

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045744.D
 Acq On : 12 Jun 2020 17:22
 Operator : CG/JU
 Sample : PB129511BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:45:14 AM

Quant Time: Jun 12 18:46:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59989	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	235109	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	168712	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	383007	20.00	ng	0.00
76) Chrysene-d12	21.60	240	340753	20.00	ng	0.00
87) Perylene-d12	24.74	264	374501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	333912	108.78	ng	0.03
7) Phenol-d6	7.19	99	629771	144.15	ng	0.04
23) Nitrobenzene-d5	9.11	82	400485	92.89	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	361570	167.58	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1039285	104.49	ng	0.00
79) Terphenyl-d14	19.96	244	1741288	119.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	13240	8.698	ng	# 83
3) Pyridine	3.81	79	92780	21.885	ng	98
4) n-Nitrosodimethylamine	3.73	42	36029	25.972	ng	# 79
6) Aniline	7.28	93	237966	41.724	ng	98
8) 2-Chlorophenol	7.53	128	136541	40.562	ng	99
9) Benzaldehyde	7.09	77	25099	8.818	ng	94
10) Phenol	7.21	94	208908	46.395	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	117592	33.481	ng	98
12) 1,3-Dichlorobenzene	7.84	146	90617	22.401	ng	98
13) 1,4-Dichlorobenzene	7.98	146	97595	24.447	ng	99
14) 1,2-Dichlorobenzene	8.30	146	103035	26.835	ng	96
15) Benzyl Alcohol	8.21	79	175692	48.679	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	119028	35.703	ng	98
17) 2-Methylphenol	8.44	107	152922	45.373	ng	99
18) Hexachloroethane	9.03	117	37325	24.412	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	152717	50.549	ng	97
20) 3+4-Methylphenols	8.77	107	210295m	45.821	ng	
22) Acetophenone	8.77	105	246908	44.310	ng	# 89
24) Nitrobenzene	9.15	77	200577	43.422	ng	95
25) Isophorone	9.68	82	432908	50.985	ng	99
26) 2-Nitrophenol	9.86	139	94329	47.737	ng	97
27) 2,4-Dimethylphenol	9.96	122	161379	55.063	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	221280	49.693	ng	96
29) 2,4-Dichlorophenol	10.44	162	183449	53.006	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	169064	41.341	ng	97
31) Naphthalene	10.80	128	483869	44.165	ng	99
32) Benzoic acid	10.16	122	102112	50.554	ng	89
33) 4-Chloroaniline	10.92	127	212578	46.418	ng	98
34) Hexachlorobutadiene	11.09	225	102500	35.458	ng	98
35) Caprolactam	11.71	113	71486m	56.274	ng	
36) 4-Chloro-3-methylphenol	12.10	107	229376	58.816	ng	94
37) 2-Methylnaphthalene	12.41	142	415802	50.920	ng	97
38) 1-Methylnaphthalene	12.63	142	397119	51.482	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	233891	49.633	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	256630	94.352	nq	98
43) 2,4,6-Trichlorophenol	13.04	196	176262	53.845	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	188749	50.457	nq	99
46) 1,1'-Biphenyl	13.42	154	539644	52.056	nq	99
47) 2-Chloronaphthalene	13.47	162	420102	49.905	nq	98
48) 2-Nitroaniline	13.68	65	152048	54.909	nq	92
49) Acenaphthylene	14.32	152	714007	52.805	nq	99
50) Dimethylphthalate	14.05	163	604922	52.268	nq	99
51) 2,6-Dinitrotoluene	14.17	165	136268	52.179	nq	99
52) Acenaphthene	14.66	154	426545	47.127	nq	99
53) 3-Nitroaniline	14.52	138	122784	46.250	nq	99
54) 2,4-Dinitrophenol	14.72	184	131493	77.077	nq	99
55) Dibenzofuran	14.99	168	701460	52.188	nq	97
56) 4-Nitrophenol	14.90	139	183713	91.403	nq	93
57) 2,4-Dinitrotoluene	14.96	165	195538	51.699	nq	97
58) Fluorene	15.64	166	592115	53.622	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	182475	55.446	nq	98
60) Diethylphthalate	15.42	149	630425	52.334	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	324570	51.365	nq	98
62) 4-Nitroaniline	15.69	138	129779	46.827	nq	98
63) Azobenzene	15.93	77	608964	54.215	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	123833	55.515	nq	94
66) n-Nitrosodiphenylamine	15.86	169	527577	57.370	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	225440	54.358	nq	94
68) Hexachlorobenzene	16.66	284	245558	56.609	nq	98
69) Atrazine	16.81	200	200108	52.831	nq	95
70) Pentachlorophenol	17.01	266	240360	106.715	nq	97
71) Phenanthrene	17.38	178	942561	56.372	nq	100
72) Anthracene	17.48	178	959807	57.162	nq	98
73) Carbazole	17.75	167	876064	53.525	nq	99
74) Di-n-butylphthalate	18.31	149	1053506	53.627	nq	99
75) Fluoranthene	19.40	202	1148198	53.989	nq	99
77) Benzidine	19.58	184	648804	67.794	nq	99
78) Pyrene	19.76	202	1113286	57.314	nq	100
80) Butylbenzylphthalate	20.64	149	463950	55.336	nq	96
81) Benzo(a)anthracene	21.58	228	1076457	56.709	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	383606	51.518	nq	98
83) Chrysene	21.65	228	1048131	57.425	nq	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	651324	56.513	nq	98
85) Di-n-octyl phthalate	22.68	149	1090152	55.073	nq	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1321904	55.384	nq	# 97
88) Benzo(b)fluoranthene	23.75	252	1152924	57.402	nq	99
89) Benzo(k)fluoranthene	23.82	252	1107729	58.705	nq	99
90) Benzo(a)pyrene	24.60	252	1051271	56.201	nq	100
91) Dibenzo(a,h)anthracene	28.39	278	1085213	57.732	nq	99
92) Benzo(g,h,i)perylene	29.44	276	1077888	57.335	nq	97

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

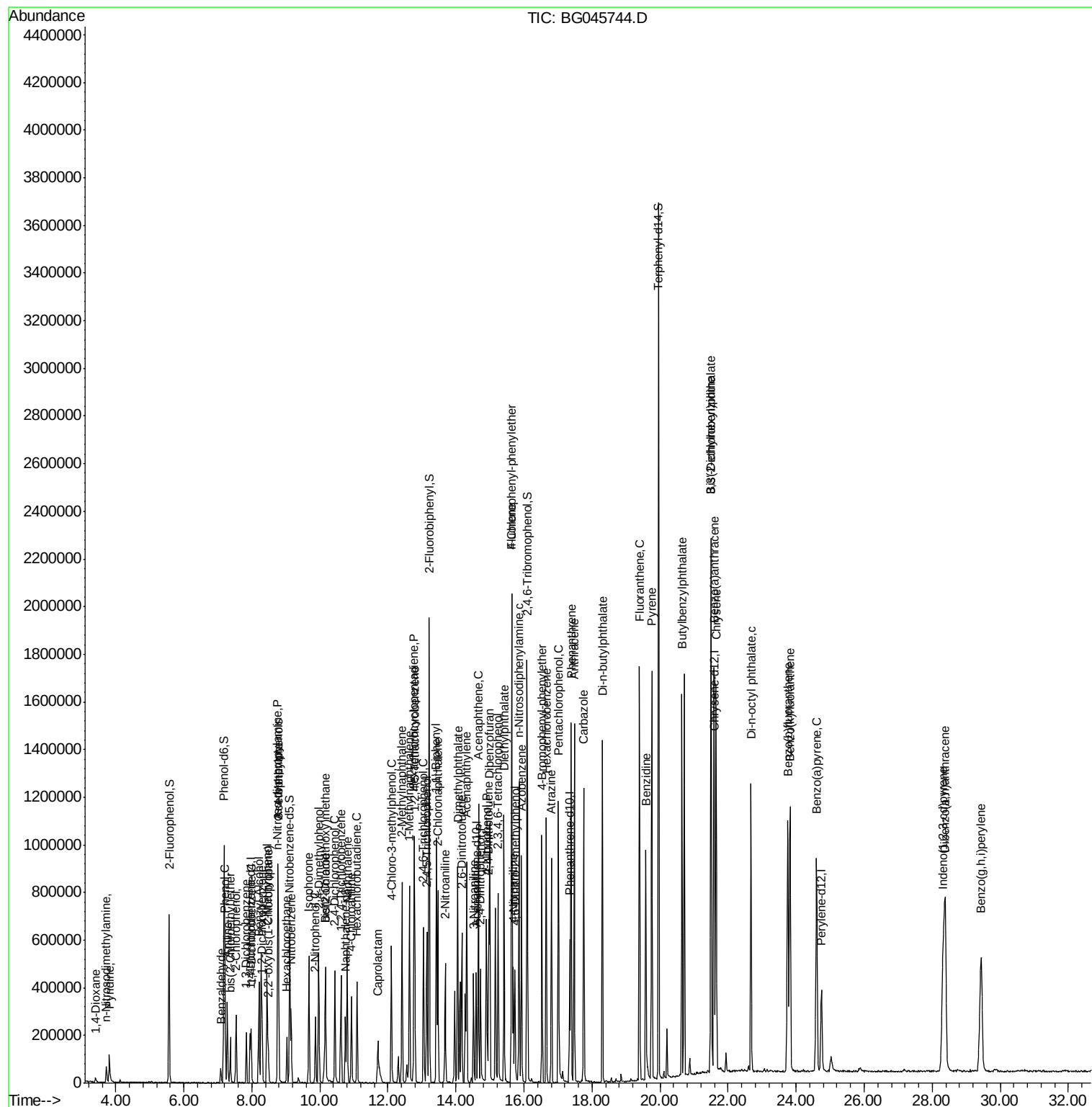
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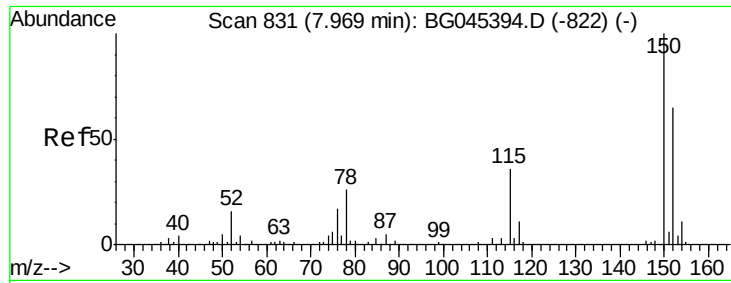
Instrument :
BNA_G
ClientSampleID :
PB129511BS

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#1

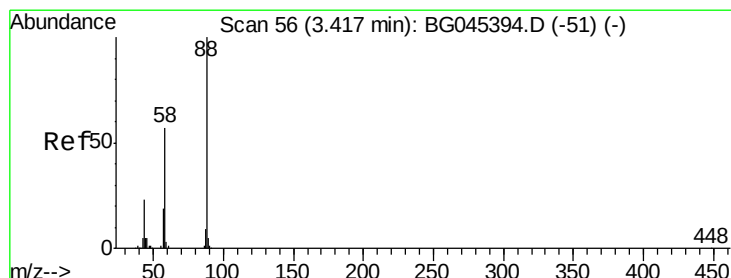
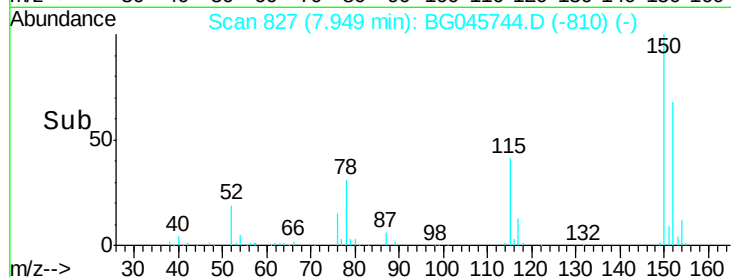
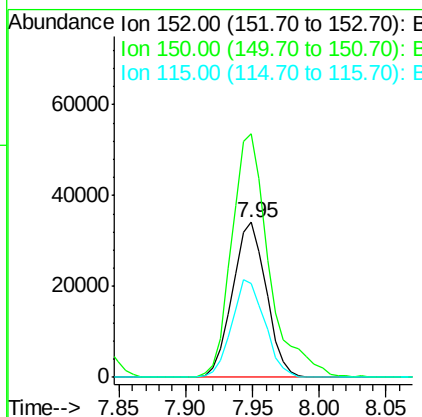
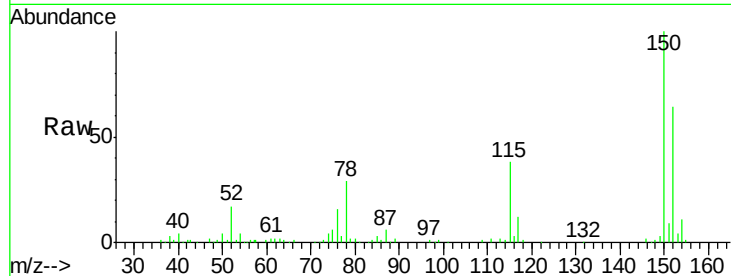
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.4	183.6
115	60.3	44.2	66.4

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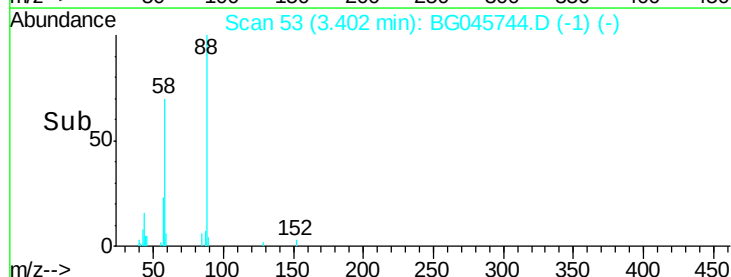
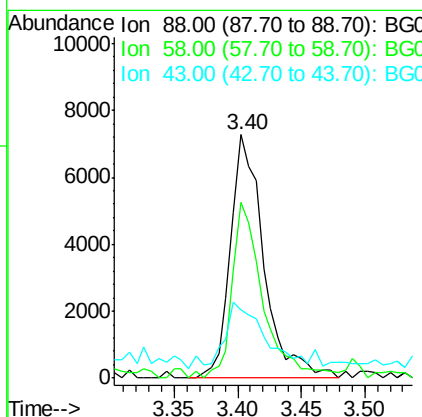
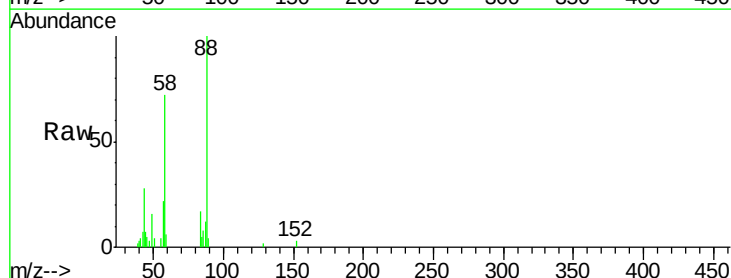
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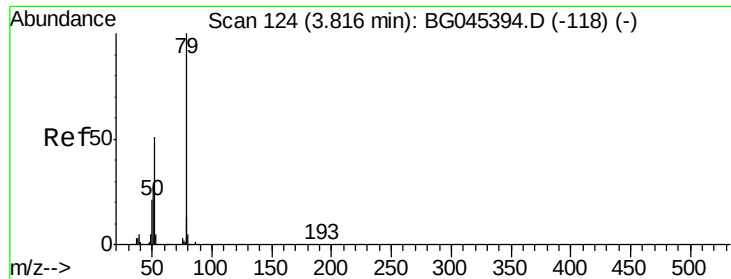


#2

1,4-Dioxane
Concen: 8.698 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	45.7	68.5
43	33.0	16.8	25.2





#3

Pvridine

Concen: 21.885 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

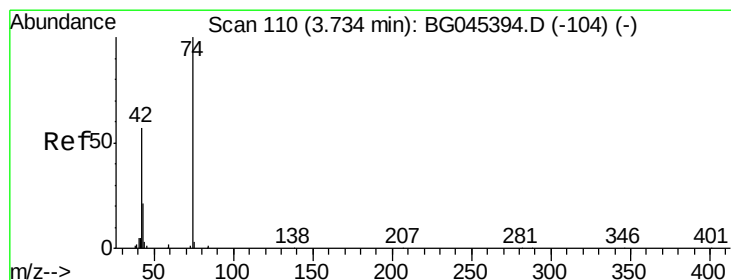
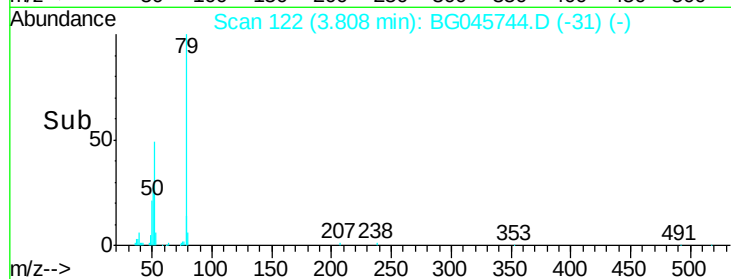
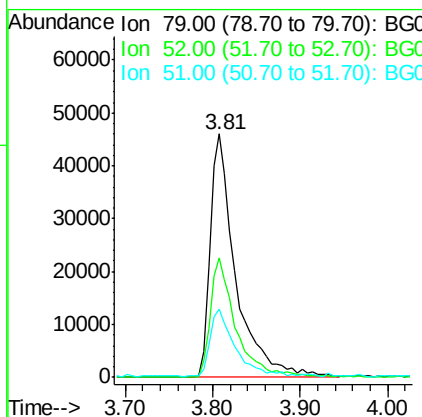
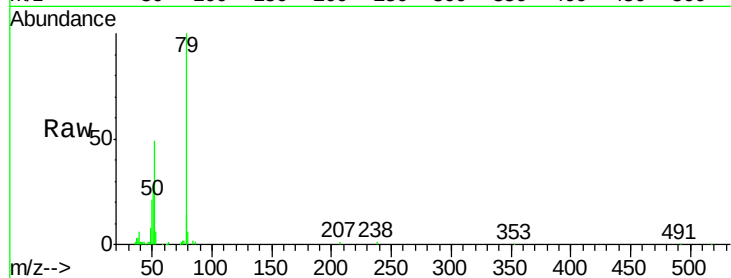
ClientSampleId :

PB129511BS

Tot Ion:	79	Resp:	92780
Ion	Ratio	Lower	Upper
79	100		
52	49.2	40.8	61.2
51	28.0	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 25.972 ng

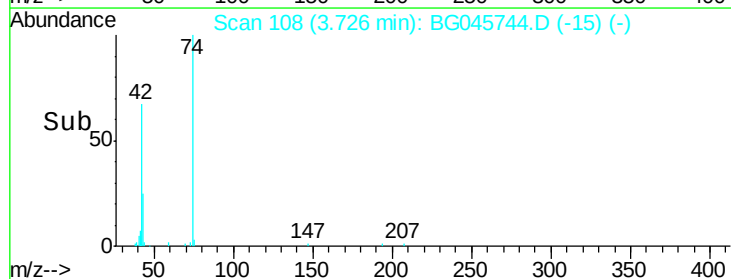
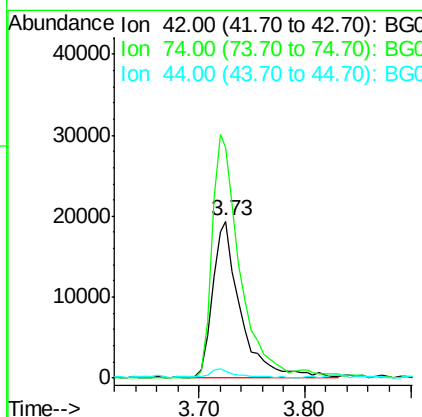
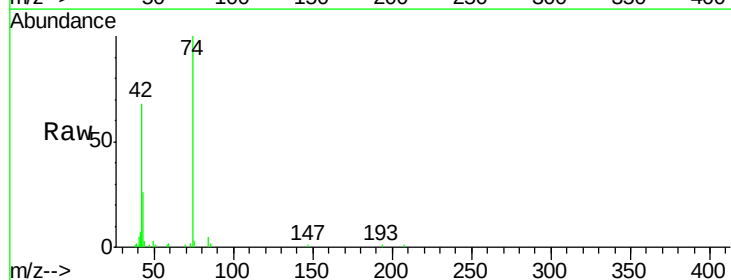
RT: 3.73 min Scan# 108

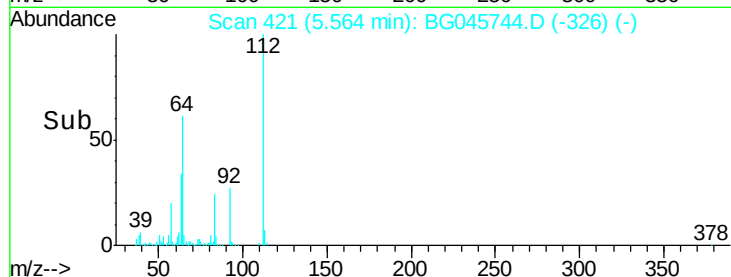
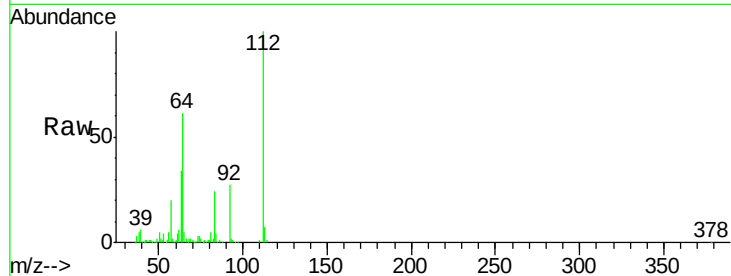
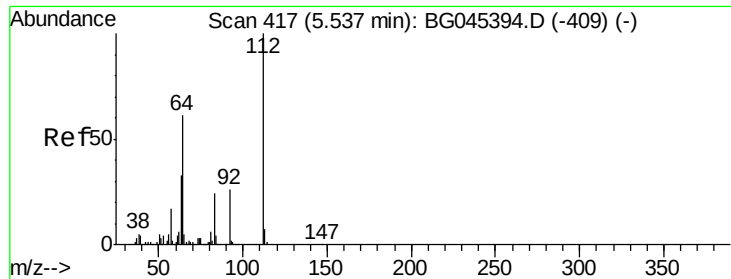
Delta R.T. 0.02 min

Lab File: BG045744.D

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Tgt Ion:	42	Resp:	36029
Ion	Ratio	Lower	Upper
42	100		
74	147.1	141.3	211.9
44	4.0	4.2	6.4#





#5

2-Fluorophenol

Concen: 108.780 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.03 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		333912		
64	61.3	48.6	72.8		
63	33.9	26.5	39.7		

Instrument :

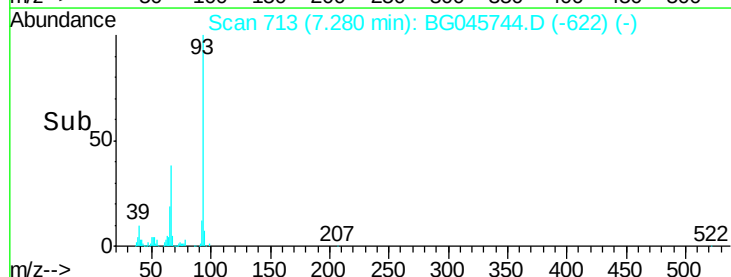
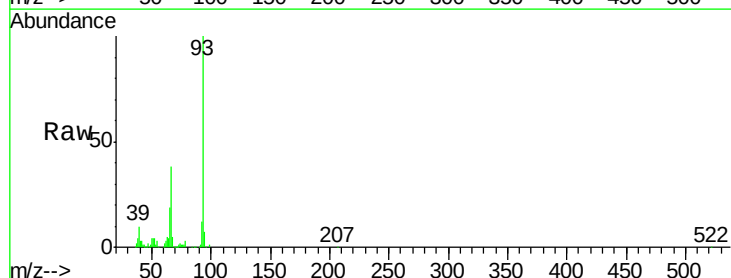
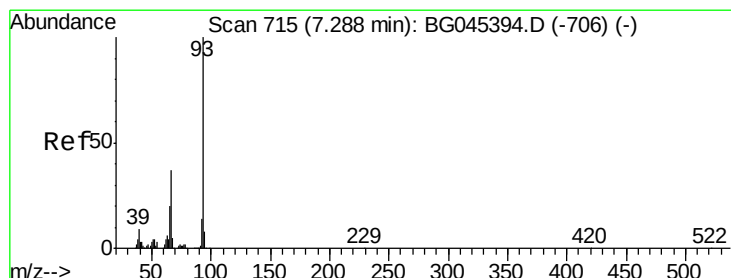
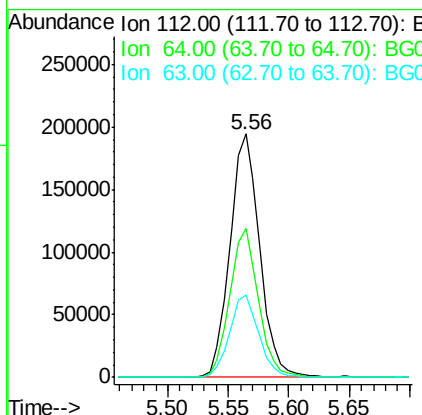
BNA_G

ClientSampleId :

PB129511BS

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#6

Aniline

Concen: 41.724 ng

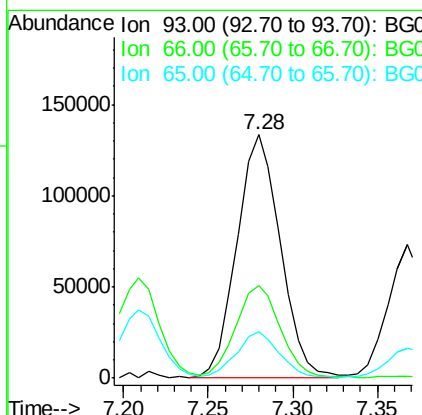
RT: 7.28 min Scan# 713

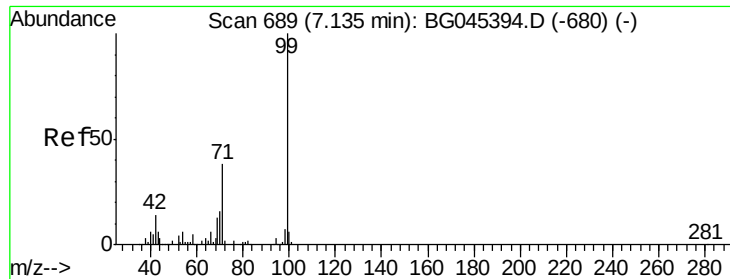
Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		237966		
66	38.3	29.6	44.4		
65	19.3	15.9	23.9		





#7

Phenol-d6

Concen: 144.147 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.04 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

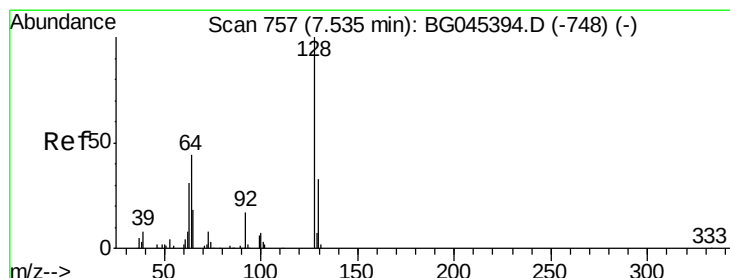
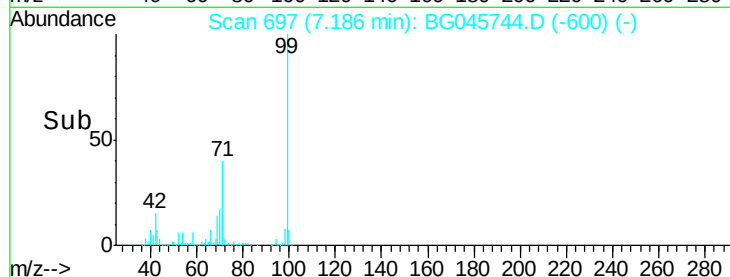
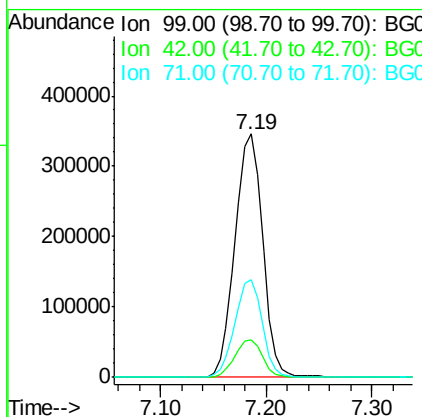
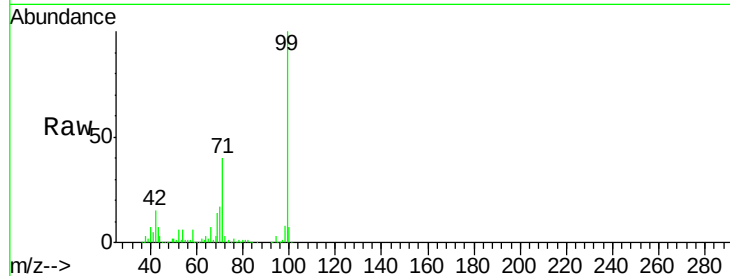
ClientSampleId :

PB129511BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		629771		
42	15.5	11.3	16.9		
71	40.3	30.8	46.2		

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#8

2-Chlorophenol

Concen: 40.562 ng

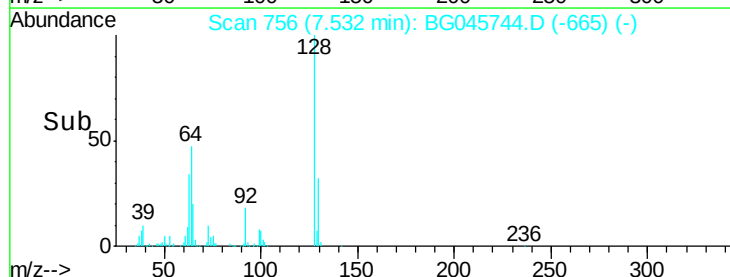
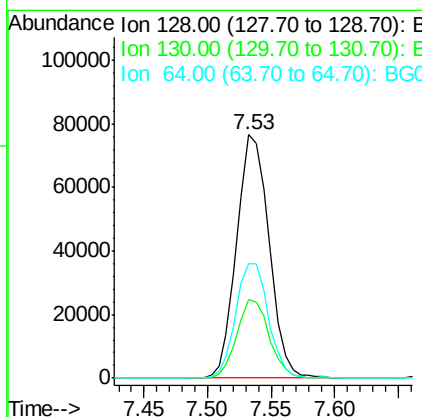
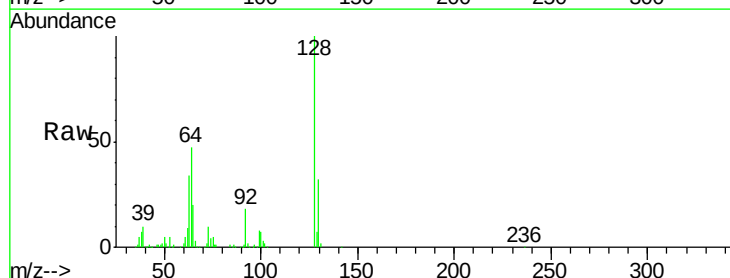
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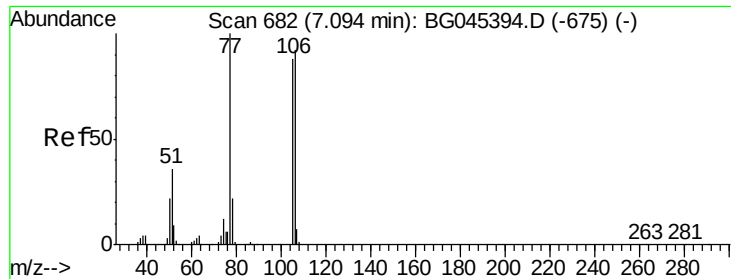
Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		136541		
130	32.1	12.6	52.6		
64	46.8	27.0	67.0		





