

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042574.D
 Acq On : 03 Nov 2023 17:23
 Operator : MA/JU
 Sample : 05220-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)MS

Quant Time: Nov 03 22:39:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	48452	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	179951	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	112135	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	252886	20.000	ng	0.00
76) Chrysene-d12	21.509	240	259590	20.000	ng	0.00
86) Perylene-d12	23.927	264	274224	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	261494	87.101	ng	0.01
7) Phenol-d6	7.081	99	339459	82.445	ng	0.00
23) Nitrobenzene-d5	9.116	82	239835	62.129	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	153548	104.881	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	477805	57.336	ng	0.00
79) Terphenyl-d14	19.933	244	844788	55.180	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	53290	37.246	ng	97
3) Pyridine	3.728	79	139529m	33.995	ng	
4) n-Nitrosodimethylamine	3.657	42	104212	52.761	ng	# 82
6) Aniline	7.257	93	182260	34.824	ng	98
8) 2-Chlorophenol	7.475	128	154133	47.613	ng	99
9) Benzaldehyde	7.075	77	40594	17.107	ng	97
10) Phenol	7.110	94	201528	48.193	ng	93
11) bis(2-Chloroethyl)ether	7.357	93	157518	44.526	ng	99
12) 1,3-Dichlorobenzene	7.792	146	171757	49.093	ng	96
13) 1,4-Dichlorobenzene	7.951	146	763558	215.644	ng	98
14) 1,2-Dichlorobenzene	8.263	146	168812	49.381	ng	99
15) Benzyl Alcohol	8.181	79	147625m	50.644	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	245267	43.567	ng	99
17) 2-Methylphenol	8.369	107	130235	43.985	ng	96
18) Hexachloroethane	8.975	117	65498	47.276	ng	92
19) n-Nitroso-di-n-propyla...	8.734	70	132233	45.399	ng	92
20) 3+4-Methylphenols	8.704	107	173025	43.708	ng	95
22) Acetophenone	8.769	105	238000	52.441	ng	# 95
24) Nitrobenzene	9.157	77	196379	51.649	ng	99
25) Isophorone	9.669	82	354817	51.930	ng	98
26) 2-Nitrophenol	9.863	139	83321	51.274	ng	96
27) 2,4-Dimethylphenol	9.904	122	120680	46.169	ng	92
28) bis(2-Chloroethoxy)met...	10.157	93	201897	49.048	ng	100
29) 2,4-Dichlorophenol	10.386	162	148073	57.253	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	167234	59.002	ng	97
31) Naphthalene	10.786	128	527775	56.767	ng	99
32) Benzoic acid	10.063	122	105962	49.685	ng	92
33) 4-Chloroaniline	10.933	127	129632	35.759	ng	97
34) Hexachlorobutadiene	11.010	225	111277	64.663	ng	98
35) Caprolactam	11.763	113	45043m	49.569	ng	
36) 4-Chloro-3-methylphenol	12.033	107	153600	52.185	ng	98
37) 2-Methylnaphthalene	12.392	142	338720	51.731	ng	97
38) 1-Methylnaphthalene	12.610	142	326794	53.024	ng	100
40) 1,2,4,5-Tetrachloroben...	12.745	216	194017	57.916	ng	98
41) Hexachlorocyclopentadiene	12.686	237	39340	24.194	ng	96
43) 2,4,6-Trichlorophenol	13.004	196	123303	57.466	ng	97

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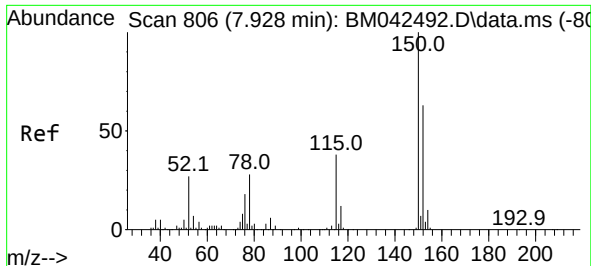
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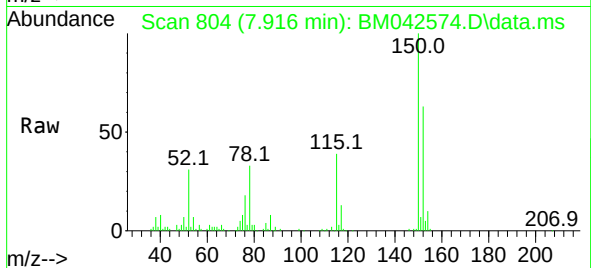
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	138325	54.175	ng	96
46) 1,1'-Biphenyl	13.404	154	445403	51.962	ng	99
47) 2-Chloronaphthalene	13.451	162	329330	52.372	ng	100
48) 2-Nitroaniline	13.692	65	121989	48.088	ng	99
49) Acenaphthylene	14.298	152	847831	81.409	ng	99
50) Dimethylphthalate	14.033	163	416767	49.727	ng	99
51) 2,6-Dinitrotoluene	14.186	165	87549	50.685	ng	98
52) Acenaphthene	14.633	154	365039	57.754	ng	100
53) 3-Nitroaniline	14.521	138	72109	38.204	ng	94
54) 2,4-Dinitrophenol	14.733	184	46599	42.084	ng	100
55) Dibenzofuran	14.968	168	604024	58.777	ng	99
56) 4-Nitrophenol	14.827	139	149290	93.800	ng	91
57) 2,4-Dinitrotoluene	14.968	165	124939	47.754	ng	95
58) Fluorene	15.616	166	530472	63.799	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	121312	56.409	ng	# 97
60) Diethylphthalate	15.380	149	431039	50.765	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	230049	54.766	ng	99
62) 4-Nitroaniline	15.686	138	79808	46.352	ng	# 85
63) Azobenzene	15.904	77	483445	51.668	ng	91
65) 4,6-Dinitro-2-methylph...	15.721	198	33824	24.111	ng	95
66) n-Nitrosodiphenylamine	15.833	169	360698	50.585	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	140570	55.590	ng	97
68) Hexachlorobenzene	16.586	284	167573	59.901	ng	99
69) Atrazine	16.786	200	137660	66.813	ng	99
70) Pentachlorophenol	16.957	266	224970	109.387	ng	99
71) Phenanthrene	17.368	178	1636616	123.839	ng	100
72) Anthracene	17.457	178	1266562	96.758	ng	100
73) Carbazole	17.745	167	668300	62.758	ng	100
74) Di-n-butylphthalate	18.262	149	836093	55.911	ng	99
75) Fluoranthene	19.386	202	3512559	226.267	ng	97
77) Benzidine	19.592	184	474357	190.500	ng	99
78) Pyrene	19.751	202	3501945	196.461	ng	98
80) Butylbenzylphthalate	20.621	149	388003	50.964	ng	96
81) Benzo(a)anthracene	21.492	228	2262261	136.970	ng	98
82) 3,3'-Dichlorobenzidine	21.433	252	288509	54.963	ng	99
83) Chrysene	21.550	228	1897978	113.128	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	621551	54.020	ng	99
85) Di-n-octyl phthalate	22.297	149	983199	49.645	ng	98
87) Indeno(1,2,3-cd)pyrene	26.485	276	1581518	96.900	ng	# 92
88) Benzo(b)fluoranthene	23.191	252	2112663	138.285	ng	# 98
89) Benzo(k)fluoranthene	23.239	252	1306420	76.740	ng	# 97
90) Benzo(a)pyrene	23.827	252	1866047m	124.063	ng	
91) Dibenzo(a,h)anthracene	26.491	278	951655	61.853	ng	# 95
92) Benzo(g,h,i)perylene	27.285	276	1352591	94.029	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

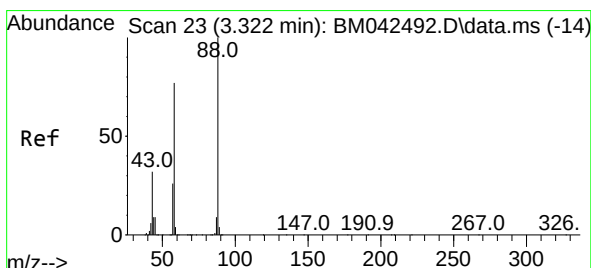
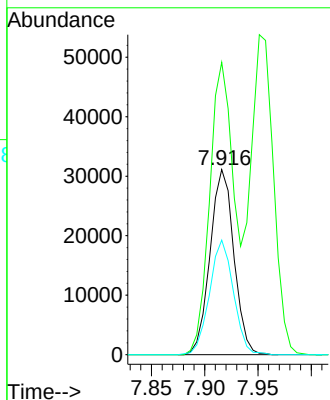
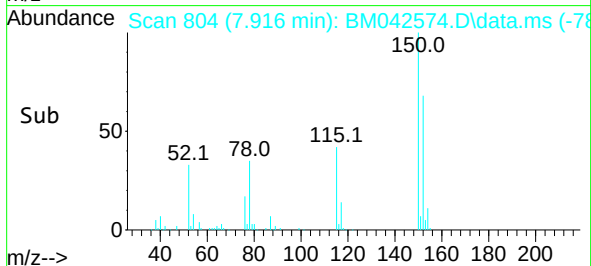
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion: 152 Resp: 4845
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 61.9 47.9 71.9

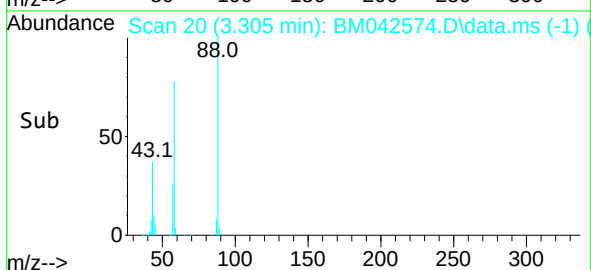
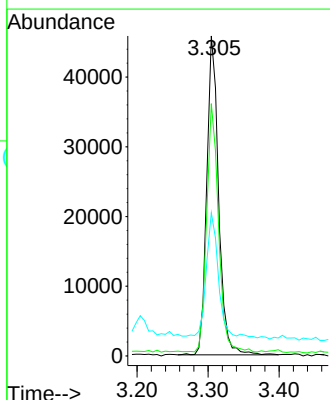
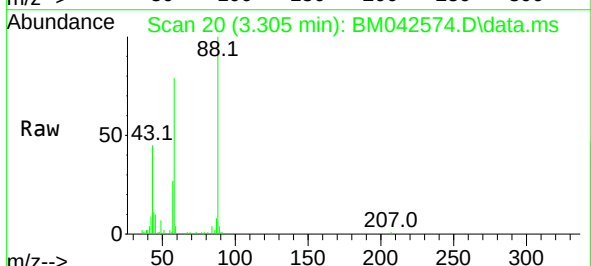
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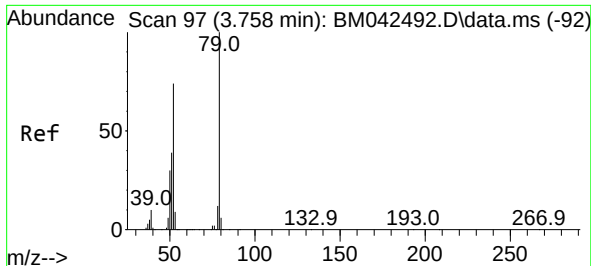
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#2
1,4-Dioxane
Concen: 37.246 ng
RT: 3.305 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

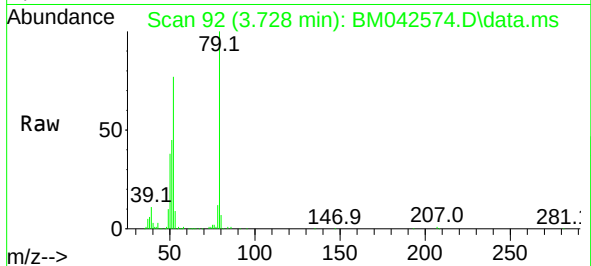
Tgt Ion: 88 Resp: 53290
Ion Ratio Lower Upper
88 100
58 77.6 62.6 93.8
43 37.7 26.5 39.7





#3
Pyridine
Concen: 33.995 ng m
RT: 3.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

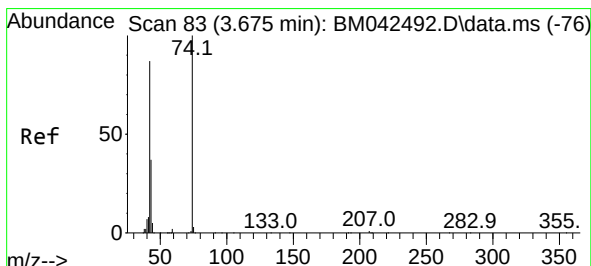
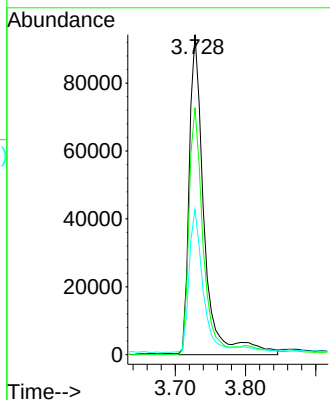
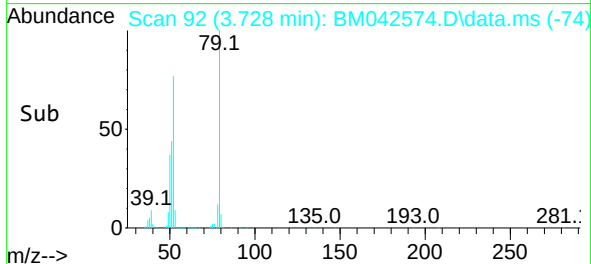
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion: 79 Resp: 139529
Ion Ratio Lower Upper
79 100
52 77.2 59.3 88.9
51 45.4 32.7 49.1

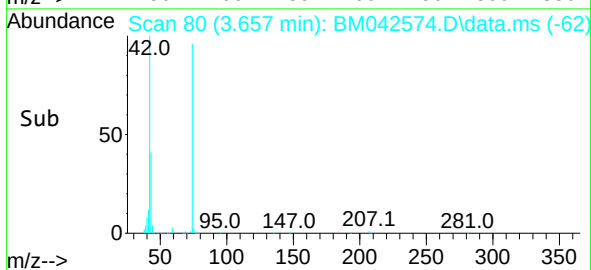
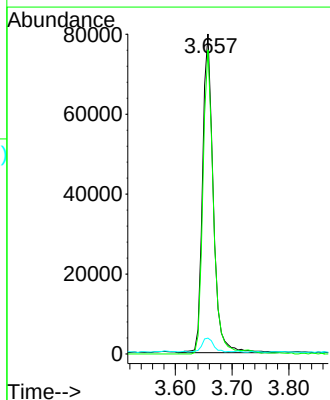
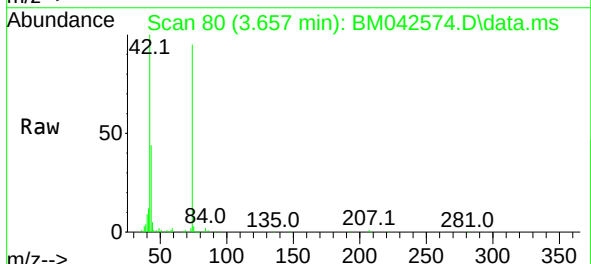
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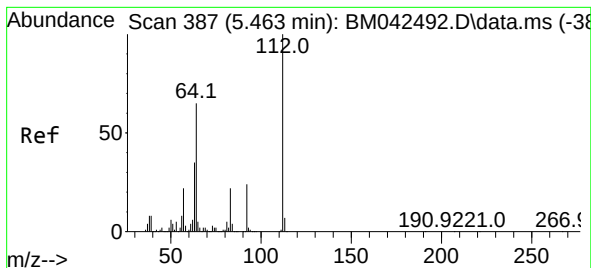
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#4
n-Nitrosodimethylamine
Concen: 52.761 ng
RT: 3.657 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion: 42 Resp: 104212
Ion Ratio Lower Upper
42 100
74 95.0 92.2 138.2
44 5.0 5.1 7.7





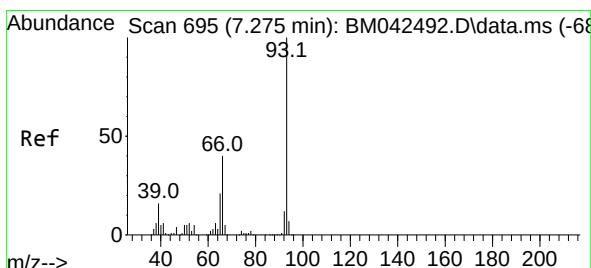
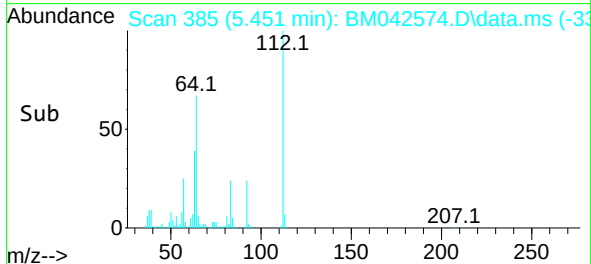
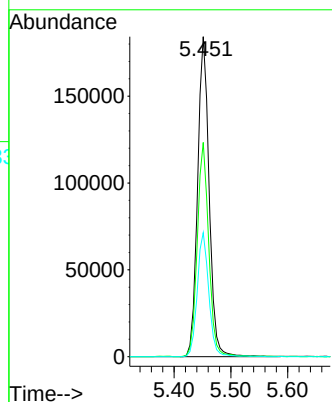
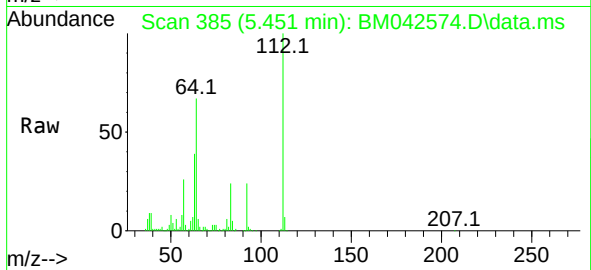
#5
2-Fluorophenol
Concen: 87.101 ng
RT: 5.451 min Scan# 387
Delta R.T. 0.011 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion: 112 Resp: 261494
Ion Ratio Lower Upper
112 100
64 66.9 52.1 78.1
63 38.7 28.3 42.5

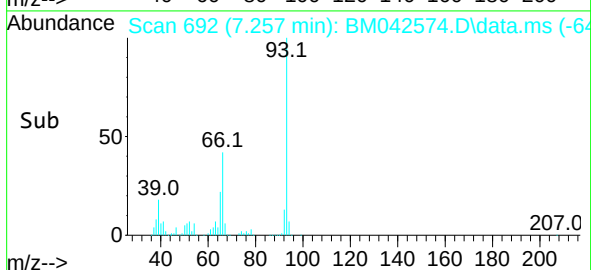
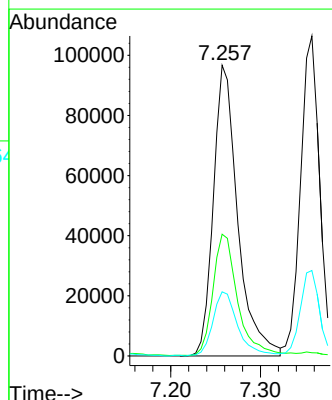
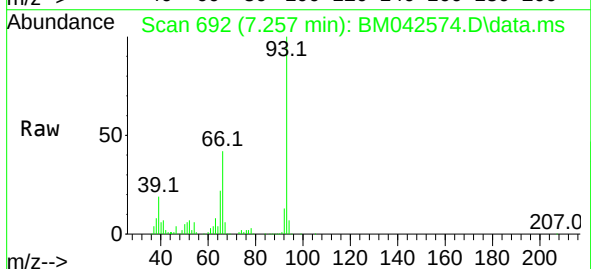
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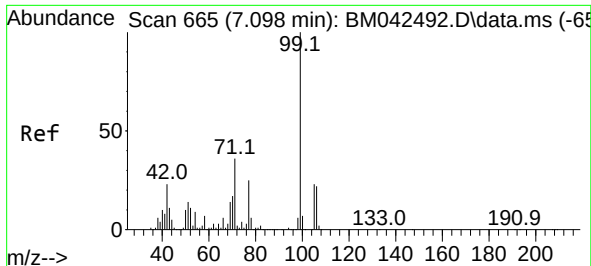
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#6
Aniline
Concen: 34.824 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion: 93 Resp: 182260
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.2
65 22.1 17.0 25.6





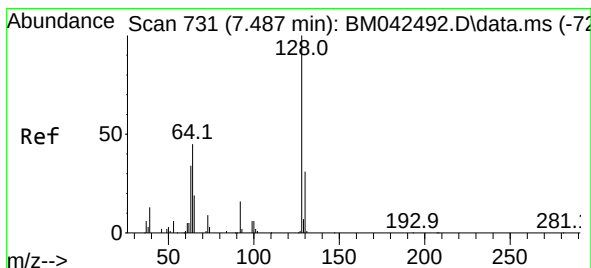
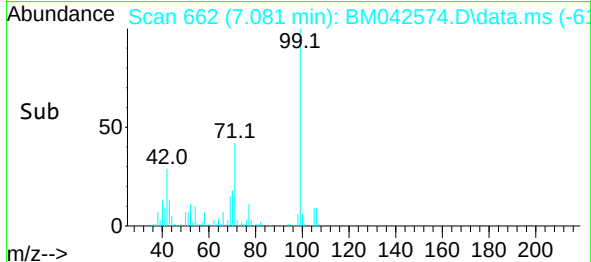
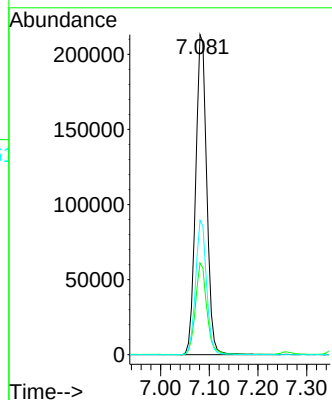
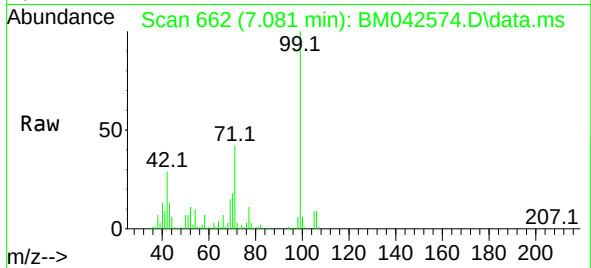
#7
Phenol-d6
Concen: 82.445 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
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Z-7(0-5)MS

Tgt Ion: 99 Resp: 33945
Ion Ratio Lower Upper
99 100
42 28.6 18.7 28.1
71 42.0 29.1 43.7

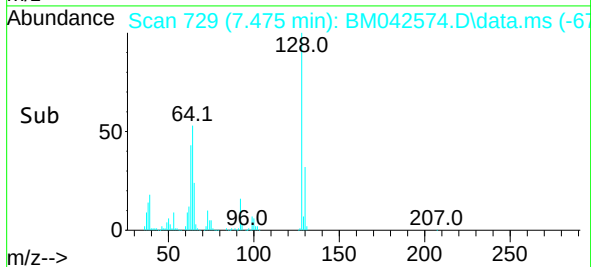
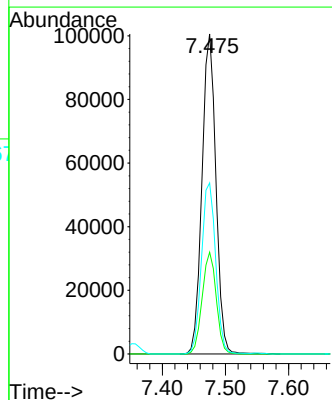
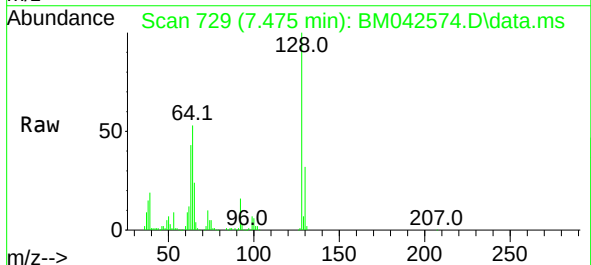
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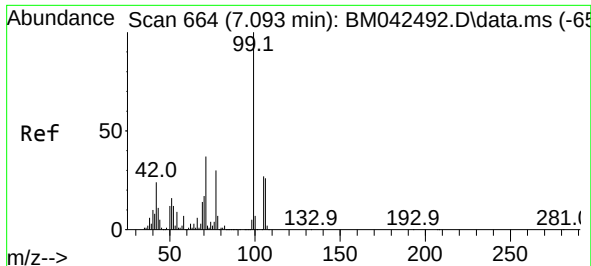
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#8
2-Chlorophenol
Concen: 47.613 ng
RT: 7.475 min Scan# 729
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:128 Resp: 154133
Ion Ratio Lower Upper
128 100
130 31.8 11.2 51.2
64 53.5 34.4 74.4





