

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041324.D
 Acq On : 08 Aug 2023 10:47
 Operator : MA/JU
 Sample : PB154586BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154586BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:12:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	159238	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	613069	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	343483	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	710567	20.000	ng	0.00
76) Chrysene-d12	21.421	240	699380	20.000	ng	0.00
86) Perylene-d12	23.786	264	785136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1144128	107.386	ng	0.00
7) Phenol-d6	6.969	99	1400162	101.383	ng	0.00
23) Nitrobenzene-d5	8.963	82	913834	69.319	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	541140	111.383	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1884439	69.305	ng	0.00
79) Terphenyl-d14	19.851	244	2932079	75.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	123421	27.079	ng	97
3) Pyridine	3.657	79	318558	26.582	ng	97
4) n-Nitrosodimethylamine	3.575	42	187305	33.794	ng	96
6) Aniline	7.116	93	514772	31.850	ng	99
8) 2-Chlorophenol	7.345	128	411100	39.524	ng	98
9) Benzaldehyde	6.934	77	252042m	34.587	ng	
10) Phenol	6.993	94	510977	38.308	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	405224	37.530	ng	98
12) 1,3-Dichlorobenzene	7.669	146	455485	40.230	ng	99
13) 1,4-Dichlorobenzene	7.816	146	464815	40.845	ng	99
14) 1,2-Dichlorobenzene	8.134	146	442939	40.594	ng	99
15) Benzyl Alcohol	8.040	79	374271	42.913	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	495607	34.451	ng	97
17) 2-Methylphenol	8.245	107	332527	36.490	ng	98
18) Hexachloroethane	8.851	117	174444	41.175	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	317398	37.838	ng	97
20) 3+4-Methylphenols	8.575	107	443577	36.405	ng	96
22) Acetophenone	8.622	105	606848	37.375	ng	99
24) Nitrobenzene	9.004	77	483152	36.241	ng	100
25) Isophorone	9.528	82	830308	37.103	ng	99
26) 2-Nitrophenol	9.710	139	218456	41.917	ng	95
27) 2,4-Dimethylphenol	9.775	122	326071	35.555	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	497130	35.464	ng	99
29) 2,4-Dichlorophenol	10.245	162	365573	39.529	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	415923	40.705	ng	98
31) Naphthalene	10.639	128	1203544	36.177	ng	99
32) Benzoic acid	9.951	122	255475	38.717	ng	97
33) 4-Chloroaniline	10.769	127	357256	26.871	ng	100
34) Hexachlorobutadiene	10.904	225	264683	43.070	ng	99
35) Caprolactam	11.586	113	101304m	37.866	ng	
36) 4-Chloro-3-methylphenol	11.904	107	367476	37.752	ng	99
37) 2-Methylnaphthalene	12.257	142	791819	35.303	ng	98
38) 1-Methylnaphthalene	12.480	142	755800	36.004	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	441498	39.585	ng	98
41) Hexachlorocyclopentadiene	12.592	237	488334	82.760	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	285961	40.002	ng	99

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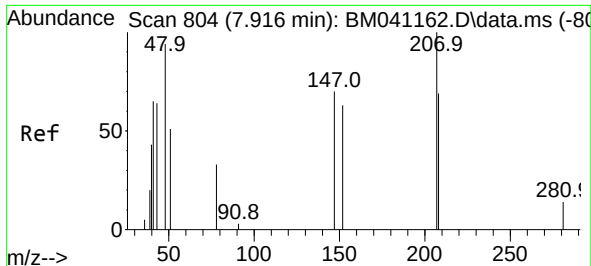
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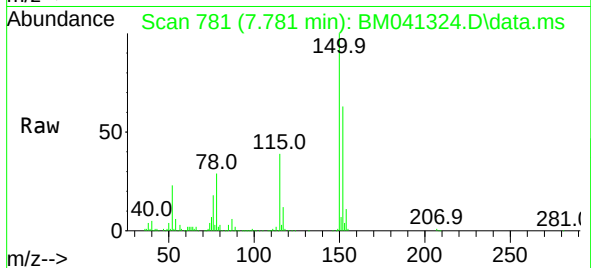
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	308408	37.274	ng	98
46) 1,1'-Biphenyl	13.280	154	1017394	36.537	ng	99
47) 2-Chloronaphthalene	13.322	162	794300	38.203	ng	99
48) 2-Nitroaniline	13.545	65	245408	36.977	ng	99
49) Acenaphthylene	14.174	152	1255522	37.412	ng	99
50) Dimethylphthalate	13.922	163	952651	36.871	ng	99
51) 2,6-Dinitrotoluene	14.051	165	207646	38.787	ng	98
52) Acenaphthene	14.516	154	717300	35.480	ng	100
53) 3-Nitroaniline	14.386	138	177951	29.760	ng	97
54) 2,4-Dinitrophenol	14.598	184	278971	77.372	ng	94
55) Dibenzofuran	14.851	168	1170523	35.486	ng	99
56) 4-Nitrophenol	14.704	139	345733	77.489	ng	95
57) 2,4-Dinitrotoluene	14.845	165	282122	37.520	ng	95
58) Fluorene	15.504	166	935807	35.963	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	267644	39.947	ng	97
60) Diethylphthalate	15.286	149	942578	37.724	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	488415	37.456	ng	99
62) 4-Nitroaniline	15.557	138	198063	35.838	ng	97
63) Azobenzene	15.792	77	964218	35.230	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	173502	40.306	ng	91
66) n-Nitrosodiphenylamine	15.721	169	786783	35.602	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	297482	38.184	ng	99
68) Hexachlorobenzene	16.510	284	349219	40.311	ng	97
69) Atrazine	16.686	200	287166	49.481	ng	99
70) Pentachlorophenol	16.863	266	404315	67.399	ng	99
71) Phenanthrene	17.251	178	1426763	36.139	ng	99
72) Anthracene	17.345	178	1440586	36.895	ng	100
73) Carbazole	17.627	167	1330610	37.651	ng	99
74) Di-n-butylphthalate	18.186	149	1650144	41.321	ng	100
75) Fluoranthene	19.280	202	1703453	38.406	ng	99
77) Benzidine	19.480	184	891677	93.541	ng	100
78) Pyrene	19.645	202	1798693	36.777	ng	100
80) Butylbenzylphthalate	20.551	149	763490	42.747	ng	97
81) Benzo(a)anthracene	21.403	228	1829052	38.578	ng	98
82) 3,3'-Dichlorobenzidine	21.345	252	664259	42.935	ng	98
83) Chrysene	21.456	228	1665216	36.311	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	1144774	40.765	ng	98
85) Di-n-octyl phthalate	22.239	149	1959229	43.404	ng	96
87) Indeno(1,2,3-cd)pyrene	26.238	276	2138310	37.044	ng	96
88) Benzo(b)fluoranthene	23.068	252	1873069	40.159	ng	98
89) Benzo(k)fluoranthene	23.115	252	1757885	36.845	ng	98
90) Benzo(a)pyrene	23.686	252	1626512	36.293	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	1815131	37.700	ng	97
92) Benzo(g,h,i)perylene	26.997	276	1690290	35.879	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

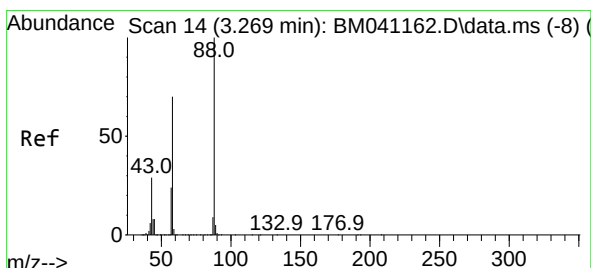
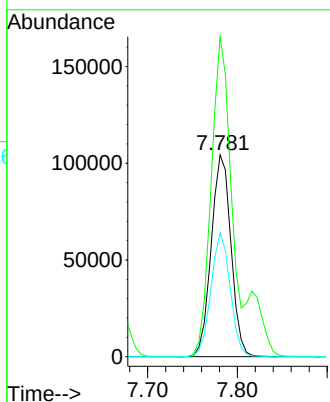
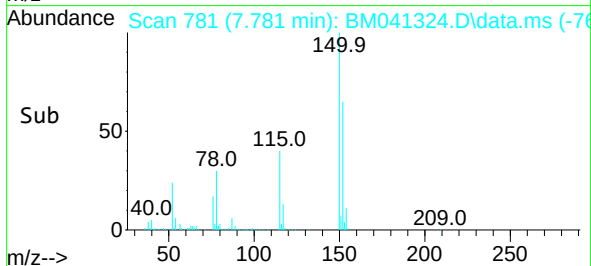
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion: 152 Resp: 159238
Ion Ratio Lower Upper
152 100
150 158.5 125.5 188.3
115 61.4 48.0 72.0

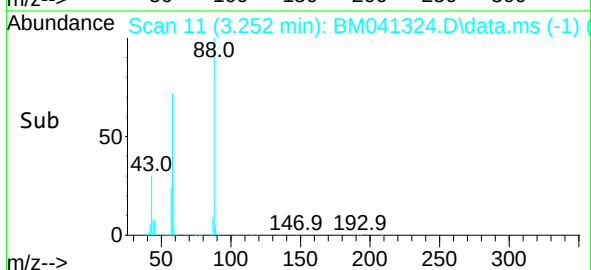
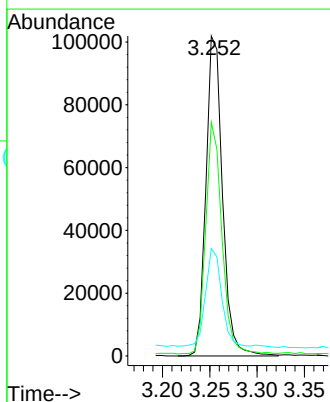
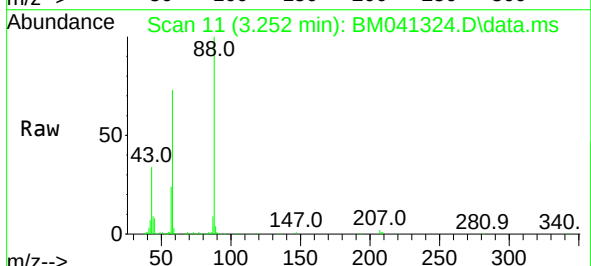
Manual Integrations
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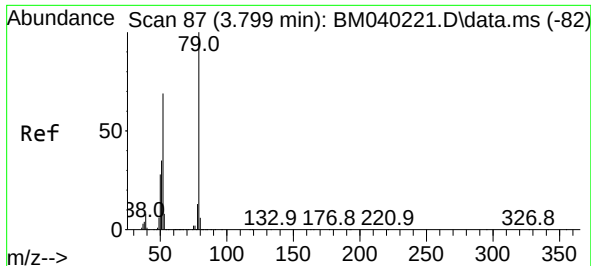
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#2
1,4-Dioxane
Concen: 27.079 ng
RT: 3.252 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

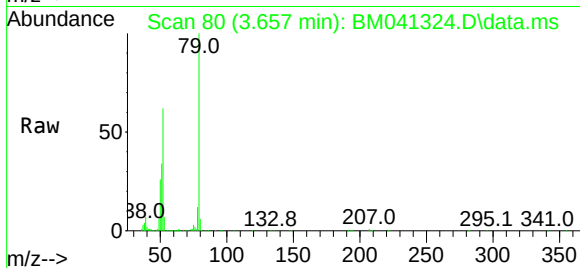
Tgt Ion: 88 Resp: 123421
Ion Ratio Lower Upper
88 100
58 70.4 58.2 87.4
43 29.5 24.4 36.6





#3
 Pyridine
 Concen: 26.582 ng
 RT: 3.657 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

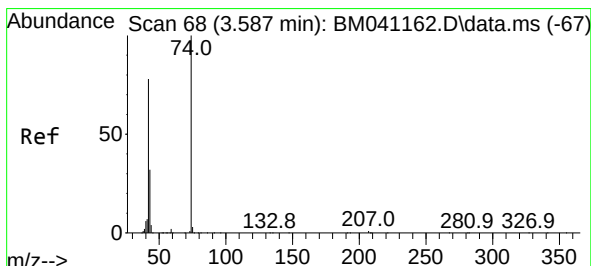
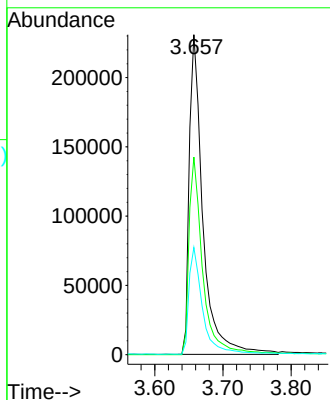
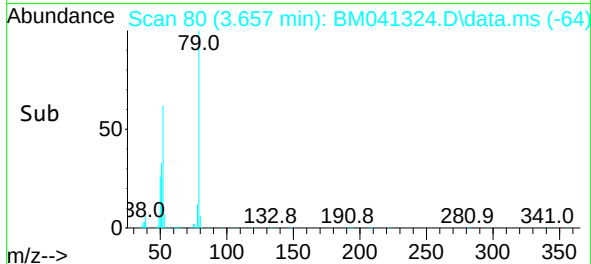
Instrument :
 BNA_M
 ClientSampleId :
 PB154586BS



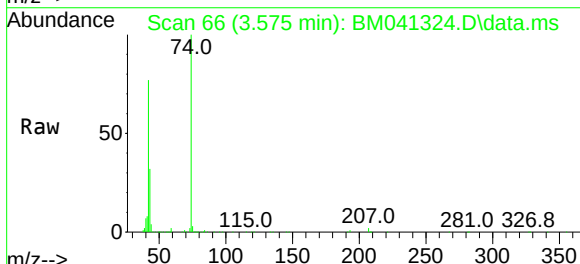
Tgt Ion: 79 Resp: 318558
 Ion Ratio Lower Upper
 79 100
 52 61.7 52.1 78.1
 51 33.5 27.5 41.3

Manual Integrations
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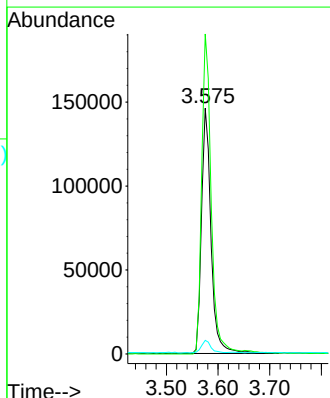
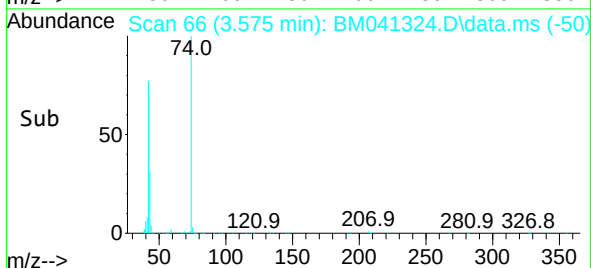
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

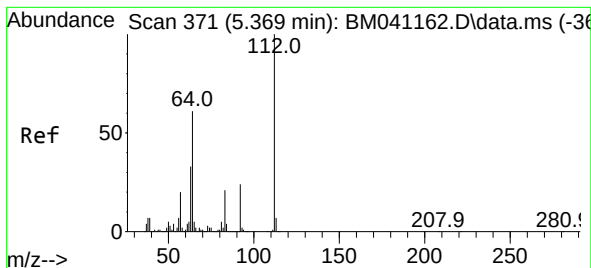


#4
 n-Nitrosodimethylamine
 Concen: 33.794 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47



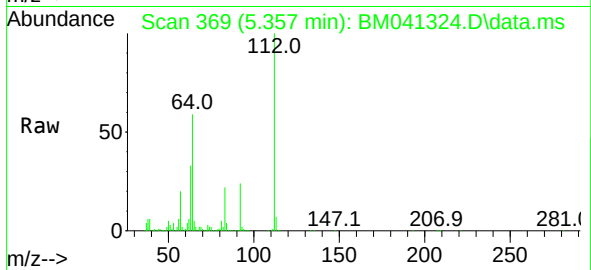
Tgt Ion: 42 Resp: 187305
 Ion Ratio Lower Upper
 42 100
 74 130.2 100.8 151.2
 44 5.5 5.0 7.4





#5
2-Fluorophenol
Concen: 107.386 ng
RT: 5.357 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

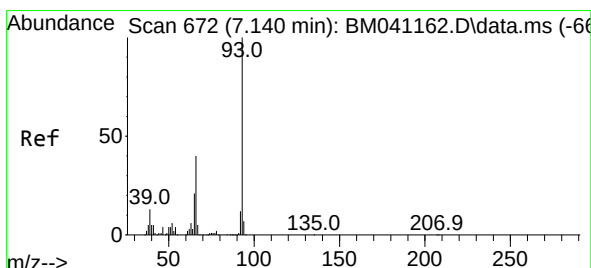
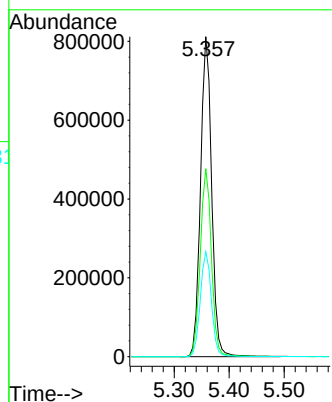
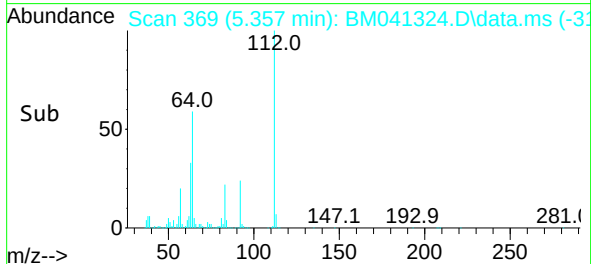
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:112 Resp: 1144128
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 32.8 26.5 39.7

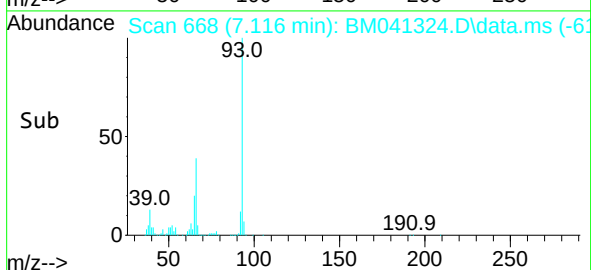
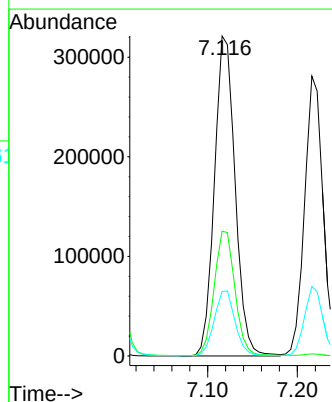
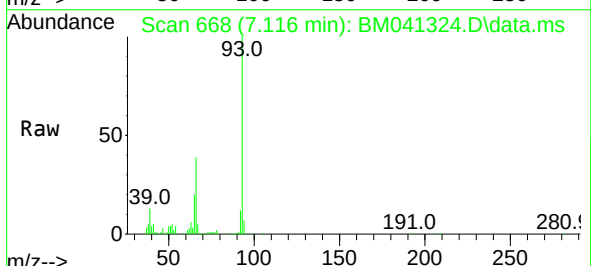
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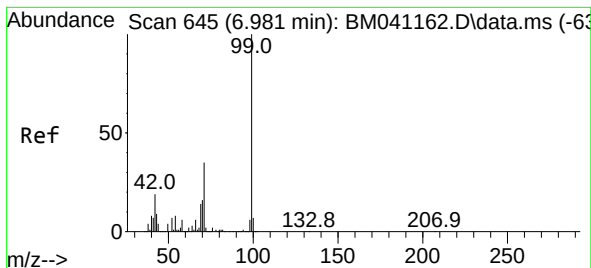
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#6
Aniline
Concen: 31.850 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 93 Resp: 514772
Ion Ratio Lower Upper
93 100
66 39.0 32.0 48.0
65 20.1 16.6 24.8





#7

Phenol-d6

Concen: 101.383 ng

RT: 6.969 min Scan# 64

Delta R.T. 0.000 min

Lab File: BM041324.D

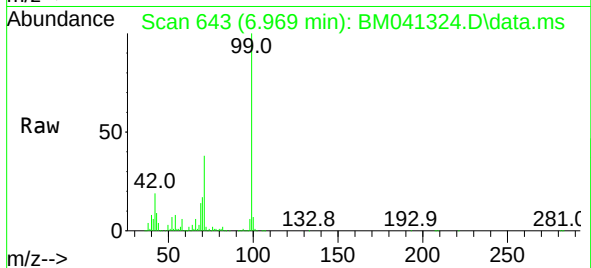
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS



Tgt Ion: 99 Resp: 140016

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

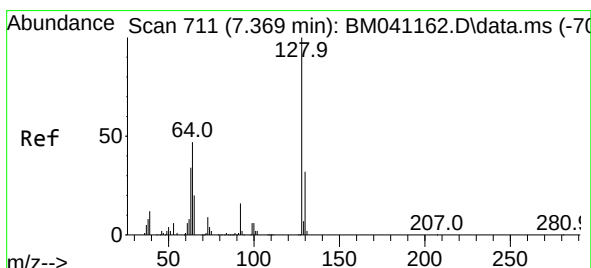
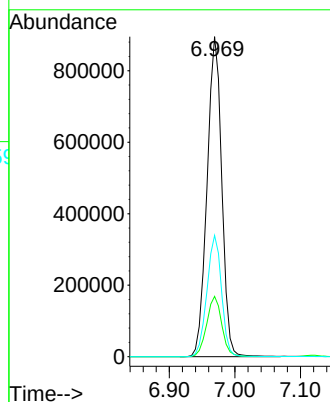
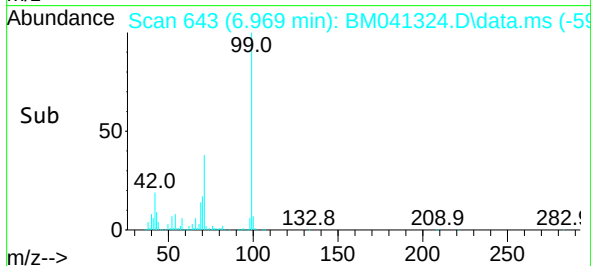
71 37.9 28.2 42.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#8

2-Chlorophenol

Concen: 39.524 ng

RT: 7.345 min Scan# 707

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

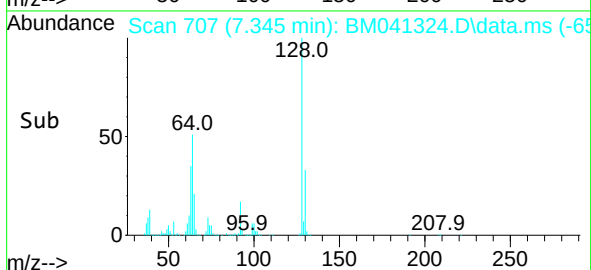
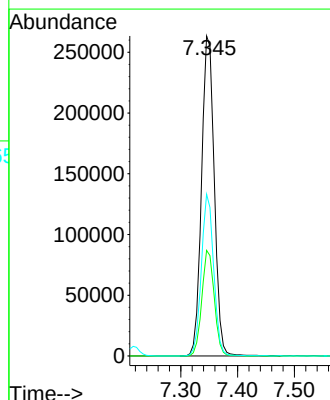
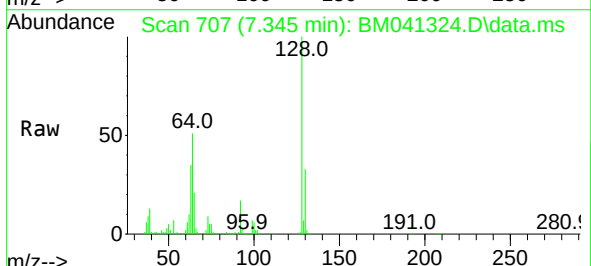
Tgt Ion:128 Resp: 411100

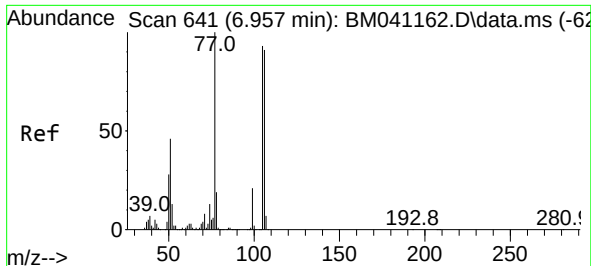
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

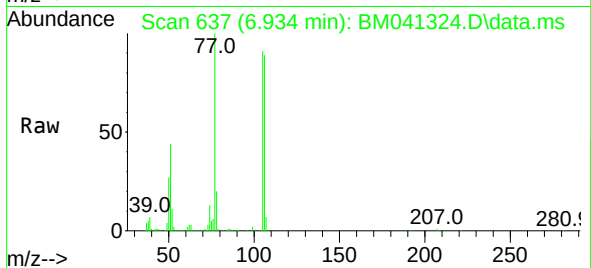
64 50.6 29.3 69.3





#9
Benzaldehyde
Concen: 34.587 ng m
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

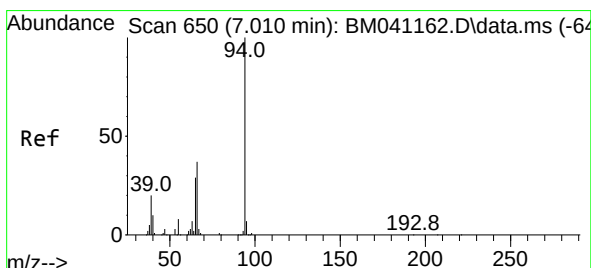
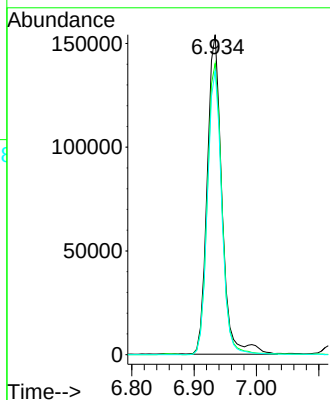
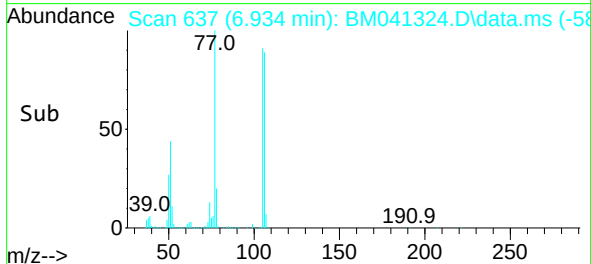
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion: 77 Resp: 25204
Ion Ratio Lower Upper
77 100
105 91.0 72.8 112.8
106 88.7 70.8 110.8

