

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045936.D
 Acq On : 3 Jul 2020 6:47
 Operator : CG/JU
 Sample : L3197-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Manual Integrations
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Sohil
 7/7/2020 8:19:40 AM

Quant Time: Jul 04 00:26:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	47542	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180443	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	131342	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	336133	20.00	ng	0.00
76) Chrysene-d12	21.51	240	335726	20.00	ng	0.00
86) Perylene-d12	24.59	264	350531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	399700	142.02	ng	0.00
7) Phenol-d6	7.07	99	520344	121.55	ng	0.00
23) Nitrobenzene-d5	9.02	82	414709	104.99	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	321239	162.00	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	915907	102.48	ng	0.00
79) Terphenyl-d14	19.89	244	1802094	108.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	52706	40.889	ng	# 35
3) Pyridine	3.70	79	128850	33.733	ng	94
4) n-Nitrosodimethylamine	3.60	42	57436	44.796	ng	96
6) Aniline	7.18	93	164004	32.536	ng	97
8) 2-Chlorophenol	7.43	128	152186	50.518	ng	96
9) Benzaldehyde	6.99	77	57091	22.203	ng	95
10) Phenol	7.09	94	170997	41.224	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	145117	46.060	ng	99
12) 1,3-Dichlorobenzene	7.74	146	166675	46.427	ng	97
13) 1,4-Dichlorobenzene	7.89	146	169074	47.150	ng	97
14) 1,2-Dichlorobenzene	8.21	146	157132	45.772	ng	99
15) Benzyl Alcohol	8.11	79	158851	47.950	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.38	45	141149	47.535	ng	98
17) 2-Methylphenol	8.34	107	135832	44.002	ng	99
18) Hexachloroethane	8.94	117	65412	48.029	ng	100
19) n-Nitroso-di-n-propylamine	8.67	70	137055	48.697	ng	# 98
20) 3+4-Methylphenols	8.67	107	176630	43.507	ng	96
22) Acetophenone	8.68	105	242851	49.035	ng	# 97
24) Nitrobenzene	9.06	77	206752	49.092	ng	99
25) Isophorone	9.58	82	373844	48.890	ng	98
26) 2-Nitrophenol	9.78	139	88156	50.244	ng	96
27) 2,4-Dimethylphenol	9.86	122	141088	52.669	ng	96
28) bis(2-Chloroethoxy)methane	10.07	93	198379	49.667	ng	99
29) 2,4-Dichlorophenol	10.34	162	159257	50.956	ng	94
30) 1,2,4-Trichlorobenzene	10.53	180	175935	47.551	ng	98
31) Naphthalene	10.71	128	477528	48.406	ng	98
32) Benzoic acid	10.06	122	51992	33.307	ng	86
33) 4-Chloroaniline	10.83	127	58089	14.061	ng	96
34) Hexachlorobutadiene	11.00	225	122536	46.568	ng	98
35) Caprolactam	11.60	113	44400m	43.901	ng	
36) 4-Chloro-3-methylphenol	12.00	107	189517	52.519	ng	99
37) 2-Methylnaphthalene	12.33	142	361353	49.191	ng	98
38) 1-Methylnaphthalene	12.54	142	348302	50.104	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	204021	47.175	ng	98

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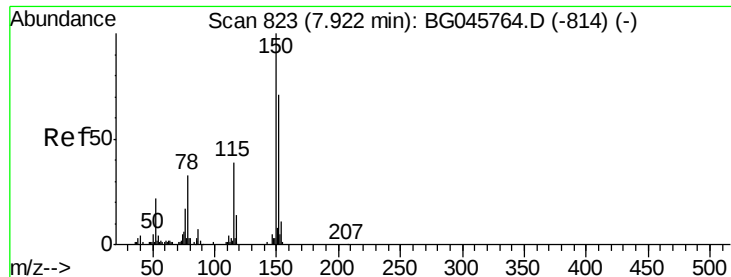
Manual Integrations
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 7/7/2020 8:19:40 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	191092	79.993	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	139939	47.725	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	146918	43.963	ng	96
46) 1,1'-Biphenyl	13.34	154	464464	49.394	ng	99
47) 2-Chloronaphthalene	13.38	162	363948	47.914	ng	99
48) 2-Nitroaniline	13.60	65	129853	51.393	ng	96
49) Acenaphthylene	14.24	152	601758	49.460	ng	98
50) Dimethylphthalate	13.97	163	528004	51.316	ng	99
51) 2,6-Dinitrotoluene	14.09	165	120183	52.005	ng	98
52) Acenaphthene	14.58	154	360013	48.817	ng	98
53) 3-Nitroaniline	14.43	138	77466	33.559	ng	99
54) 2,4-Dinitrophenol	14.64	184	129105	97.931	ng	95
55) Dibenzofuran	14.91	168	595952	49.744	ng	100
56) 4-Nitrophenol	14.79	139	129097	78.156	ng	95
57) 2,4-Dinitrotoluene	14.89	165	174576	52.724	ng	97
58) Fluorene	15.56	166	508812	51.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	139564	48.117	ng	99
60) Diethylphthalate	15.34	149	561252	53.359	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	279418	48.664	ng	99
62) 4-Nitroaniline	15.60	138	122673	51.782	ng	95
63) Azobenzene	15.85	77	537258	53.196	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	107161	51.587	ng	97
66) n-Nitrosodiphenylamine	15.77	169	456359	47.934	ng	97
67) 4-Bromophenyl-phenylether	16.45	248	197324	45.179	ng	94
68) Hexachlorobenzene	16.58	284	221821	48.978	ng	99
69) Atrazine	16.73	200	185186	50.126	ng	97
70) Pentachlorophenol	16.93	266	164213	74.138	ng	98
71) Phenanthrene	17.31	178	860282	49.625	ng	100
72) Anthracene	17.40	178	876899	50.797	ng	98
73) Carbazole	17.67	167	829432	50.461	ng	99
74) Di-n-butylphthalate	18.23	149	1011573	51.976	ng	99
75) Fluoranthene	19.32	202	1120505	52.564	ng	99
77) Benzidine	19.50	184	77161	8.841	ng	99
78) Pyrene	19.68	202	1110405	49.392	ng	99
80) Butylbenzylphthalate	20.57	149	467146	49.643	ng	98
81) Benzo(a)anthracene	21.50	228	1071136	49.210	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	296882	36.059	ng	98
83) Chrysene	21.56	228	1033213	49.077	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	656973	50.192	ng	99
85) Di-n-octyl phthalate	22.57	149	1128751	49.994	ng	100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1354529	53.303	ng	99
88) Benzo(b)fluoranthene	23.62	252	1147138	52.195	ng	99
89) Benzo(k)fluoranthene	23.69	252	1126442	53.551	ng	100
90) Benzo(a)pyrene	24.45	252	1068764	52.057	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1105135	54.232	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1084842	53.187	ng	98

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



#1

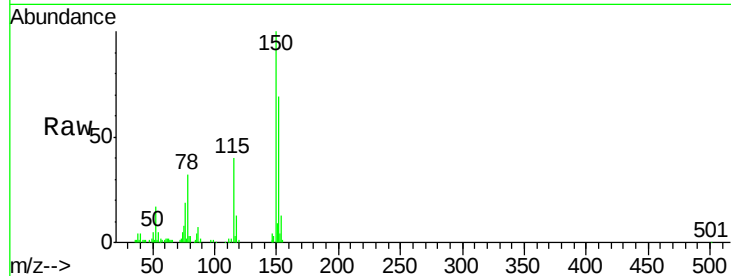
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	124.5	186.7
115	57.3	45.8	68.8

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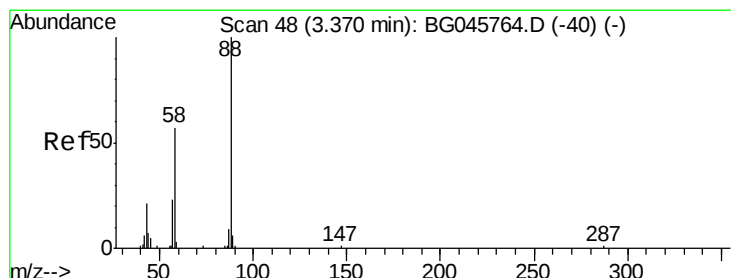
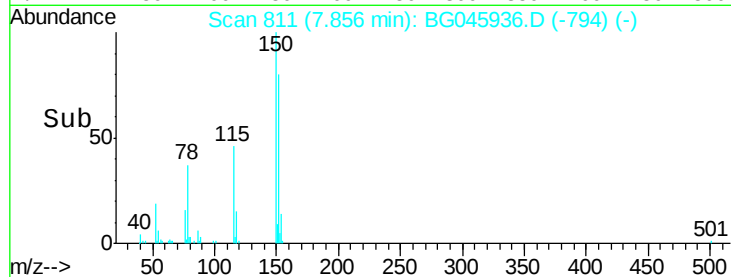
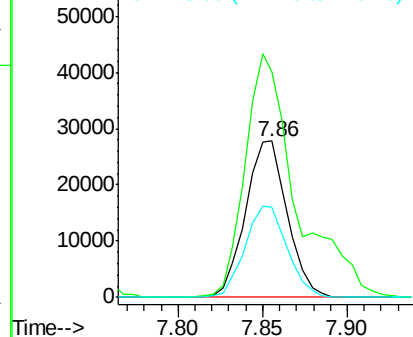


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

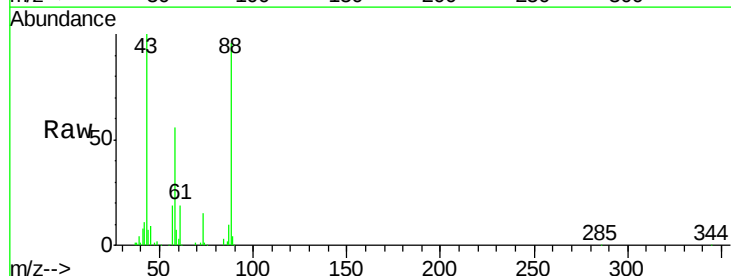
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.889 ng
RT: 3.29 min Scan# 33
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	47.1	70.7
43	128.9	19.4	29.2

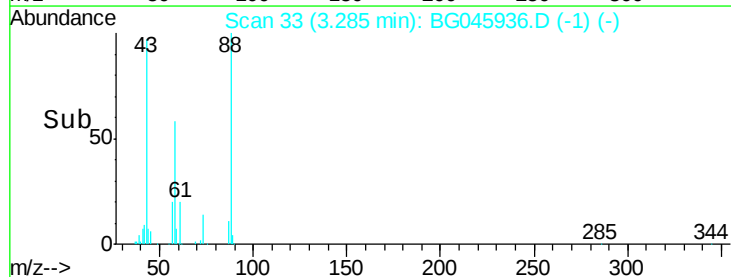
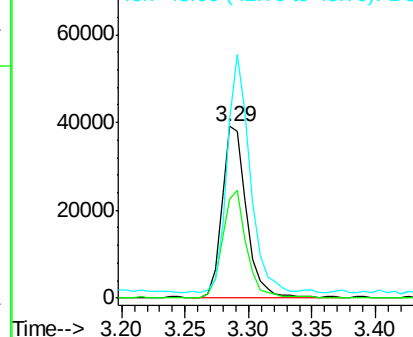


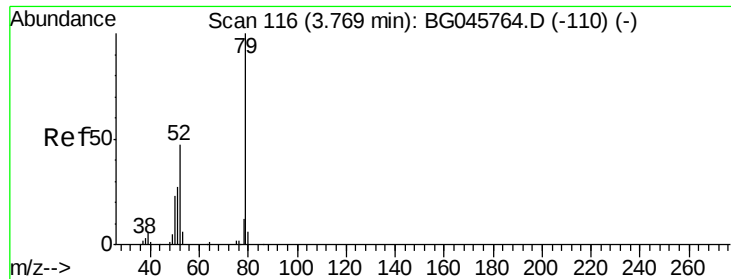
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





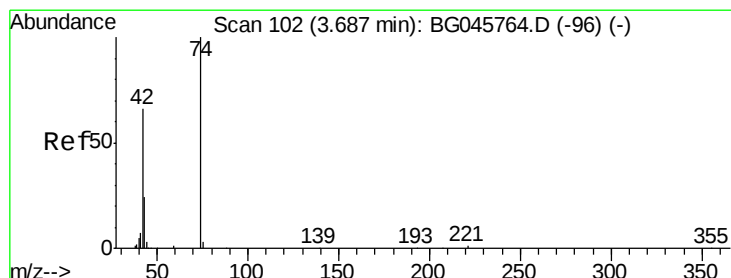
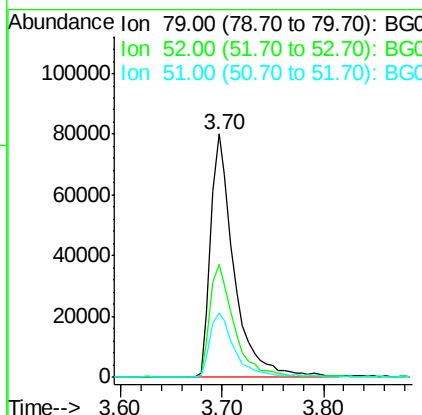
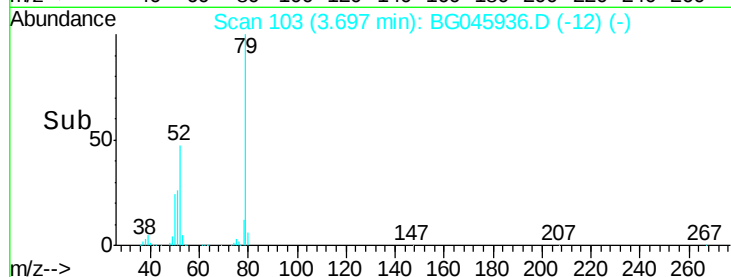
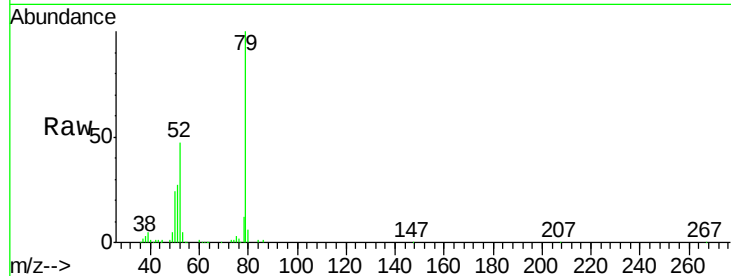
#3
 Pvridine
 Concen: 33.733 ng
 RT: 3.70 min Scan# 103
 Delta R.T. 0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion	79	Resp	128850
Ion Ratio	Lower	Upper	
79	100		
52	46.7	41.0	61.4
51	26.5	23.0	34.4

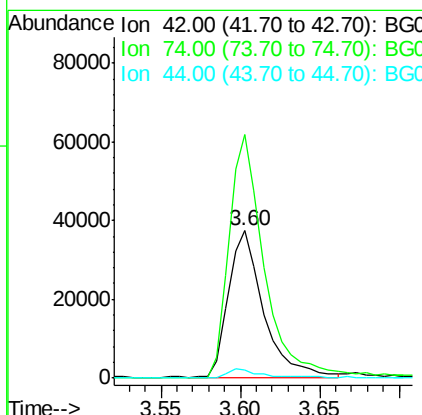
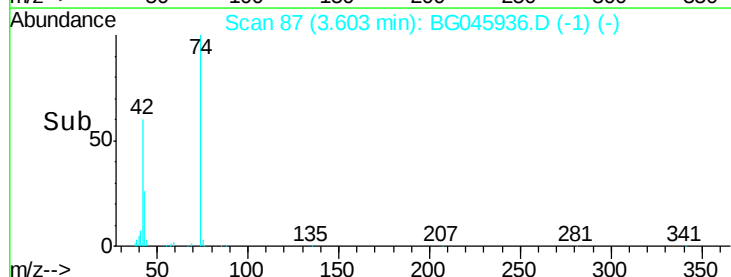
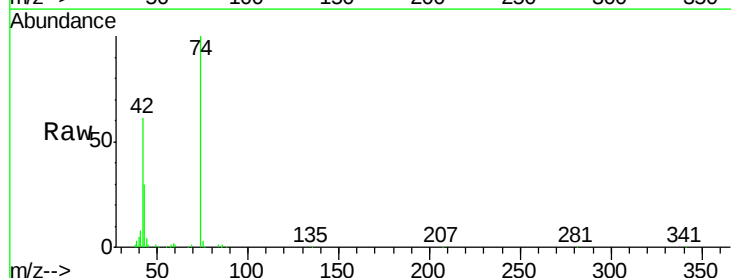
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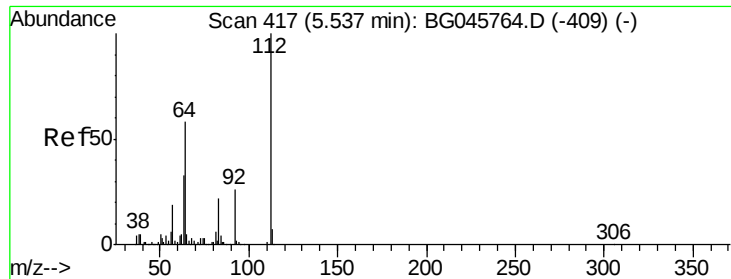
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#4
 n-Nitrosodimethylamine
 Concen: 44.796 ng
 RT: 3.60 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	42	Resp	57436
Ion Ratio	Lower	Upper	
42	100		
74	165.0	127.8	191.6
44	5.9	4.1	6.1





#5

2-Fluorophenol

Concen: 142.019 ng

RT: 5.45 min Scan# 401

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

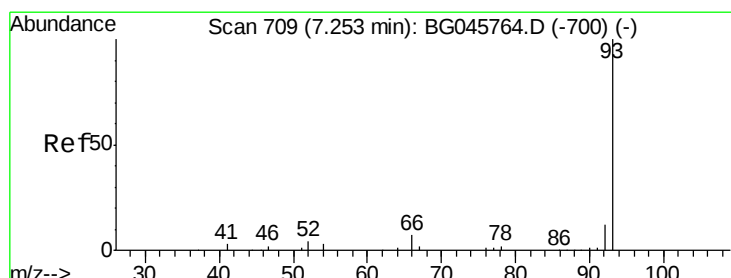
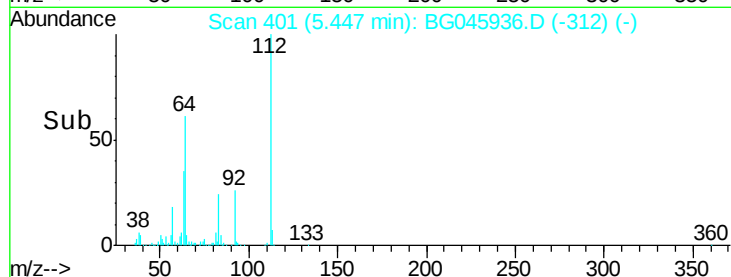
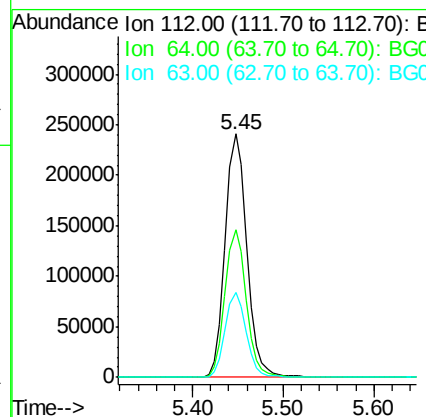
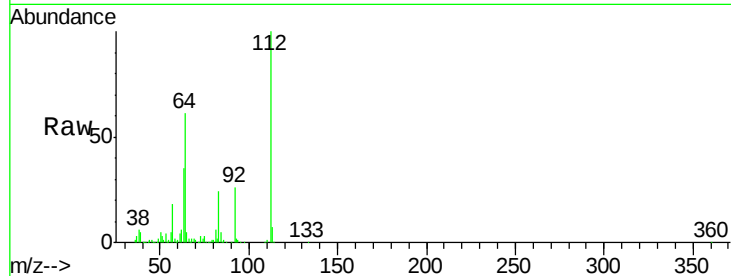
ClientSampleId :

MH-1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	399700		
64	60.9	44.9	67.3	
63	35.1	26.9	40.3	

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#6

Aniline

Concen: 32.536 ng

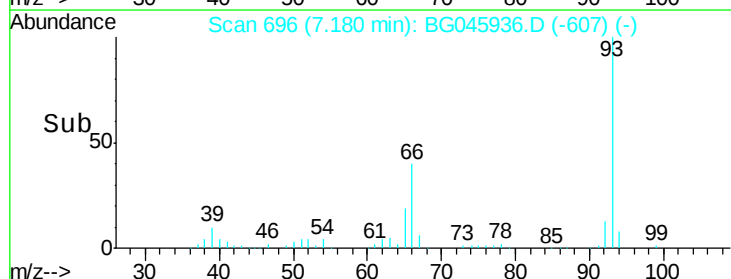
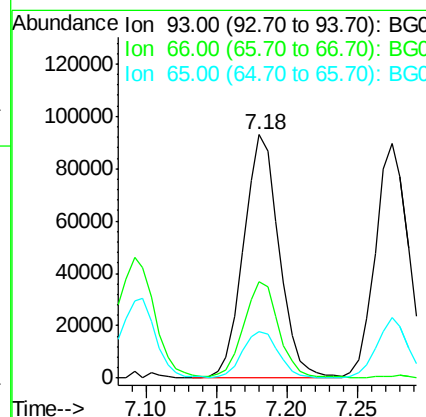
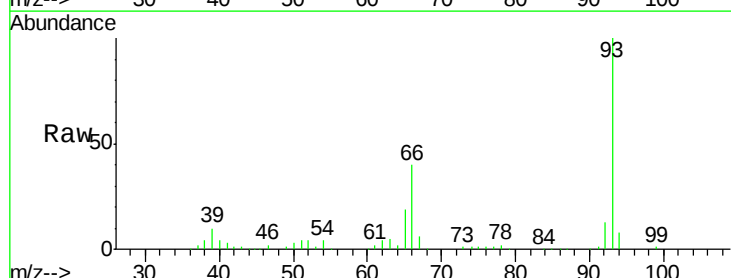
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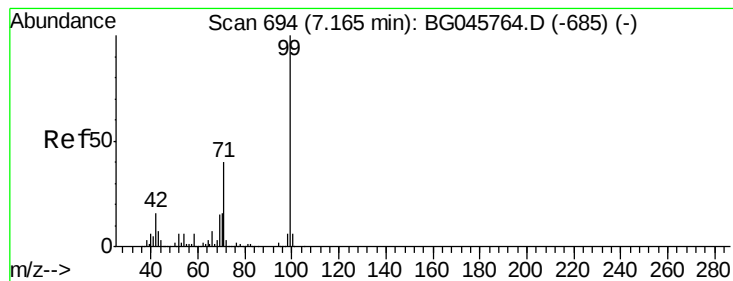
Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164004		
66	39.8	30.4	45.6	
65	19.1	16.2	24.2	





#7

Phenol-d6

Concen: 121.548 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

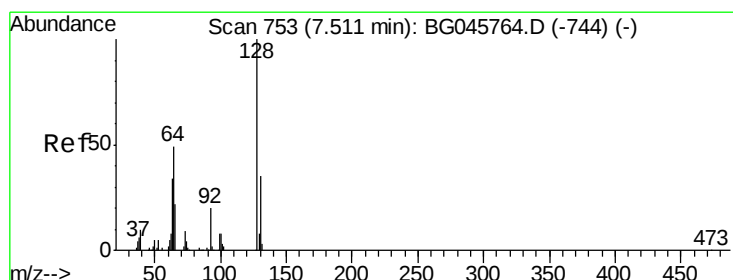
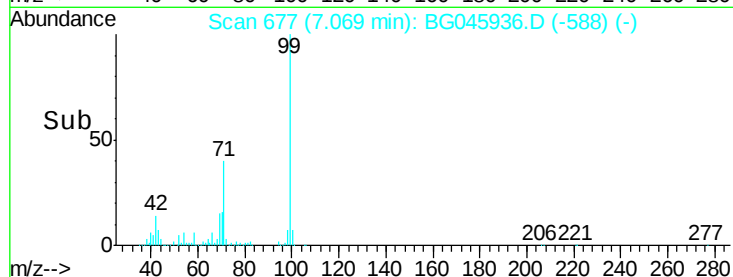
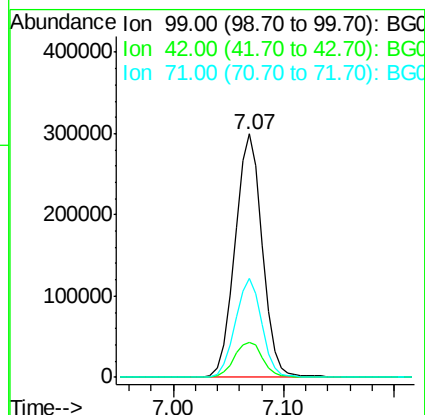
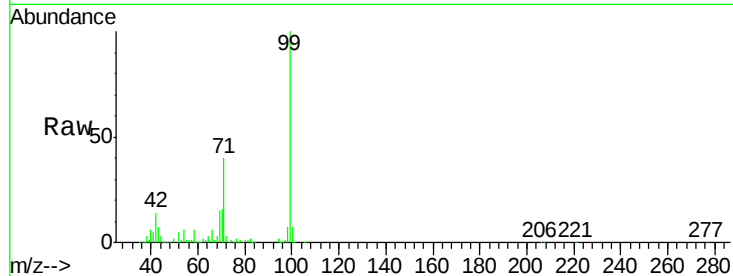
ClientSampleId :

MH-1-COMPMSD

Tot Ion:	99	Resp:	520344
Ion Ratio	Lower	Upper	
99	100		
42	14.4	11.8	17.8
71	40.5	31.0	46.6

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#8

2-Chlorophenol

Concen: 50.518 ng

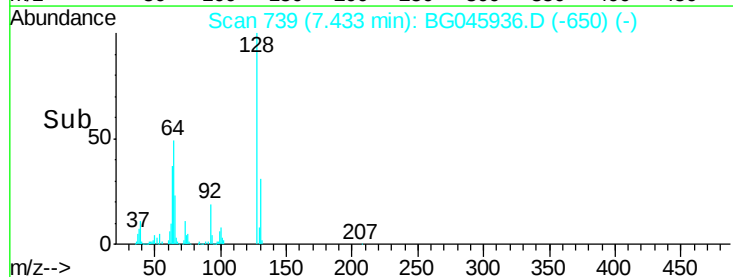
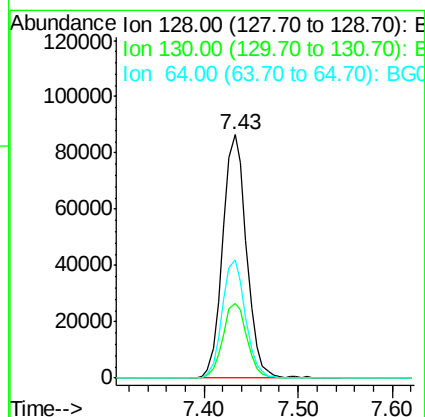
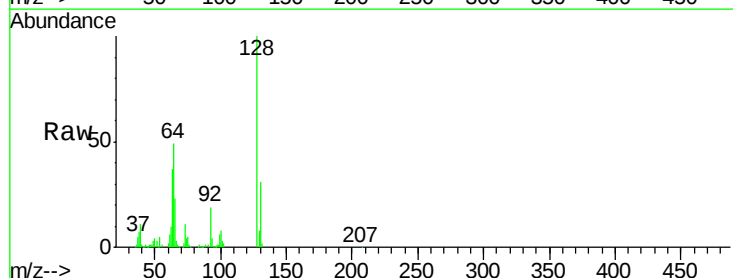
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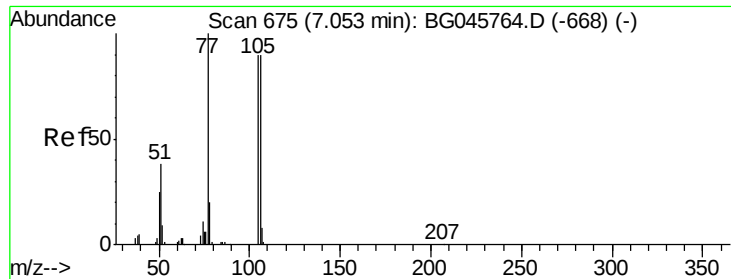
Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:	128	Resp:	152186
Ion Ratio	Lower	Upper	
128	100		
130	30.8	13.7	53.7
64	48.7	26.7	66.7





#9

Benzaldehyde

Concen: 22.203 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

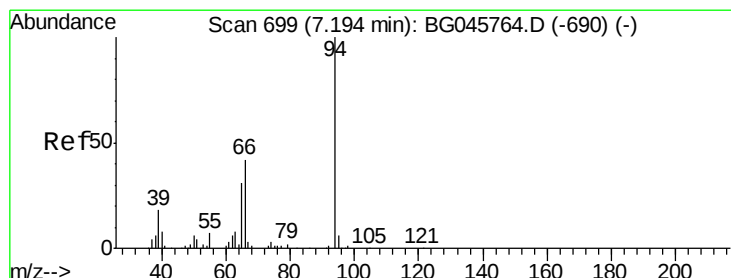
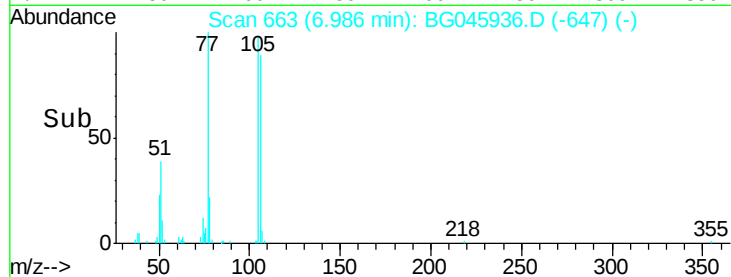
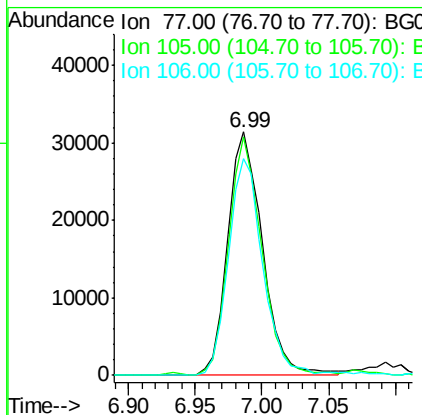
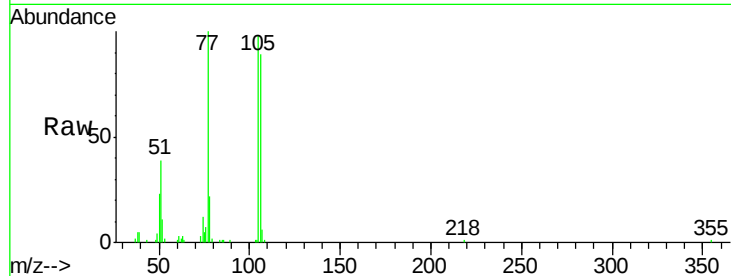
ClientSampleId :

MH-1-COMPMSD

Tot Ion:	77	Resp:	57091
Ion Ratio	Lower	Upper	
77	100		
105	97.8	69.6	109.6
106	89.2	69.9	109.9

