

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045298.D
 Acq On : 11 May 2020 16:03
 Operator : CG/JU
 Sample : L2495-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Manual Integrations
 APPROVED

mohammad
 5/13/2020 8:15:11 AM

Quant Time: May 11 16:42:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63125	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	246032	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	182138	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	456466	20.00	ng	0.00
76) Chrysene-d12	21.64	240	441866	20.00	ng	0.00
87) Perylene-d12	24.80	264	494573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	414692	108.46	ng	0.00
7) Phenol-d6	7.14	99	514925	90.64	ng	0.00
23) Nitrobenzene-d5	9.14	82	428140	79.40	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	342089	121.58	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	985054	79.30	ng	0.00
79) Terphenyl-d14	19.99	244	1863625	91.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	60514	35.61	ng	# 17
3) Pyridine	3.84	79	128724	24.60	ng	97
4) n-Nitrosodimethylamine	3.74	42	60798	37.93	ng	# 96
6) Aniline	7.30	93	196637	26.62	ng	99
8) 2-Chlorophenol	7.54	128	165768	40.34	ng	99
9) Benzaldehyde	7.11	77	83390	22.06	ng	97
10) Phenol	7.17	94	178997	31.49	ng	95
11) bis(2-Chloroethyl)ether	7.39	93	163944	36.22	ng	99
12) 1,3-Dichlorobenzene	7.87	146	180573	37.29	ng	97
13) 1,4-Dichlorobenzene	8.01	146	183403	38.01	ng	97
14) 1,2-Dichlorobenzene	8.33	146	171290	37.11	ng	95
15) Benzyl Alcohol	8.21	79	176842	37.13	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.51	45	148170	33.35	ng	96
17) 2-Methylphenol	8.42	107	148980	33.97	ng	95
18) Hexachloroethane	9.07	117	68352	37.68	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	145958	36.33	ng	98
20) 3+4-Methylphenols	8.75	107	205268	33.44	ng	96
22) Acetophenone	8.79	105	276311	41.53	ng	98
24) Nitrobenzene	9.18	77	216375	39.15	ng	94
25) Isophorone	9.70	82	420162	38.05	ng	98
26) 2-Nitrophenol	9.89	139	96122	40.37	ng	92
27) 2,4-Dimethylphenol	9.96	122	162849	43.11	ng	93
28) bis(2-Chloroethoxy)methane	10.19	93	225864	38.93	ng	99
29) 2,4-Dichlorophenol	10.43	162	178458	40.91	ng	93
30) 1,2,4-Trichlorobenzene	10.65	180	196698	39.83	ng	98
31) Naphthalene	10.83	128	533721	39.65	ng	99
32) Benzoic acid	10.09	122	77095	28.28	ng	91
33) 4-Chloroaniline	10.94	127	70922	11.30	ng	99
34) Hexachlorobutadiene	11.13	225	128208	37.86	ng	99
35) Caprolactam	11.70	113	50198m	28.92	ng	
36) 4-Chloro-3-methylphenol	12.07	107	213563	41.68	ng	95
37) 2-Methylnaphthalene	12.44	142	407260	38.98	ng	97
38) 1-Methylnaphthalene	12.66	142	387375	39.28	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	225661	38.48	ng	99

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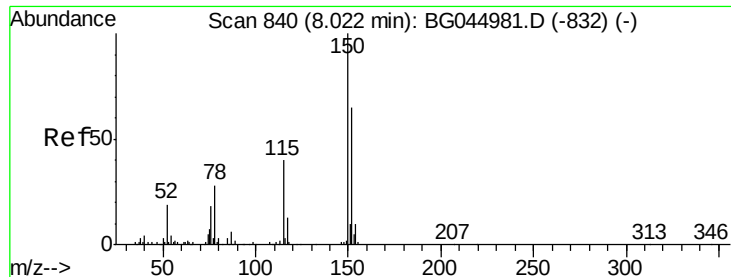
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	274009	74.76	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	165459	39.98	ng	95
44) 2,4,5-Trichlorophenol	13.13	196	176287	37.42	ng	99
46) 1,1'-Biphenyl	13.45	154	535517	38.68	ng	99
47) 2-Chloronaphthalene	13.49	162	404065	38.20	ng	99
48) 2-Nitroaniline	13.69	65	143969	41.37	ng	99
49) Acenaphthylene	14.34	152	691018	40.11	ng	98
50) Dimethylphthalate	14.08	163	674116	45.45	ng	99
51) 2,6-Dinitrotoluene	14.19	165	135823	40.95	ng	96
52) Acenaphthene	14.69	154	523898m	44.94	ng	
53) 3-Nitroaniline	14.52	138	77577	21.32	ng	97
54) 2,4-Dinitrophenol	14.73	184	180838	91.68	ng	93
55) Dibenzofuran	15.02	168	678803	39.94	ng	97
56) 4-Nitrophenol	14.84	139	191332	67.83	ng	92
57) 2,4-Dinitrotoluene	14.98	165	199359	41.12	ng	# 95
58) Fluorene	15.67	166	575184	41.43	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	180619	43.09	ng	98
60) Diethylphthalate	15.44	149	624733	40.40	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	314379	39.34	ng	97
62) 4-Nitroaniline	15.69	138	142268	37.70	ng	96
63) Azobenzene	15.96	77	580778	40.74	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	132686	44.22	ng	96
66) n-Nitrosodiphenylamine	15.88	169	519415	39.60	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	216579	36.78	ng	97
68) Hexachlorobenzene	16.68	284	242974	39.78	ng	97
69) Atrazine	16.83	200	204284	42.43	ng	99
70) Pentachlorophenol	17.02	266	295363	78.83	ng	97
71) Phenanthrene	17.41	178	959479	40.90	ng	99
72) Anthracene	17.50	178	984085	41.82	ng	99
73) Carbazole	17.77	167	927168	38.83	ng	98
74) Di-n-butylphthalate	18.33	149	1097680	41.80	ng	100
75) Fluoranthene	19.42	202	1237094	44.85	ng	98
77) Benzidine	19.60	184	540119	41.78	ng	97
78) Pyrene	19.79	202	1207415	39.64	ng	99
80) Butylbenzylphthalate	20.67	149	510661	40.44	ng	98
81) Benzo(a)anthracene	21.61	228	1186674	41.44	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	197875	17.36	ng	94
83) Chrysene	21.68	228	1133660	41.20	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	707190	40.72	ng	99
85) Di-n-octyl phthalate	22.73	149	1211533	40.34	ng	99
86) Indeno(1,2,3-cd)pyrene	28.40	276	1499419	41.04	ng	# 97
88) Benzo(b)fluoranthene	23.80	252	1269247	40.97	ng	97
89) Benzo(k)fluoranthene	23.87	252	1215101	41.24	ng	98
90) Benzo(a)pyrene	24.66	252	1157283	39.57	ng	97
91) Dibenzo(a,h)anthracene	28.46	278	1222679	41.48	ng	97
92) Benzo(g,h,i)perylene	29.53	276	1255471	42.49	ng	97

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



#1

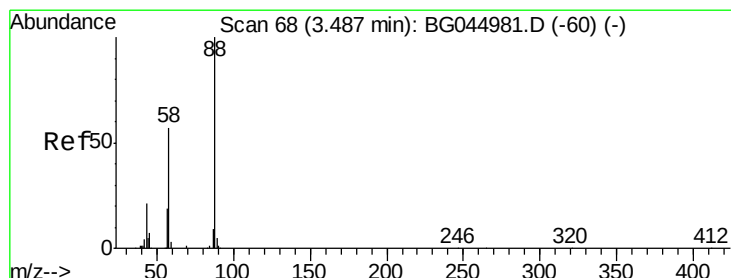
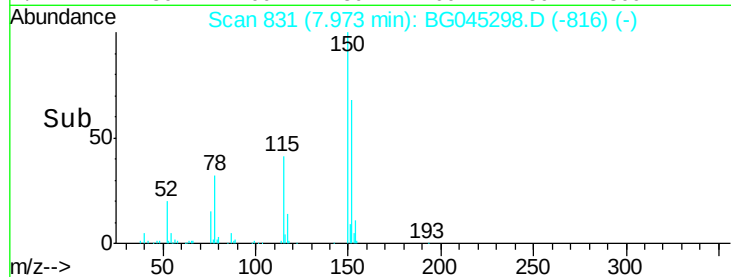
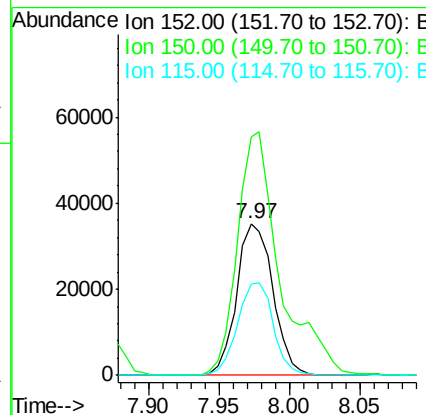
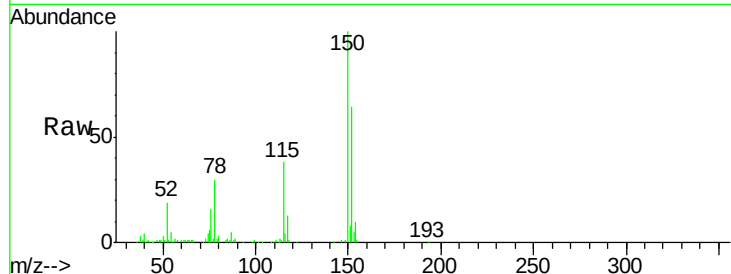
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.6	185.4
115	60.2	49.1	73.7

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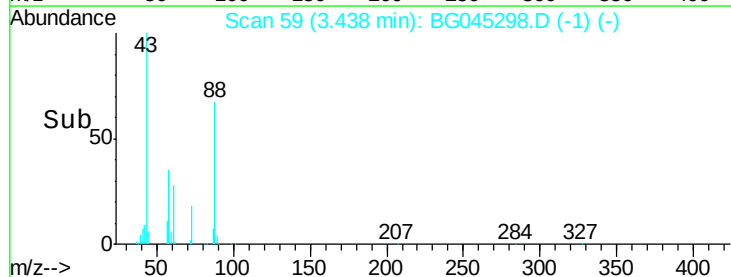
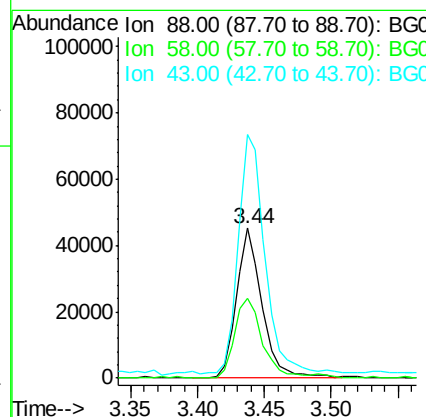
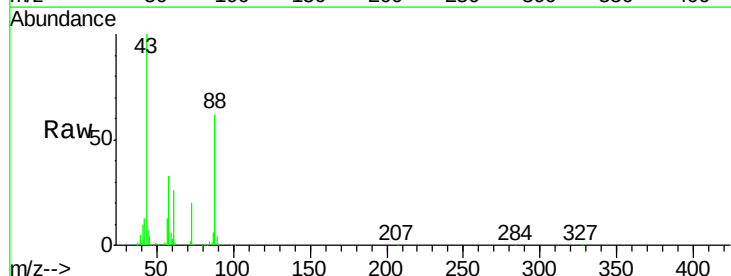
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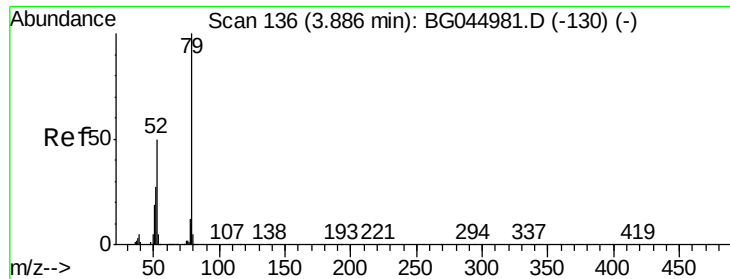


#2

1,4-Dioxane
Concen: 35.61 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	46.6	69.8
43	164.5	17.5	26.3#





#3

Pyridine

Concen: 24.60 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampled :

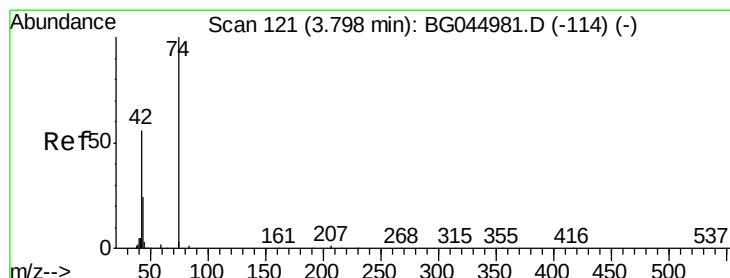
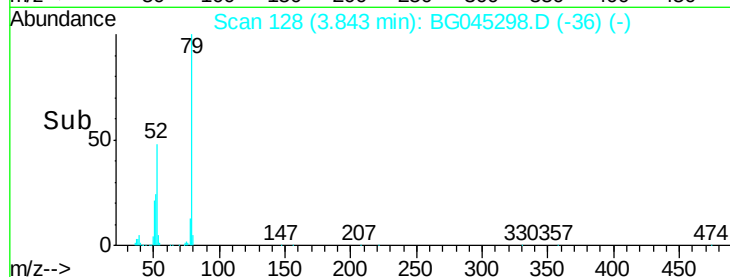
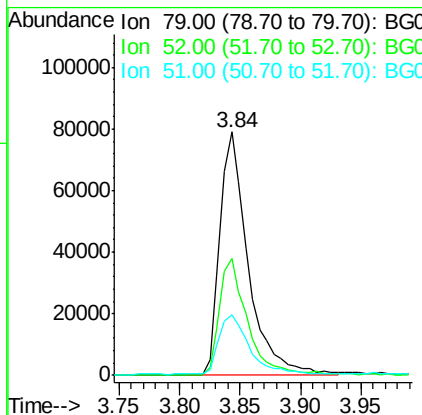
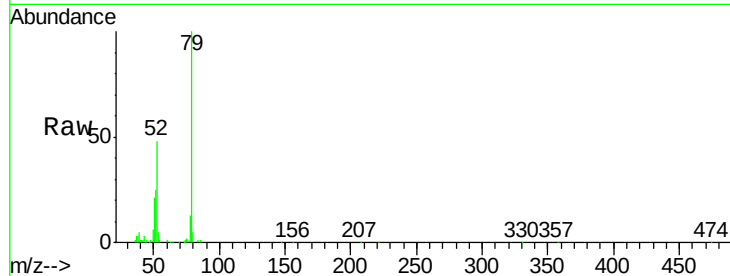
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	48.0	39.8	59.6
51	24.8	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 37.93 ng

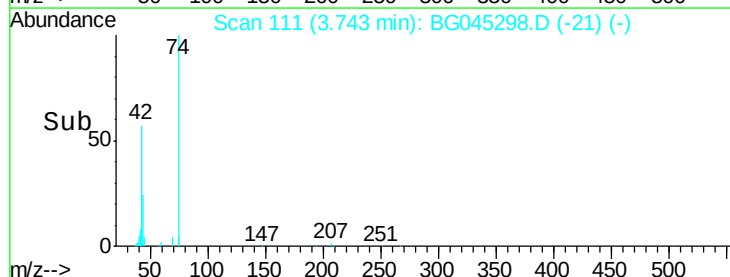
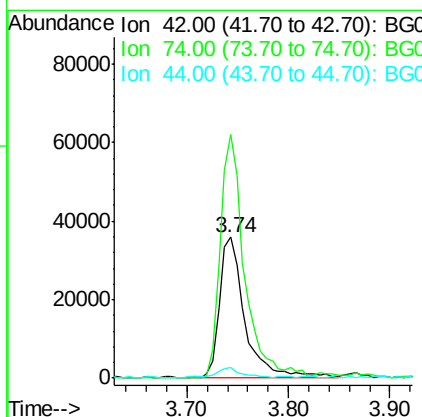
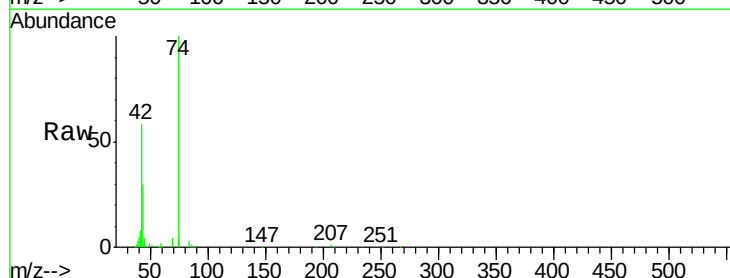
RT: 3.74 min Scan# 111

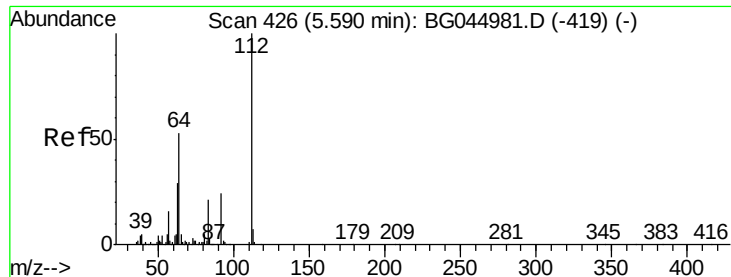
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.7	143.0	214.6
44	7.3	4.6	6.8#





#5

2-Fluorophenol

Concen: 108.46 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

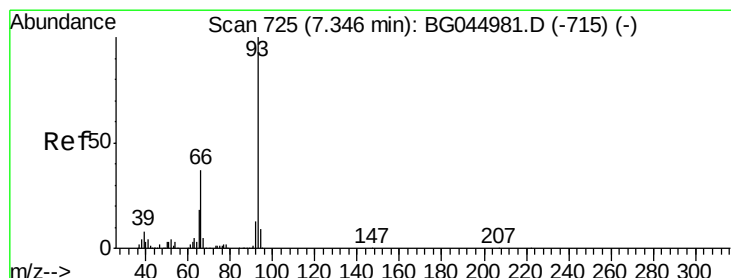
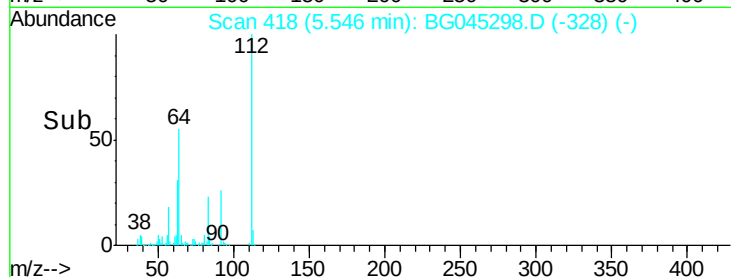
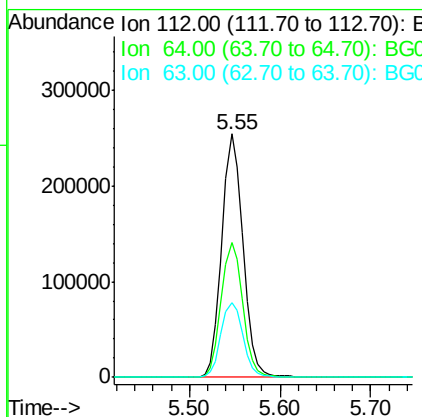
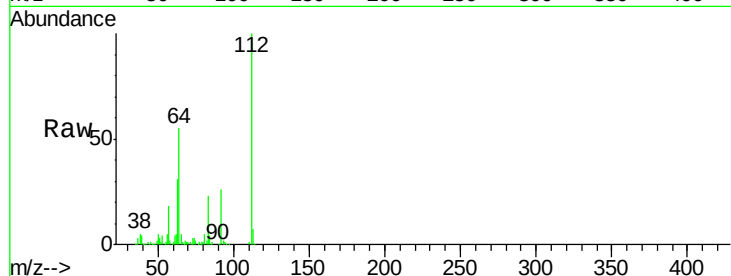
HR-05-050720MSD

Tgt Ion:	112	Resp:	414692
Ion Ratio	Lower	Upper	
112	100		
64	55.3	42.4	63.6
63	30.8	23.1	34.7

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#6

Aniline

Concen: 26.62 ng

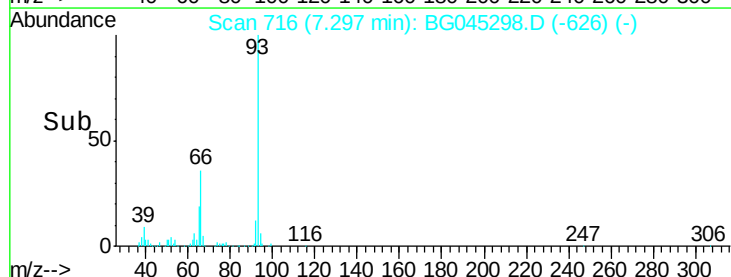
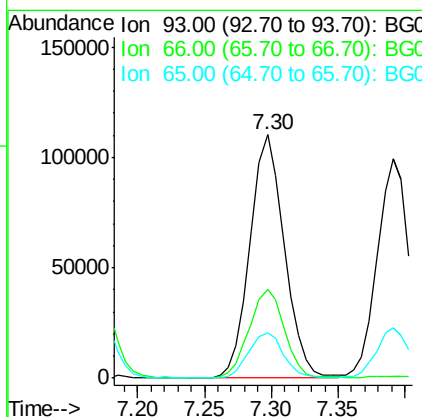
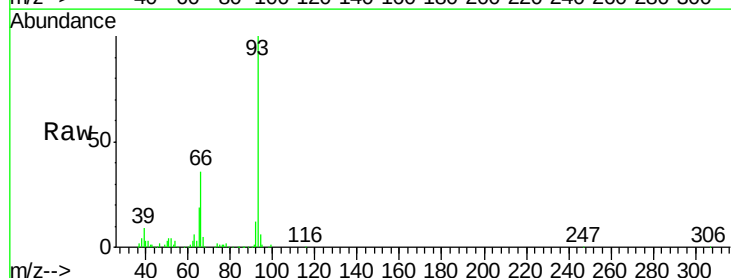
RT: 7.30 min Scan# 716

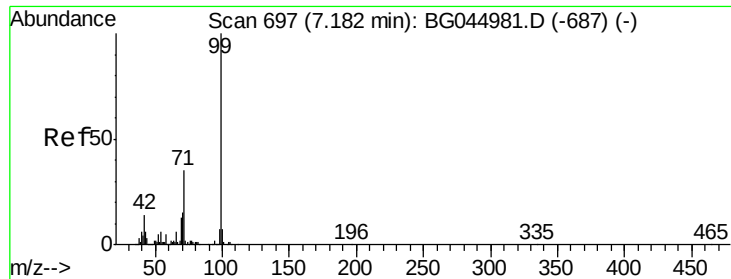
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:	93	Resp:	196637
Ion Ratio	Lower	Upper	
93	100		
66	36.3	29.8	44.8
65	18.7	14.6	22.0





#7

Phenol-d6

Concen: 90.64 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

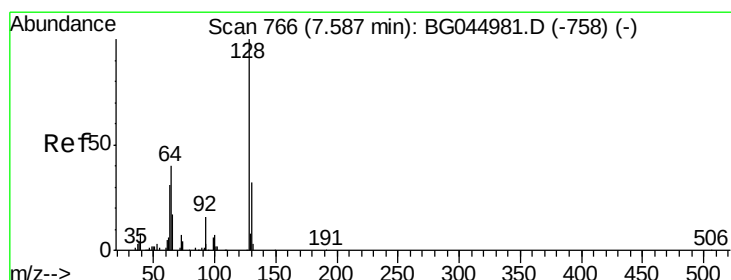
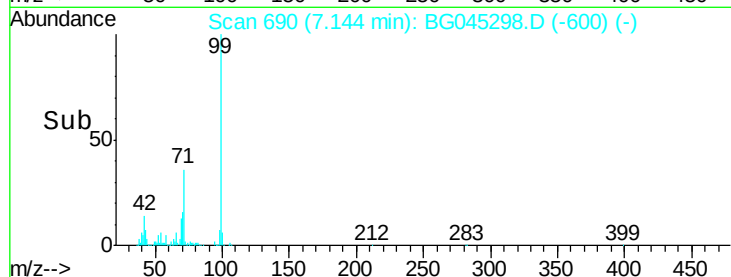
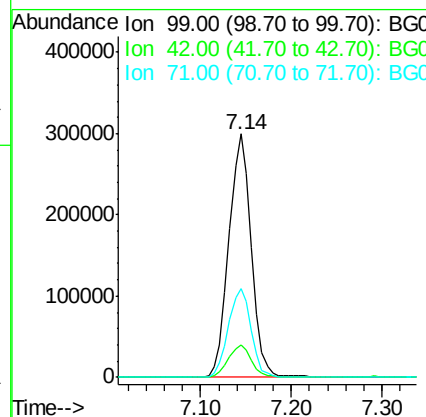
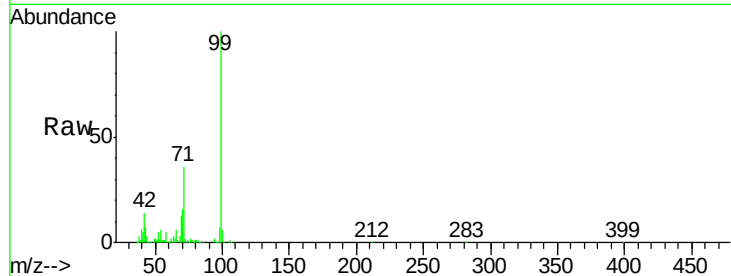
ClientSampleId :

HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	514925		
42	13.5		11.3	16.9
71	36.4		28.3	42.5

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#8

2-Chlorophenol

Concen: 40.34 ng

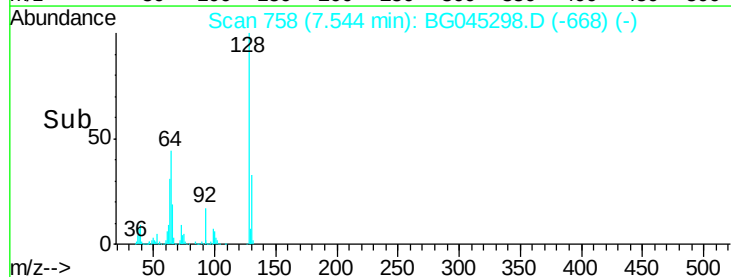
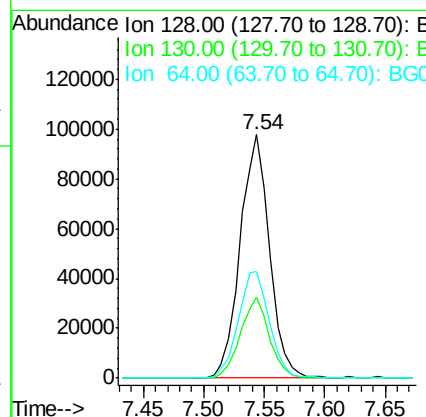
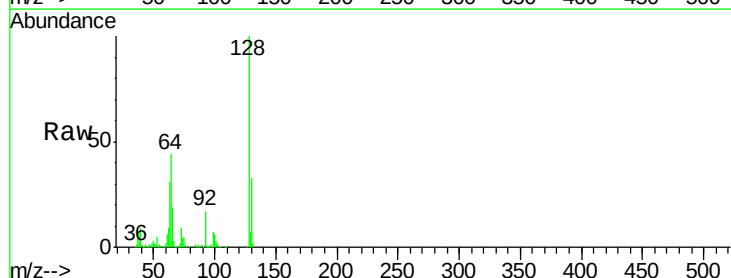
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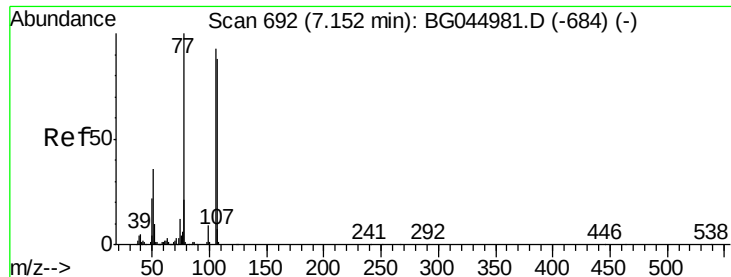
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	165768		
130	33.3		12.3	52.3
64	44.0		24.4	64.4





#9

Benzaldehyde

Concen: 22.06 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

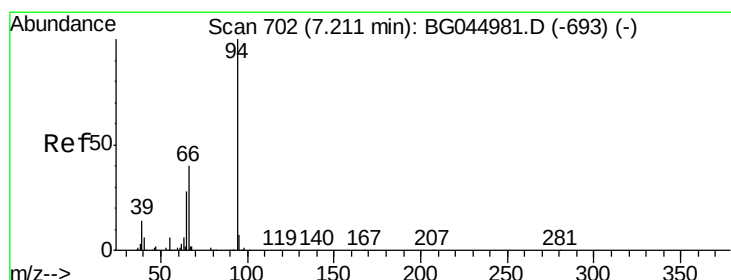
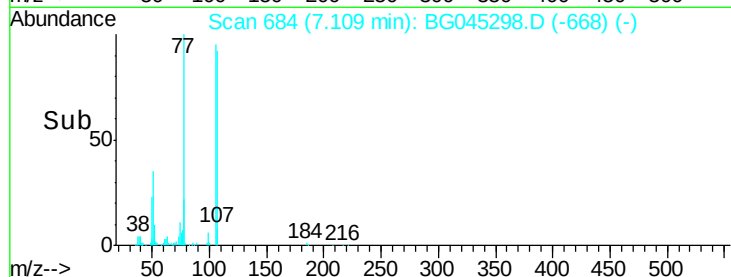
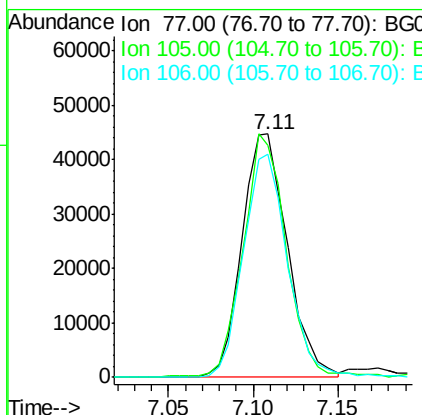
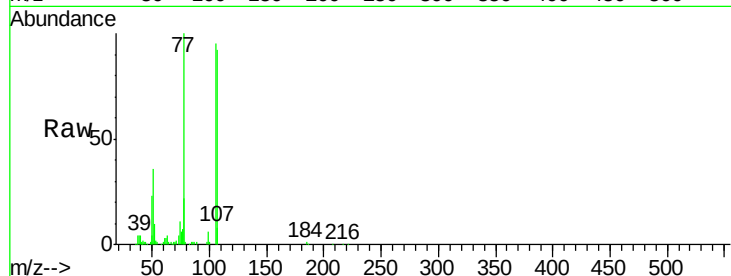
HR-05-050720MSD

Tgt Ion:	77	Resp:	83390
Ion Ratio	Lower	Upper	
77	100		
105	95.4	72.9	112.9
106	91.7	67.6	107.6

