

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045520.D
 Acq On : 29 May 2020 12:38
 Operator : CG/JU
 Sample : PB129114BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Manual Integrations
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 6/1/2020 12:22:37 PM

Quant Time: May 29 13:17:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	70137	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	285325	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	203134	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	491351	20.00	ng	0.00
76) Chrysene-d12	21.61	240	470062	20.00	ng	0.00
87) Perylene-d12	24.75	264	522090	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	476077	132.65	ng	0.00
7) Phenol-d6	7.16	99	657870	128.79	ng	0.00
23) Nitrobenzene-d5	9.11	82	418553	79.99	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	316250	121.74	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	964702	80.55	ng	0.00
79) Terphenyl-d14	19.96	244	1672305	82.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	60635	34.07	ng	97
3) Pyridine	3.80	79	136733	27.59	ng	98
4) n-Nitrosodimethylamine	3.72	42	60999	37.61	ng	# 96
6) Aniline	7.28	93	171100	25.66	ng	96
8) 2-Chlorophenol	7.53	128	176087	44.74	ng	96
9) Benzaldehyde	7.09	77	116835	35.11	ng	94
10) Phenol	7.19	94	231807	44.03	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	159949	38.95	ng	99
12) 1,3-Dichlorobenzene	7.85	146	182242	38.53	ng	98
13) 1,4-Dichlorobenzene	7.99	146	187424	40.16	ng	97
14) 1,2-Dichlorobenzene	8.31	146	178708	39.81	ng	97
15) Benzyl Alcohol	8.20	79	176345	41.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	151166	38.78	ng	99
17) 2-Methylphenol	8.43	107	157343	39.93	ng	97
18) Hexachloroethane	9.04	117	71495	40.00	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	145051	41.06	ng	98
20) 3+4-Methylphenols	8.76	107	211806m	39.47	ng	
22) Acetophenone	8.77	105	262510	38.82	ng	# 96
24) Nitrobenzene	9.16	77	214143	38.20	ng	96
25) Isophorone	9.68	82	392050	38.05	ng	98
26) 2-Nitrophenol	9.87	139	99057	41.31	ng	94
27) 2,4-Dimethylphenol	9.95	122	166962	46.94	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	220397	40.78	ng	100
29) 2,4-Dichlorophenol	10.43	162	180042	42.87	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	193637	39.02	ng	95
31) Naphthalene	10.81	128	532757	40.07	ng	99
32) Benzoic acid	10.13	122	107362	45.14	ng	98
33) 4-Chloroaniline	10.93	127	68254	12.28	ng	99
34) Hexachlorobutadiene	11.11	225	132187	37.68	ng	96
35) Caprolactam	11.69	113	59928m	38.87	ng	
36) 4-Chloro-3-methylphenol	12.08	107	199494	42.15	ng	94
37) 2-Methylnaphthalene	12.42	142	406424	41.01	ng	99
38) 1-Methylnaphthalene	12.64	142	379948m	40.59	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	227274	40.06	ng	99

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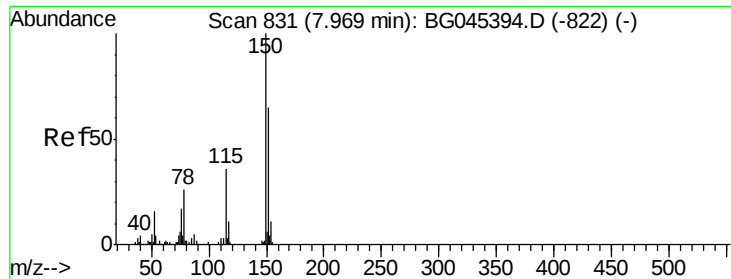
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	265916	81.20	ng	96
43) 2,4,6-Trichlorophenol	13.04	196	156173	39.62	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	172162	38.22	ng	93
46) 1,1'-Biphenyl	13.43	154	522089	41.83	ng	99
47) 2-Chloronaphthalene	13.47	162	395209	38.99	ng	99
48) 2-Nitroaniline	13.68	65	126902	38.06	ng	92
49) Acenaphthylene	14.32	152	667784	41.02	ng	100
50) Dimethylphthalate	14.06	163	539819	38.74	ng	99
51) 2,6-Dinitrotoluene	14.17	165	122770	39.04	ng	97
52) Acenaphthene	14.67	154	494095m	45.34	ng	
53) 3-Nitroaniline	14.51	138	59374	18.58	ng	92
54) 2,4-Dinitrophenol	14.71	184	150745	73.65	ng	99
55) Dibenzofuran	15.00	168	639932	39.54	ng	96
56) 4-Nitrophenol	14.87	139	190469	78.71	ng	95
57) 2,4-Dinitrotoluene	14.97	165	178556	39.21	ng	96
58) Fluorene	15.65	166	532312	40.04	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	159367	40.22	ng	97
60) Diethylphthalate	15.42	149	557253	38.42	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	289627	38.07	ng	99
62) 4-Nitroaniline	15.68	138	123100	36.89	ng	97
63) Azobenzene	15.93	77	537216	39.72	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	114608	40.05	ng	96
66) n-Nitrosodiphenylamine	15.86	169	474810	40.25	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	206341	38.78	ng	99
68) Hexachlorobenzene	16.66	284	221790	39.86	ng	98
69) Atrazine	16.81	200	184674	38.01	ng	99
70) Pentachlorophenol	17.01	266	240465	83.22	ng	97
71) Phenanthrene	17.39	178	864199	40.29	ng	99
72) Anthracene	17.48	178	893997	41.50	ng	98
73) Carbazole	17.76	167	825646	39.32	ng	98
74) Di-n-butylphthalate	18.31	149	991087	39.33	ng	100
75) Fluoranthene	19.40	202	1085978	39.80	ng	99
77) Benzidine	19.58	184	526629	39.89	ng	99
78) Pyrene	19.77	202	1090319	40.69	ng	100
80) Butylbenzylphthalate	20.65	149	444382	38.42	ng	99
81) Benzo(a)anthracene	21.59	228	1060955	40.52	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	233014	22.69	ng	99
83) Chrysene	21.65	228	1000671	39.74	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	623109	39.19	ng	98
85) Di-n-octyl phthalate	22.69	149	1060399	38.83	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1314897	39.94	ng	# 95
88) Benzo(b)fluoranthene	23.76	252	1138737	40.67	ng	99
89) Benzo(k)fluoranthene	23.83	252	1084470	41.23	ng	99
90) Benzo(a)pyrene	24.61	252	1033173	39.62	ng	99
91) Dibenzo(a,h)anthracene	28.39	278	1079729	41.20	ng	98
92) Benzo(g,h,i)perylene	29.45	276	1093996	41.74	ng	99

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



#1

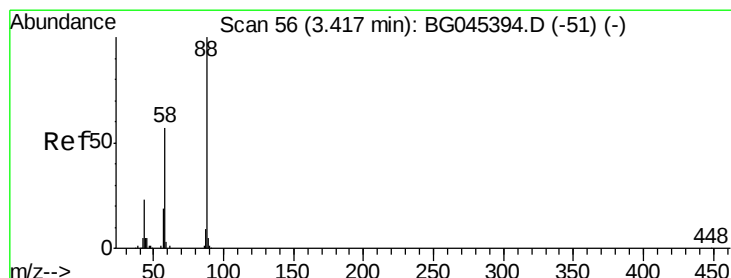
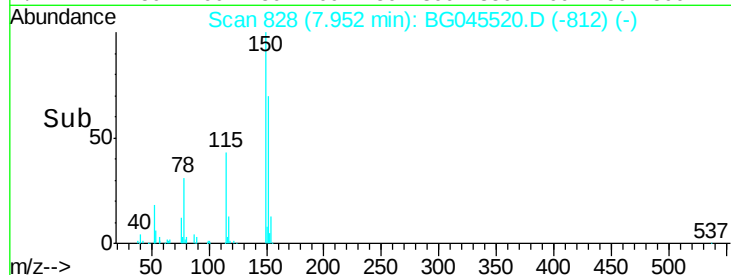
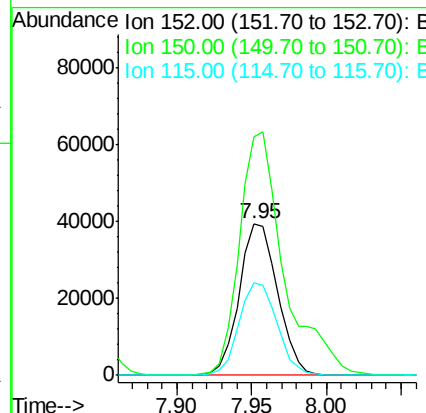
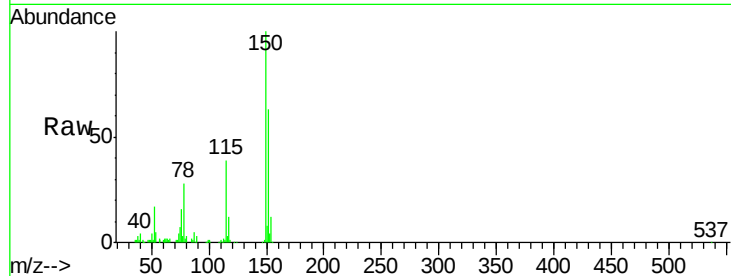
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
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PB129114BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.4	183.6
115	61.0	44.2	66.4

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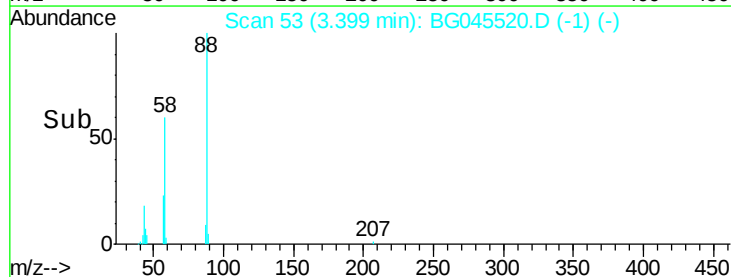
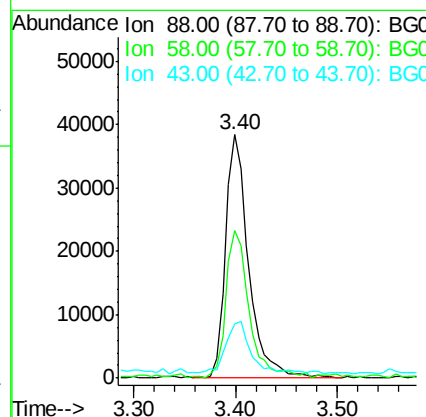
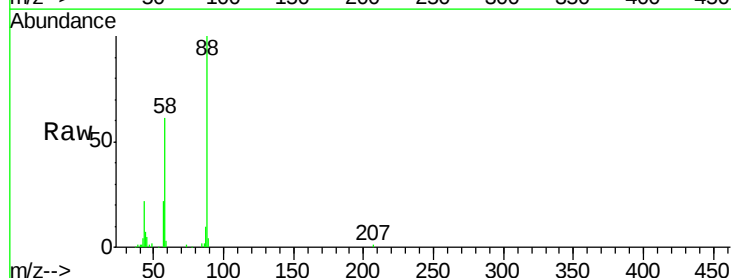
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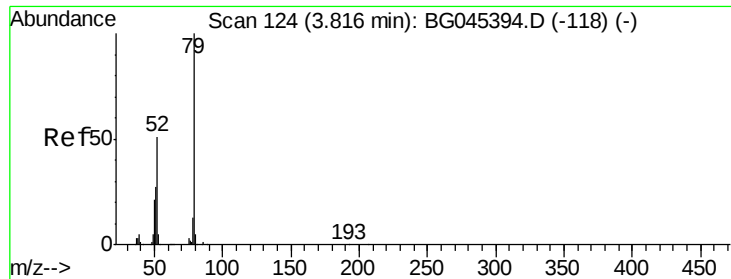


#2

1,4-Dioxane
Concen: 34.07 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	45.7	68.5
43	20.8	16.8	25.2





#3

Pyridine

Concen: 27.59 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

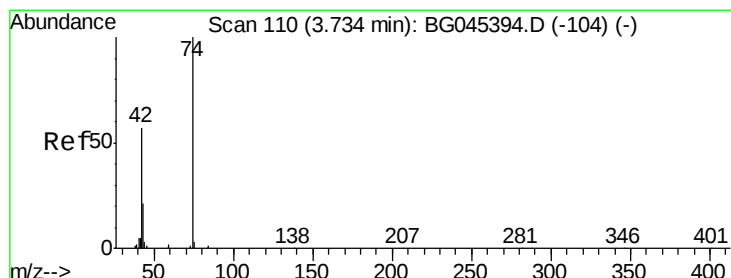
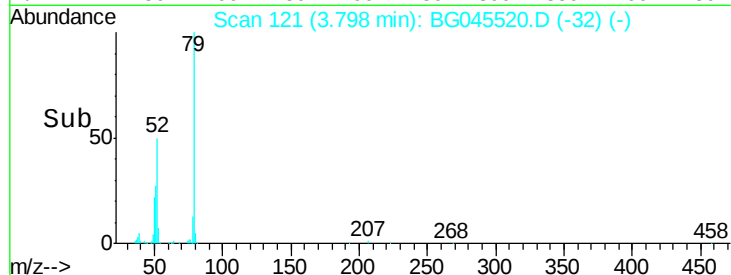
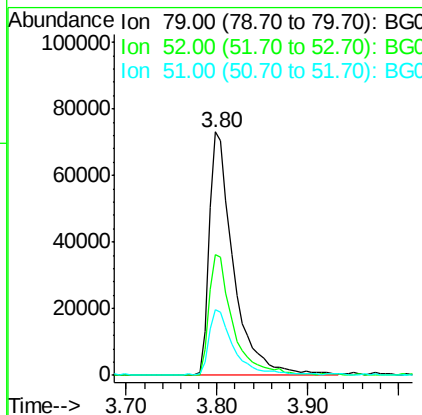
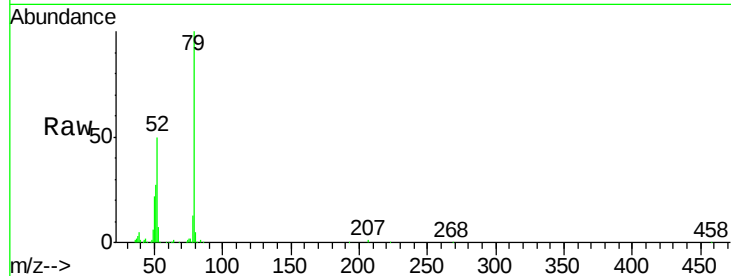
ClientSampleId :

PB129114BS

Tgt Ion:	79	Resp:	136733
Ion Ratio	Lower	Upper	
79	100		
52	49.6	40.8	61.2
51	26.9	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 37.61 ng

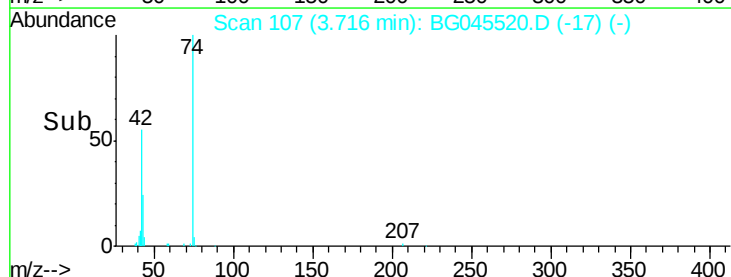
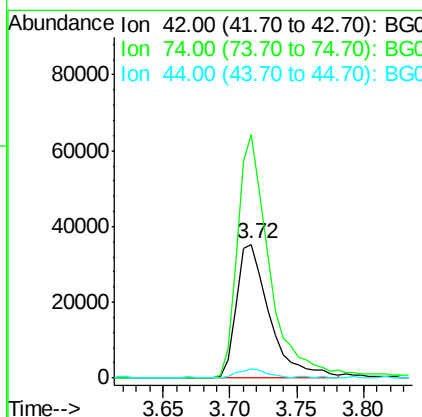
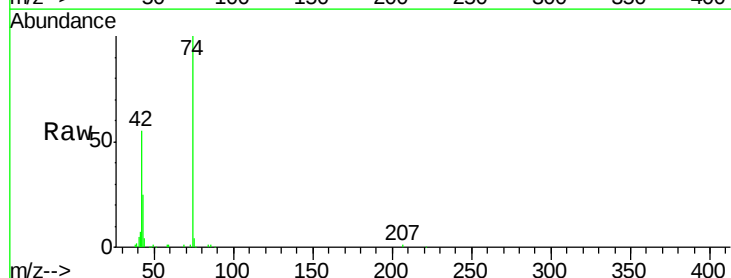
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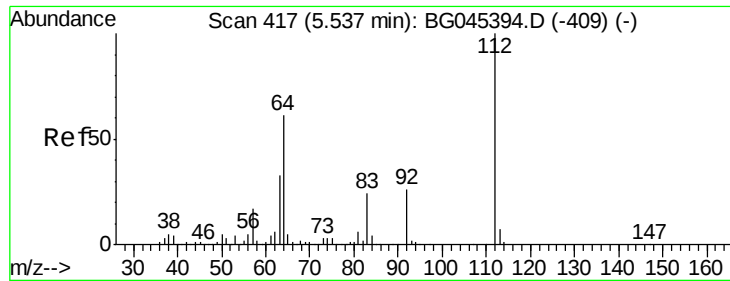
Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:	42	Resp:	60999
Ion Ratio	Lower	Upper	
42	100		
74	181.6	141.3	211.9
44	6.9	4.2	6.4





#5

2-Fluorophenol

Concen: 132.65 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

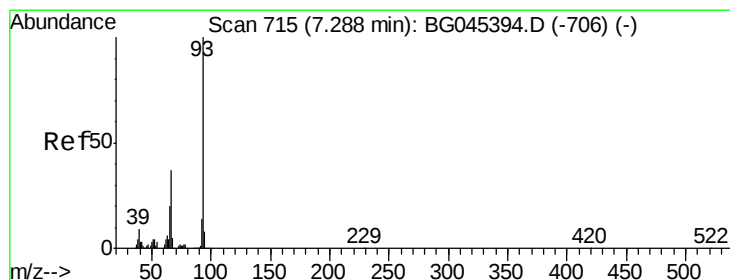
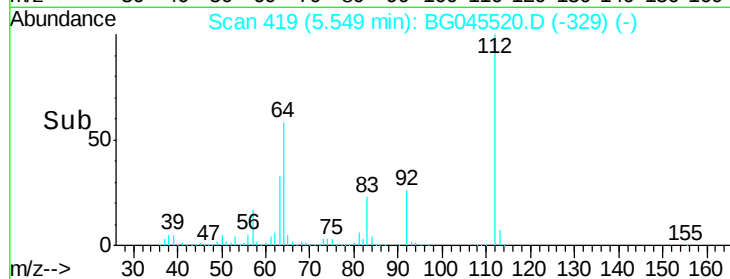
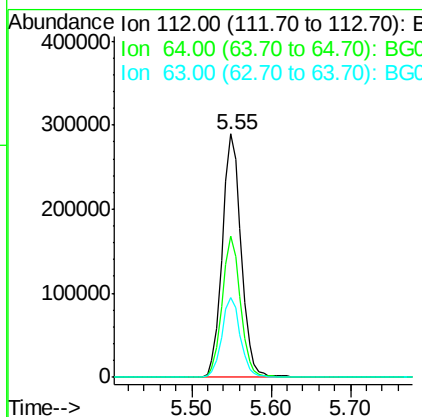
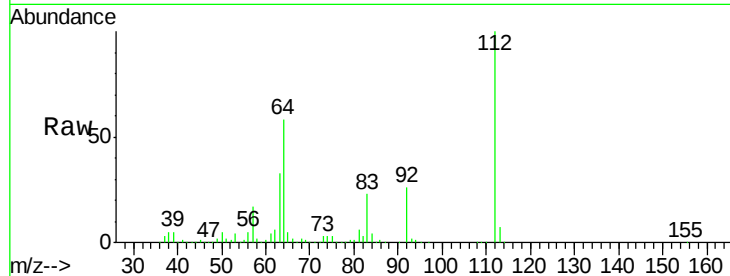
ClientSampleId :

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Tgt Ion:	112	Resp:	476077
Ion Ratio	Lower	Upper	
112	100		
64	58.1	48.6	72.8
63	32.8	26.5	39.7

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#6

Aniline

Concen: 25.66 ng

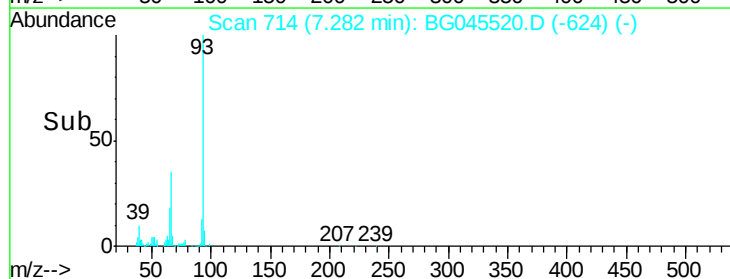
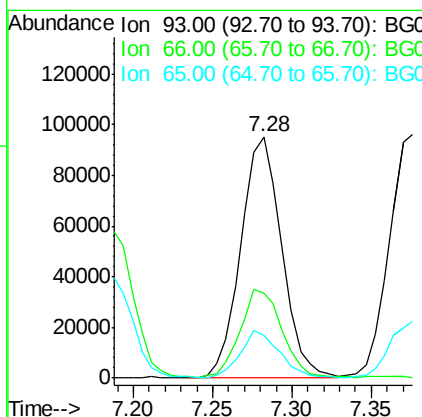
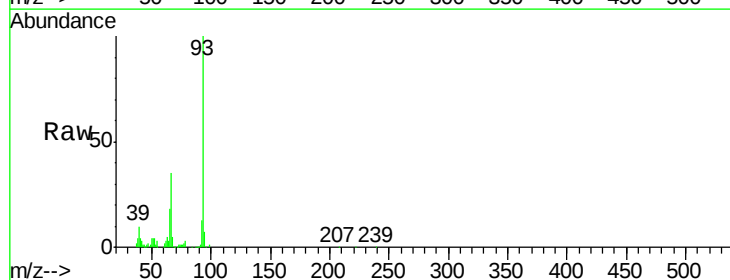
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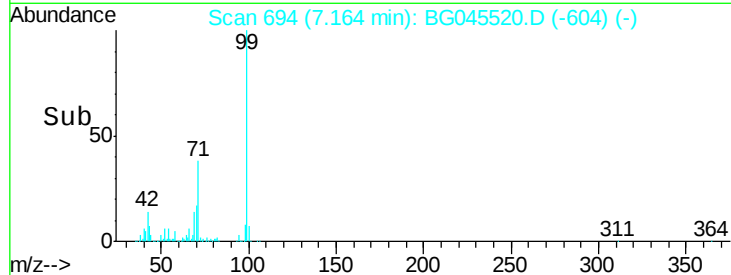
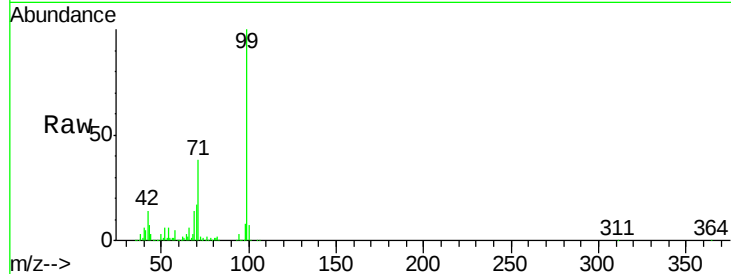
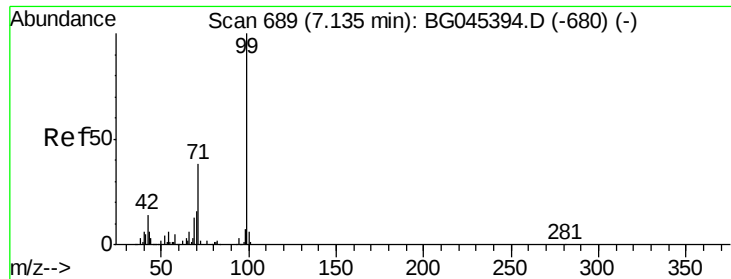
Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:	93	Resp:	171100
Ion Ratio	Lower	Upper	
93	100		
66	35.1	29.6	44.4
65	17.7	15.9	23.9





#7

Phenol-d6

Concen: 128.79 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	657870		
42	14.1	11.3	16.9	
71	38.4	30.8	46.2	

Instrument :

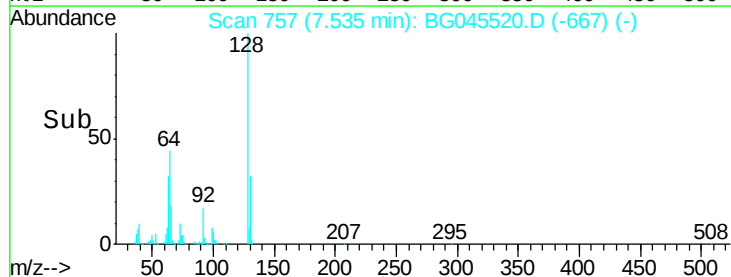
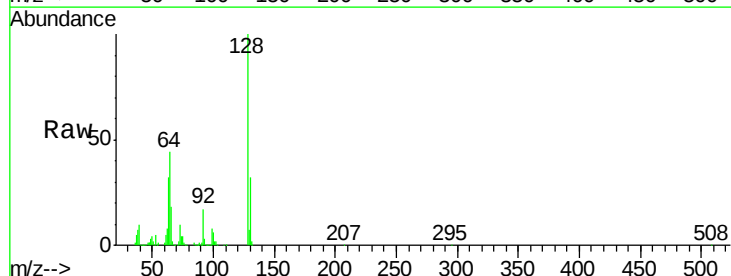
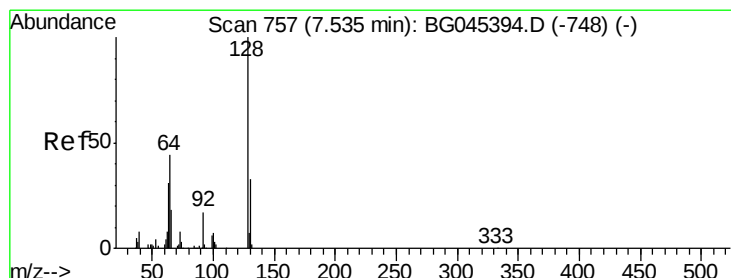
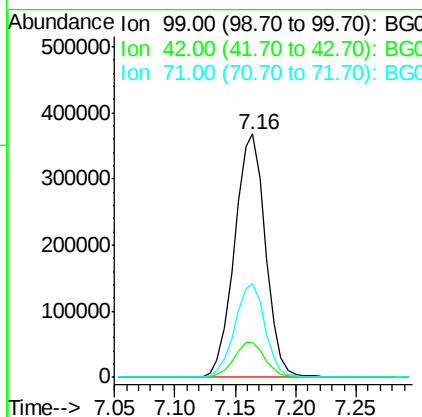
BNA_G

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#8

2-Chlorophenol

Concen: 44.74 ng

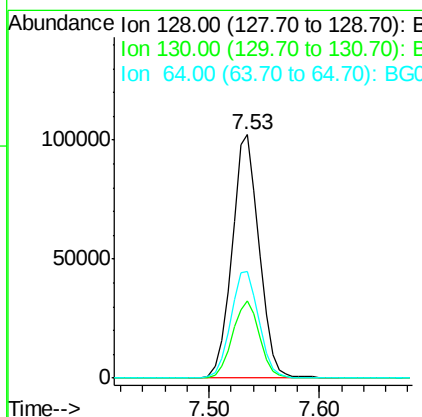
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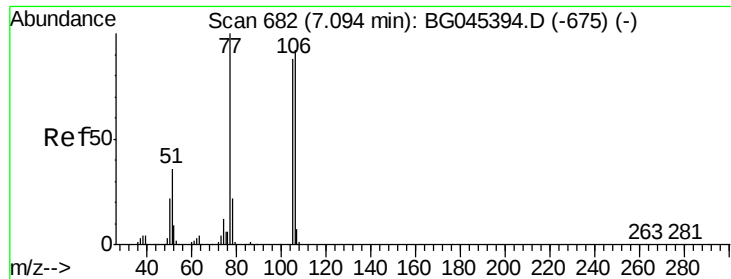
Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	176087		
130	31.7	12.6	52.6	
64	43.8	27.0	67.0	





#9

Benzaldehyde

Concen: 35.11 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

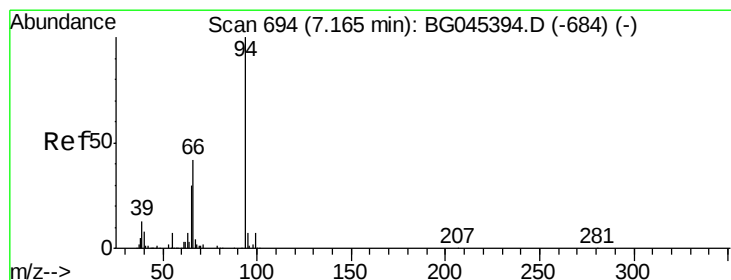
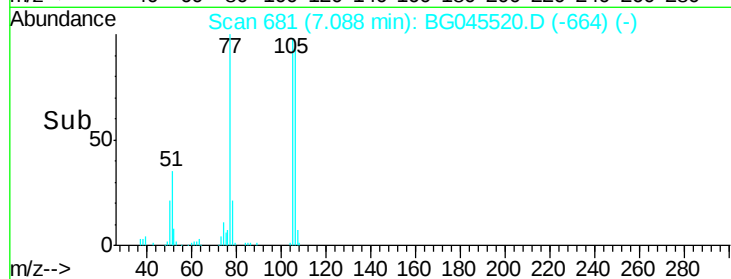
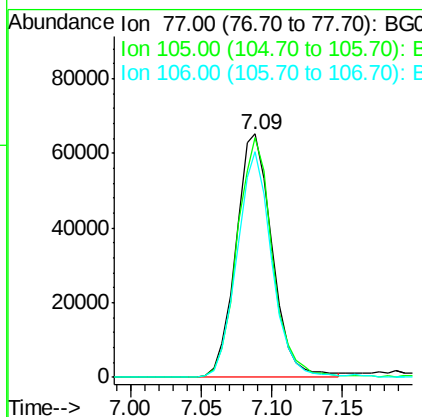
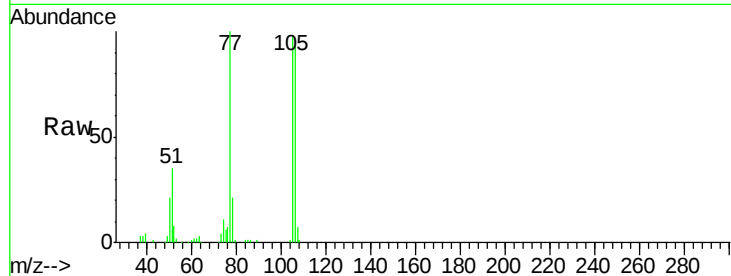
ClientSampleId :

PB129114BS

Tgt Ion:	77	Resp:	116835
Ion Ratio	Lower	Upper	
77	100		
105	98.4	68.5	108.5
106	92.9	71.6	111.6

