

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045482.D
 Acq On : 27 May 2020 18:56
 Operator : CG/JU
 Sample : L2745-20MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6MSD

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:24:39 PM

Quant Time: May 28 01:22:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	91275	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	377170	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	274249	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	598789	20.00	ng	0.00
76) Chrysene-d12	21.61	240	518479	20.00	ng	0.00
87) Perylene-d12	24.76	264	575972	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	499197	106.88	ng	0.00
7) Phenol-d6	7.18	99	725598	109.15	ng	0.00
23) Nitrobenzene-d5	9.12	82	475872	68.80	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	366454	104.48	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1125366	69.60	ng	0.00
79) Terphenyl-d14	19.96	244	1674517	75.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	82985	35.831	ng	97
3) Pyridine	3.80	79	187679	29.096	ng	98
4) n-Nitrosodimethylamine	3.72	42	88895	42.116	ng	92
6) Aniline	7.29	93	128515	14.810	ng	97
8) 2-Chlorophenol	7.54	128	257571	50.290	ng	99
9) Benzaldehyde	7.09	77	164517	37.986	ng	96
10) Phenol	7.21	94	336013	49.045	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	232274	43.465	ng	96
12) 1,3-Dichlorobenzene	7.85	146	274006	44.518	ng	100
13) 1,4-Dichlorobenzene	7.99	146	274417	45.179	ng	97
14) 1,2-Dichlorobenzene	8.32	146	262349	44.907	ng	97
15) Benzyl Alcohol	8.21	79	257382	46.870	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	212301	41.853	ng	98
17) 2-Methylphenol	8.44	107	236822	46.182	ng	96
18) Hexachloroethane	9.04	117	108229	46.523	ng	99
19) n-Nitroso-di-n-propylamine	8.77	70	206687	44.963	ng	99
20) 3+4-Methylphenols	8.77	107	307882	44.090	ng	# 63
22) Acetophenone	8.78	105	386661	43.254	ng	# 92
24) Nitrobenzene	9.16	77	318682	43.005	ng	99
25) Isophorone	9.69	82	577689	42.411	ng	97
26) 2-Nitrophenol	9.88	139	149758	47.242	ng	94
27) 2,4-Dimethylphenol	9.97	122	245702	52.259	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	323054	45.224	ng	96
29) 2,4-Dichlorophenol	10.44	162	273678	49.293	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	301154	45.904	ng	99
31) Naphthalene	10.82	128	795115	45.239	ng	99
32) Benzoic acid	10.16	122	178873	54.281	ng	89
33) 4-Chloroaniline	10.94	127	61387	8.356	ng	96
34) Hexachlorobutadiene	11.11	225	210569	45.406	ng	98
35) Caprolactam	11.70	113	89669m	44.001	ng	
36) 4-Chloro-3-methylphenol	12.10	107	306175	48.939	ng	98
37) 2-Methylnaphthalene	12.43	142	602590	45.999	ng	97
38) 1-Methylnaphthalene	12.64	142	571554	46.188	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	356714	46.567	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045482.D
 Acq On : 27 May 2020 18:56
 Operator : CG/JU
 Sample : L2745-20MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 NM62-COMP-2020-0-6MSD

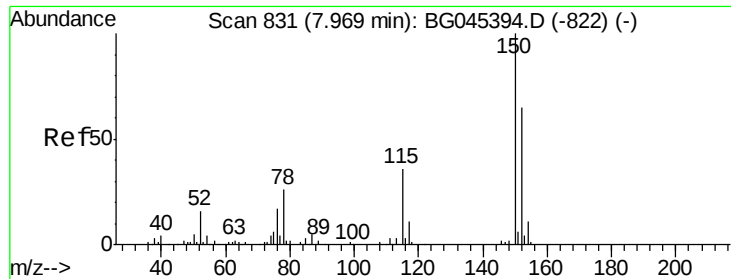
Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:24:39 PM

Quant Time: May 28 01:22:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	297077	67.192	nq	97
43) 2,4,6-Trichlorophenol	13.05	196	246524	46.328	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	271010	44.568	nq	97
46) 1,1'-Biphenyl	13.44	154	776537	46.082	nq	99
47) 2-Chloronaphthalene	13.48	162	596913	43.621	nq	99
48) 2-Nitroaniline	13.68	65	184293	40.943	nq	89
49) Acenaphthylene	14.33	152	975078	44.362	nq	98
50) Dimethylphthalate	14.06	163	855476	45.472	nq	99
51) 2,6-Dinitrotoluene	14.18	165	178240	41.986	nq	98
52) Acenaphthene	14.67	154	703435m	47.811	nq	
53) 3-Nitroaniline	14.51	138	69900	16.198	nq	99
54) 2,4-Dinitrophenol	14.72	184	175984	64.424	nq	99
55) Dibenzofuran	15.00	168	942142	43.121	nq	96
56) 4-Nitrophenol	14.88	139	285989	87.533	nq	95
57) 2,4-Dinitrotoluene	14.97	165	251680	40.935	nq	97
58) Fluorene	15.65	166	770930	42.949	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	239442	44.758	nq	98
60) Diethylphthalate	15.42	149	793033	40.499	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	430399	41.902	nq	97
62) 4-Nitroaniline	15.68	138	149768	33.244	nq	98
63) Azobenzene	15.94	77	756456	41.430	nq	96
65) 4,6-Dinitro-2-methylphenol	15.73	198	135259	38.786	nq	98
66) n-Nitrosodiphenylamine	15.86	169	680091	47.304	nq	97
67) 4-Bromophenyl-phenylether	16.54	248	299007	46.115	nq	94
68) Hexachlorobenzene	16.66	284	322990	47.627	nq	99
69) Atrazine	16.82	200	249730	42.172	nq	99
70) Pentachlorophenol	17.02	266	360210	102.295	nq	98
71) Phenanthrene	17.40	178	1238310	47.371	nq	99
72) Anthracene	17.49	178	1222894	46.585	nq	96
73) Carbazole	17.76	167	1094458	42.771	nq	100
74) Di-n-butylphthalate	18.31	149	1288843	41.965	nq	99
75) Fluoranthene	19.41	202	1527202	45.932	nq	98
77) Benzidine	19.58	184	519190	35.654	nq	99
78) Pyrene	19.76	202	1489404	50.394	nq	98
80) Butylbenzylphthalate	20.65	149	554649	43.478	nq	98
81) Benzo(a)anthracene	21.59	228	1397345	48.380	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	306230	27.029	nq	98
83) Chrysene	21.66	228	1312625	47.264	nq	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	763832	43.557	nq	98
85) Di-n-octyl phthalate	22.70	149	1282712	42.588	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1732267	47.699	nq	# 91
88) Benzo(b)fluoranthene	23.77	252	1492180	48.306	nq	99
89) Benzo(k)fluoranthene	23.84	252	1374602	47.366	nq	99
90) Benzo(a)pyrene	24.62	252	1352156	47.001	nq	97
91) Dibenzo(a,h)anthracene	28.41	278	1368010	47.320	nq	99
92) Benzo(g,h,i)perylene	29.46	276	1430565	49.478	nq	98

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



#1

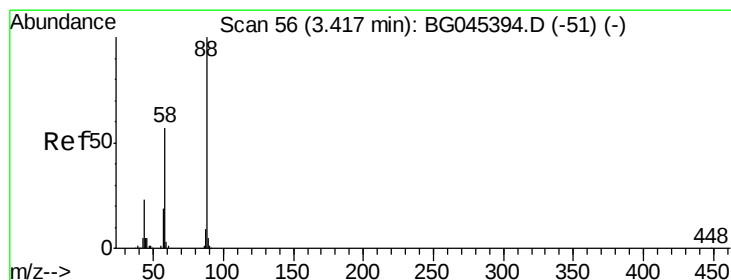
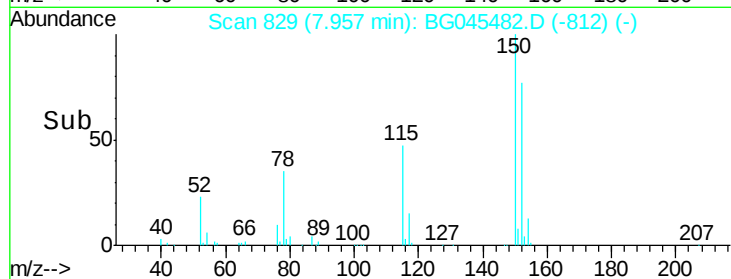
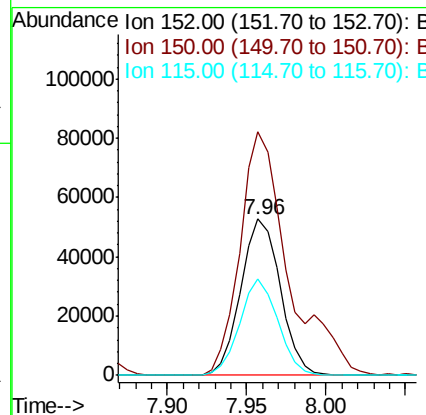
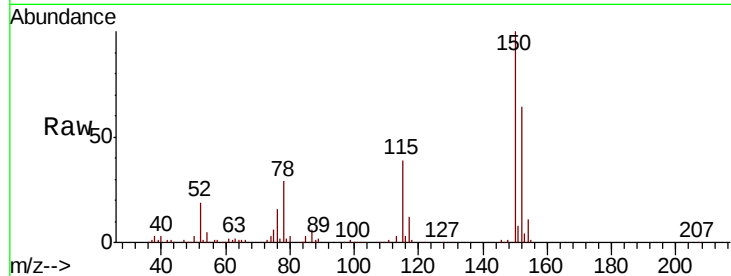
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.4	183.6
115	61.2	44.2	66.4

Manual Integrations
APPROVED

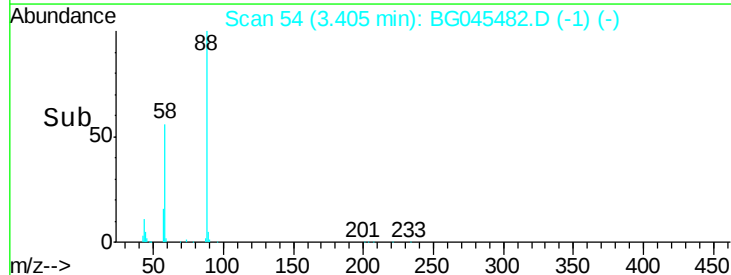
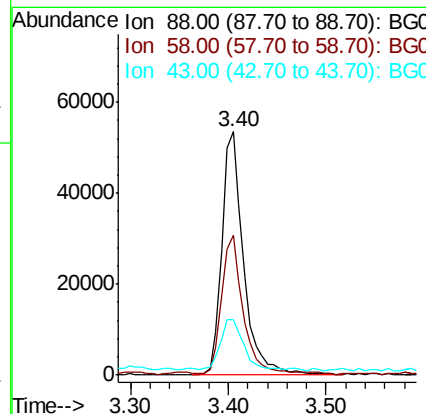
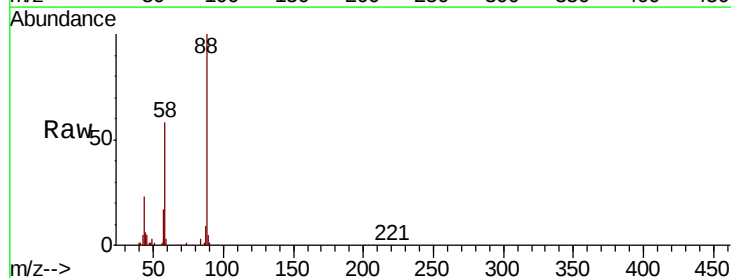
mohammad
5/29/2020 10:24:39 PM

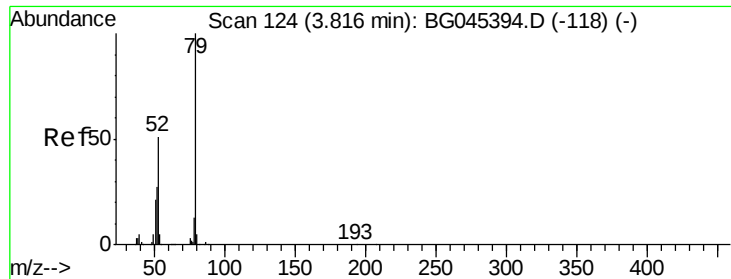


#2

1,4-Dioxane
Concen: 35.831 ng
RT: 3.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.9	45.7	68.5
43	20.8	16.8	25.2





#3

Pvridine

Concen: 29.096 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

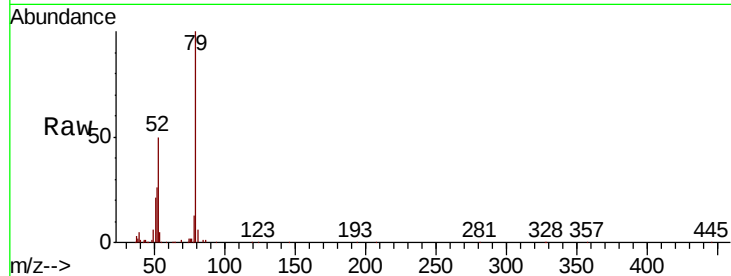
ClientSampleId :

NM62-COMP-2020-0-6MSD

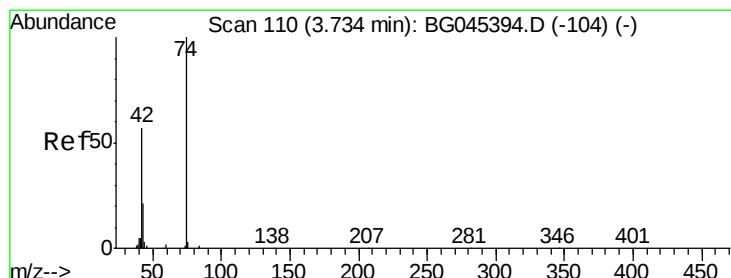
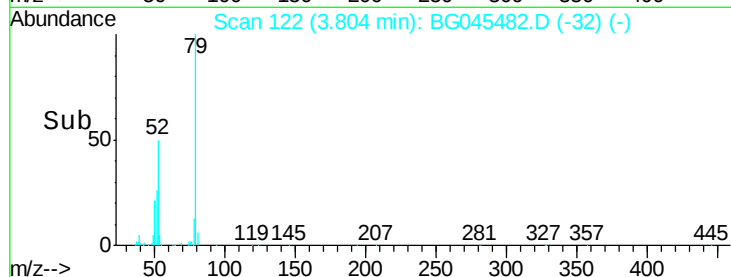
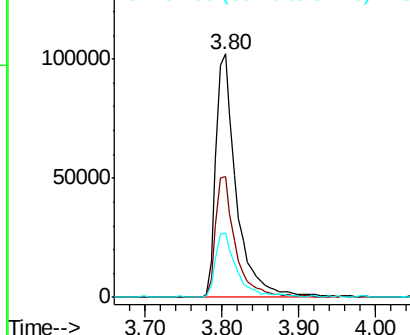
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	187679		
52	52	49.5		40.8	61.2
51	51	26.3		21.9	32.9

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.116 ng

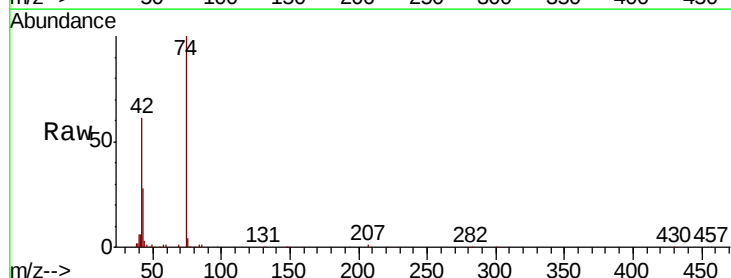
RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

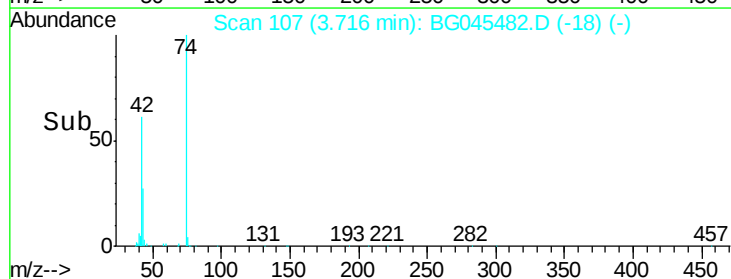
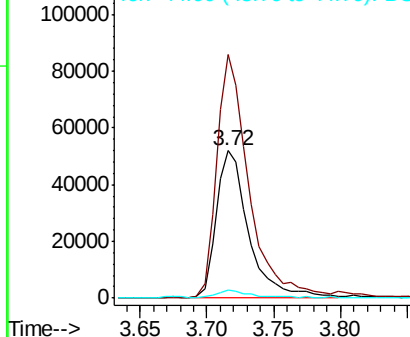
Lab File: BG045482.D

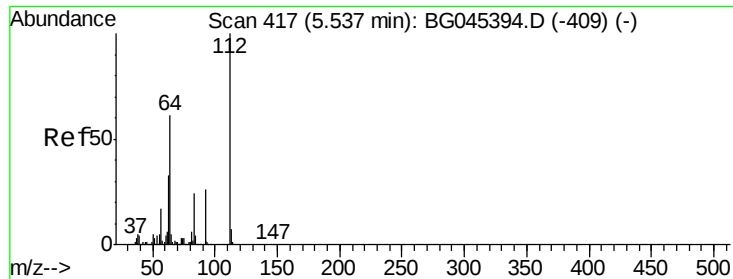
Acq: 27 May 2020 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	88895		
74	74	165.1		141.3	211.9
44	44	5.1		4.2	6.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 106.883 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

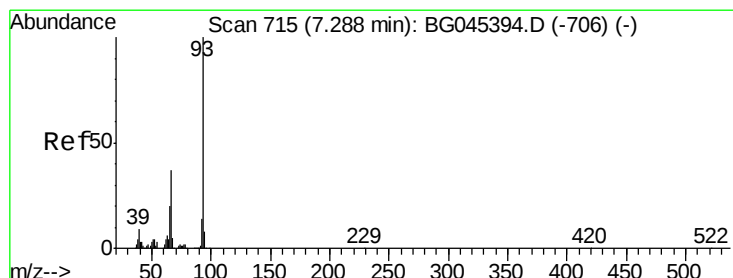
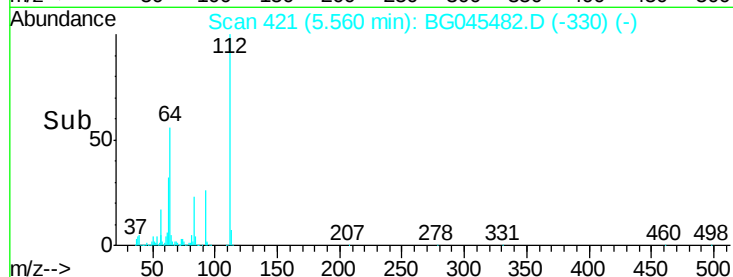
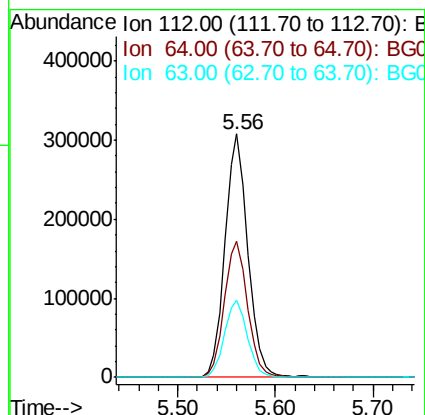
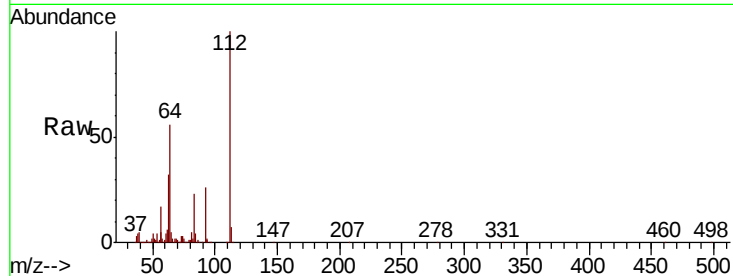
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	112	Resp:	499197
Ion Ratio	Lower	Upper	
112	100		
64	56.1	48.6	72.8
63	31.9	26.5	39.7

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#6

Aniline

Concen: 14.810 ng

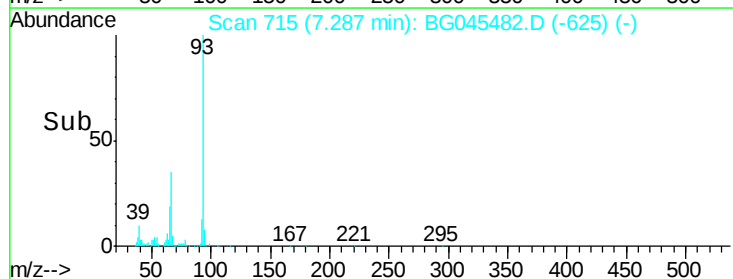
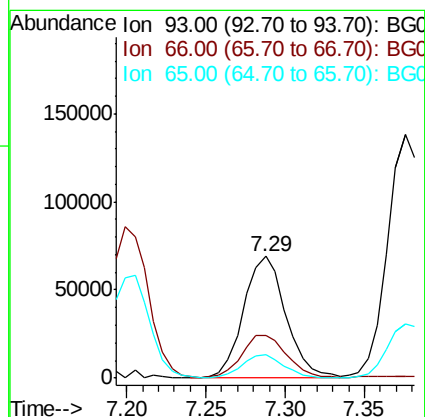
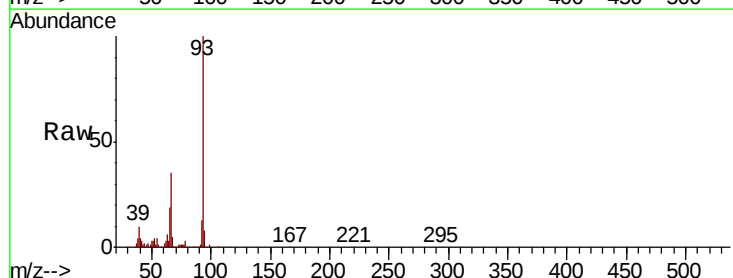
RT: 7.29 min Scan# 715

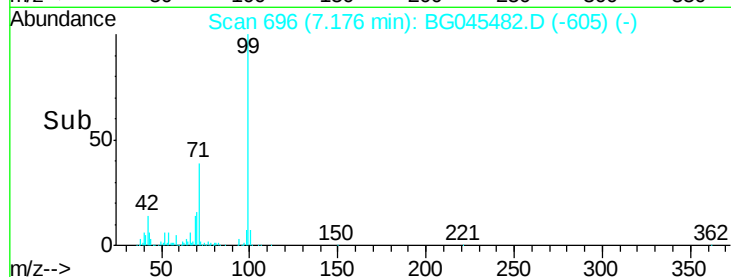
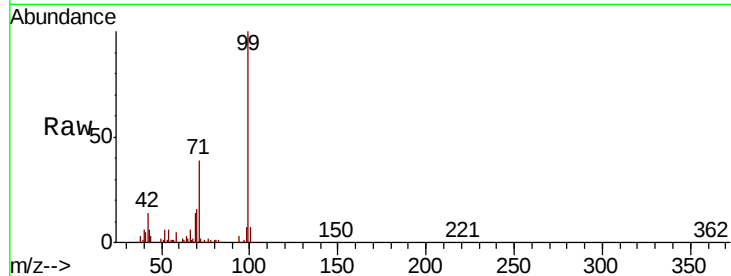
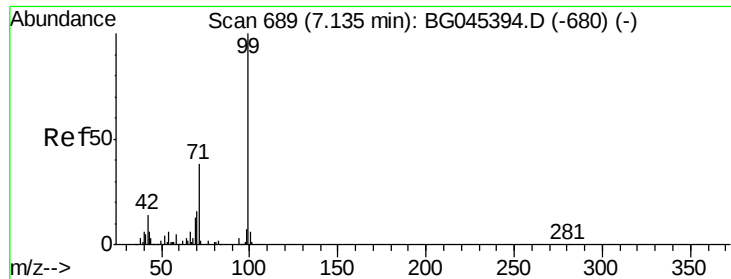
Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	93	Resp:	128515
Ion Ratio	Lower	Upper	
93	100		
66	35.1	29.6	44.4
65	19.0	15.9	23.9





#7

Phenol-d6

Concen: 109.154 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		725598		
42	14.3	11.3	16.9		
71	39.3	30.8	46.2		

Instrument :

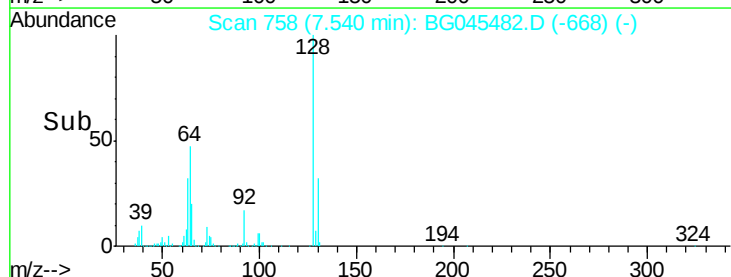
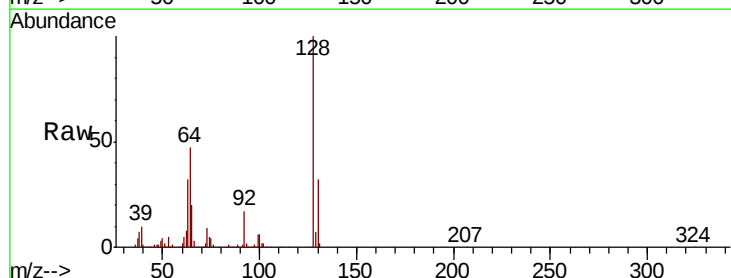
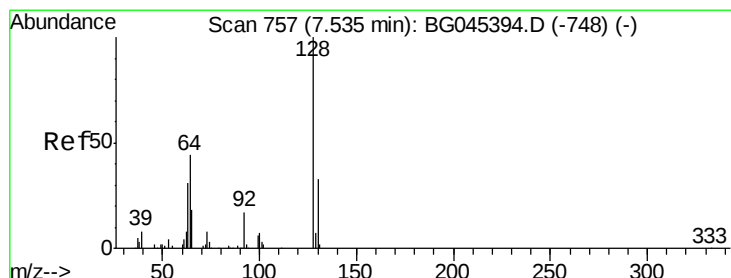
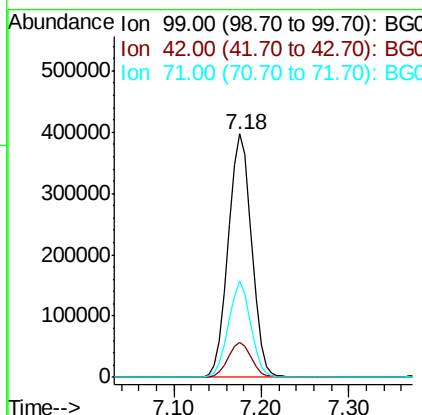
BNA_G

ClientSampleId :

NM62-COMP-2020-0-6MSD

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#8

2-Chlorophenol

Concen: 50.290 ng

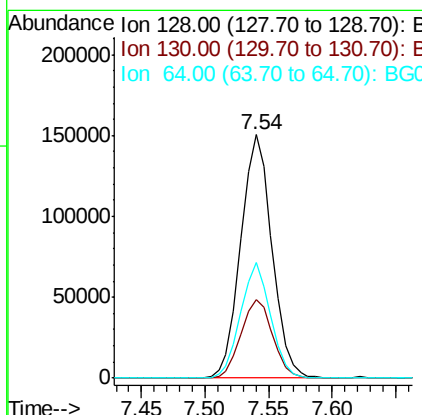
RT: 7.54 min Scan# 758

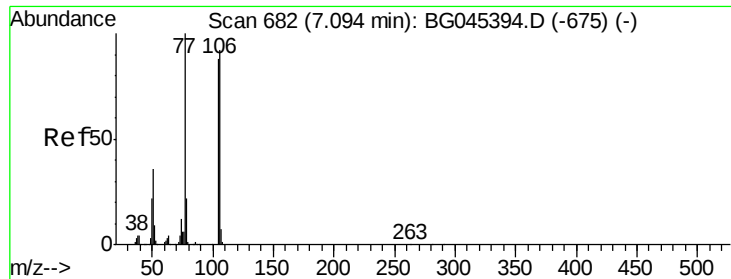
Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257571		
130	32.1	12.6	52.6		
64	47.3	27.0	67.0		





#9

Benzaldehyde

Concen: 37.986 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

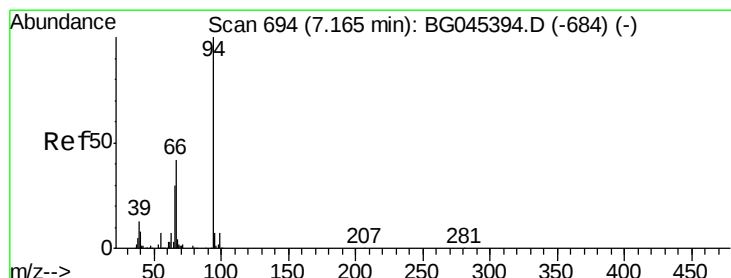
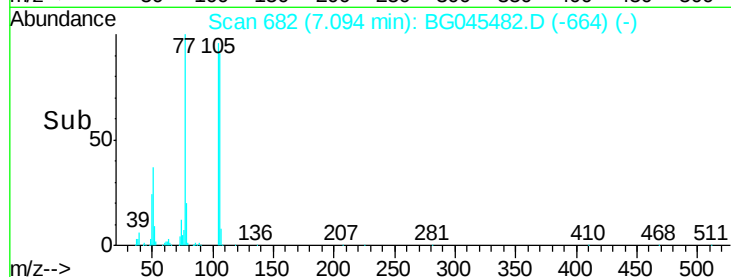
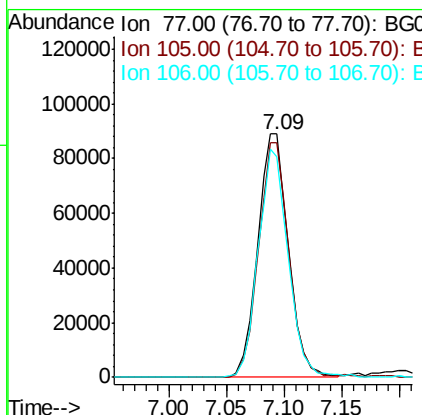
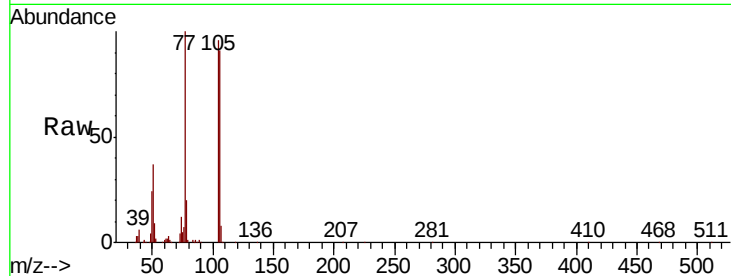
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	77	Resp:	164517
Ion Ratio	Lower	Upper	
77	100		
105	96.1	68.5	108.5
106	90.7	71.6	111.6