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#10

Phenol

Concen: 41.224 ng

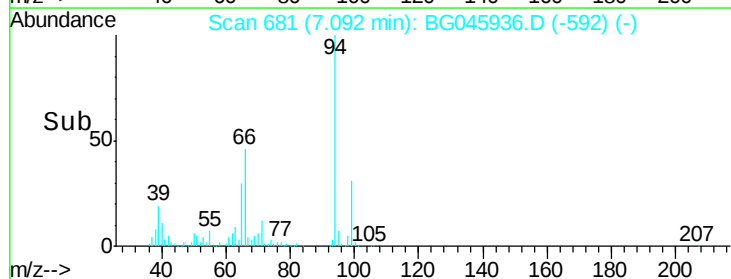
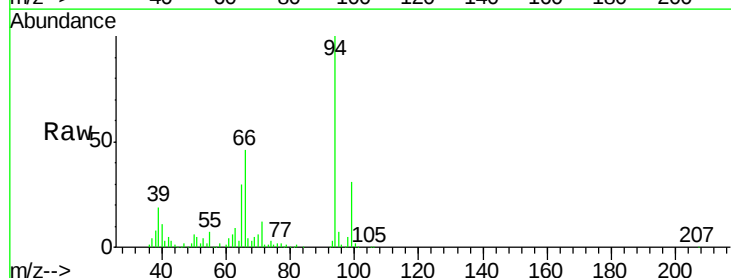
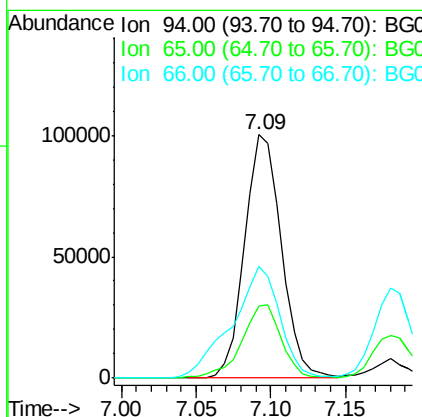
RT: 7.09 min Scan# 681

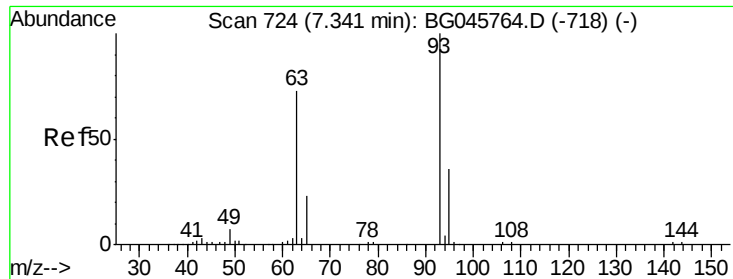
Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:	94	Resp:	170997
Ion Ratio	Lower	Upper	
94	100		
65	29.5	9.4	49.4
66	45.9	24.6	64.6





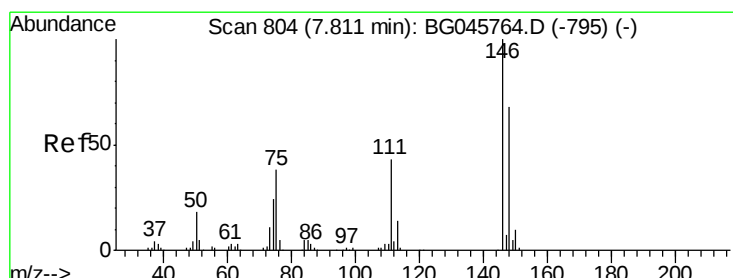
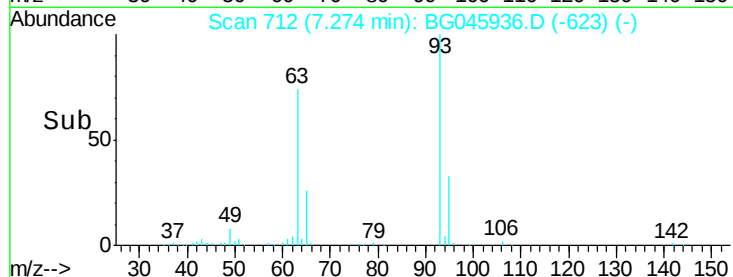
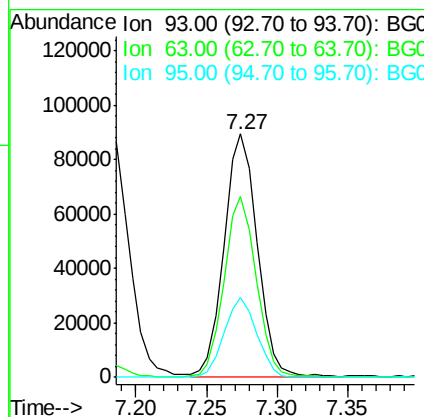
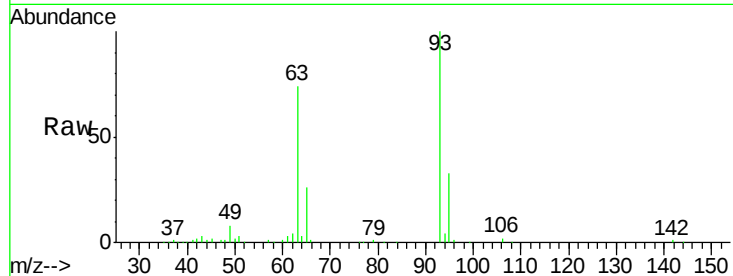
#11
bis(2-Chloroethyl)ether
Concen: 46.060 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	145117		
63	74.2	52.8	92.8	
95	32.8	13.0	53.0	

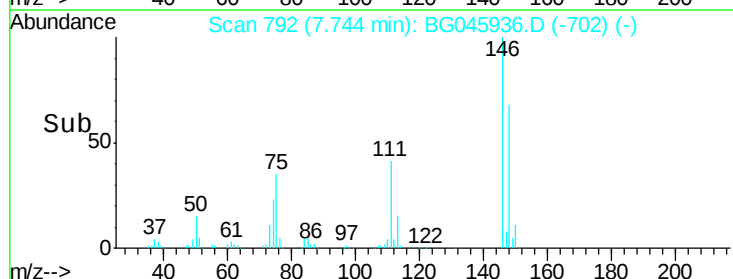
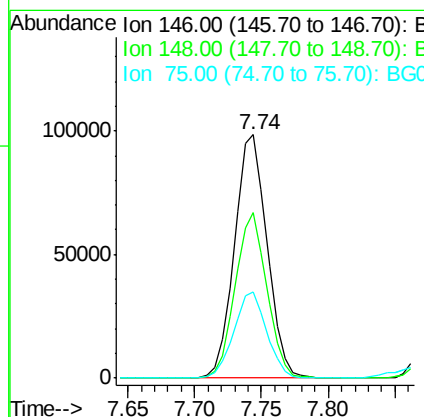
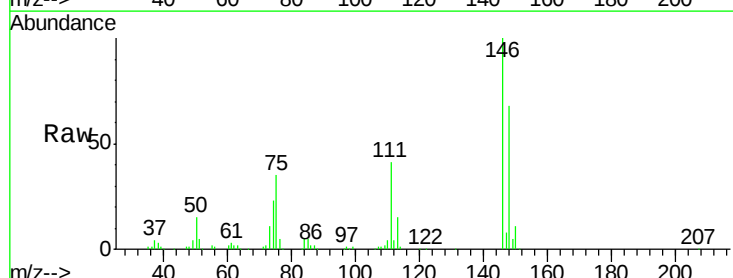
Manual Integrations
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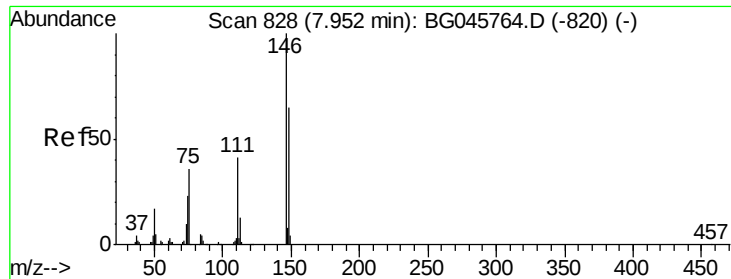
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#12
1,3-Dichlorobenzene
Concen: 46.427 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166675		
148	67.8	55.1	82.7	
75	35.4	31.4	47.0	





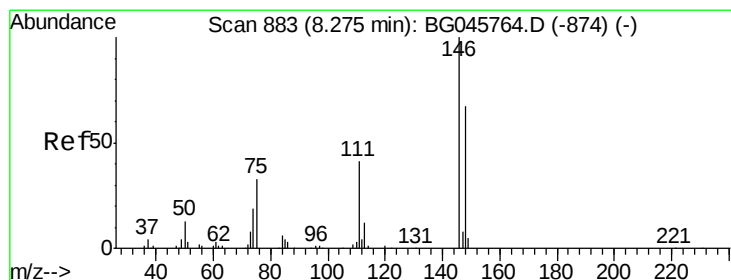
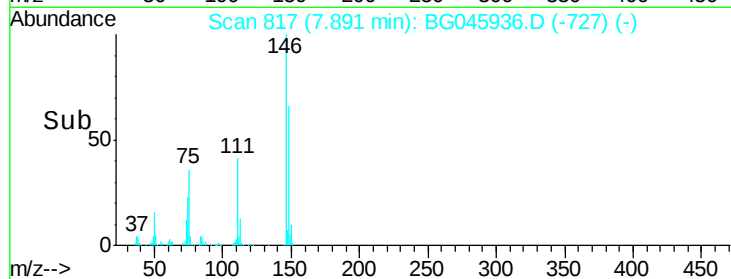
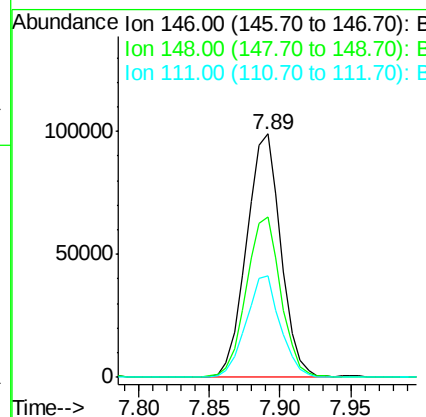
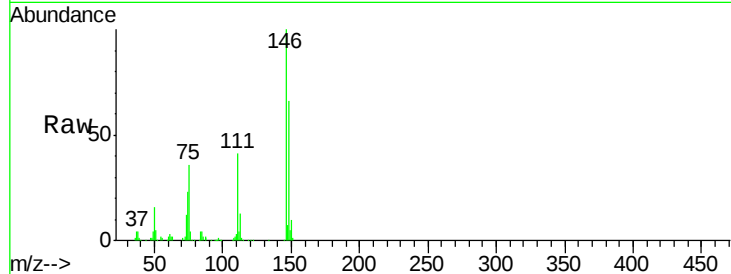
#13
 1,4-Dichlorobenzene
 Concen: 47.150 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampled :
 MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.2	81.4
111	41.5	35.1	52.7

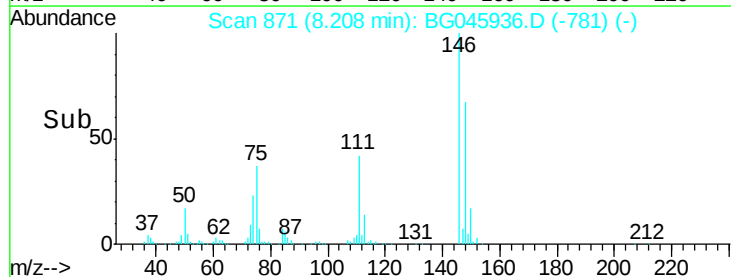
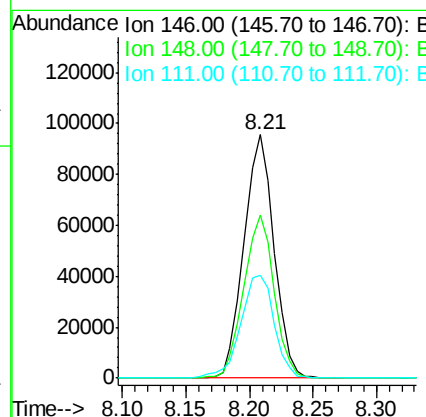
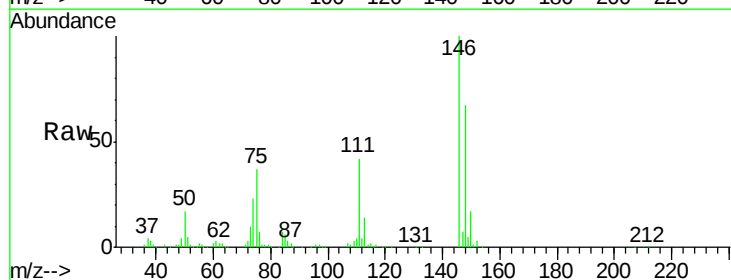
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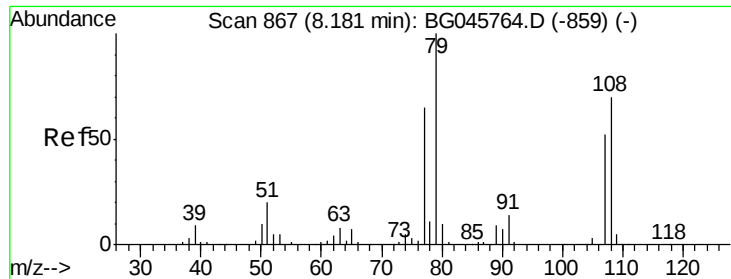
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#14
 1,2-Dichlorobenzene
 Concen: 45.772 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.3	79.9
111	42.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 47.950 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

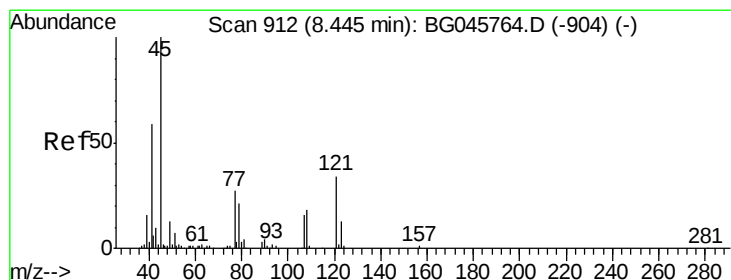
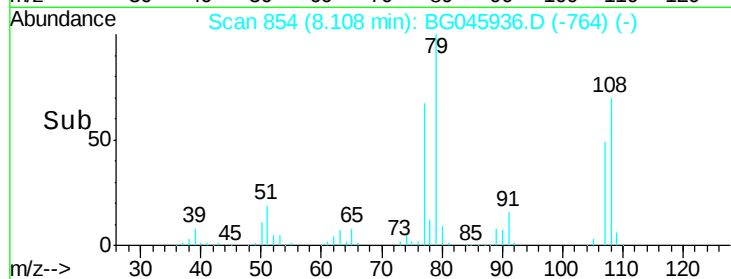
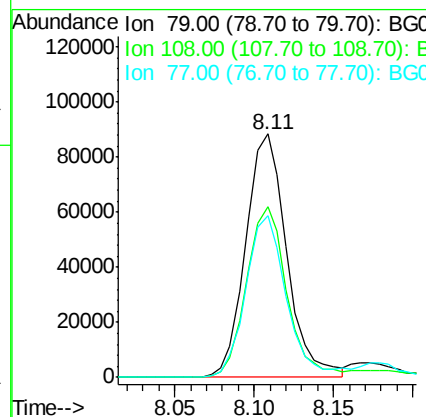
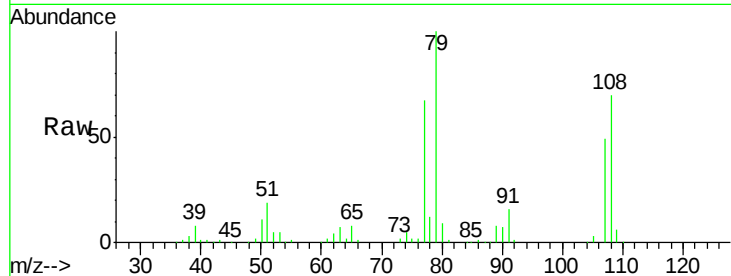
ClientSampleId :

MH-1-COMPMSSD

Tot Ion:	79	Resp:	158851
Ion	Ratio	Lower	Upper
79	100		
108	70.2	50.7	76.1
77	66.6	50.4	75.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.535 ng

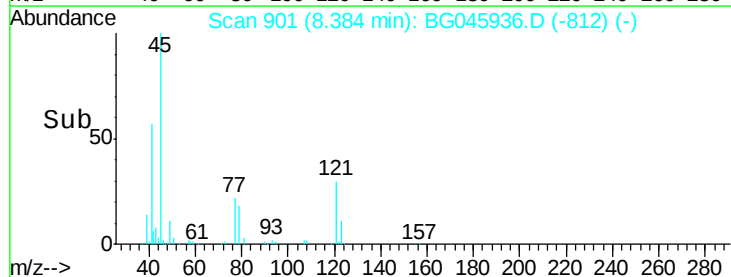
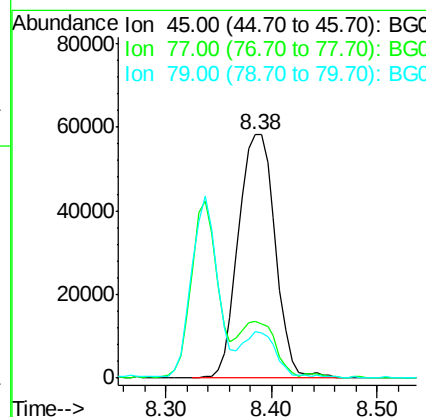
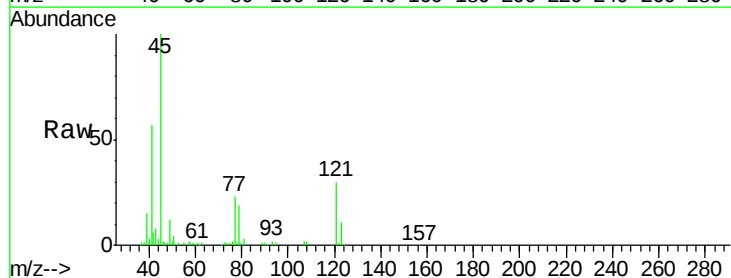
RT: 8.38 min Scan# 901

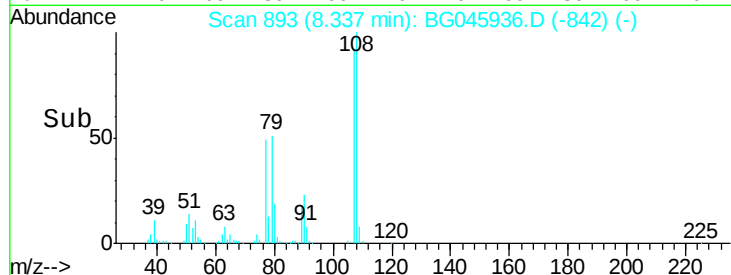
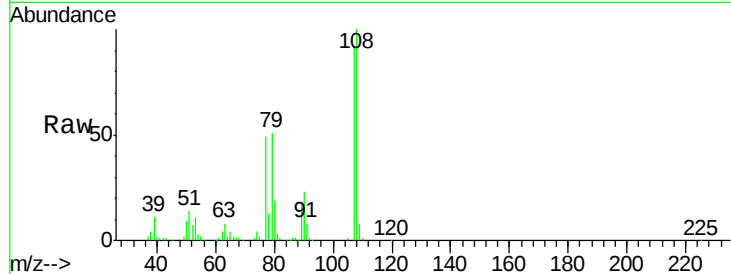
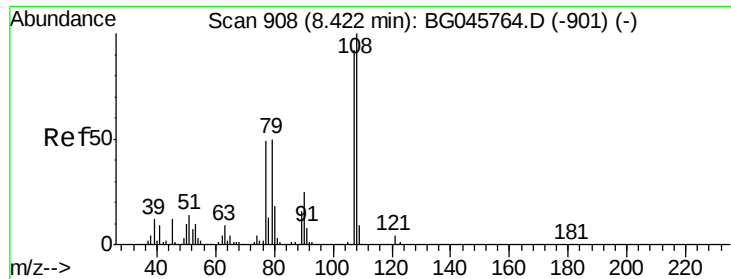
Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:	45	Resp:	141149
Ion	Ratio	Lower	Upper
45	100		
77	23.1	4.1	44.1
79	19.1	0.0	38.0





#17

2-Methylphenol

Concen: 44.002 ng

RT: 8.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tot Ion	107	Resp	135832
Ion Ratio	Lower	Upper	
107	100		
108	109.3	87.1	130.7
77	53.8	43.7	65.5
79	55.5	42.5	63.7

Instrument :

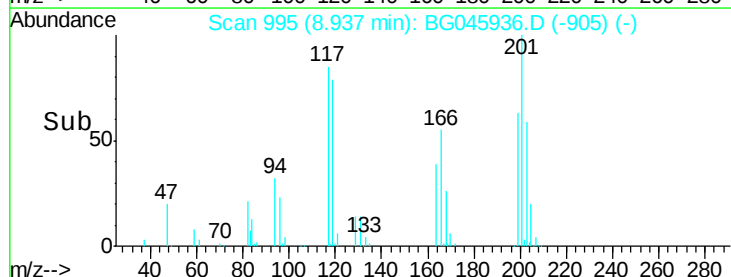
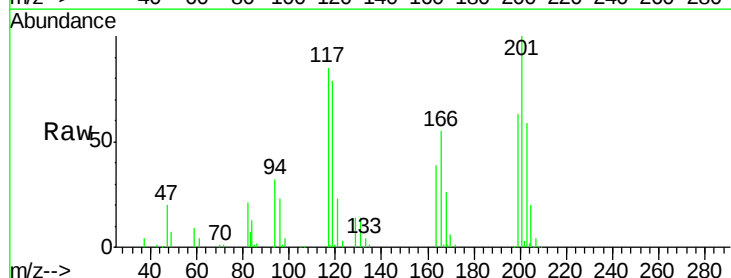
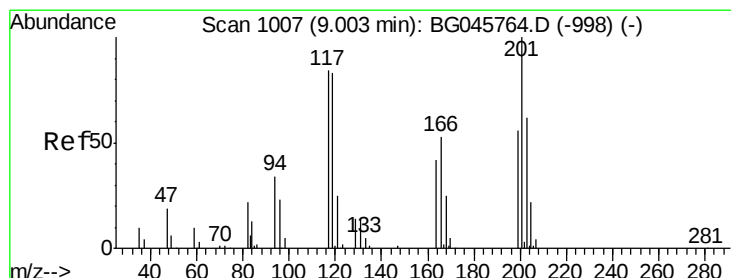
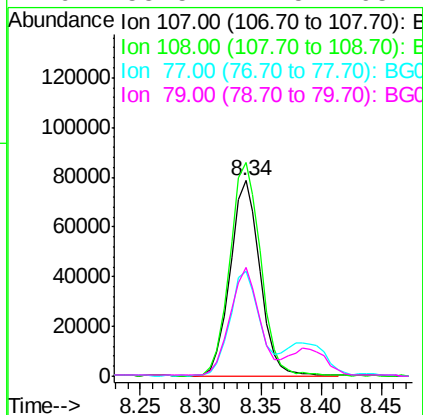
BNA_G

ClientSampleId :

MH-1-COMPMSD

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#18

Hexachloroethane

Concen: 48.029 ng

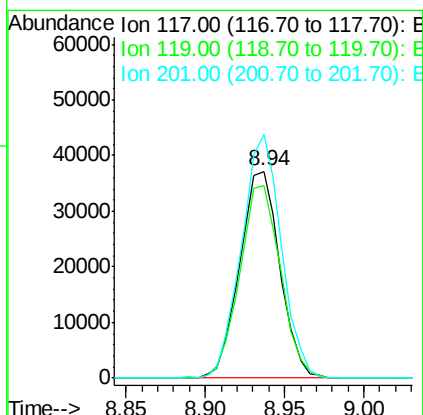
RT: 8.94 min Scan# 995

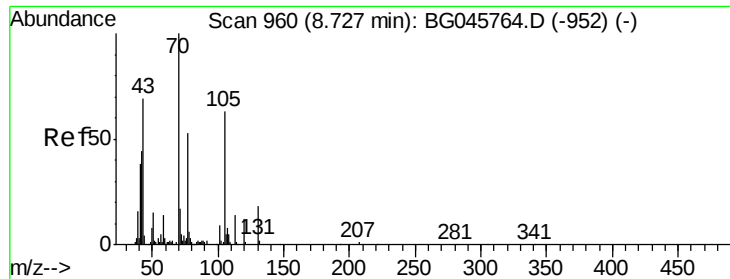
Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion	117	Resp	65412
Ion Ratio	Lower	Upper	
117	100		
119	93.0	74.6	111.8
201	117.7	94.6	141.8





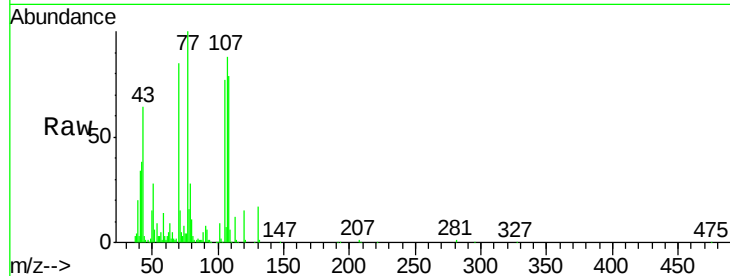
#19
n-Nitroso-di-n-propylamine
Concen: 48.697 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.6	35.6	53.4
101	10.4	6.6	10.0
130	20.0	14.8	22.2

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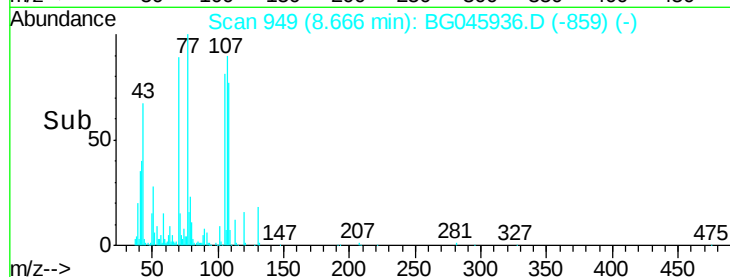
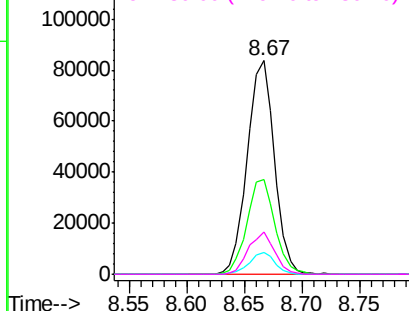
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.507 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.4	109.4
77	113.2	101.0	141.0
79	32.2	14.4	54.4

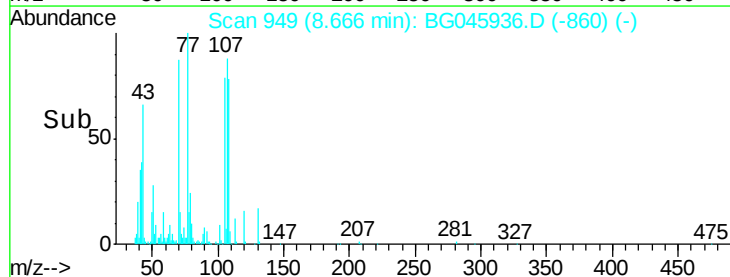
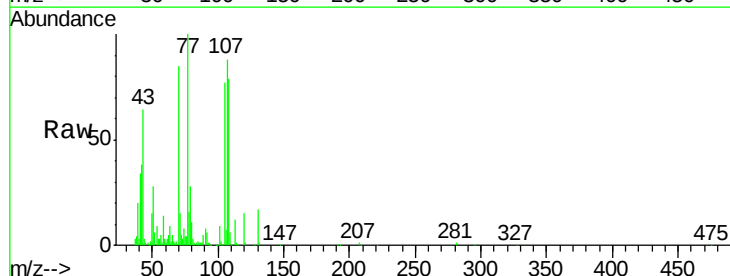
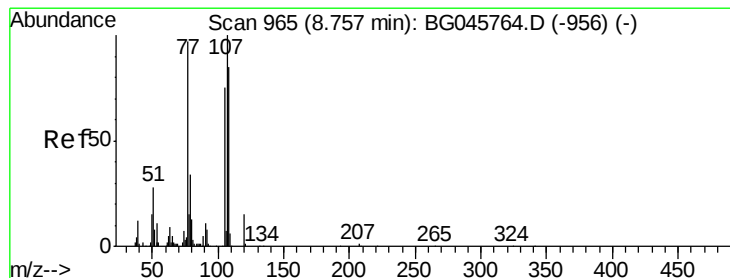
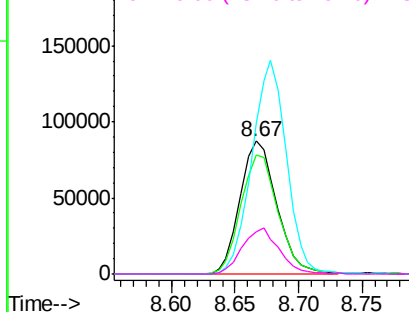
Abundance

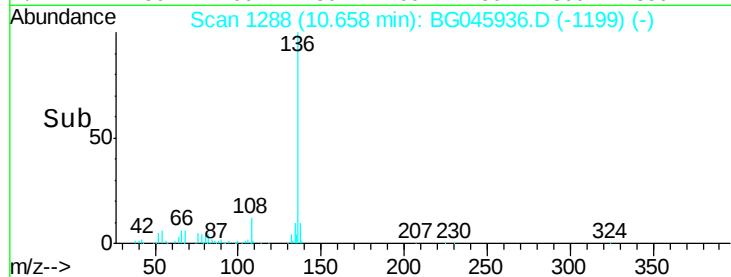
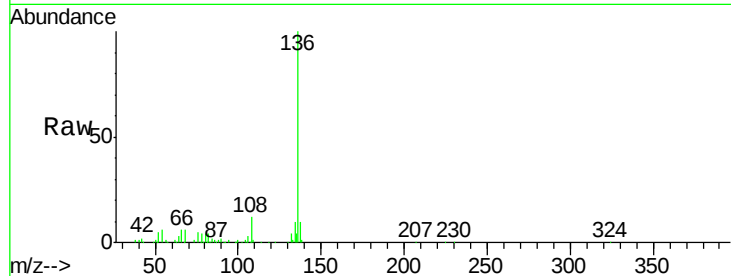
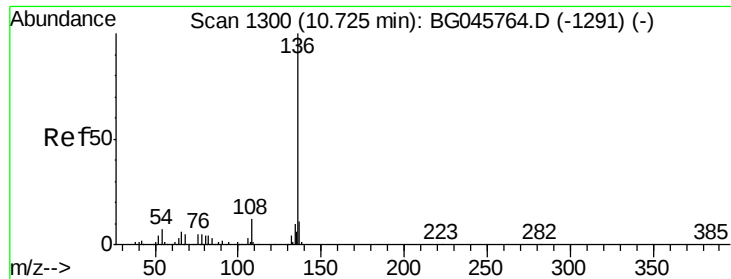
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





