

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
 Data File : BM039968.D
 Acq On : 23 May 2023 11:49
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : mohammad ahmed 05/24/2023

Quant Time: May 24 00:25:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 00:17:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	234460	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	939231	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	473566	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	862748	20.000	ng	0.00
76) Chrysene-d12	21.574	240	702337	20.000	ng	0.00
86) Perylene-d12	24.021	264	661776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	645362	42.222	ng	0.00
7) Phenol-d6	7.163	99	843223	42.291	ng	0.00
23) Nitrobenzene-d5	9.187	82	718783	41.295	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	212251	34.532	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	1618325	40.307	ng	0.00
79) Terphenyl-d14	20.009	244	1870512	41.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	129932	21.049	ng	98
3) Pyridine	3.828	79	361156	21.322	ng	99
4) n-Nitrosodimethylamine	3.740	42	152025	21.115	ng	100
6) Aniline	7.340	93	509085	20.635	ng	99
8) 2-Chlorophenol	7.575	128	331579	20.609	ng	99
9) Benzaldehyde	7.146	77	215379m	22.345	ng	
10) Phenol	7.193	94	418265	20.928	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	336273	20.427	ng	97
12) 1,3-Dichlorobenzene	7.904	146	352615	20.696	ng	99
13) 1,4-Dichlorobenzene	8.051	146	354268	20.437	ng	99
14) 1,2-Dichlorobenzene	8.375	146	348476	20.501	ng	99
15) Benzyl Alcohol	8.251	79	260381	20.259	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.557	45	436465	20.669	ng	99
17) 2-Methylphenol	8.457	107	295518	20.667	ng	99
18) Hexachloroethane	9.104	117	127530	20.292	ng	93
19) n-Nitroso-di-n-propyla...	8.828	70	236779	20.503	ng	98
20) 3+4-Methylphenols	8.787	107	382795	20.287	ng	100
22) Acetophenone	8.845	105	520016	20.513	ng	# 99
24) Nitrobenzene	9.228	77	362563	20.535	ng	99
25) Isophorone	9.751	82	631028	19.880	ng	99
26) 2-Nitrophenol	9.939	139	125962	20.162	ng	99
27) 2,4-Dimethylphenol	9.998	122	282029	19.819	ng	99
28) bis(2-Chloroethoxy)met...	10.239	93	415734	19.977	ng	99
29) 2,4-Dichlorophenol	10.475	162	266348	19.756	ng	99
30) 1,2,4-Trichlorobenzene	10.692	180	293857	19.909	ng	97
31) Naphthalene	10.886	128	1054036	20.339	ng	100
32) Benzoic acid	10.081	122	129593	19.120	ng	94
33) 4-Chloroaniline	10.986	127	430198	19.700	ng	99
34) Hexachlorobutadiene	11.175	225	162544	19.620	ng	99
35) Caprolactam	11.751	113	66394	17.440	ng	96
36) 4-Chloro-3-methylphenol	12.104	107	273512	19.628	ng	98
37) 2-Methylnaphthalene	12.486	142	691172	20.009	ng	99
38) 1-Methylnaphthalene	12.704	142	642239	19.862	ng	98
40) 1,2,4,5-Tetrachloroben...	12.851	216	296629	19.804	ng	99
41) Hexachlorocyclopentadiene	12.839	237	145600	18.791	ng	99
43) 2,4,6-Trichlorophenol	13.086	196	178564	19.641	ng	98

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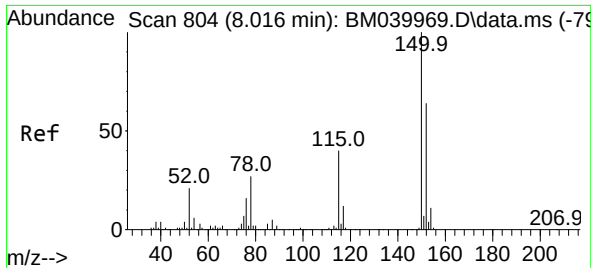
Manual Integrations
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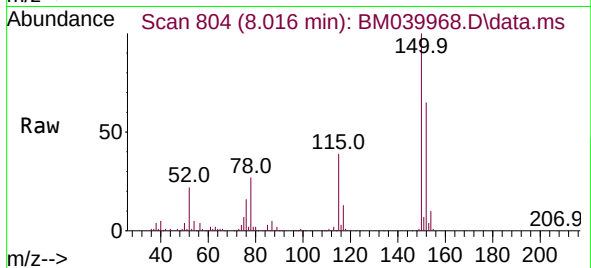
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	210429	19.447	ng	98
46) 1,1'-Biphenyl	13.492	154	821533	20.263	ng	99
47) 2-Chloronaphthalene	13.533	162	612818	20.249	ng	99
48) 2-Nitroaniline	13.733	65	143471	19.146	ng	98
49) Acenaphthylene	14.374	152	963257	20.331	ng	100
50) Dimethylphthalate	14.110	163	705202	19.754	ng	100
51) 2,6-Dinitrotoluene	14.227	165	134436	19.685	ng	98
52) Acenaphthene	14.716	154	614577	19.853	ng	100
53) 3-Nitroaniline	14.551	138	158242	19.587	ng	97
54) 2,4-Dinitrophenol	14.751	184	48786	19.587	ng	94
55) Dibenzofuran	15.051	168	920112	20.134	ng	99
56) 4-Nitrophenol	14.845	139	122479	19.598	ng	99
57) 2,4-Dinitrotoluene	15.004	165	165353	19.251	ng	93
58) Fluorene	15.698	166	756832	19.923	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.269	232	151891	18.875	ng	97
60) Diethylphthalate	15.469	149	694880	19.693	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	354811	19.090	ng	97
62) 4-Nitroaniline	15.710	138	168279	20.001	ng	100
63) Azobenzene	15.986	77	741329	21.072	ng	99
65) 4,6-Dinitro-2-methylph...	15.763	198	67864	19.782	ng	92
66) n-Nitrosodiphenylamine	15.904	169	587455	19.800	ng	99
67) 4-Bromophenyl-phenylether	16.586	248	180813	18.967	ng	99
68) Hexachlorobenzene	16.698	284	208812	19.168	ng	99
69) Atrazine	16.851	200	145510	19.717	ng	97
70) Pentachlorophenol	17.039	266	125200	17.507	ng	97
71) Phenanthrene	17.439	178	1023253	19.829	ng	100
72) Anthracene	17.527	178	1003235	19.621	ng	99
73) Carbazole	17.792	167	907114	19.637	ng	99
74) Di-n-butylphthalate	18.362	149	981486	19.013	ng	100
75) Fluoranthene	19.445	202	979639	19.047	ng	97
77) Benzidine	19.633	184	245211	22.483	ng	100
78) Pyrene	19.809	202	1045987	20.296	ng	100
80) Butylbenzylphthalate	20.709	149	326237	18.675	ng	97
81) Benzo(a)anthracene	21.556	228	967372	19.457	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	261781	17.626	ng	# 98
83) Chrysene	21.609	228	933390	19.566	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	557540	18.872	ng	# 96
85) Di-n-octyl phthalate	22.433	149	765953	19.349	ng	98
87) Indeno(1,2,3-cd)pyrene	26.580	276	1004135	19.080	ng	97
88) Benzo(b)fluoranthene	23.274	252	818348	19.315	ng	98
89) Benzo(k)fluoranthene	23.327	252	909719	19.633	ng	99
90) Benzo(a)pyrene	23.915	252	777371	19.132	ng	98
91) Dibenzo(a,h)anthracene	26.597	278	857337	18.870	ng	98
92) Benzo(g,h,i)perylene	27.362	276	770338	19.184	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

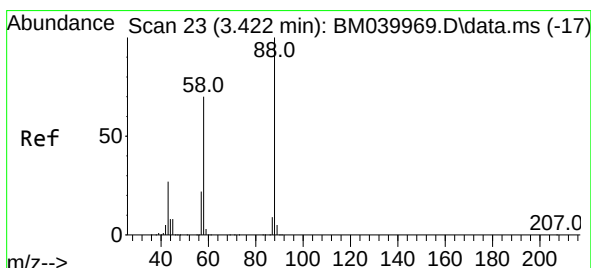
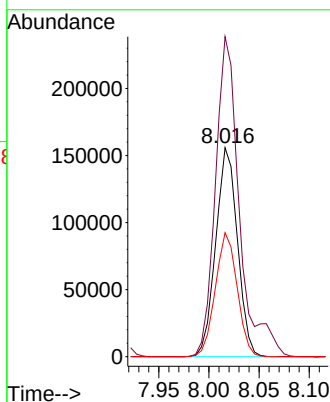
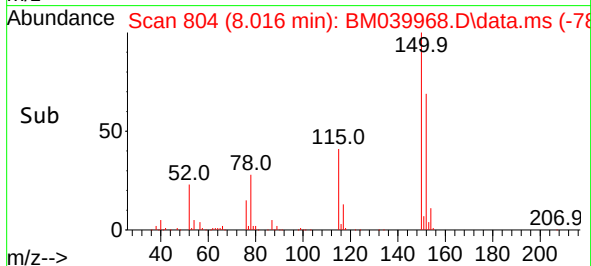
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 234460
Ion Ratio Lower Upper
152 100
150 153.2 125.5 188.3
115 59.3 50.2 75.2

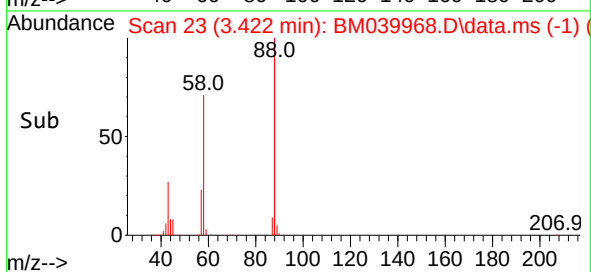
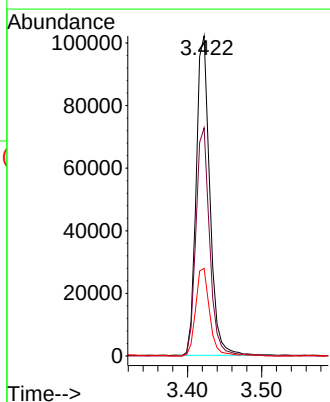
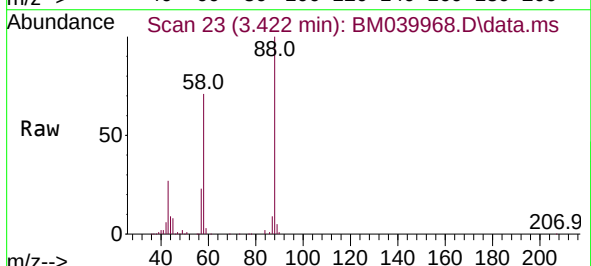
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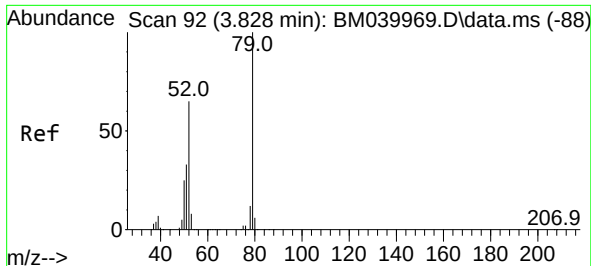
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#2
1,4-Dioxane
Concen: 21.049 ng
RT: 3.422 min Scan# 23
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

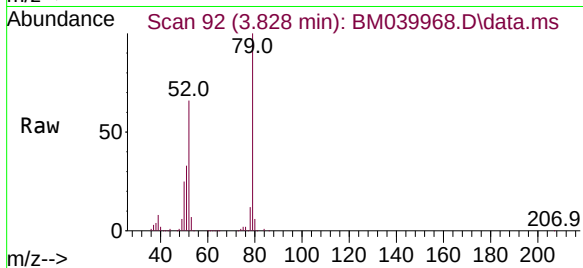
Tgt Ion: 88 Resp: 129932
Ion Ratio Lower Upper
88 100
58 72.5 56.1 84.1
43 28.1 22.0 33.0





#3
Pyridine
Concen: 21.322 ng
RT: 3.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

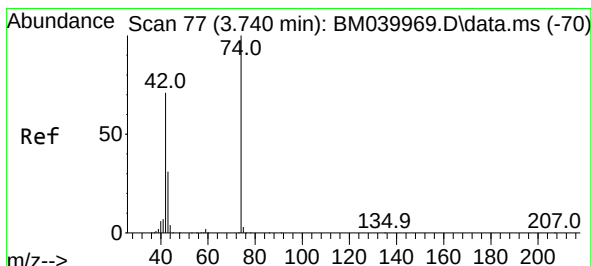
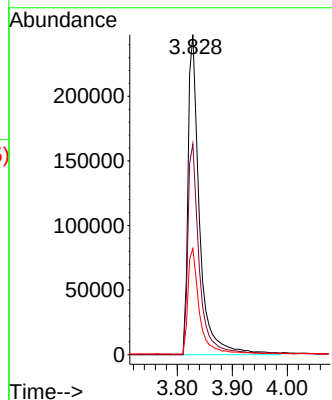
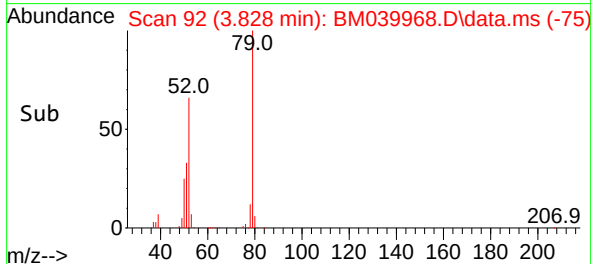
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



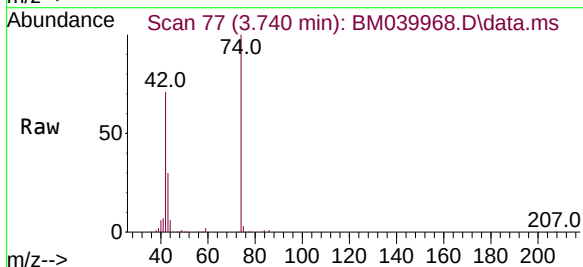
Tgt Ion: 79 Resp: 361150
Ion Ratio Lower Upper
79 100
52 65.9 52.0 78.0
51 33.2 26.5 39.7

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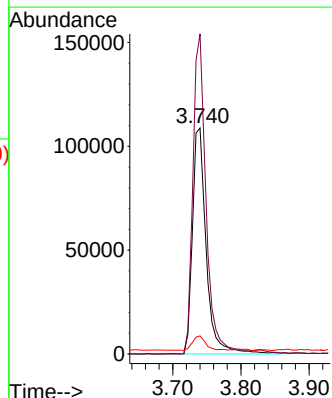
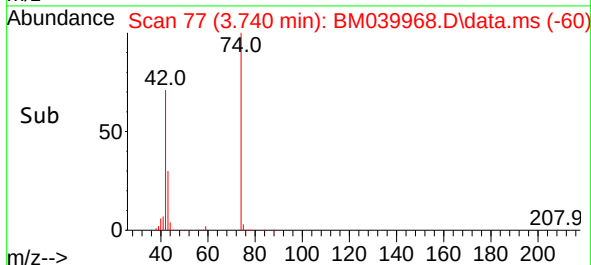
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

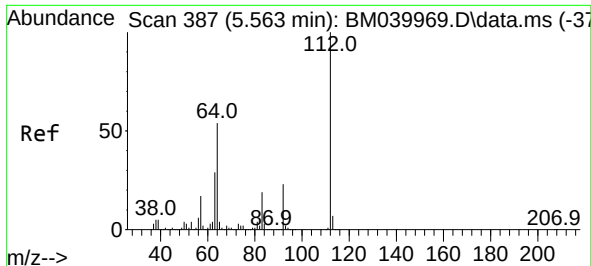


#4
n-Nitrosodimethylamine
Concen: 21.115 ng
RT: 3.740 min Scan# 77
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



Tgt Ion: 42 Resp: 152025
Ion Ratio Lower Upper
42 100
74 141.6 113.4 170.0
44 8.0 5.4 8.2





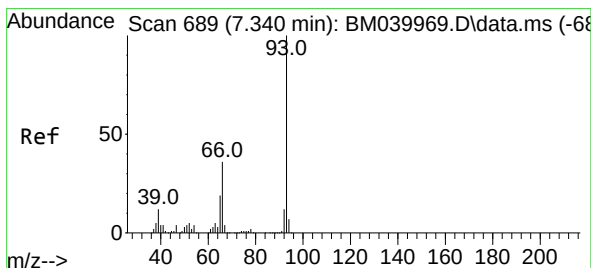
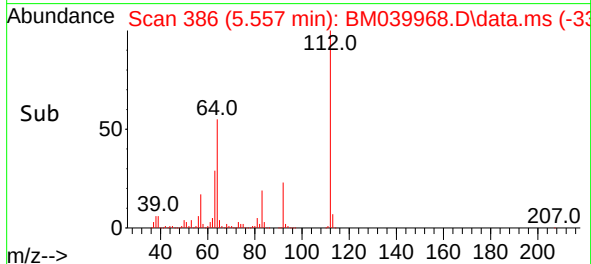
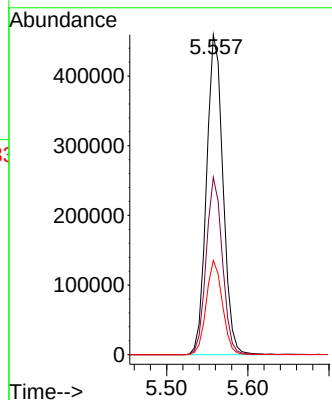
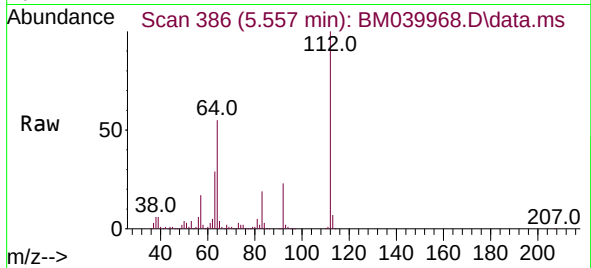
#5
2-Fluorophenol
Concen: 42.222 ng
RT: 5.557 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :
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ClientSampleId :
SSTDICC020

Tgt Ion: 112 Resp: 645362
Ion Ratio Lower Upper
112 100
64 55.4 43.0 64.4
63 29.4 22.9 34.3

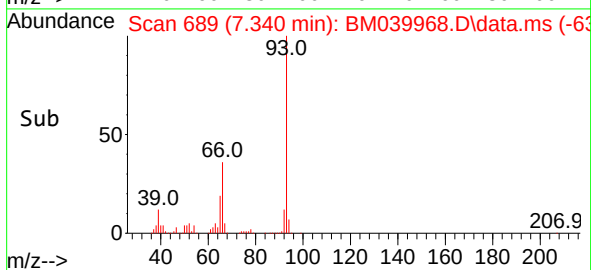
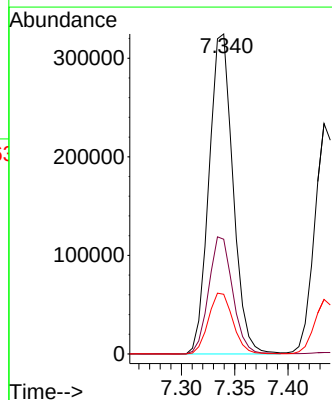
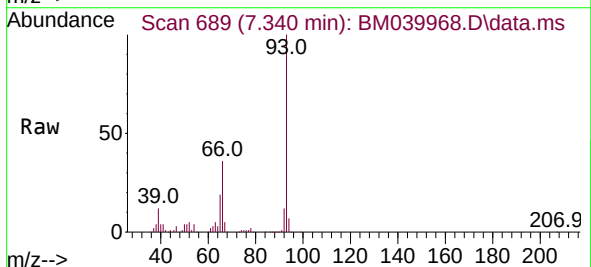
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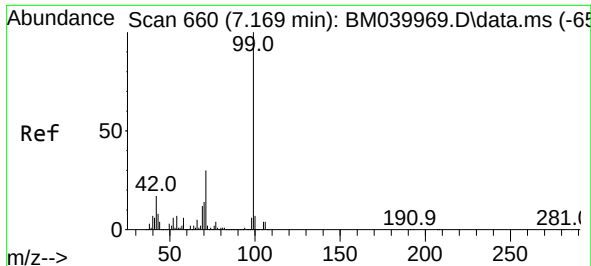
Reviewed By :Christian Giraldo 05/24/2023
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#6
Aniline
Concen: 20.635 ng
RT: 7.340 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

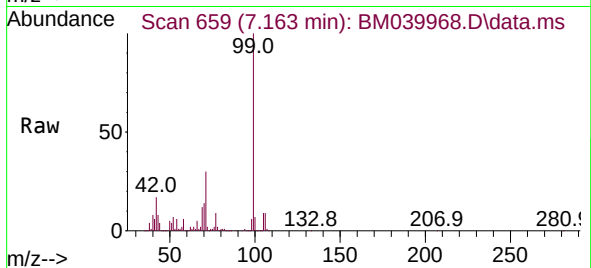
Tgt Ion: 93 Resp: 509085
Ion Ratio Lower Upper
93 100
66 35.9 29.2 43.8
65 18.6 15.3 22.9





#7
Phenol-d6
Concen: 42.291 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

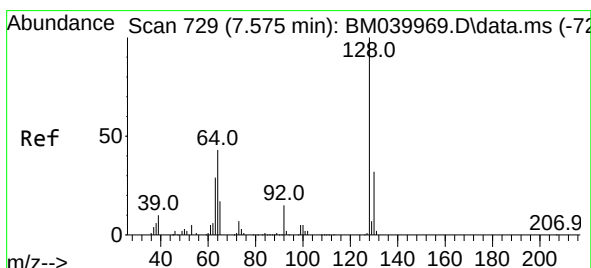
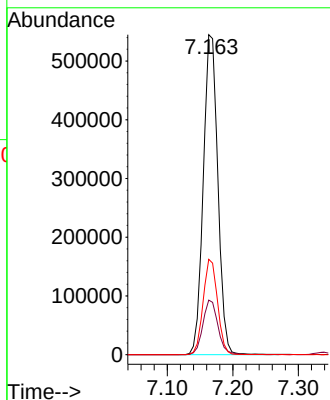
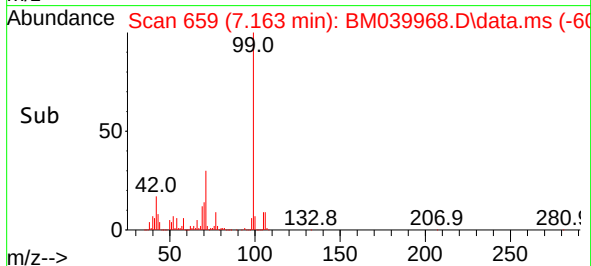
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 84322
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 29.8 24.4 36.6

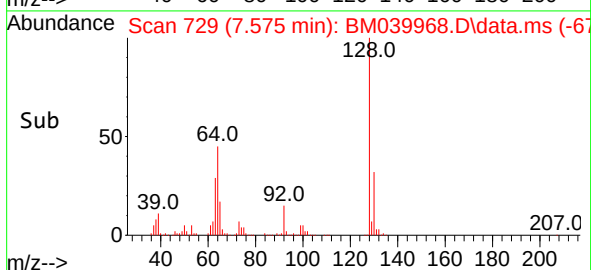
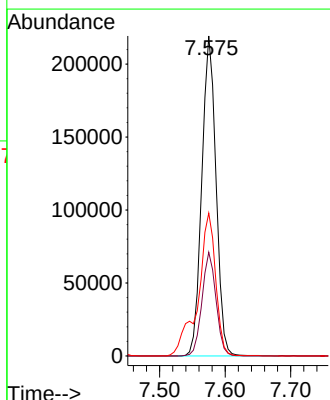
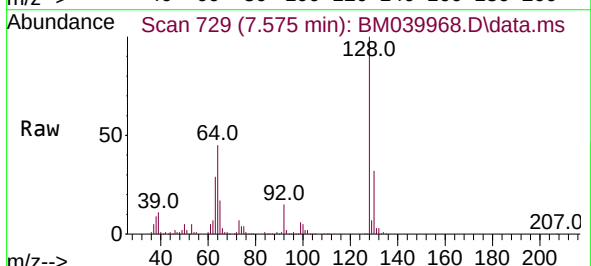
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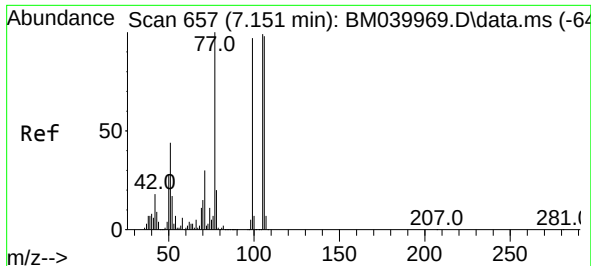
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#8
2-Chlorophenol
Concen: 20.609 ng
RT: 7.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

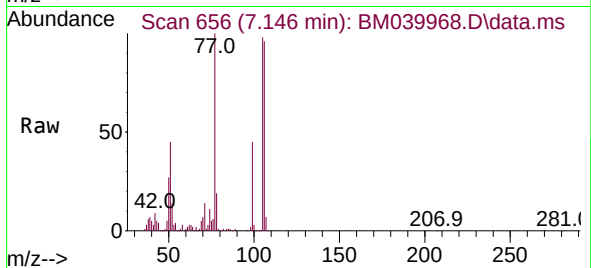
Tgt Ion:128 Resp: 331579
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 44.6 25.5 65.5





#9
Benzaldehyde
Concen: 22.345 ng m
RT: 7.146 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

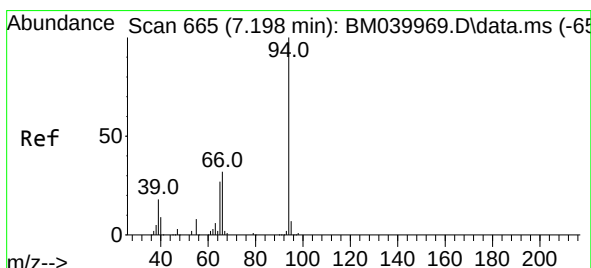
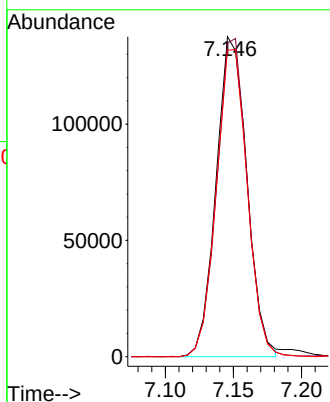
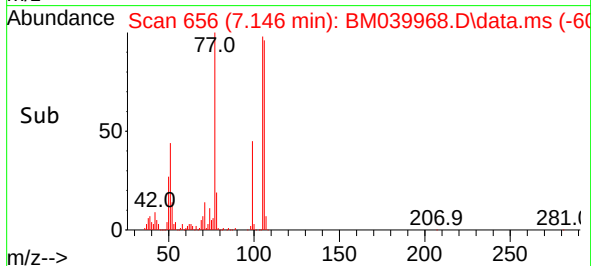
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 215379
Ion Ratio Lower Upper
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105 98.0 79.2 119.2
106 95.8 77.6 117.6