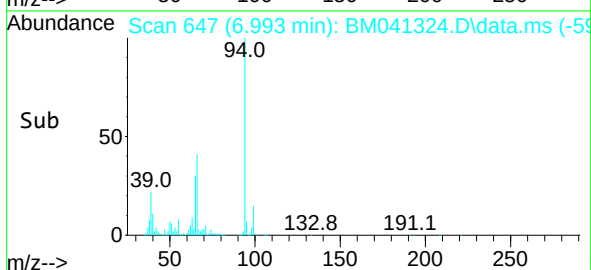
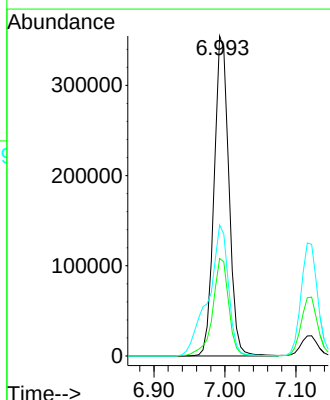
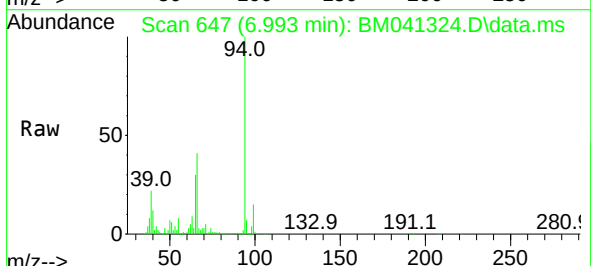
Manual Integrations
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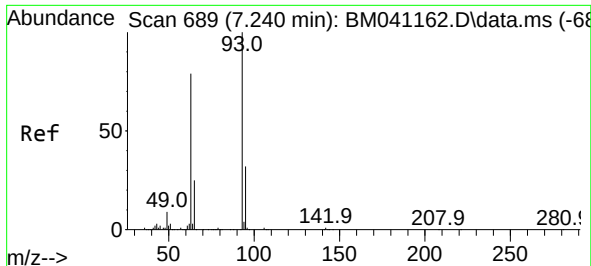
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#10
Phenol
Concen: 38.308 ng
RT: 6.993 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 94 Resp: 510977
Ion Ratio Lower Upper
94 100
65 30.4 9.5 49.5
66 41.0 18.0 58.0





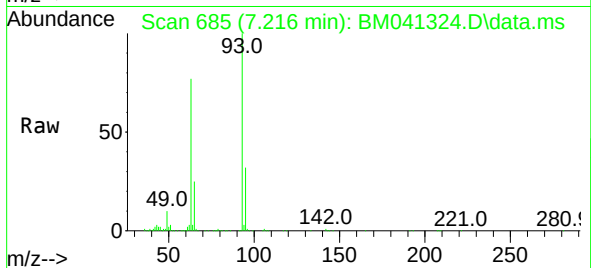
#11
bis(2-Chloroethyl)ether
Concen: 37.530 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS



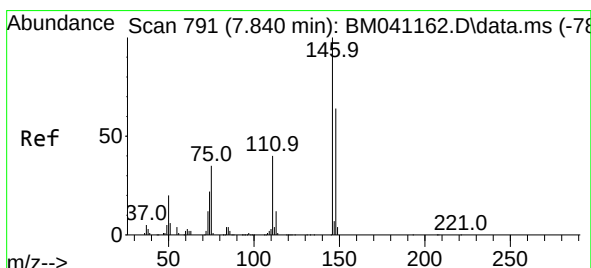
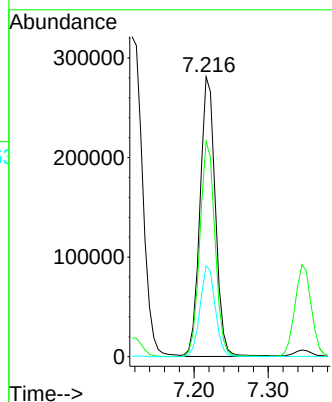
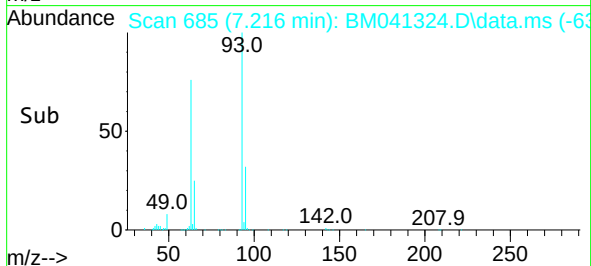
Tgt Ion: 93 Resp: 405224
Ion Ratio Lower Upper
93 100
63 77.0 58.8 98.8
95 32.5 11.8 51.8

Manual Integrations

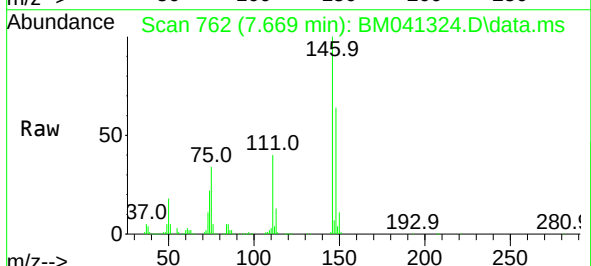
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

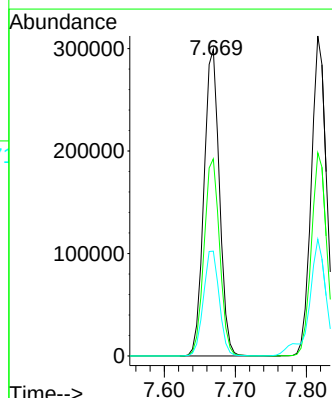
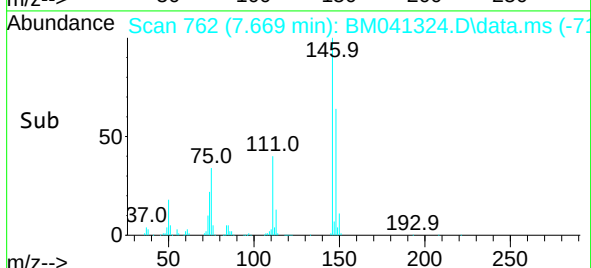
Supervised By :mohammad ahmed 08/09/2023

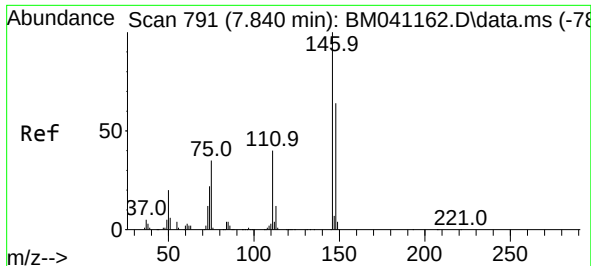


#12
1,3-Dichlorobenzene
Concen: 40.230 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion:146 Resp: 455485
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 34.2 28.3 42.5





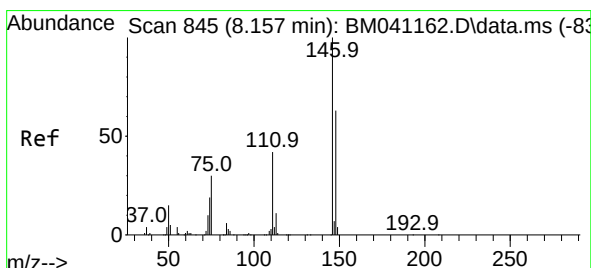
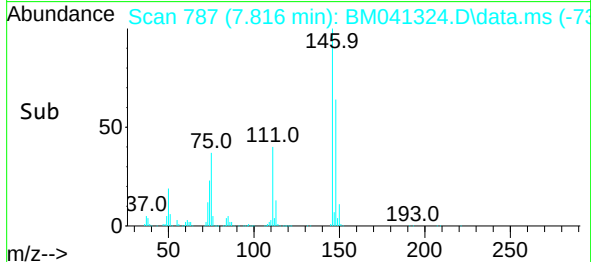
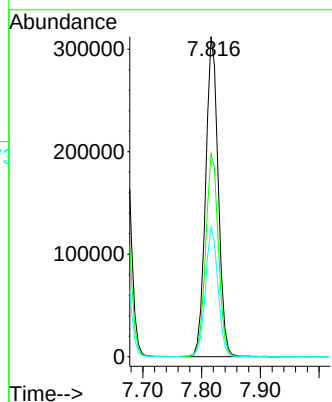
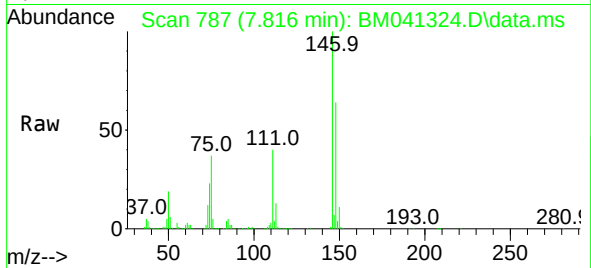
#13
1,4-Dichlorobenzene
Concen: 40.845 ng
RT: 7.816 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :
BNA_M
ClientSampleId :
PB154586BS

Tgt Ion:146 Resp: 464815
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 40.4 32.4 48.6

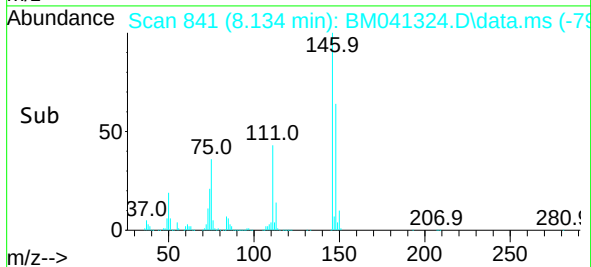
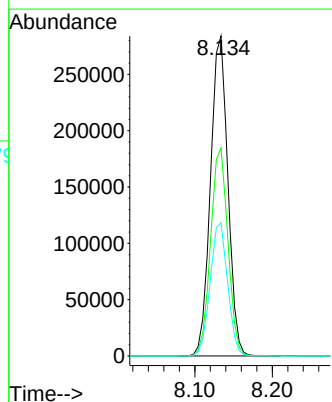
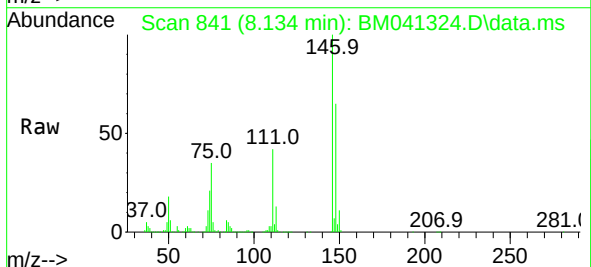
Manual Integrations
APPROVED

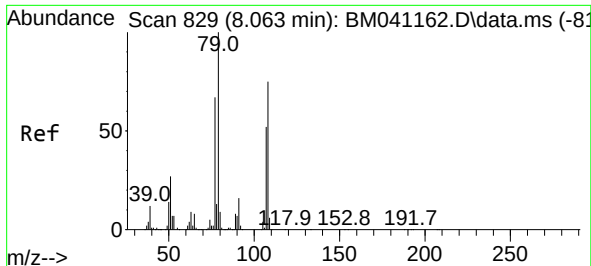
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#14
1,2-Dichlorobenzene
Concen: 40.594 ng
RT: 8.134 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

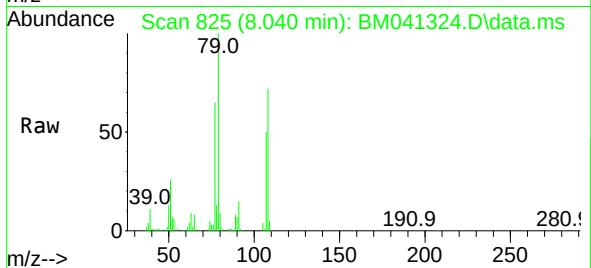
Tgt Ion:146 Resp: 442939
Ion Ratio Lower Upper
146 100
148 65.0 50.9 76.3
111 41.6 33.8 50.6





#15
Benzyl Alcohol
Concen: 42.913 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

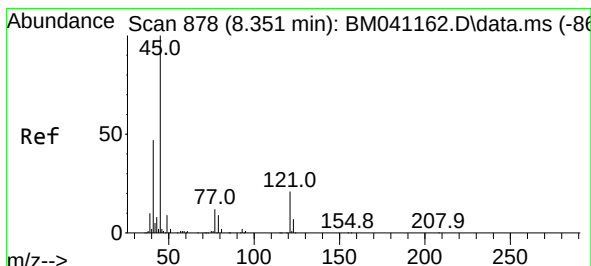
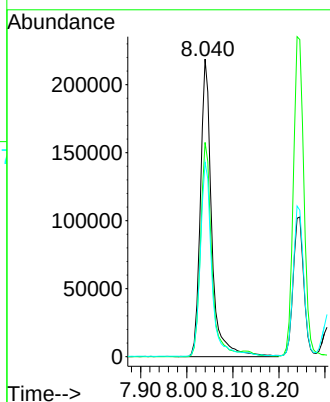
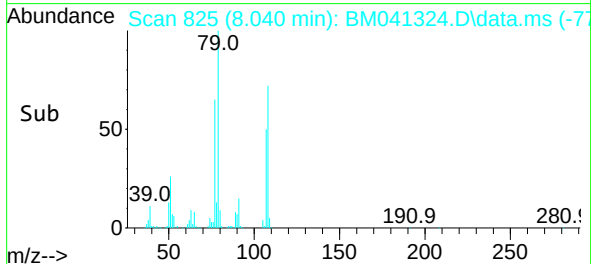
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion: 79 Resp: 37427
Ion Ratio Lower Upper
79 100
108 72.0 59.8 89.8
77 65.3 53.8 80.6

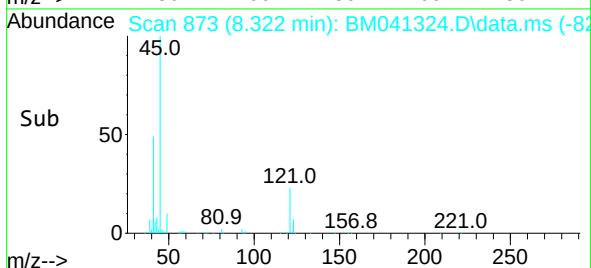
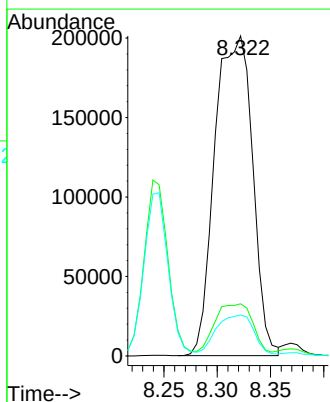
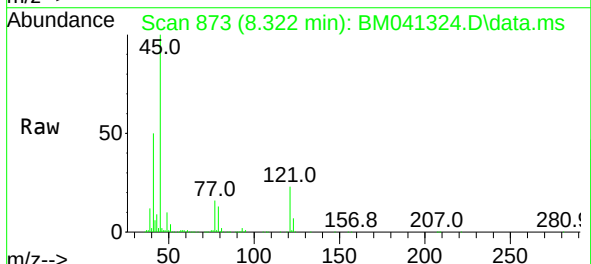
Manual Integrations
APPROVED

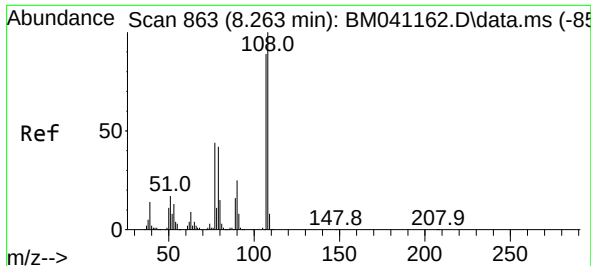
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.451 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion: 45 Resp: 495607
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.5
79 12.8 0.0 32.1





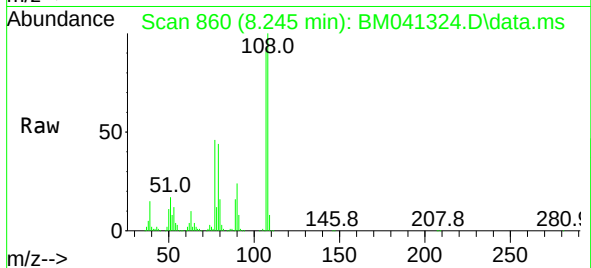
#17
2-Methylphenol
Concen: 36.490 ng
RT: 8.245 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

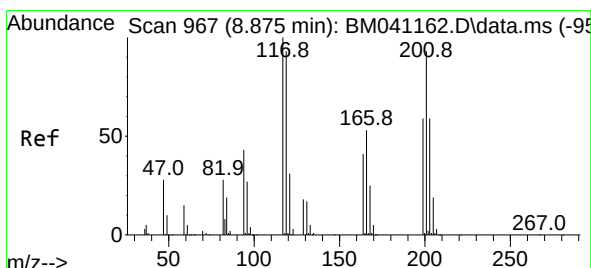
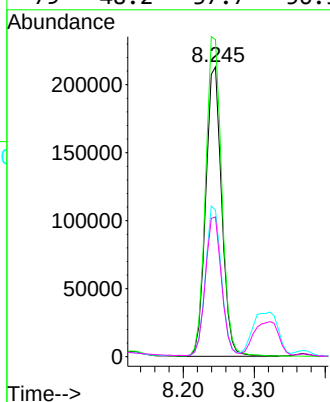
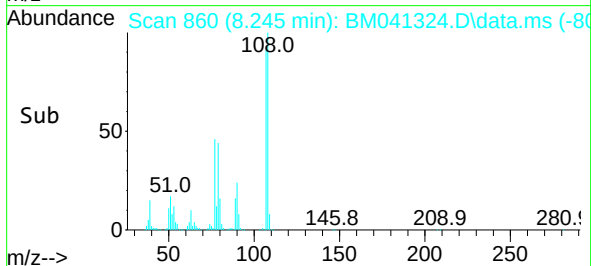


Tgt Ion:107 Resp: 33252
Ion Ratio Lower Upper
107 100
108 109.5 89.9 134.9
77 50.5 39.8 59.8
79 48.2 37.7 56.5

Manual Integrations

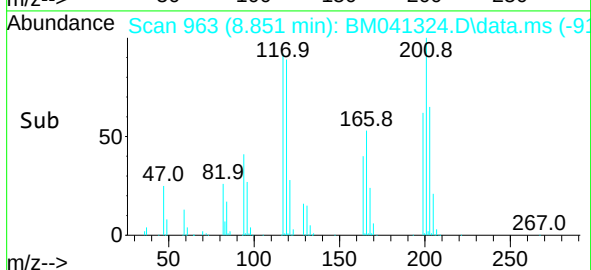
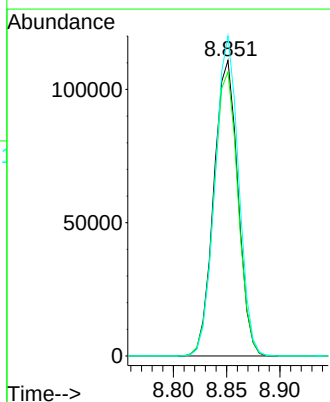
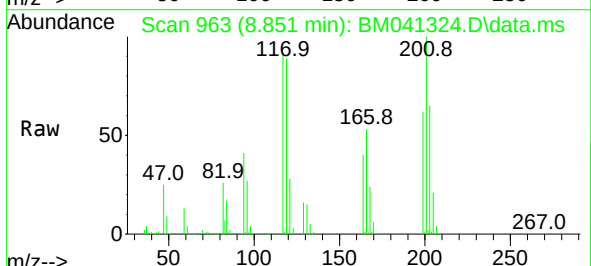
APPROVED

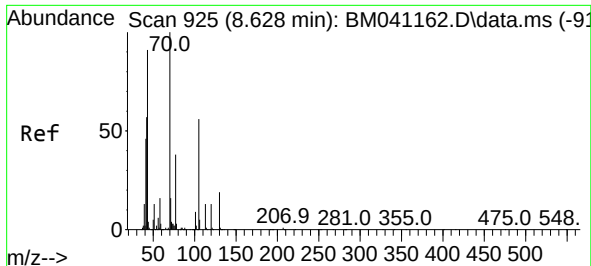
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#18
Hexachloroethane
Concen: 41.175 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

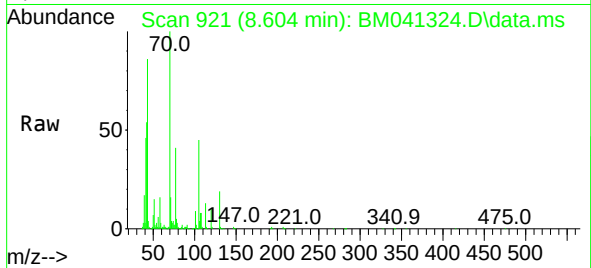
Tgt Ion:117 Resp: 174444
Ion Ratio Lower Upper
117 100
119 96.1 74.2 111.4
201 108.3 74.5 111.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.838 ng
RT: 8.604 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

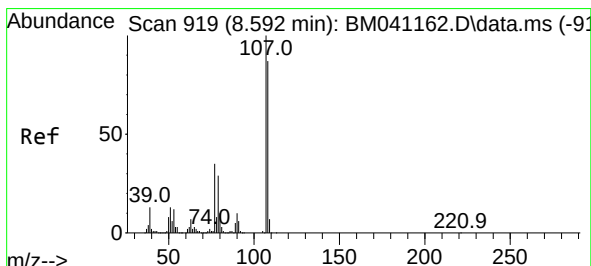
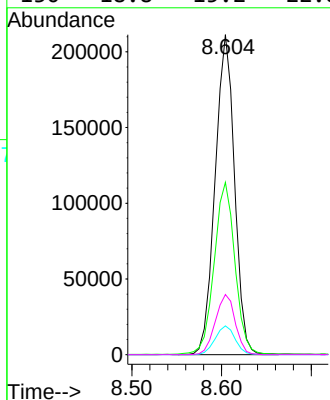
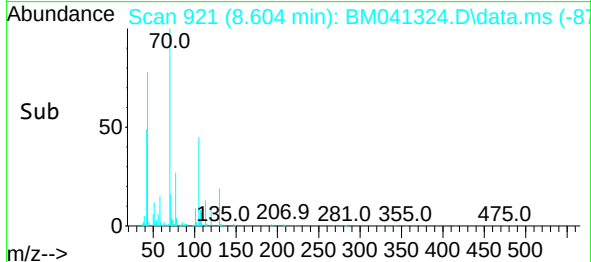
Instrument :
BNA_M
ClientSampleId :
PB154586BS



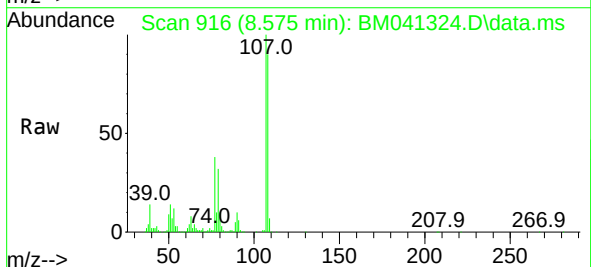
Tgt Ion: 70 Resp: 317398
Ion Ratio Lower Upper
70 100
42 53.9 45.8 68.8
101 9.0 7.4 11.0
130 18.8 15.2 22.8

Manual Integrations
APPROVED

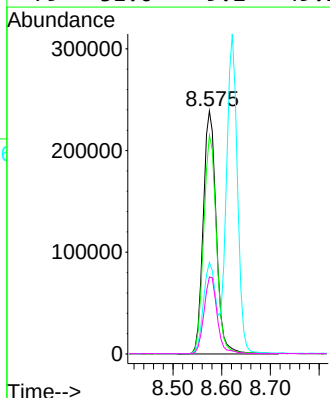
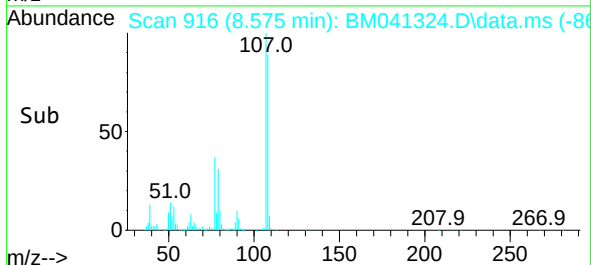
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

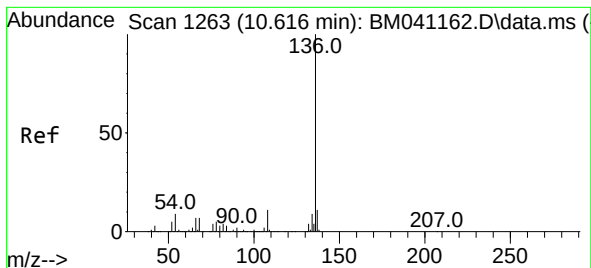


#20
3+4-Methylphenols
Concen: 36.405 ng
RT: 8.575 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



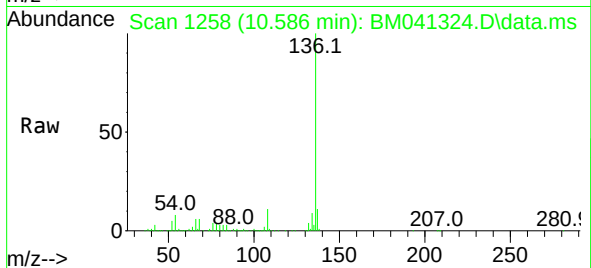
Tgt Ion:107 Resp: 443577
Ion Ratio Lower Upper
107 100
108 90.0 67.2 107.2
77 37.6 15.4 55.4
79 31.6 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