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#10

Phenol

Concen: 49.045 ng

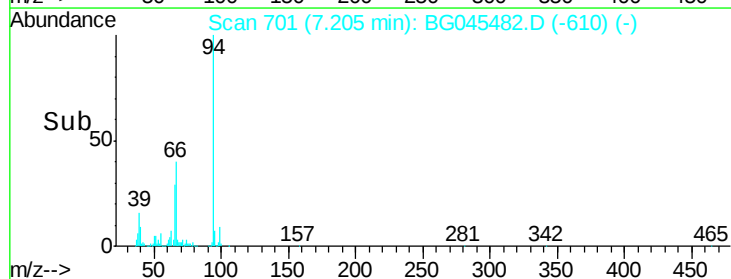
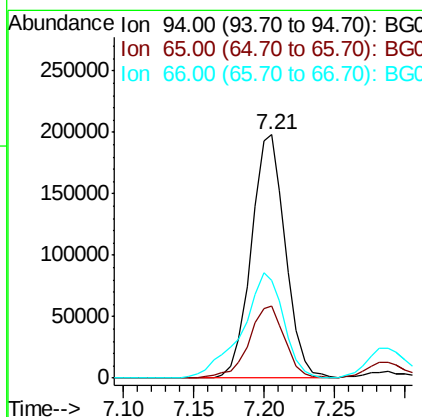
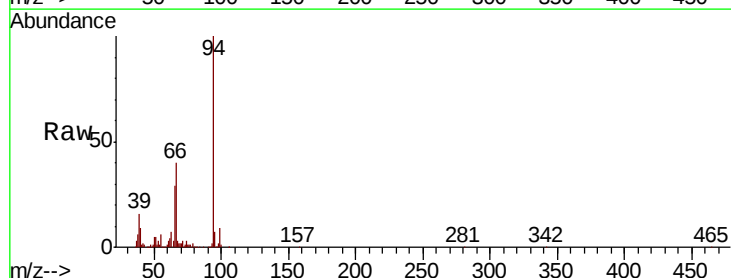
RT: 7.21 min Scan# 701

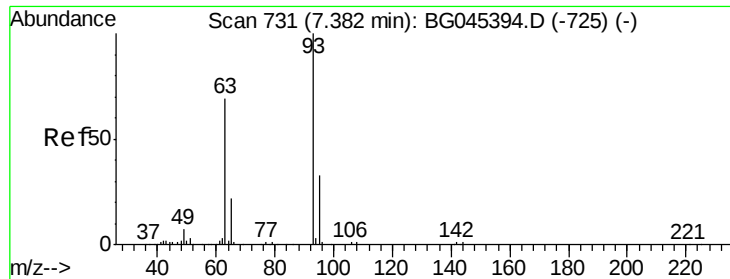
Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	94	Resp:	336013
Ion Ratio	Lower	Upper	
94	100		
65	29.4	9.8	49.8
66	40.3	22.0	62.0





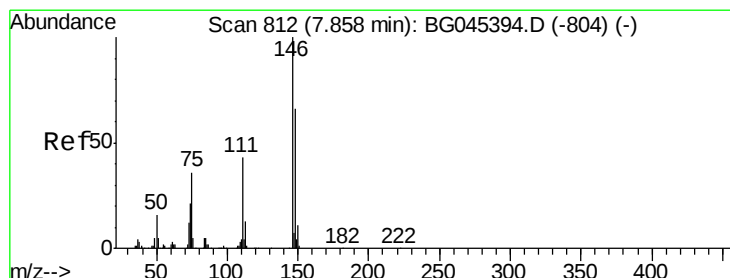
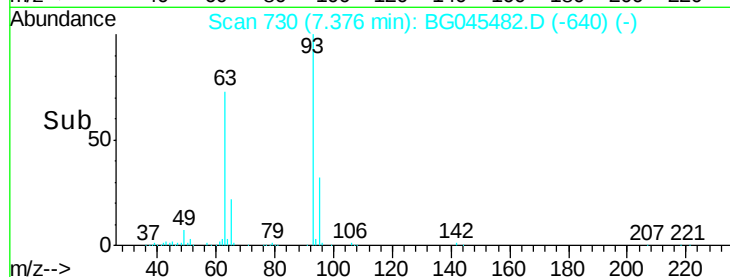
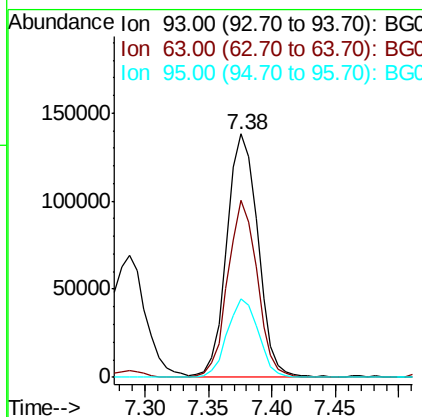
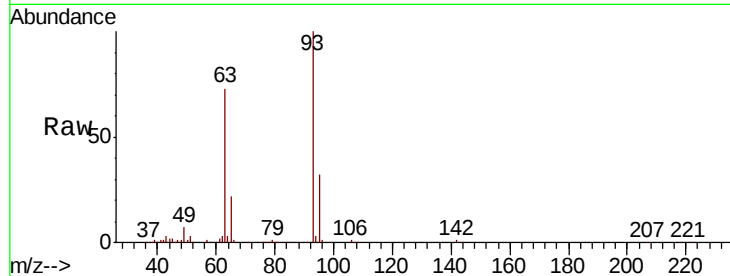
#11
bis(2-Chloroethyl)ether
Concen: 43.465 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion:	93	Resp:	232274
Ion Ratio	Lower	Upper	
93	100		
63	72.7	48.4	88.4
95	32.5	12.4	52.4

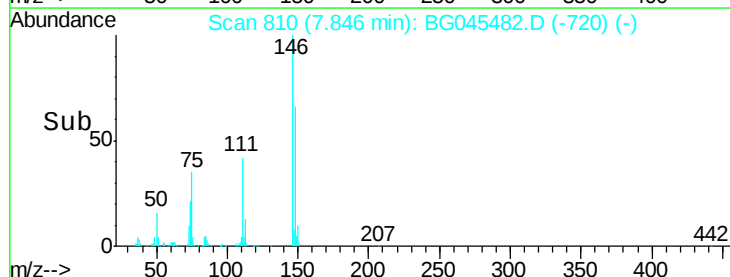
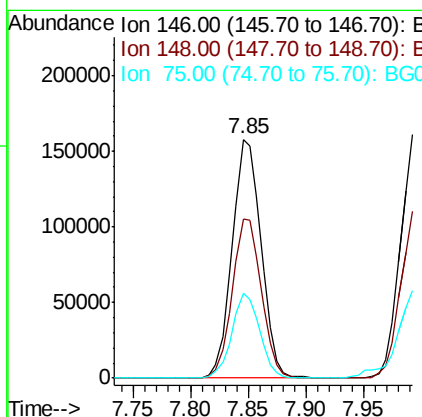
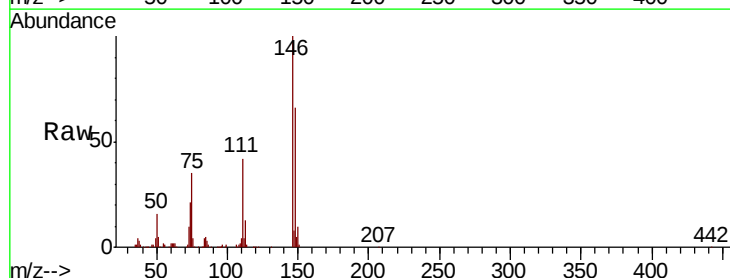
Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#12
1,3-Dichlorobenzene
Concen: 44.518 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:	146	Resp:	274006
Ion Ratio	Lower	Upper	
146	100		
148	66.5	53.2	79.8
75	35.4	28.6	43.0





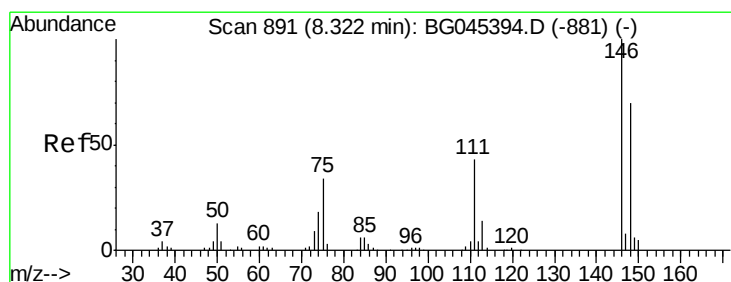
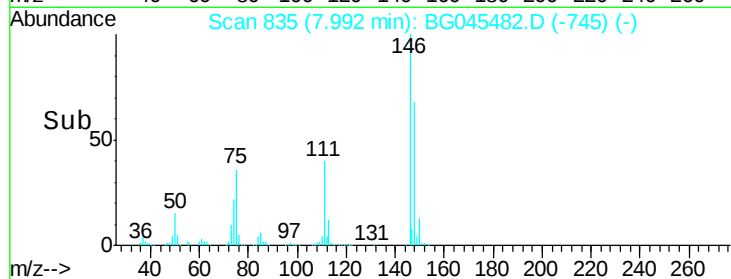
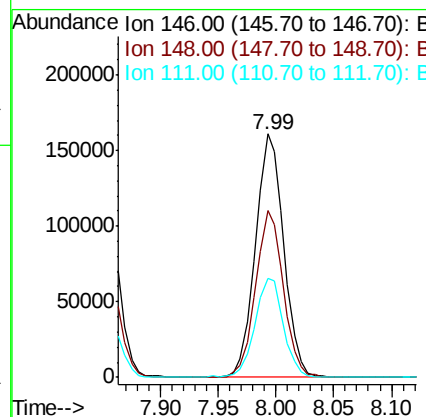
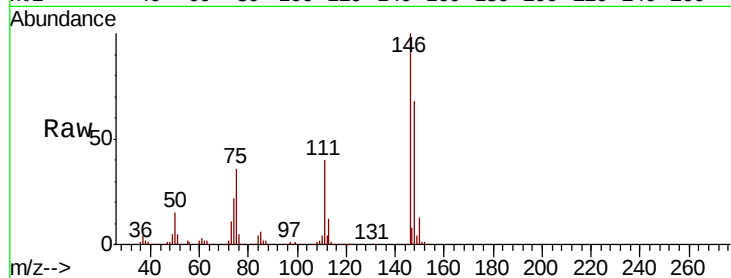
#13
1,4-Dichlorobenzene
Concen: 45.179 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.3	51.8	77.8
111	40.4	32.1	48.1

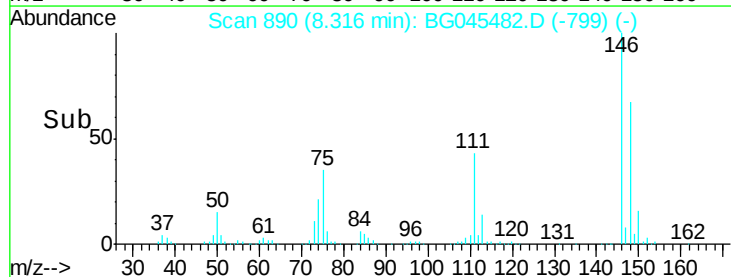
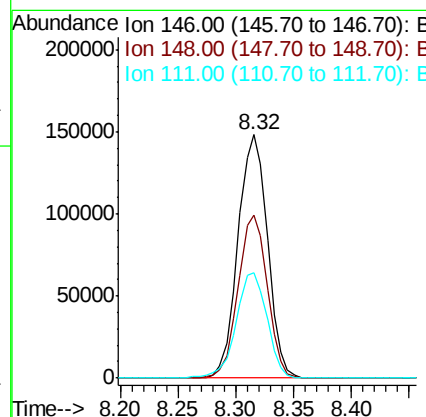
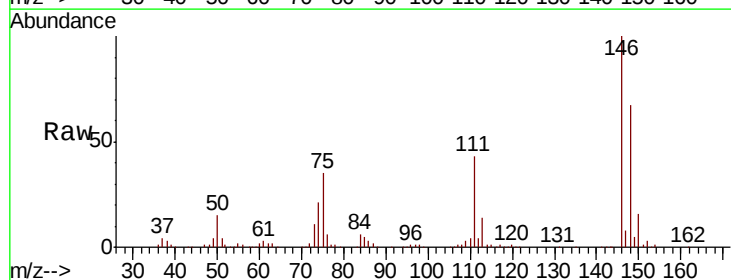
Manual Integrations
APPROVED

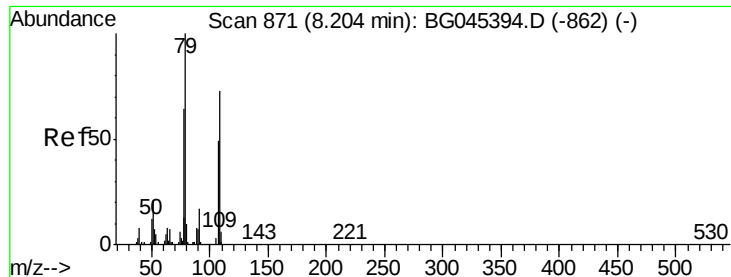
mohammad
5/29/2020 10:24:39 PM



#14
1,2-Dichlorobenzene
Concen: 44.907 ng
RT: 8.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	55.9	83.9
111	43.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 46.870 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

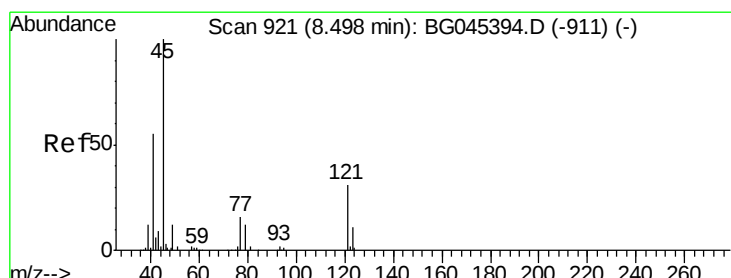
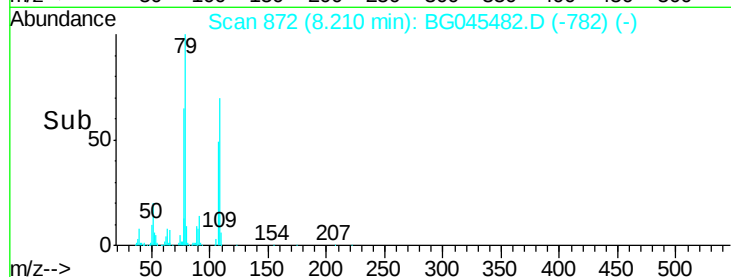
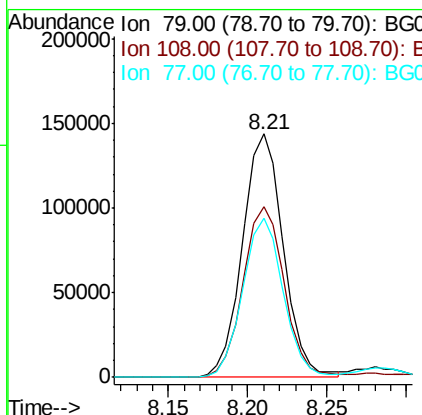
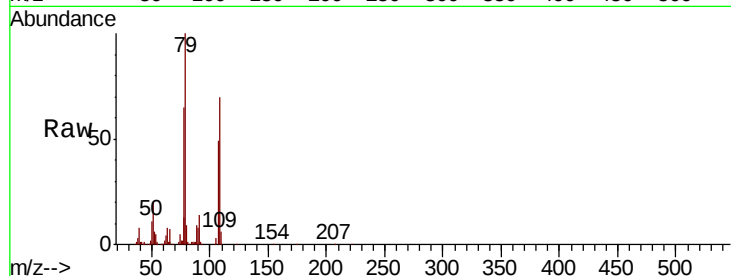
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	79	Resp:	257382
Ion Ratio	Lower	Upper	
79	100		
108	70.0	58.2	87.4
77	65.2	51.0	76.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.853 ng

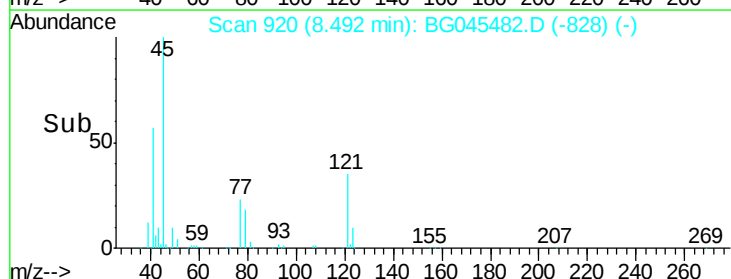
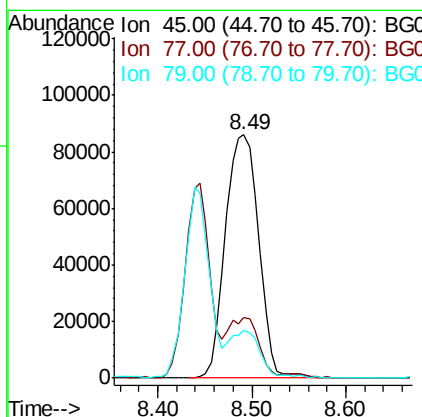
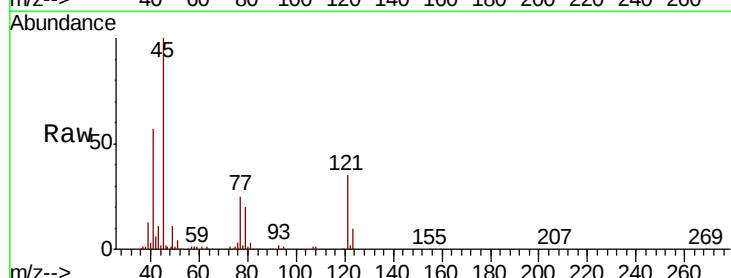
RT: 8.49 min Scan# 920

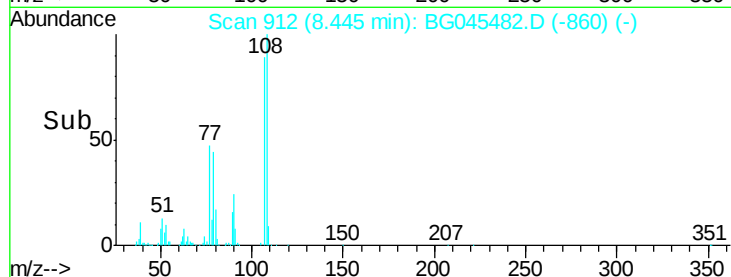
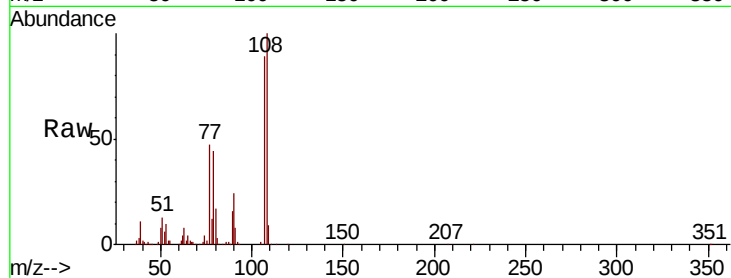
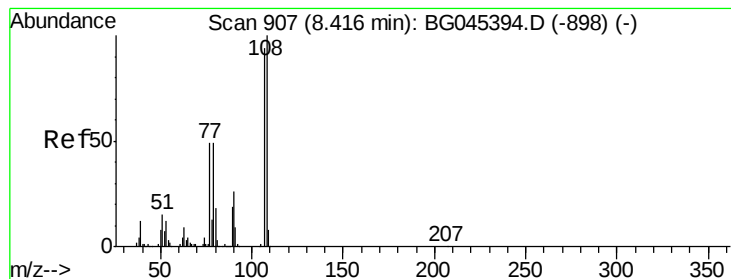
Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	45	Resp:	212301
Ion Ratio	Lower	Upper	
45	100		
77	25.1	4.0	44.0
79	19.6	0.0	38.6





#17

2-Methylphenol

Concen: 46.182 ng

RT: 8.44 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	85.2	127.8	
77	52.5	41.6	62.4	
79	49.5	41.8	62.8	

Instrument :

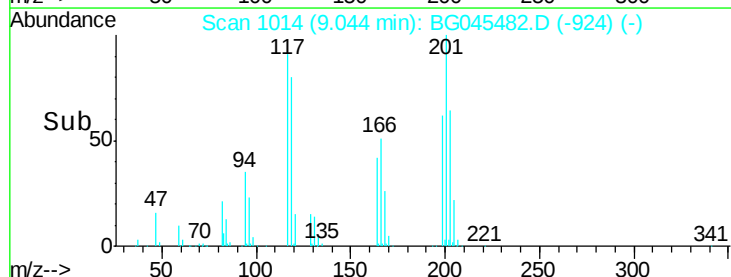
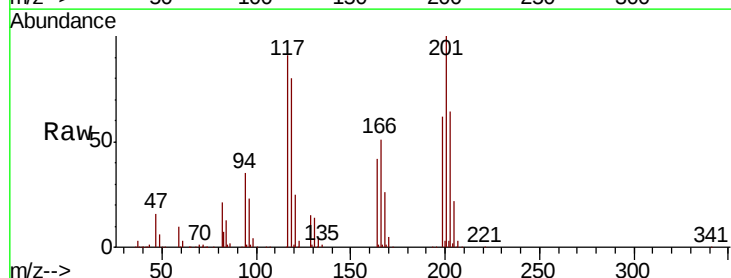
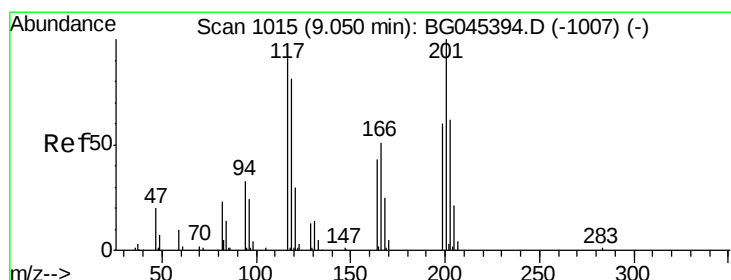
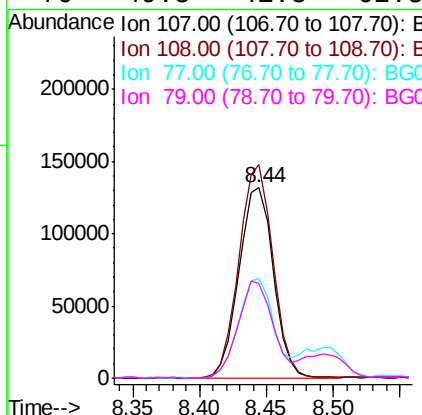
BNA_G

ClientSampleId :

NM62-COMP-2020-0-6MSD

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#18

Hexachloroethane

Concen: 46.523 ng

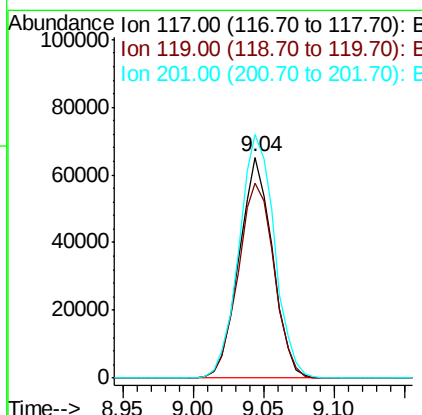
RT: 9.04 min Scan# 1014

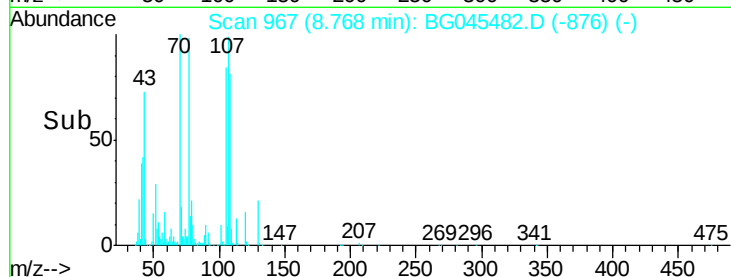
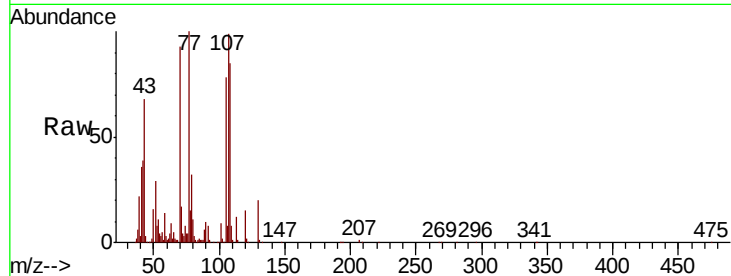
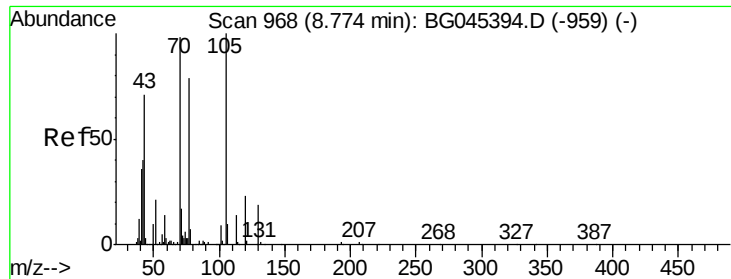
Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

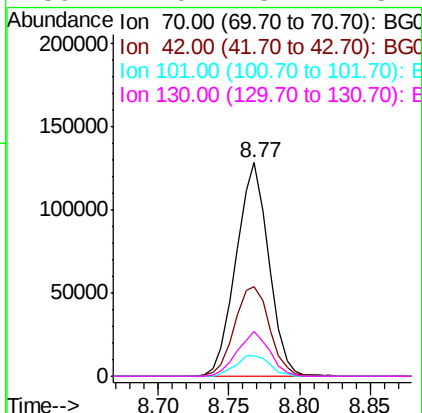
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.3	71.3	106.9	
201	110.4	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 44.963 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

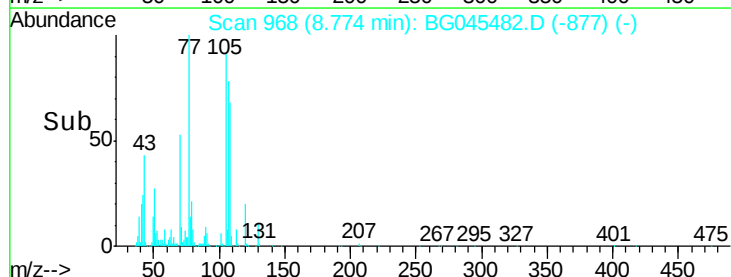
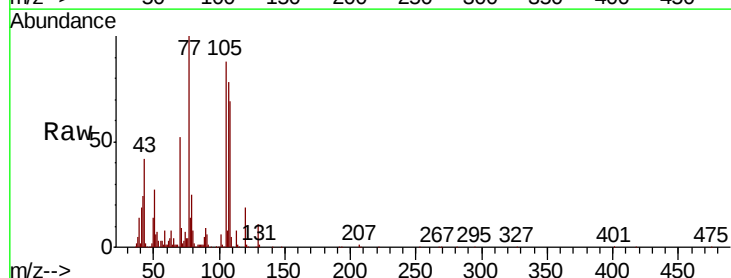
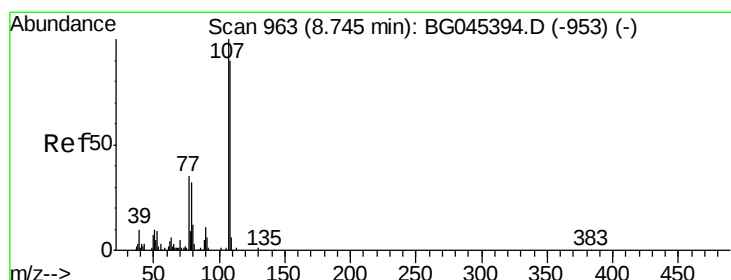
Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	41.9	33.2	49.8	
101	9.8	7.8	11.6	
130	21.0	15.4	23.2	



Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

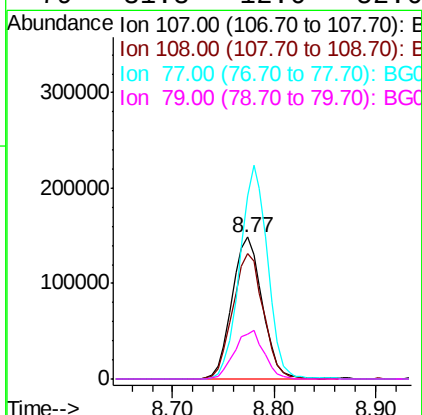
Manual Integrations
APPROVED

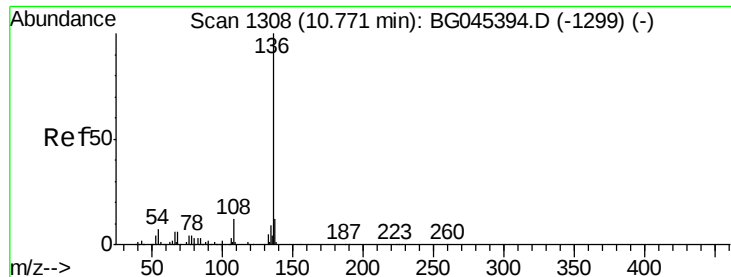
mohammad
5/29/2020 10:24:39 PM



#20
3+4-Methylphenols
Concen: 44.090 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.5	70.3	110.3	
77	128.7	15.4	55.4	
79	31.8	12.6	52.6	





