

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

Manual Integrations
 APPROVED

mohammad
 6/19/2020 9:24:26 AM

Quant Time: Jun 17 16:00:17 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	51734m	39.332	ng	
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

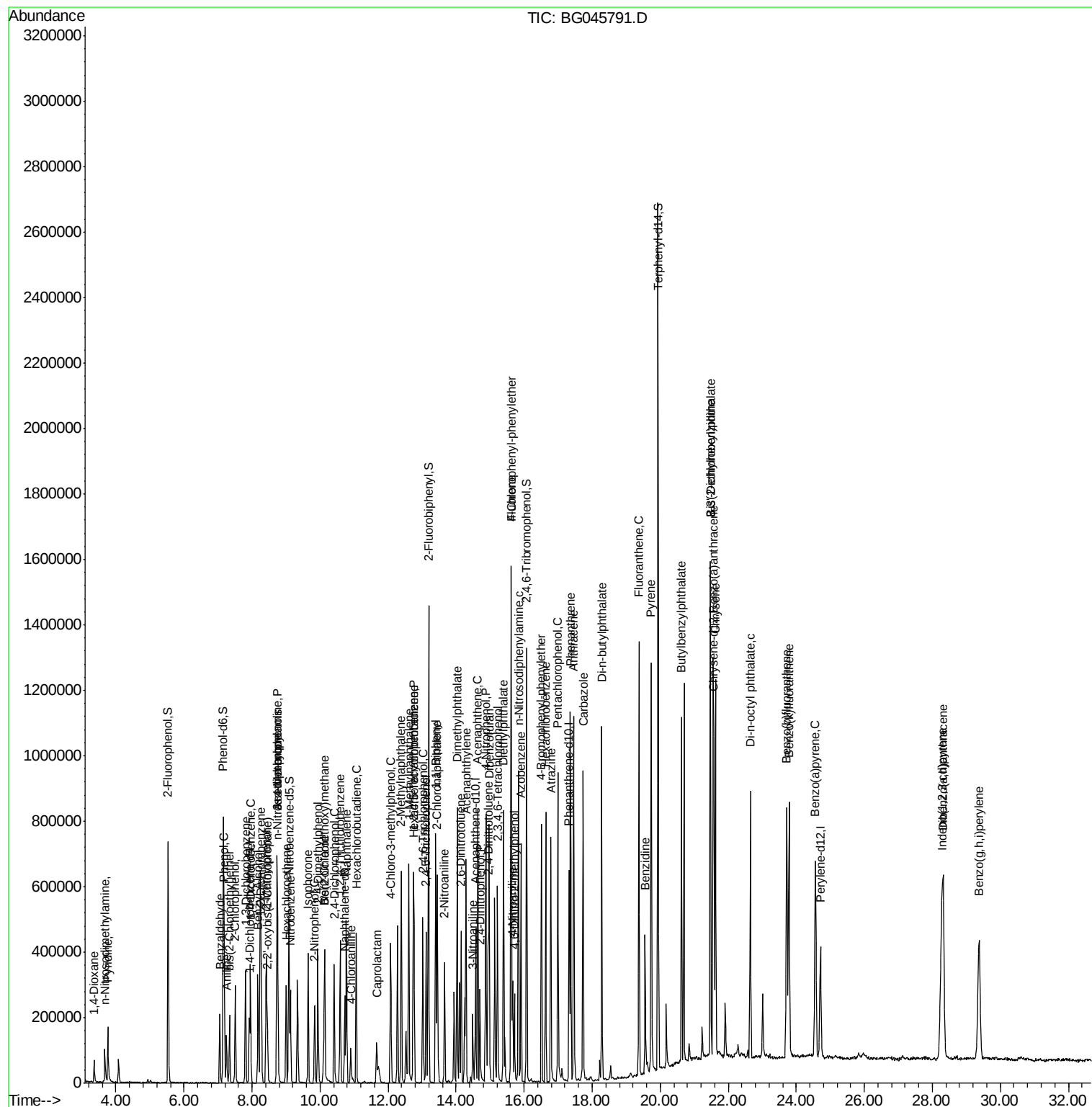
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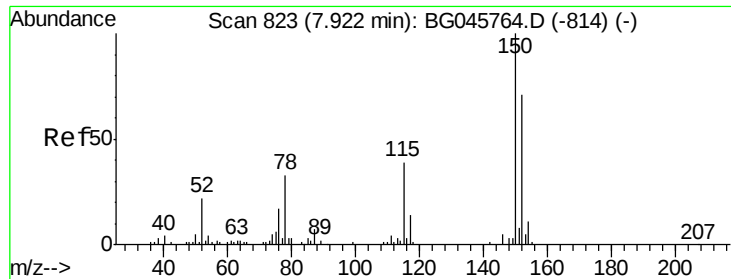
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

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#1

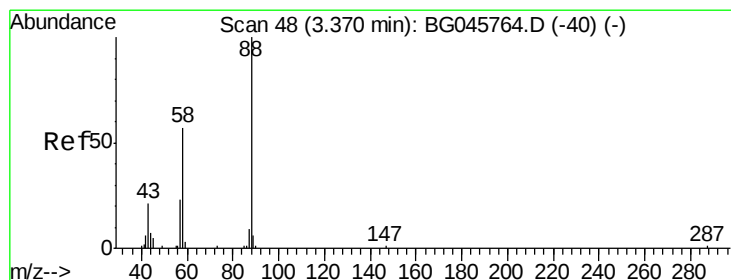
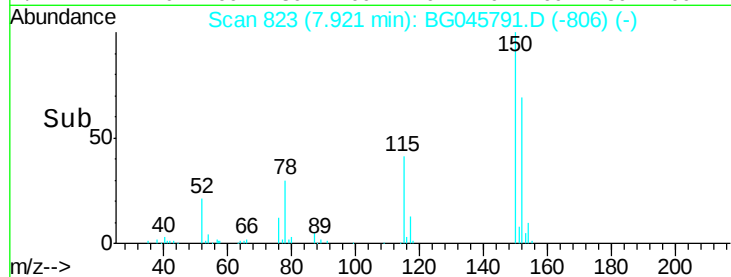
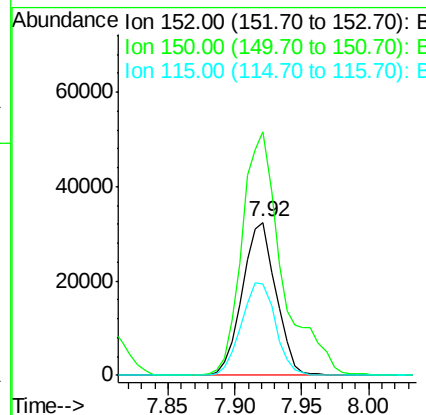
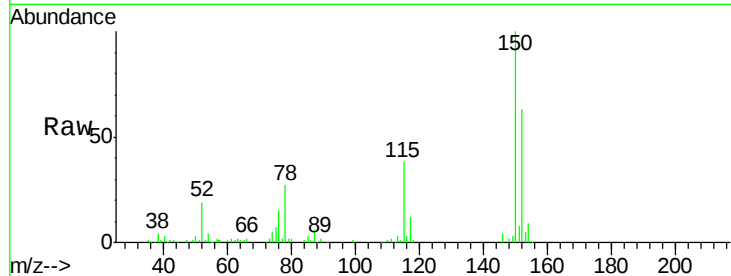
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	113.1	169.7
115	60.0	43.8	65.6

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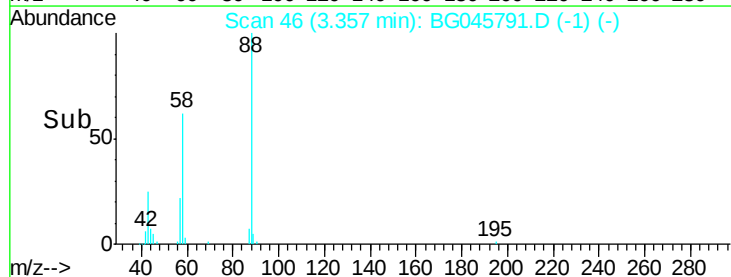
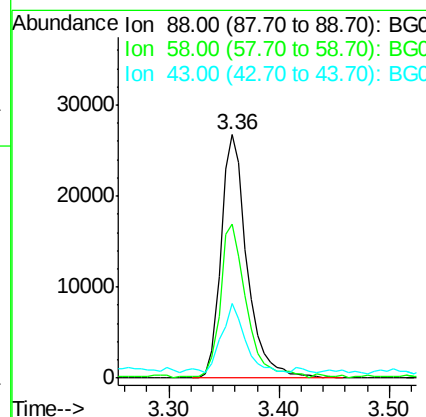
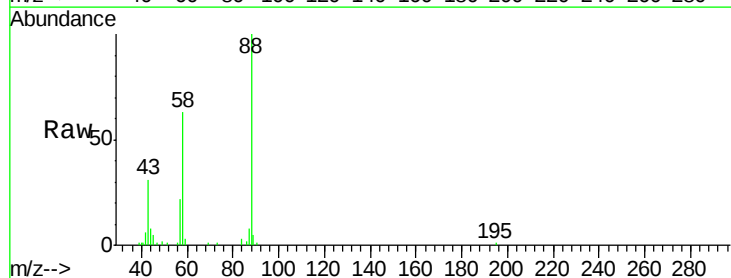
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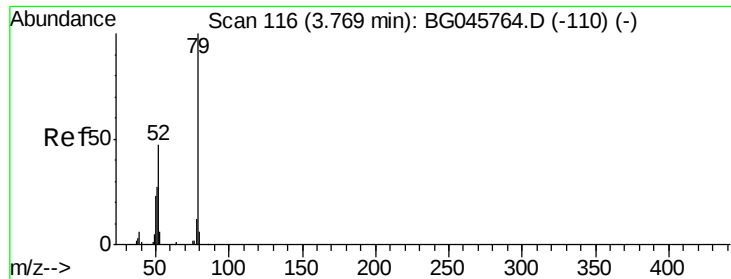


#2

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	Ratio	Lower	Upper
88	100		
58	64.1	46.1	69.1
43	26.8	19.2	28.8





#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

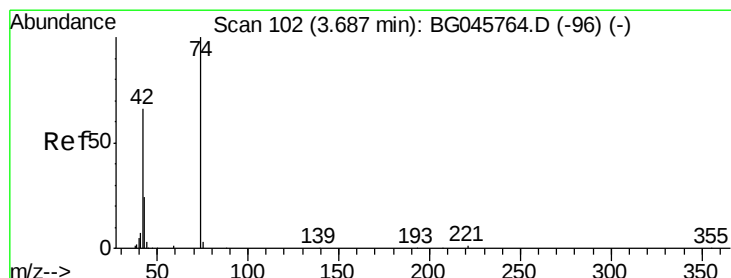
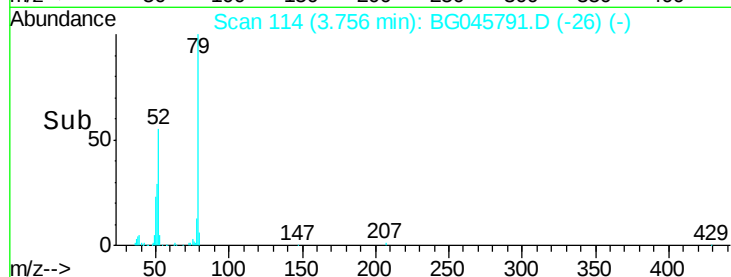
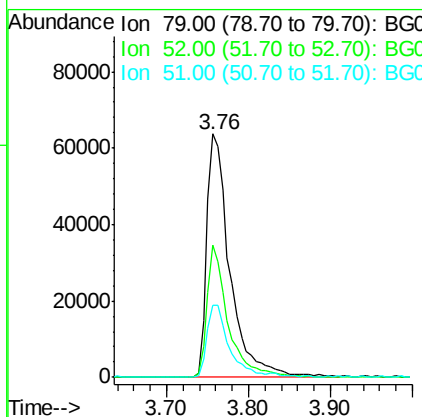
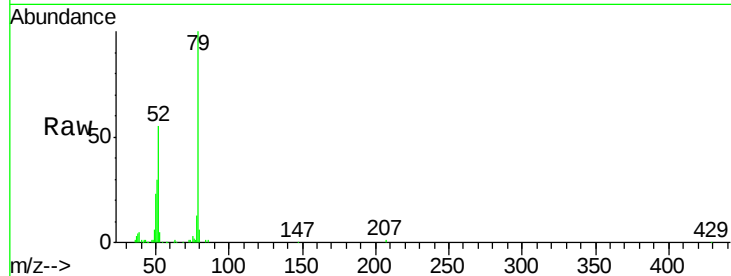
ClientSampleId :

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

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#4

n-Nitrosodimethylamine

Concen: 34.550 ng

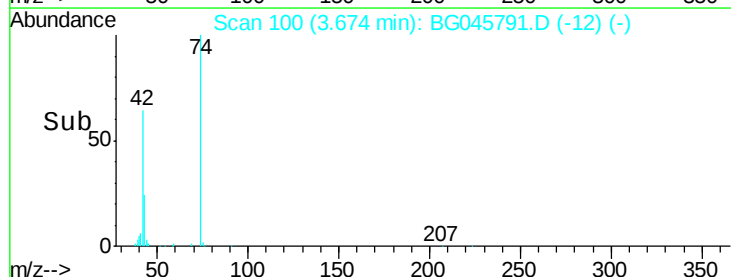
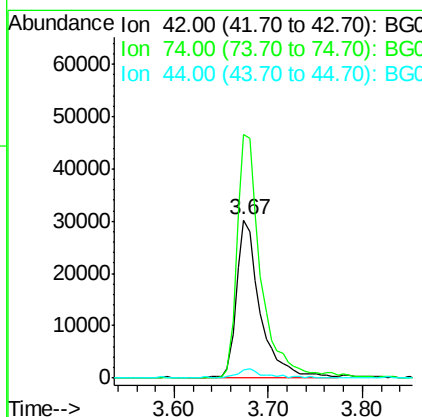
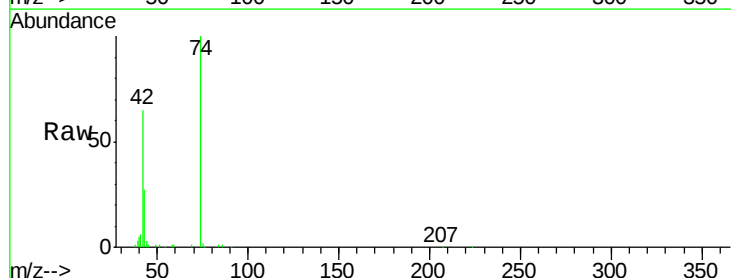
RT: 3.67 min Scan# 100

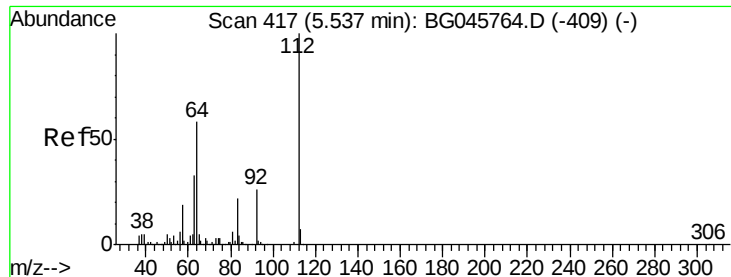
Delta R.T. -0.01 min

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





#5

2-Fluorophenol

Concen: 103.565 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

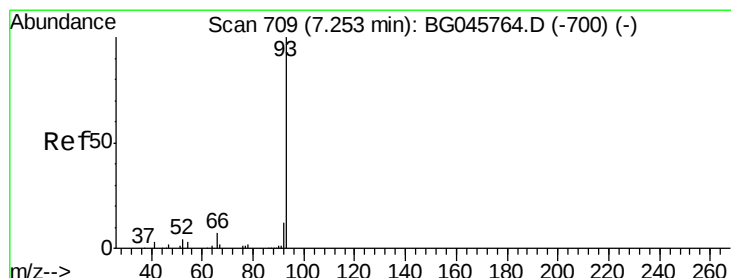
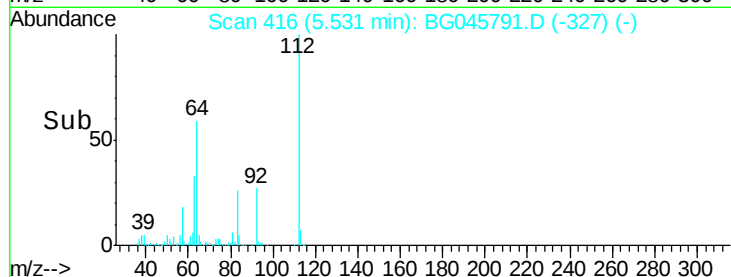
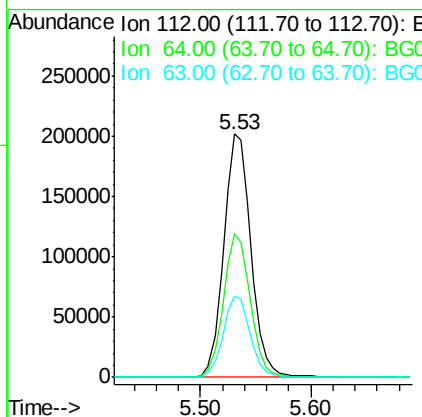
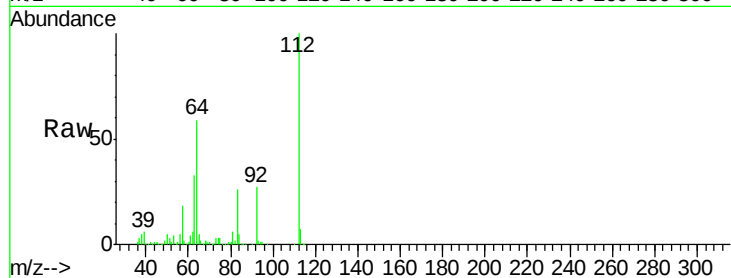
ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion:	112	Resp:	347111
Ion Ratio	Lower	Upper	
112	100		
64	59.1	46.6	69.8
63	33.3	26.3	39.5

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#6

Aniline

Concen: 16.991 ng

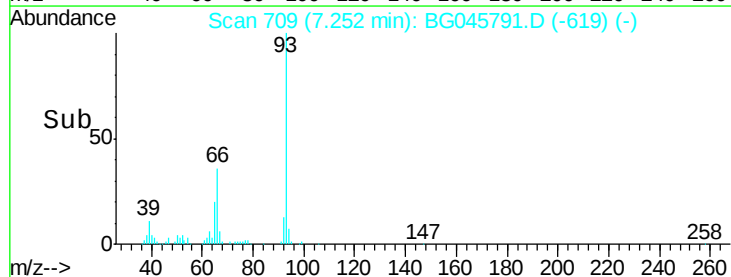
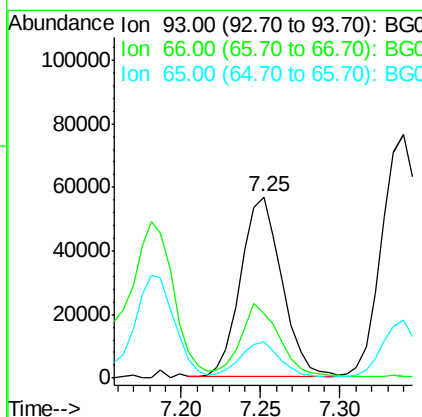
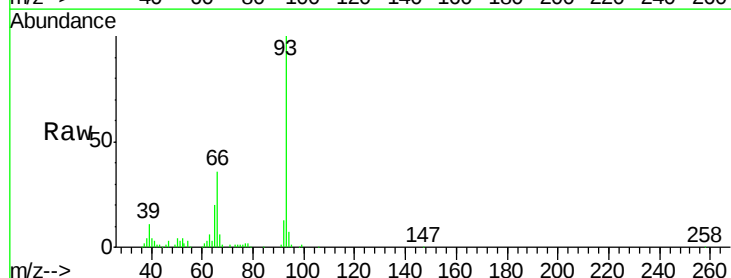
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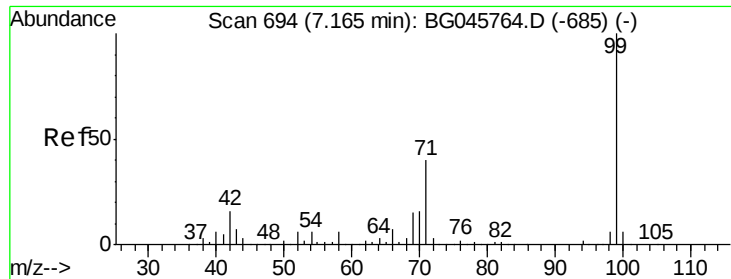
Delta R.T. -0.00 min

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





#7

Phenol-d6

Concen: 100.656 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

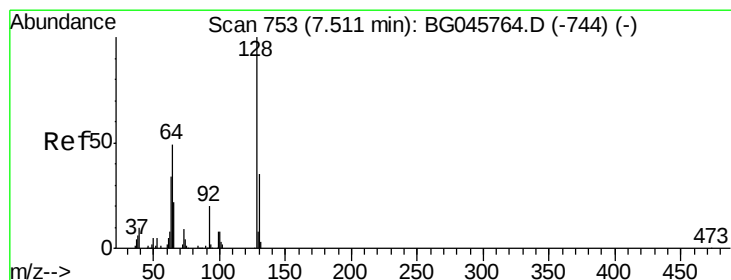
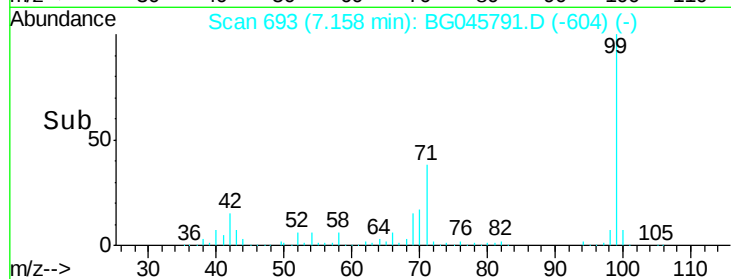
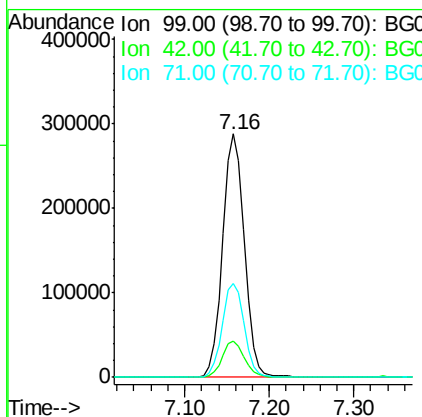
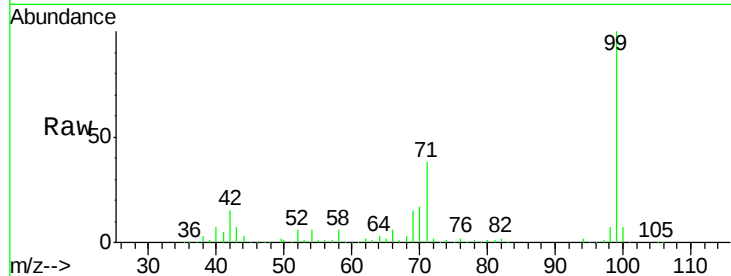
ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		513156		
42	15.1	12.4	18.6		
71	38.4	32.1	48.1		

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#8

2-Chlorophenol

Concen: 38.433 ng

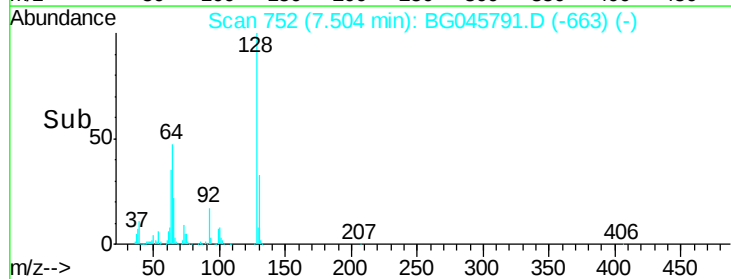
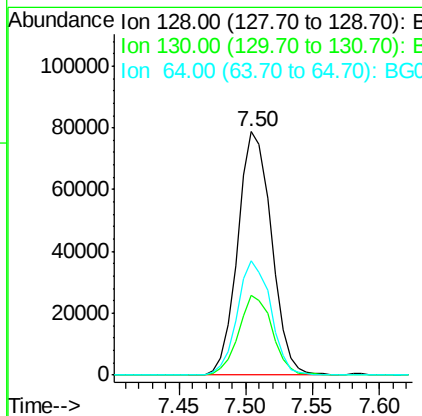
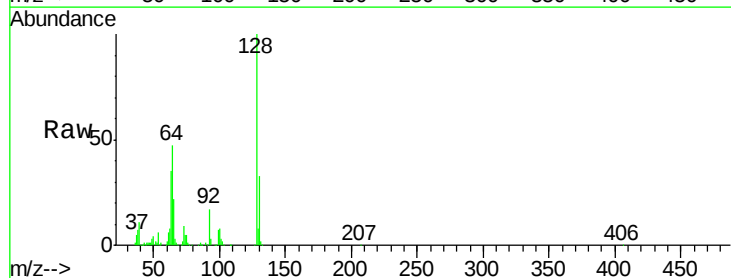
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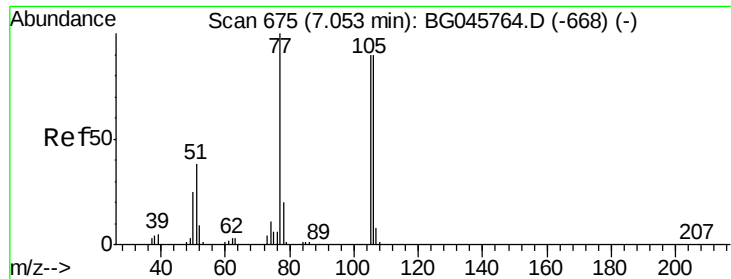
Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		137881		
130	32.9	14.5	54.5		
64	47.1	31.6	71.6		





#9

Benzaldehyde

Concen: 27.757 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Instrument :

BNA_G

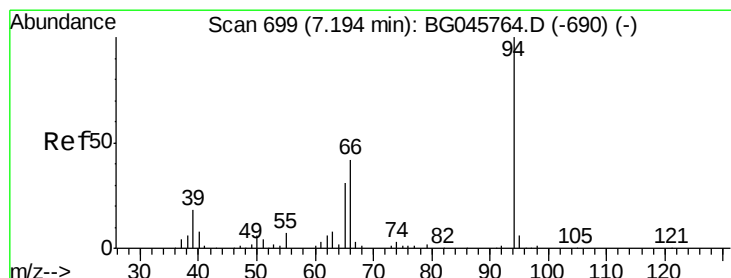
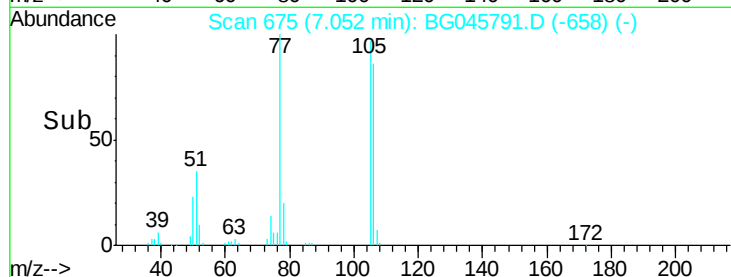
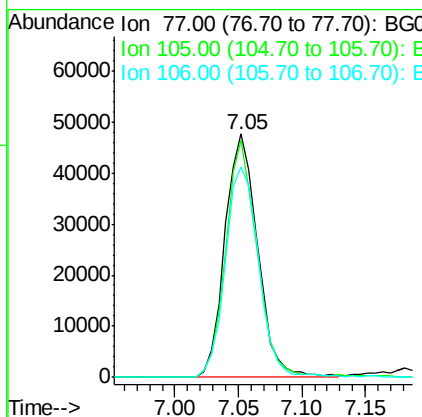
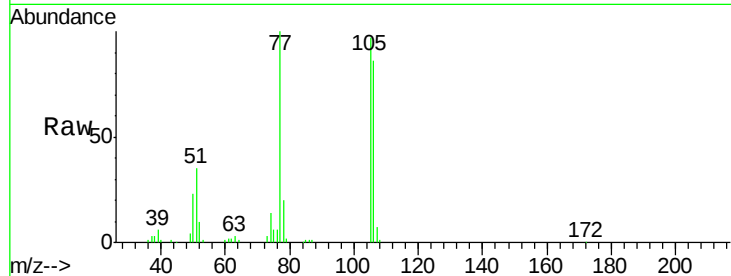
ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.5	70.4	110.4
106	86.2	70.2	110.2

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#10

Phenol

Concen: 37.740 ng

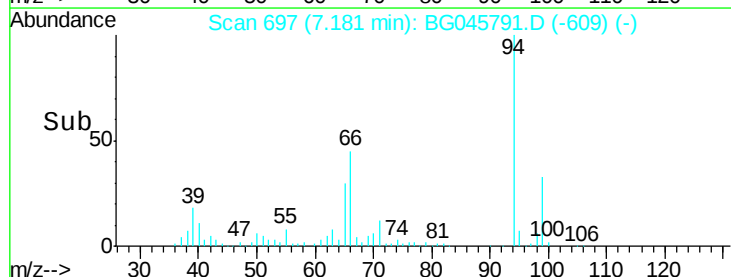
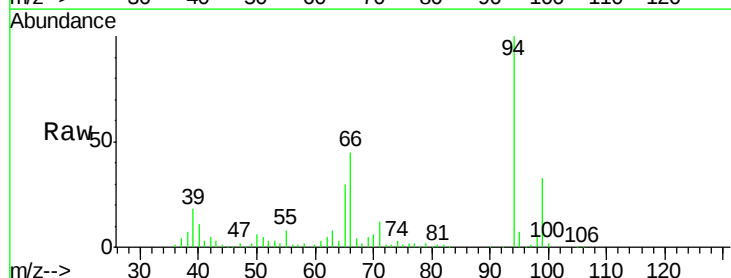
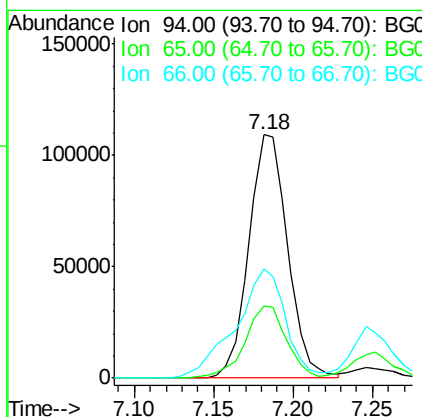
RT: 7.18 min Scan# 697

