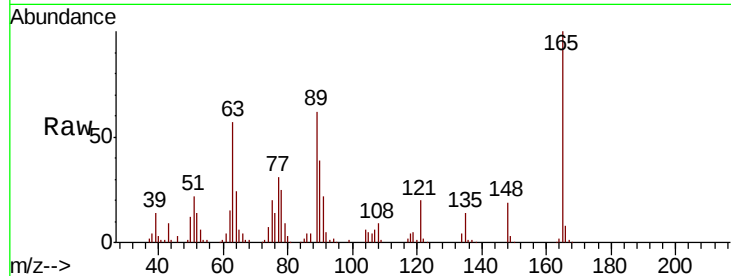




#51
 2,6-Dinitrotoluene
 Concen: 33.717 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

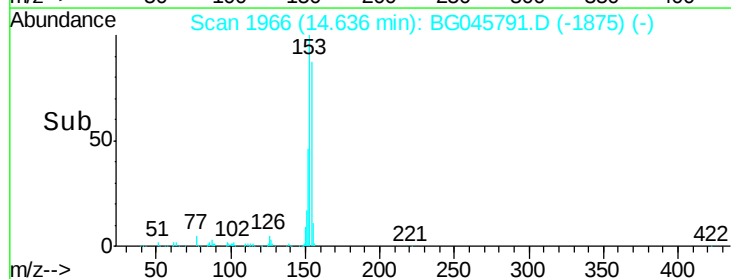
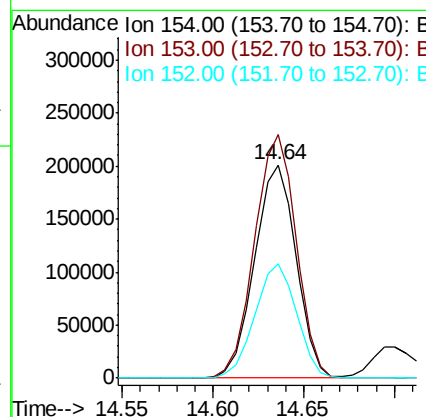
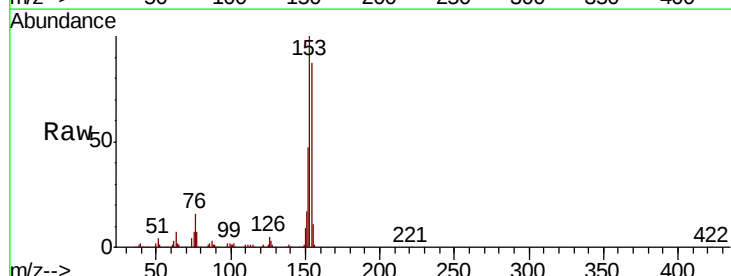
Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)MS

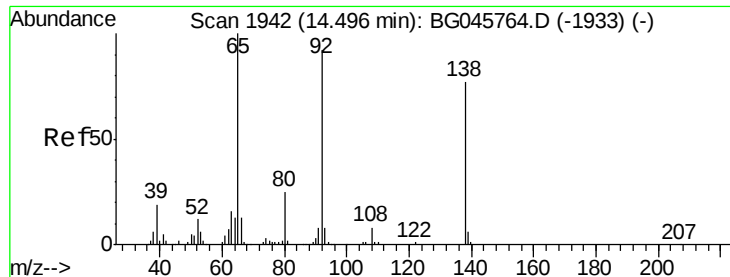
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.8	41.2	61.8
89	61.9	49.7	74.5



#52
 Acenaphthene
 Concen: 33.466 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	93.0	139.4
152	53.6	43.7	65.5

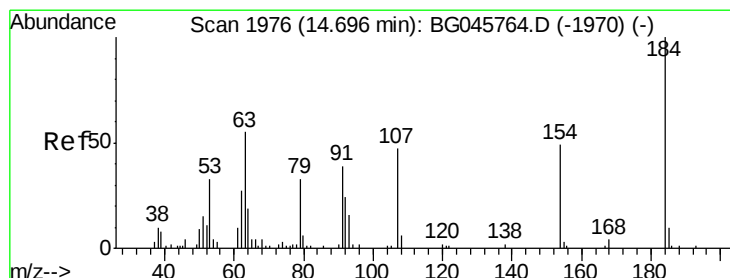
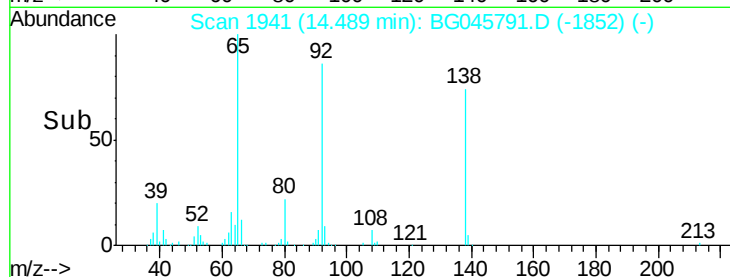
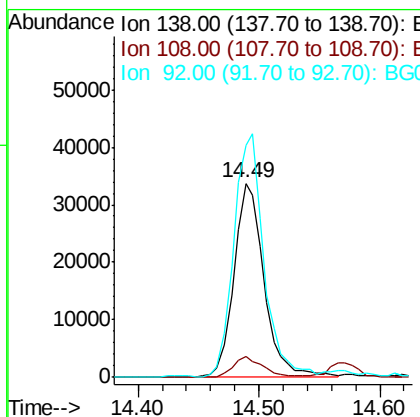
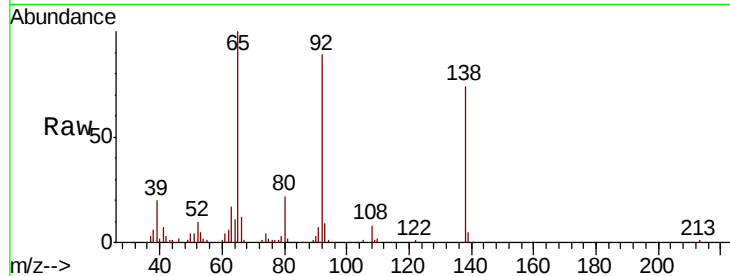




#53
3-Nitroaniline
Concen: 19.541 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

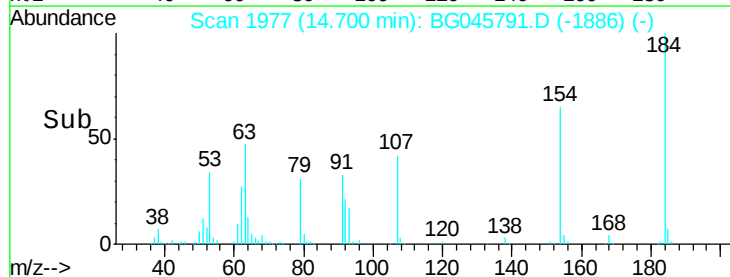
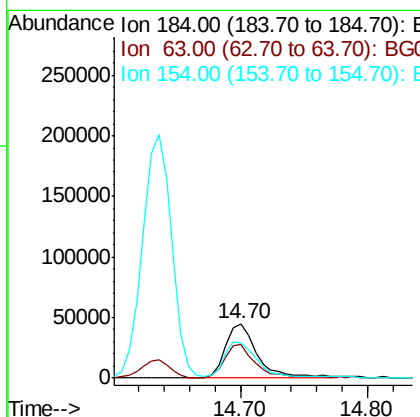
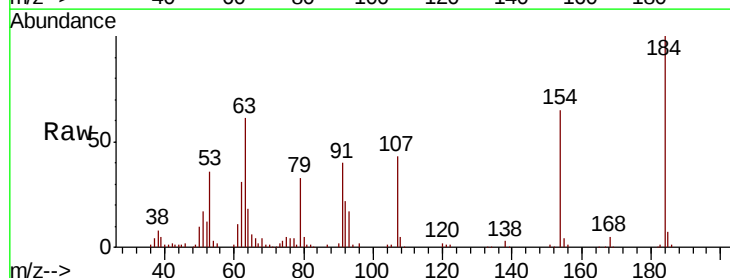
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

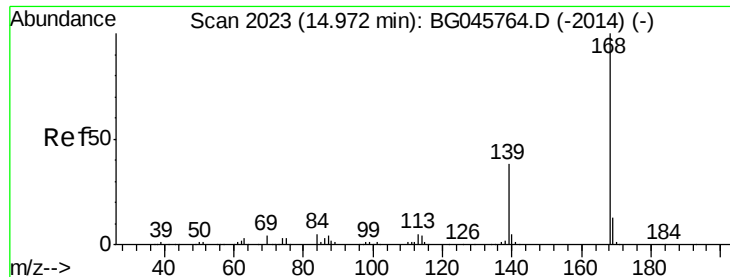
Tot Ion:138 Resp: 58654
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 119.5 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 51.384 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion:184 Resp: 79187
Ion Ratio Lower Upper
184 100
63 61.1 46.6 70.0
154 64.9 58.6 87.8





#55

Dibenzenofuran

Concen: 33.447 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

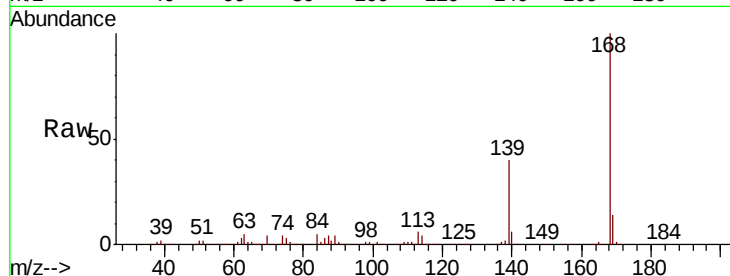
Tot Ion:168 Resp: 521050

Ion Ratio Lower Upper

168 100

139 39.8 31.8 47.6

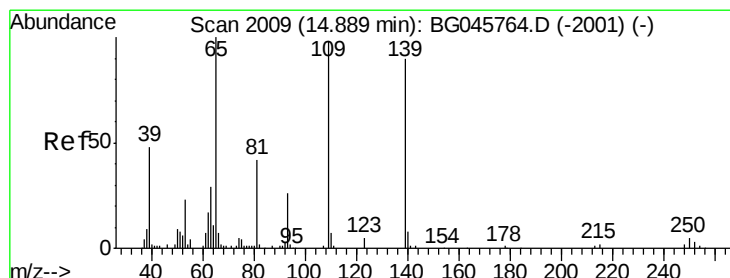
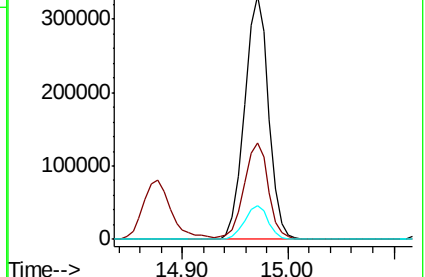
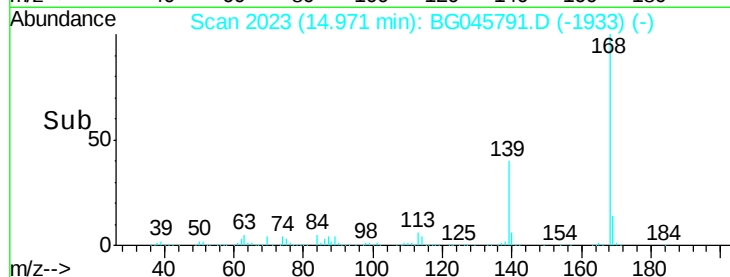
169 13.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.546 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

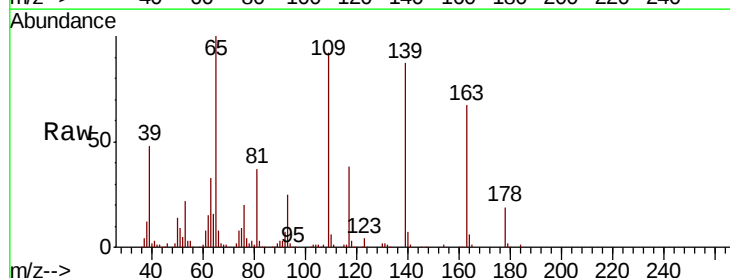
Tgt Ion:139 Resp: 148384

Ion Ratio Lower Upper

139 100

109 106.6 88.9 128.9

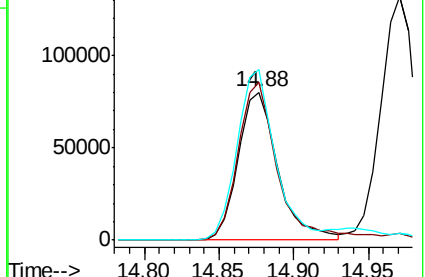
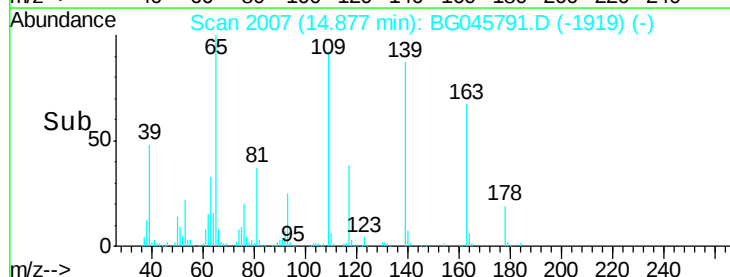
65 115.3 92.3 132.3

