

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

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

Manual Integrations
 APPROVED

mohammad
 6/19/2020 9:24:29 AM

Quant Time: Jun 18 02:57:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	422409	102.01	ng	0.00
7) Phenol-d6	7.16	99	604791	96.02	ng	0.00
23) Nitrobenzene-d5	9.09	82	395541	64.80	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	269575	94.52	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	861569	67.02	ng	0.00
79) Terphenyl-d14	19.94	244	1247280	70.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	55632	29.332	ng	97
3) Pyridine	3.76	79	154415	27.475	ng	98
4) n-Nitrosodimethylamine	3.68	42	68202	36.152	ng	# 98
6) Aniline	7.25	93	148034	19.960	ng	99
8) 2-Chlorophenol	7.51	128	175567	39.609	ng	93
9) Benzaldehyde	7.05	77	107643	28.452	ng	98
10) Phenol	7.19	94	231665	37.958	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	162793	35.117	ng	97
12) 1,3-Dichlorobenzene	7.81	146	188013	35.593	ng	99
13) 1,4-Dichlorobenzene	7.95	146	192540	36.492	ng	99
14) 1,2-Dichlorobenzene	8.28	146	181641	35.961	ng	97
15) Benzyl Alcohol	8.18	79	175114	35.925	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	149078	34.121	ng	82
17) 2-Methylphenol	8.42	107	153433	33.781	ng	99
18) Hexachloroethane	9.00	117	73064	36.461	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	146764	35.441	ng	97
20) 3+4-Methylphenols	8.75	107	206504	34.570	ng	# 79
22) Acetophenone	8.75	105	263101	34.378	ng	# 98
24) Nitrobenzene	9.13	77	220754	33.921	ng	99
25) Isophorone	9.65	82	389574	32.970	ng	98
26) 2-Nitrophenol	9.84	139	97816	36.077	ng	95
27) 2,4-Dimethylphenol	9.94	122	154620	37.353	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	217836	35.294	ng	97
29) 2,4-Dichlorophenol	10.41	162	176063	36.456	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	197841	34.603	ng	97
31) Naphthalene	10.78	128	531087	34.839	ng	98
32) Benzoic acid	10.15	122	101483	39.709	ng	90
33) 4-Chloroaniline	10.90	127	76234	11.942	ng	96
34) Hexachlorobutadiene	11.07	225	139928	34.413	ng	100
35) Caprolactam	11.67	113	55433m	35.470	ng	
36) 4-Chloro-3-methylphenol	12.08	107	196895	35.310	ng	97
37) 2-Methylnaphthalene	12.39	142	395036	34.800	ng	98
38) 1-Methylnaphthalene	12.61	142	376221	35.023	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	229868	36.953	ng	98

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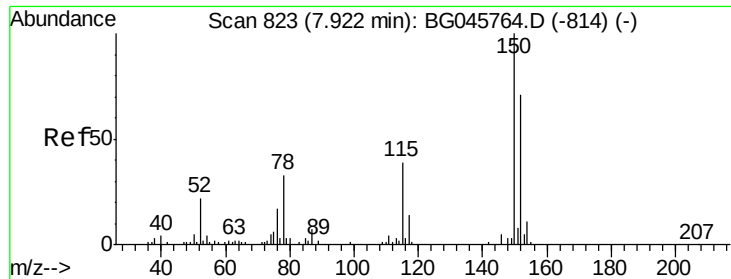
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	169588	52.581	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	152321	36.116	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	162183	33.741	nq	97
46) 1,1'-Biphenyl	13.40	154	490014	36.230	nq	99
47) 2-Chloronaphthalene	13.45	162	383658	35.116	nq	98
48) 2-Nitroaniline	13.66	65	121650	33.474	nq	99
49) Acenaphthylene	14.29	152	609173	34.810	nq	99
50) Dimethylphthalate	14.03	163	609857	41.208	nq	99
51) 2,6-Dinitrotoluene	14.15	165	110961	33.382	nq	97
52) Acenaphthene	14.64	154	366163	34.519	nq	97
53) 3-Nitroaniline	14.49	138	62753	18.901	nq	89
54) 2,4-Dinitrophenol	14.70	184	79575	47.580	nq	96
55) Dibenzofuran	14.97	168	587928	34.119	nq	99
56) 4-Nitrophenol	14.87	139	151764	64.604	nq	98
57) 2,4-Dinitrotoluene	14.94	165	158580	33.297	nq	96
58) Fluorene	15.62	166	492534	34.374	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	148432	35.579	nq	97
60) Diethylphthalate	15.40	149	509994	33.710	nq	96
61) 4-Chlorophenyl-phenylether	15.61	204	271124	32.830	nq	97
62) 4-Nitroaniline	15.66	138	97606m	28.645	nq	
63) Azobenzene	15.91	77	500117	34.427	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	68904	26.785	nq	92
66) n-Nitrosodiphenylamine	15.83	169	428334	36.330	nq	100
67) 4-Bromophenyl-phenylether	16.51	248	185945	34.378	nq	97
68) Hexachlorobenzene	16.63	284	203037	36.201	nq	96
69) Atrazine	16.79	200	156700	34.251	nq	98
70) Pentachlorophenol	16.99	266	203133	74.064	nq	96
71) Phenanthrene	17.36	178	746387	34.767	nq	98
72) Anthracene	17.45	178	773992	36.205	nq	100
73) Carbazole	17.73	167	686919	33.746	nq	99
74) Di-n-butylphthalate	18.29	149	821784	34.096	nq	99
75) Fluoranthene	19.38	202	870094	32.960	nq	100
77) Benzdine	19.56	184	348453	37.489	nq	99
78) Pyrene	19.74	202	857178	35.803	nq	100
80) Butylbenzylphthalate	20.62	149	335173	33.446	nq	93
81) Benzo(a)anthracene	21.56	228	800128	34.518	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	209007	23.837	nq	97
83) Chrysene	21.63	228	773581	34.503	nq	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	473100	33.940	nq	# 96
85) Di-n-octyl phthalate	22.65	149	796522	33.127	nq	99
87) Indeno(1,2,3-cd)pyrene	28.27	276	988176	35.854	nq	# 95
88) Benzo(b)fluoranthene	23.72	252	849177	35.624	nq	96
89) Benzo(k)fluoranthene	23.78	252	803937	35.239	nq	98
90) Benzo(a)pyrene	24.57	252	765718	34.388	nq	100
91) Dibenzo(a,h)anthracene	28.32	278	822450	37.212	nq	100
92) Benzo(g,h,i)perylene	29.37	276	813401	36.769	nq	98

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



#1

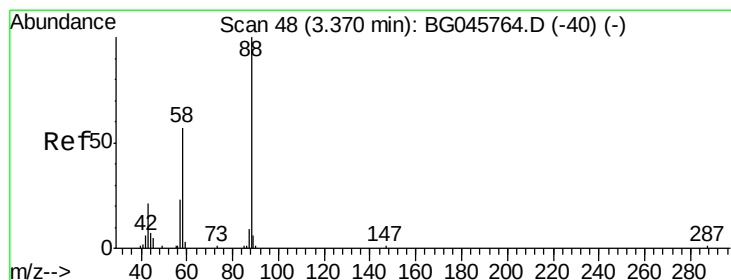
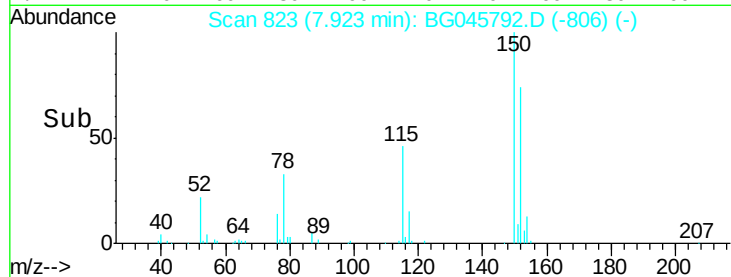
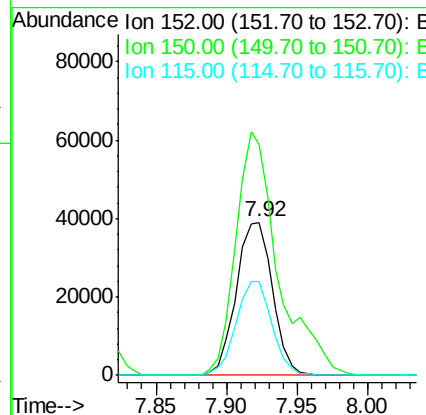
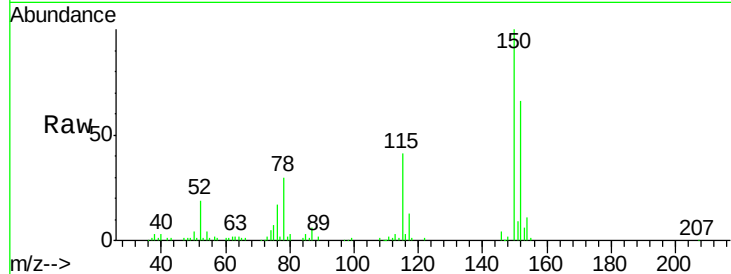
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

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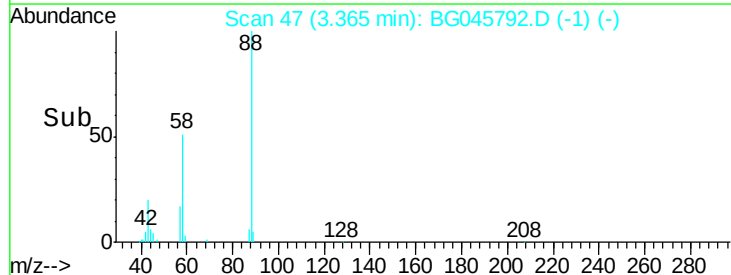
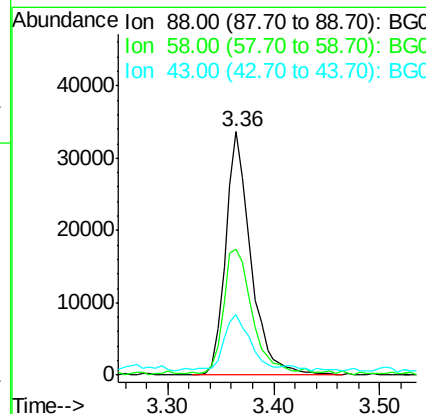
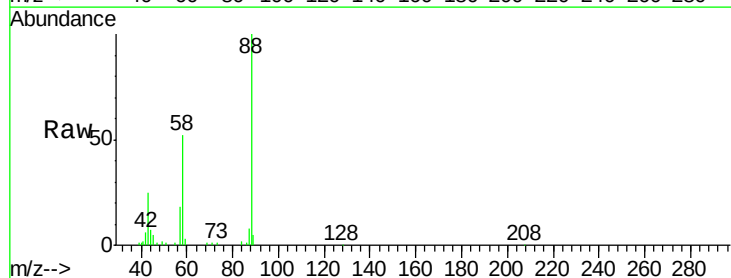
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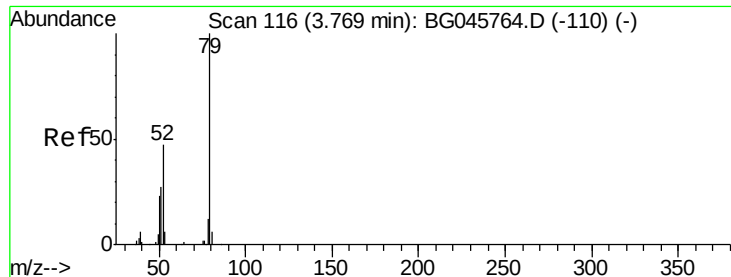


#2

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

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





#3

Pvridine

Concen: 27.475 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

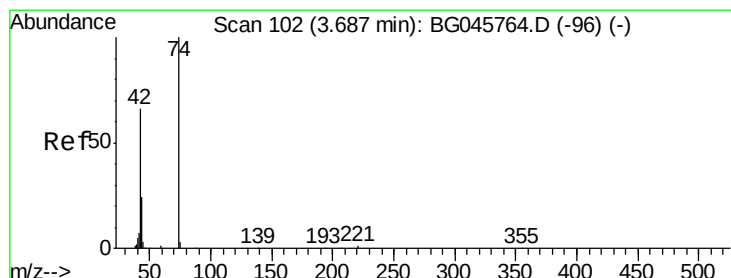
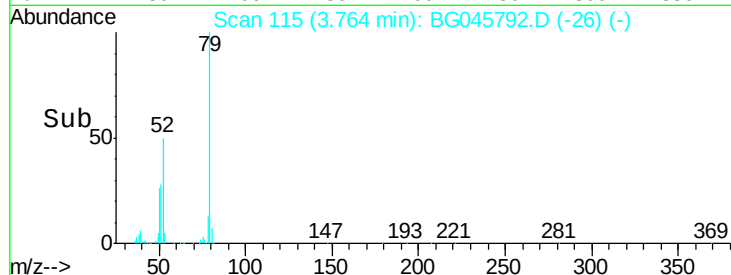
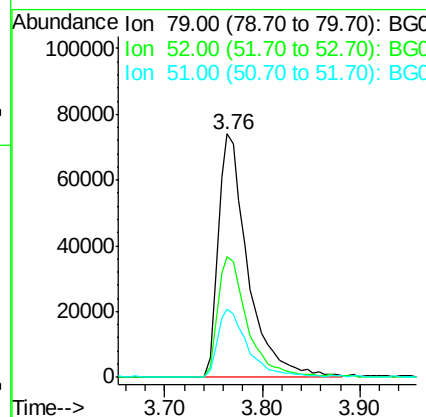
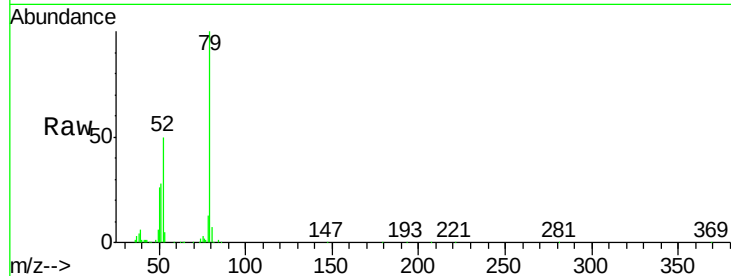
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:	79	Resp:	154415
Ion Ratio	Lower	Upper	
79	100		
52	49.6	37.9	56.9
51	28.0	22.0	33.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.152 ng

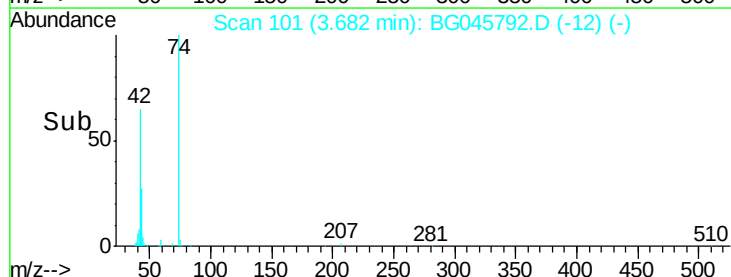
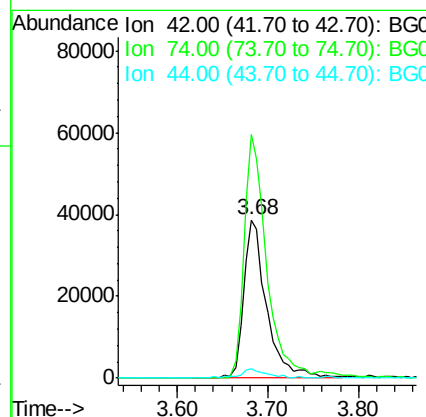
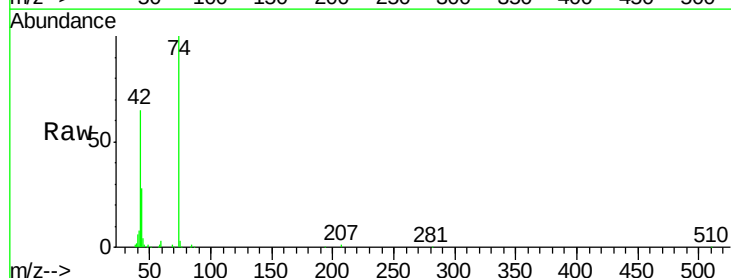
RT: 3.68 min Scan# 101

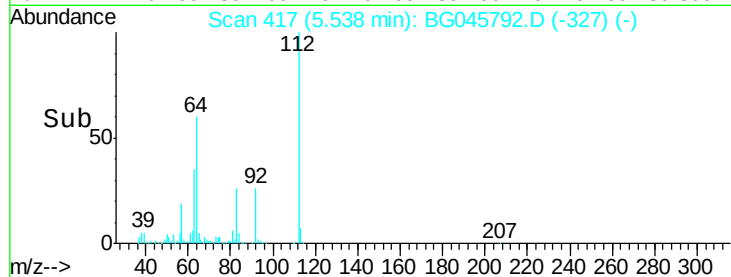
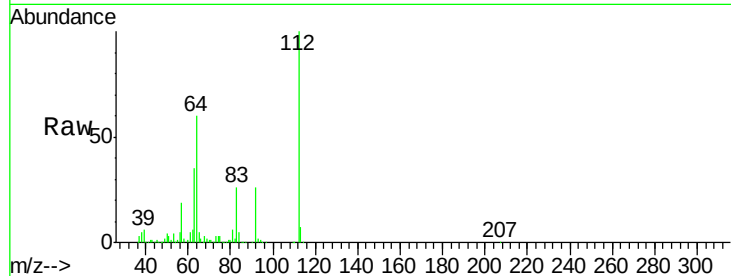
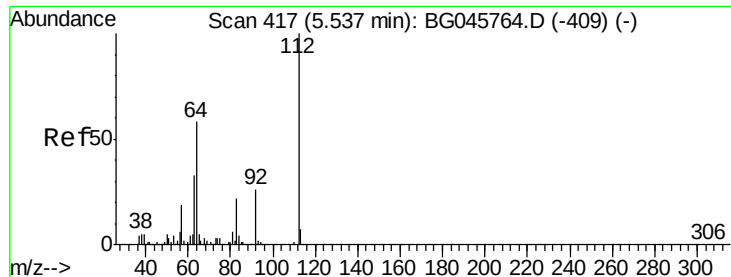
Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	42	Resp:	68202
Ion Ratio	Lower	Upper	
42	100		
74	154.0	121.0	181.4
44	5.9	3.5	5.3





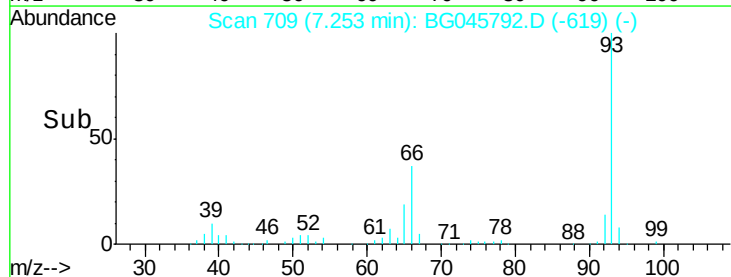
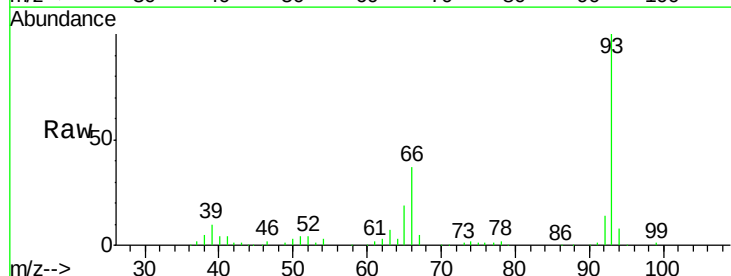
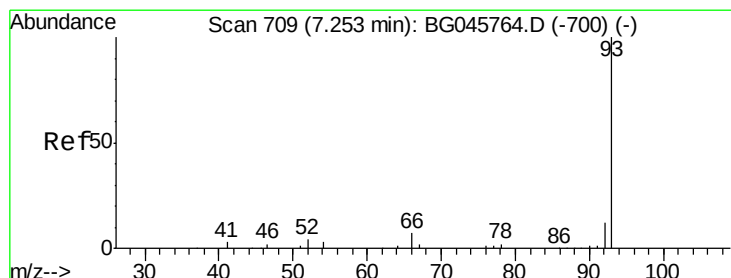
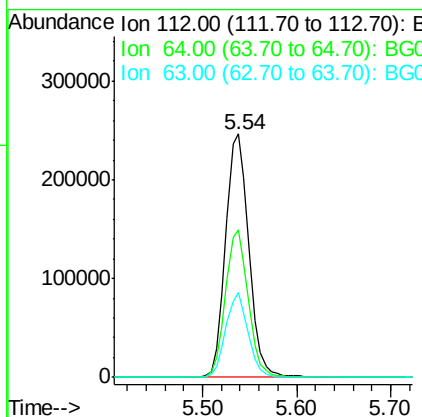
#5
2-Fluorophenol
Concen: 102.005 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	422409		
64	60.5	46.6	69.8	
63	34.8	26.3	39.5	

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

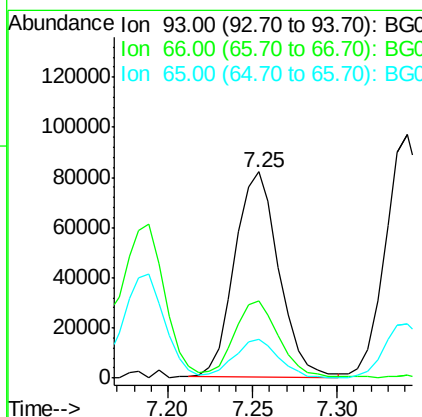
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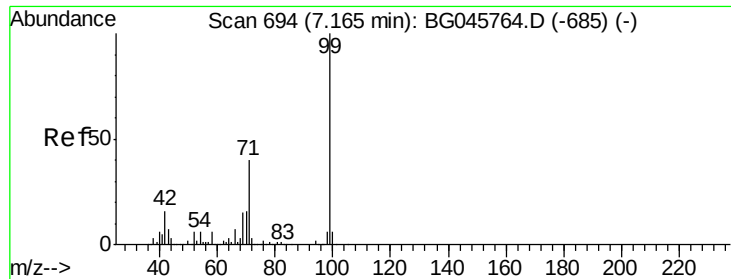
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#6
Aniline
Concen: 19.960 ng
RT: 7.25 min Scan# 709
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	148034		
66	37.3	30.0	45.0	
65	19.0	14.7	22.1	





#7

Phenol-d6

Concen: 96.015 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

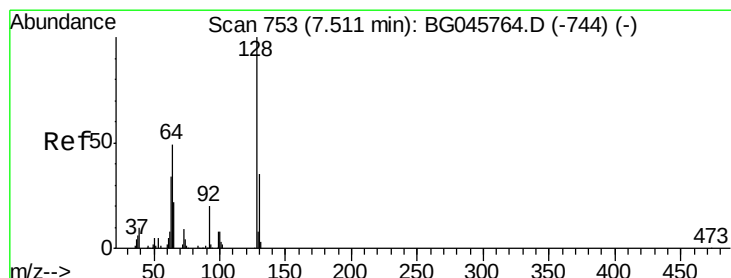
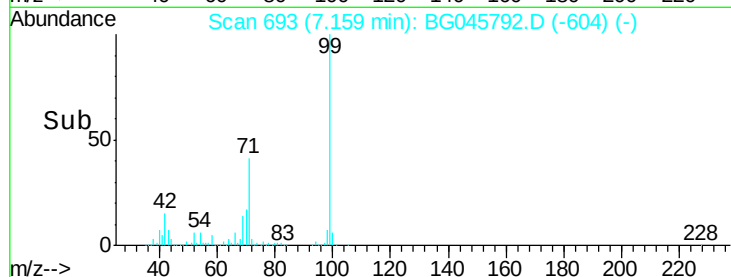
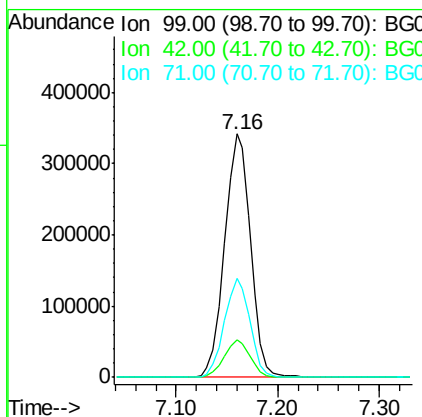
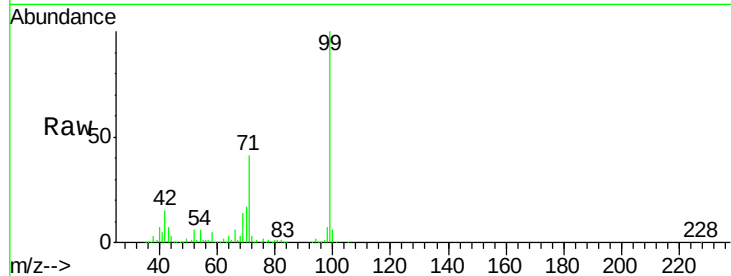
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		604791		
42	15.5	12.4	18.6		
71	40.6	32.1	48.1		

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#8

2-Chlorophenol

Concen: 39.609 ng

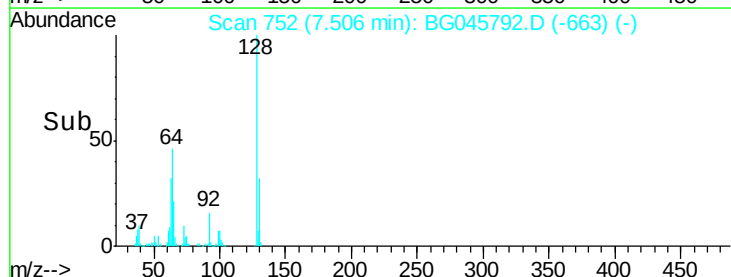
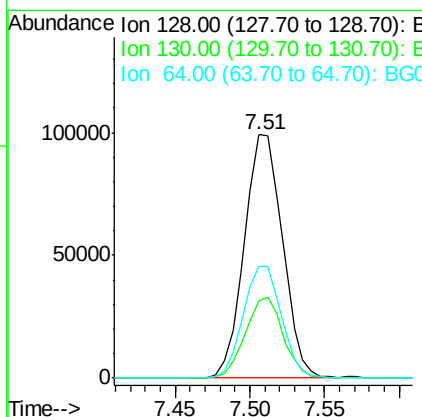
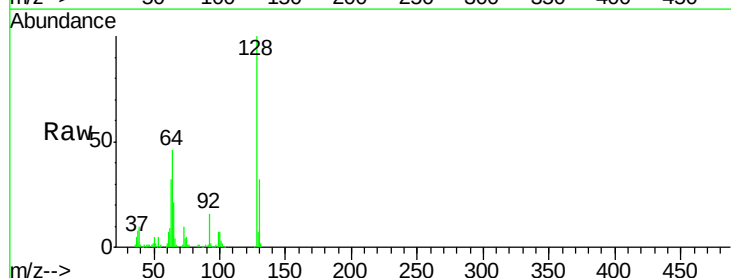
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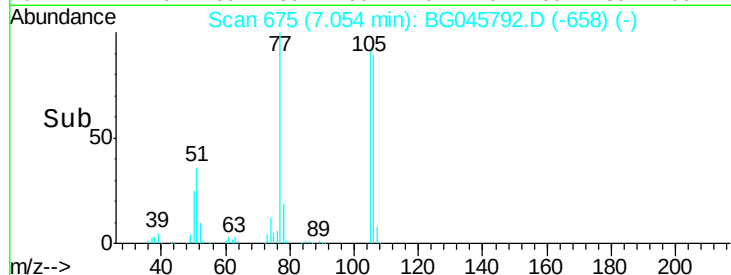
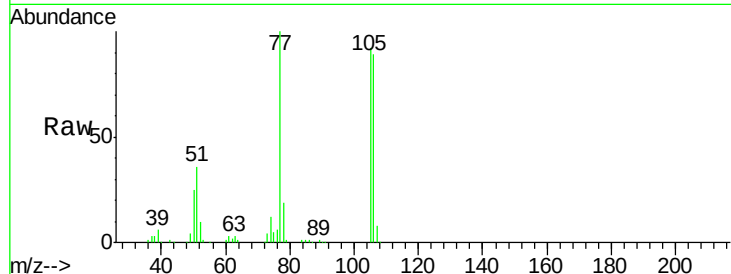
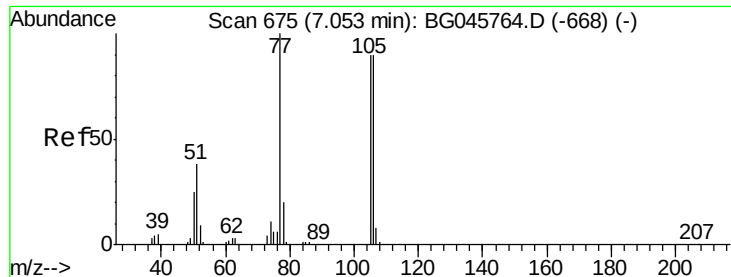
Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		175567		
130	31.9	14.5	54.5		
64	46.0	31.6	71.6		





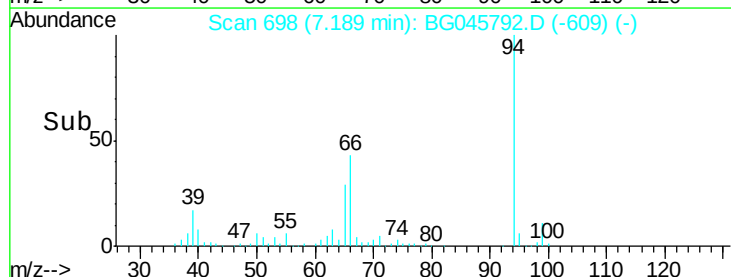
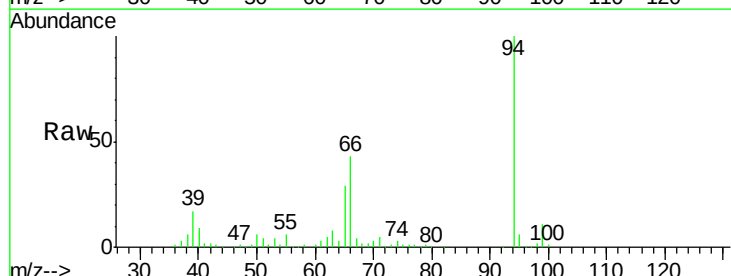
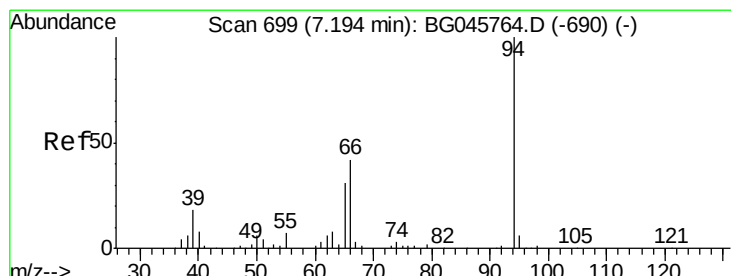
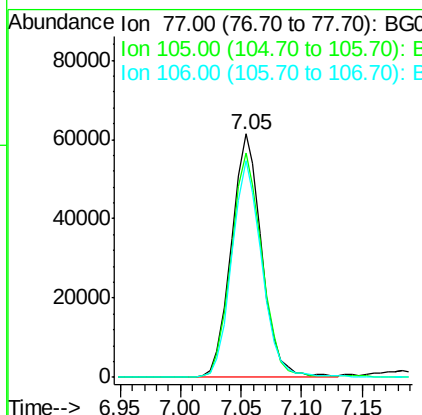
#9
Benzaldehyde
Concen: 28.452 ng
RT: 7.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tot Ion	Ratio	Resp	Lower	Upper
77	100	107643		
105	92.2	70.4	110.4	
106	88.9	70.2	110.2	