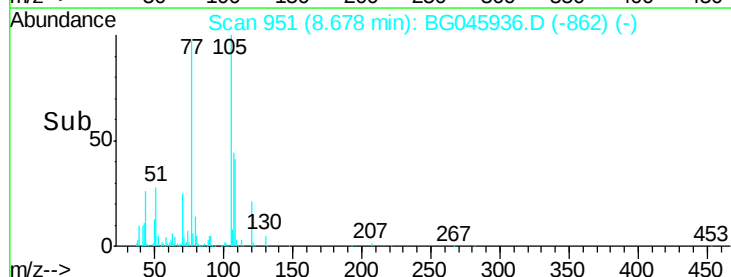
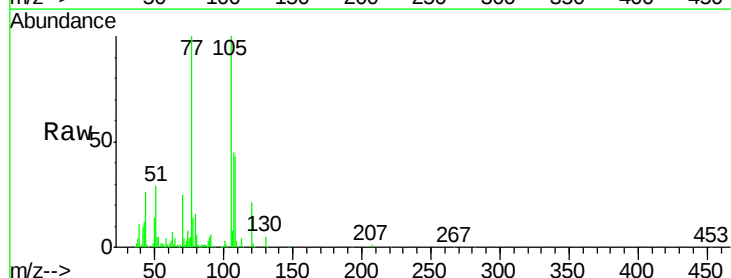
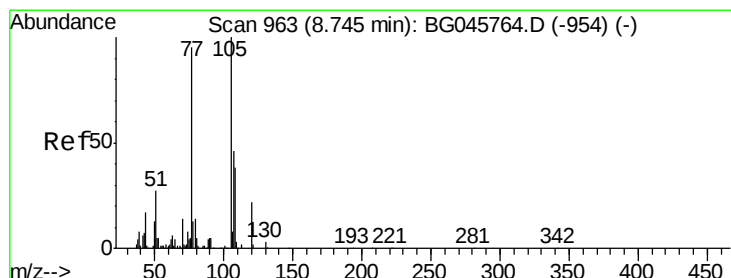
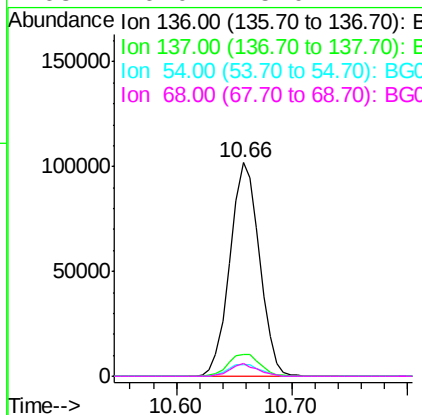
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.2	8.2	12.4		
54	5.7	4.6	7.0		
68	6.0	5.0	7.4		

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

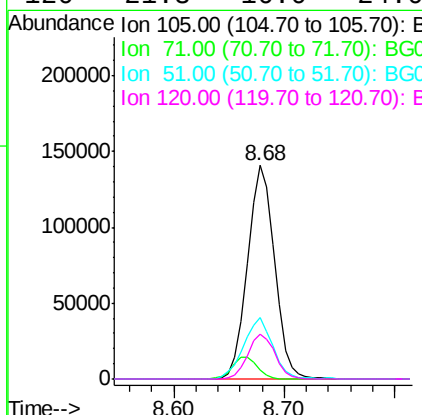
Manual Integrations
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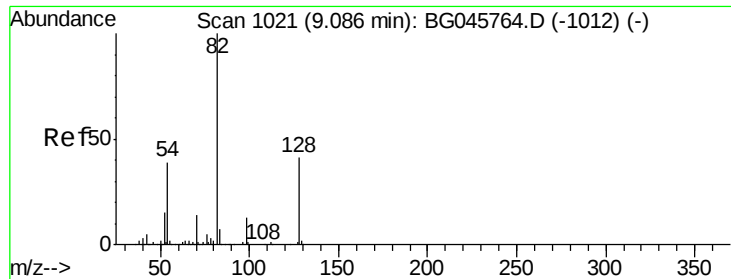
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#22
Acetophenone
Concen: 49.035 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.3	2.2	3.4#		
51	29.0	24.4	36.6		
120	21.3	16.0	24.0		





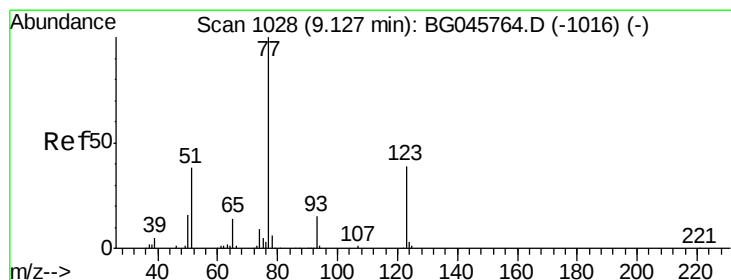
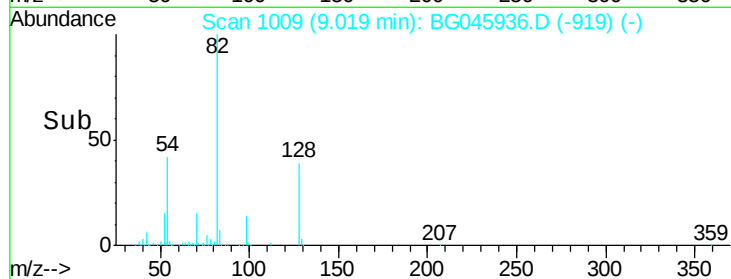
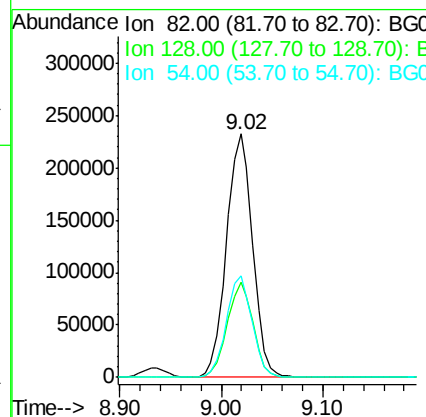
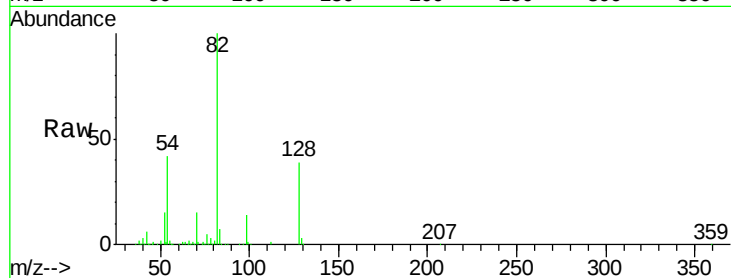
#23
 Nitrobenzene-d5
 Concen: 104.993 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion	82	Resp	414709
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.9	44.9
54	41.6	33.3	49.9

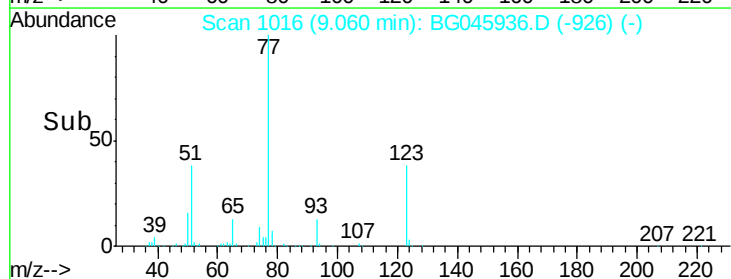
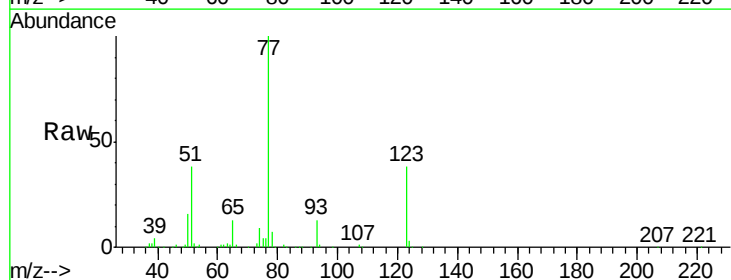
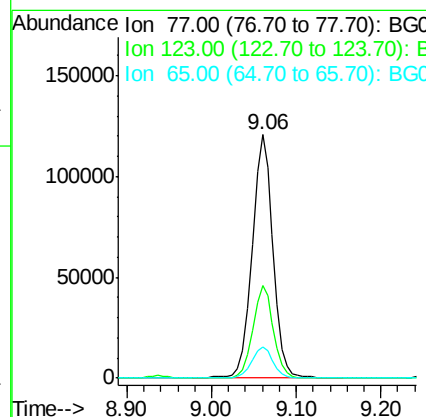
Manual Integrations
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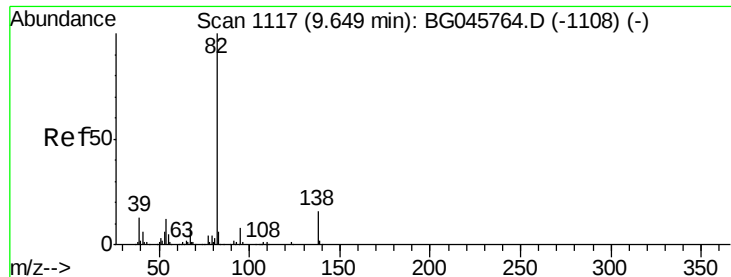
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#24
 Nitrobenzene
 Concen: 49.092 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	77	Resp	206752
Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.3	45.5
65	12.6	11.0	16.6





#25

Isophorone

Concen: 48.890 ng

RT: 9.58 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

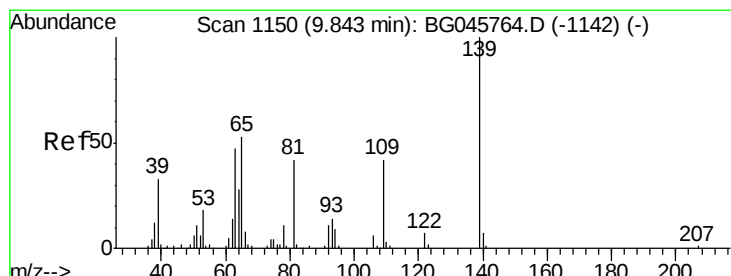
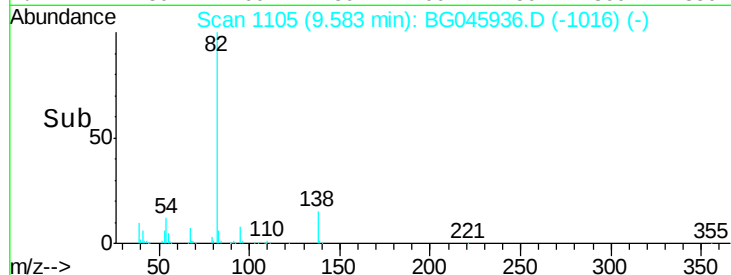
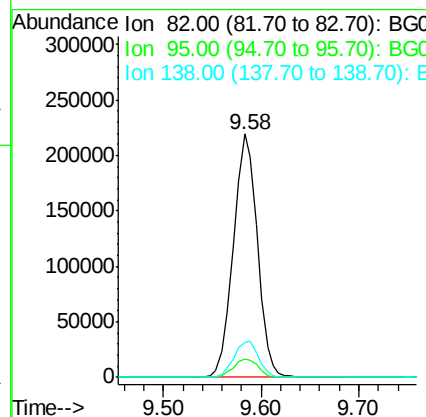
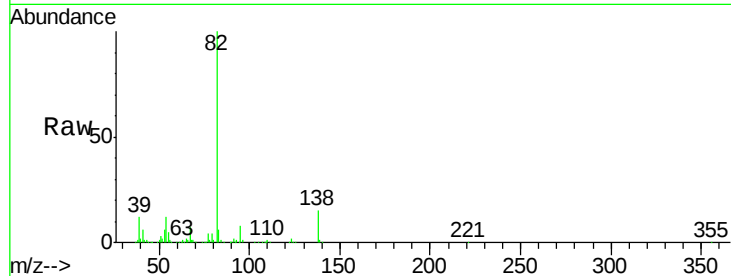
ClientSampleId :

MH-1-COMPMSD

Tot Ion:	82	Resp:	373844
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.4	9.6
138	14.5	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.244 ng

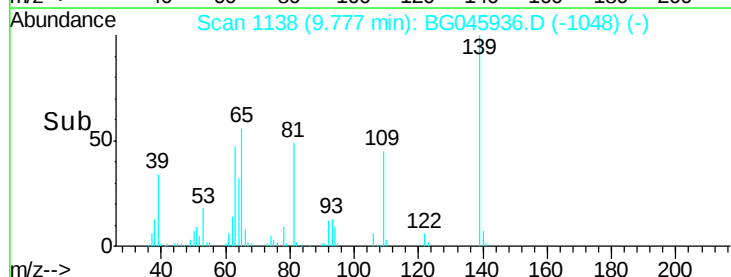
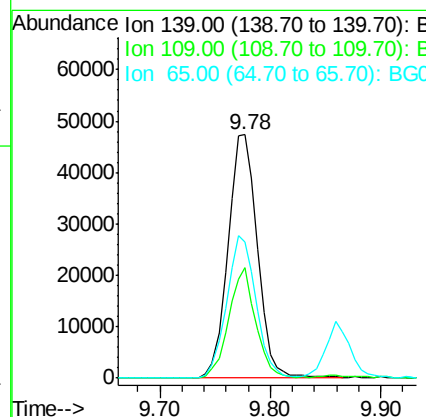
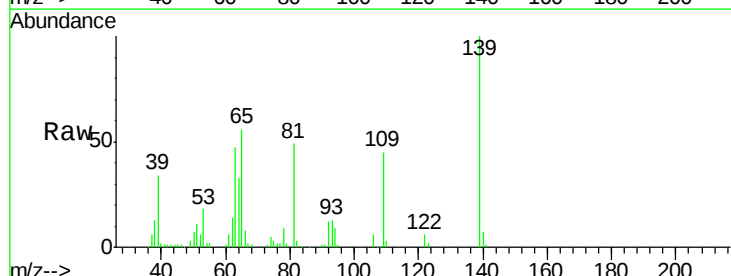
RT: 9.78 min Scan# 1138

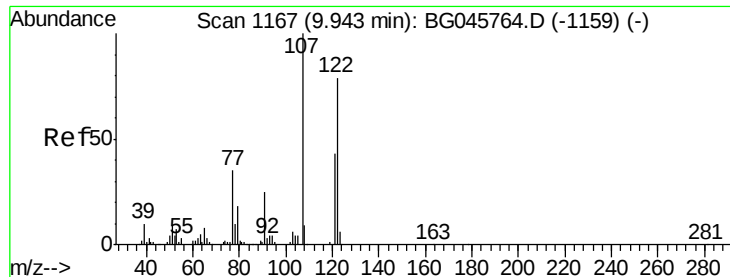
Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:	139	Resp:	88156
Ion Ratio	Lower	Upper	
139	100		
109	45.2	34.2	51.4
65	56.2	47.6	71.4





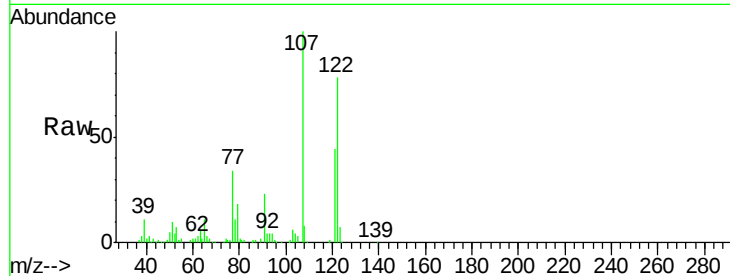
#27
 2,4-Dimethylphenol
 Concen: 52.669 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

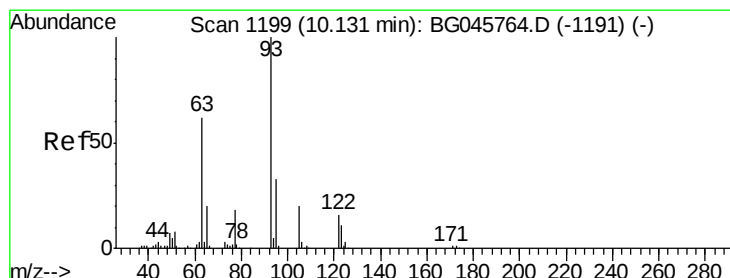
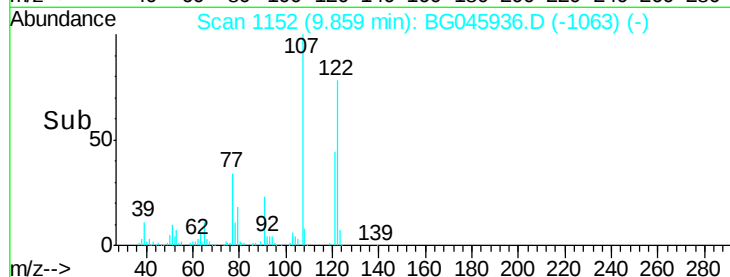
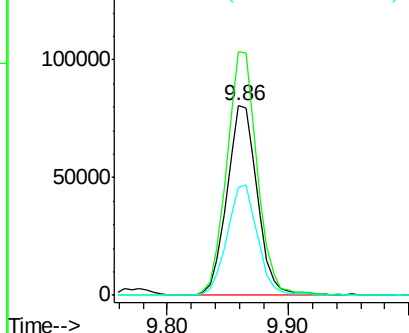
Tot Ion	Ratio	Lower	Upper
122	100		
107	128.6	106.1	159.1
121	56.9	49.0	73.6

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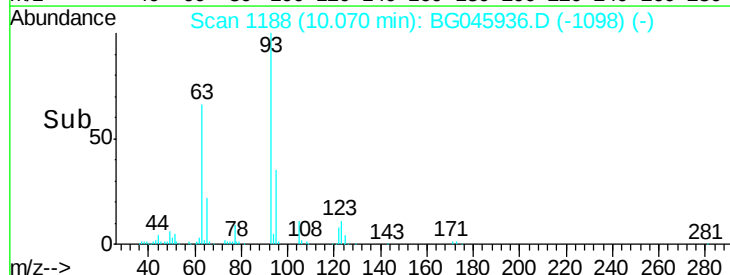
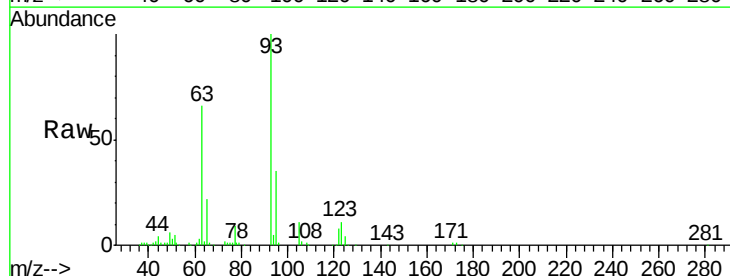
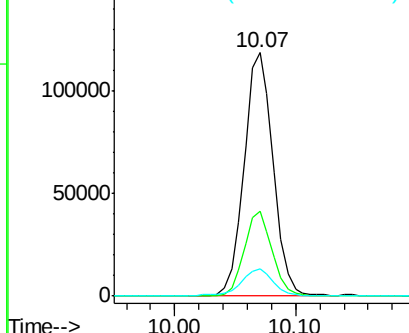
Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.667 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.7	28.2	42.2
123	11.3	9.2	13.8

Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.956 ng

RT: 10.34 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

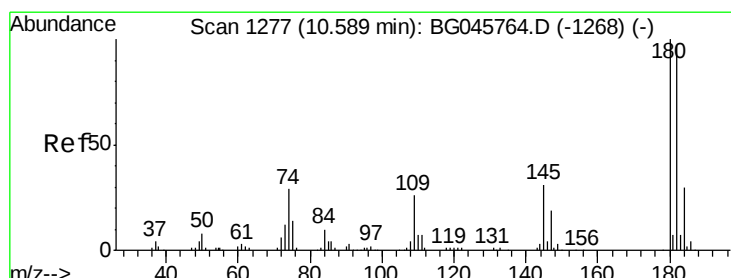
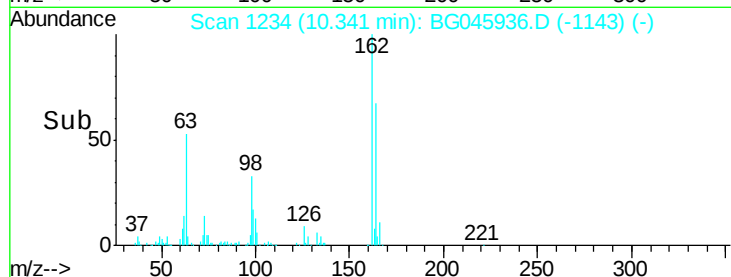
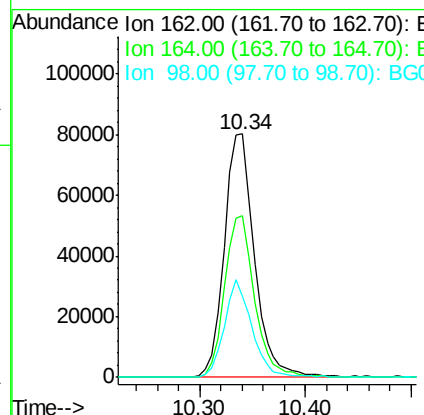
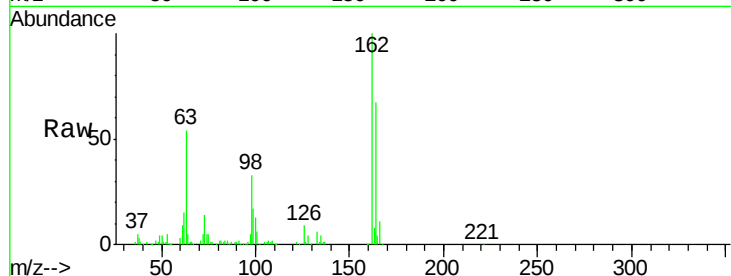
ClientSampleId :

MH-1-COMPMSD

Tot Ion:	162	Resp:	159257
Ion Ratio	Lower	Upper	
162	100		
164	66.6	41.9	81.9
98	33.2	17.1	57.1

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#30

1,2,4-Trichlorobenzene

Concen: 47.551 ng

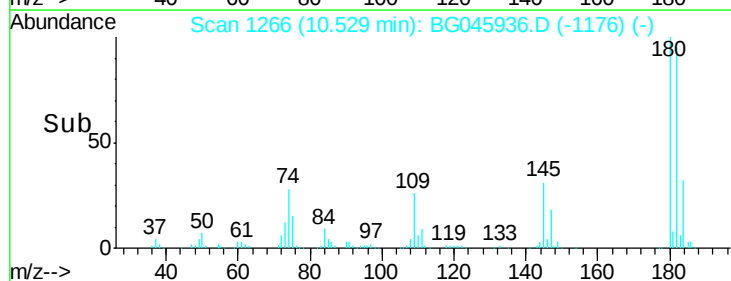
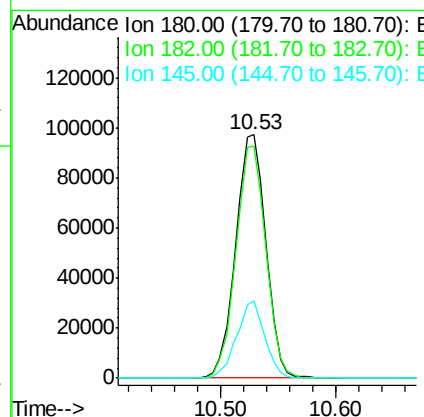
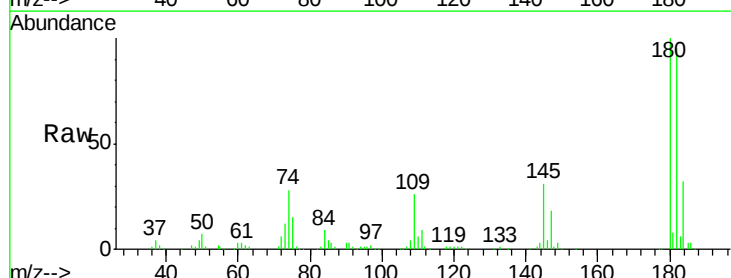
RT: 10.53 min Scan# 1266

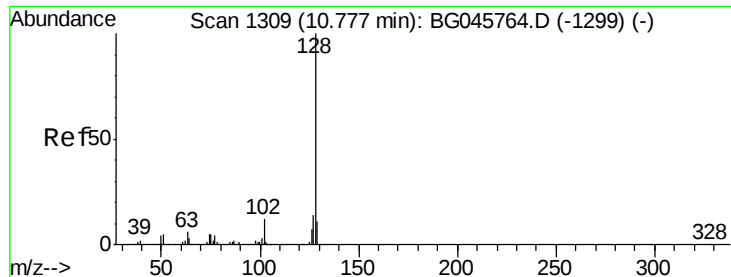
Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:	180	Resp:	175935
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.8	113.6
145	31.5	22.7	34.1





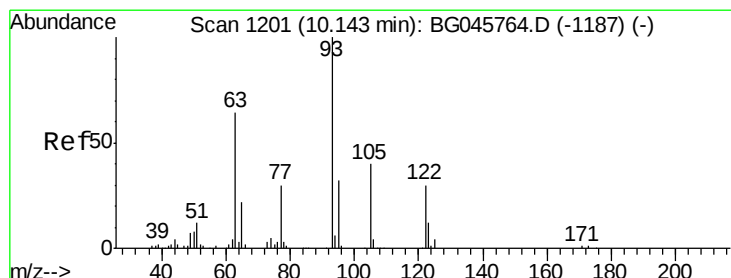
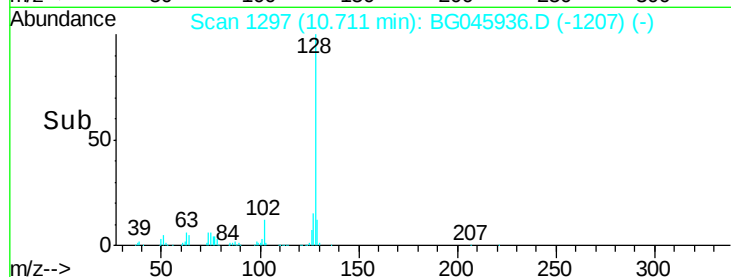
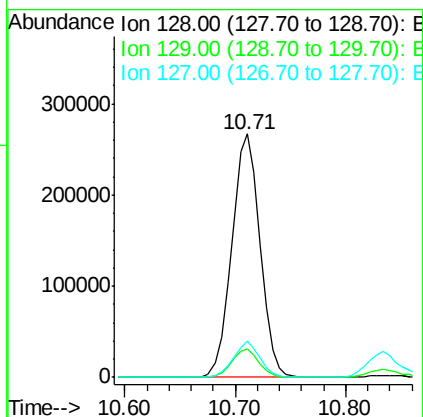
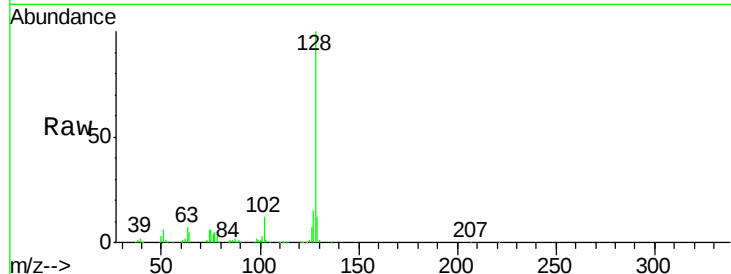
#31
Naphthalene
Concen: 48.406 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	14.8	10.8	16.2

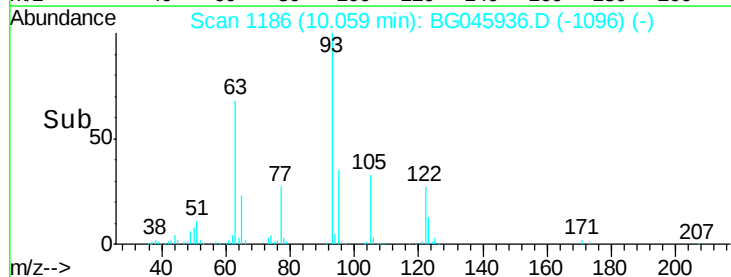
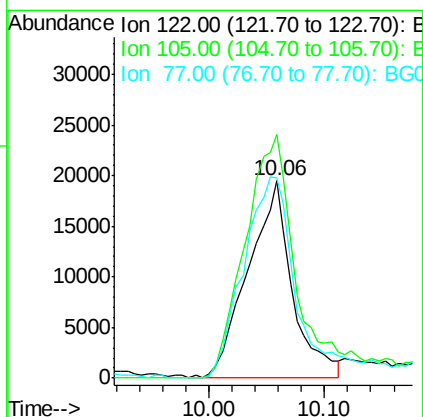
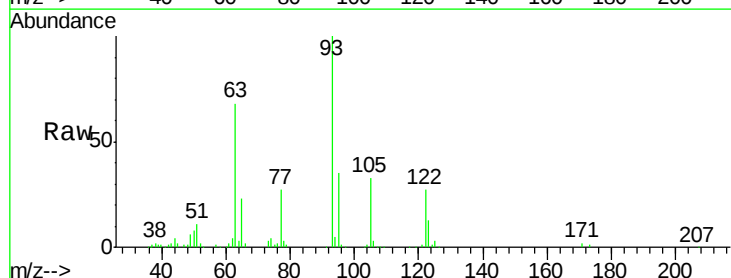
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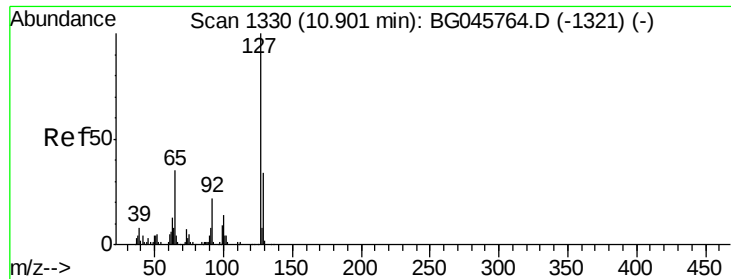
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#32
Benzoic acid
Concen: 33.307 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	123.1	163.1
77	101.1	93.9	133.9