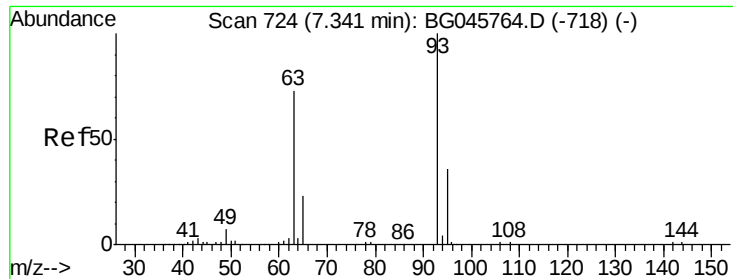
Delta R.T. -0.01 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.7	50.7
66	44.9	22.5	62.5





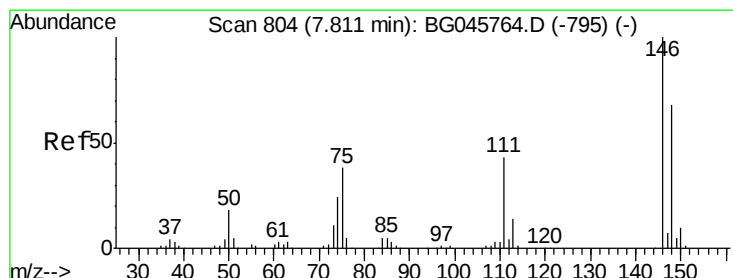
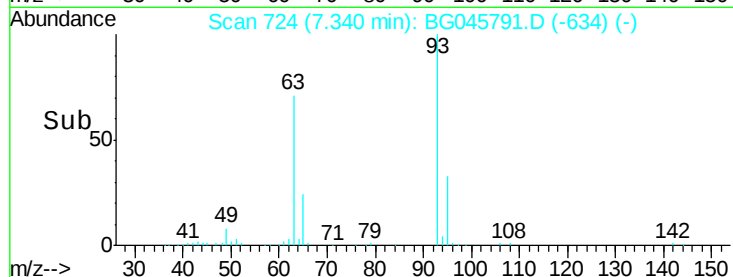
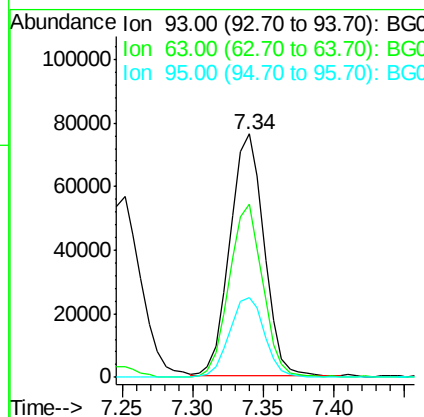
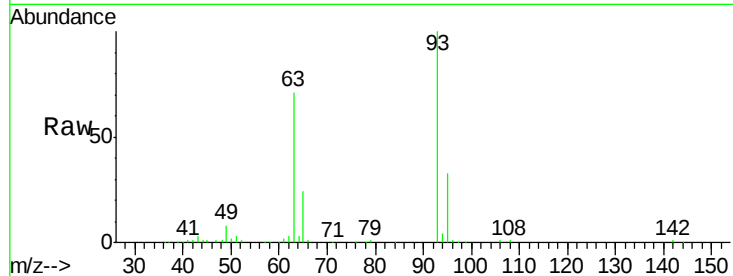
#11
bis(2-Chloroethyl)ether
Concen: 34.223 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	52.0	92.0
95	32.6	15.6	55.6

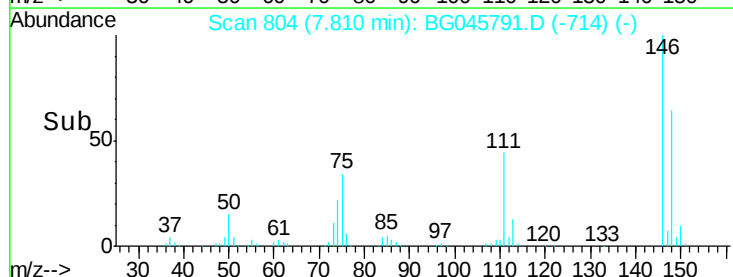
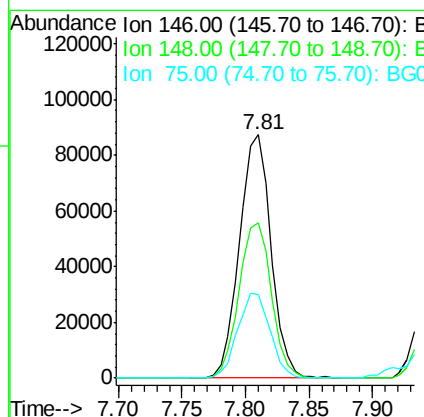
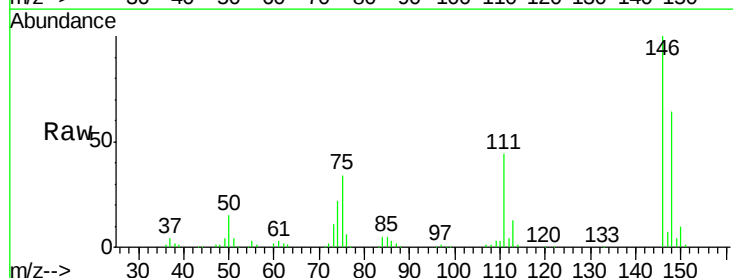
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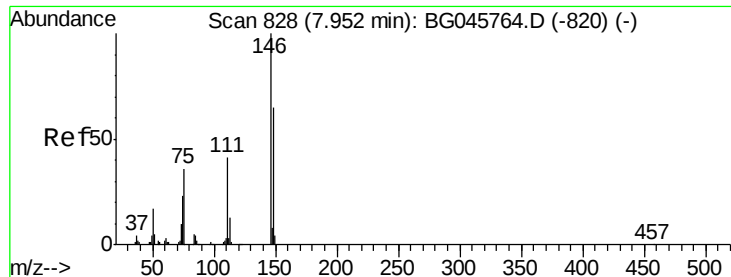
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.294 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	54.2	81.4
75	34.5	30.1	45.1





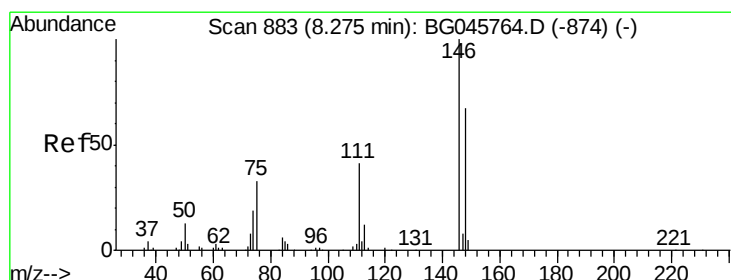
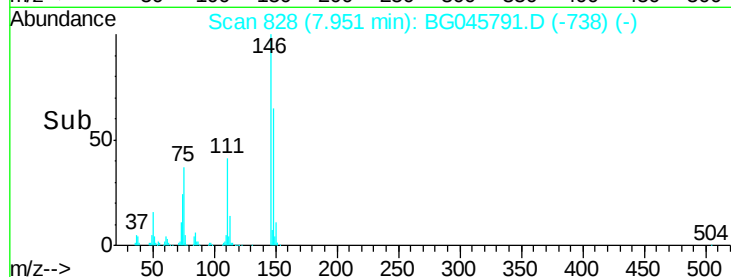
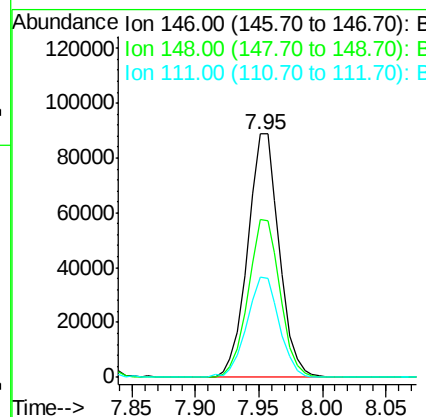
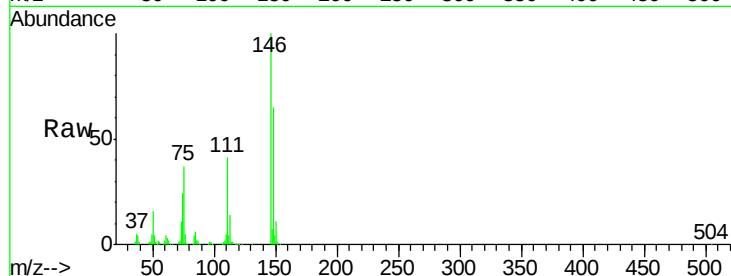
#13
1,4-Dichlorobenzene
Concen: 35.978 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	41.1	32.8	49.2

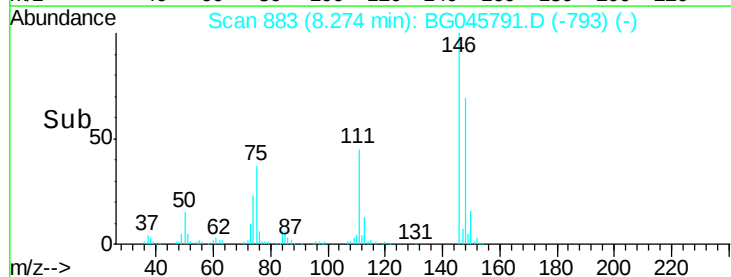
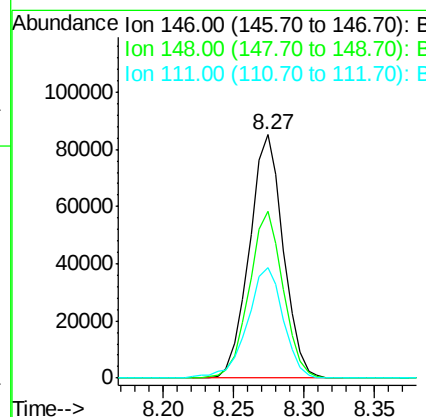
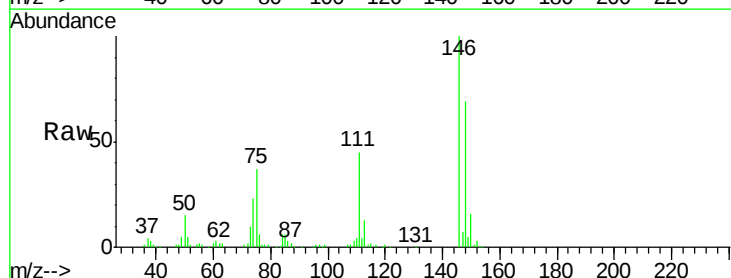
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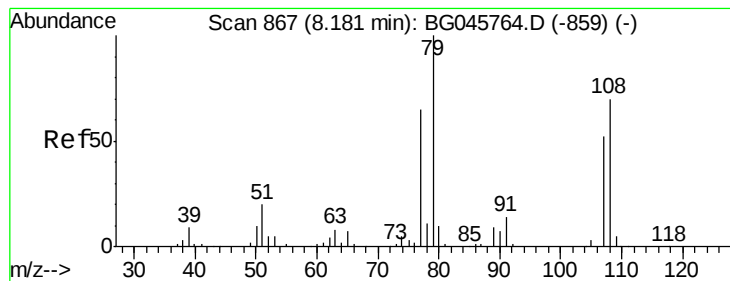
mohammad
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#14
1,2-Dichlorobenzene
Concen: 35.118 ng
RT: 8.27 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	54.1	81.1
111	45.4	32.9	49.3





#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

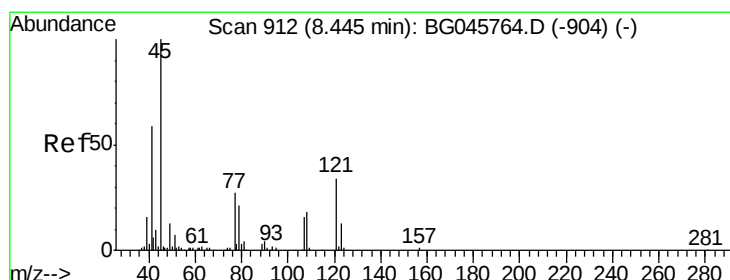
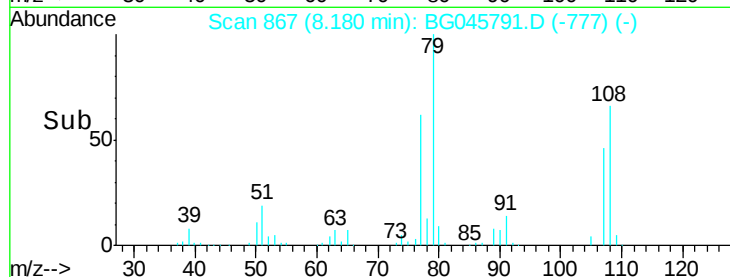
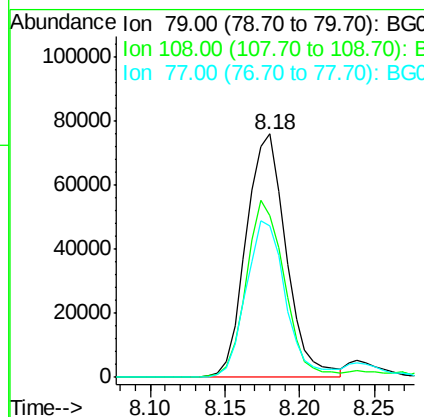
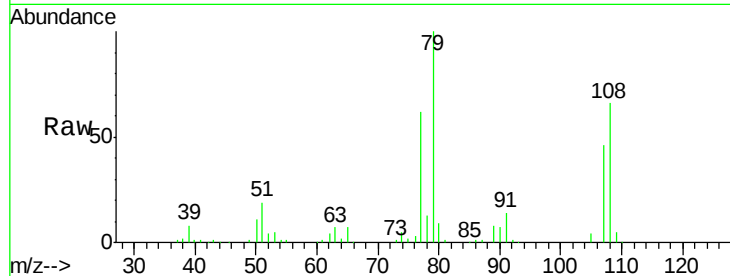
ClientSampleId :

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

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.865 ng

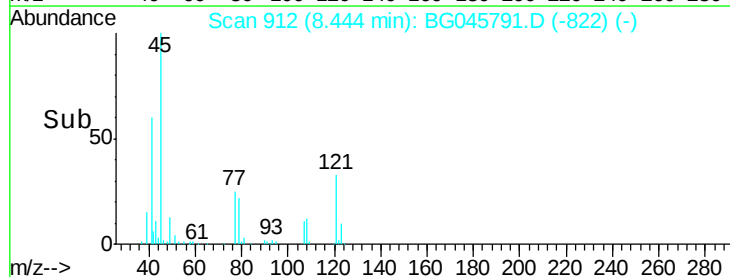
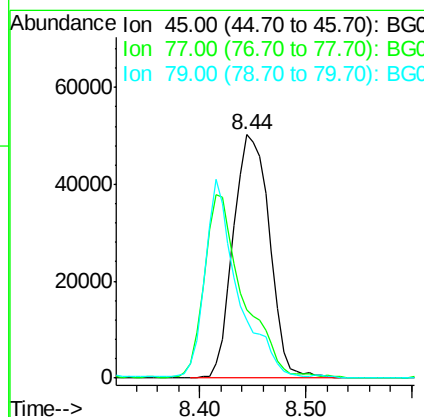
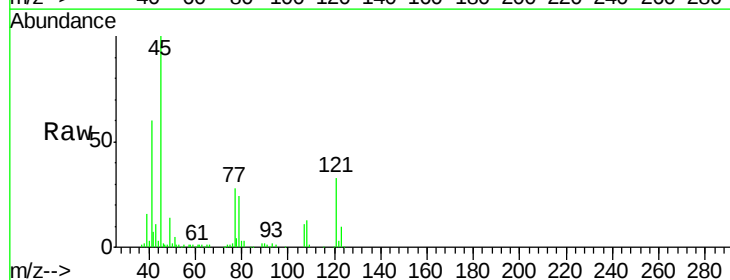
RT: 8.44 min Scan# 912

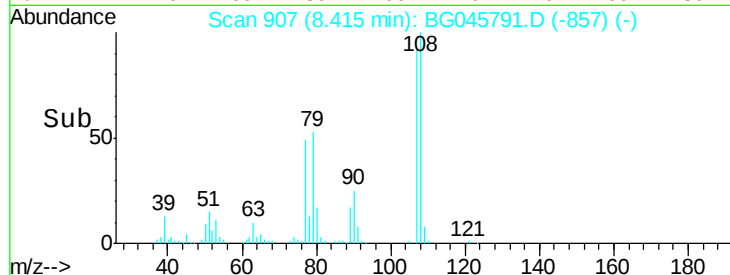
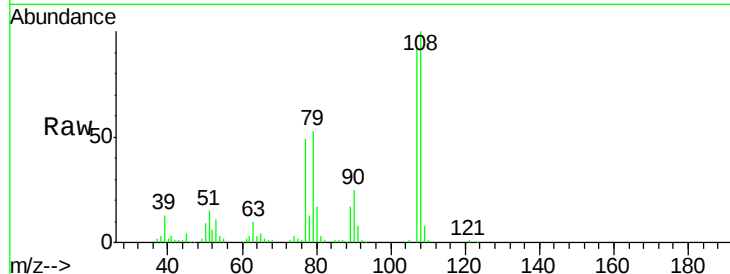
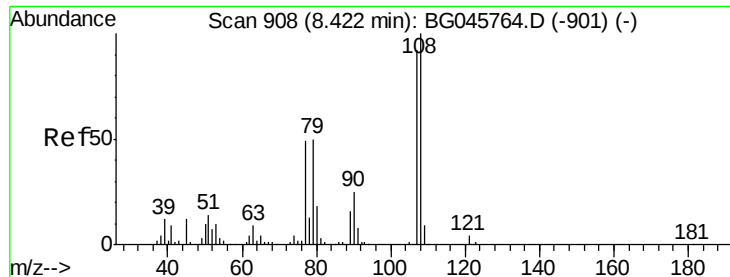
Delta R.T. -0.00 min

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





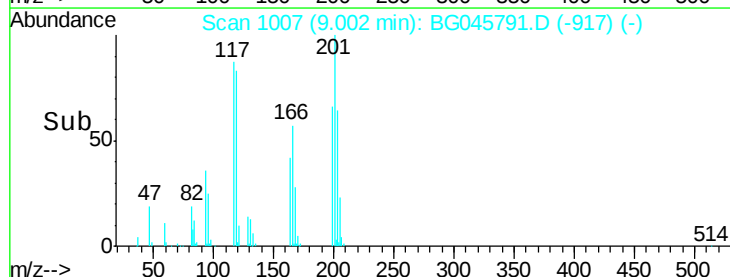
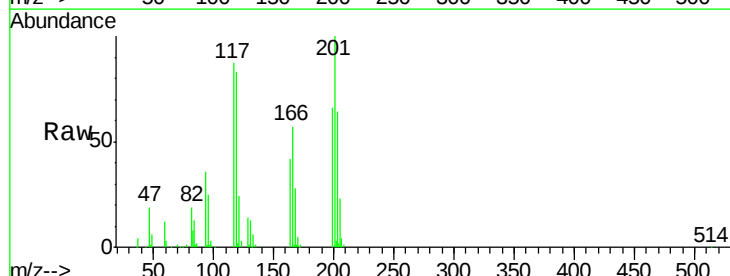
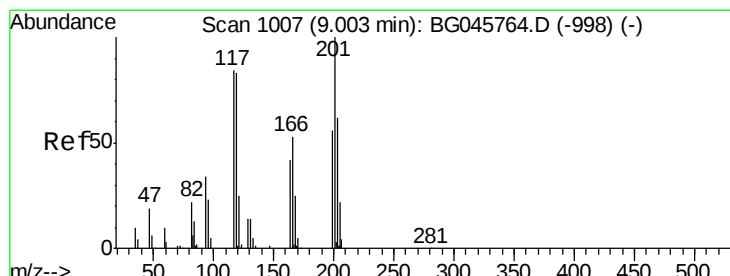
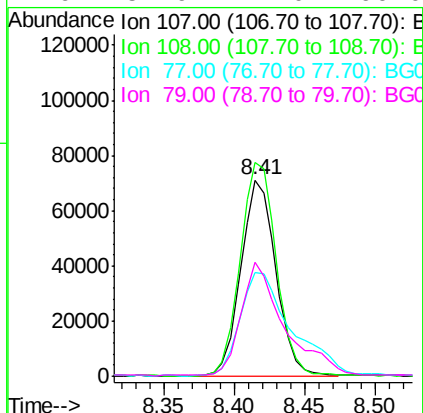
#17
2-Methylphenol
Concen: 33.543 ng
RT: 8.41 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

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

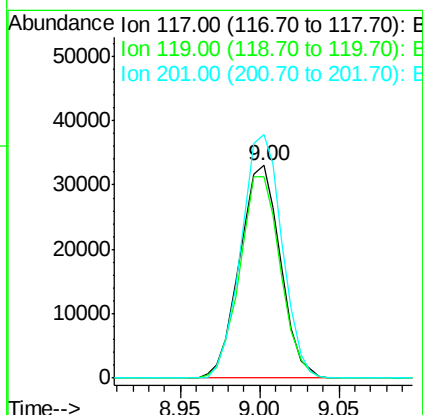
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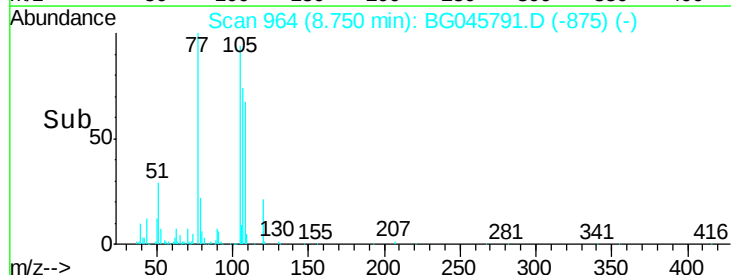
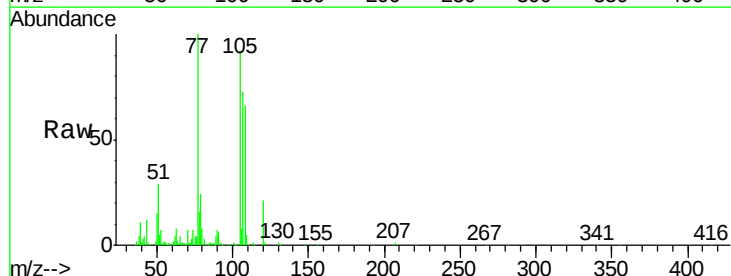
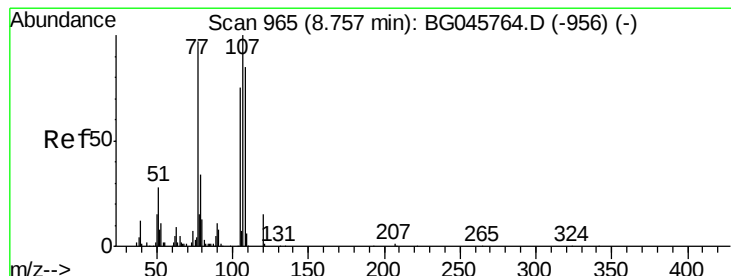
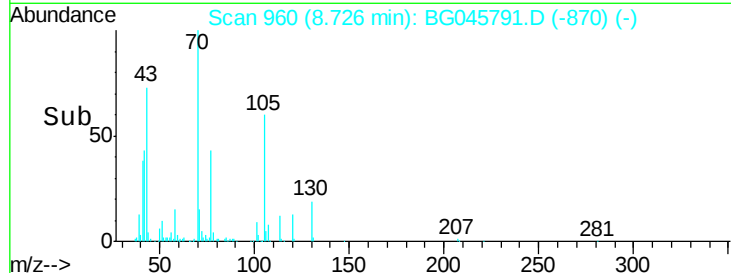
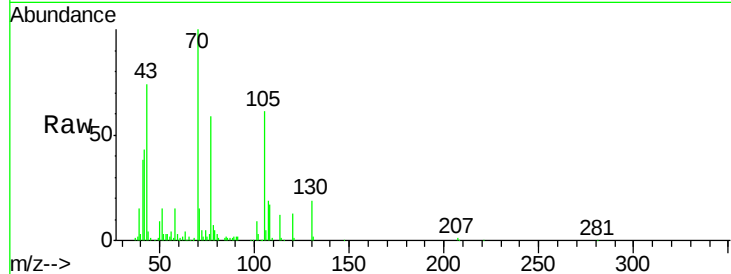
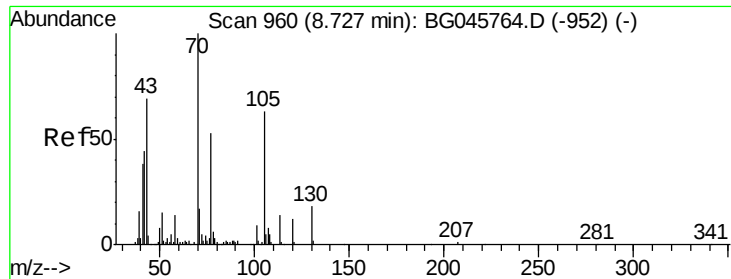
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#18
Hexachloroethane
Concen: 36.440 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

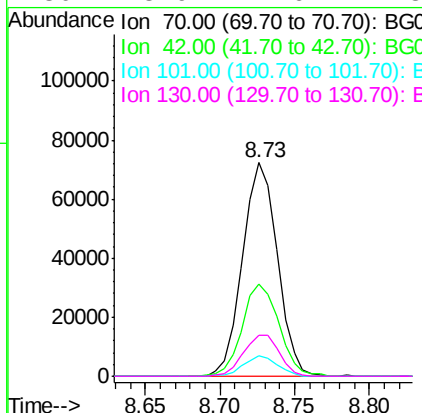
Tgt Ion	117	Resp	59102
Ion Ratio	Lower	Upper	
117	100		
119	94.7	78.9	118.3
201	114.4	95.5	143.3





#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

Tot Ion	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	



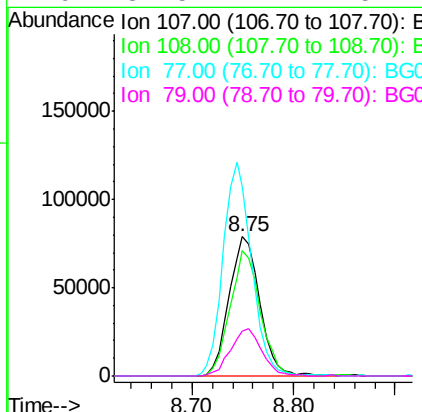
Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MS

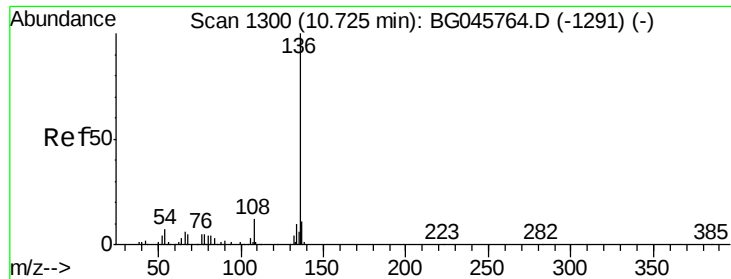
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#20
3+4-Methylphenols
Concen: 34.264 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	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	





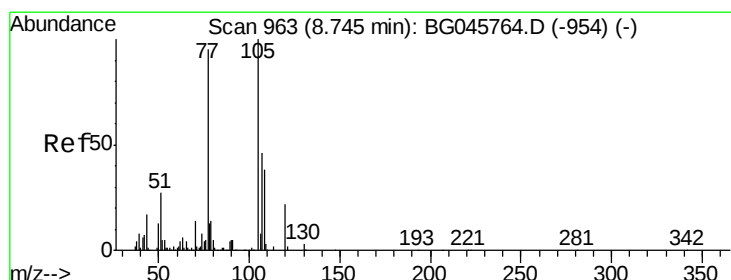
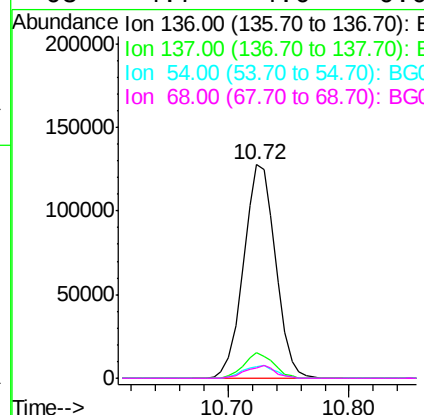
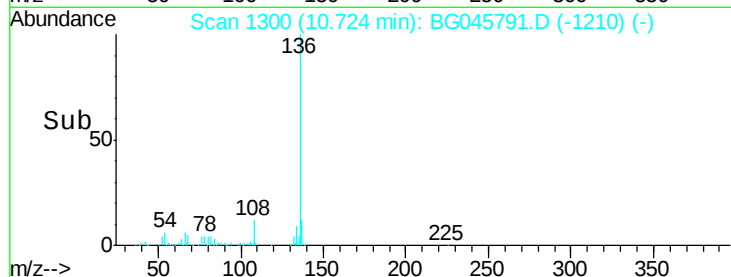
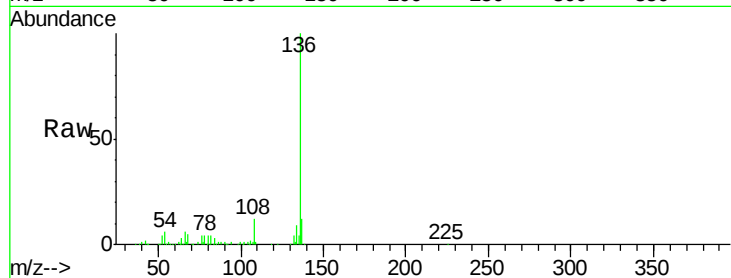
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