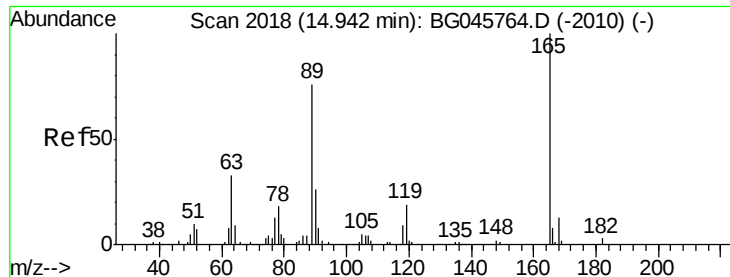


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

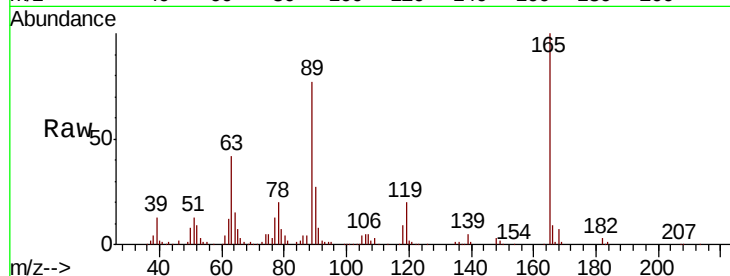




#57
2,4-Dinitrotoluene
Concen: 33.915 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	33.8	50.8
89	76.5	60.4	90.6
182	3.4	2.6	3.8



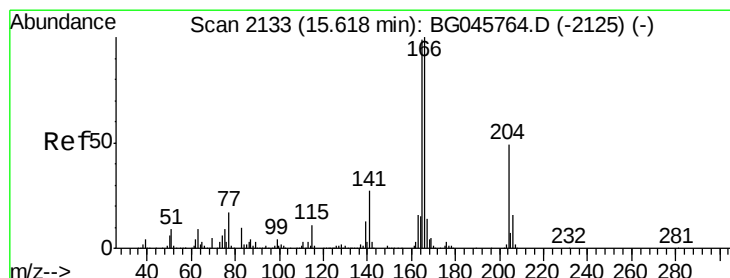
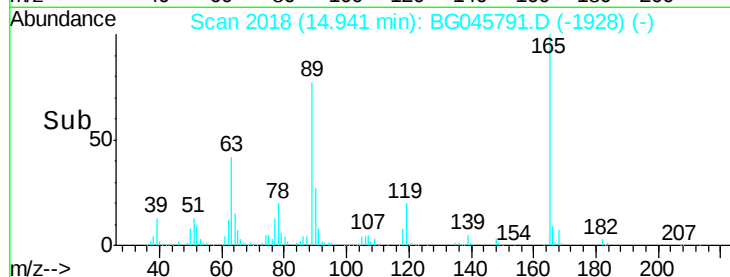
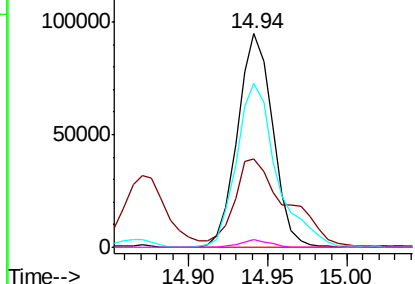
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

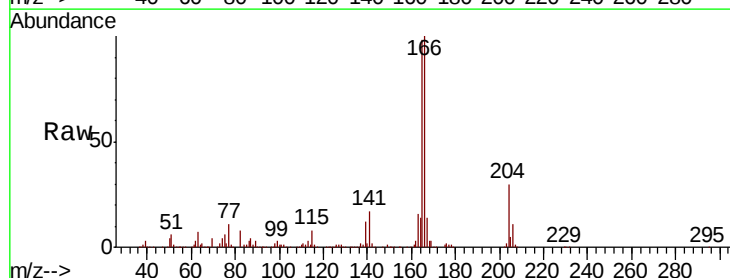
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.402 ng
RT: 15.62 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.6	11.5	17.3

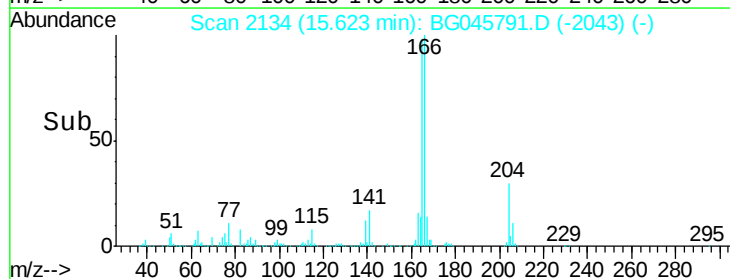
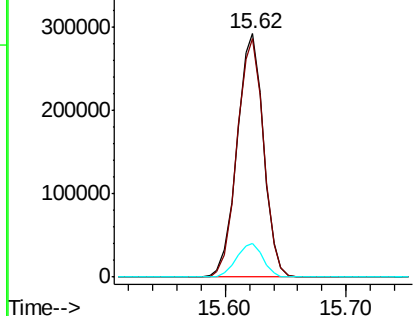


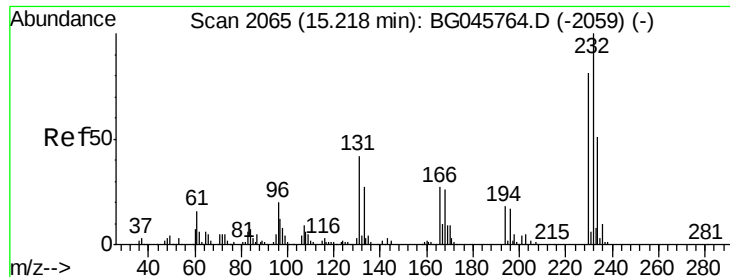
Abundance

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: 36.261 ng

RT: 15.22 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion:232 Resp: 136764

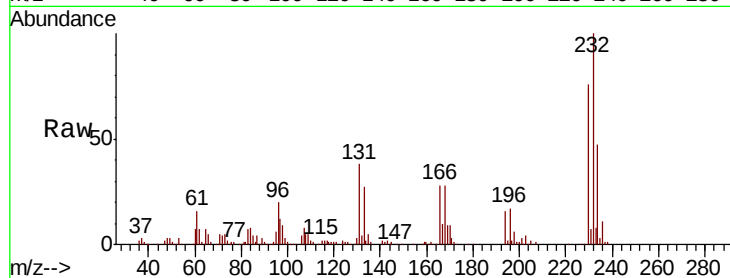
Ion Ratio Lower Upper

232 100

131 39.9 32.2 48.2

130 2.8 2.2 3.4

166 29.6 21.3 31.9

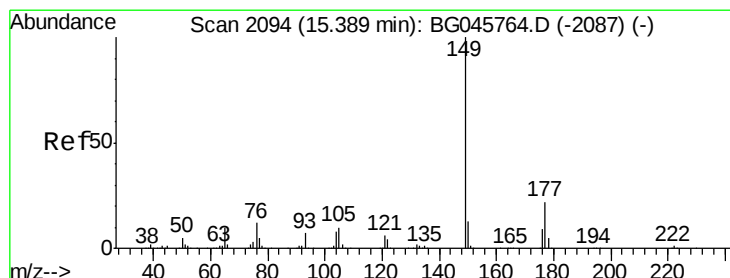
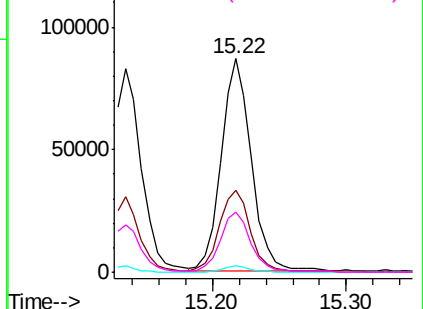
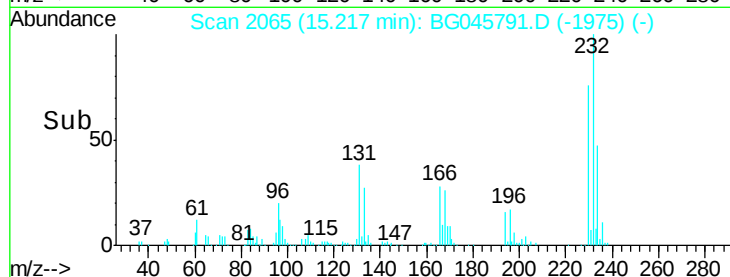


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 33.900 ng

RT: 15.39 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

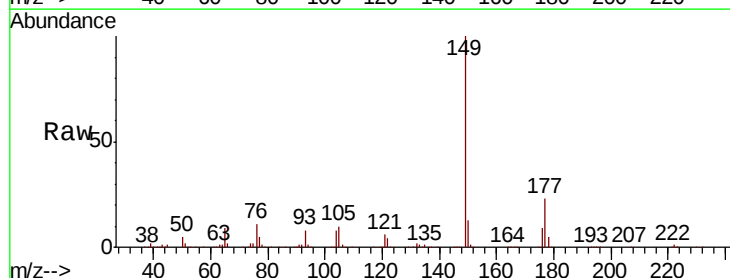
Tgt Ion:149 Resp: 463664

Ion Ratio Lower Upper

149 100

177 23.1 17.2 25.8

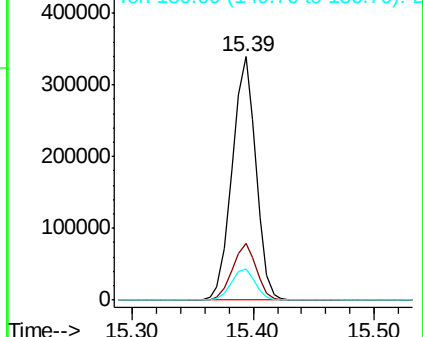
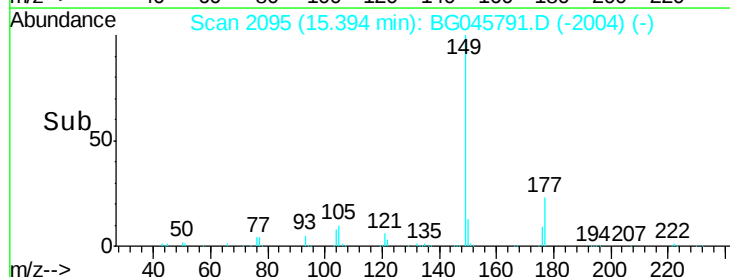
150 12.6 10.7 16.1

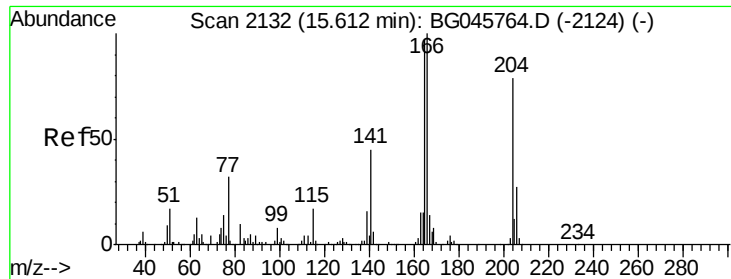


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

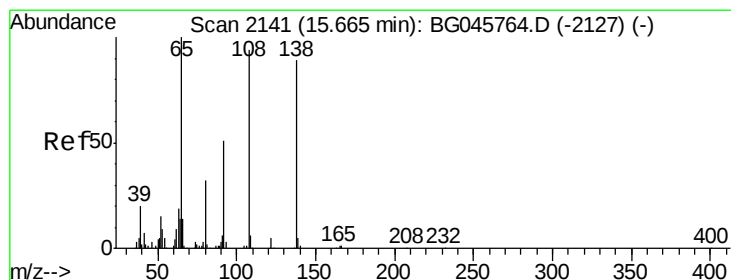
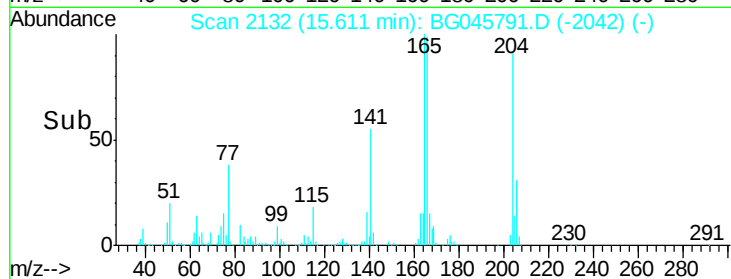
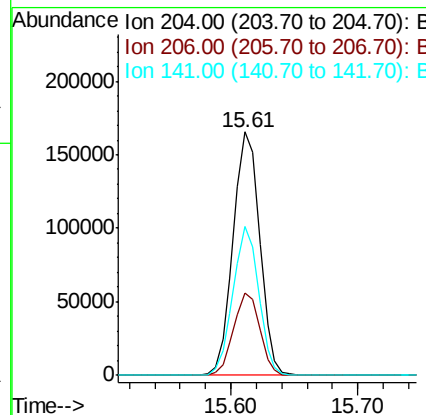
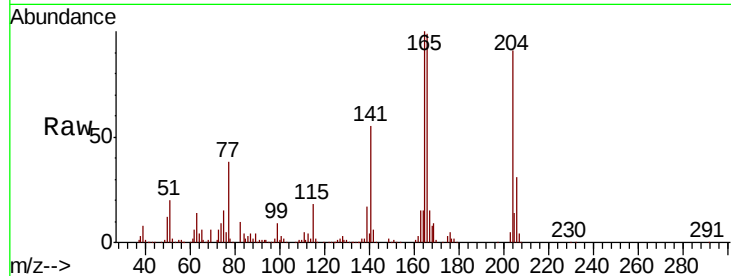




