

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
 Data File : BG046173.D
 Acq On : 5 Aug 2020 13:51
 Operator : CG/JU
 Sample : L3545-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Manual Integrations
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 8/6/2020 1:20:33 PM

Quant Time: Aug 06 02:07:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	110876	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	438811	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	285699	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	664196	20.00	ng	0.00
76) Chrysene-d12	21.57	240	671982	20.00	ng	0.00
86) Perylene-d12	24.67	264	746732	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	779726	122.25	ng	0.00
7) Phenol-d6	7.12	99	1015115	116.78	ng	0.00
23) Nitrobenzene-d5	9.11	82	664605	82.00	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	536253	122.20	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1478147	75.16	ng	0.00
79) Terphenyl-d14	19.94	244	2014022	61.04	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	102458	35.293 ng	97
3) Pyridine	3.83	79	236822	29.633 ng	97
4) n-Nitrosodimethylamine	3.75	42	130400	38.338 ng	95
6) Aniline	7.28	93	298615	28.859 ng	99
8) 2-Chlorophenol	7.52	128	316225	44.857 ng	96
9) Benzaldehyde	7.09	77	213289	41.350 ng	98
10) Phenol	7.15	94	384350	44.007 ng	97
11) bis(2-Chloroethyl)ether	7.37	93	293260	42.214 ng	100
12) 1,3-Dichlorobenzene	7.85	146	353574	41.378 ng	99
13) 1,4-Dichlorobenzene	7.99	146	352901	41.129 ng	99
14) 1,2-Dichlorobenzene	8.30	146	347915	42.994 ng	98
15) Benzyl Alcohol	8.19	79	266952	44.453 ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	467326	41.031 ng	98
17) 2-Methylphenol	8.40	107	270834	45.933 ng	98
18) Hexachloroethane	9.04	117	125341	43.678 ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	234032	41.368 ng	97
20) 3+4-Methylphenols	8.72	107	374179	46.364 ng	97
22) Acetophenone	8.77	105	451120	40.059 ng	99
24) Nitrobenzene	9.15	77	331269	38.337 ng	98
25) Isophorone	9.67	82	630736	39.111 ng	100
26) 2-Nitrophenol	9.86	139	175071	44.704 ng	95
27) 2,4-Dimethylphenol	9.93	122	294060	46.152 ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	388171	44.267 ng	100
29) 2,4-Dichlorophenol	10.40	162	335117	44.712 ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	357621	40.730 ng	99
31) Naphthalene	10.80	128	927450	39.945 ng	99
32) Benzoic acid	10.08	122	190437	42.095 ng	96
33) 4-Chloroaniline	10.90	127	149761	15.784 ng	98
34) Hexachlorobutadiene	11.10	225	235344	40.265 ng	100
35) Caprolactam	11.67	113	113264m	46.170 ng	
36) 4-Chloro-3-methylphenol	12.03	107	321238	43.675 ng	98
37) 2-Methylnaphthalene	12.41	142	721729	40.397 ng	100
38) 1-Methylnaphthalene	12.62	142	686528	40.608 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	422015	40.997 ng	99

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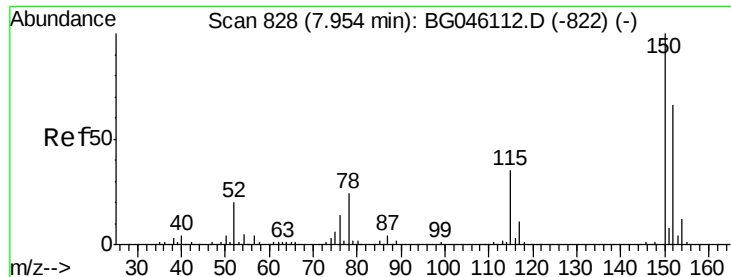
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	504583	85.458	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	285748	43.510	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	308890	43.107	nq	97
46) 1,1'-Biphenyl	13.42	154	907146	40.476	nq	100
47) 2-Chloronaphthalene	13.46	162	708656	39.640	nq	99
48) 2-Nitroaniline	13.65	65	205912	43.942	nq	98
49) Acenaphthylene	14.30	152	1131030	40.743	nq	98
50) Dimethylphthalate	14.04	163	1111468	50.687	nq	99
51) 2,6-Dinitrotoluene	14.15	165	205960	40.358	nq	91
52) Acenaphthene	14.64	154	800550m	43.695	nq	
53) 3-Nitroaniline	14.47	138	110460	21.833	nq	99
54) 2,4-Dinitrophenol	14.68	184	235222	73.391	nq	93
55) Dibenzofuran	14.98	168	1079369	39.043	nq	98
56) 4-Nitrophenol	14.79	139	365676	83.249	nq	98
57) 2,4-Dinitrotoluene	14.94	165	286112	40.776	nq	95
58) Fluorene	15.62	166	874082	39.041	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	295675	43.807	nq	99
60) Diethylphthalate	15.40	149	877796	40.694	nq	98
61) 4-Chlorophenyl-phenylether	15.62	204	479330	40.992	nq	95
62) 4-Nitroaniline	15.64	138	208519	40.980	nq	98
63) Azobenzene	15.91	77	785023	38.832	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	176009	40.069	nq	89
66) n-Nitrosodiphenylamine	15.84	169	811845	40.380	nq	98
67) 4-Bromophenyl-phenylether	16.51	248	344893	42.031	nq	97
68) Hexachlorobenzene	16.64	284	376302	40.898	nq	97
69) Atrazine	16.78	200	299675	38.708	nq	98
70) Pentachlorophenol	16.98	266	501740	84.043	nq	99
71) Phenanthrene	17.36	178	1413284	38.844	nq	99
72) Anthracene	17.45	178	1457587	40.276	nq	97
73) Carbazole	17.72	167	1347967	38.628	nq	99
74) Di-n-butylphthalate	18.29	149	1482776	40.650	nq	99
75) Fluoranthene	19.37	202	1707428	37.589	nq	99
77) Benzidine	19.54	184	853287	44.829	nq	99
78) Pyrene	19.73	202	1732379	38.369	nq	98
80) Butylbenzylphthalate	20.62	149	698563	42.711	nq	99
81) Benzo(a)anthracene	21.55	228	1744860	38.801	nq	98
82) 3,3'-Dichlorobenzidine	21.47	252	246824	13.217	nq	100
83) Chrysene	21.62	228	1690794	38.382	nq	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	986811	42.202	nq	99
85) Di-n-octyl phthalate	22.66	149	1717531	43.381	nq	100
87) Indeno(1,2,3-cd)pyrene	28.20	276	2379923	41.790	nq	# 95
88) Benzo(b)fluoranthene	23.70	252	1974353	39.455	nq	99
89) Benzo(k)fluoranthene	23.76	252	1853984	37.774	nq	100
90) Benzo(a)pyrene	24.53	252	1819529	39.076	nq	98
91) Dibenzo(a,h)anthracene	28.26	278	1937382	40.694	nq	98
92) Benzo(g,h,i)perylene	29.30	276	1990264	41.394	nq	99

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



#1

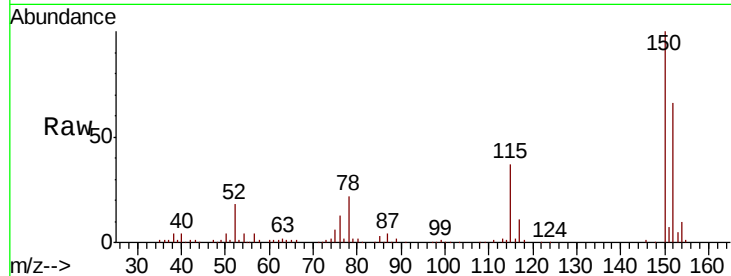
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampled :
SB-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.1	183.1
115	55.6	43.2	64.8

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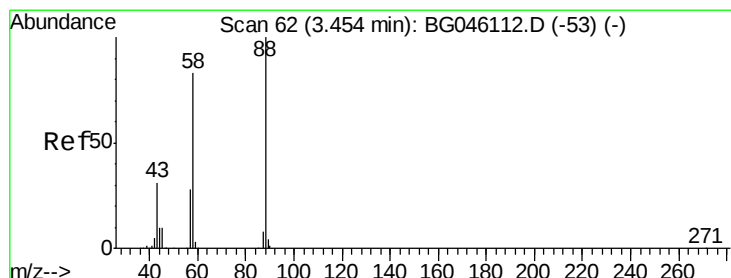
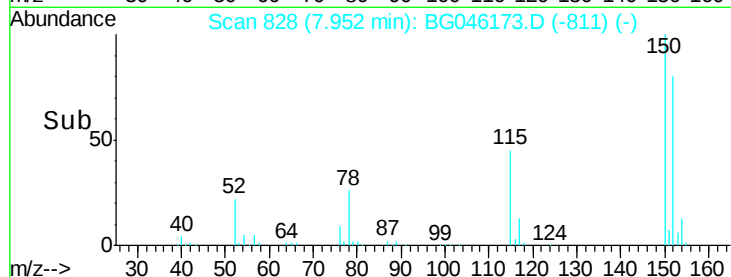
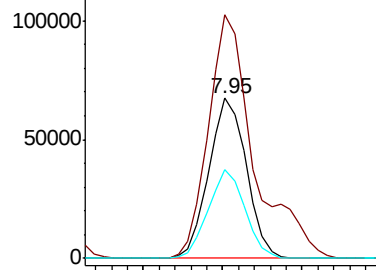


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

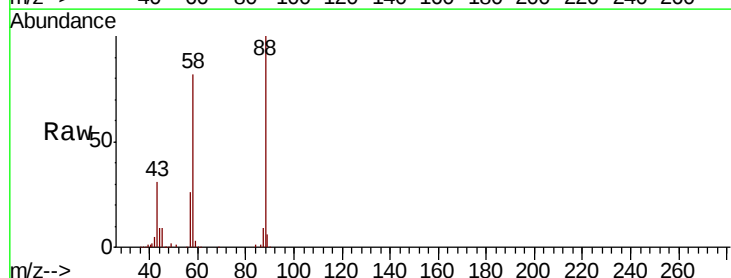
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.293 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	66.5	99.7
43	28.5	23.8	35.8

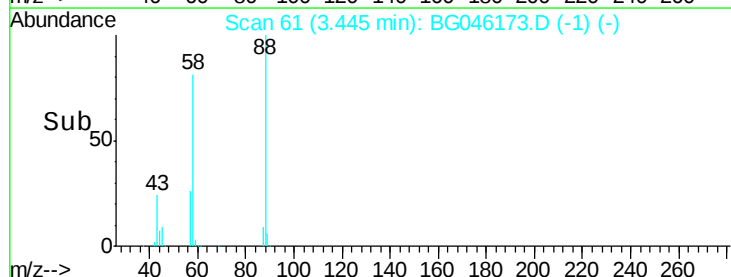
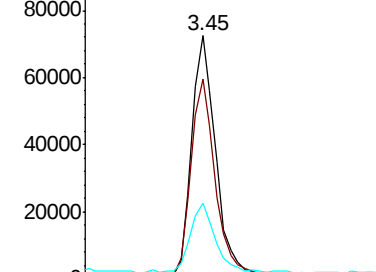


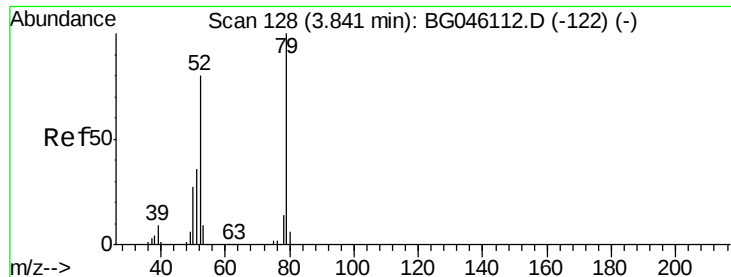
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.633 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

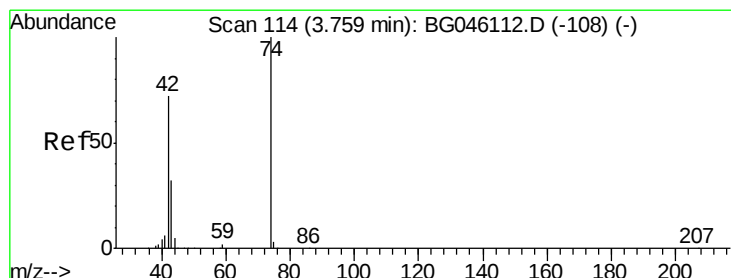
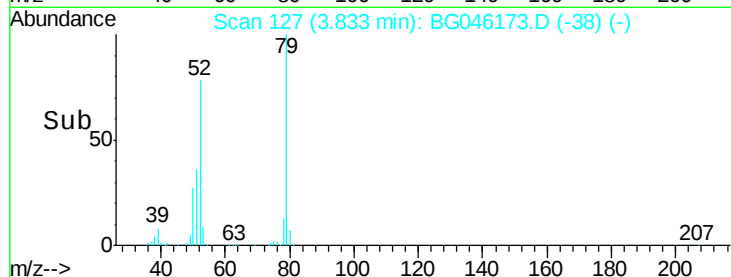
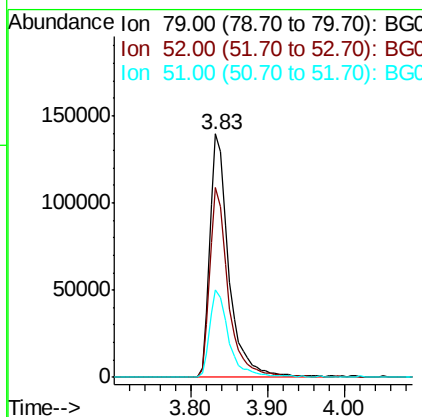
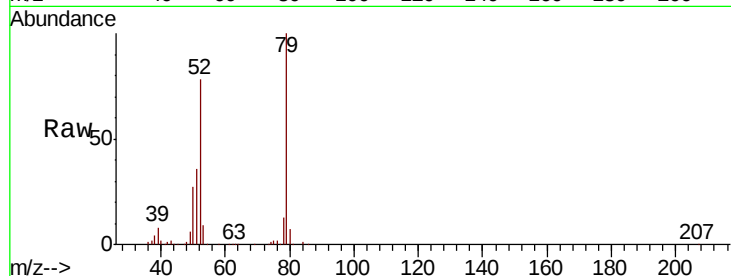
ClientSampleId :

SB-1MS

Tot Ion:	79	Resp:	236822
Ion	Ratio	Lower	Upper
79	100		
52	77.7	64.3	96.5
51	36.0	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 38.338 ng

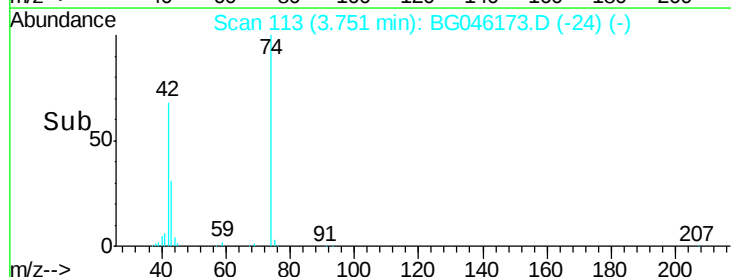
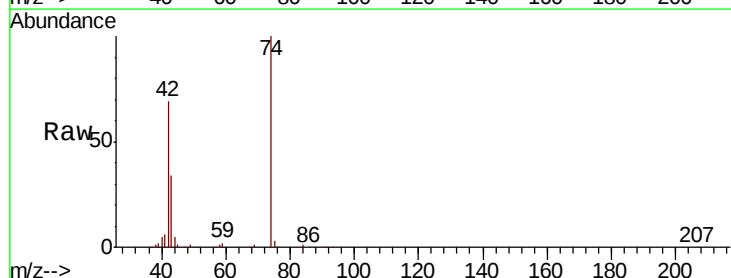
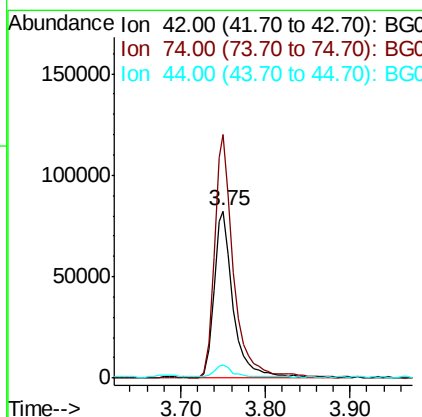
RT: 3.75 min Scan# 113

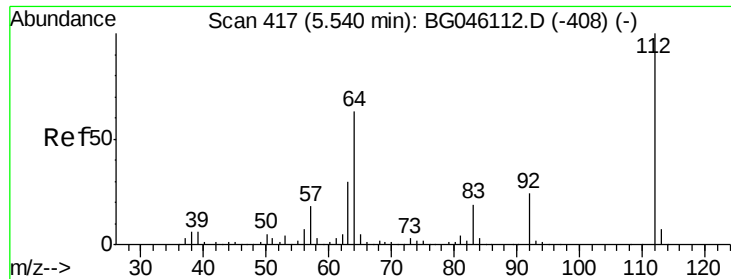
Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	42	Resp:	130400
Ion	Ratio	Lower	Upper
42	100		
74	145.4	111.6	167.4
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 122.249 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

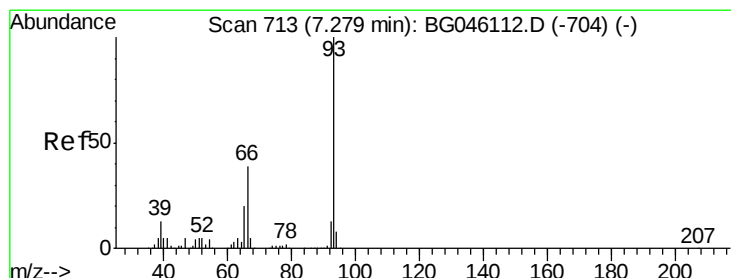
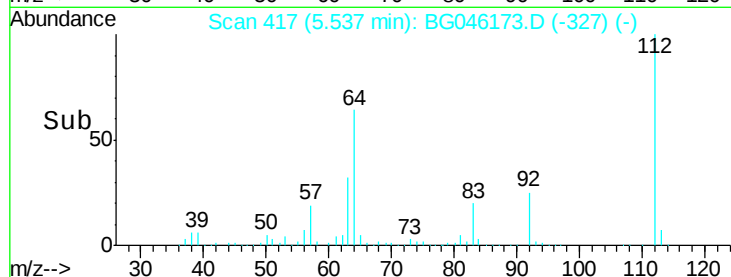
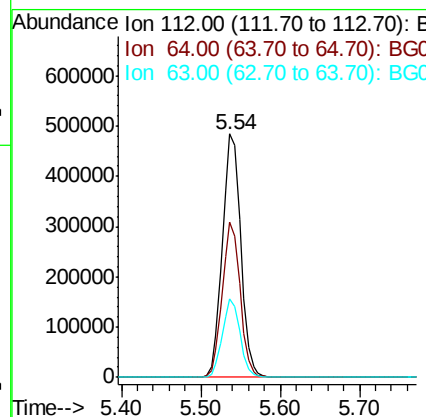
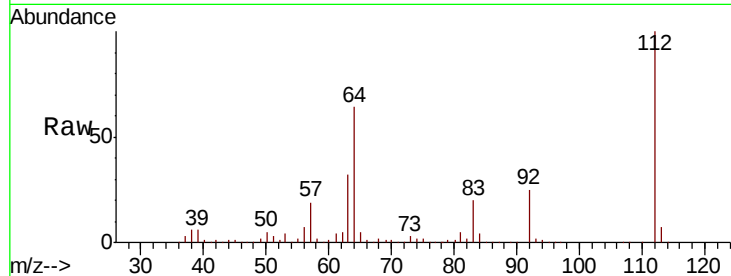
ClientSampleId :

SB-1MS

Tot Ion:	112	Resp:	779726
Ion Ratio	Lower	Upper	
112	100		
64	63.6	50.2	75.2
63	32.4	24.2	36.4

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#6

Aniline

Concen: 28.859 ng

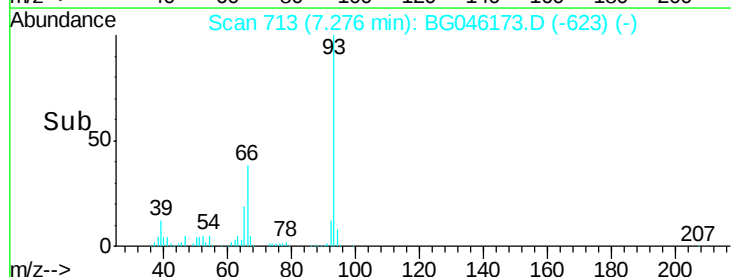
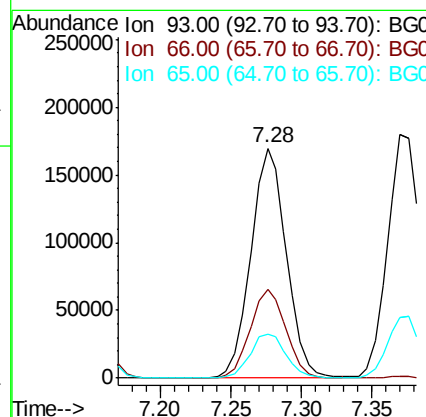
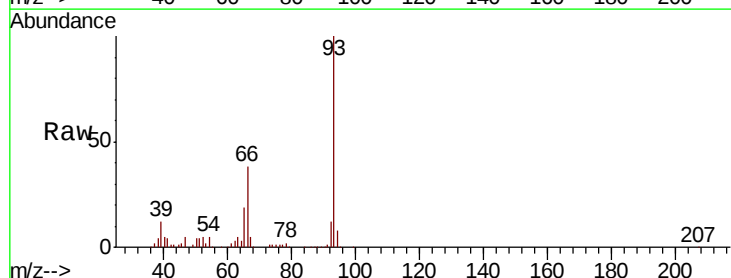
RT: 7.28 min Scan# 713

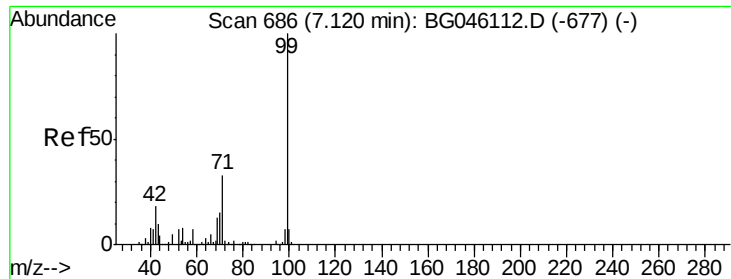
Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	93	Resp:	298615
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.0	46.4
65	19.0	15.9	23.9





#7

Phenol-d6

Concen: 116.780 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion: 99 Resp: 1015115

Ion Ratio Lower Upper

99 100

42 18.6 14.7 22.1

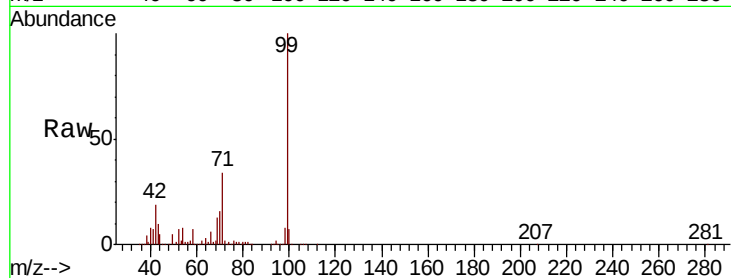
71 33.8 26.5 39.7

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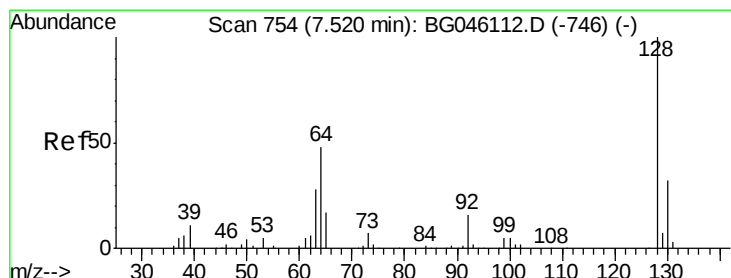
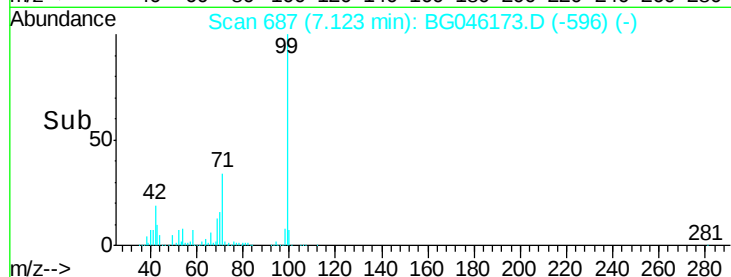
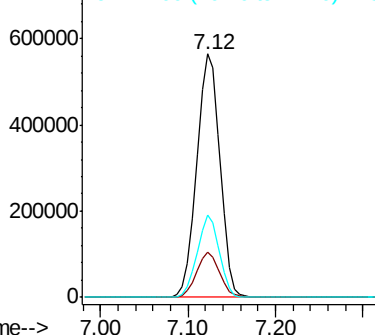
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.857 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

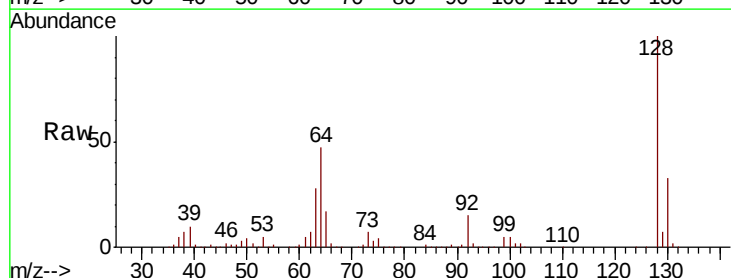
Tgt Ion:128 Resp: 316225

Ion Ratio Lower Upper

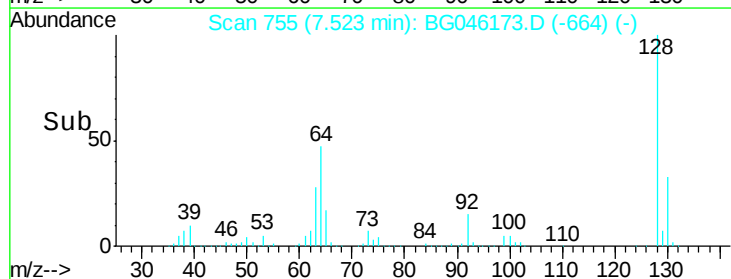
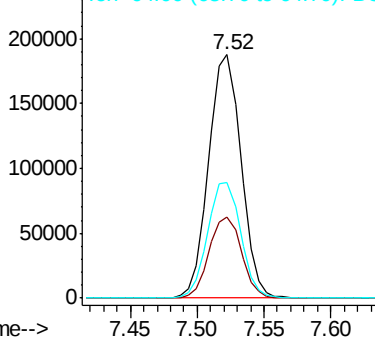
128 100

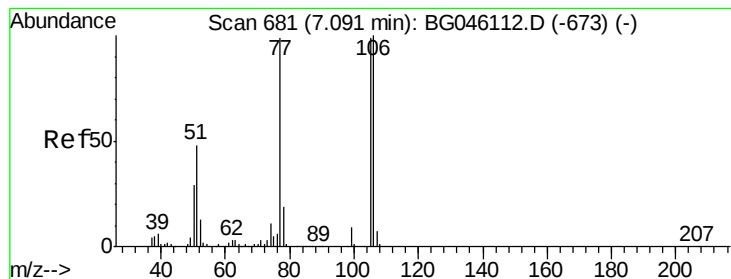
130 33.1 11.6 51.6

64 47.4 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.350 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

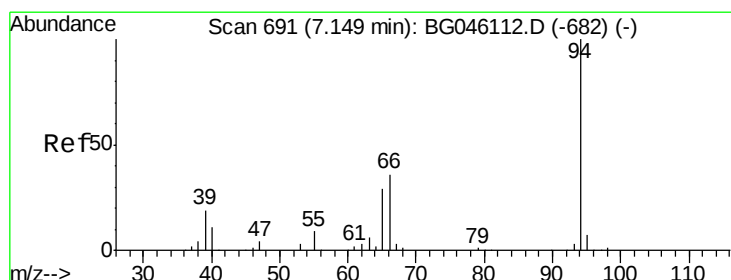
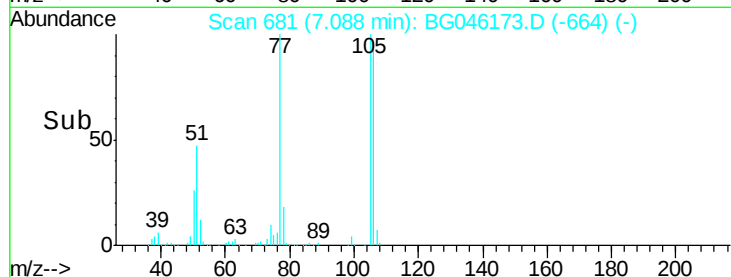
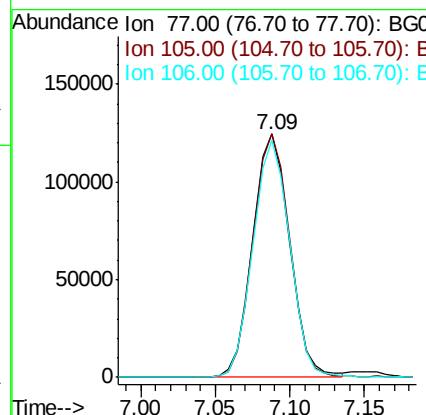
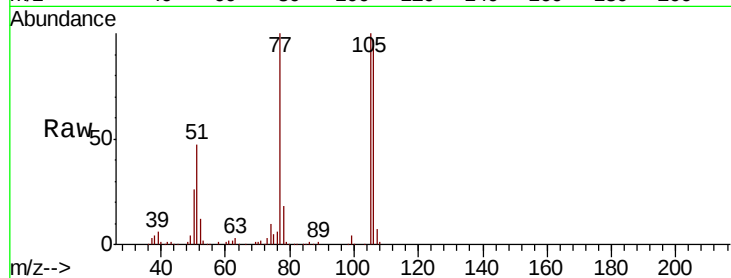
ClientSampleId :

SB-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	80.3	120.3		
106	97.4	81.5	121.5		

