

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045506.D
 Acq On : 28 May 2020 20:58
 Operator : CG/JU
 Sample : L2498-16MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Manual Integrations
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mohammad
 5/29/2020 10:27:09 PM

Quant Time: May 29 01:53:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	75965	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	316975	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	230412	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	504830	20.00	ng	0.00
76) Chrysene-d12	21.61	240	440819	20.00	ng	0.00
87) Perylene-d12	24.76	264	484082	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	550121	141.53	ng	0.00
7) Phenol-d6	7.17	99	712199	128.73	ng	0.00
23) Nitrobenzene-d5	9.12	82	599789	103.19	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	446159	151.41	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1368962	100.78	ng	0.00
79) Terphenyl-d14	19.96	244	2037478	107.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	66658	34.582	ng	# 39
3) Pyridine	3.82	79	122841	22.882	ng	94
4) n-Nitrosodimethylamine	3.72	42	74251	42.268	ng	98
6) Aniline	7.29	93	228543	31.645	ng	97
8) 2-Chlorophenol	7.54	128	225201	52.831	ng	98
9) Benzaldehyde	7.09	77	112552	31.225	ng	96
10) Phenol	7.20	94	237155	41.592	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	213047	47.902	ng	98
12) 1,3-Dichlorobenzene	7.85	146	231651	45.222	ng	98
13) 1,4-Dichlorobenzene	7.99	146	238636	47.206	ng	99
14) 1,2-Dichlorobenzene	8.31	146	225908	46.463	ng	97
15) Benzyl Alcohol	8.21	79	238574	52.200	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	193872	45.922	ng	97
17) 2-Methylphenol	8.44	107	200481	46.974	ng	96
18) Hexachloroethane	9.04	117	90328	46.654	ng	88
19) n-Nitroso-di-n-propylamine	8.77	70	195682	51.148	ng	97
20) 3+4-Methylphenols	8.77	107	266071	45.782	ng	# 78
22) Acetophenone	8.78	105	353630	47.071	ng	# 98
24) Nitrobenzene	9.17	77	292162	46.913	ng	99
25) Isophorone	9.69	82	553962	48.392	ng	98
26) 2-Nitrophenol	9.88	139	131977	49.539	ng	93
27) 2,4-Dimethylphenol	9.96	122	221548	56.070	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	299024	49.809	ng	99
29) 2,4-Dichlorophenol	10.43	162	246173	52.759	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	266387	48.315	ng	97
31) Naphthalene	10.82	128	733734	49.675	ng	99
32) Benzoic acid	10.14	122	113352	43.395	ng	89
33) 4-Chloroaniline	10.93	127	64887	10.509	ng	97
34) Hexachlorobutadiene	11.11	225	181073	46.460	ng	97
35) Caprolactam	11.70	113	60123m	35.105	ng	
36) 4-Chloro-3-methylphenol	12.09	107	278950	53.054	ng	99
37) 2-Methylnaphthalene	12.43	142	554896	50.403	ng	97
38) 1-Methylnaphthalene	12.64	142	525362	50.517	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	323615	50.284	ng	99

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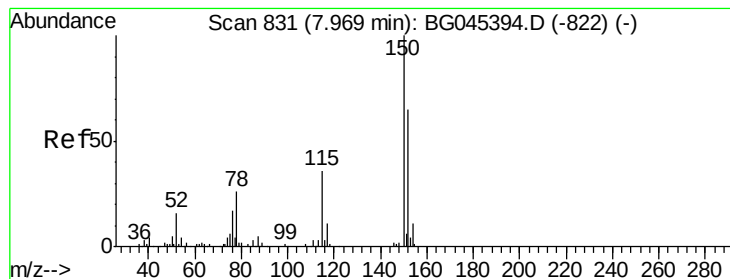
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	271251	73.023	nq	99
43) 2,4,6-Trichlorophenol	13.05	196	222315	49.727	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	234670	45.934	nq	97
46) 1,1'-Biphenyl	13.44	154	711651	50.266	nq	100
47) 2-Chloronaphthalene	13.48	162	543029	47.234	nq	100
48) 2-Nitroaniline	13.68	65	177176	46.850	nq	# 87
49) Acenaphthylene	14.32	152	903058	48.902	nq	99
50) Dimethylphthalate	14.06	163	888682	56.224	nq	99
51) 2,6-Dinitrotoluene	14.18	165	167586	46.987	nq	98
52) Acenaphthene	14.67	154	640738m	51.835	nq	
53) 3-Nitroaniline	14.51	138	91610	25.267	nq	93
54) 2,4-Dinitrophenol	14.72	184	162577	70.295	nq	98
55) Dibenzofuran	15.00	168	869827	47.385	nq	98
56) 4-Nitrophenol	14.87	139	195226	71.121	nq	90
57) 2,4-Dinitrotoluene	14.97	165	236491	45.783	nq	96
58) Fluorene	15.65	166	709873	47.071	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	216749	48.224	nq	98
60) Diethylphthalate	15.42	149	745941	45.342	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	400154	46.369	nq	99
62) 4-Nitroaniline	15.68	138	152220	40.216	nq	96
63) Azobenzene	15.94	77	710576	46.321	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	135514	46.091	nq	99
66) n-Nitrosodiphenylamine	15.86	169	633412	52.258	nq	98
67) 4-Bromophenyl-phenylether	16.54	248	272331	49.818	nq	98
68) Hexachlorobenzene	16.66	284	296163	51.799	nq	98
69) Atrazine	16.81	200	236461	47.363	nq	99
70) Pentachlorophenol	17.01	266	289667	97.572	nq	96
71) Phenanthrene	17.40	178	1099323	49.882	nq	99
72) Anthracene	17.48	178	1128731	51.000	nq	96
73) Carbazole	17.76	167	1012027	46.911	nq	99
74) Di-n-butylphthalate	18.31	149	1198273	46.277	nq	99
75) Fluoranthene	19.40	202	1299162	46.346	nq	100
77) Benzidine	19.58	184	325220	26.268	nq	100
78) Pyrene	19.76	202	1287835	51.250	nq	99
80) Butylbenzylphthalate	20.65	149	521583	48.089	nq	97
81) Benzo(a)anthracene	21.59	228	1238026	50.415	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	270040	28.034	nq	97
83) Chrysene	21.65	228	1156298	48.971	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	726677	48.739	nq	99
85) Di-n-octyl phthalate	22.69	149	1214172	47.415	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1548237	50.142	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1321222	50.891	nq	99
89) Benzo(k)fluoranthene	23.83	252	1223288	50.154	nq	98
90) Benzo(a)pyrene	24.61	252	1190541	49.239	nq	100
91) Dibenzo(a,h)anthracene	28.40	278	1257539	51.756	nq	100
92) Benzo(g,h,i)perylene	29.45	276	1293194	53.217	nq	99

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



#1

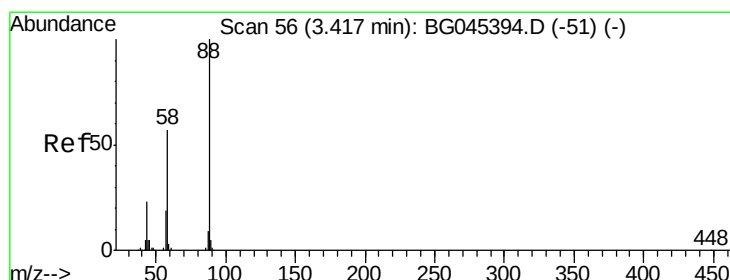
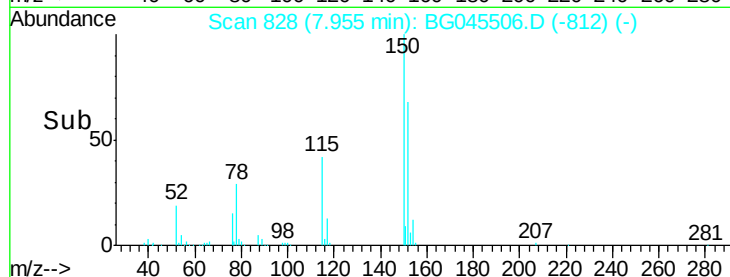
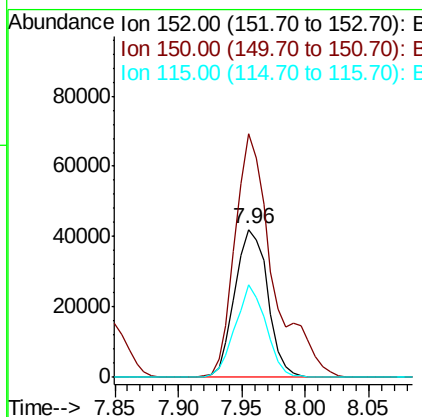
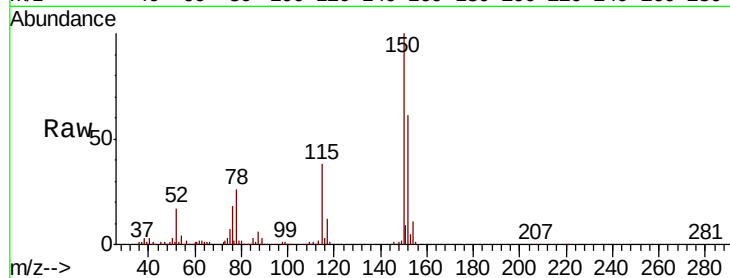
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	122.4	183.6
115	62.1	44.2	66.4

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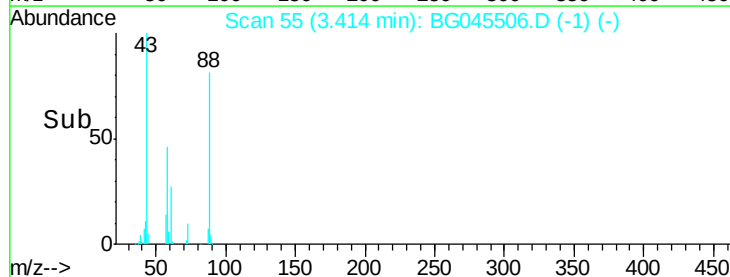
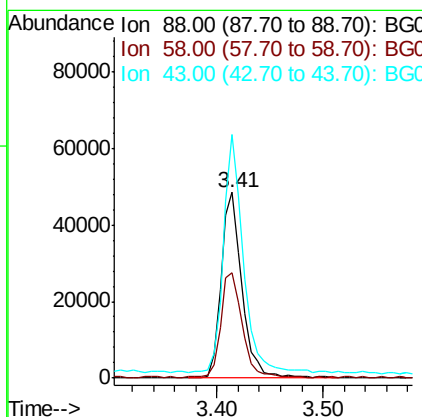
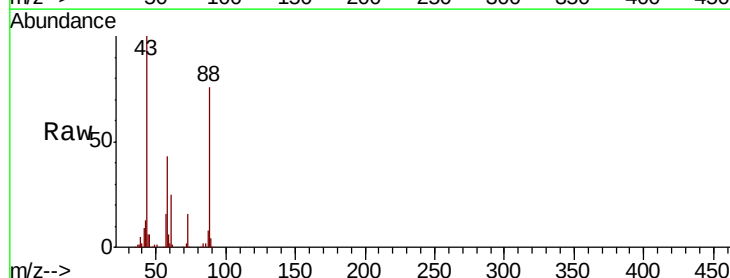
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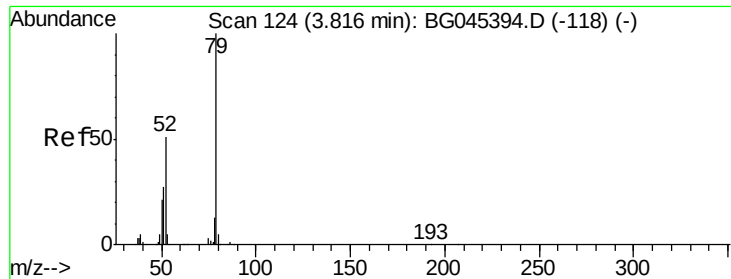


#2

1,4-Dioxane
Concen: 34.582 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	45.7	68.5
43	121.5	16.8	25.2





#3

Pvridine

Concen: 22.882 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

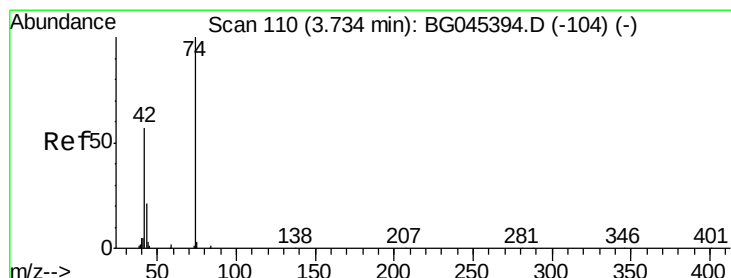
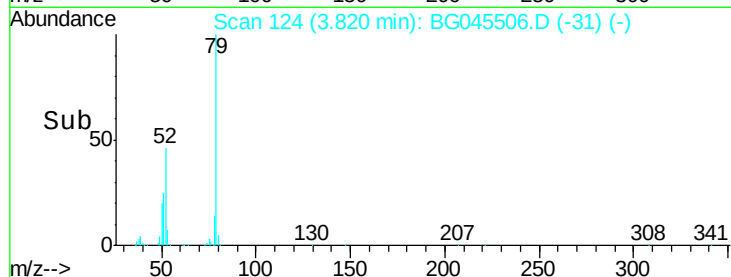
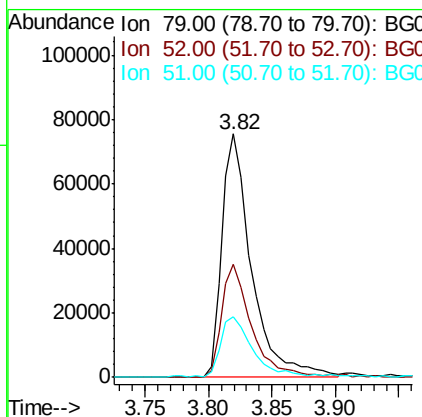
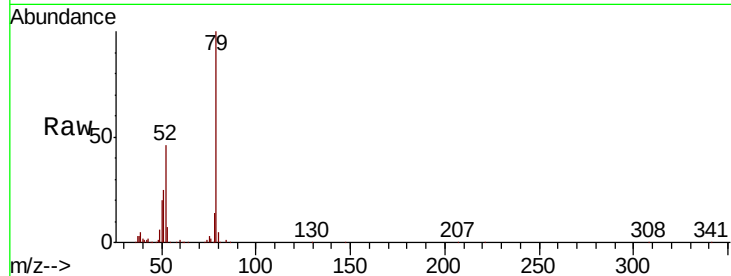
ClientSampleId :

CL-01-052220MSD

Tot Ion:	79	Resp:	122841
Ion	Ratio	Lower	Upper
79	100		
52	46.5	40.8	61.2
51	25.1	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 42.268 ng

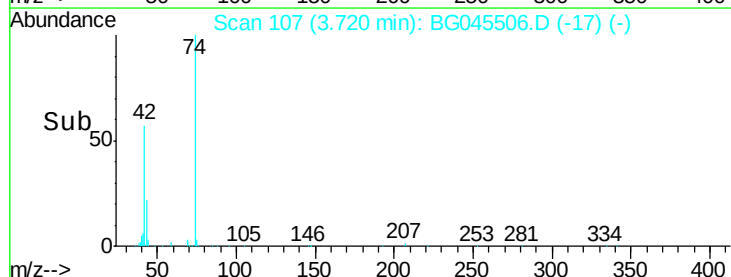
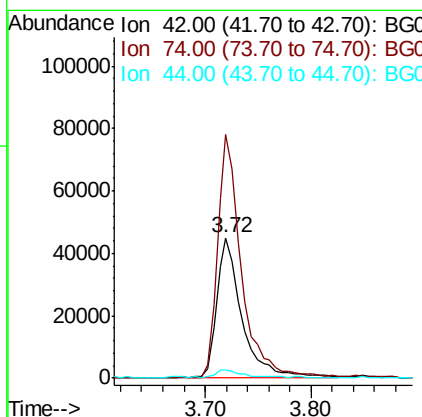
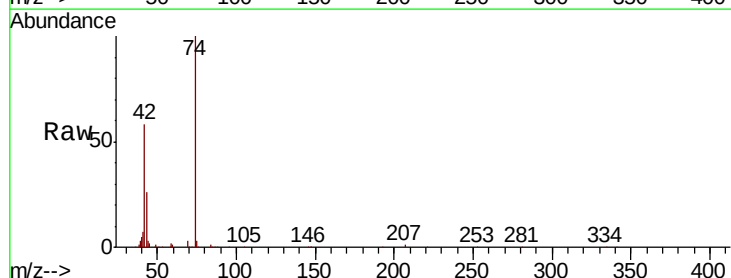
RT: 3.72 min Scan# 107

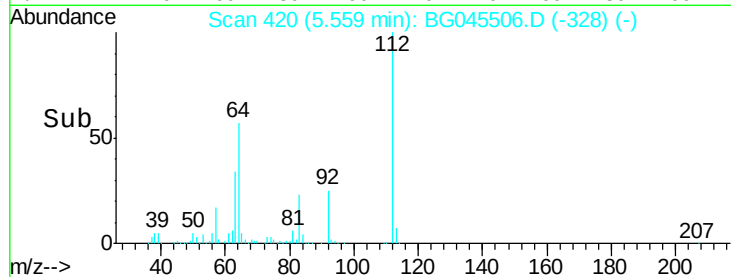
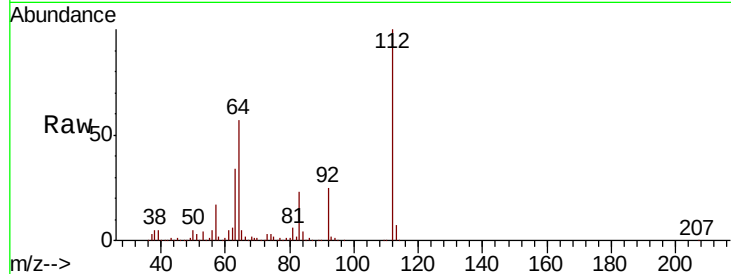
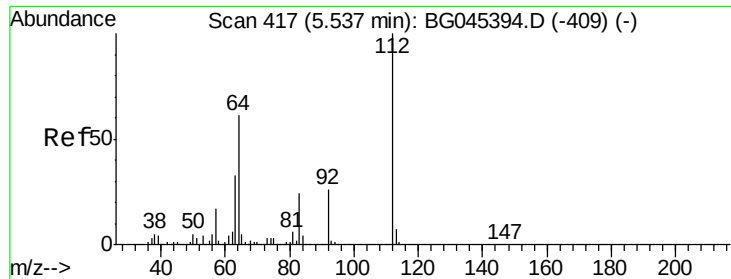
Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	42	Resp:	74251
Ion	Ratio	Lower	Upper
42	100		
74	173.7	141.3	211.9
44	6.0	4.2	6.4





#5

2-Fluorophenol

Concen: 141.526 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.01 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		550121		
64	57.4	48.6	72.8		
63	33.9	26.5	39.7		

Instrument :

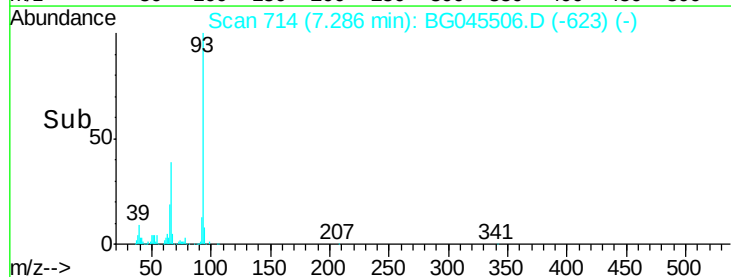
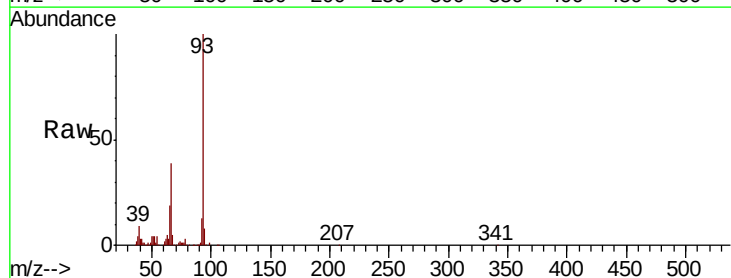
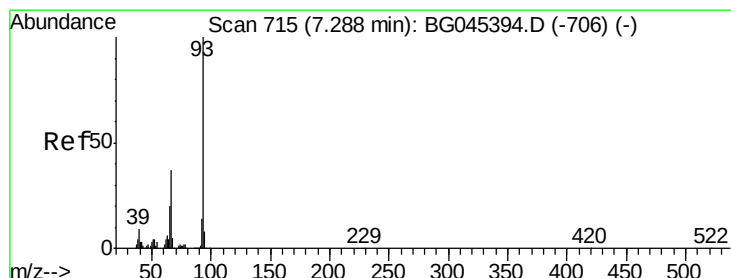
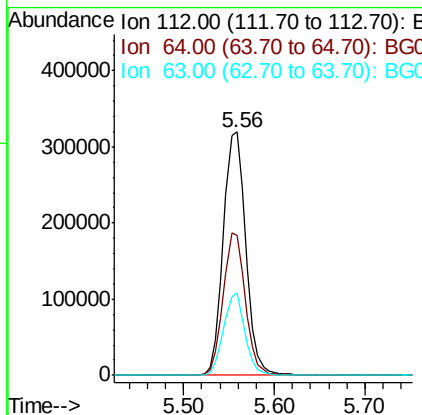
BNA_G

ClientSampleId :

CL-01-052220MSD

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#6

Aniline

Concen: 31.645 ng

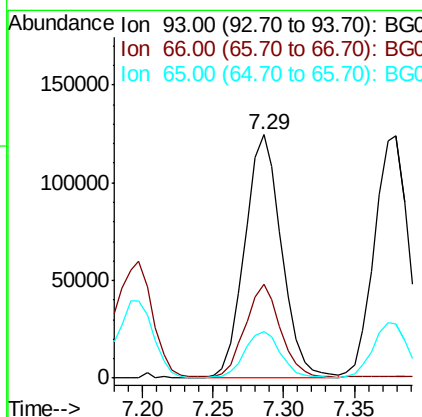
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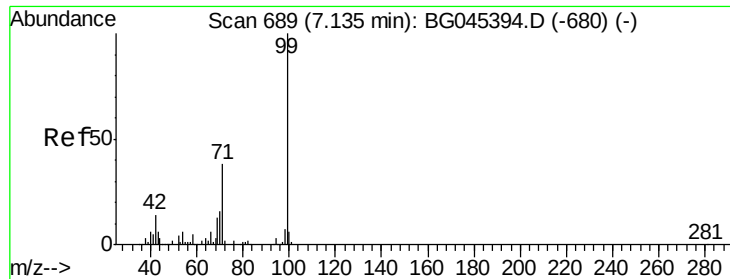
Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		228543		
66	38.6	29.6	44.4		
65	18.8	15.9	23.9		





#7

Phenol-d6

Concen: 128.731 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

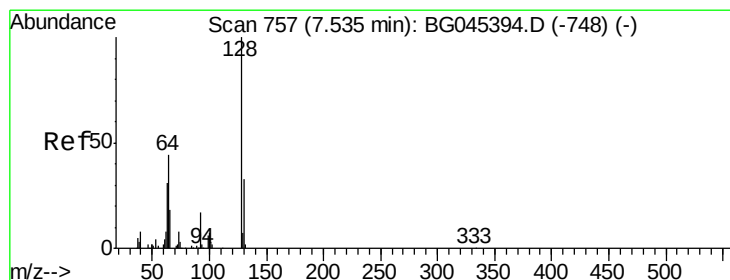
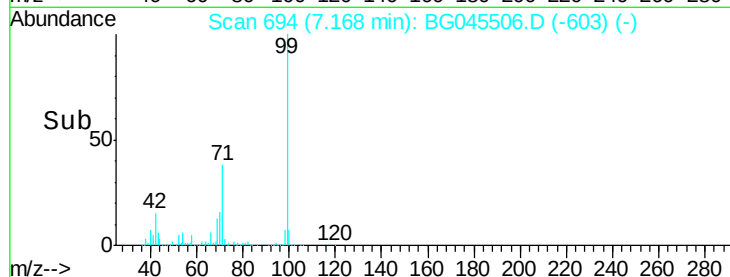
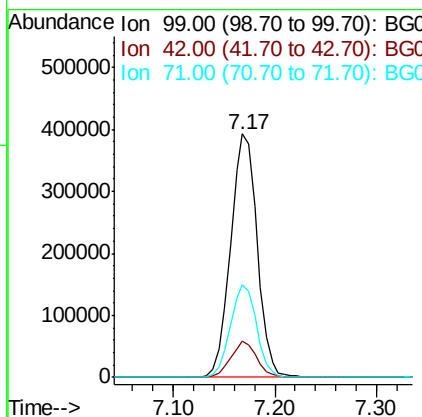
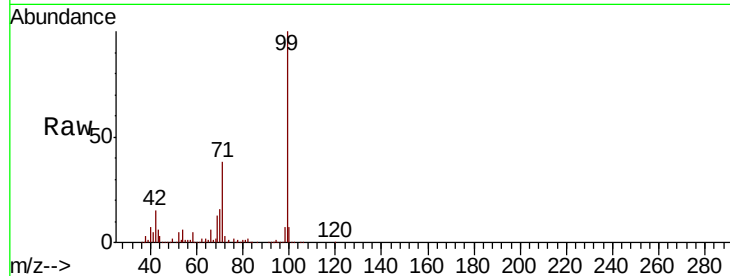
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		712199		
42	14.8	11.3	16.9		
71	37.8	30.8	46.2		

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#8

2-Chlorophenol

Concen: 52.831 ng

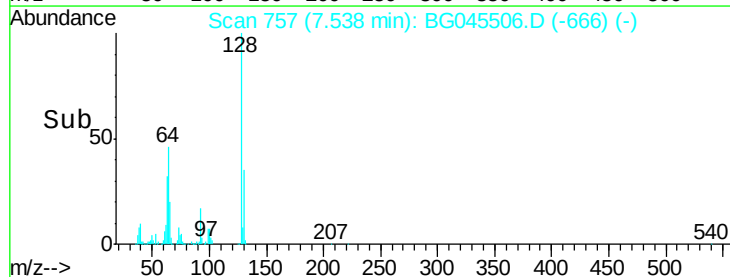
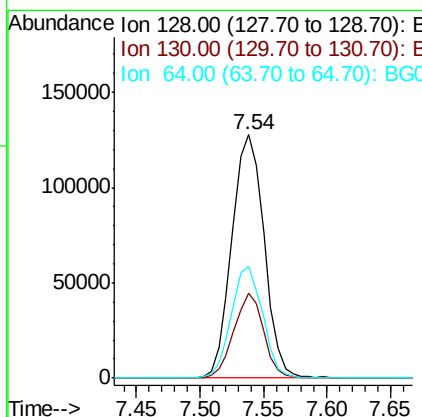
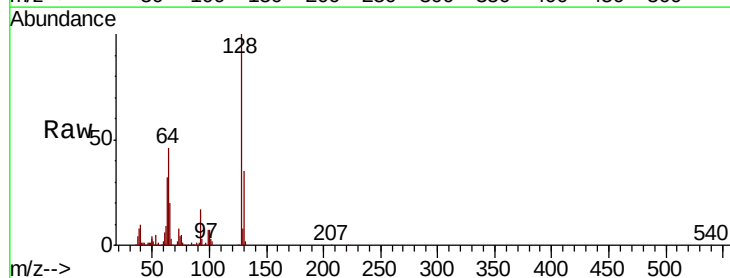
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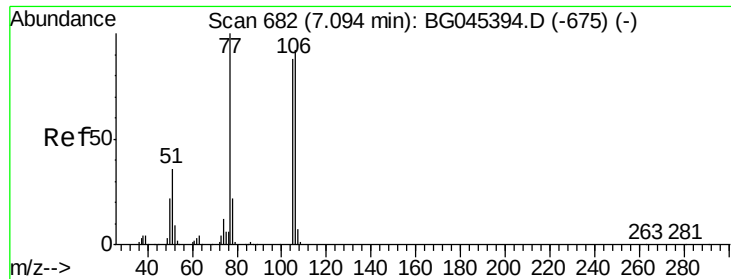
Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		225201		
130	34.7	12.6	52.6		
64	46.0	27.0	67.0		





#9

Benzaldehyde

Concen: 31.225 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

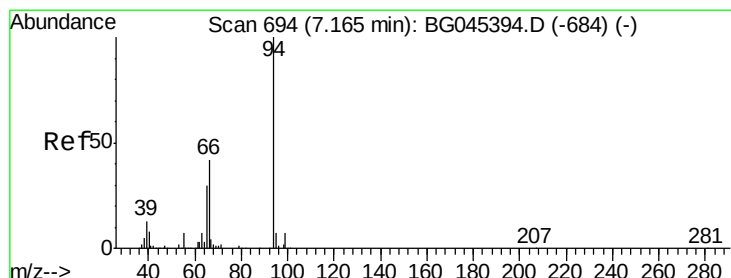
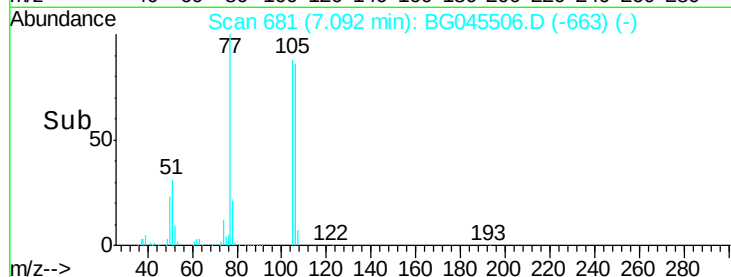
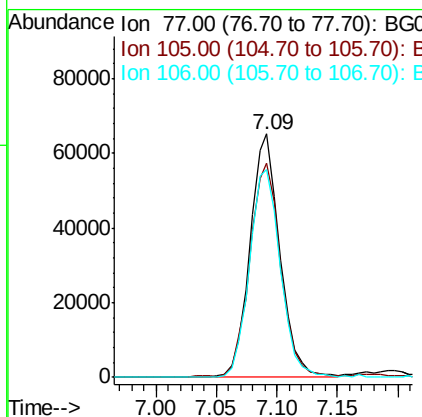
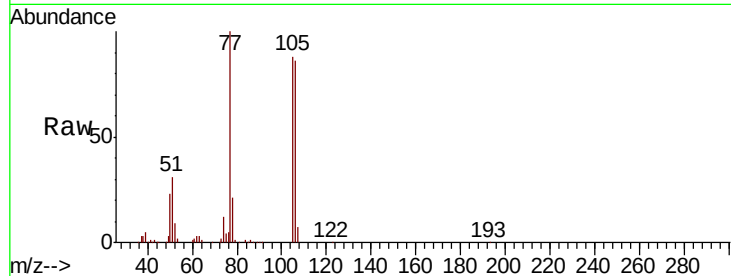
ClientSampleId :

CL-01-052220MSD

Tot Ion:	77	Resp:	112552
Ion Ratio	Lower	Upper	
77	100		
105	87.8	68.5	108.5
106	85.5	71.6	111.6