#9

Benzaldehyde

Concen: 8.818 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

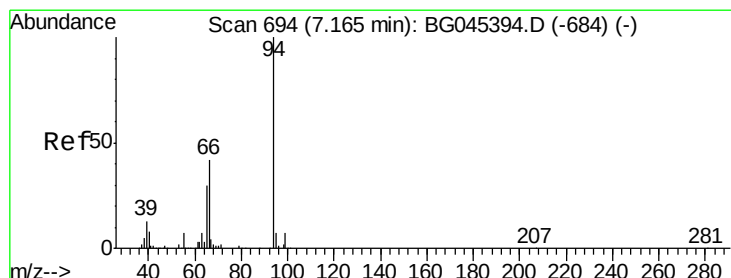
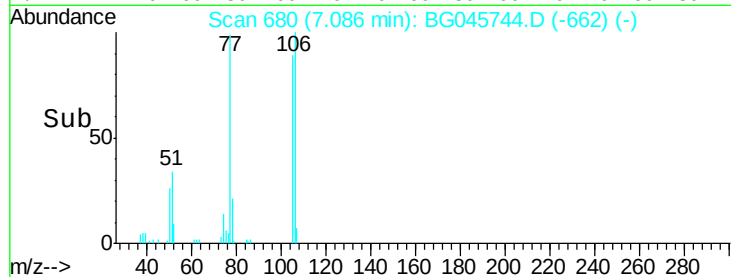
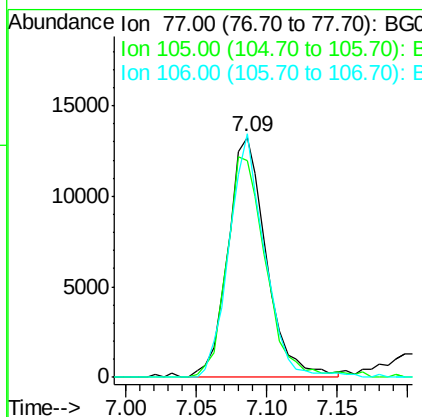
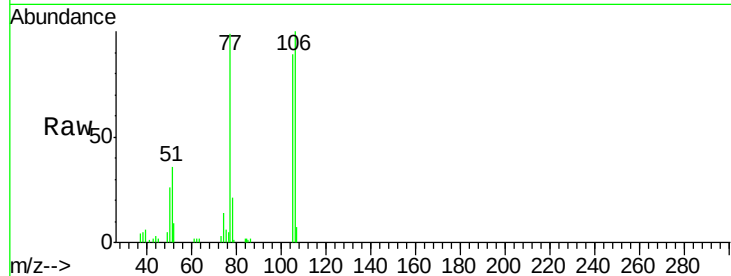
ClientSampleId :

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Tot Ion:	77	Resp:	25099
Ion	Ratio	Lower	Upper
77	100		
105	90.4	68.5	108.5
106	101.5	71.6	111.6

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#10

Phenol

Concen: 46.395 ng

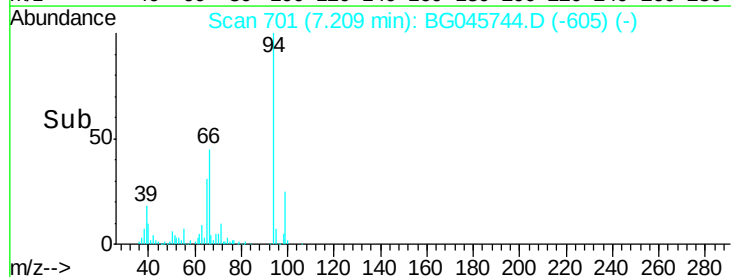
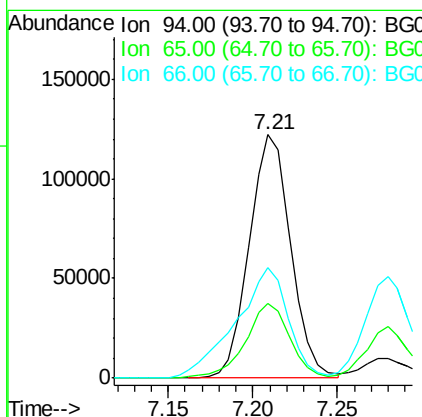
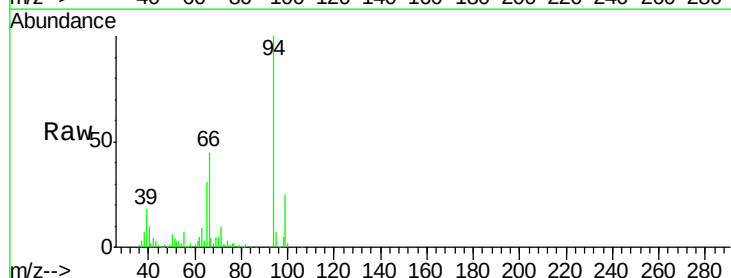
RT: 7.21 min Scan# 701

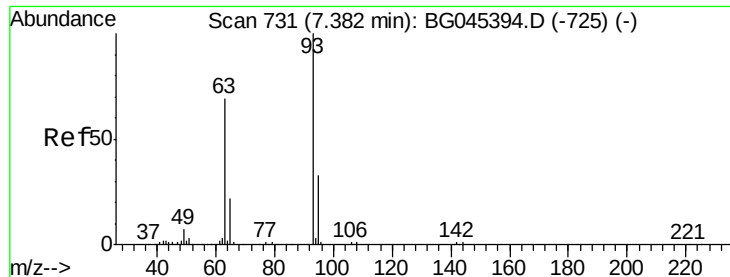
Delta R.T. 0.03 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion:	94	Resp:	208908
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.8	49.8
66	45.3	22.0	62.0





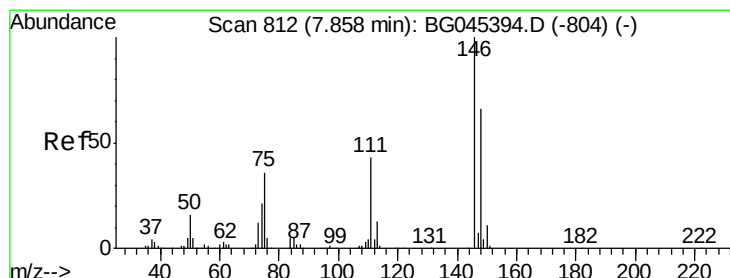
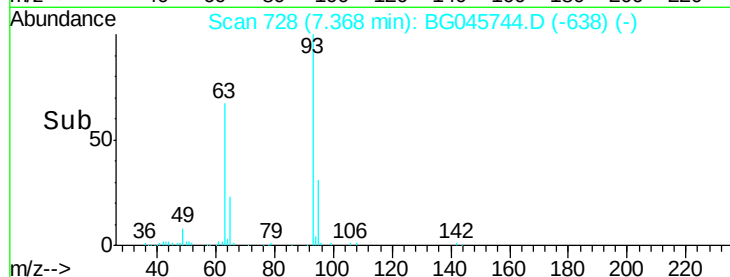
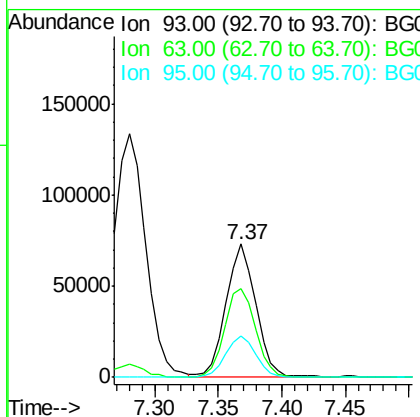
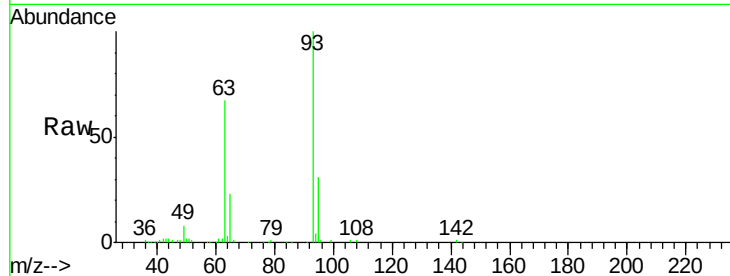
#11
bis(2-Chloroethyl)ether
Concen: 33.481 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	117592		
63	66.8		48.4	88.4
95	31.3		12.4	52.4

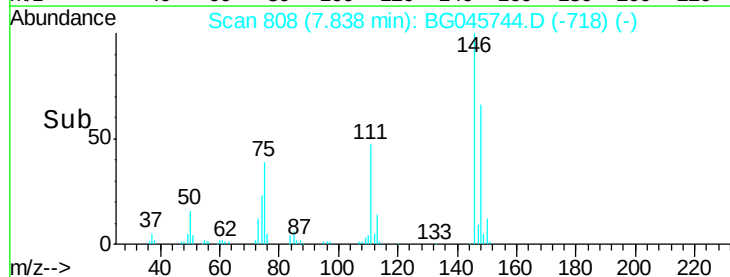
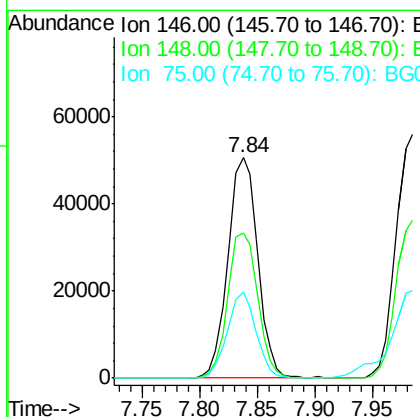
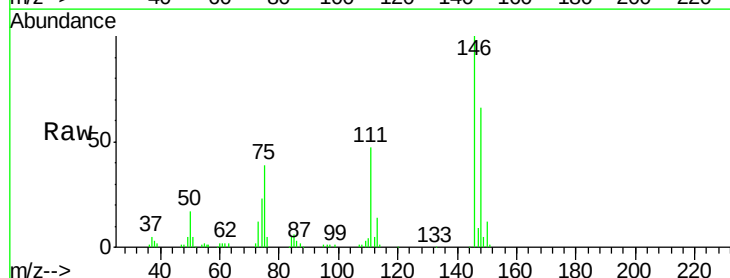
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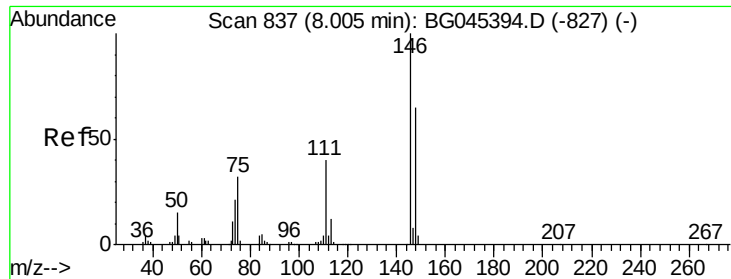
mohammad
6/15/2020 8:45:14 AM



#12
1,3-Dichlorobenzene
Concen: 22.401 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	90617		
148	66.0		53.2	79.8
75	39.2		28.6	43.0





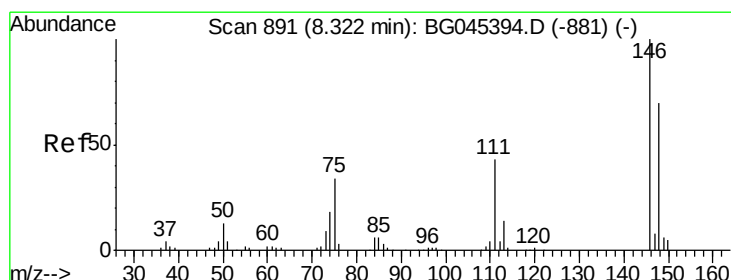
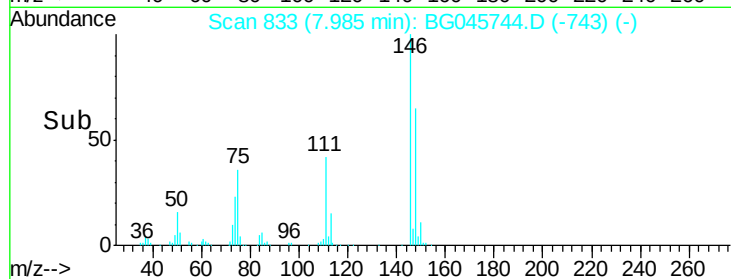
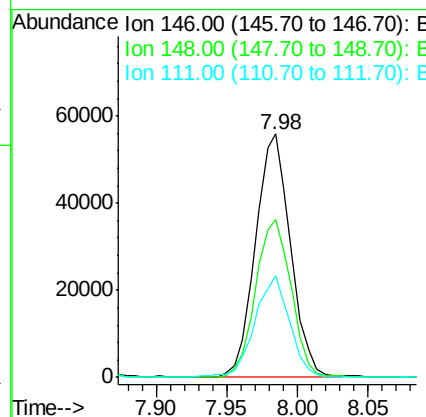
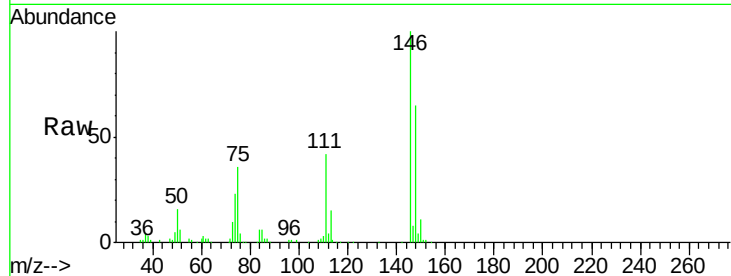
#13
 1,4-Dichlorobenzene
 Concen: 24.447 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	42.0	32.1	48.1

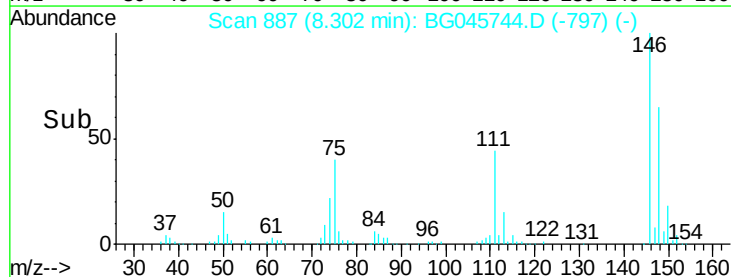
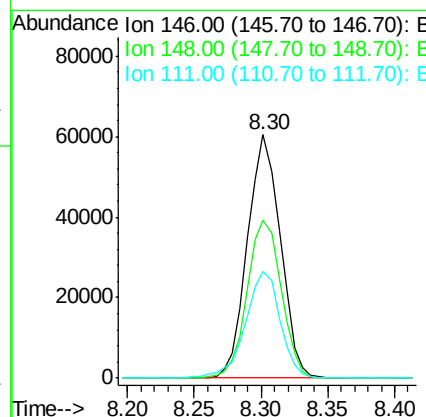
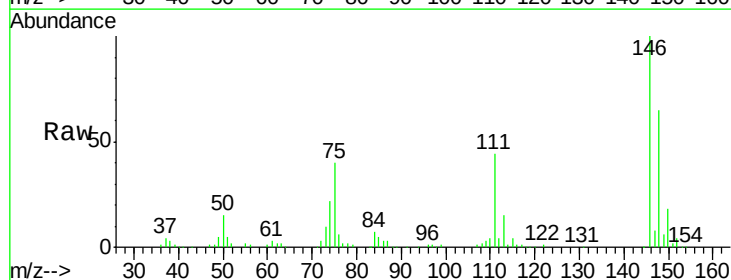
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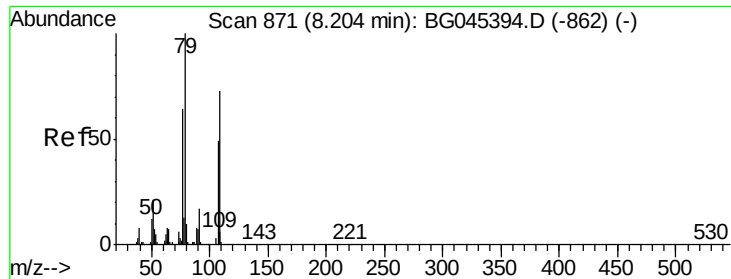
mohammad
 6/15/2020 8:45:14 AM



#14
 1,2-Dichlorobenzene
 Concen: 26.835 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	55.9	83.9
111	43.8	35.0	52.4





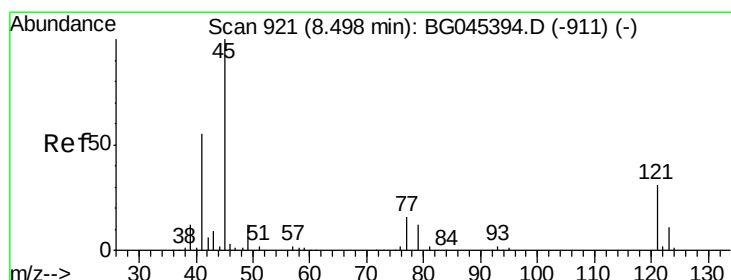
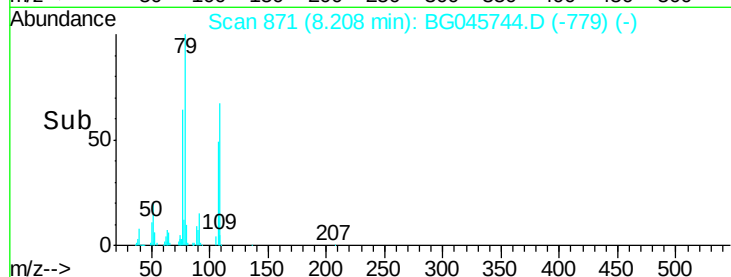
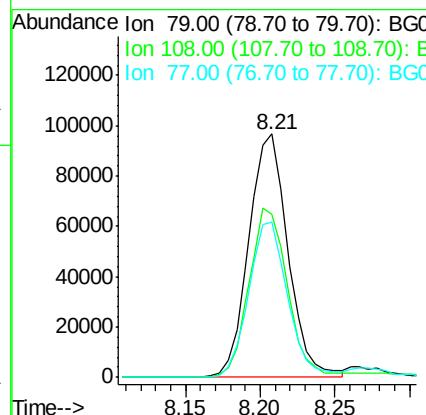
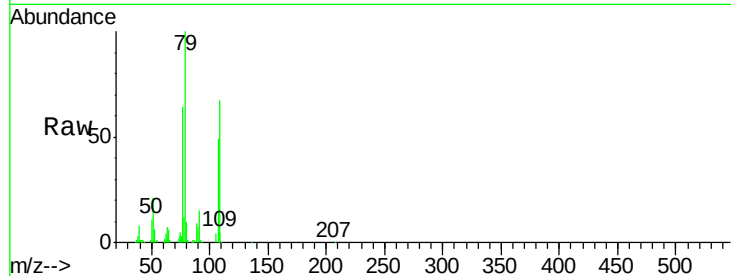
#15
Benzyl Alcohol
Concen: 48.679 ng
RT: 8.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.2	58.2	87.4
77	63.6	51.0	76.4

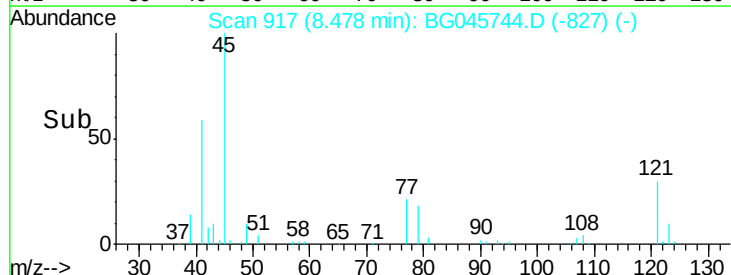
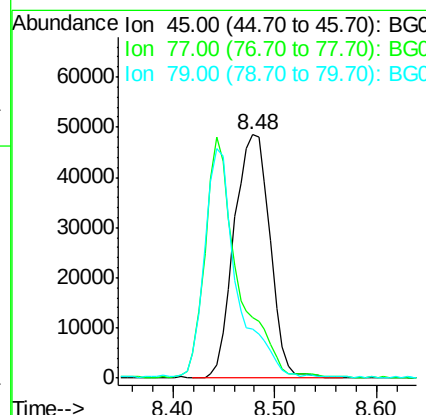
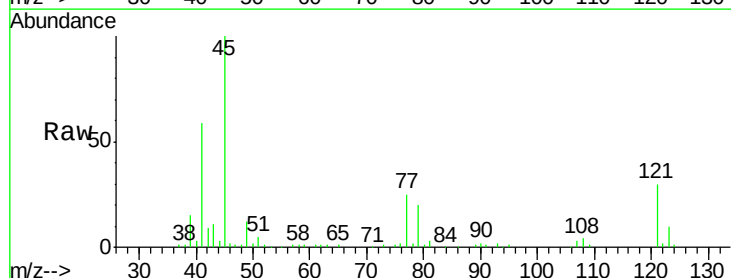
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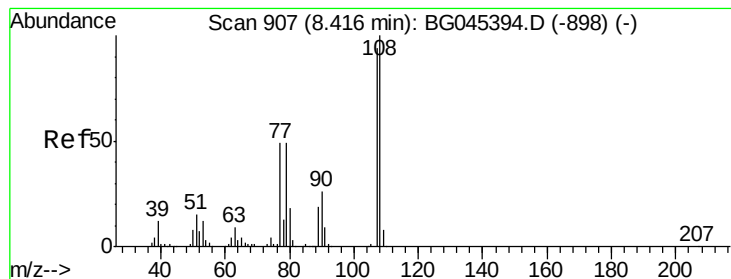
mohammad
6/15/2020 8:45:14 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.703 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.7	4.0	44.0
79	20.2	0.0	38.6





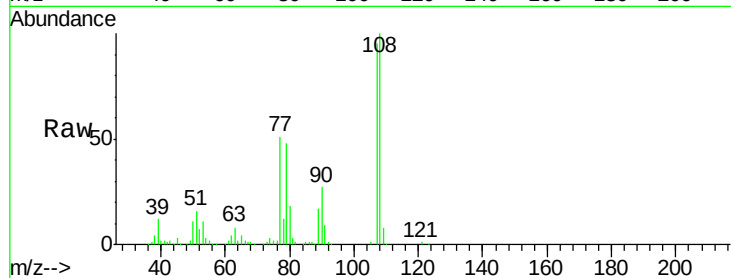
#17
2-Methylphenol
Concen: 45.373 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.02 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampled :
PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.6	85.2	127.8	
77	53.7	41.6	62.4	
79	51.1	41.8	62.8	

Manual Integrations
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mohammad
6/15/2020 8:45:14 AM



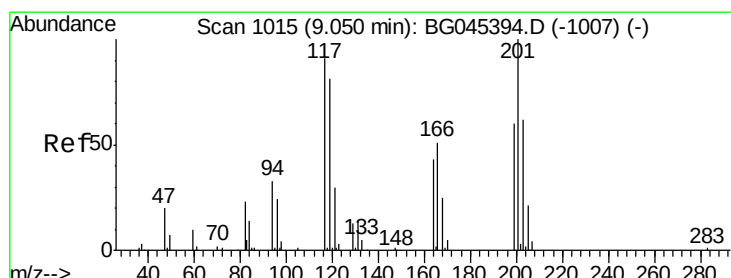
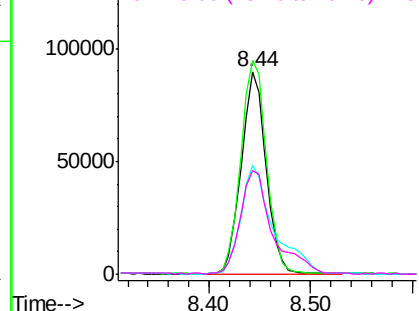
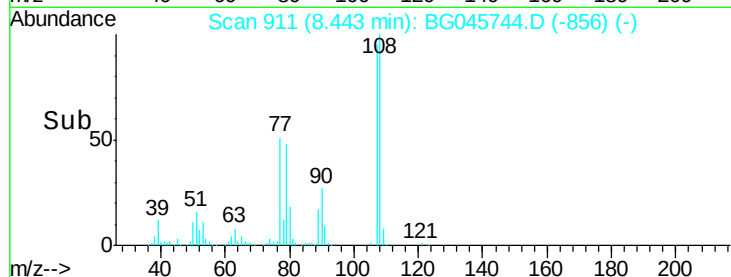
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

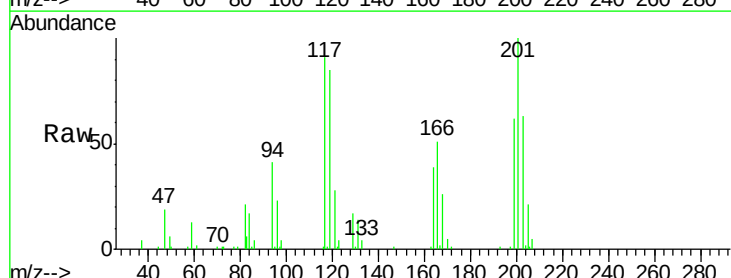
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 24.412 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.6	71.3	106.9	
201	108.8	87.5	131.3	

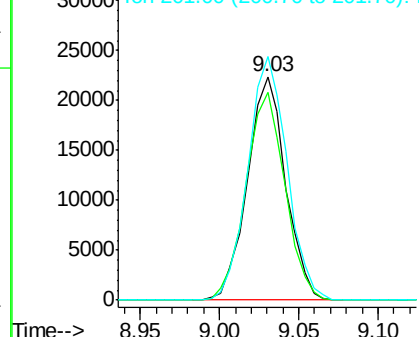
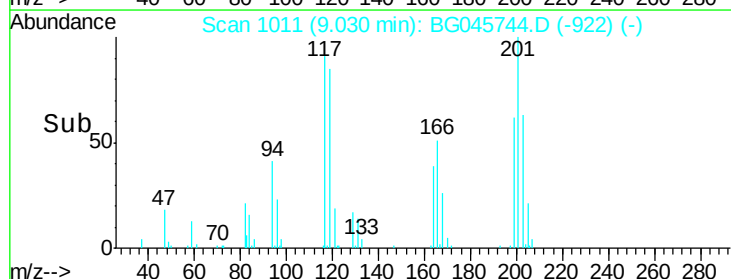


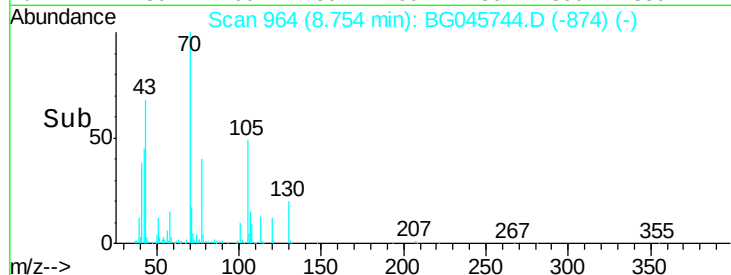
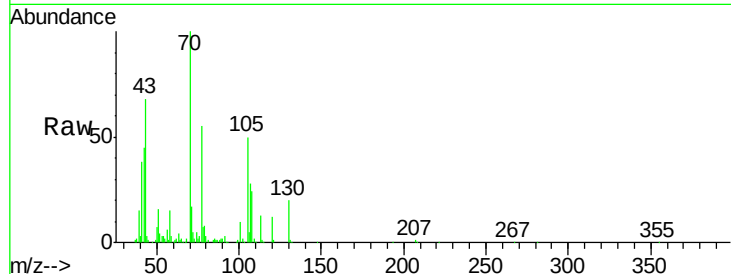
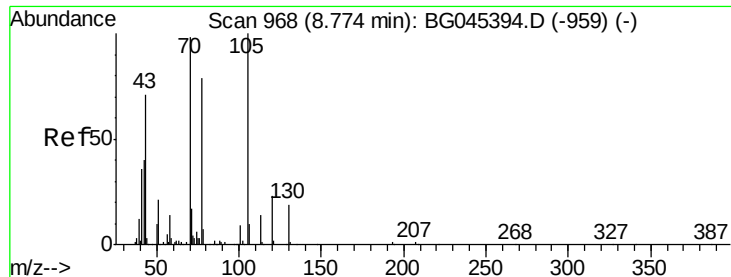
Abundance

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





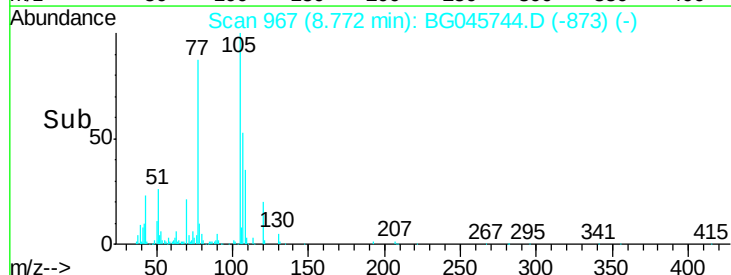
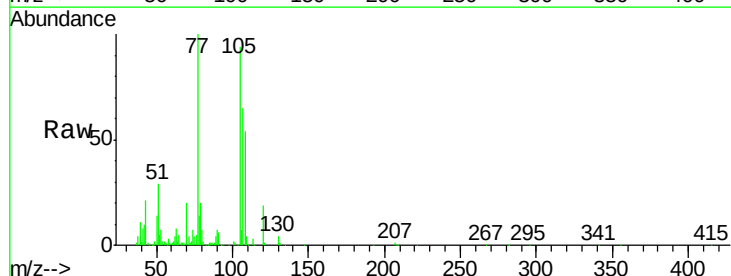
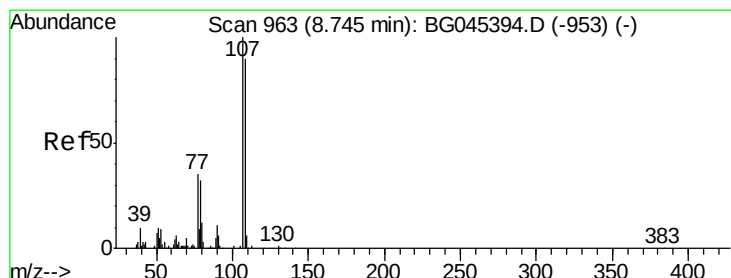
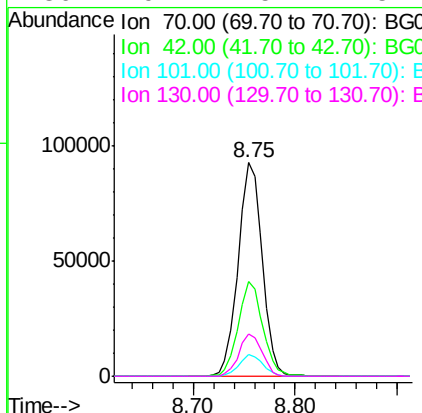
#19
n-Nitroso-di-n-propylamine
Concen: 50.549 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		152717		
42	44.6	33.2	49.8		
101	10.0	7.8	11.6		
130	19.7	15.4	23.2		

Instrument :
BNA_G
ClientSampleId :
PB129511BS

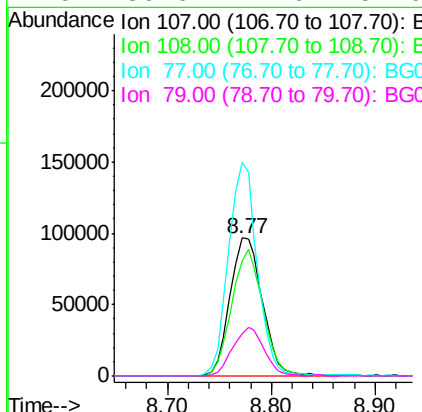
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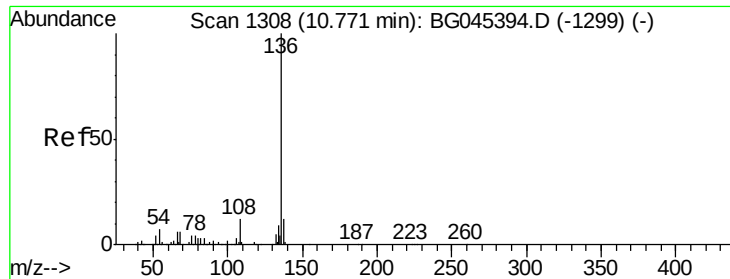
mohammad
6/15/2020 8:45:14 AM



