

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044650.D
 Acq On : 3 Mar 2020 3:42
 Operator : CG/JU
 Sample : PB127195BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Manual Integrations
 APPROVED

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 3/3/2020 12:28:35 PM

Quant Time: Mar 03 09:34:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	58195m	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	262829	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	186105	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	412040	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	376162	20.00	ng	-0.07
87) Perylene-d12	24.45	264	429856	20.00	ng	-0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	243460	67.12	ng	-0.07
7) Phenol-d6	6.98	99	221599	44.63	ng	-0.07
23) Nitrobenzene-d5	8.96	82	437638	85.78	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	233698	88.56	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	1044006	80.33	ng	-0.06
79) Terphenyl-d14	19.82	244	1715883	86.35	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	26147	16.520	ng	94
4) n-Nitrosodimethylamine	3.55	42	35209	20.991	ng	90
6) Aniline	7.13	93	5781m	0.956	ng	
8) 2-Chlorophenol	7.37	128	209351	52.875	ng	99
9) Benzaldehyde	6.94	77	80834	27.689	ng	100
10) Phenol	7.01	94	123880	25.748	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	199823	49.404	ng	97
12) 1,3-Dichlorobenzene	7.70	146	190510	40.342	ng	100
13) 1,4-Dichlorobenzene	7.84	146	192719	40.607	ng	99
14) 1,2-Dichlorobenzene	8.16	146	185901	41.190	ng	98
15) Benzyl Alcohol	8.04	79	113444	33.881	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	257555	47.382	ng	99
17) 2-Methylphenol	8.26	107	164053	47.730	ng	97
18) Hexachloroethane	8.89	117	65585	37.813	ng	98
19) n-Nitroso-di-n-propylamine	8.62	70	164255	51.470	ng	99
20) 3+4-Methylphenols	8.59	107	208445	44.296	ng	100
22) Acetophenone	8.62	105	307851	46.653	ng	# 98
24) Nitrobenzene	9.01	77	227657	46.060	ng	99
25) Isophorone	9.53	82	462689	48.481	ng	99
26) 2-Nitrophenol	9.72	139	128569	47.965	ng	95
27) 2,4-Dimethylphenol	9.79	122	208540	55.409	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	283734	44.956	ng	99
29) 2,4-Dichlorophenol	10.26	162	220191	48.935	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	204476	39.293	ng	98
31) Naphthalene	10.66	128	621628	43.344	ng	99
32) Benzoic acid	9.95	122	26346	29.107	ng	98
33) 4-Chloroaniline	10.77	127	20664	3.271	ng	97
34) Hexachlorobutadiene	10.95	225	114649	35.082	ng	98
35) Caprolactam	11.60	113	12088m	7.504	ng	
36) 4-Chloro-3-methylphenol	11.90	107	233944	50.509	ng	97
37) 2-Methylnaphthalene	12.27	142	490092	46.238	ng	97
38) 1-Methylnaphthalene	12.49	142	467092	46.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	255978	40.857	ng	99
41) Hexachlorocyclopentadiene	12.63	237	241282	80.714	ng	99

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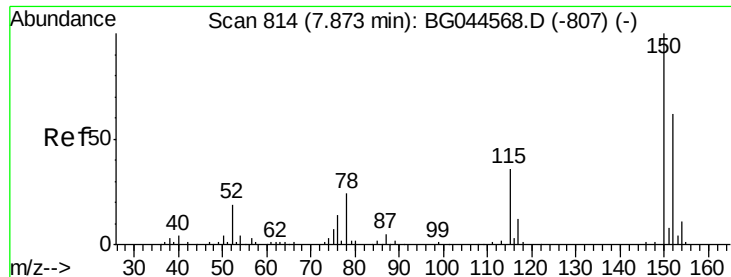
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.89	196	186152	45.759	nq	99
44) 2,4,5-Trichlorophenol	12.97	196	200531	47.986	nq	98
46) 1,1'-Biphenyl	13.29	154	642563	41.722	nq	98
47) 2-Chloronaphthalene	13.33	162	500484	41.442	nq	99
48) 2-Nitroaniline	13.53	65	149471	44.586	nq	94
49) Acenaphthylene	14.18	152	800581	44.908	nq	99
50) Dimethylphthalate	13.92	163	678388	45.162	nq	99
51) 2,6-Dinitrotoluene	14.03	165	154457	46.624	nq	94
52) Acenaphthene	14.52	154	501410	44.124	nq	99
53) 3-Nitroaniline	14.36	138	51106	14.304	nq	99
54) 2,4-Dinitrophenol	14.58	184	180240	89.991	nq	97
55) Dibenzofuran	14.86	168	795507	45.663	nq	99
56) 4-Nitrophenol	14.69	139	143766	58.498	nq	97
57) 2,4-Dinitrotoluene	14.83	165	220752	47.396	nq	99
58) Fluorene	15.51	166	631542	45.721	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	186680	48.510	nq	99
60) Diethylphthalate	15.29	149	676965	45.485	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	339546	45.210	nq	99
62) 4-Nitroaniline	15.53	138	135977	38.009	nq	93
63) Azobenzene	15.80	77	598044	47.215	nq	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	140435	55.044	nq	99
66) n-Nitrosodiphenylamine	15.72	169	589648	45.877	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	232503	45.459	nq	98
68) Hexachlorobenzene	16.52	284	256985	44.441	nq	96
69) Atrazine	16.67	200	222009	46.724	nq	98
70) Pentachlorophenol	16.86	266	261221	91.198	nq	97
71) Phenanthrene	17.24	178	1047087	45.901	nq	98
72) Anthracene	17.34	178	1070178	47.604	nq	98
73) Carbazole	17.61	167	952028	46.525	nq	99
74) Di-n-butylphthalate	18.17	149	1158297	45.172	nq	98
75) Fluoranthene	19.26	202	1253675	46.424	nq	99
78) Pyrene	19.62	202	1265852	46.358	nq	98
80) Butylbenzylphthalate	20.52	149	531128	44.468	nq	99
81) Benzo(a)anthracene	21.42	228	1215771	45.986	nq	98
82) 3,3'-Dichlorobenzidine	21.34	252	237731	22.761	nq	99
83) Chrysene	21.48	228	1176095	46.010	nq	98
84) Bis(2-ethylhexyl)phthalate	21.34	149	754333	45.835	nq	99
85) Di-n-octyl phthalate	22.48	149	1321146	45.627	nq	98
86) Indeno(1,2,3-cd)pyrene	27.87	276	1527235	46.555	nq	99
88) Benzo(b)fluoranthene	23.51	252	1313727	46.483	nq	99
89) Benzo(k)fluoranthene	23.57	252	1271536	46.368	nq	100
90) Benzo(a)pyrene	24.31	252	1193209	44.935	nq	99
91) Dibenzo(a,h)anthracene	27.92	278	1261967	48.054	nq	99
92) Benzo(g,h,i)perylene	28.93	276	1286370	48.890	nq	98

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



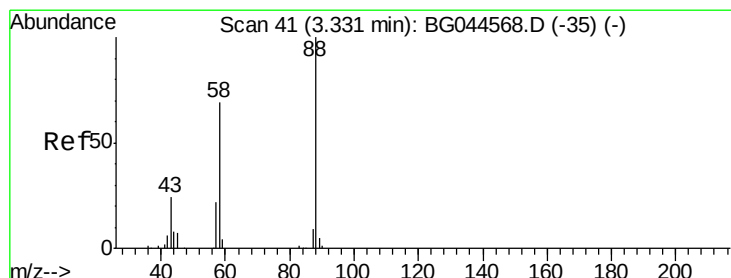
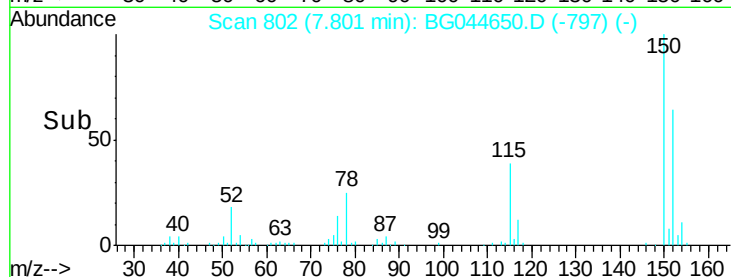
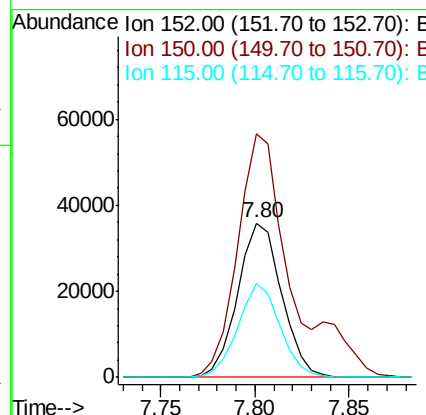
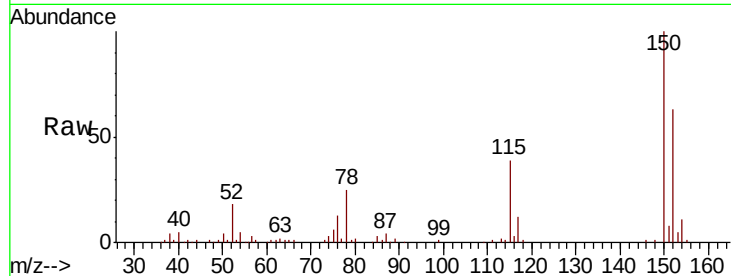
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleID :
 PB127195BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.9	193.3
115	60.8	47.0	70.4

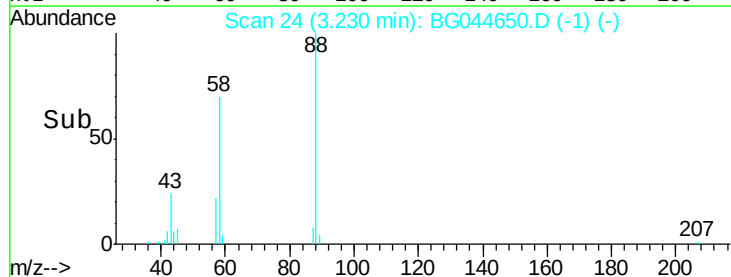
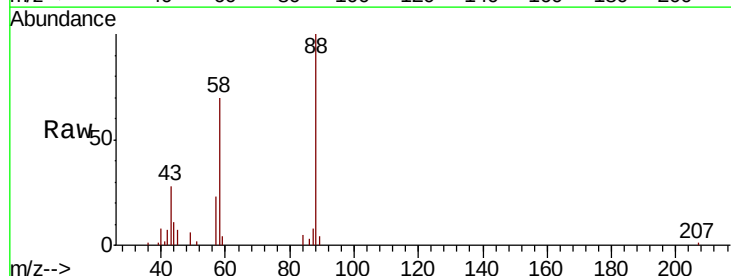
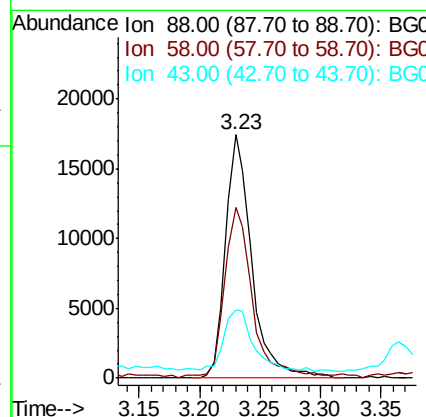
Manual Integrations
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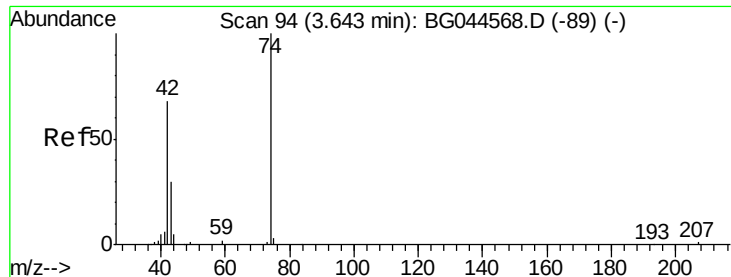
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#2
 1,4-Dioxane
 Concen: 16.520 ng/ml
 RT: 3.23 min Scan# 24
 Delta R.T. -0.10 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	55.8	83.8
43	27.2	20.6	31.0





#4

n-Nitrosodimethylamine

Concen: 20.991 ng

RT: 3.55 min Scan# 78

Delta R.T. -0.10 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

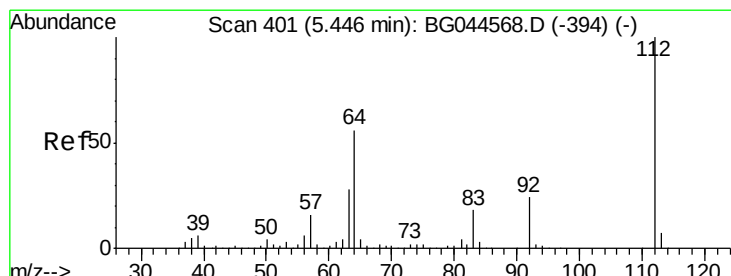
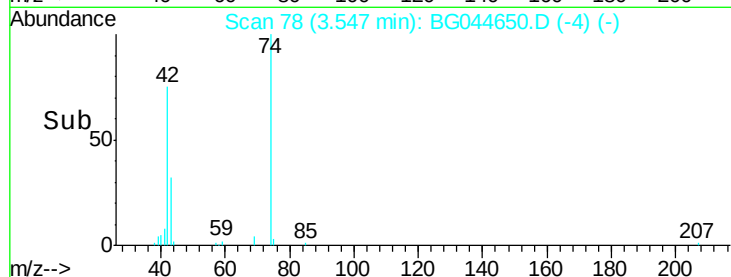
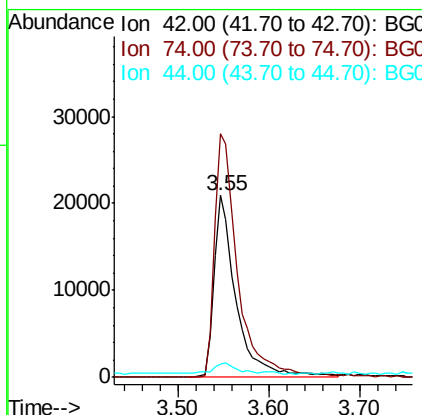
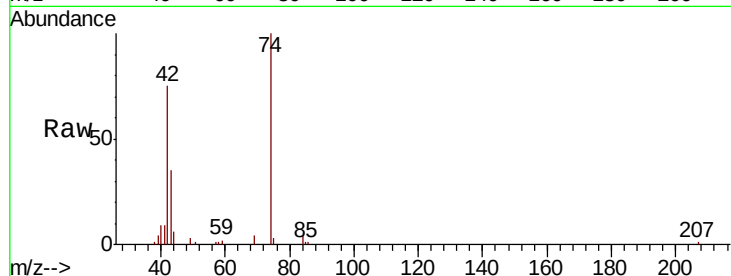
ClientSampleId :

PB127195BS

Tot Ion:	42	Resp:	35209
Ion	Ratio	Lower	Upper
42	100		
74	134.1	117.6	176.4
44	7.6	6.3	9.5

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#5

2-Fluorophenol

Concen: 67.123 ng

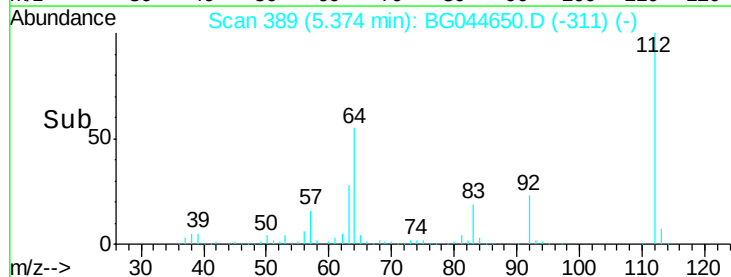
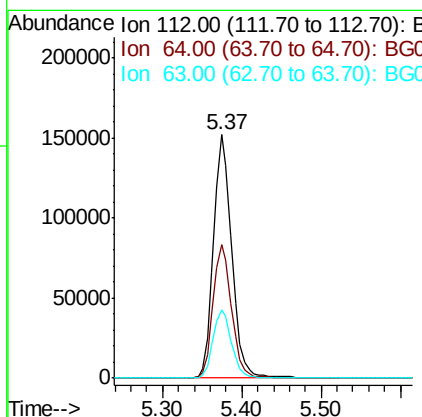
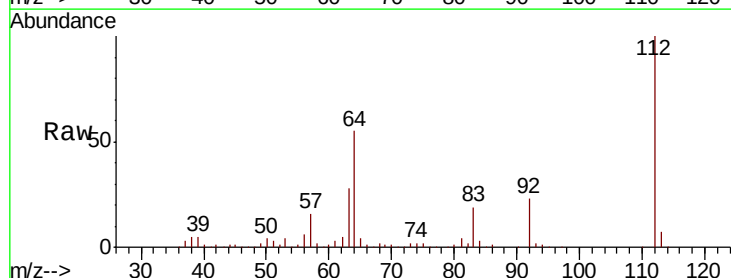
RT: 5.37 min Scan# 389

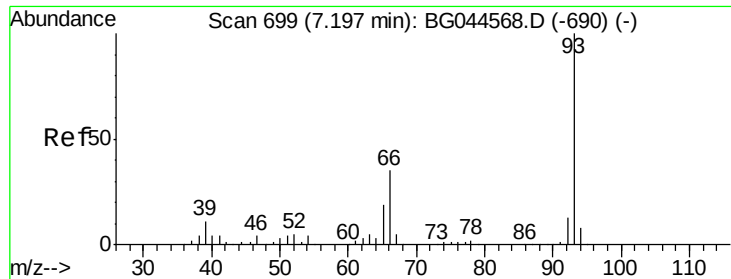
Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Tgt Ion:	112	Resp:	243460
Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.8	67.2
63	28.2	22.3	33.5





#6

Aniline

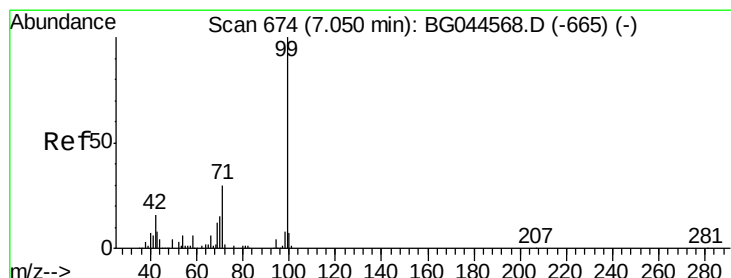
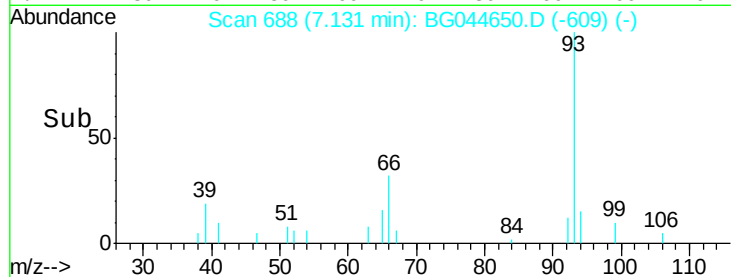
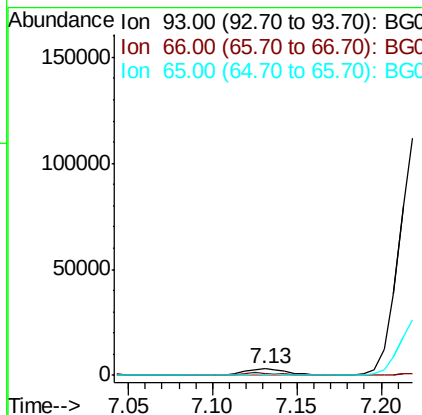
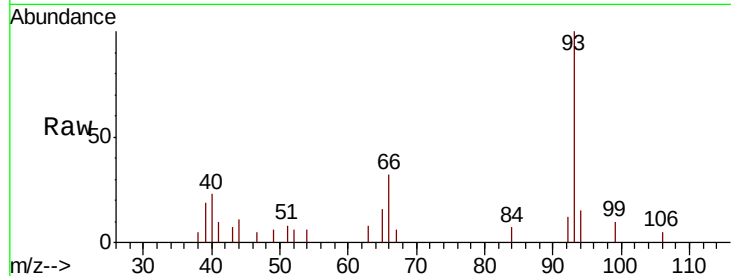
Concen: 0.956 ng/mL
 RT: 7.13 min Scan# 688
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tot Ion:	93	Resp:	5781
Ion	Ratio	Lower	Upper
93	100		
66	31.6	27.8	41.8
65	15.9	14.9	22.3

Manual Integrations
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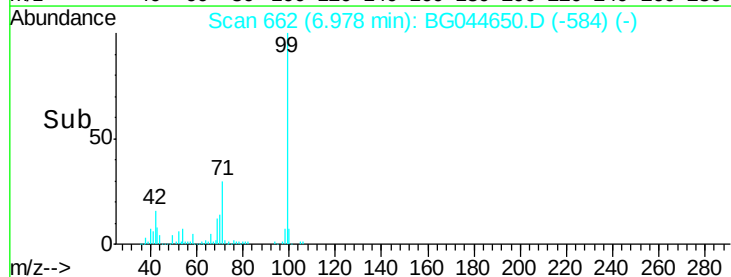
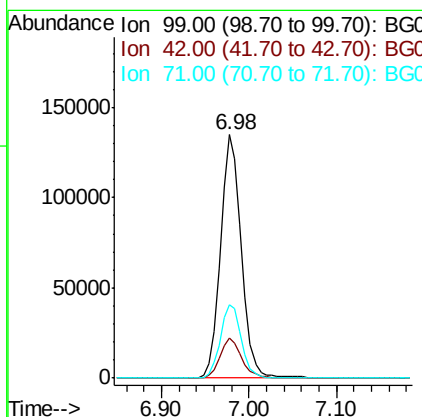
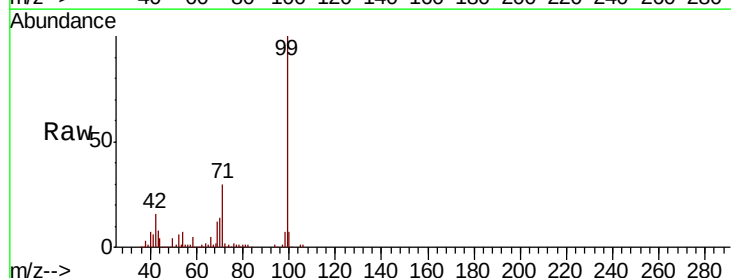


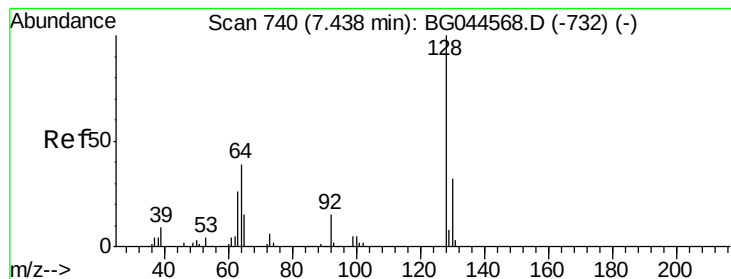
#7

Phenol-d6

Concen: 44.634 ng/mL
 RT: 6.98 min Scan# 662
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion:	99	Resp:	221599
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.8	19.2
71	30.2	24.4	36.6





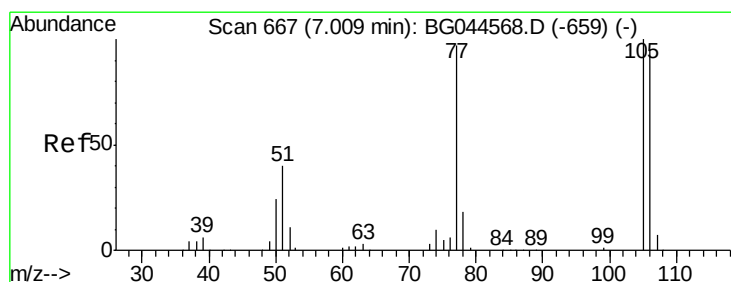
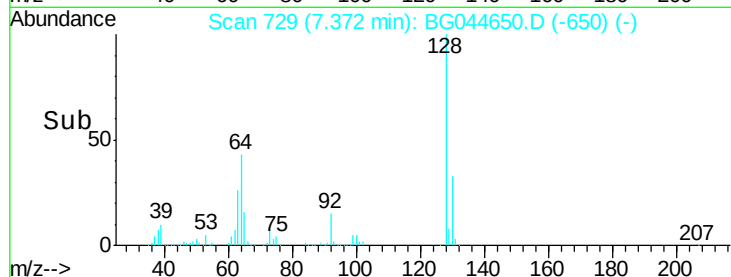
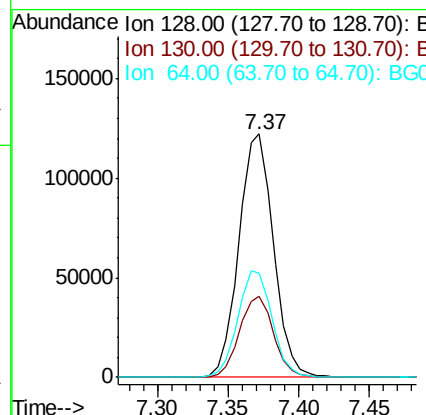
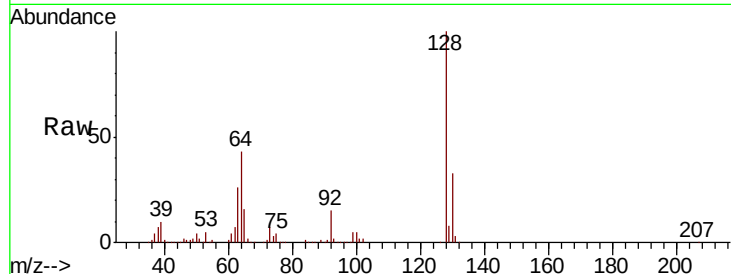
#8
2-Chlorophenol
Concen: 52.875 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion:	128	Resp:	209351
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.3	52.3
64	42.7	22.5	62.5

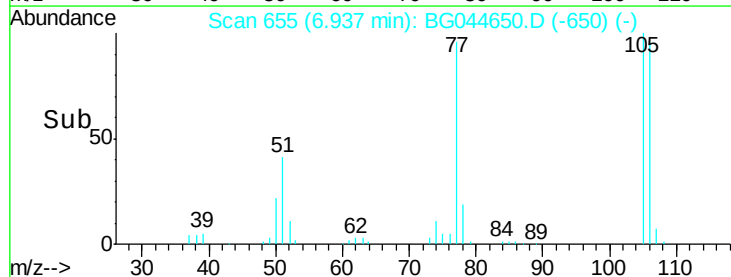
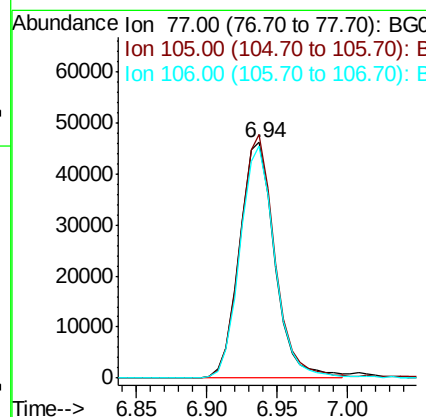
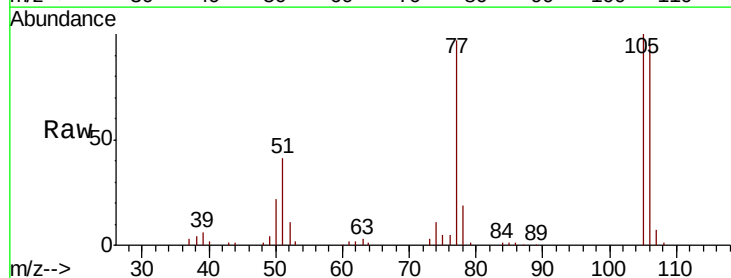
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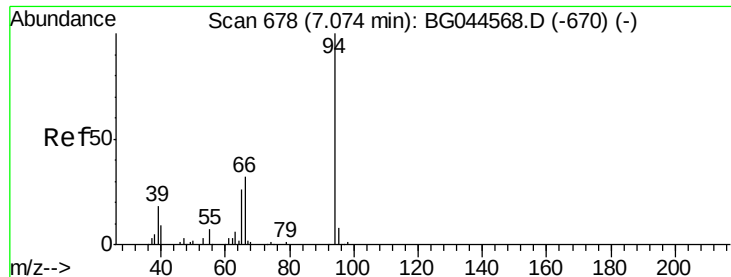
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#9
Benzaldehyde
Concen: 27.689 ng
RT: 6.94 min Scan# 655
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:	77	Resp:	80834
Ion Ratio	Lower	Upper	
77	100		
105	103.4	83.6	123.6
106	98.3	78.2	118.2





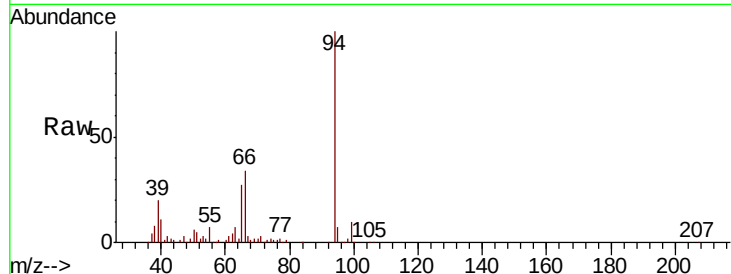
#10
Phenol
Concen: 25.748 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

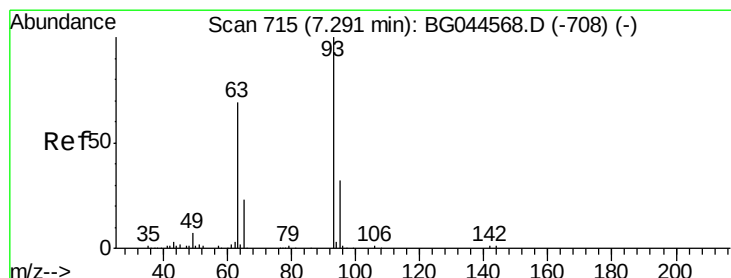
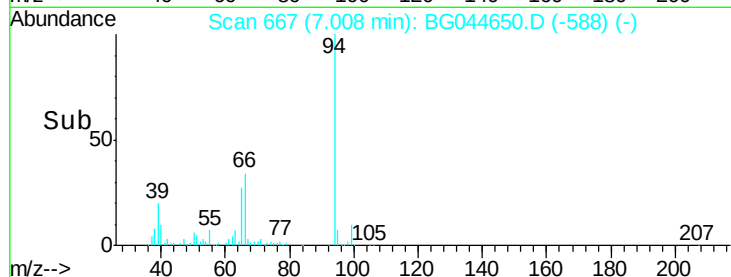
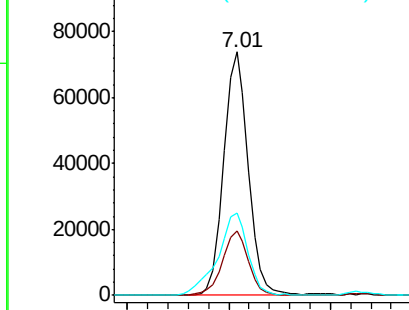
Tot Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.4	46.4
66	33.7	13.9	53.9