#61
4-Chlorophenyl-phenylether
Concen: 32.114 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

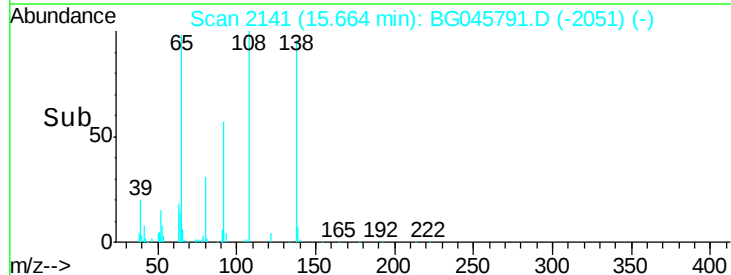
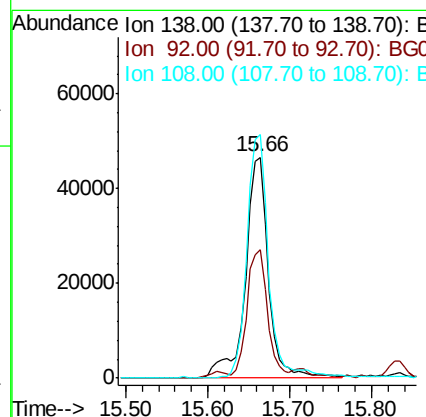
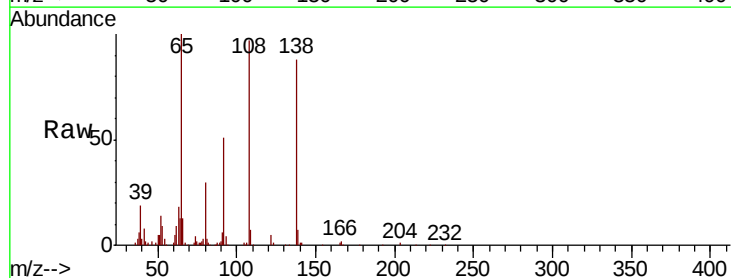
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

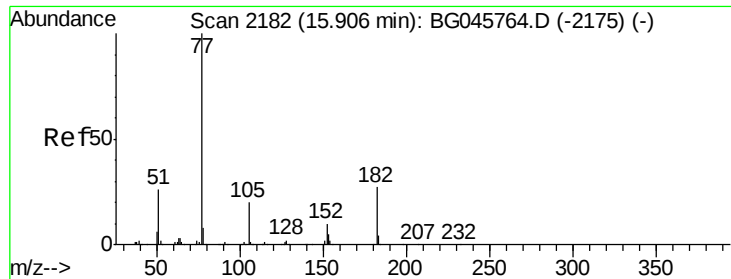
Tot Ion:204 Resp: 239770
Ion Ratio Lower Upper
204 100
206 34.0 27.2 40.8
141 61.0 45.9 68.9



#62
4-Nitroaniline
Concen: 29.691 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion:138 Resp: 91463
Ion Ratio Lower Upper
138 100
92 58.4 37.3 77.3
108 110.4 85.0 125.0





#63

Azobenzene

Concen: 34.383 ng

RT: 15.90 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion: 77 Resp: 451544

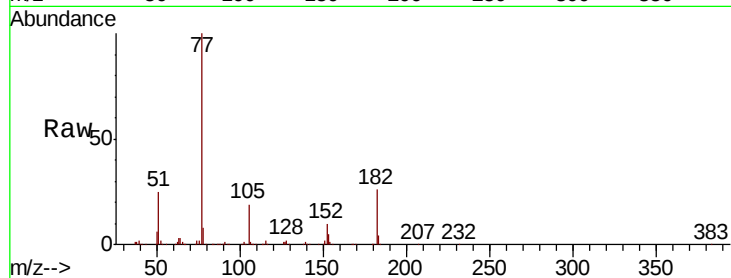
Ion Ratio Lower Upper

77 100

182 26.0 7.4 47.4

105 19.5 0.1 40.1

51 25.0 5.7 45.7

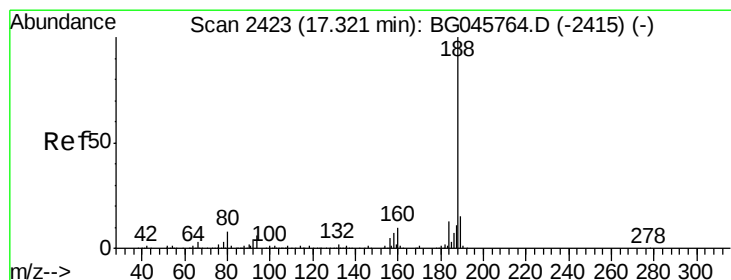
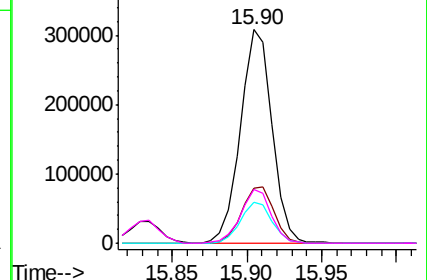
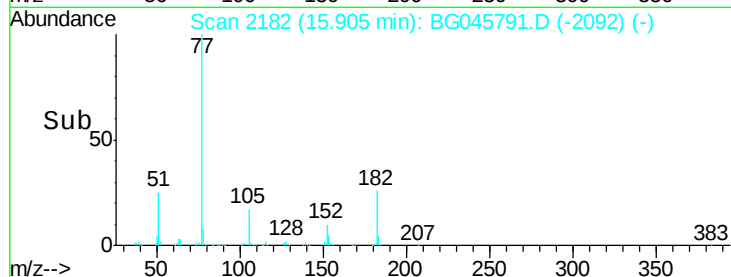


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045791.D

Acq: 17 Jun 2020 15:22

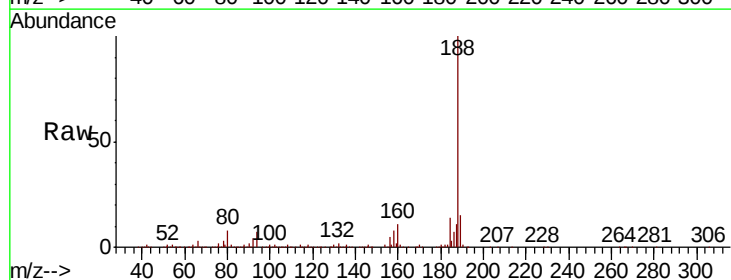
Tgt Ion: 188 Resp: 415936

Ion Ratio Lower Upper

188 100

94 7.0 5.1 7.7

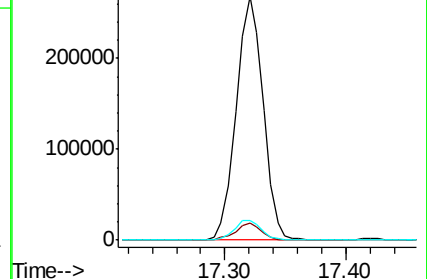
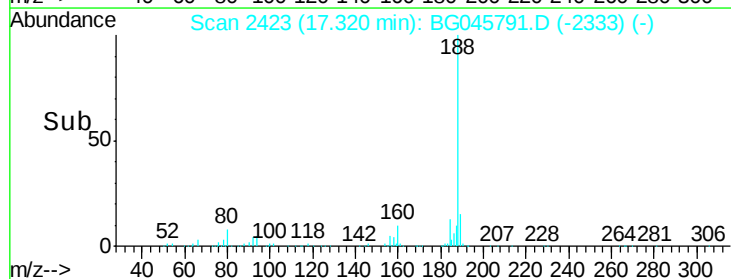
80 8.0 6.2 9.4

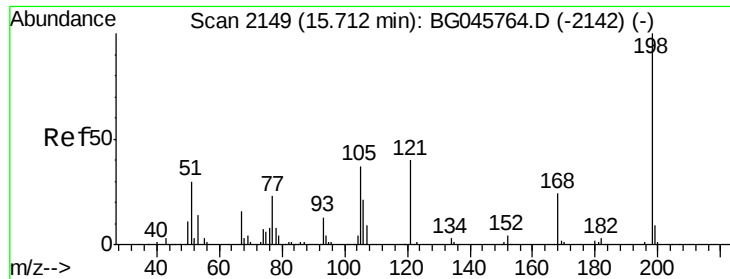


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

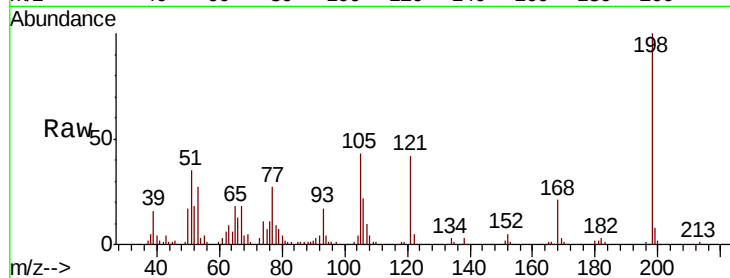




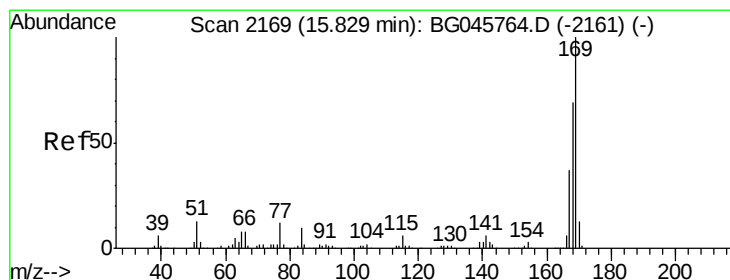
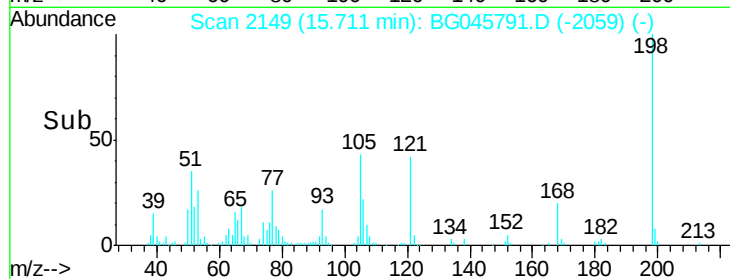
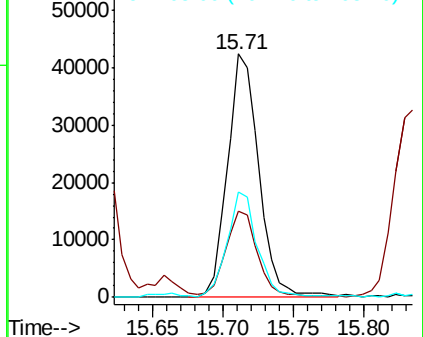
#65
4,6-Dinitro-2-methylphenol
Concen: 25.581 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion:198 Resp: 65755
Ion Ratio Lower Upper
198 100
51 35.5 14.6 54.6
105 43.4 18.4 58.4

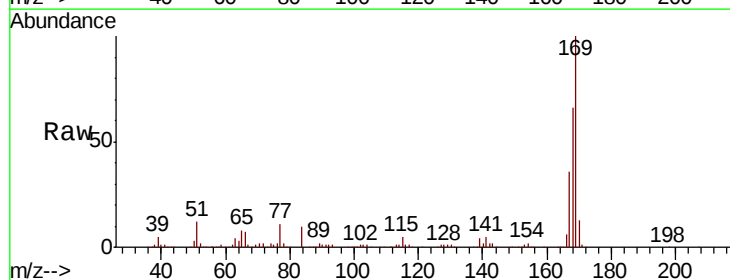


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

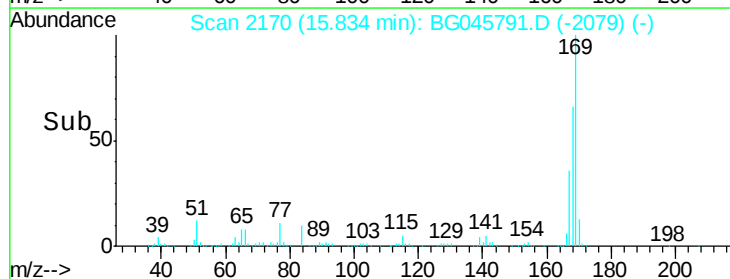
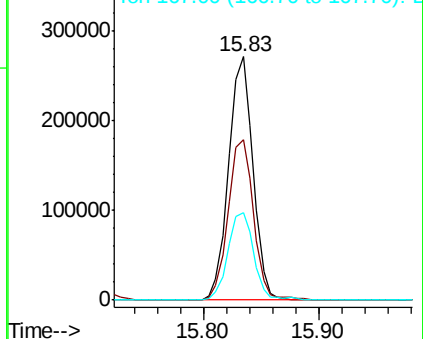


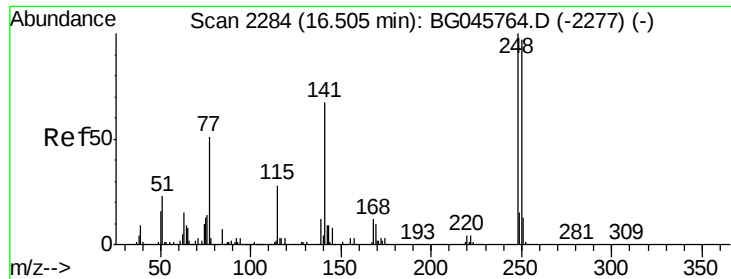
#66
n-Nitrosodiphenylamine
Concen: 33.681 ng
RT: 15.83 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion:169 Resp: 396796
Ion Ratio Lower Upper
169 100
168 65.7 55.2 82.8
167 35.9 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