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#10

Phenol

Concen: 31.49 ng

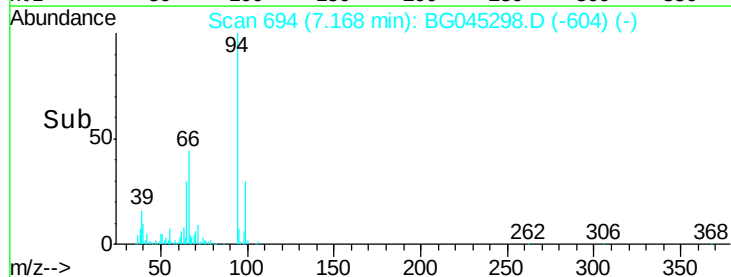
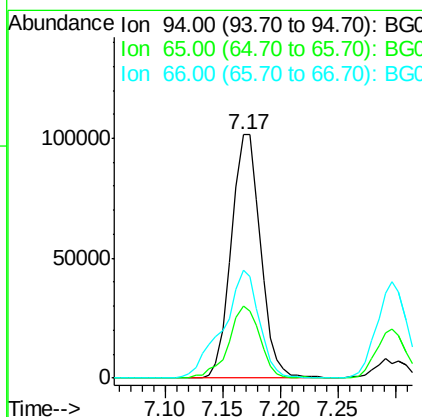
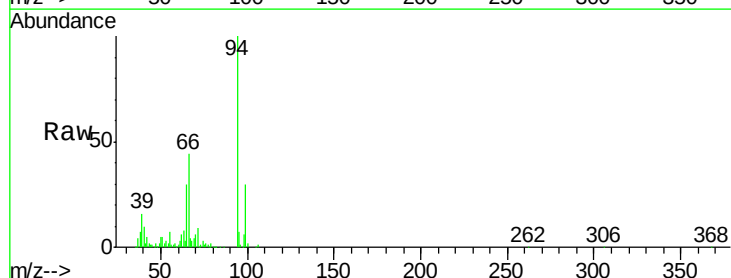
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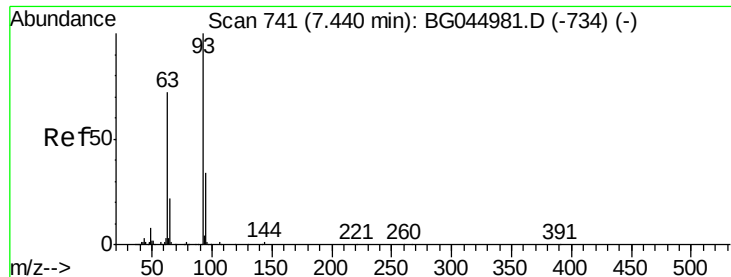
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:	94	Resp:	178997
Ion Ratio	Lower	Upper	
94	100		
65	29.8	8.2	48.2
66	44.3	20.4	60.4





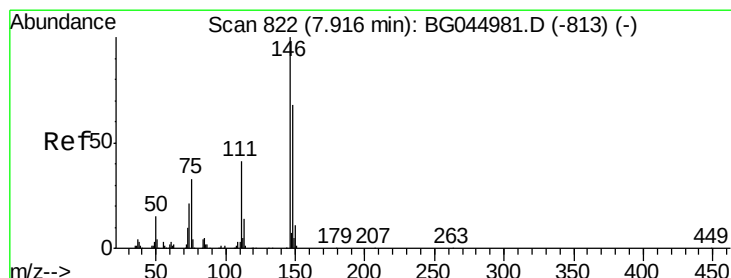
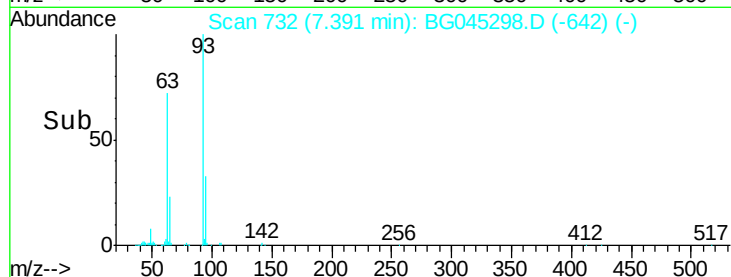
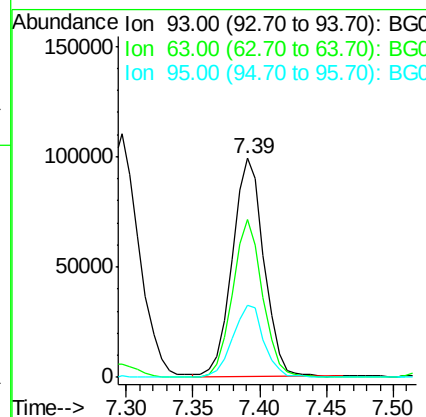
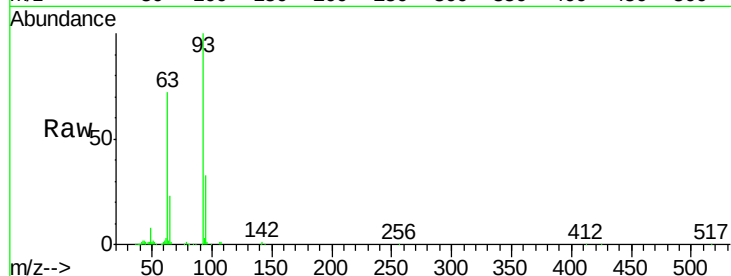
#11
bis(2-Chloroethyl)ether
Concen: 36.22 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	163944		
63	72.1	51.8	91.8	
95	32.8	13.8	53.8	

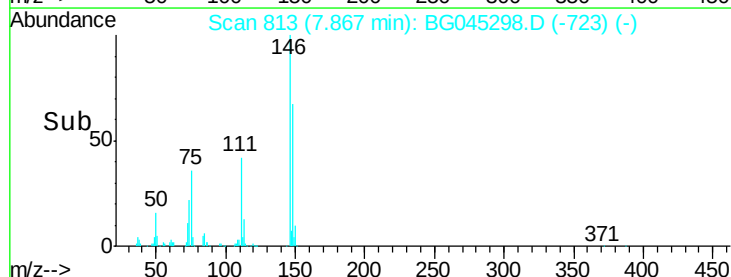
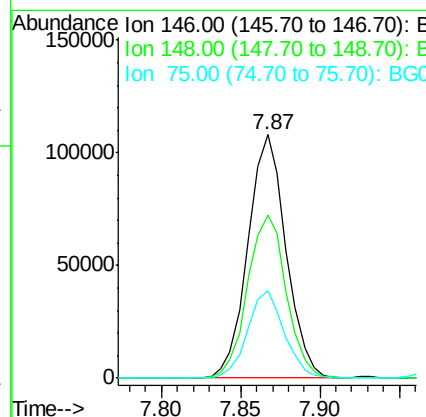
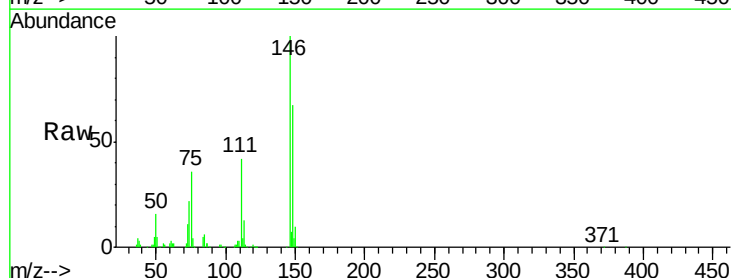
Manual Integrations
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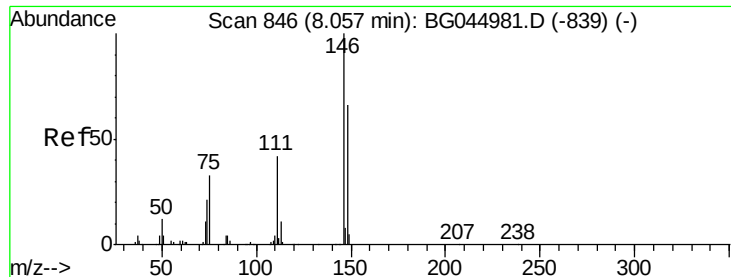
mohammad
5/13/2020 8:15:11 AM



#12
1,3-Dichlorobenzene
Concen: 37.29 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	180573		
148	66.9	54.6	81.8	
75	36.0	26.0	39.0	





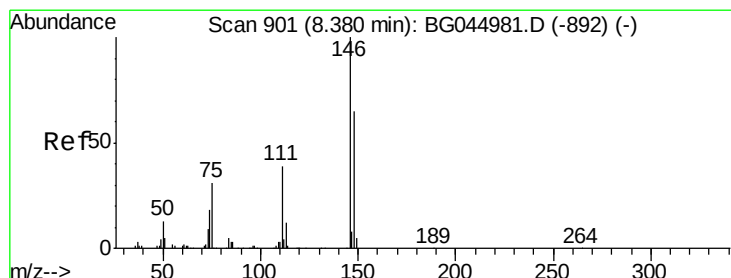
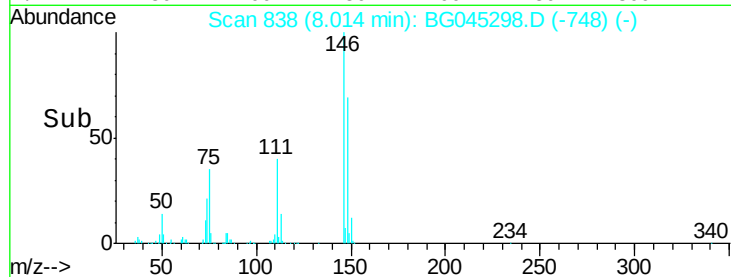
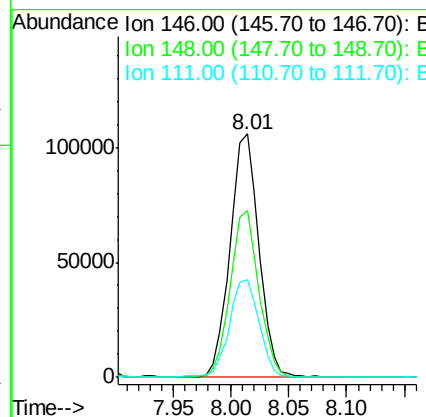
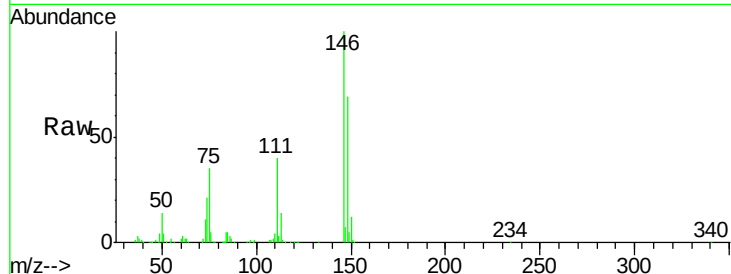
#13
1,4-Dichlorobenzene
Concen: 38.01 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	53.3	79.9
111	40.1	33.8	50.8

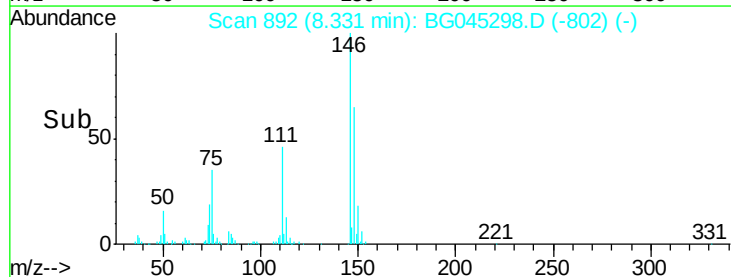
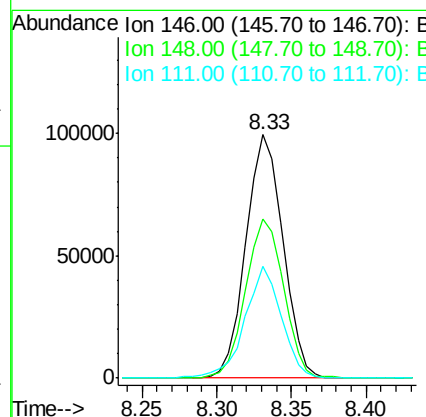
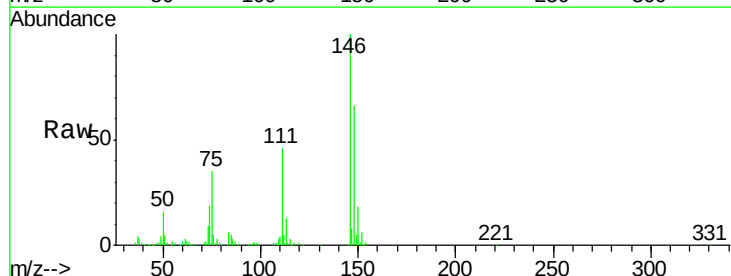
Manual Integrations
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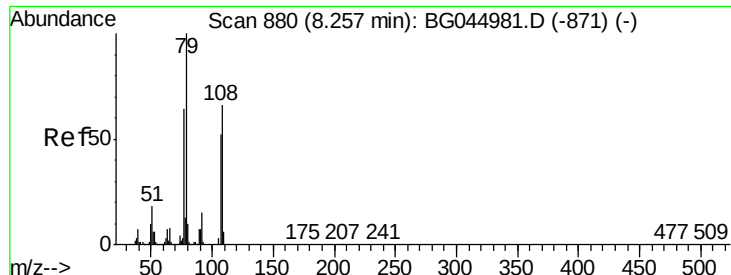
mohammad
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#14
1,2-Dichlorobenzene
Concen: 37.11 ng
RT: 8.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
111	45.8	31.3	46.9





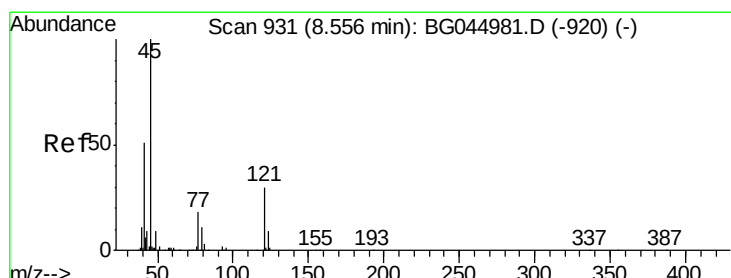
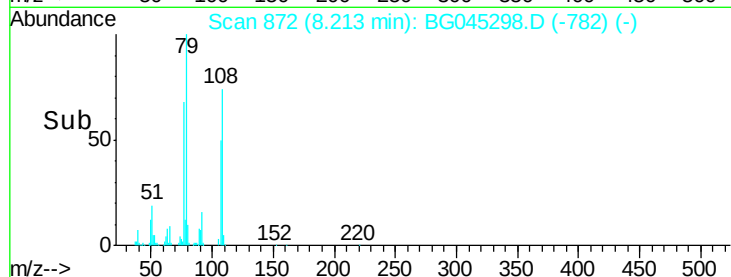
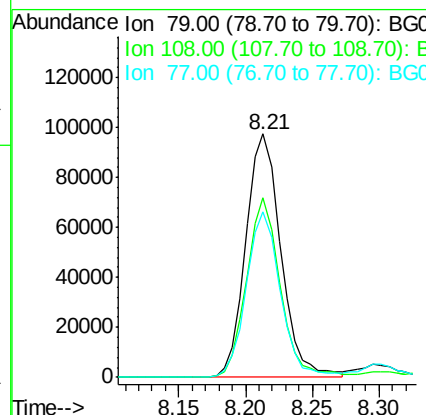
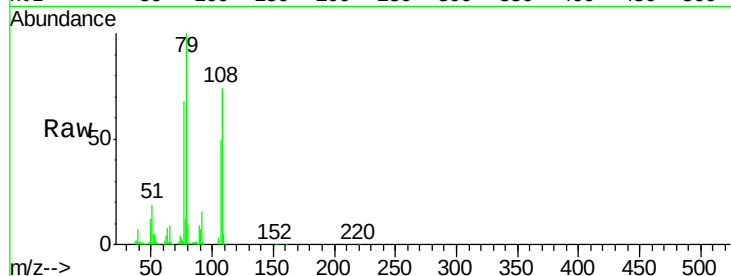
#15
Benzyl Alcohol
Concen: 37.13 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.7	52.7	79.1
77	67.9	51.3	76.9

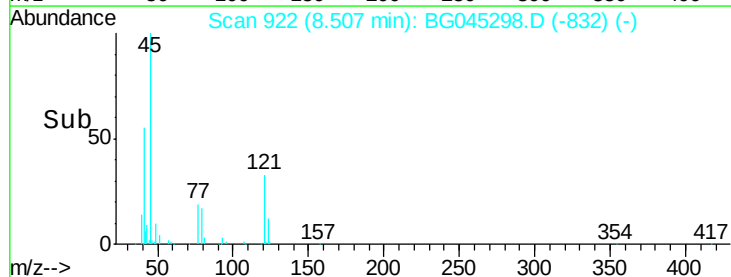
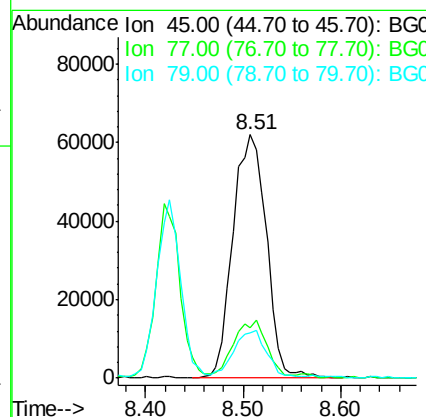
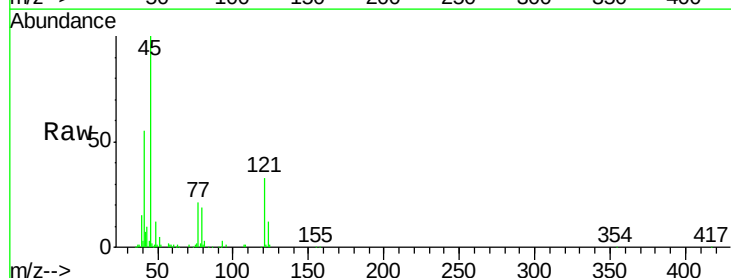
Manual Integrations
APPROVED

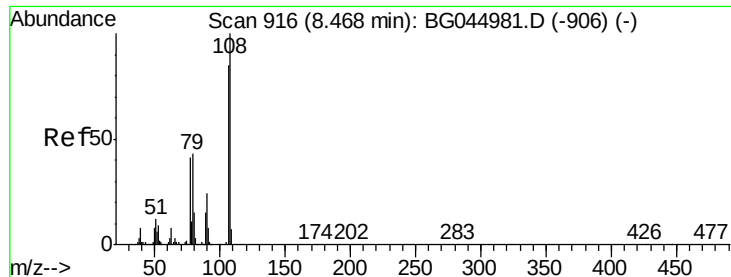
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.35 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.9	1.9	41.9
79	18.6	0.0	35.5





#17

2-Methylphenol

Concen: 33.97 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

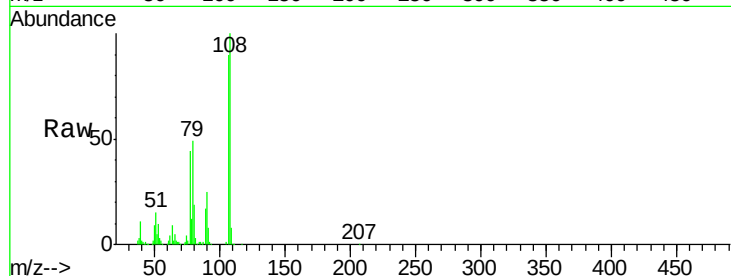
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	148980		
108	111.0	93.8	140.6	
77	48.9	38.5	57.7	
79	53.9	40.1	60.1	

Manual Integrations
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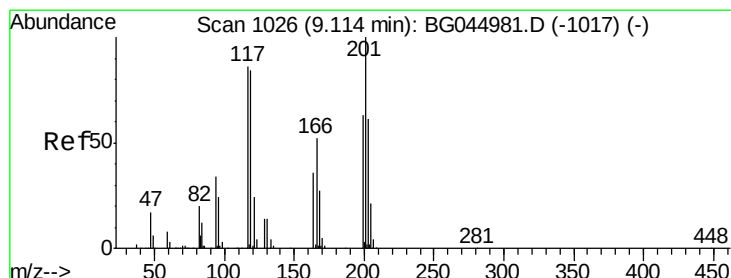
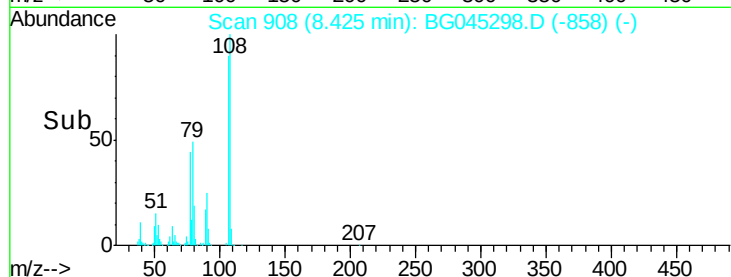
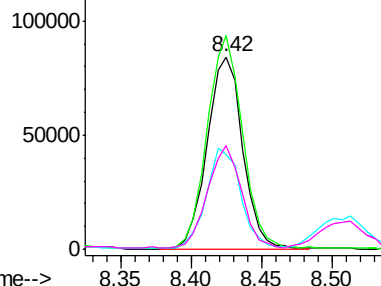


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.68 ng

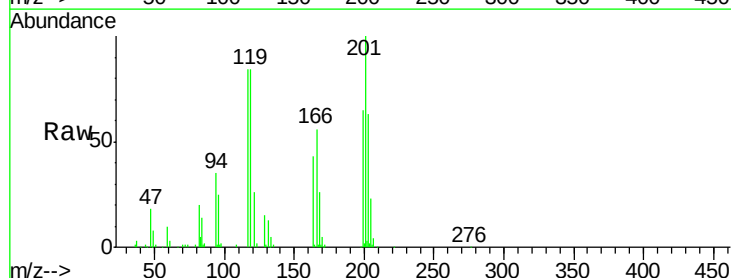
RT: 9.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

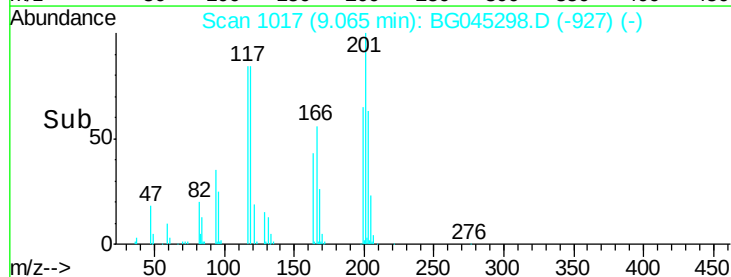
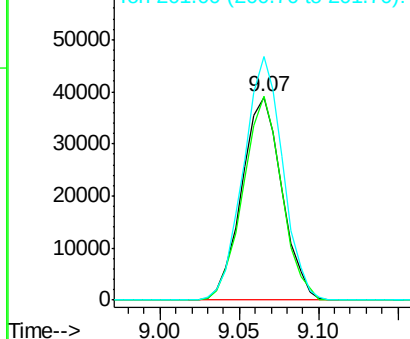
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68352		
119	100.2	78.3	117.5	
201	119.8	92.9	139.3	

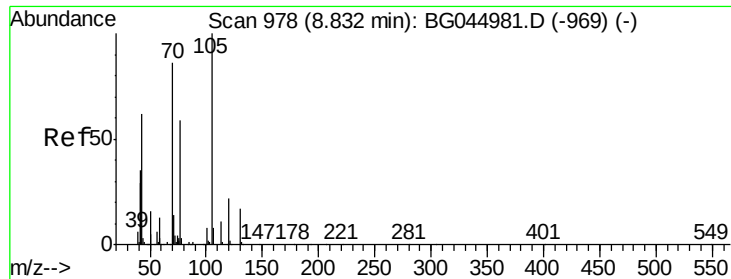


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





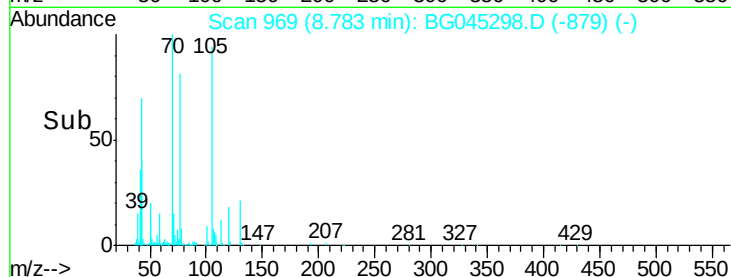
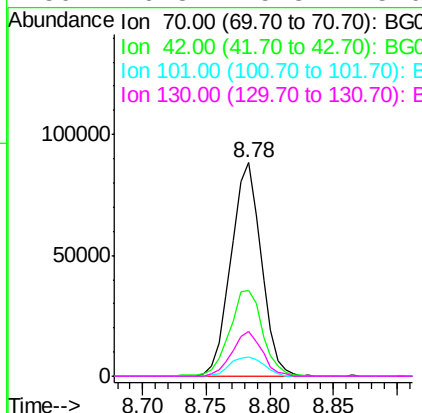
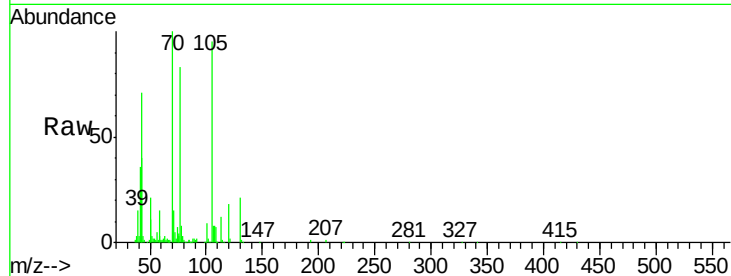
#19
n-Nitroso-di-n-propylamine
Concen: 36.33 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	40.4	33.3	49.9	
101	9.2	7.8	11.8	
130	20.8	15.8	23.6	

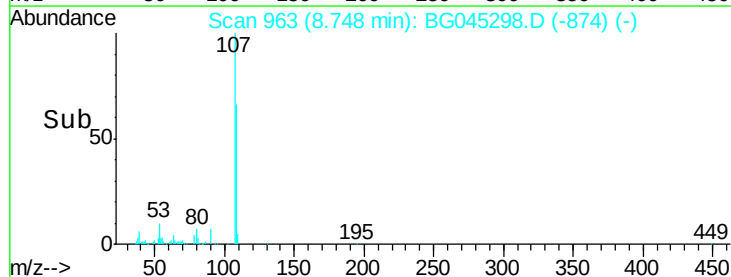
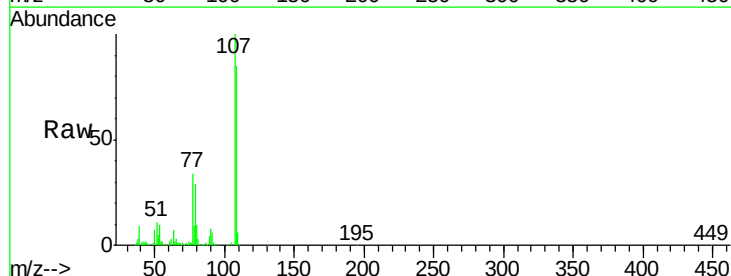
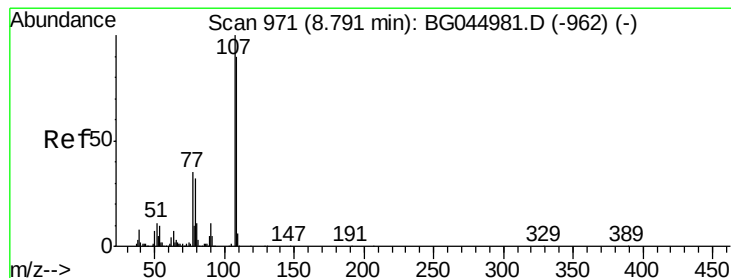
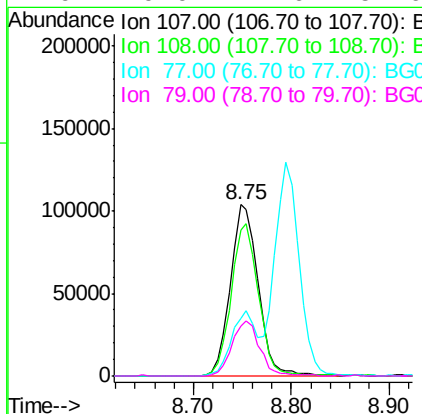
Manual Integrations
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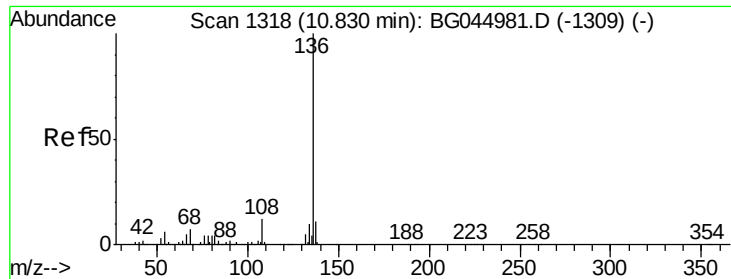
mohammad
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#20
3+4-Methylphenols
Concen: 33.44 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	85.2	69.9	109.9	
77	33.9	15.2	55.2	
79	29.0	11.6	51.6	





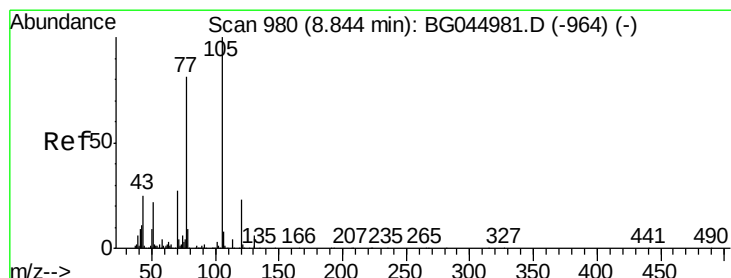
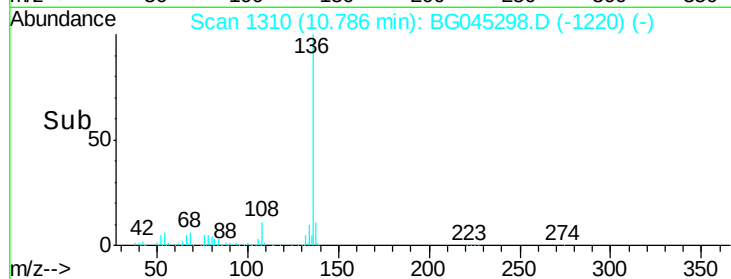
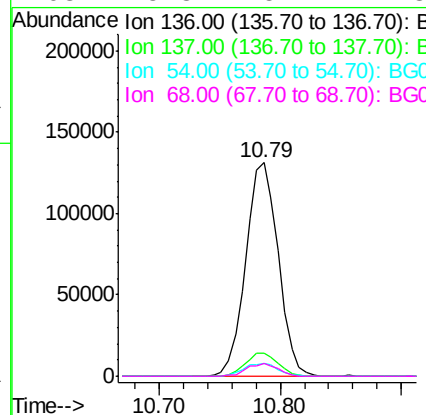
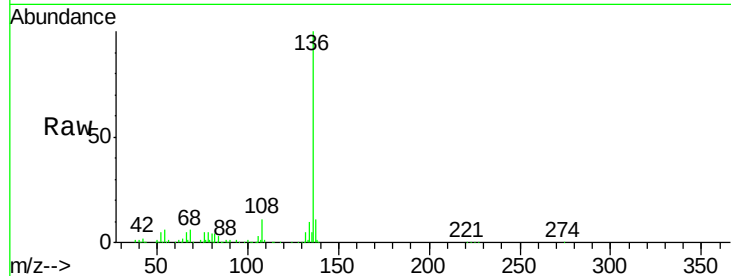
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	246032		
137	11.0	8.6	13.0	
54	6.3	4.8	7.2	
68	5.8	5.2	7.8	