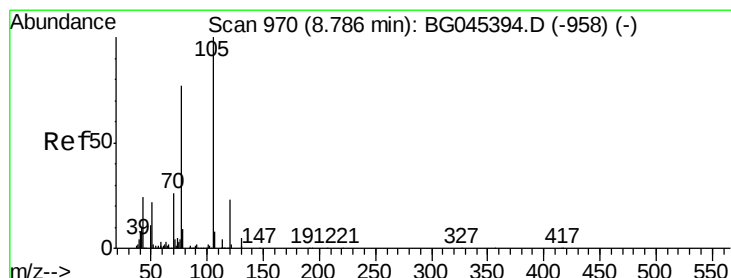
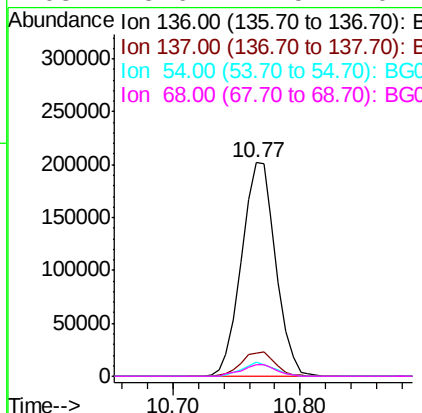
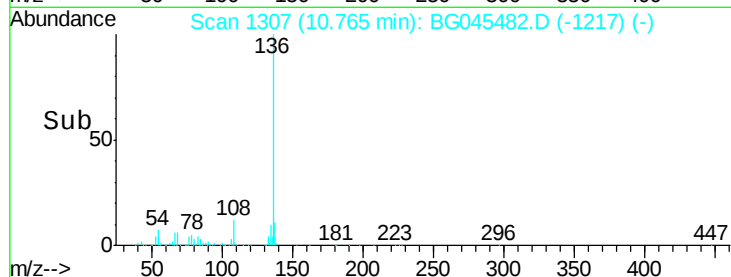
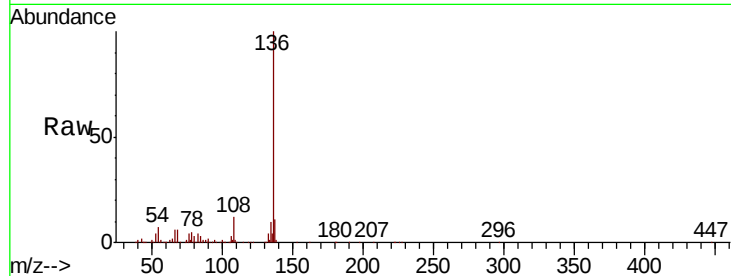
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	377170		
137	10.9		9.4	14.2
54	6.5		5.8	8.6
68	5.6		4.5	6.7

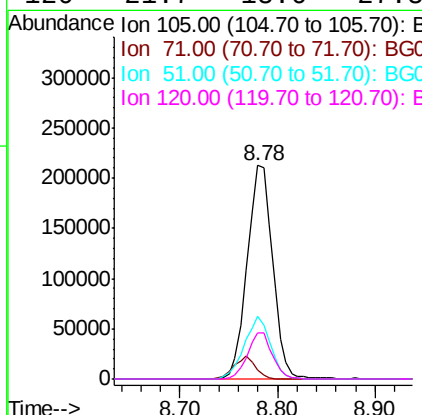
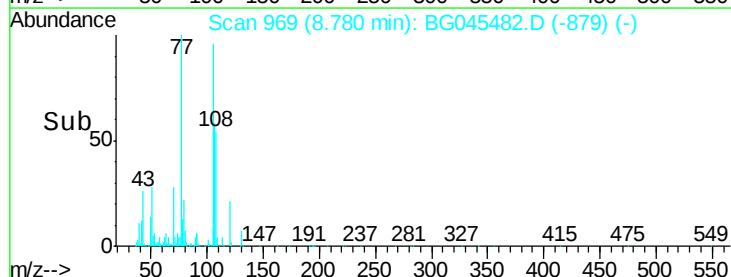
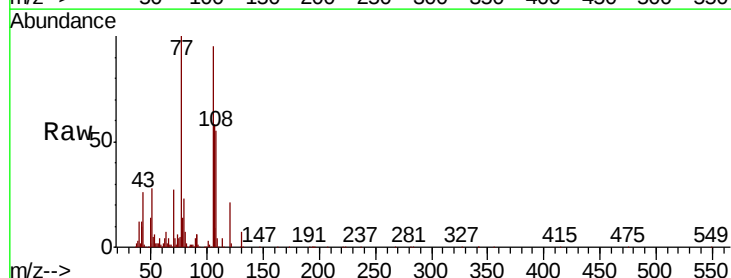
Manual Integrations
APPROVED

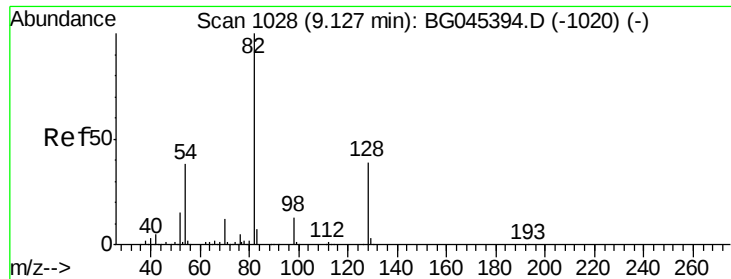
mohammad
5/29/2020 10:24:39 PM



#22
Acetophenone
Concen: 43.254 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386661		
71	4.3		3.4	5.0
51	29.2		18.2	27.2
120	21.7		18.6	27.8





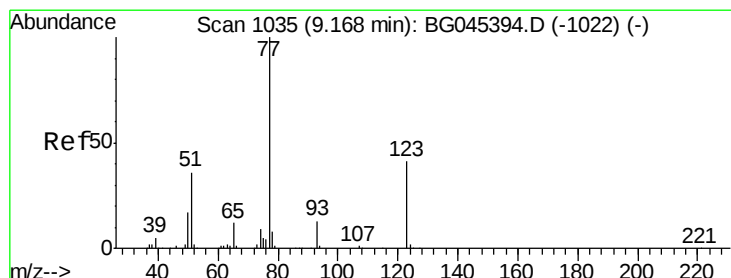
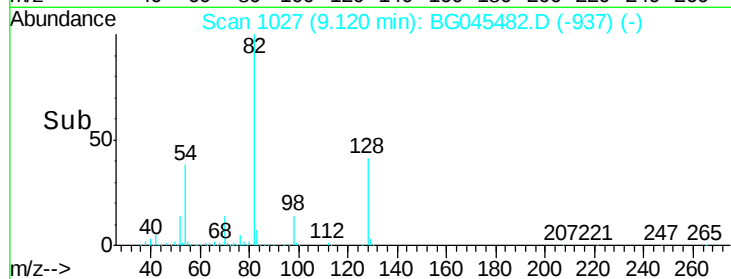
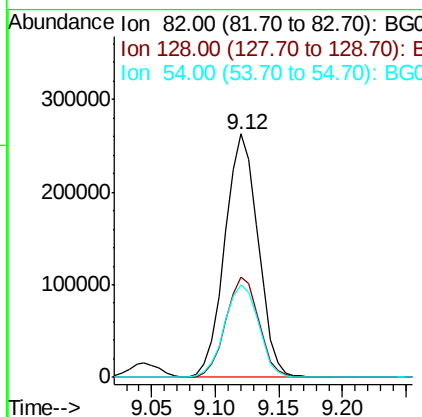
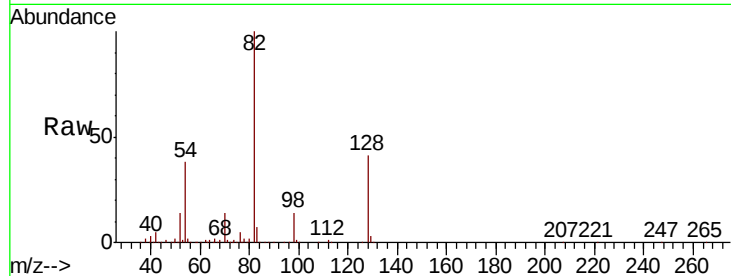
#23
Nitrobenzene-d5
Concen: 68.802 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.9	46.3
54	38.2	30.3	45.5

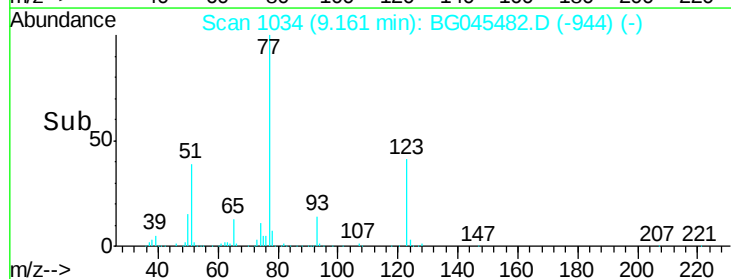
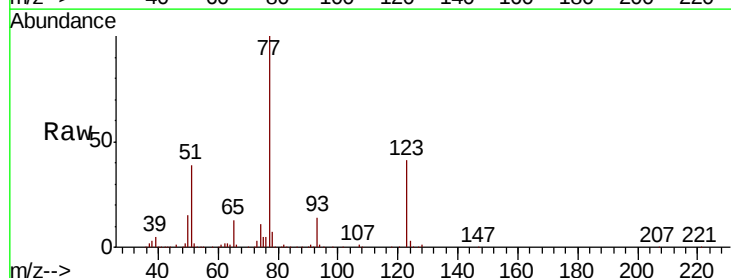
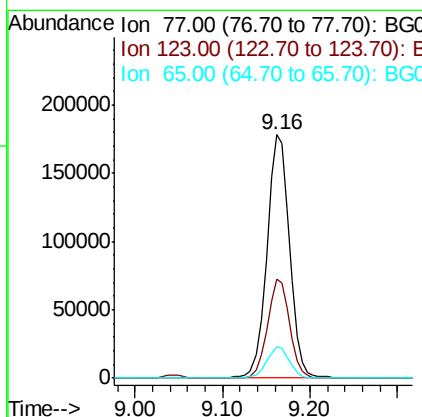
Manual Integrations
APPROVED

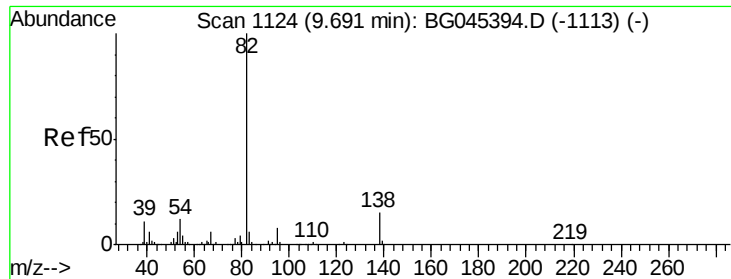
mohammad
5/29/2020 10:24:39 PM



#24
Nitrobenzene
Concen: 43.005 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	32.9	49.3
65	12.7	9.4	14.2





#25

Isophorone

Concen: 42.411 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

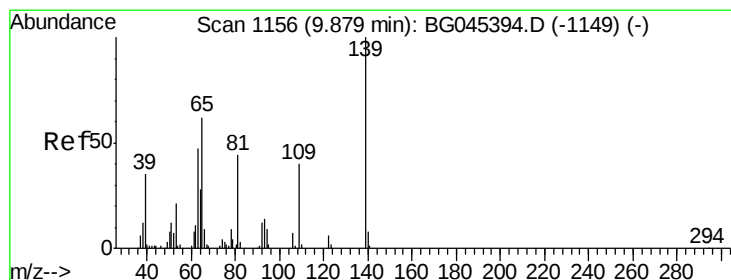
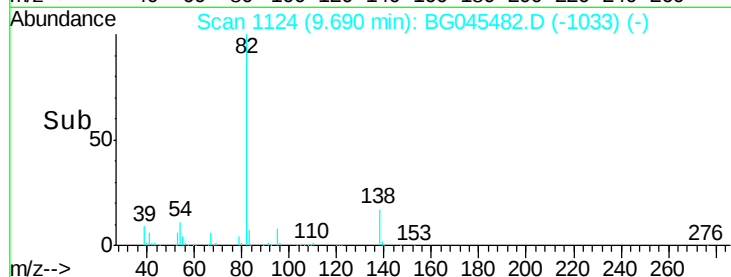
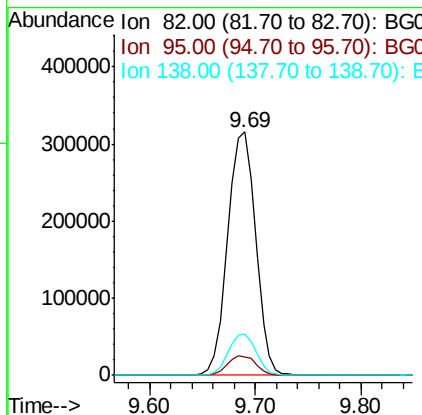
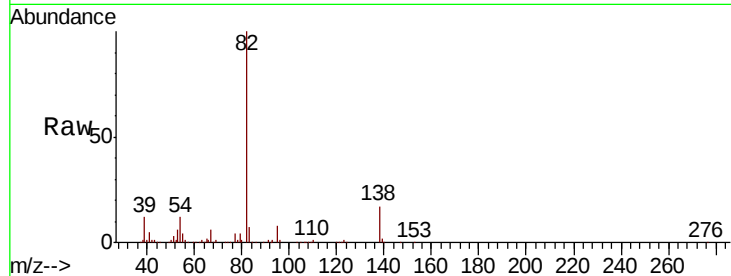
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	82	Resp:	577689
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.7	10.1
138	16.8	12.2	18.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#26

2-Nitrophenol

Concen: 47.242 ng

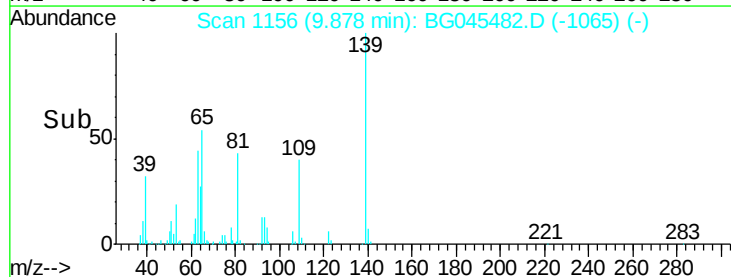
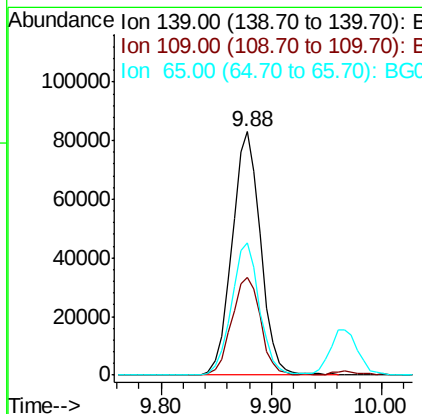
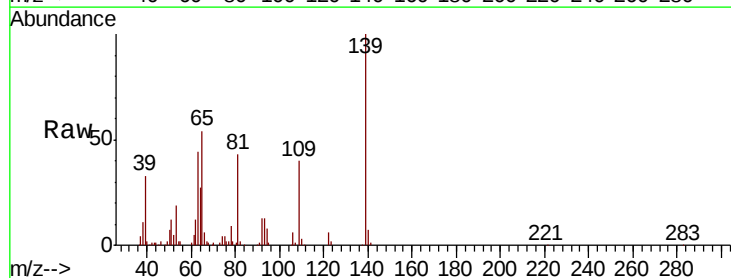
RT: 9.88 min Scan# 1156

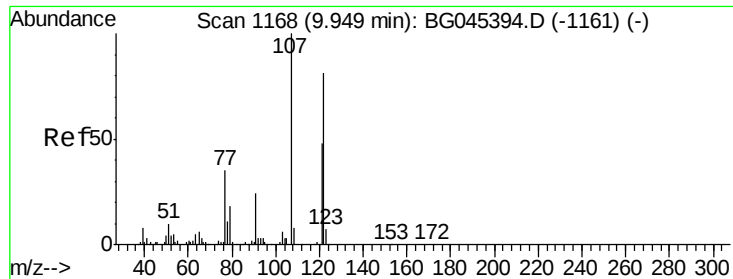
Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	139	Resp:	149758
Ion Ratio	Lower	Upper	
139	100		
109	40.1	32.2	48.4
65	54.4	49.6	74.4





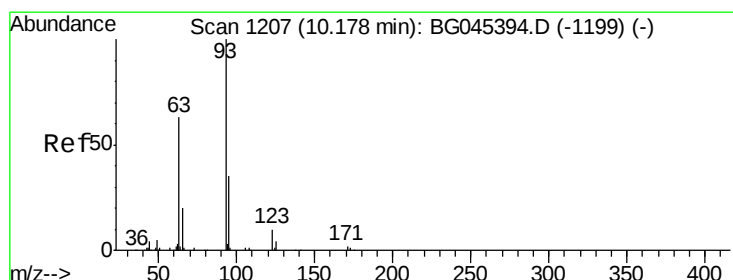
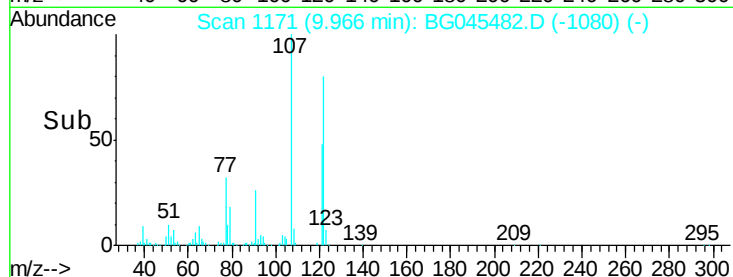
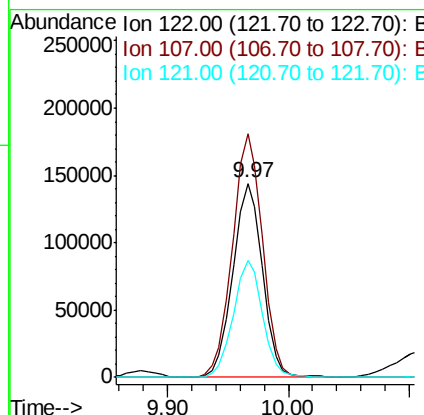
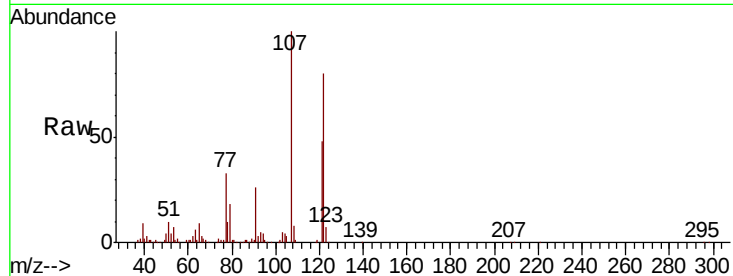
#27
2,4-Dimethylphenol
Concen: 52.259 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	125.6	99.0	148.4	
121	60.3	47.7	71.5	

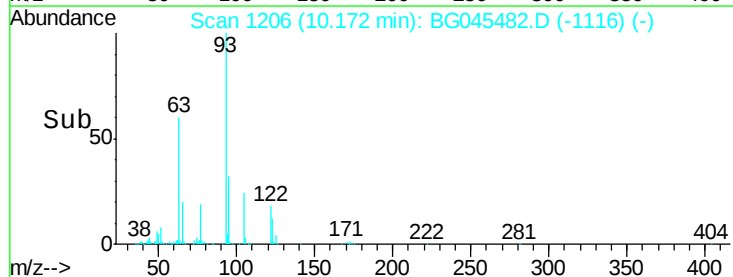
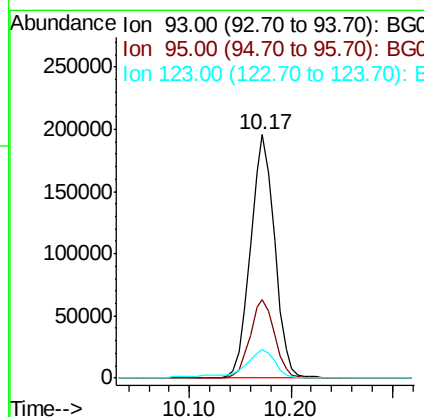
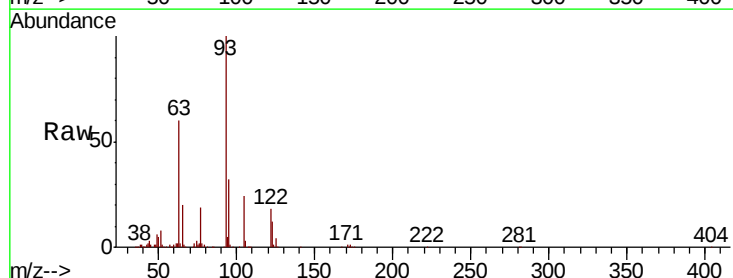
Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.224 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.5	27.6	41.4	
123	12.0	8.1	12.1	





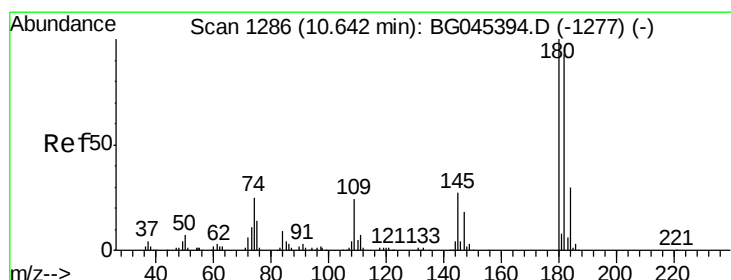
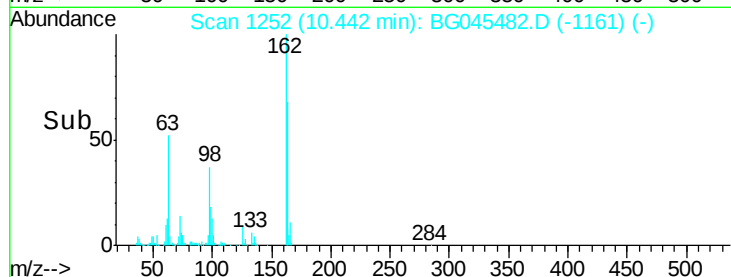
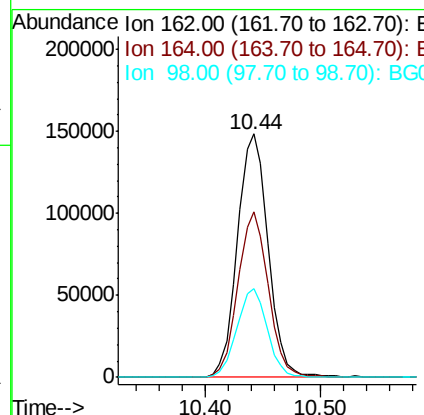
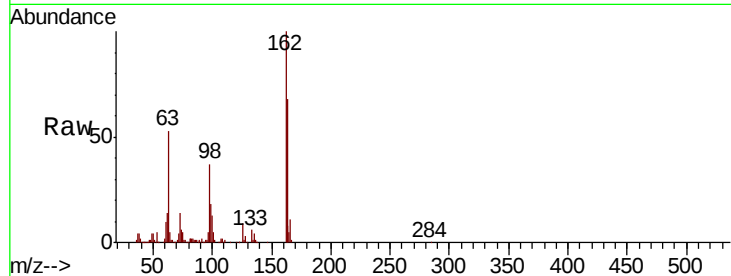
#29
2,4-Dichlorophenol
Concen: 49.293 ng
RT: 10.44 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	46.8	86.8
98	36.7	15.2	55.2

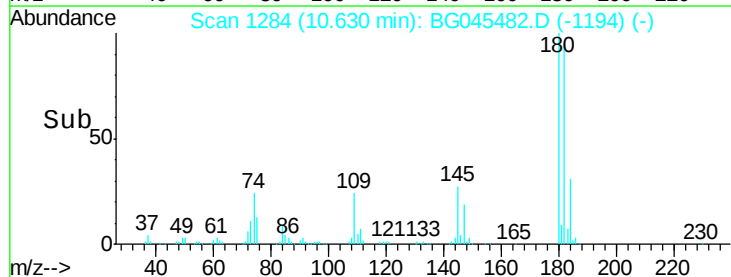
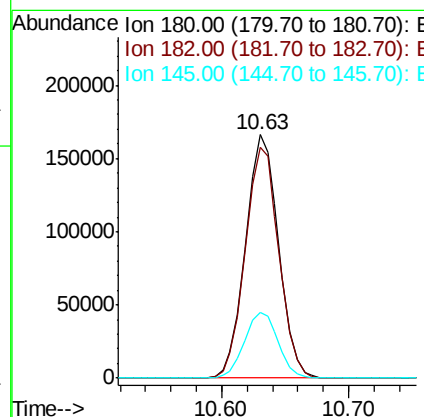
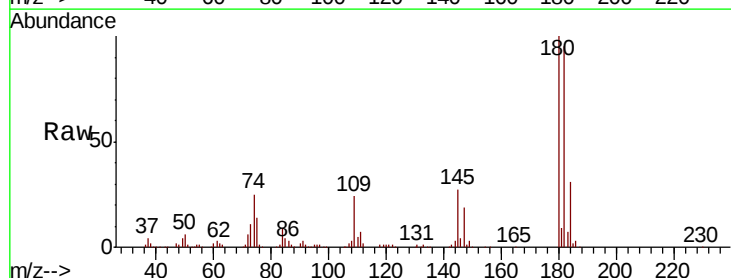
Manual Integrations
APPROVED

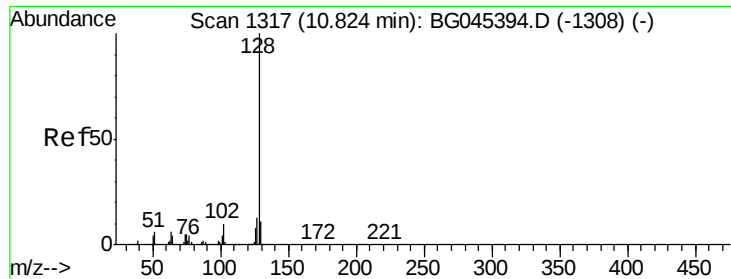
mohammad
5/29/2020 10:24:39 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.904 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.8	112.2
145	27.2	21.9	32.9





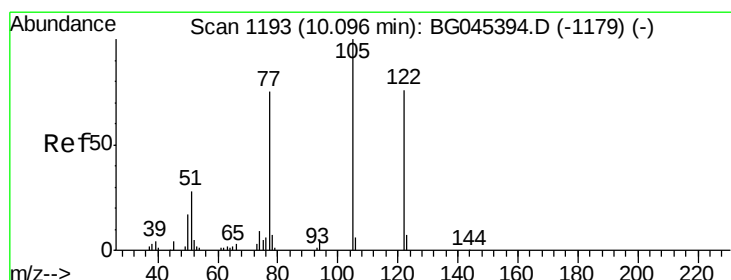
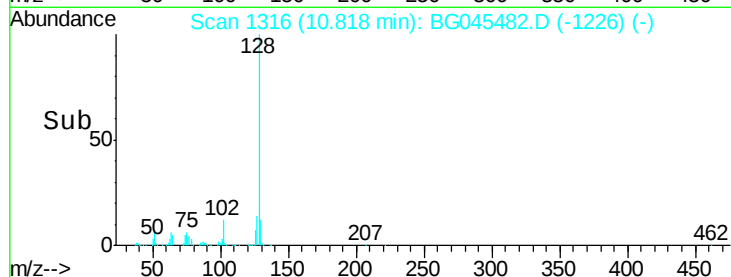
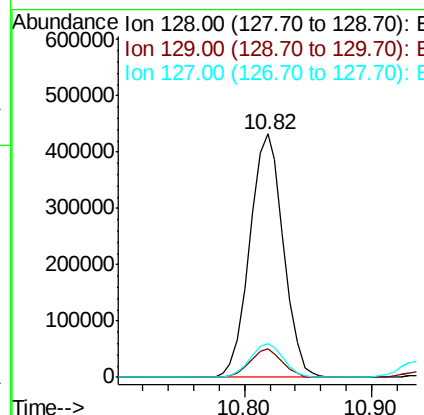
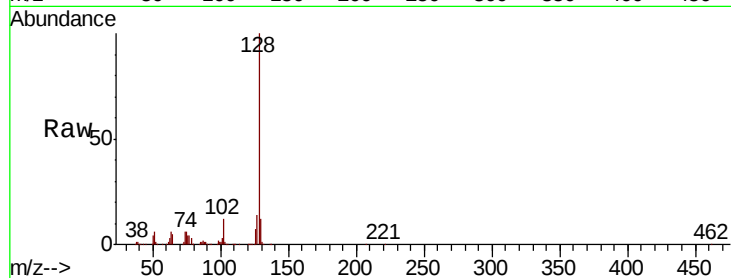
#31
Naphthalene
Concen: 45.239 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.0	13.6	
127	14.0	10.7	16.1	

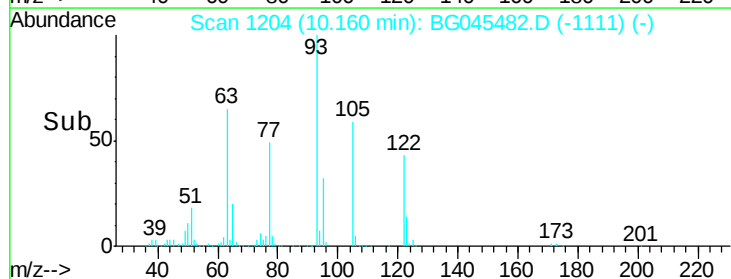
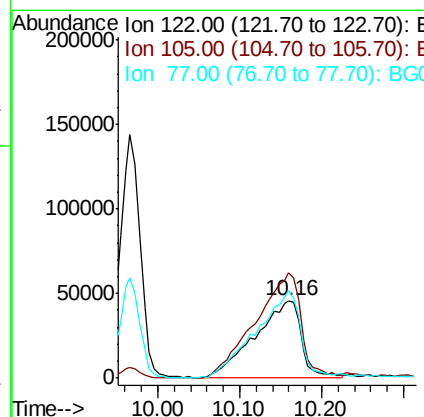
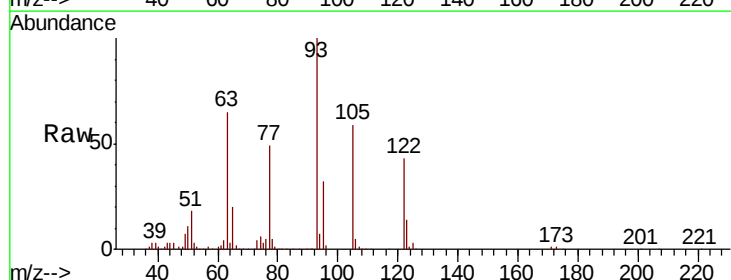
Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#32
Benzoic acid
Concen: 54.281 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.6	107.9	147.9	
77	113.3	78.9	118.9	





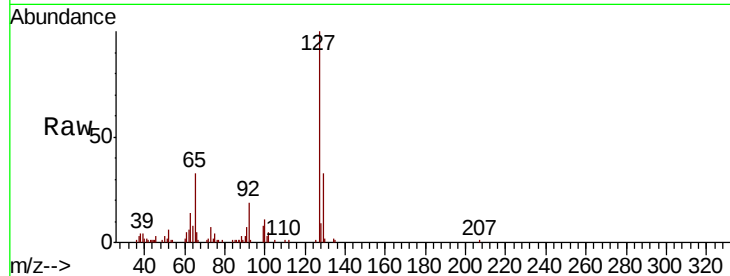
#33
4-Chloroaniline
Concen: 8.356 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