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#10

Phenol

Concen: 44.007 ng

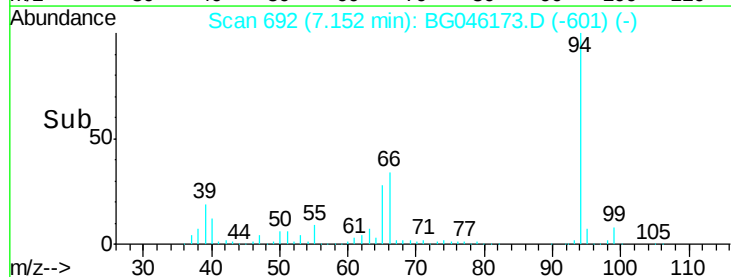
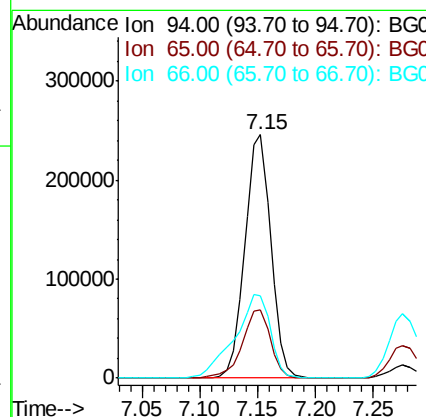
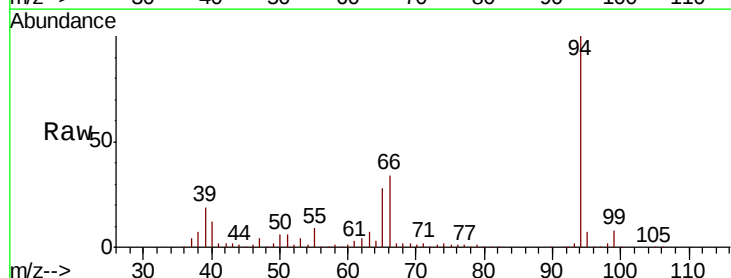
RT: 7.15 min Scan# 692

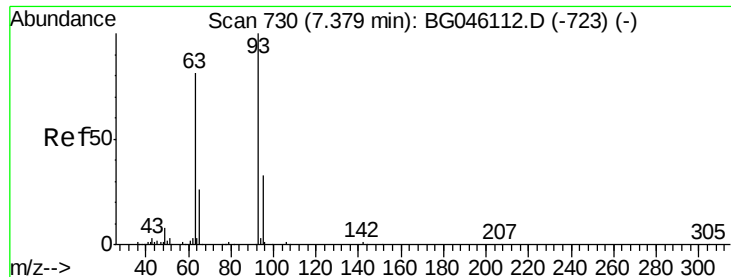
Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.1	9.6	49.6		
66	34.0	16.3	56.3		





#11

bis(2-Chloroethyl)ether

Concen: 42.214 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

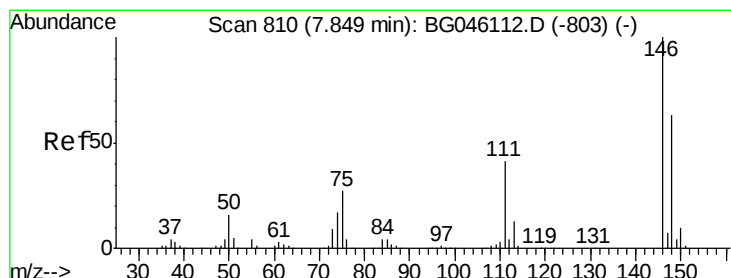
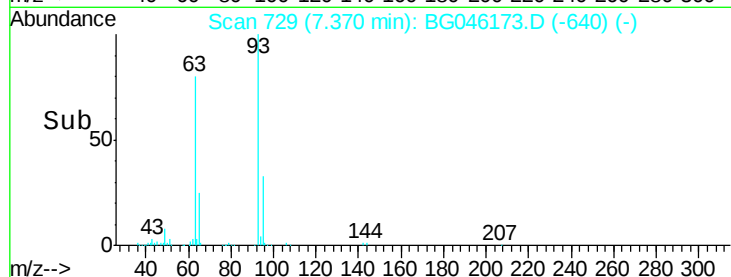
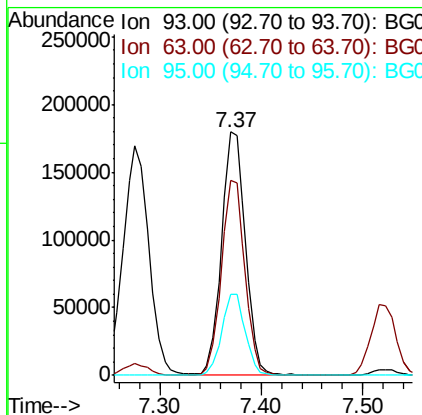
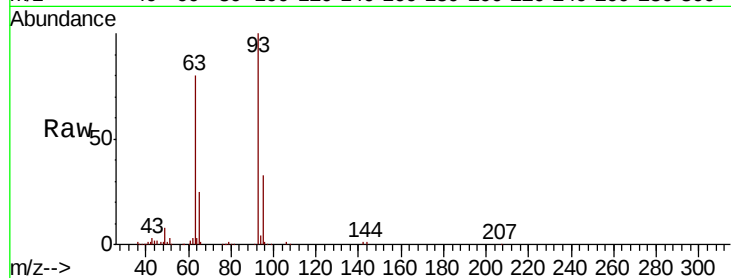
ClientSampleId :

SB-1MS

Tot Ion:	93	Resp:	293260
Ion	Ratio	Lower	Upper
93	100		
63	79.9	60.0	100.0
95	33.2	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 41.378 ng

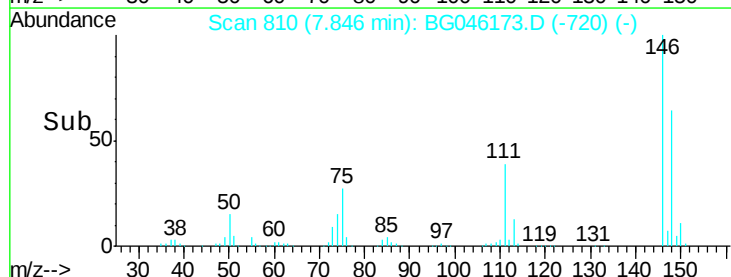
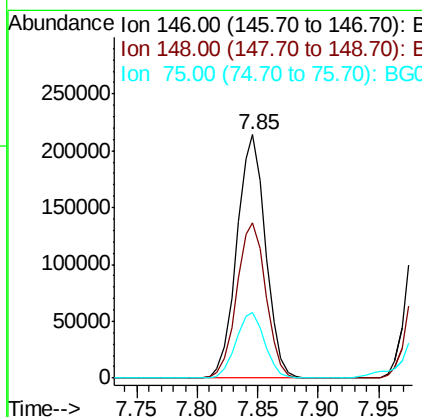
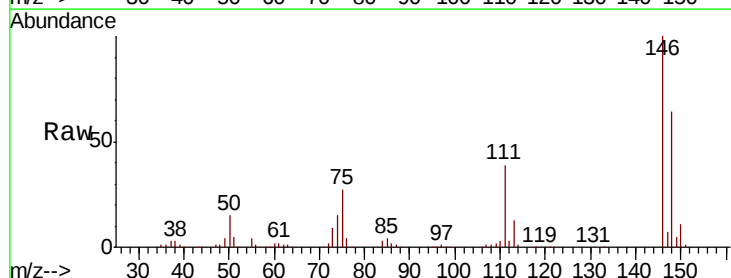
RT: 7.85 min Scan# 810

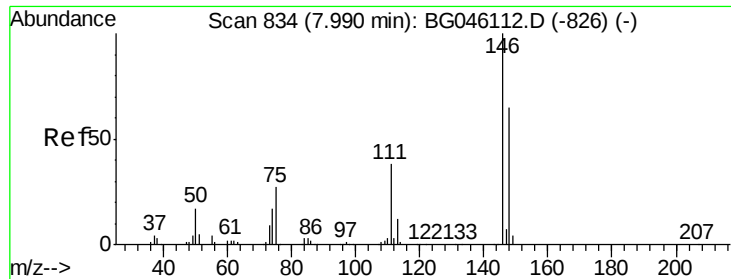
Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	146	Resp:	353574
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
75	27.2	21.6	32.4





#13

1,4-Dichlorobenzene

Concen: 41.129 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

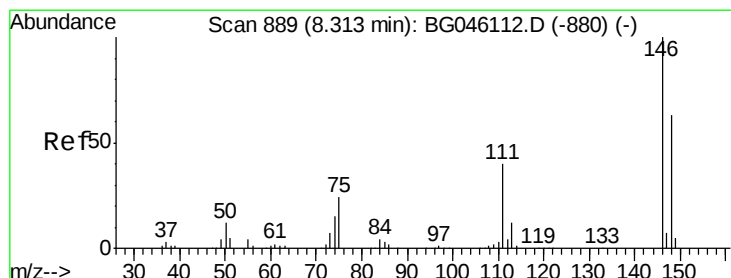
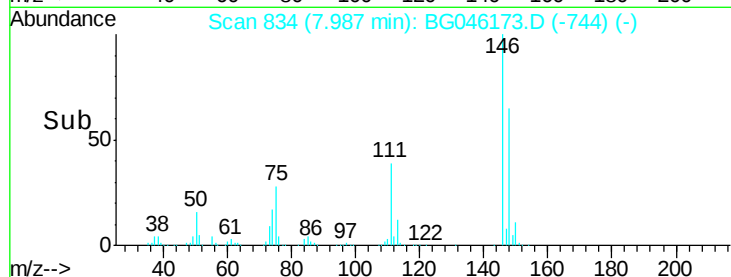
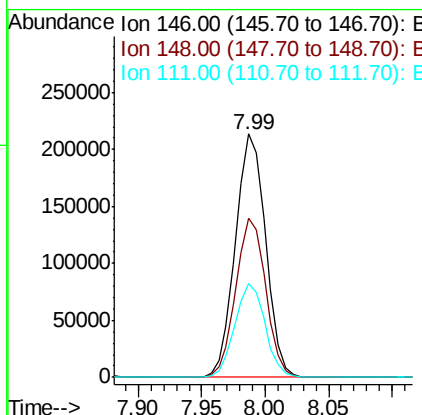
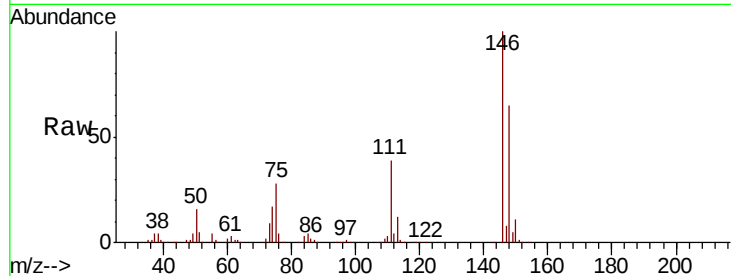
ClientSampled :

SB-1MS

Tot Ion:	146	Resp:	352901
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.6
111	38.7	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.994 ng

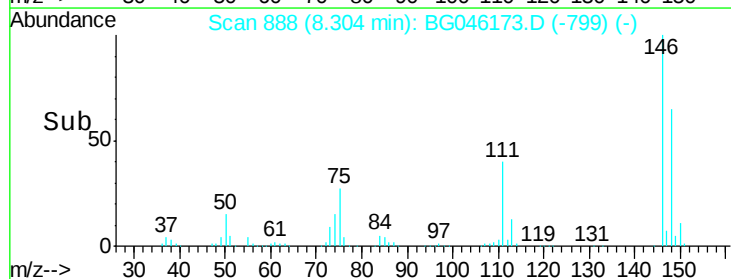
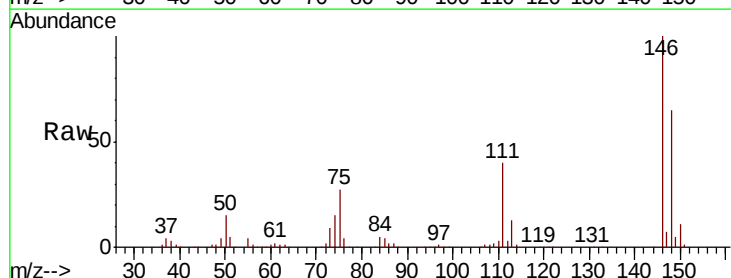
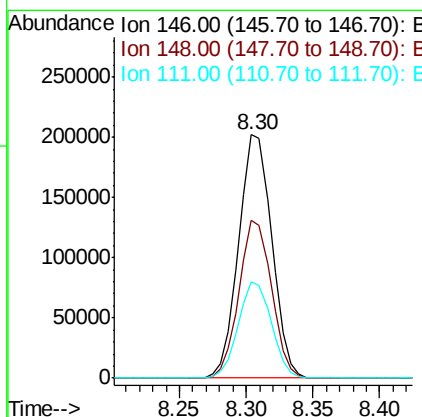
RT: 8.30 min Scan# 888

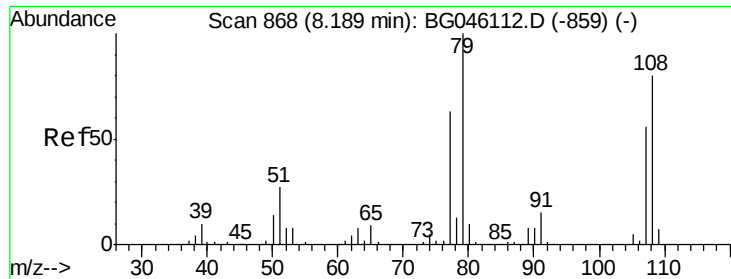
Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	146	Resp:	347915
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.8	76.2
111	39.8	32.4	48.6





#15

Benzyl Alcohol

Concen: 44.453 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

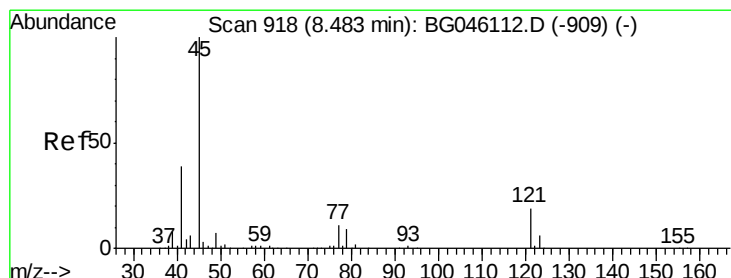
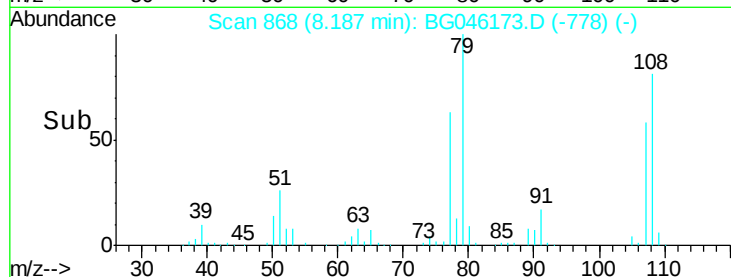
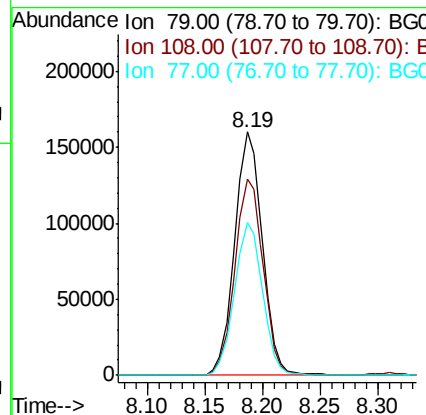
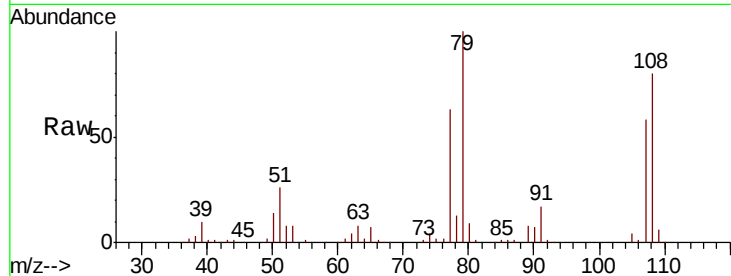
ClientSampleId :

SB-1MS

Tot Ion:	79	Resp:	266952
Ion Ratio	Lower	Upper	
79	100		
108	80.5	64.1	96.1
77	62.6	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.031 ng

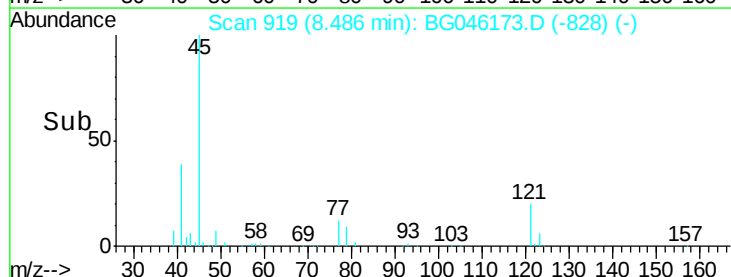
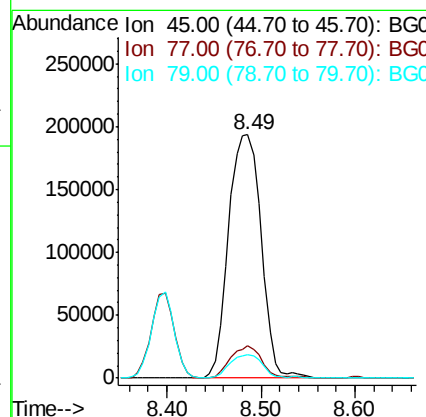
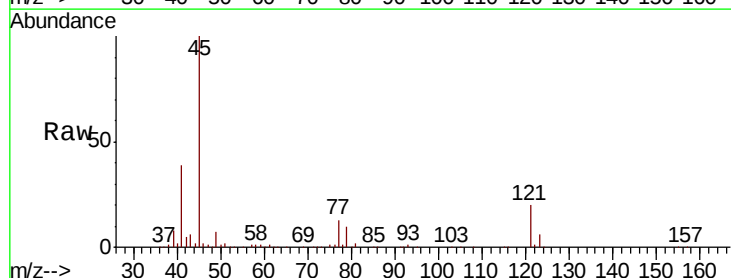
RT: 8.49 min Scan# 919

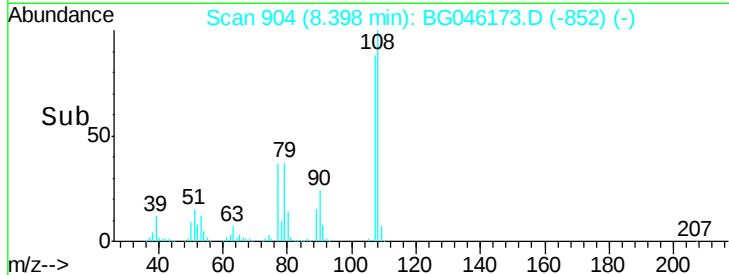
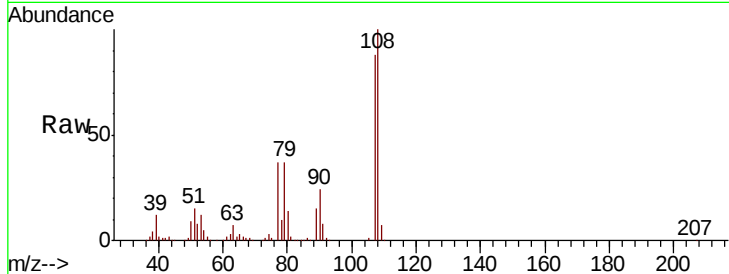
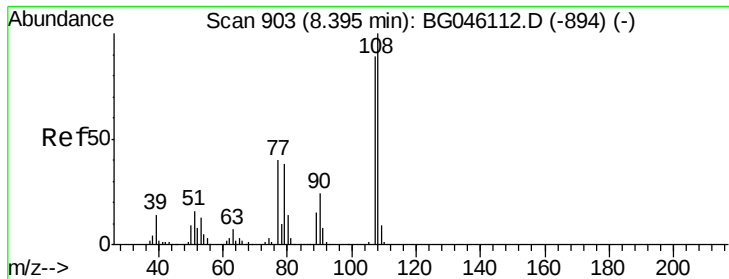
Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	45	Resp:	467326
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	31.9
79	9.8	0.0	29.5





#17

2-Methylphenol

Concen: 45.933 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tot Ion	107	Resp	270834
Ion Ratio	Lower	Upper	
107	100		
108	113.7	90.0	135.0
77	42.3	35.6	53.4
79	42.4	34.4	51.6

Instrument :

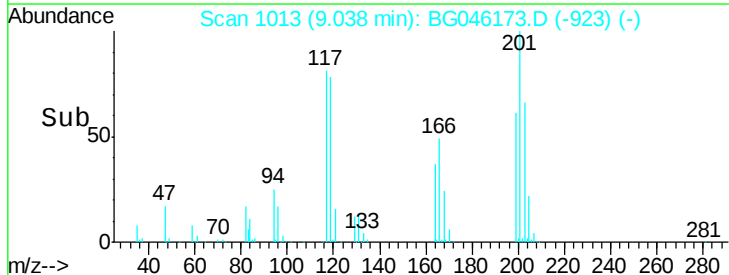
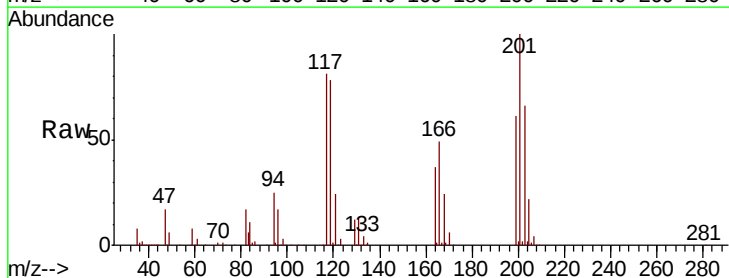
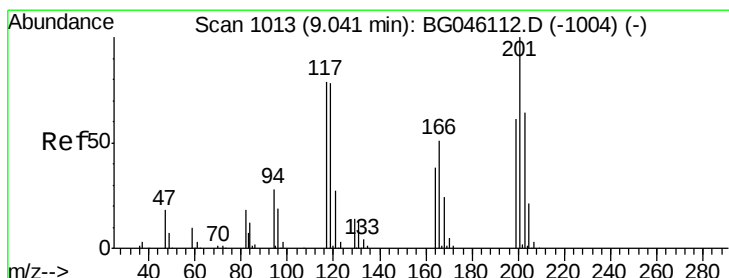
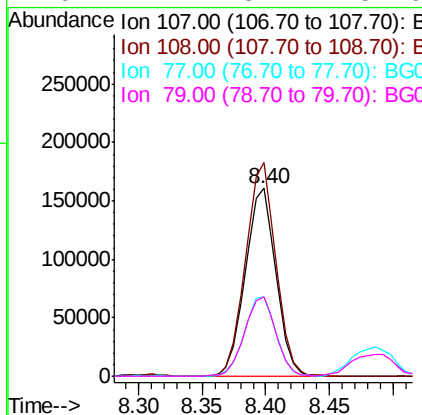
BNA_G

ClientSampleId :

SB-1MS

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#18

Hexachloroethane

Concen: 43.678 ng

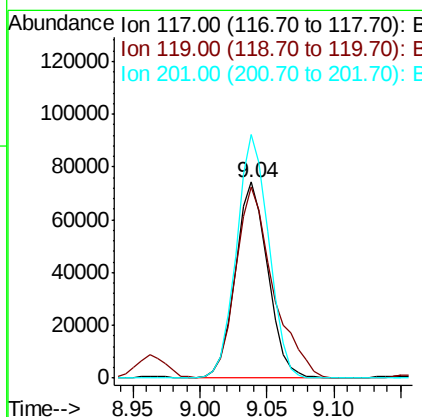
RT: 9.04 min Scan# 1013

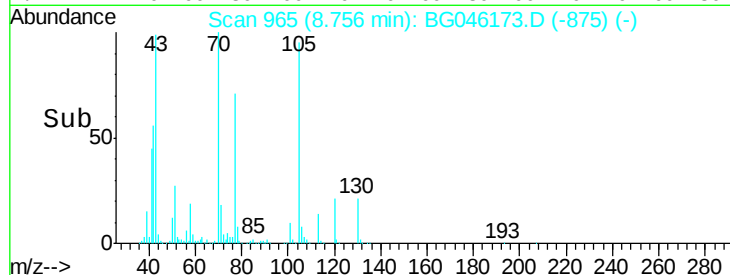
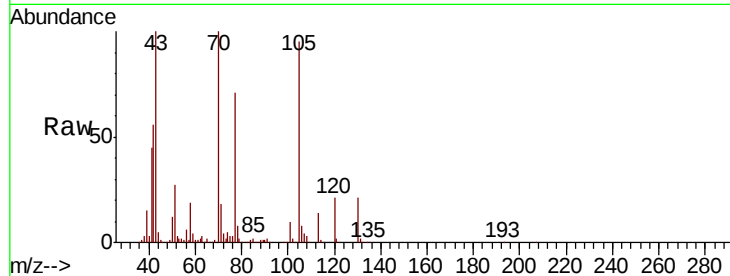
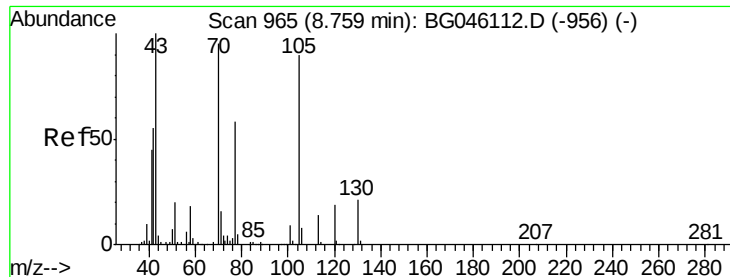
Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion	117	Resp	125341
Ion Ratio	Lower	Upper	
117	100		
119	97.5	78.5	117.7
201	124.2	101.0	151.4





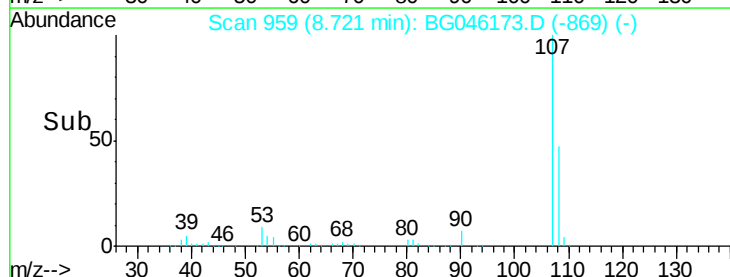
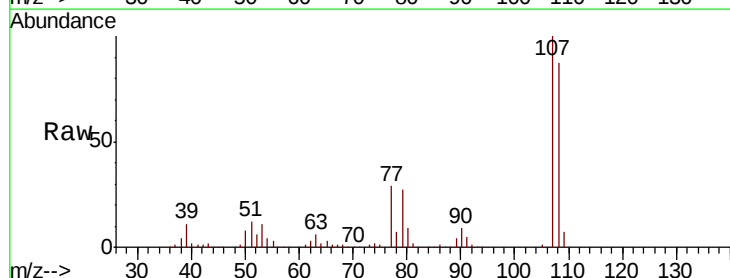
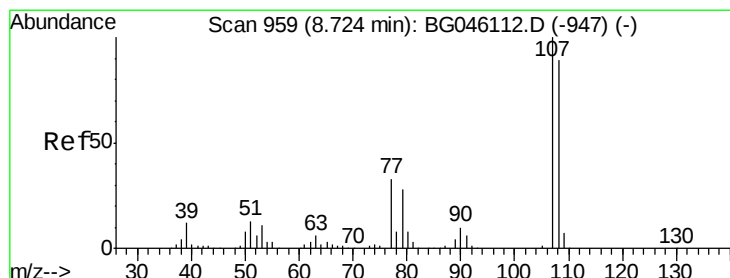
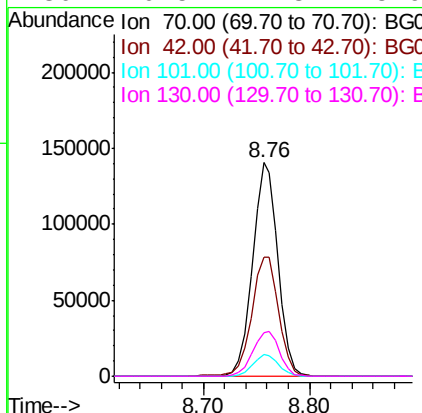
#19
n-Nitroso-di-n-propylamine
Concen: 41.368 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	46.5	69.7	
101	10.4	7.6	11.4	
130	20.5	17.3	25.9	

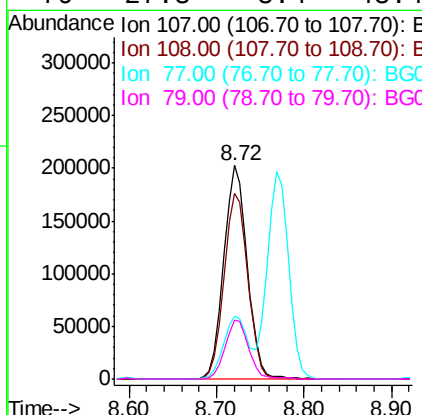
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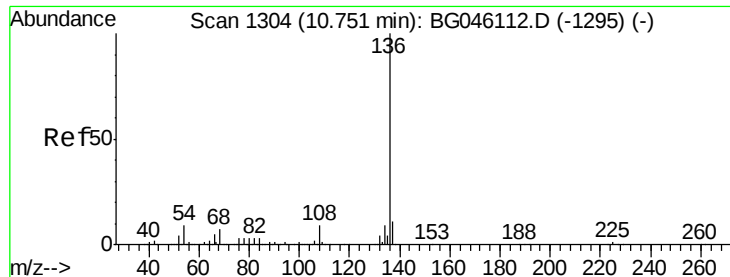
mohammad
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#20
3+4-Methylphenols
Concen: 46.364 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	69.1	109.1	
77	29.5	12.5	52.5	
79	27.3	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

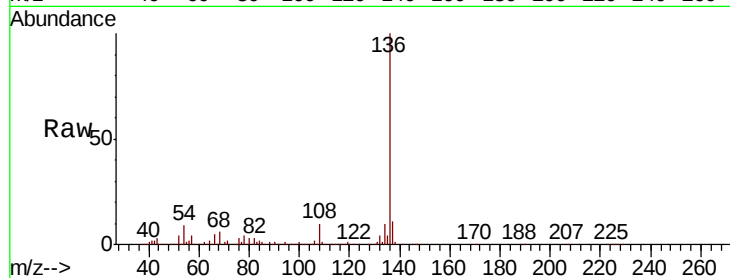
ClientSampleId :

SB-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		438811		
137	10.8		8.8	13.2	
54	8.9		7.0	10.4	
68	6.0		5.3	7.9	

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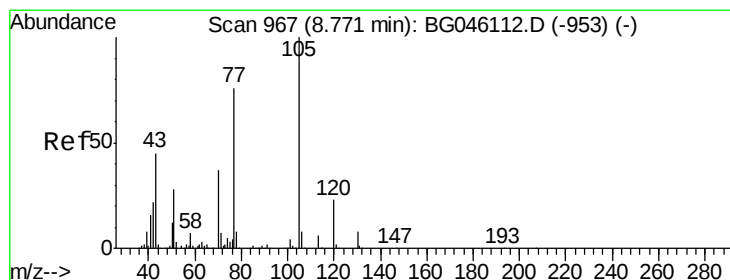
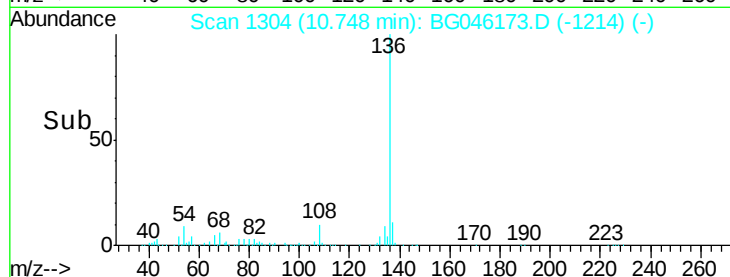
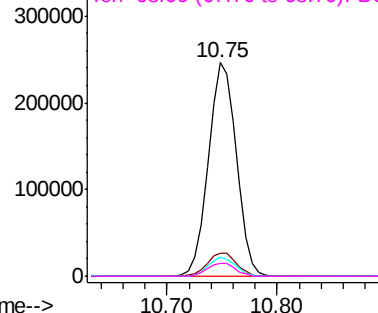