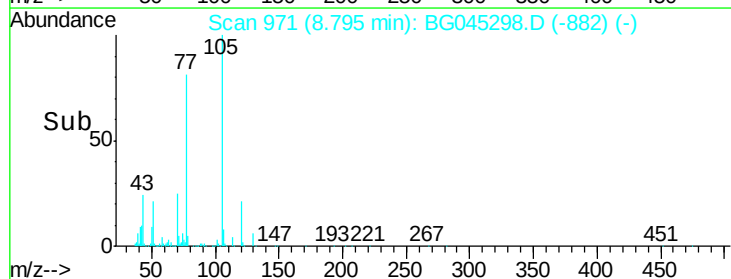
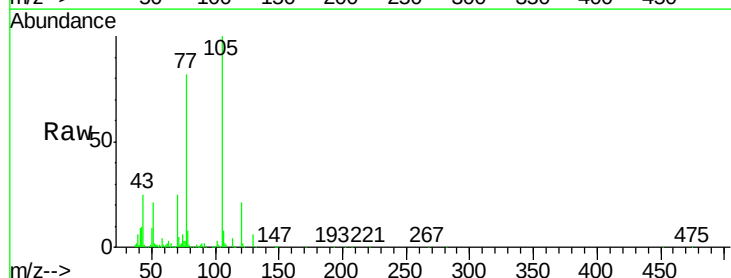
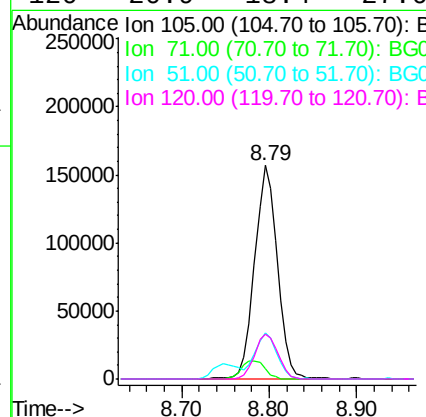
Manual Integrations
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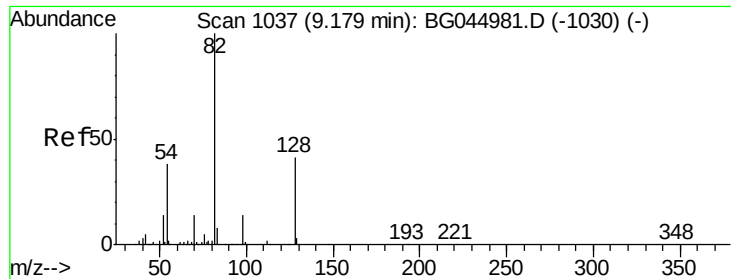
mohammad
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#22
Acetophenone
Concen: 41.53 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276311		
71	4.7	3.3	4.9	
51	21.3	17.3	25.9	
120	20.9	18.4	27.6	





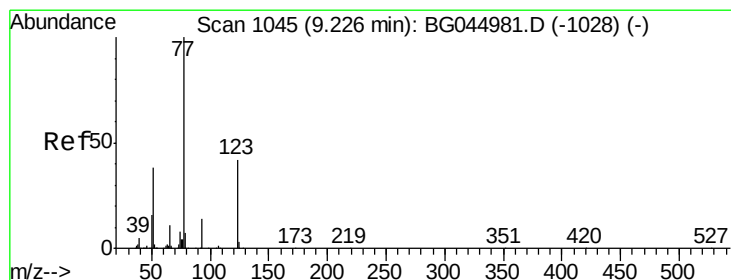
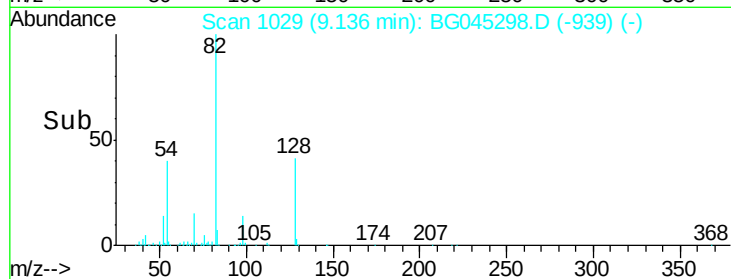
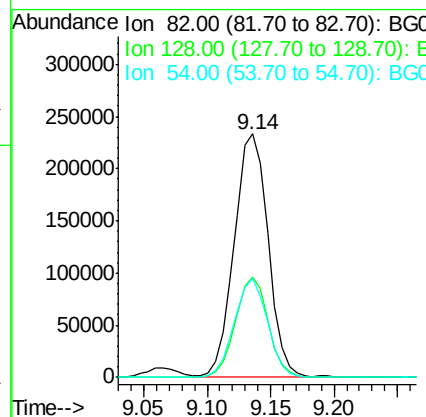
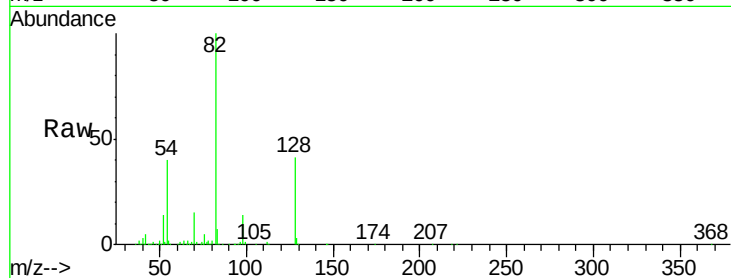
#23
 Nitrobenzene-d5
 Concen: 79.40 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	428140		
128	41.1	33.0	49.4	
54	40.5	30.4	45.6	

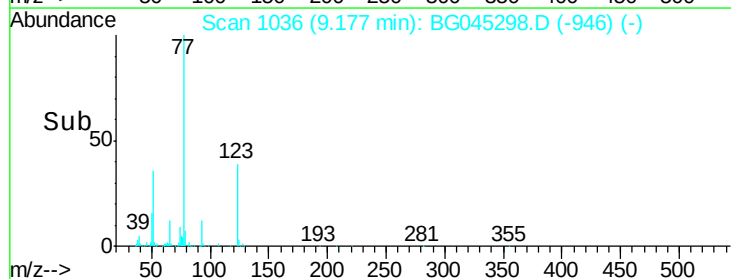
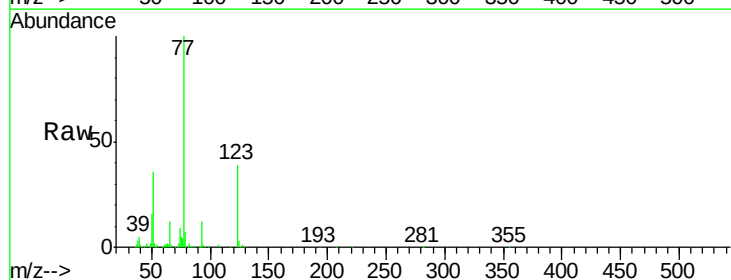
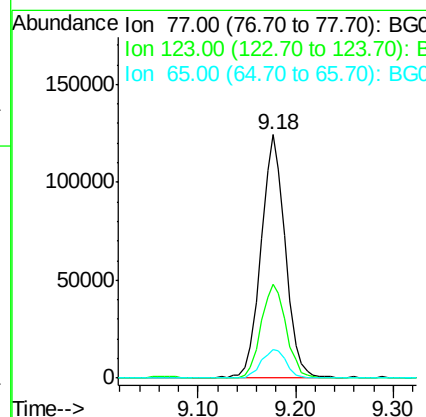
Manual Integrations
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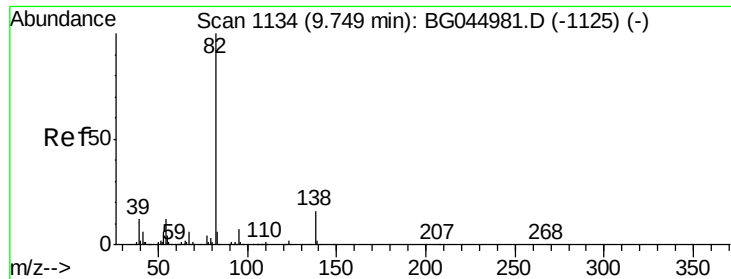
mohammad
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#24
 Nitrobenzene
 Concen: 39.15 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	216375		
123	38.8	34.3	51.5	
65	11.9	8.9	13.3	





#25

Isophorone

Concen: 38.05 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

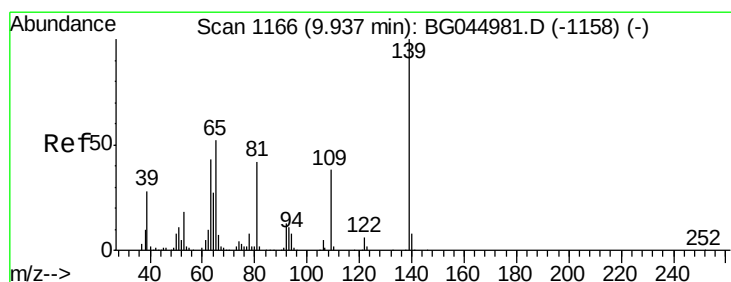
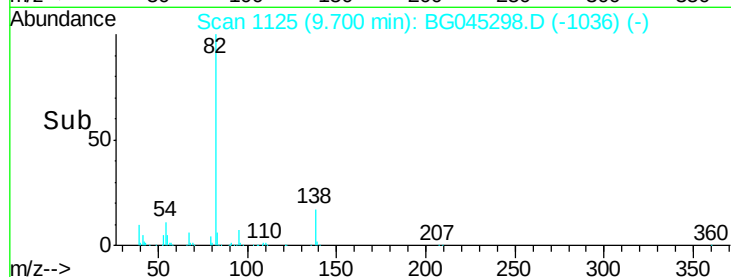
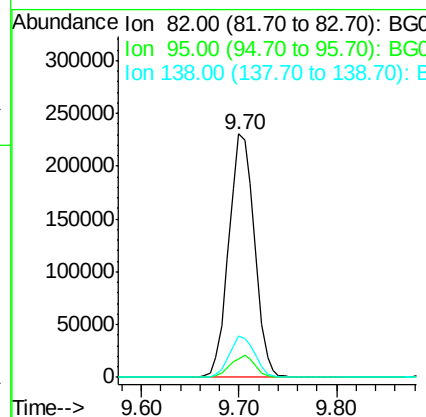
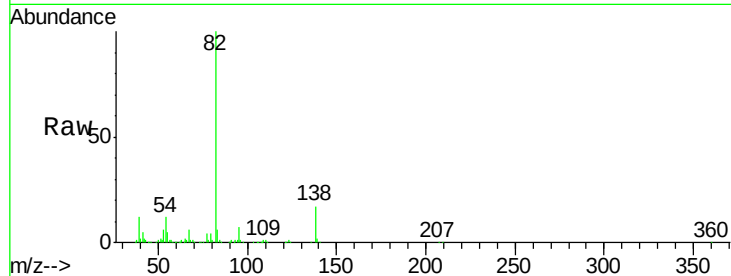
HR-05-050720MSD

Tgt Ion:	82	Resp:	420162
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.0	9.0
138	17.0	12.7	19.1

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#26

2-Nitrophenol

Concen: 40.37 ng

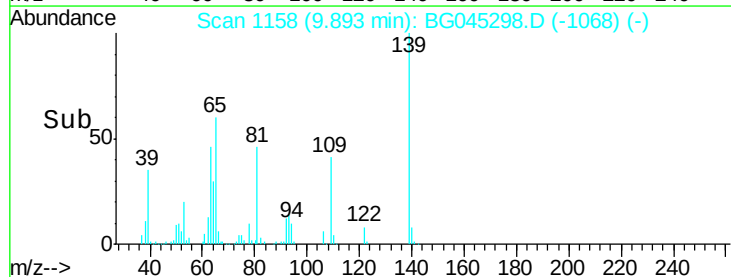
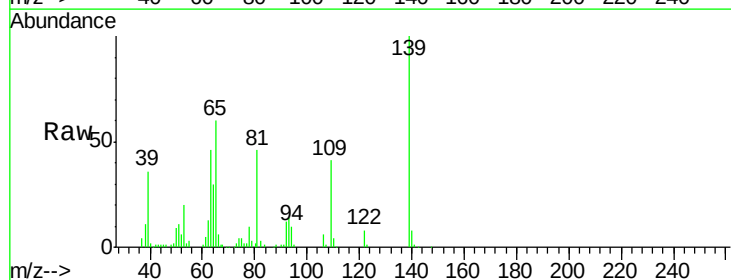
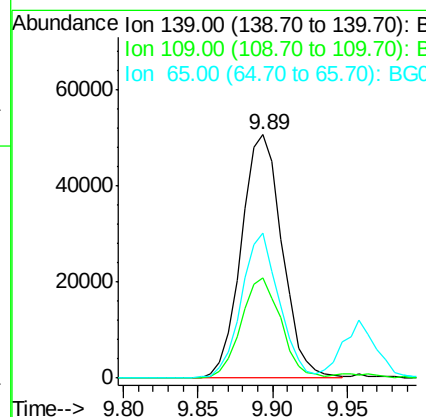
RT: 9.89 min Scan# 1158

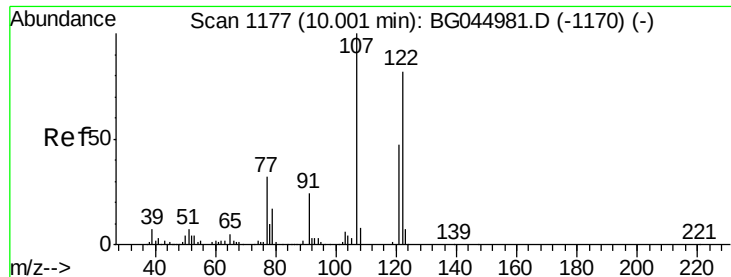
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:	139	Resp:	96122
Ion Ratio	Lower	Upper	
139	100		
109	41.4	30.6	45.8
65	59.8	41.8	62.6





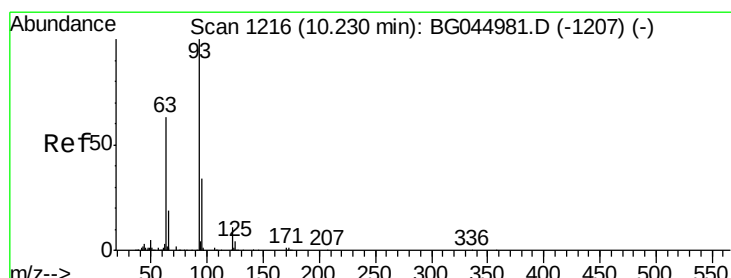
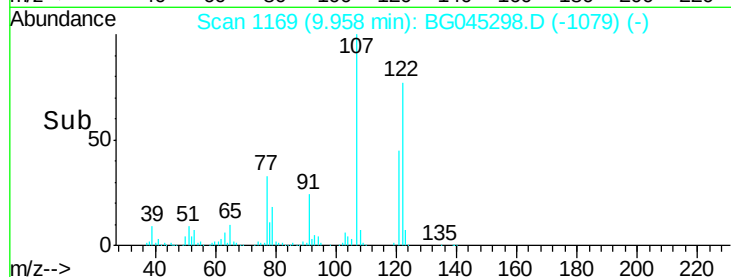
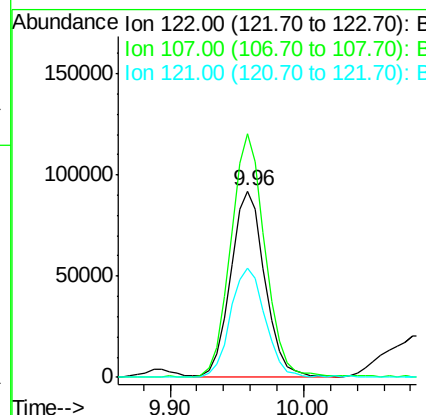
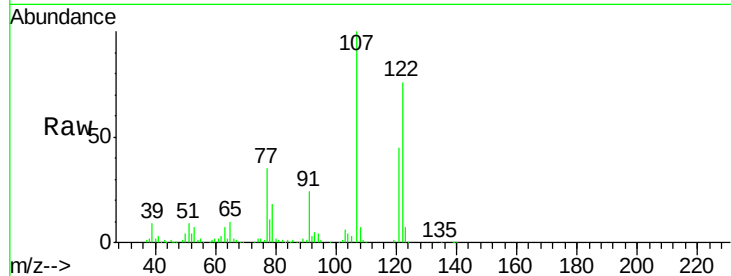
#27
 2,4-Dimethylphenol
 Concen: 43.11 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	162849		
107	130.8	96.8	145.2	
121	58.5	45.6	68.4	

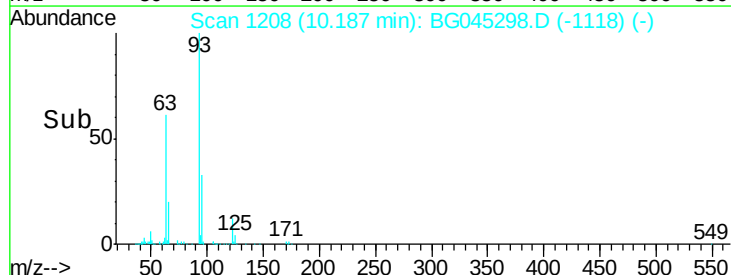
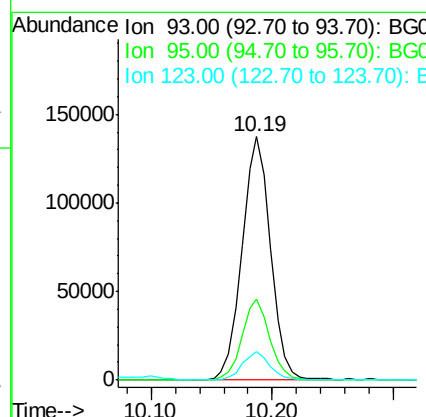
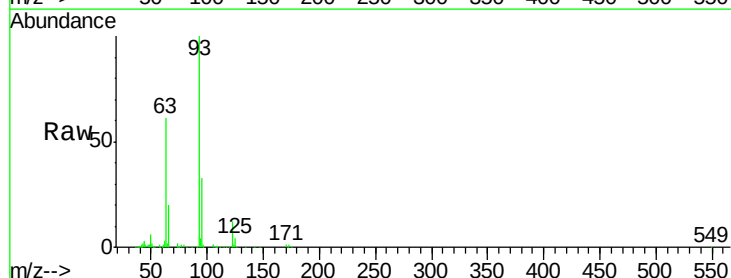
Manual Integrations
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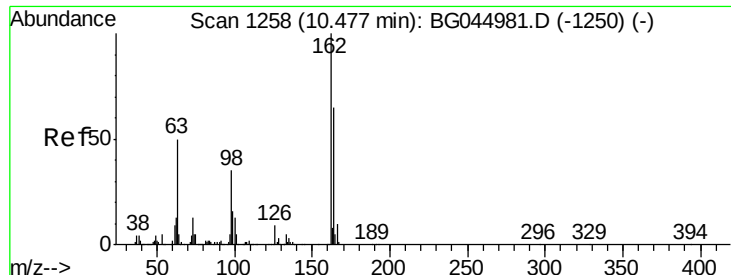
mohammad
 5/13/2020 8:15:11 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.93 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	225864		
95	33.2	27.0	40.4	
123	11.8	8.7	13.1	





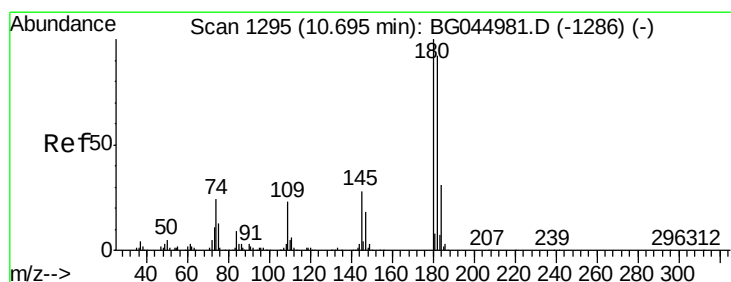
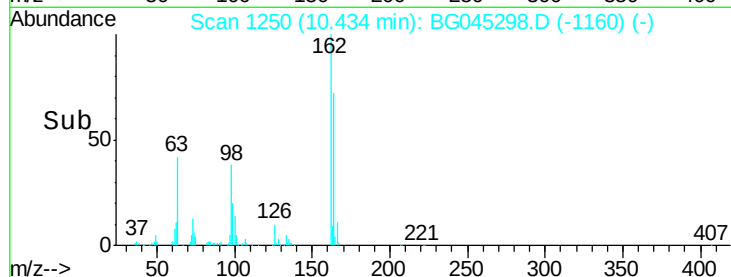
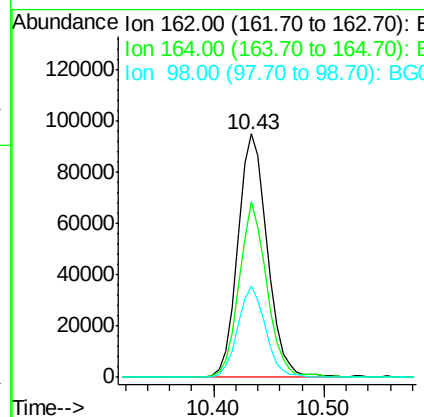
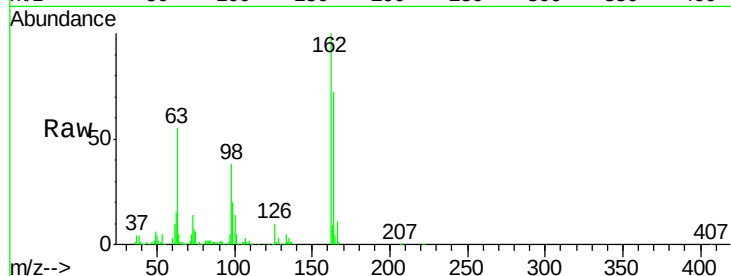
#29
2,4-Dichlorophenol
Concen: 40.91 ng
RT: 10.43 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	178458		
164	72.2	45.0	85.0	
98	37.7	15.2	55.2	

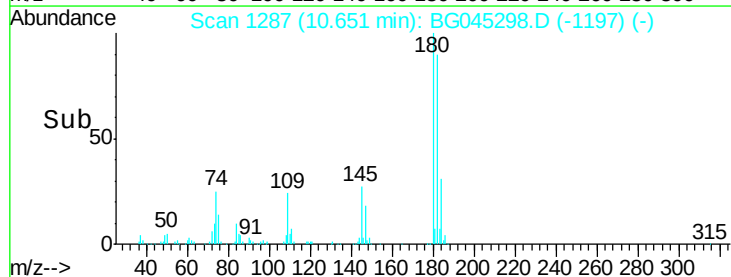
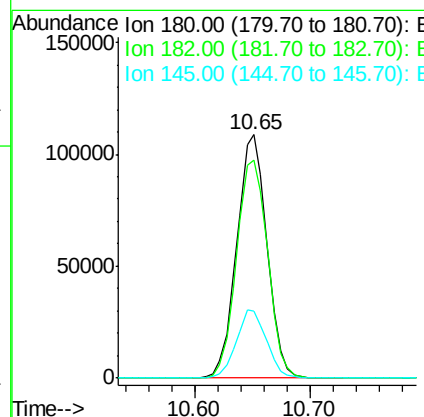
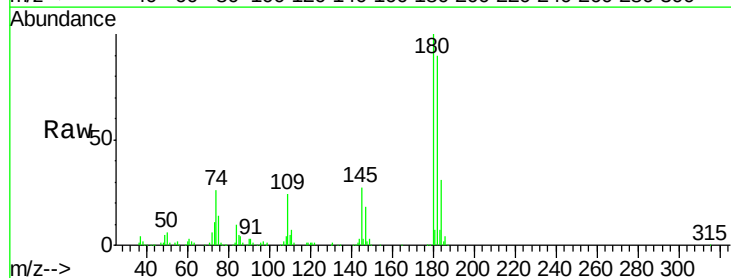
Manual Integrations
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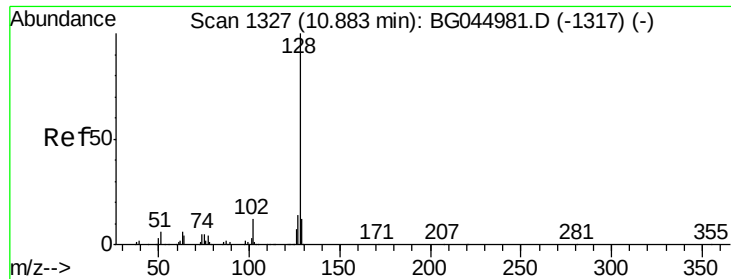
mohammad
5/13/2020 8:15:11 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.83 ng
RT: 10.65 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196698		
182	89.7	73.3	109.9	
145	27.5	22.6	33.8	





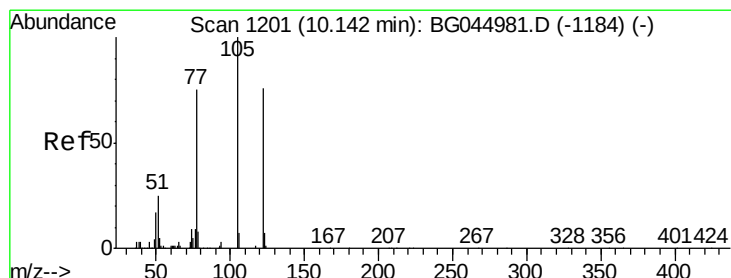
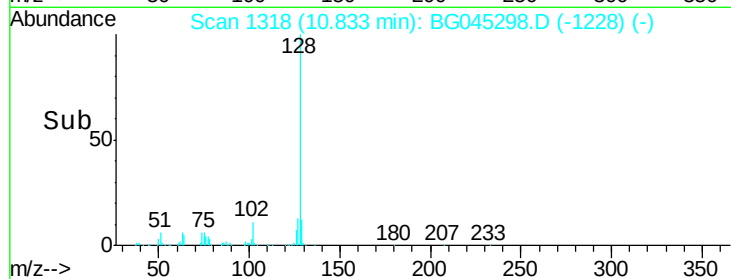
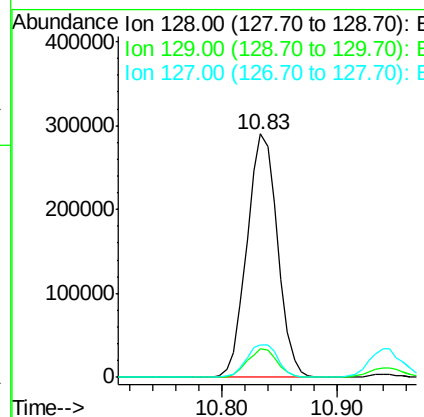
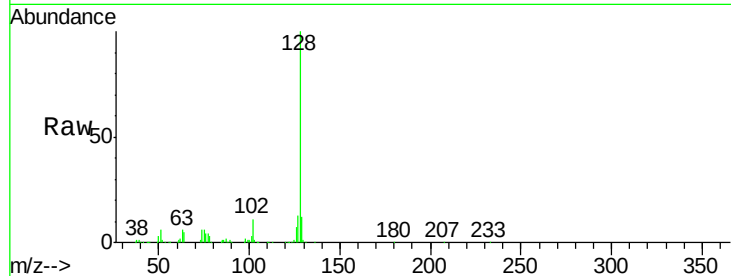
#31
Naphthalene
Concen: 39.65 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	533721		
129	11.5	9.4	14.2	
127	13.1	10.8	16.2	

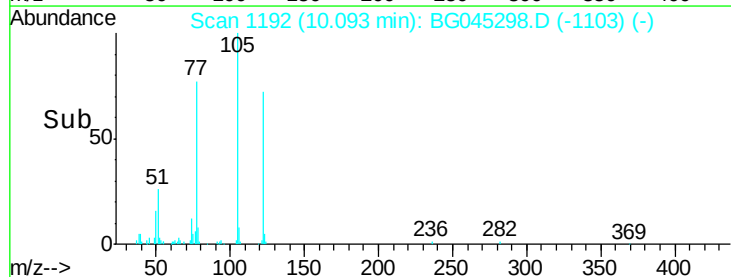
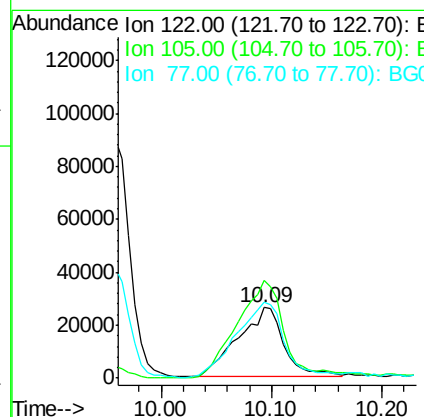
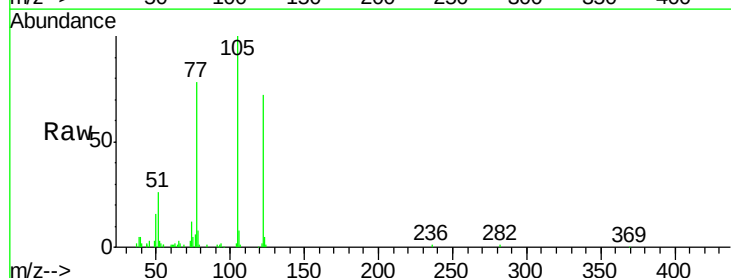
Manual Integrations
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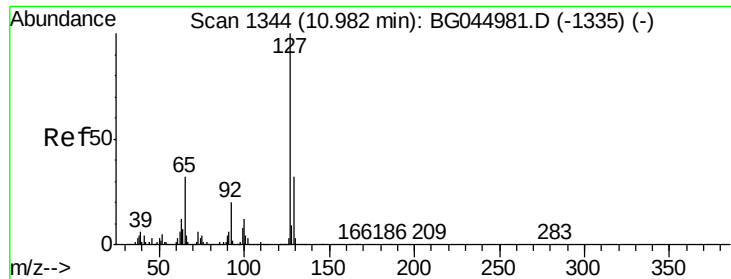
mohammad
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#32
Benzoic acid
Concen: 28.28 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	77095		
105	138.5	108.4	148.4	
77	107.5	78.8	118.8	





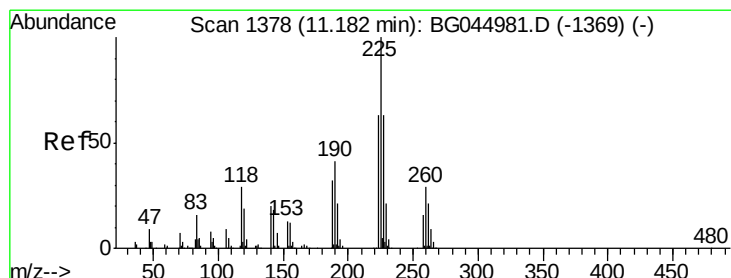
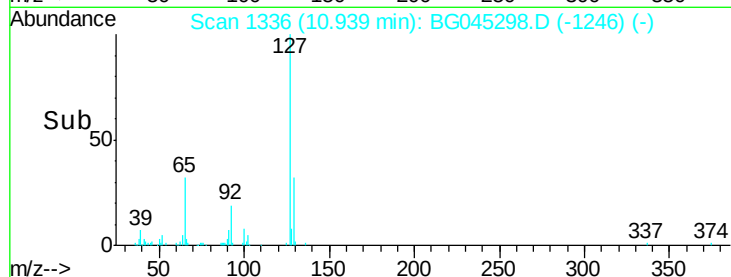
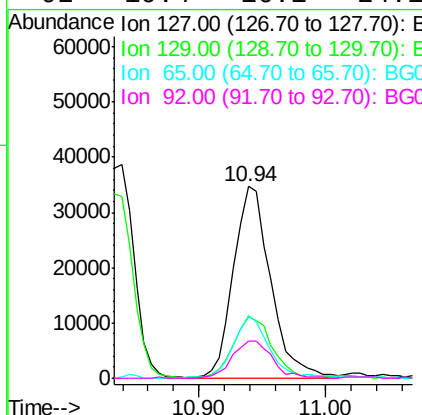
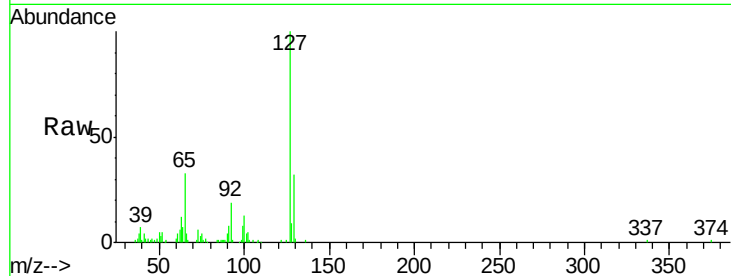
#33
4-Chloroaniline
Concen: 11.30 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	32.5	25.4	38.2
92	19.4	16.1	24.1