Manual Integrations
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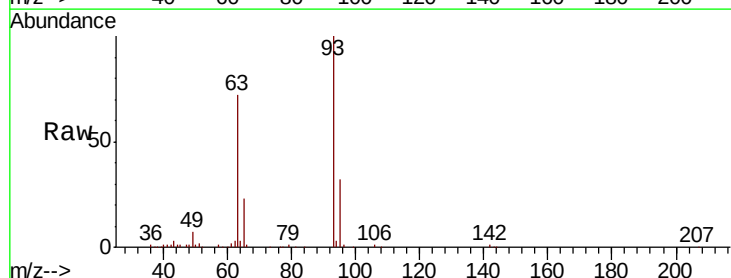


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

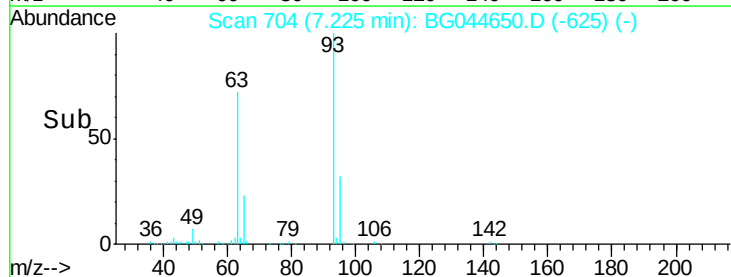
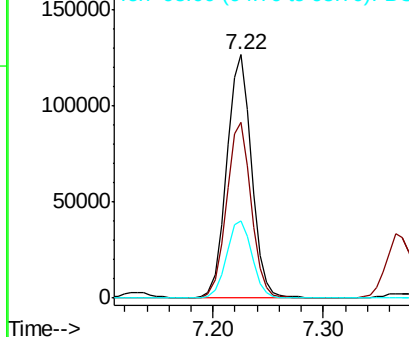


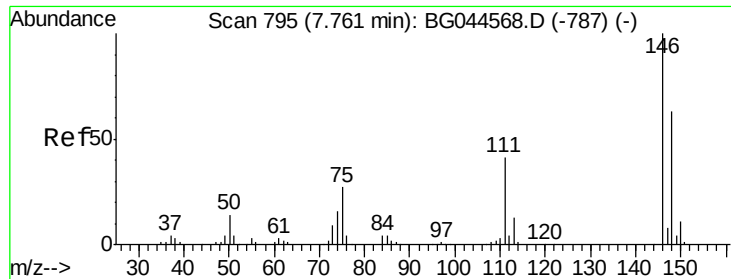
#11
bis(2-Chloroethyl)ether
Concen: 49.404 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.2	48.9	88.9
95	31.7	11.3	51.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





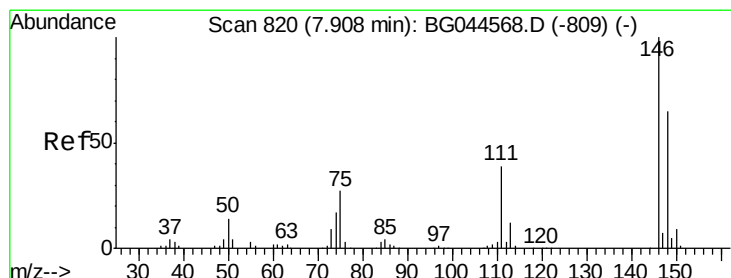
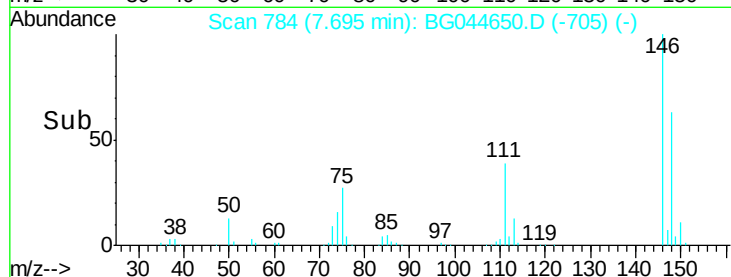
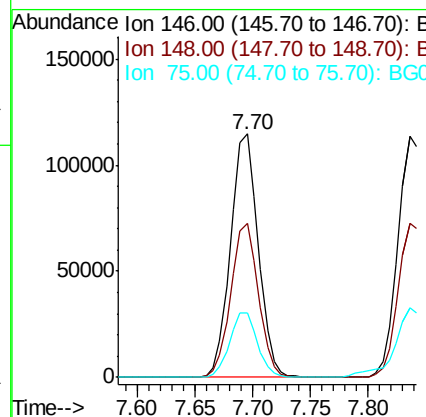
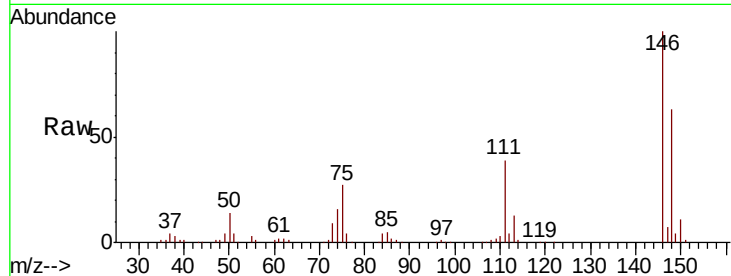
#12
 1,3-Dichlorobenzene
 Concen: 40.342 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	26.7	21.4	32.0

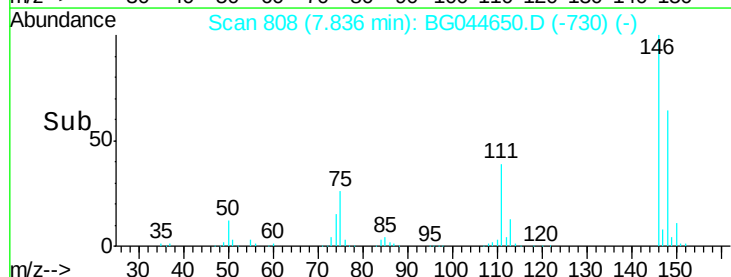
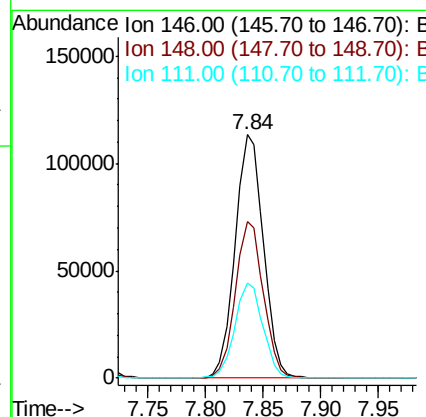
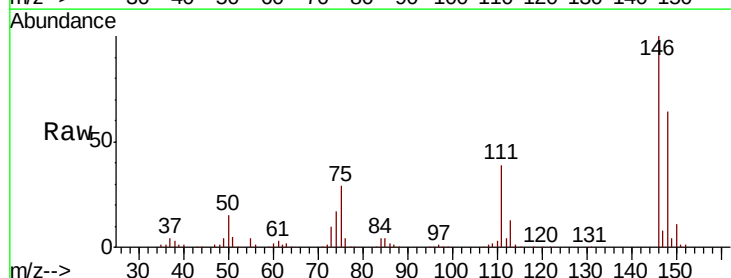
Manual Integrations
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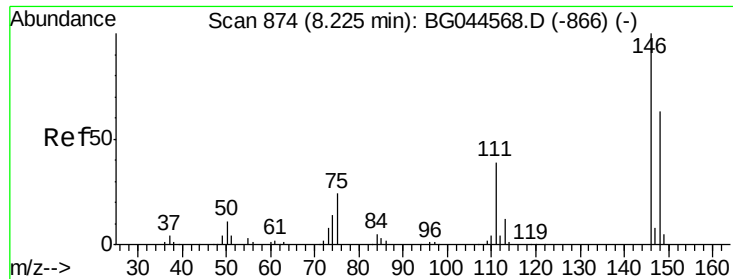
mohammad
 3/3/2020 12:28:35 PM



#13
 1,4-Dichlorobenzene
 Concen: 40.607 ng
 RT: 7.84 min Scan# 808
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	39.0	30.8	46.2





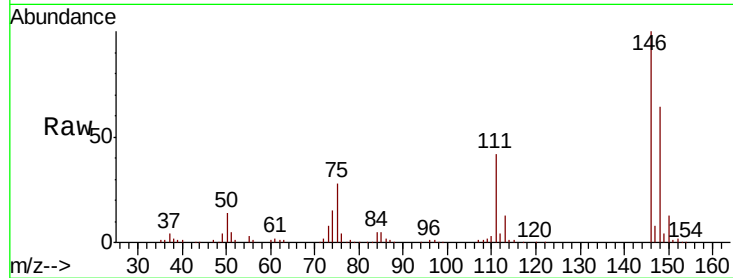
#14
1,2-Dichlorobenzene
Concen: 41.190 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	41.9	31.8	47.6

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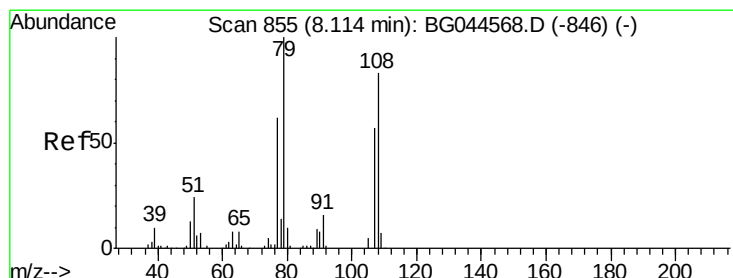
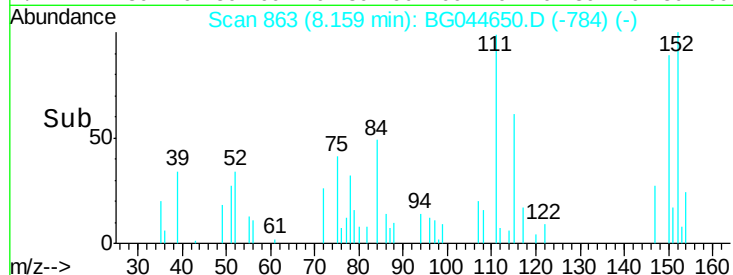
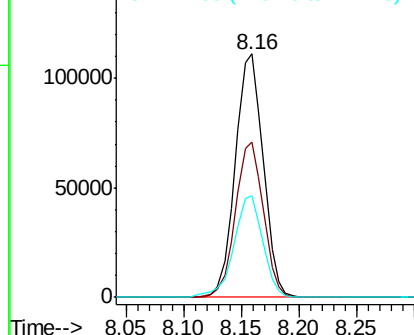


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
Benzyl Alcohol
Concen: 33.881 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

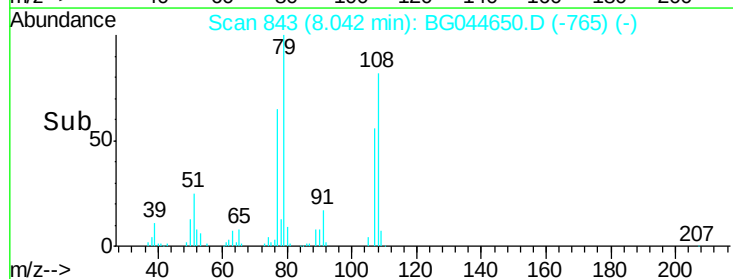
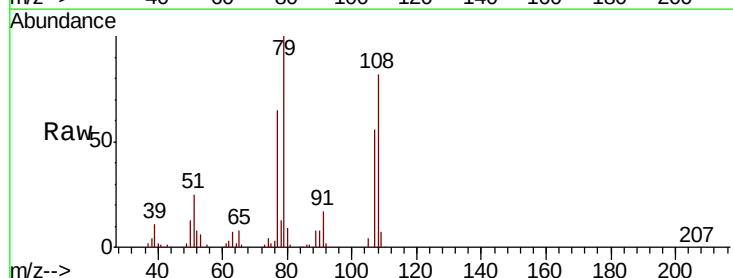
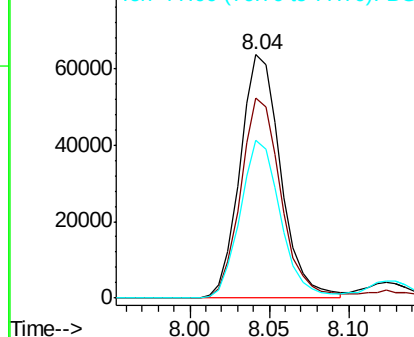
Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.4	66.0	99.0
77	65.0	49.6	74.4

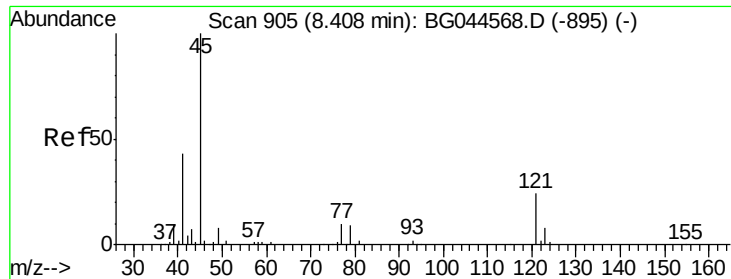
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





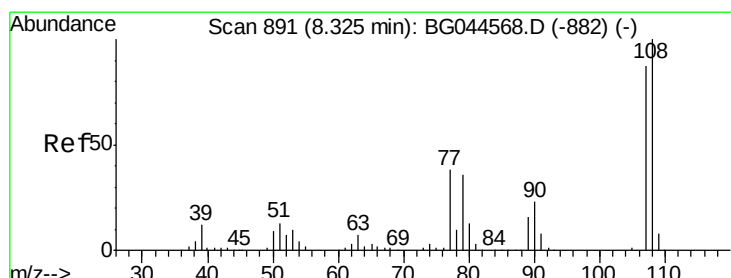
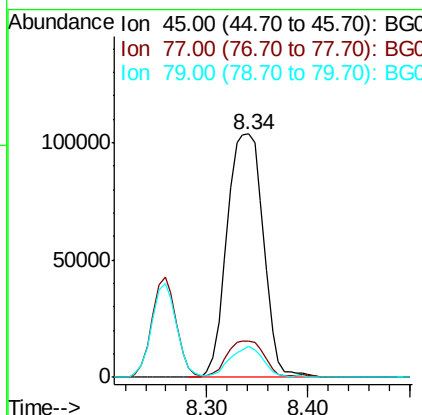
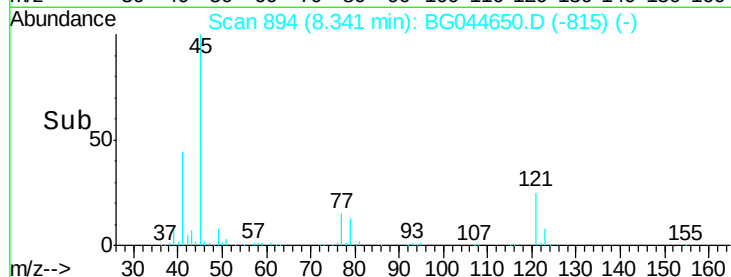
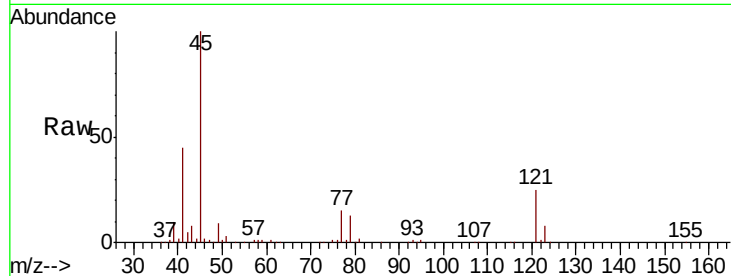
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 47.382 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.4
79	12.7	0.0	32.3

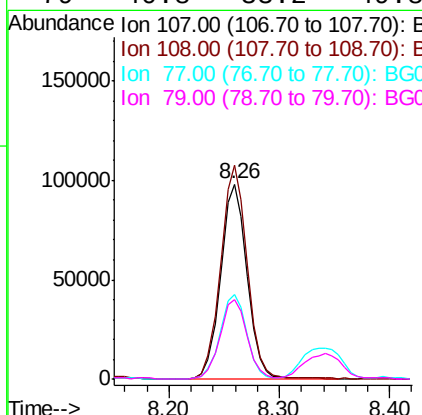
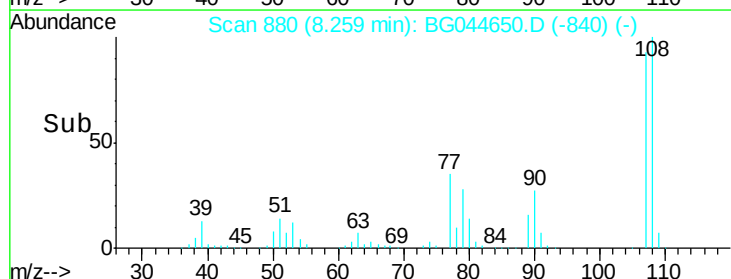
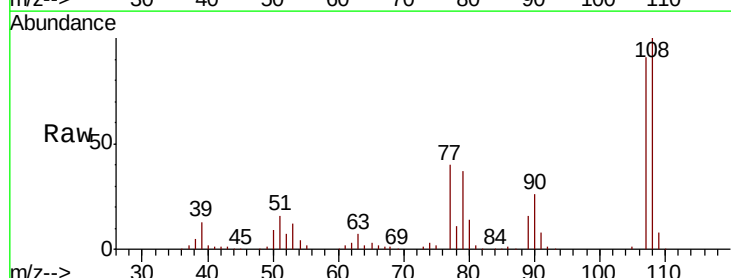
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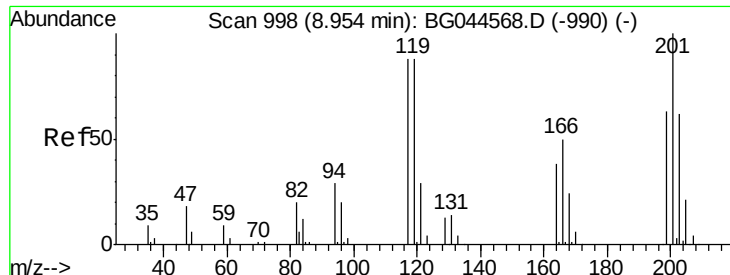
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#17
2-Methylphenol
Concen: 47.730 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.6	91.7	137.5
77	43.7	35.1	52.7
79	40.8	33.2	49.8





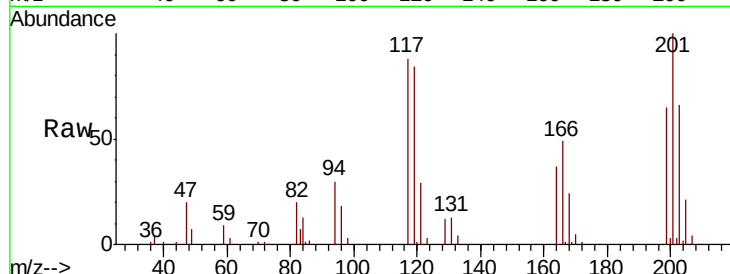
#18
Hexachloroethane
Concen: 37.813 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	65585		
119	95.1	80.0	120.0	
201	113.4	90.5	135.7	

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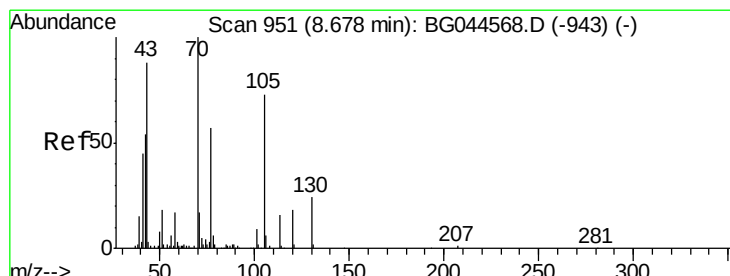
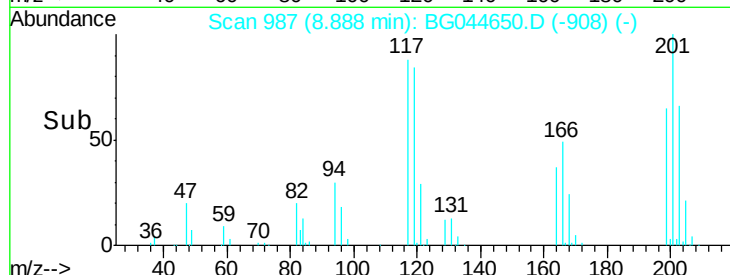
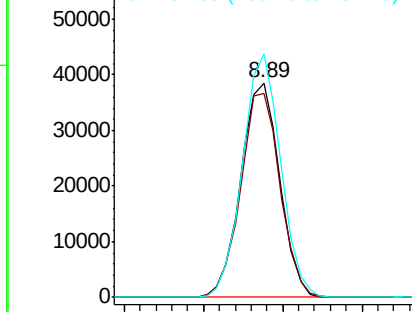


Abundance

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: 51.470 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	164255		
42	54.9	43.4	65.0	
101	10.3	7.5	11.3	
130	23.1	18.9	28.3	

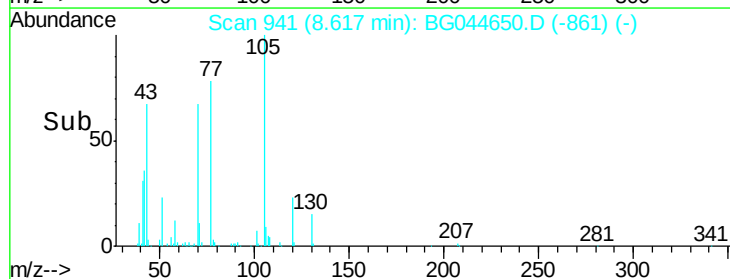
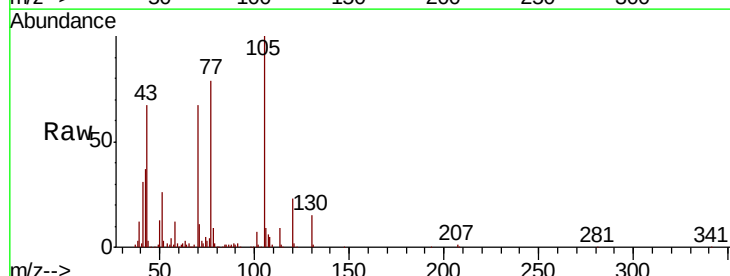
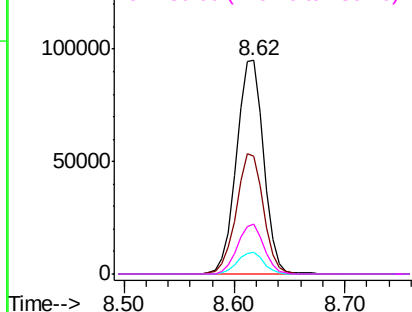
Abundance

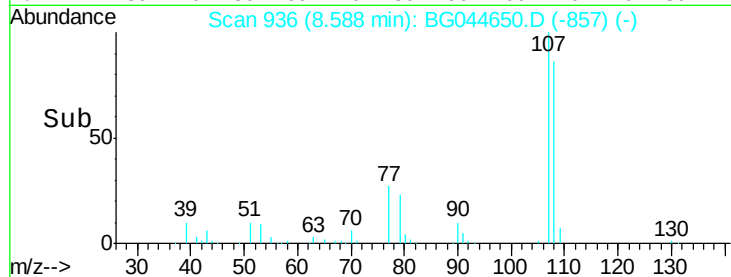
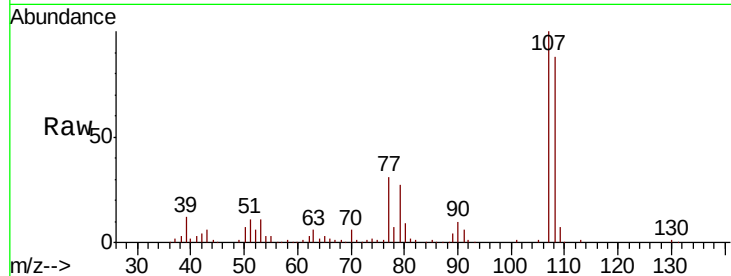
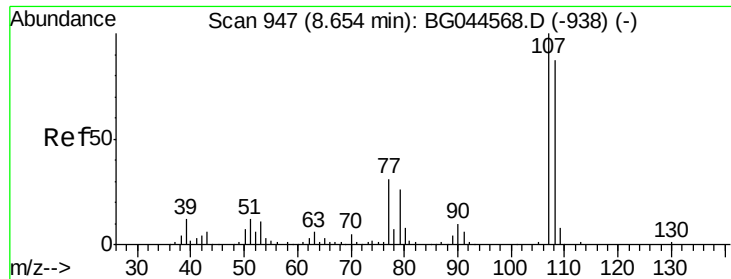
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





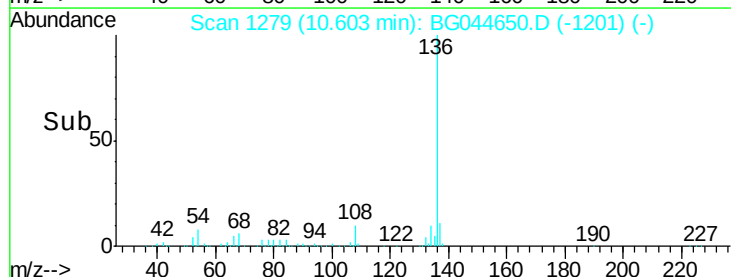
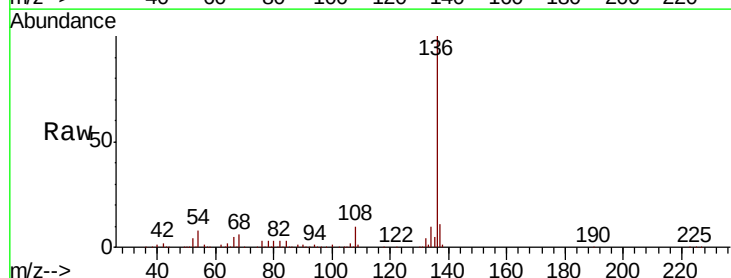
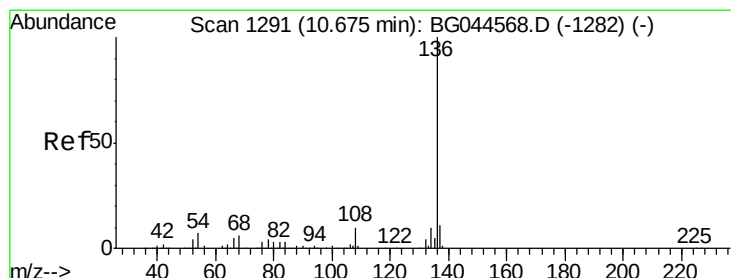
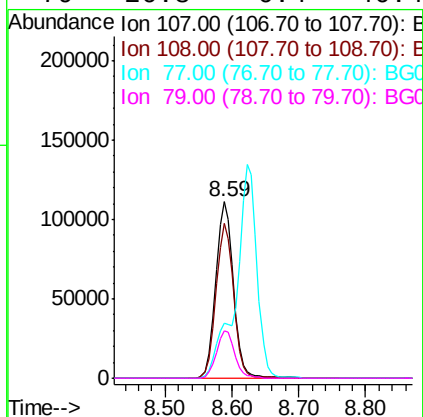
#20
3+4-Methylphenols
Concen: 44.296 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.6	67.5	107.5	
77	31.2	11.3	51.3	
79	26.8	6.4	46.4	

Instrument :
BNA_G
ClientSampleId :
PB127195BS

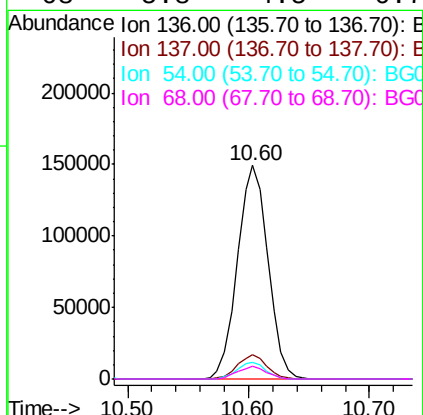
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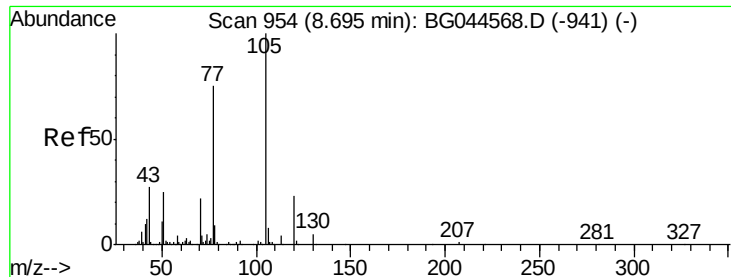
mohammad
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.8	5.7	8.5	
68	5.8	4.5	6.7	