#20
3+4-Methylphenols
Concen: 45.821 ng m
RT: 8.77 min Scan# 967
Delta R.T. 0.02 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		210295		
108	83.2	70.3	110.3		
77	154.8	15.4	55.4#		
79	30.6	12.6	52.6		





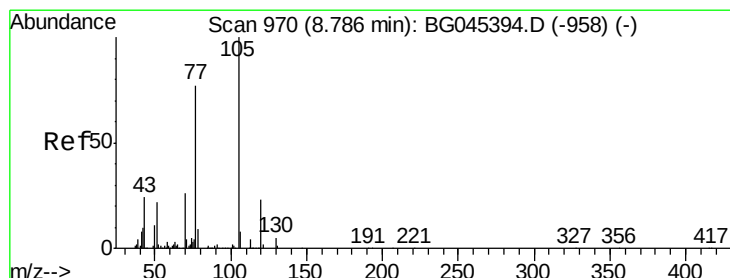
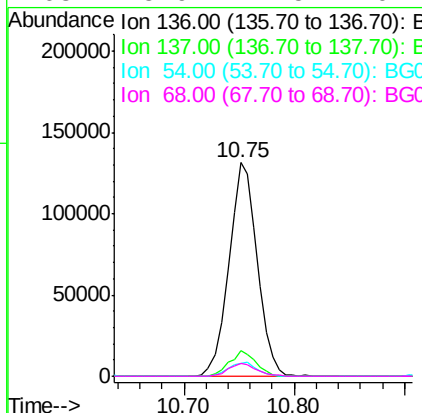
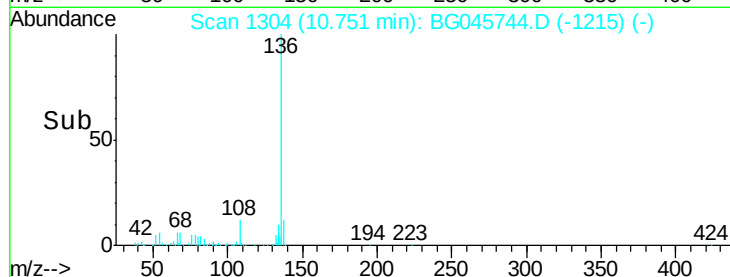
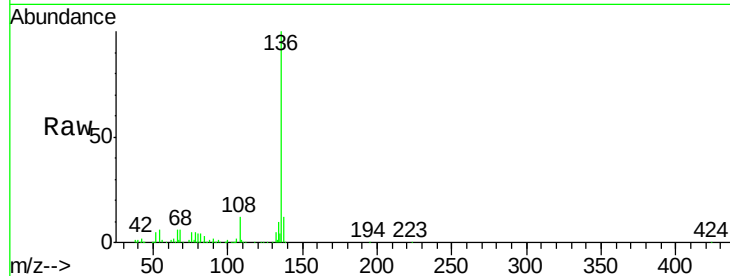
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	235109		
137	11.9		9.4	14.2
54	6.0		5.8	8.6
68	5.9		4.5	6.7

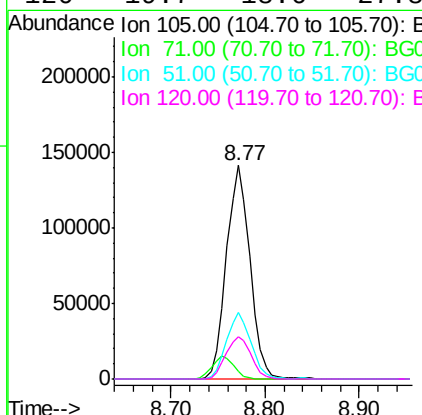
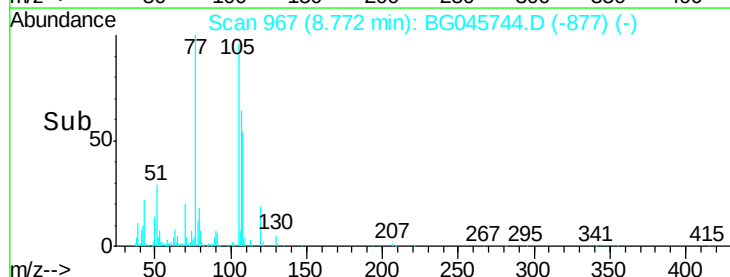
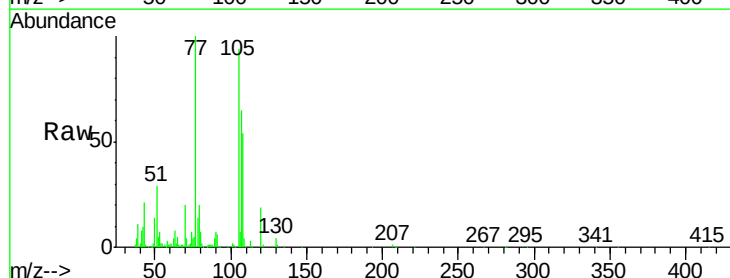
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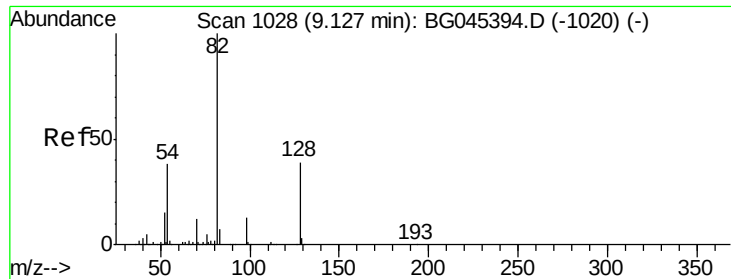
mohammad
6/15/2020 8:45:14 AM



#22
Acetophenone
Concen: 44.310 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246908		
71	3.8		3.4	5.0
51	31.1		18.2	27.2
120	19.7		18.6	27.8





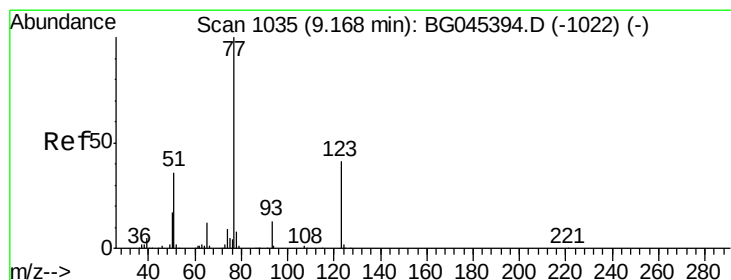
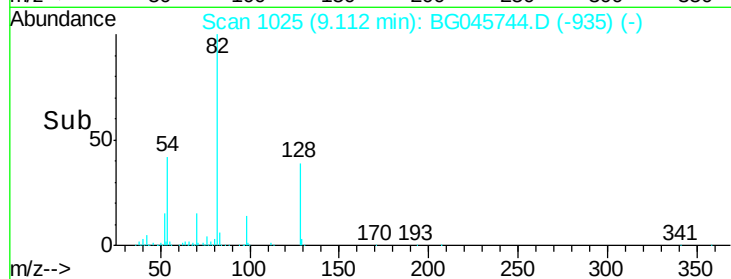
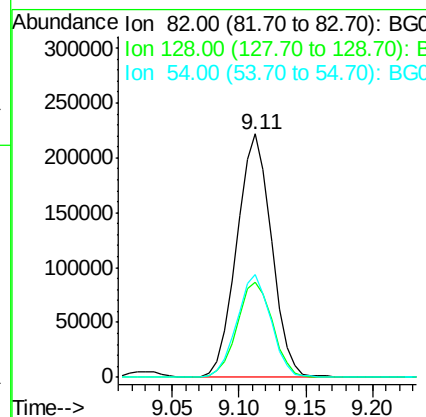
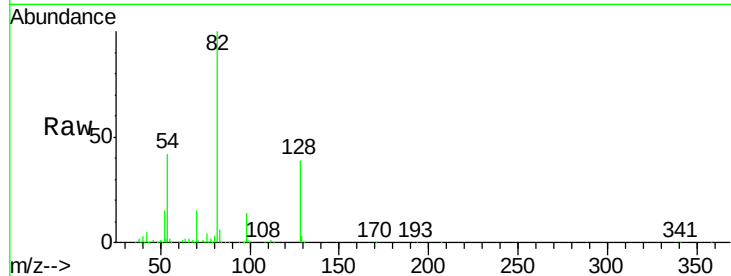
#23
Nitrobenzene-d5
Concen: 92.889 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.8	30.9	46.3	
54	42.5	30.3	45.5	

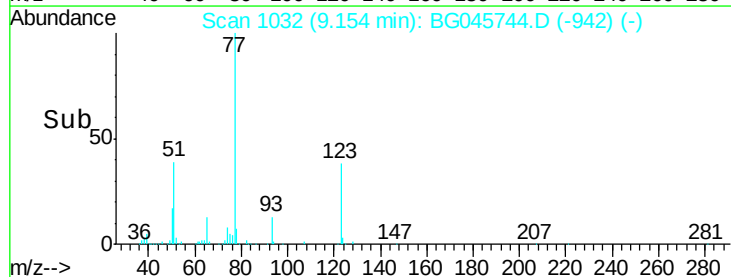
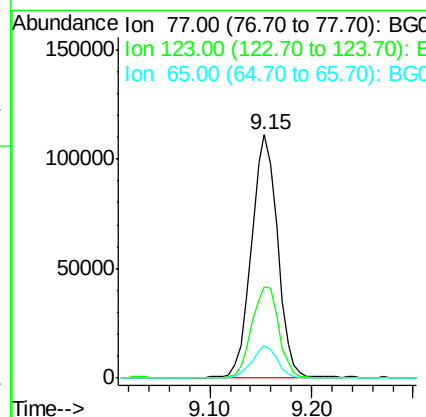
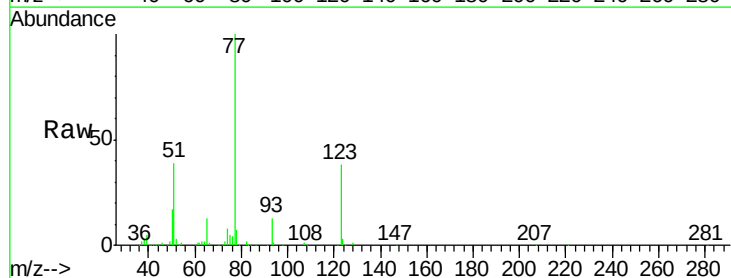
Manual Integrations
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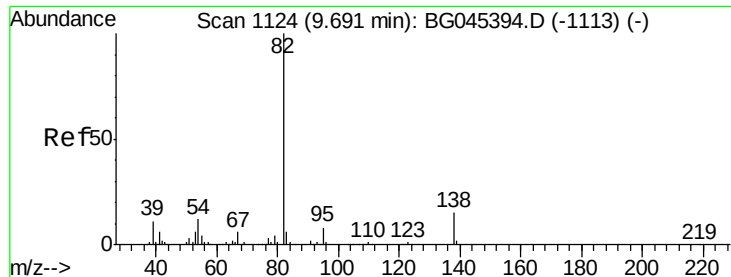
mohammad
6/15/2020 8:45:14 AM



#24
Nitrobenzene
Concen: 43.422 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.7	32.9	49.3	
65	13.4	9.4	14.2	





#25

Isophorone

Concen: 50.985 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

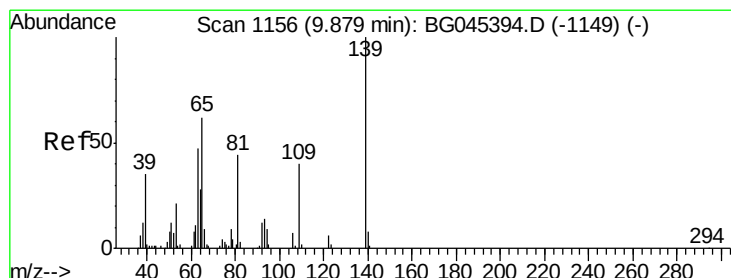
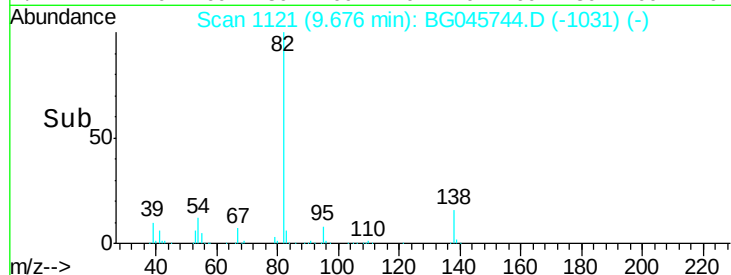
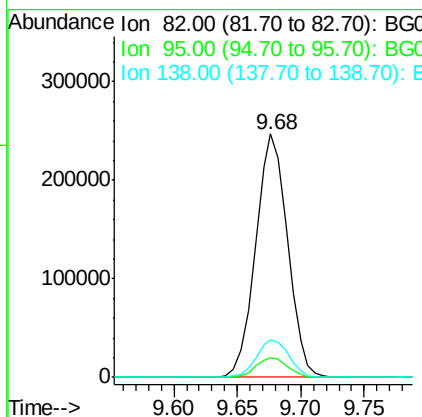
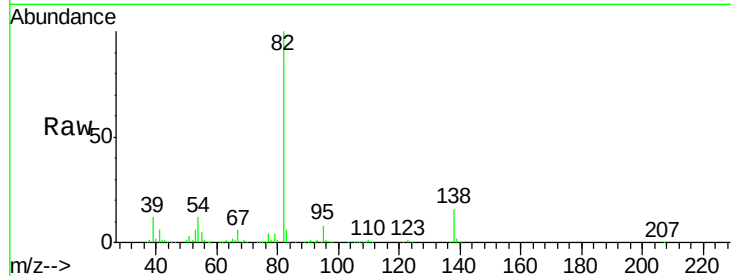
ClientSampleId :

PB129511BS

Tot Ion:	82	Resp:	432908
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.7	10.1
138	15.5	12.2	18.4

Manual Integrations
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6/15/2020 8:45:14 AM



#26

2-Nitrophenol

Concen: 47.737 ng

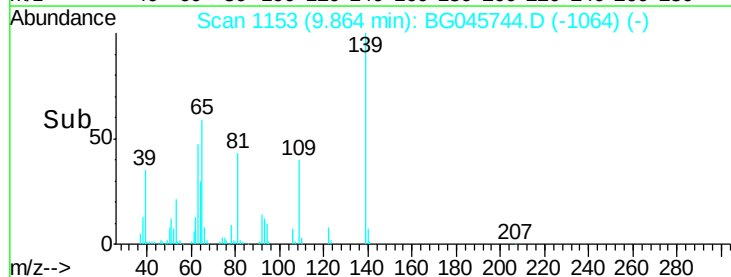
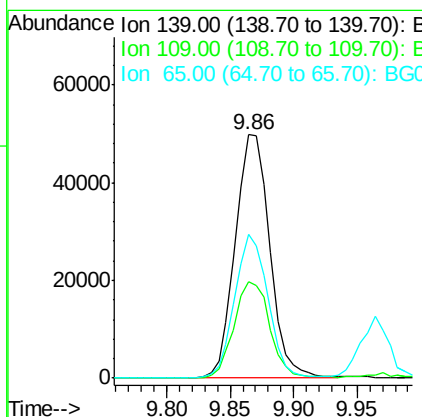
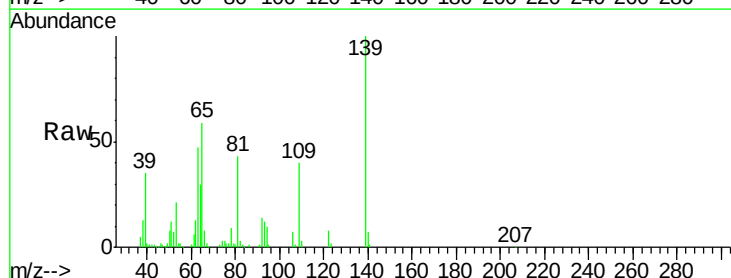
RT: 9.86 min Scan# 1153

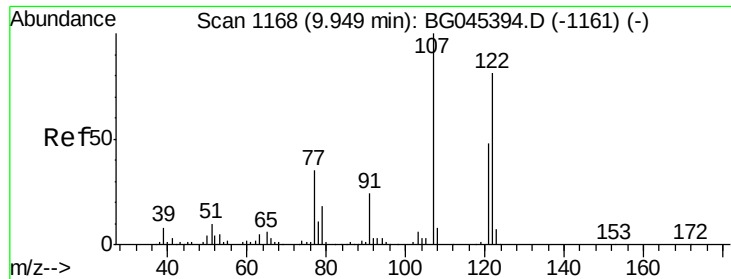
Delta R.T. -0.01 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion:	139	Resp:	94329
Ion Ratio	Lower	Upper	
139	100		
109	39.6	32.2	48.4
65	58.9	49.6	74.4





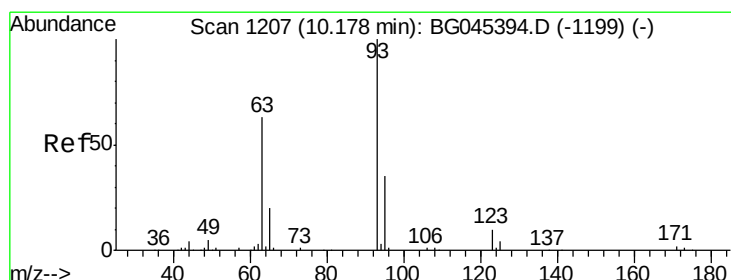
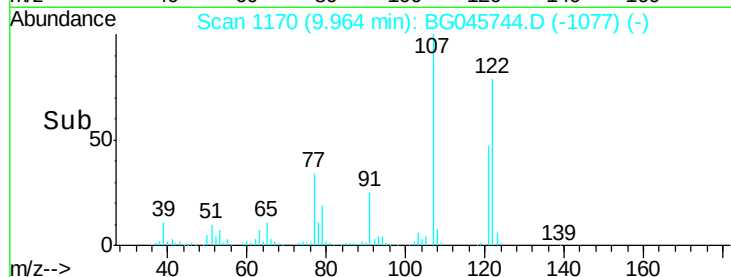
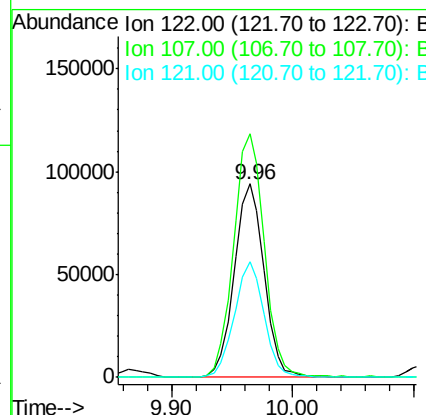
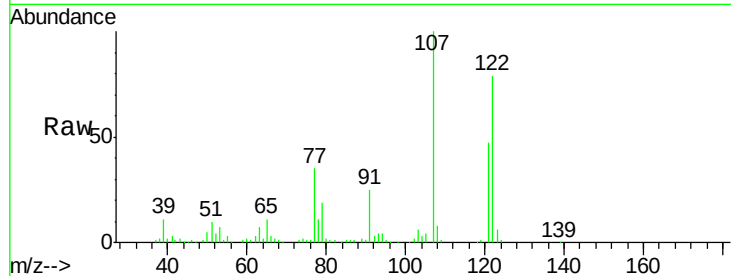
#27
 2,4-Dimethylphenol
 Concen: 55.063 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161379		
107	125.8	99.0	148.4	
121	59.5	47.7	71.5	

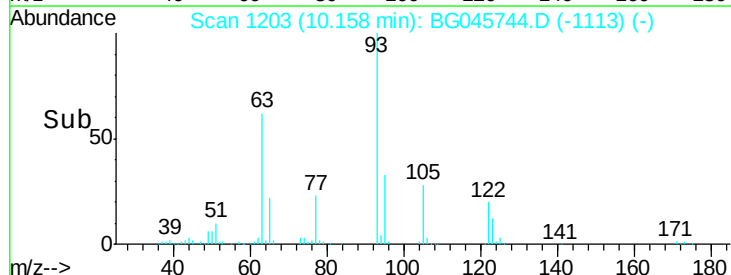
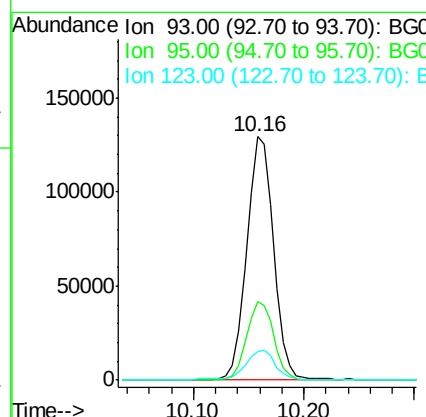
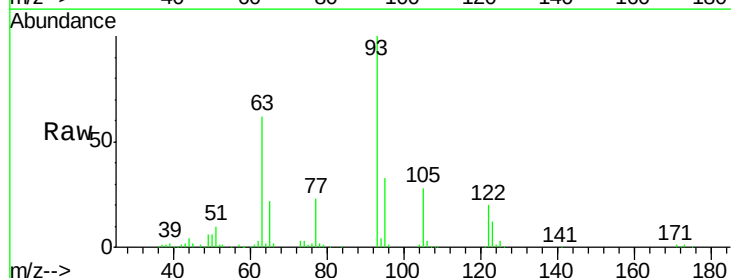
Manual Integrations
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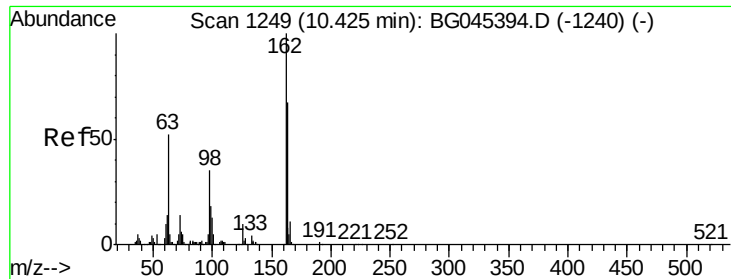
mohammad
 6/15/2020 8:45:14 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.693 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	221280		
95	32.5	27.6	41.4	
123	11.6	8.1	12.1	





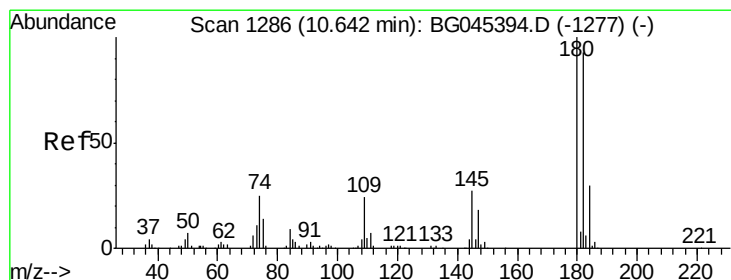
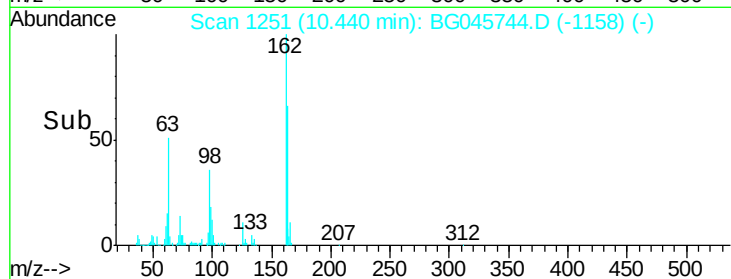
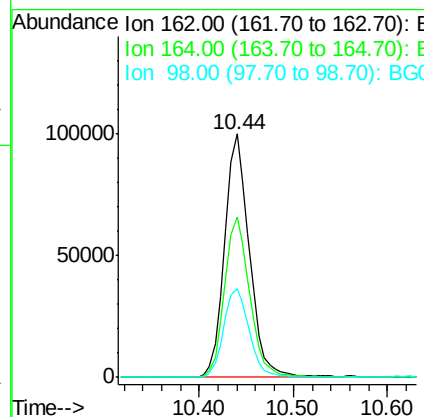
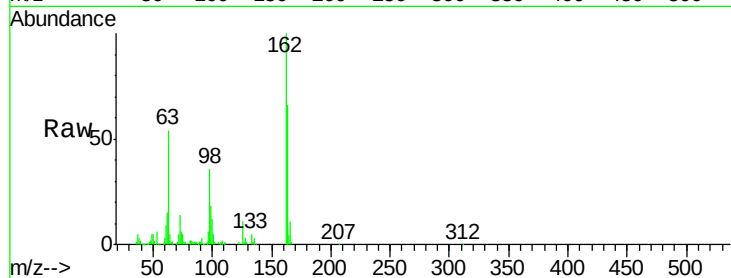
#29
 2,4-Dichlorophenol
 Concen: 53.006 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.02 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampled :
 PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	183449		
164	65.9	46.8	86.8	
98	36.5	15.2	55.2	

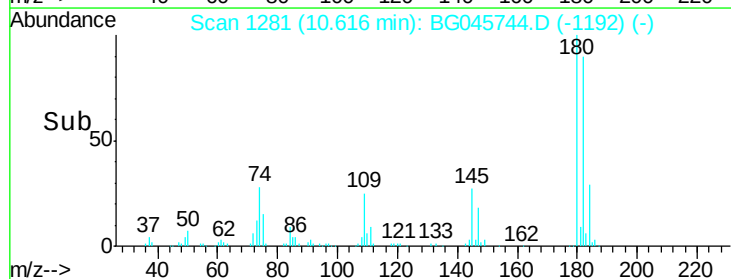
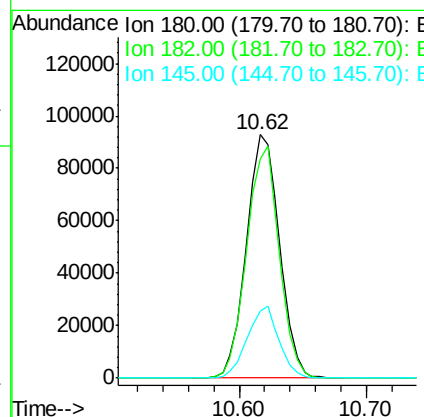
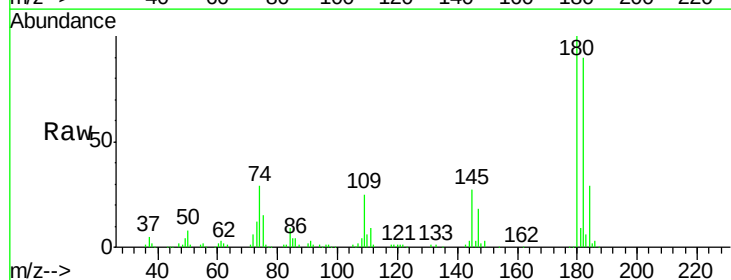
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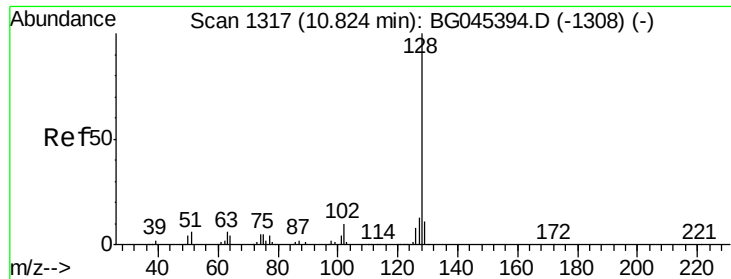
mohammad
 6/15/2020 8:45:14 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.341 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	169064		
182	89.9	74.8	112.2	
145	27.4	21.9	32.9	





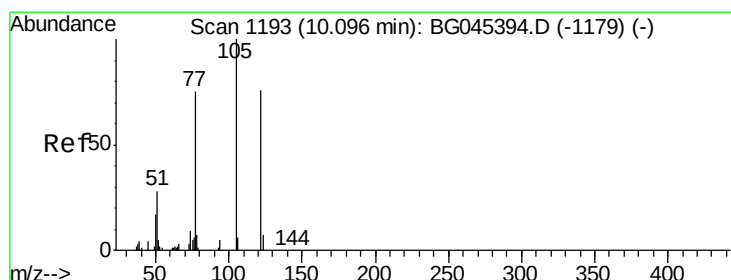
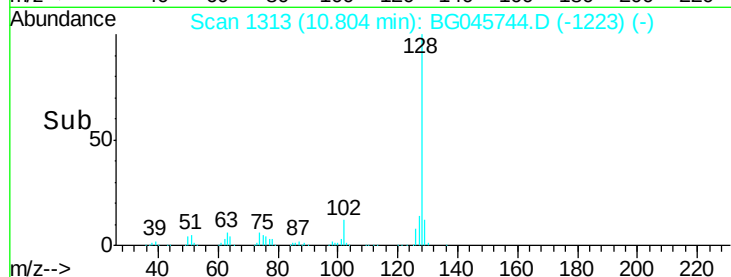
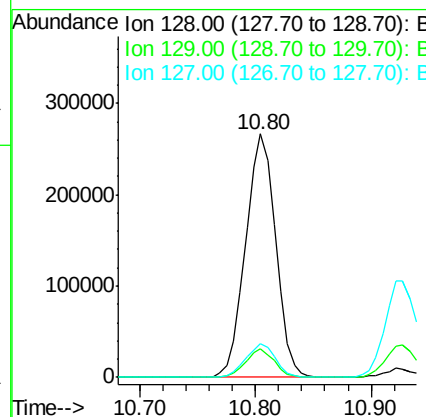
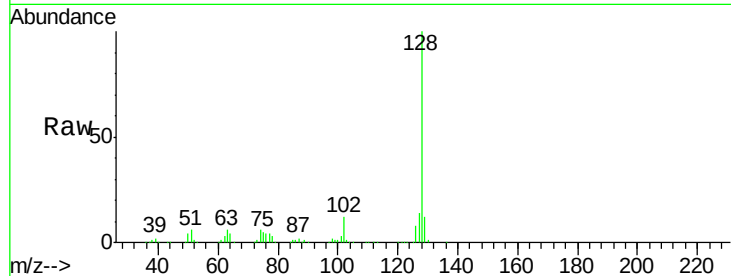
#31
Naphthalene
Concen: 44.165 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.0	13.6	
127	13.7	10.7	16.1	