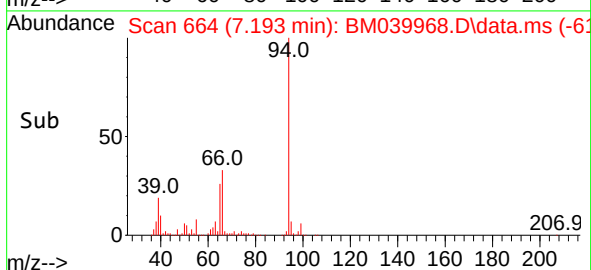
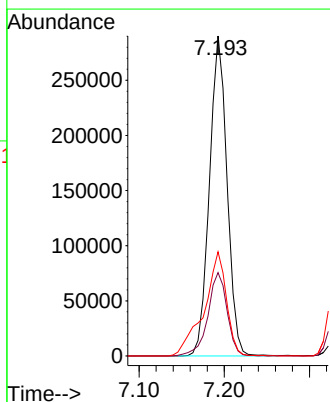
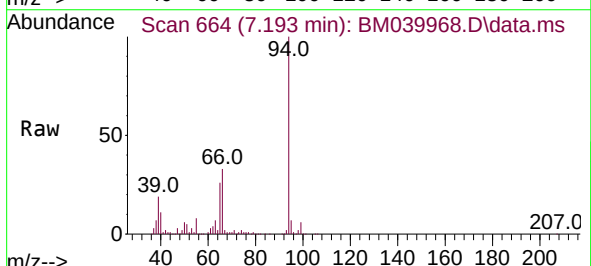
Manual Integrations
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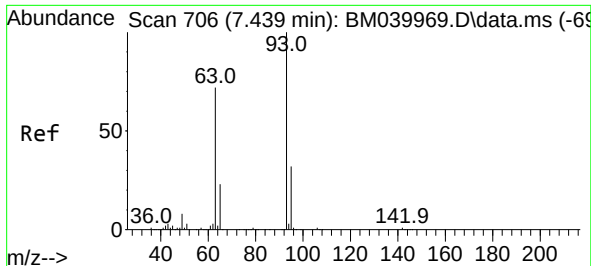
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#10
Phenol
Concen: 20.928 ng
RT: 7.193 min Scan# 664
Delta R.T. -0.005 min
Lab File: BM039968.D
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Tgt Ion: 94 Resp: 418265
Ion Ratio Lower Upper
94 100
65 26.0 6.7 46.7
66 32.5 12.4 52.4





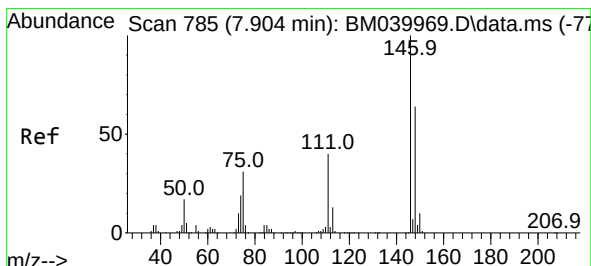
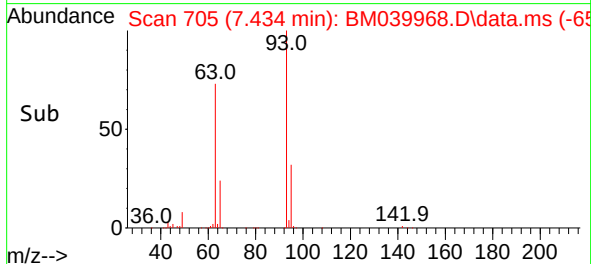
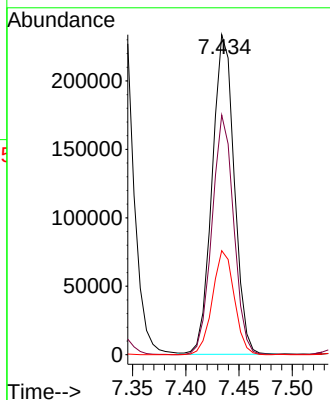
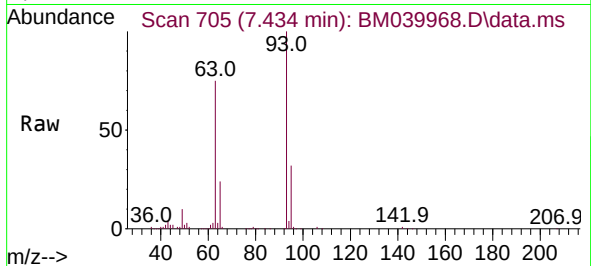
#11
bis(2-Chloroethyl)ether
Concen: 20.427 ng
RT: 7.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 33627
Ion Ratio Lower Upper
93 100
63 74.9 52.0 92.0
95 32.5 12.2 52.2

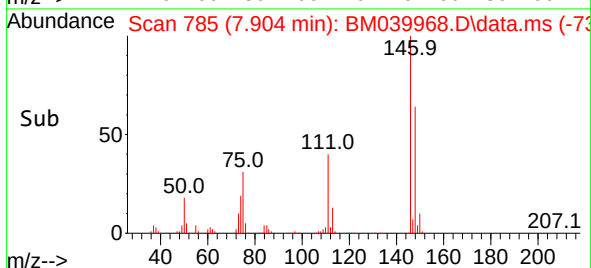
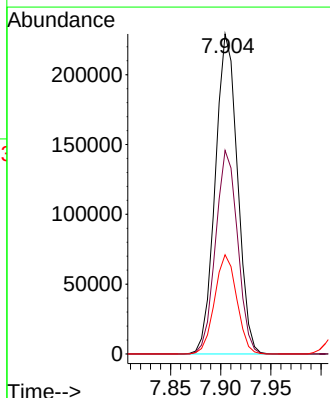
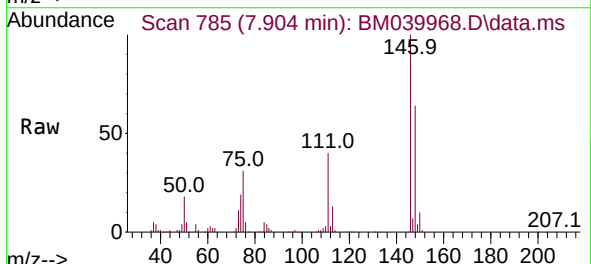
Manual Integrations
APPROVED

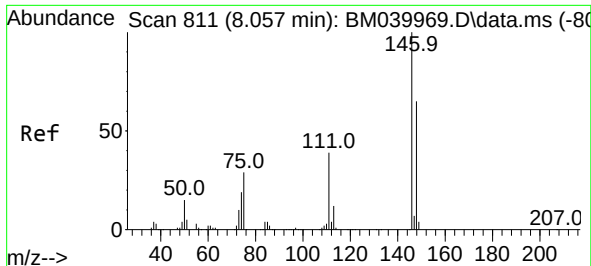
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#12
1,3-Dichlorobenzene
Concen: 20.696 ng
RT: 7.904 min Scan# 785
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion:146 Resp: 352615
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
75 31.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 20.437 ng

RT: 8.051 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 354268

Ion Ratio Lower Upper

146 100

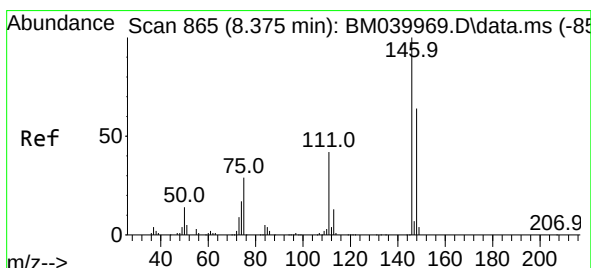
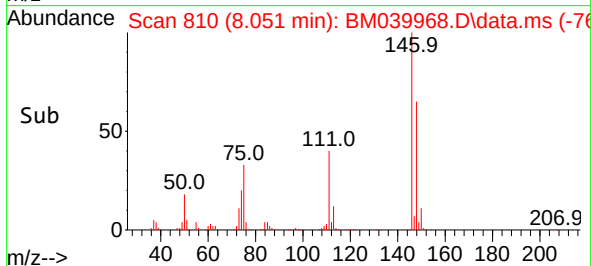
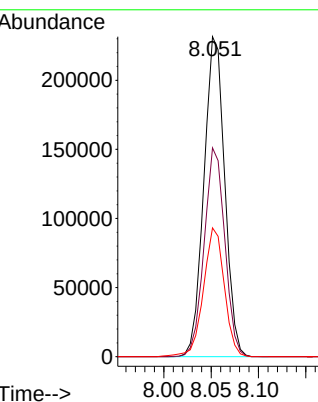
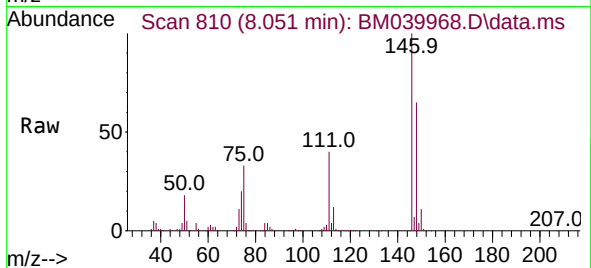
148 65.2 51.8 77.8

111 40.3 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#14

1,2-Dichlorobenzene

Concen: 20.501 ng

RT: 8.375 min Scan# 865

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

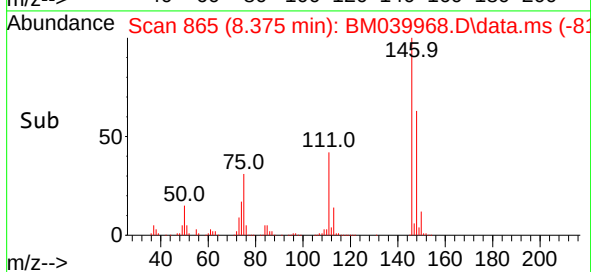
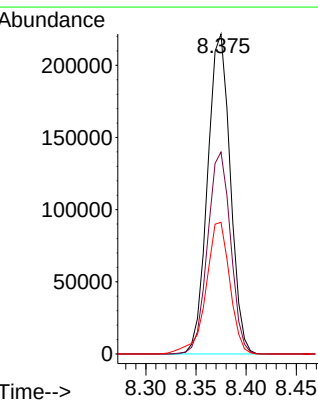
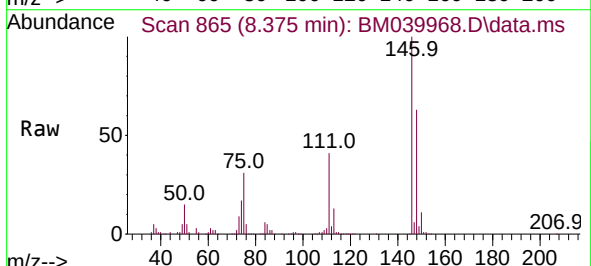
Tgt Ion:146 Resp: 348476

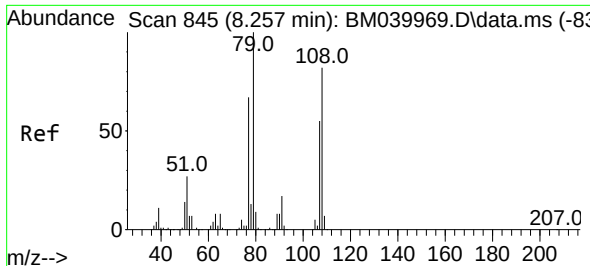
Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

111 41.2 33.5 50.3





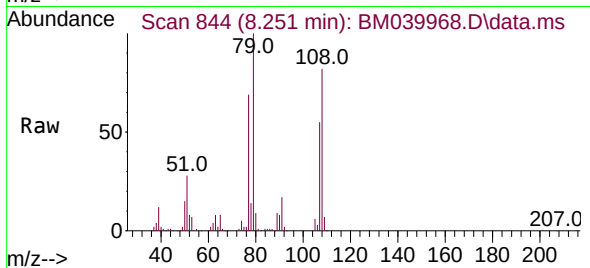
#15
Benzyl Alcohol
Concen: 20.259 ng
RT: 8.251 min Scan# 845
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

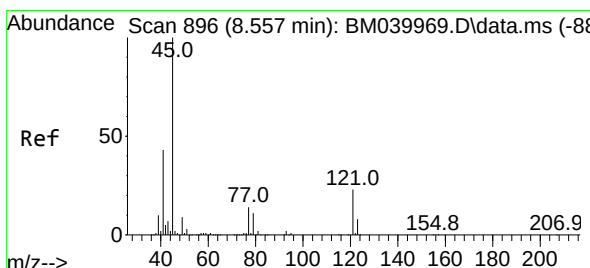
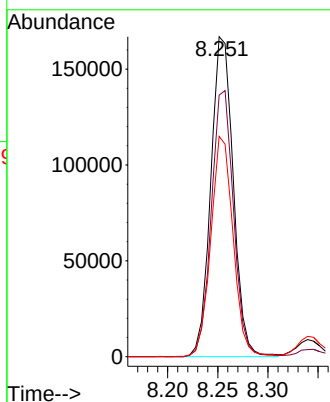
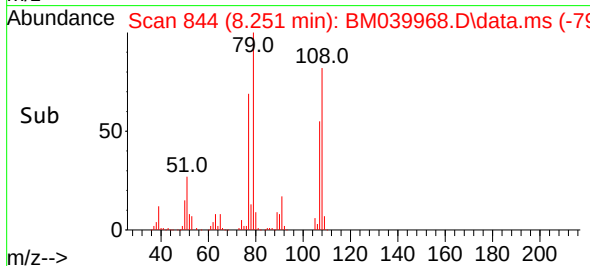


Tgt Ion: 79 Resp: 26038
Ion Ratio Lower Upper
79 100
108 81.7 65.4 98.2
77 68.9 53.6 80.4

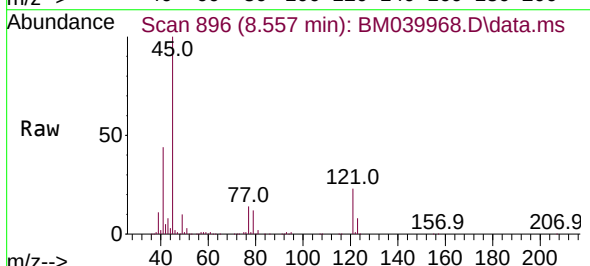
Manual Integrations

APPROVED

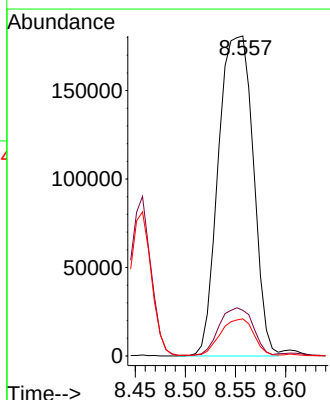
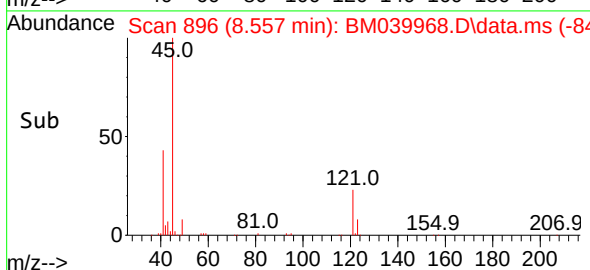
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

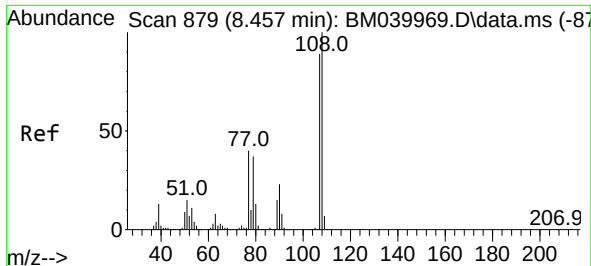


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.669 ng
RT: 8.557 min Scan# 896
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



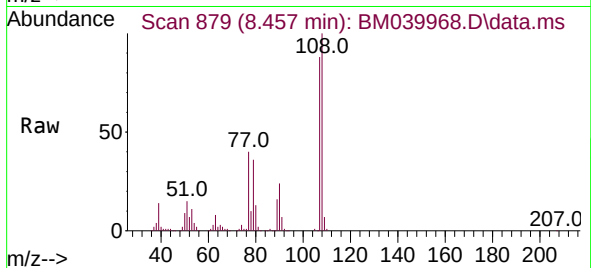
Tgt Ion: 45 Resp: 436465
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.7
79 11.6 0.0 31.3





#17
2-Methylphenol
Concen: 20.667 ng
RT: 8.457 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

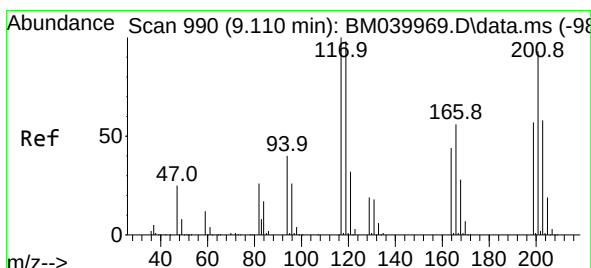
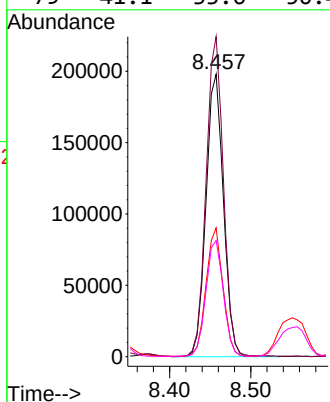
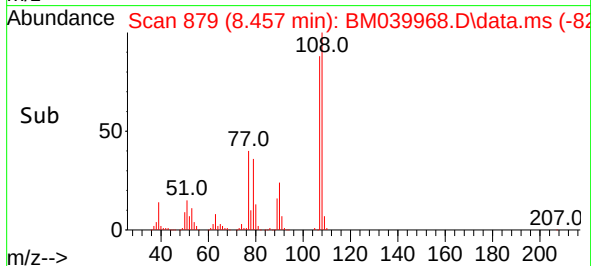
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	45.6	35.6	53.4
79	41.1	33.6	50.4

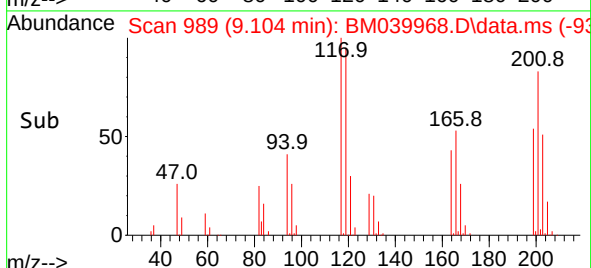
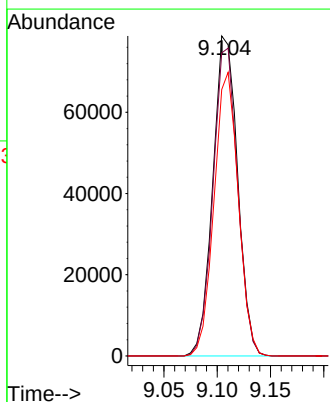
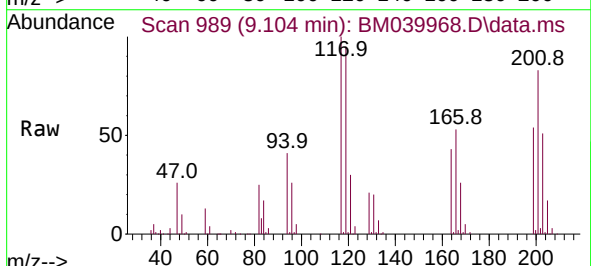
Manual Integrations
APPROVED

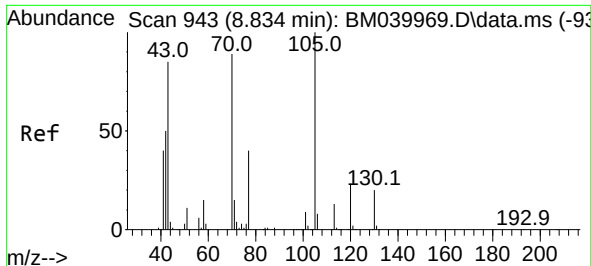
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#18
Hexachloroethane
Concen: 20.292 ng
RT: 9.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.8	118.2
201	83.2	74.3	111.5





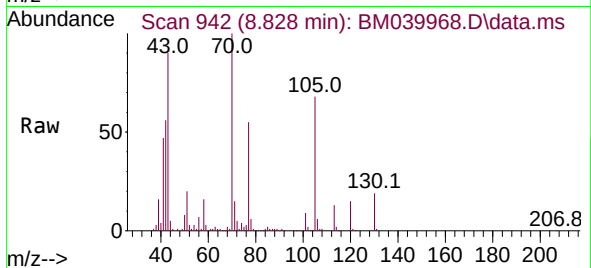
#19
n-Nitroso-di-n-propylamine
Concen: 20.503 ng
RT: 8.828 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

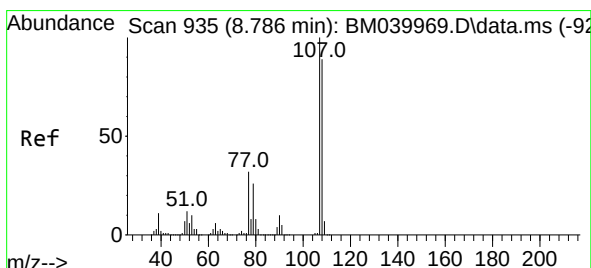
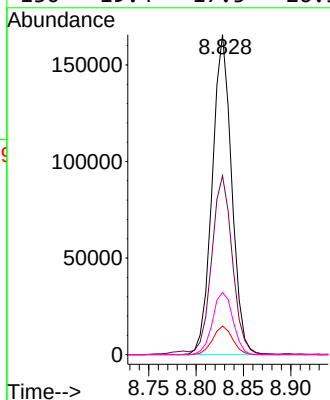
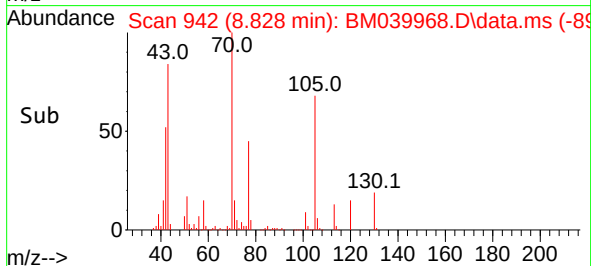


Tgt Ion: 70 Resp: 236779
Ion Ratio Lower Upper
70 100
42 55.9 45.6 68.4
101 9.0 7.7 11.5
130 19.4 17.5 26.3

Manual Integrations

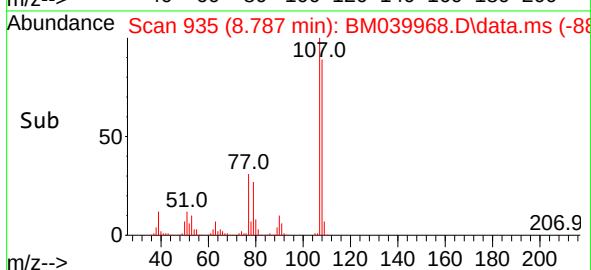
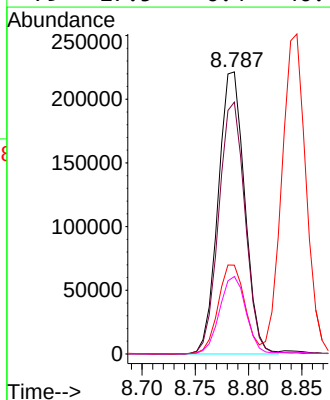
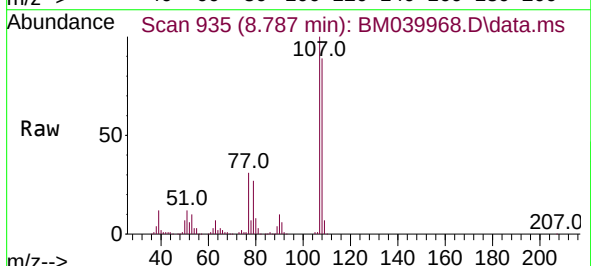
APPROVED

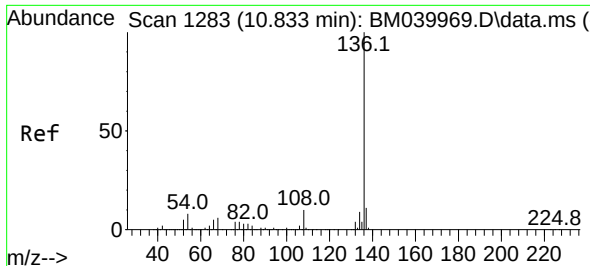
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#20
3+4-Methylphenols
Concen: 20.287 ng
RT: 8.787 min Scan# 935
Delta R.T. 0.001 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion:107 Resp: 382795
Ion Ratio Lower Upper
107 100
108 89.3 69.3 109.3
77 31.5 11.7 51.7
79 27.5 6.4 46.4





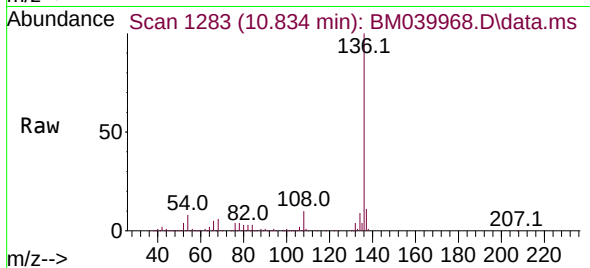
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.834 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