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#10

Phenol

Concen: 41.592 ng

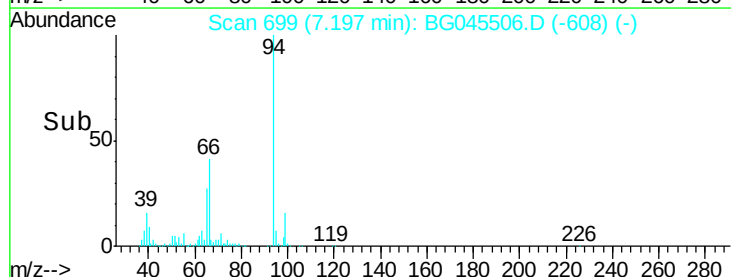
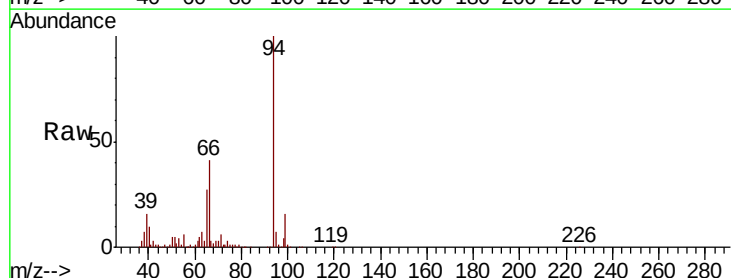
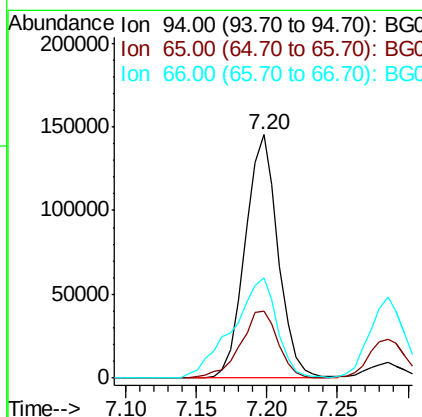
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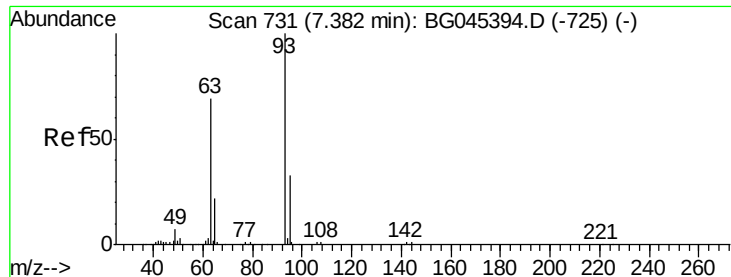
Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	94	Resp:	237155
Ion Ratio	Lower	Upper	
94	100		
65	27.3	9.8	49.8
66	41.1	22.0	62.0





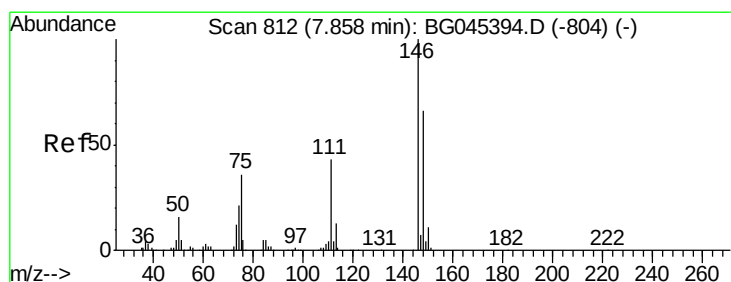
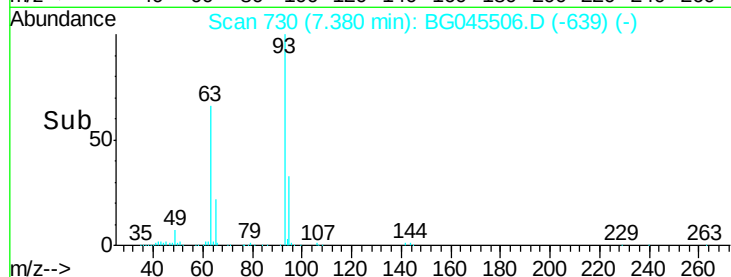
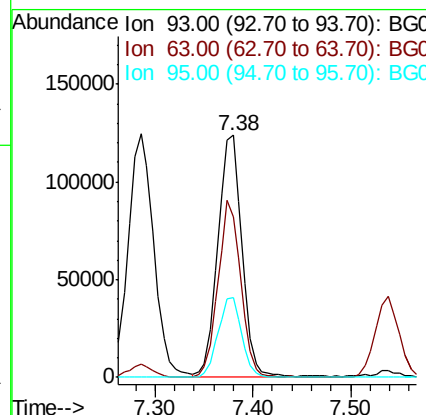
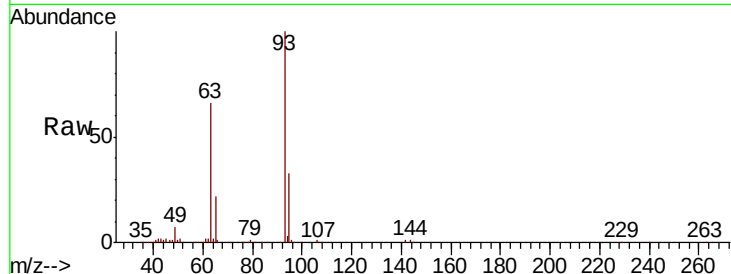
#11
bis(2-Chloroethyl)ether
Concen: 47.902 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion:	93	Resp:	213047
Ion Ratio	Lower	Upper	
93	100		
63	66.3	48.4	88.4
95	32.8	12.4	52.4

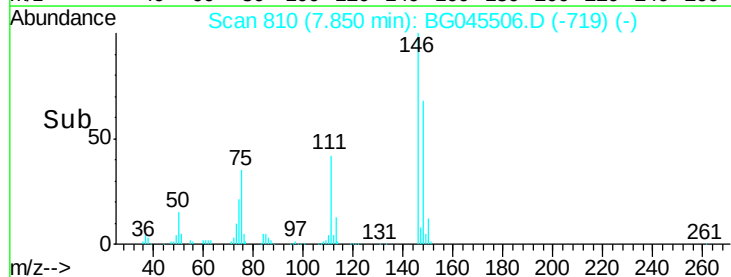
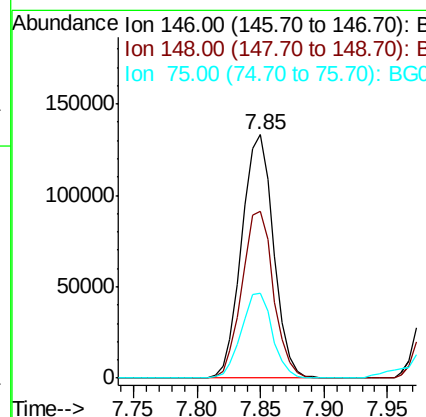
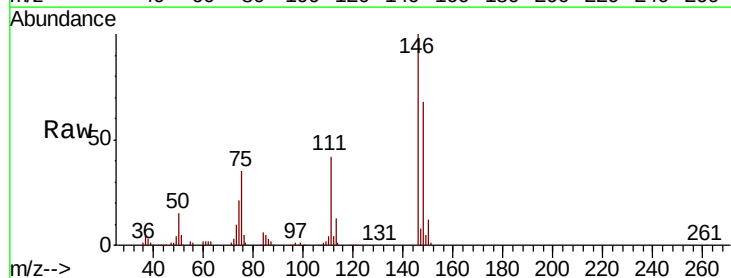
Manual Integrations
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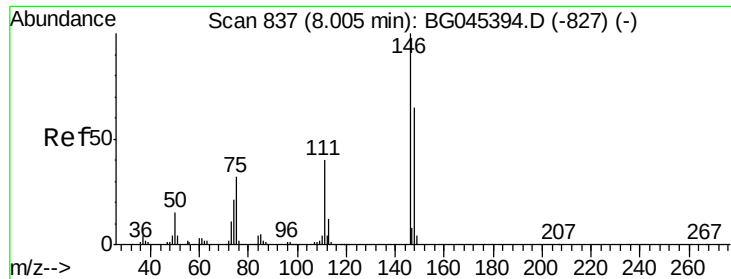
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.222 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion:	146	Resp:	231651
Ion Ratio	Lower	Upper	
146	100		
148	68.3	53.2	79.8
75	34.8	28.6	43.0





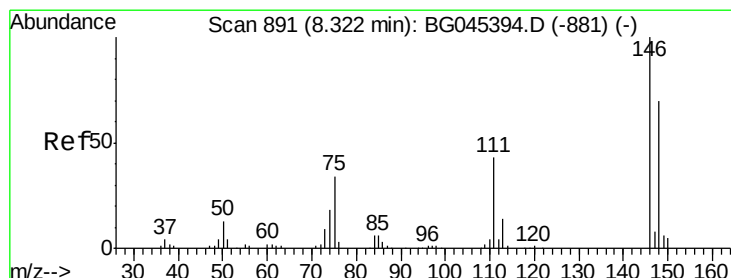
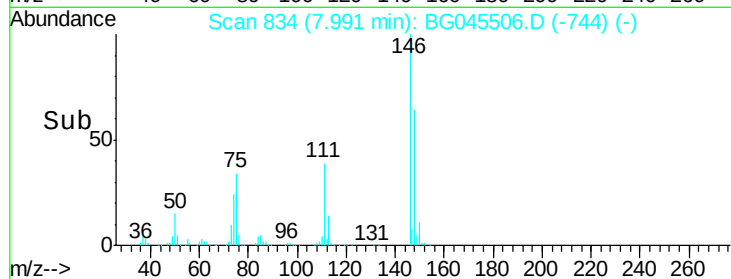
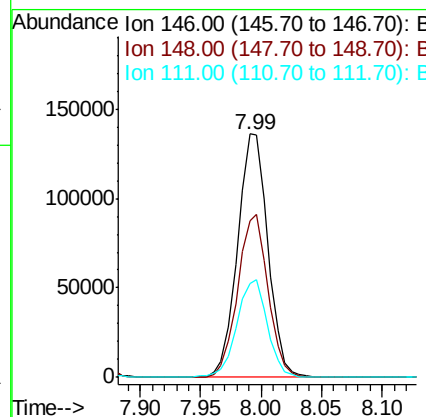
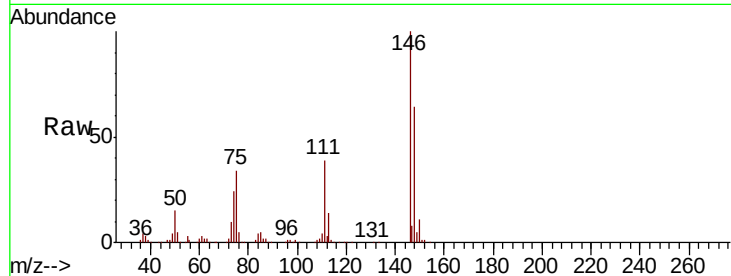
#13
 1,4-Dichlorobenzene
 Concen: 47.206 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
111	38.6	32.1	48.1

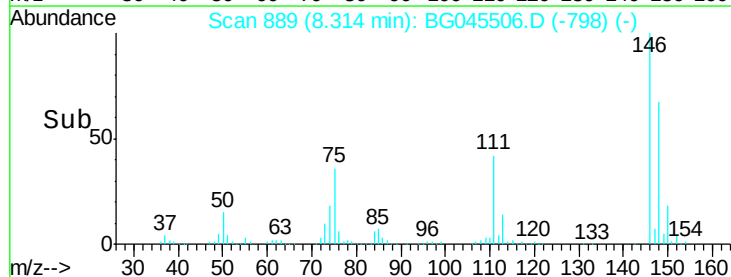
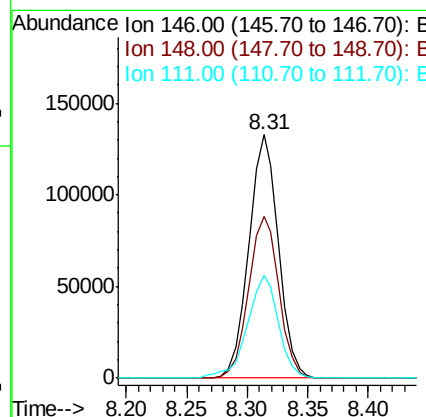
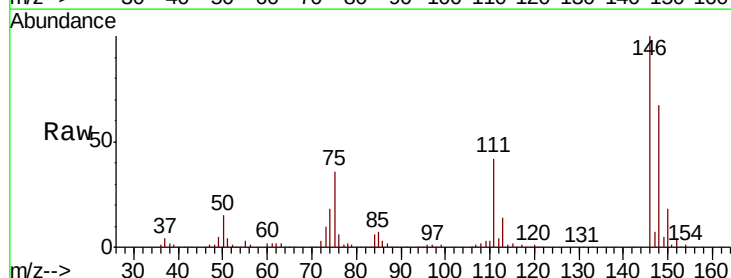
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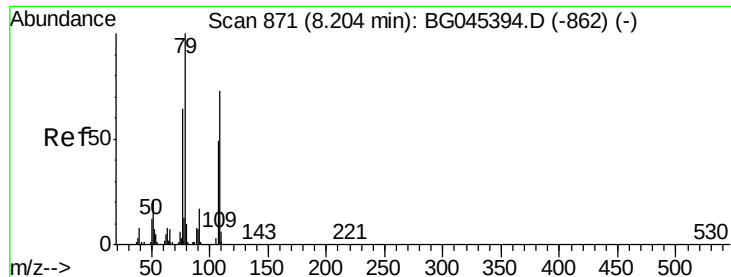
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.463 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	55.9	83.9
111	42.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 52.200 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

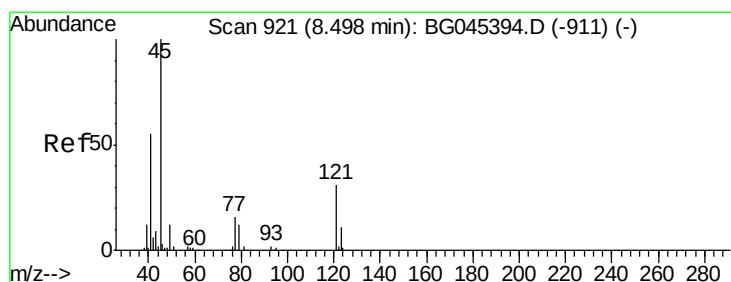
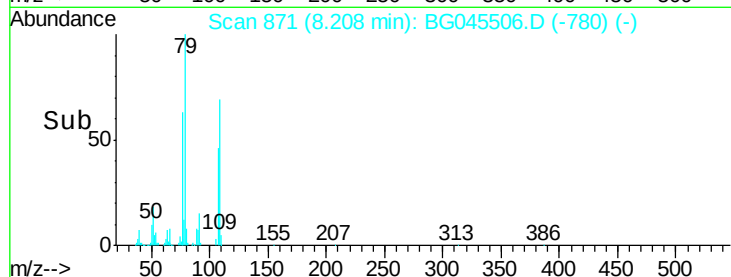
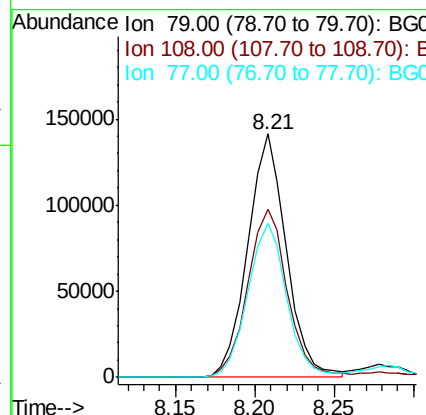
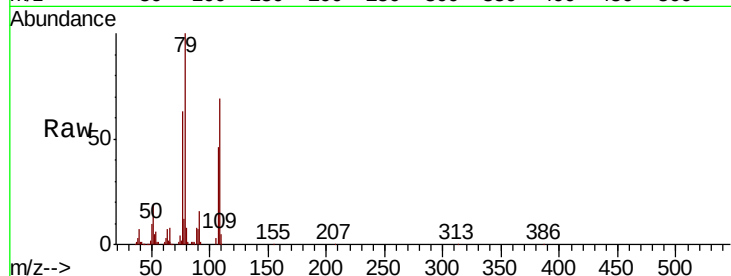
ClientSampleId :

CL-01-052220MSD

Tot Ion:	79	Resp:	238574
Ion Ratio	Lower	Upper	
79	100		
108	68.8	58.2	87.4
77	63.5	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.922 ng

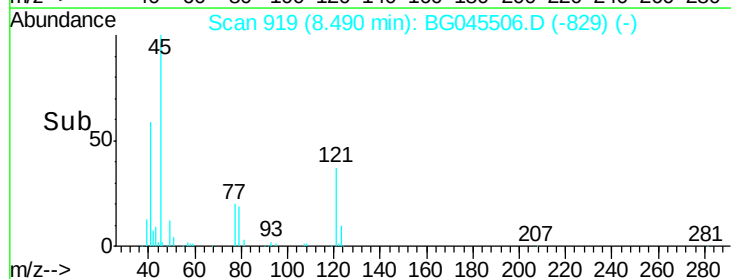
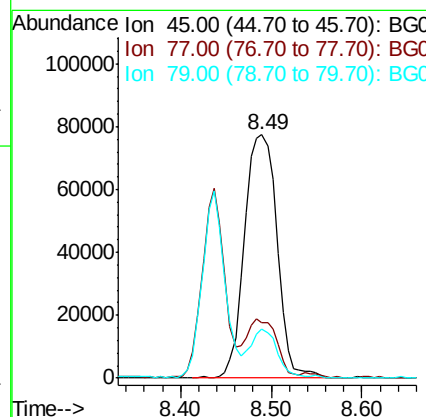
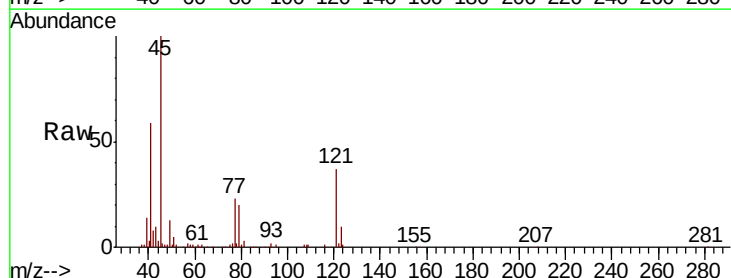
RT: 8.49 min Scan# 919

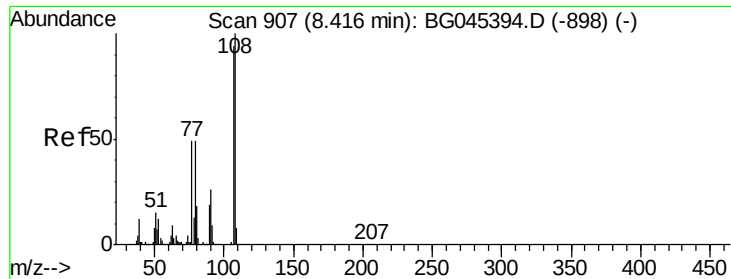
Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	45	Resp:	193872
Ion Ratio	Lower	Upper	
45	100		
77	22.7	4.0	44.0
79	20.1	0.0	38.6





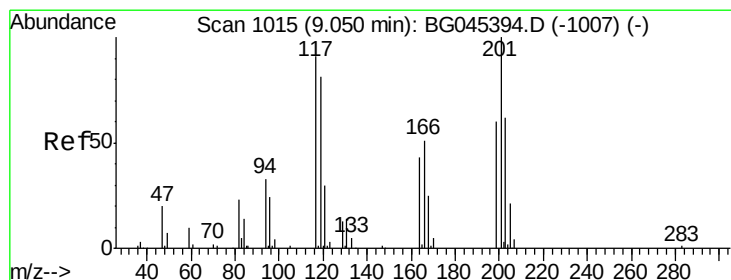
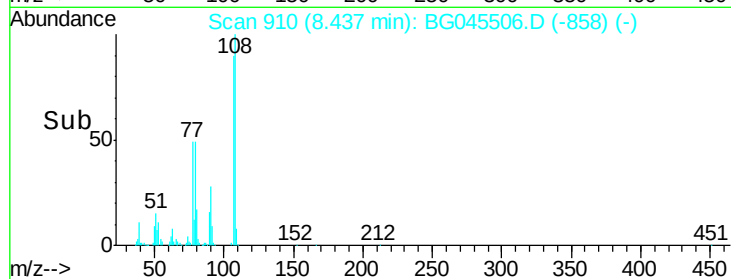
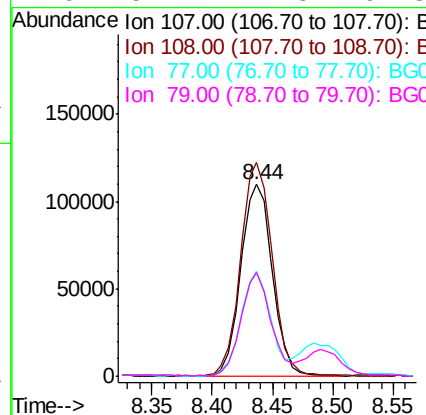
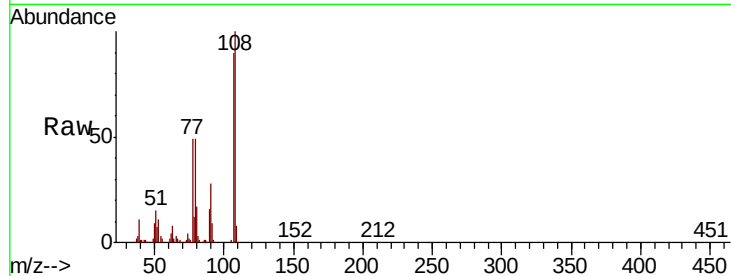
#17
2-Methylphenol
Concen: 46.974 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	85.2	127.8	
77	55.0	41.6	62.4	
79	54.2	41.8	62.8	

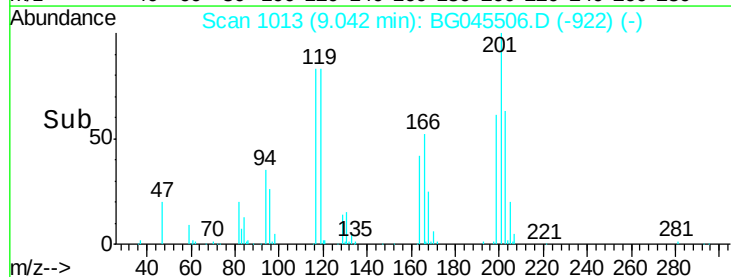
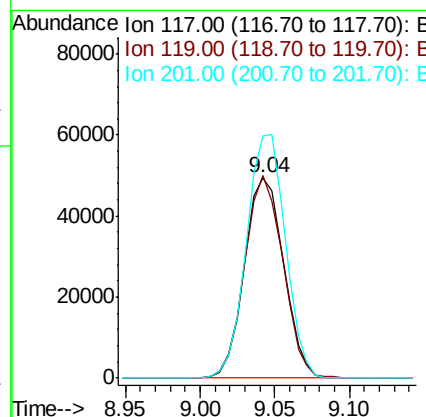
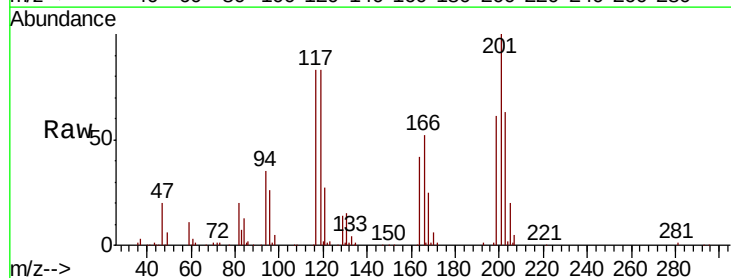
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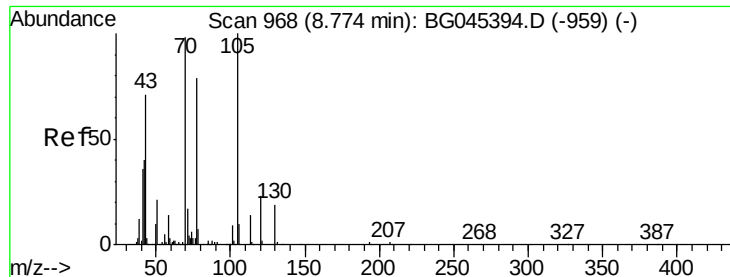
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#18
Hexachloroethane
Concen: 46.654 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.9	71.3	106.9	
201	121.0	87.5	131.3	





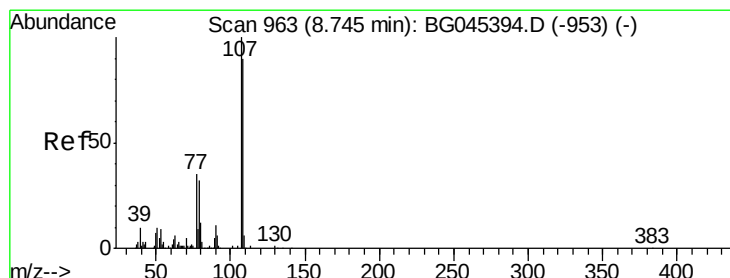
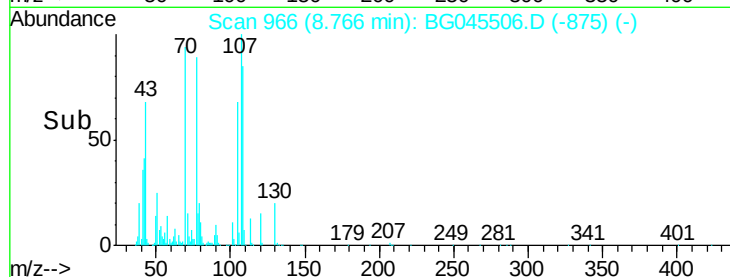
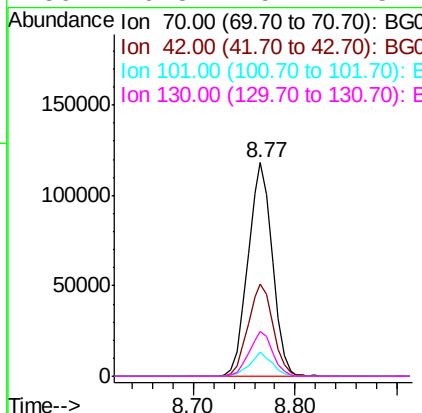
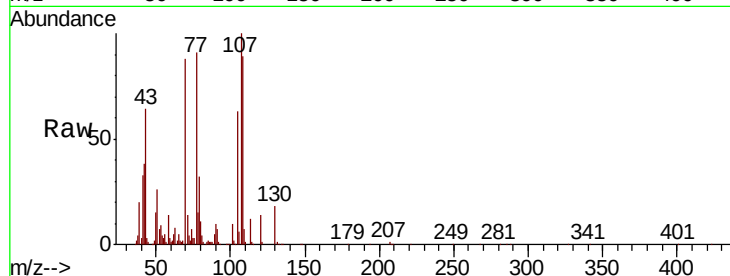
#19
n-Nitroso-di-n-propylamine
Concen: 51.148 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.3	33.2	49.8		
101	11.2	7.8	11.6		
130	20.8	15.4	23.2		

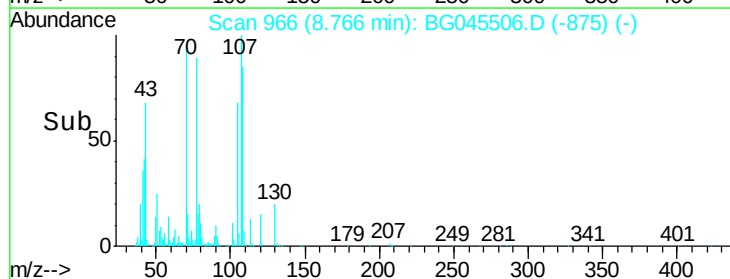
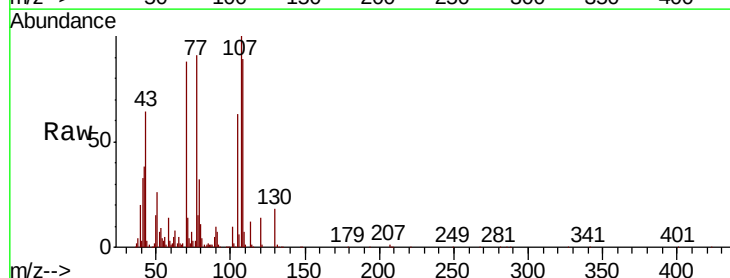
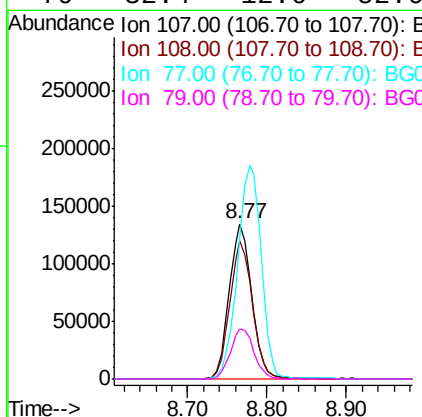
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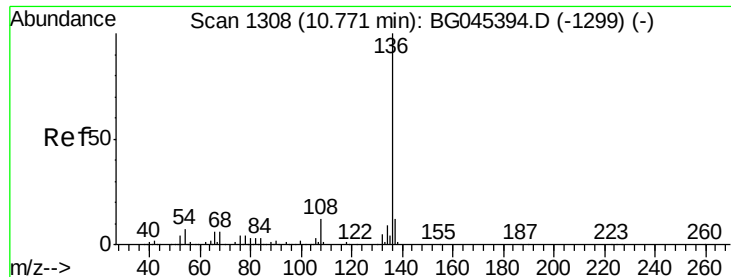
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#20
3+4-Methylphenols
Concen: 45.782 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	70.3	110.3		
77	90.7	15.4	55.4		
79	32.4	12.6	52.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

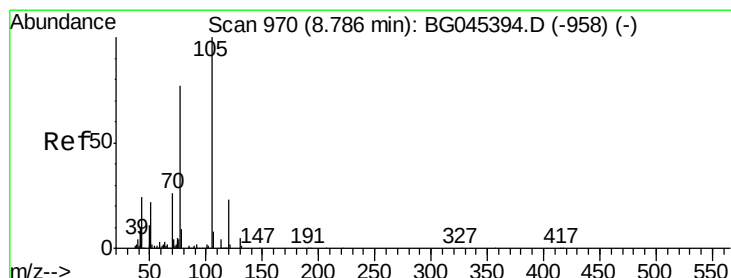
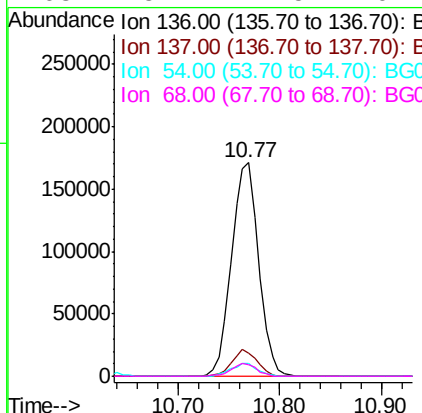
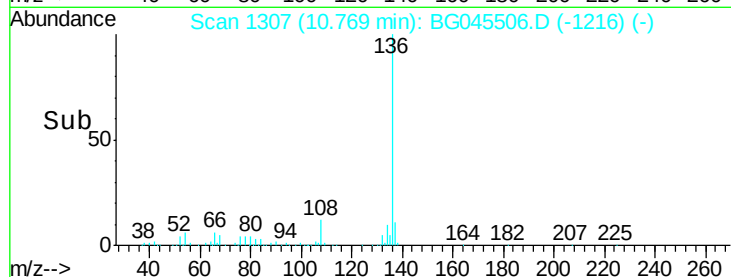
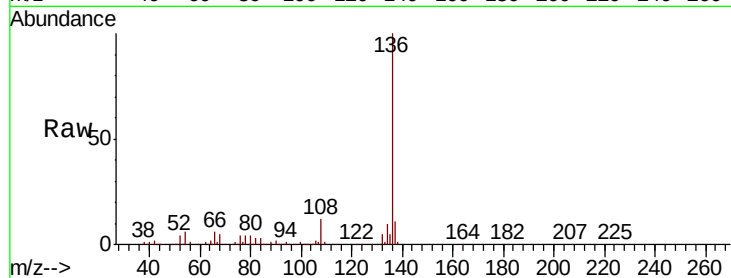
ClientSampleId :