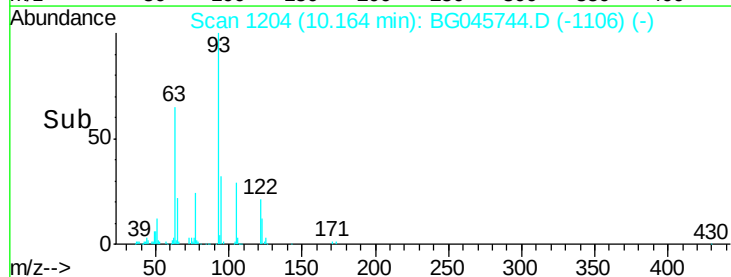
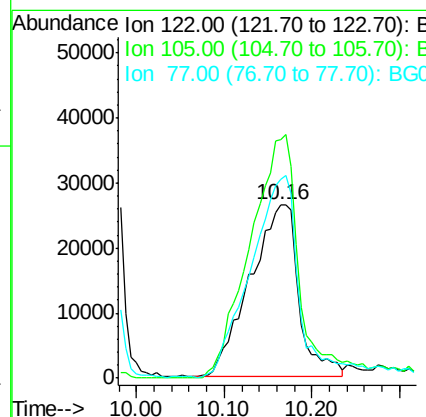
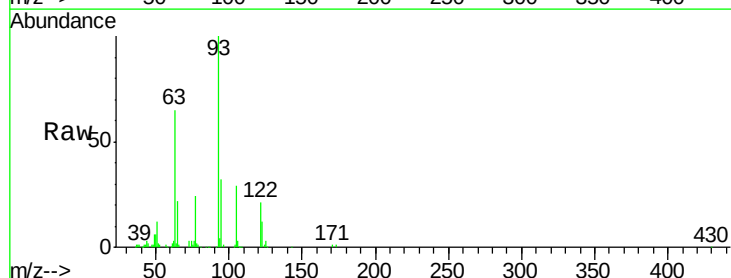
Manual Integrations
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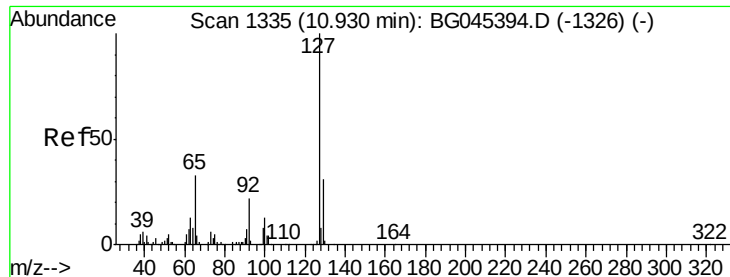
mohammad
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#32
Benzoic acid
Concen: 50.554 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.04 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	137.0	107.9	147.9	
77	114.8	78.9	118.9	





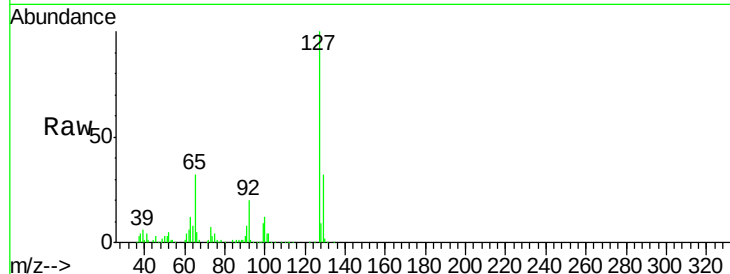
#33
4-Chloroaniline
Concen: 46.418 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

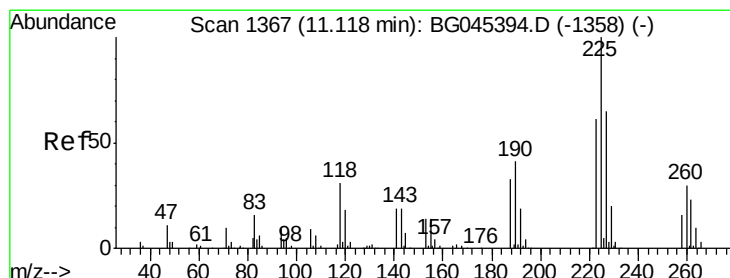
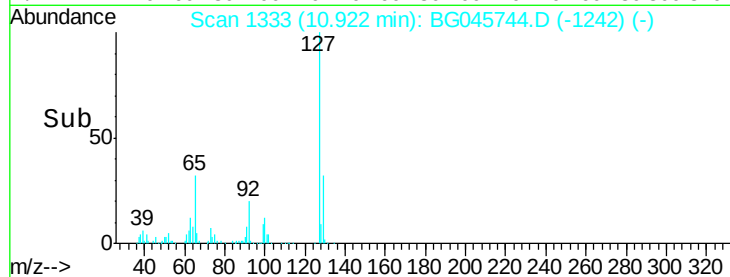
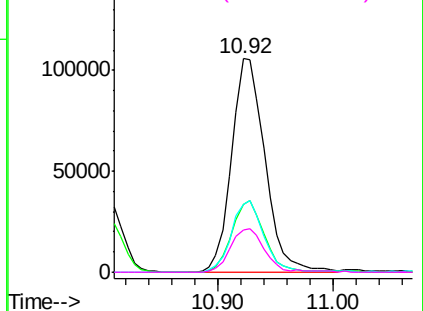
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.7	37.1
65	32.0	26.2	39.2
92	20.0	17.9	26.9

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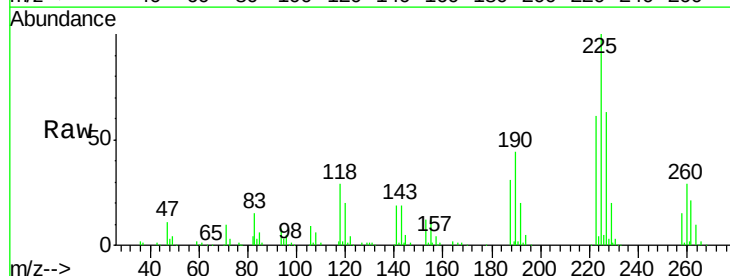


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

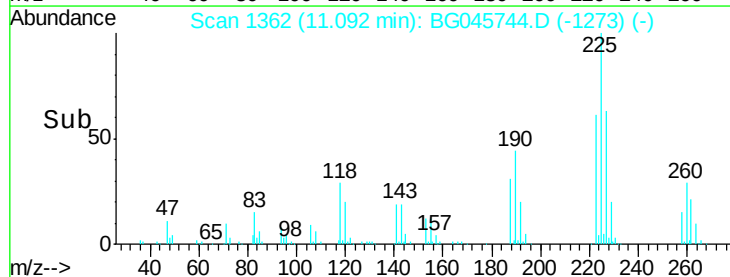
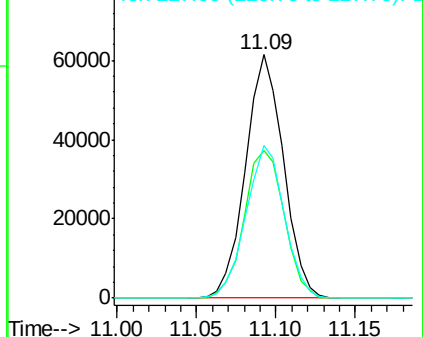


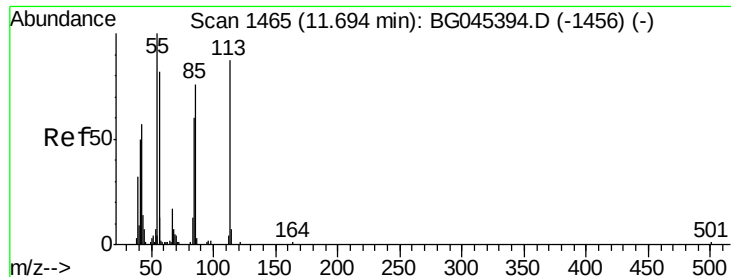
#34
Hexachlorobutadiene
Concen: 35.458 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.1	73.7
227	62.7	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 56.274 ng/mL

RT: 11.71 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

ClientSampleId :

PB129511BS

Tot Ion:113 Resp: 71486

Ion Ratio Lower Upper

113 100

55 129.5 96.0 136.0

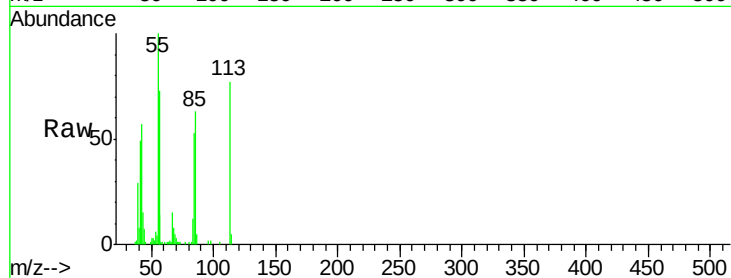
56 94.4 75.1 115.1

Manual Integrations

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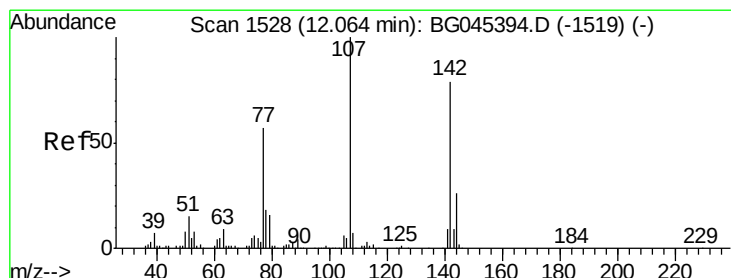
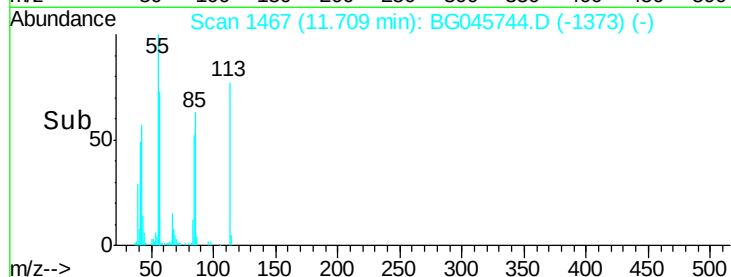
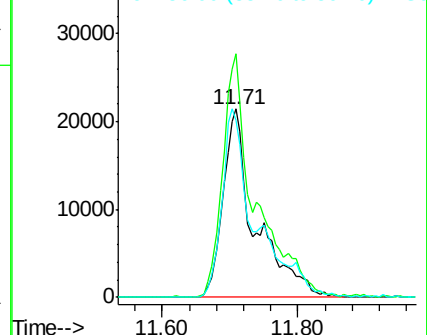
6/15/2020 8:45:14 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 58.816 ng/mL

RT: 12.10 min Scan# 1534

Delta R.T. 0.03 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

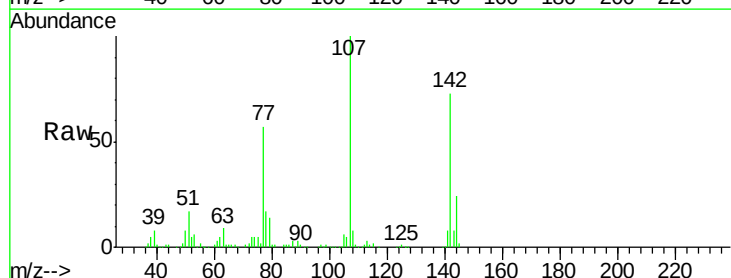
Tgt Ion:107 Resp: 229376

Ion Ratio Lower Upper

107 100

144 23.9 20.8 31.2

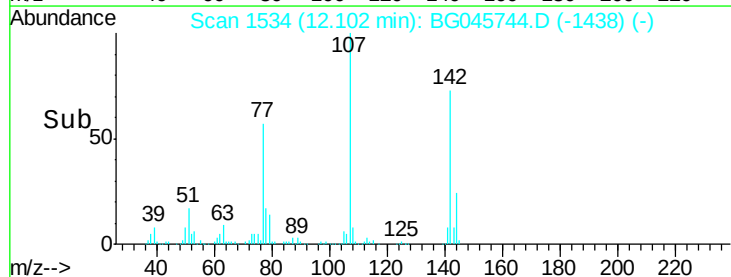
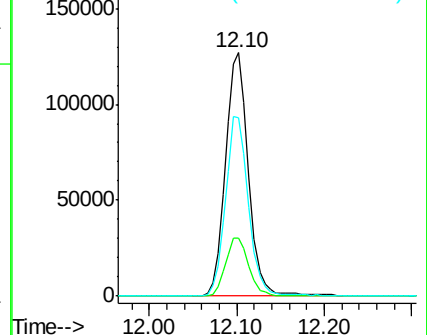
142 73.1 62.8 94.2

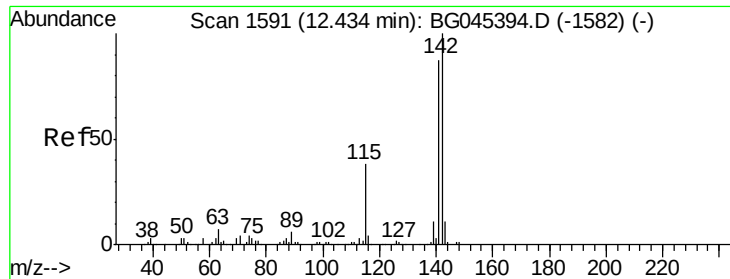


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





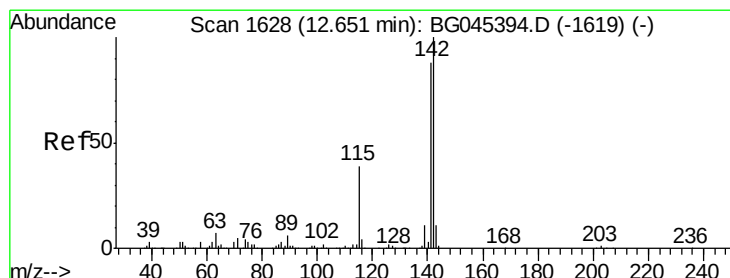
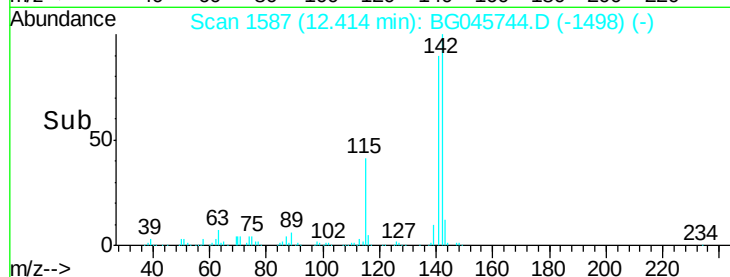
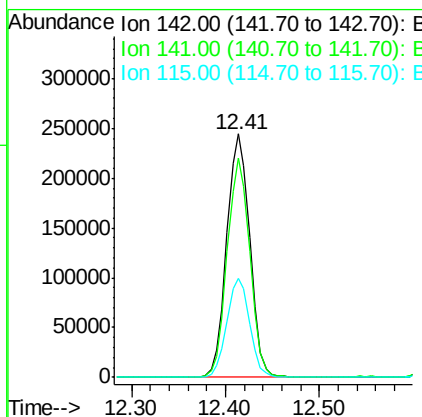
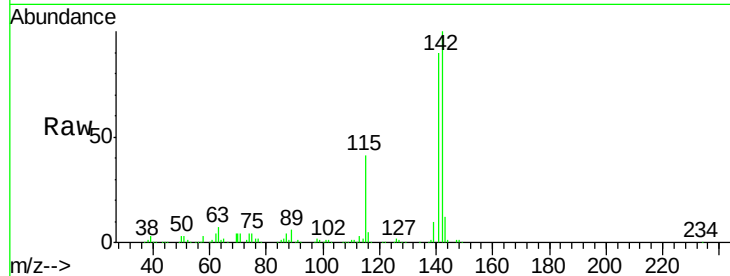
#37
2-Methylnaphthalene
Concen: 50.920 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.0	105.0
115	40.6	30.8	46.2

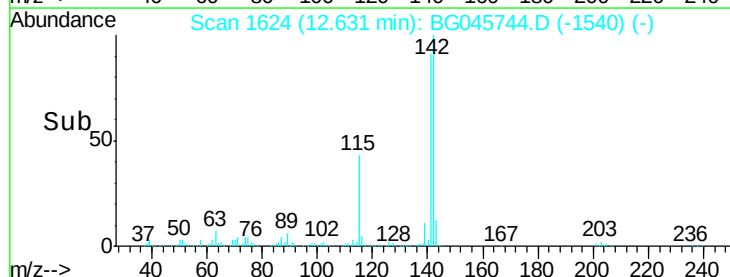
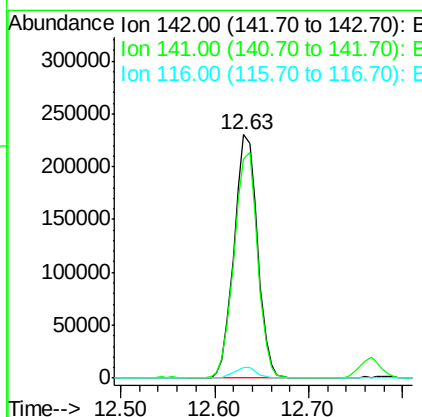
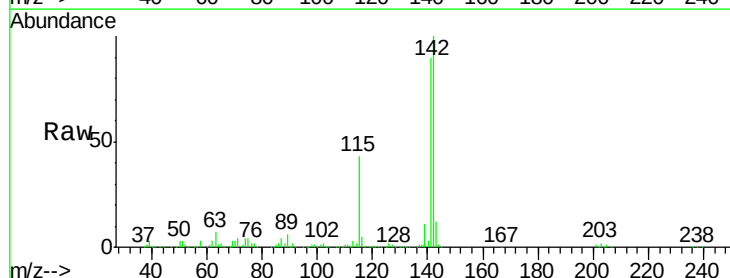
Manual Integrations
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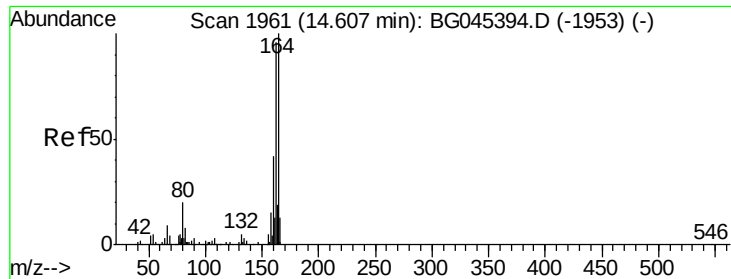
mohammad
6/15/2020 8:45:14 AM



#38
1-Methylnaphthalene
Concen: 51.482 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
116	4.5	3.0	4.6





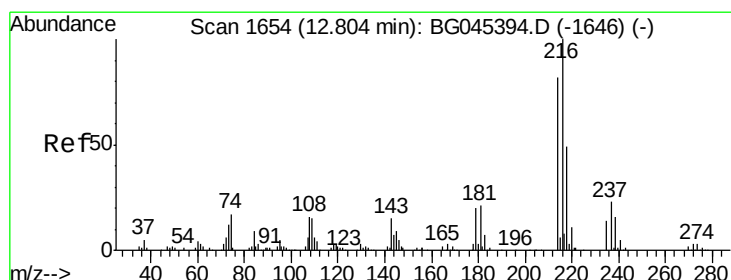
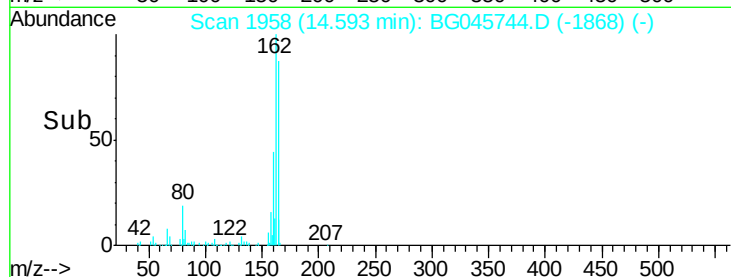
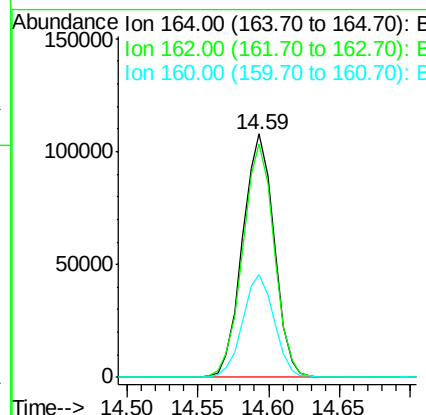
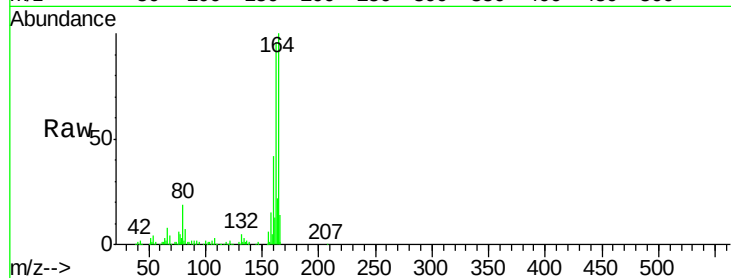
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.1	76.9	115.3
160	42.1	33.8	50.8

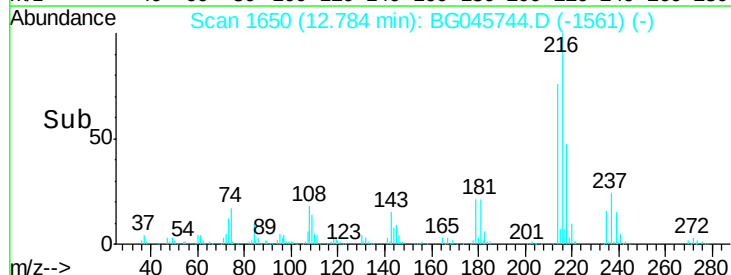
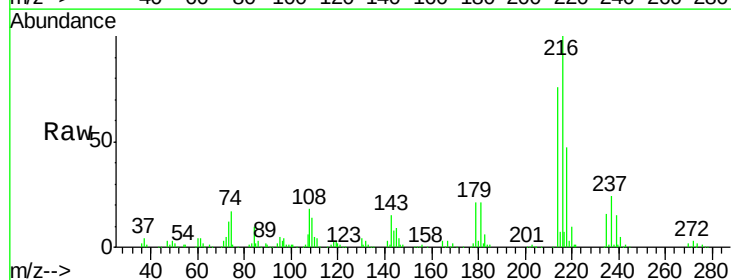
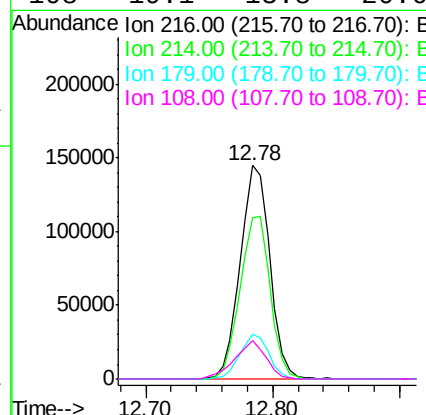
Manual Integrations
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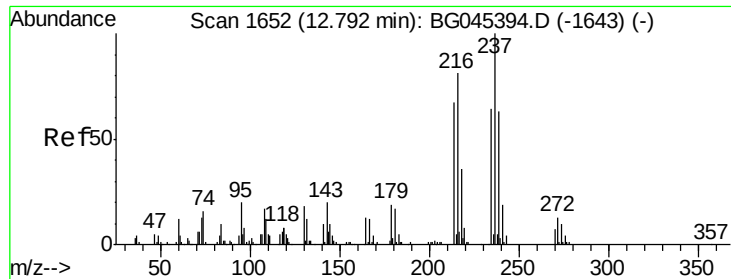
mohammad
6/15/2020 8:45:14 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.633 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.7	95.5
179	20.4	16.1	24.1
108	19.1	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 94.352 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

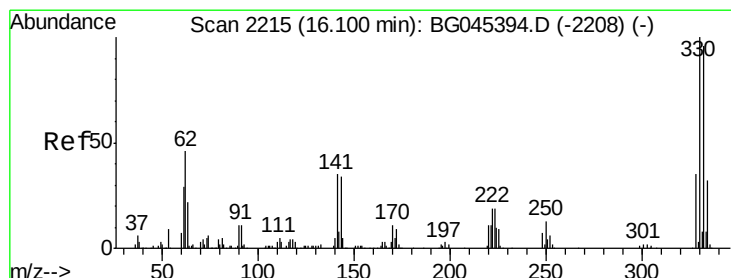
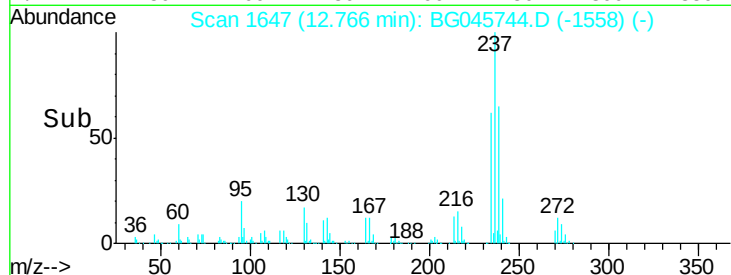
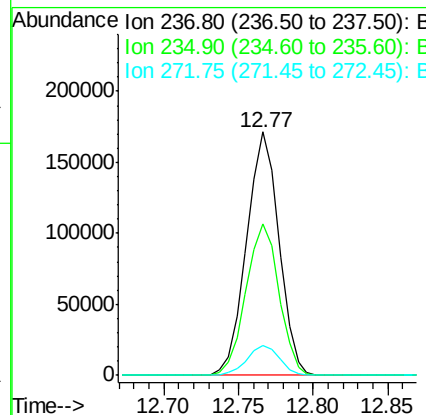
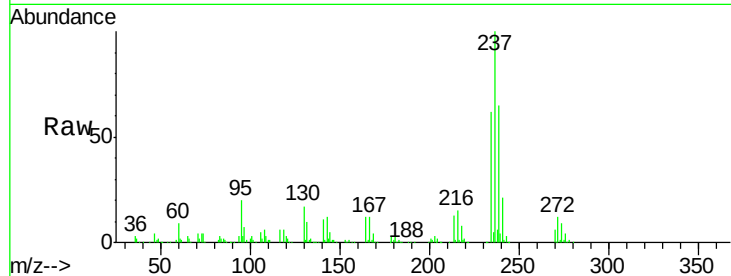
ClientSampleId :

PB129511BS

Tot Ion:	237	Resp:	256630
Ion Ratio	Lower	Upper	
237	100		
235	62.2	44.4	84.4
272	12.2	0.0	32.5

Manual Integrations
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6/15/2020 8:45:14 AM



#42

2,4,6-Tribromophenol

Concen: 167.577 ng

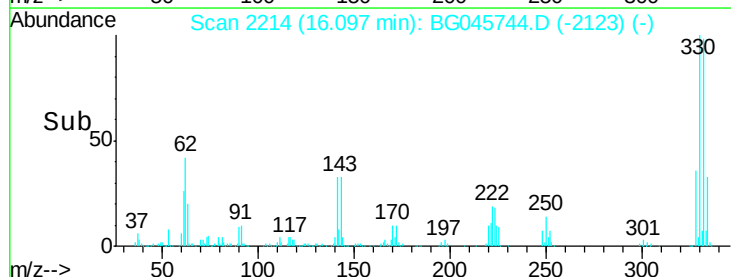
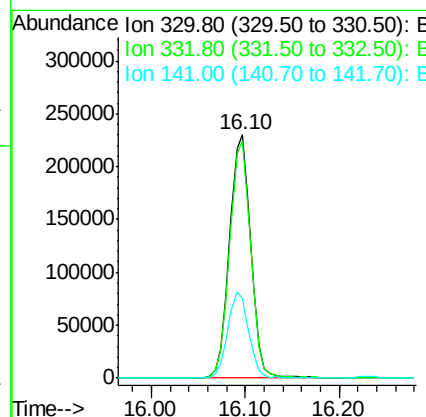
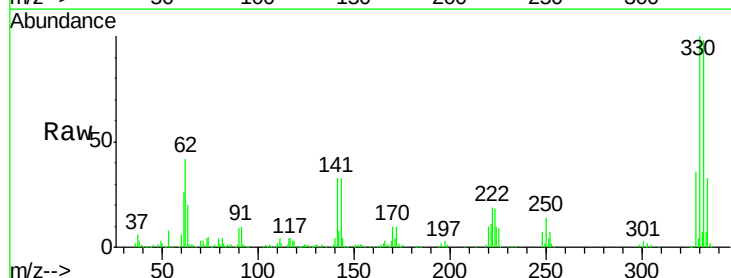
RT: 16.10 min Scan# 2214

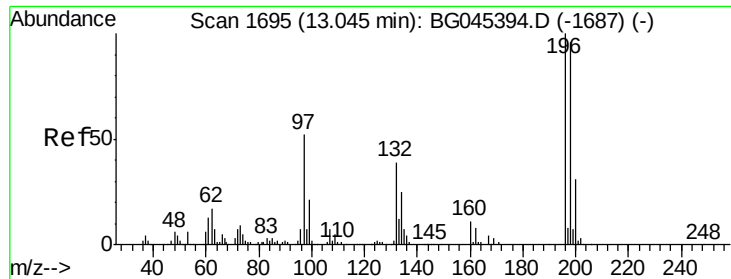
Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion:	330	Resp:	361570
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.2	117.4
141	35.2	28.2	42.4





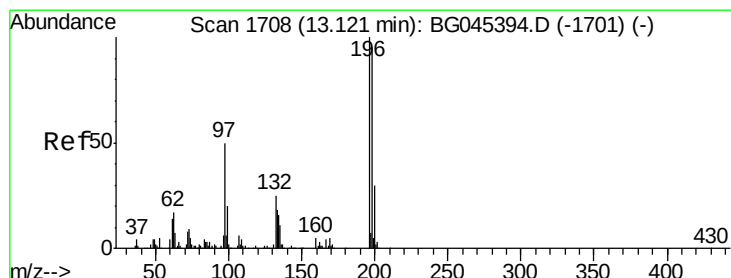
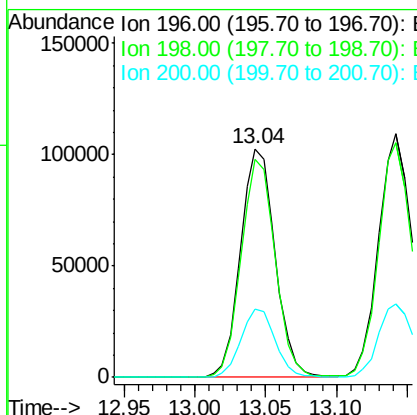
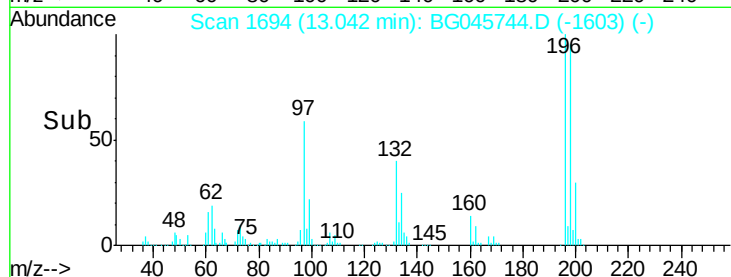
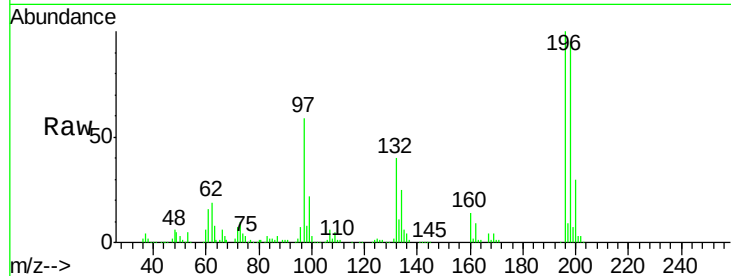
#43
 2,4,6-Trichlorophenol
 Concen: 53.845 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	176262		
198	95.2	76.7	115.1	
200	30.0	24.9	37.3	