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

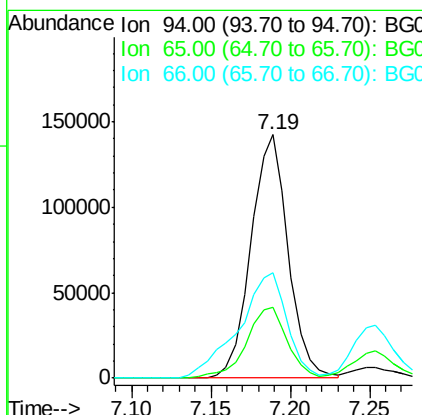
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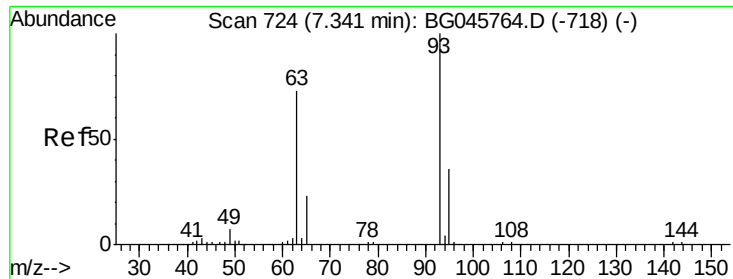
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#10
Phenol
Concen: 37.958 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	231665		
65	29.0	10.7	50.7	
66	43.2	22.5	62.5	





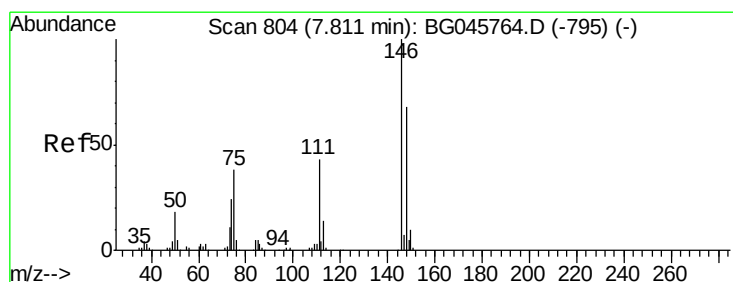
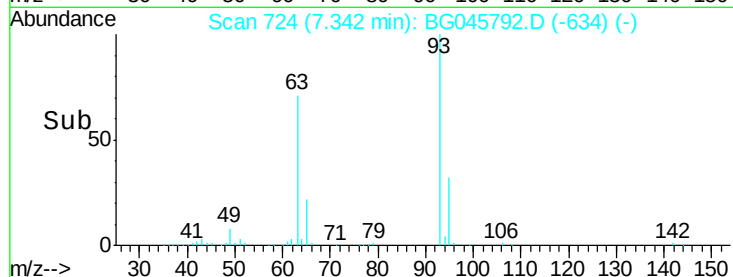
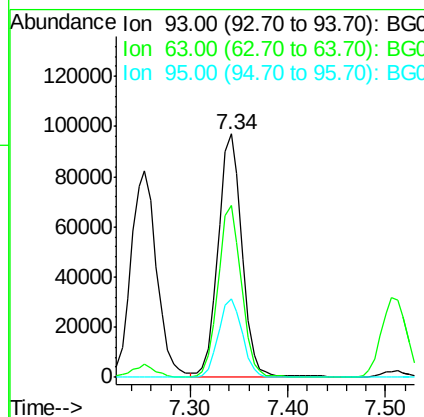
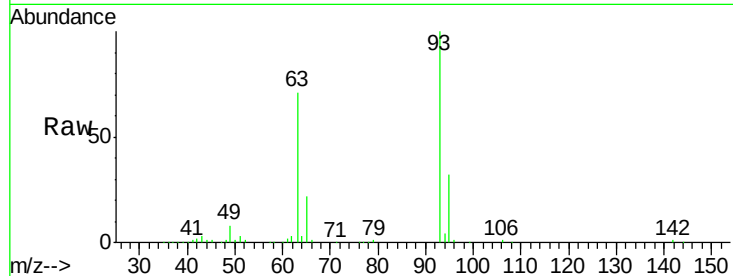
#11
bis(2-Chloroethyl)ether
Concen: 35.117 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

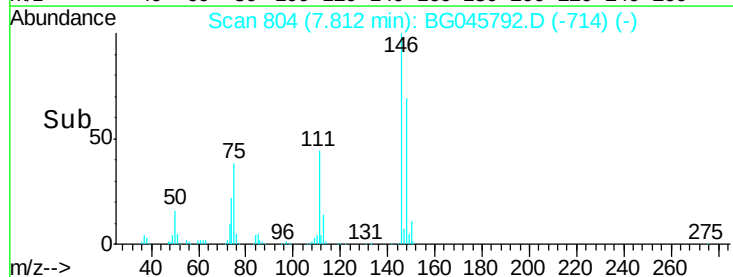
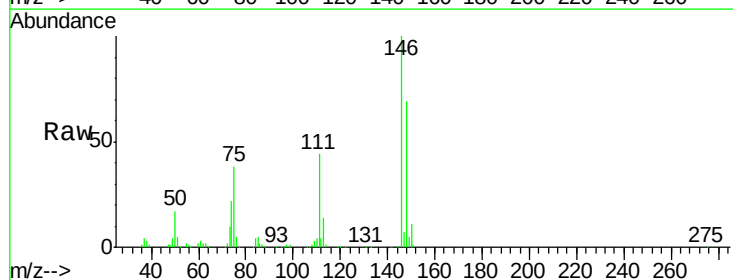
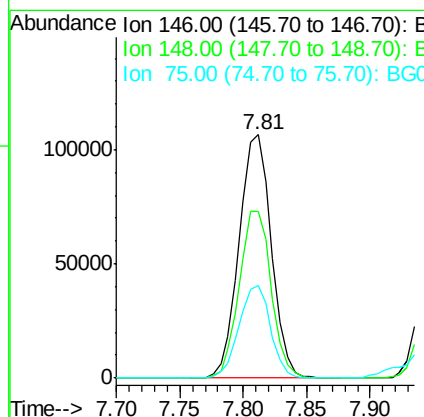
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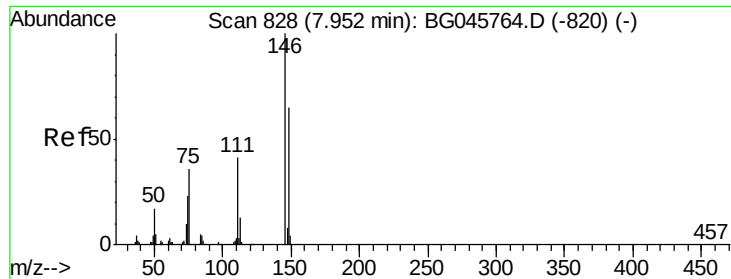
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.593 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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





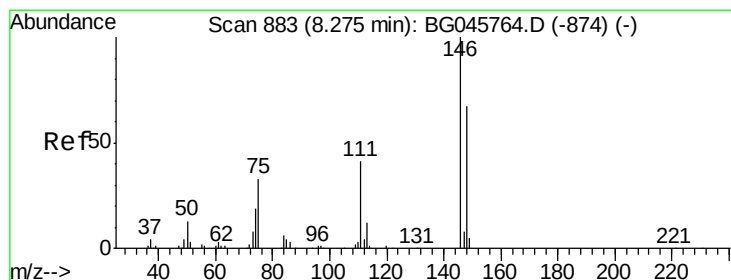
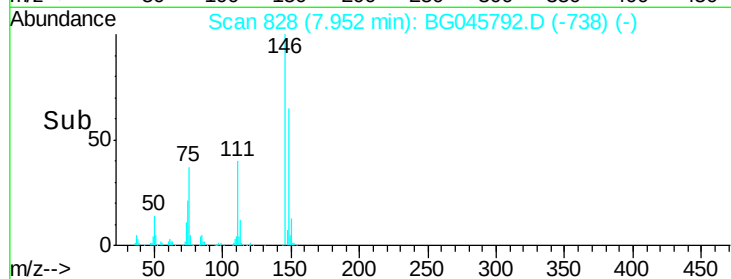
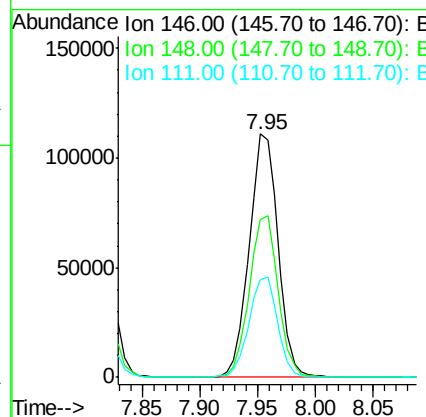
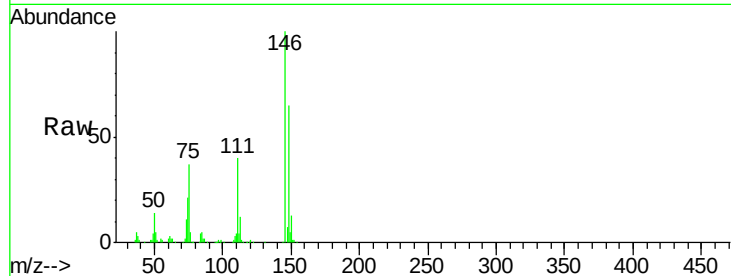
#13
1,4-Dichlorobenzene
Concen: 36.492 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

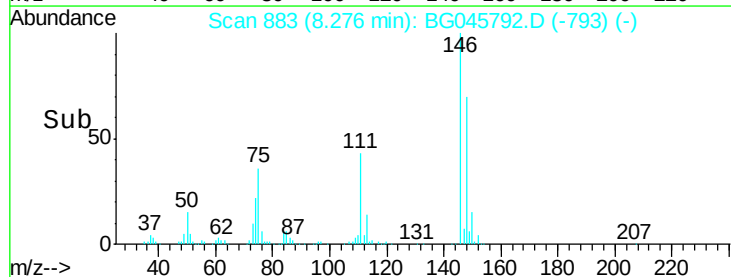
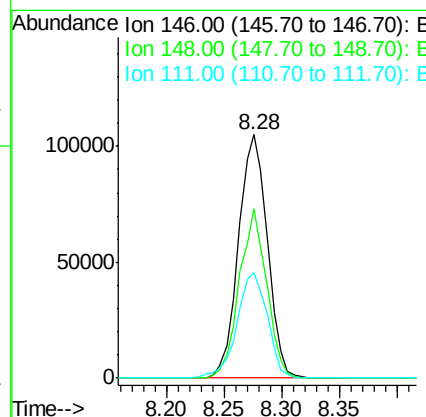
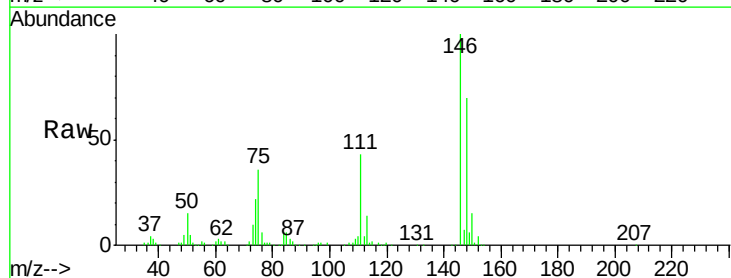
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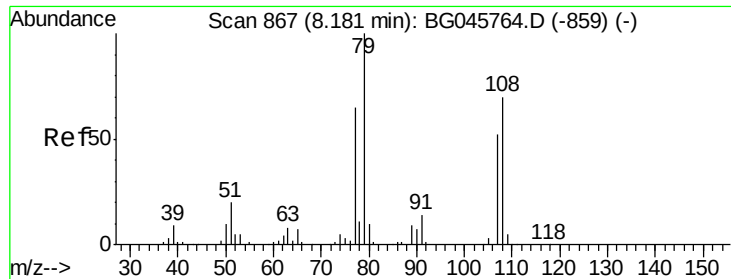
mohammad
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#14
1,2-Dichlorobenzene
Concen: 35.961 ng
RT: 8.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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





#15

Benzyl Alcohol

Concen: 35.925 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

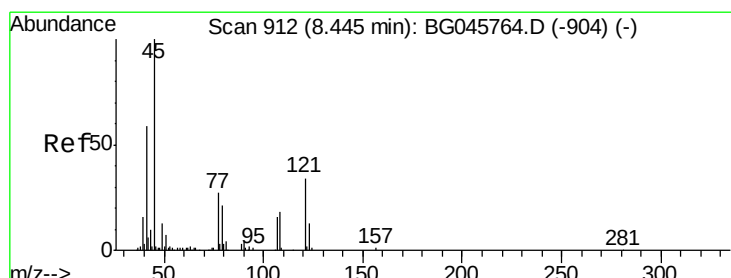
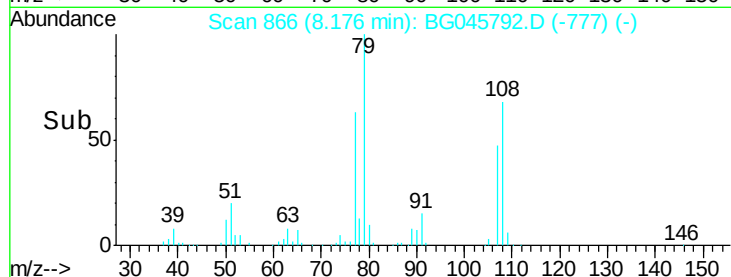
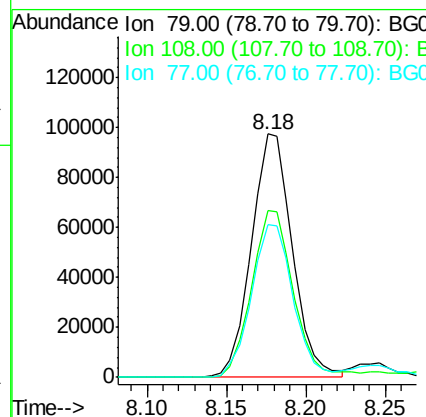
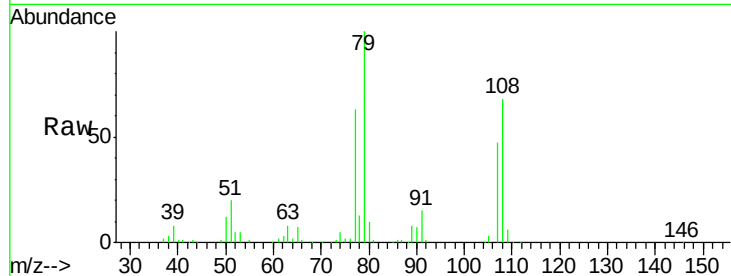
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:	79	Resp:	175114
Ion Ratio	Lower	Upper	
79	100		
108	68.5	56.2	84.4
77	62.9	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.121 ng

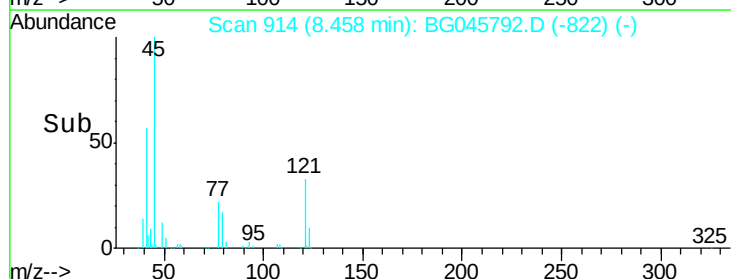
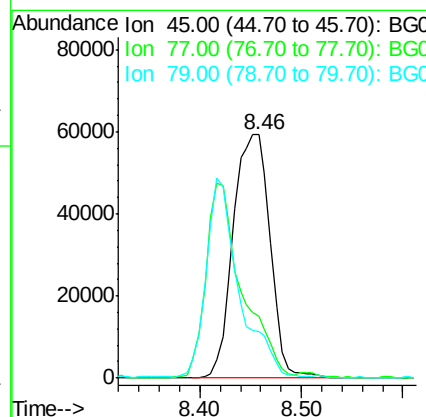
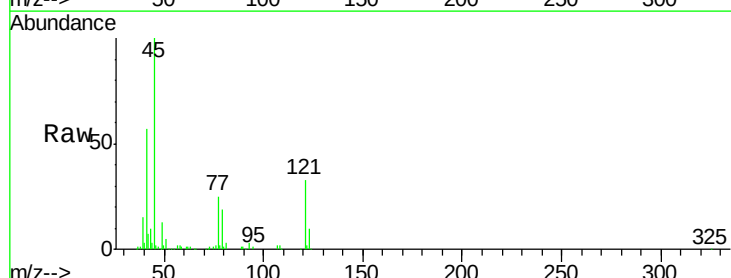
RT: 8.46 min Scan# 914

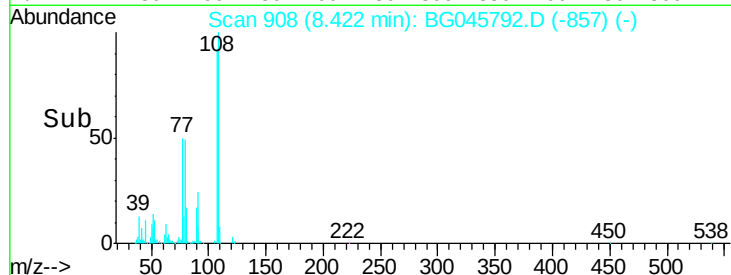
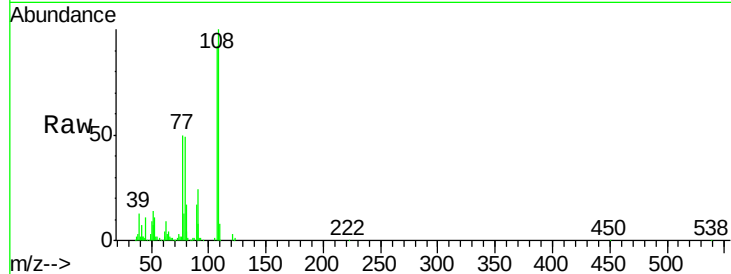
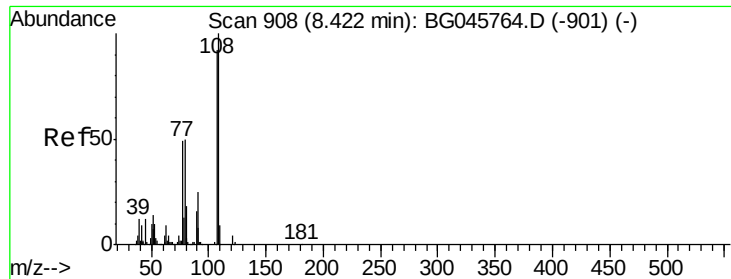
Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	45	Resp:	149078
Ion Ratio	Lower	Upper	
45	100		
77	25.2	14.9	54.9
79	19.0	9.2	49.2





#17

2-Methylphenol

Concen: 33.781 ng

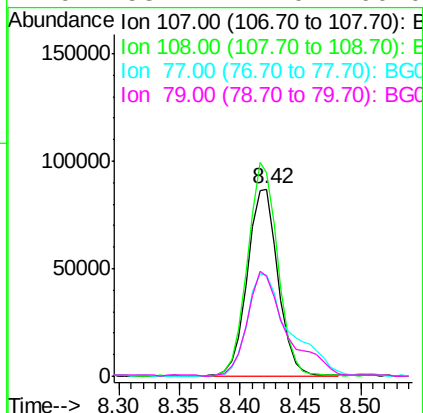
RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tot Ion	107	Resp	153433
Ion Ratio	Lower	Upper	
107	100		
108	108.6	87.4	131.0
77	53.8	42.5	63.7
79	53.4	44.0	66.0



Instrument :

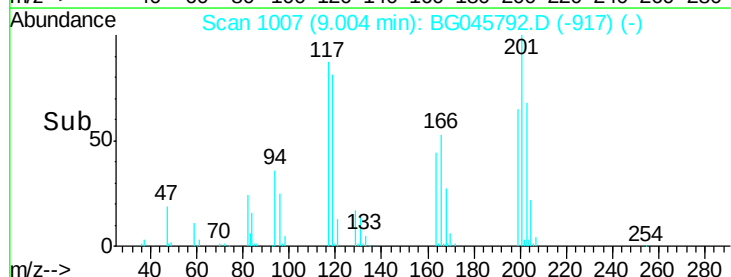
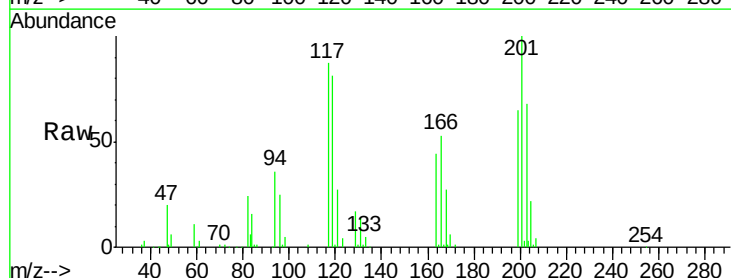
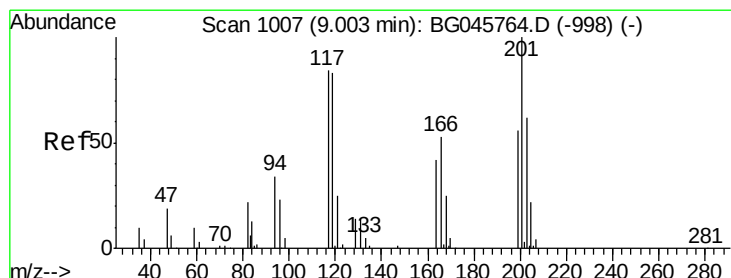
BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

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#18

Hexachloroethane

Concen: 36.461 ng

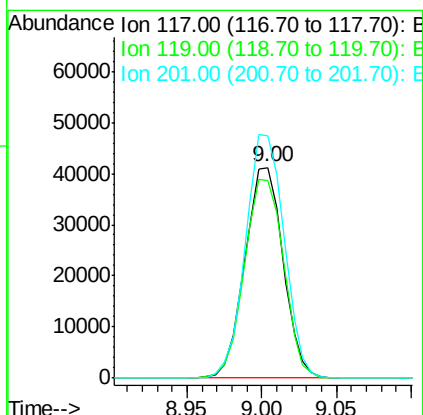
RT: 9.00 min Scan# 1007

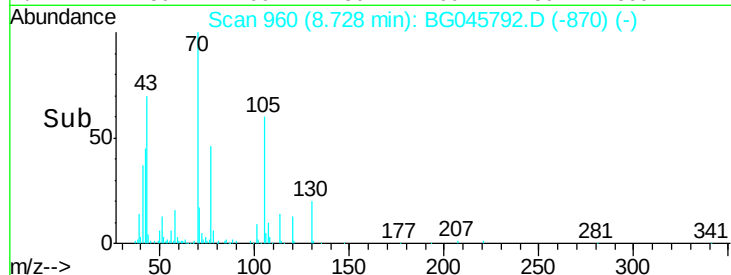
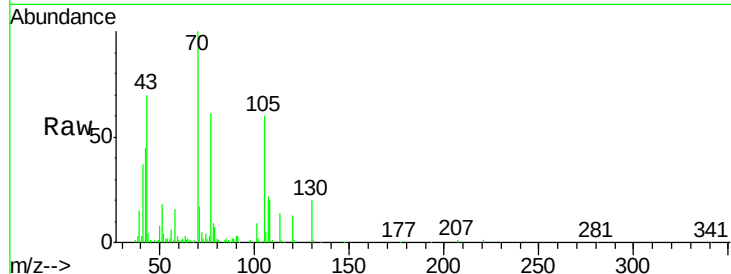
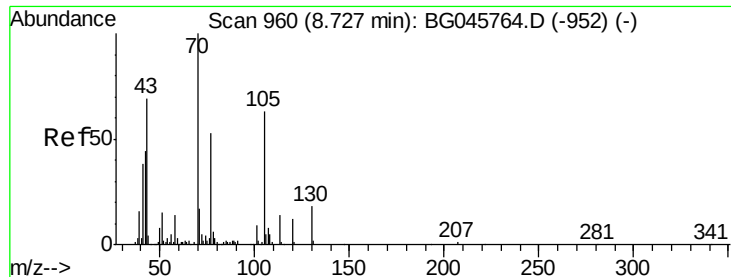
Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion	117	Resp	73064
Ion Ratio	Lower	Upper	
117	100		
119	93.7	78.9	118.3
201	115.1	95.5	143.3





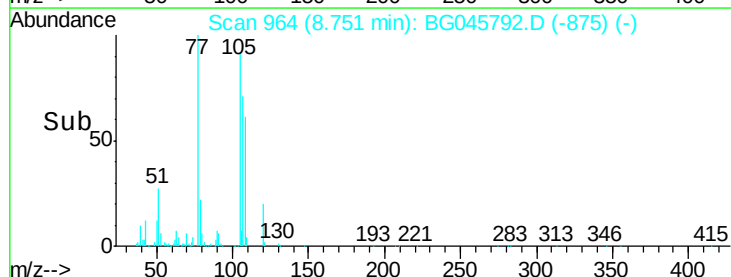
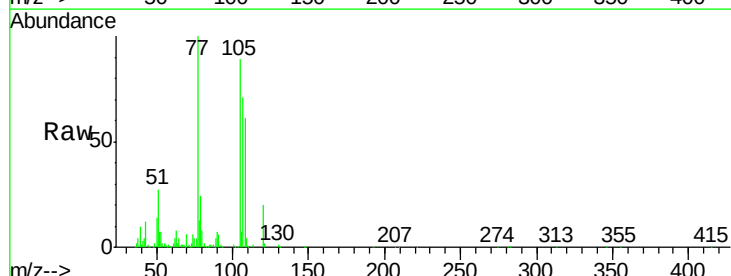
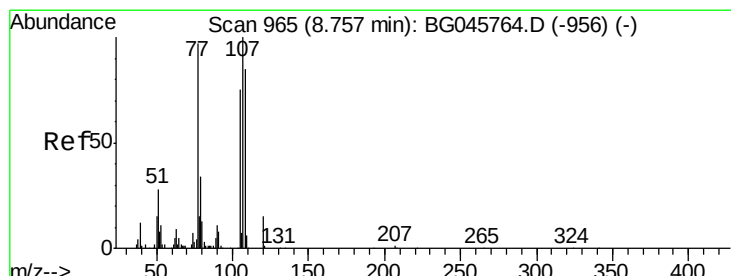
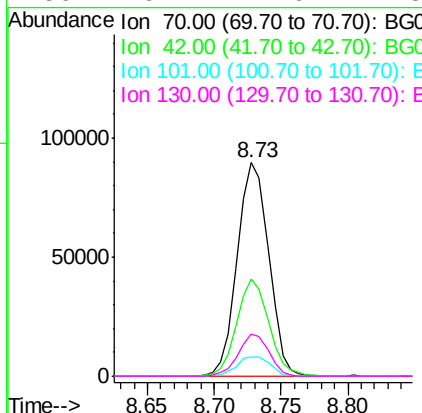
#19
n-Nitroso-di-n-propylamine
Concen: 35.441 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

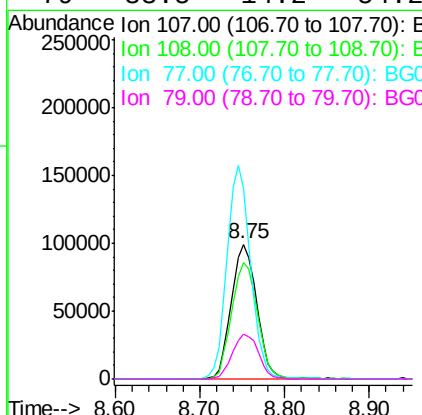
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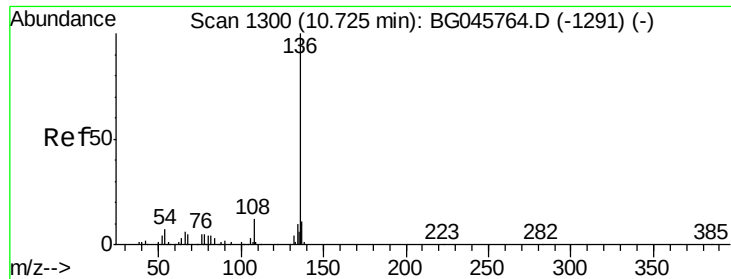
mohammad
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#20
3+4-Methylphenols
Concen: 34.570 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

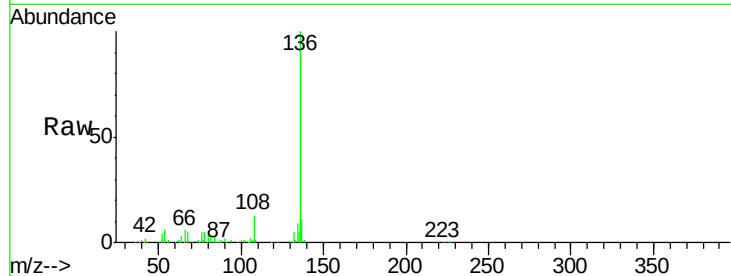
ClientSampleId :

MW-22(16.5-18.5)MSD

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

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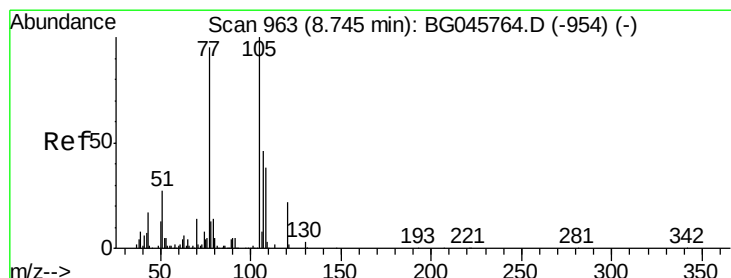
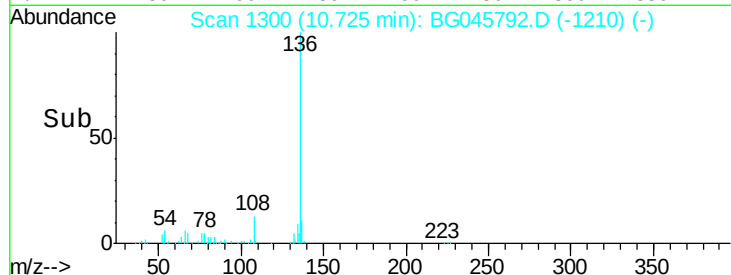
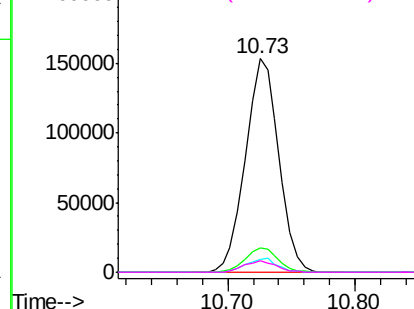