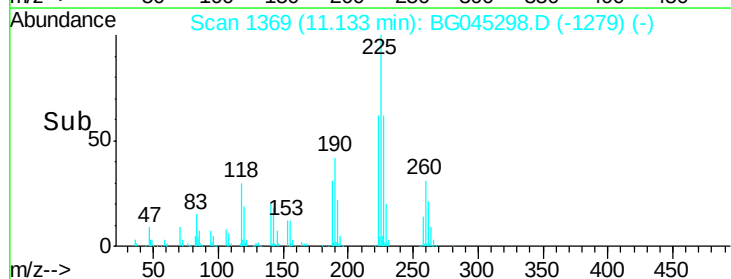
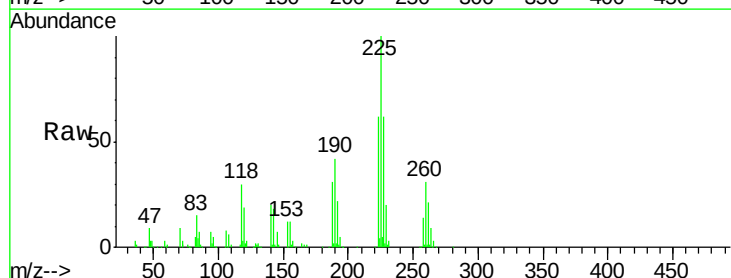
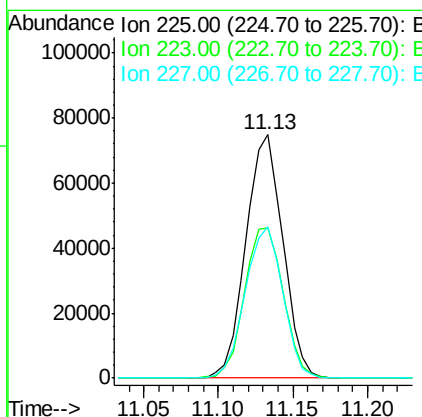
Manual Integrations
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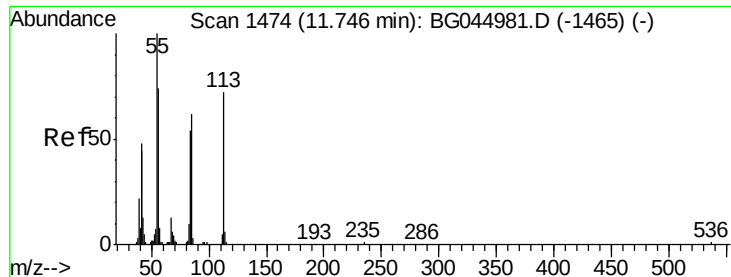
mohammad
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#34
Hexachlorobutadiene
Concen: 37.86 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.7	76.1
227	62.5	50.2	75.2





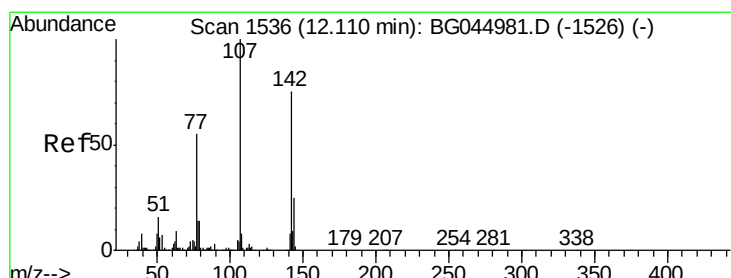
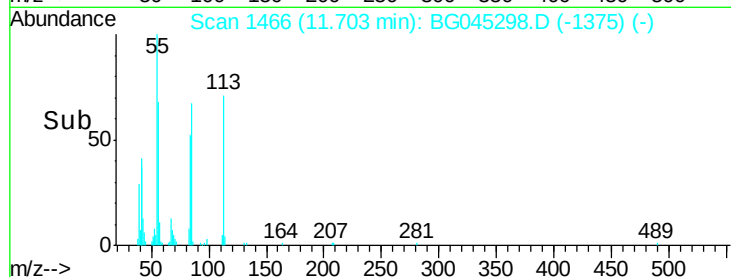
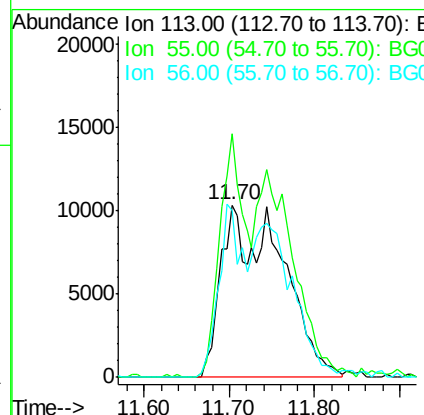
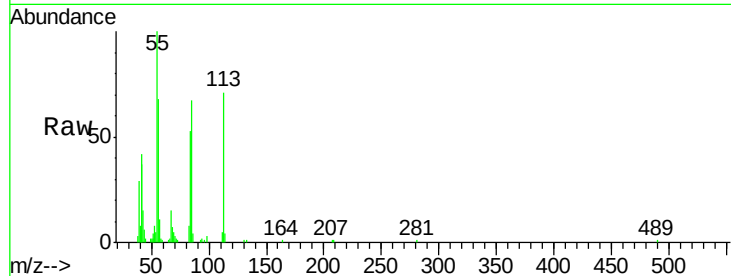
#35
 Caprolactam
 Concen: 28.92 ng m
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	141.2	118.8	158.8
56	96.5	82.6	122.6

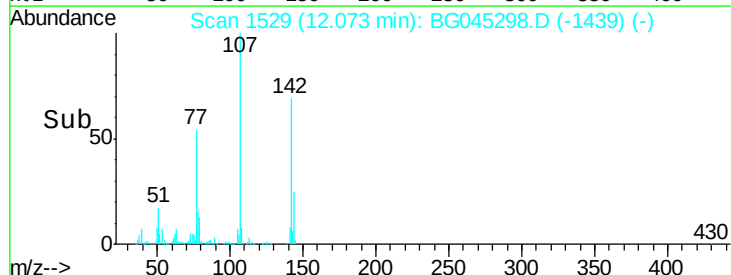
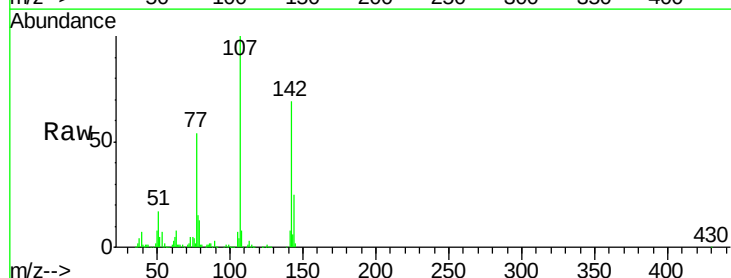
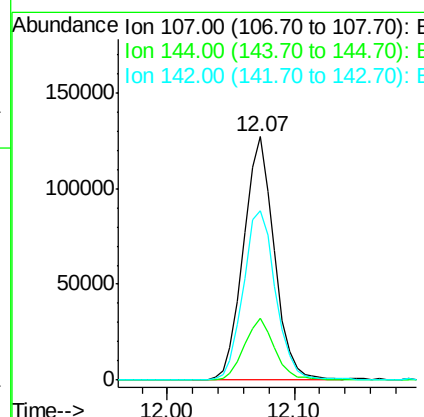
Manual Integrations
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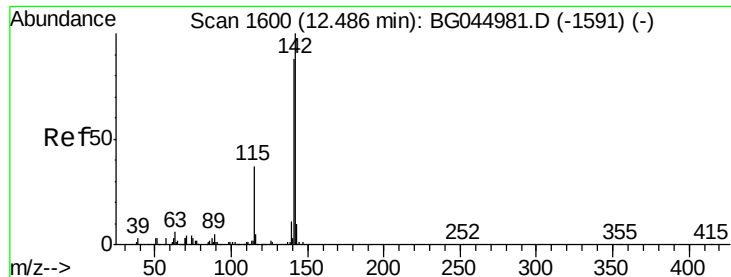
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.68 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.8	29.6
142	69.4	59.7	89.5





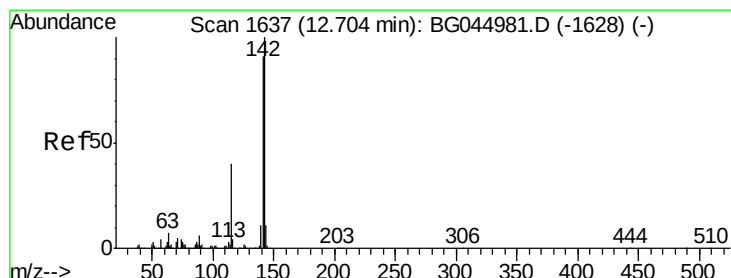
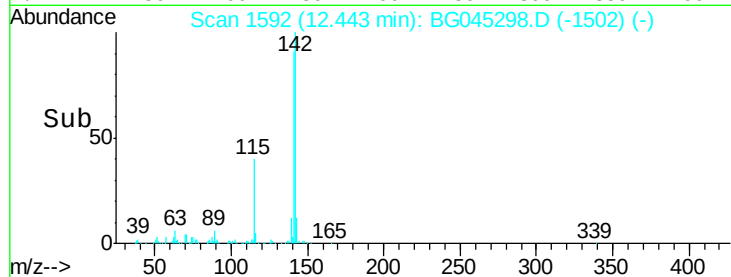
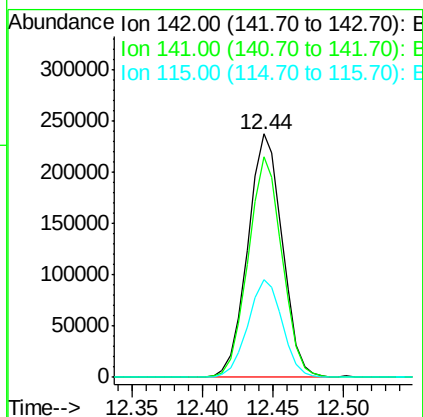
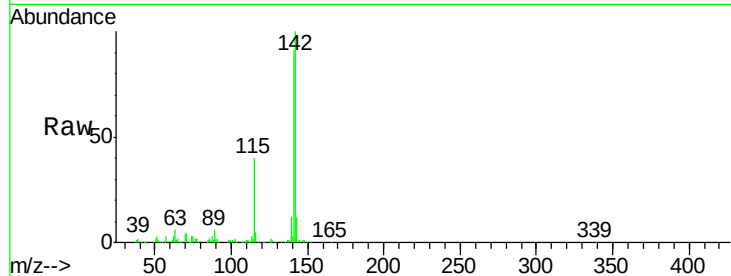
#37
 2-Methylnaphthalene
 Concen: 38.98 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5
115	40.1	29.8	44.6

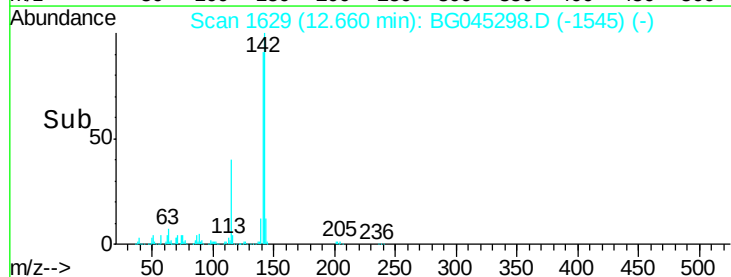
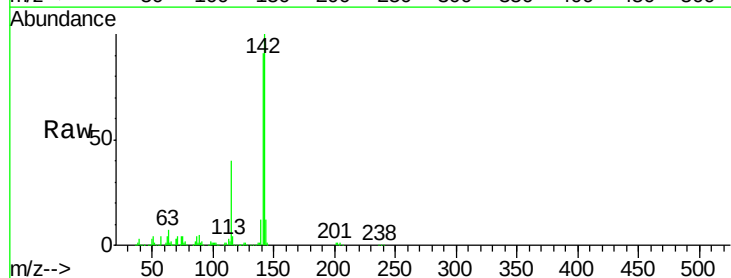
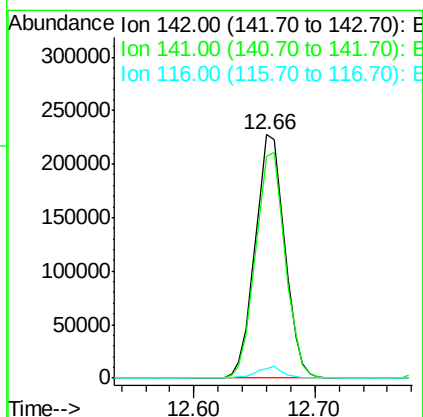
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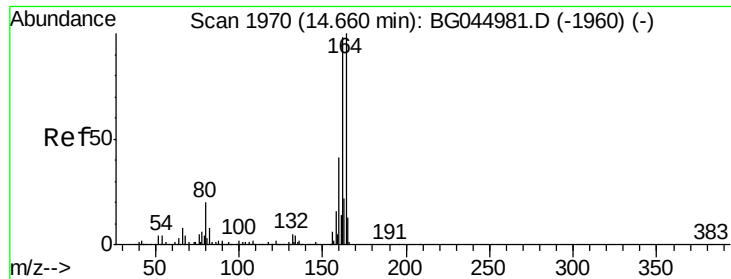
mohammad
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#38
 1-Methylnaphthalene
 Concen: 39.28 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.7	109.1
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

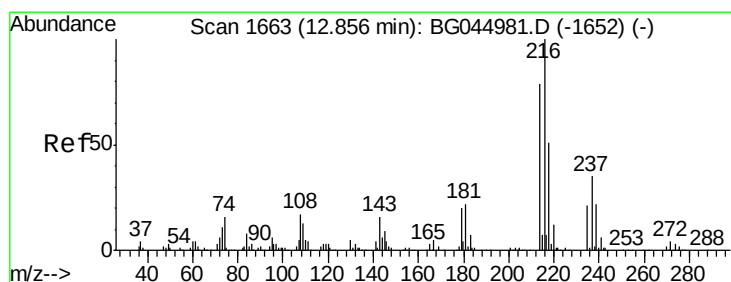
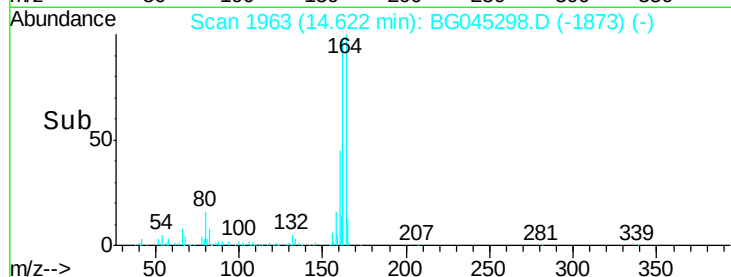
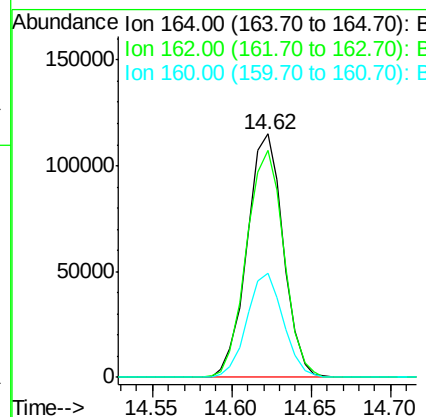
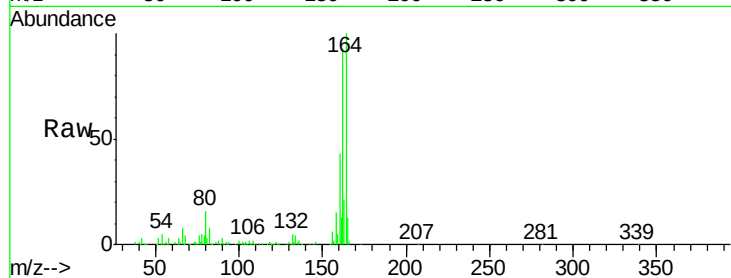
HR-05-050720MSD

Tgt Ion:	164	Resp:	182138
Ion Ratio	Lower	Upper	
164	100		
162	93.0	78.7	118.1
160	42.8	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.48 ng

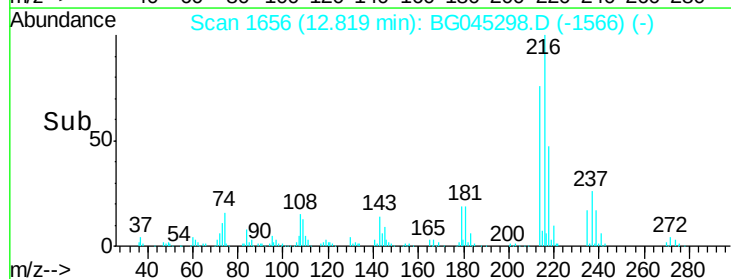
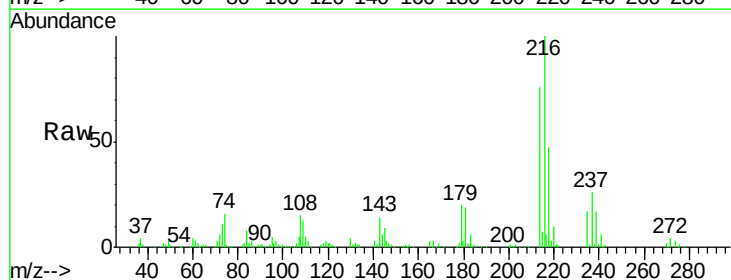
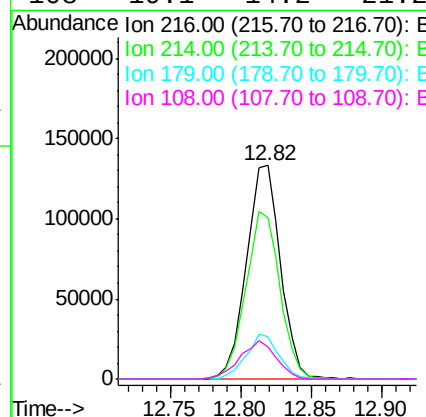
RT: 12.82 min Scan# 1656

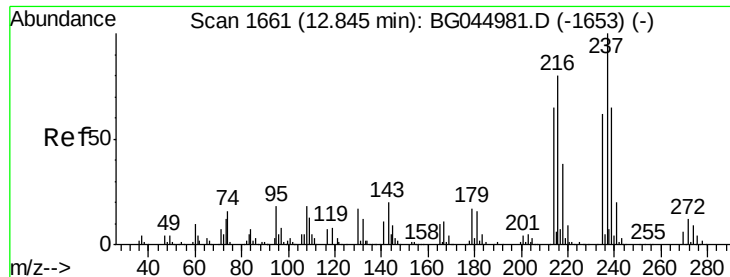
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:	216	Resp:	225661
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.0	94.6
179	20.0	15.8	23.8
108	19.1	14.2	21.2





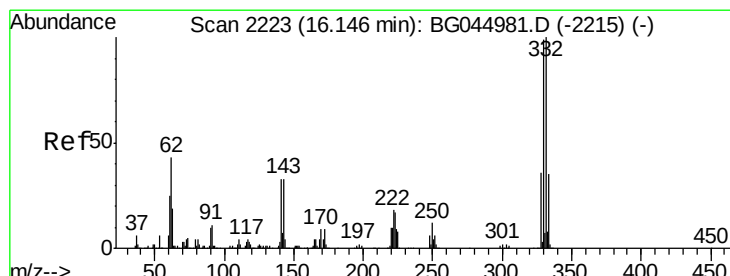
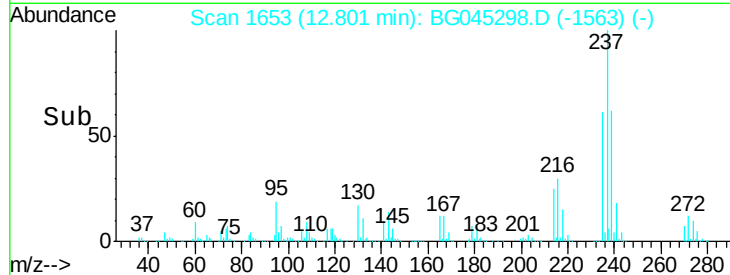
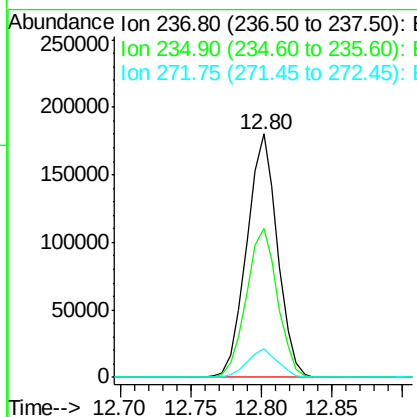
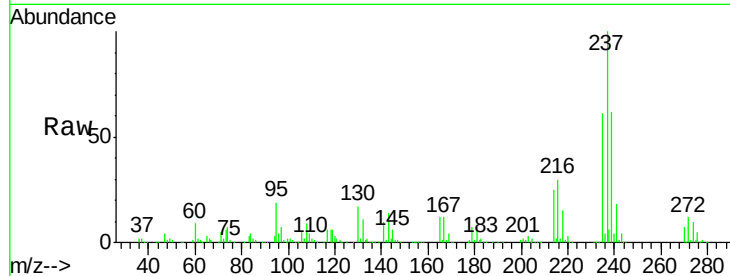
#41
 Hexachlorocyclopentadiene
 Concen: 74.76 ng
 RT: 12.80 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	274009		
235	61.3		41.6	81.6
272	11.8		0.0	32.1

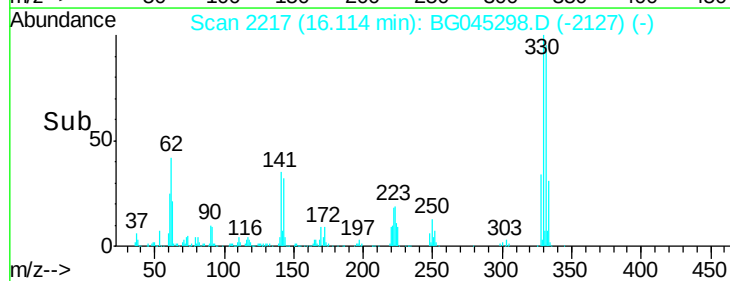
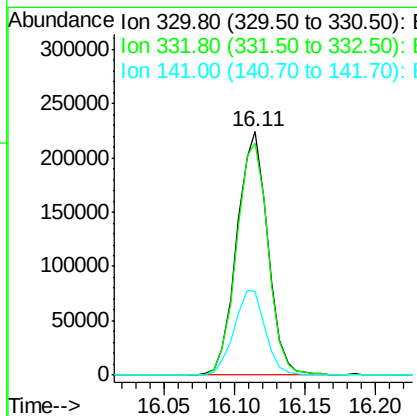
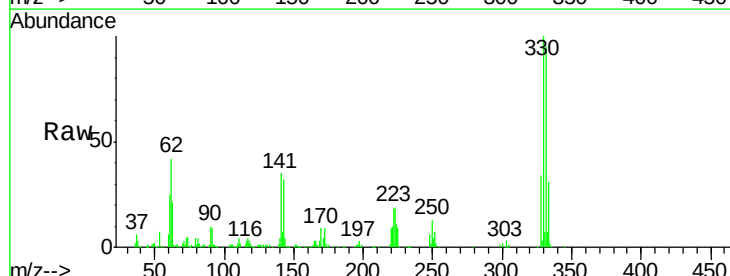
Manual Integrations
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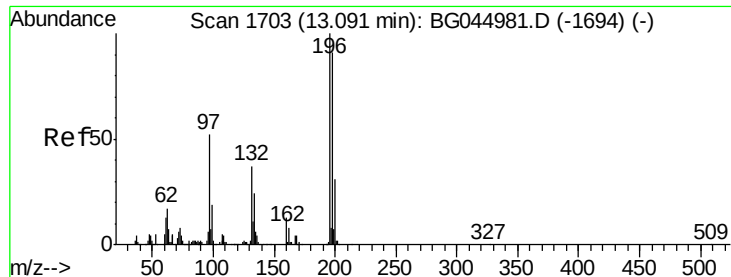
mohammad
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#42
 2,4,6-Tribromophenol
 Concen: 121.58 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	342089		
332	97.4		79.1	118.7
141	35.5		27.1	40.7





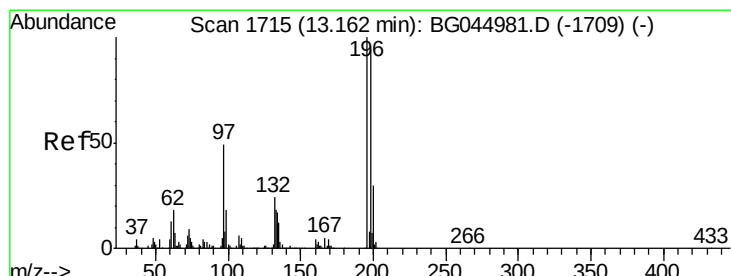
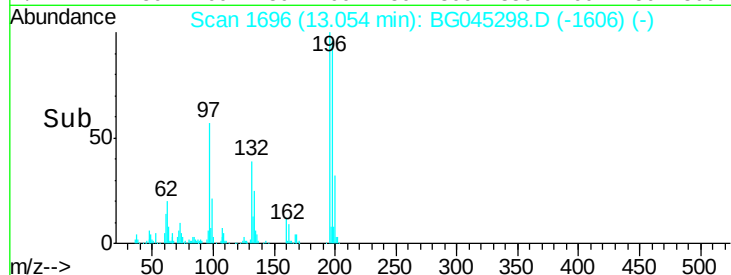
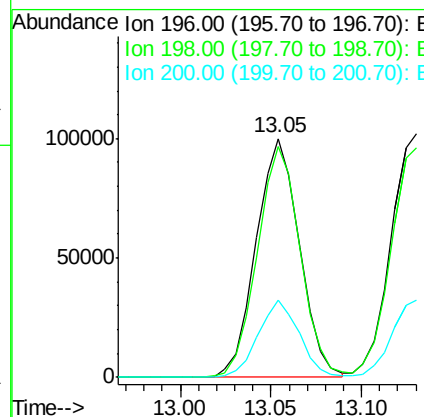
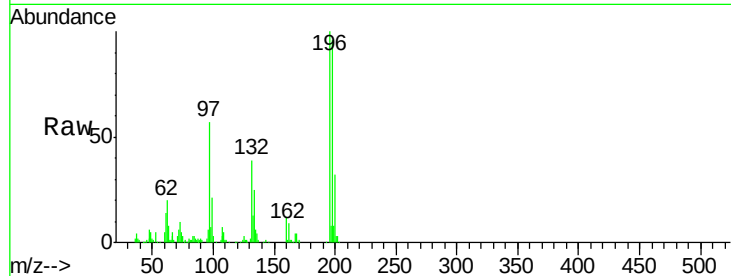
#43
 2,4,6-Trichlorophenol
 Concen: 39.98 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampled :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165459		
198	96.5	72.5	108.7	
200	32.4	24.5	36.7	

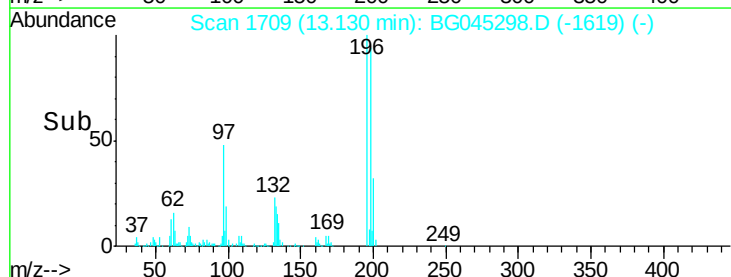
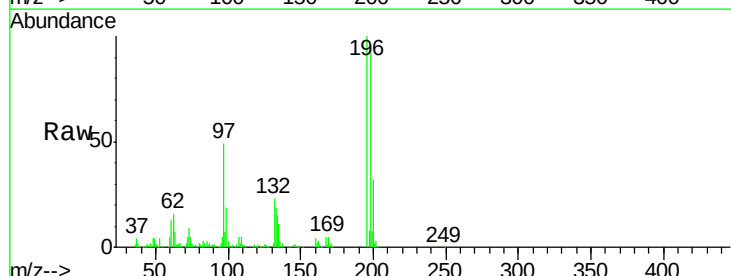
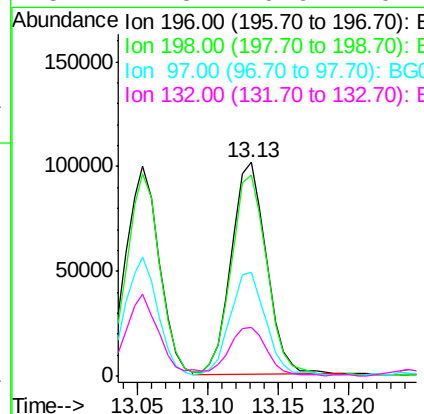
Manual Integrations
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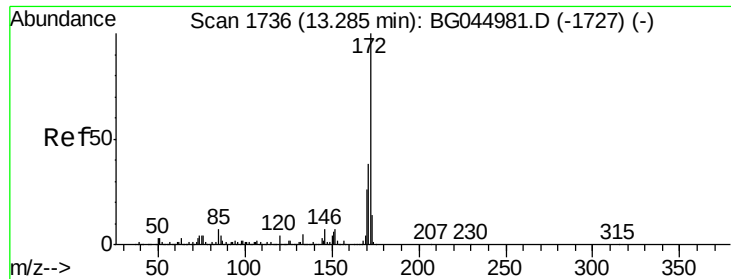
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.42 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176287		
198	94.2	75.7	113.5	
97	48.7	39.6	59.4	
132	22.8	19.6	29.4	