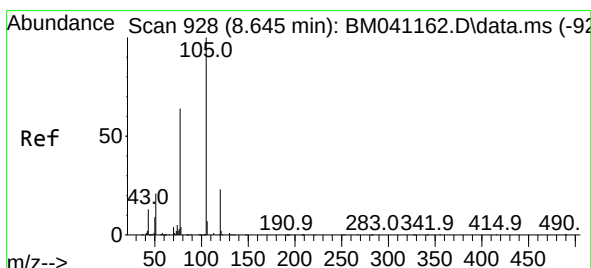
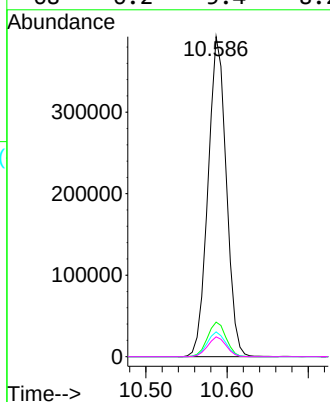
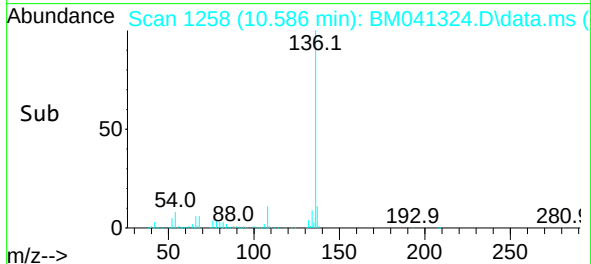
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion:136 Resp: 613069
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.9 10.3
68 6.2 5.4 8.2

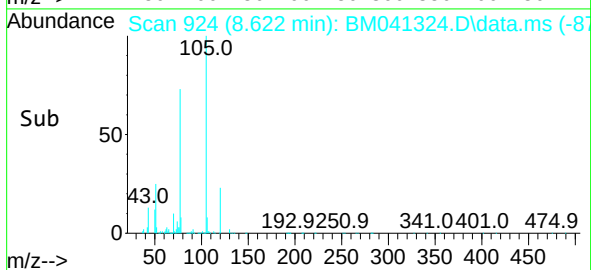
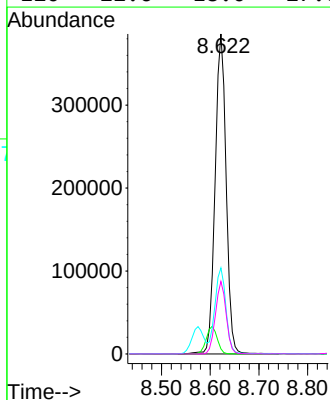
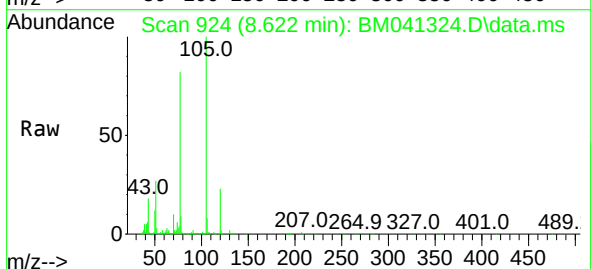
Manual Integrations
APPROVED

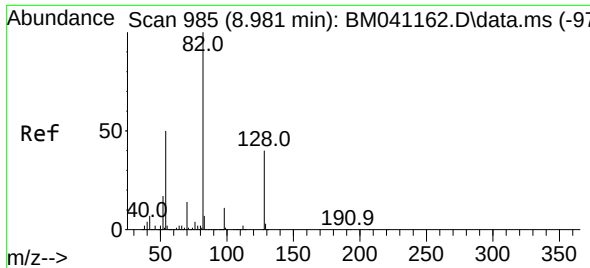
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#22
Acetophenone
Concen: 37.375 ng
RT: 8.622 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

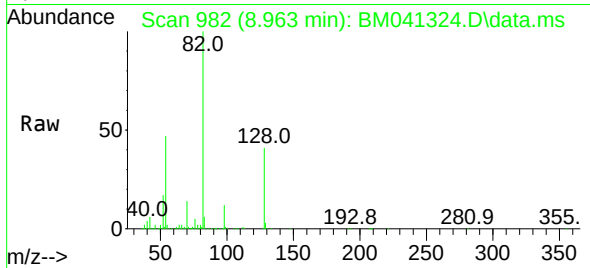
Tgt Ion:105 Resp: 606848
Ion Ratio Lower Upper
105 100
71 1.6 1.2 1.8
51 26.9 22.0 33.0
120 22.6 18.0 27.0





#23
Nitrobenzene-d5
Concen: 69.319 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

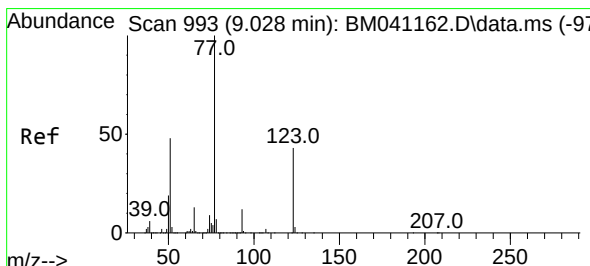
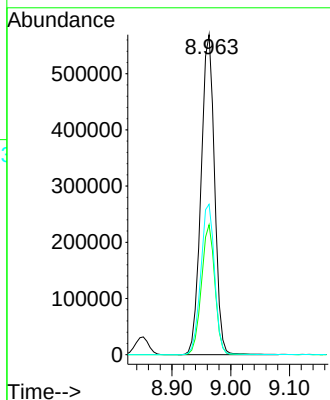
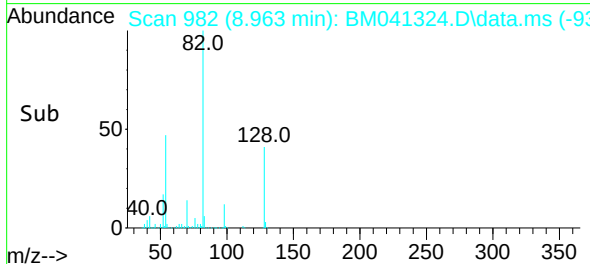
Instrument :
BNA_M
ClientSampleId :
PB154586BS



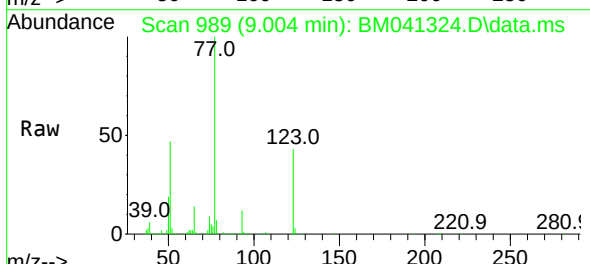
Tgt Ion: 82 Resp: 913834
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 47.0 40.1 60.1

Manual Integrations
APPROVED

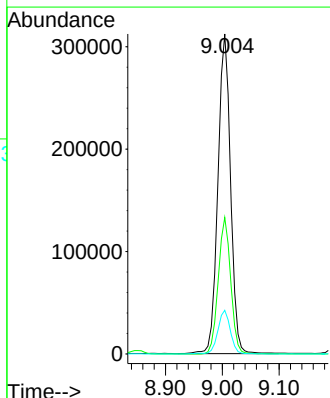
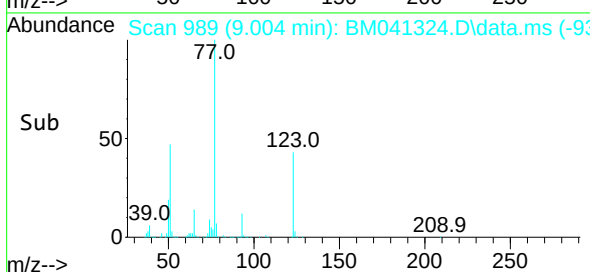
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

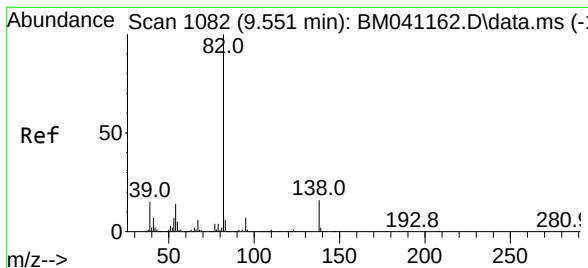


#24
Nitrobenzene
Concen: 36.241 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion: 77 Resp: 483152
Ion Ratio Lower Upper
77 100
123 42.6 34.2 51.2
65 13.7 10.7 16.1





#25

Isophorone

Concen: 37.103 ng

RT: 9.528 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BM041324.D

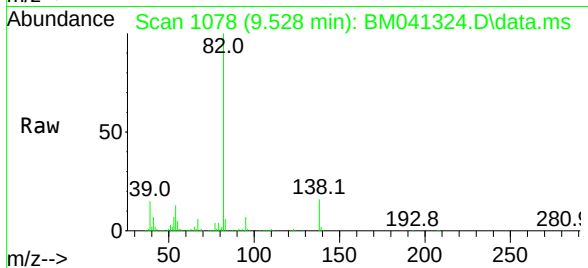
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS



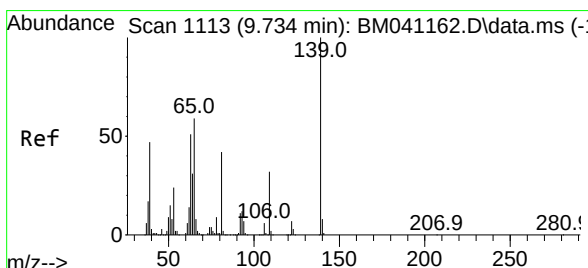
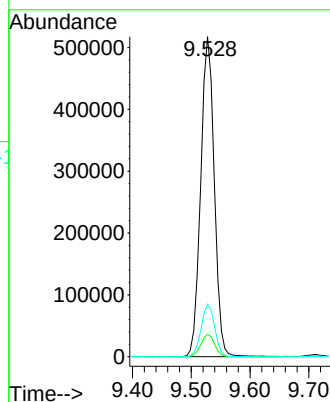
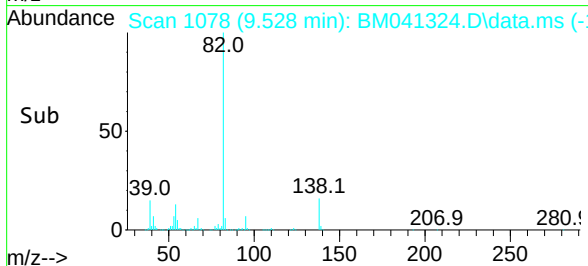
Tgt Ion:	82	Resp:	830308
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	16.4	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#26

2-Nitrophenol

Concen: 41.917 ng

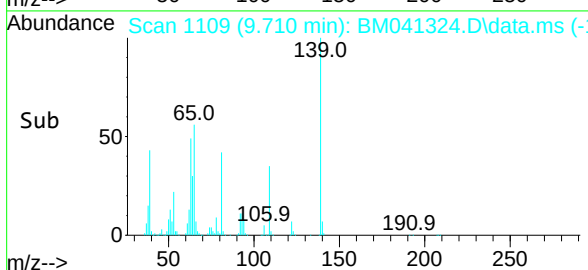
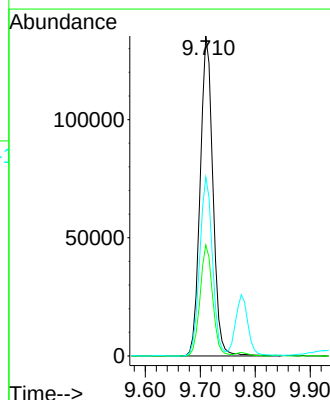
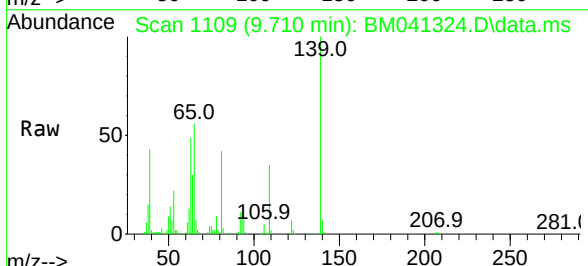
RT: 9.710 min Scan# 1109

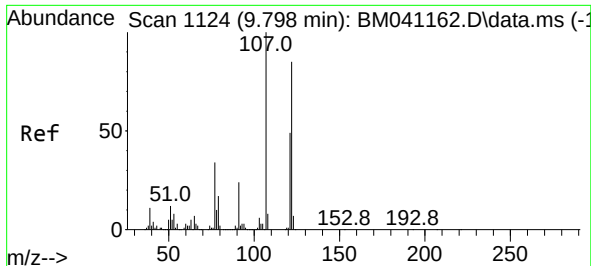
Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Tgt Ion:	139	Resp:	218456
Ion Ratio	Lower	Upper	
139	100		
109	34.7	25.4	38.2
65	55.9	47.2	70.8





#27

2,4-Dimethylphenol

Concen: 35.555 ng

RT: 9.775 min Scan# 1124

Delta R.T. -0.006 min

Lab File: BM041324.D

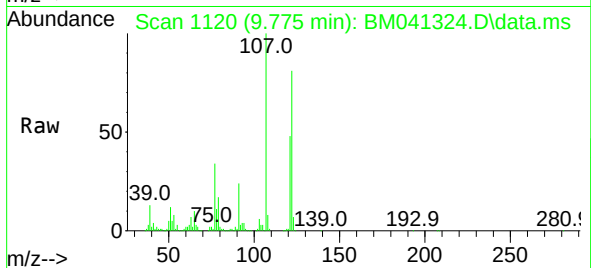
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS



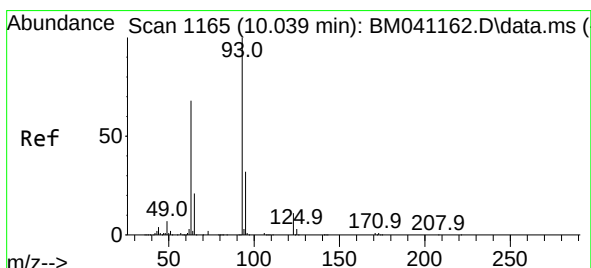
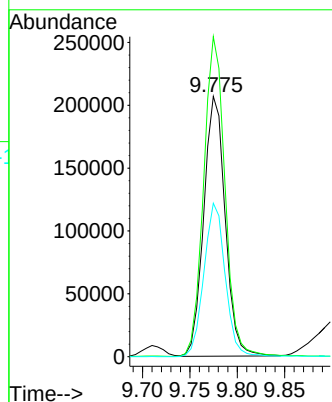
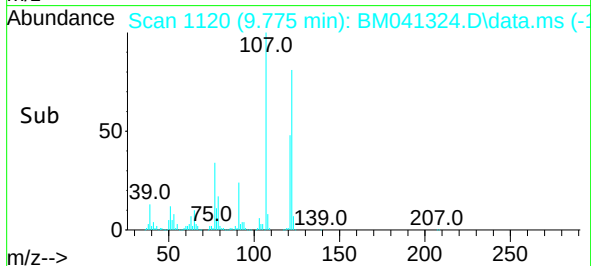
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.9	94.3	141.5
121	59.0	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 35.464 ng

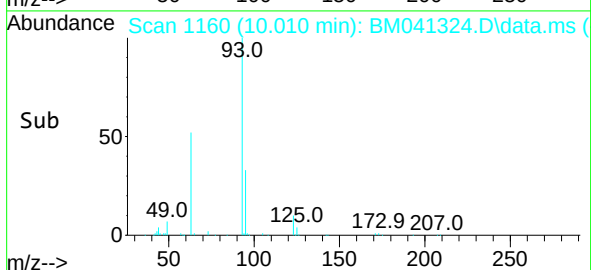
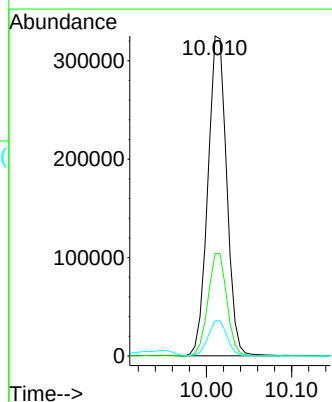
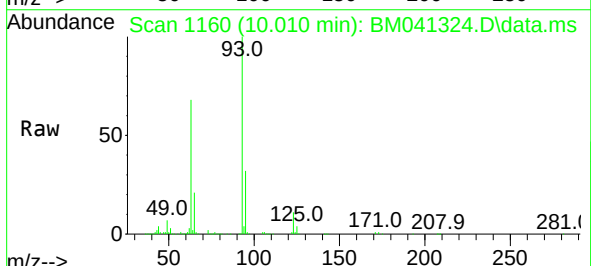
RT: 10.010 min Scan# 1160

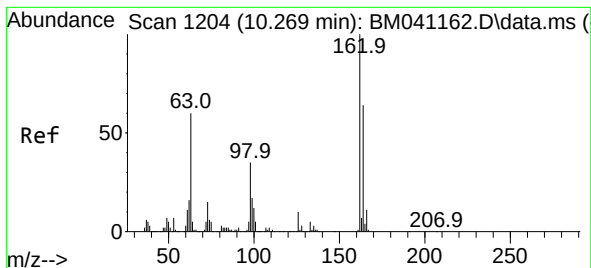
Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

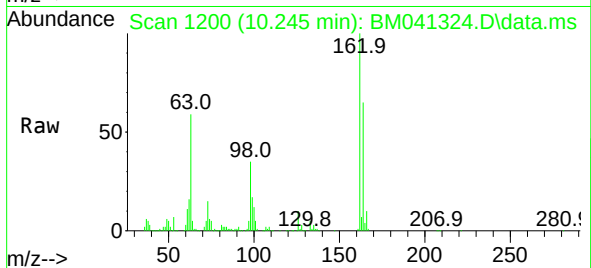
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.9	38.9
123	11.0	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 39.529 ng
RT: 10.245 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

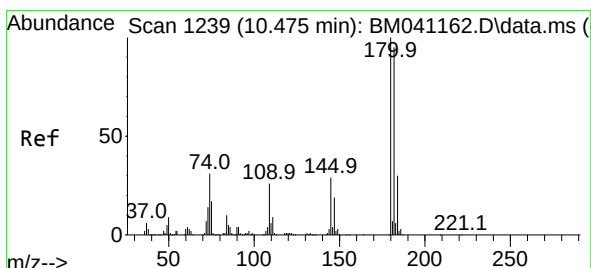
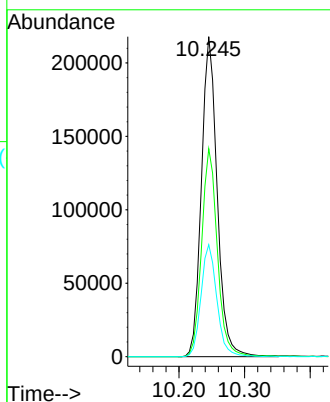
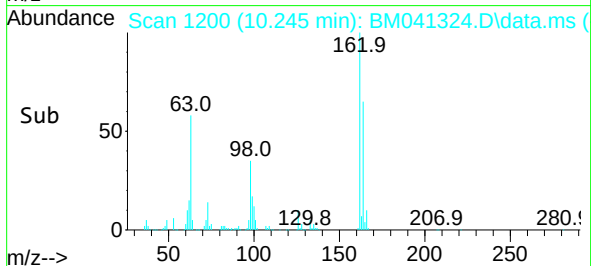
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion:162 Resp: 36557
Ion Ratio Lower Upper
162 100
164 65.0 44.3 84.3
98 35.0 15.1 55.1

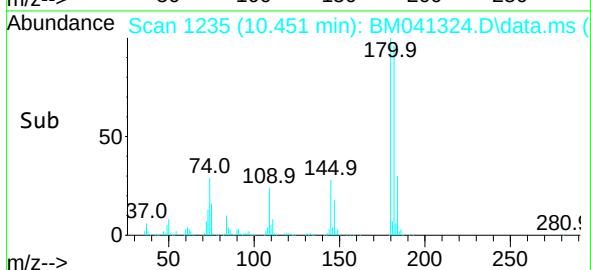
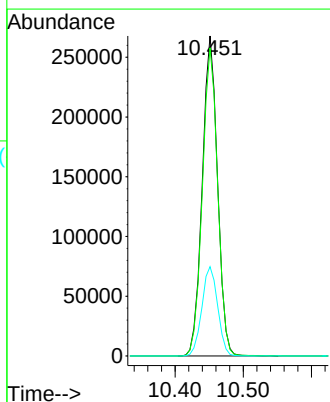
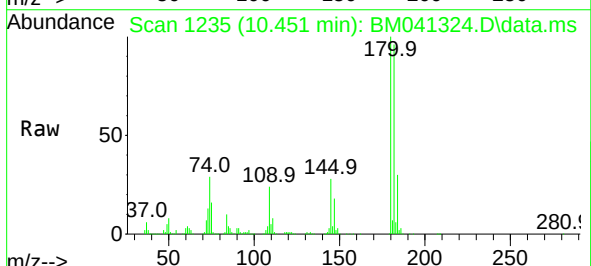
Manual Integrations
APPROVED

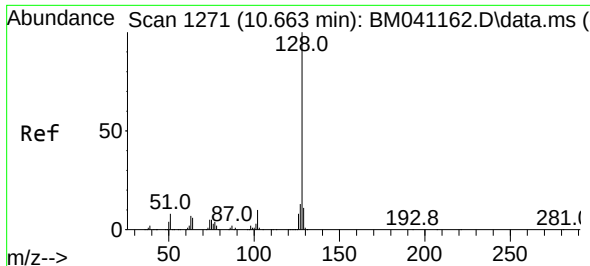
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#30
1,2,4-Trichlorobenzene
Concen: 40.705 ng
RT: 10.451 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

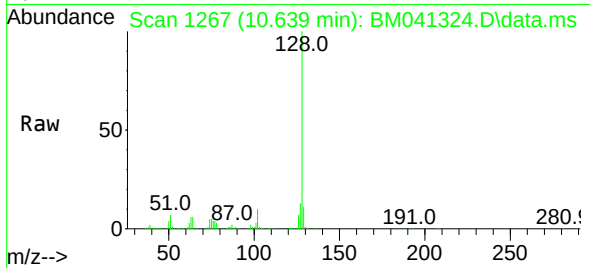
Tgt Ion:180 Resp: 415923
Ion Ratio Lower Upper
180 100
182 96.3 75.9 113.9
145 27.9 23.6 35.4





#31
Naphthalene
Concen: 36.177 ng
RT: 10.639 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

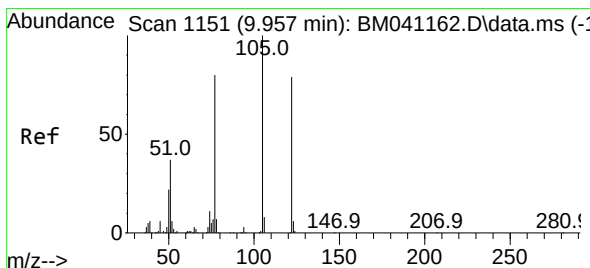
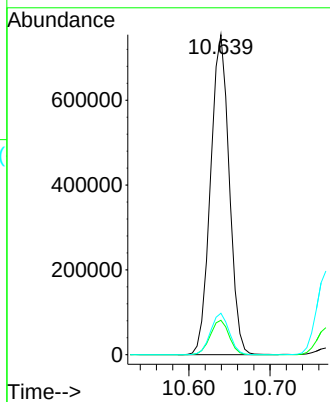
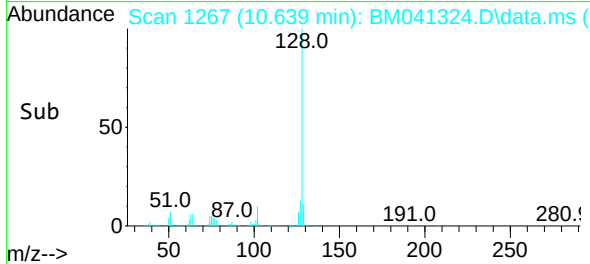
Instrument :
BNA_M
ClientSampleId :
PB154586BS



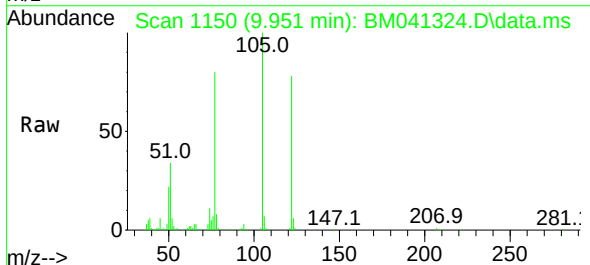
Tgt Ion:128 Resp: 1203544
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.0 10.5 15.7

Manual Integrations
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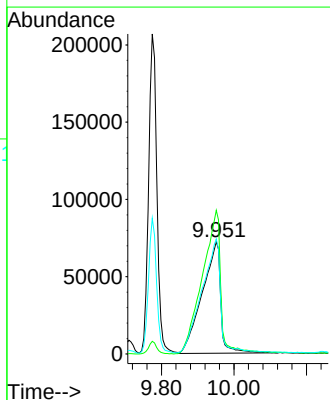
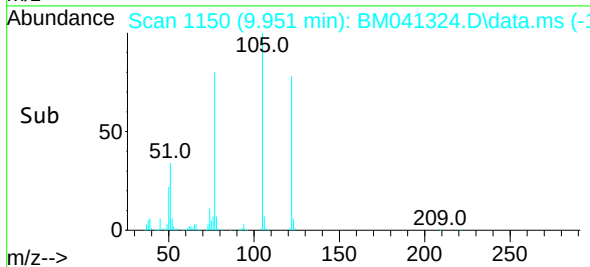
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

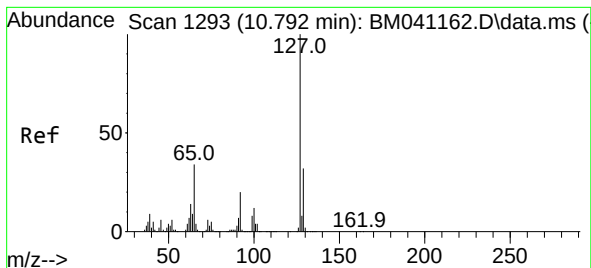


#32
Benzoic acid
Concen: 38.717 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



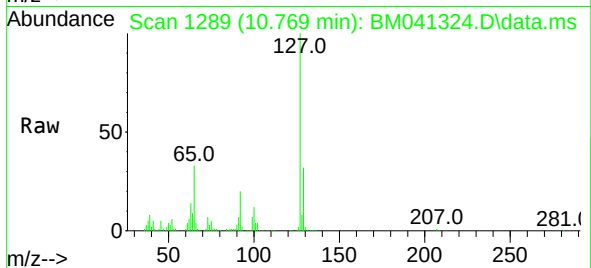
Tgt Ion:122 Resp: 255475
Ion Ratio Lower Upper
122 100
105 128.1 104.0 144.0
77 102.5 79.9 119.9





#33
4-Chloroaniline
Concen: 26.871 ng
RT: 10.769 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :
BNA_M
ClientSampleId :
PB154586BS