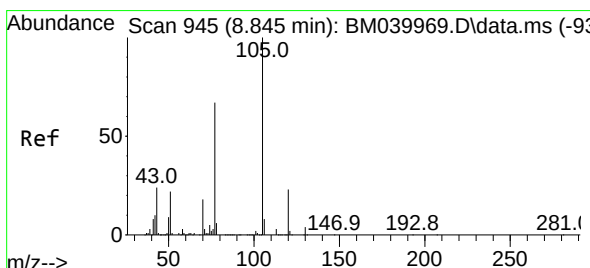
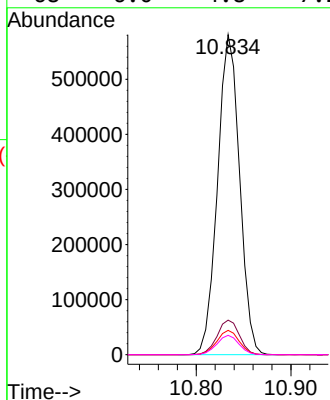
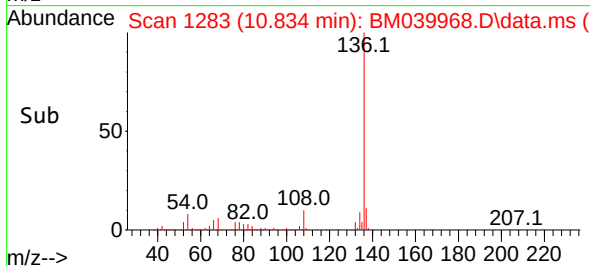


Tgt Ion:136 Resp: 93923
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.1 9.1
68 6.0 4.8 7.2

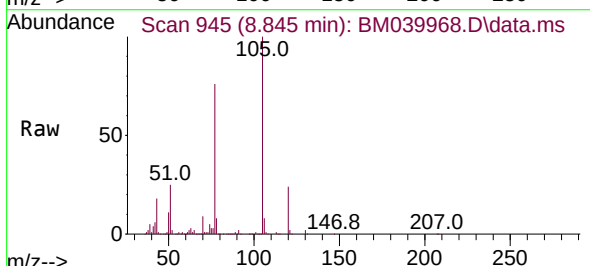
Manual Integrations

APPROVED

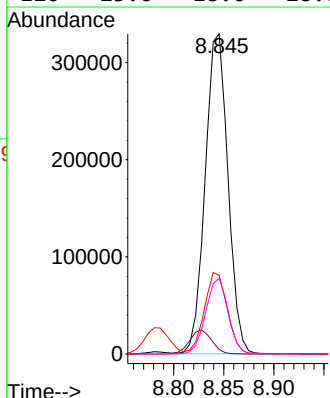
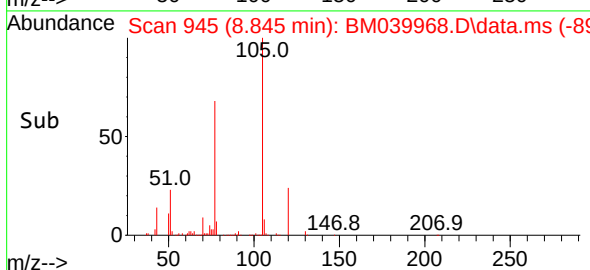
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

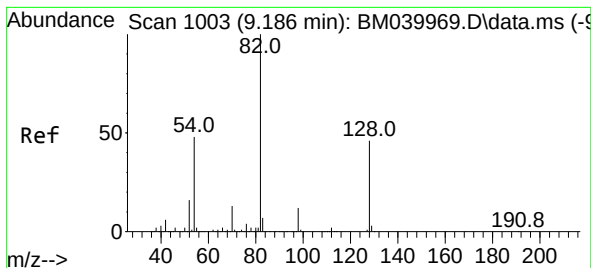


#22
Acetophenone
Concen: 20.513 ng
RT: 8.845 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



Tgt Ion:105 Resp: 520016
Ion Ratio Lower Upper
105 100
71 1.4 2.2 3.4#
51 24.6 19.8 29.8
120 23.6 18.6 28.0





#23
Nitrobenzene-d5
Concen: 41.295 ng
RT: 9.187 min Scan# 1003
Delta R.T. 0.001 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

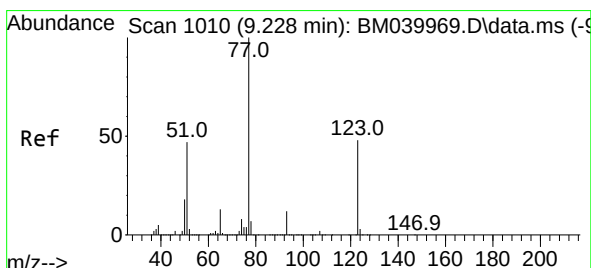
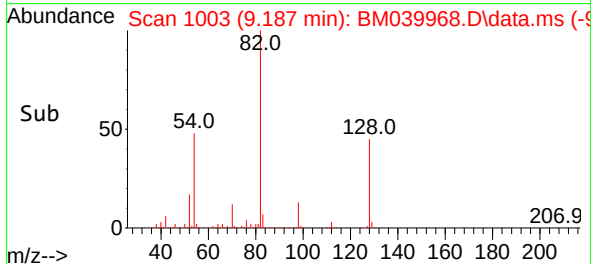
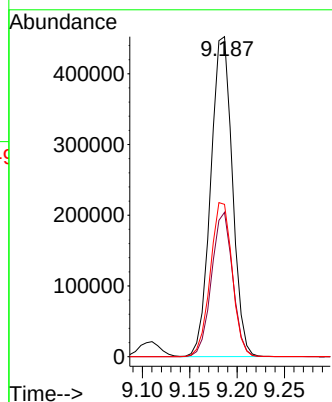
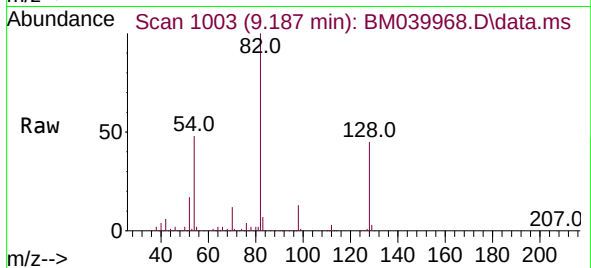
SSTDICC020

Tgt Ion: 82 Resp: 71878
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 47.6 38.3 57.5

Manual Integrations

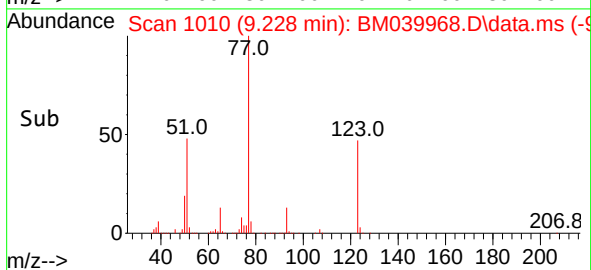
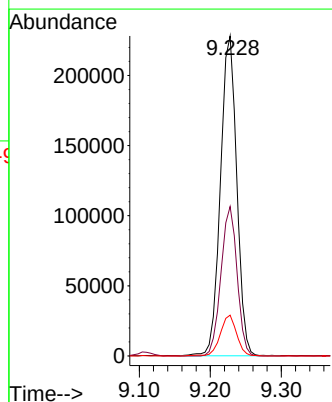
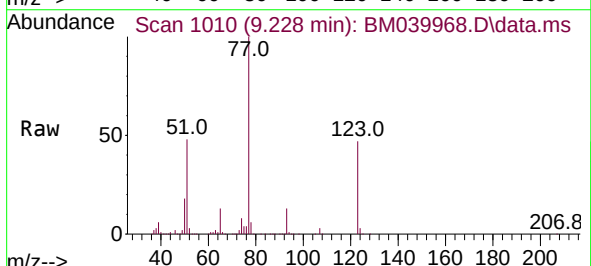
APPROVED

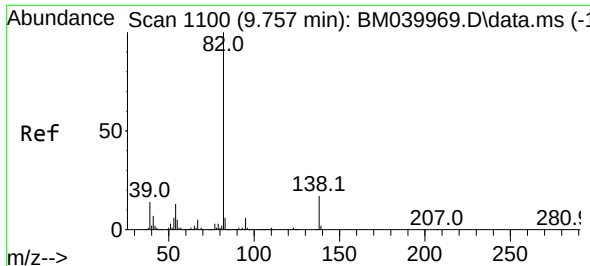
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#24
Nitrobenzene
Concen: 20.535 ng
RT: 9.228 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

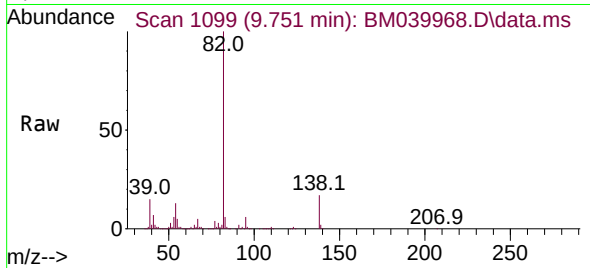
Tgt Ion: 77 Resp: 362563
Ion Ratio Lower Upper
77 100
123 46.7 38.1 57.1
65 12.8 10.1 15.1





#25
Isophorone
Concen: 19.880 ng
RT: 9.751 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

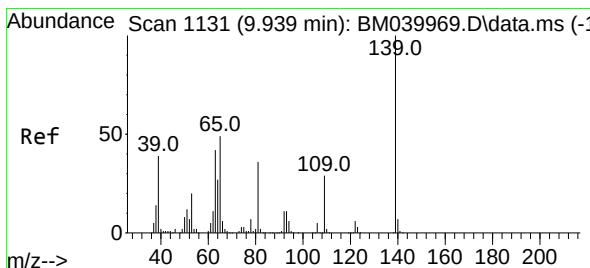
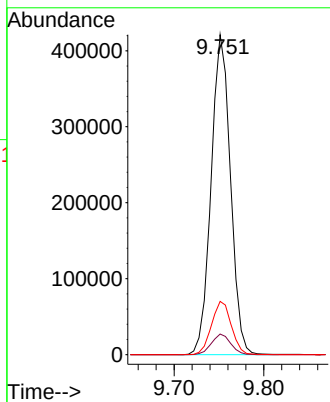
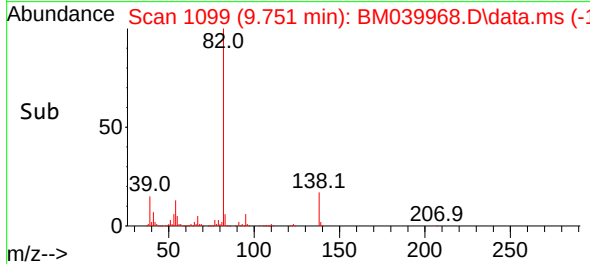
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 631028
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.6 13.8 20.8

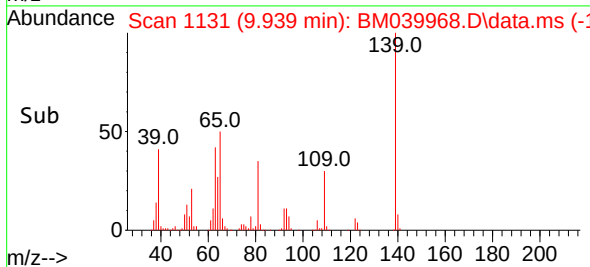
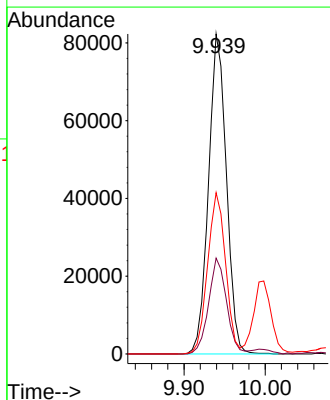
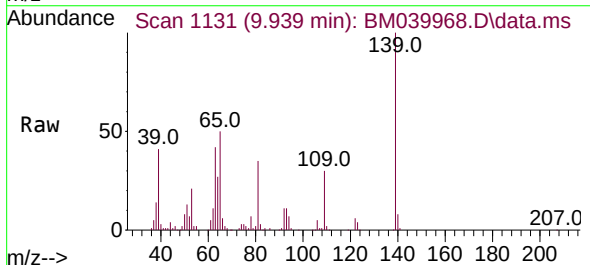
Manual Integrations
APPROVED

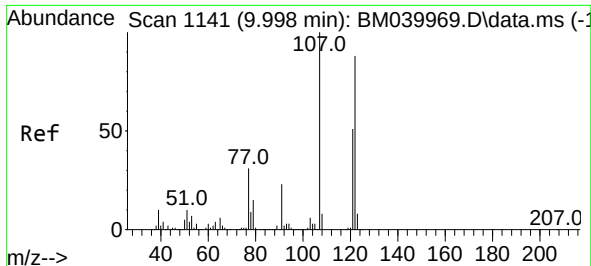
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#26
2-Nitrophenol
Concen: 20.162 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion:139 Resp: 125962
Ion Ratio Lower Upper
139 100
109 29.9 23.4 35.2
65 50.4 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 19.819 ng

RT: 9.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BM039968.D

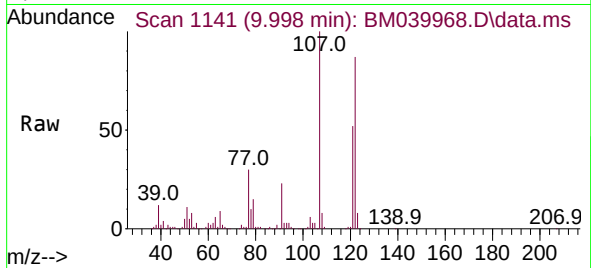
Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:122 Resp: 282029

Ion Ratio Lower Upper

122 100

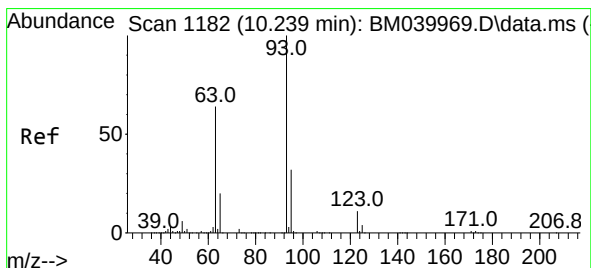
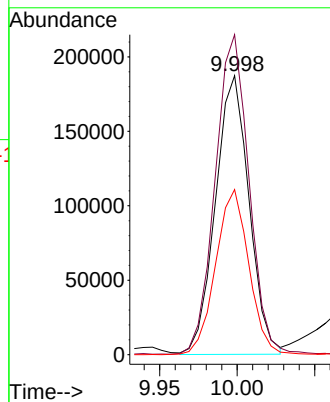
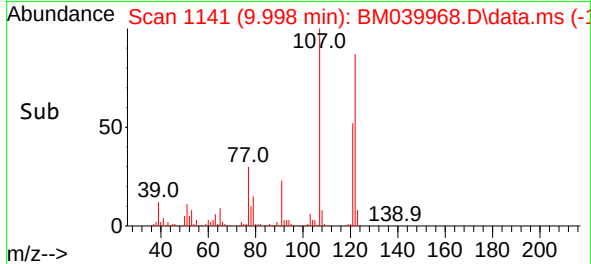
107 114.7 91.0 136.4

121 59.2 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 19.977 ng

RT: 10.239 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

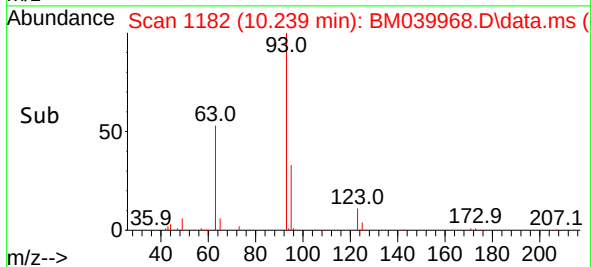
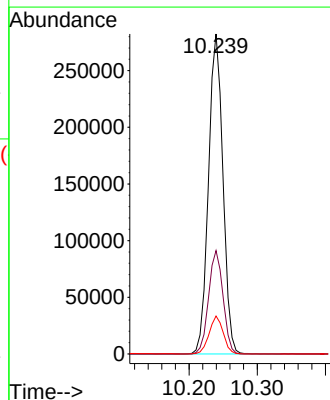
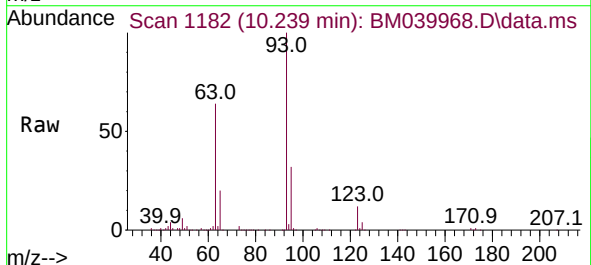
Tgt Ion: 93 Resp: 415734

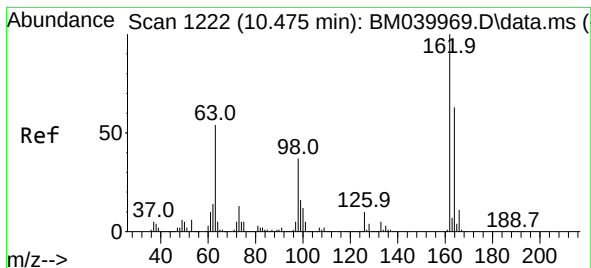
Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

123 11.9 9.1 13.7





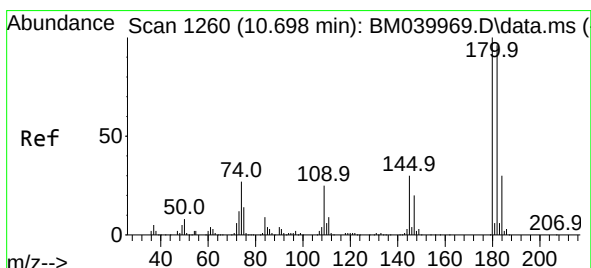
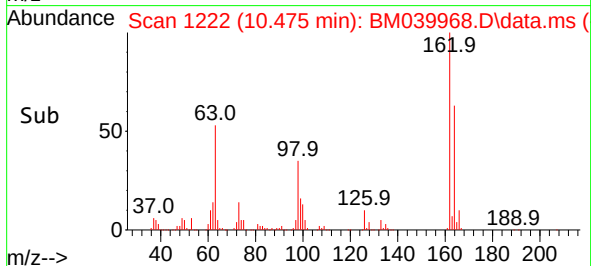
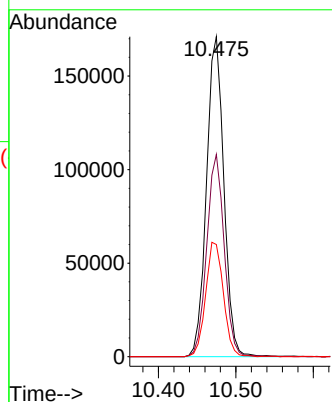
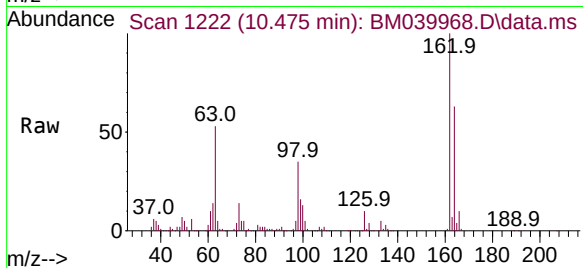
#29
2,4-Dichlorophenol
Concen: 19.756 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 26634
Ion Ratio Lower Upper
162 100
164 63.2 43.3 83.3
98 35.0 16.6 56.6

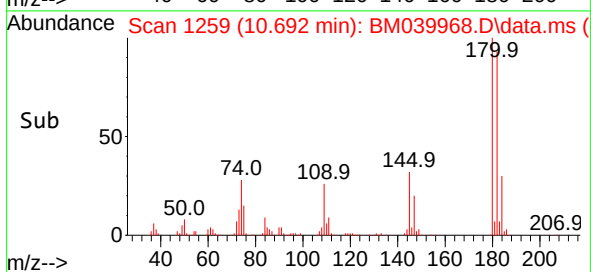
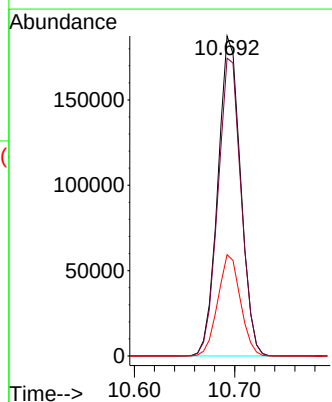
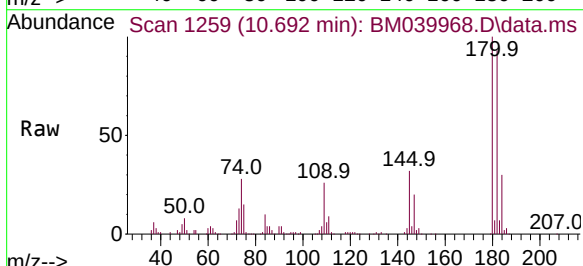
Manual Integrations
APPROVED

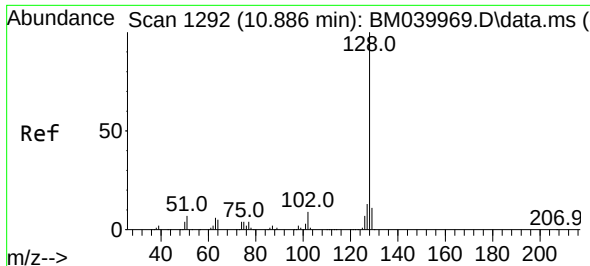
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 19.909 ng
RT: 10.692 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

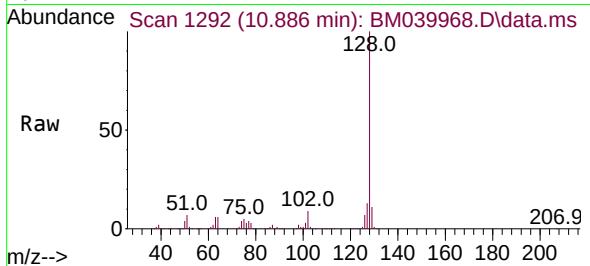
Tgt Ion:180 Resp: 293857
Ion Ratio Lower Upper
180 100
182 93.1 76.9 115.3
145 31.7 24.1 36.1





#31
Naphthalene
Concen: 20.339 ng
RT: 10.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

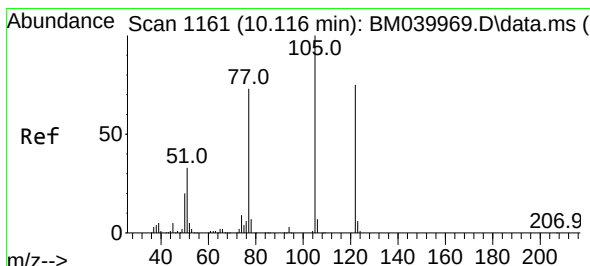
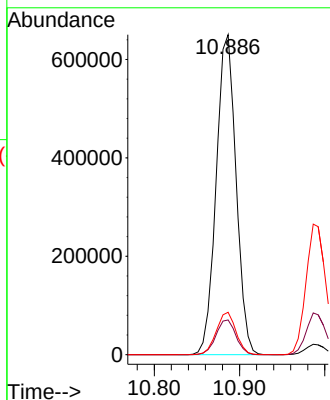
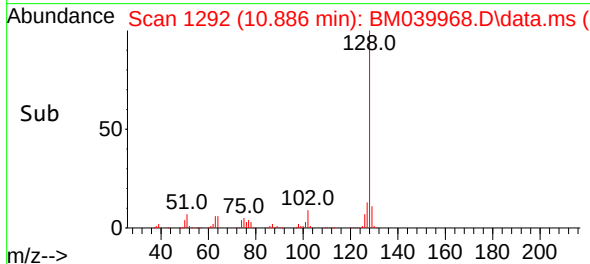
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 1054030
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.4 15.6

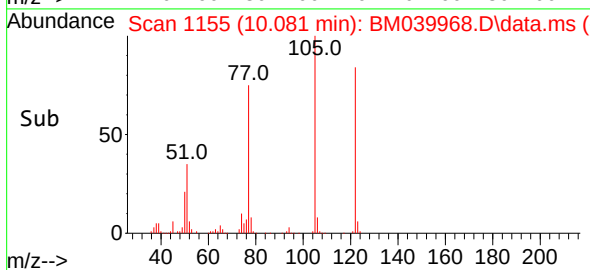
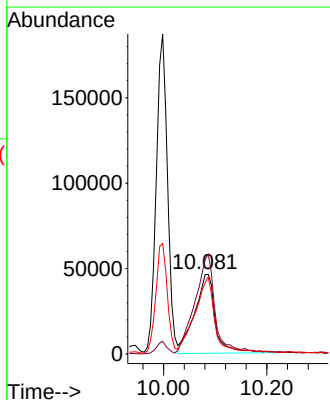
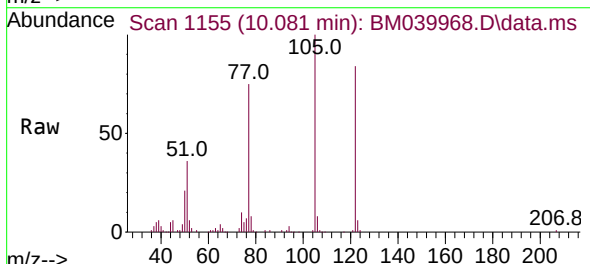
Manual Integrations
APPROVED

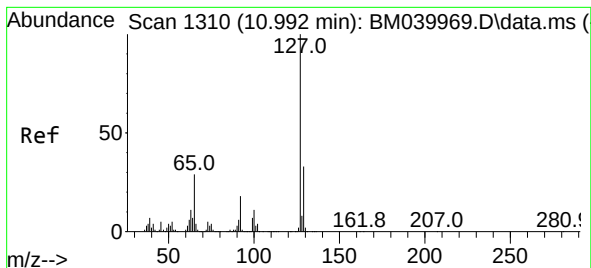
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#32
Benzoic acid
Concen: 19.120 ng
RT: 10.081 min Scan# 1155
Delta R.T. -0.035 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

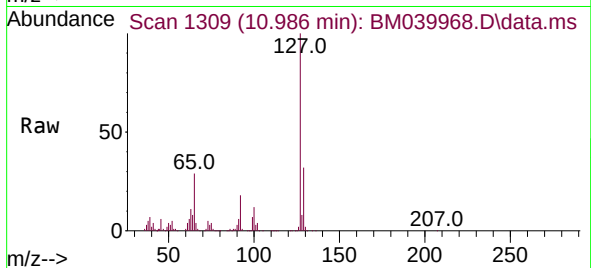
Tgt Ion:122 Resp: 129593
Ion Ratio Lower Upper
122 100
105 118.9 106.0 146.0
77 89.7 74.7 114.7