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

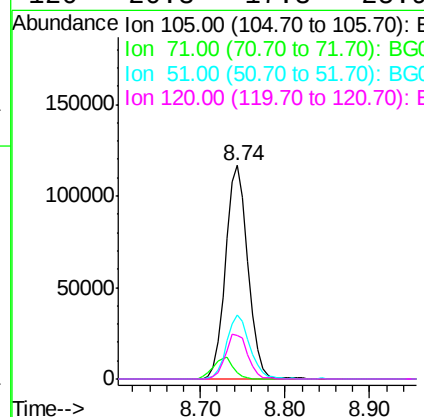
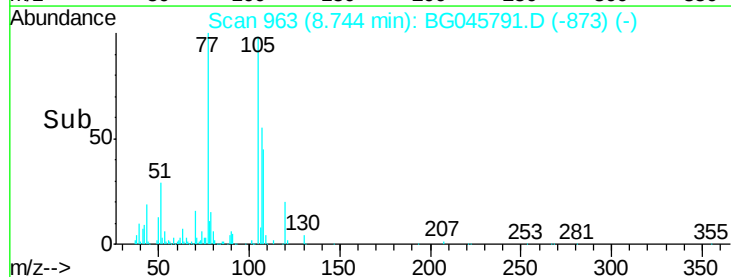
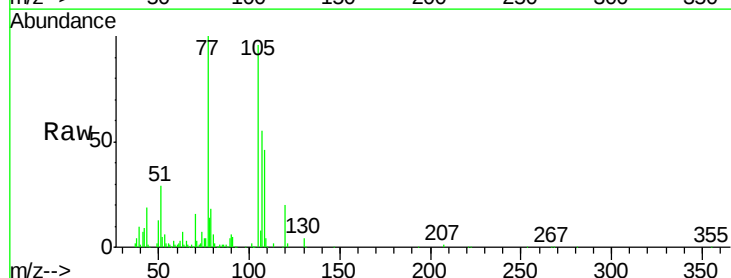
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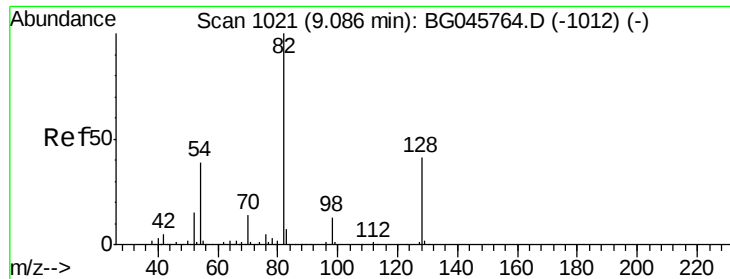
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#22
Acetophenone
Concen: 33.018 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		212670		
71	3.0		1.8	2.8	
51	29.9		21.9	32.9	
120	20.3		17.3	25.9	





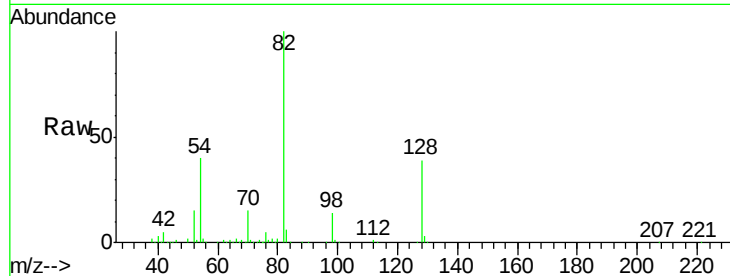
#23
Nitrobenzene-d5
Concen: 65.803 ng
RT: 9.08 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

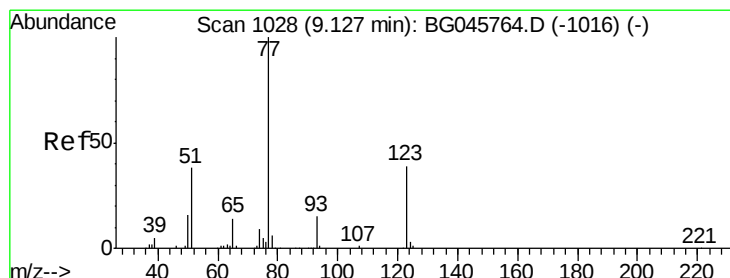
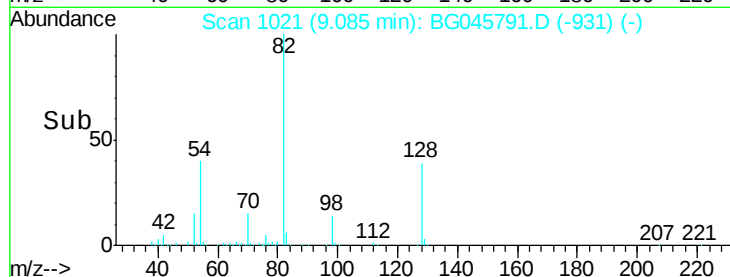
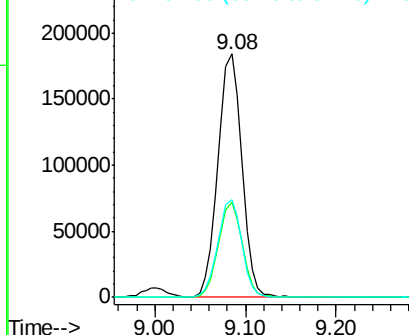
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.5	48.7
54	39.9	31.2	46.8

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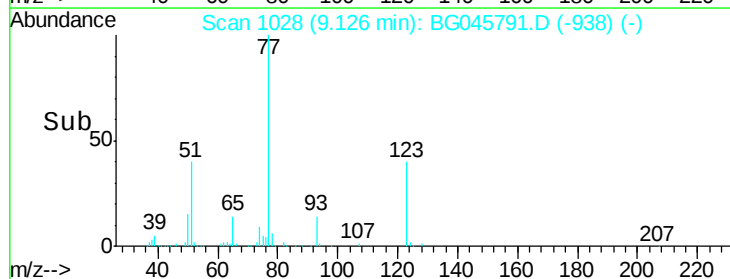
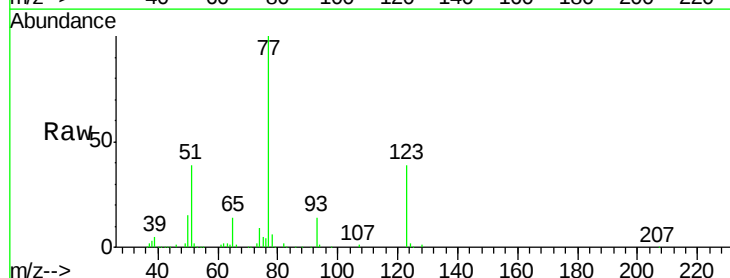
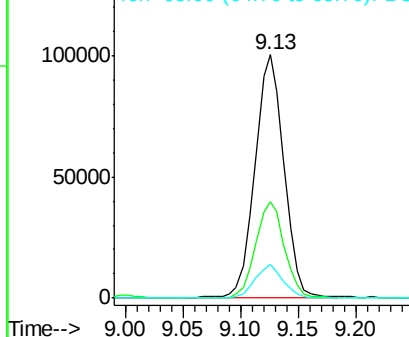
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

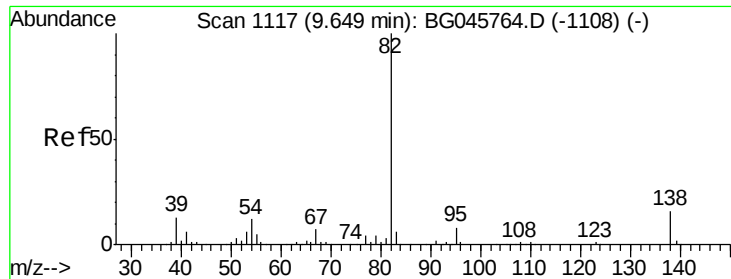


#24
Nitrobenzene
Concen: 32.109 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
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

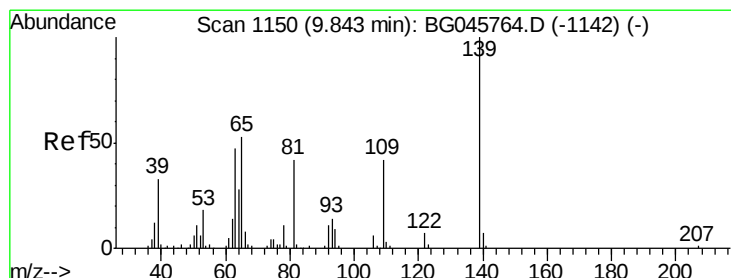
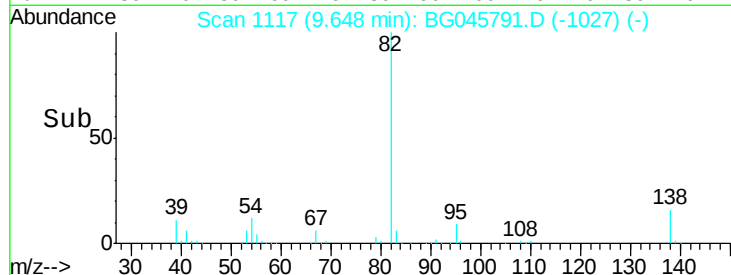
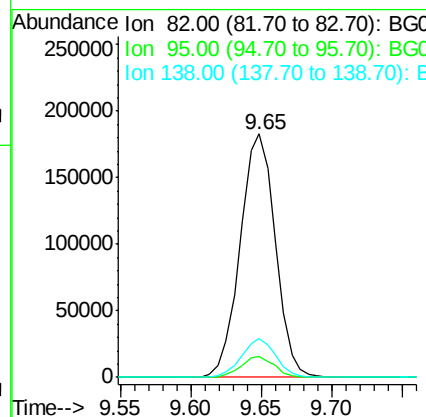
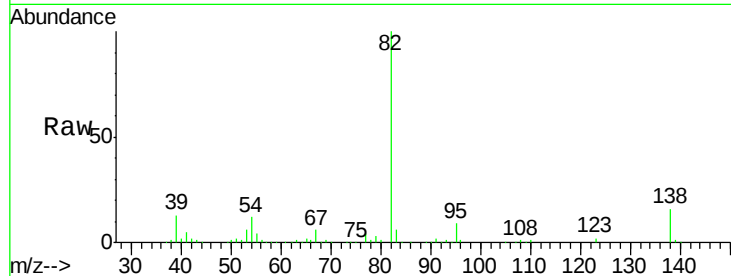
ClientSampleId :

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

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#26

2-Nitrophenol

Concen: 34.417 ng

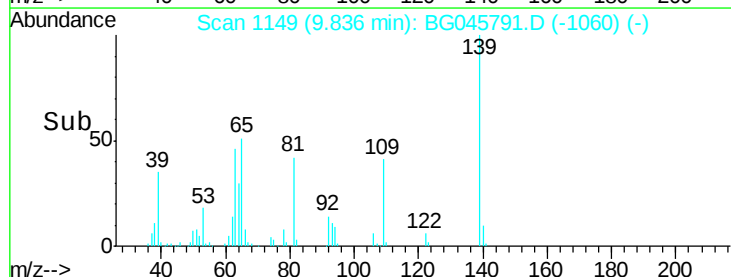
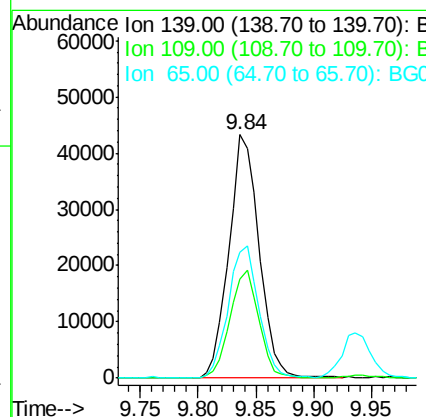
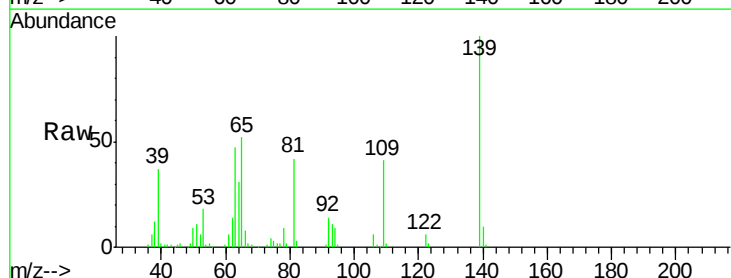
RT: 9.84 min Scan# 1149

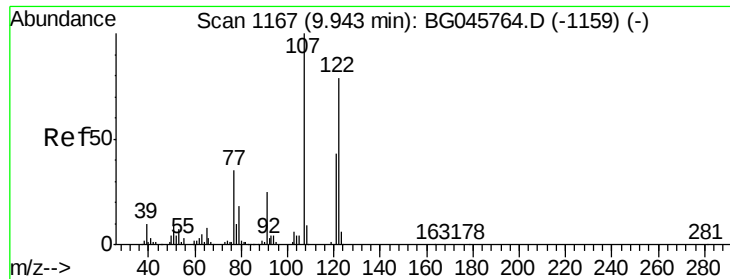
Delta R.T. -0.01 min

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





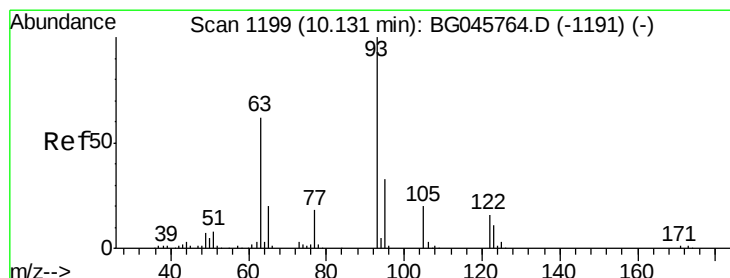
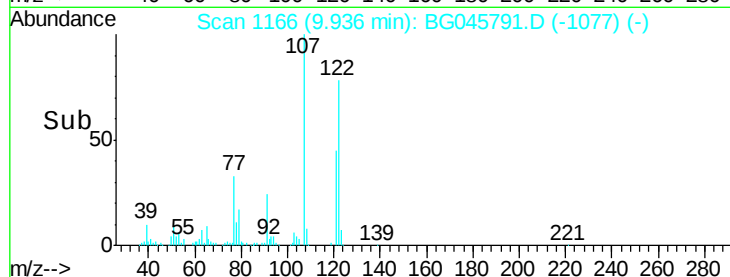
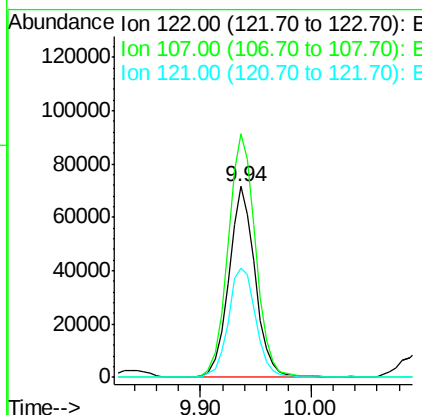
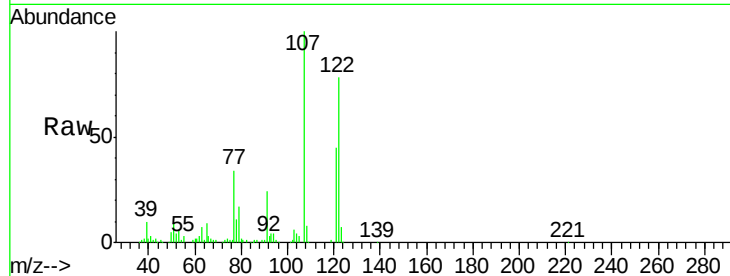
#27
 2,4-Dimethylphenol
 Concen: 34.121 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

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

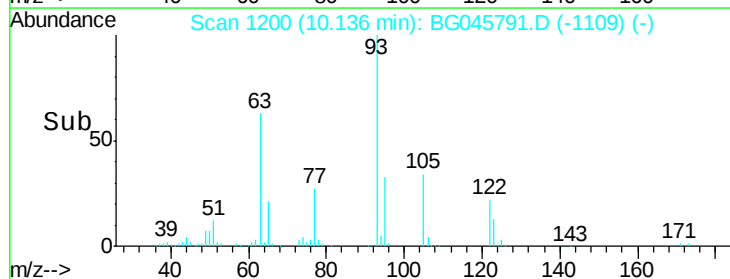
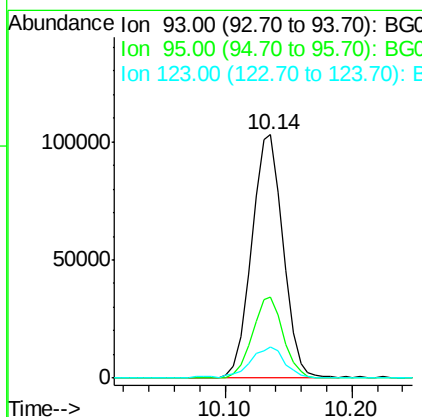
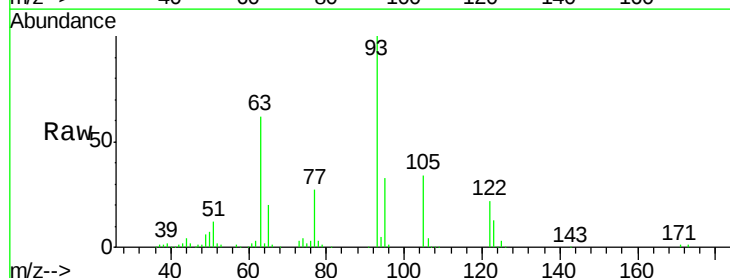
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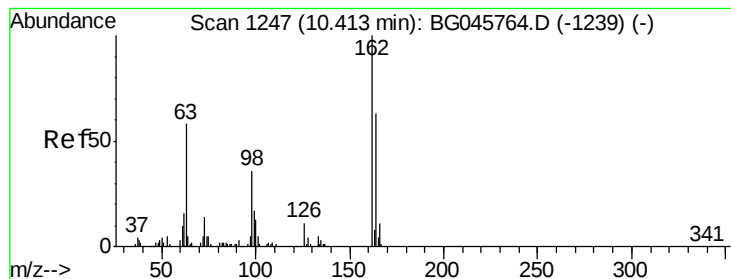
mohammad
 6/19/2020 9:24:26 AM



#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	Ion	Ratio	Resp	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

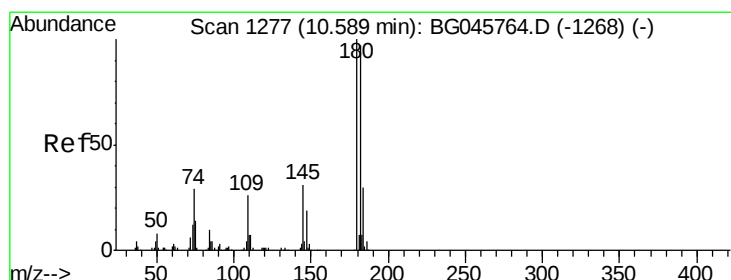
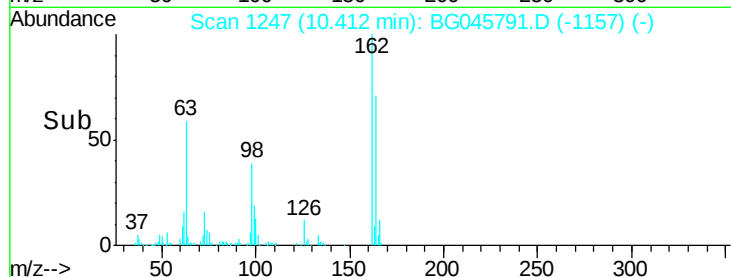
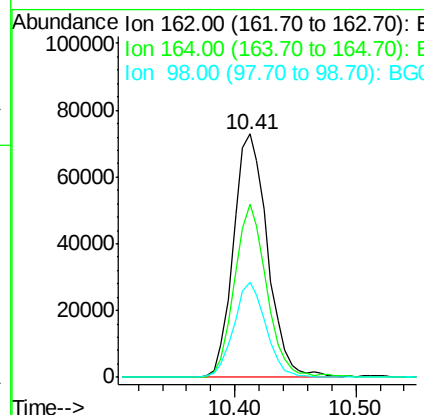
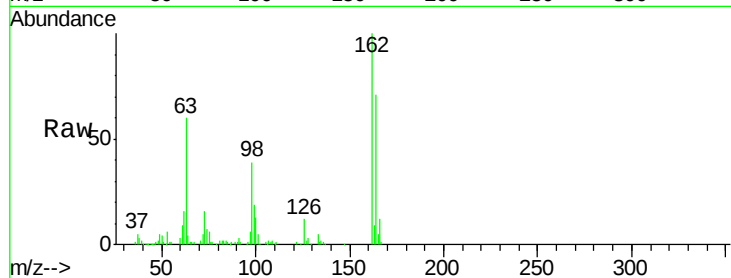
ClientSampleId :

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

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#30

1,2,4-Trichlorobenzene

Concen: 33.037 ng

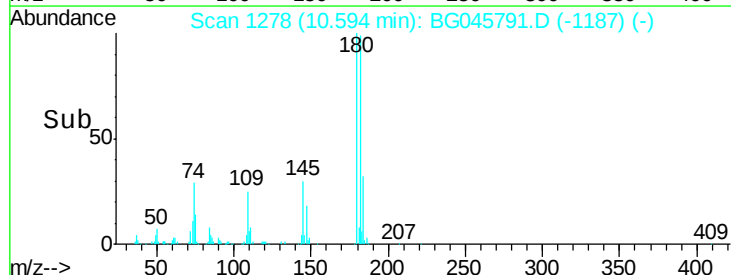
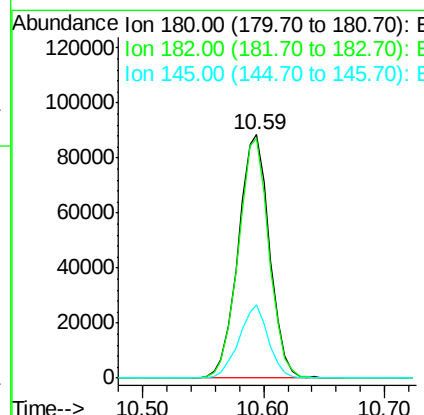
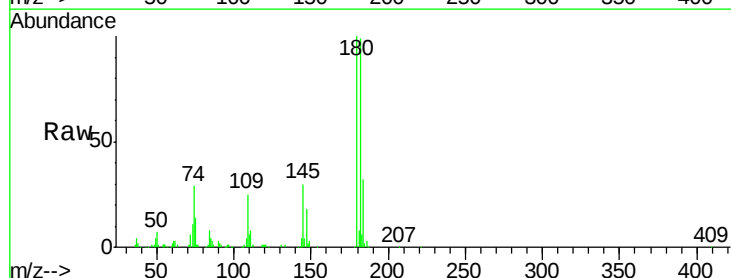
RT: 10.59 min Scan# 1278

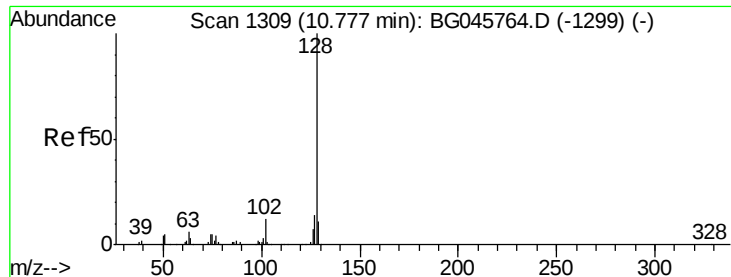
Delta R.T. 0.00 min

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





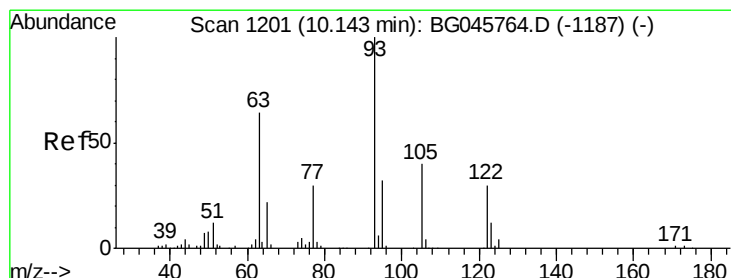
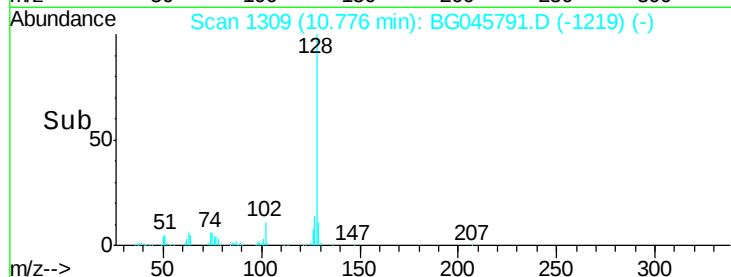
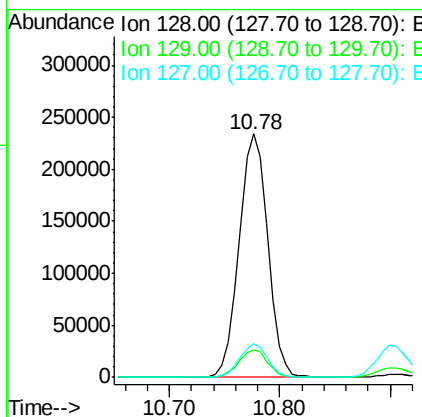
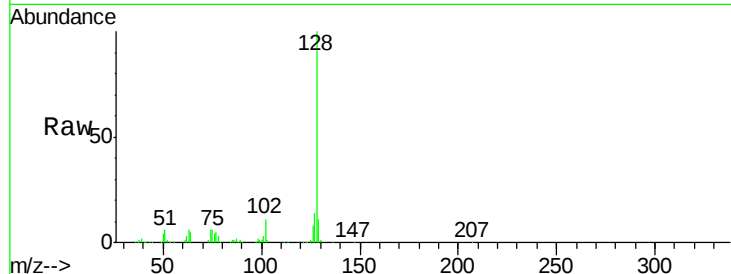
#31
Naphthalene
Concen: 33.247 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.9	10.9	16.3

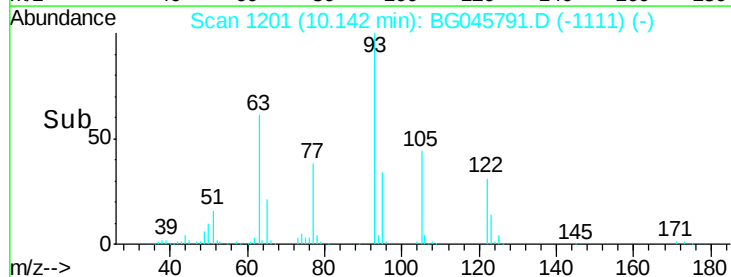
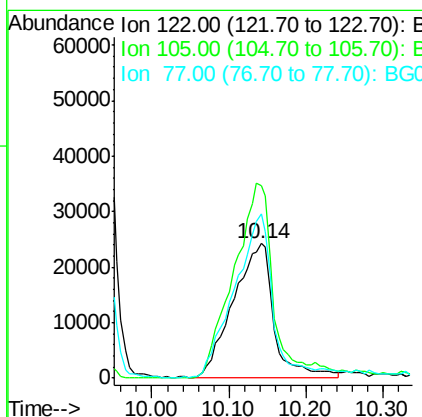
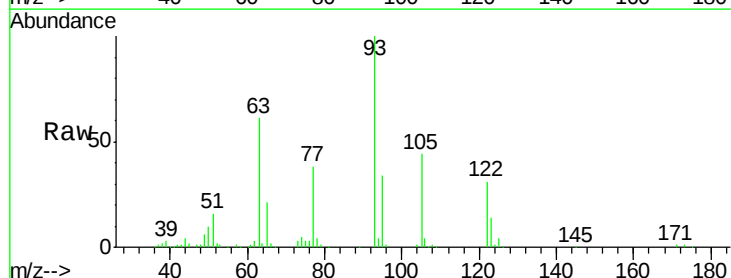
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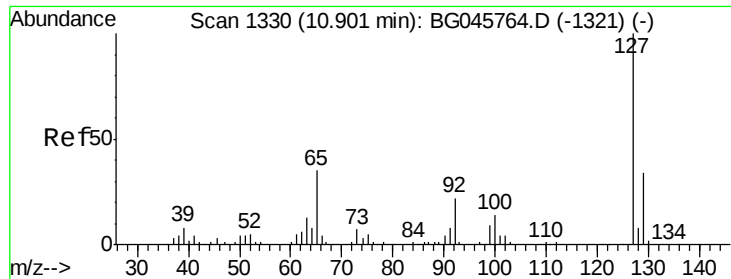
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#32
Benzoic acid
Concen: 41.521 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.4	112.9	152.9
77	122.4	79.2	119.2





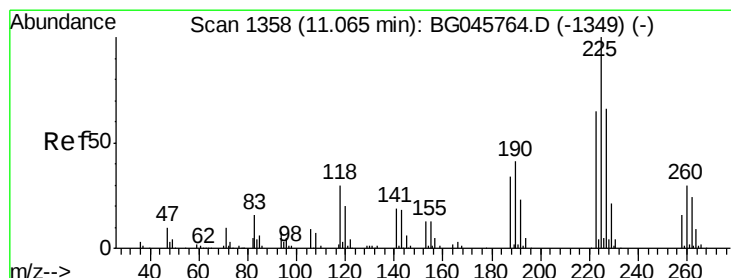
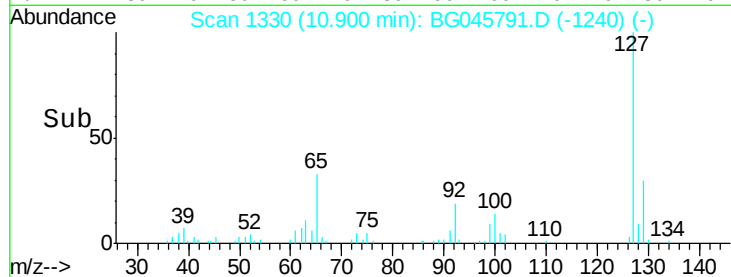
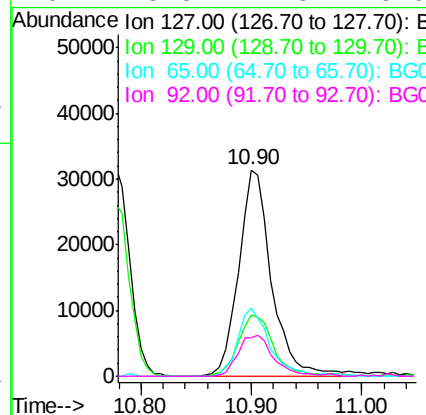
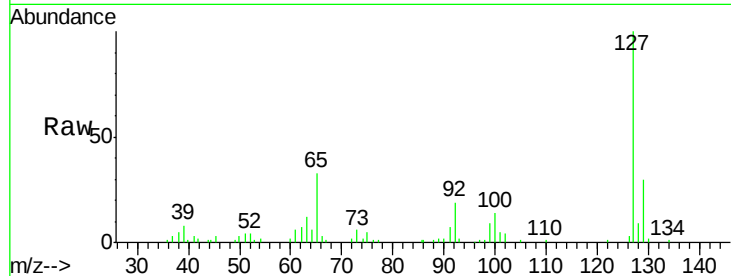
#33
4-Chloroaniline
Concen: 12.163 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

