

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034066.D
 Acq On : 24 Feb 2022 13:13
 Operator : CG/JU
 Sample : PB142854BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB142854BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/25/2022
 Supervised By : mohammad ahmed 02/28/2022

Quant Time: Feb 25 01:10:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	218751	20.000	ng	-0.01
21) Naphthalene-d8	10.831	136	883525	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	599526	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	1189521	20.000	ng	# 0.00
76) Chrysene-d12	21.565	240	996512	20.000	ng	# 0.00
86) Perylene-d12	24.024	264	897492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1479792	120.590	ng	0.00
7) Phenol-d6	7.172	99	1798132	111.588	ng	0.00
23) Nitrobenzene-d5	9.178	82	1187071	72.506	ng	0.00
42) 2,4,6-Tribromophenol	16.136	330	918144	126.183	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	3333173	74.072	ng	0.00
79) Terphenyl-d14	20.007	244	4531185	79.179	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.425	88	127471	27.018	ng	86
3) Pyridine	3.831	79	316965	23.914	ng	88
4) n-Nitrosodimethylamine	3.737	42	258458	38.983	ng	# 85
6) Aniline	7.331	93	635613	35.697	ng	91
8) 2-Chlorophenol	7.578	128	578973	42.173	ng	82
9) Benzaldehyde	7.143	77	267655	29.588	ng	86
10) Phenol	7.196	94	657068	41.456	ng	94
11) bis(2-Chloroethyl)ether	7.431	93	476395	37.669	ng	90
12) 1,3-Dichlorobenzene	7.907	146	622761m	38.591	ng	
13) 1,4-Dichlorobenzene	8.048	146	644111	39.051	ng	95
14) 1,2-Dichlorobenzene	8.372	146	620137	38.523	ng	94
15) Benzyl Alcohol	8.248	79	504544	40.605	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.548	45	580574	34.526	ng	94
17) 2-Methylphenol	8.454	107	459961	41.201	ng	96
18) Hexachloroethane	9.107	117	225883	40.015	ng	# 87
19) n-Nitroso-di-n-propyla...	8.831	70	396222	38.042	ng	# 90
20) 3+4-Methylphenols	8.784	107	619523	40.189	ng	95
22) Acetophenone	8.837	105	836115	39.179	ng	# 93
24) Nitrobenzene	9.219	77	602593	39.535	ng	# 88
25) Isophorone	9.754	82	1014140	38.375	ng	# 92
26) 2-Nitrophenol	9.937	139	311826	43.421	ng	# 80
27) 2,4-Dimethylphenol	9.995	122	531928	45.845	ng	92
28) bis(2-Chloroethoxy)met...	10.237	93	641605	35.905	ng	# 97
29) 2,4-Dichlorophenol	10.472	162	612736	42.712	ng	95
30) 1,2,4-Trichlorobenzene	10.695	180	663711	39.410	ng	97
31) Naphthalene	10.884	128	1760491	38.783	ng	99
32) Benzoic acid	10.131	122	379759	43.217	ng	# 84
33) 4-Chloroaniline	10.984	127	325674	17.523	ng	# 89
34) Hexachlorobutadiene	11.178	225	428328	40.028	ng	97
35) Caprolactam	11.760	113	159560	55.176	ng	# 62
36) 4-Chloro-3-methylphenol	12.101	107	580881	41.123	ng	# 84
37) 2-Methylnaphthalene	12.489	142	1377352	41.590	ng	97
38) 1-Methylnaphthalene	12.707	142	1265232	39.183	ng	99
40) 1,2,4,5-Tetrachloroben...	12.854	216	808135	42.162	ng	98
41) Hexachlorocyclopentadiene	12.842	237	1055028	94.226	ng	99
43) 2,4,6-Trichlorophenol	13.089	196	524945	43.309	ng	98

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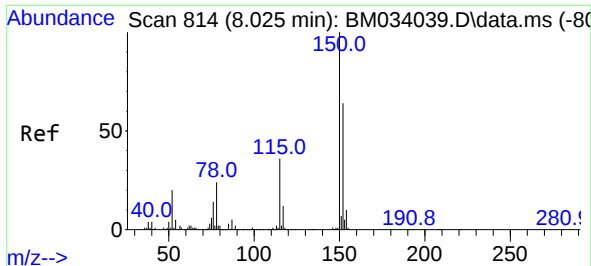
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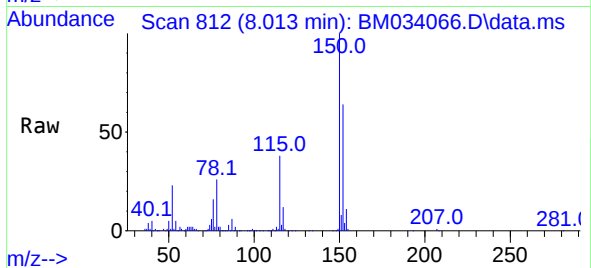
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	569796	46.275	ng	# 91
46) 1,1'-Biphenyl	13.489	154	1834928	40.058	ng	97
47) 2-Chloronaphthalene	13.530	162	1403873	39.250	ng	95
48) 2-Nitroaniline	13.725	65	354365	41.718	ng	# 74
49) Acenaphthylene	14.372	152	2170843	40.498	ng	99
50) Dimethylphthalate	14.107	163	1752060	39.419	ng	99
51) 2,6-Dinitrotoluene	14.219	165	379822	43.185	ng	# 81
52) Acenaphthene	14.719	154	1573821	44.434	ng	100
53) 3-Nitroaniline	14.542	138	248332	28.229	ng	81
54) 2,4-Dinitrophenol	14.748	184	448699	91.045	ng	# 78
55) Dibenzofuran	15.048	168	2119574	38.311	ng	98
56) 4-Nitrophenol	14.848	139	597579	84.040	ng	# 80
57) 2,4-Dinitrotoluene	15.001	165	513043	44.857	ng	# 77
58) Fluorene	15.695	166	1772820	39.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.272	232	499933	41.450	ng	# 90
60) Diethylphthalate	15.472	149	1748229	39.334	ng	99
61) 4-Chlorophenyl-phenylether	15.689	204	934539	39.238	ng	95
62) 4-Nitroaniline	15.701	138	362020	39.653	ng	85
63) Azobenzene	15.983	77	1442896	37.372	ng	92
65) 4,6-Dinitro-2-methylph...	15.766	198	278000	39.872	ng	# 69
66) n-Nitrosodiphenylamine	15.901	169	1520452	40.828	ng	100
67) 4-Bromophenyl-phenylether	16.583	248	562819	41.884	ng	92
68) Hexachlorobenzene	16.701	284	652041	42.113	ng	# 91
69) Atrazine	16.848	200	539071	43.760	ng	96
70) Pentachlorophenol	17.036	266	823815	88.075	ng	98
71) Phenanthrene	17.436	178	2655980	40.253	ng	99
72) Anthracene	17.524	178	2677289	41.695	ng	99
73) Carbazole	17.789	167	2264383	37.453	ng	99
74) Di-n-butylphthalate	18.360	149	2744758	39.909	ng	99
75) Fluoranthene	19.442	202	2857417	39.417	ng	97
77) Benzidine	19.618	184	890314	47.974	ng	99
78) Pyrene	19.807	202	2890511	42.235	ng	99
80) Butylbenzylphthalate	20.701	149	1048690	40.239	ng	86
81) Benzo(a)anthracene	21.548	228	2530599	39.029	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	763601	34.871	ng	# 99
83) Chrysene	21.601	228	2455368	39.643	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	1540436	38.694	ng	# 98
85) Di-n-octyl phthalate	22.430	149	2361153	37.421	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.600	276	2849940	44.665	ng	# 95
88) Benzo(b)fluoranthene	23.277	252	2558201	45.484	ng	# 98
89) Benzo(k)fluoranthene	23.324	252	2391453	42.623	ng	# 96
90) Benzo(a)pyrene	23.918	252	2378239	51.457	ng	# 98
91) Dibenzo(a,h)anthracene	26.618	278	2441749	45.502	ng	96
92) Benzo(g,h,i)perylene	27.388	276	2410494	46.369	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.013 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

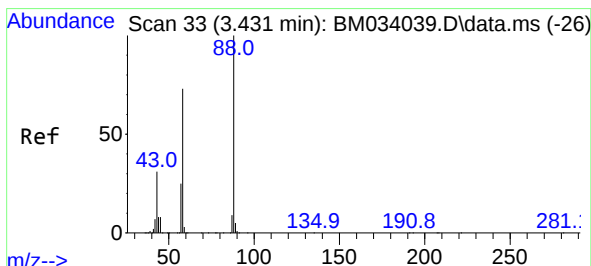
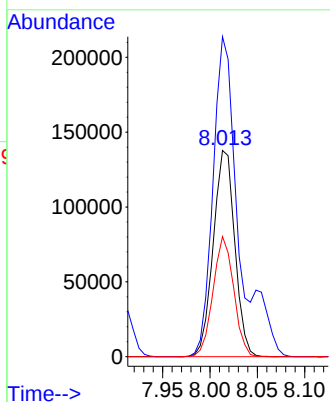
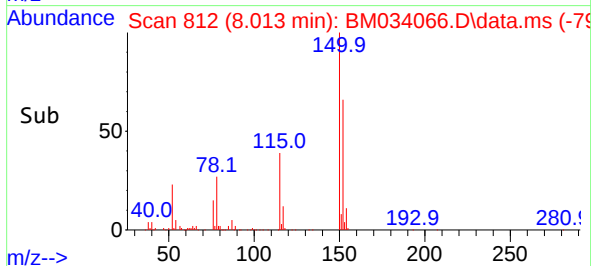
Instrument :
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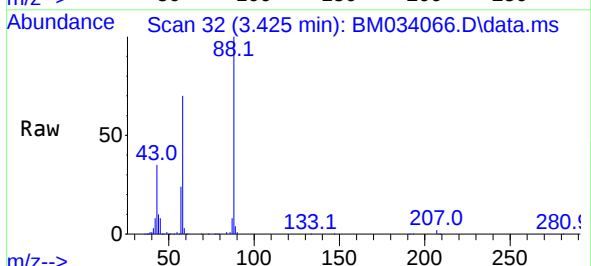
Tgt Ion:152 Resp: 21875
Ion Ratio Lower Upper
152 100
150 155.1 128.9 193.3
115 58.3 53.0 79.6

Manual Integrations
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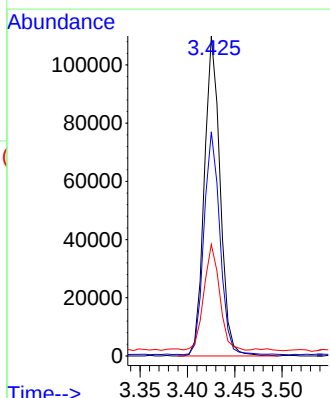
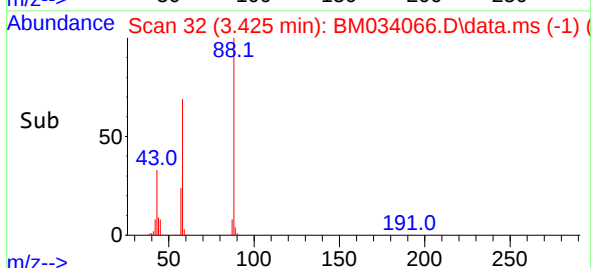
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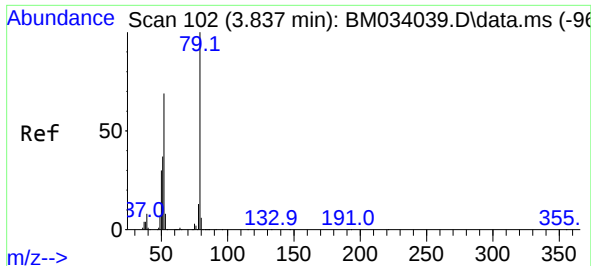


#2
1,4-Dioxane
Concen: 27.018 ng
RT: 3.425 min Scan# 32
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



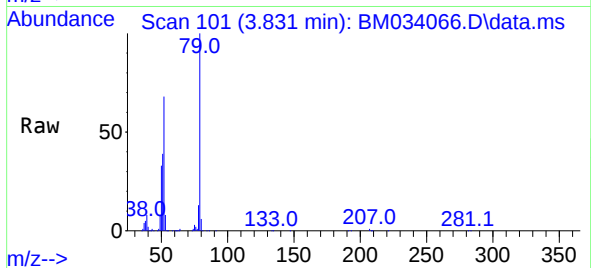
Tgt Ion: 88 Resp: 127471
Ion Ratio Lower Upper
88 100
58 70.5 67.0 100.4
43 32.4 31.6 47.4





#3
Pyridine
Concen: 23.914 ng
RT: 3.831 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

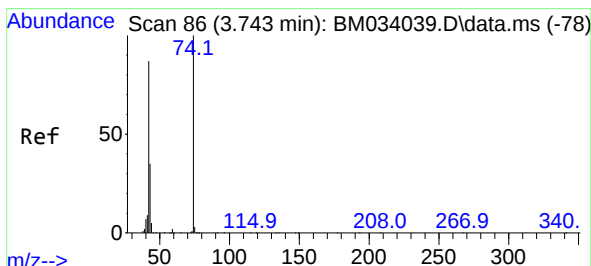
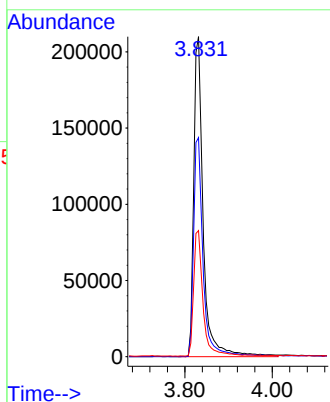
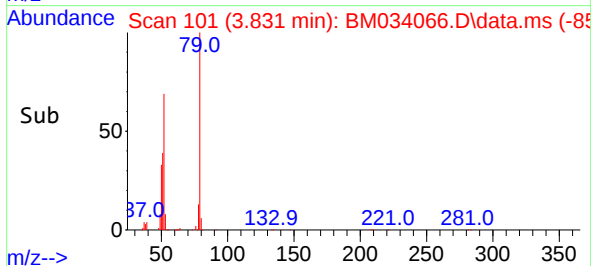
Instrument :
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Tgt Ion: 79 Resp: 31696
Ion Ratio Lower Upper
79 100
52 68.5 65.4 98.2
51 39.4 34.8 52.2

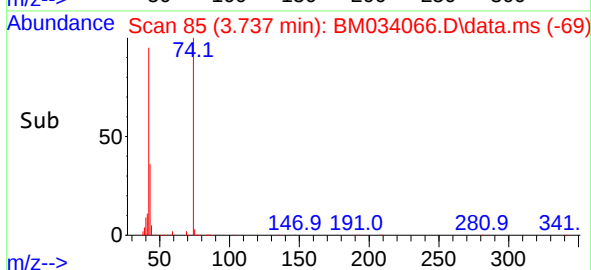
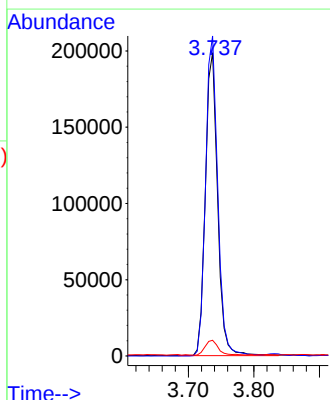
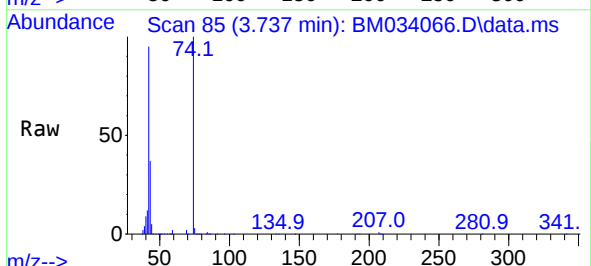
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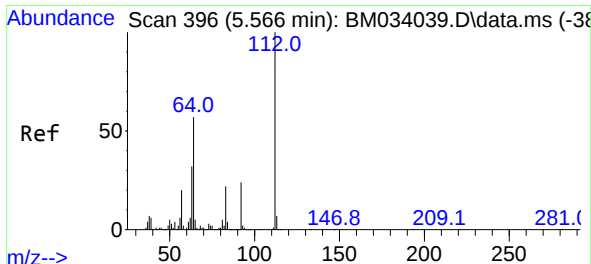
Reviewed By :Christian Giraldo 02/25/2022
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#4
n-Nitrosodimethylamine
Concen: 38.983 ng
RT: 3.737 min Scan# 85
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

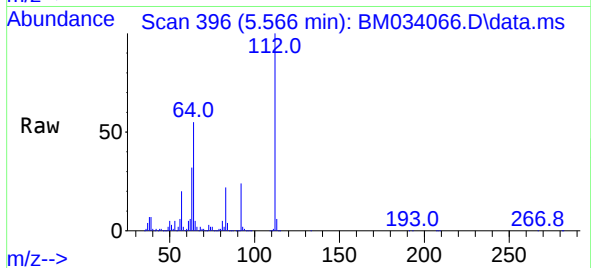
Tgt Ion: 42 Resp: 258458
Ion Ratio Lower Upper
42 100
74 105.5 72.5 108.7
44 5.2 5.4 8.2





#5
2-Fluorophenol
Concen: 120.590 ng
RT: 5.566 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

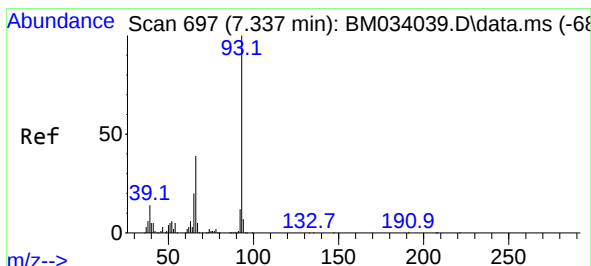
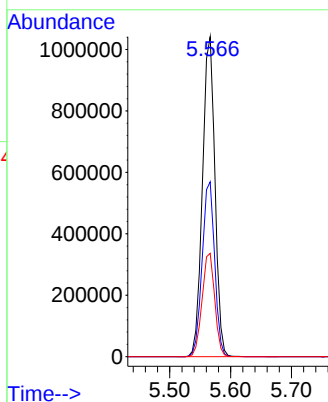
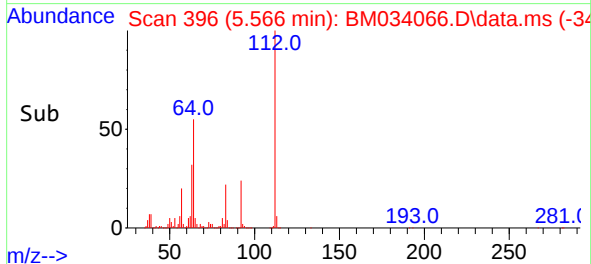
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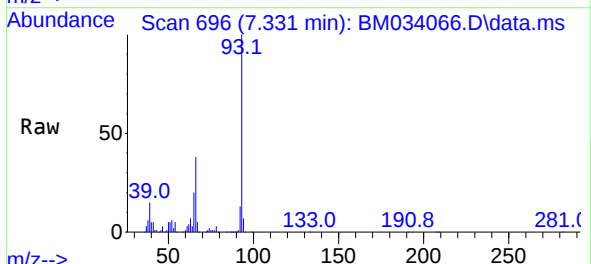
Tgt Ion: 112 Resp: 1479792
Ion Ratio Lower Upper
112 100
64 54.6 55.5 83.3
63 32.3 31.3 46.9

Manual Integrations
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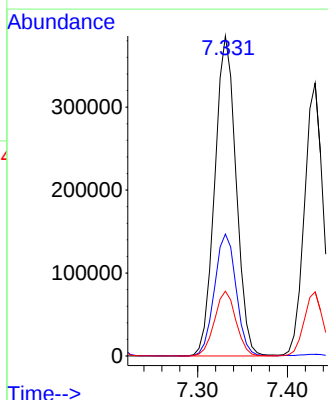
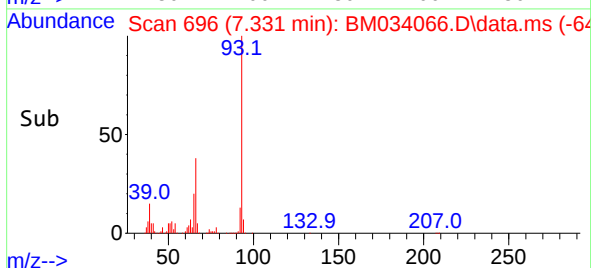
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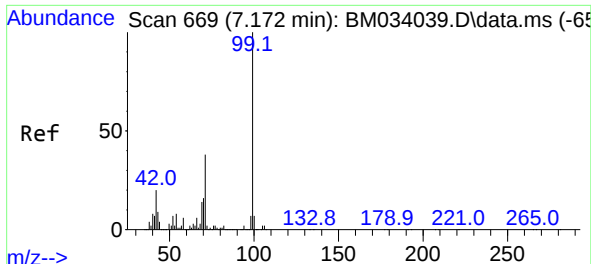


#6
Aniline
Concen: 35.697 ng
RT: 7.331 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



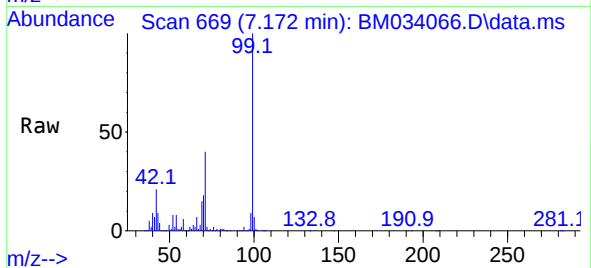
Tgt Ion: 93 Resp: 635613
Ion Ratio Lower Upper
93 100
66 38.1 36.0 54.0
65 20.3 18.2 27.4





#7
Phenol-d6
Concen: 111.588 ng
RT: 7.172 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

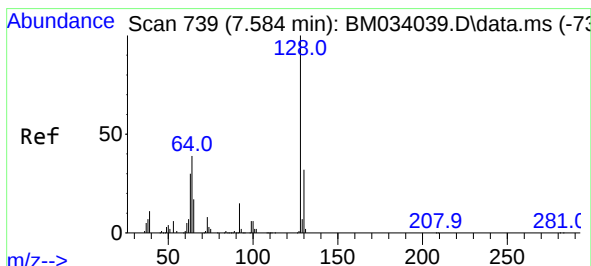
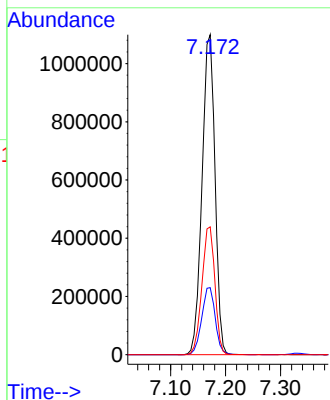
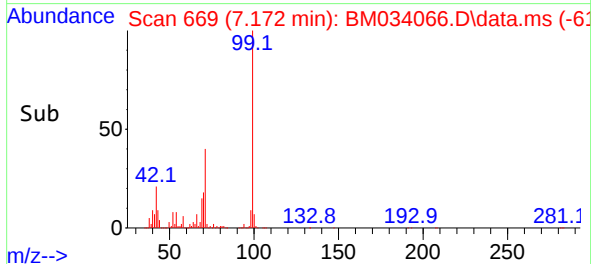
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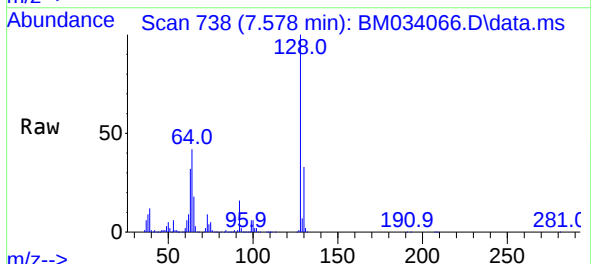
Tgt Ion: 99 Resp: 179813
Ion Ratio Lower Upper
99 100
42 21.0 20.3 30.5
71 40.0 34.5 51.7

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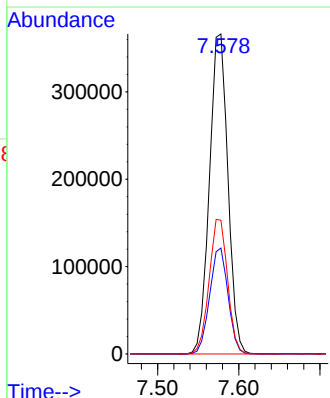
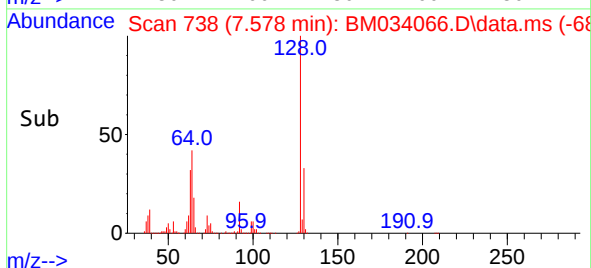
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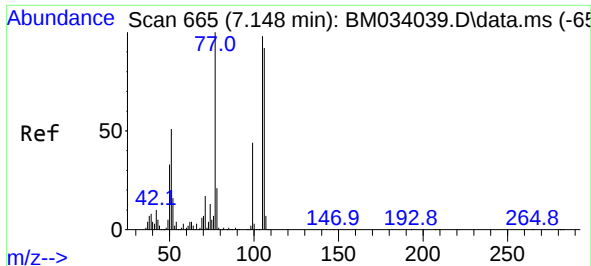


#8
2-Chlorophenol
Concen: 42.173 ng
RT: 7.578 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



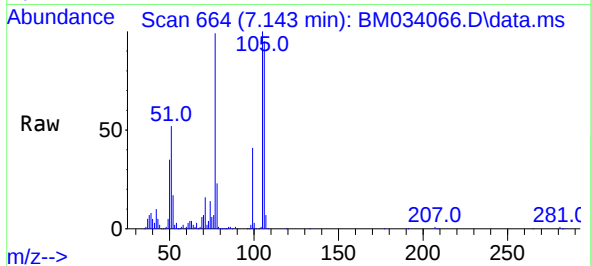
Tgt Ion:128 Resp: 578973
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 41.8 40.6 80.6





#9
Benzaldehyde
Concen: 29.588 ng
RT: 7.143 min Scan# 665
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