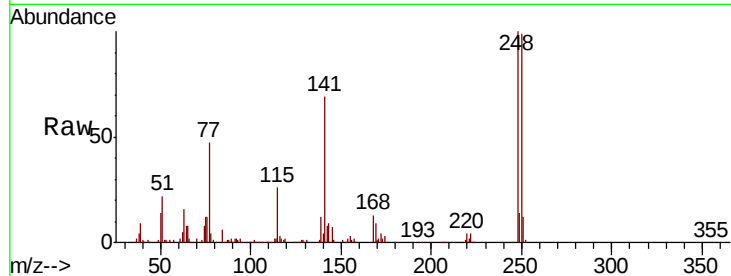




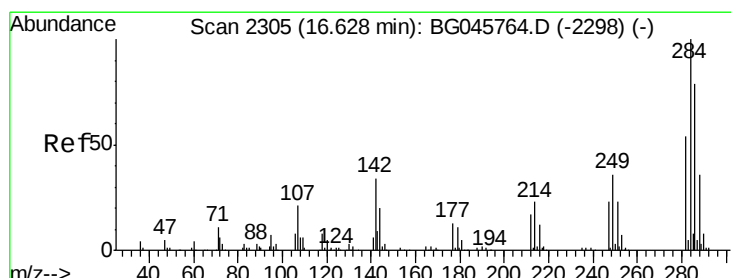
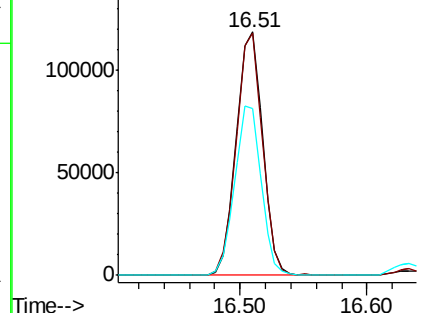
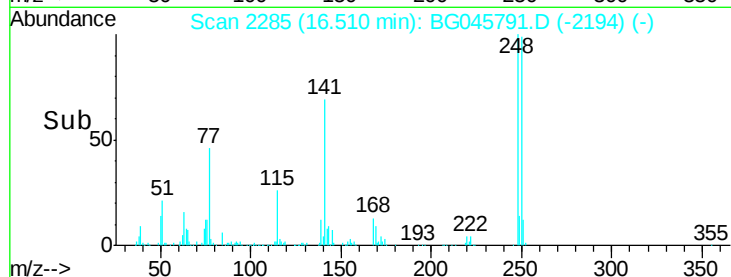
#67
4-Bromophenyl-phenylether
Concen: 31.556 ng
RT: 16.51 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion:248 Resp: 170543
Ion Ratio Lower Upper
248 100
250 99.5 78.0 117.0
141 68.6 53.9 80.9

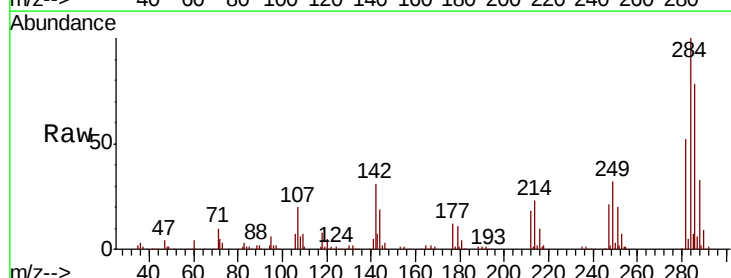


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

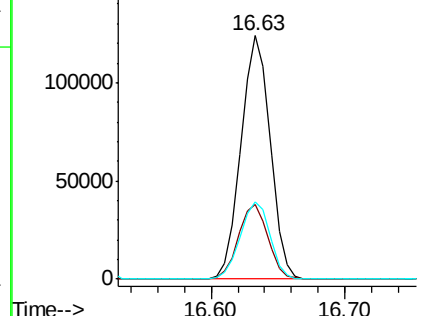
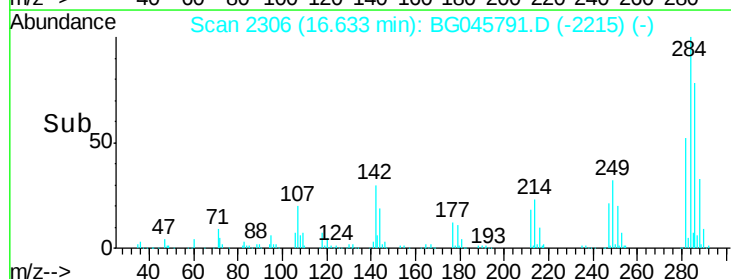


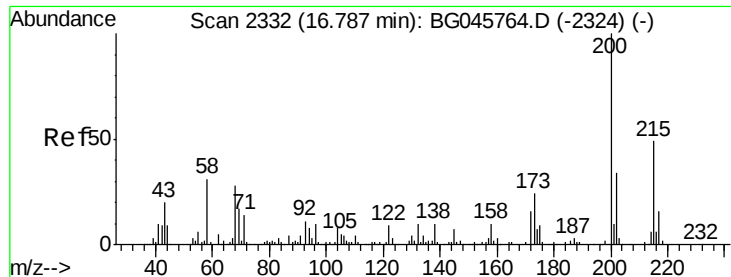
#68
Hexachlorobenzene
Concen: 33.399 ng
RT: 16.63 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion:284 Resp: 187174
Ion Ratio Lower Upper
284 100
142 30.5 26.9 40.3
249 31.9 28.6 42.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.915 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

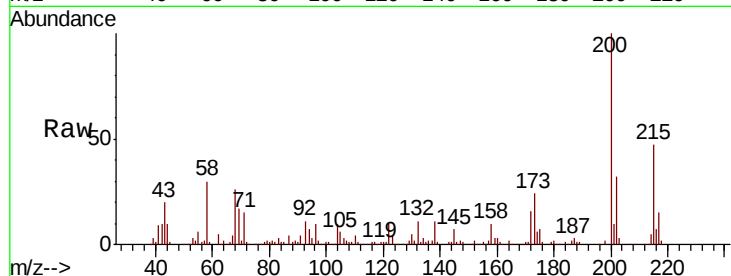
Tot Ion:200 Resp: 155043

Ion Ratio Lower Upper

200 100

173 24.4 3.9 43.9

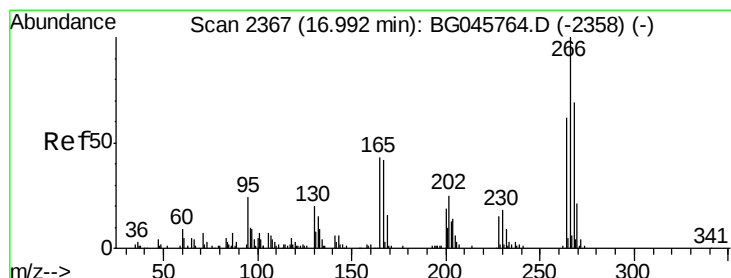
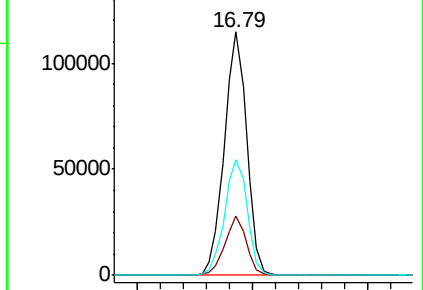
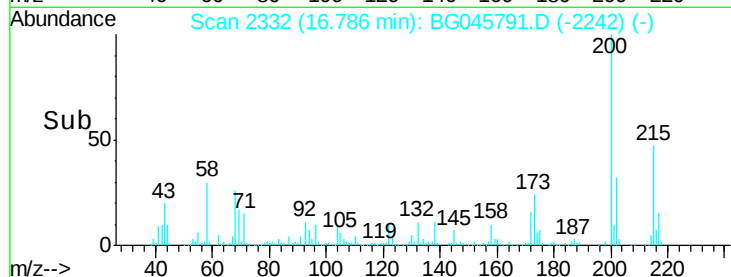
215 47.5 28.8 68.8



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: 68.409 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

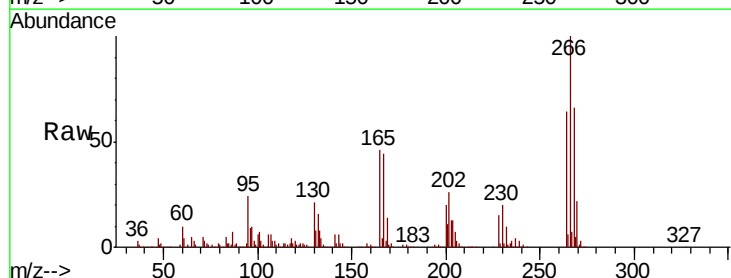
Tgt Ion:266 Resp: 185696

Ion Ratio Lower Upper

266 100

268 65.9 55.4 83.0

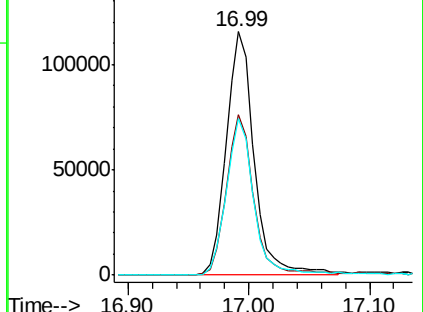
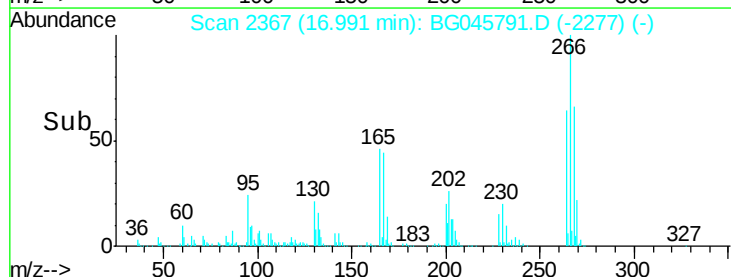
264 64.4 49.8 74.6

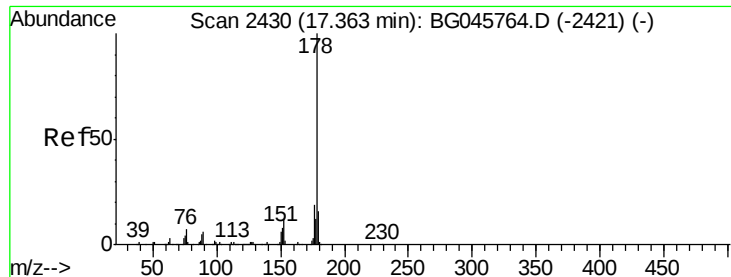


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.500 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

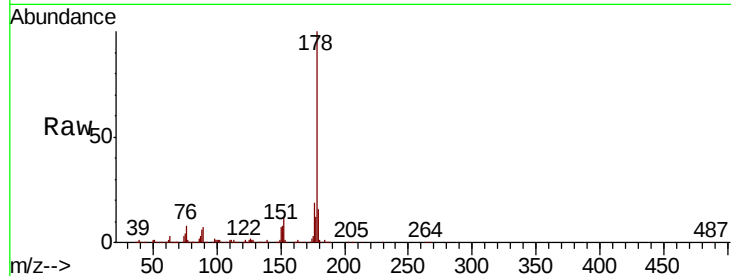
Tot Ion:178 Resp: 718623

Ion Ratio Lower Upper

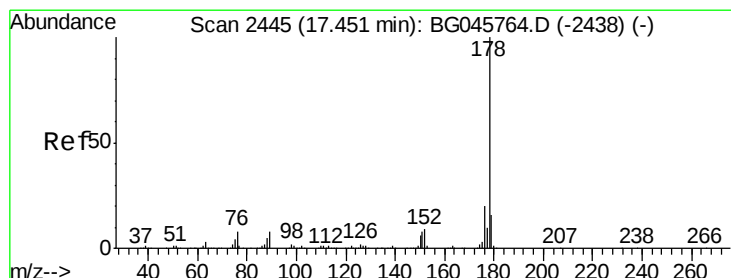
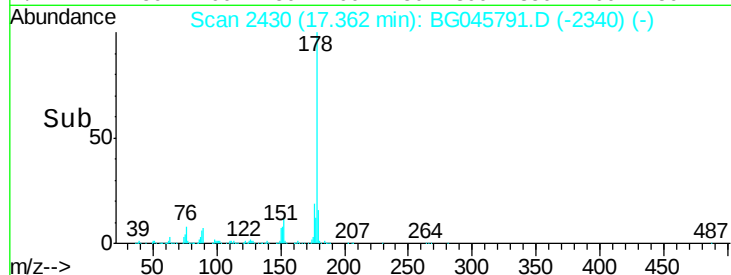
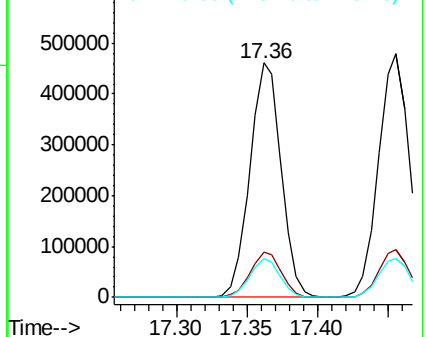
178 100