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#10

Phenol

Concen: 44.03 ng

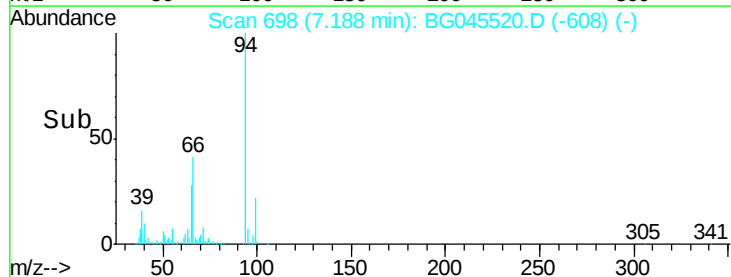
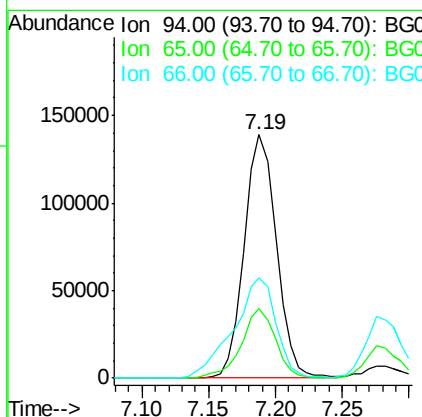
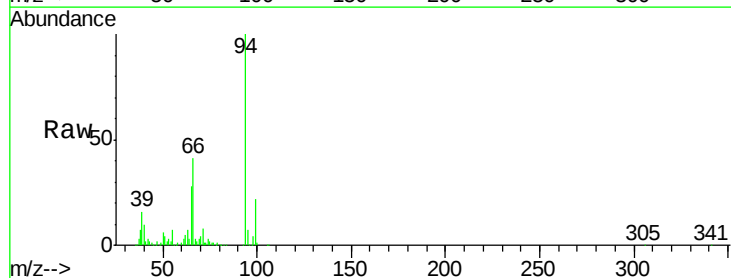
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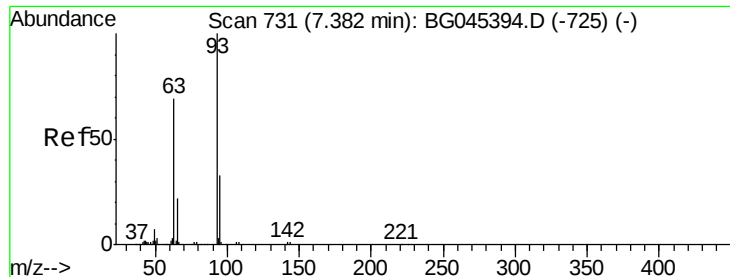
Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:	94	Resp:	231807
Ion Ratio	Lower	Upper	
94	100		
65	28.3	9.8	49.8
66	41.3	22.0	62.0





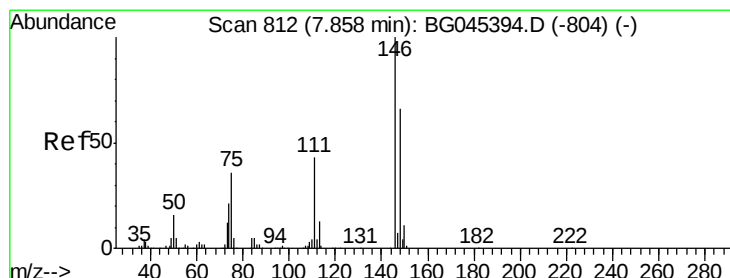
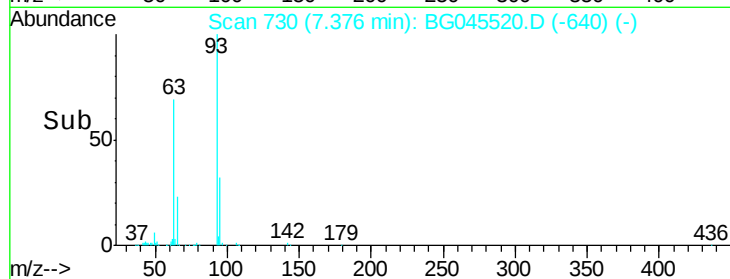
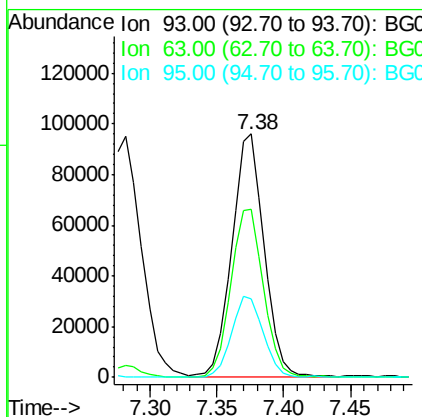
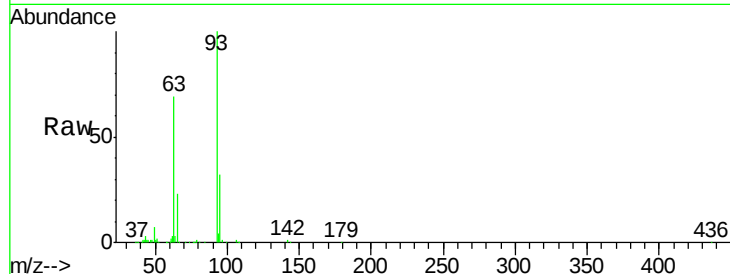
#11
bis(2-Chloroethyl)ether
Concen: 38.95 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	69.0	48.4	88.4
95	32.3	12.4	52.4

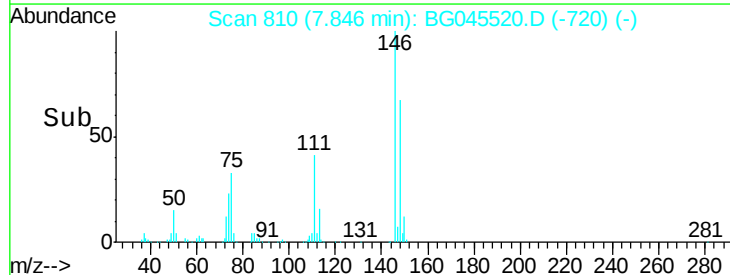
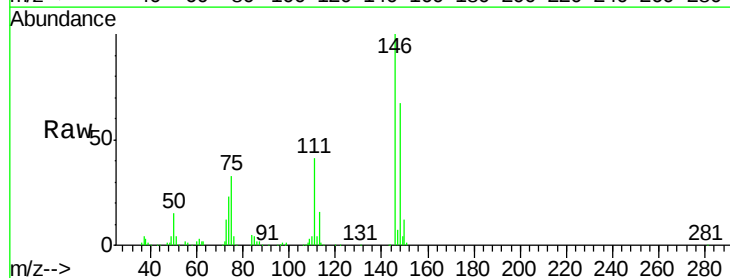
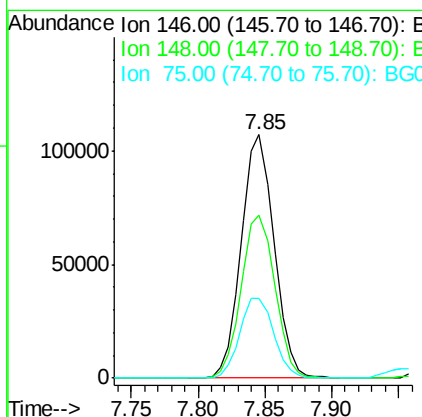
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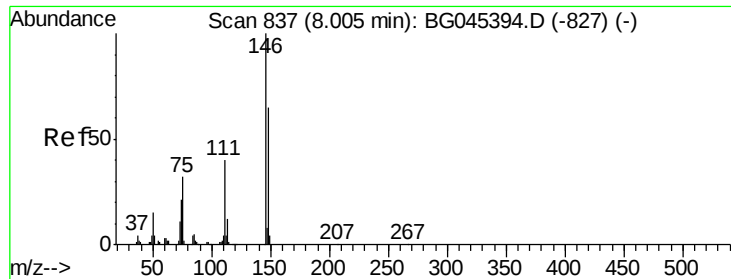
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.53 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	67.0	53.2	79.8
75	33.0	28.6	43.0





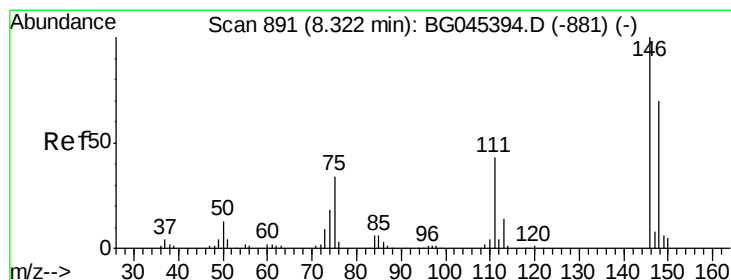
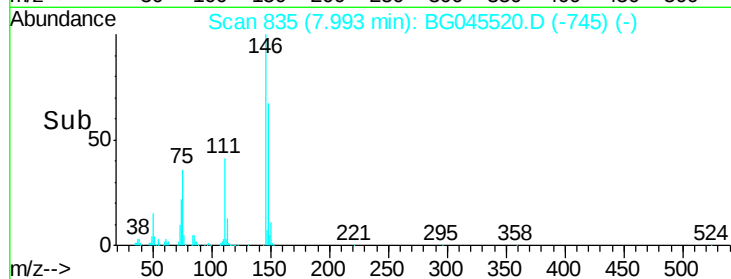
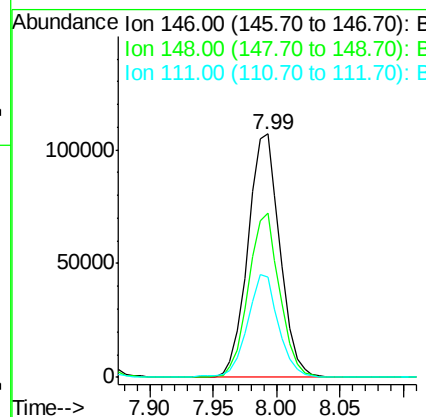
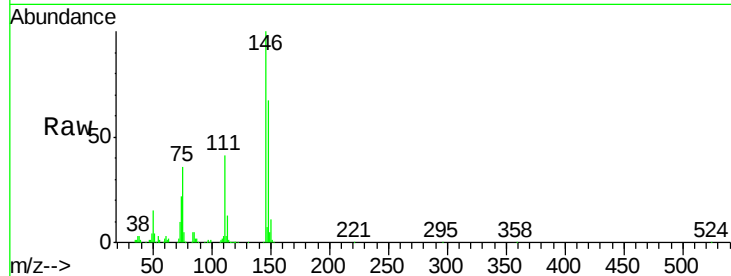
#13
 1,4-Dichlorobenzene
 Concen: 40.16 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.8	77.8
111	41.4	32.1	48.1

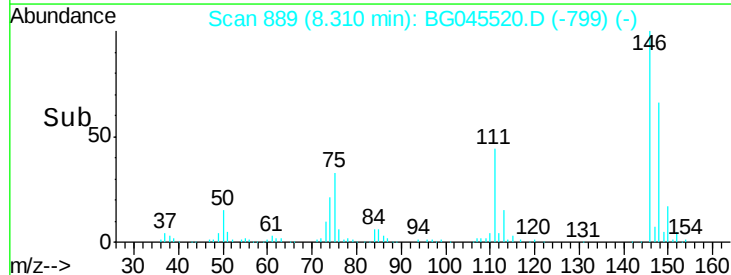
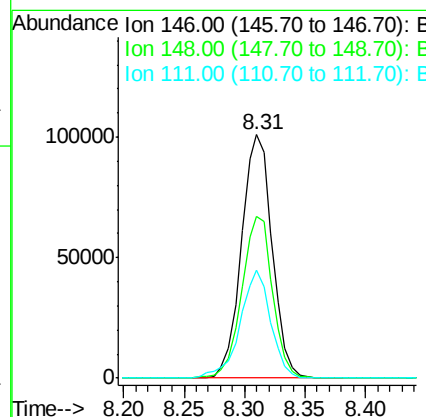
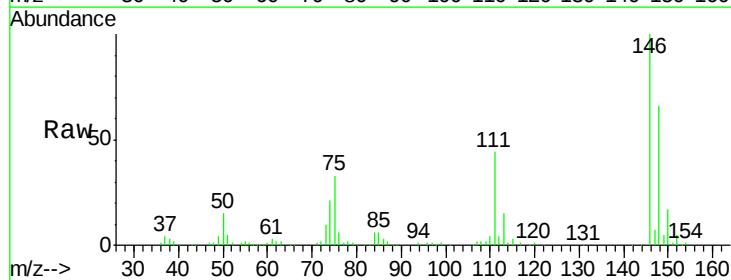
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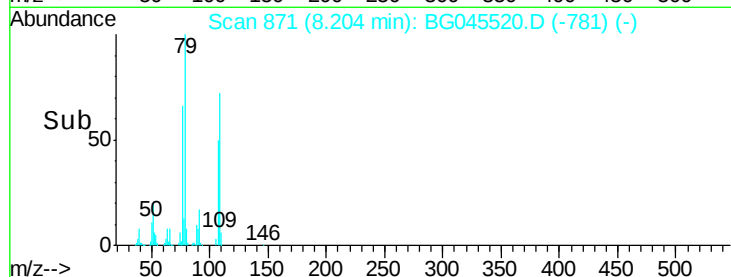
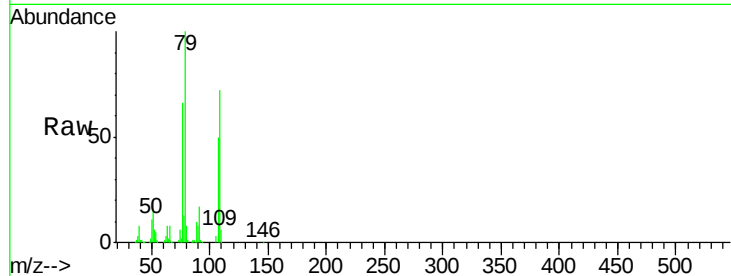
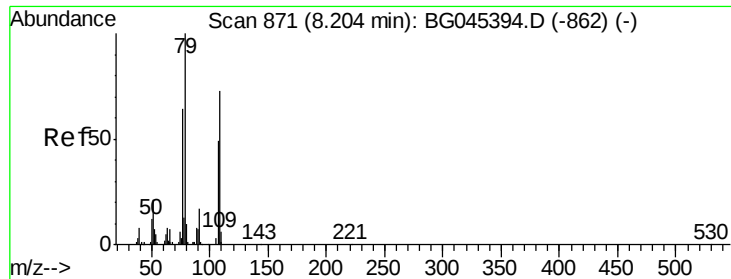
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.81 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	55.9	83.9
111	44.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 41.79 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:	79	Resp:	176345
Ion Ratio	Lower	Upper	
79	100		
108	71.6	58.2	87.4
77	66.1	51.0	76.4

Instrument :

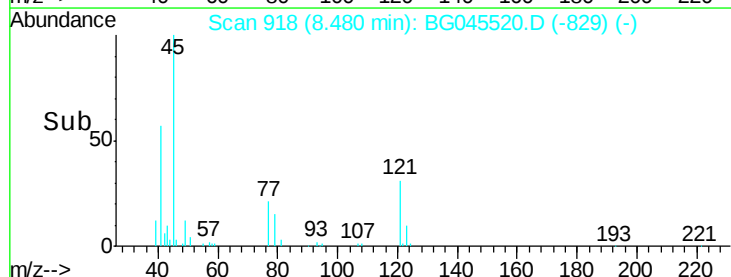
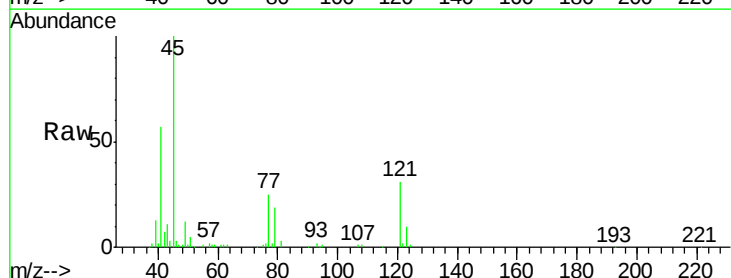
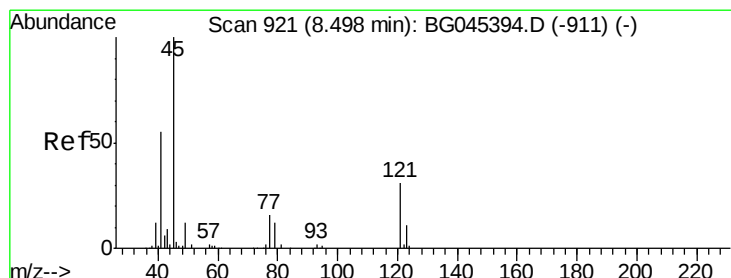
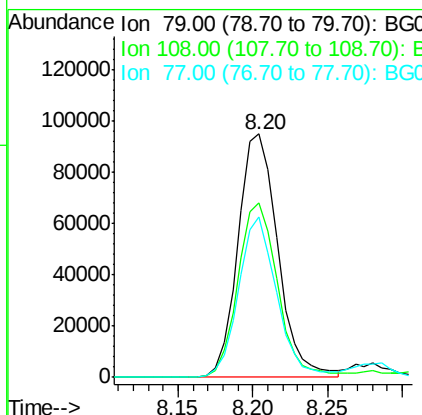
BNA_G

ClientSampleId :

PB129114BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.78 ng

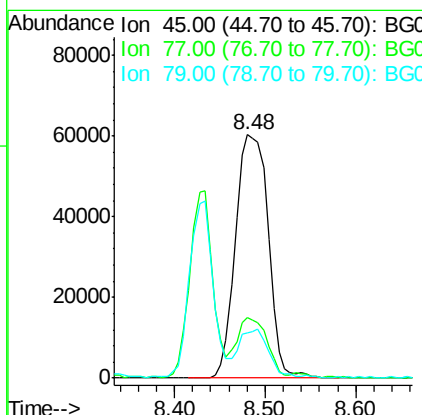
RT: 8.48 min Scan# 918

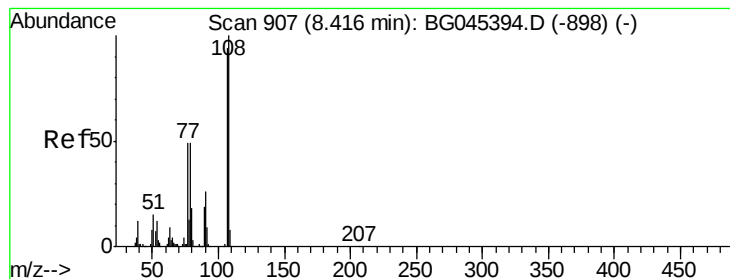
Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:	45	Resp:	151166
Ion Ratio	Lower	Upper	
45	100		
77	24.7	4.0	44.0
79	18.6	0.0	38.6





#17

2-Methylphenol

Concen: 39.93 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045520.D

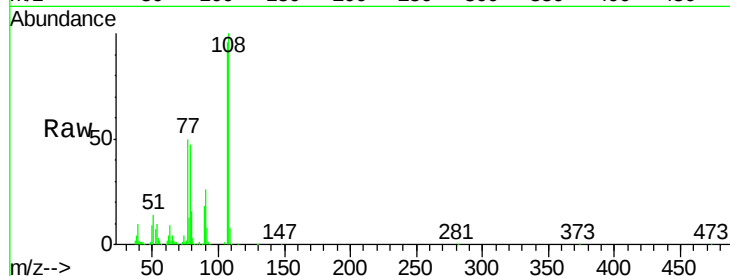
Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS



Tgt Ion:107 Resp: 157343

Ion Ratio Lower Upper

107 100

108 103.7 85.2 127.8

77 51.7 41.6 62.4

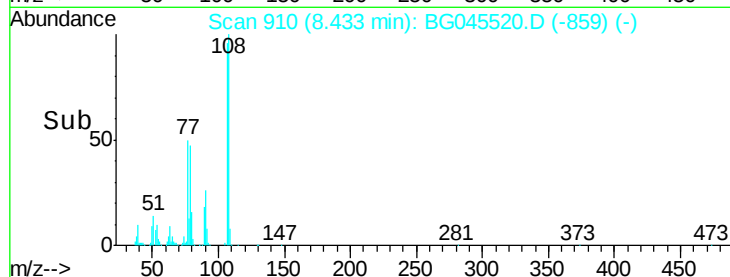
79 48.7 41.8 62.8

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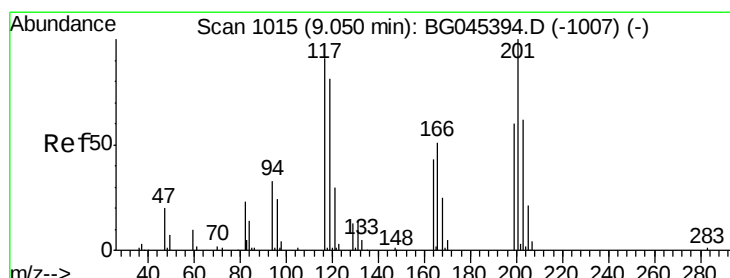
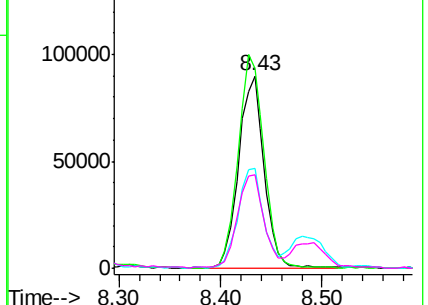


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.00 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

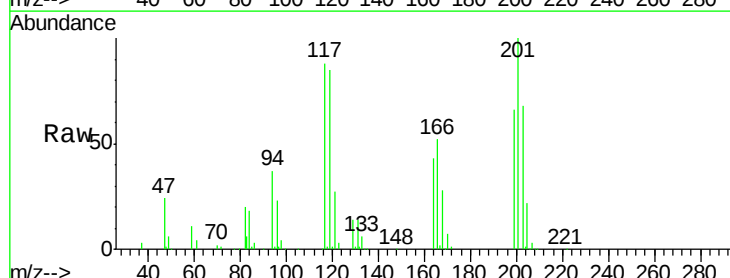
Tgt Ion:117 Resp: 71495

Ion Ratio Lower Upper

117 100

119 95.4 71.3 106.9

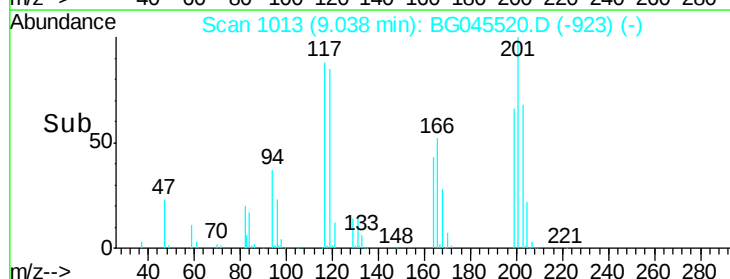
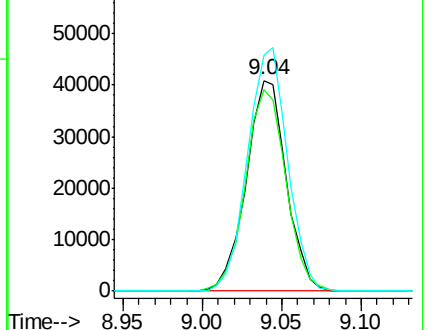
201 112.1 87.5 131.3

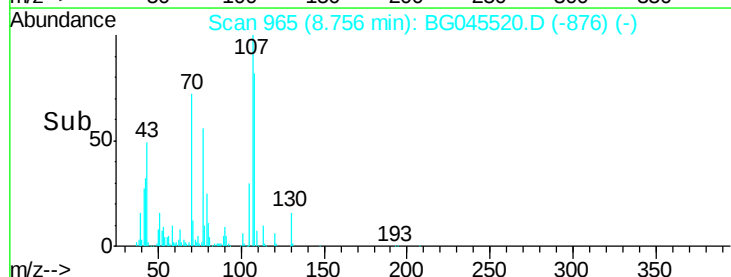
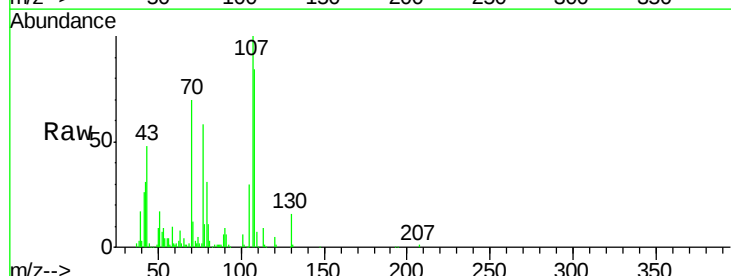
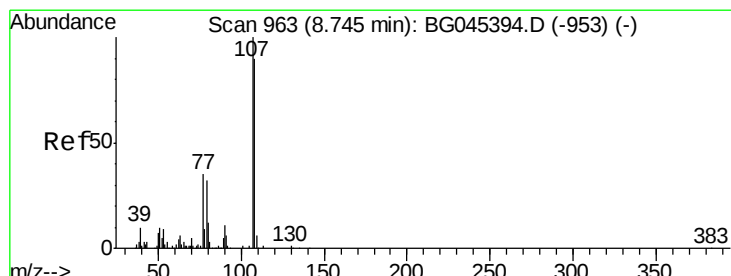
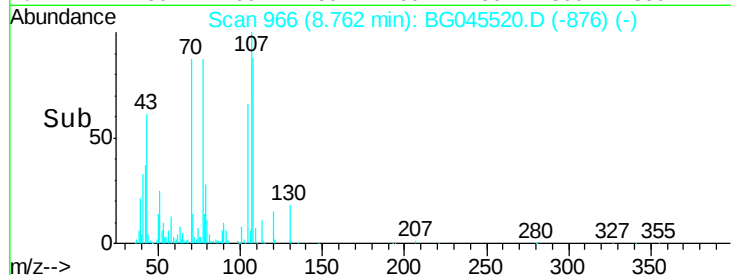
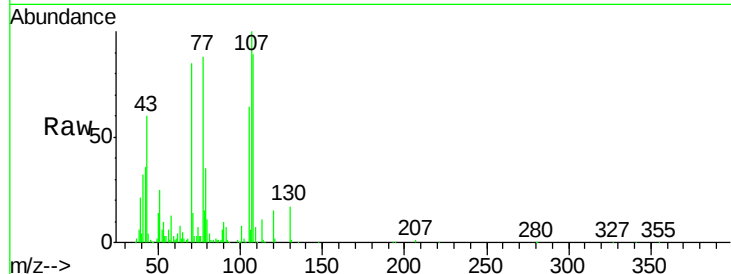
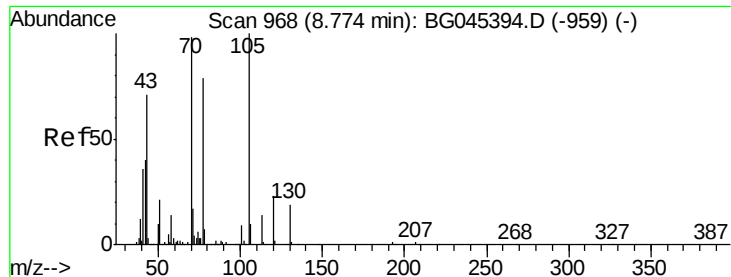


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

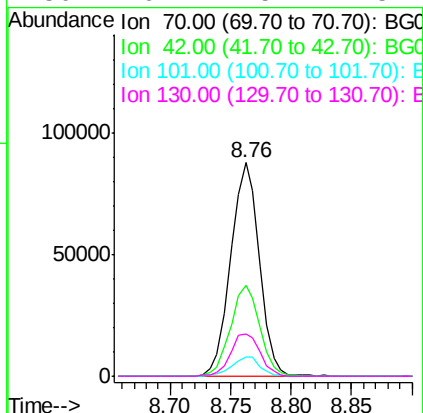
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.06 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.4	33.2	49.8
101	8.9	7.8	11.6
130	20.1	15.4	23.2



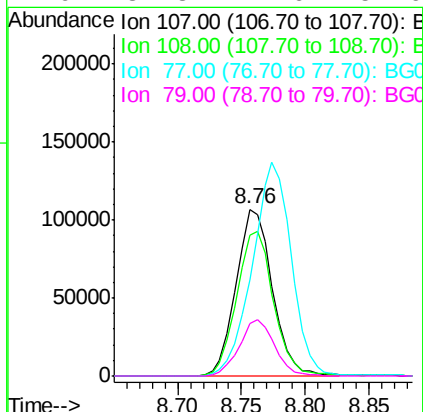
Instrument :
BNA_G
ClientSampleId :
PB129114BS

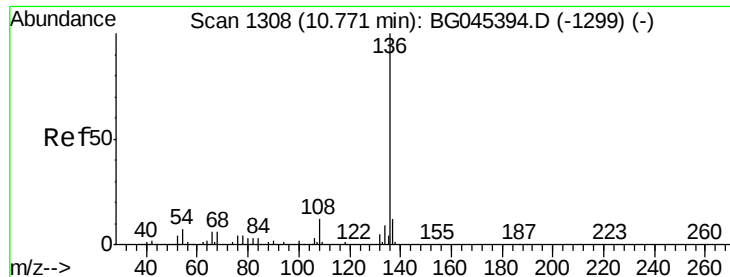
Manual Integrations
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#20
3+4-Methylphenols
Concen: 39.47 ng m
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	70.3	110.3
77	57.9	15.4	55.4#
79	31.3	12.6	52.6





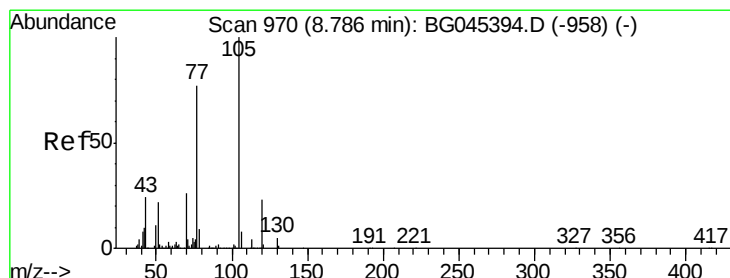
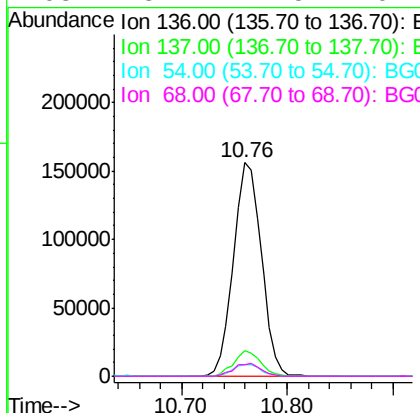
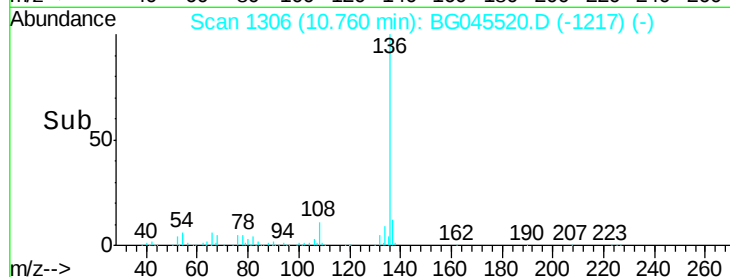
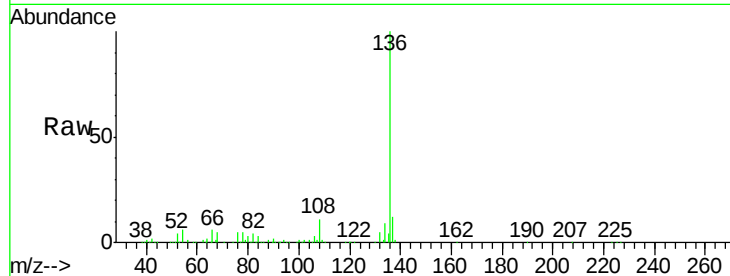
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	285325		
137	11.8	9.4	14.2	
54	5.6	5.8	8.6	
68	5.4	4.5	6.7	