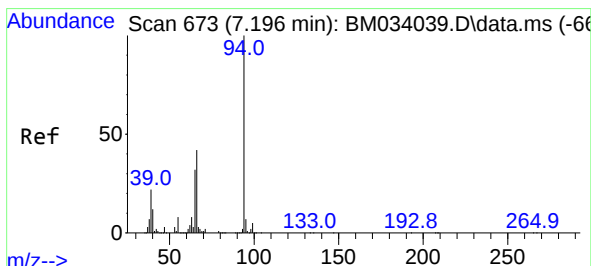
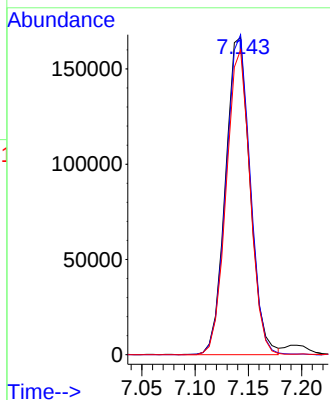
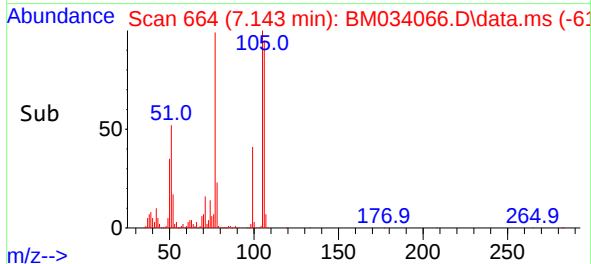
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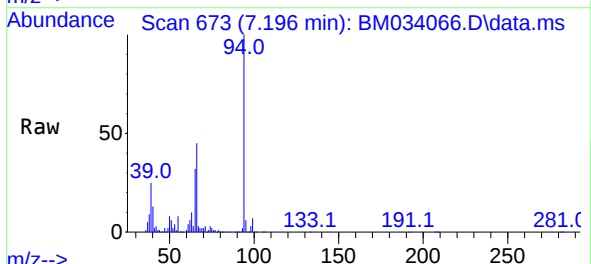
Tgt Ion: 77 Resp: 267658
Ion Ratio Lower Upper
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105 100.9 67.1 107.1
106 96.1 64.3 104.3

Manual Integrations
APPROVED

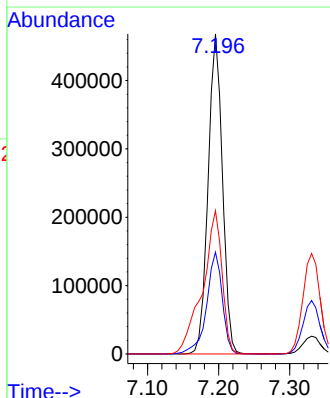
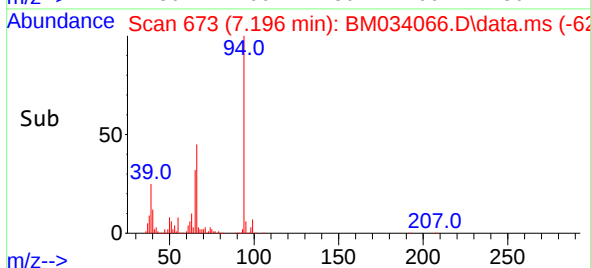
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

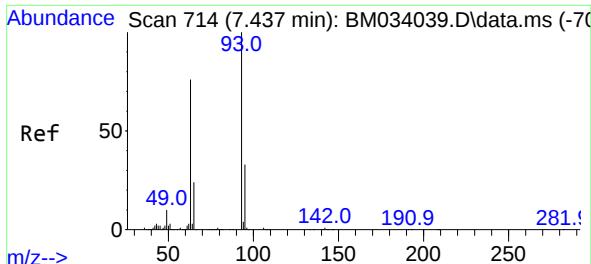


#10
Phenol
Concen: 41.456 ng
RT: 7.196 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



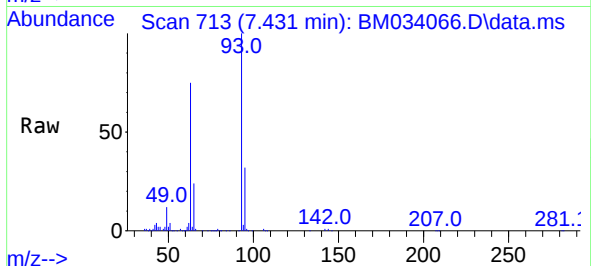
Tgt Ion: 94 Resp: 657068
Ion Ratio Lower Upper
94 100
65 31.8 15.5 55.5
66 44.7 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 37.669 ng
RT: 7.431 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

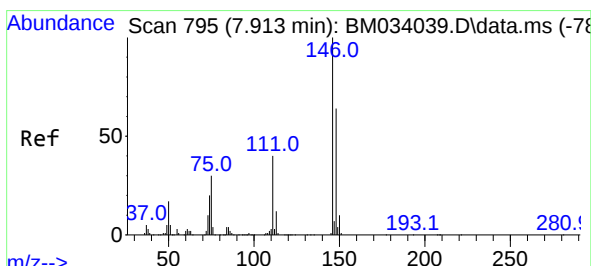
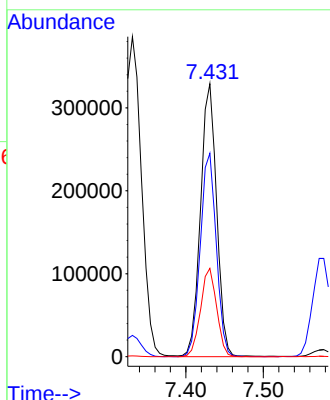
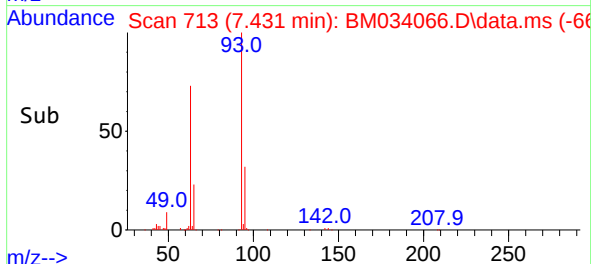
Instrument :
BNA_M
ClientSampleId :
PB142854BS



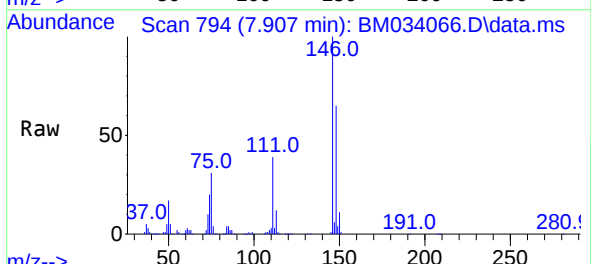
Tgt Ion: 93 Resp: 476395
Ion Ratio Lower Upper
93 100
63 74.5 67.0 107.0
95 32.3 11.6 51.6

Manual Integrations
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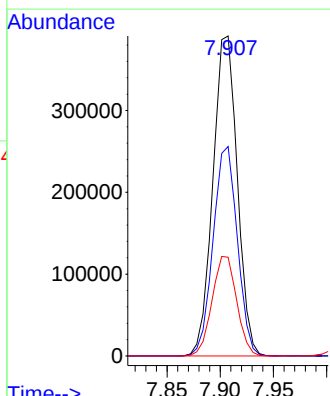
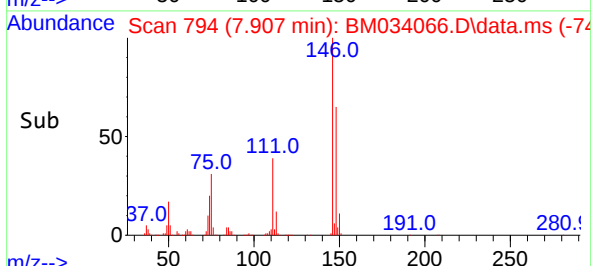
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

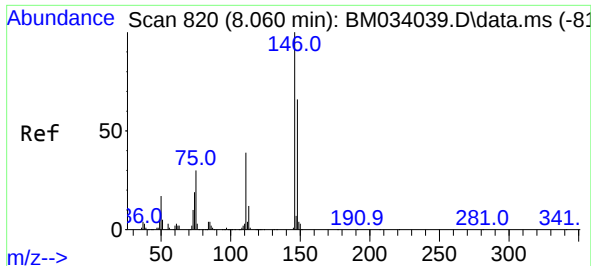


#12
1,3-Dichlorobenzene
Concen: 38.591 ng m
RT: 7.907 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:146 Resp: 622761
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
75 30.9 32.0 48.0#





#13

1,4-Dichlorobenzene

Concen: 39.051 ng

RT: 8.048 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM034066.D

Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

PB142854BS

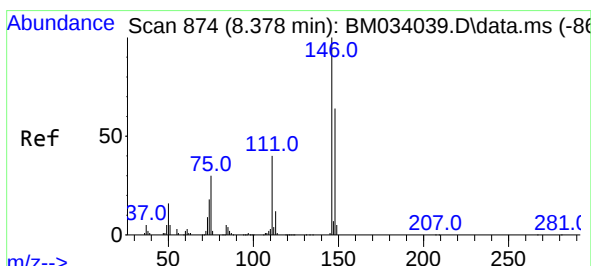
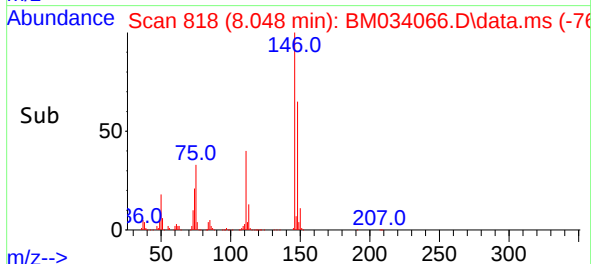
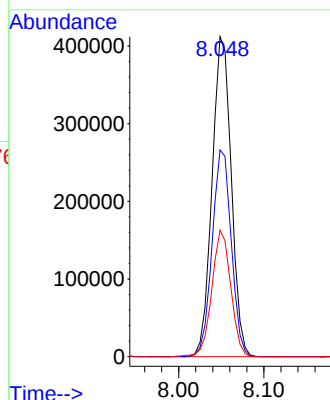
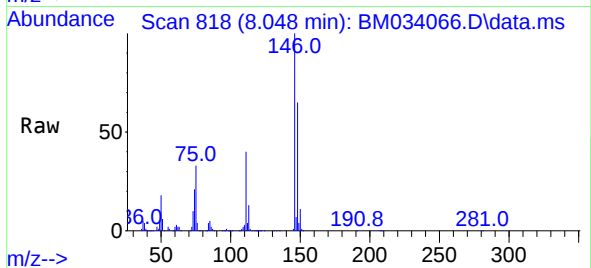
Tgt Ion:146 Resp: 64411

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.4	80.0
111	39.5	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#14

1,2-Dichlorobenzene

Concen: 38.523 ng

RT: 8.372 min Scan# 873

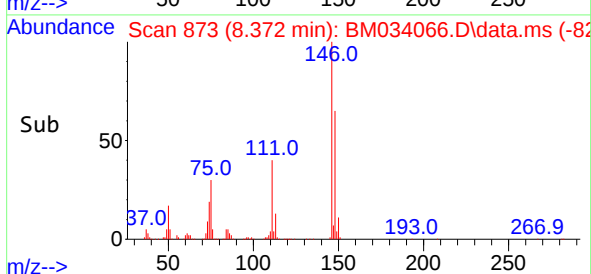
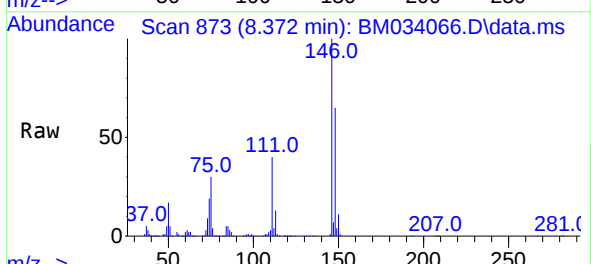
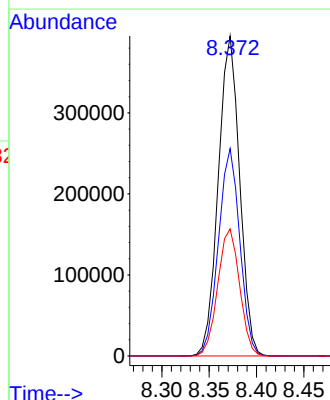
Delta R.T. -0.006 min

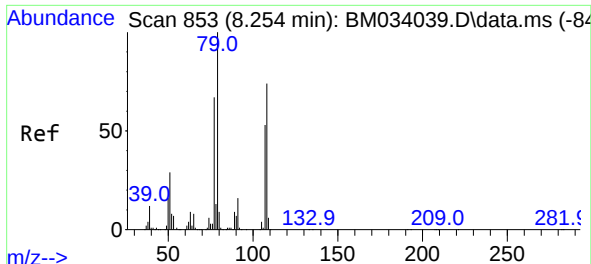
Lab File: BM034066.D

Acq: 24 Feb 2022 13:13

Tgt Ion:146 Resp: 620137

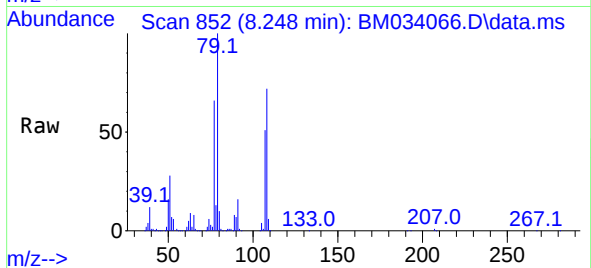
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
111	39.7	37.8	56.8





#15
Benzyl Alcohol
Concen: 40.605 ng
RT: 8.248 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

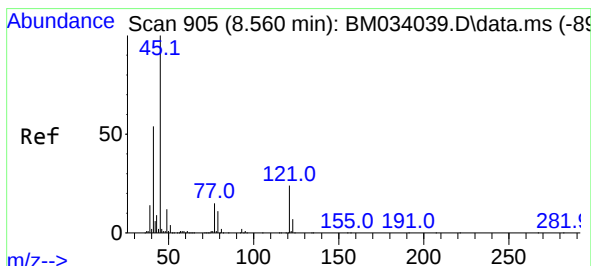
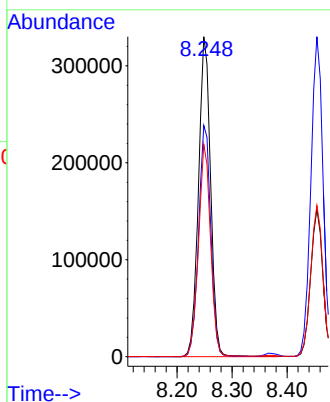
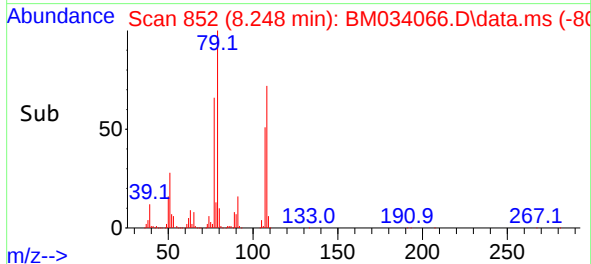
Instrument :
BNA_M
ClientSampleId :
PB142854BS



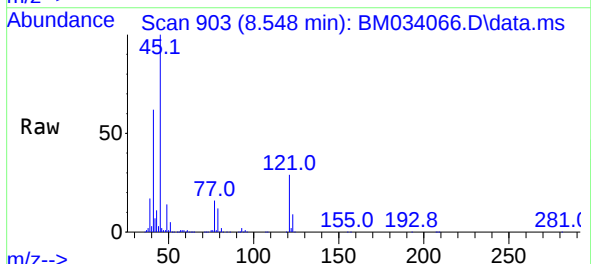
Tgt Ion: 79 Resp: 504544
Ion Ratio Lower Upper
79 100
108 72.3 51.1 76.7
77 66.4 53.8 80.8

Manual Integrations
APPROVED

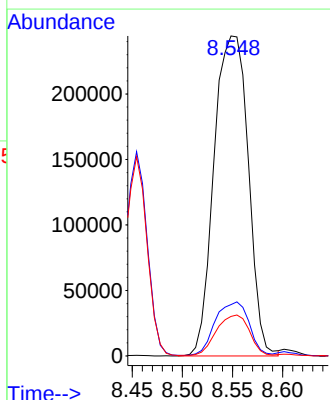
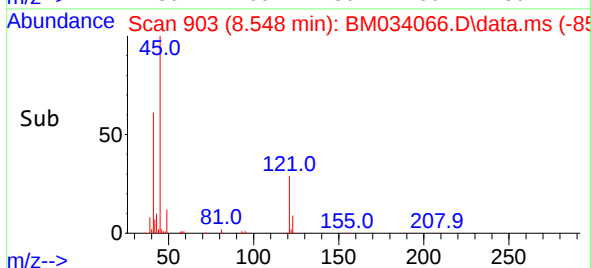
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

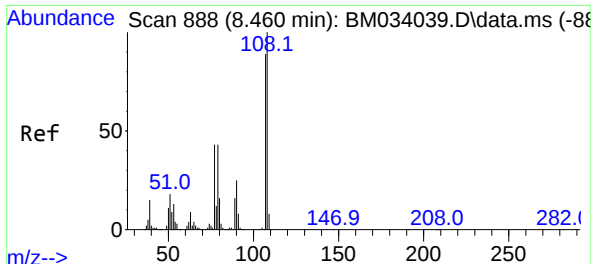


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.526 ng
RT: 8.548 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



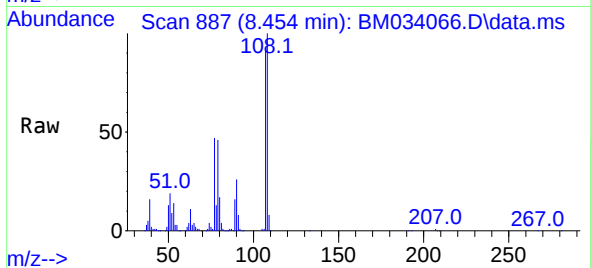
Tgt Ion: 45 Resp: 580574
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.7
79 12.4 0.0 30.0





#17
2-Methylphenol
Concen: 41.201 ng
RT: 8.454 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

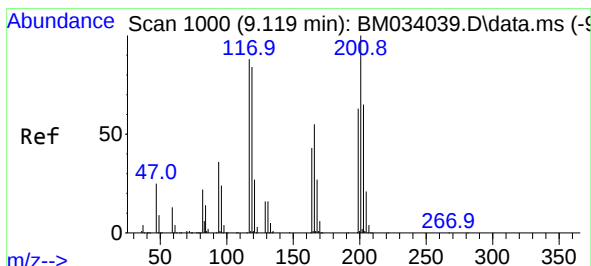
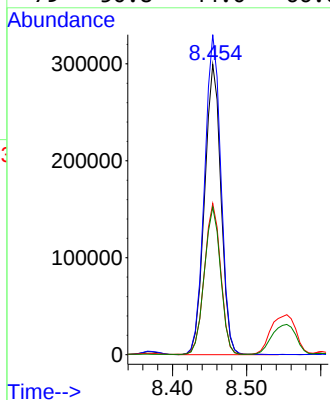
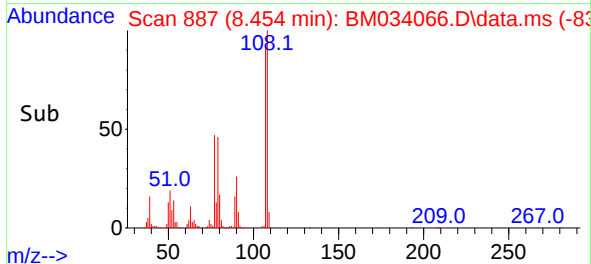
Instrument :
BNA_M
ClientSampleId :
PB142854BS



Tgt Ion:107 Resp: 45996
Ion Ratio Lower Upper
107 100
108 110.3 89.2 133.8
77 52.1 46.0 69.0
79 50.8 44.0 66.0

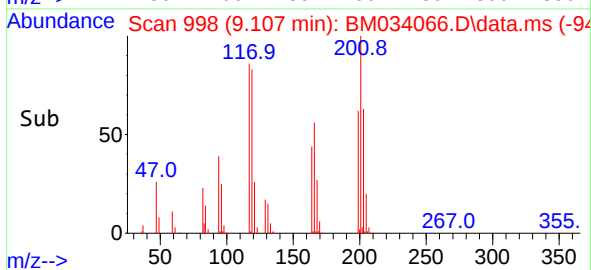
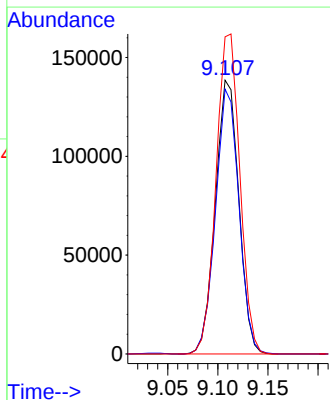
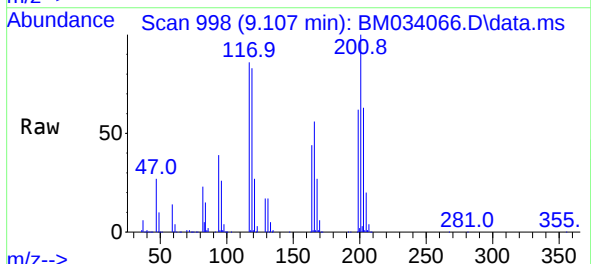
Manual Integrations
APPROVED

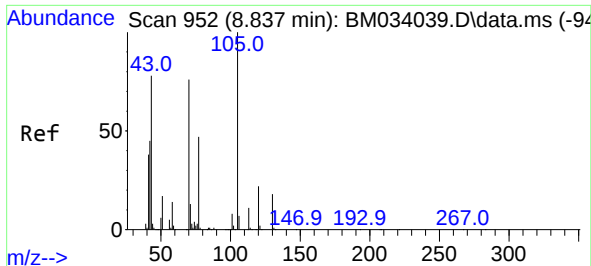
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#18
Hexachloroethane
Concen: 40.015 ng
RT: 9.107 min Scan# 998
Delta R.T. -0.012 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

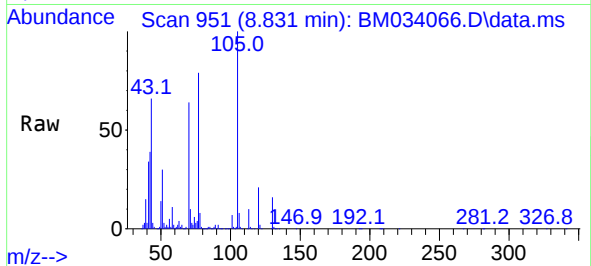
Tgt Ion:117 Resp: 225883
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.6
201 115.9 75.2 112.8#





#19
n-Nitroso-di-n-propylamine
Concen: 38.042 ng
RT: 8.831 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

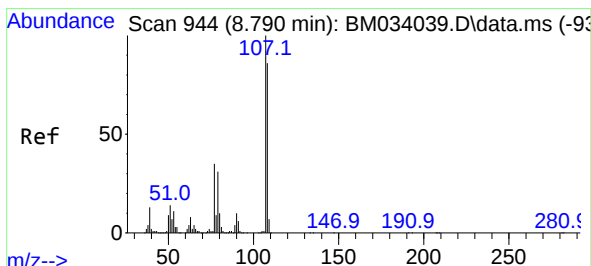
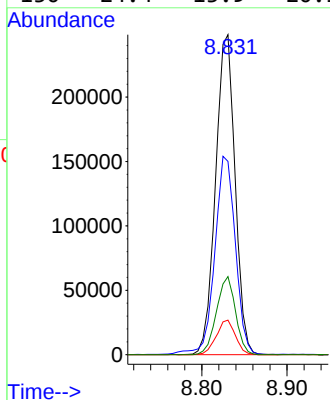
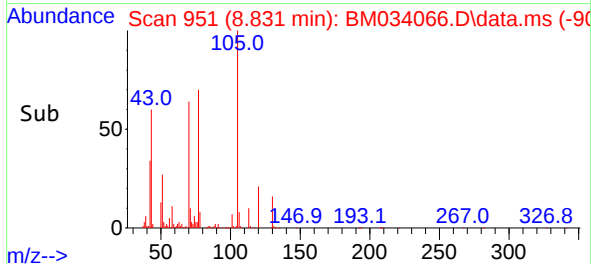
Instrument :
BNA_M
ClientSampleId :
PB142854BS



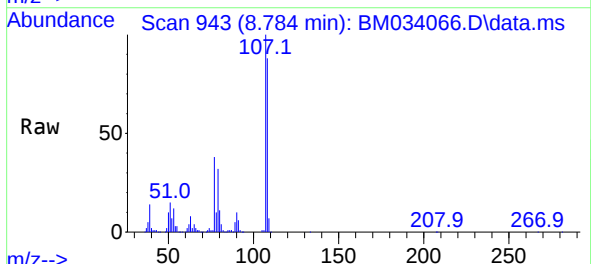
Tgt Ion: 70 Resp: 39622
Ion Ratio Lower Upper
70 100
42 60.4 54.1 81.1
101 10.8 7.8 11.6
130 24.4 13.9 20.9#

Manual Integrations
APPROVED

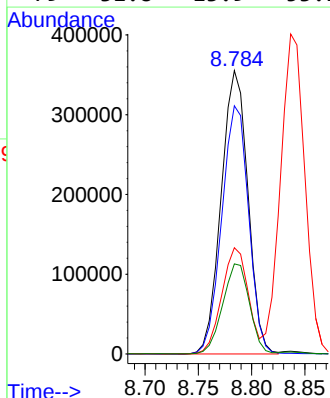
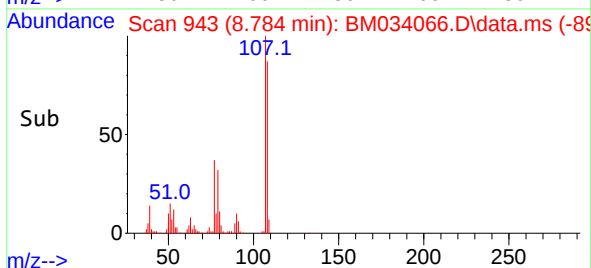
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

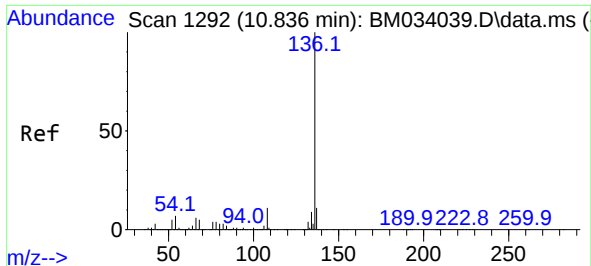


#20
3+4-Methylphenols
Concen: 40.189 ng
RT: 8.784 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



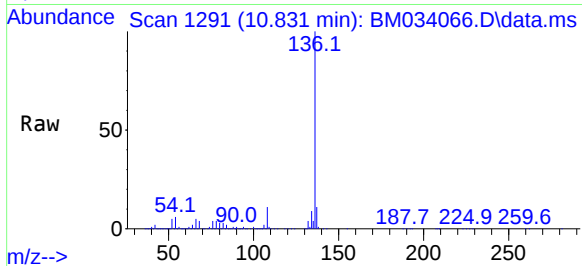
Tgt Ion:107 Resp: 619523
Ion Ratio Lower Upper
107 100
108 87.6 64.2 104.2
77 37.5 22.7 62.7
79 31.8 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