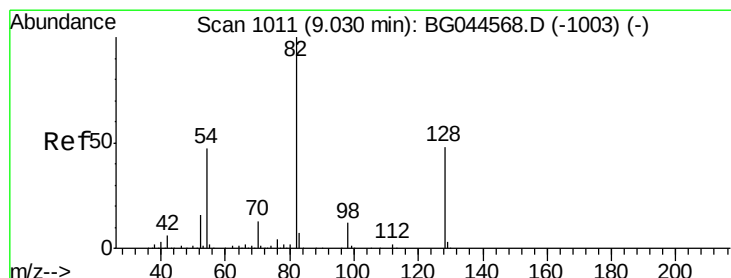
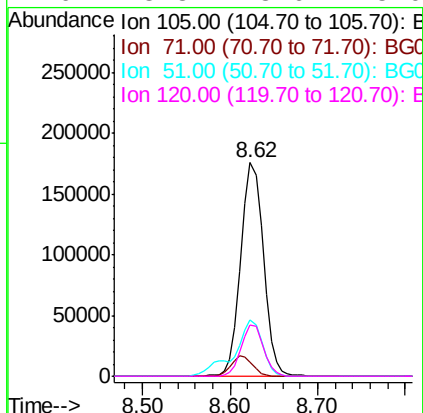
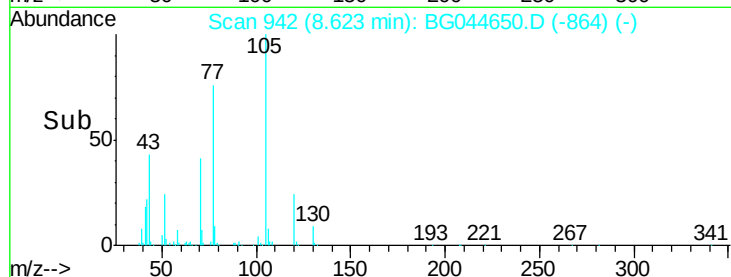
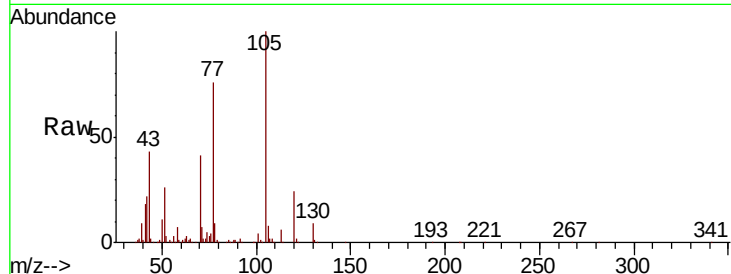
#22
Acetophenone
Concen: 46.653 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	6.7	2.8	4.2#
51	26.3	19.9	29.9
120	23.8	18.6	28.0

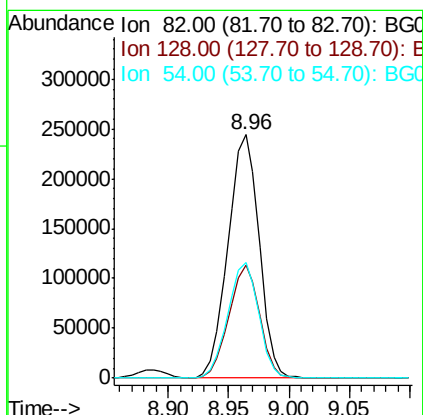
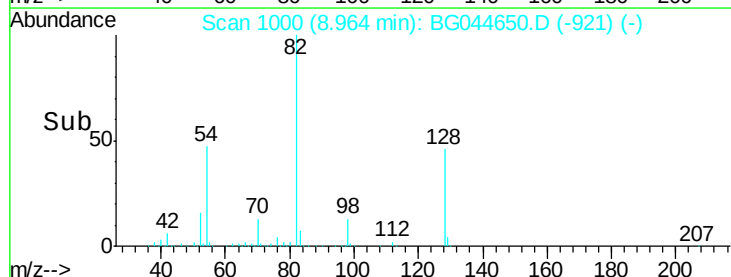
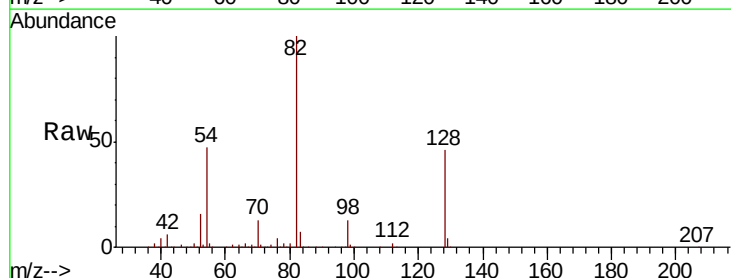
Manual Integrations
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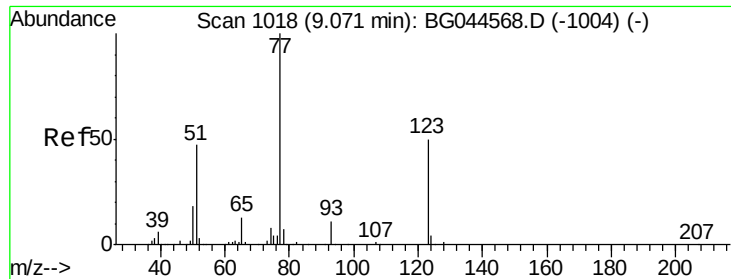
mohammad
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#23
Nitrobenzene-d5
Concen: 85.784 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.1	57.1
54	47.4	37.5	56.3





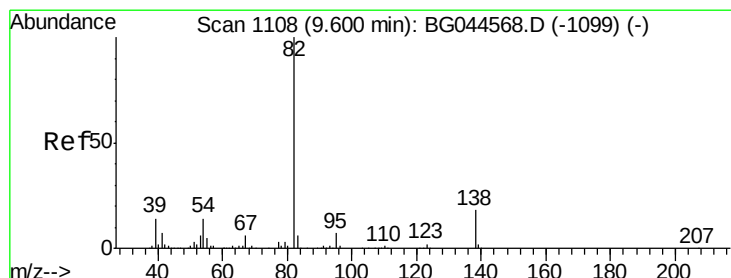
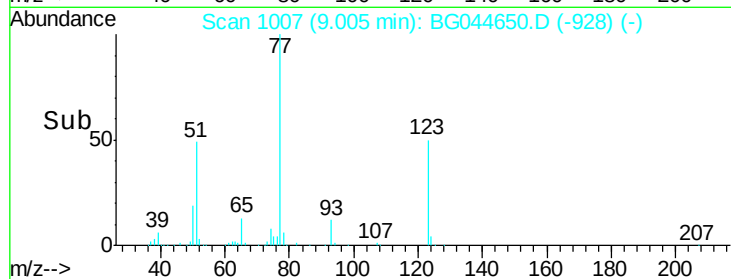
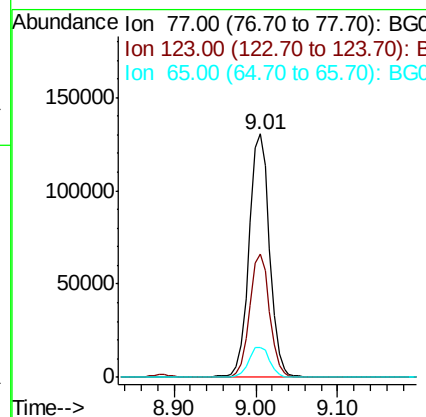
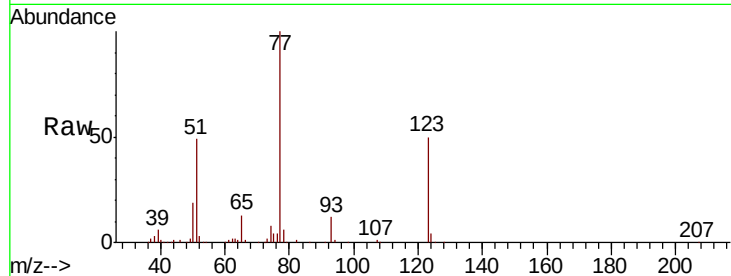
#24
Nitrobenzene
Concen: 46.060 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	227657		
123	50.5		40.1	60.1
65	12.5		10.4	15.6

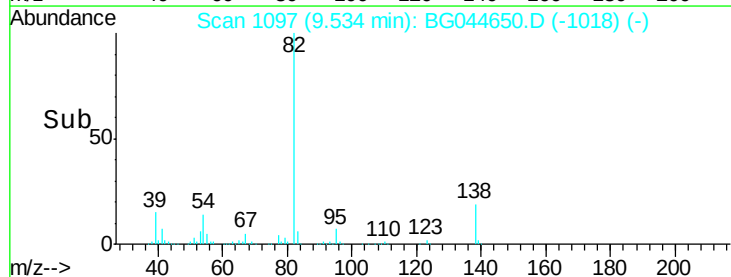
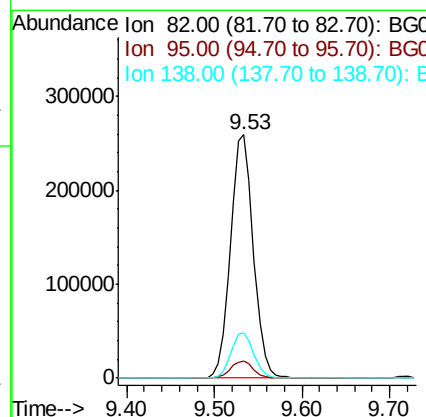
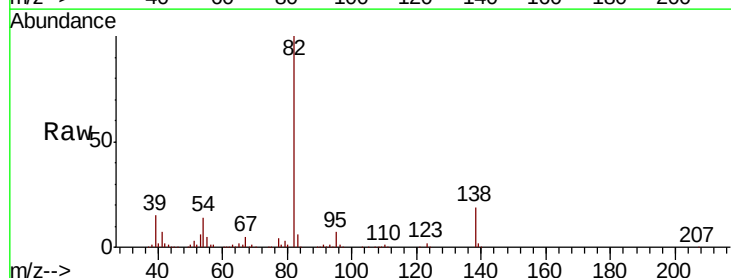
Manual Integrations
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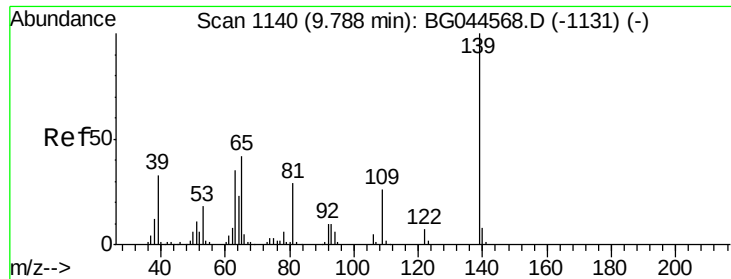
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#25
Isophorone
Concen: 48.481 ng
RT: 9.53 min Scan# 1097
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	462689		
95	7.1		5.6	8.4
138	18.8		14.7	22.1





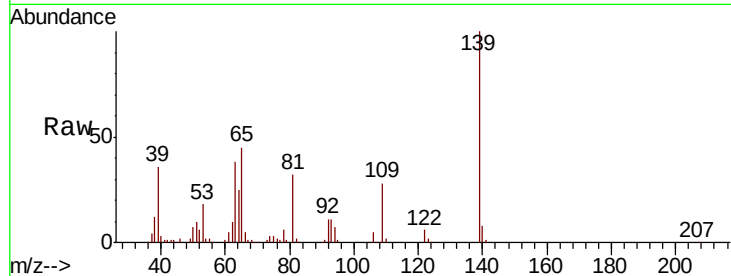
#26
2-Nitrophenol
Concen: 47.965 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.7	20.6	31.0	
65	45.2	33.3	49.9	

Manual Integrations
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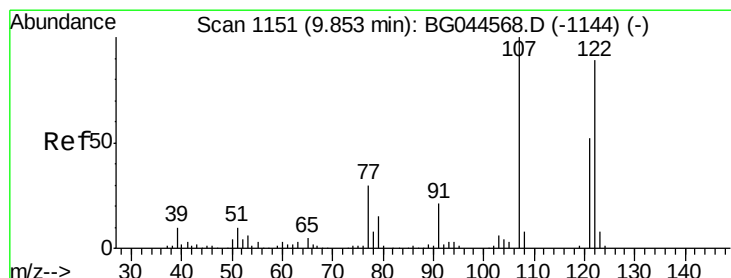
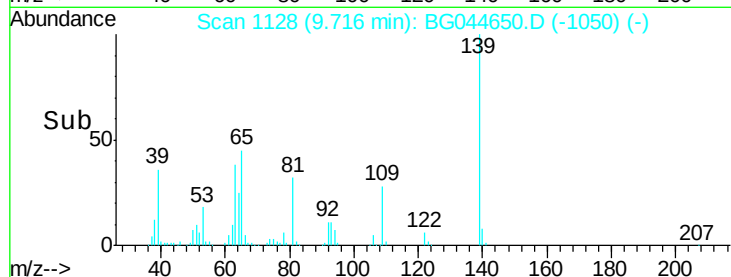
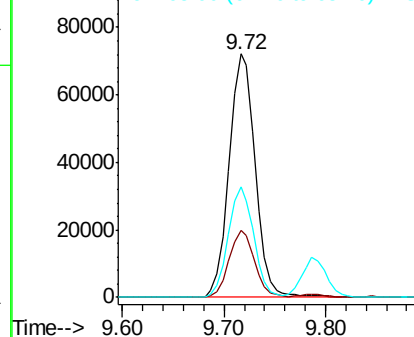


Abundance

Ion 139.00 (138.70 to 139.70): E

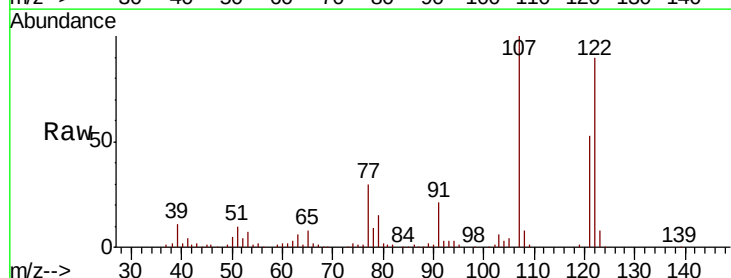
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#27
2,4-Dimethylphenol
Concen: 55.409 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	111.1	89.4	134.0	
121	58.7	46.5	69.7	

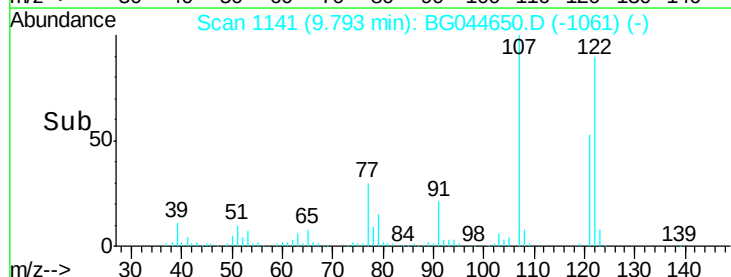
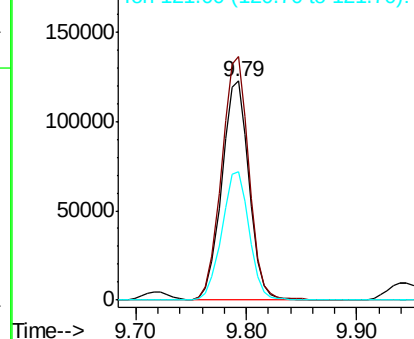


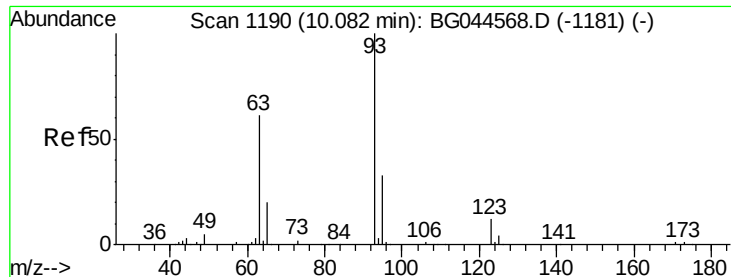
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





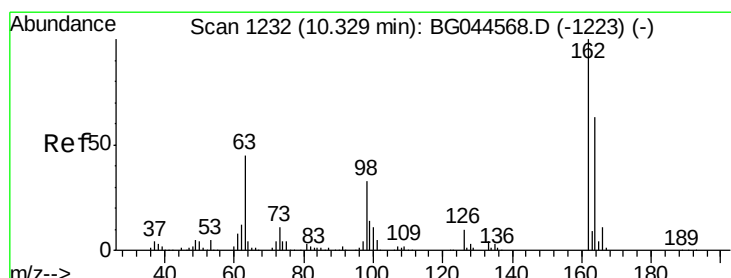
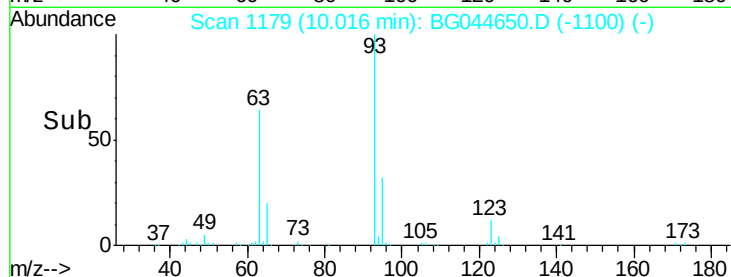
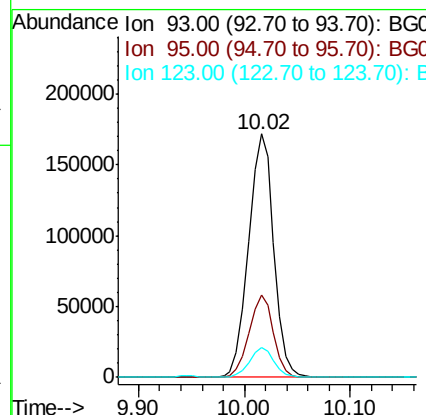
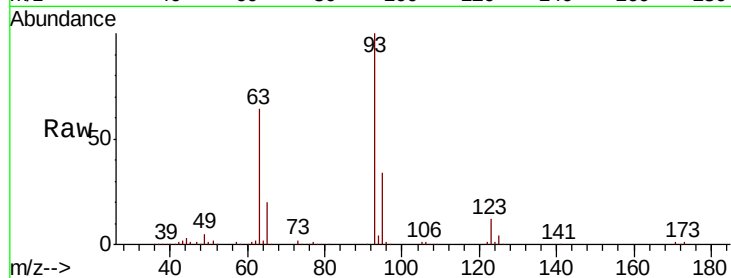
#28
bis(2-Chloroethoxy)methane
Concen: 44.956 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.9	26.5	39.7	
123	12.3	9.7	14.5	

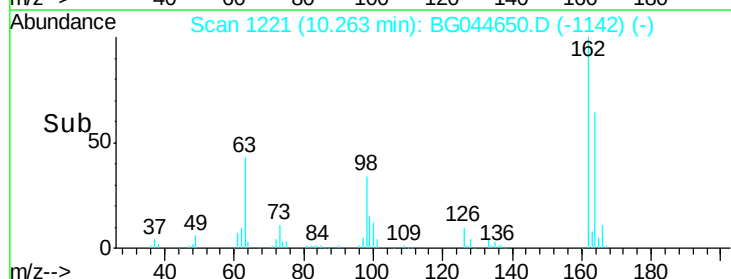
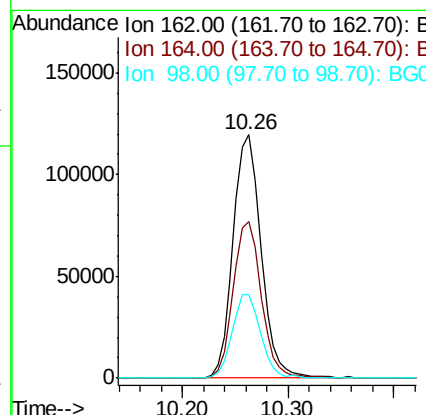
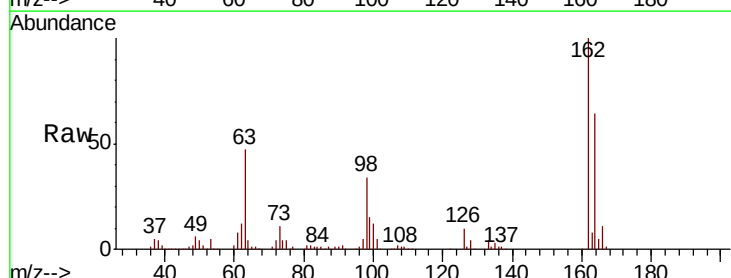
Manual Integrations
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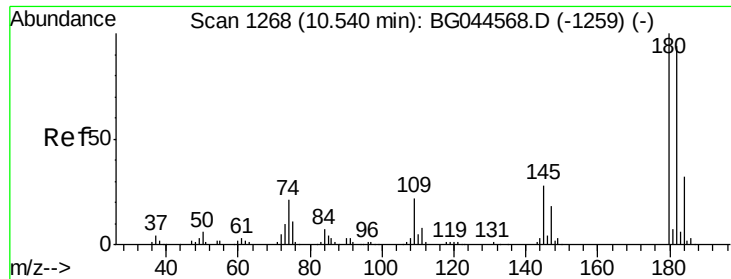
mohammad
3/3/2020 12:28:35 PM



#29
2,4-Dichlorophenol
Concen: 48.935 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	43.2	83.2	
98	34.4	13.2	53.2	





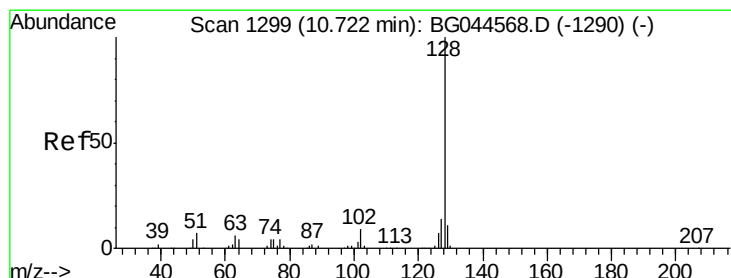
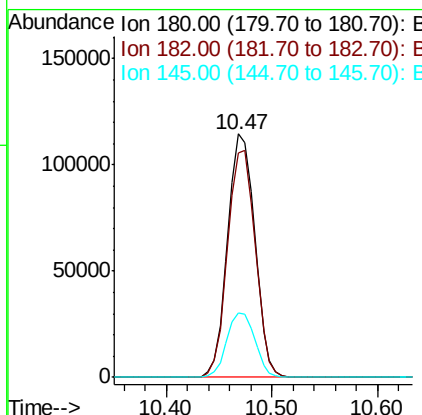
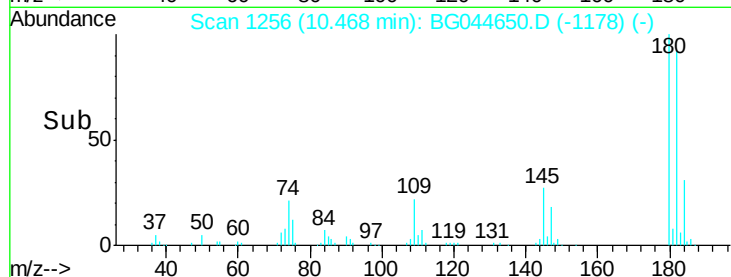
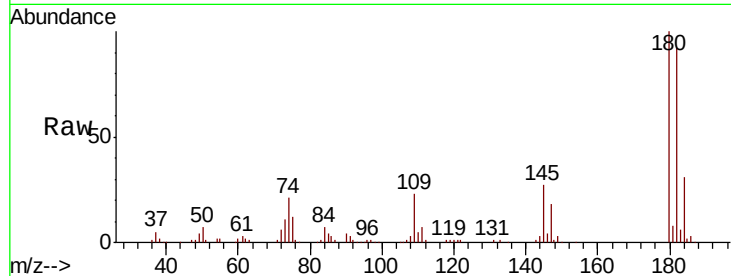
#30
 1,2,4-Trichlorobenzene
 Concen: 39.293 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.6	113.4
145	26.7	22.2	33.2

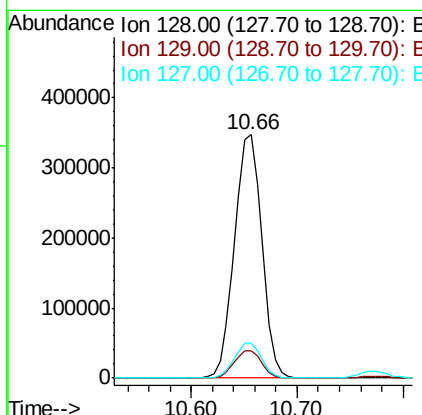
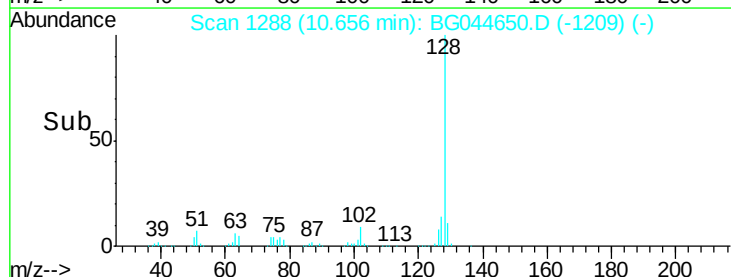
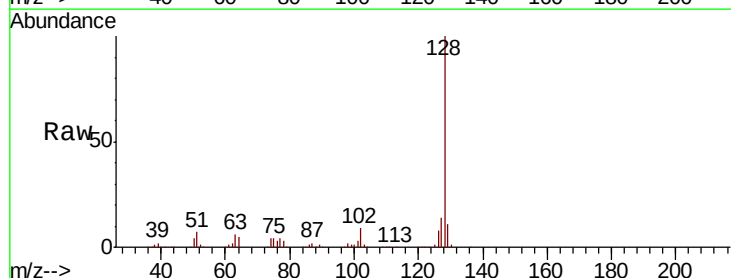
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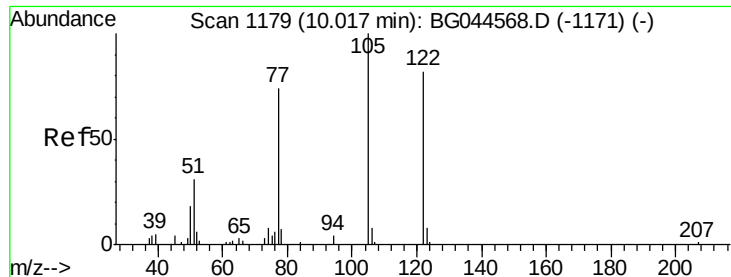
mohammad
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#31
 Naphthalene
 Concen: 43.344 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.3	11.0	16.4





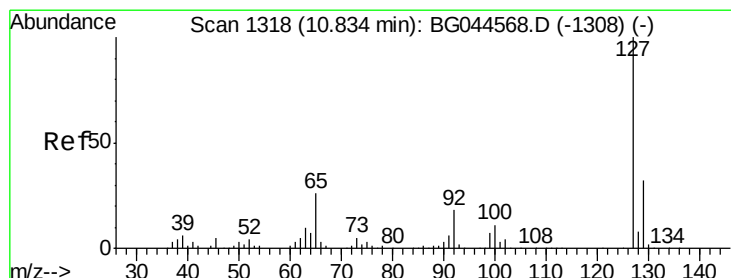
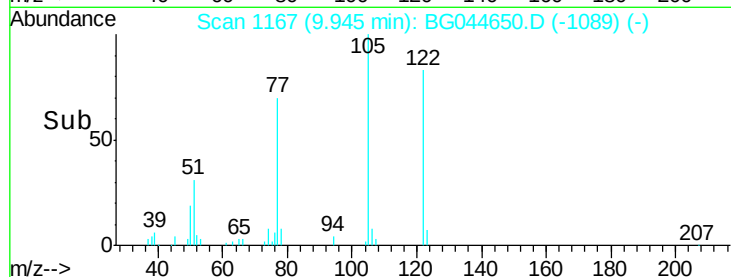
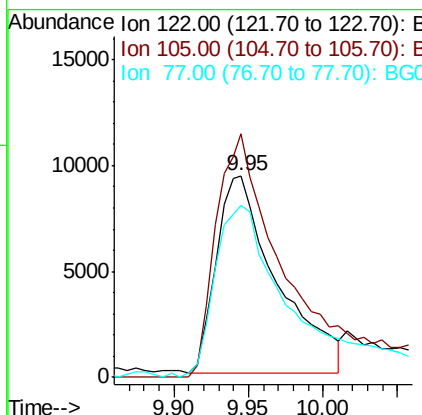
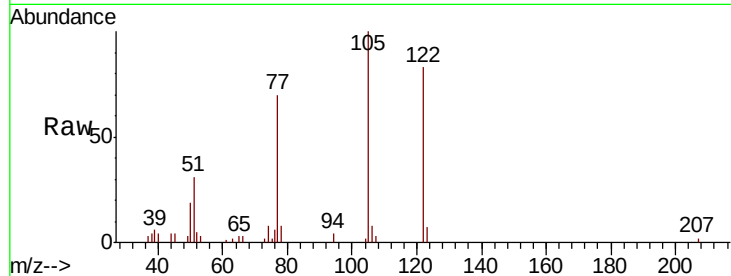
#32
Benzoic acid
Concen: 29.107 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	120.8	101.4	141.4
77	85.0	69.8	109.8

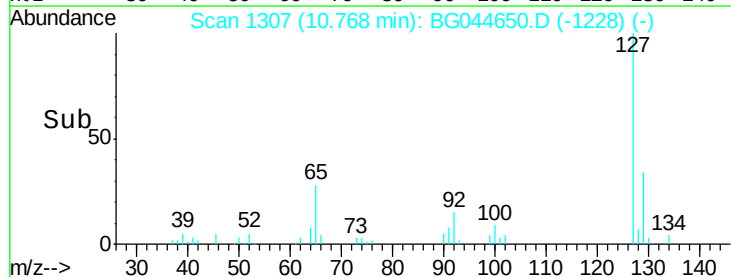
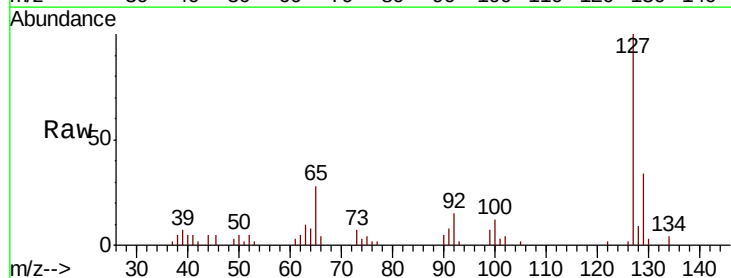
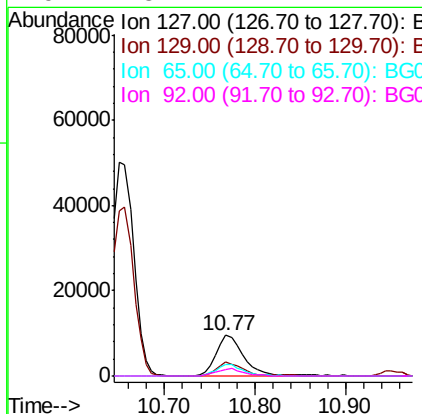
Manual Integrations
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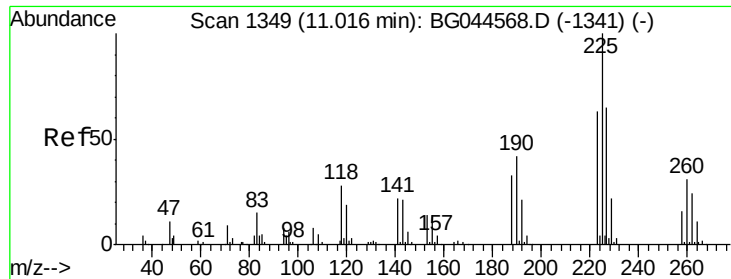
mohammad
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#33
4-Chloroaniline
Concen: 3.271 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	27.7	20.7	31.1
92	15.4	14.2	21.2