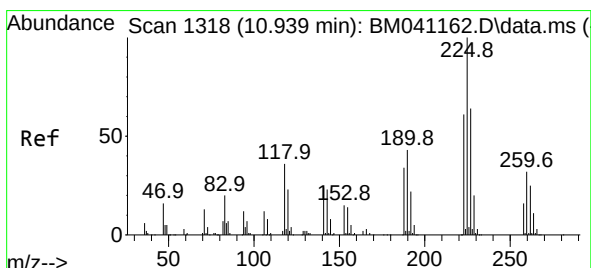
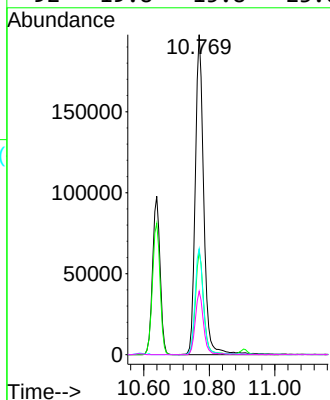
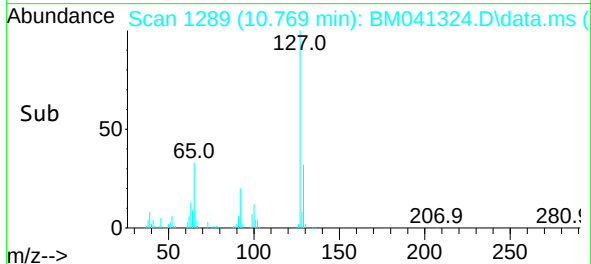


Tgt Ion:127 Resp: 357250

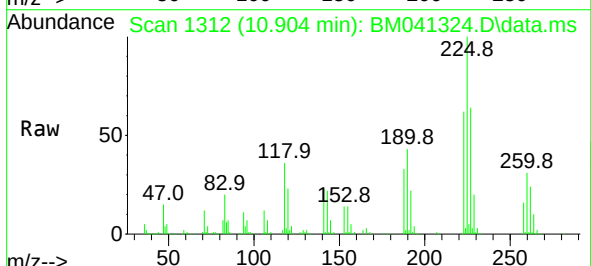
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	33.1	26.9	40.3
92	19.8	15.8	23.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

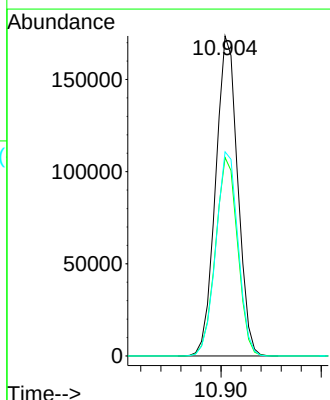
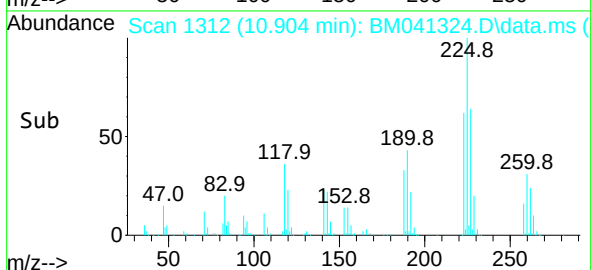


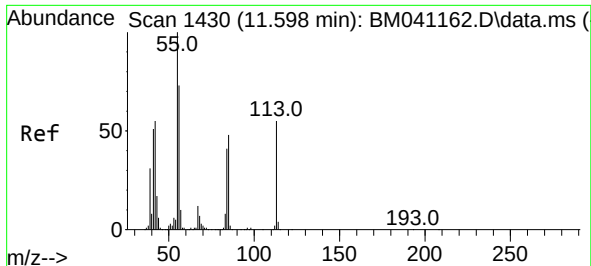
#34
Hexachlorobutadiene
Concen: 43.070 ng
RT: 10.904 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion:225 Resp: 264683

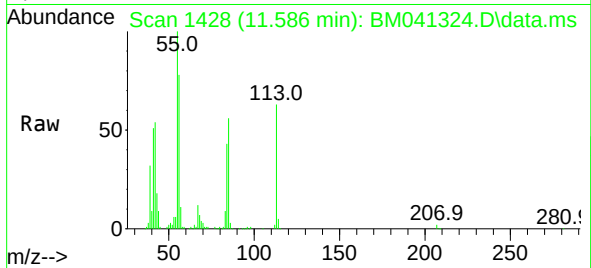
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.4
227	63.8	50.8	76.2





#35
Caprolactam
Concen: 37.866 ng m
RT: 11.586 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

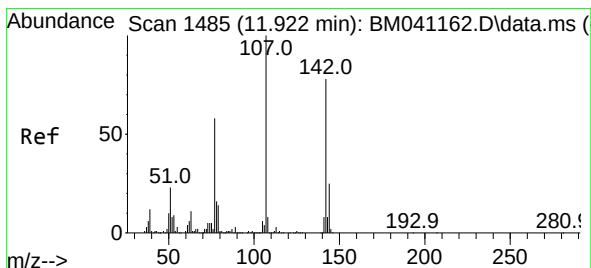
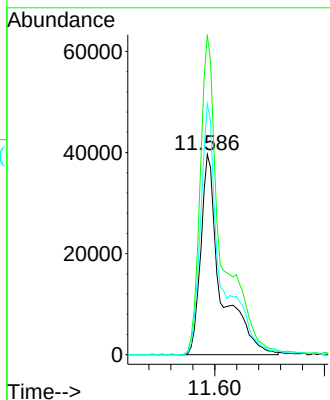
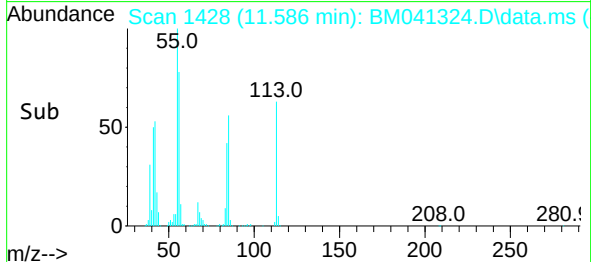
Instrument :
BNA_M
ClientSampleId :
PB154586BS



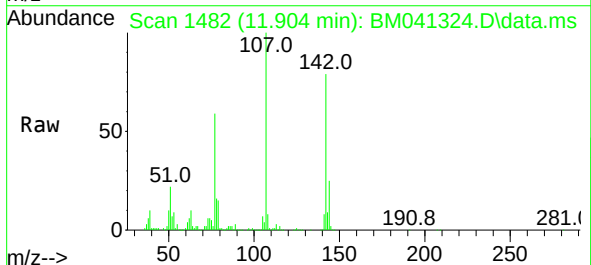
Tgt Ion:113 Resp: 101304
Ion Ratio Lower Upper
113 100
55 159.9 162.5 202.5
56 125.3 114.1 154.1

Manual Integrations
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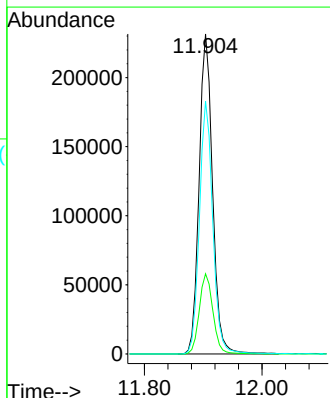
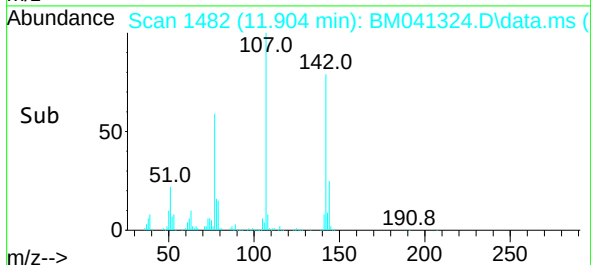
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

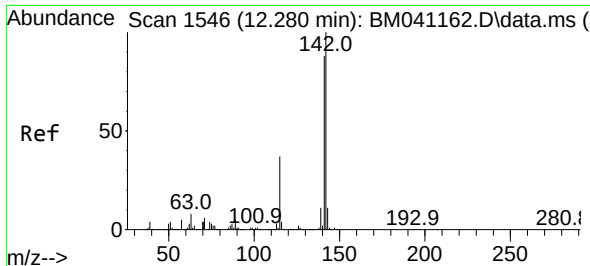


#36
4-Chloro-3-methylphenol
Concen: 37.752 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



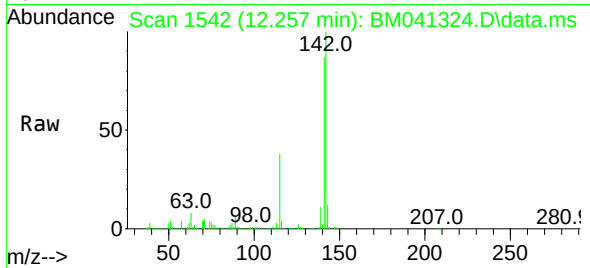
Tgt Ion:107 Resp: 367476
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 79.0 62.2 93.4





#37
2-Methylnaphthalene
Concen: 35.303 ng
RT: 12.257 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

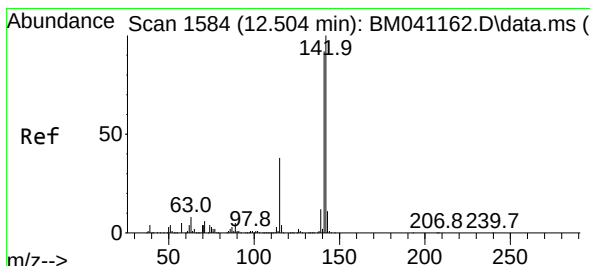
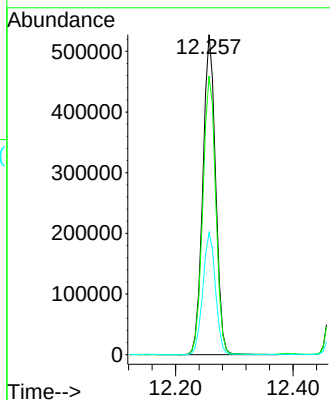
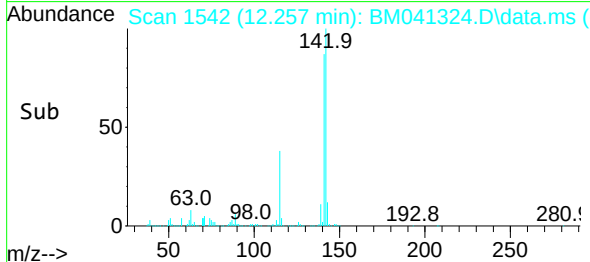
Instrument :
BNA_M
ClientSampleId :
PB154586BS



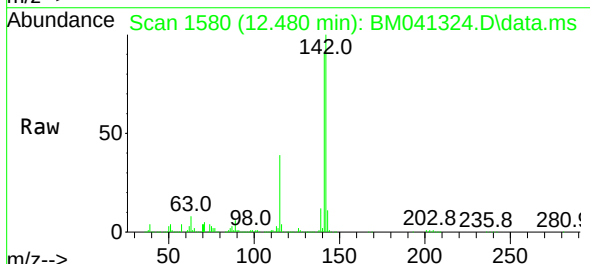
Tgt Ion:142 Resp: 791819
Ion Ratio Lower Upper
142 100
141 87.1 70.7 106.1
115 38.1 29.3 43.9

Manual Integrations
APPROVED

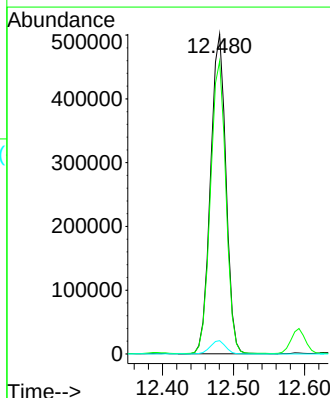
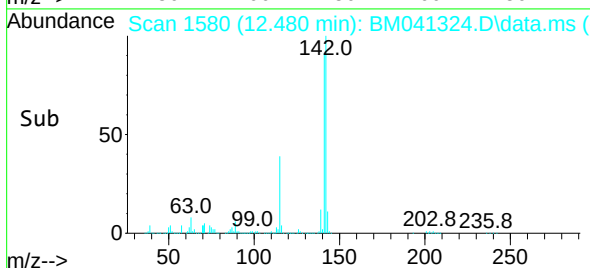
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

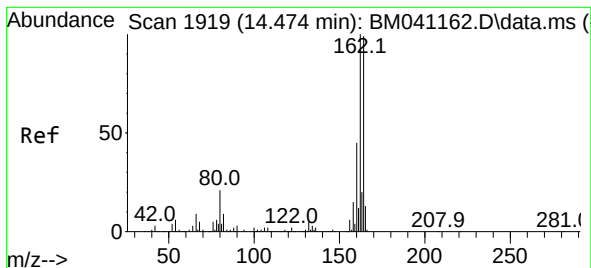


#38
1-Methylnaphthalene
Concen: 36.004 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion:142 Resp: 755800
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BM041324.D

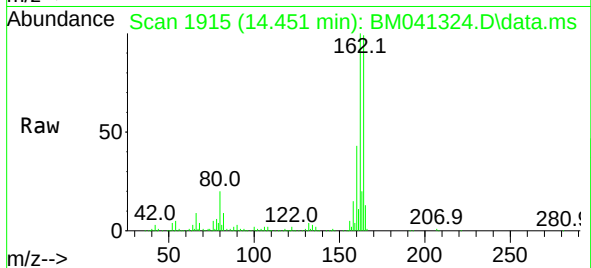
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS



Tgt Ion:164 Resp: 34348

Ion Ratio Lower Upper

164 100

162 100.7 80.4 120.6

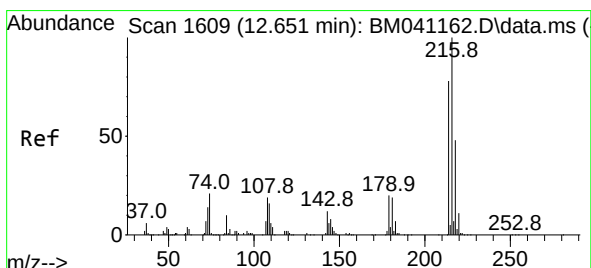
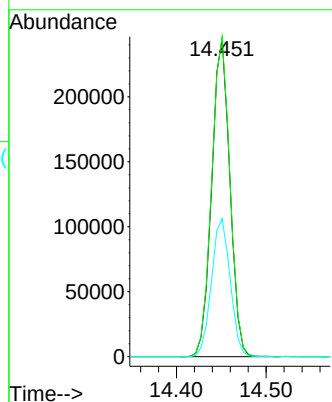
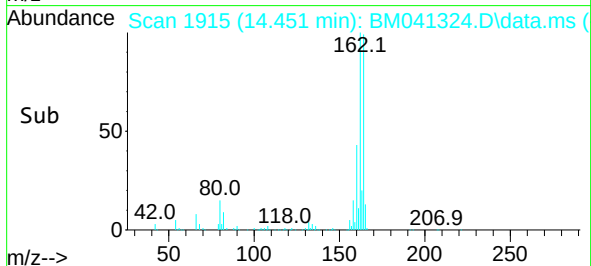
160 43.5 36.2 54.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.585 ng

RT: 12.627 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Tgt Ion:216 Resp: 441498

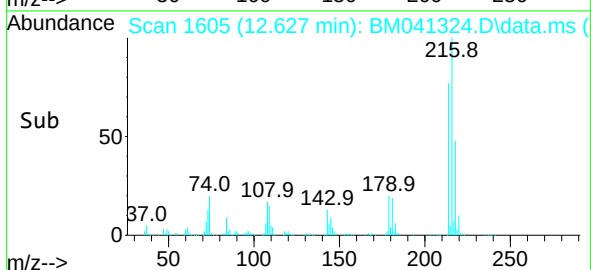
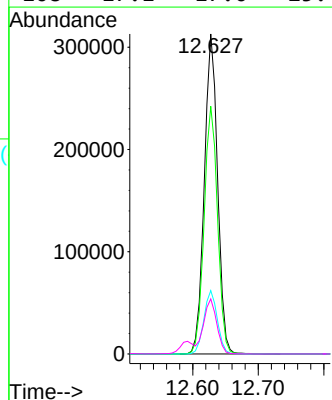
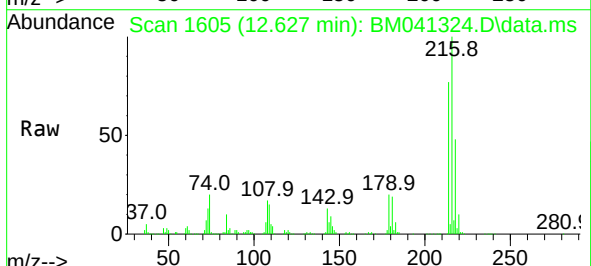
Ion Ratio Lower Upper

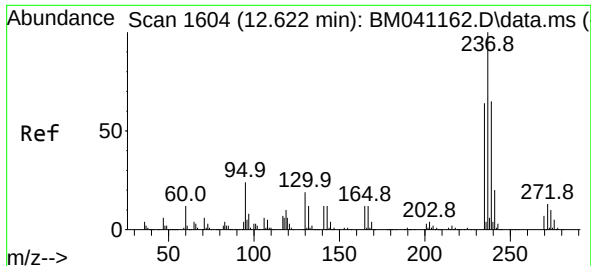
216 100

214 78.5 63.2 94.8

179 20.1 16.2 24.2

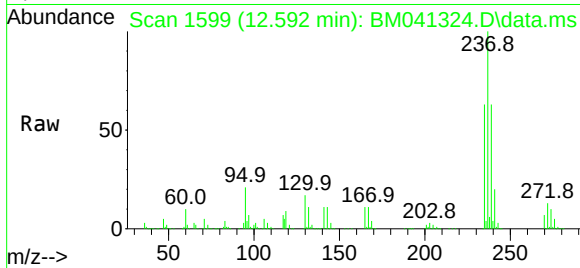
108 17.1 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 82.760 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

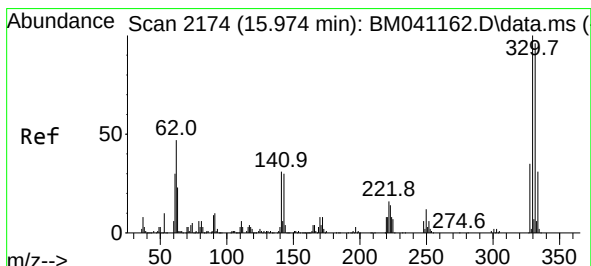
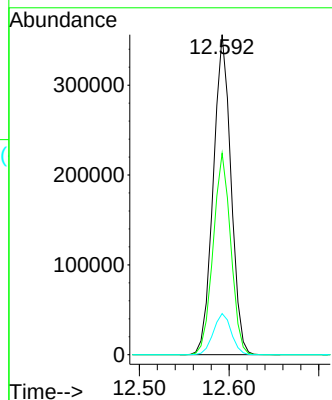
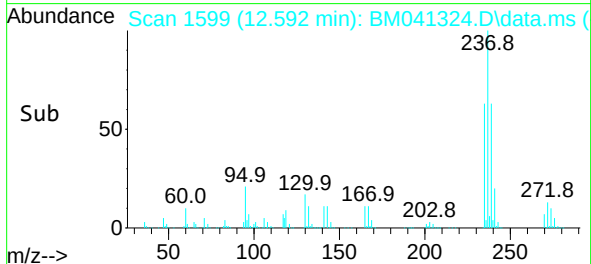
Instrument :
BNA_M
ClientSampleId :
PB154586BS



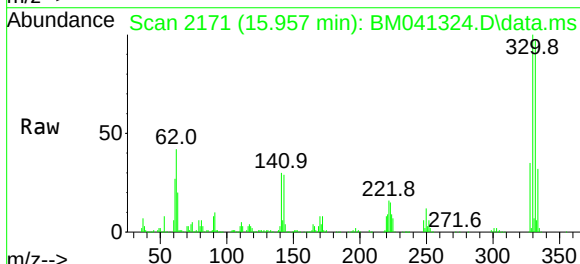
Tgt Ion:237 Resp: 488334
Ion Ratio Lower Upper
237 100
235 62.9 43.6 83.6
272 12.9 0.0 33.3

Manual Integrations
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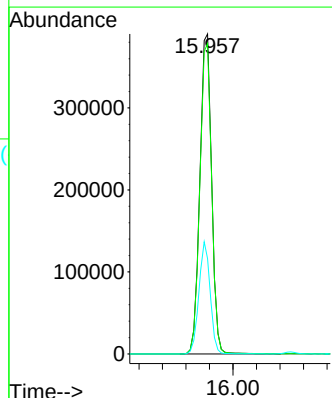
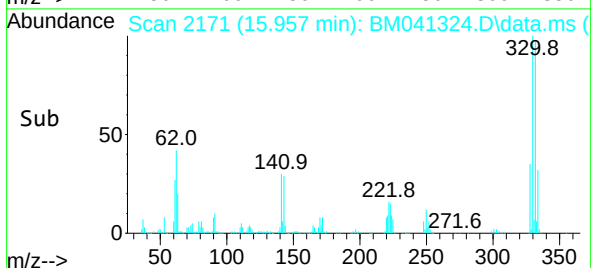
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

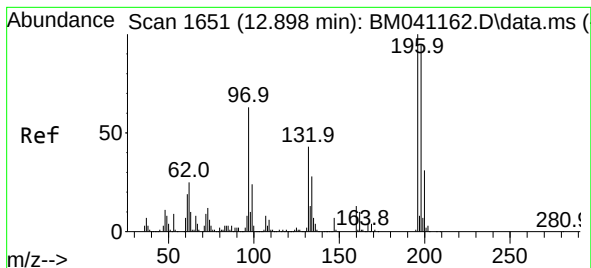


#42
2,4,6-Tribromophenol
Concen: 111.383 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



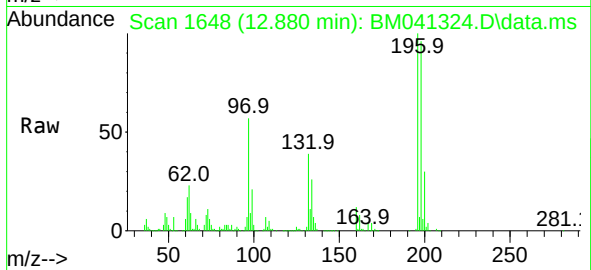
Tgt Ion:330 Resp: 541140
Ion Ratio Lower Upper
330 100
332 97.5 77.7 116.5
141 33.6 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 40.002 ng
RT: 12.880 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

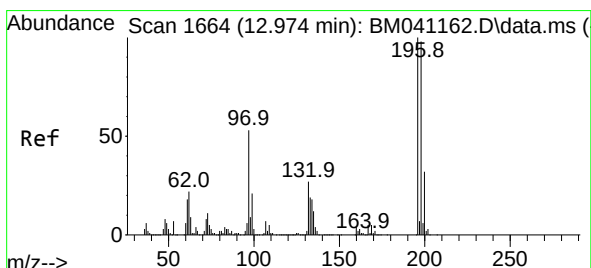
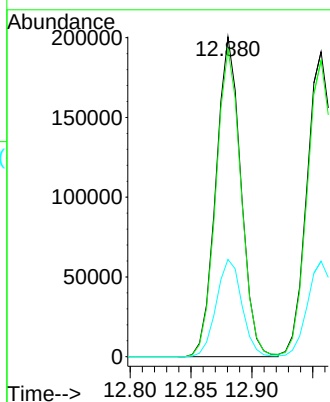
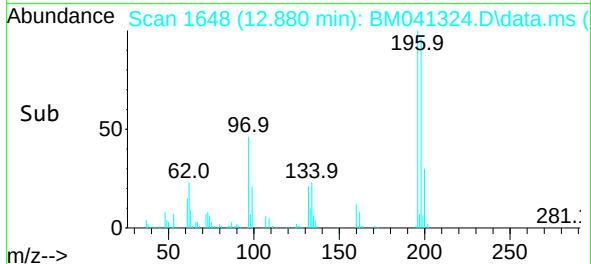
Instrument :
BNA_M
ClientSampleId :
PB154586BS



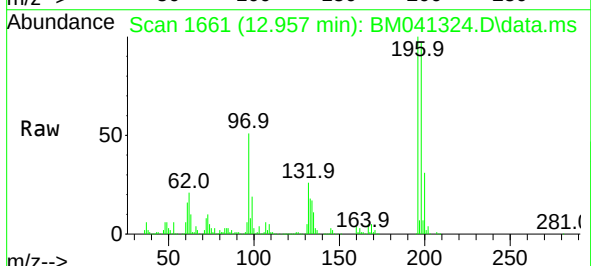
Tgt Ion:196 Resp: 28596
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.4
200 30.4 24.6 36.8

Manual Integrations
APPROVED

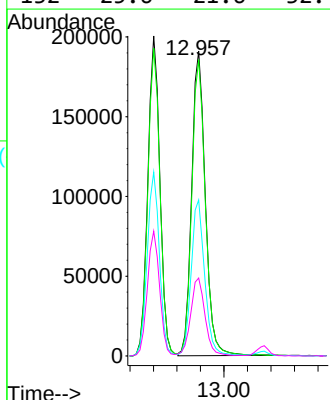
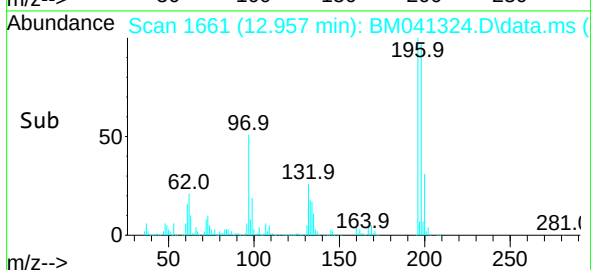
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

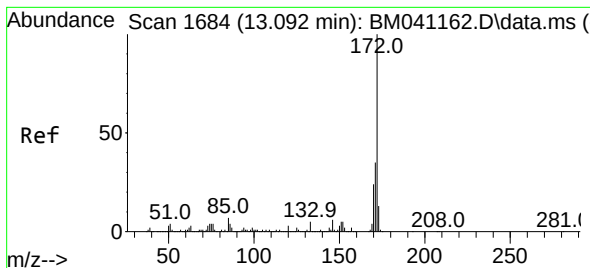


#44
2,4,5-Trichlorophenol
Concen: 37.274 ng
RT: 12.957 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