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 34.378 ng

RT: 8.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

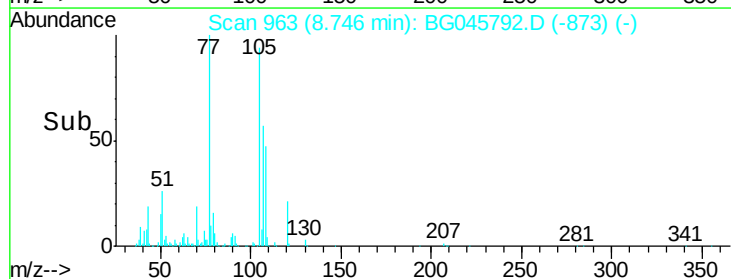
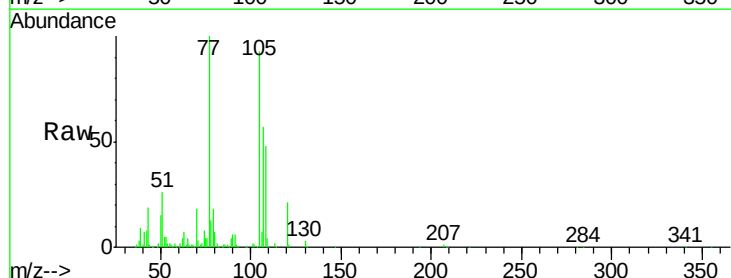
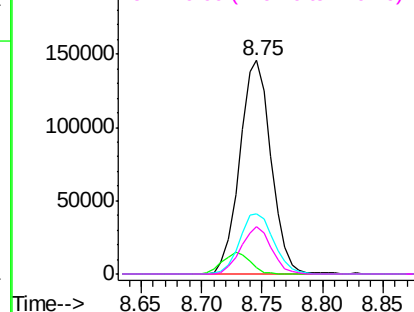
Tgt Ion	105	Resp	263101
Ion Ratio	Lower	Upper	
105	100		
71	2.9	1.8	2.8#
51	28.2	21.9	32.9
120	22.3	17.3	25.9

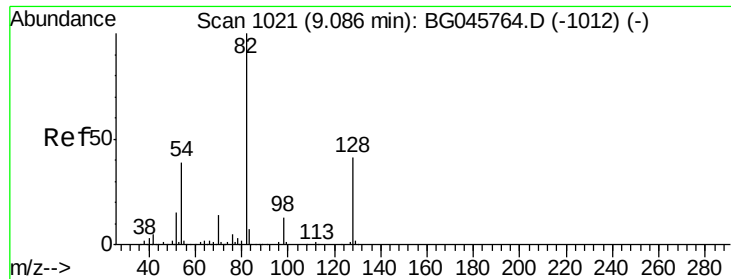
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





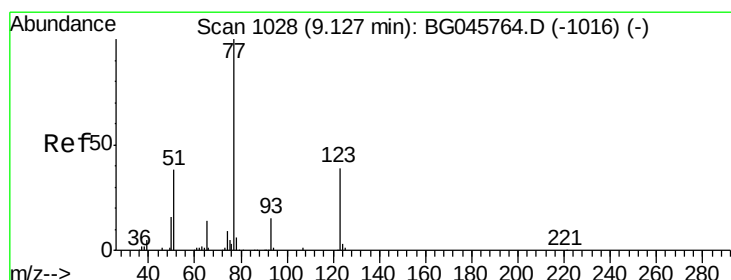
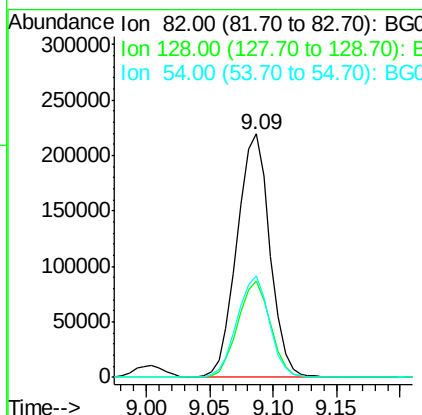
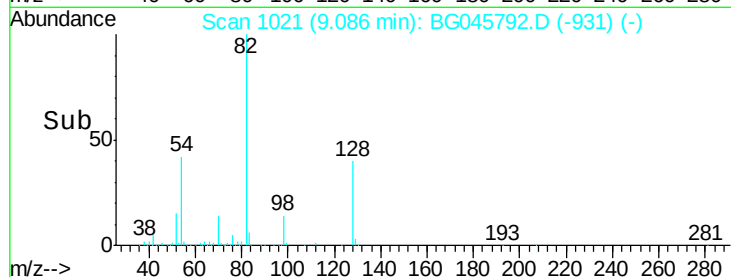
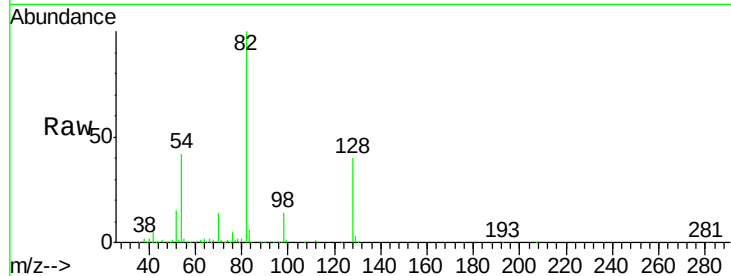
#23
 Nitrobenzene-d5
 Concen: 64.805 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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

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

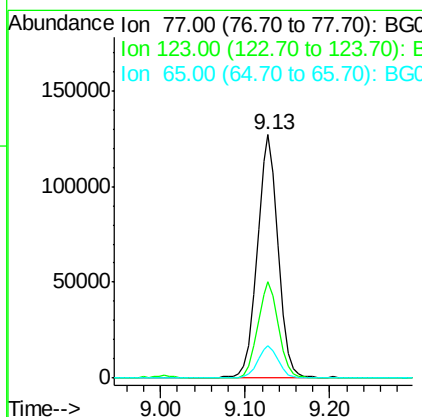
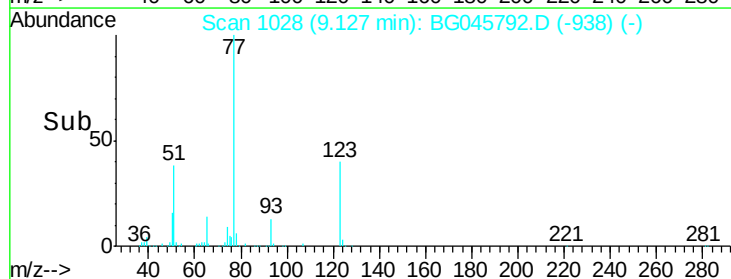
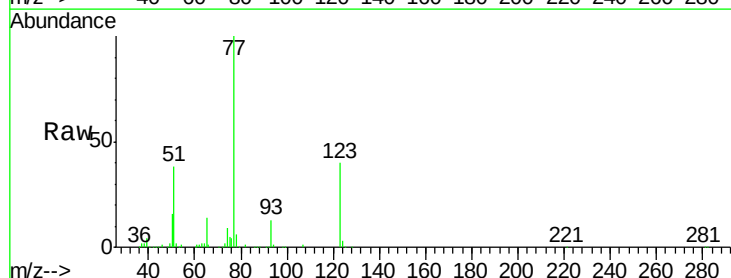
Manual Integrations
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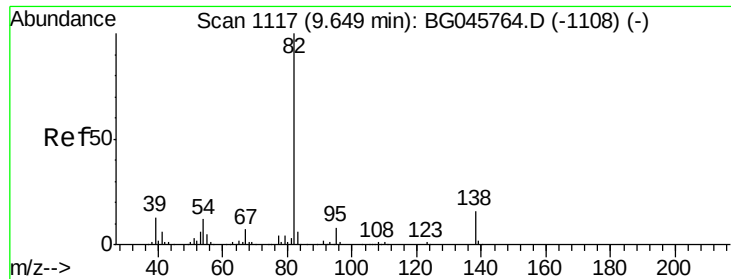
mohammad
 6/19/2020 9:24:29 AM



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

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





#25

Isophorone

Concen: 32.970 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

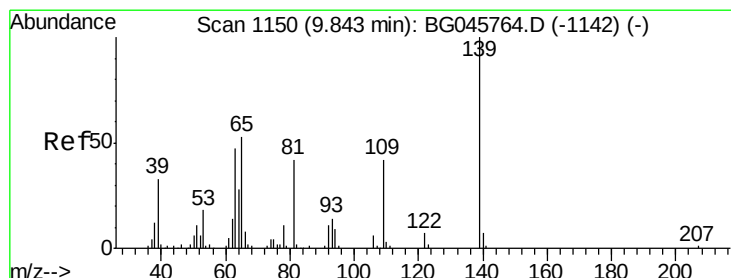
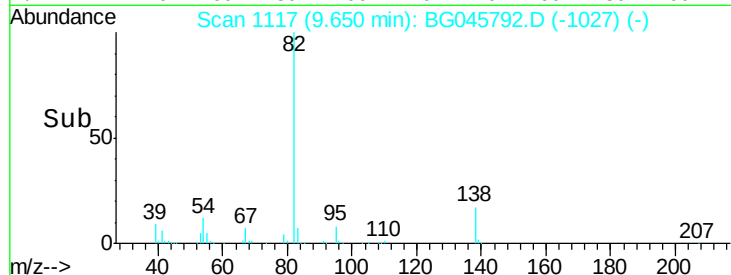
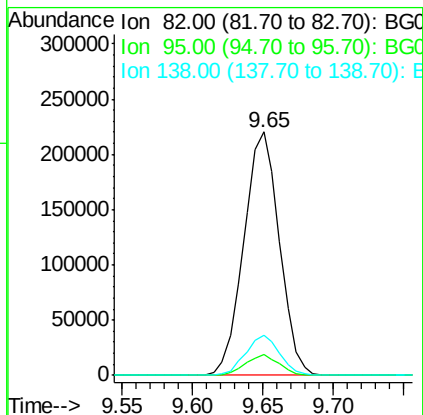
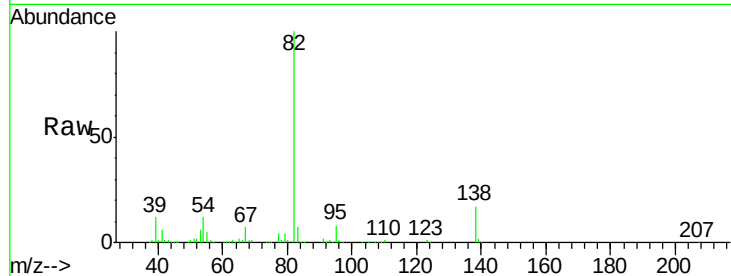
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:	82	Resp:	389574
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.2	9.4
138	16.7	12.6	18.8

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#26

2-Nitrophenol

Concen: 36.077 ng

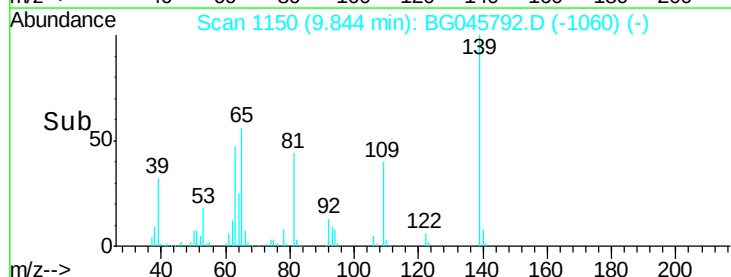
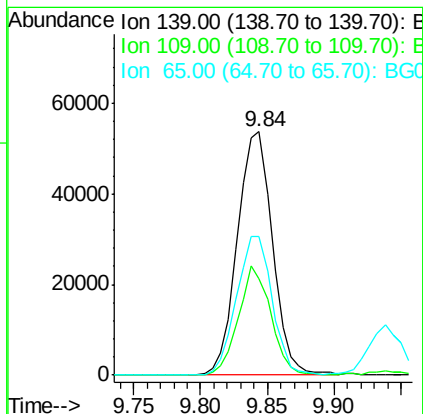
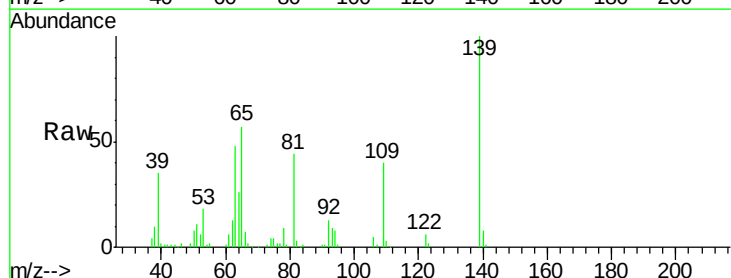
RT: 9.84 min Scan# 1150

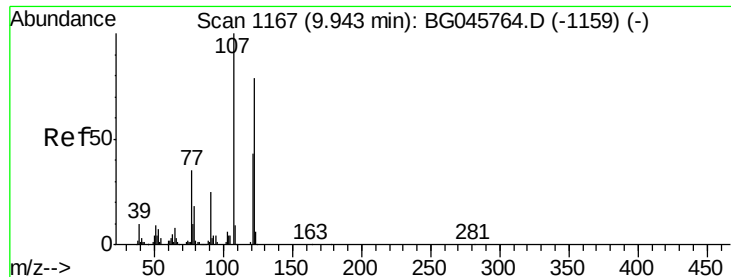
Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	139	Resp:	97816
Ion Ratio	Lower	Upper	
139	100		
109	39.6	33.5	50.3
65	56.7	42.2	63.4





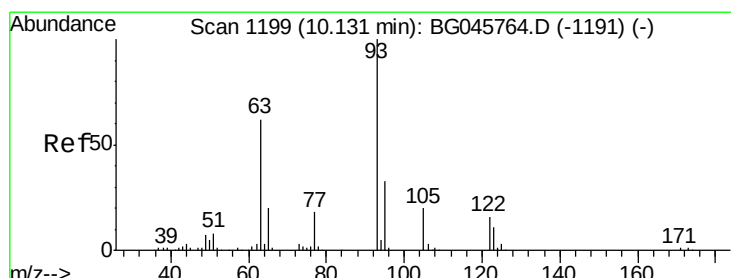
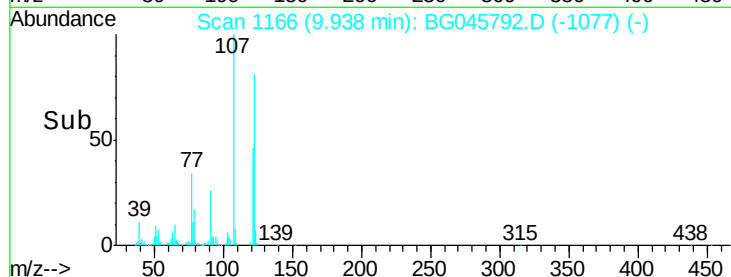
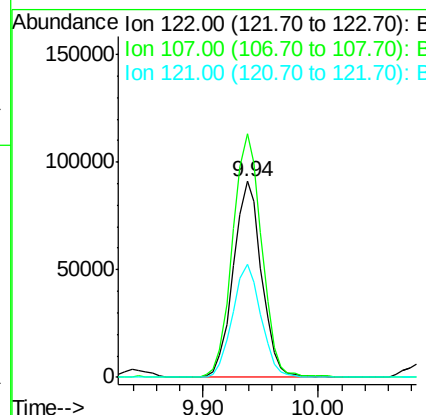
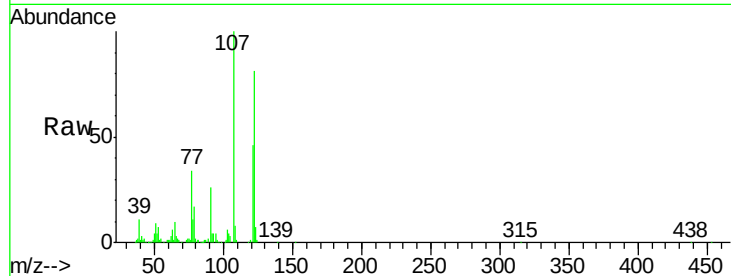
#27
2,4-Dimethylphenol
Concen: 37.353 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.1	101.3	151.9	
121	57.4	43.9	65.9	

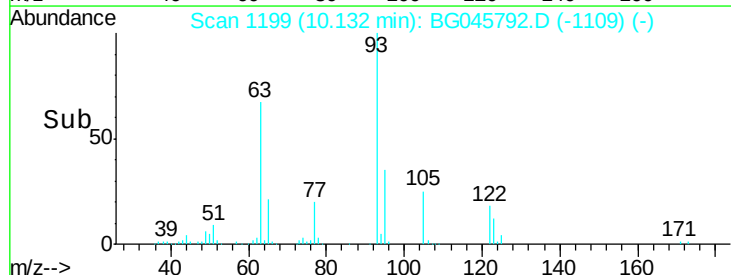
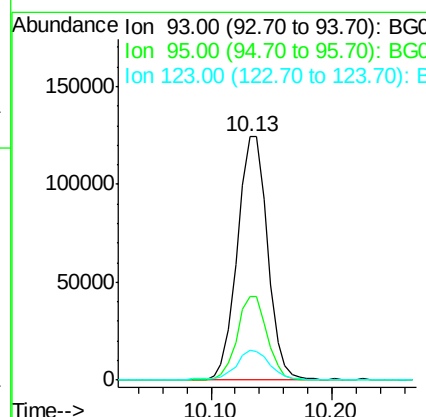
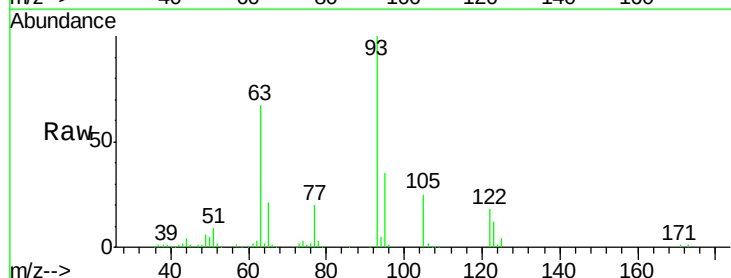
Manual Integrations
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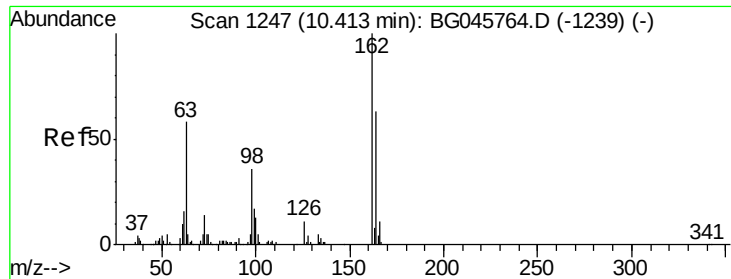
mohammad
6/19/2020 9:24:29 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.294 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.6	26.3	39.5	
123	12.1	9.3	13.9	





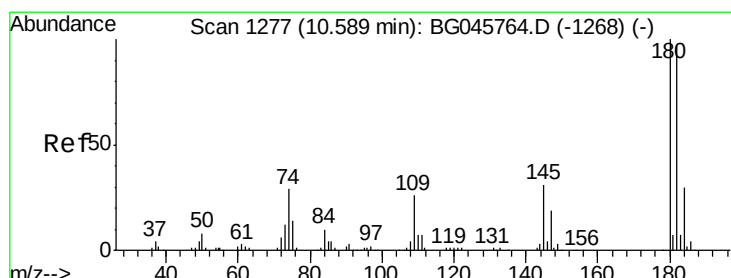
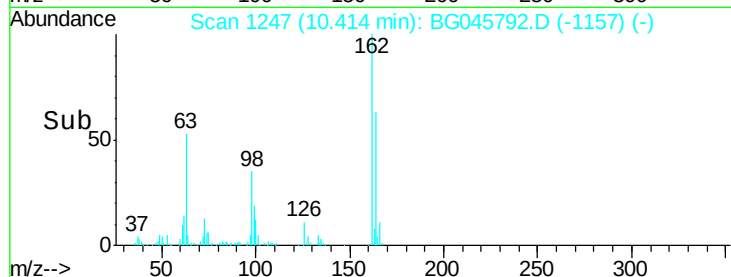
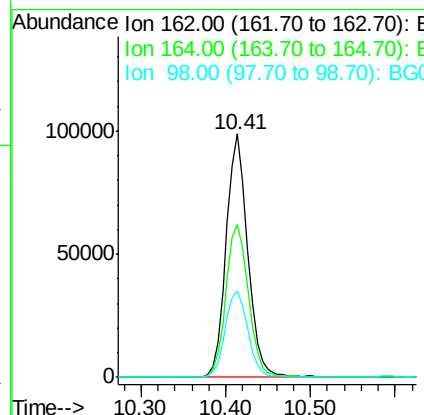
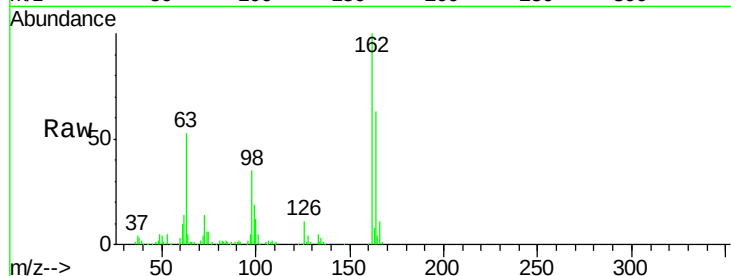
#29
 2,4-Dichlorophenol
 Concen: 36.456 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	176063		
164	63.0	43.3	83.3	
98	35.3	15.5	55.5	

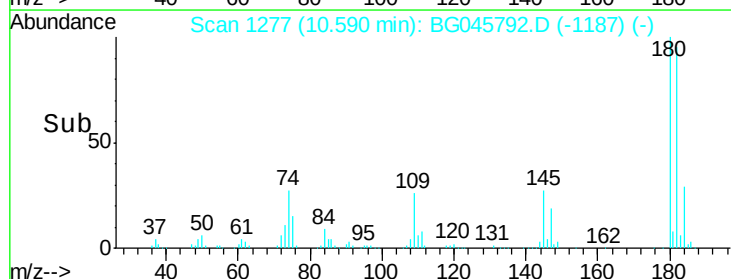
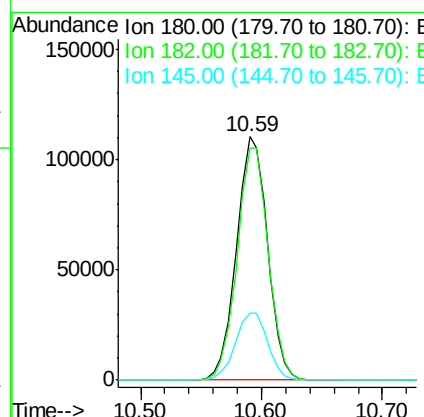
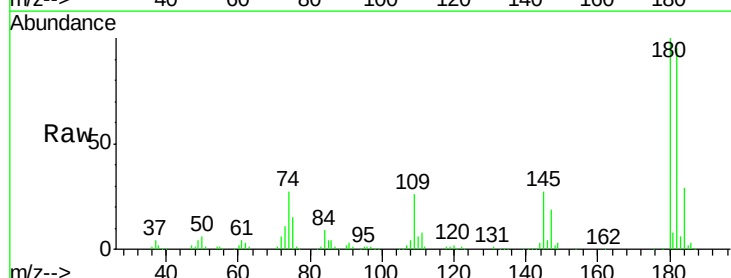
Manual Integrations
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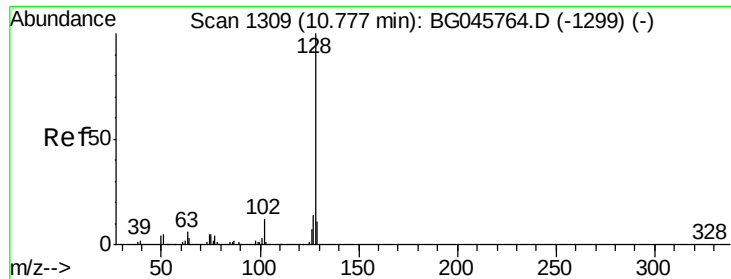
mohammad
 6/19/2020 9:24:29 AM



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

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	197841		
182	95.1	77.8	116.6	
145	27.5	24.5	36.7	





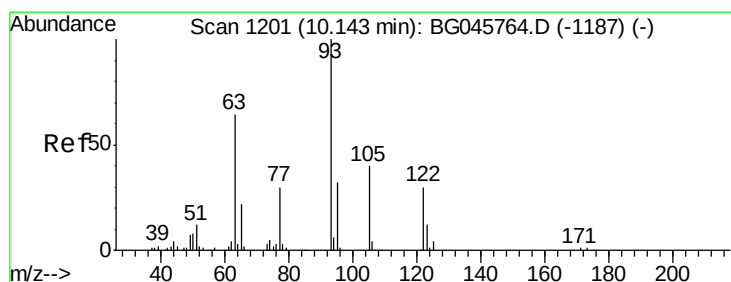
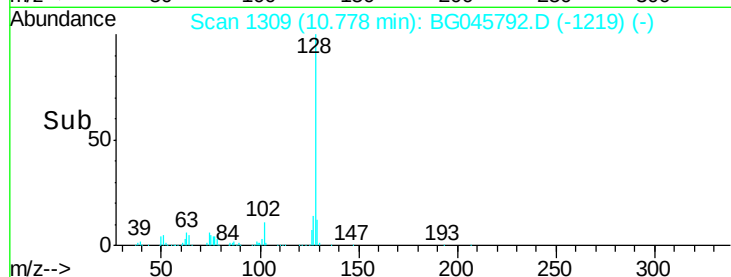
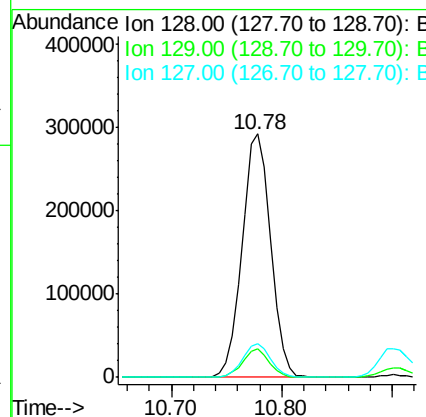
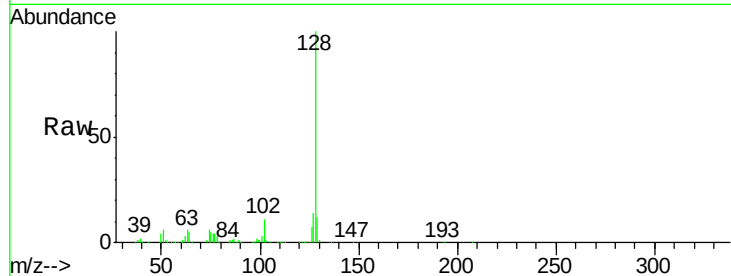
#31
Naphthalene
Concen: 34.839 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	14.0	10.9	16.3

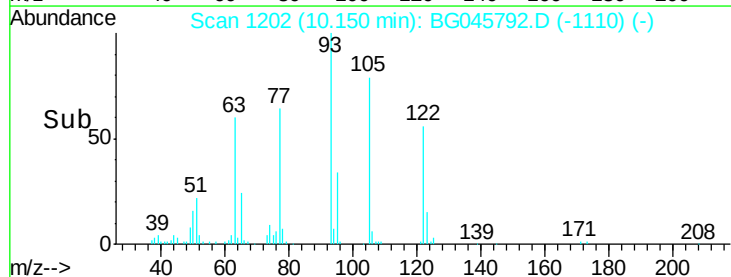
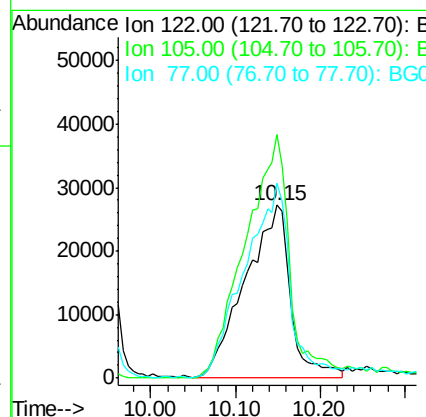
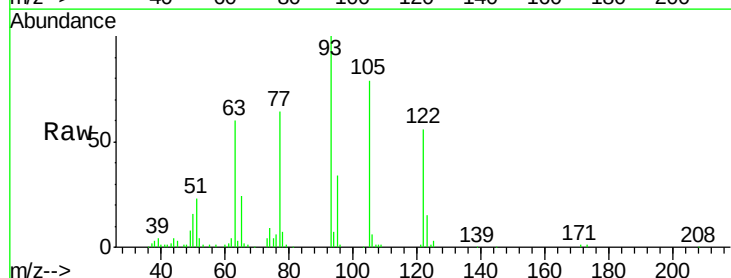
Manual Integrations
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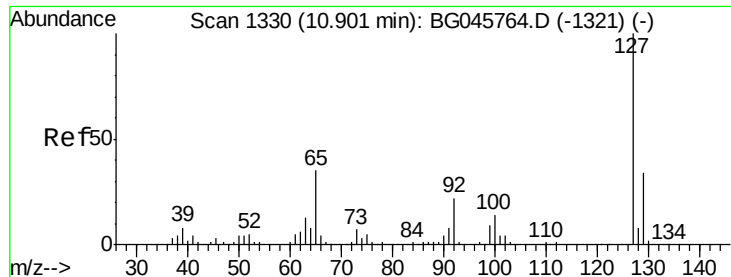
mohammad
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#32
Benzoic acid
Concen: 39.709 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.8	112.9	152.9
77	112.6	79.2	119.2





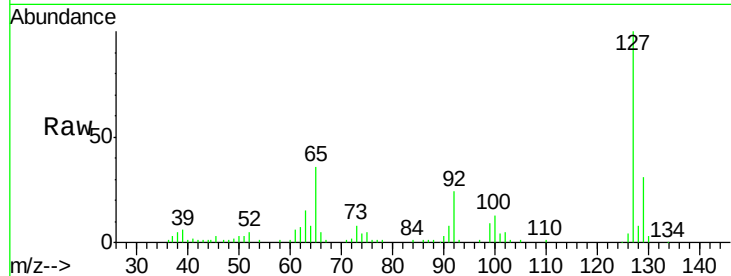
#33
4-Chloroaniline
Concen: 11.942 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