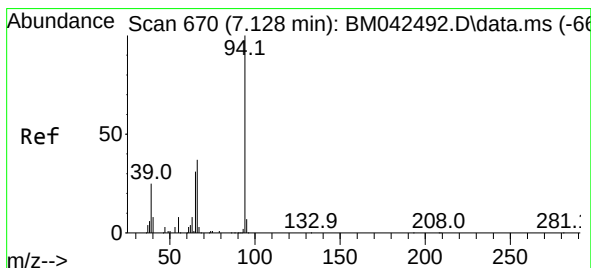
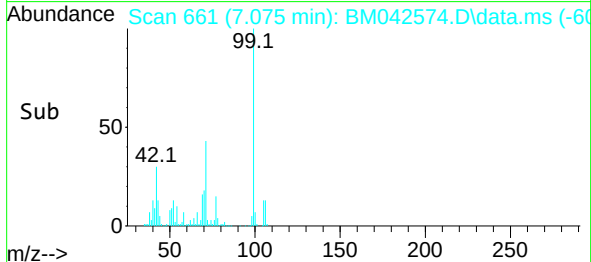
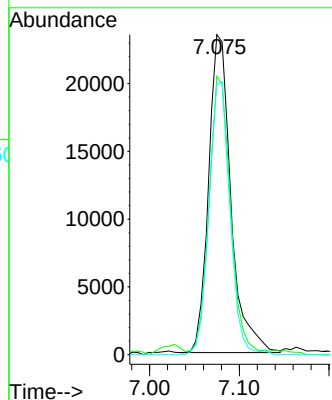
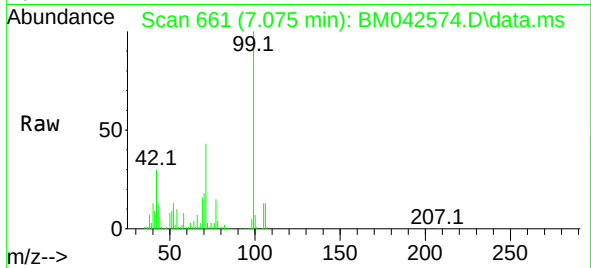
#9
Benzaldehyde
Concen: 17.107 ng
RT: 7.075 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion: 77 Resp: 40594
Ion Ratio Lower Upper
77 100
105 87.0 69.7 109.7
106 84.4 66.4 106.4

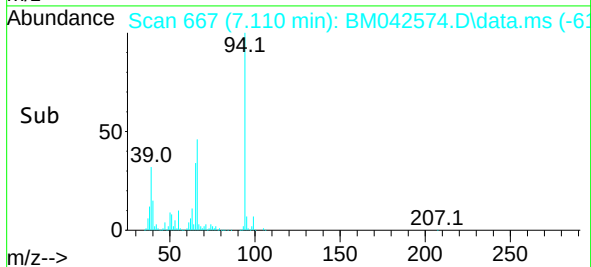
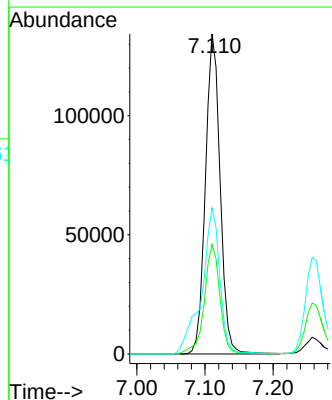
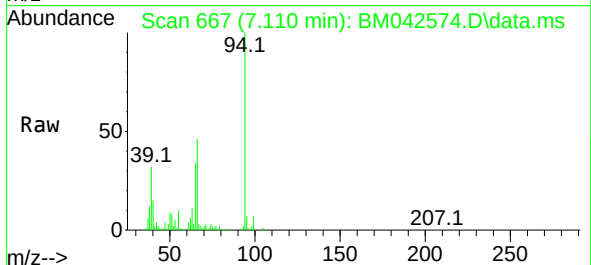
Manual Integrations
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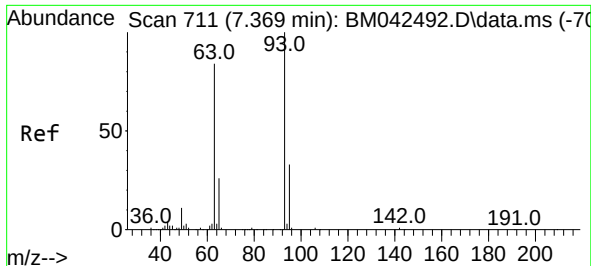
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#10
Phenol
Concen: 48.193 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

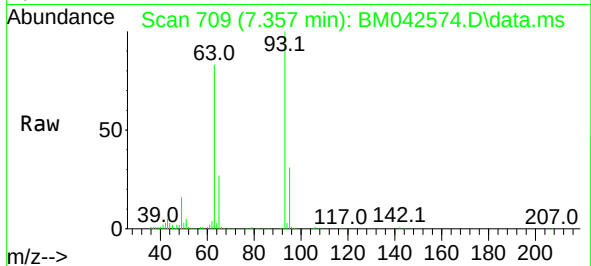
Tgt Ion: 94 Resp: 201528
Ion Ratio Lower Upper
94 100
65 34.2 11.5 51.5
66 45.7 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 44.526 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

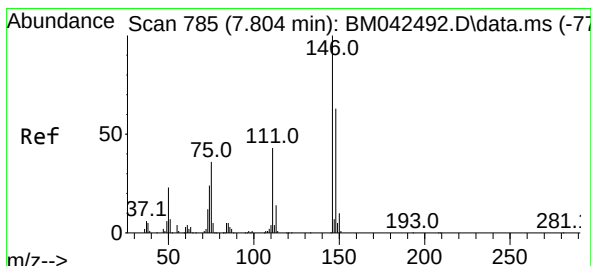
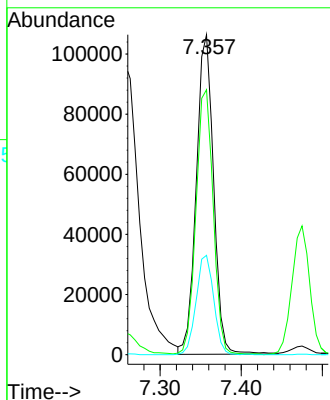
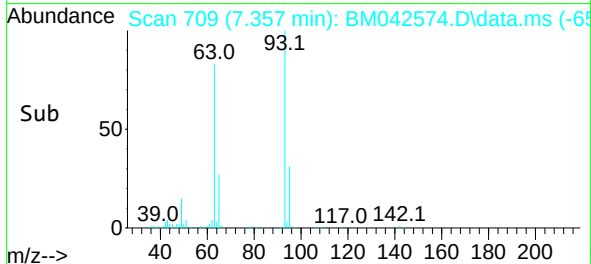
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



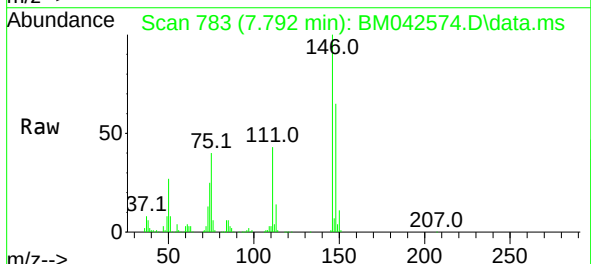
Tgt Ion: 93 Resp: 157518
Ion Ratio Lower Upper
93 100
63 82.8 63.2 103.2
95 31.1 12.3 52.3

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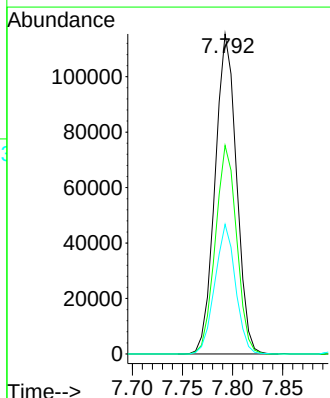
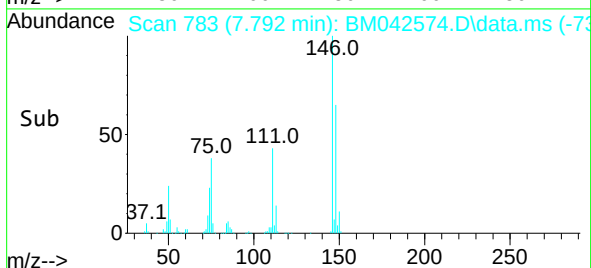
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

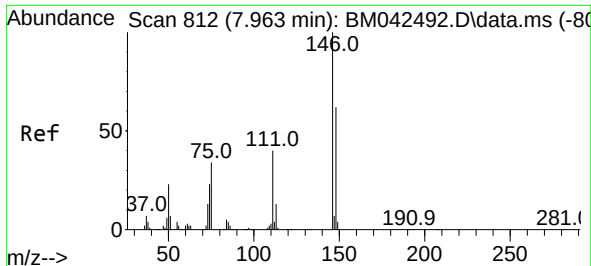


#12
1,3-Dichlorobenzene
Concen: 49.093 ng
RT: 7.792 min Scan# 783
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:146 Resp: 171757
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 40.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 215.644 ng

RT: 7.951 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion:146 Resp: 76355

Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

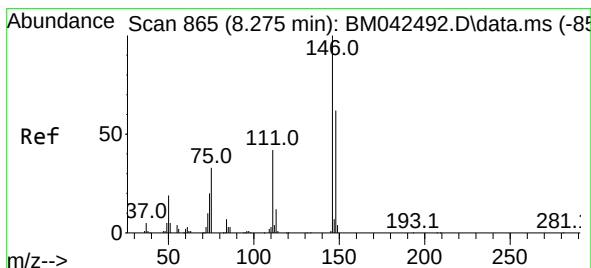
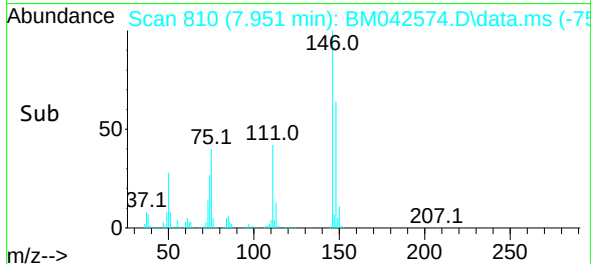
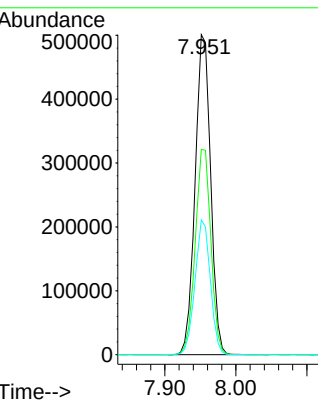
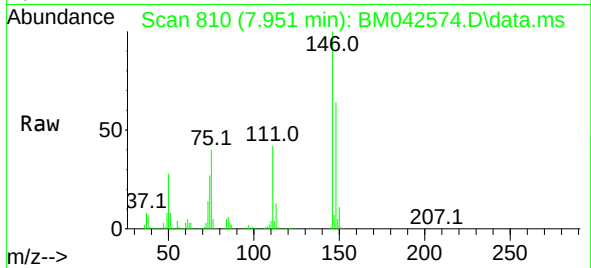
111 42.1 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 49.381 ng

RT: 8.263 min Scan# 863

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

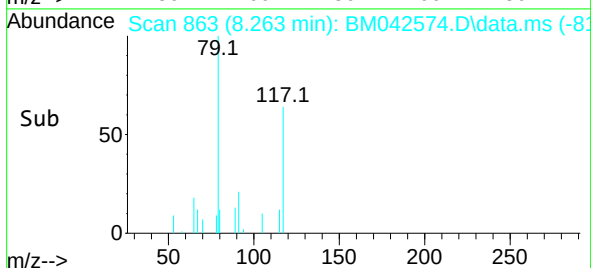
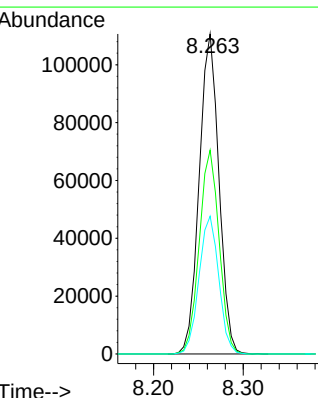
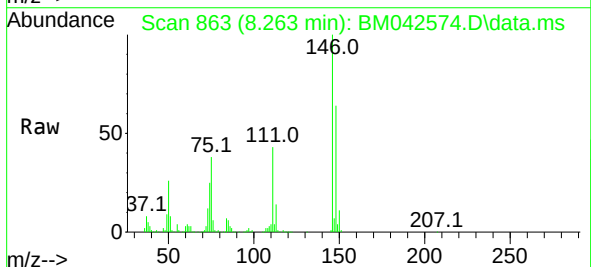
Tgt Ion:146 Resp: 168812

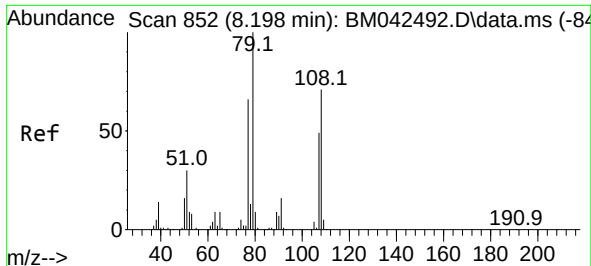
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

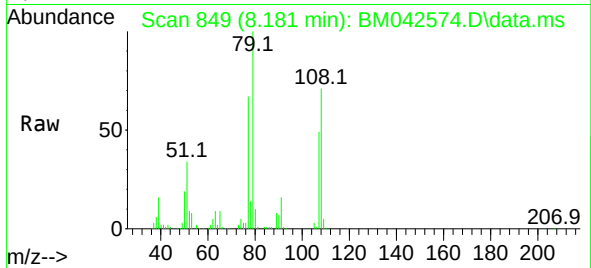
111 43.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.644 ng m
RT: 8.181 min Scan# 84
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

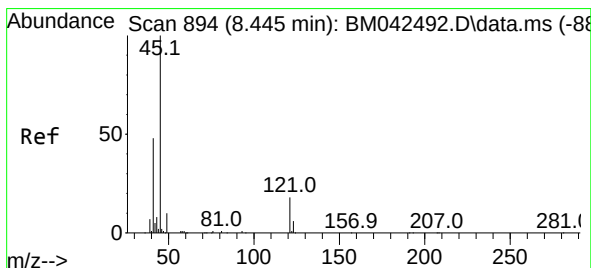
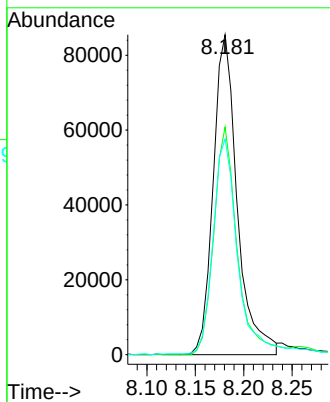
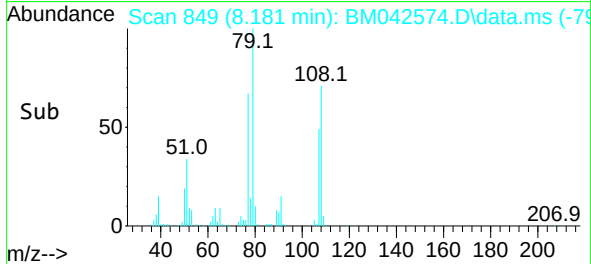
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion: 79 Resp: 147625
Ion Ratio Lower Upper
79 100
108 71.2 56.8 85.2
77 67.4 53.0 79.4

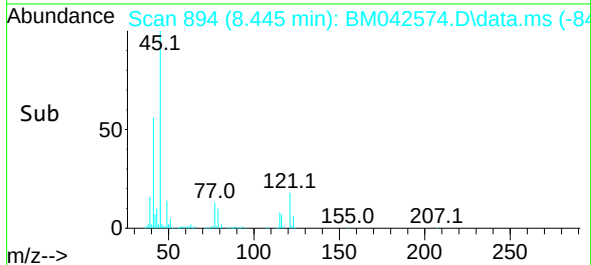
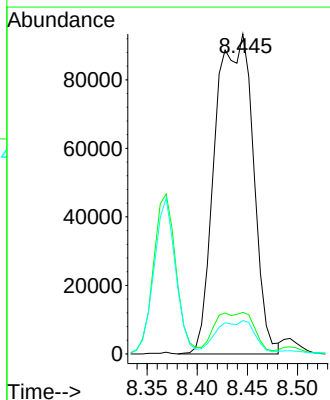
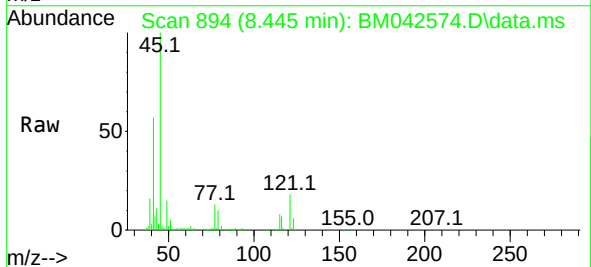
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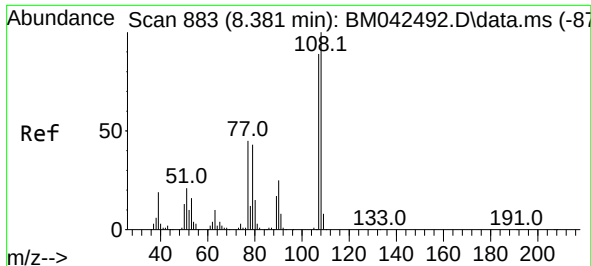
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.567 ng
RT: 8.445 min Scan# 894
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion: 45 Resp: 245267
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.0
79 10.5 0.0 29.5





#17

2-Methylphenol

Concen: 43.985 ng

RT: 8.369 min Scan# 81

Delta R.T. 0.011 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion:107 Resp: 13023

Ion Ratio Lower Upper

107 100

108 112.8 90.4 135.6

77 56.3 40.6 60.8

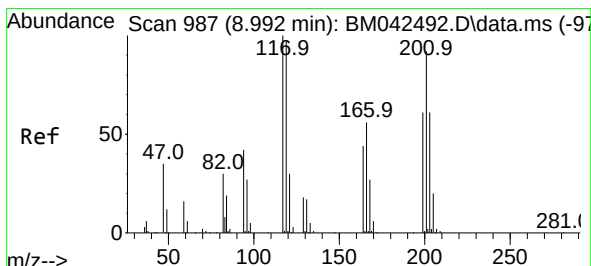
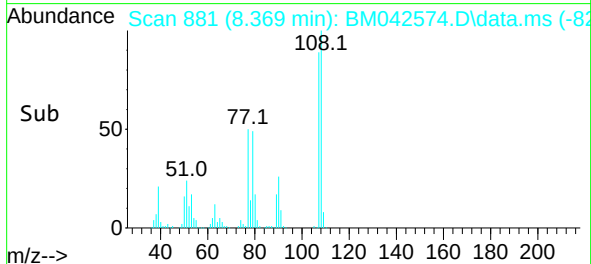
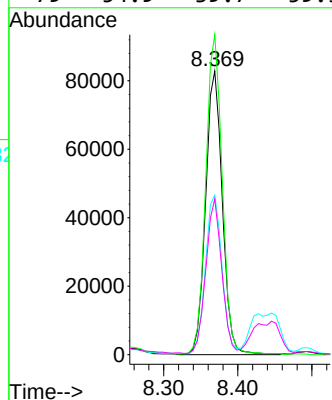
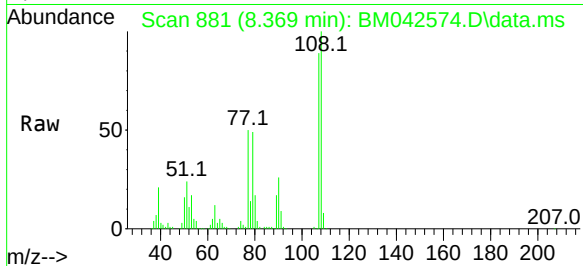
79 54.9 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#18

Hexachloroethane

Concen: 47.276 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

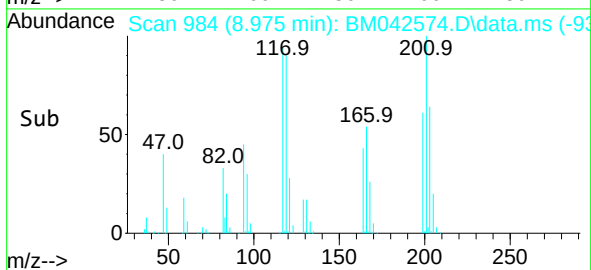
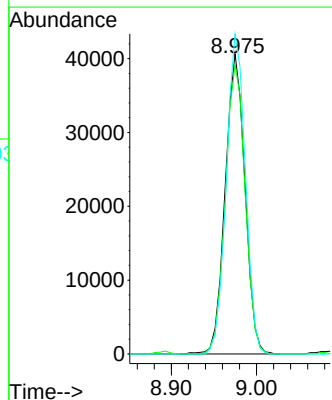
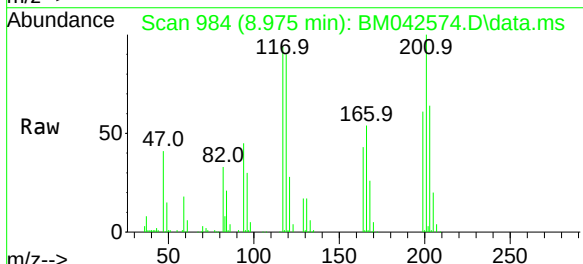
Tgt Ion:117 Resp: 65498

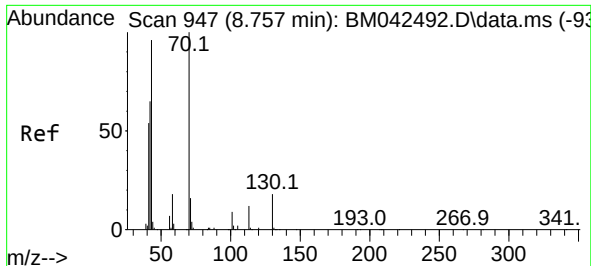
Ion Ratio Lower Upper

117 100

119 96.4 77.9 116.9

201 106.7 73.7 110.5





#19

n-Nitroso-di-n-propylamine

Concen: 45.399 ng

RT: 8.734 min Scan# 94

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion: 70 Resp: 13223

Ion Ratio Lower Upper

70 100

42 74.8 52.5 78.7

101 8.7 7.0 10.4

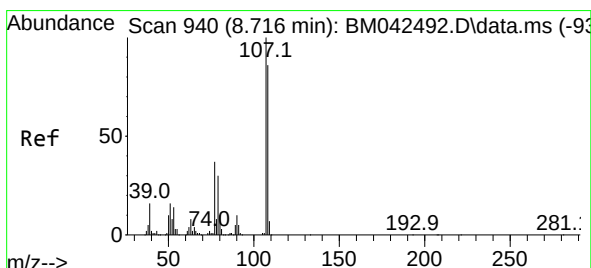
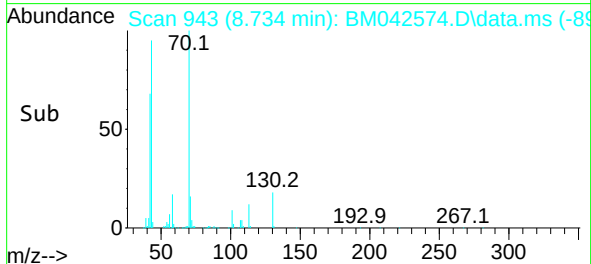
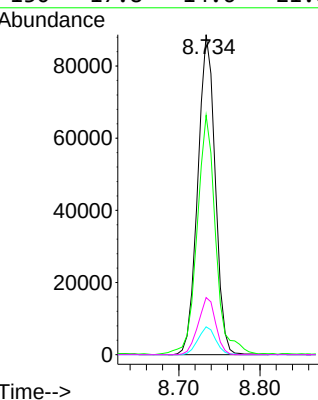
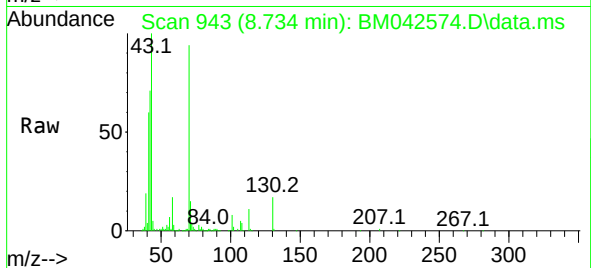
130 17.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#20