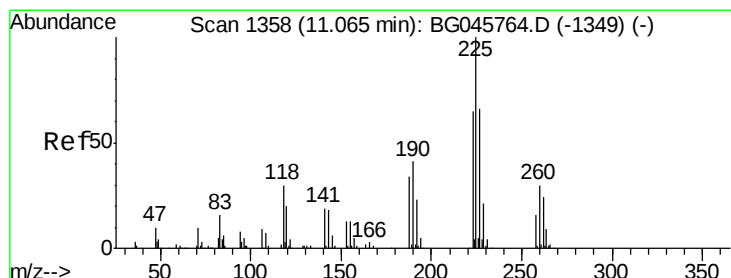
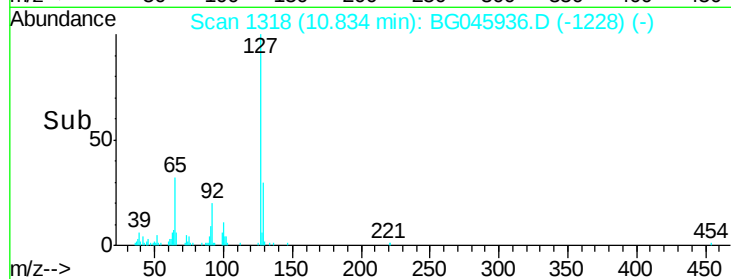
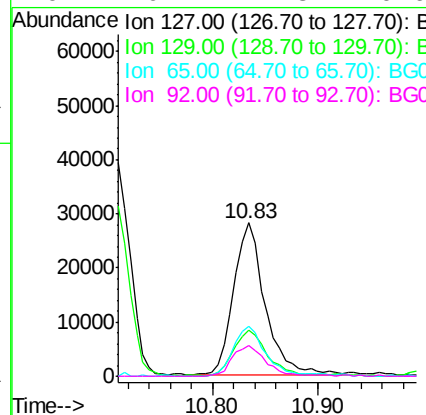
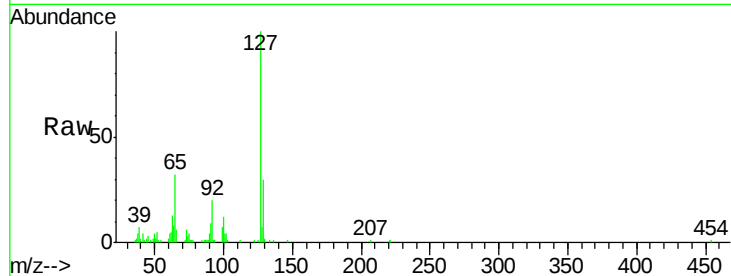
#33
4-Chloroaniline
Concen: 14.061 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		58089		
129	30.1	26.2	39.2		
65	32.2	26.9	40.3		
92	20.4	17.8	26.6		

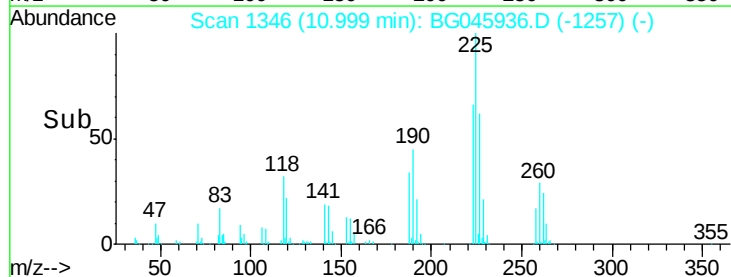
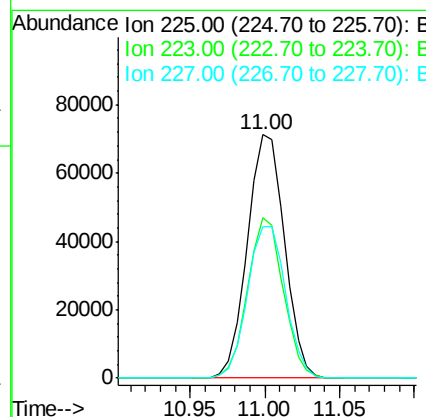
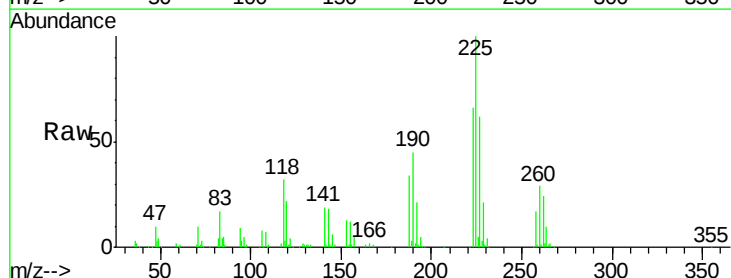
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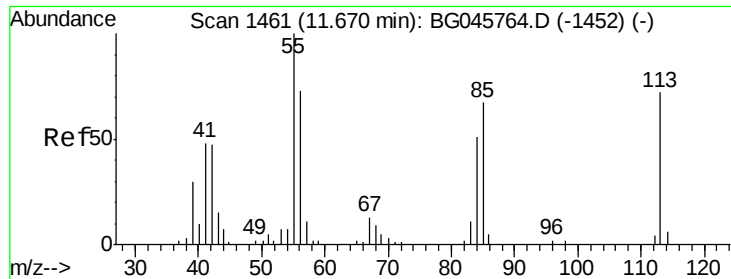
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#34
Hexachlorobutadiene
Concen: 46.568 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		122536		
223	65.9	52.0	78.0		
227	62.3	51.6	77.4		





#35

Caprolactam

Concen: 43.901 ng/mL

RT: 11.60 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

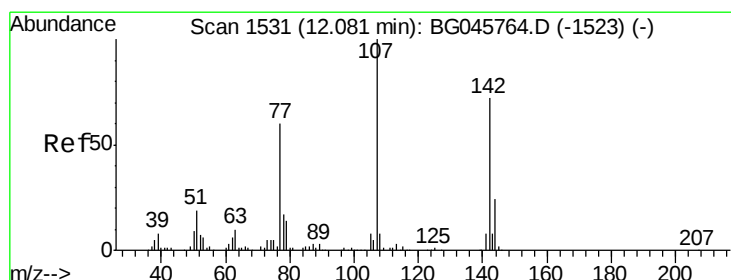
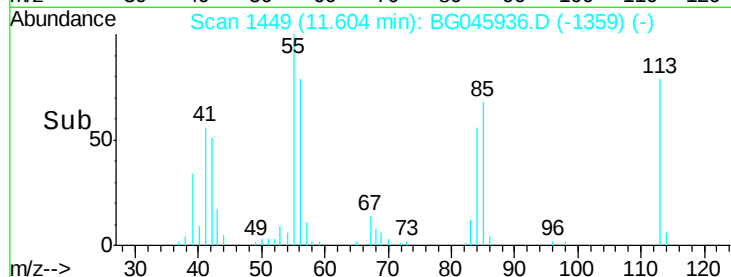
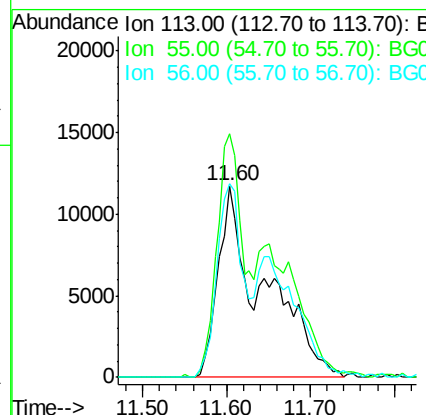
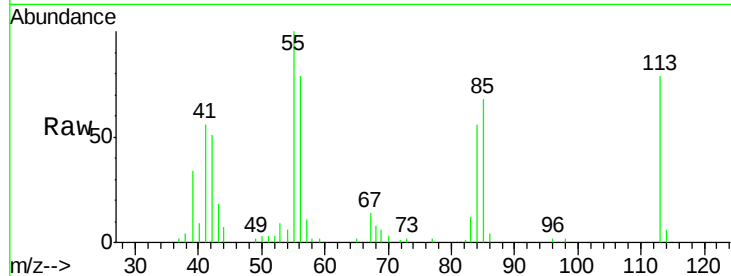
ClientSampleId :

MH-1-COMPMSD

Tot Ion:	113	Resp:	44400
Ion	Ratio	Lower	Upper
113	100		
55	127.2	110.6	150.6
56	101.0	81.1	121.1

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#36

4-Chloro-3-methylphenol

Concen: 52.519 ng/mL

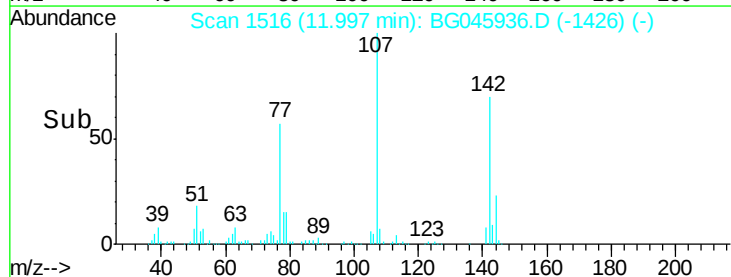
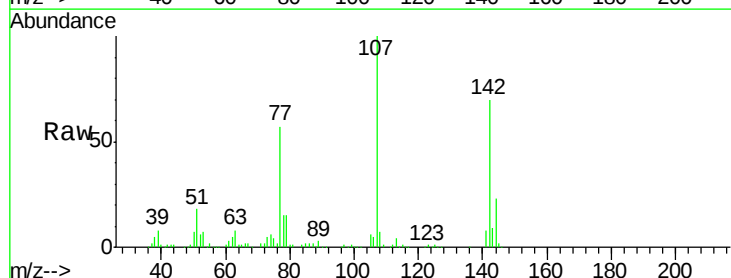
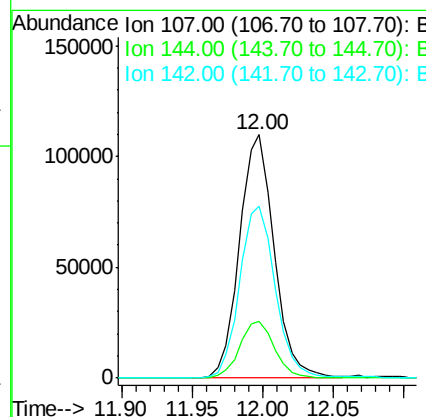
RT: 12.00 min Scan# 1516

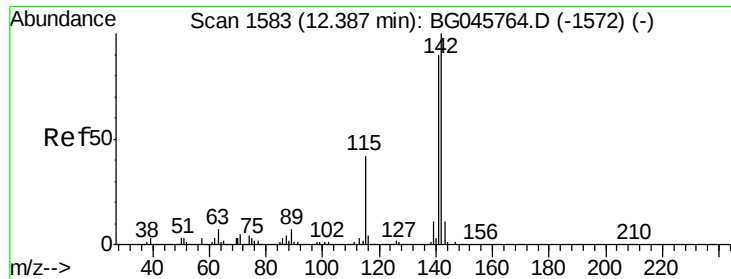
Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:	107	Resp:	189517
Ion	Ratio	Lower	Upper
107	100		
144	23.2	18.7	28.1
142	70.4	55.6	83.4





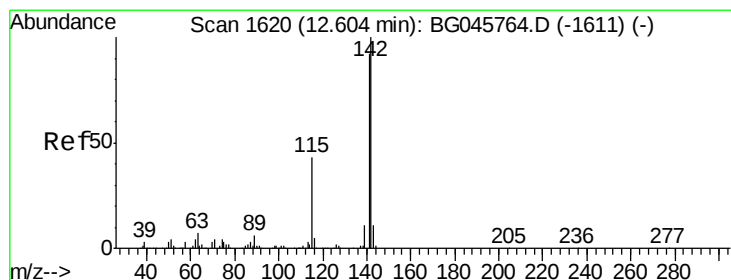
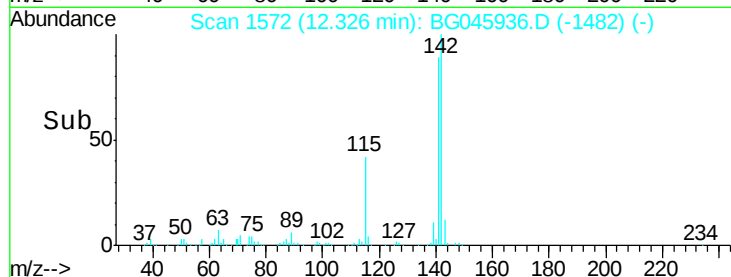
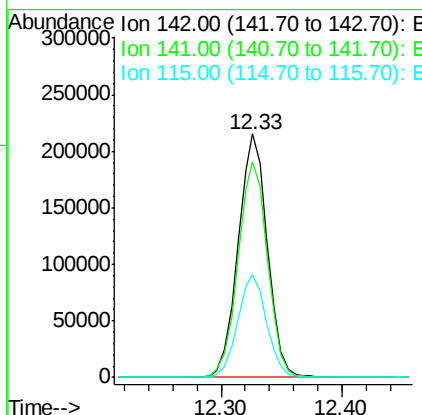
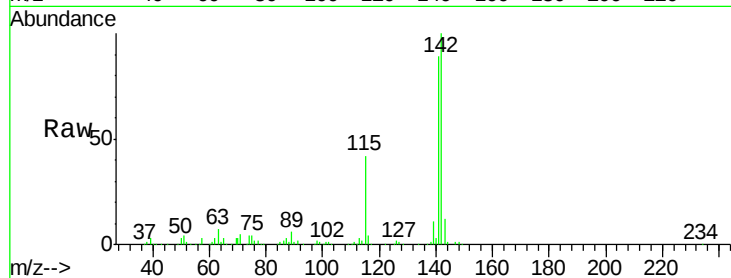
#37
2-Methylnaphthalene
Concen: 49.191 ng
RT: 12.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	42.0	31.7	47.5

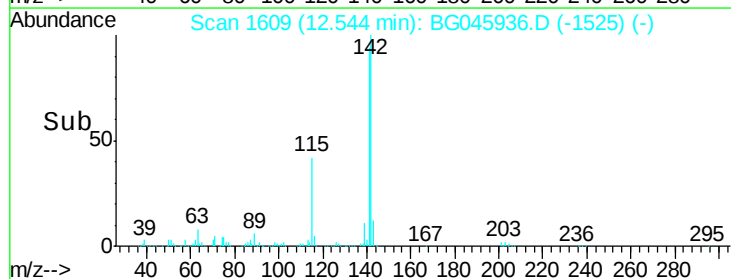
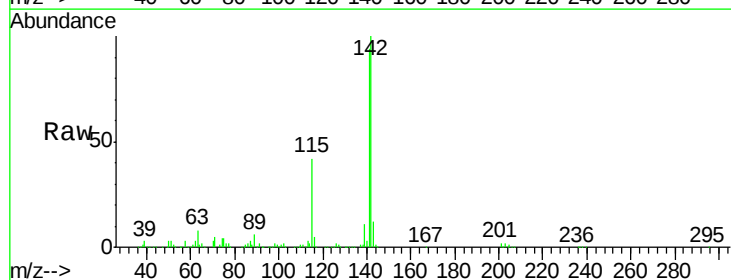
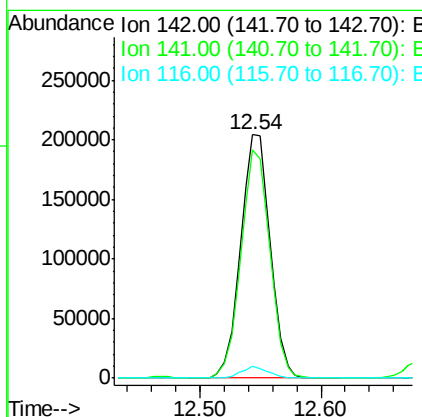
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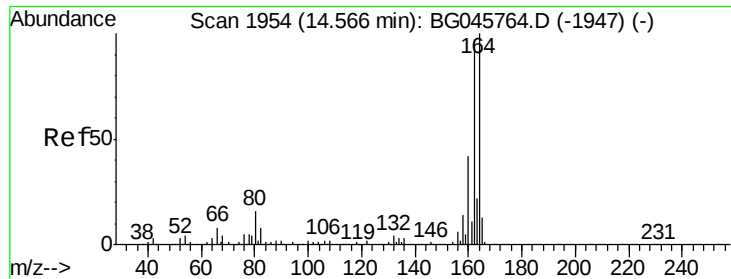
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#38
1-Methylnaphthalene
Concen: 50.104 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.5	111.7
116	4.9	3.4	5.2





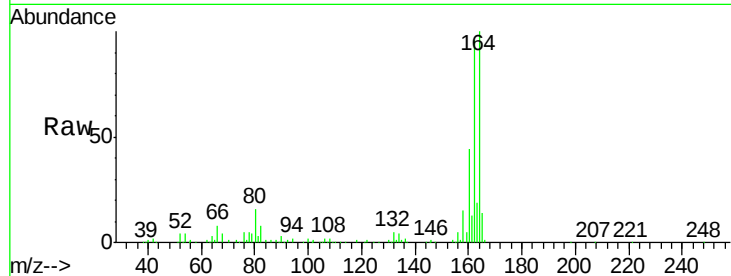
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.6	78.8	118.2
160	43.9	33.8	50.6

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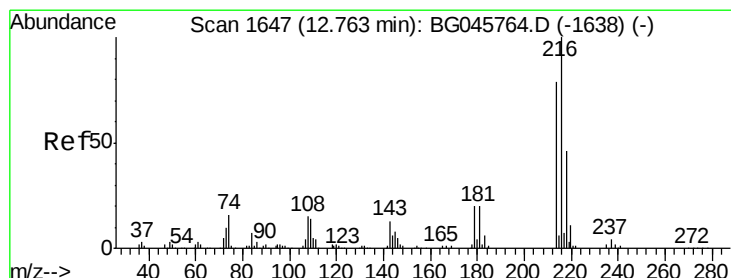
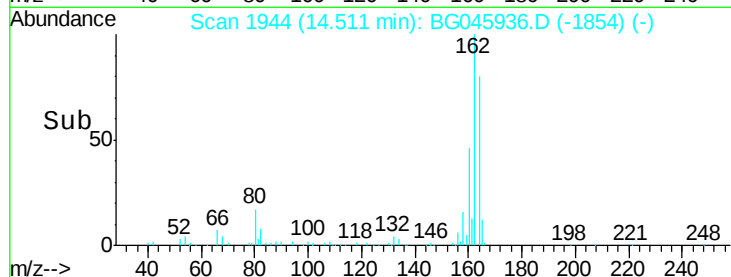
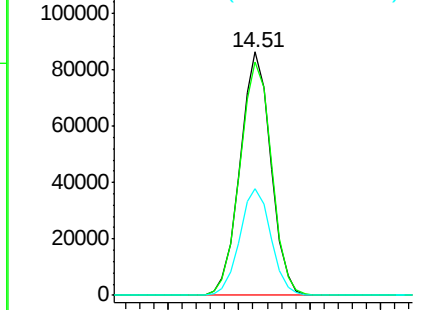


Abundance

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: 47.175 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	61.8	92.8
179	20.0	15.8	23.6
108	18.8	13.8	20.6

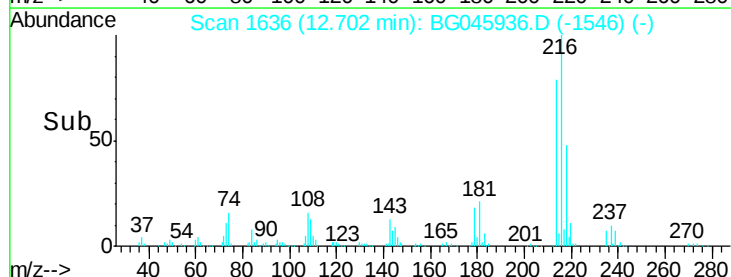
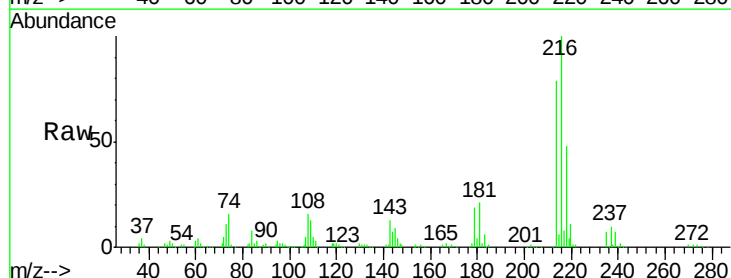
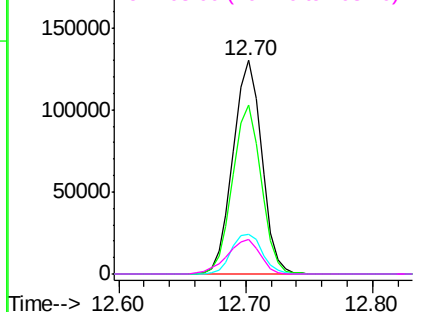
Abundance

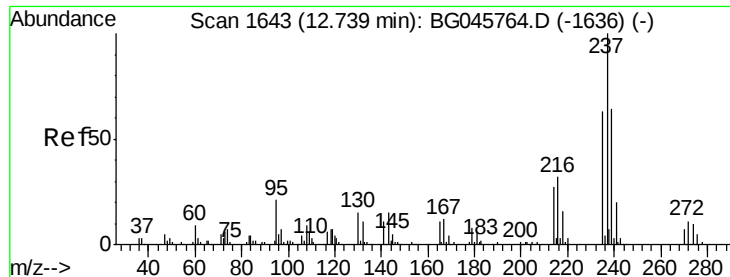
Ion 216.00 (215.70 to 216.70): E

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: 79.993 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

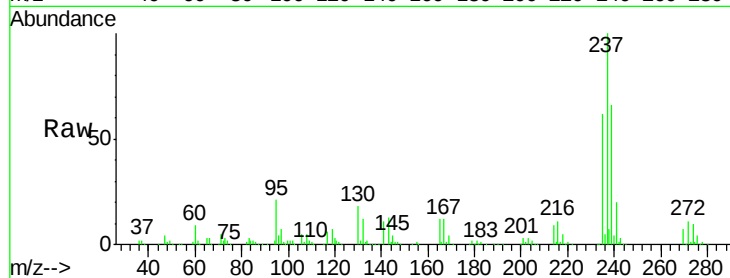
ClientSampleId :

MH-1-COMPMSD

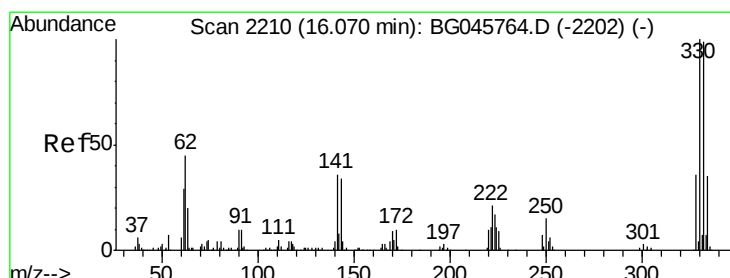
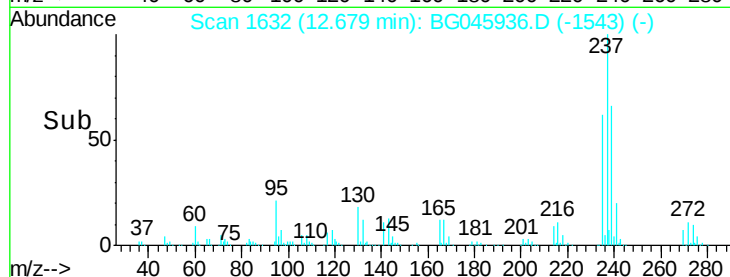
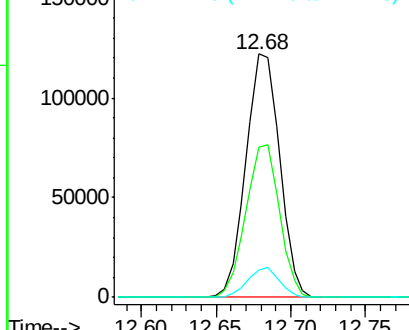
Tot Ion:	237	Resp:	191092
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.3	83.3
272	11.2	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 162.003 ng

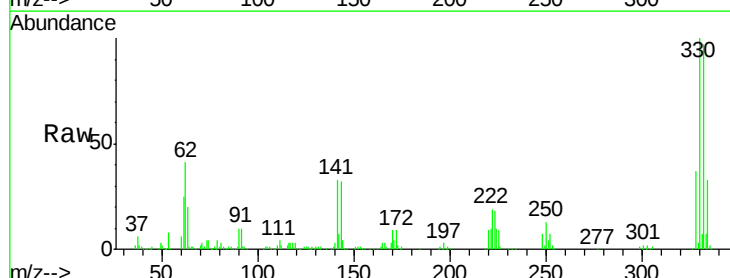
RT: 16.02 min Scan# 2200

Delta R.T. -0.00 min

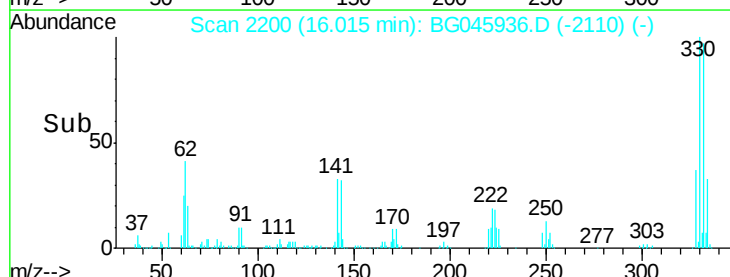
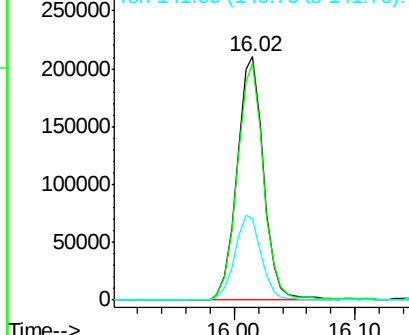
Lab File: BG045936.D

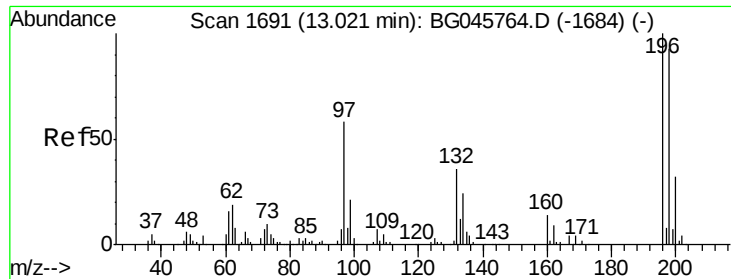
Acq: 3 Jul 2020 6:47

Tgt Ion:	330	Resp:	321239
Ion Ratio	Lower	Upper	
330	100		
332	97.7	79.4	119.0
141	35.4	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





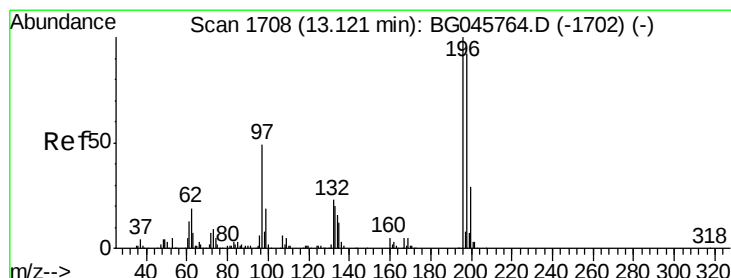
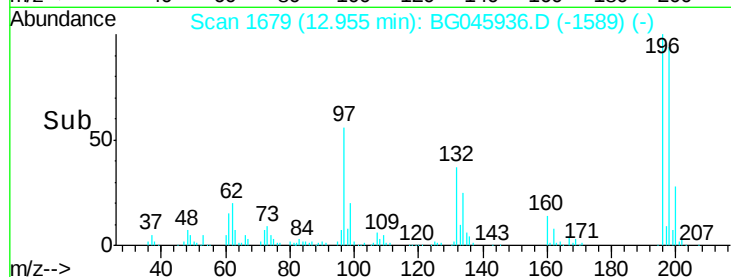
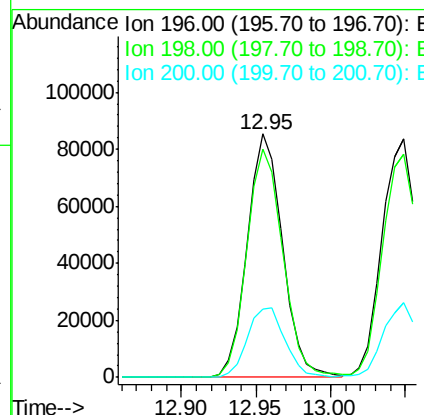
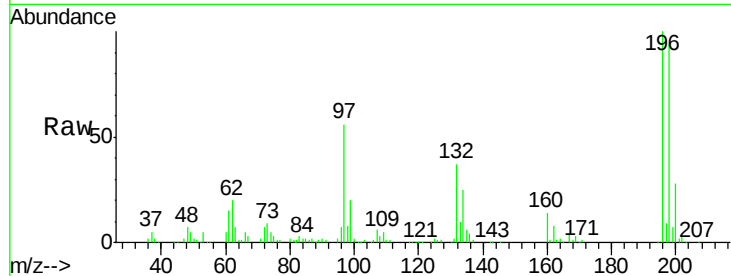
#43
 2,4,6-Trichlorophenol
 Concen: 47.725 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	78.1	117.1
200	28.1	25.8	38.6

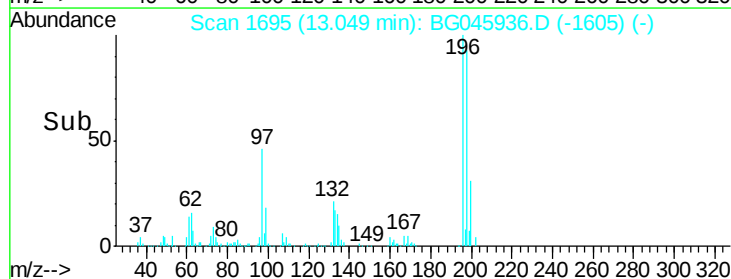
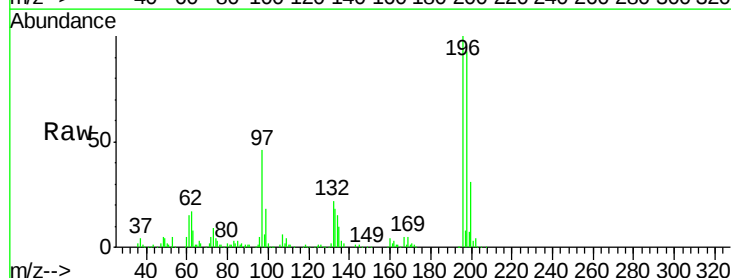
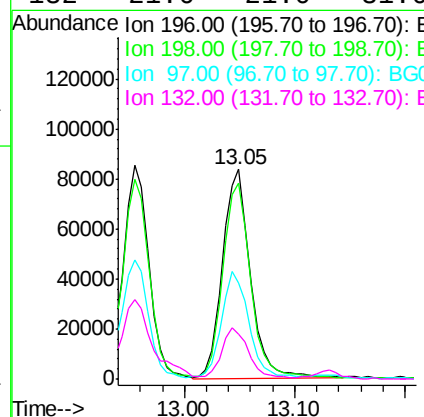
Manual Integrations
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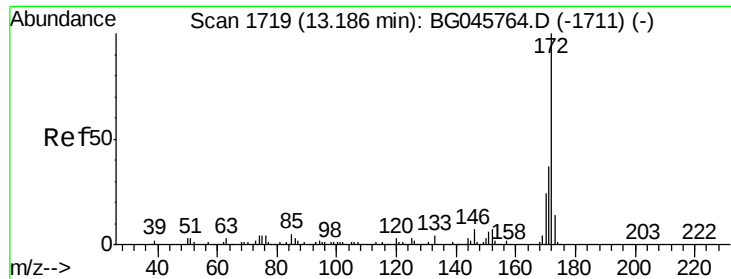
Sohil
 7/7/2020 8:19:40 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.963 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.5	114.7
97	46.0	39.9	59.9
132	21.6	21.0	31.6