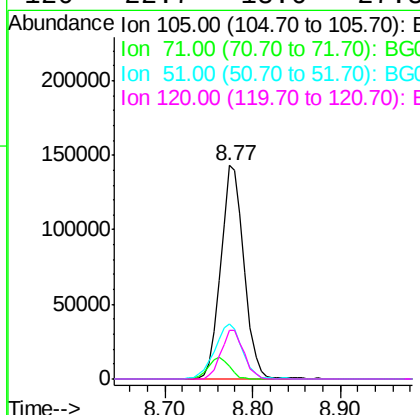
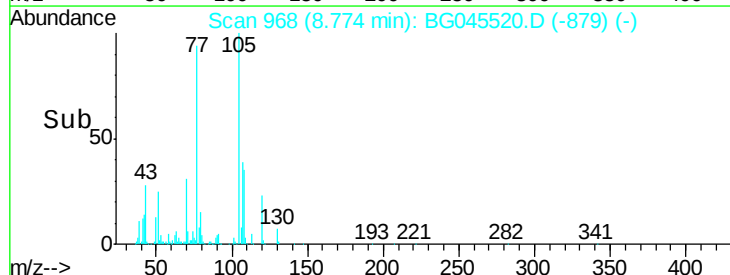
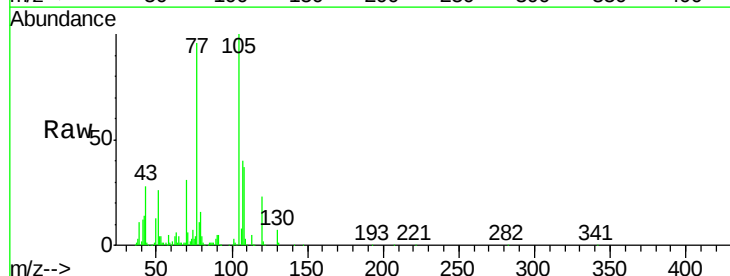
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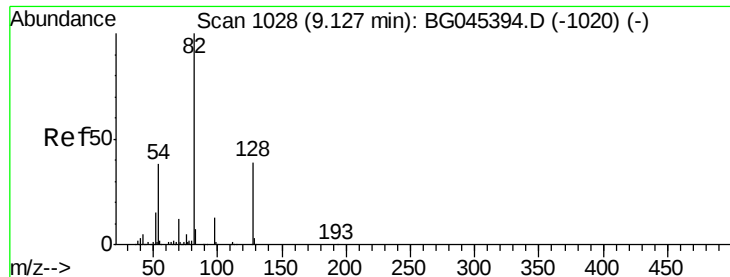
mohammad
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#22
Acetophenone
Concen: 38.82 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262510		
71	6.0	3.4	5.0	
51	25.7	18.2	27.2	
120	22.7	18.6	27.8	





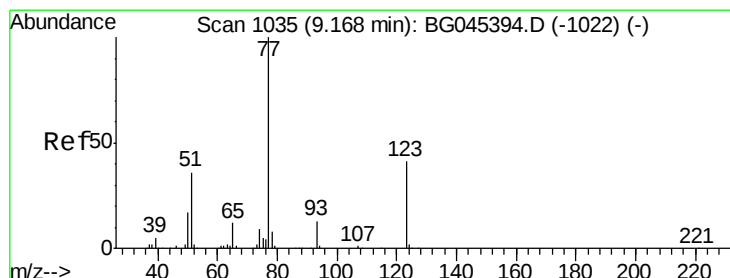
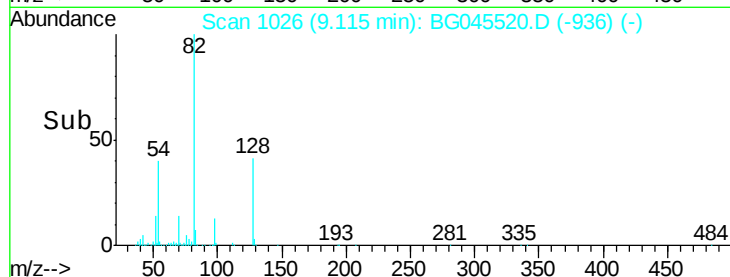
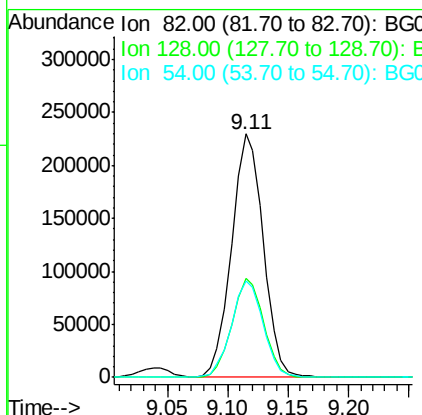
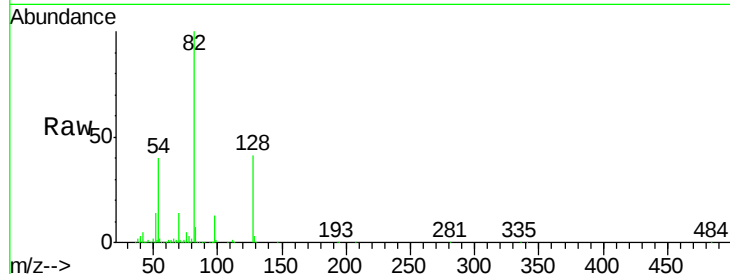
#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	418553		
128	40.7	30.9	46.3	
54	39.8	30.3	45.5	

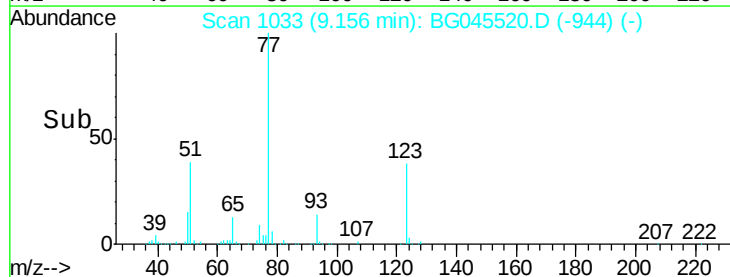
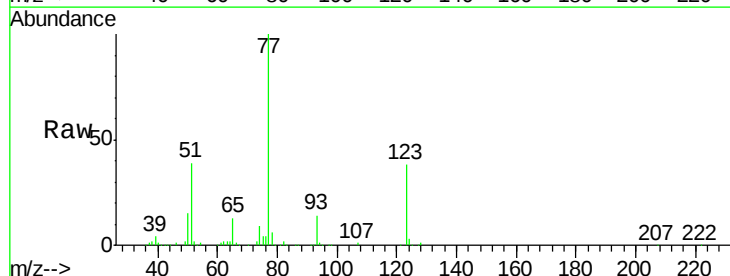
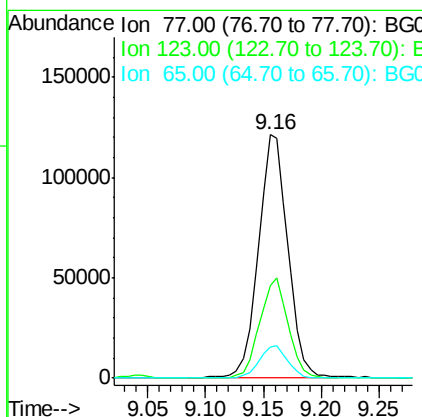
Manual Integrations
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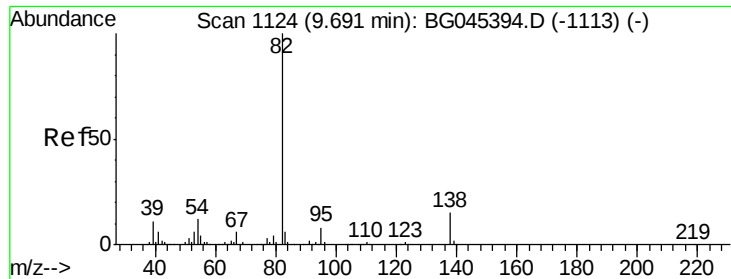
mohammad
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#24
 Nitrobenzene
 Concen: 38.20 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	214143		
123	38.2	32.9	49.3	
65	13.0	9.4	14.2	





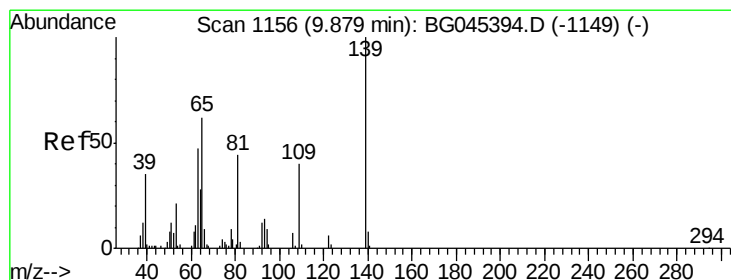
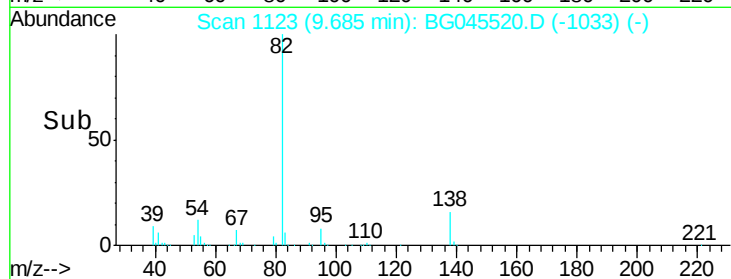
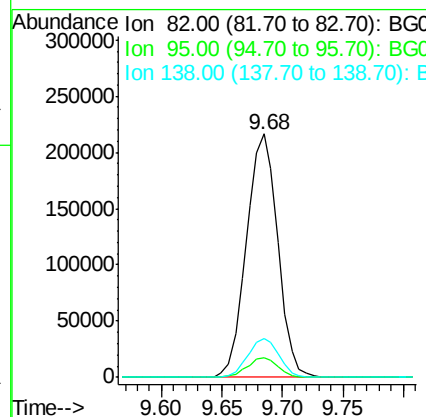
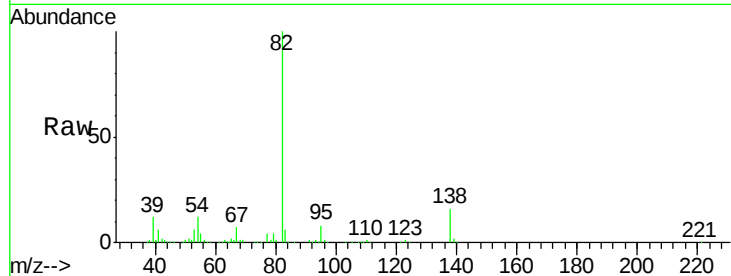
#25
Isophorone
Concen: 38.05 ng
RT: 9.68 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.8	6.7	10.1
138	16.1	12.2	18.4

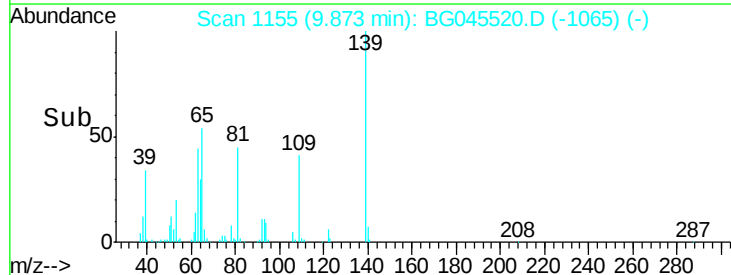
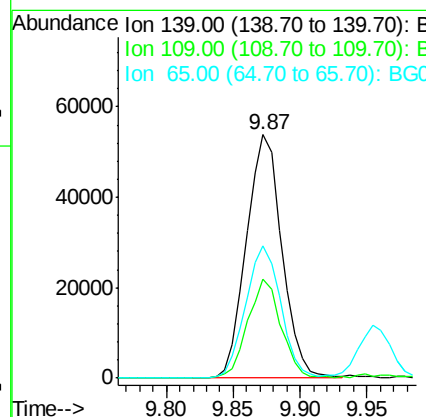
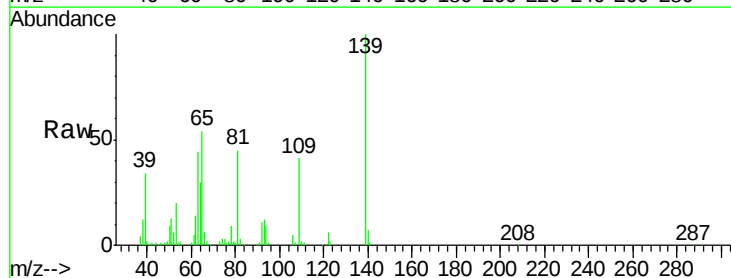
Manual Integrations
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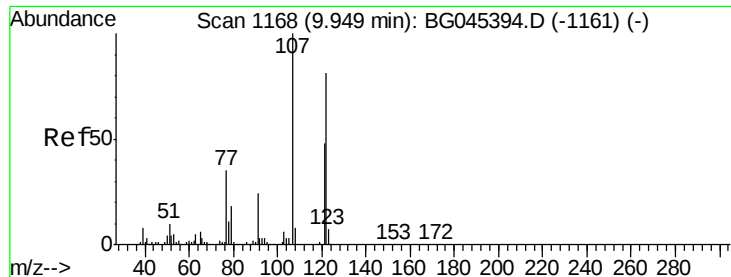
mohammad
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#26
2-Nitrophenol
Concen: 41.31 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	40.5	32.2	48.4
65	54.4	49.6	74.4





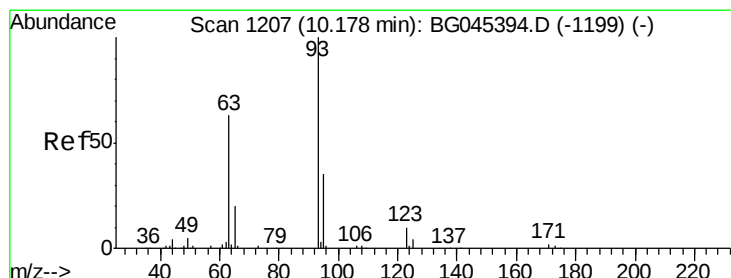
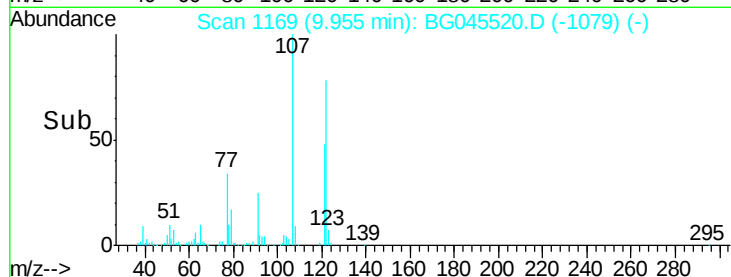
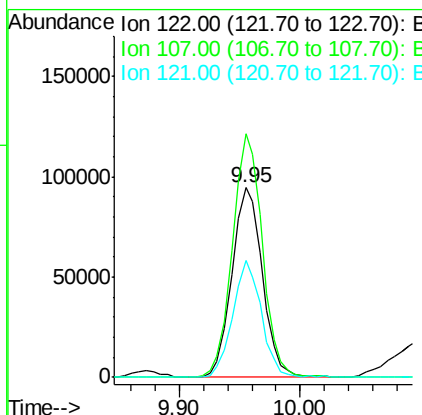
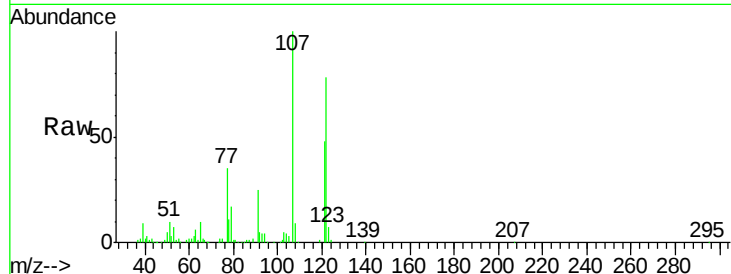
#27
2,4-Dimethylphenol
Concen: 46.94 ng
RT: 9.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	166962		
107	128.5	99.0	148.4	
121	61.4	47.7	71.5	

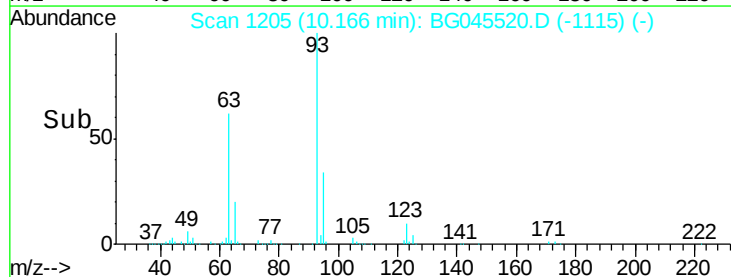
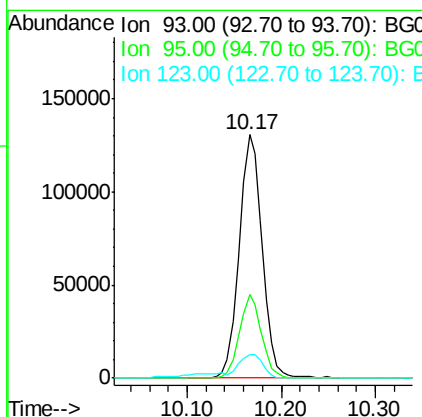
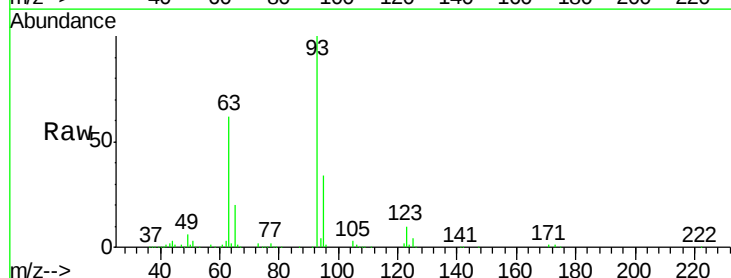
Manual Integrations
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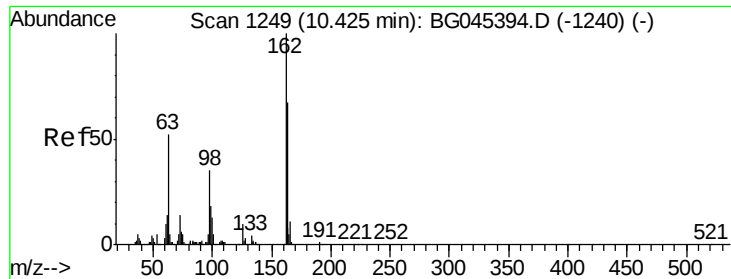
mohammad
6/1/2020 12:22:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.78 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	220397		
95	34.4	27.6	41.4	
123	9.9	8.1	12.1	





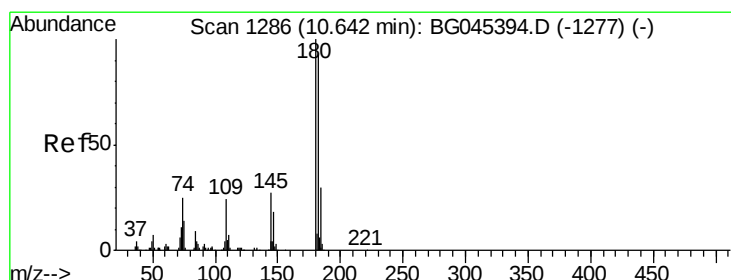
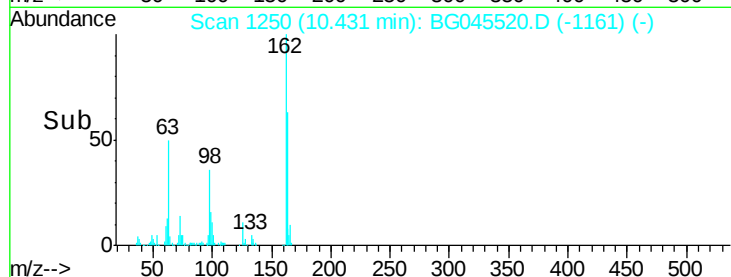
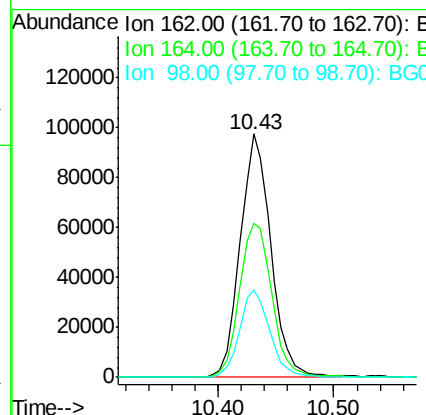
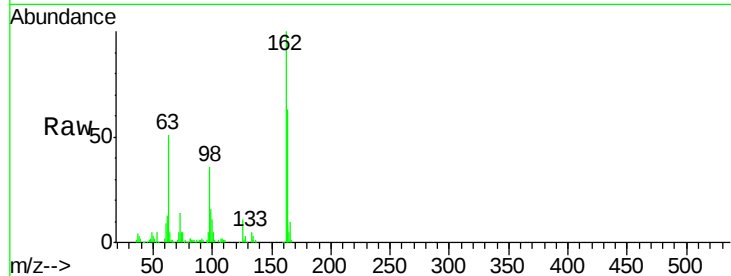
#29
 2,4-Dichlorophenol
 Concen: 42.87 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	180042		
164	63.1	46.8	86.8	
98	35.7	15.2	55.2	

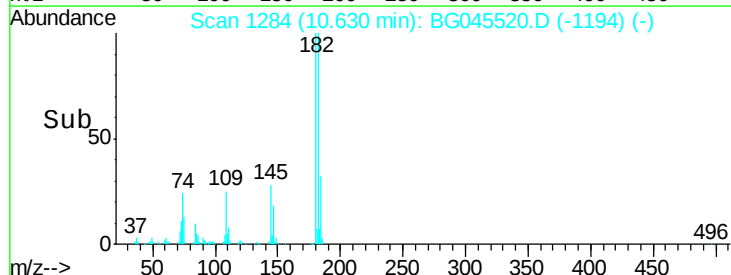
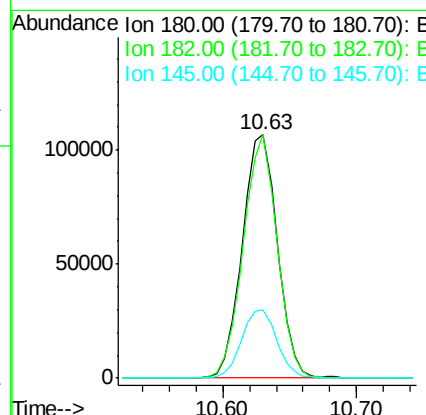
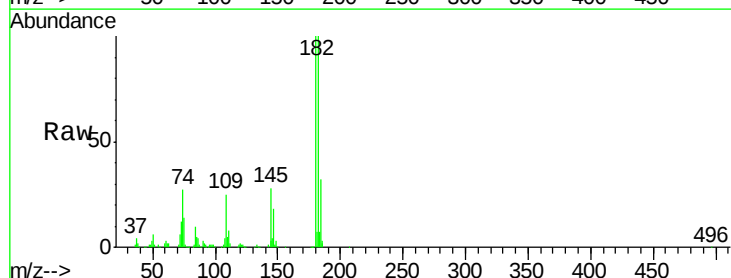
Manual Integrations
 APPROVED

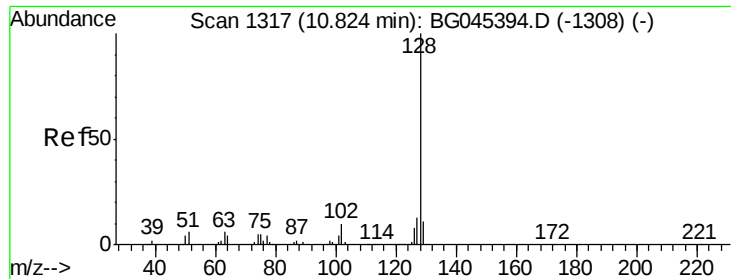
mohammad
 6/1/2020 12:22:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.02 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193637		
182	99.9	74.8	112.2	
145	28.0	21.9	32.9	





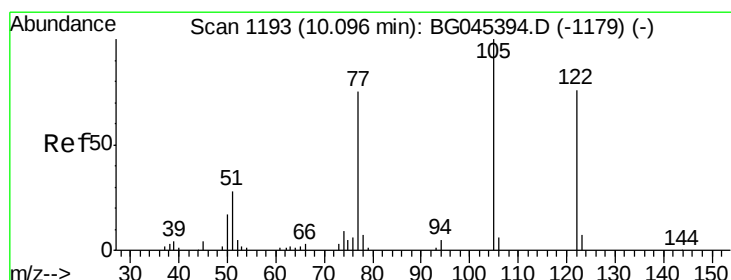
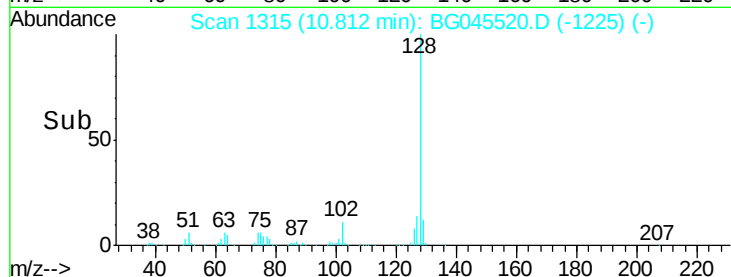
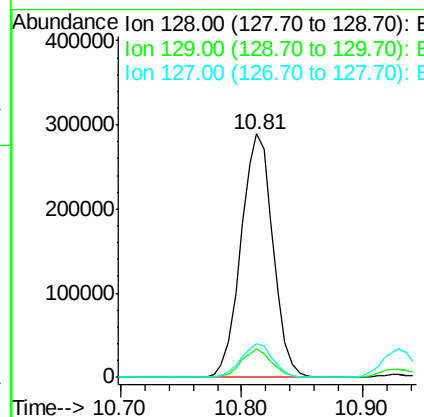
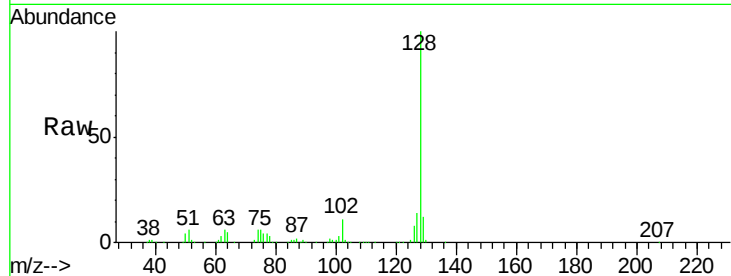
#31
Naphthalene
Concen: 40.07 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	532757		
129	11.7	9.0	13.6	
127	13.9	10.7	16.1	

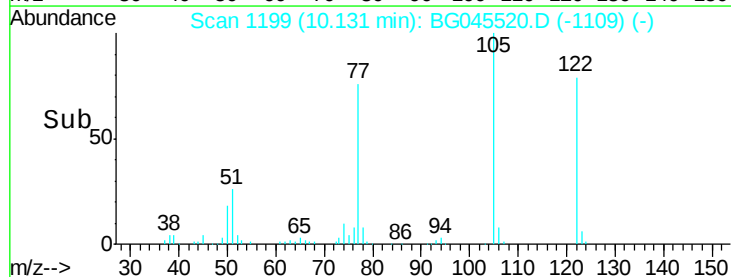
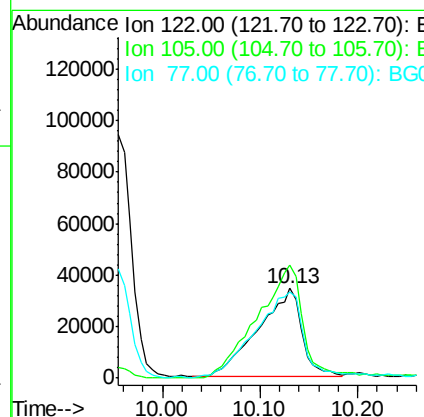
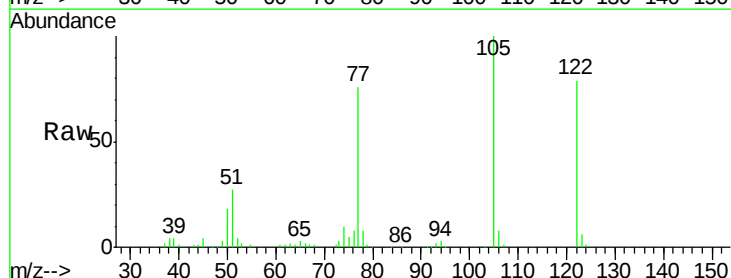
Manual Integrations
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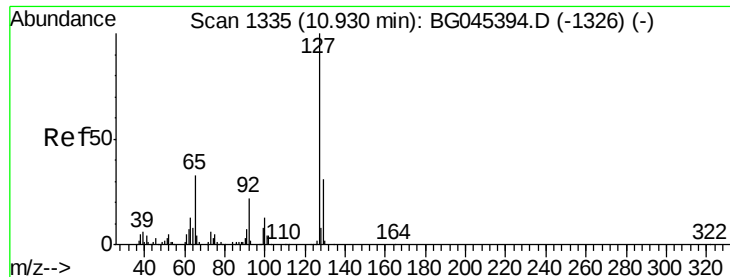
mohammad
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#32
Benzoic acid
Concen: 45.14 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107362		
105	126.0	107.9	147.9	
77	96.1	78.9	118.9	