176 19.4 15.5 23.3

179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.305 ng

RT: 17.46 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

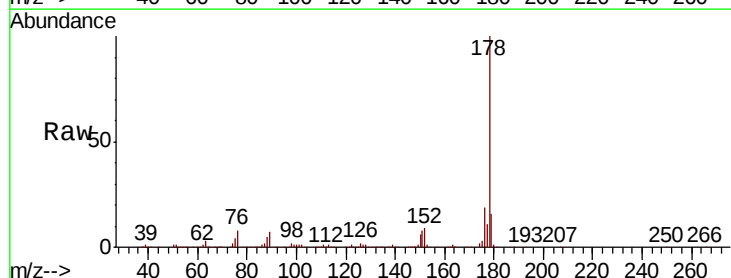
Tgt Ion:178 Resp: 732795

Ion Ratio Lower Upper

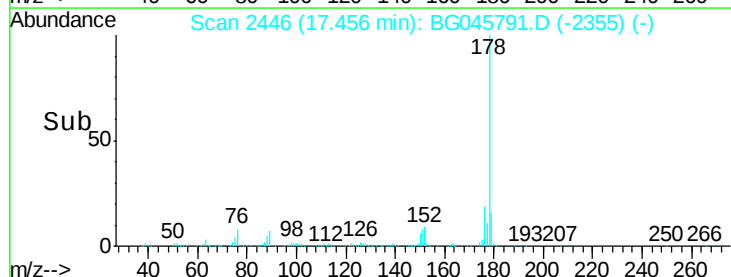
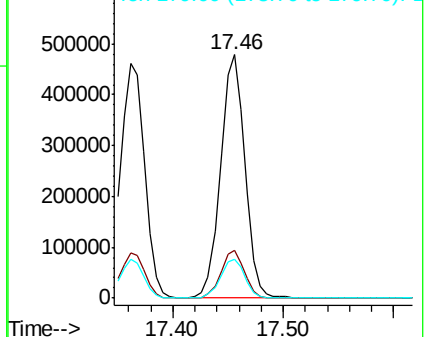
178 100

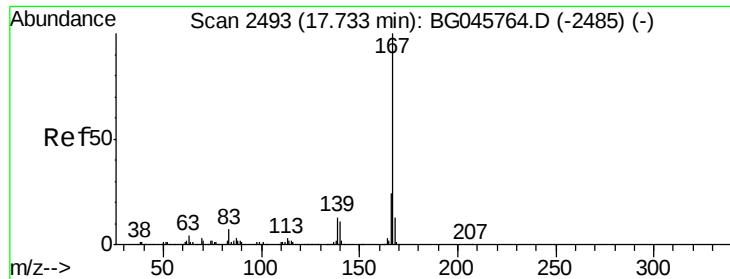
176 19.5 15.6 23.4

179 15.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

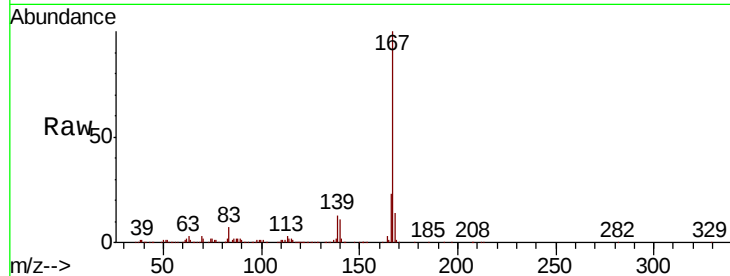




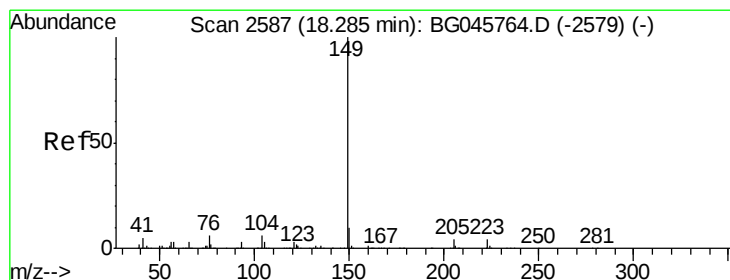
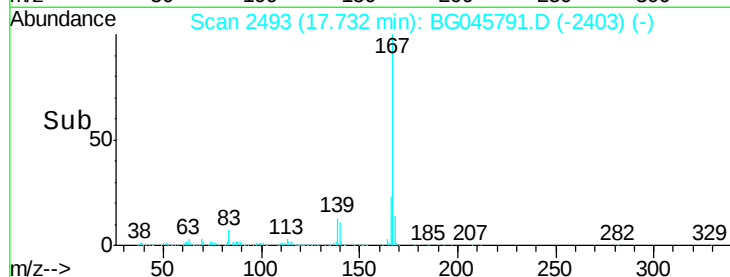
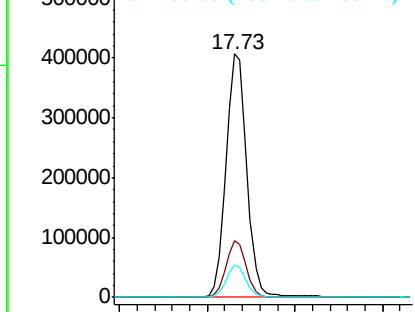
#73
 Carbazole
 Concen: 32.771 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.9	28.3
139	13.4	10.6	15.8

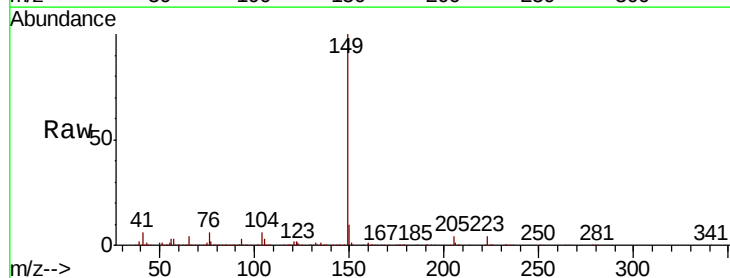


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

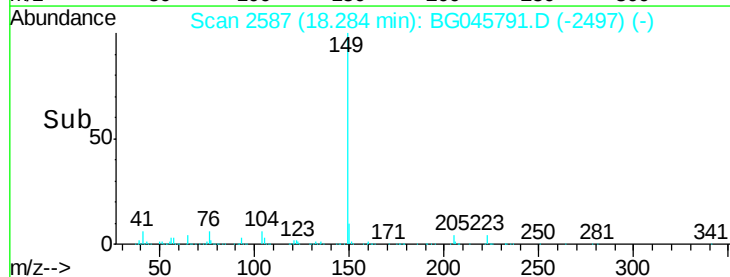
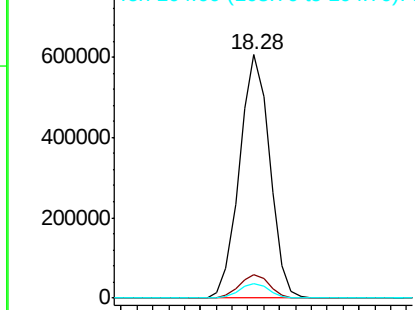


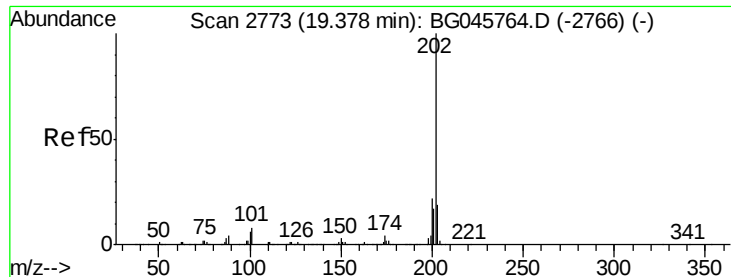
#74
 Di-n-butylphthalate
 Concen: 33.185 ng
 RT: 18.28 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.2	5.1	7.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 31.883 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

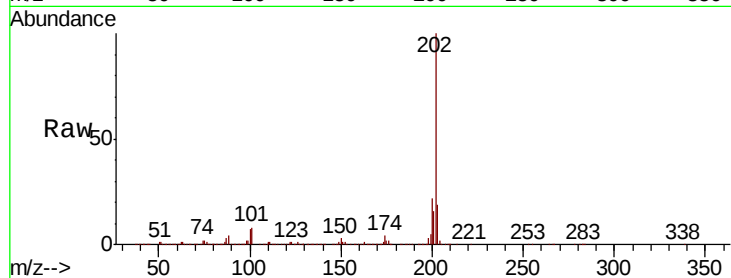
Tot Ion:202 Resp: 841004

Ion Ratio Lower Upper

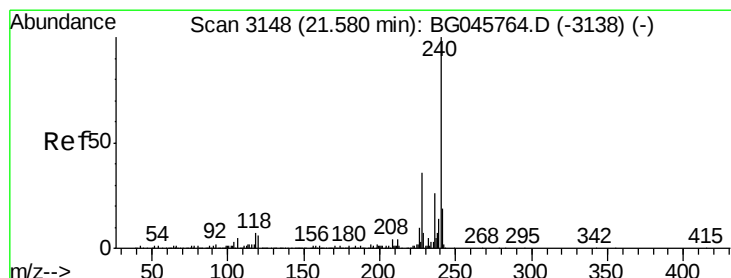
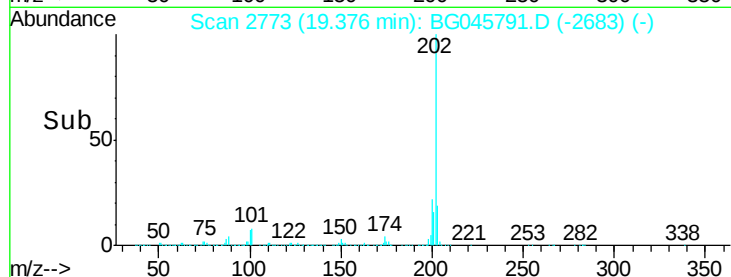
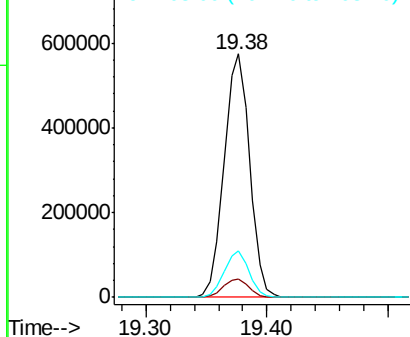
202 100

101 7.7 0.0 27.7

203 19.1 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: BG045791.D

Acq: 17 Jun 2020 15:22

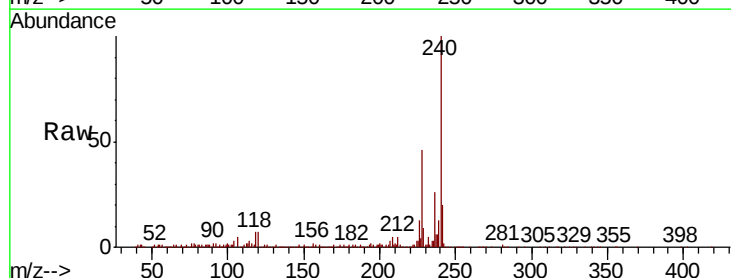
Tgt Ion:240 Resp: 346753

Ion Ratio Lower Upper

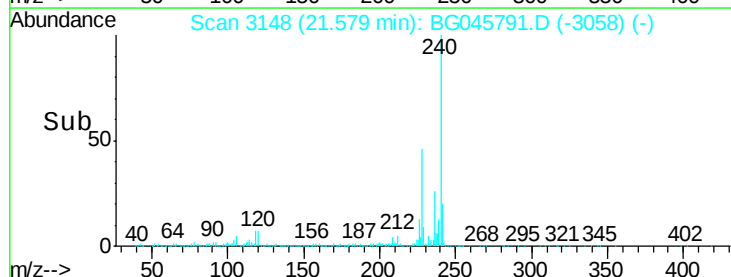
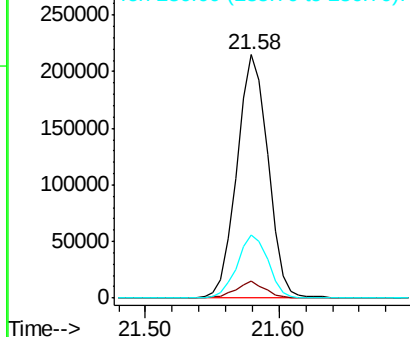
240 100

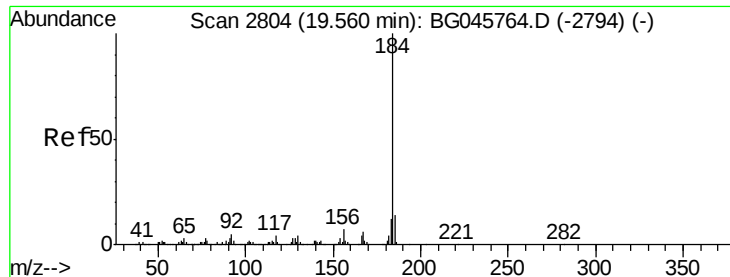
120 7.0 5.0 7.4

236 25.8 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: 31.726 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