#33
4-Chloroaniline
Concen: 19.700 ng
RT: 10.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

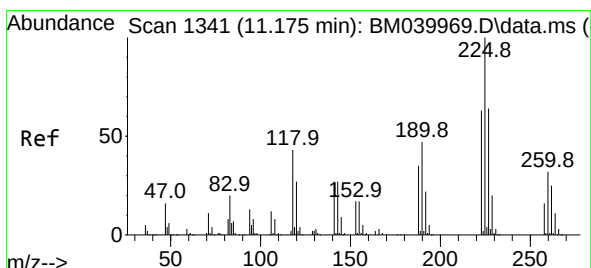
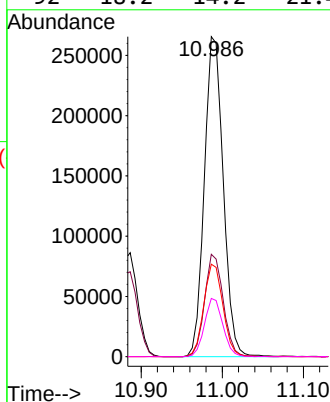
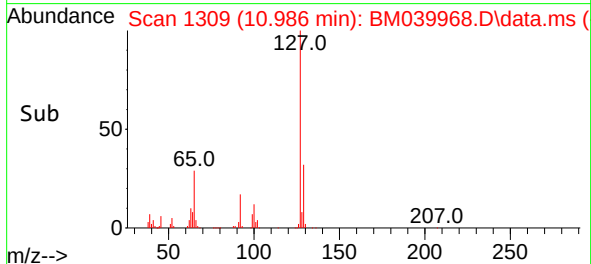
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 430198
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.2
65 28.9 23.1 34.7
92 18.2 14.2 21.4

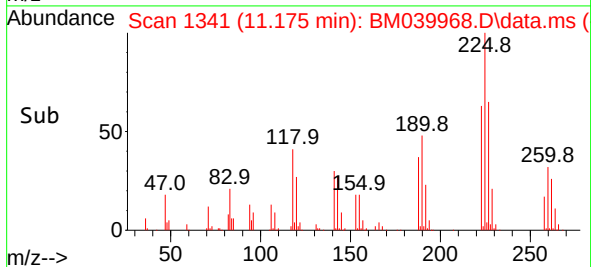
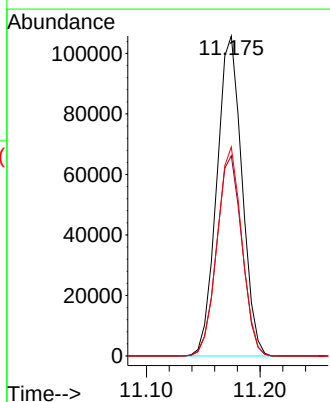
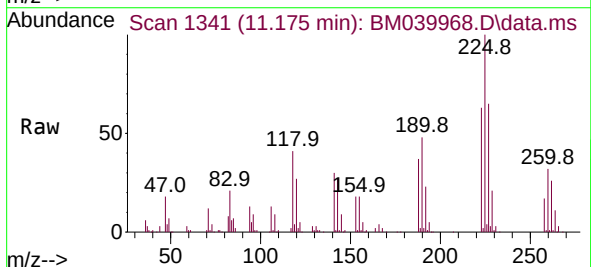
Manual Integrations
APPROVED

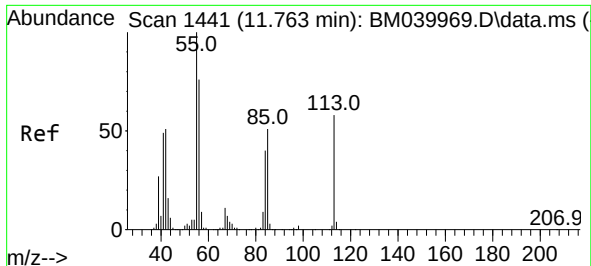
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#34
Hexachlorobutadiene
Concen: 19.620 ng
RT: 11.175 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion:225 Resp: 162544
Ion Ratio Lower Upper
225 100
223 62.6 50.3 75.5
227 65.3 51.0 76.4





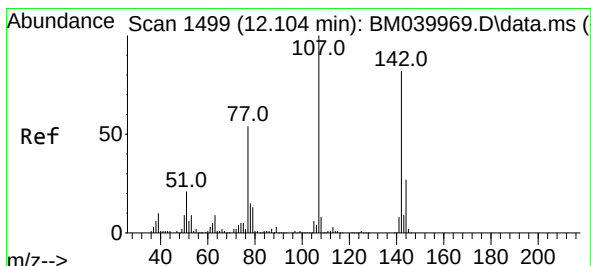
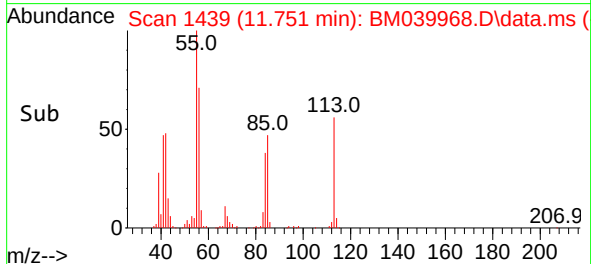
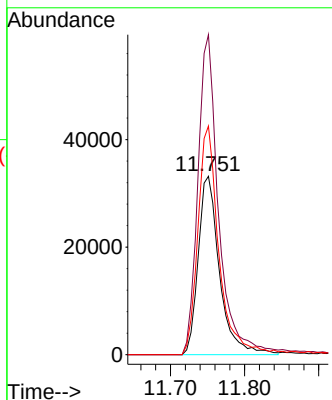
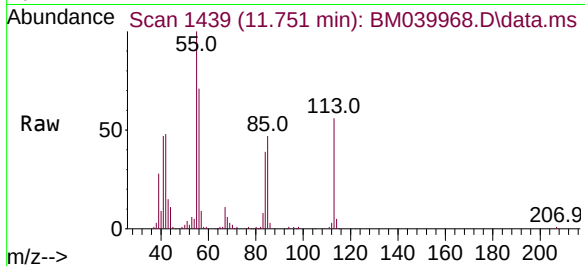
#35
Caprolactam
Concen: 17.440 ng
RT: 11.751 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 66394
Ion Ratio Lower Upper
113 100
55 179.3 152.5 192.5
56 128.1 111.2 151.2

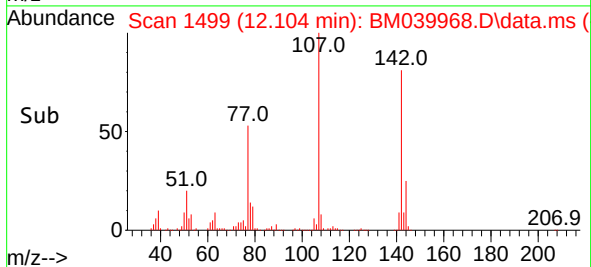
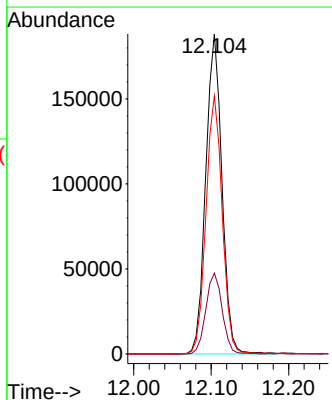
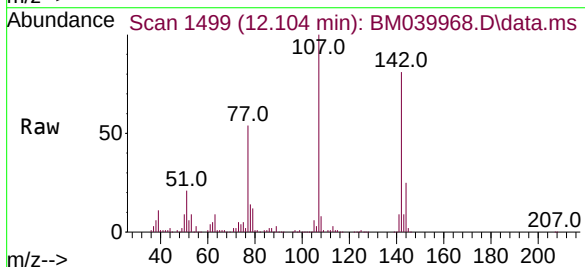
Manual Integrations
APPROVED

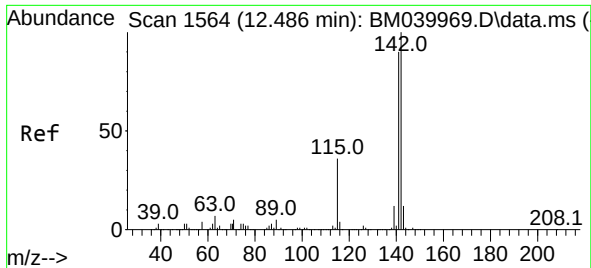
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#36
4-Chloro-3-methylphenol
Concen: 19.628 ng
RT: 12.104 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion:107 Resp: 273512
Ion Ratio Lower Upper
107 100
144 25.2 21.4 32.2
142 80.6 65.8 98.6





#37
2-Methylnaphthalene
Concen: 20.009 ng
RT: 12.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

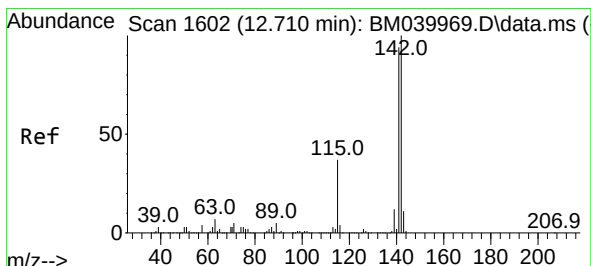
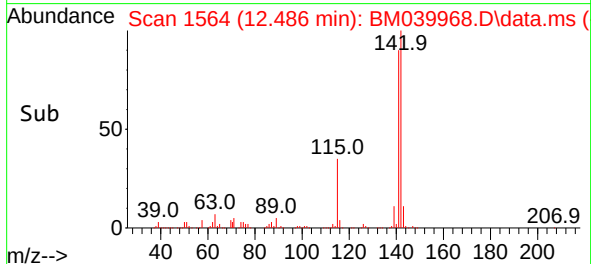
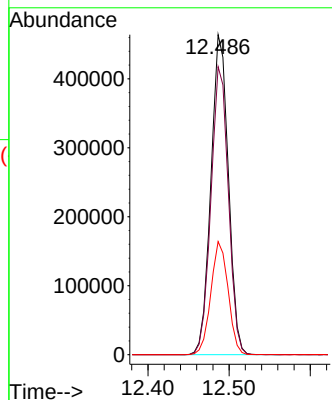
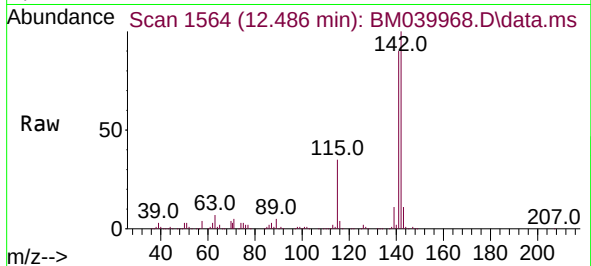
SSTDICC020

Tgt Ion:142 Resp: 691172
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4
115 35.4 28.8 43.2

Manual Integrations

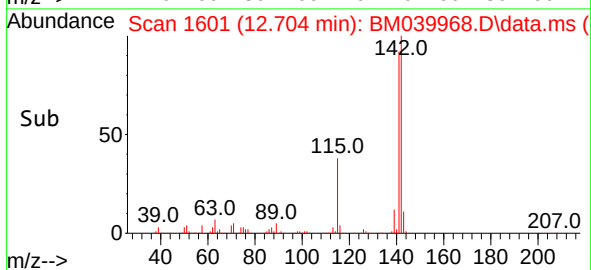
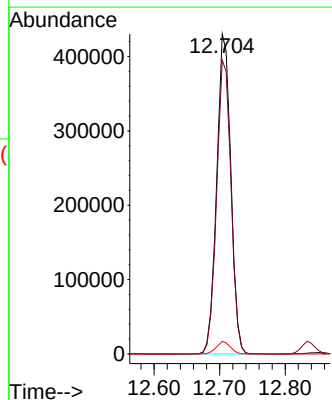
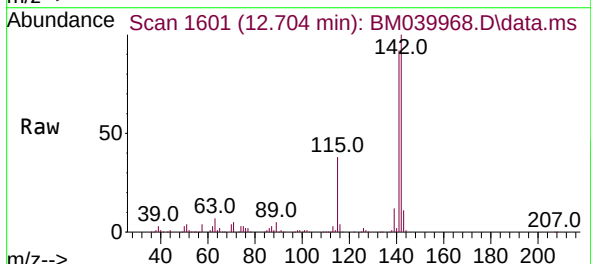
APPROVED

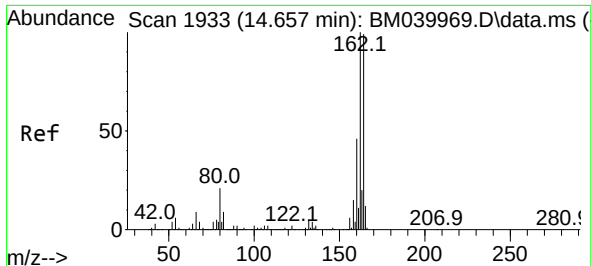
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#38
1-Methylnaphthalene
Concen: 19.862 ng
RT: 12.704 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

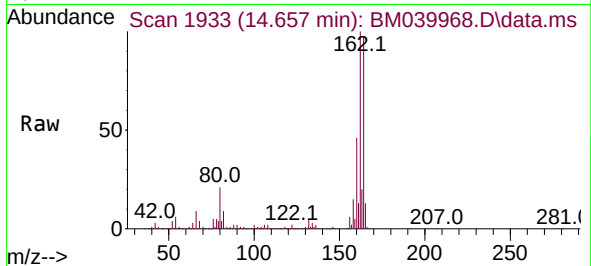
Tgt Ion:142 Resp: 642239
Ion Ratio Lower Upper
142 100
141 91.8 75.1 112.7
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.657 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

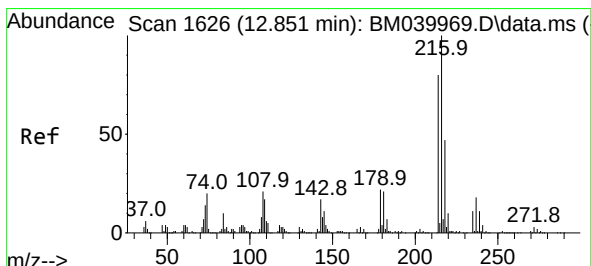
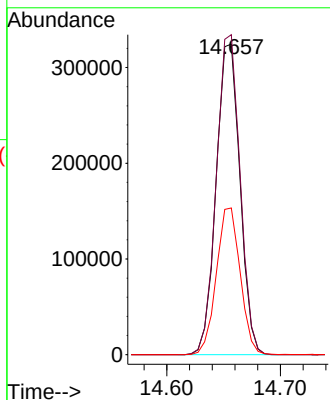
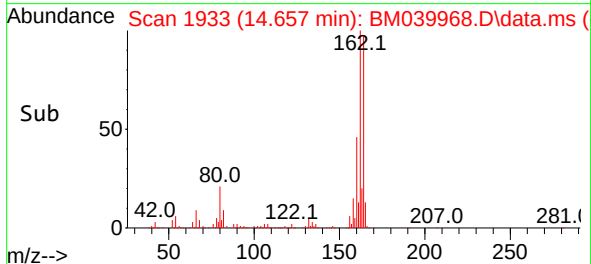
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:164 Resp: 473560
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 47.2 36.7 55.1

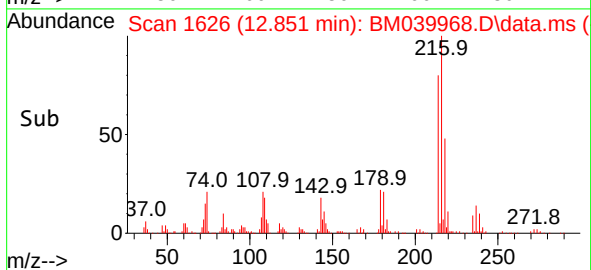
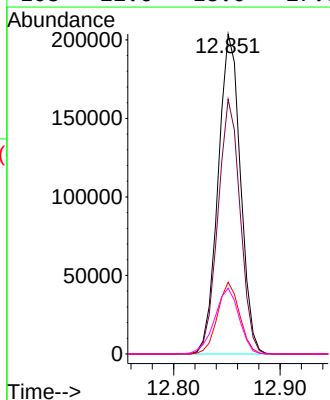
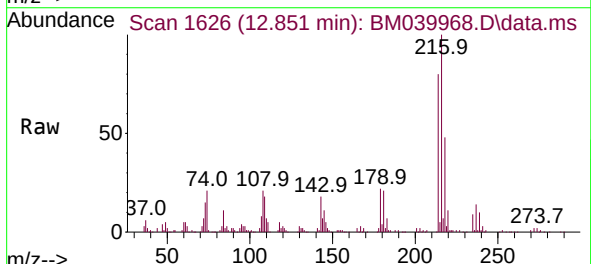
Manual Integrations
APPROVED

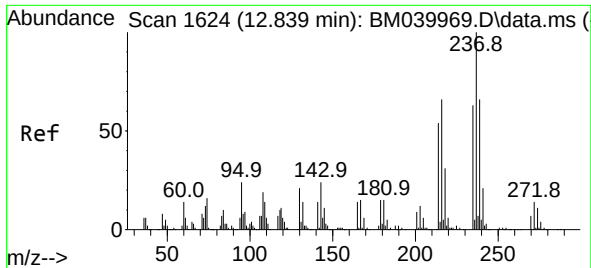
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.804 ng
RT: 12.851 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

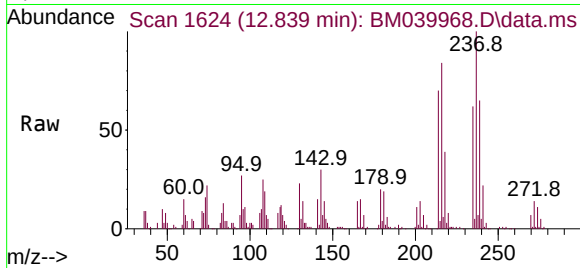
Tgt Ion:216 Resp: 296629
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 22.1 17.4 26.2
108 22.6 18.0 27.0





#41
Hexachlorocyclopentadiene
Concen: 18.791 ng
RT: 12.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

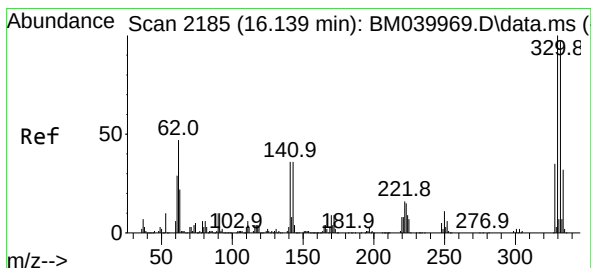
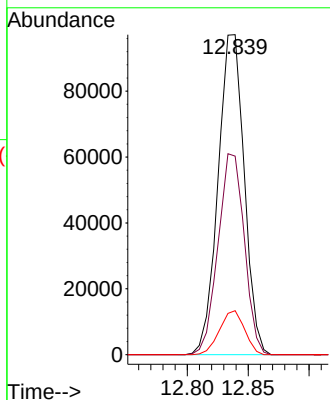
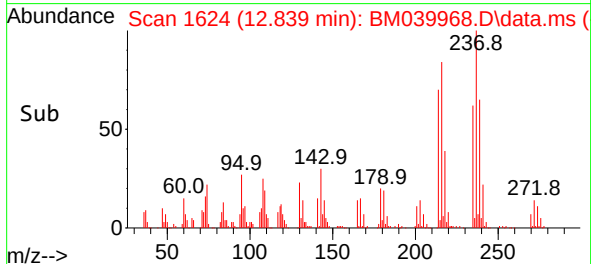
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



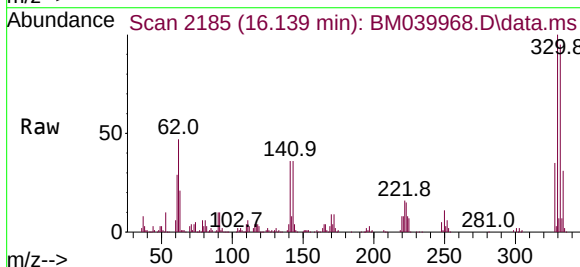
Tgt Ion:237 Resp: 145600
Ion Ratio Lower Upper
237 100
235 62.0 43.2 83.2
272 13.8 0.0 33.6

Manual Integrations
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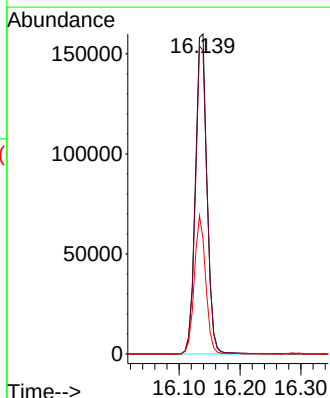
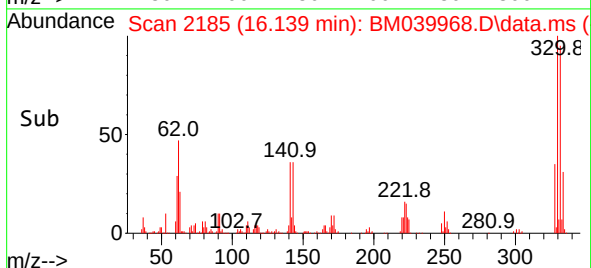
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

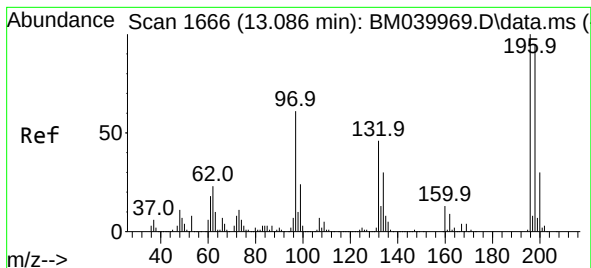


#42
2,4,6-Tribromophenol
Concen: 34.532 ng
RT: 16.139 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



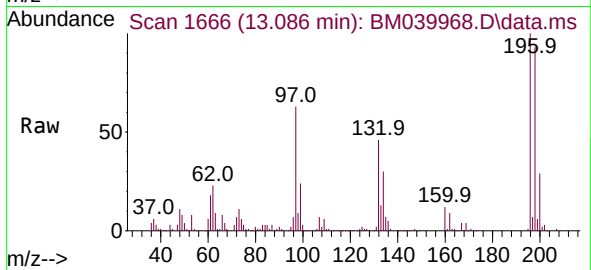
Tgt Ion:330 Resp: 212251
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 42.3 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 19.641 ng
RT: 13.086 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

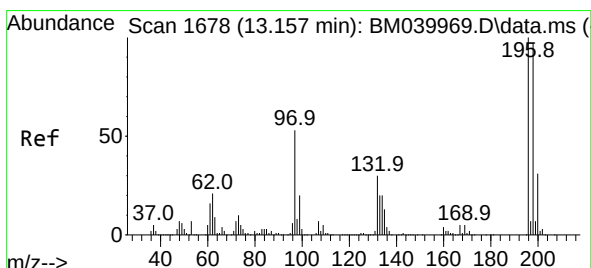
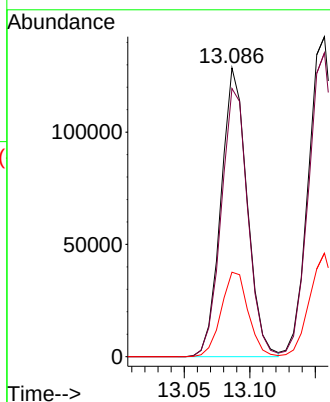
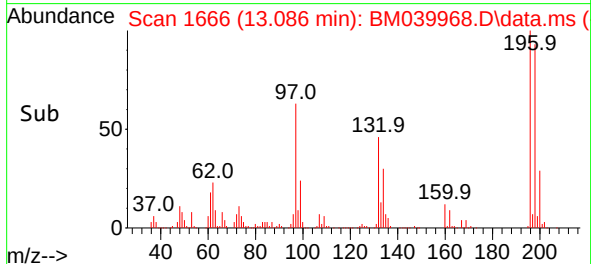
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



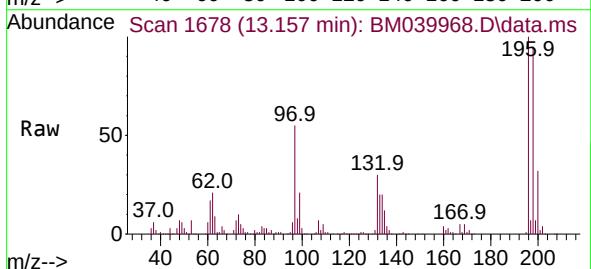
Tgt Ion:196 Resp: 178564
Ion Ratio Lower Upper
196 100
198 92.9 75.7 113.5
200 29.2 23.8 35.8

Manual Integrations
APPROVED

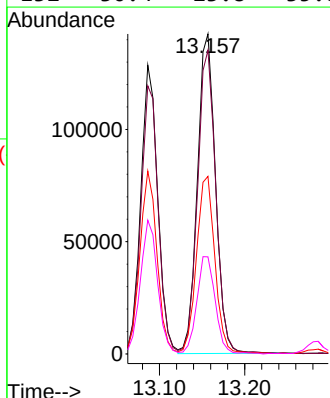
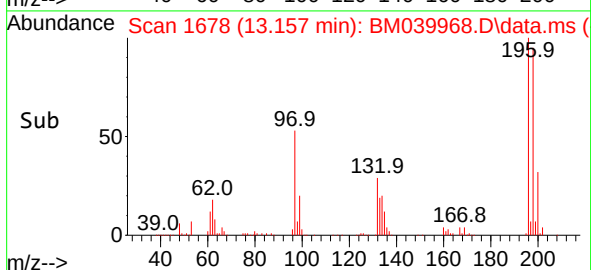
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

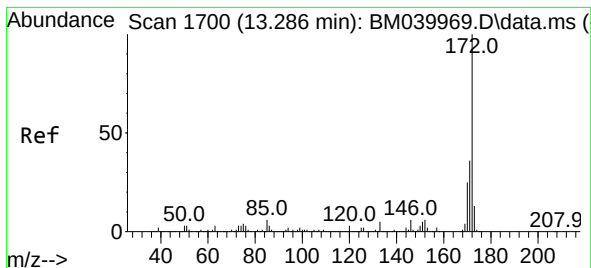


#44
2,4,5-Trichlorophenol
Concen: 19.447 ng
RT: 13.157 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