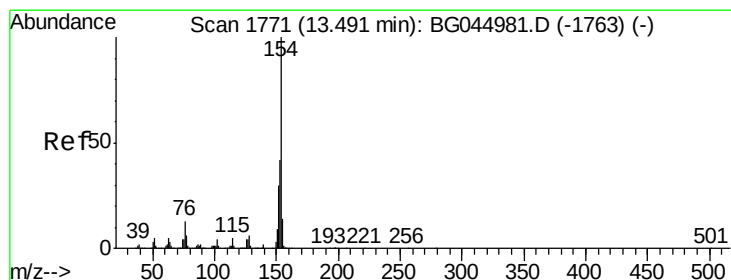
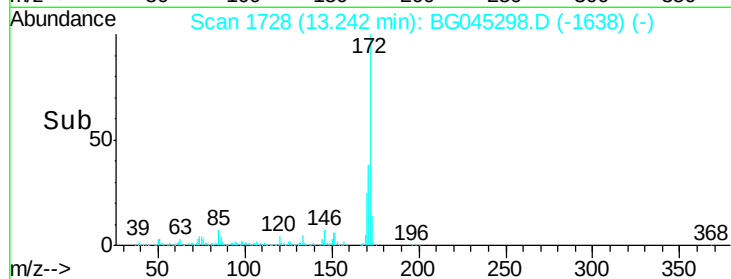
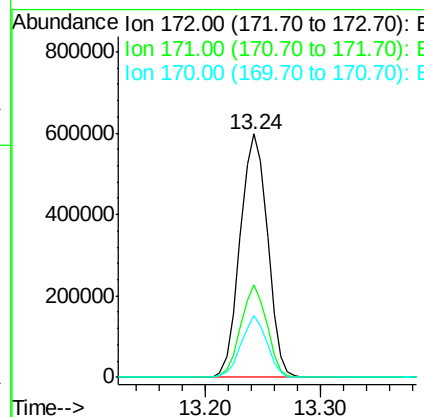
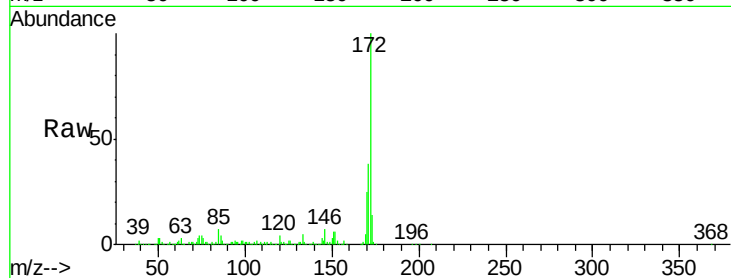
#45
 2-Fluorobiphenyl
 Concen: 79.30 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	985054		
171	37.9	30.6	46.0	
170	25.4	20.5	30.7	

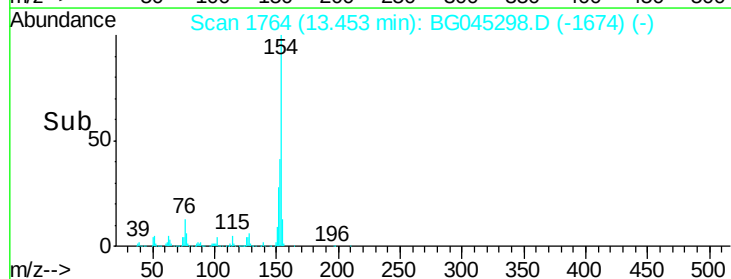
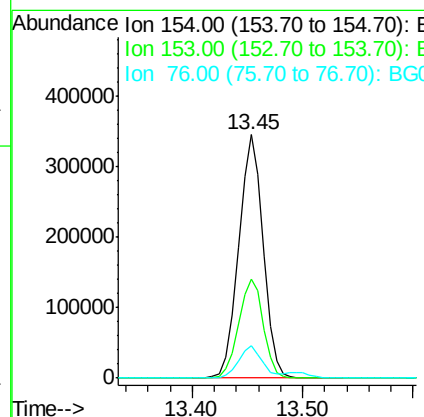
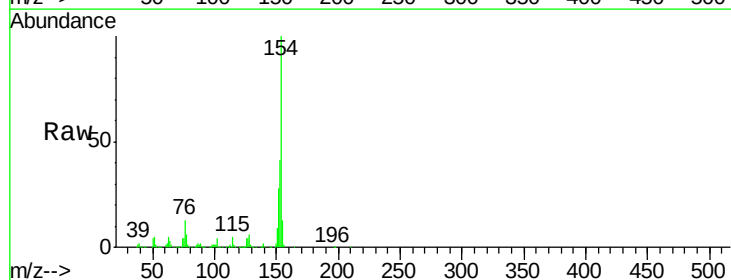
Manual Integrations
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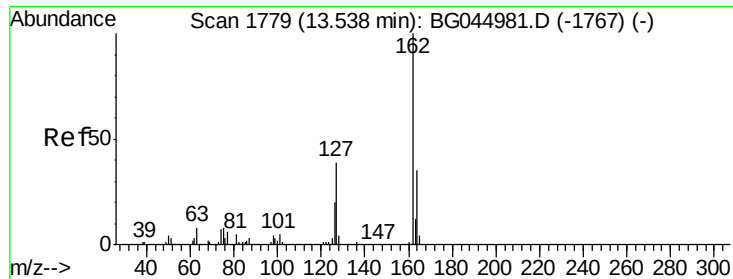
mohammad
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#46
 1,1'-Biphenyl
 Concen: 38.68 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	535517		
153	40.9	21.9	61.9	
76	13.3	0.0	33.1	





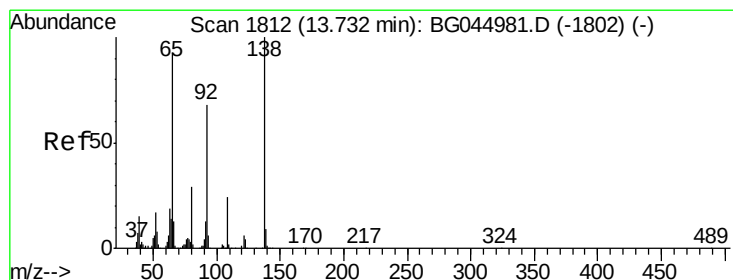
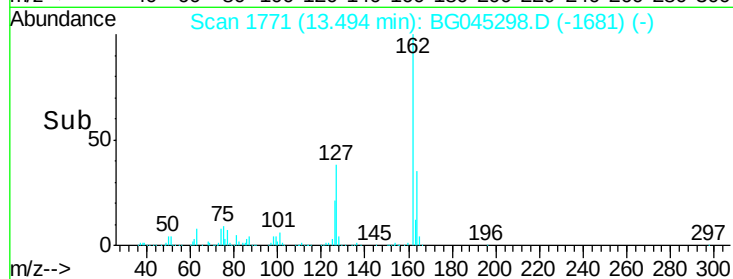
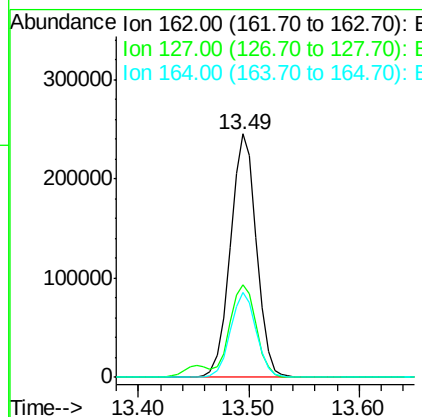
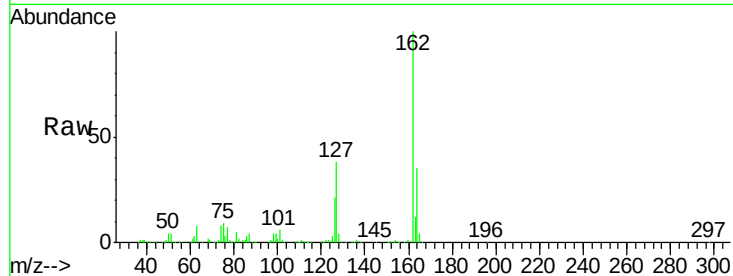
#47
 2-Chloronaphthalene
 Concen: 38.20 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	404065		
127	37.8	31.3	46.9	
164	34.9	27.8	41.8	

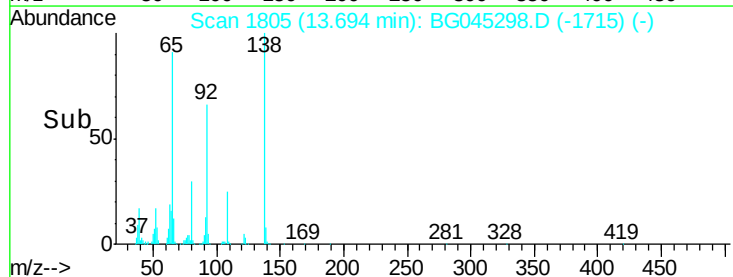
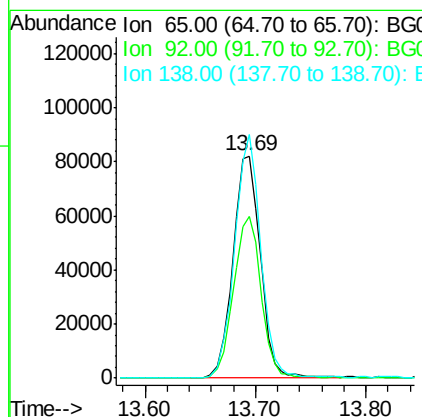
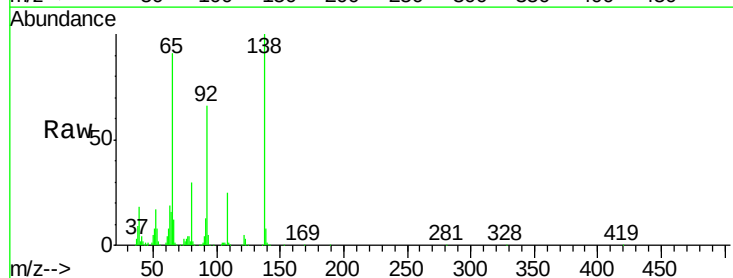
Manual Integrations
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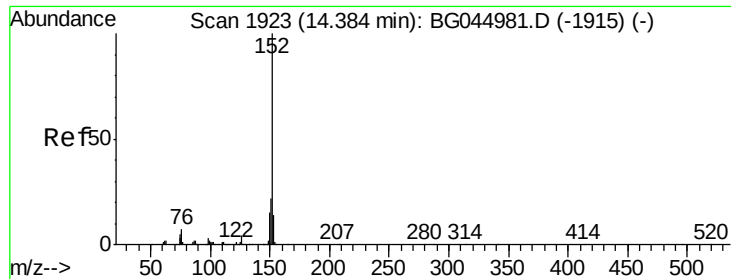
mohammad
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#48
 2-Nitroaniline
 Concen: 41.37 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	143969		
92	72.8	58.3	87.5	
138	109.5	85.6	128.4	





#49

Acenaphthylene

Concen: 40.11 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

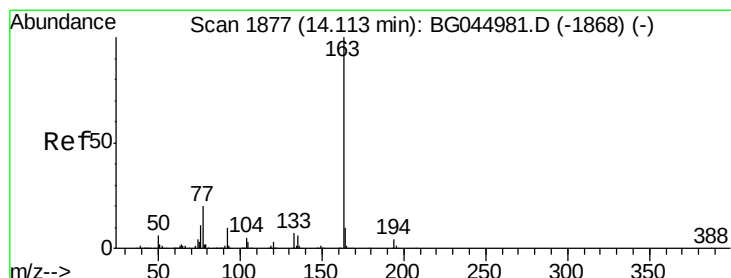
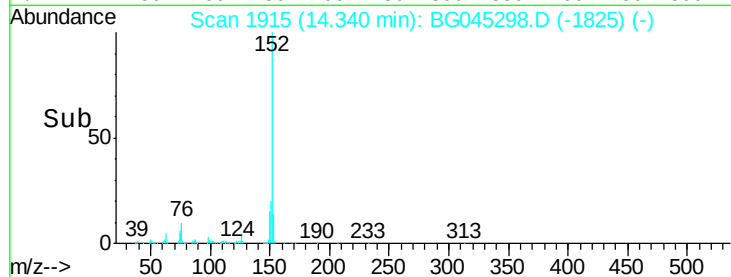
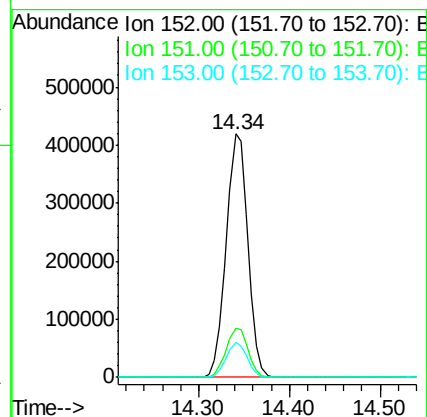
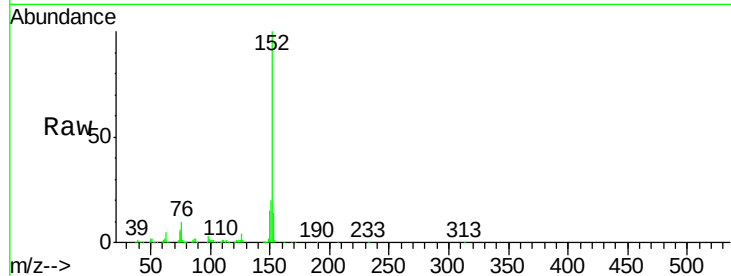
HR-05-050720MSD

Tgt Ion:	152	Resp:	691018
Ion Ratio		Lower	Upper
152	100		
151	20.2	17.2	25.8
153	14.2	11.0	16.4

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#50

Dimethylphthalate

Concen: 45.45 ng

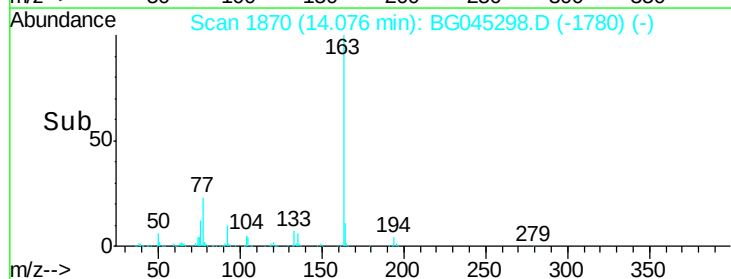
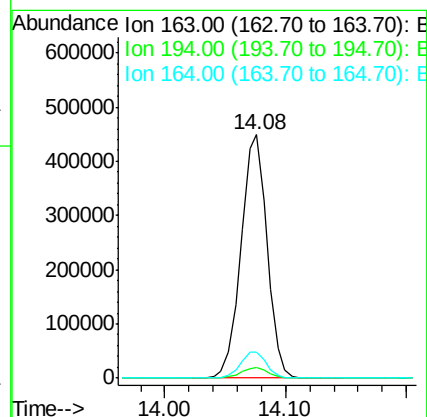
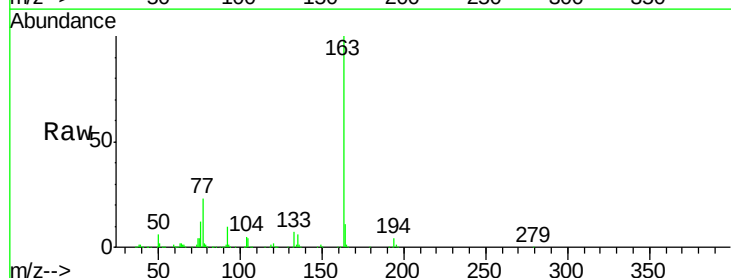
RT: 14.08 min Scan# 1870

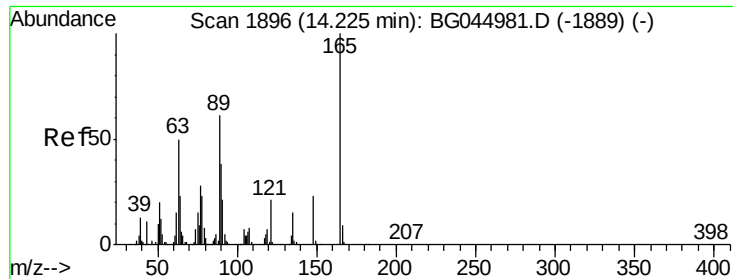
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:	163	Resp:	674116
Ion Ratio		Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.6	8.2	12.4





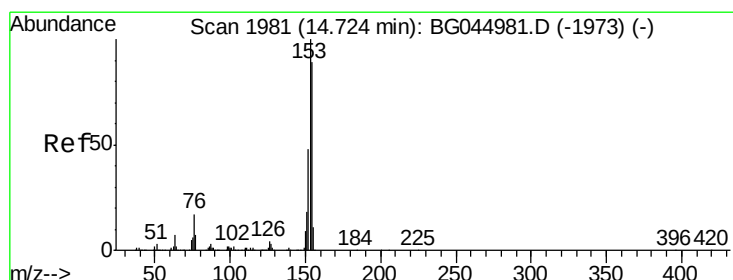
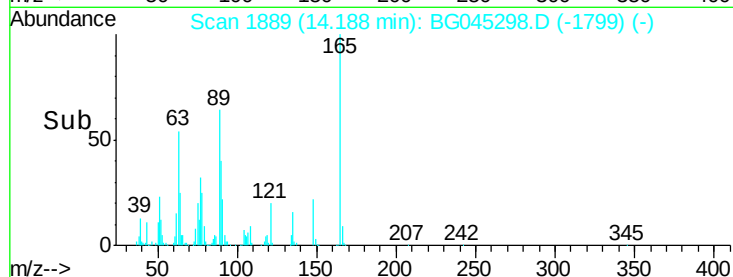
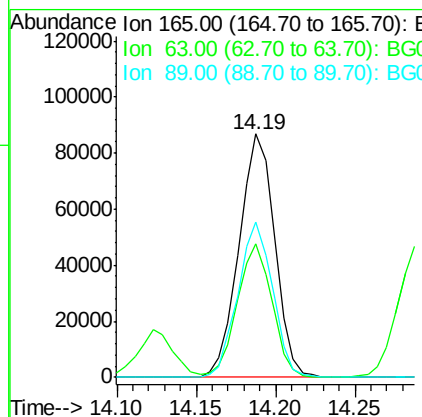
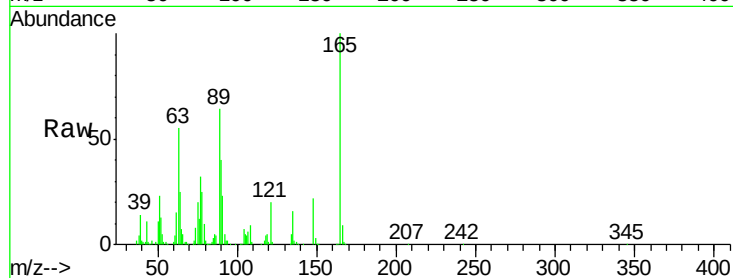
#51
 2,6-Dinitrotoluene
 Concen: 40.95 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.8	40.4	60.6
89	63.6	49.1	73.7

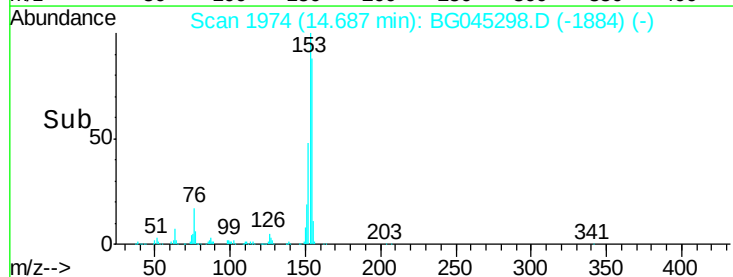
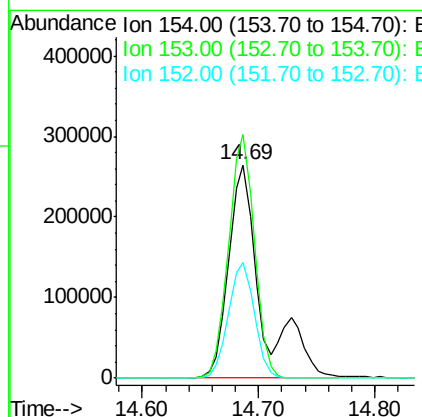
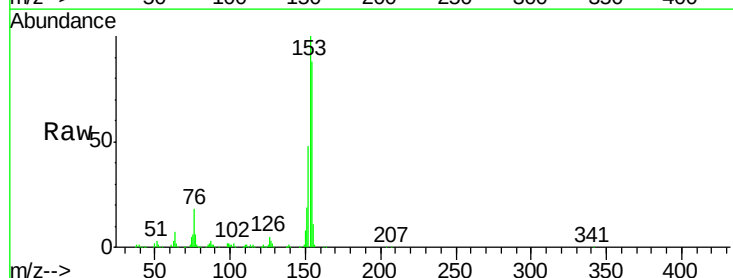
Manual Integrations
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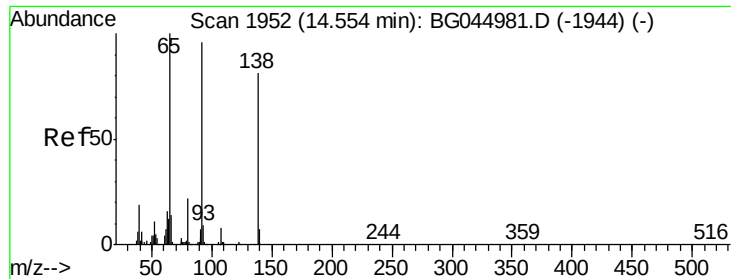
mohammad
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#52
 Acenaphthene
 Concen: 44.94 ng m
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.0	89.7	134.5
152	54.2	43.1	64.7





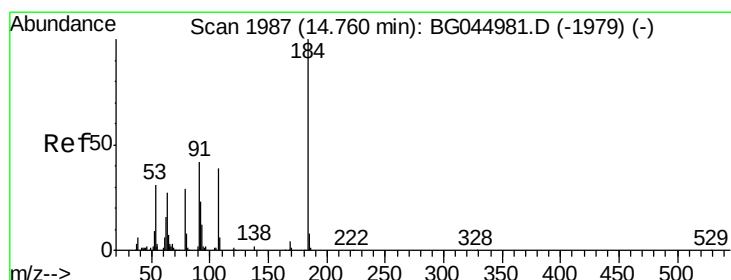
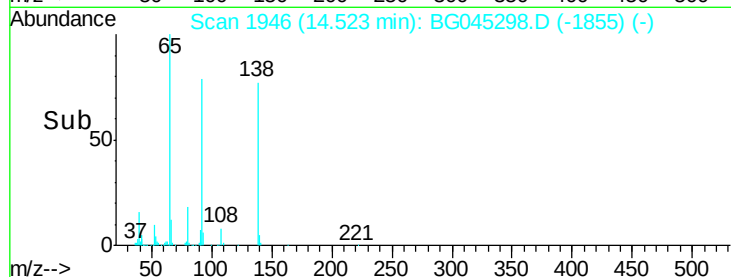
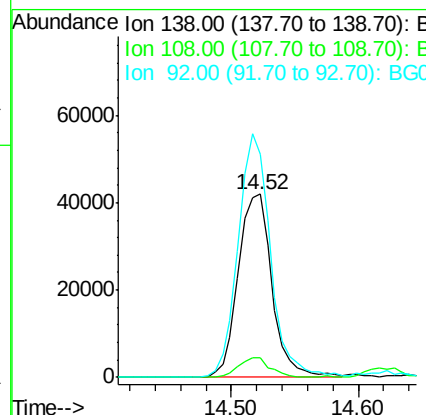
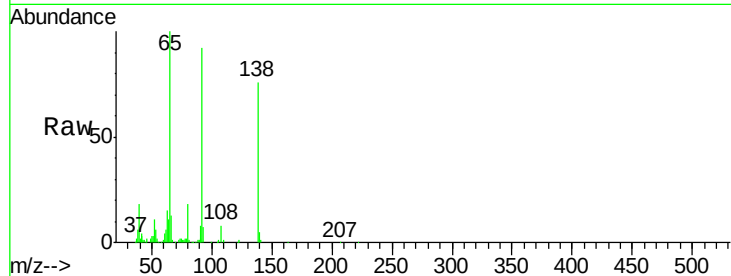
#53
 3-Nitroaniline
 Concen: 21.32 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.8	11.8
92	122.0	94.5	141.7

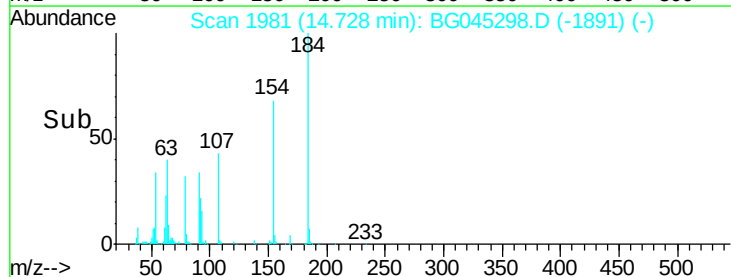
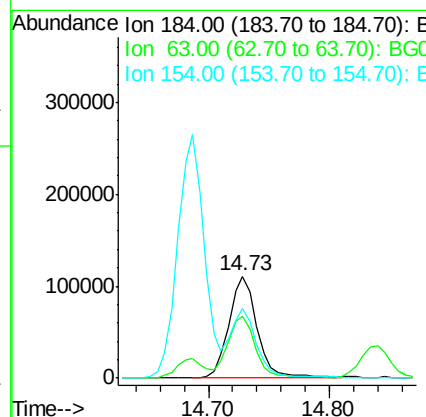
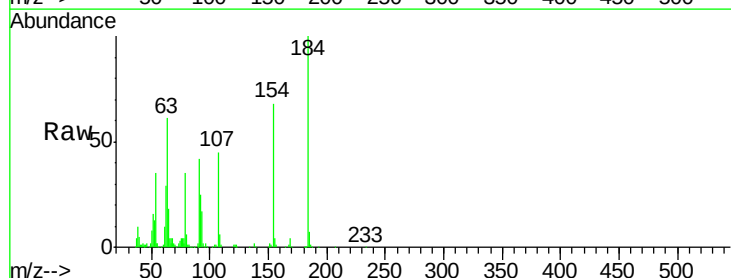
Manual Integrations
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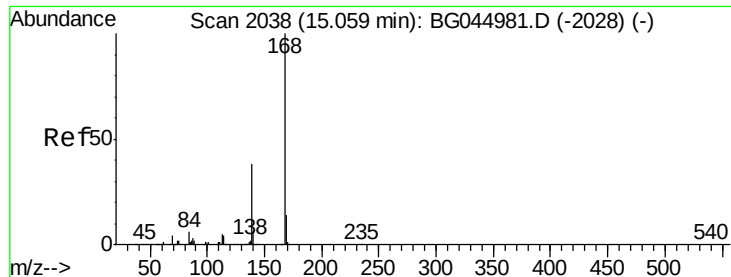
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#54
 2,4-Dinitrophenol
 Concen: 91.68 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	41.5	62.3
154	67.8	52.3	78.5





#55

Dibenzenofuran

Concen: 39.94 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

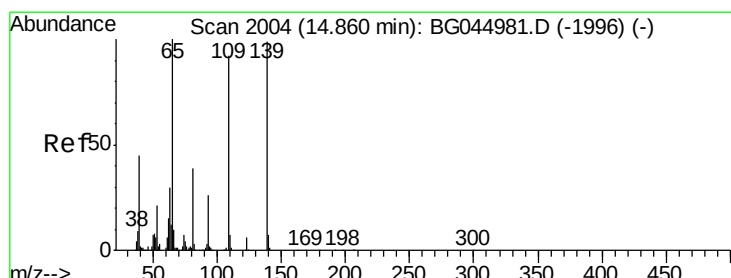
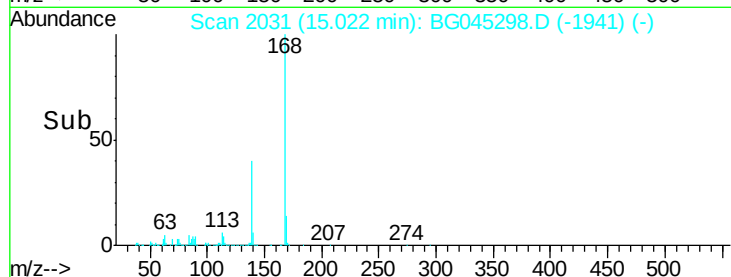
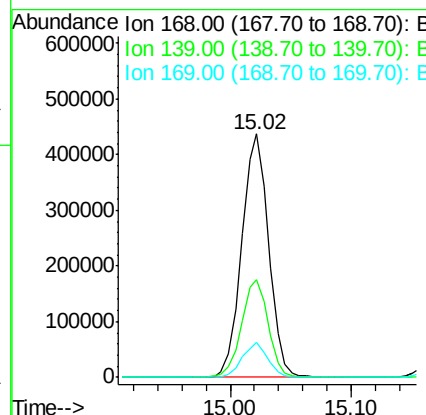
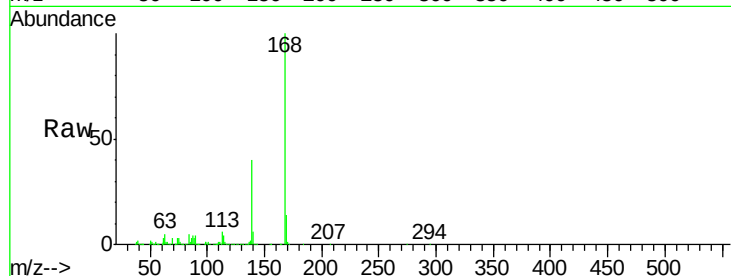
HR-05-050720MSD

Tgt Ion:	168	Resp:	678803
Ion Ratio	Lower	Upper	
168	100		
139	39.9	30.4	45.6
169	14.2	11.0	16.4

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#56

4-Nitrophenol

Concen: 67.83 ng

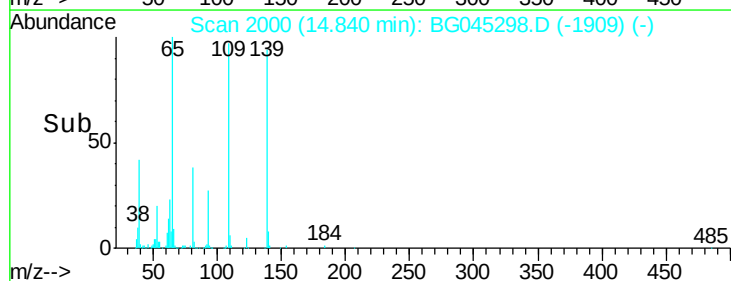
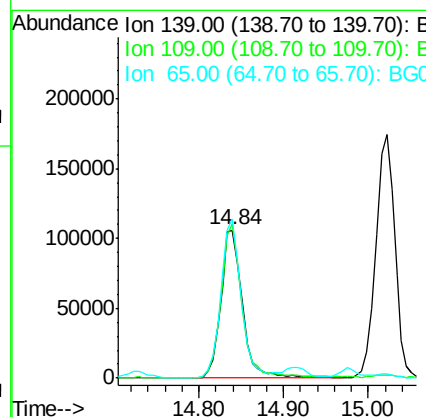
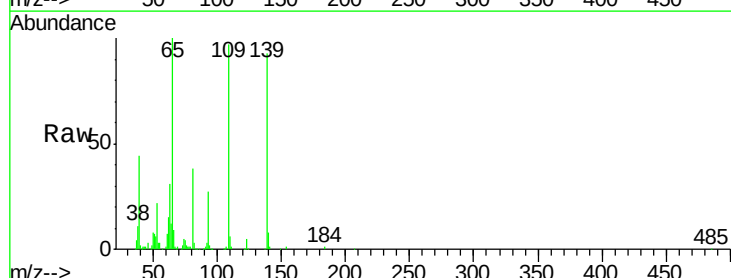
RT: 14.84 min Scan# 2000

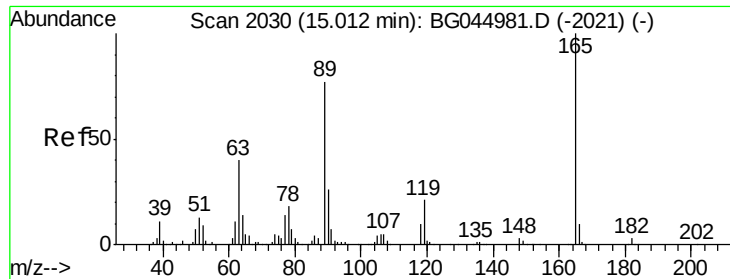
Delta R.T. 0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:	139	Resp:	191332
Ion Ratio	Lower	Upper	
139	100		
109	103.6	73.6	113.6
65	107.2	81.2	121.2