#34

Hexachlorobutadiene

Concen: 35.082 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

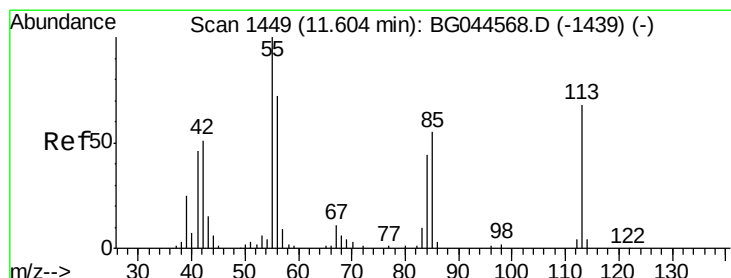
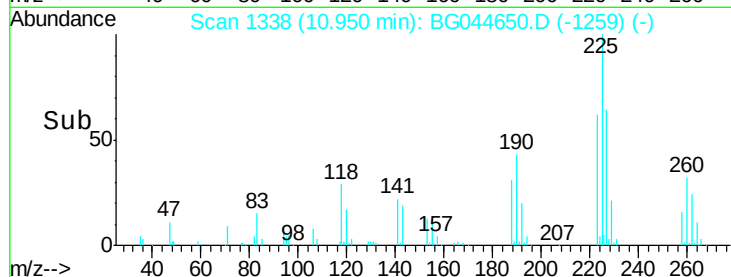
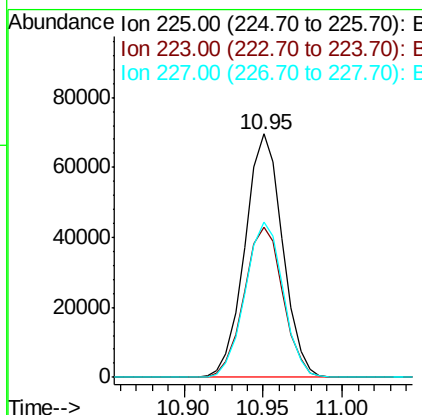
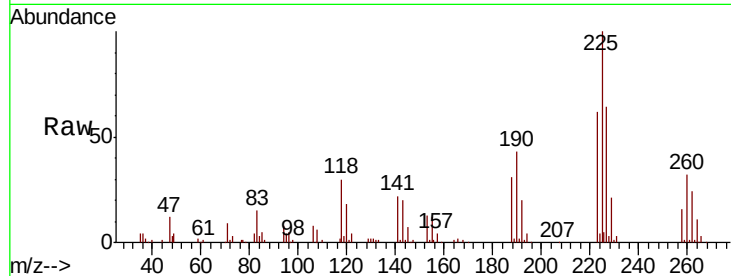
ClientSampled :

PB127195BS

Tot Ion:	225	Resp:	114649
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.6	76.0
227	63.7	52.1	78.1

Manual Integrations
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#35

Caprolactam

Concen: 7.504 ng m

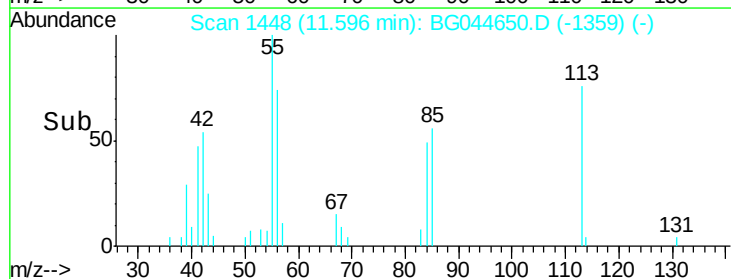
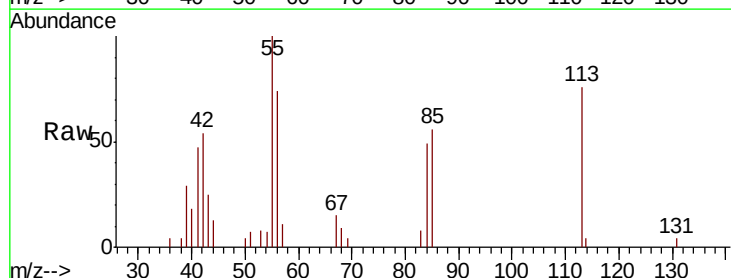
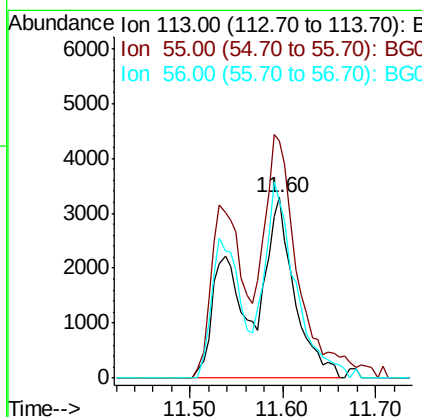
RT: 11.60 min Scan# 1448

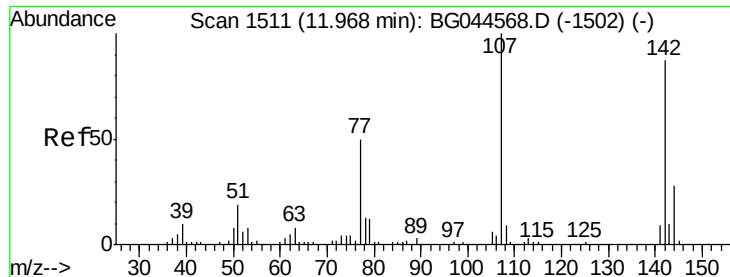
Delta R.T. -0.01 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Tgt Ion:	113	Resp:	12088
Ion Ratio	Lower	Upper	
113	100		
55	131.6	127.8	167.8
56	97.8	86.9	126.9





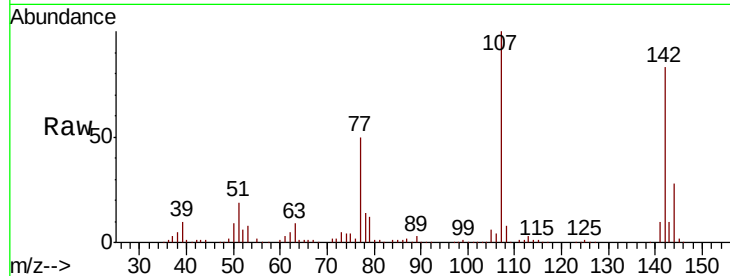
#36
 4-Chloro-3-methylphenol
 Concen: 50.509 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.3	33.5
142	83.2	69.3	103.9

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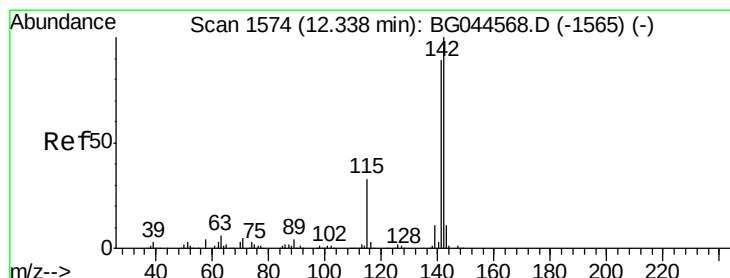
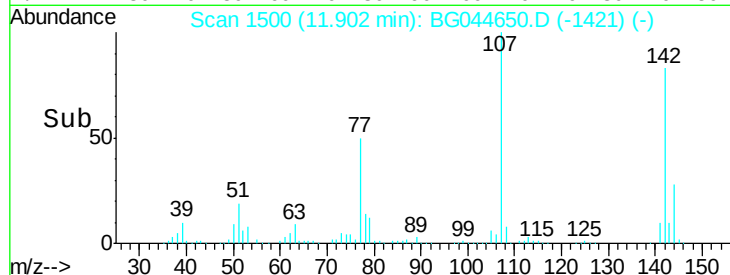
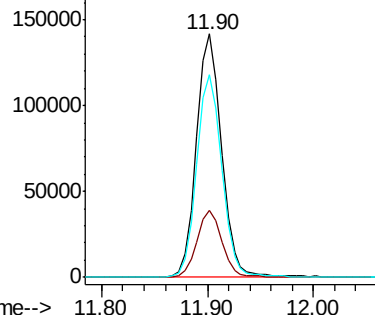


Abundance

Ion 107.00 (106.70 to 107.70): E

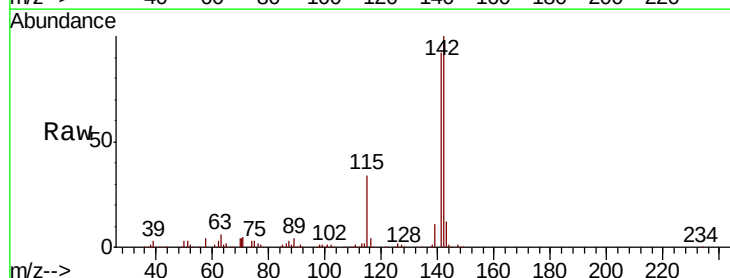
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 46.238 ng
 RT: 12.27 min Scan# 1563
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.3	106.9
115	34.3	26.2	39.2

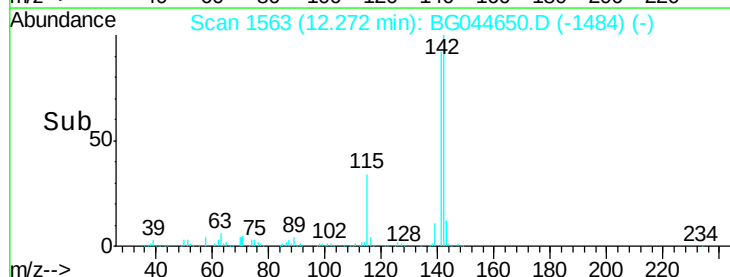
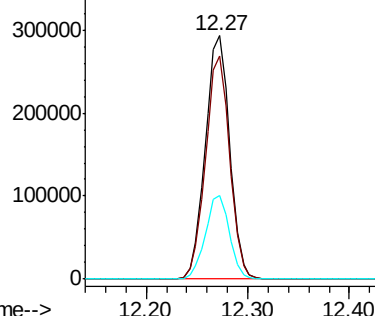


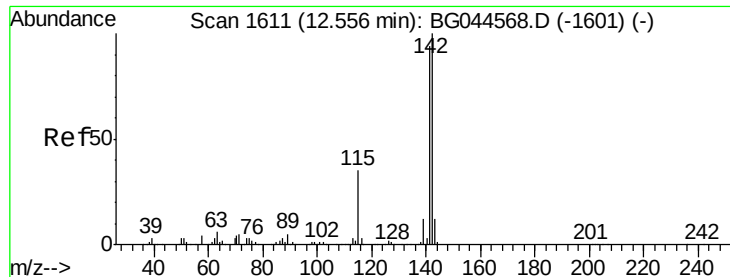
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





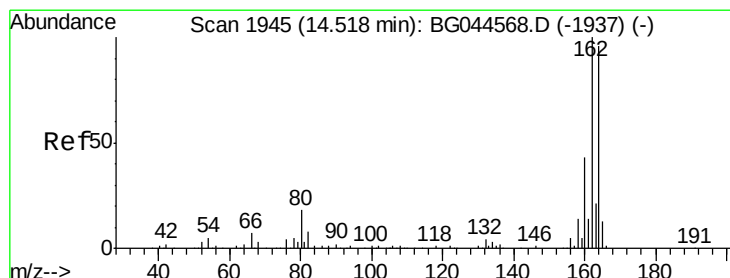
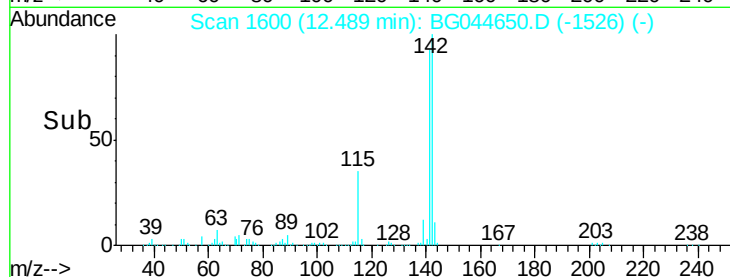
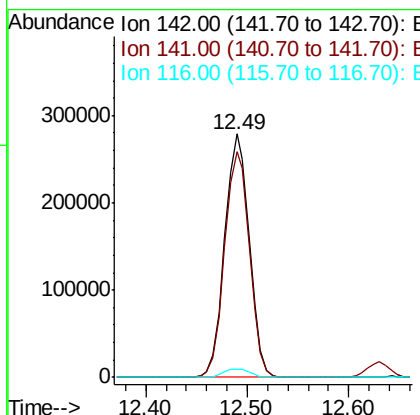
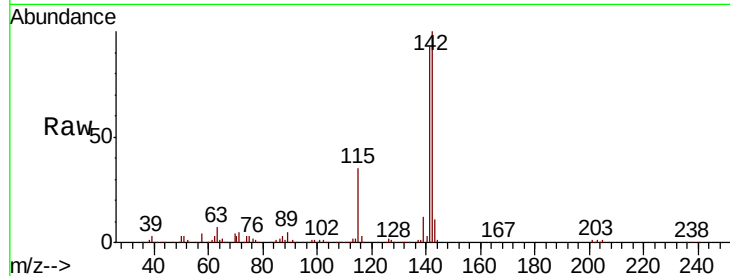
#38
1-Methylnaphthalene
Concen: 46.378 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.1	112.7
116	3.3	2.6	4.0

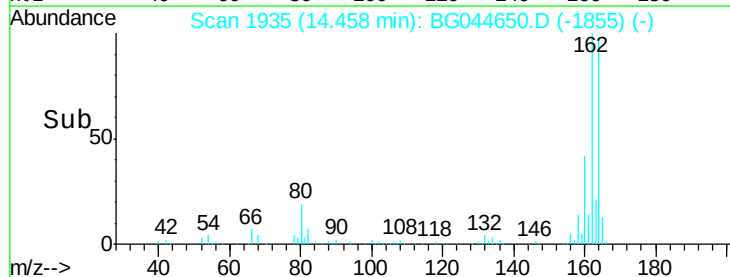
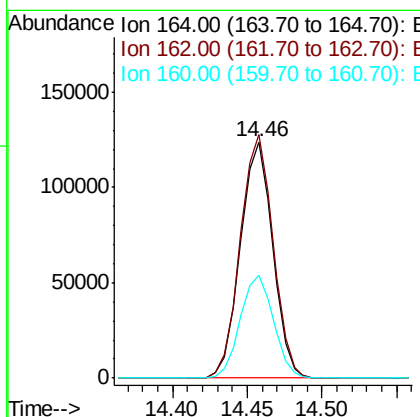
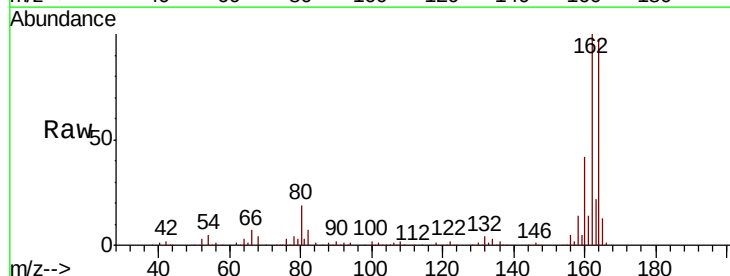
Manual Integrations
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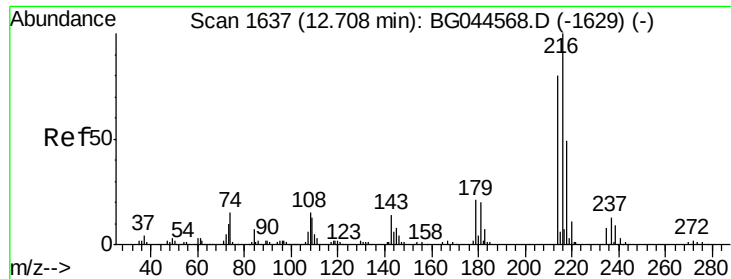
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.6	125.4
160	43.5	36.2	54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.857 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

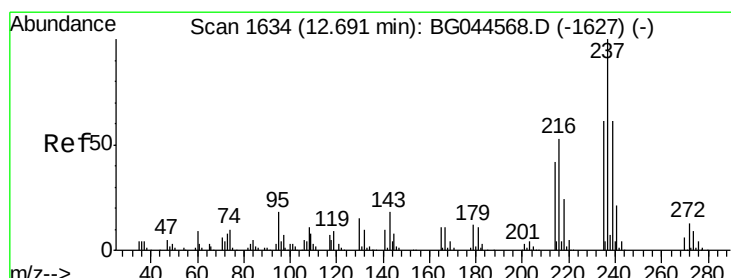
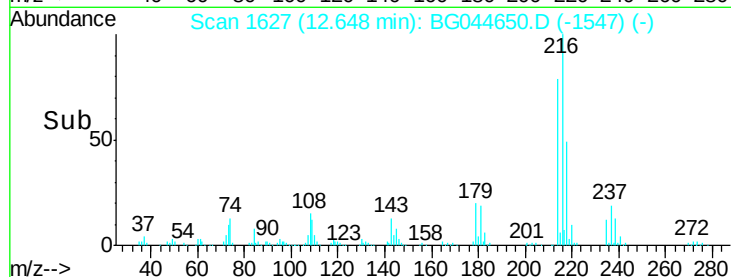
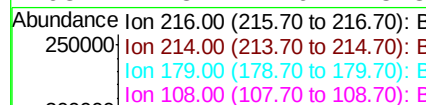
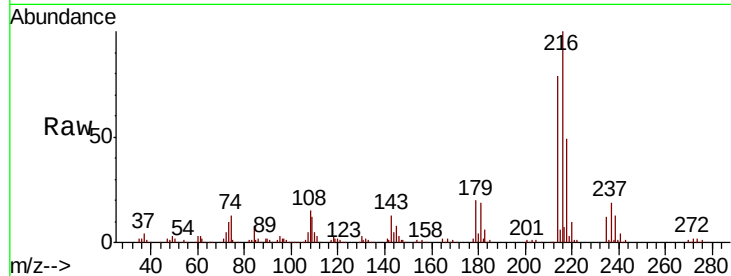
ClientSampled :

PB127195BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.4	63.3	94.9		
179	20.3	16.2	24.2		
108	17.3	12.6	18.8		

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#41

Hexachlorocyclopentadiene

Concen: 80.714 ng

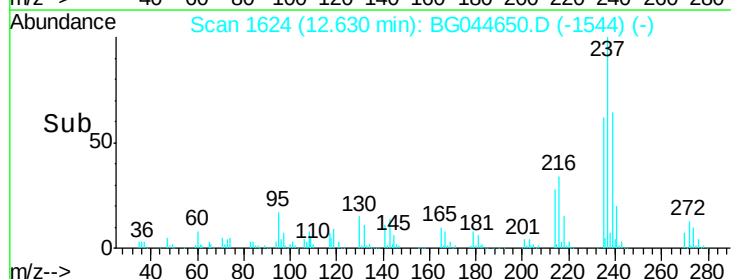
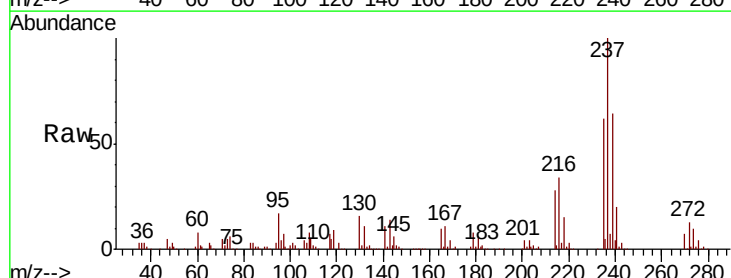
RT: 12.63 min Scan# 1624

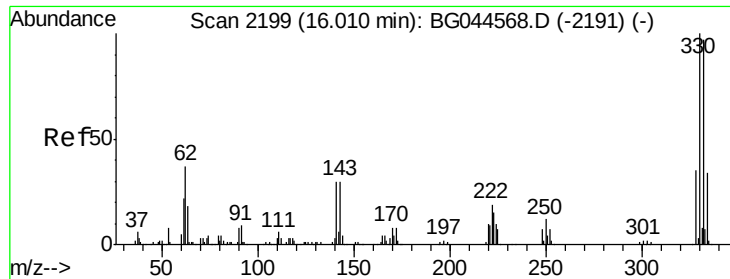
Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.7	40.7	80.7		
272	12.6	0.0	32.7		





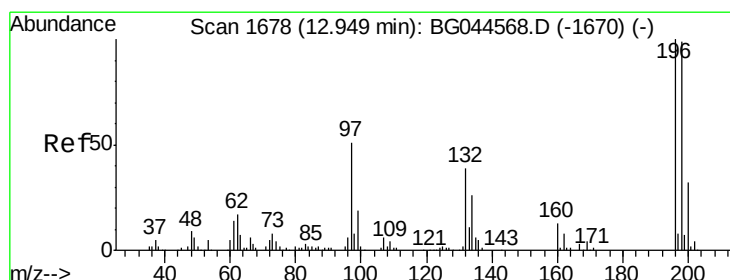
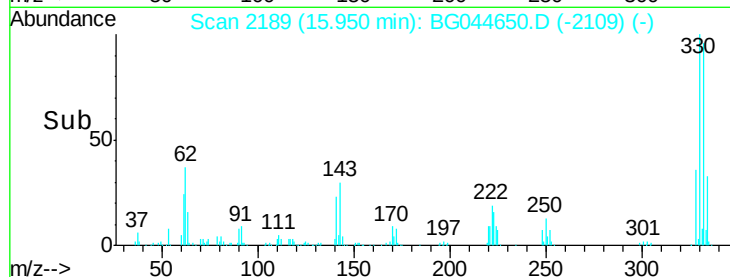
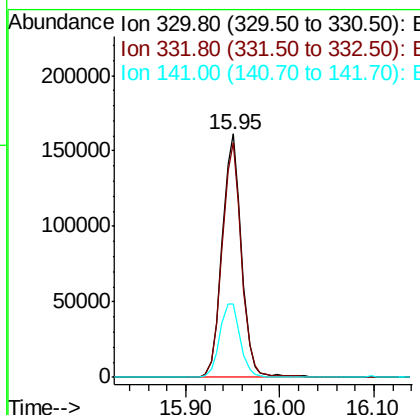
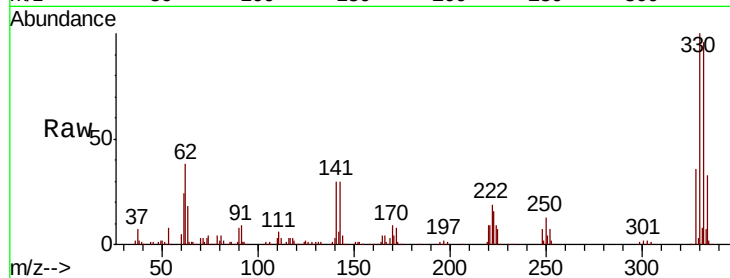
#42
 2,4,6-Tribromophenol
 Concen: 88.562 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233698		
332	96.4		77.4	116.0
141	32.2		26.1	39.1

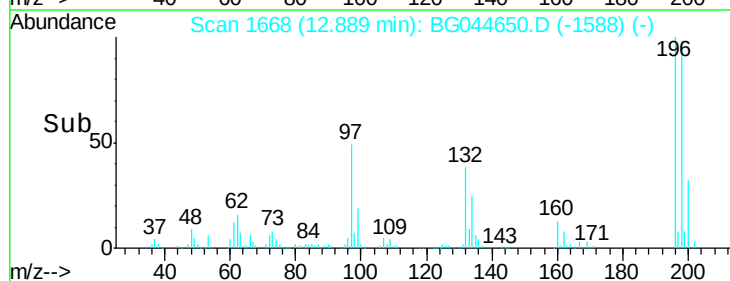
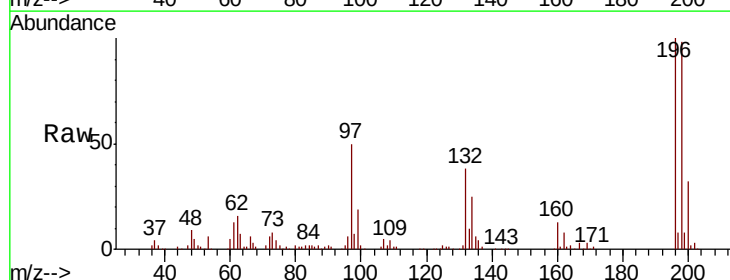
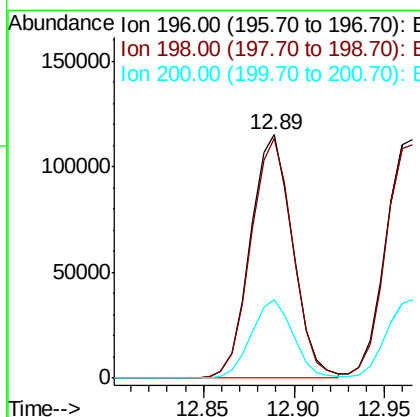
Manual Integrations
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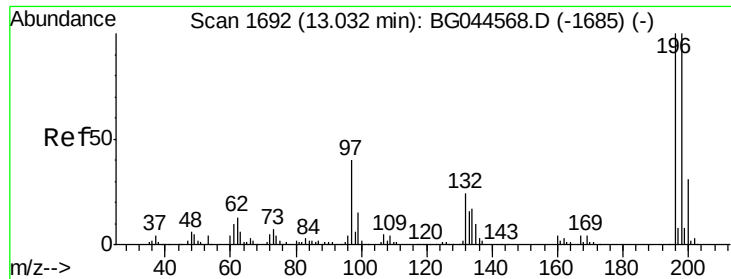
mohammad
 3/3/2020 12:28:35 PM



#43
 2,4,6-Trichlorophenol
 Concen: 45.759 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186152		
198	98.3		79.2	118.8
200	32.2		25.7	38.5





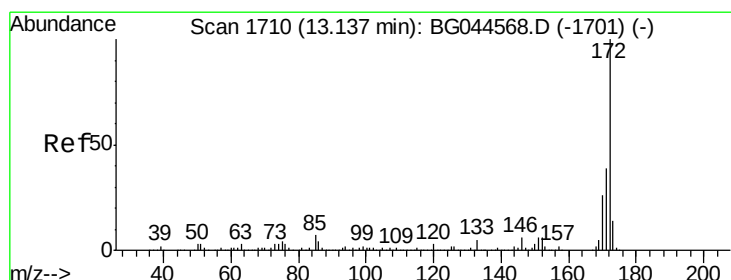
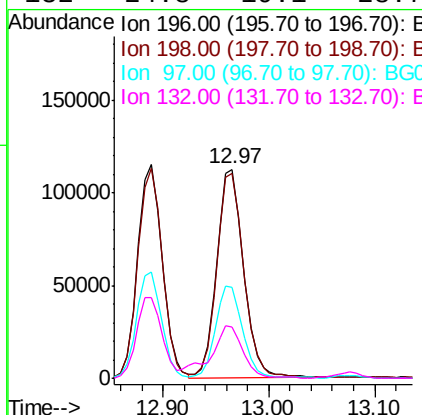
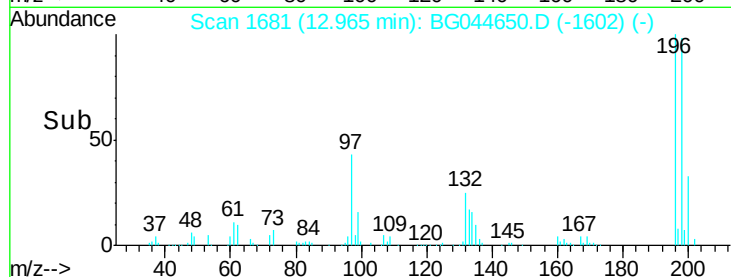
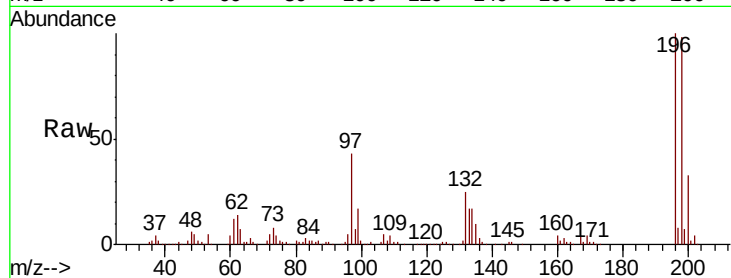
#44
 2,4,5-Trichlorophenol
 Concen: 47.986 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.07 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200531		
198	98.1	79.3	118.9	
97	43.3	32.3	48.5	
132	24.8	19.1	28.7	

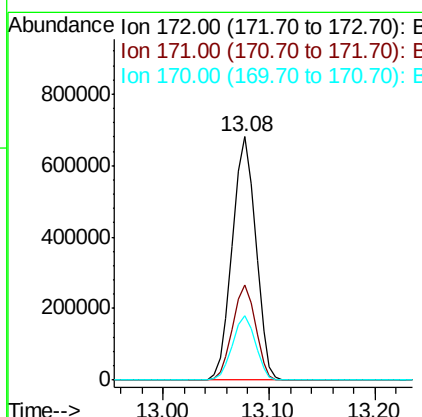
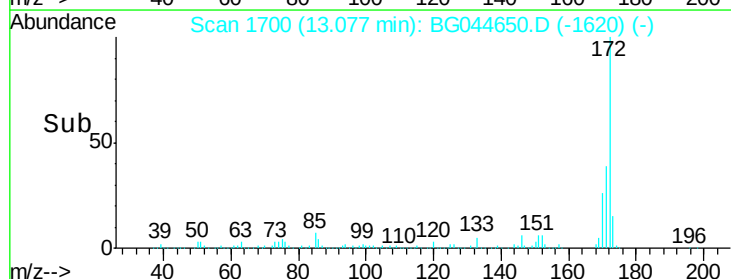
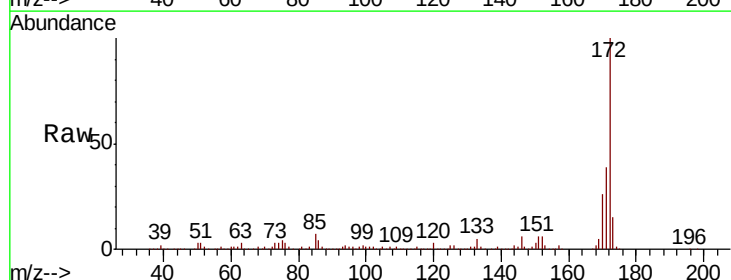
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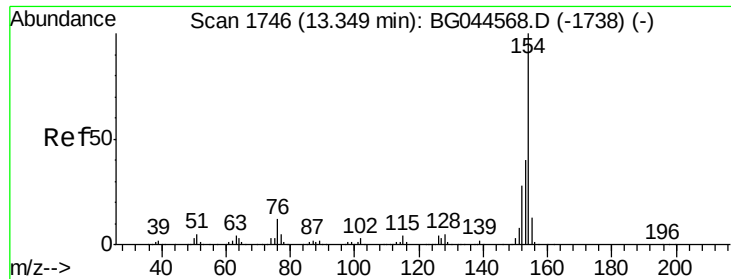
mohammad
 3/3/2020 12:28:35 PM