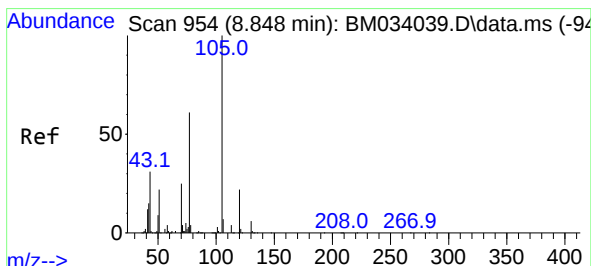
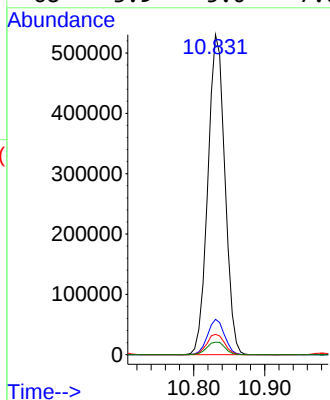
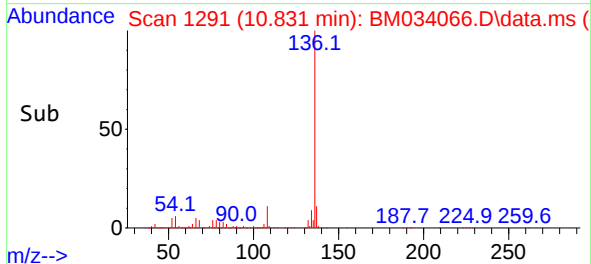
Instrument :
BNA_M
ClientSampleId :
PB142854BS



Tgt Ion:136 Resp: 88352
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.4 8.3 12.5
68 3.9 5.0 7.6#

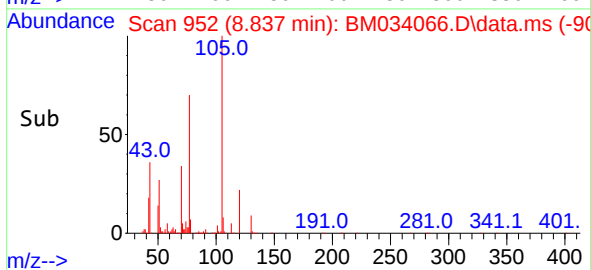
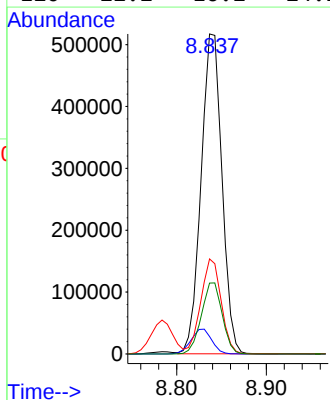
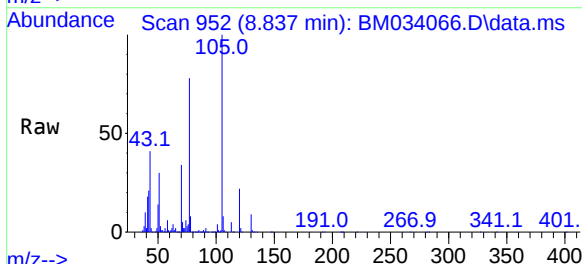
Manual Integrations
APPROVED

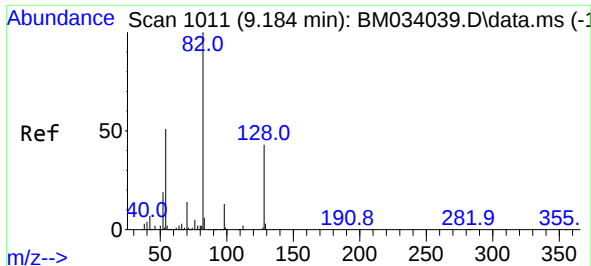
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#22
Acetophenone
Concen: 39.179 ng
RT: 8.837 min Scan# 952
Delta R.T. -0.012 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Tgt Ion:105 Resp: 836115
Ion Ratio Lower Upper
105 100
71 5.5 1.6 2.4#
51 29.7 27.7 41.5
120 22.2 16.2 24.2





#23
Nitrobenzene-d5
Concen: 72.506 ng
RT: 9.178 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

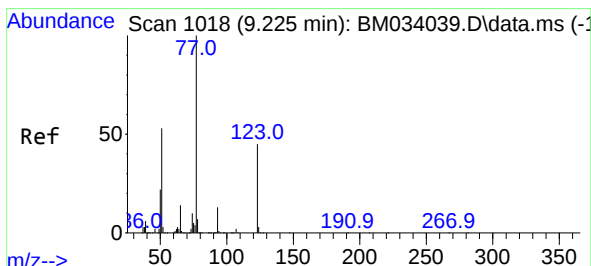
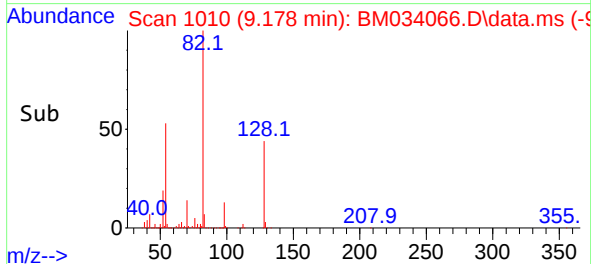
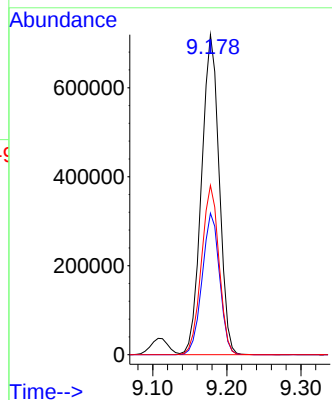
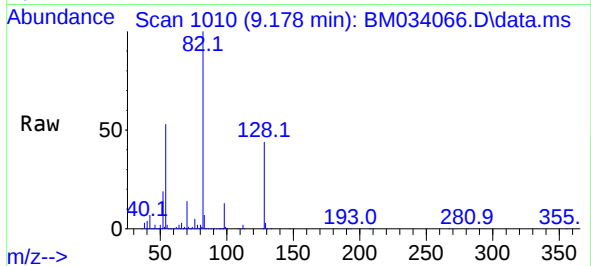
PB142854BS

Tgt Ion: 82 Resp: 118707
Ion Ratio Lower Upper
82 100
128 44.2 28.1 42.1
54 52.9 46.1 69.1

Manual Integrations

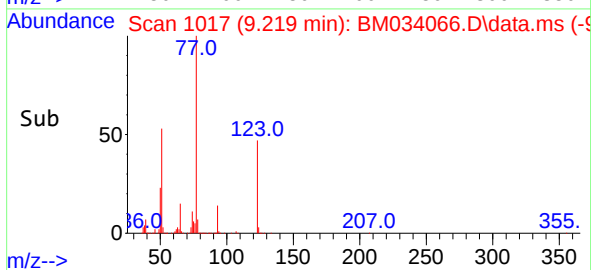
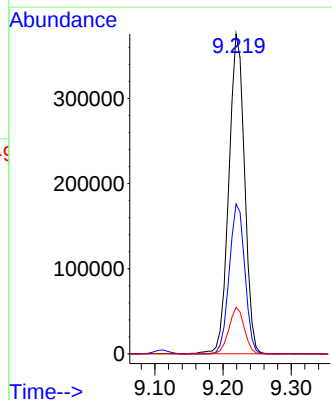
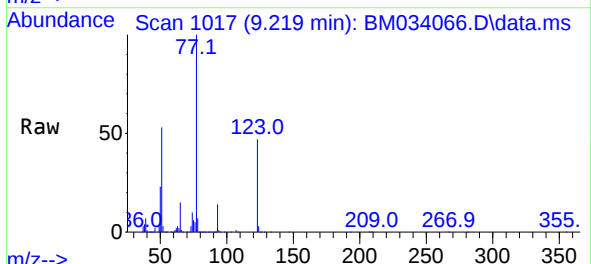
APPROVED

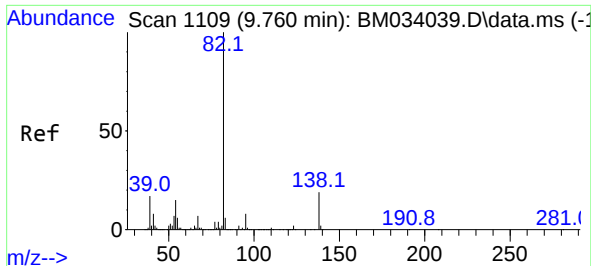
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#24
Nitrobenzene
Concen: 39.535 ng
RT: 9.219 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

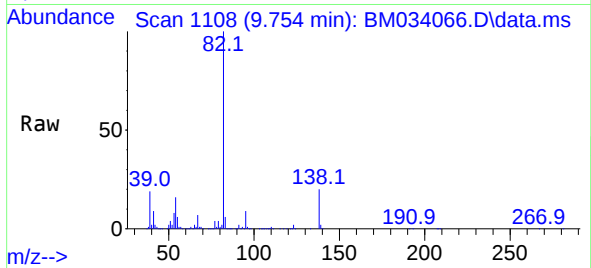
Tgt Ion: 77 Resp: 602593
Ion Ratio Lower Upper
77 100
123 46.9 29.8 44.8
65 14.5 11.5 17.3





#25
Isophorone
Concen: 38.375 ng
RT: 9.754 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

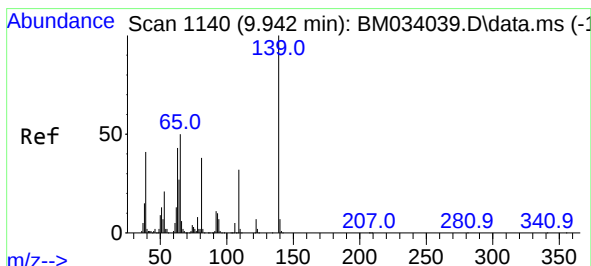
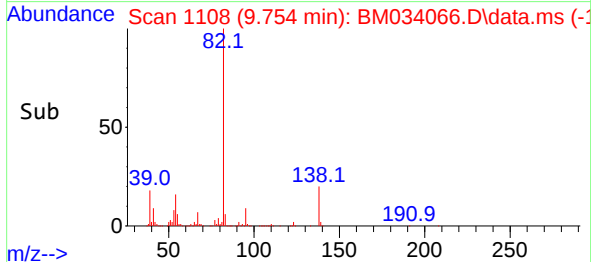
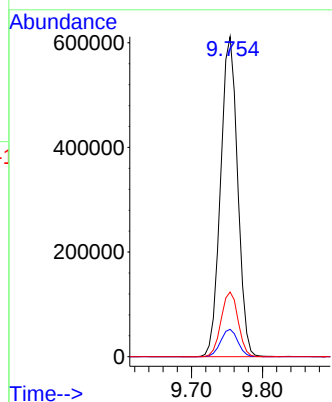
Instrument :
BNA_M
ClientSampleId :
PB142854BS



Tgt Ion: 82 Resp: 1014140
Ion Ratio Lower Upper
82 100
95 8.6 6.4 9.6
138 20.2 12.4 18.6

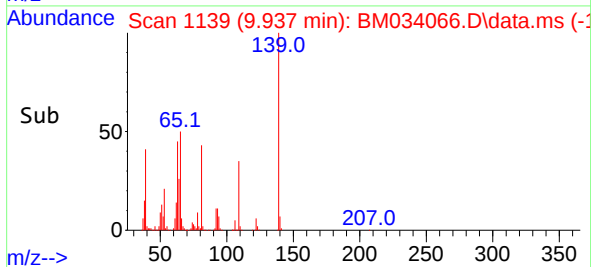
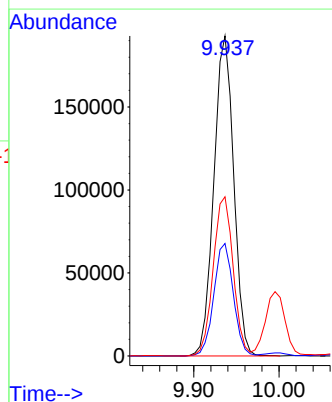
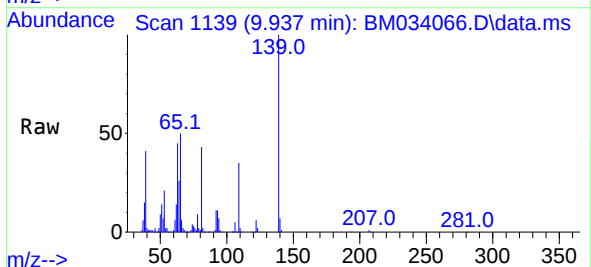
Manual Integrations
APPROVED

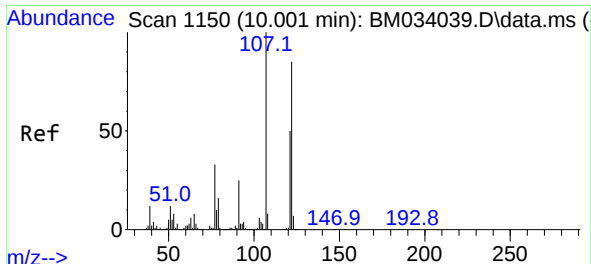
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#26
2-Nitrophenol
Concen: 43.421 ng
RT: 9.937 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Tgt Ion:139 Resp: 311826
Ion Ratio Lower Upper
139 100
109 35.1 33.0 49.6
65 49.8 57.2 85.8





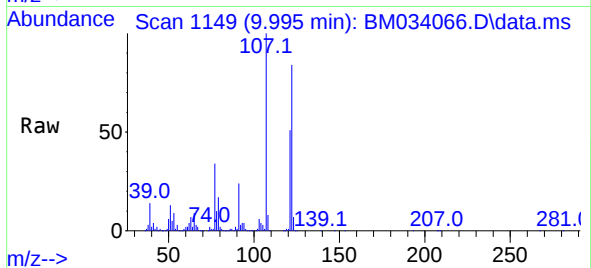
#27
2,4-Dimethylphenol
Concen: 45.845 ng
RT: 9.995 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

PB142854BS

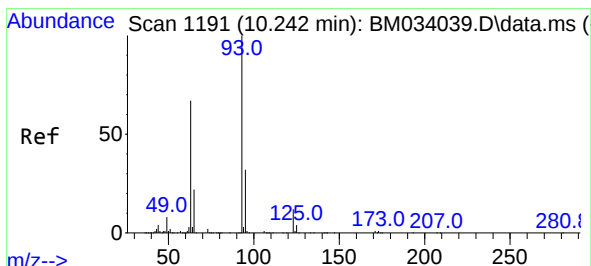
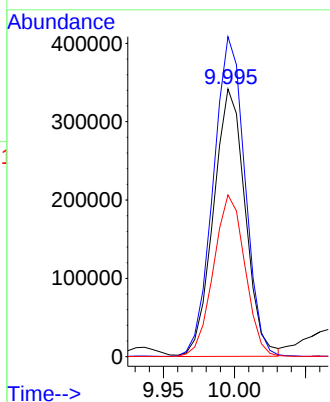
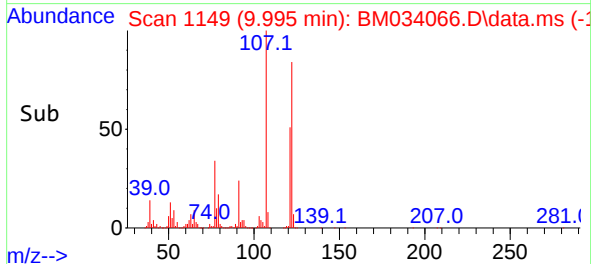


Tgt Ion:122 Resp: 531928
Ion Ratio Lower Upper
122 100
107 119.6 105.3 157.9
121 60.5 49.7 74.5

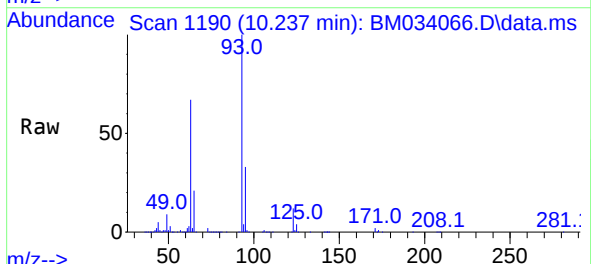
Manual Integrations

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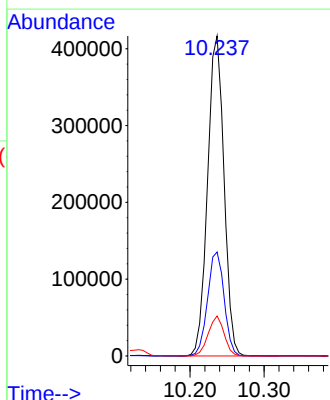
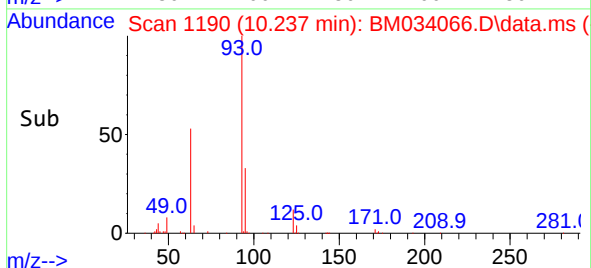
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

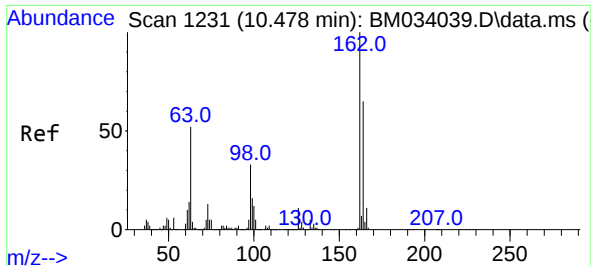


#28
bis(2-Chloroethoxy)methane
Concen: 35.905 ng
RT: 10.237 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion: 93 Resp: 641605
Ion Ratio Lower Upper
93 100
95 32.5 26.8 40.2
123 12.5 8.0 12.0#





#29

2,4-Dichlorophenol

Concen: 42.712 ng

RT: 10.472 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034066.D

Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

PB142854BS

Tgt Ion:162 Resp: 612730

Ion Ratio Lower Upper

162 100

164 63.8 44.4 84.4

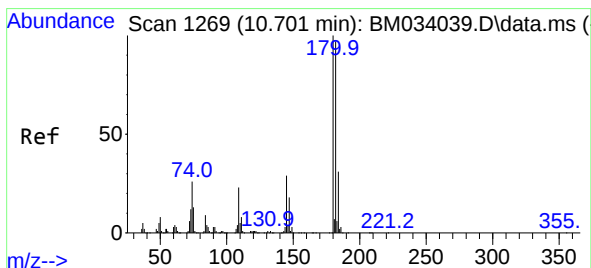
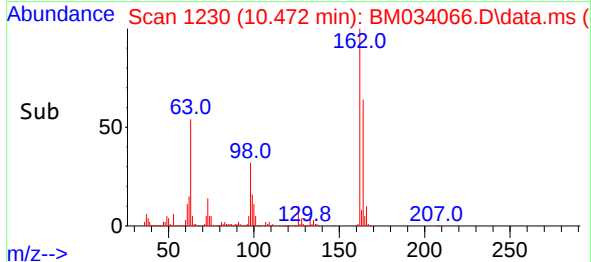
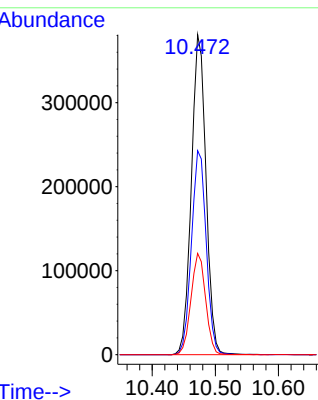
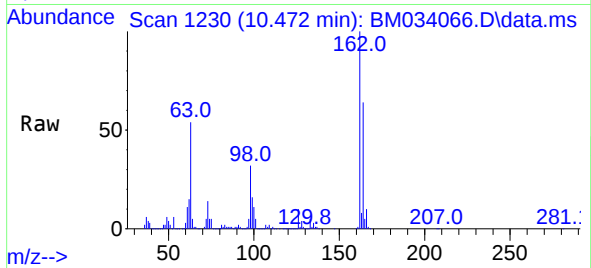
98 31.7 19.6 59.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/25/2022

Supervised By :mohammad ahmed 02/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.410 ng

RT: 10.695 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM034066.D

Acq: 24 Feb 2022 13:13

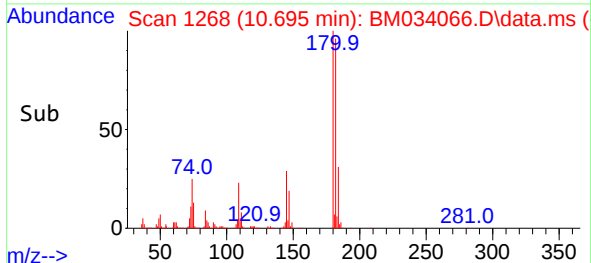
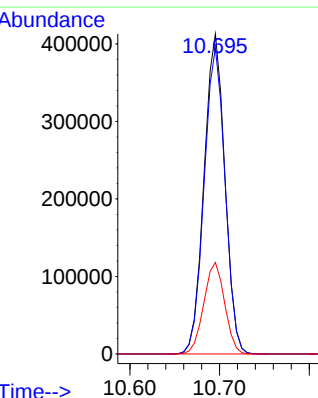
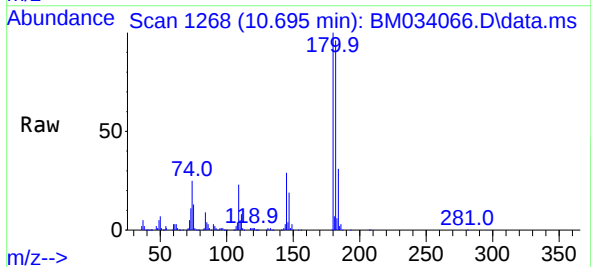
Tgt Ion:180 Resp: 663711

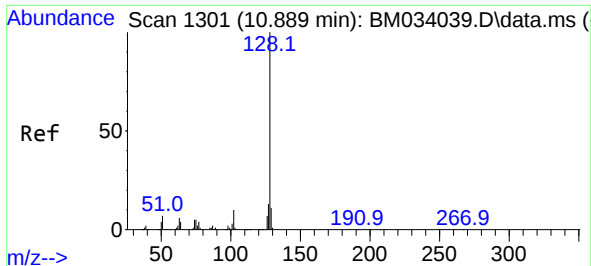
Ion Ratio Lower Upper

180 100

182 95.6 77.8 116.8

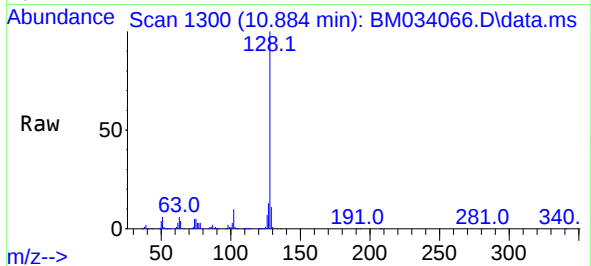
145 28.6 26.0 39.0





#31
Naphthalene
Concen: 38.783 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

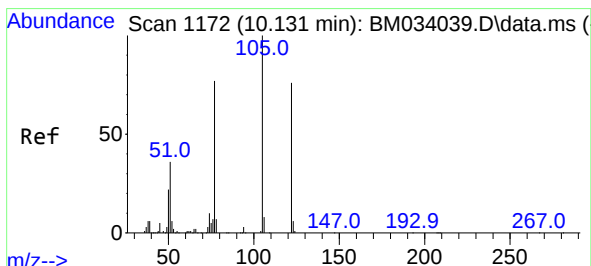
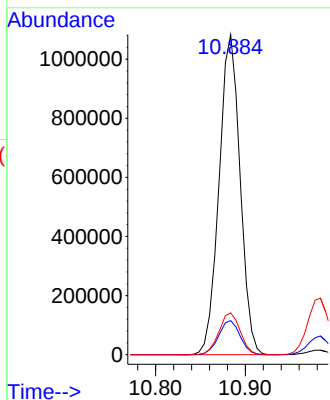
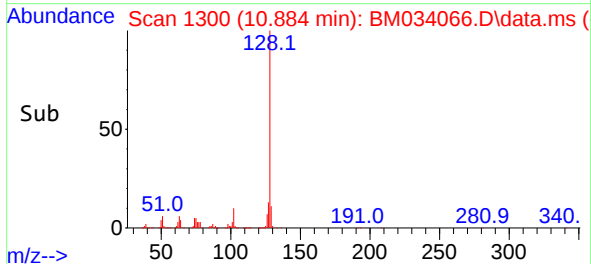
Instrument :
BNA_M
ClientSampleId :
PB142854BS



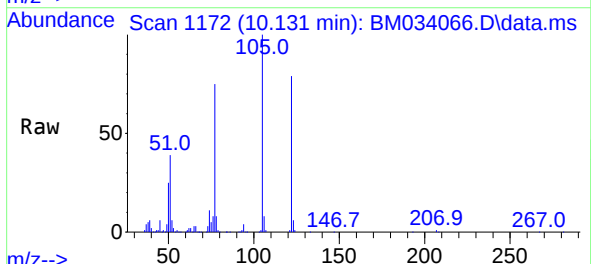
Tgt Ion:128 Resp: 176049
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.1 10.8 16.2

Manual Integrations
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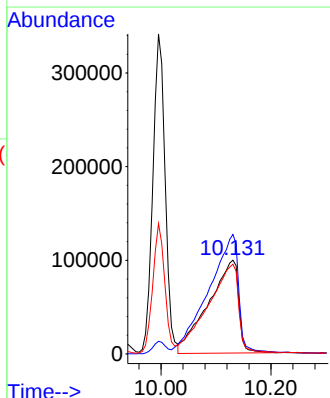
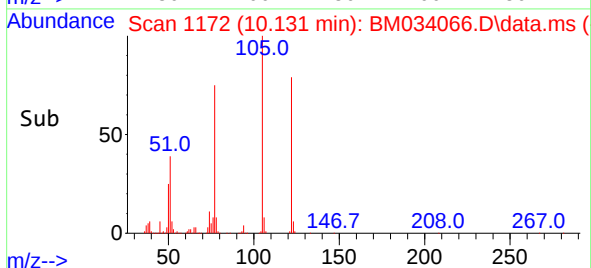
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

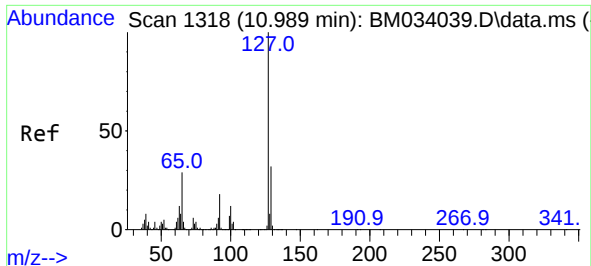


#32
Benzoic acid
Concen: 43.217 ng
RT: 10.131 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:122 Resp: 379759
Ion Ratio Lower Upper
122 100
105 127.3 119.6 159.6
77 95.6 101.0 141.0#