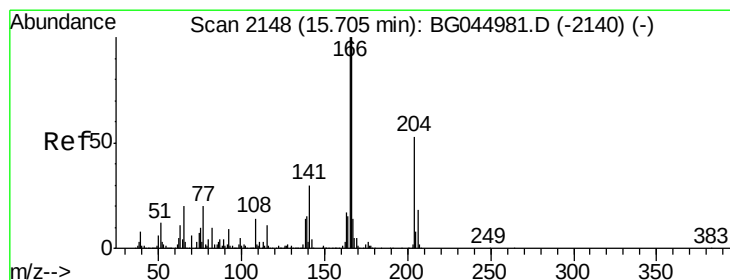
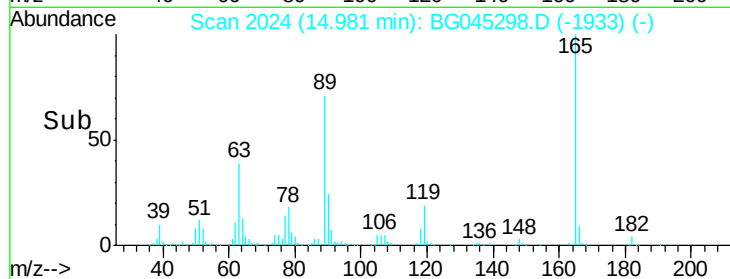
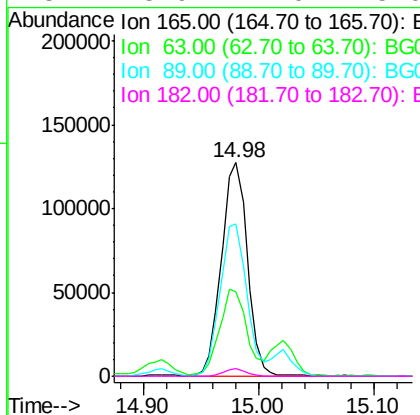
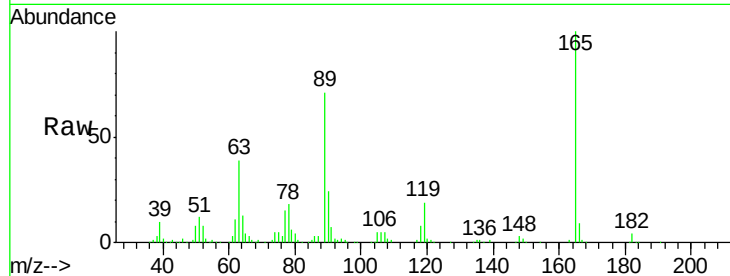
#57
 2,4-Dinitrotoluene
 Concen: 41.12 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	199359		
63	39.4	32.2	48.2	
89	71.1	61.7	92.5	
182	3.9	2.0	3.0#	

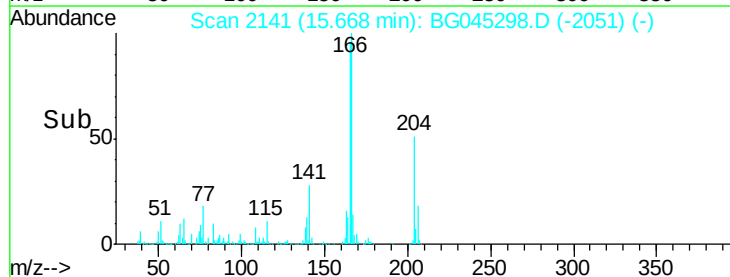
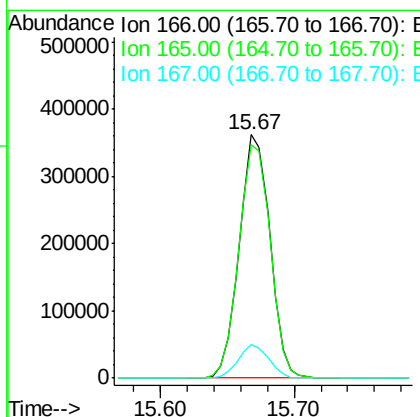
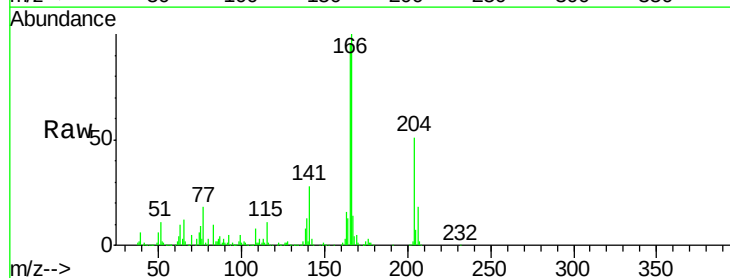
Manual Integrations
 APPROVED

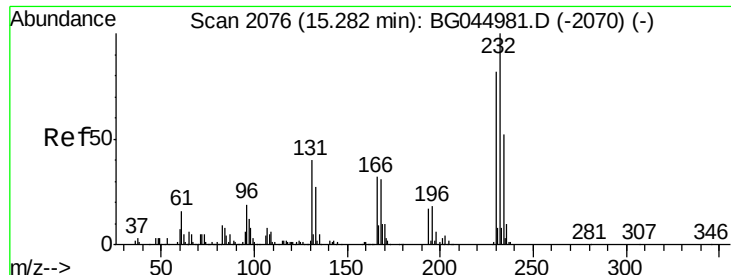
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#58
 Fluorene
 Concen: 41.43 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	575184		
165	95.8	79.9	119.9	
167	13.8	11.4	17.0	





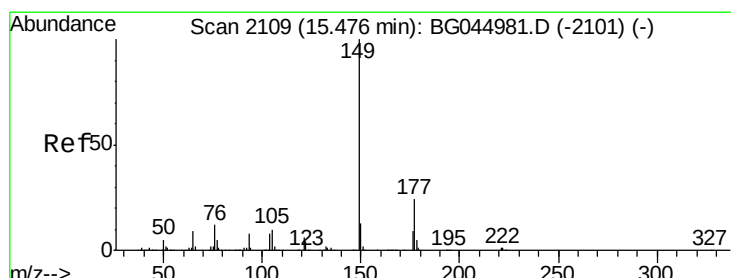
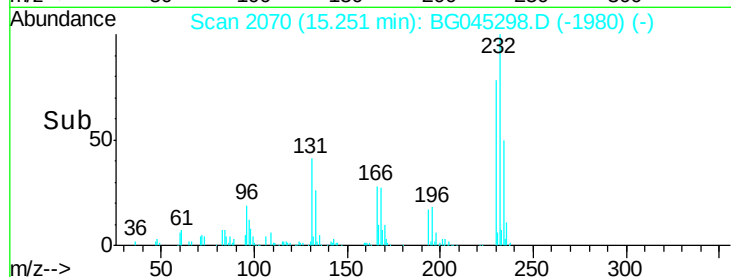
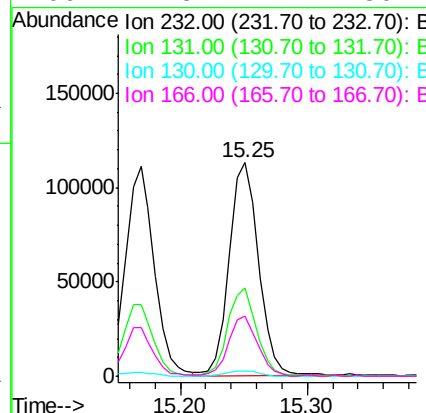
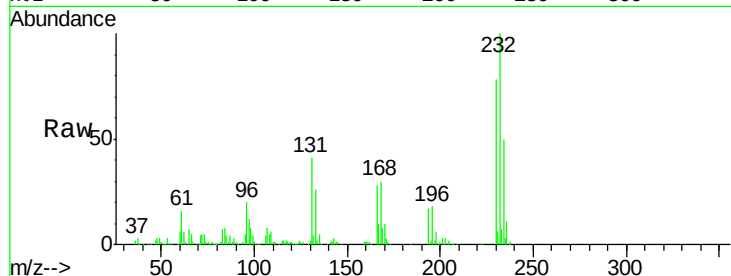
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.09 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	180619		
131	40.2	32.2	48.2	
130	2.7	2.2	3.2	
166	27.3	24.2	36.4	

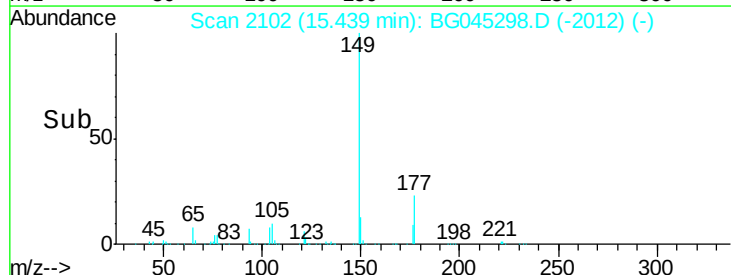
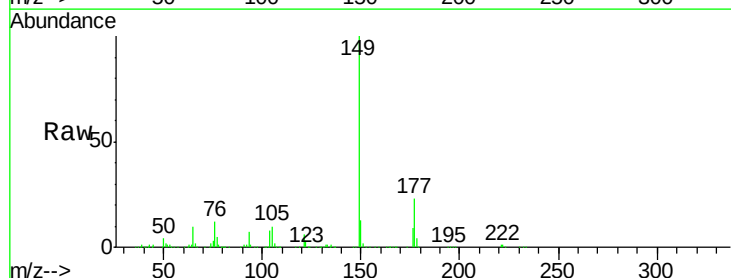
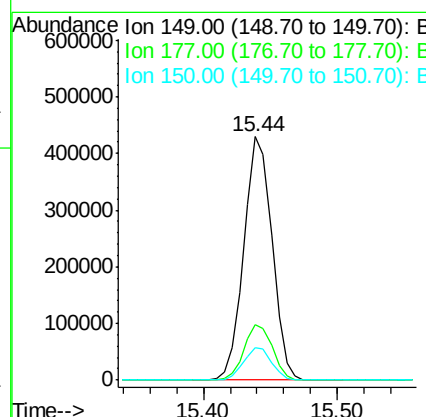
Manual Integrations
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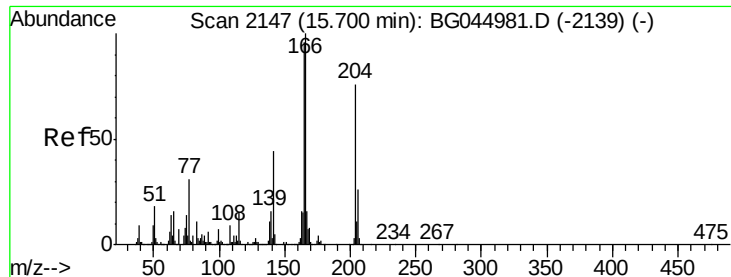
mohammad
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#60
Diethylphthalate
Concen: 40.40 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	624733		
177	22.9	18.9	28.3	
150	13.2	10.6	15.8	





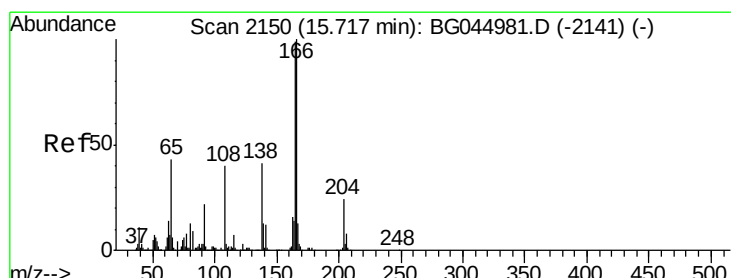
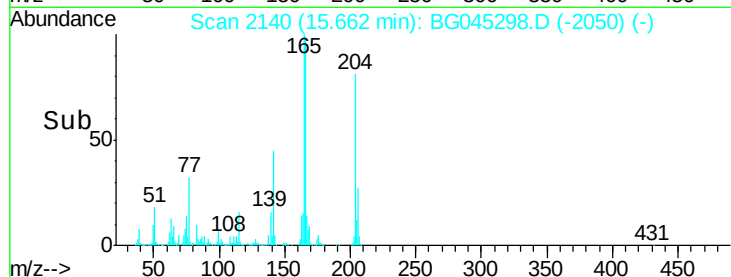
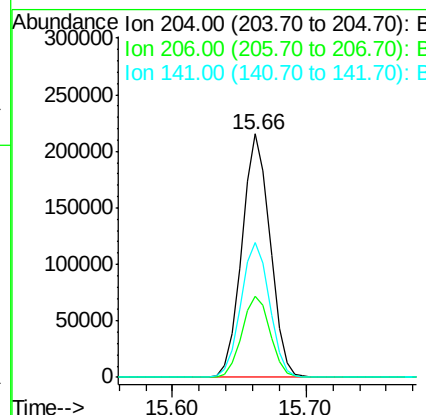
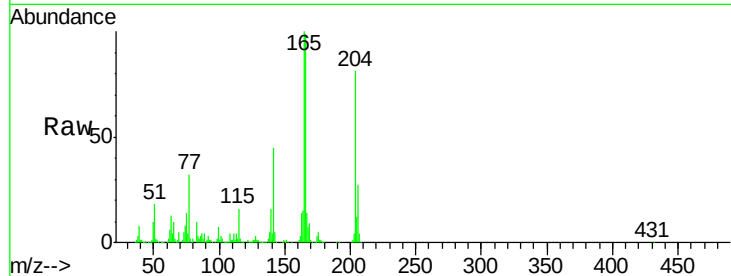
#61
4-Chlorophenyl-phenylether
Concen: 39.34 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	314379		
206	33.2	26.9	40.3	
141	55.2	46.3	69.5	

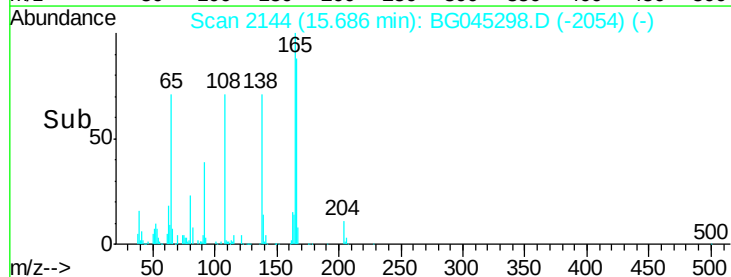
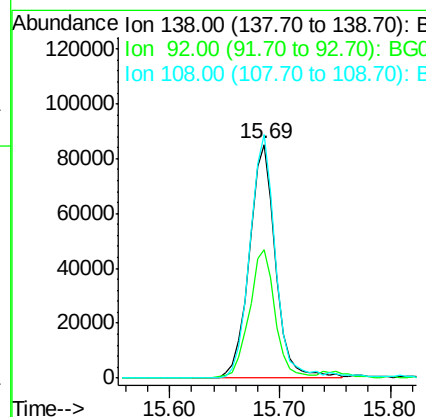
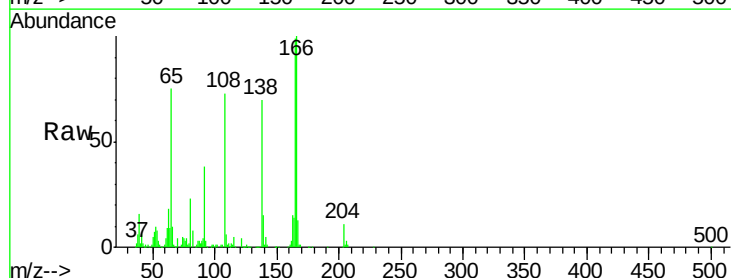
Manual Integrations
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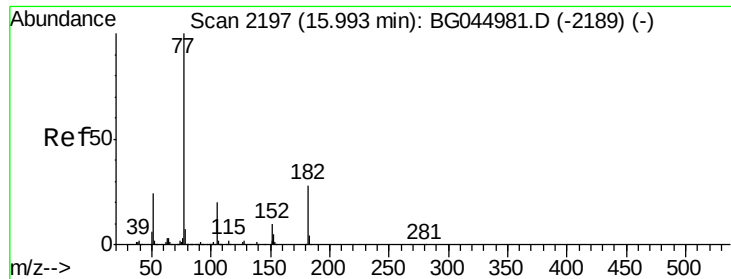
mohammad
5/13/2020 8:15:11 AM



#62
4-Nitroaniline
Concen: 37.70 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	142268		
92	54.7	33.6	73.6	
108	104.1	78.2	118.2	





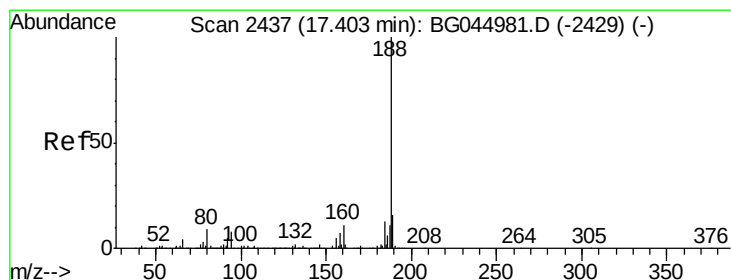
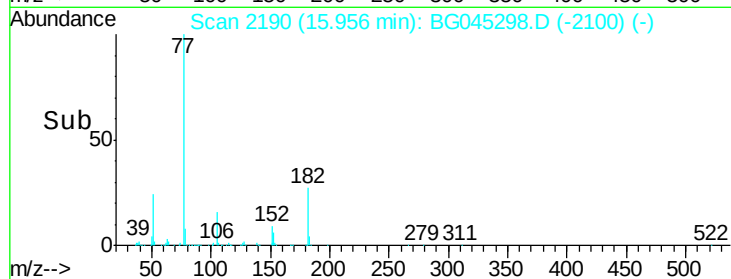
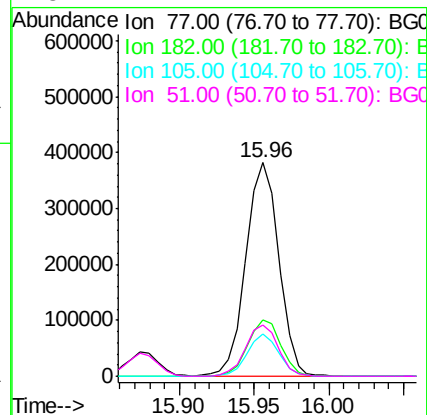
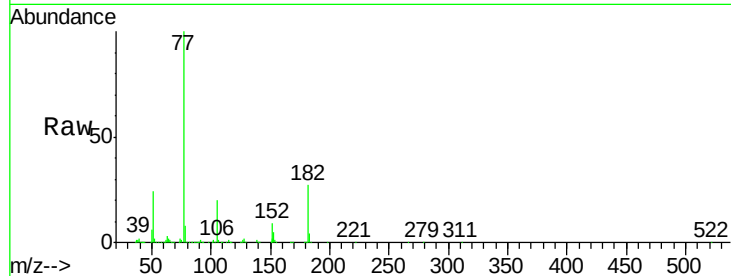
#63
Azobenzene
Concen: 40.74 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	8.4	48.4
105	19.5	0.5	40.5
51	24.2	4.4	44.4

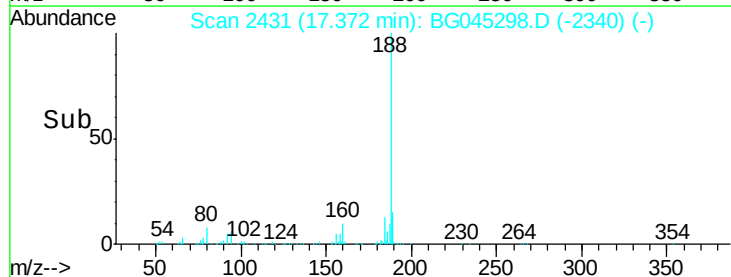
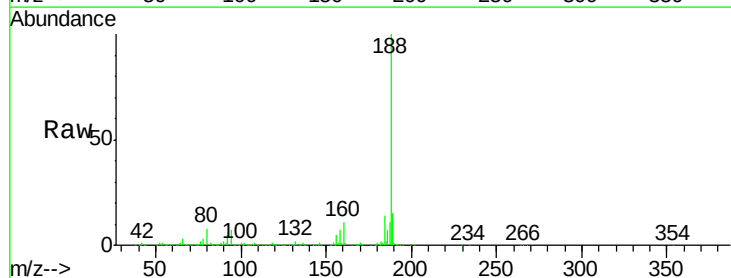
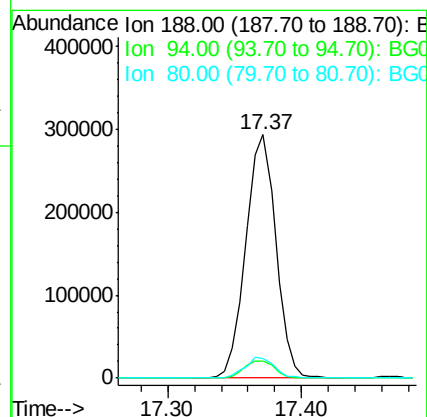
Manual Integrations
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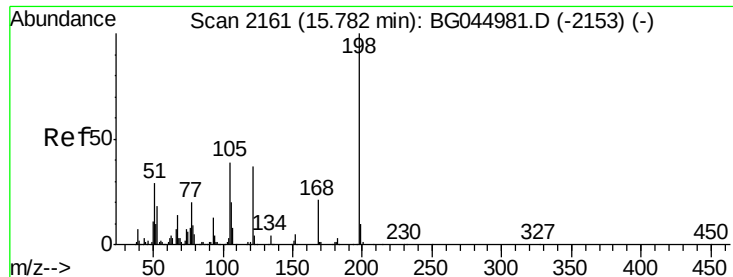
mohammad
5/13/2020 8:15:11 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	8.1	7.0	10.6





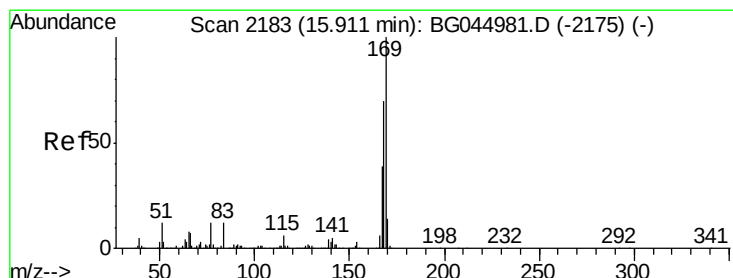
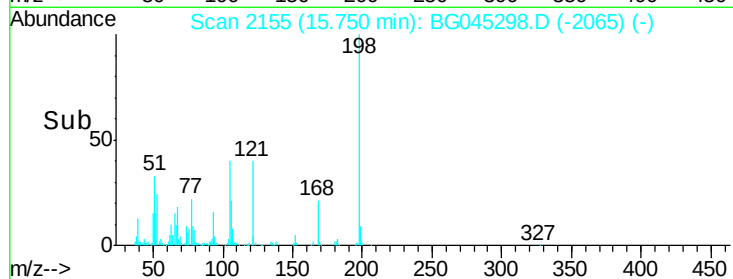
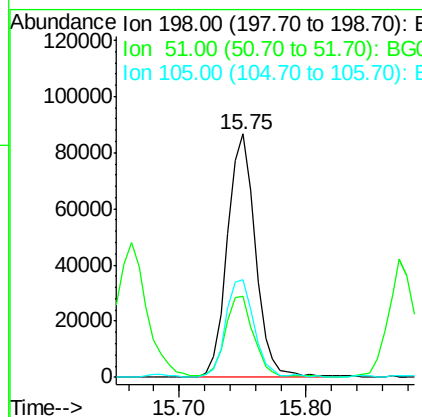
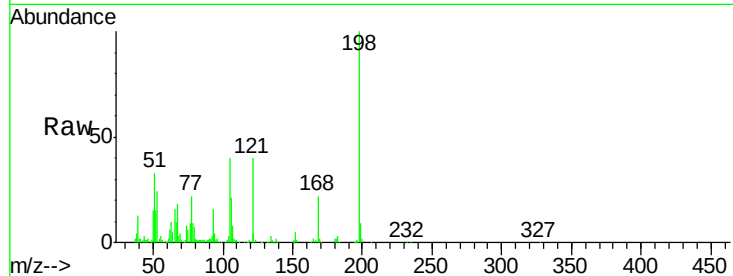
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.22 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	132686		
51	33.2	10.0	50.0	
105	40.3	18.9	58.9	

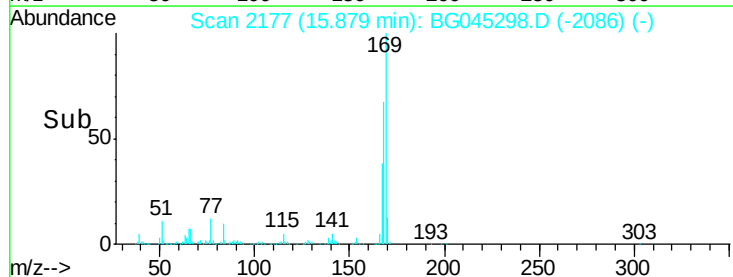
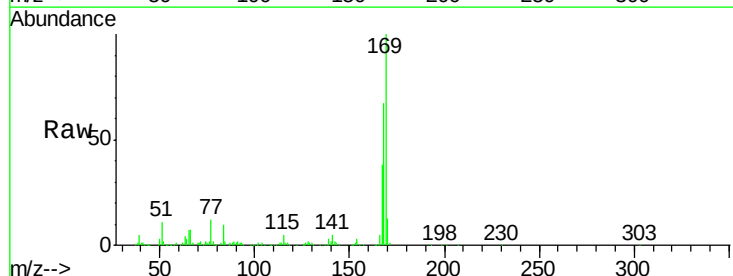
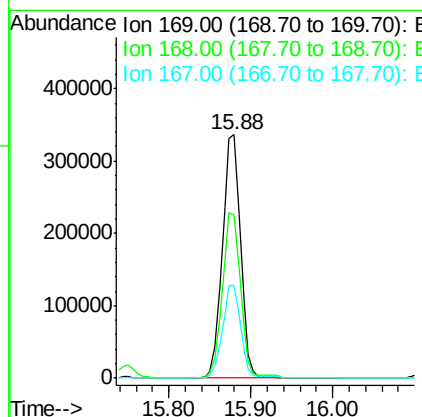
Manual Integrations
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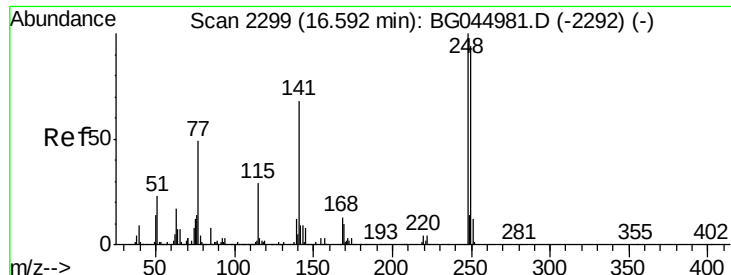
mohammad
 5/13/2020 8:15:11 AM



#66
 n-Nitrosodiphenylamine
 Concen: 39.60 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	519415		
168	67.0	55.8	83.8	
167	38.0	30.8	46.2	





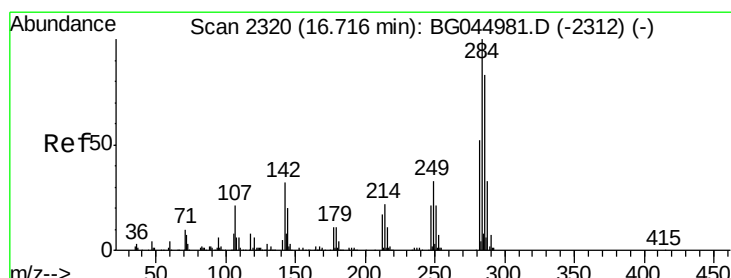
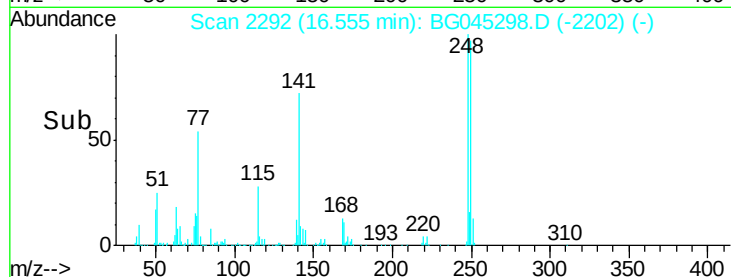
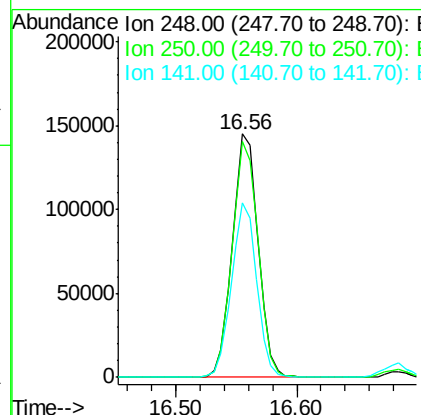
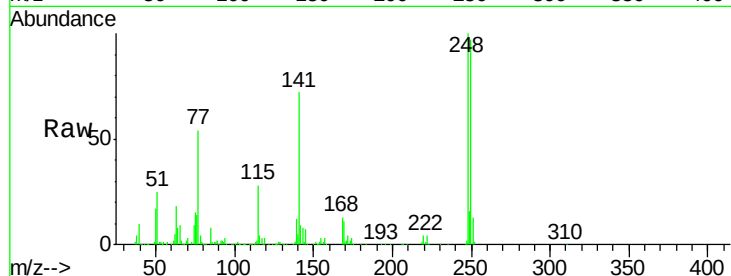
#67
 4-Bromophenyl-phenylether
 Concen: 36.78 ng
 RT: 16.56 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	216579		
250	96.9	75.4	113.2	
141	71.7	54.4	81.6	

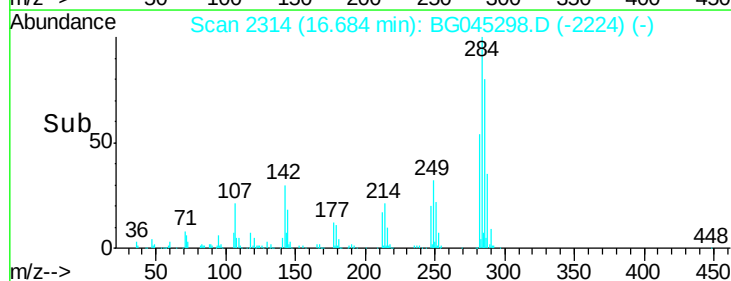
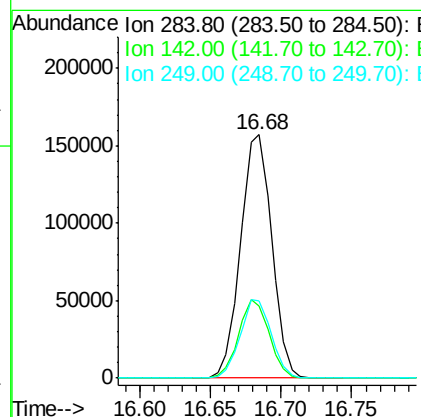
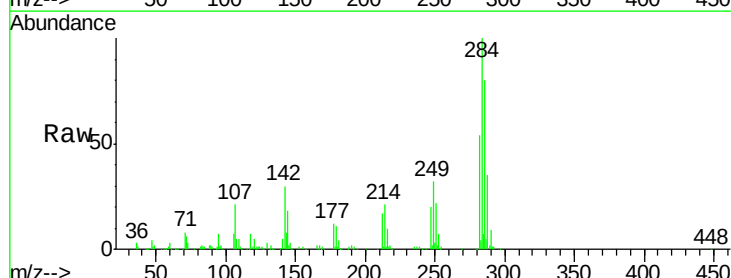
Manual Integrations
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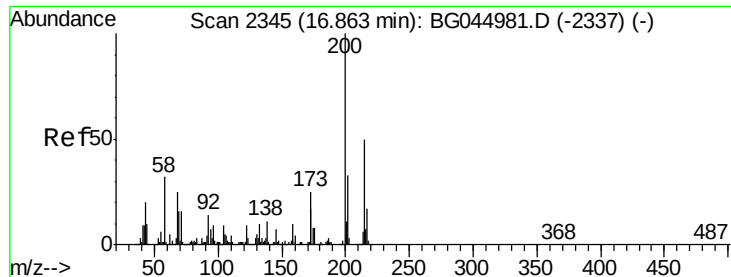
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.78 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	242974		
142	29.9	25.8	38.6	
249	31.8	26.6	39.8	