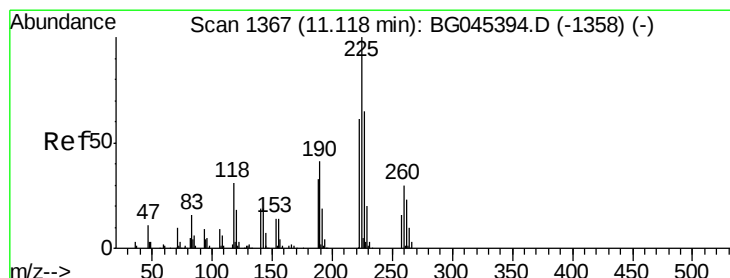
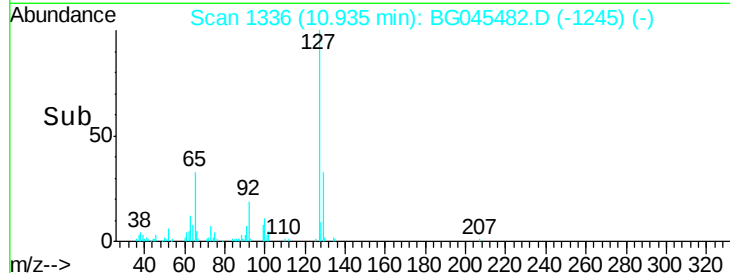
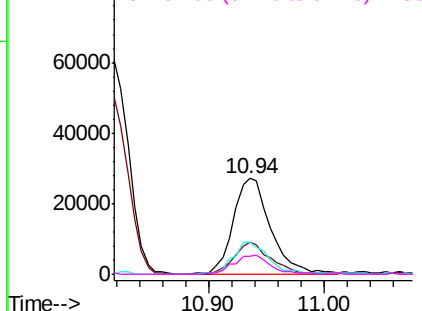
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		61387		
129	32.8	24.7	37.1		
65	33.3	26.2	39.2		
92	18.6	17.9	26.9		

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM

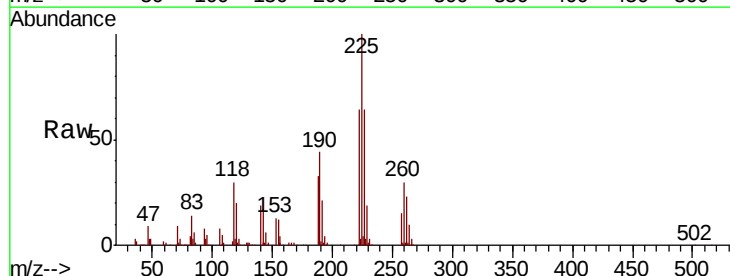


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

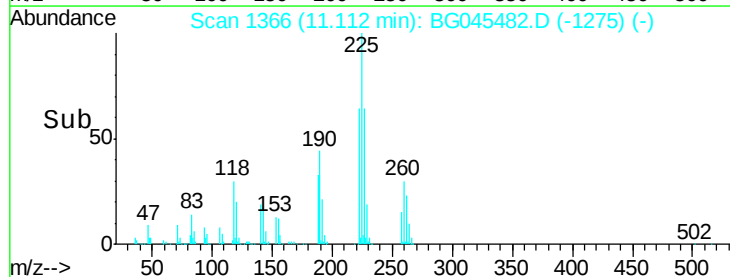
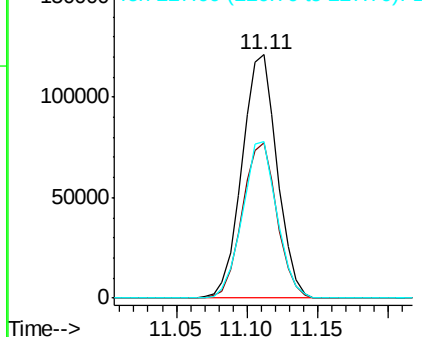


#34
Hexachlorobutadiene
Concen: 45.406 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		210569		
223	64.0	49.1	73.7		
227	64.3	52.0	78.0		



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





#35

Caprolactam

Concen: 44.001 ng/mL

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

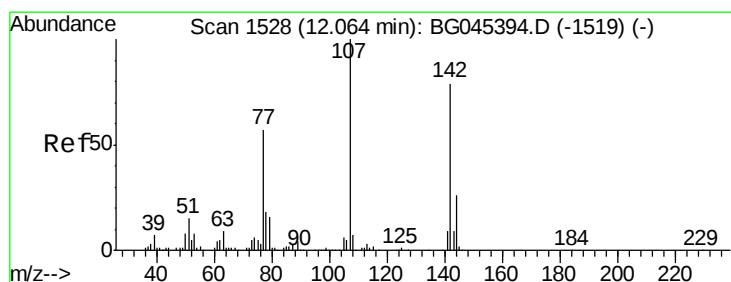
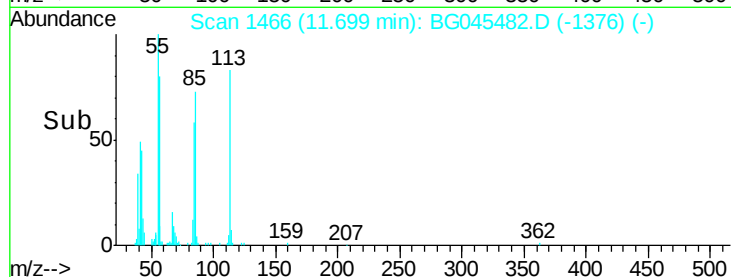
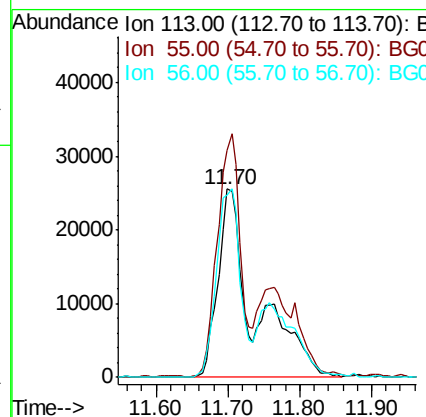
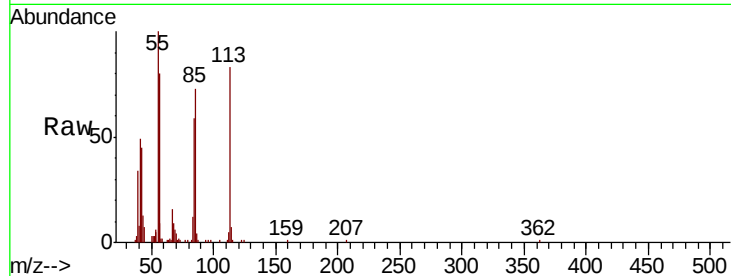
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	113	Resp:	89669
Ion	Ratio	Lower	Upper
113	100		
55	120.9	96.0	136.0
56	96.6	75.1	115.1

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#36

4-Chloro-3-methylphenol

Concen: 48.939 ng/mL

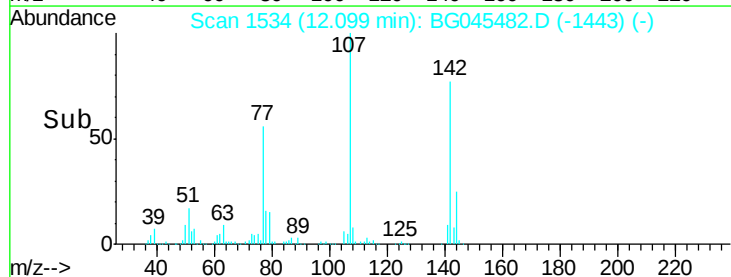
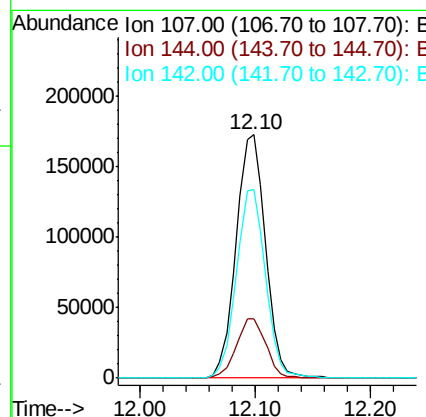
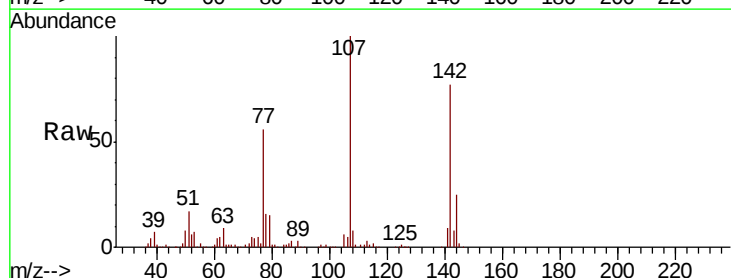
RT: 12.10 min Scan# 1534

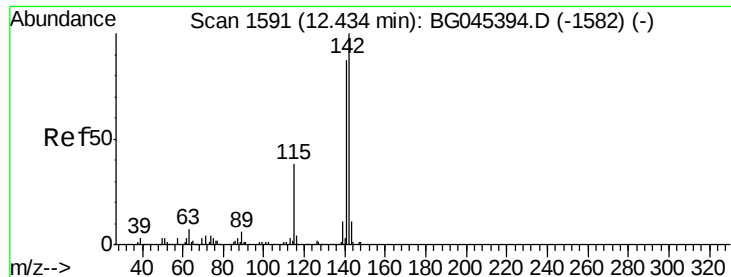
Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	107	Resp:	306175
Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.8	31.2
142	77.2	62.8	94.2





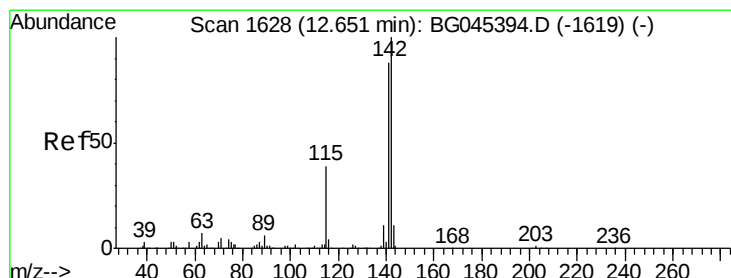
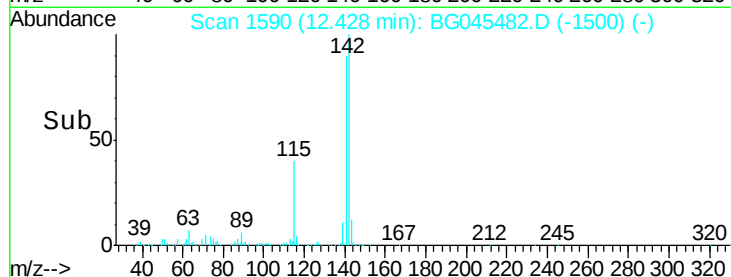
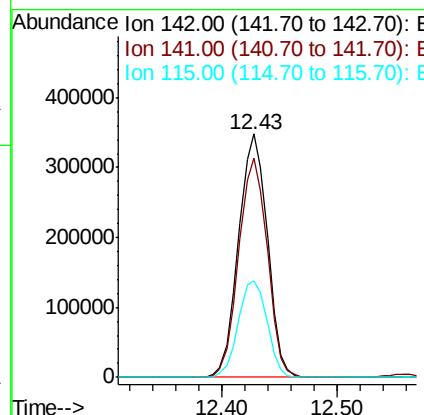
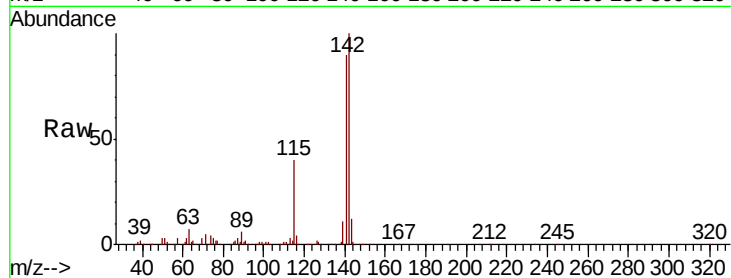
#37
2-Methylnaphthalene
Concen: 45.999 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.0	105.0
115	39.7	30.8	46.2

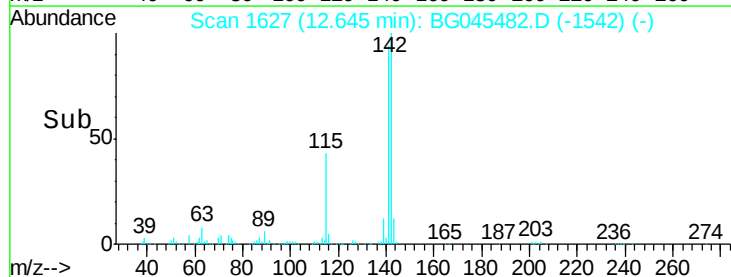
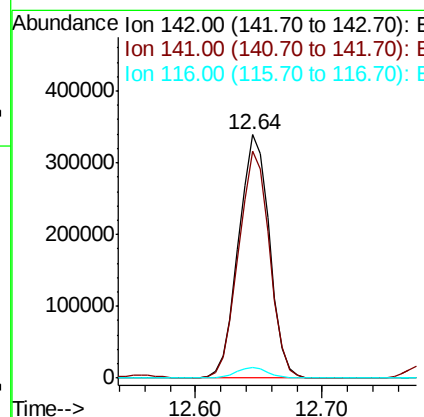
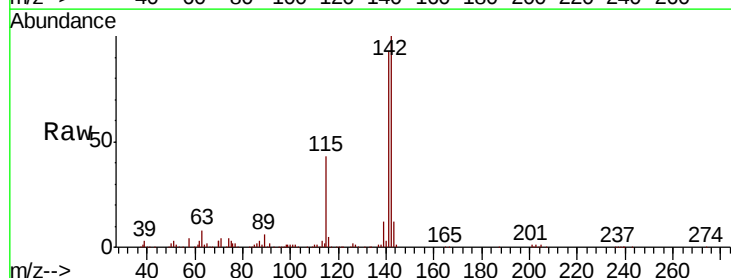
Manual Integrations
APPROVED

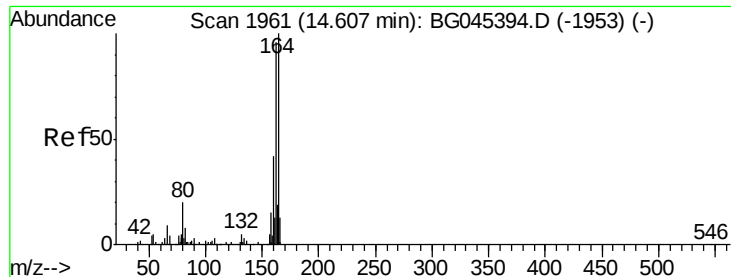
mohammad
5/29/2020 10:24:39 PM



#38
1-Methylnaphthalene
Concen: 46.188 ng
RT: 12.64 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	70.8	106.2
116	4.5	3.0	4.6





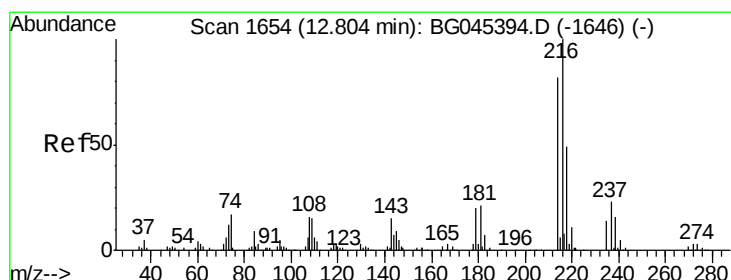
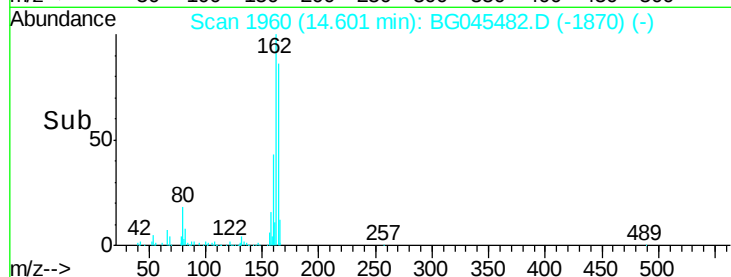
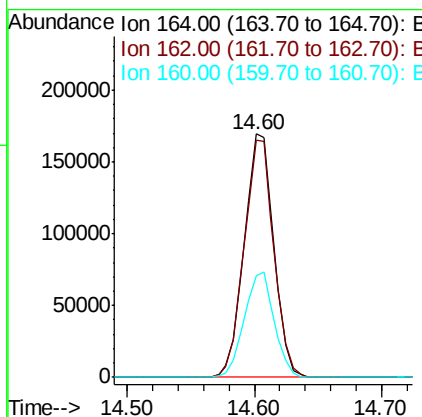
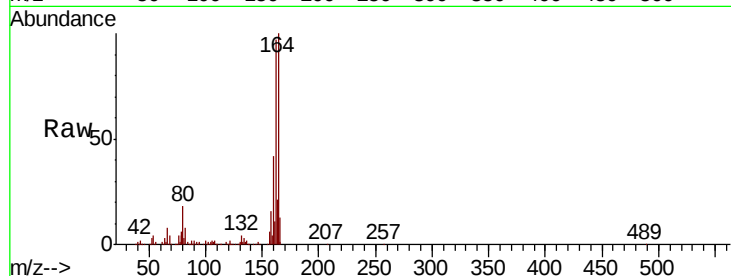
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	76.9	115.3
160	41.8	33.8	50.8

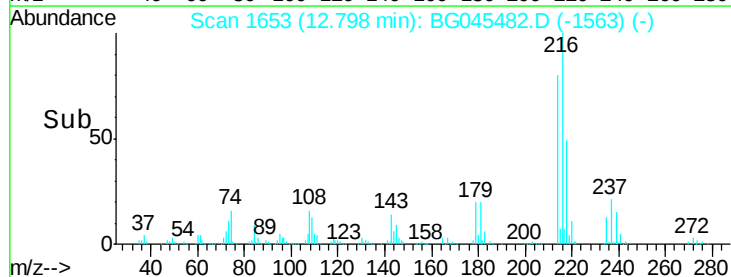
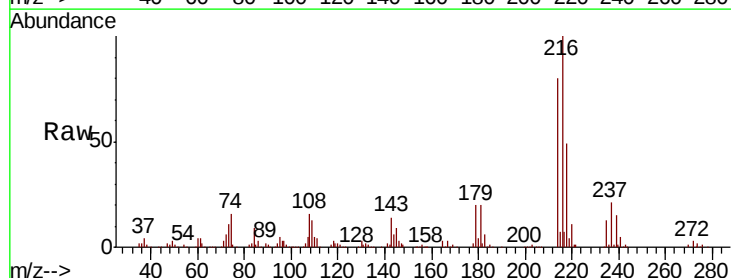
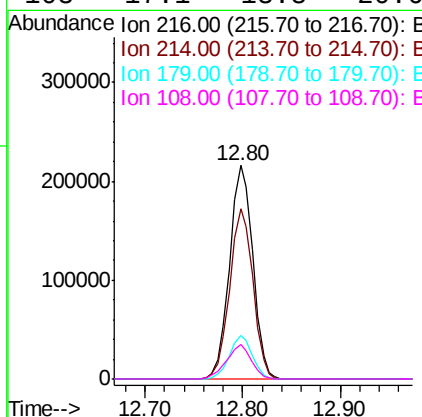
Manual Integrations
APPROVED

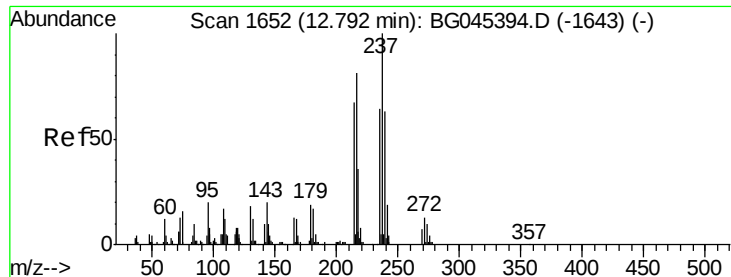
mohammad
5/29/2020 10:24:39 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.567 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	19.9	16.1	24.1
108	17.1	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 67.192 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

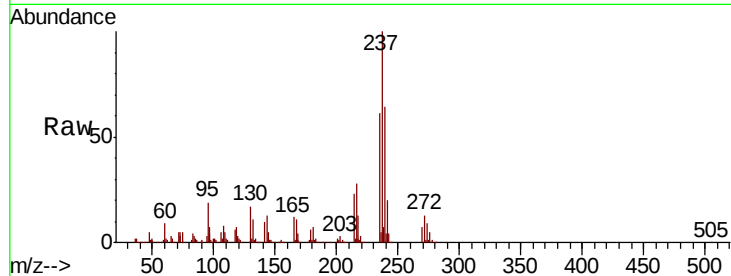
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	237	Resp:	297077
Ion Ratio	Lower	Upper	
237	100		
235	61.5	44.4	84.4
272	12.5	0.0	32.5

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM

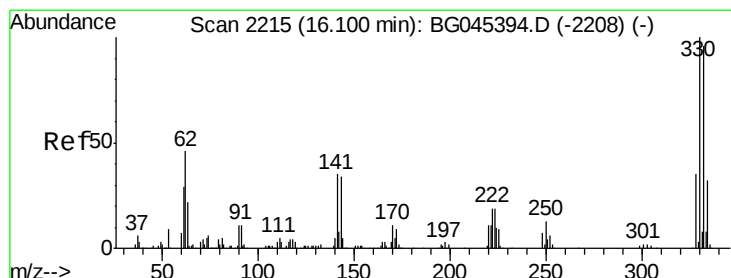
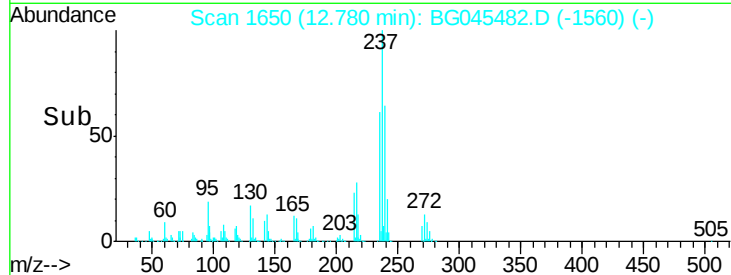
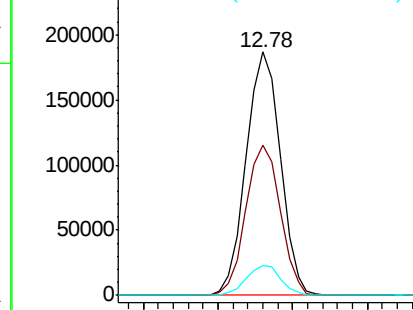


Abundance

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: 104.482 ng

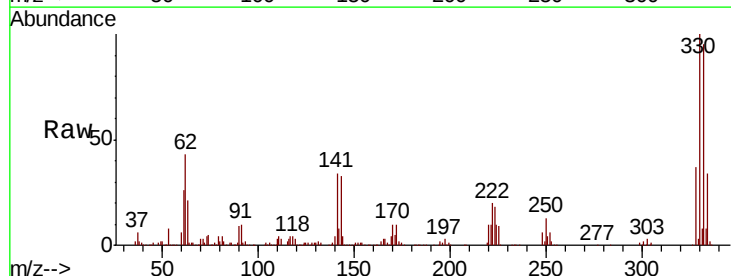
RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	330	Resp:	366454
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.2	117.4
141	33.4	28.2	42.4

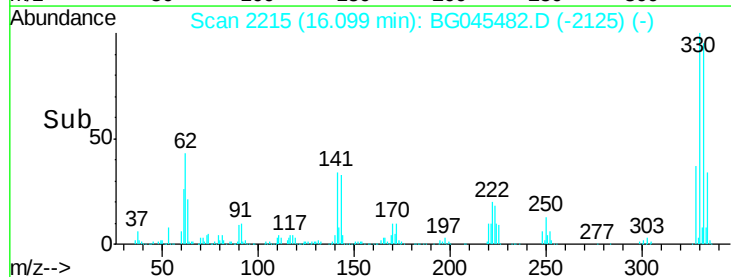
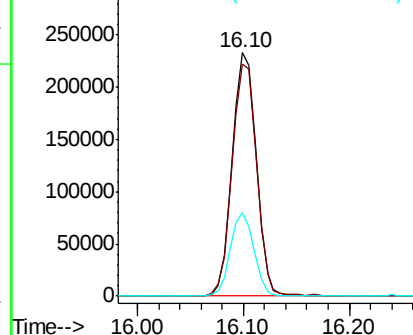


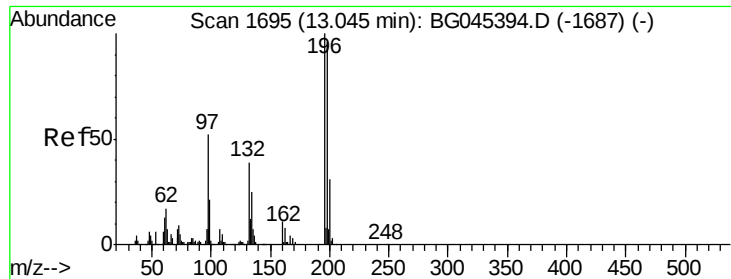
Abundance

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





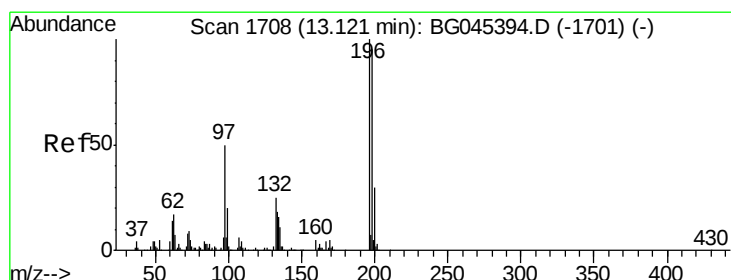
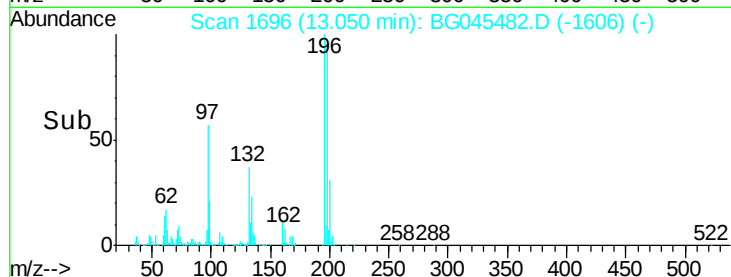
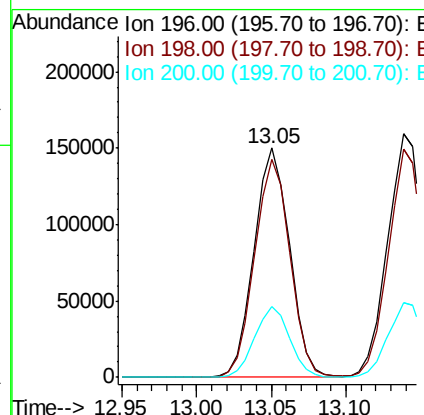
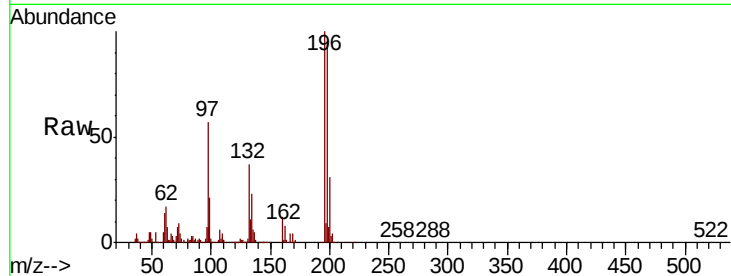
#43
 2,4,6-Trichlorophenol
 Concen: 46.328 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.7	115.1
200	30.9	24.9	37.3

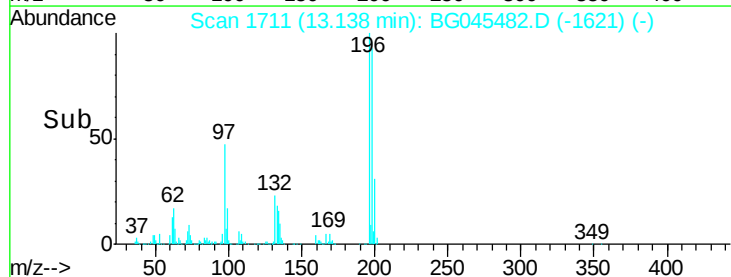
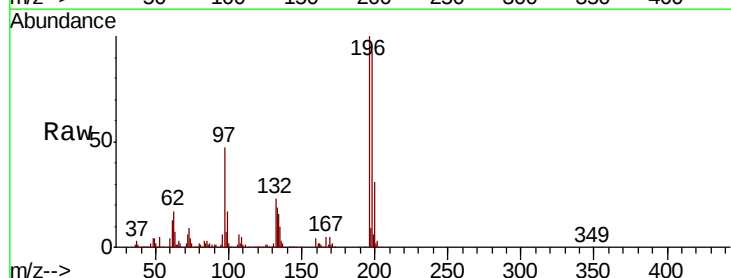
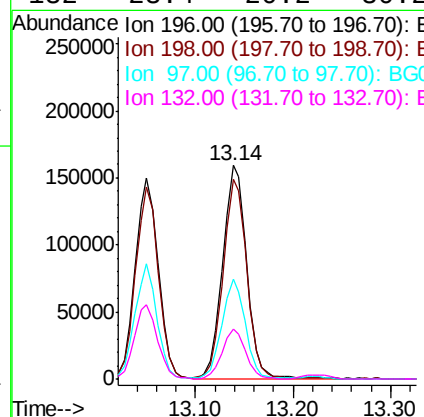
Manual Integrations
 APPROVED

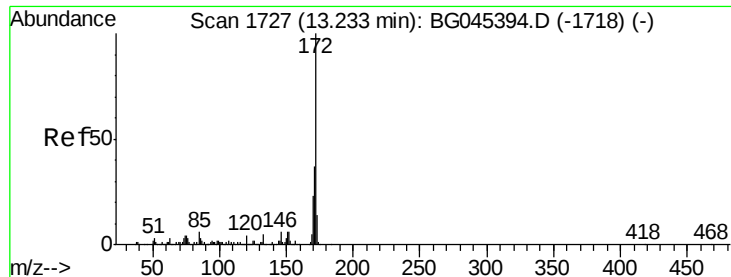
mohammad
 5/29/2020 10:24:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.568 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.1	114.1
97	46.8	40.0	60.0
132	23.4	20.2	30.2