Tgt Ion:196 Resp: 210429
Ion Ratio Lower Upper
196 100
198 95.0 77.2 115.8
97 55.5 42.2 63.2
132 30.4 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 40.307 ng

RT: 13.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 161832

Ion Ratio Lower Upper

172 100

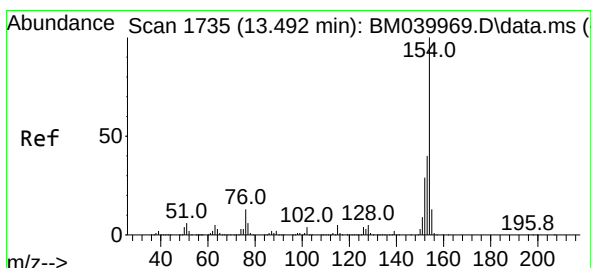
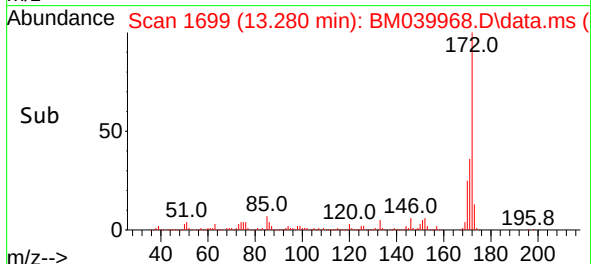
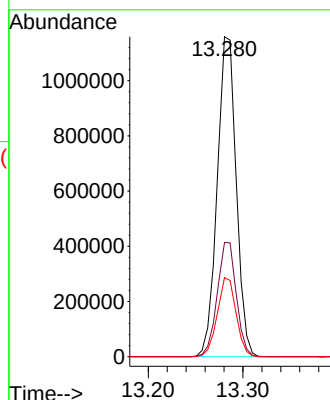
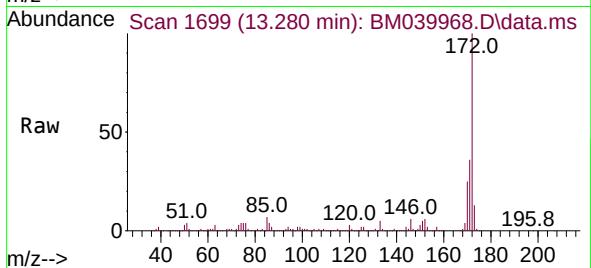
171 35.7 28.8 43.2

170 24.7 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#46

1,1'-Biphenyl

Concen: 20.263 ng

RT: 13.492 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

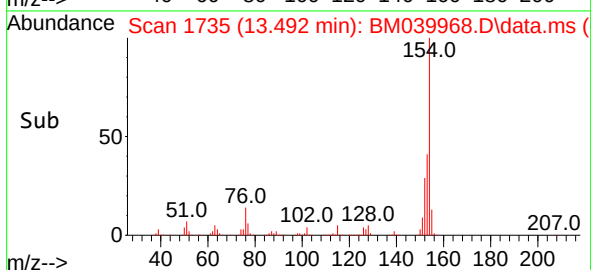
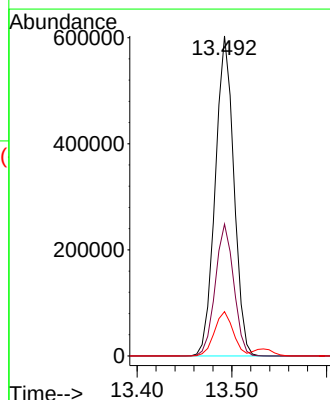
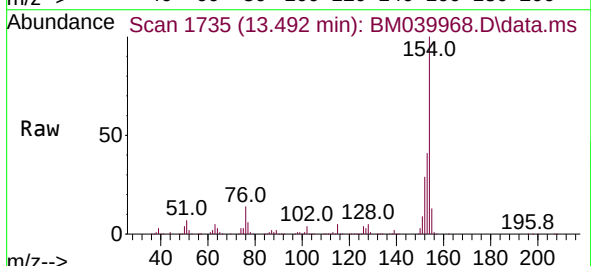
Tgt Ion:154 Resp: 821533

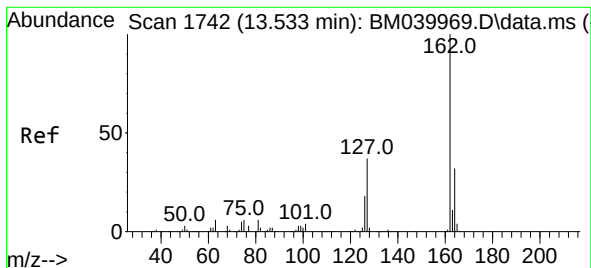
Ion Ratio Lower Upper

154 100

153 41.2 20.4 60.4

76 13.9 0.0 33.1





#47
2-Chloronaphthalene
Concen: 20.249 ng
RT: 13.533 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

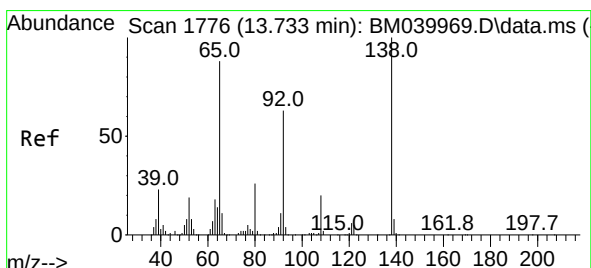
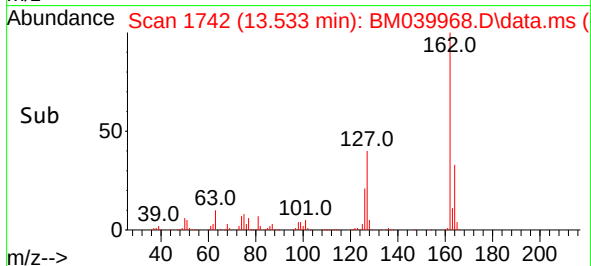
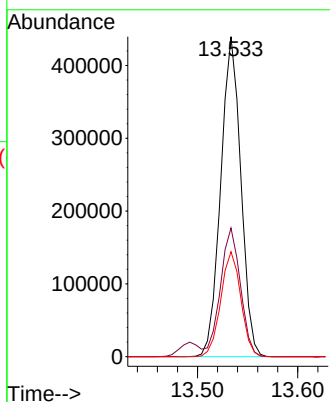
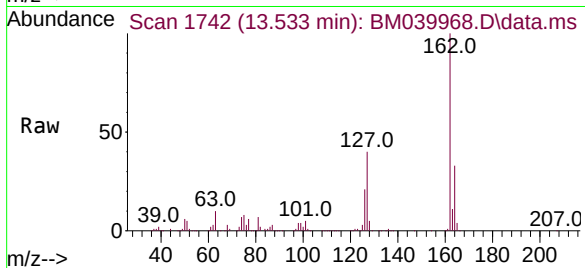
SSTDICC020

Tgt Ion:162 Resp: 612818
Ion Ratio Lower Upper
162 100
127 40.2 31.3 46.9
164 32.8 25.8 38.8

Manual Integrations

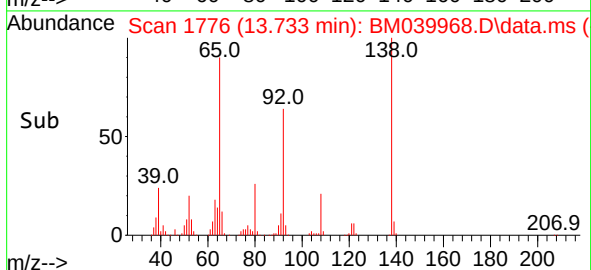
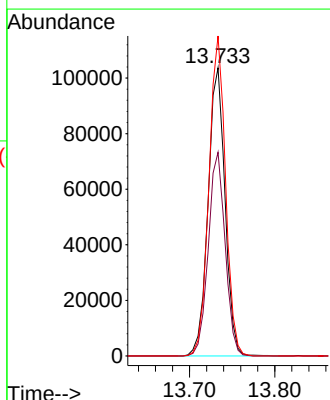
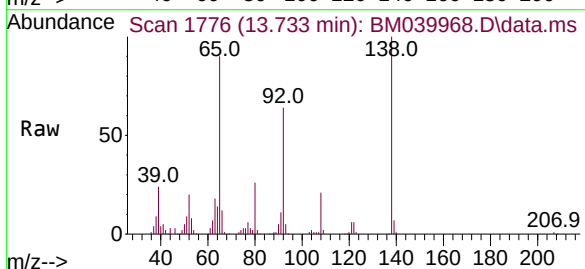
APPROVED

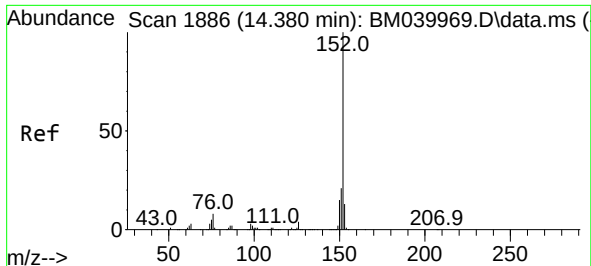
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#48
2-Nitroaniline
Concen: 19.146 ng
RT: 13.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

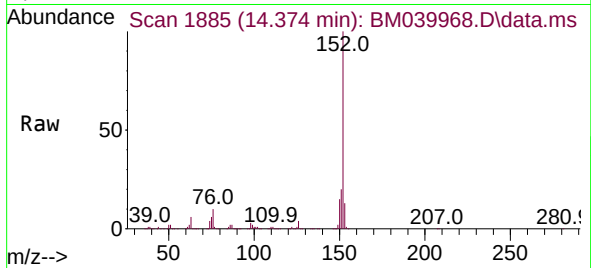
Tgt Ion: 65 Resp: 143471
Ion Ratio Lower Upper
65 100
92 70.7 57.0 85.6
138 111.0 91.1 136.7





#49
Acenaphthylene
Concen: 20.331 ng
RT: 14.374 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

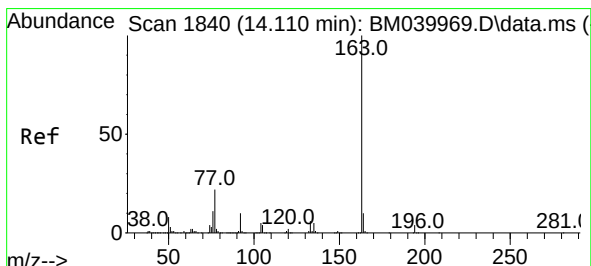
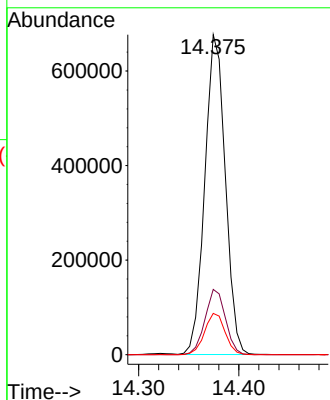
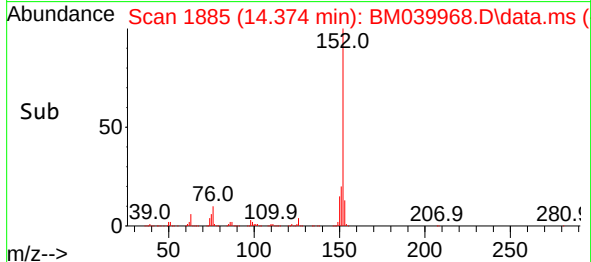
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



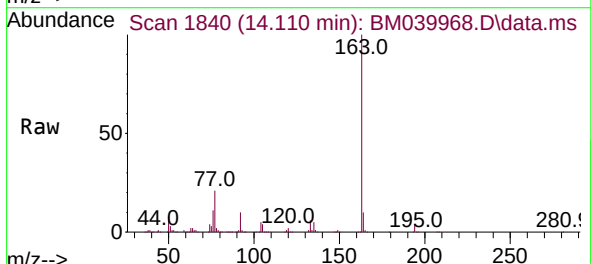
Tgt Ion:152 Resp: 96325
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 12.9 10.3 15.5

Manual Integrations
APPROVED

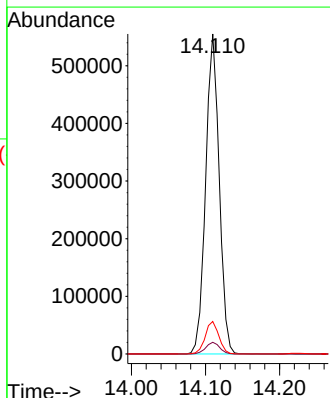
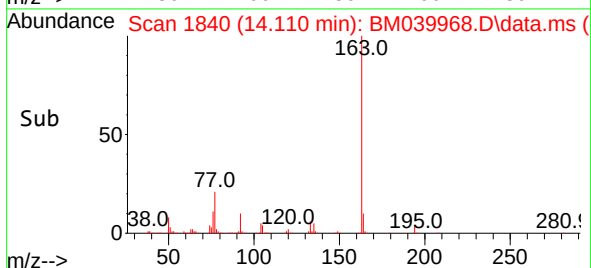
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

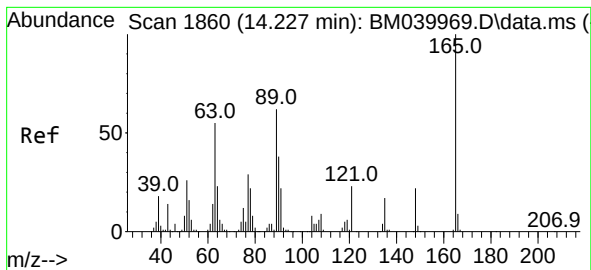


#50
Dimethylphthalate
Concen: 19.754 ng
RT: 14.110 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



Tgt Ion:163 Resp: 705202
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 8.2 12.2





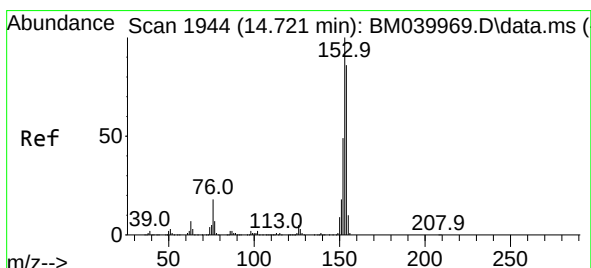
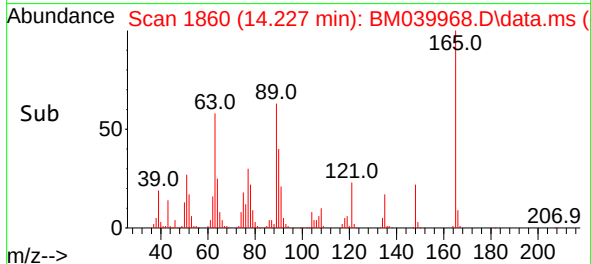
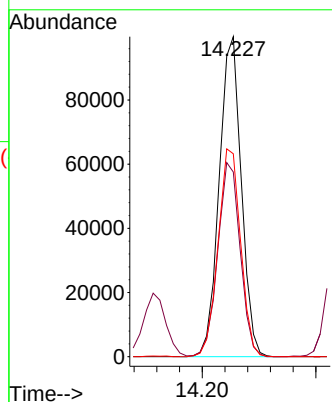
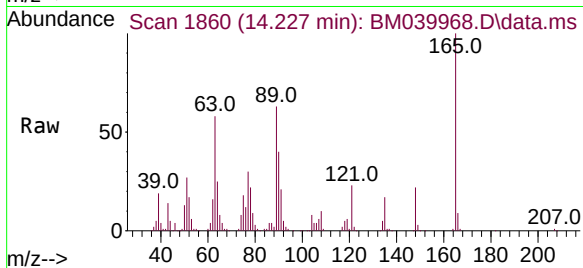
#51
2,6-Dinitrotoluene
Concen: 19.685 ng
RT: 14.227 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 134430
Ion Ratio Lower Upper
165 100
63 57.7 45.3 67.9
89 63.4 49.5 74.3

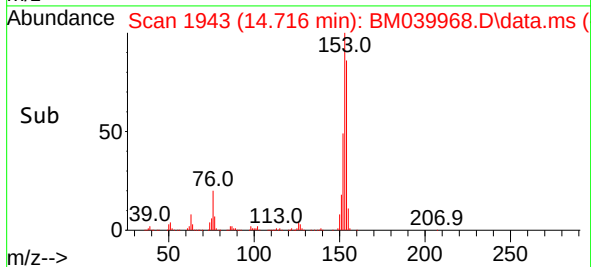
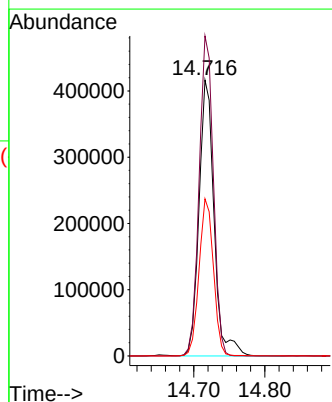
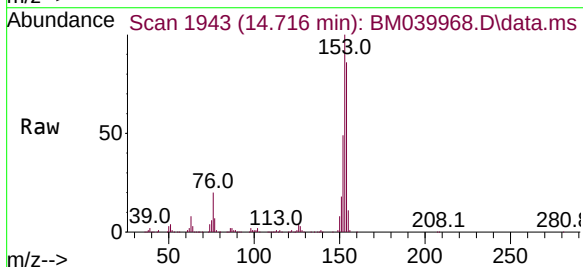
Manual Integrations
APPROVED

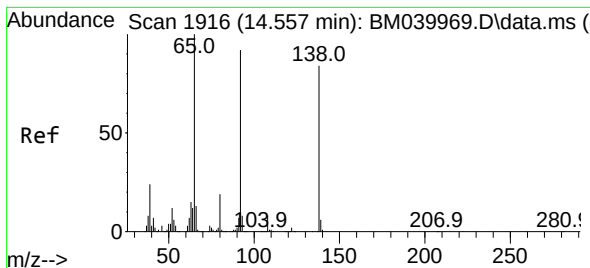
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#52
Acenaphthene
Concen: 19.853 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

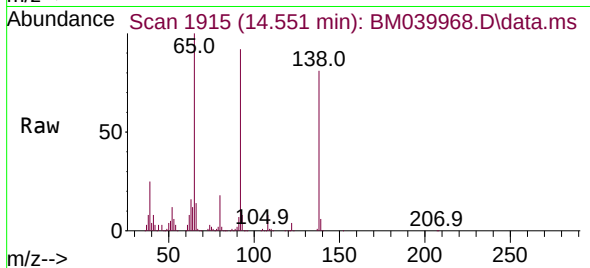
Tgt Ion:154 Resp: 614577
Ion Ratio Lower Upper
154 100
153 116.0 92.6 139.0
152 56.9 45.5 68.3





#53
3-Nitroaniline
Concen: 19.587 ng
RT: 14.551 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

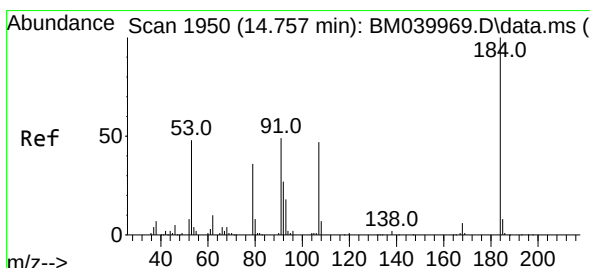
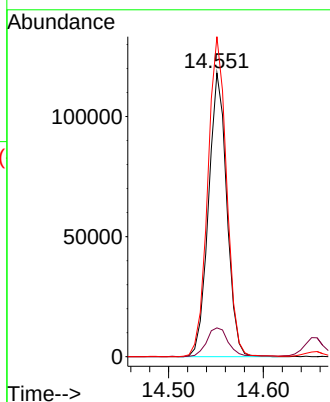
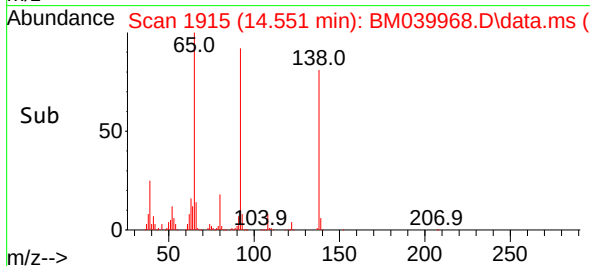
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



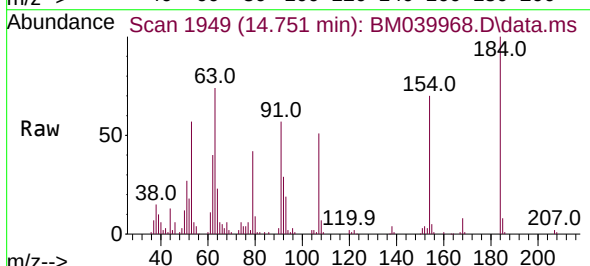
Tgt Ion:138 Resp: 15824
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 112.8 87.7 131.5

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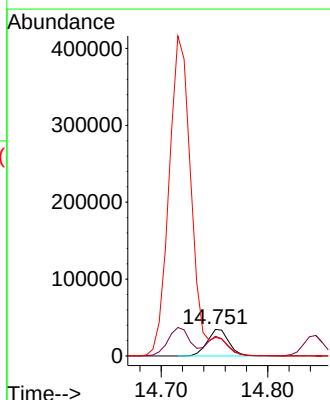
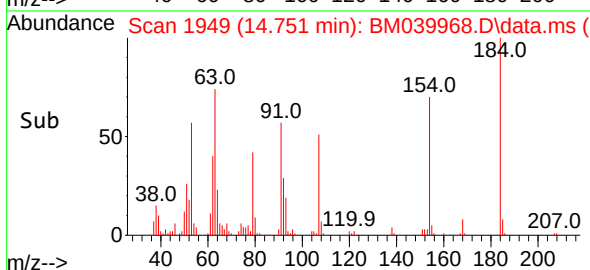
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

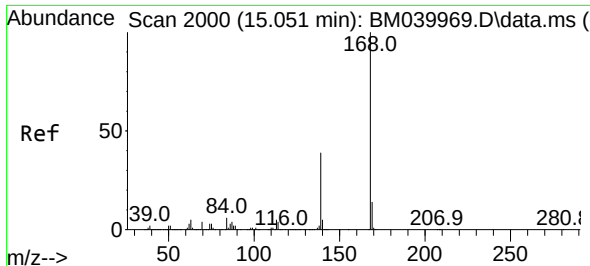


#54
2,4-Dinitrophenol
Concen: 19.587 ng
RT: 14.751 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



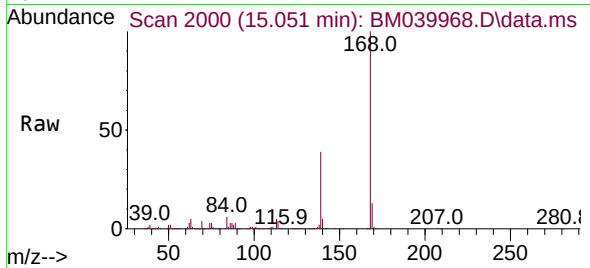
Tgt Ion:184 Resp: 48786
Ion Ratio Lower Upper
184 100
63 73.7 53.0 79.4
154 69.6 54.4 81.6





#55
Dibenzofuran
Concen: 20.134 ng
RT: 15.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

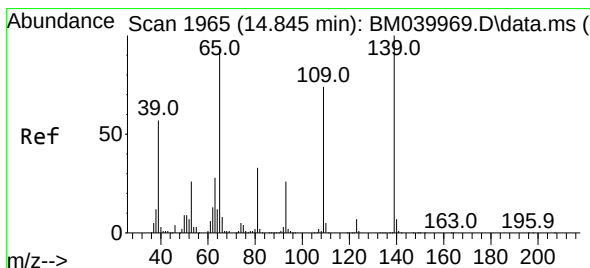
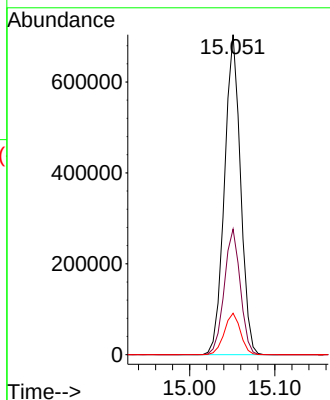
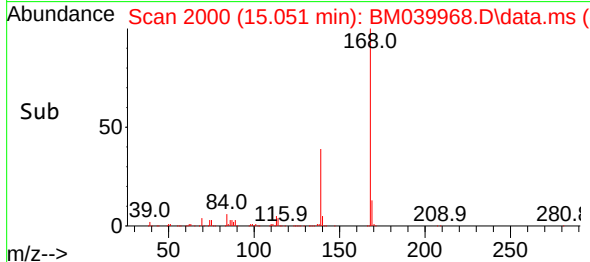
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



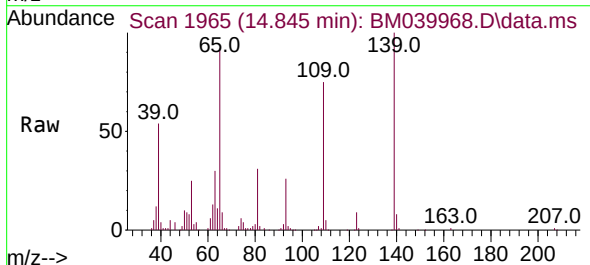
Tgt Ion:168 Resp: 920111
Ion Ratio Lower Upper
168 100
139 39.2 31.5 47.3
169 13.0 10.9 16.3

Manual Integrations
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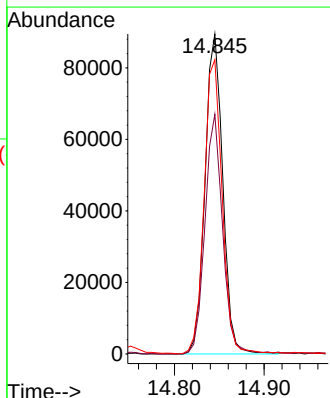
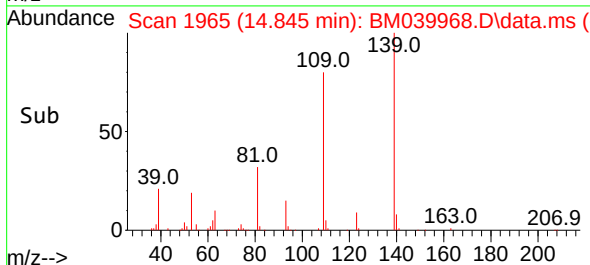
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