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

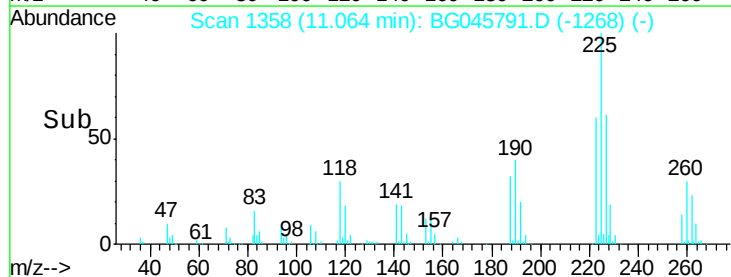
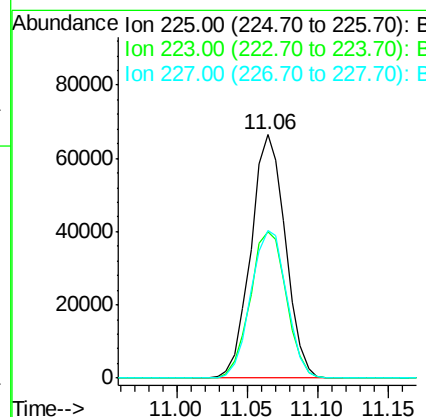
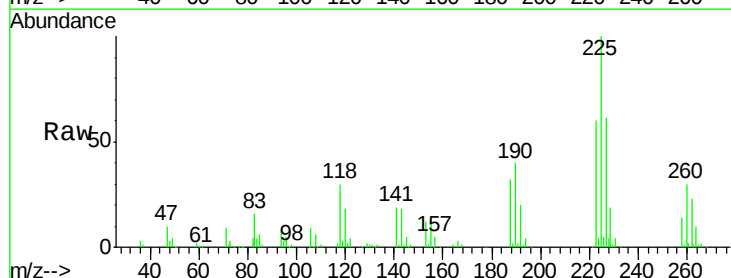
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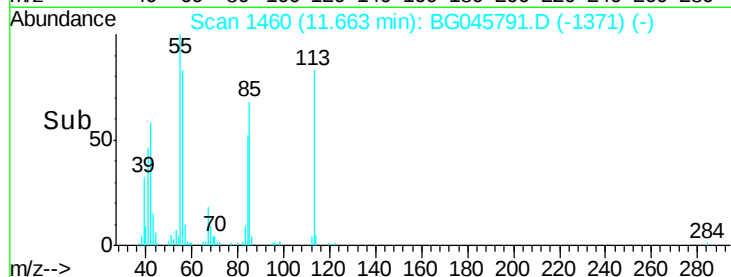
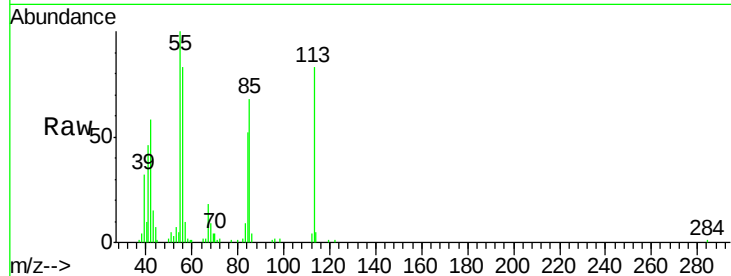
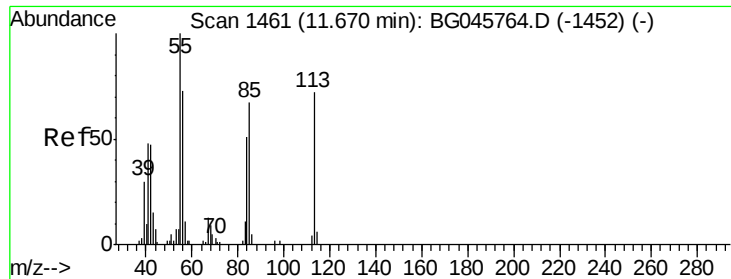
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#34
Hexachlorobutadiene
Concen: 33.323 ng
RT: 11.06 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		114036		
223	60.3	52.0	78.0		
227	60.7	52.5	78.7		





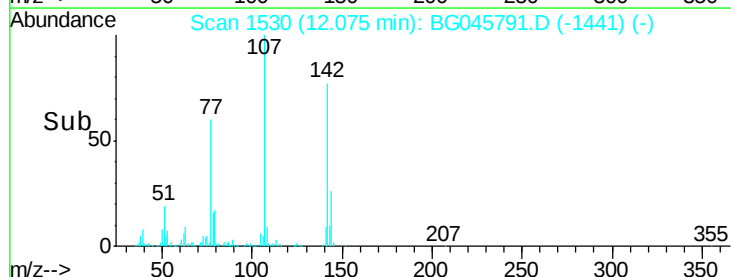
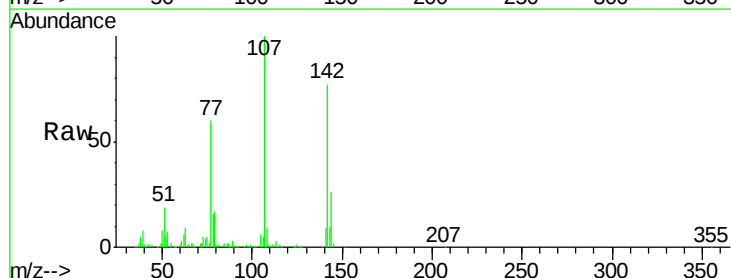
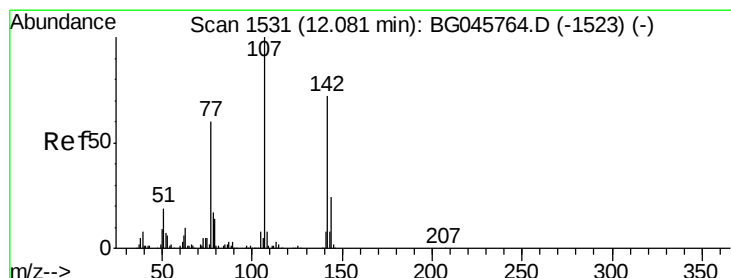
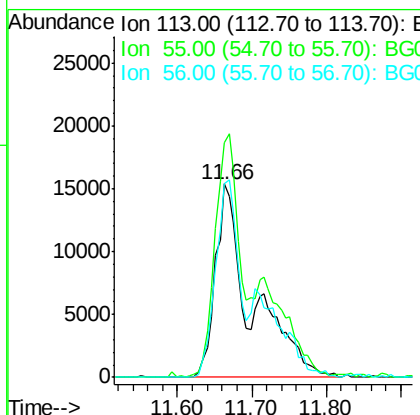
#35
Caprolactam
Concen: 39.332 ng m
RT: 11.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tot Ion:113 Resp: 51734
Ion Ratio Lower Upper
113 100
55 121.0 119.7 159.7
56 100.4 82.5 122.5

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

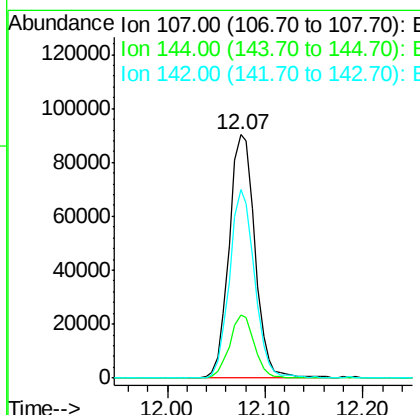
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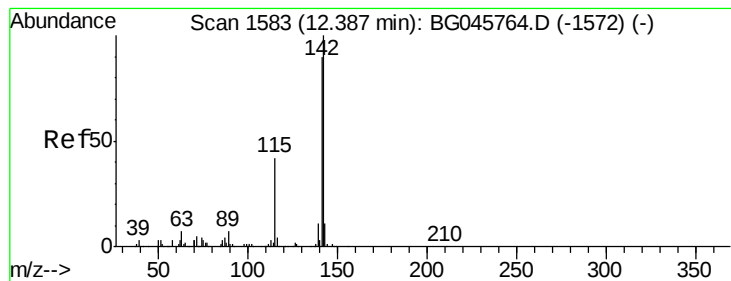
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#36
4-Chloro-3-methylphenol
Concen: 35.449 ng
RT: 12.07 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

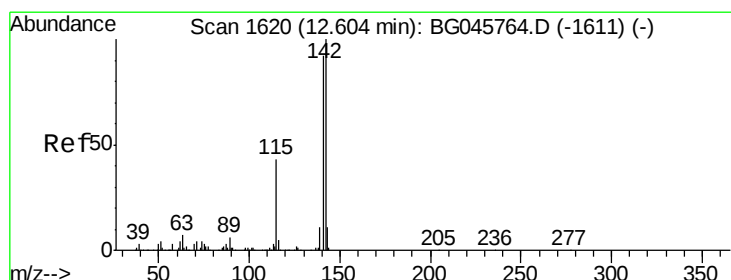
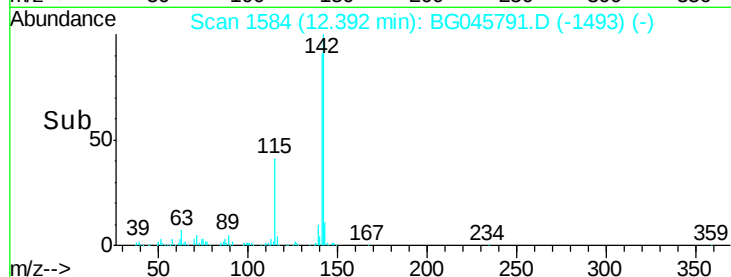
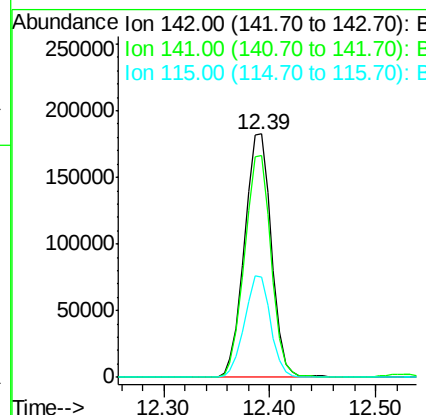
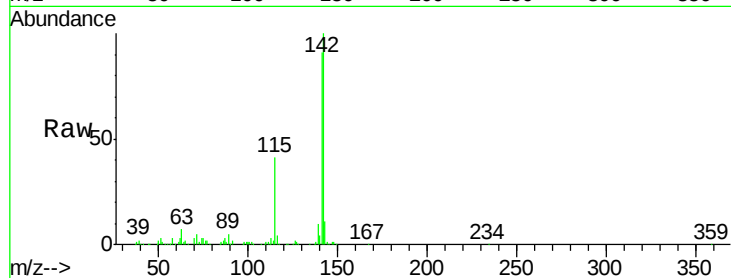
ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion:	142	Resp:	322226
Ion Ratio	Lower	Upper	
142	100		
141	91.0	71.7	107.5
115	41.4	33.8	50.6

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#38

1-Methylnaphthalene

Concen: 33.927 ng

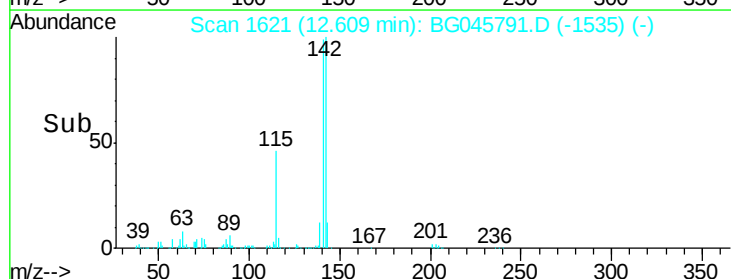
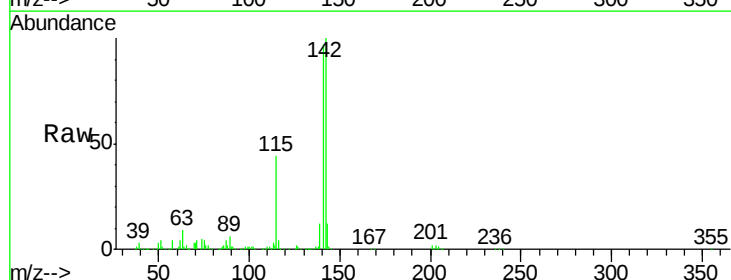
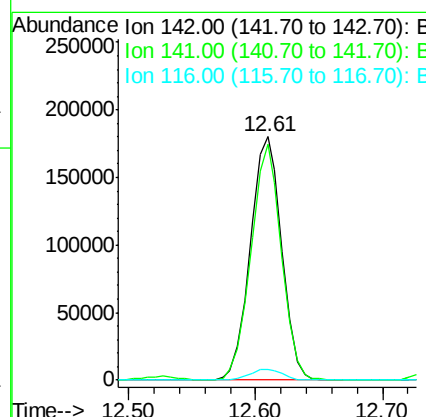
RT: 12.61 min Scan# 1621

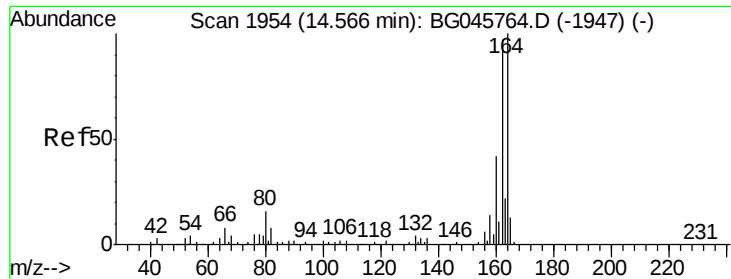
Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion:	142	Resp:	306727
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

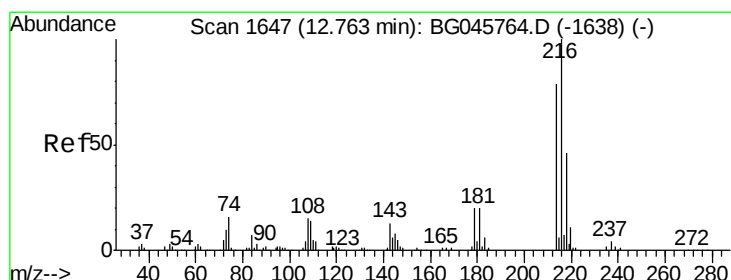
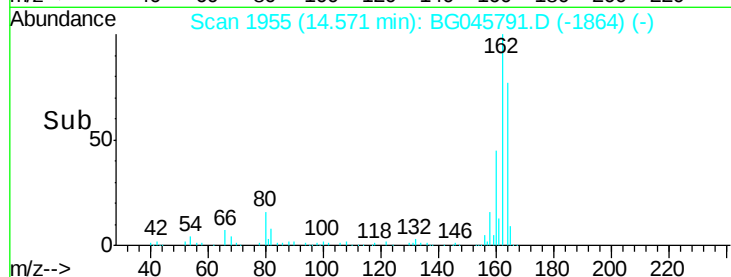
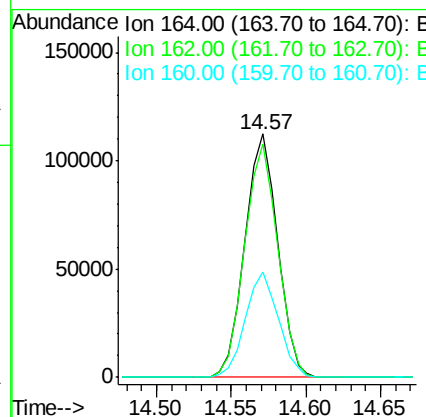
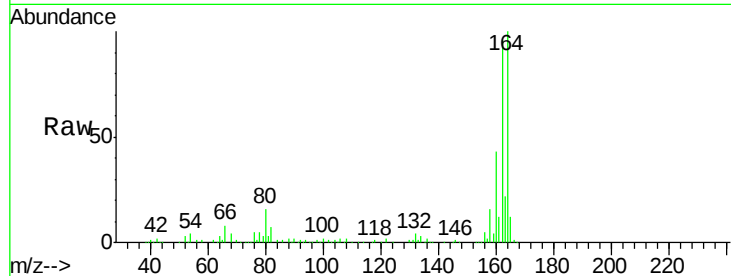
ClientSampleId :

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

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.174 ng

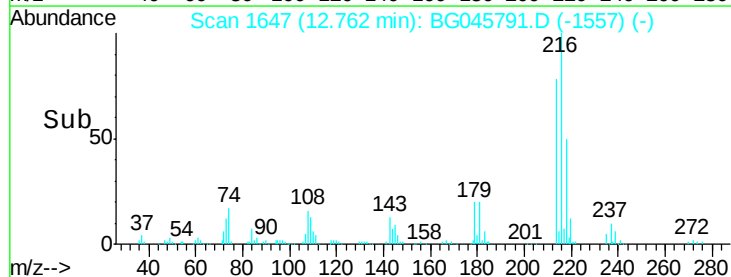
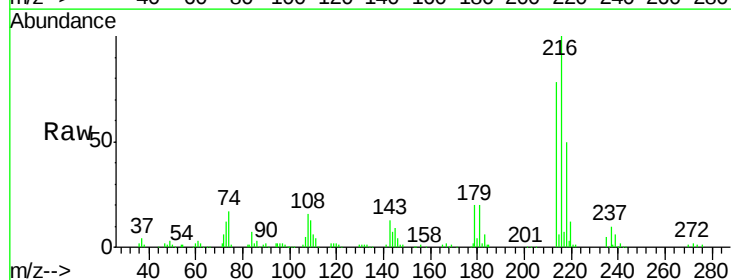
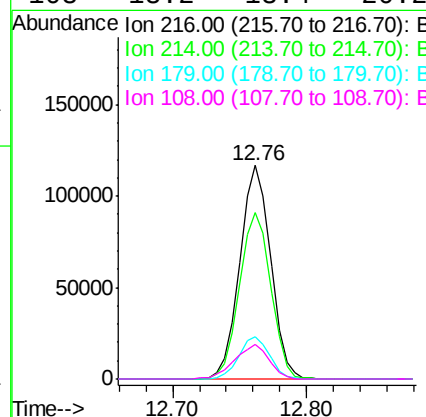
RT: 12.76 min Scan# 1647

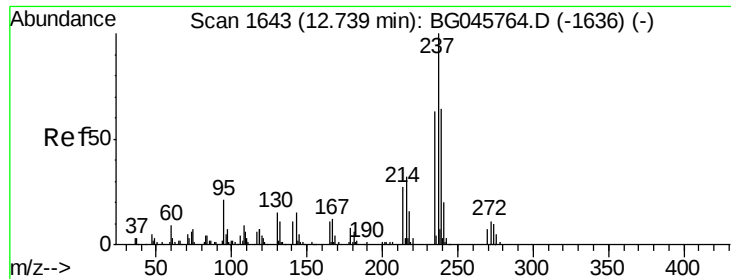
Delta R.T. -0.00 min

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





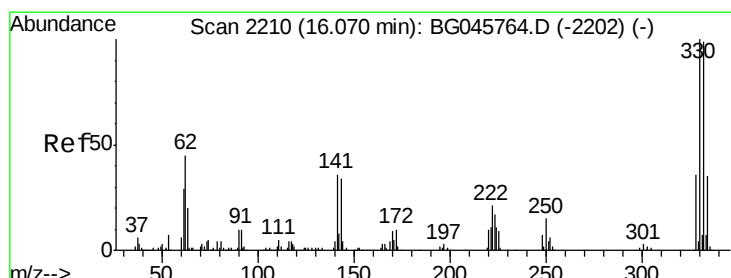
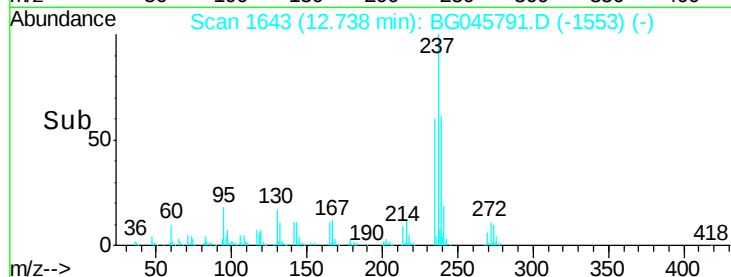
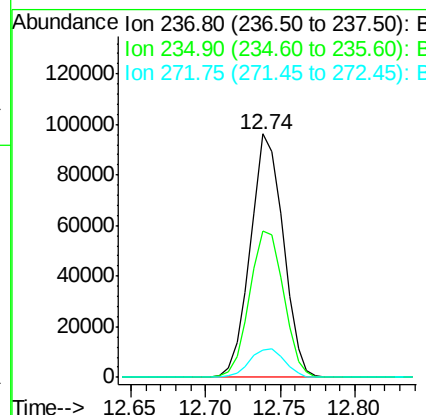
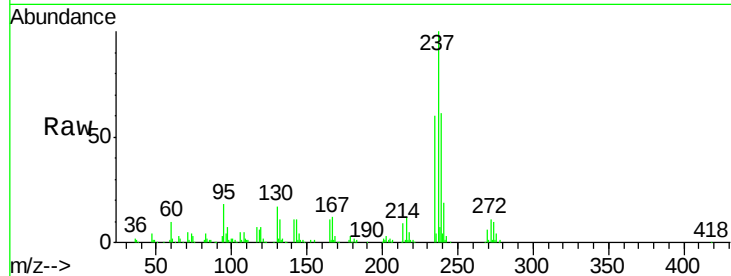
#41
Hexachlorocyclopentadiene
Concen: 50.399 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

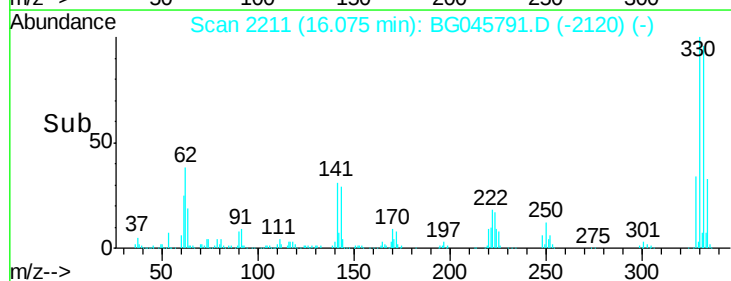
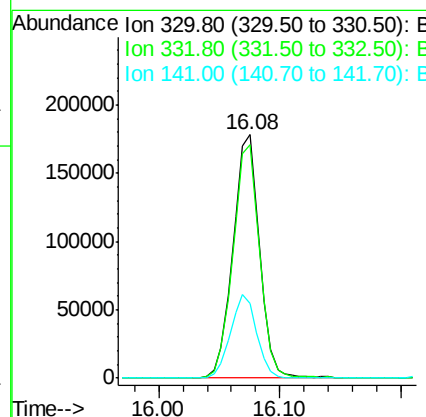
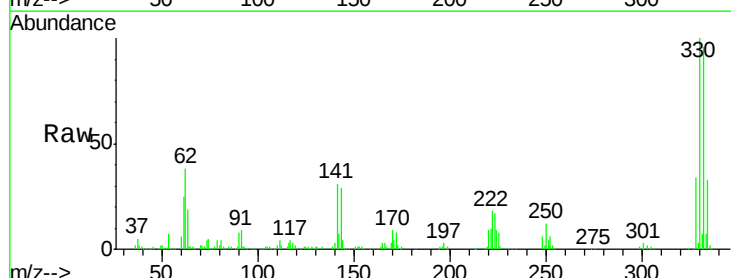
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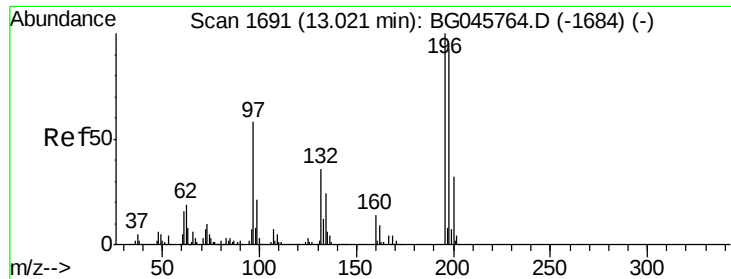
mohammad
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#42
2,4,6-Tribromophenol
Concen: 105.514 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	34.1	28.2	42.4





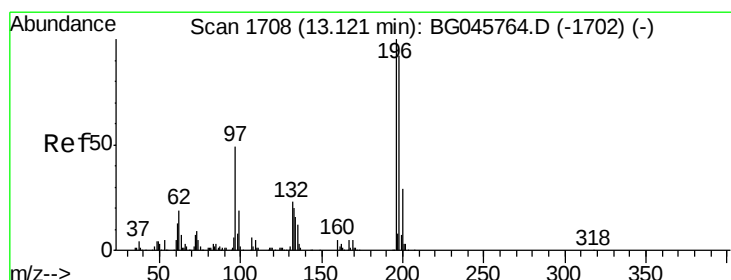
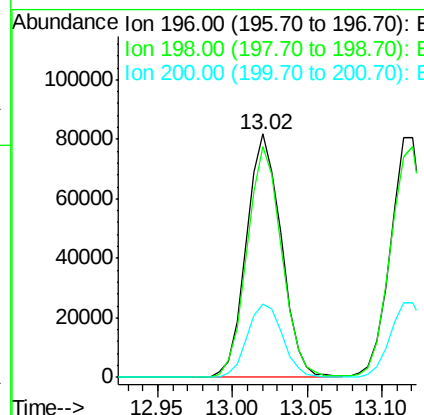
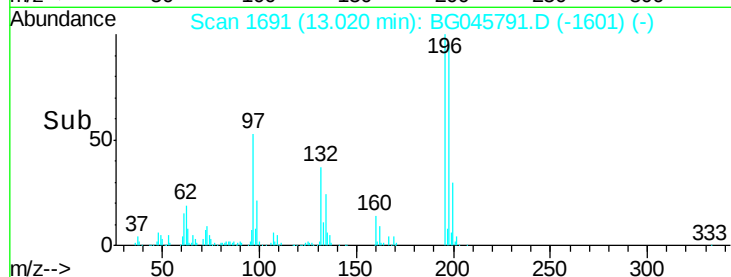
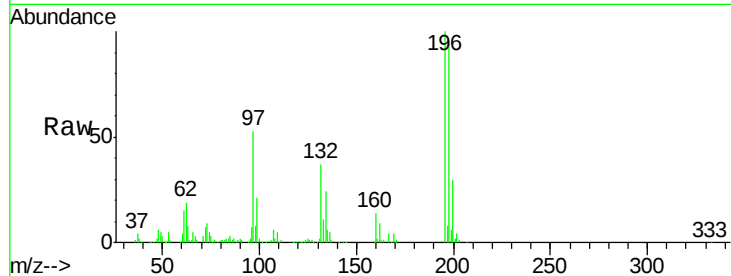
#43
 2,4,6-Trichlorophenol
 Concen: 34.668 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132185		
198	94.9	74.4	111.6	
200	30.1	25.4	38.2	

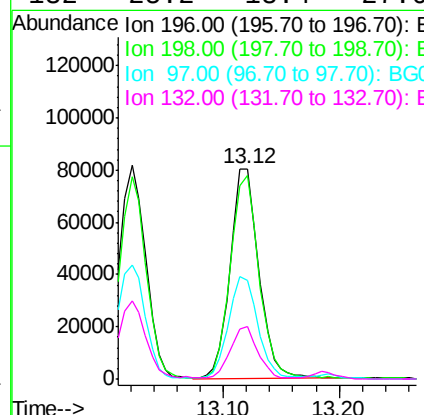
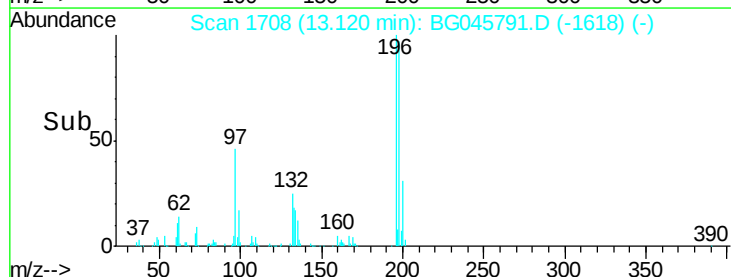
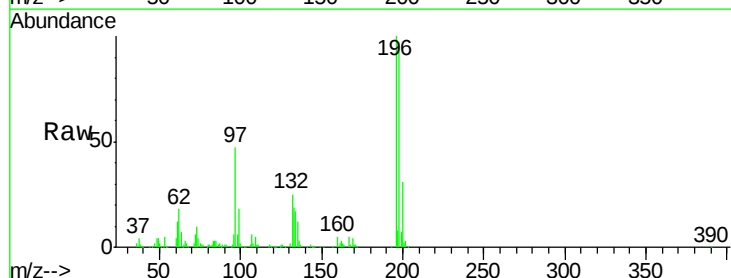
Manual Integrations
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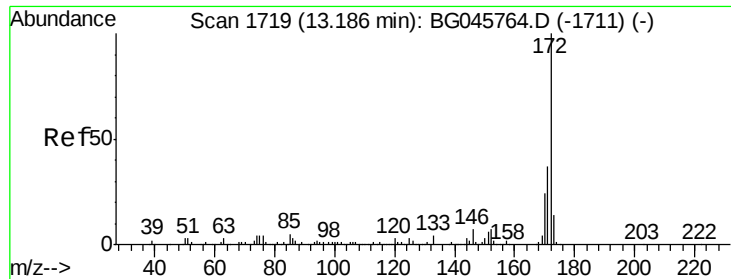
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 32.005 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139080		
198	96.6	74.0	111.0	
97	46.6	39.0	58.6	
132	25.2	18.4	27.6	