#45
 2-Fluorobiphenyl
 Concen: 80.331 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1044006		
171	39.3	31.3	46.9	
170	26.5	21.0	31.4	





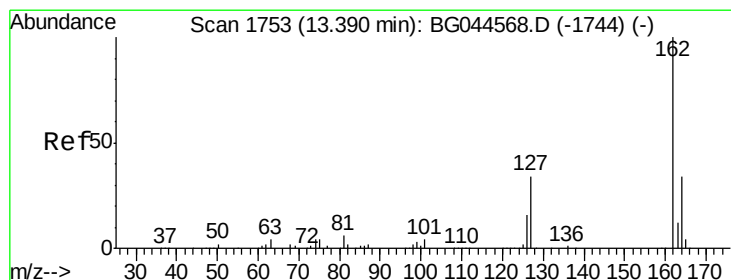
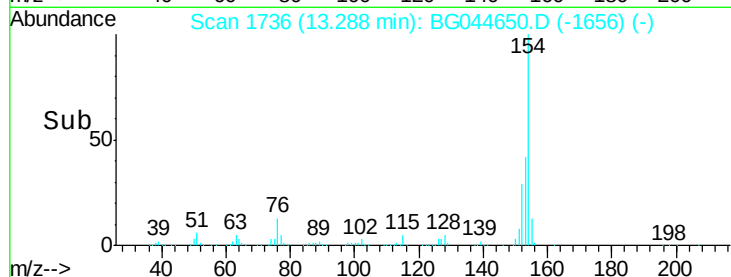
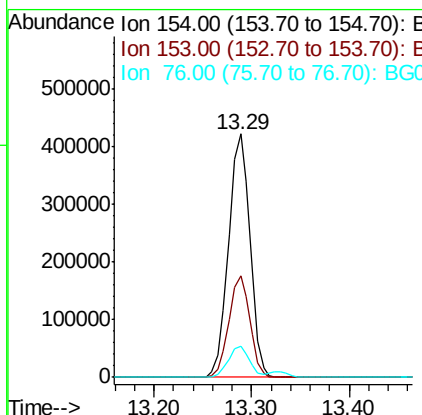
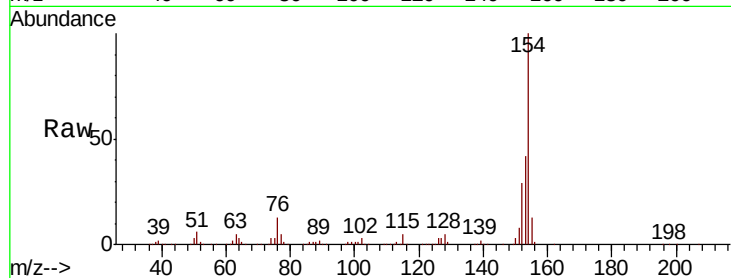
#46
1,1'-Biphenyl
Concen: 41.722 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion:	154	Resp:	642563
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.2	60.2
76	12.8	0.0	31.8

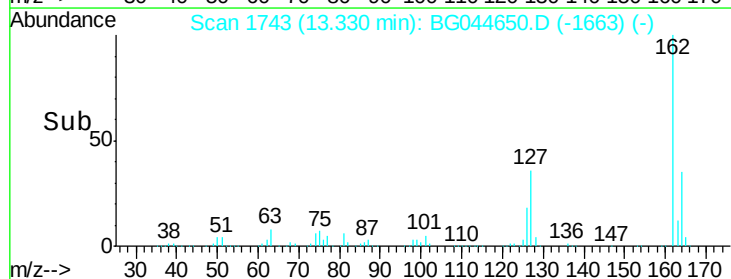
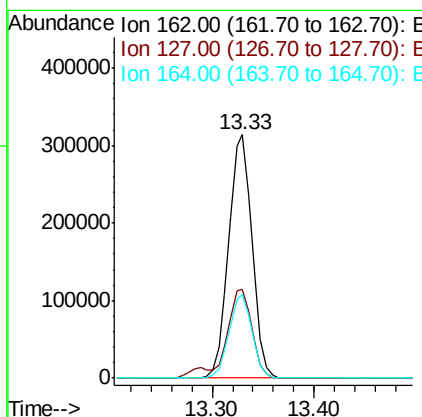
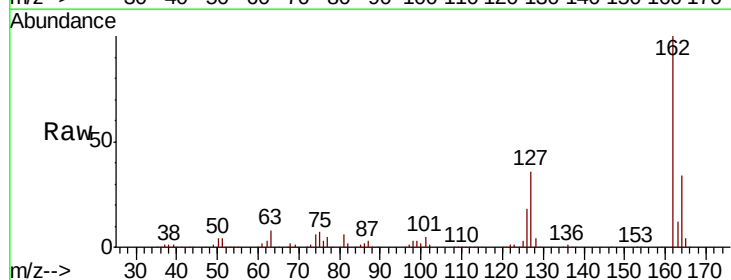
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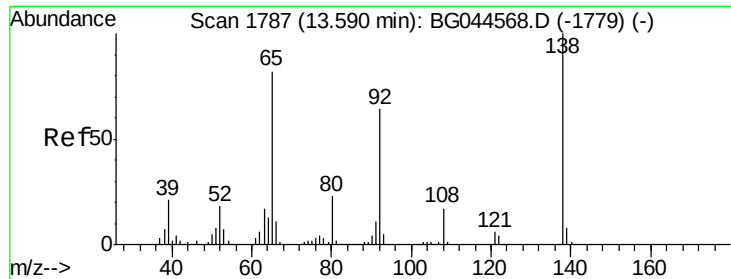
mohammad
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#47
2-Chloronaphthalene
Concen: 41.442 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:	162	Resp:	500484
Ion Ratio	Lower	Upper	
162	100		
127	36.5	28.7	43.1
164	34.5	27.3	40.9





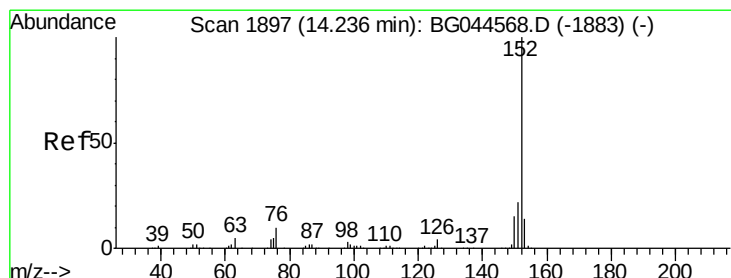
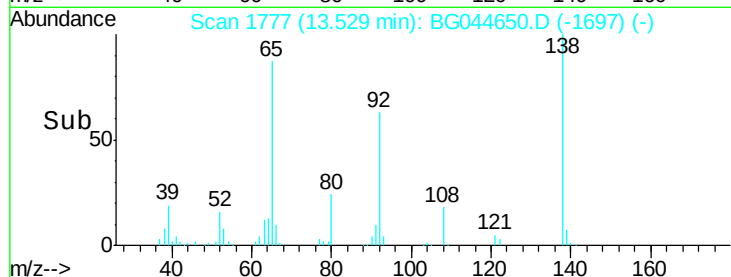
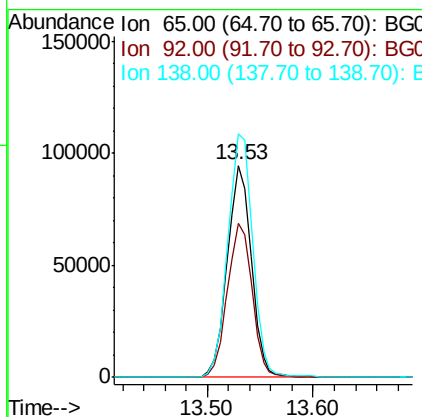
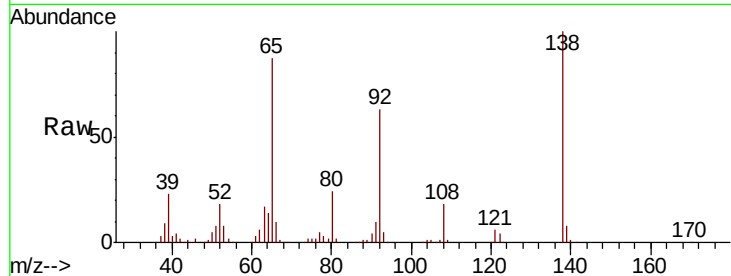
#48
2-Nitroaniline
Concen: 44.586 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	149471		
92	72.7	62.2	93.2	
138	115.0	97.6	146.4	

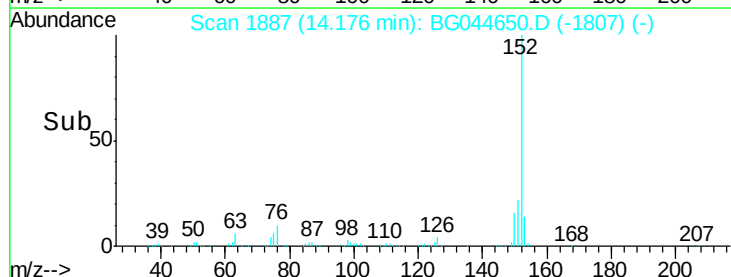
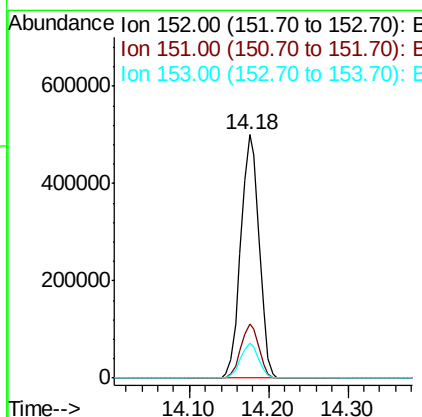
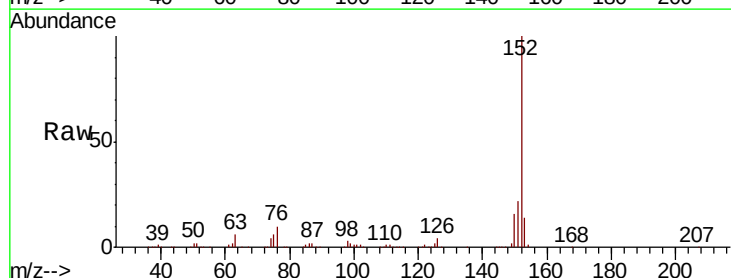
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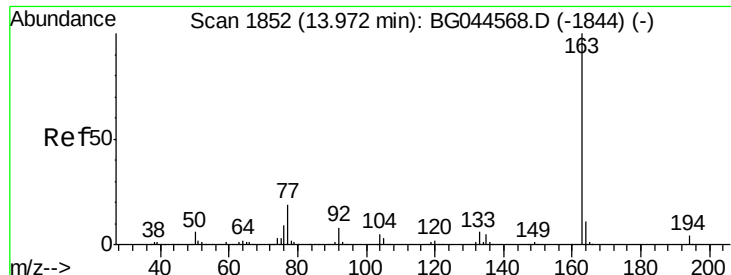
mohammad
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#49
Acenaphthylene
Concen: 44.908 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	800581		
151	22.4	17.7	26.5	
153	14.3	11.3	16.9	





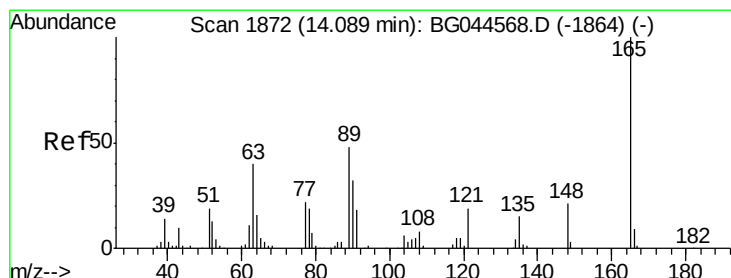
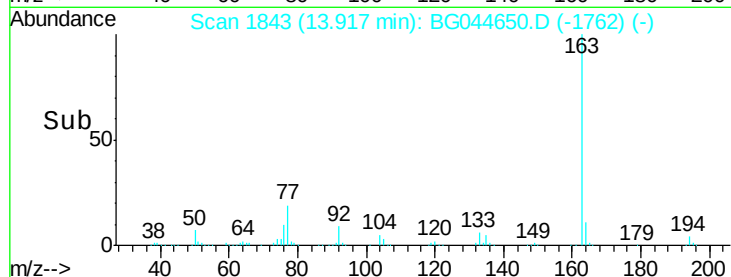
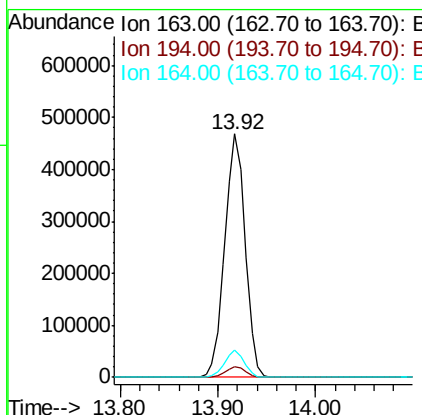
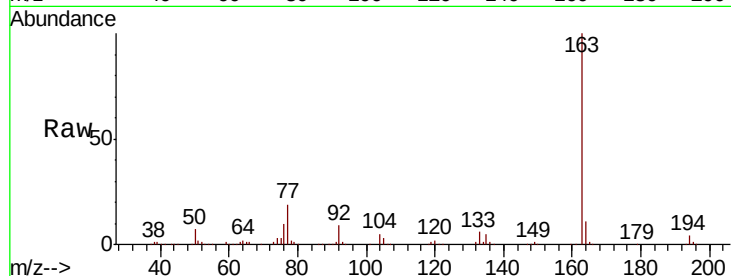
#50
Dimethylphthalate
Concen: 45.162 ng
RT: 13.92 min Scan# 1843
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	11.3	8.7	13.1

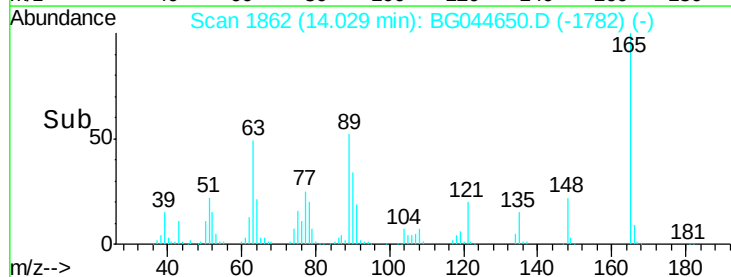
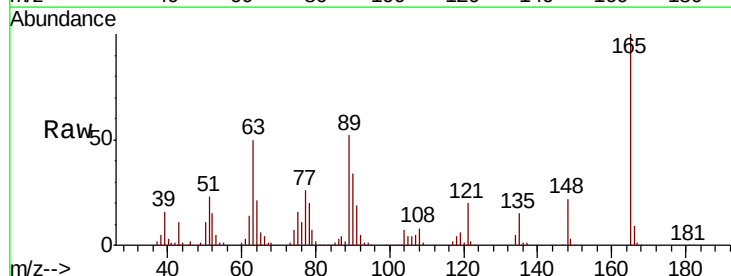
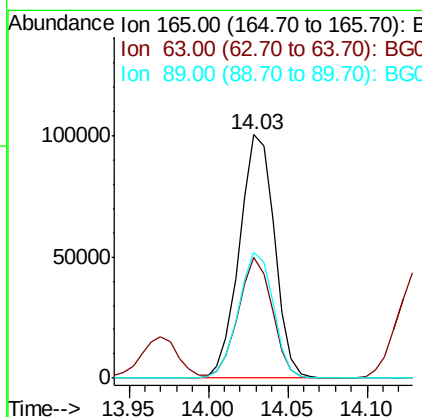
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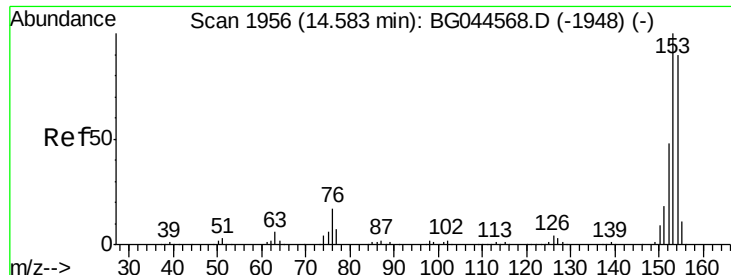
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#51
2,6-Dinitrotoluene
Concen: 46.624 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.7	35.8	53.6
89	51.8	38.7	58.1





#52

Acenaphthene

Concen: 44.124 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

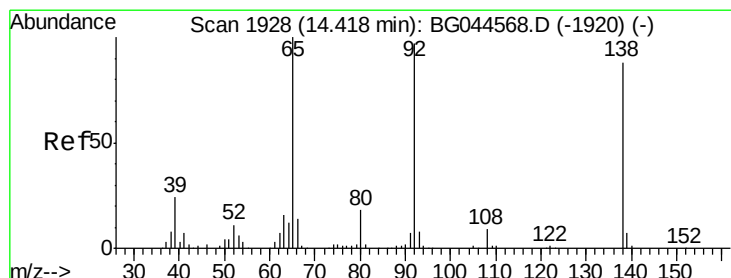
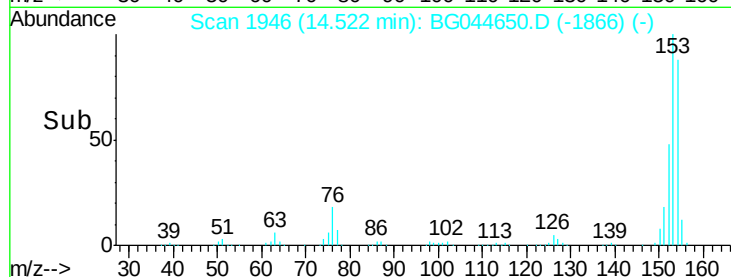
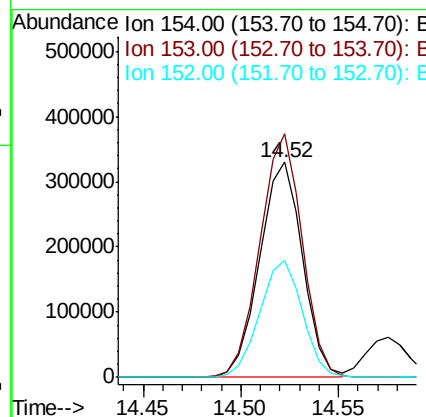
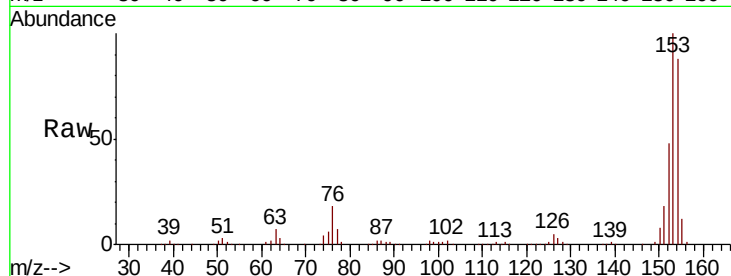
ClientSampled :

PB127195BS

Tot Ion:	154	Resp:	501410
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.4	134.0
152	54.5	43.0	64.4

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#53

3-Nitroaniline

Concen: 14.304 ng

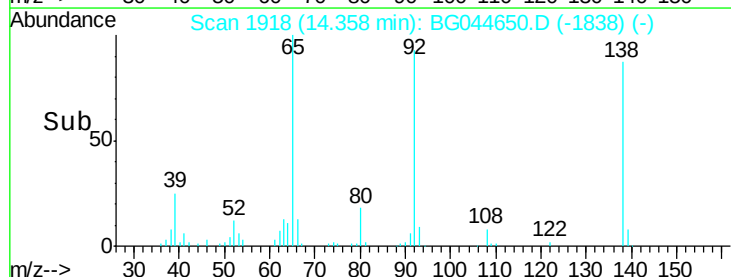
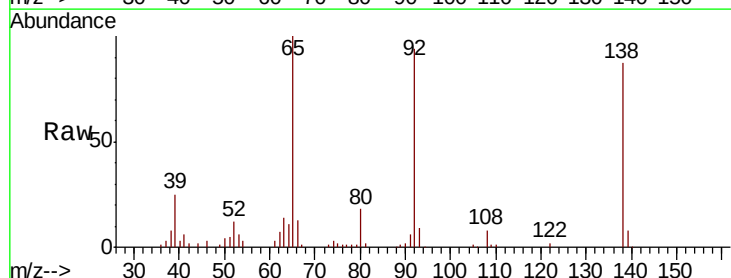
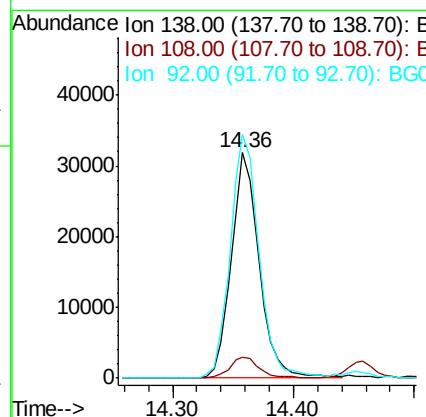
RT: 14.36 min Scan# 1918

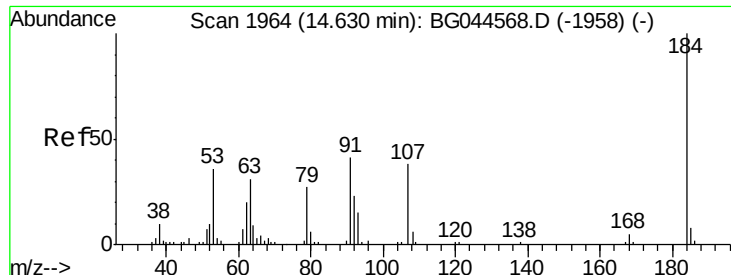
Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Tgt Ion:	138	Resp:	51106
Ion Ratio	Lower	Upper	
138	100		
108	9.0	7.9	11.9
92	108.0	87.4	131.2





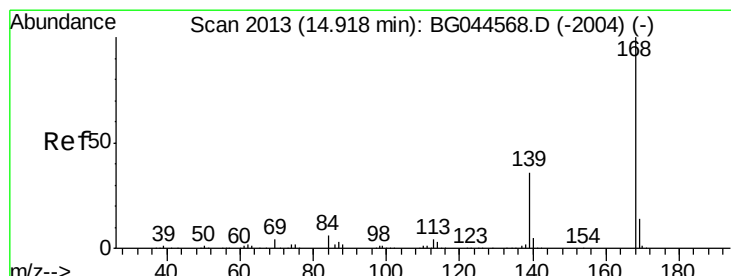
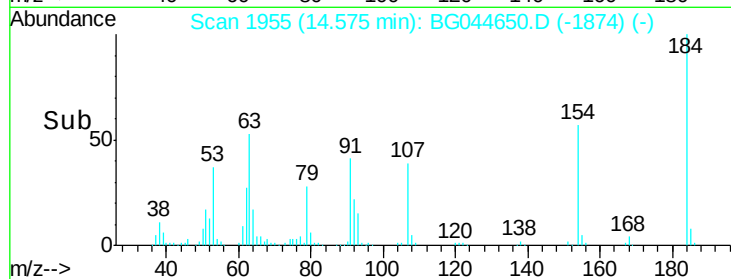
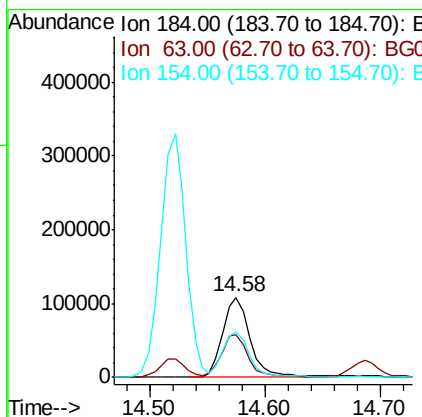
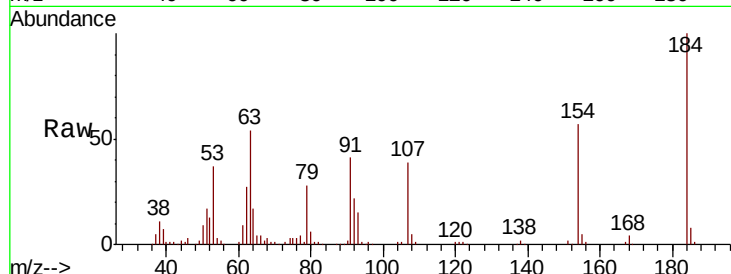
#54
 2,4-Dinitrophenol
 Concen: 89.991 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.05 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampleID :
 PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	180240		
63	53.8	42.1	63.1	
154	57.5	43.4	65.2	

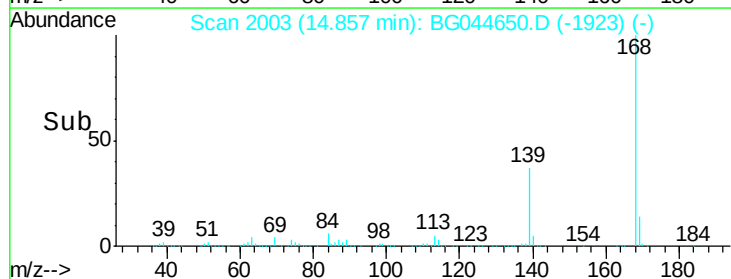
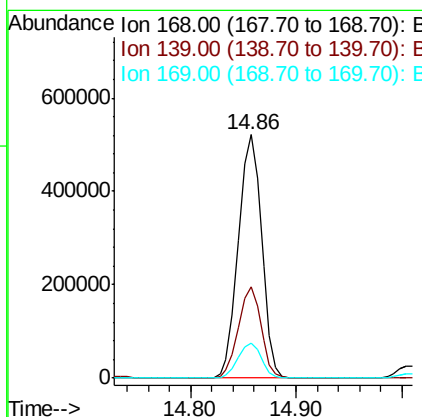
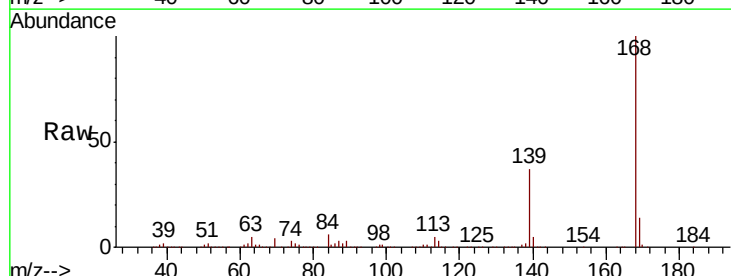
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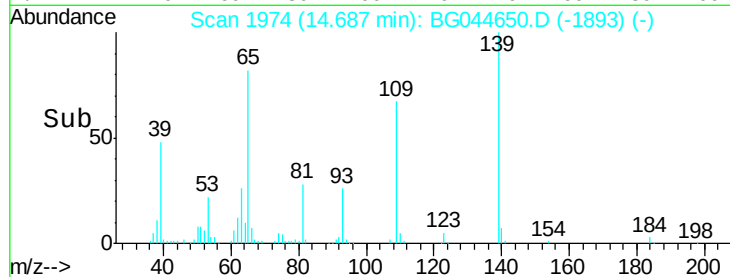
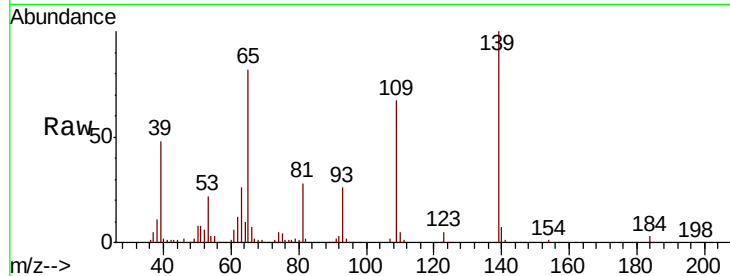
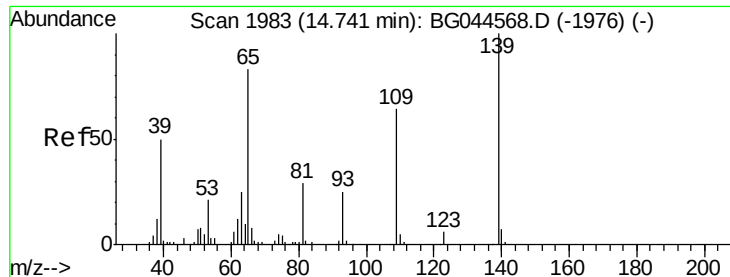
mohammad
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#55
 Dibenzofuran
 Concen: 45.663 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	795507		
139	37.2	29.2	43.8	
169	14.4	11.0	16.6	