#33
4-Chloroaniline
Concen: 17.523 ng
RT: 10.984 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

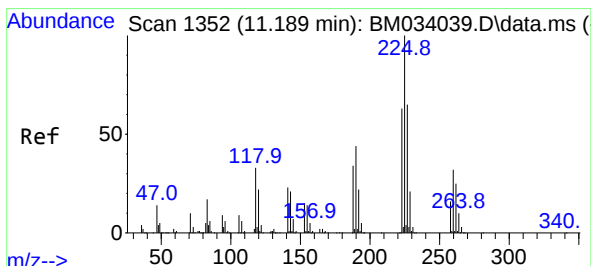
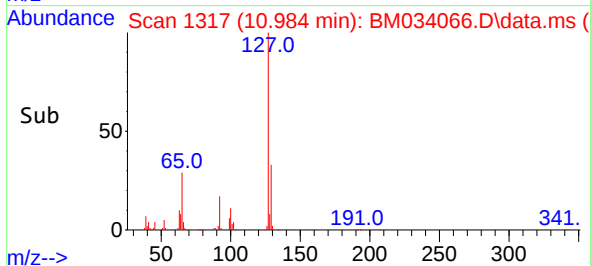
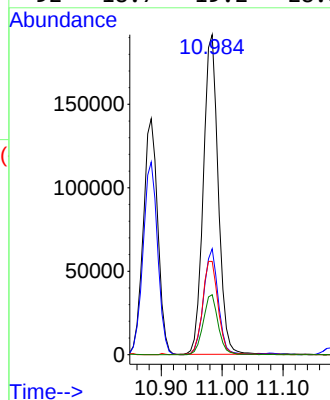
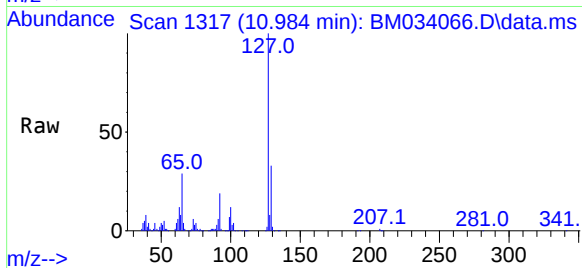
PB142854BS

Tgt Ion:127 Resp: 325674
Ion Ratio Lower Upper
127 100
129 33.1 26.2 39.4
65 29.1 33.0 49.6
92 18.7 19.2 28.8#

Manual Integrations

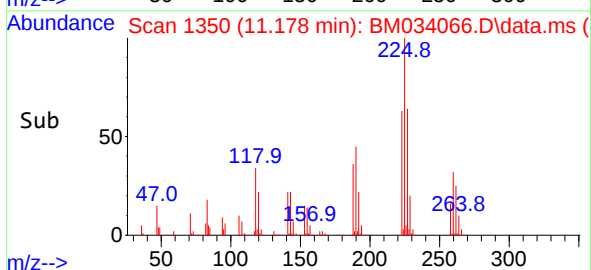
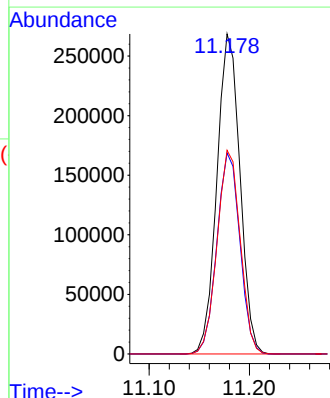
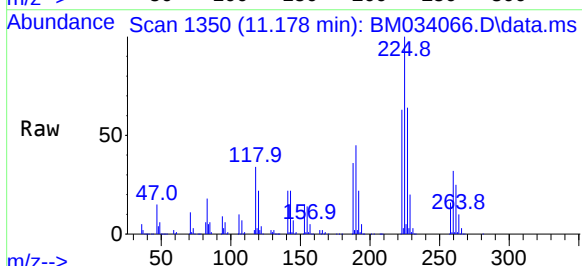
APPROVED

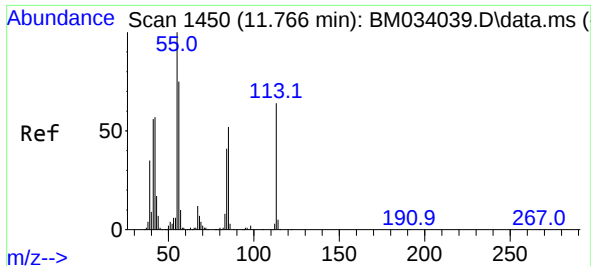
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#34
Hexachlorobutadiene
Concen: 40.028 ng
RT: 11.178 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

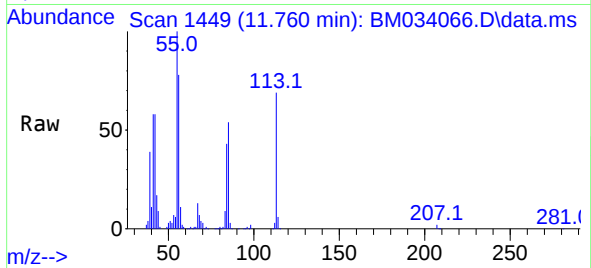
Tgt Ion:225 Resp: 428328
Ion Ratio Lower Upper
225 100
223 62.8 52.5 78.7
227 63.7 52.7 79.1





#35
Caprolactam
Concen: 55.176 ng
RT: 11.760 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

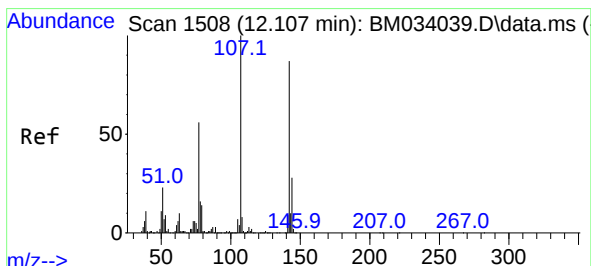
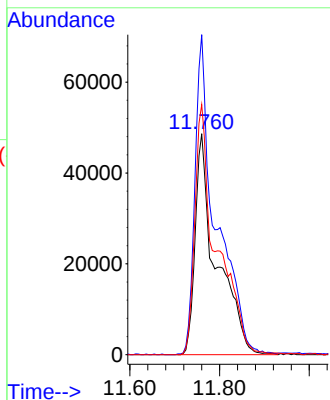
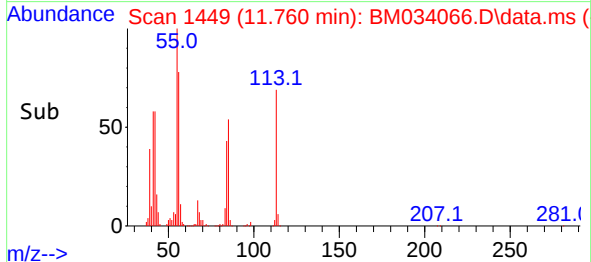
Instrument :
BNA_M
ClientSampleId :
PB142854BS



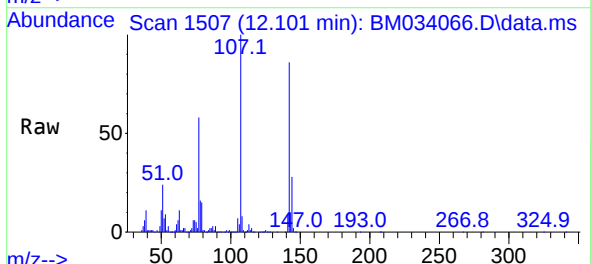
Tgt Ion:113 Resp: 159560
Ion Ratio Lower Upper
113 100
55 144.8 183.6 223.6#
56 113.2 143.7 183.7#

Manual Integrations
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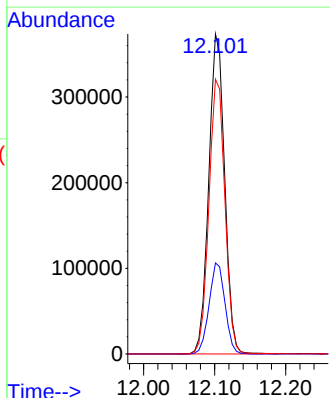
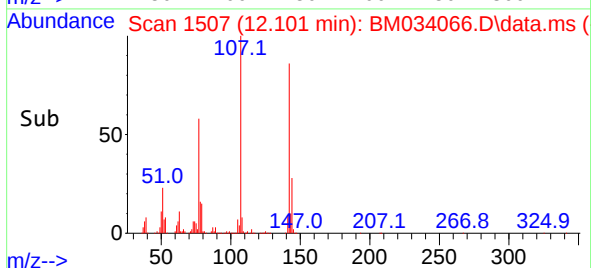
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

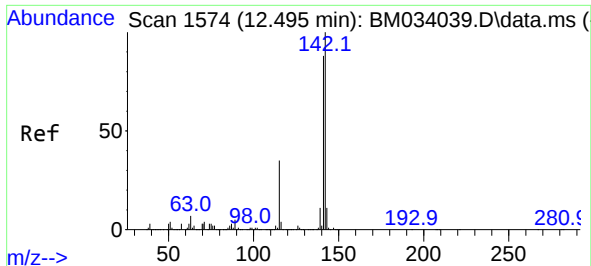


#36
4-Chloro-3-methylphenol
Concen: 41.123 ng
RT: 12.101 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



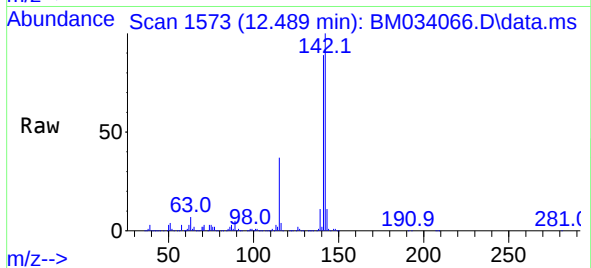
Tgt Ion:107 Resp: 580881
Ion Ratio Lower Upper
107 100
144 28.4 18.6 27.8#
142 85.8 56.9 85.3#





#37
2-Methylnaphthalene
Concen: 41.590 ng
RT: 12.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

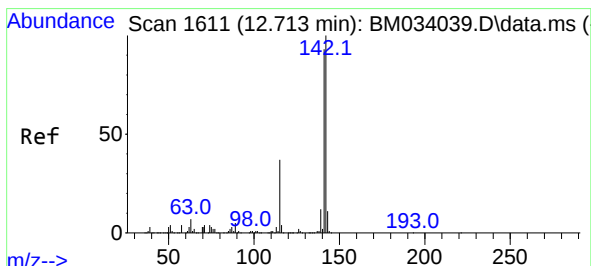
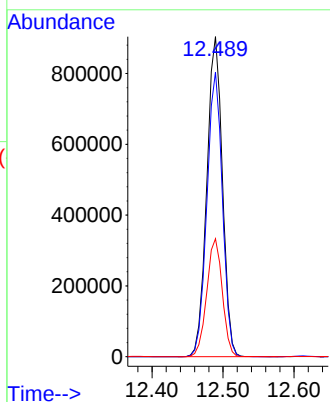
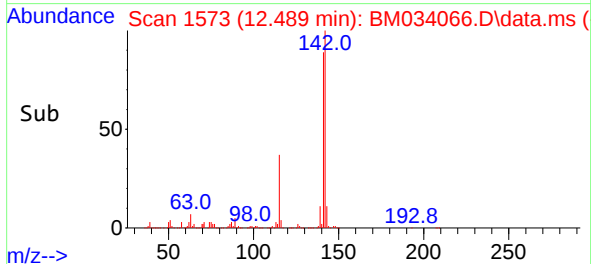
Instrument :
BNA_M
ClientSampleId :
PB142854BS



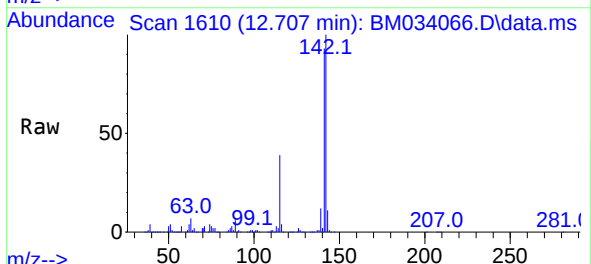
Tgt Ion:142 Resp: 1377352
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2
115 36.9 33.0 49.6

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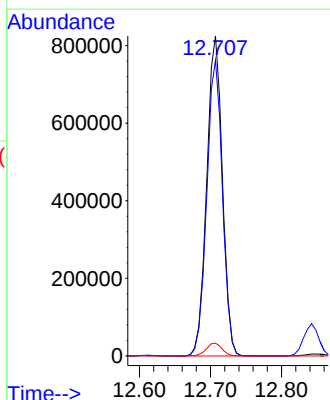
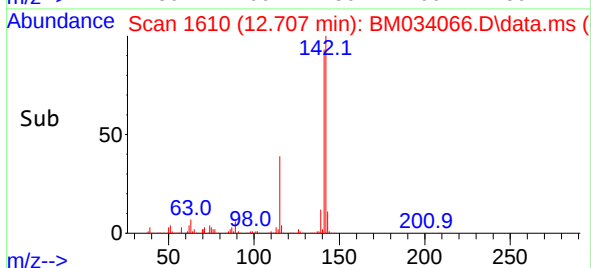
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

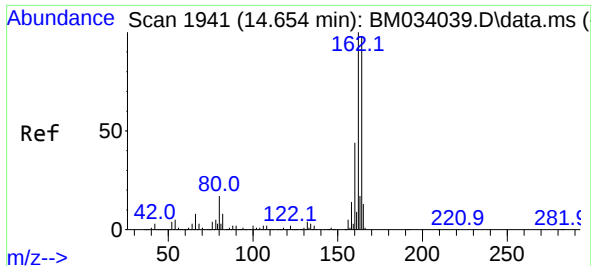


#38
1-Methylnaphthalene
Concen: 39.183 ng
RT: 12.707 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



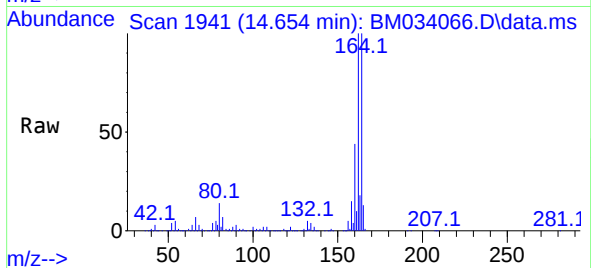
Tgt Ion:142 Resp: 1265232
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4
116 4.0 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.654 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

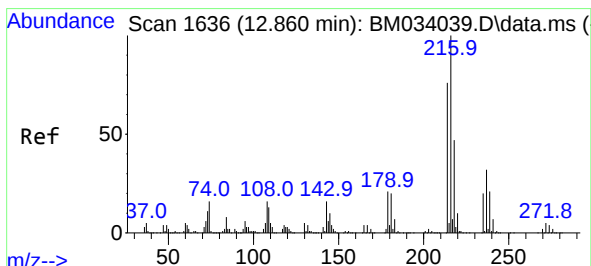
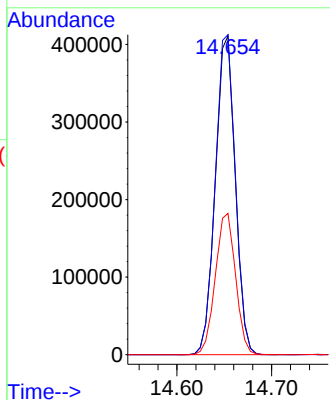
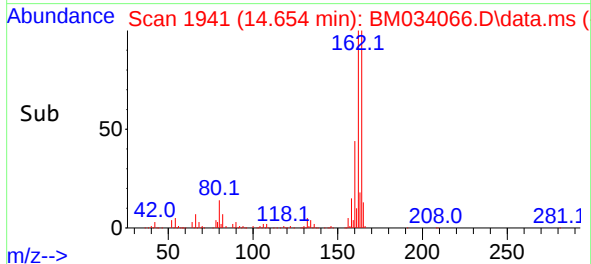
Instrument :
BNA_M
ClientSampleId :
PB142854BS



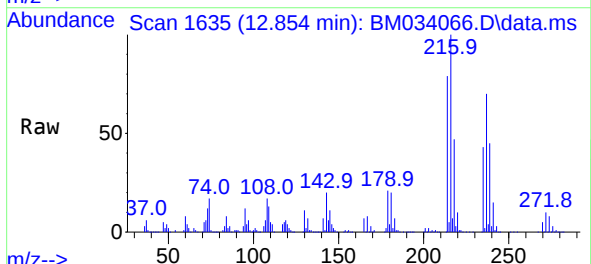
Tgt Ion:164 Resp: 599520
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 44.3 34.2 51.4

Manual Integrations
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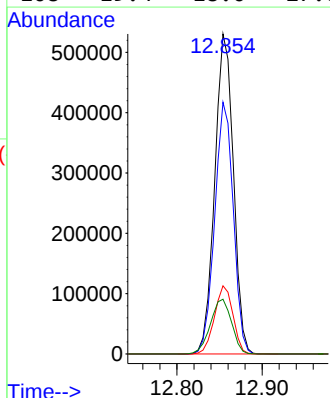
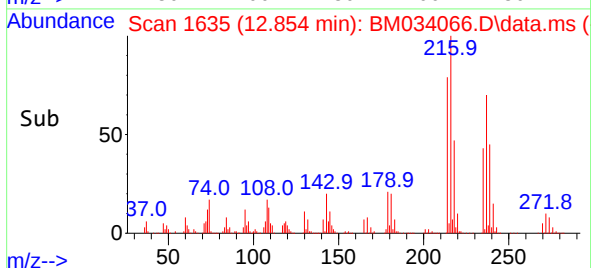
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

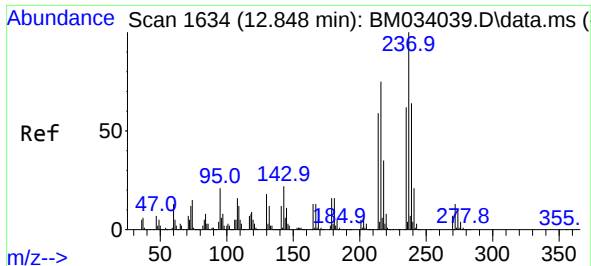


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.162 ng
RT: 12.854 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



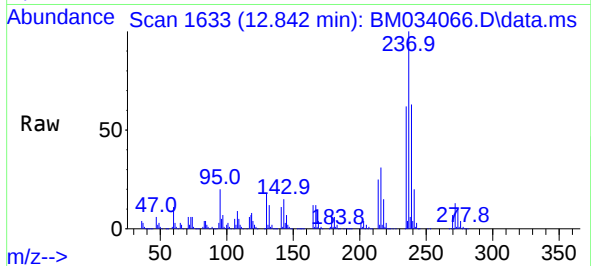
Tgt Ion:216 Resp: 808135
Ion Ratio Lower Upper
216 100
214 78.5 62.6 93.8
179 21.2 18.2 27.2
108 19.4 18.0 27.0





#41
Hexachlorocyclopentadiene
Concen: 94.226 ng
RT: 12.842 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

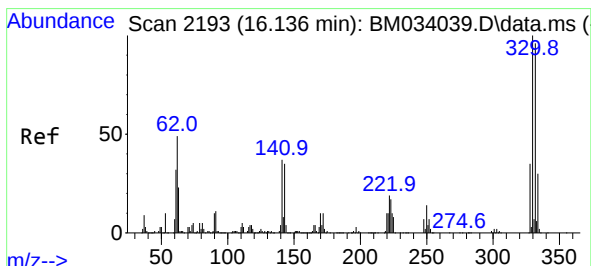
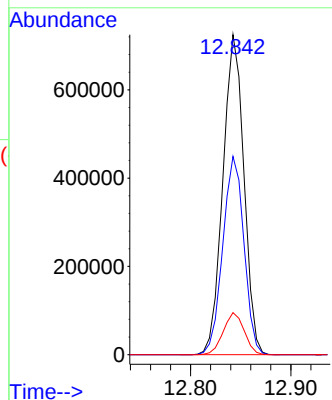
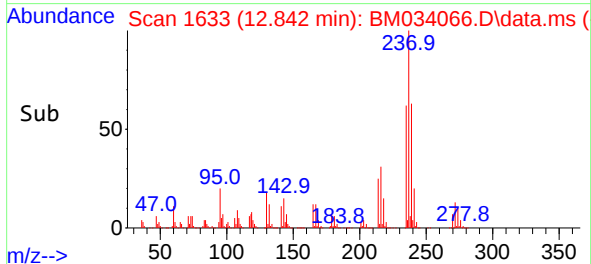
Instrument :
BNA_M
ClientSampleId :
PB142854BS



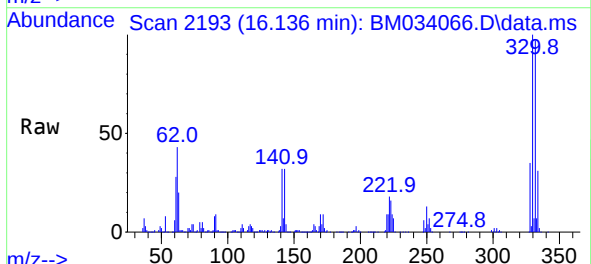
Tgt Ion:237 Resp: 1055028
Ion Ratio Lower Upper
237 100
235 62.0 41.7 81.7
272 13.2 0.0 32.5

Manual Integrations
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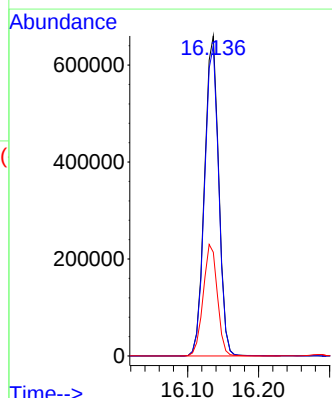
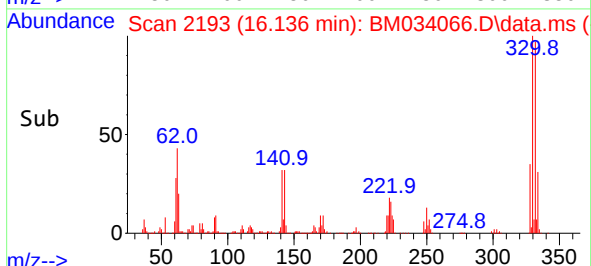
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

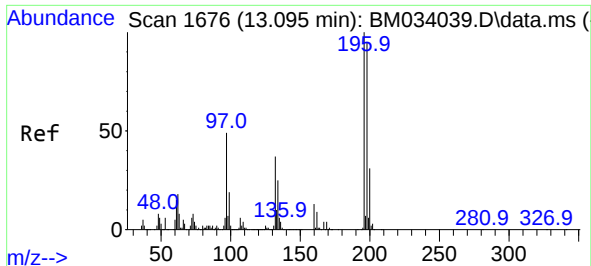


#42
2,4,6-Tribromophenol
Concen: 126.183 ng
RT: 16.136 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:330 Resp: 918144
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.9 35.9 53.9#





#43
2,4,6-Trichlorophenol
Concen: 43.309 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

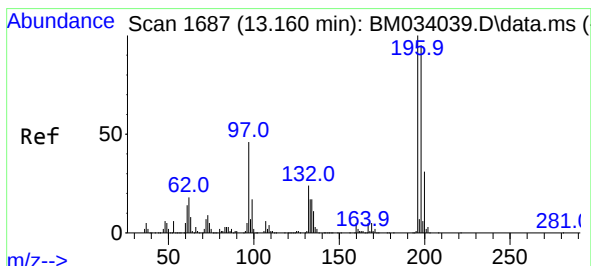
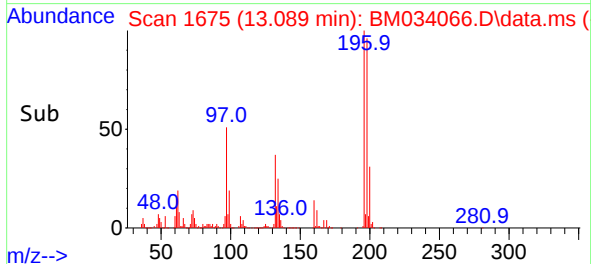
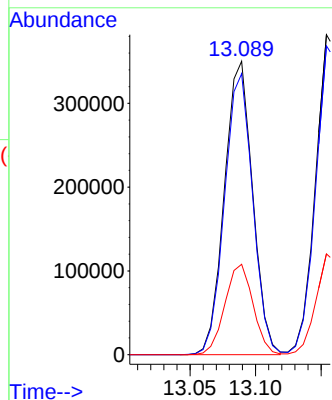
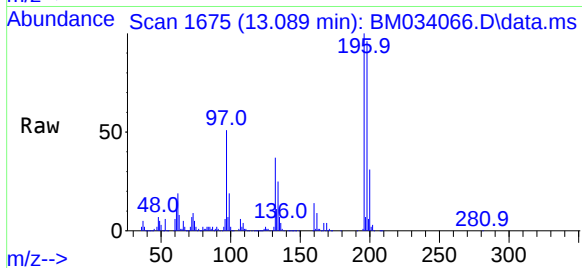
PB142854BS

Tgt Ion:196 Resp: 52494
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
200 30.8 24.0 36.0

Manual Integrations

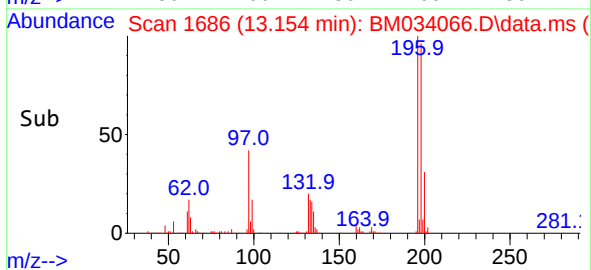
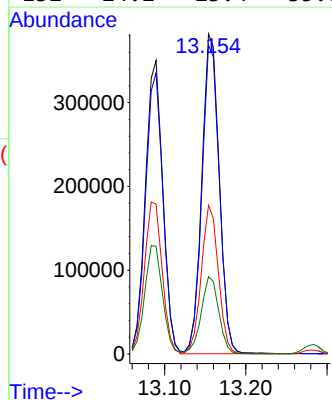
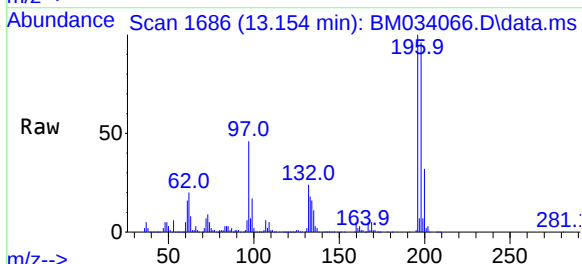
APPROVED