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.059 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

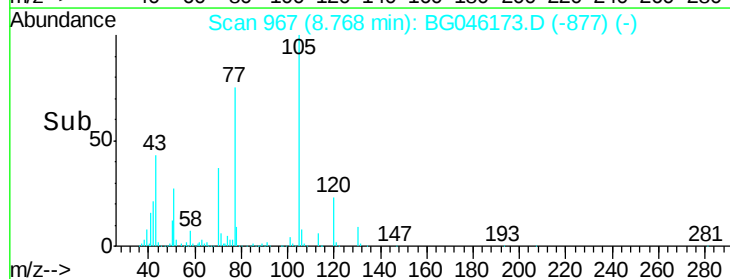
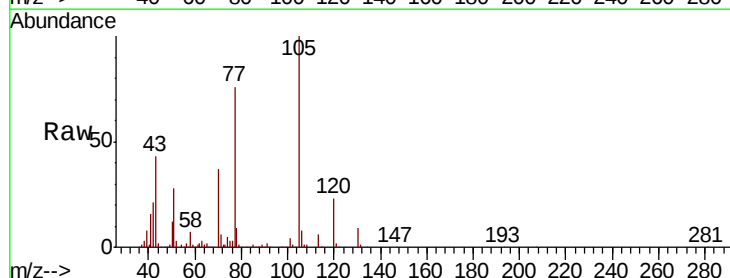
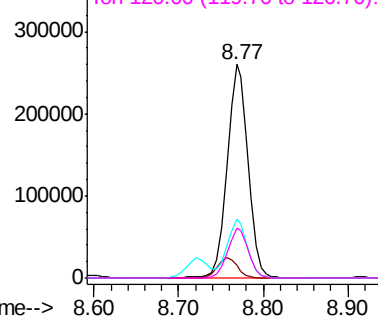
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		451120		
71	6.3		5.3	7.9	
51	27.6		22.7	34.1	
120	23.5		18.7	28.1	

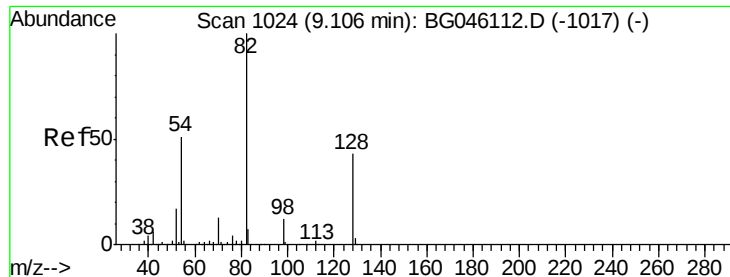
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





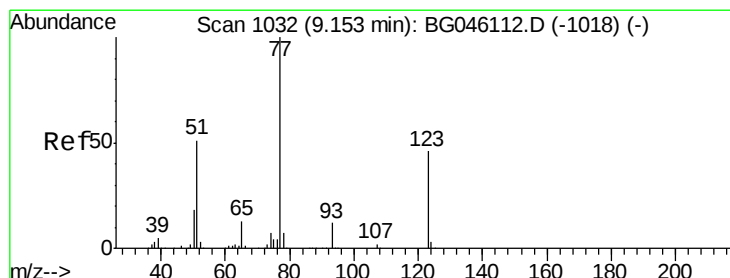
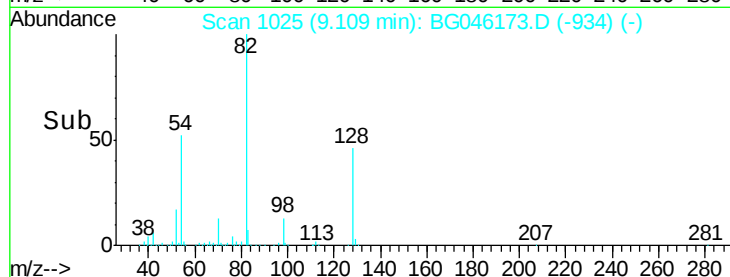
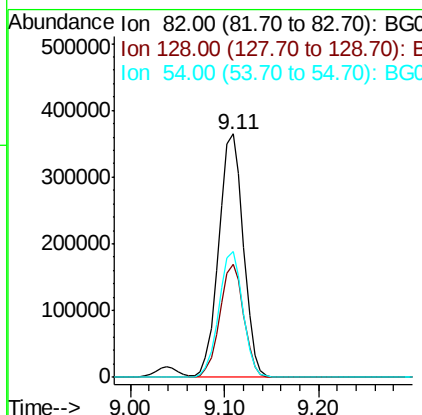
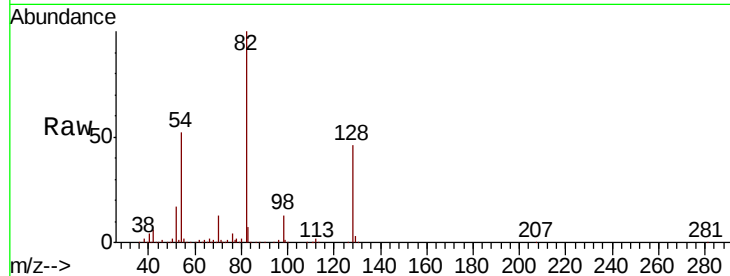
#23
 Nitrobenzene-d5
 Concen: 82.002 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.4	51.6
54	51.7	40.8	61.2

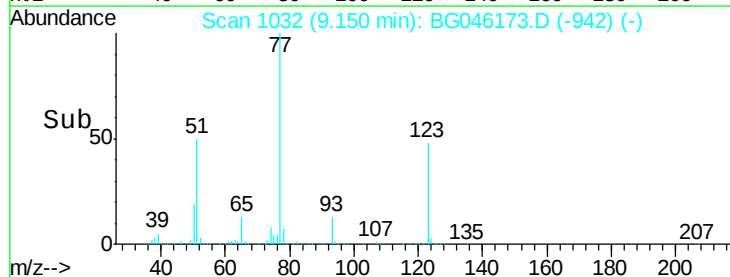
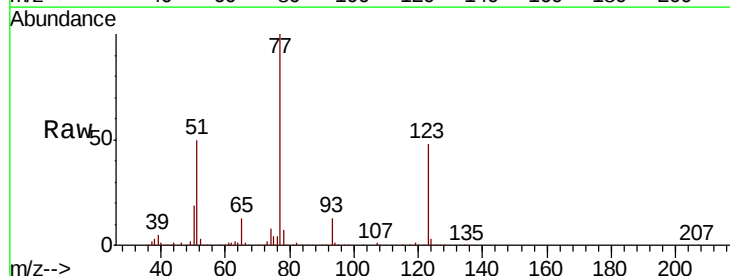
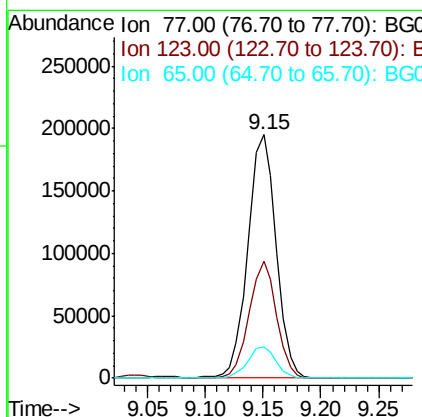
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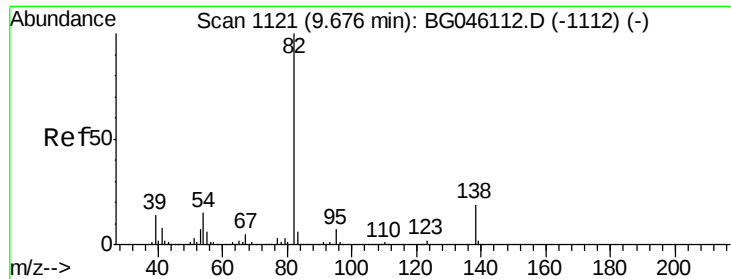
mohammad
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#24
 Nitrobenzene
 Concen: 38.337 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	36.8	55.2
65	13.0	10.2	15.2





#25

Isophorone

Concen: 39.111 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

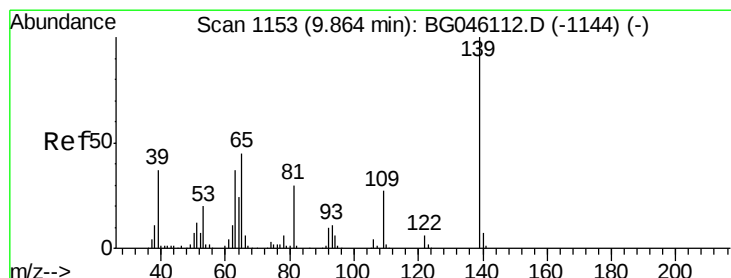
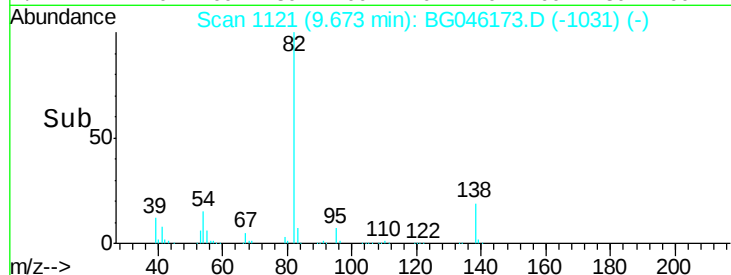
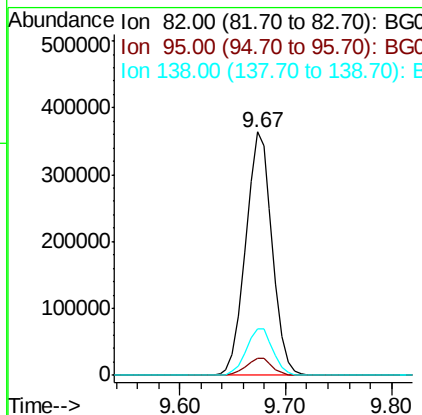
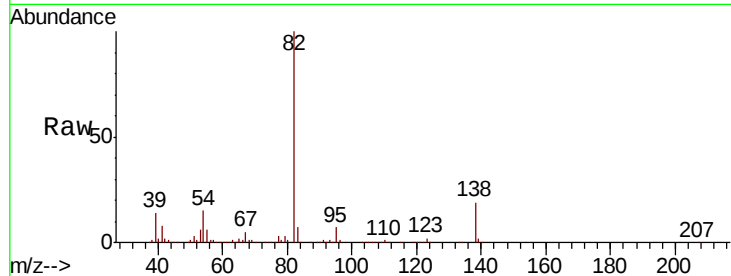
ClientSampleId :

SB-1MS

Tot Ion:	82	Resp:	630736
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.5	8.3
138	18.8	15.3	22.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.704 ng

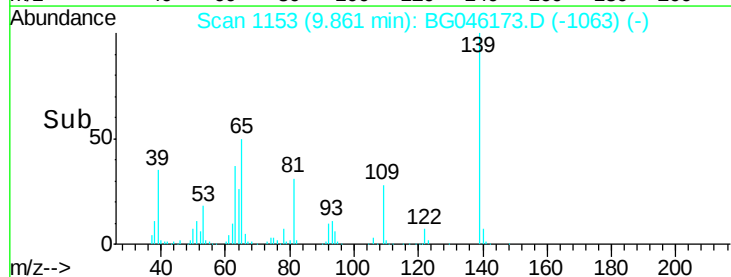
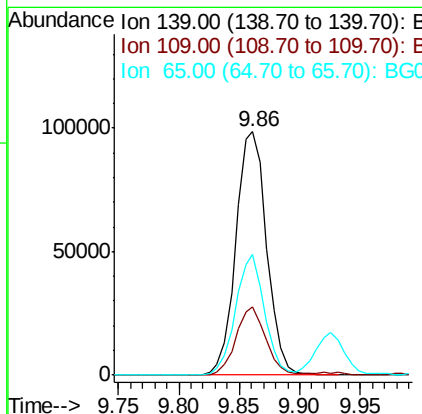
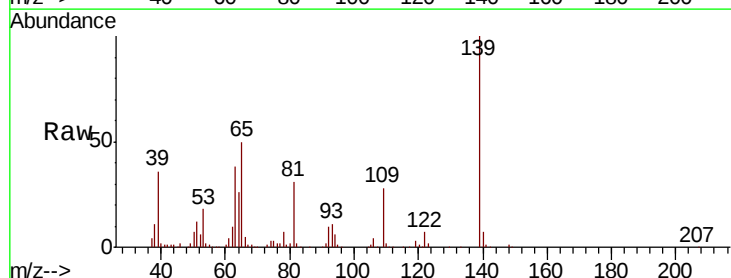
RT: 9.86 min Scan# 1153

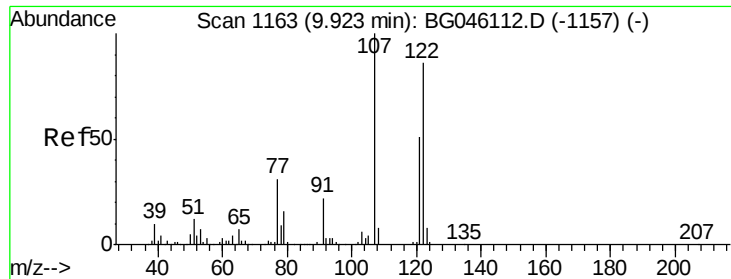
Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	139	Resp:	175071
Ion Ratio		Lower	Upper
139	100		
109	27.8	21.8	32.8
65	49.8	36.2	54.2





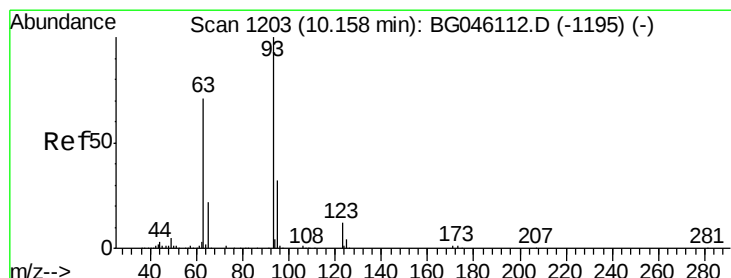
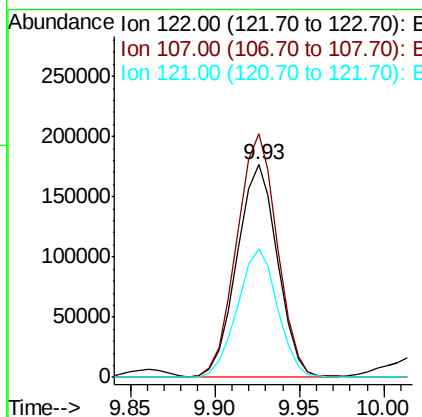
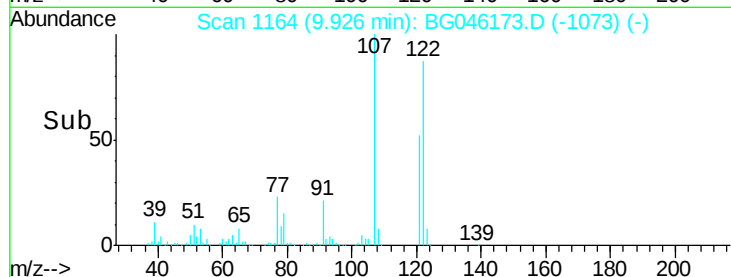
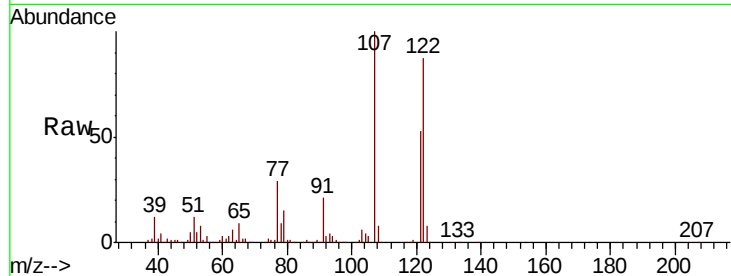
#27
2,4-Dimethylphenol
Concen: 46.152 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	294060		
107	114.5	92.4	138.6	
121	60.2	47.0	70.6	

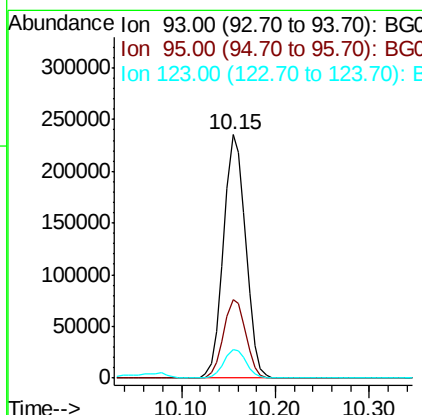
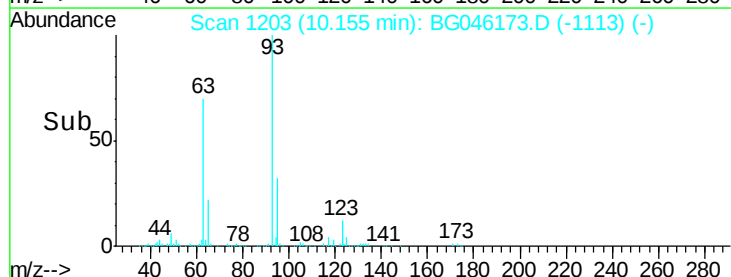
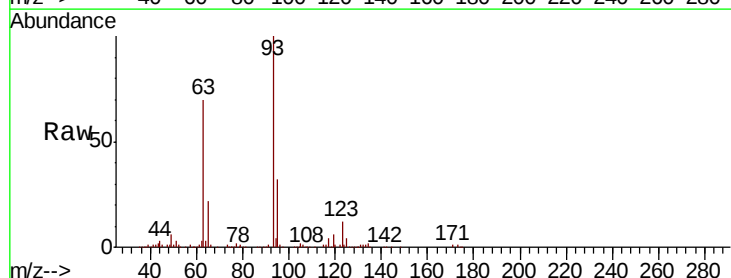
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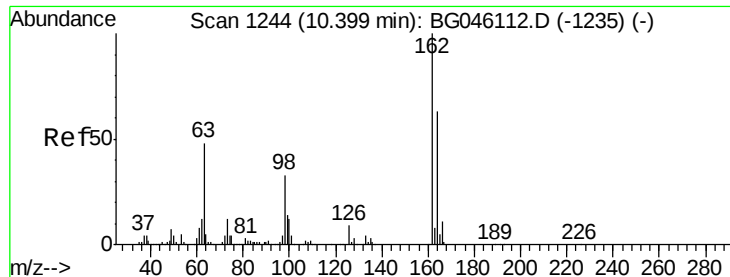
mohammad
8/6/2020 1:20:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.267 ng
RT: 10.15 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	388171		
95	32.3	26.0	39.0	
123	11.9	9.7	14.5	





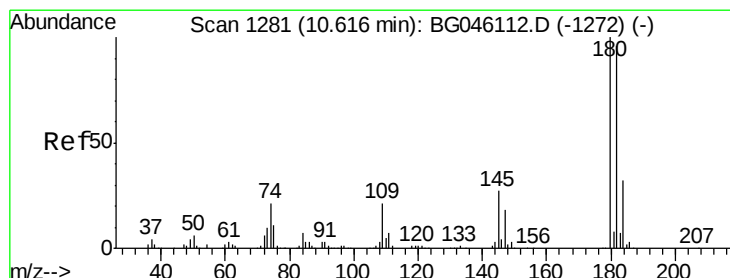
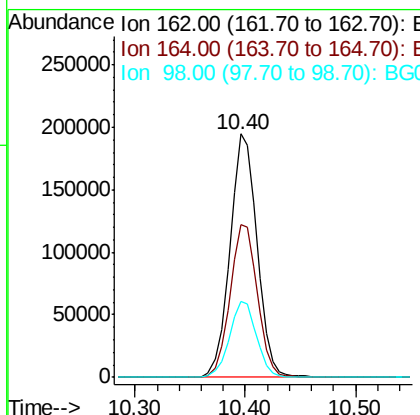
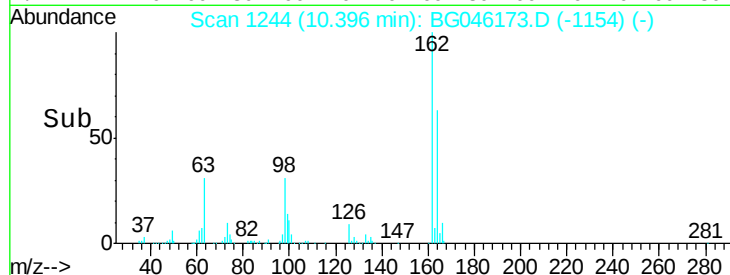
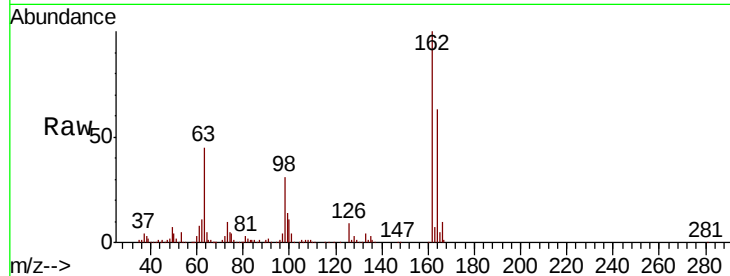
#29
 2,4-Dichlorophenol
 Concen: 44.712 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

Tot Ion:	162	Resp:	335117
Ion Ratio		Lower	Upper
162	100		
164	63.0	43.3	83.3
98	31.3	13.1	53.1

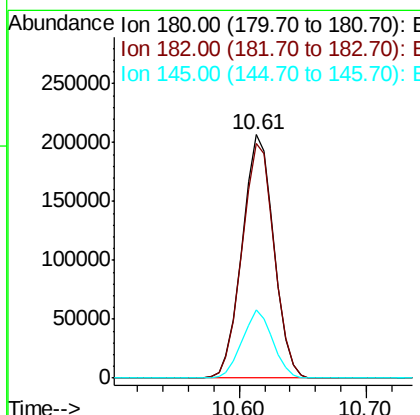
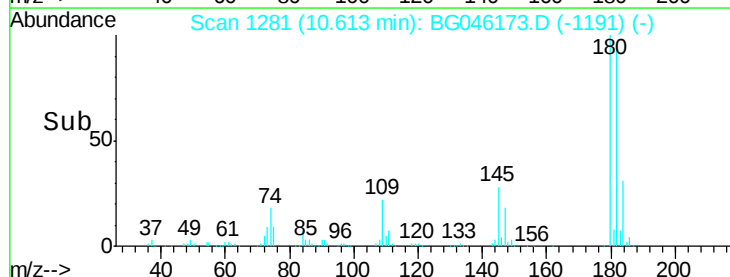
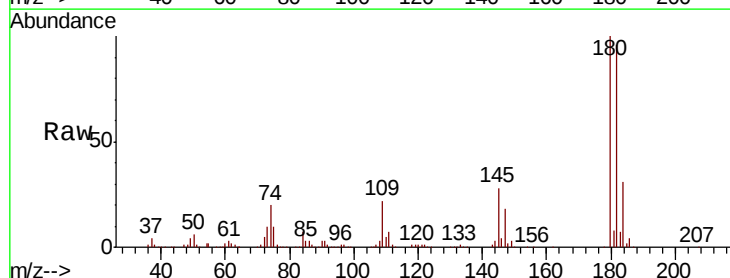
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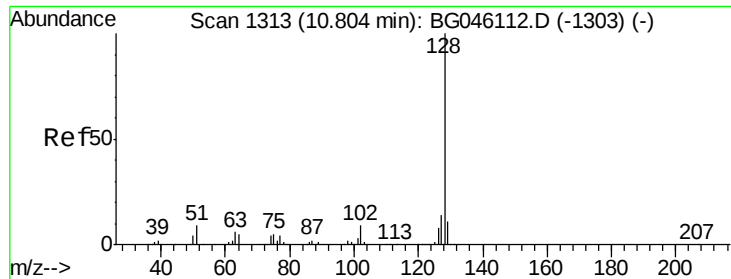
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.730 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion:	180	Resp:	357621
Ion Ratio		Lower	Upper
180	100		
182	96.4	76.7	115.1
145	28.0	21.8	32.8





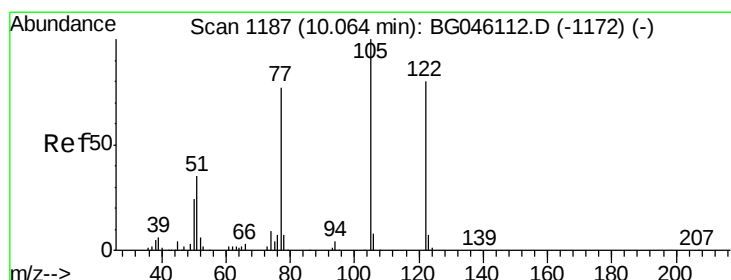
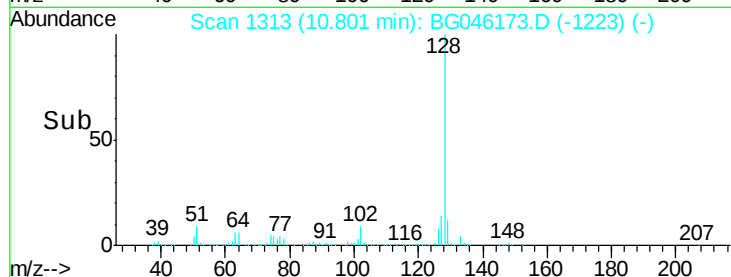
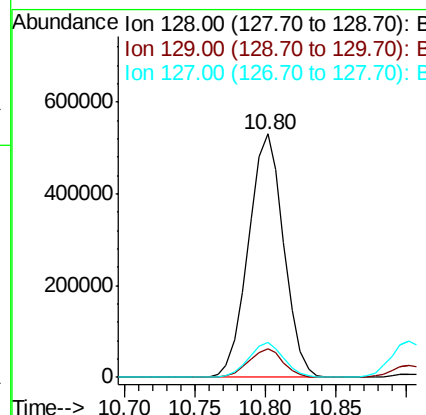
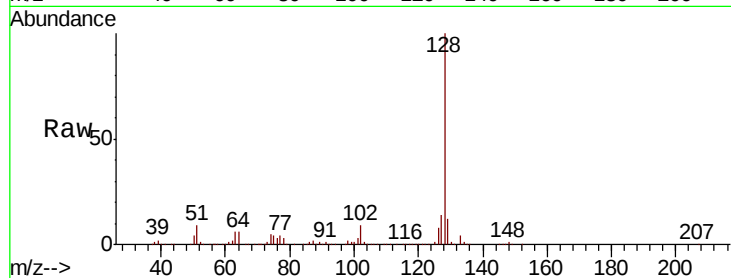
#31
Naphthalene
Concen: 39.945 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.1	13.7	
127	14.2	11.3	16.9	

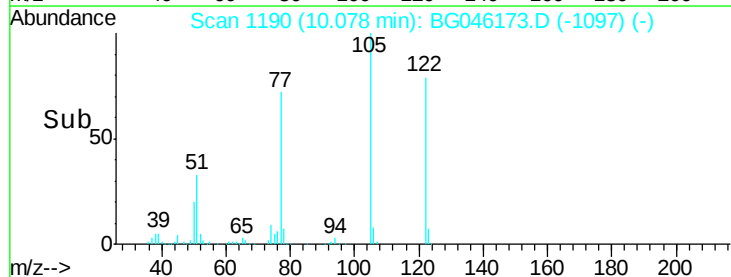
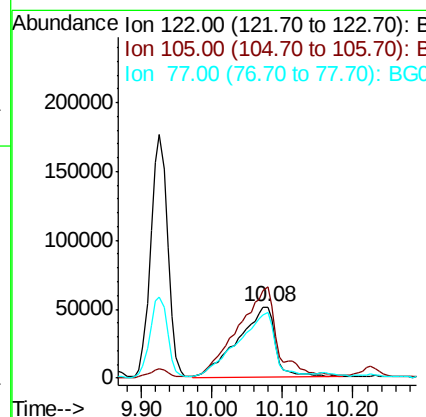
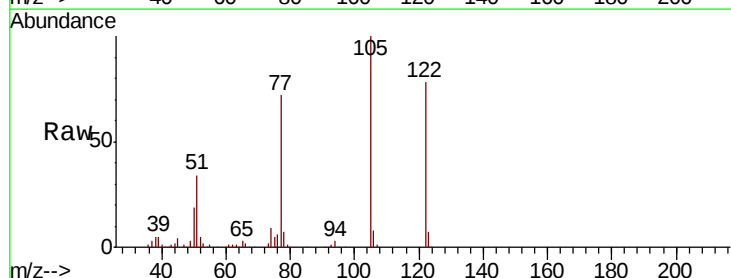
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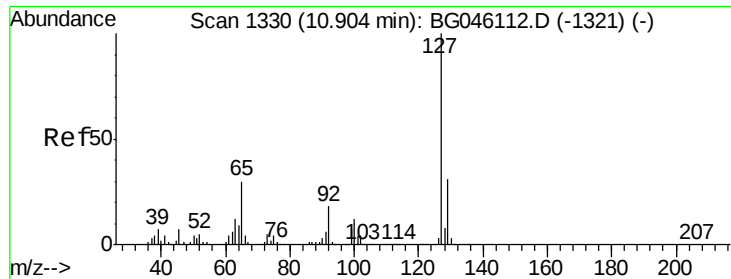
mohammad
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#32
Benzoic acid
Concen: 42.095 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.02 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.5	103.0	143.0	
77	92.1	75.2	115.2	