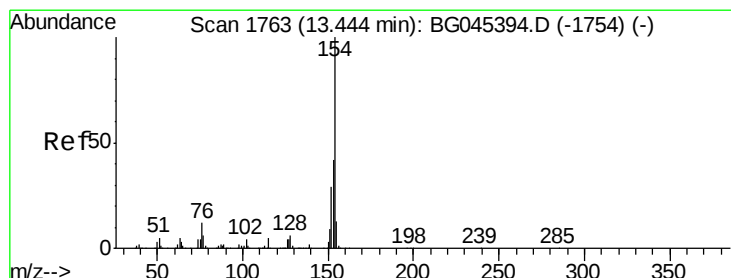
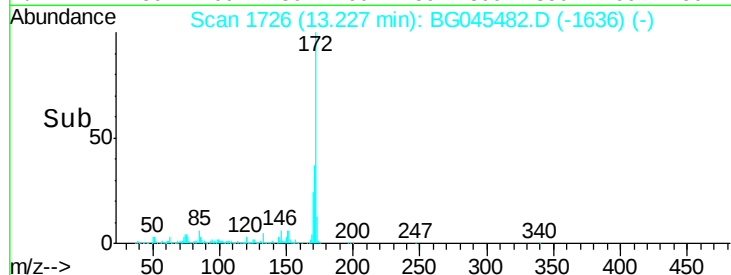
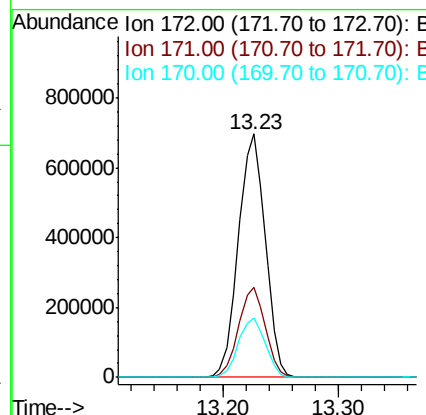
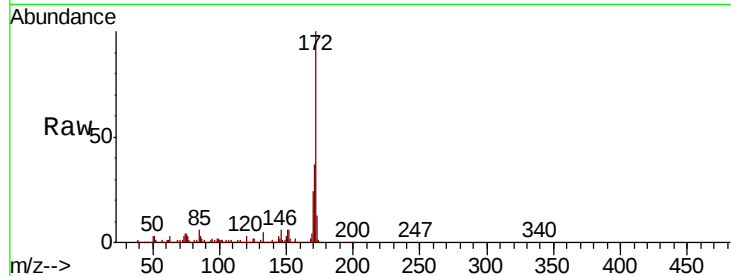
#45
2-Fluorobiphenyl
Concen: 69.603 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	24.4	18.5	27.7

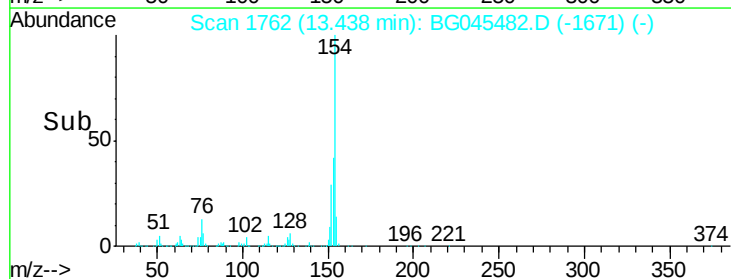
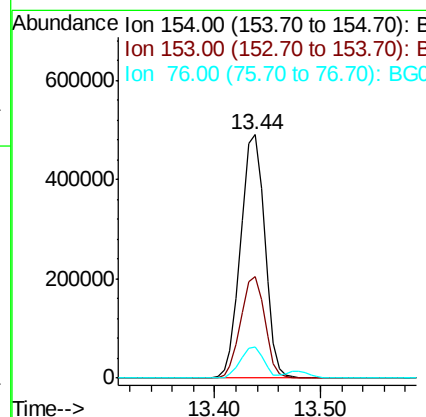
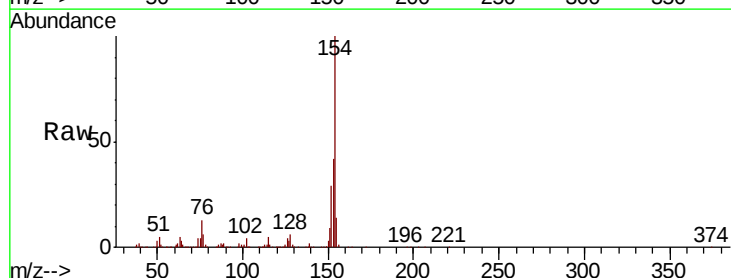
Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#46
1,1'-Biphenyl
Concen: 46.082 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.2	62.2
76	12.9	0.0	32.4





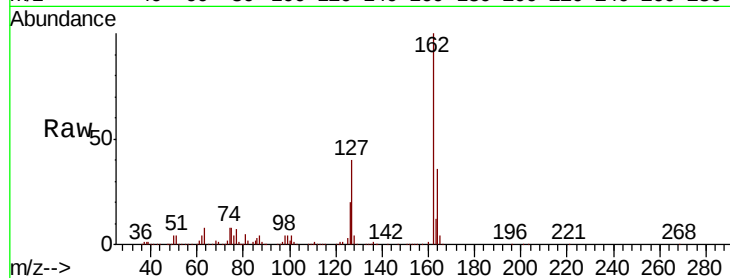
#47
2-Chloronaphthalene
Concen: 43.621 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

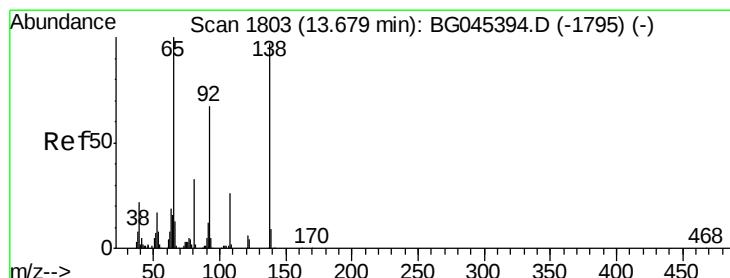
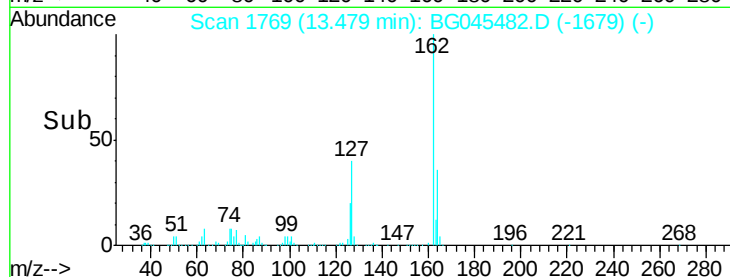
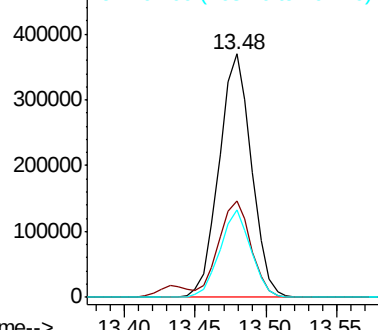
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		596913		
127	39.9		31.6	47.4	
164	36.0		28.1	42.1	

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM

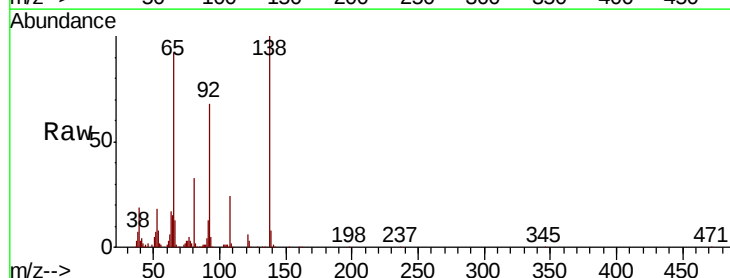


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

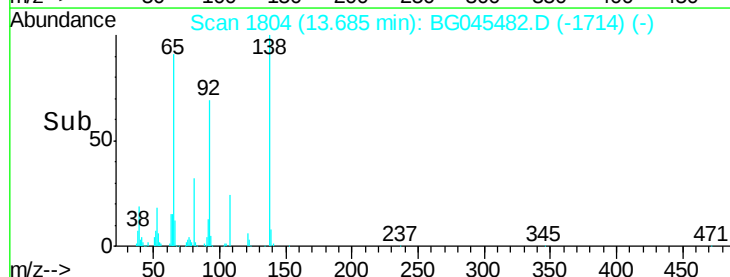
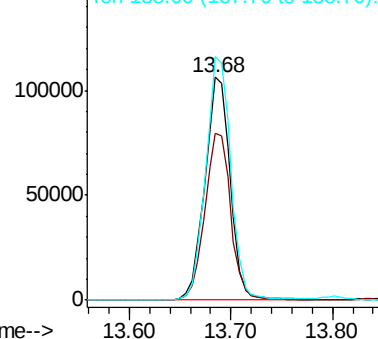


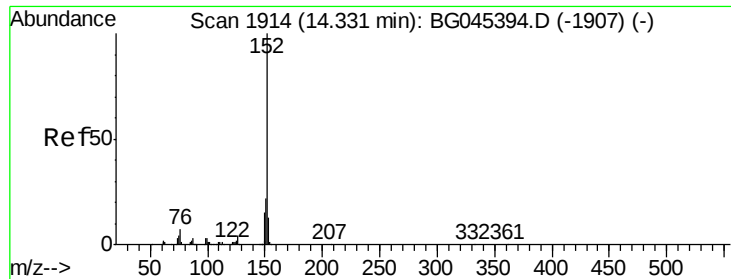
#48
2-Nitroaniline
Concen: 40.943 ng
RT: 13.68 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		184293		
92	74.8		53.8	80.8	
138	109.2		77.9	116.9	



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.362 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

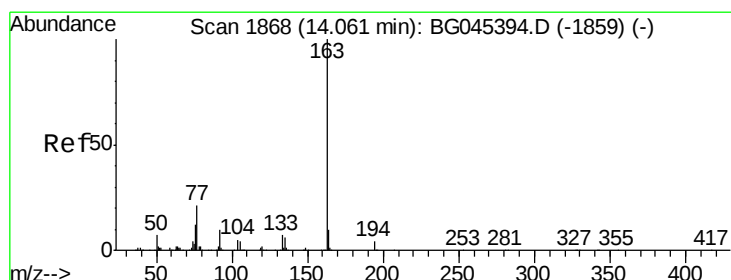
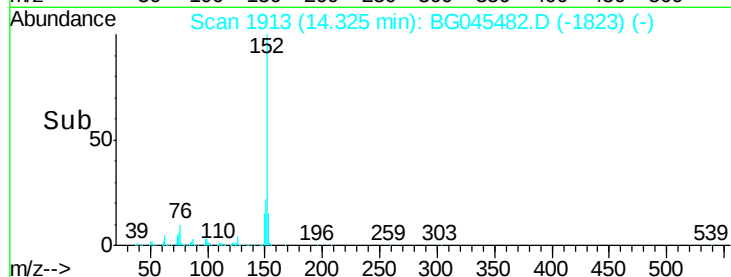
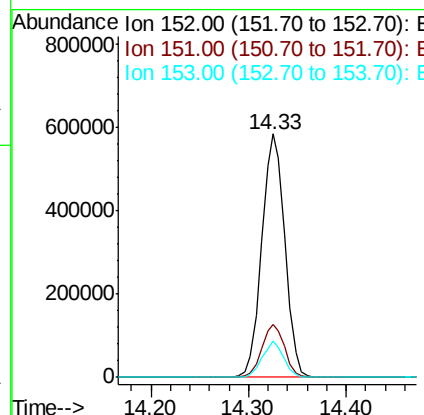
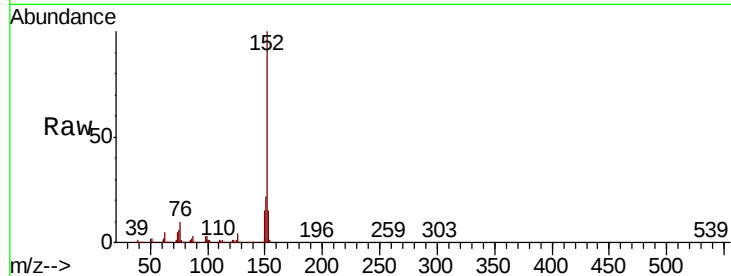
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	152	Resp:	975078
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.4	26.2
153	14.7	10.7	16.1

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#50

Dimethylphthalate

Concen: 45.472 ng

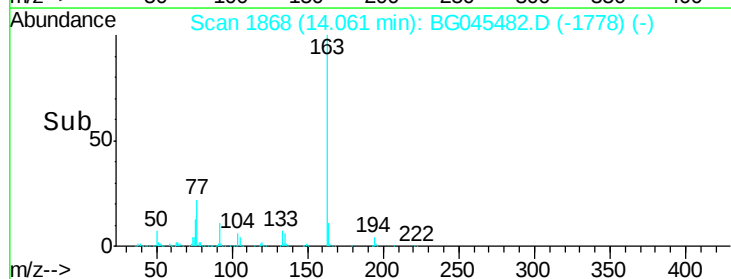
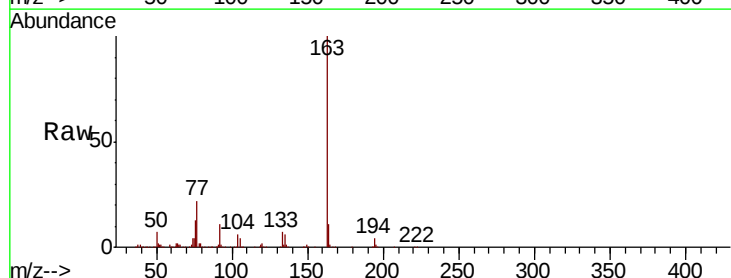
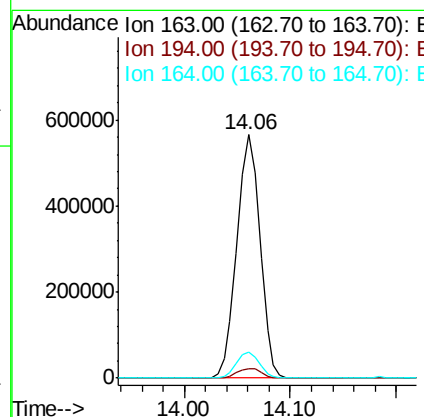
RT: 14.06 min Scan# 1868

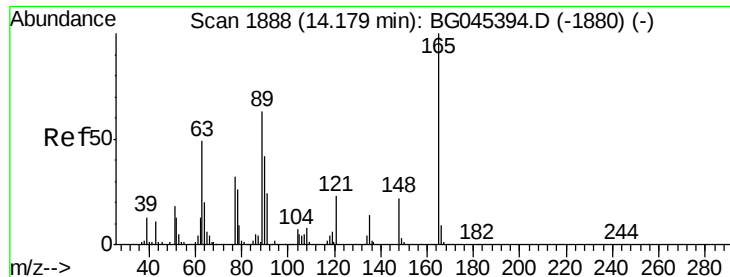
Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	163	Resp:	855476
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.9	8.3	12.5





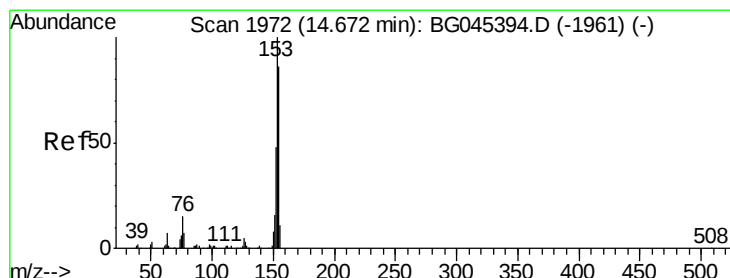
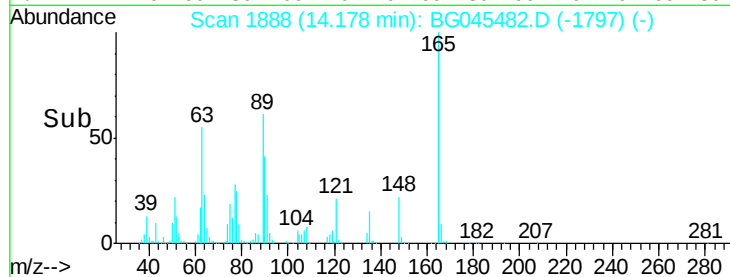
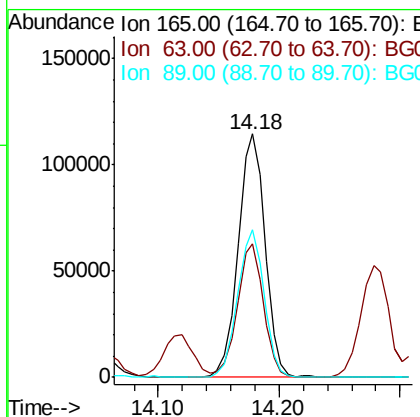
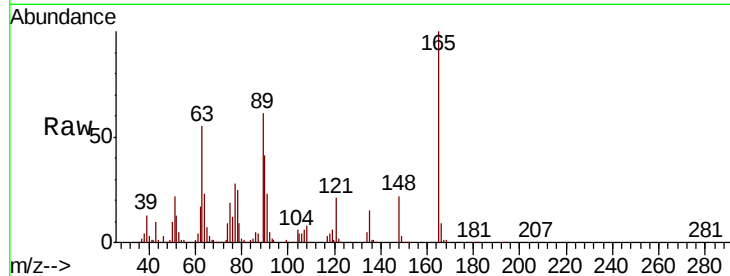
#51
 2,6-Dinitrotoluene
 Concen: 41.986 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	45.0	67.4
89	60.5	50.2	75.4

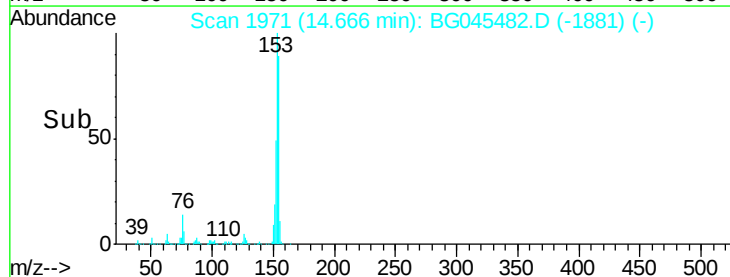
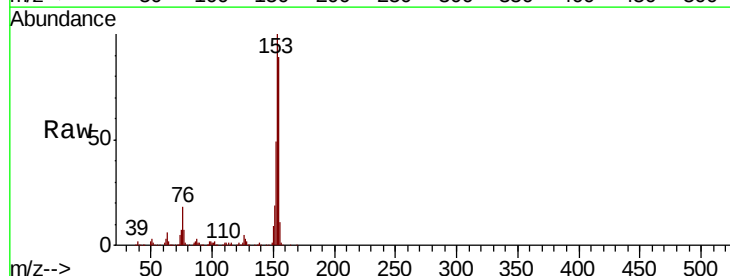
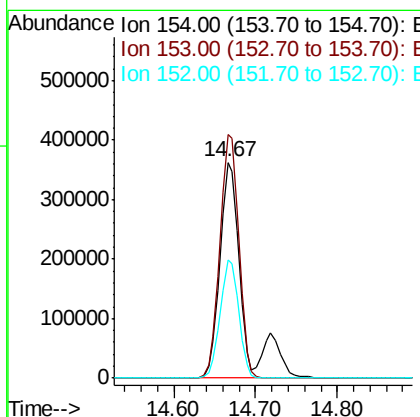
Manual Integrations
 APPROVED

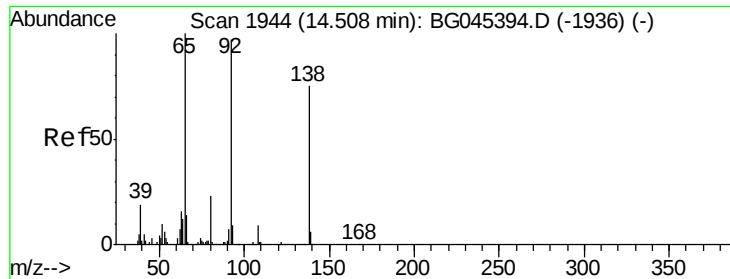
mohammad
 5/29/2020 10:24:39 PM



#52
 Acenaphthene
 Concen: 47.811 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	92.8	139.2
152	55.0	44.6	66.8





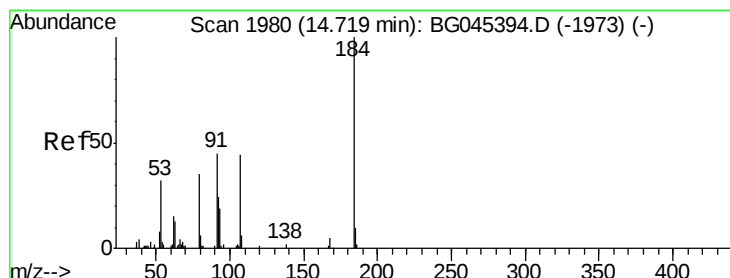
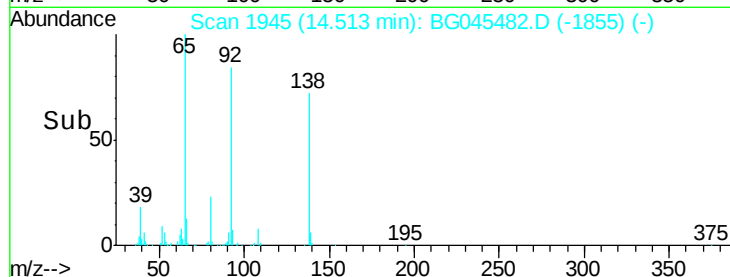
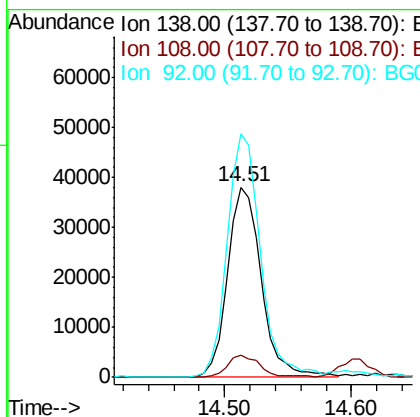
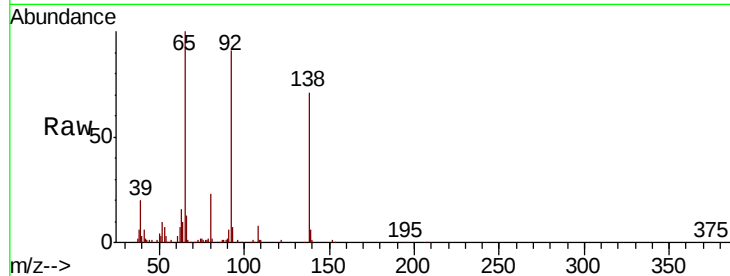
#53
3-Nitroaniline
Concen: 16.198 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	128.0	103.0	154.4

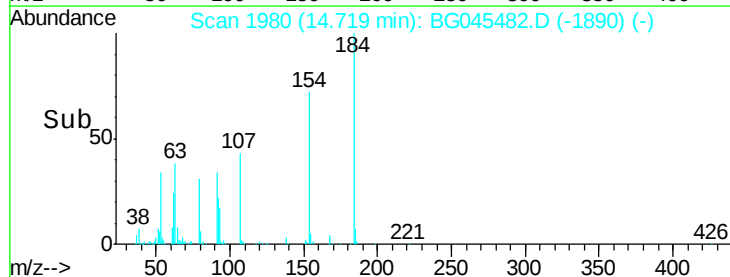
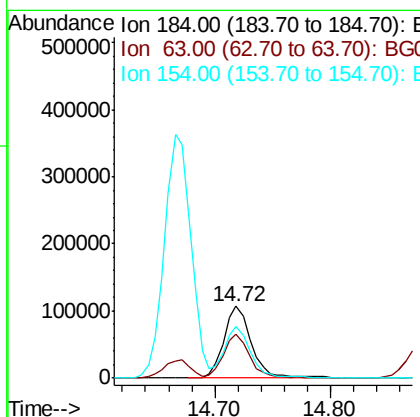
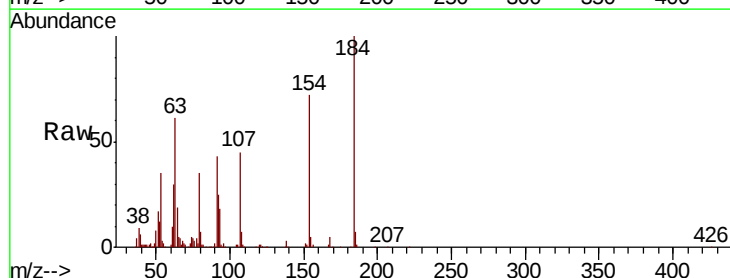
Manual Integrations
APPROVED

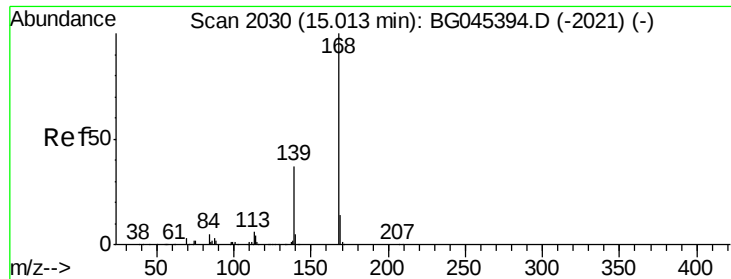
mohammad
5/29/2020 10:24:39 PM



#54
2,4-Dinitrophenol
Concen: 64.424 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	47.8	71.6
154	71.6	58.3	87.5





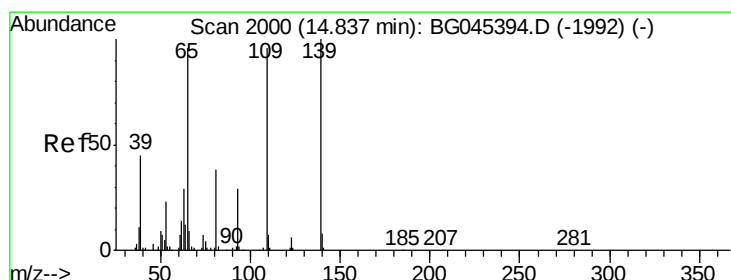
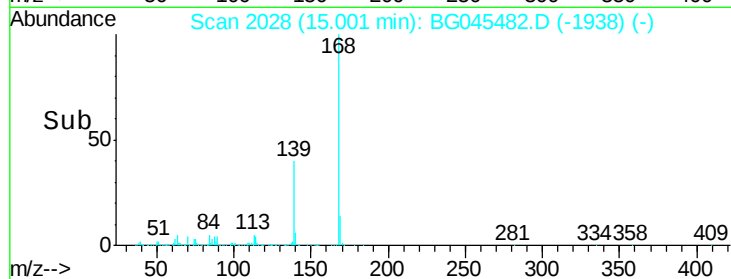
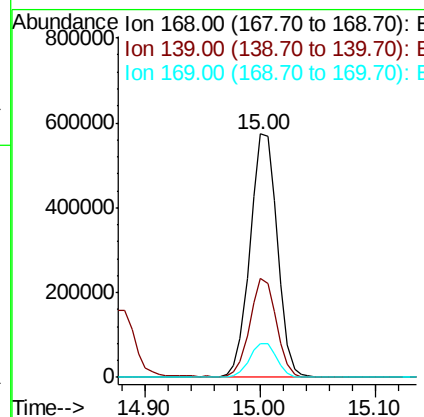
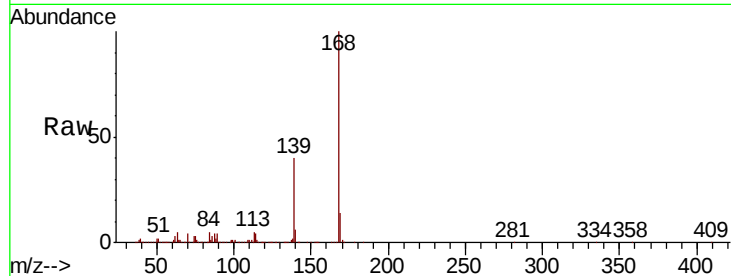
#55
Dibenzofuran
Concen: 43.121 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	29.9	44.9	
169	13.8	10.9	16.3	

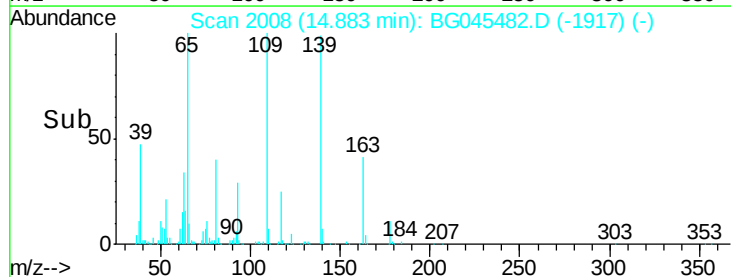
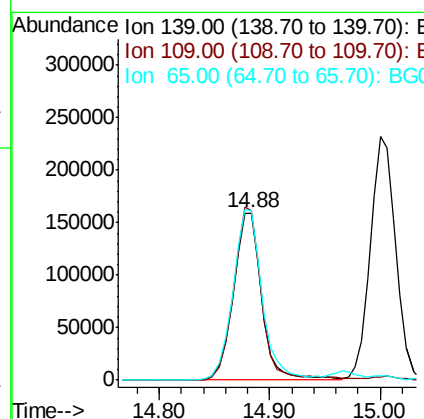
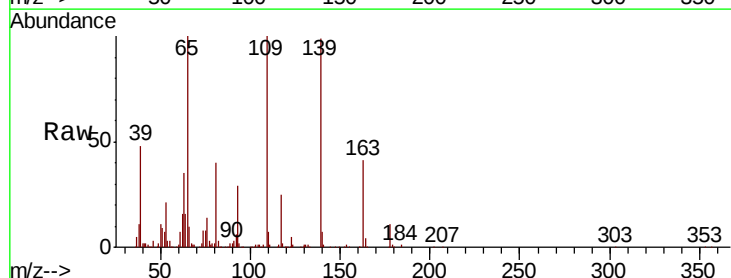
Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#56
4-Nitrophenol
Concen: 87.533 ng
RT: 14.88 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.1	75.6	115.6	
65	101.5	76.8	116.8	