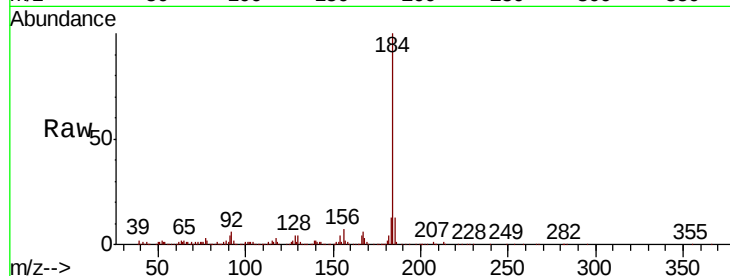
Tot Ion:184 Resp: 285996

Ion Ratio Lower Upper

184 100

185 13.3 11.1 16.7

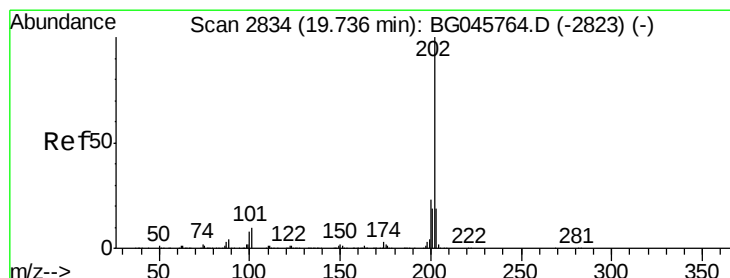
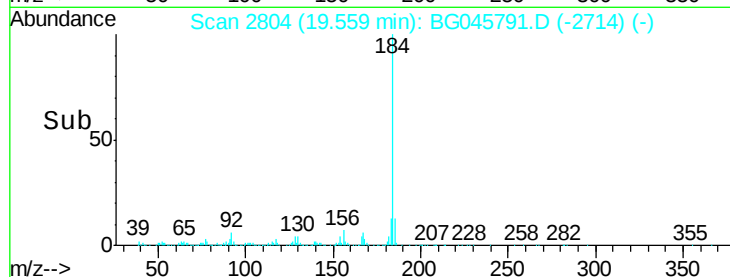
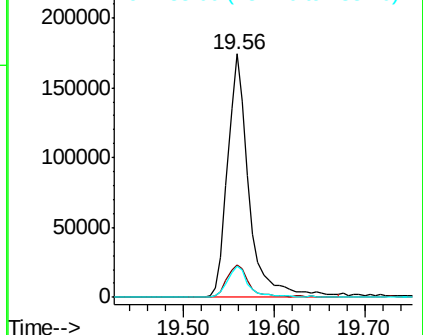
183 12.8 9.7 14.5



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: 35.206 ng

RT: 19.73 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

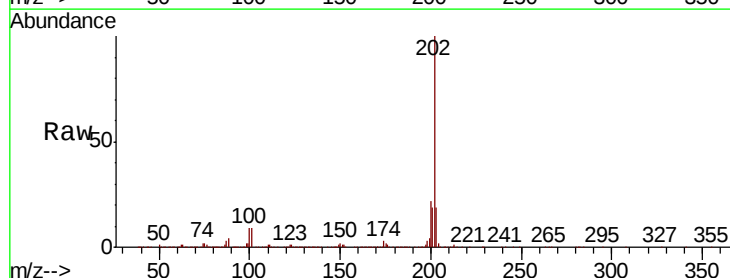
Tgt Ion:202 Resp: 817485

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

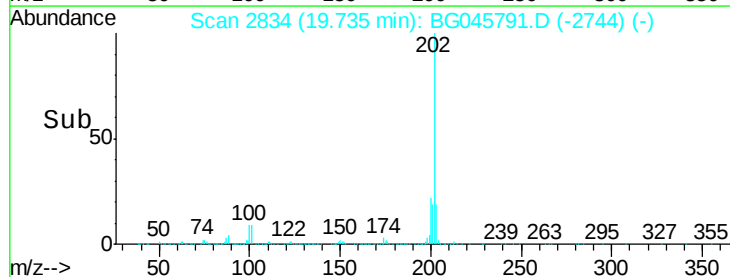
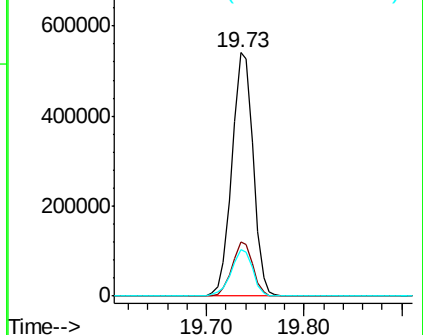
203 19.2 14.8 22.2

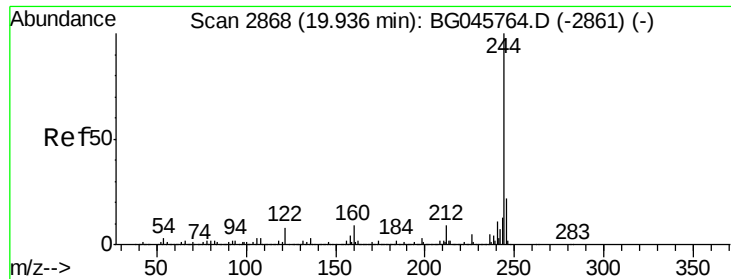


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.742 ng

RT: 19.93 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

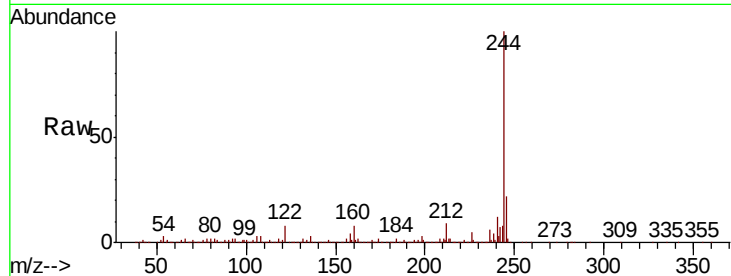
Tot Ion:244 Resp: 1295950

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

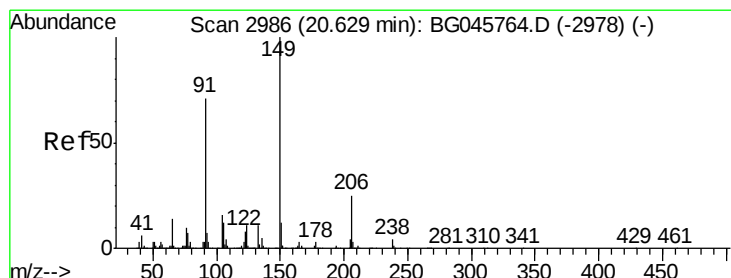
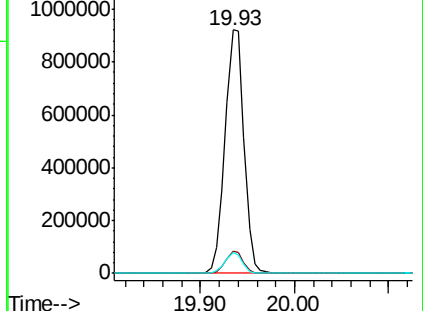
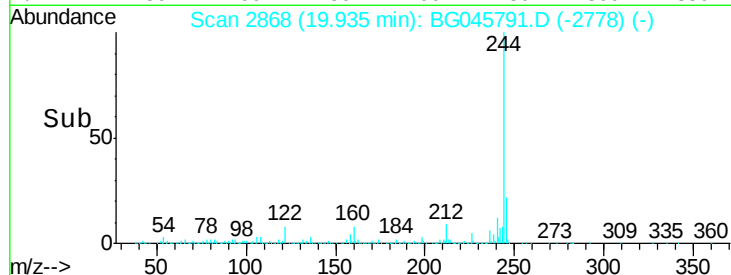
122 8.4 6.4 9.6



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: 32.969 ng

RT: 20.63 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

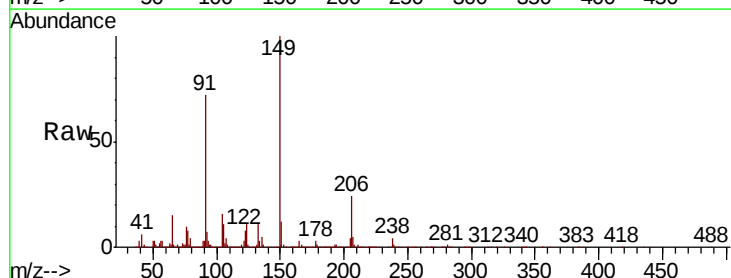
Tgt Ion:149 Resp: 320437

Ion Ratio Lower Upper

149 100

91 72.2 56.4 84.6

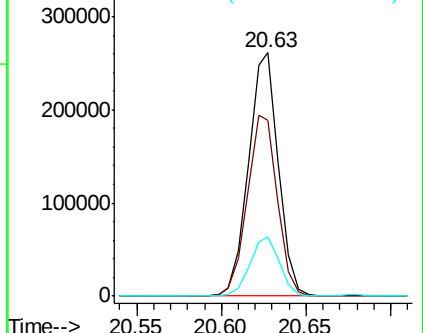
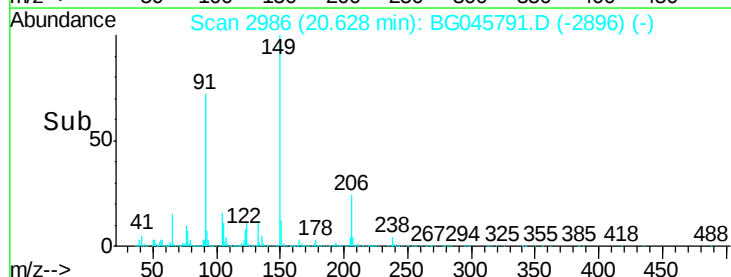
206 24.3 19.8 29.6

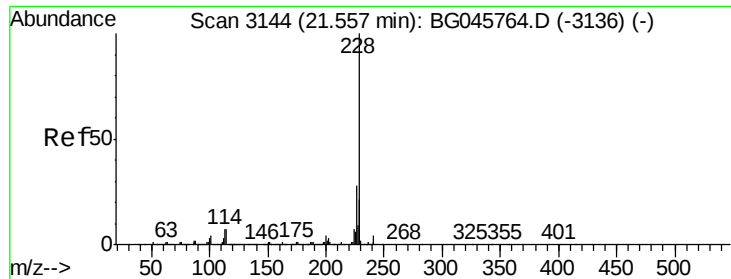


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.870 ng

RT: 21.56 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

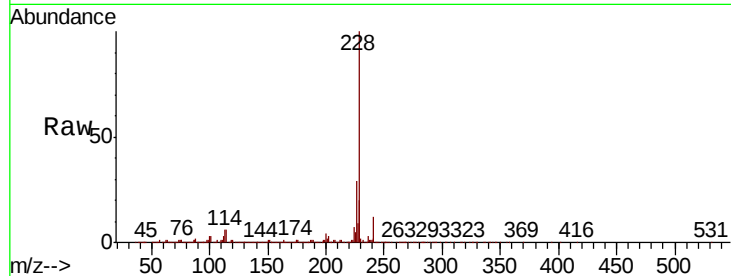
Tot Ion:228 Resp: 761448

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

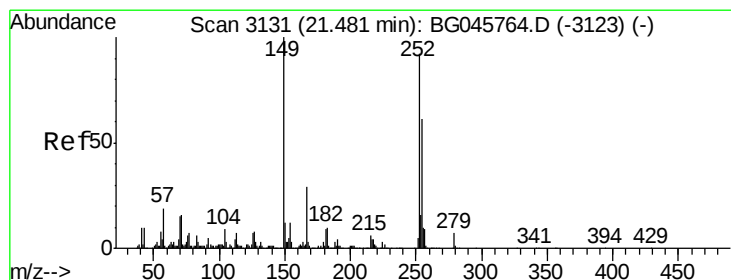
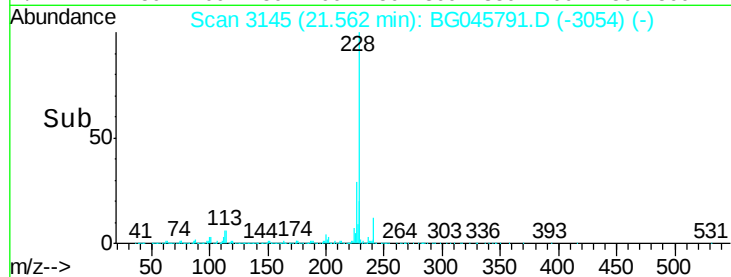
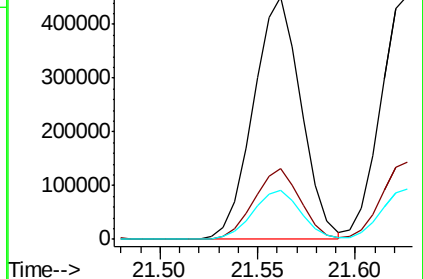
229 20.2 16.6 24.8