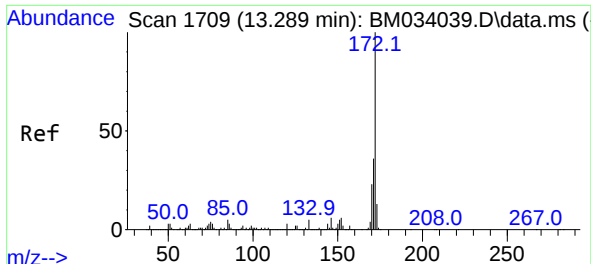
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#44
2,4,5-Trichlorophenol
Concen: 46.275 ng
RT: 13.154 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Tgt Ion:196 Resp: 569796
Ion Ratio Lower Upper
196 100
198 96.5 77.8 116.6
97 46.5 49.7 74.5#
132 24.2 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 74.072 ng
RT: 13.283 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

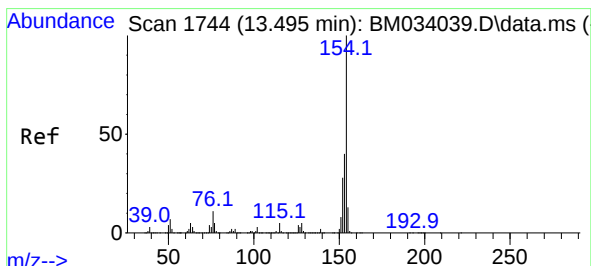
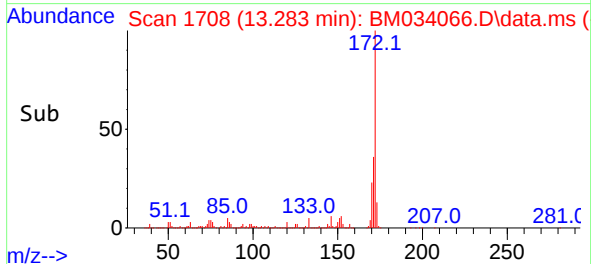
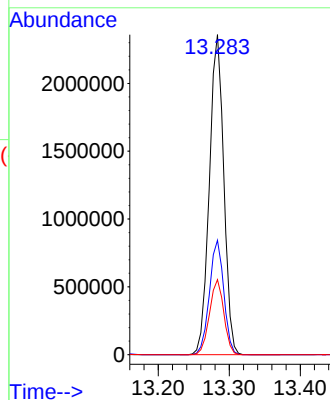
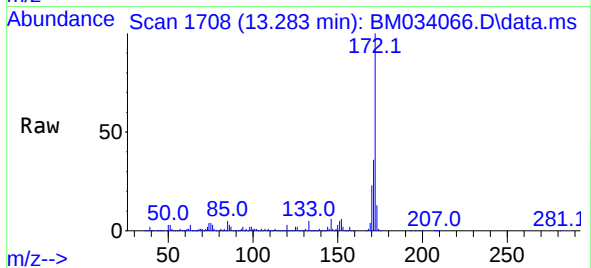
PB142854BS

Tgt Ion:172 Resp: 333317
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.5 18.7 28.1

Manual Integrations

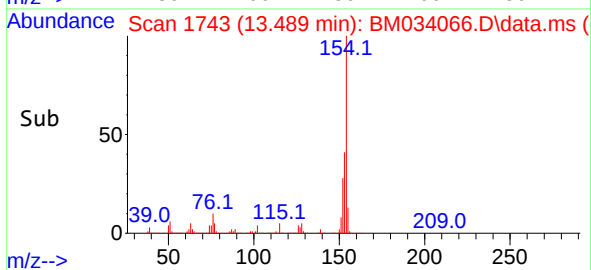
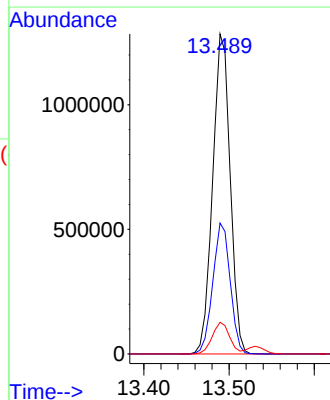
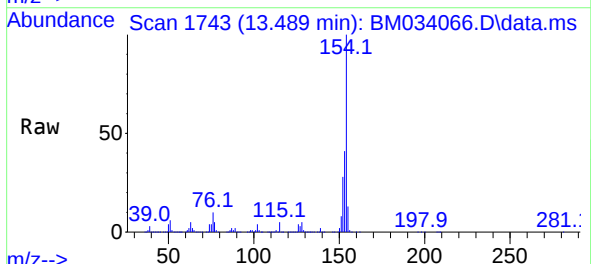
APPROVED

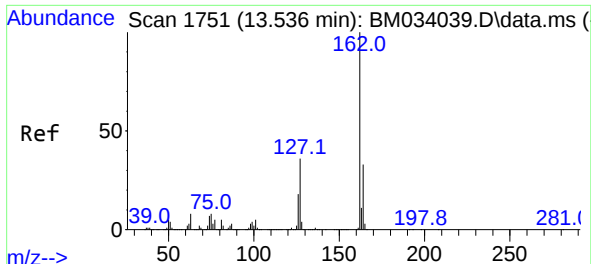
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#46
1,1'-Biphenyl
Concen: 40.058 ng
RT: 13.489 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

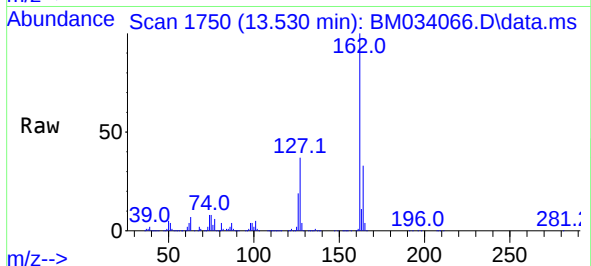
Tgt Ion:154 Resp: 1834928
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 9.9 0.0 34.4





#47
2-Chloronaphthalene
Concen: 39.250 ng
RT: 13.530 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

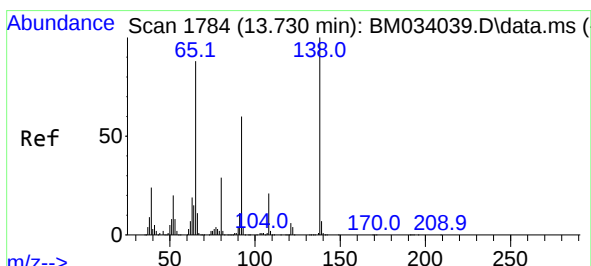
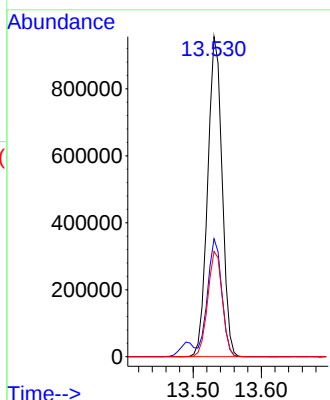
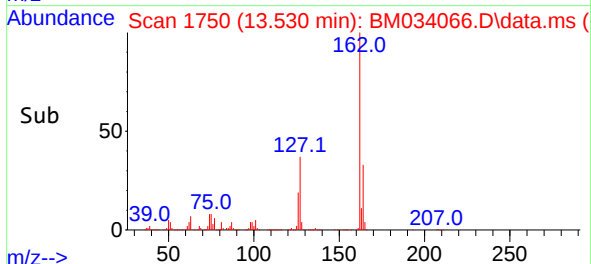
Instrument :
BNA_M
ClientSampleId :
PB142854BS



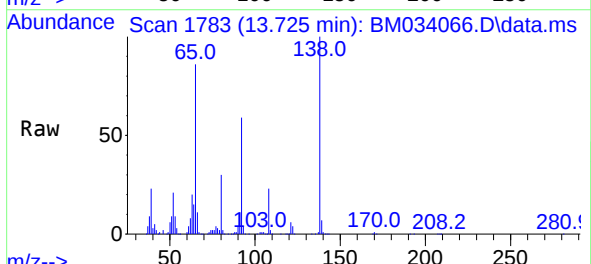
Tgt Ion:162 Resp: 140387
Ion Ratio Lower Upper
162 100
127 36.8 33.8 50.6
164 32.9 26.2 39.4

Manual Integrations
APPROVED

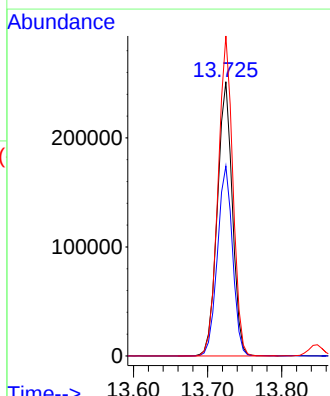
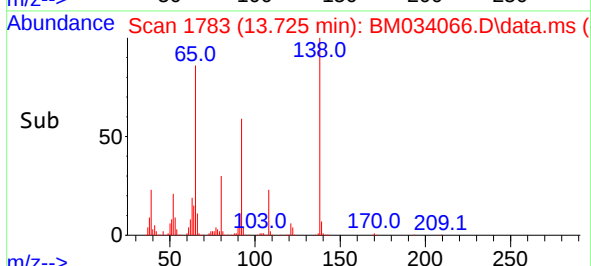
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

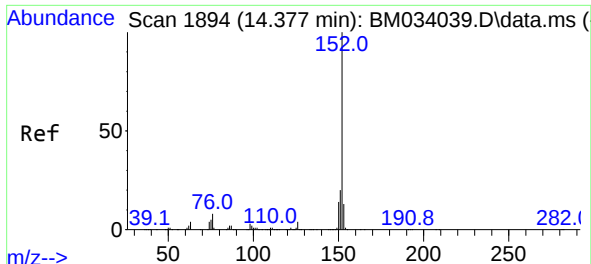


#48
2-Nitroaniline
Concen: 41.718 ng
RT: 13.725 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



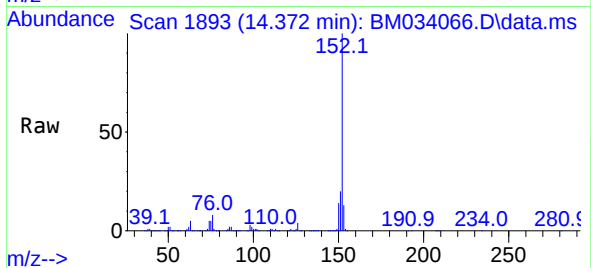
Tgt Ion: 65 Resp: 354365
Ion Ratio Lower Upper
65 100
92 69.3 50.0 75.0
138 116.7 65.7 98.5#





#49
Acenaphthylene
Concen: 40.498 ng
RT: 14.372 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

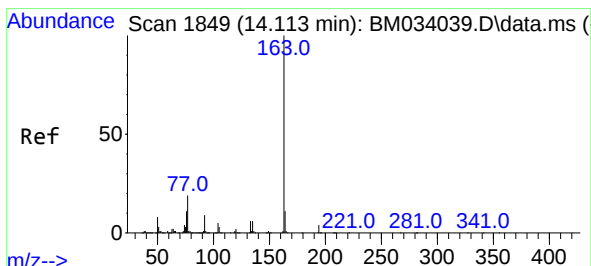
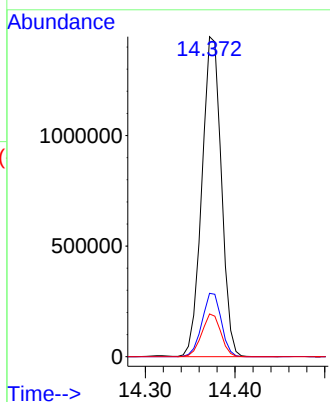
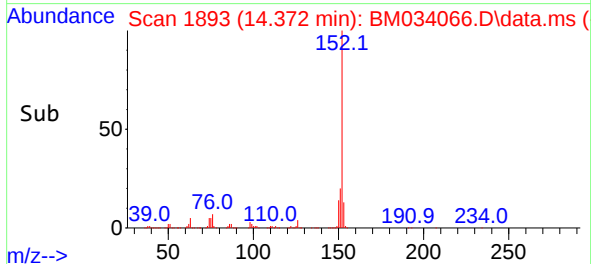
Instrument :
BNA_M
ClientSampleId :
PB142854BS



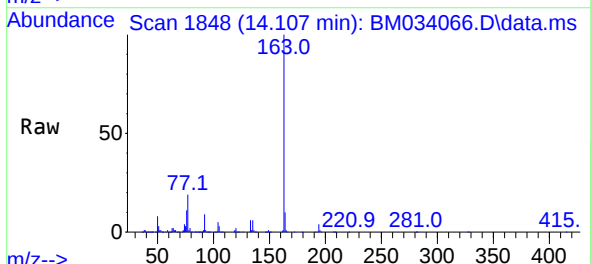
Tgt Ion:152 Resp: 217084
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 13.4 10.4 15.6

Manual Integrations
APPROVED

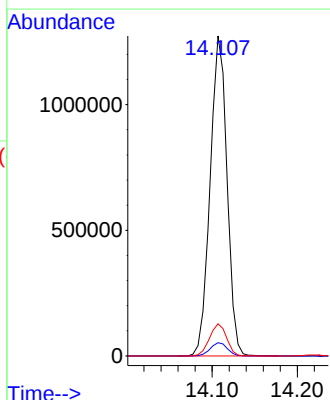
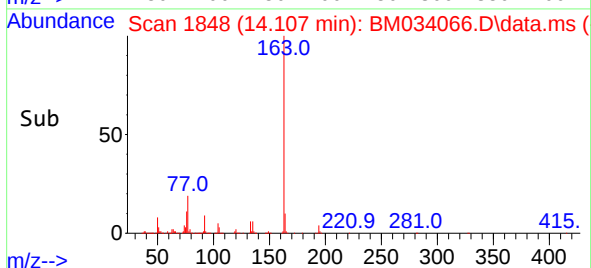
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

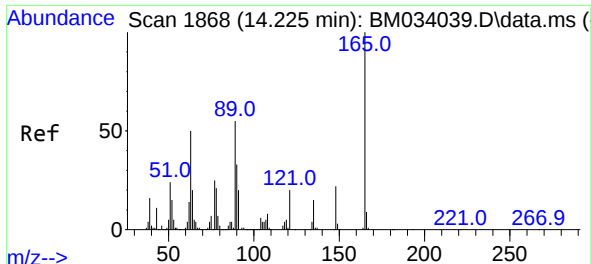


#50
Dimethylphthalate
Concen: 39.419 ng
RT: 14.107 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



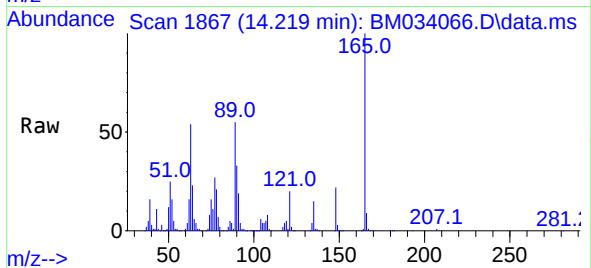
Tgt Ion:163 Resp: 1752060
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.185 ng
RT: 14.219 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

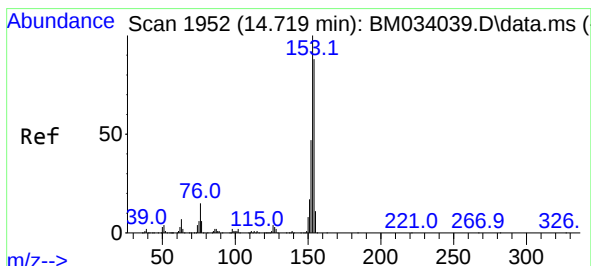
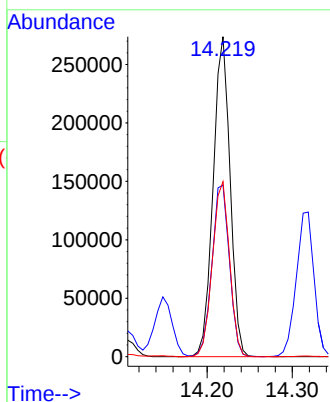
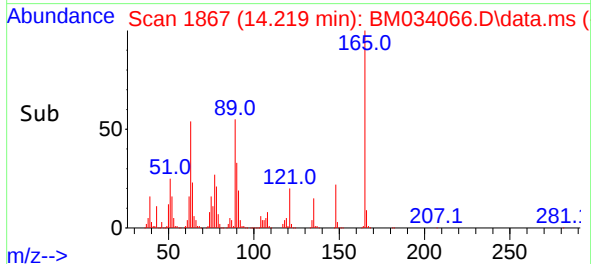
Instrument :
BNA_M
ClientSampleId :
PB142854BS



Tgt Ion:165 Resp: 379822
Ion Ratio Lower Upper
165 100
63 53.6 56.9 85.3
89 54.7 54.3 81.5

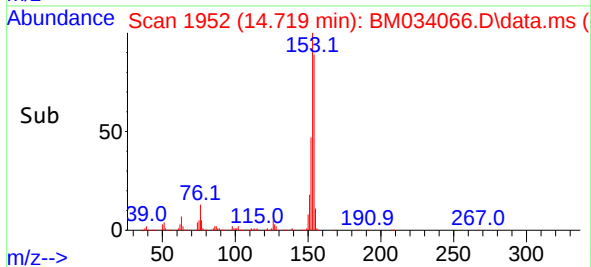
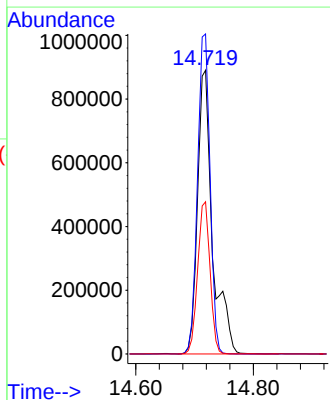
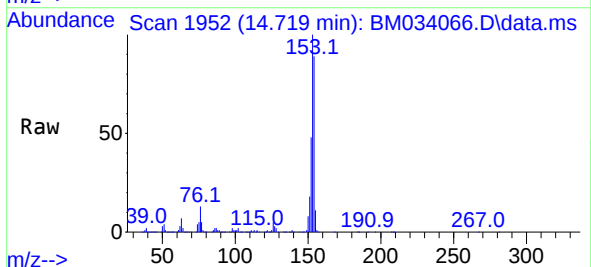
Manual Integrations
APPROVED

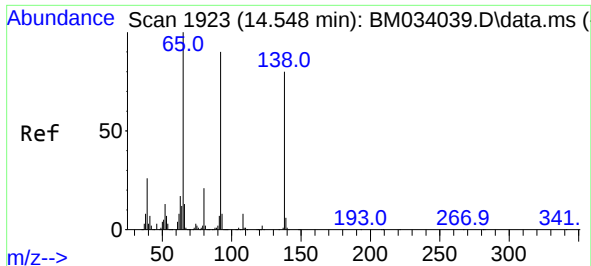
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#52
Acenaphthene
Concen: 44.434 ng
RT: 14.719 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

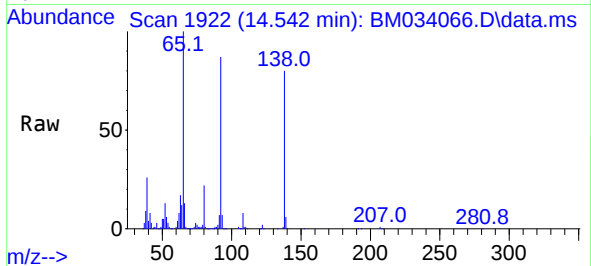
Tgt Ion:154 Resp: 1573821
Ion Ratio Lower Upper
154 100
153 112.8 90.2 135.4
152 53.7 43.5 65.3





#53
3-Nitroaniline
Concen: 28.229 ng
RT: 14.542 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

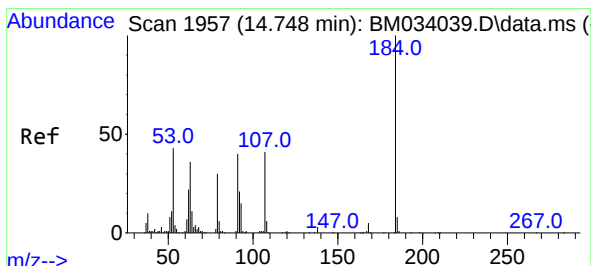
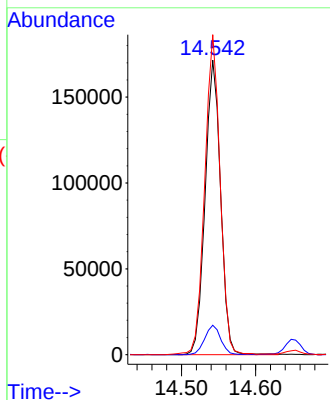
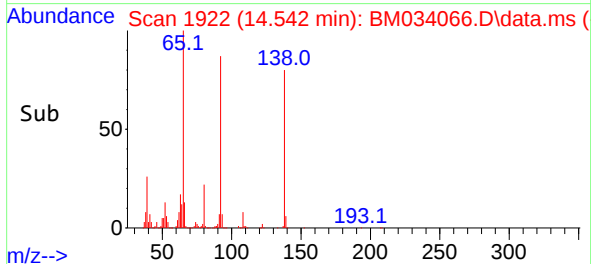
Instrument :
BNA_M
ClientSampleId :
PB142854BS



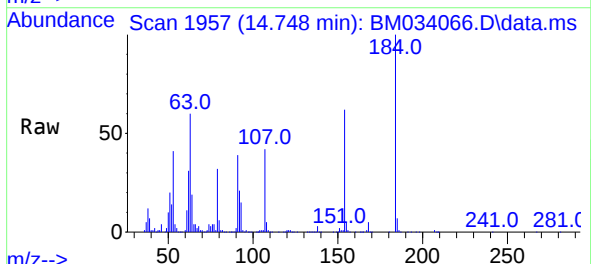
Tgt Ion:138 Resp: 248332
Ion Ratio Lower Upper
138 100
108 10.0 9.5 14.3
92 108.7 106.6 159.8

Manual Integrations
APPROVED

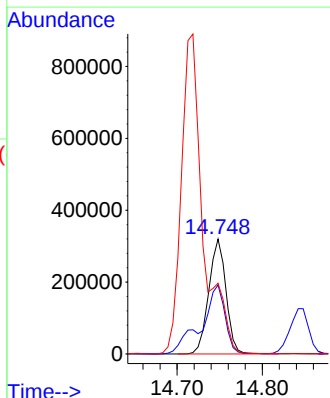
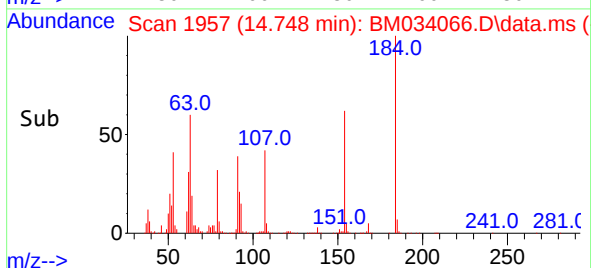
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

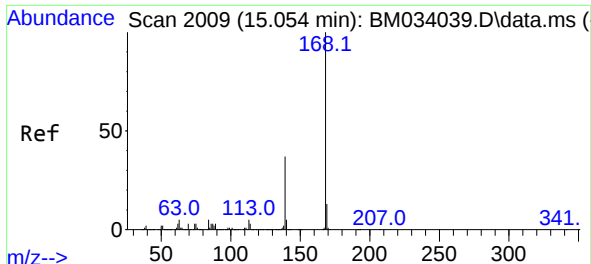


#54
2,4-Dinitrophenol
Concen: 91.045 ng
RT: 14.748 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



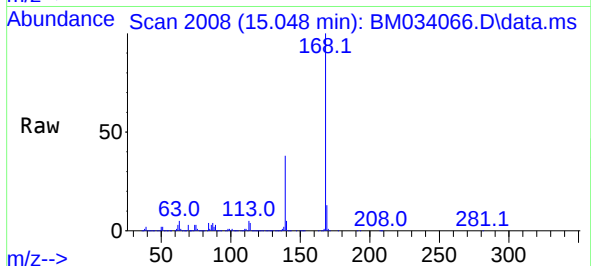
Tgt Ion:184 Resp: 448699
Ion Ratio Lower Upper
184 100
63 60.1 71.8 107.6#
154 61.6 55.7 83.5





#55
Dibenzenofuran
Concen: 38.311 ng
RT: 15.048 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

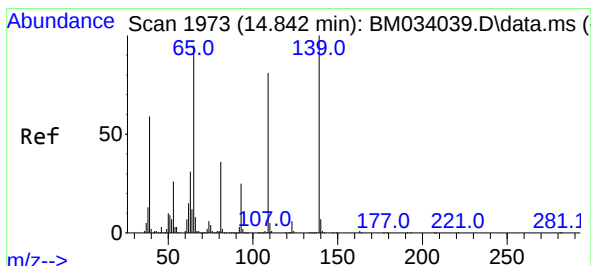
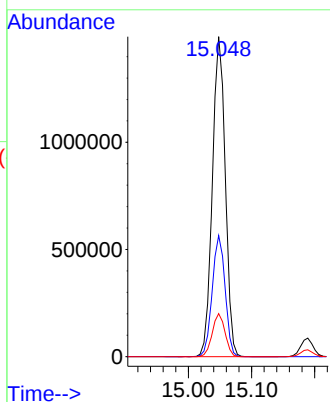
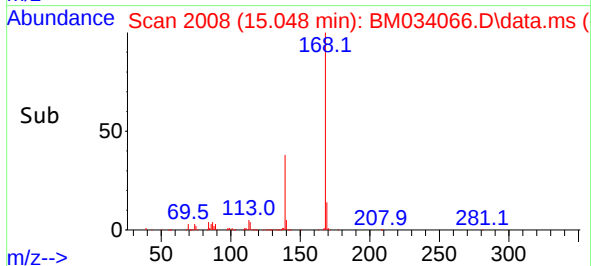
Instrument :
BNA_M
ClientSampleId :
PB142854BS



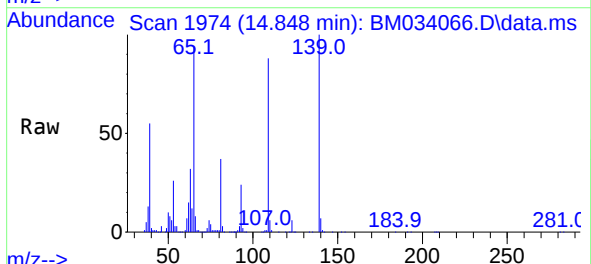
Tgt Ion:168 Resp: 2119574
Ion Ratio Lower Upper
168 100
139 37.8 31.4 47.2
169 13.5 10.6 15.8

Manual Integrations
APPROVED

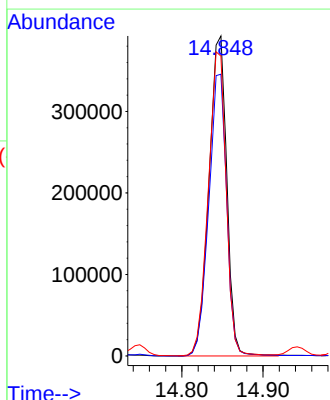
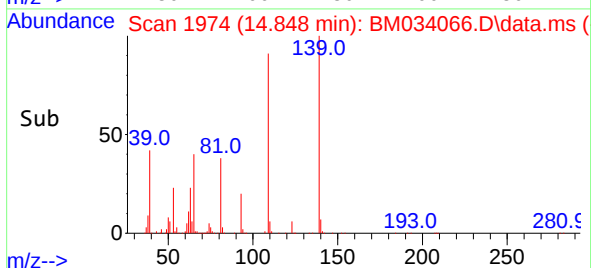
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