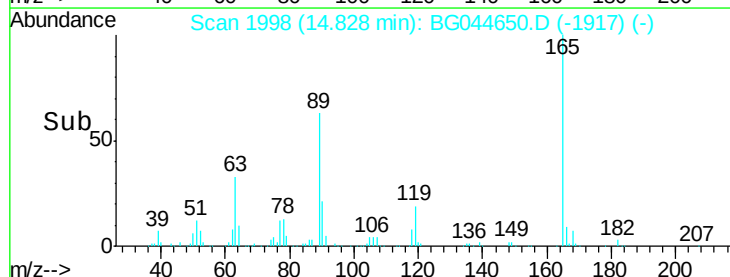
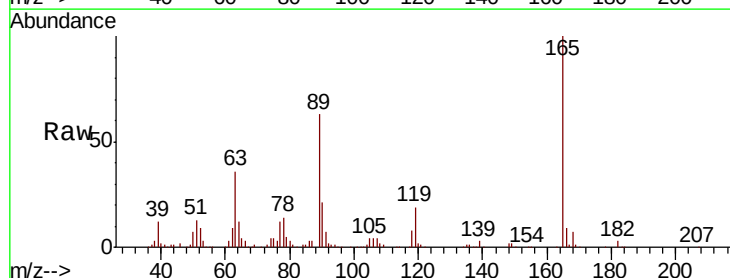
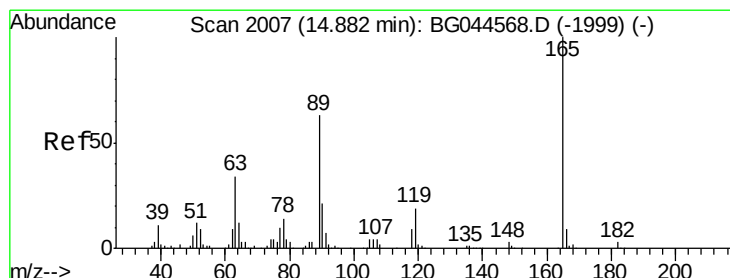
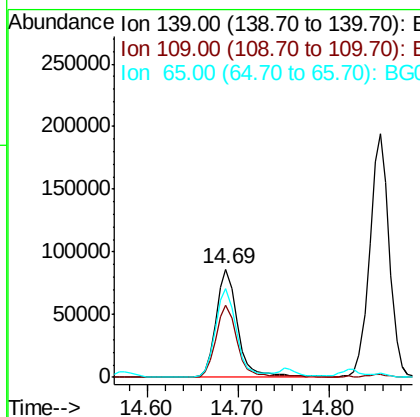
#56
4-Nitrophenol
Concen: 58.498 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	143766		
109	66.8	43.8	83.8	
65	82.0	63.6	103.6	

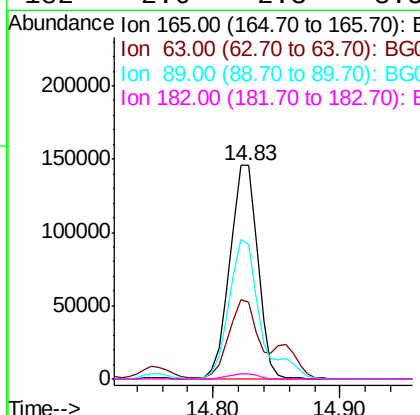
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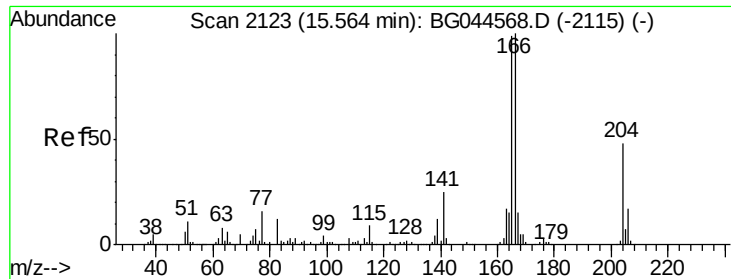
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#57
2,4-Dinitrotoluene
Concen: 47.396 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220752		
63	35.8	27.5	41.3	
89	62.7	50.0	75.0	
182	2.6	2.3	3.5	





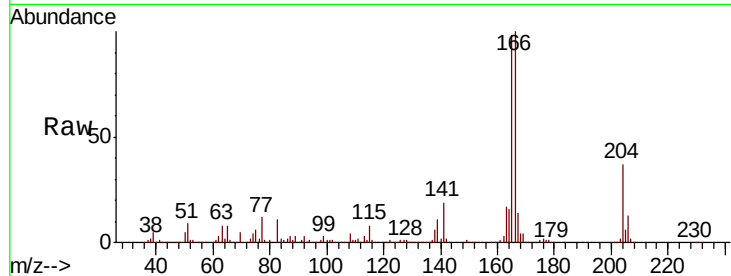
#58
 Fluorene
 Concen: 45.721 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.05 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampled :
 PB127195BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.2	118.8
167	14.2	11.7	17.5

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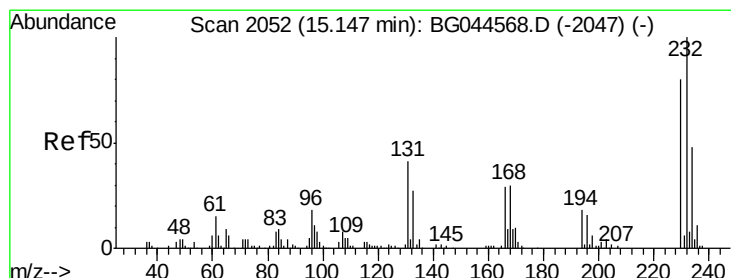
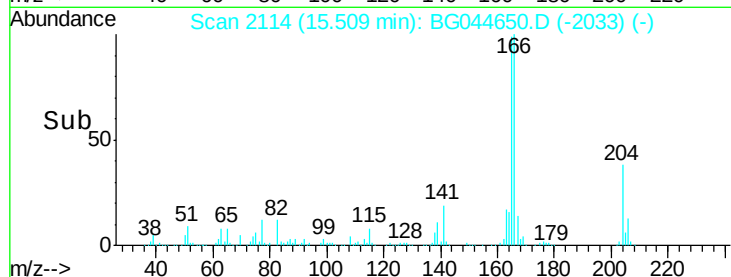
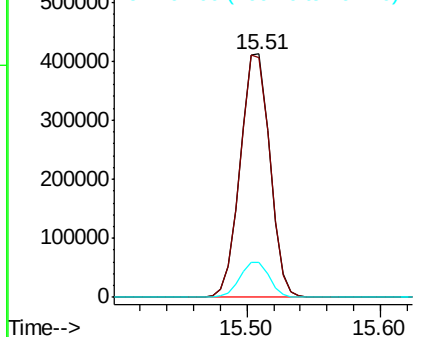


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.510 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.3	1.8	2.6
166	29.2	22.7	34.1

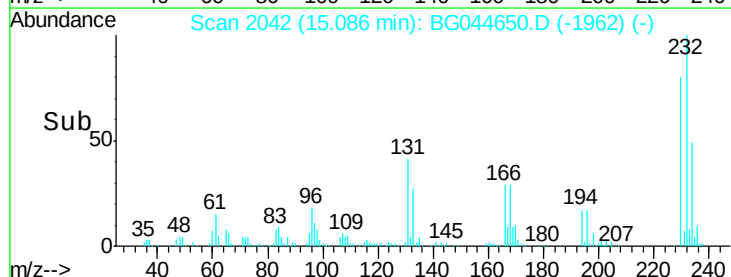
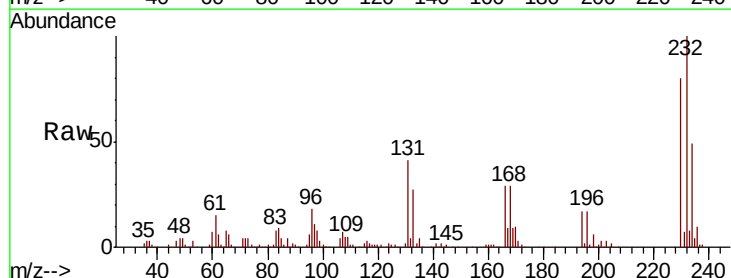
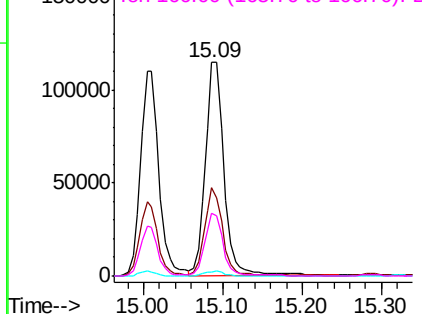
Abundance

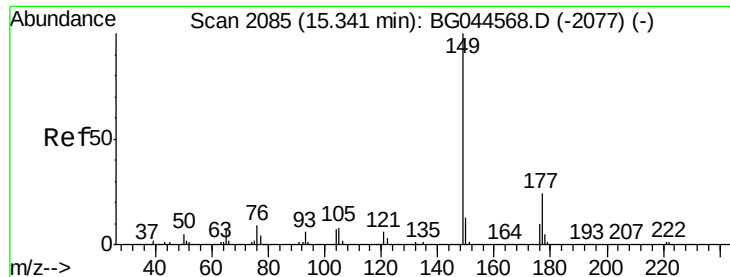
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





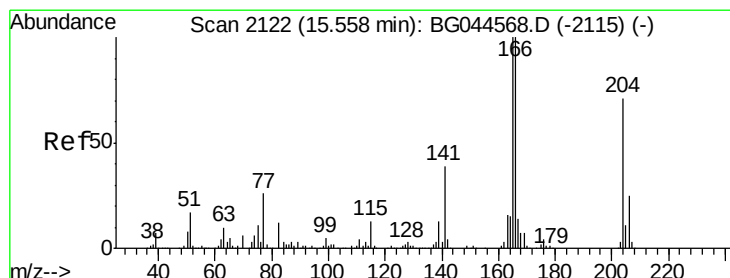
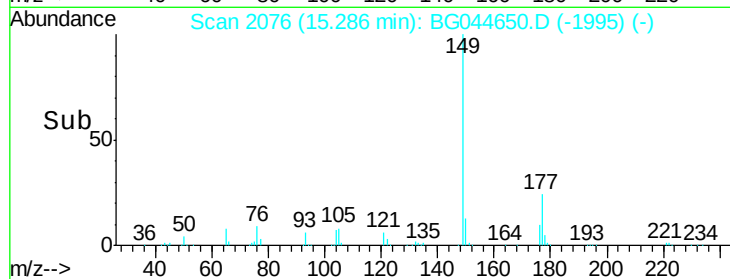
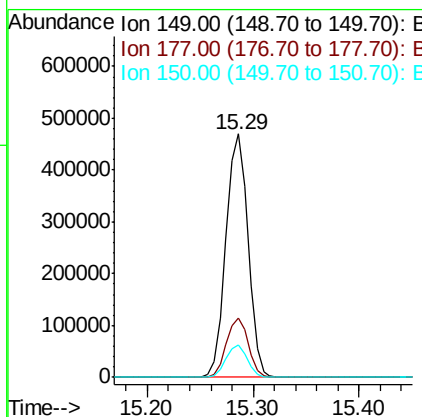
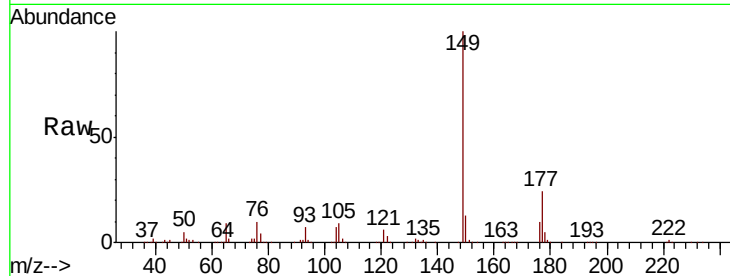
#60
Diethylphthalate
Concen: 45.485 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.2	28.8
150	13.2	10.2	15.4

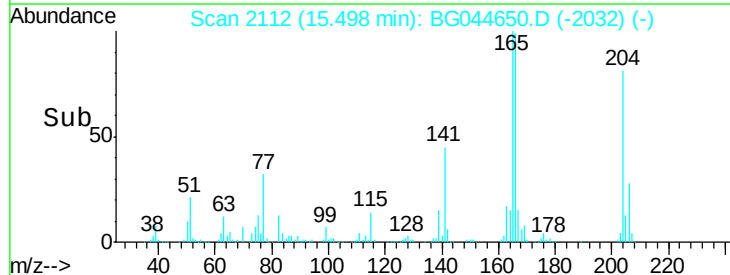
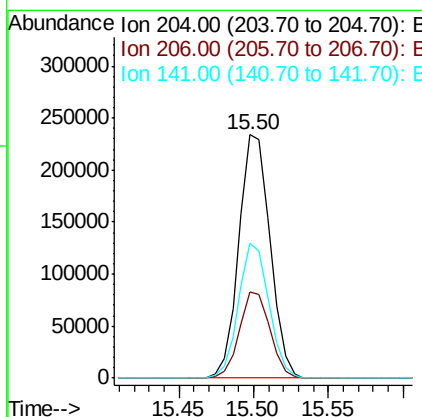
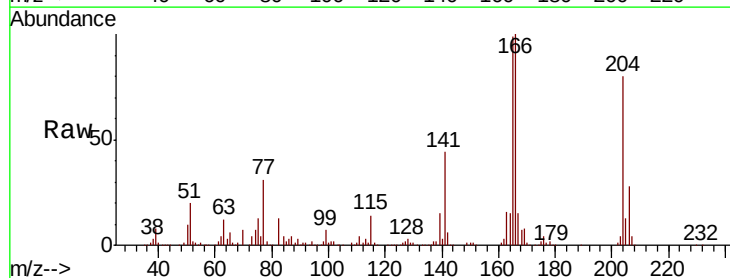
Manual Integrations
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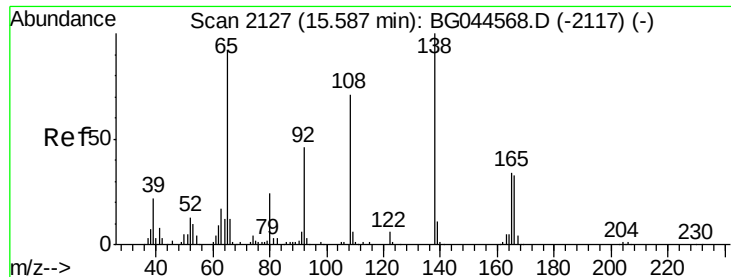
mohammad
3/3/2020 12:28:35 PM



#61
4-Chlorophenyl-phenylether
Concen: 45.210 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.8	41.8
141	55.4	43.8	65.8





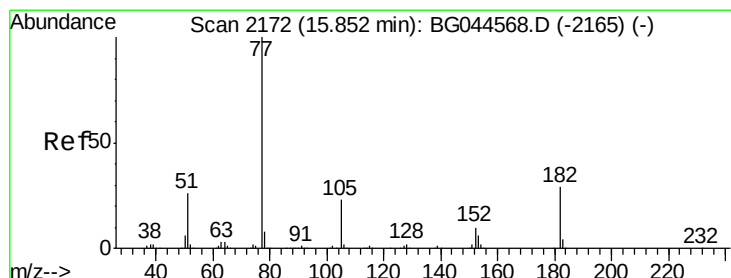
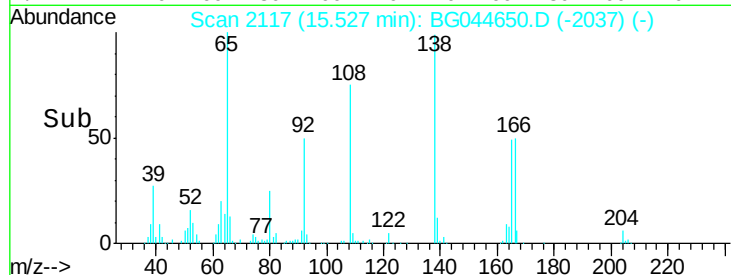
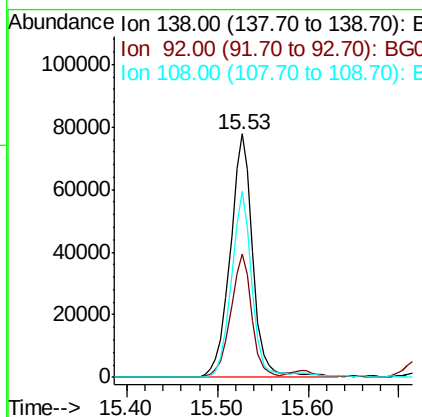
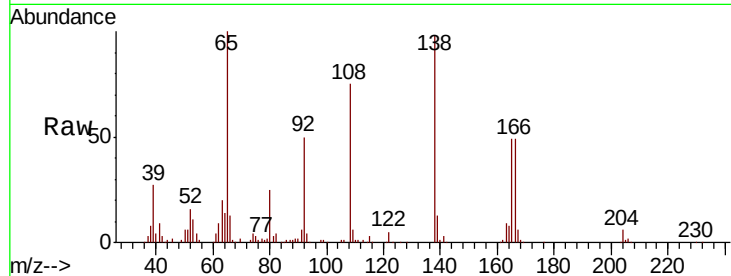
#62
4-Nitroaniline
Concen: 38.009 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	26.4	66.4
108	76.2	50.5	90.5

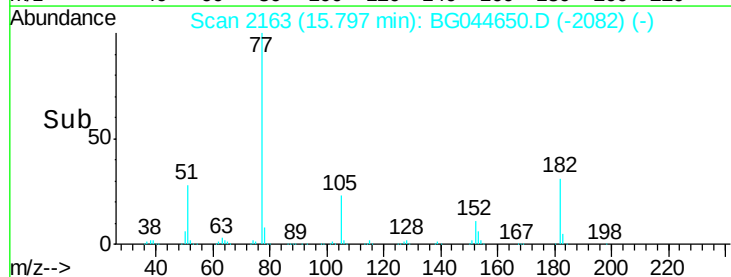
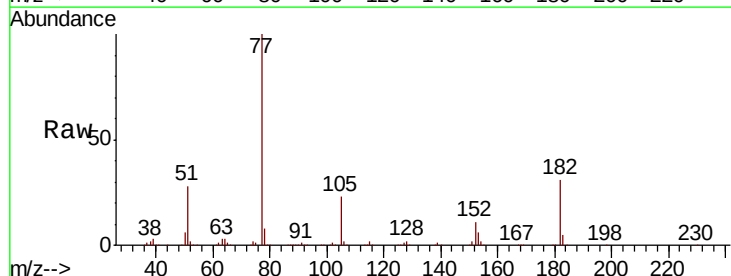
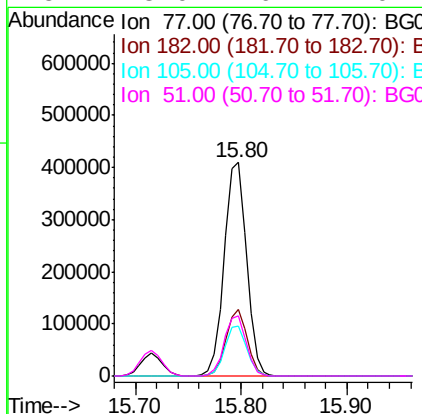
Manual Integrations
APPROVED

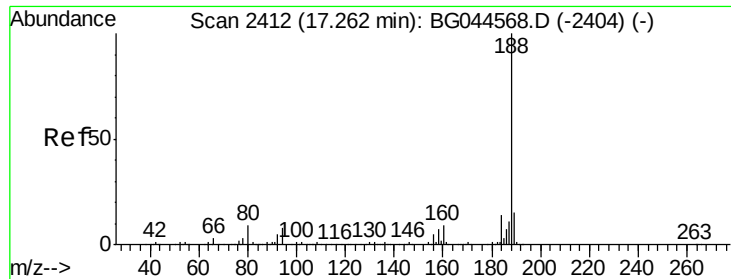
mohammad
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#63
Azobenzene
Concen: 47.215 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.1	9.4	49.4
105	23.2	3.4	43.4
51	28.0	6.4	46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2402

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

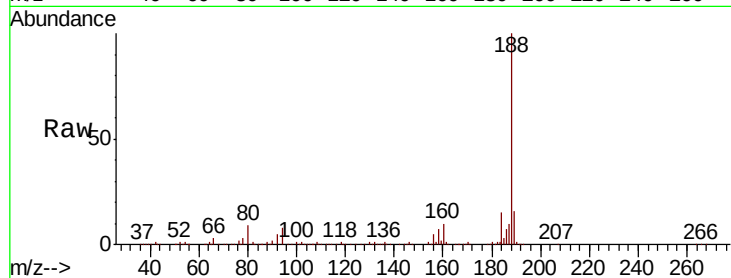
ClientSampled :

PB127195BS

Tot Ion:	188	Resp:	412040
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.7	10.1
80	9.3	7.6	11.4

Manual Integrations
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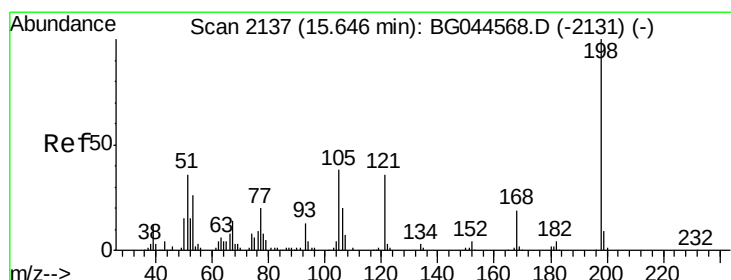
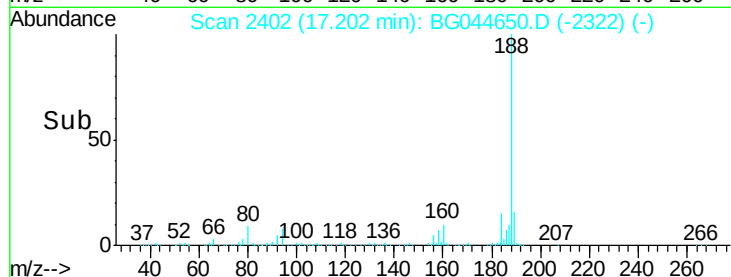
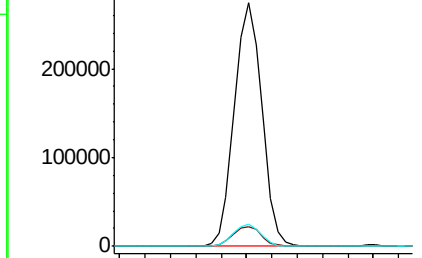
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 55.044 ng

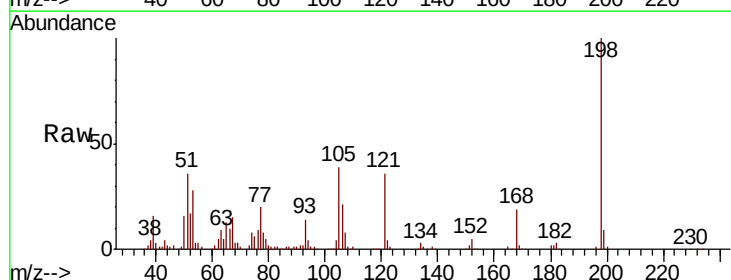
RT: 15.59 min Scan# 2128

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

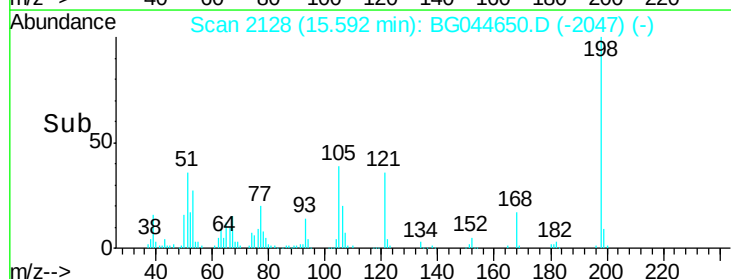
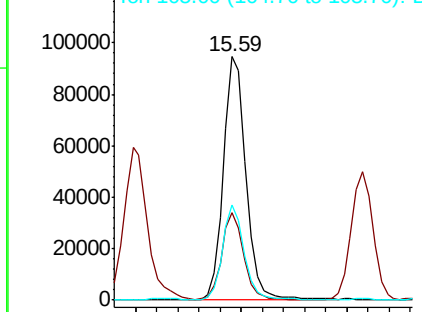
Tgt Ion:	198	Resp:	140435
Ion Ratio	Lower	Upper	
198	100		
51	36.1	17.0	57.0
105	39.0	18.4	58.4

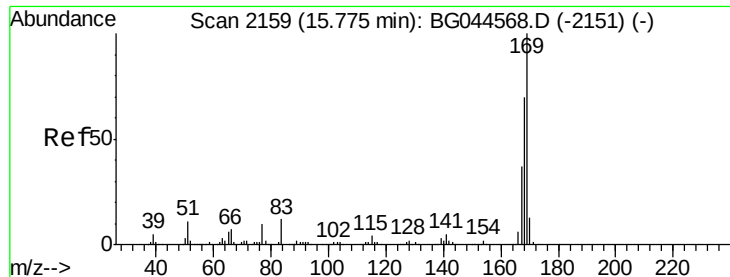


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





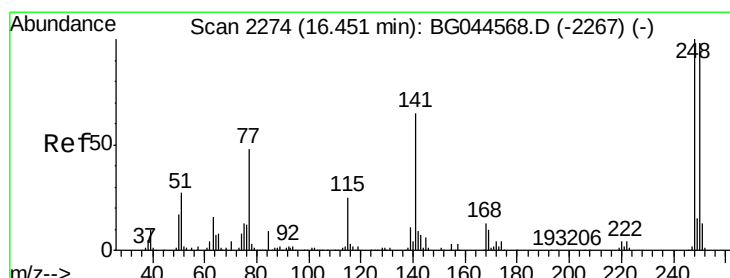
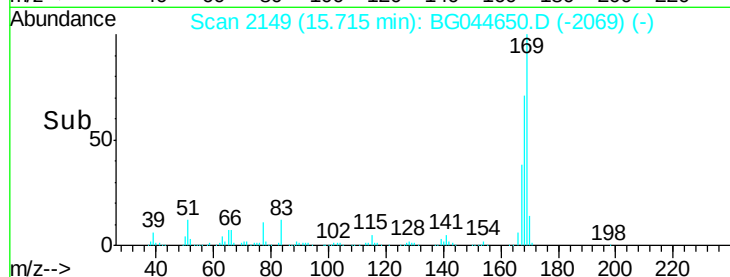
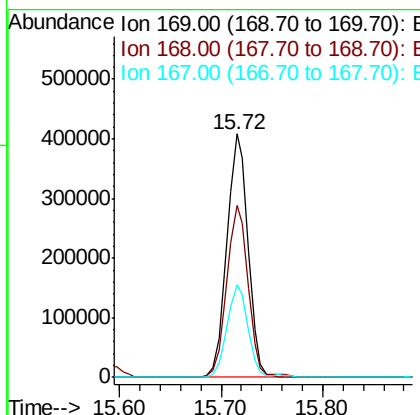
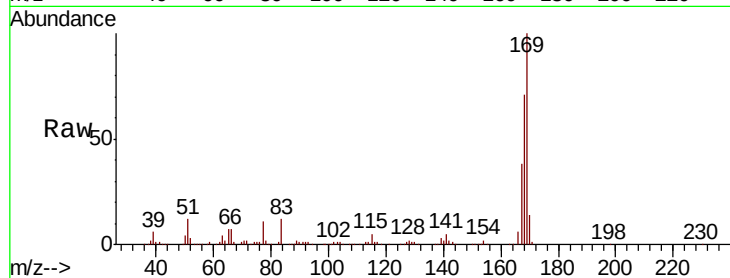
#66
 n-Nitrosodiphenylamine
 Concen: 45.877 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampled :
 PB127195BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.8	56.1	84.1
167	38.1	29.4	44.0

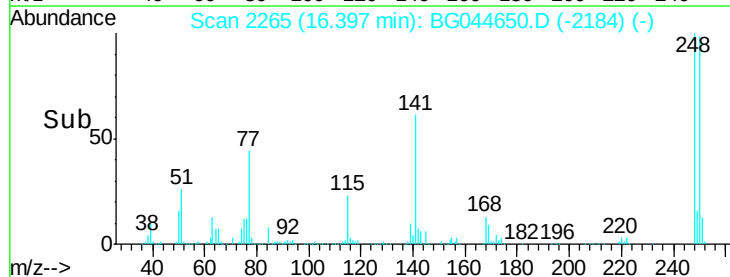
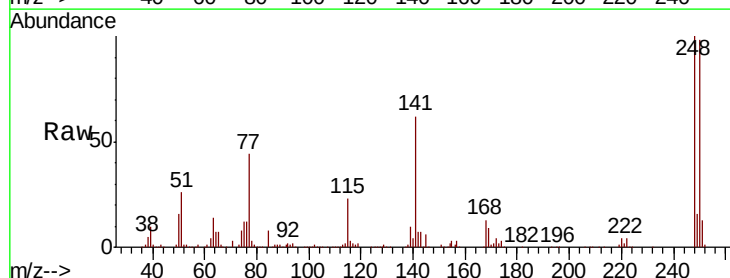
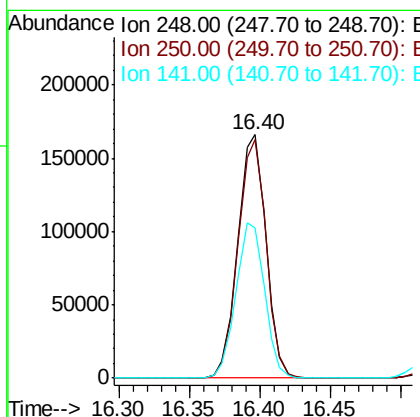
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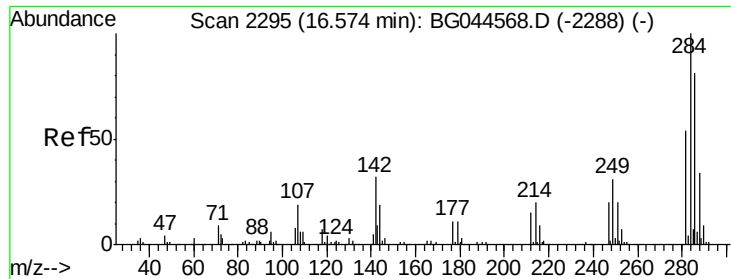
mohammad
 3/3/2020 12:28:35 PM



#67
 4-Bromophenyl-phenylether
 Concen: 45.459 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.7	118.1
141	61.8	52.3	78.5