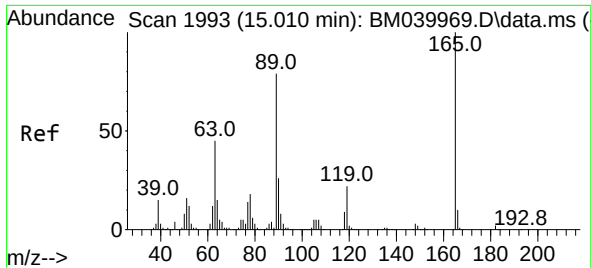


#56
4-Nitrophenol
Concen: 19.598 ng
RT: 14.845 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



Tgt Ion:139 Resp: 122479
Ion Ratio Lower Upper
139 100
109 74.9 53.9 93.9
65 91.9 72.6 112.6





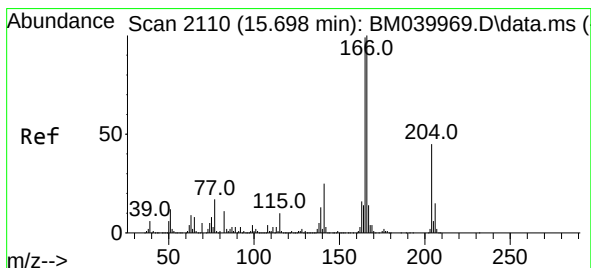
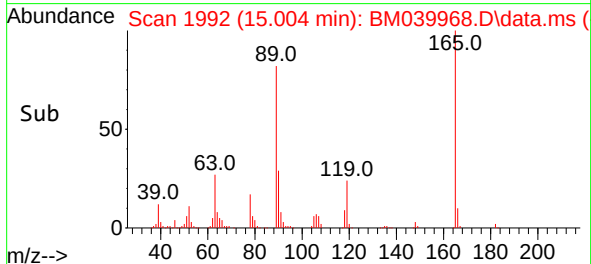
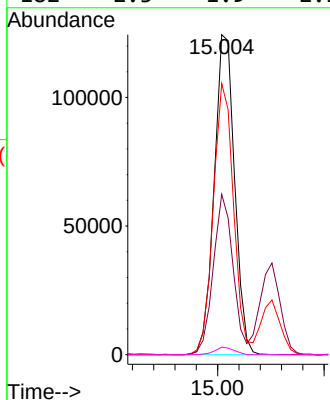
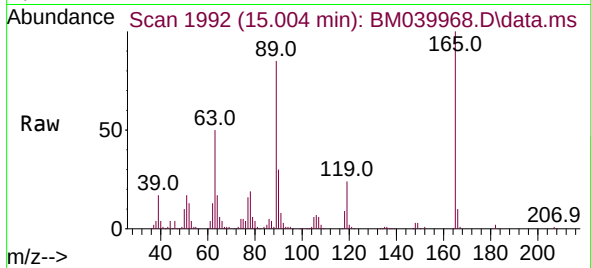
#57
2,4-Dinitrotoluene
Concen: 19.251 ng
RT: 15.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 16535
Ion Ratio Lower Upper
165 100
63 50.1 36.2 54.2
89 84.8 63.4 95.0
182 2.3 1.9 2.9

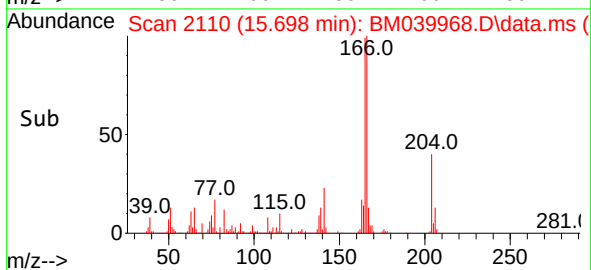
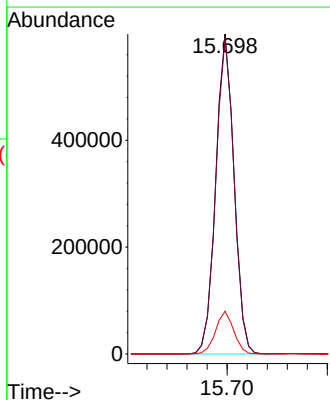
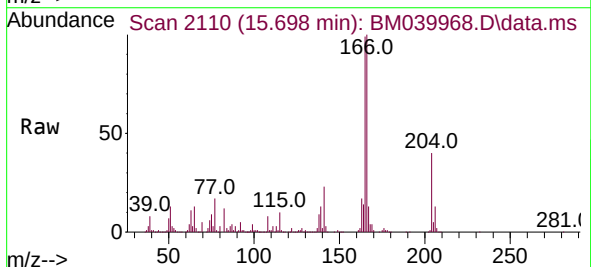
Manual Integrations
APPROVED

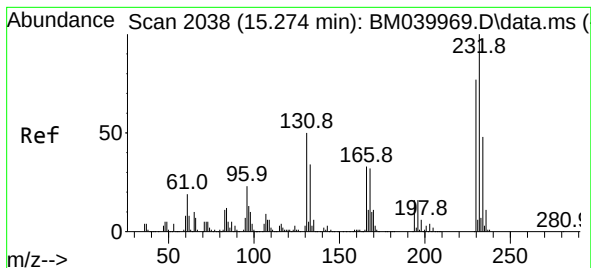
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#58
Fluorene
Concen: 19.923 ng
RT: 15.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

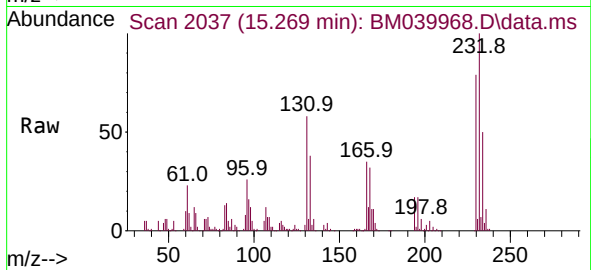
Tgt Ion:166 Resp: 756832
Ion Ratio Lower Upper
166 100
165 98.7 79.5 119.3
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.875 ng
RT: 15.269 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

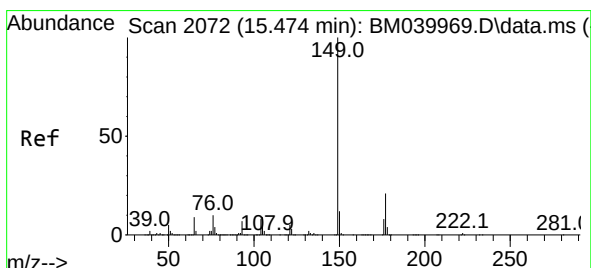
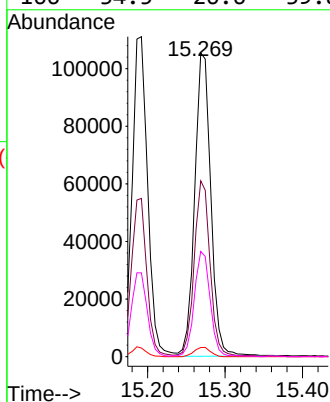
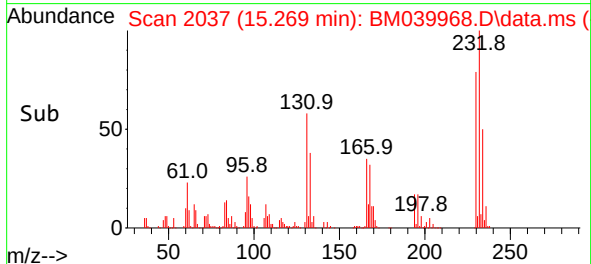
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 15189
Ion Ratio Lower Upper
232 100
131 56.3 42.8 64.2
130 3.1 2.3 3.5
166 34.5 26.6 39.8

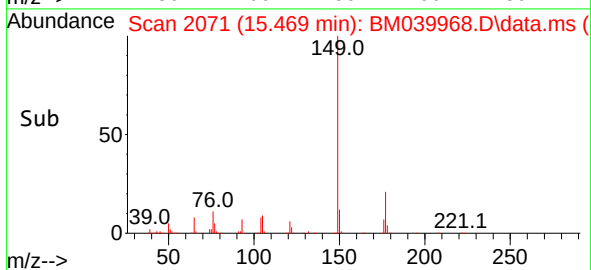
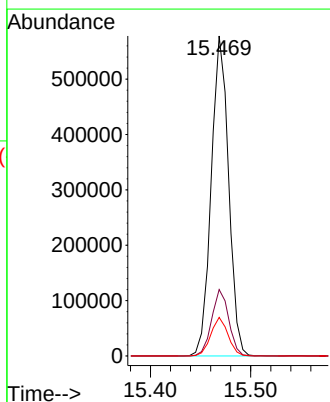
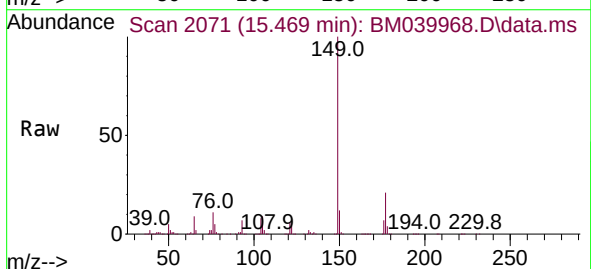
Manual Integrations
APPROVED

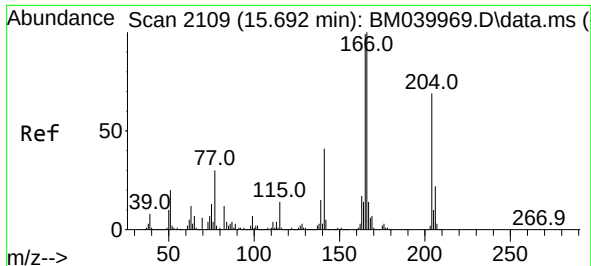
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#60
Diethylphthalate
Concen: 19.693 ng
RT: 15.469 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

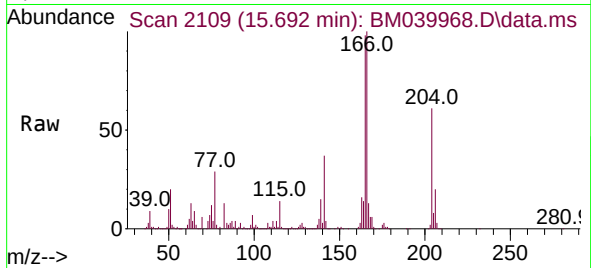
Tgt Ion:149 Resp: 694880
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.0 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 19.090 ng
RT: 15.692 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

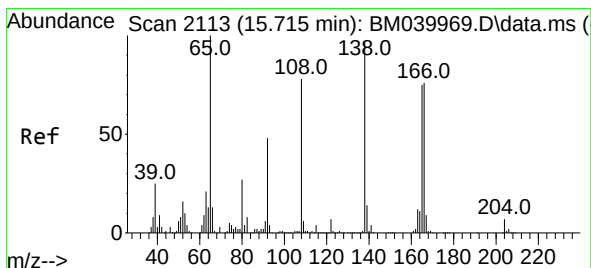
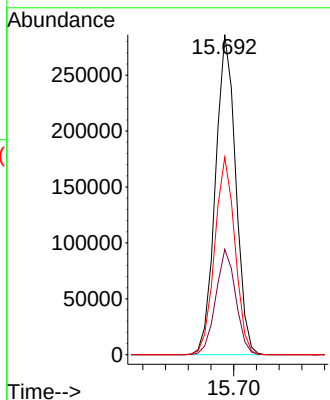
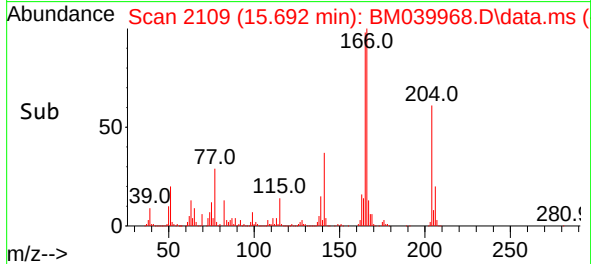
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 35481
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 61.7 46.9 70.3

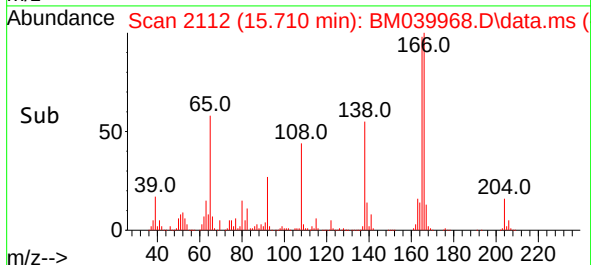
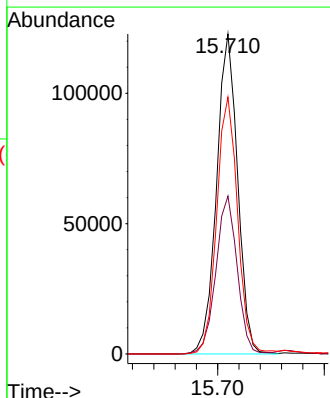
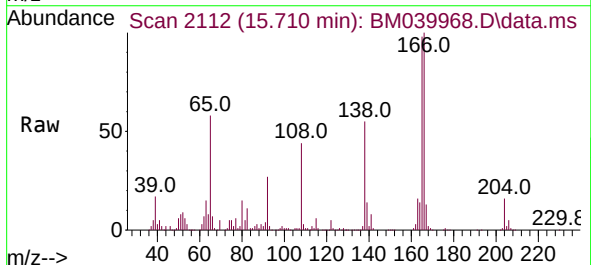
Manual Integrations
APPROVED

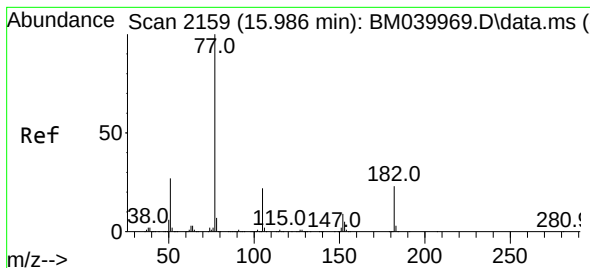
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#62
4-Nitroaniline
Concen: 20.001 ng
RT: 15.710 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

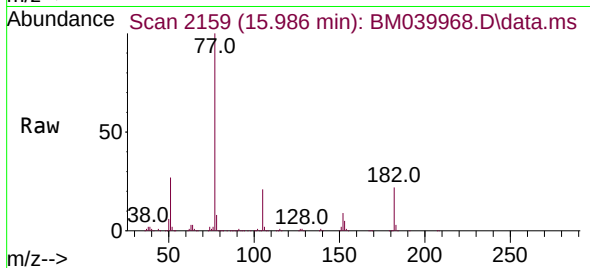
Tgt Ion:138 Resp: 168279
Ion Ratio Lower Upper
138 100
92 49.4 29.1 69.1
108 80.2 60.0 100.0





#63
Azobenzene
Concen: 21.072 ng
RT: 15.986 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

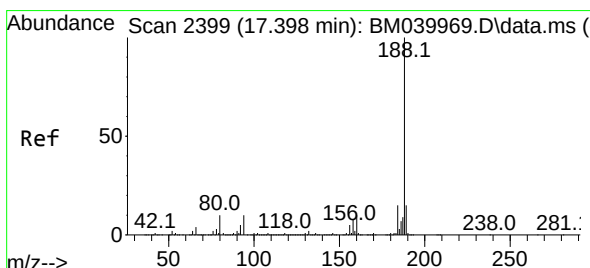
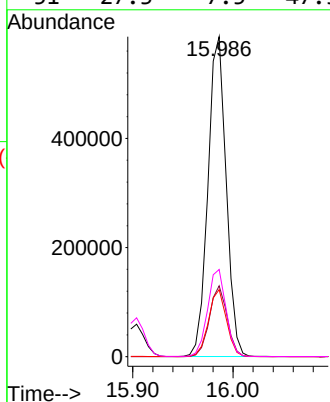
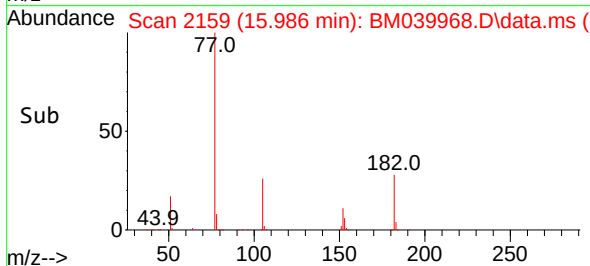
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



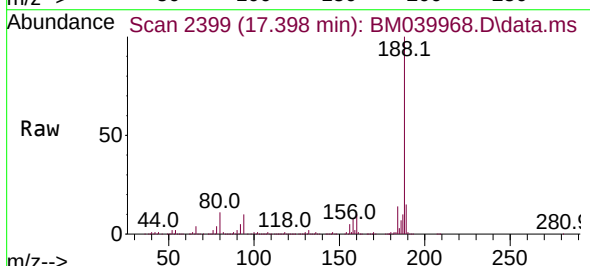
Tgt Ion: 77	Resp: 741329
Ion Ratio	Lower Upper
77 100	
182 22.2	2.9 42.9
105 21.0	1.5 41.5
51 27.3	7.5 47.5

Manual Integrations
APPROVED

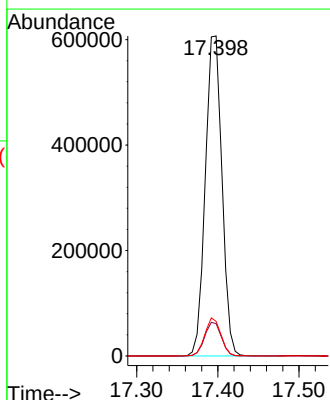
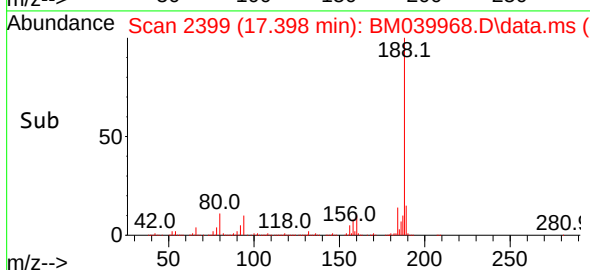
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

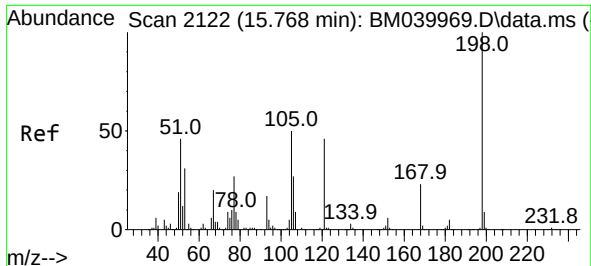


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.398 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



Tgt Ion:188	Resp: 862748
Ion Ratio	Lower Upper
188 100	
94 10.1	7.8 11.8
80 10.8	8.2 12.4





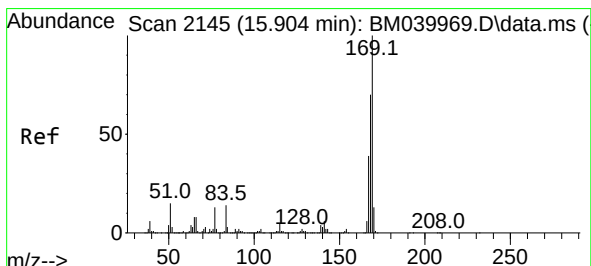
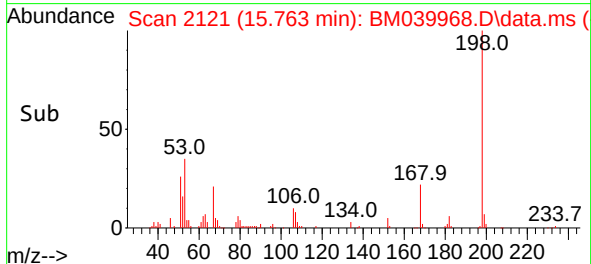
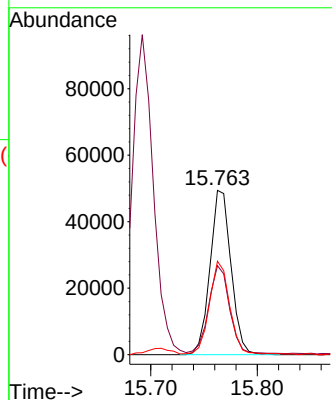
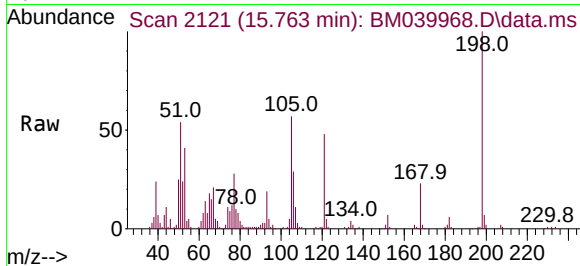
#65
4,6-Dinitro-2-methylphenol
Concen: 19.782 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 67864
Ion Ratio Lower Upper
198 100
51 54.2 29.9 69.9
105 56.9 30.4 70.4

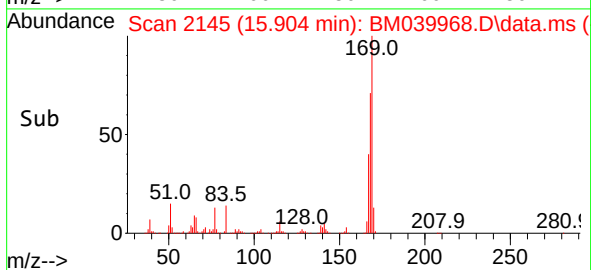
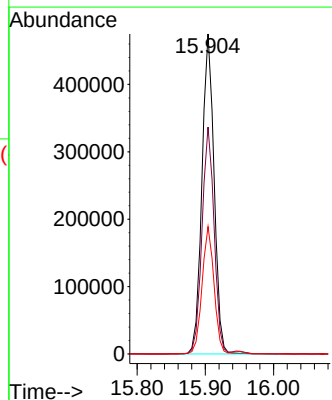
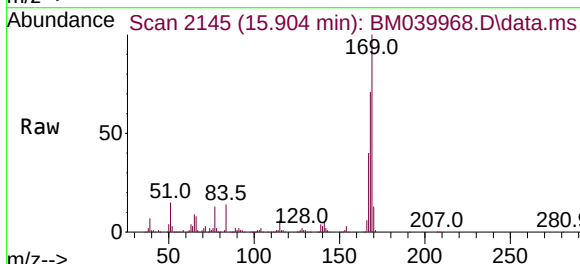
Manual Integrations
APPROVED

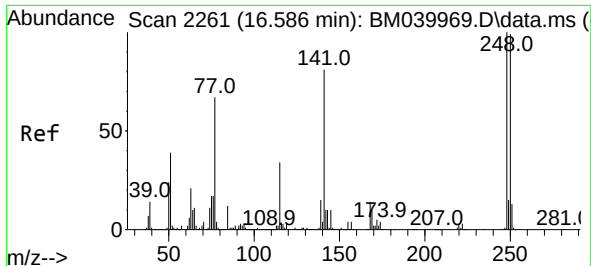
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#66
n-Nitrosodiphenylamine
Concen: 19.800 ng
RT: 15.904 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

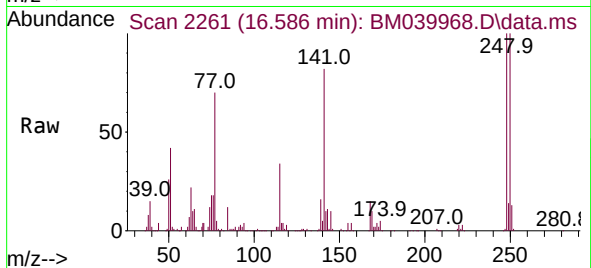
Tgt Ion:169 Resp: 587455
Ion Ratio Lower Upper
169 100
168 70.9 56.0 84.0
167 39.8 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 18.967 ng
RT: 16.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

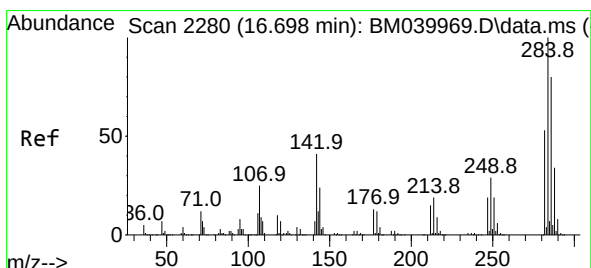
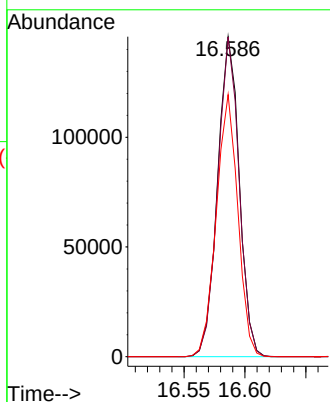
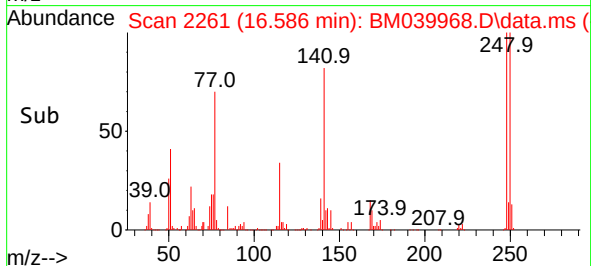
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



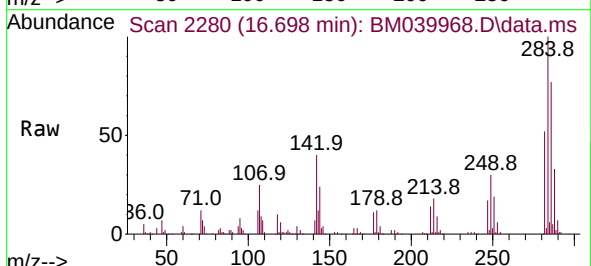
Tgt Ion:248 Resp: 18081
Ion Ratio Lower Upper
248 100
250 99.9 79.4 119.0
141 81.9 64.8 97.2