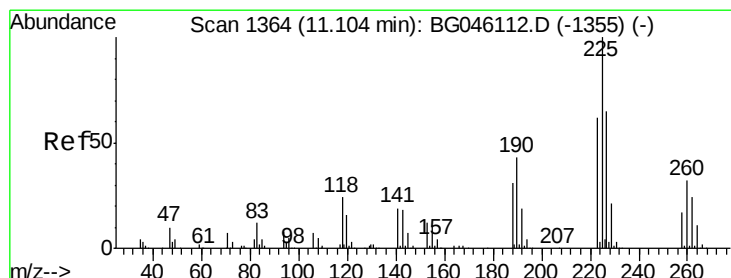
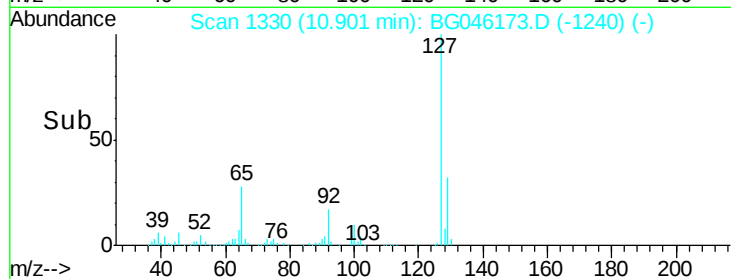
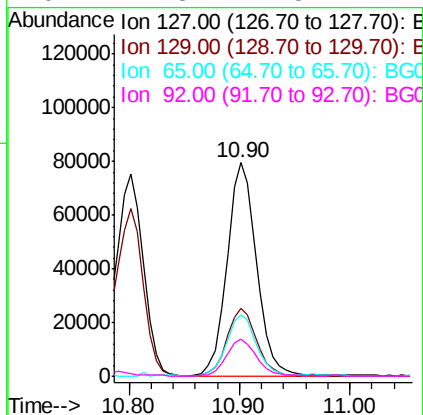
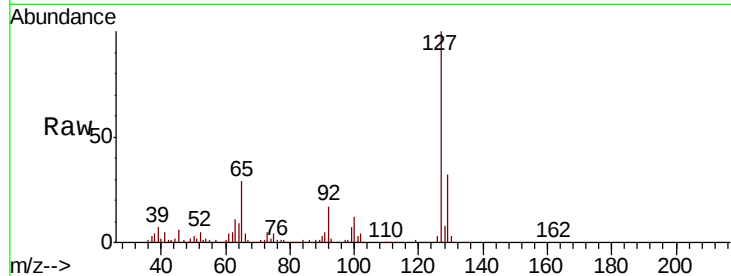
#33
4-Chloroaniline
Concen: 15.784 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.2	37.8		
65	28.6	24.2	36.2		
92	17.3	14.5	21.7		

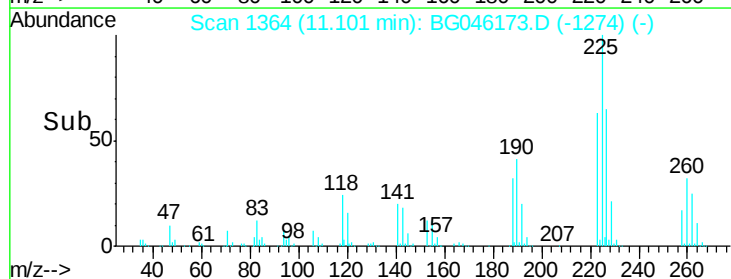
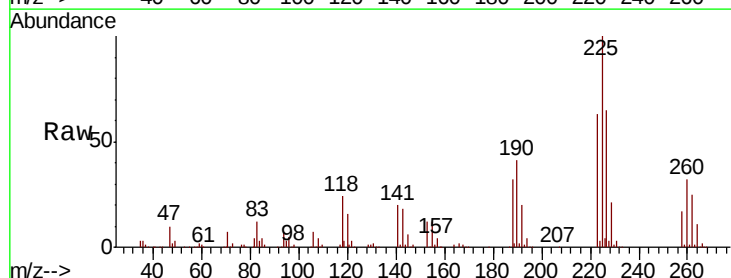
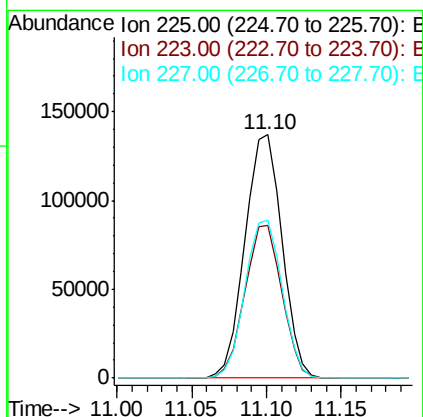
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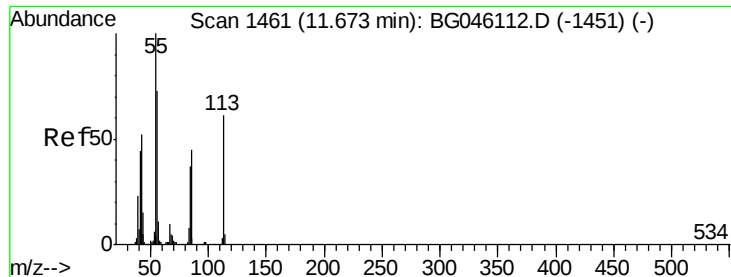
mohammad
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#34
Hexachlorobutadiene
Concen: 40.265 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.8	74.6		
227	65.1	51.9	77.9		





#35

Caprolactam

Concen: 46.170 ng/mL

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

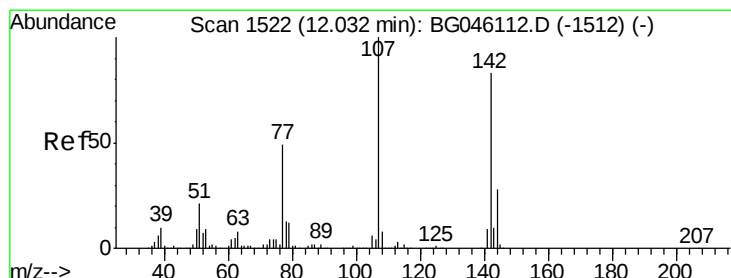
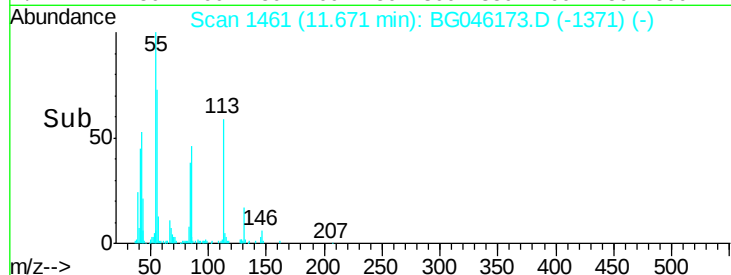
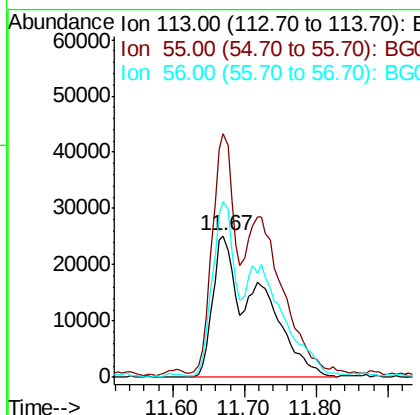
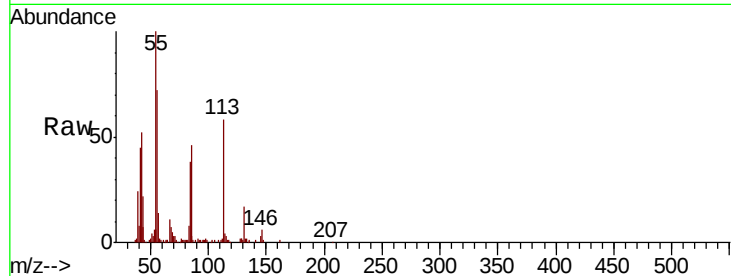
ClientSampleId :

SB-1MS

Tot Ion:	113	Resp:	113264
Ion	Ratio	Lower	Upper
113	100		
55	171.7	144.7	184.7
56	123.8	99.4	139.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 43.675 ng/mL

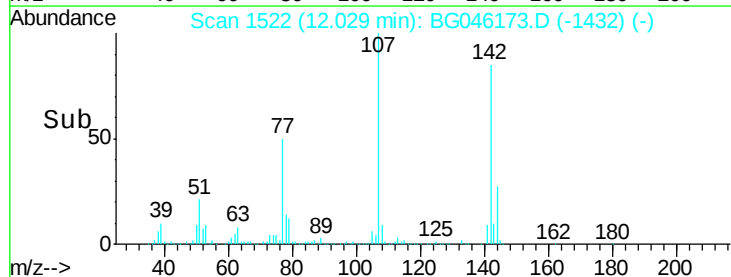
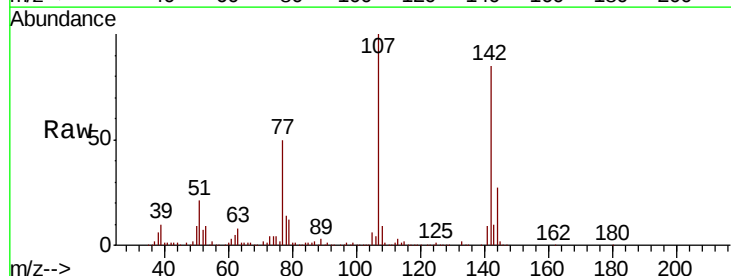
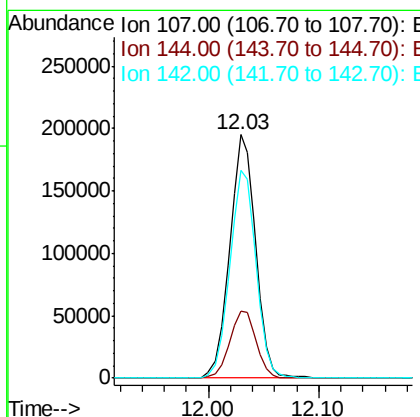
RT: 12.03 min Scan# 1522

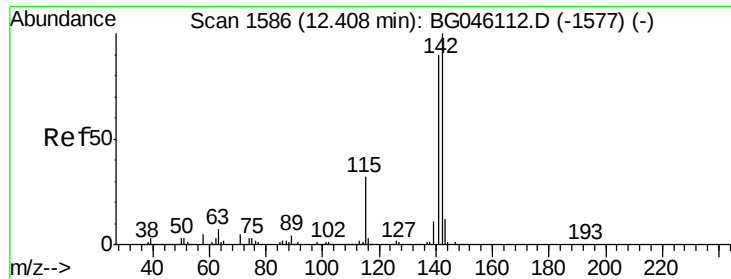
Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	107	Resp:	321238
Ion	Ratio	Lower	Upper
107	100		
144	27.3	22.4	33.6
142	85.4	66.6	100.0





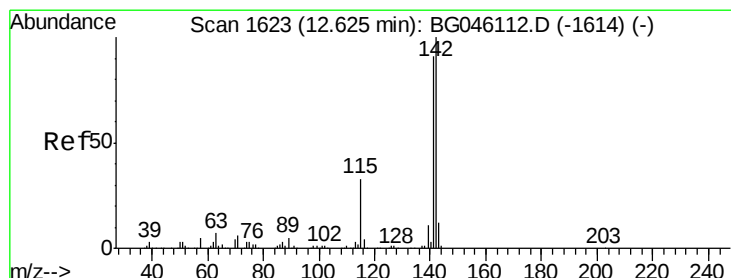
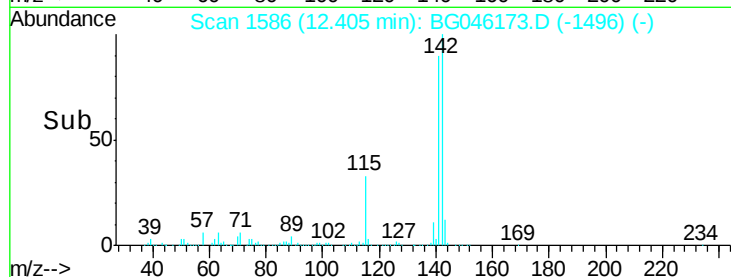
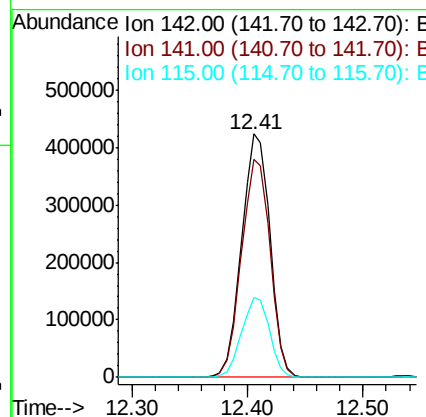
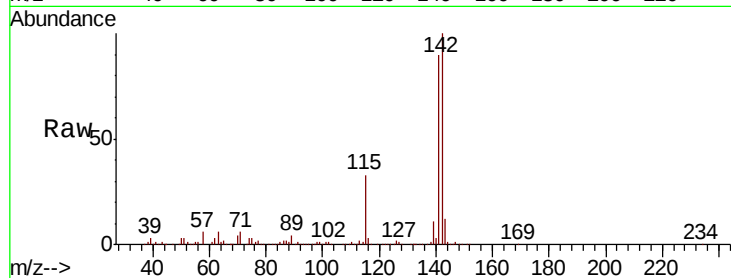
#37
2-Methylnaphthalene
Concen: 40.397 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.7	107.5
115	32.7	25.8	38.8

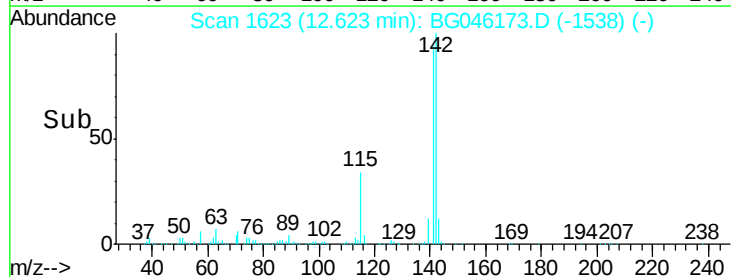
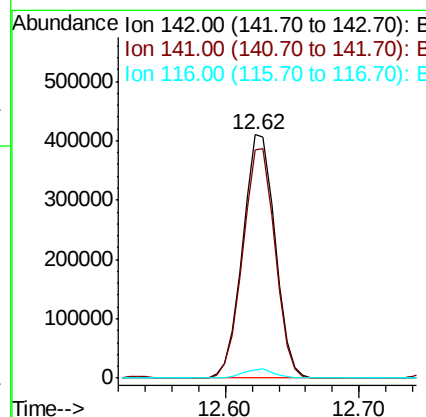
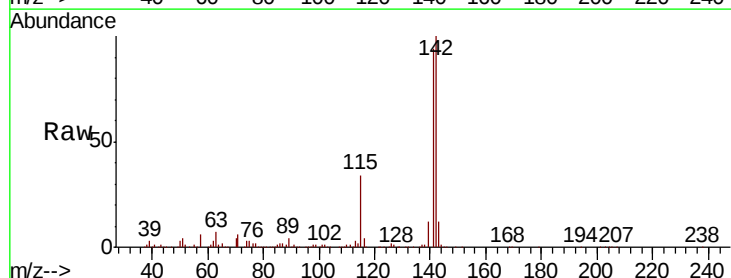
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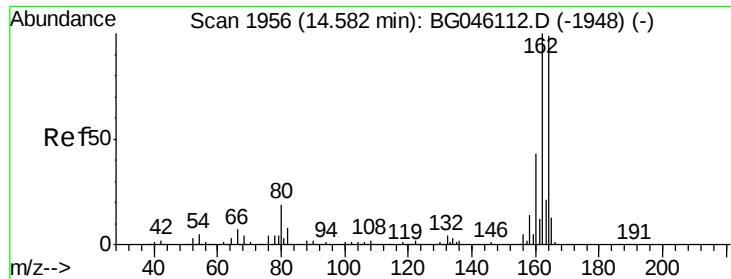
mohammad
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#38
1-Methylnaphthalene
Concen: 40.608 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.0	109.4
116	3.6	2.8	4.2





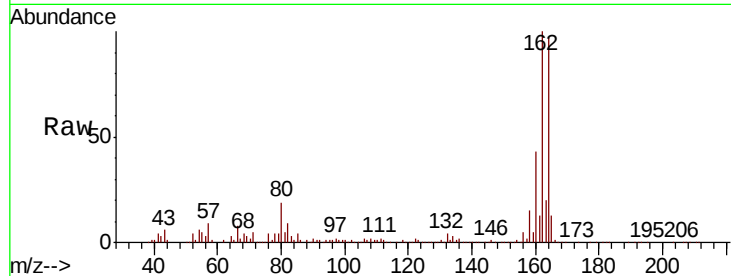
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	121.0
160	44.1	34.9	52.3

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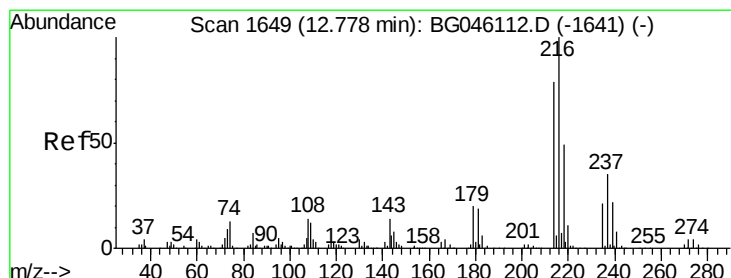
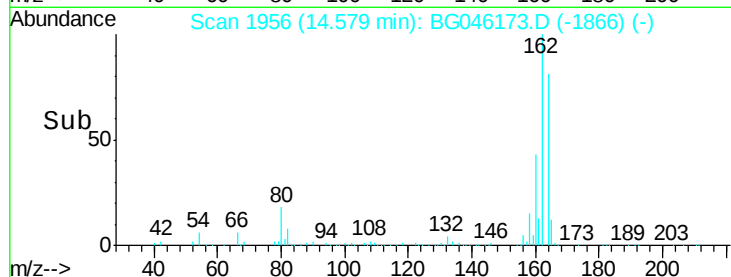
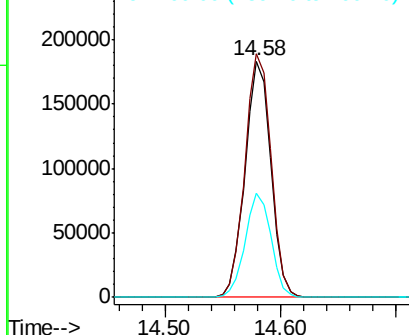


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.997 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.7	94.1
179	18.9	15.0	22.6
108	16.1	11.6	17.4

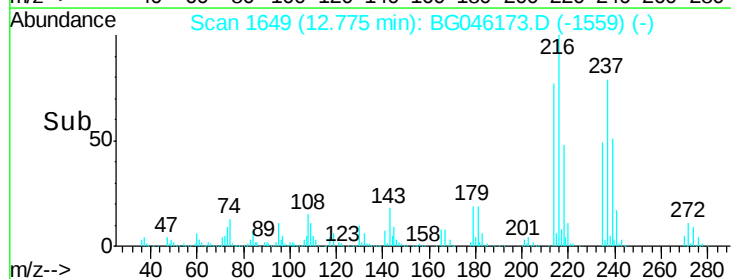
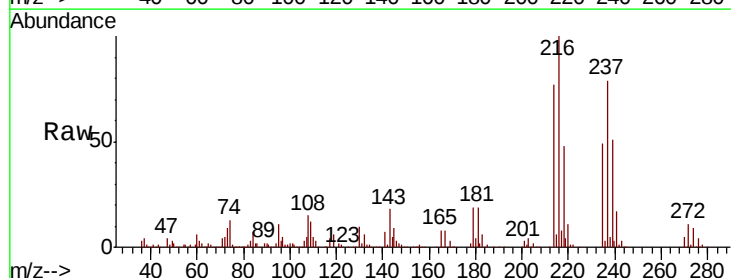
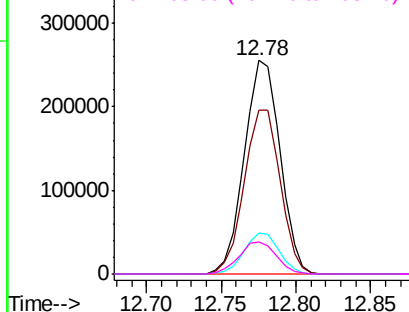
Abundance

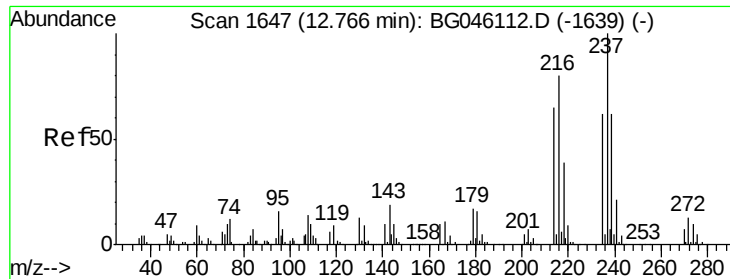
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.458 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

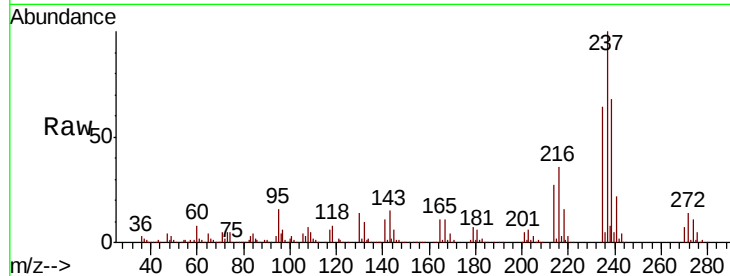
ClientSampleId :

SB-1MS

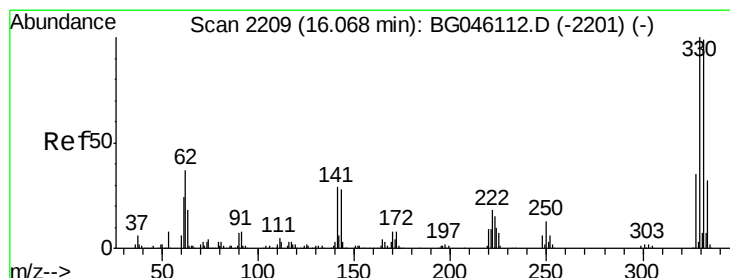
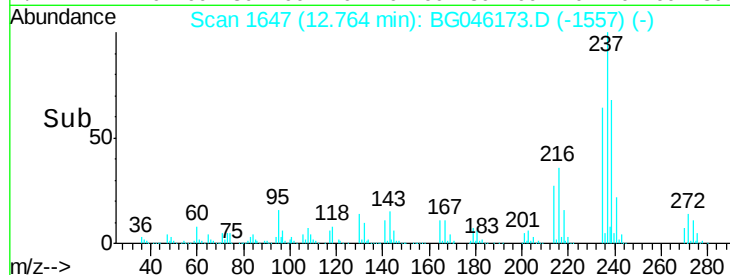
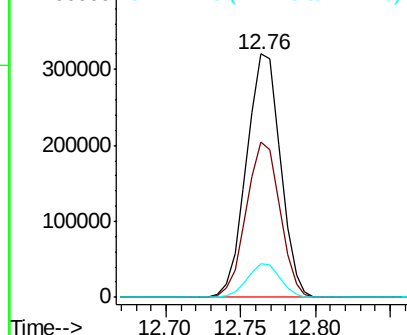
Tot Ion:	237	Resp:	504583
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.3	82.3
272	14.1	0.0	32.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.201 ng

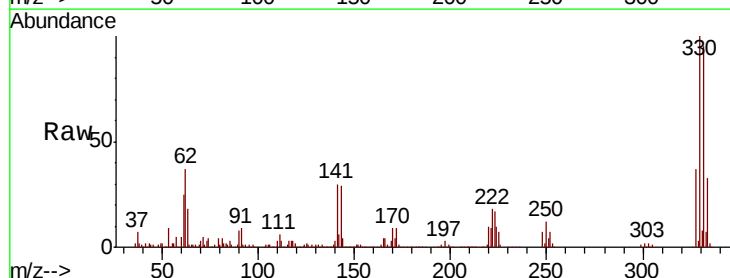
RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

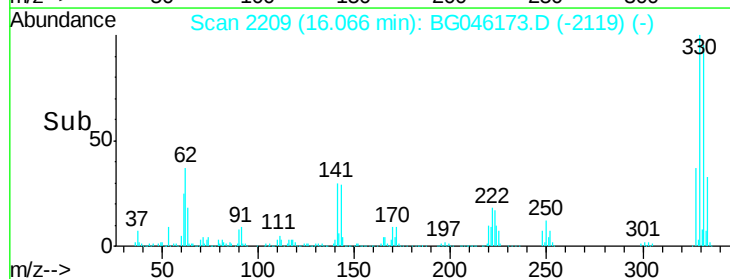
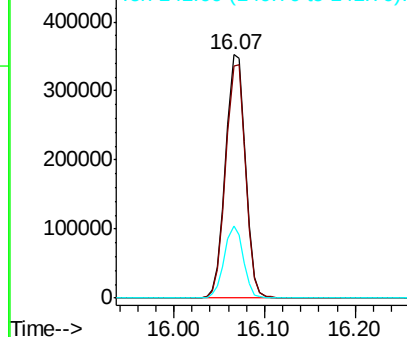
Lab File: BG046173.D

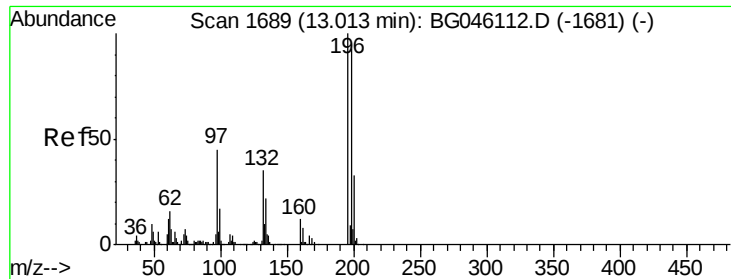
Acq: 5 Aug 2020 13:51

Tgt Ion:	330	Resp:	536253
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.2
141	28.3	23.4	35.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





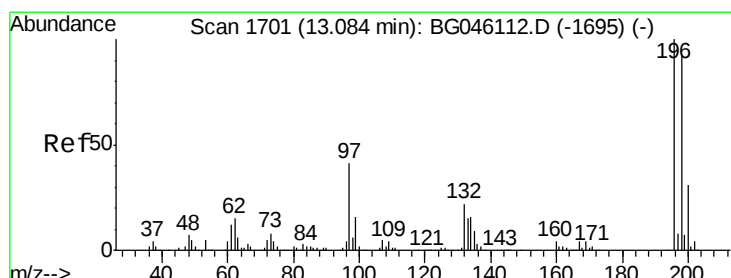
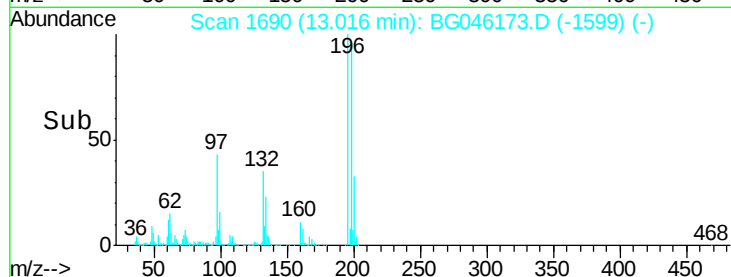
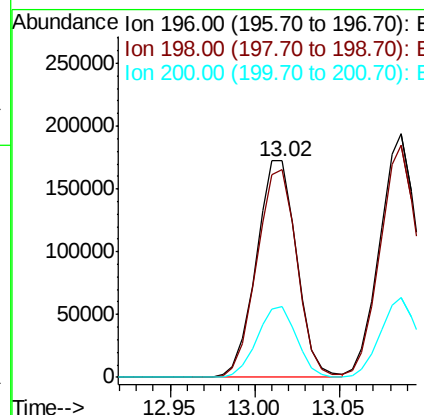
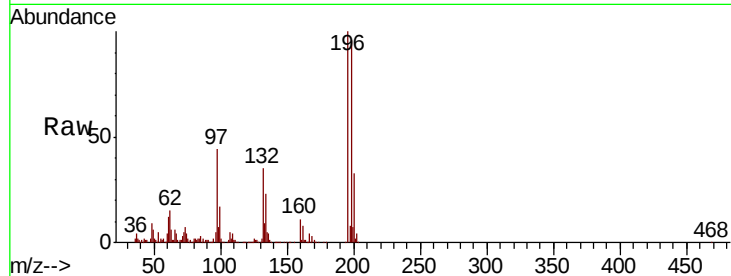
#43
 2,4,6-Trichlorophenol
 Concen: 43.510 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	285748		
198	95.9	74.2	111.4	
200	32.7	26.0	39.0	

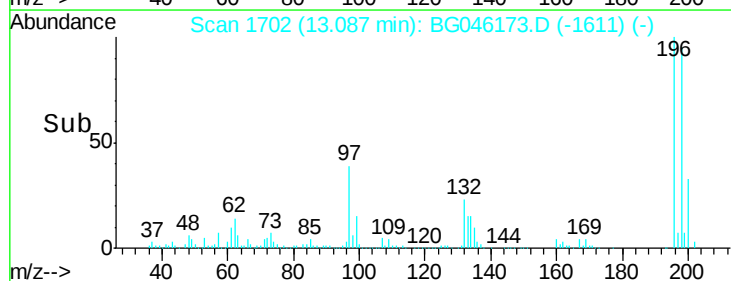
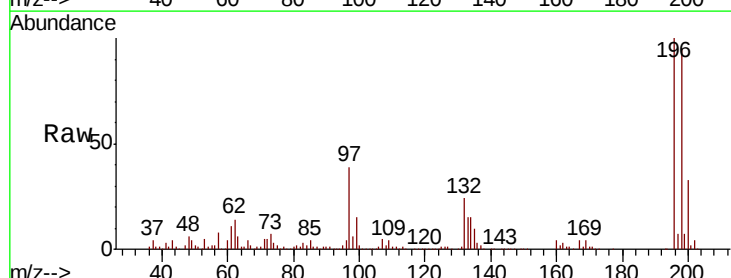
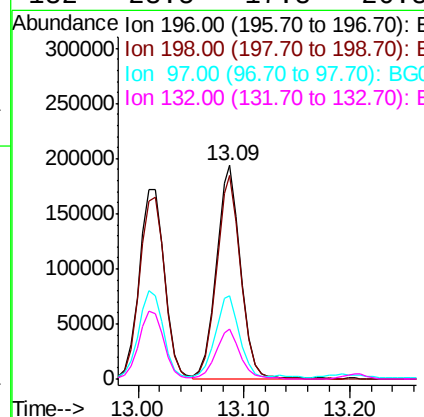
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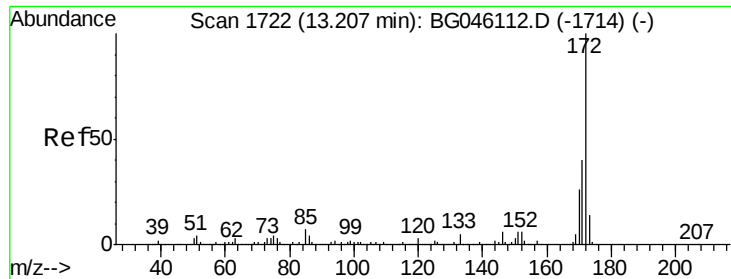
mohammad
 8/6/2020 1:20:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.107 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308890		
198	95.1	73.9	110.9	
97	38.9	32.7	49.1	
132	23.5	17.8	26.8	