CL-01-052220MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	316975		
137	10.7		9.4	14.2
54	6.0		5.8	8.6
68	5.2		4.5	6.7

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#22

Acetophenone

Concen: 47.071 ng

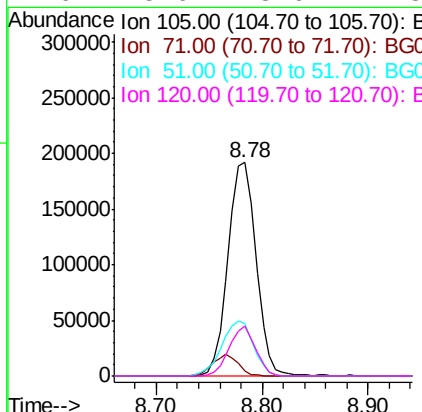
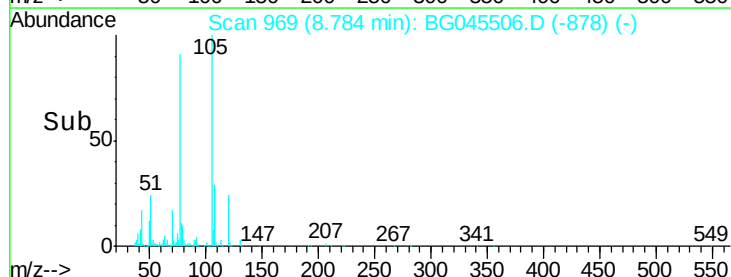
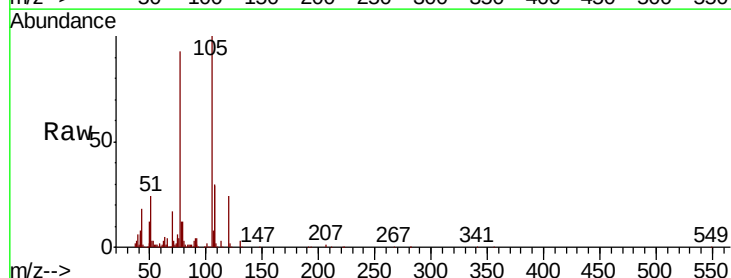
RT: 8.78 min Scan# 969

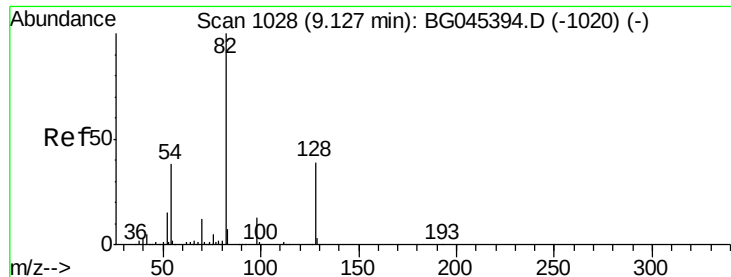
Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	353630		
71	2.6		3.4	5.0#
51	24.4		18.2	27.2
120	23.6		18.6	27.8





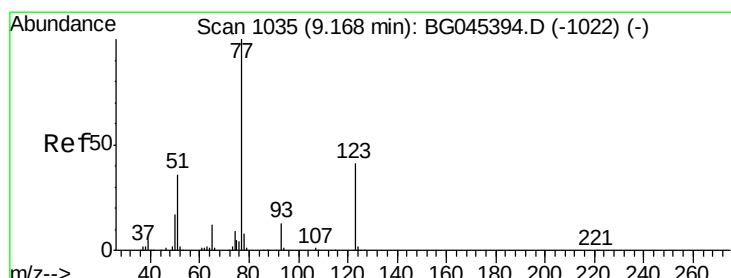
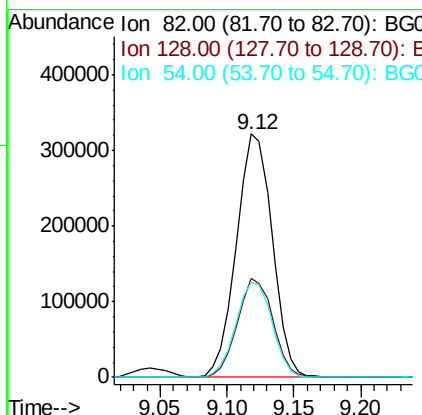
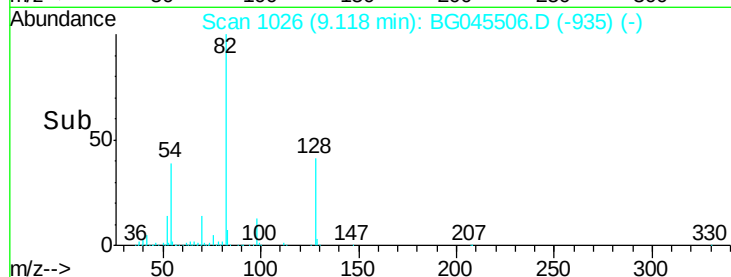
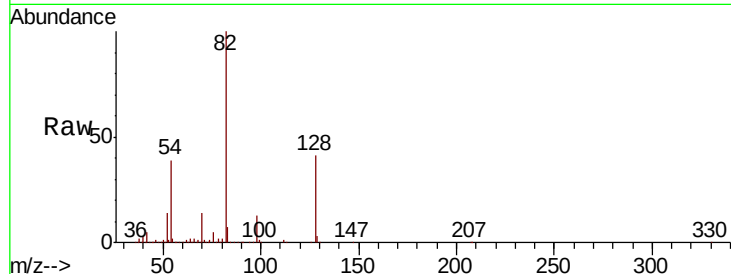
#23
Nitrobenzene-d5
Concen: 103.186 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	599789		
128	40.7		30.9	46.3
54	38.9		30.3	45.5

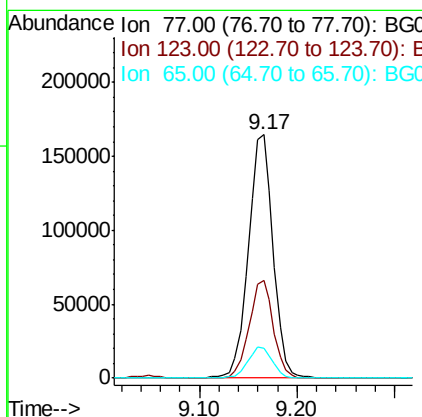
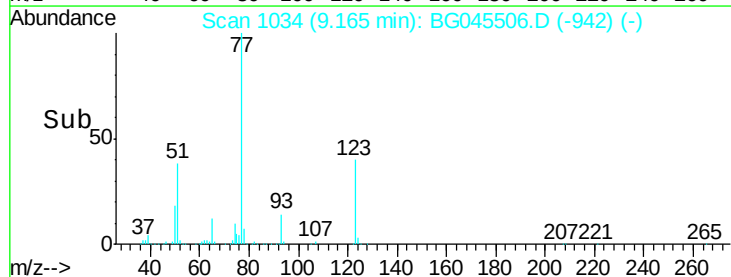
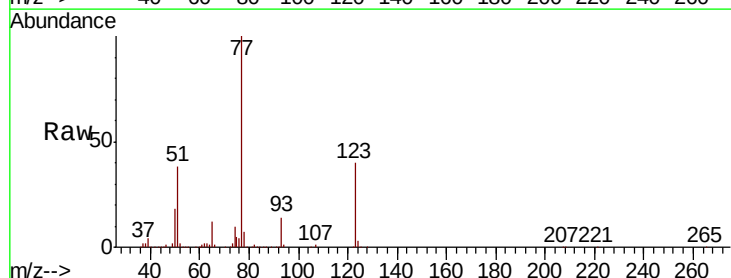
Manual Integrations
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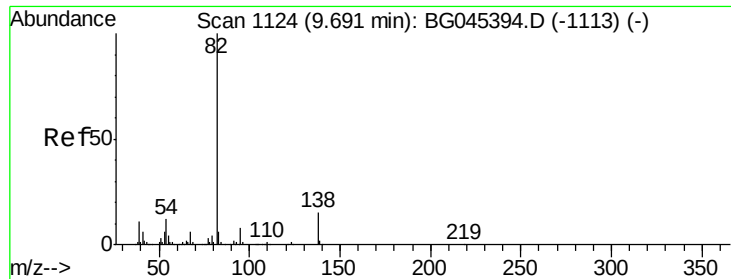
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#24
Nitrobenzene
Concen: 46.913 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	292162		
123	40.2		32.9	49.3
65	12.3		9.4	14.2





#25

Isophorone

Concen: 48.392 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

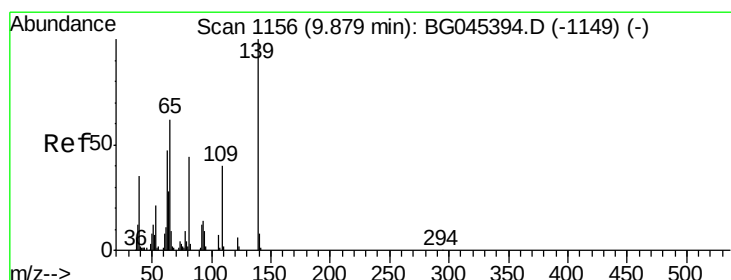
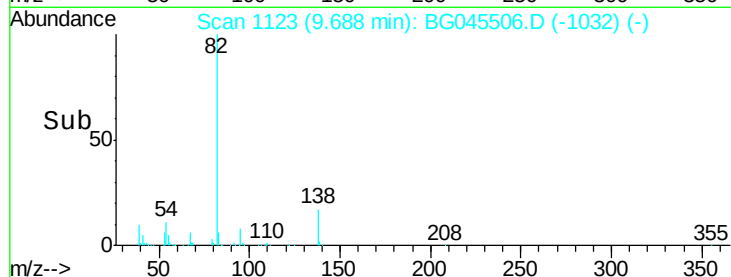
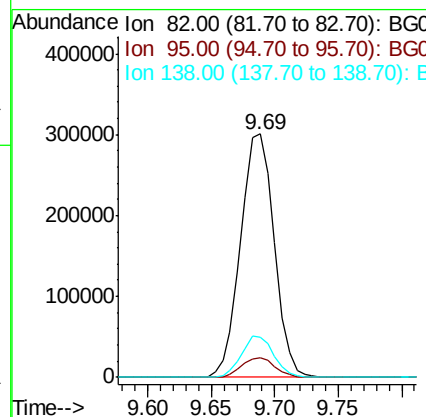
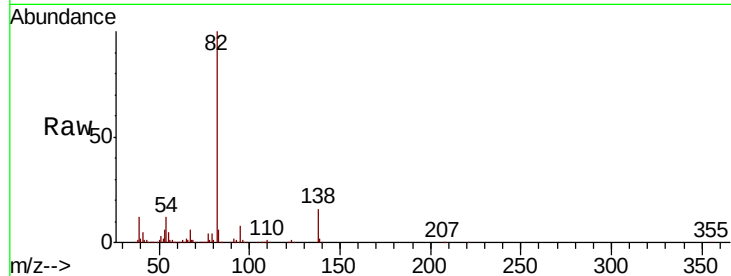
ClientSampleId :

CL-01-052220MSD

Tot Ion:	82	Resp:	553962
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.7	10.1
138	16.5	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.539 ng

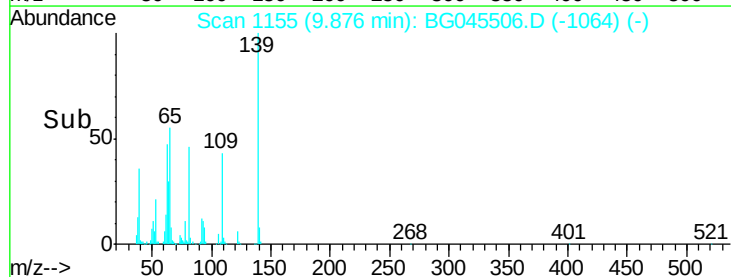
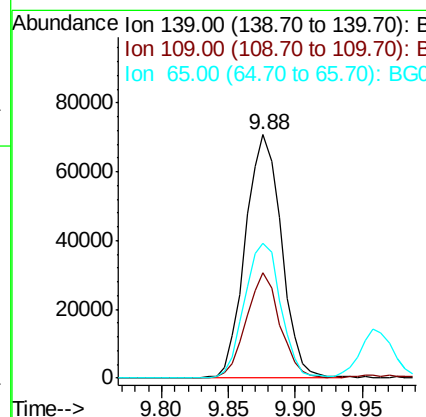
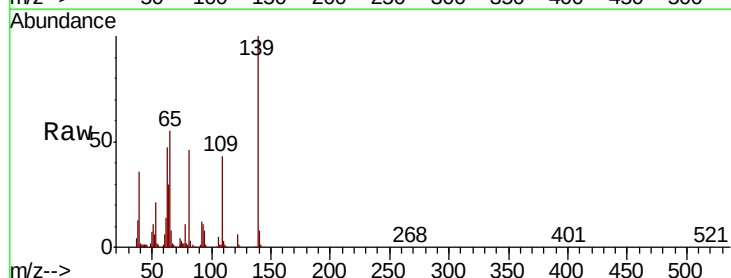
RT: 9.88 min Scan# 1155

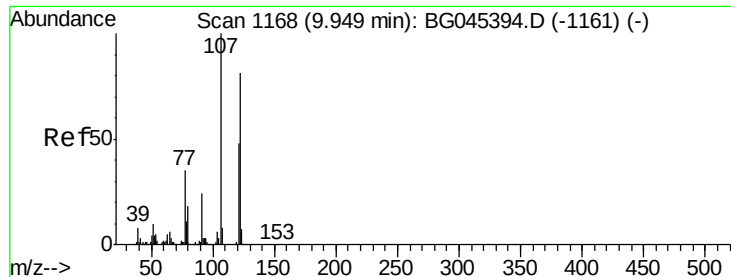
Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	139	Resp:	131977
Ion Ratio		Lower	Upper
139	100		
109	43.2	32.2	48.4
65	55.3	49.6	74.4





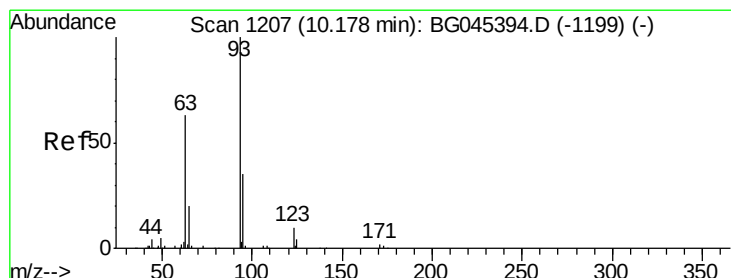
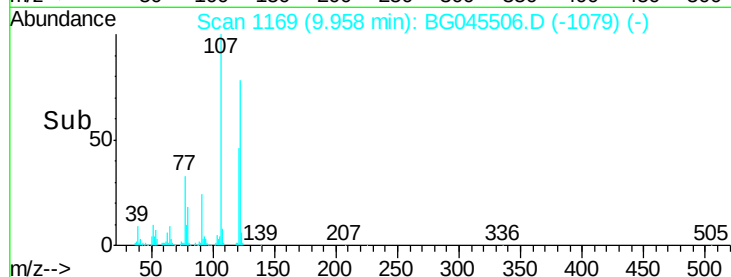
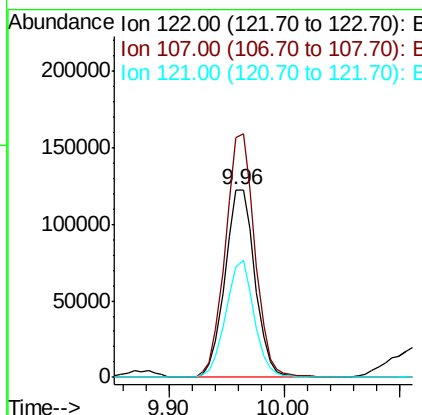
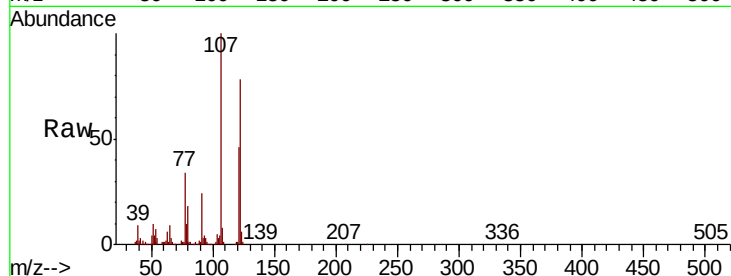
#27
 2,4-Dimethylphenol
 Concen: 56.070 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	127.6	99.0	148.4	
121	58.8	47.7	71.5	

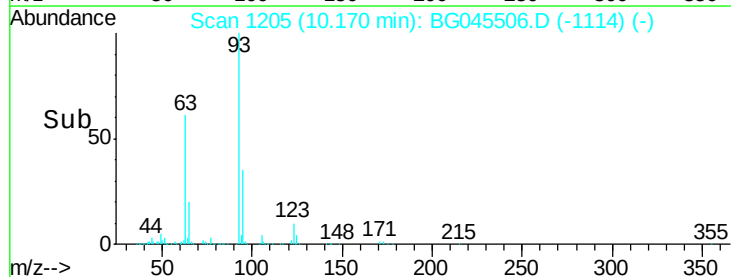
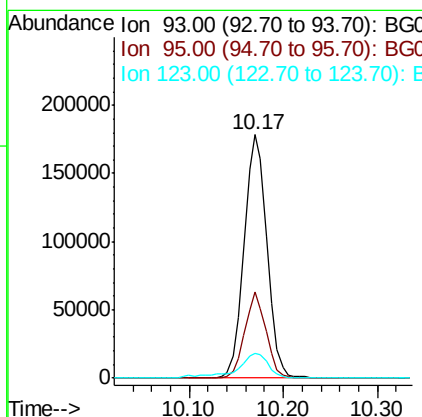
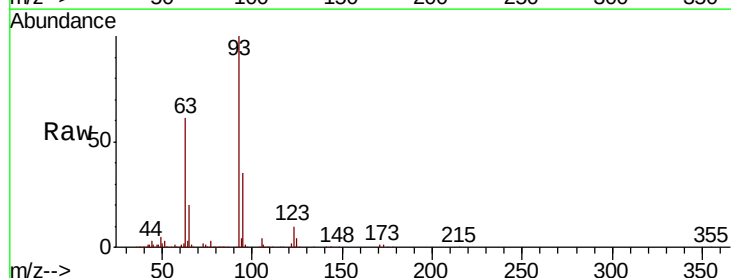
Manual Integrations
 APPROVED

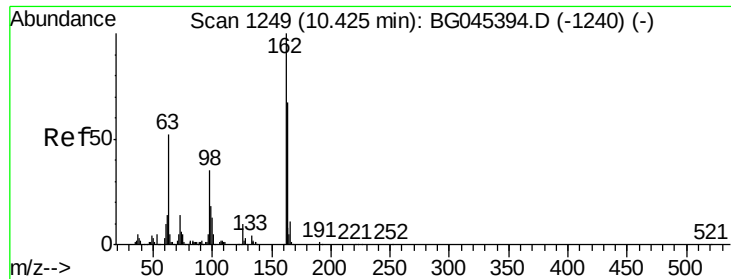
mohammad
 5/29/2020 10:27:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.809 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	35.5	27.6	41.4	
123	10.1	8.1	12.1	





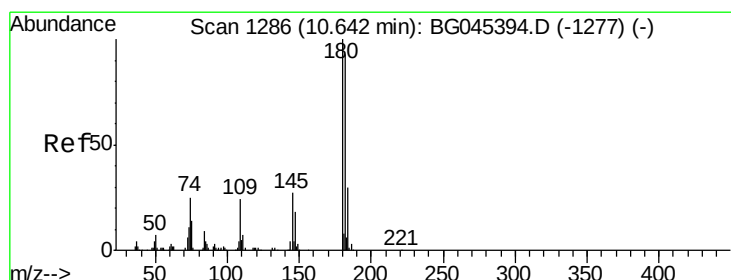
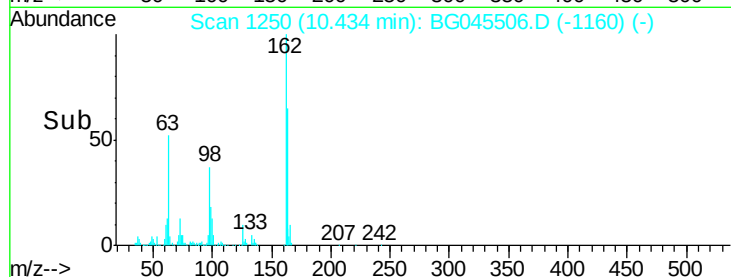
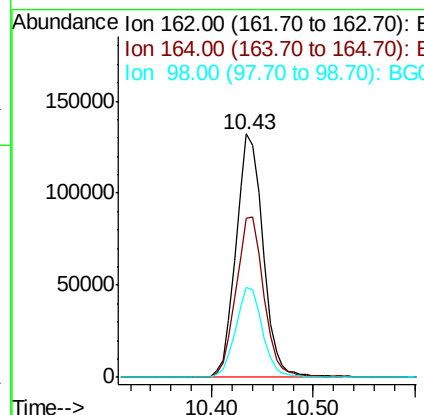
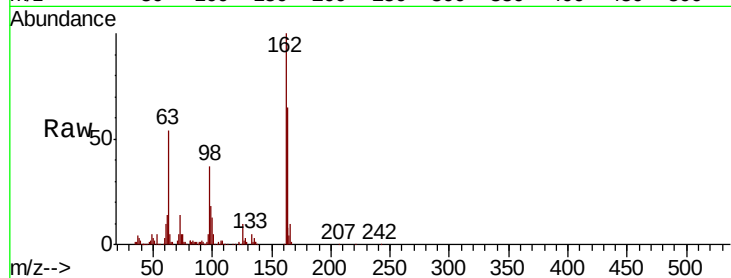
#29
 2,4-Dichlorophenol
 Concen: 52.759 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion:	162	Resp:	246173
Ion Ratio		Lower	Upper
162	100		
164	65.5	46.8	86.8
98	36.8	15.2	55.2

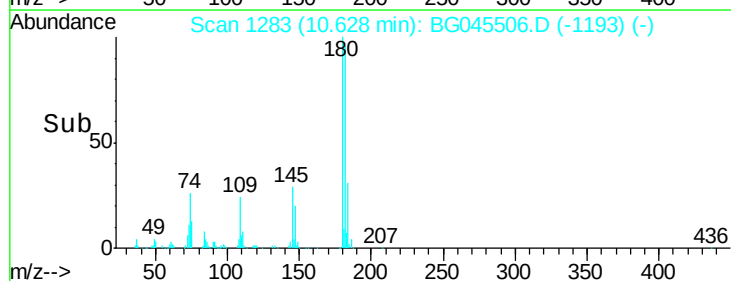
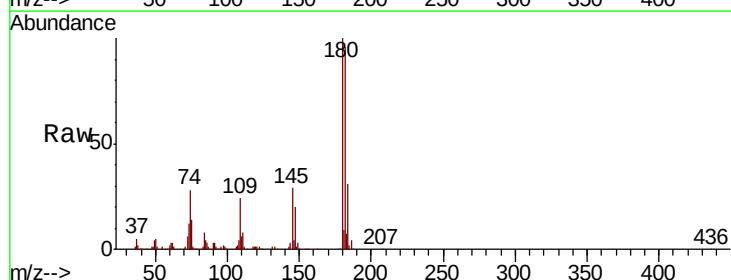
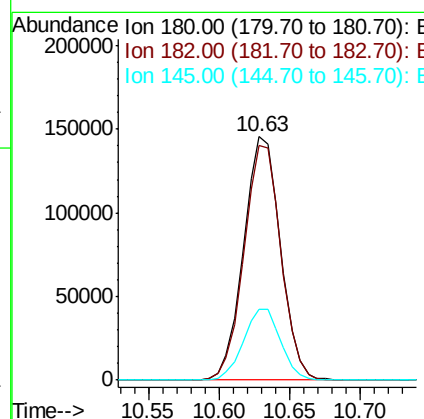
Manual Integrations
 APPROVED

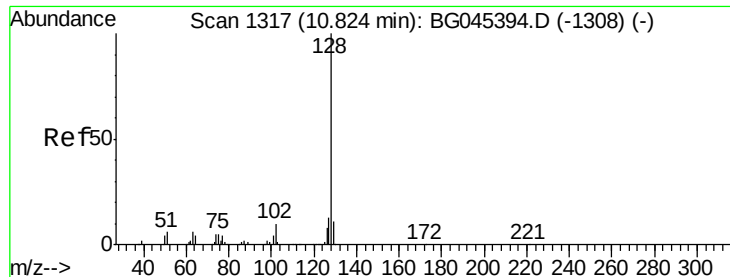
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.315 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion:	180	Resp:	266387
Ion Ratio		Lower	Upper
180	100		
182	96.4	74.8	112.2
145	29.1	21.9	32.9





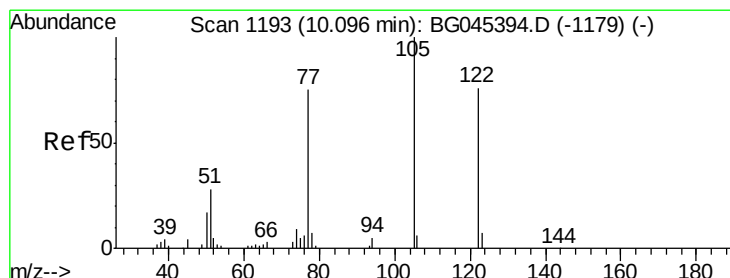
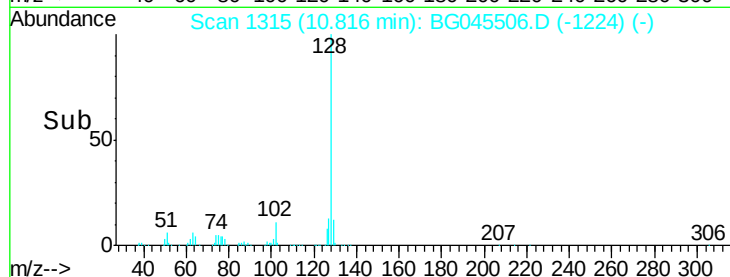
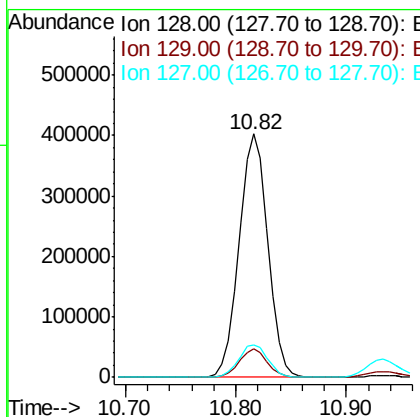
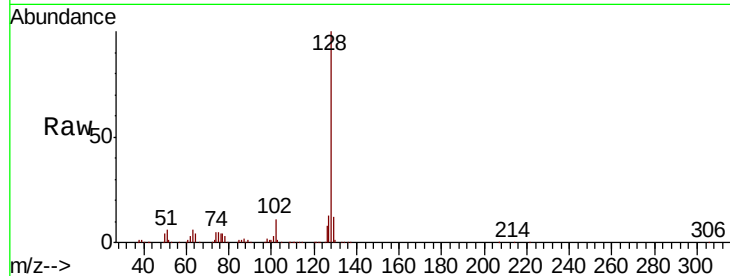
#31
Naphthalene
Concen: 49.675 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.4	10.7	16.1

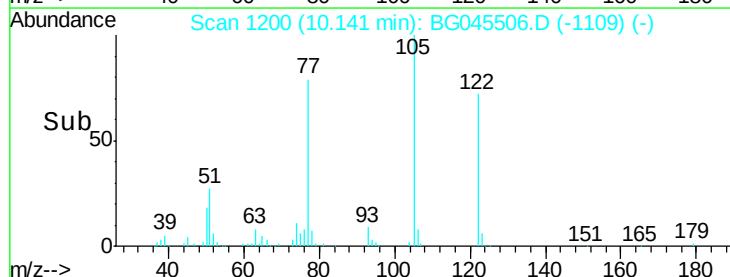
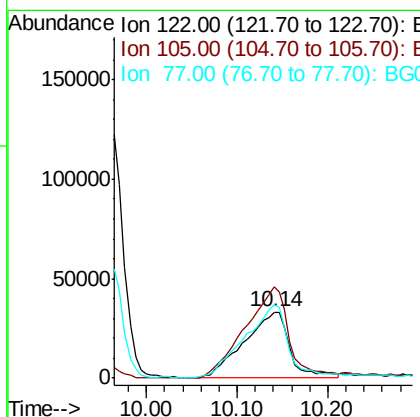
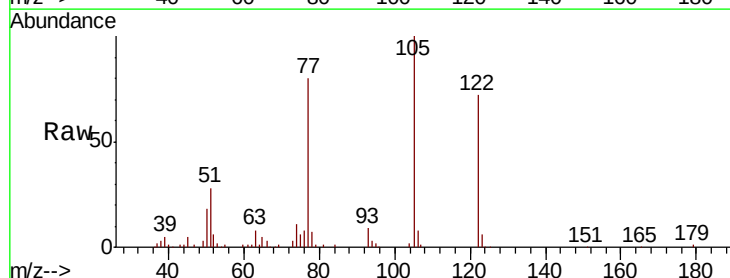
Manual Integrations
APPROVED

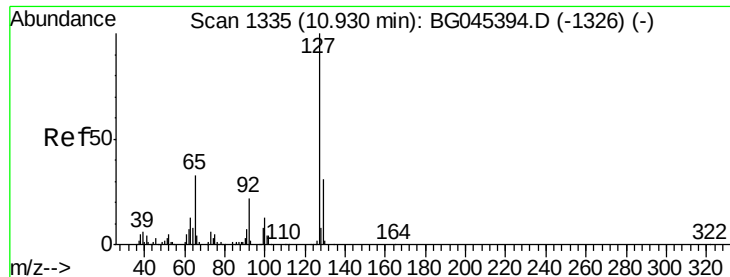
mohammad
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#32
Benzoic acid
Concen: 43.395 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.2	107.9	147.9
77	111.1	78.9	118.9