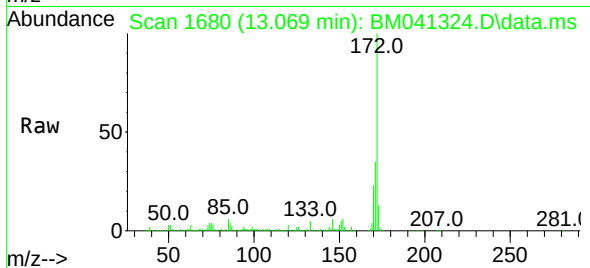
Tgt Ion:196 Resp: 308408
Ion Ratio Lower Upper
196 100
198 97.2 78.2 117.4
97 51.2 42.7 64.1
132 25.6 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 69.305 ng
RT: 13.069 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

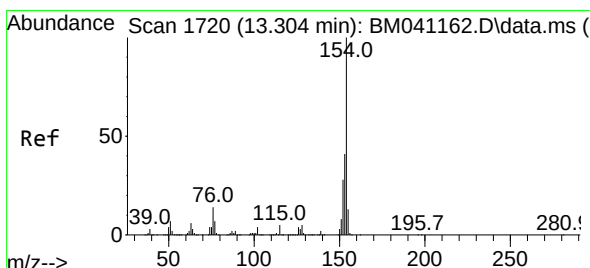
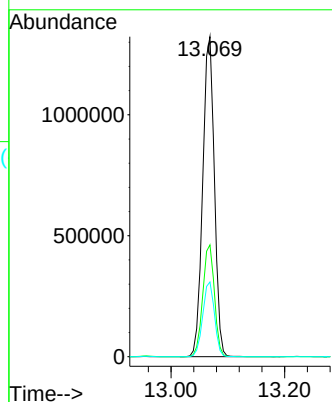
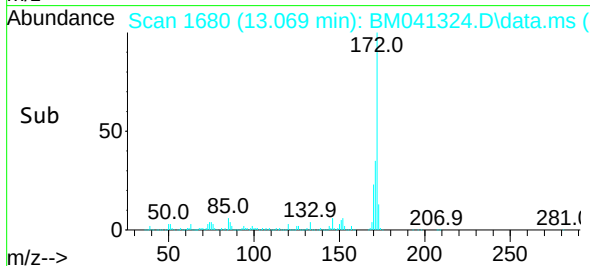
Instrument :
BNA_M
ClientSampleId :
PB154586BS



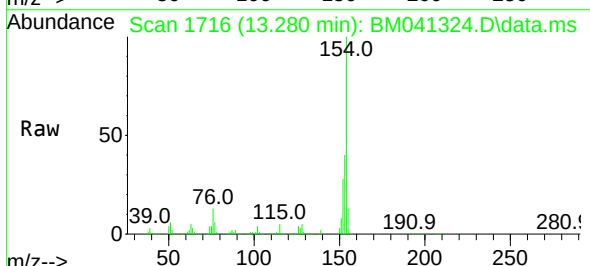
Tgt Ion:172 Resp: 1884439
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 18.9 28.3

Manual Integrations
APPROVED

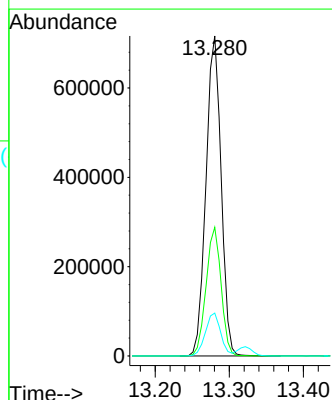
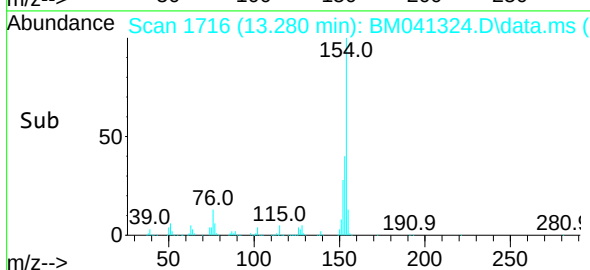
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

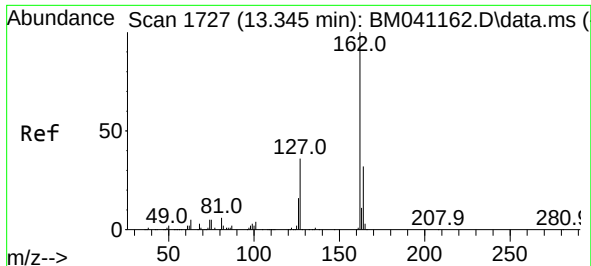


#46
1,1'-Biphenyl
Concen: 36.537 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



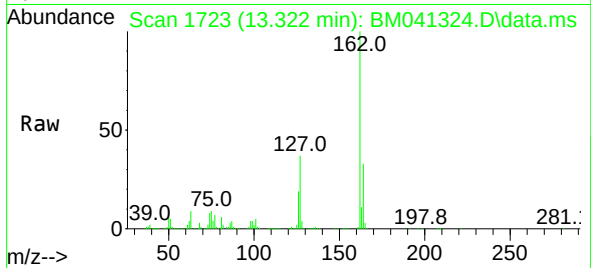
Tgt Ion:154 Resp: 1017394
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 13.4 0.0 34.1





#47
2-Chloronaphthalene
Concen: 38.203 ng
RT: 13.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

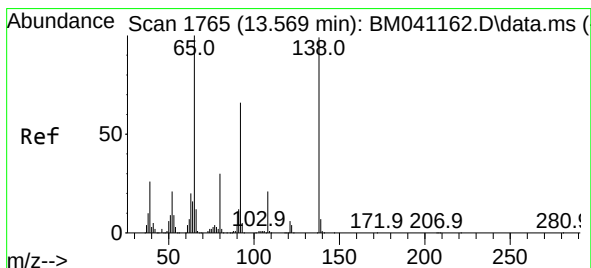
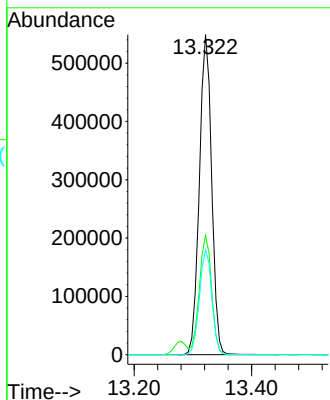
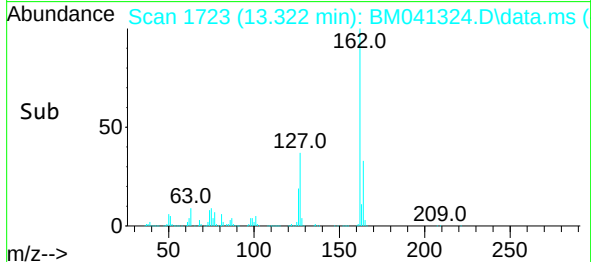
Instrument :
BNA_M
ClientSampleId :
PB154586BS



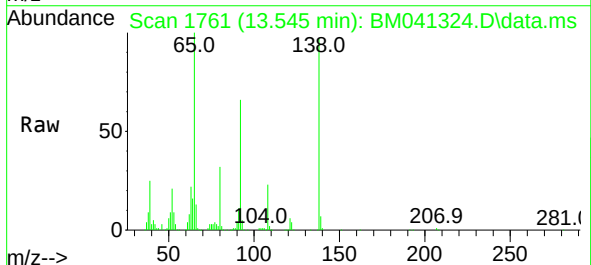
Tgt Ion:162 Resp: 794300
Ion Ratio Lower Upper
162 100
127 37.4 30.6 45.8
164 32.8 25.6 38.4

Manual Integrations
APPROVED

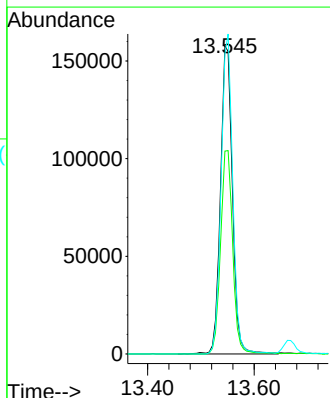
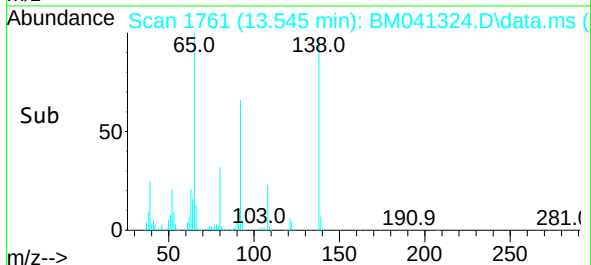
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

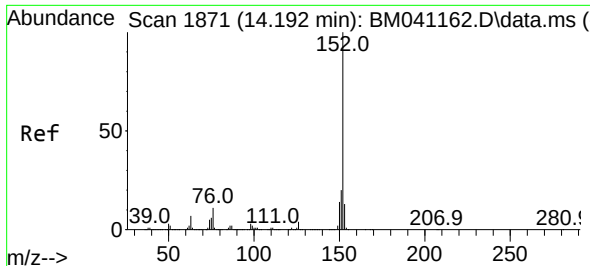


#48
2-Nitroaniline
Concen: 36.977 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



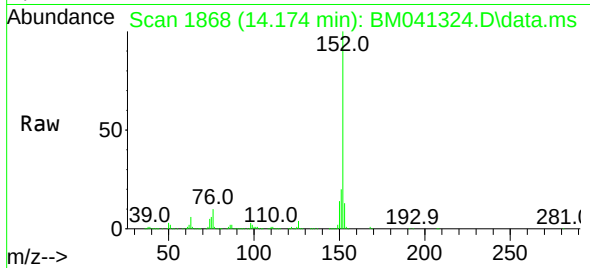
Tgt Ion: 65 Resp: 245408
Ion Ratio Lower Upper
65 100
92 65.8 53.0 79.4
138 97.4 79.1 118.7





#49
Acenaphthylene
Concen: 37.412 ng
RT: 14.174 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

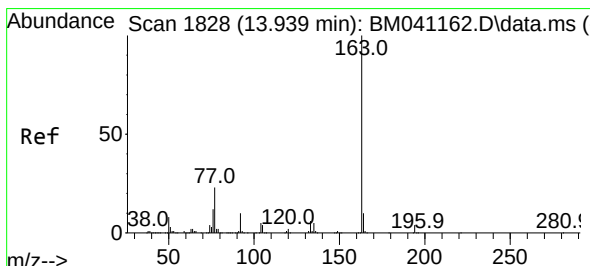
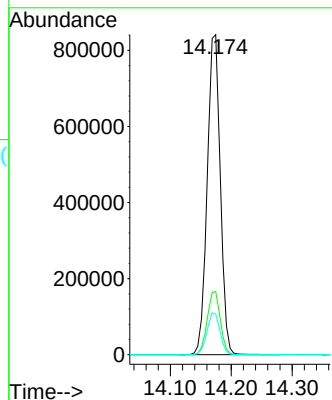
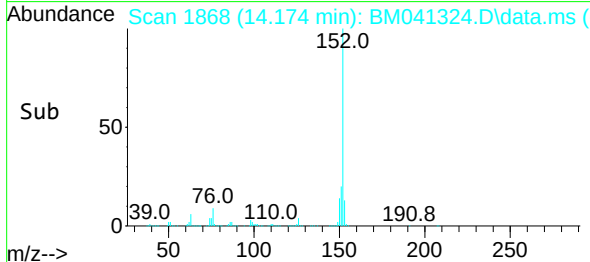
Instrument :
BNA_M
ClientSampleId :
PB154586BS



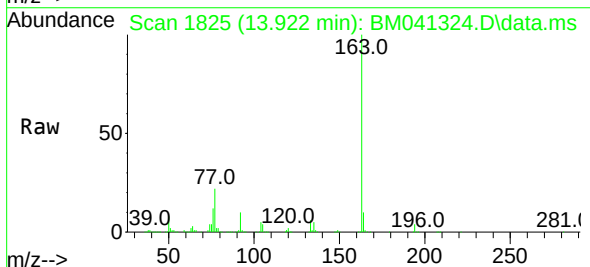
Tgt Ion:152 Resp: 125552
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.7 10.5 15.7

Manual Integrations
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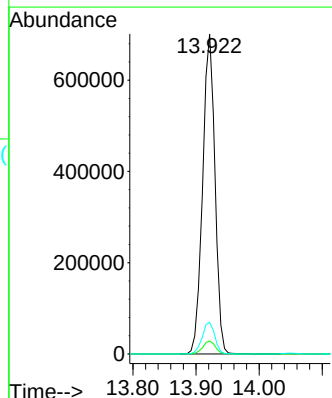
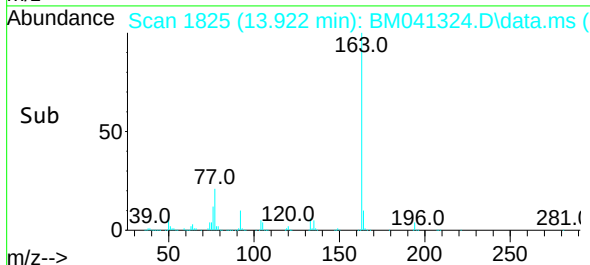
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

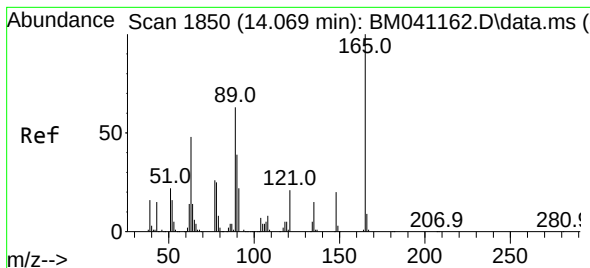


#50
Dimethylphthalate
Concen: 36.871 ng
RT: 13.922 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



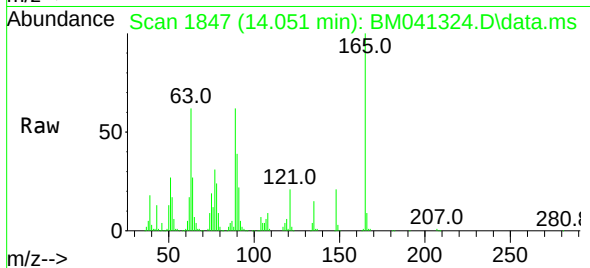
Tgt Ion:163 Resp: 952651
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 38.787 ng
RT: 14.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

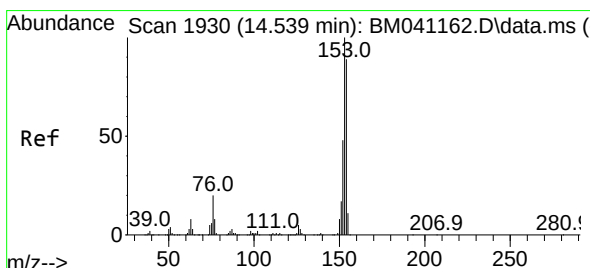
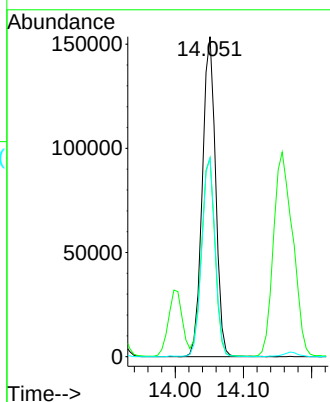
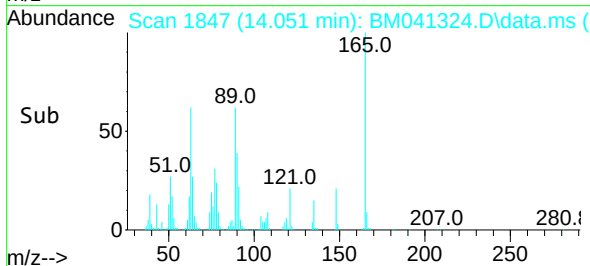
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion:165 Resp: 207640
Ion Ratio Lower Upper
165 100
63 62.1 50.9 76.3
89 62.0 50.6 76.0

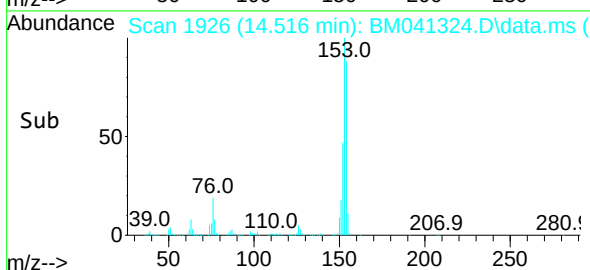
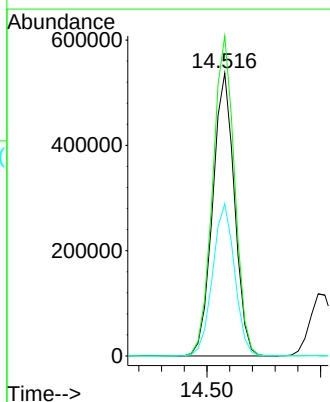
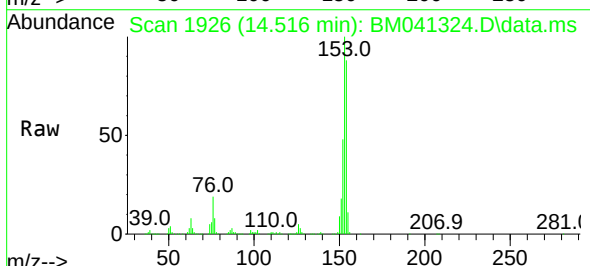
Manual Integrations
APPROVED

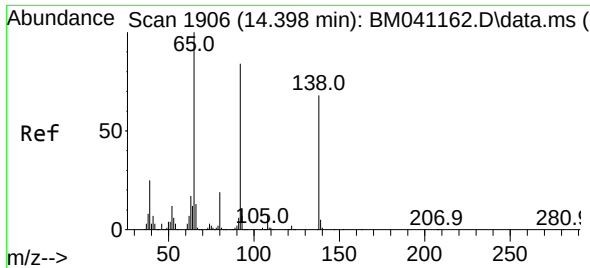
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#52
Acenaphthene
Concen: 35.480 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

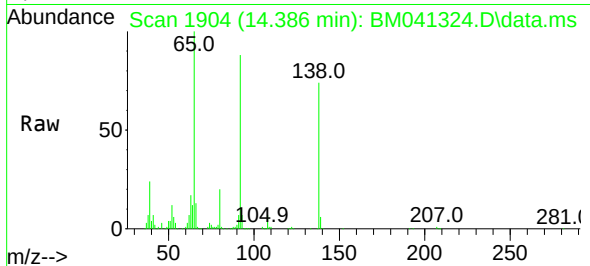
Tgt Ion:154 Resp: 717300
Ion Ratio Lower Upper
154 100
153 113.1 90.2 135.4
152 53.8 43.4 65.0





#53
3-Nitroaniline
Concen: 29.760 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

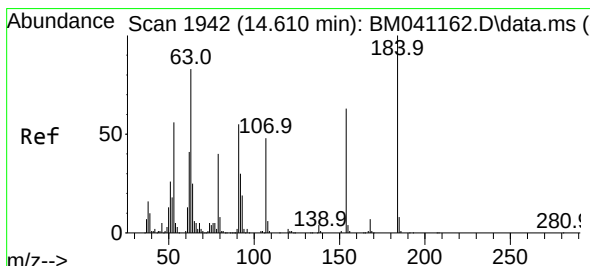
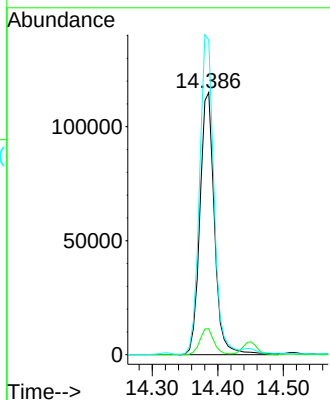
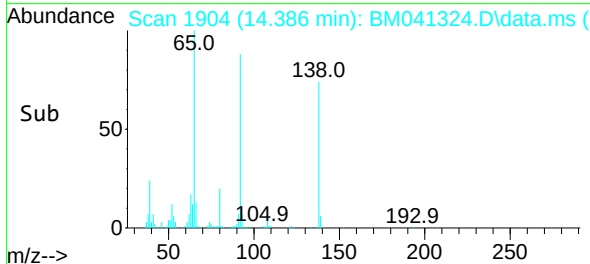
Instrument :
BNA_M
ClientSampleId :
PB154586BS



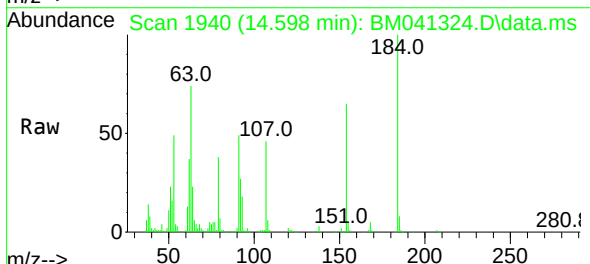
Tgt Ion:138 Resp: 17795
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 120.0 98.9 148.3

Manual Integrations
APPROVED

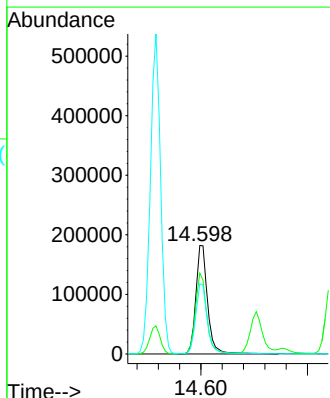
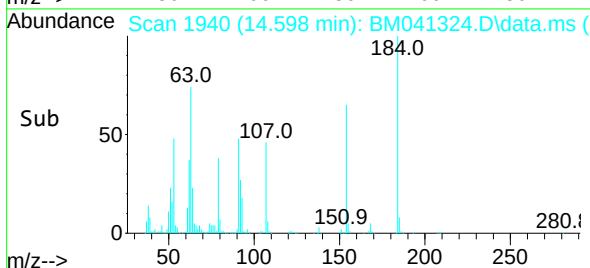
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

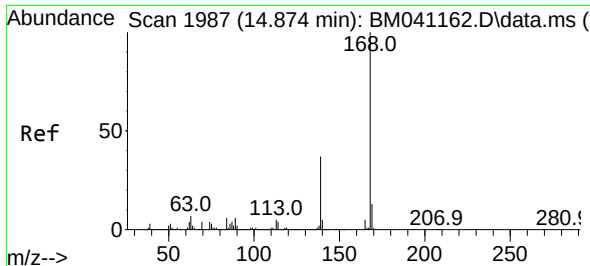


#54
2,4-Dinitrophenol
Concen: 77.372 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



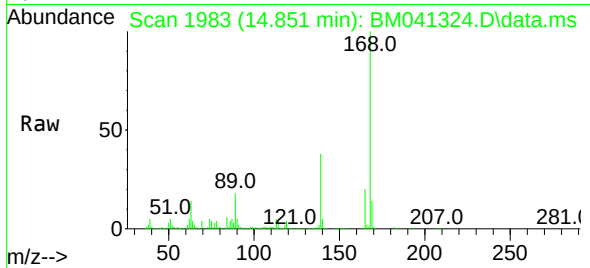
Tgt Ion:184 Resp: 278971
Ion Ratio Lower Upper
184 100
63 74.4 66.5 99.7
154 64.8 52.8 79.2





#55
Dibenzenofuran
Concen: 35.486 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

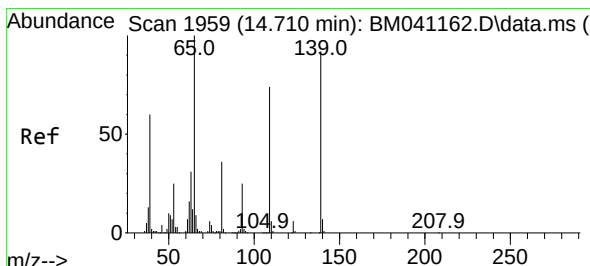
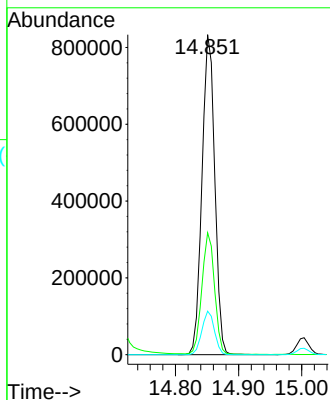
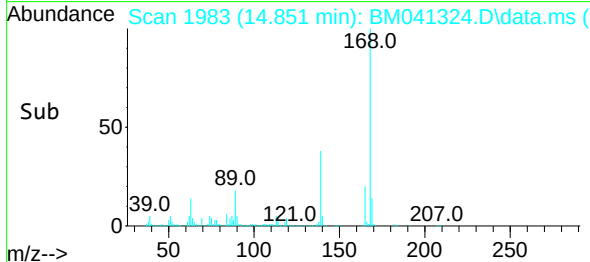
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion:168 Resp: 117052
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6
169 13.6 10.5 15.7

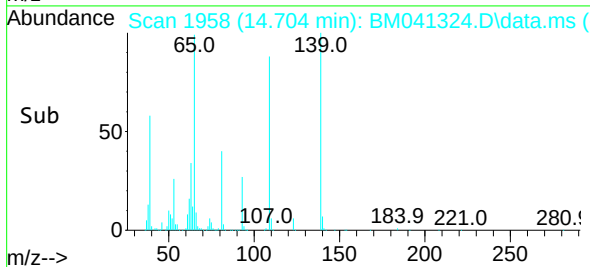
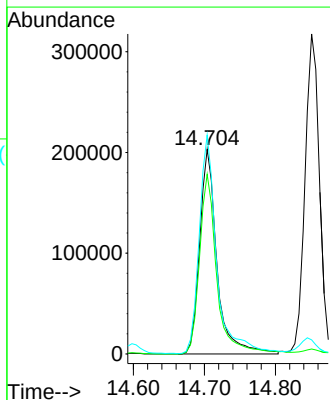
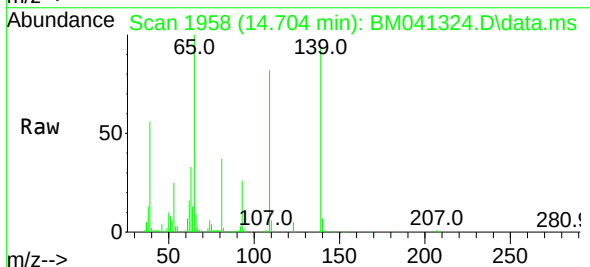
Manual Integrations
APPROVED