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



#82

3,3'-Dichlorobenzidine

Concen: 23.537 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

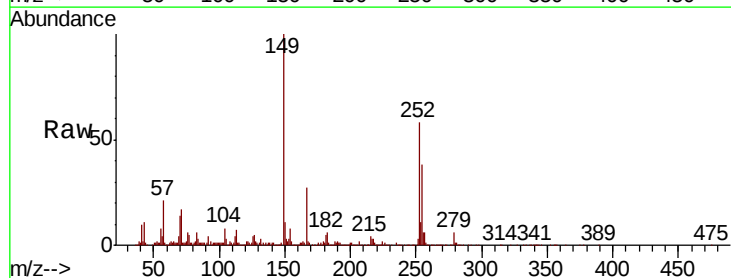
Tgt Ion:252 Resp: 200149

Ion Ratio Lower Upper

252 100

254 64.7 53.4 80.0

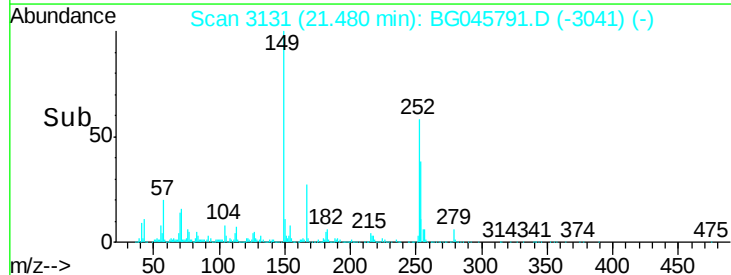
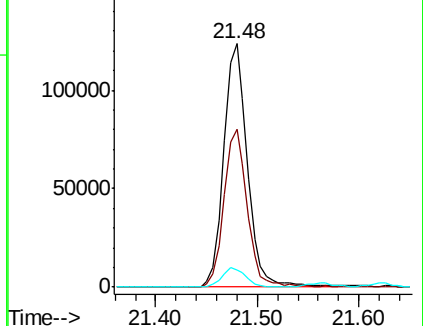
126 7.3 5.8 8.8

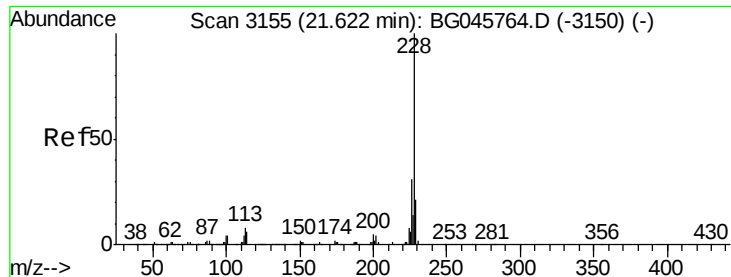


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.680 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

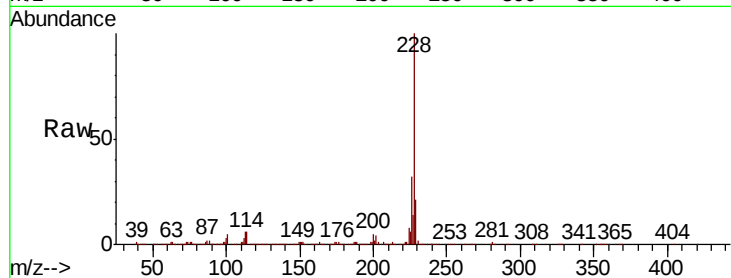
Tot Ion:228 Resp: 732344

Ion Ratio Lower Upper

228 100

226 31.7 25.1 37.7

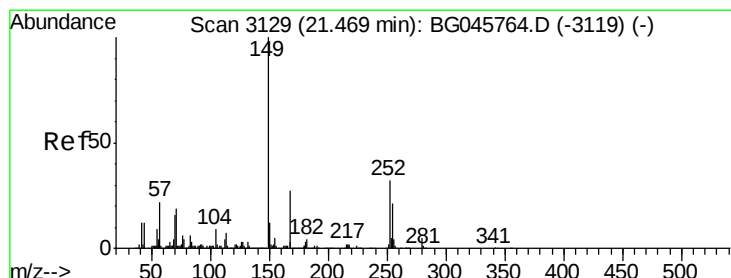
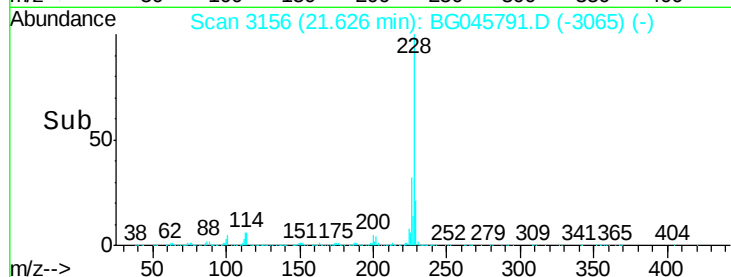
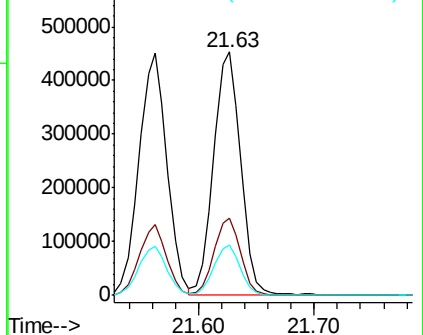
229 20.7 16.4 24.6



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: 33.515 ng

RT: 21.47 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

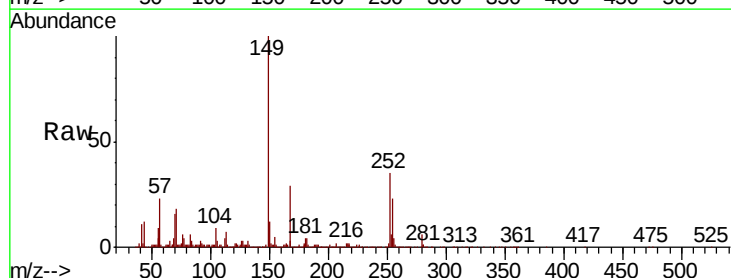
Tgt Ion:149 Resp: 453087

Ion Ratio Lower Upper

149 100

167 29.0 21.3 31.9

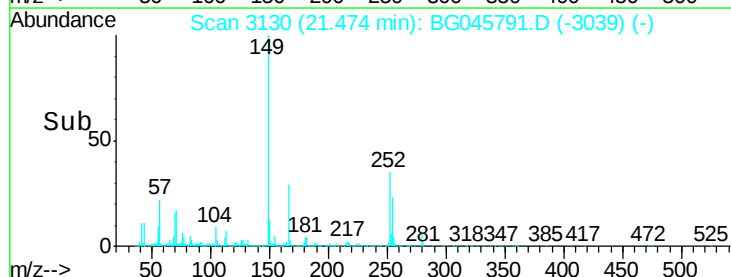
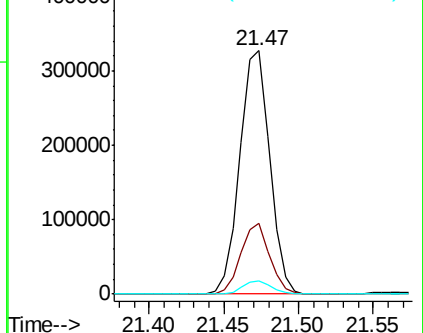
279 5.5 3.7 5.5

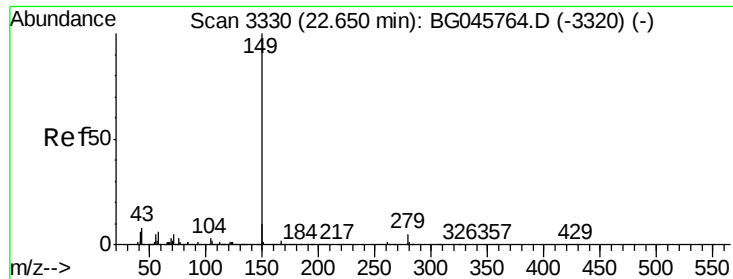


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.239 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

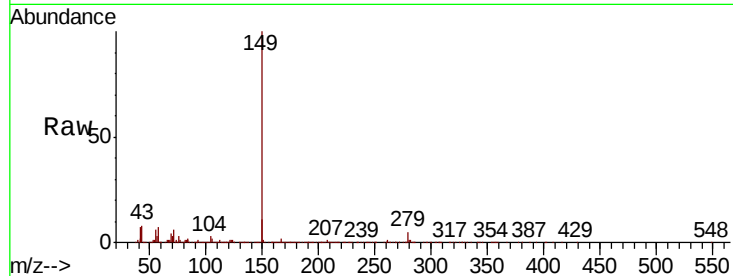
Tot Ion:149 Resp: 751802

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

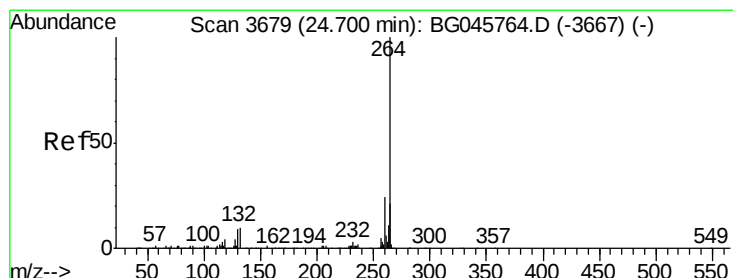
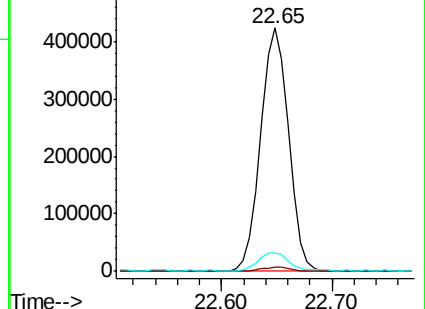
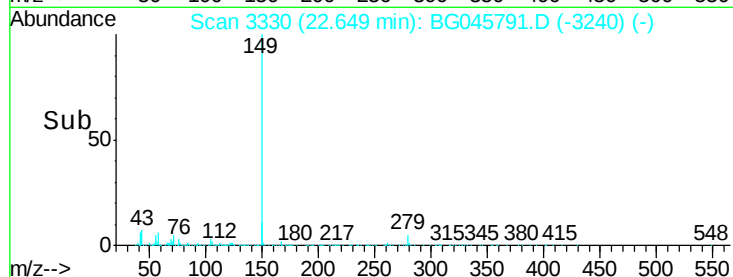
43 7.9 5.9 8.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3681

Delta R.T. 0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

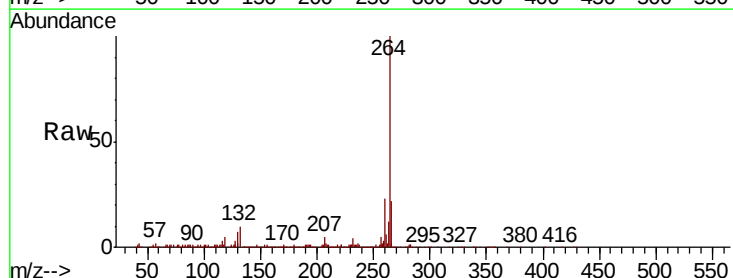
Tgt Ion:264 Resp: 375508

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

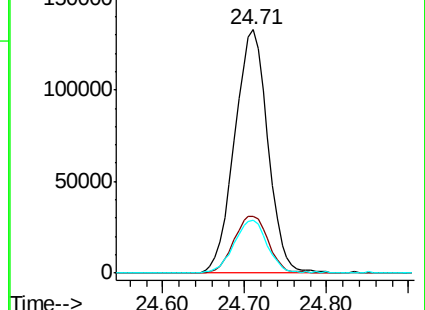
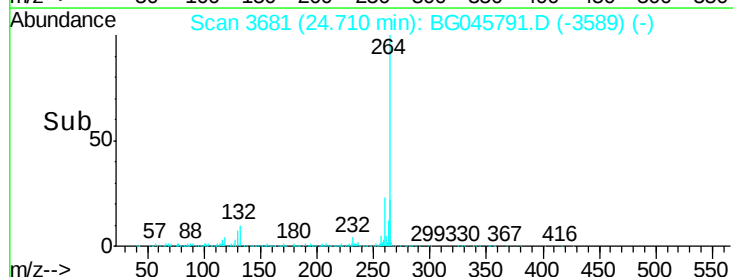
265 21.8 17.4 26.0

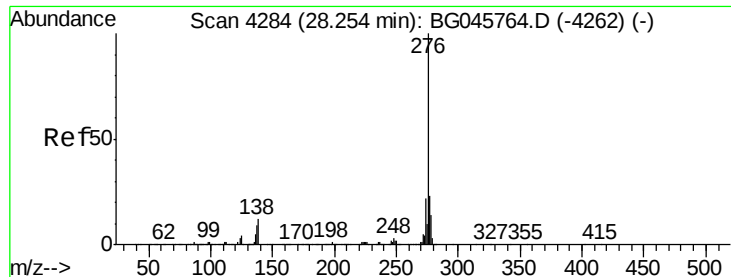


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.590 ng

RT: 28.28 min Scan# 4288

Delta R.T. 0.02 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

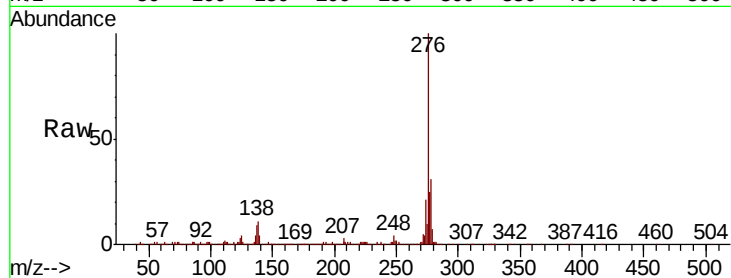
Tot Ion:276 Resp: 941629

Ion Ratio Lower Upper

276 100

138 14.1 5.4 8.0#

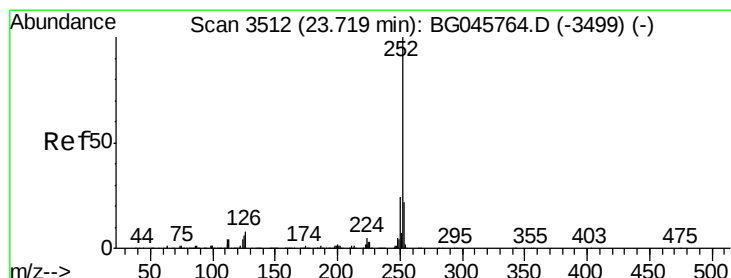
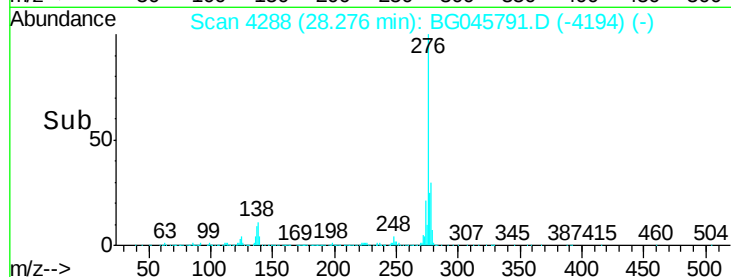
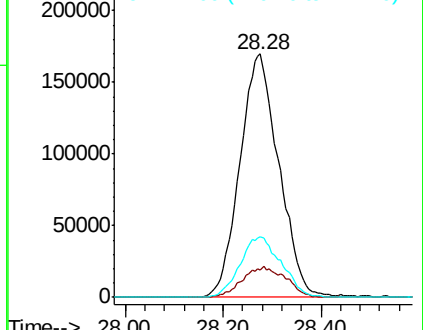
277 26.4 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 34.127 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