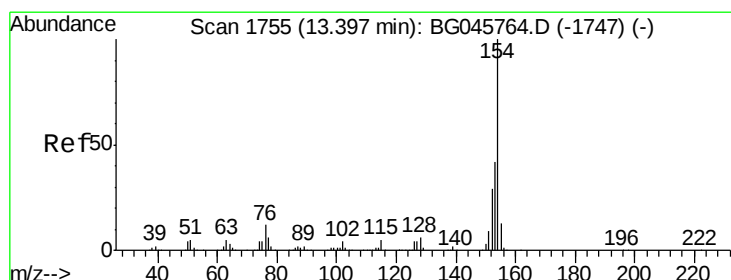
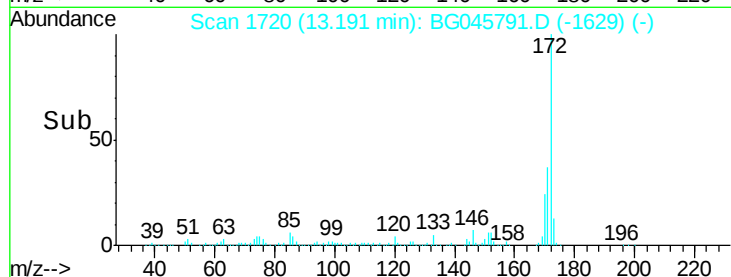
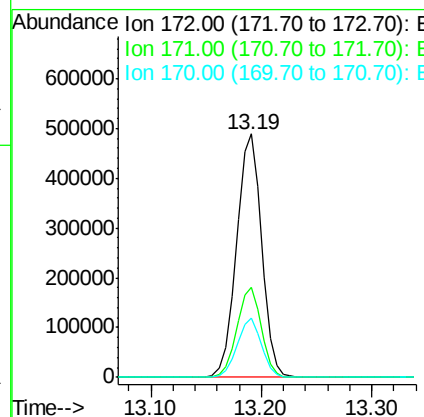
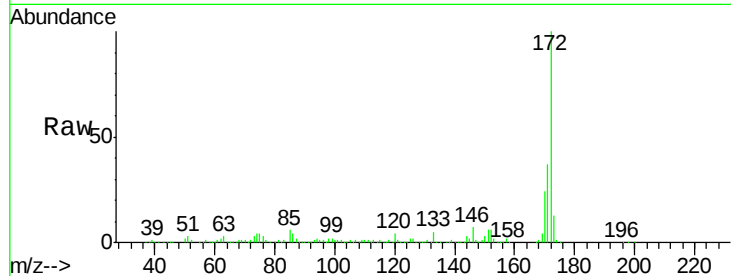
#45
2-Fluorobiphenyl
Concen: 66.838 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

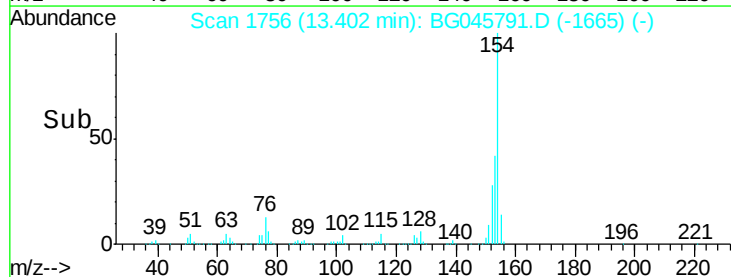
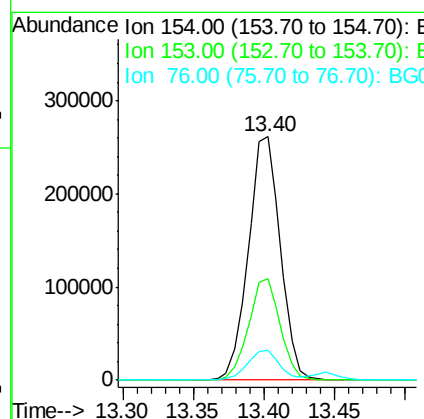
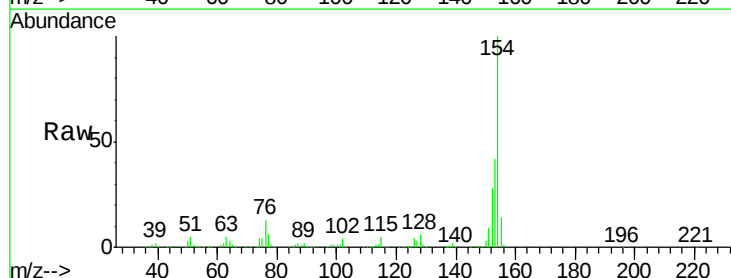
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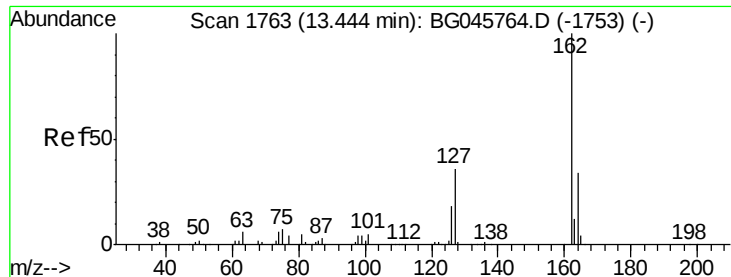
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#46
1,1'-Biphenyl
Concen: 33.913 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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





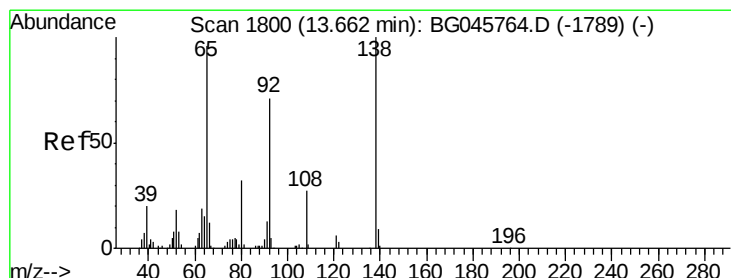
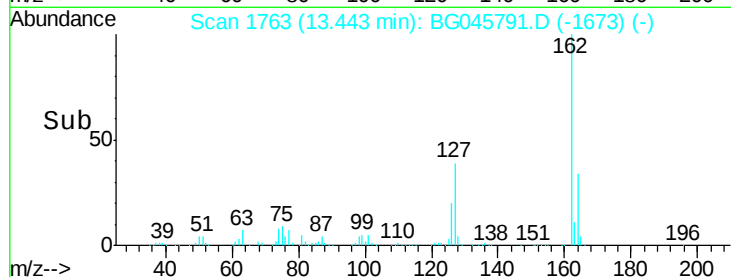
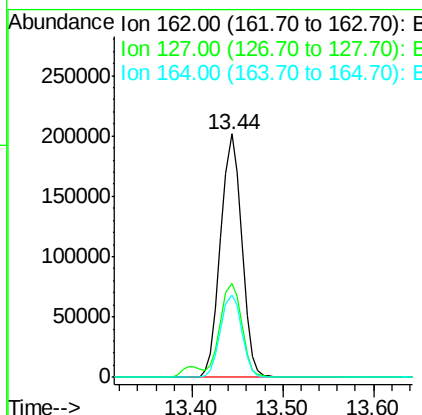
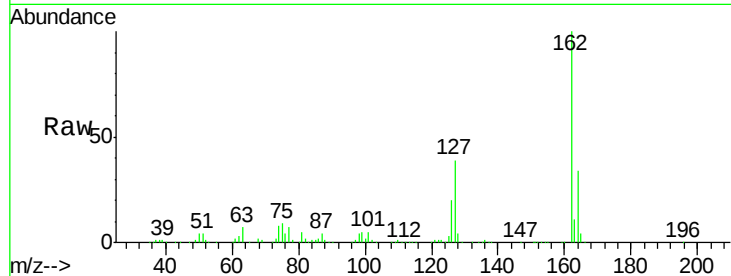
#47
2-Chloronaphthalene
Concen: 33.168 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	327605		
127	38.6		30.5	45.7
164	33.6		27.2	40.8

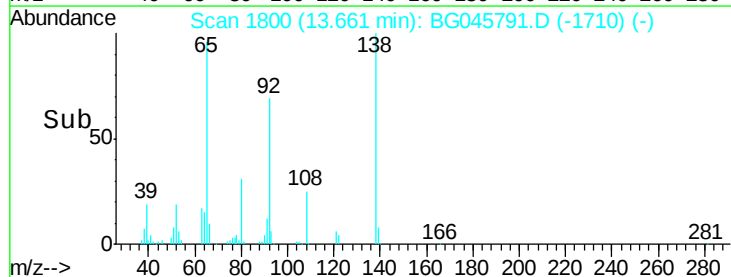
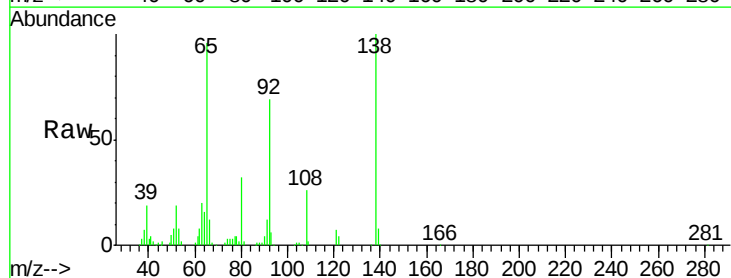
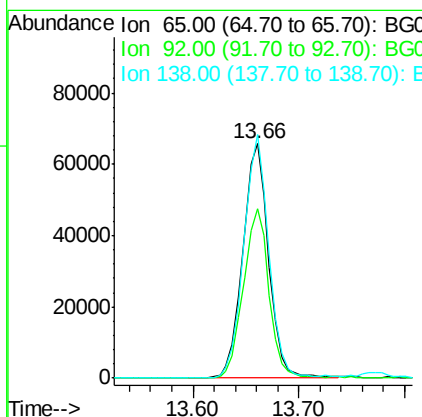
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#48
2-Nitroaniline
Concen: 33.968 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	111600		
92	72.0		59.0	88.6
138	103.9		83.6	125.4





#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

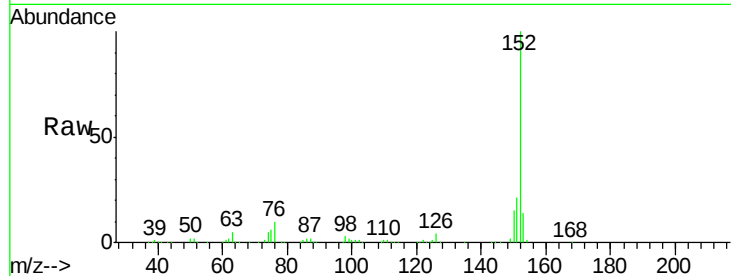
ClientSampleId :

MW-22(16.5-18.5)MS

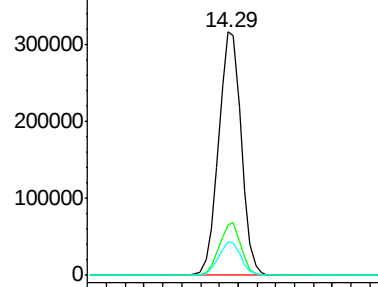
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	14.0	10.6	15.8

Manual Integrations
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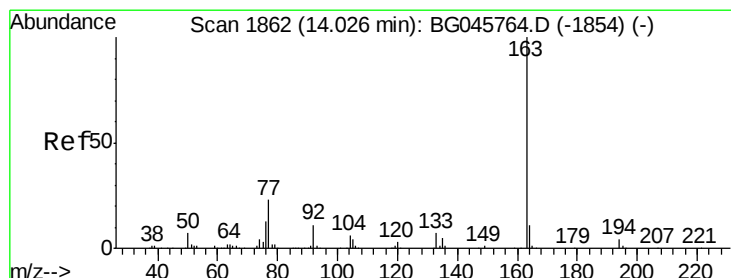
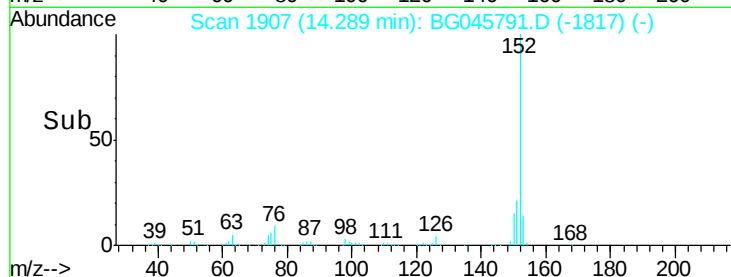
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 43.043 ng

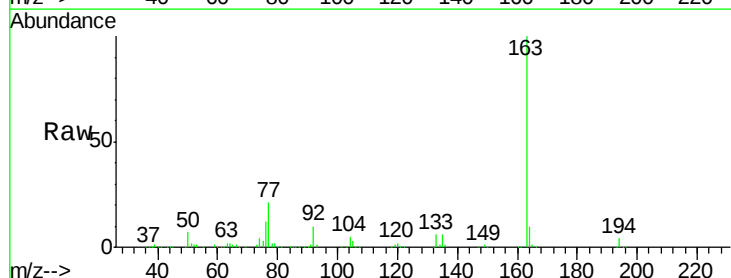
RT: 14.03 min Scan# 1863

Delta R.T. 0.00 min

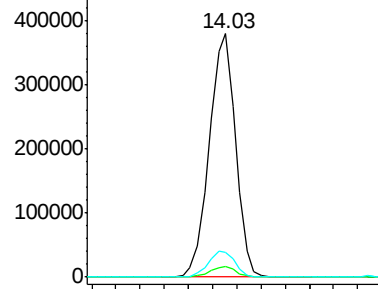
Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

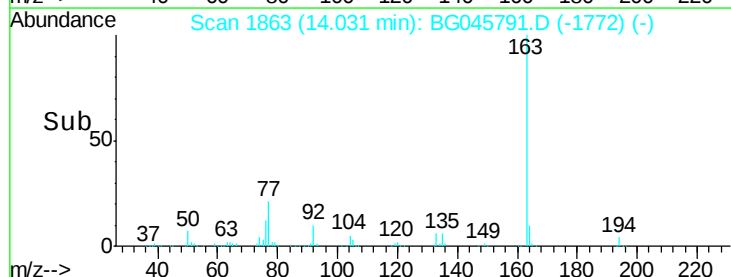
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.9	13.3

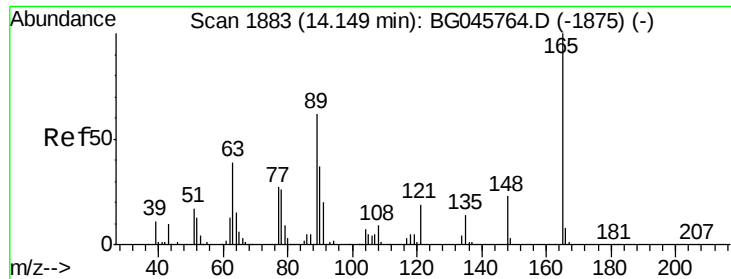


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





#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

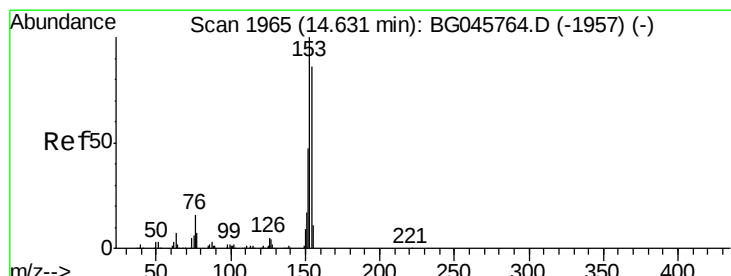
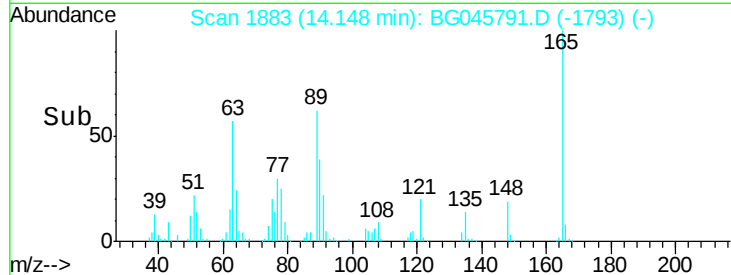
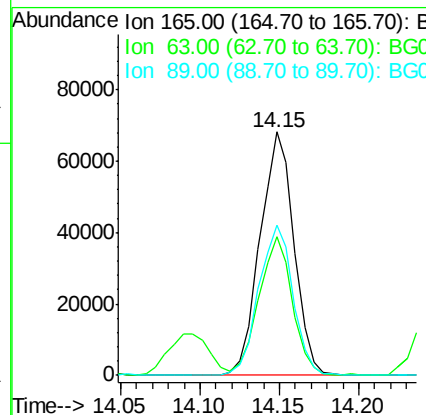
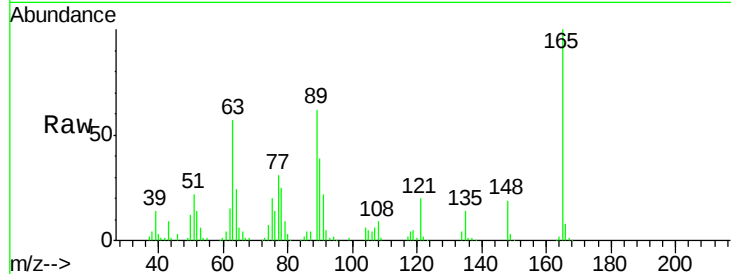
ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion:	165	Resp:	101322
Ion Ratio	Lower	Upper	
165	100		
63	56.8	41.2	61.8
89	61.9	49.7	74.5

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#52

Acenaphthene

Concen: 33.466 ng

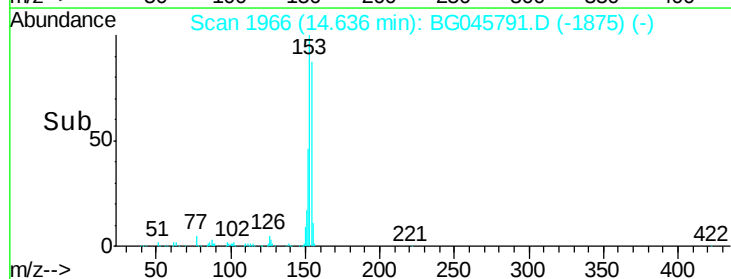
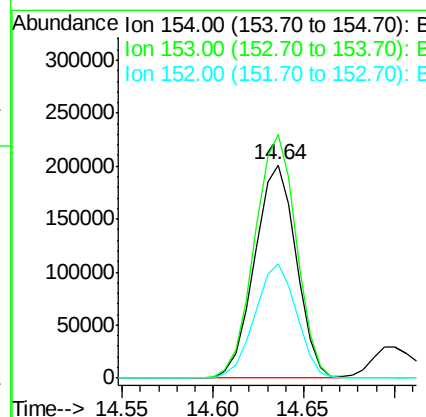
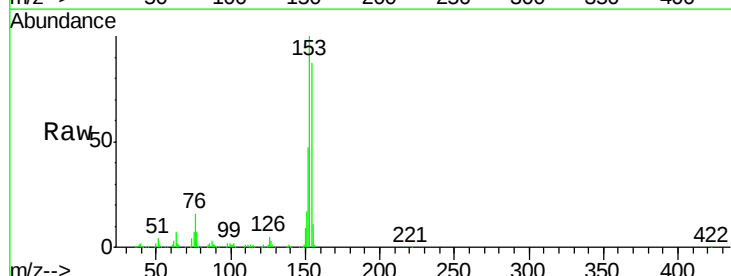
RT: 14.64 min Scan# 1966

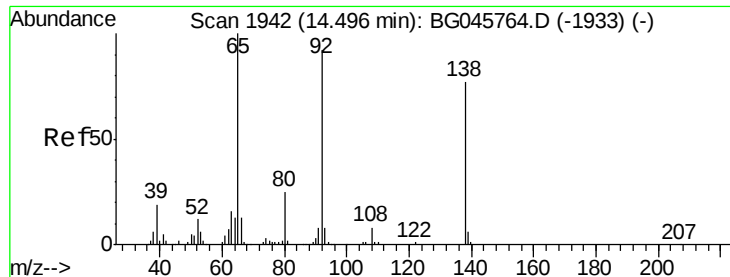
Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion:	154	Resp:	320929
Ion Ratio	Lower	Upper	
154	100		
153	114.3	93.0	139.4
152	53.6	43.7	65.5





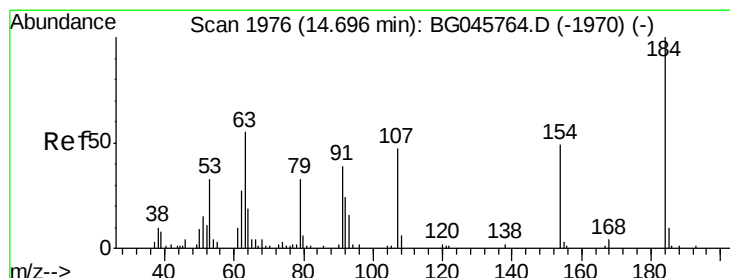
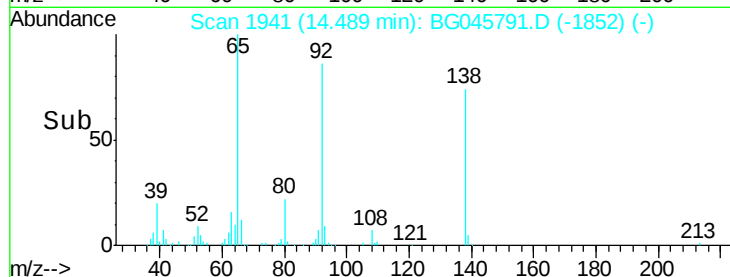
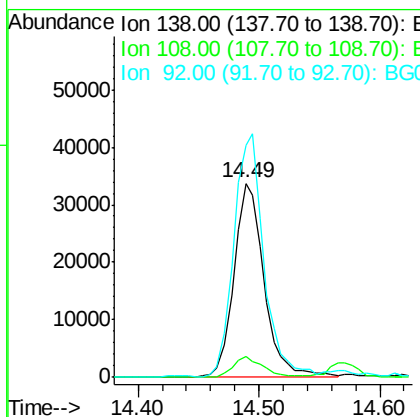
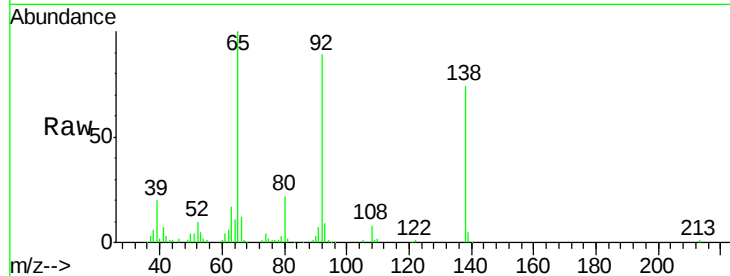
#53
3-Nitroaniline
Concen: 19.541 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

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

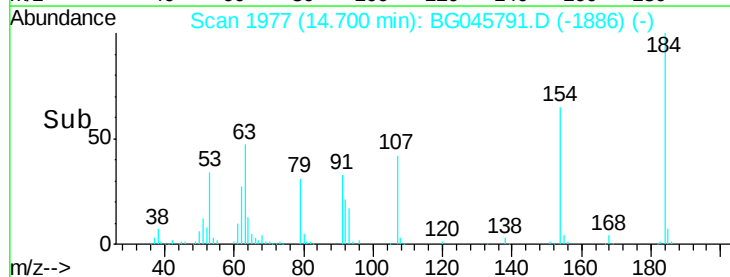
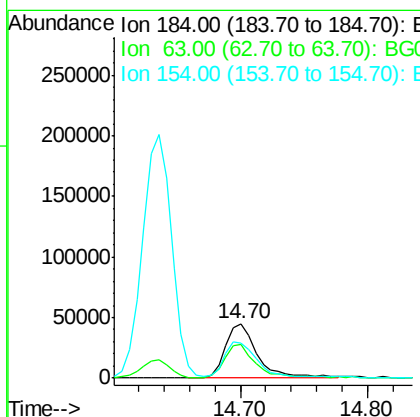
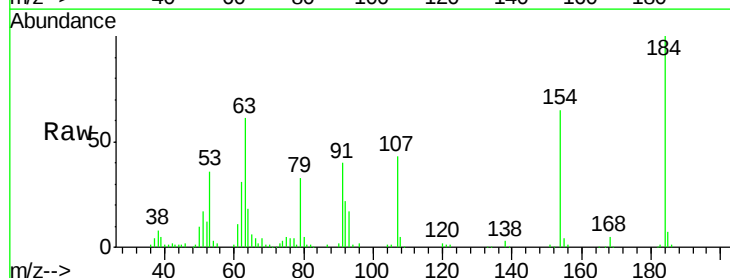
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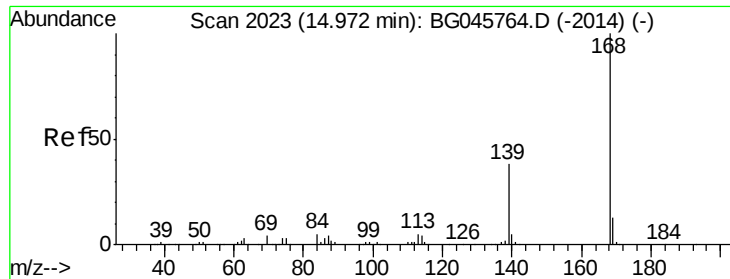
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#54
2,4-Dinitrophenol
Concen: 51.384 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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





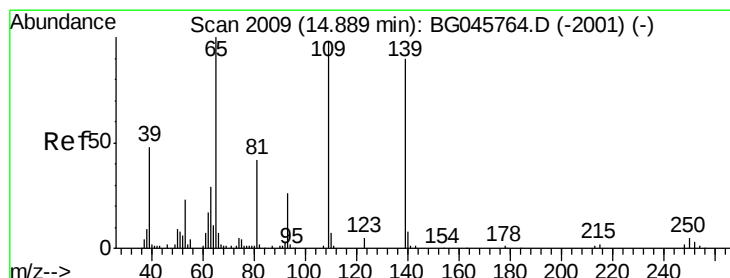
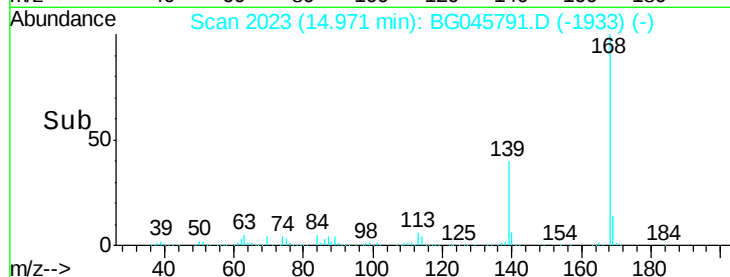
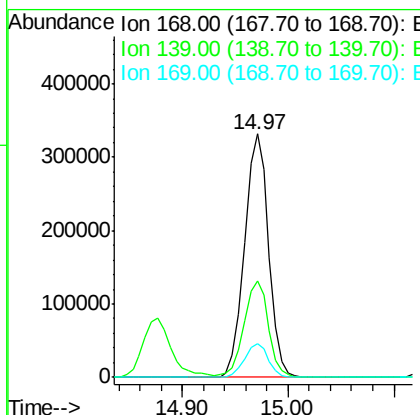
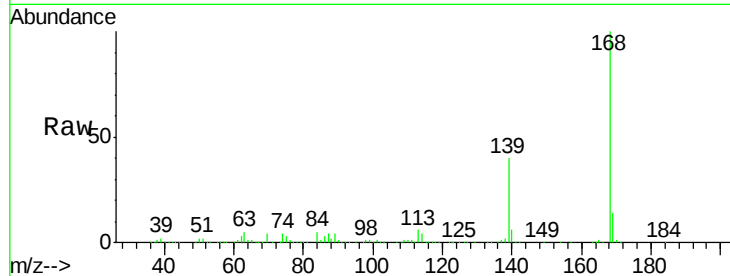
#55
Dibenzenofuran
Concen: 33.447 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.6
169	13.9	10.4	15.6

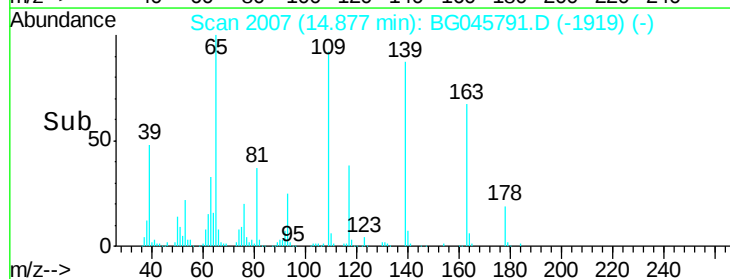
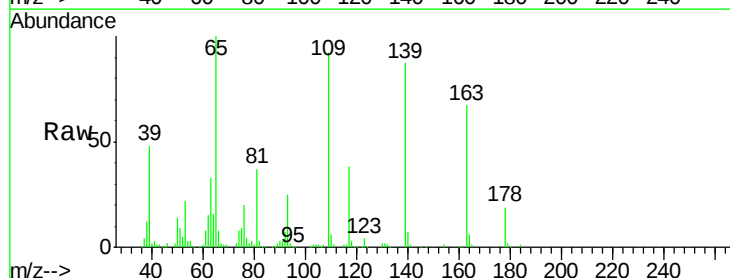
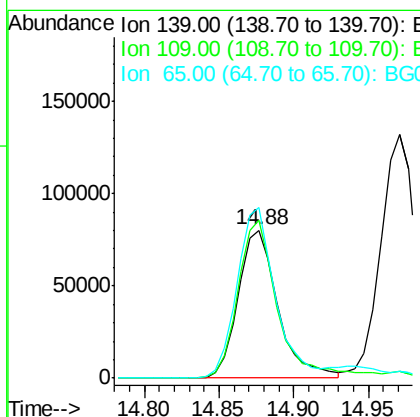
Manual Integrations
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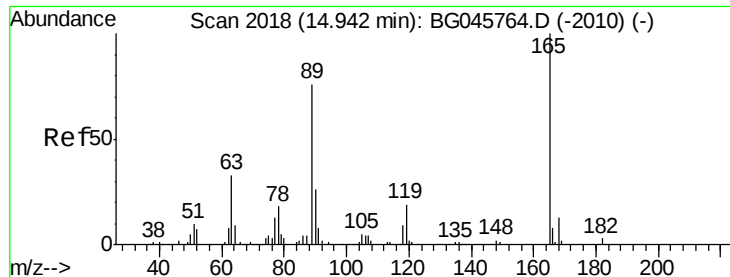
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#56
4-Nitrophenol
Concen: 69.546 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.6	88.9	128.9
65	115.3	92.3	132.3