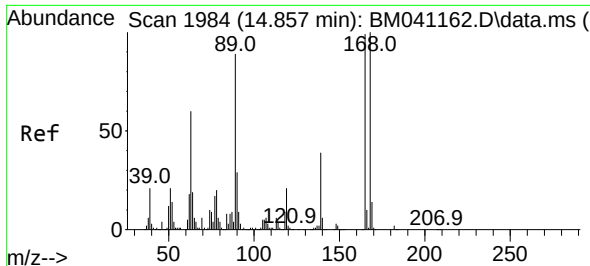
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#56
4-Nitrophenol
Concen: 77.489 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:139 Resp: 345733
Ion Ratio Lower Upper
139 100
109 87.9 61.2 101.2
65 107.0 89.5 129.5





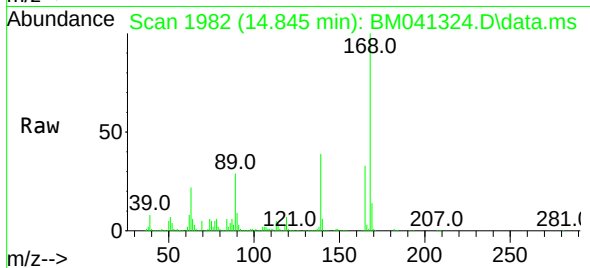
#57
2,4-Dinitrotoluene
Concen: 37.520 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

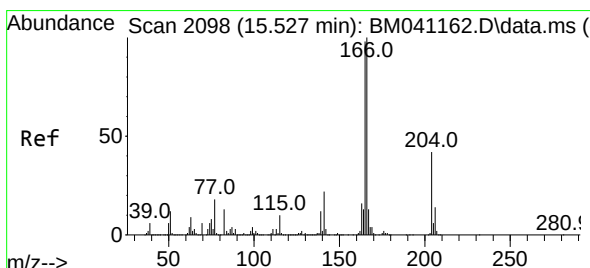
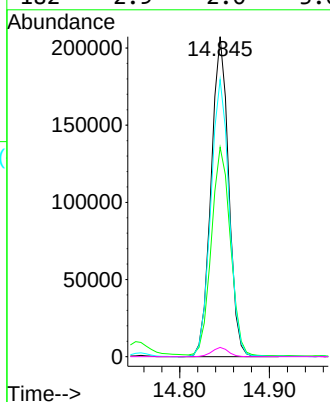
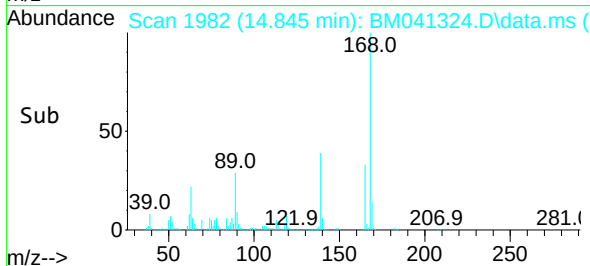


Tgt Ion:165 Resp: 28212
Ion Ratio Lower Upper
165 100
63 65.4 48.3 72.5
89 86.6 71.8 107.8
182 2.9 2.0 3.0

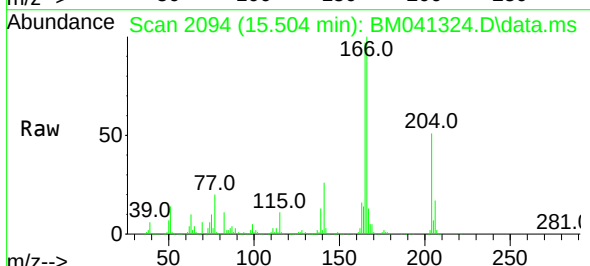
Manual Integrations

APPROVED

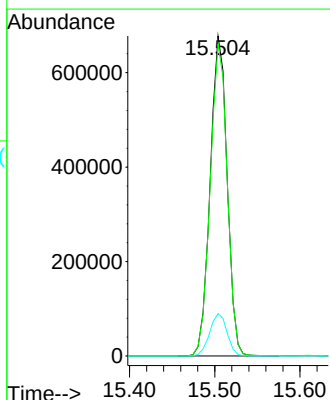
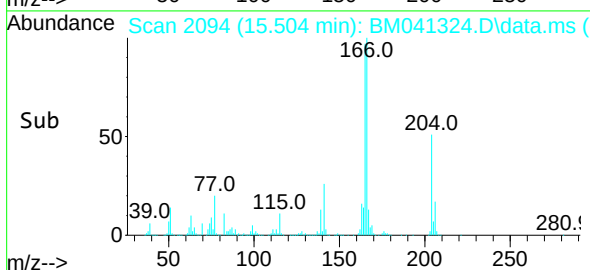
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

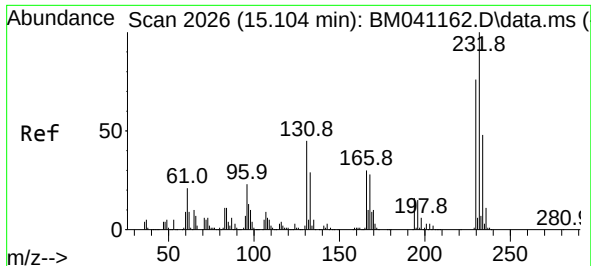


#58
Fluorene
Concen: 35.963 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



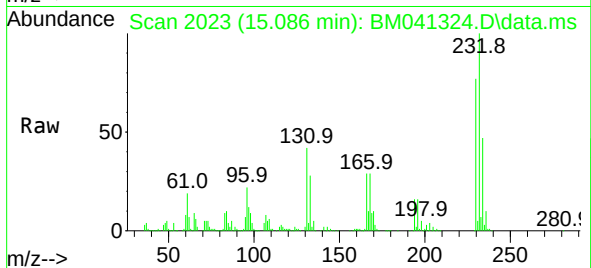
Tgt Ion:166 Resp: 935807
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.947 ng
RT: 15.086 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

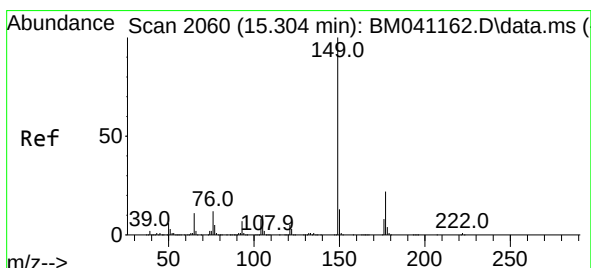
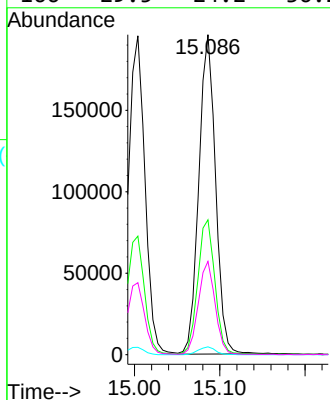
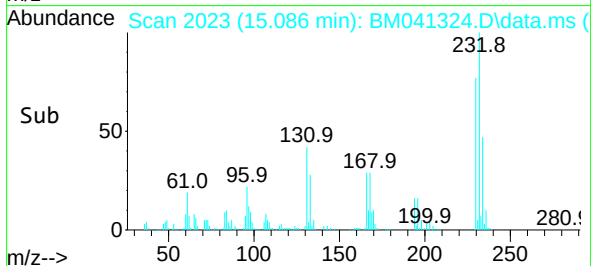
Instrument :
BNA_M
ClientSampleId :
PB154586BS



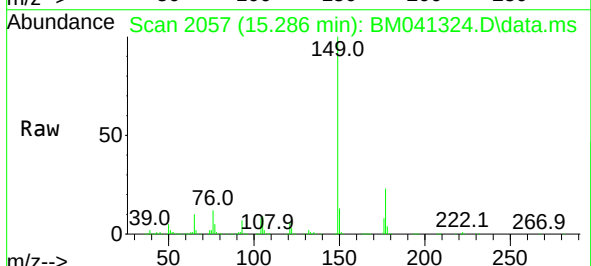
Tgt Ion:232 Resp: 267644
Ion Ratio Lower Upper
232 100
131 43.3 36.9 55.3
130 2.5 2.0 3.0
166 29.5 24.2 36.2

Manual Integrations
APPROVED

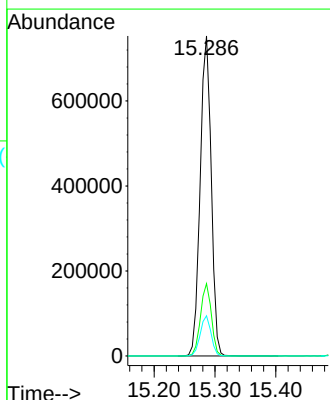
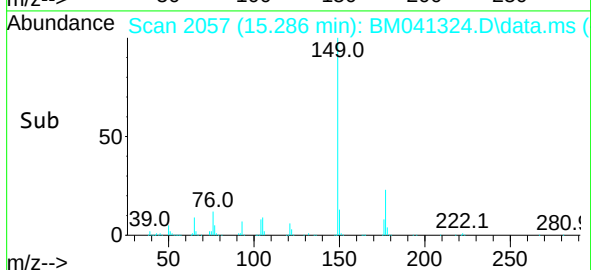
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

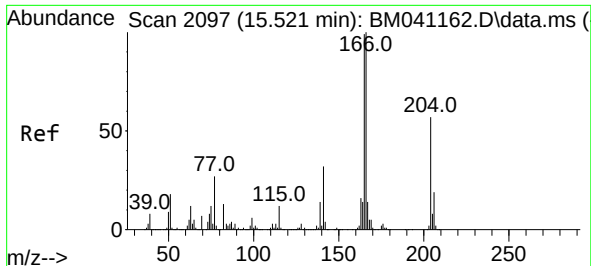


#60
Diethylphthalate
Concen: 37.724 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion:149 Resp: 942578
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.6 10.1 15.1





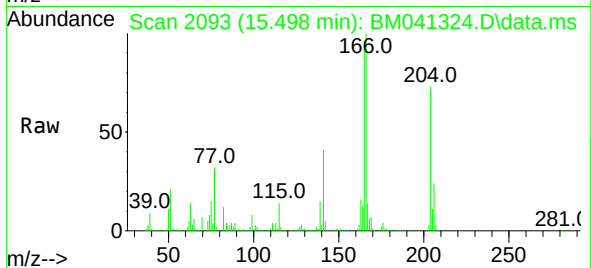
#61
4-Chlorophenyl-phenylether
Concen: 37.456 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

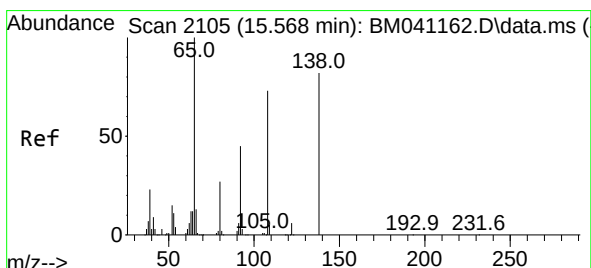
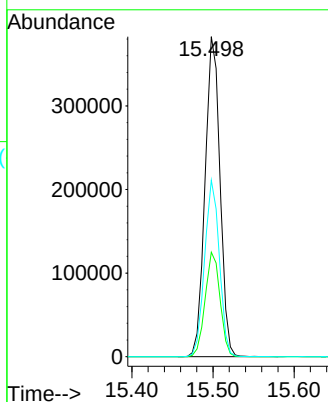
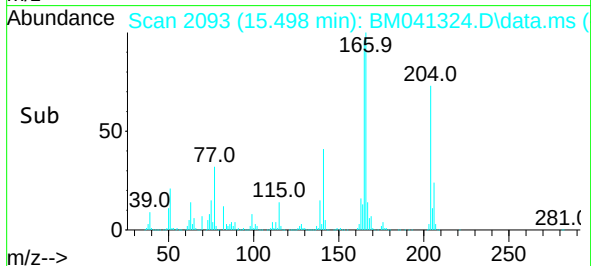


Tgt Ion:204 Resp: 488415
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 55.1 44.8 67.2

Manual Integrations

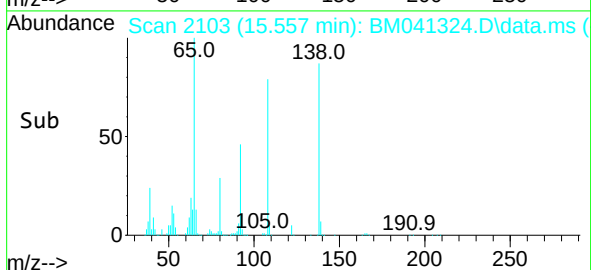
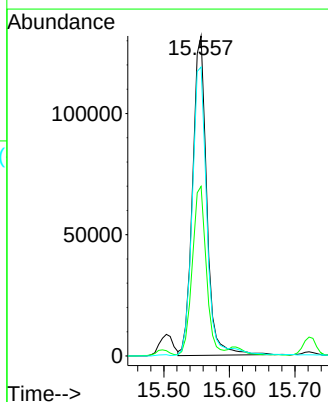
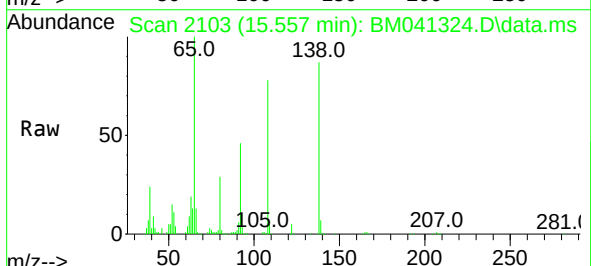
APPROVED

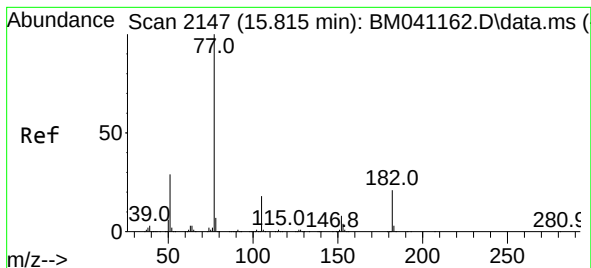
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#62
4-Nitroaniline
Concen: 35.838 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

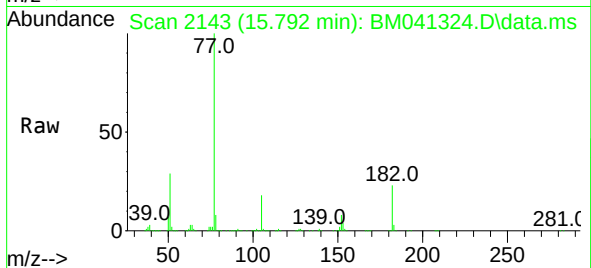
Tgt Ion:138 Resp: 198063
Ion Ratio Lower Upper
138 100
92 53.0 35.1 75.1
108 90.3 67.8 107.8





#63
Azobenzene
Concen: 35.230 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

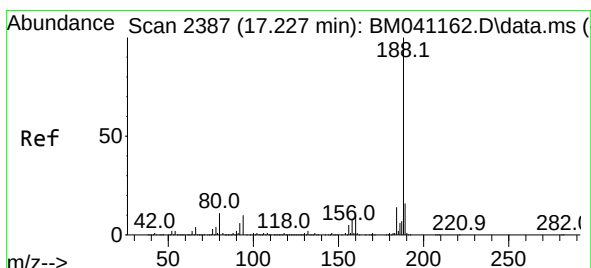
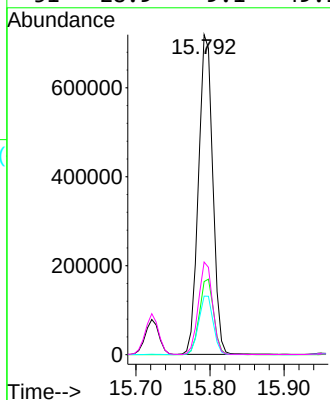
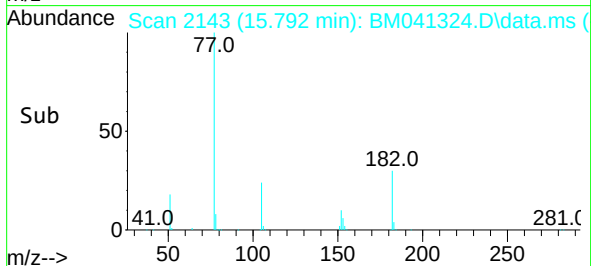
Instrument :
BNA_M
ClientSampleId :
PB154586BS



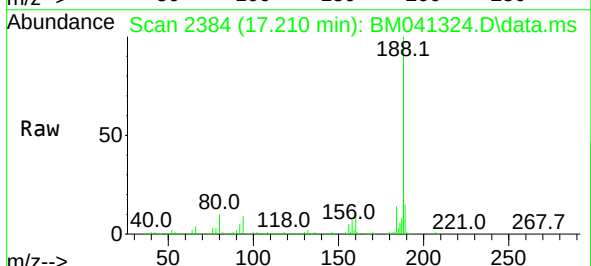
Tgt Ion: 77	Resp: 964218
Ion Ratio	Lower Upper
77 100	
182 22.9	1.3 41.3
105 18.3	0.0 38.5
51 28.9	9.1 49.1

Manual Integrations
APPROVED

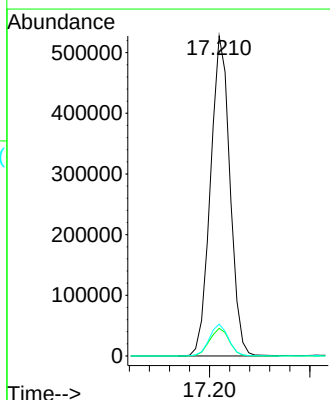
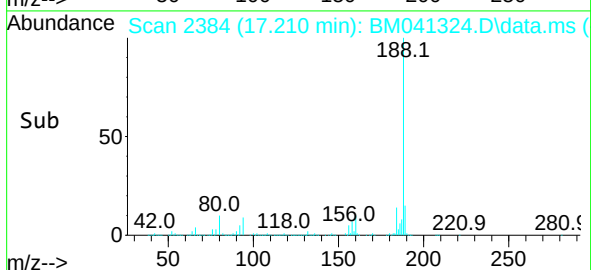
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

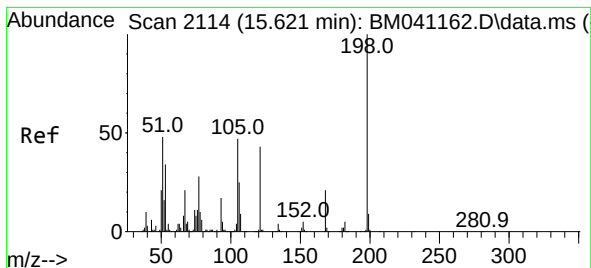


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



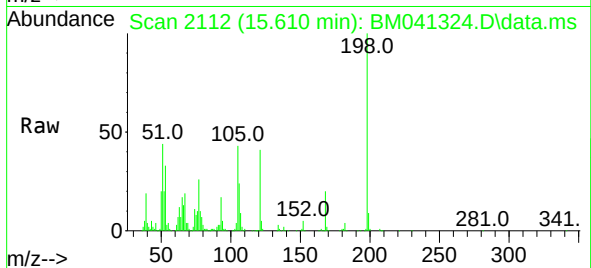
Tgt Ion:188	Resp: 710567
Ion Ratio	Lower Upper
188 100	
94 8.6	8.2 12.2
80 9.9	8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.306 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

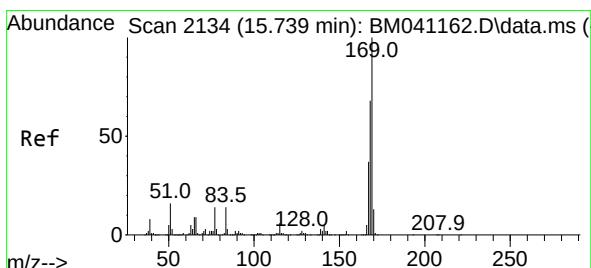
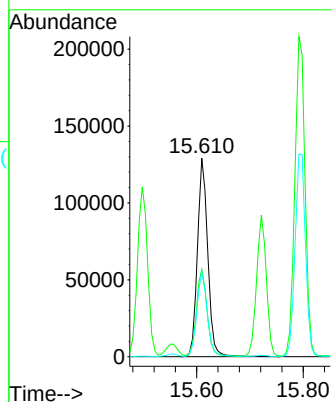
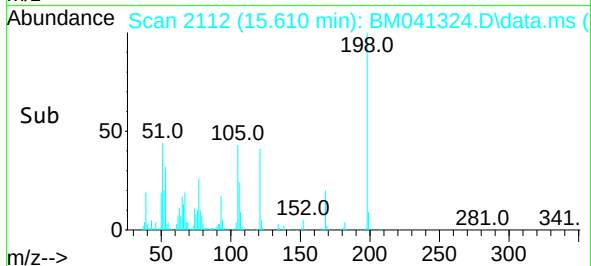
Instrument :
BNA_M
ClientSampleId :
PB154586BS



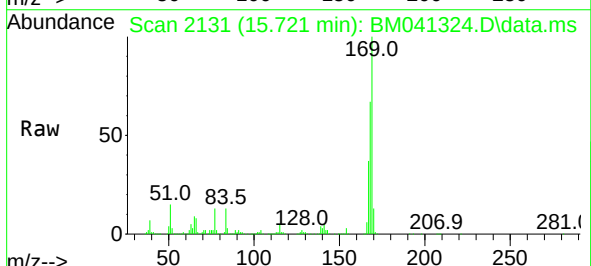
Tgt Ion:198 Resp: 173502
Ion Ratio Lower Upper
198 100
51 44.0 31.7 71.7
105 42.9 27.8 67.8

Manual Integrations
APPROVED

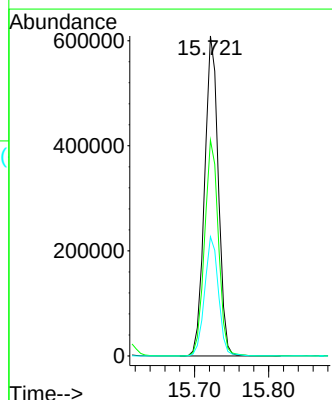
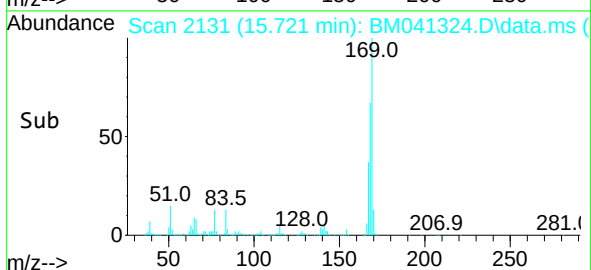
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

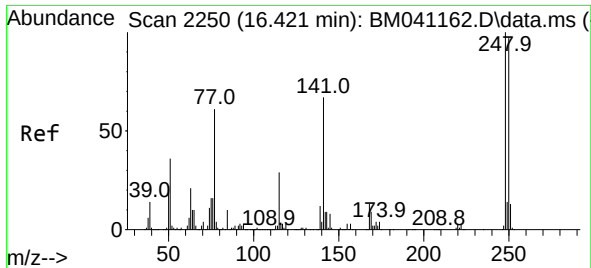


#66
n-Nitrosodiphenylamine
Concen: 35.602 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion:169 Resp: 786783
Ion Ratio Lower Upper
169 100
168 67.5 54.6 81.8
167 37.2 29.9 44.9





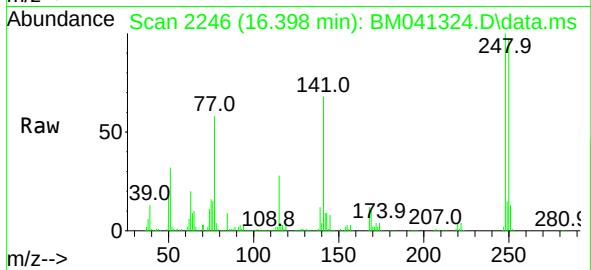
#67
4-Bromophenyl-phenylether
Concen: 38.184 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

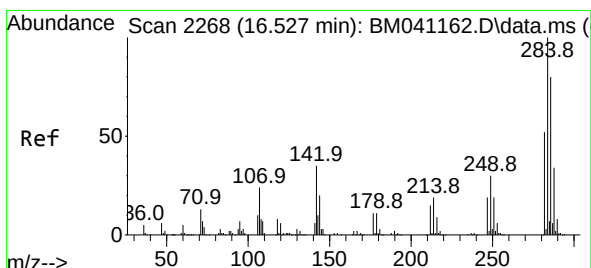
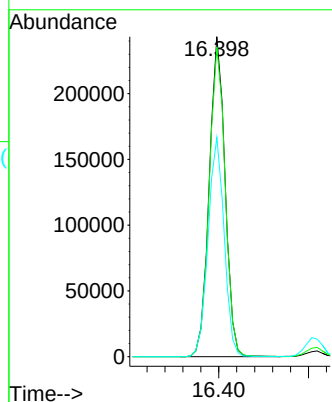
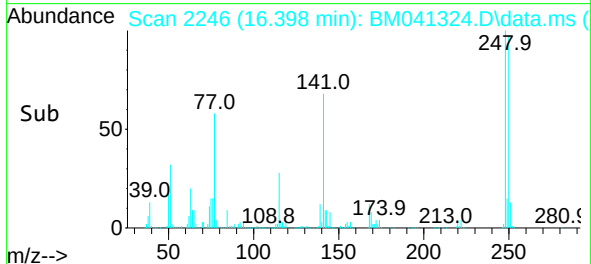


Tgt Ion:248 Resp: 29748
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 68.5 53.8 80.8

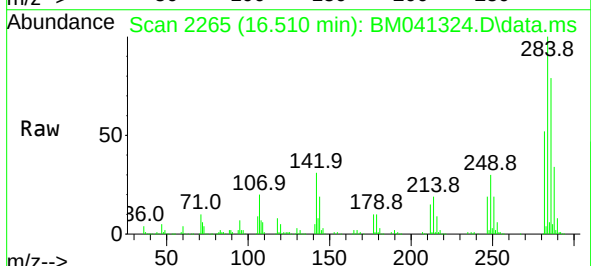
Manual Integrations

APPROVED

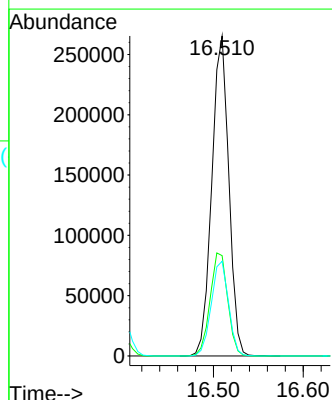
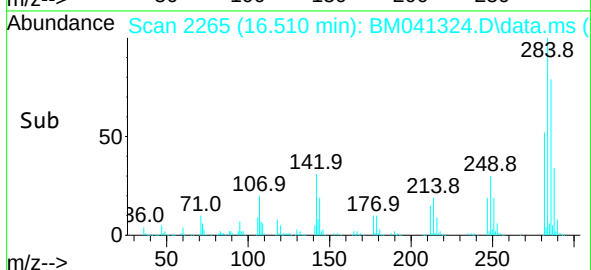
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