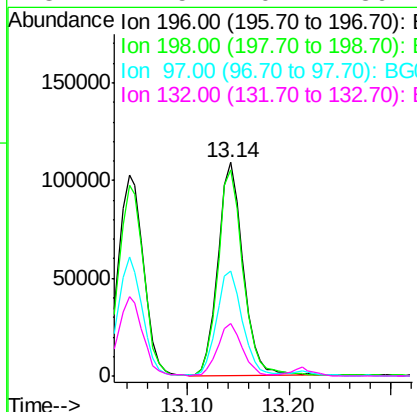
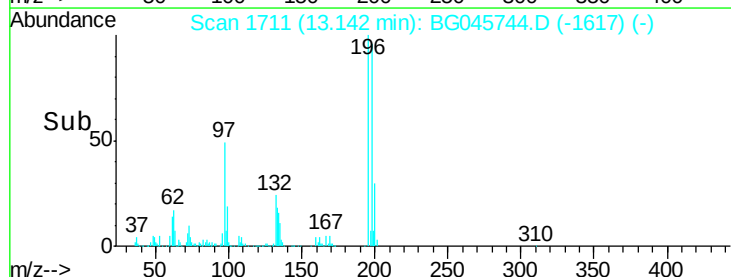
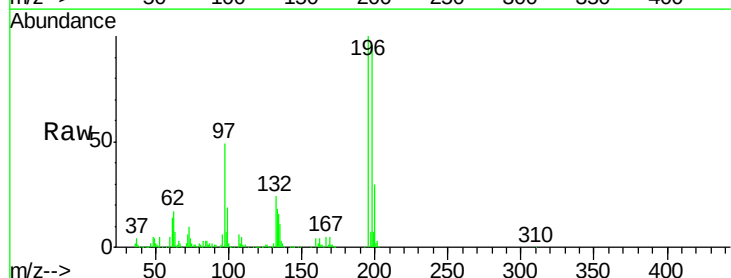
Manual Integrations
 APPROVED

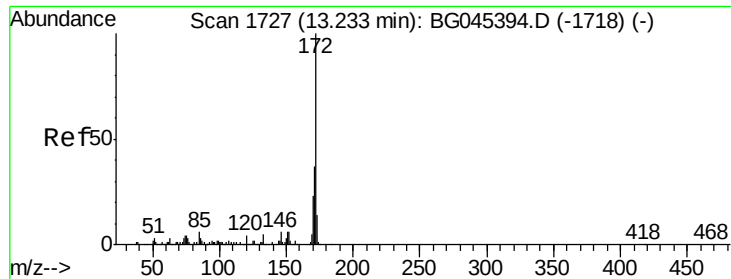
mohammad
 6/15/2020 8:45:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.457 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.02 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188749		
198	96.5	76.1	114.1	
97	48.9	40.0	60.0	
132	24.5	20.2	30.2	





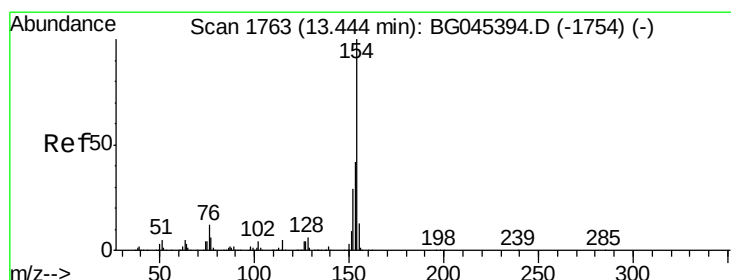
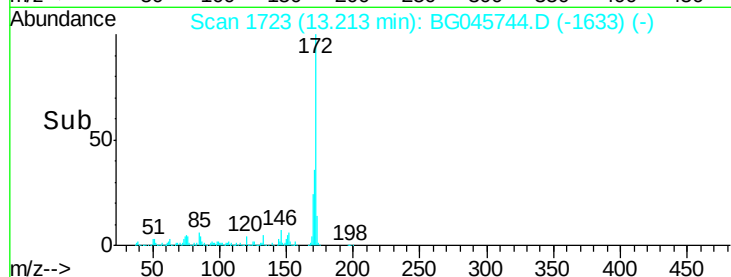
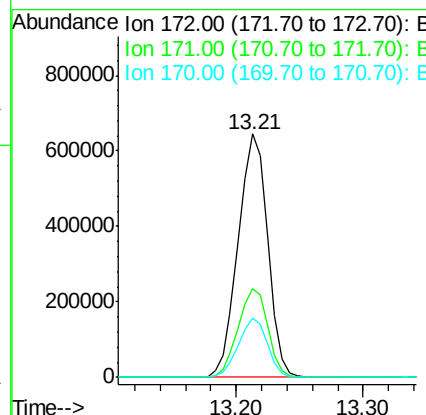
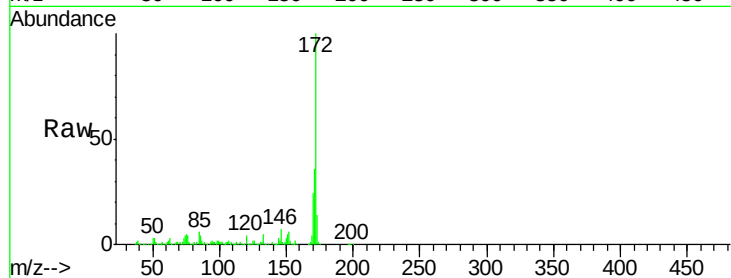
#45
2-Fluorobiphenyl
Concen: 104.488 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.1	18.5	27.7

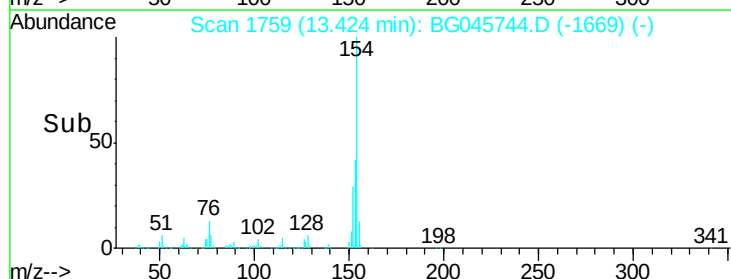
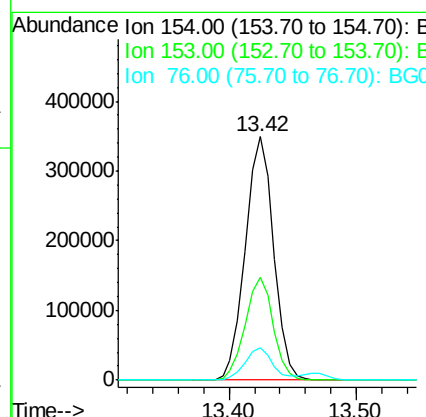
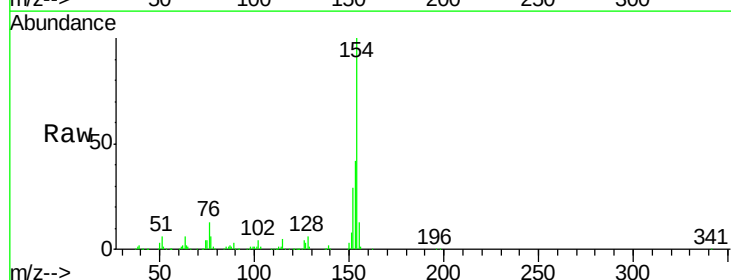
Manual Integrations
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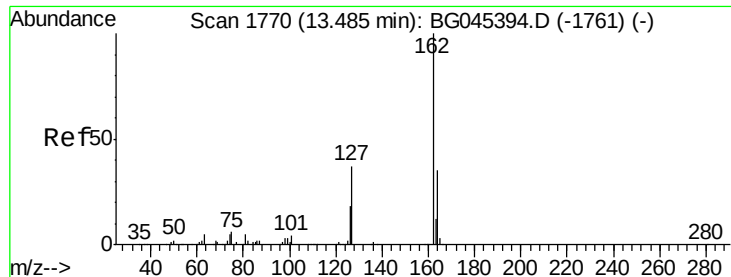
mohammad
6/15/2020 8:45:14 AM



#46
1,1'-Biphenyl
Concen: 52.056 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.2	62.2
76	13.1	0.0	32.4





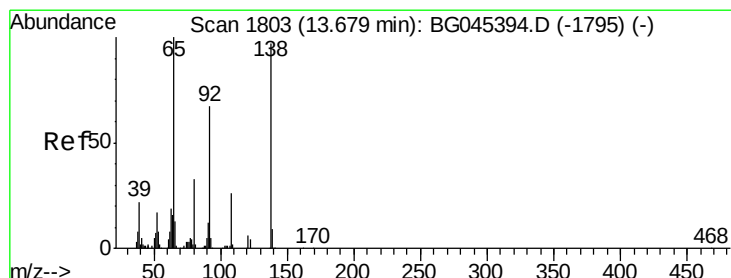
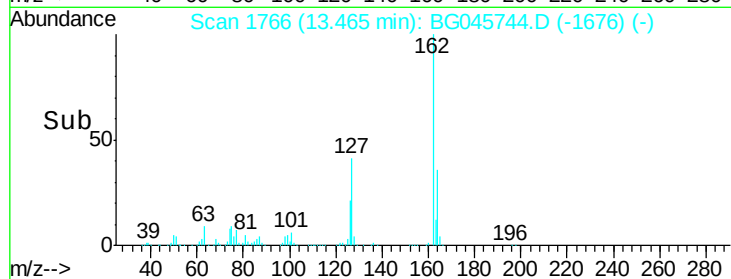
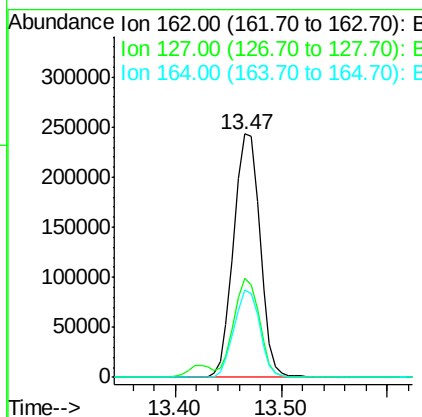
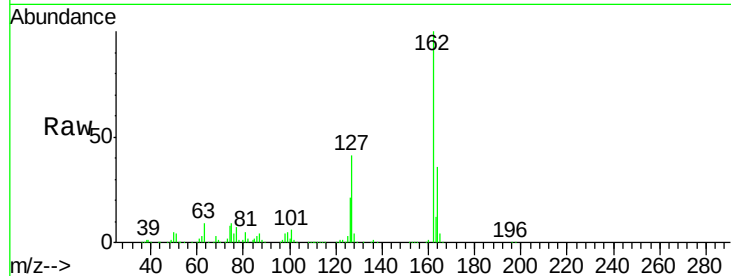
#47
2-Chloronaphthalene
Concen: 49.905 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.6	47.4
164	36.0	28.1	42.1

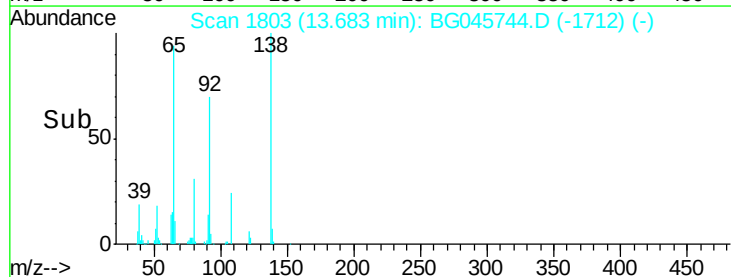
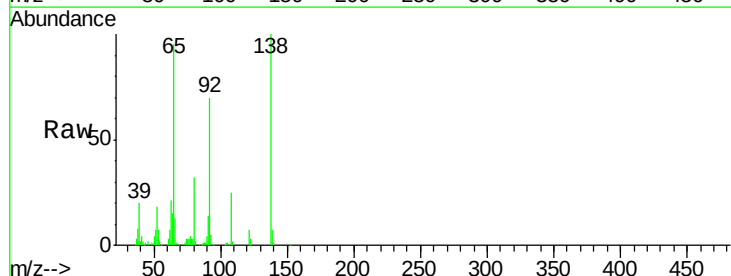
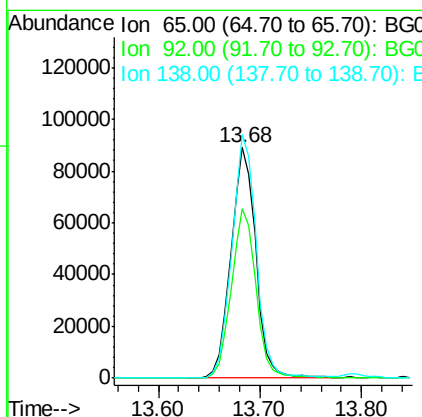
Manual Integrations
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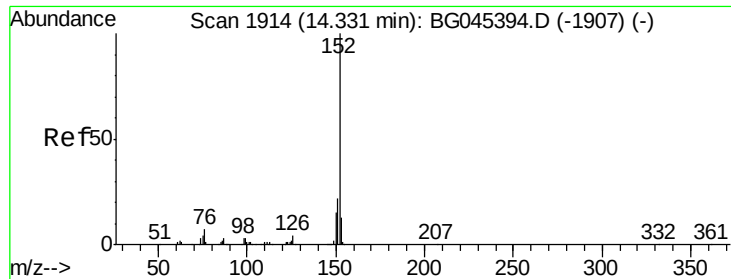
mohammad
6/15/2020 8:45:14 AM



#48
2-Nitroaniline
Concen: 54.909 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.8	80.8
138	105.7	77.9	116.9





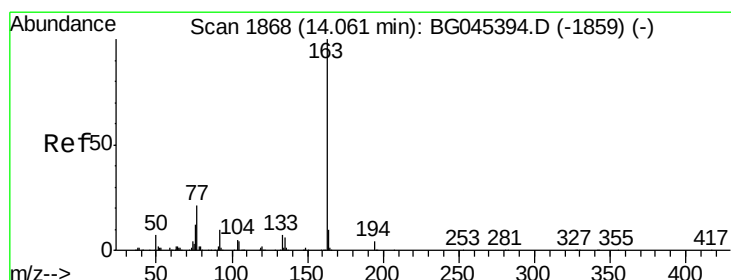
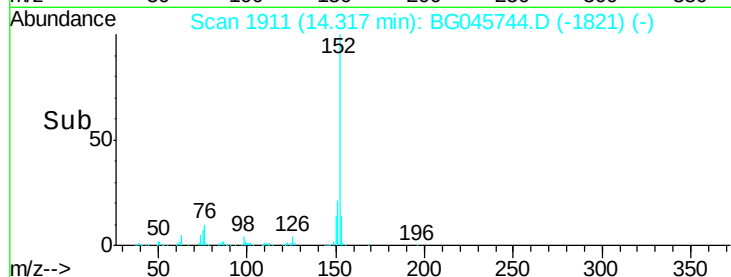
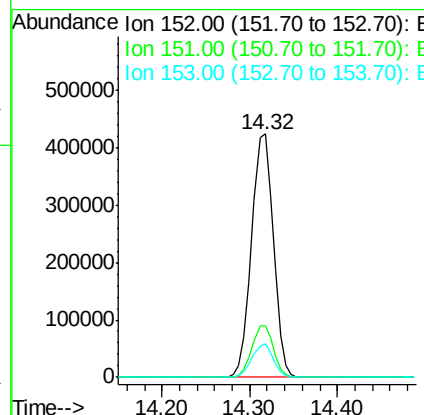
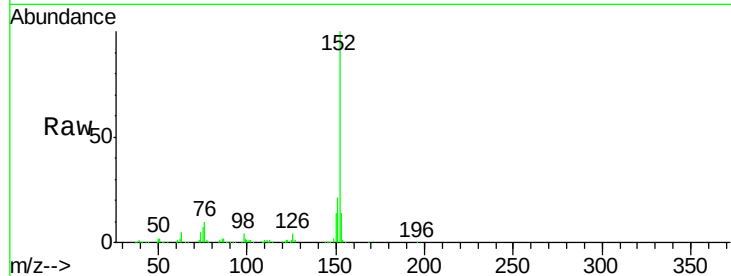
#49
Acenaphthylene
Concen: 52.805 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.4	26.2
153	13.9	10.7	16.1

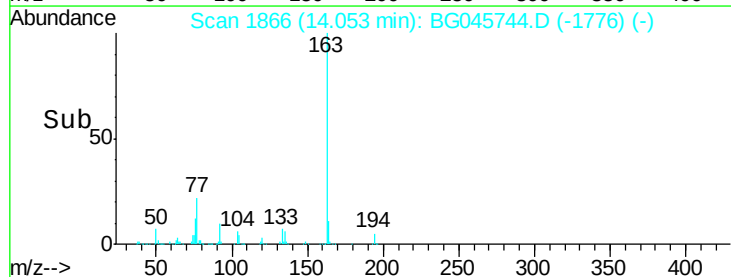
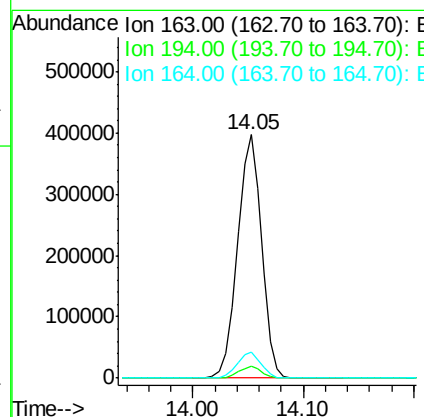
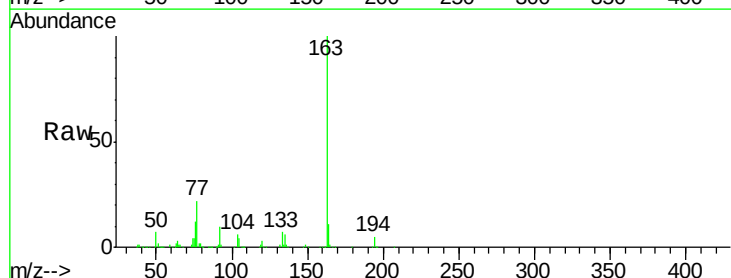
Manual Integrations
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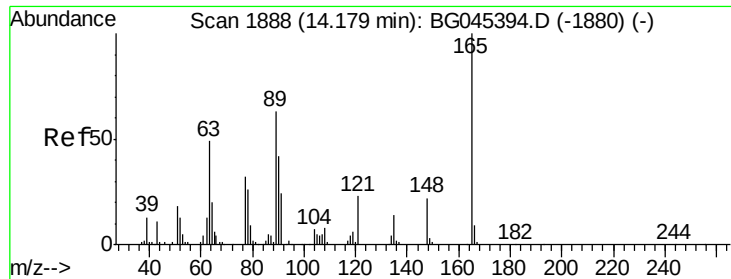
mohammad
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#50
Dimethylphthalate
Concen: 52.268 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	10.7	8.3	12.5





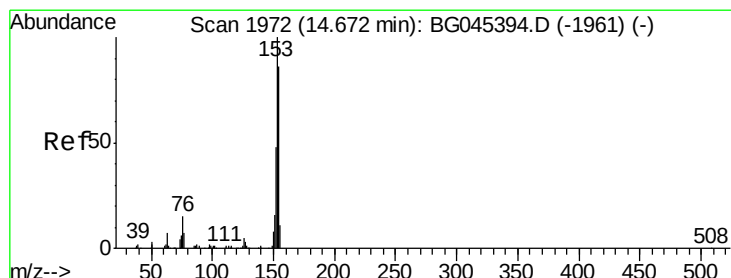
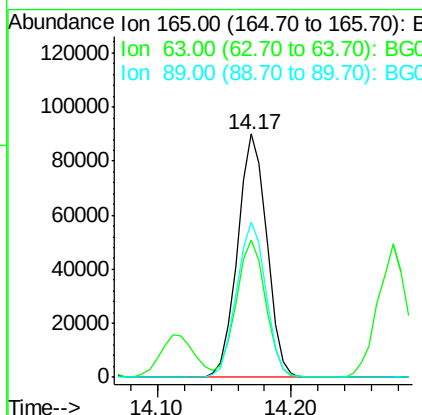
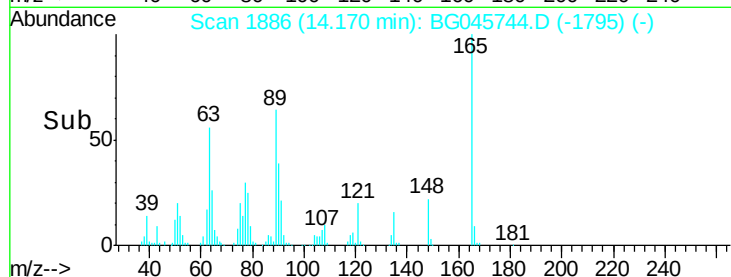
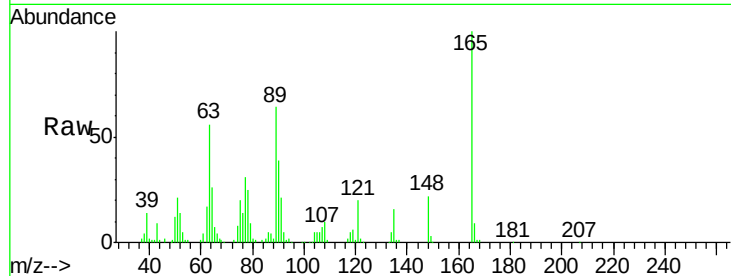
#51
 2,6-Dinitrotoluene
 Concen: 52.179 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion:	165	Resp:	136268
Ion Ratio	Lower	Upper	
165	100		
63	56.2	45.0	67.4
89	63.7	50.2	75.4

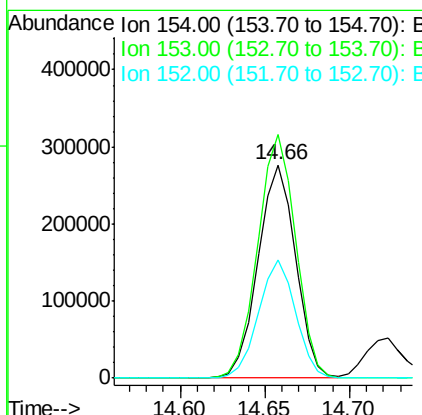
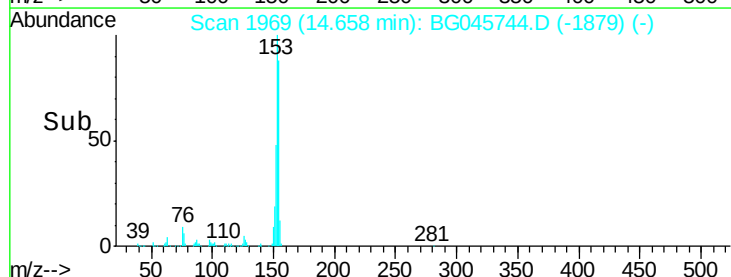
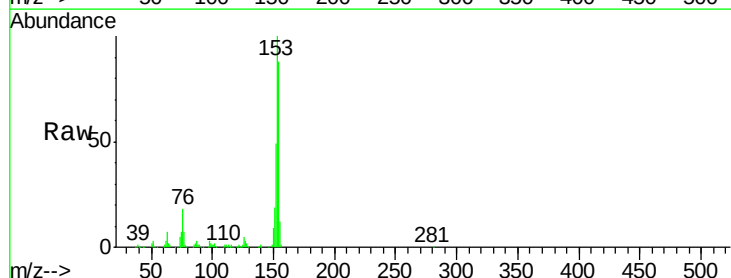
Manual Integrations
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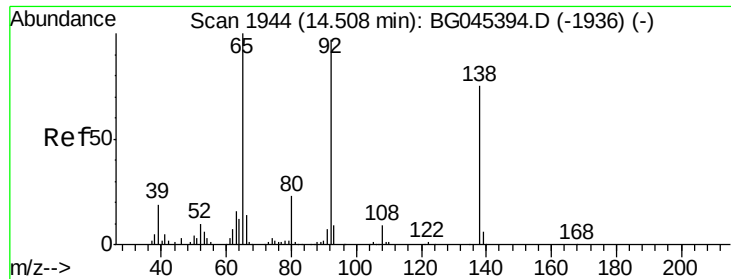
mohammad
 6/15/2020 8:45:14 AM



#52
 Acenaphthene
 Concen: 47.127 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion:	154	Resp:	426545
Ion Ratio	Lower	Upper	
154	100		
153	114.0	92.8	139.2
152	55.6	44.6	66.8





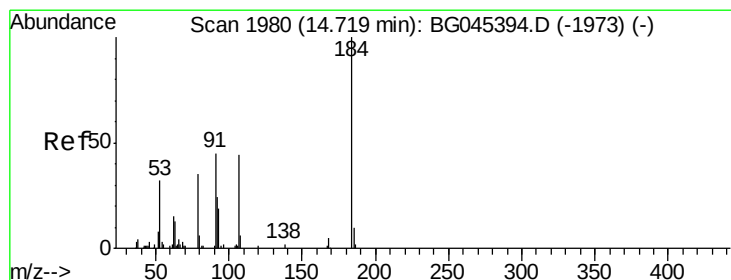
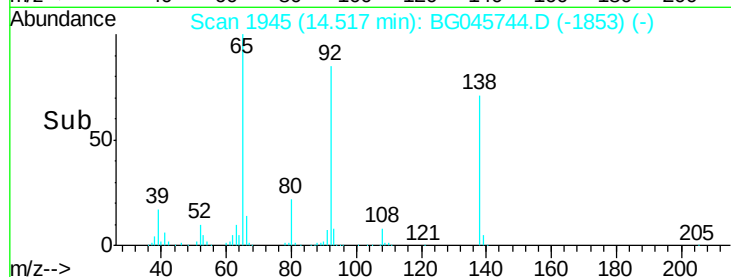
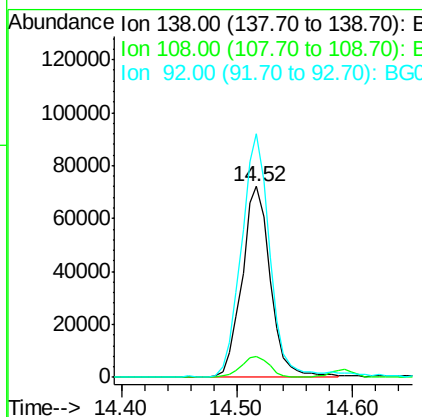
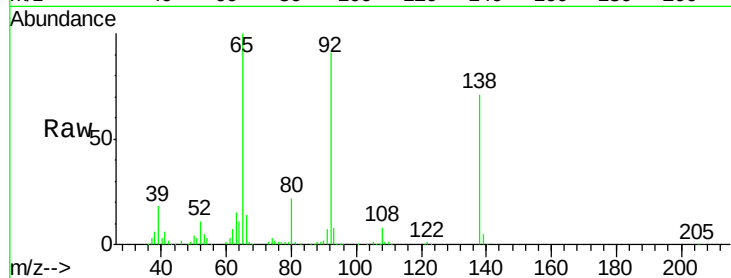
#53
3-Nitroaniline
Concen: 46.250 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.8	14.6
92	127.5	103.0	154.4

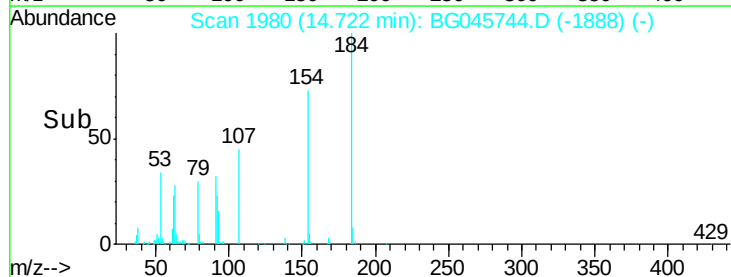
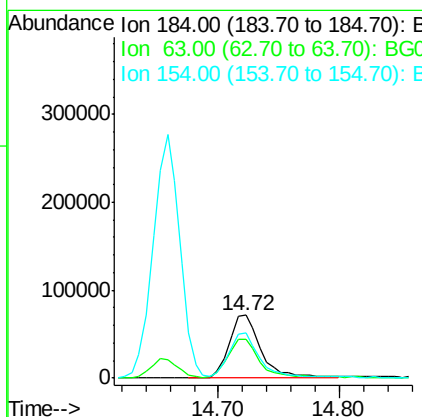
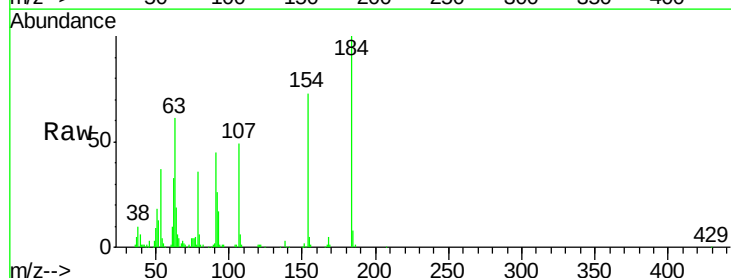
Manual Integrations
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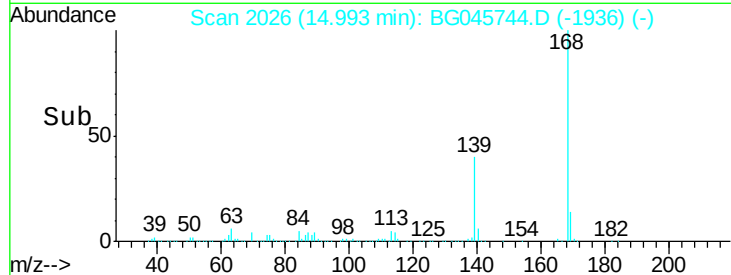
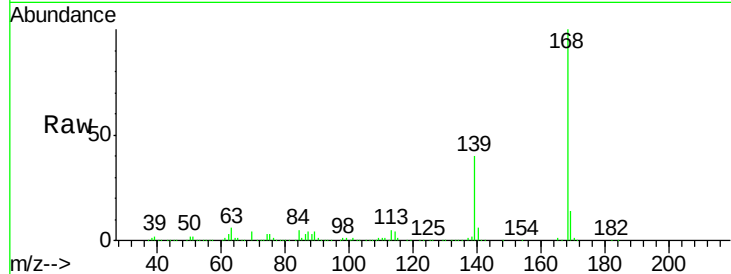
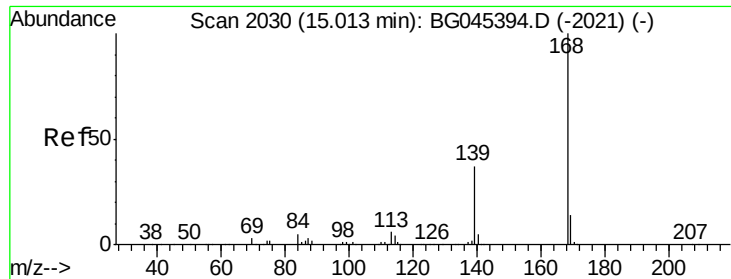
mohammad
6/15/2020 8:45:14 AM



#54
2,4-Dinitrophenol
Concen: 77.077 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	47.8	71.6
154	72.6	58.3	87.5





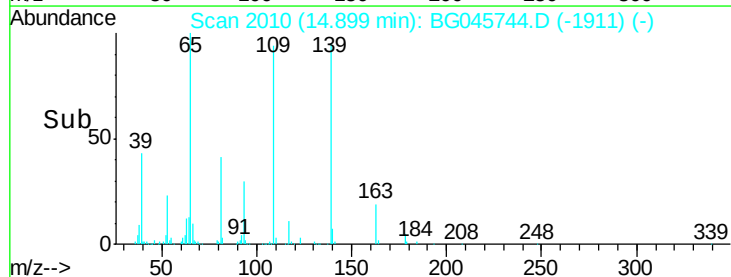
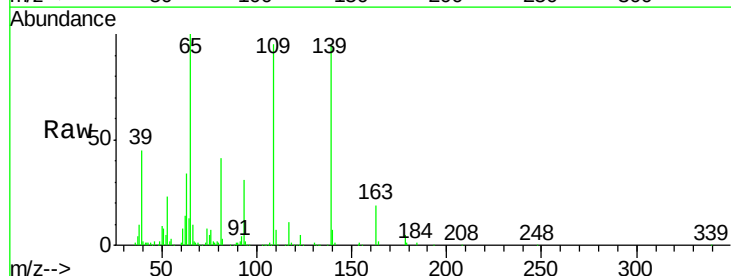
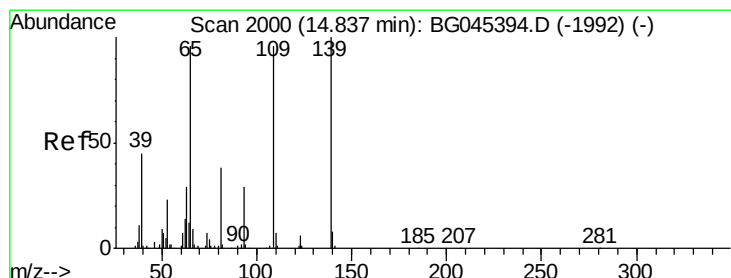
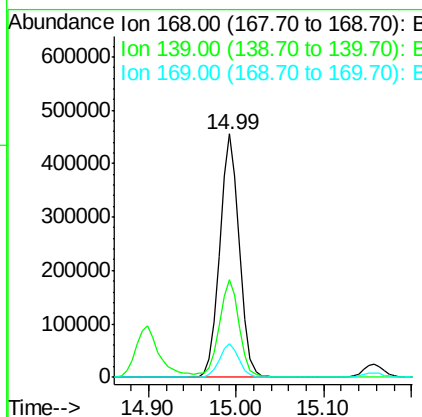
#55
Dibenzofuran
Concen: 52.188 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	29.9	44.9
169	13.7	10.9	16.3