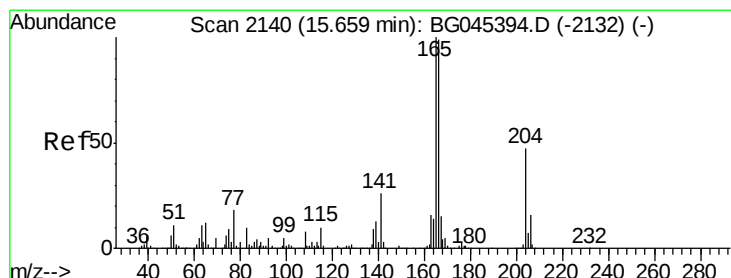
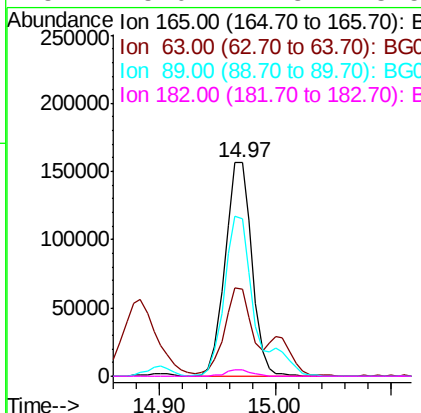
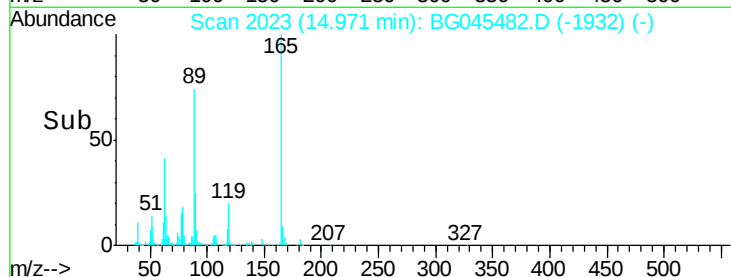
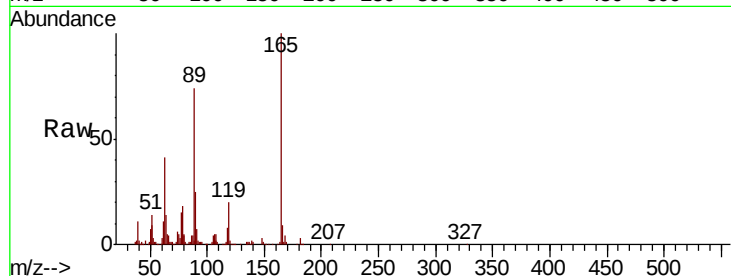
#57
2,4-Dinitrotoluene
Concen: 40.935 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.9	32.5	48.7
89	74.0	61.8	92.6
182	3.0	2.3	3.5

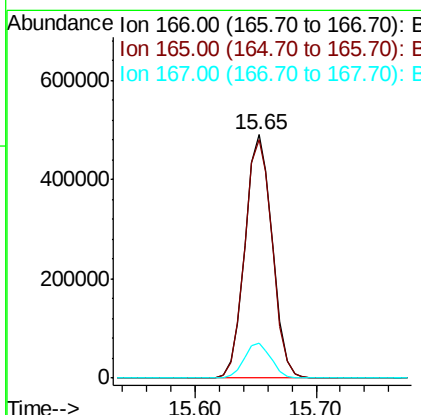
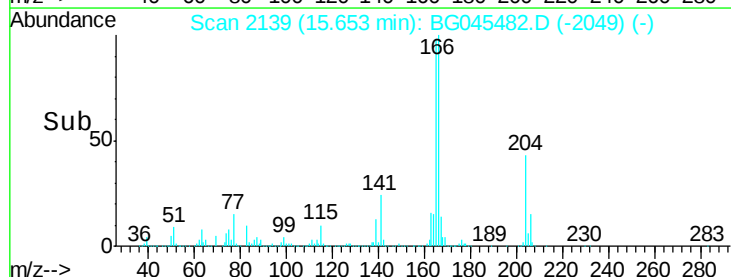
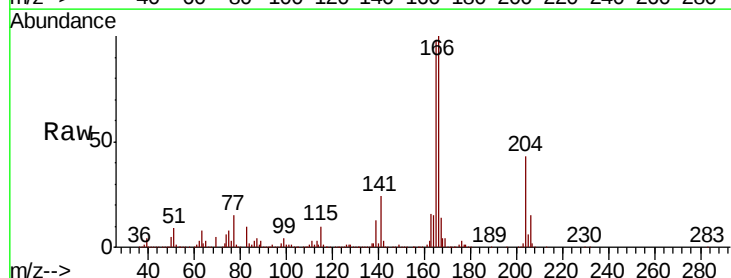
Manual Integrations
APPROVED

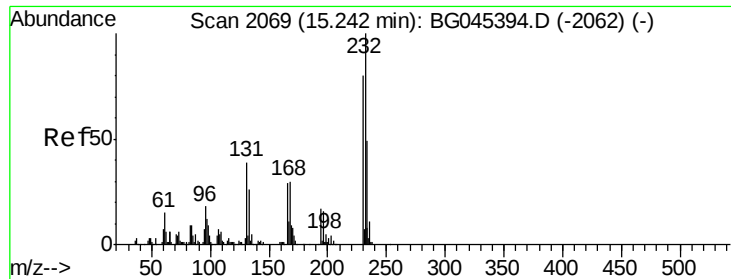
mohammad
5/29/2020 10:24:39 PM



#58
Fluorene
Concen: 42.949 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.8	121.2
167	14.2	12.0	18.0





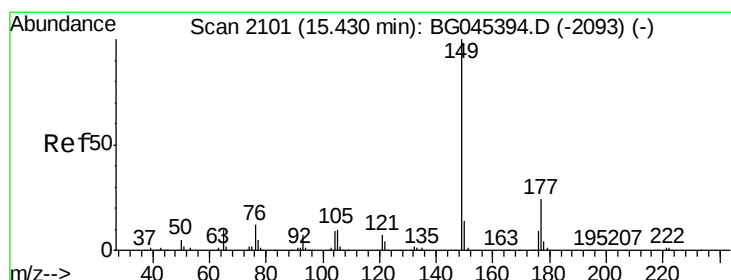
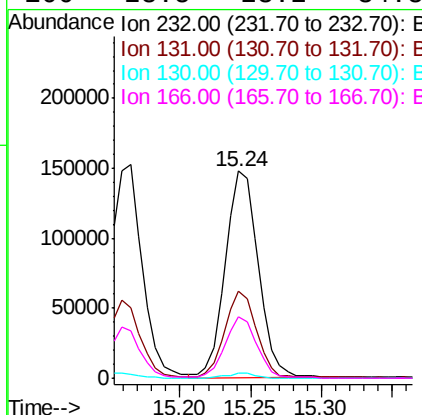
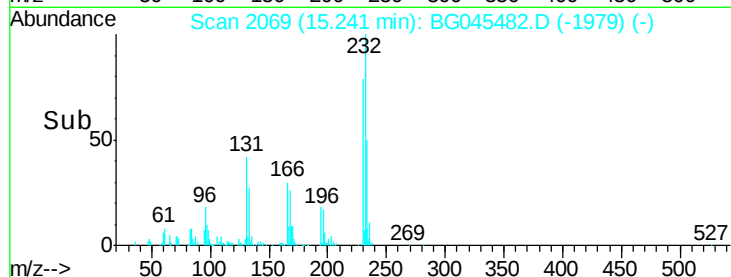
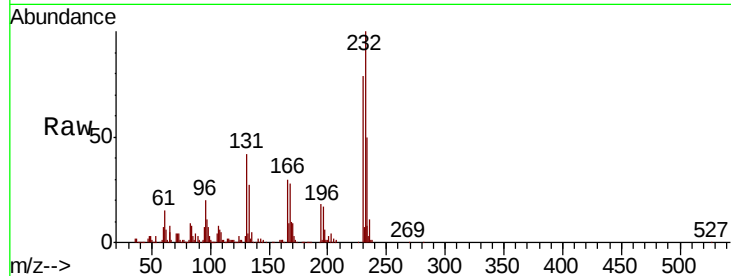
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.758 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		239442		
131	40.5	33.7	50.5		
130	2.5	2.1	3.1		
166	28.5	23.2	34.8		

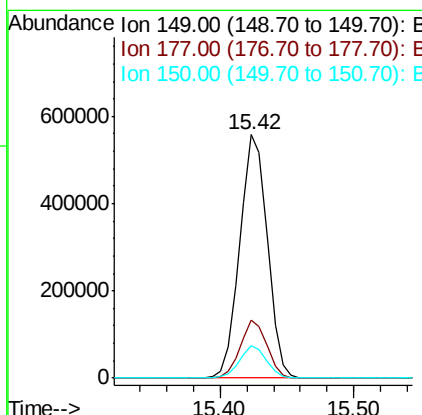
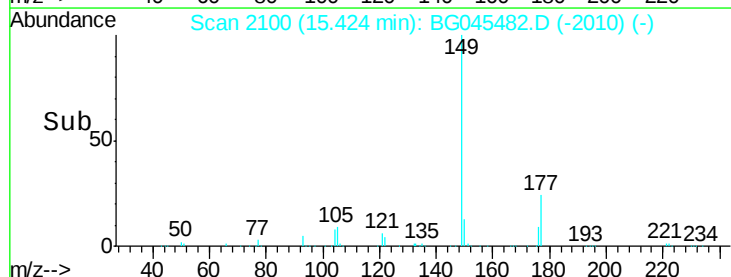
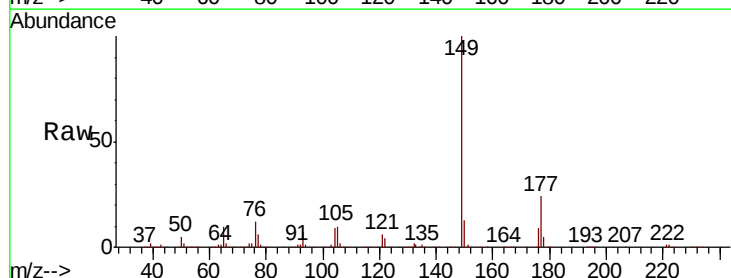
Manual Integrations
 APPROVED

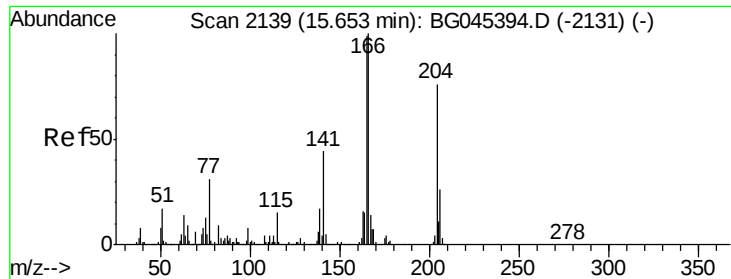
mohammad
 5/29/2020 10:24:39 PM



#60
 Diethylphthalate
 Concen: 40.499 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		793033		
177	23.9	19.0	28.4		
150	13.5	11.4	17.0		





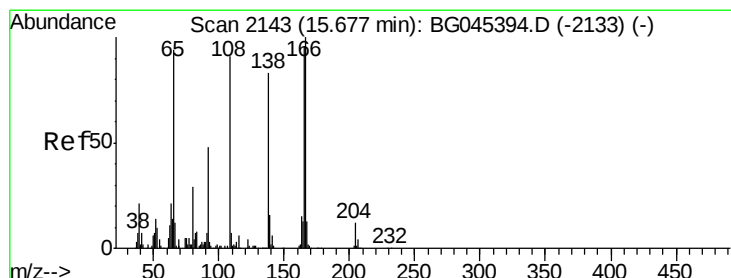
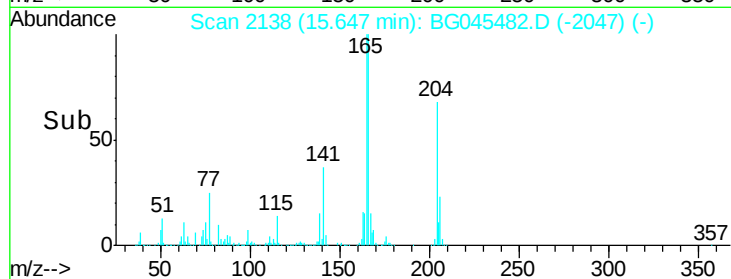
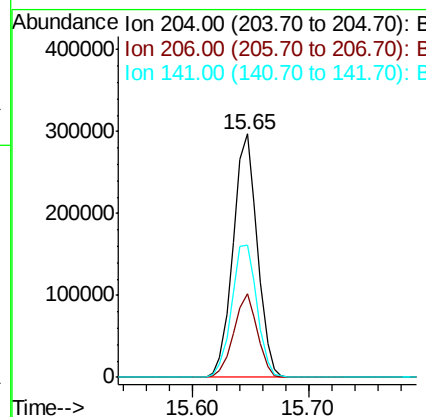
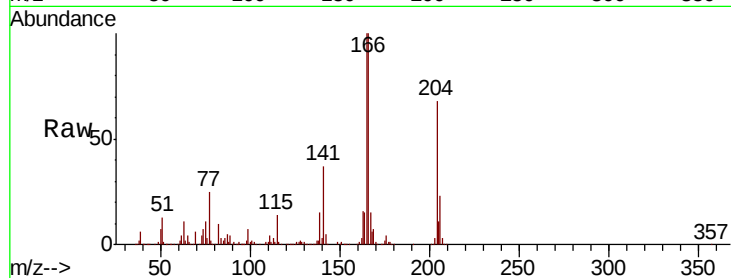
#61
4-Chlorophenyl-phenylether
Concen: 41.902 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.3	40.9
141	54.4	45.9	68.9

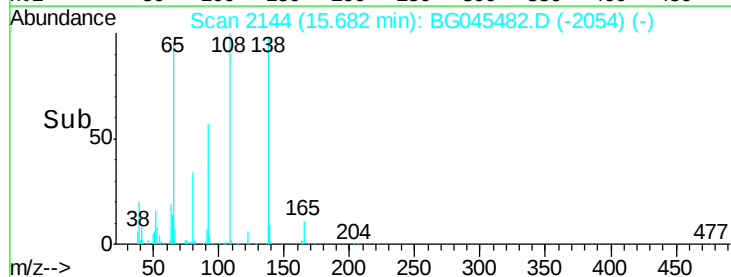
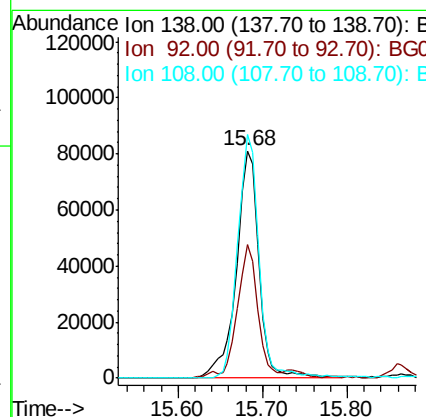
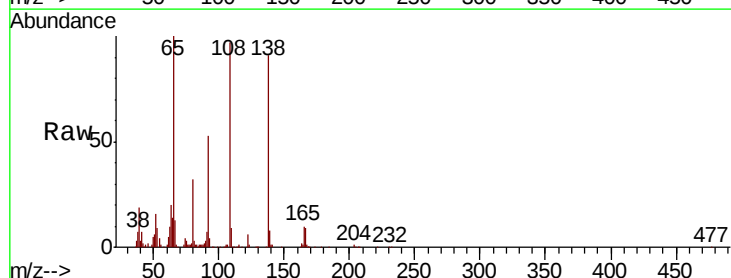
Manual Integrations
APPROVED

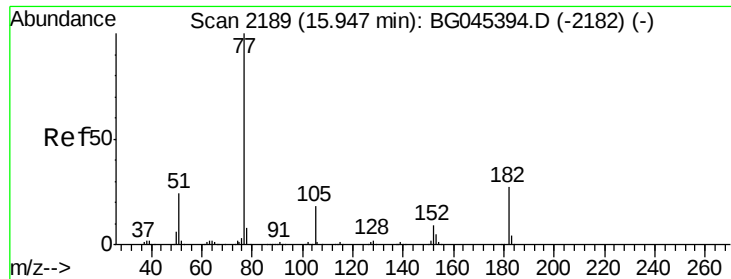
mohammad
5/29/2020 10:24:39 PM



#62
4-Nitroaniline
Concen: 33.244 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	38.0	78.0
108	107.1	89.3	129.3





#63

Azobenzene

Concen: 41.430 ng

RT: 15.94 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

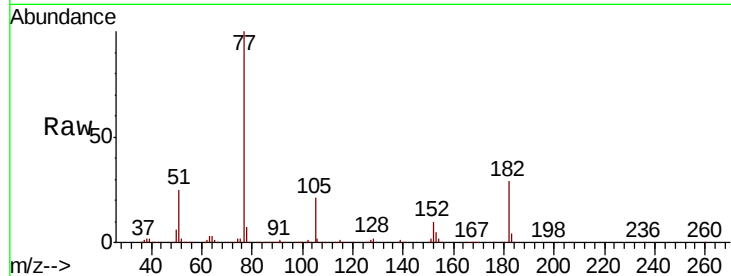
ClientSampleId :

NM62-COMP-2020-0-6MSD

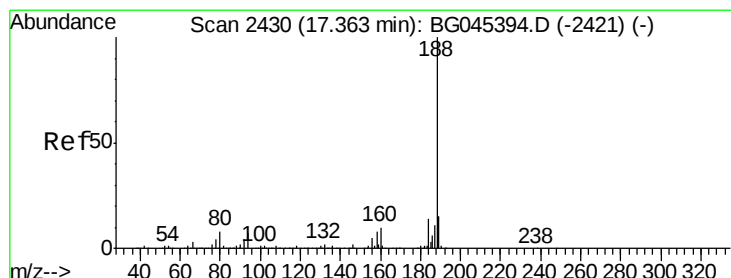
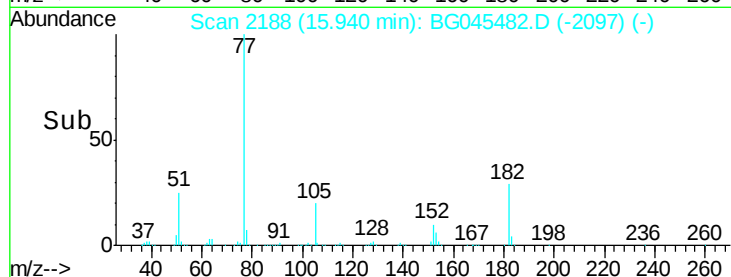
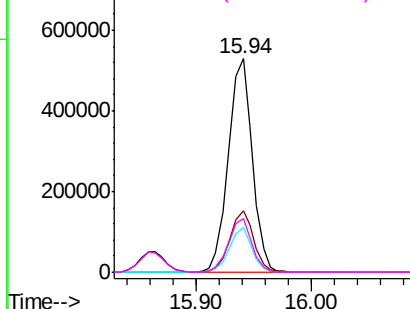
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	6.5	46.5
105	20.7	0.0	37.9
51	25.4	4.1	44.1

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



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



#64

Phenanthrene-d10

Concen: 20.000 ng

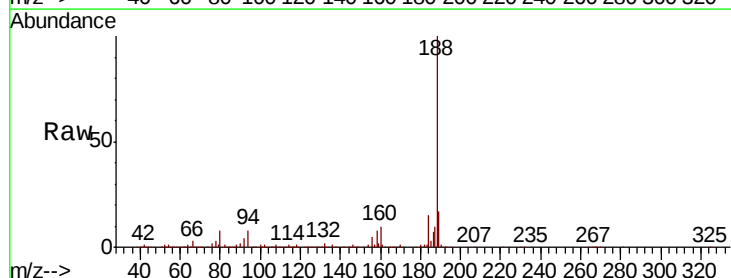
RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

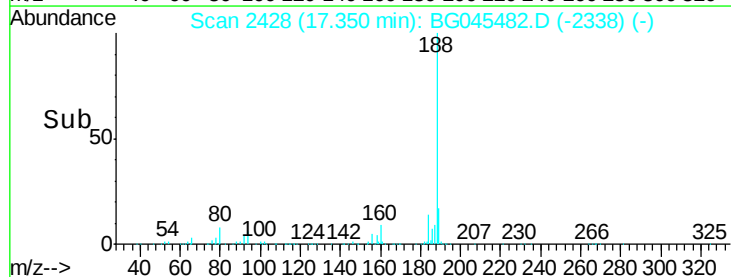
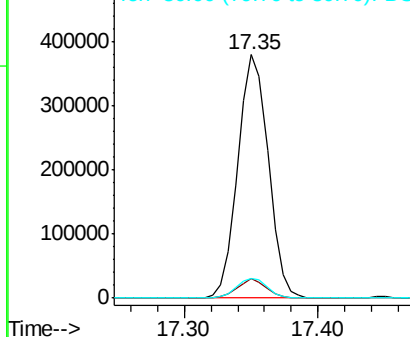
Lab File: BG045482.D

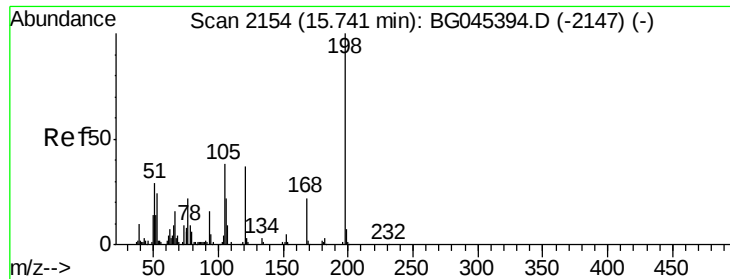
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.5	8.3
80	8.3	6.6	10.0



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





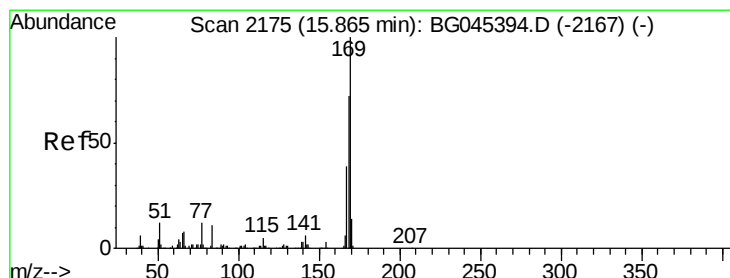
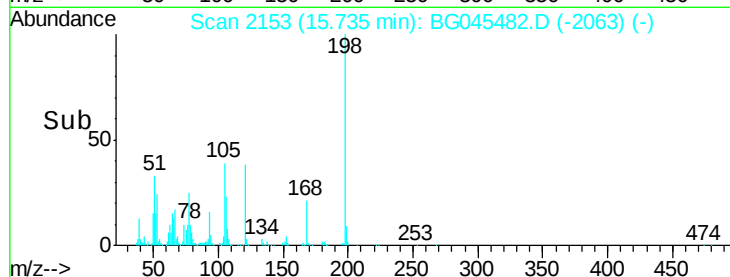
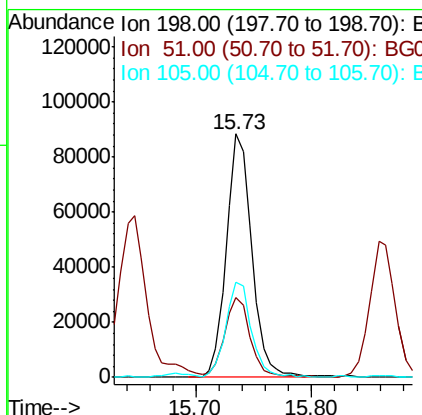
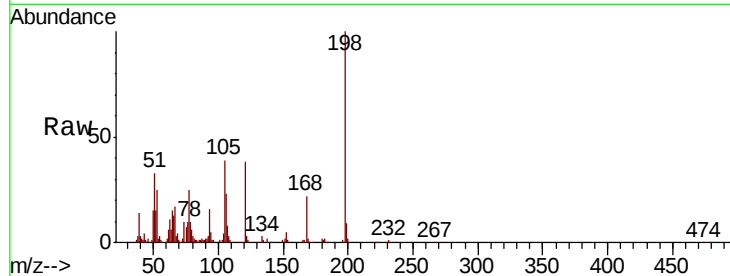
#65
4,6-Dinitro-2-methylphenol
Concen: 38.786 ng
RT: 15.73 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.7	10.0	50.0
105	39.0	18.9	58.9

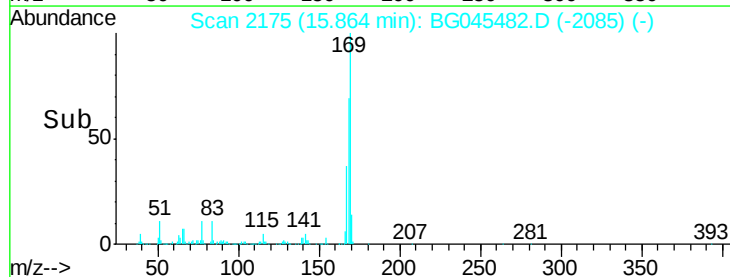
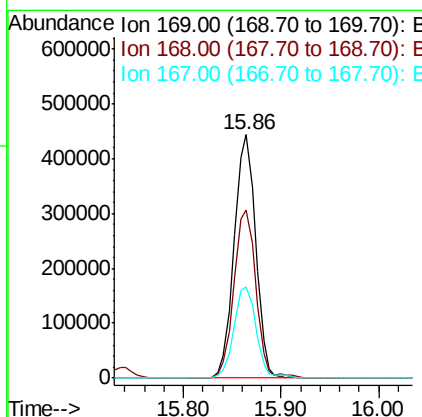
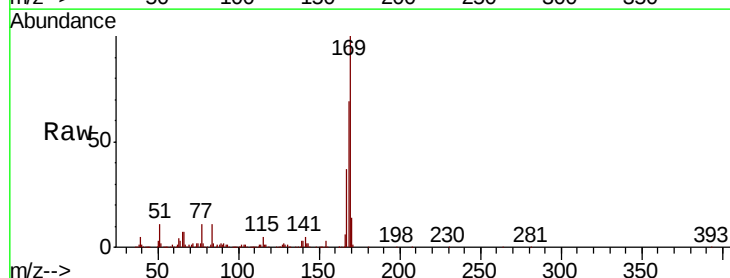
Manual Integrations
APPROVED

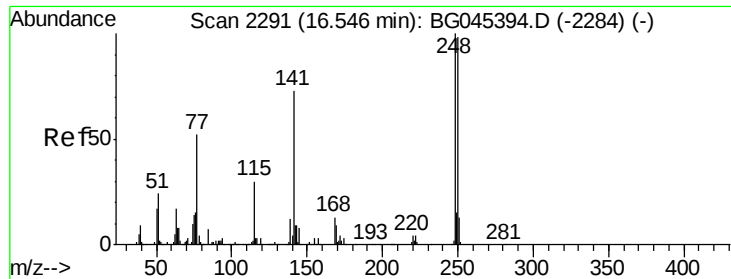
mohammad
5/29/2020 10:24:39 PM



#66
n-Nitrosodiphenylamine
Concen: 47.304 ng
RT: 15.86 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	57.8	86.6
167	37.5	31.5	47.3





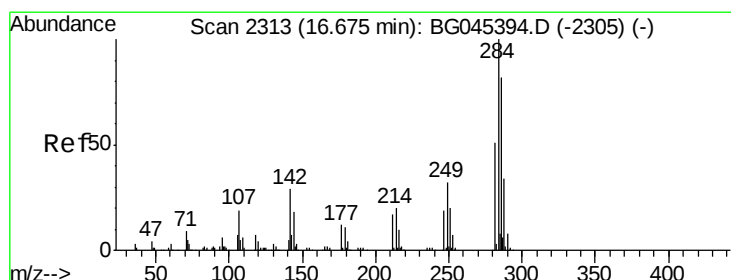
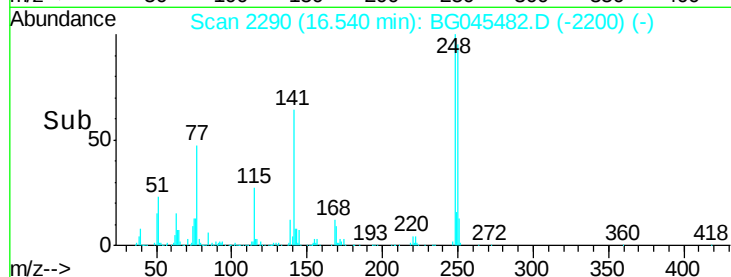
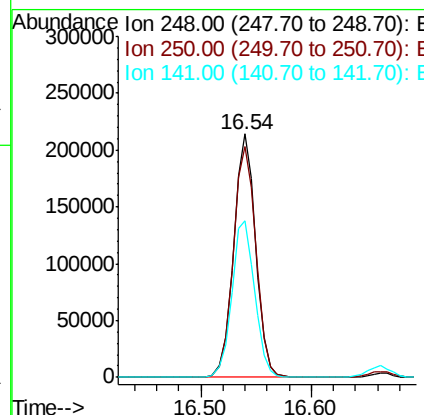
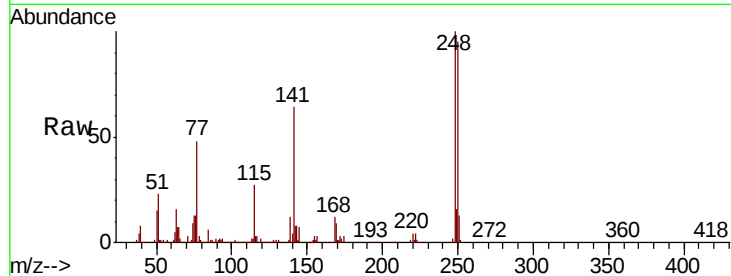
#67
4-Bromophenyl-phenylether
Concen: 46.115 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	78.6	117.8
141	64.3	58.2	87.2

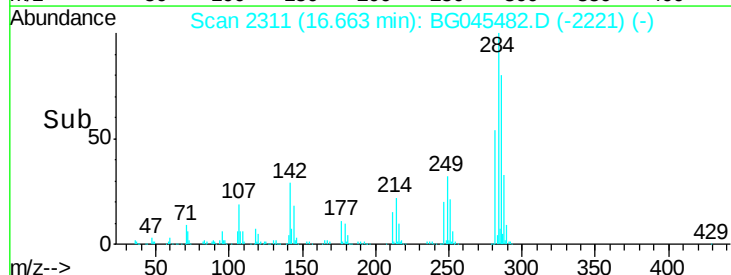
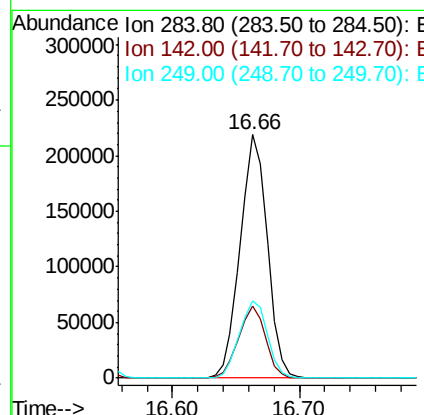
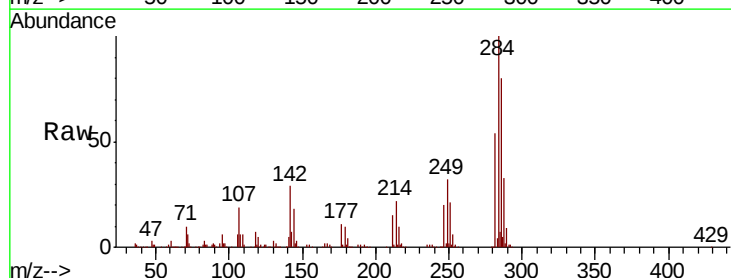
Manual Integrations
APPROVED