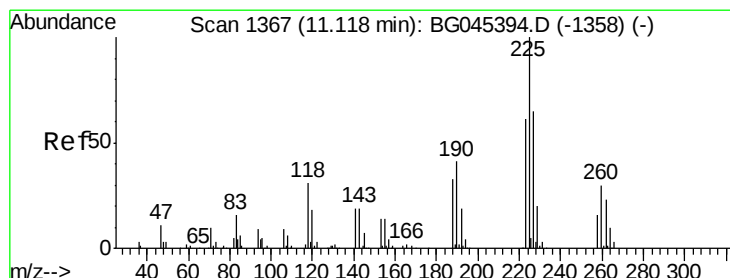
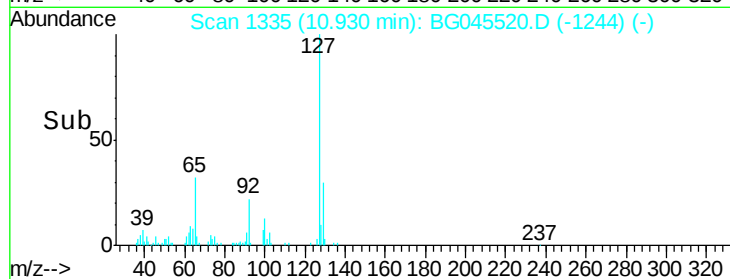
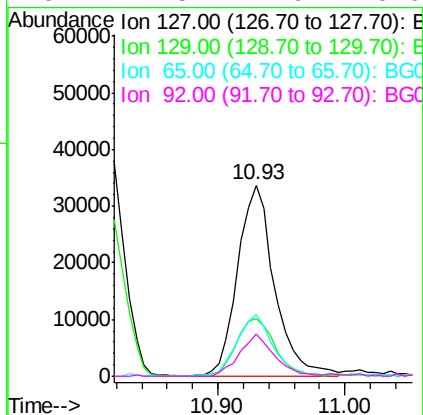
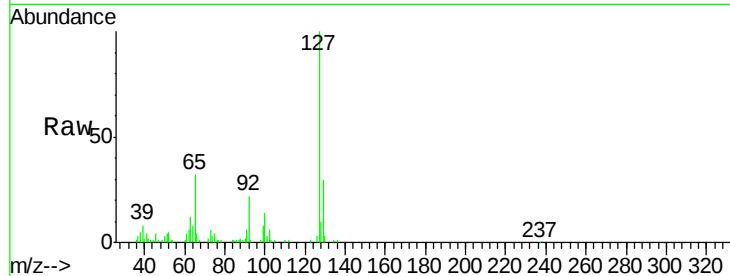
#33
4-Chloroaniline
Concen: 12.28 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	68254		
129	29.9	24.7	37.1	
65	32.4	26.2	39.2	
92	22.5	17.9	26.9	

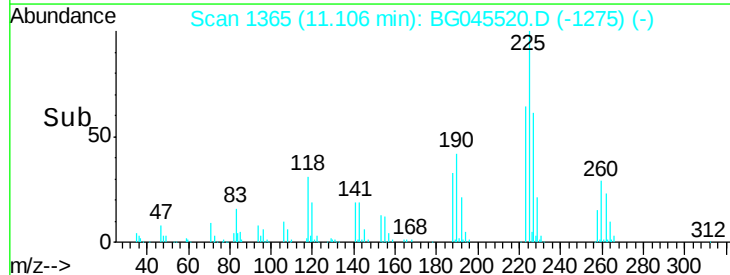
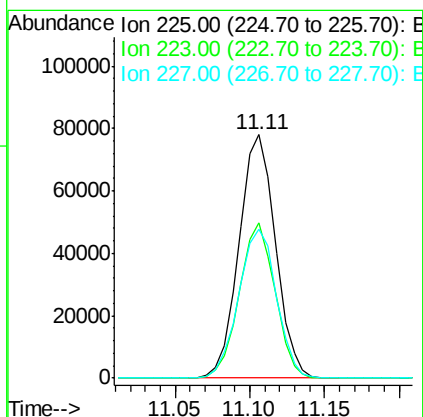
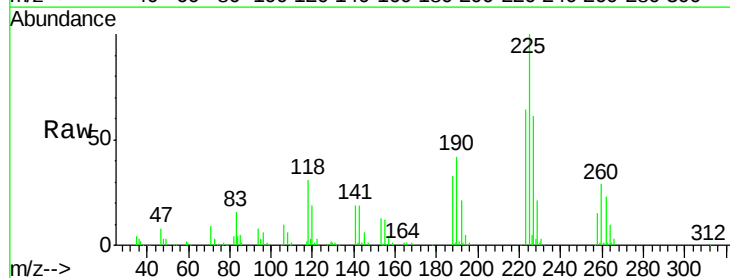
Manual Integrations
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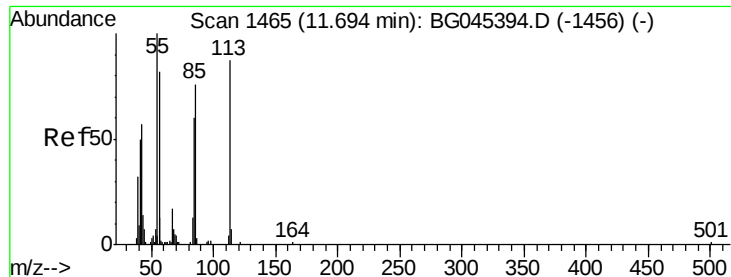
mohammad
6/1/2020 12:22:37 PM



#34
Hexachlorobutadiene
Concen: 37.68 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132187		
223	64.0	49.1	73.7	
227	61.2	52.0	78.0	





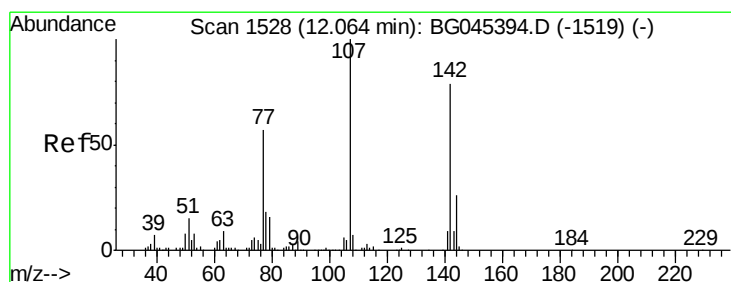
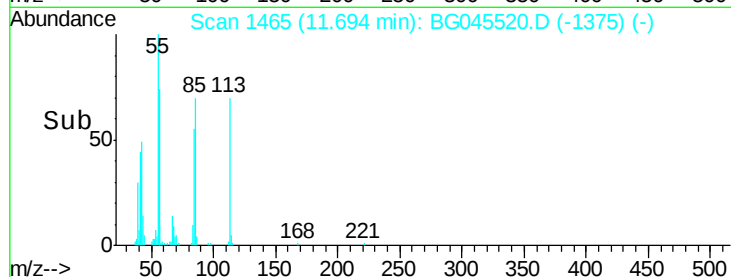
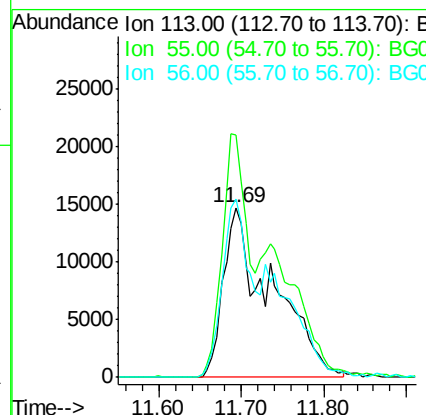
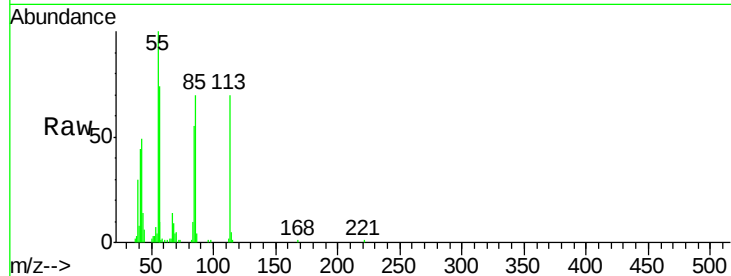
#35
 Caprolactam
 Concen: 38.87 ng m
 RT: 11.69 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	59928		
55	142.7	96.0	136.0#	
56	105.0	75.1	115.1	

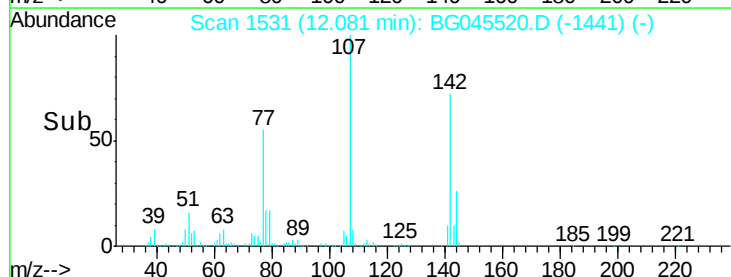
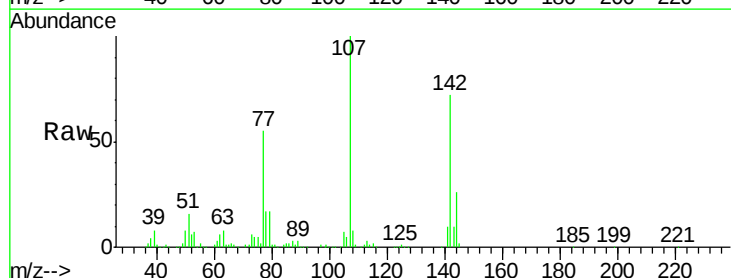
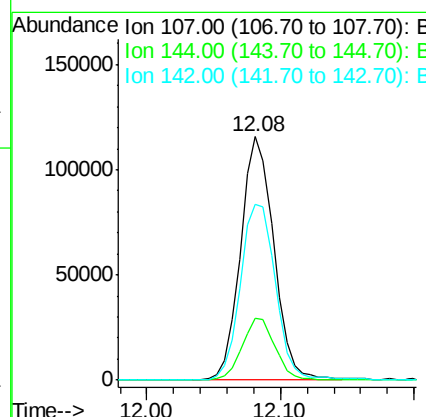
Manual Integrations
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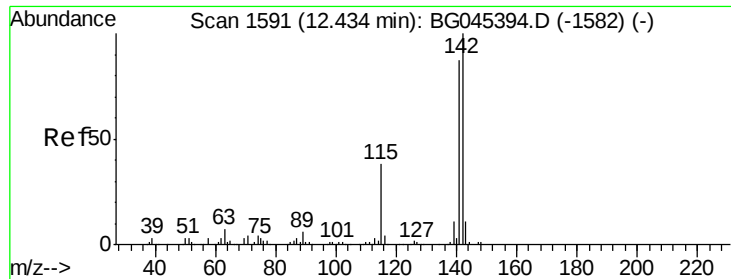
mohammad
 6/1/2020 12:22:37 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.15 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	199494		
144	25.5	20.8	31.2	
142	72.1	62.8	94.2	





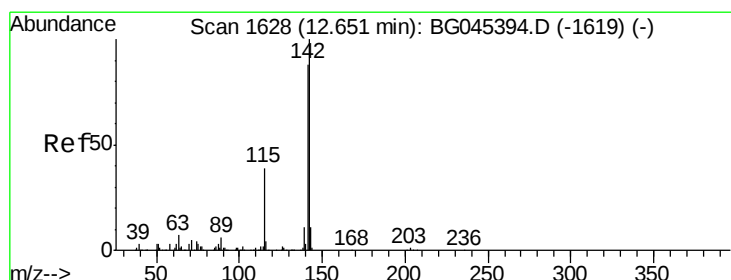
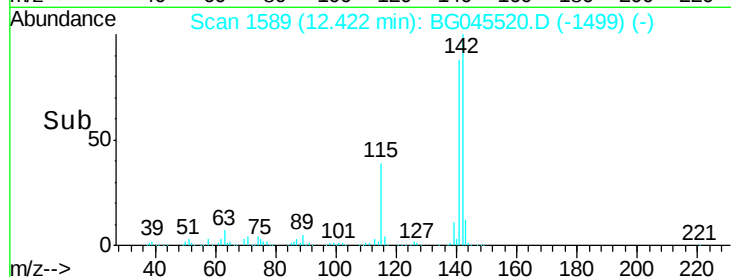
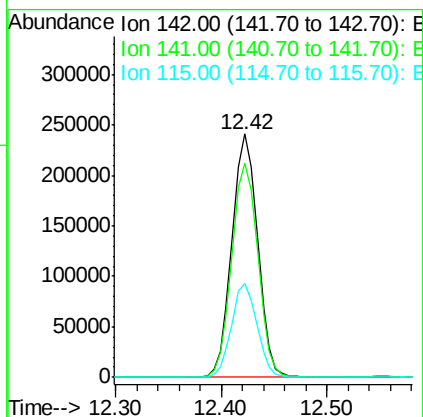
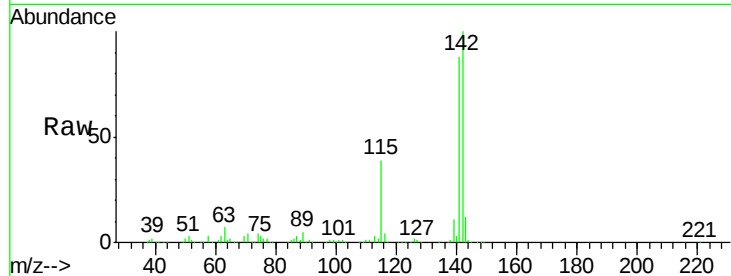
#37
2-Methylnaphthalene
Concen: 41.01 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.0	105.0
115	38.8	30.8	46.2

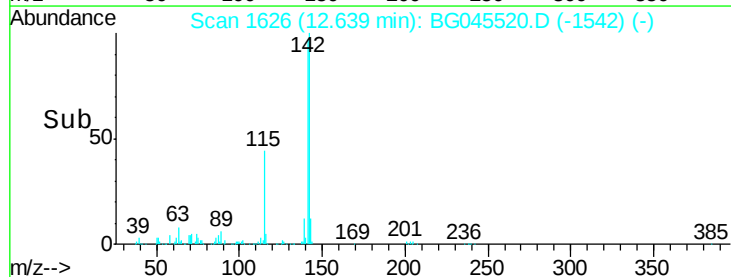
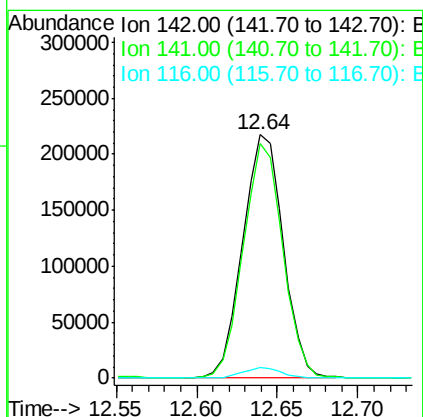
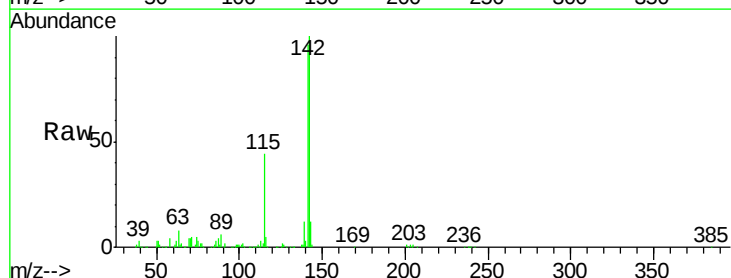
Manual Integrations
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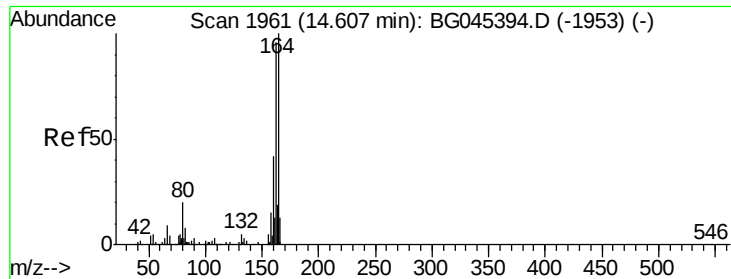
mohammad
6/1/2020 12:22:37 PM



#38
1-Methylnaphthalene
Concen: 40.59 ng m
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	70.8	106.2
116	4.6	3.0	4.6#





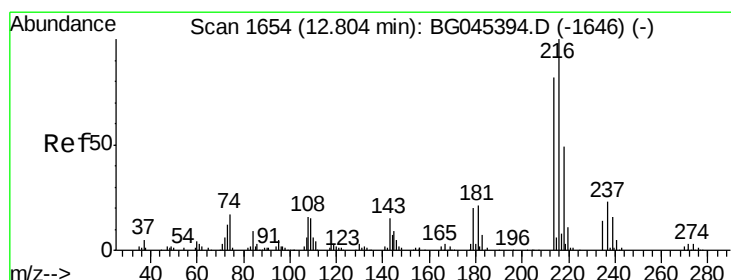
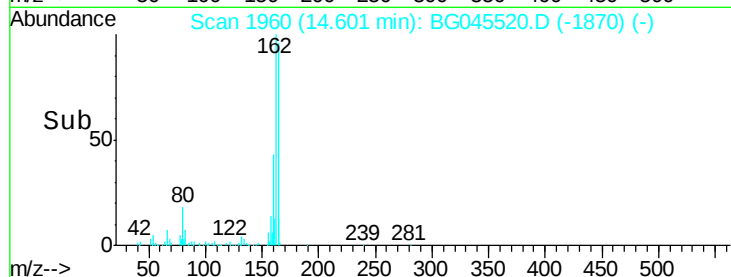
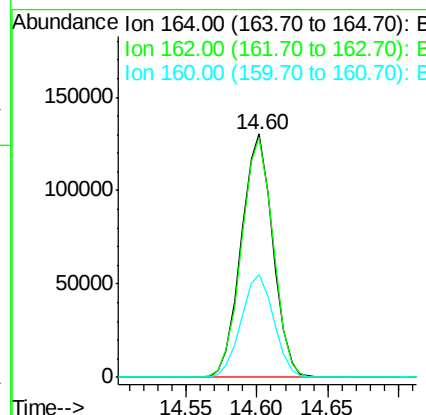
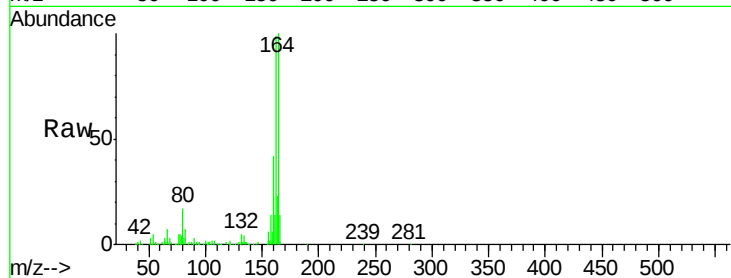
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	76.9	115.3
160	42.3	33.8	50.8

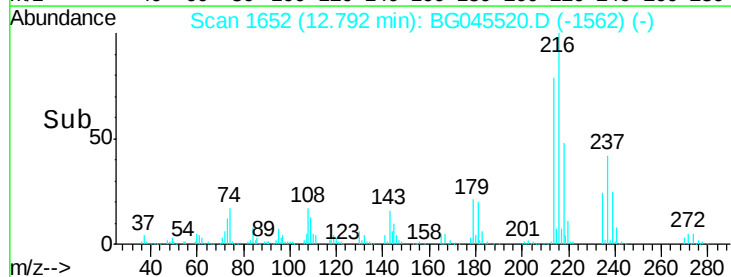
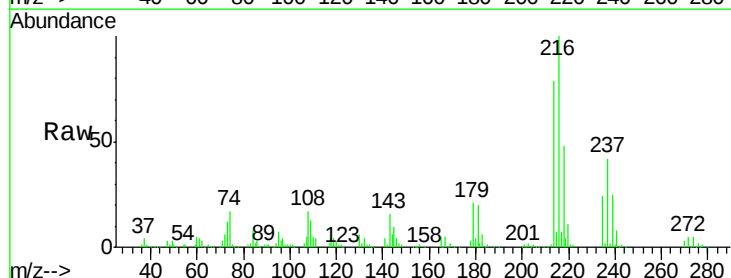
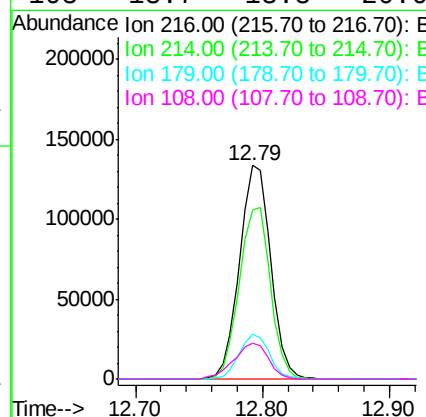
Manual Integrations
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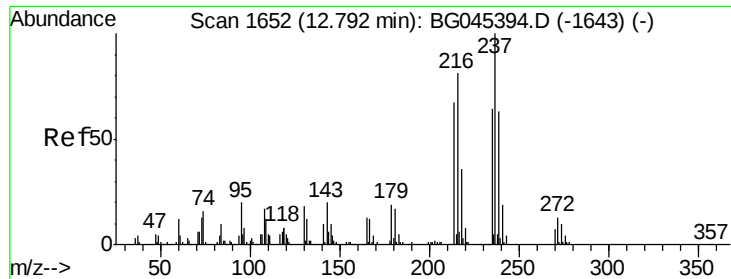
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.06 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.7	95.5
179	20.2	16.1	24.1
108	18.7	13.8	20.6





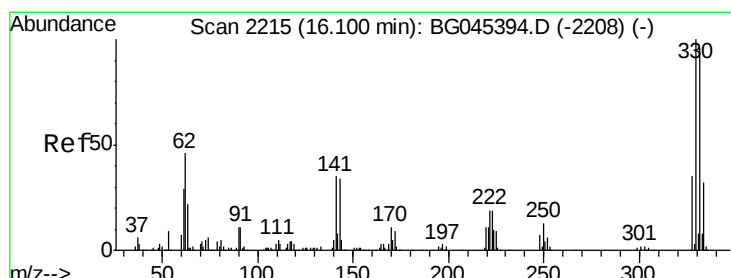
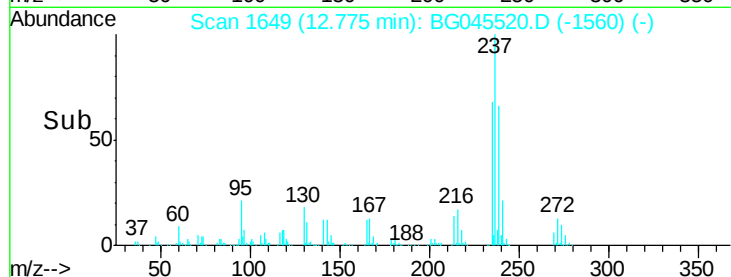
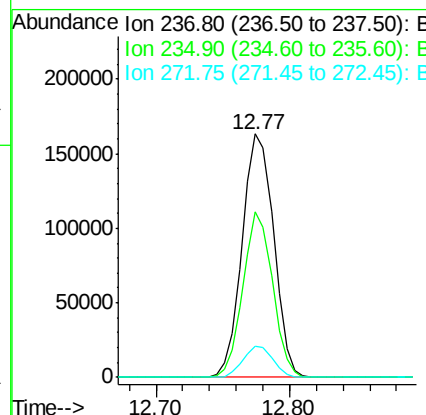
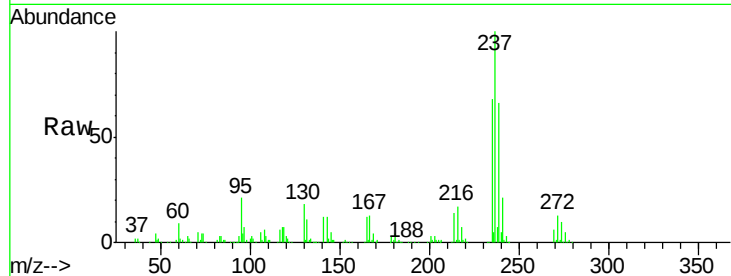
#41
Hexachlorocyclopentadiene
Concen: 81.20 ng
RT: 12.77 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	67.9	44.4	84.4
272	12.7	0.0	32.5

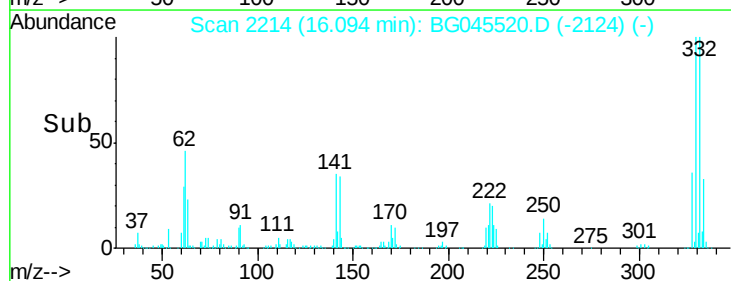
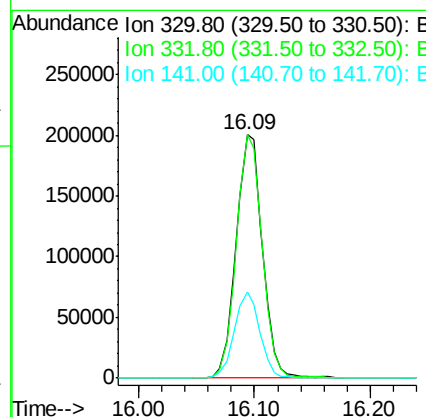
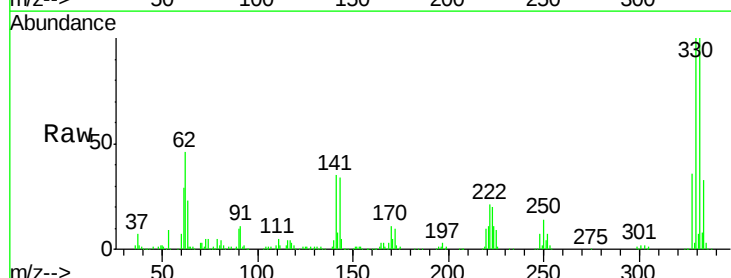
Manual Integrations
APPROVED

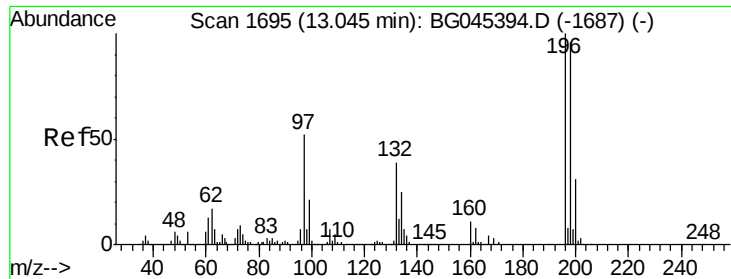
mohammad
6/1/2020 12:22:37 PM



#42
2,4,6-Tribromophenol
Concen: 121.74 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.1	78.2	117.4
141	34.1	28.2	42.4





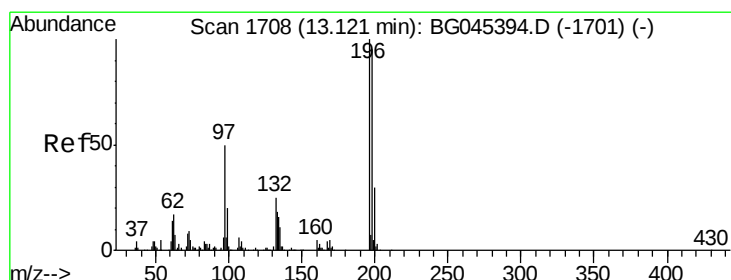
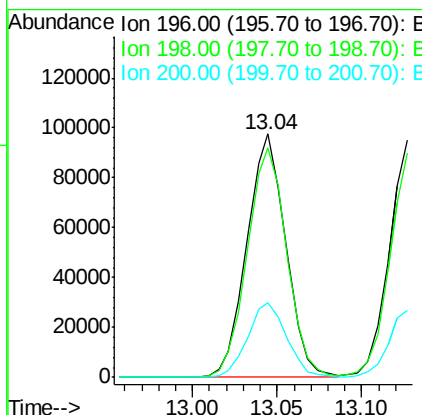
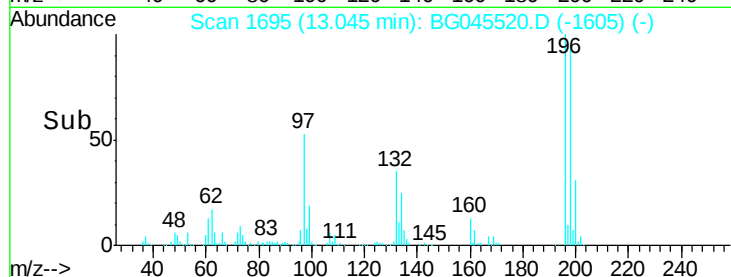
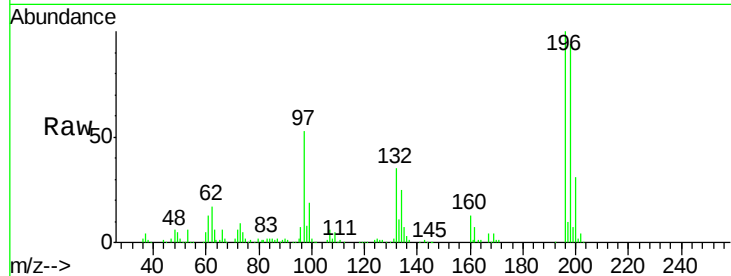
#43
 2,4,6-Trichlorophenol
 Concen: 39.62 ng
 RT: 13.04 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156173		
198	94.2	76.7	115.1	
200	30.9	24.9	37.3	

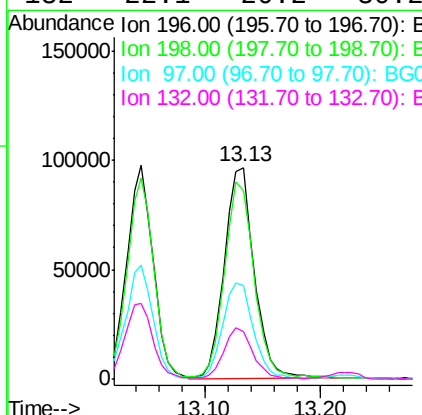
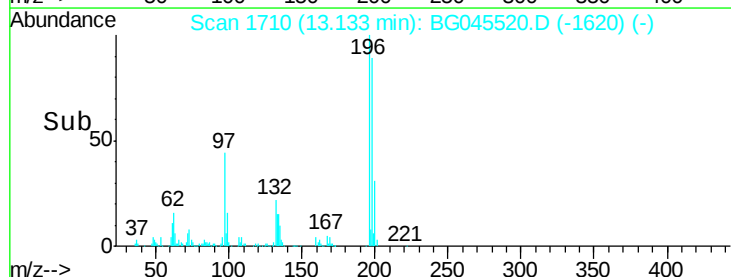
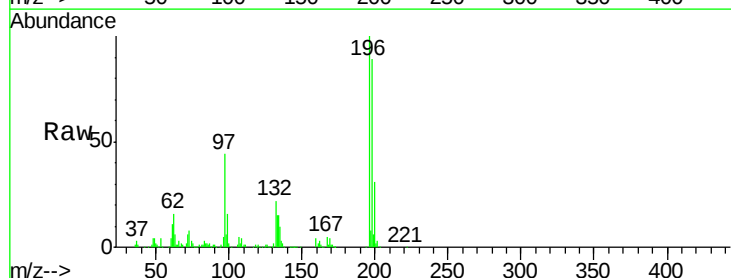
Manual Integrations
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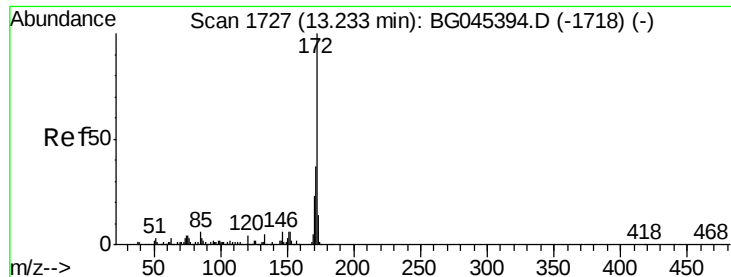
mohammad
 6/1/2020 12:22:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.22 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172162		
198	88.9	76.1	114.1	
97	44.1	40.0	60.0	
132	22.1	20.2	30.2	