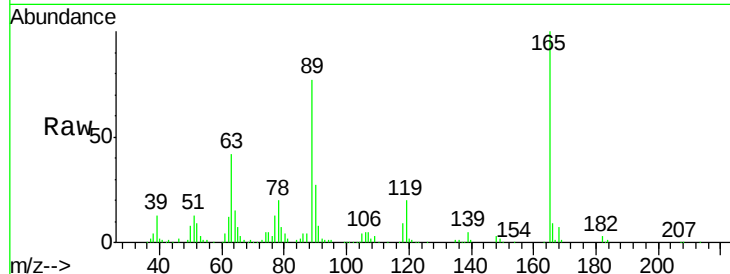
#57
2,4-Dinitrotoluene
Concen: 33.915 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

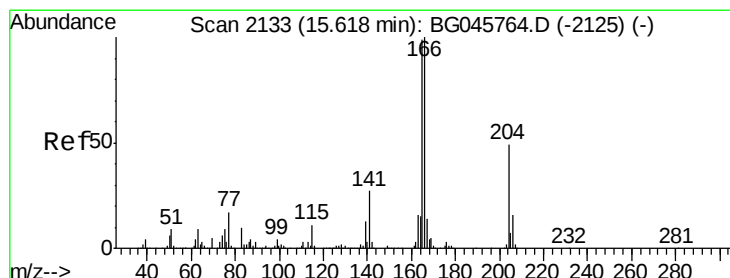
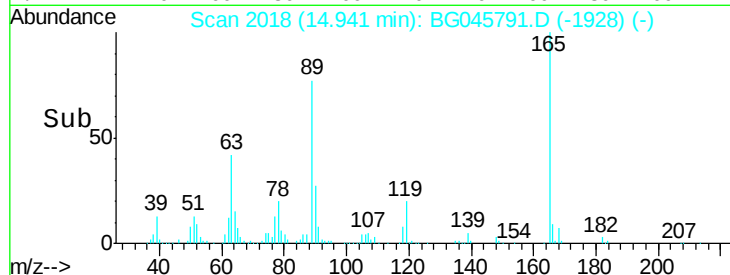
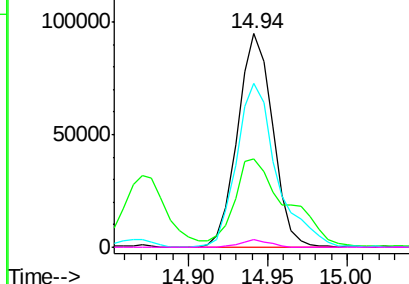
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		146024		
63	41.7		33.8	50.8	
89	76.5		60.4	90.6	
182	3.4		2.6	3.8	

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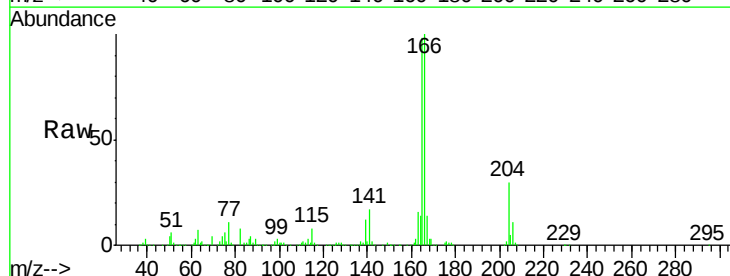


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

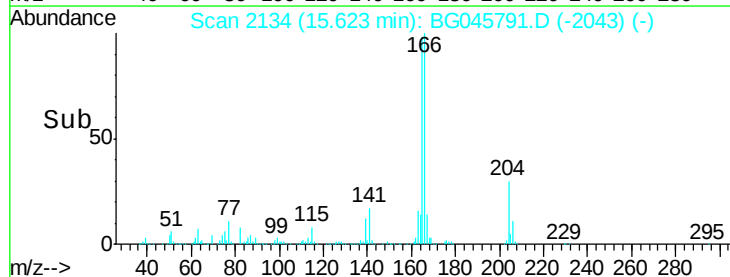
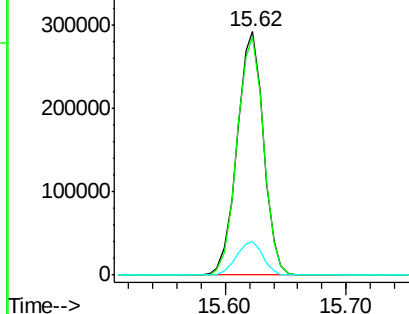


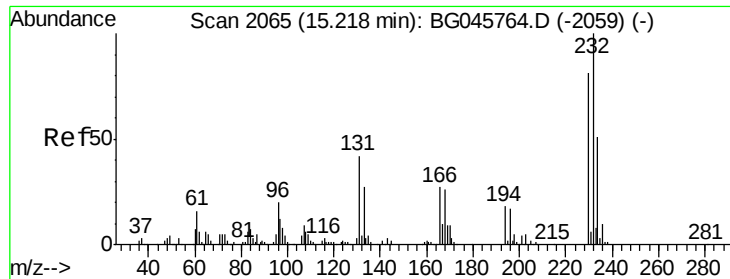
#58
Fluorene
Concen: 34.402 ng
RT: 15.62 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		445644		
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





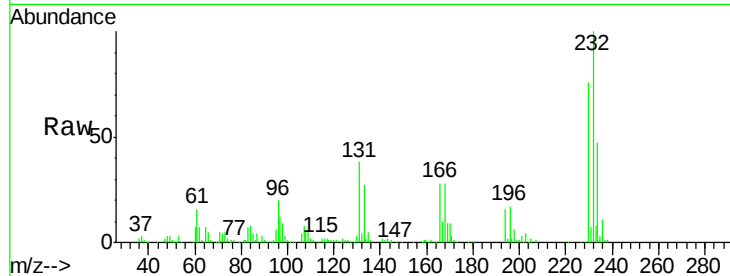
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.261 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

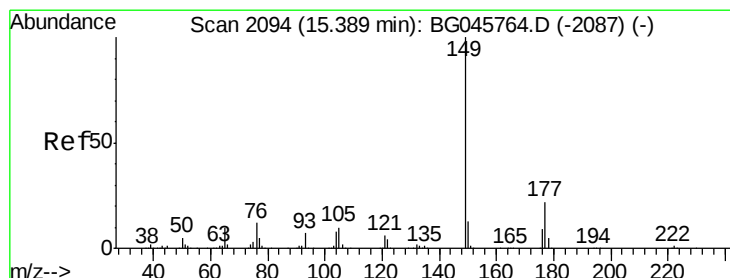
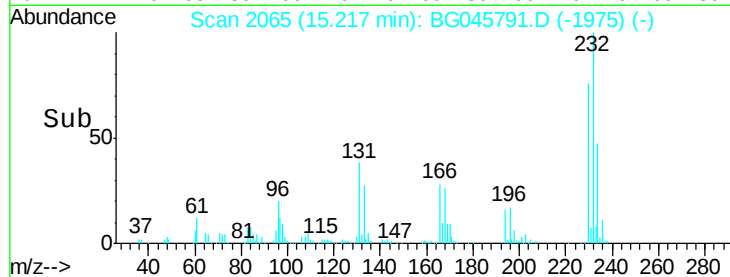
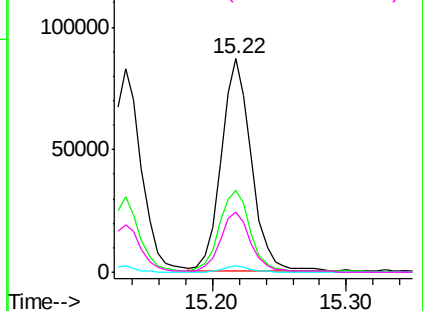
Tot Ion	Ratio	Resp	Lower	Upper
232	100	136764		
131	39.9	32.2	48.2	
130	2.8	2.2	3.4	
166	29.6	21.3	31.9	

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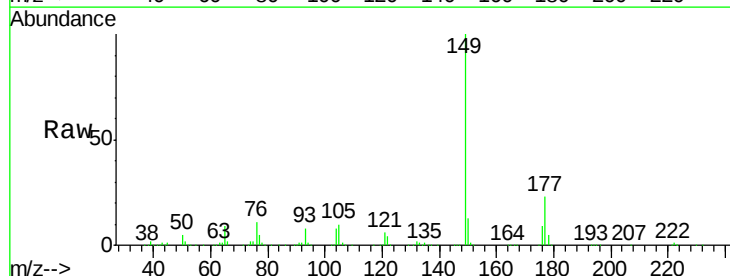


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

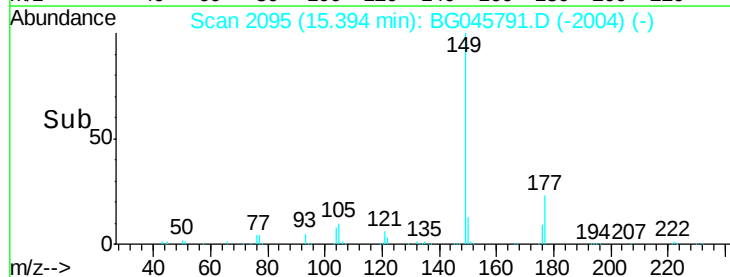
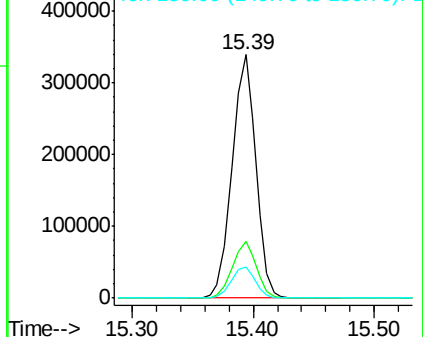


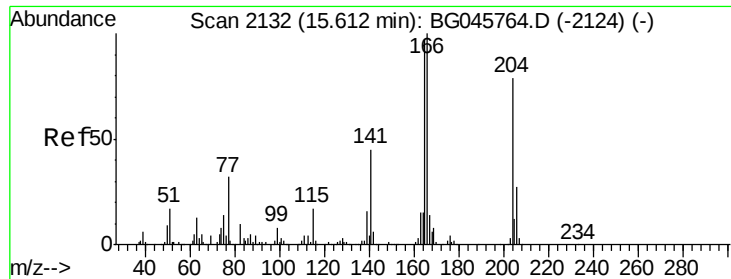
#60
 Diethylphthalate
 Concen: 33.900 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	463664		
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





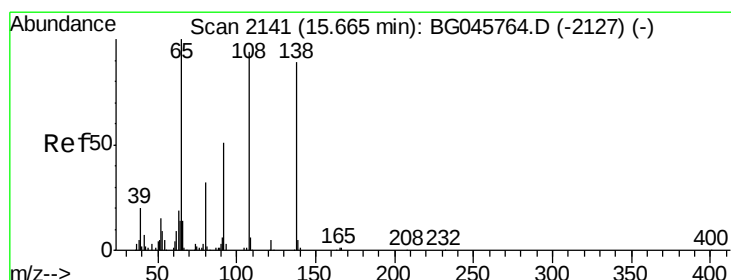
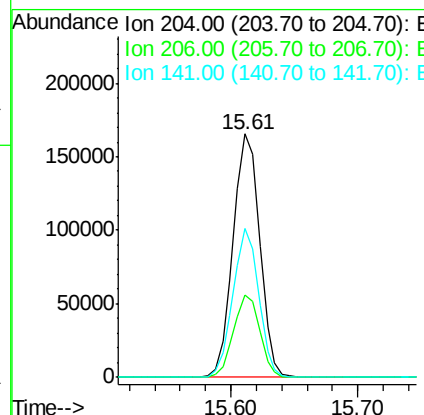
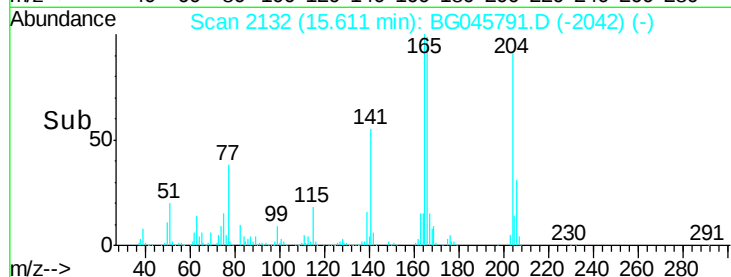
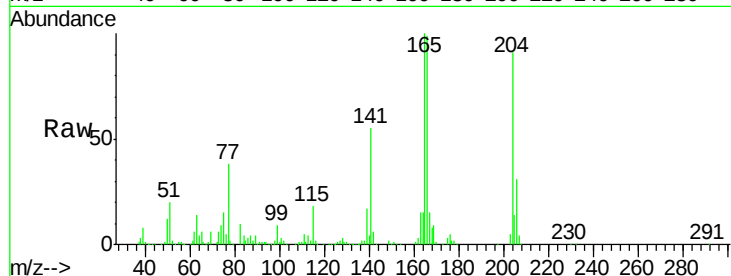
#61
 4-Chlorophenyl-phenylether
 Concen: 32.114 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

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

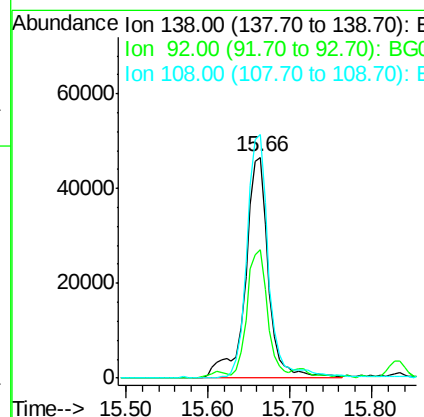
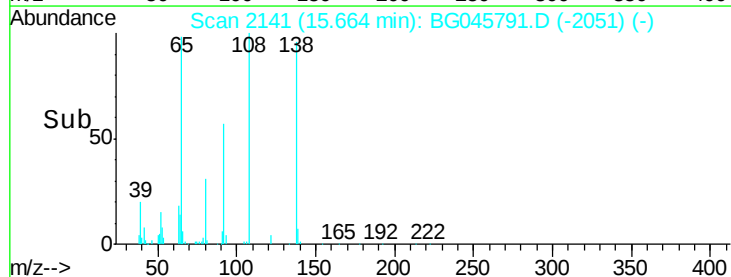
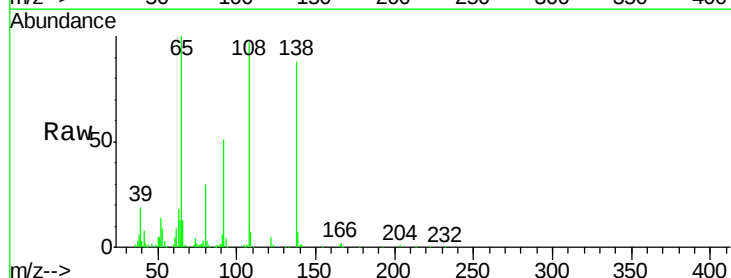
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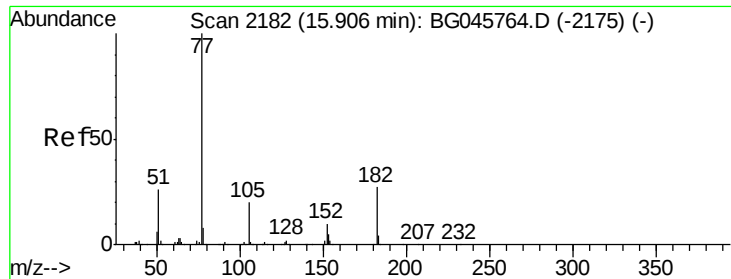
mohammad
 6/19/2020 9:24:26 AM



#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	Ratio	Lower	Upper
138	100		
92	58.4	37.3	77.3
108	110.4	85.0	125.0





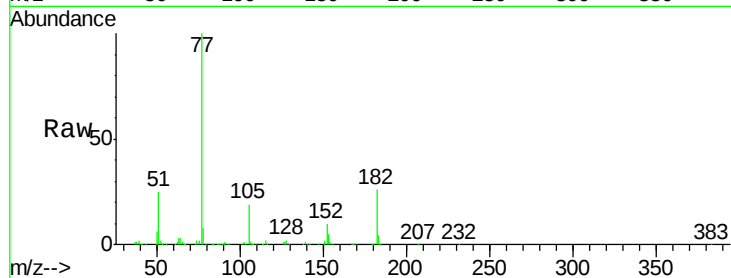
#63
Azobenzene
Concen: 34.383 ng
RT: 15.90 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

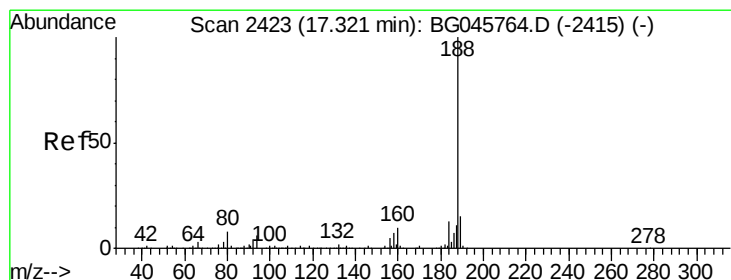
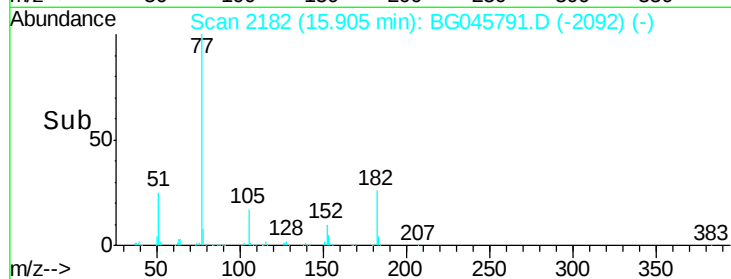
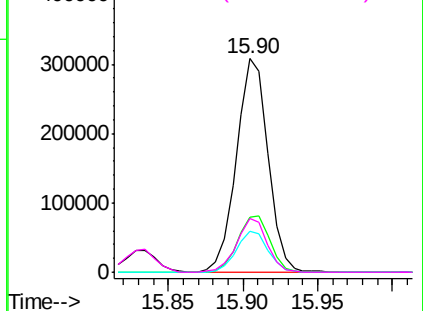
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.0	7.4	47.4	
105	19.5	0.1	40.1	
51	25.0	5.7	45.7	

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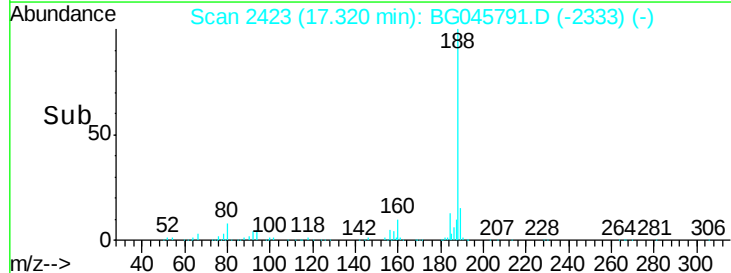
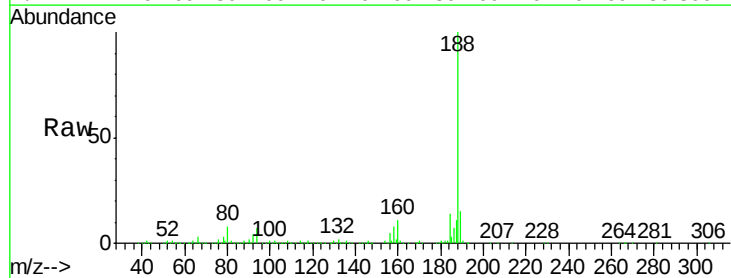
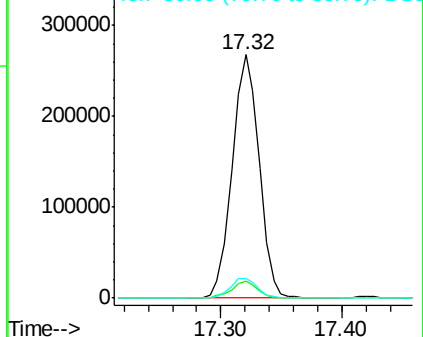
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

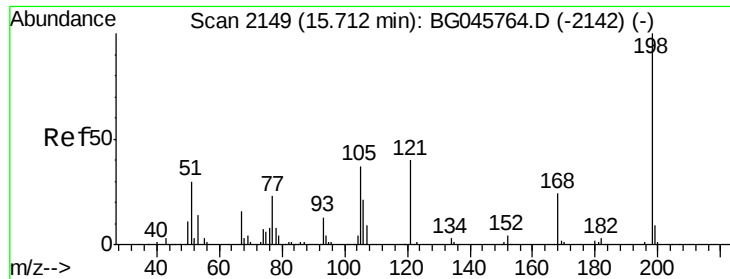


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	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





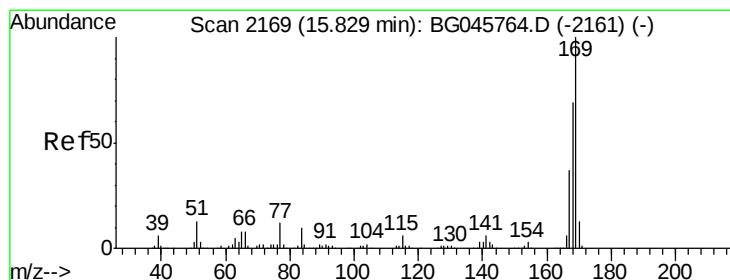
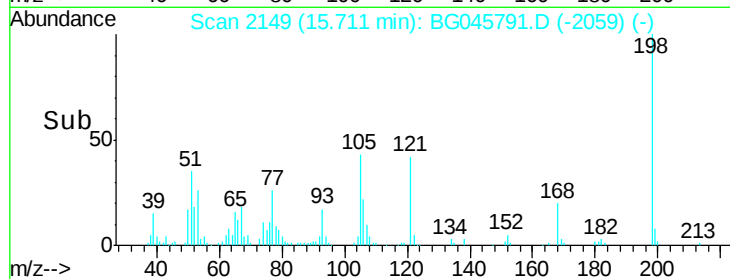
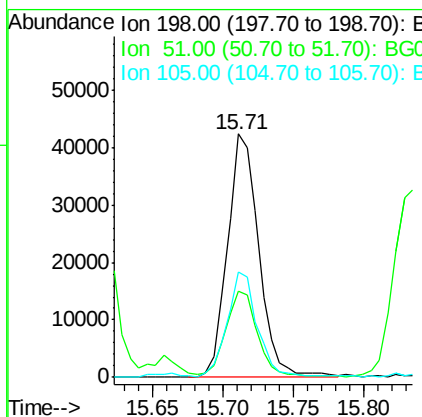
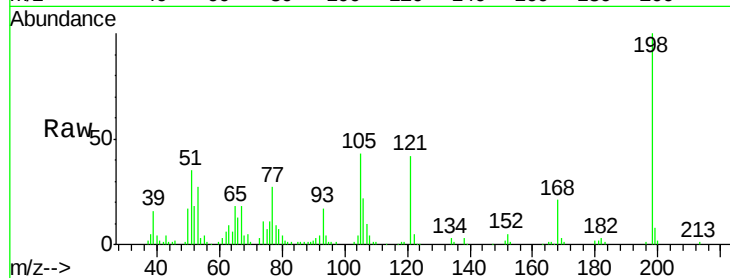
#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.581 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

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

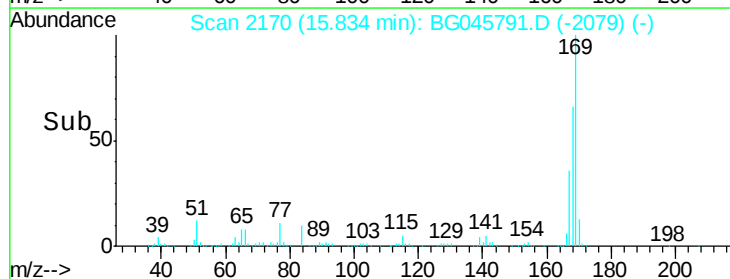
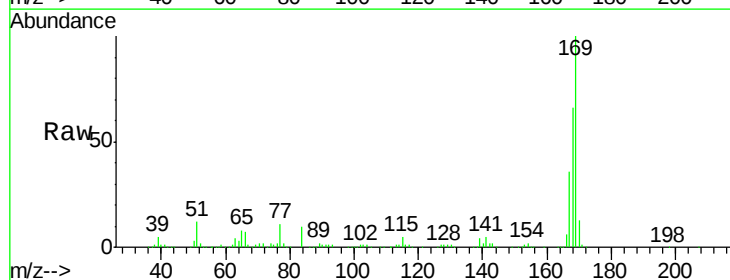
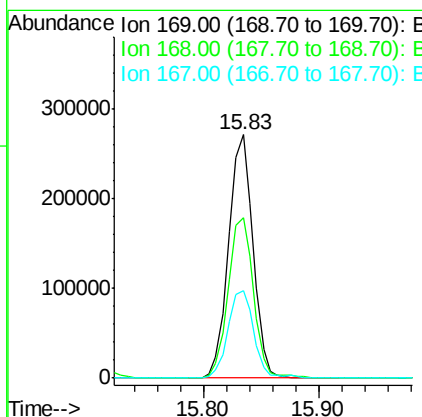
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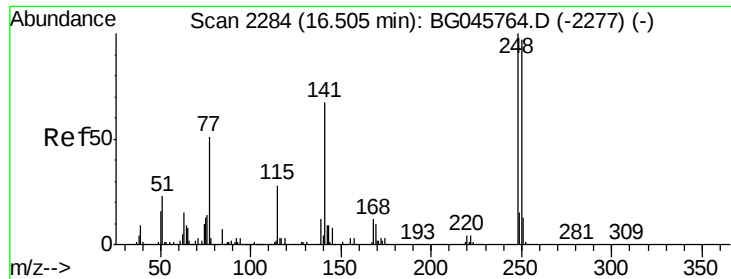
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 33.681 ng
 RT: 15.83 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	396796		
168	65.7	55.2	82.8	
167	35.9	29.8	44.6	





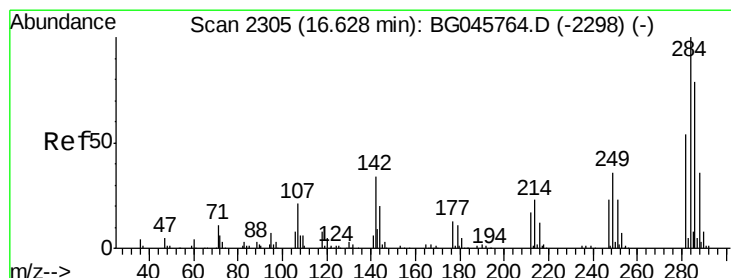
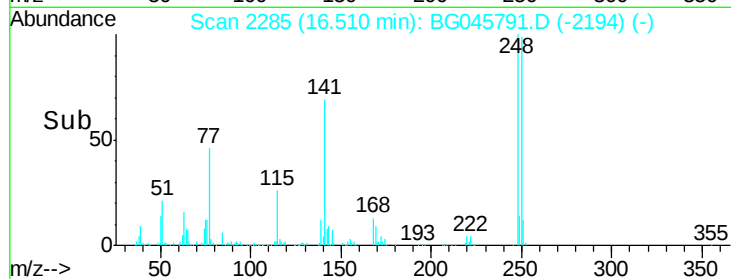
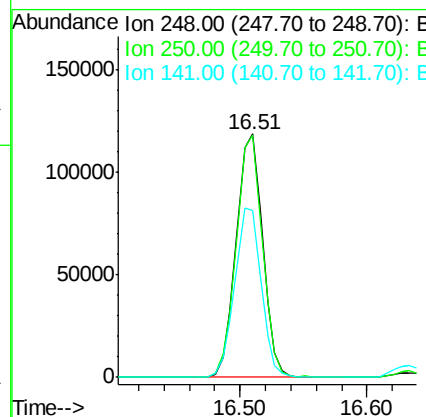
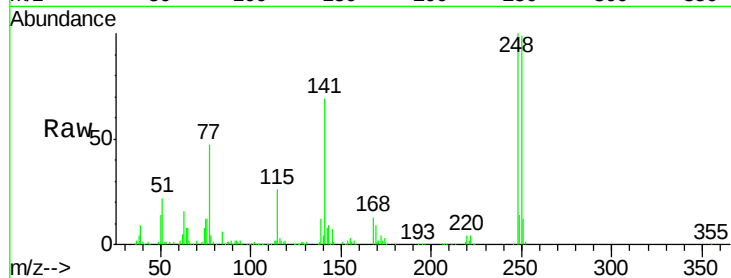
#67
 4-Bromophenyl-phenylether
 Concen: 31.556 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

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

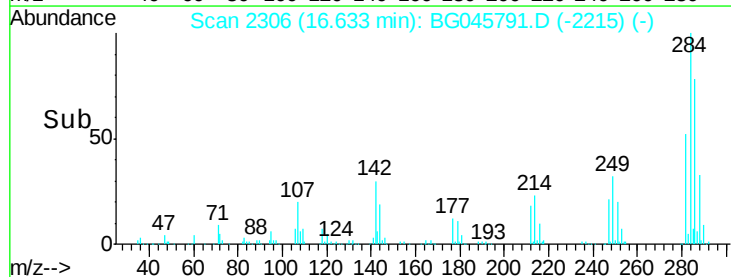
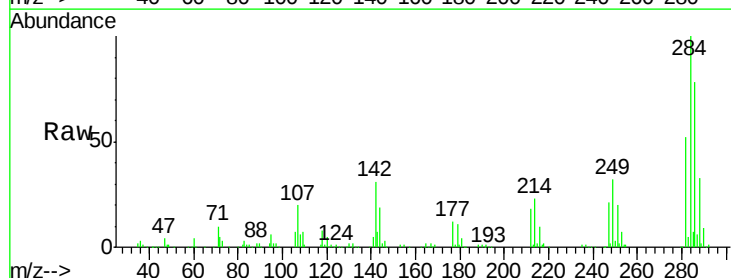
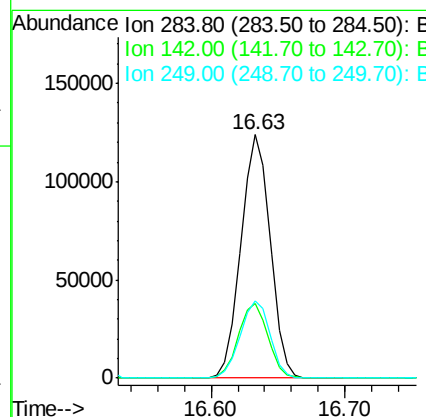
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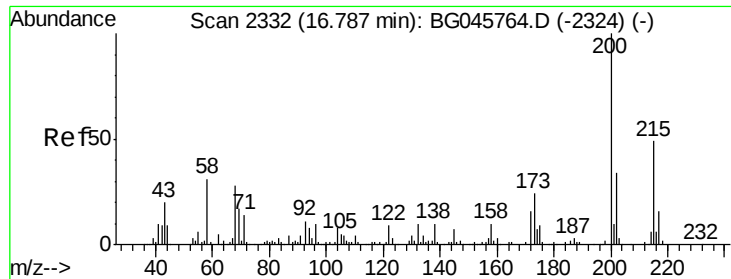
mohammad
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#68
 Hexachlorobenzene
 Concen: 33.399 ng
 RT: 16.63 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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