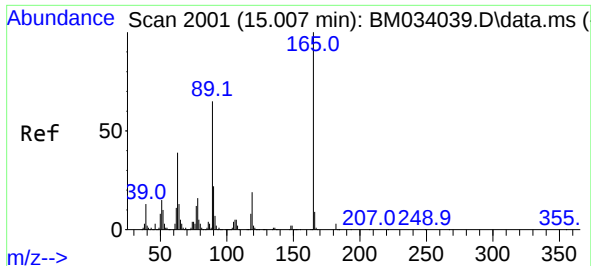


#56
4-Nitrophenol
Concen: 84.040 ng
RT: 14.848 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:139 Resp: 597579
Ion Ratio Lower Upper
139 100
109 88.1 75.3 115.3
65 93.7 107.4 147.4#





#57
2,4-Dinitrotoluene
Concen: 44.857 ng
RT: 15.001 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

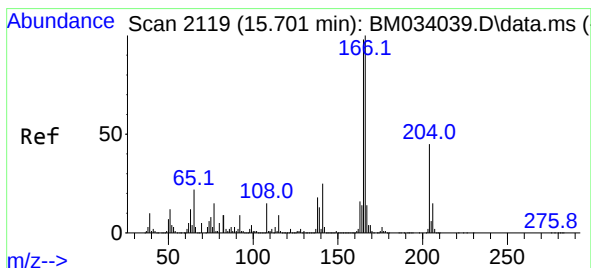
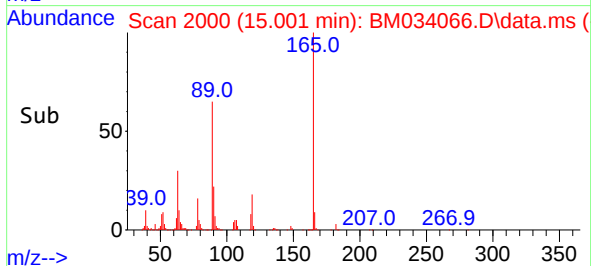
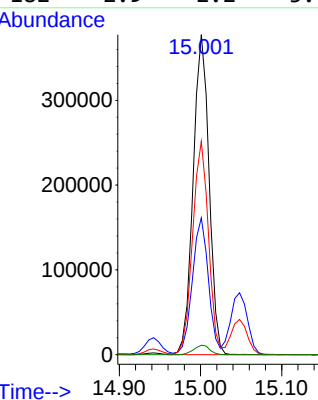
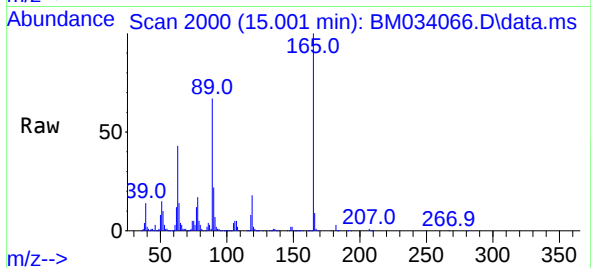
PB142854BS

Tgt Ion:165 Resp: 51304
Ion Ratio Lower Upper
165 100
63 42.8 46.2 69.4
89 66.7 72.0 108.0
182 2.9 2.2 3.4

Manual Integrations

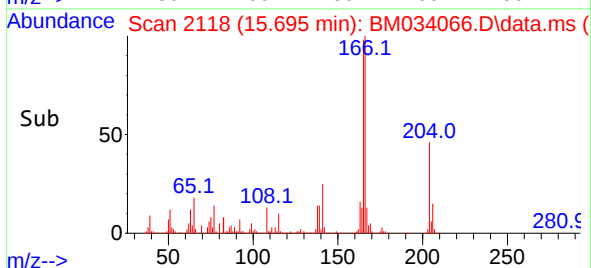
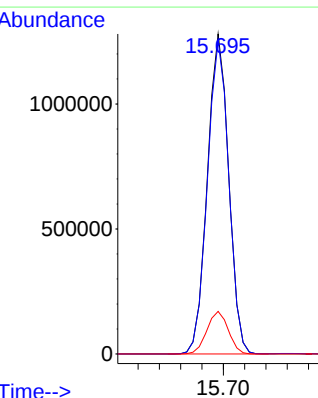
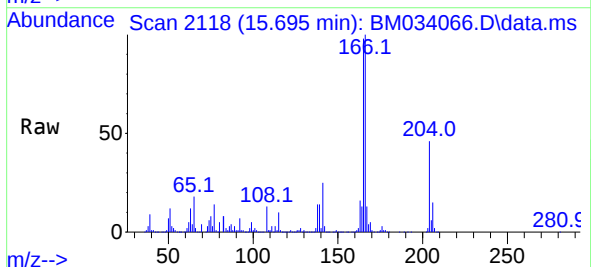
APPROVED

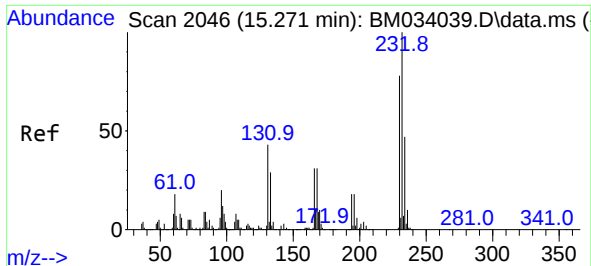
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#58
Fluorene
Concen: 39.861 ng
RT: 15.695 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

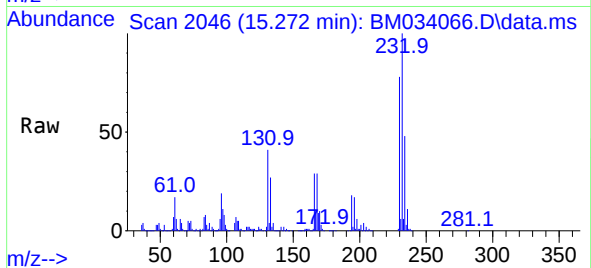
Tgt Ion:166 Resp: 1772820
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.450 ng
RT: 15.272 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

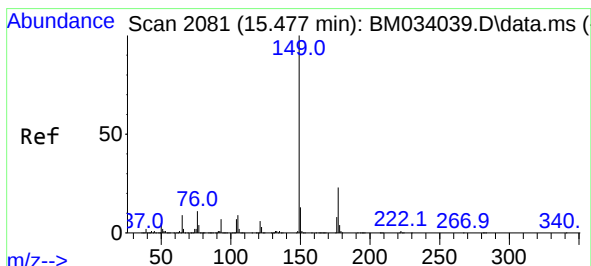
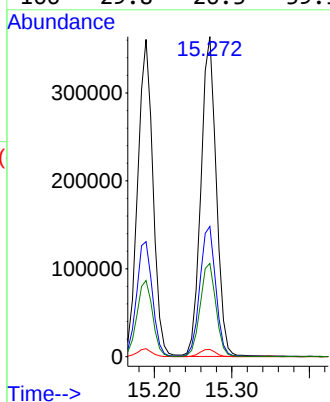
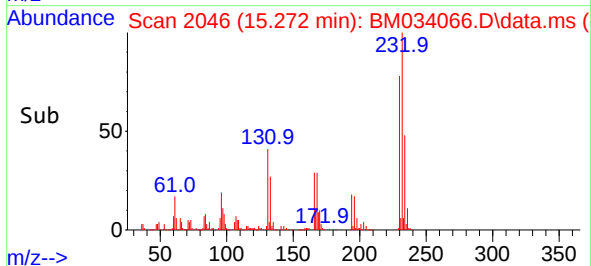
Instrument :
BNA_M
ClientSampleId :
PB142854BS



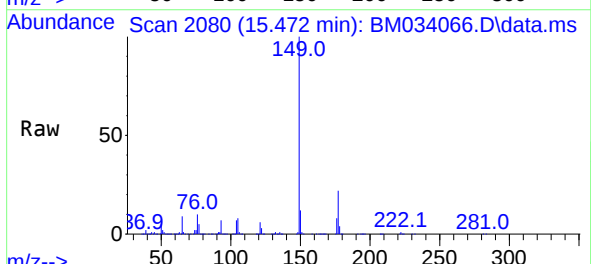
Tgt Ion:232 Resp: 499933
Ion Ratio Lower Upper
232 100
131 42.1 41.4 62.0
130 2.4 2.4 3.6
166 29.8 26.3 39.5

Manual Integrations
APPROVED

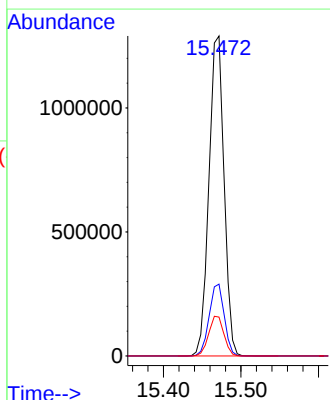
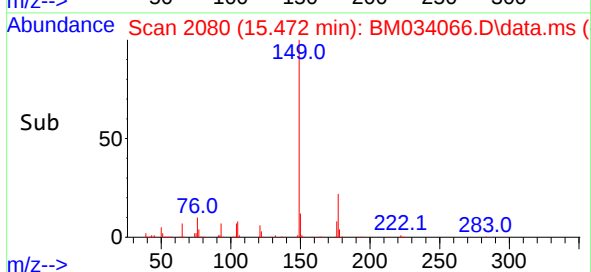
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

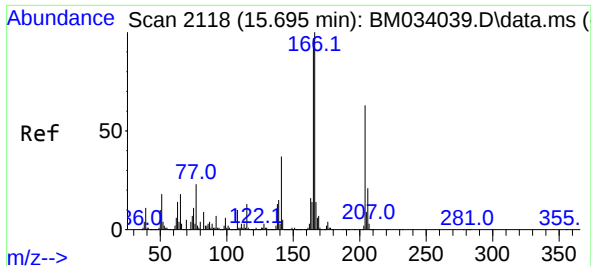


#60
Diethylphthalate
Concen: 39.334 ng
RT: 15.472 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:149 Resp: 1748229
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.2 10.3 15.5





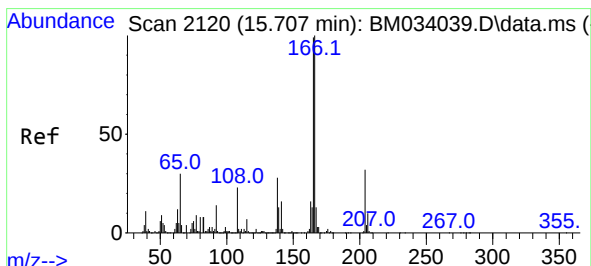
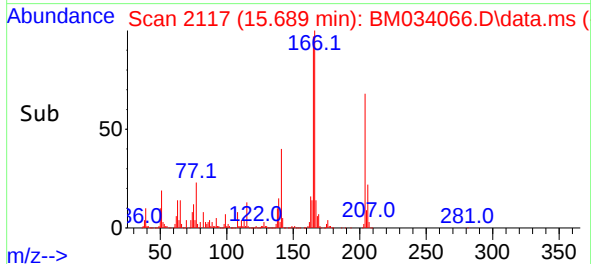
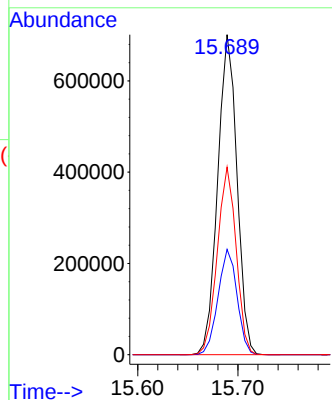
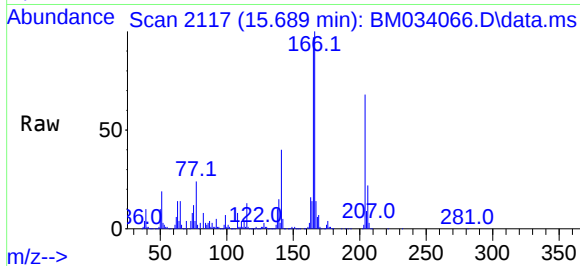
#61
4-Chlorophenyl-phenylether
Concen: 39.238 ng
RT: 15.689 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :
BNA_M
ClientSampleId :
PB142854BS

Tgt Ion:204 Resp: 934539
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.2
141 58.6 50.6 76.0

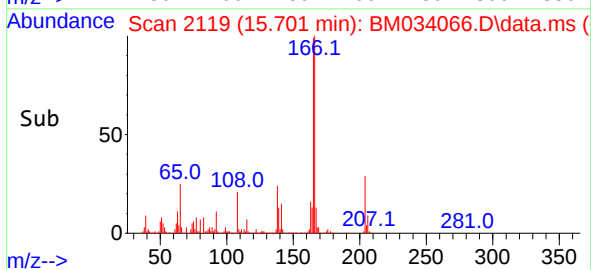
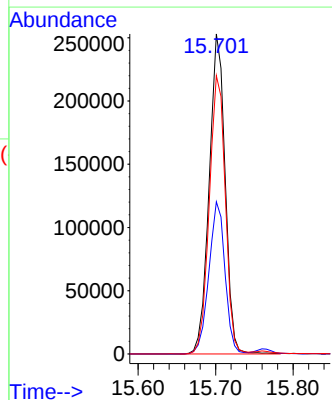
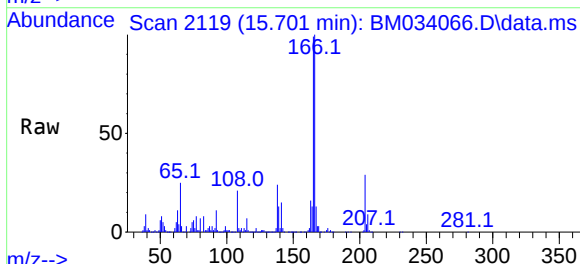
Manual Integrations
APPROVED

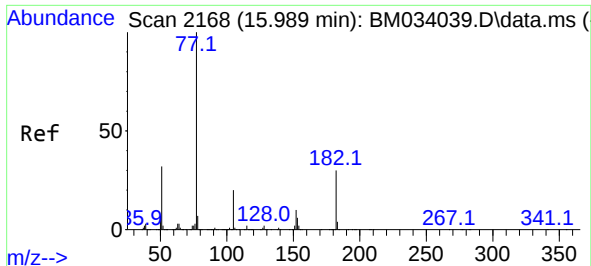
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#62
4-Nitroaniline
Concen: 39.653 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

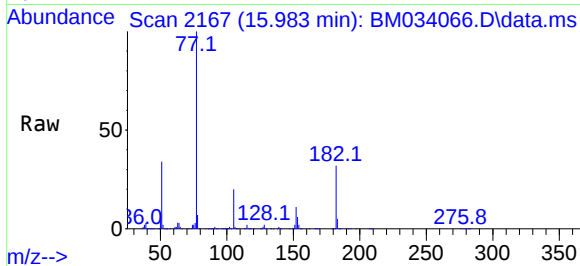
Tgt Ion:138 Resp: 362020
Ion Ratio Lower Upper
138 100
92 47.5 38.7 78.7
108 86.9 81.9 121.9





#63
Azobenzene
Concen: 37.372 ng
RT: 15.983 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

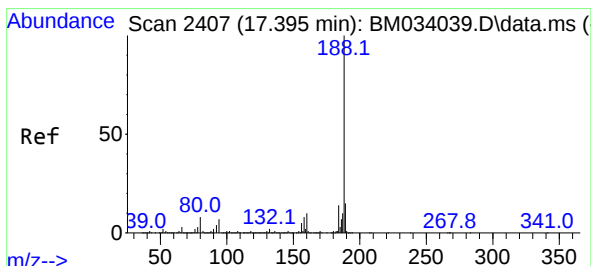
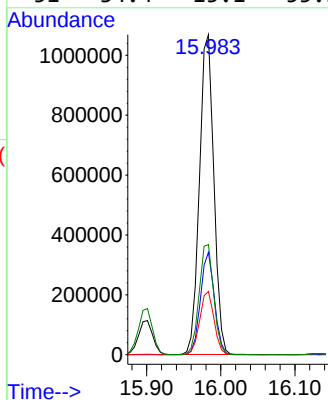
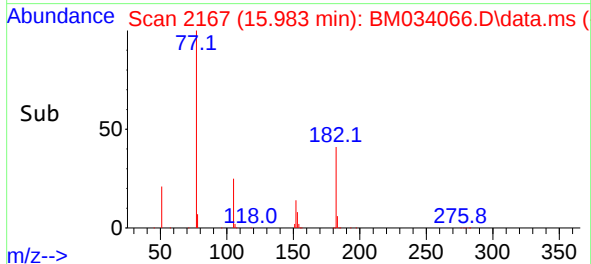
Instrument :
BNA_M
ClientSampleId :
PB142854BS



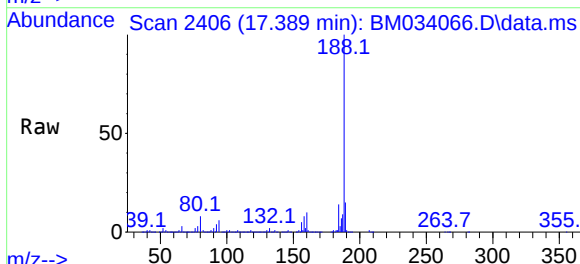
Tgt Ion: 77 Resp: 1442890
Ion Ratio Lower Upper
77 100
182 32.0 0.3 40.3
105 19.7 0.0 38.3
51 34.4 15.1 55.1

Manual Integrations
APPROVED

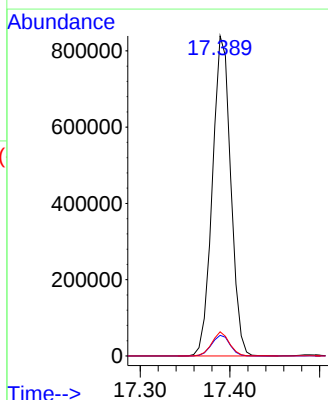
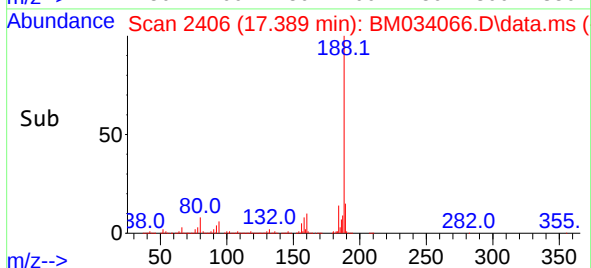
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

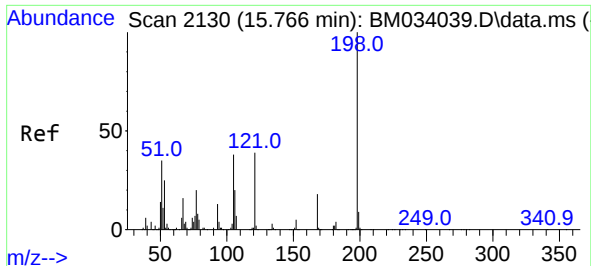


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



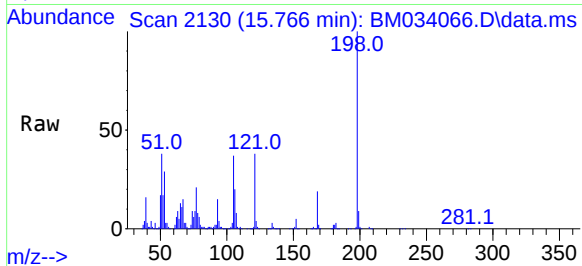
Tgt Ion:188 Resp: 1189521
Ion Ratio Lower Upper
188 100
94 6.5 7.5 11.3#
80 7.5 8.9 13.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 39.872 ng
RT: 15.766 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

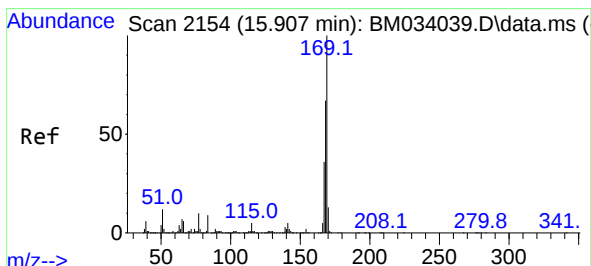
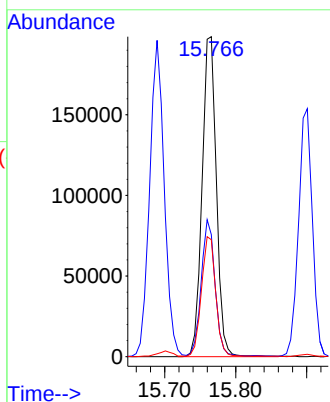
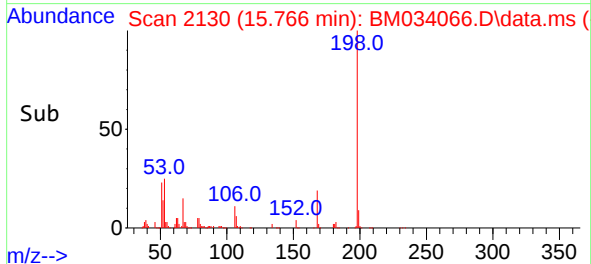
Instrument :
BNA_M
ClientSampleId :
PB142854BS



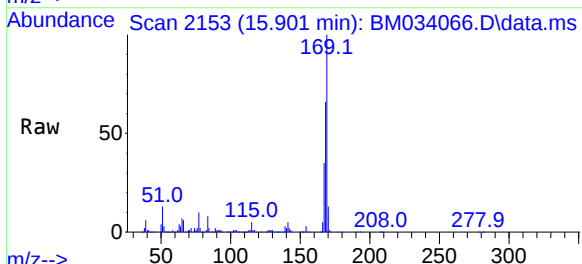
Tgt Ion:198 Resp: 278000
Ion Ratio Lower Upper
198 100
51 38.2 47.9 87.9
105 36.6 32.6 72.6

Manual Integrations
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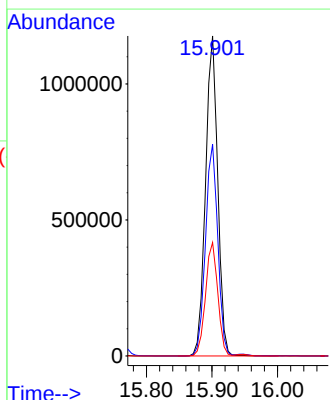
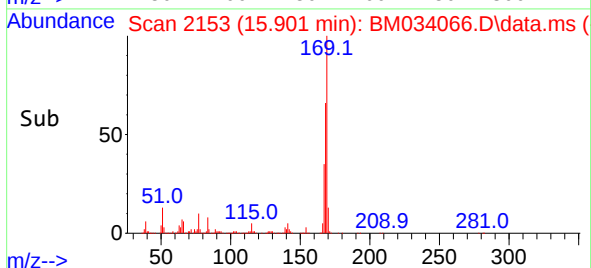
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

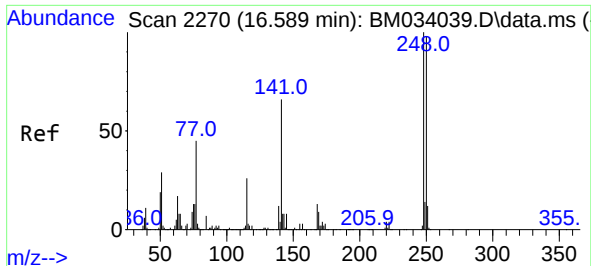


#66
n-Nitrosodiphenylamine
Concen: 40.828 ng
RT: 15.901 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:169 Resp: 1520452
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 35.4 28.4 42.6





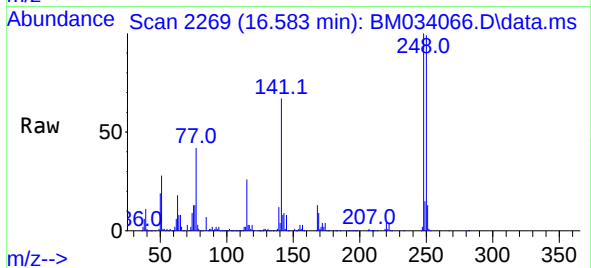
#67
4-Bromophenyl-phenylether
Concen: 41.884 ng
RT: 16.583 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

PB142854BS

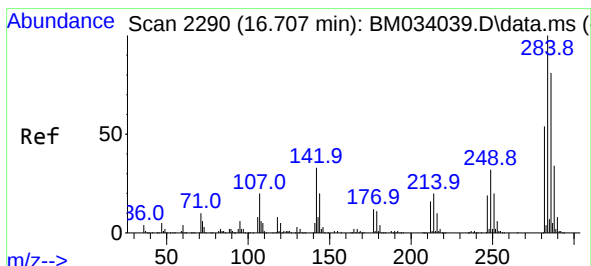
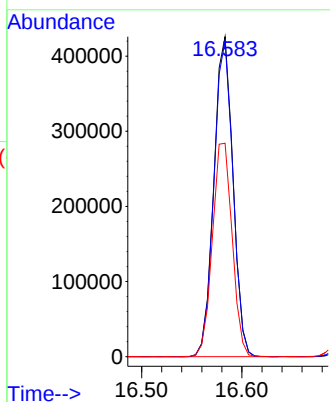
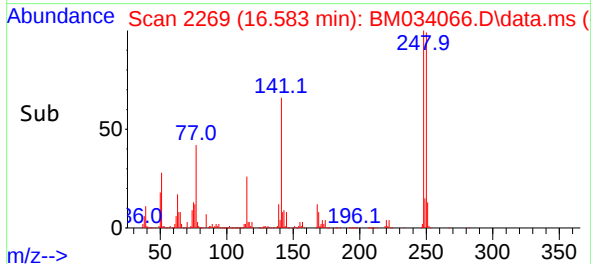


Tgt Ion:248 Resp: 562819
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.2
141 66.7 65.4 98.2

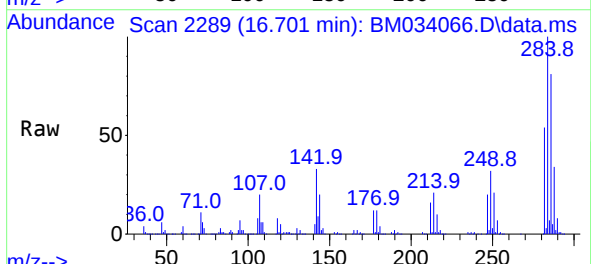
Manual Integrations

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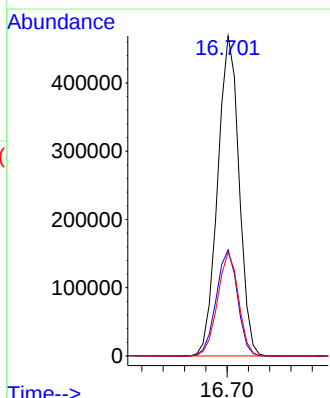
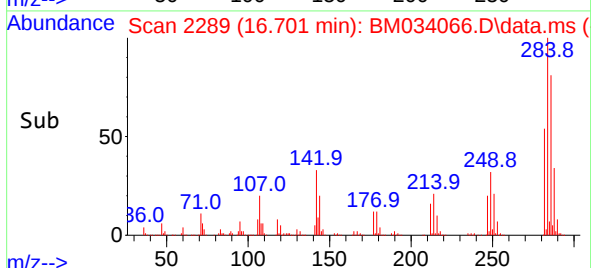
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