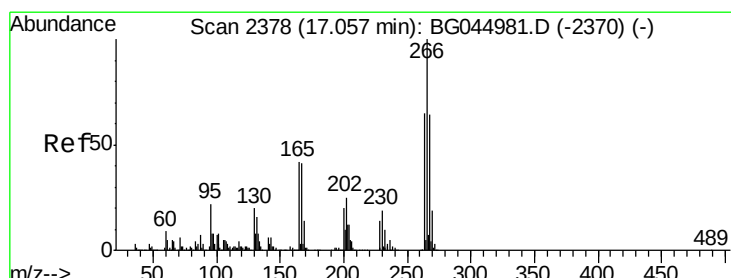
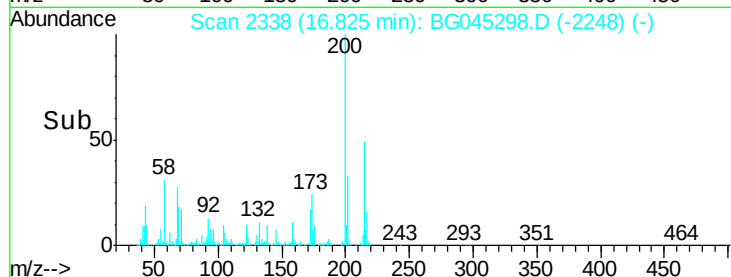
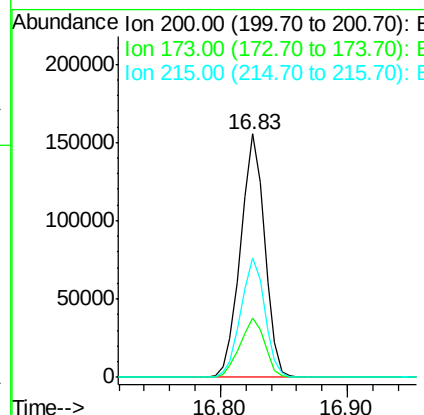
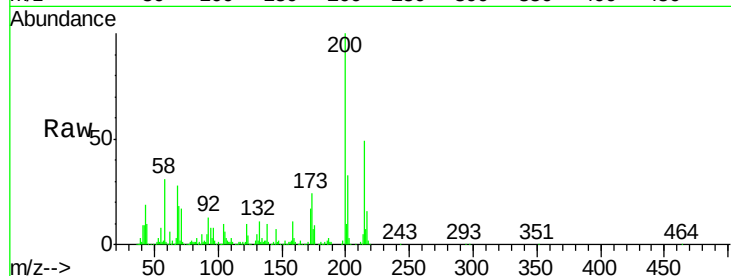
#69
 Atrazine
 Concen: 42.43 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	4.5	44.5
215	48.9	30.0	70.0

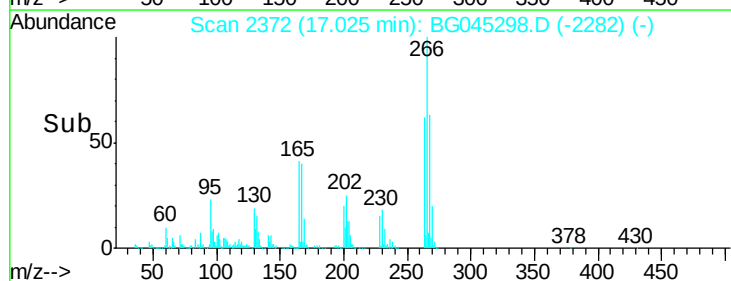
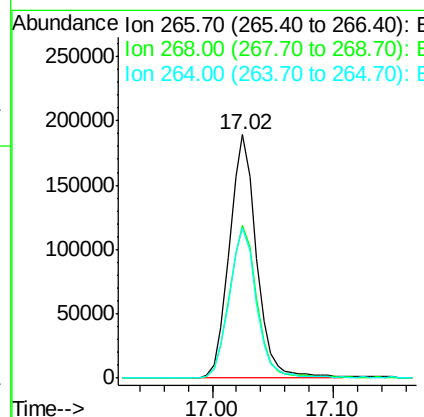
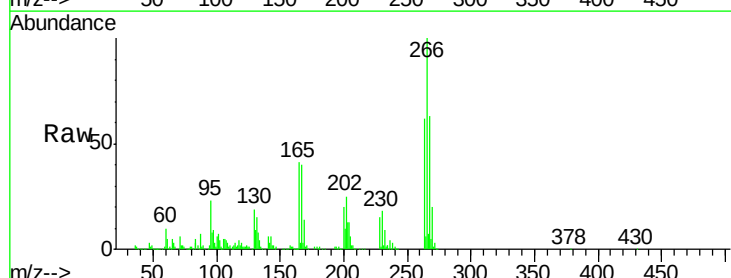
Manual Integrations
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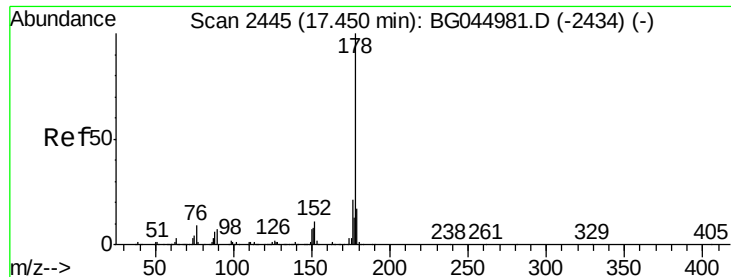
mohammad
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#70
 Pentachlorophenol
 Concen: 78.83 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	51.5	77.3
264	61.6	52.2	78.4





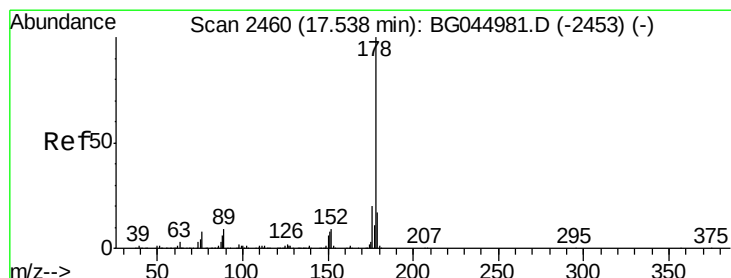
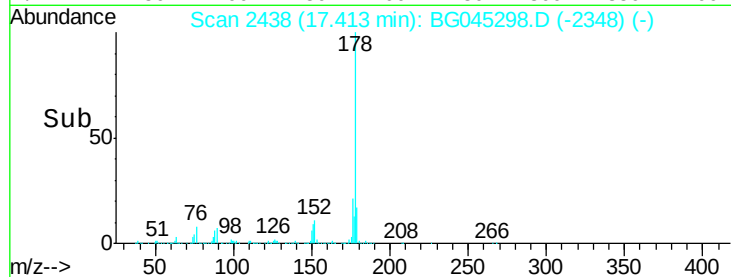
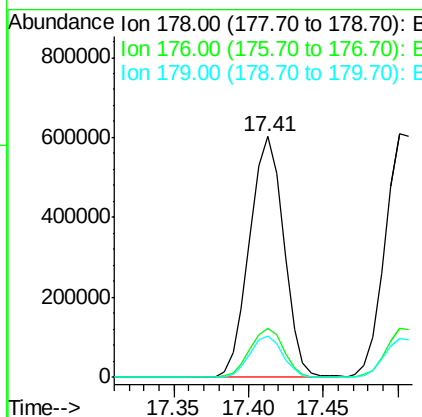
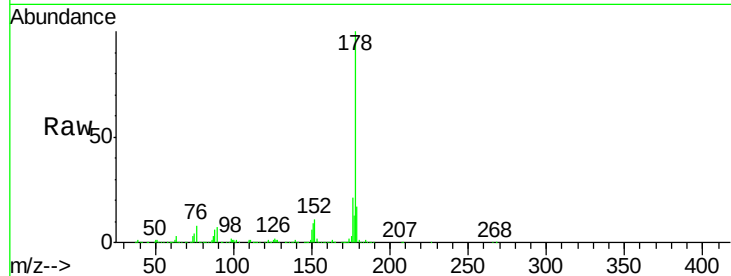
#71
Phenanthrene
Concen: 40.90 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	17.3	13.2	19.8

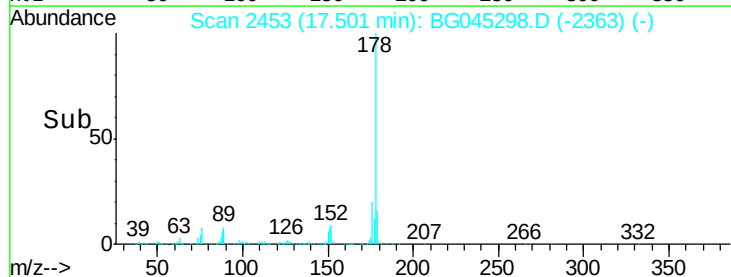
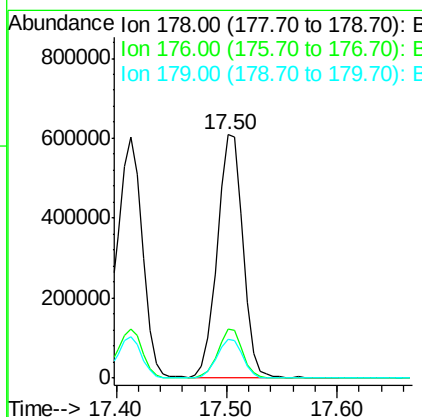
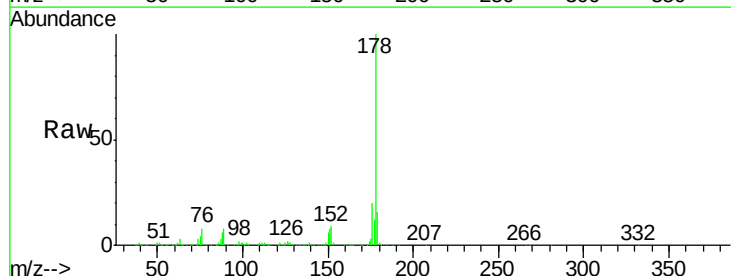
Manual Integrations
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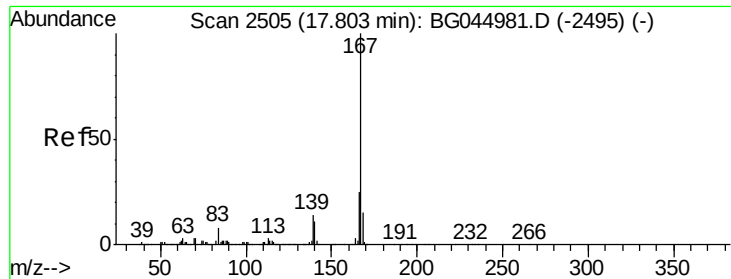
mohammad
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#72
Anthracene
Concen: 41.82 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.1	13.6	20.4





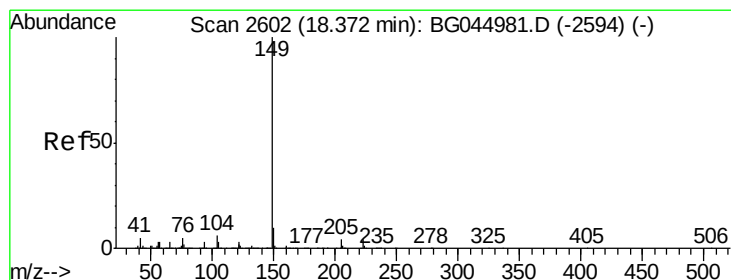
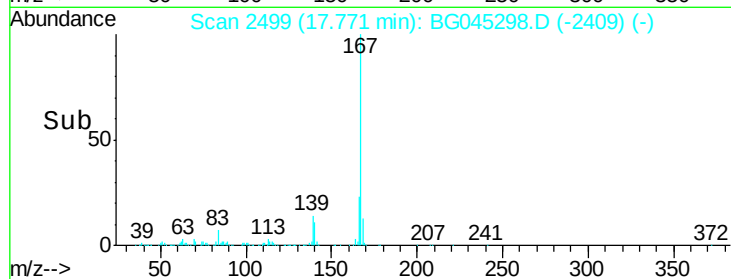
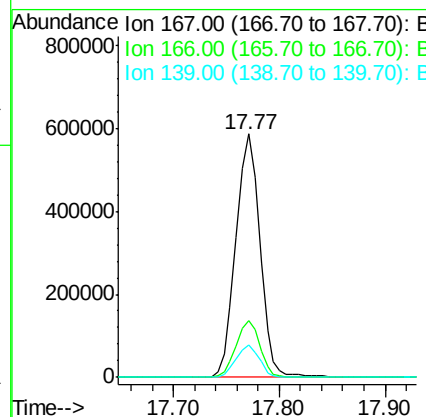
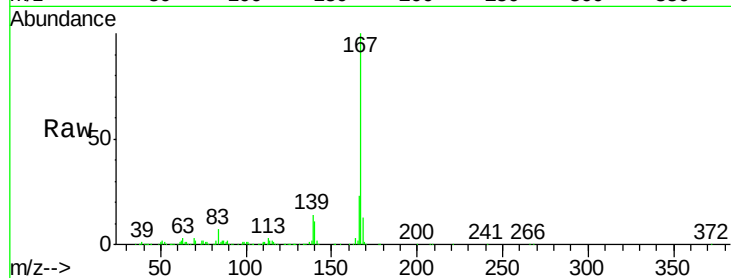
#73
 Carbazole
 Concen: 38.83 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion:	167	Resp:	927168
Ion Ratio	Lower	Upper	
167	100		
166	23.5	19.8	29.6
139	13.5	10.9	16.3

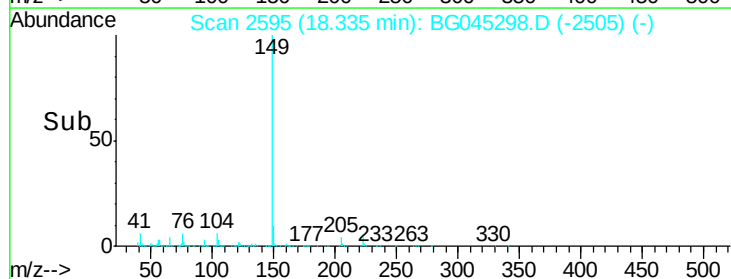
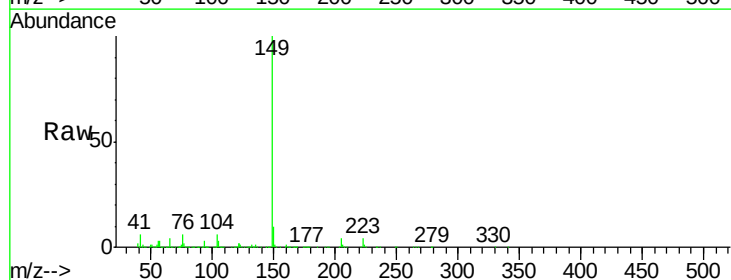
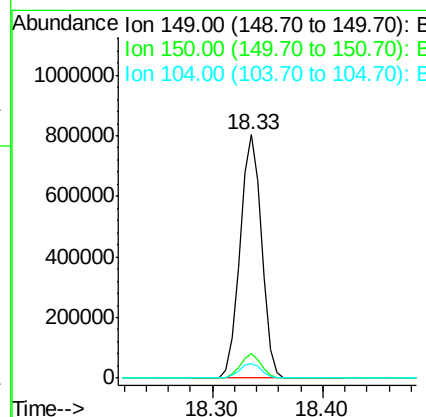
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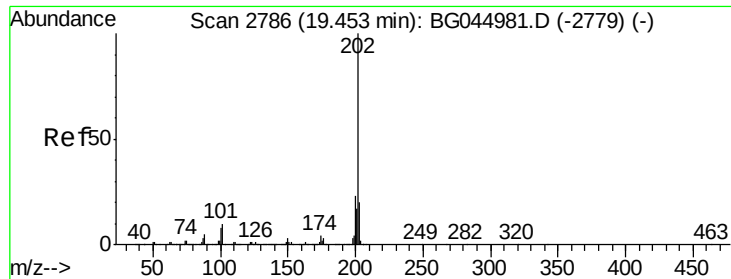
mohammad
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#74
 Di-n-butylphthalate
 Concen: 41.80 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion:	149	Resp:	1097680
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.2	12.2
104	6.2	4.8	7.2





#75

Fluoranthene

Concen: 44.85 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

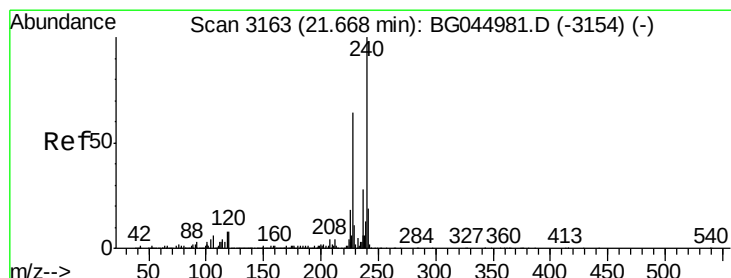
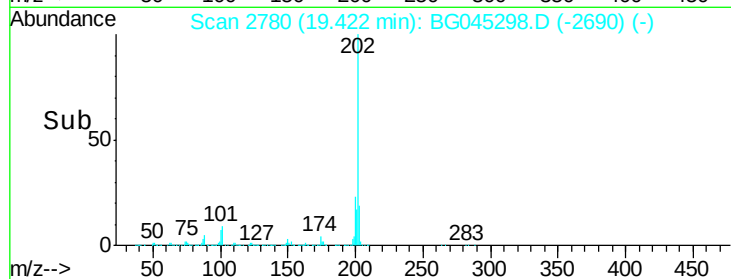
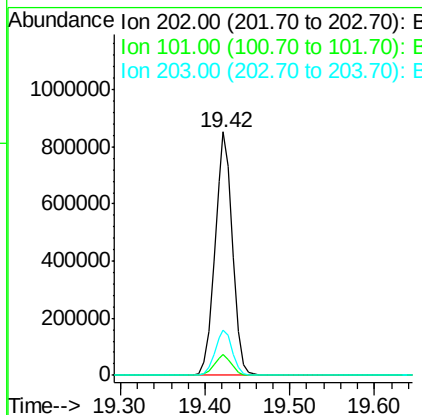
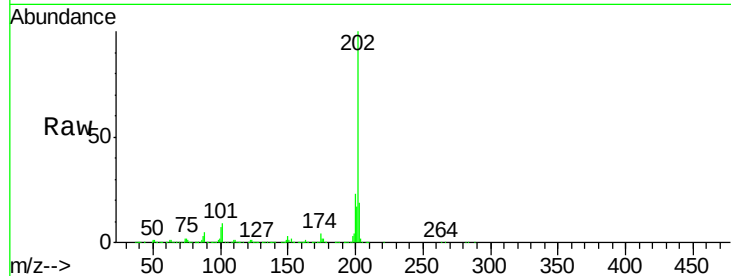
HR-05-050720MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1237094		
101	8.7	0.0	29.6		
203	18.8	0.0	39.7		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.00 ng

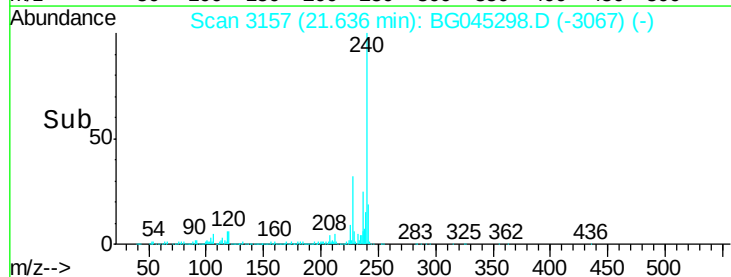
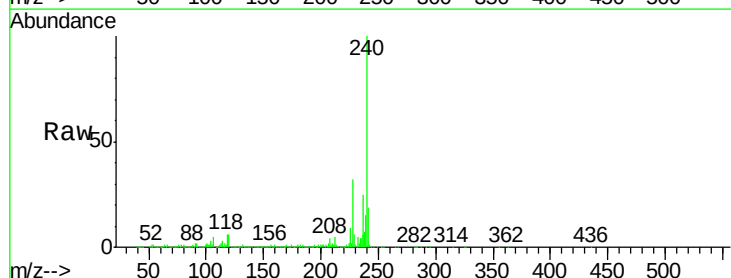
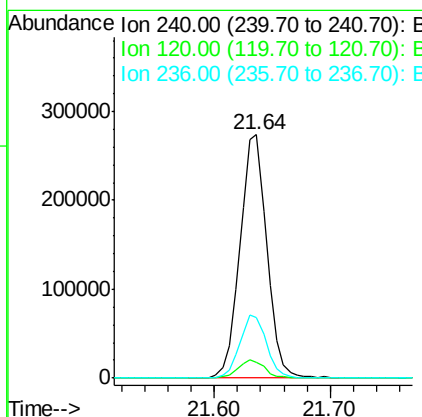
RT: 21.64 min Scan# 3157

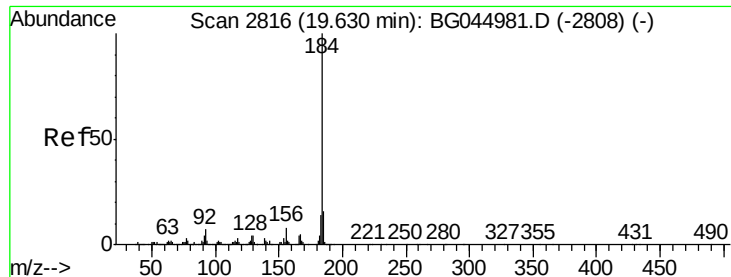
Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		441866		
120	6.4	6.6	10.0#		
236	25.0	22.2	33.2		





#77

Benzidine

Concen: 41.78 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

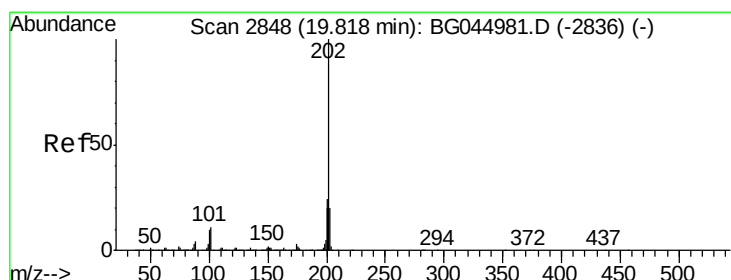
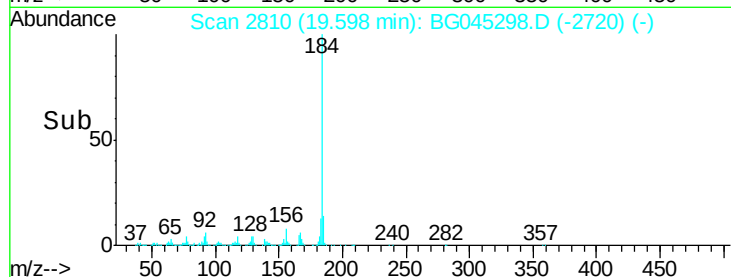
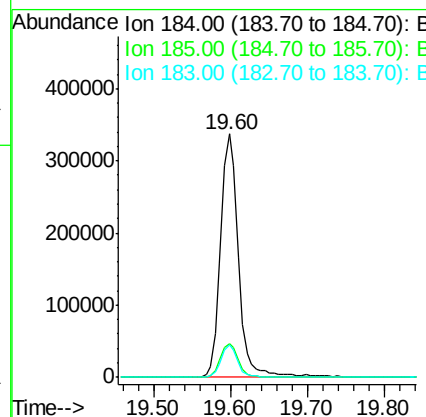
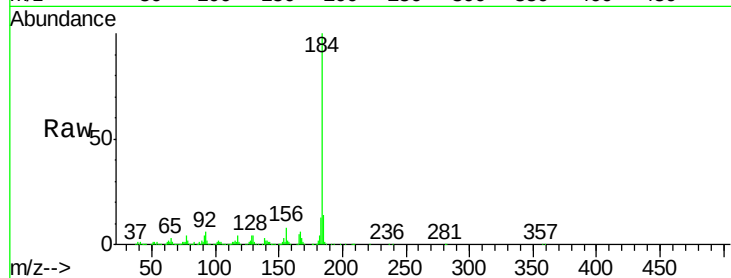
HR-05-050720MSD

Tgt Ion:	184	Resp:	540119
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	19.0
183	13.4	11.3	16.9

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#78

Pyrene

Concen: 39.64 ng

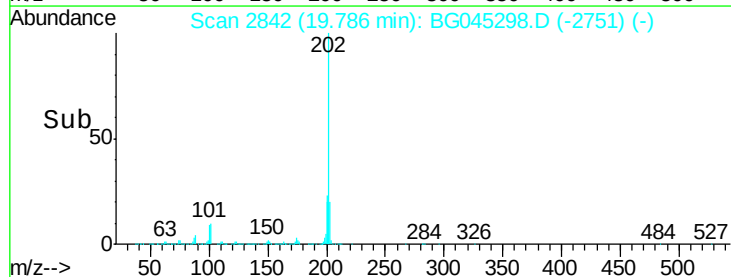
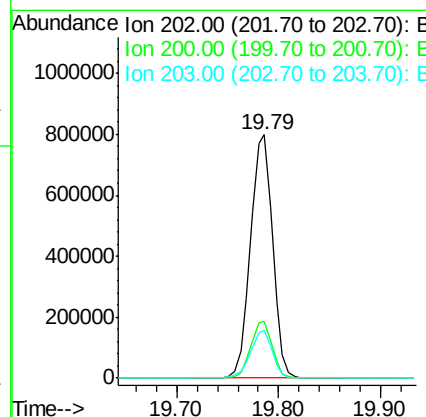
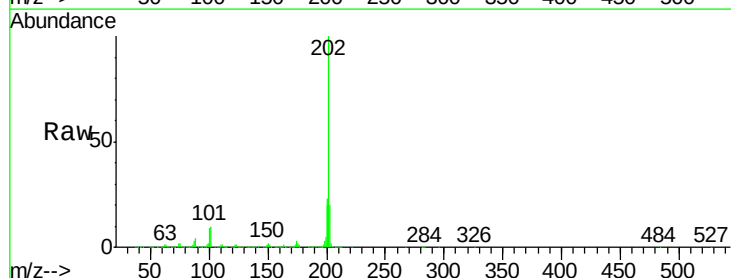
RT: 19.79 min Scan# 2842

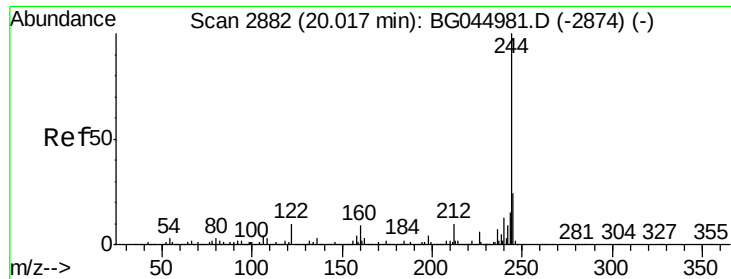
Delta R.T. 0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:	202	Resp:	1207415
Ion Ratio	Lower	Upper	
202	100		
200	23.1	19.0	28.6
203	19.5	16.1	24.1





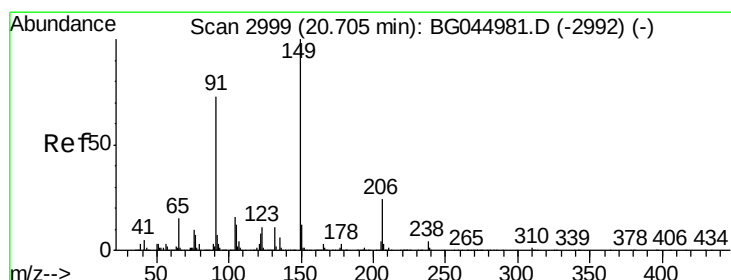
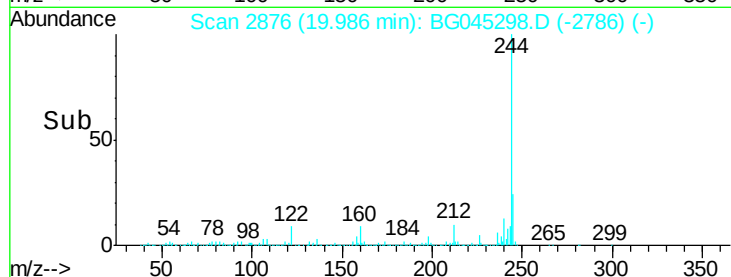
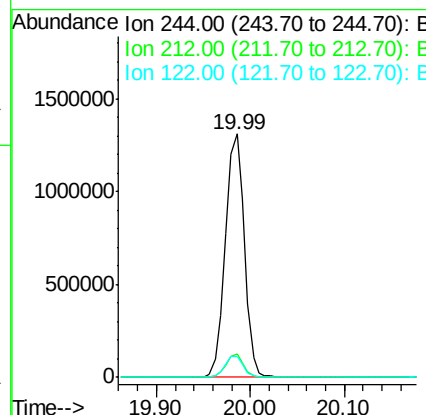
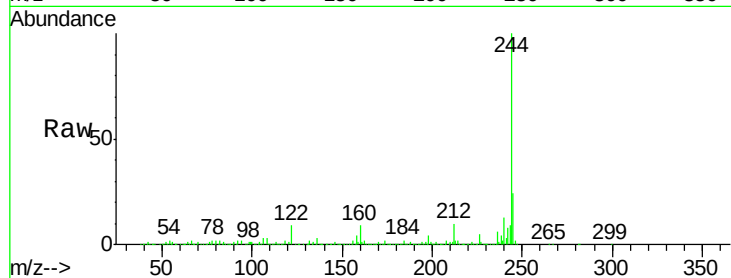
#79
 Terphenyl-d14
 Concen: 91.93 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	8.7	7.7	11.5