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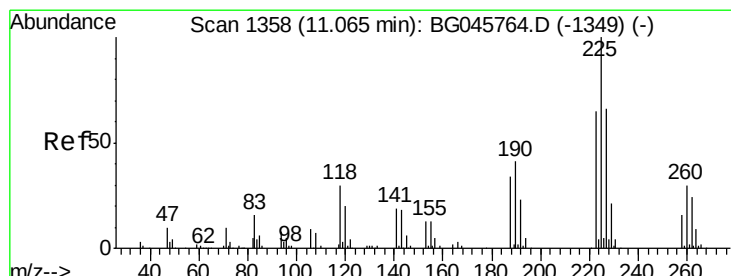
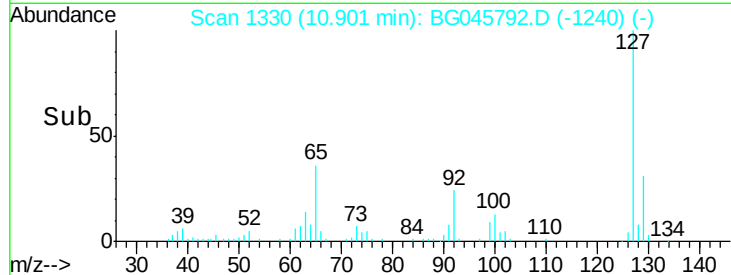
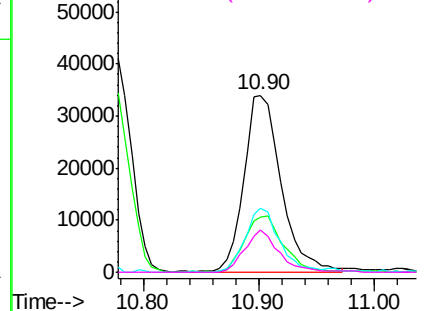
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



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

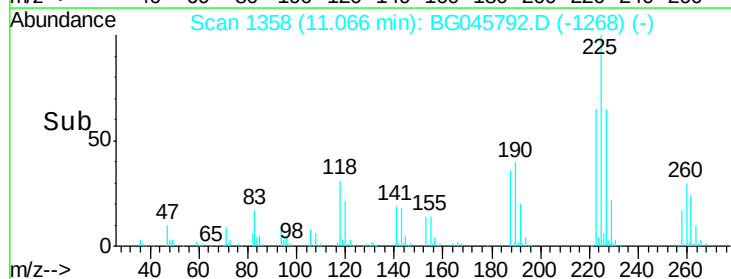
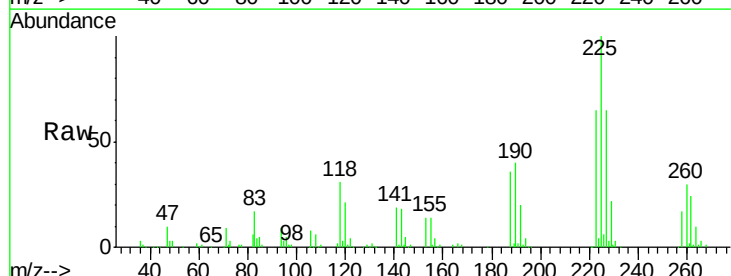
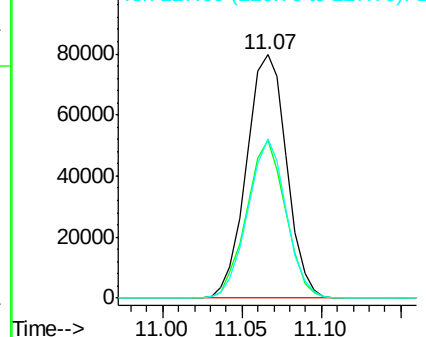
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.0	78.0
227	65.5	52.5	78.7

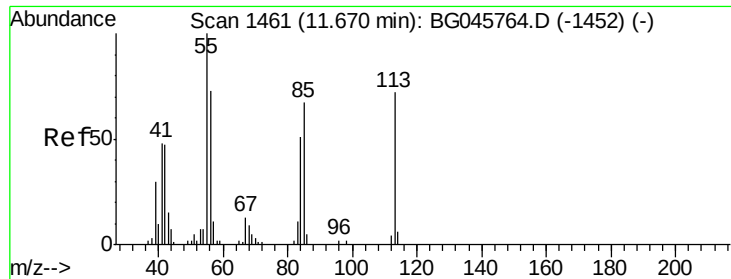
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





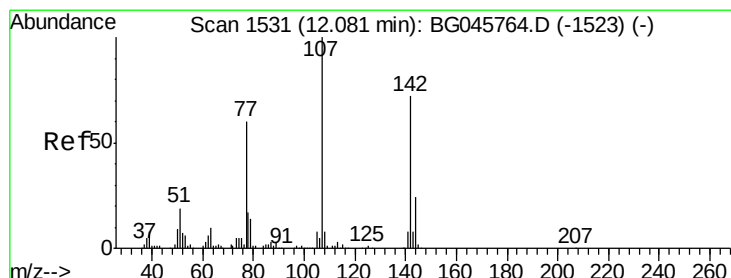
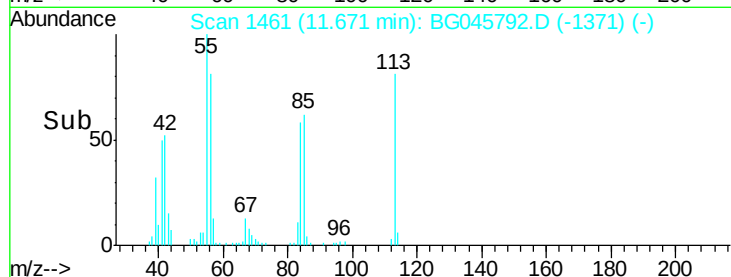
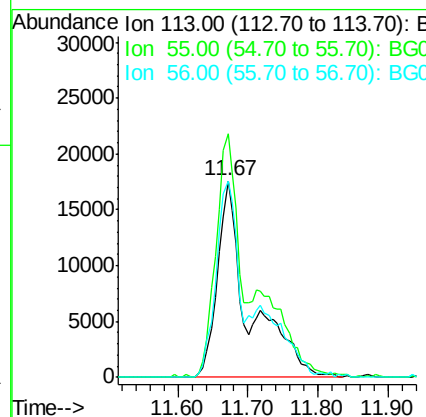
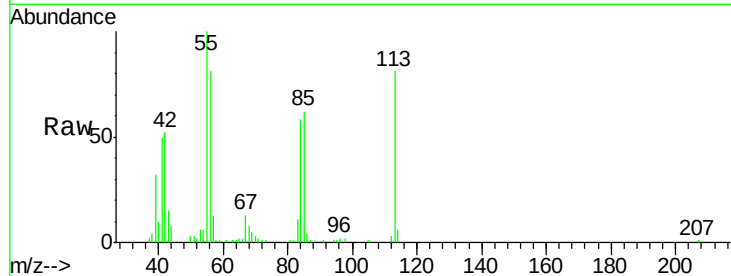
#35
 Caprolactam
 Concen: 35.470 ng/ml
 RT: 11.67 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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

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

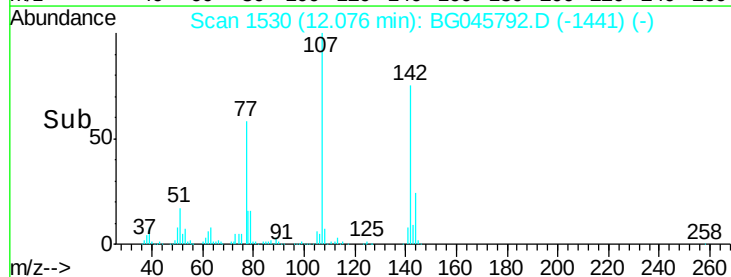
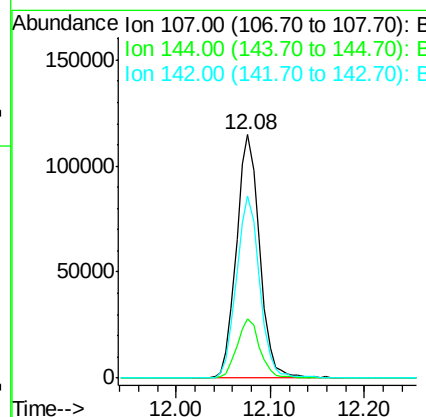
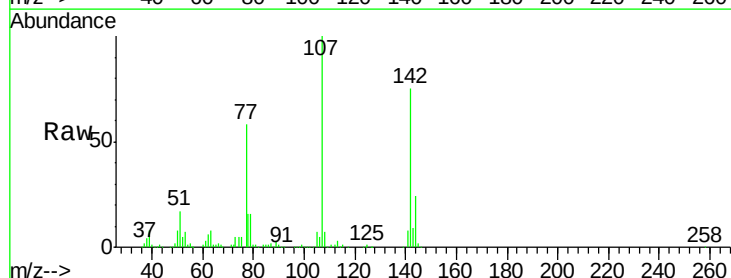
Manual Integrations
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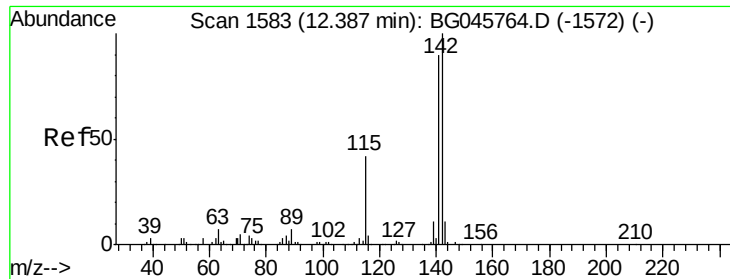
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 35.310 ng/ml
 RT: 12.08 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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





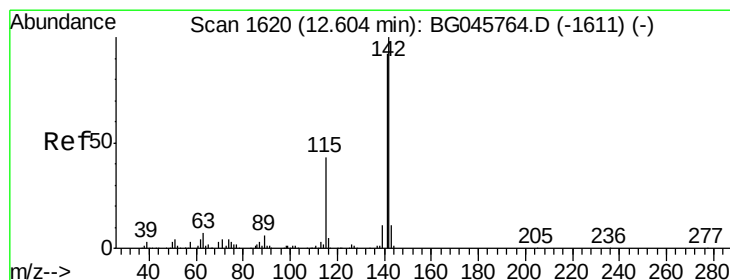
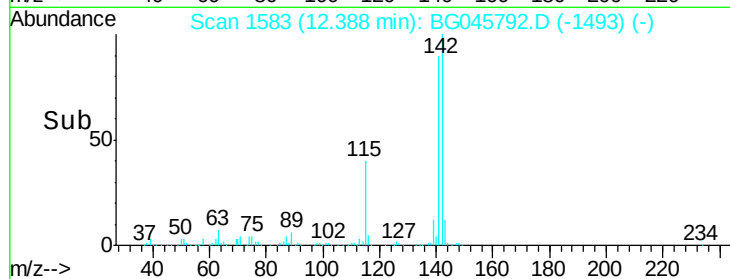
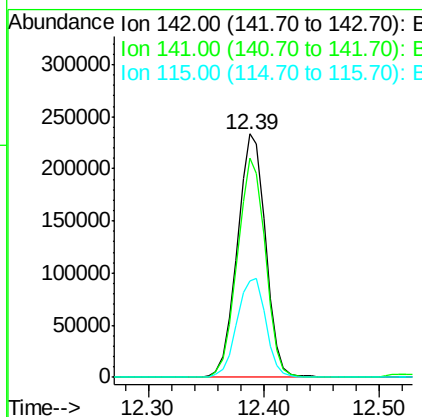
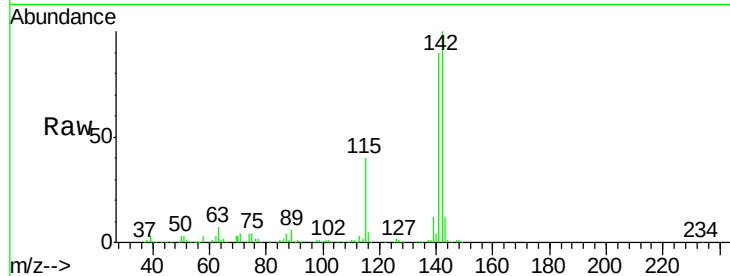
#37
2-Methylnaphthalene
Concen: 34.800 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.7	107.5
115	39.7	33.8	50.6

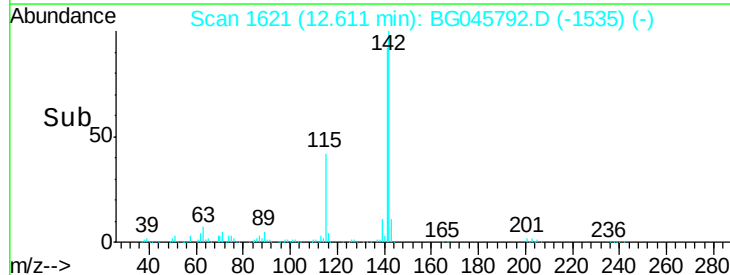
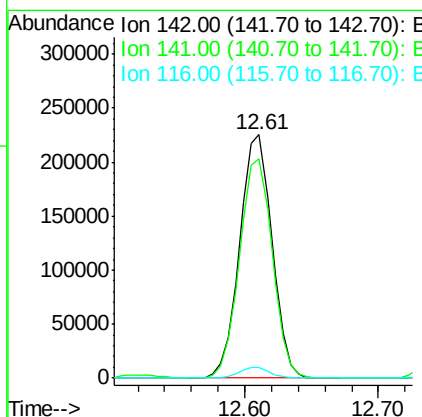
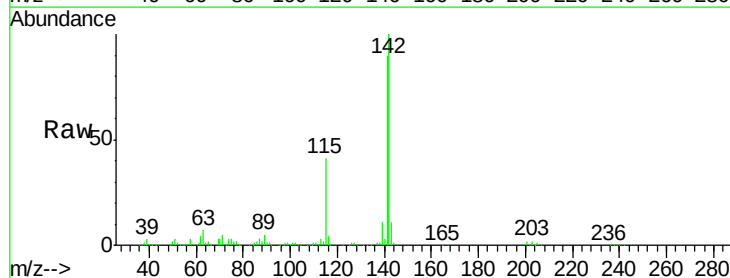
Manual Integrations
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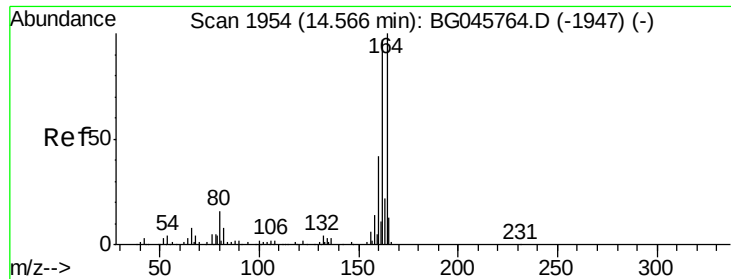
mohammad
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#38
1-Methylnaphthalene
Concen: 35.023 ng
RT: 12.61 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.8	110.8
116	4.3	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

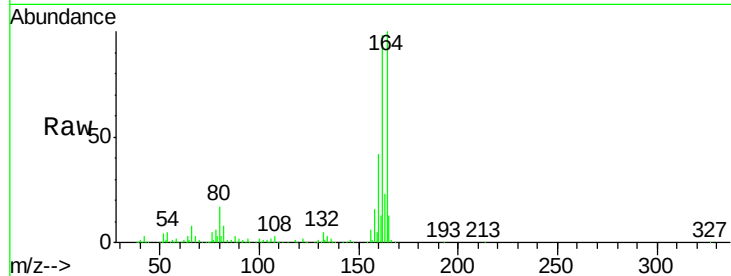
ClientSampleId :

MW-22(16.5-18.5)MSD

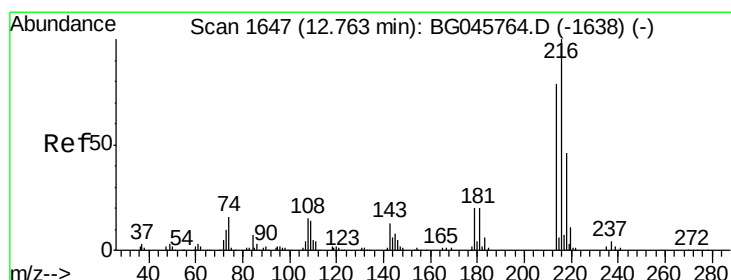
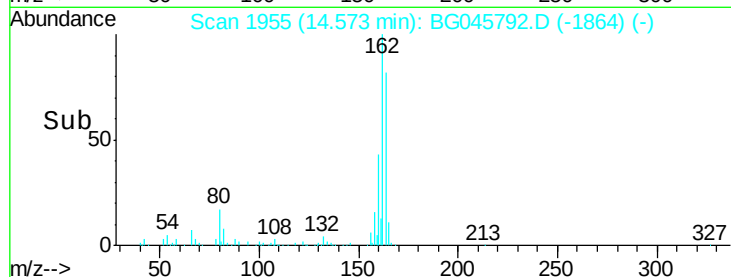
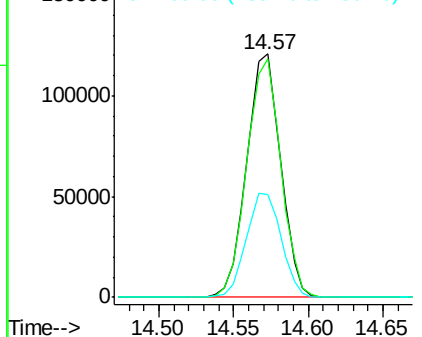
Tot Ion:	164	Resp:	188914
Ion Ratio	Lower	Upper	
164	100		
162	98.0	77.4	116.0
160	42.1	33.3	49.9

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.953 ng

RT: 12.76 min Scan# 1647

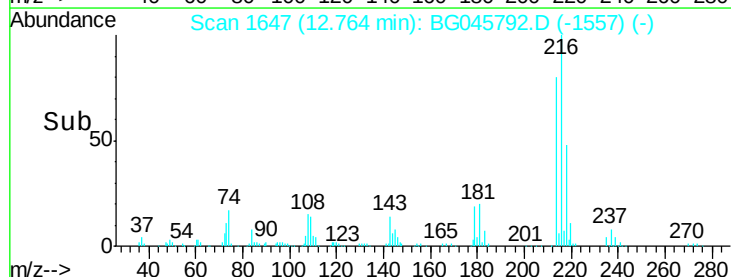
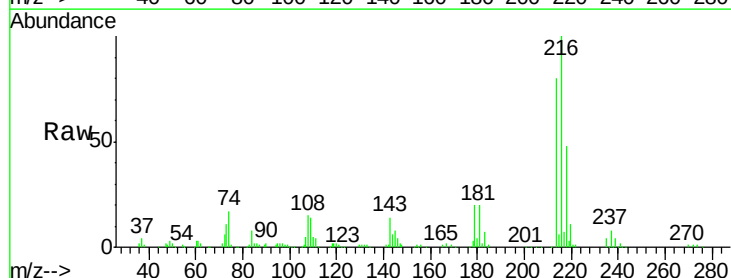
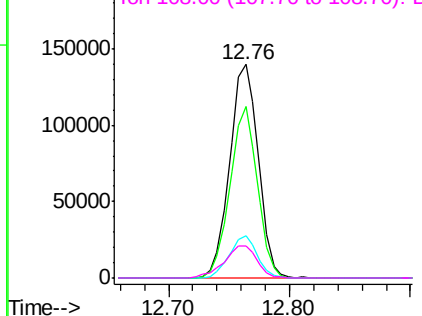
Delta R.T. 0.00 min

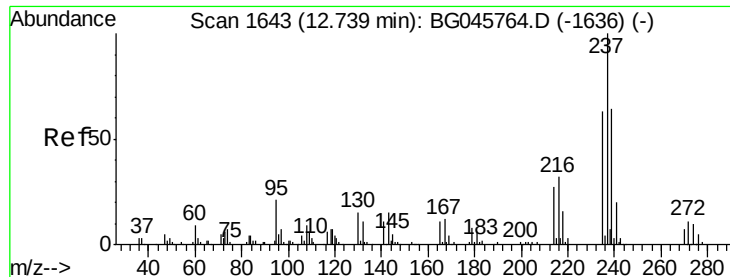
Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	216	Resp:	229868
Ion Ratio	Lower	Upper	
216	100		
214	77.0	62.8	94.2
179	19.4	16.2	24.4
108	17.3	13.4	20.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





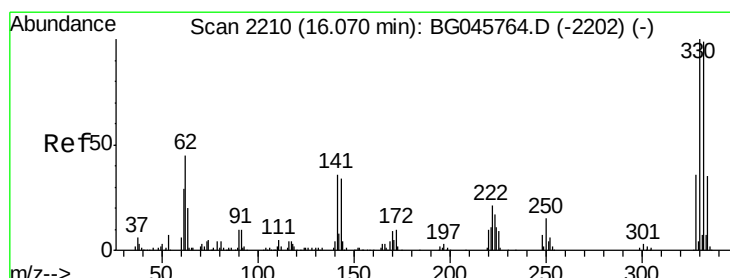
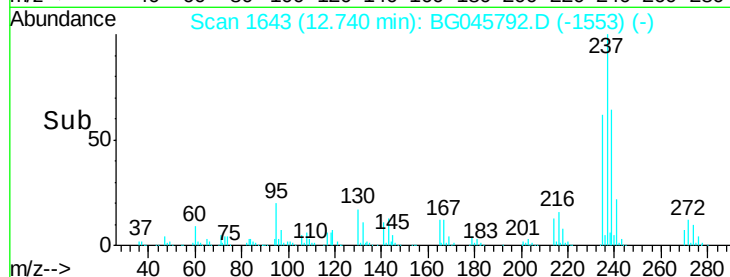
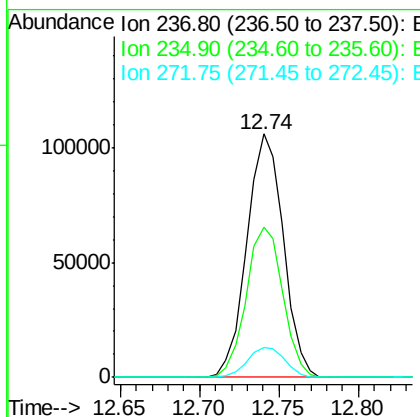
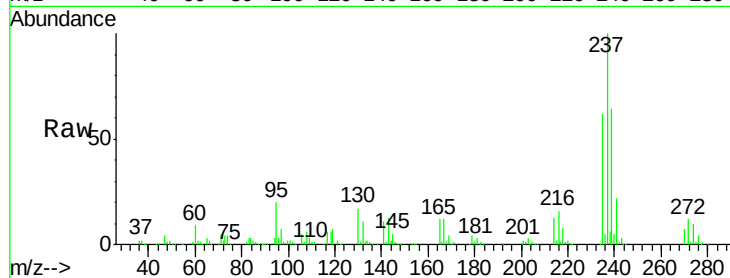
#41
Hexachlorocyclopentadiene
Concen: 52.581 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Resp	Lower	Upper
237	100	169588		
235	61.8	42.9	82.9	
272	12.5	0.0	30.9	

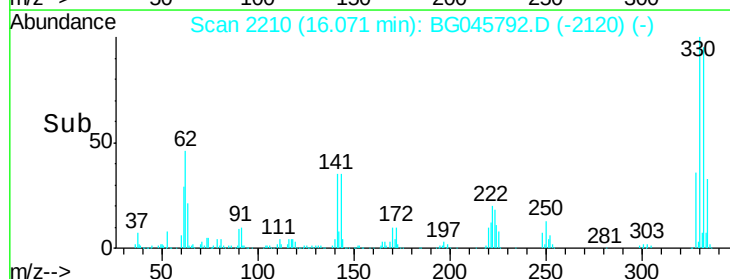
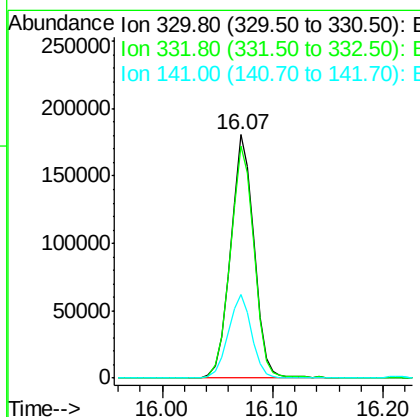
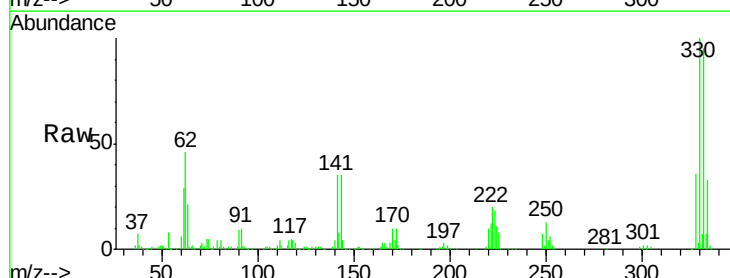
Manual Integrations
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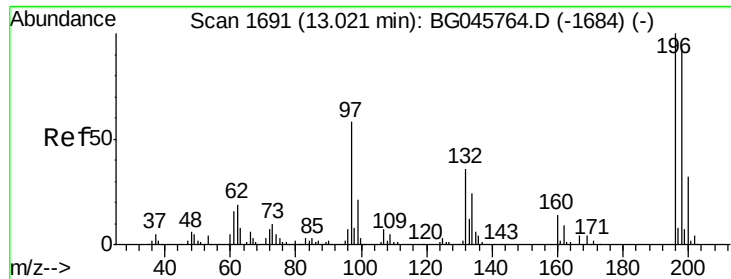
mohammad
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#42
2,4,6-Tribromophenol
Concen: 94.518 ng
RT: 16.07 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	269575		
332	96.7	78.6	117.8	
141	34.3	28.2	42.4	





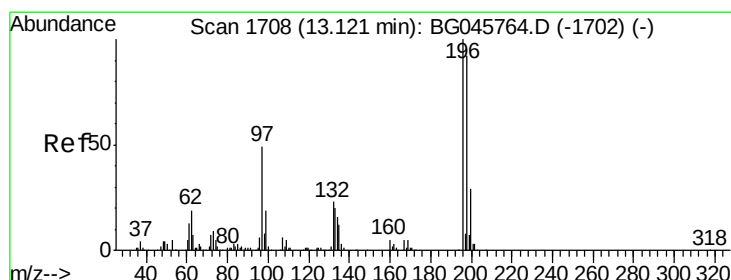
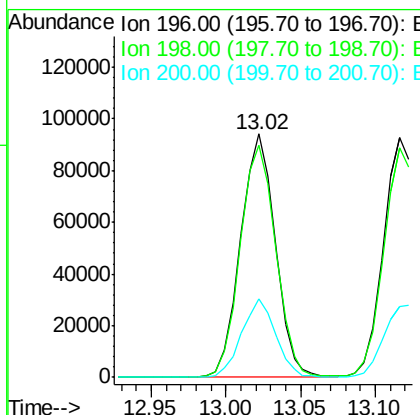
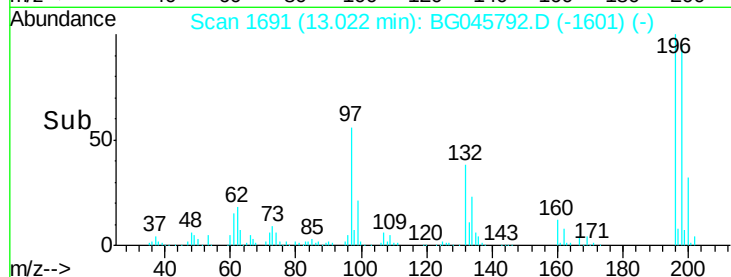
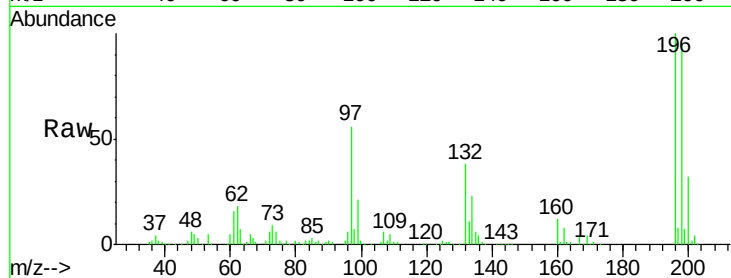
#43
 2,4,6-Trichlorophenol
 Concen: 36.116 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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

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

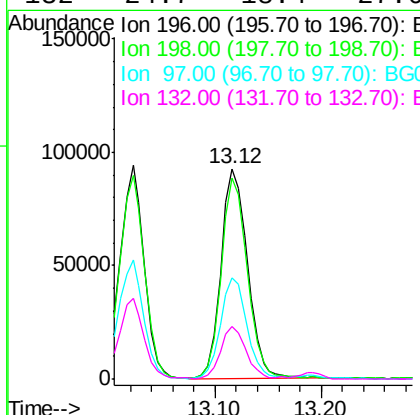
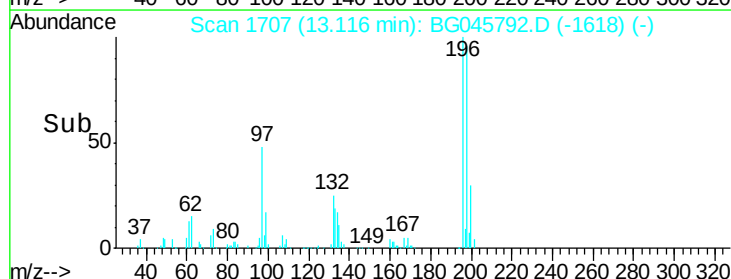
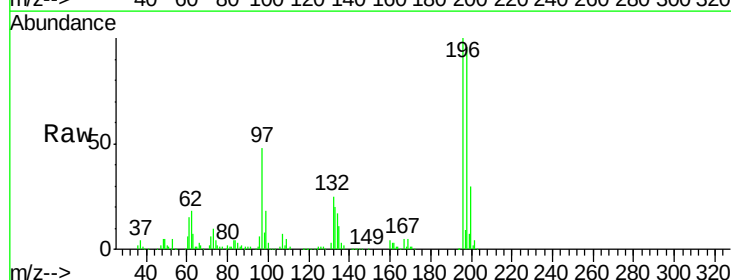
Manual Integrations
 APPROVED