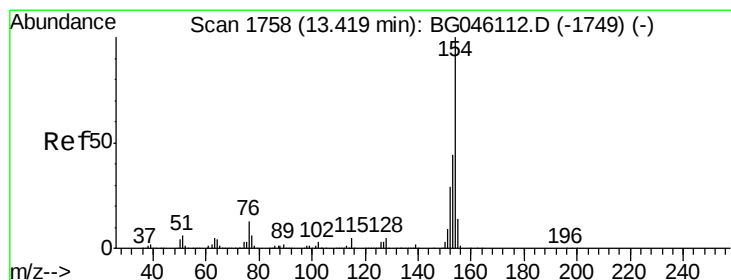
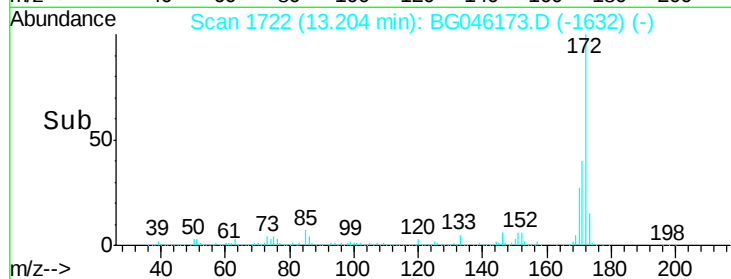
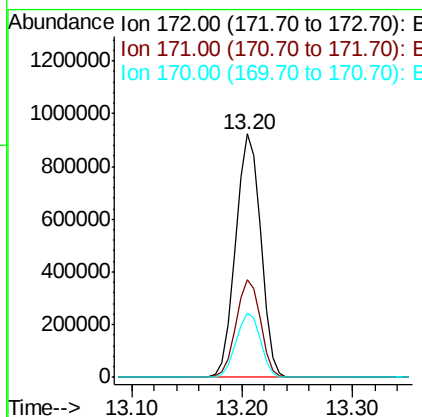
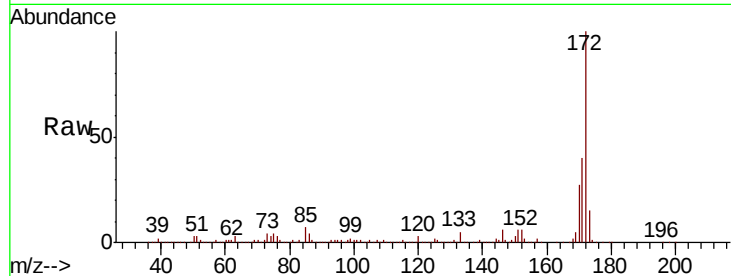
#45
2-Fluorobiphenyl
Concen: 75.156 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.7	47.5
170	26.6	20.9	31.3

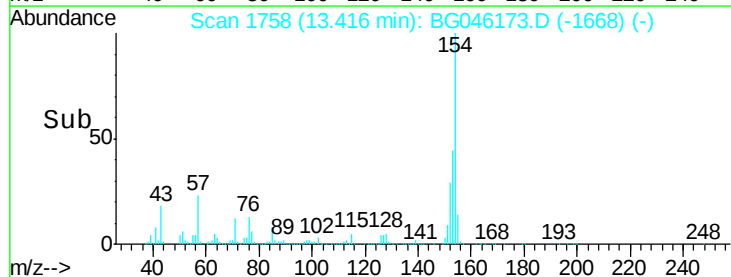
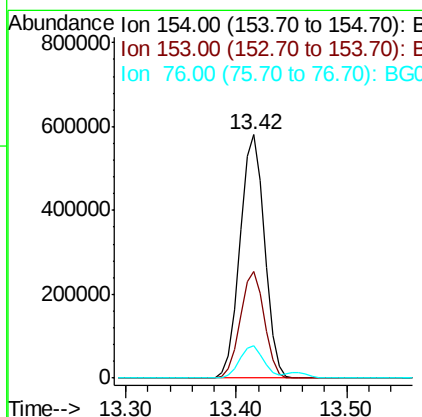
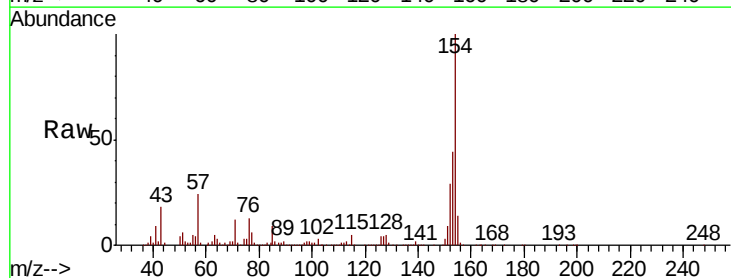
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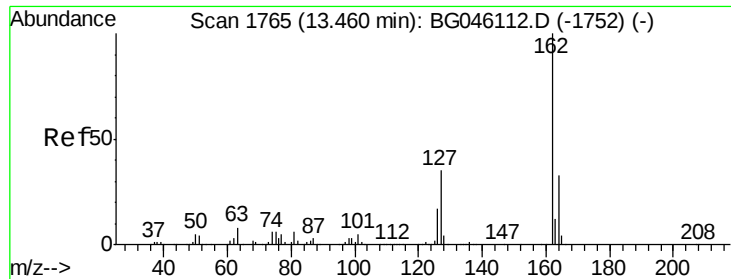
mohammad
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#46
1,1'-Biphenyl
Concen: 40.476 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.7	63.7
76	13.4	0.0	32.9





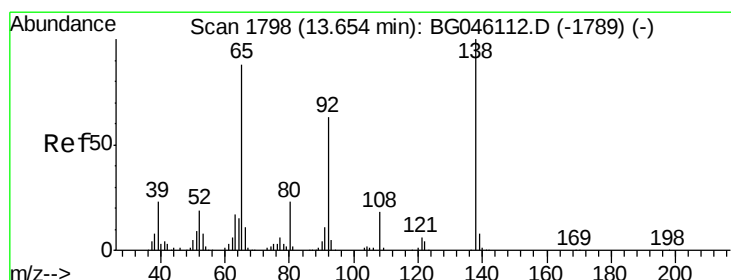
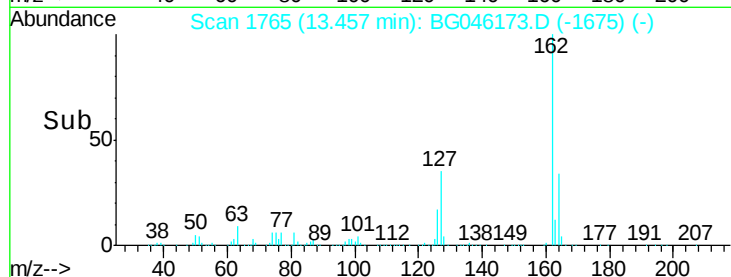
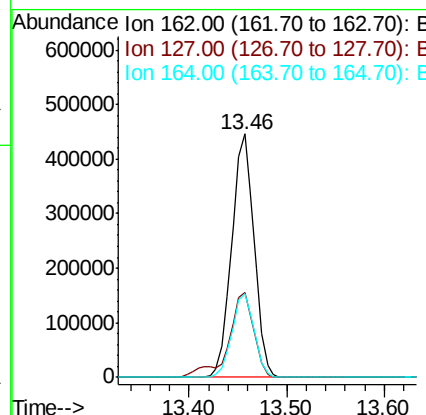
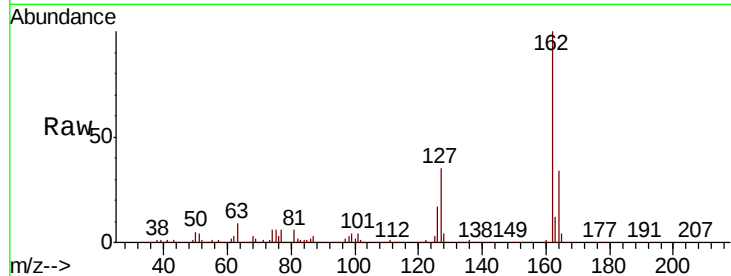
#47
 2-Chloronaphthalene
 Concen: 39.640 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.0	42.0
164	34.4	26.5	39.7

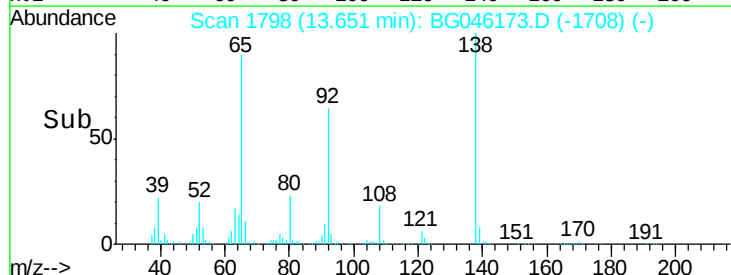
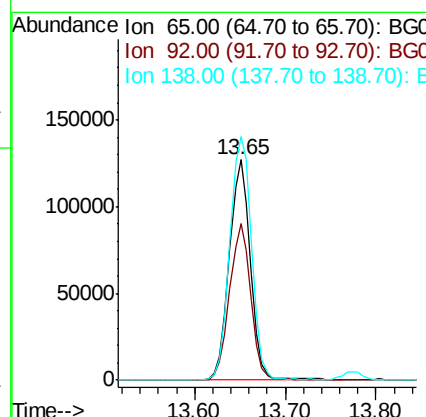
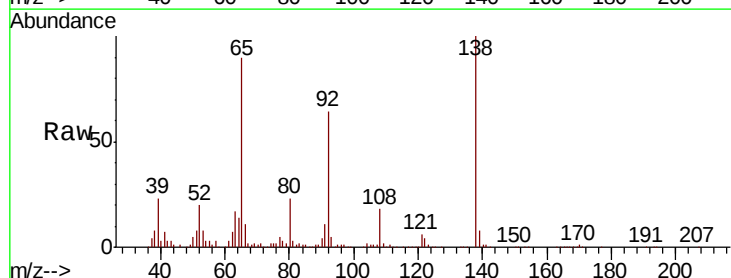
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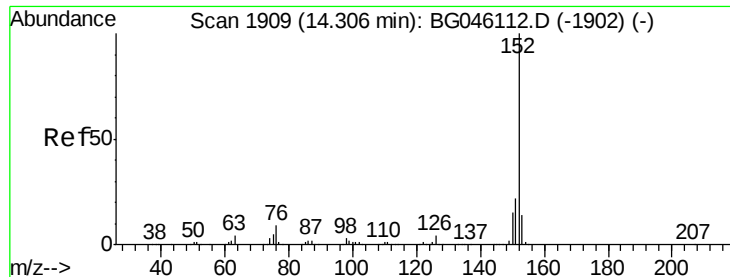
mohammad
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#48
 2-Nitroaniline
 Concen: 43.942 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.4	86.2
138	110.5	91.1	136.7





#49

Acenaphthylene

Concen: 40.743 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion:152 Resp: 1131030

Ion Ratio Lower Upper

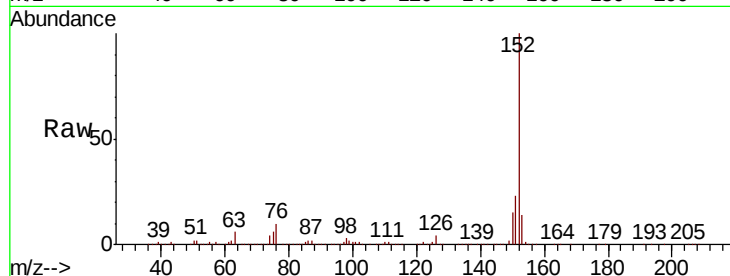
152 100

151 22.5 17.4 26.2

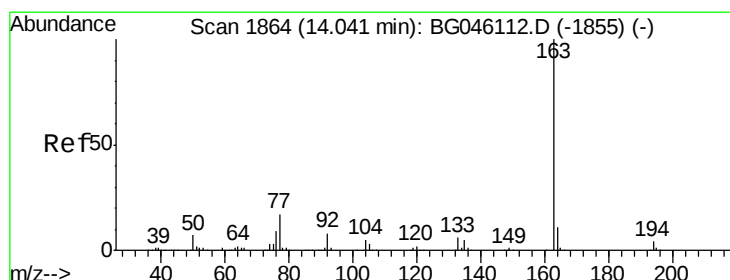
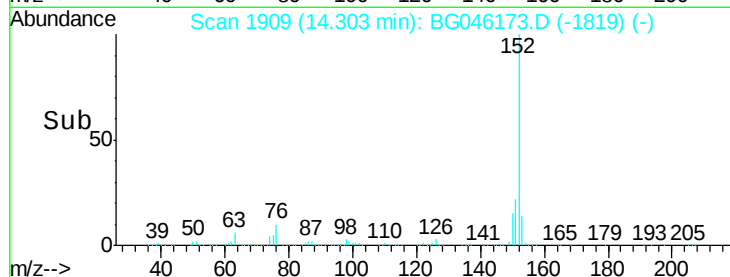
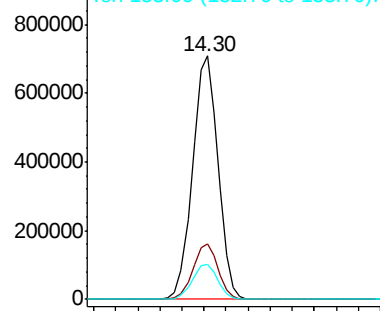
153 14.4 10.9 16.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.687 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

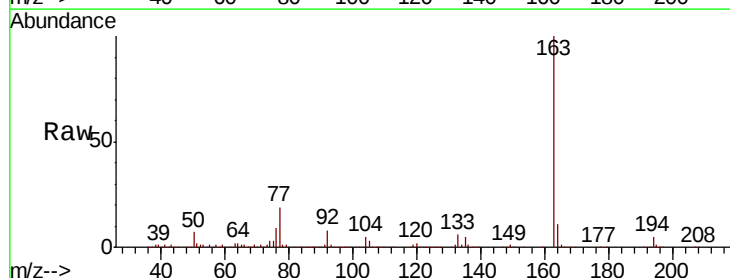
Tgt Ion:163 Resp: 1111468

Ion Ratio Lower Upper

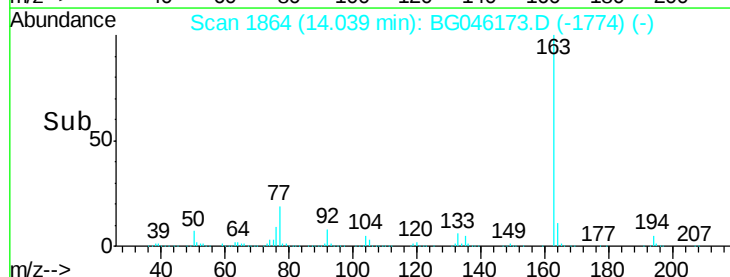
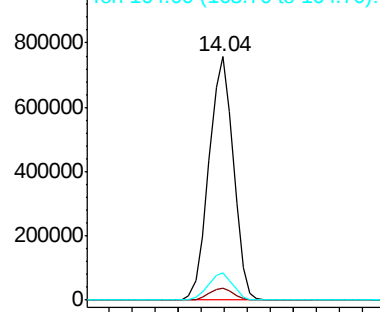
163 100

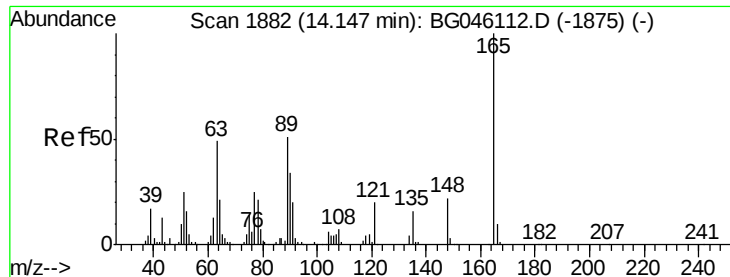
194 4.8 3.5 5.3

164 11.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.358 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

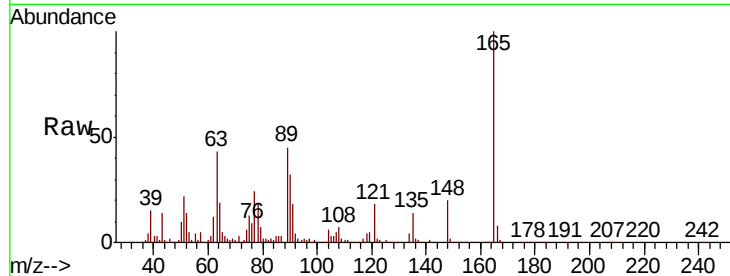
ClientSampleId :

SB-1MS

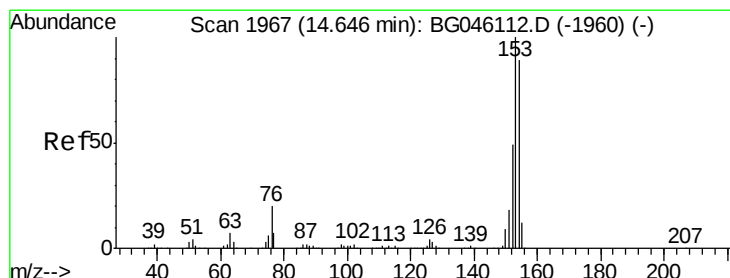
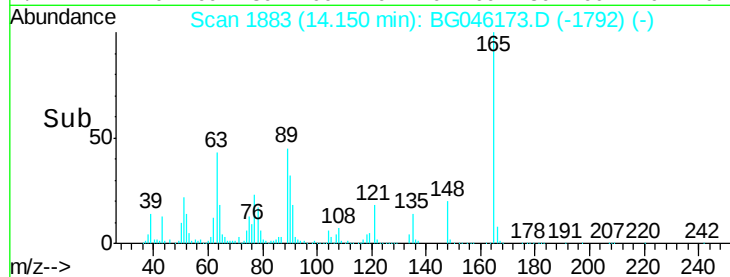
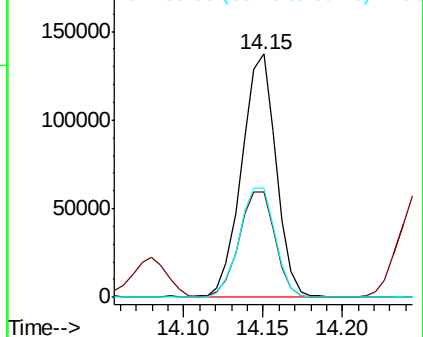
Tot Ion:	165	Resp:	205960
Ion Ratio		Lower	Upper
165	100		
63	43.2	39.7	59.5
89	45.1	41.0	61.6

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Abundance Ion 165.00 (164.70 to 165.70): E



#52

Acenaphthene

Concen: 43.695 ng m

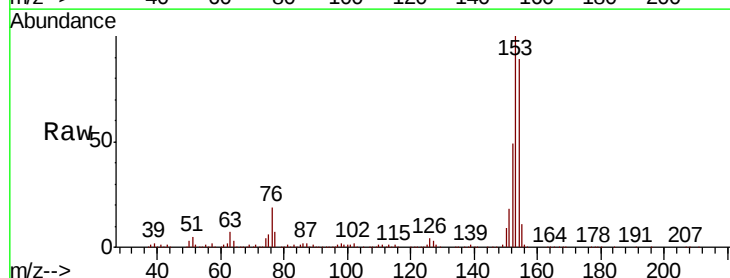
RT: 14.64 min Scan# 1967

Delta R.T. -0.00 min

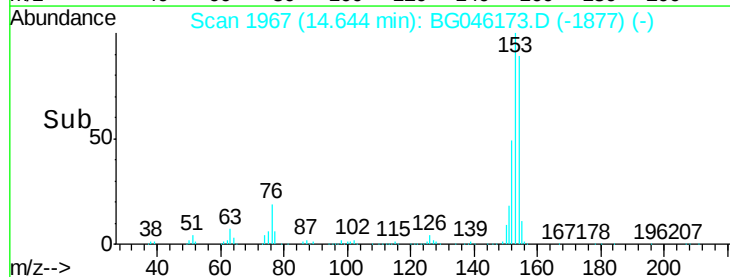
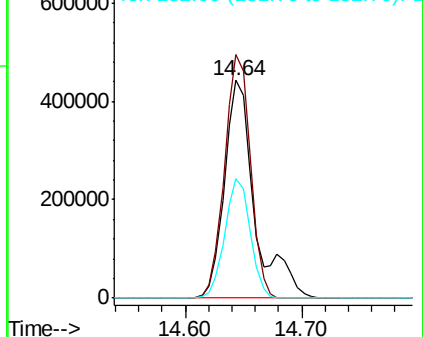
Lab File: BG046173.D

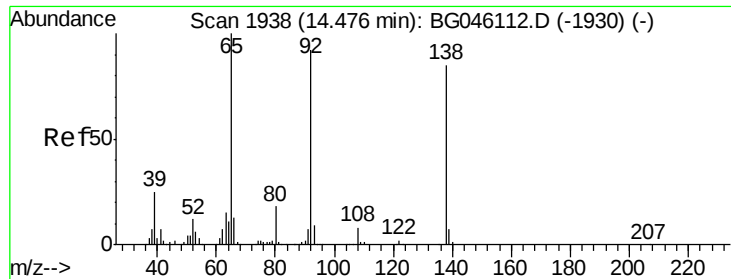
Acq: 5 Aug 2020 13:51

Tgt Ion:	154	Resp:	800550
Ion Ratio		Lower	Upper
154	100		
153	112.0	89.8	134.8
152	55.2	44.5	66.7



Abundance Ion 154.00 (153.70 to 154.70): E





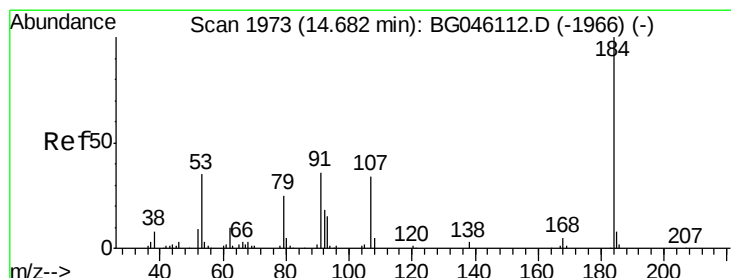
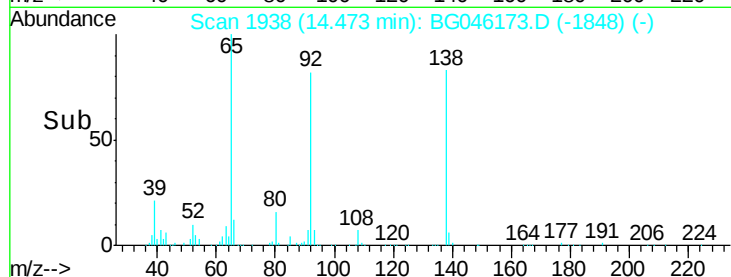
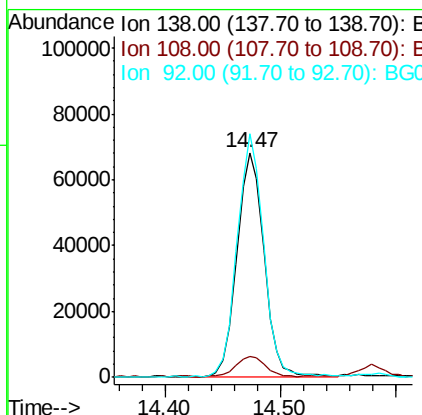
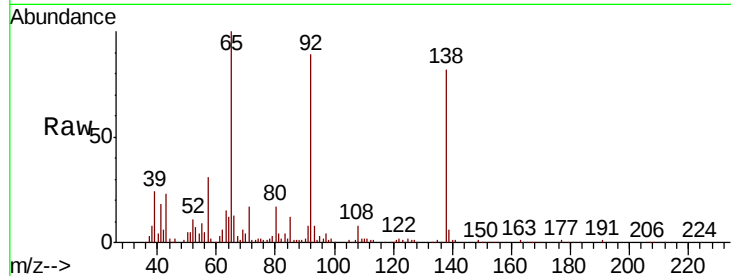
#53
3-Nitroaniline
Concen: 21.833 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.2	10.8
92	108.5	87.5	131.3

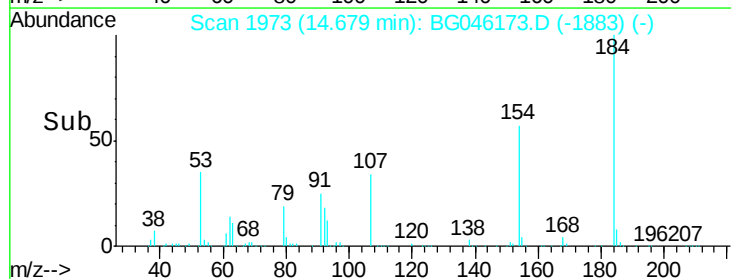
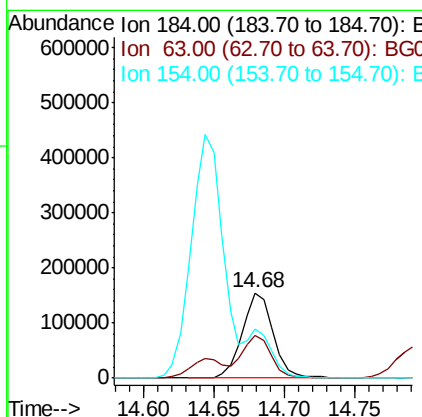
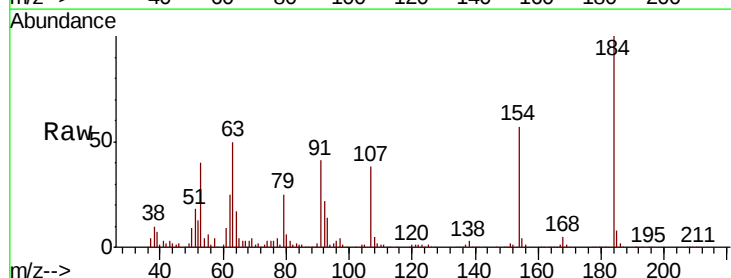
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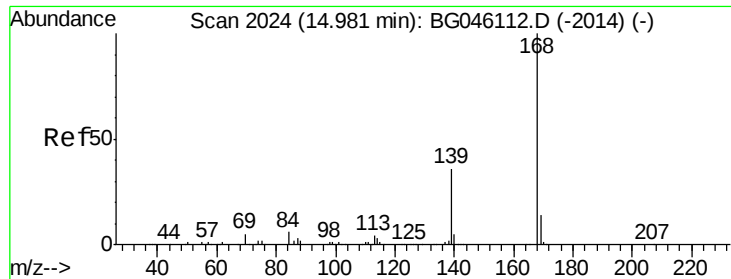
mohammad
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#54
2,4-Dinitrophenol
Concen: 73.391 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.5	36.7	55.1
154	57.2	41.3	61.9





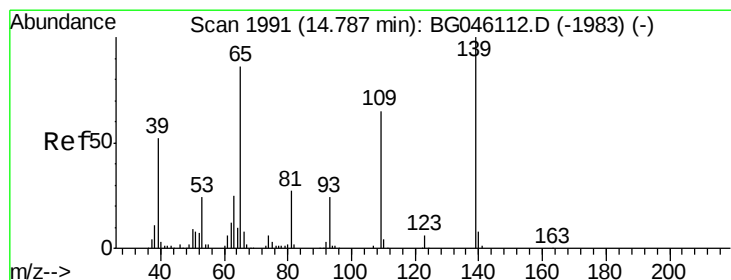
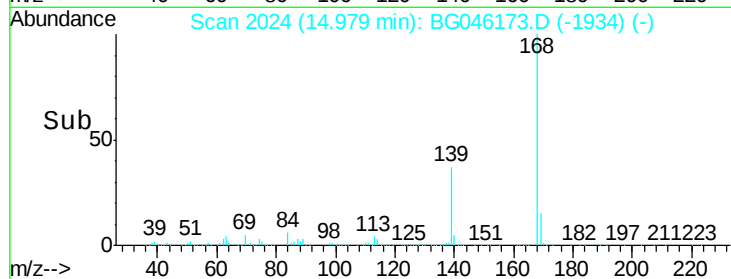
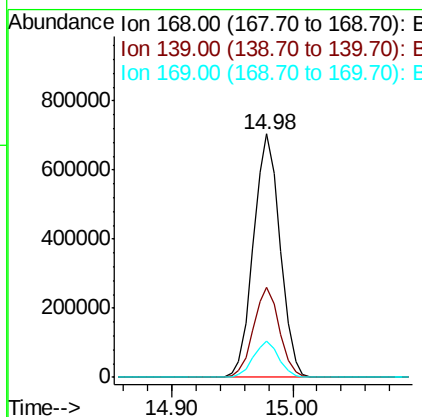
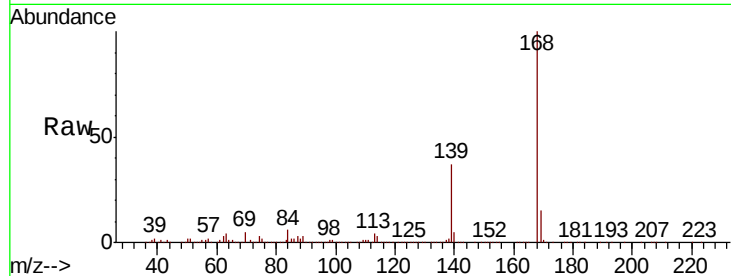
#55
Dibenzenofuran
Concen: 39.043 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.0	43.4
169	14.9	11.3	16.9

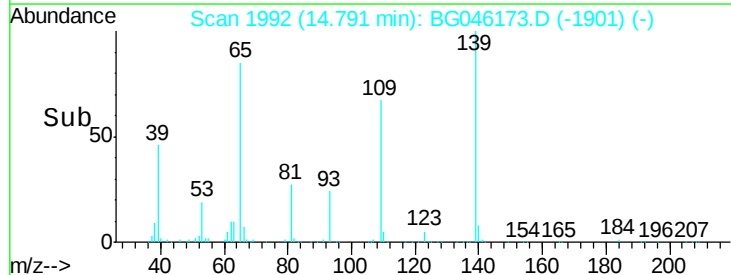
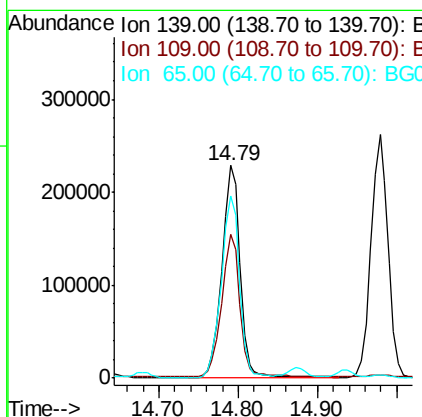
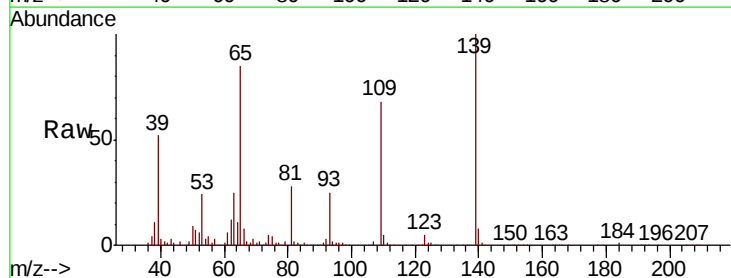
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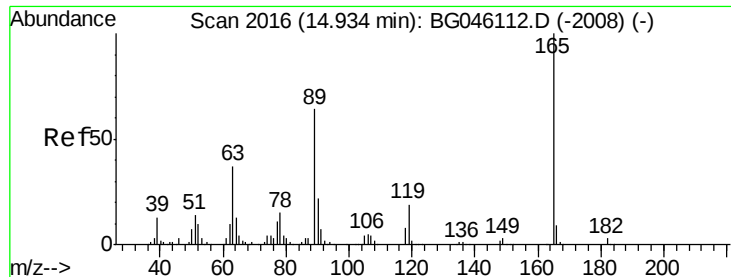
mohammad
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#56
4-Nitrophenol
Concen: 83.249 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	45.1	85.1
65	85.3	66.4	106.4