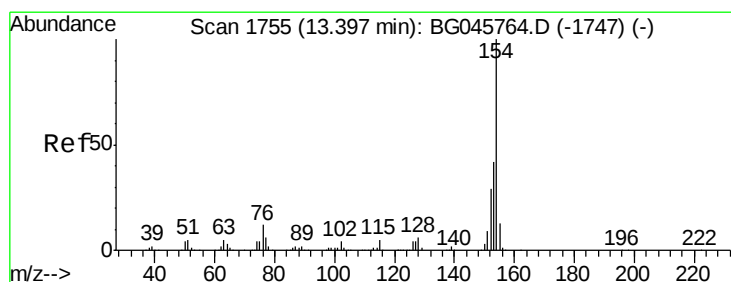
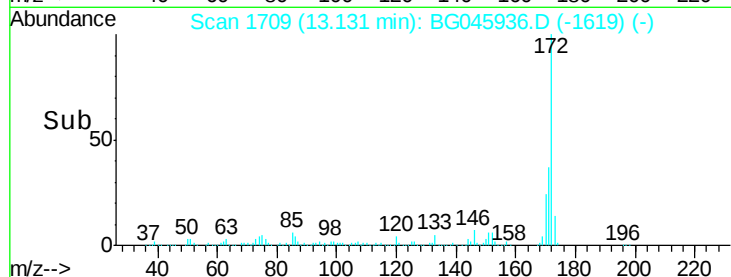
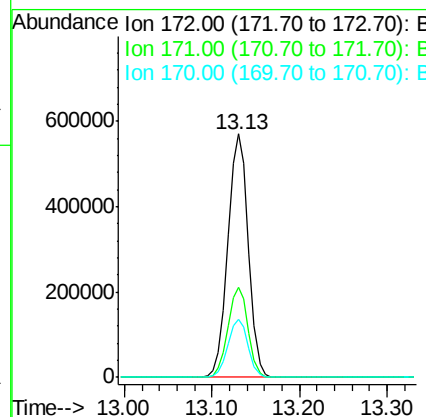
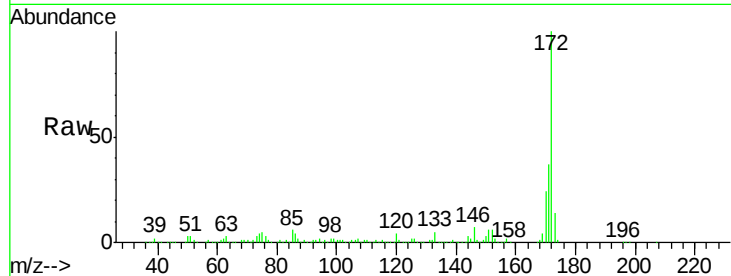
#45
2-Fluorobiphenyl
Concen: 102.479 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	24.1	18.9	28.3

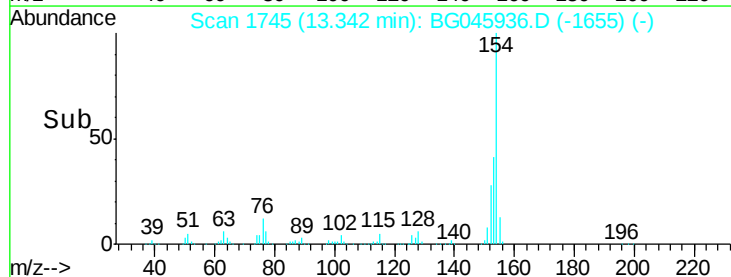
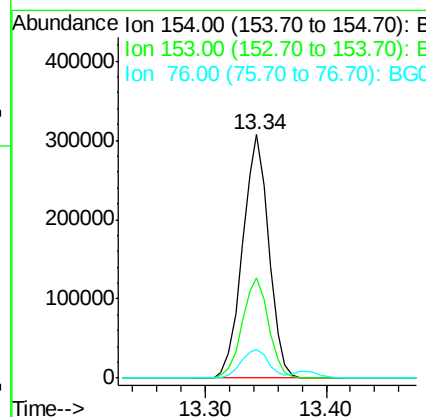
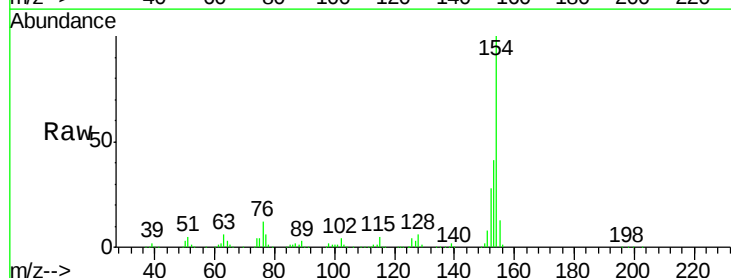
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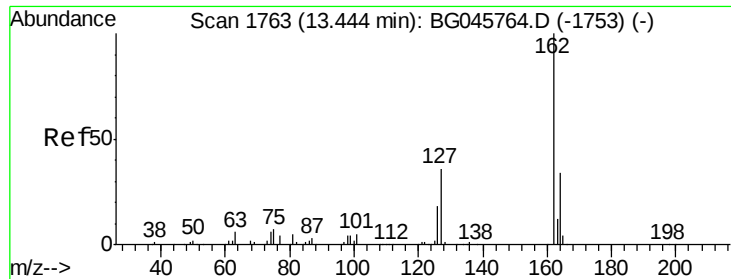
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#46
1,1'-Biphenyl
Concen: 49.394 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	11.6	0.0	32.9





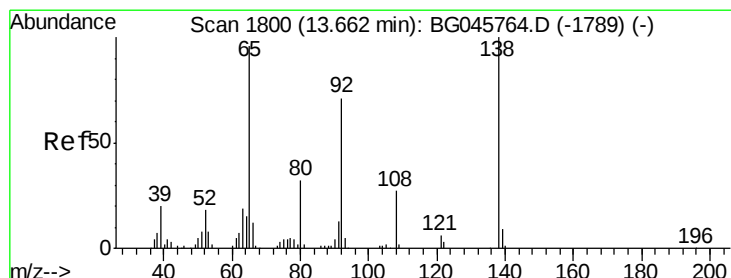
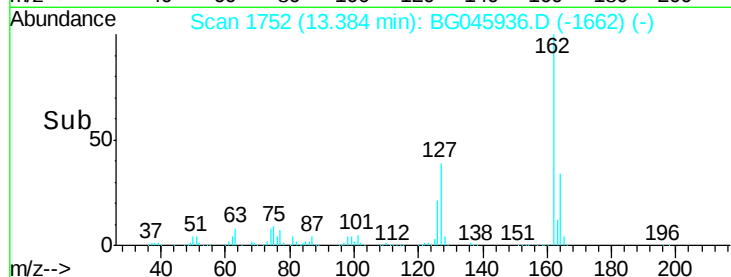
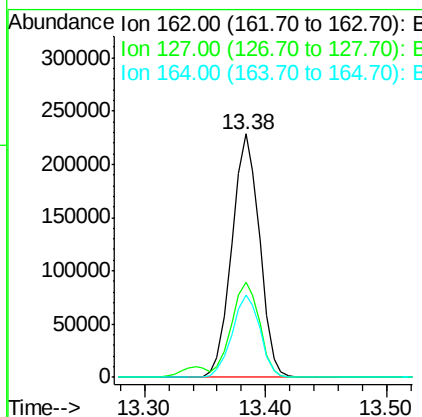
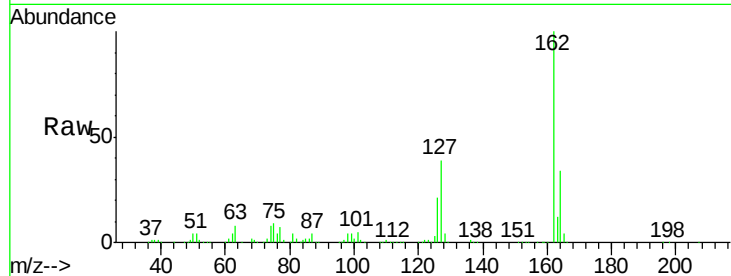
#47
2-Chloronaphthalene
Concen: 47.914 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	31.4	47.0	
164	33.6	28.1	42.1	

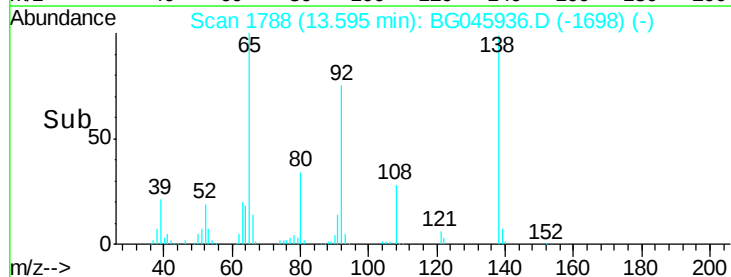
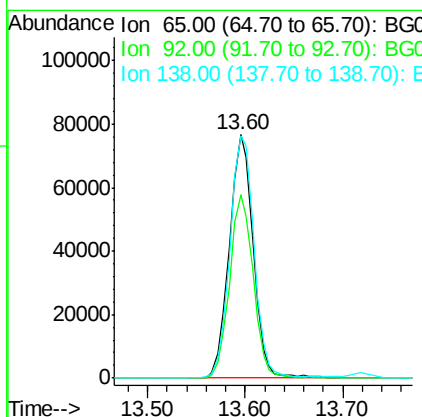
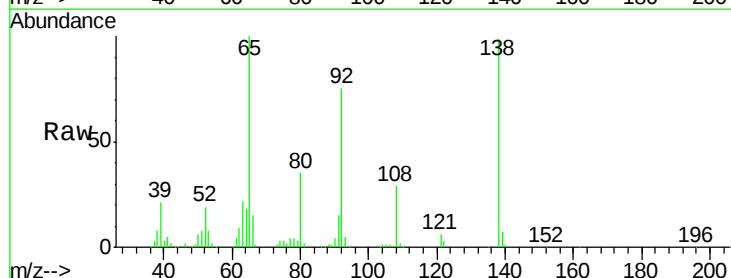
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#48
2-Nitroaniline
Concen: 51.393 ng
RT: 13.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.2	54.1	81.1	
138	99.5	79.0	118.6	





#49

Acenaphthylene

Concen: 49.460 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

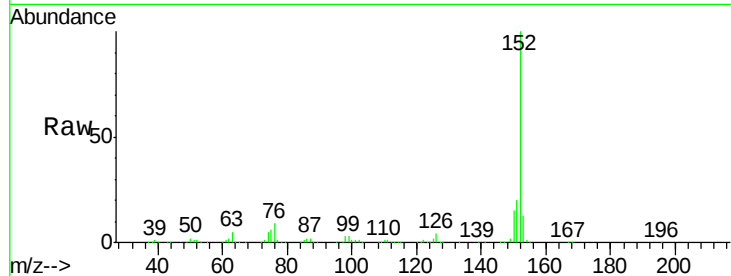
ClientSampleId :

MH-1-COMPMSD

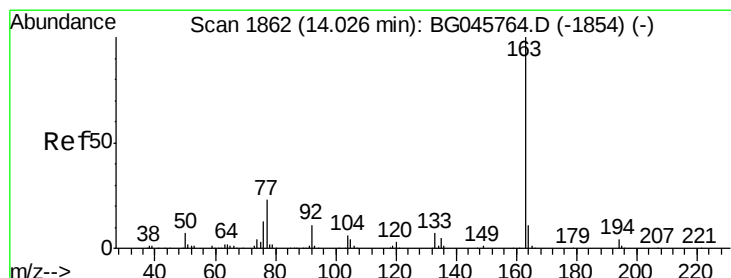
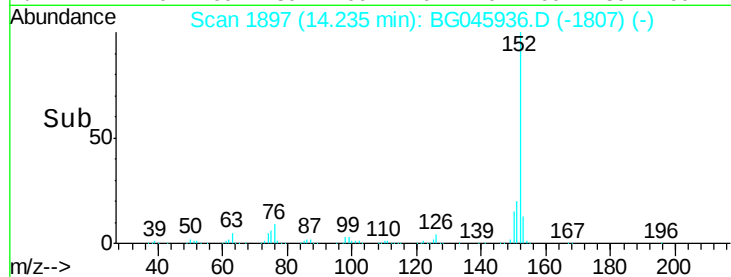
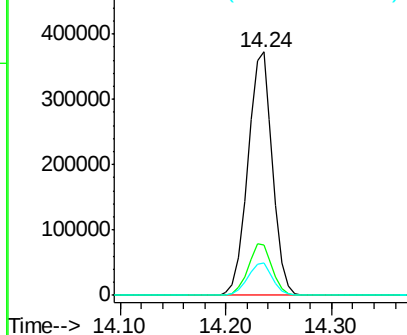
Tot Ion:	152	Resp:	601758
Ion Ratio		Lower	Upper
152	100		
151	20.4	17.0	25.4
153	13.2	11.4	17.0

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



#50

Dimethylphthalate

Concen: 51.316 ng

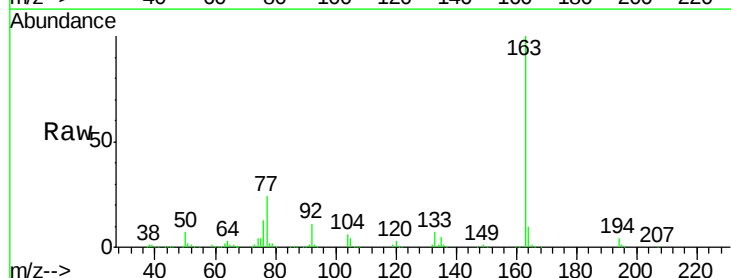
RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

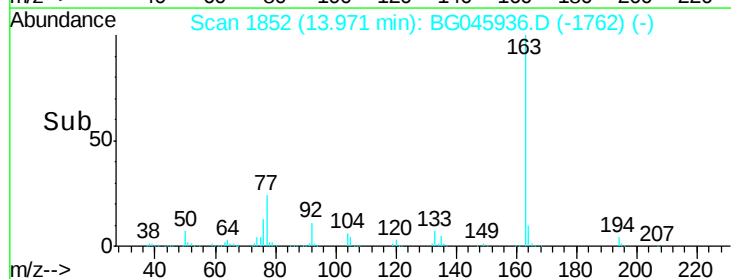
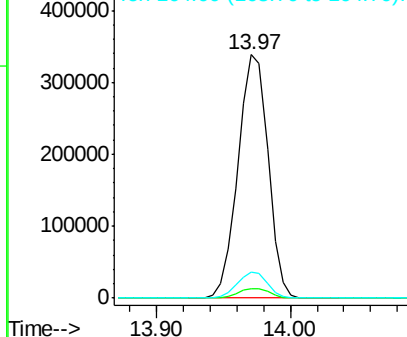
Lab File: BG045936.D

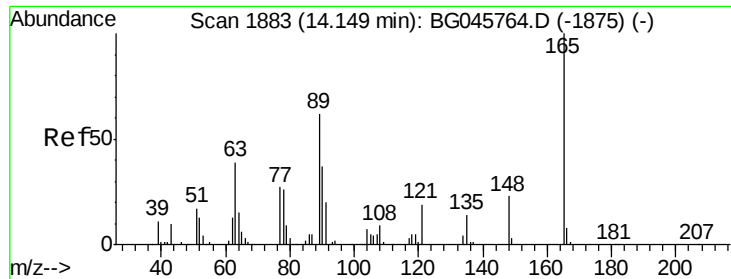
Acq: 3 Jul 2020 6:47

Tgt Ion:	163	Resp:	528004
Ion Ratio		Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.5	8.7	13.1



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





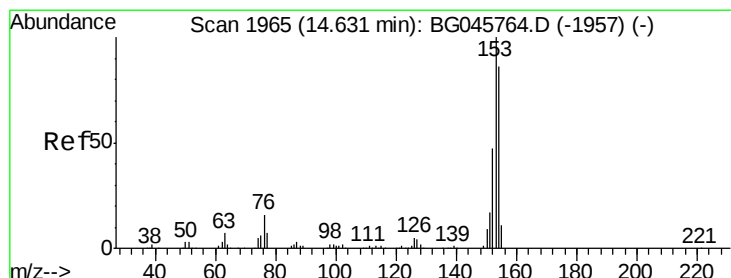
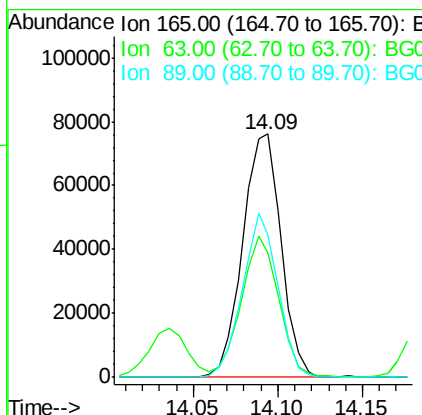
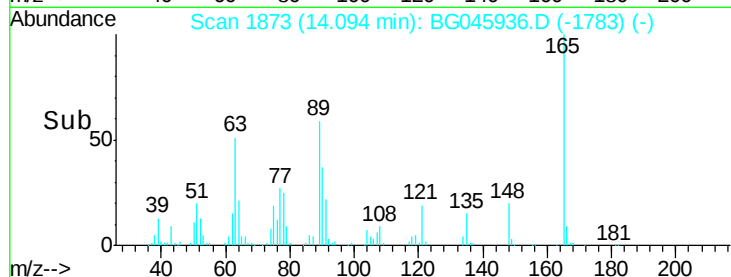
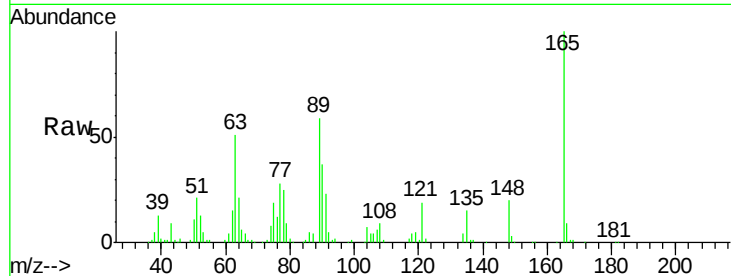
#51
2,6-Dinitrotoluene
Concen: 52.005 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampled :
MH-1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120183		
63	51.2		41.4	62.2
89	58.6		45.4	68.0

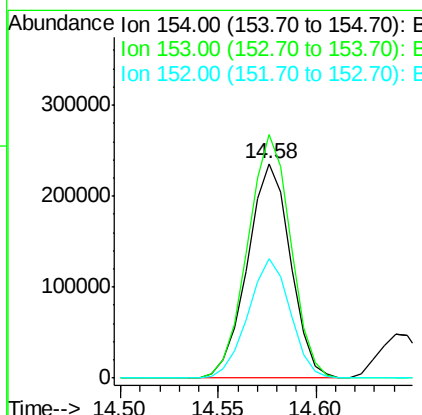
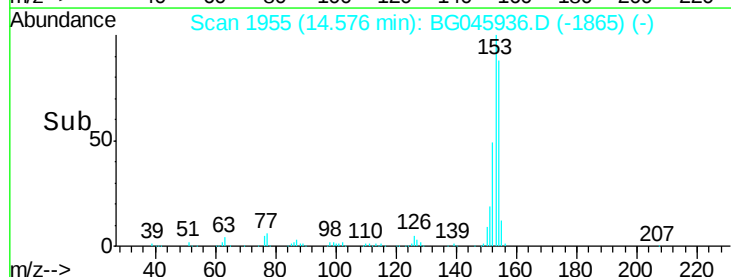
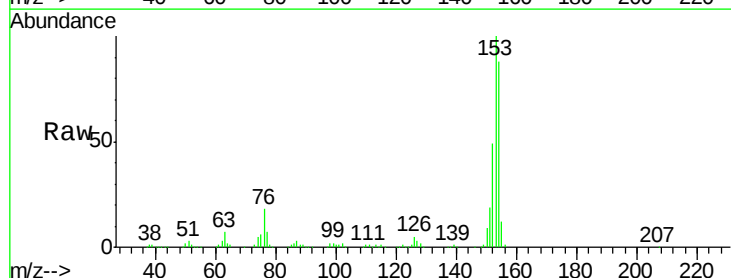
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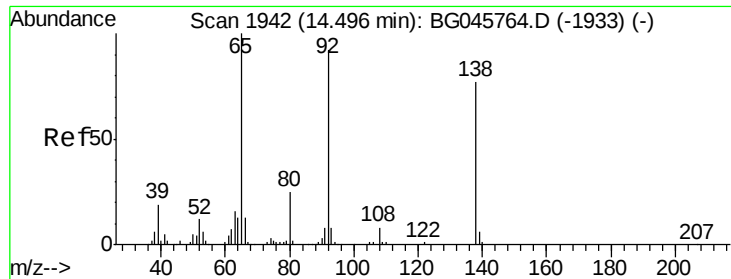
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#52
Acenaphthene
Concen: 48.817 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	360013		
153	113.6		92.5	138.7
152	55.6		43.4	65.2





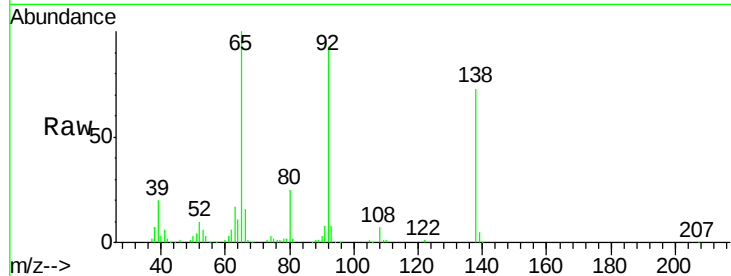
#53
3-Nitroaniline
Concen: 33.559 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

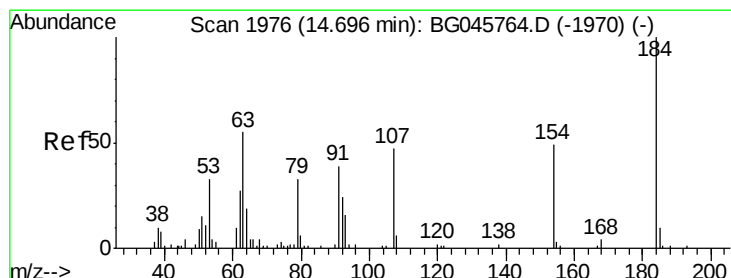
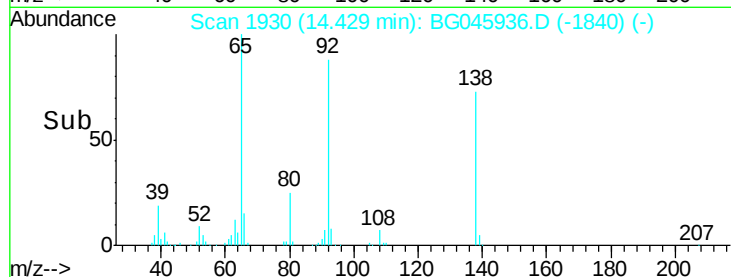
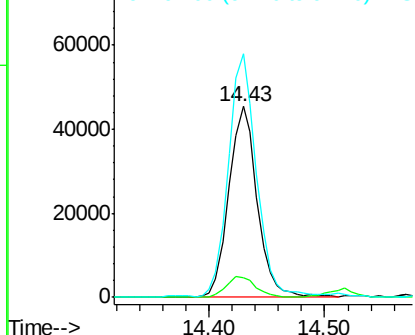
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.2	12.2
92	127.4	101.3	151.9

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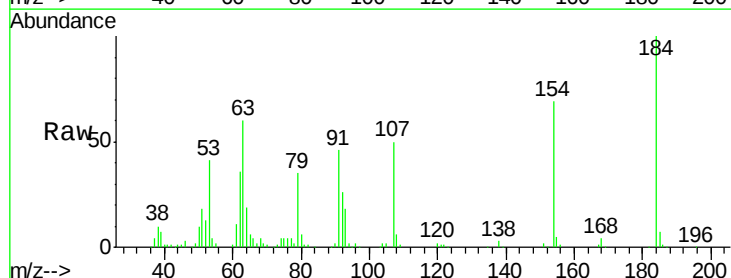


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

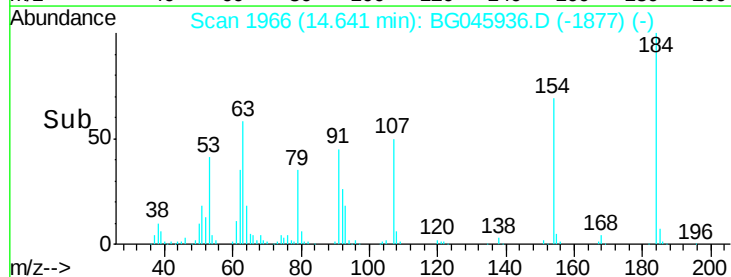
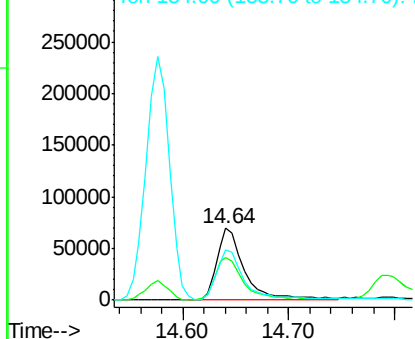


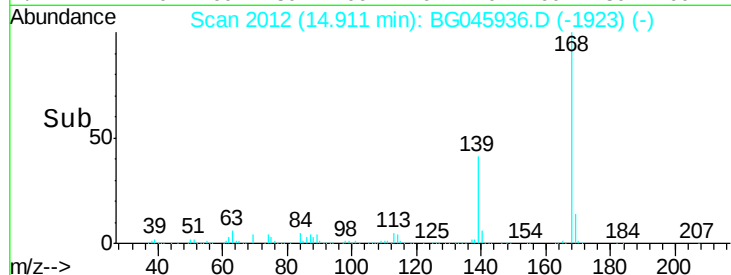
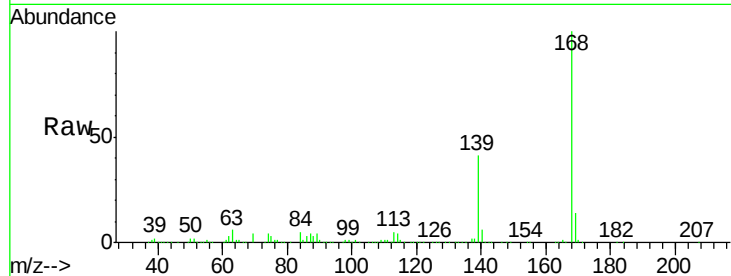
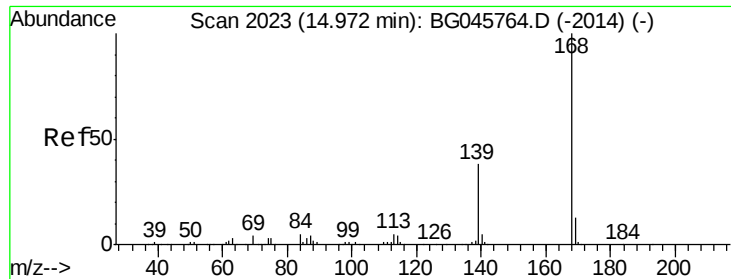
#54
2,4-Dinitrophenol
Concen: 97.931 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	49.4	74.0
154	69.4	59.8	89.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E





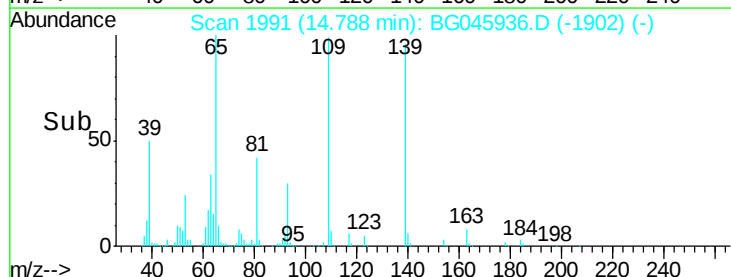
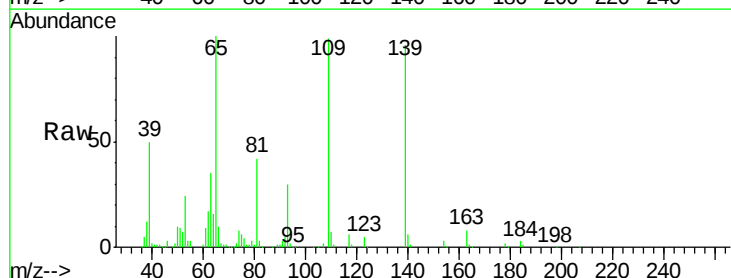
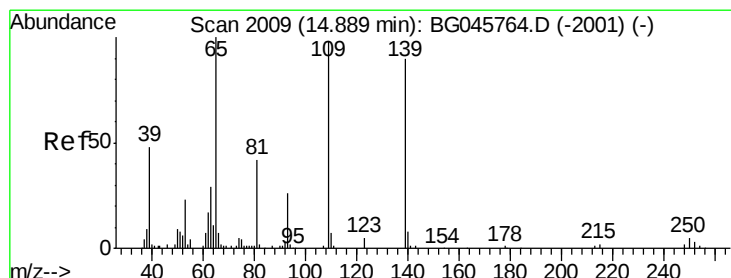
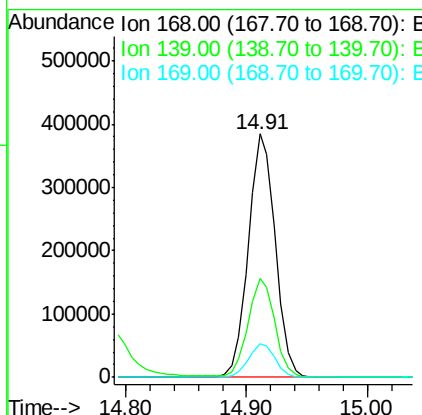
#55
Dibenzofuran
Concen: 49.744 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tot Ion	Ratio	Resp	Lower	Upper
168	100	595952		
139	40.6		32.6	48.8
169	13.8		11.4	17.2

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

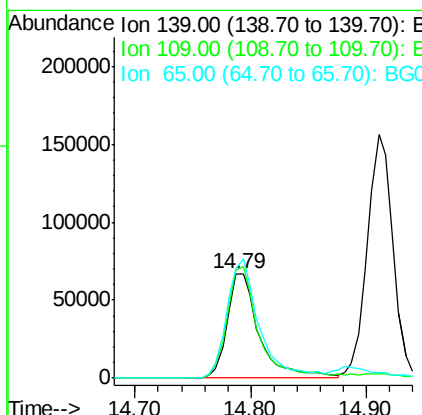
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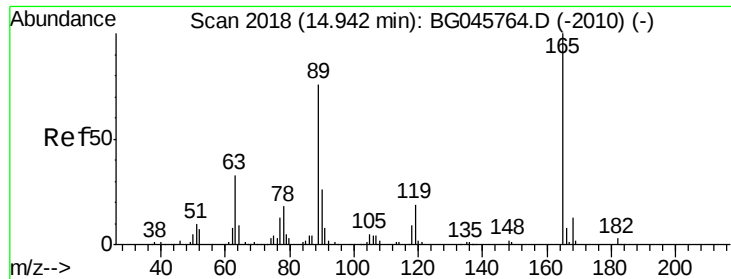
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#56
4-Nitrophenol
Concen: 78.156 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	129097		
109	103.3		79.2	119.2
65	104.6		91.0	131.0