Instrument :
BNA_G
ClientSampleId :
PB129511BS

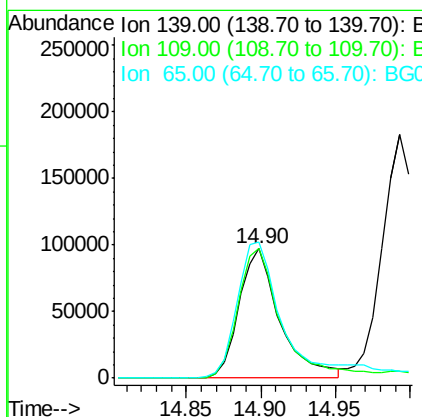
Manual Integrations
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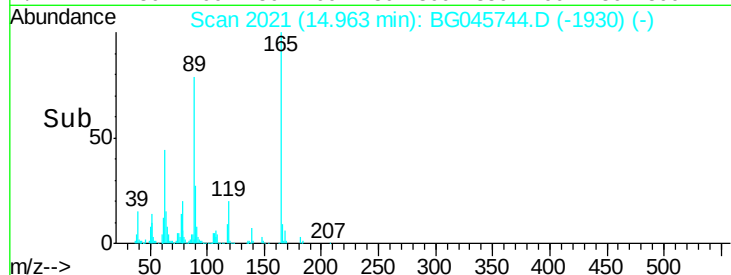
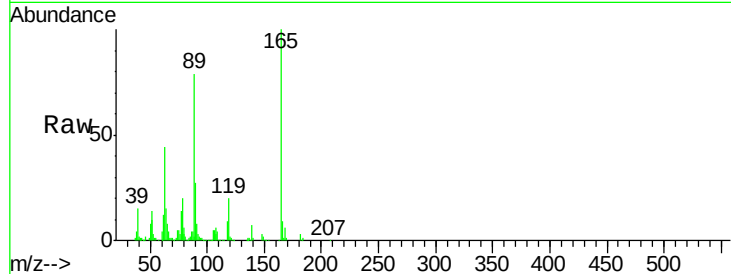
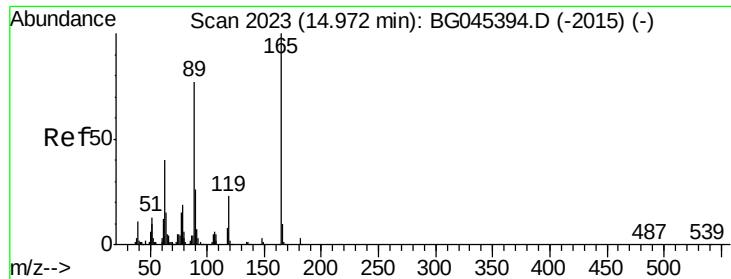
mohammad
6/15/2020 8:45:14 AM



#56
4-Nitrophenol
Concen: 91.403 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.0	75.6	115.6
65	105.3	76.8	116.8





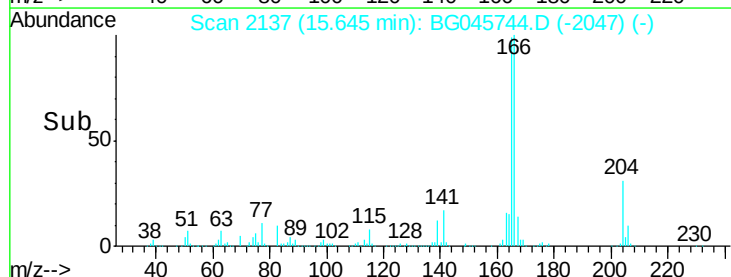
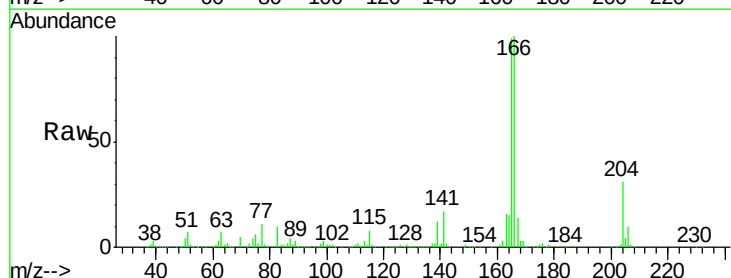
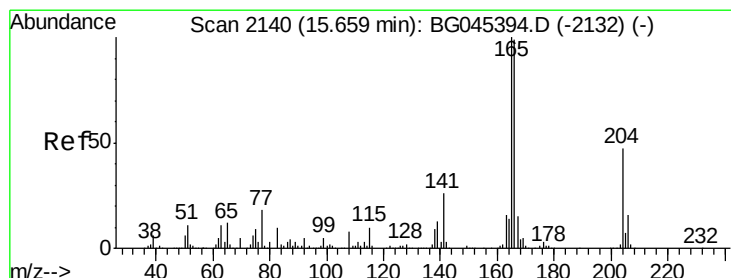
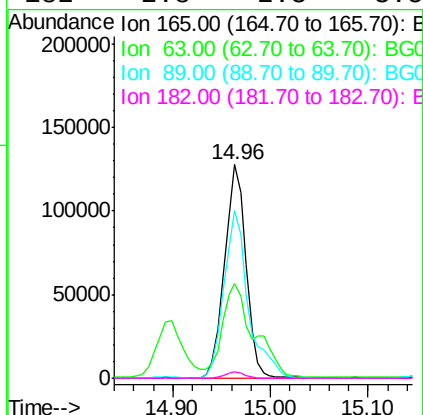
#57
2,4-Dinitrotoluene
Concen: 51.699 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.2	32.5	48.7
89	78.6	61.8	92.6
182	2.8	2.3	3.5

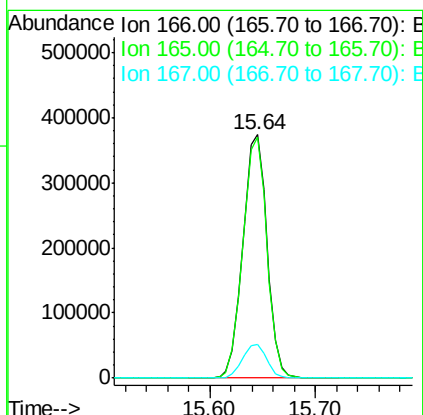
Manual Integrations
APPROVED

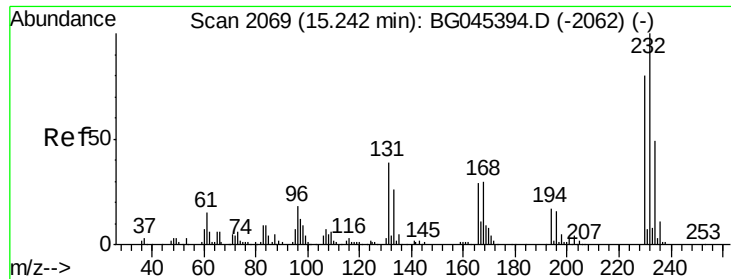
mohammad
6/15/2020 8:45:14 AM



#58
Fluorene
Concen: 53.622 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.1	80.8	121.2
167	13.9	12.0	18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.446 ng

RT: 15.24 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

ClientSampleId :

PB129511BS

Tot Ion:232 Resp: 182475

Ion Ratio Lower Upper

232 100

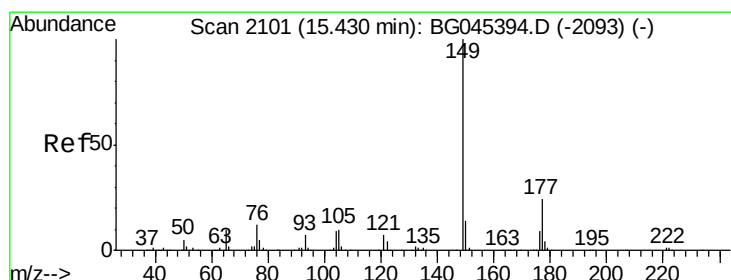
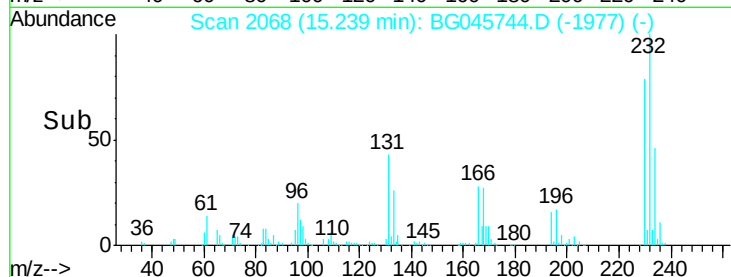
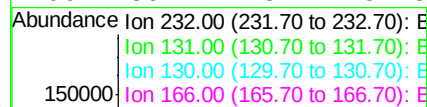
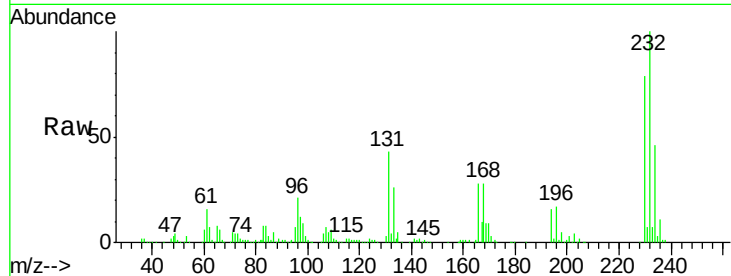
131 40.9 33.7 50.5

130 2.6 2.1 3.1

166 30.2 23.2 34.8

Manual Integrations
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mohammad
6/15/2020 8:45:14 AM



#60

Diethylphthalate

Concen: 52.334 ng

RT: 15.42 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

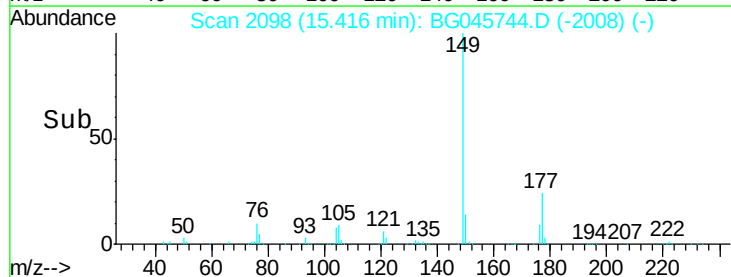
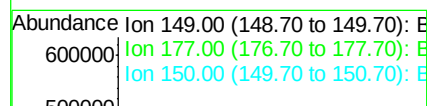
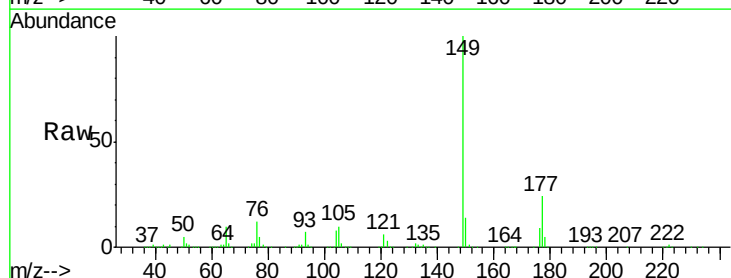
Tgt Ion:149 Resp: 630425

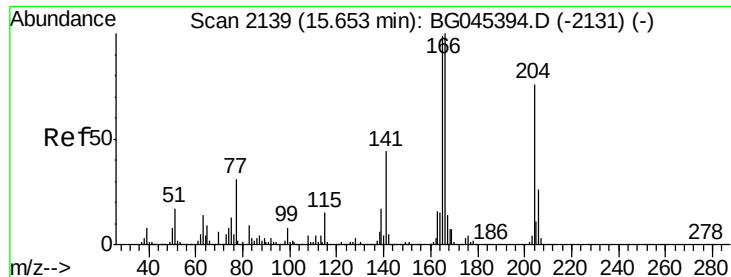
Ion Ratio Lower Upper

149 100

177 23.5 19.0 28.4

150 13.7 11.4 17.0





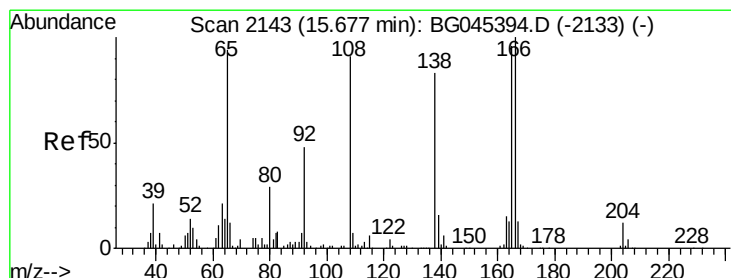
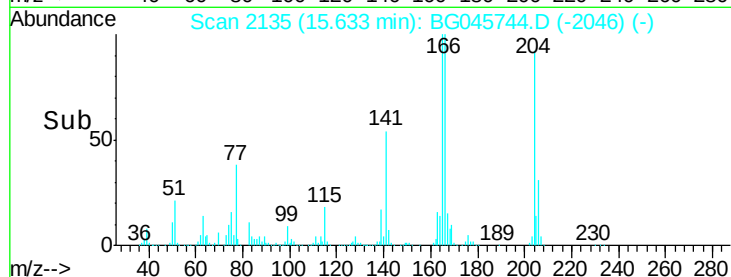
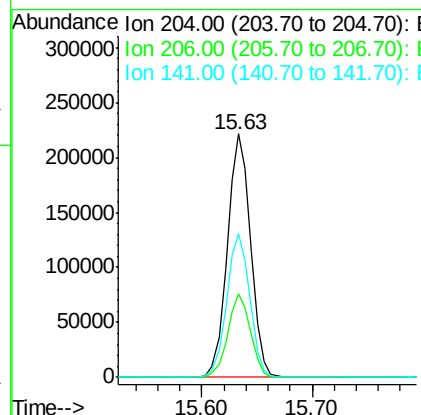
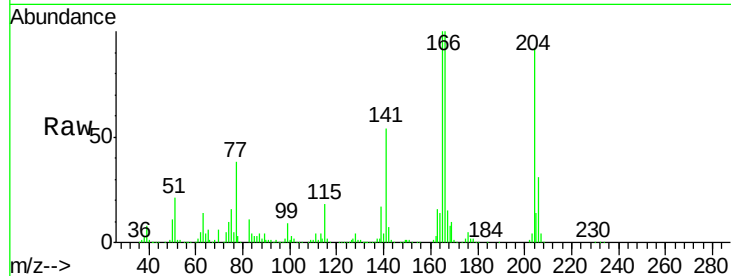
#61
 4-Chlorophenyl-phenylether
 Concen: 51.365 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion:	204	Resp:	324570
Ion Ratio	Lower	Upper	
204	100		
206	34.2	27.3	40.9
141	59.3	45.9	68.9

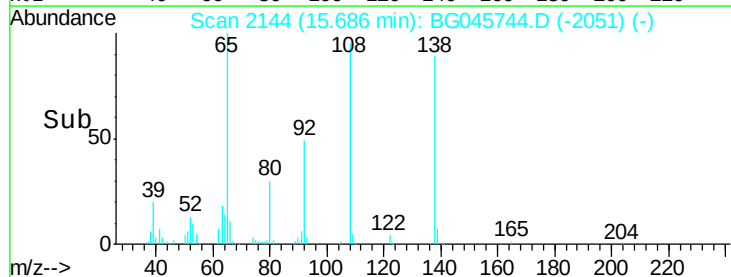
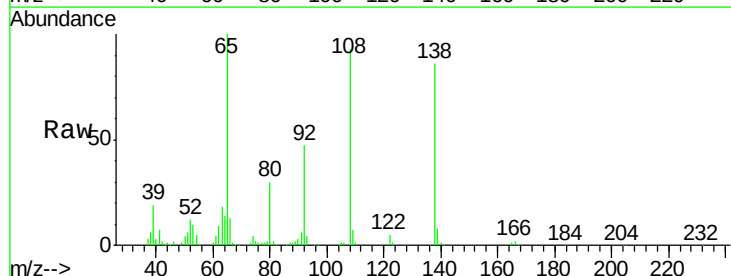
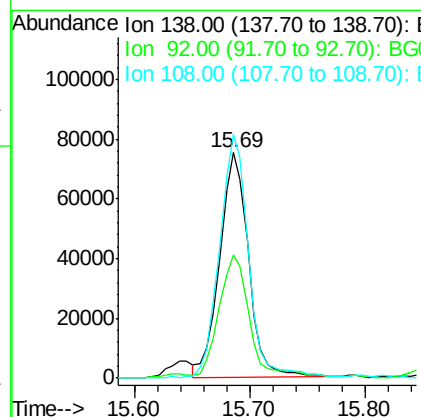
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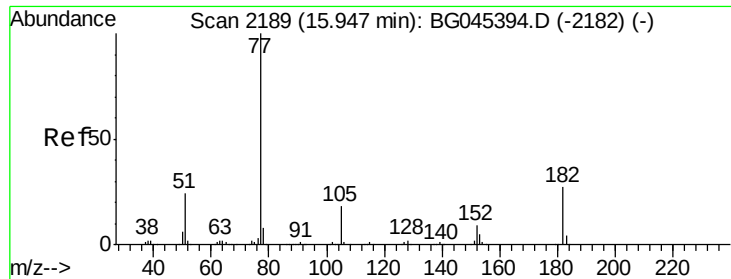
mohammad
 6/15/2020 8:45:14 AM



#62
 4-Nitroaniline
 Concen: 46.827 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. 0.02 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion:	138	Resp:	129779
Ion Ratio	Lower	Upper	
138	100		
92	54.9	38.0	78.0
108	108.1	89.3	129.3





#63

Azobenzene

Concen: 54.215 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

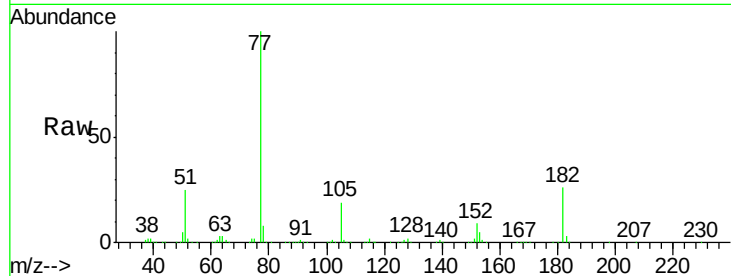
ClientSampleId :

PB129511BS

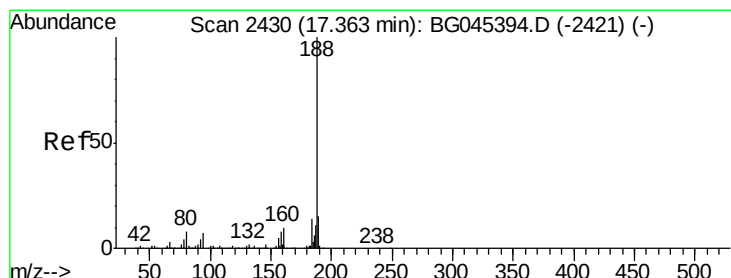
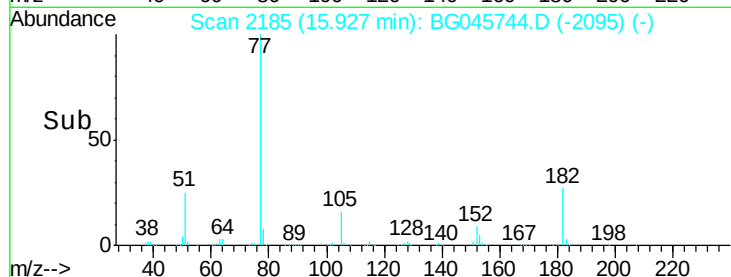
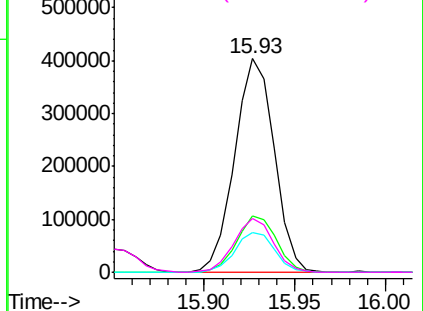
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.3	6.5	46.5	
105	18.9	0.0	37.9	
51	25.1	4.1	44.1	

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

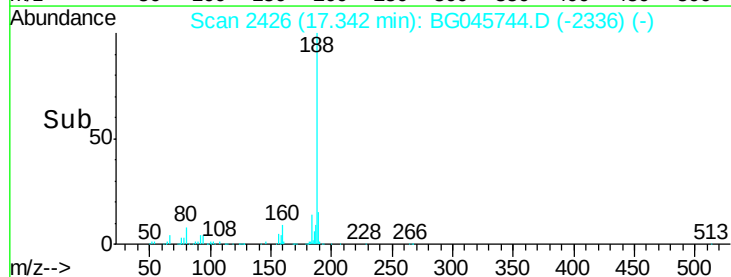
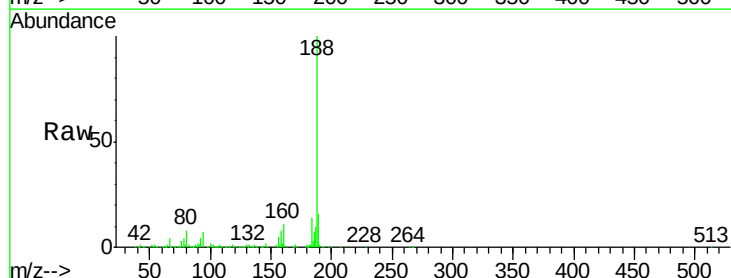
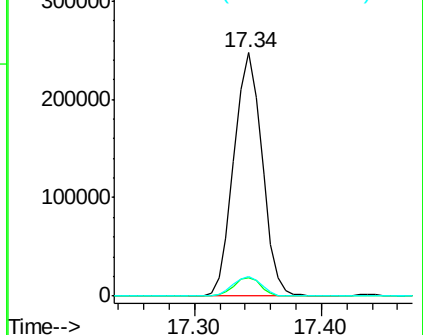
Delta R.T. -0.00 min

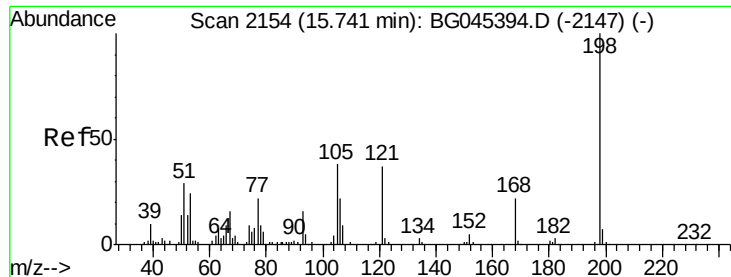
Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.3	5.5	8.3	
80	8.0	6.6	10.0	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





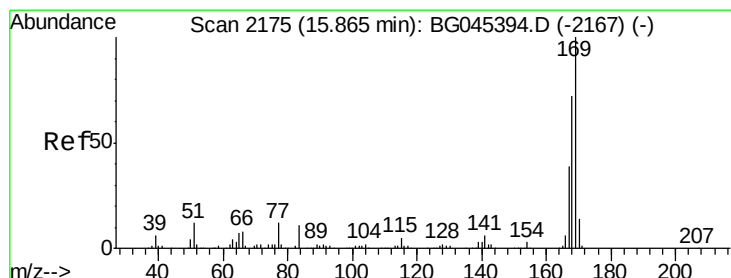
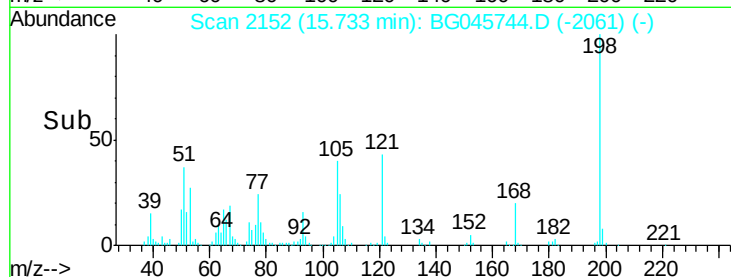
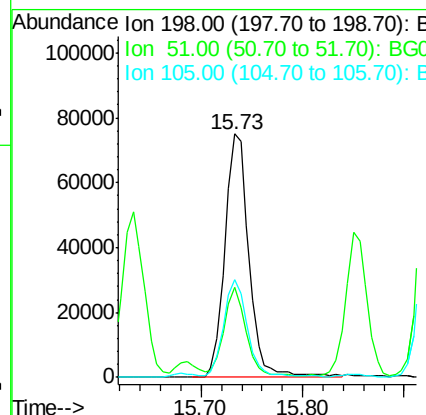
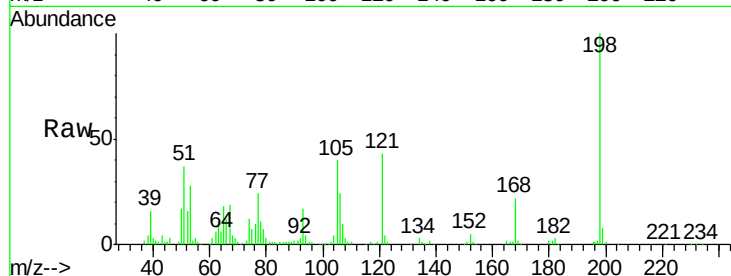
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.515 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123833		
51	36.9	10.0	50.0	
105	39.9	18.9	58.9	

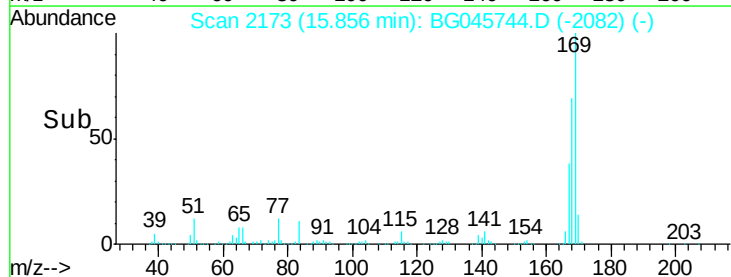
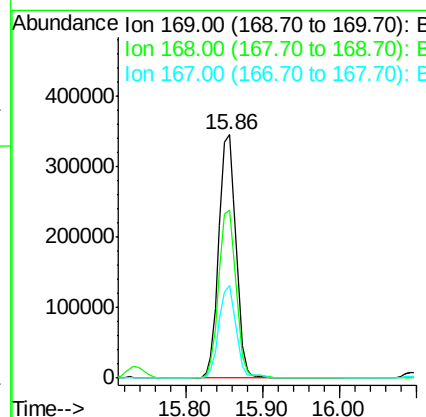
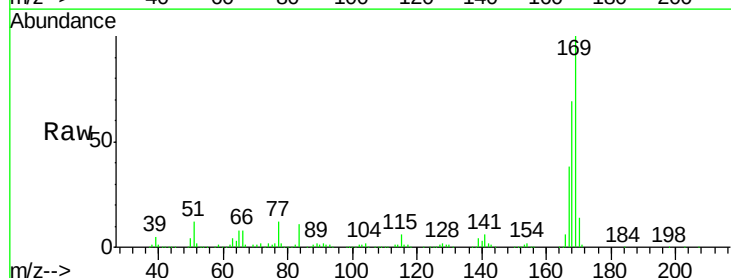
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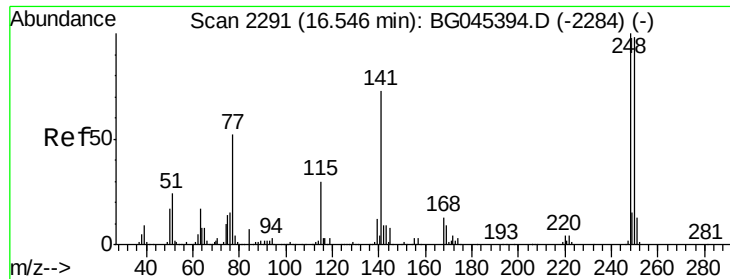
mohammad
 6/15/2020 8:45:14 AM



#66
 n-Nitrosodiphenylamine
 Concen: 57.370 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	527577		
168	69.2	57.8	86.6	
167	38.2	31.5	47.3	





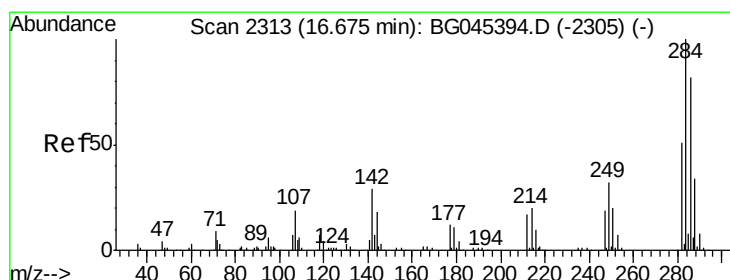
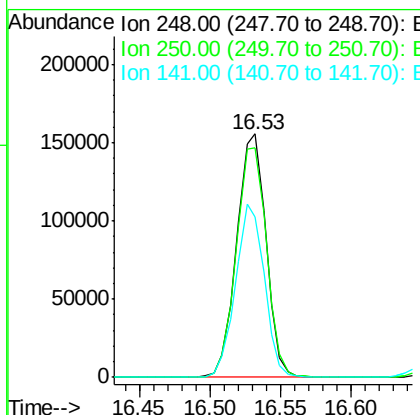
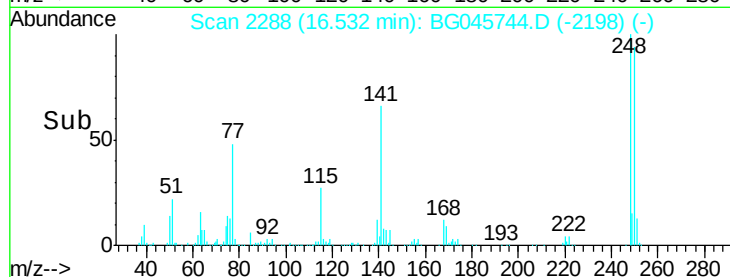
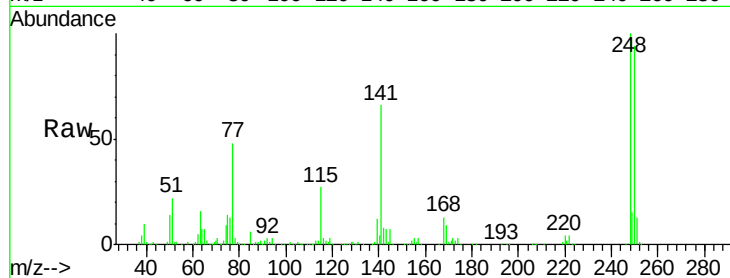
#67
 4-Bromophenyl-phenylether
 Concen: 54.358 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	78.6	117.8
141	65.9	58.2	87.2