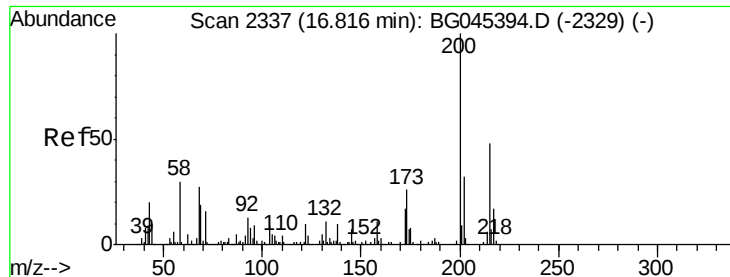
mohammad
5/29/2020 10:24:39 PM



#68
Hexachlorobenzene
Concen: 47.627 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	23.0	34.6
249	31.8	25.8	38.6





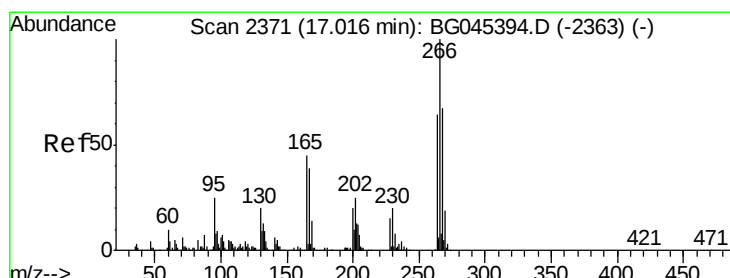
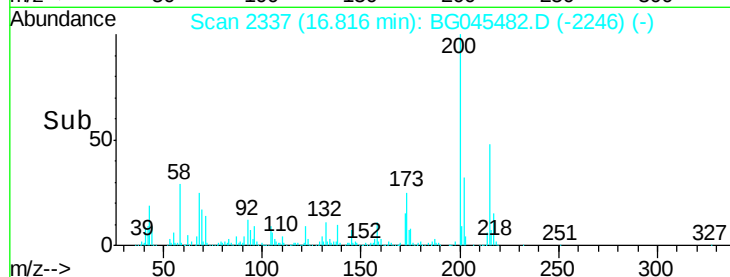
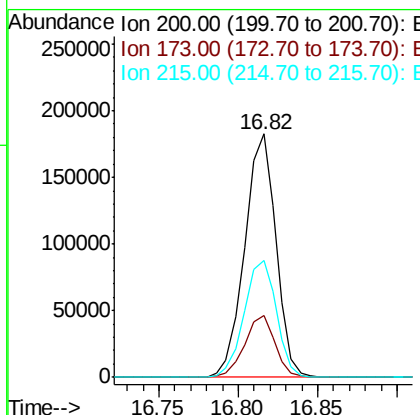
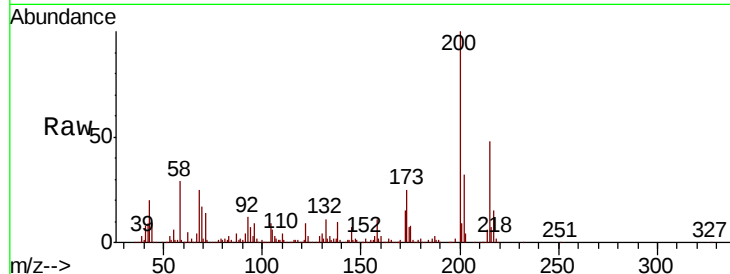
#69
Atrazine
Concen: 42.172 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	249730		
173	25.2	5.5	45.5	
215	47.8	28.2	68.2	

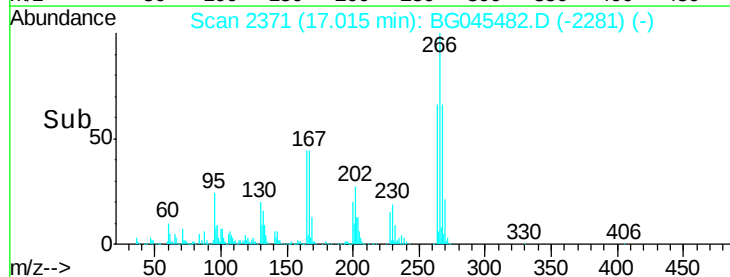
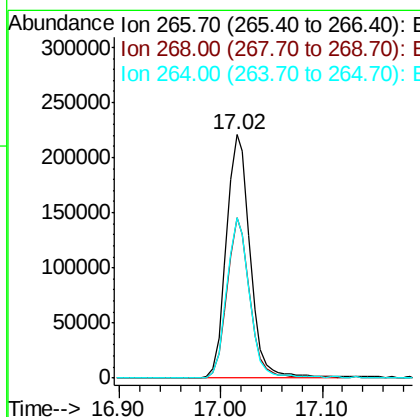
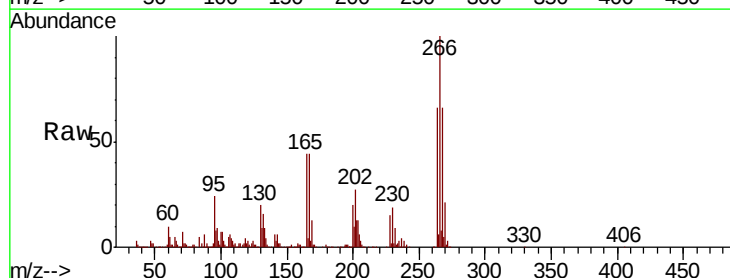
Manual Integrations
APPROVED

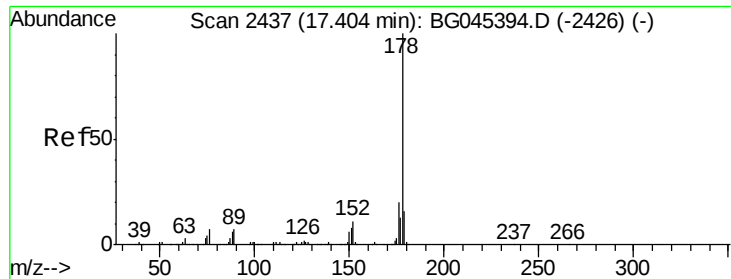
mohammad
5/29/2020 10:24:39 PM



#70
Pentachlorophenol
Concen: 102.295 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	360210		
268	65.9	53.2	79.8	
264	66.1	51.0	76.4	





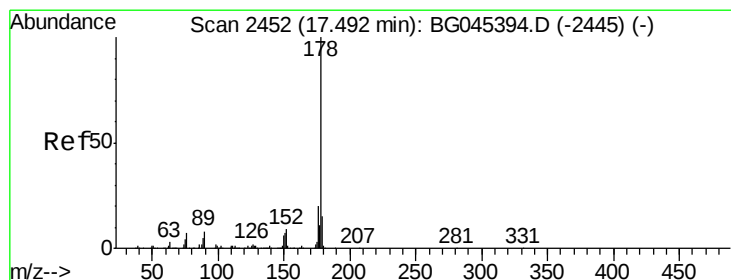
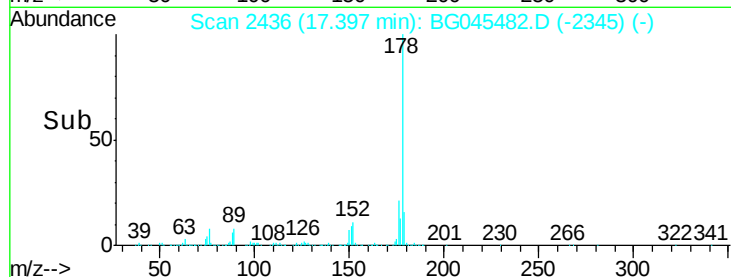
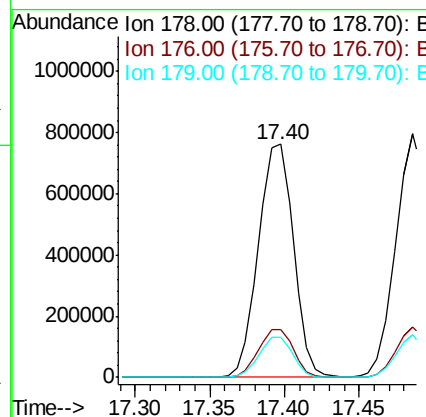
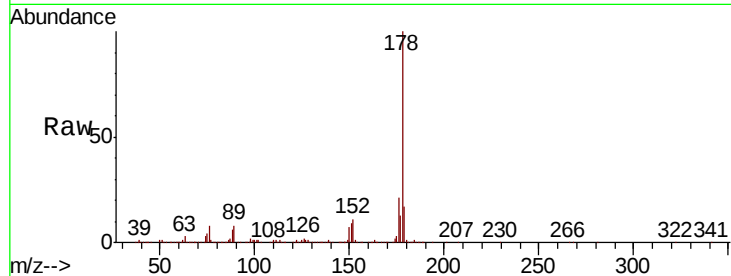
#71
Phenanthrene
Concen: 47.371 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	17.0	13.1	19.7

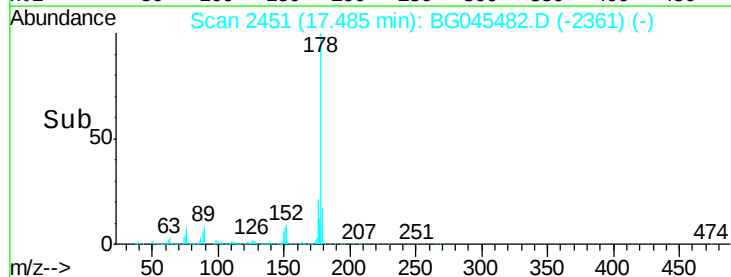
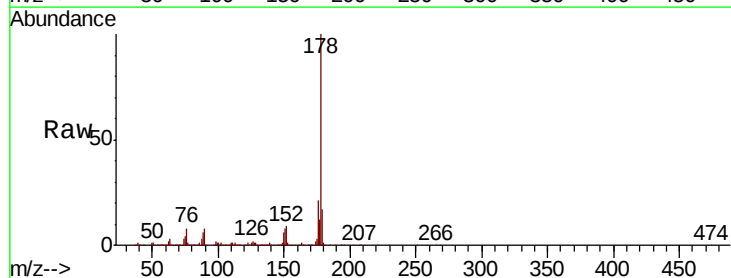
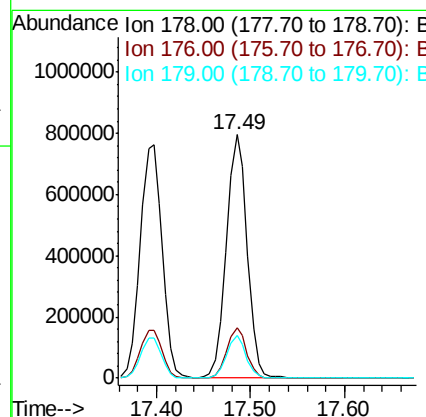
Manual Integrations
APPROVED

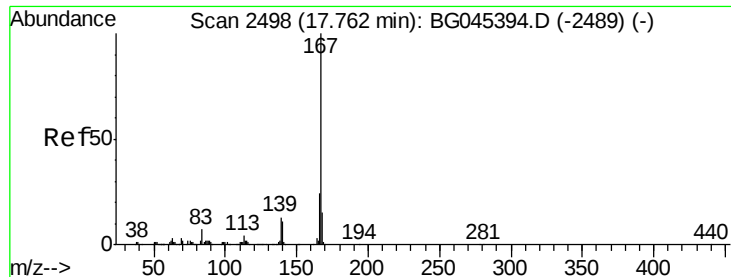
mohammad
5/29/2020 10:24:39 PM



#72
Anthracene
Concen: 46.585 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.6
179	17.4	12.2	18.4





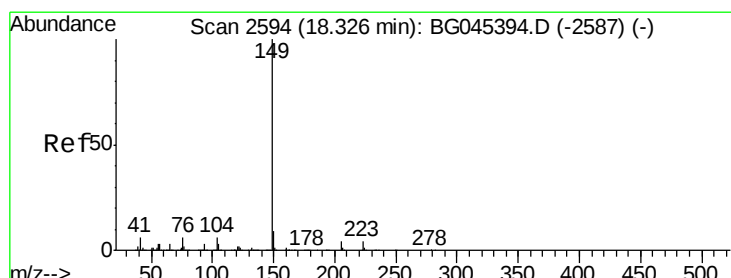
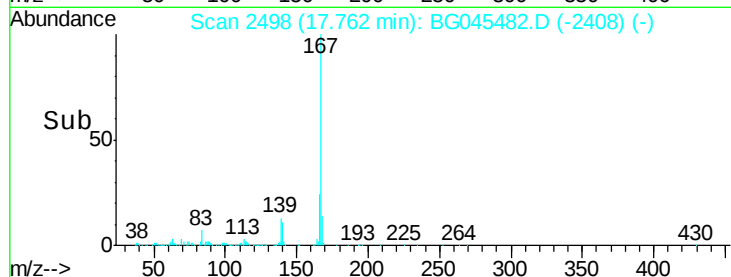
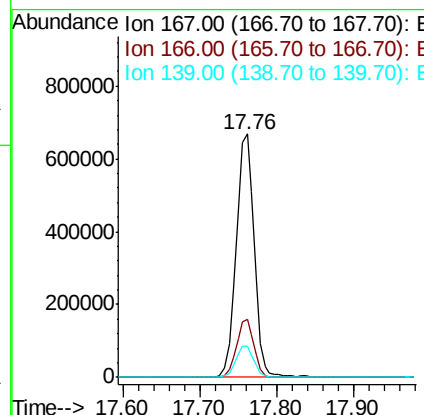
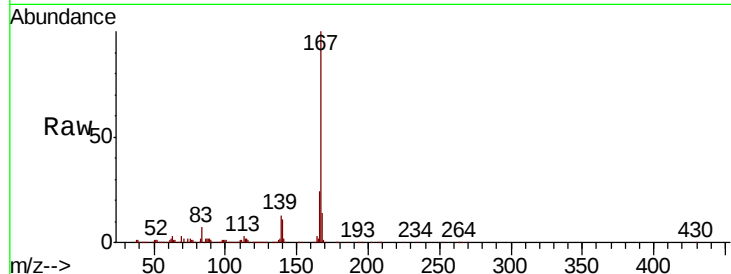
#73
 Carbazole
 Concen: 42.771 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	12.9	10.6	16.0

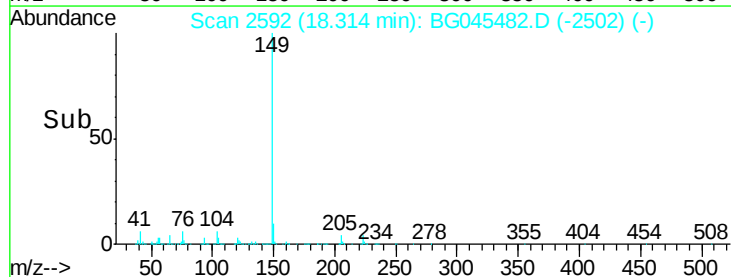
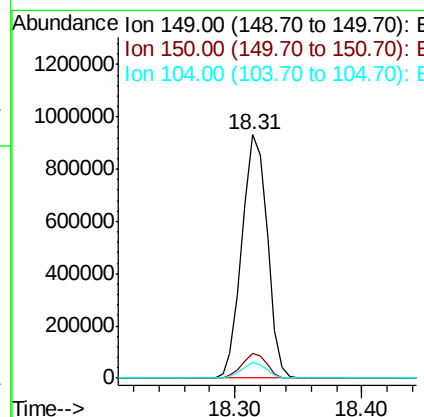
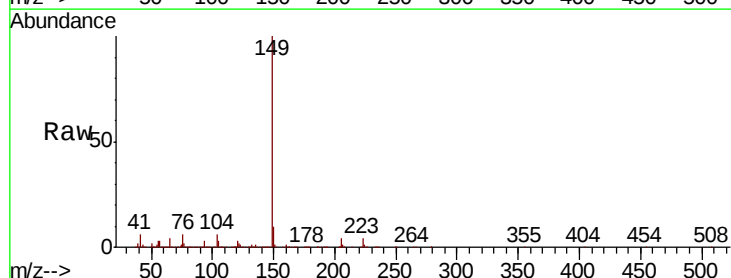
Manual Integrations
 APPROVED

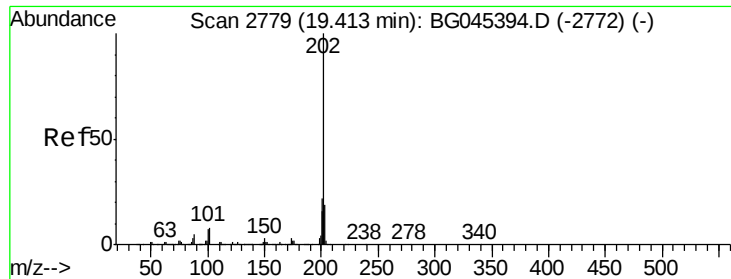
mohammad
 5/29/2020 10:24:39 PM



#74
 Di-n-butylphthalate
 Concen: 41.965 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 45.932 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

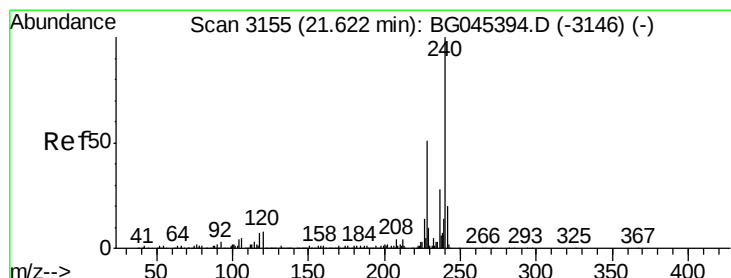
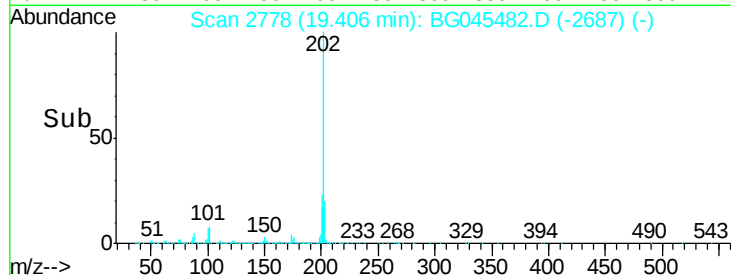
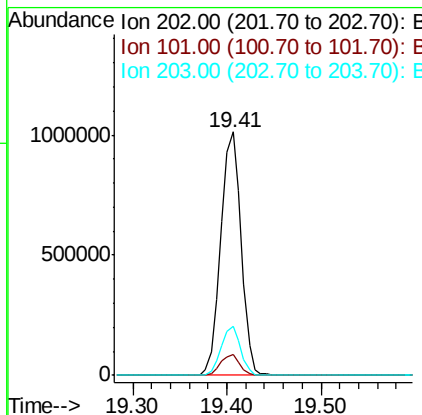
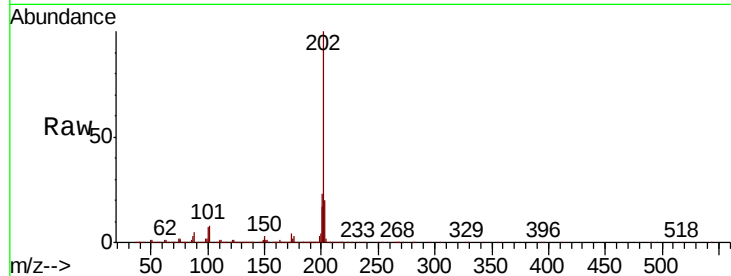
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	202	Resp:	1527202
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	20.1	0.0	39.0

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#76

Chrysene-d12

Concen: 20.000 ng

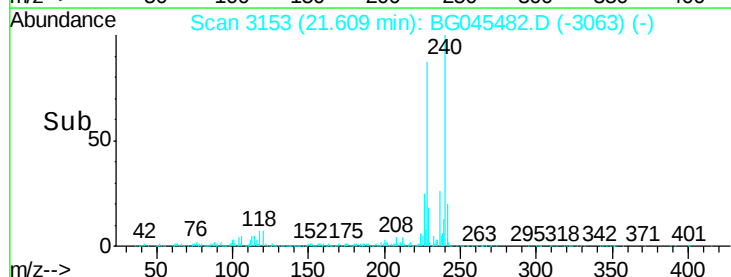
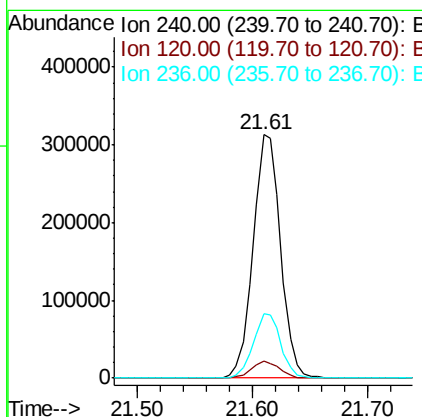
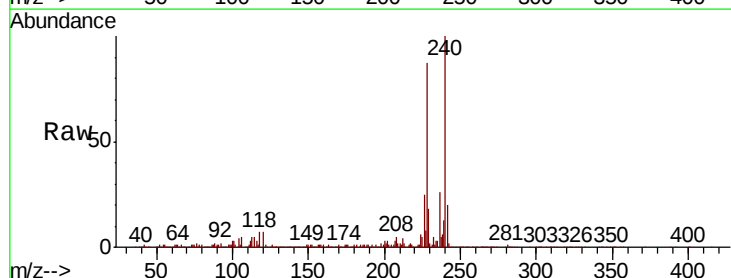
RT: 21.61 min Scan# 3153

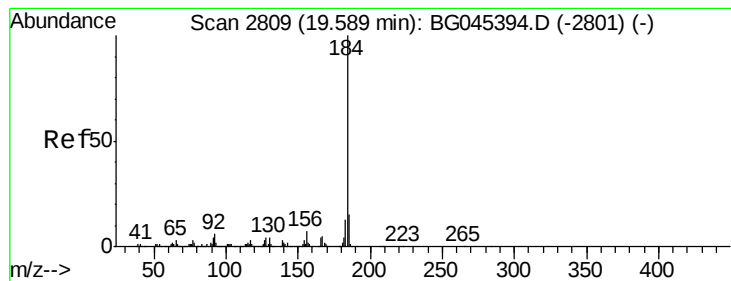
Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	240	Resp:	518479
Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.1	9.1
236	26.3	22.3	33.5





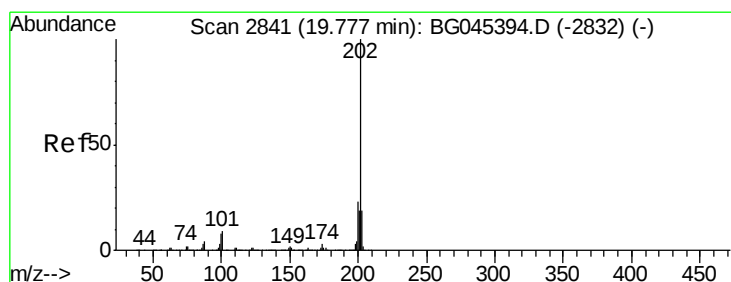
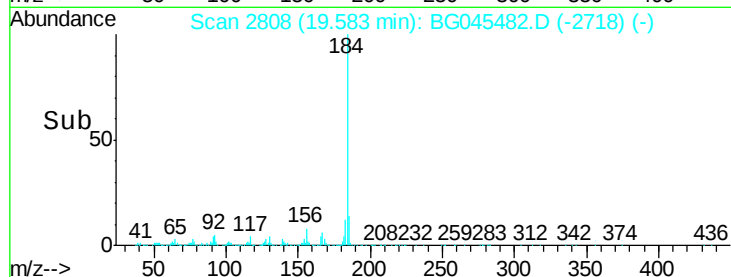
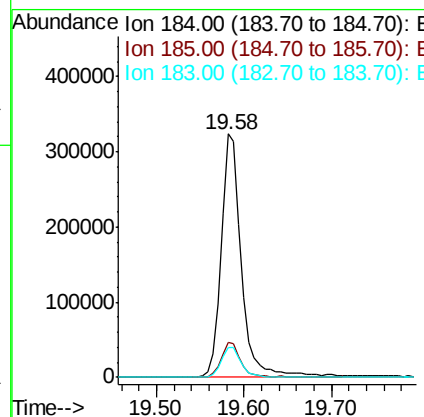
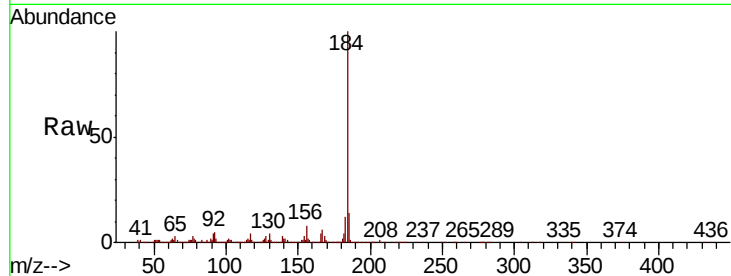
#77
Benzidine
Concen: 35.654 ng
RT: 19.58 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	12.2	10.2	15.4

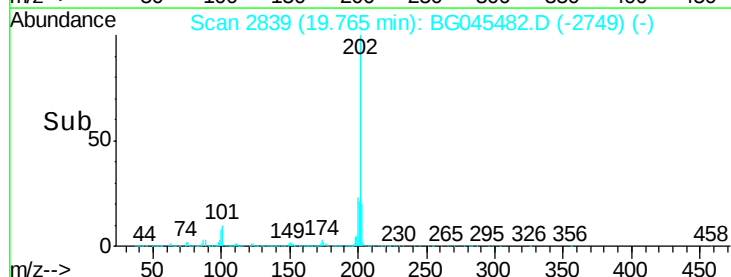
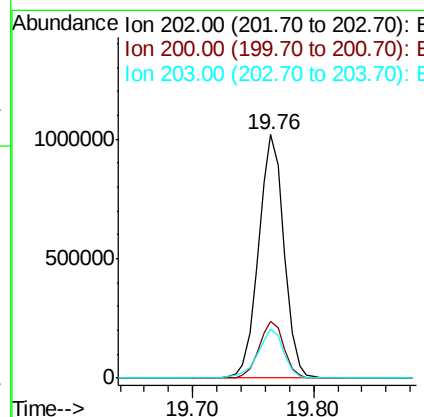
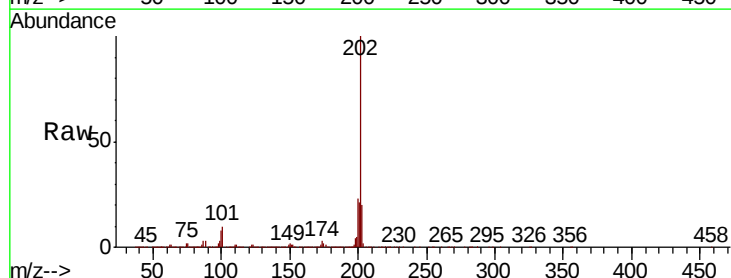
Manual Integrations
APPROVED

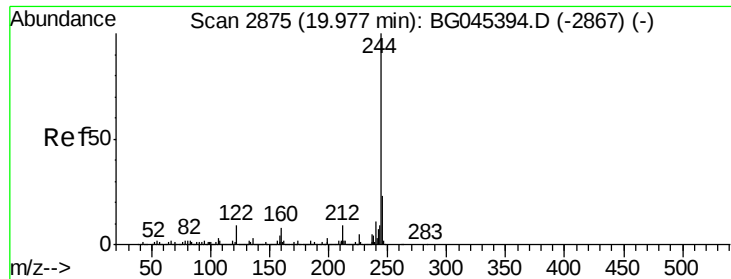
mohammad
5/29/2020 10:24:39 PM



#78
Pyrene
Concen: 50.394 ng
RT: 19.76 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	20.1	15.1	22.7





#79

Terphenyl-d14

Concen: 75.326 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:244 Resp: 1674517

Ion Ratio Lower Upper

244 100

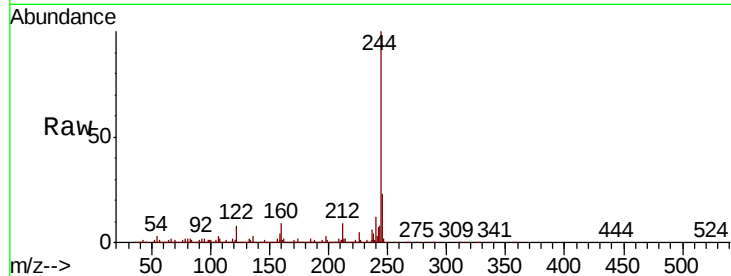
212 9.3 7.4 11.0

122 8.4 6.8 10.2

Manual Integrations
APPROVED

mohammad

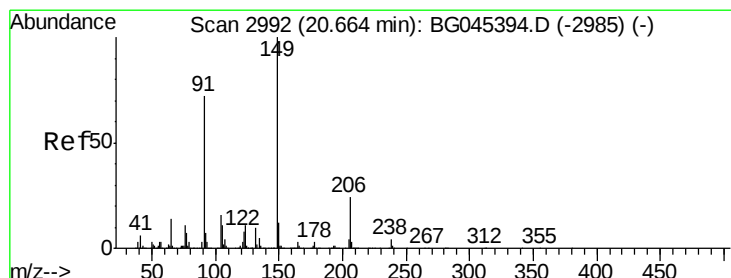
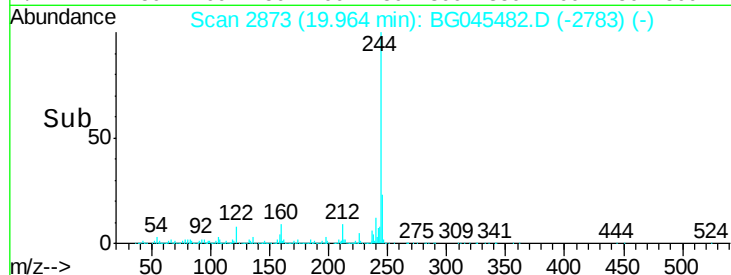
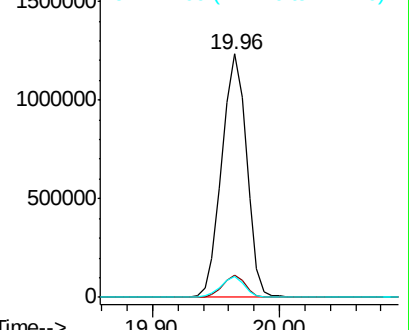
5/29/2020 10:24:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.478 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