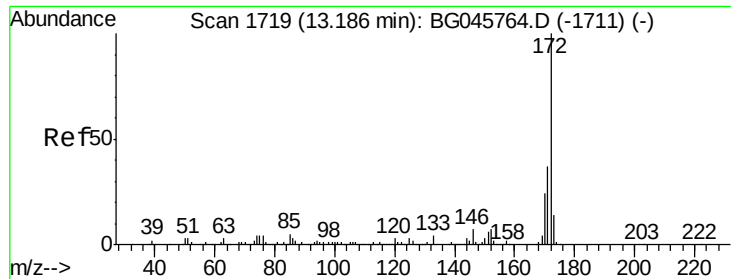
mohammad
 6/19/2020 9:24:29 AM



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

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





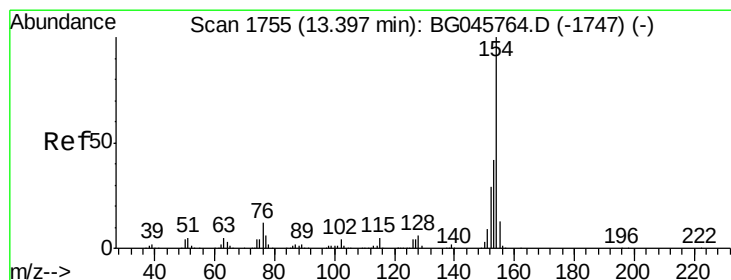
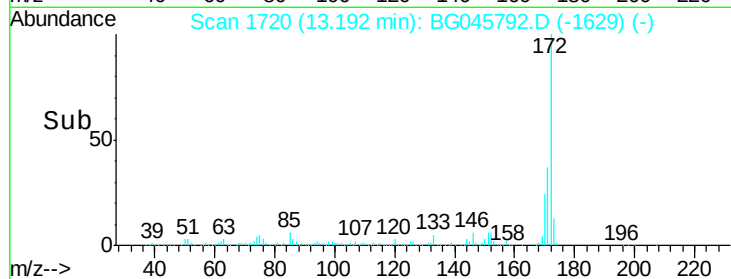
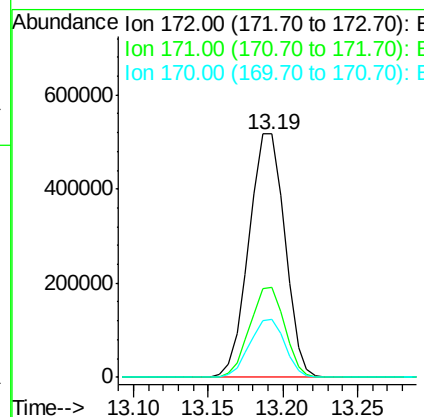
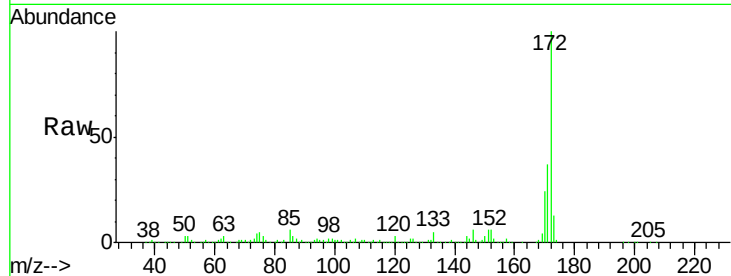
#45
2-Fluorobiphenyl
Concen: 67.021 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

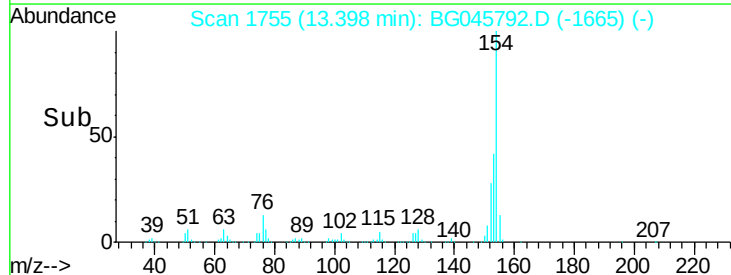
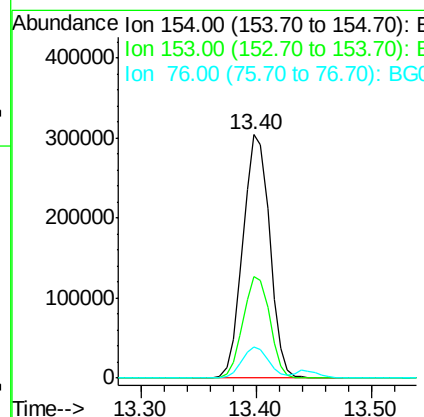
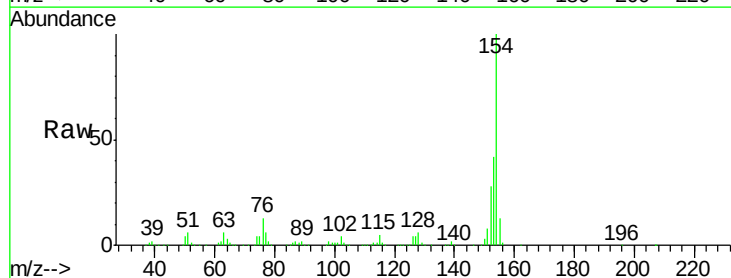
Manual Integrations
APPROVED

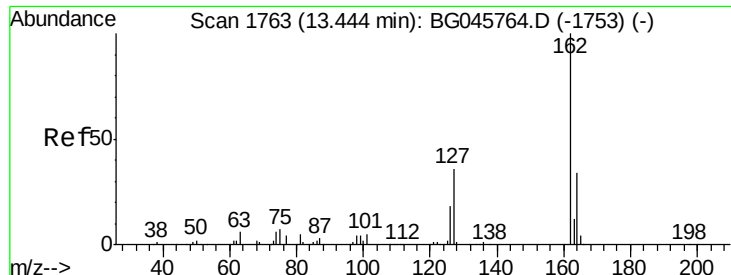
mohammad
6/19/2020 9:24:29 AM



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

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





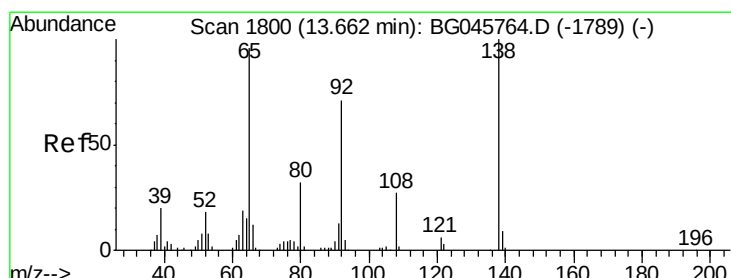
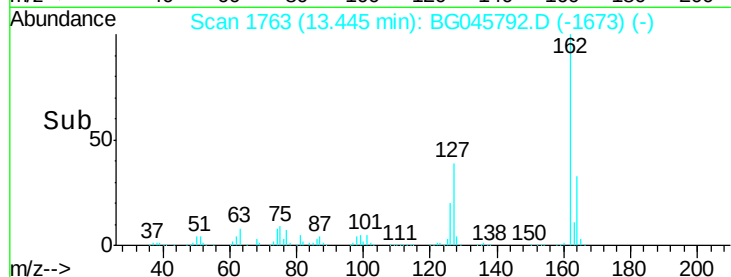
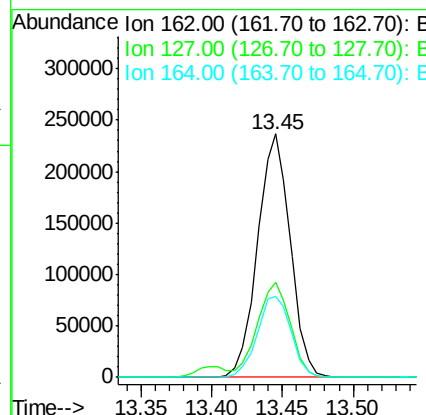
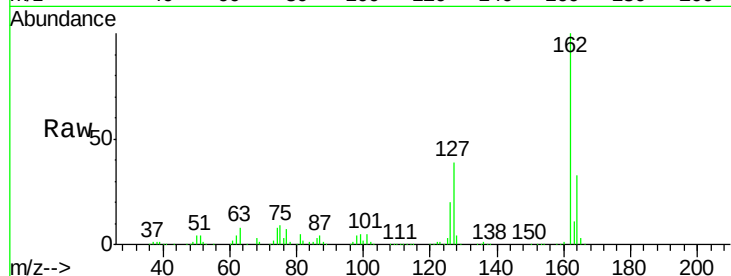
#47
2-Chloronaphthalene
Concen: 35.116 ng
RT: 13.45 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

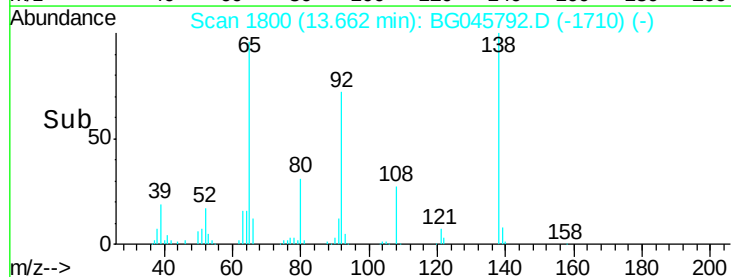
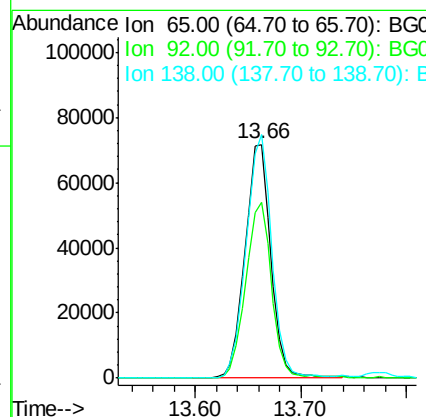
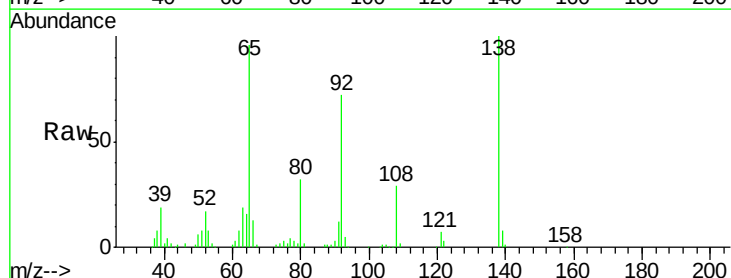
Manual Integrations
APPROVED

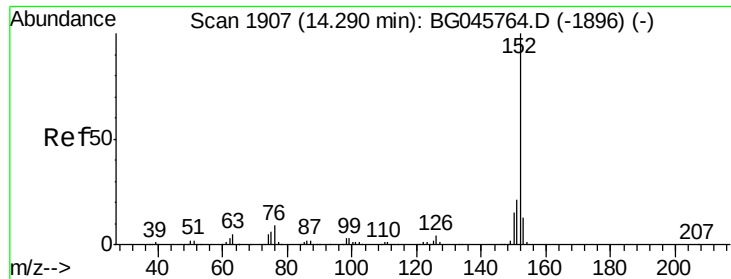
mohammad
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#48
2-Nitroaniline
Concen: 33.474 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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





#49

Acenaphthylene

Concen: 34.810 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

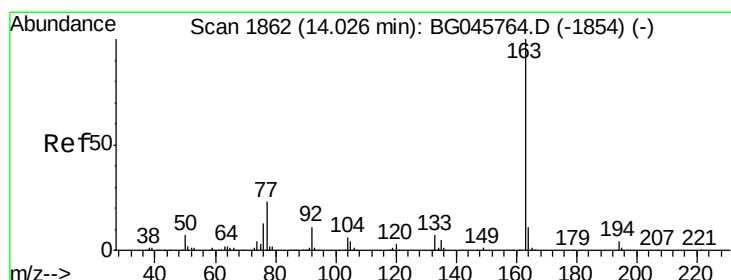
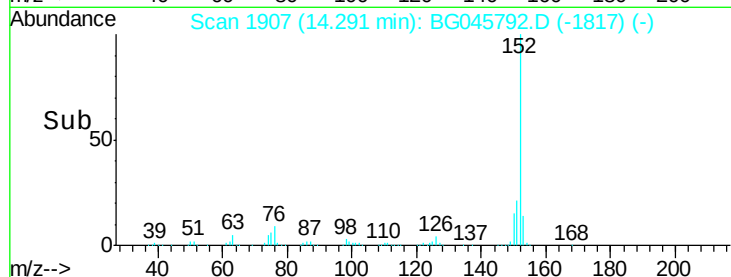
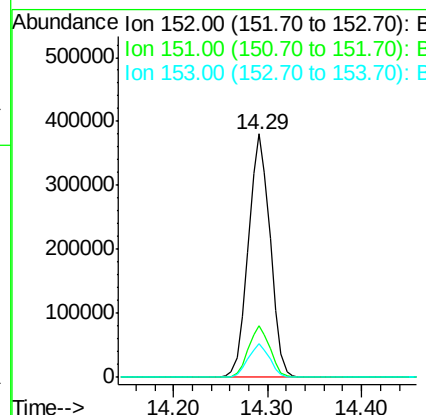
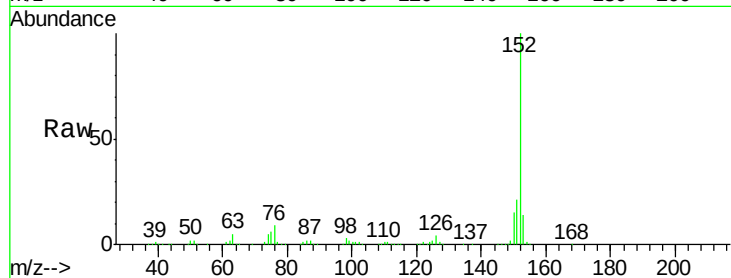
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:	152	Resp:	609173
Ion Ratio		Lower	Upper
152	100		
151	21.0	17.0	25.4
153	14.1	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.208 ng

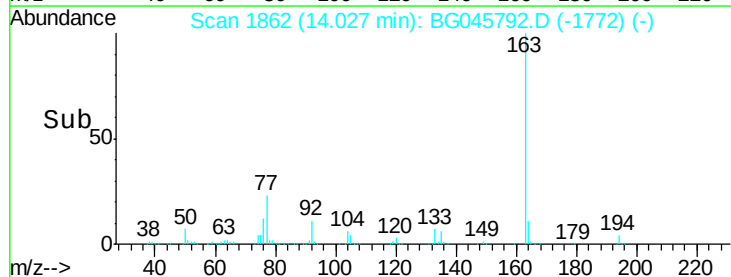
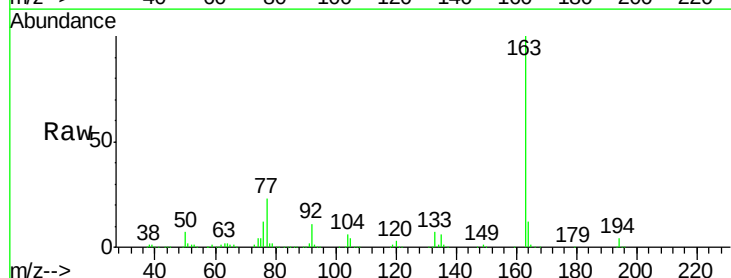
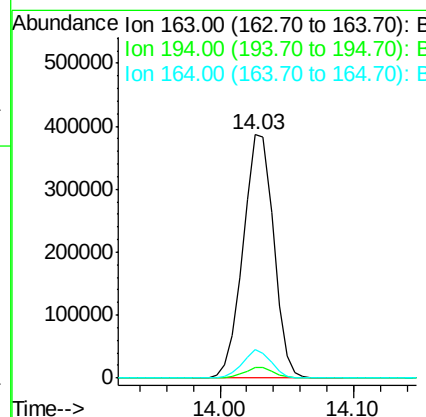
RT: 14.03 min Scan# 1862

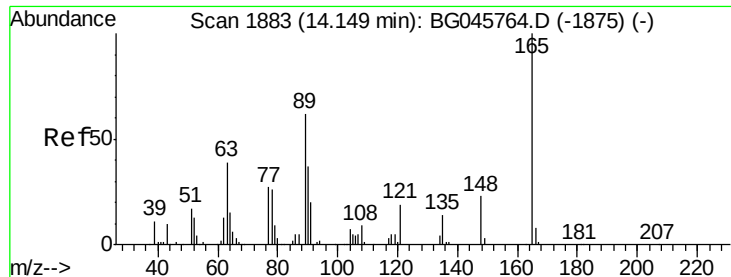
Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	163	Resp:	609857
Ion Ratio		Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.5	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 33.382 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

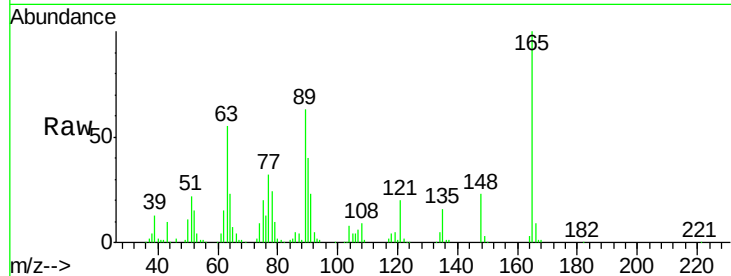
ClientSampleId :

MW-22(16.5-18.5)MSD

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

Manual Integrations
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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

14.15

80000

60000

40000

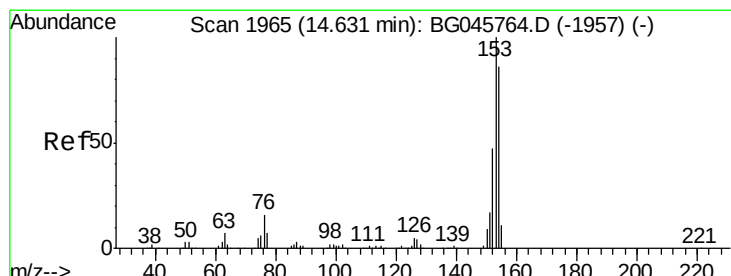
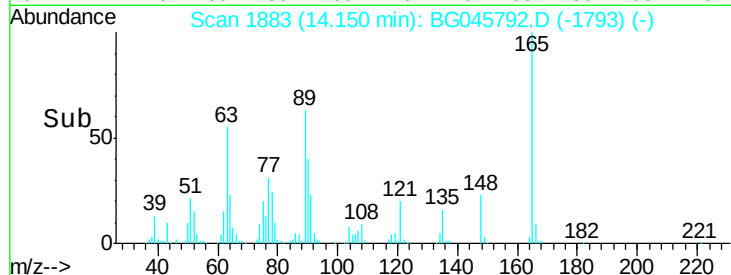
20000

0

14.10

14.20

Time-->



#52

Acenaphthene

Concen: 34.519 ng

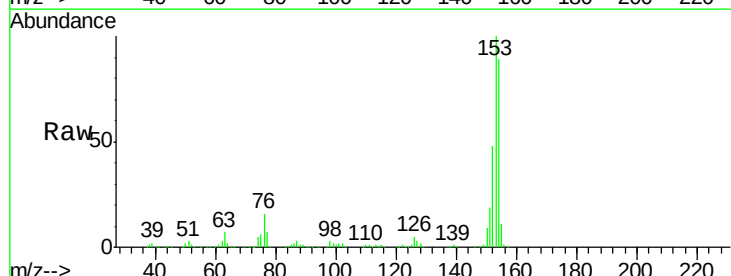
RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

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



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

300000

200000

100000

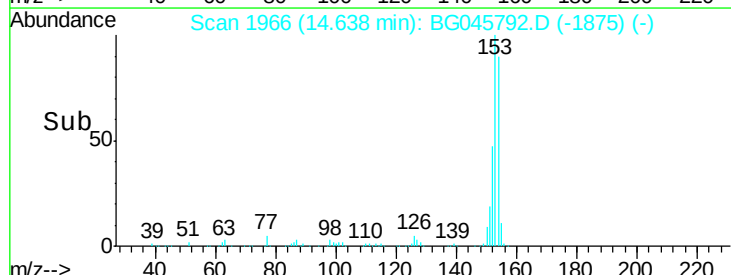
0

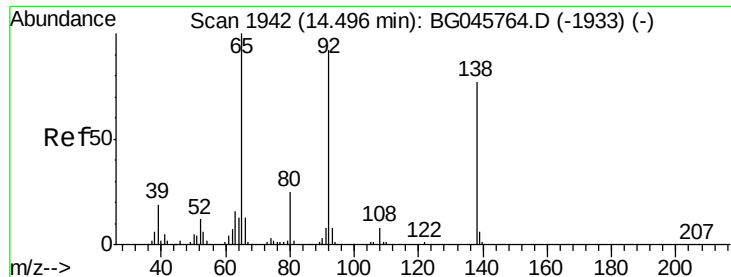
14.55

14.60

14.65

Time-->





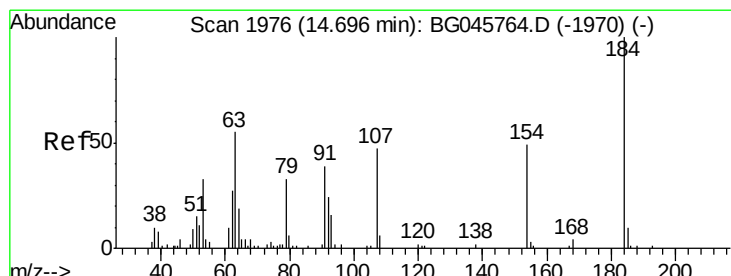
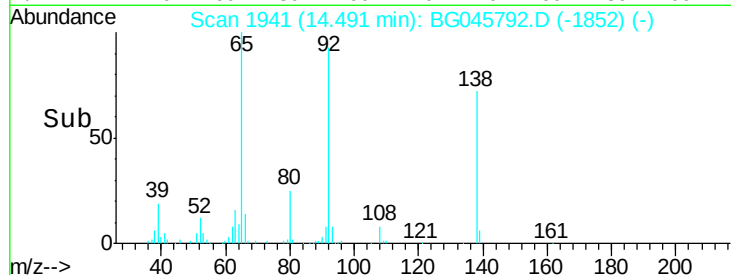
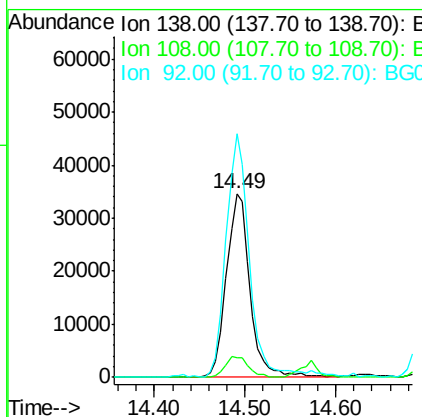
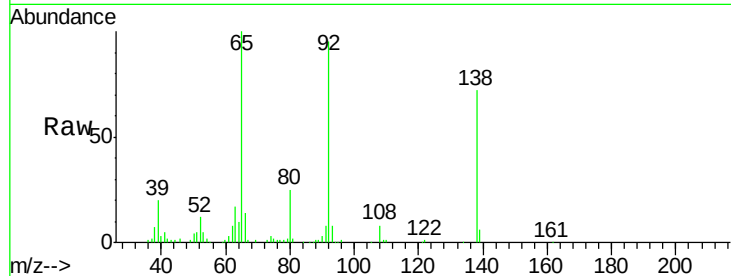
#53
3-Nitroaniline
Concen: 18.901 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

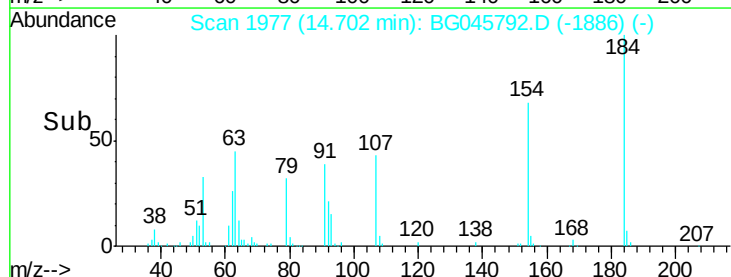
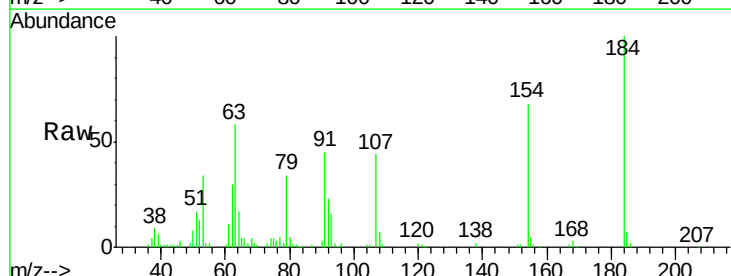
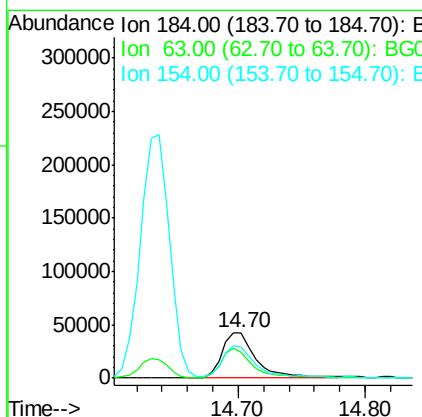
Manual Integrations
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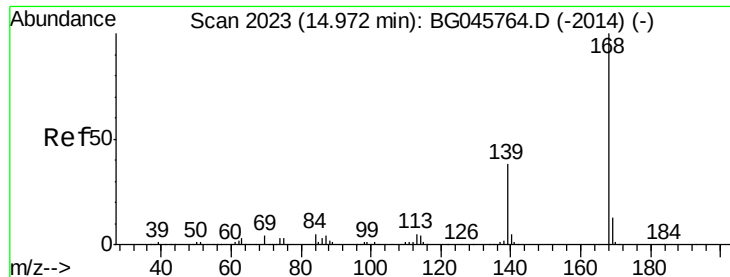
mohammad
6/19/2020 9:24:29 AM



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

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





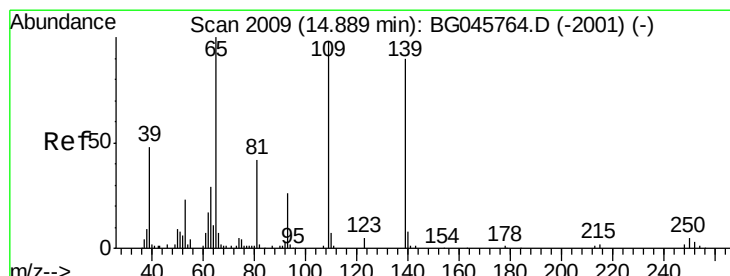
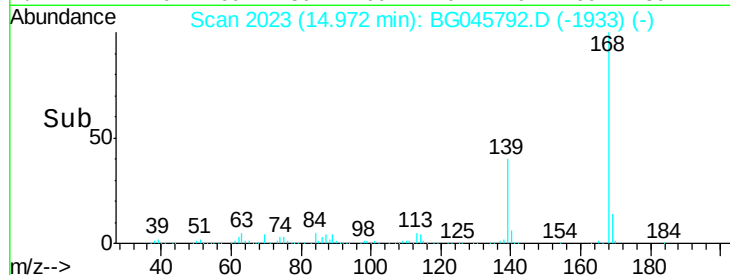
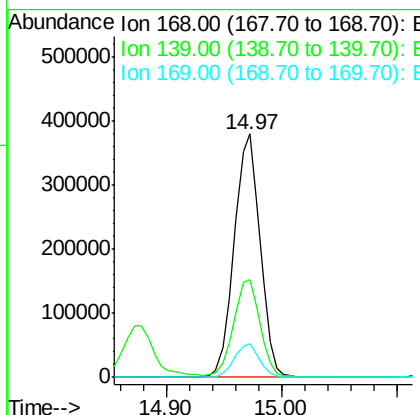
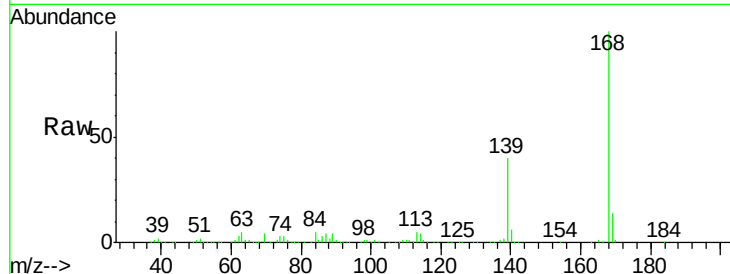
#55
Dibenzenofuran
Concen: 34.119 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

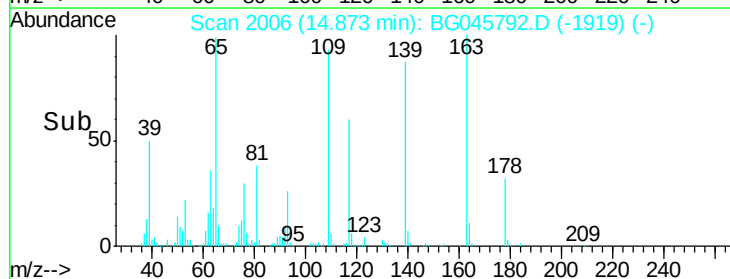
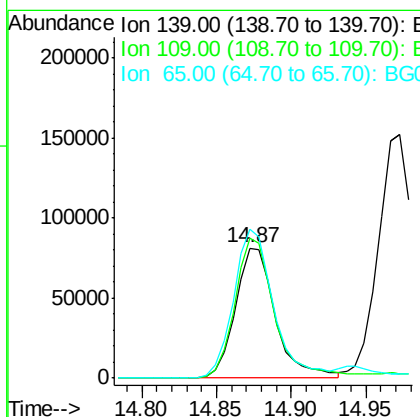
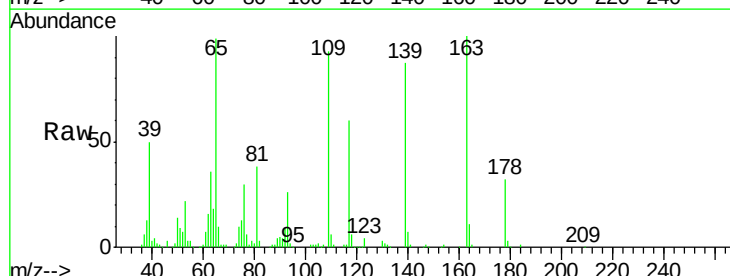
Manual Integrations
APPROVED

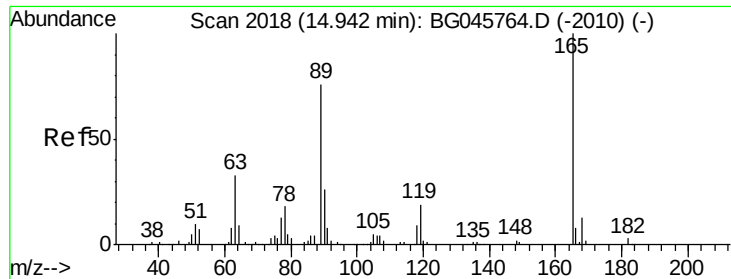
mohammad
6/19/2020 9:24:29 AM



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

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





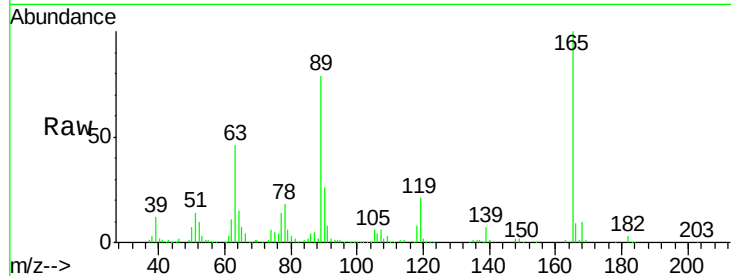
#57
2,4-Dinitrotoluene
Concen: 33.297 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	158580		
63	45.7	33.8	50.8	
89	78.7	60.4	90.6	
182	2.7	2.6	3.8	