3+4-Methylphenols

Concen: 43.708 ng

RT: 8.704 min Scan# 938

Delta R.T. 0.011 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Tgt Ion:107 Resp: 173025

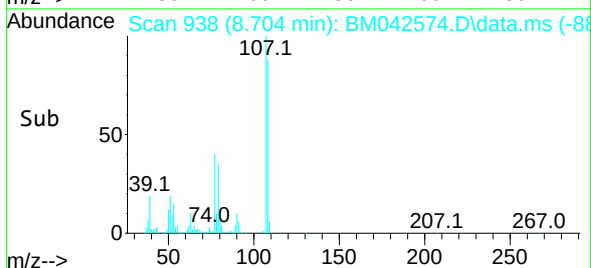
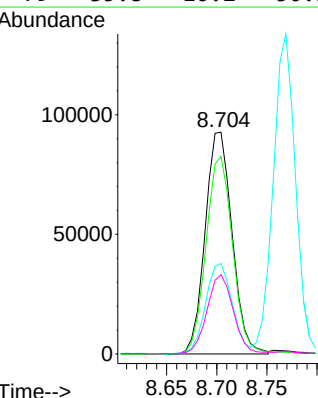
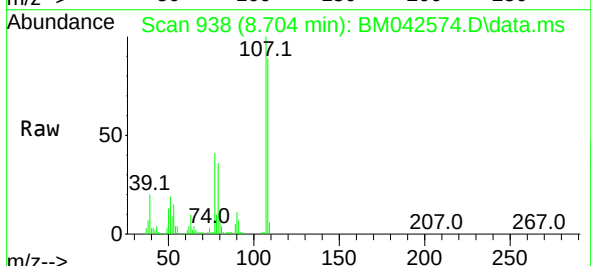
Ion Ratio Lower Upper

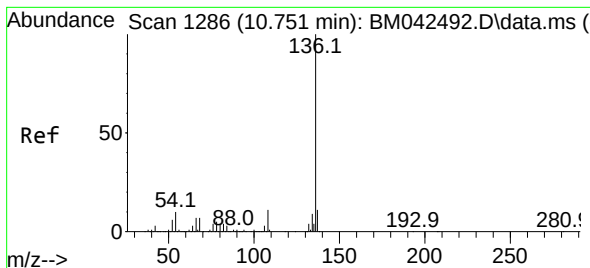
107 100

108 89.1 66.4 106.4

77 40.8 17.6 57.6

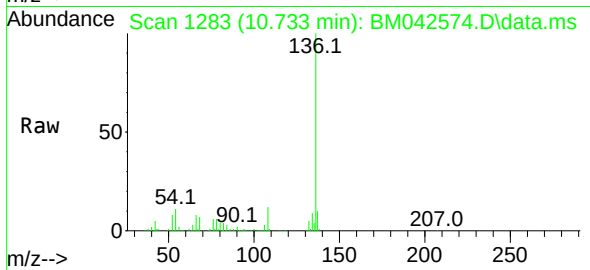
79 35.8 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

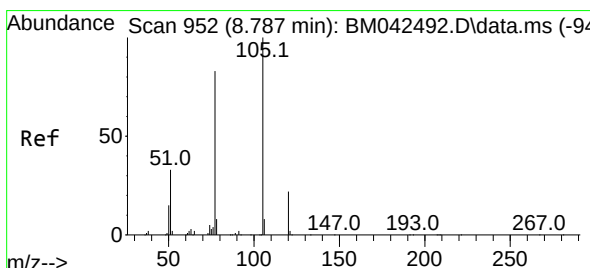
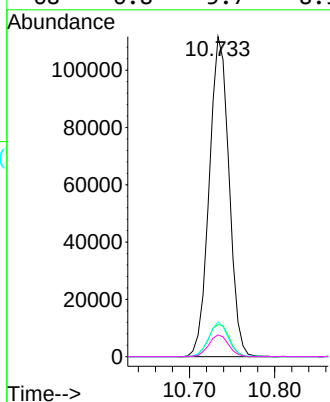
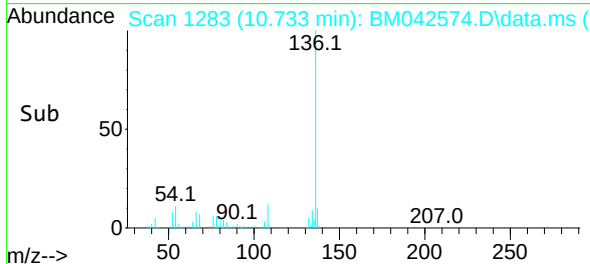
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion:136 Resp: 17995
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.6
54 10.9 8.0 12.0
68 6.8 5.7 8.5

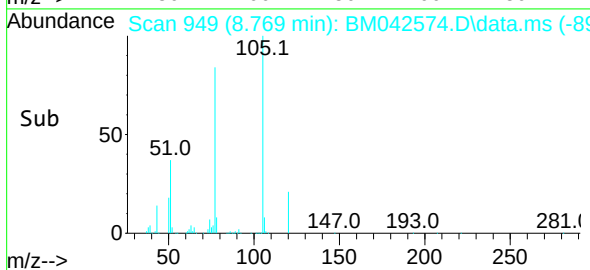
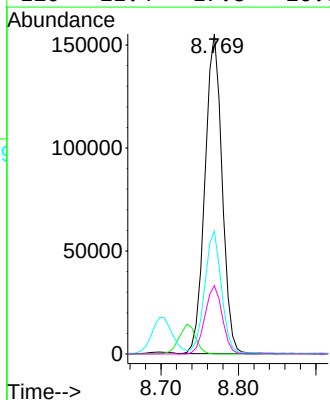
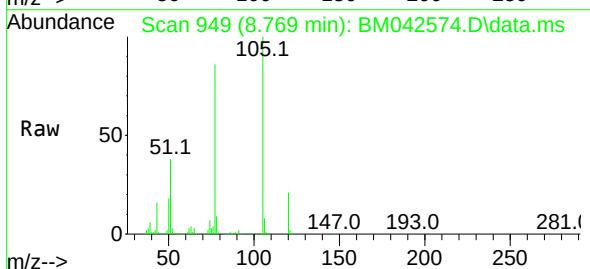
Manual Integrations
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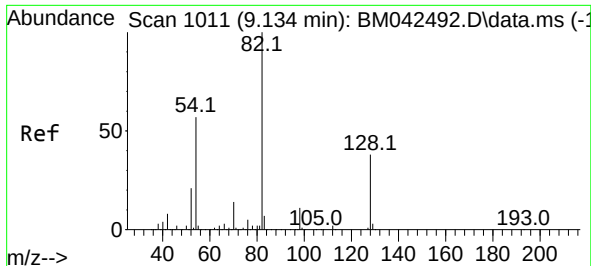
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 52.441 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:105 Resp: 238000
Ion Ratio Lower Upper
105 100
71 0.0 0.2 0.2#
51 38.3 27.6 41.4
120 21.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 62.129 ng

RT: 9.116 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion: 82 Resp: 239835

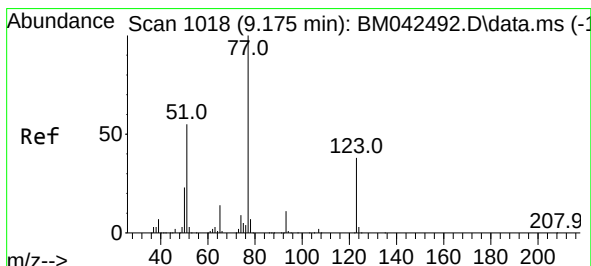
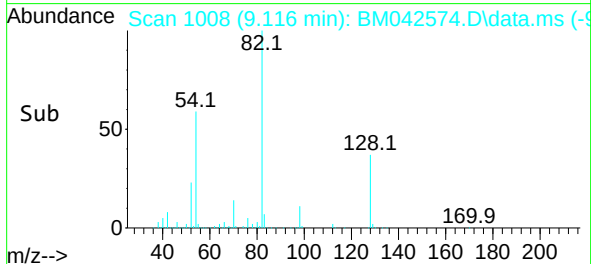
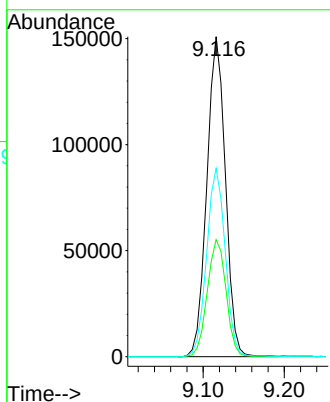
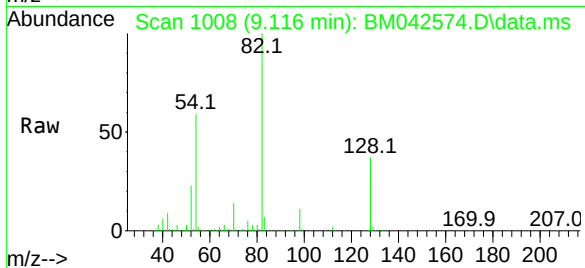
Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.7	46.1
54	58.8	45.3	67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#24

Nitrobenzene

Concen: 51.649 ng

RT: 9.157 min Scan# 1015

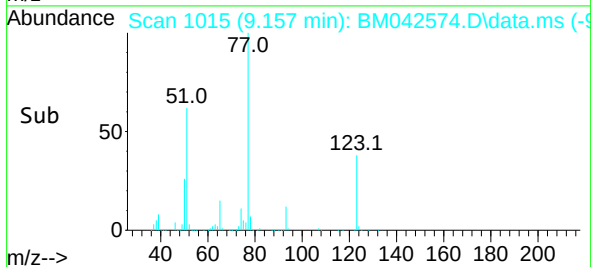
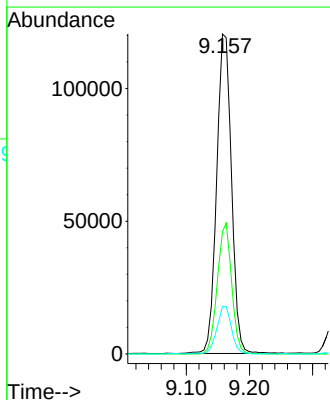
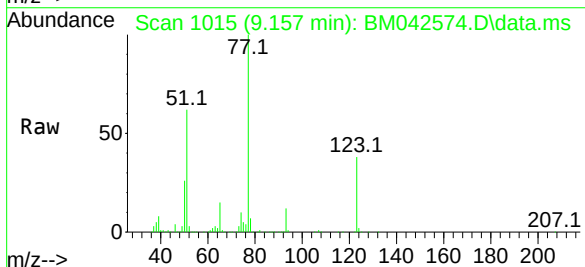
Delta R.T. -0.000 min

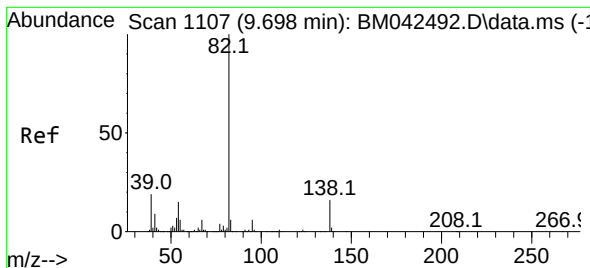
Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Tgt Ion: 77 Resp: 196379

Ion	Ratio	Lower	Upper
77	100		
123	38.3	30.6	46.0
65	14.8	10.8	16.2





#25

Isophorone

Concen: 51.930 ng

RT: 9.669 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

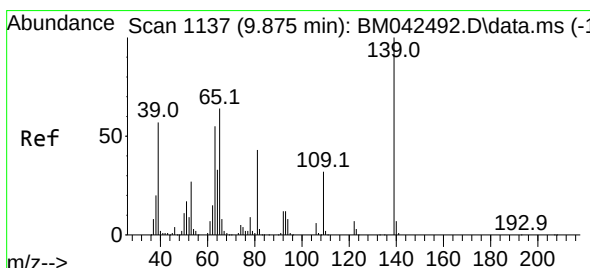
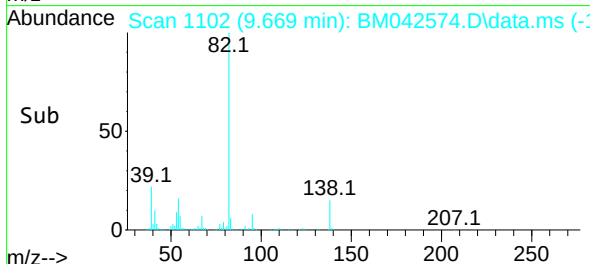
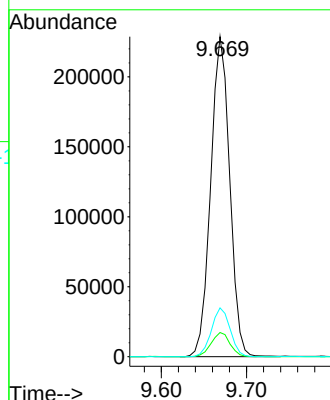
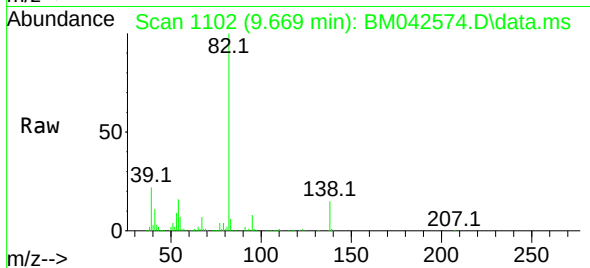
ClientSampleId :

Z-7(0-5)MS

Tgt Ion:	82	Resp:	35481
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	15.3	12.6	18.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#26

2-Nitrophenol

Concen: 51.274 ng

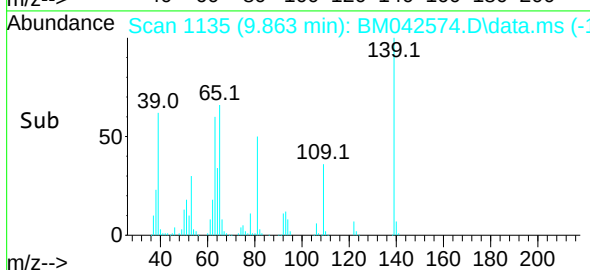
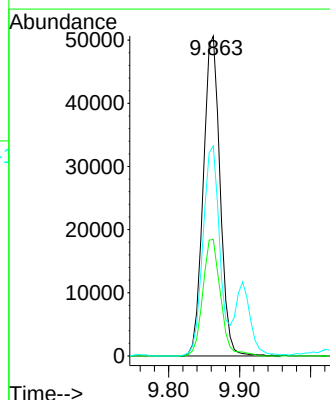
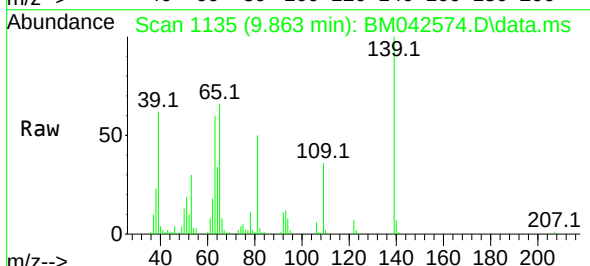
RT: 9.863 min Scan# 1135

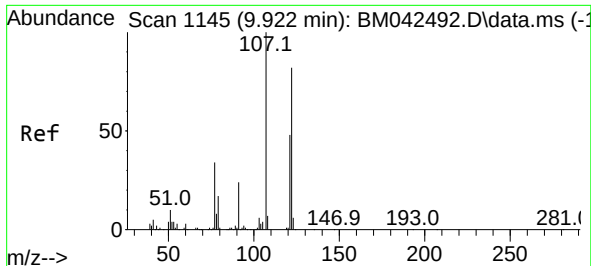
Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

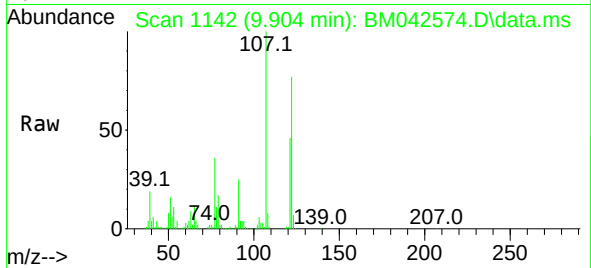
Tgt Ion:	139	Resp:	83321
Ion Ratio	Lower	Upper	
139	100		
109	36.4	25.2	37.8
65	65.6	51.4	77.0





#27
2,4-Dimethylphenol
Concen: 46.169 ng
RT: 9.904 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

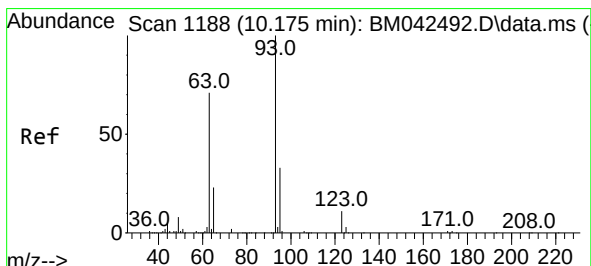
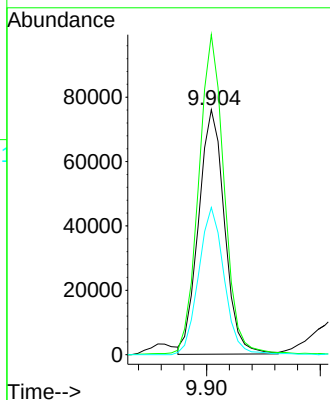
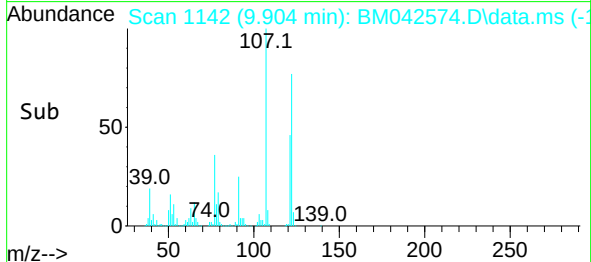
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion:122 Resp: 120680
Ion Ratio Lower Upper
122 100
107 130.6 95.4 143.2
121 60.1 46.0 69.0

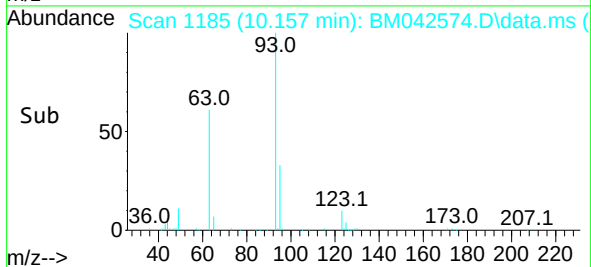
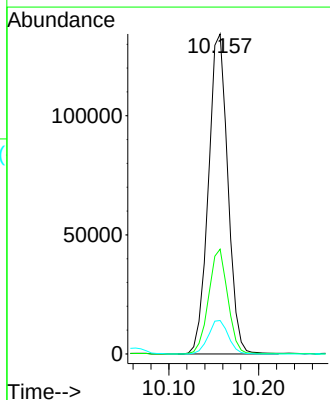
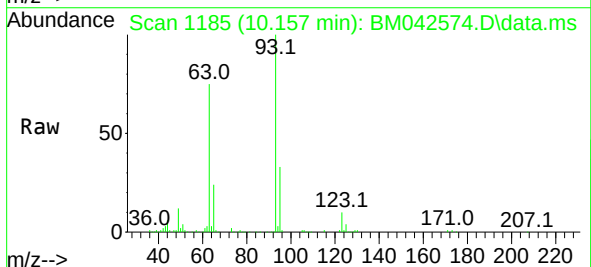
Manual Integrations
APPROVED

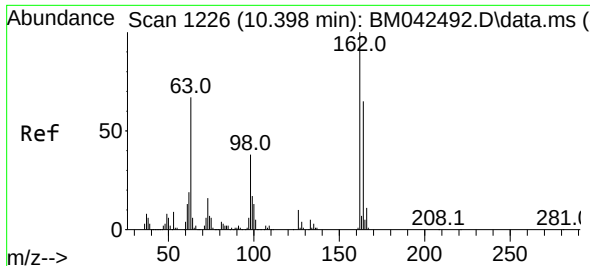
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.048 ng
RT: 10.157 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

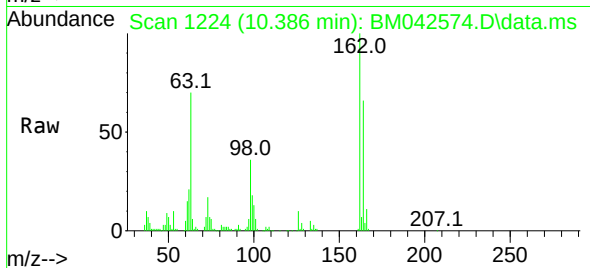
Tgt Ion: 93 Resp: 201897
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.5 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 57.253 ng
RT: 10.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

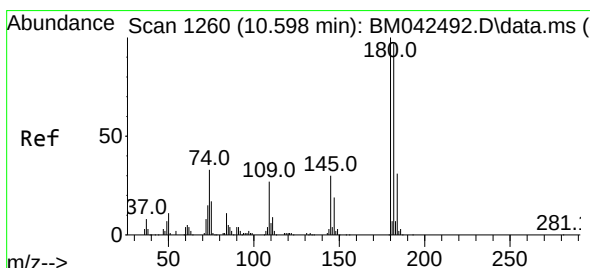
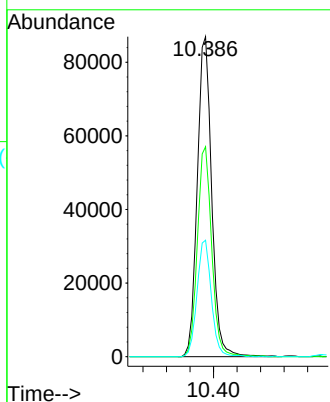
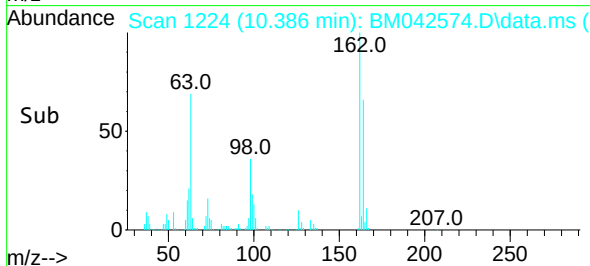
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



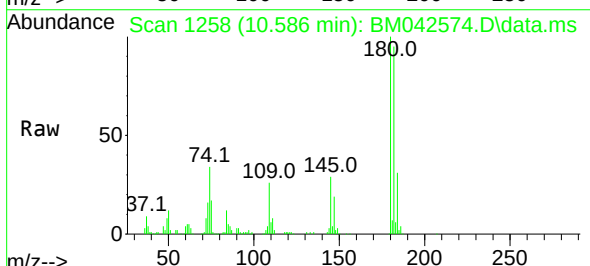
Tgt Ion:162 Resp: 14807
Ion Ratio Lower Upper
162 100
164 65.6 44.9 84.9
98 36.4 18.4 58.4

Manual Integrations
APPROVED

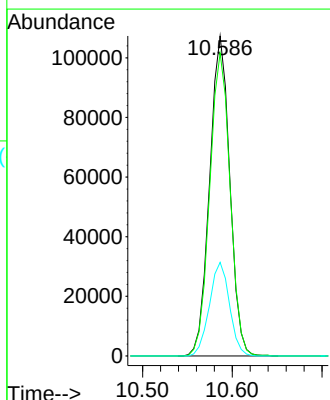
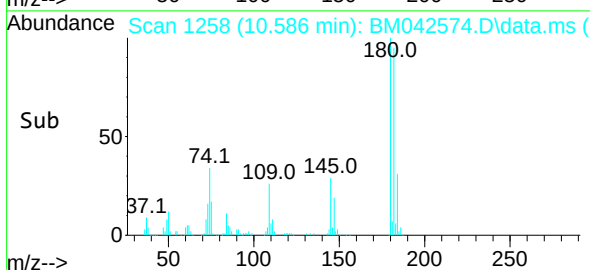
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