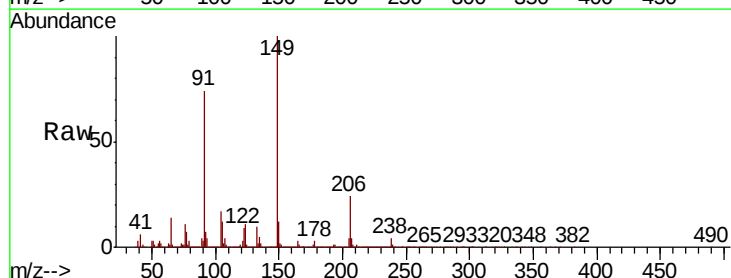
Tgt Ion:149 Resp: 554649

Ion Ratio Lower Upper

149 100

91 74.3 57.8 86.6

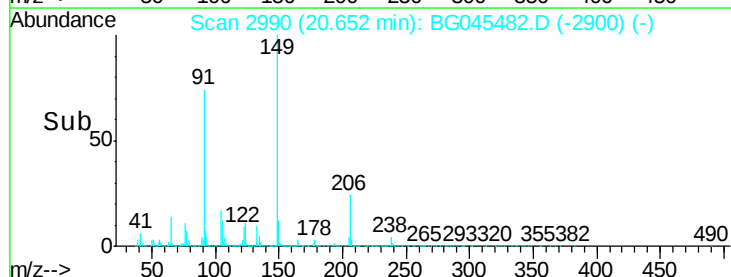
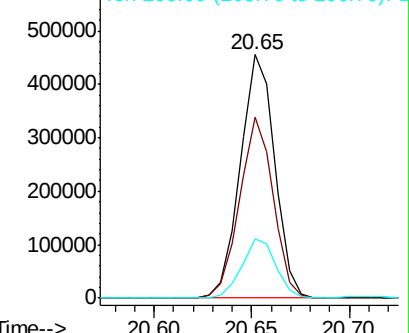
206 24.2 19.1 28.7

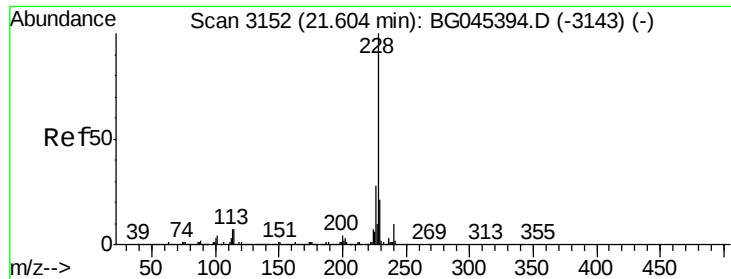


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.380 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:228 Resp: 1397345

Ion Ratio Lower Upper

228 100

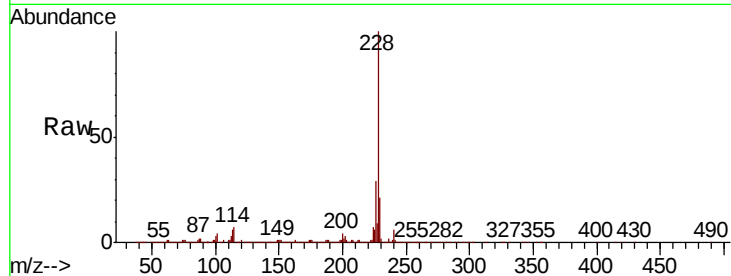
226 29.4 22.7 34.1

229 21.1 16.7 25.1

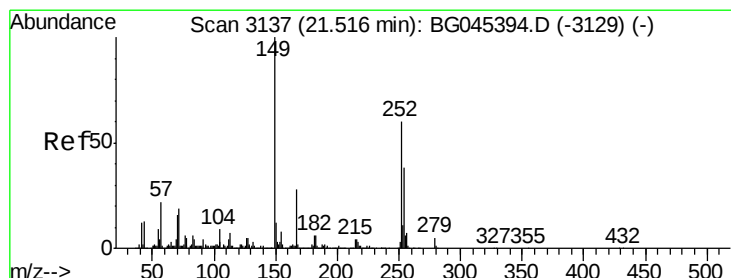
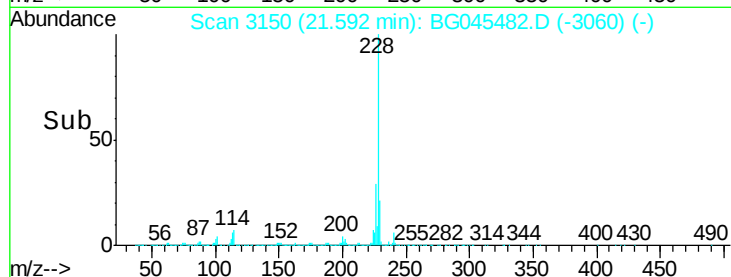
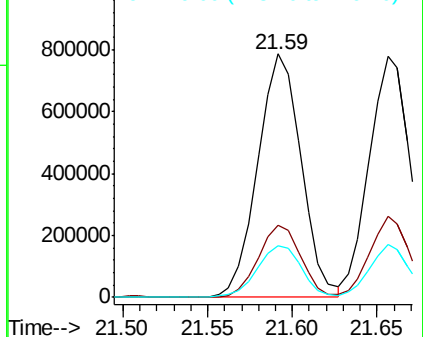
Manual Integrations
APPROVED

mohammad

5/29/2020 10:24:39 PM



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: 27.029 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

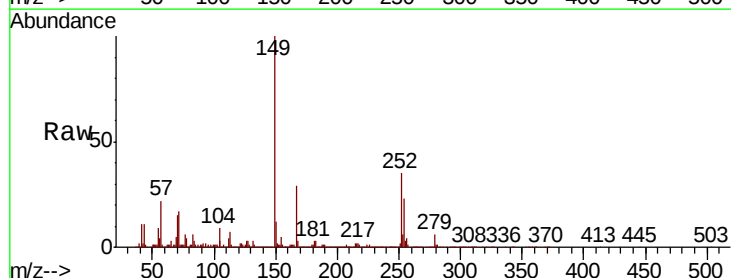
Tgt Ion:252 Resp: 306230

Ion Ratio Lower Upper

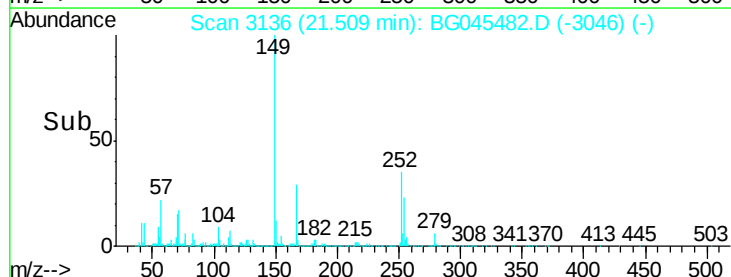
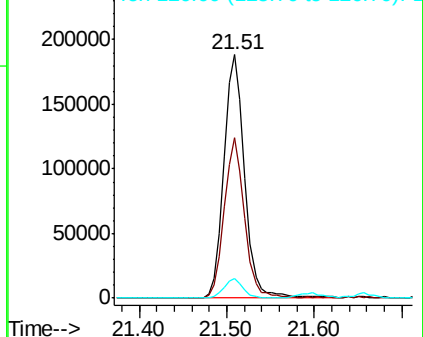
252 100

254 66.1 51.3 76.9

126 8.0 6.6 10.0



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





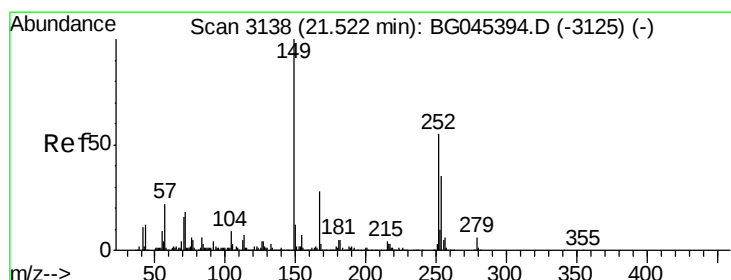
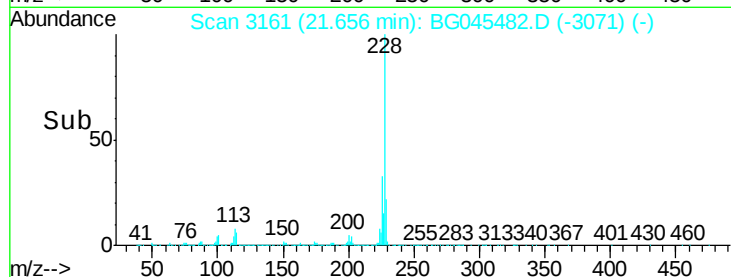
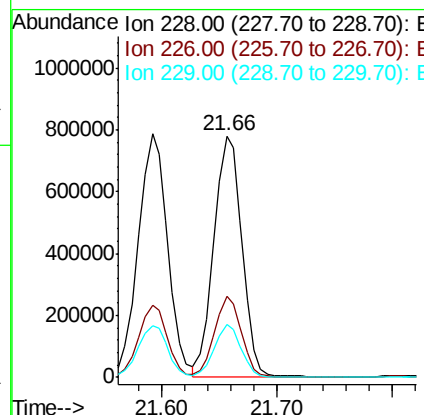
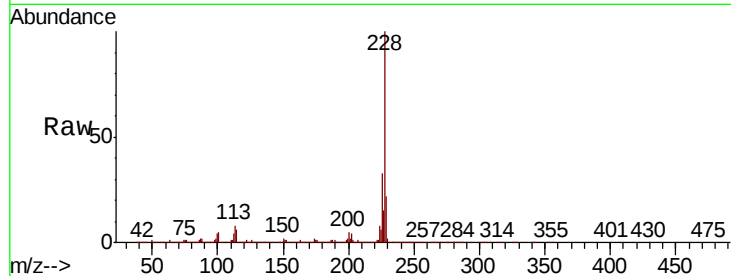
#83
 Chrvsene
 Concen: 47.264 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6MSD

Tot Ion:228 Resp: 1312625
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.2 37.8
 229 21.7 16.7 25.1

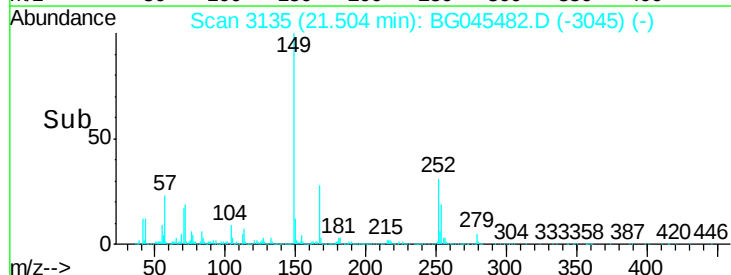
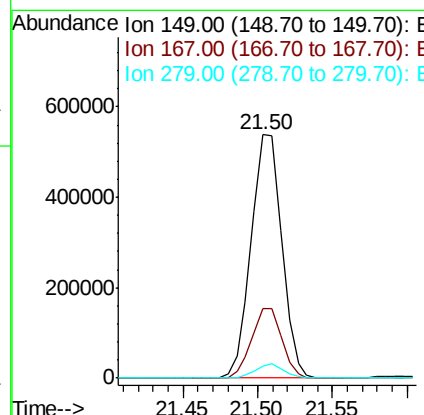
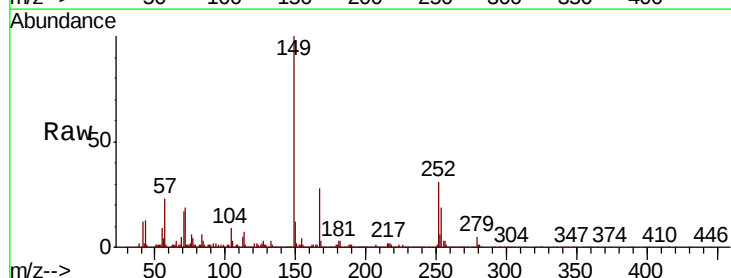
Manual Integrations
 APPROVED

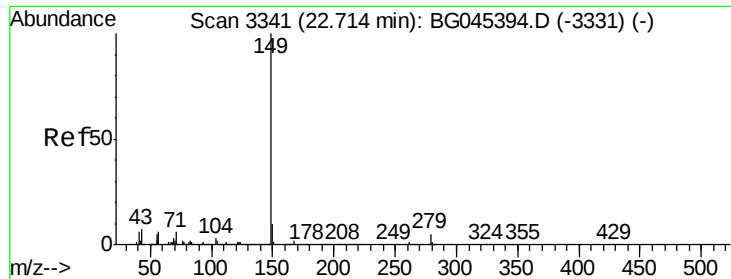
mohammad
 5/29/2020 10:24:39 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.557 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion:149 Resp: 763832
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.2
 279 4.9 4.7 7.1





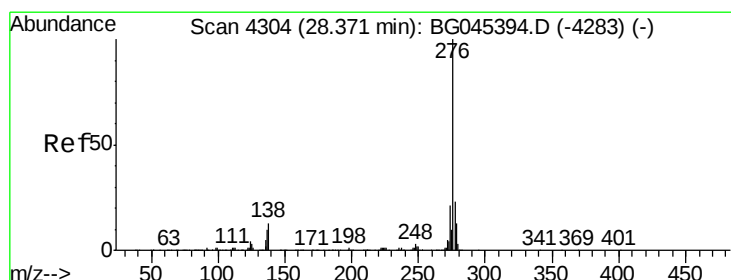
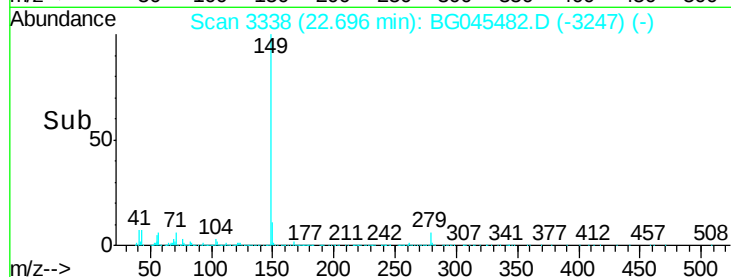
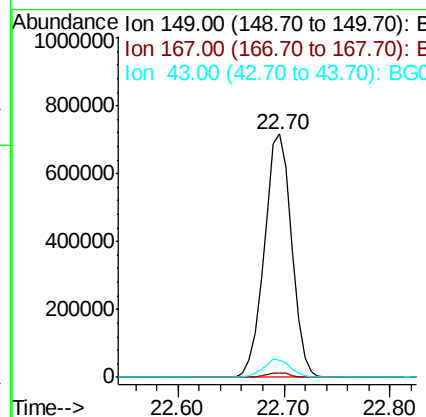
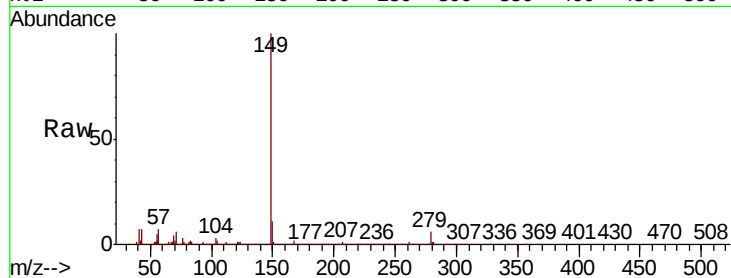
#85
Di-n-octyl phthalate
Concen: 42.588 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.3	5.8	8.8

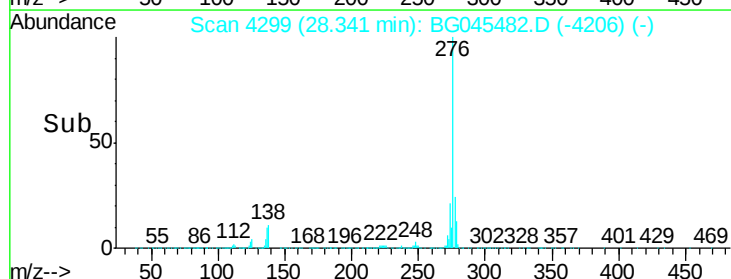
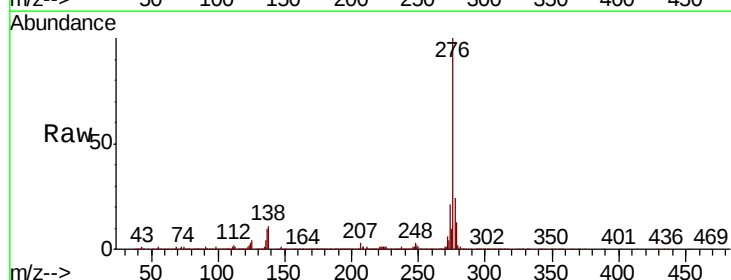
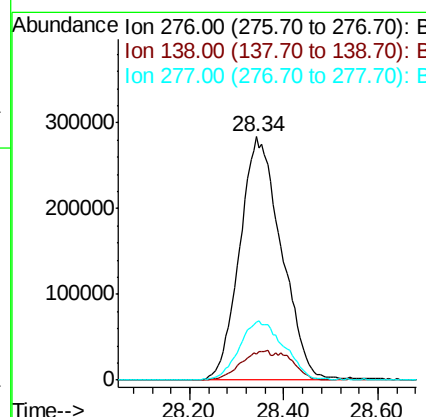
Manual Integrations
APPROVED

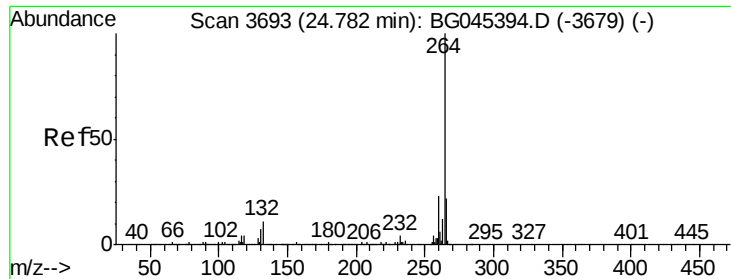
mohammad
5/29/2020 10:24:39 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.699 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	8.6	12.8#
277	25.7	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

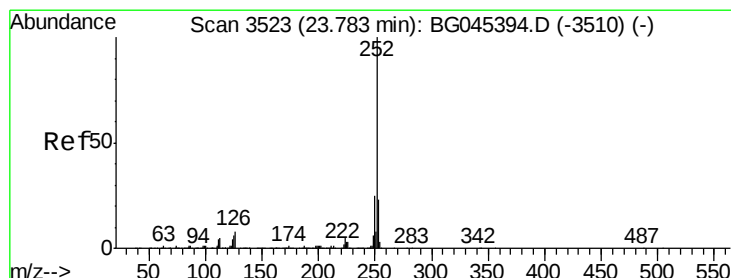
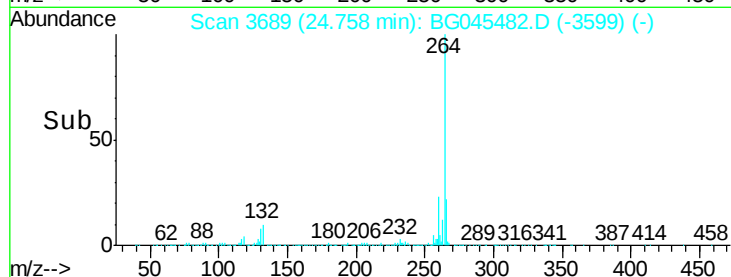
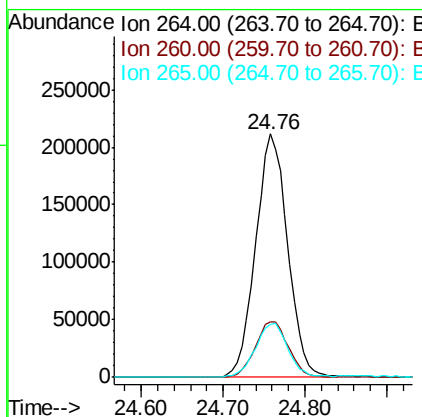
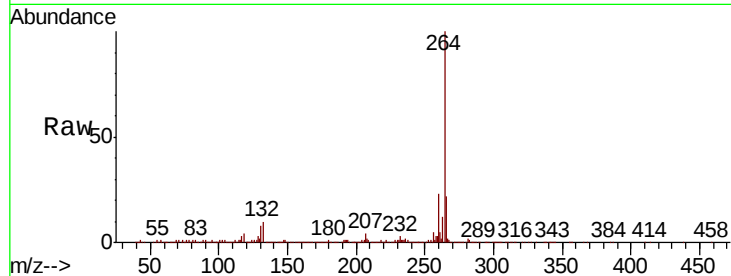
ClientSampleId :

NM62-COMP-2020-0-6MSD

Tot Ion:	264	Resp:	575972
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.4
265	21.8	17.6	26.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#88

Benzo(b)fluoranthene

Concen: 48.306 ng

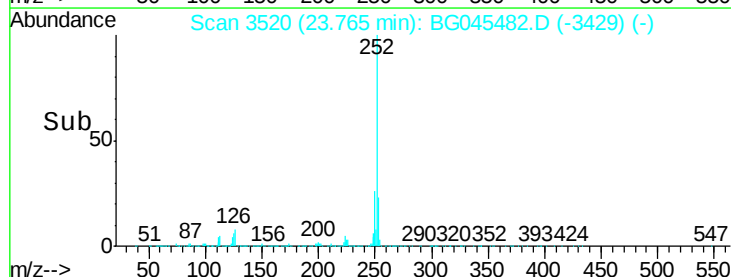
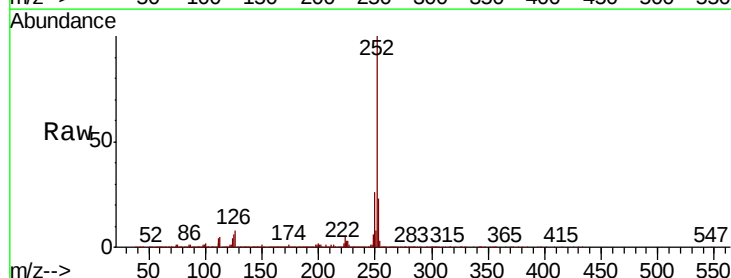
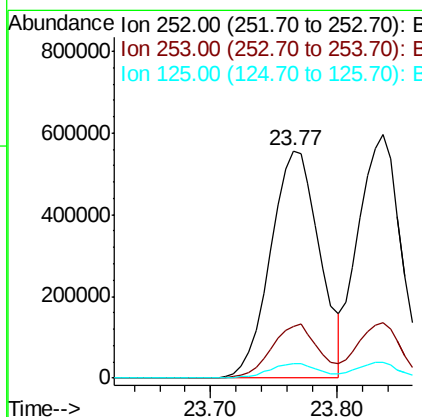
RT: 23.77 min Scan# 3520

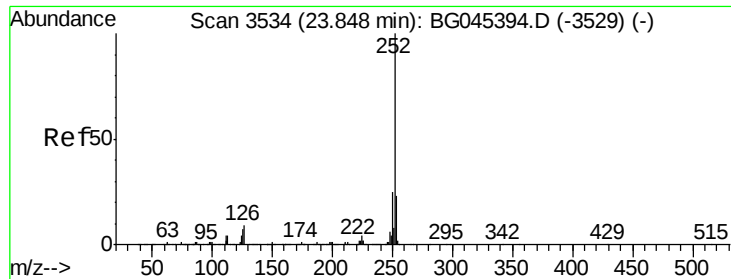
Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:	252	Resp:	1492180
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	6.5	5.0	7.6





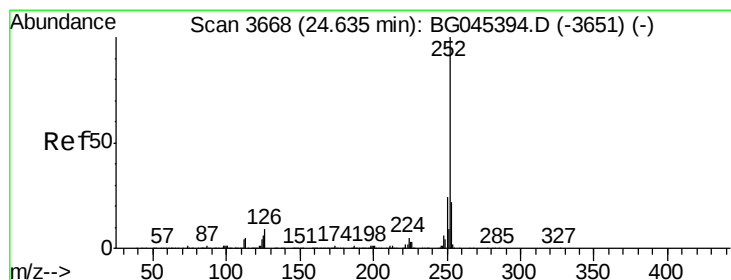
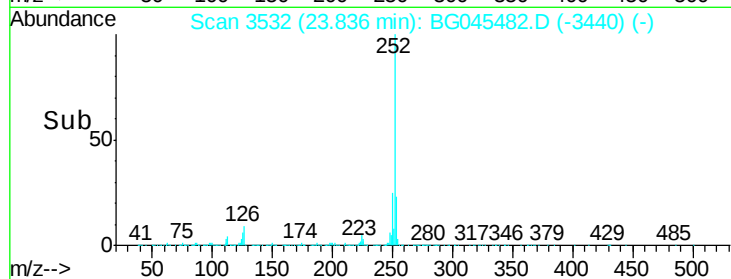
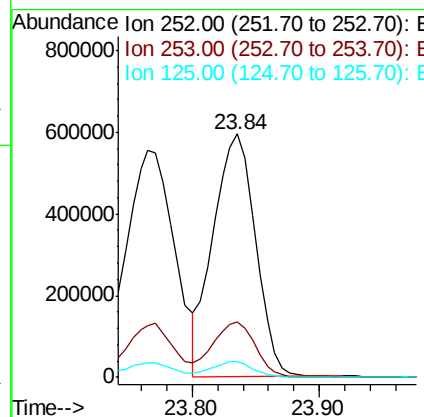
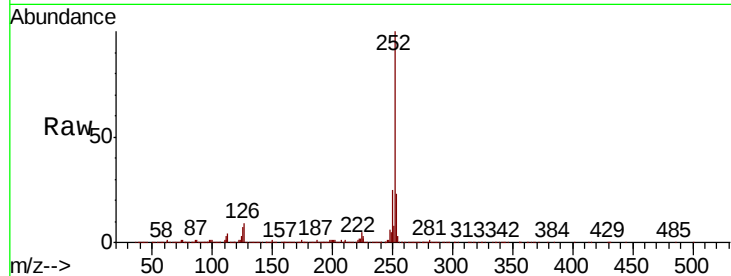
#89
Benzo(k)fluoranthene
Concen: 47.366 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

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

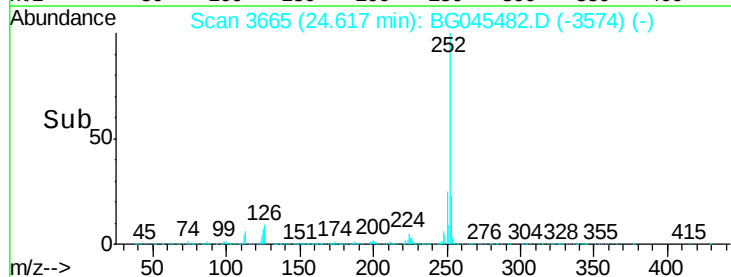
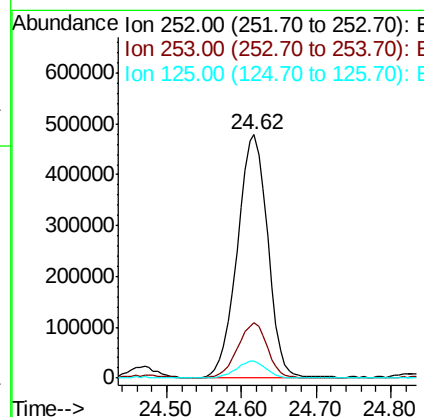
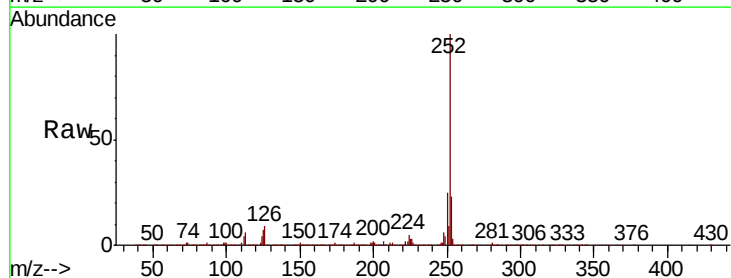
Manual Integrations
APPROVED

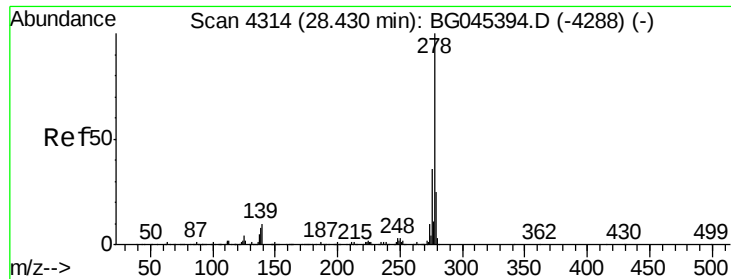
mohammad
5/29/2020 10:24:39 PM



#90
Benzo(a)pyrene
Concen: 47.001 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	7.1	5.0	7.6





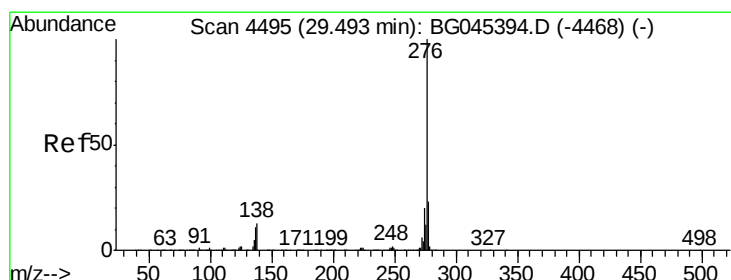
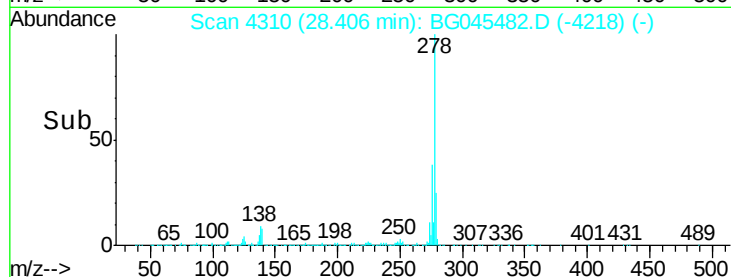
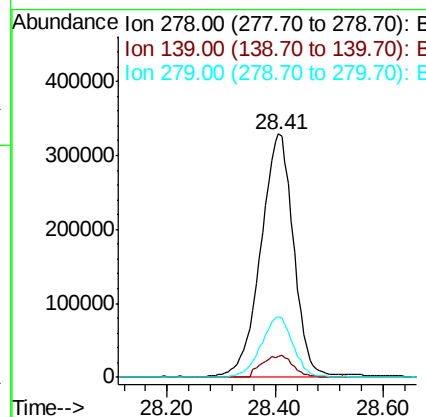
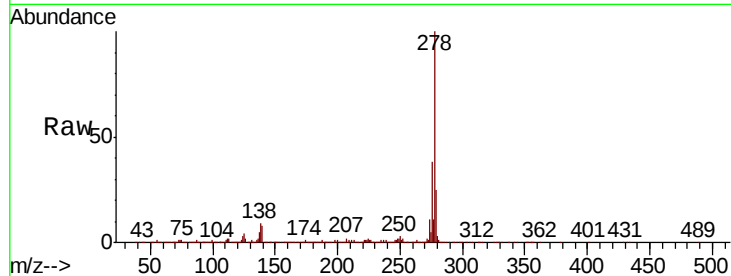
#91
Dibenzo(a,h)anthracene
Concen: 47.320 ng
RT: 28.41 min Scan# 4310
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.8	11.8
279	24.9	19.8	29.8

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:39 PM



#92
Benzo(g,h,i)perylene
Concen: 49.478 ng
RT: 29.46 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	11.6	10.2	15.4