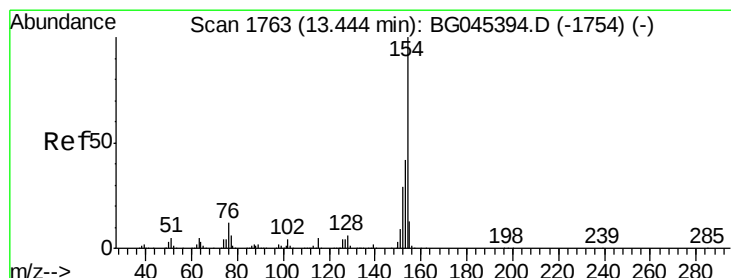
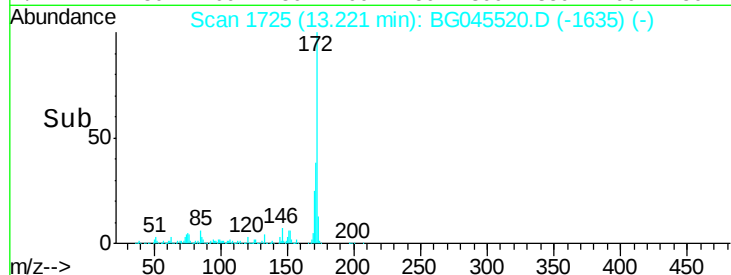
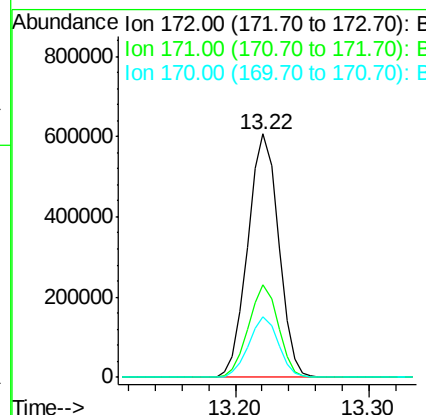
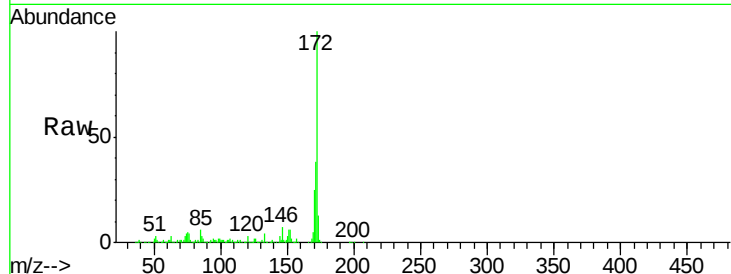
#45
2-Fluorobiphenyl
Concen: 80.55 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.5	44.3
170	24.6	18.5	27.7

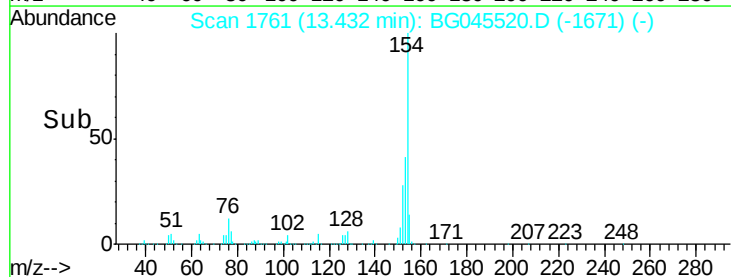
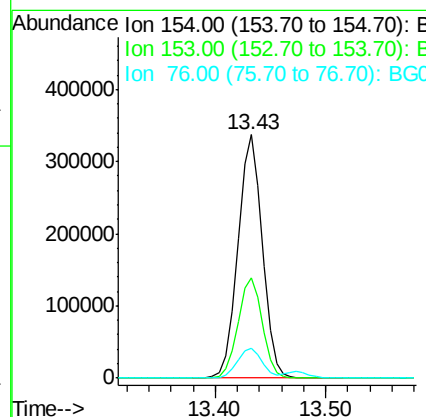
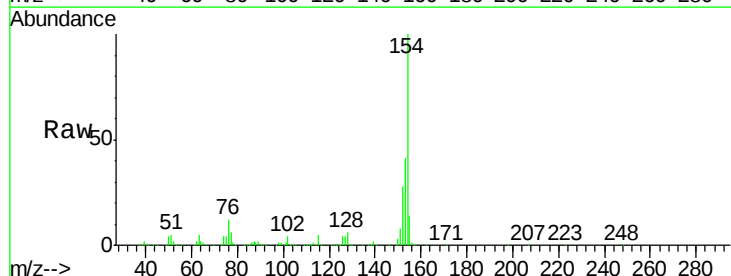
Manual Integrations
APPROVED

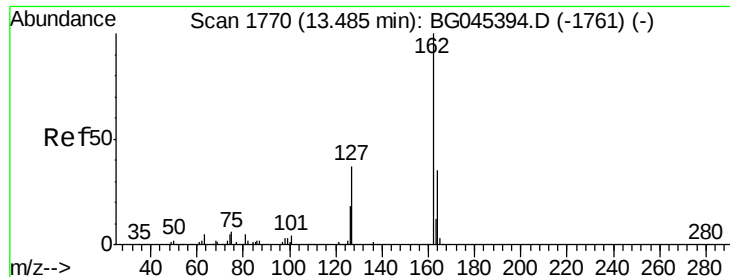
mohammad
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#46
1,1'-Biphenyl
Concen: 41.83 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.2	62.2
76	12.3	0.0	32.4





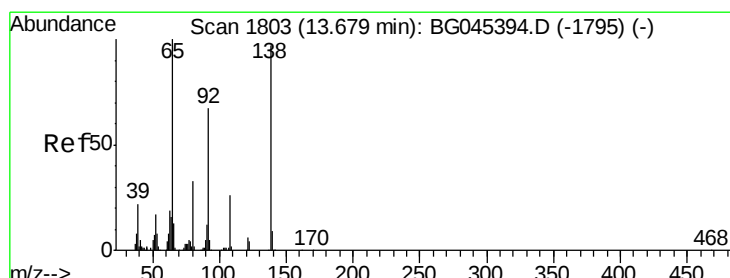
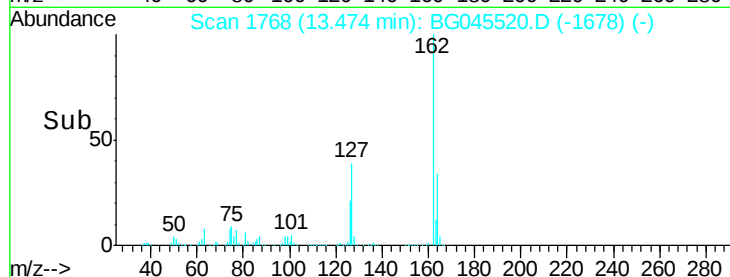
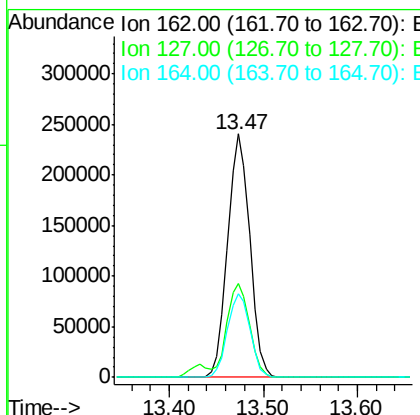
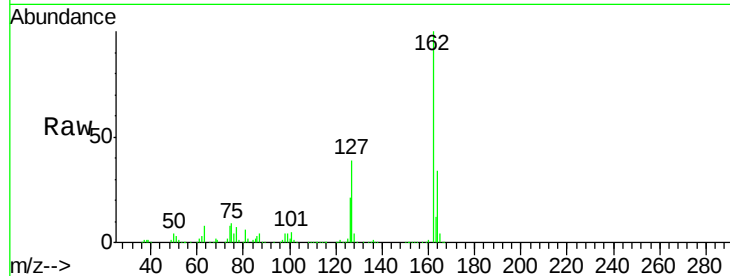
#47
2-Chloronaphthalene
Concen: 38.99 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	395209		
127	38.8	31.6	47.4	
164	34.4	28.1	42.1	

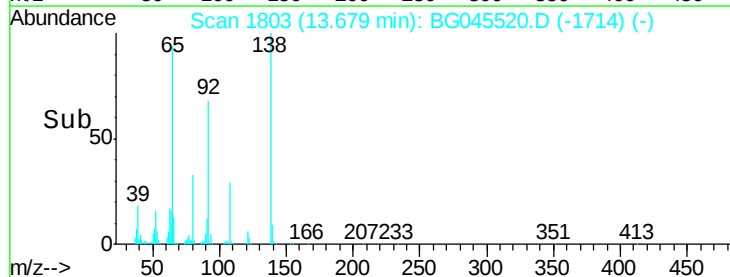
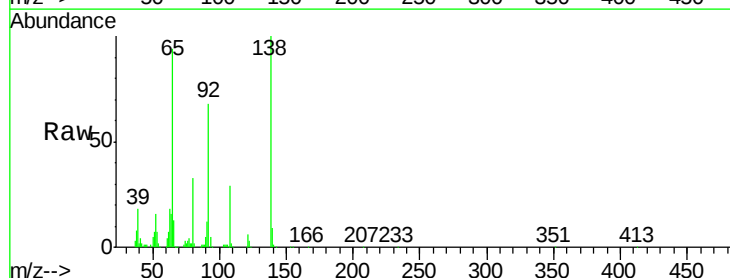
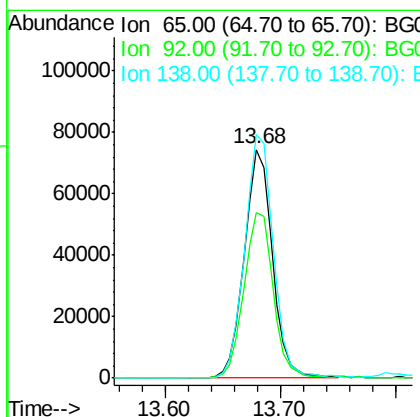
Manual Integrations
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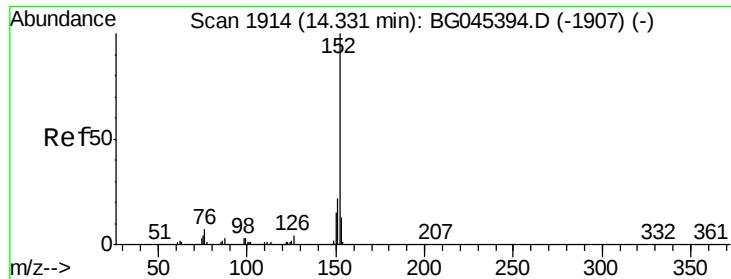
mohammad
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#48
2-Nitroaniline
Concen: 38.06 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	126902		
92	72.6	53.8	80.8	
138	106.5	77.9	116.9	





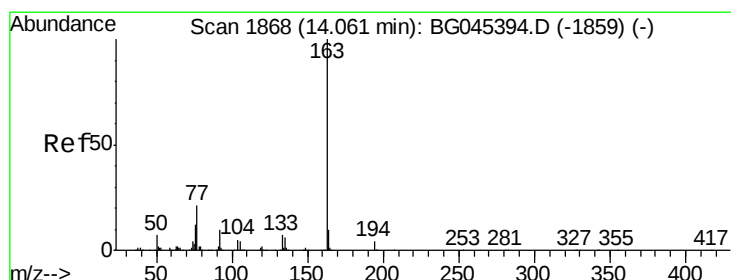
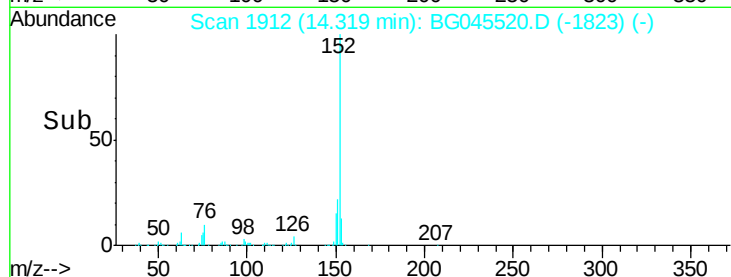
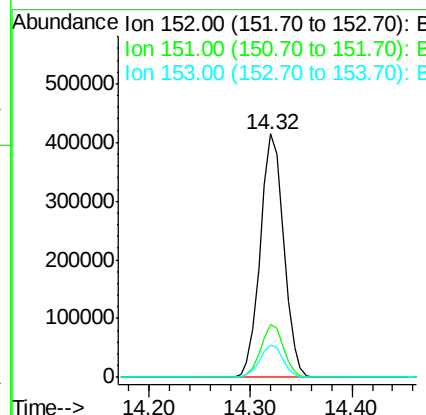
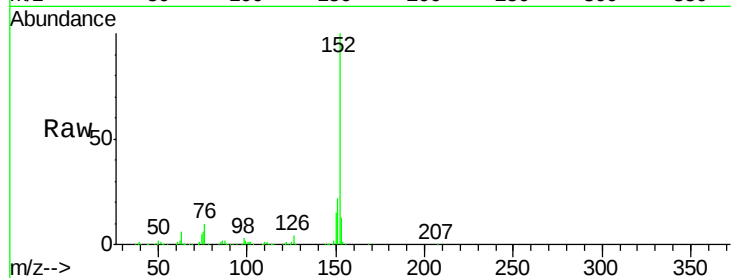
#49
Acenaphthylene
Concen: 41.02 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.6	17.4	26.2
153	13.2	10.7	16.1

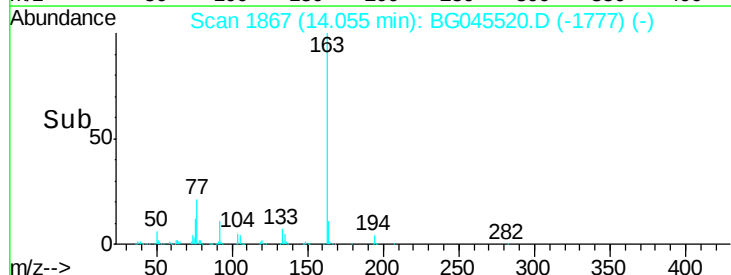
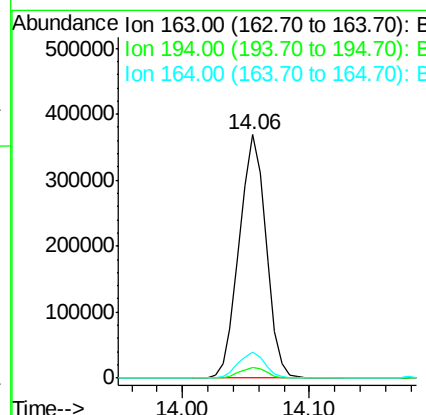
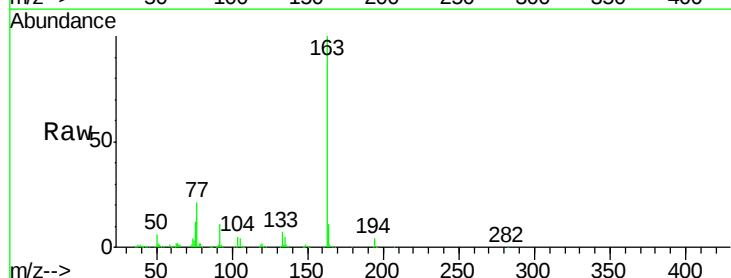
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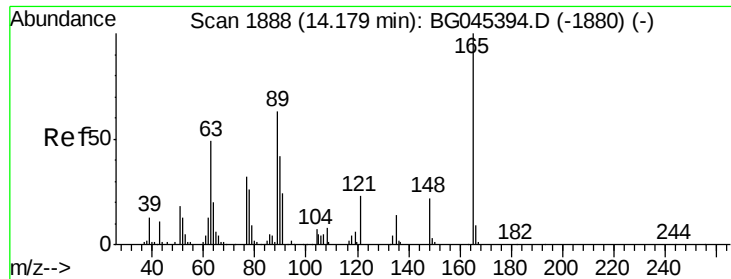
mohammad
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#50
Dimethylphthalate
Concen: 38.74 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.5	3.2	4.8
164	10.8	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 39.04 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tgt Ion:165 Resp: 122770

Ion Ratio Lower Upper

165 100

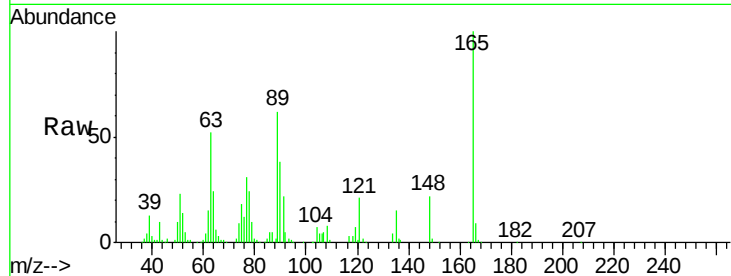
63 51.5 45.0 67.4

89 62.4 50.2 75.4

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

100000

80000

60000

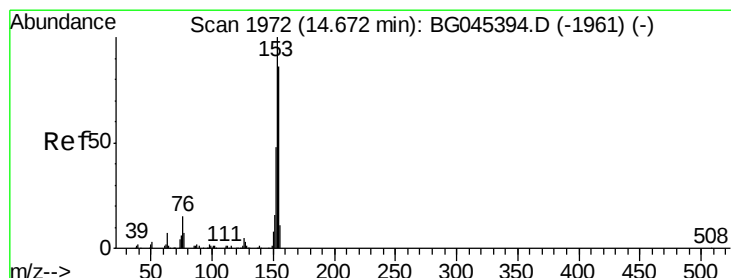
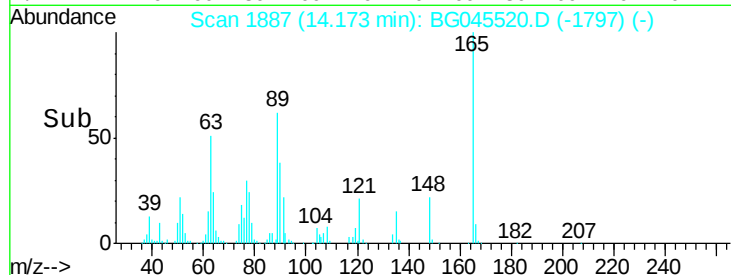
40000

20000

0

14.10 14.15 14.20

Time-->



#52

Acenaphthene

Concen: 45.34 ng m

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

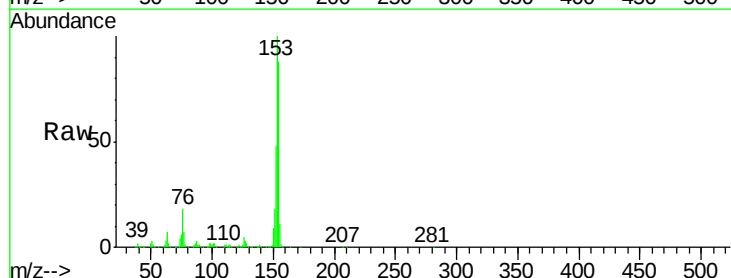
Tgt Ion:154 Resp: 494095

Ion Ratio Lower Upper

154 100

153 113.1 92.8 139.2

152 54.5 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

300000

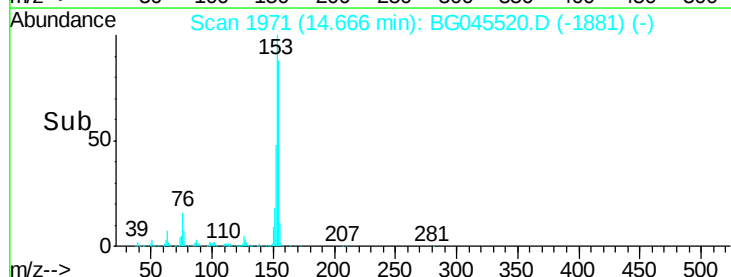
200000

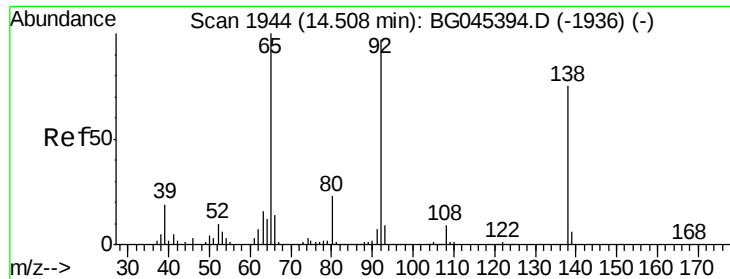
100000

0

14.60 14.70 14.80

Time-->





#53

3-Nitroaniline

Concen: 18.58 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

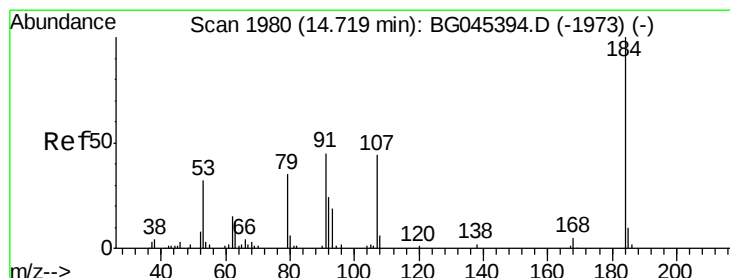
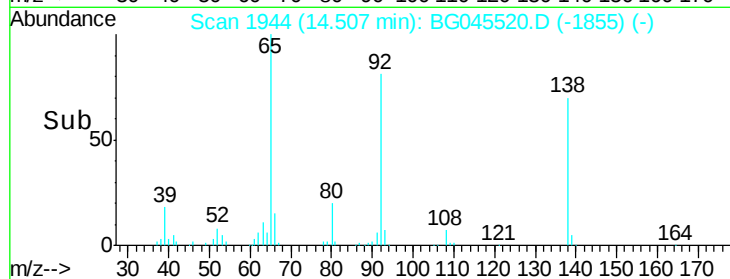
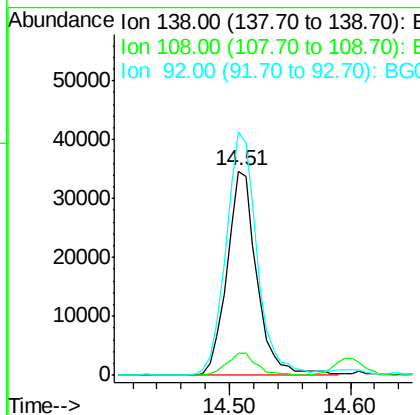
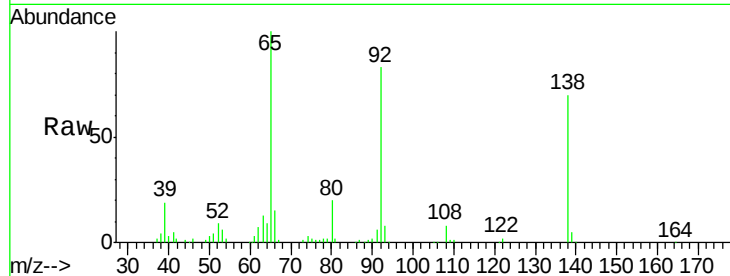
PB129114BS

Tgt Ion:138 Resp: 59374

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.8	14.6
92	119.4	103.0	154.4

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 73.65 ng

RT: 14.71 min Scan# 1979

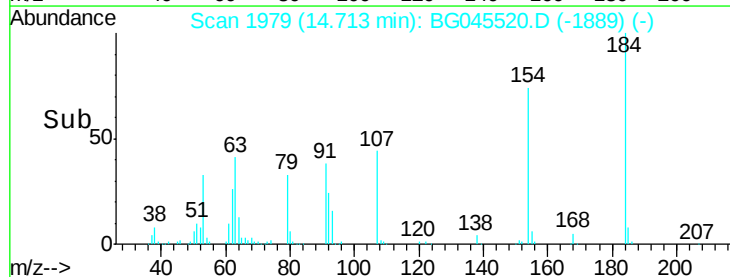
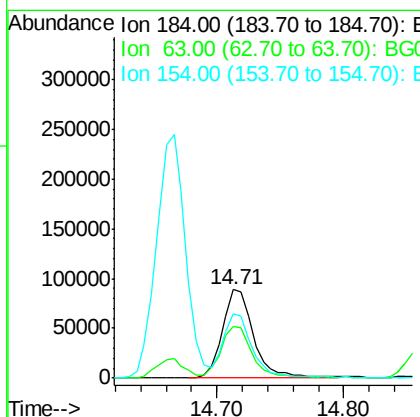
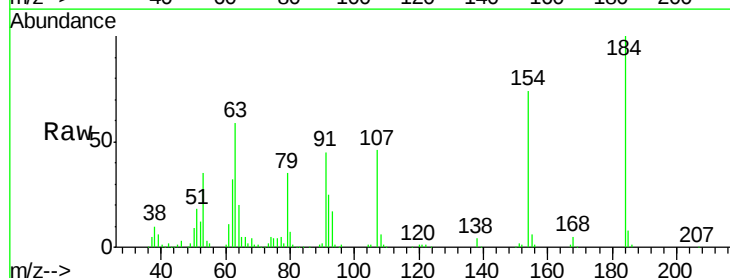
Delta R.T. -0.00 min

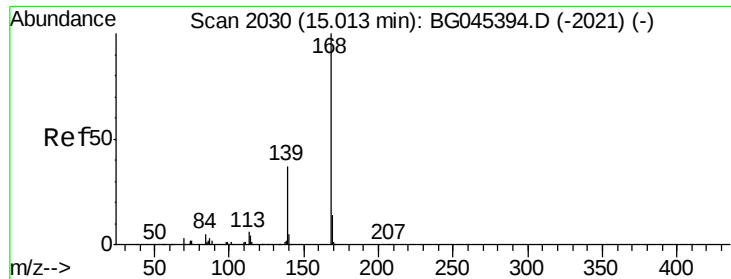
Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:184 Resp: 150745

Ion	Ratio	Lower	Upper
184	100		
63	58.8	47.8	71.6
154	73.7	58.3	87.5





#55

Dibenzenofuran

Concen: 39.54 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

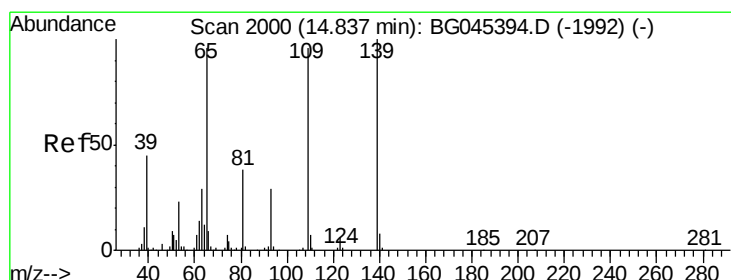
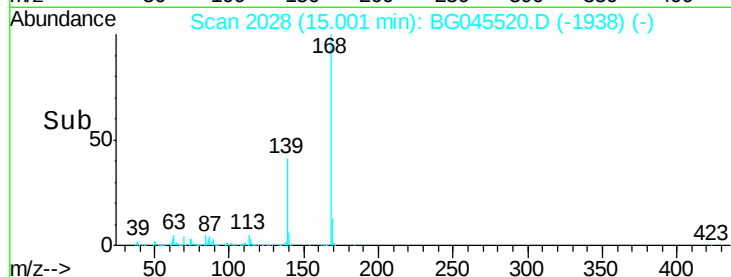
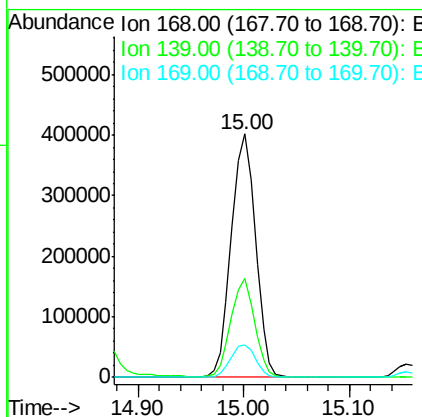
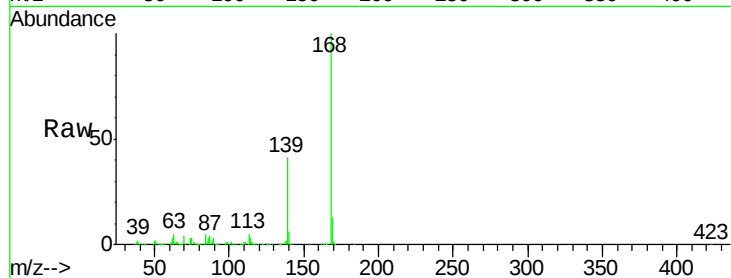
ClientSampleId :

PB129114BS

Tgt	Ion:168	Resp:	639932
Ion	Ratio	Lower	Upper
168	100		
139	40.5	29.9	44.9
169	13.4	10.9	16.3

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#56

4-Nitrophenol

Concen: 78.71 ng

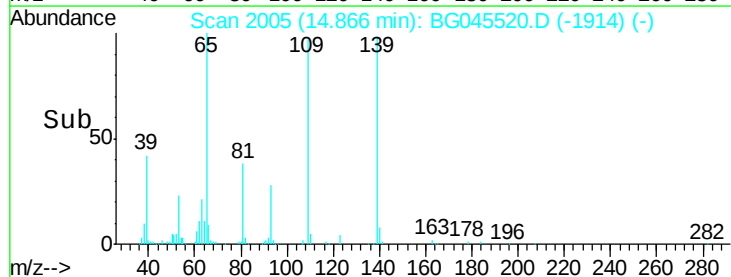
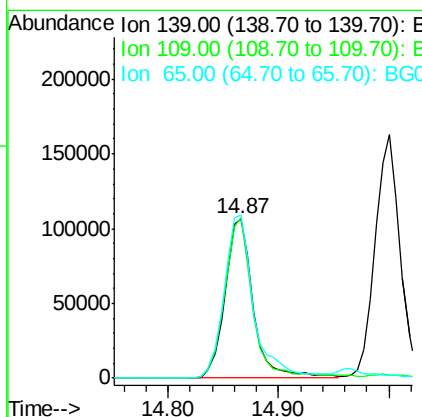
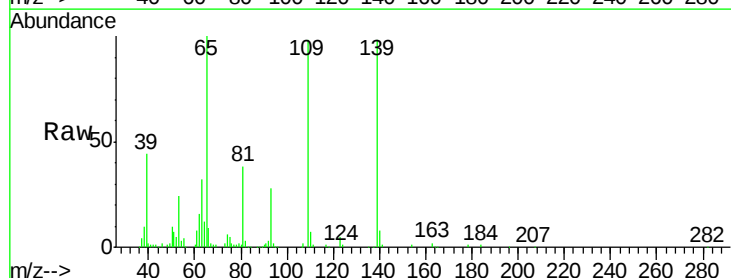
RT: 14.87 min Scan# 2005

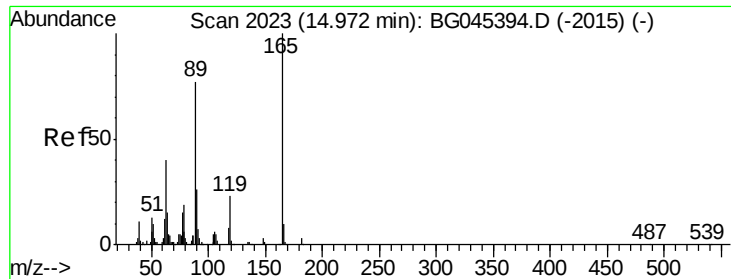
Delta R.T. 0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt	Ion:139	Resp:	190469
Ion	Ratio	Lower	Upper
139	100		
109	100.2	75.6	115.6
65	102.4	76.8	116.8