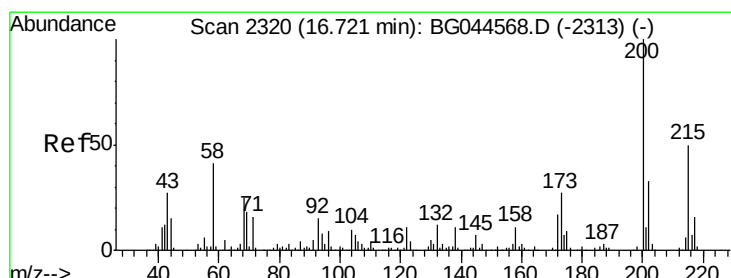
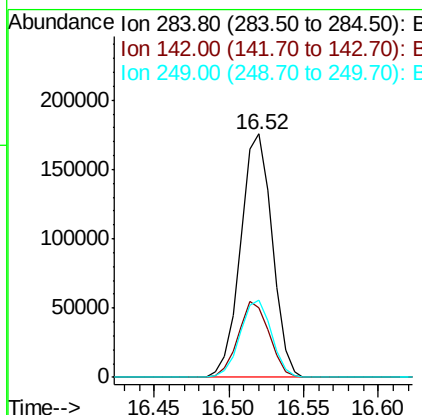
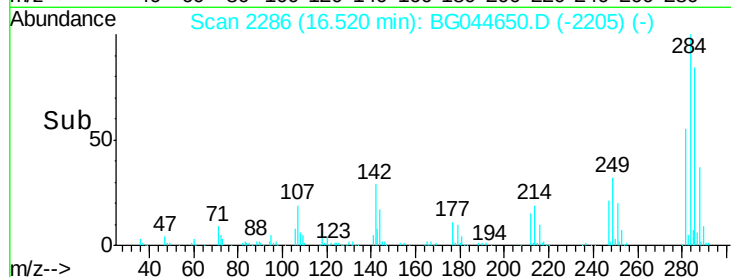
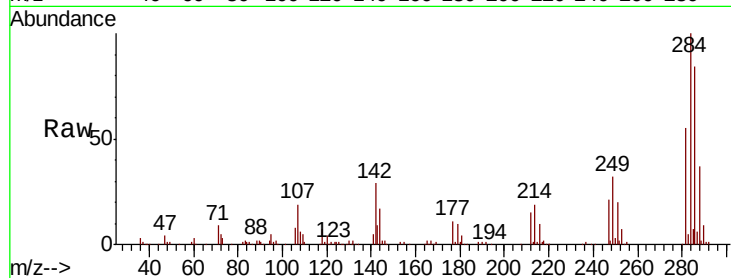
#68
Hexachlorobenzene
Concen: 44.441 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion:	284	Resp:	256985
Ion Ratio	Lower	Upper	
284	100		
142	28.8	25.6	38.4
249	31.7	24.6	36.8

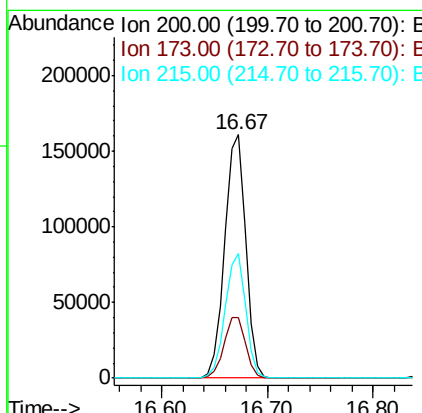
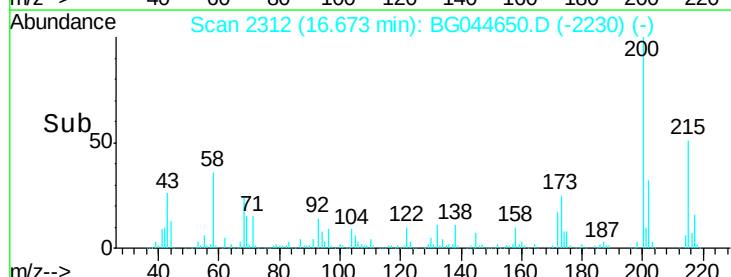
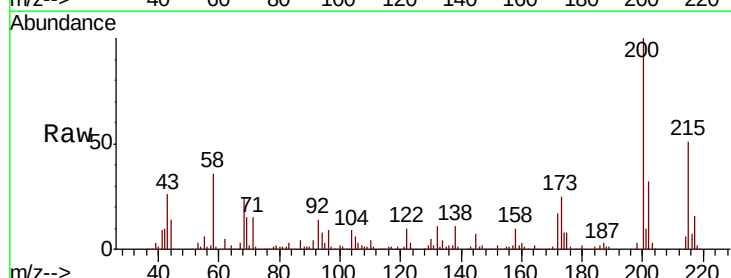
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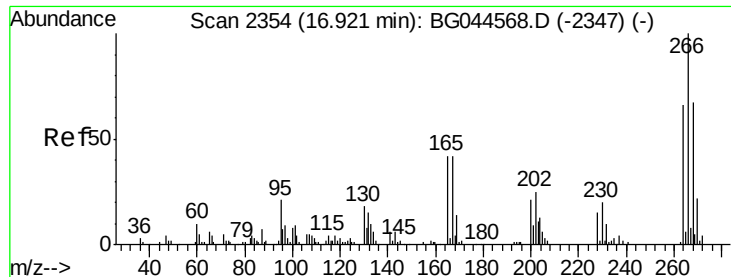
mohammad
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#69
Atrazine
Concen: 46.724 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion:	200	Resp:	222009
Ion Ratio	Lower	Upper	
200	100		
173	25.0	6.6	46.6
215	51.4	30.3	70.3





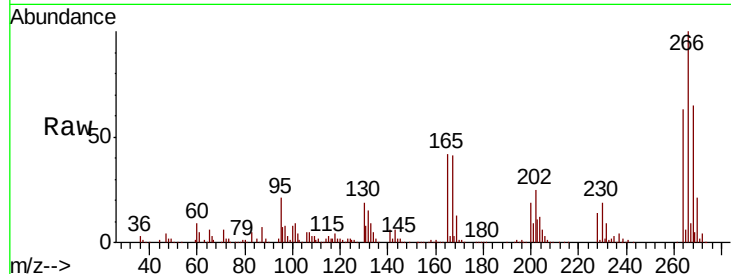
#70
 Pentachlorophenol
 Concen: 91.198 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Instrument :
 BNA_G
 ClientSampled :
 PB127195BS

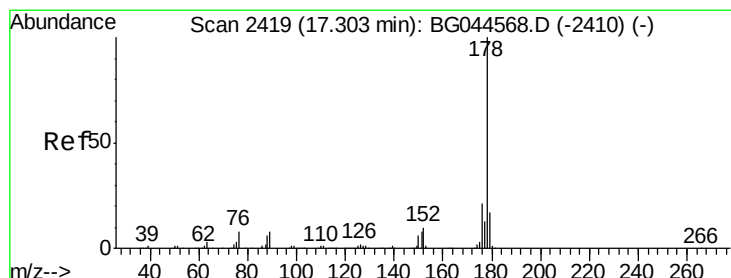
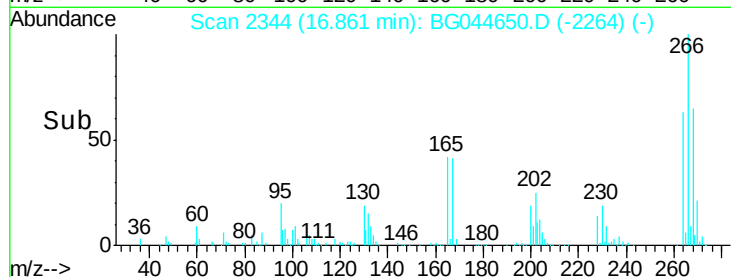
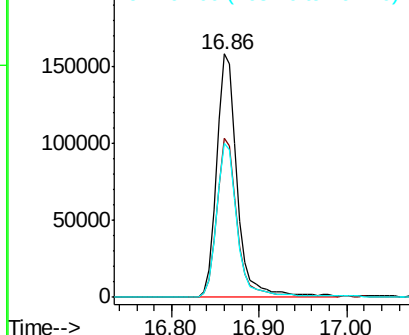
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.4	80.0
264	63.1	53.0	79.4

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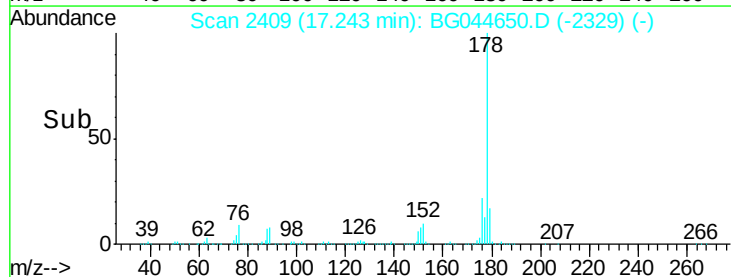
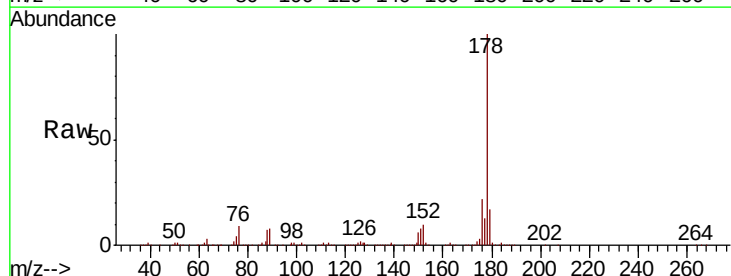
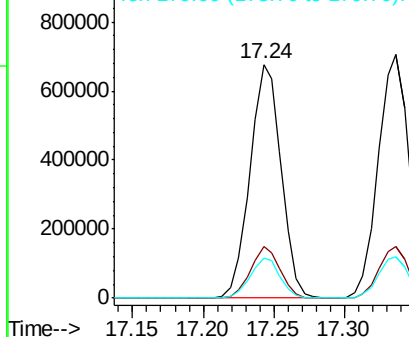
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

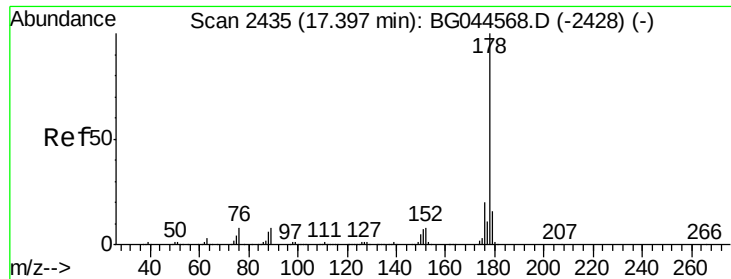


#71
 Phenanthrene
 Concen: 45.901 ng
 RT: 17.24 min Scan# 2409
 Delta R.T. -0.06 min
 Lab File: BG044650.D
 Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.6	25.0
179	17.2	13.3	19.9

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.604 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampled :

PB127195BS

Tot Ion:178 Resp: 1070178

Ion Ratio Lower Upper

178 100

176 21.1 15.9 23.9

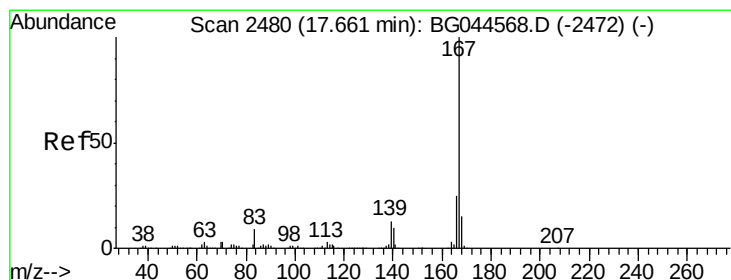
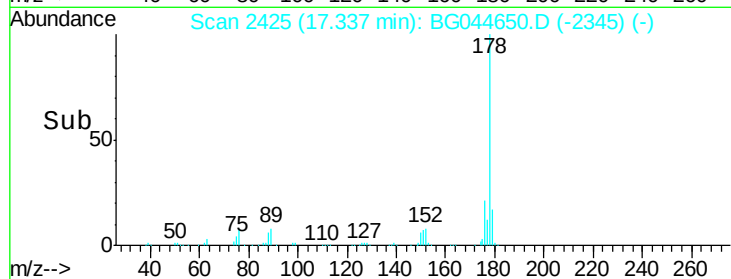
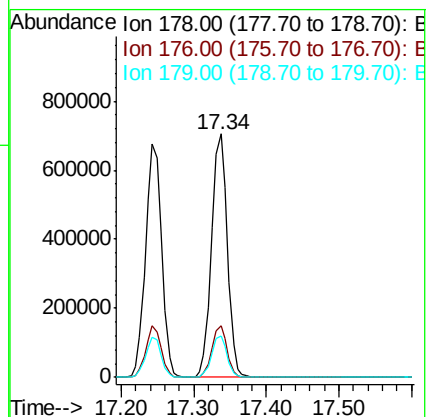
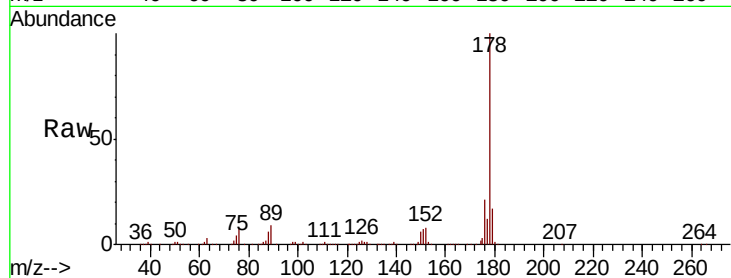
179 17.1 13.1 19.7

Manual Integrations

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#73

Carbazole

Concen: 46.525 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

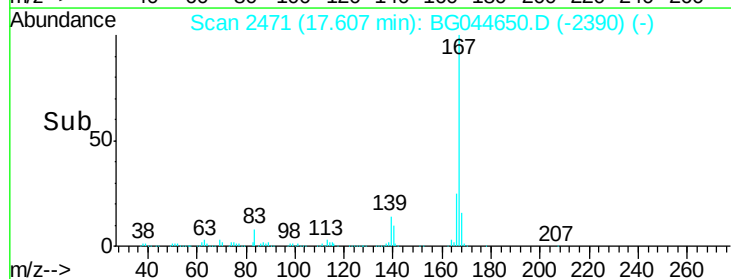
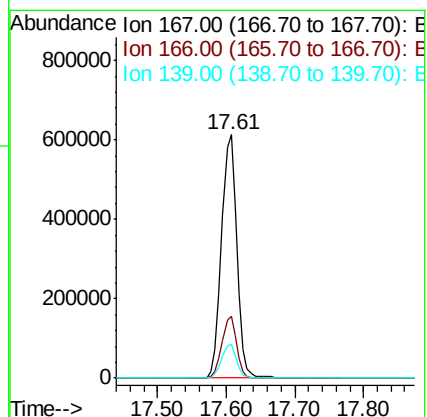
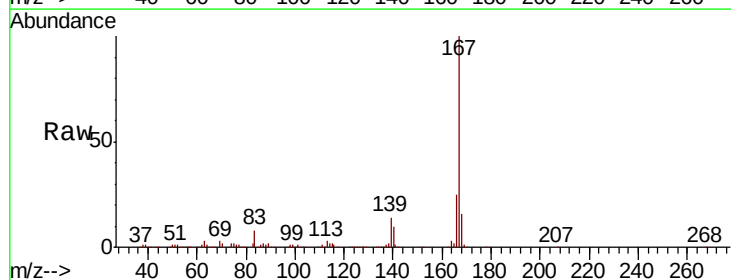
Tgt Ion:167 Resp: 952028

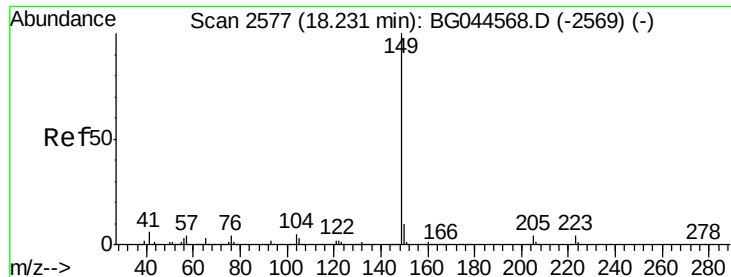
Ion Ratio Lower Upper

167 100

166 25.2 19.7 29.5

139 13.8 10.6 15.8





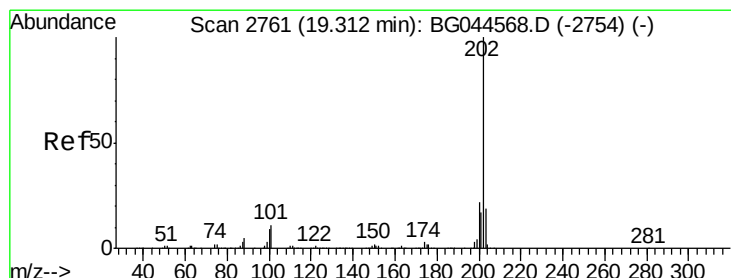
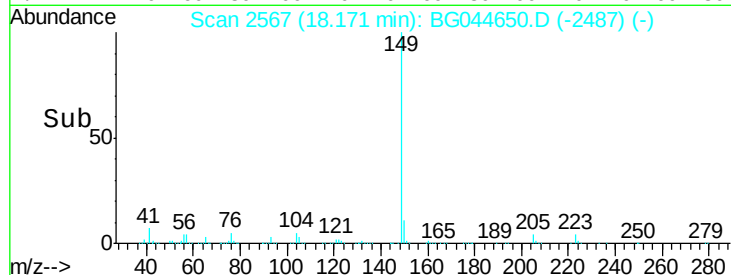
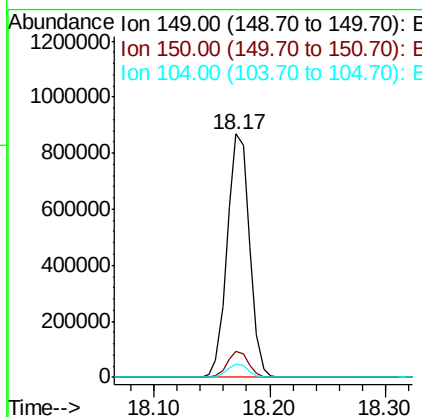
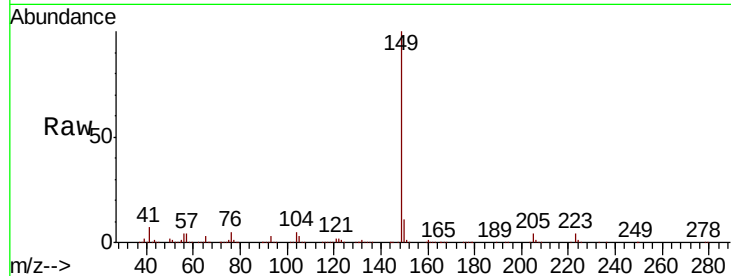
#74
Di-n-butylphthalate
Concen: 45.172 ng
RT: 18.17 min Scan# 2567
Delta R.T. -0.06 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.8	11.8
104	5.4	4.0	6.0

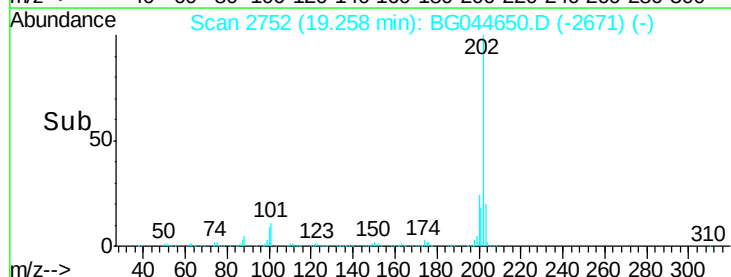
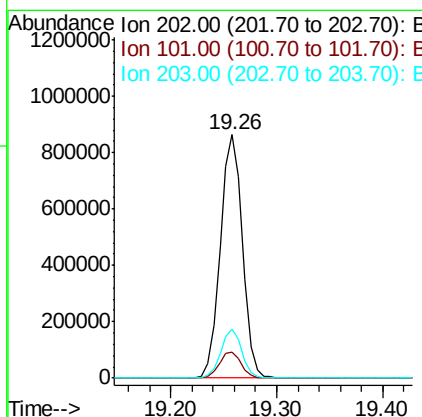
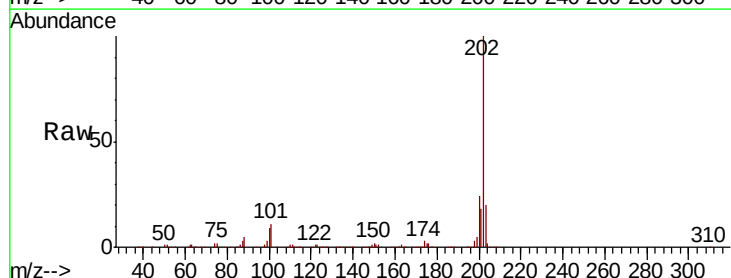
Manual Integrations
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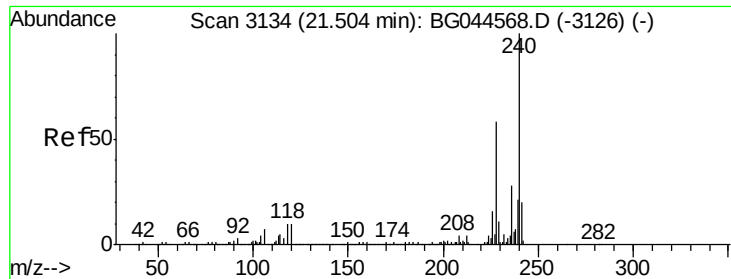
mohammad
3/3/2020 12:28:35 PM



#75
Fluoranthene
Concen: 46.424 ng
RT: 19.26 min Scan# 2752
Delta R.T. -0.05 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	20.1	0.0	39.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.07 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

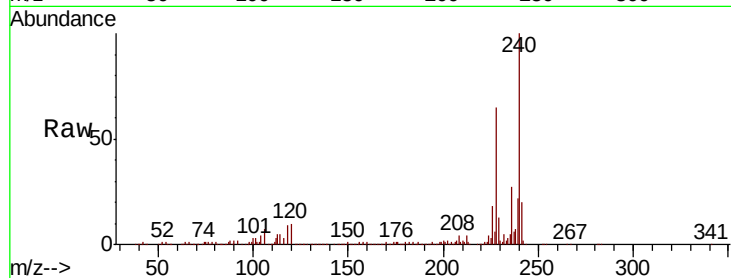
ClientSampleId :

PB127195BS

Tot Ion:	240	Resp:	376162
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.3	12.5
236	27.5	22.3	33.5

Manual Integrations
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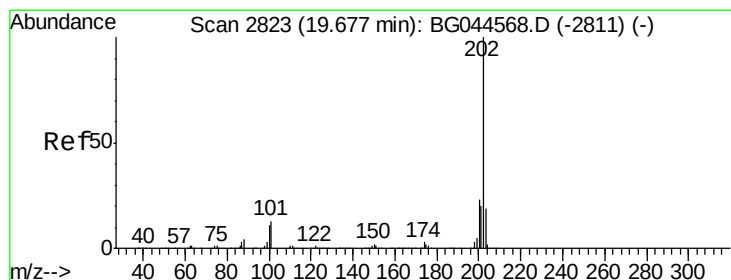
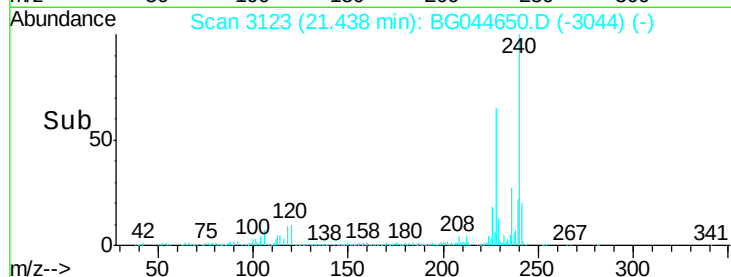
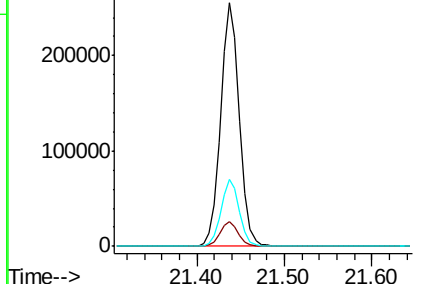
mohammad
3/3/2020 12:28:35 PM



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



#78

Pyrene

Concen: 46.358 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.06 min

Lab File: BG044650.D

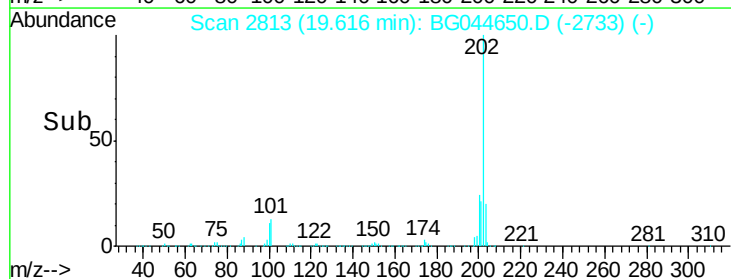
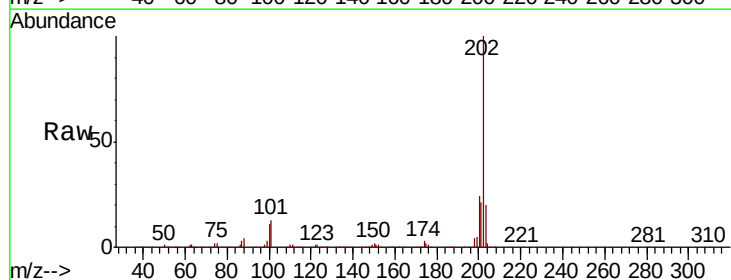
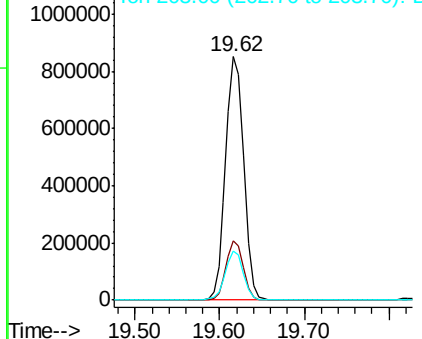
Acq: 3 Mar 2020 3:42

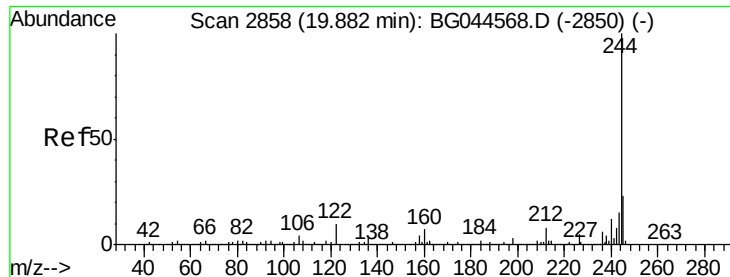
Tgt Ion:	202	Resp:	1265852
Ion Ratio	Lower	Upper	
202	100		
200	24.5	18.6	28.0
203	20.2	15.3	22.9

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.353 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

Instrument :

BNA_G

ClientSampleId :

PB127195BS

Tot Ion:244 Resp: 1715883

Ion Ratio Lower Upper

244 100

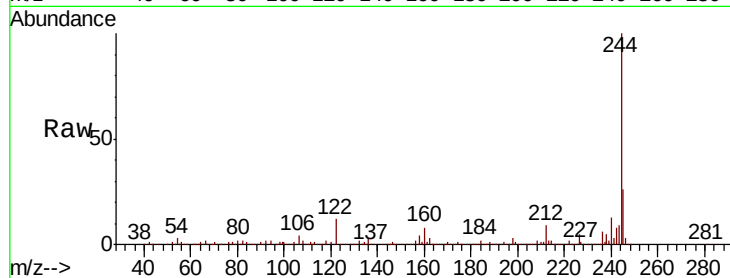
212 9.0 6.5 9.7

122 11.9 8.2 12.4

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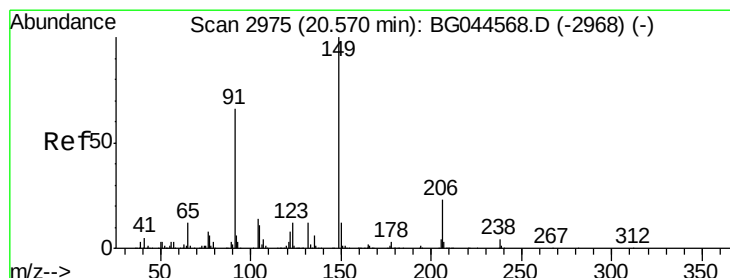
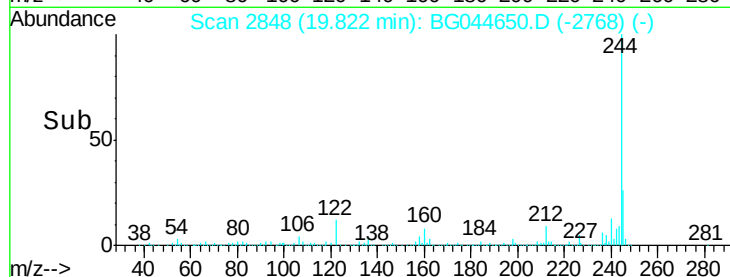
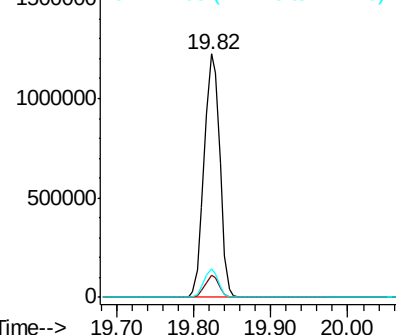
3/3/2020 12:28:35 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.468 ng

RT: 20.52 min Scan# 2966

Delta R.T. -0.05 min

Lab File: BG044650.D

Acq: 3 Mar 2020 3:42

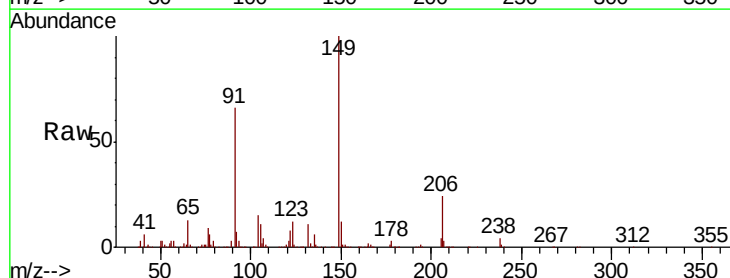
Tgt Ion:149 Resp: 531128

Ion Ratio Lower Upper

149 100

91 66.5 52.7 79.1

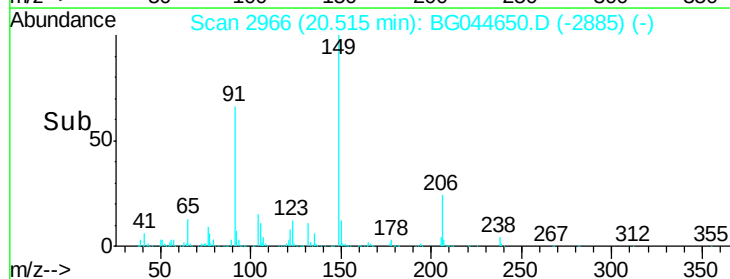
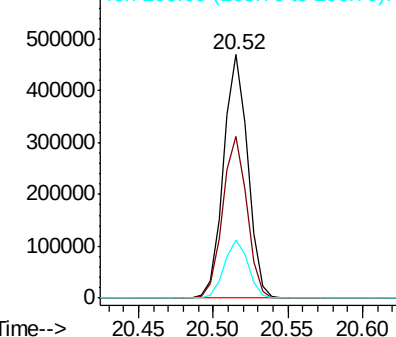
206 24.0 18.6 28.0