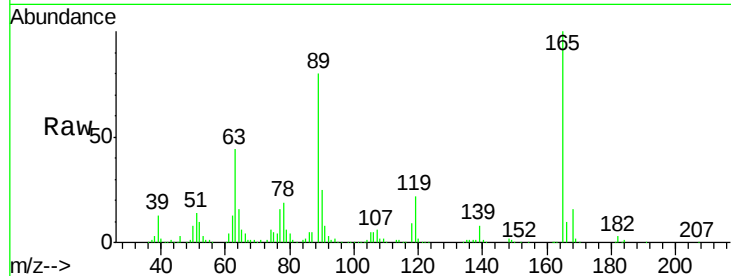
#57
2,4-Dinitrotoluene
Concen: 52.724 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	34.5	51.7
89	80.1	60.8	91.2
182	2.6	2.3	3.5

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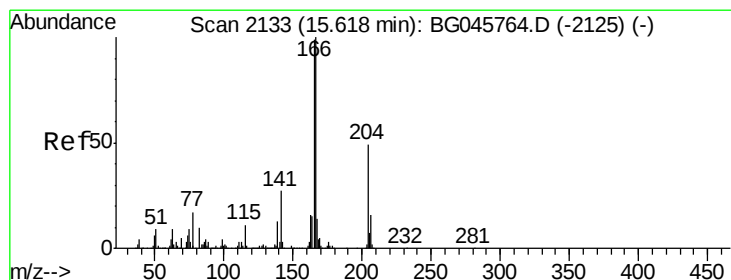
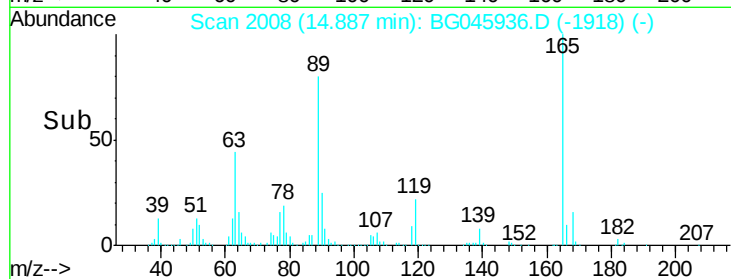
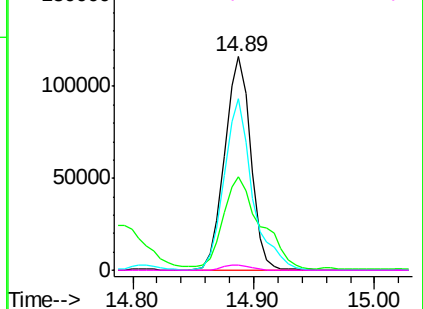


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



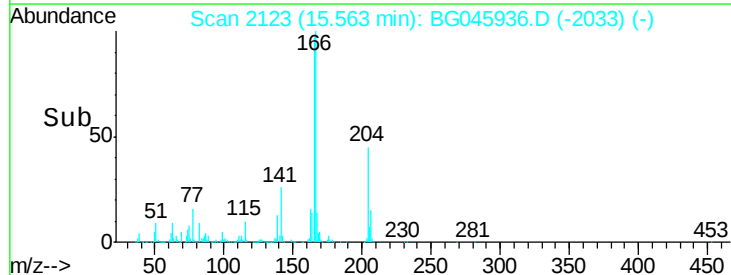
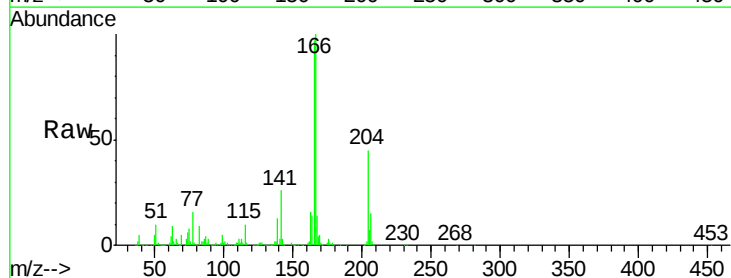
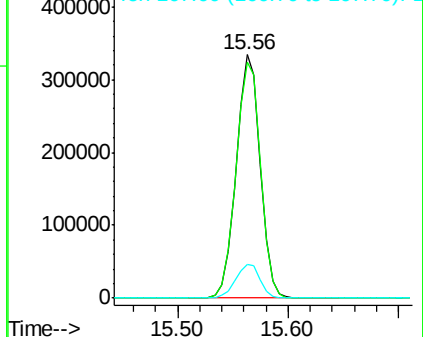
#58
Fluorene
Concen: 51.075 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

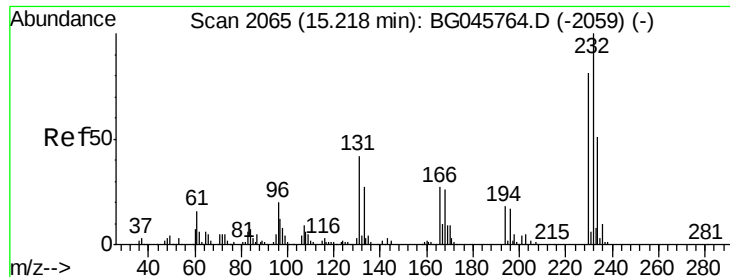
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.9	115.3
167	13.8	11.3	16.9

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





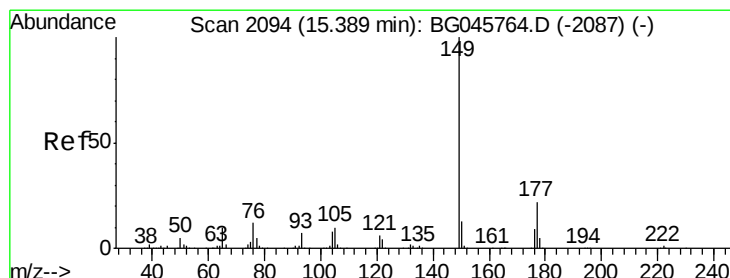
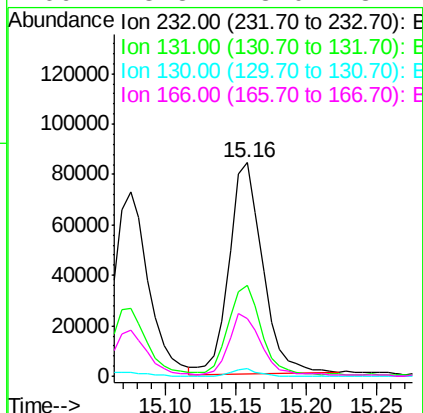
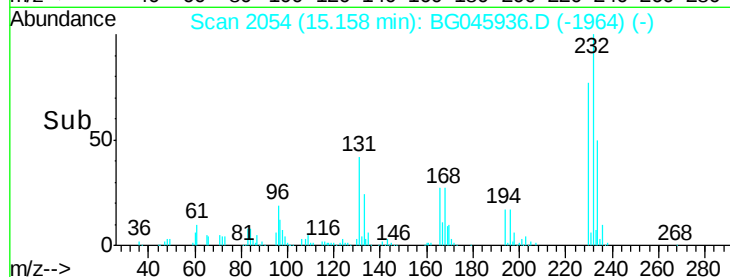
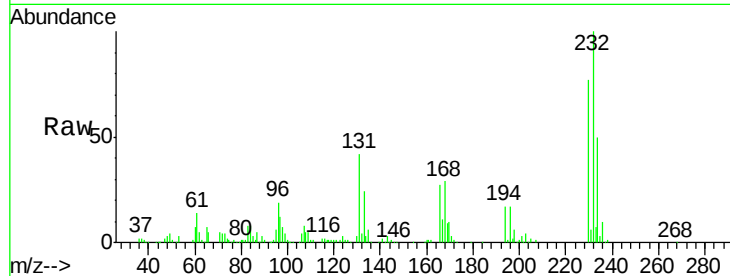
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.117 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		139564		
131	41.6	34.2	51.2		
130	2.7	2.1	3.1		
166	28.8	23.0	34.4		

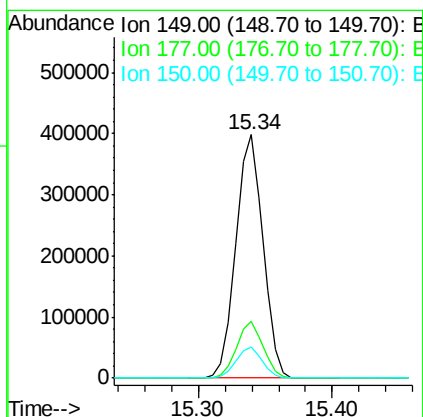
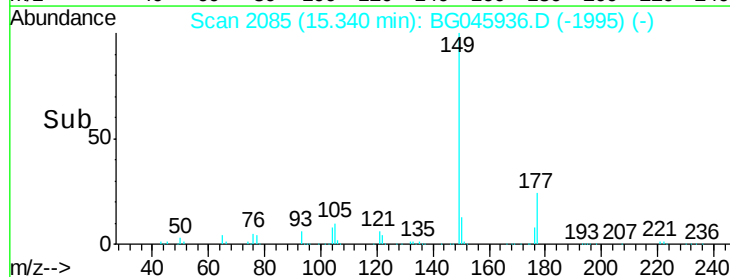
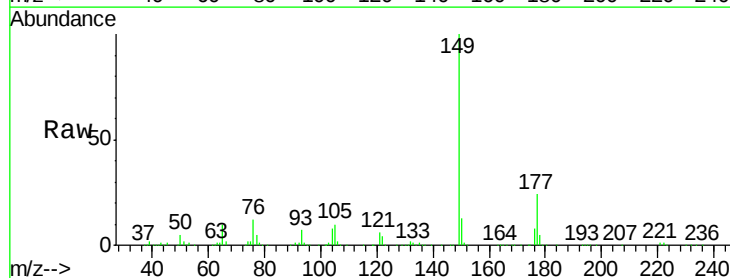
Manual Integrations
APPROVED

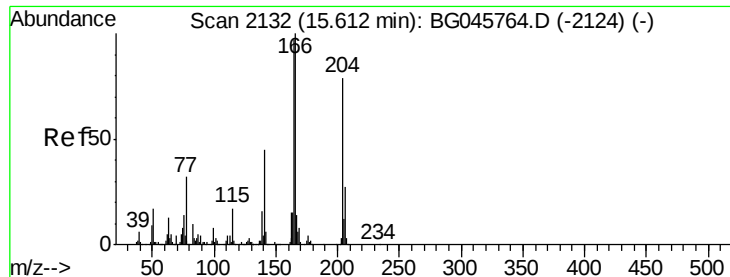
Sohil
7/7/2020 8:19:40 AM



#60
Diethylphthalate
Concen: 53.359 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		561252		
177	23.6	18.6	28.0		
150	12.7	10.2	15.2		





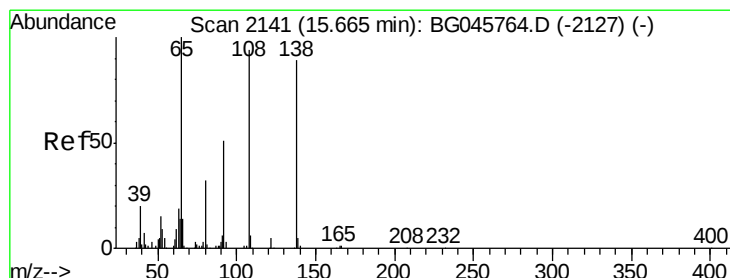
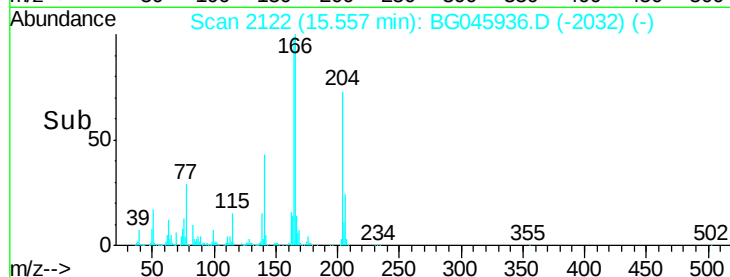
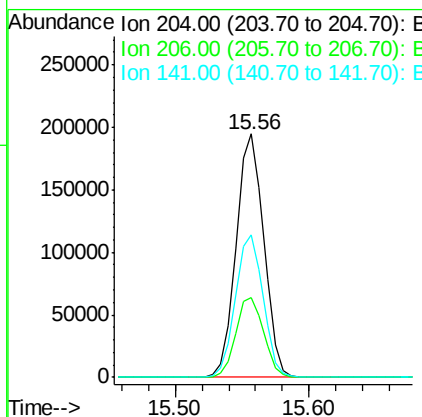
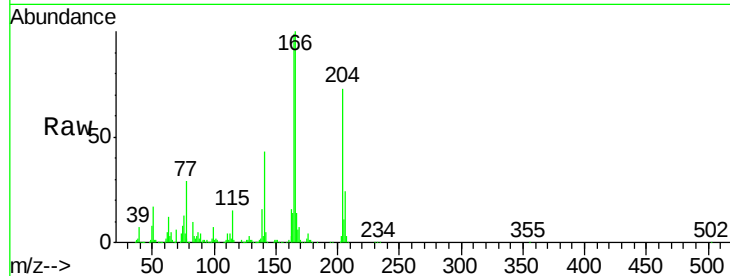
#61
4-Chlorophenyl-phenylether
Concen: 48.664 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampled :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.4	39.6
141	58.6	47.9	71.9

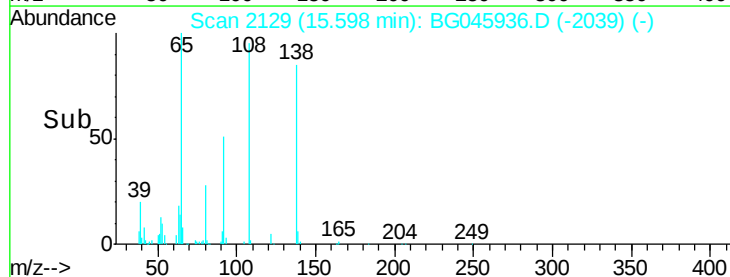
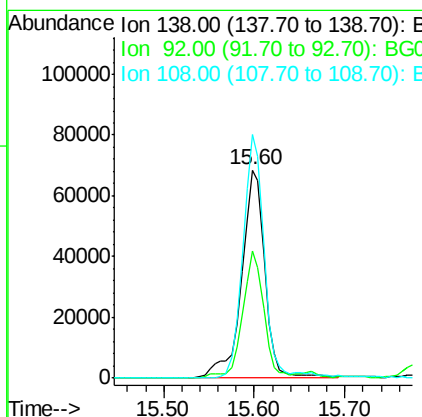
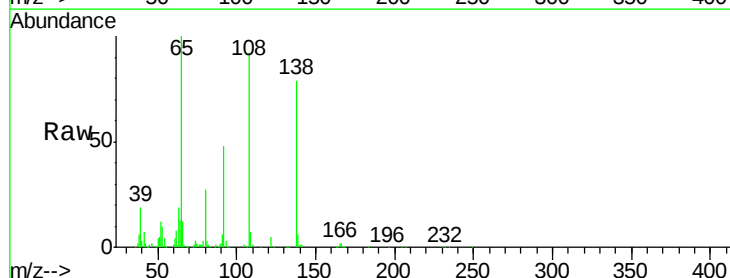
Manual Integrations
APPROVED

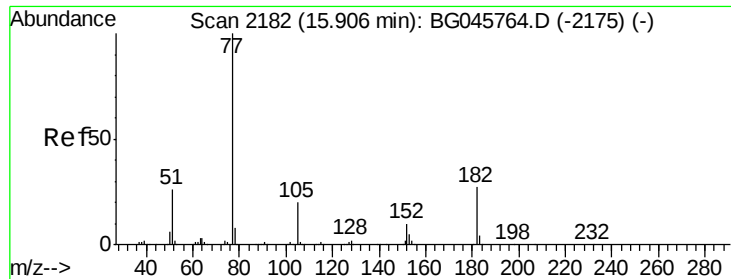
Sohil
7/7/2020 8:19:40 AM



#62
4-Nitroaniline
Concen: 51.782 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.7	34.9	74.9
108	116.8	92.3	132.3





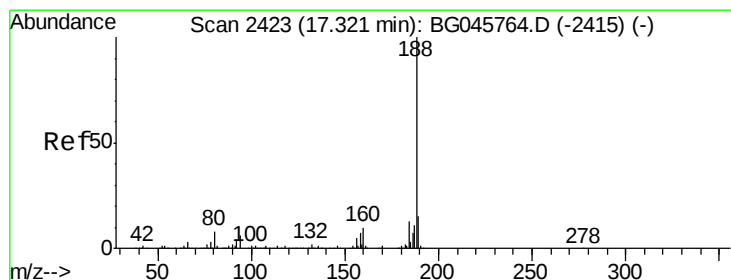
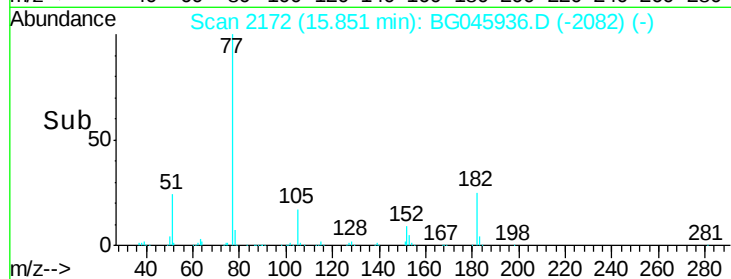
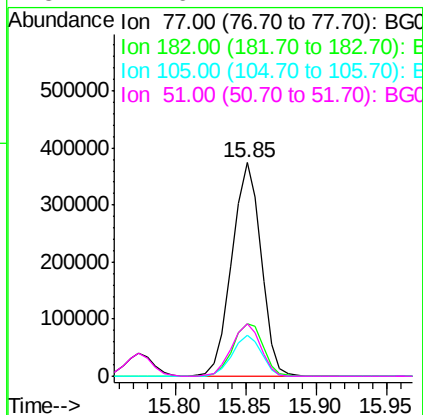
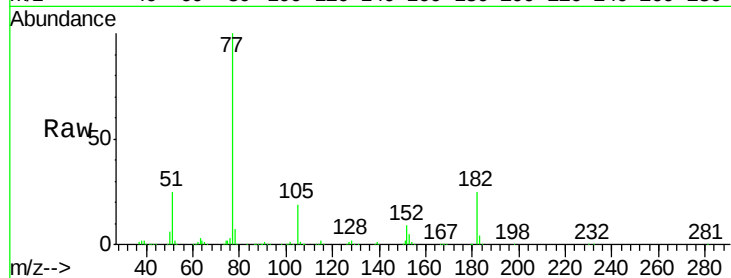
#63
Azobenzene
Concen: 53.196 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.7	6.0	46.0	
105	19.5	0.0	38.0	
51	24.6	4.7	44.7	

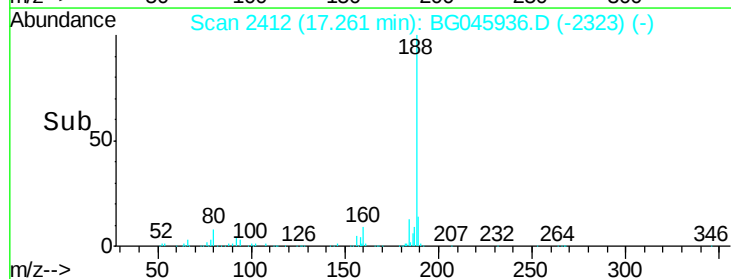
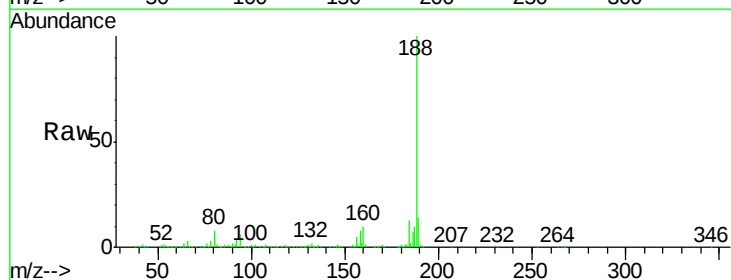
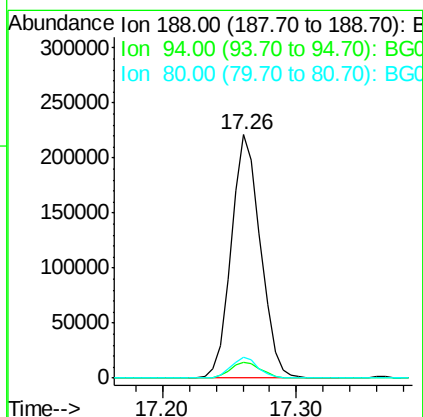
Manual Integrations
APPROVED

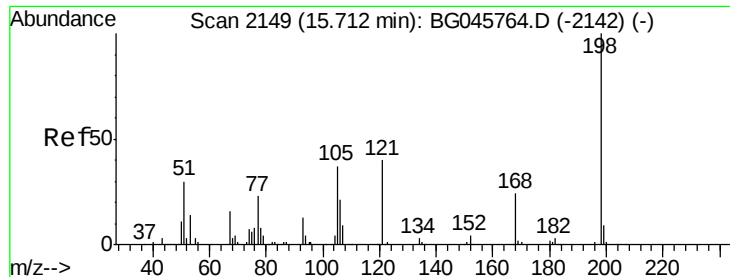
Sohil
7/7/2020 8:19:40 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.4	5.5	8.3	
80	8.3	6.1	9.1	





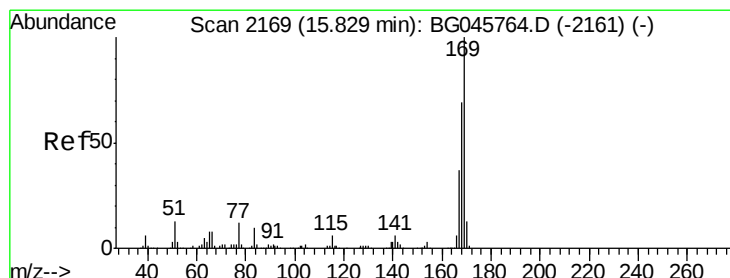
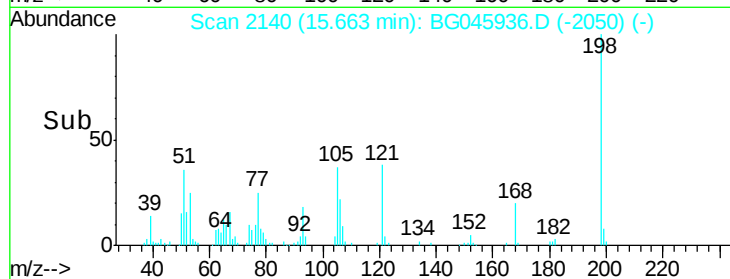
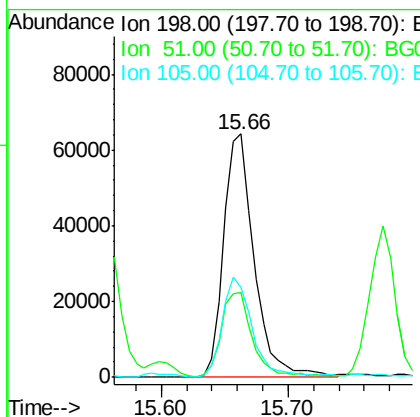
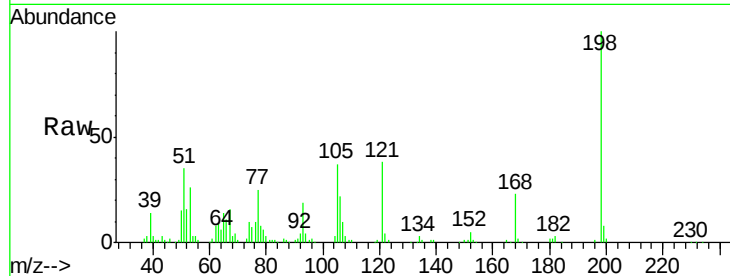
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.587 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107161		
51	35.1	14.6	54.6	
105	36.9	20.1	60.1	

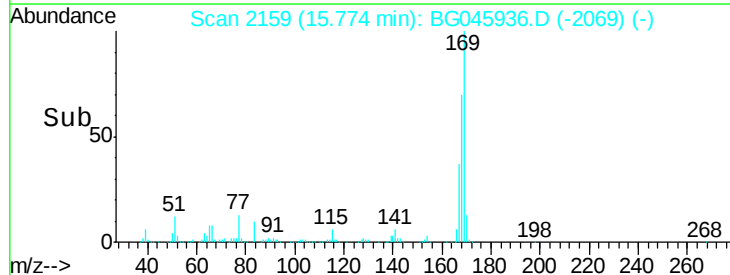
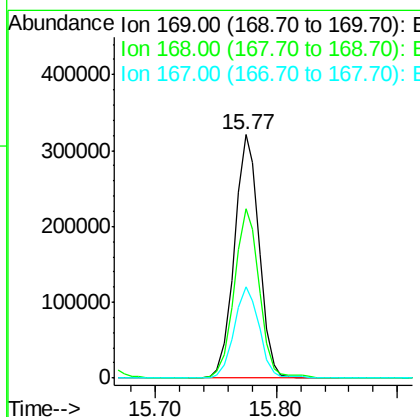
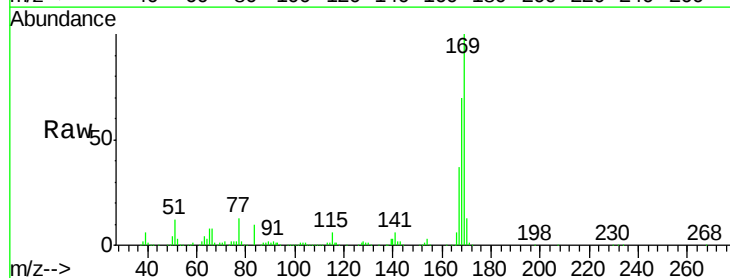
Manual Integrations
 APPROVED

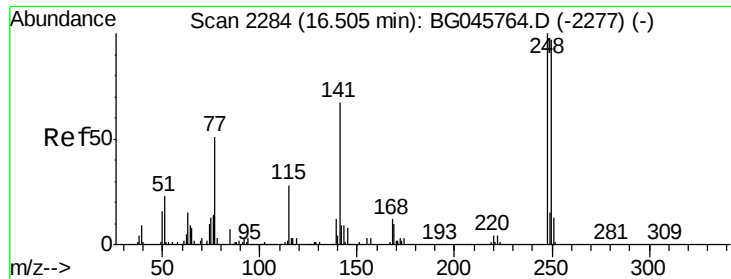
Sohil
 7/7/2020 8:19:40 AM



#66
 n-Nitrosodiphenylamine
 Concen: 47.934 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	456359		
168	69.7	53.6	80.4	
167	37.4	30.7	46.1	





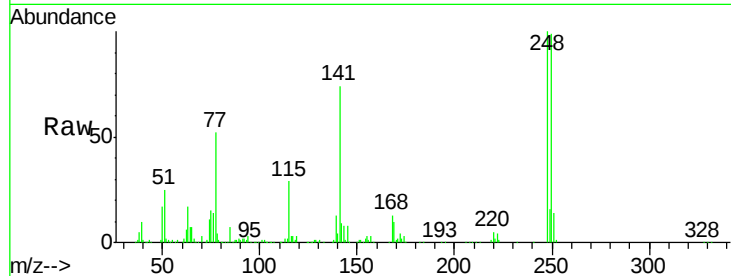
#67
4-Bromophenyl-phenylether
Concen: 45.179 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.2	115.8
141	74.3	52.6	79.0

Manual Integrations
APPROVED

Sohil
7/7/2020 8:19:40 AM

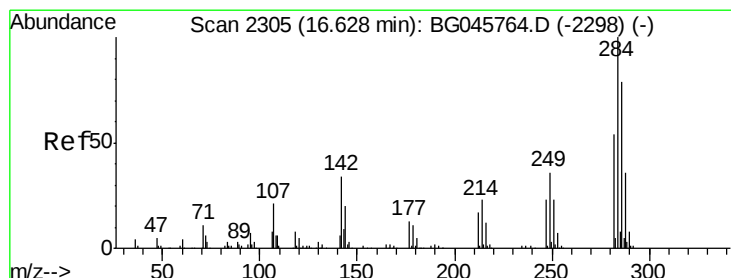
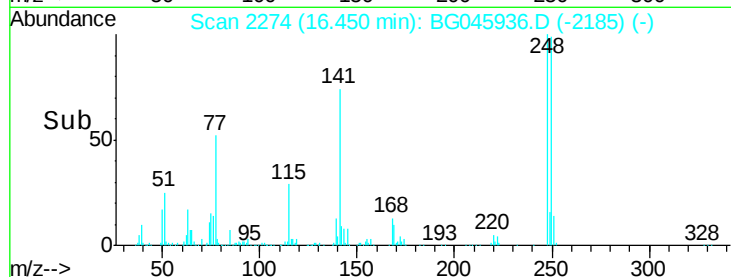
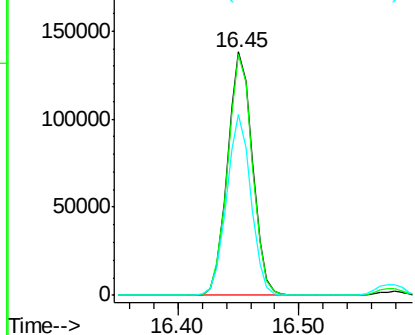


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.978 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

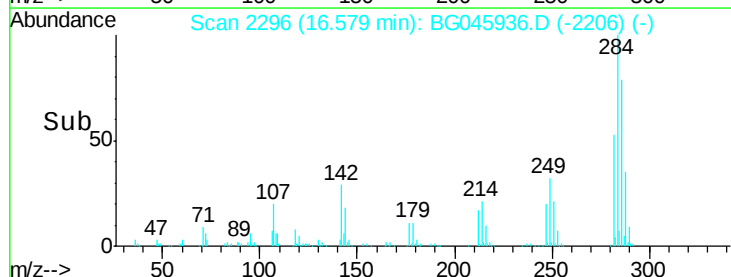
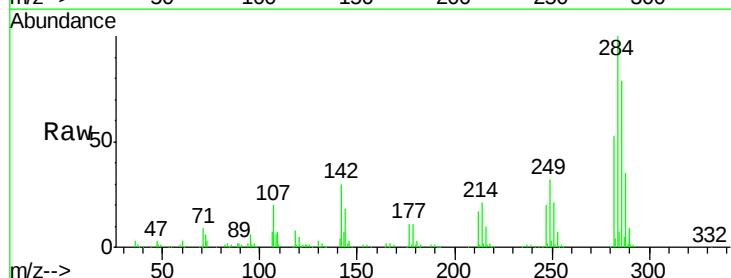
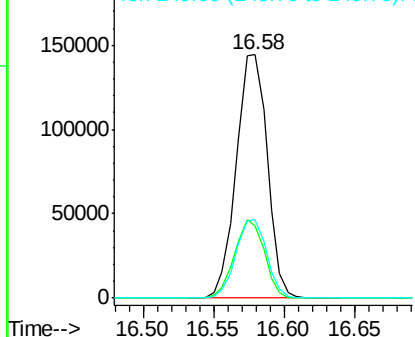
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	23.2	34.8
249	32.1	25.5	38.3