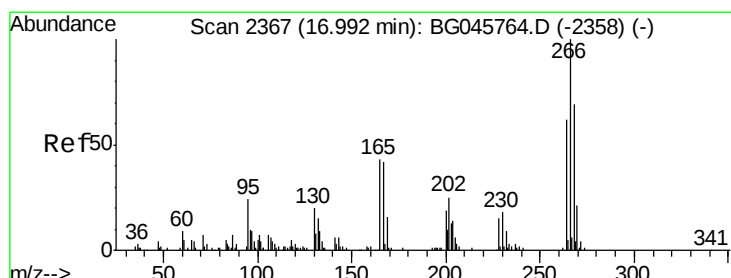
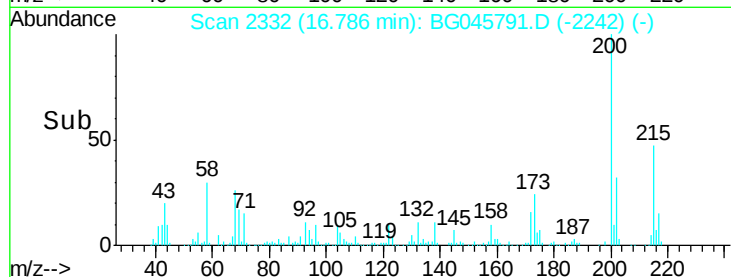
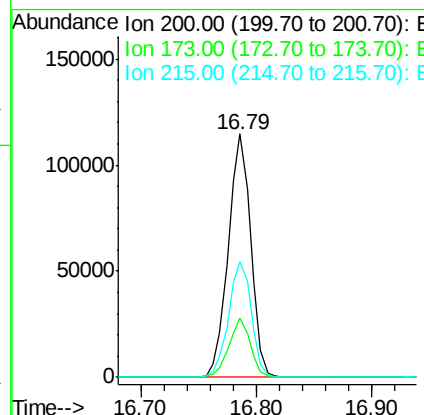
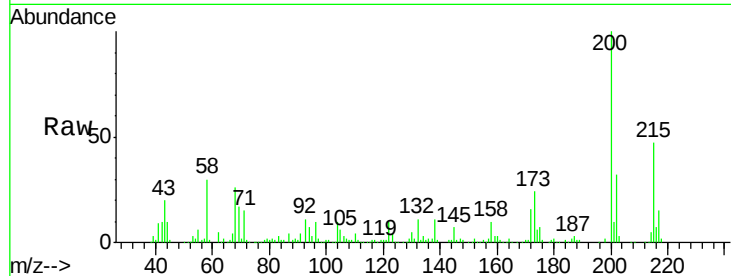
#69
Atrazine
Concen: 33.915 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	3.9	43.9
215	47.5	28.8	68.8

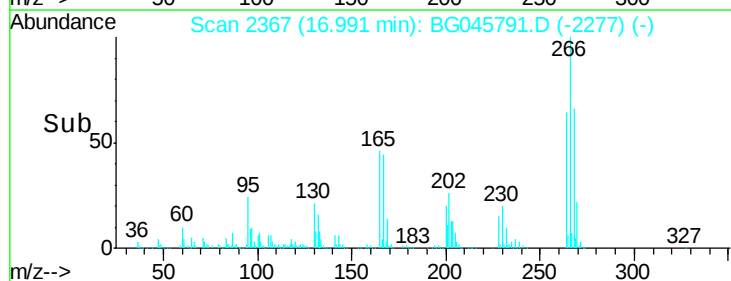
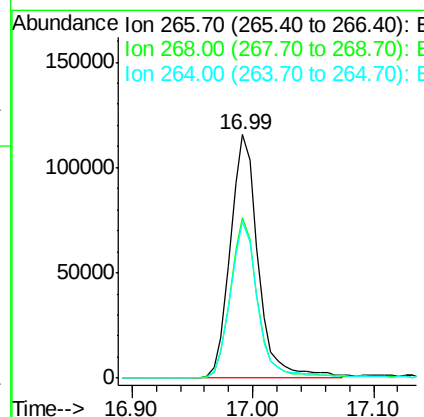
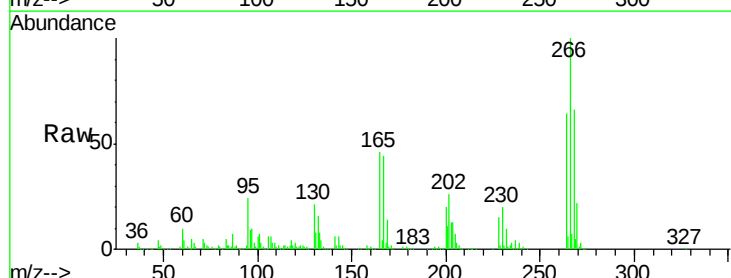
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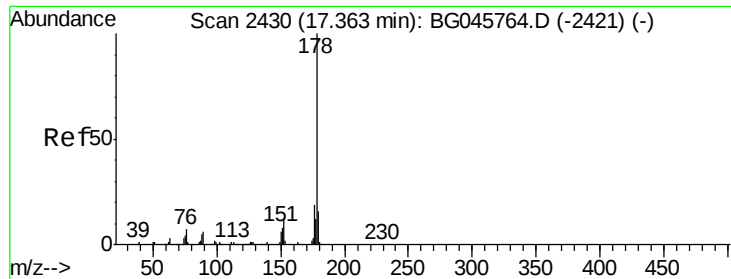
mohammad
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#70
Pentachlorophenol
Concen: 68.409 ng
RT: 16.99 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	55.4	83.0
264	64.4	49.8	74.6





#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

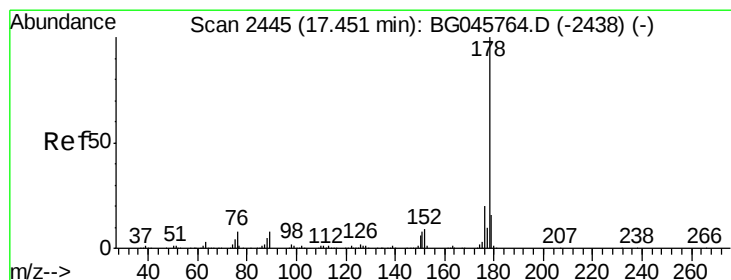
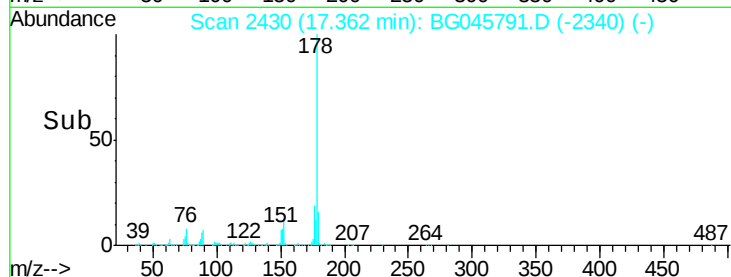
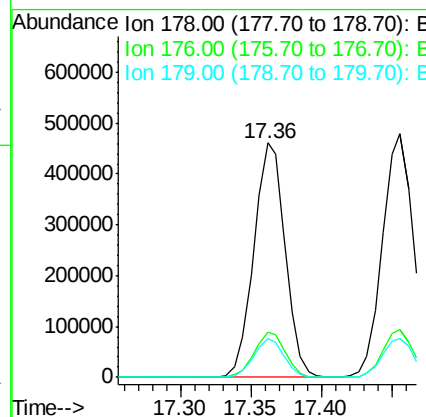
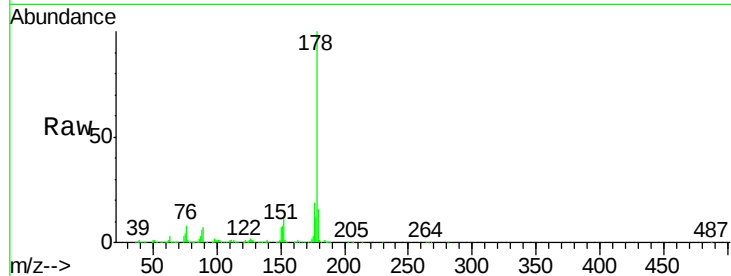
ClientSampleId :

MW-22(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.4	13.2	19.8

Manual Integrations
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#72

Anthracene

Concen: 34.305 ng

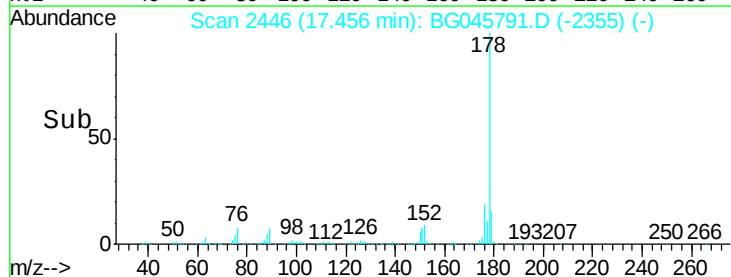
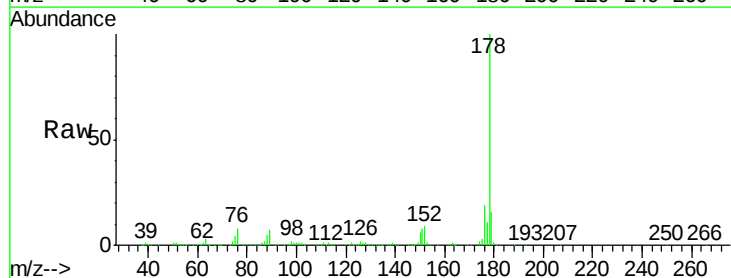
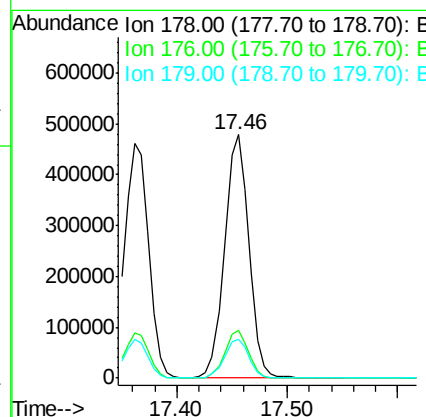
RT: 17.46 min Scan# 2446

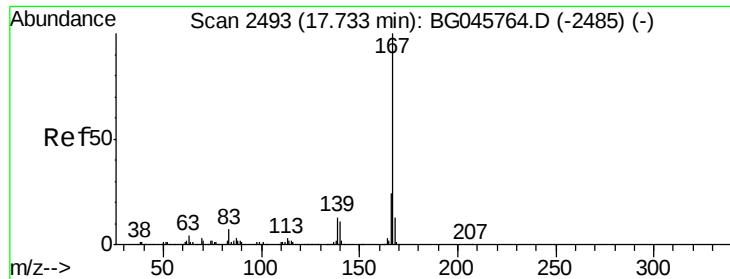
Delta R.T. 0.00 min

Lab File: BG045791.D

Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.8	13.1	19.7





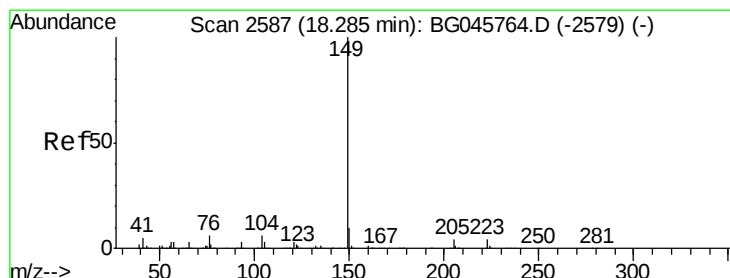
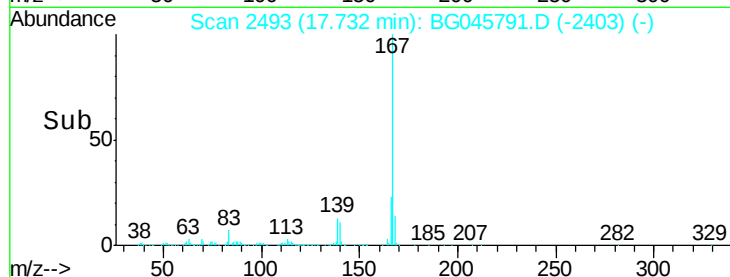
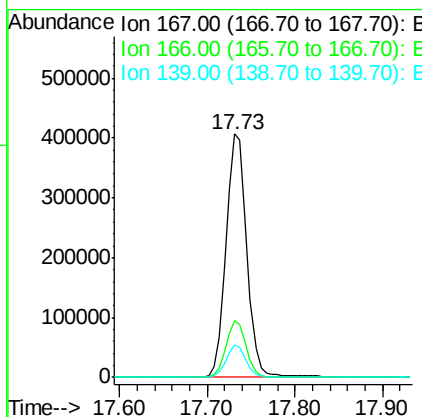
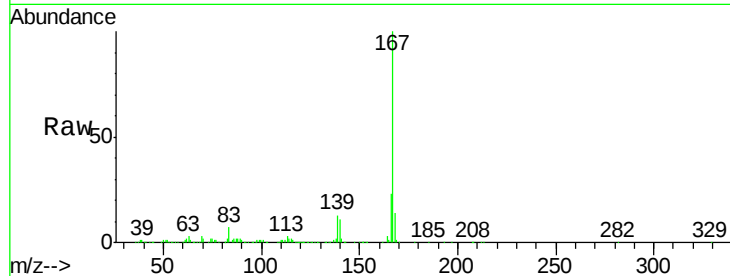
#73
 Carbazole
 Concen: 32.771 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

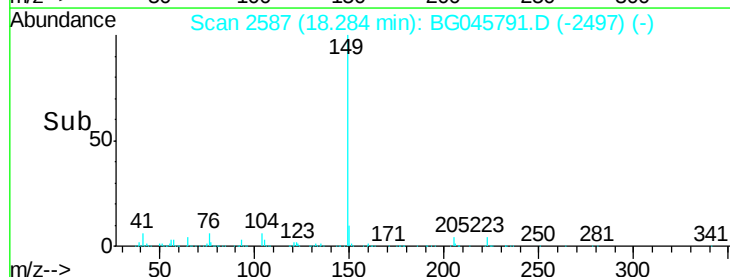
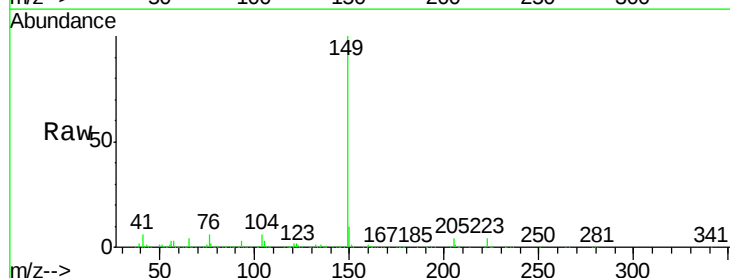
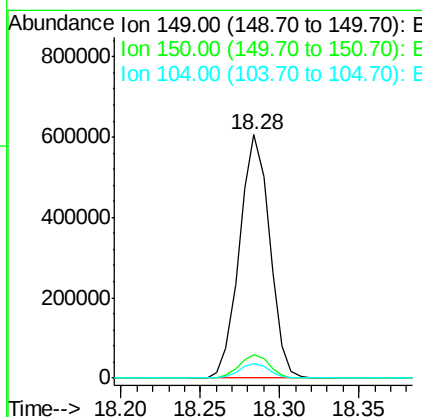
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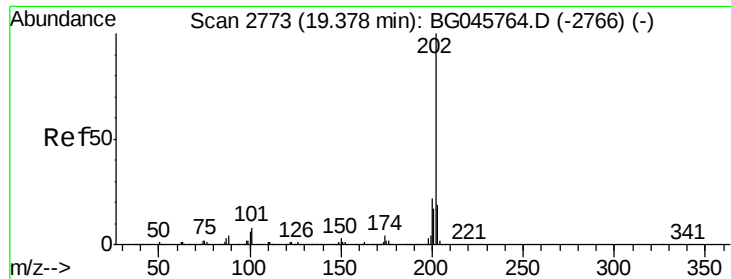
mohammad
 6/19/2020 9:24:26 AM



#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





#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

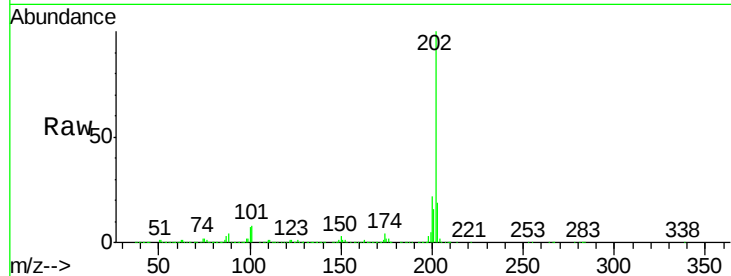
ClientSampleId :

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

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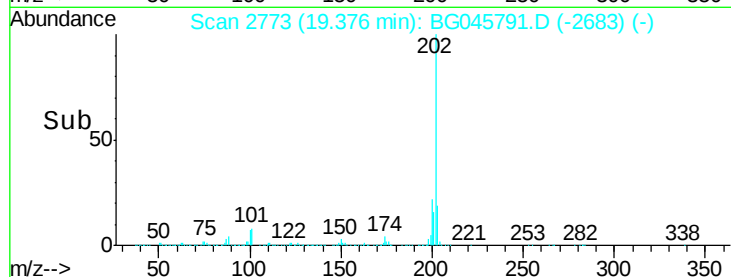
Abundance

Ion 202.00 (201.70 to 202.70): E

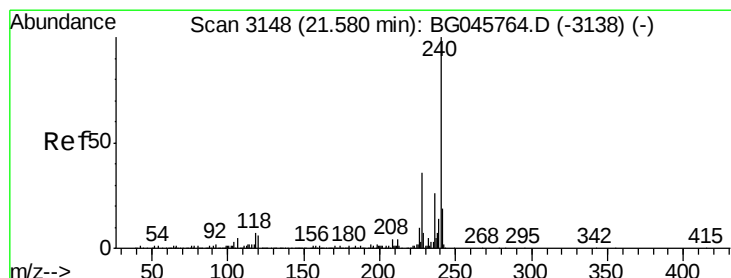
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.38



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

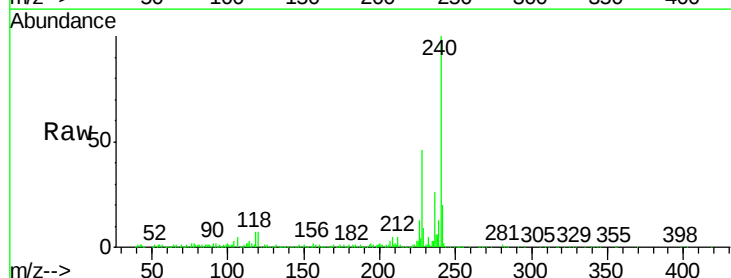
RT: 21.58 min Scan# 3148

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



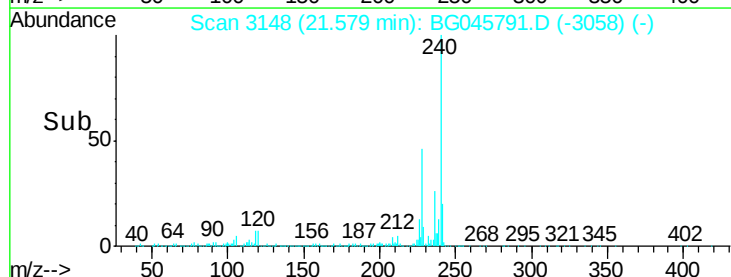
Abundance

Ion 240.00 (239.70 to 240.70): E

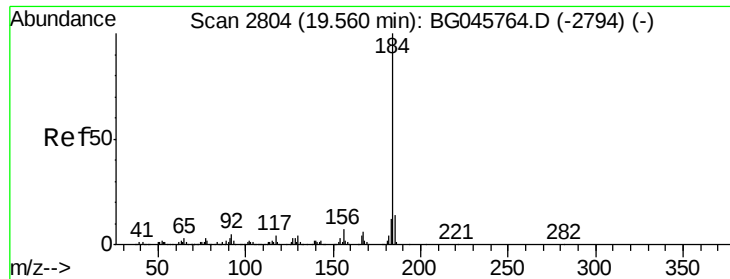
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.58



Time-->



#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

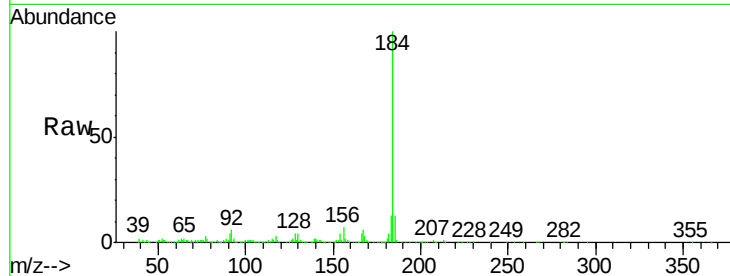
ClientSampleId :

MW-22(16.5-18.5)MS

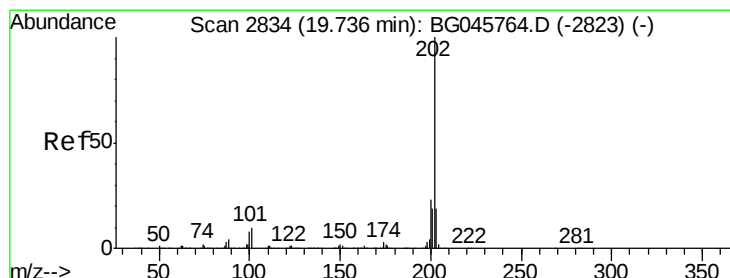
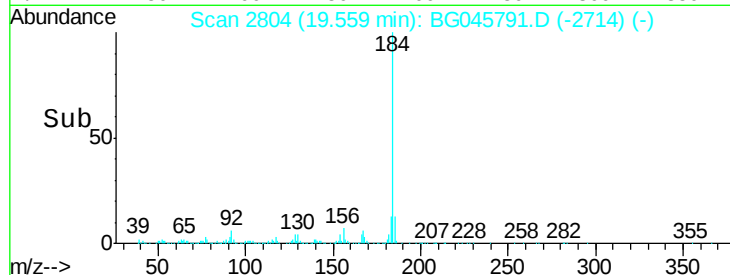
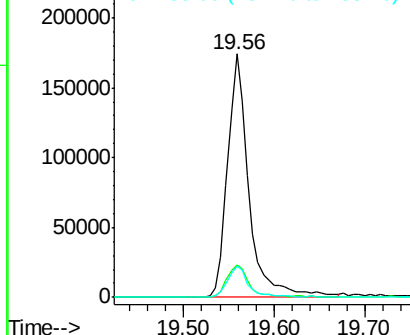
Tot Ion:	184	Resp:	285996
Ion Ratio	Lower	Upper	
184	100		
185	13.3	11.1	16.7
183	12.8	9.7	14.5

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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

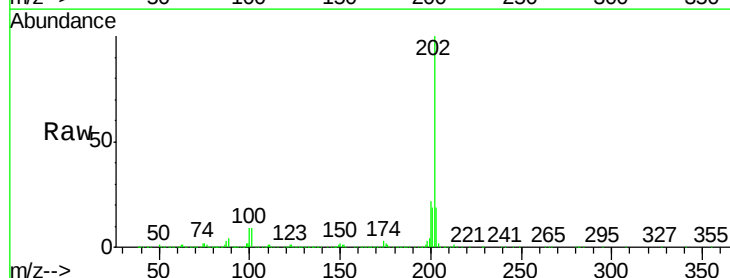
RT: 19.73 min Scan# 2834

Delta R.T. -0.00 min

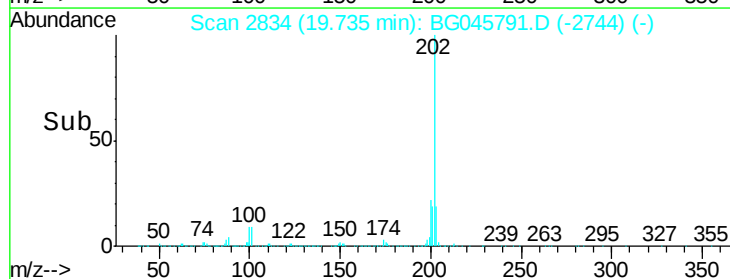
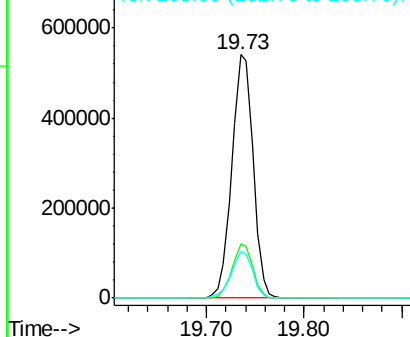
Lab File: BG045791.D

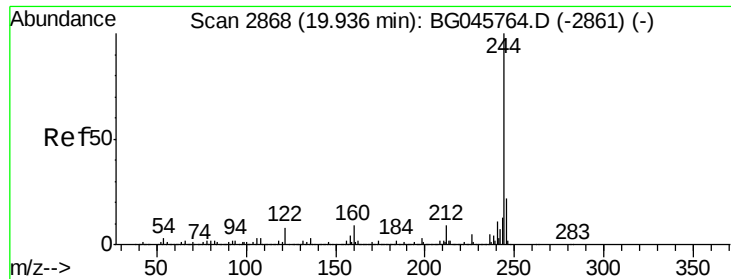
Acq: 17 Jun 2020 15:22

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

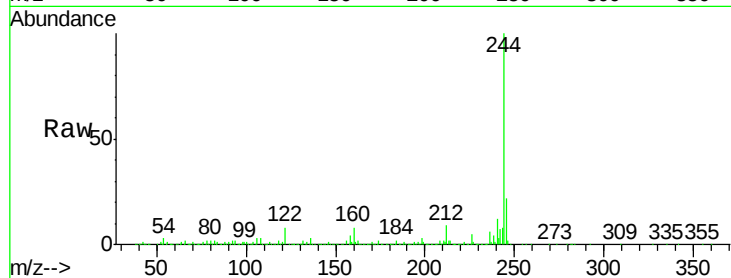
212 8.9 7.2 10.8

122 8.4 6.4 9.6

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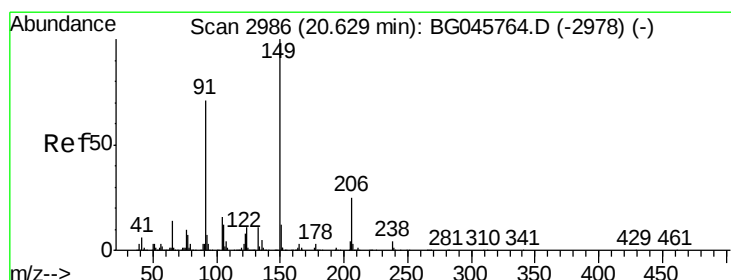
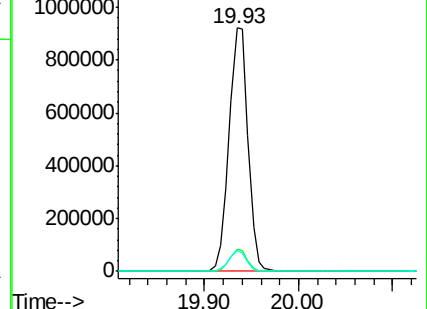
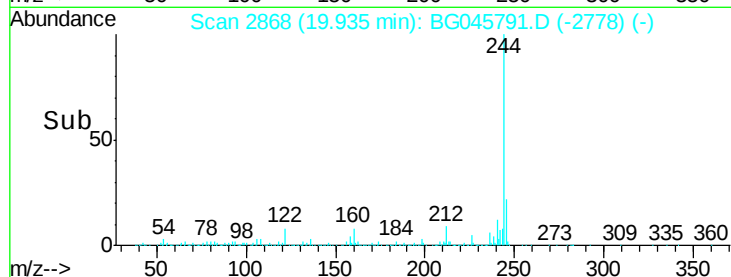
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Abundance Ion 244.00 (243.70 to 244.70): E

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

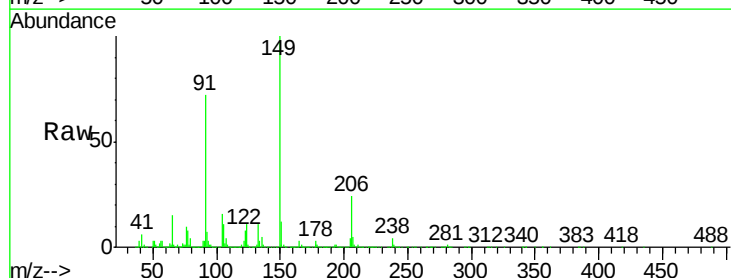
Tgt Ion:149 Resp: 320437

Ion Ratio Lower Upper

149 100

91 72.2 56.4 84.6

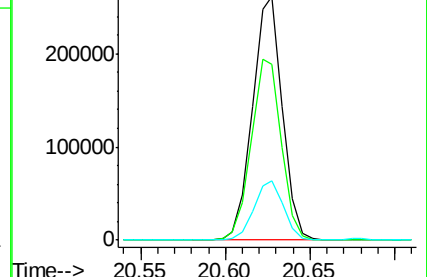
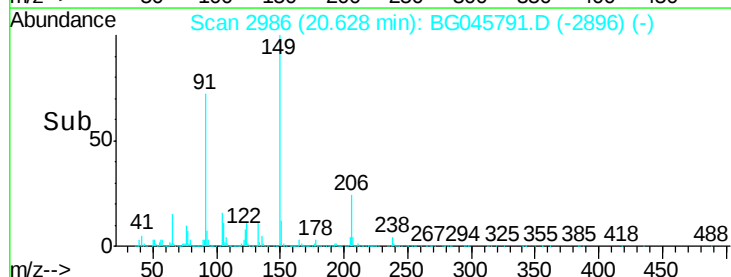
206 24.3 19.8 29.6