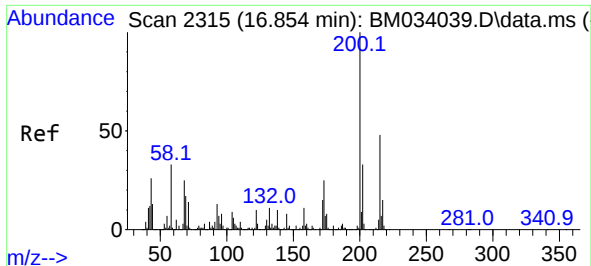


#68
Hexachlorobenzene
Concen: 42.113 ng
RT: 16.701 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



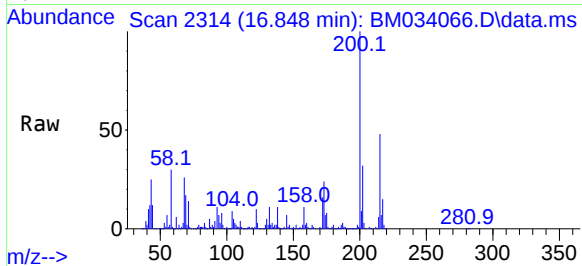
Tgt Ion:284 Resp: 652041
Ion Ratio Lower Upper
284 100
142 33.1 33.1 49.7#
249 32.4 27.3 40.9





#69
Atrazine
Concen: 43.760 ng
RT: 16.848 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

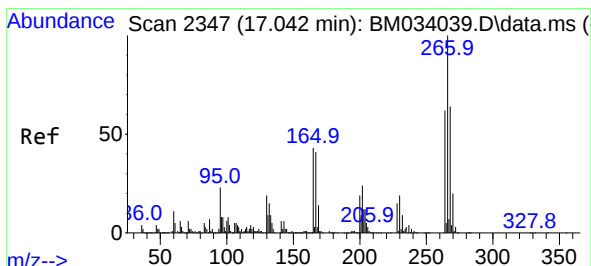
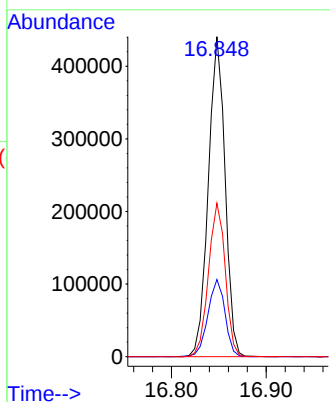
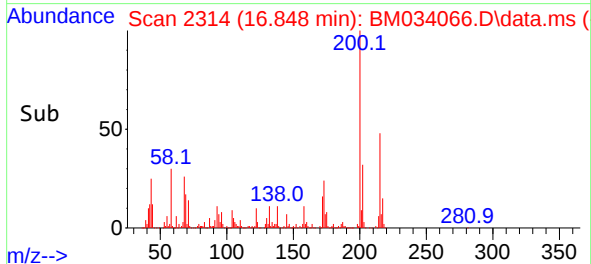
Instrument :
BNA_M
ClientSampleId :
PB142854BS



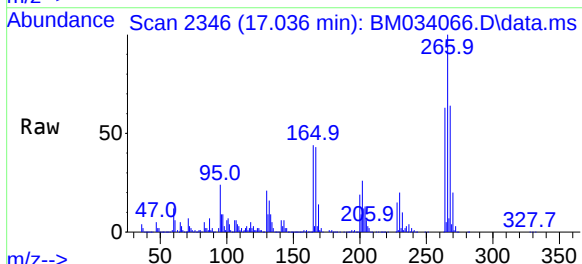
Tgt Ion:200 Resp: 53907
Ion Ratio Lower Upper
200 100
173 24.1 7.3 47.3
215 48.0 25.7 65.7

Manual Integrations
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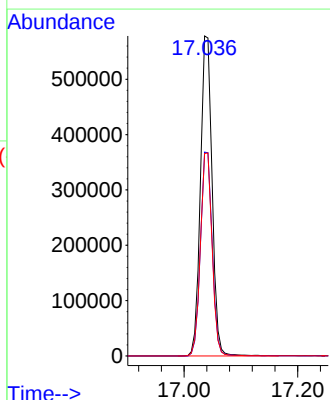
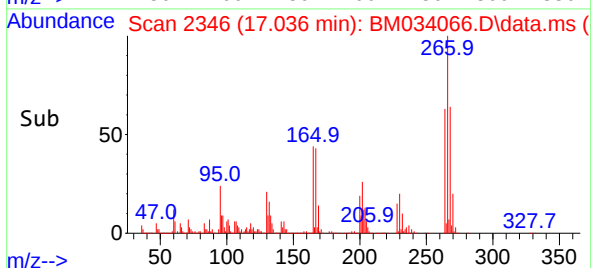
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

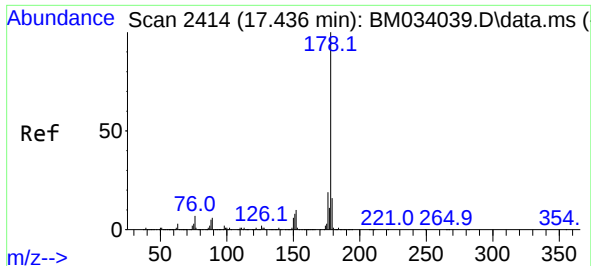


#70
Pentachlorophenol
Concen: 88.075 ng
RT: 17.036 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



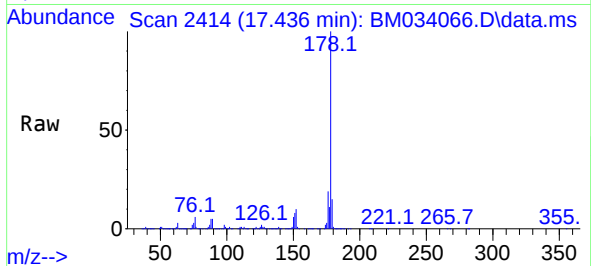
Tgt Ion:266 Resp: 823815
Ion Ratio Lower Upper
266 100
268 63.7 50.1 75.1
264 63.3 49.1 73.7





#71
Phenanthrene
Concen: 40.253 ng
RT: 17.436 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

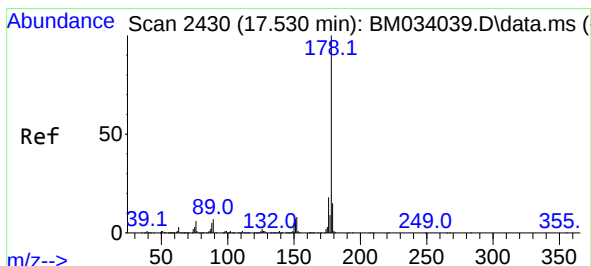
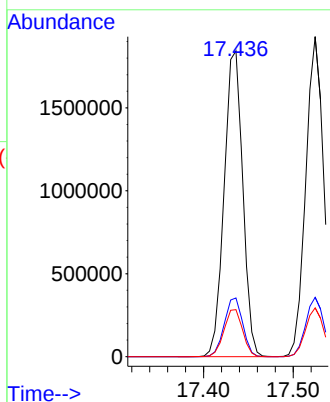
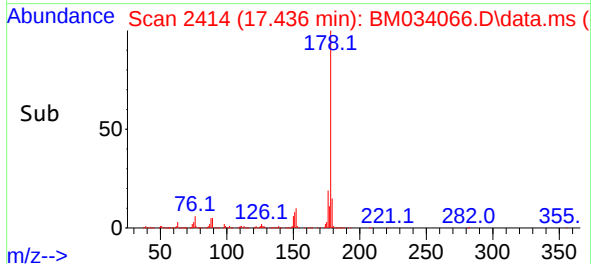
Instrument :
BNA_M
ClientSampleId :
PB142854BS



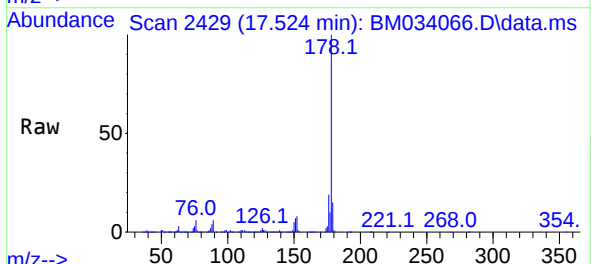
Tgt Ion:178 Resp: 2655980
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.0 18.0

Manual Integrations
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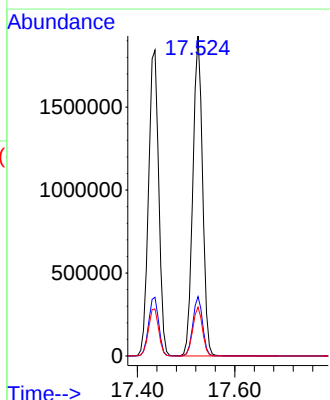
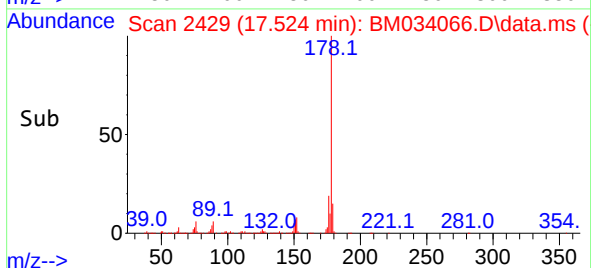
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

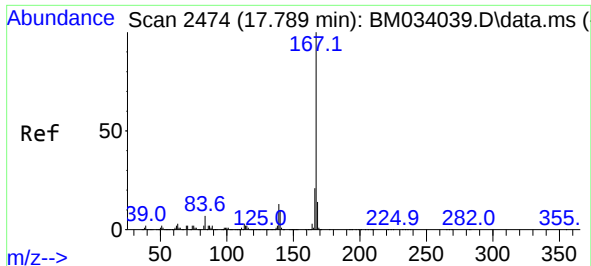


#72
Anthracene
Concen: 41.695 ng
RT: 17.524 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



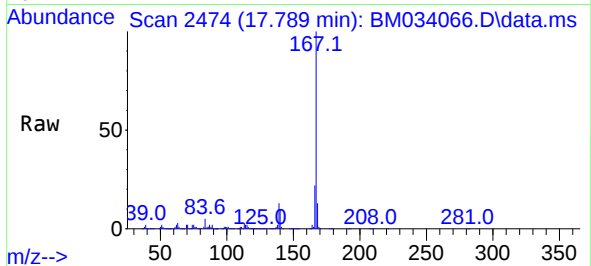
Tgt Ion:178 Resp: 2677289
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.2 11.9 17.9





#73
 Carbazole
 Concen: 37.453 ng
 RT: 17.789 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BM034066.D
 Acq: 24 Feb 2022 13:13

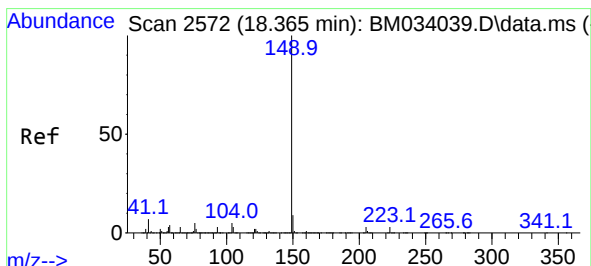
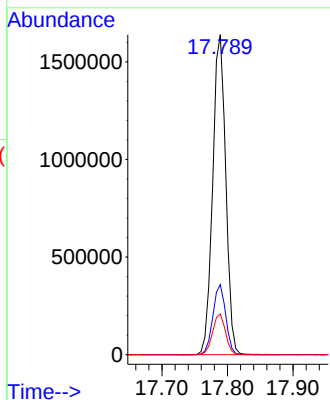
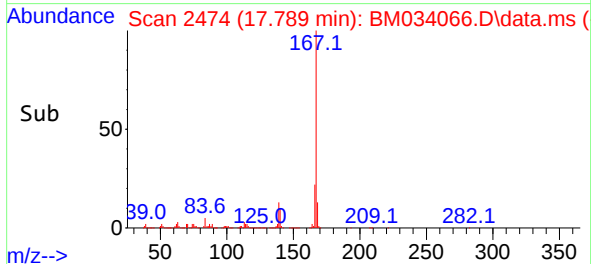
Instrument :
 BNA_M
 ClientSampleId :
 PB142854BS



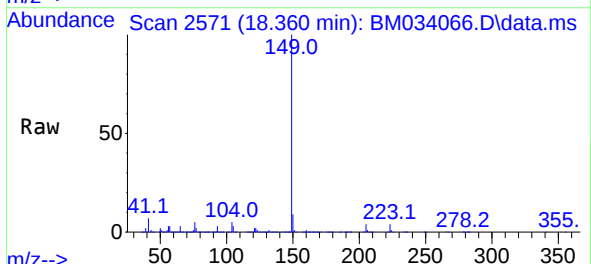
Tgt Ion:167 Resp: 226438
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.8 11.0 16.4

Manual Integrations
 APPROVED

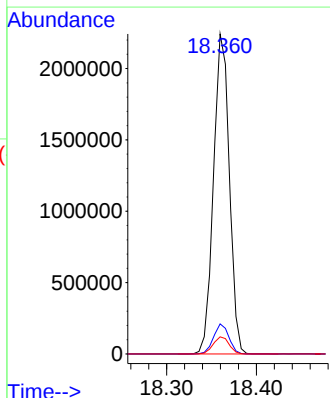
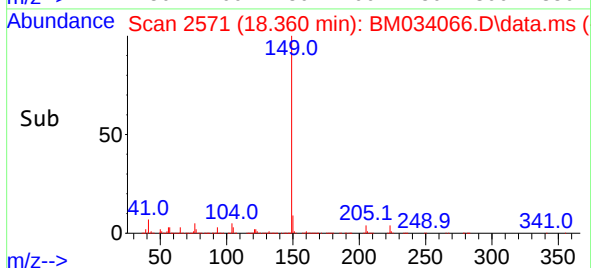
Reviewed By :Christian Giraldo 02/25/2022
 Supervised By :mohammad ahmed 02/28/2022

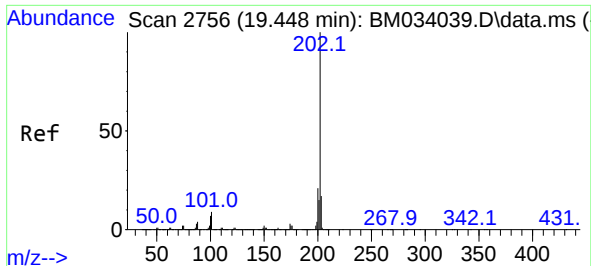


#74
 Di-n-butylphthalate
 Concen: 39.909 ng
 RT: 18.360 min Scan# 2571
 Delta R.T. -0.006 min
 Lab File: BM034066.D
 Acq: 24 Feb 2022 13:13



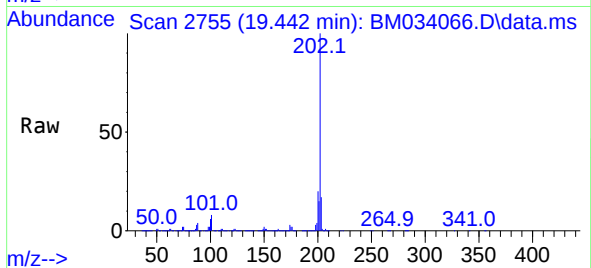
Tgt Ion:149 Resp: 2744758
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.3 4.6 6.8





#75
Fluoranthene
Concen: 39.417 ng
RT: 19.442 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

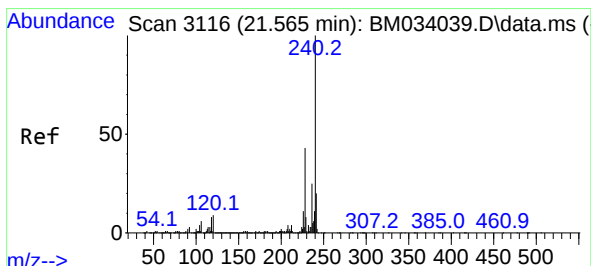
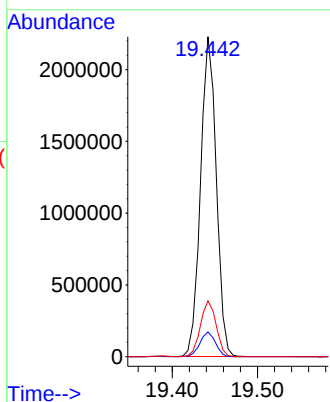
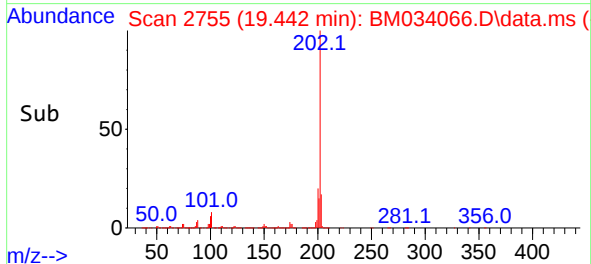
Instrument :
BNA_M
ClientSampleId :
PB142854BS



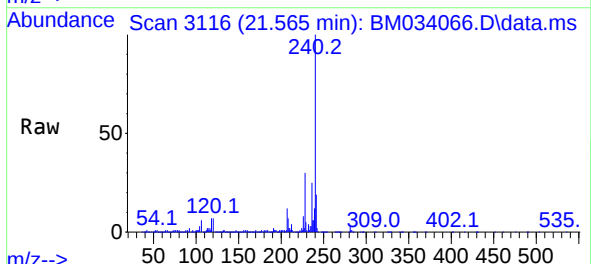
Tgt Ion:202 Resp: 285741
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.8
203 17.5 0.0 37.2

Manual Integrations
APPROVED

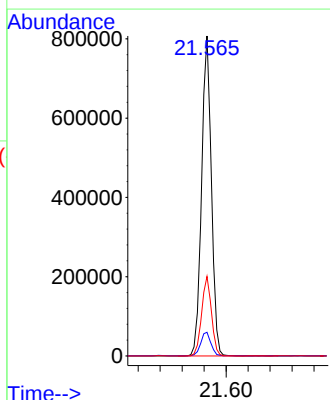
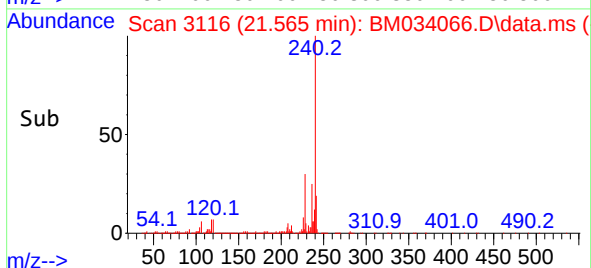
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

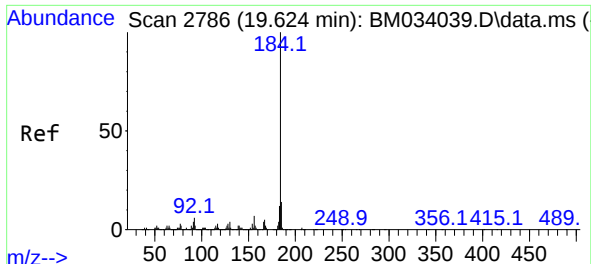


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:240 Resp: 996512
Ion Ratio Lower Upper
240 100
120 7.4 7.8 11.6#
236 24.8 20.3 30.5





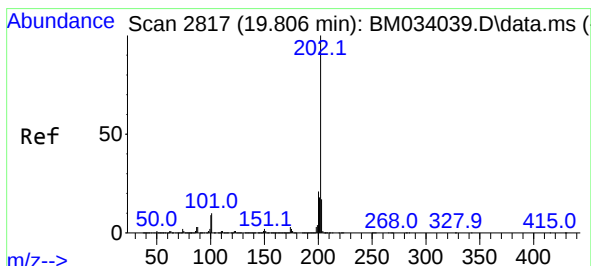
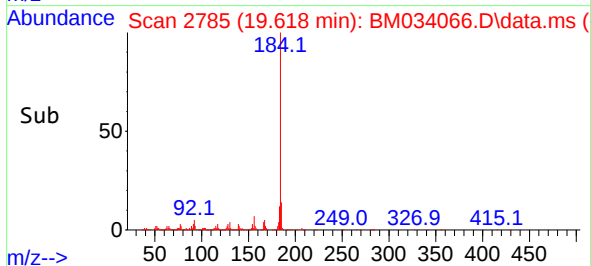
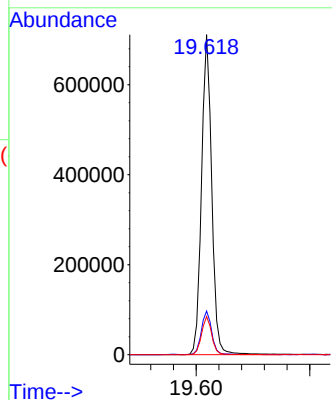
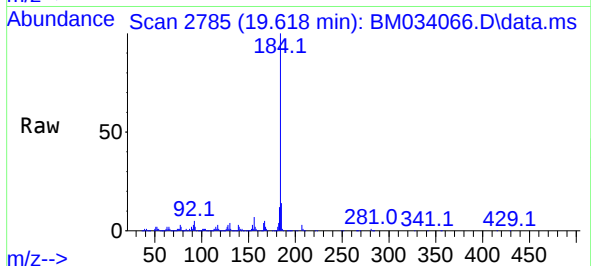
#77
Benzidine
Concen: 47.974 ng
RT: 19.618 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :
BNA_M
ClientSampleId :
PB142854BS

Tgt Ion:184 Resp: 890314
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.0
183 11.9 9.7 14.5

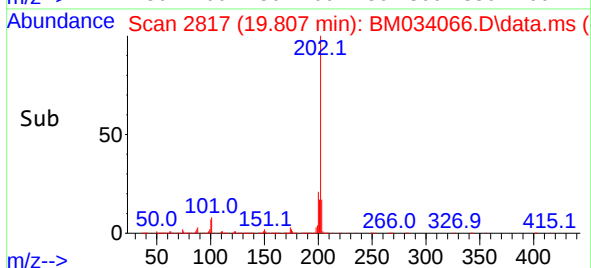
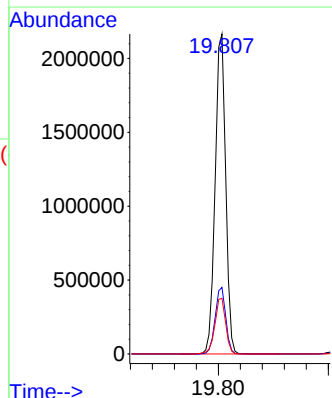
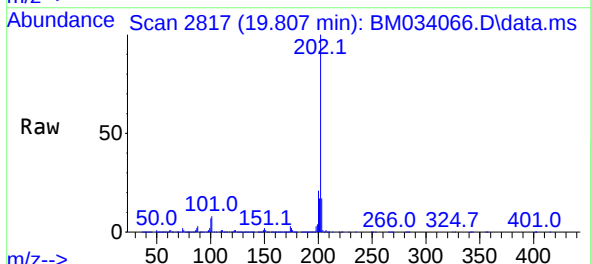
Manual Integrations
APPROVED

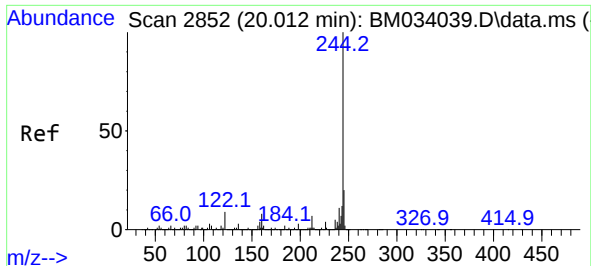
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#78
Pyrene
Concen: 42.235 ng
RT: 19.807 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

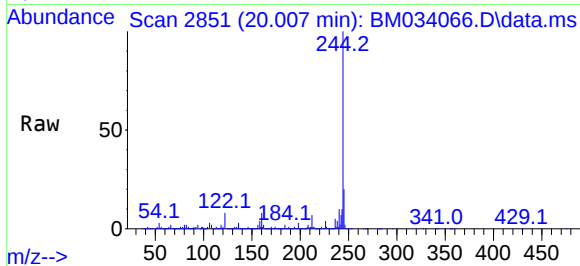
Tgt Ion:202 Resp: 2890511
Ion Ratio Lower Upper
202 100
200 20.8 16.4 24.6
203 17.4 13.5 20.3





#79
Terphenyl-d14
Concen: 79.179 ng
RT: 20.007 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

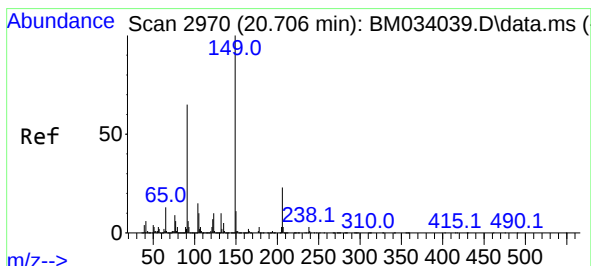
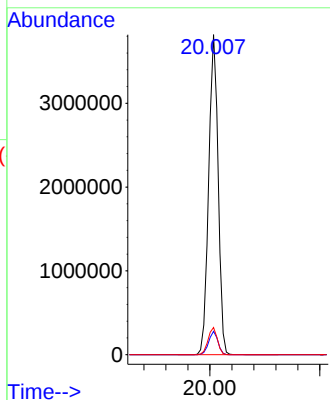
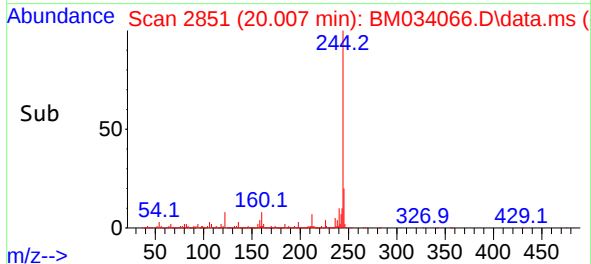
Instrument :
BNA_M
ClientSampleId :
PB142854BS



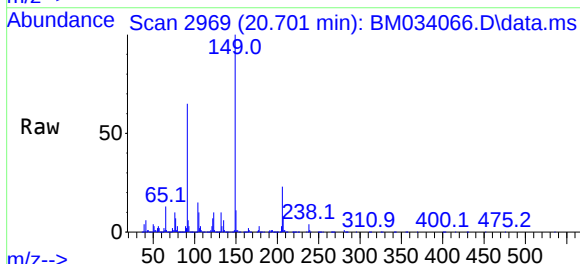
Tgt Ion:244 Resp: 453118
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.5 8.4 12.6