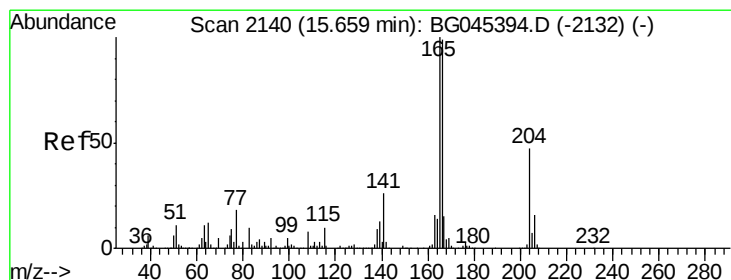
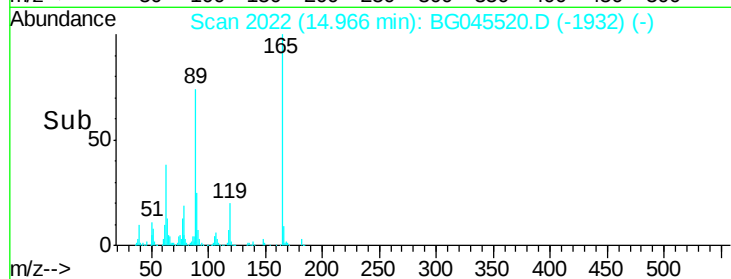
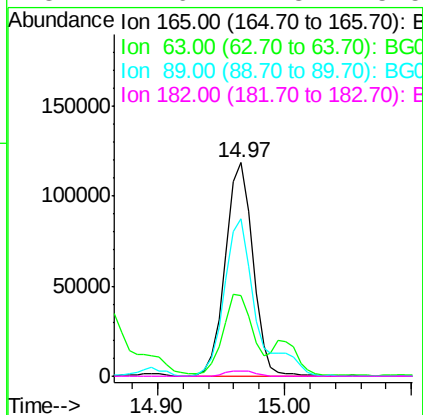
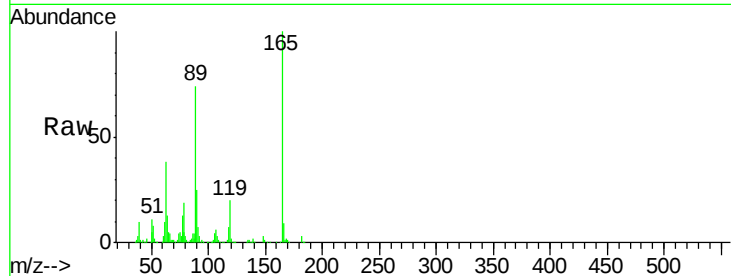
#57
2,4-Dinitrotoluene
Concen: 39.21 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178556		
63	37.9	32.5	48.7	
89	73.7	61.8	92.6	
182	2.6	2.3	3.5	

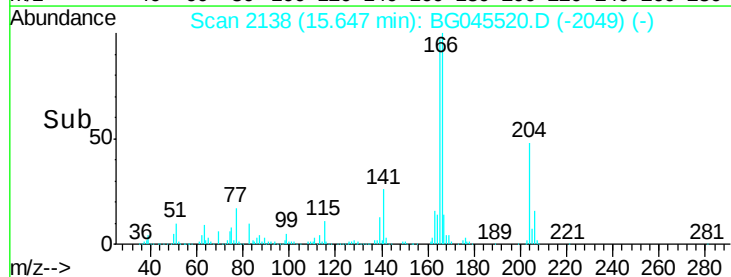
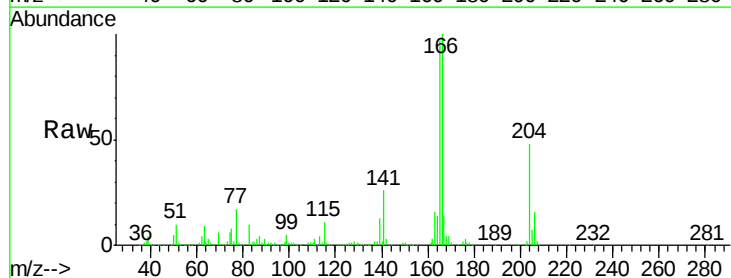
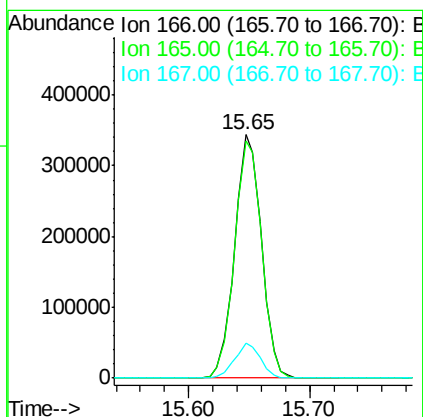
Manual Integrations
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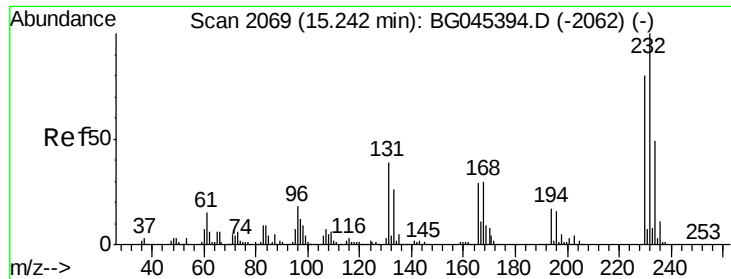
mohammad
6/1/2020 12:22:37 PM



#58
Fluorene
Concen: 40.04 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	532312		
165	97.3	80.8	121.2	
167	14.5	12.0	18.0	





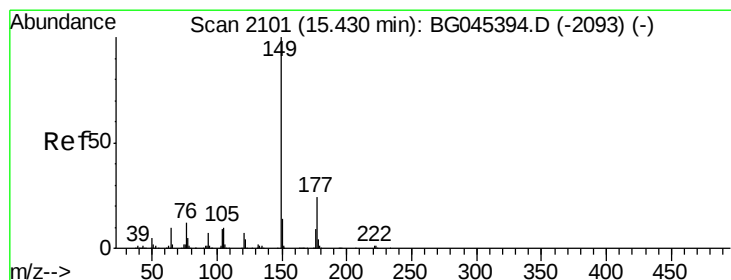
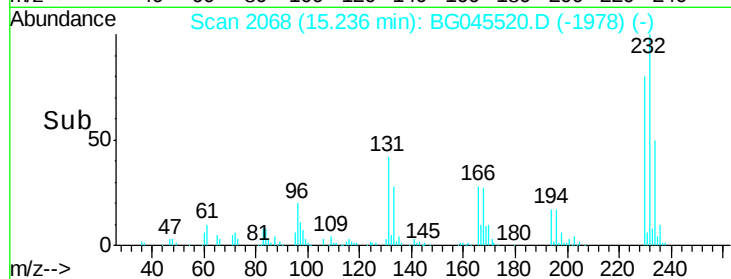
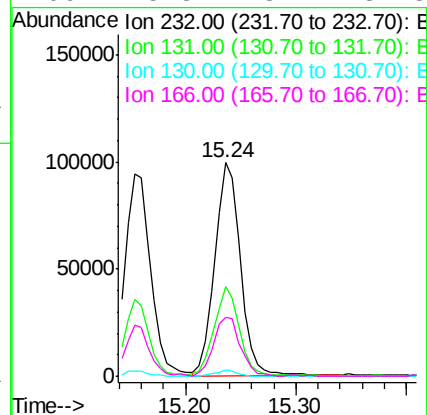
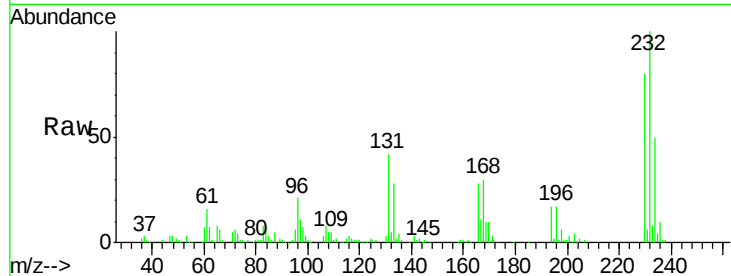
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.22 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	159367		
131	39.8	33.7	50.5	
130	2.4	2.1	3.1	
166	28.3	23.2	34.8	

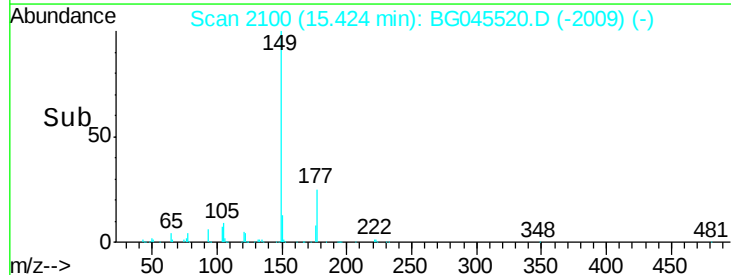
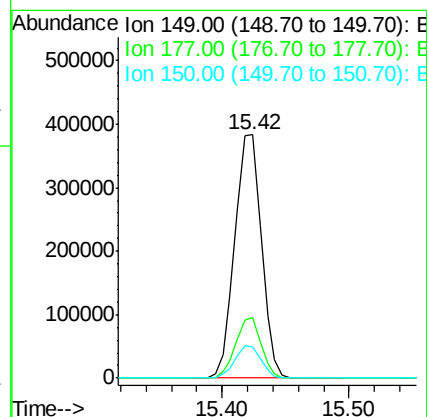
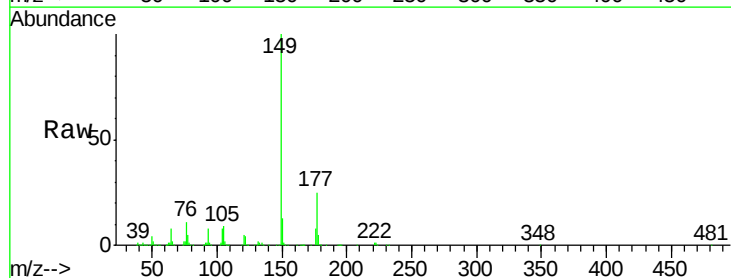
Manual Integrations
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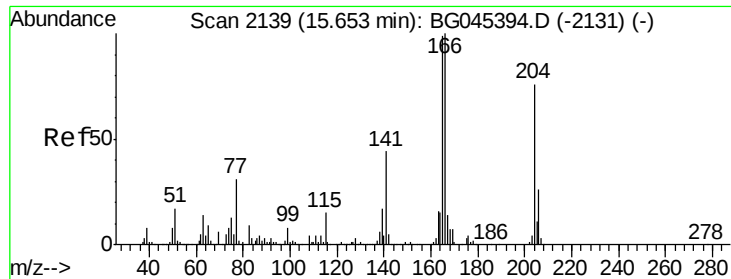
mohammad
 6/1/2020 12:22:37 PM



#60
 Diethylphthalate
 Concen: 38.42 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	557253		
177	24.7	19.0	28.4	
150	12.8	11.4	17.0	





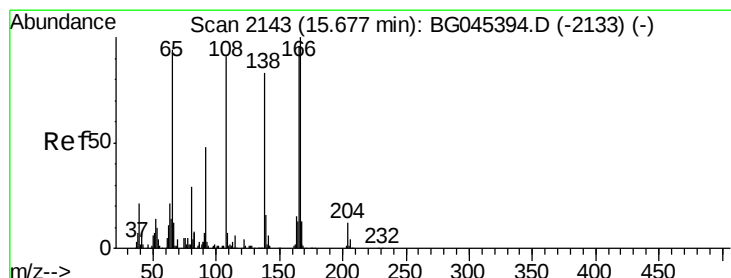
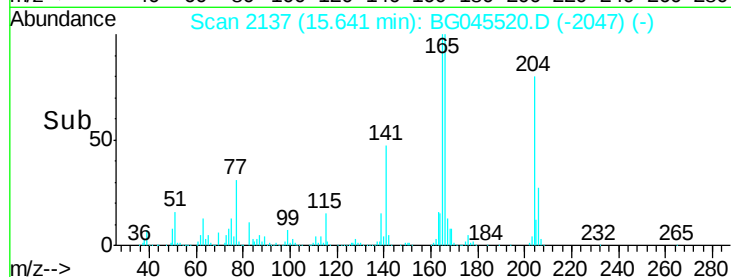
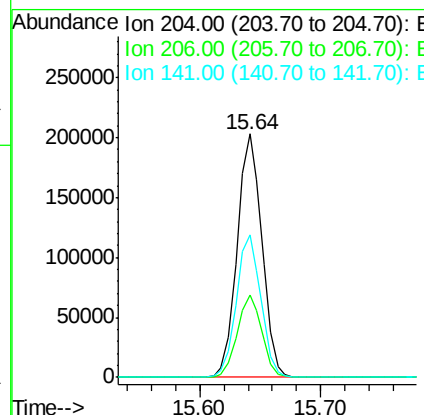
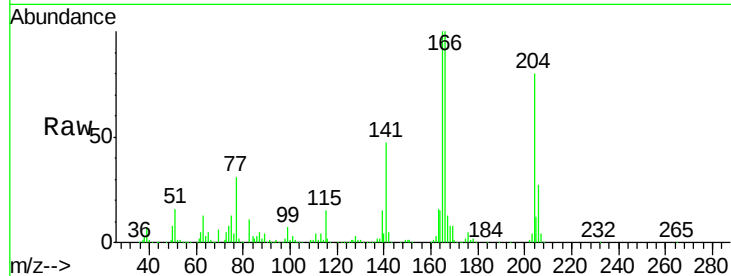
#61
 4-Chlorophenyl-phenylether
 Concen: 38.07 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampled :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	289627		
206	33.7	27.3	40.9	
141	58.4	45.9	68.9	

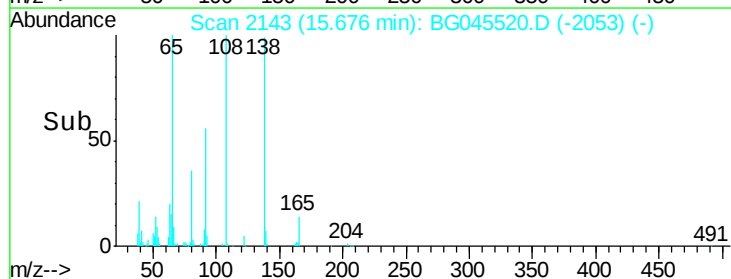
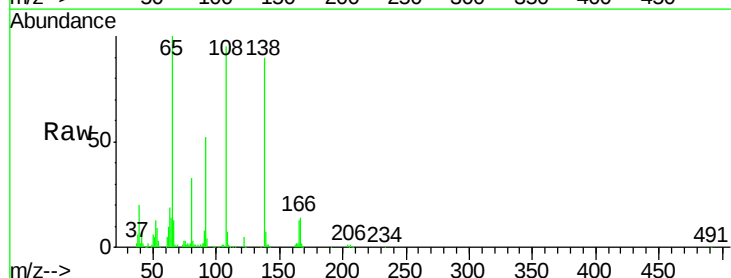
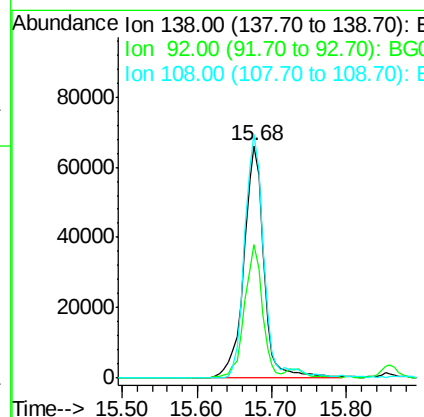
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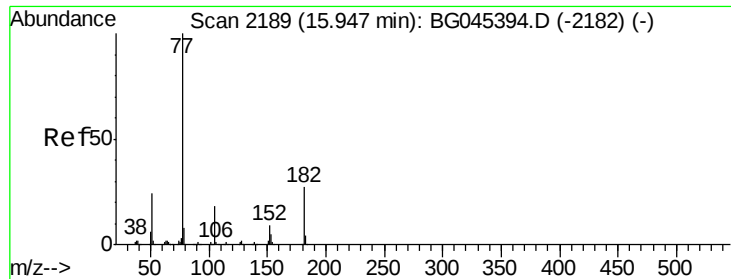
mohammad
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#62
 4-Nitroaniline
 Concen: 36.89 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	123100		
92	57.5	38.0	78.0	
108	104.8	89.3	129.3	





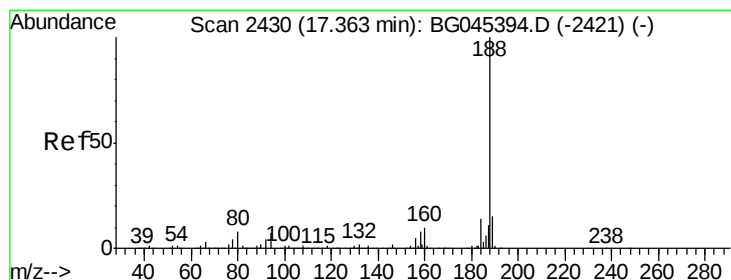
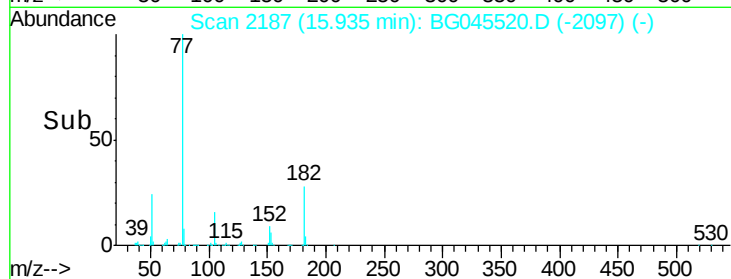
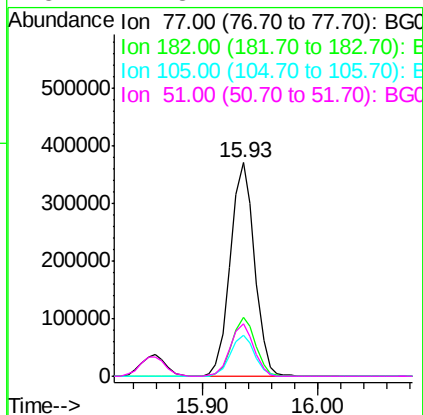
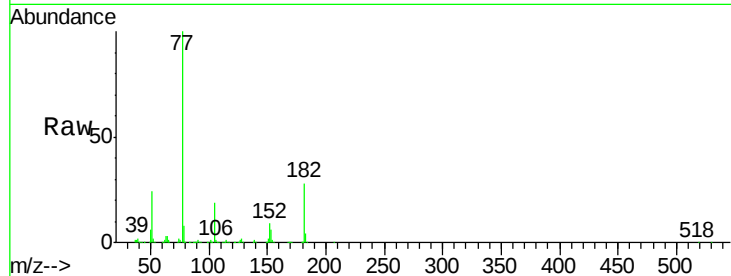
#63
Azobenzene
Concen: 39.72 ng
RT: 15.93 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.5	46.5
105	19.1	0.0	37.9
51	24.3	4.1	44.1

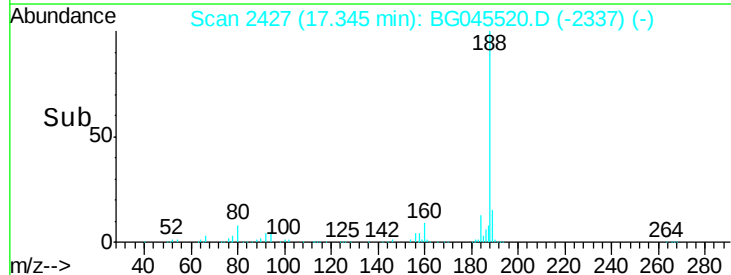
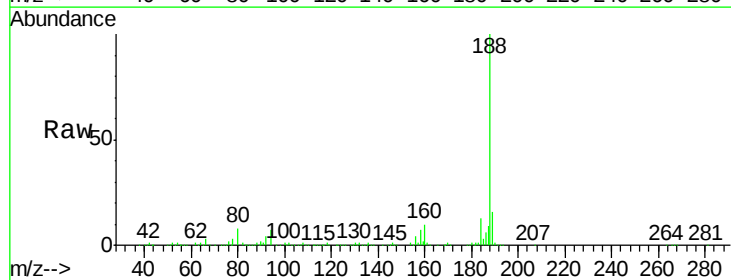
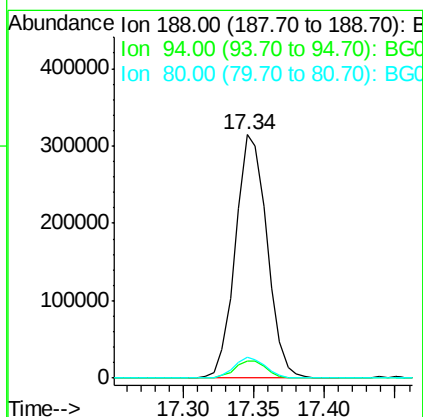
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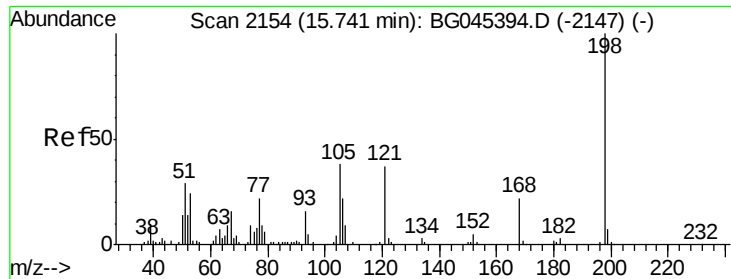
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.4	6.6	10.0





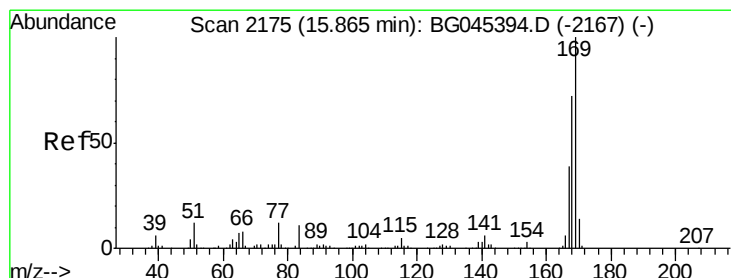
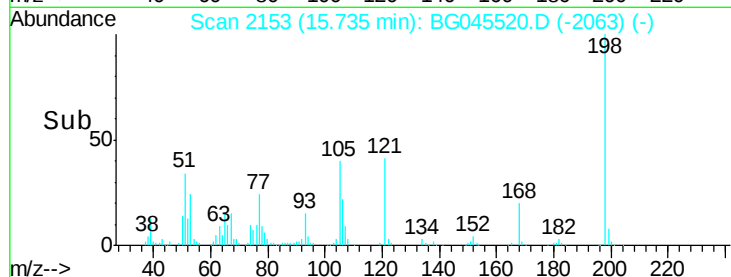
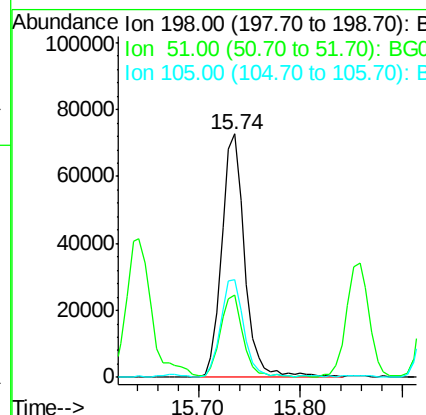
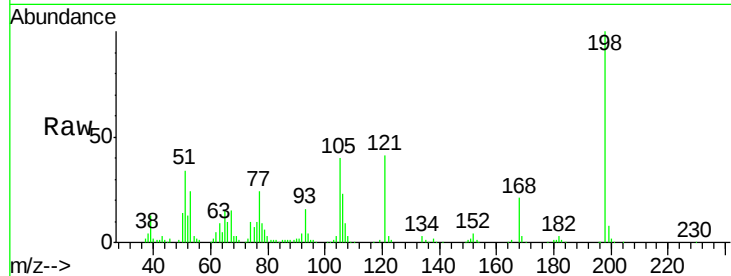
#65
4,6-Dinitro-2-methylphenol
Concen: 40.05 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	114608		
51	34.0	10.0	50.0	
105	40.0	18.9	58.9	

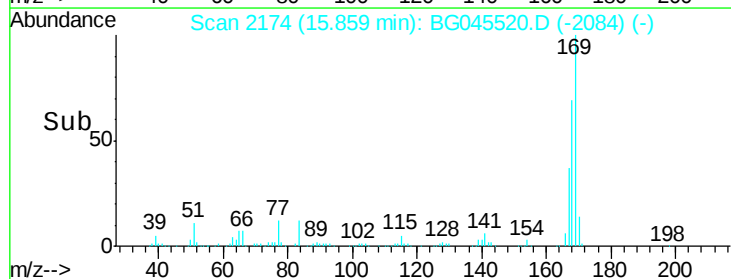
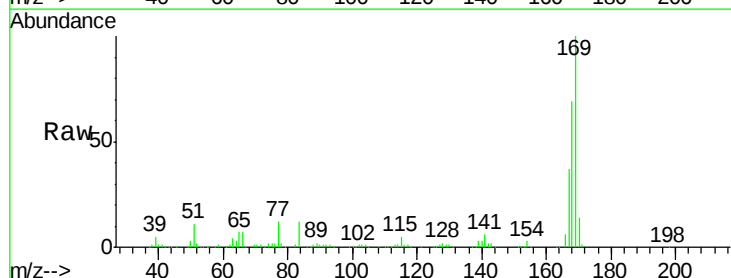
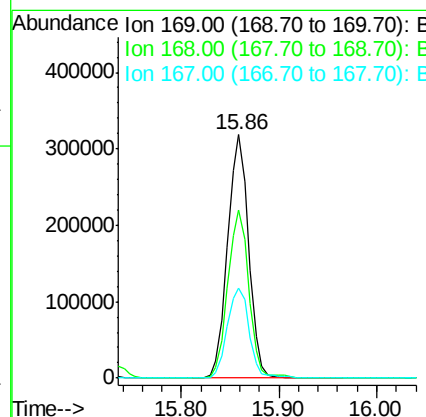
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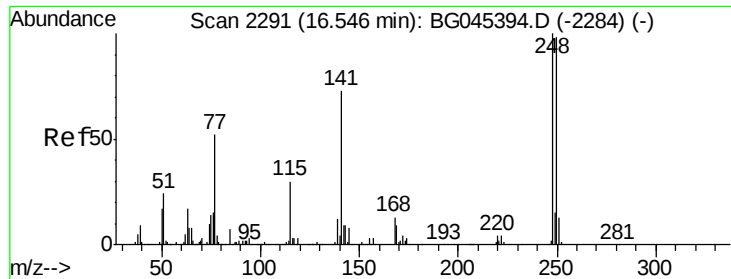
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.25 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	474810		
168	68.8	57.8	86.6	
167	36.9	31.5	47.3	





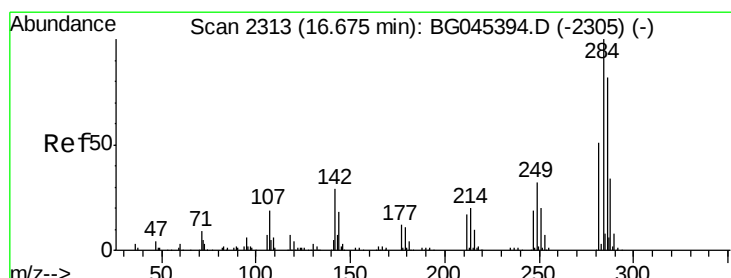
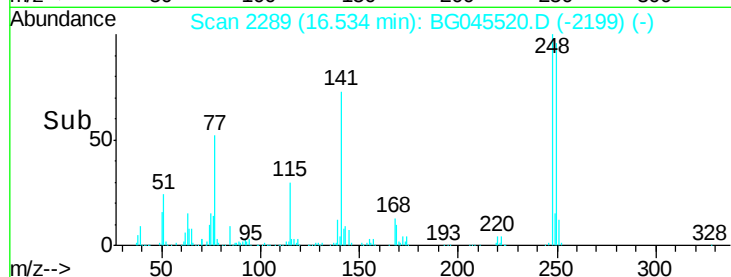
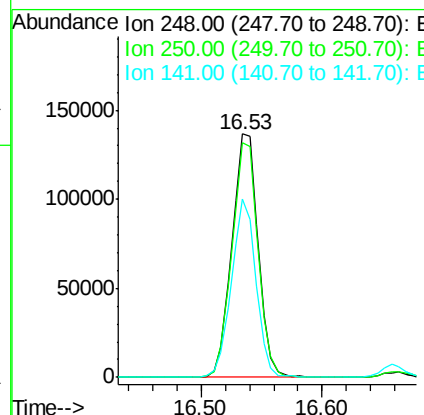
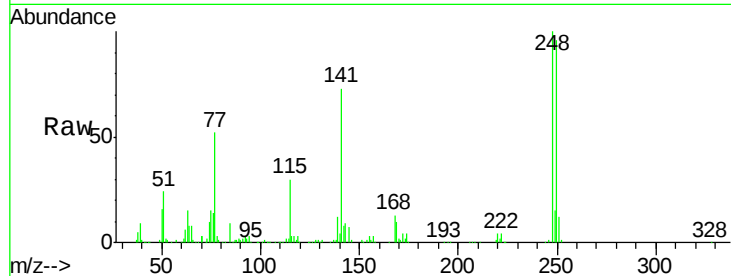
#67
4-Bromophenyl-phenylether
Concen: 38.78 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	117.8
141	73.3	58.2	87.2

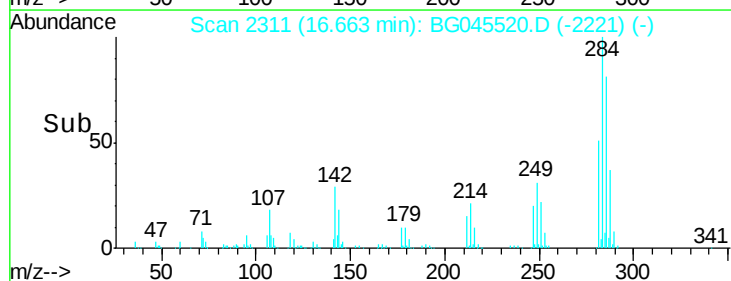
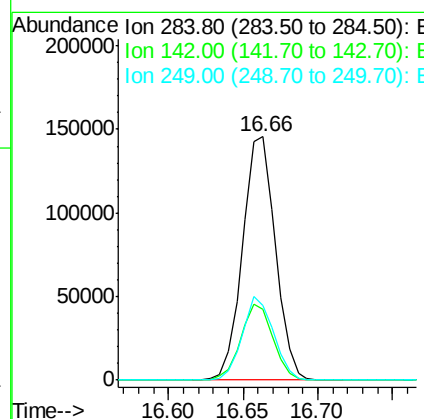
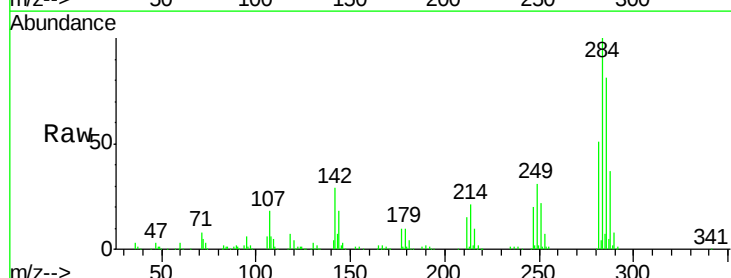
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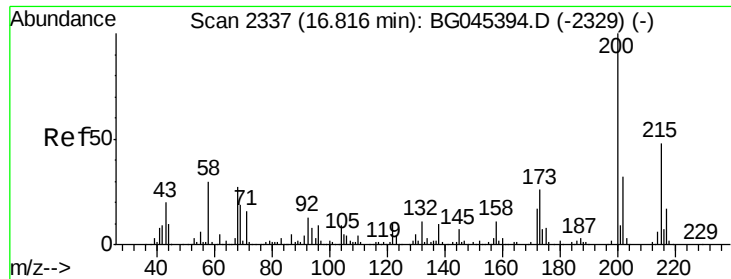
mohammad
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#68
Hexachlorobenzene
Concen: 39.86 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.0	34.6
249	30.6	25.8	38.6