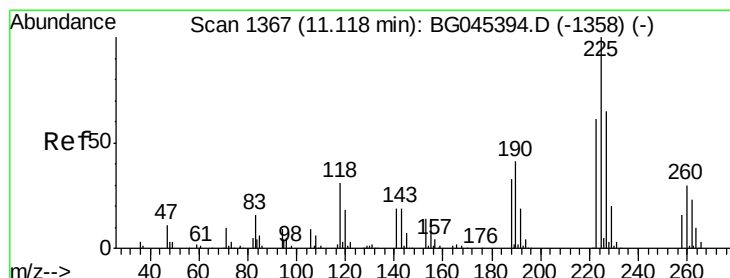
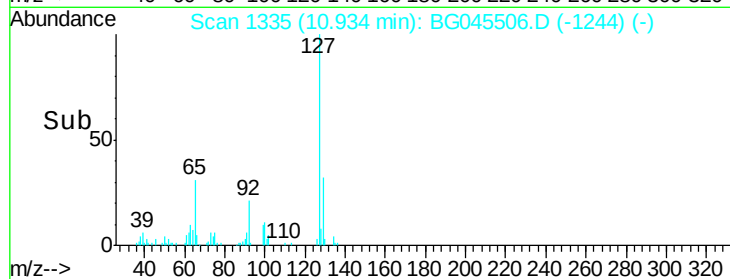
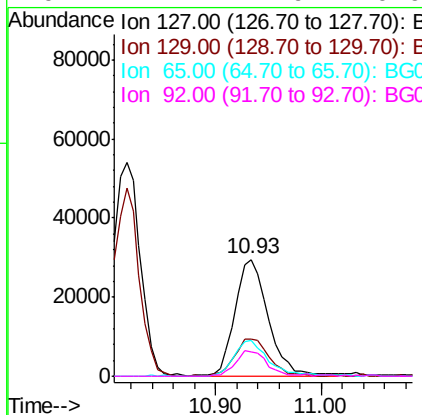
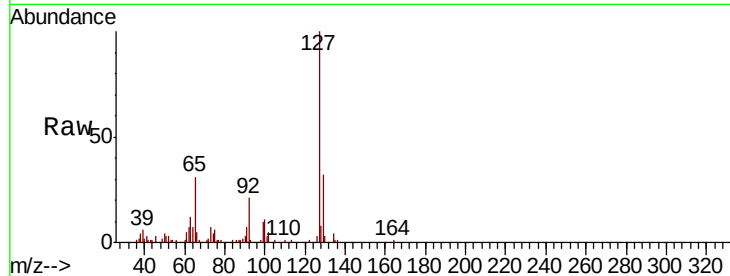
#33
4-Chloroaniline
Concen: 10.509 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64887		
129	32.1	24.7	37.1		
65	30.9	26.2	39.2		
92	21.2	17.9	26.9		

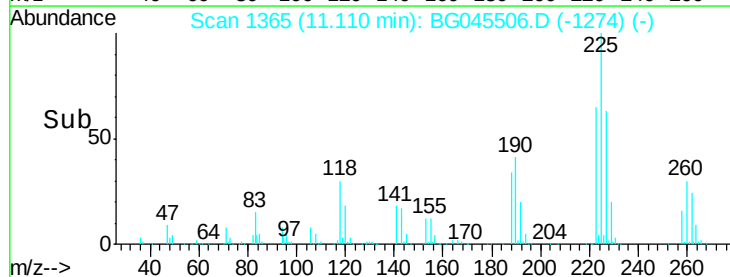
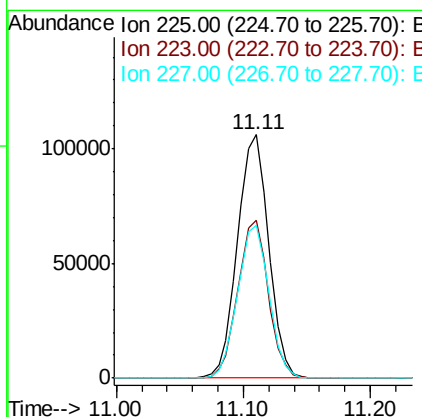
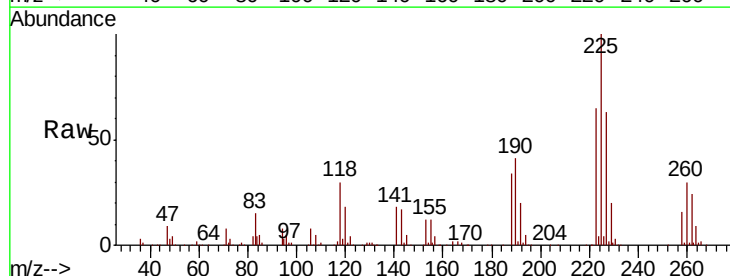
Manual Integrations
APPROVED

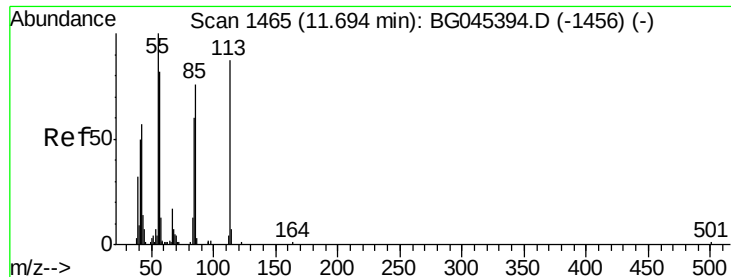
mohammad
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#34
Hexachlorobutadiene
Concen: 46.460 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		181073		
223	64.6	49.1	73.7		
227	62.9	52.0	78.0		





#35

Caprolactam

Concen: 35.105 ng/mL

RT: 11.70 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

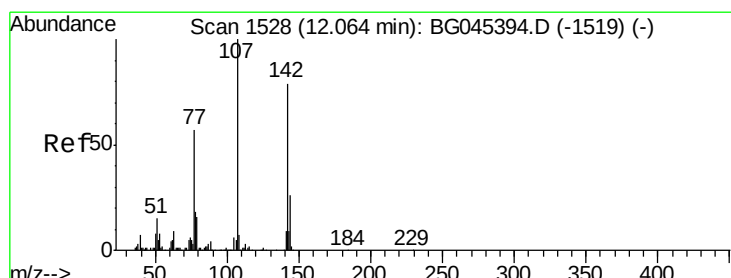
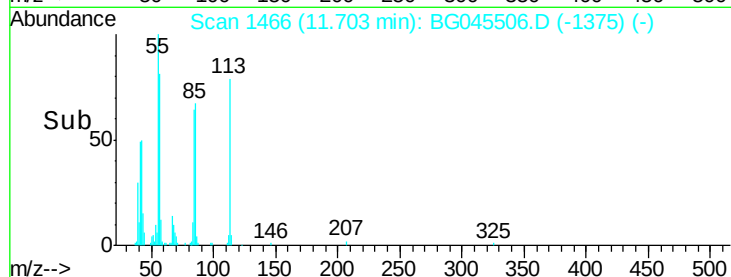
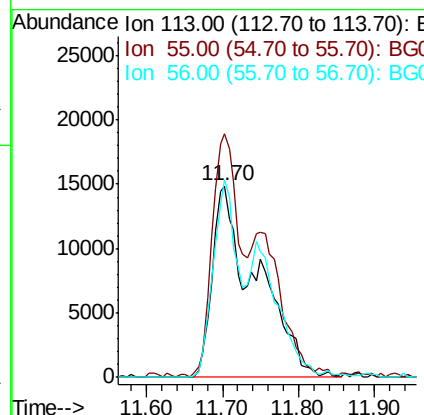
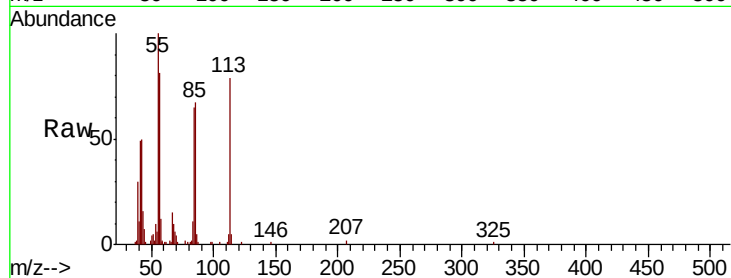
ClientSampleId :

CL-01-052220MSD

Tot Ion:	113	Resp:	60123
Ion Ratio	Lower	Upper	
113	100		
55	127.4	96.0	136.0
56	103.4	75.1	115.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 53.054 ng/mL

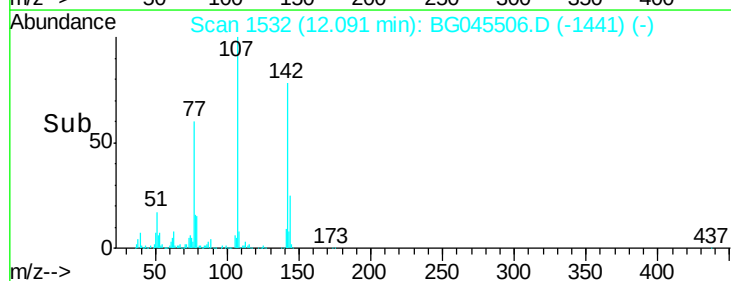
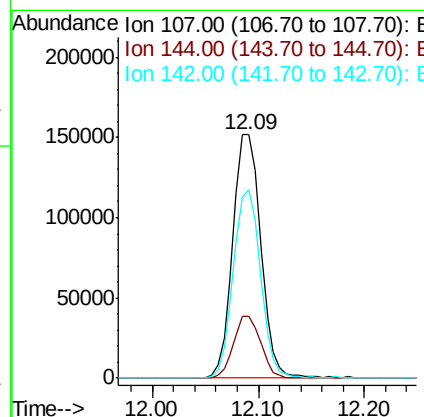
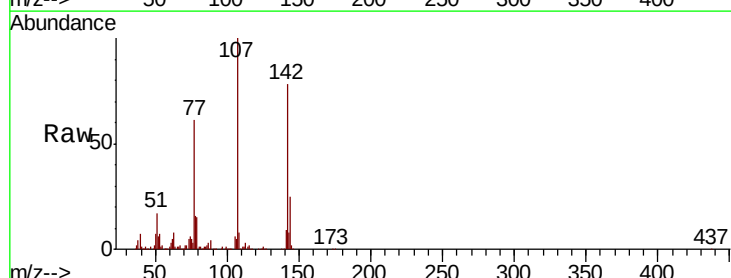
RT: 12.09 min Scan# 1532

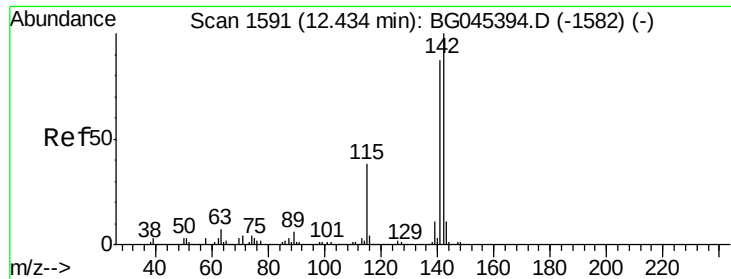
Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	107	Resp:	278950
Ion Ratio	Lower	Upper	
107	100		
144	25.4	20.8	31.2
142	77.6	62.8	94.2





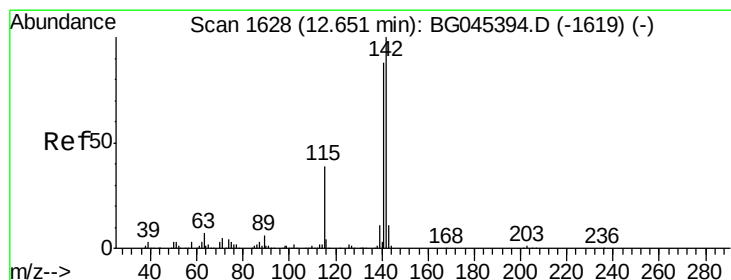
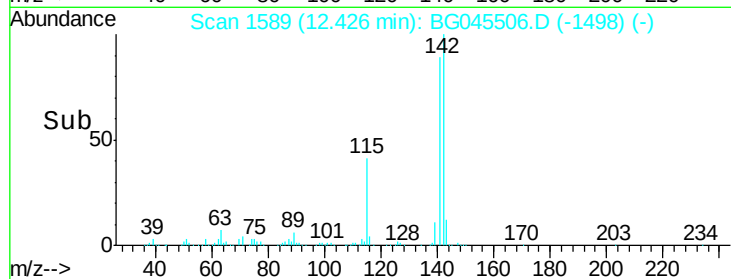
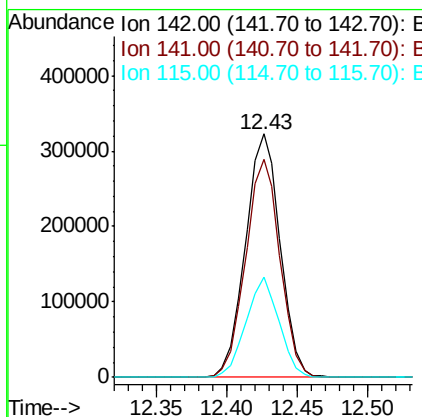
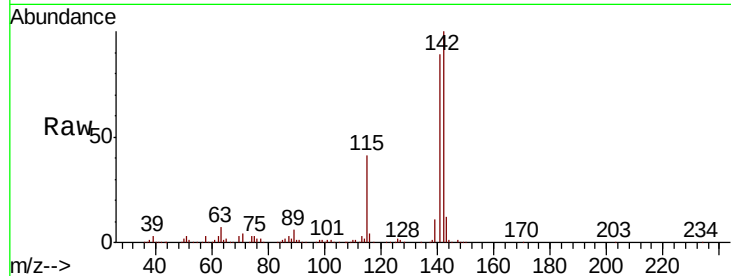
#37
2-Methylnaphthalene
Concen: 50.403 ng
RT: 12.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	41.4	30.8	46.2

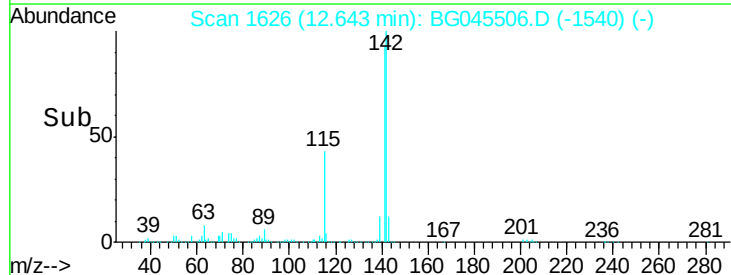
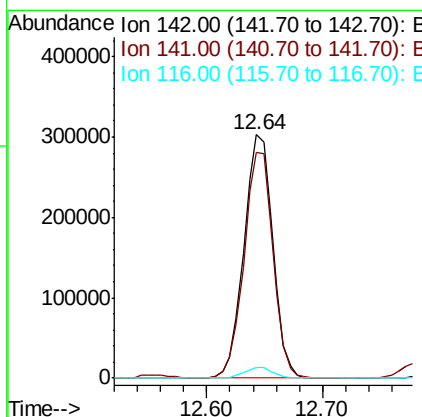
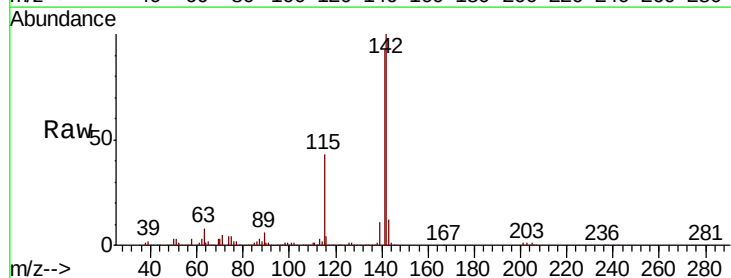
Manual Integrations
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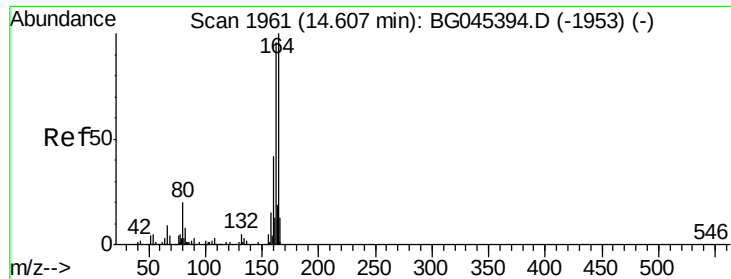
mohammad
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#38
1-Methylnaphthalene
Concen: 50.517 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.8	106.2
116	4.4	3.0	4.6





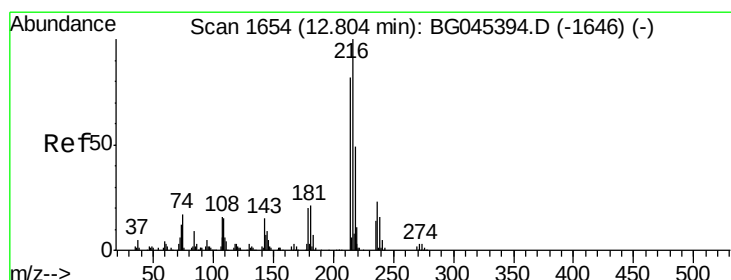
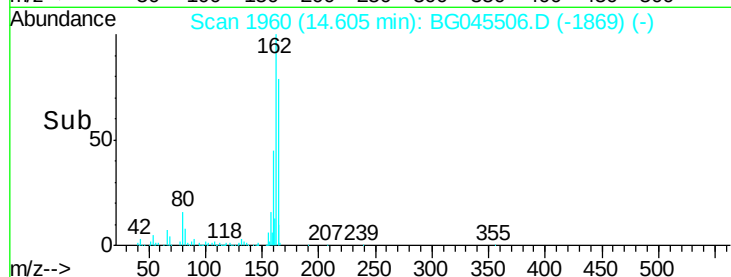
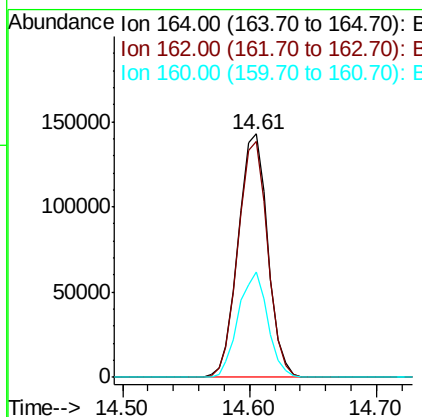
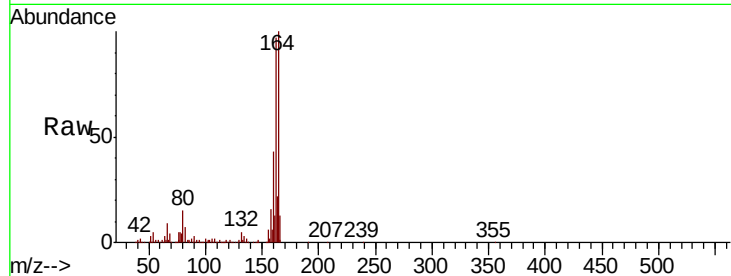
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.7	76.9	115.3
160	43.3	33.8	50.8

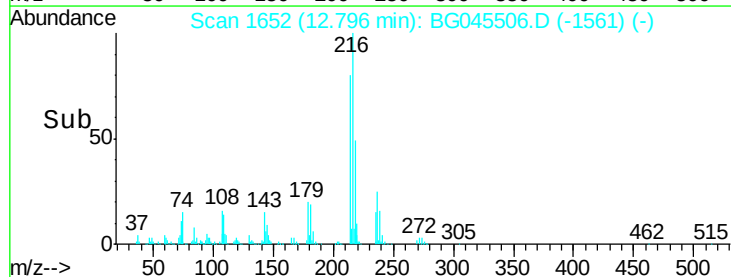
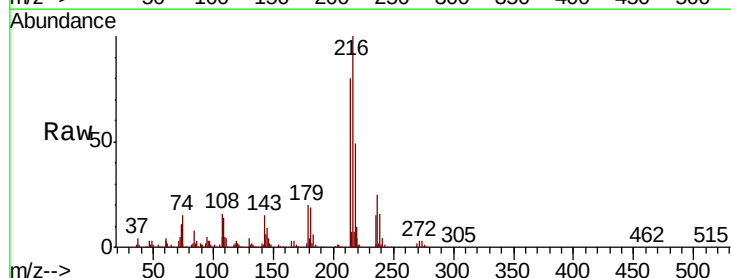
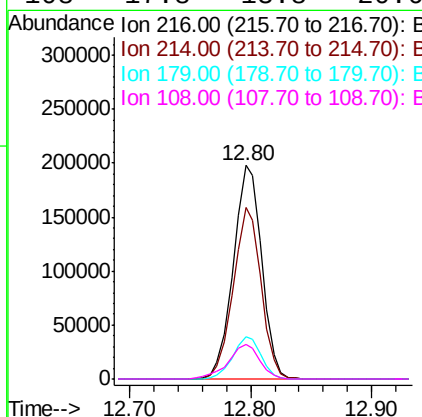
Manual Integrations
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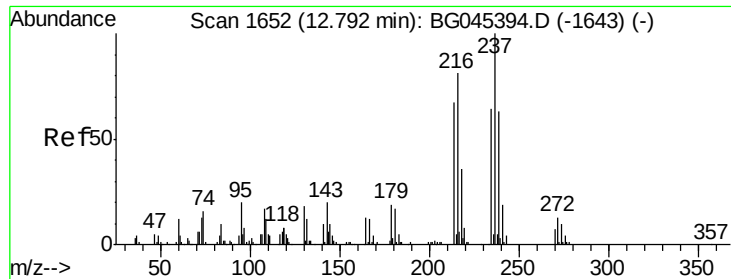
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.284 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	19.6	16.1	24.1
108	17.8	13.8	20.6





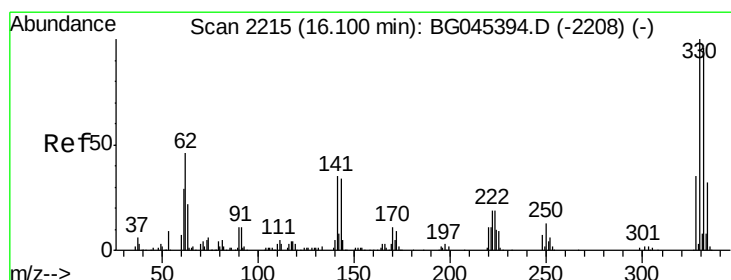
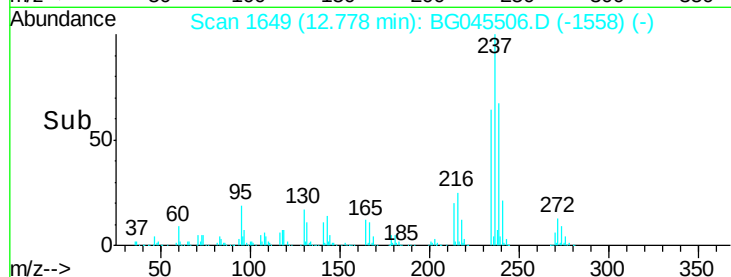
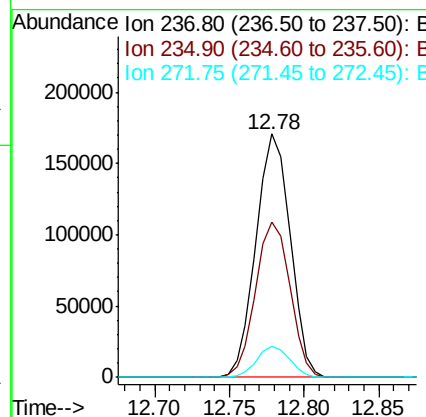
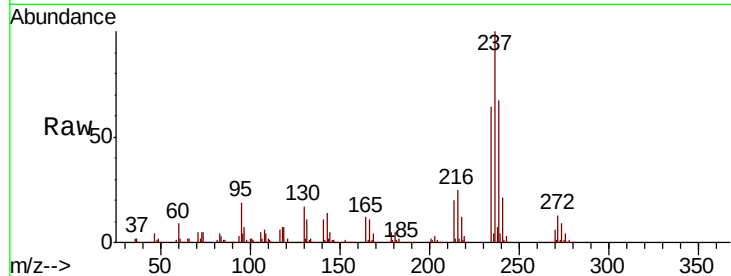
#41
Hexachlorocyclopentadiene
Concen: 73.023 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.6	44.4	84.4
272	12.8	0.0	32.5

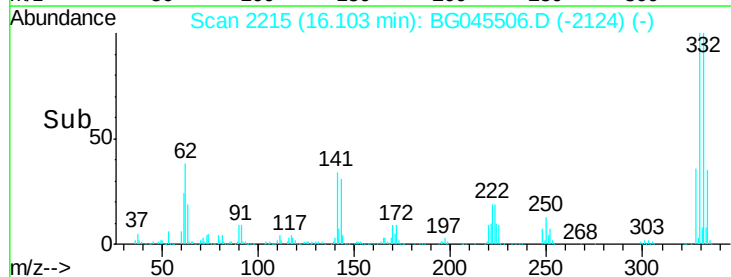
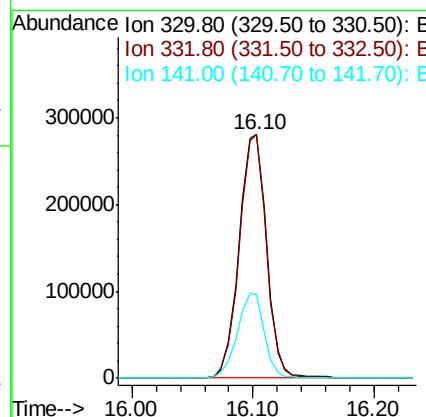
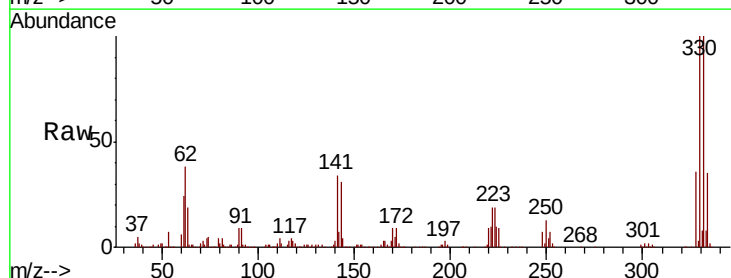
Manual Integrations
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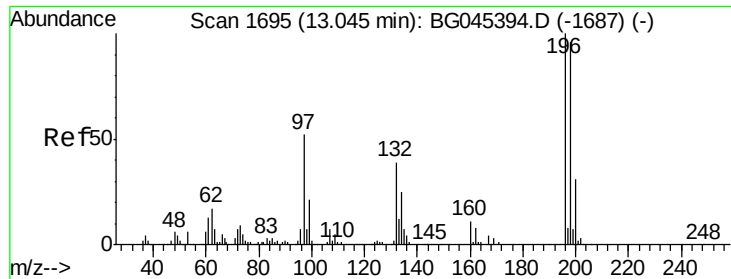
mohammad
5/29/2020 10:27:09 PM



#42
2,4,6-Tribromophenol
Concen: 151.409 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.3	78.2	117.4
141	34.3	28.2	42.4





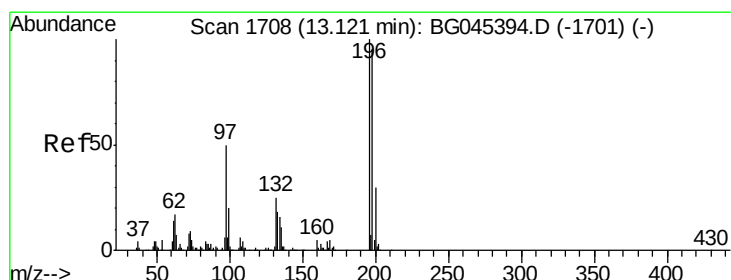
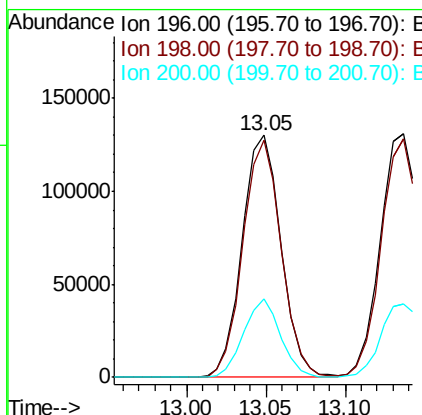
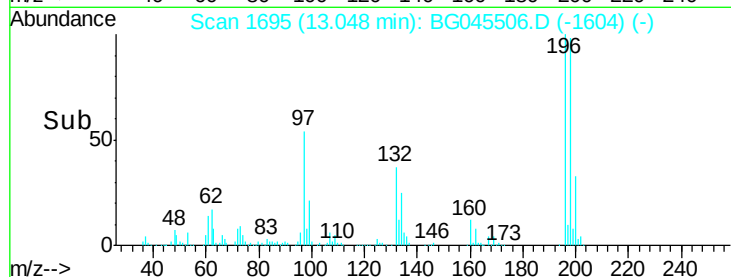
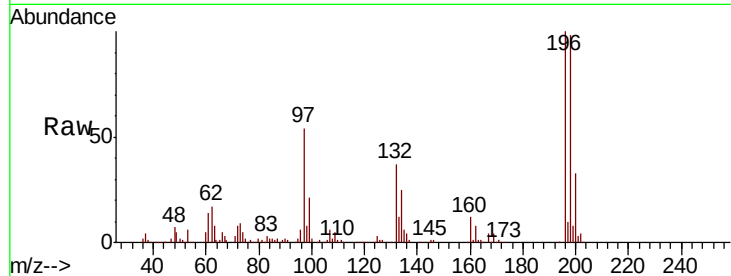
#43
 2,4,6-Trichlorophenol
 Concen: 49.727 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion:	196	Resp:	222315
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.7	115.1
200	32.5	24.9	37.3

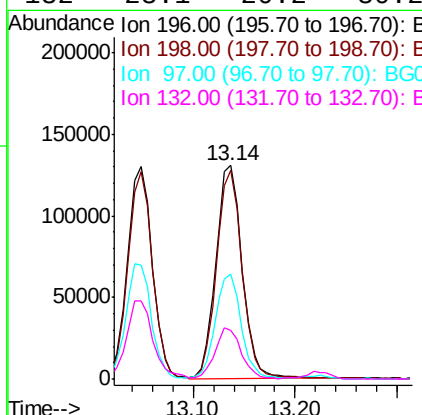
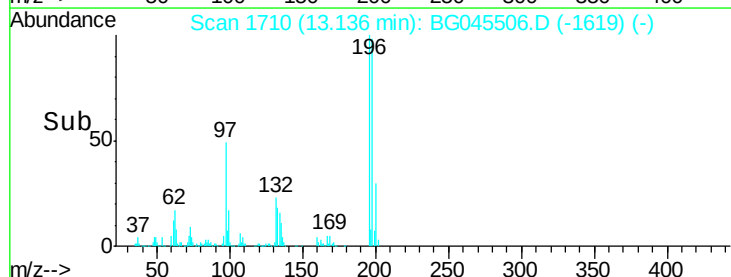
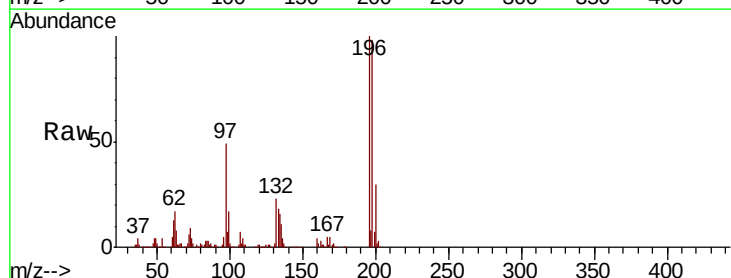
Manual Integrations
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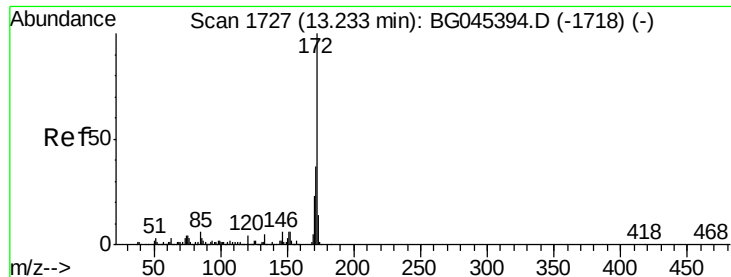
mohammad
 5/29/2020 10:27:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.934 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion:	196	Resp:	234670
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.1	114.1
97	49.2	40.0	60.0
132	23.1	20.2	30.2