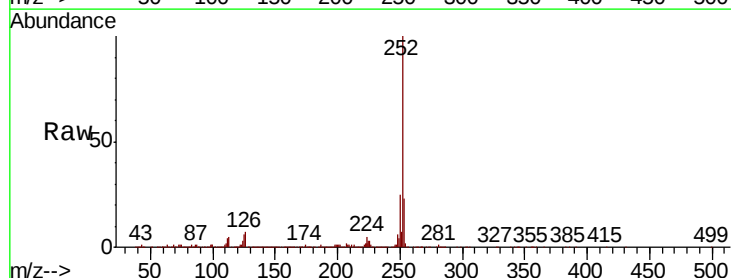
Tgt Ion:252 Resp: 803479

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

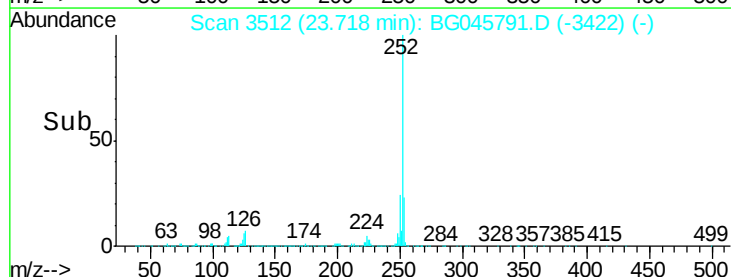
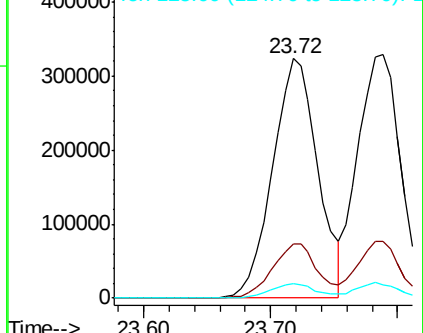
125 5.8 5.0 7.4

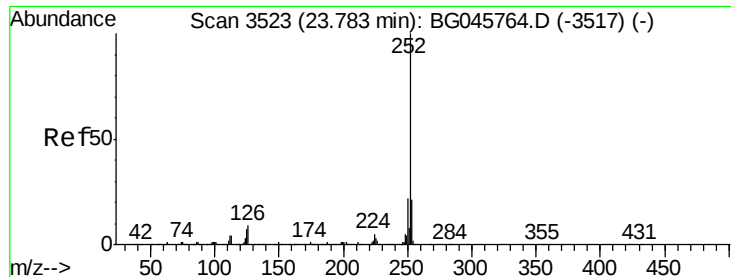


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

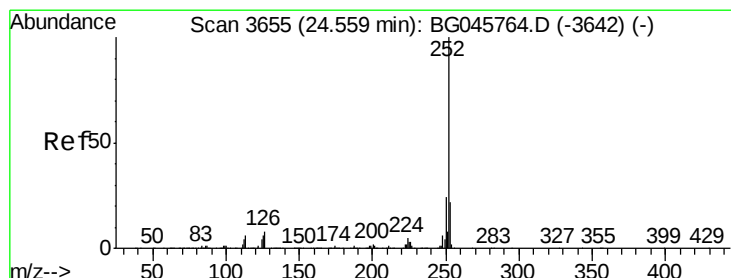
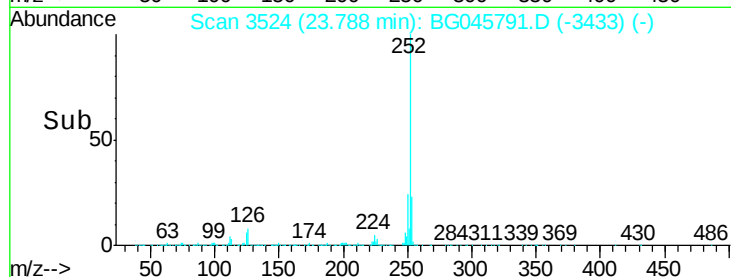
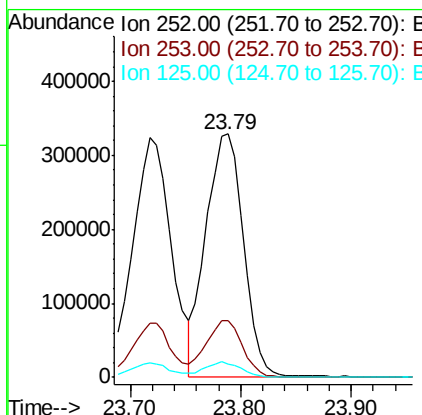
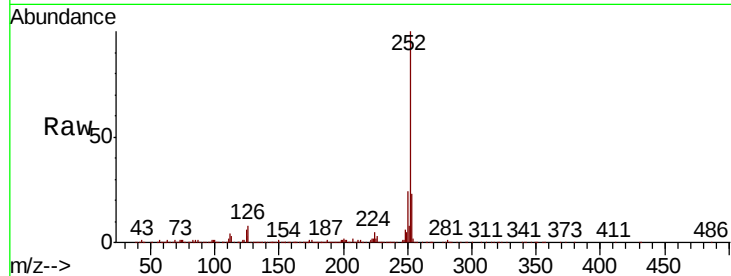




#89
Benzo(k)fluoranthene
Concen: 34.126 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

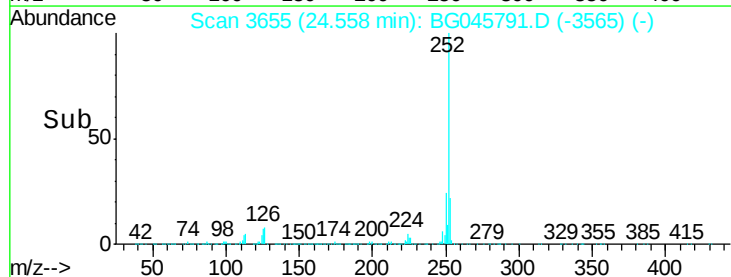
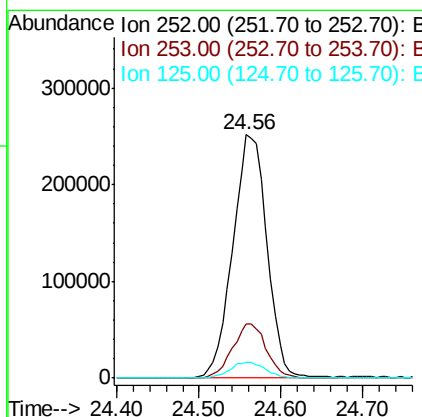
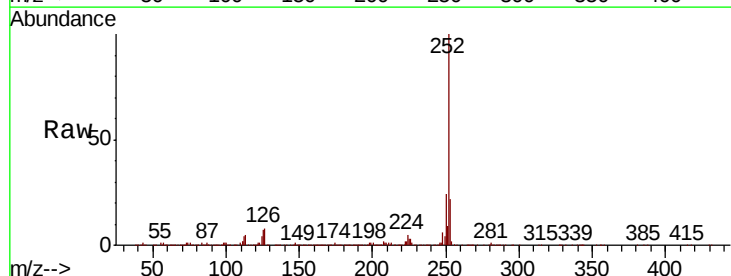
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

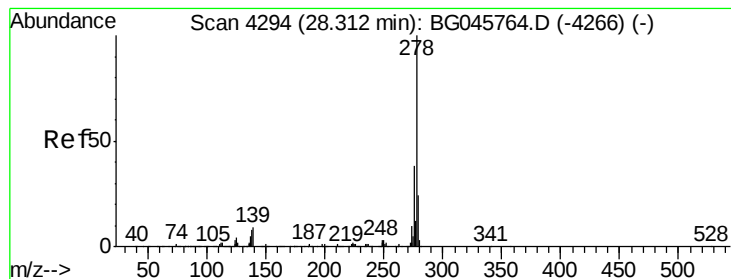
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	5.7	5.2	7.8



#90
Benzo(a)pyrene
Concen: 33.266 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	6.6	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 35.910 ng

RT: 28.32 min Scan# 4295

Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

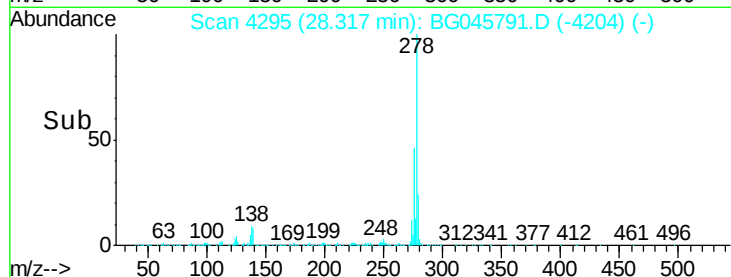
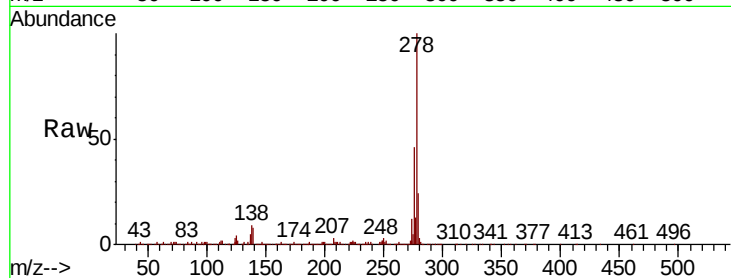
BNA_G

ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion:278 Resp: 783911

Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.3	10.9
279	24.2	19.5	29.3

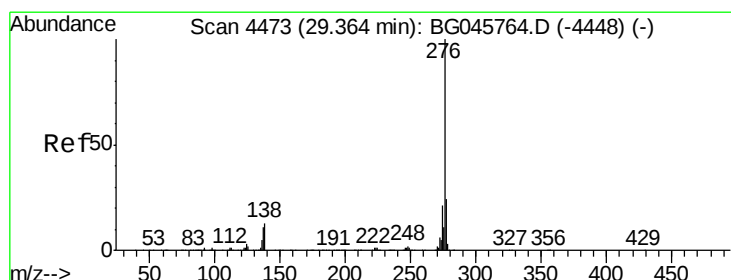
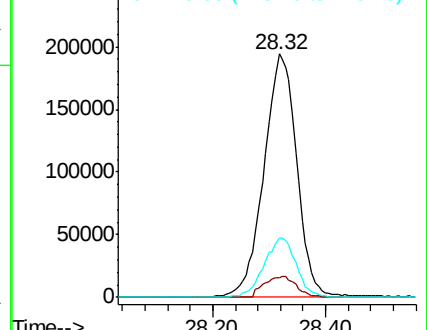


Abundance

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: 35.476 ng

RT: 29.37 min Scan# 4475

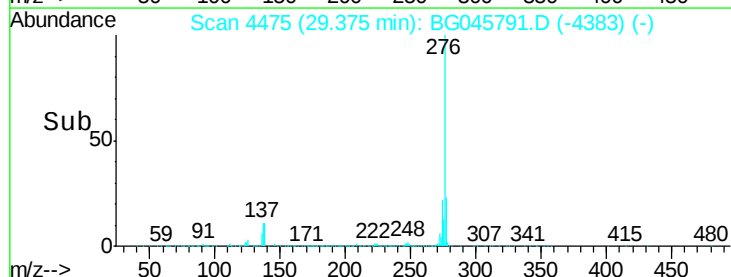
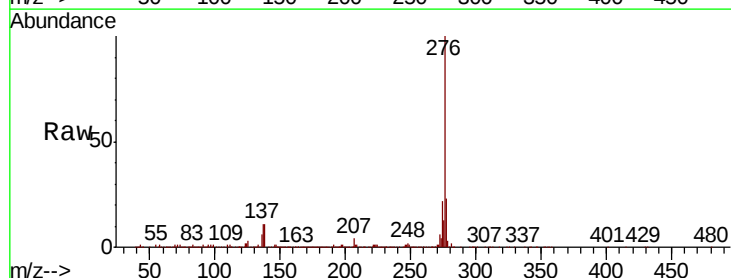
Delta R.T. 0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion:276 Resp: 775155

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	10.9	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