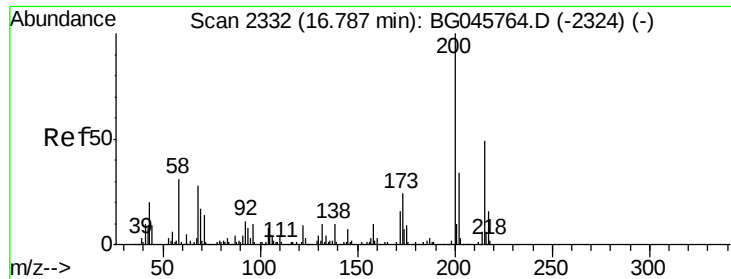
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





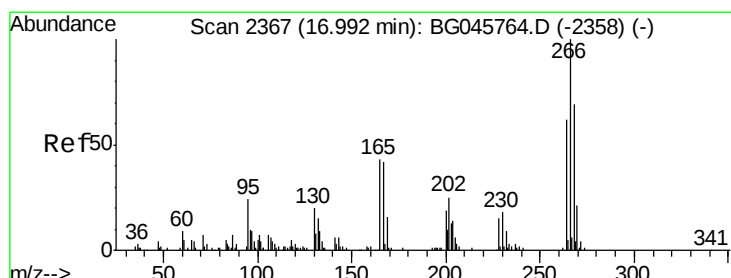
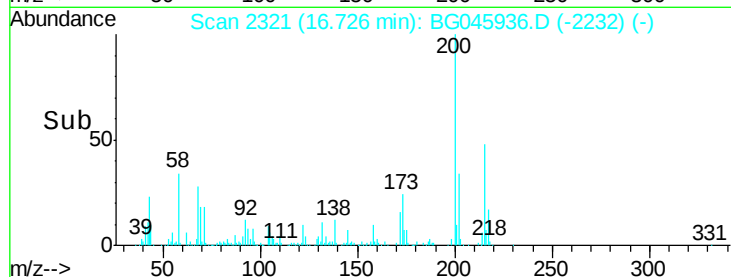
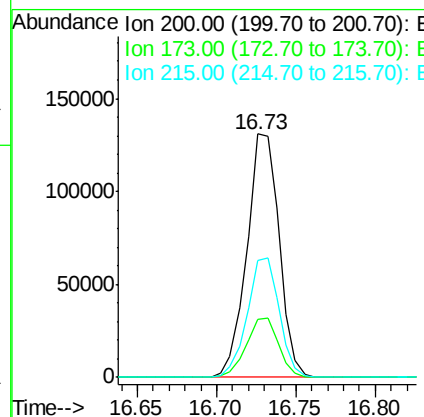
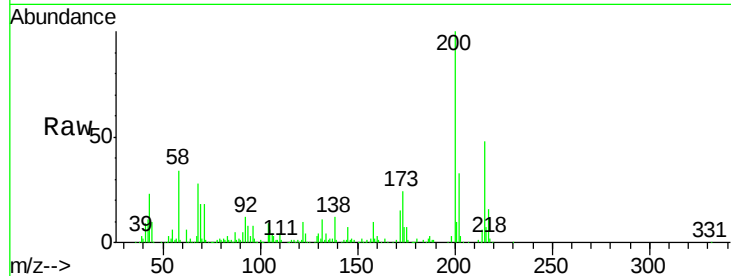
#69
Atrazine
Concen: 50.126 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.8	4.3	44.3
215	48.0	30.5	70.5

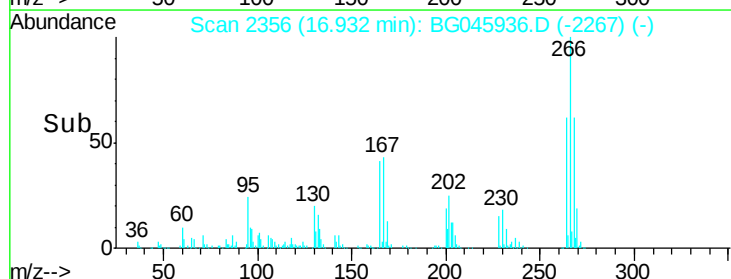
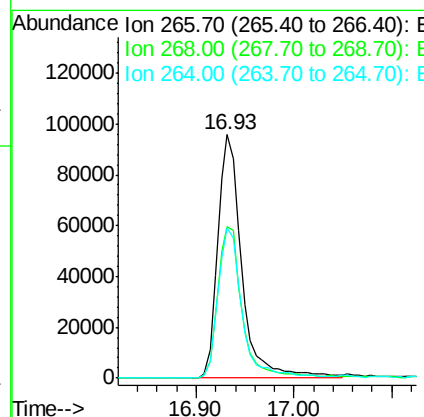
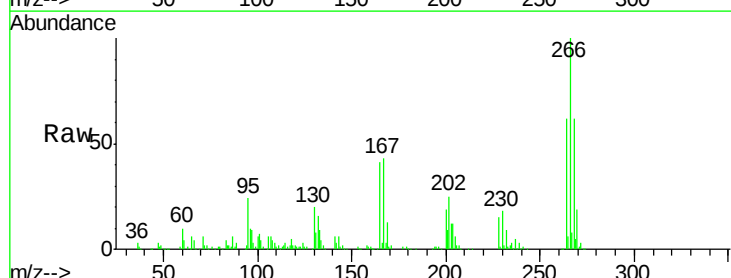
Manual Integrations
APPROVED

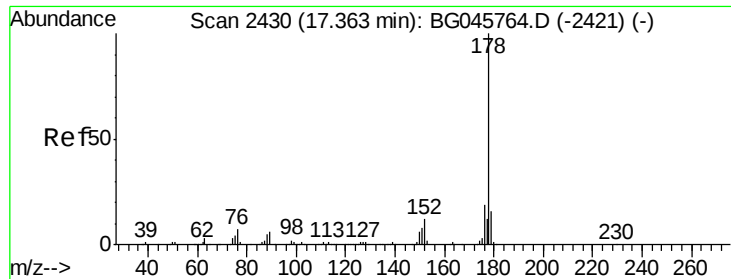
Sohil
7/7/2020 8:19:40 AM



#70
Pentachlorophenol
Concen: 74.138 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.5	50.5	75.7
264	61.9	47.0	70.6





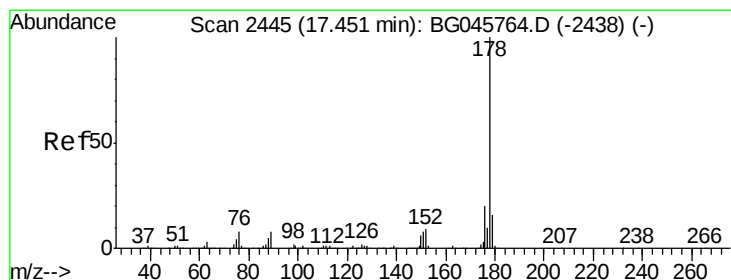
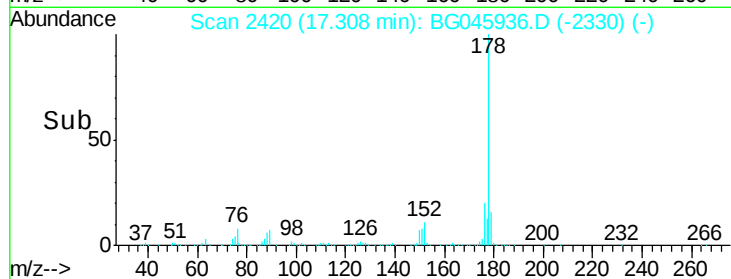
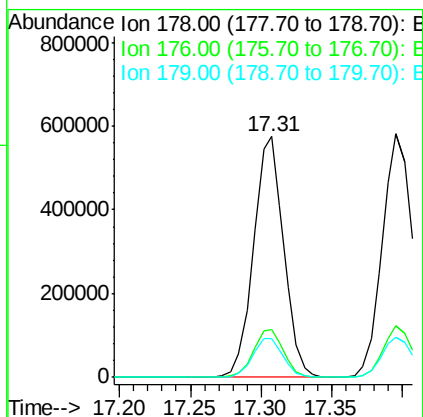
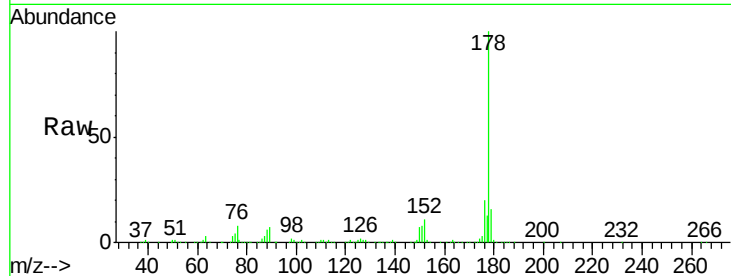
#71
Phenanthrene
Concen: 49.625 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	12.6	19.0

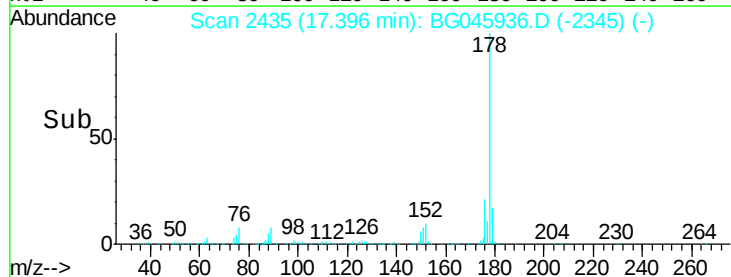
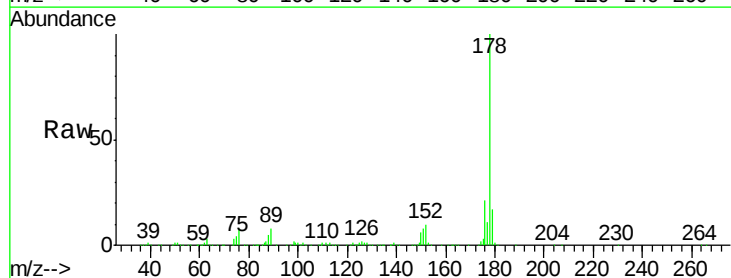
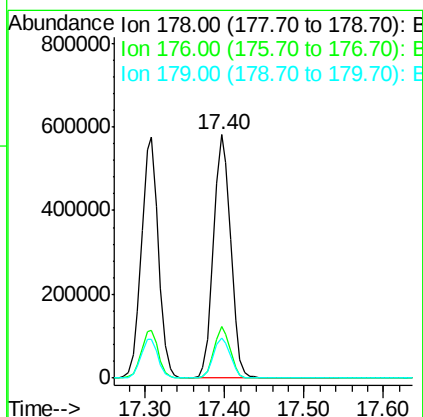
Manual Integrations
APPROVED

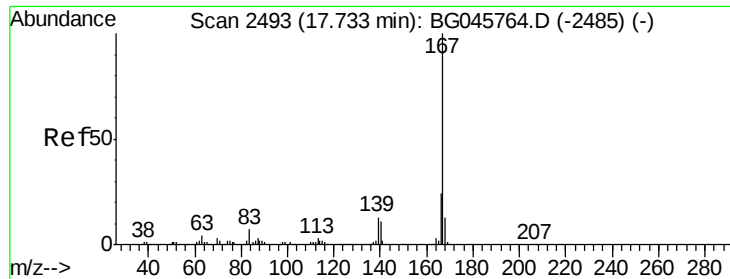
Sohil
7/7/2020 8:19:40 AM



#72
Anthracene
Concen: 50.797 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.6	23.4
179	16.6	13.0	19.4





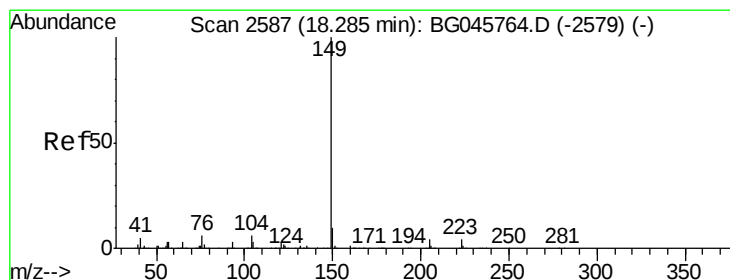
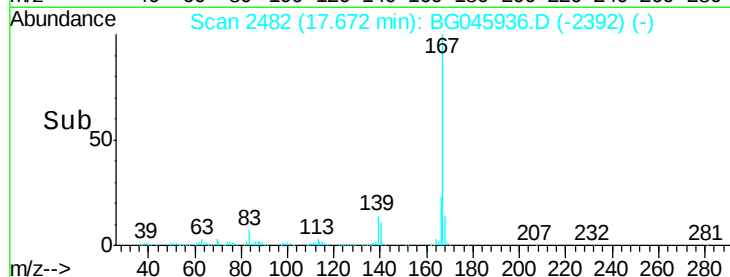
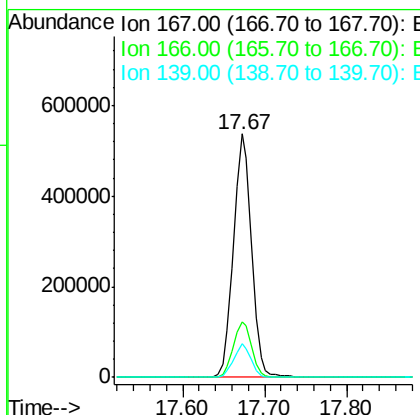
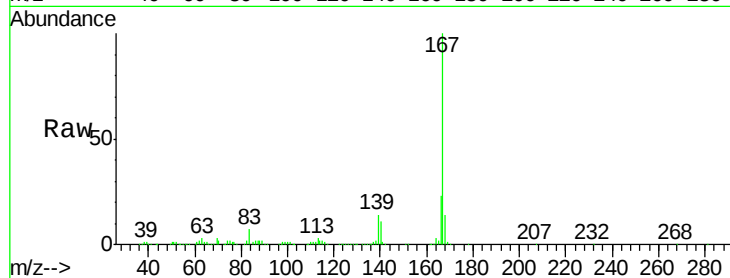
#73
 Carbazole
 Concen: 50.461 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.9	28.3
139	14.1	11.4	17.0

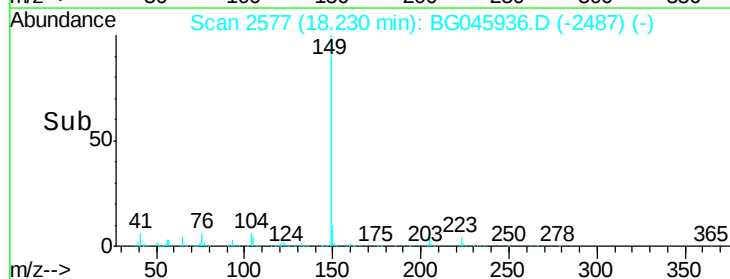
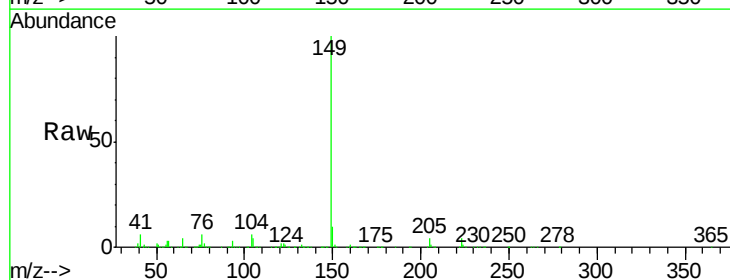
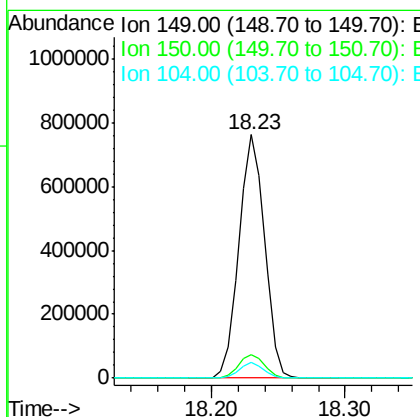
Manual Integrations
 APPROVED

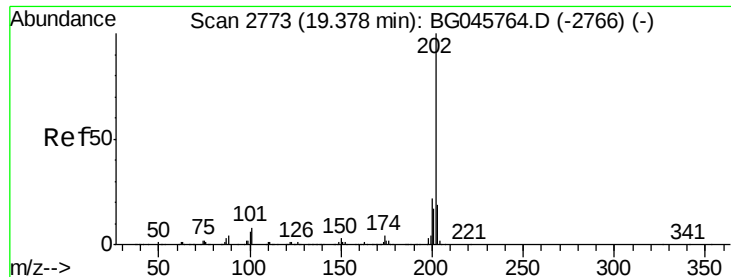
Sohil
 7/7/2020 8:19:40 AM



#74
 Di-n-butylphthalate
 Concen: 51.976 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.0
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 52.564 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

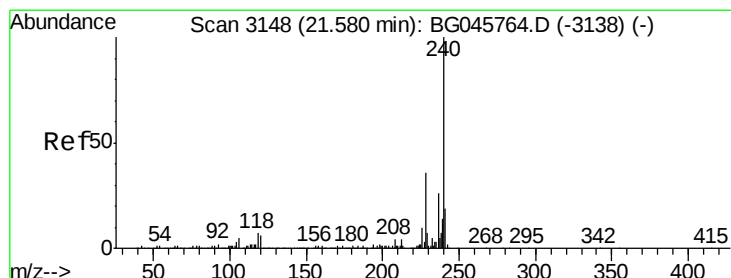
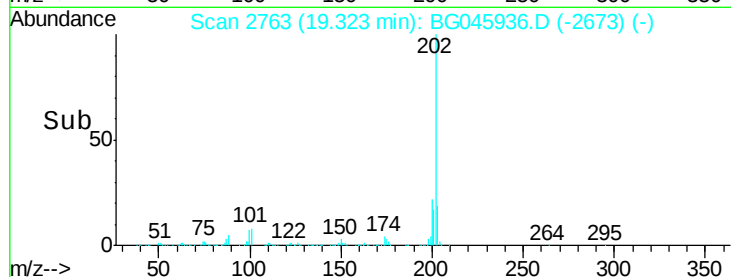
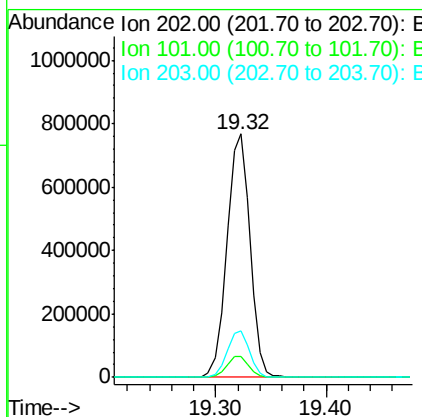
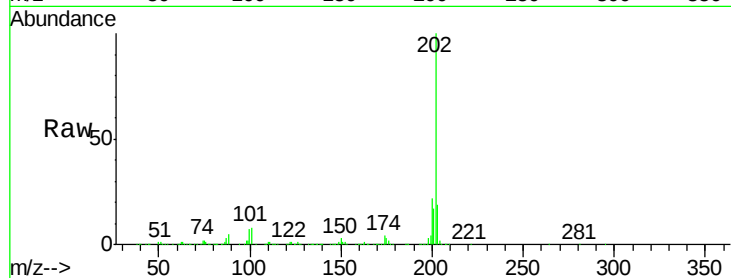
ClientSampleId :

MH-1-COMPMSD

Tot Ion:	202	Resp:	1120505
Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	19.3	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

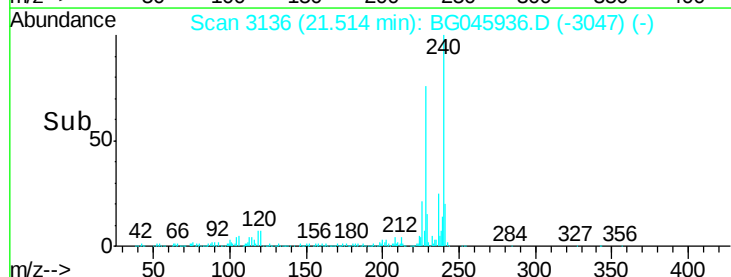
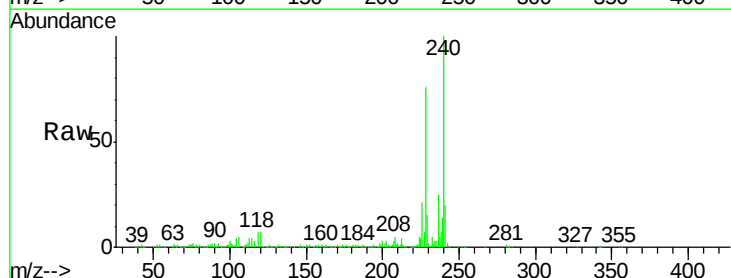
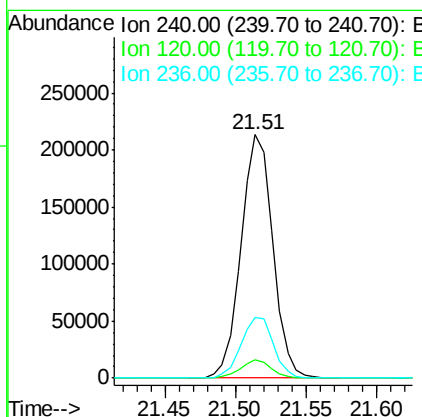
RT: 21.51 min Scan# 3136

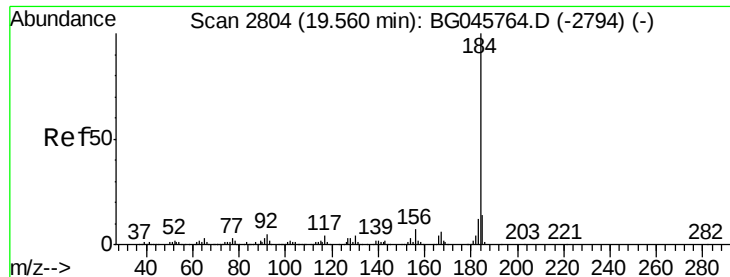
Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:	240	Resp:	335726
Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.2	7.8
236	24.9	20.8	31.2





#77

Benzidine

Concen: 8.841 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

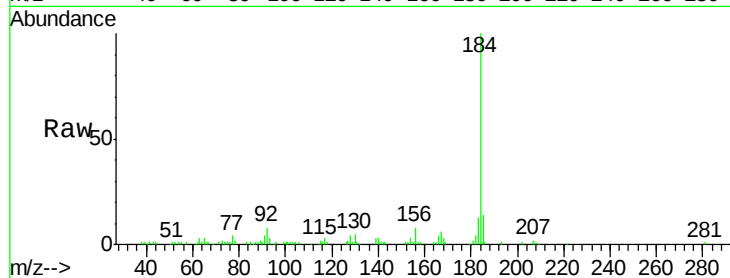
ClientSampleId :

MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.1	16.7
183	12.7	10.6	15.8

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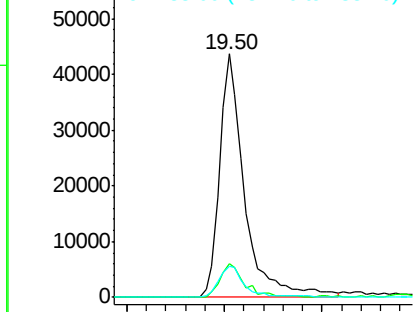


Abundance

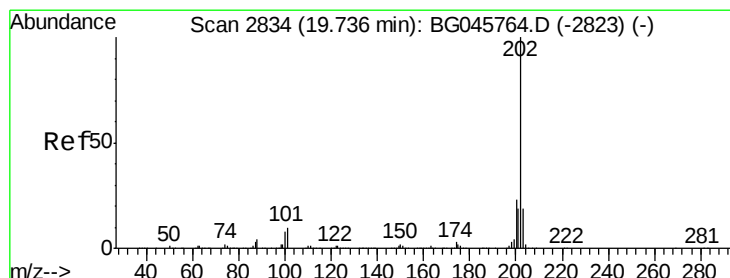
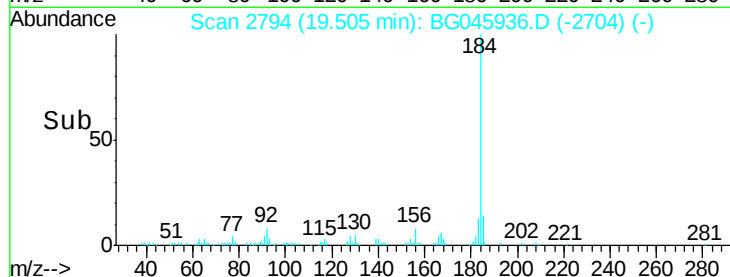
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.40 19.50 19.60



#78

Pyrene

Concen: 49.392 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

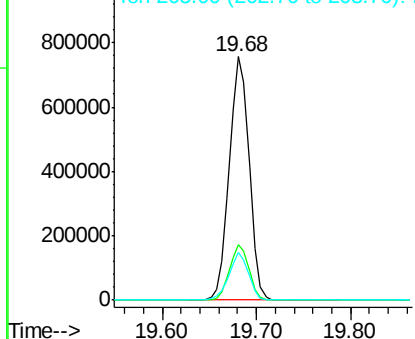
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.1	27.1
203	19.5	15.1	22.7

Abundance

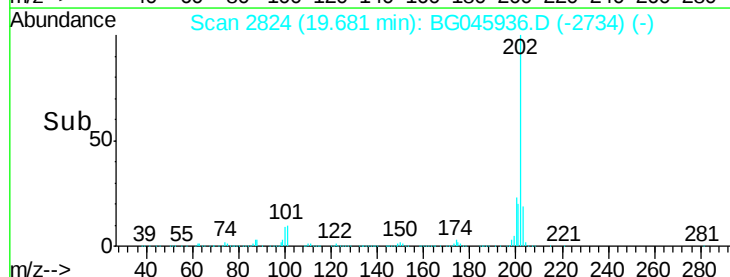
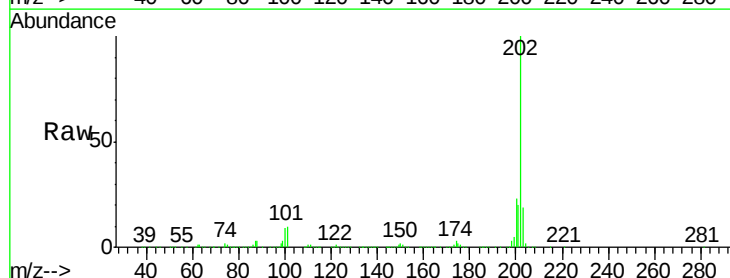
Ion 202.00 (201.70 to 202.70): E

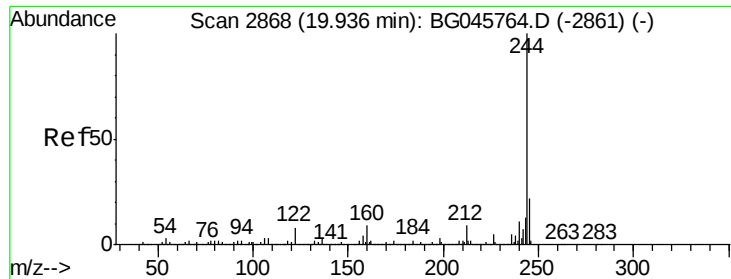
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.60 19.70 19.80





#79

Terphenyl-d14

Concen: 108.783 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

Tot Ion:244 Resp: 1802094

Ion Ratio Lower Upper

244 100

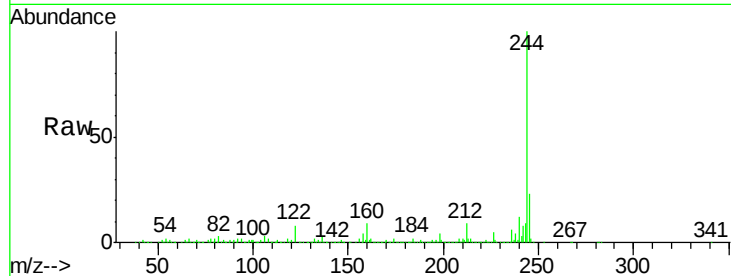
212 9.4 7.0 10.6

122 8.4 6.6 9.8

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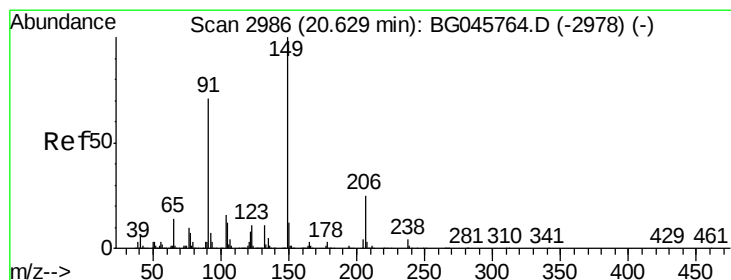
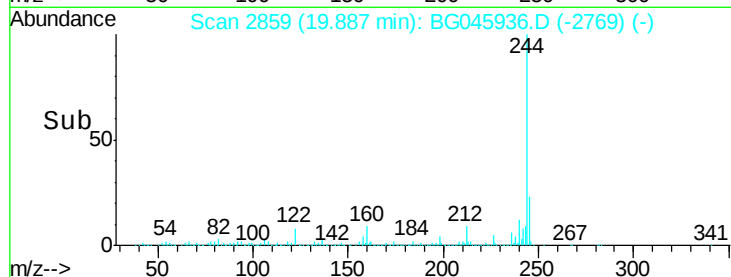
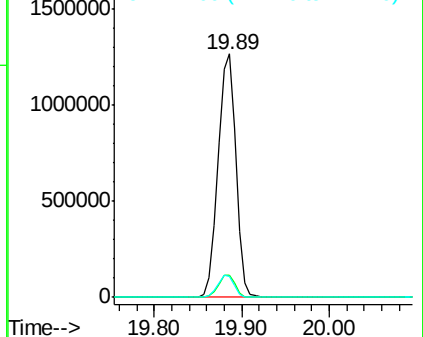
7/7/2020 8:19:40 AM



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: 49.643 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

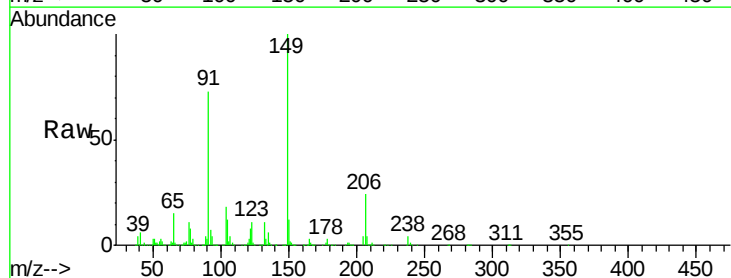
Tgt Ion:149 Resp: 467146

Ion Ratio Lower Upper

149 100

91 73.5 60.4 90.6

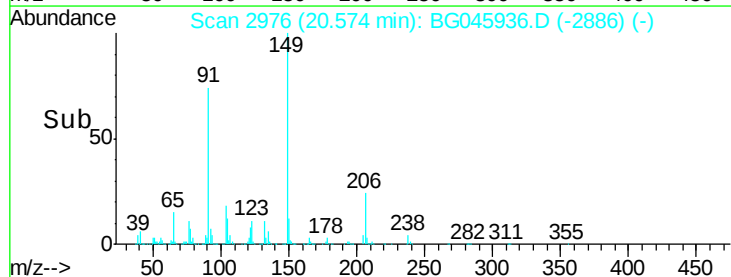
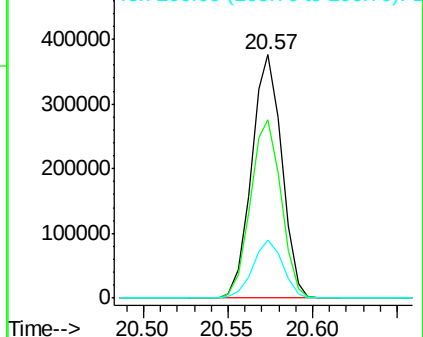
206 23.7 19.8 29.6