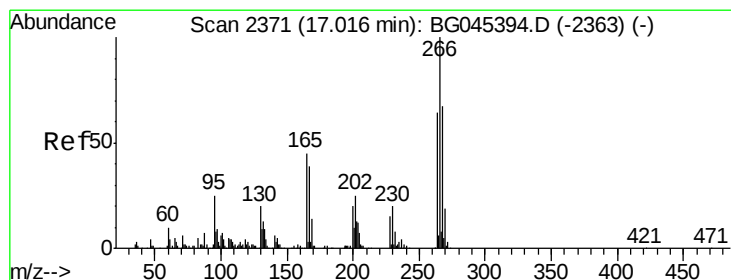
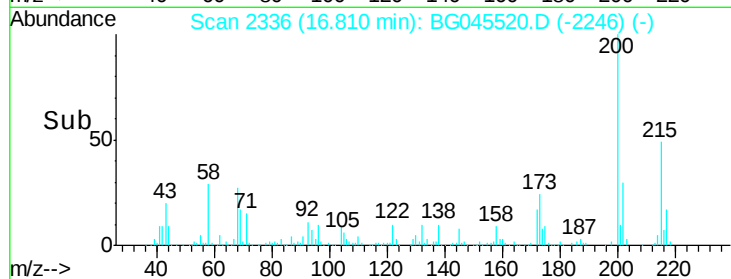
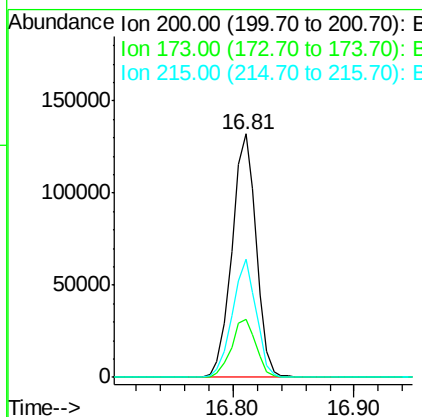
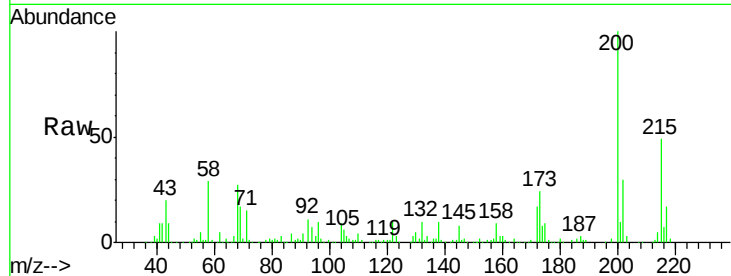
#69
 Atrazine
 Concen: 38.01 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184674		
173	23.9	5.5	45.5	
215	48.5	28.2	68.2	

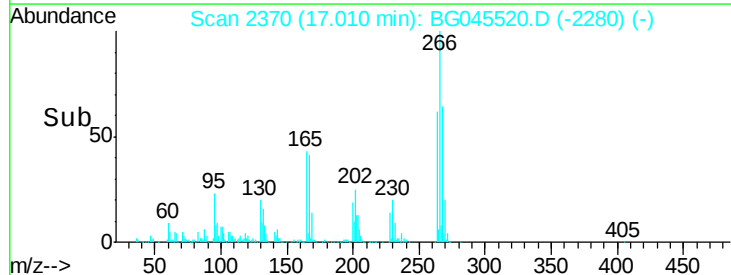
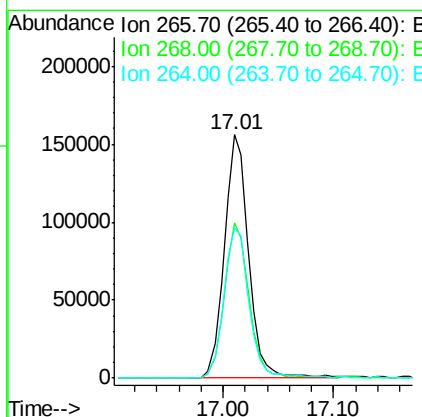
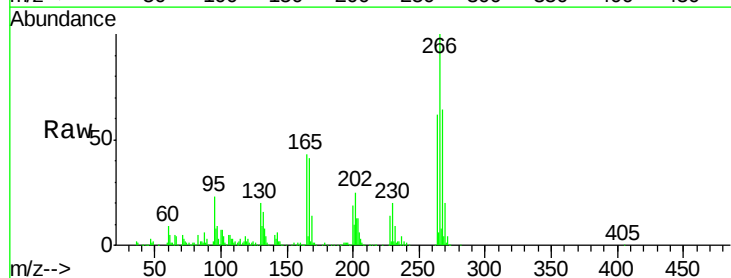
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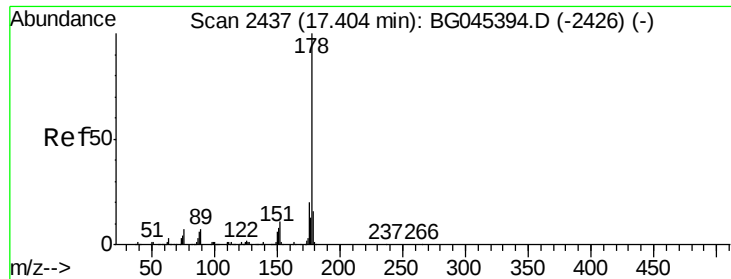
mohammad
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#70
 Pentachlorophenol
 Concen: 83.22 ng
 RT: 17.01 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	240465		
268	63.7	53.2	79.8	
264	61.7	51.0	76.4	





#71

Phenanthrene

Concen: 40.29 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

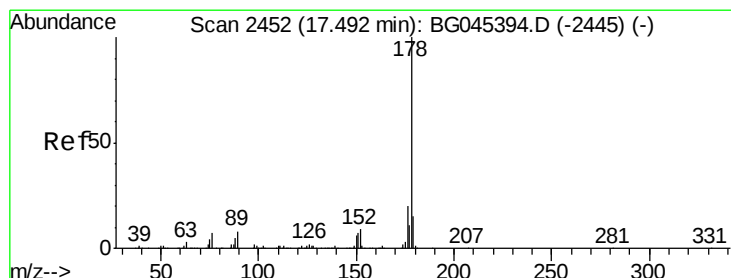
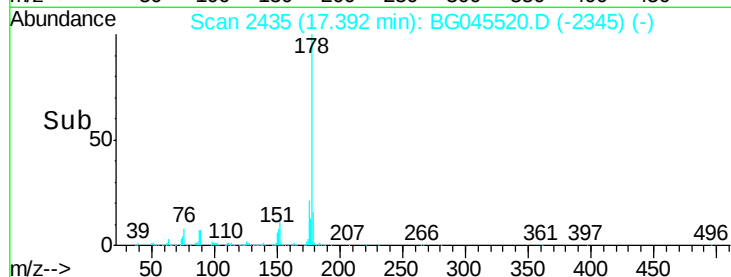
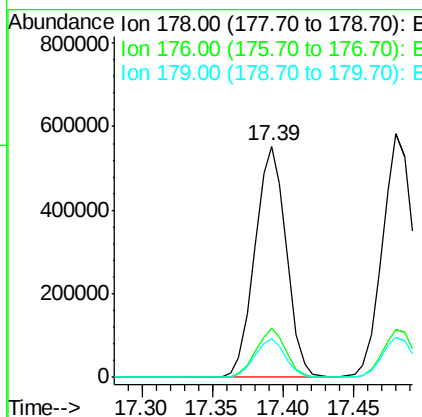
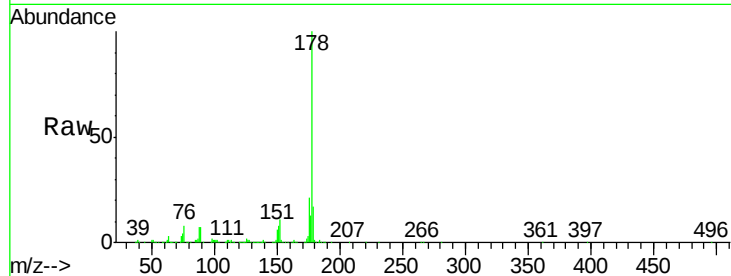
ClientSampleId :

PB129114BS

Tgt Ion:	178	Resp:	864199
Ion Ratio	Lower	Upper	
178	100		
176	21.1	16.2	24.4
179	16.5	13.1	19.7

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#72

Anthracene

Concen: 41.50 ng

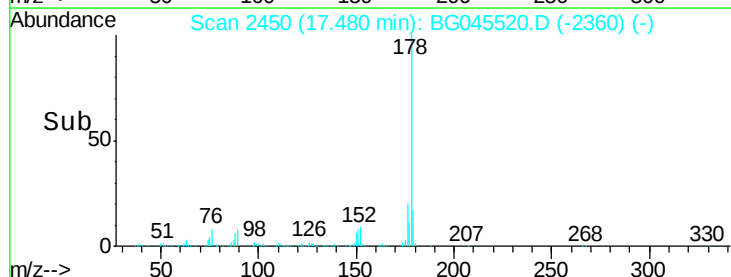
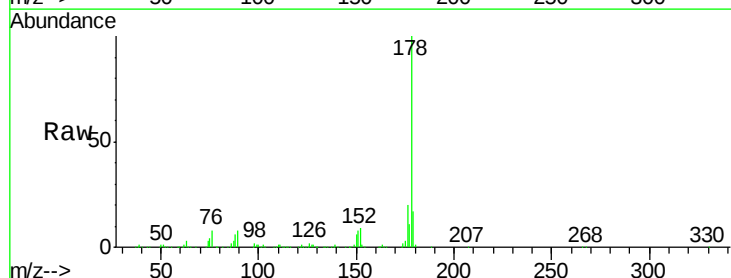
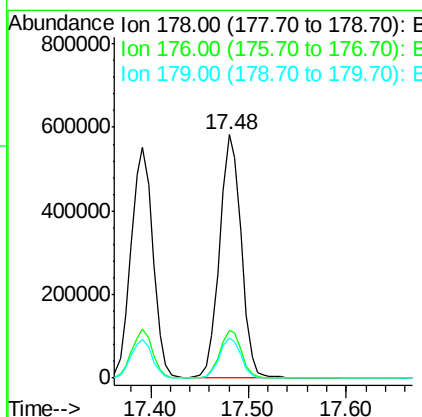
RT: 17.48 min Scan# 2450

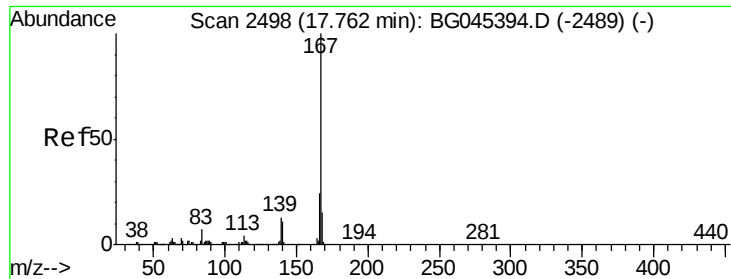
Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:	178	Resp:	893997
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.6
179	16.7	12.2	18.4





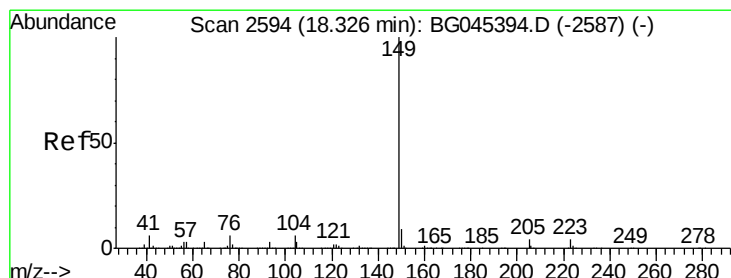
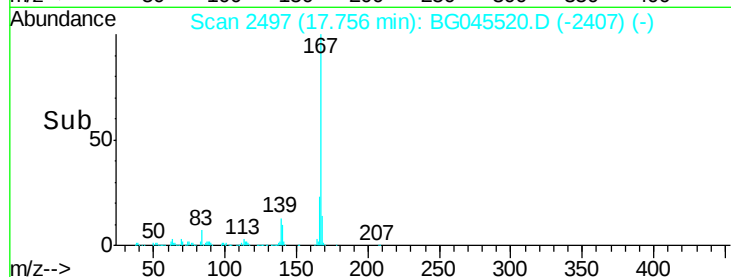
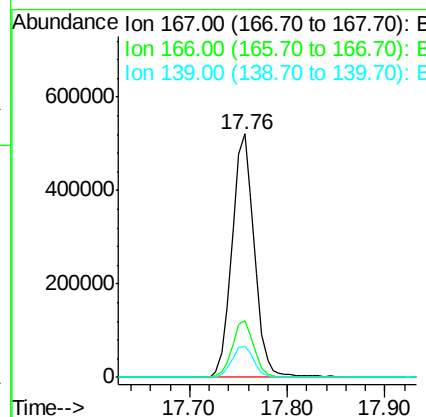
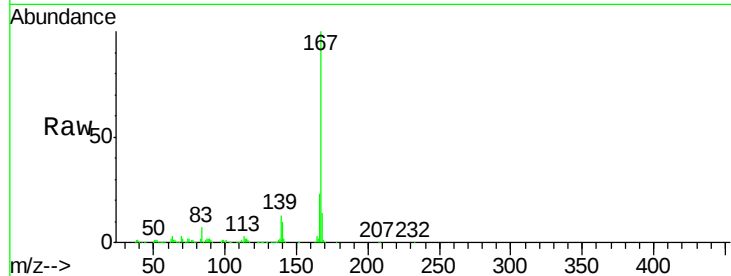
#73
 Carbazole
 Concen: 39.32 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	825646		
166	23.2		19.2	28.8
139	12.7		10.6	16.0

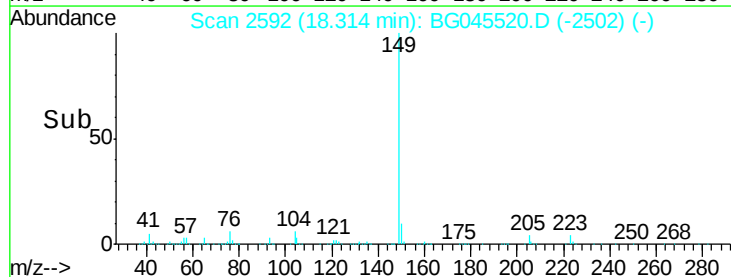
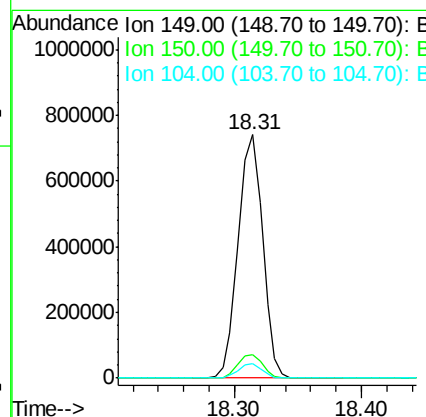
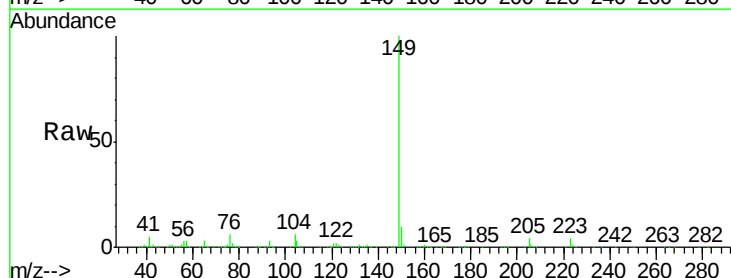
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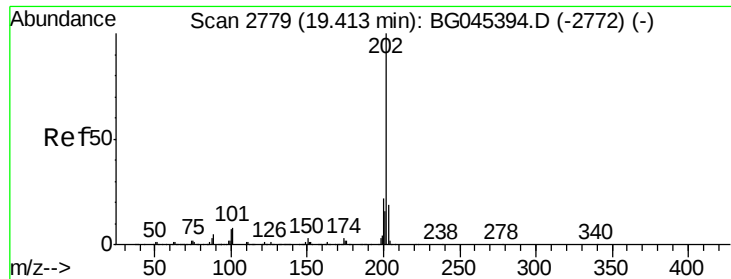
mohammad
 6/1/2020 12:22:37 PM



#74
 Di-n-butylphthalate
 Concen: 39.33 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	991087		
150	9.7		7.6	11.4
104	6.2		5.0	7.4





#75

Fluoranthene

Concen: 39.80 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tgt Ion:202 Resp: 1085978

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

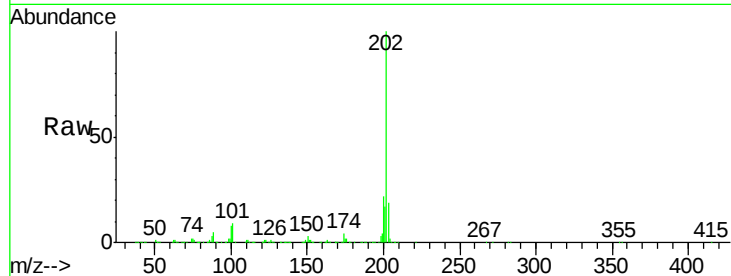
203 19.1 0.0 39.0

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mohammad

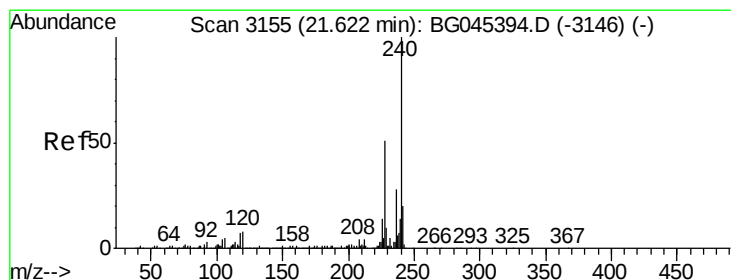
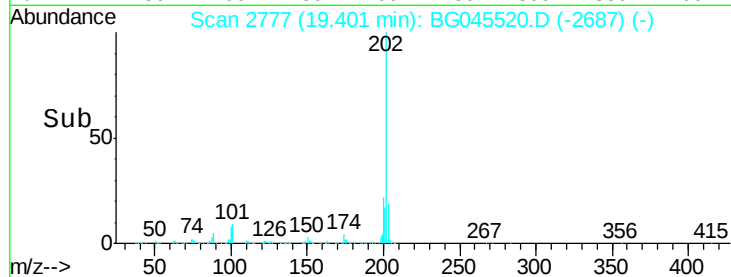
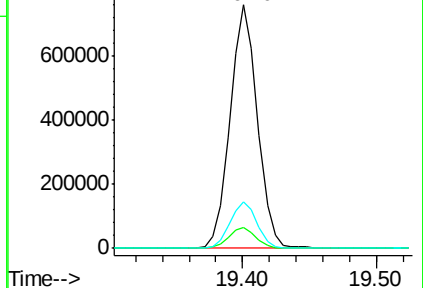
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion:240 Resp: 470062

Ion Ratio Lower Upper

240 100

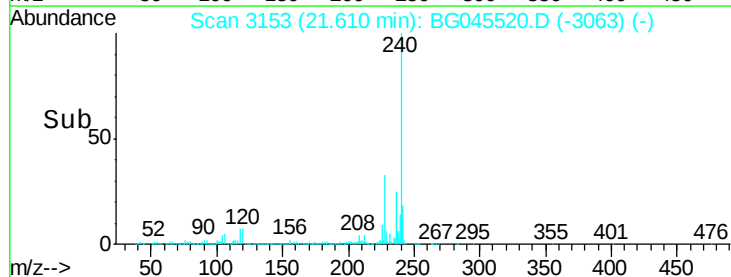
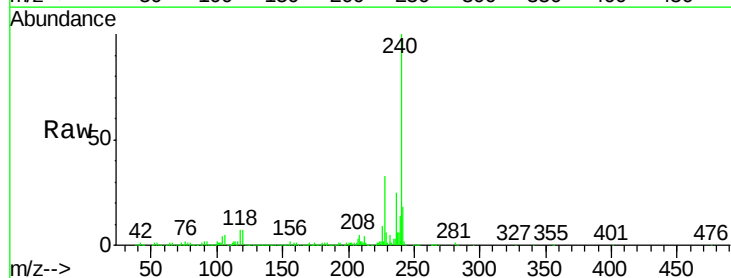
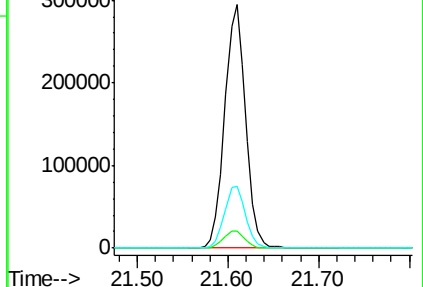
120 6.9 6.1 9.1

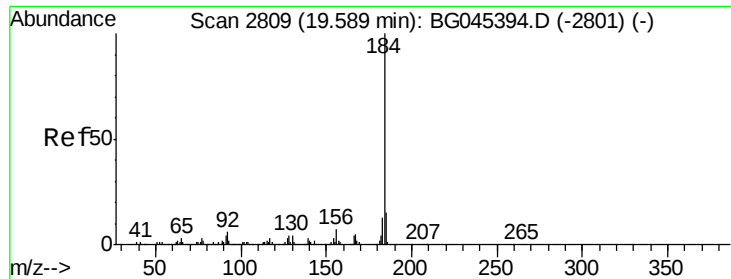
236 25.2 22.3 33.5

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.89 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

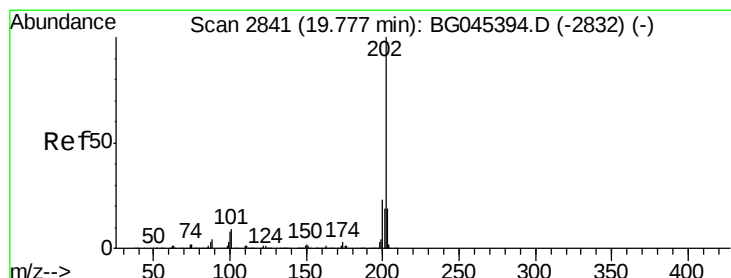
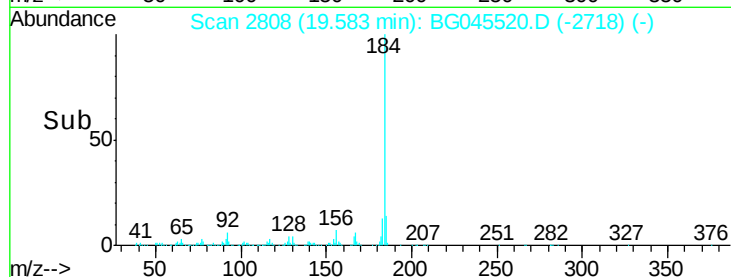
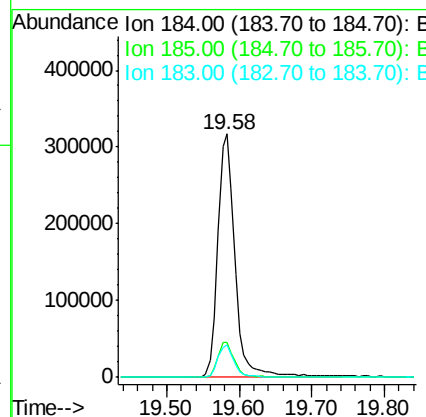
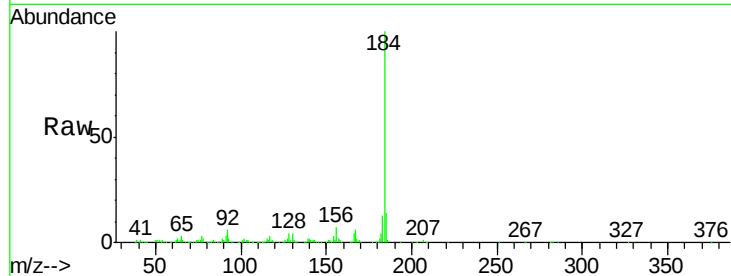
ClientSampleId :

PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	526629		
185	14.5		11.7	17.5
183	13.2		10.2	15.4

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#78

Pyrene

Concen: 40.69 ng

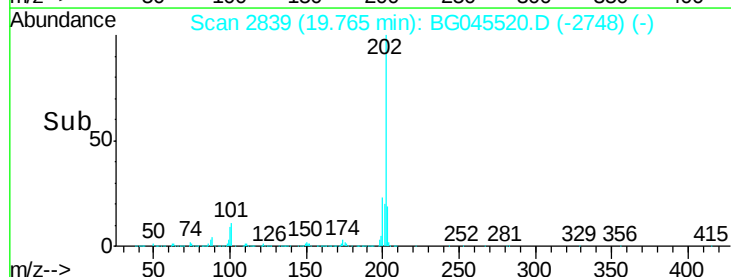
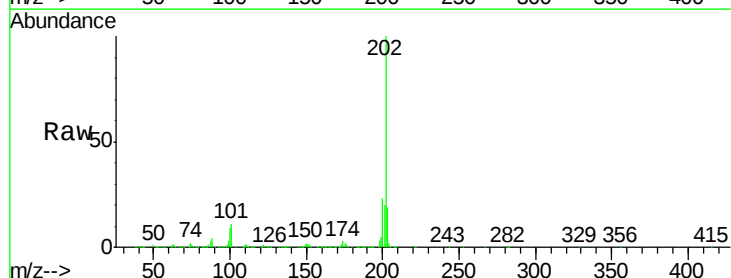
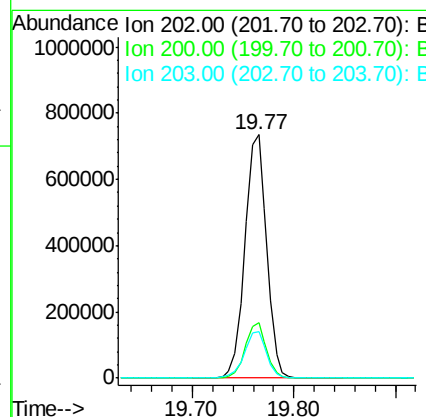
RT: 19.77 min Scan# 2839

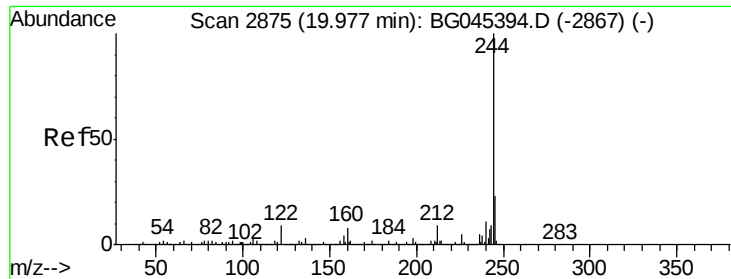
Delta R.T. 0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1090319		
200	22.7		18.2	27.2
203	19.1		15.1	22.7





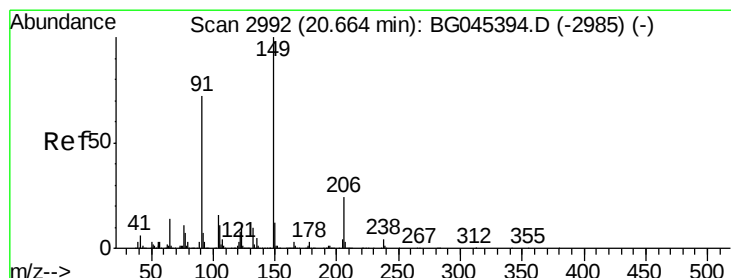
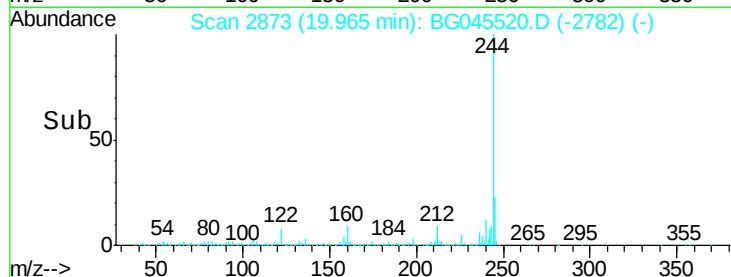
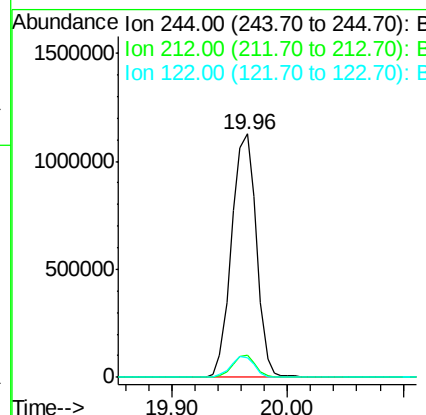
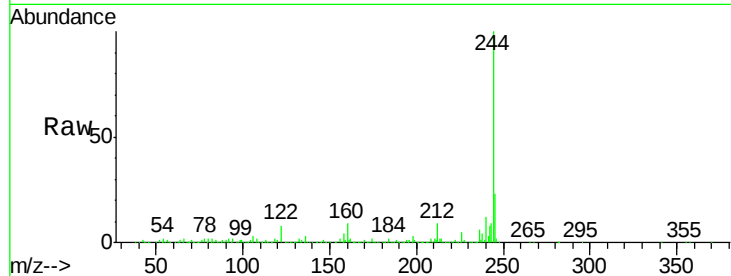
#79
 Terphenyl-d14
 Concen: 82.97 ng
 RT: 19.96 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.0
122	8.3	6.8	10.2