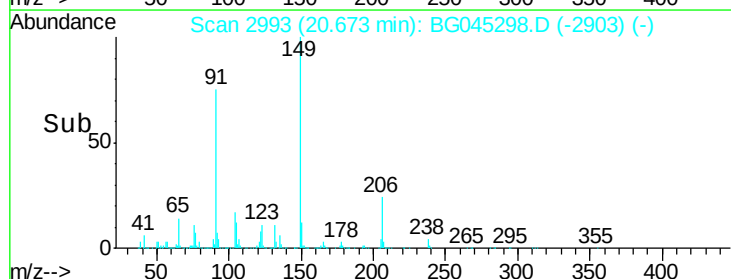
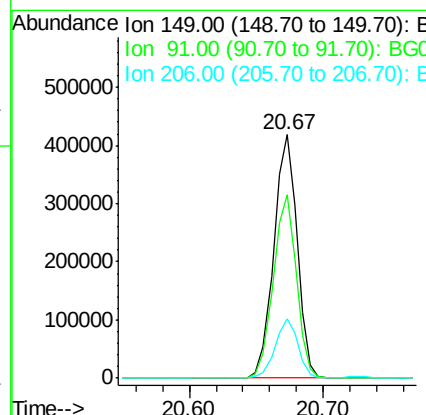
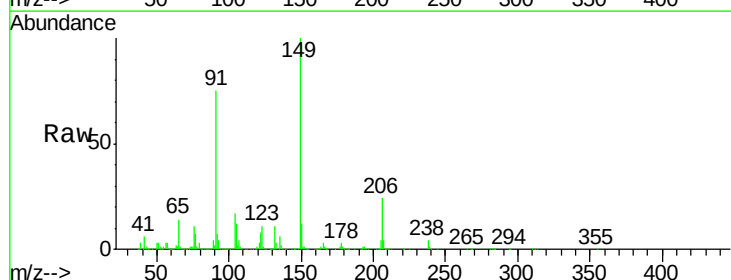
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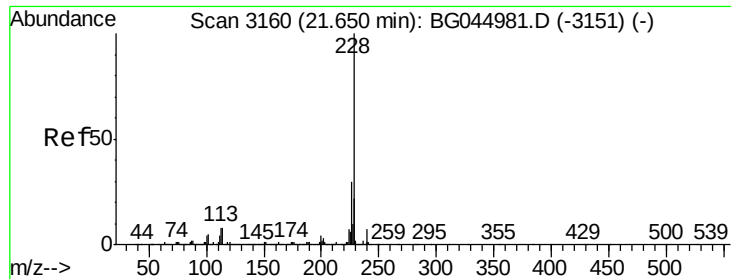
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.44 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.00 min
 Lab File: BG045298.D
 Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.3	58.5	87.7
206	24.4	19.2	28.8





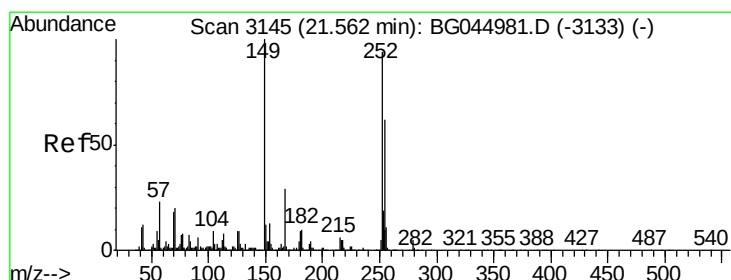
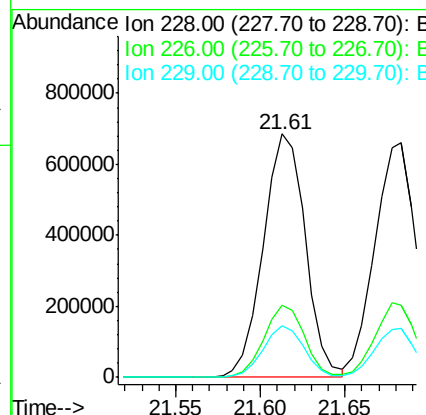
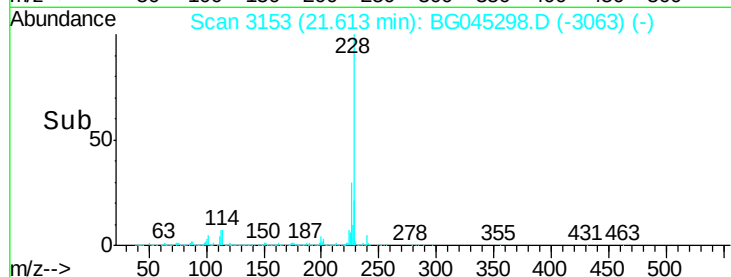
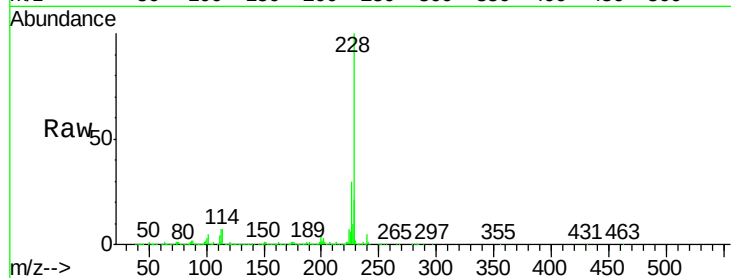
#81
Benzo(a)anthracene
Concen: 41.44 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.1	17.5	26.3

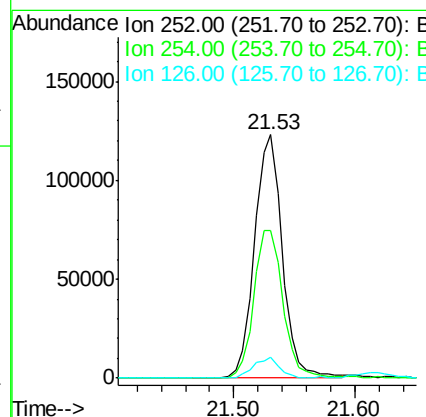
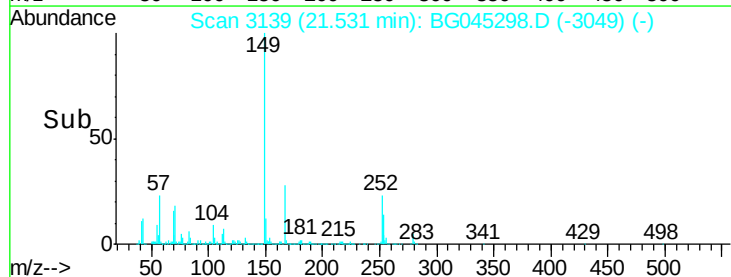
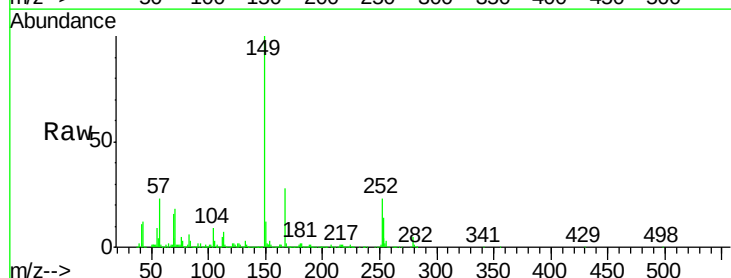
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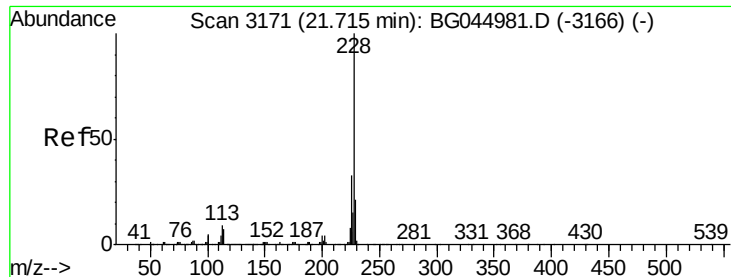
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 17.36 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.8	52.6	79.0
126	8.4	7.5	11.3





#83

Chrysene

Concen: 41.20 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MSD

Tgt Ion:228 Resp: 1133660

Ion Ratio Lower Upper

228 100

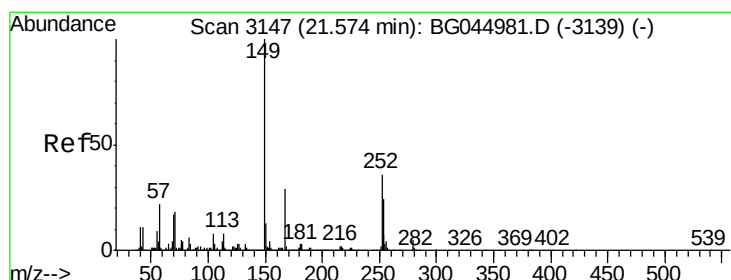
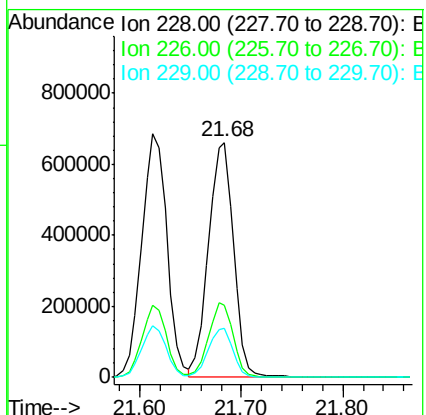
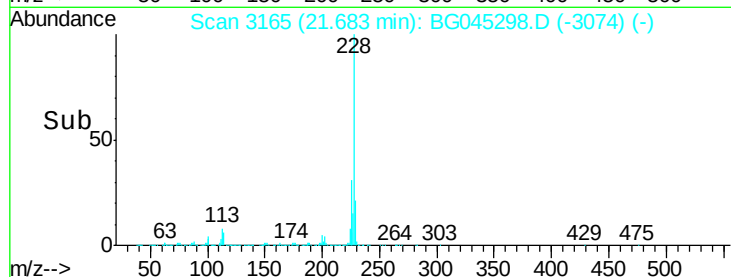
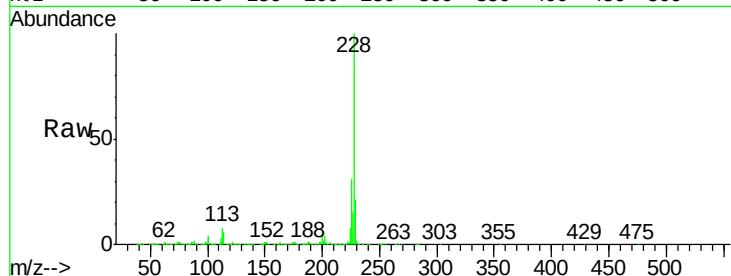
226 30.8 26.2 39.4

229 21.0 17.0 25.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.72 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

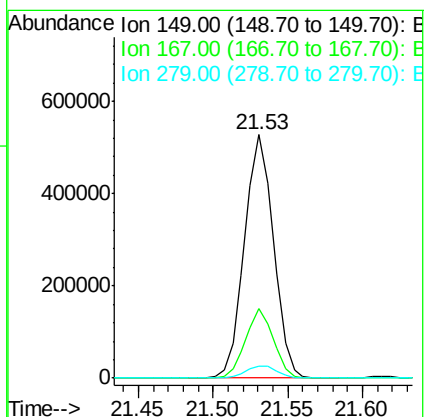
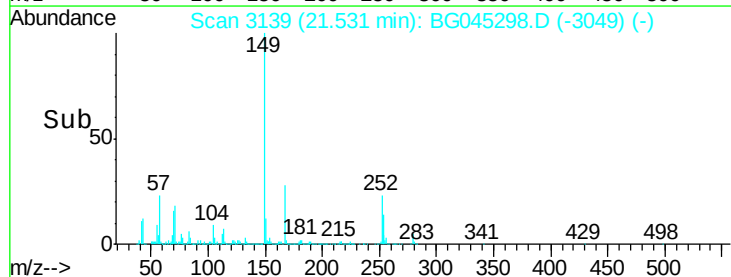
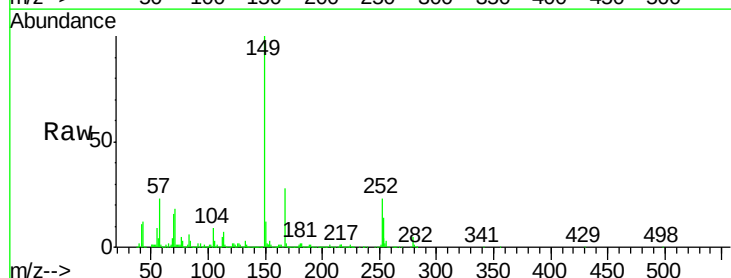
Tgt Ion:149 Resp: 707190

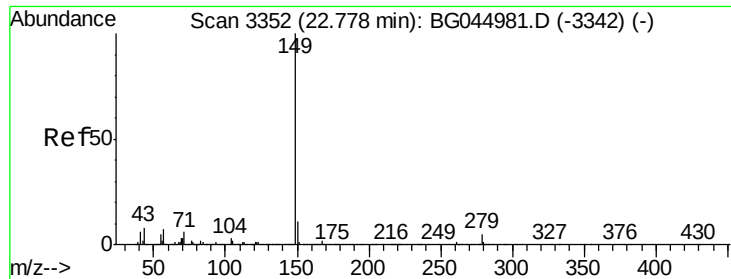
Ion Ratio Lower Upper

149 100

167 28.4 23.4 35.0

279 5.2 4.3 6.5





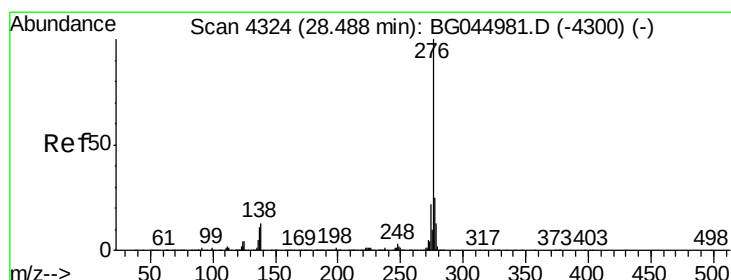
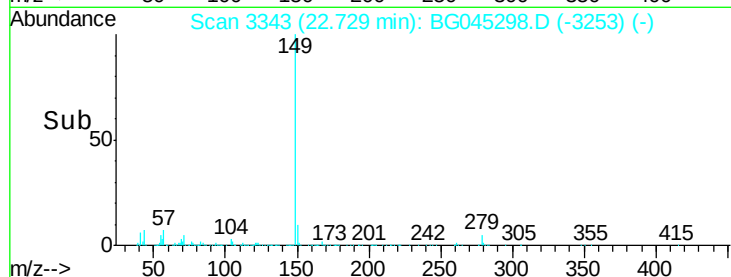
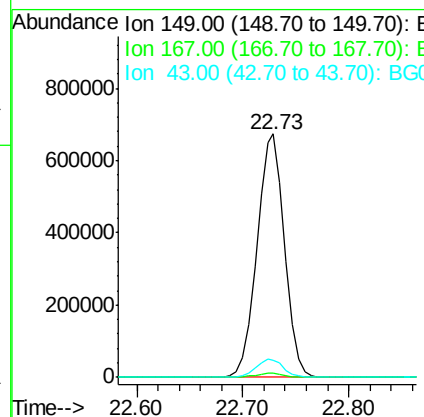
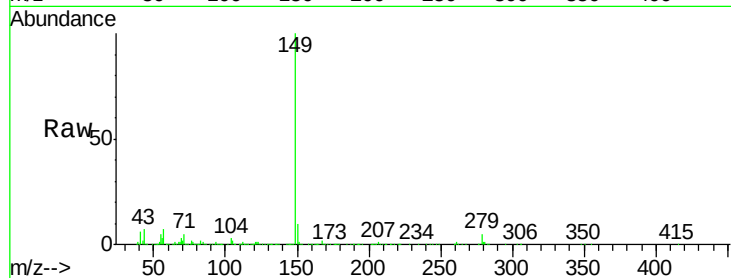
#85
Di-n-octyl phthalate
Concen: 40.34 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.4	5.7	8.5

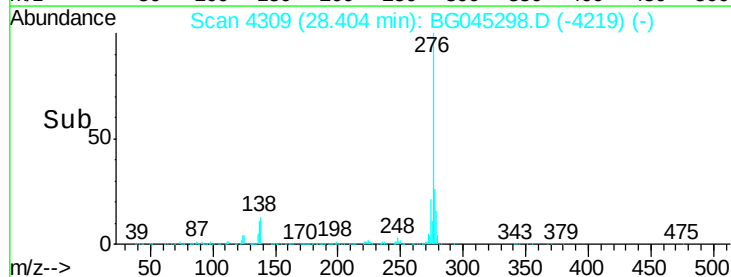
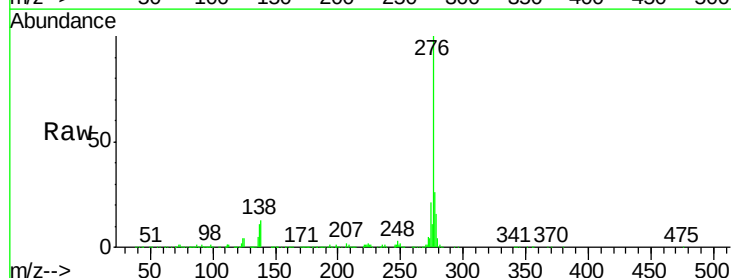
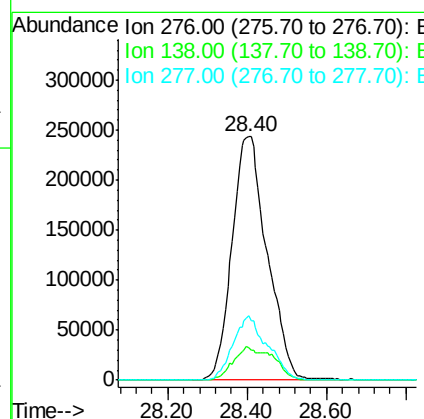
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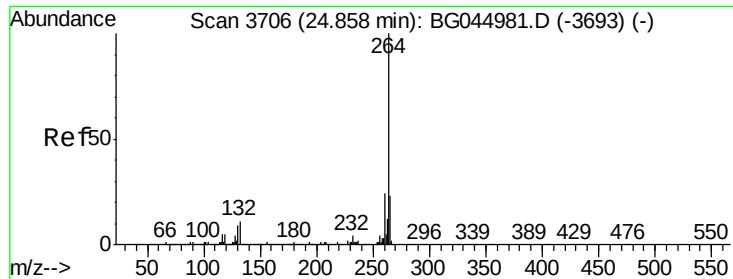
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.04 ng
RT: 28.40 min Scan# 4309
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.6	14.4#
277	25.9	20.6	31.0





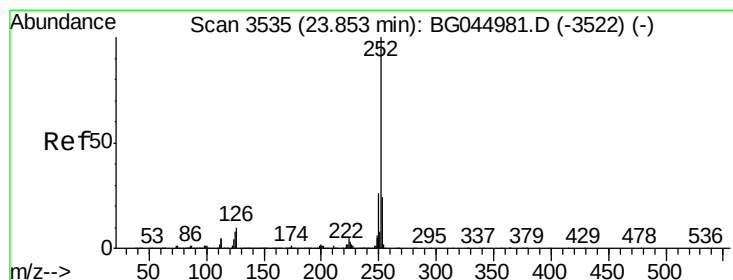
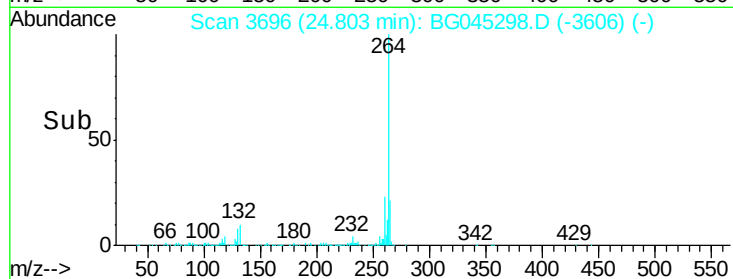
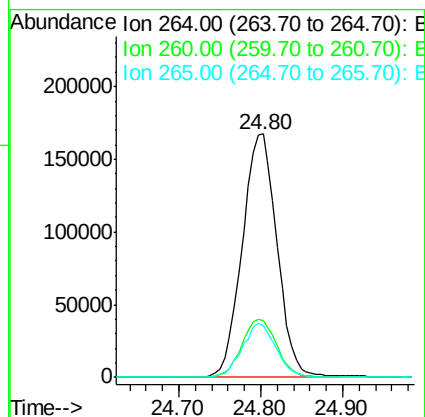
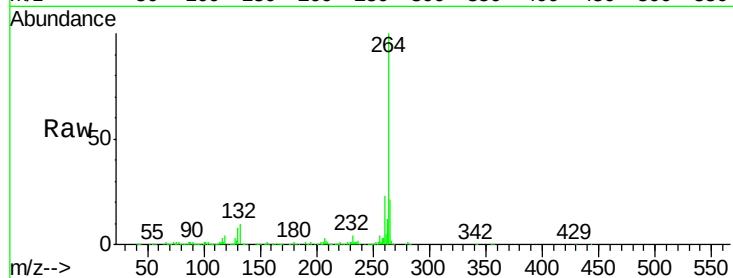
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	19.0	28.4

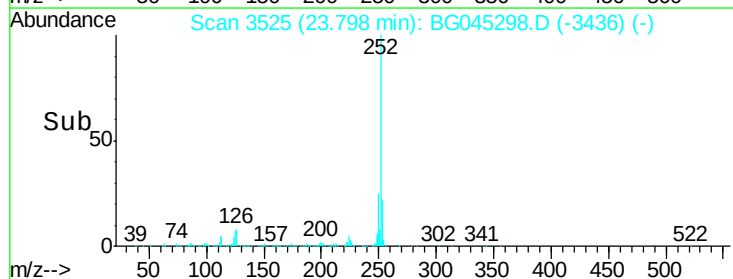
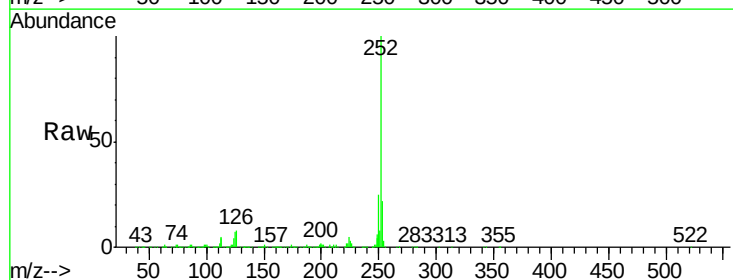
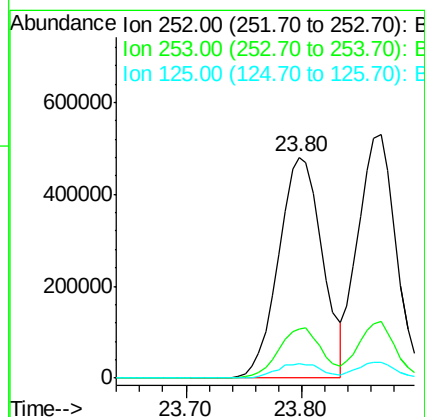
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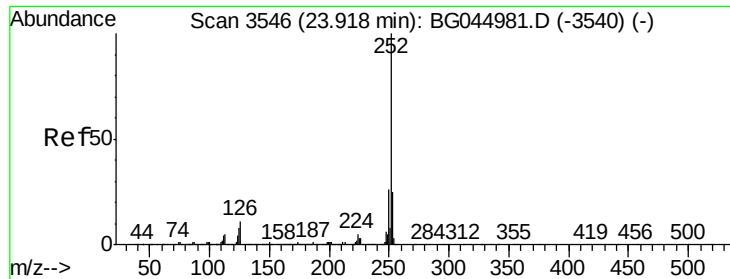
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#88
Benzo(b)fluoranthene
Concen: 40.97 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.8	28.2
125	6.7	6.2	9.4





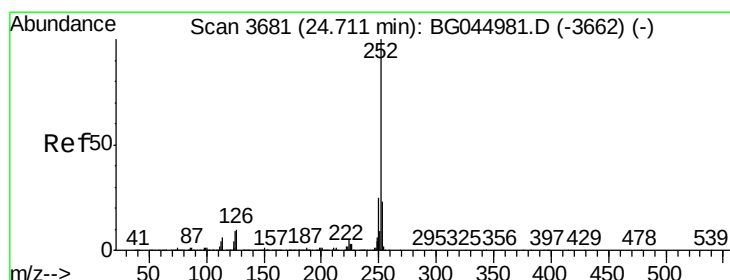
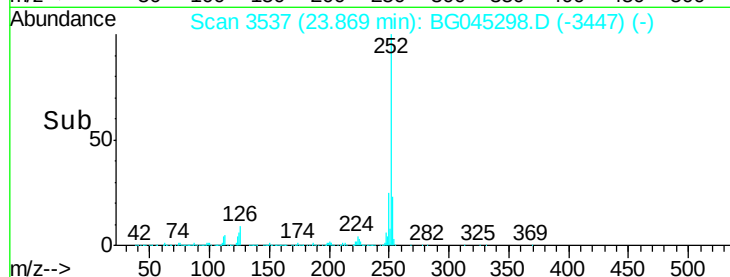
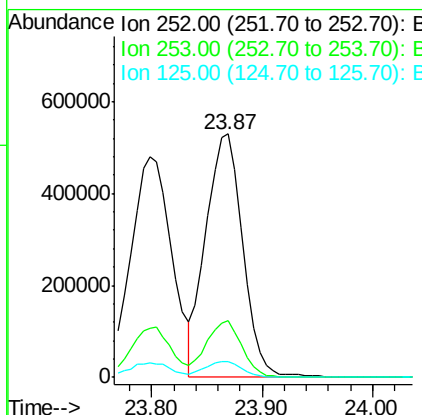
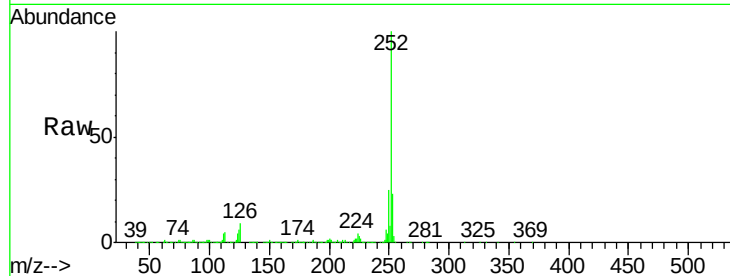
#89
Benzo(k)fluoranthene
Concen: 41.24 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	6.5	5.9	8.9

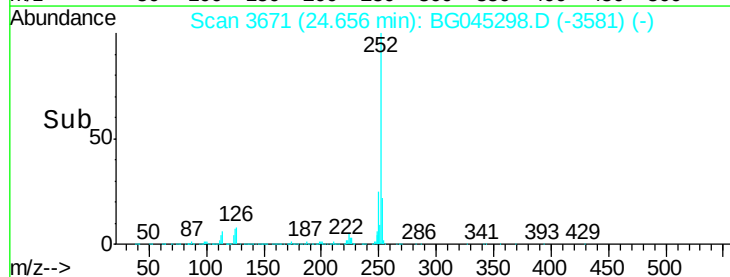
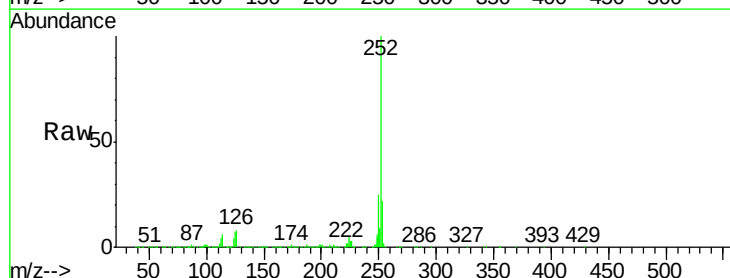
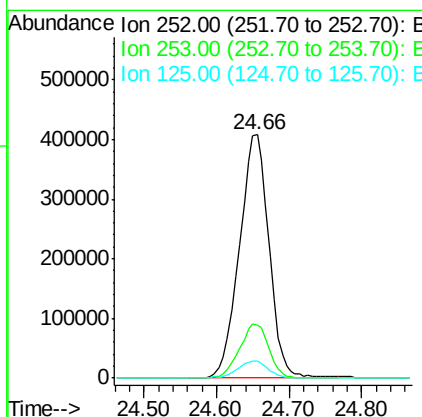
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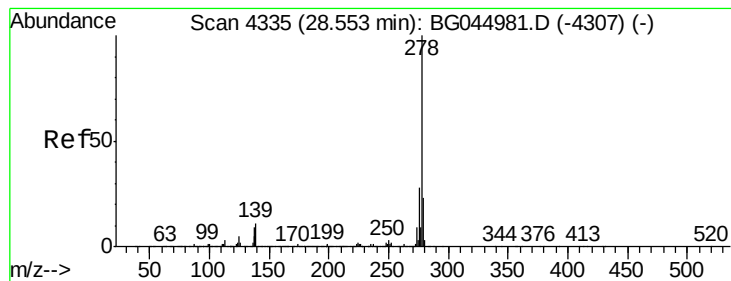
mohammad
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#90
Benzo(a)pyrene
Concen: 39.57 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG045298.D
Acq: 11 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	7.2	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 41.48 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MSD

Tgt Ion:278 Resp: 1222679

Ion Ratio Lower Upper

278 100

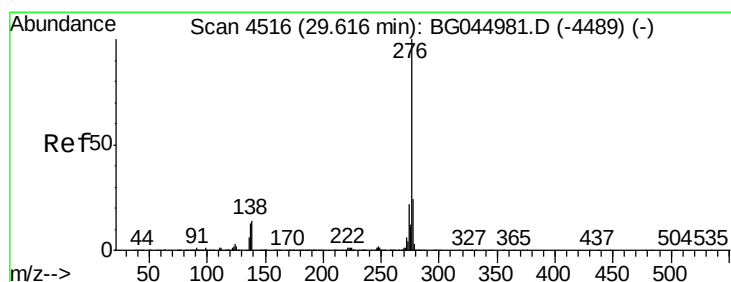
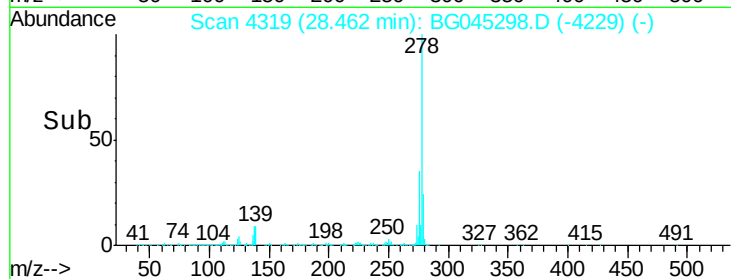
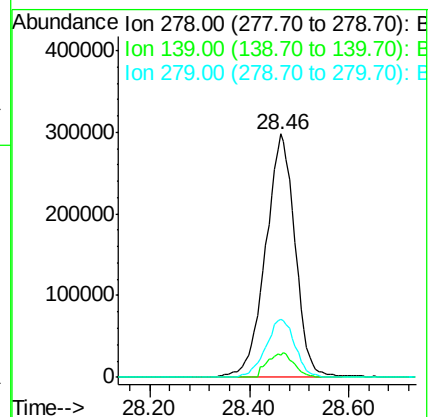
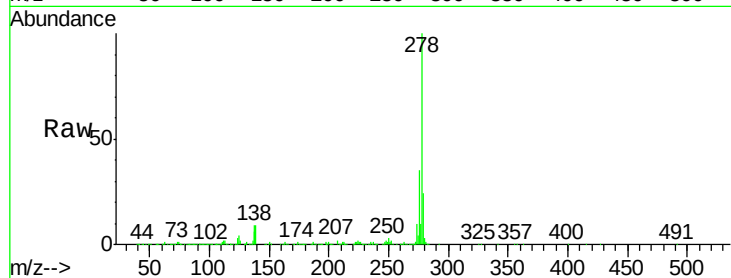
139 9.1 9.0 13.6

279 23.6 18.4 27.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 42.49 ng

RT: 29.53 min Scan# 4500

Delta R.T. -0.00 min

Lab File: BG045298.D

Acq: 11 May 2020 16:03

Tgt Ion:276 Resp: 1255471

Ion Ratio Lower Upper

276 100

277 26.1 19.3 28.9

138 13.6 11.4 17.2