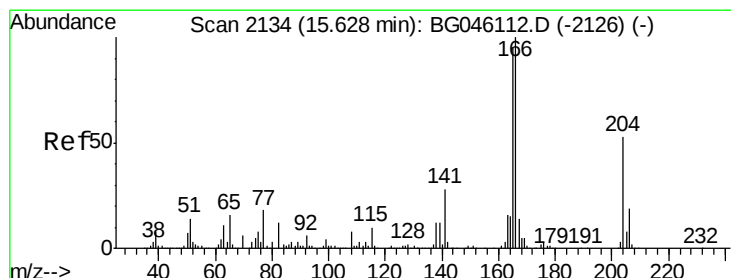
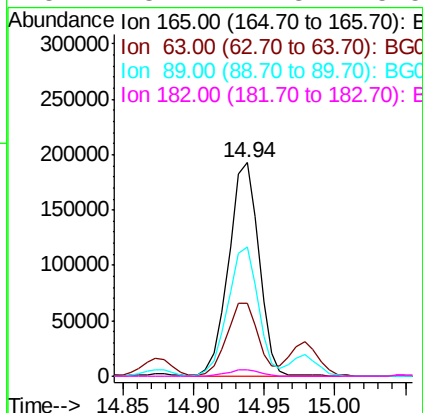
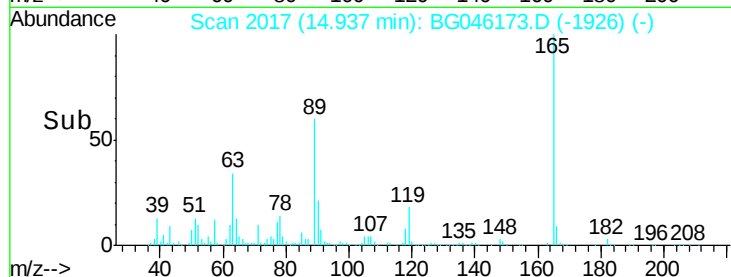
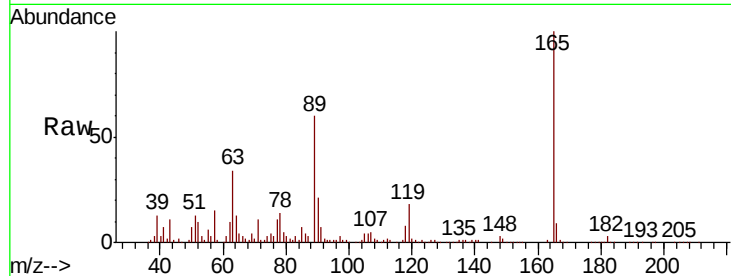
#57
2,4-Dinitrotoluene
Concen: 40.776 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		286112		
63	34.4		30.1	45.1	
89	60.3		51.4	77.2	
182	3.1		2.3	3.5	

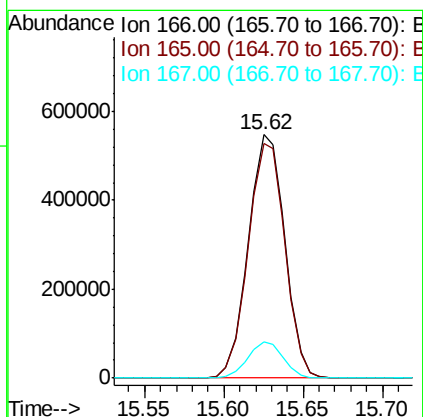
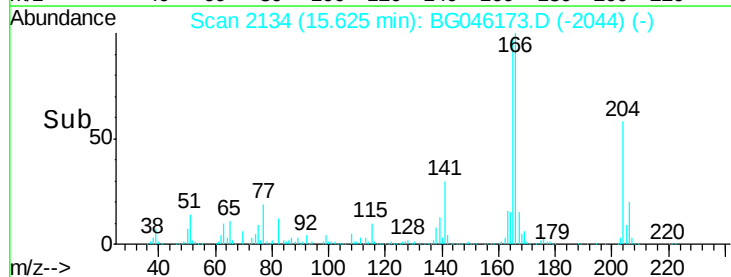
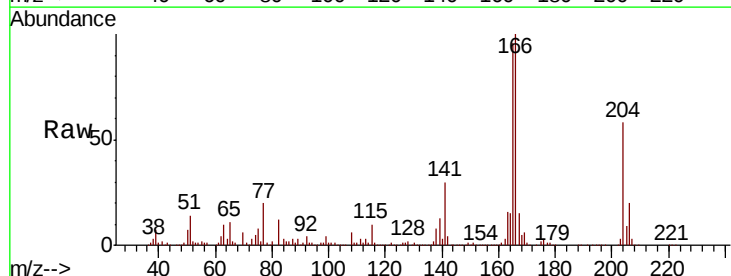
Manual Integrations
APPROVED

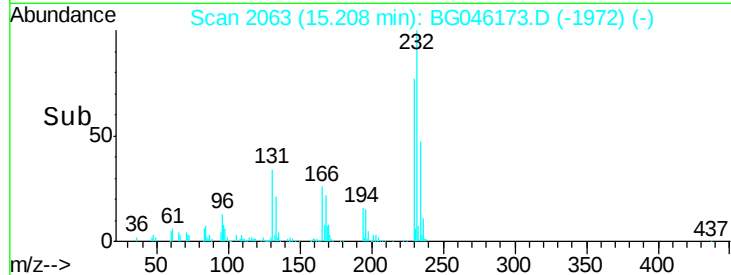
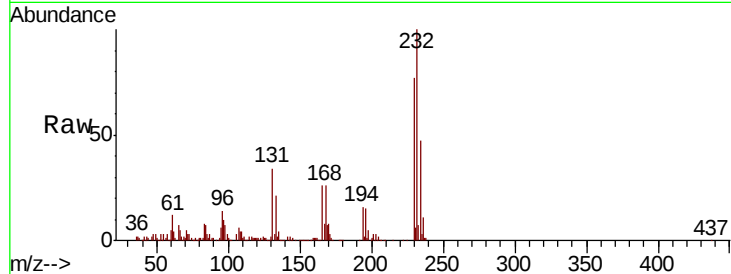
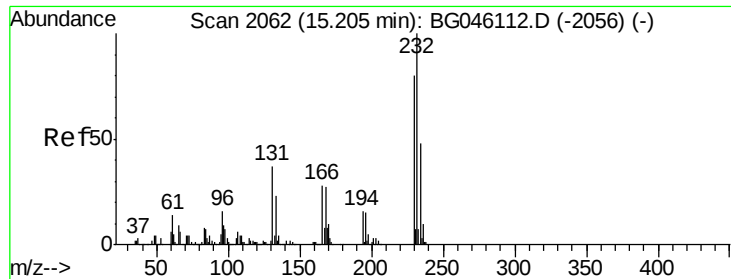
mohammad
8/6/2020 1:20:33 PM



#58
Fluorene
Concen: 39.041 ng
RT: 15.62 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		874082		
165	96.3		76.3	114.5	
167	14.8		11.0	16.6	





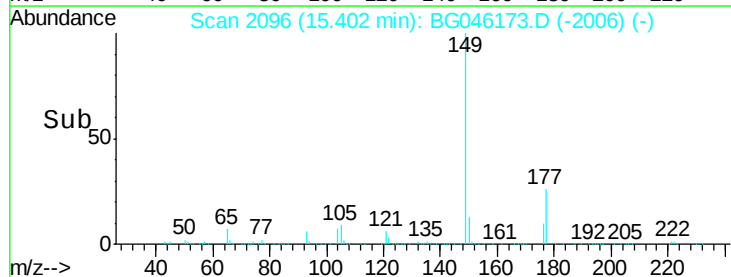
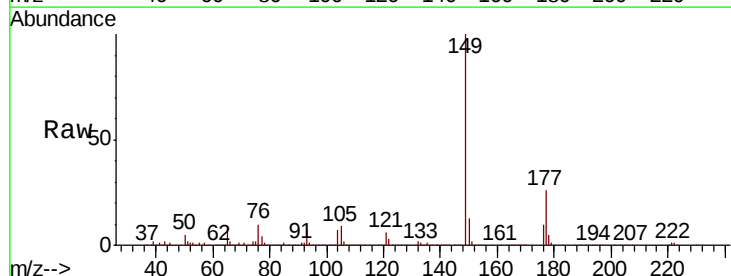
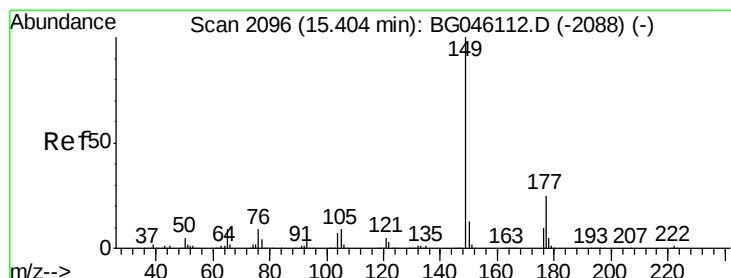
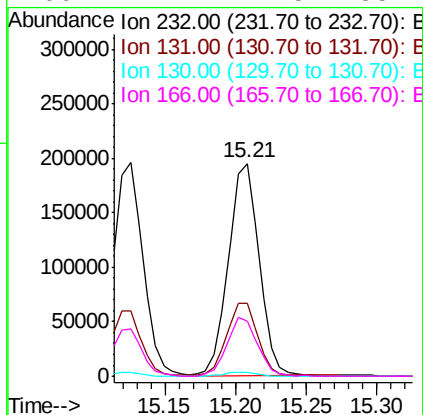
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.807 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	295675		
131	35.0	28.6	42.8	
130	2.0	1.6	2.4	
166	27.7	22.5	33.7	

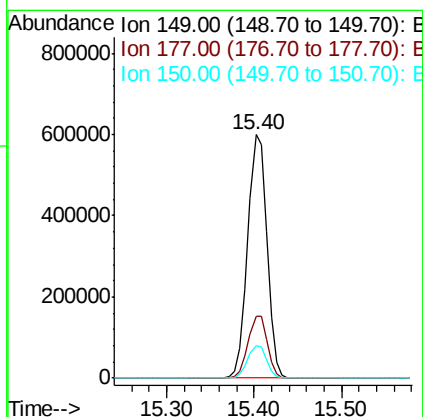
Manual Integrations
APPROVED

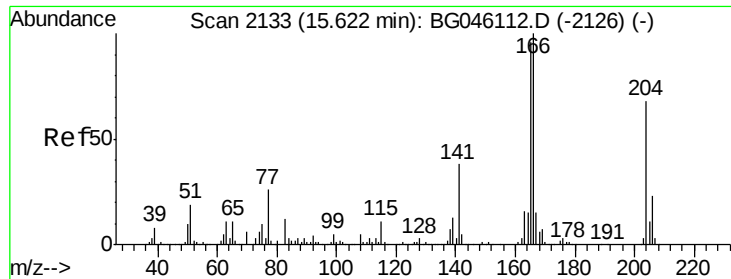
mohammad
8/6/2020 1:20:33 PM



#60
Diethylphthalate
Concen: 40.694 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	877796		
177	25.6	19.7	29.5	
150	13.2	10.8	16.2	





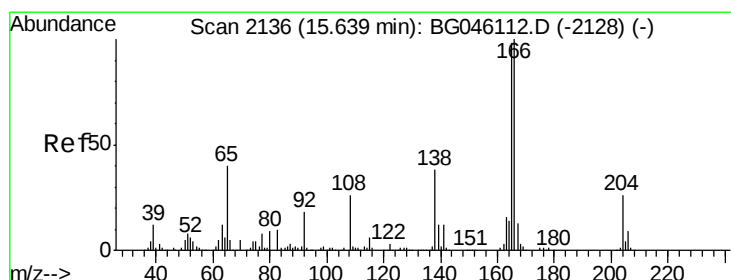
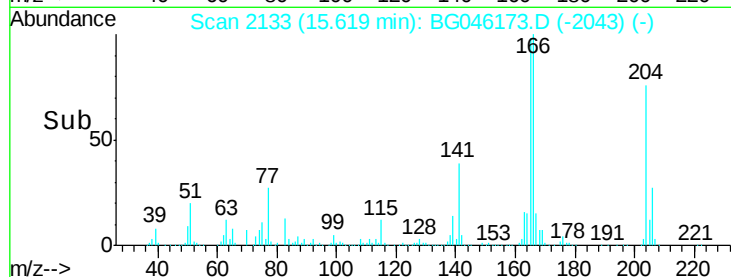
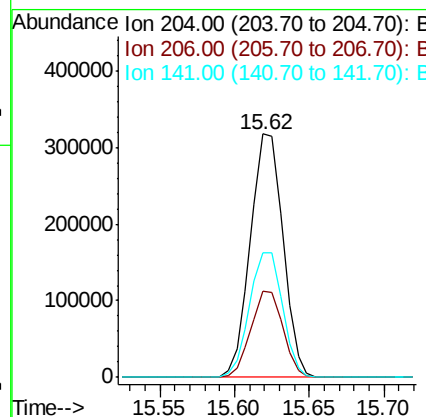
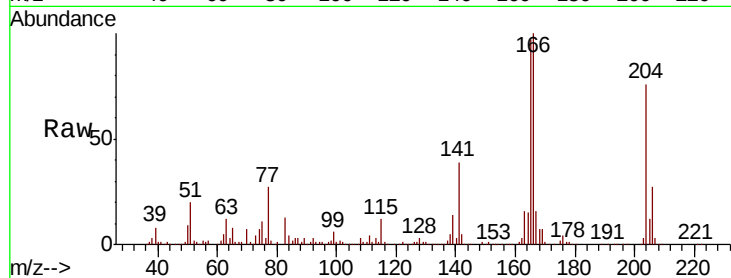
#61
4-Chlorophenyl-phenylether
Concen: 40.992 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	27.7	41.5
141	51.3	44.7	67.1

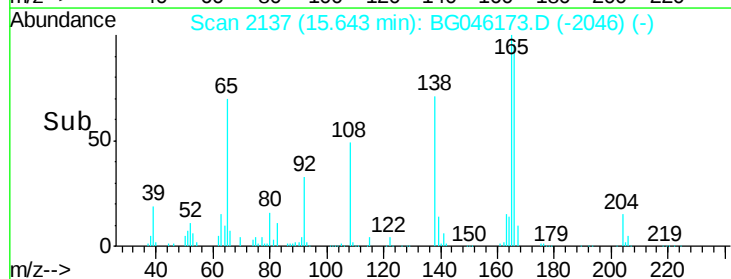
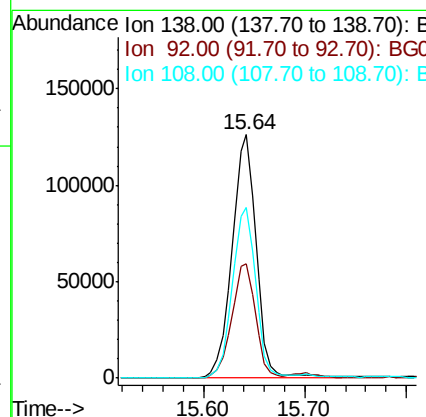
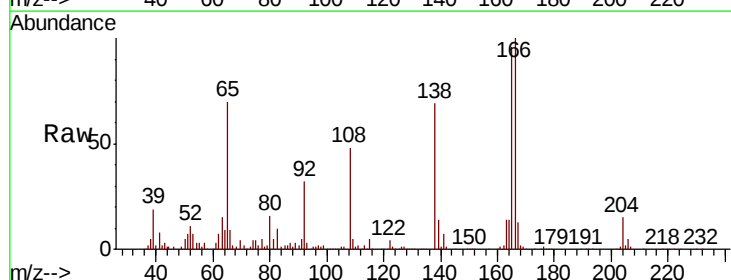
Manual Integrations
APPROVED

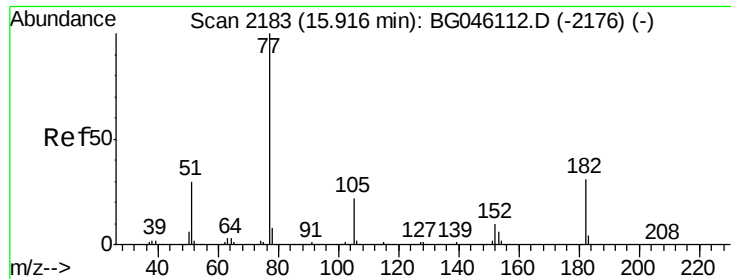
mohammad
8/6/2020 1:20:33 PM



#62
4-Nitroaniline
Concen: 40.980 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	28.3	68.3
108	70.1	49.2	89.2





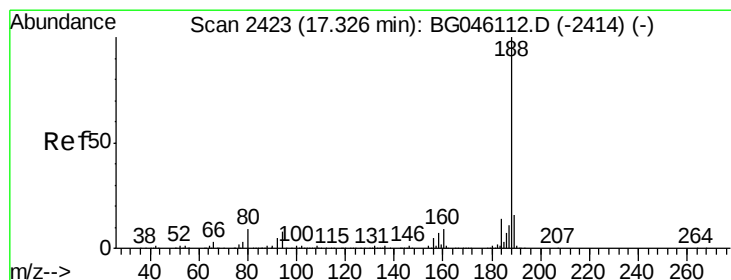
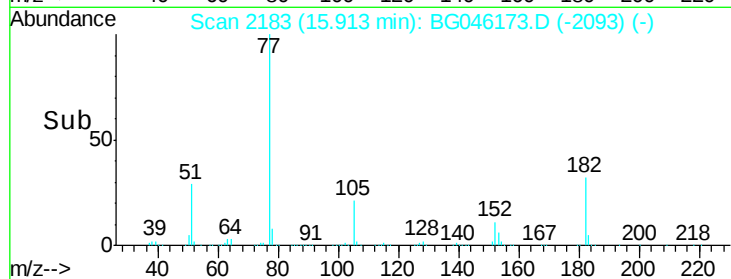
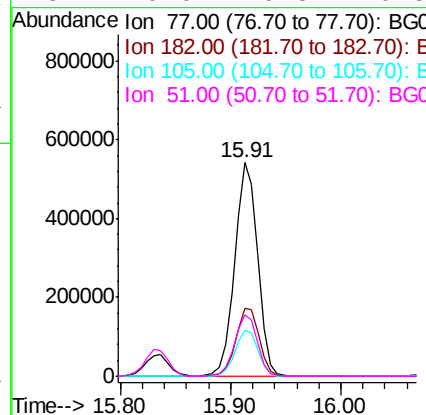
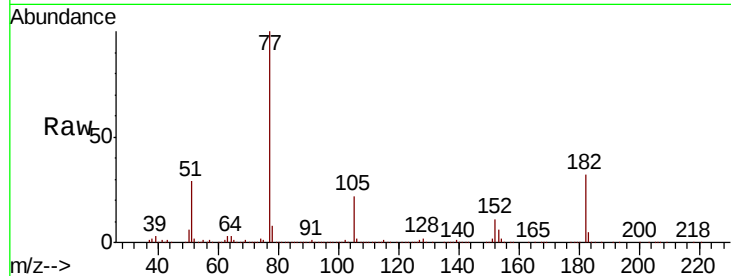
#63
Azobenzene
Concen: 38.832 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.9	10.7	50.7	
105	21.8	1.9	41.9	
51	29.0	9.5	49.5	

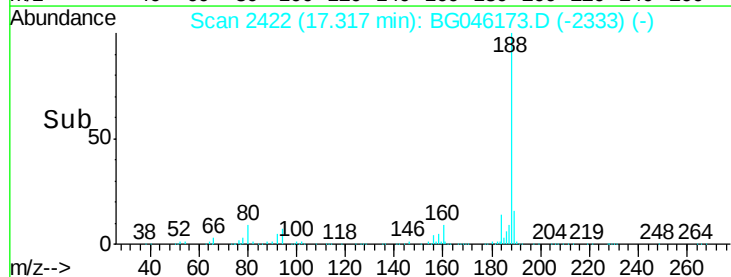
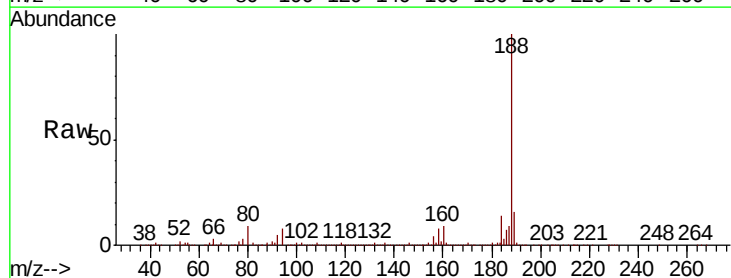
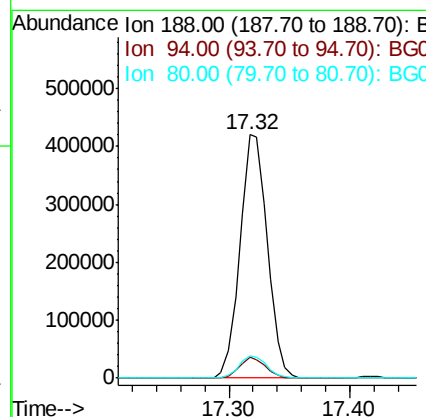
Manual Integrations
APPROVED

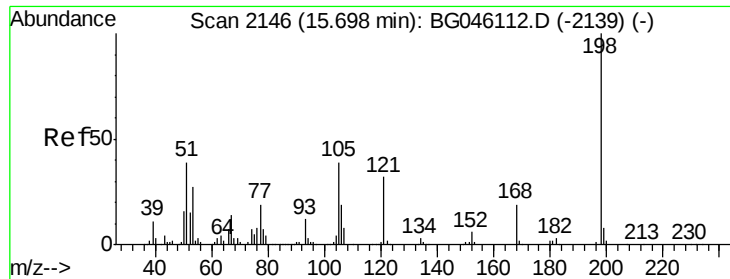
mohammad
8/6/2020 1:20:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	6.4	9.6	
80	9.2	7.4	11.0	





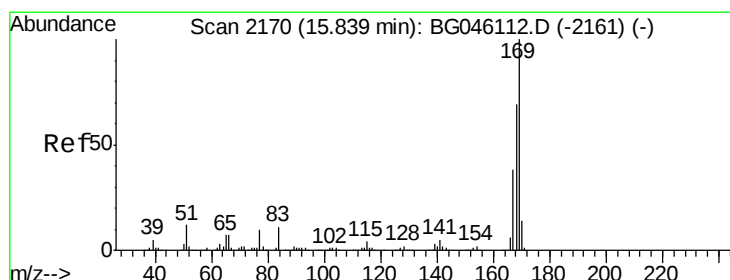
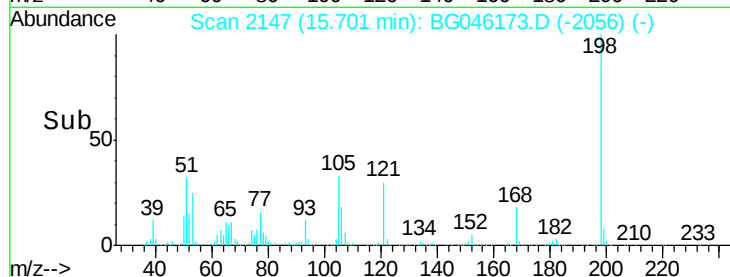
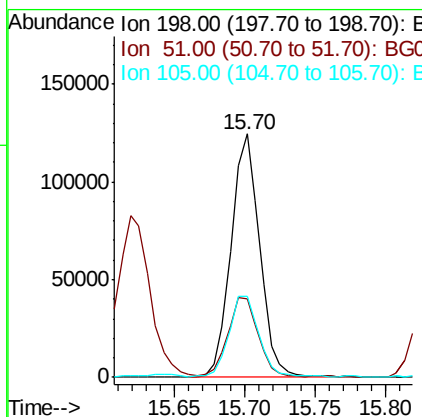
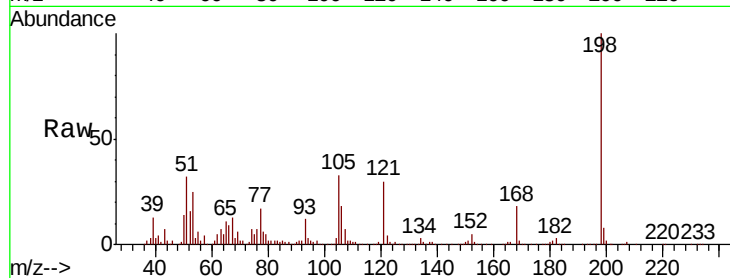
#65
4,6-Dinitro-2-methylphenol
Concen: 40.069 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	176009		
51	32.0		20.1	60.1
105	33.5		19.2	59.2

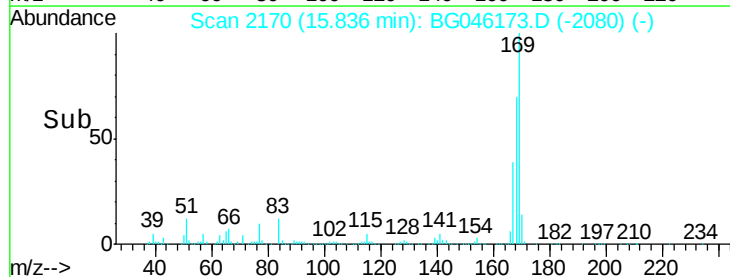
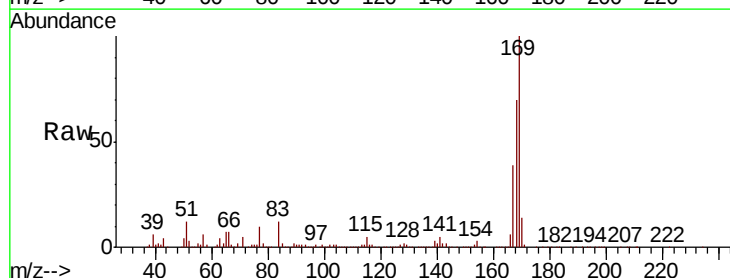
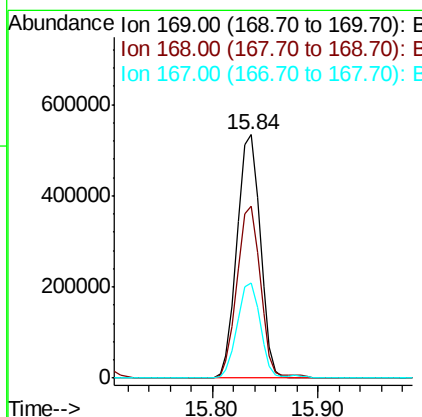
Manual Integrations
APPROVED

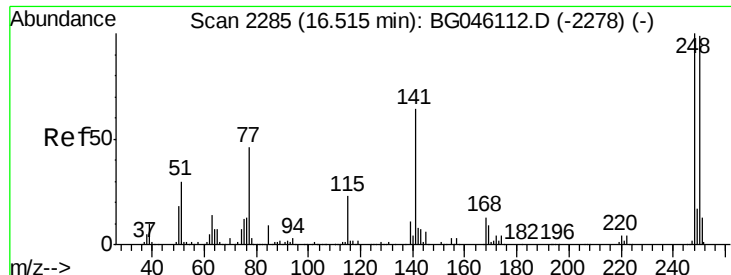
mohammad
8/6/2020 1:20:33 PM



#66
n-Nitrosodiphenylamine
Concen: 40.380 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	811845		
168	70.5		55.1	82.7
167	39.1		30.5	45.7





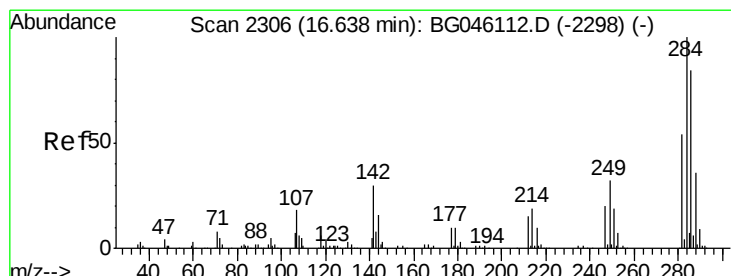
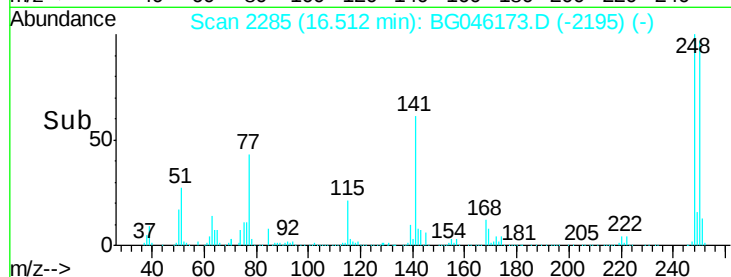
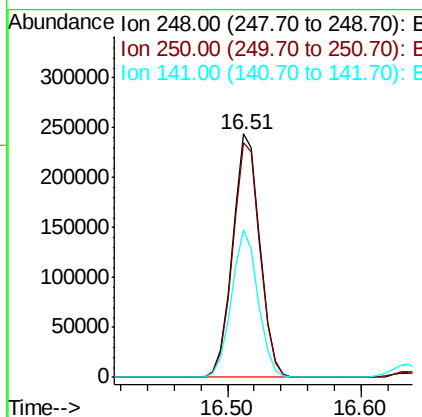
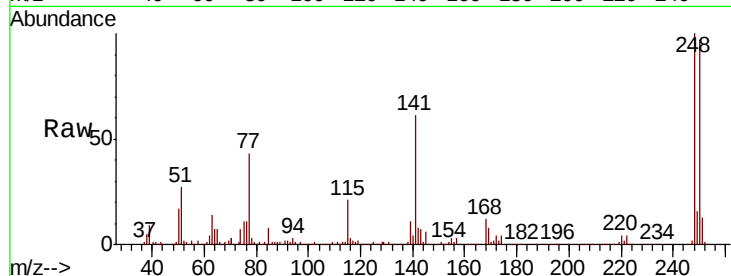
#67
 4-Bromophenyl-phenylether
 Concen: 42.031 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.4	119.0
141	60.7	50.9	76.3