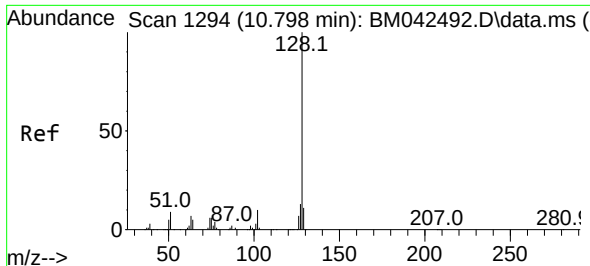


#30
1,2,4-Trichlorobenzene
Concen: 59.002 ng
RT: 10.586 min Scan# 1258
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



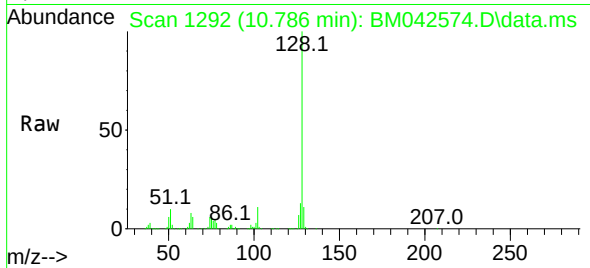
Tgt Ion:180 Resp: 167234
Ion Ratio Lower Upper
180 100
182 94.6 77.8 116.8
145 29.3 24.4 36.6





#31
Naphthalene
Concen: 56.767 ng
RT: 10.786 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

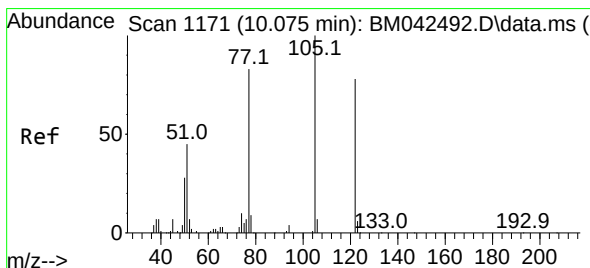
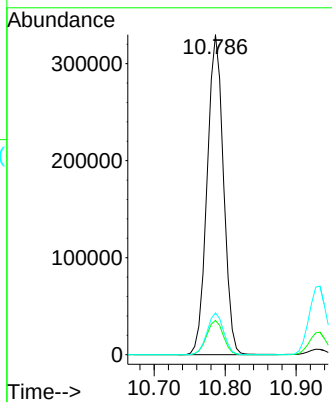
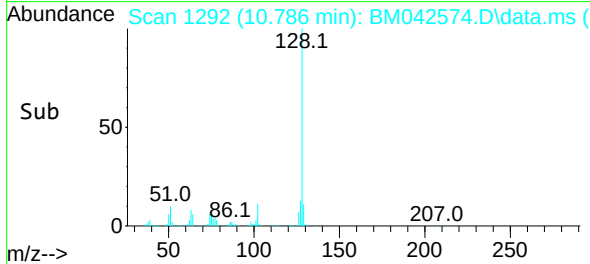
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



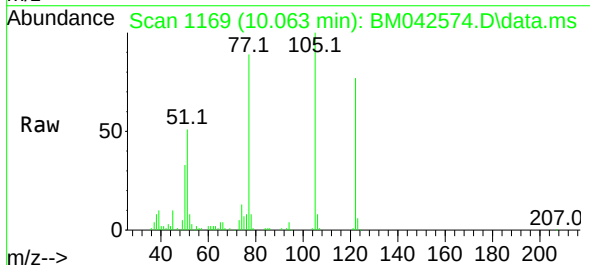
Tgt Ion:128 Resp: 527775
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.6 15.8

Manual Integrations
APPROVED

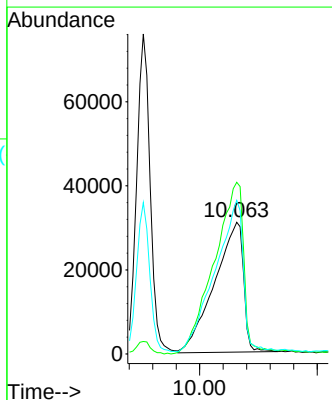
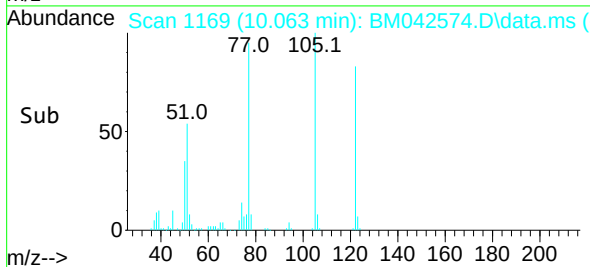
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

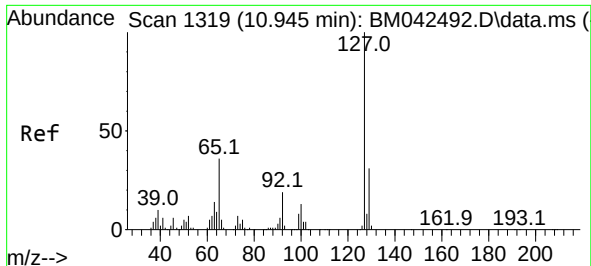


#32
Benzoic acid
Concen: 49.685 ng
RT: 10.063 min Scan# 1169
Delta R.T. 0.011 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:122 Resp: 105962
Ion Ratio Lower Upper
122 100
105 130.4 105.2 145.2
77 116.6 84.8 124.8





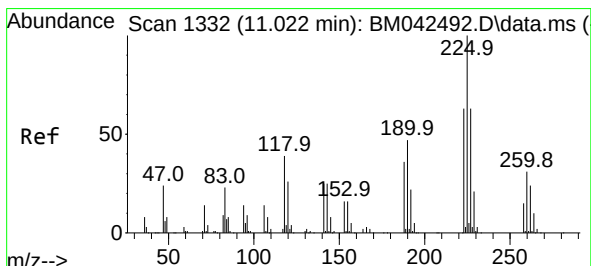
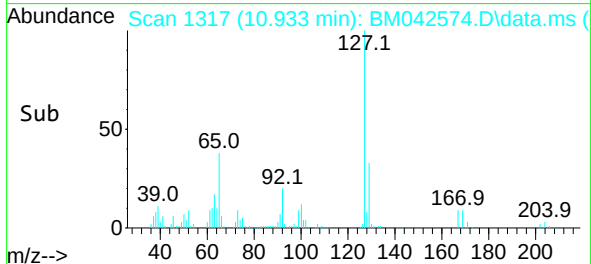
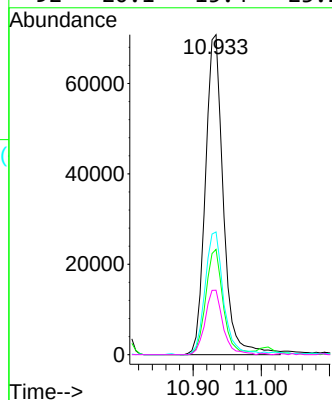
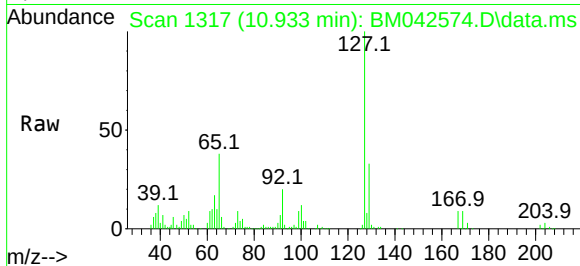
#33
4-Chloroaniline
Concen: 35.759 ng
RT: 10.933 min Scan# 11
Delta R.T. 0.011 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:	127	Resp:	12963
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.0	37.4
65	38.3	29.0	43.4
92	20.1	15.4	23.2

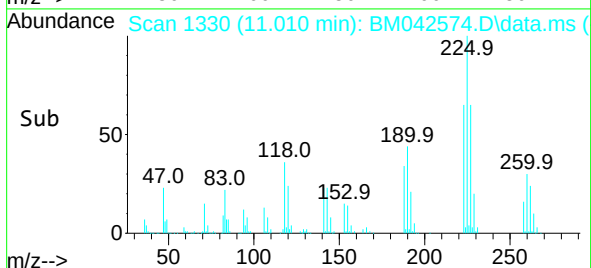
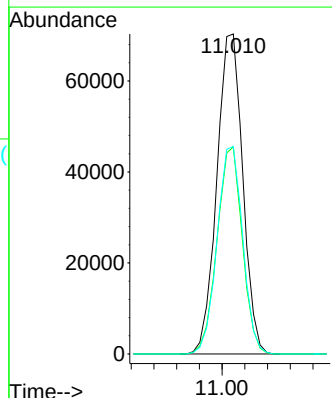
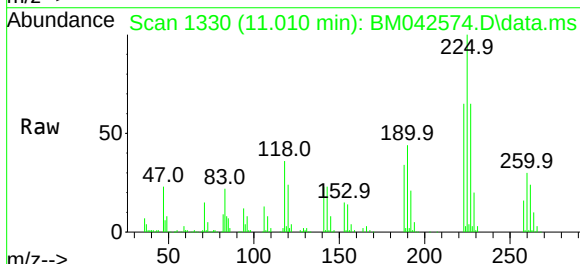
Manual Integrations
APPROVED

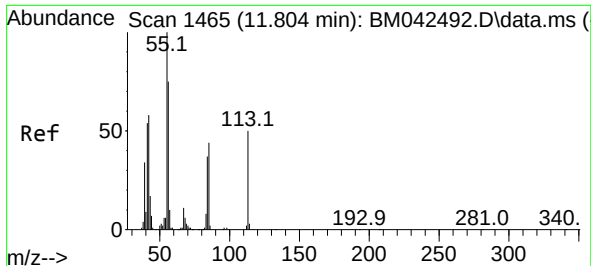
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#34
Hexachlorobutadiene
Concen: 64.663 ng
RT: 11.010 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

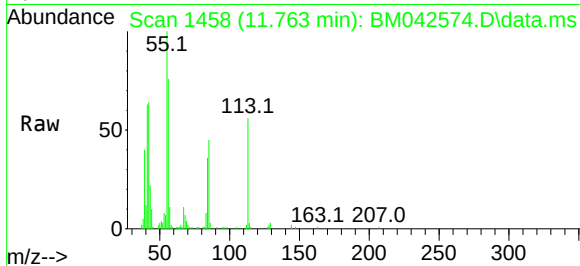
Tgt Ion:	225	Resp:	111277
Ion Ratio	Lower	Upper	
225	100		
223	64.7	50.0	75.0
227	64.9	50.6	75.8





#35
Caprolactam
Concen: 49.569 ng m
RT: 11.763 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

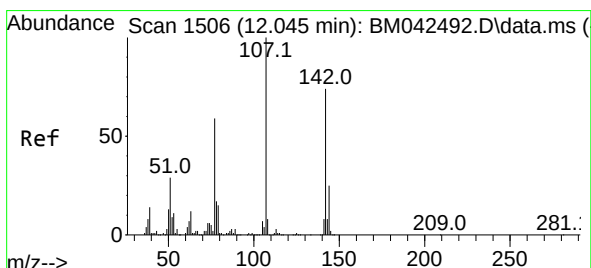
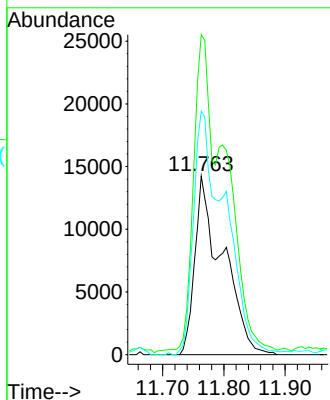
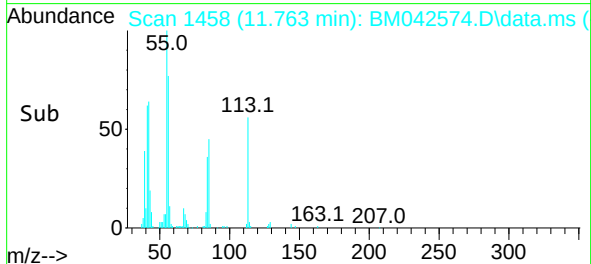
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



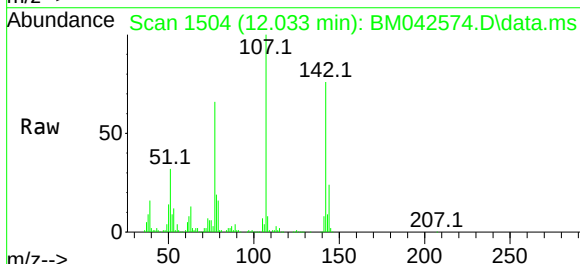
Tgt Ion:113 Resp: 4504
Ion Ratio Lower Upper
113 100
55 179.1 180.9 220.9
56 136.3 130.0 170.0

Manual Integrations
APPROVED

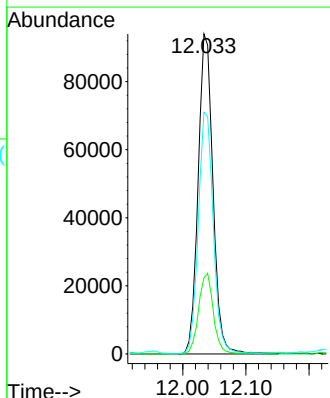
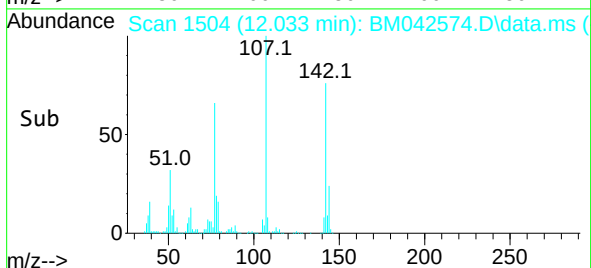
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

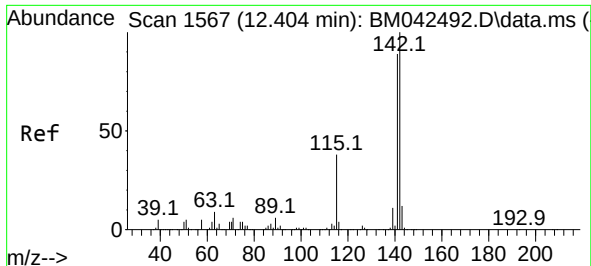


#36
4-Chloro-3-methylphenol
Concen: 52.185 ng
RT: 12.033 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:107 Resp: 153600
Ion Ratio Lower Upper
107 100
144 23.7 20.2 30.2
142 75.5 59.5 89.3





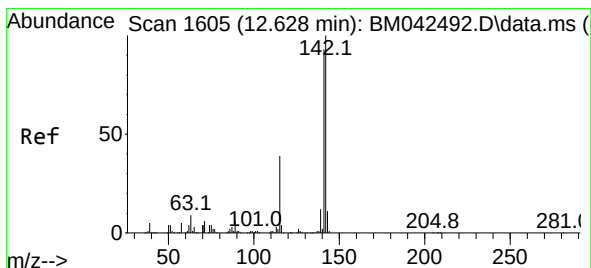
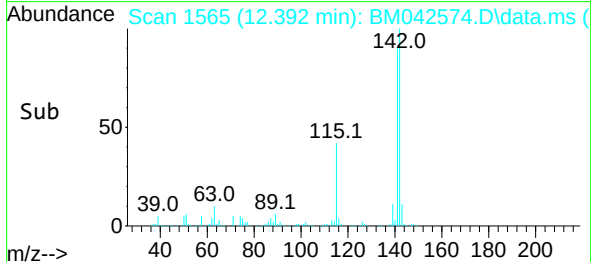
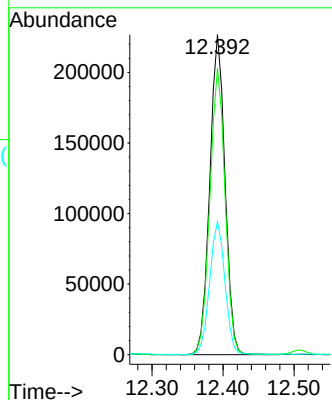
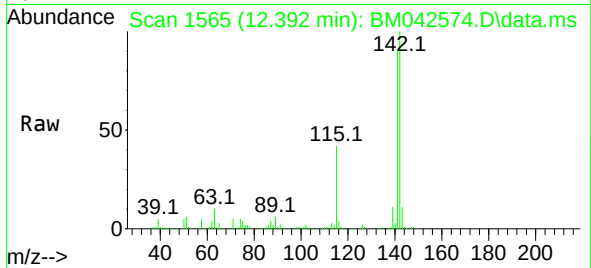
#37
2-Methylnaphthalene
Concen: 51.731 ng
RT: 12.392 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:142 Resp: 338720
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3
115 41.6 30.2 45.2

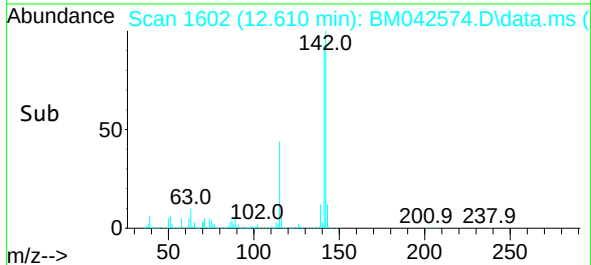
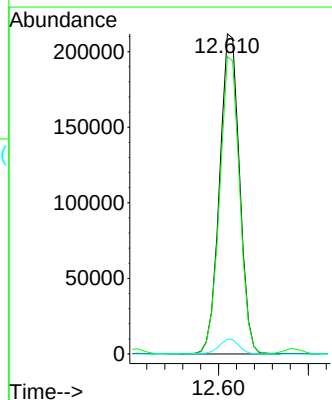
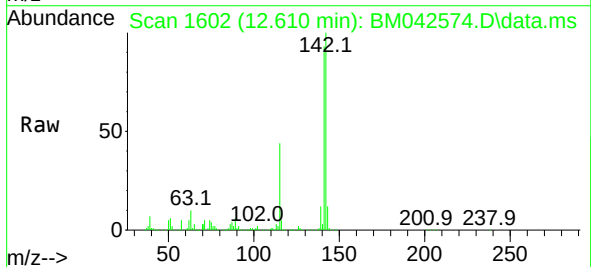
Manual Integrations
APPROVED

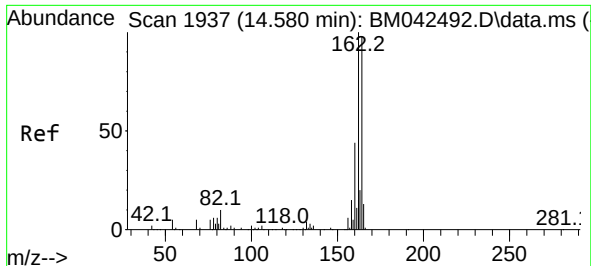
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#38
1-Methylnaphthalene
Concen: 53.024 ng
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

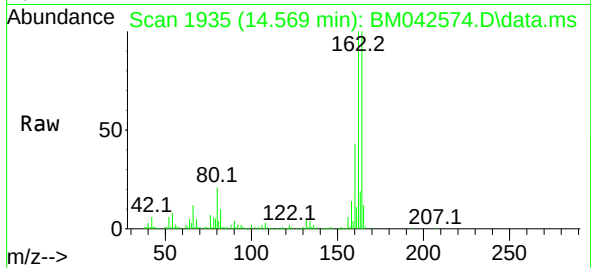
Tgt Ion:142 Resp: 326794
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 4.6 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

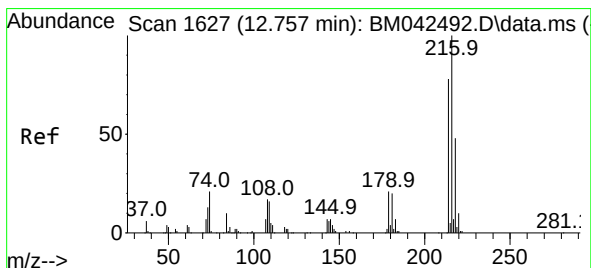
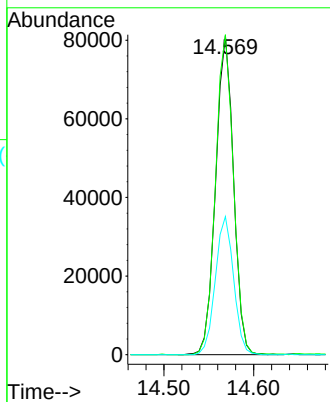
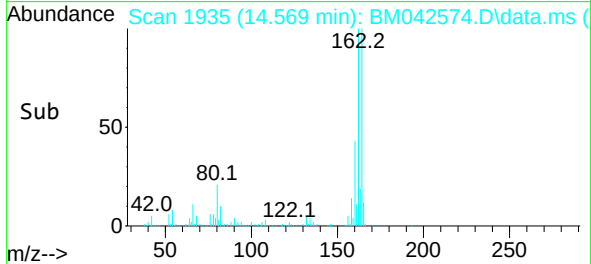
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



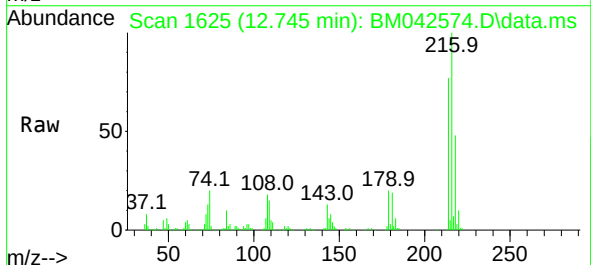
Tgt Ion:164 Resp: 112135
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 43.3 36.2 54.4

Manual Integrations
APPROVED

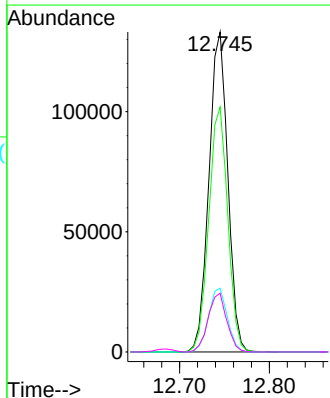
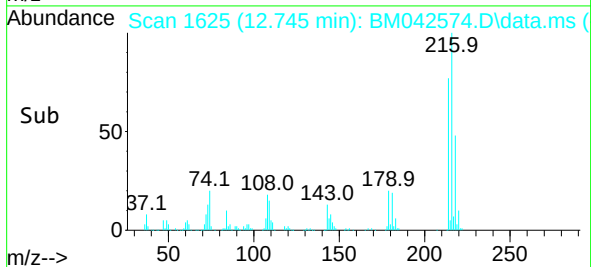
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

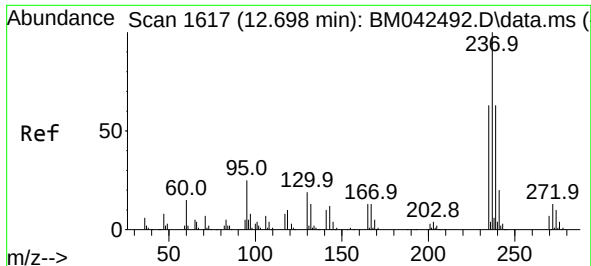


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.916 ng
RT: 12.745 min Scan# 1625
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:216 Resp: 194017
Ion Ratio Lower Upper
216 100
214 77.0 62.5 93.7
179 19.9 16.7 25.1
108 18.3 15.5 23.3