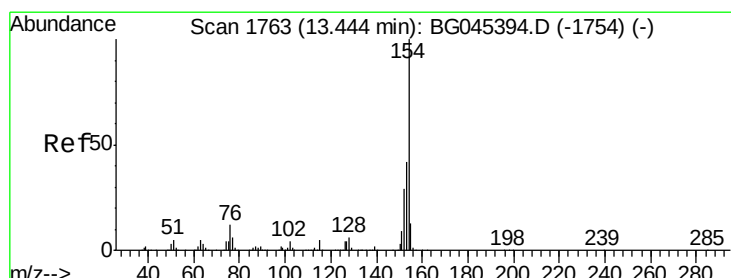
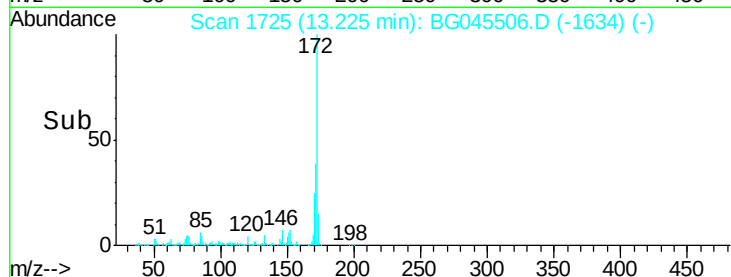
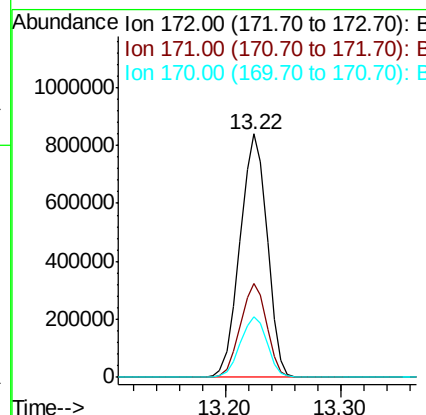
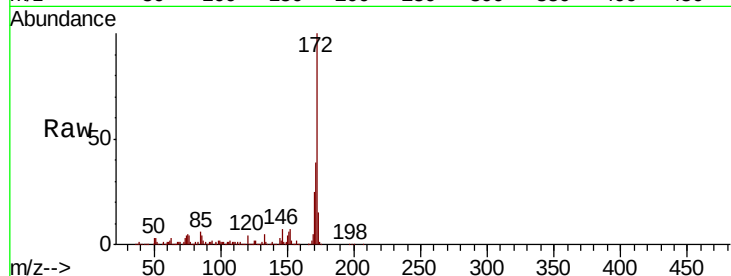
#45
2-Fluorobiphenyl
Concen: 100.778 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.5	44.3
170	24.9	18.5	27.7

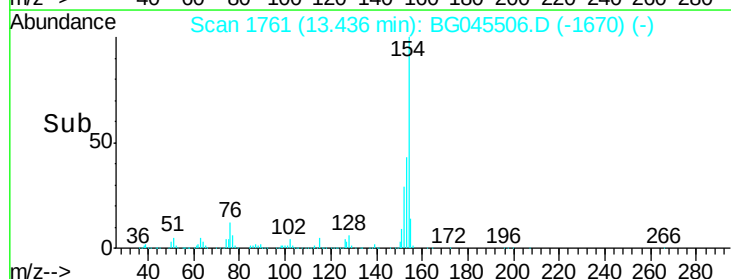
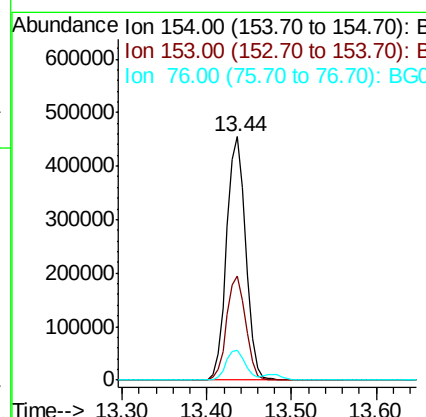
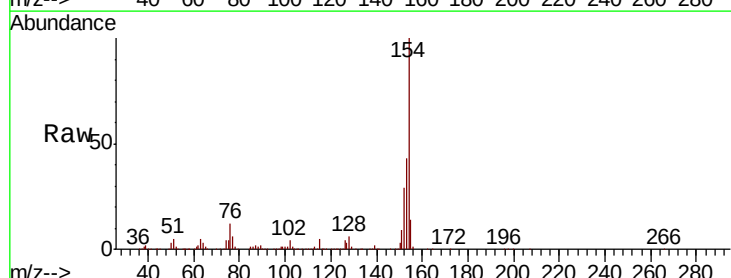
Manual Integrations
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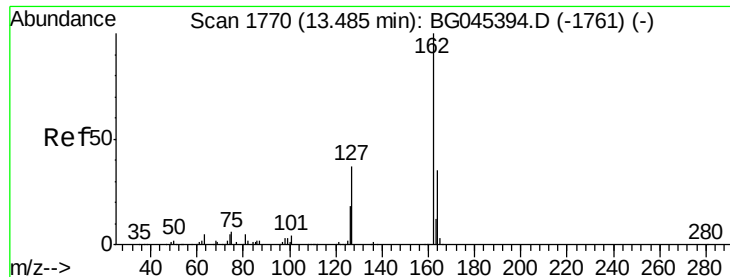
mohammad
5/29/2020 10:27:09 PM



#46
1,1'-Biphenyl
Concen: 50.266 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.2	62.2
76	12.5	0.0	32.4





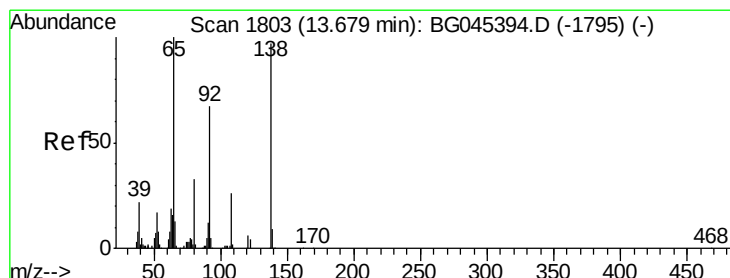
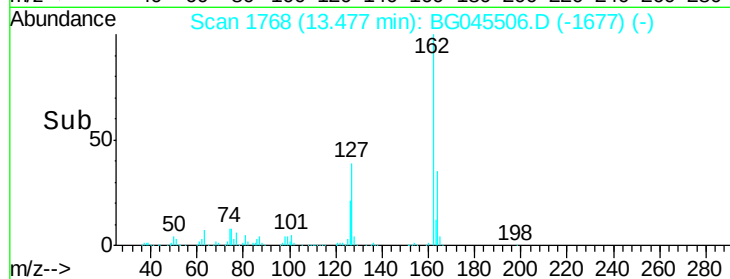
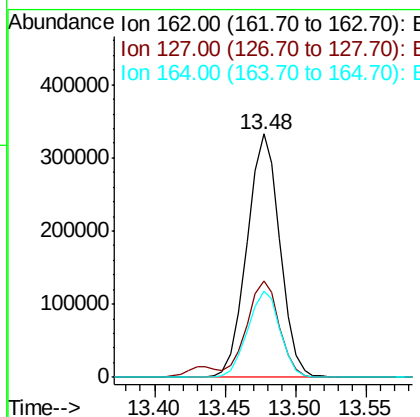
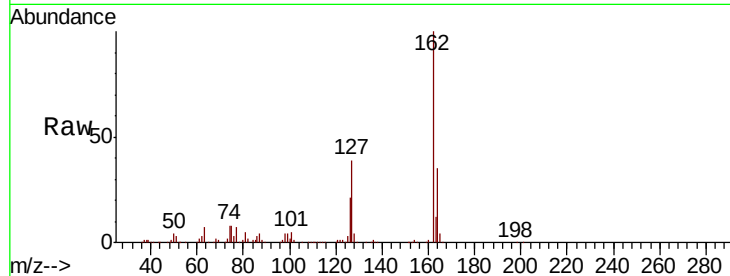
#47
2-Chloronaphthalene
Concen: 47.234 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion:	162	Resp:	543029
Ion Ratio	Lower	Upper	
162	100		
127	39.5	31.6	47.4
164	35.4	28.1	42.1

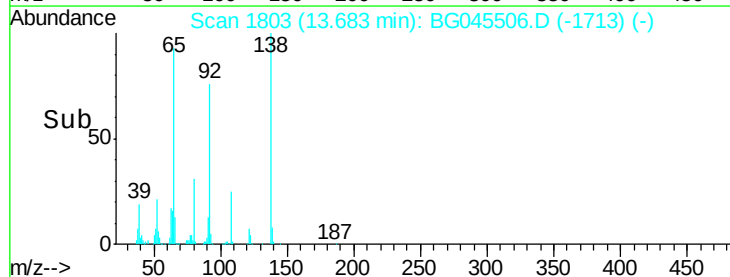
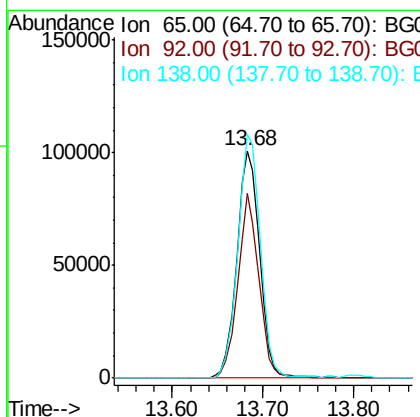
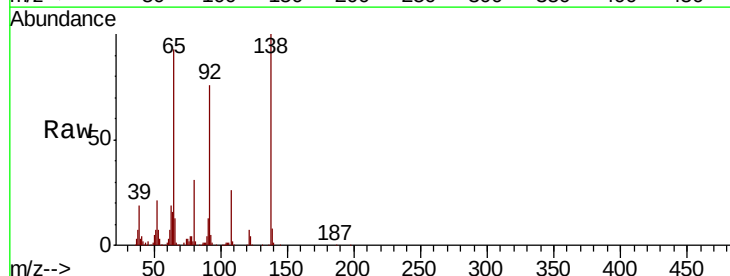
Manual Integrations
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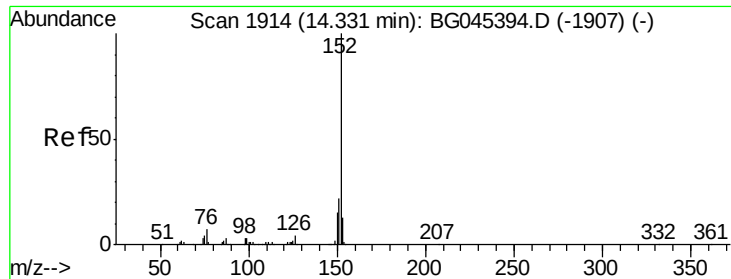
mohammad
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#48
2-Nitroaniline
Concen: 46.850 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion:	65	Resp:	177176
Ion Ratio	Lower	Upper	
65	100		
92	81.1	53.8	80.8#
138	107.1	77.9	116.9





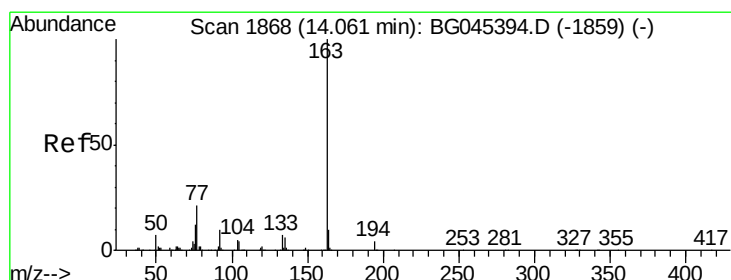
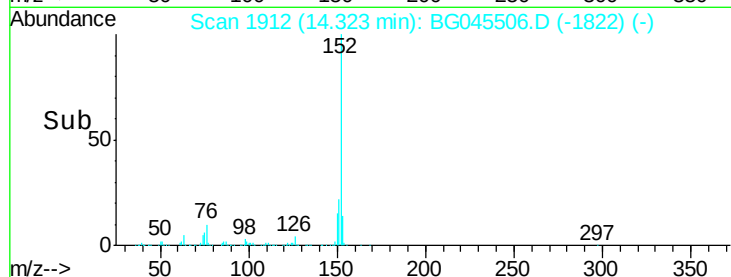
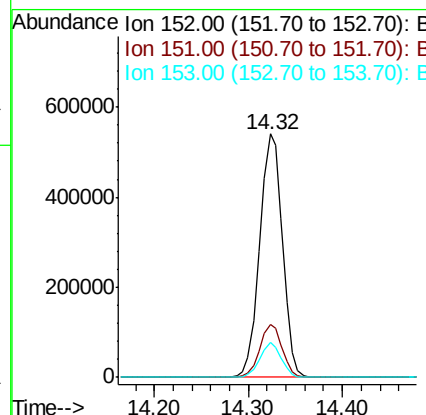
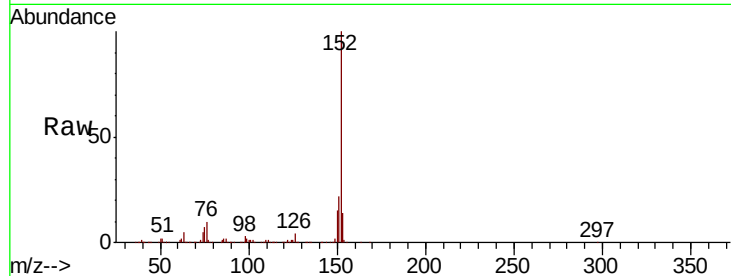
#49
Acenaphthylene
Concen: 48.902 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.5	17.4	26.2
153	14.2	10.7	16.1

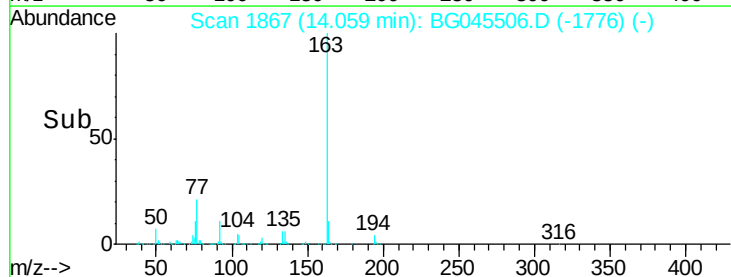
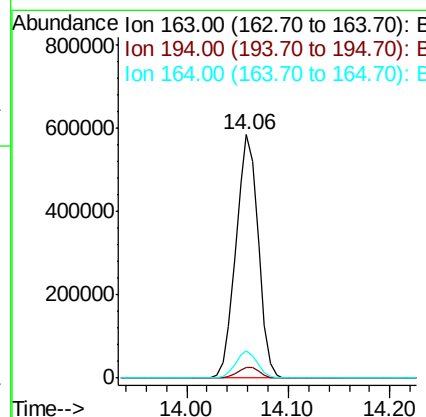
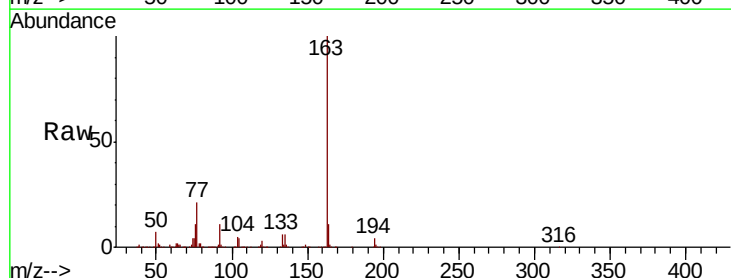
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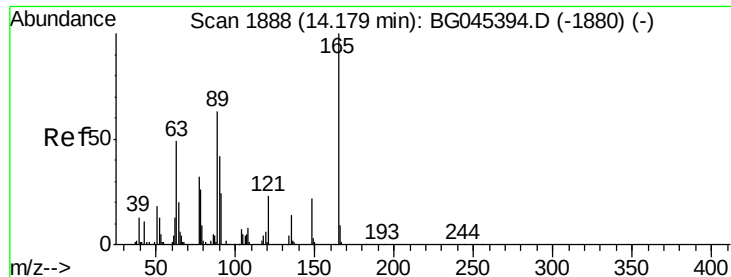
mohammad
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#50
Dimethylphthalate
Concen: 56.224 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.1	8.3	12.5





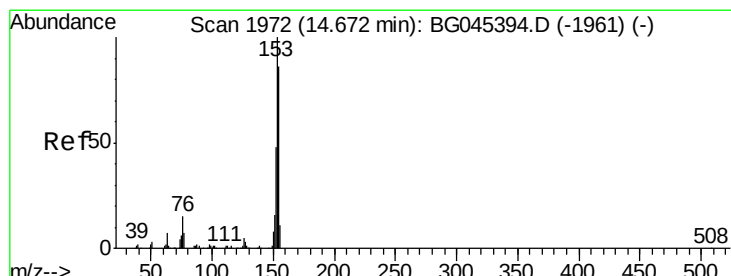
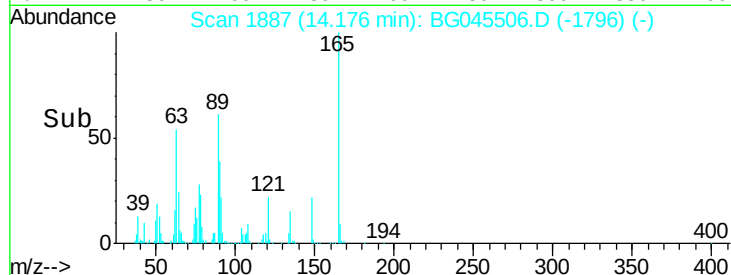
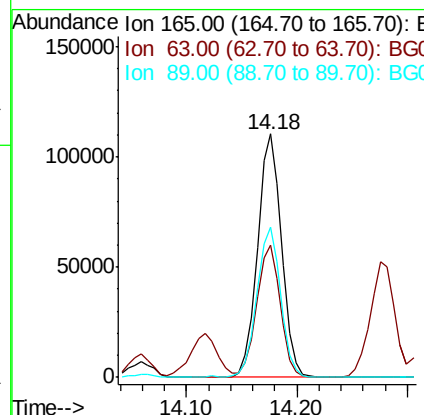
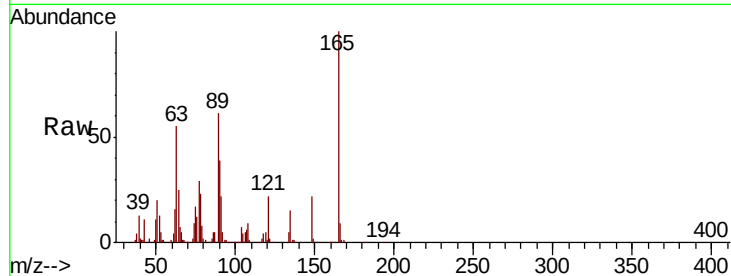
#51
2,6-Dinitrotoluene
Concen: 46.987 ng
RT: 14.18 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	167586		
63	54.5	45.0	67.4	
89	61.4	50.2	75.4	

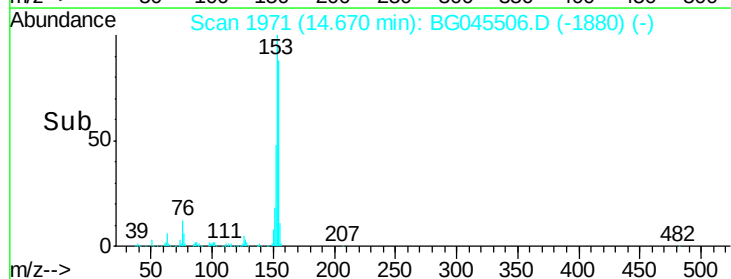
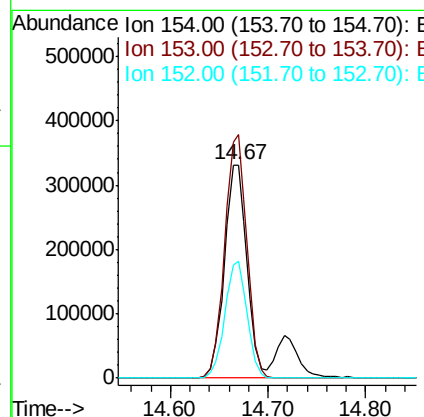
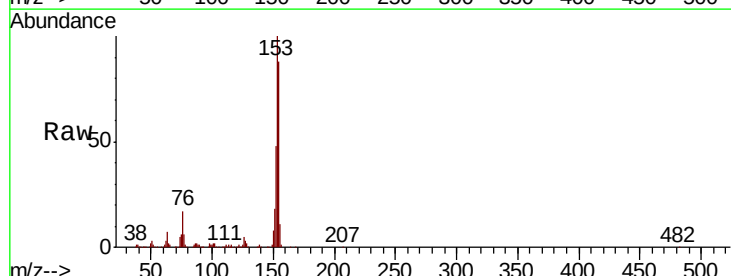
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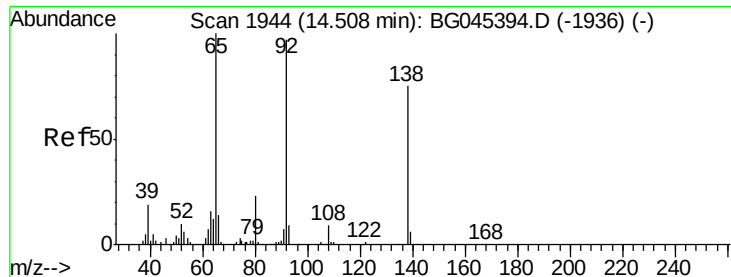
mohammad
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#52
Acenaphthene
Concen: 51.835 ng m
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	640738		
153	114.1	92.8	139.2	
152	54.9	44.6	66.8	





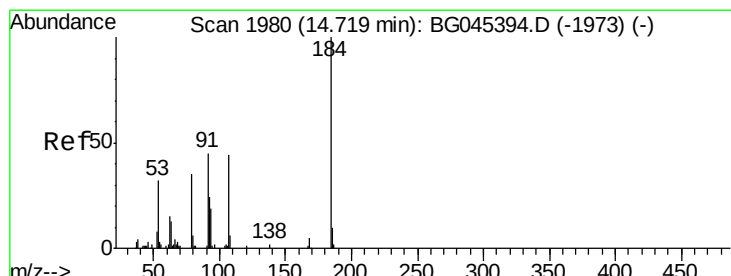
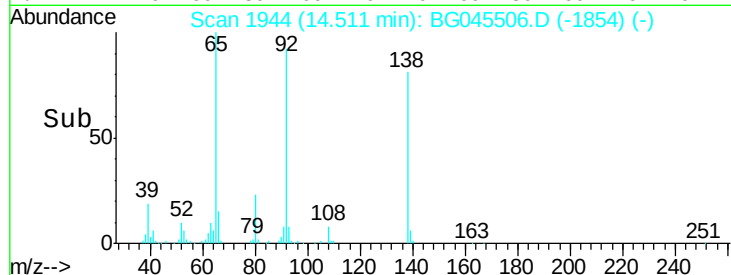
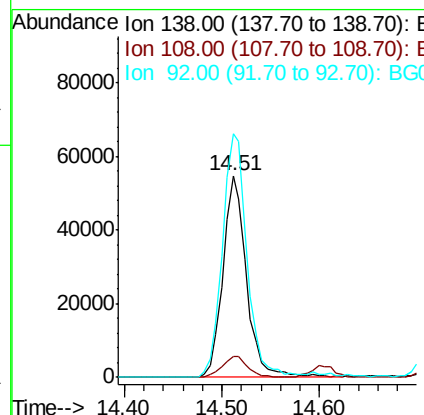
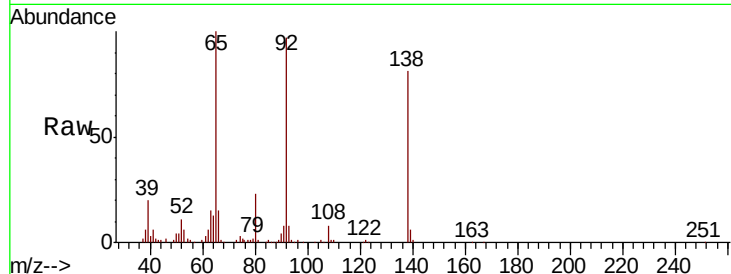
#53
 3-Nitroaniline
 Concen: 25.267 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	120.6	103.0	154.4

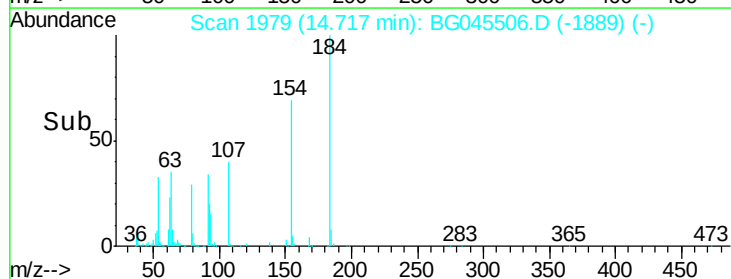
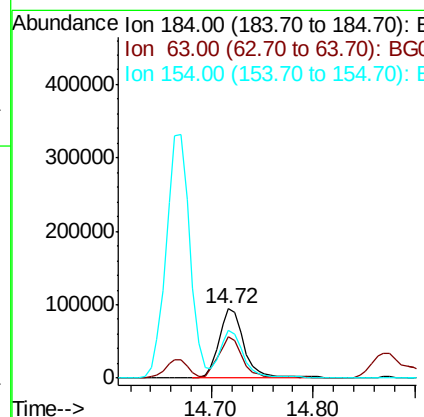
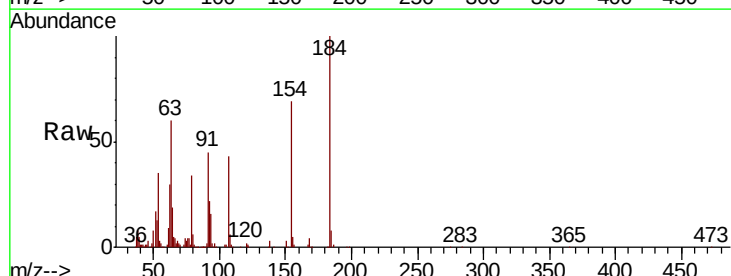
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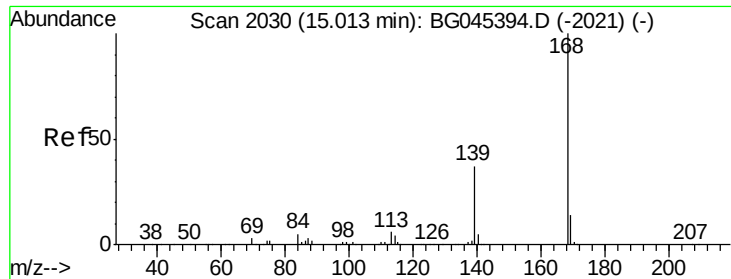
mohammad
 5/29/2020 10:27:09 PM



#54
 2,4-Dinitrophenol
 Concen: 70.295 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	47.8	71.6
154	69.2	58.3	87.5





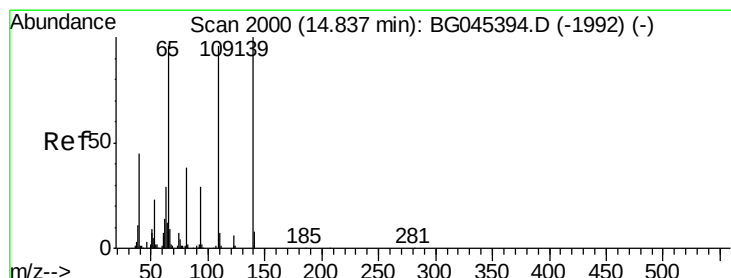
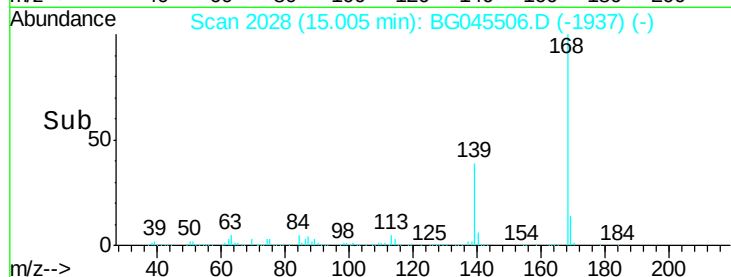
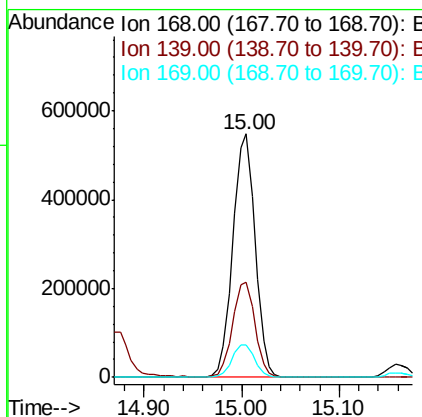
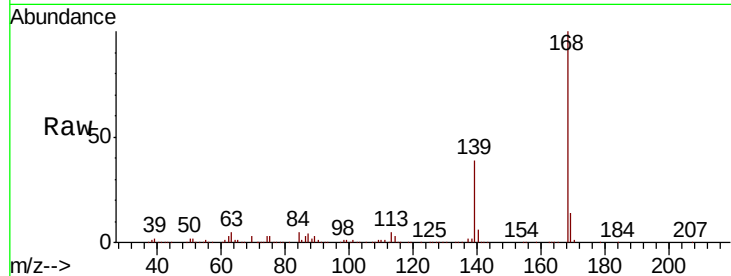
#55
Dibenzofuran
Concen: 47.385 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	29.9	44.9
169	13.5	10.9	16.3

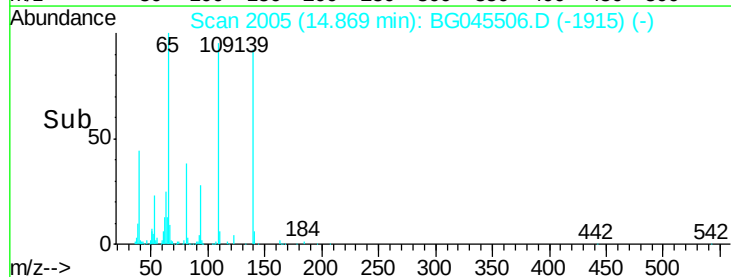
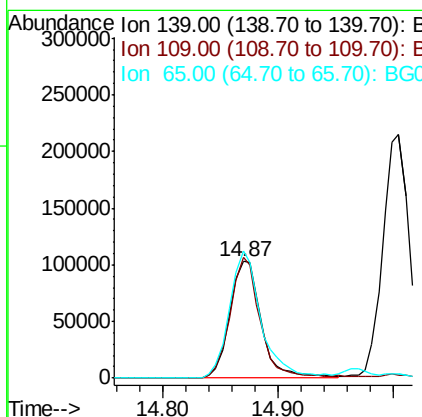
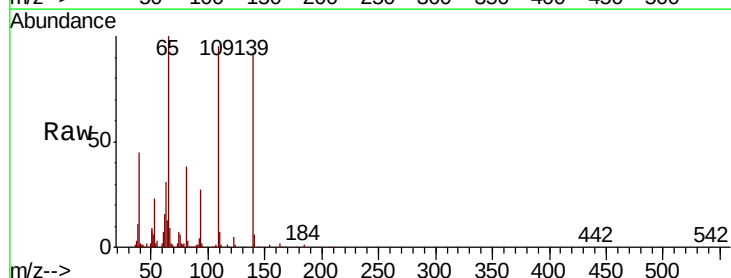
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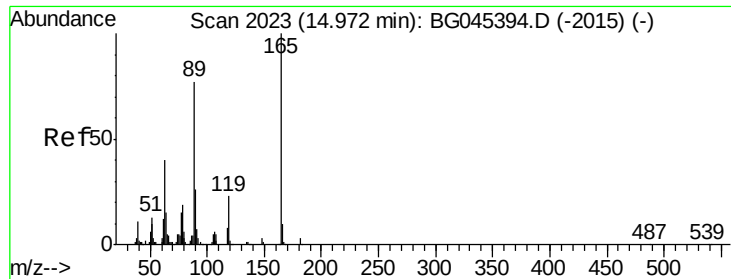
mohammad
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#56
4-Nitrophenol
Concen: 71.121 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.6	75.6	115.6
65	108.8	76.8	116.8