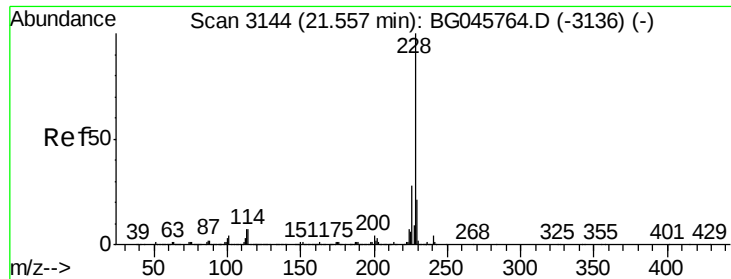


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.210 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

Tot Ion:228 Resp: 1071136

Ion Ratio Lower Upper

228 100

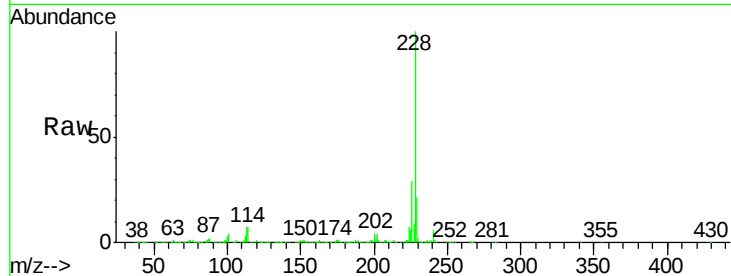
226 29.3 23.3 34.9

229 21.3 16.6 24.8

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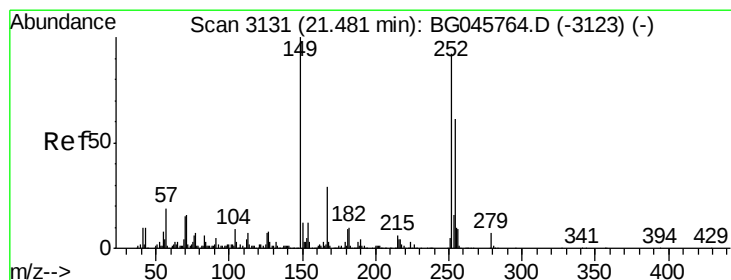
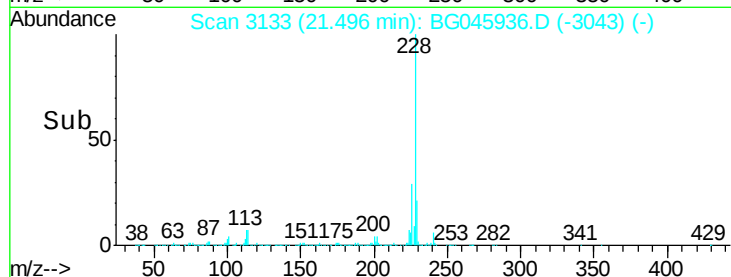
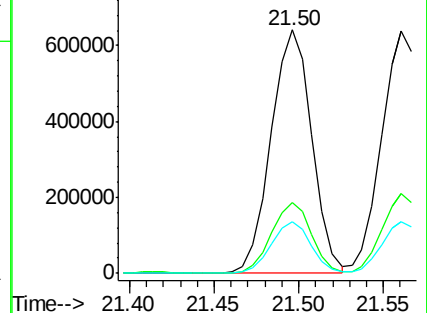
7/7/2020 8:19:40 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.059 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

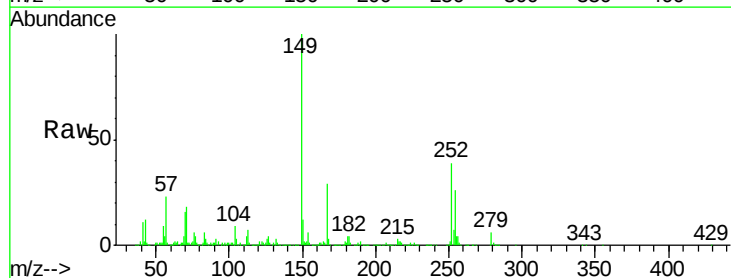
Tgt Ion:252 Resp: 296882

Ion Ratio Lower Upper

252 100

254 65.7 53.8 80.6

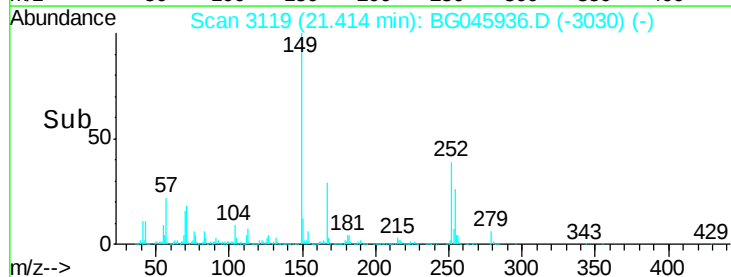
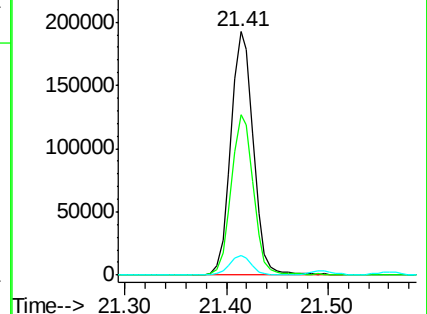
126 8.3 6.4 9.6

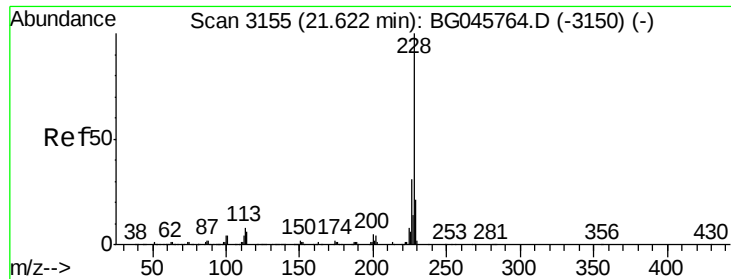


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





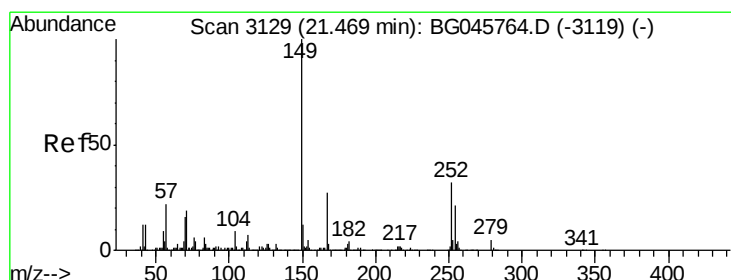
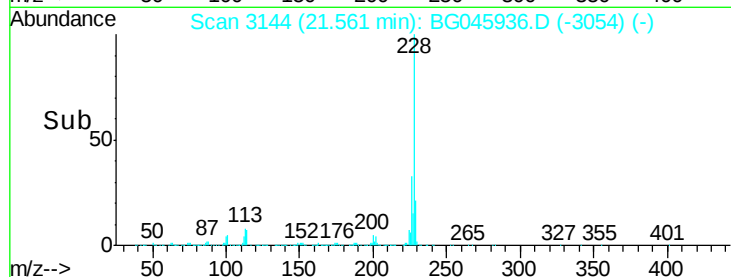
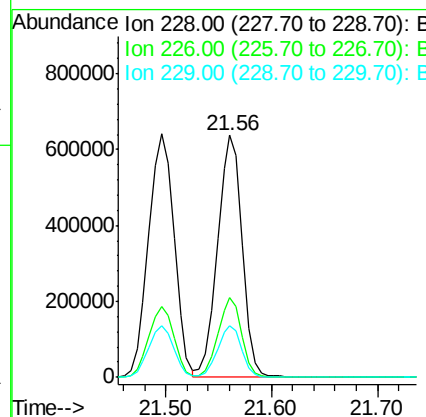
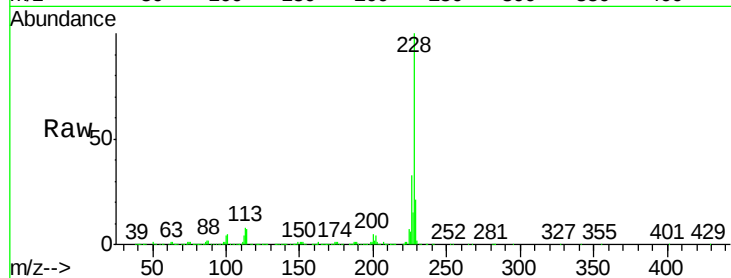
#83
Chrysene
Concen: 49.077 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion:228 Resp: 1033213
Ion Ratio Lower Upper
228 100
226 32.8 25.8 38.6
229 21.4 16.4 24.6

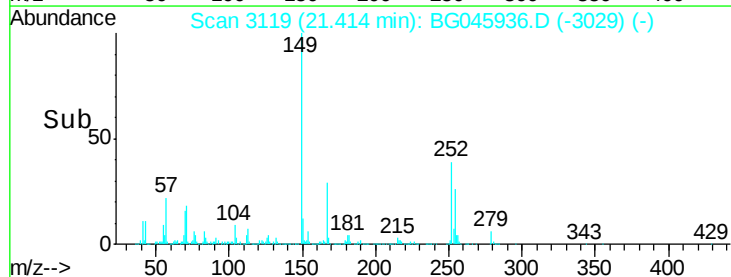
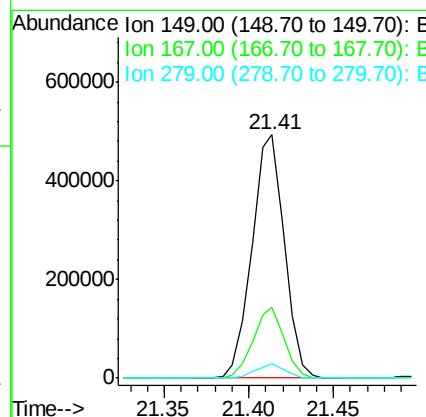
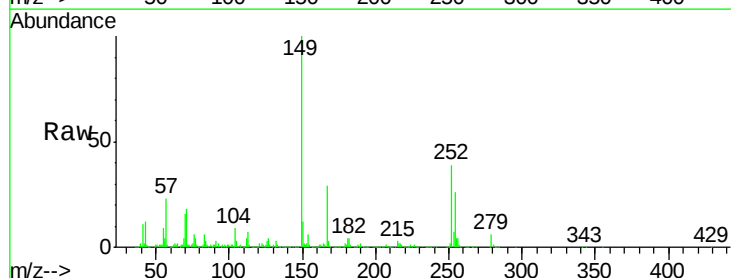
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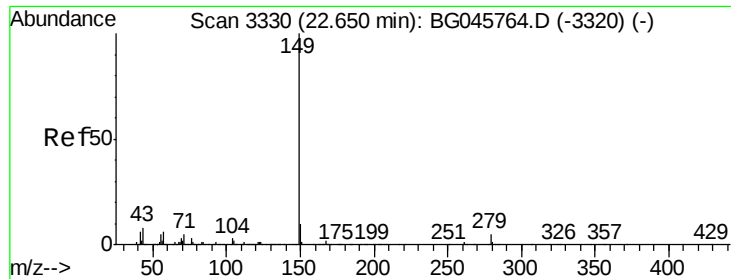
Sohil
7/7/2020 8:19:40 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.192 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:149 Resp: 656973
Ion Ratio Lower Upper
149 100
167 28.8 22.5 33.7
279 5.7 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 49.994 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

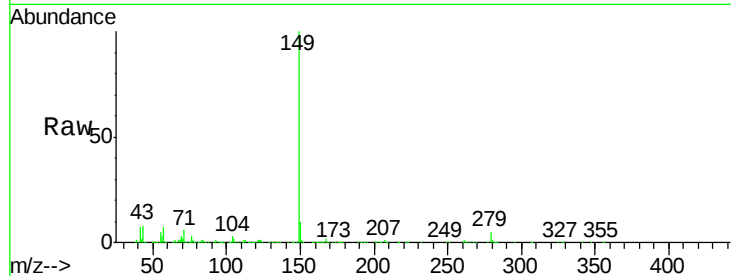
ClientSampleId :

MH-1-COMPMSD

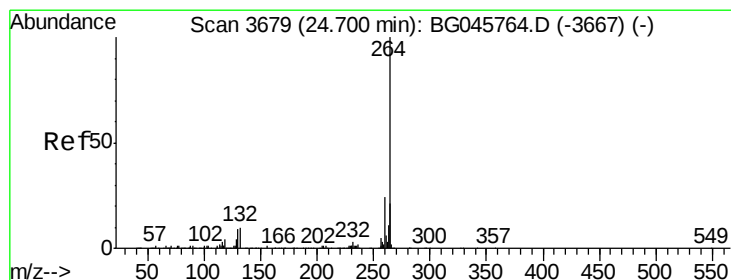
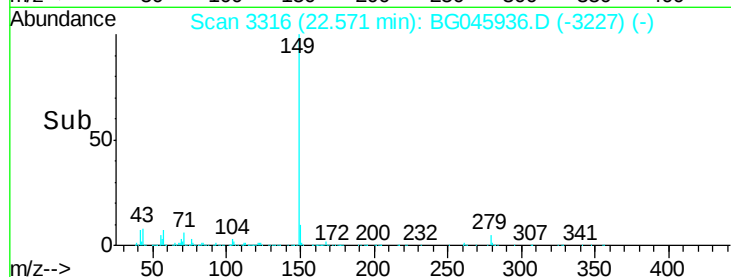
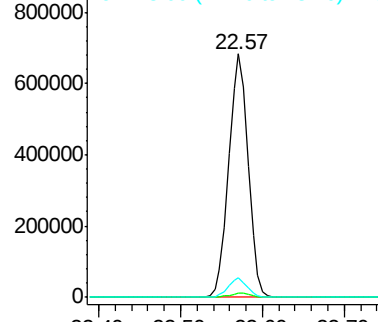
Tot Ion:	149	Resp:	1128751
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.6	6.1	9.1

Manual Integrations
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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

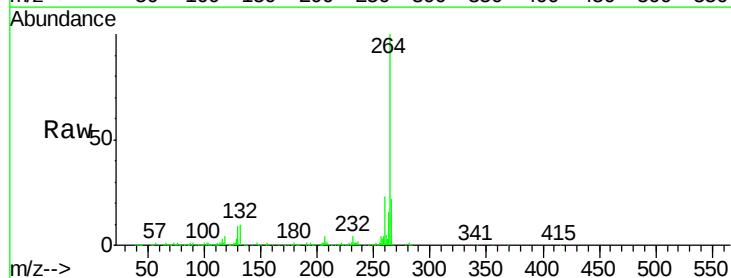
RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

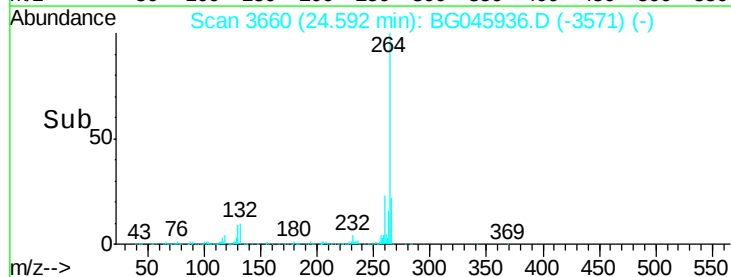
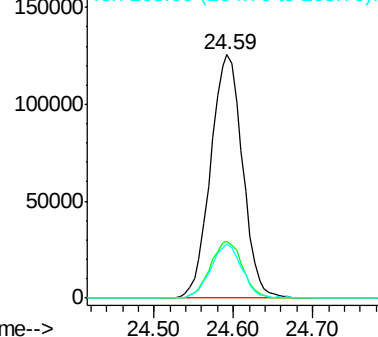
Lab File: BG045936.D

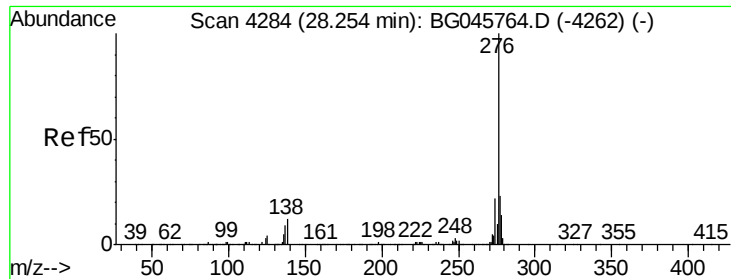
Acq: 3 Jul 2020 6:47

Tgt Ion:	264	Resp:	350531
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.5	27.7
265	22.1	16.4	24.6



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





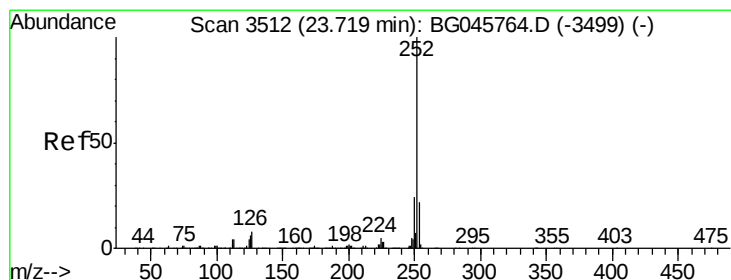
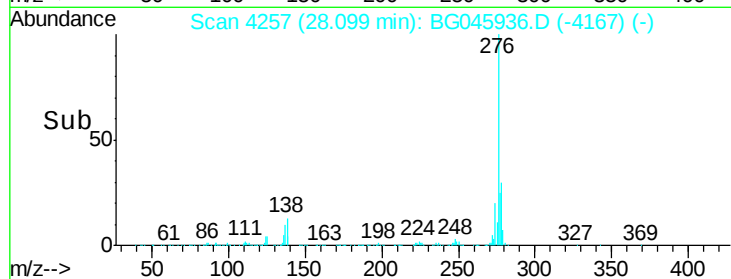
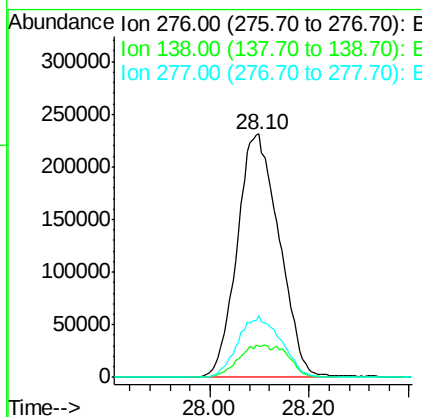
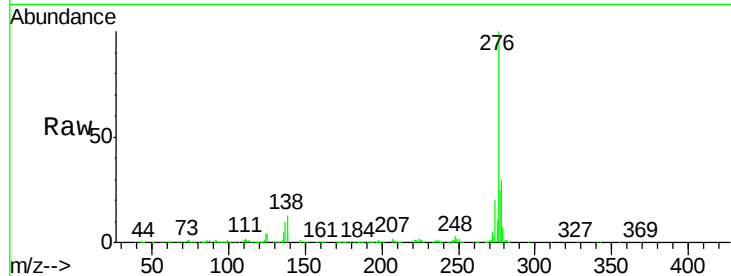
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.303 ng
 RT: 28.10 min Scan# 4257
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.9	8.4	12.6
277	25.8	20.8	31.2

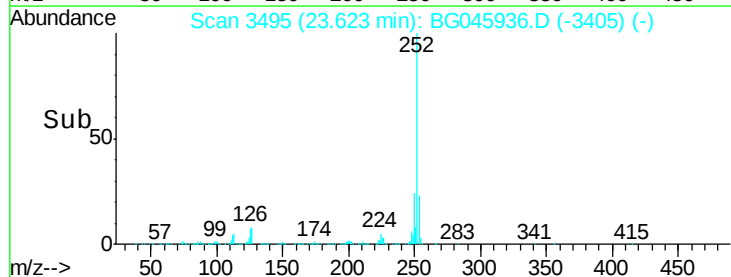
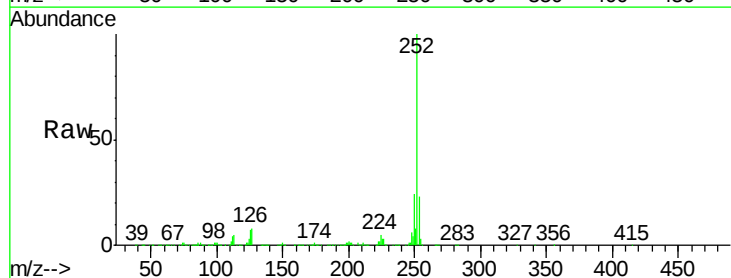
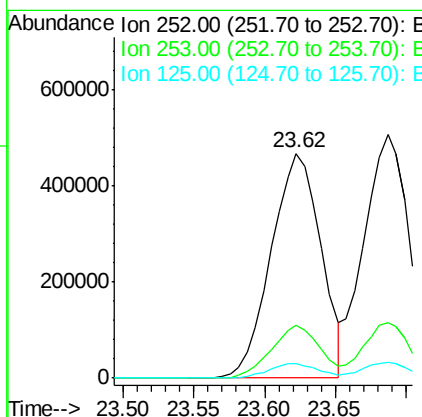
Manual Integrations
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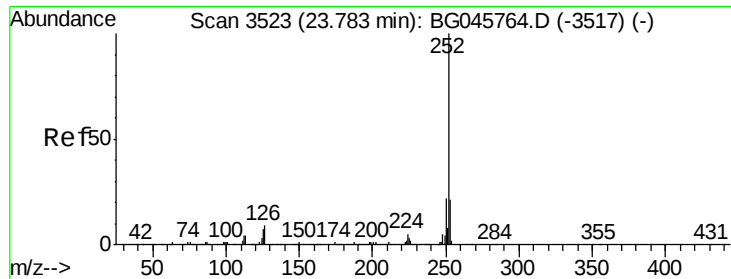
Sohil
 7/7/2020 8:19:40 AM



#88
 Benzo(b)fluoranthene
 Concen: 52.195 ng
 RT: 23.62 min Scan# 3495
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	6.7	5.2	7.8





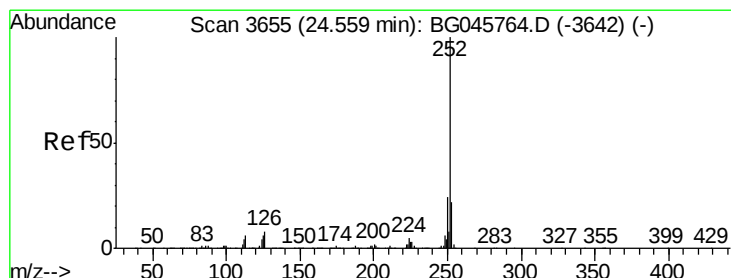
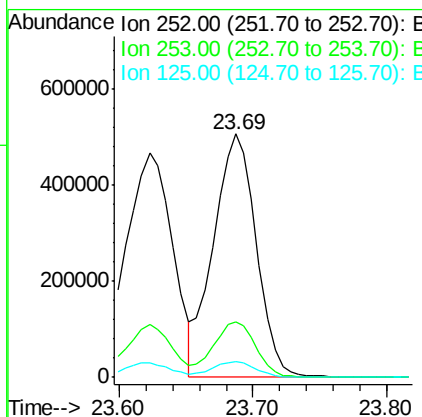
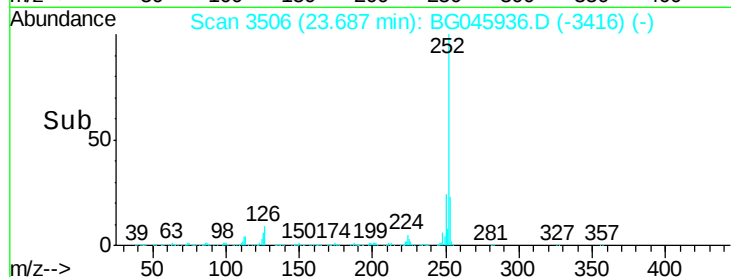
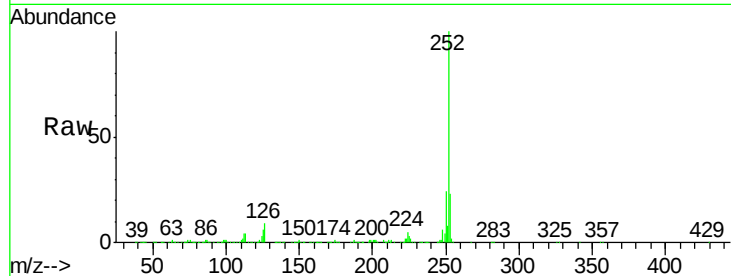
#89
Benzo(k)fluoranthene
Concen: 53.551 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	6.4	5.2	7.8

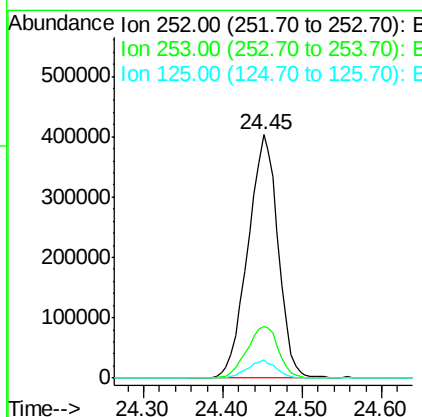
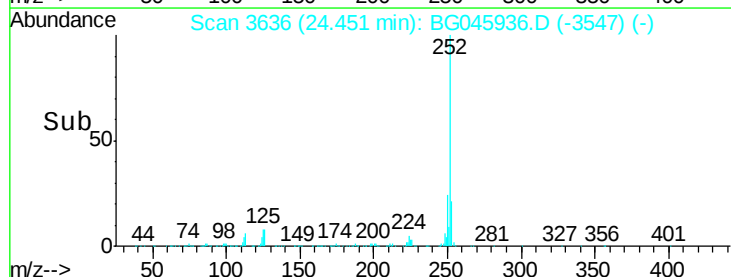
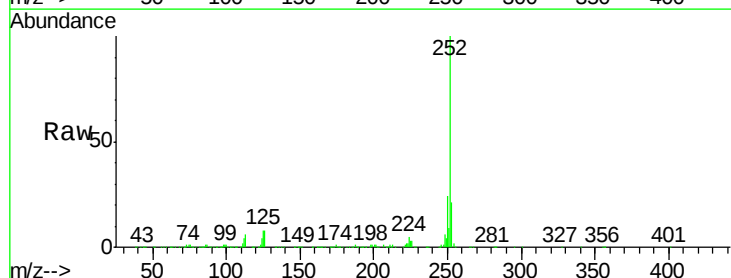
Manual Integrations
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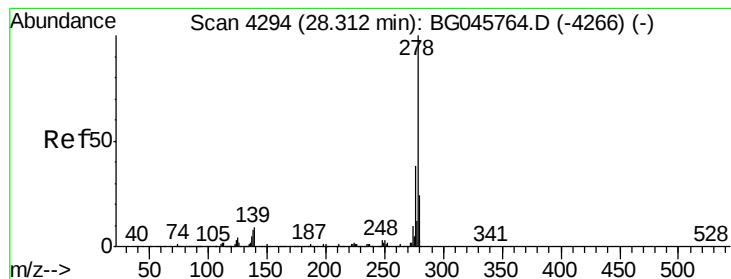
Sohil
7/7/2020 8:19:40 AM



#90
Benzo(a)pyrene
Concen: 52.057 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	7.7	5.4	8.0





#91

Dibenzo(a,h)anthracene

Concen: 54.232 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

Tot Ion:278 Resp: 1105135

Ion Ratio Lower Upper

278 100

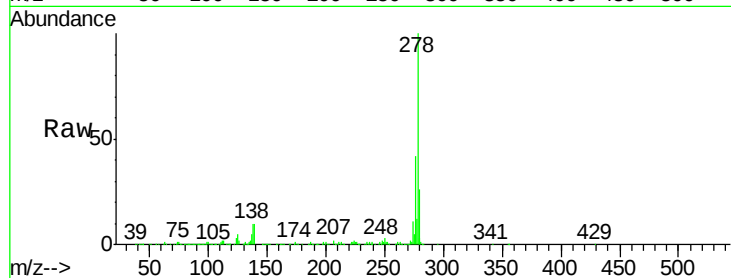
139 9.7 7.8 11.8

279 25.8 19.4 29.0

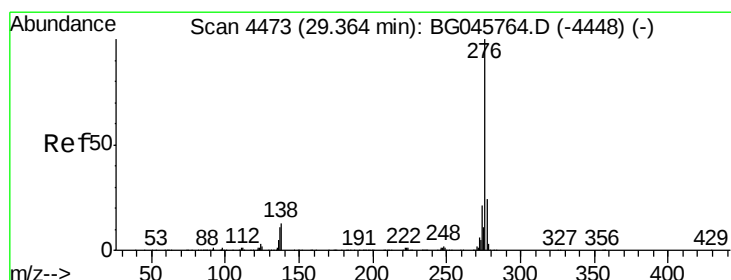
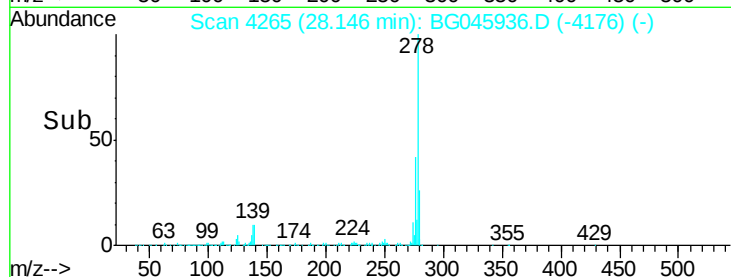
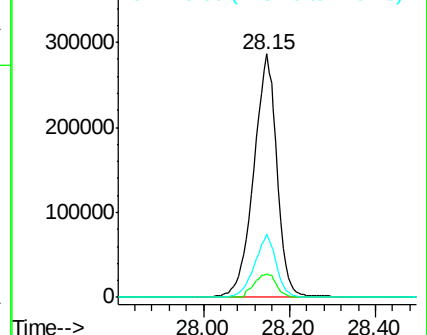
Manual Integrations
APPROVED

Sohil

7/7/2020 8:19:40 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.187 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

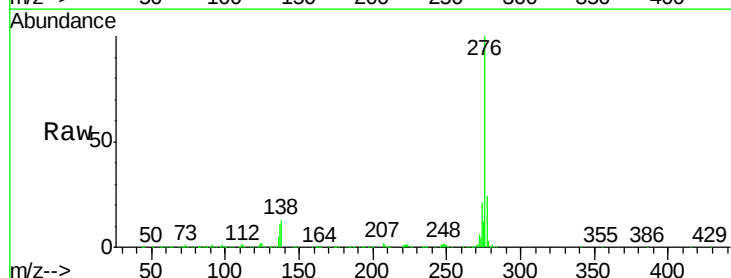
Tgt Ion:276 Resp: 1084842

Ion Ratio Lower Upper

276 100

277 24.4 18.2 27.2

138 12.7 10.1 15.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