Manual Integrations
APPROVED

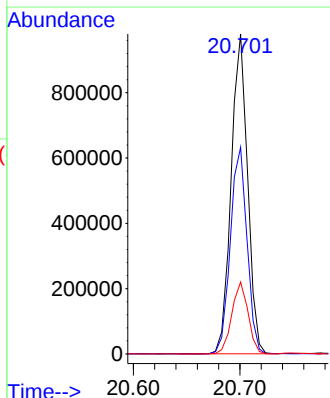
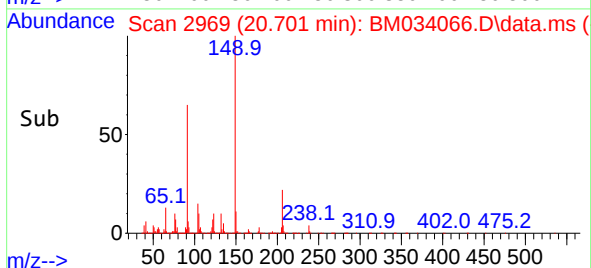
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

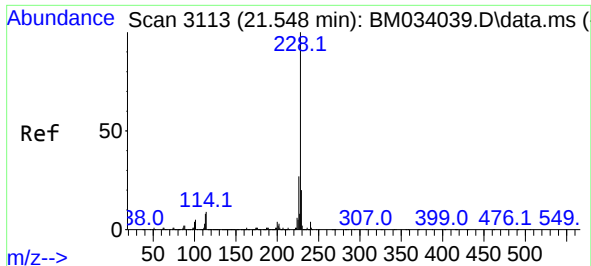


#80
Butylbenzylphthalate
Concen: 40.239 ng
RT: 20.701 min Scan# 2969
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:149 Resp: 1048690
Ion Ratio Lower Upper
149 100
91 64.6 63.4 95.0
206 22.5 16.8 25.2





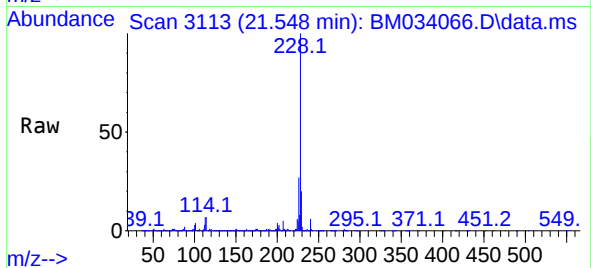
#81
Benzo(a)anthracene
Concen: 39.029 ng
RT: 21.548 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

PB142854BS

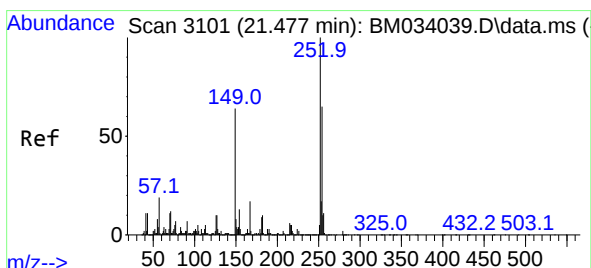
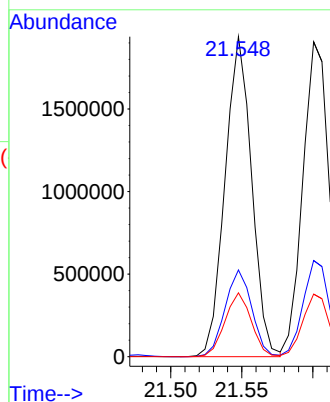
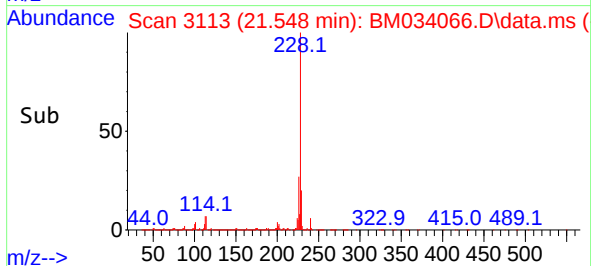


Tgt Ion:228 Resp: 2530599
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.6
229 19.9 15.5 23.3

Manual Integrations

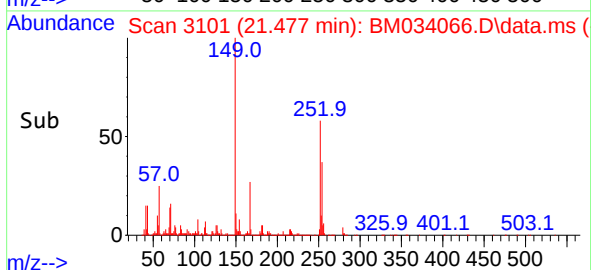
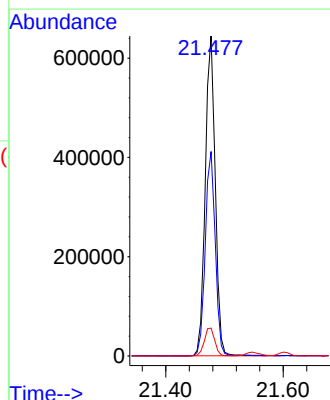
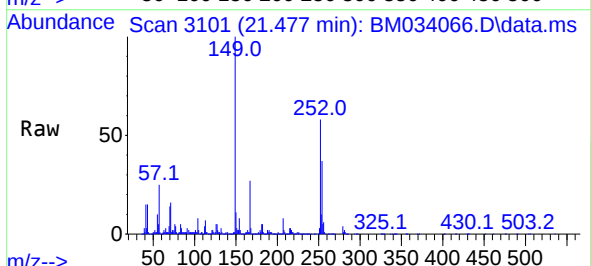
APPROVED

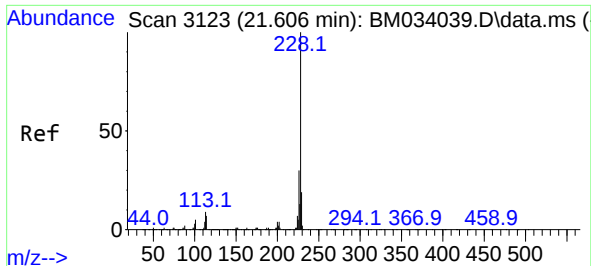
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.871 ng
RT: 21.477 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

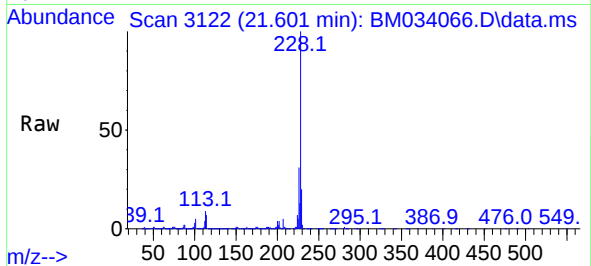
Tgt Ion:252 Resp: 763601
Ion Ratio Lower Upper
252 100
254 63.9 50.9 76.3
126 8.7 8.8 13.2





#83
Chrysene
Concen: 39.643 ng
RT: 21.601 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

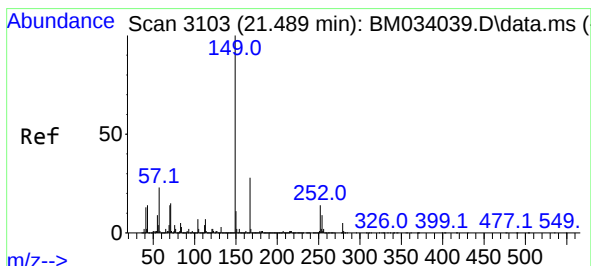
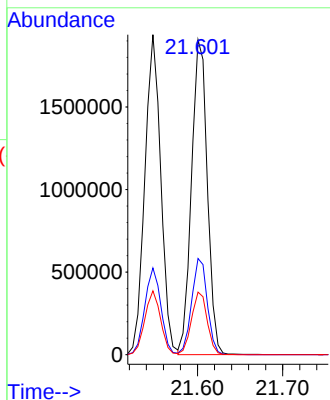
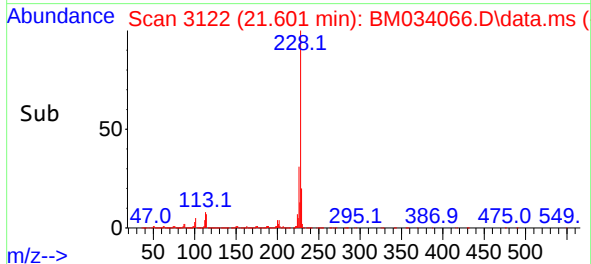
Instrument :
BNA_M
ClientSampleId :
PB142854BS



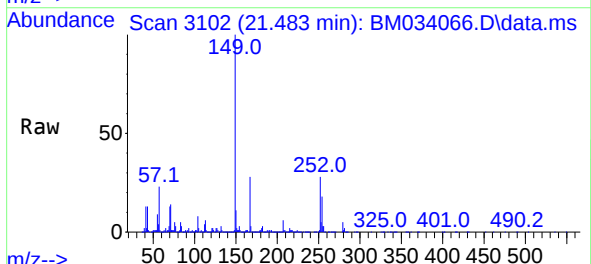
Tgt Ion:228 Resp: 245536
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 19.9 15.8 23.8

Manual Integrations
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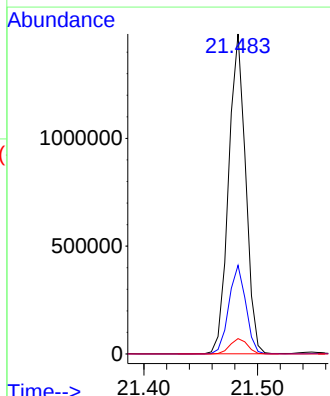
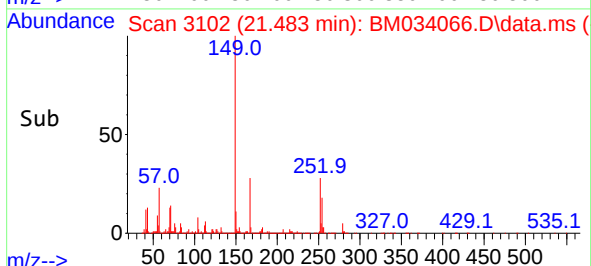
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

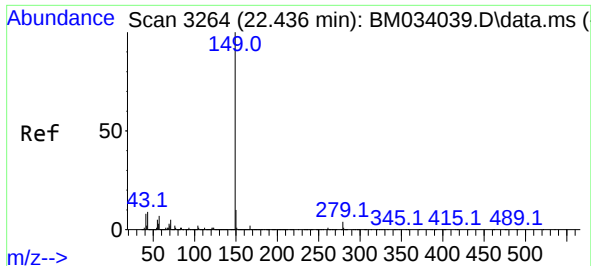


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.694 ng
RT: 21.483 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



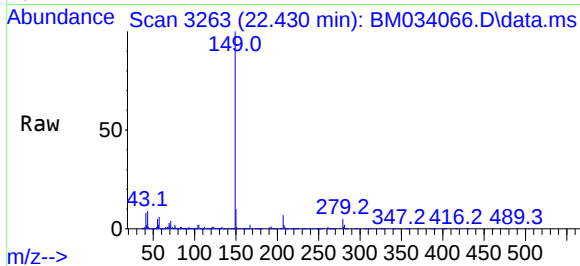
Tgt Ion:149 Resp: 1540436
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 4.8 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 37.421 ng
RT: 22.430 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

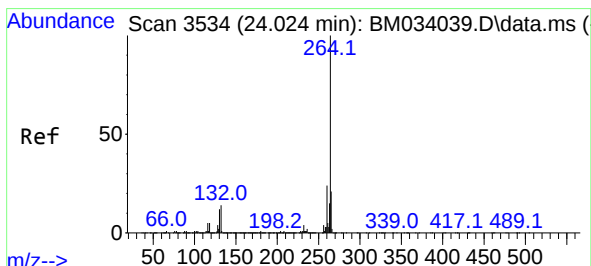
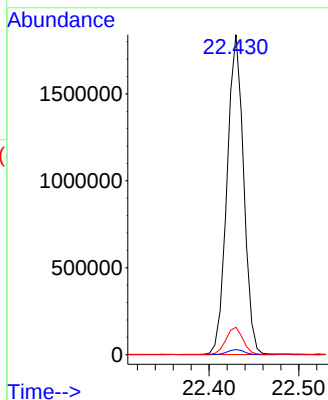
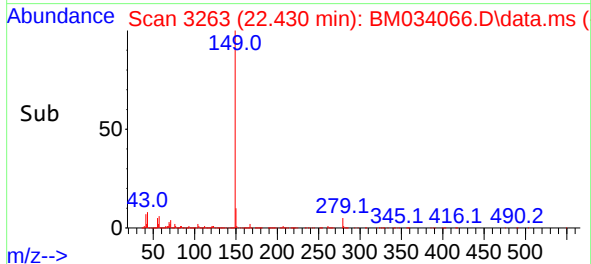
Instrument :
BNA_M
ClientSampleId :
PB142854BS



Tgt Ion:149 Resp: 236115
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 10.4 15.6

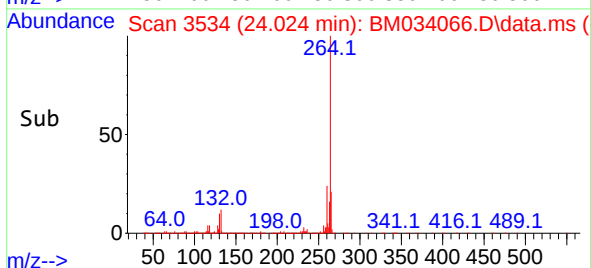
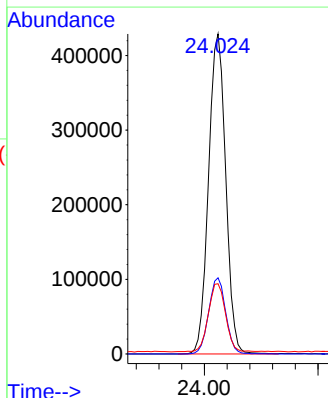
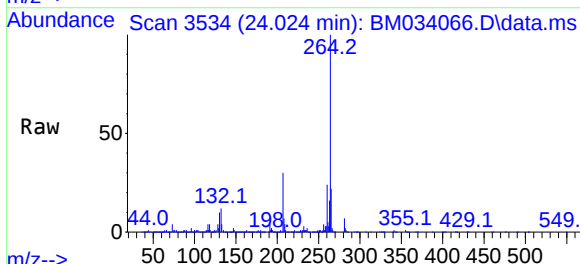
Manual Integrations
APPROVED

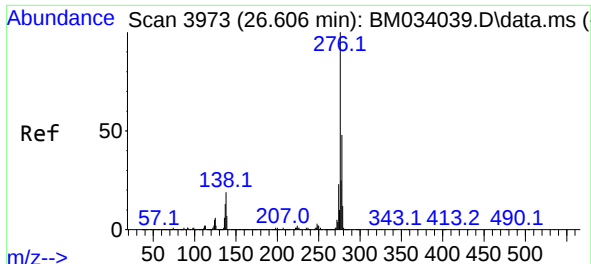
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.024 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Tgt Ion:264 Resp: 897492
Ion Ratio Lower Upper
264 100
260 23.8 17.7 26.5
265 22.0 17.7 26.5





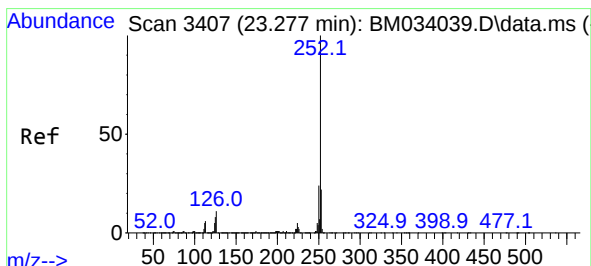
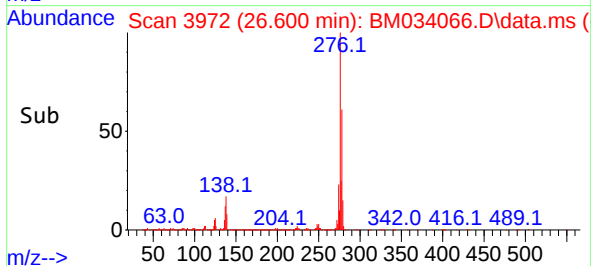
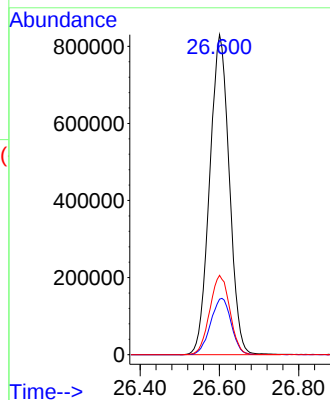
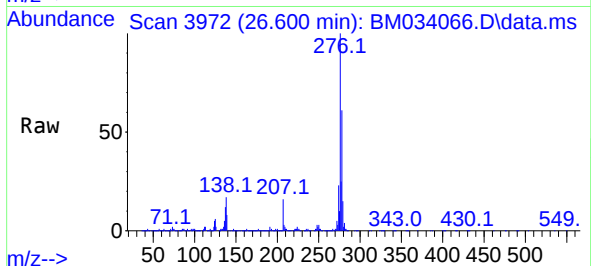
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.665 ng
RT: 26.600 min Scan# 3973
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :
BNA_M
ClientSampleId :
PB142854BS

Tgt Ion:276 Resp: 2849940
Ion Ratio Lower Upper
276 100
138 18.5 18.7 28.1
277 25.5 20.2 30.4

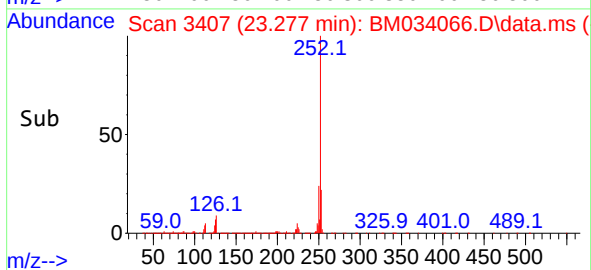
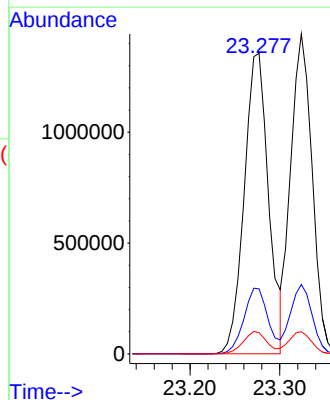
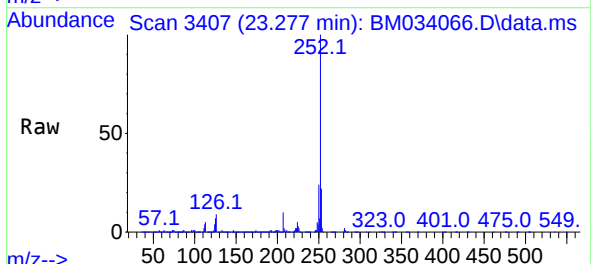
Manual Integrations
APPROVED

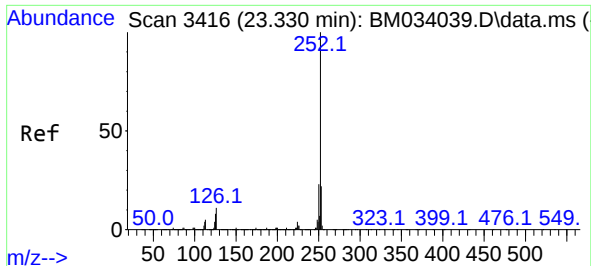
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#88
Benzo(b)fluoranthene
Concen: 45.484 ng
RT: 23.277 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

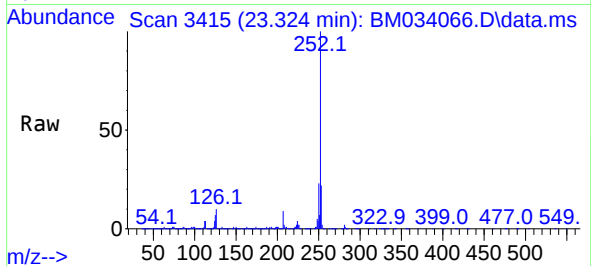
Tgt Ion:252 Resp: 2558201
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 7.1 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 42.623 ng
RT: 23.324 min Scan# 3416
Delta R.T. -0.006 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

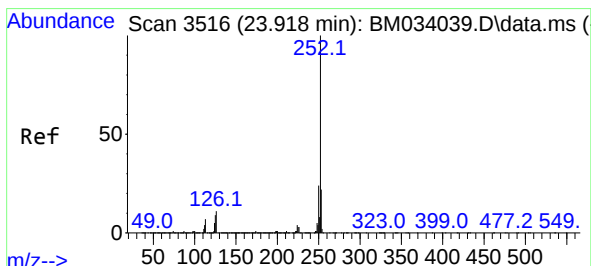
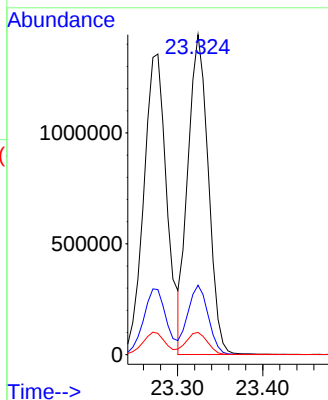
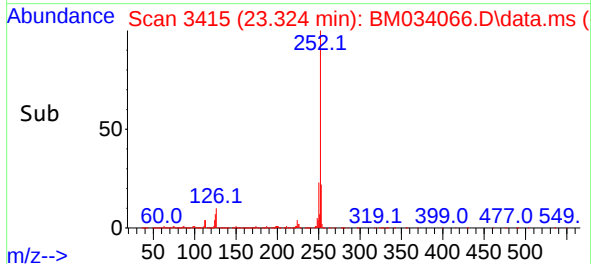
Instrument :
BNA_M
ClientSampleId :
PB142854BS



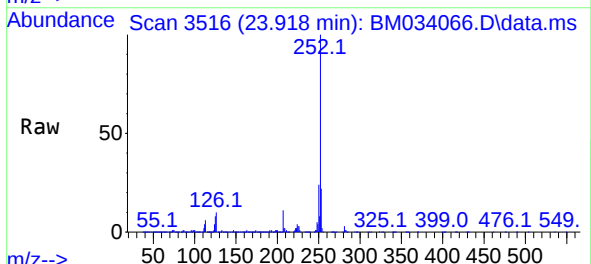
Tgt Ion:252 Resp: 239145
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 6.9 8.1 12.1

Manual Integrations
APPROVED

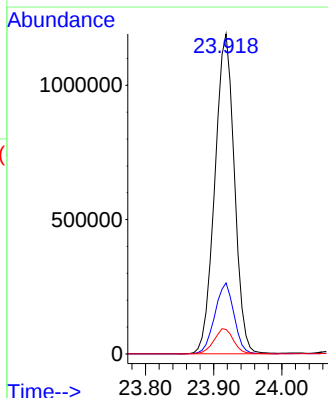
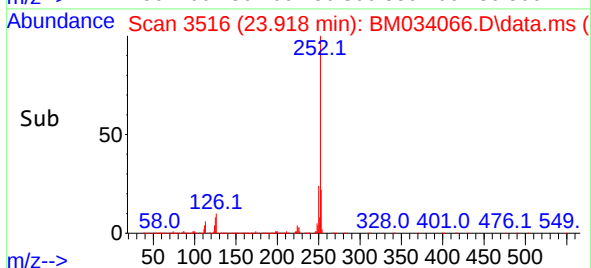
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

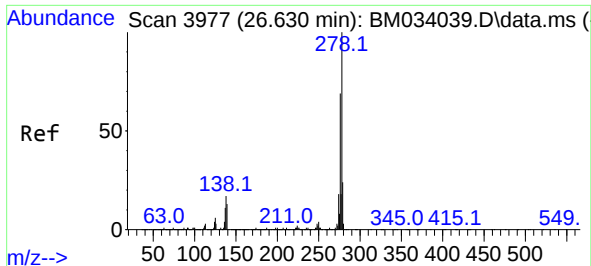


#90
Benzo(a)pyrene
Concen: 51.457 ng
RT: 23.918 min Scan# 3516
Delta R.T. 0.000 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13



Tgt Ion:252 Resp: 2378239
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.6 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 45.502 ng
RT: 26.618 min Scan# 3975
Delta R.T. -0.012 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Instrument :

BNA_M

ClientSampleId :

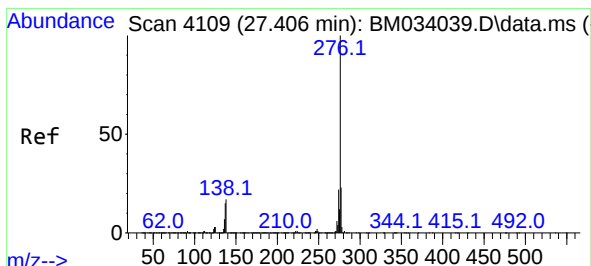
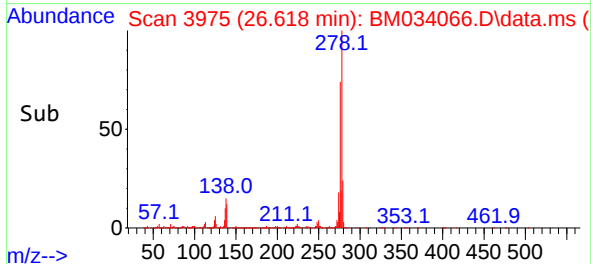
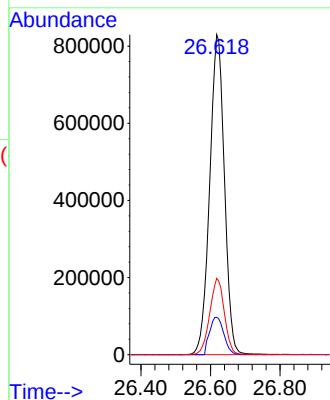
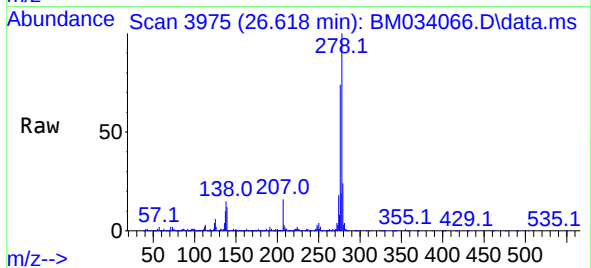
PB142854BS

Tgt Ion:278 Resp: 2441749
Ion Ratio Lower Upper
278 100
139 11.7 10.9 16.3
279 23.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#92
Benzo(g,h,i)perylene
Concen: 46.369 ng
RT: 27.388 min Scan# 4106
Delta R.T. -0.018 min
Lab File: BM034066.D
Acq: 24 Feb 2022 13:13

Tgt Ion:276 Resp: 2410494
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 15.7 14.8 22.2