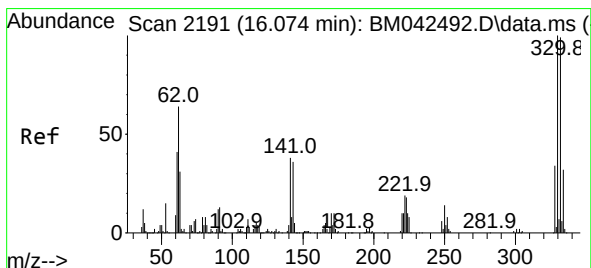
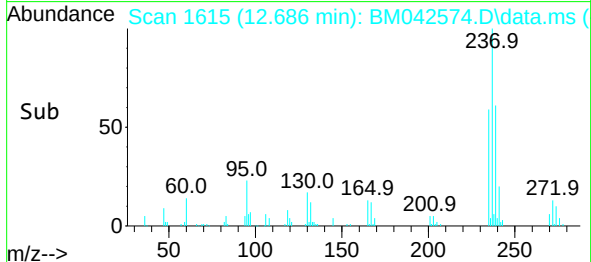
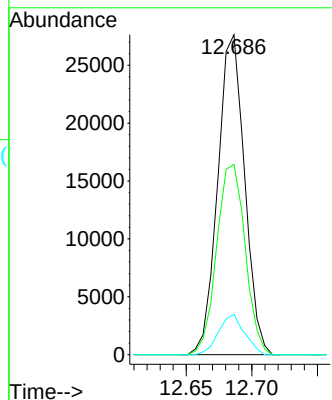
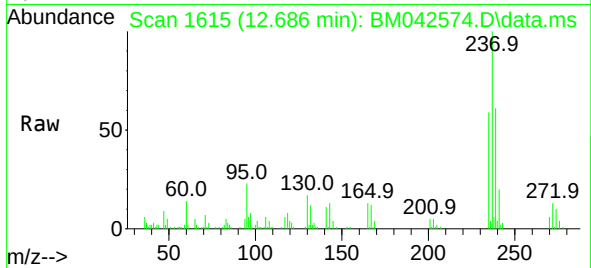
#41
Hexachlorocyclopentadiene
Concen: 24.194 ng
RT: 12.686 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:237 Resp: 39340
Ion Ratio Lower Upper
237 100
235 59.5 42.5 82.5
272 12.6 0.0 33.2

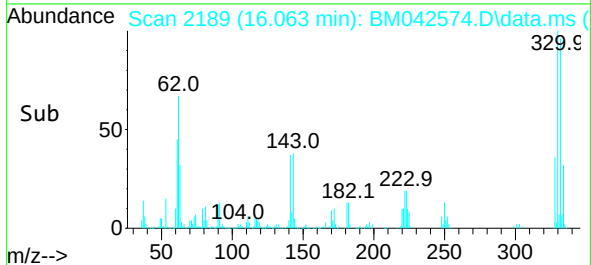
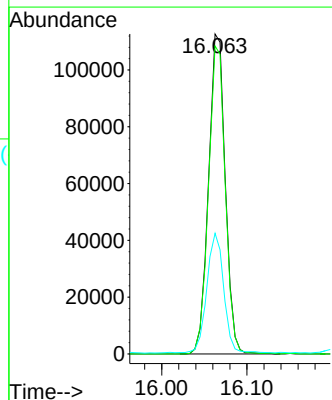
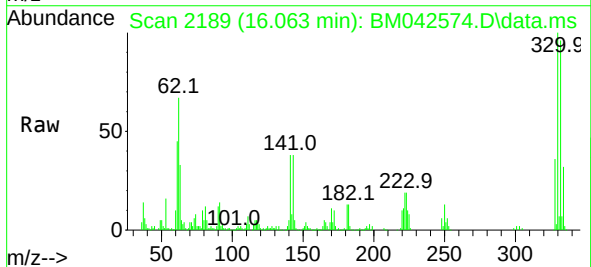
Manual Integrations
APPROVED

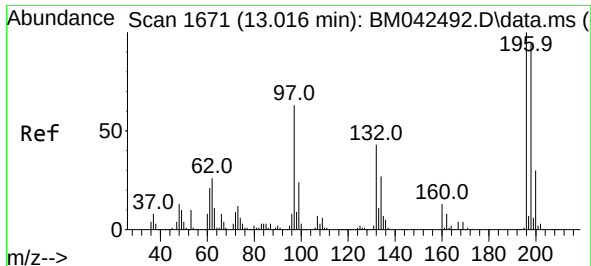
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#42
2,4,6-Tribromophenol
Concen: 104.881 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:330 Resp: 153548
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 37.7 31.1 46.7





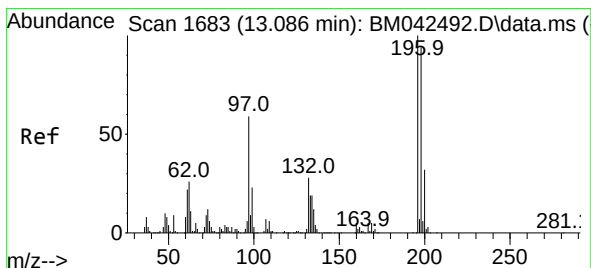
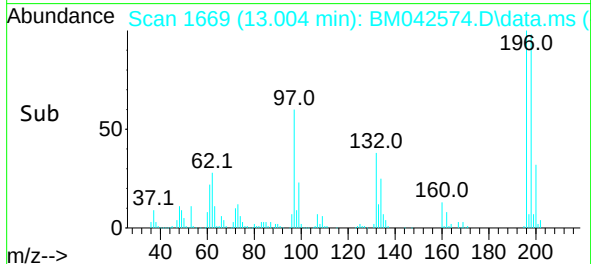
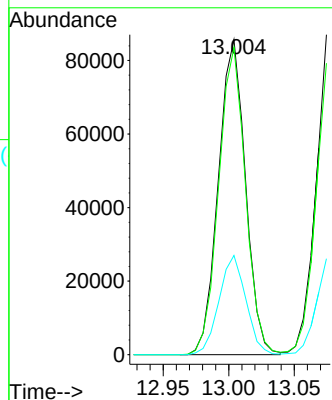
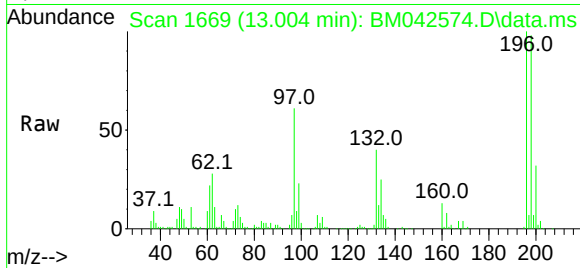
#43
2,4,6-Trichlorophenol
Concen: 57.466 ng
RT: 13.004 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:196 Resp: 12330
Ion Ratio Lower Upper
196 100
198 97.5 75.2 112.8
200 31.5 24.3 36.5

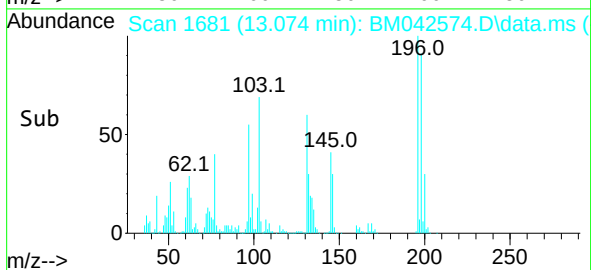
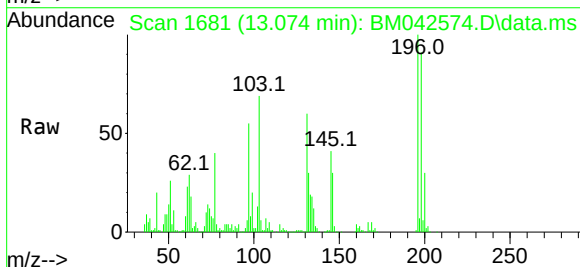
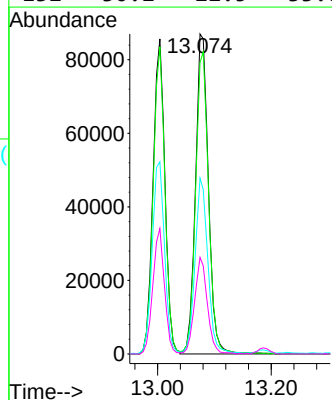
Manual Integrations
APPROVED

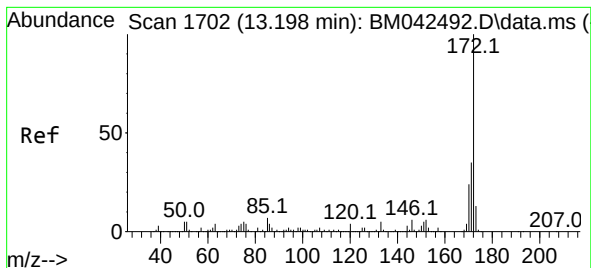
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#44
2,4,5-Trichlorophenol
Concen: 54.175 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:196 Resp: 138325
Ion Ratio Lower Upper
196 100
198 91.1 75.1 112.7
97 54.9 47.4 71.0
132 30.2 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 57.336 ng

RT: 13.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

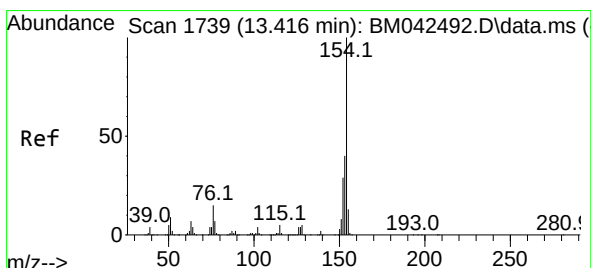
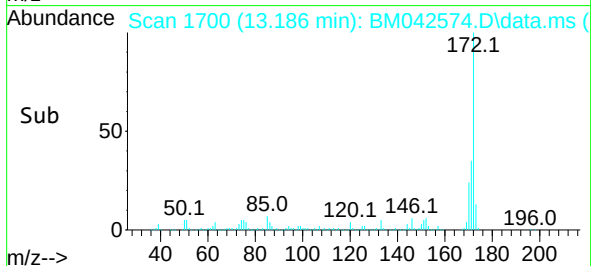
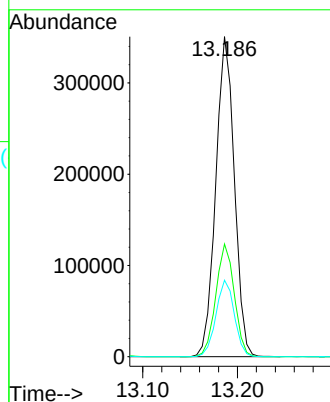
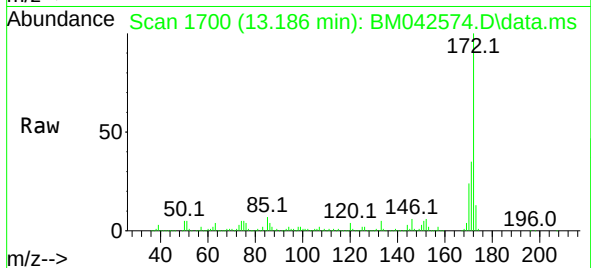
Tgt Ion:172 Resp: 477805
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.2
 170 23.9 19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#46

1,1'-Biphenyl

Concen: 51.962 ng

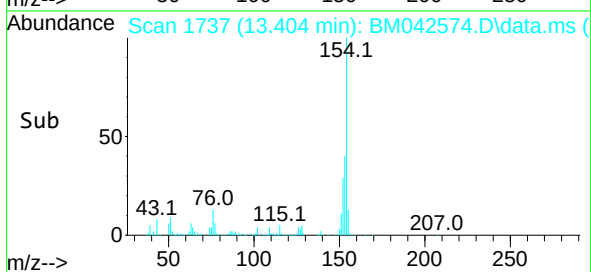
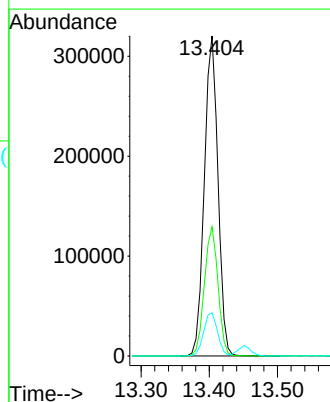
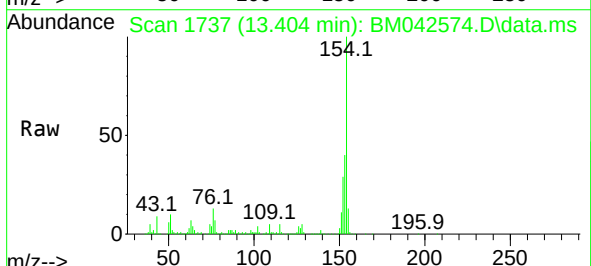
RT: 13.404 min Scan# 1737

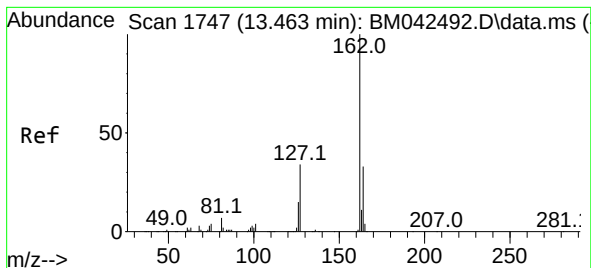
Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

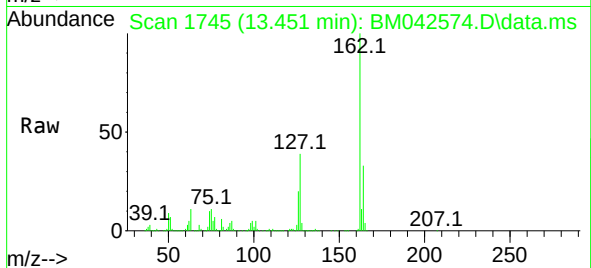
Tgt Ion:154 Resp: 445403
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.3 60.3
 76 13.5 0.0 35.0





#47
2-Chloronaphthalene
Concen: 52.372 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

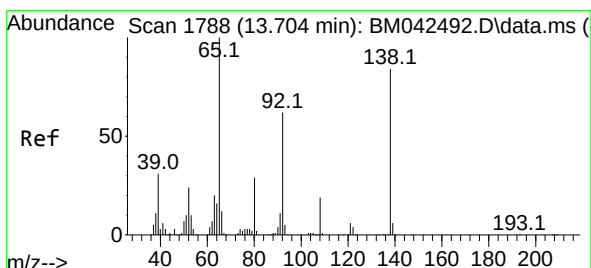
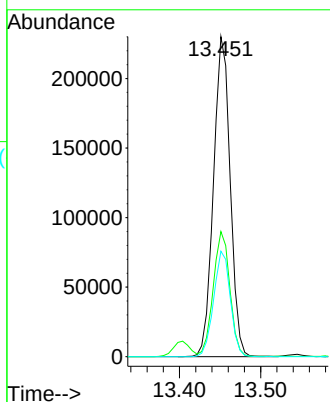
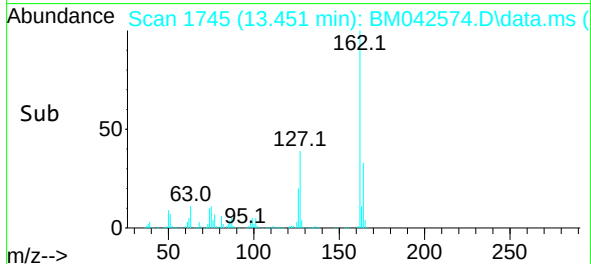
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



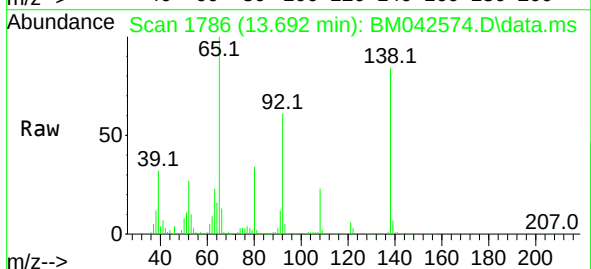
Tgt Ion:162 Resp: 329330
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 32.9 26.2 39.4

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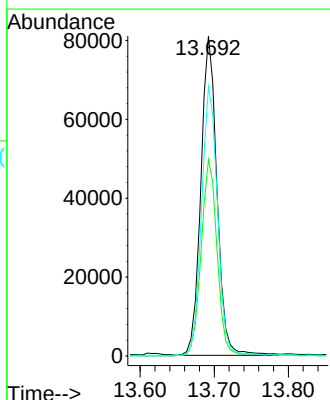
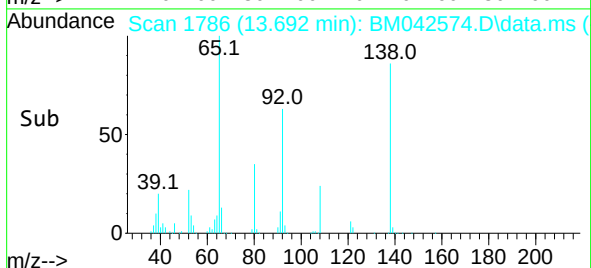
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

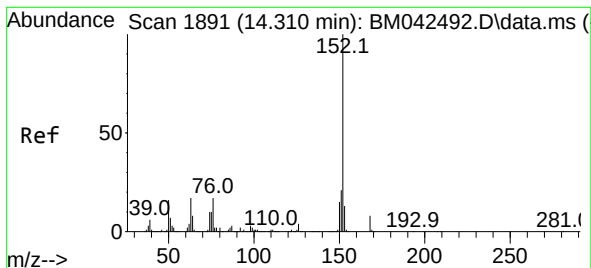


#48
2-Nitroaniline
Concen: 48.088 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion: 65 Resp: 121989
Ion Ratio Lower Upper
65 100
92 61.4 49.4 74.2
138 84.1 66.9 100.3





#49

Acenaphthylene

Concen: 81.409 ng

RT: 14.298 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion:152 Resp: 84783

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

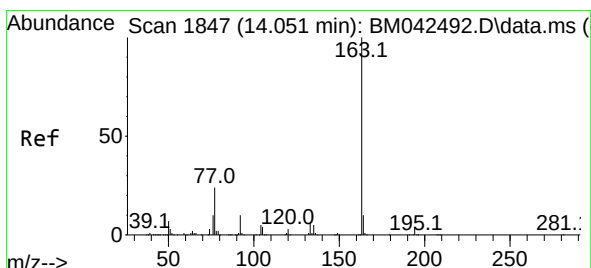
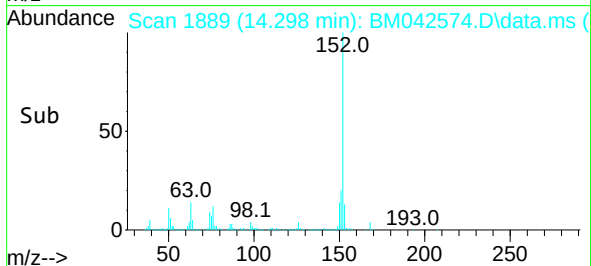
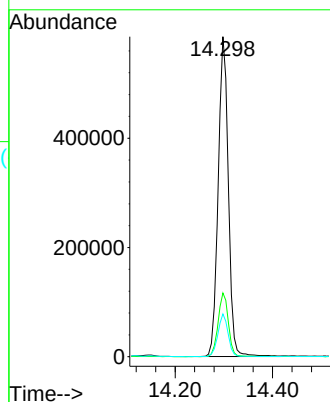
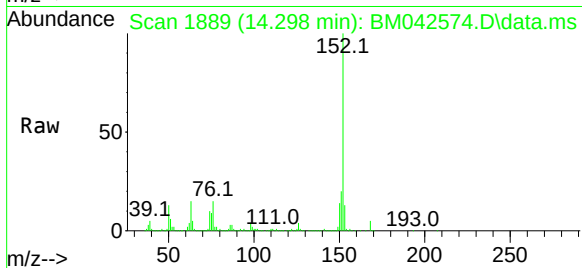
153 13.3 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#50

Dimethylphthalate

Concen: 49.727 ng

RT: 14.033 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

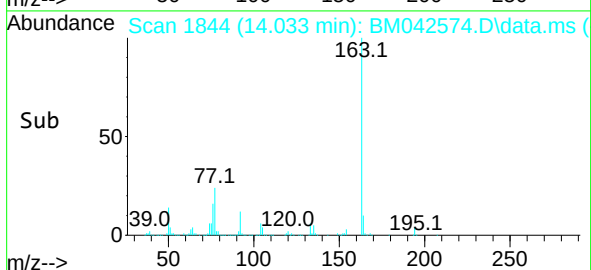
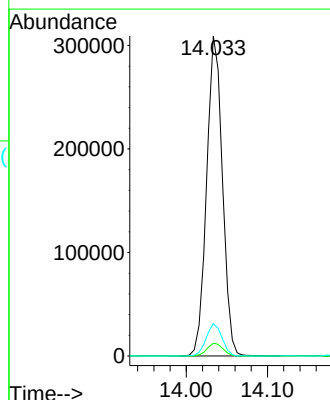
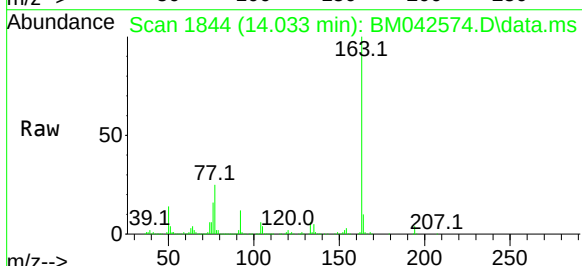
Tgt Ion:163 Resp: 416767

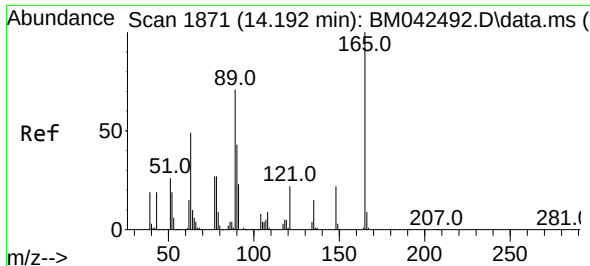
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

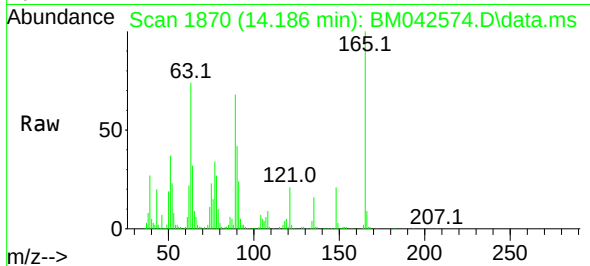
164 10.1 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 50.685 ng
RT: 14.186 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

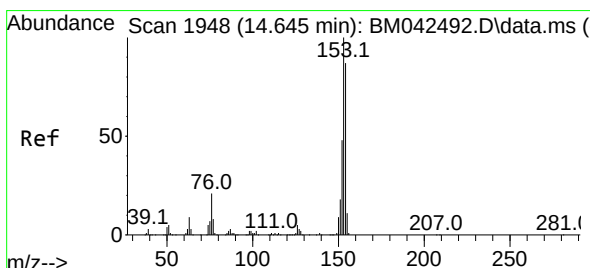
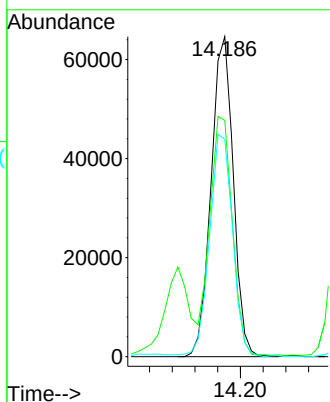
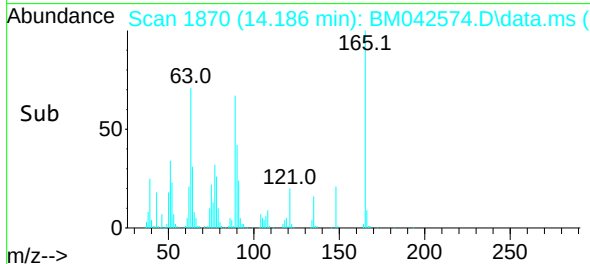
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion:165 Resp: 87549
Ion Ratio Lower Upper
165 100
63 73.9 59.4 89.0
89 67.9 57.0 85.6