Manual Integrations
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6/19/2020 9:24:29 AM

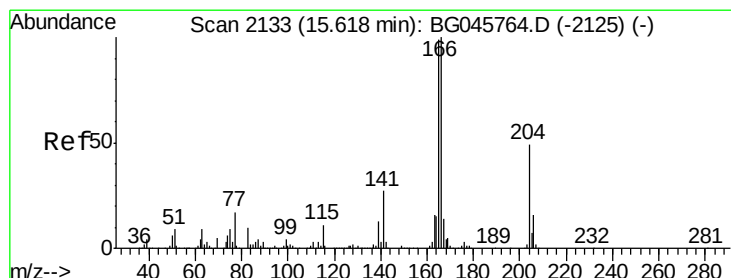
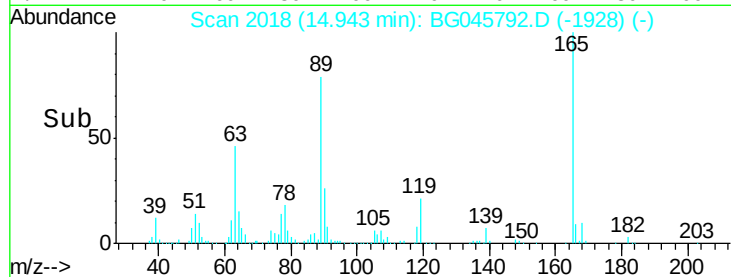
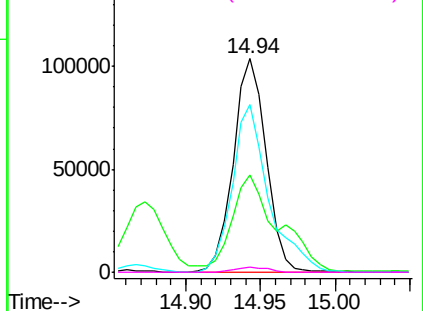


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

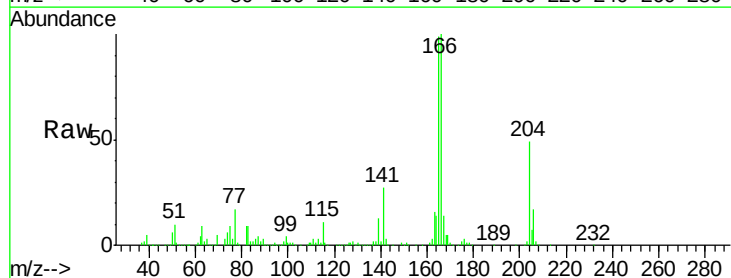
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.374 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

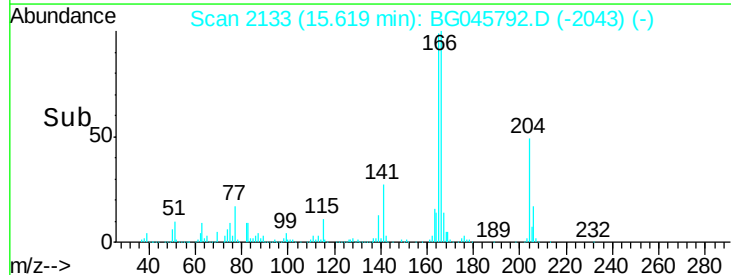
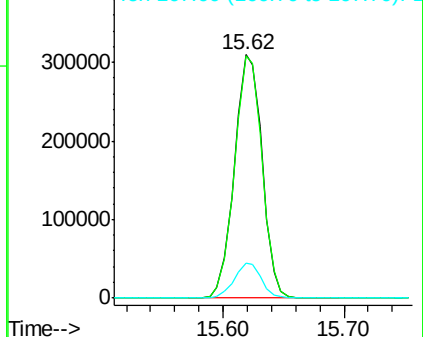
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	492534		
165	99.5	79.1	118.7	
167	14.3	11.5	17.3	

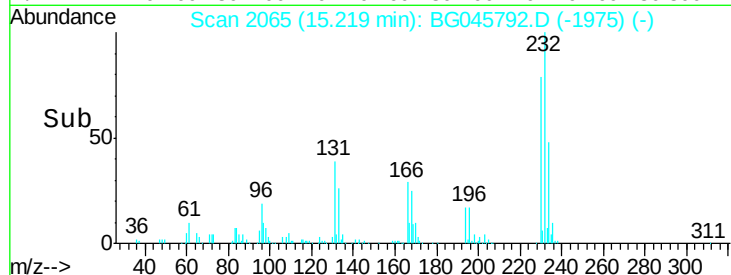
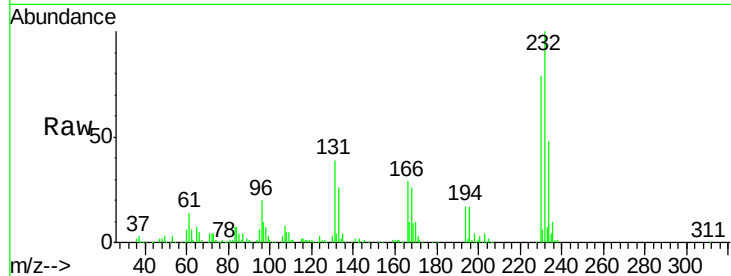
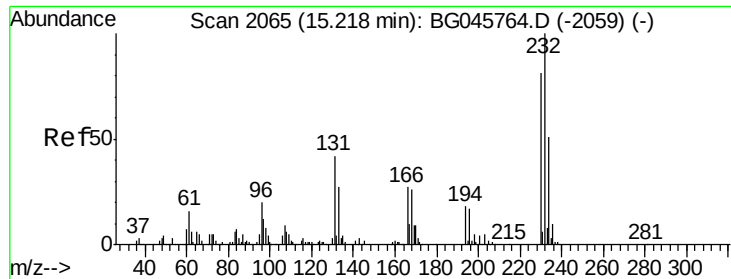


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





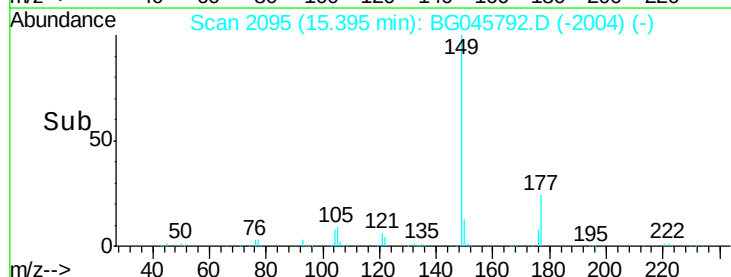
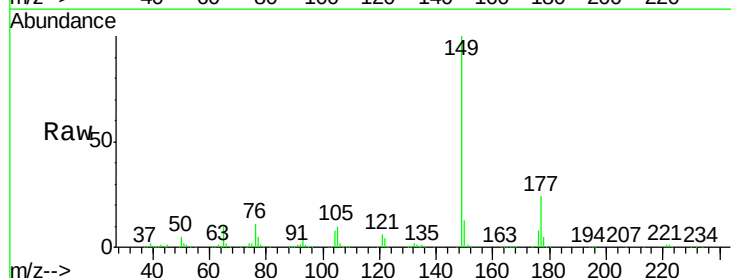
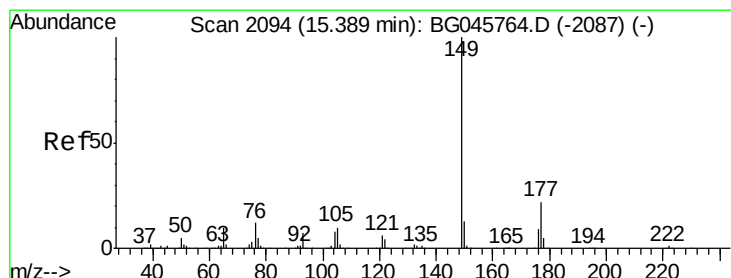
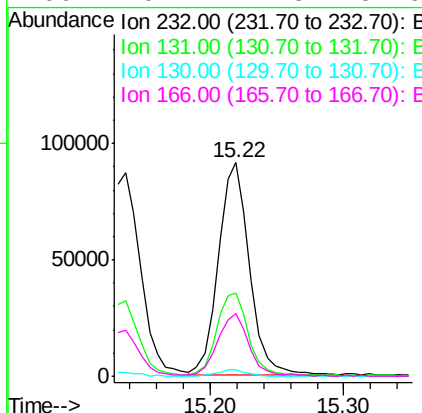
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.579 ng
RT: 15.22 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

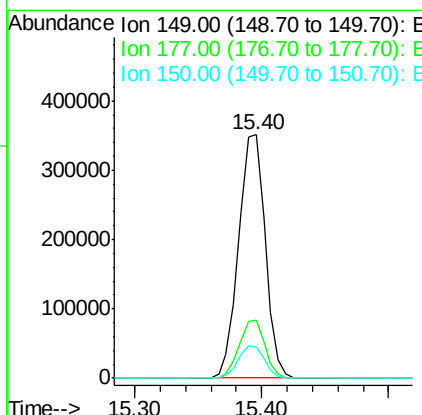
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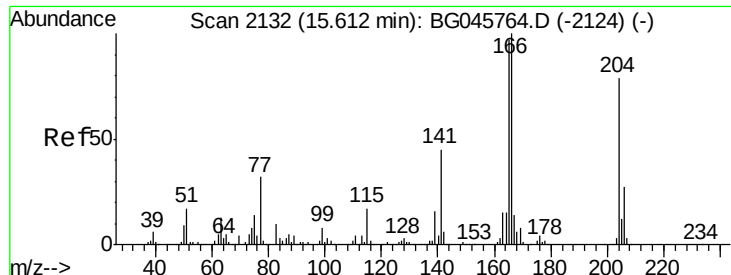
mohammad
6/19/2020 9:24:29 AM



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

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





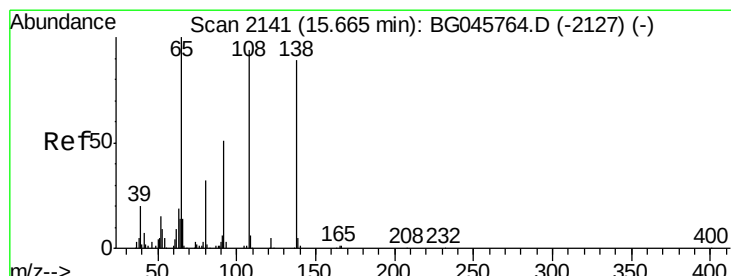
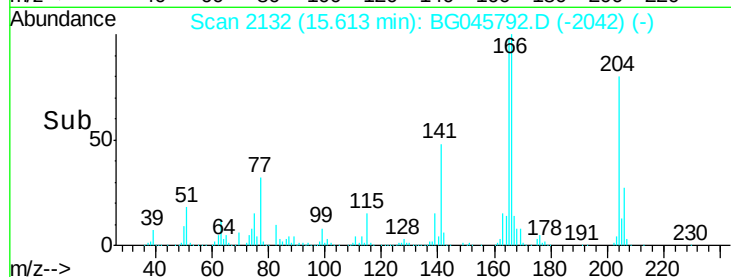
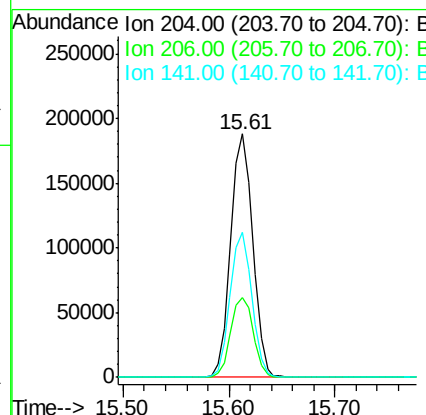
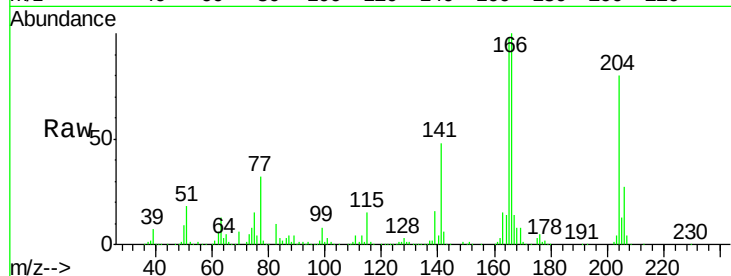
#61
4-Chlorophenyl-phenylether
Concen: 32.830 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

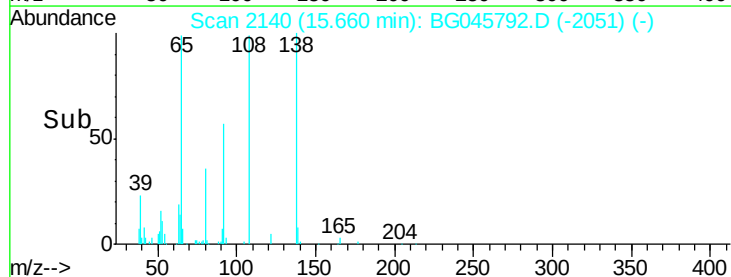
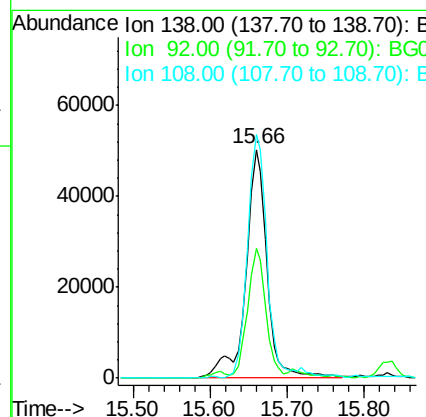
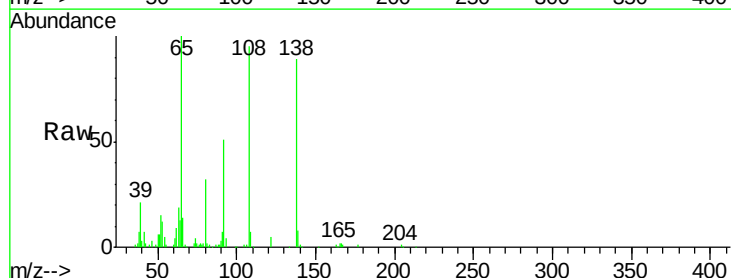
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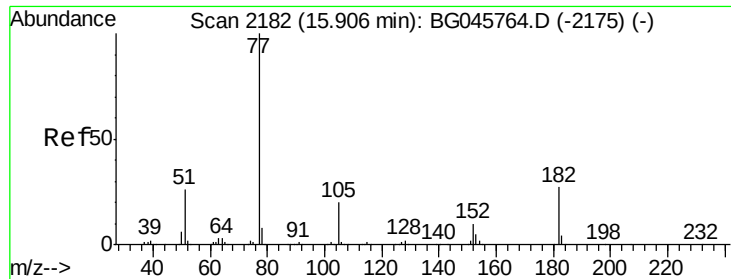
mohammad
6/19/2020 9:24:29 AM



#62
4-Nitroaniline
Concen: 28.645 ng m
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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





#63

Azobenzene

Concen: 34.427 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

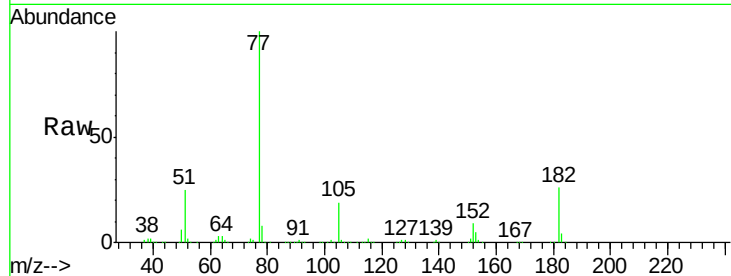
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	7.4	47.4	
105	19.1	0.1	40.1	
51	25.1	5.7	45.7	

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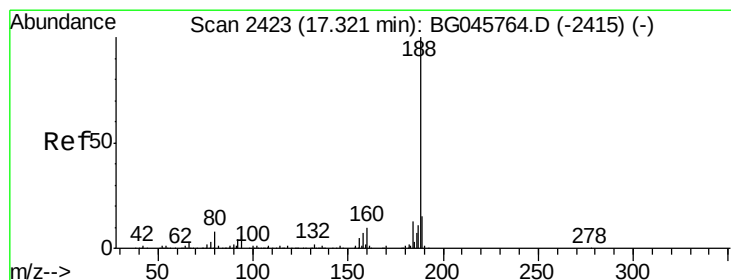
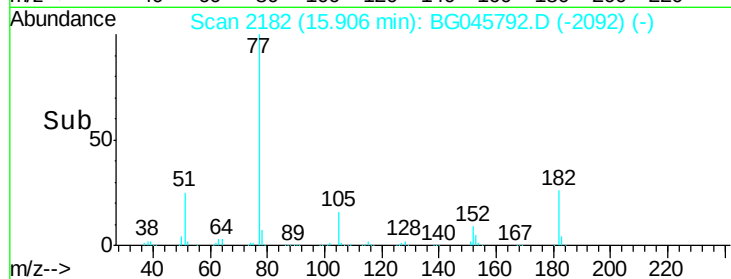
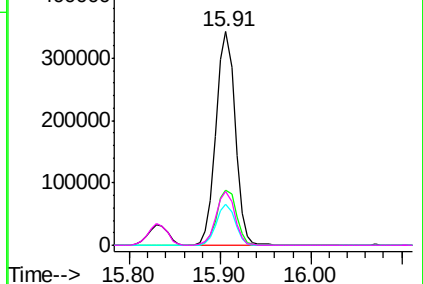


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045792.D

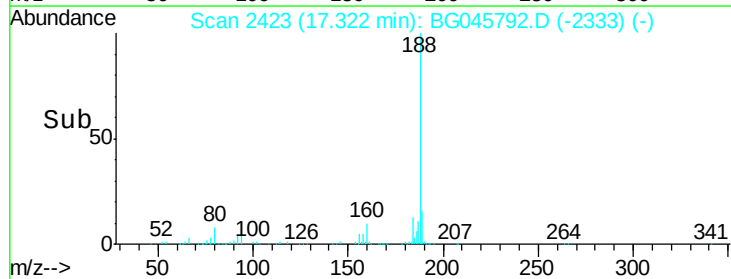
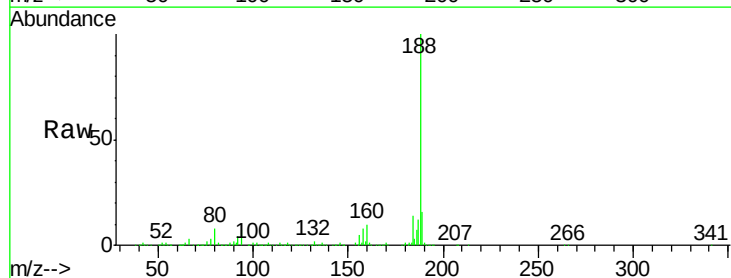
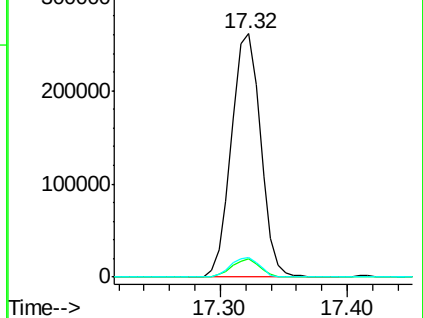
Acq: 17 Jun 2020 16:02

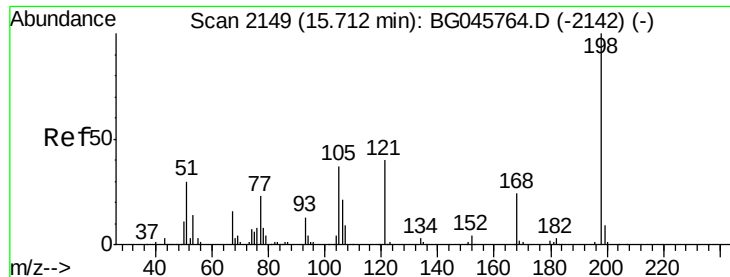
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.5	5.1	7.7	
80	8.0	6.2	9.4	

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





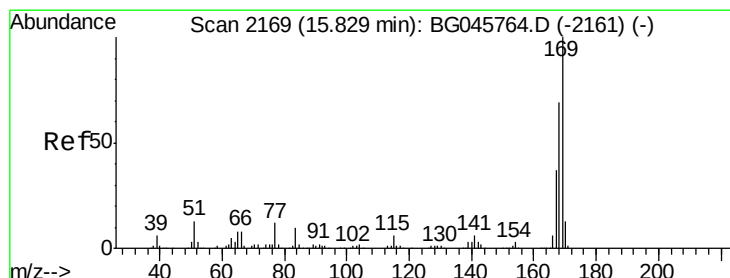
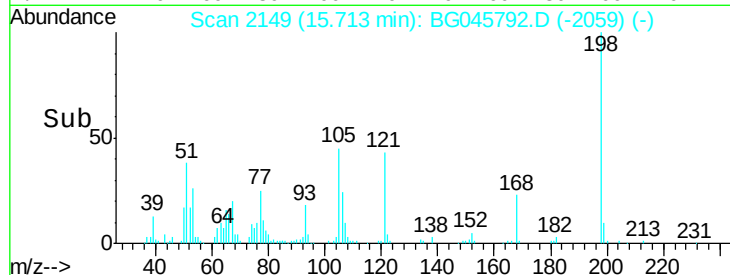
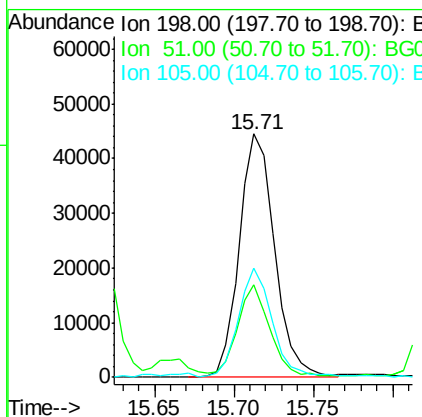
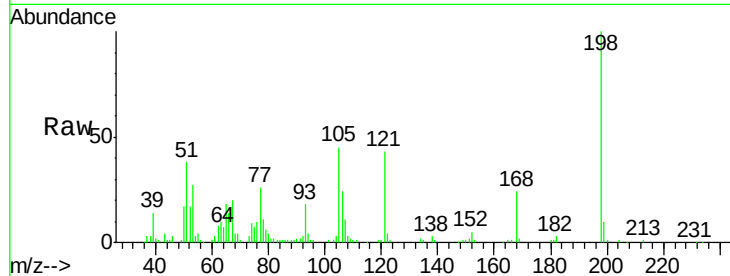
#65
4,6-Dinitro-2-methylphenol
Concen: 26.785 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	14.6	54.6
105	44.7	18.4	58.4

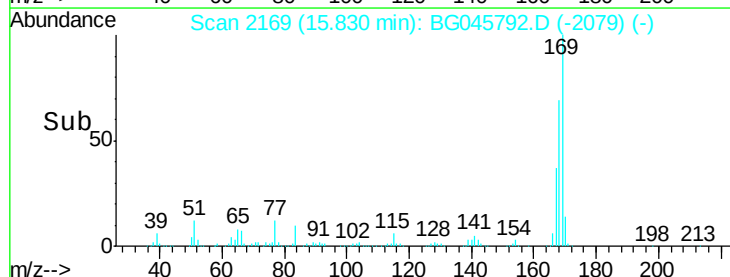
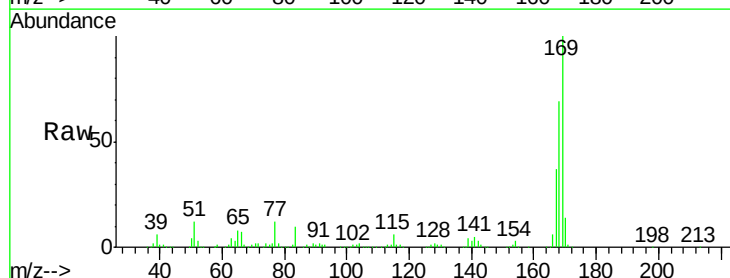
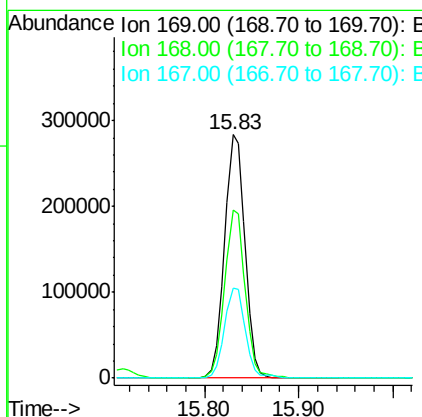
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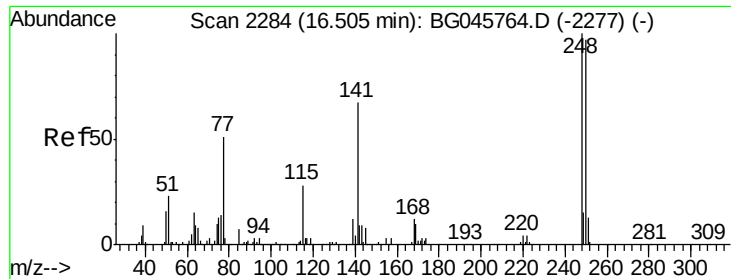
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.330 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.2	82.8
167	37.2	29.8	44.6





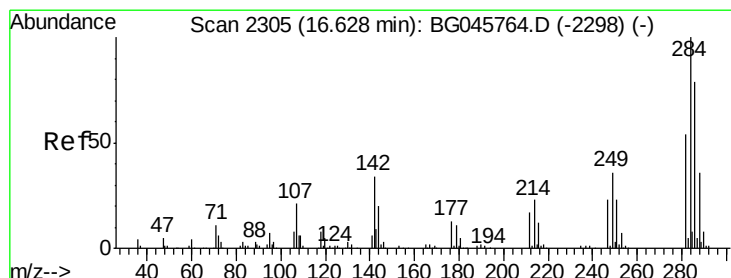
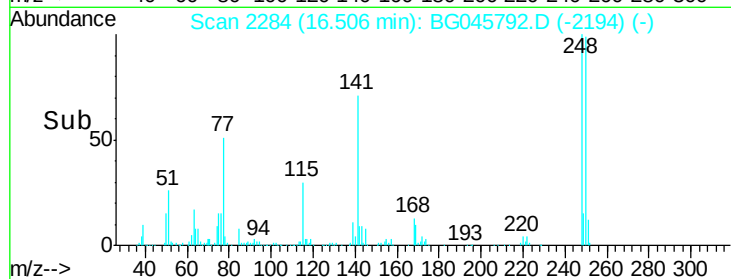
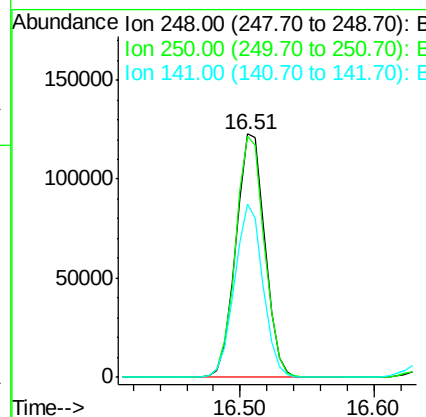
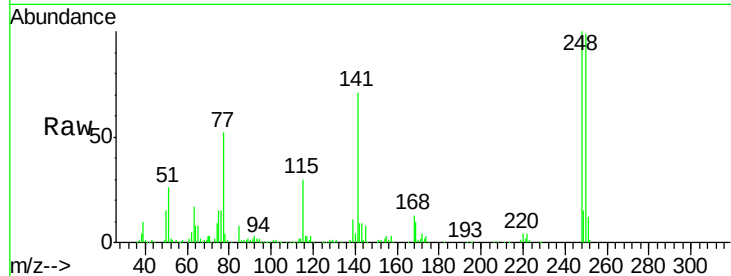
#67
4-Bromophenyl-phenylether
Concen: 34.378 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

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

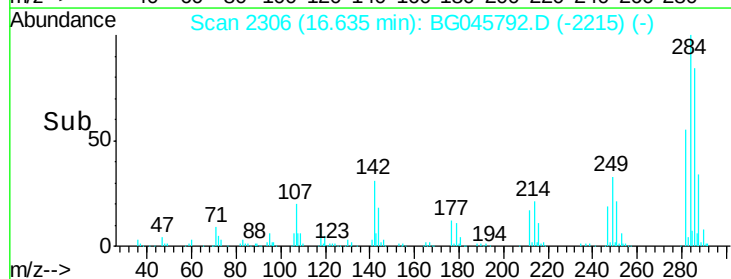
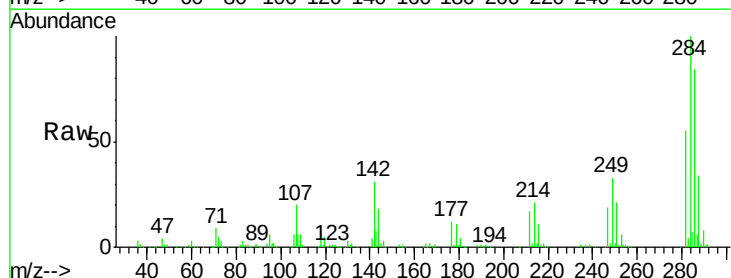
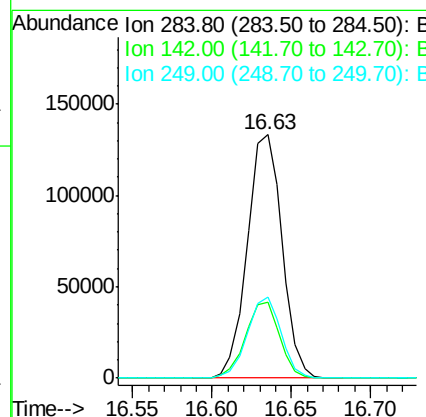
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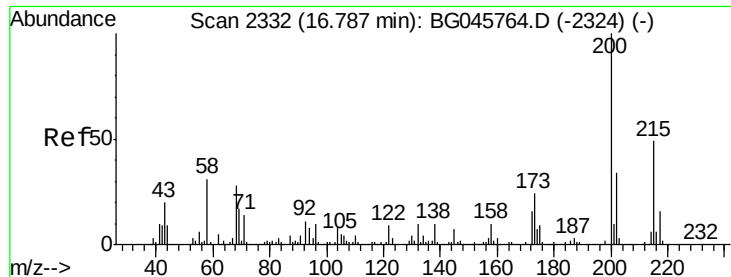
mohammad
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#68
Hexachlorobenzene
Concen: 36.201 ng
RT: 16.63 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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