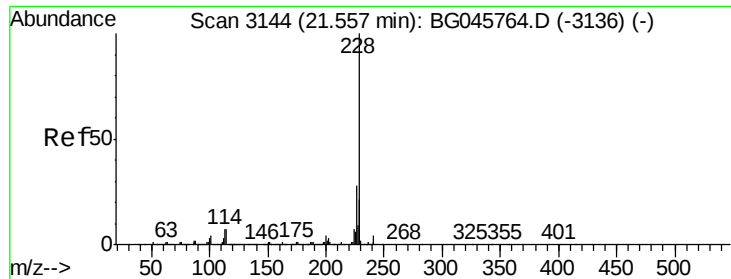


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





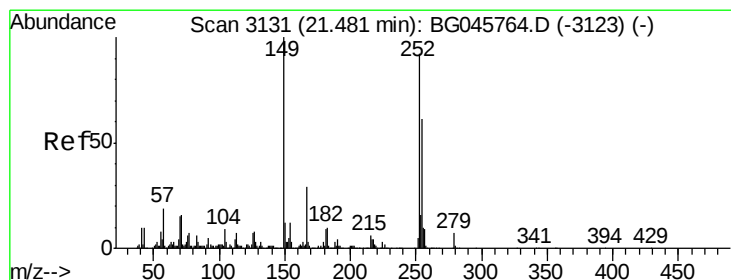
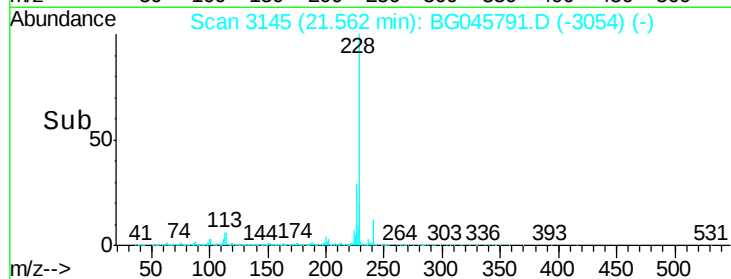
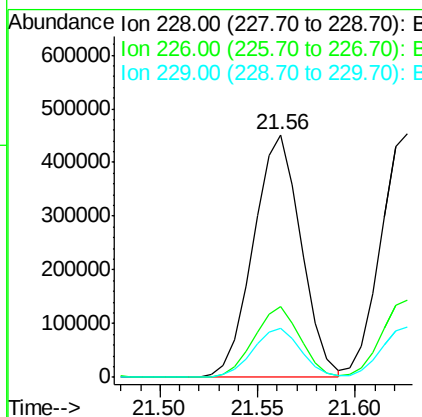
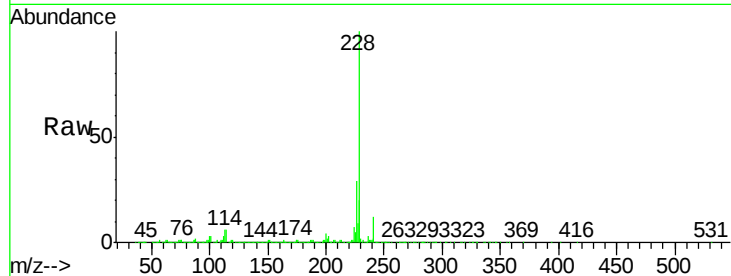
#81
Benzo(a)anthracene
Concen: 33.870 ng
RT: 21.56 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.2	16.6	24.8

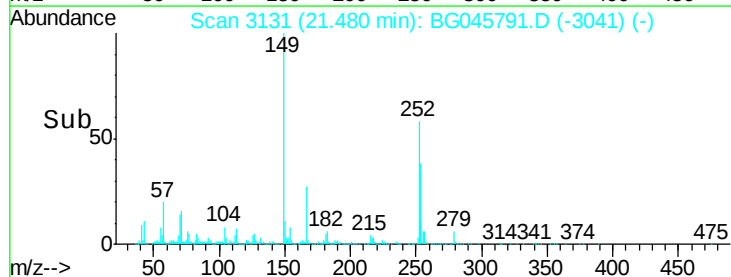
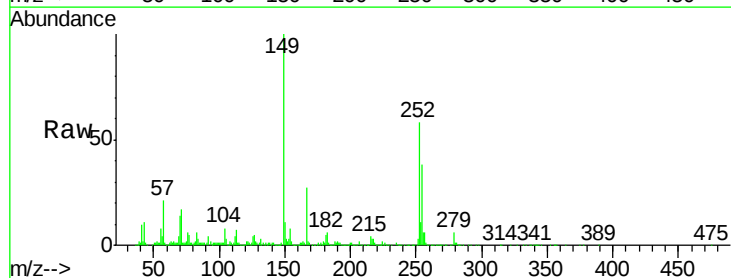
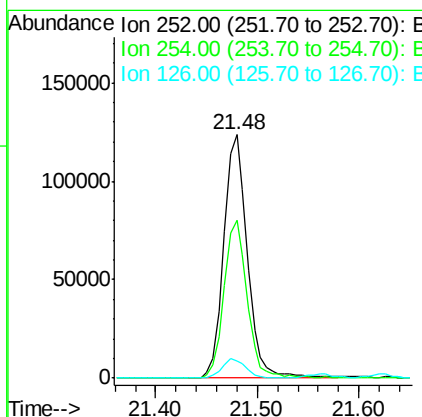
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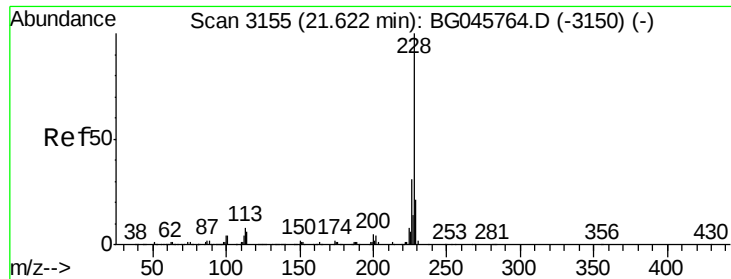
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.537 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.4	80.0
126	7.3	5.8	8.8





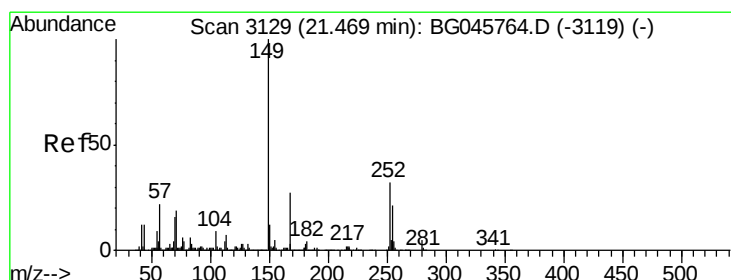
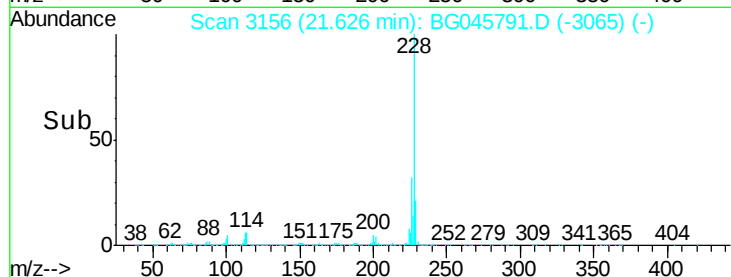
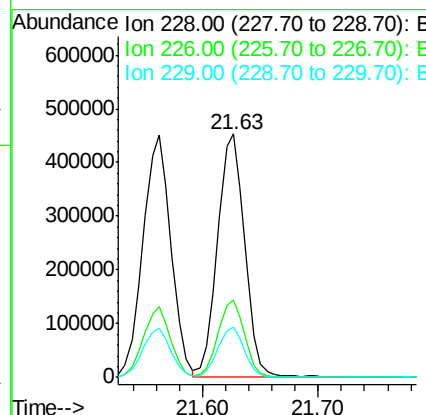
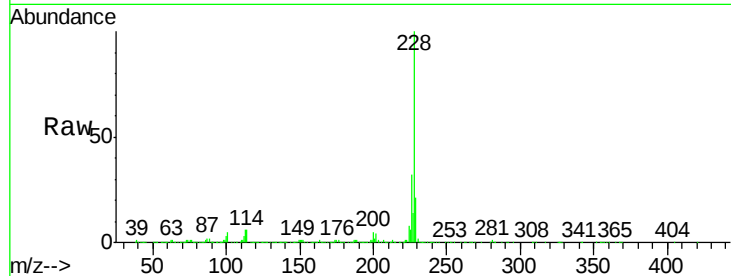
#83
 Chrysene
 Concen: 33.680 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.1	37.7
229	20.7	16.4	24.6

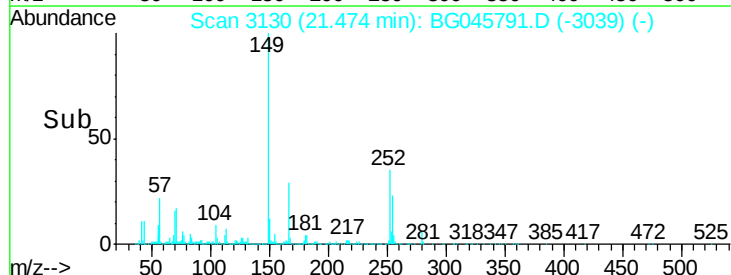
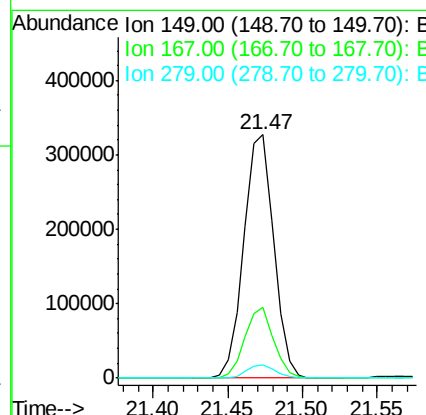
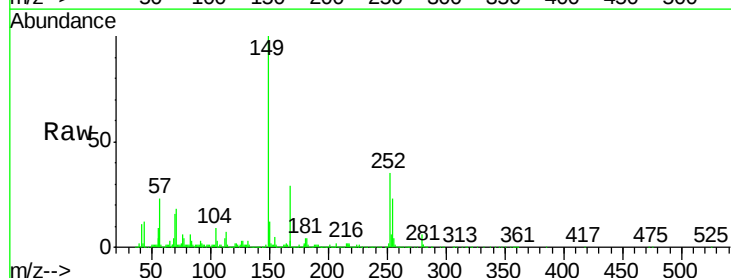
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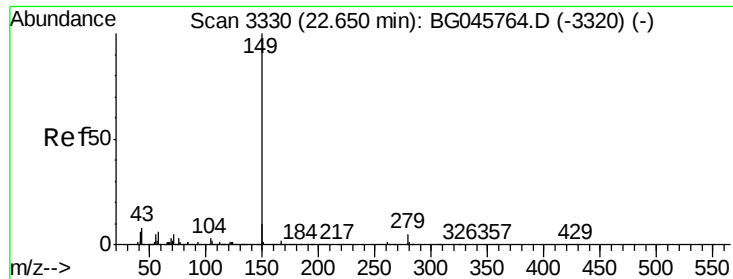
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.515 ng
 RT: 21.47 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.3	31.9
279	5.5	3.7	5.5





#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

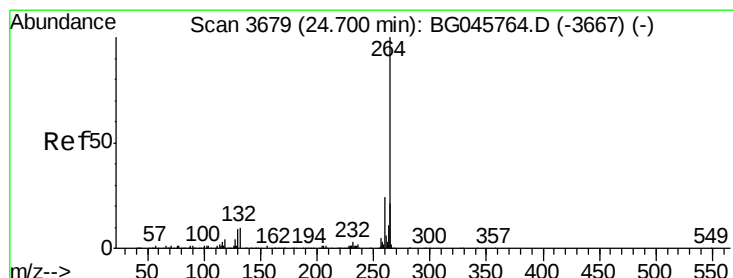
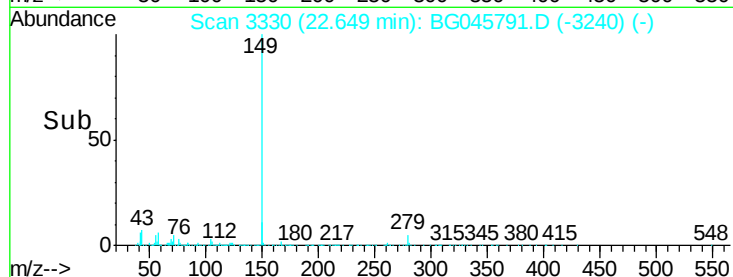
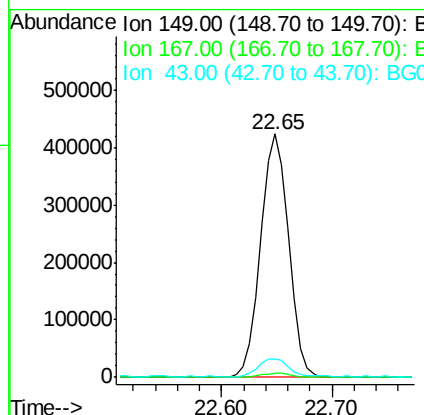
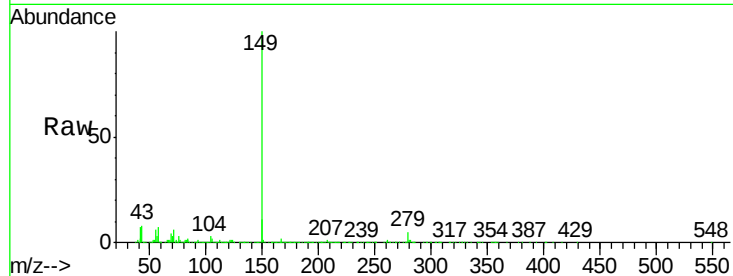
ClientSampleId :

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

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

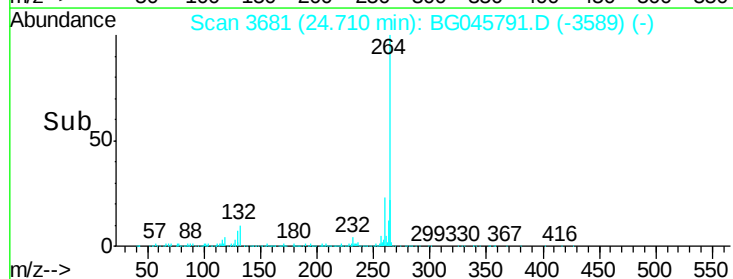
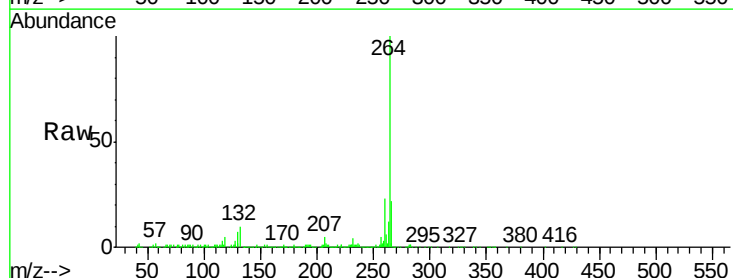
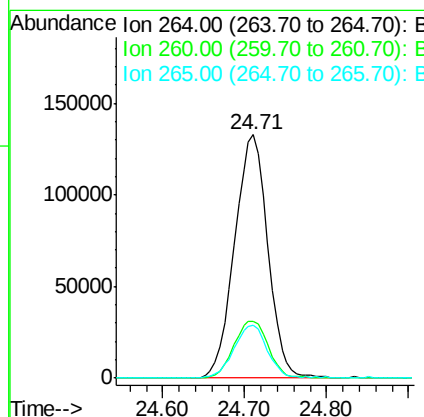
RT: 24.71 min Scan# 3681

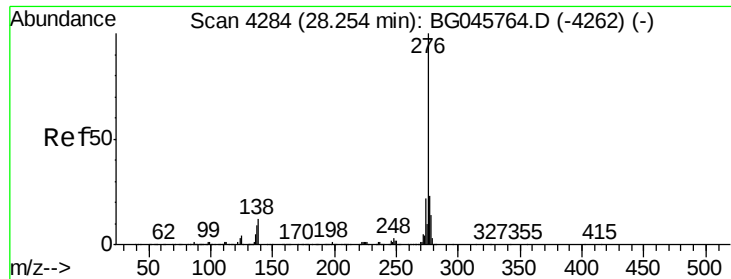
Delta R.T. 0.01 min

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





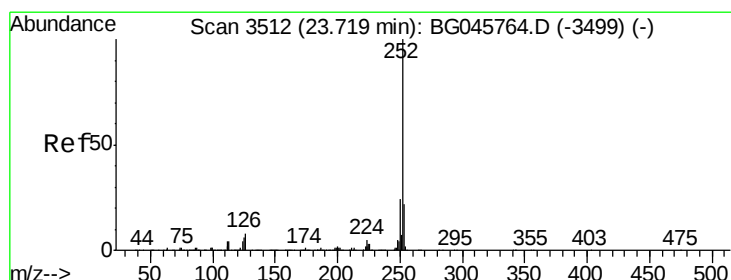
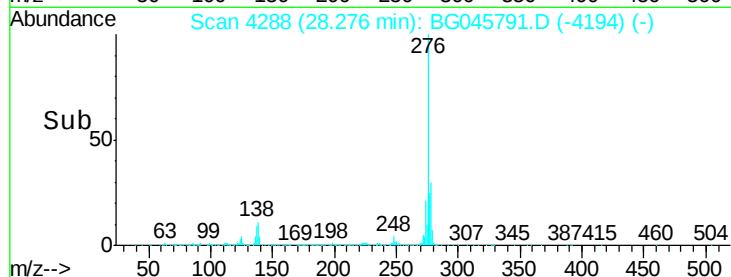
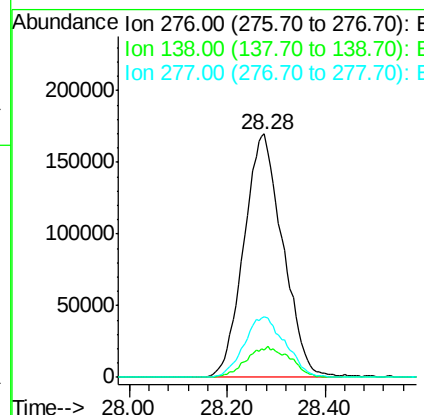
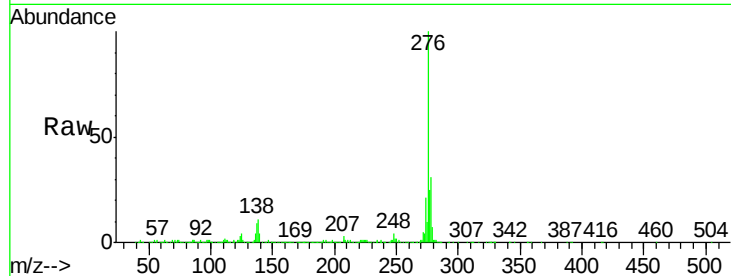
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.590 ng
 RT: 28.28 min Scan# 4288
 Delta R.T. 0.02 min
 Lab File: BG045791.D
 Acq: 17 Jun 2020 15:22

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	5.4	8.0#
277	26.4	20.6	30.8

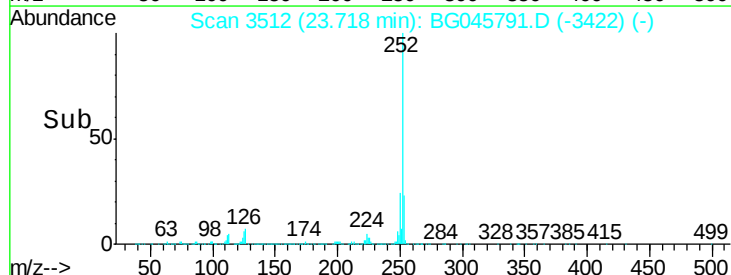
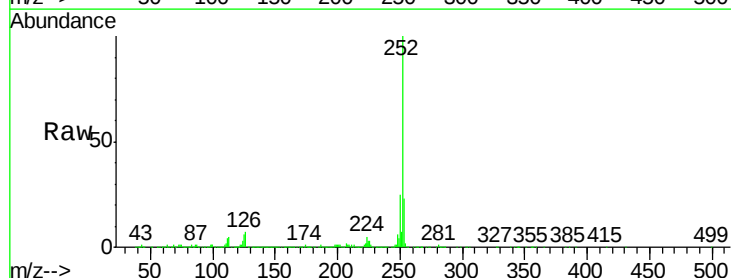
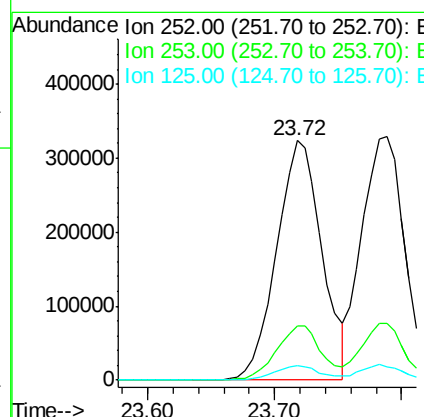
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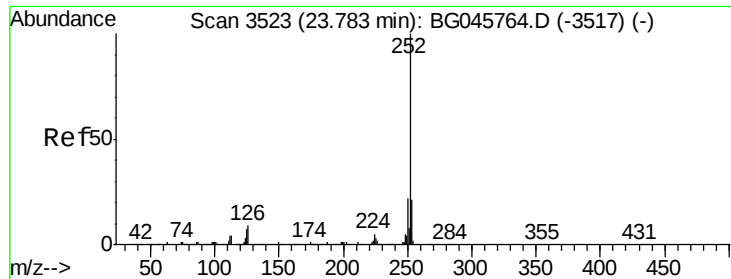
mohammad
 6/19/2020 9:24:26 AM



#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	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	5.8	5.0	7.4





#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

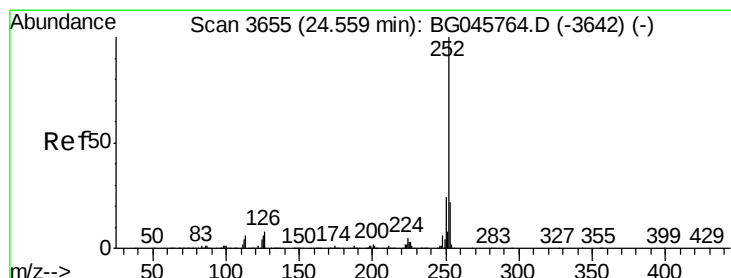
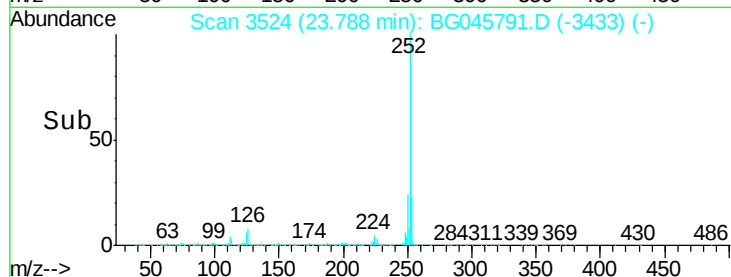
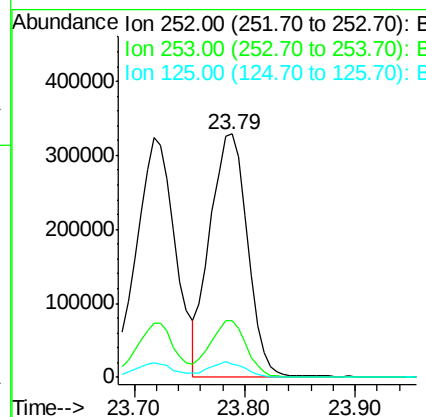
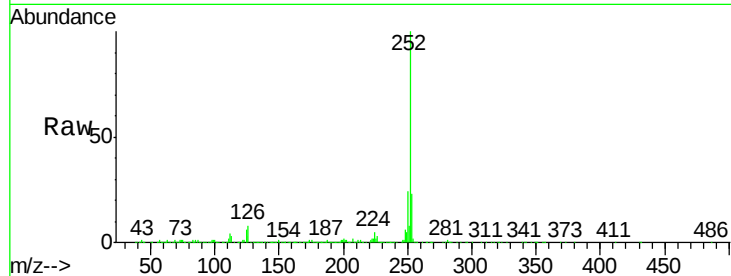
ClientSampleId :

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

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 33.266 ng

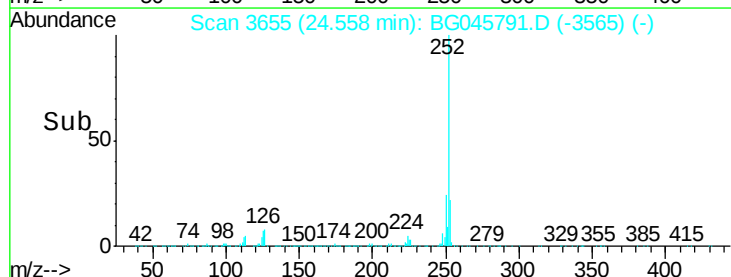
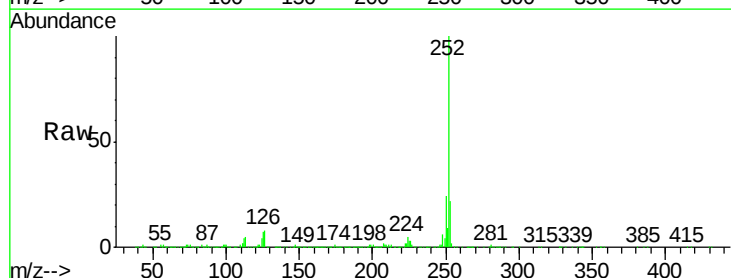
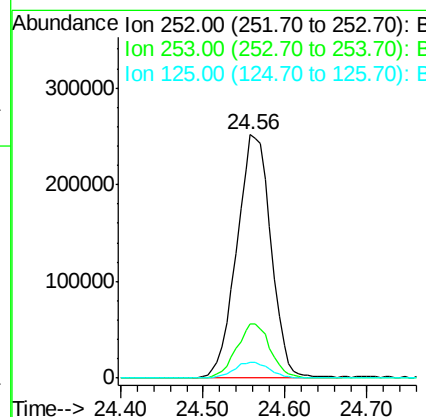
RT: 24.56 min Scan# 3655

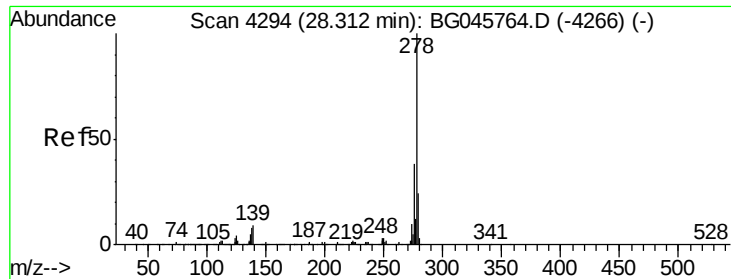
Delta R.T. -0.00 min

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





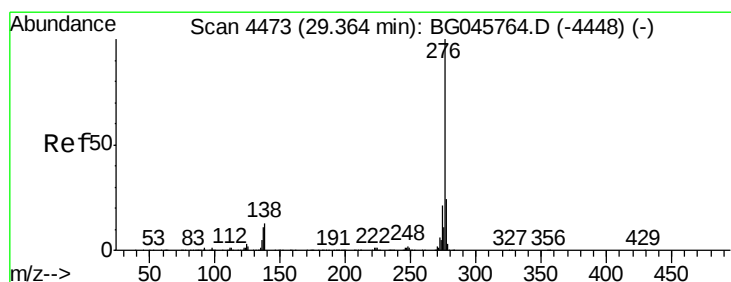
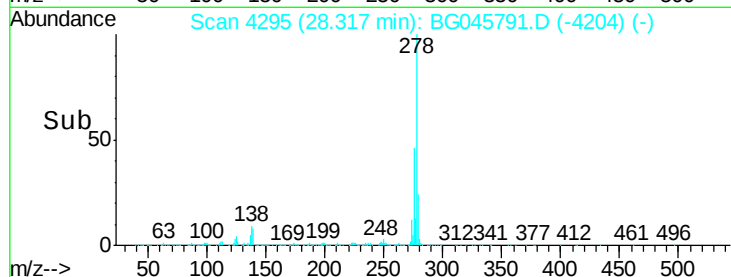
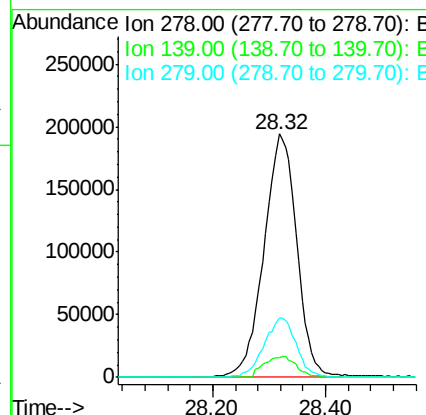
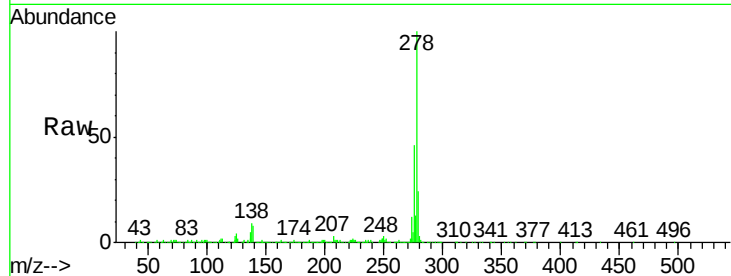
#91
Dibenzo(a,h)anthracene
Concen: 35.910 ng
RT: 28.32 min Scan# 4295
Delta R.T. 0.00 min
Lab File: BG045791.D
Acq: 17 Jun 2020 15:22

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

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

Manual Integrations
APPROVED

mohammad
6/19/2020 9:24:26 AM



#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	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	10.9	10.6	15.8