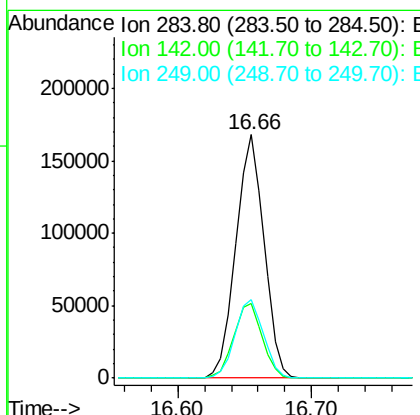
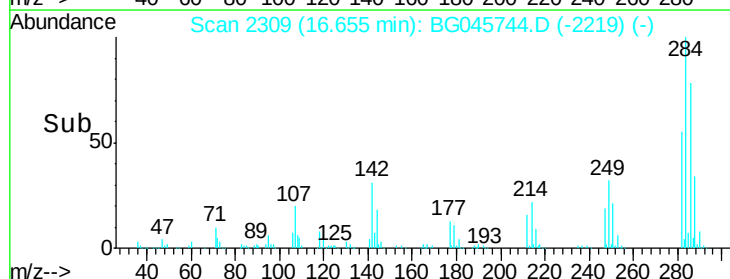
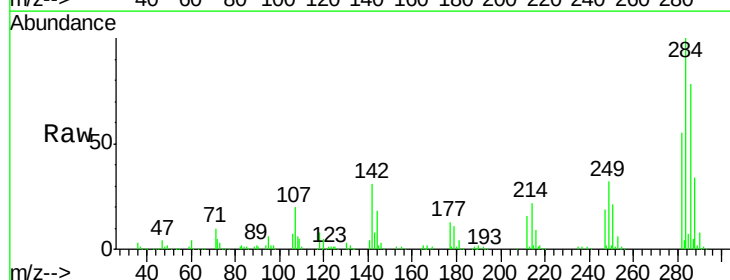
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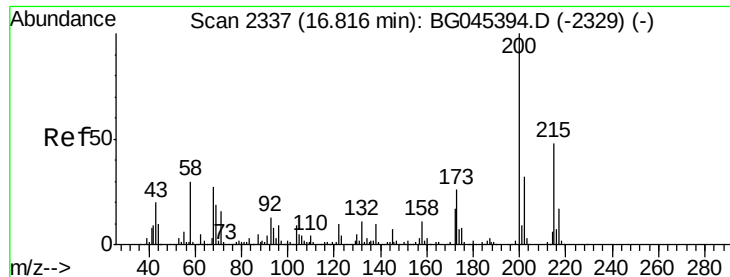
mohammad
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#68
 Hexachlorobenzene
 Concen: 56.609 ng
 RT: 16.66 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	23.0	34.6
249	32.1	25.8	38.6





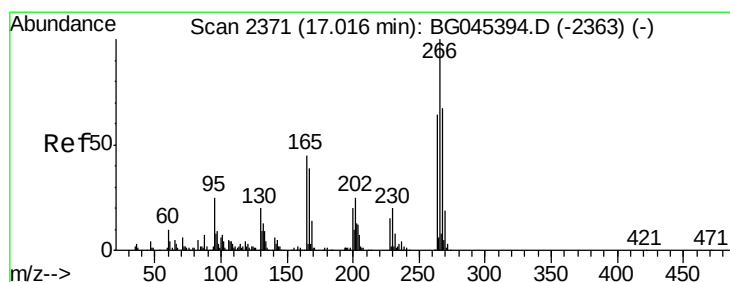
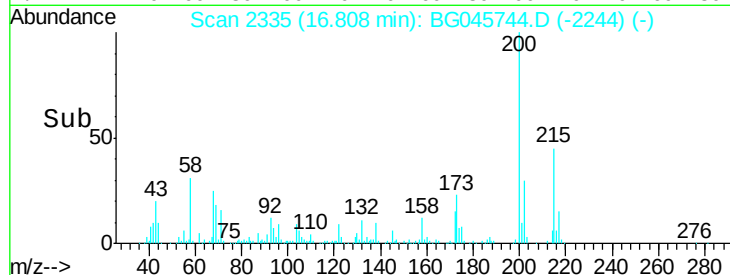
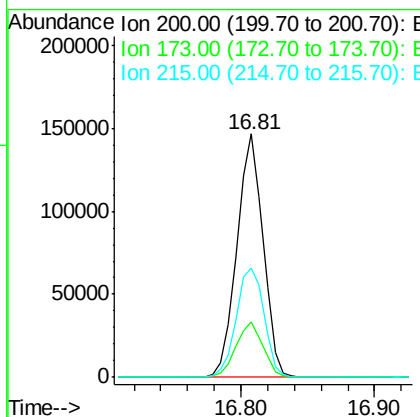
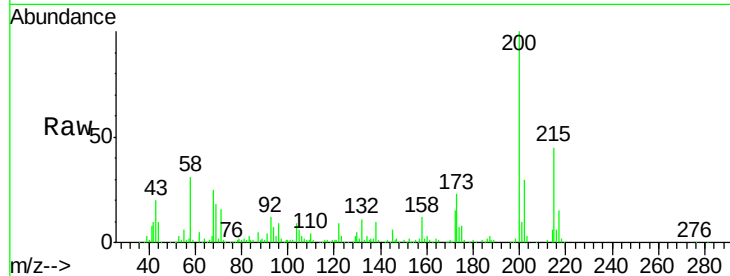
#69
Atrazine
Concen: 52.831 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.6	5.5	45.5
215	45.1	28.2	68.2

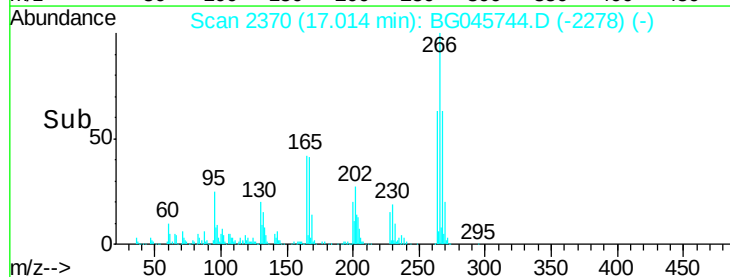
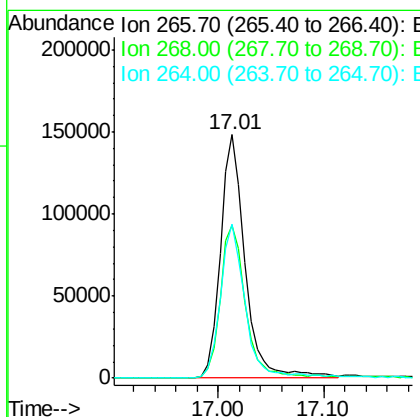
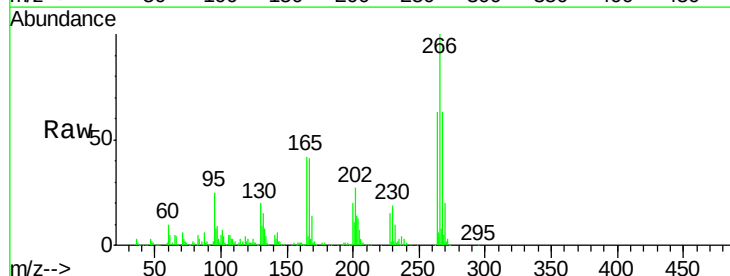
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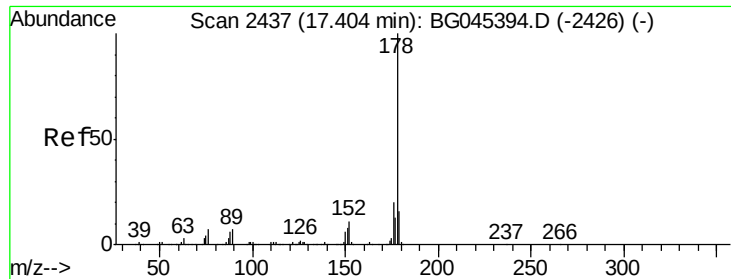
mohammad
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#70
Pentachlorophenol
Concen: 106.715 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	53.2	79.8
264	63.1	51.0	76.4





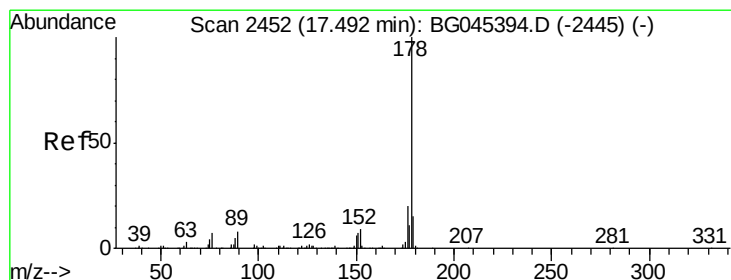
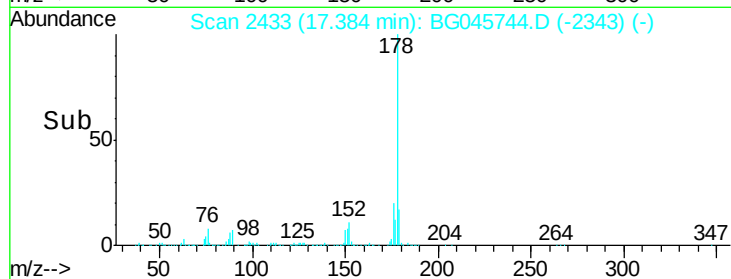
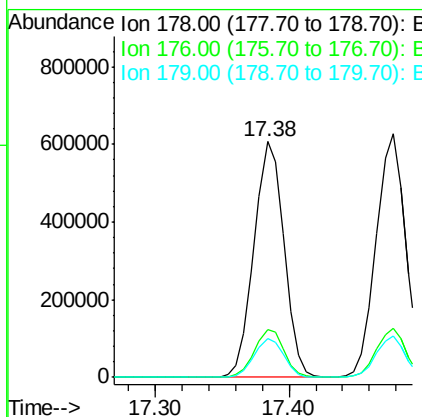
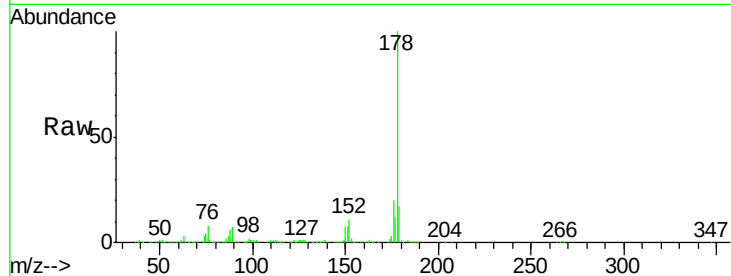
#71
 Phenanthrene
 Concen: 56.372 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion:178	Resp:	942561
Ion Ratio	Lower	Upper
178 100		
176 20.2	16.2	24.4
179 16.7	13.1	19.7

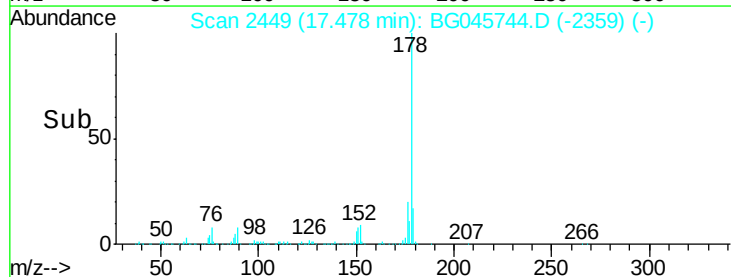
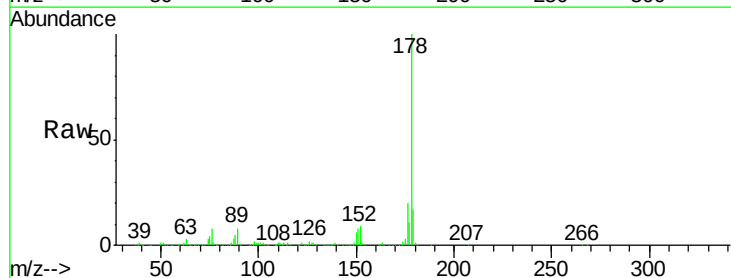
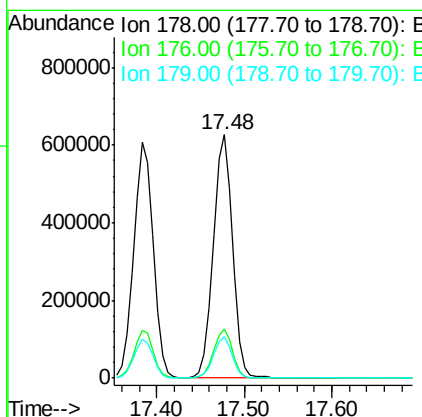
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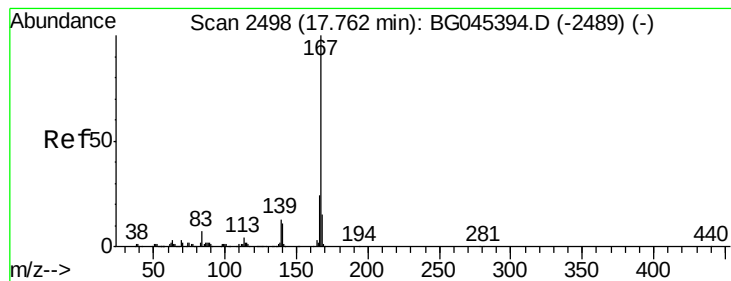
mohammad
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#72
 Anthracene
 Concen: 57.162 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion:178	Resp:	959807
Ion Ratio	Lower	Upper
178 100		
176 20.0	15.8	23.6
179 17.0	12.2	18.4





#73

Carbazole

Concen: 53.525 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

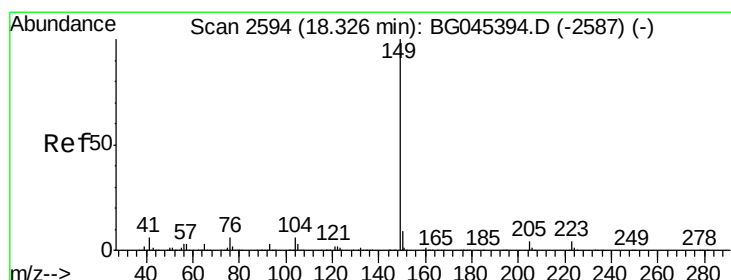
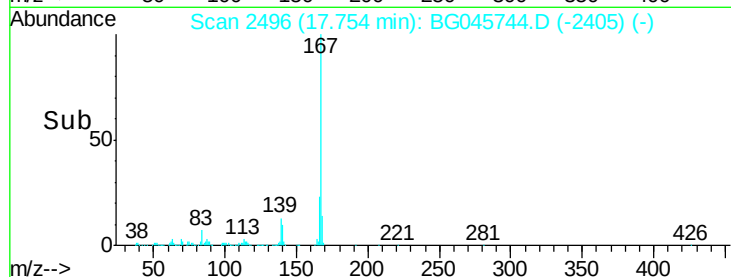
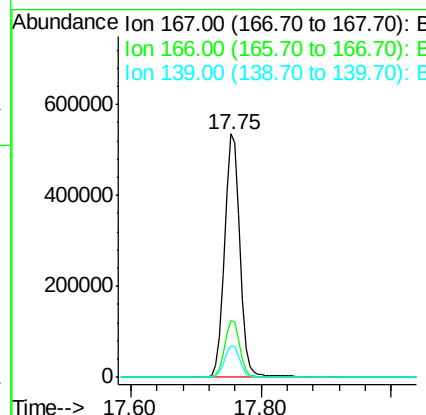
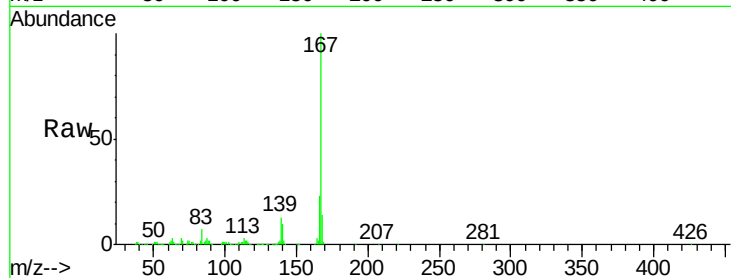
ClientSampleId :

PB129511BS

Tot Ion:	167	Resp:	876064
Ion Ratio	Lower	Upper	
167	100		
166	23.5	19.2	28.8
139	12.6	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 53.627 ng

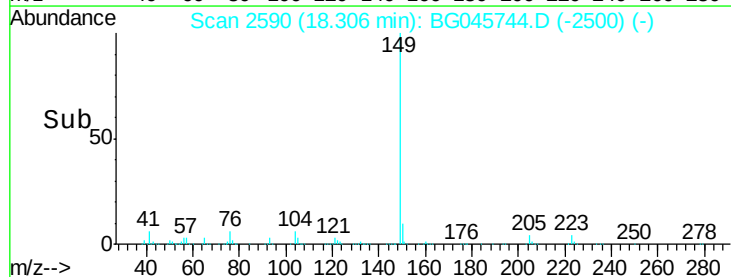
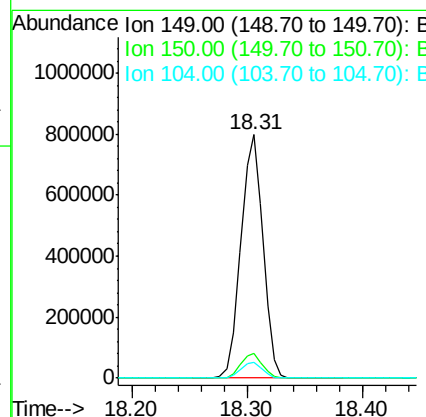
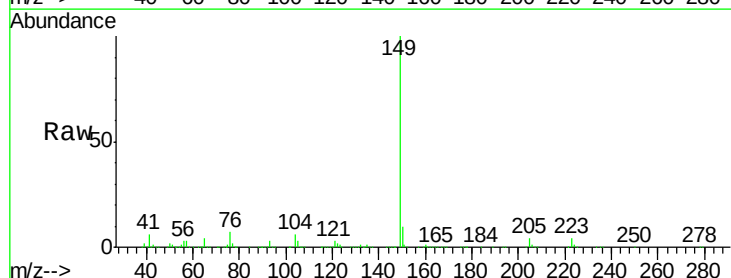
RT: 18.31 min Scan# 2590

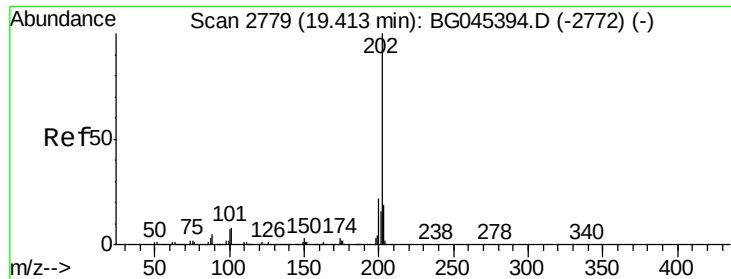
Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion:	149	Resp:	1053506
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 53.989 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

ClientSampleId :

PB129511BS

Tot Ion:202 Resp: 1148198

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.3

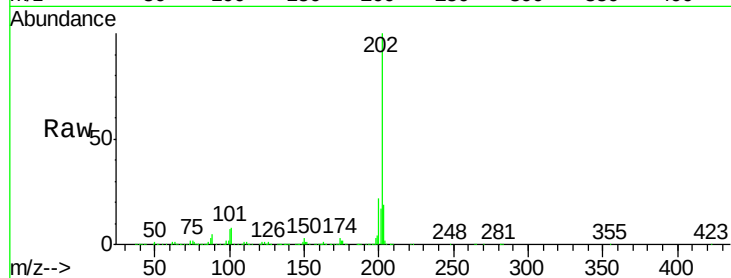
203 18.7 0.0 39.0

Manual Integrations

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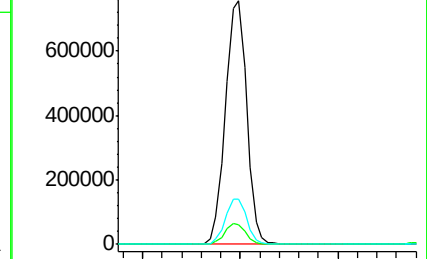
6/15/2020 8:45:14 AM



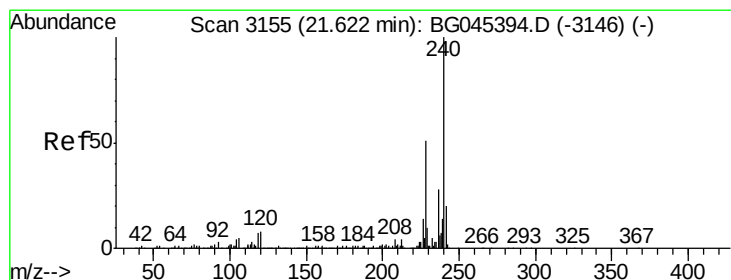
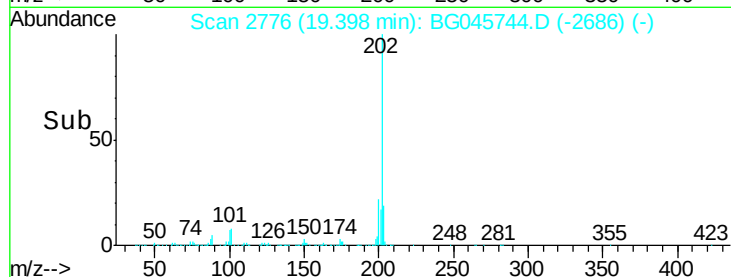
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

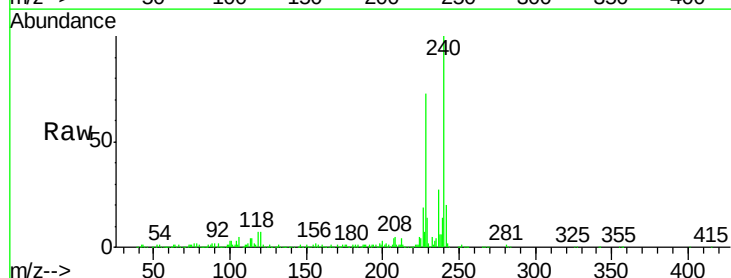
Tgt Ion:240 Resp: 340753

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

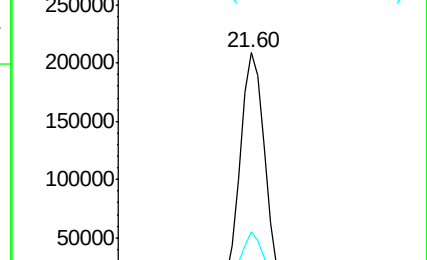
236 26.6 22.3 33.5



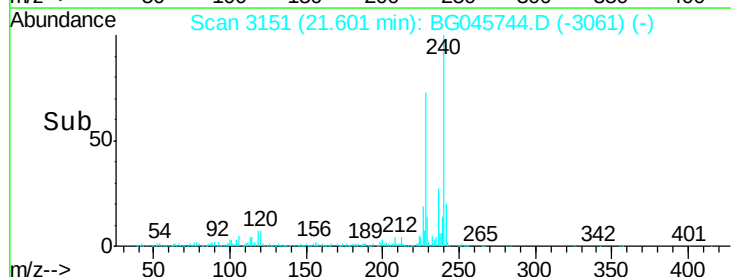
Abundance Ion 240.00 (239.70 to 240.70): E

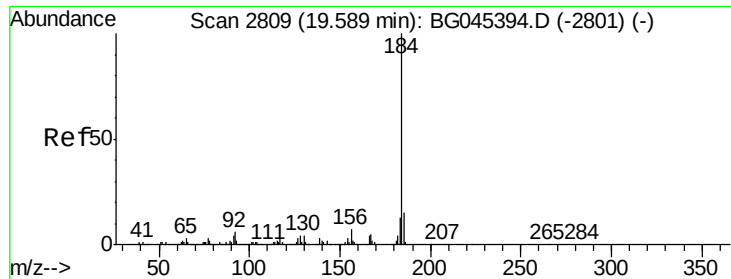
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70





#77

Benzidine

Concen: 67.794 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

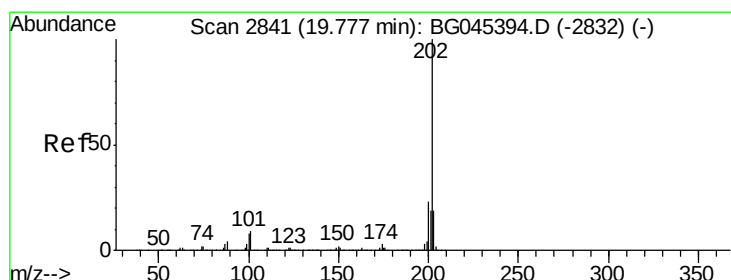
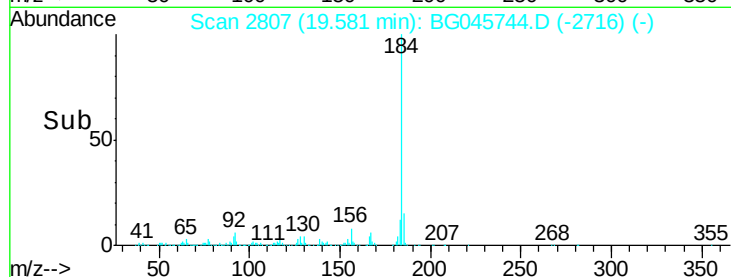
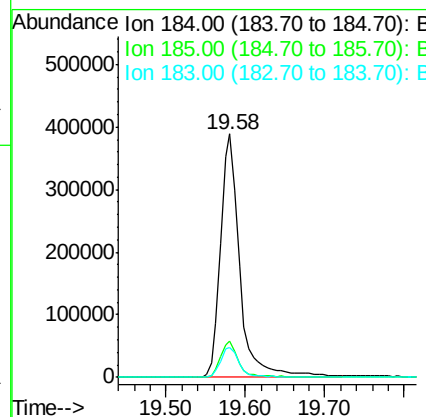
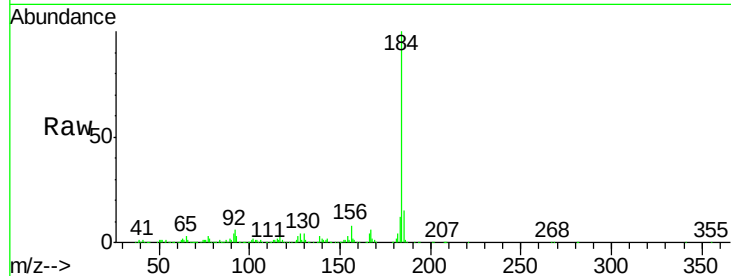
ClientSampleId :

PB129511BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.7	17.5
183	12.4	10.2	15.4

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#78

Pyrene

Concen: 57.314 ng

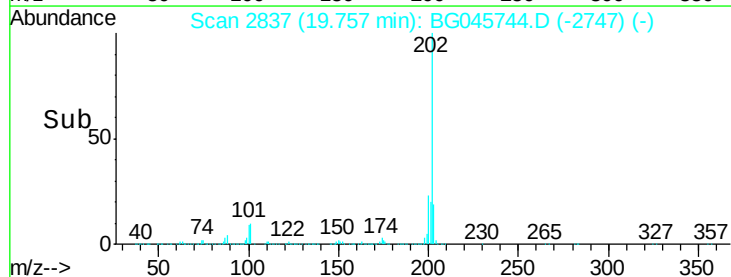
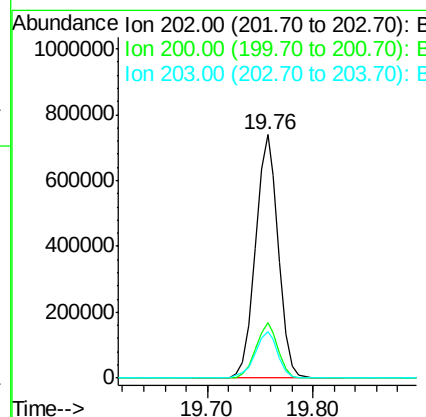
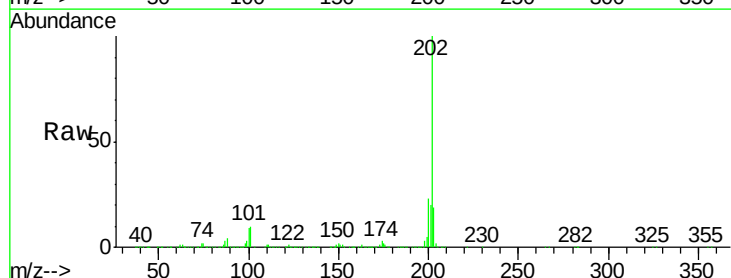
RT: 19.76 min Scan# 2837

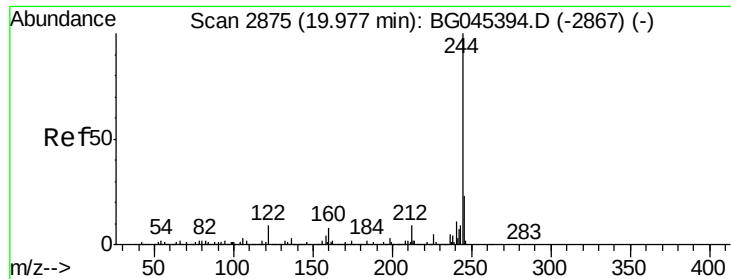
Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.2
203	19.1	15.1	22.7





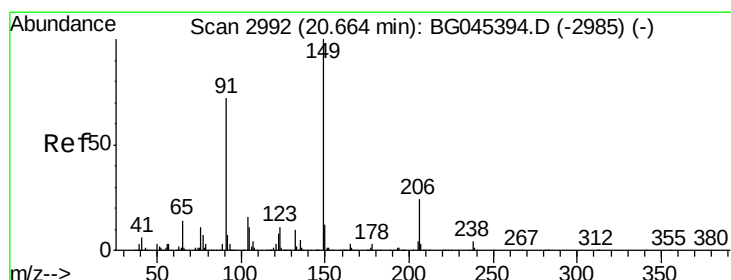
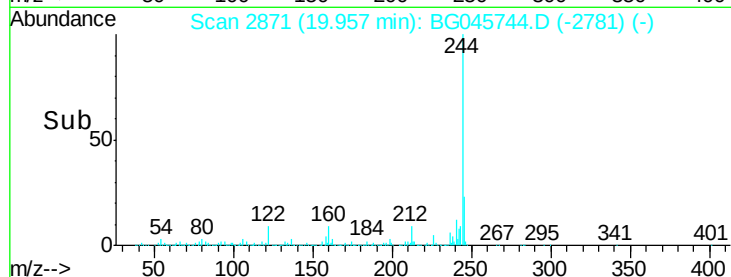
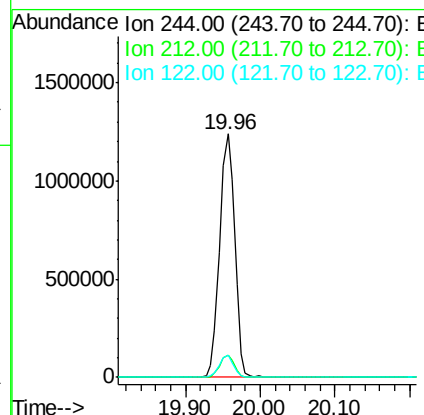
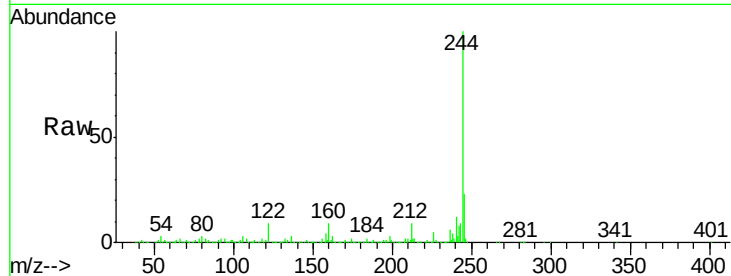
#79
 Terphenyl-d14
 Concen: 119.183 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129511BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	9.0	6.8	10.2