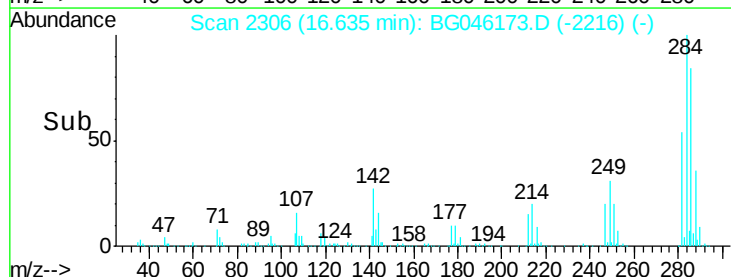
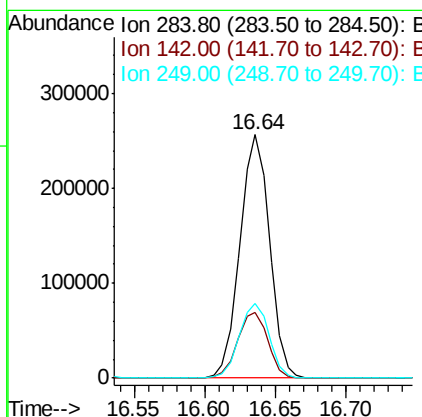
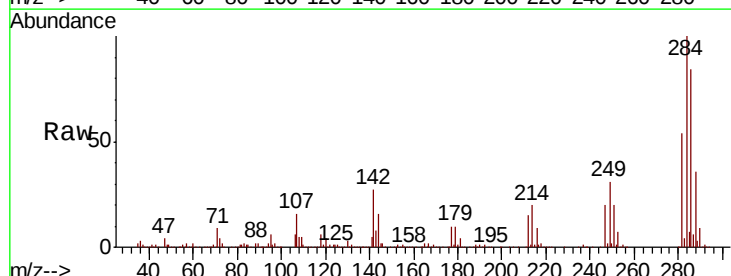
Manual Integrations
 APPROVED

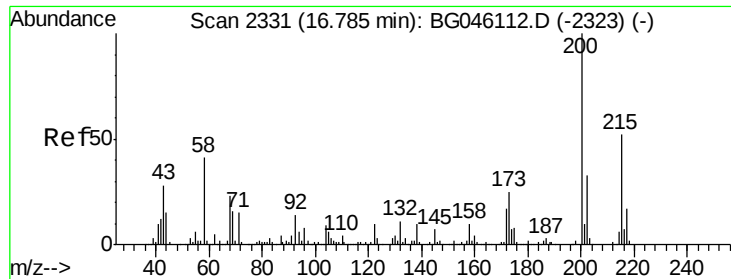
mohammad
 8/6/2020 1:20:33 PM



#68
 Hexachlorobenzene
 Concen: 40.898 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	23.6	35.4
249	30.8	25.3	37.9





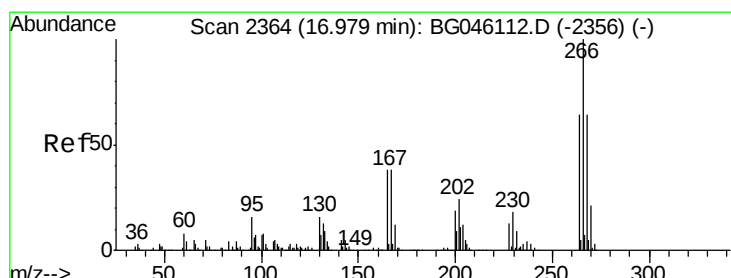
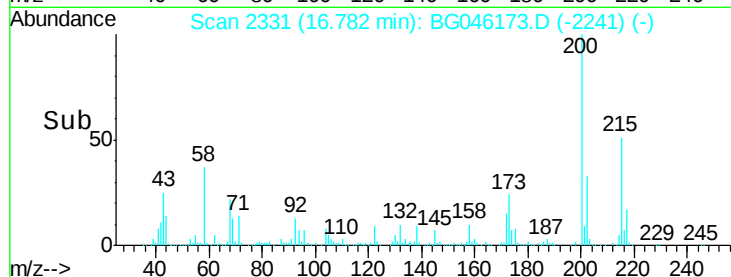
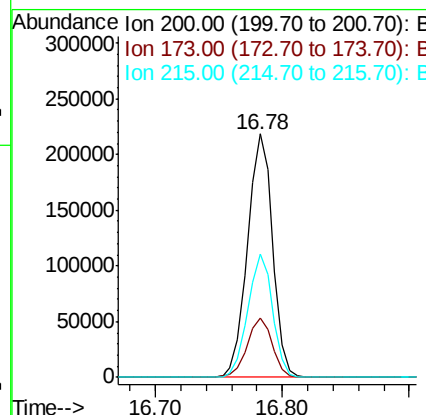
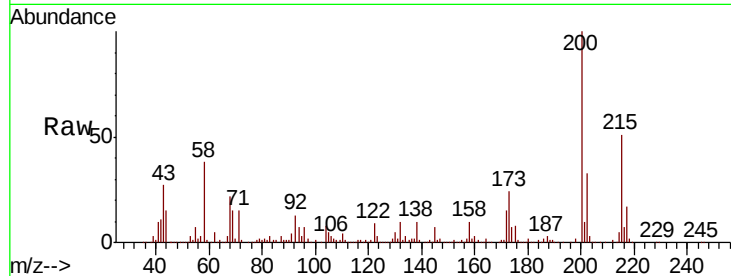
#69
Atrazine
Concen: 38.708 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.4	5.3	45.3
215	50.5	31.5	71.5

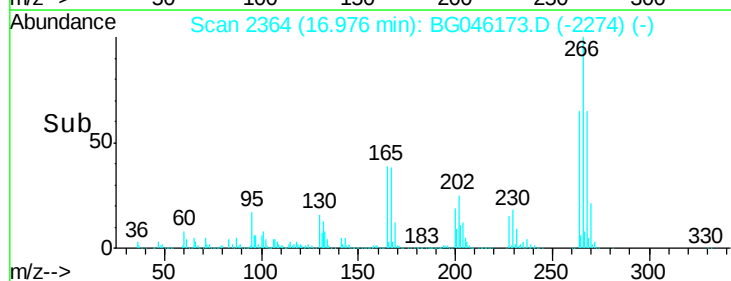
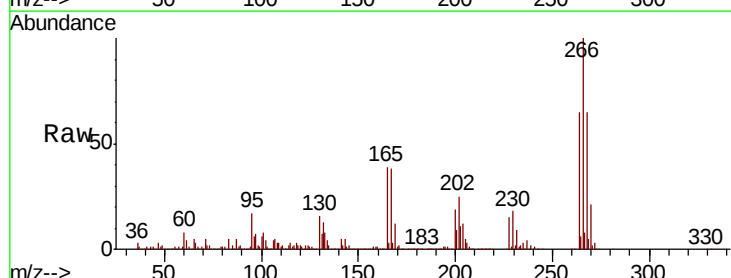
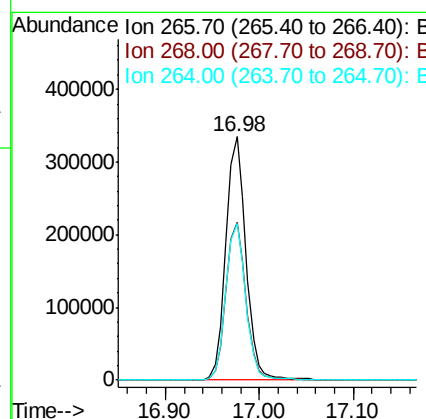
Manual Integrations
APPROVED

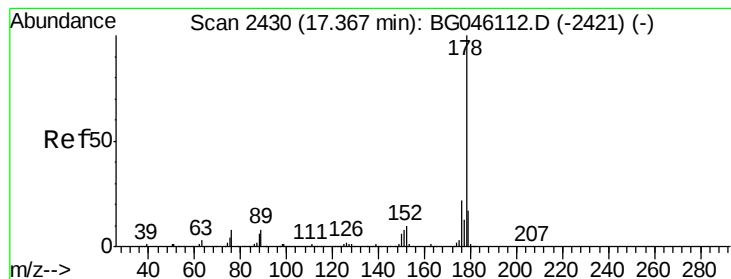
mohammad
8/6/2020 1:20:33 PM



#70
Pentachlorophenol
Concen: 84.043 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	51.2	76.8
264	64.5	51.1	76.7





#71

Phenanthrene

Concen: 38.844 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion:178 Resp: 1413284

Ion Ratio Lower Upper

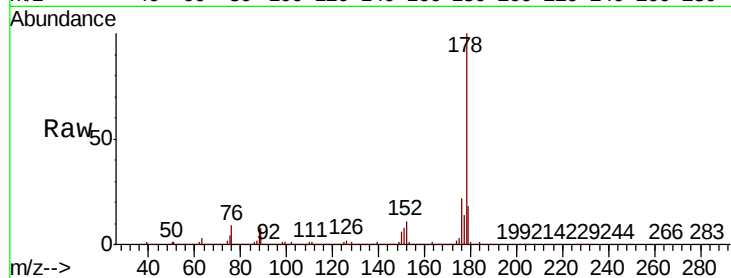
178 100

176 22.0 17.3 25.9

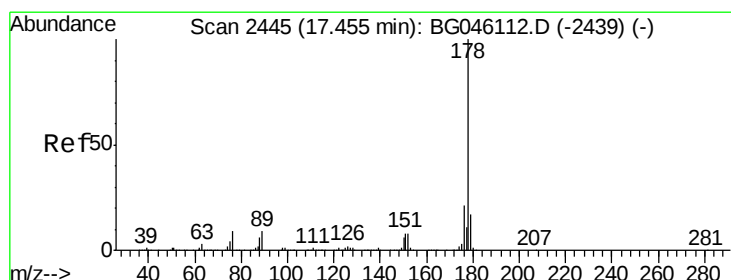
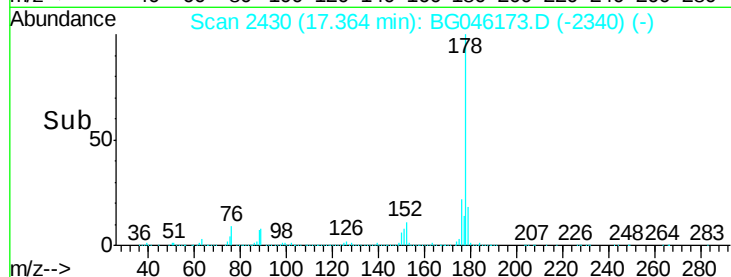
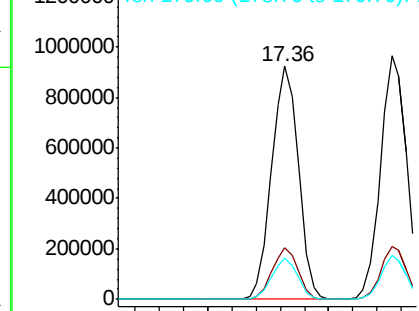
179 18.0 13.8 20.6

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:33 PM



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: 40.276 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

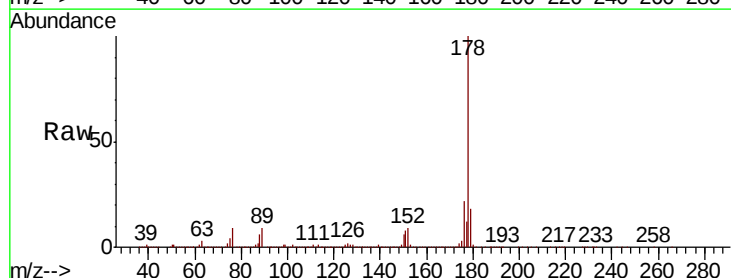
Tgt Ion:178 Resp: 1457587

Ion Ratio Lower Upper

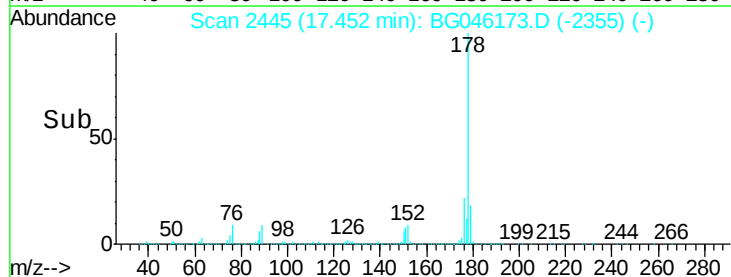
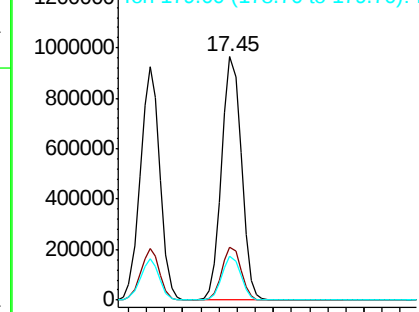
178 100

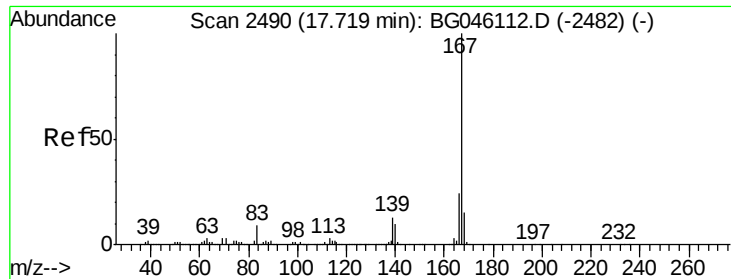
176 21.9 16.6 24.8

179 18.0 13.4 20.2



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





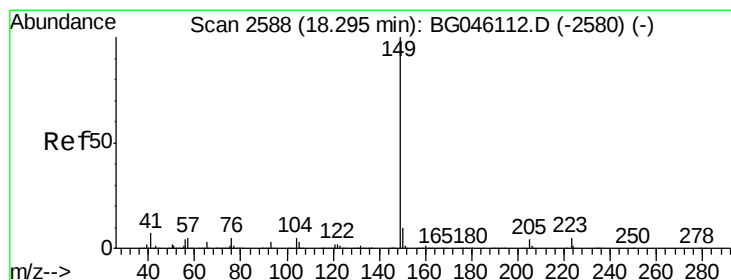
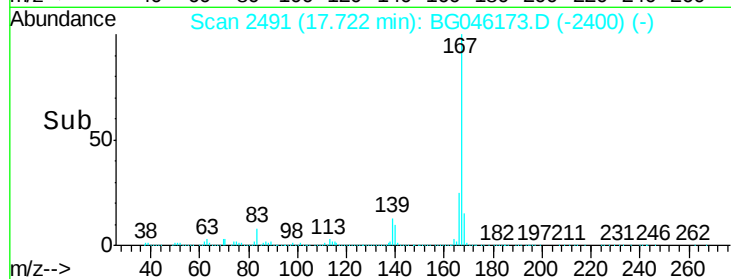
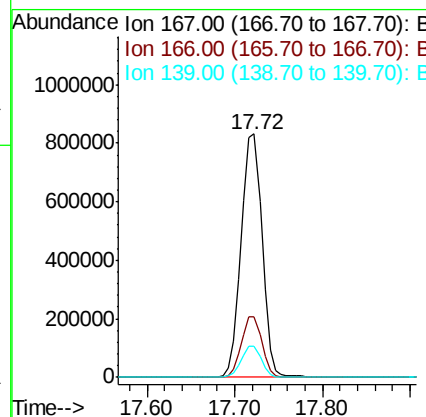
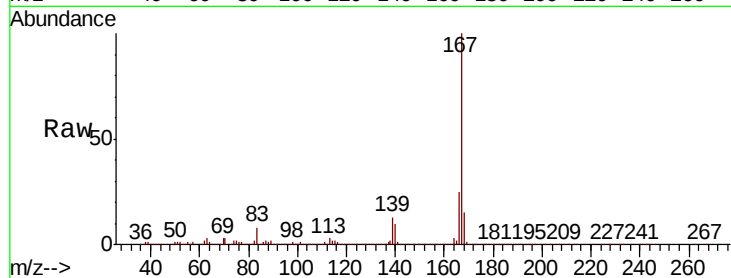
#73
 Carbazole
 Concen: 38.628 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.4	29.0
139	12.6	10.1	15.1

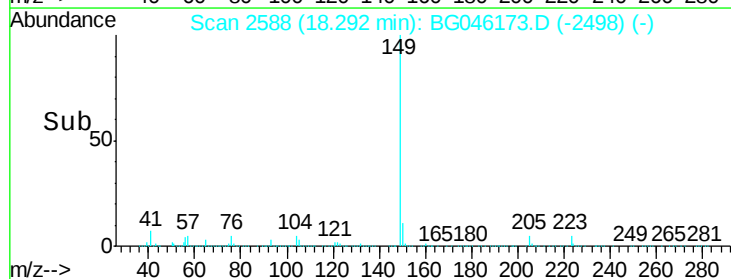
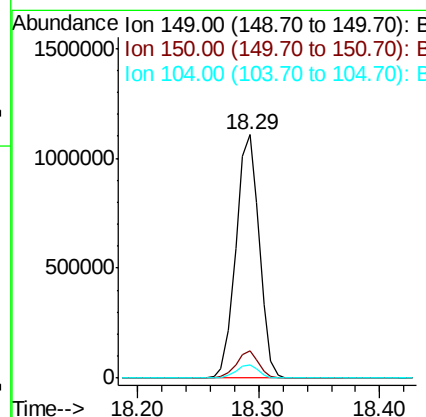
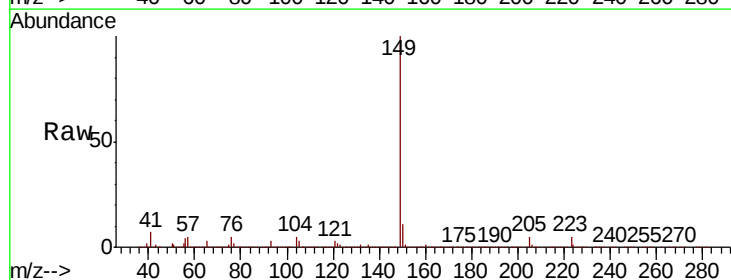
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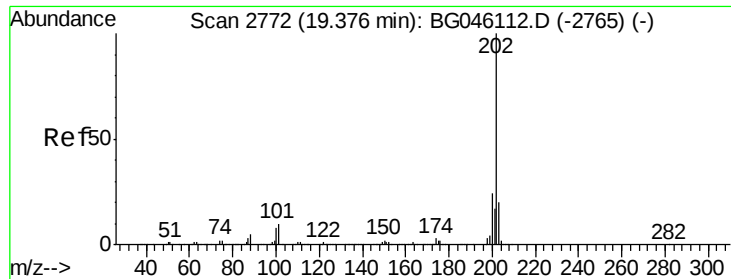
mohammad
 8/6/2020 1:20:33 PM



#74
 Di-n-butylphthalate
 Concen: 40.650 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.4	12.6
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 37.589 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion:202 Resp: 1707428

Ion Ratio Lower Upper

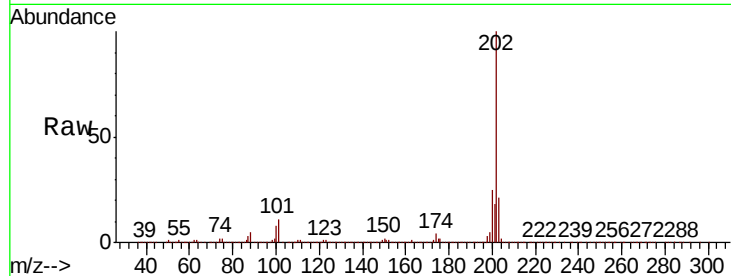
202 100

101 10.6 0.0 30.0

203 20.7 0.2 40.2

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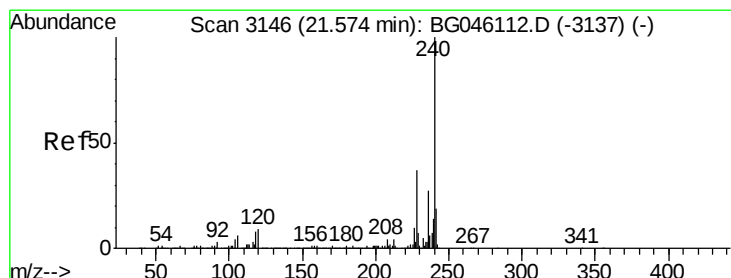
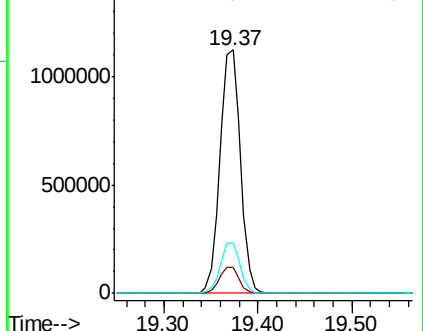
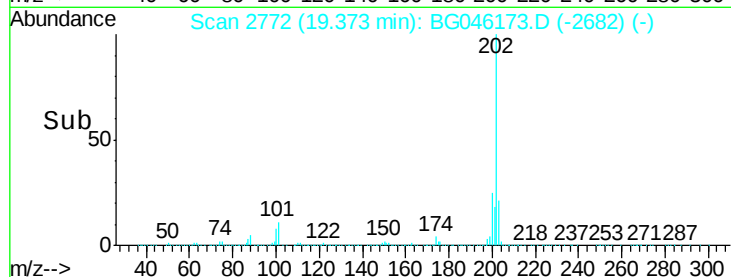
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

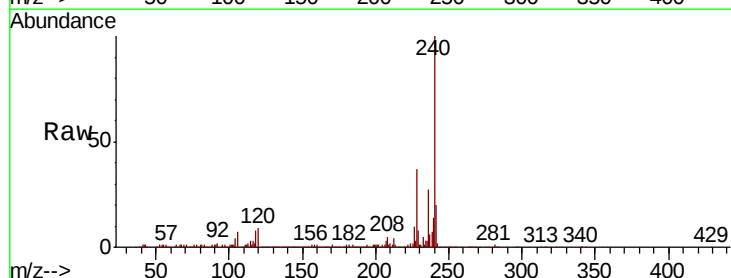
Tgt Ion:240 Resp: 671982

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

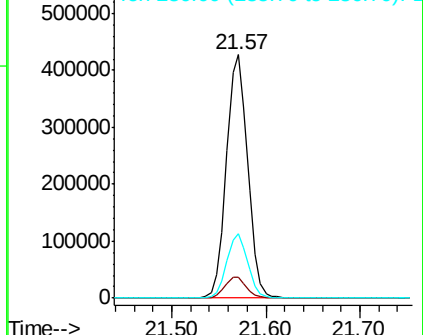
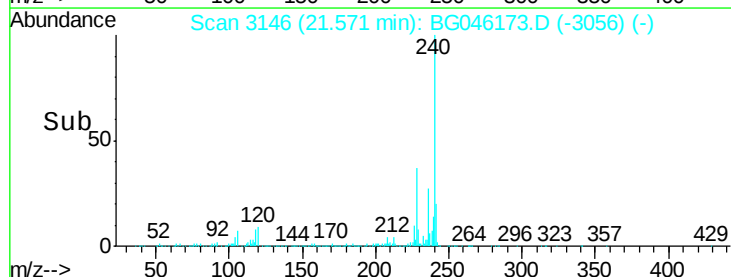
236 26.6 21.7 32.5

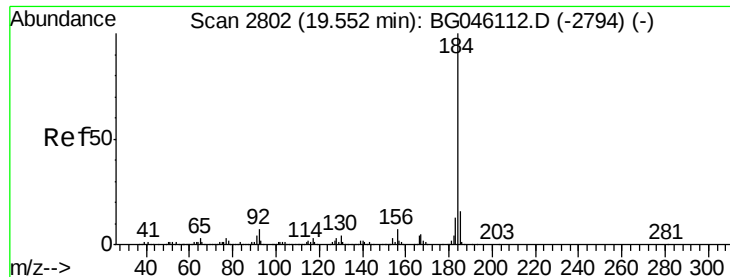


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.829 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

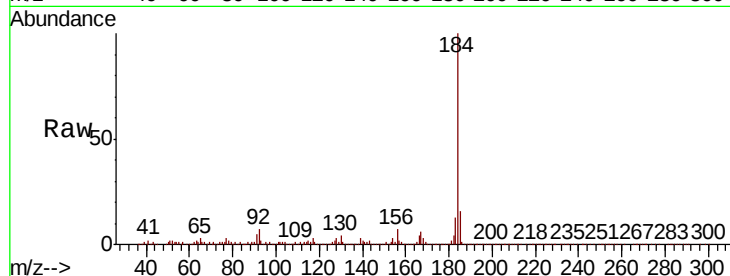
ClientSampleId :

SB-1MS

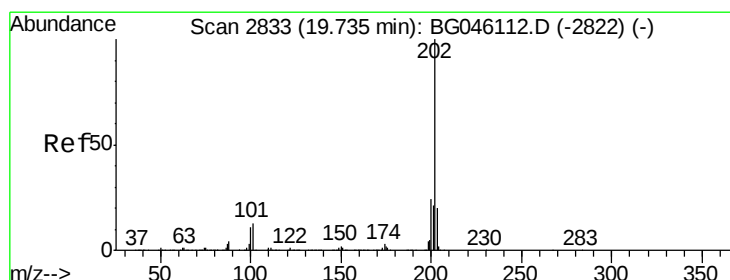
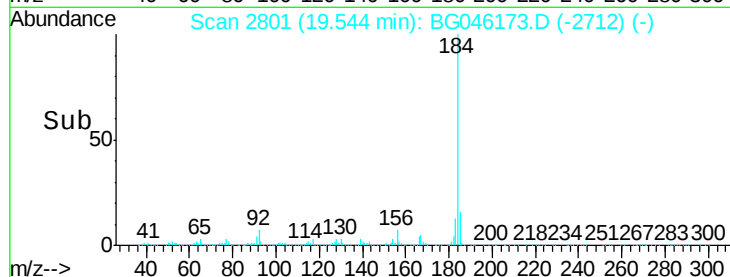
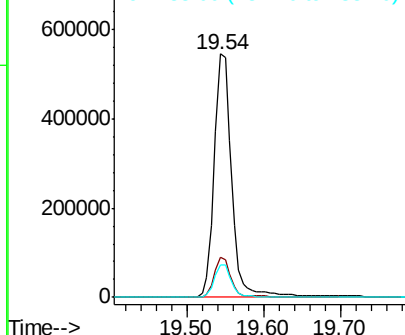
Tot Ion:	184	Resp:	853287
Ion Ratio	Lower	Upper	
184	100		
185	16.3	13.0	19.4
183	13.5	10.5	15.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.369 ng

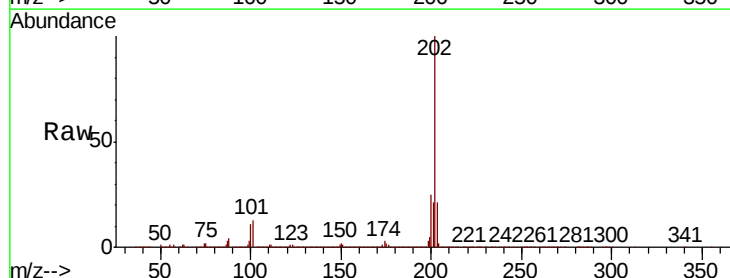
RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

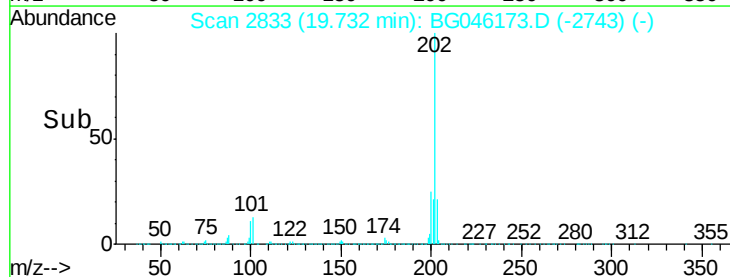
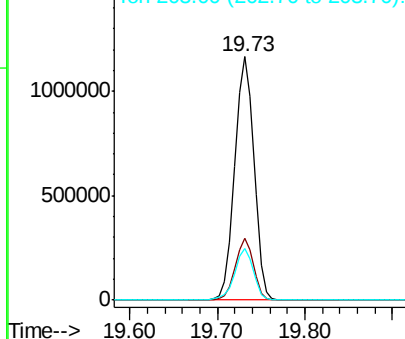
Lab File: BG046173.D

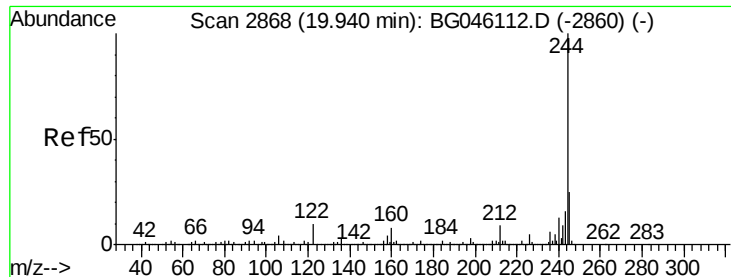
Acq: 5 Aug 2020 13:51

Tgt Ion:	202	Resp:	1732379
Ion Ratio	Lower	Upper	
202	100		
200	25.4	19.5	29.3
203	21.2	16.2	24.2



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: 61.041 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion:244 Resp: 2014022

Ion Ratio Lower Upper

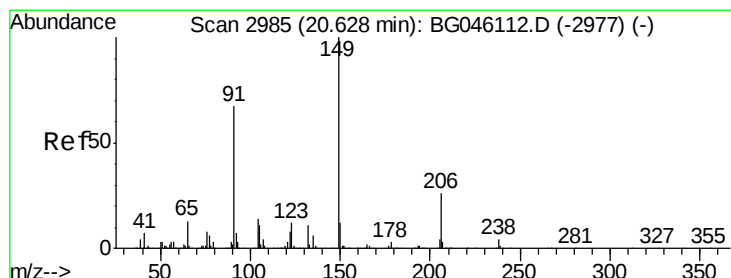
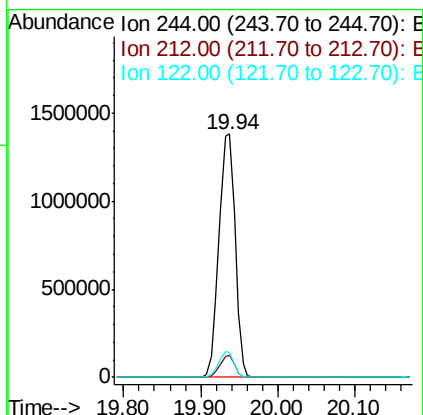
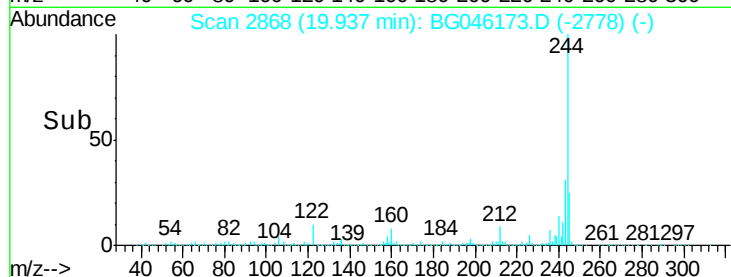
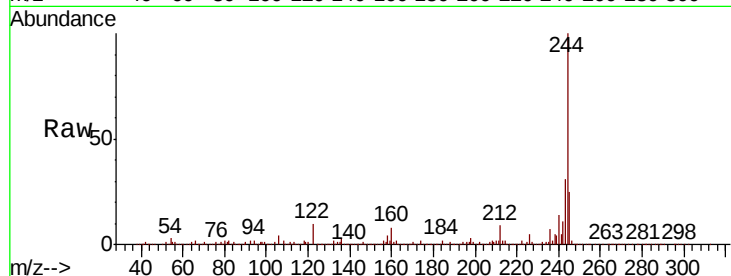
244 100