Manual Integrations
APPROVED

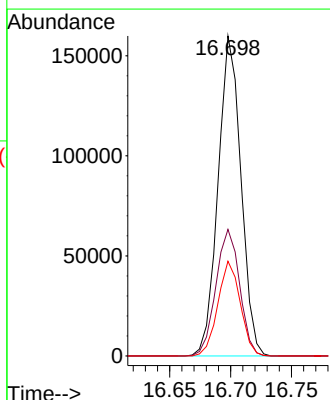
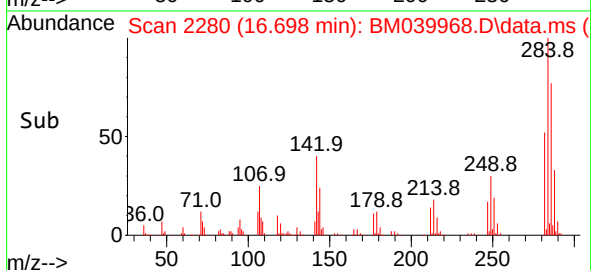
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

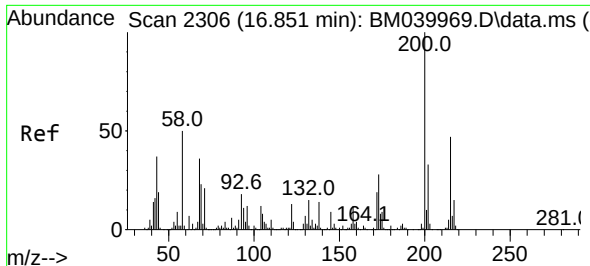


#68
Hexachlorobenzene
Concen: 19.168 ng
RT: 16.698 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49



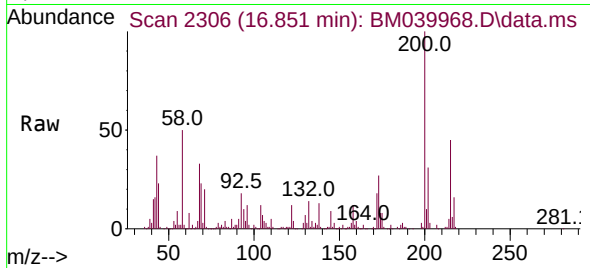
Tgt Ion:284 Resp: 208812
Ion Ratio Lower Upper
284 100
142 39.5 32.4 48.6
249 29.6 23.4 35.2





#69
 Atrazine
 Concen: 19.717 ng
 RT: 16.851 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039968.D
 Acq: 23 May 2023 11:49

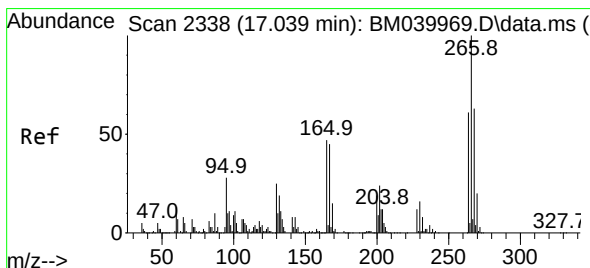
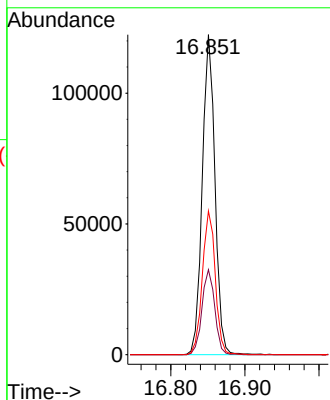
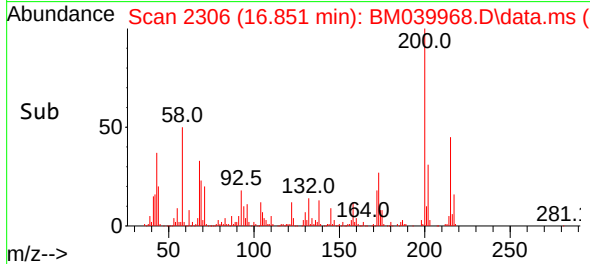
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020



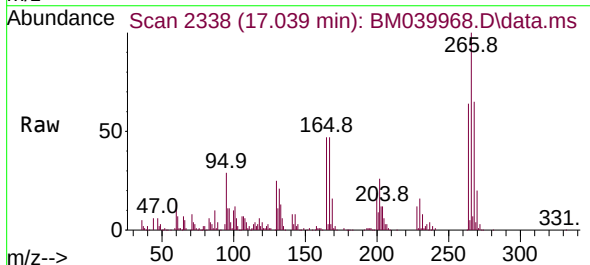
Tgt Ion:200 Resp: 145510
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.7 47.7
 215 44.9 27.5 67.5

Manual Integrations
 APPROVED

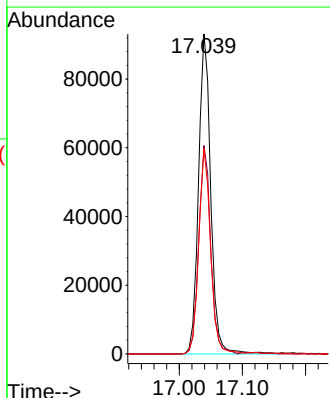
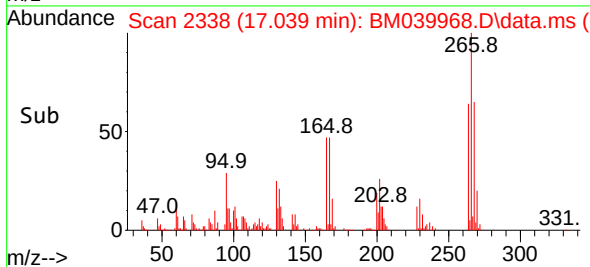
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

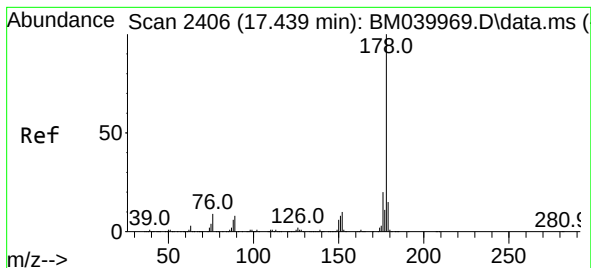


#70
 Pentachlorophenol
 Concen: 17.507 ng
 RT: 17.039 min Scan# 2338
 Delta R.T. 0.000 min
 Lab File: BM039968.D
 Acq: 23 May 2023 11:49



Tgt Ion:266 Resp: 125200
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.2 75.4
 264 64.1 49.0 73.6





#71

Phenanthrene

Concen: 19.829 ng

RT: 17.439 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:178 Resp: 102325

Ion Ratio Lower Upper

178 100

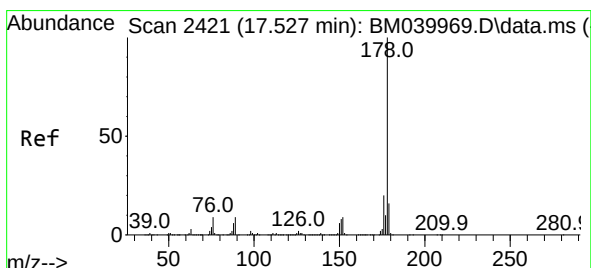
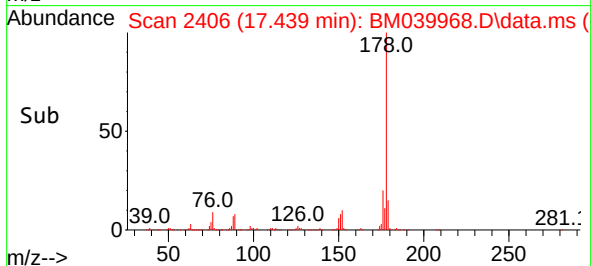
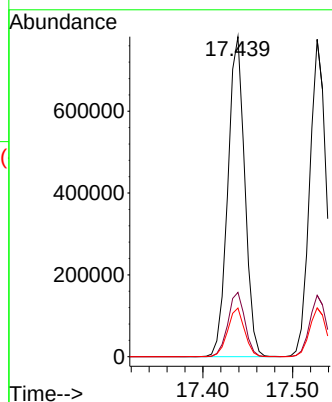
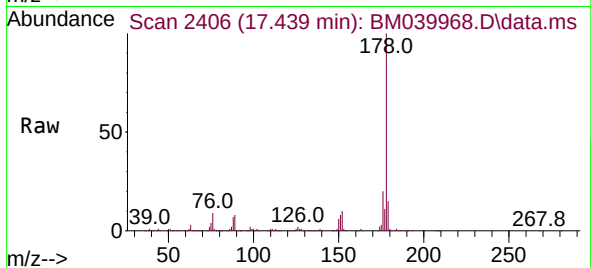
176 20.1 16.2 24.2

179 15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#72

Anthracene

Concen: 19.621 ng

RT: 17.527 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

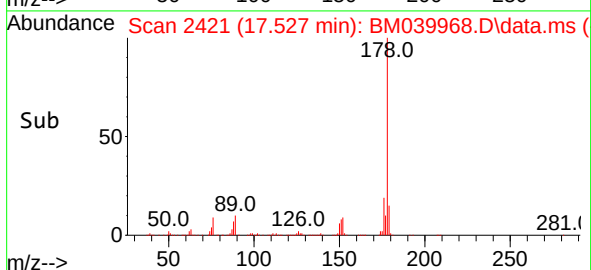
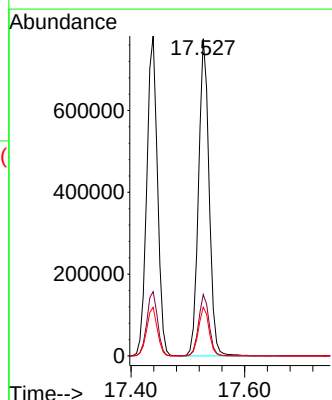
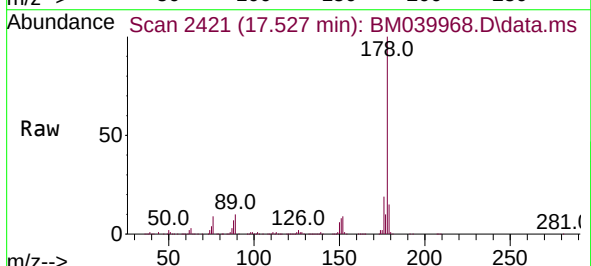
Tgt Ion:178 Resp: 1003235

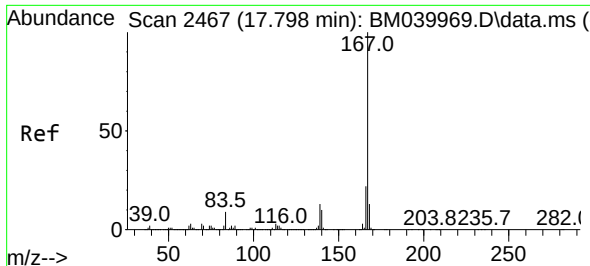
Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

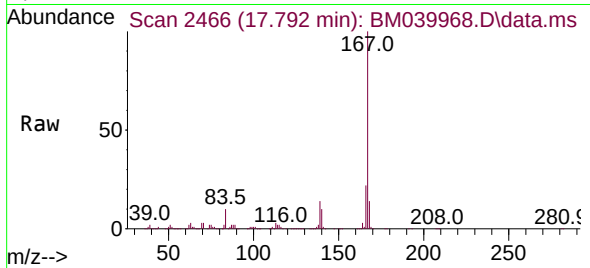
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 19.637 ng
 RT: 17.792 min Scan# 2466
 Delta R.T. -0.006 min
 Lab File: BM039968.D
 Acq: 23 May 2023 11:49

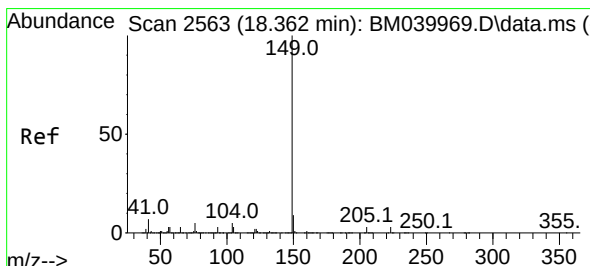
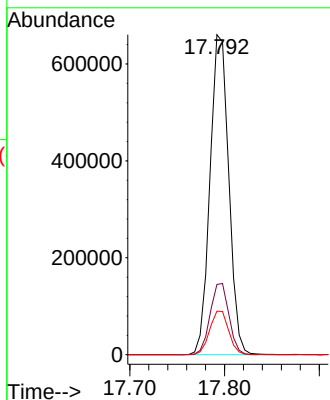
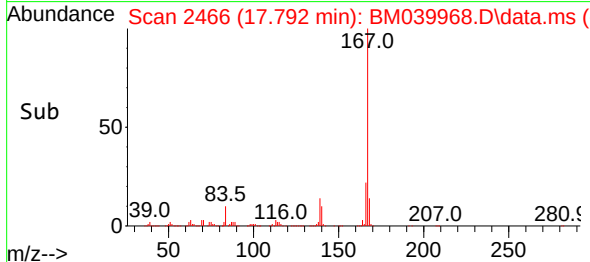
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020



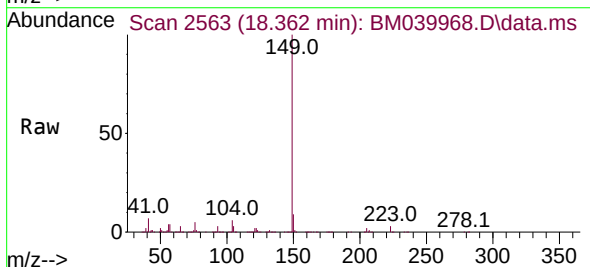
Tgt Ion:167 Resp: 907114
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.6 10.8 16.2

Manual Integrations
 APPROVED

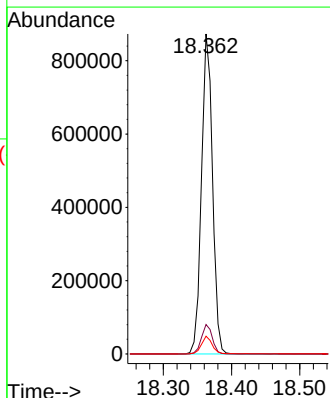
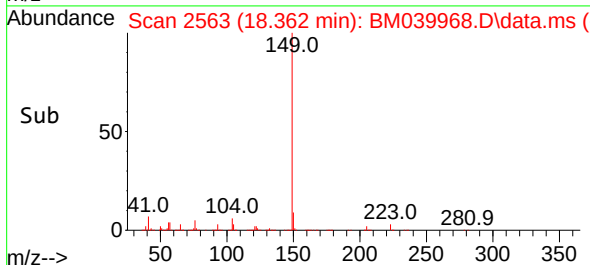
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

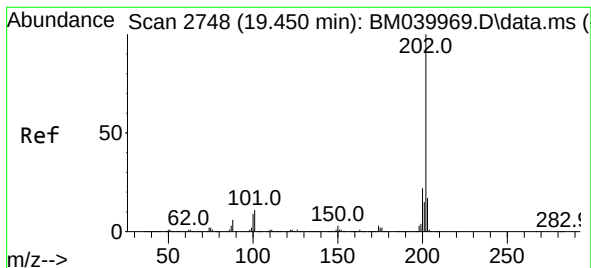


#74
 Di-n-butylphthalate
 Concen: 19.013 ng
 RT: 18.362 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BM039968.D
 Acq: 23 May 2023 11:49



Tgt Ion:149 Resp: 981486
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 19.047 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:202 Resp: 979639

Ion Ratio Lower Upper

202 100

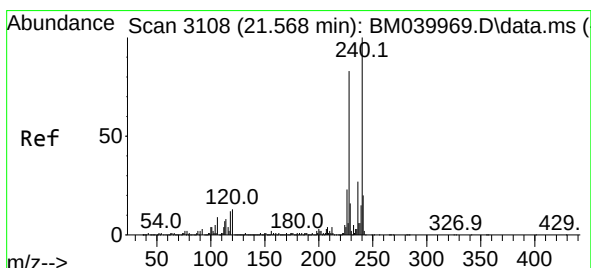
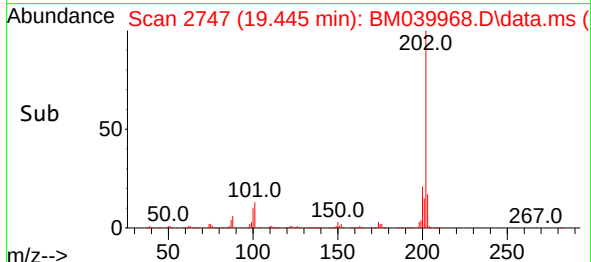
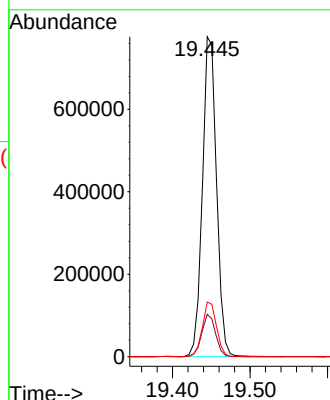
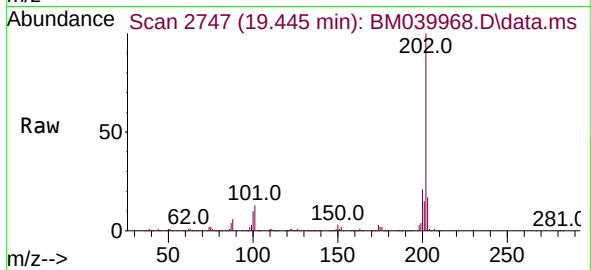
101 13.3 0.0 31.3

203 17.1 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

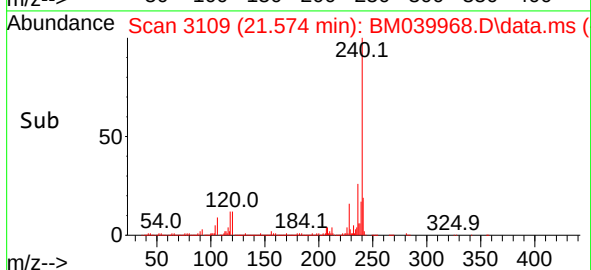
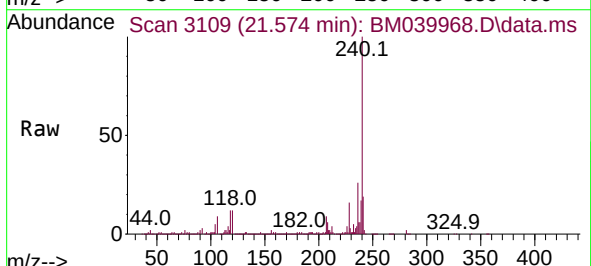
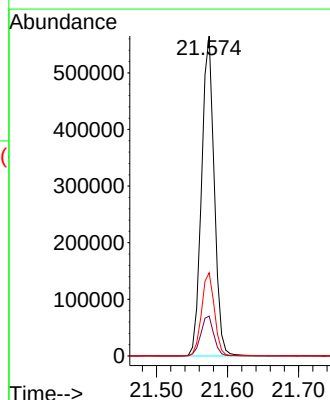
Tgt Ion:240 Resp: 702337

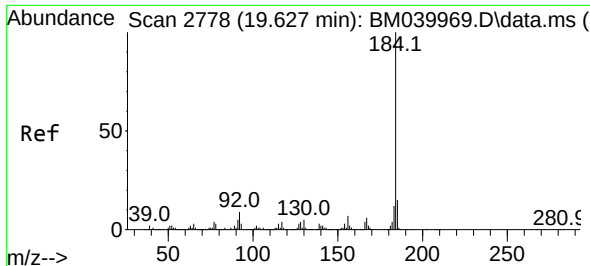
Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

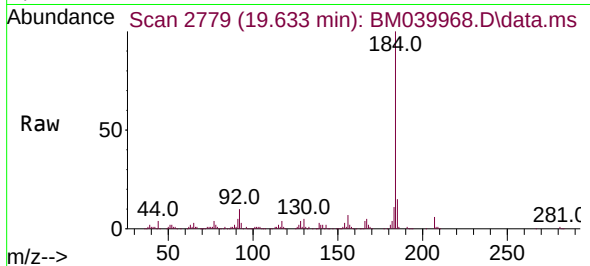
236 26.0 21.3 31.9





#77
Benzidine
Concen: 22.483 ng
RT: 19.633 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

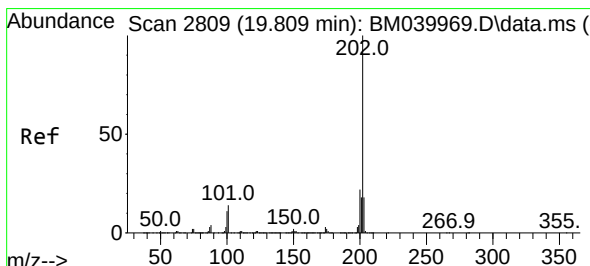
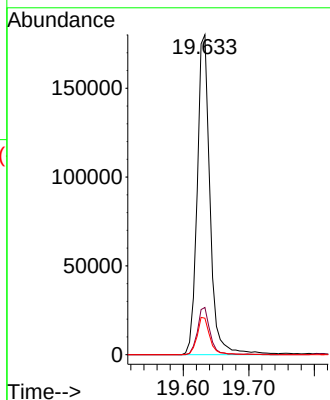
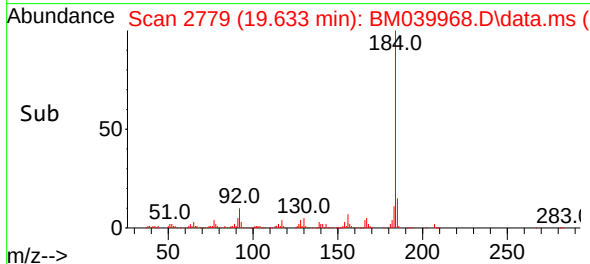
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 24521
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.4 9.2 13.8

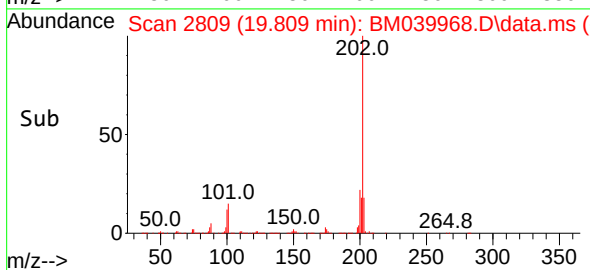
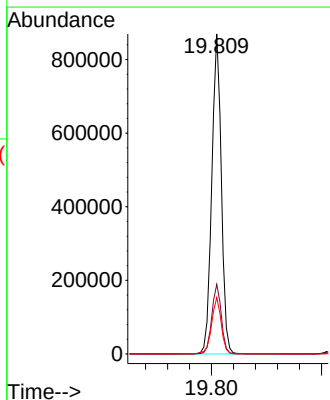
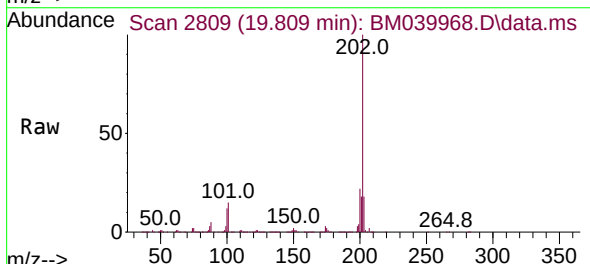
Manual Integrations
APPROVED

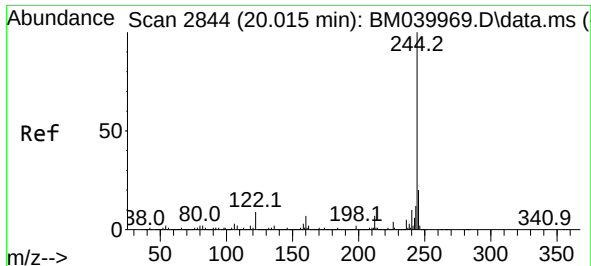
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#78
Pyrene
Concen: 20.296 ng
RT: 19.809 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion:202 Resp: 1045987
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.6 14.1 21.1





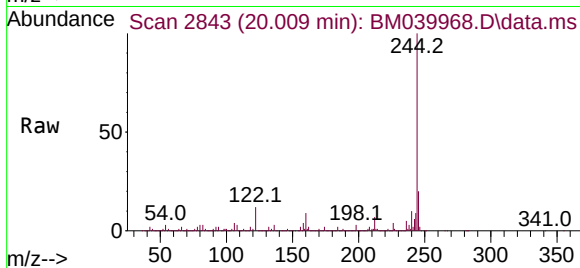
#79
 Terphenyl-d14
 Concen: 41.353 ng
 RT: 20.009 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BM039968.D
 Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

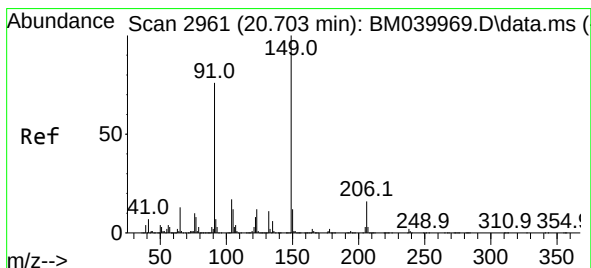
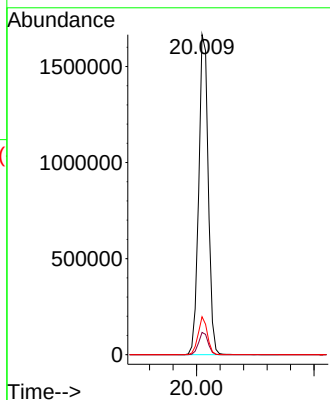
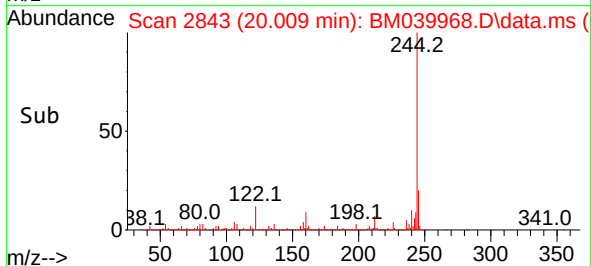


Tgt Ion:244 Resp: 1870512
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.9 7.1 10.7