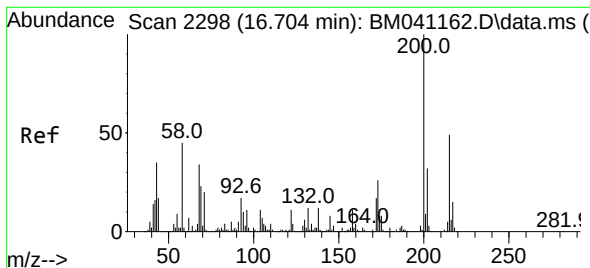


#68
Hexachlorobenzene
Concen: 40.311 ng
RT: 16.510 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion:284 Resp: 349219
Ion Ratio Lower Upper
284 100
142 31.4 28.0 42.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 49.481 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041324.D

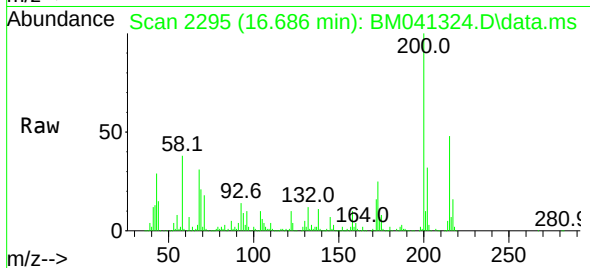
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS



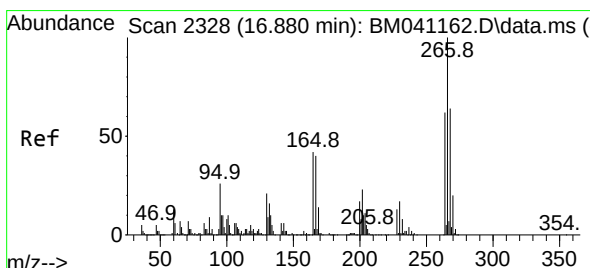
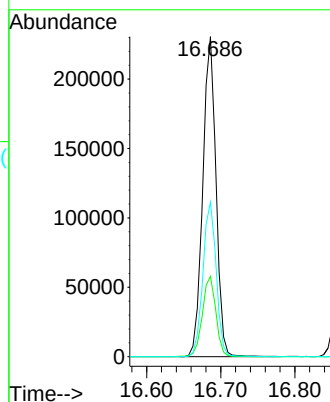
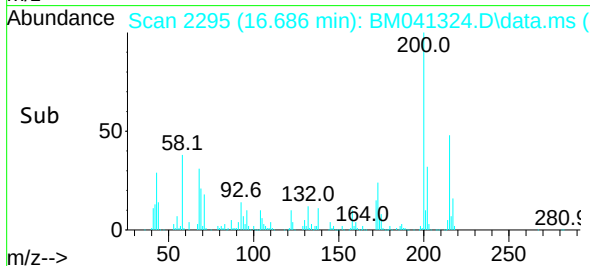
Tgt Ion:	200	Resp:	287160
Ion Ratio	Lower	Upper	
200	100		
173	25.1	5.6	45.6
215	48.3	28.5	68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#70

Pentachlorophenol

Concen: 67.399 ng

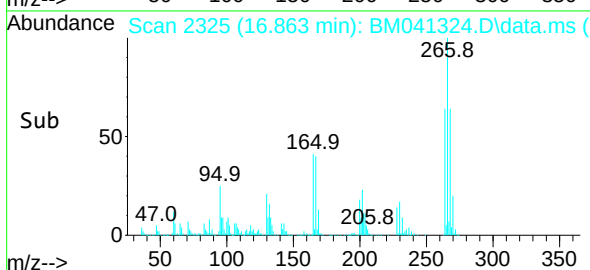
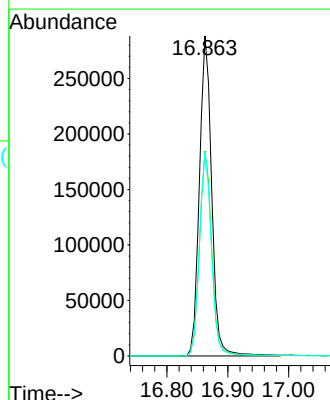
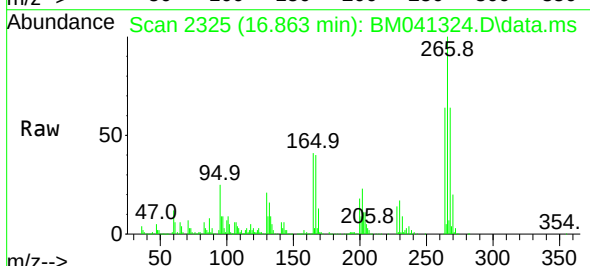
RT: 16.863 min Scan# 2325

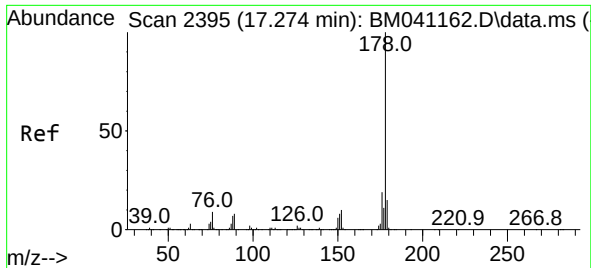
Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

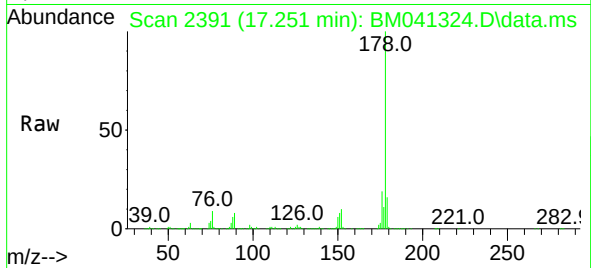
Tgt Ion:	266	Resp:	404315
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.0	76.6
264	63.7	49.4	74.2





#71
Phenanthrene
Concen: 36.139 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

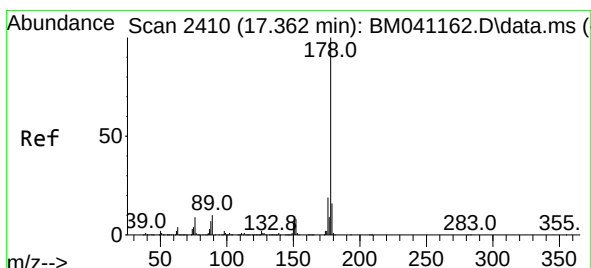
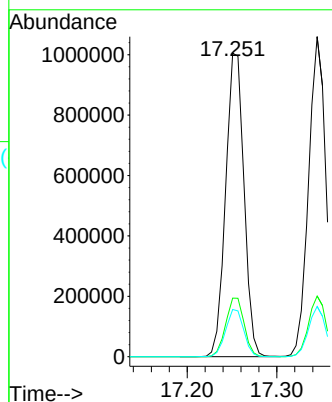
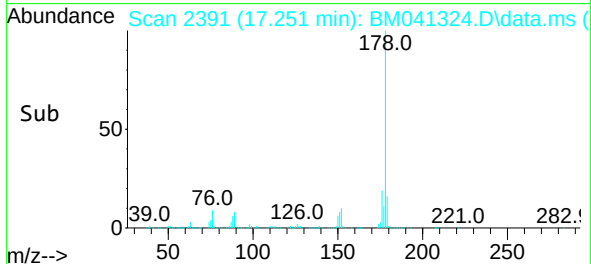
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion:178 Resp: 142676
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.1 18.1

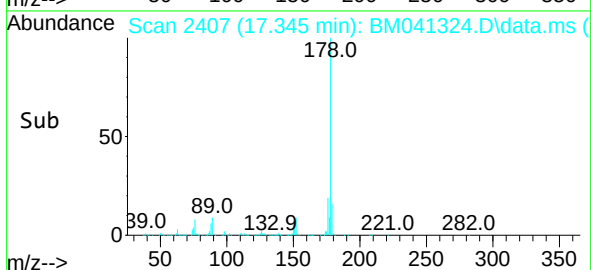
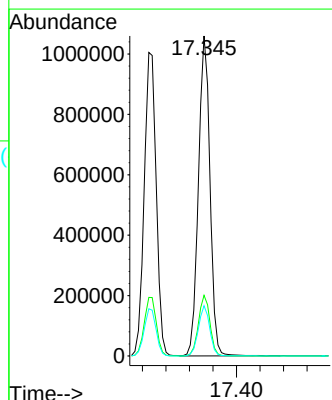
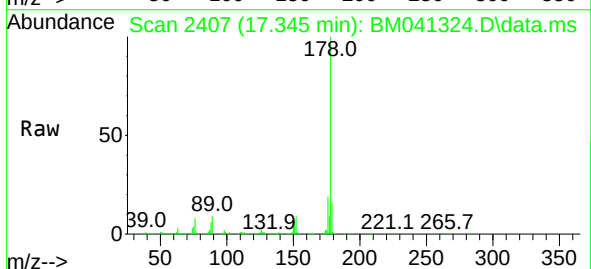
Manual Integrations
APPROVED

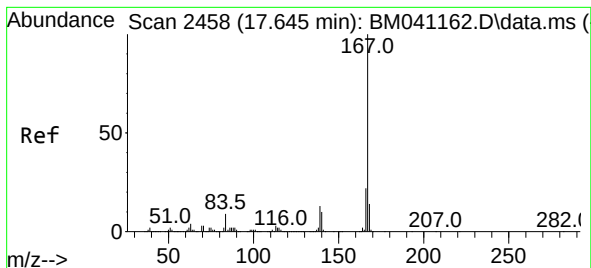
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#72
Anthracene
Concen: 36.895 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:178 Resp: 1440586
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.7 12.4 18.6





#73

Carbazole

Concen: 37.651 ng

RT: 17.627 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BM041324.D

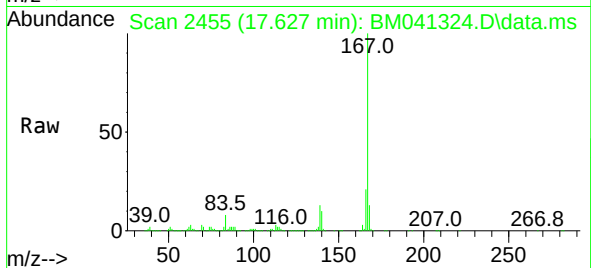
Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS



Tgt Ion:167 Resp: 1330610

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

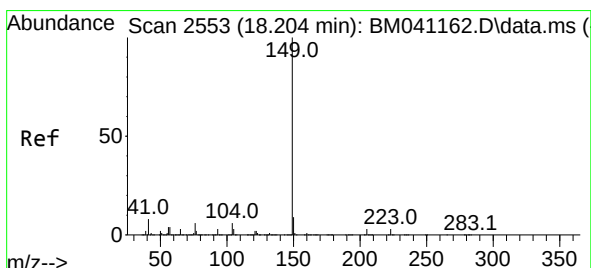
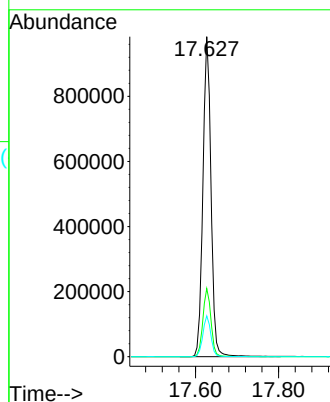
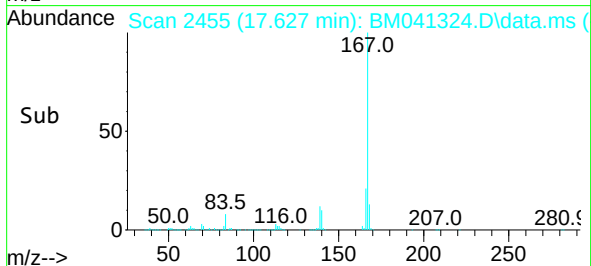
139 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#74

Di-n-butylphthalate

Concen: 41.321 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

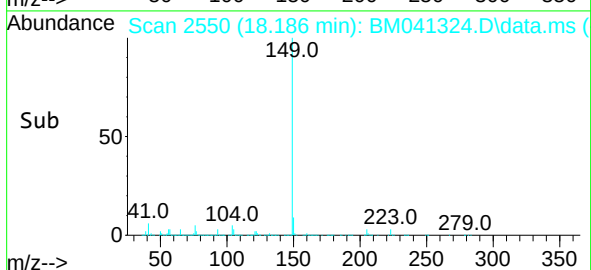
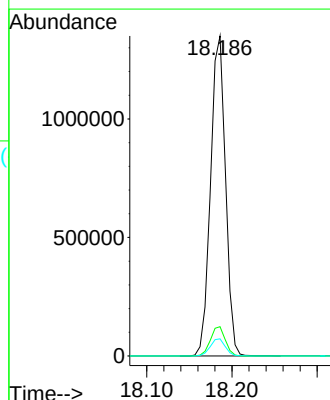
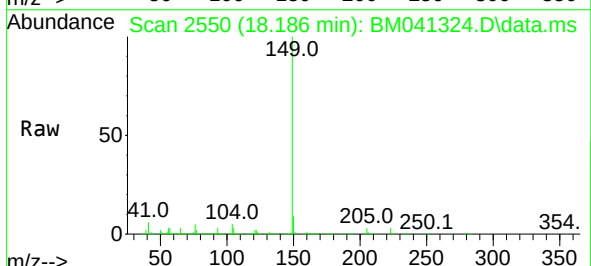
Tgt Ion:149 Resp: 1650144

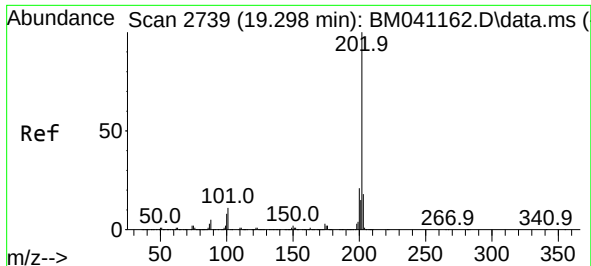
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

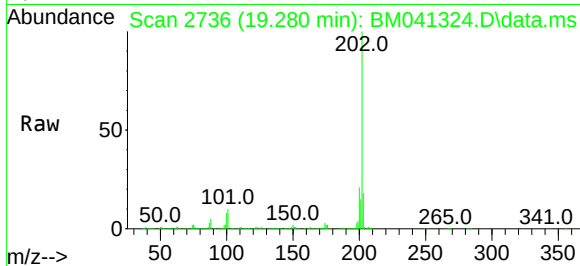
104 5.4 4.5 6.7





#75
Fluoranthene
Concen: 38.406 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

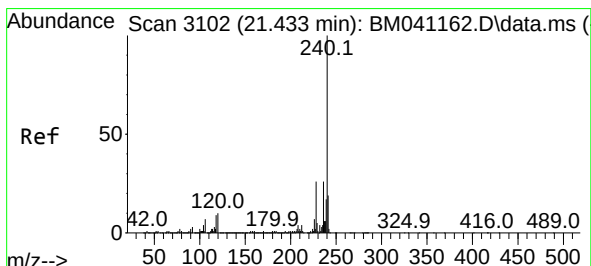
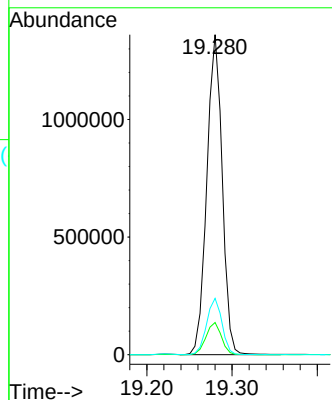
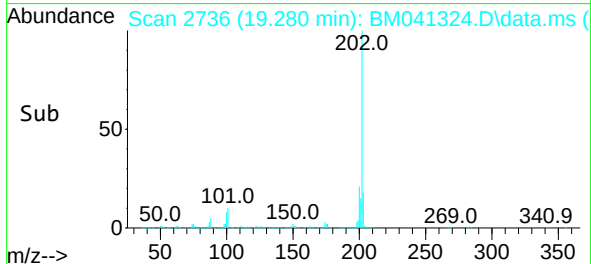
Instrument :
BNA_M
ClientSampleId :
PB154586BS



Tgt Ion:202 Resp: 170345
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.8
203 17.6 0.0 37.6

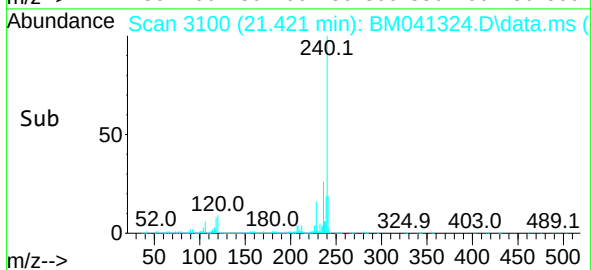
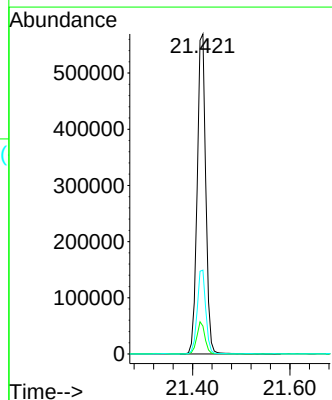
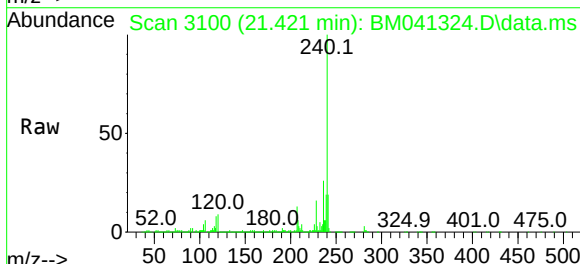
Manual Integrations
APPROVED

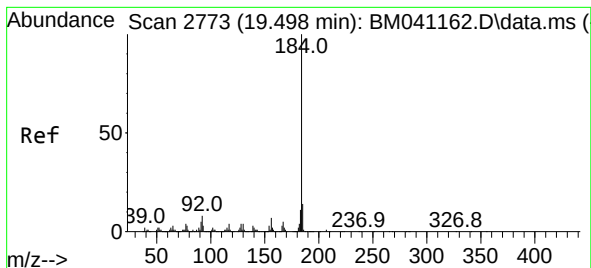
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:240 Resp: 699380
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.2 20.6 30.8





#77

Benzidine

Concen: 93.541 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

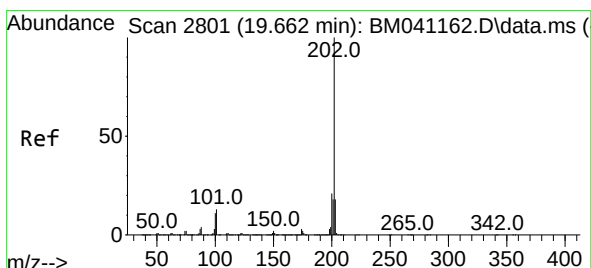
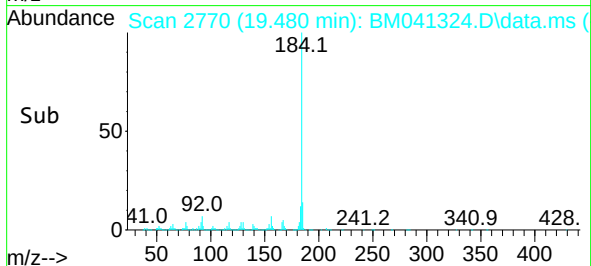
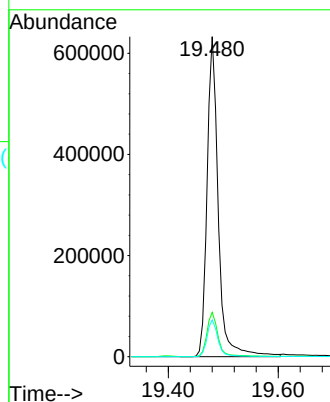
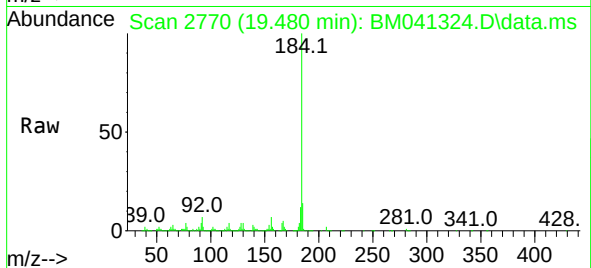
PB154586BS

Tgt Ion:184 Resp: 89167
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.4 17.0
 183 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023



#78

Pyrene

Concen: 36.777 ng

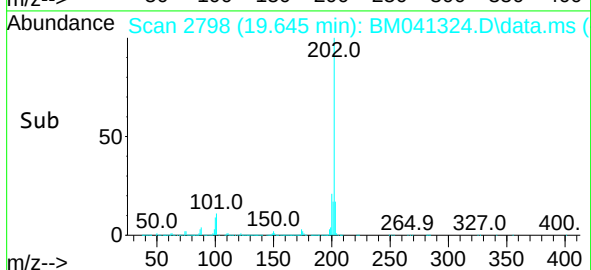
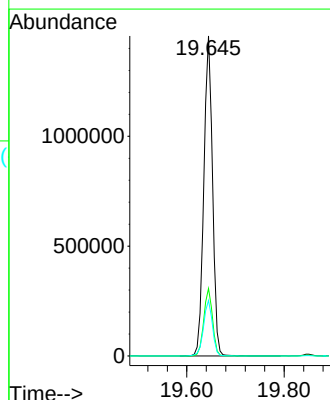
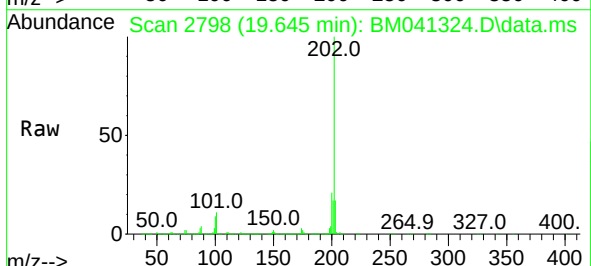
RT: 19.645 min Scan# 2798

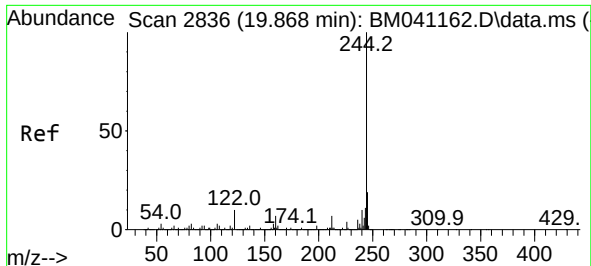
Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Tgt Ion:202 Resp: 1798693
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 17.4 14.1 21.1





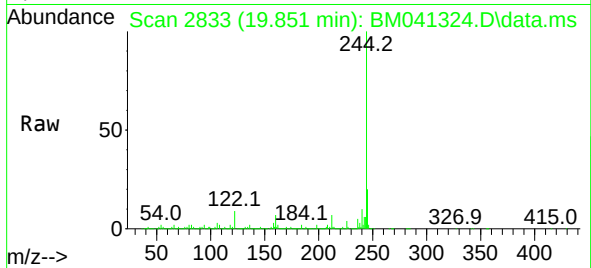
#79
 Terphenyl-d14
 Concen: 75.801 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

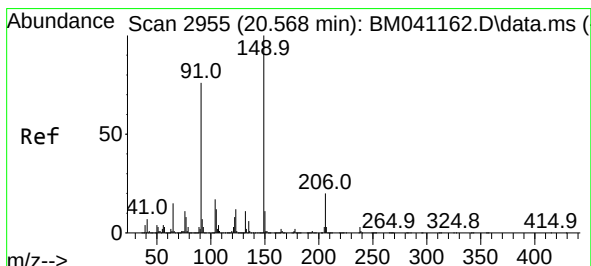
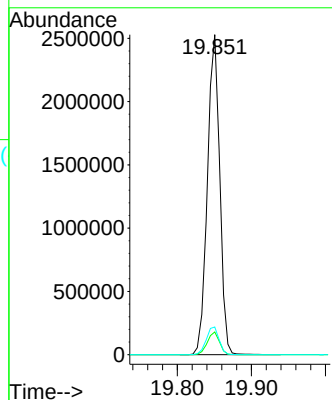
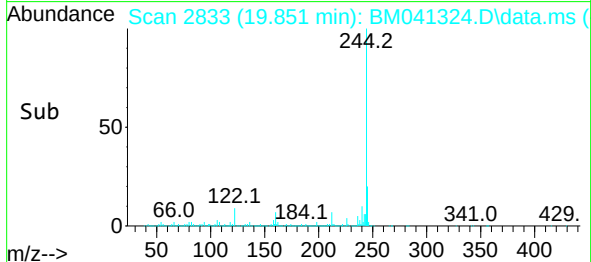


Tgt Ion:244 Resp: 2932079
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.7 7.8 11.6

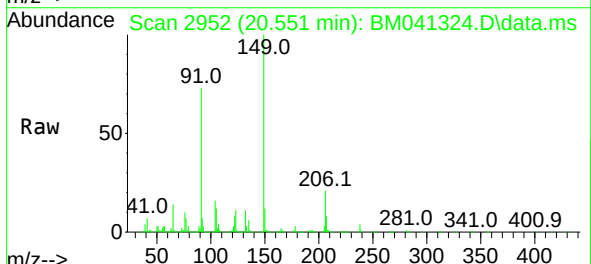
Manual Integrations

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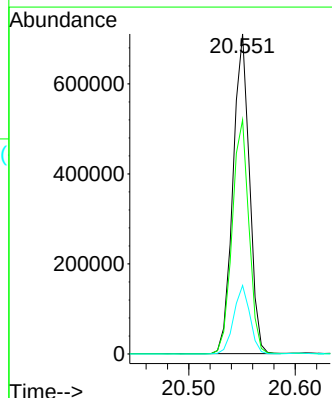
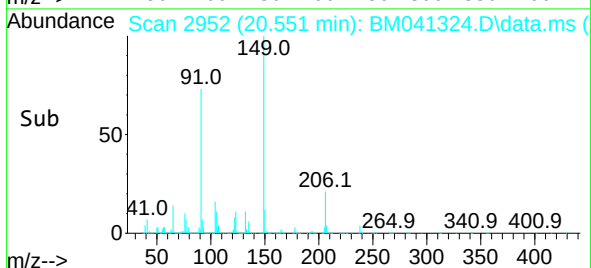
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