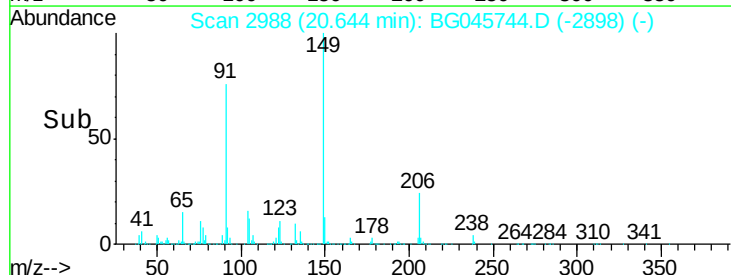
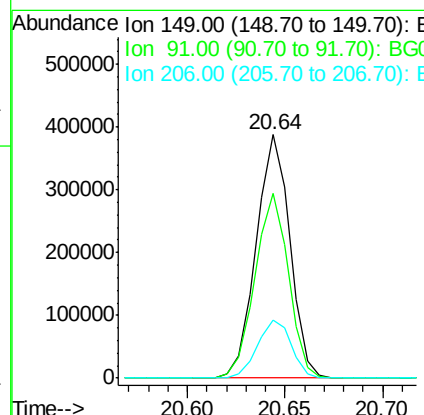
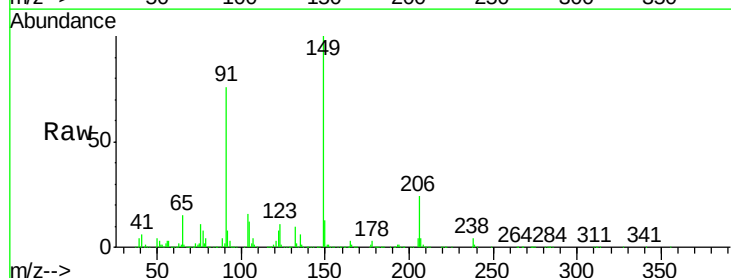
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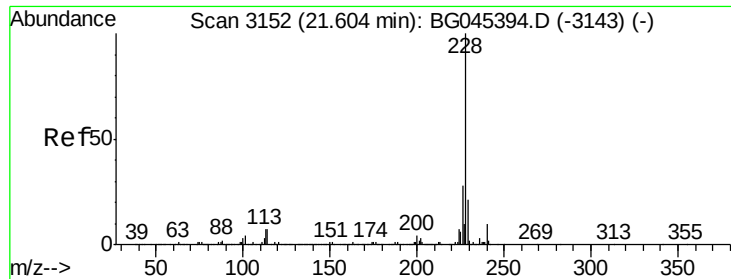
mohammad
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#80
 Butylbenzylphthalate
 Concen: 55.336 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG045744.D
 Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.1	57.8	86.6
206	23.8	19.1	28.7





#81

Benzo(a)anthracene

Concen: 56.709 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

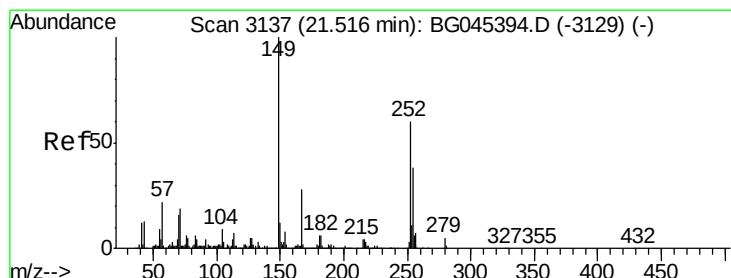
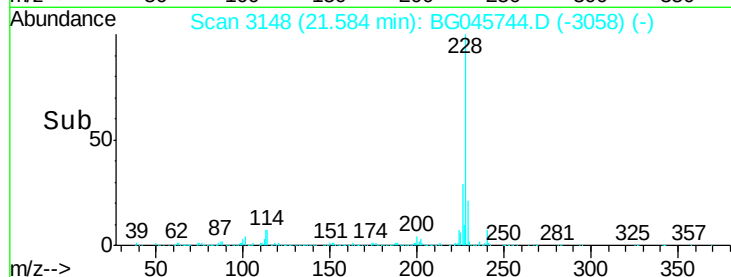
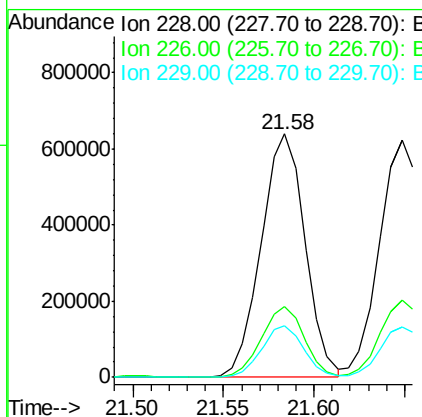
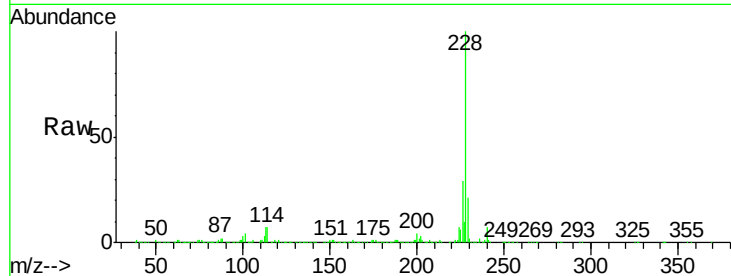
ClientSampleId :

PB129511BS

Tot Ion:	228	Resp:	1076457
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	21.3	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 51.518 ng

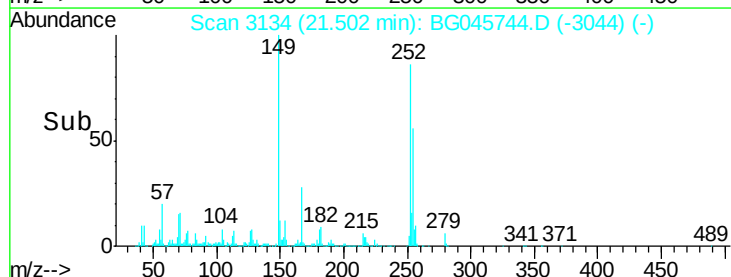
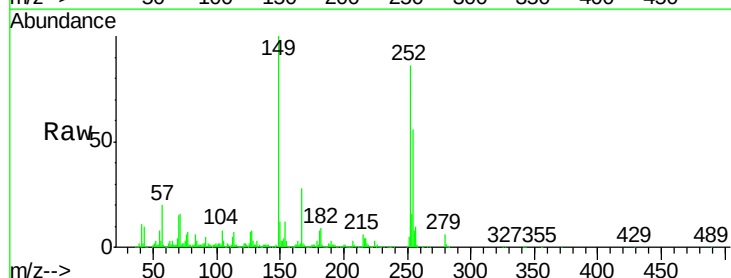
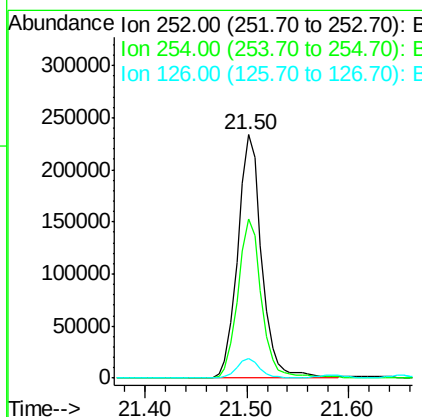
RT: 21.50 min Scan# 3134

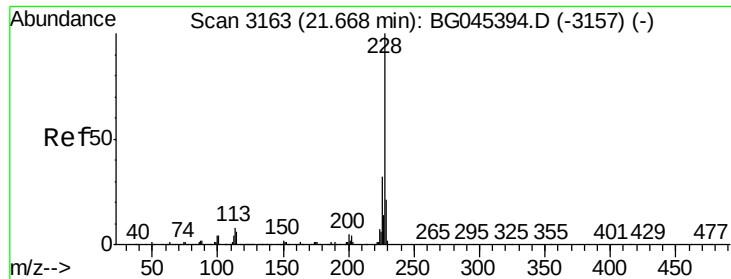
Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Tgt Ion:	252	Resp:	383606
Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	7.8	6.6	10.0





#83

Chrysene

Concen: 57.425 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

ClientSampleId :

PB129511BS

Tot Ion:228 Resp: 1048131

Ion Ratio Lower Upper

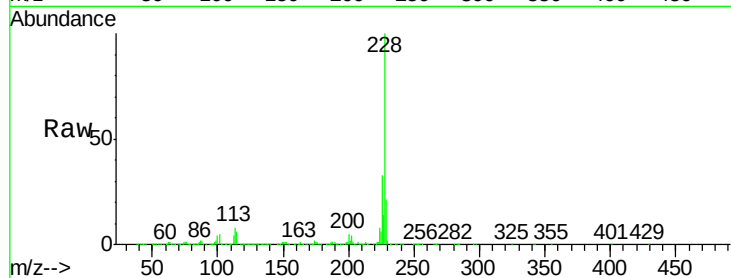
228 100

226 32.7 25.2 37.8

229 21.3 16.7 25.1

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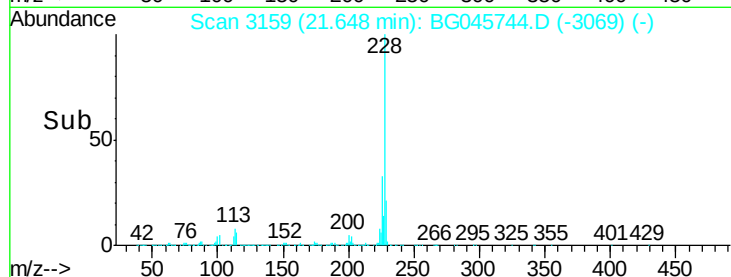
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

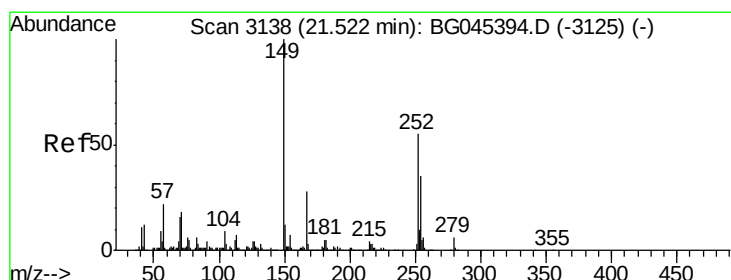
Ion 229.00 (228.70 to 229.70): E

21.65

21.60 21.70 21.80



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.513 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

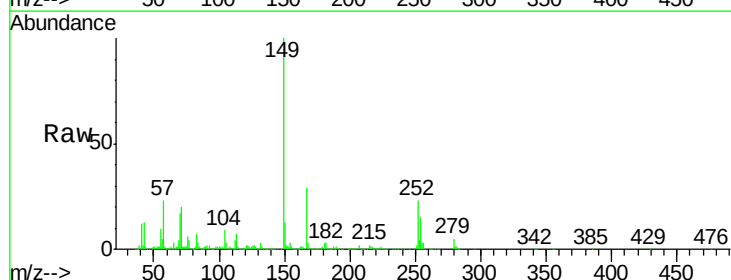
Tgt Ion:149 Resp: 651324

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

279 5.4 4.7 7.1



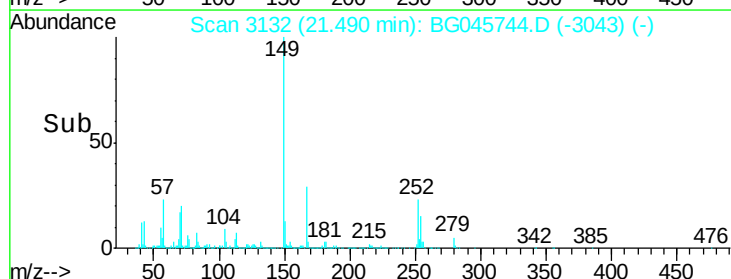
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

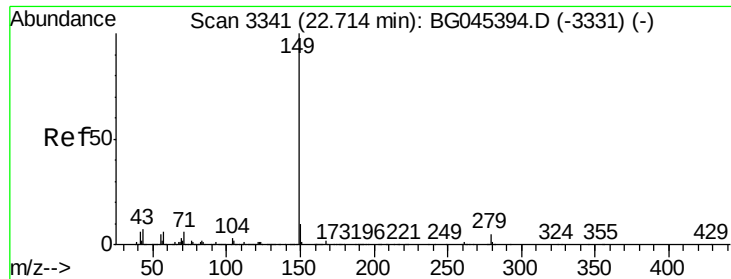
Ion 279.00 (278.70 to 279.70): E

21.49

21.40 21.45 21.50 21.55



Time-->



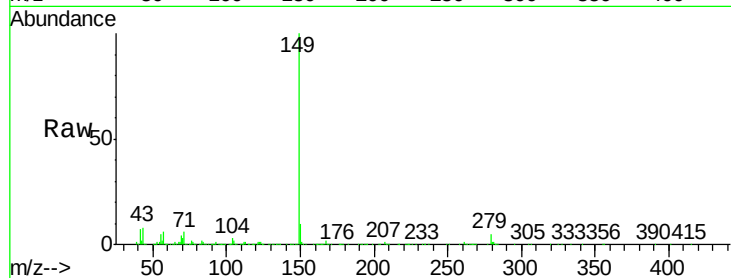
#85
Di-n-octyl phthalate
Concen: 55.073 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

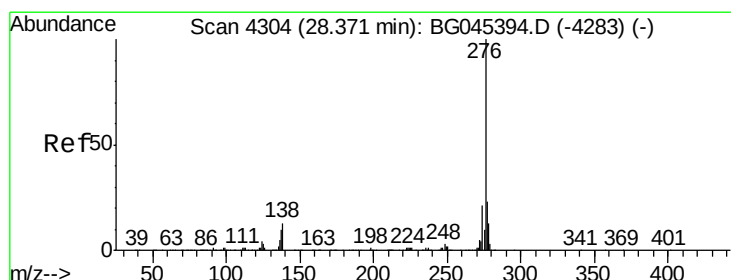
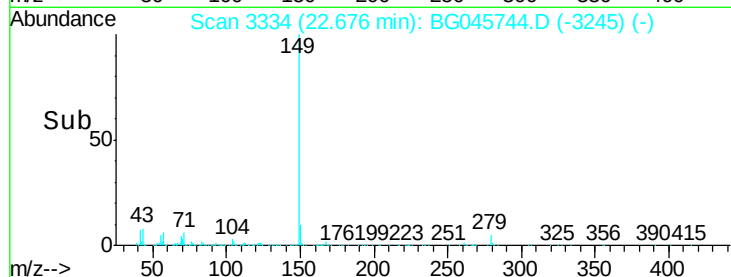
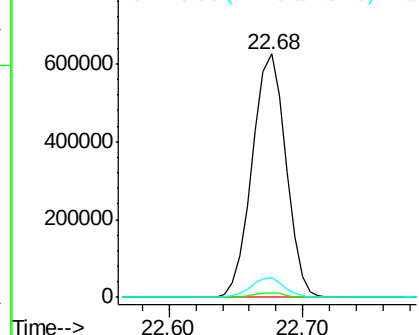
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.8	5.8	8.8

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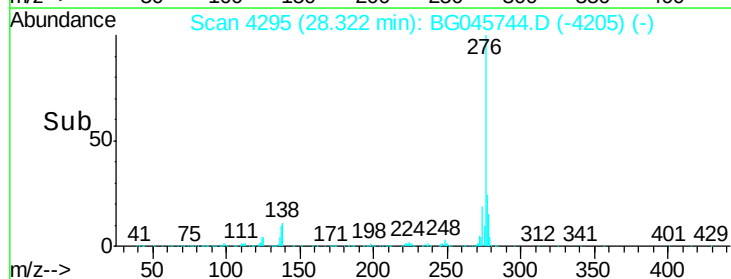
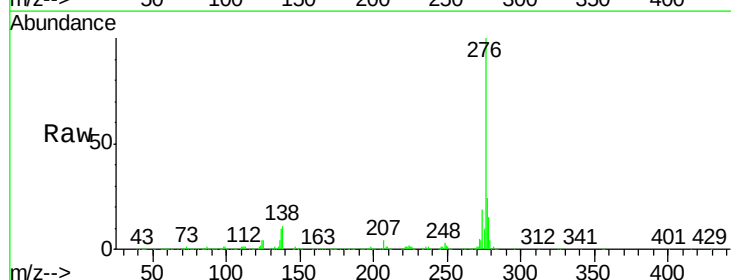
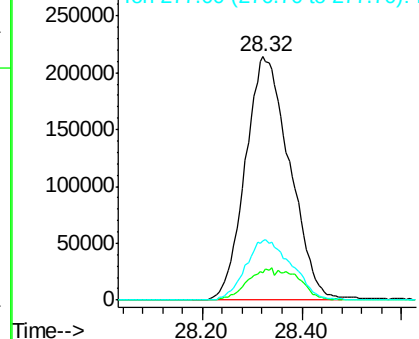
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

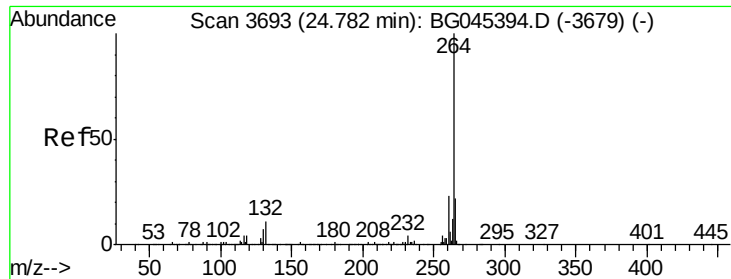


#86
Indeno(1,2,3-cd)pyrene
Concen: 55.384 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	8.6	12.8#
277	25.8	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





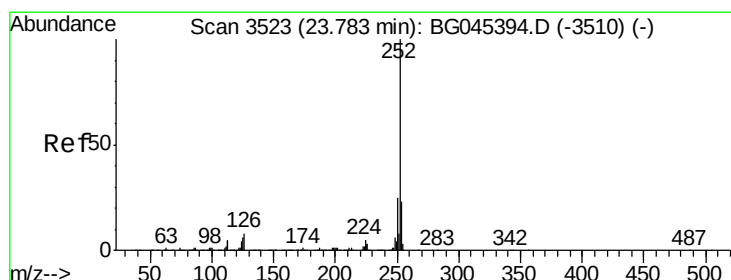
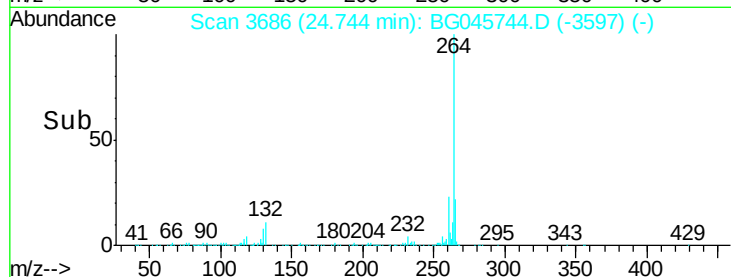
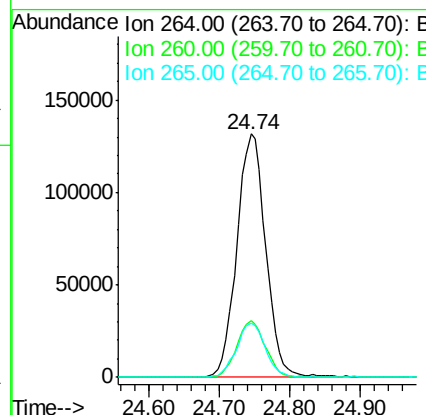
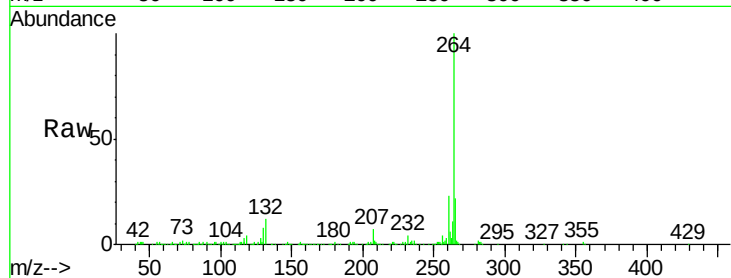
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.2	17.6	26.4

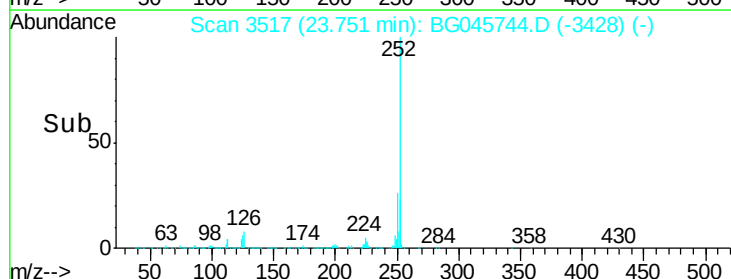
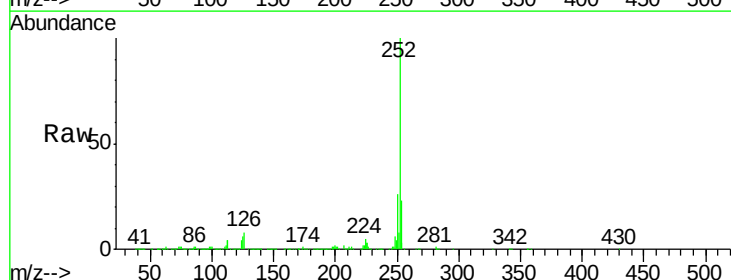
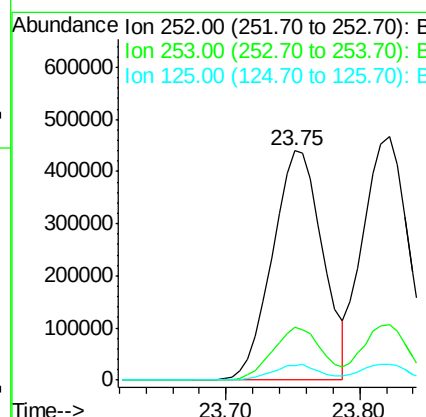
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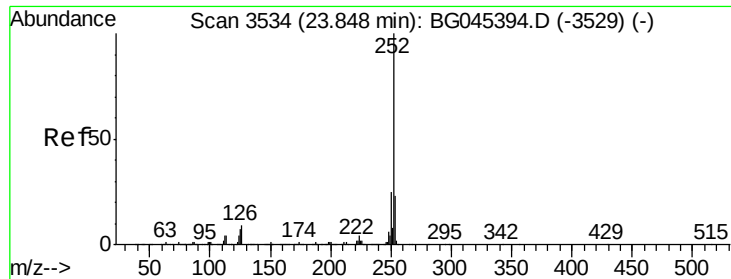
mohammad
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#88
Benzo(b)fluoranthene
Concen: 57.402 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.5	5.0	7.6





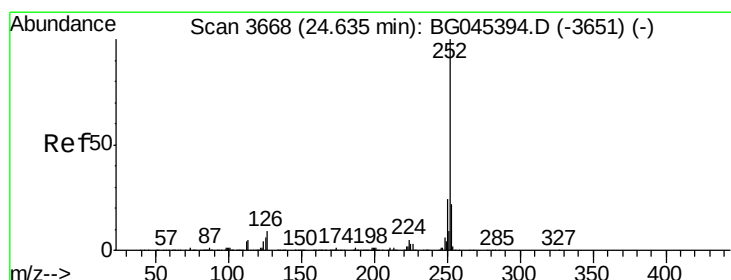
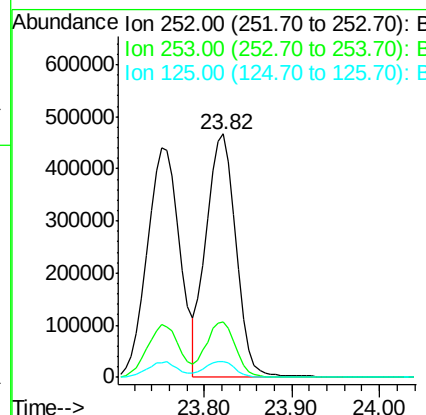
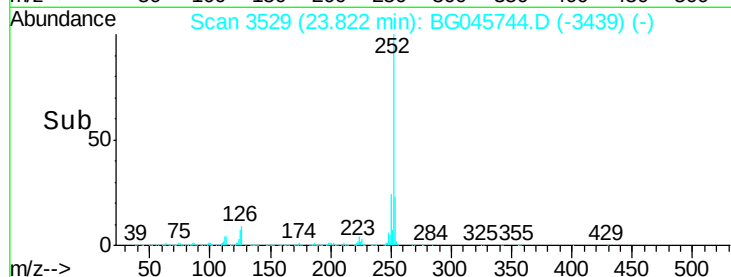
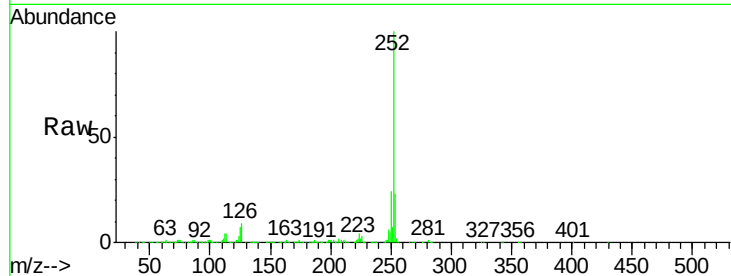
#89
Benzo(k)fluoranthene
Concen: 58.705 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	6.5	5.7	8.5

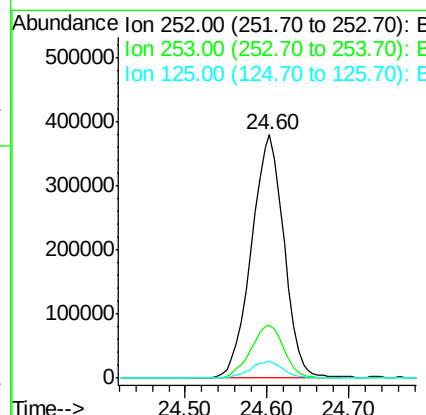
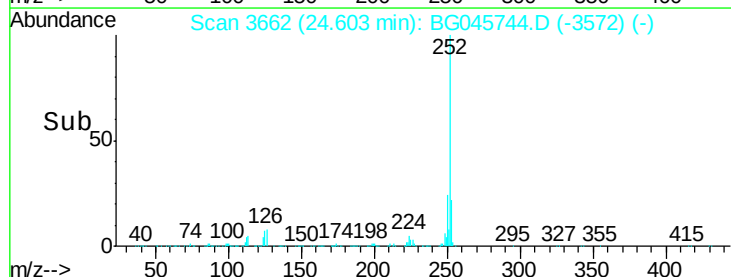
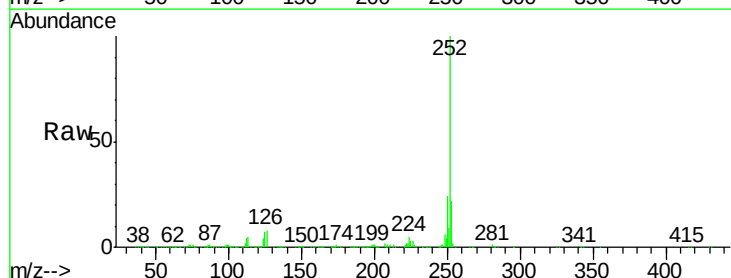
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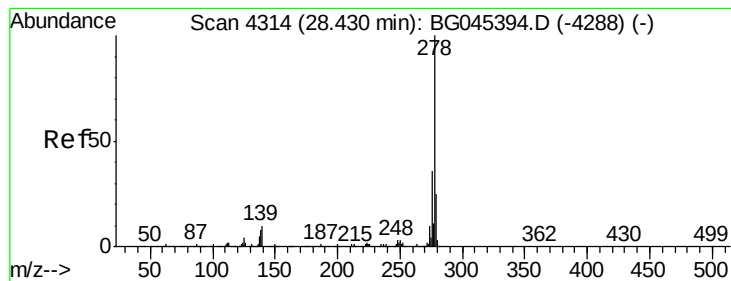
mohammad
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#90
Benzo(a)pyrene
Concen: 56.201 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045744.D
Acq: 12 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	6.8	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 57.732 ng

RT: 28.39 min Scan# 4306

Delta R.T. -0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

Instrument :

BNA_G

ClientSampleId :

PB129511BS

Tot Ion:278 Resp: 1085213

Ion Ratio Lower Upper

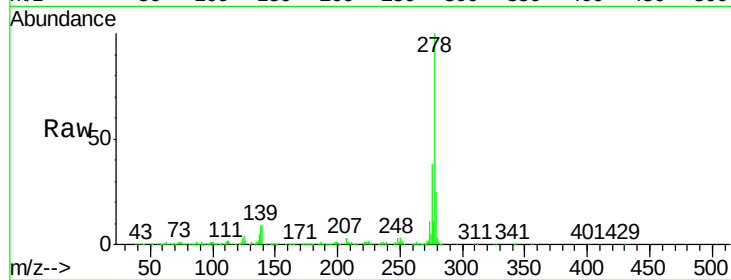
278 100

139 9.1 7.8 11.8

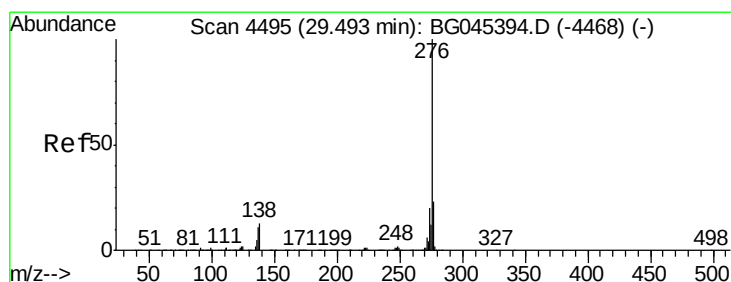
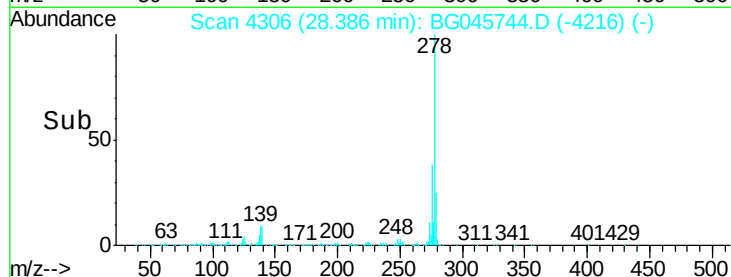
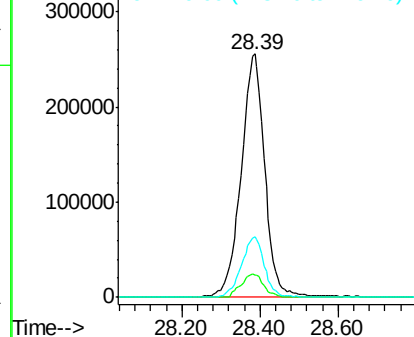
279 24.7 19.8 29.8

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



#92

Benzo(g,h,i)perylene

Concen: 57.335 ng

RT: 29.44 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG045744.D

Acq: 12 Jun 2020 17:22

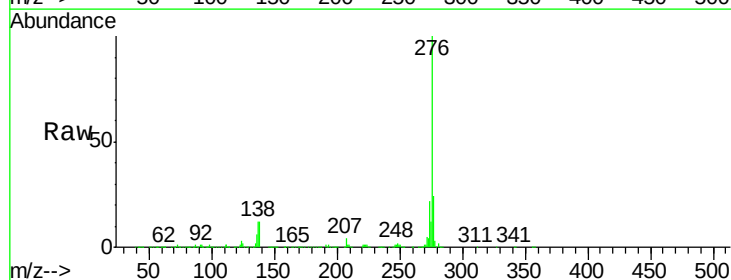
Tgt Ion:276 Resp: 1077888

Ion Ratio Lower Upper

276 100

277 24.1 18.1 27.1

138 11.6 10.2 15.4



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