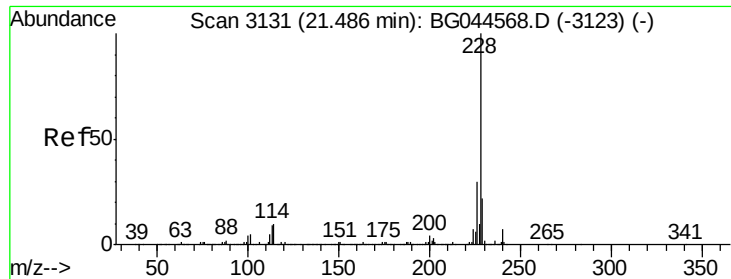


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





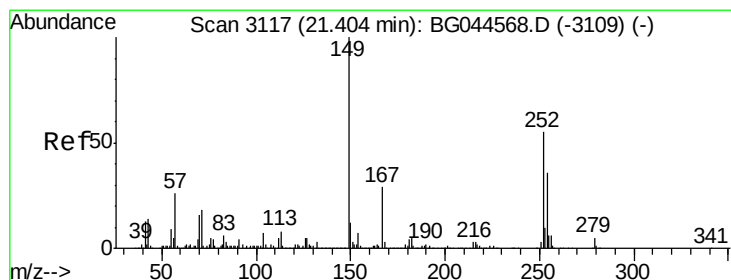
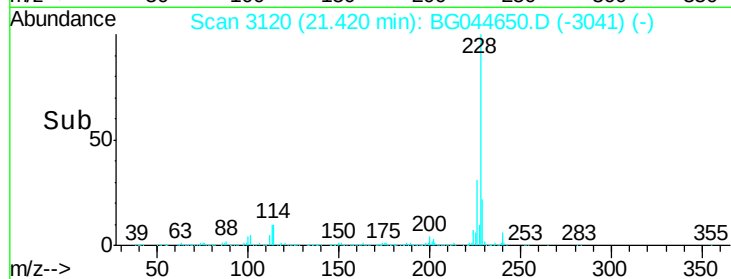
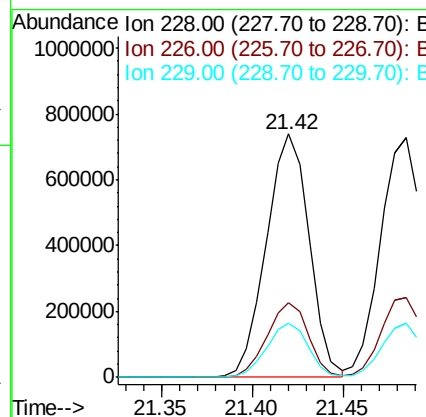
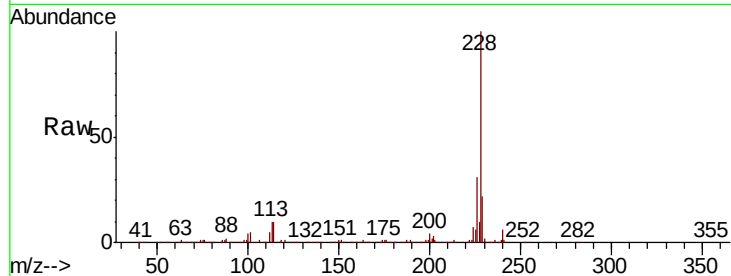
#81
Benzo(a)anthracene
Concen: 45.986 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.8
229	22.5	17.2	25.8

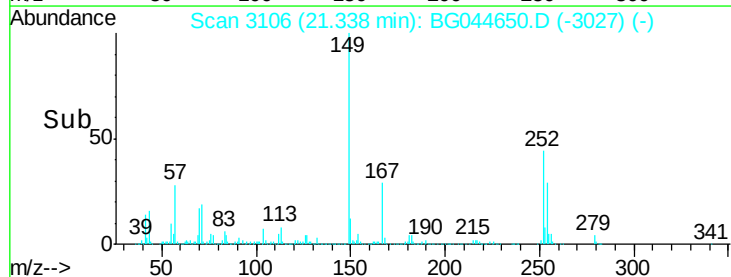
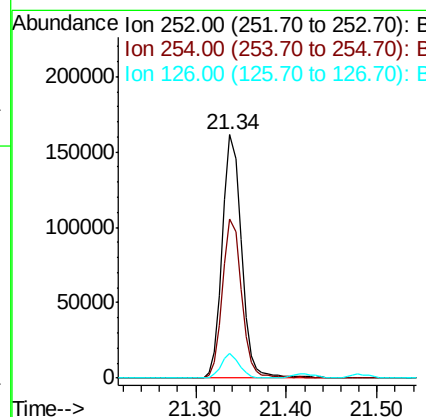
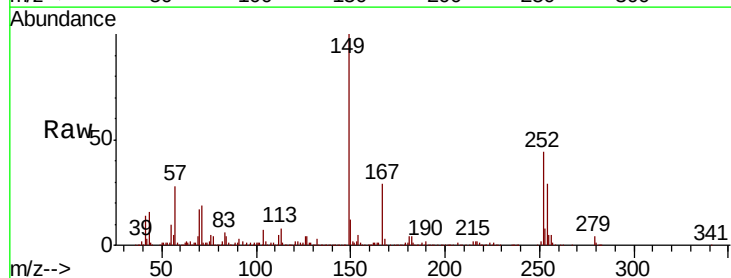
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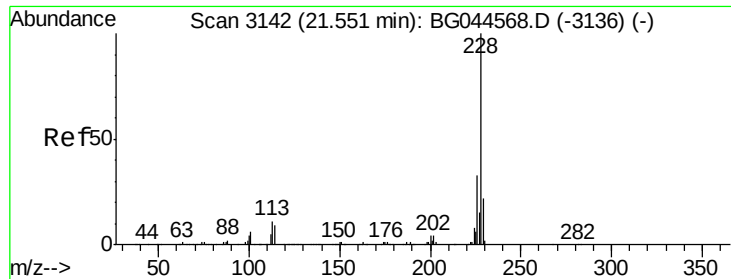
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.761 ng
RT: 21.34 min Scan# 3106
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	9.9	7.8	11.6





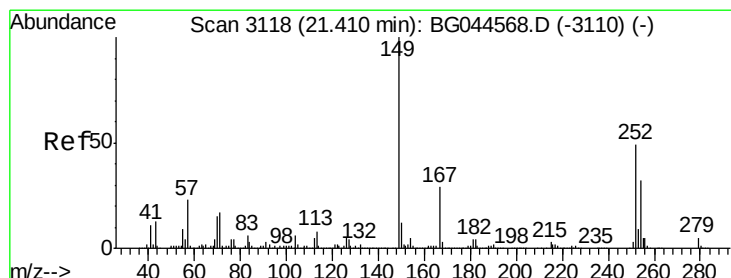
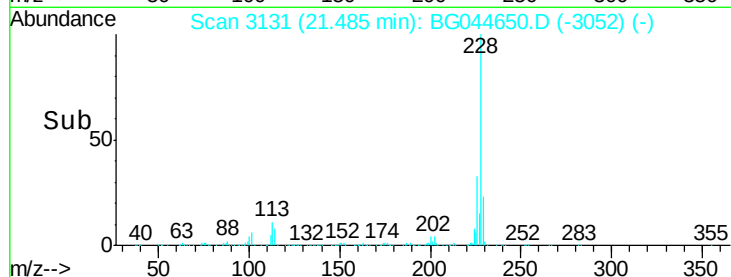
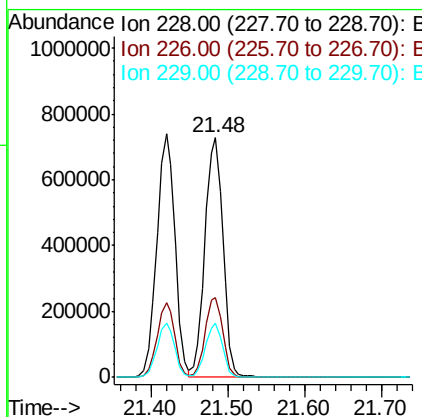
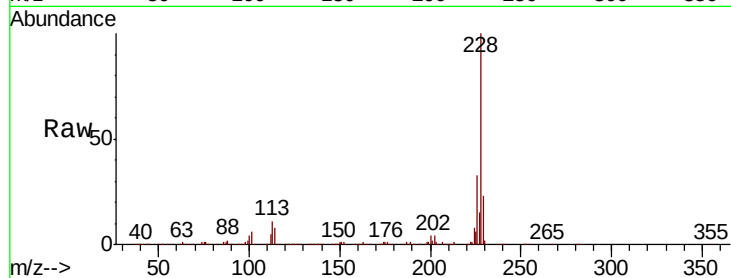
#83
Chrysene
Concen: 46.010 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampled :
PB127195BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.1	39.1
229	22.5	17.2	25.8

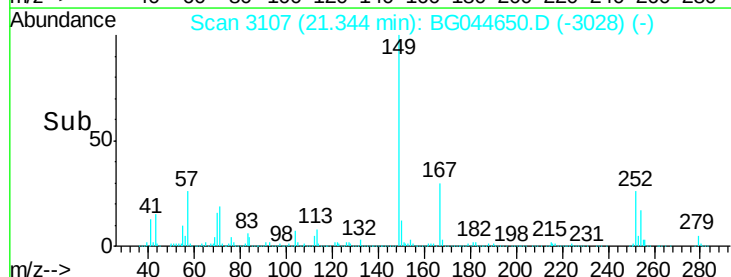
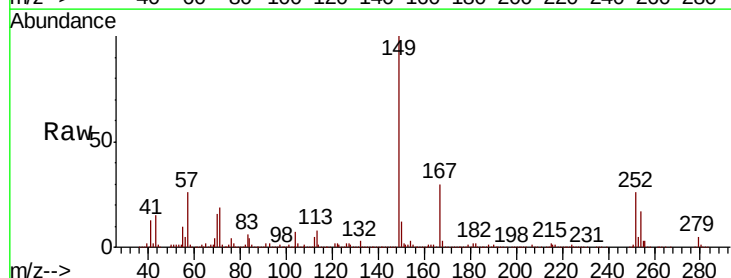
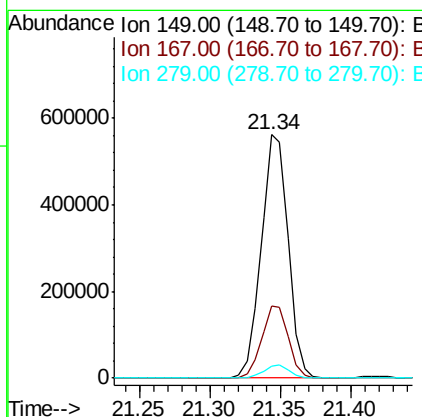
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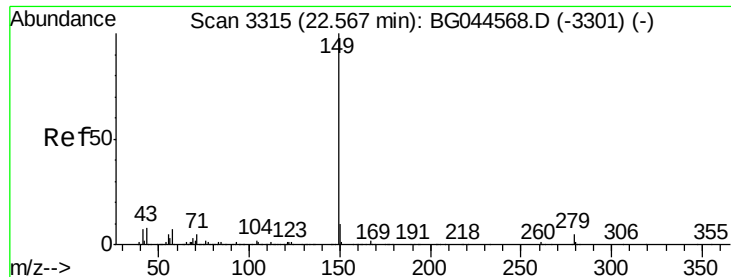
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.835 ng
RT: 21.34 min Scan# 3107
Delta R.T. -0.07 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	4.8	4.2	6.4





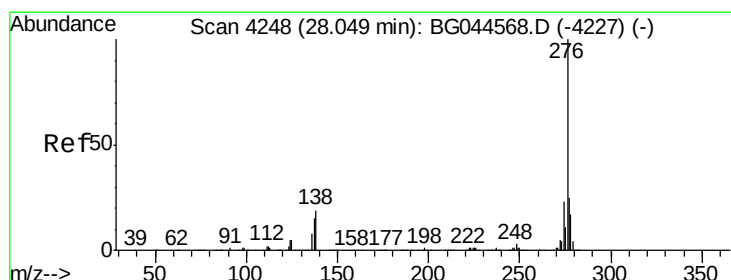
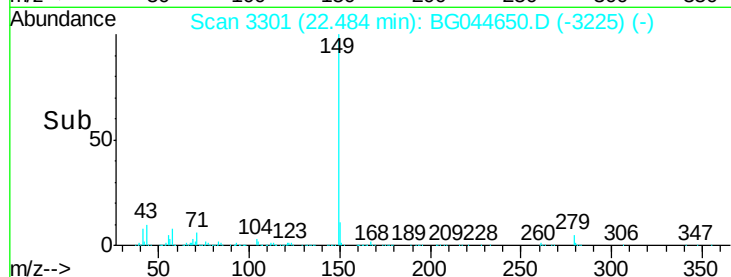
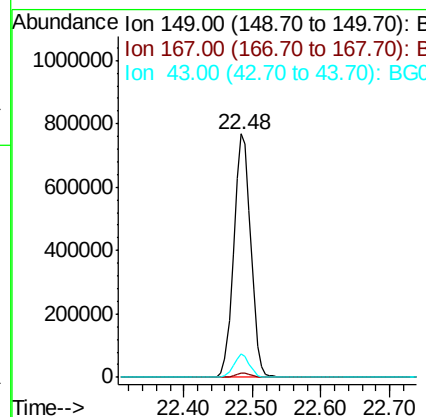
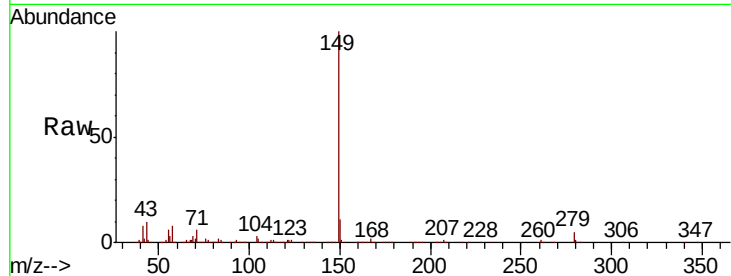
#85
Di-n-octyl phthalate
Concen: 45.627 ng
RT: 22.48 min Scan# 3301
Delta R.T. -0.08 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	6.6	10.0

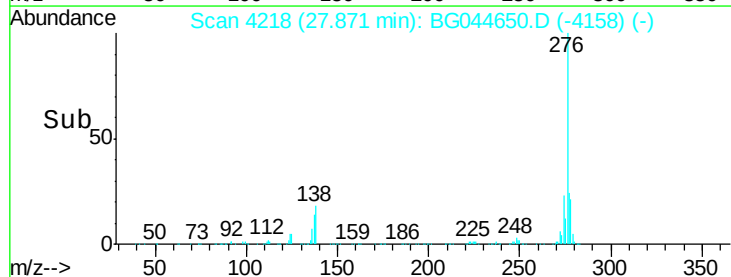
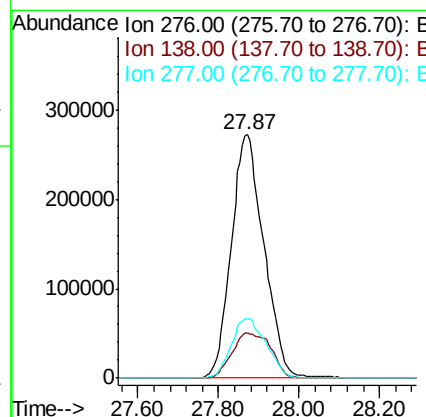
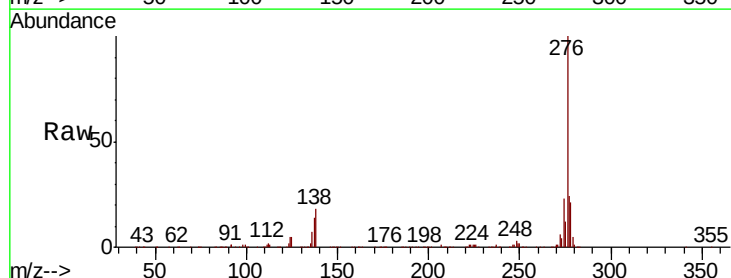
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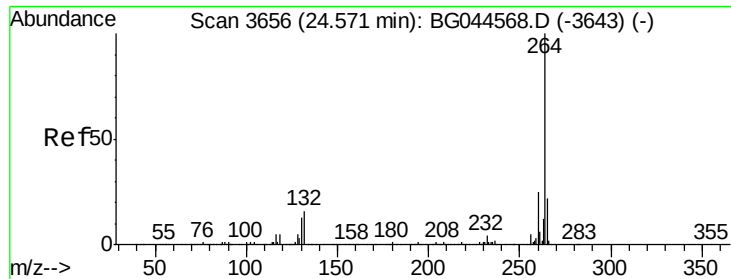
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.555 ng
RT: 27.87 min Scan# 4218
Delta R.T. -0.18 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.2	27.4
277	26.2	20.7	31.1





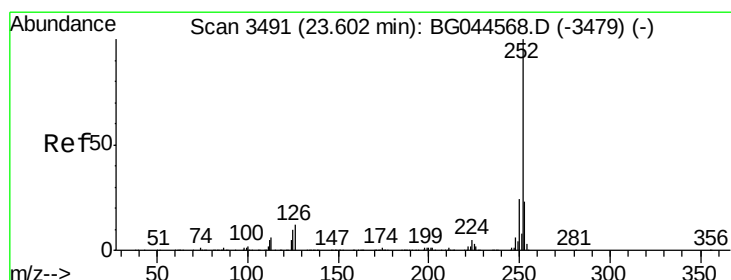
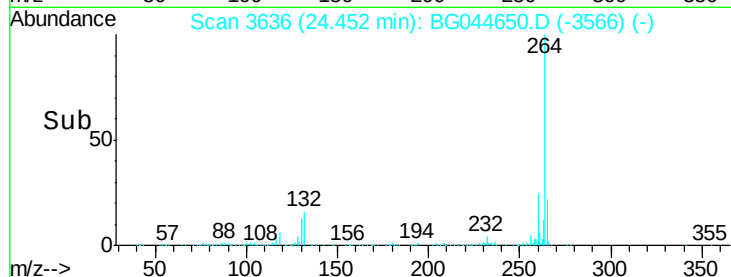
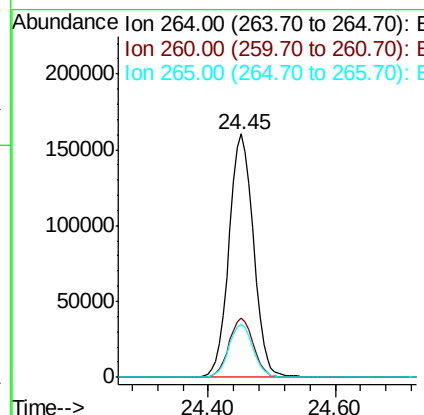
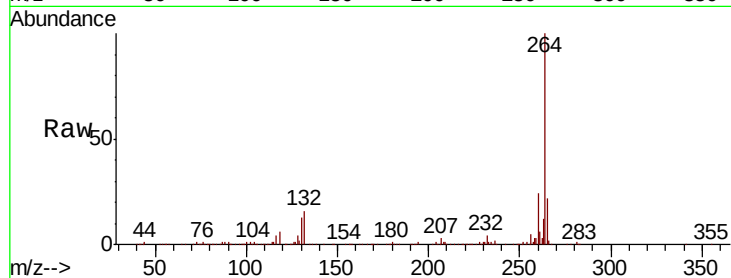
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.6	17.8	26.8

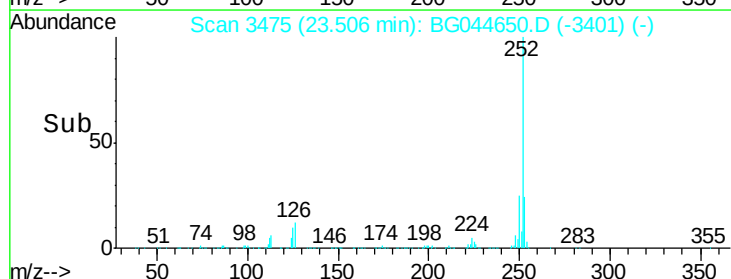
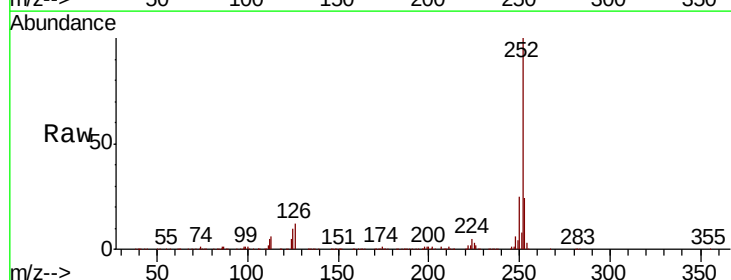
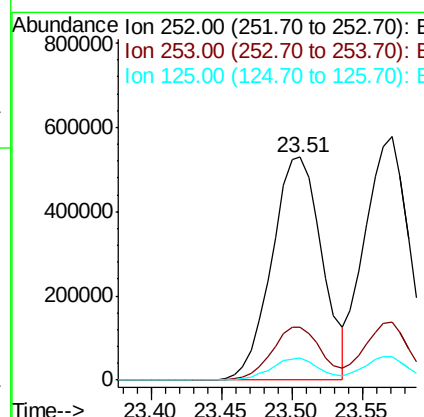
Manual Integrations
APPROVED

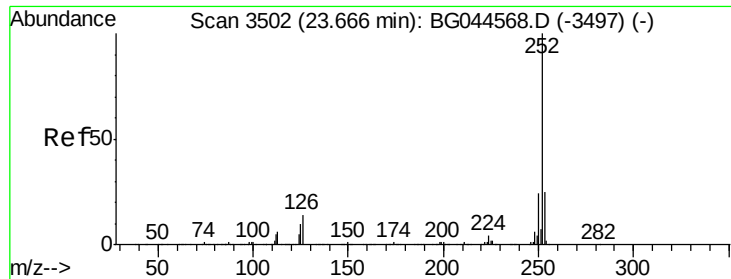
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.483 ng
RT: 23.51 min Scan# 3475
Delta R.T. -0.10 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	9.8	7.9	11.9





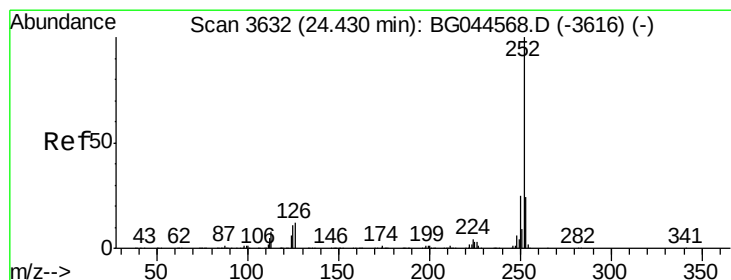
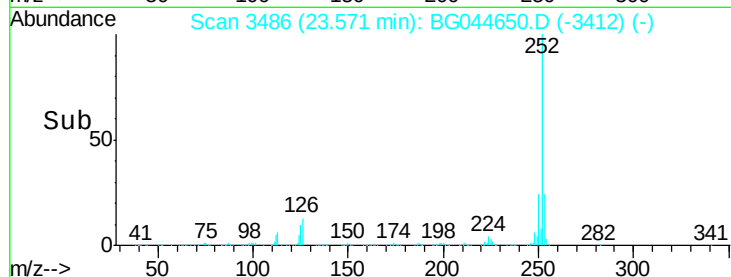
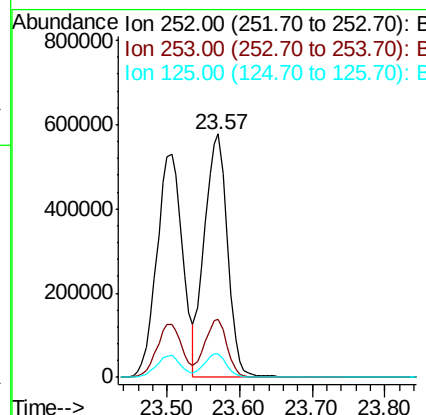
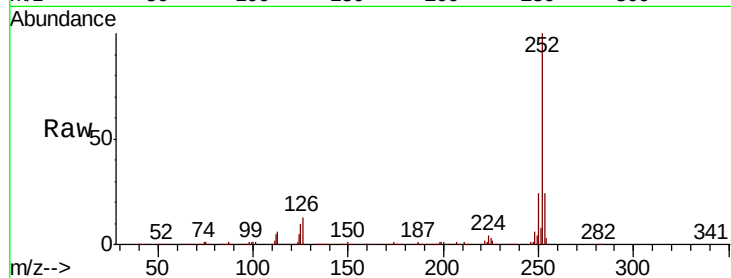
#89
Benzo(k)fluoranthene
Concen: 46.368 ng
RT: 23.57 min Scan# 3486
Delta R.T. -0.10 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	9.6	7.8	11.8

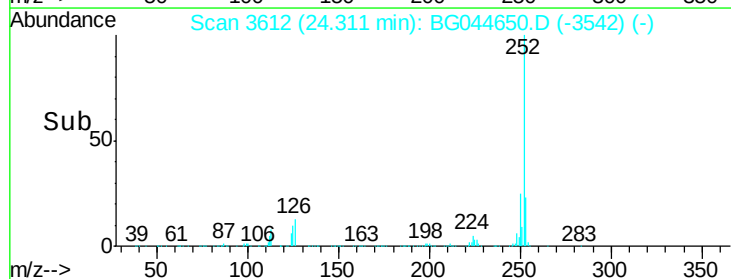
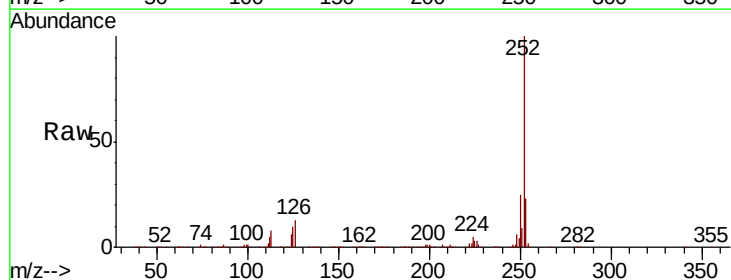
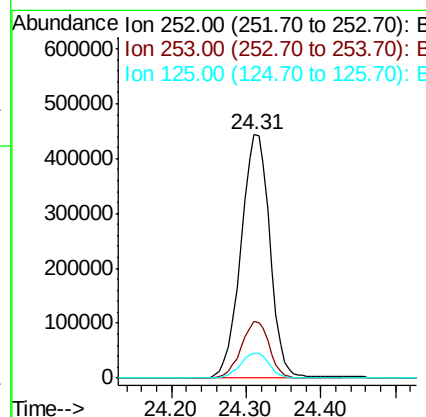
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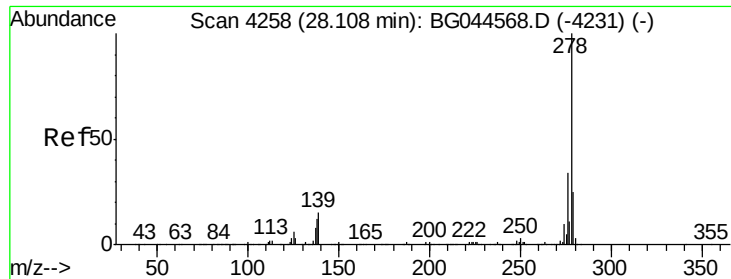
mohammad
3/3/2020 12:28:35 PM



#90
Benzo(a)pyrene
Concen: 44.935 ng
RT: 24.31 min Scan# 3612
Delta R.T. -0.12 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.4
125	10.3	8.5	12.7





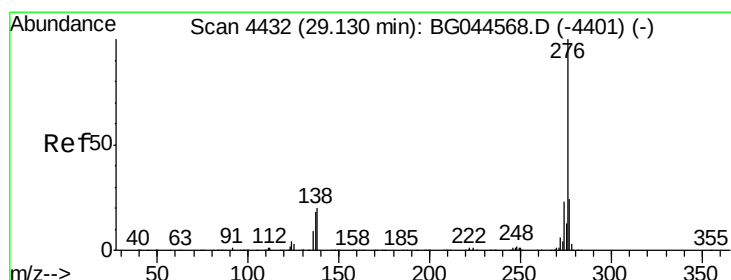
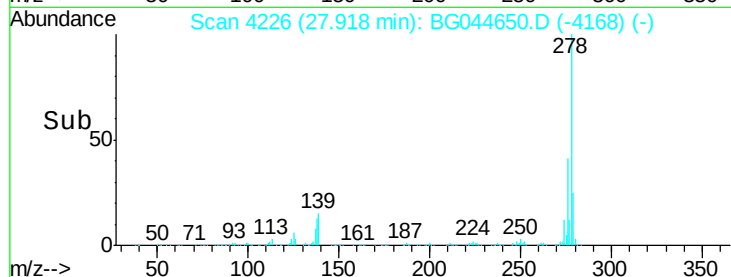
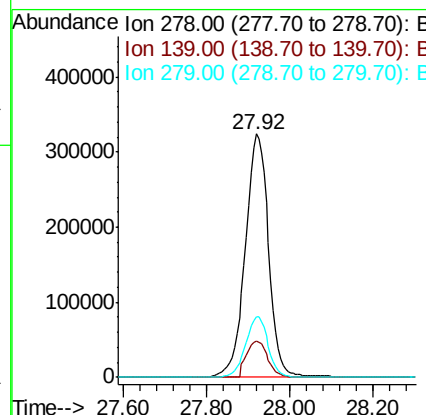
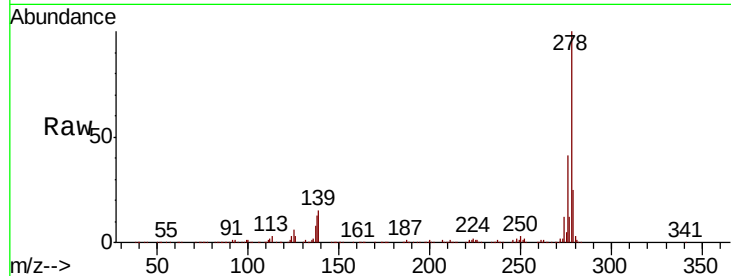
#91
Dibenzo(a,h)anthracene
Concen: 48.054 ng
RT: 27.92 min Scan# 4226
Delta R.T. -0.19 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.7	17.5
279	25.1	19.8	29.6

Manual Integrations
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3/3/2020 12:28:35 PM



#92
Benzo(g,h,i)perylene
Concen: 48.890 ng
RT: 28.93 min Scan# 4399
Delta R.T. -0.20 min
Lab File: BG044650.D
Acq: 3 Mar 2020 3:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	19.1	16.1	24.1