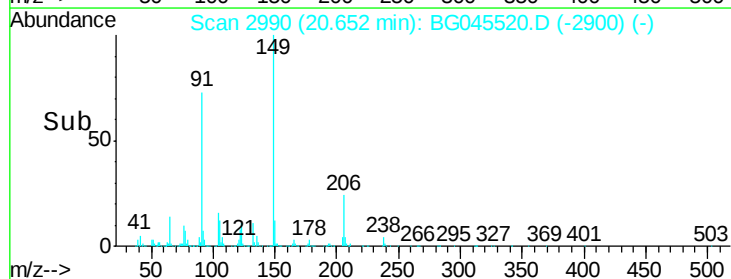
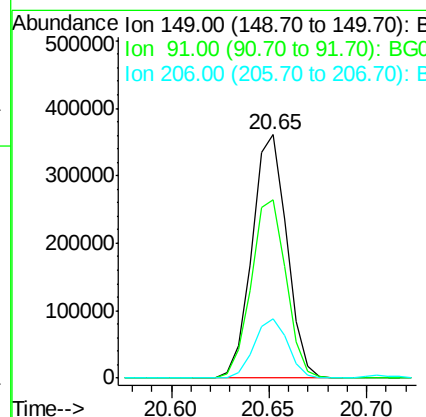
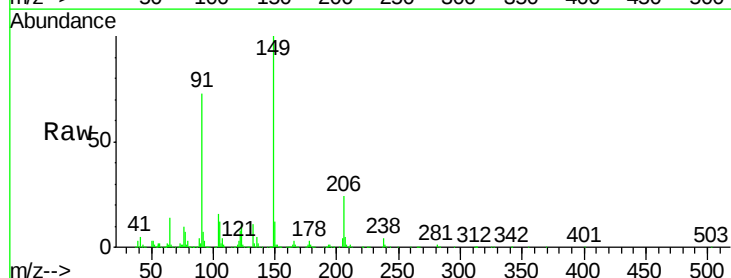
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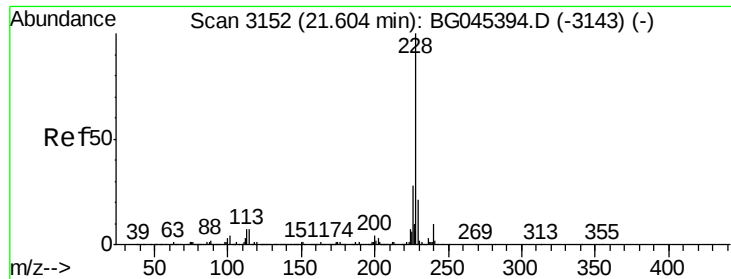
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.42 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. -0.00 min
 Lab File: BG045520.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	57.8	86.6
206	24.4	19.1	28.7





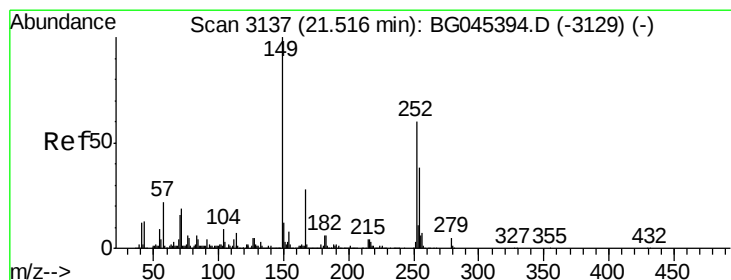
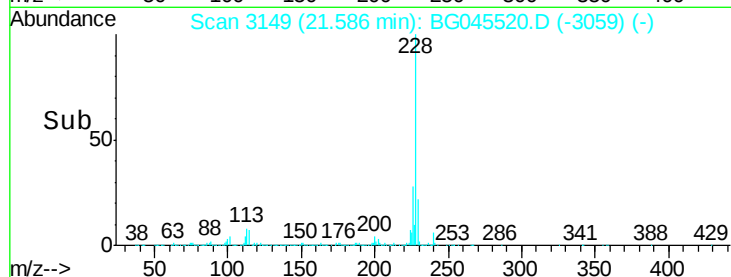
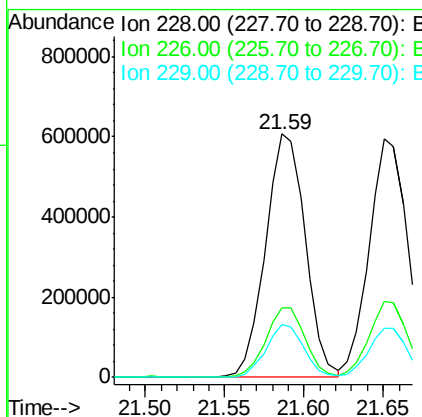
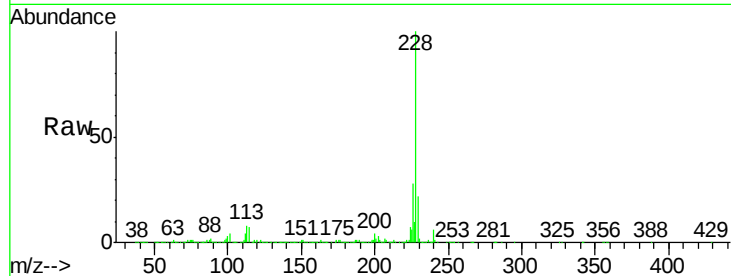
#81
Benzo(a)anthracene
Concen: 40.52 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	21.5	16.7	25.1

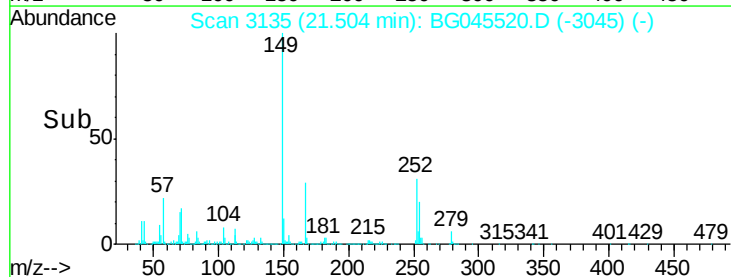
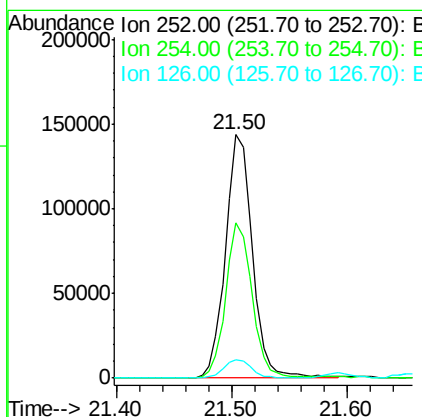
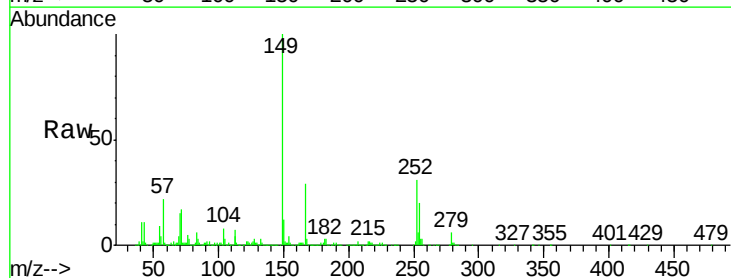
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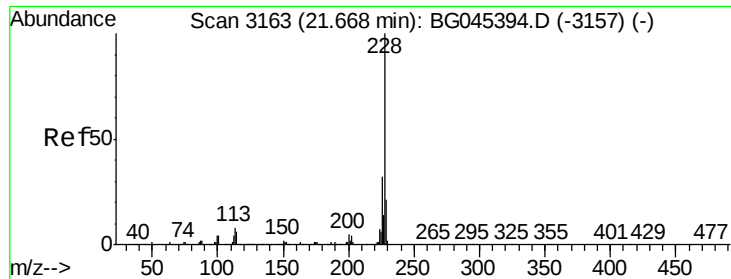
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.69 ng
RT: 21.50 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	7.4	6.6	10.0





#83

Chrysene

Concen: 39.74 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tgt Ion:228 Resp: 1000671

Ion Ratio Lower Upper

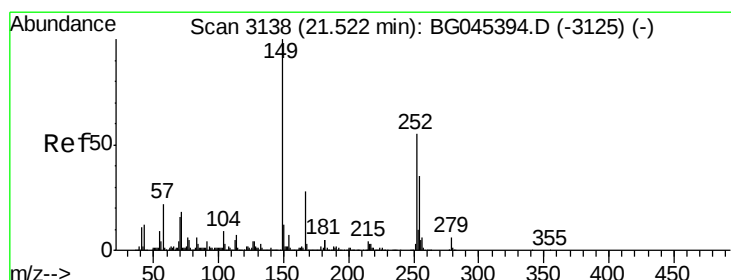
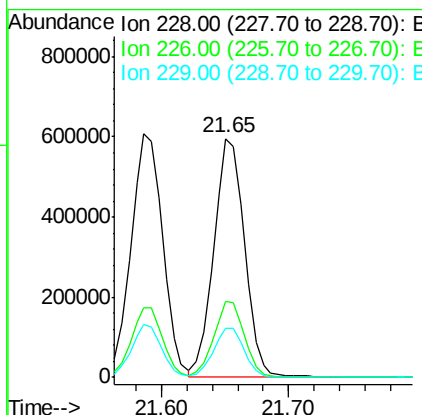
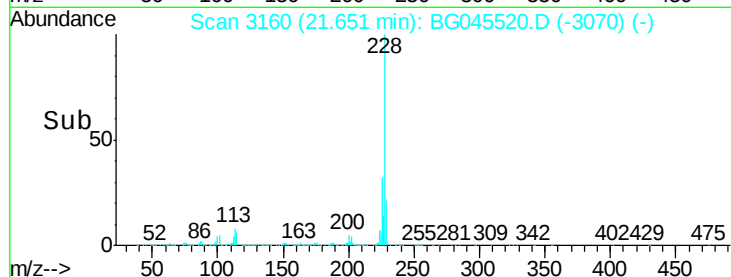
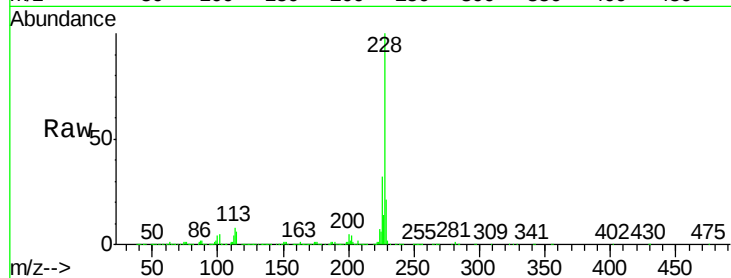
228 100

226 31.8 25.2 37.8

229 20.7 16.7 25.1

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.19 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

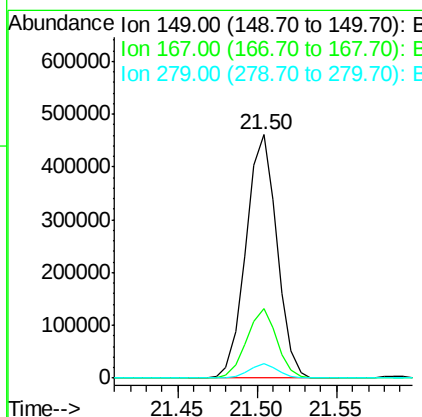
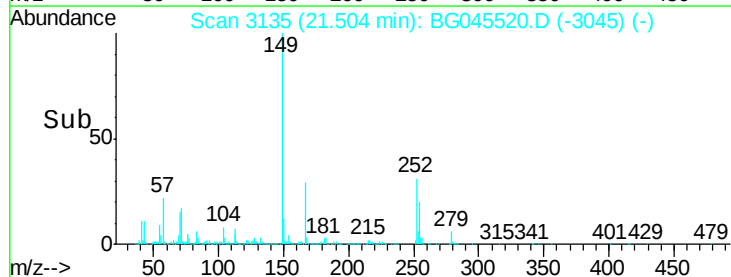
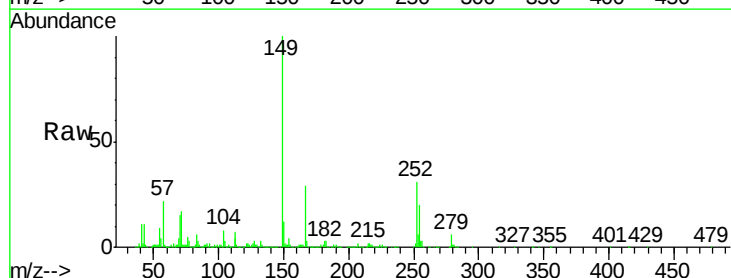
Tgt Ion:149 Resp: 623109

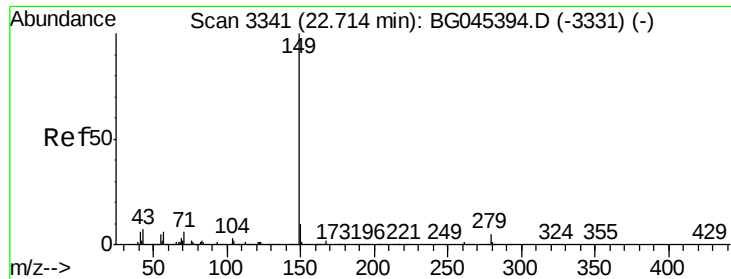
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

279 5.7 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 38.83 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tgt Ion:149 Resp: 1060399

Ion Ratio Lower Upper

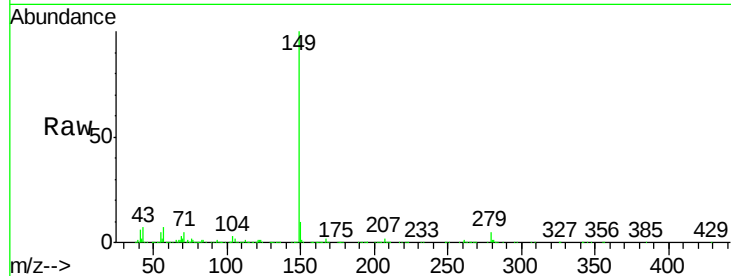
149 100

167 1.8 1.4 2.0

43 7.1 5.8 8.8

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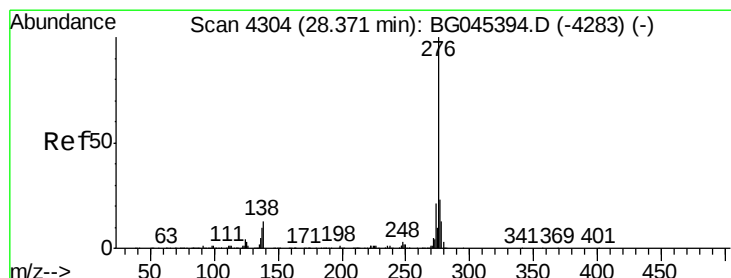
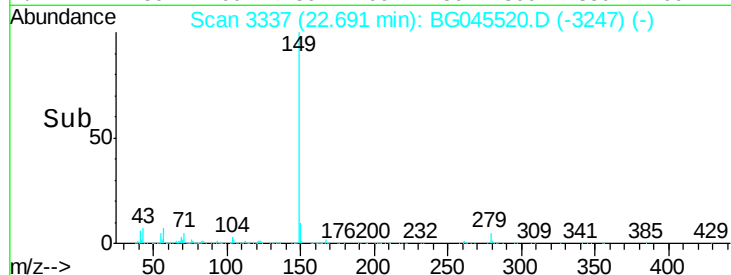
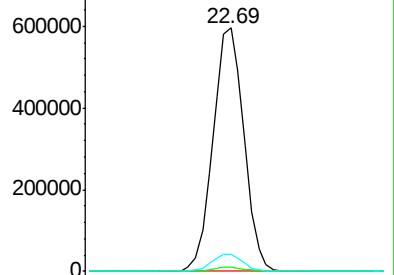
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.94 ng

RT: 28.32 min Scan# 4296

Delta R.T. -0.02 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

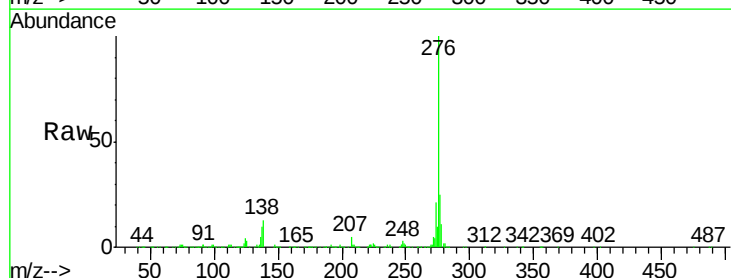
Tgt Ion:276 Resp: 1314897

Ion Ratio Lower Upper

276 100

138 15.9 8.6 12.8#

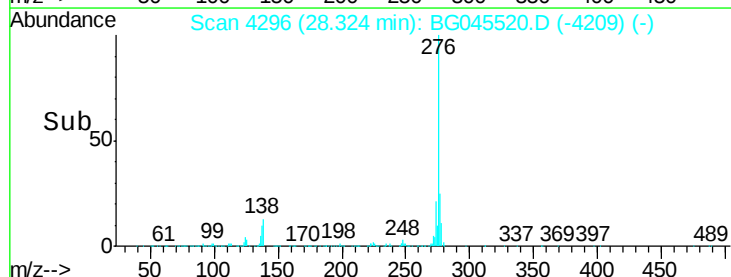
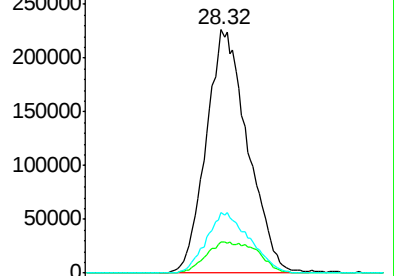
277 25.9 20.2 30.4

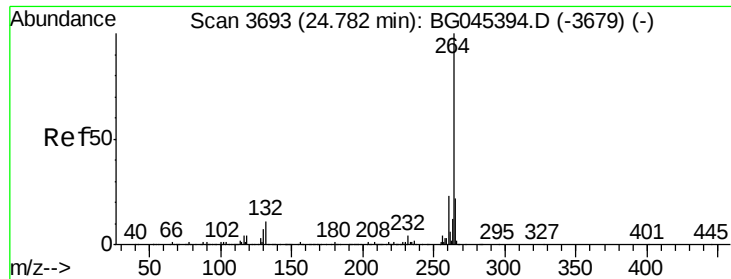


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





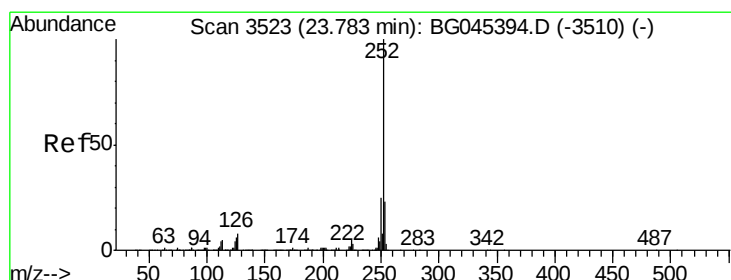
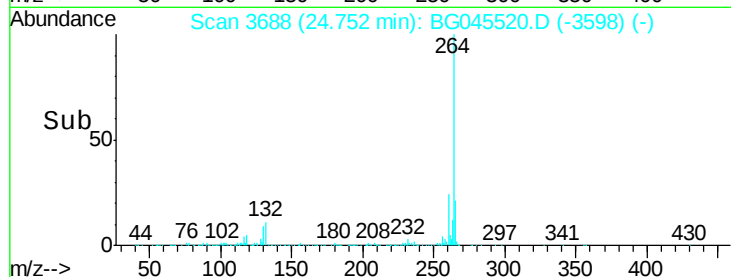
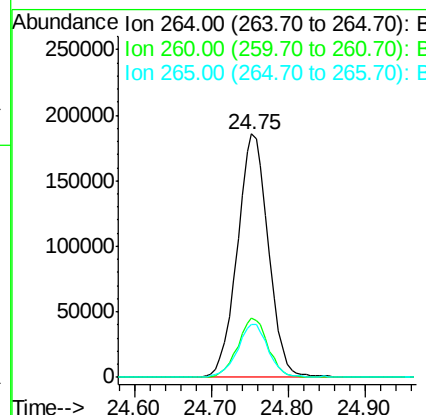
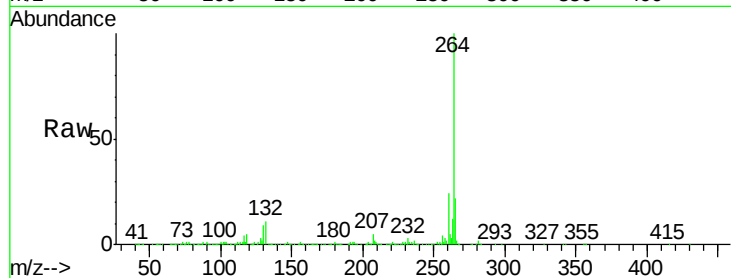
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	522090		
260	24.2	18.2	27.4	
265	21.6	17.6	26.4	

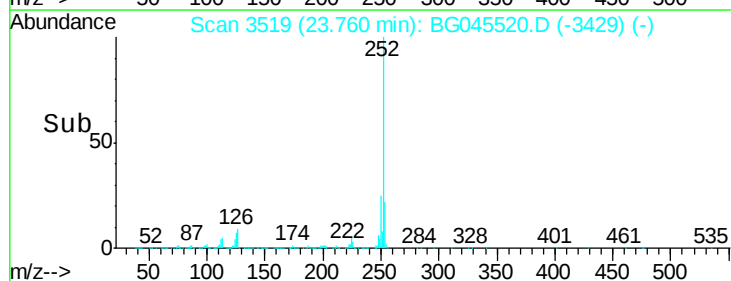
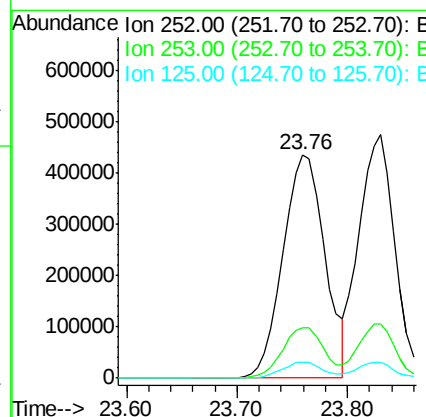
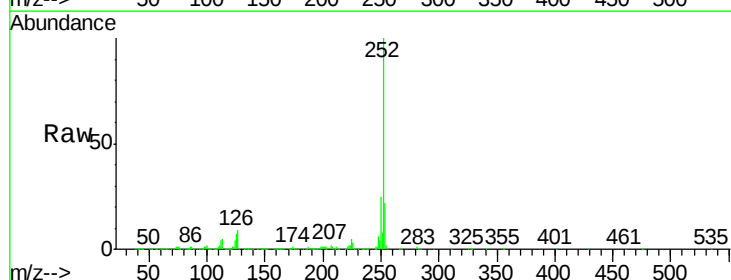
Manual Integrations
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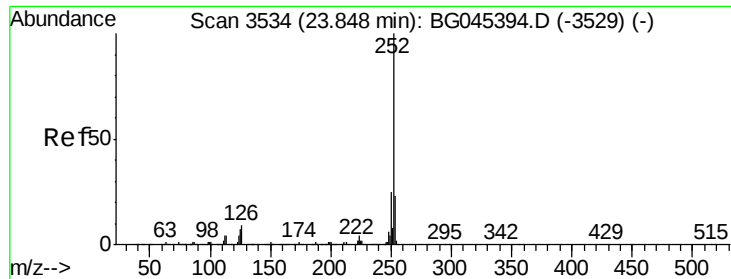
mohammad
6/1/2020 12:22:37 PM



#88
Benzo(b)fluoranthene
Concen: 40.67 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1138737		
253	22.5	18.1	27.1	
125	6.9	5.0	7.6	





#89

Benzo(k)fluoranthene

Concen: 41.23 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tgt Ion:252 Resp: 1084470

Ion Ratio Lower Upper

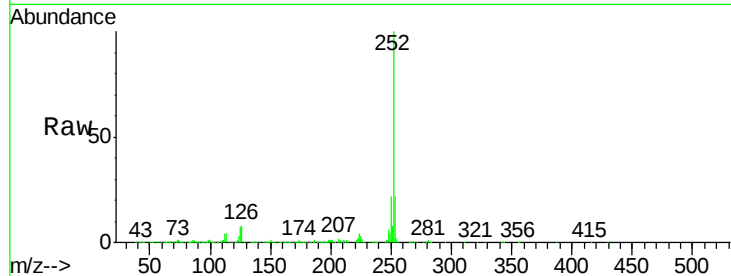
252 100

253 22.5 18.4 27.6

125 6.7 5.7 8.5

Manual Integrations
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6/1/2020 12:22:37 PM

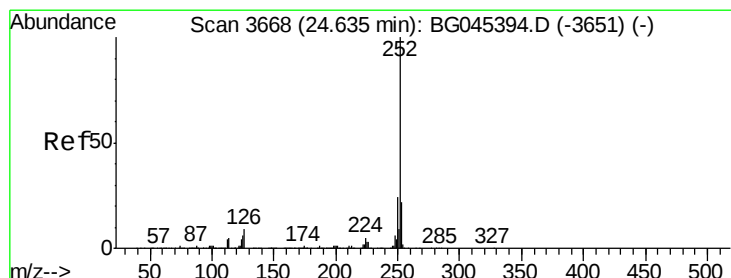
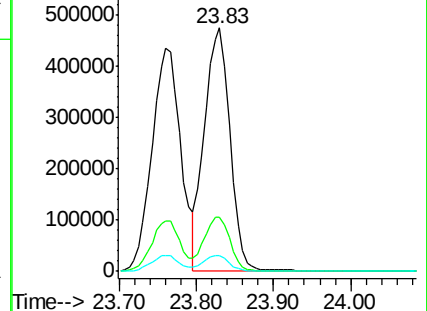
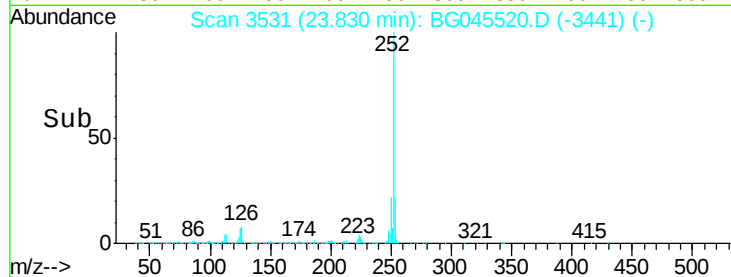


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.83



#90

Benzo(a)pyrene

Concen: 39.62 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BG045520.D

Acq: 29 May 2020 12:38

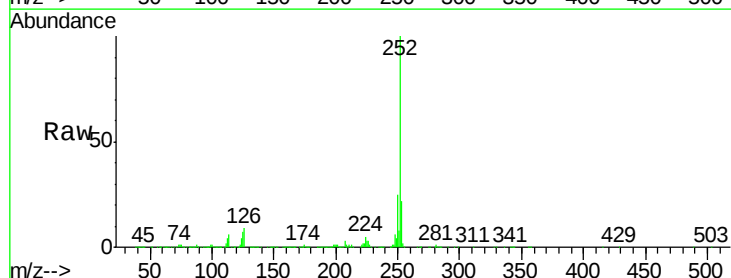
Tgt Ion:252 Resp: 1033173

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 6.8 5.0 7.6

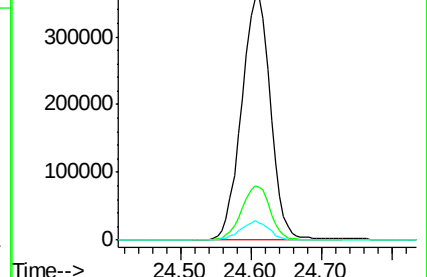
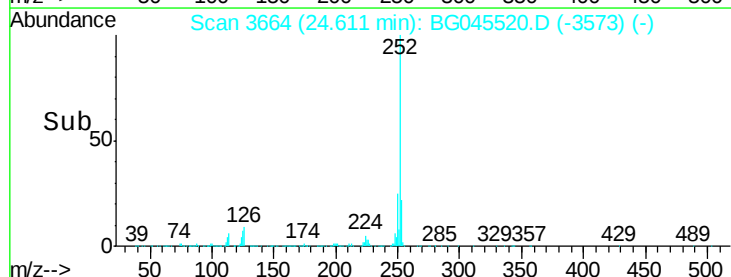


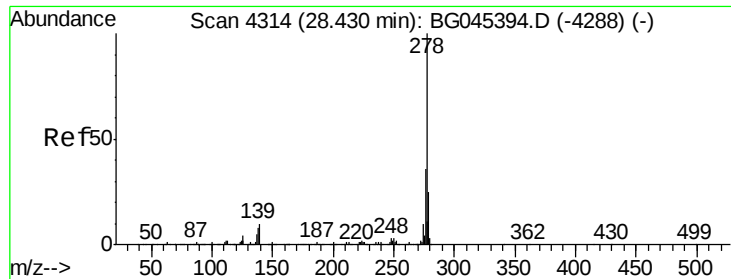
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.61





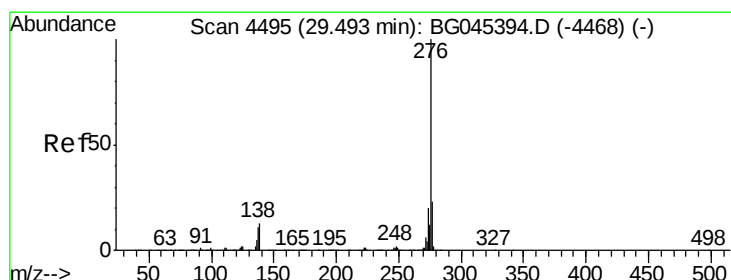
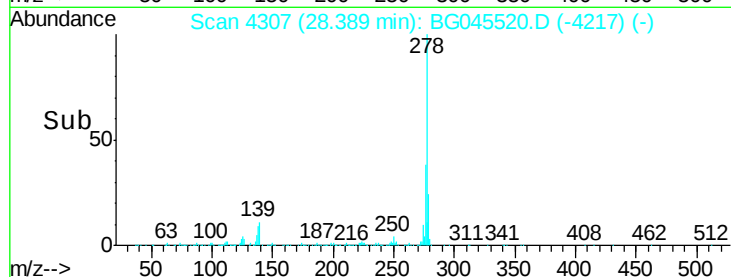
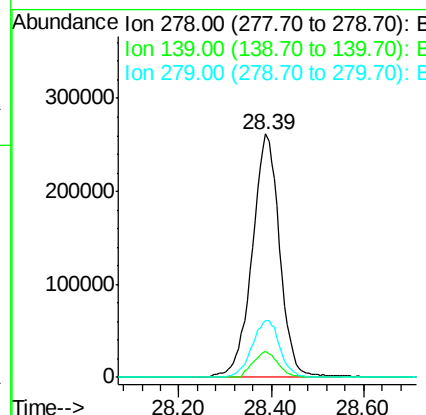
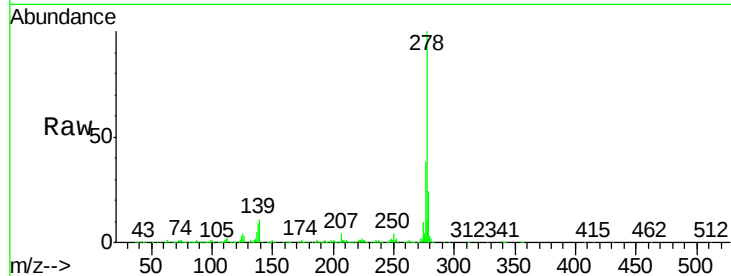
#91
Dibenzo(a,h)anthracene
Concen: 41.20 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.6	7.8	11.8
279	23.6	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/1/2020 12:22:37 PM



#92
Benzo(g,h,i)perylene
Concen: 41.74 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG045520.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.1	27.1
138	13.5	10.2	15.4