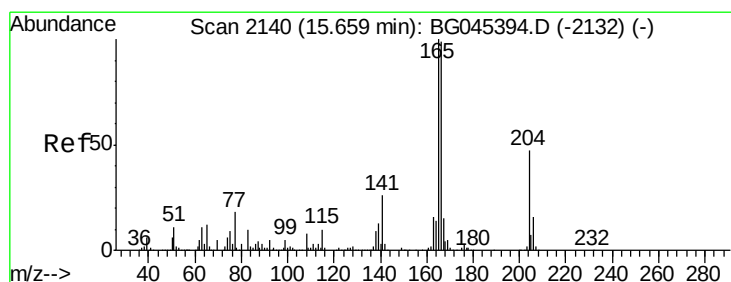
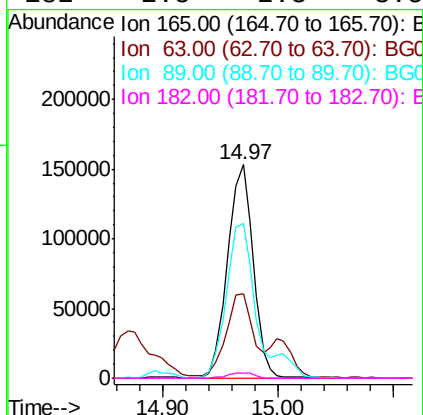
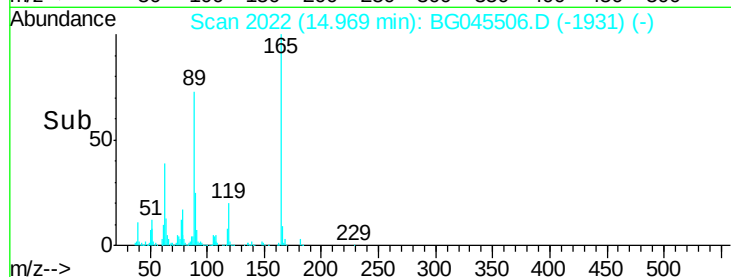
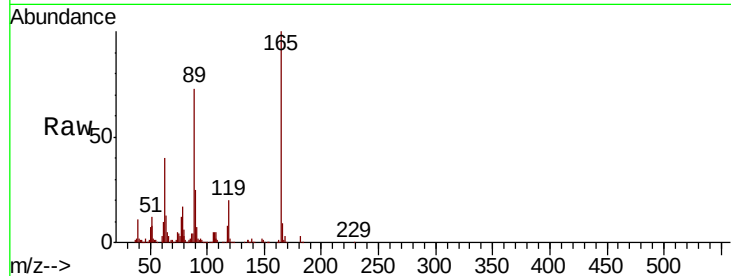
#57
2,4-Dinitrotoluene
Concen: 45.783 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	32.5	48.7
89	72.6	61.8	92.6
182	2.5	2.3	3.5

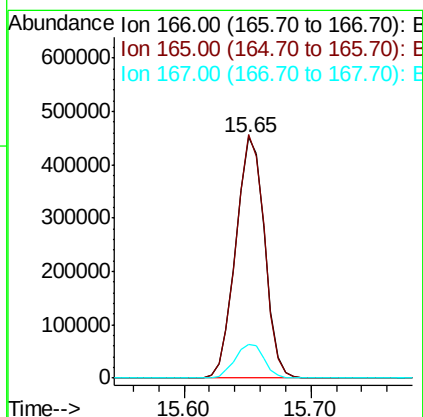
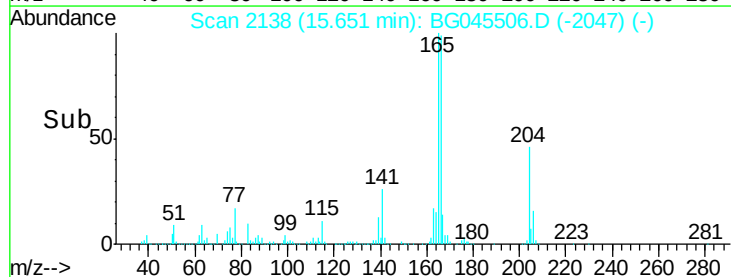
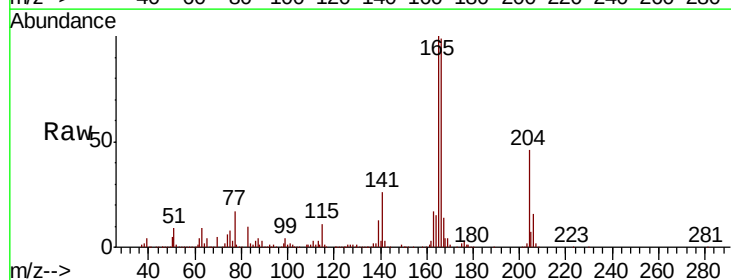
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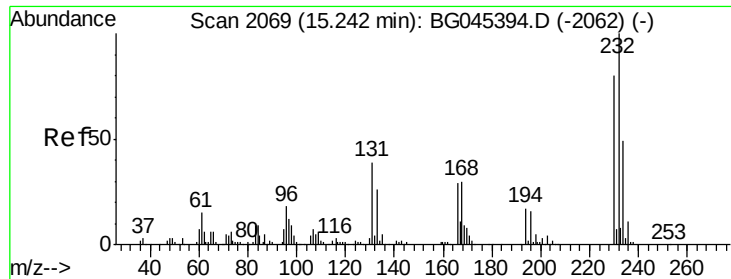
mohammad
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#58
Fluorene
Concen: 47.071 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.8	121.2
167	14.2	12.0	18.0





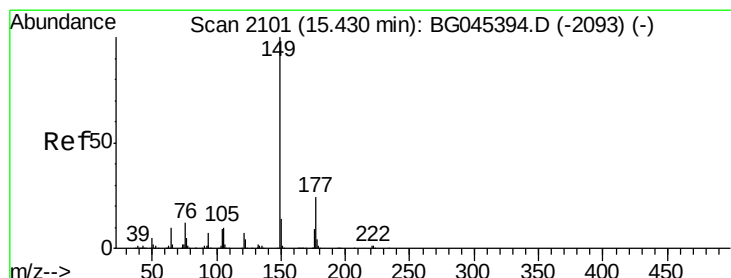
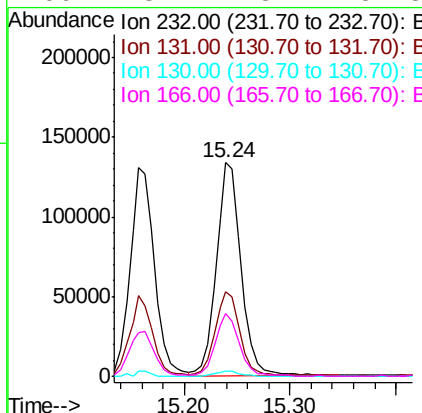
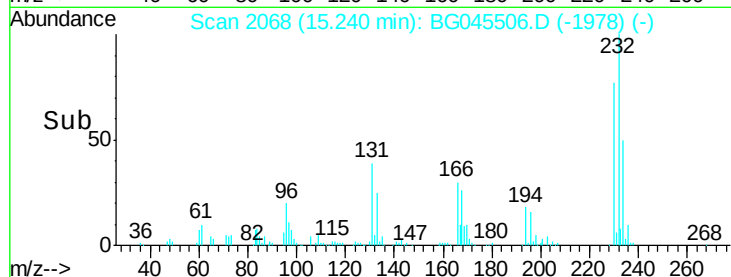
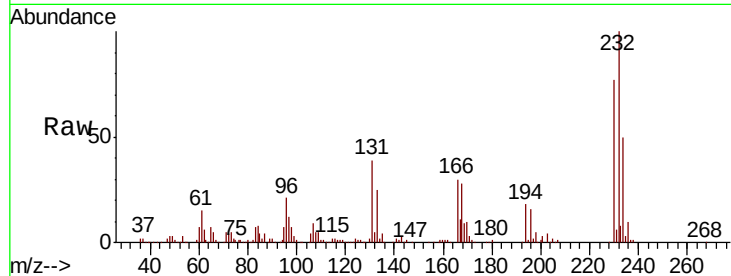
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.224 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		216749		
131	40.4	33.7	50.5		
130	2.4	2.1	3.1		
166	28.7	23.2	34.8		

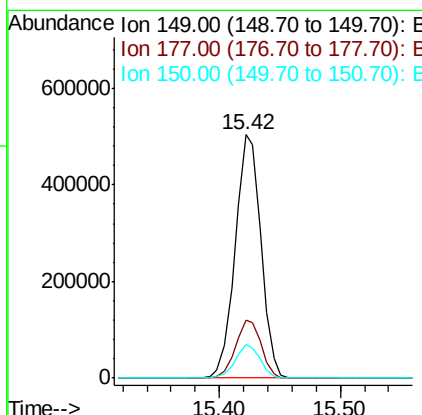
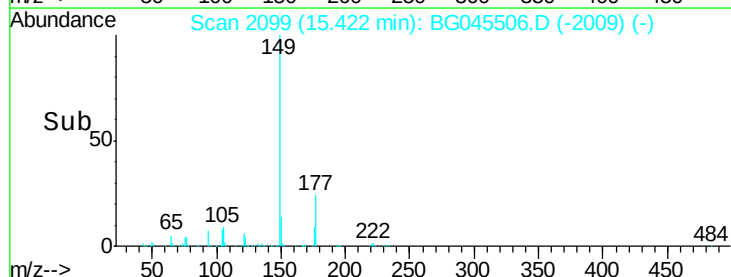
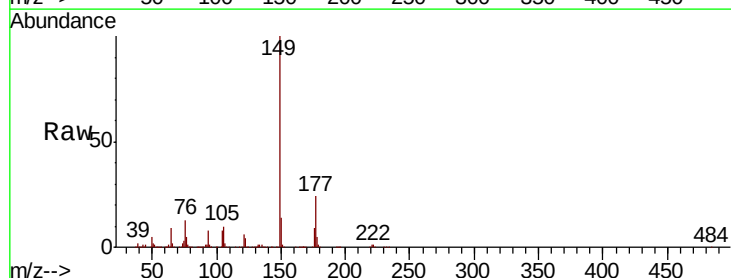
Manual Integrations
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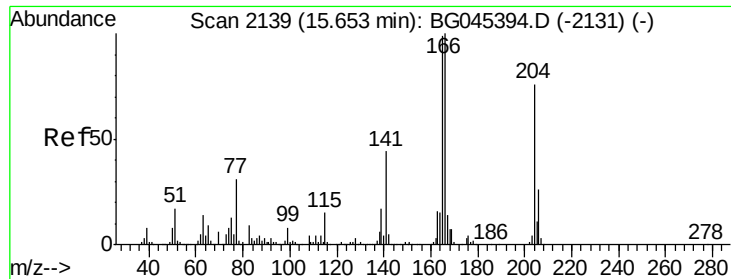
mohammad
 5/29/2020 10:27:09 PM



#60
 Diethylphthalate
 Concen: 45.342 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		745941		
177	24.0	19.0	28.4		
150	13.6	11.4	17.0		





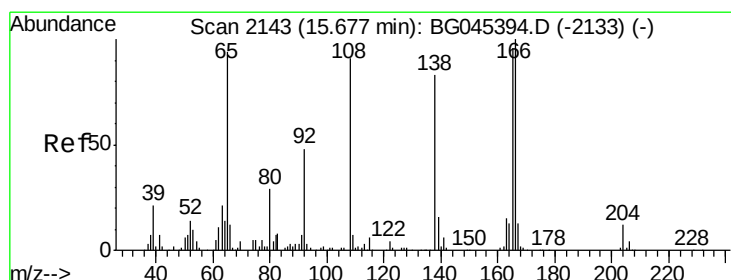
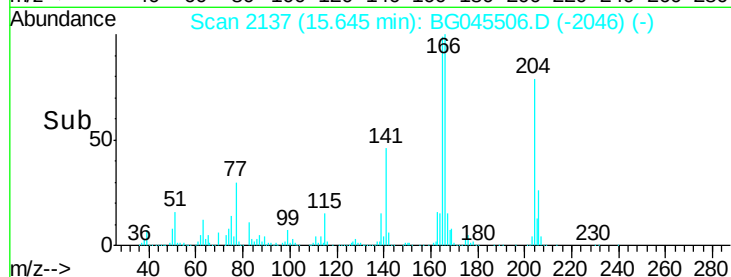
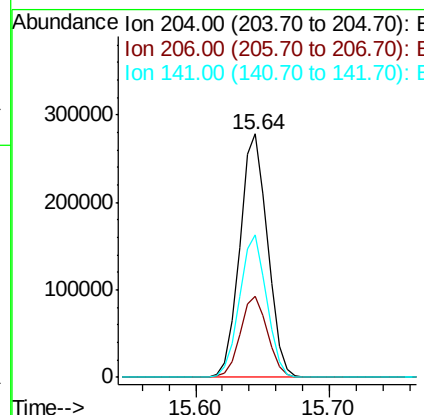
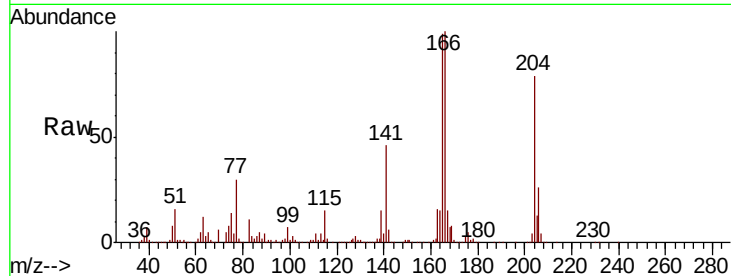
#61
4-Chlorophenyl-phenylether
Concen: 46.369 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.3	40.9
141	58.3	45.9	68.9

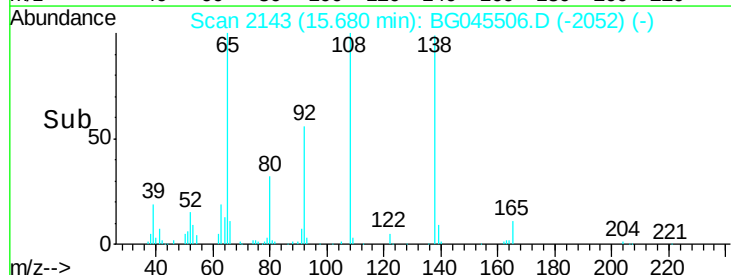
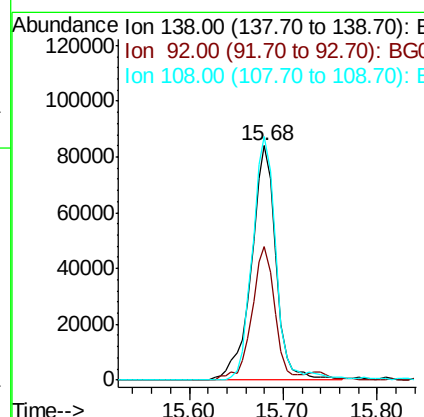
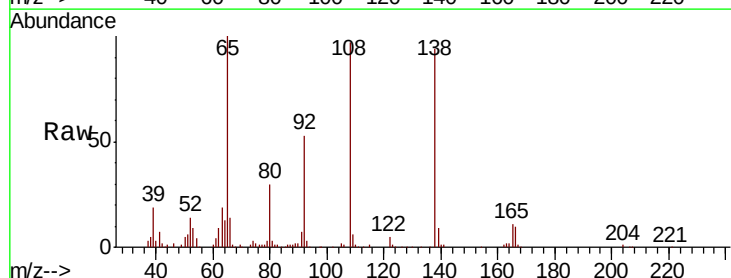
Manual Integrations
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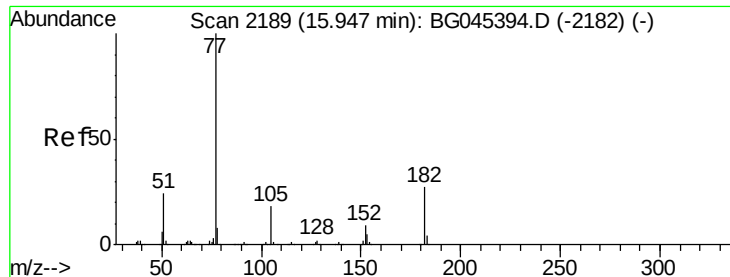
mohammad
5/29/2020 10:27:09 PM



#62
4-Nitroaniline
Concen: 40.216 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	38.0	78.0
108	103.9	89.3	129.3





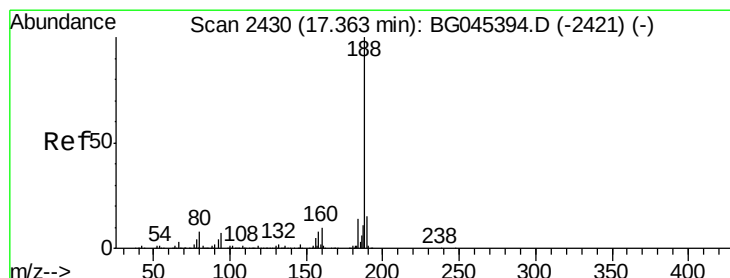
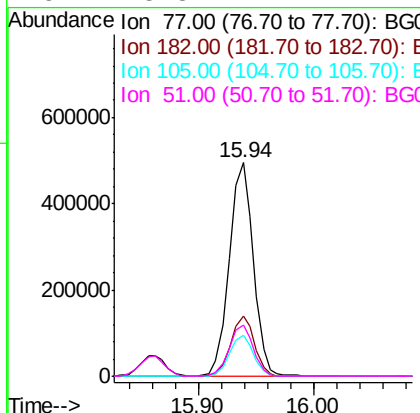
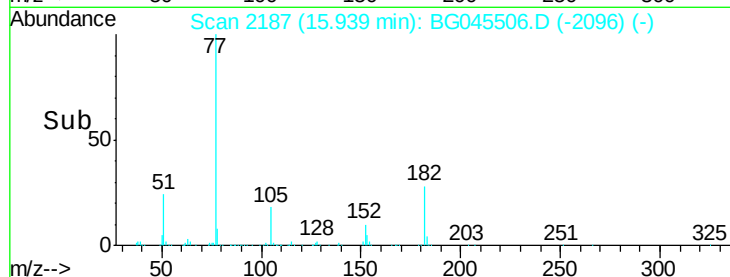
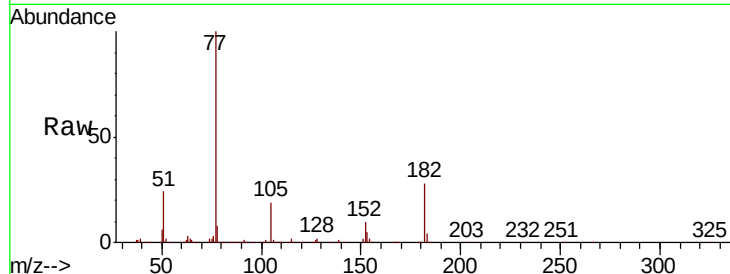
#63
Azobenzene
Concen: 46.321 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		710576		
182	28.0	6.5	46.5		
105	19.2	0.0	37.9		
51	23.8	4.1	44.1		

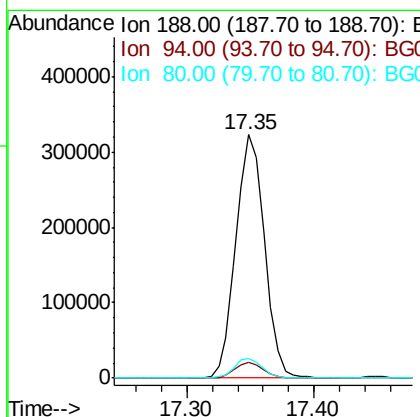
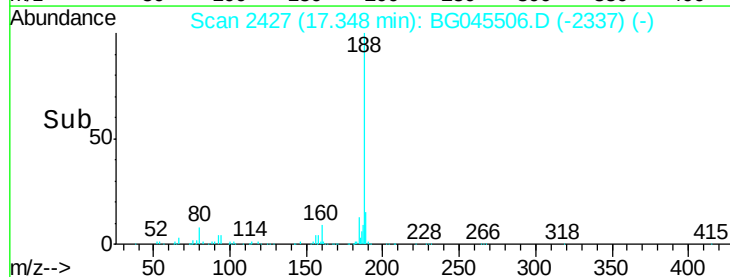
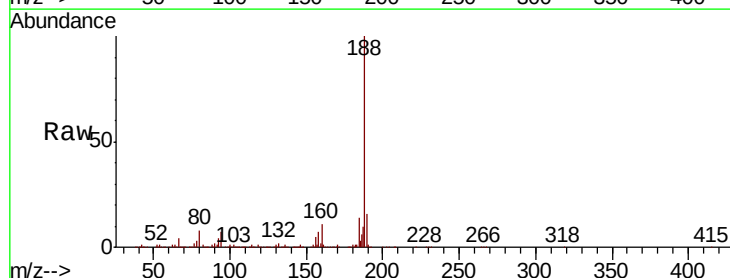
Manual Integrations
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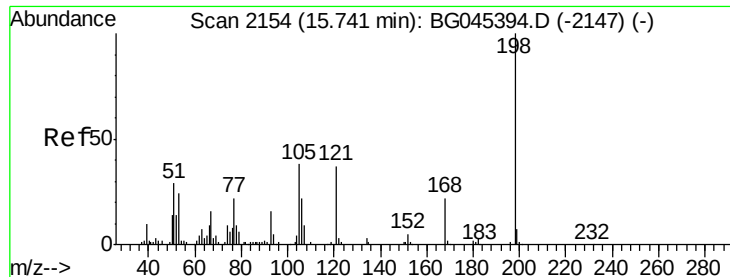
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		504830		
94	6.7	5.5	8.3		
80	7.9	6.6	10.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.091 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MSD

Tot Ion:198 Resp: 135514

Ion Ratio Lower Upper

198 100

51 29.6 10.0 50.0

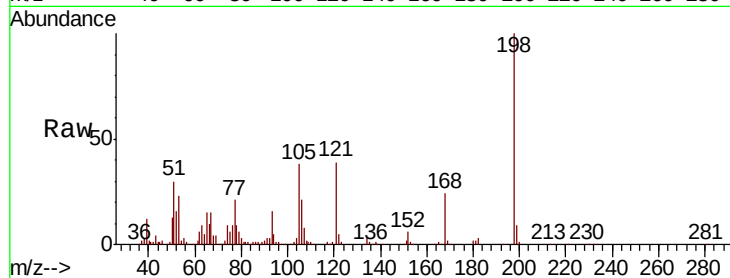
105 37.6 18.9 58.9

Manual Integrations

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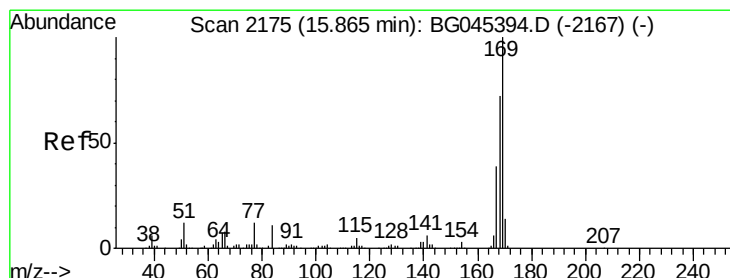
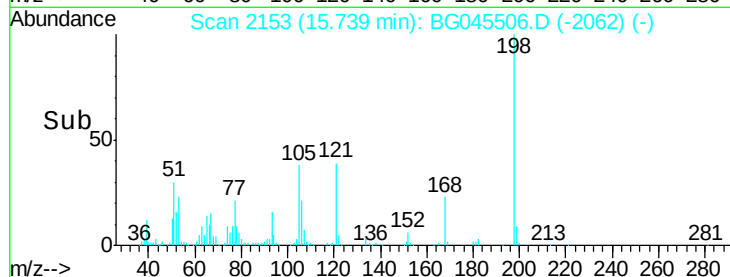
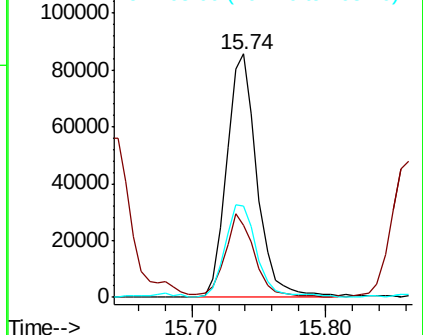
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.258 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

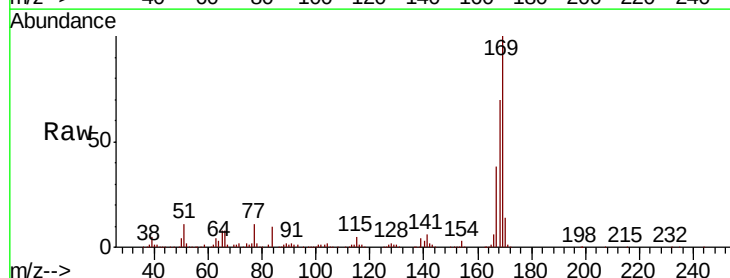
Tgt Ion:169 Resp: 633412

Ion Ratio Lower Upper

169 100

168 70.4 57.8 86.6

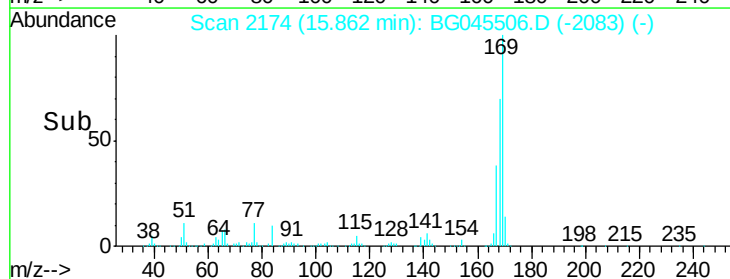
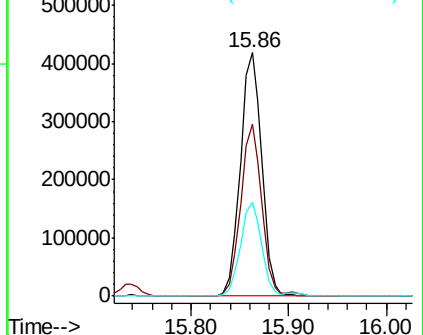
167 38.4 31.5 47.3

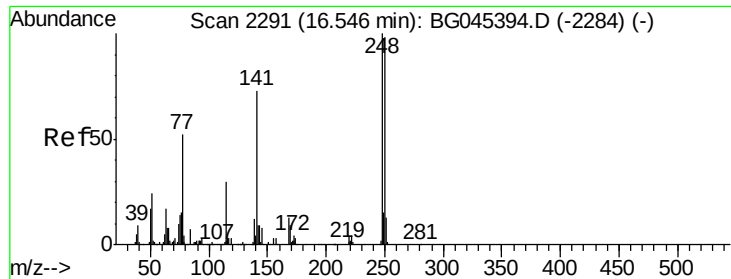


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 49.818 ng

RT: 16.54 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

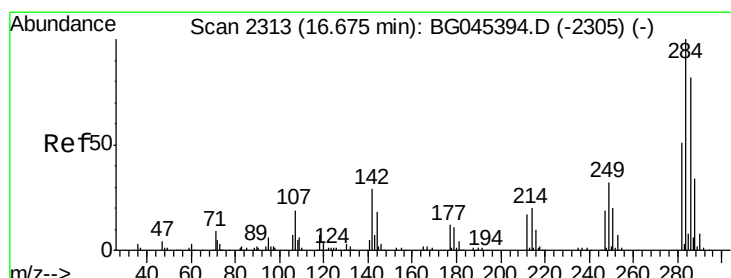
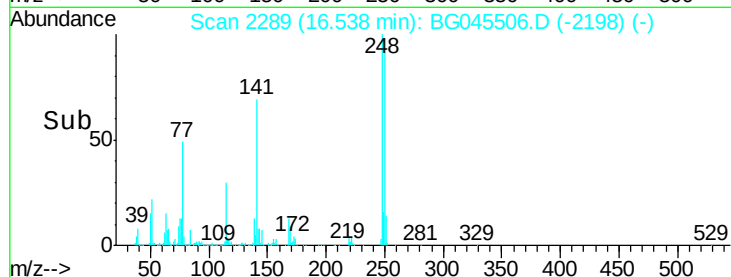
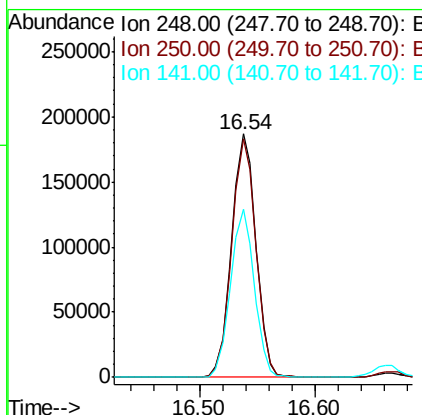
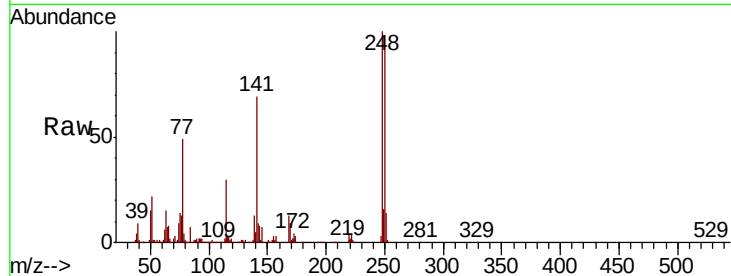
ClientSampleId :

CL-01-052220MSD

Tot Ion:	248	Resp:	272331
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.6	117.8
141	69.1	58.2	87.2