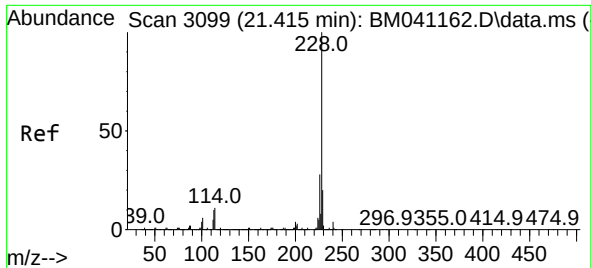


#80
 Butylbenzylphthalate
 Concen: 42.747 ng
 RT: 20.551 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: BM041324.D
 Acq: 08 Aug 2023 10:47



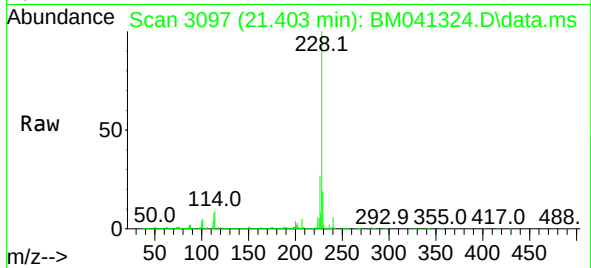
Tgt Ion:149 Resp: 763490
 Ion Ratio Lower Upper
 149 100
 91 73.1 60.8 91.2
 206 21.4 16.4 24.6





#81
Benzo(a)anthracene
Concen: 38.578 ng
RT: 21.403 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

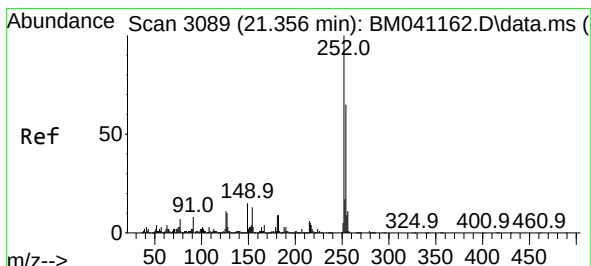
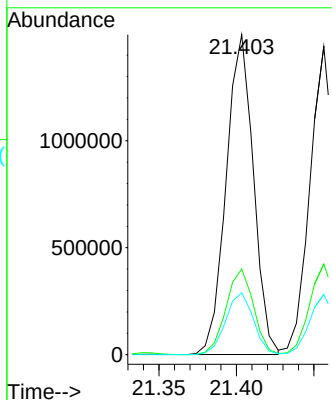
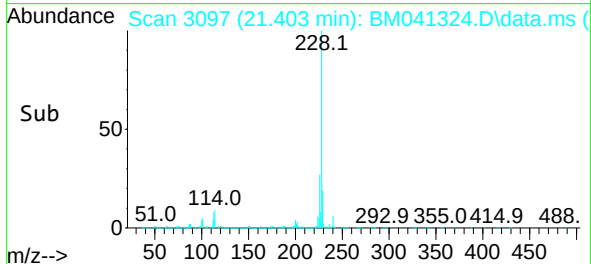
Instrument :
BNA_M
ClientSampleId :
PB154586BS



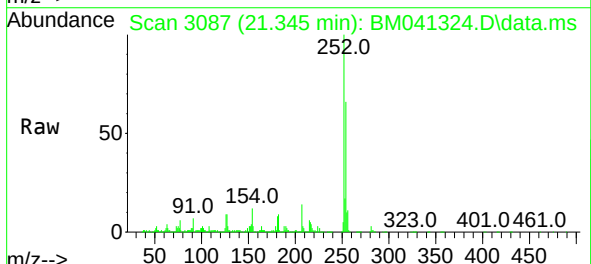
Tgt Ion:228 Resp: 182905
Ion Ratio Lower Upper
228 100
226 26.8 22.4 33.6
229 19.3 15.8 23.8

Manual Integrations
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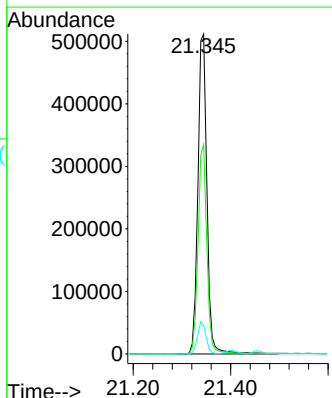
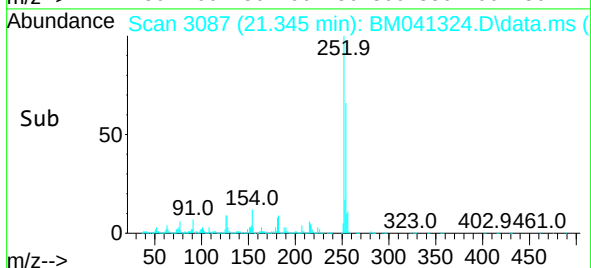
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

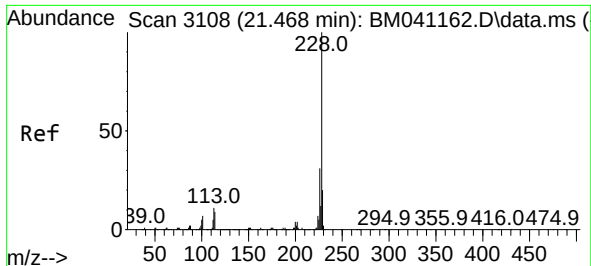


#82
3,3'-Dichlorobenzidine
Concen: 42.935 ng
RT: 21.345 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



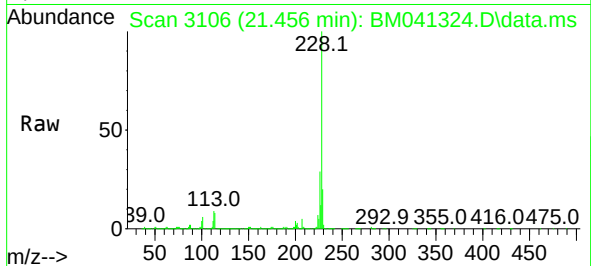
Tgt Ion:252 Resp: 664259
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 9.0 8.6 13.0





#83
Chrysene
Concen: 36.311 ng
RT: 21.456 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

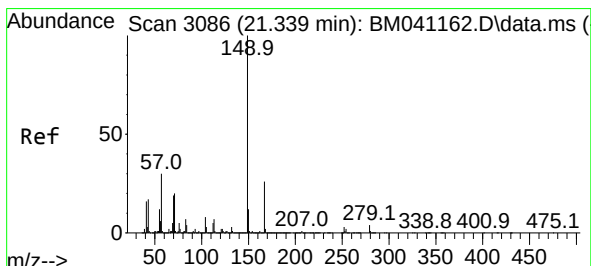
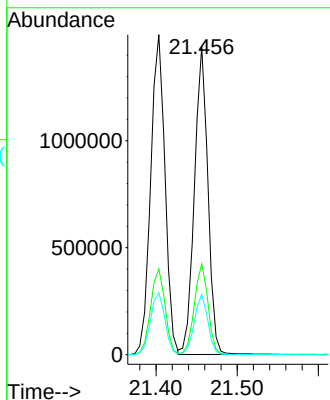
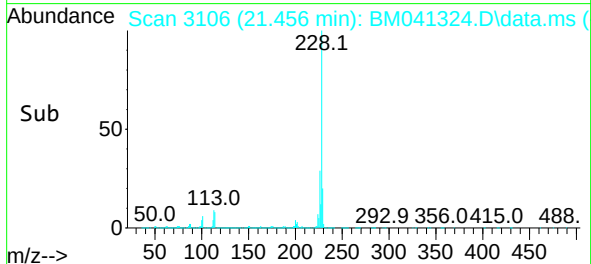
Instrument :
BNA_M
ClientSampleId :
PB154586BS



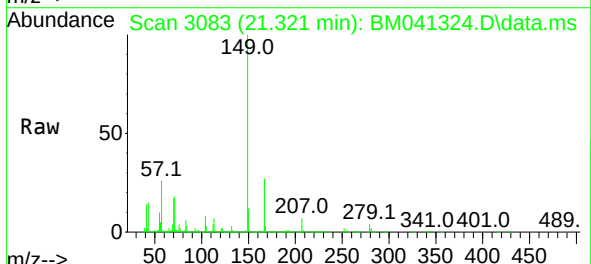
Tgt Ion:228 Resp: 1665210
Ion Ratio Lower Upper
228 100
226 29.4 24.5 36.7
229 19.5 15.8 23.8

Manual Integrations
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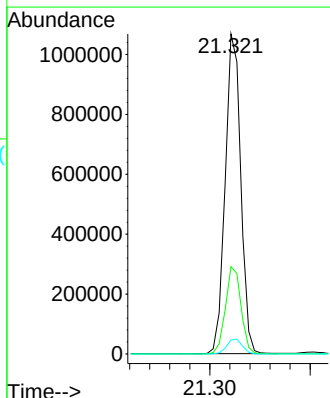
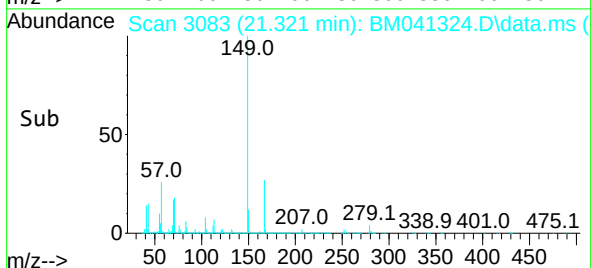
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

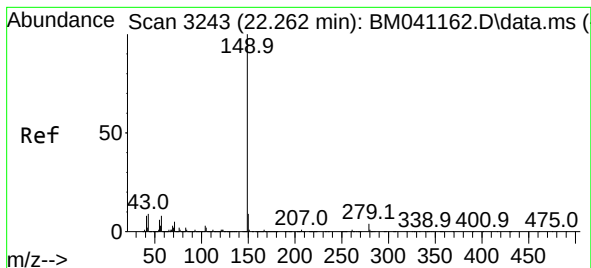


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.765 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



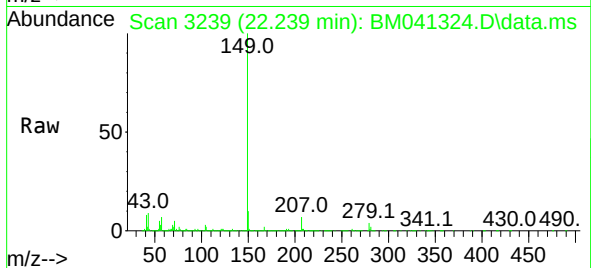
Tgt Ion:149 Resp: 1144774
Ion Ratio Lower Upper
149 100
167 27.3 21.0 31.6
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.404 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

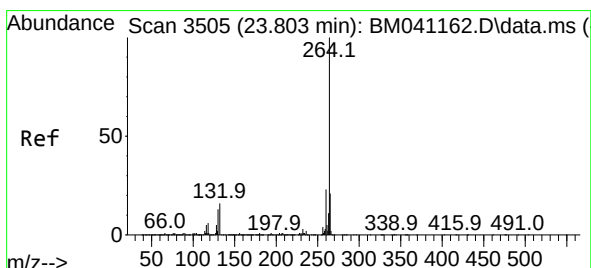
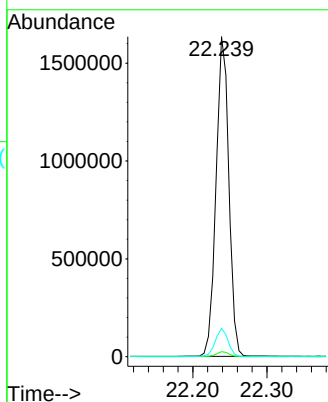
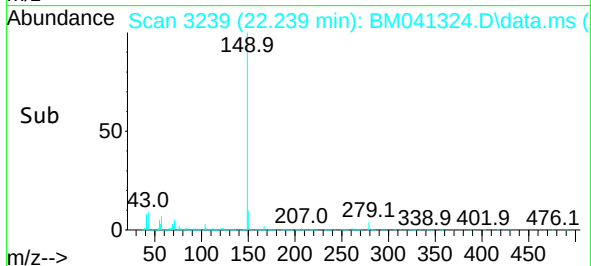
Instrument :
BNA_M
ClientSampleId :
PB154586BS



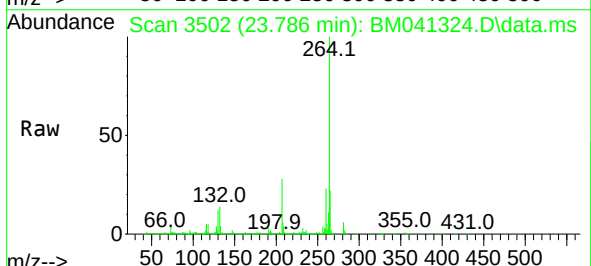
Tgt Ion:149 Resp: 1959229
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 8.3 12.5

Manual Integrations
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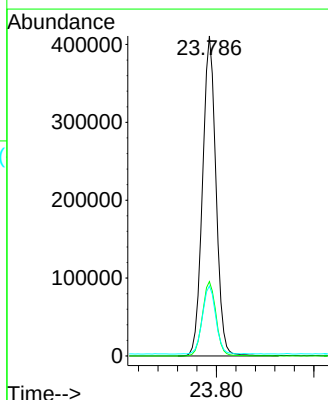
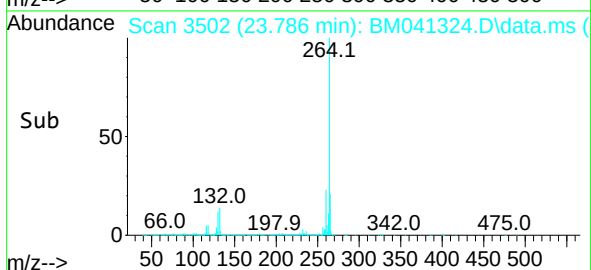
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

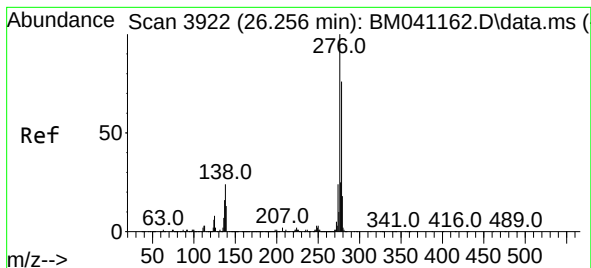


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47



Tgt Ion:264 Resp: 785136
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.044 ng

RT: 26.238 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

Tgt Ion:276 Resp: 2138310

Ion Ratio Lower Upper

276 100

138 21.4 20.0 30.0

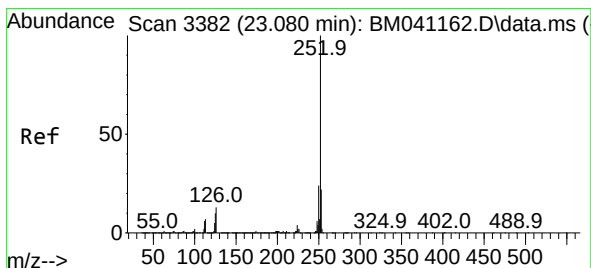
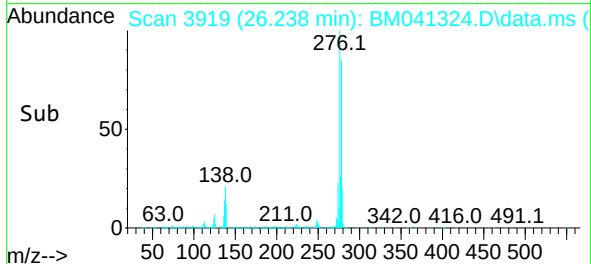
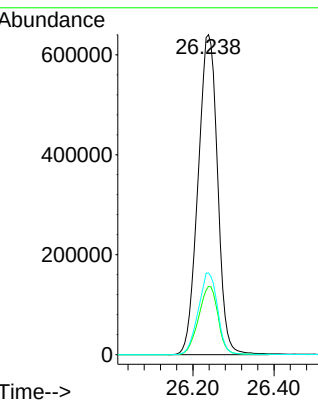
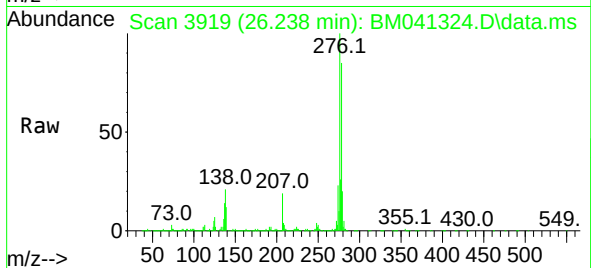
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#88

Benzo(b)fluoranthene

Concen: 40.159 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

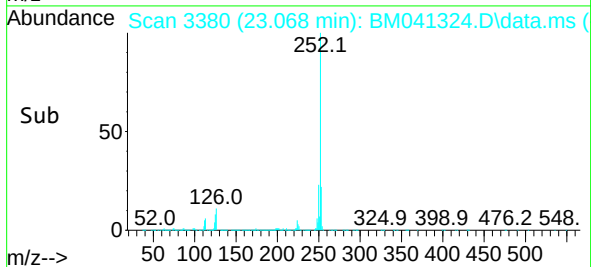
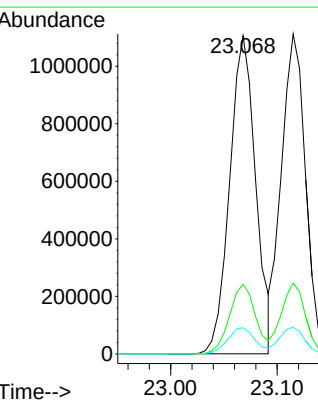
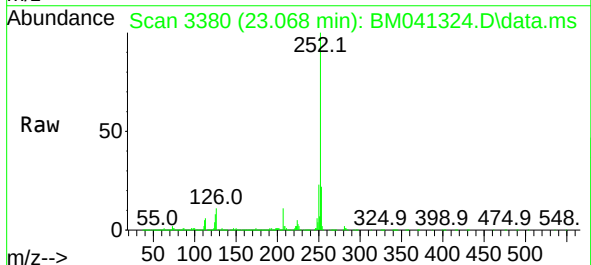
Tgt Ion:252 Resp: 1873069

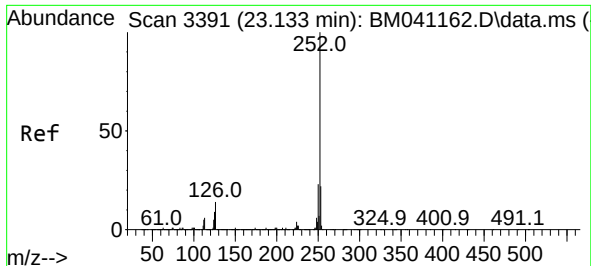
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.3 8.2 12.4





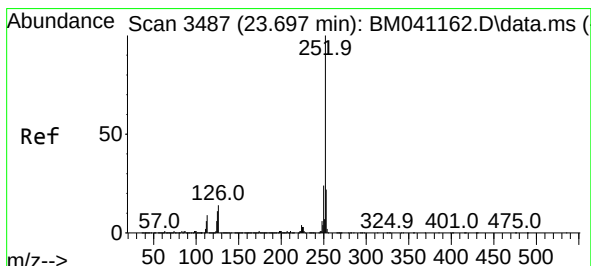
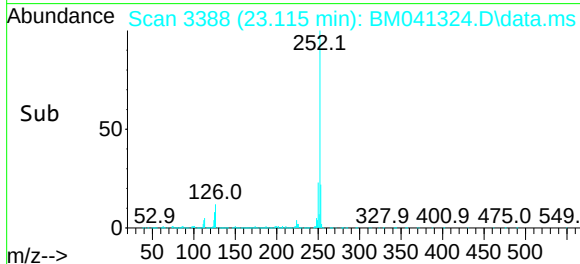
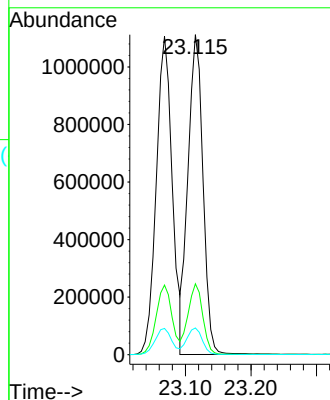
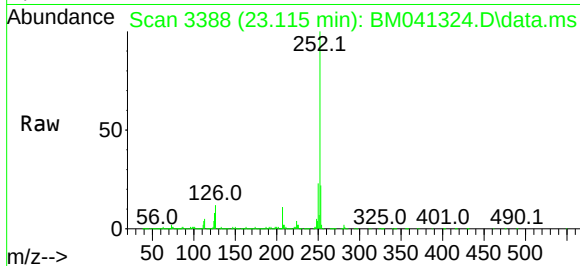
#89
Benzo(k)fluoranthene
Concen: 36.845 ng
RT: 23.115 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Instrument :
BNA_M
ClientSampleId :
PB154586BS

Tgt Ion:252 Resp: 175788
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.4 7.6 11.4

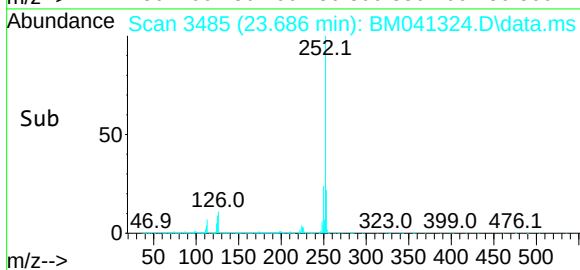
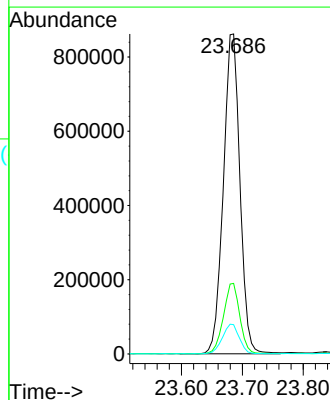
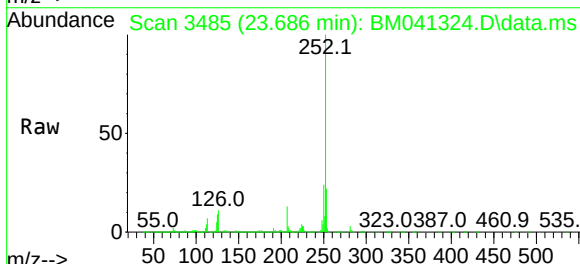
Manual Integrations
APPROVED

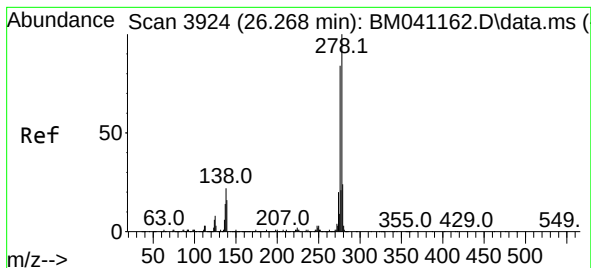
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#90
Benzo(a)pyrene
Concen: 36.293 ng
RT: 23.686 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BM041324.D
Acq: 08 Aug 2023 10:47

Tgt Ion:252 Resp: 1626512
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.700 ng

RT: 26.250 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Instrument :

BNA_M

ClientSampleId :

PB154586BS

Tgt Ion:278 Resp: 181513

Ion Ratio Lower Upper

278 100

139 13.2 12.7 19.1

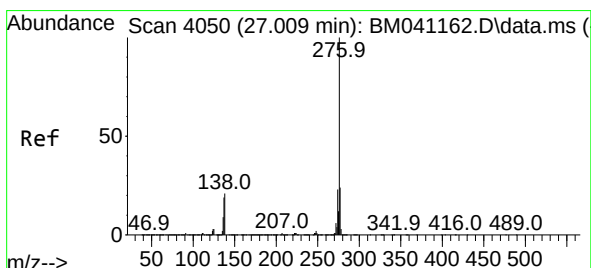
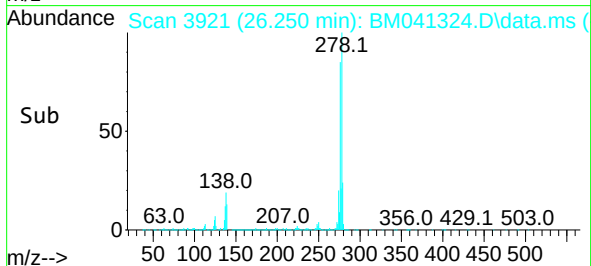
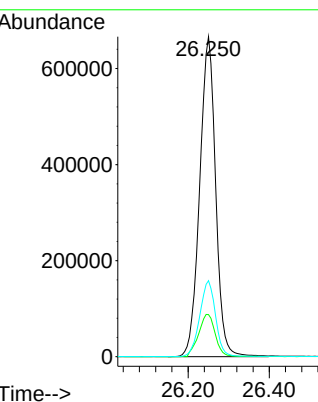
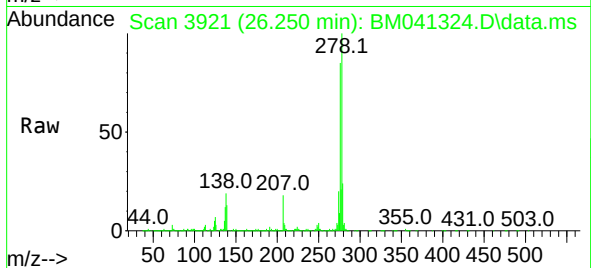
279 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#92

Benzo(g,h,i)perylene

Concen: 35.879 ng

RT: 26.997 min Scan# 4048

Delta R.T. 0.000 min

Lab File: BM041324.D

Acq: 08 Aug 2023 10:47

Tgt Ion:276 Resp: 1690290

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 18.0 17.1 25.7