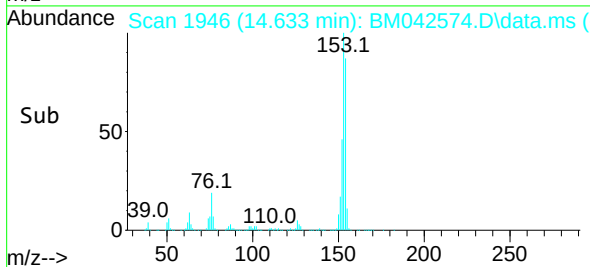
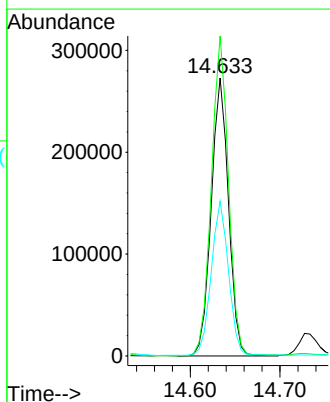
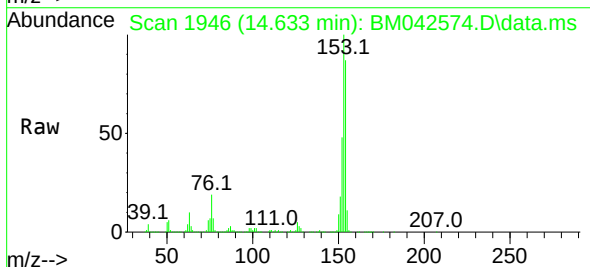
Manual Integrations
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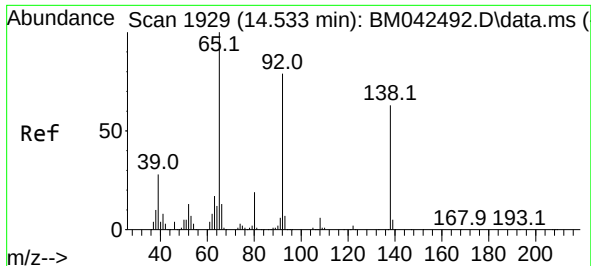
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#52
Acenaphthene
Concen: 57.754 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:154 Resp: 365039
Ion Ratio Lower Upper
154 100
153 115.2 92.0 138.0
152 55.7 44.0 66.0





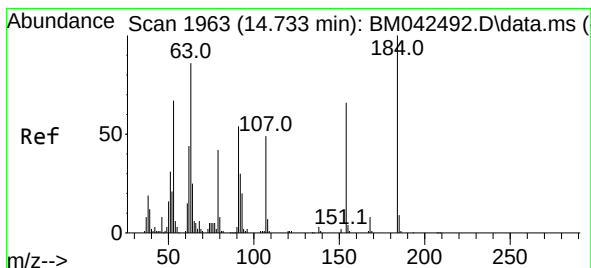
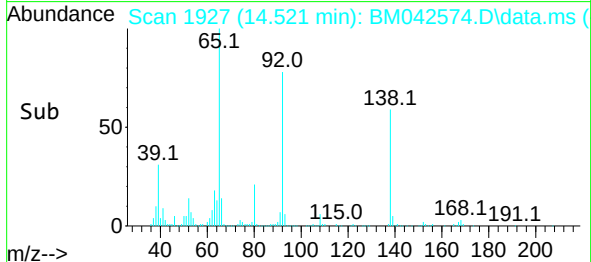
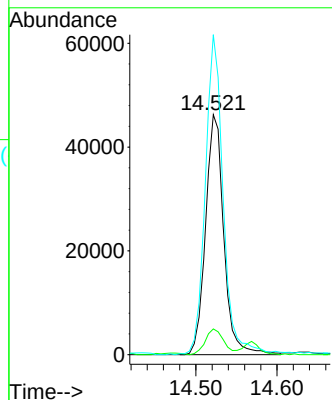
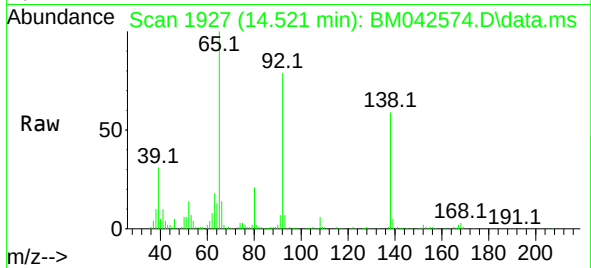
#53
3-Nitroaniline
Concen: 38.204 ng
RT: 14.521 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:138 Resp: 72109
Ion Ratio Lower Upper
138 100
108 10.7 7.9 11.9
92 133.3 100.7 151.1

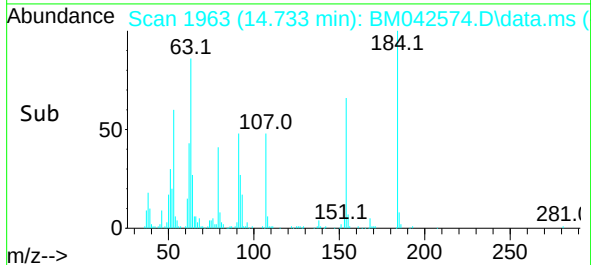
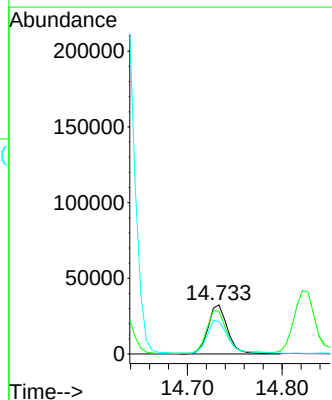
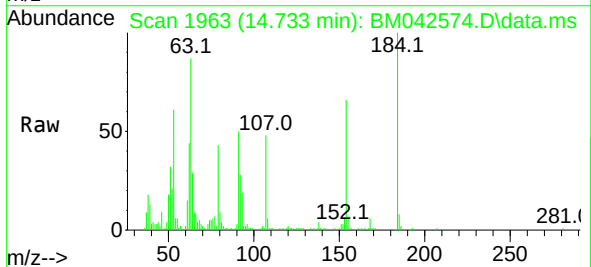
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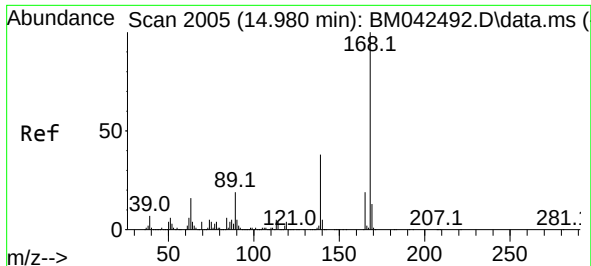
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 42.084 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

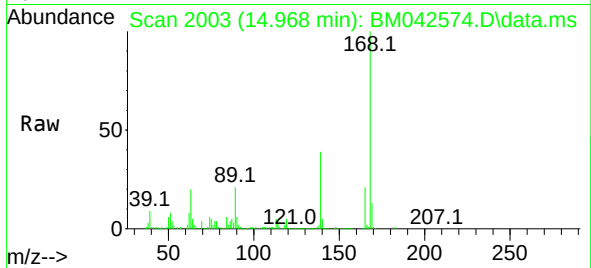
Tgt Ion:184 Resp: 46599
Ion Ratio Lower Upper
184 100
63 87.0 69.2 103.8
154 66.4 53.2 79.8





#55
Dibenzenofuran
Concen: 58.777 ng
RT: 14.968 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

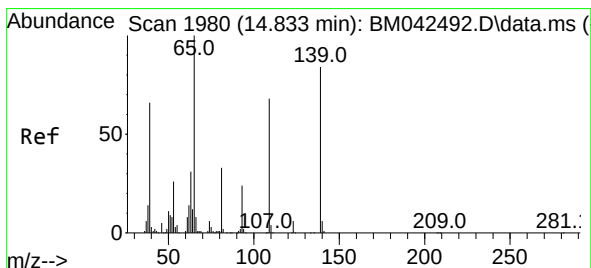
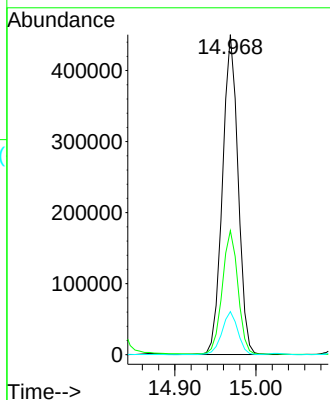
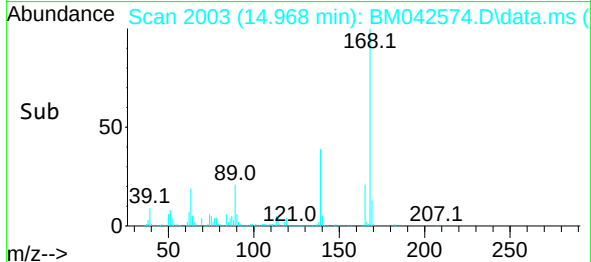
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



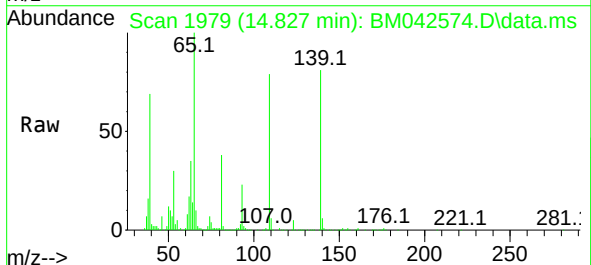
Tgt Ion:168 Resp: 604024
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 13.5 10.6 15.8

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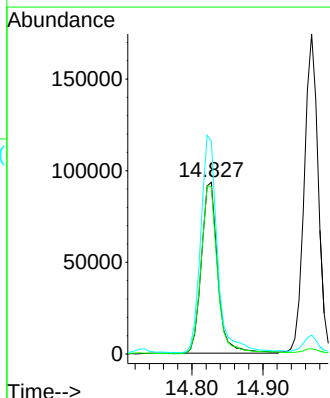
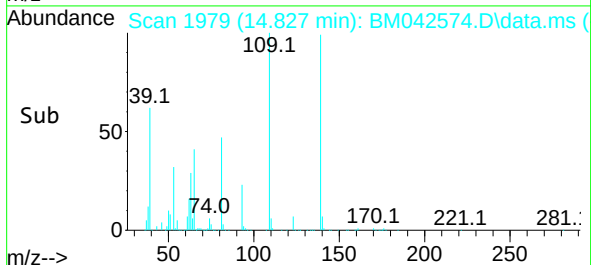
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

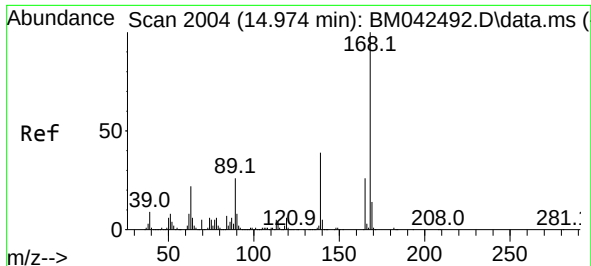


#56
4-Nitrophenol
Concen: 93.800 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



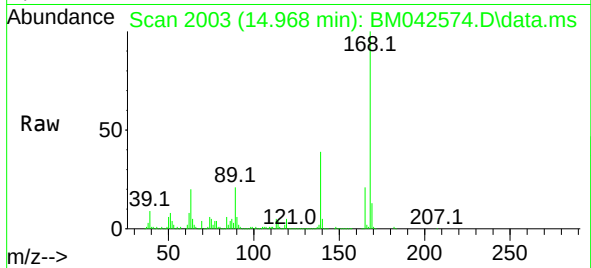
Tgt Ion:139 Resp: 149290
Ion Ratio Lower Upper
139 100
109 97.4 61.3 101.3
65 123.8 100.2 140.2





#57
2,4-Dinitrotoluene
Concen: 47.754 ng
RT: 14.968 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

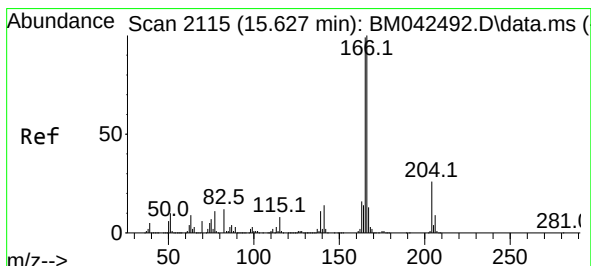
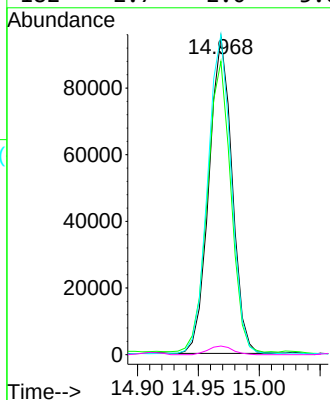
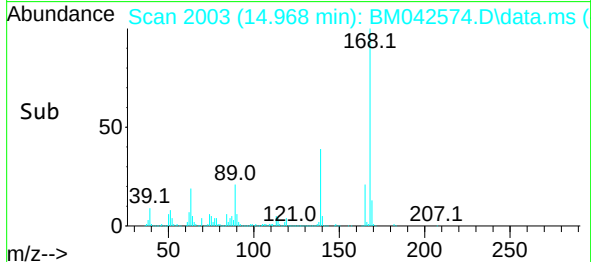
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion:165 Resp: 124939
Ion Ratio Lower Upper
165 100
63 92.2 66.7 100.1
89 100.6 80.2 120.4
182 2.7 2.0 3.0

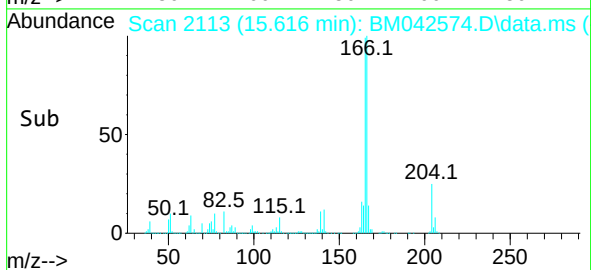
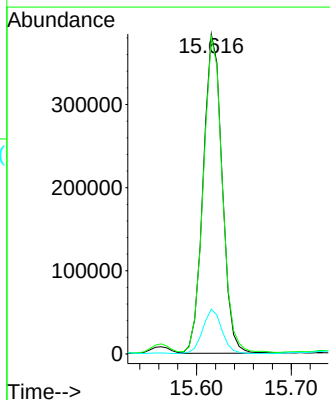
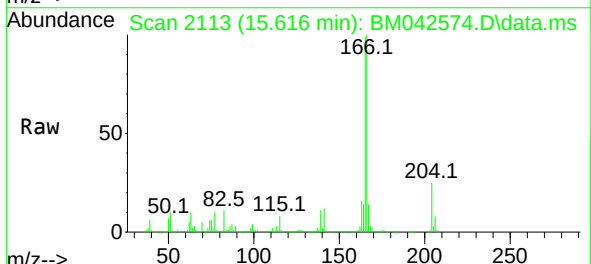
Manual Integrations
APPROVED

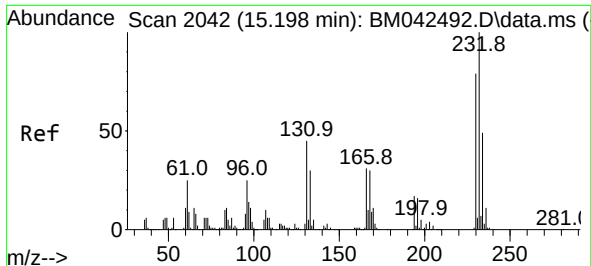
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#58
Fluorene
Concen: 63.799 ng
RT: 15.616 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

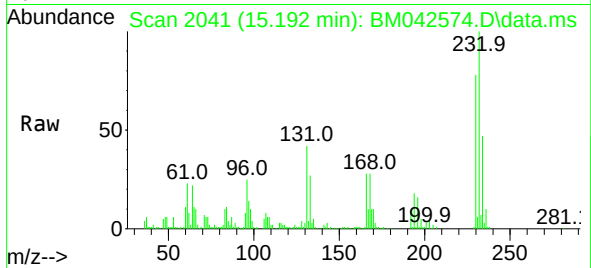
Tgt Ion:166 Resp: 530472
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 14.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.409 ng
RT: 15.192 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

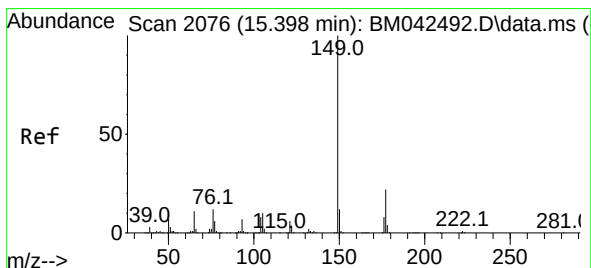
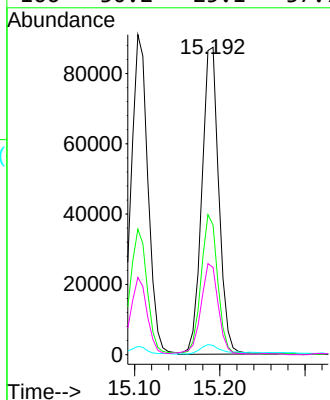
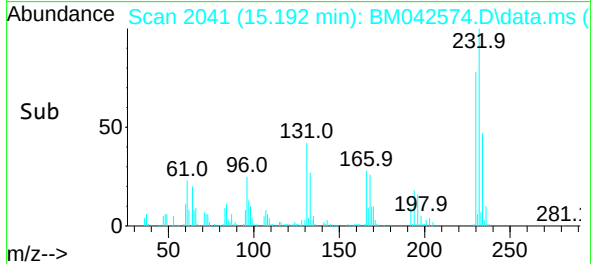
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



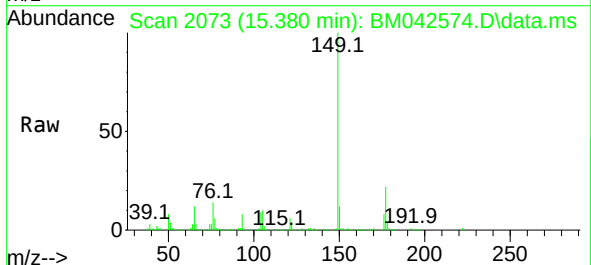
Tgt Ion:232 Resp: 121312
Ion Ratio Lower Upper
232 100
131 44.3 37.2 55.8
130 4.3 2.1 3.1
166 30.2 25.1 37.7

Manual Integrations
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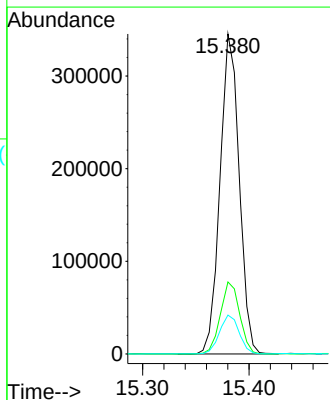
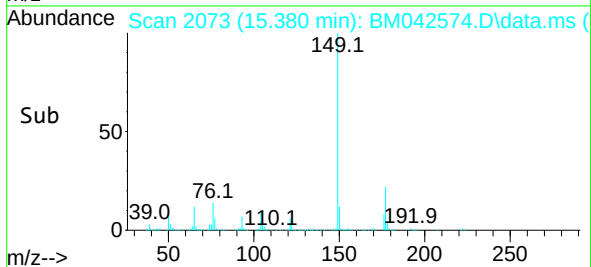
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

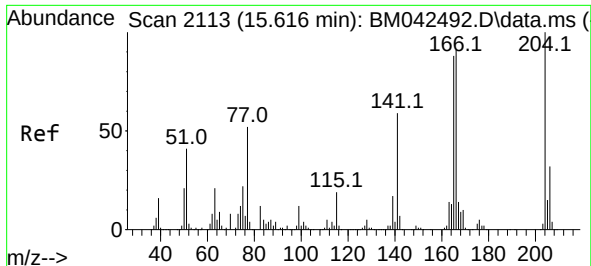


#60
Diethylphthalate
Concen: 50.765 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



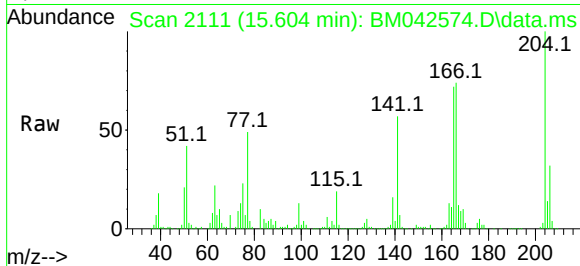
Tgt Ion:149 Resp: 431039
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 54.766 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

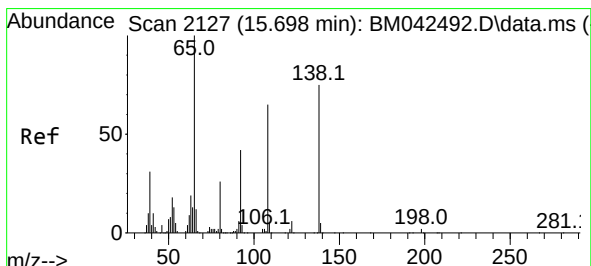
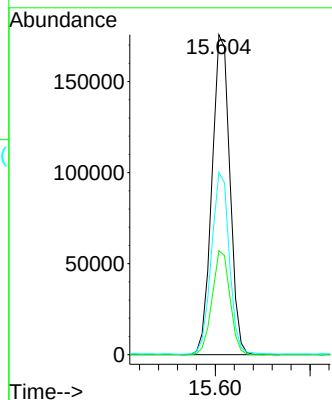
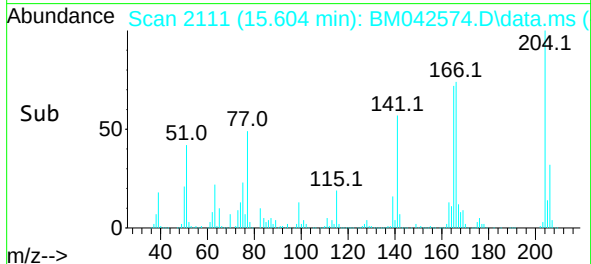
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



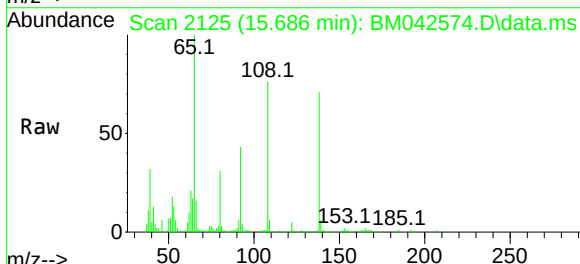
Tgt Ion:204 Resp: 230049
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 56.9 46.8 70.2

Manual Integrations
APPROVED

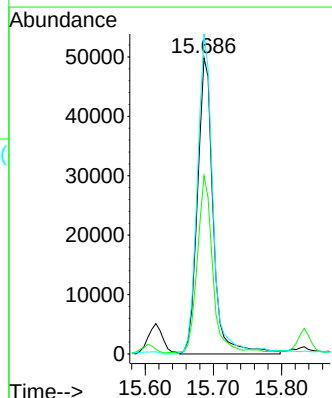
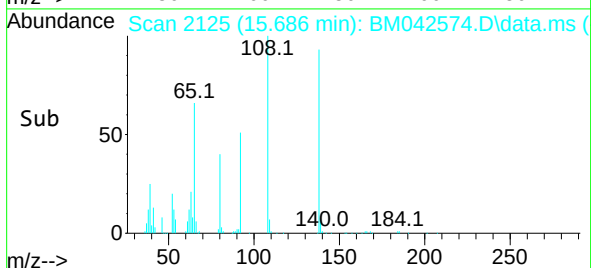
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

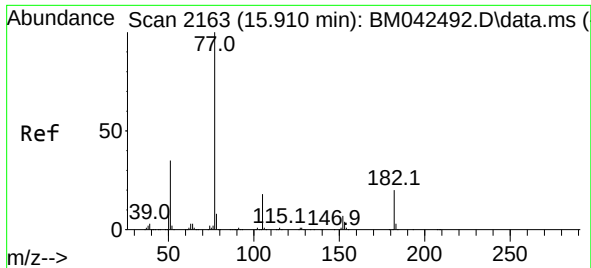


#62
4-Nitroaniline
Concen: 46.352 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



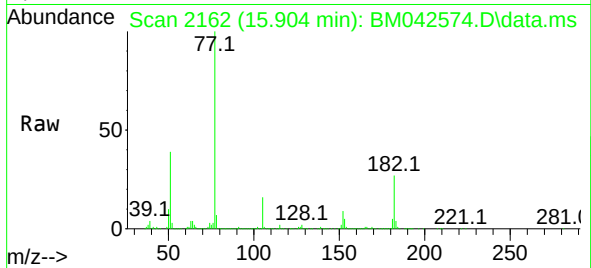
Tgt Ion:138 Resp: 79808
Ion Ratio Lower Upper
138 100
92 60.3 37.0 77.0
108 108.1 67.2 107.2#





#63
Azobenzene
Concen: 51.668 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