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#68

Hexachlorobenzene

Concen: 51.799 ng

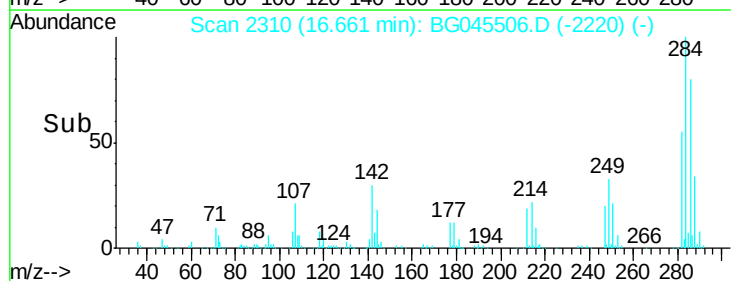
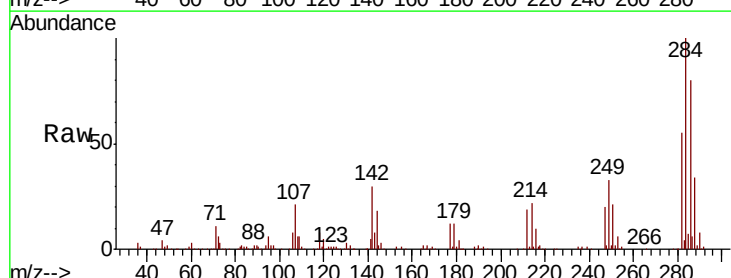
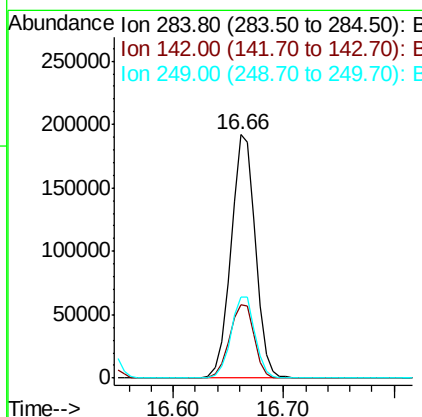
RT: 16.66 min Scan# 2310

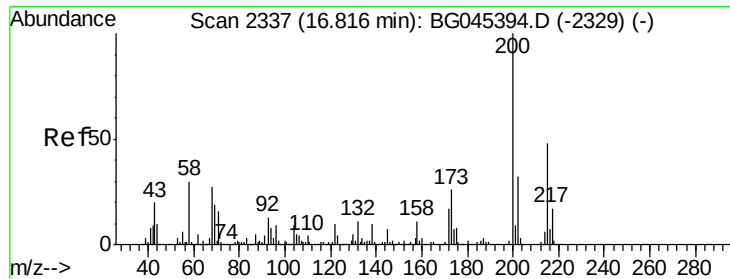
Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	284	Resp:	296163
Ion Ratio	Lower	Upper	
284	100		
142	30.2	23.0	34.6
249	33.2	25.8	38.6





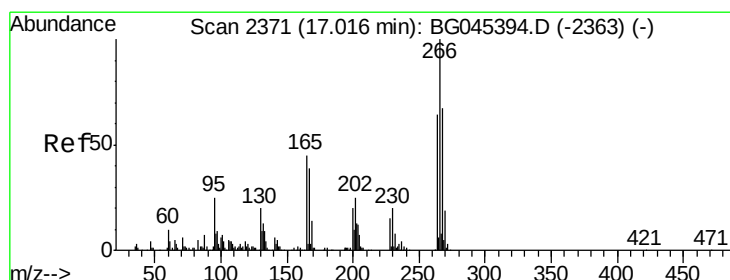
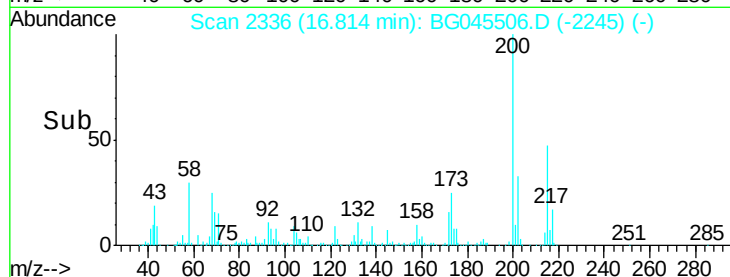
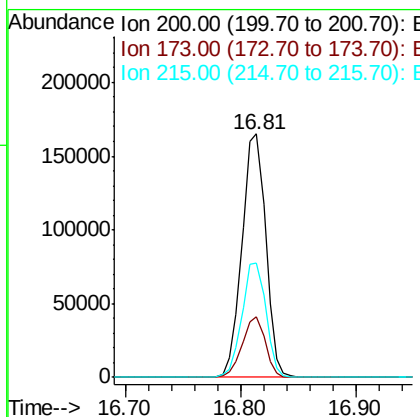
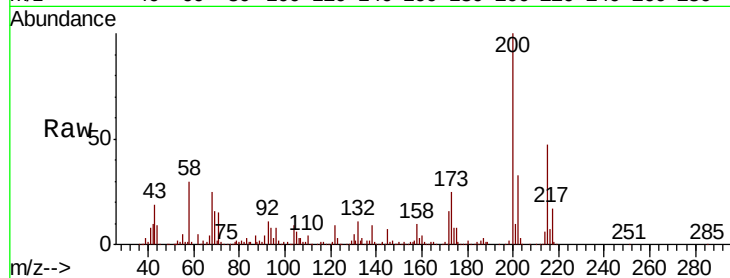
#69
Atrazine
Concen: 47.363 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.5	45.5
215	47.1	28.2	68.2

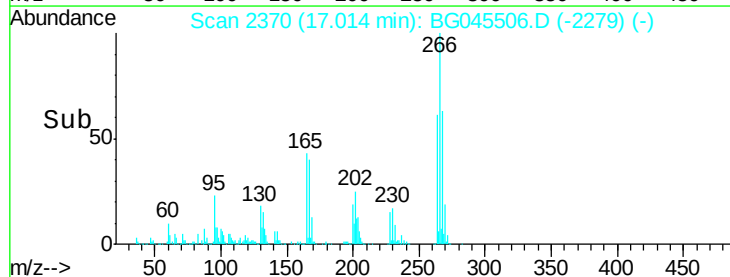
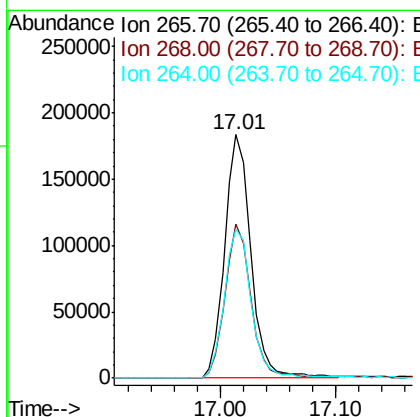
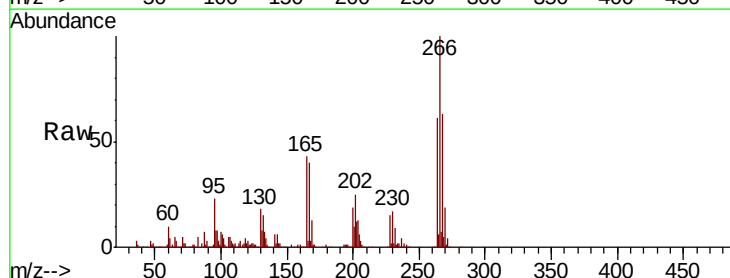
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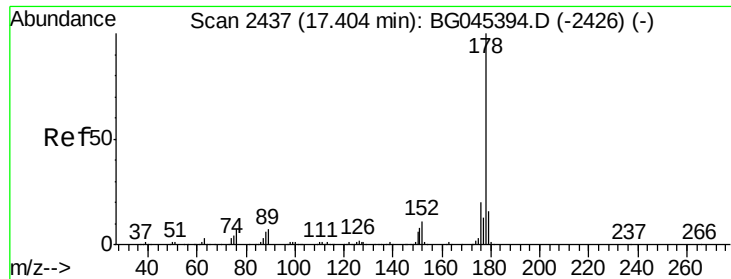
mohammad
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#70
Pentachlorophenol
Concen: 97.572 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.2	79.8
264	61.3	51.0	76.4





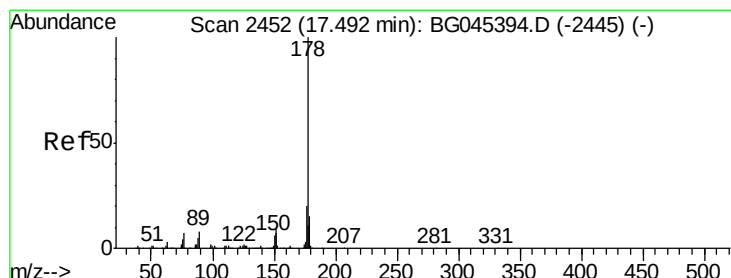
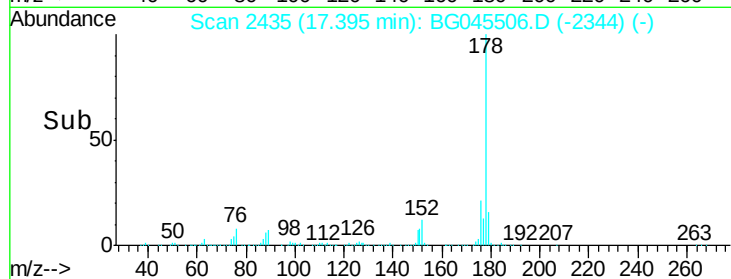
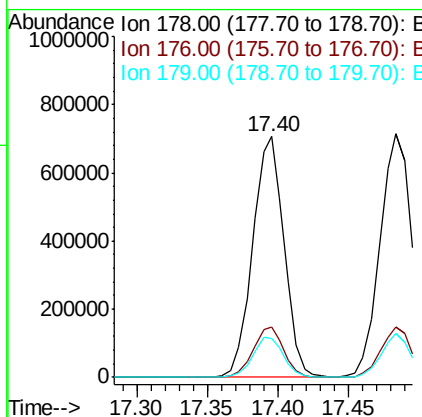
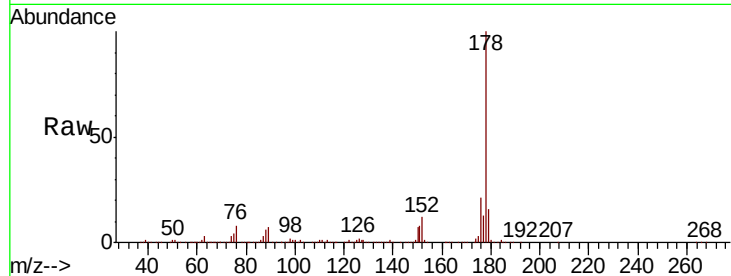
#71
 Phenanthrene
 Concen: 49.882 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	16.4	13.1	19.7

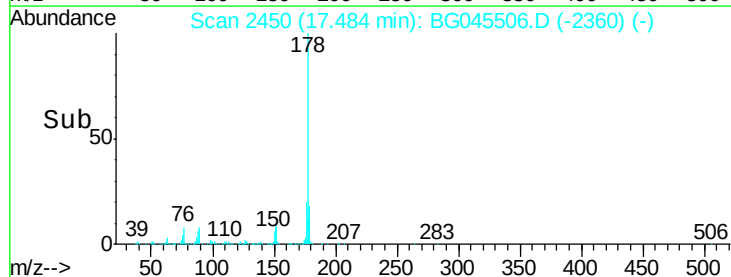
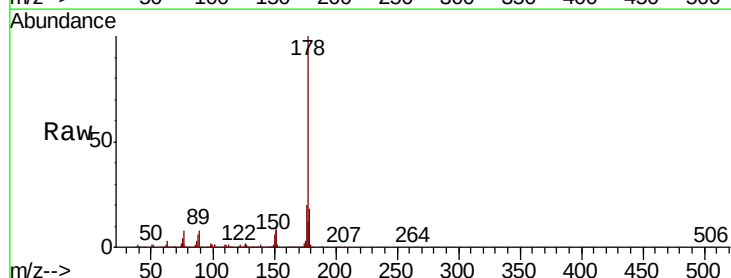
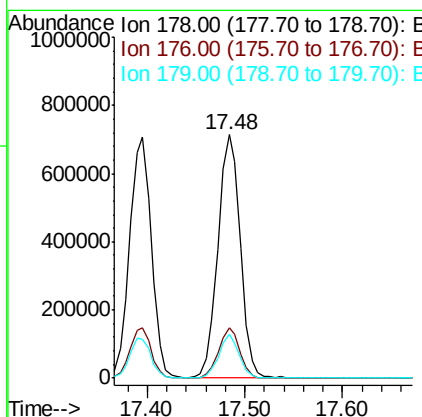
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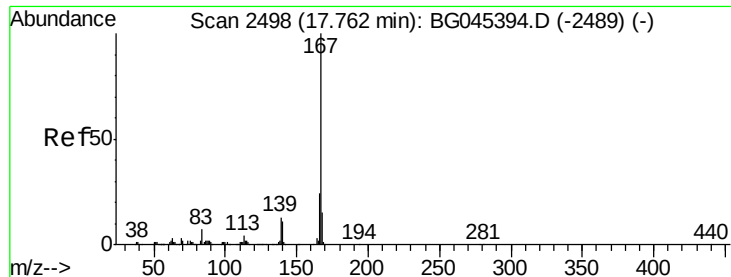
mohammad
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#72
 Anthracene
 Concen: 51.000 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	18.0	12.2	18.4





#73

Carbazole

Concen: 46.911 ng

RT: 17.76 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MSD

Tot Ion:167 Resp: 1012027

Ion Ratio Lower Upper

167 100

166 23.9 19.2 28.8

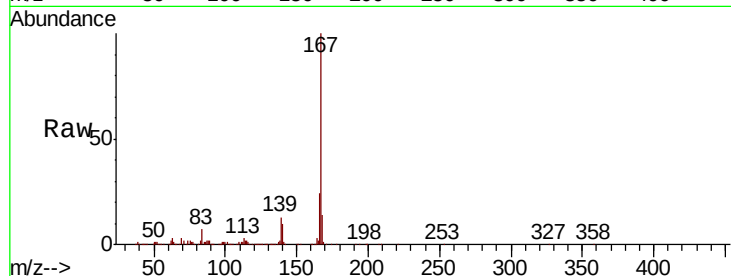
139 12.8 10.6 16.0

Manual Integrations

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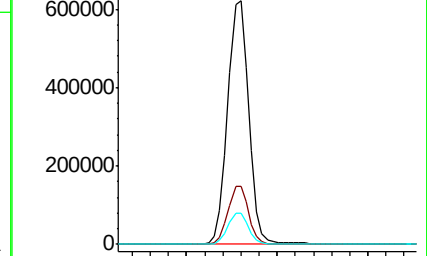
5/29/2020 10:27:09 PM



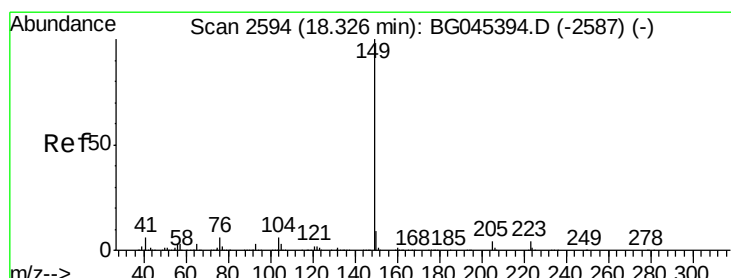
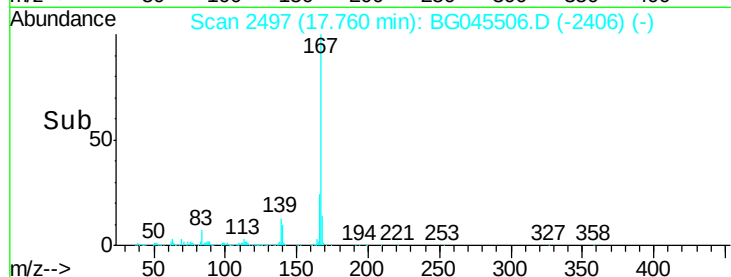
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 46.277 ng

RT: 18.31 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

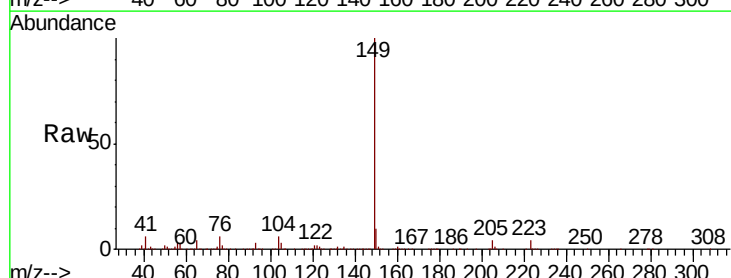
Tgt Ion:149 Resp: 1198273

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

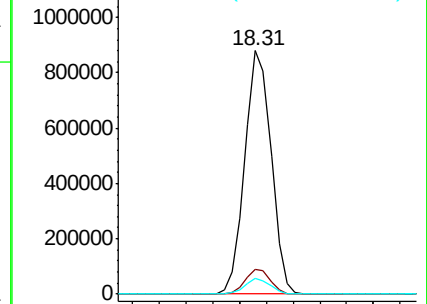
104 6.3 5.0 7.4



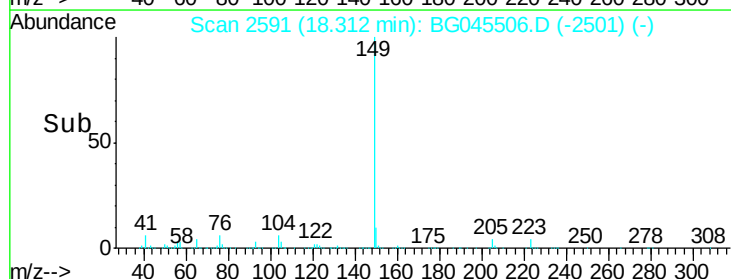
Abundance Ion 149.00 (148.70 to 149.70): E

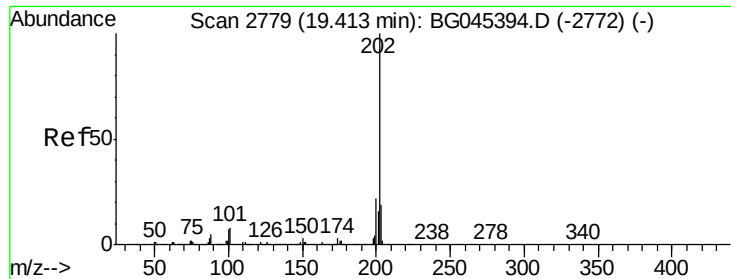
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





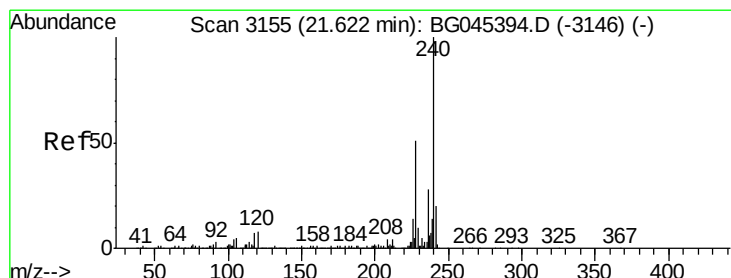
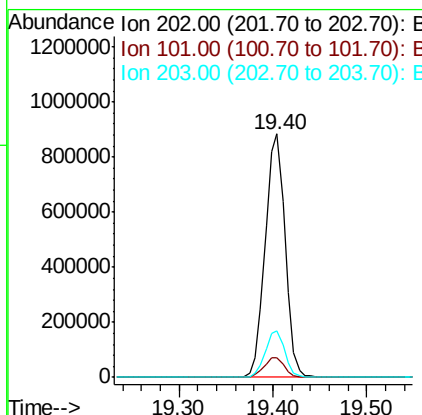
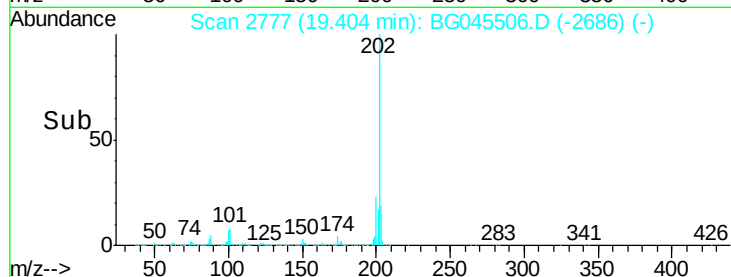
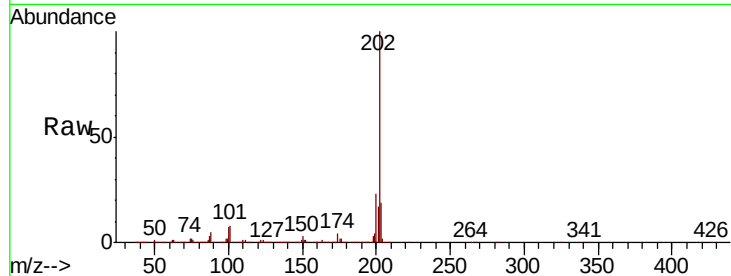
#75
 Fluoranthene
 Concen: 46.346 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	19.1	0.0	39.0

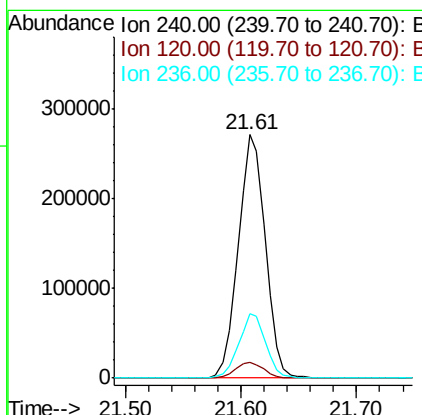
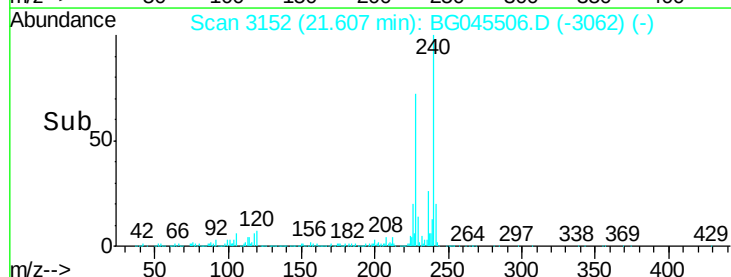
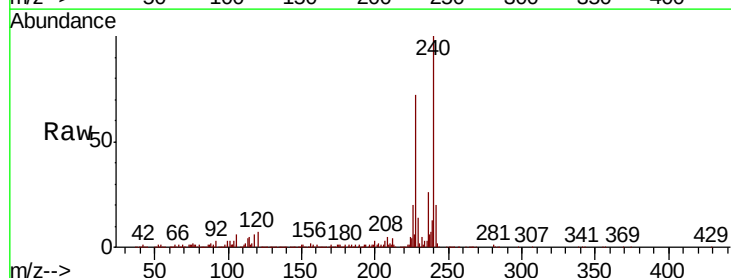
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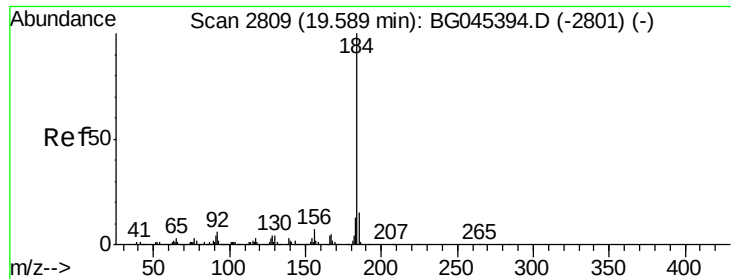
mohammad
 5/29/2020 10:27:09 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045506.D
 Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	26.3	22.3	33.5





#77

Benzidine

Concen: 26.268 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

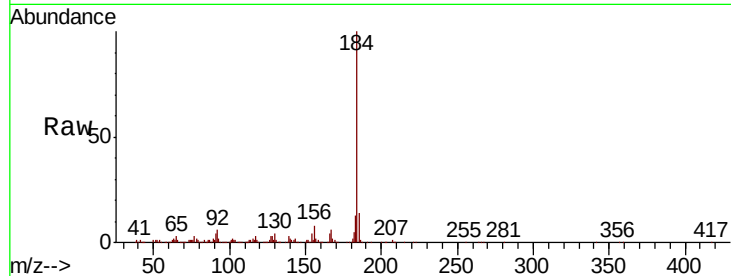
ClientSampleId :

CL-01-052220MSD

Tot Ion:	184	Resp:	325220
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.7	17.5
183	12.8	10.2	15.4

Manual Integrations
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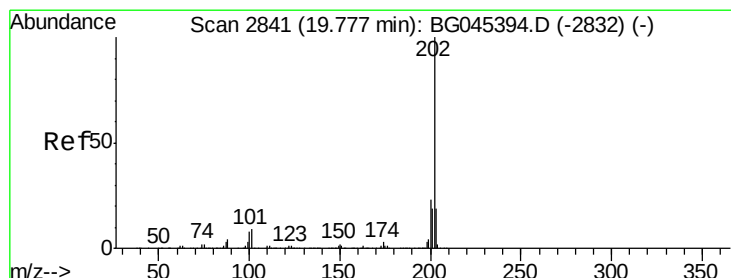
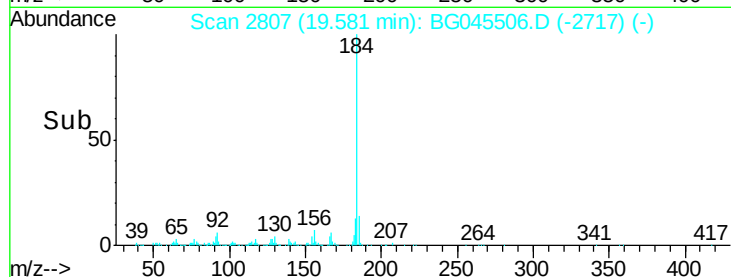
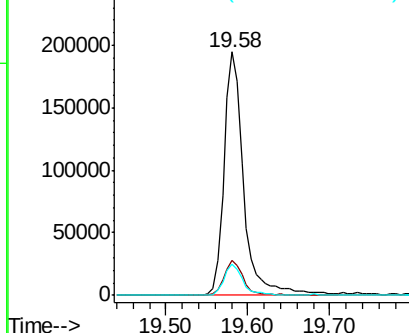


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.250 ng

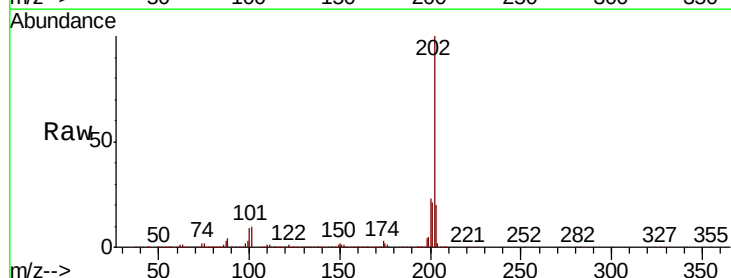
RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	202	Resp:	1287835
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.2	27.2
203	19.8	15.1	22.7

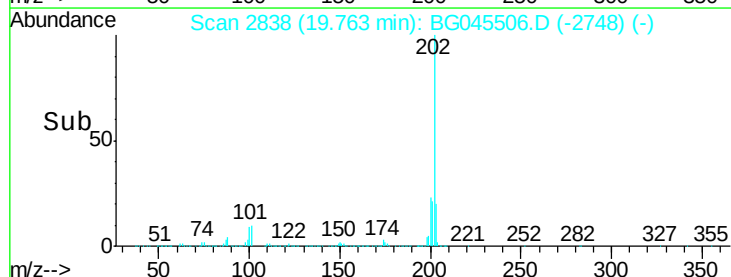
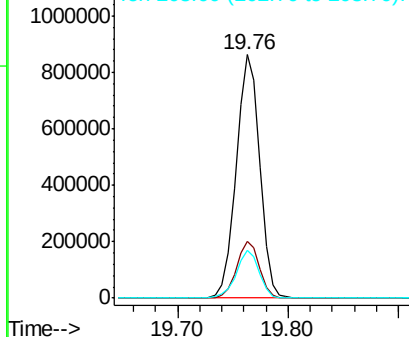


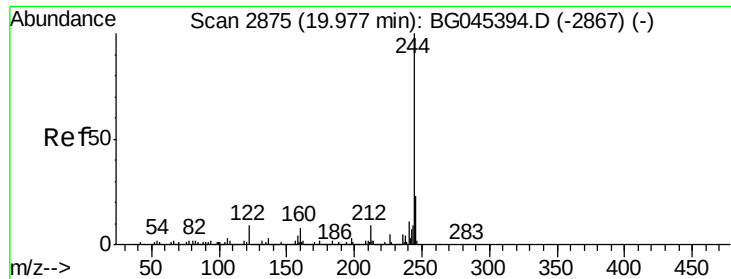
Abundance

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





#79

Terphenyl-d14

Concen: 107.800 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MSD

Tot Ion:244 Resp: 2037478

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

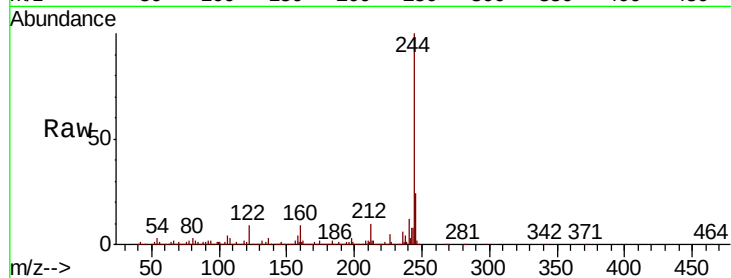
122 9.3 6.8 10.2

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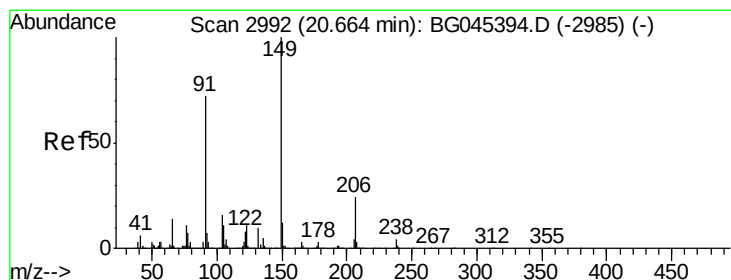
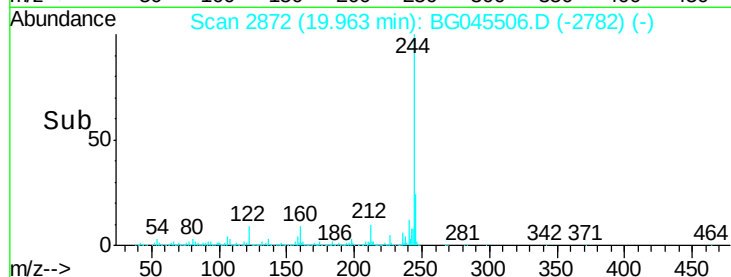
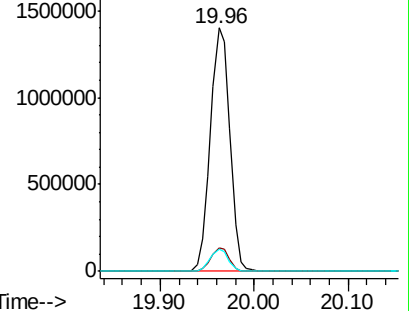
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.089 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