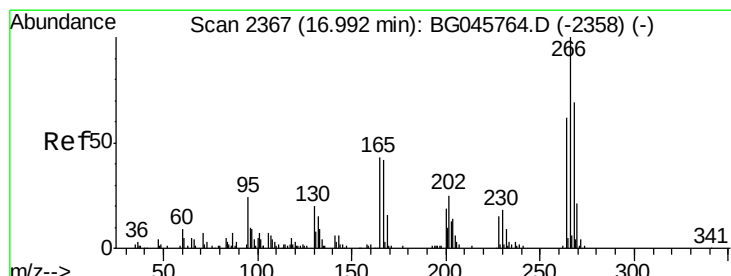
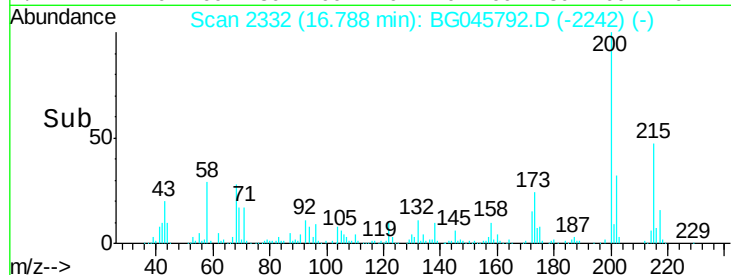
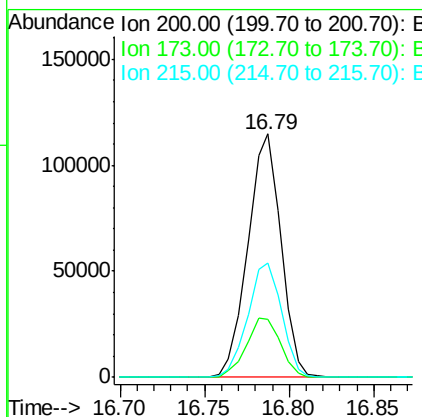
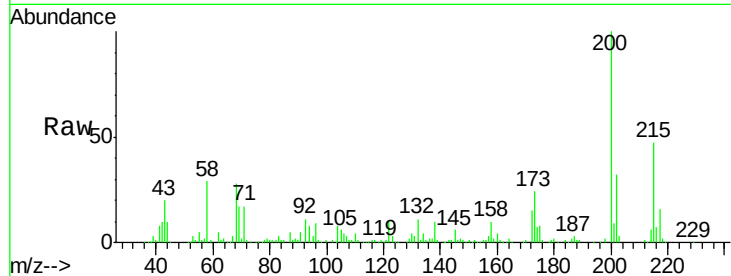
#69
Atrazine
Concen: 34.251 ng
RT: 16.79 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.9	43.9
215	46.7	28.8	68.8

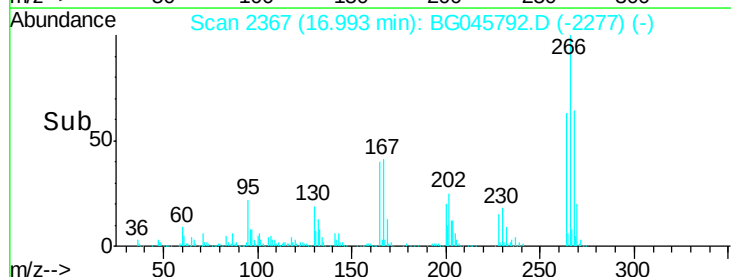
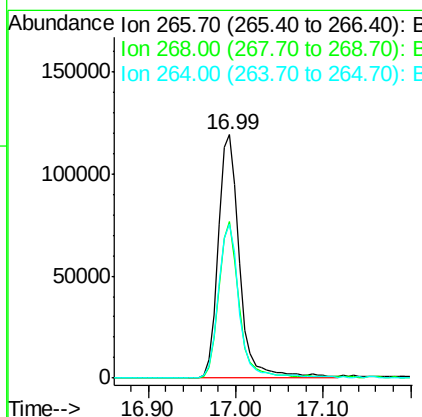
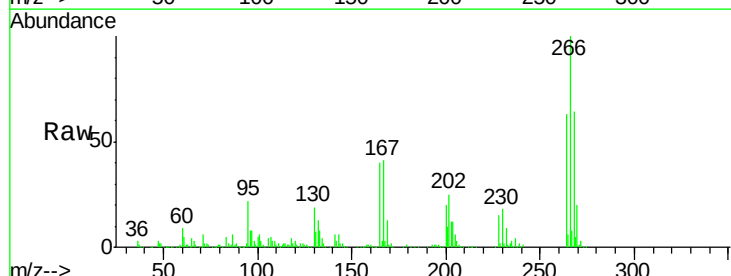
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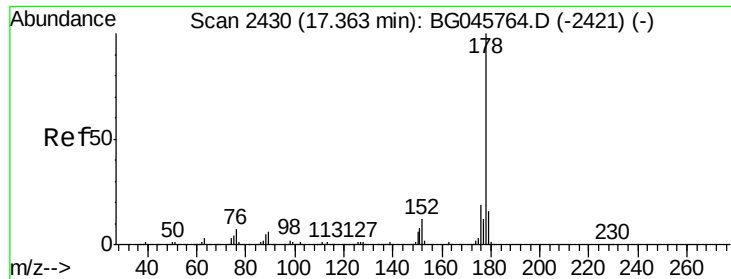
mohammad
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#70
Pentachlorophenol
Concen: 74.064 ng
RT: 16.99 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	55.4	83.0
264	63.2	49.8	74.6





#71

Phenanthrene

Concen: 34.767 ng

RT: 17.36 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

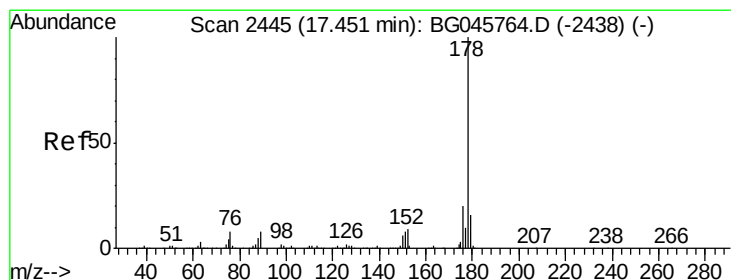
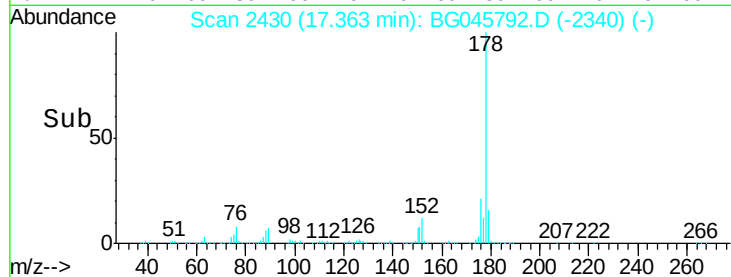
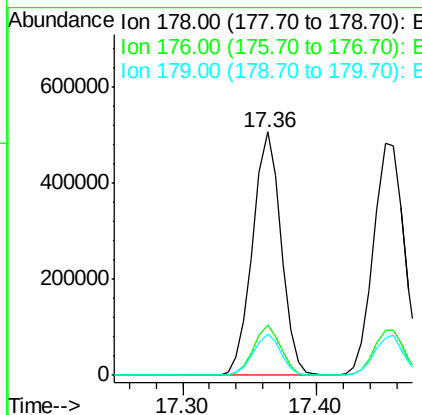
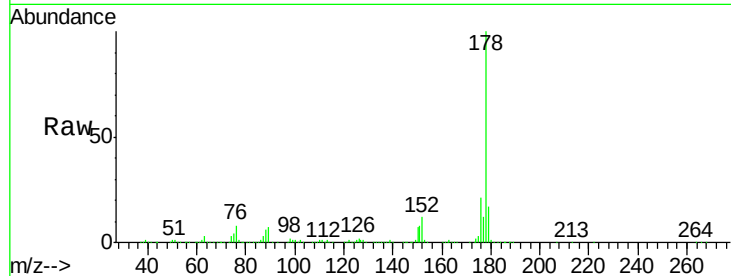
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:	178	Resp:	746387
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.5	23.3
179	17.1	13.2	19.8

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#72

Anthracene

Concen: 36.205 ng

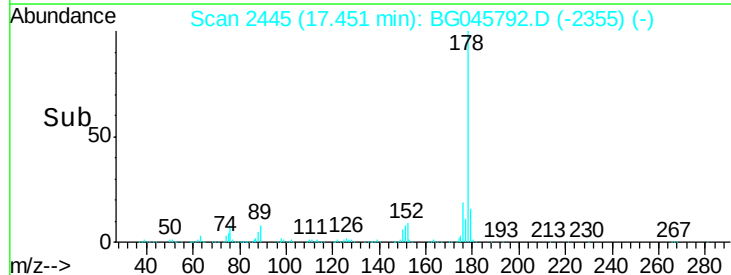
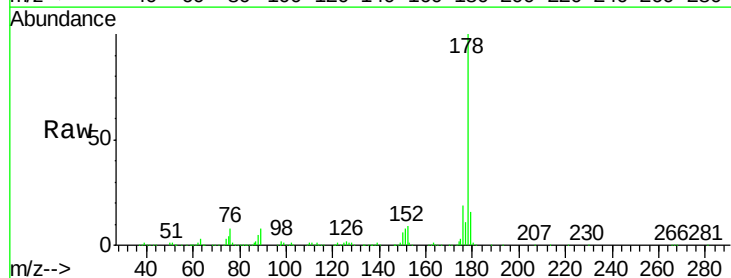
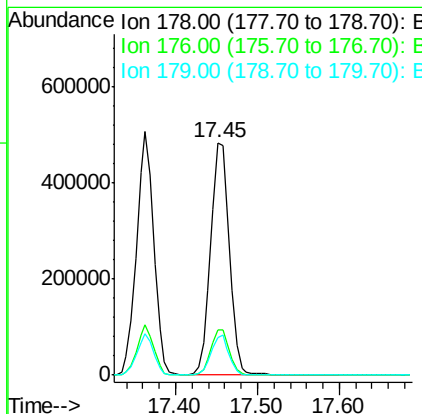
RT: 17.45 min Scan# 2445

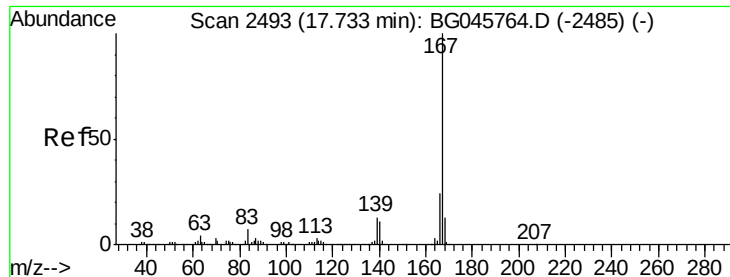
Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	178	Resp:	773992
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	16.3	13.1	19.7





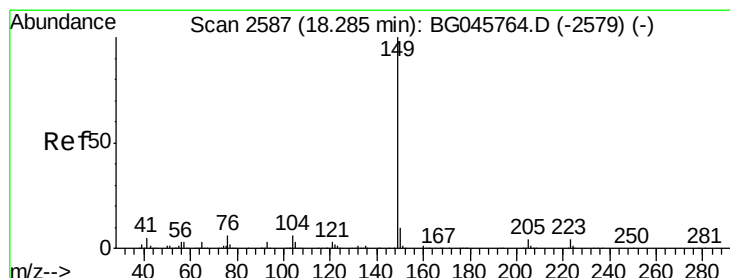
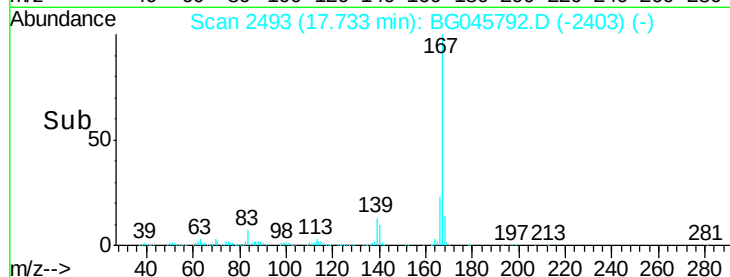
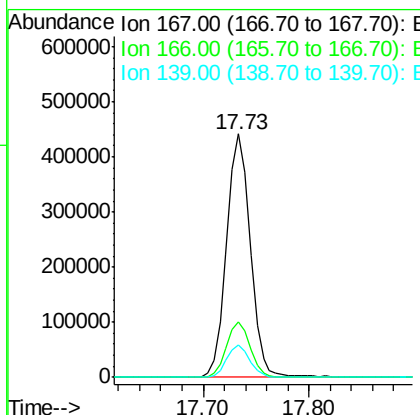
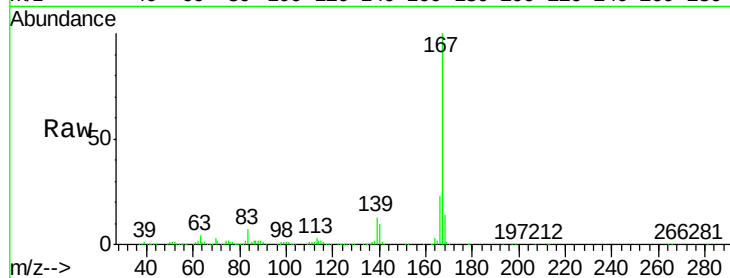
#73
 Carbazole
 Concen: 33.746 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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

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

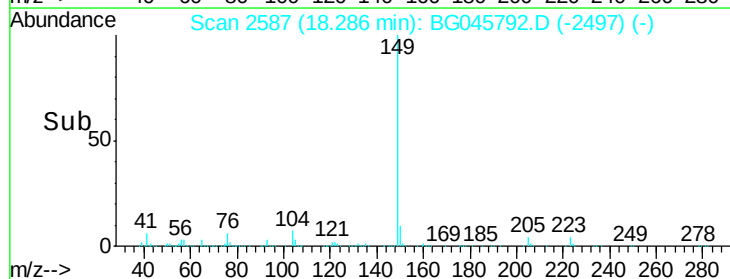
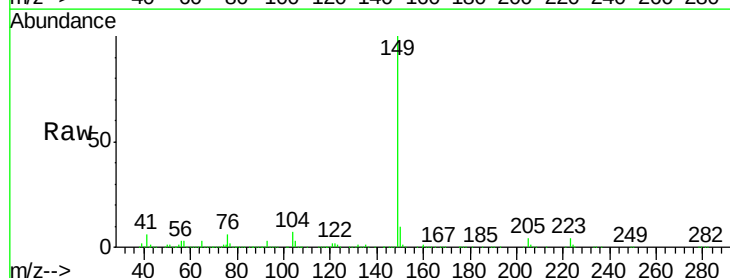
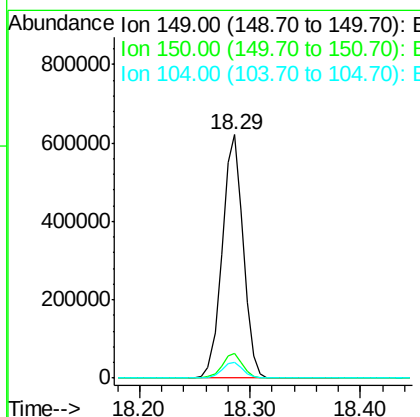
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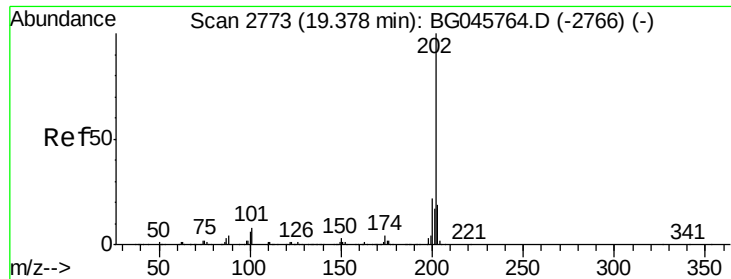
mohammad
 6/19/2020 9:24:29 AM



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

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





#75

Fluoranthene

Concen: 32.960 ng

RT: 19.38 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

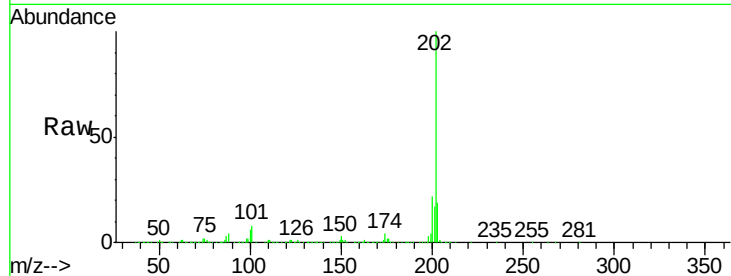
ClientSampleId :

MW-22(16.5-18.5)MSD

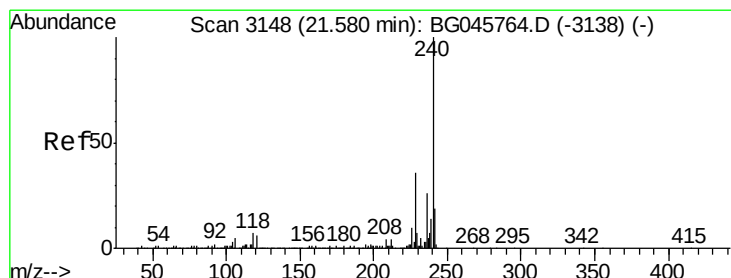
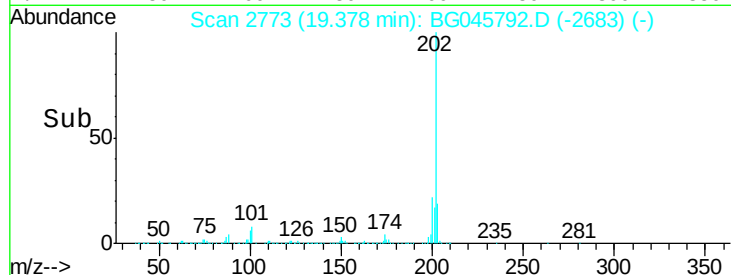
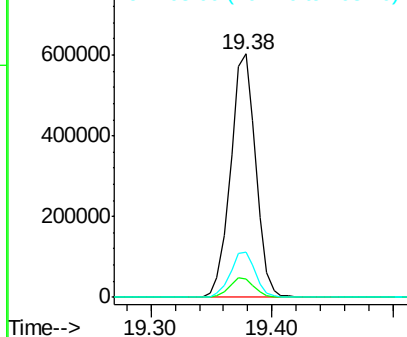
Tot Ion:	202	Resp:	870094
Ion Ratio		Lower	Upper
202	100		
101	7.6	0.0	27.7
203	18.8	0.0	38.7

Manual Integrations
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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



#76

Chrysene-d12

Concen: 20.000 ng

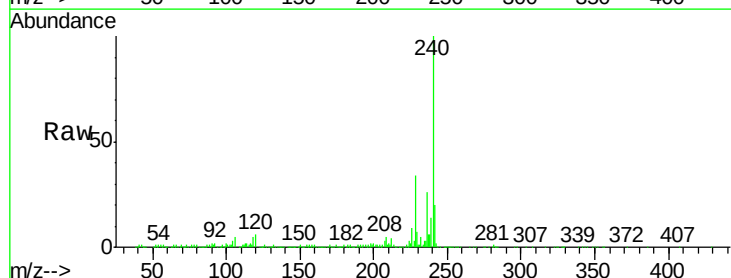
RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

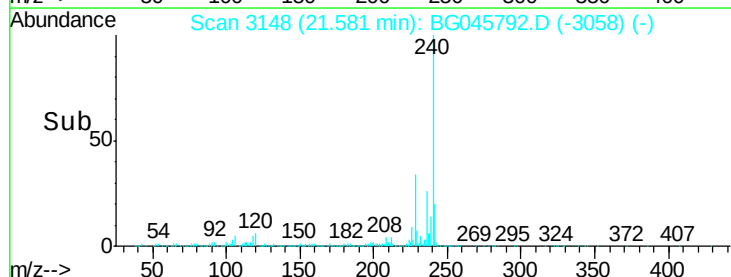
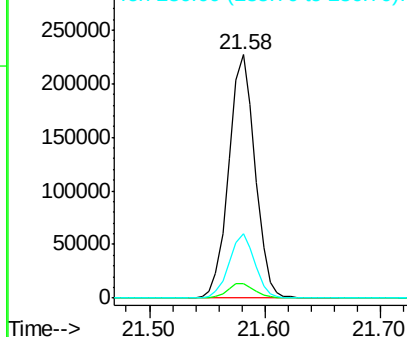
Lab File: BG045792.D

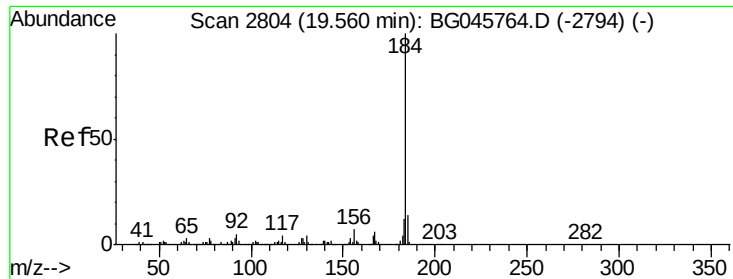
Acq: 17 Jun 2020 16:02

Tgt Ion:	240	Resp:	357534
Ion Ratio		Lower	Upper
240	100		
120	6.2	5.0	7.4
236	26.3	20.6	30.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.489 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

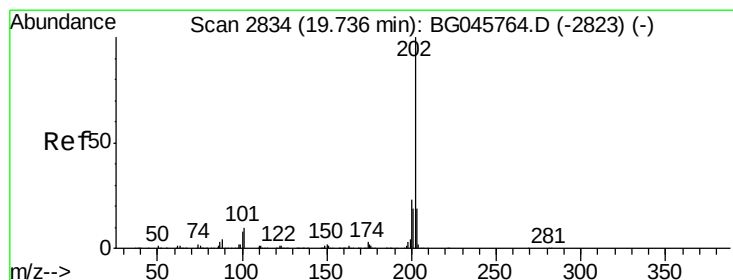
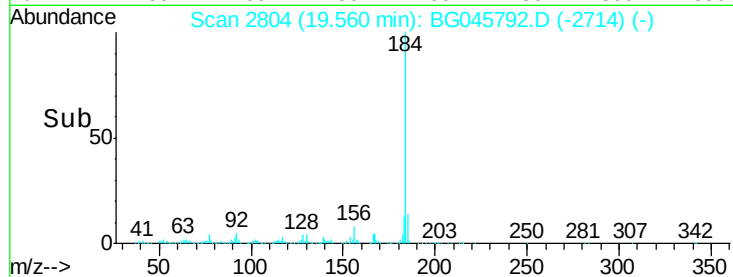
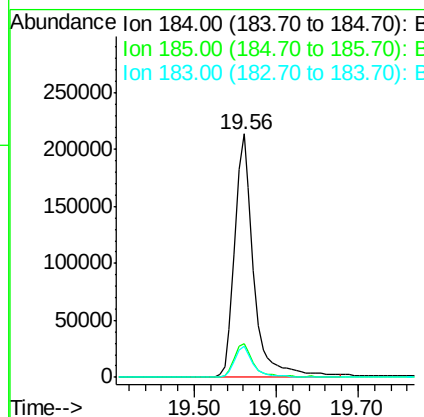
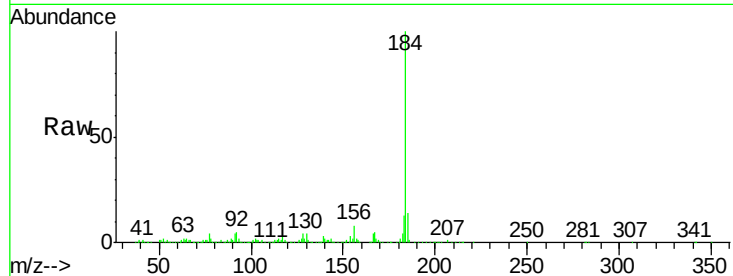
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:	184	Resp:	348453
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	12.9	9.7	14.5

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#78

Pyrene

Concen: 35.803 ng

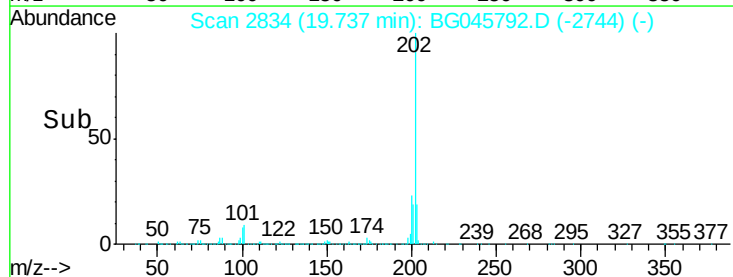
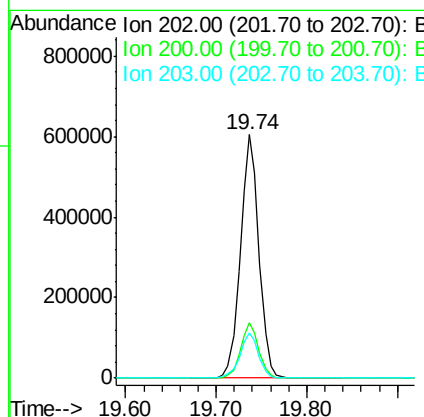
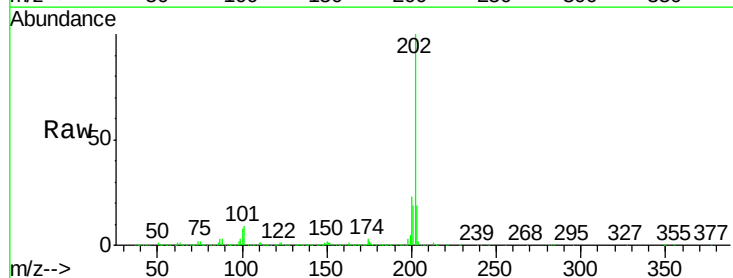
RT: 19.74 min Scan# 2834

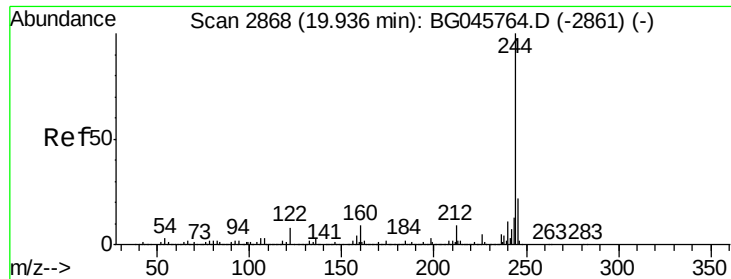
Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	202	Resp:	857178
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.2
203	18.6	14.8	22.2





#79

Terphenyl-d14

Concen: 70.699 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:244 Resp: 1247280

Ion Ratio Lower Upper

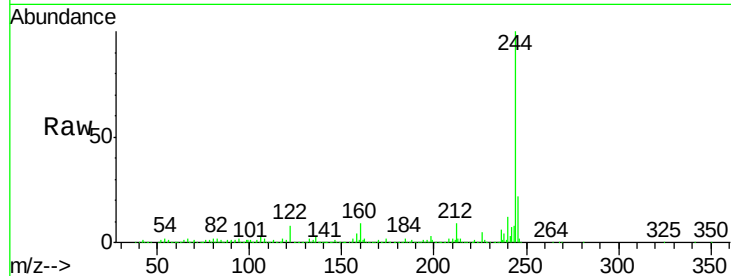
244 100

212 8.9 7.2 10.8

122 8.4 6.4 9.6

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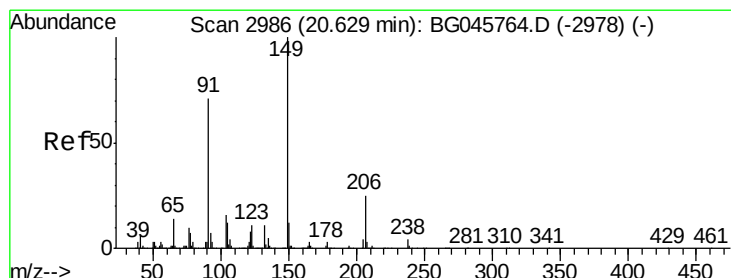
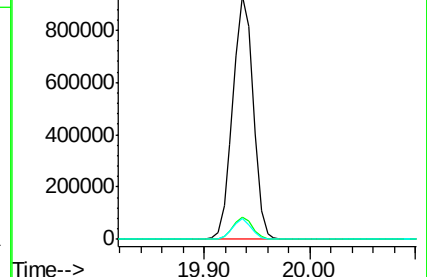
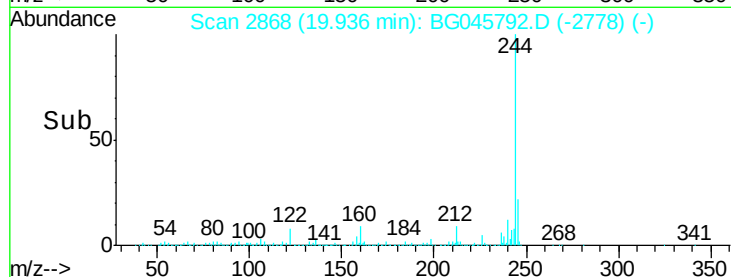
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.446 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

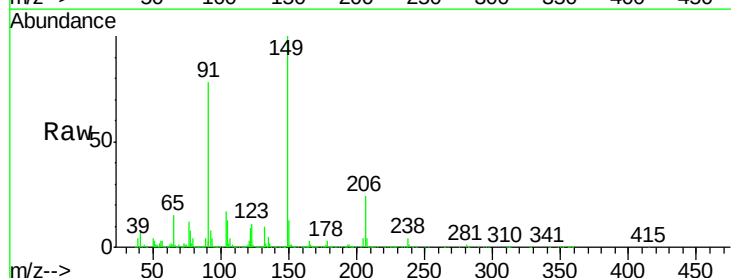
Tgt Ion:149 Resp: 335173

Ion Ratio Lower Upper

149 100

91 77.5 56.4 84.6

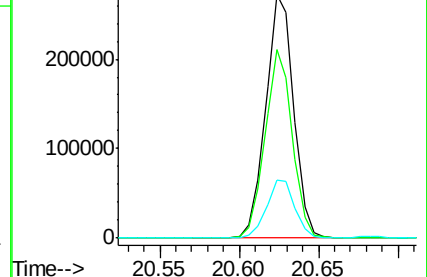
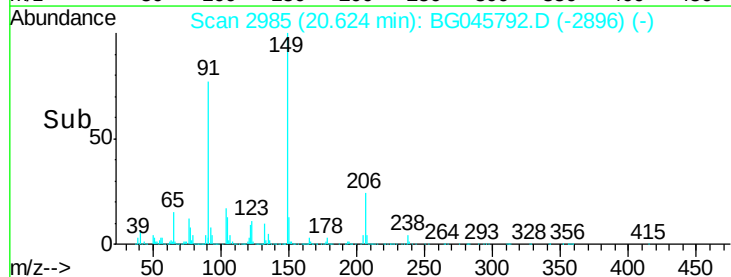
206 23.8 19.8 29.6