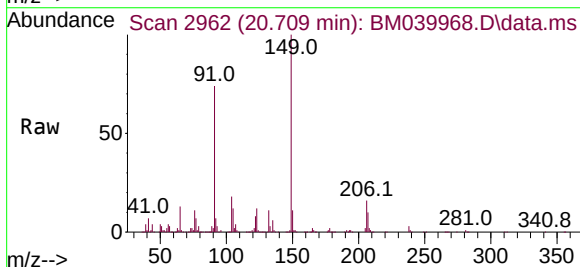
Manual Integrations

APPROVED

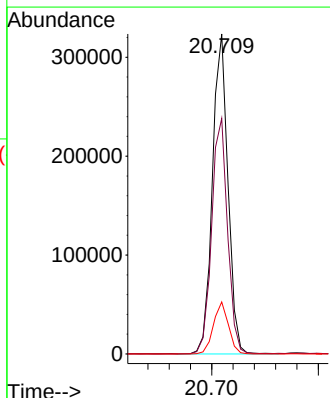
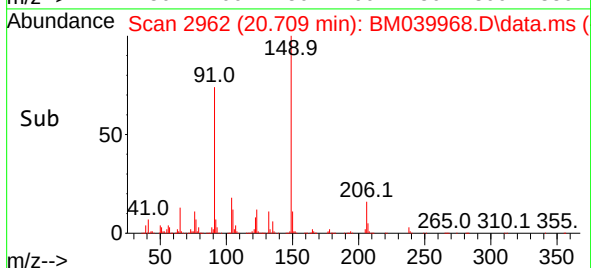
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

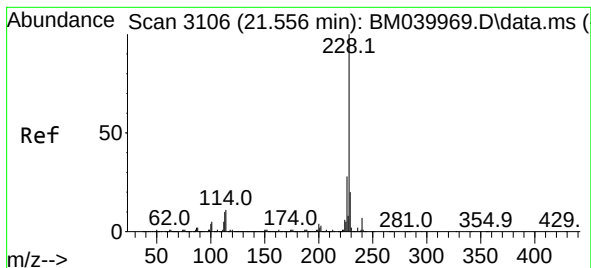


#80
 Butylbenzylphthalate
 Concen: 18.675 ng
 RT: 20.709 min Scan# 2962
 Delta R.T. 0.006 min
 Lab File: BM039968.D
 Acq: 23 May 2023 11:49



Tgt Ion:149 Resp: 326237
 Ion Ratio Lower Upper
 149 100
 91 73.6 61.0 91.4
 206 16.3 12.7 19.1





#81

Benzo(a)anthracene

Concen: 19.457 ng

RT: 21.556 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

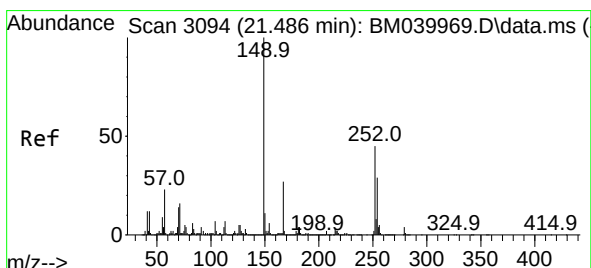
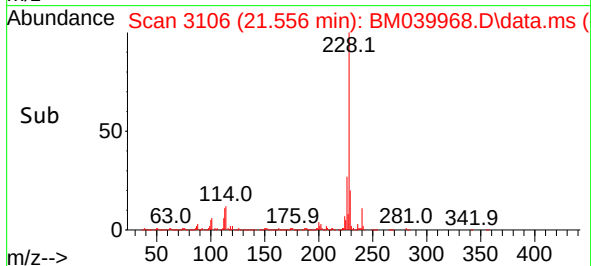
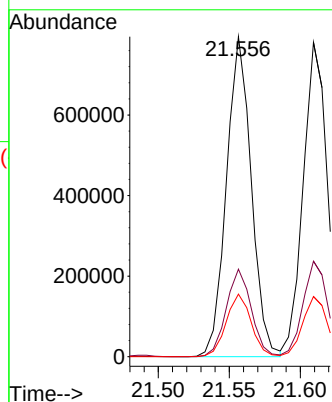
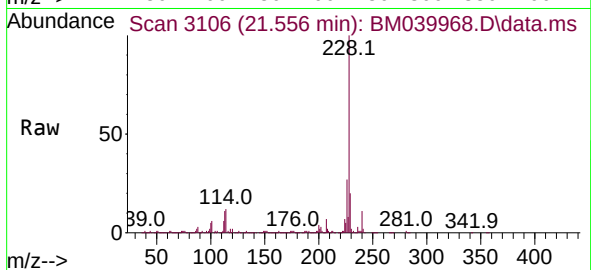
SSTDICC020

Tgt Ion:228 Resp: 967372
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.2 33.4
 229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 17.626 ng

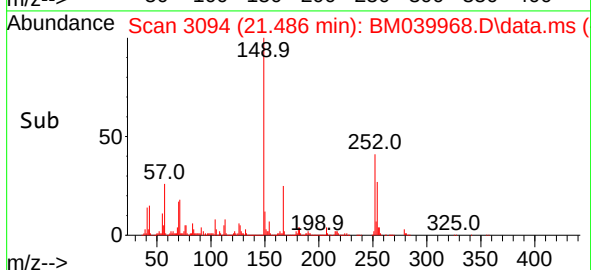
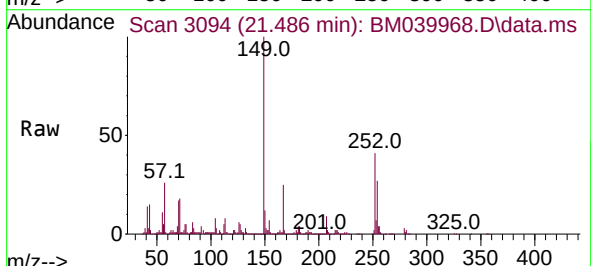
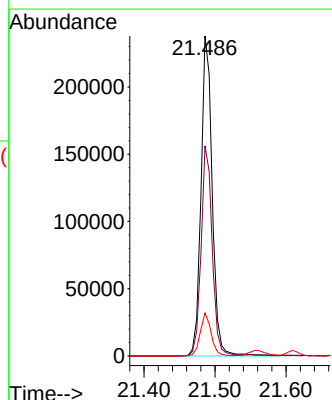
RT: 21.486 min Scan# 3094

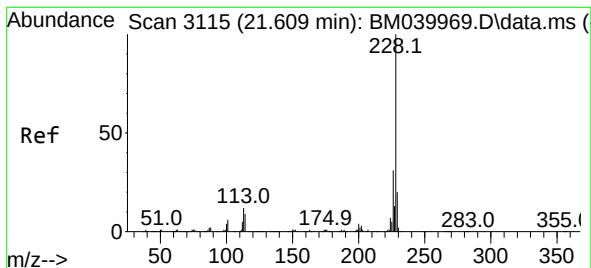
Delta R.T. -0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Tgt Ion:252 Resp: 261781
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.8 77.6
 126 13.4 8.7 13.1#





#83

Chrysene

Concen: 19.566 ng

RT: 21.609 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

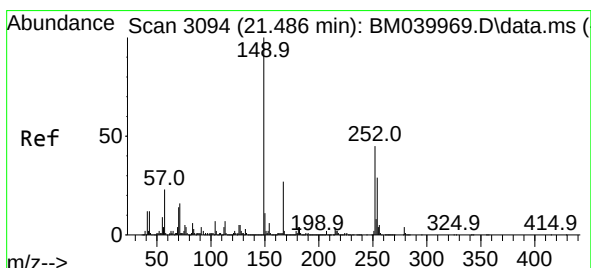
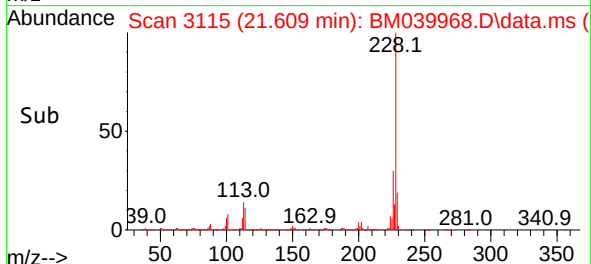
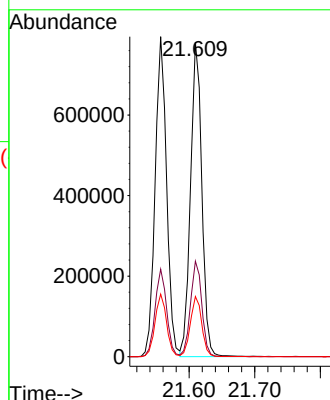
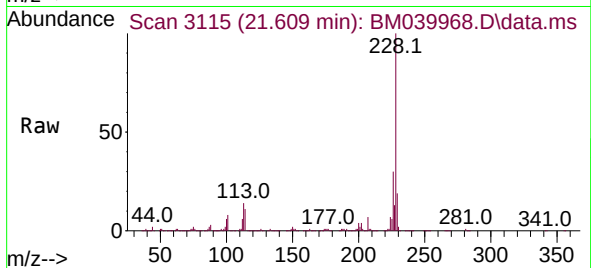
Tgt Ion:228 Resp: 933390

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.872 ng

RT: 21.486 min Scan# 3094

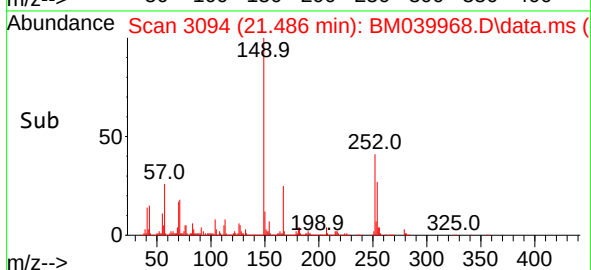
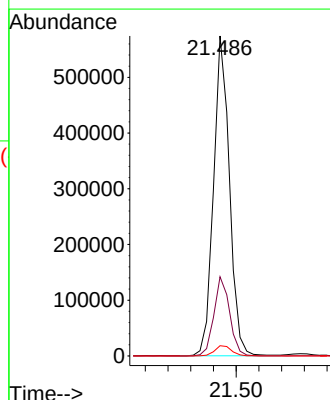
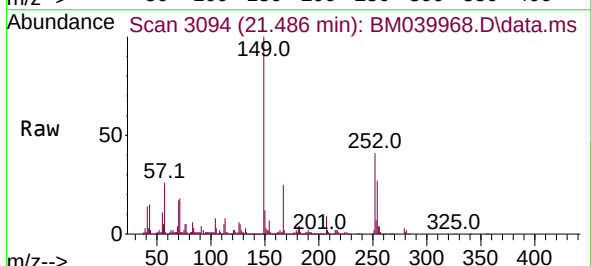
Delta R.T. -0.000 min

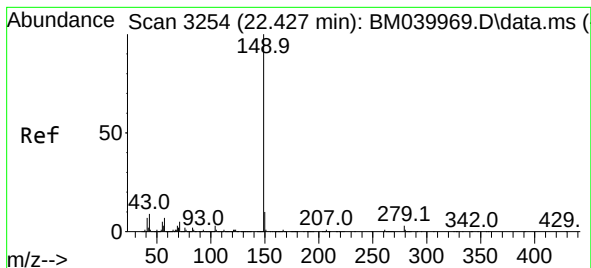
Lab File: BM039968.D

Acq: 23 May 2023 11:49

Tgt Ion:149 Resp: 557540

Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.4	32.2
279	3.2	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 19.349 ng

RT: 22.433 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:149 Resp: 76595

Ion Ratio Lower Upper

149 100

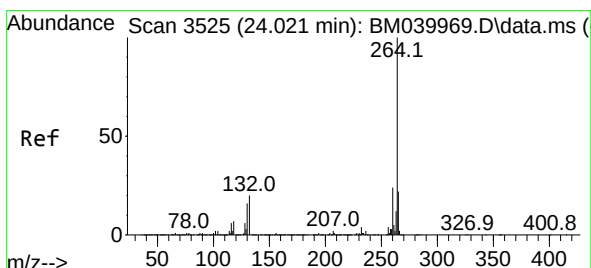
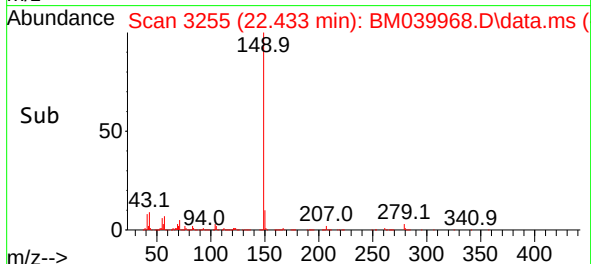
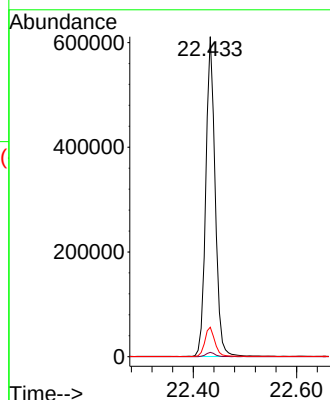
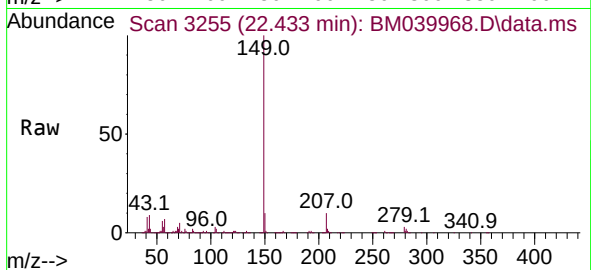
167 1.3 1.1 1.7

43 9.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

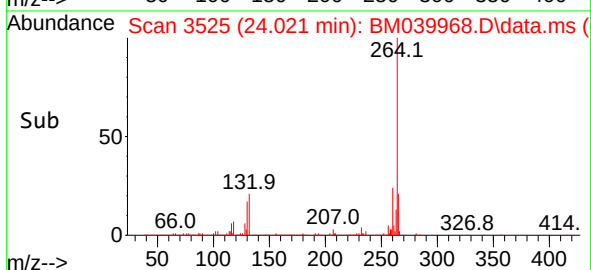
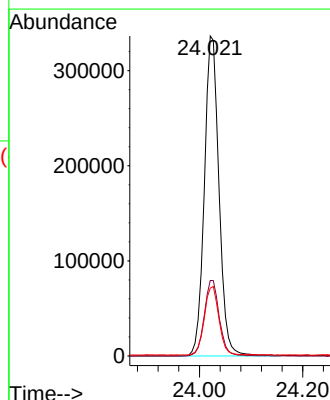
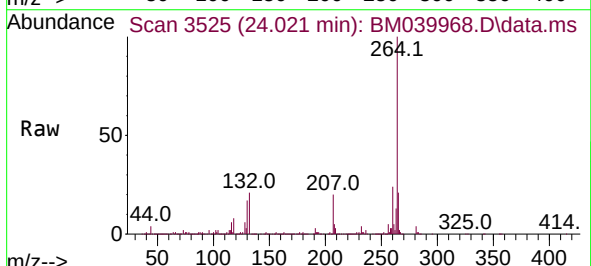
Tgt Ion:264 Resp: 661776

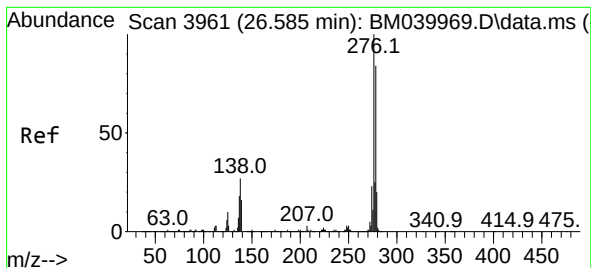
Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.080 ng

RT: 26.580 min Scan# 3961

Delta R.T. -0.006 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 100413

Ion Ratio Lower Upper

276 100

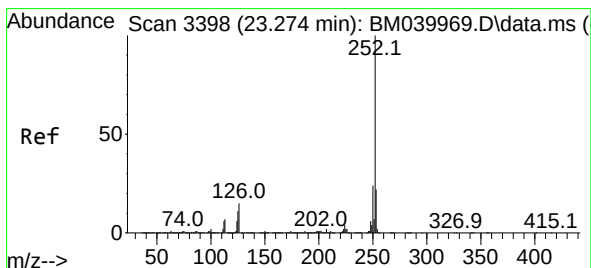
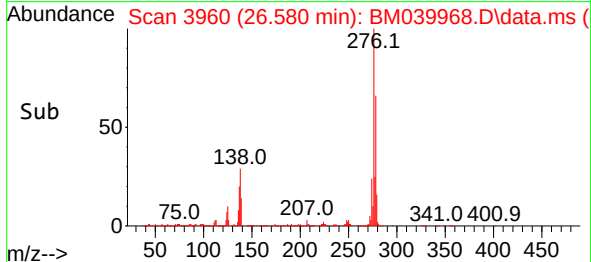
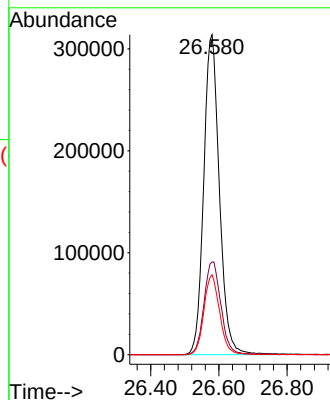
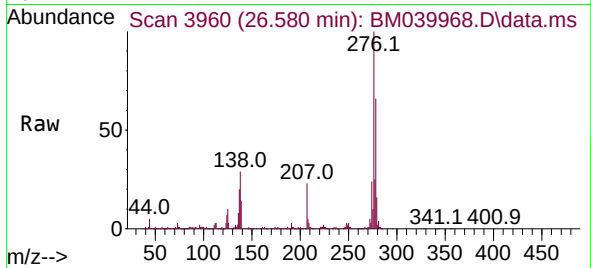
138 31.4 23.2 34.8

277 25.0 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#88

Benzo(b)fluoranthene

Concen: 19.315 ng

RT: 23.274 min Scan# 3398

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

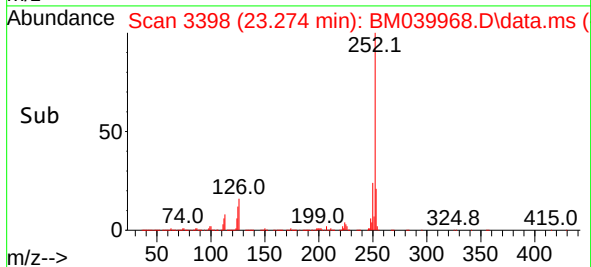
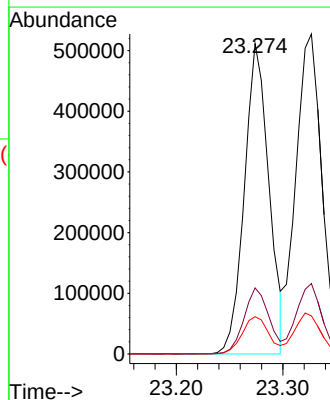
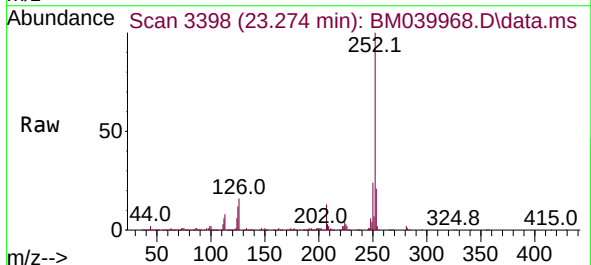
Tgt Ion:252 Resp: 818348

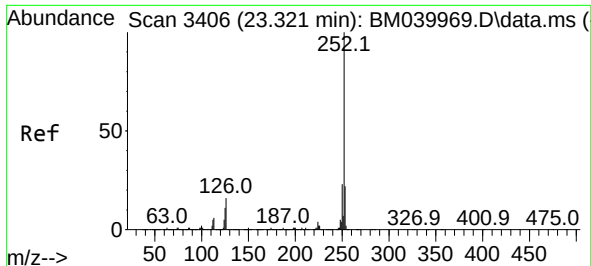
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

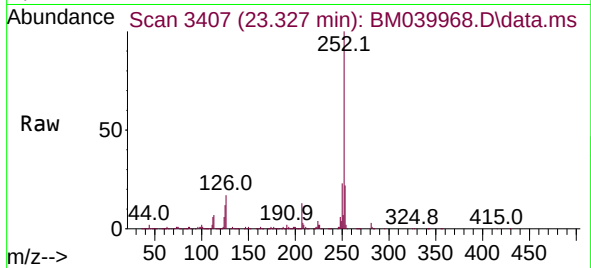
125 12.0 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 19.633 ng
RT: 23.327 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

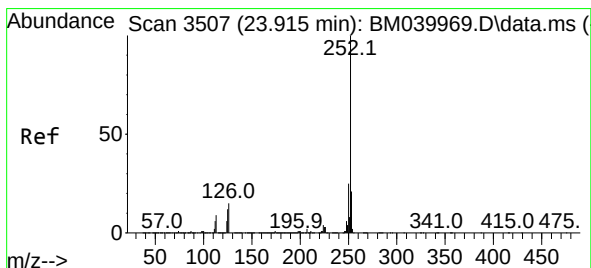
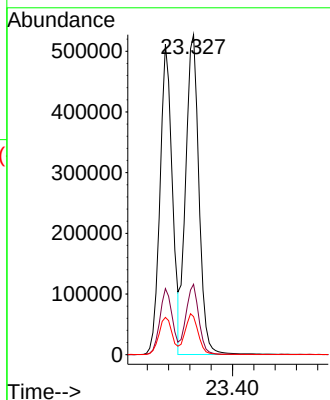
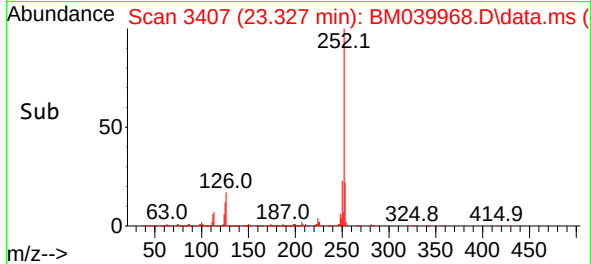
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:252 Resp: 909719
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.9 9.0 13.4

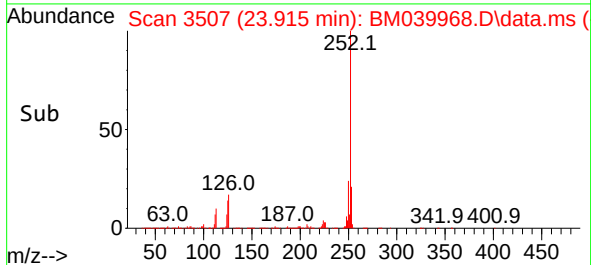
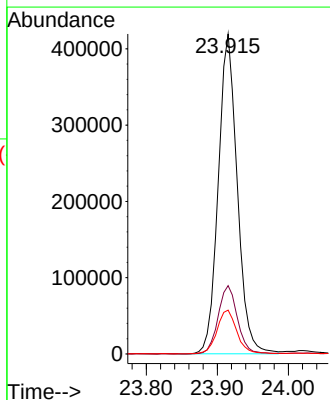
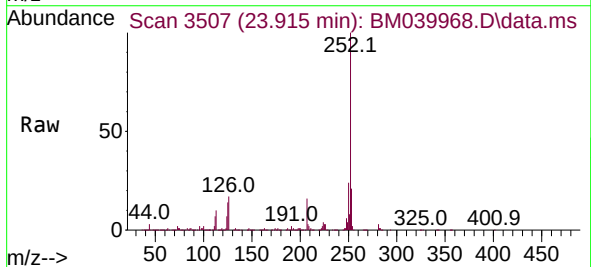
Manual Integrations
APPROVED

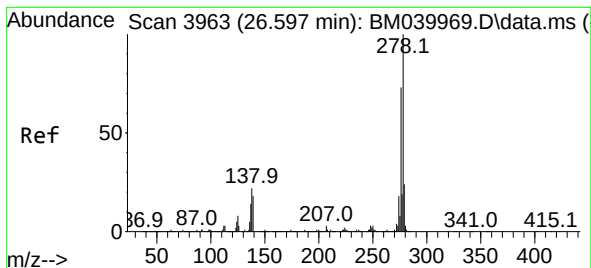
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#90
Benzo(a)pyrene
Concen: 19.132 ng
RT: 23.915 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BM039968.D
Acq: 23 May 2023 11:49

Tgt Ion:252 Resp: 777371
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 13.7 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 18.870 ng

RT: 26.597 min Scan# 3963

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 85733

Ion Ratio Lower Upper

278 100

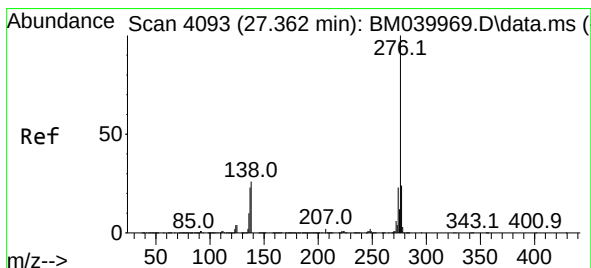
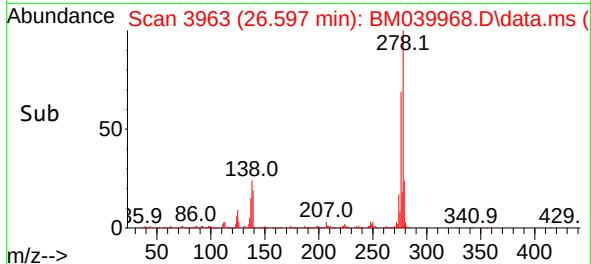
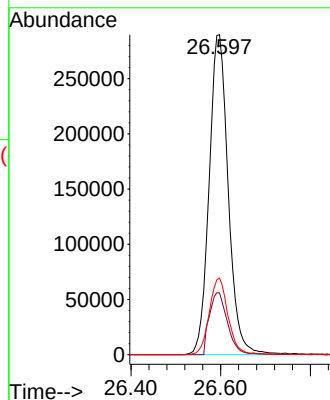
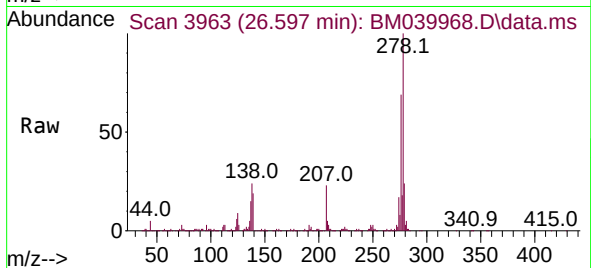
139 19.3 14.0 21.0

279 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#92

Benzo(g,h,i)perylene

Concen: 19.184 ng

RT: 27.362 min Scan# 4093

Delta R.T. 0.000 min

Lab File: BM039968.D

Acq: 23 May 2023 11:49

Tgt Ion:276 Resp: 770338

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 27.7 20.6 31.0