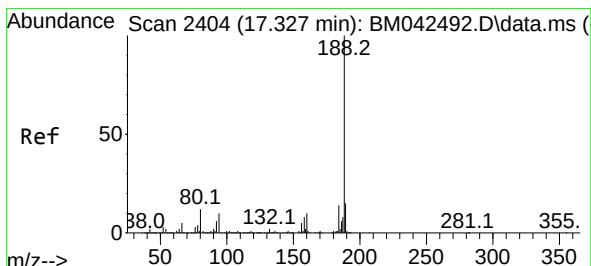
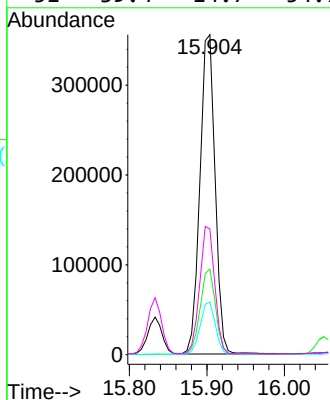
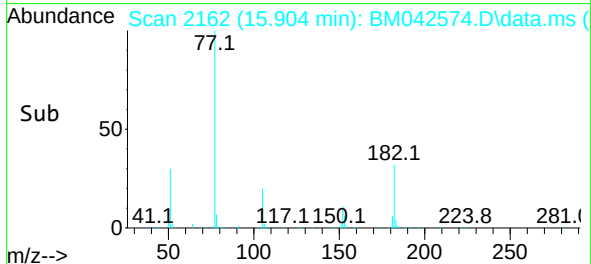
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



Tgt Ion: 77 Resp: 48344
Ion Ratio Lower Upper
77 100
182 26.8 0.0 40.0
105 16.4 0.0 37.9
51 39.4 14.7 54.7

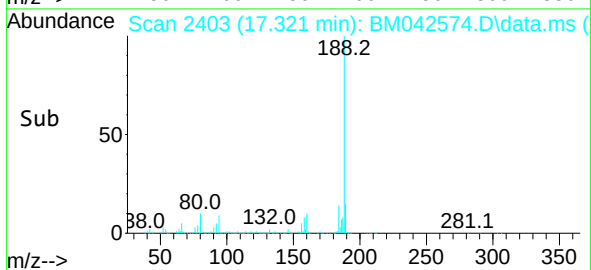
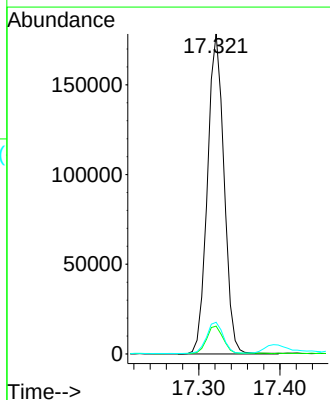
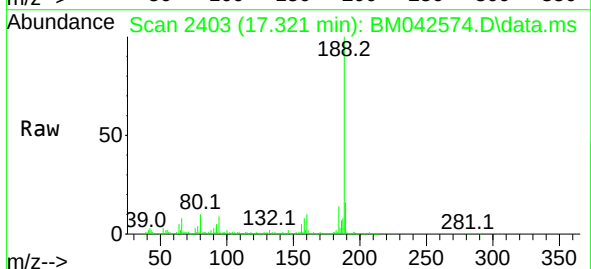
Manual Integrations
APPROVED

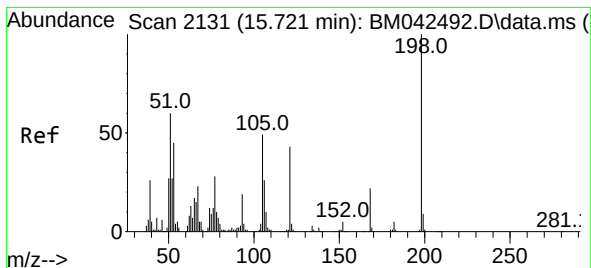
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

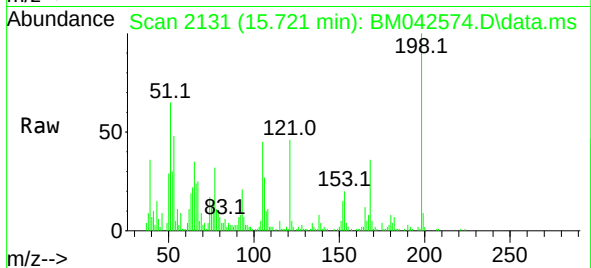
Tgt Ion:188 Resp: 252886
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 9.9 9.4 14.2





#65
4,6-Dinitro-2-methylphenol
Concen: 24.111 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

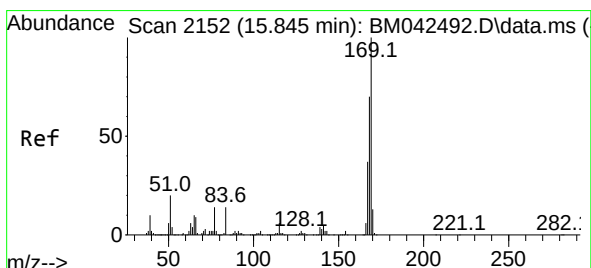
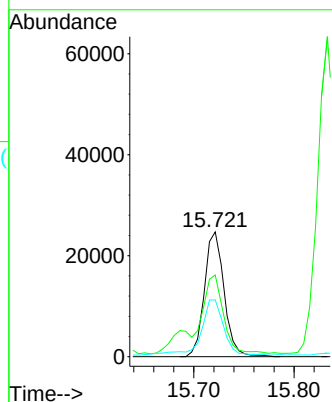
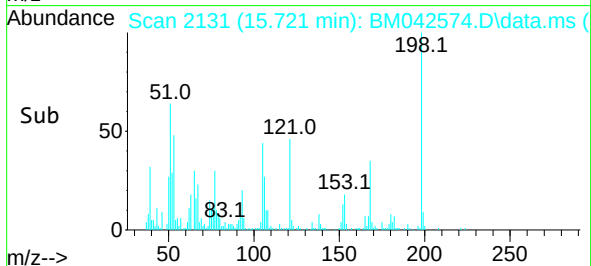
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



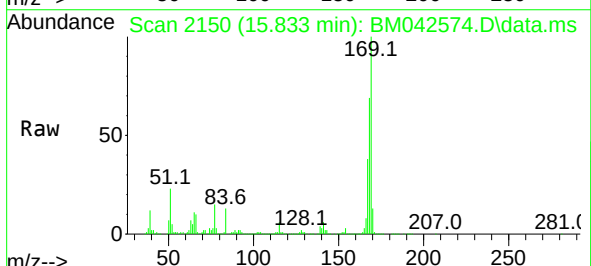
Tgt Ion:198 Resp: 33824
Ion Ratio Lower Upper
198 100
51 65.3 42.4 82.4
105 45.5 29.2 69.2

Manual Integrations
APPROVED

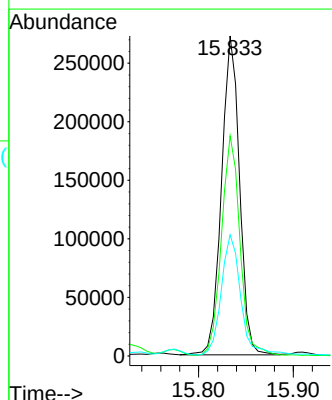
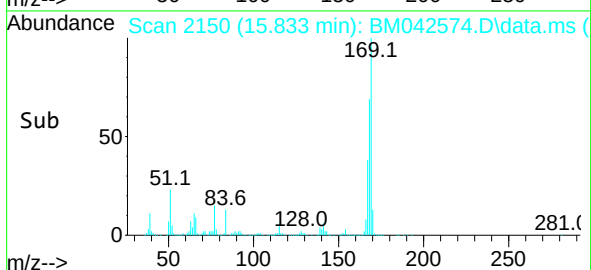
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

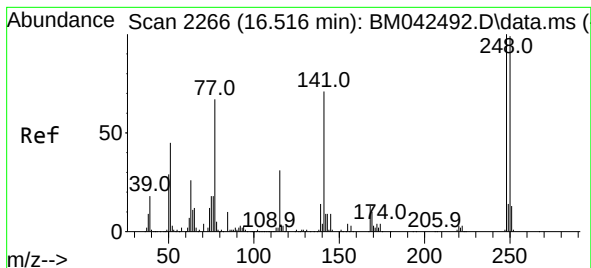


#66
n-Nitrosodiphenylamine
Concen: 50.585 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



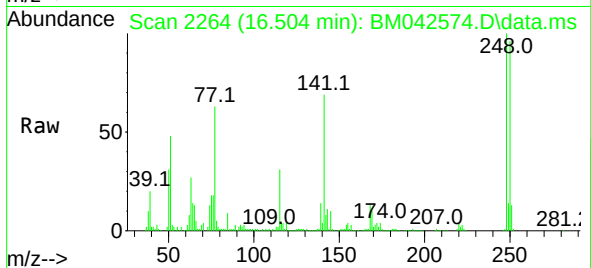
Tgt Ion:169 Resp: 360698
Ion Ratio Lower Upper
169 100
168 68.8 55.9 83.9
167 37.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 55.590 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

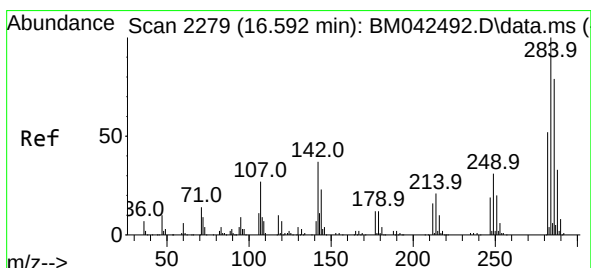
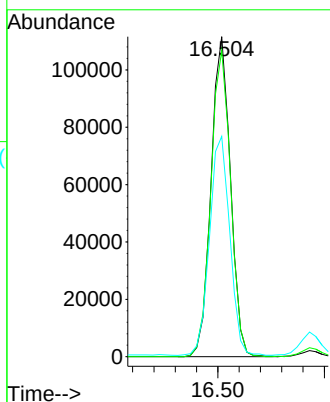
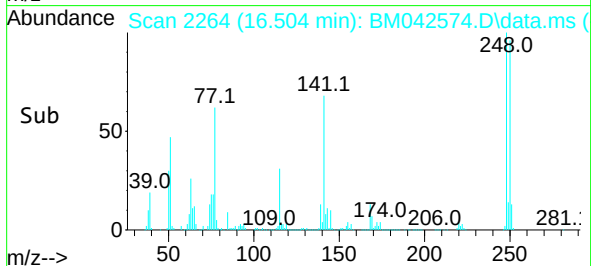
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



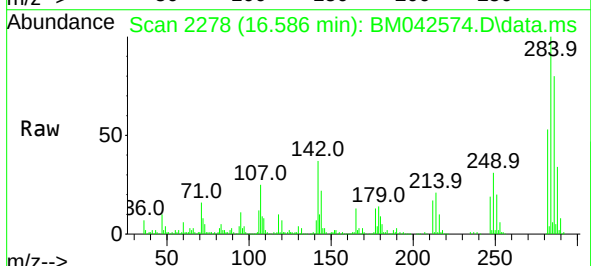
Tgt Ion:248 Resp: 140570
Ion Ratio Lower Upper
248 100
250 95.6 79.4 119.0
141 68.9 57.0 85.6

Manual Integrations
APPROVED

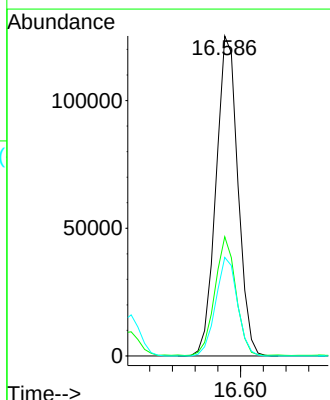
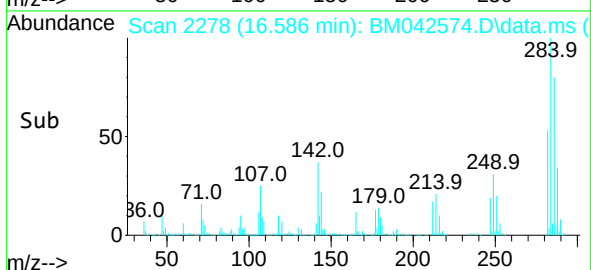
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

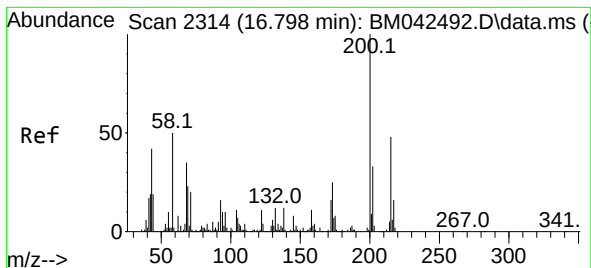


#68
Hexachlorobenzene
Concen: 59.901 ng
RT: 16.586 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:284 Resp: 167573
Ion Ratio Lower Upper
284 100
142 37.3 29.8 44.6
249 30.8 25.1 37.7





#69

Atrazine

Concen: 66.813 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion:200 Resp: 137660

Ion Ratio Lower Upper

200 100

173 24.2 5.4 45.4

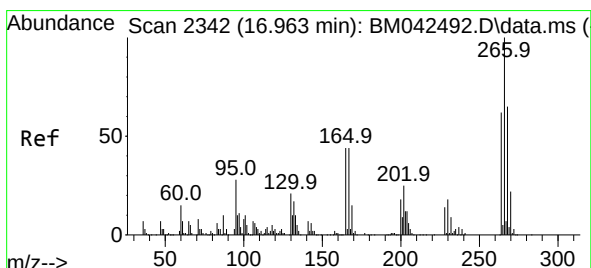
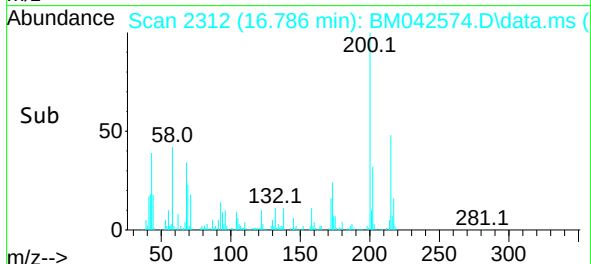
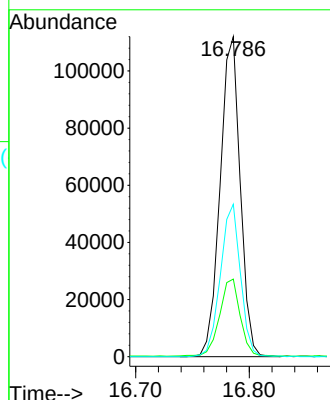
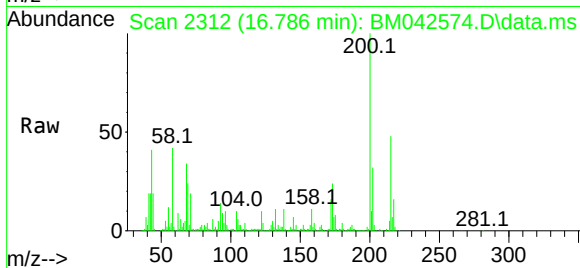
215 47.6 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#70

Pentachlorophenol

Concen: 109.387 ng

RT: 16.957 min Scan# 2341

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

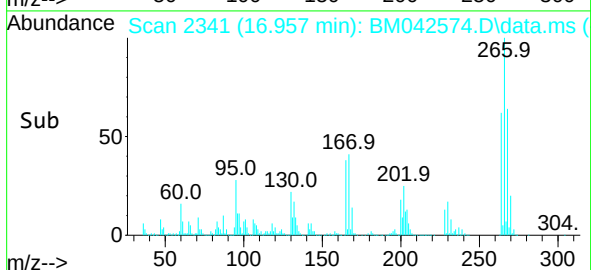
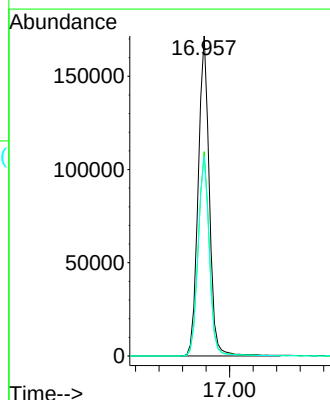
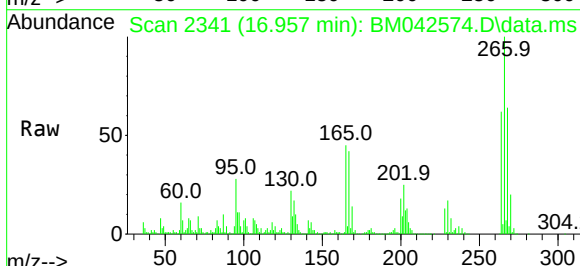
Tgt Ion:266 Resp: 224970

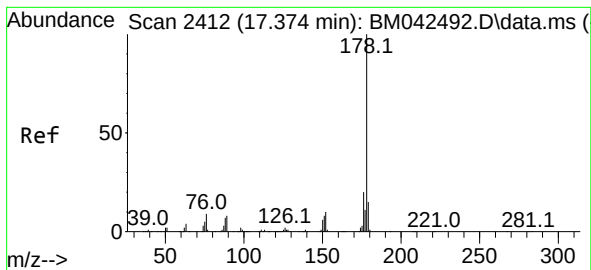
Ion Ratio Lower Upper

266 100

268 63.9 51.7 77.5

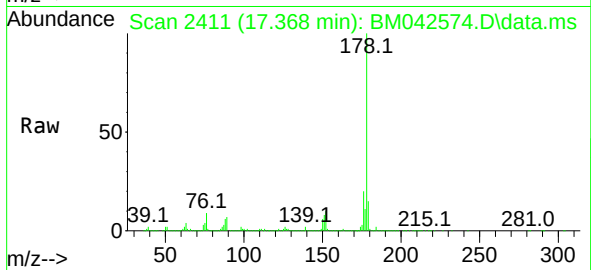
264 62.3 49.4 74.2





#71
Phenanthrene
Concen: 123.839 ng
RT: 17.368 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

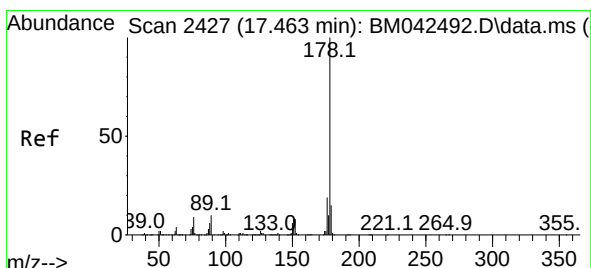
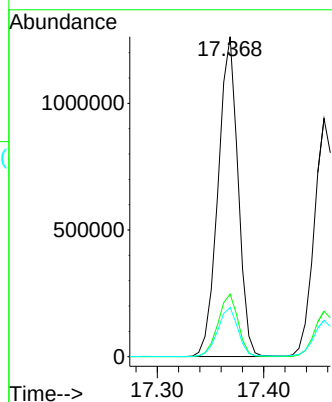
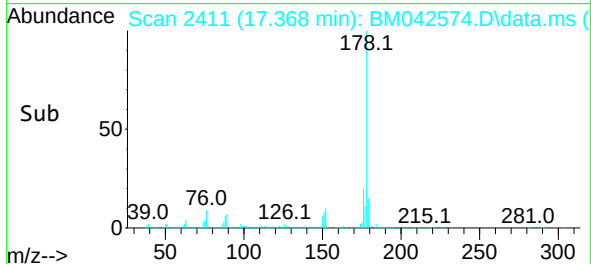
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



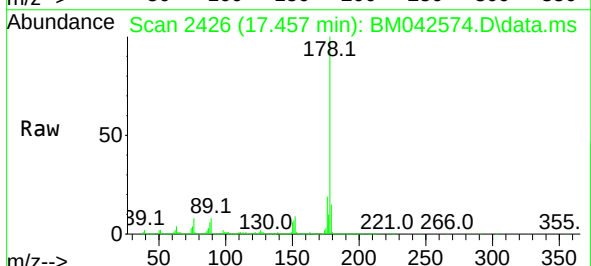
Tgt Ion:178 Resp: 1636610
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.4 12.2 18.4

Manual Integrations
APPROVED

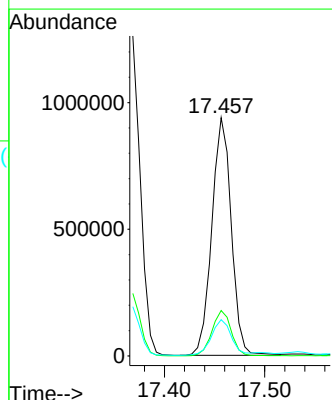
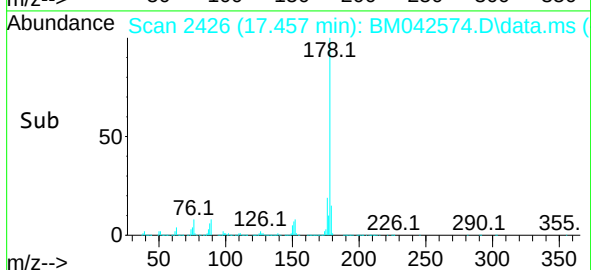
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

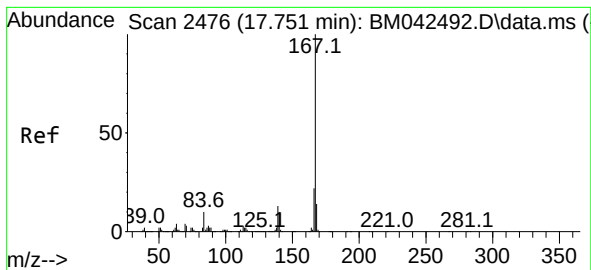


#72
Anthracene
Concen: 96.758 ng
RT: 17.457 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:178 Resp: 1266562
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.3 12.3 18.5





#73

Carbazole

Concen: 62.758 ng

RT: 17.745 min Scan# 2476

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion:167 Resp: 668300

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

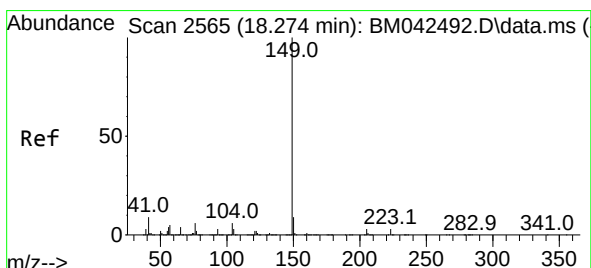
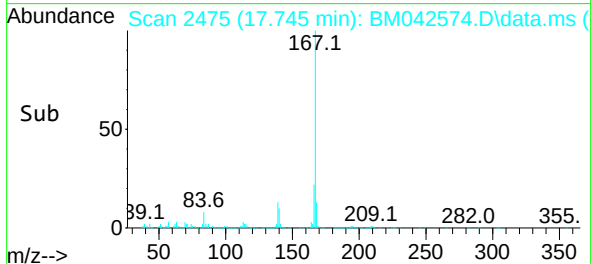
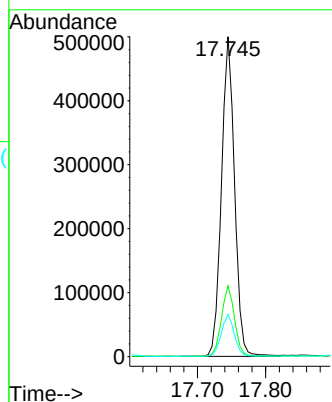
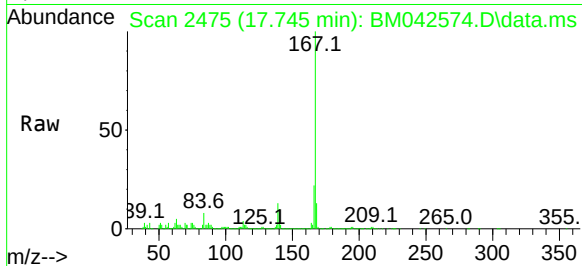
139 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#74