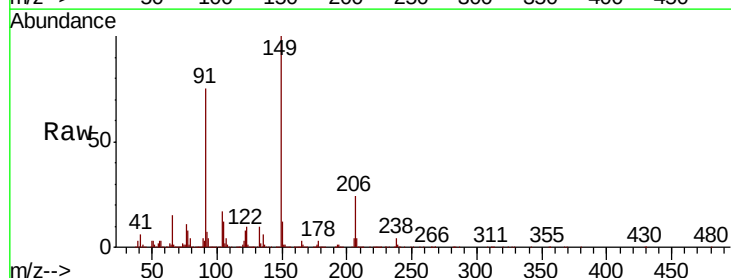
Tgt Ion:149 Resp: 521583

Ion Ratio Lower Upper

149 100

91 75.4 57.8 86.6

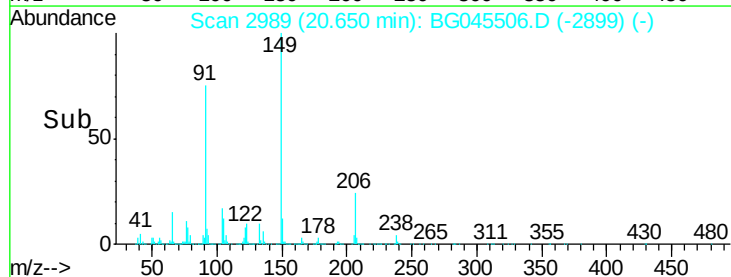
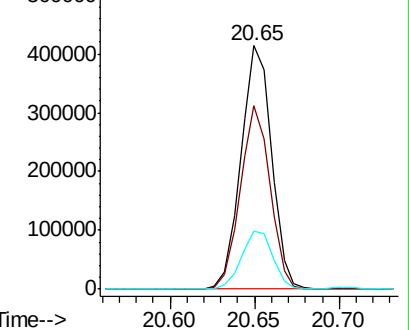
206 24.0 19.1 28.7

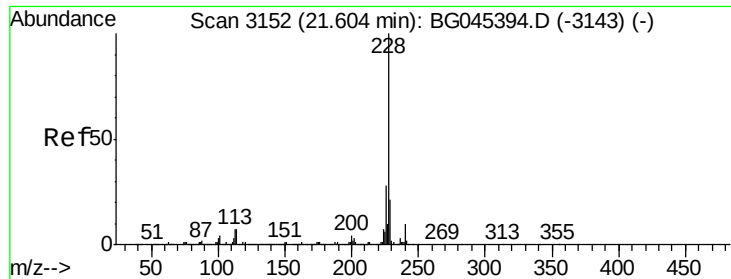


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.415 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Instrument :

BNA_G

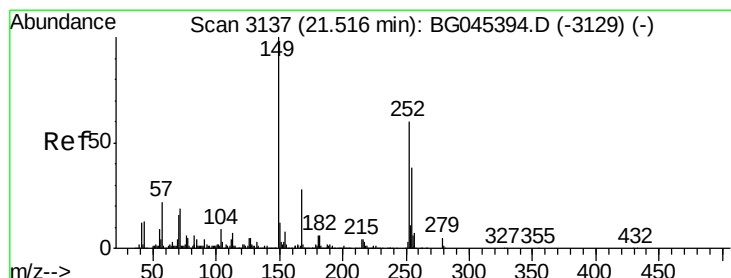
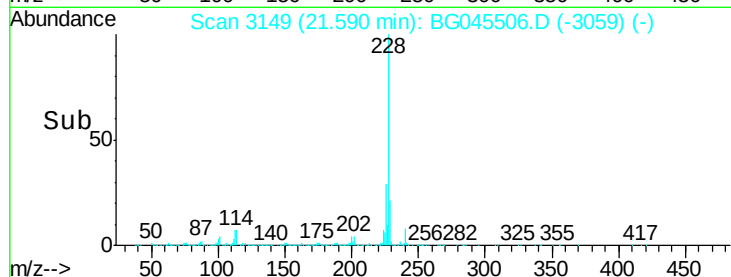
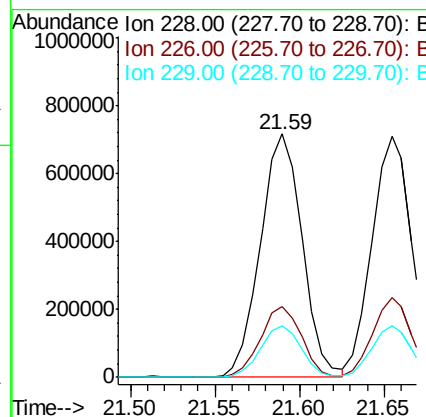
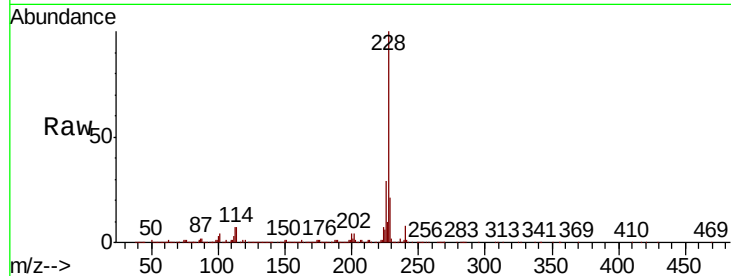
ClientSampleId :

CL-01-052220MSD

Tot Ion:	228	Resp:	1238026
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	21.3	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 28.034 ng

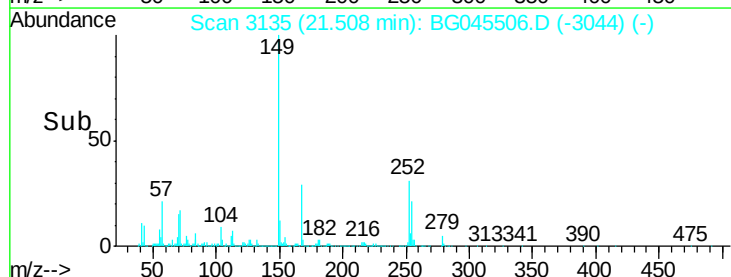
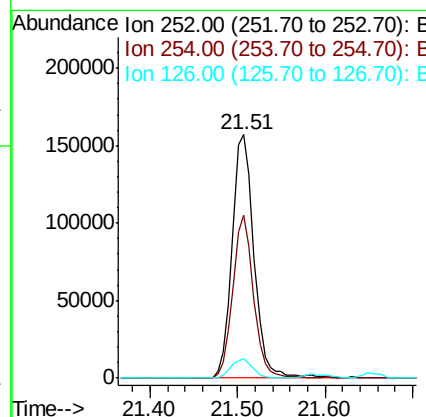
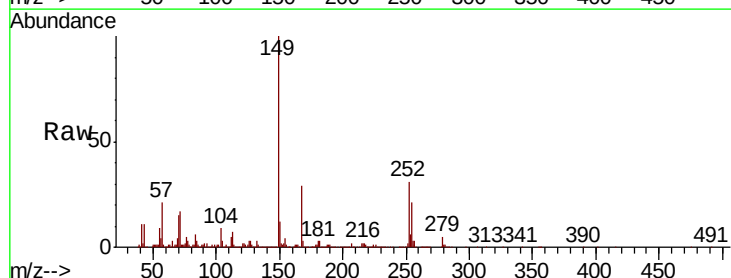
RT: 21.51 min Scan# 3135

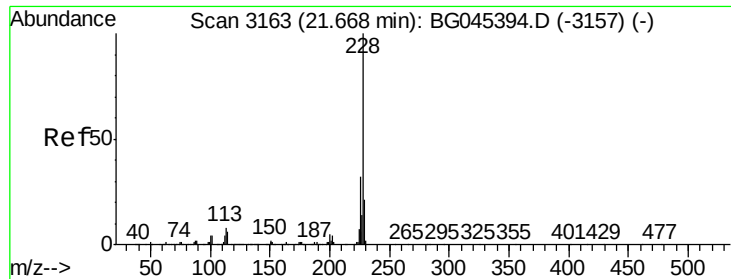
Delta R.T. 0.00 min

Lab File: BG045506.D

Acq: 28 May 2020 20:58

Tgt Ion:	252	Resp:	270040
Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.3	76.9
126	8.2	6.6	10.0





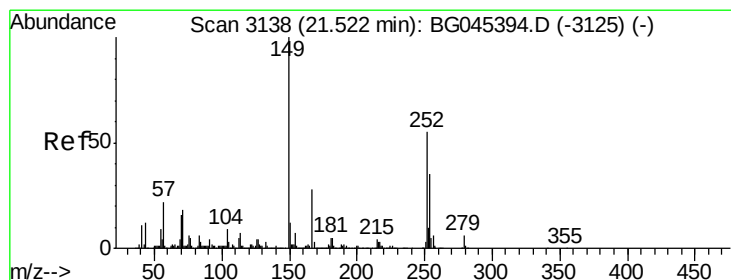
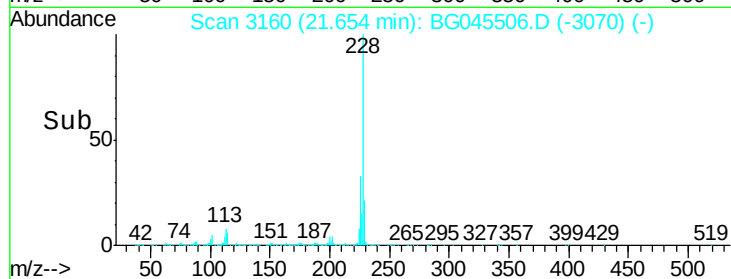
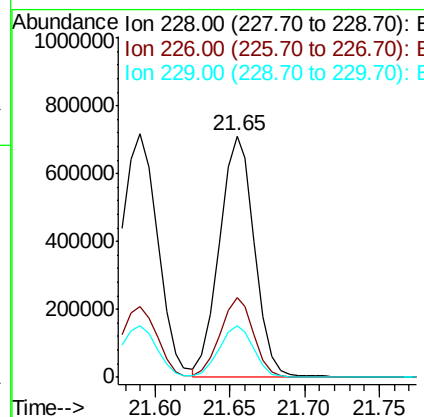
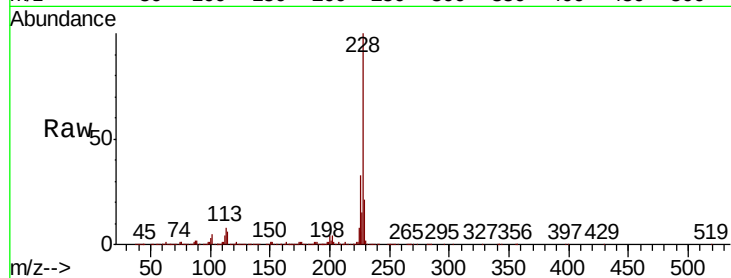
#83
Chrysene
Concen: 48.971 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.2	37.8
229	21.2	16.7	25.1

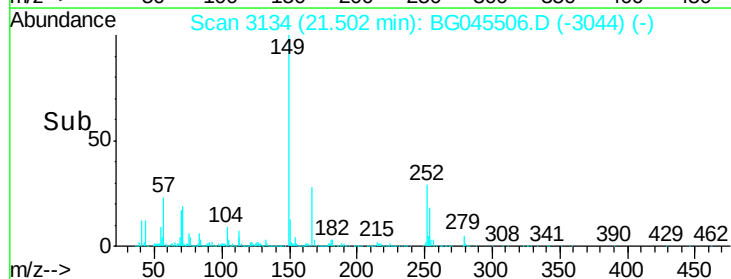
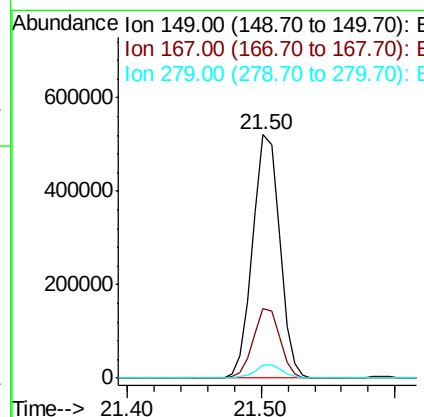
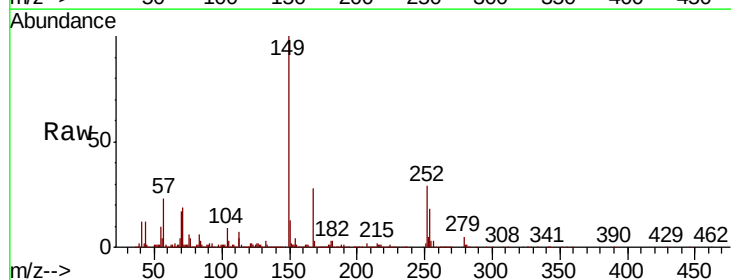
Manual Integrations
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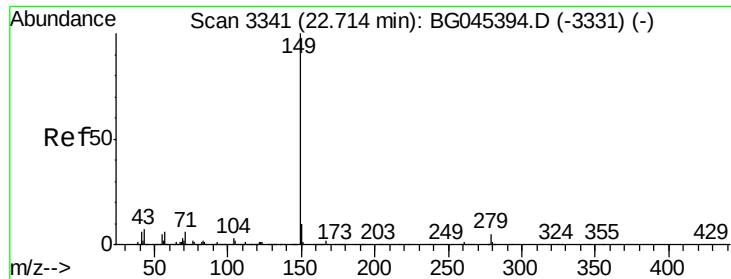
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.739 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.2
279	5.3	4.7	7.1





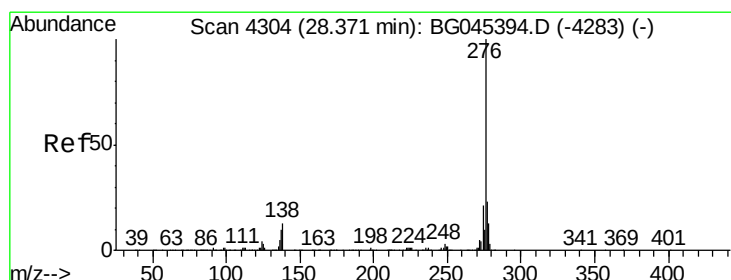
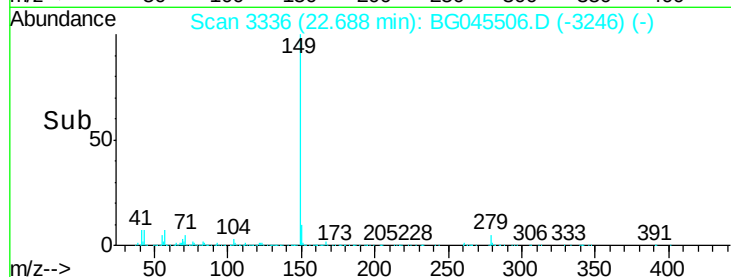
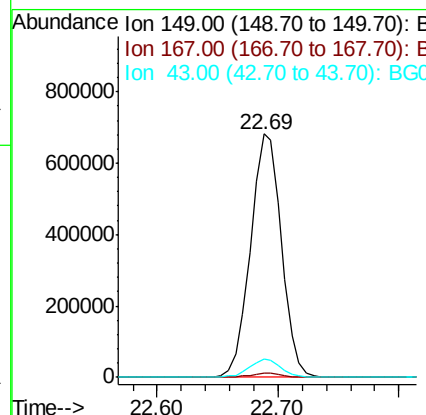
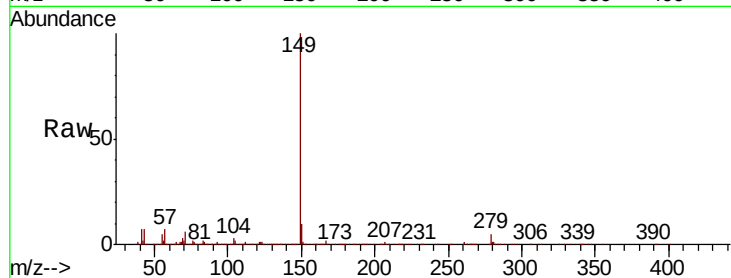
#85
Di-n-octyl phthalate
Concen: 47.415 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.3	5.8	8.8

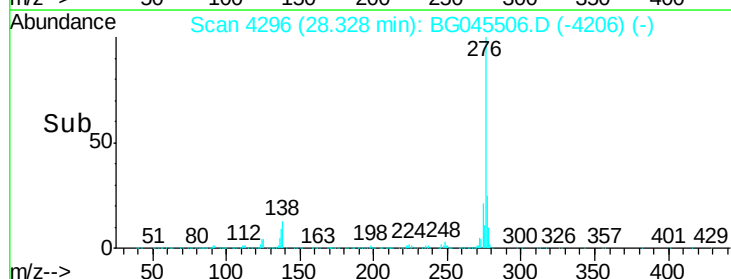
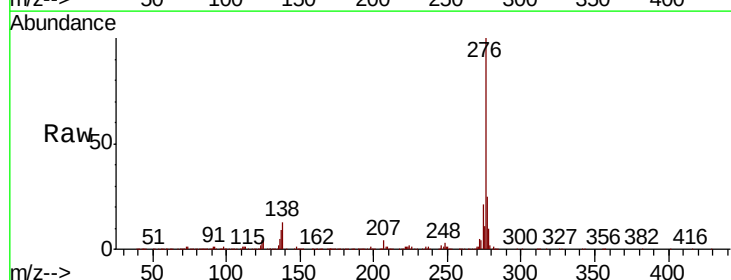
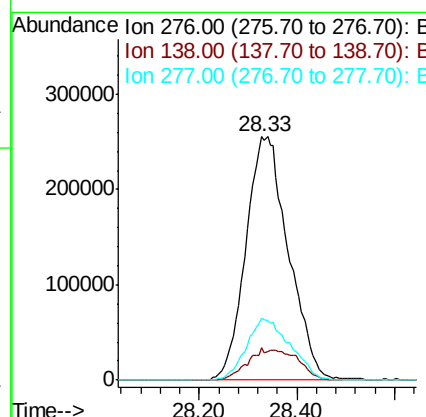
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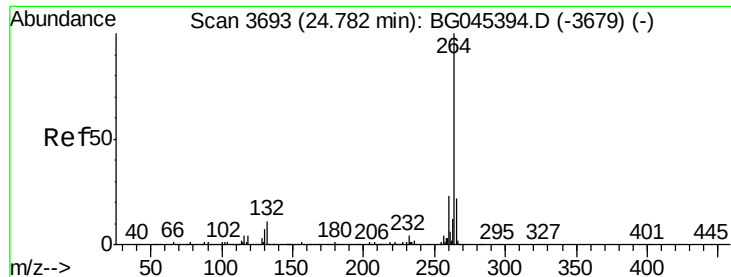
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.142 ng
RT: 28.33 min Scan# 4296
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.3	8.6	12.8#
277	26.0	20.2	30.4





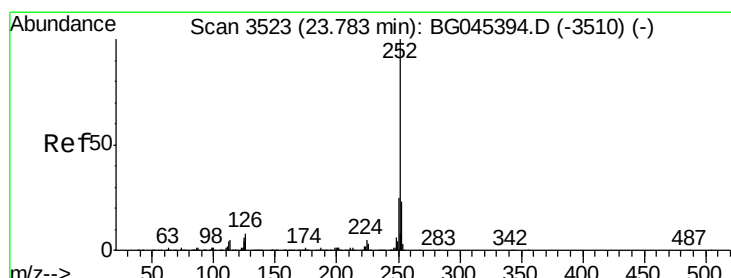
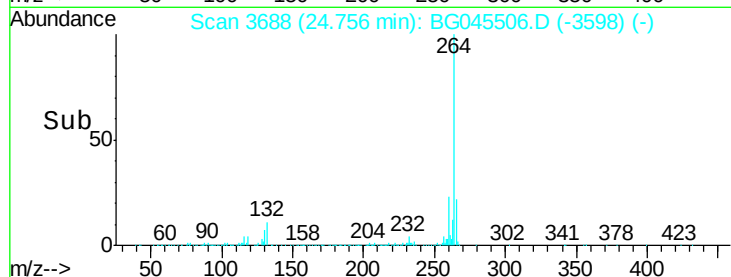
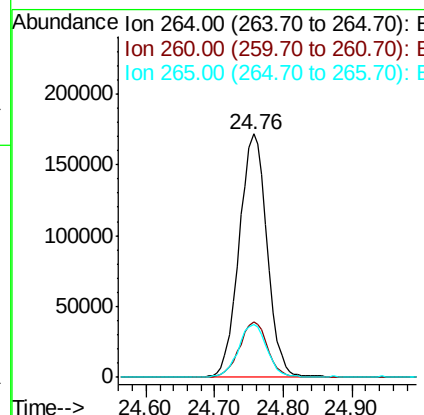
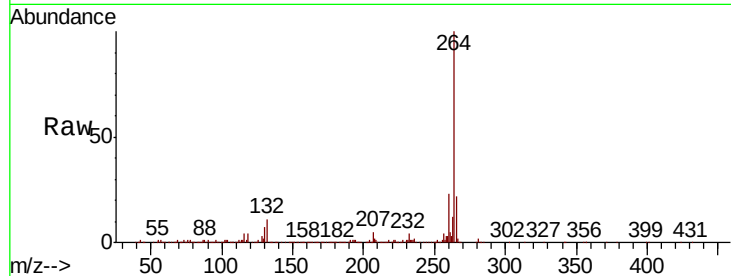
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.8	17.6	26.4

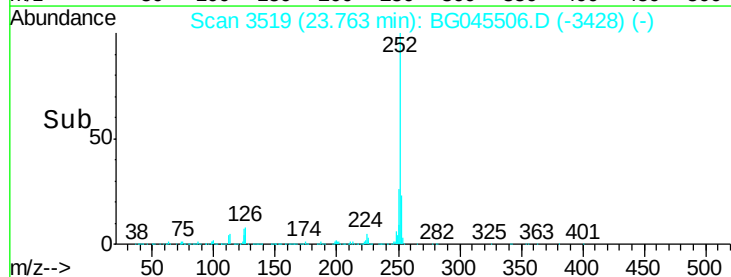
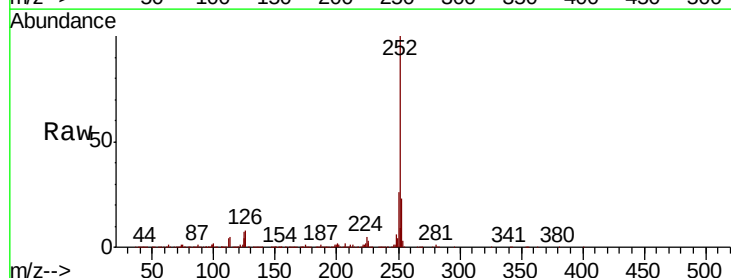
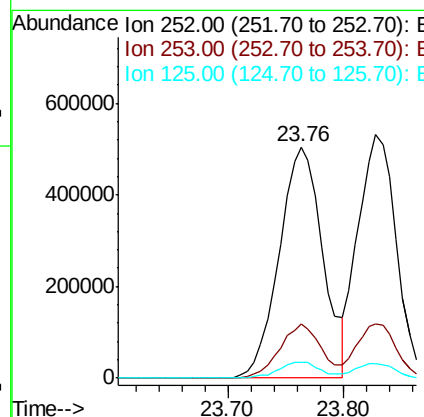
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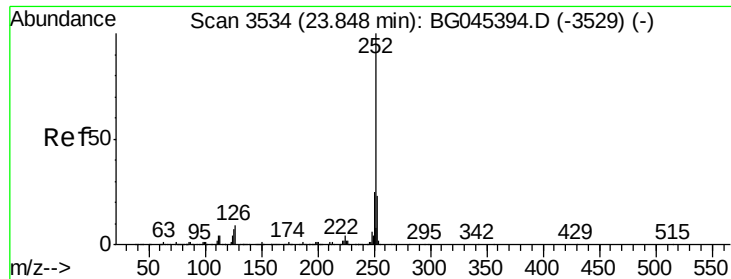
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#88
Benzo(b)fluoranthene
Concen: 50.891 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	6.6	5.0	7.6





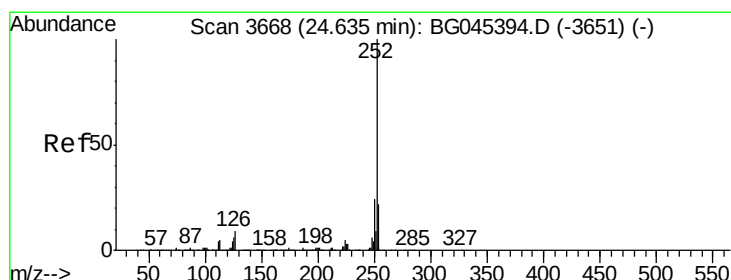
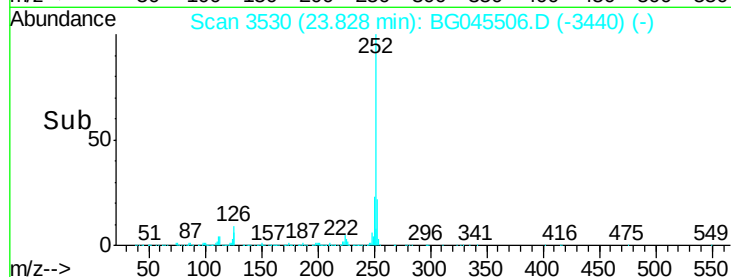
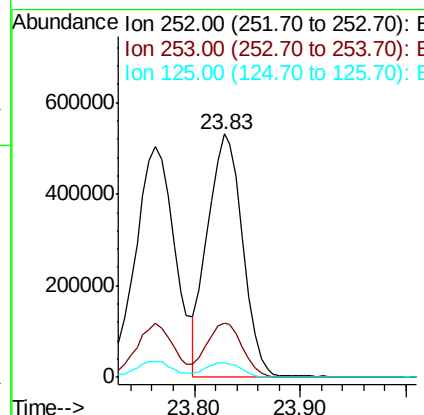
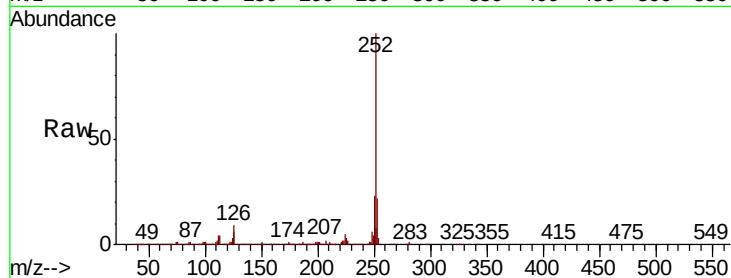
#89
Benzo(k)fluoranthene
Concen: 50.154 ng
RT: 23.83 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	6.1	5.7	8.5

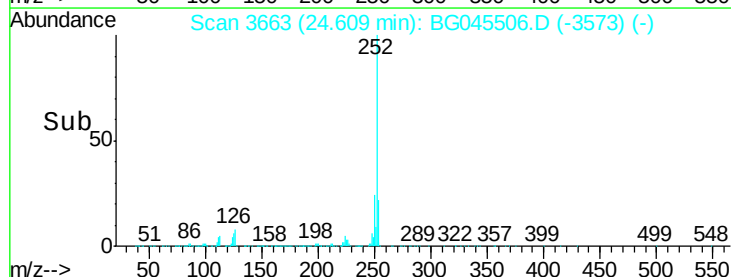
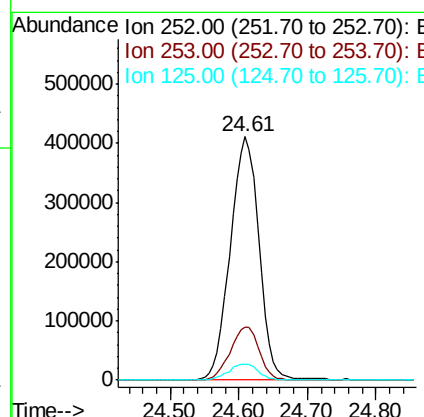
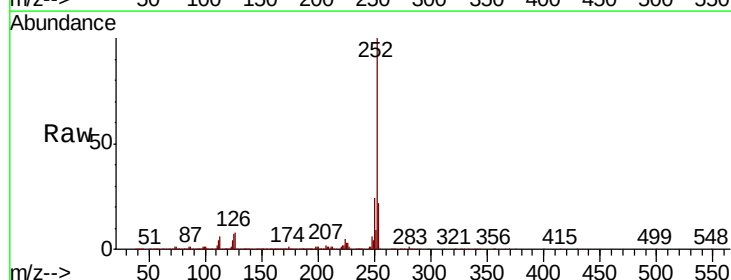
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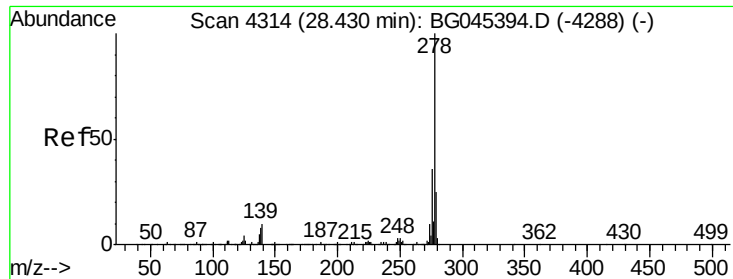
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#90
Benzo(a)pyrene
Concen: 49.239 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	6.5	5.0	7.6





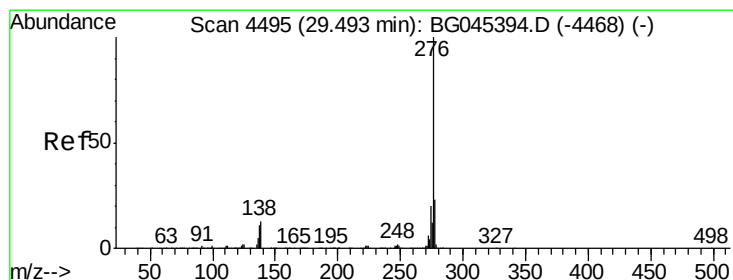
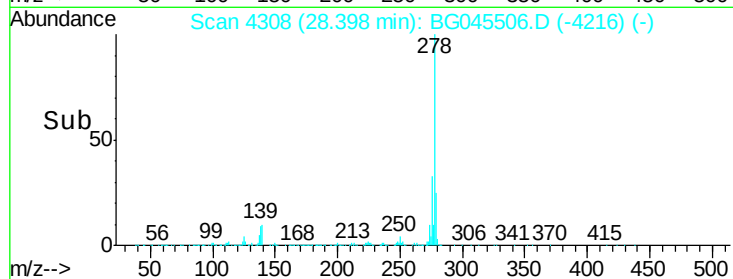
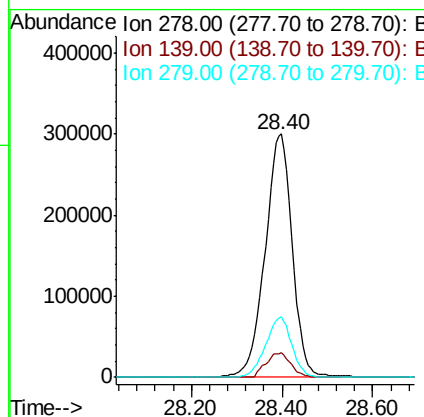
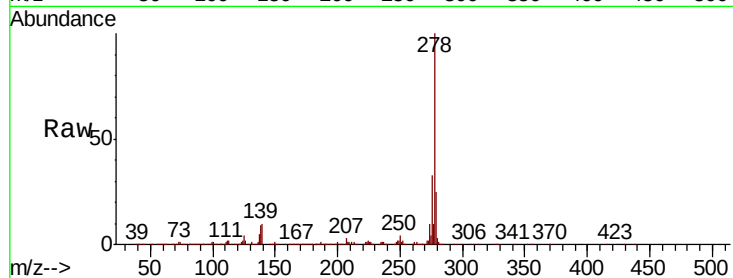
#91
Dibenzo(a,h)anthracene
Concen: 51.756 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.8	11.8
279	24.7	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 53.217 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.00 min
Lab File: BG045506.D
Acq: 28 May 2020 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	13.0	10.2	15.4