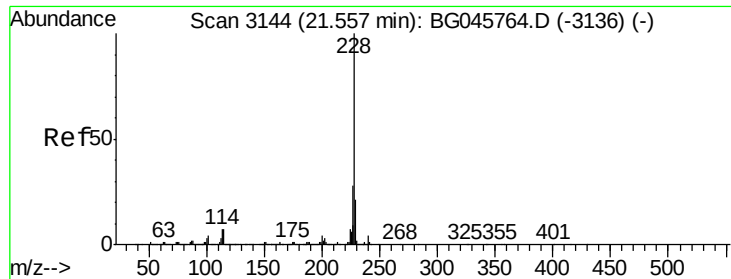


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





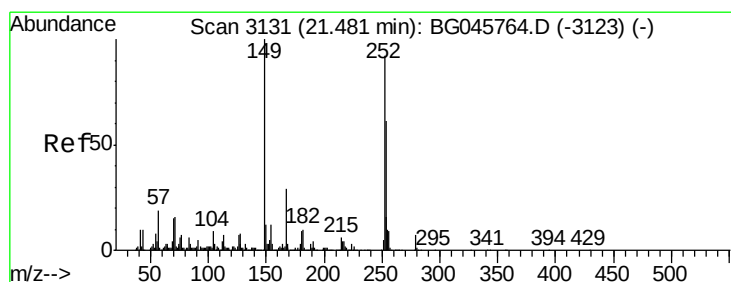
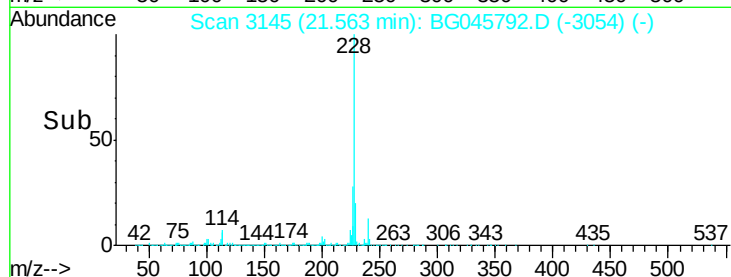
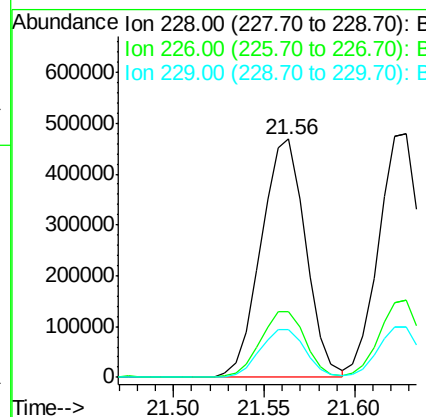
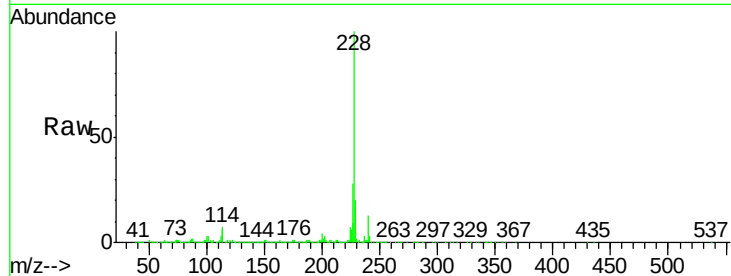
#81
Benzo(a)anthracene
Concen: 34.518 ng
RT: 21.56 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	19.9	16.6	24.8

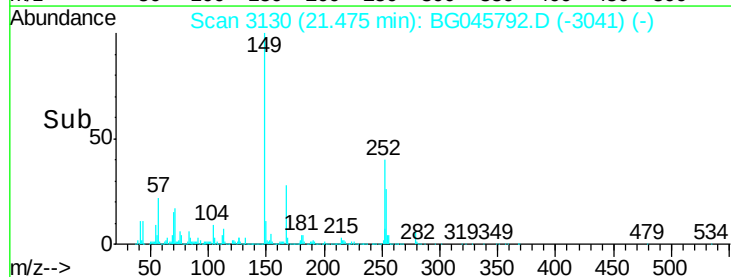
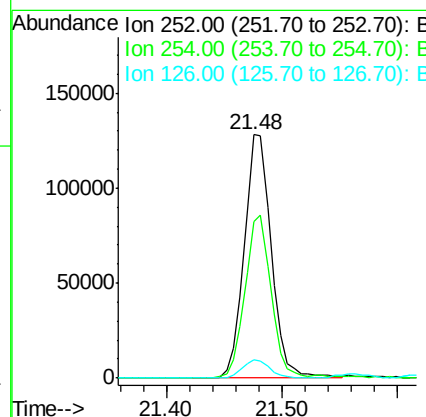
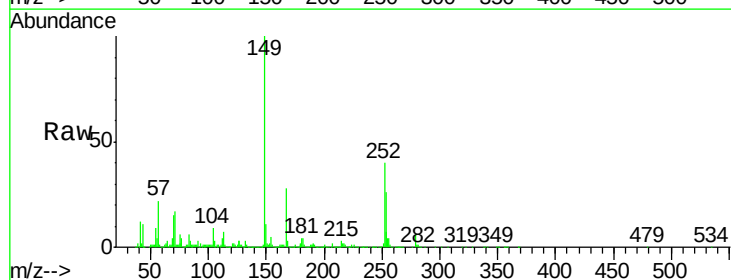
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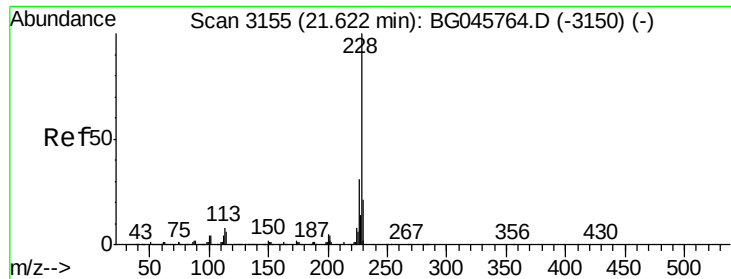
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#82
3,3'-Dichlorobenzidine
Concen: 23.837 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	53.4	80.0
126	7.4	5.8	8.8





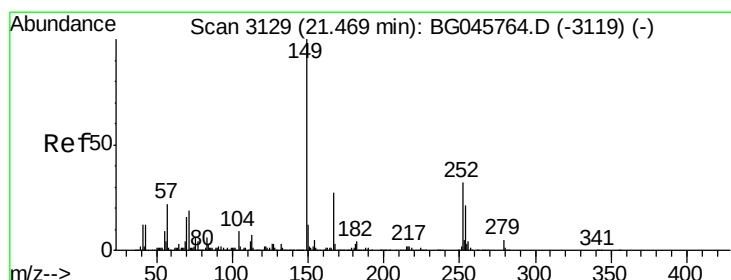
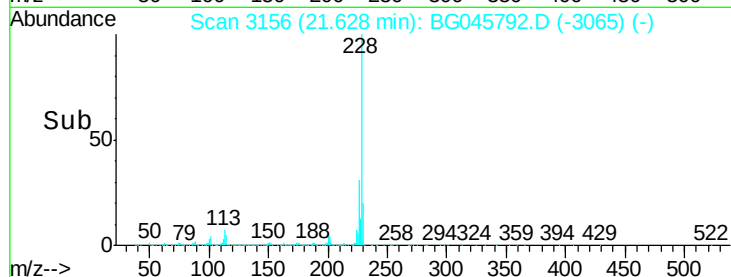
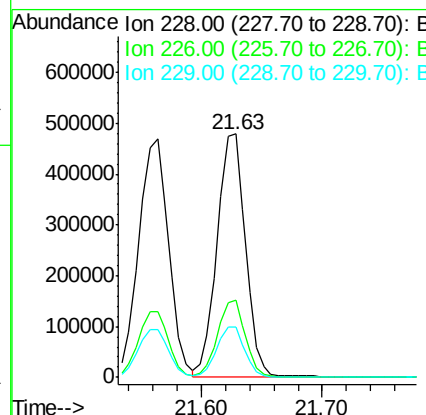
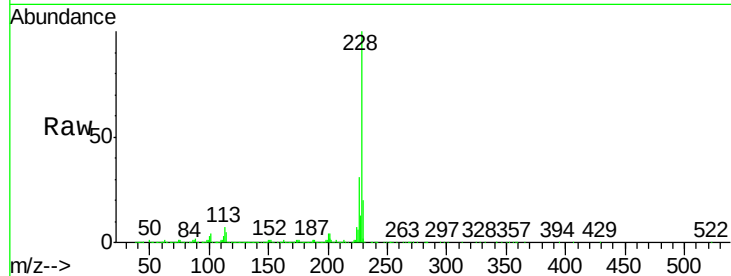
#83
 Chrysene
 Concen: 34.503 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.1	37.7
229	20.5	16.4	24.6

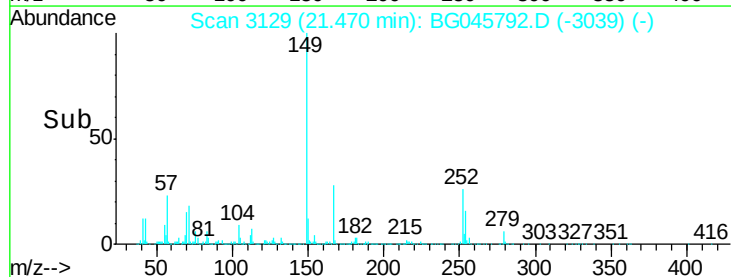
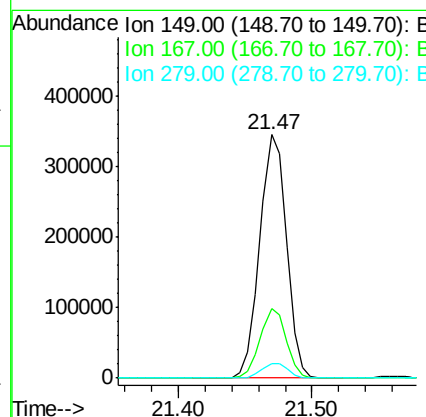
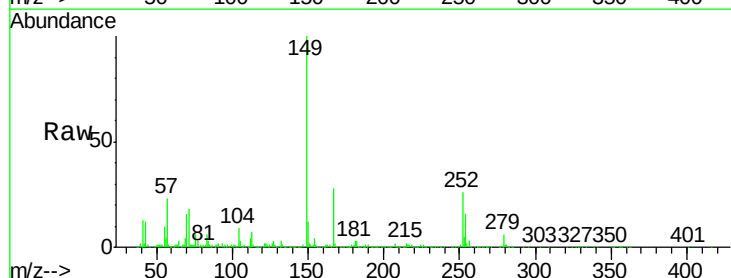
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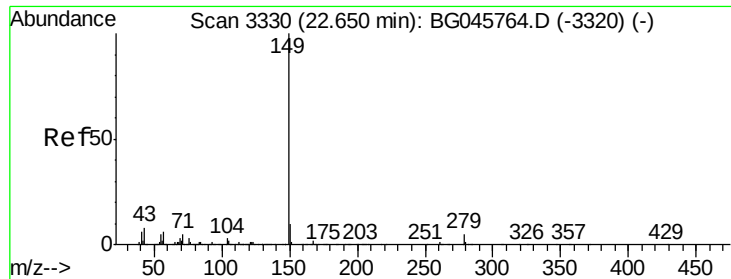
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.940 ng
 RT: 21.47 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	5.8	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 33.127 ng

RT: 22.65 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

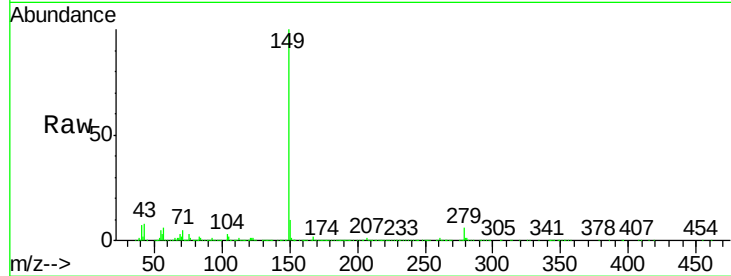
ClientSampleId :

MW-22(16.5-18.5)MSD

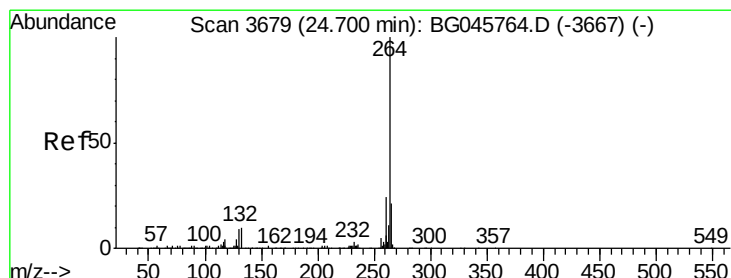
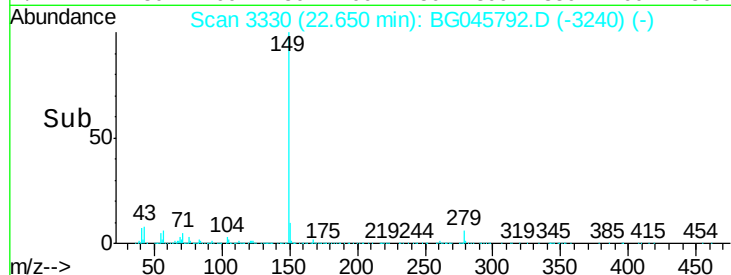
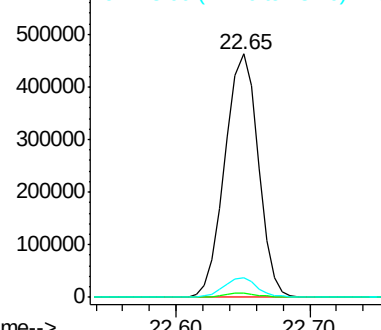
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.6	5.9	8.9

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



#86

Perylene-d12

Concen: 20.000 ng

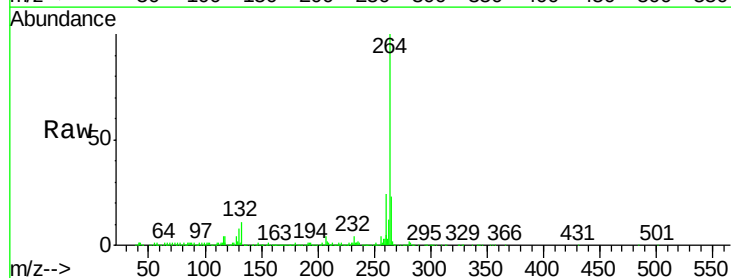
RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

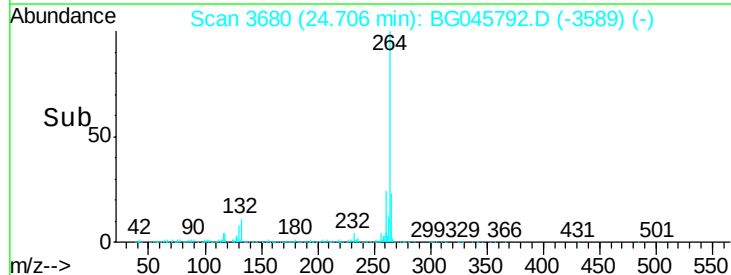
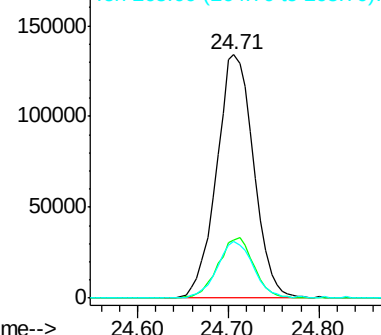
Lab File: BG045792.D

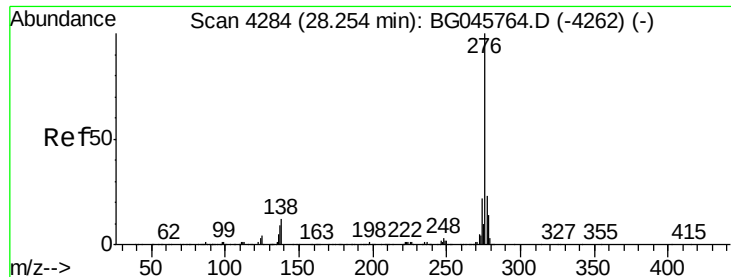
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	23.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





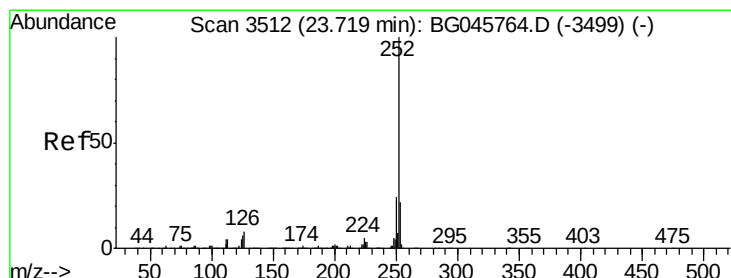
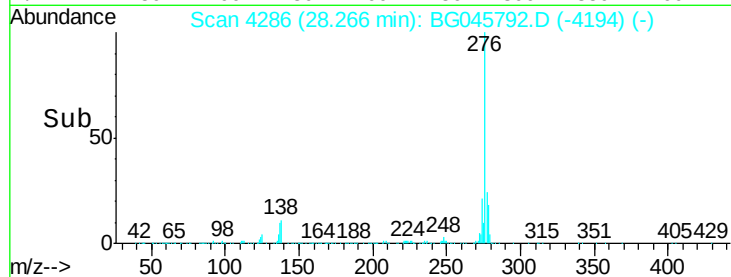
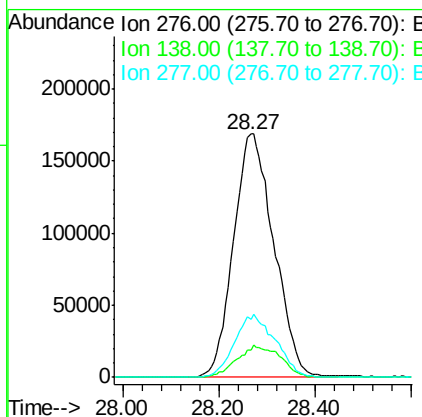
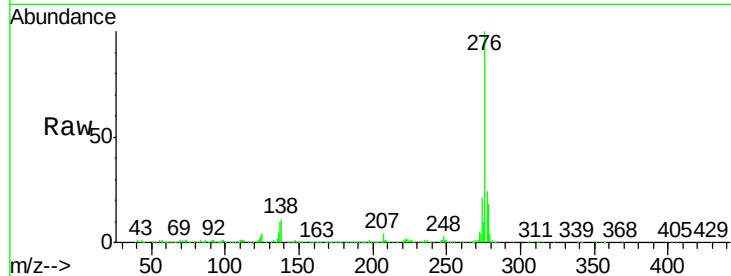
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.854 ng
 RT: 28.27 min Scan# 4286
 Delta R.T. 0.01 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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

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

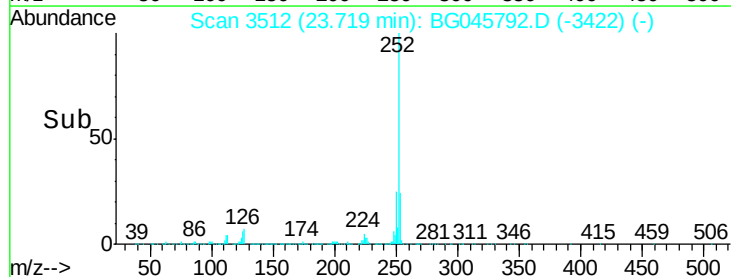
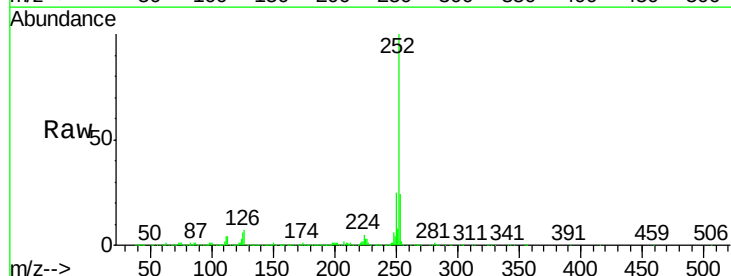
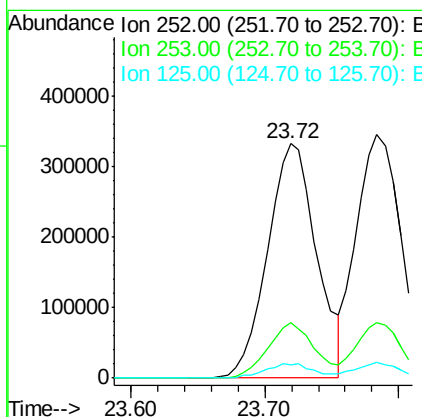
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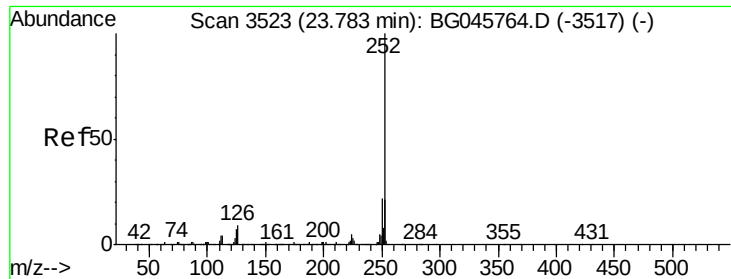
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#88
 Benzo(b)fluoranthene
 Concen: 35.624 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BG045792.D
 Acq: 17 Jun 2020 16:02

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





#89

Benzo(k)fluoranthene

Concen: 35.239 ng

RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Instrument :

BNA_G

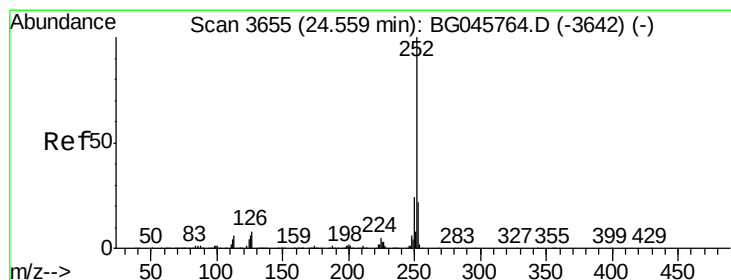
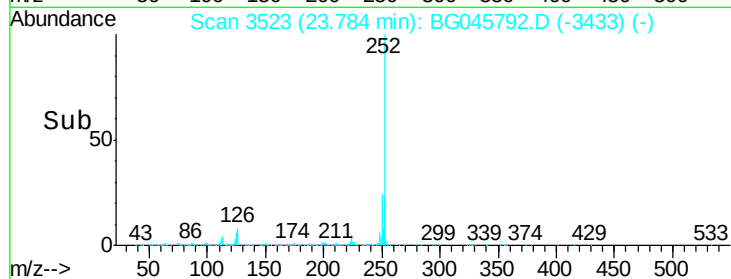
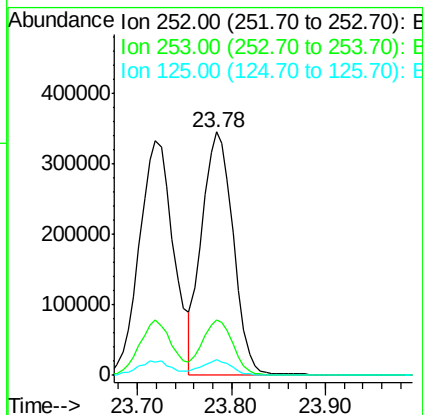
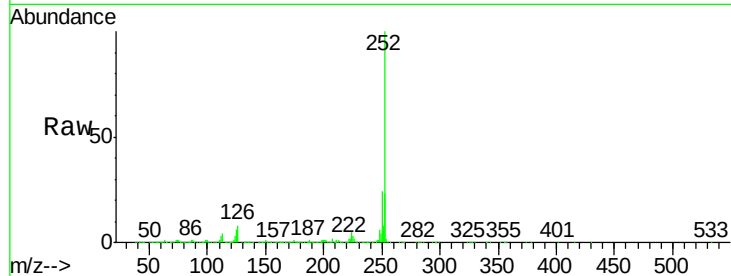
ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:	252	Resp:	803937
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	6.4	5.2	7.8

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#90

Benzo(a)pyrene

Concen: 34.388 ng

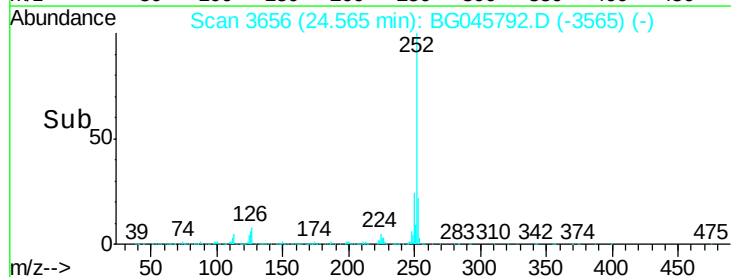
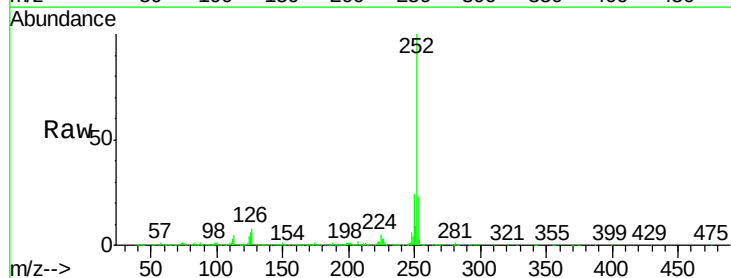
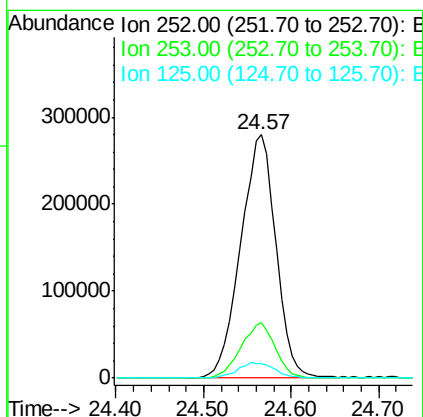
RT: 24.57 min Scan# 3656

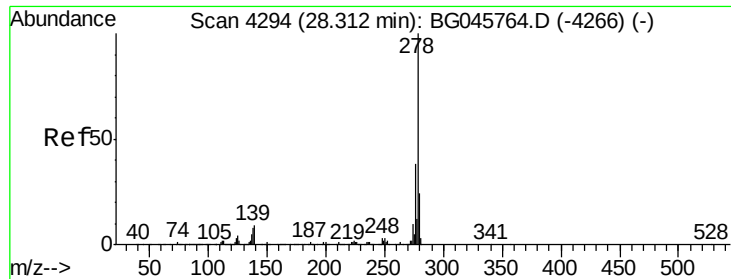
Delta R.T. 0.01 min

Lab File: BG045792.D

Acq: 17 Jun 2020 16:02

Tgt Ion:	252	Resp:	765718
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	6.2	5.0	7.6





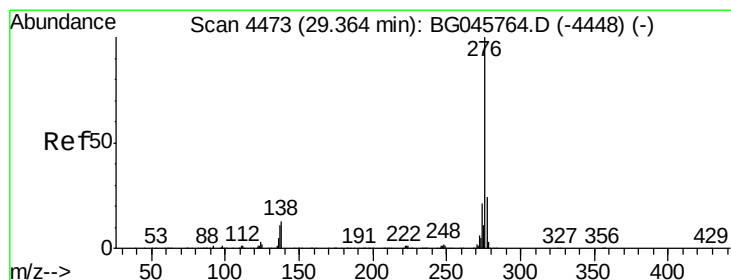
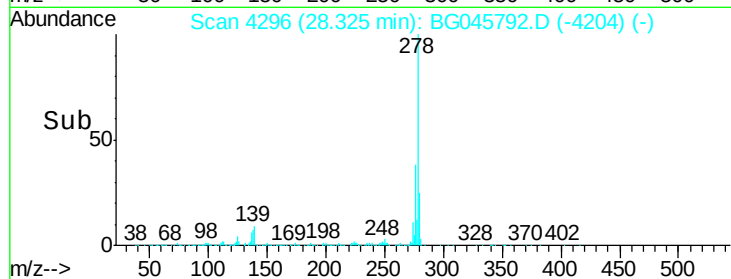
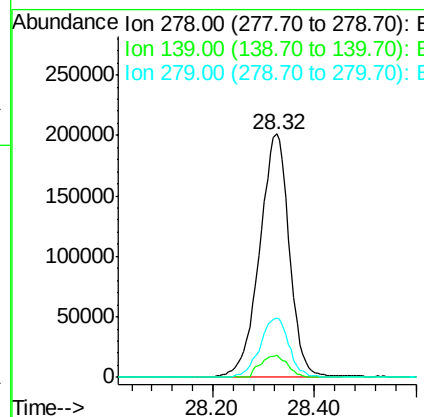
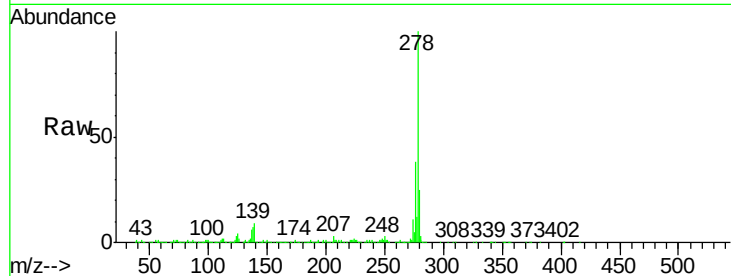
#91
Dibenzo(a,h)anthracene
Concen: 37.212 ng
RT: 28.32 min Scan# 4296
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.3	10.9
279	24.6	19.5	29.3

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#92
Benzo(g,h,i)perylene
Concen: 36.769 ng
RT: 29.37 min Scan# 4474
Delta R.T. 0.01 min
Lab File: BG045792.D
Acq: 17 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	11.5	10.6	15.8