212 9.0 7.2 10.8

122 10.0 8.3 12.5

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#80

Butylbenzylphthalate

Concen: 42.711 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

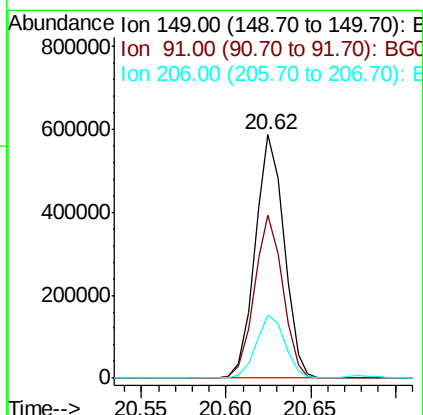
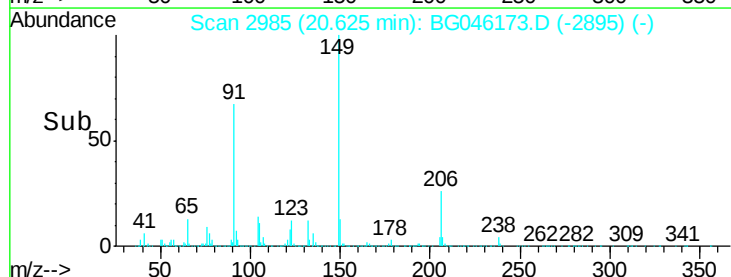
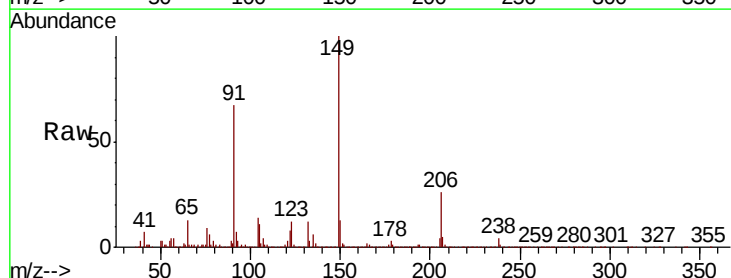
Tgt Ion:149 Resp: 698563

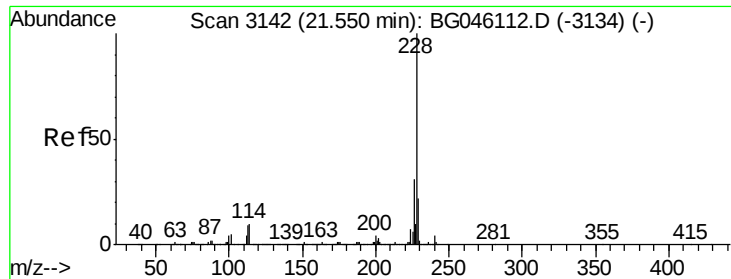
Ion Ratio Lower Upper

149 100

91 67.0 53.8 80.8

206 26.2 20.4 30.6





#81

Benzo(a)anthracene

Concen: 38.801 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

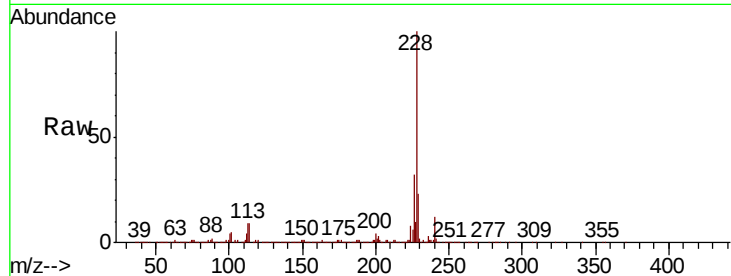
ClientSampled :

SB-1MS

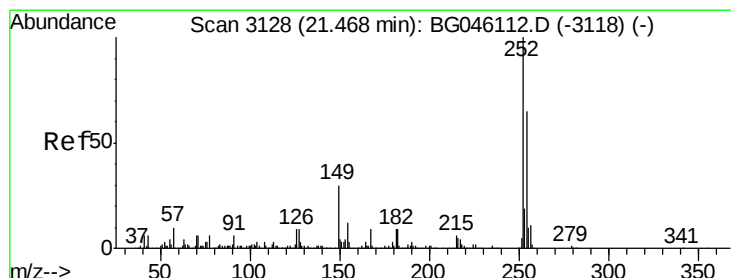
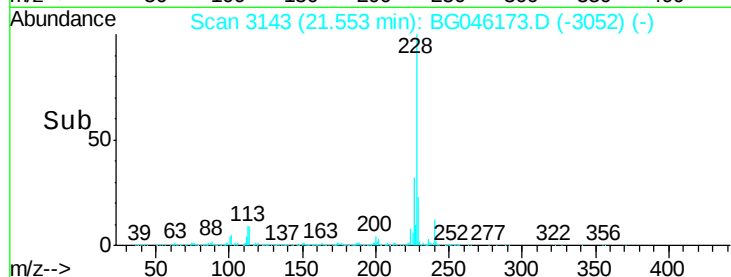
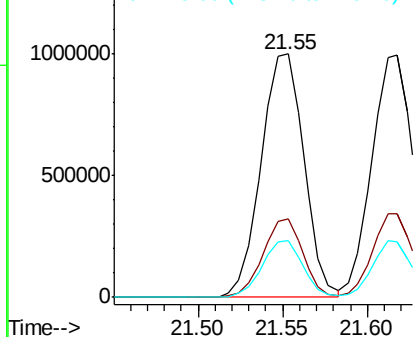
Tot Ion:	228	Resp:	1744860
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.7	37.1
229	23.3	17.8	26.8

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.217 ng

RT: 21.47 min Scan# 3128

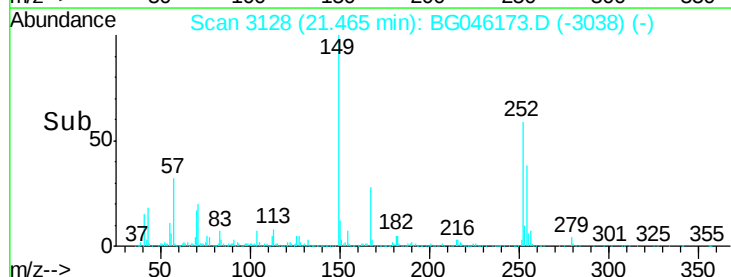
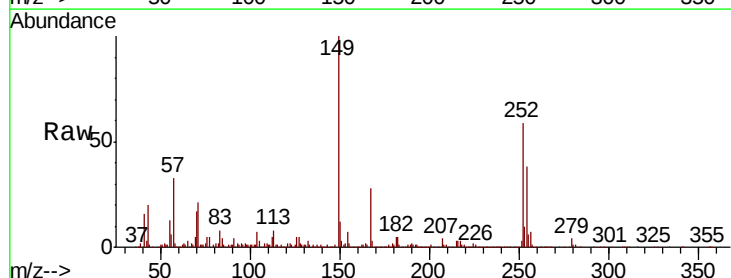
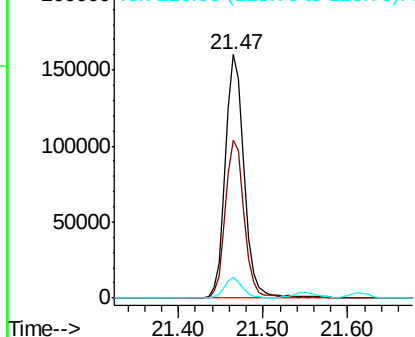
Delta R.T. -0.00 min

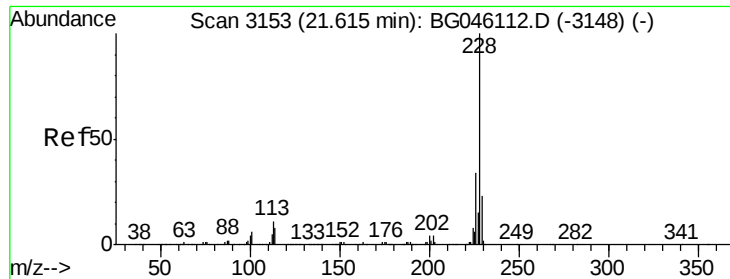
Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:	252	Resp:	246824
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.8
126	8.7	7.1	10.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





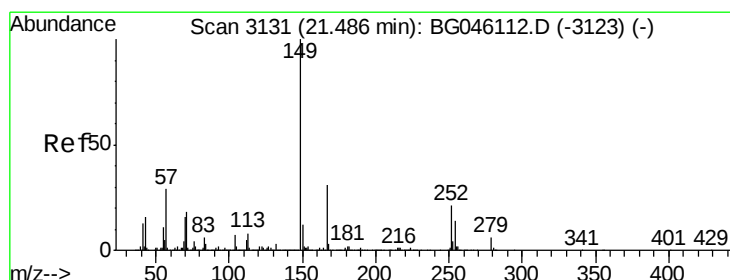
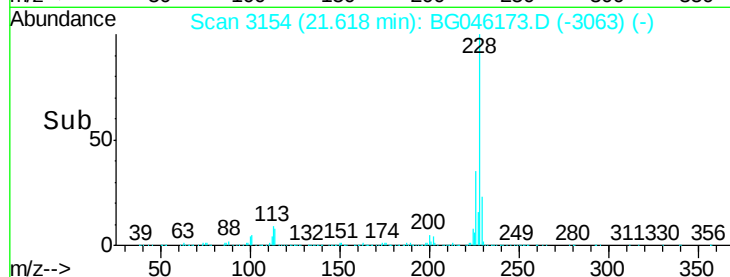
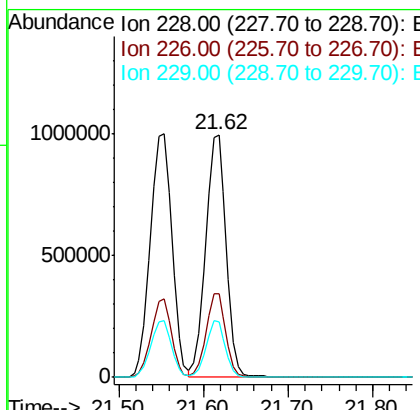
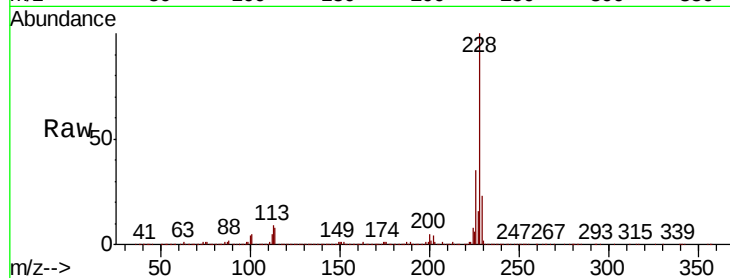
#83
 Chrysene
 Concen: 38.382 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.5	26.9	40.3
229	22.7	18.2	27.4

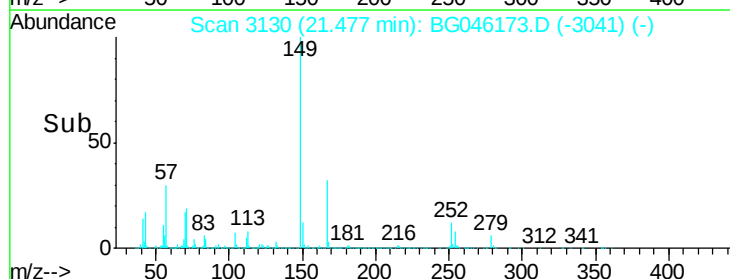
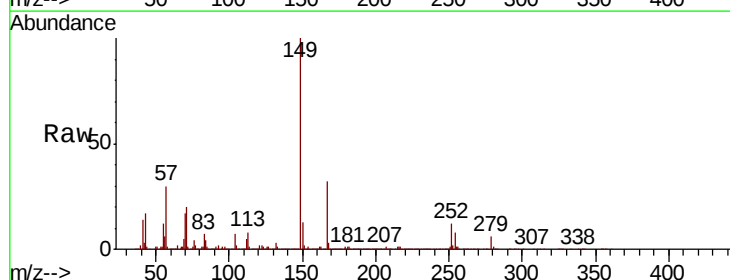
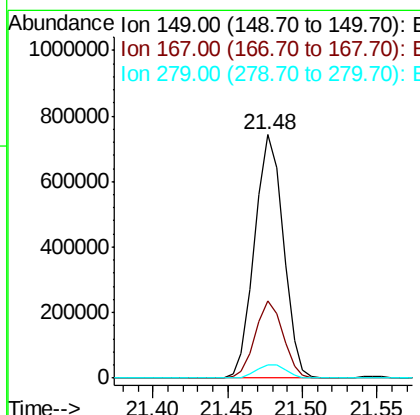
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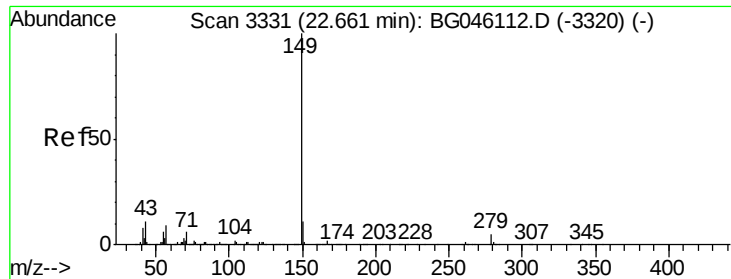
mohammad
 8/6/2020 1:20:33 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.202 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	24.8	37.2
279	5.7	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 43.381 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampled :

SB-1MS

Tot Ion:149 Resp: 1717531

Ion Ratio Lower Upper

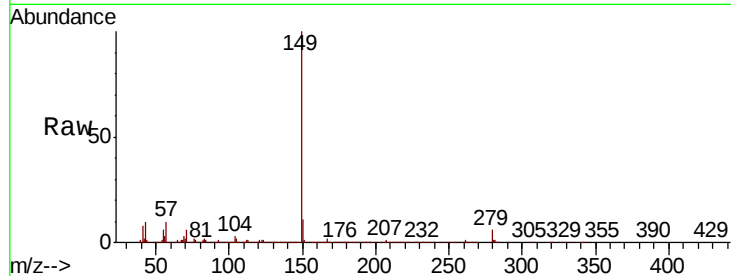
149 100

167 1.9 1.4 2.2

43 10.0 7.8 11.8

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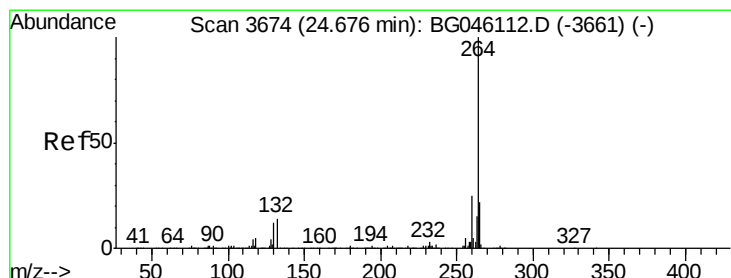
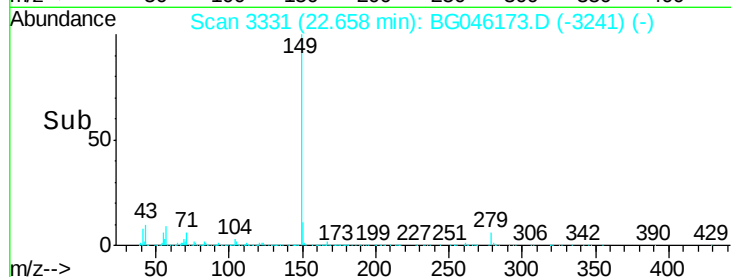
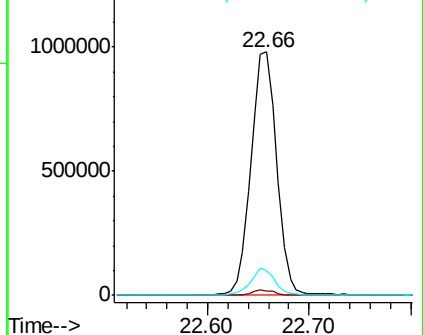
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

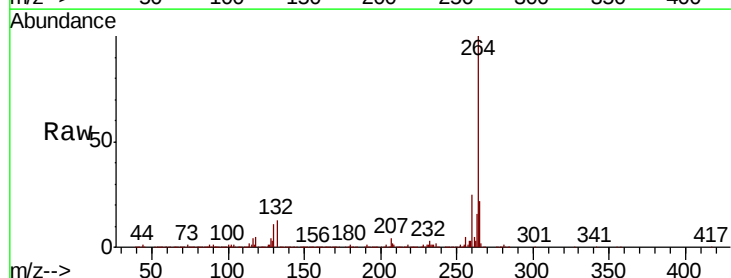
Tgt Ion:264 Resp: 746732

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

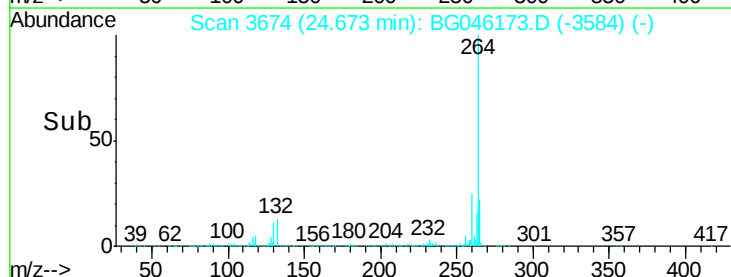
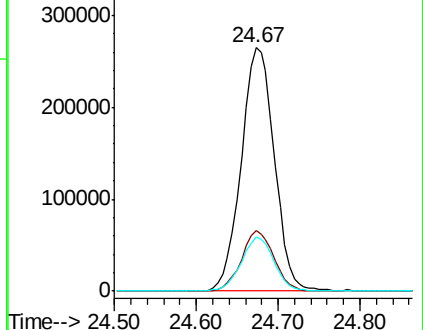
265 22.4 17.6 26.4

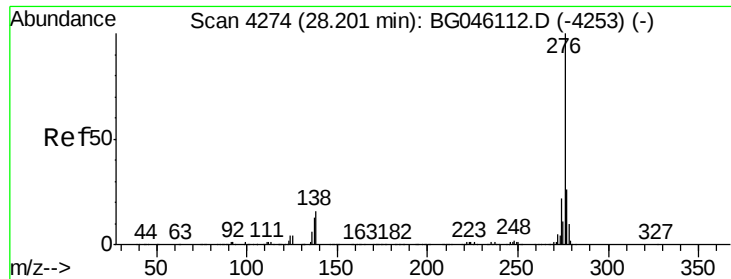


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





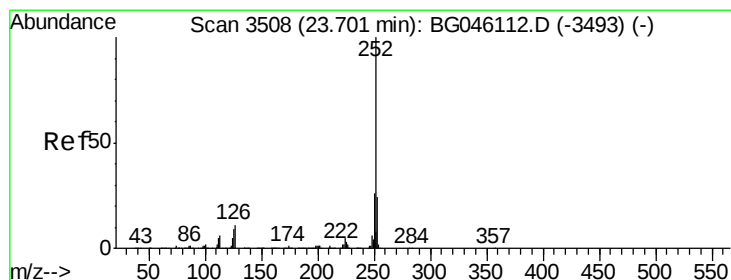
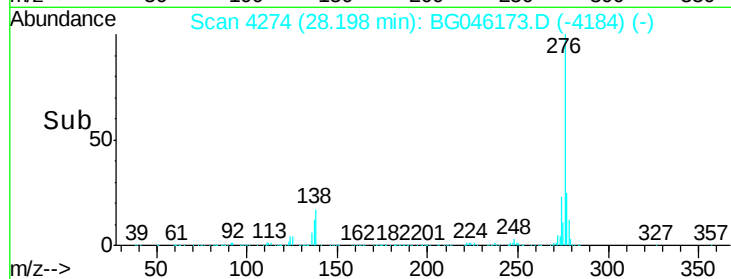
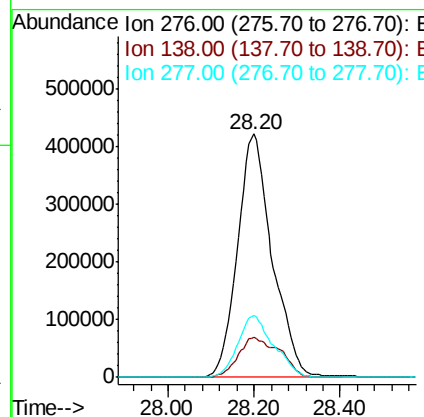
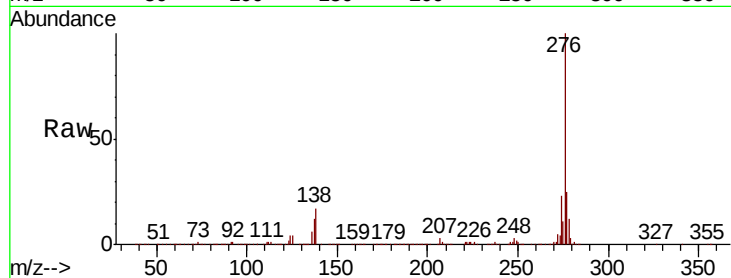
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.790 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	19.9	11.6	17.4	
277	26.2	20.8	31.2	

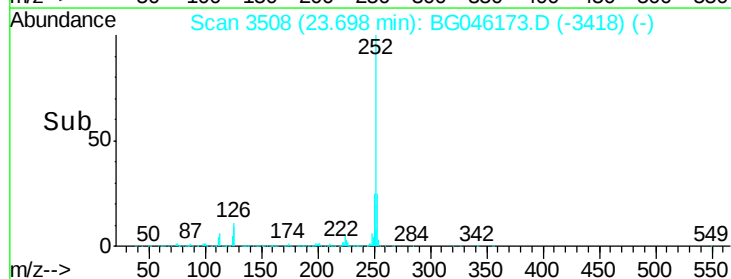
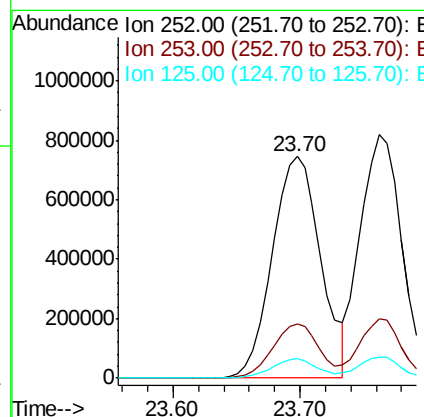
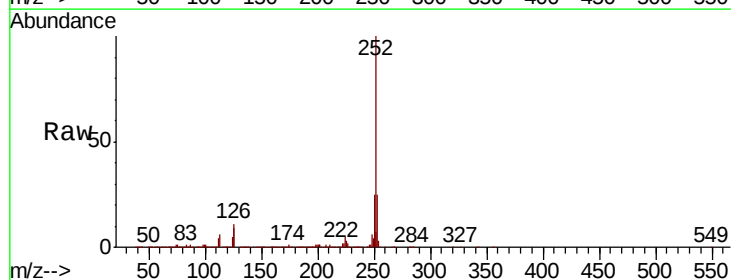
Manual Integrations
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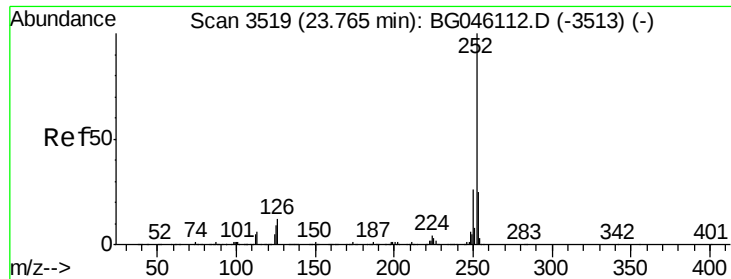
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 39.455 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	24.7	19.2	28.8	
125	8.7	7.2	10.8	





#89

Benzo(k)fluoranthene

Concen: 37.774 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion:252 Resp: 1853984

Ion Ratio Lower Upper

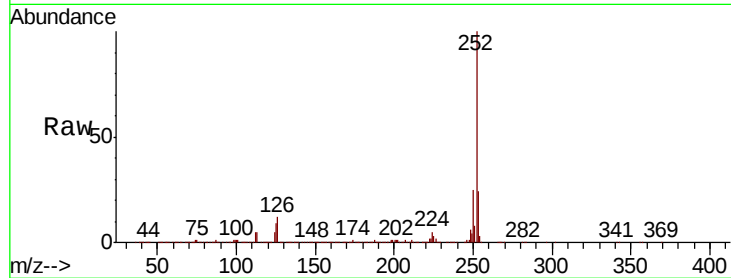
252 100

253 24.5 19.5 29.3

125 8.8 7.3 10.9

Manual Integrations
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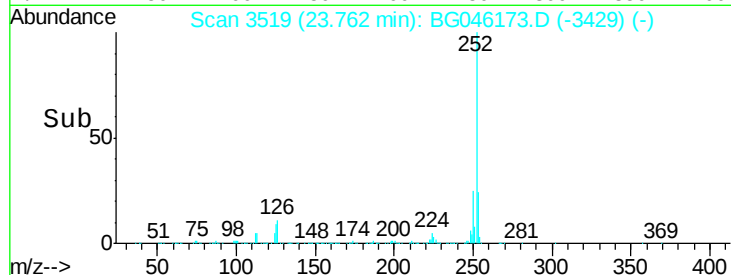


Abundance Ion 252.00 (251.70 to 252.70): E

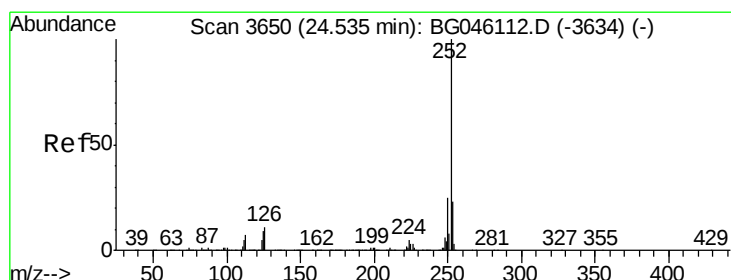
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#90

Benzo(a)pyrene

Concen: 39.076 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

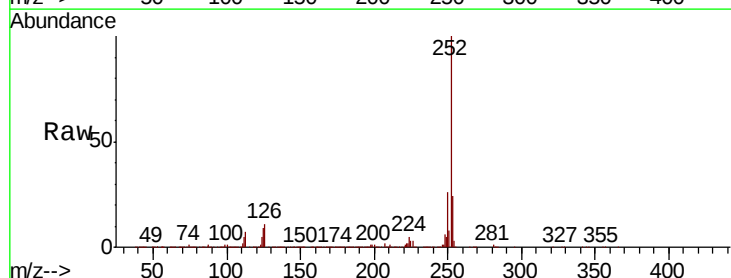
Tgt Ion:252 Resp: 1819529

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

125 9.4 7.1 10.7

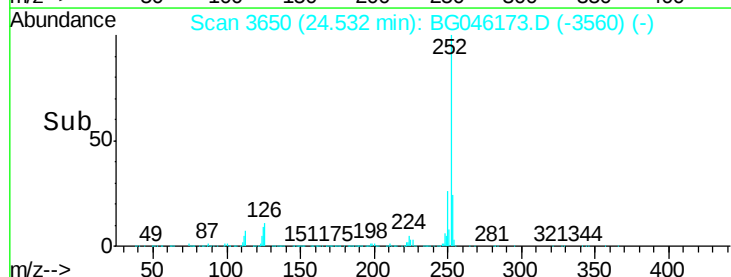


Abundance Ion 252.00 (251.70 to 252.70): E

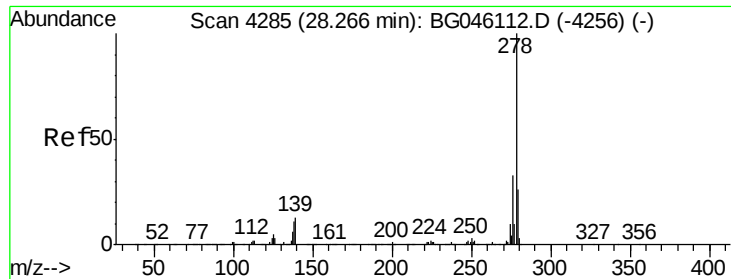
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



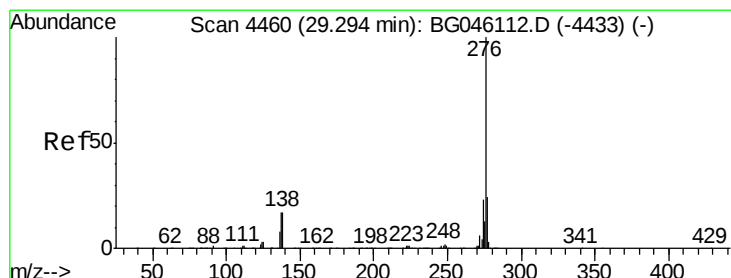
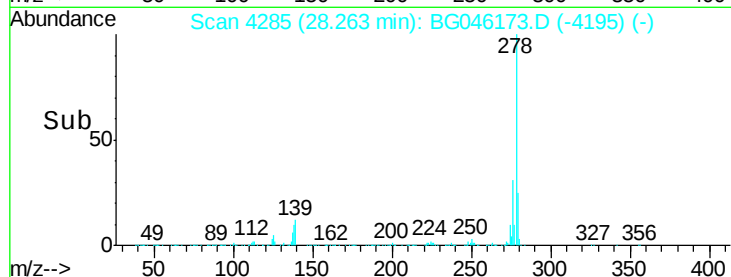
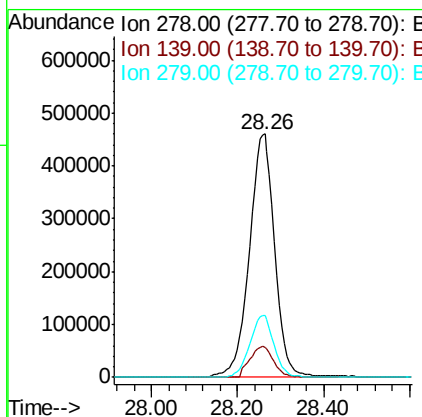
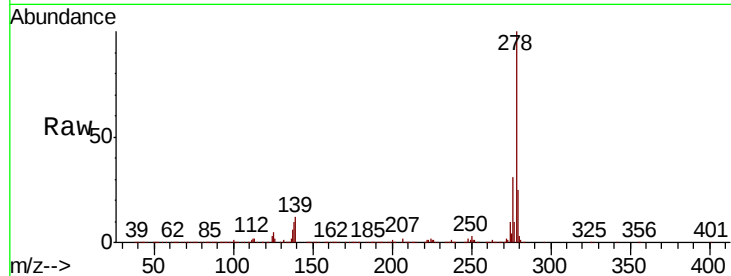
#91
Dibenzo(a,h)anthracene
Concen: 40.694 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	12.0	10.8	16.2	
279	25.3	20.5	30.7	

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:33 PM



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 29.30 min Scan# 4461
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.7	19.5	29.3	
138	17.5	13.8	20.6	