Di-n-butylphthalate

Concen: 55.911 ng

RT: 18.262 min Scan# 2563

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

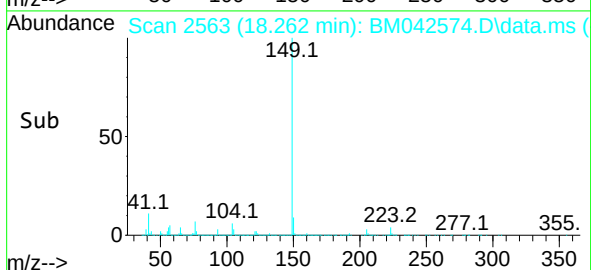
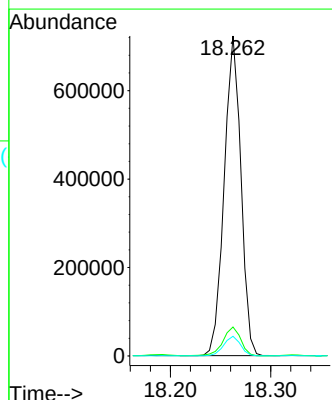
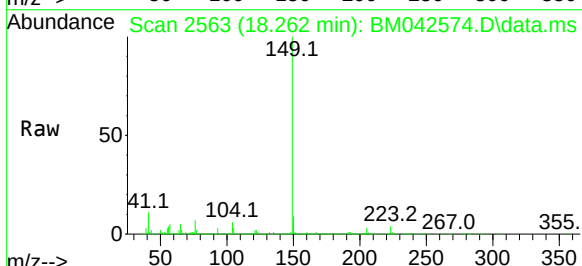
Tgt Ion:149 Resp: 836093

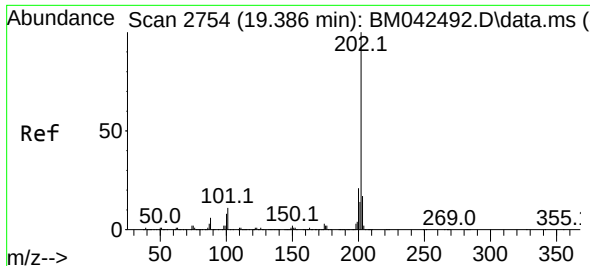
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

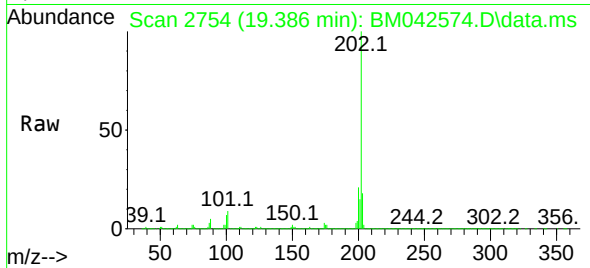
104 6.1 4.6 6.8





#75
Fluoranthene
Concen: 226.267 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

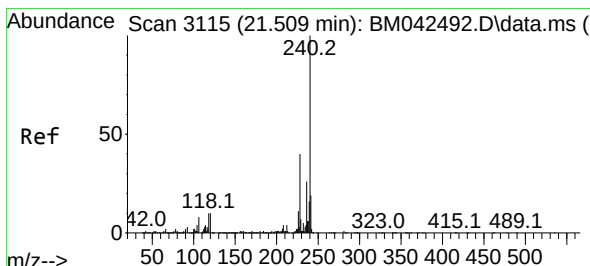
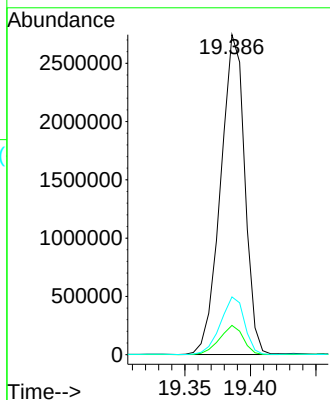
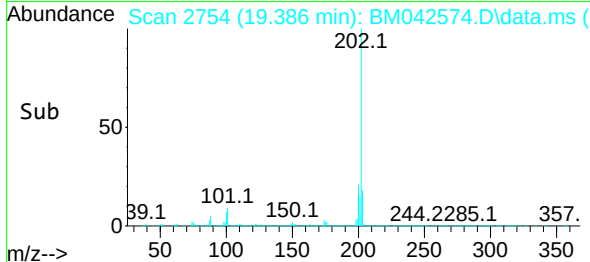
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



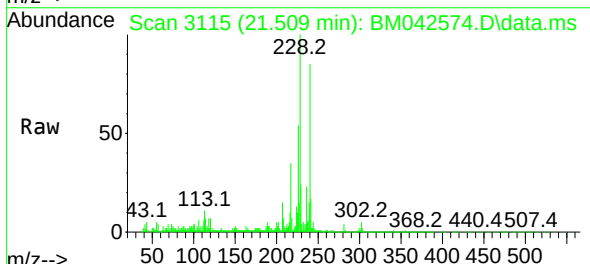
Tgt Ion:202 Resp: 351255
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.5
203 18.0 0.0 37.0

Manual Integrations
APPROVED

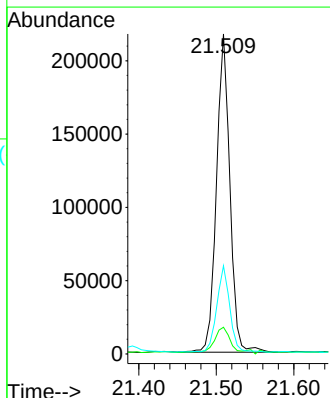
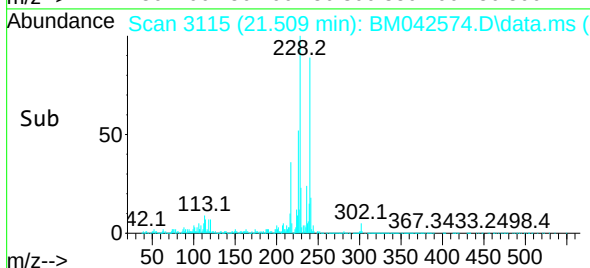
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

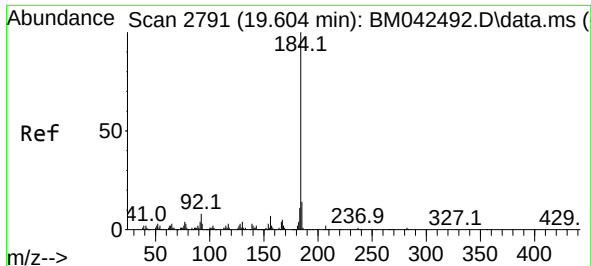


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:240 Resp: 259590
Ion Ratio Lower Upper
240 100
120 8.4 8.3 12.5
236 27.5 20.8 31.2





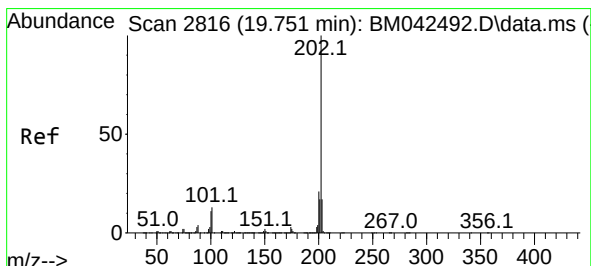
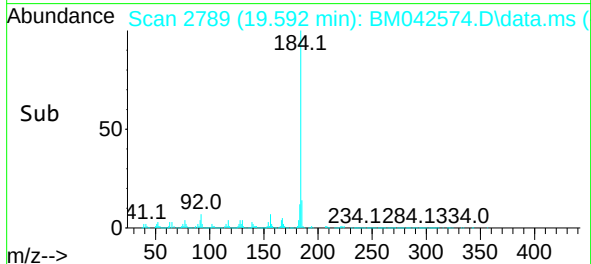
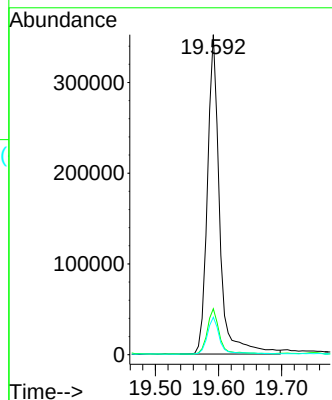
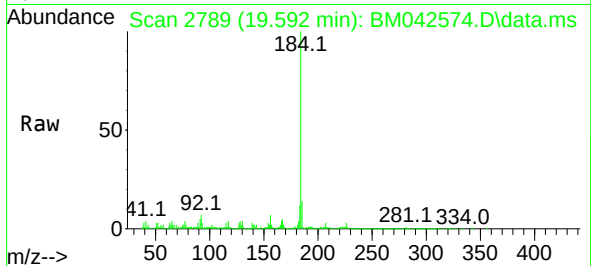
#77
Benzidine
Concen: 190.500 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:184 Resp: 47435
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 11.7 9.0 13.4

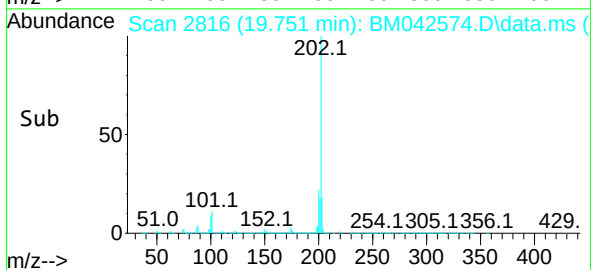
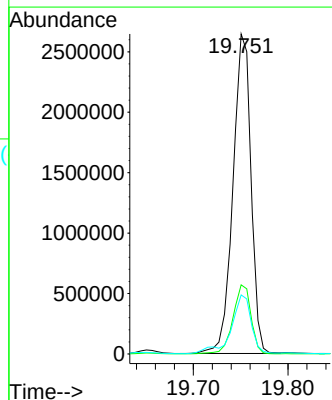
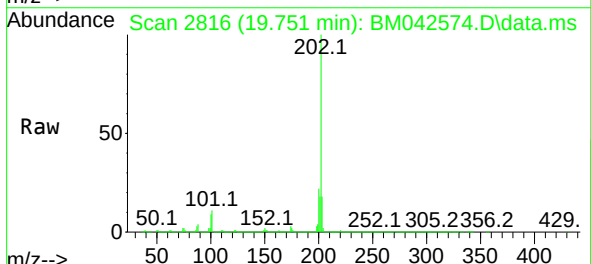
Manual Integrations
APPROVED

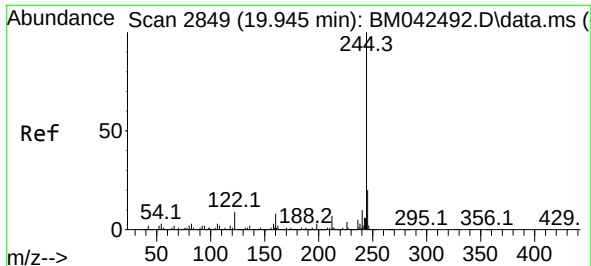
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#78
Pyrene
Concen: 196.461 ng
RT: 19.751 min Scan# 2816
Delta R.T. 0.011 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

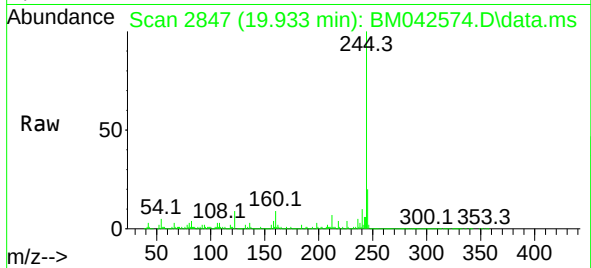
Tgt Ion:202 Resp: 3501945
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.5 13.7 20.5





#79
 Terphenyl-d14
 Concen: 55.180 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042574.D
 Acq: 03 Nov 2023 17:23

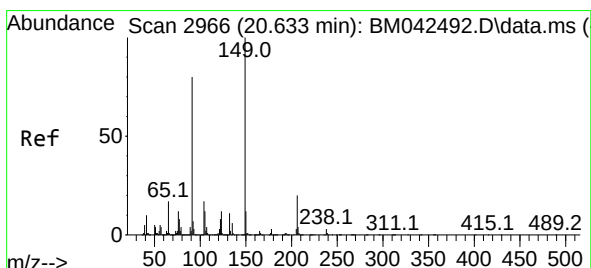
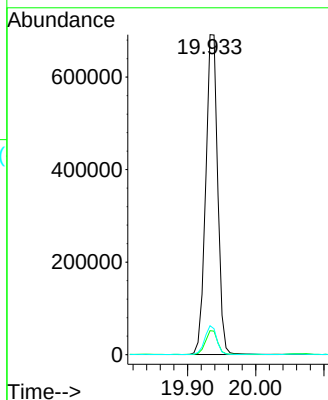
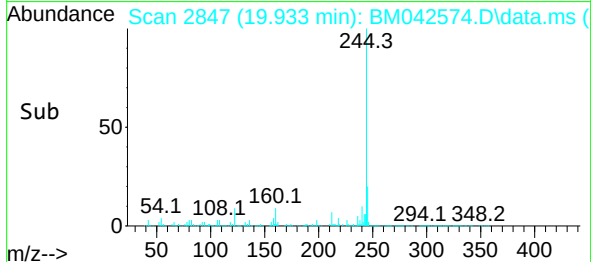
Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)MS



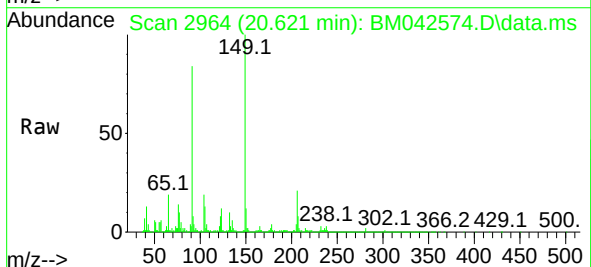
Tgt Ion:244 Resp: 844788
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 9.1 7.2 10.8

Manual Integrations
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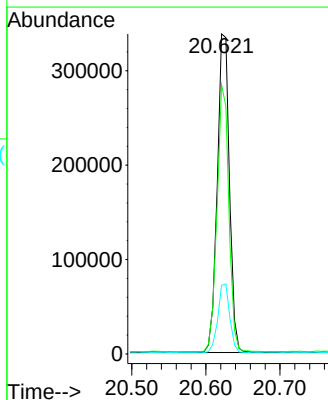
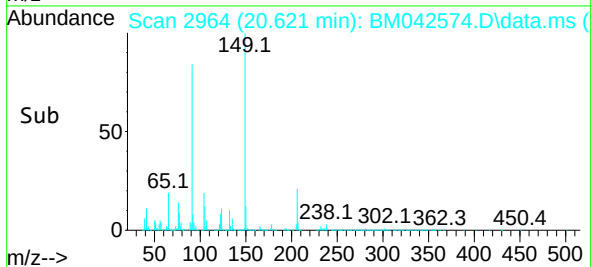
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

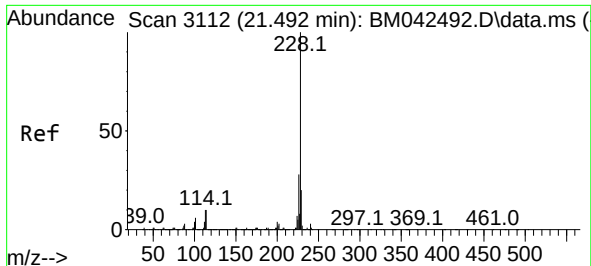


#80
 Butylbenzylphthalate
 Concen: 50.964 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.000 min
 Lab File: BM042574.D
 Acq: 03 Nov 2023 17:23



Tgt Ion:149 Resp: 388003
 Ion Ratio Lower Upper
 149 100
 91 84.1 64.2 96.4
 206 21.4 16.1 24.1





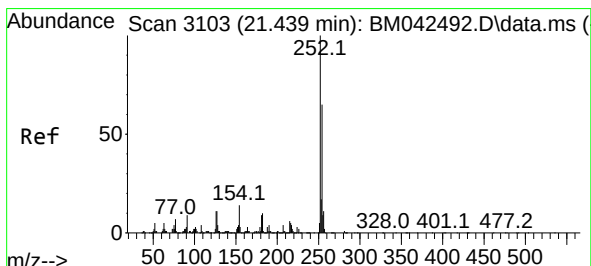
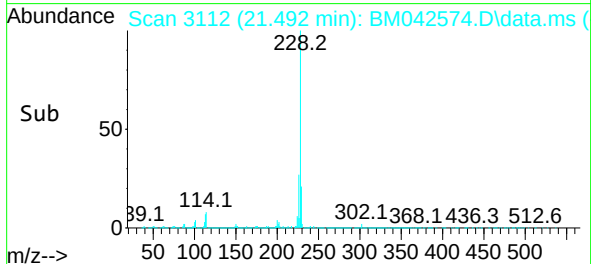
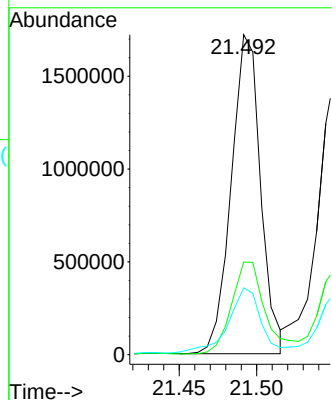
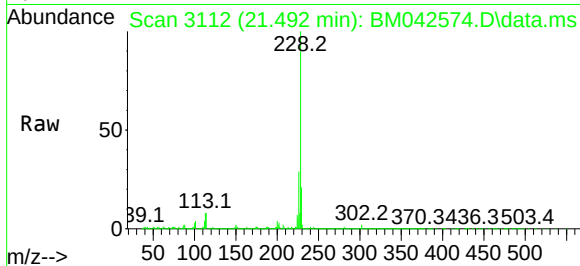
#81
Benzo(a)anthracene
Concen: 136.970 ng
RT: 21.492 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:228 Resp: 226226
Ion Ratio Lower Upper
228 100
226 29.0 22.3 33.5
229 20.9 15.8 23.8

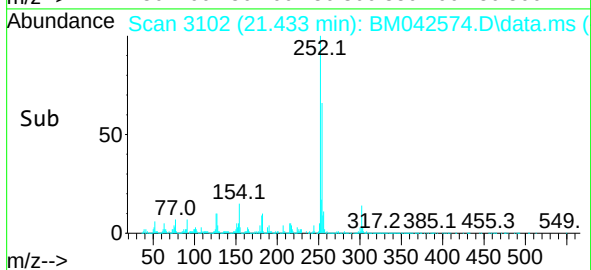
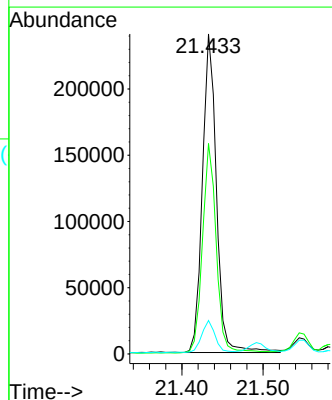
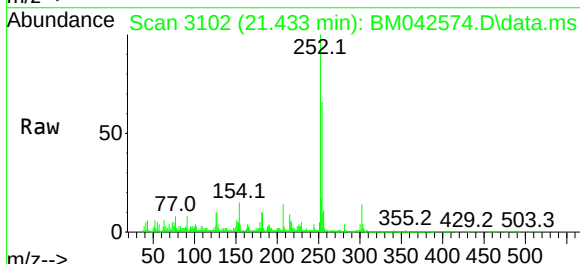
Manual Integrations
APPROVED

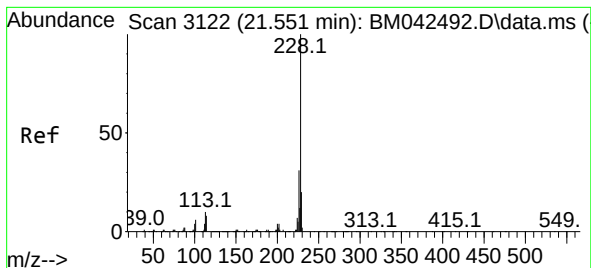
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#82
3,3'-Dichlorobenzidine
Concen: 54.963 ng
RT: 21.433 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:252 Resp: 288509
Ion Ratio Lower Upper
252 100
254 65.7 52.2 78.4
126 10.4 8.9 13.3





#83

Chrysene

Concen: 113.128 ng

RT: 21.550 min Scan# 3122

Delta R.T. 0.011 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion:228 Resp: 1897978

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

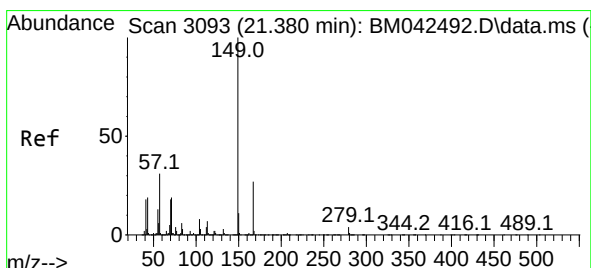
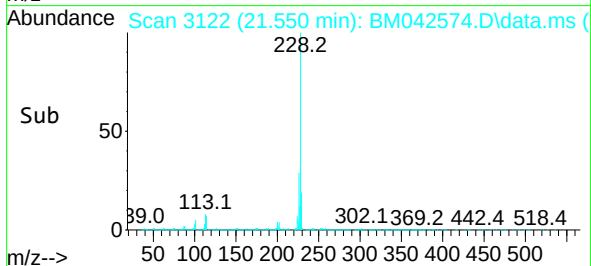
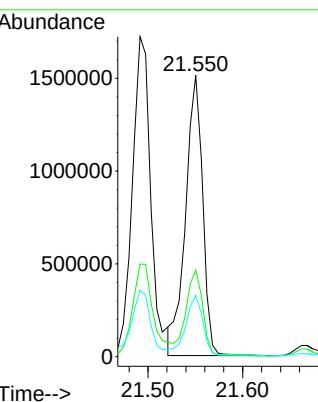
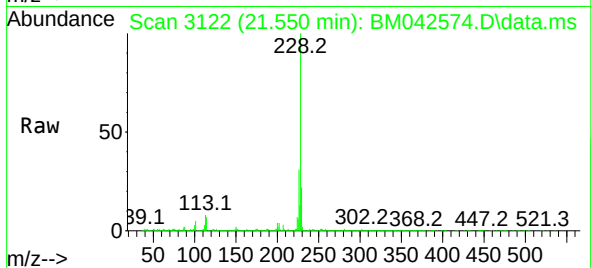
229 21.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.020 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

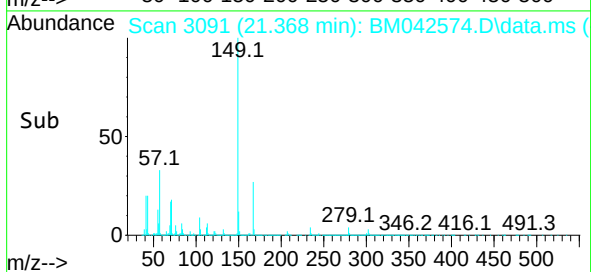
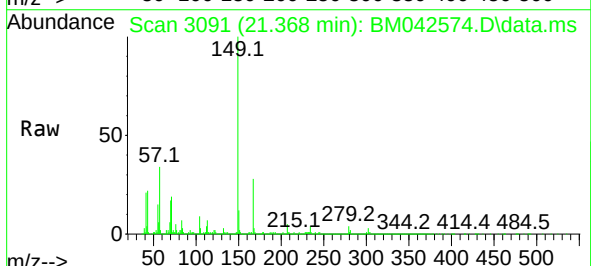
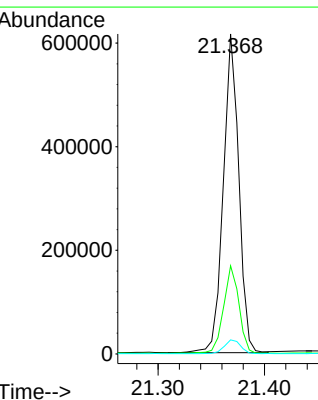
Tgt Ion:149 Resp: 621551

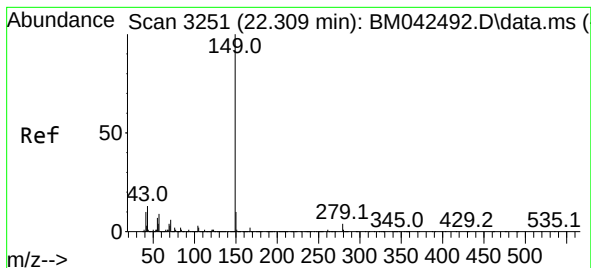
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

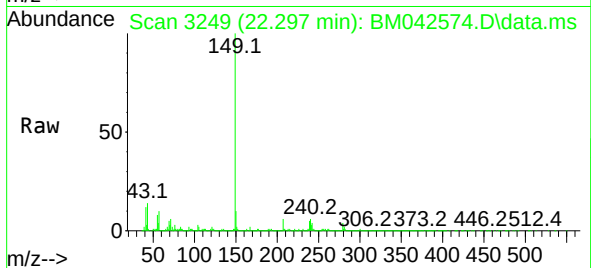
279 4.4 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 49.645 ng
RT: 22.297 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

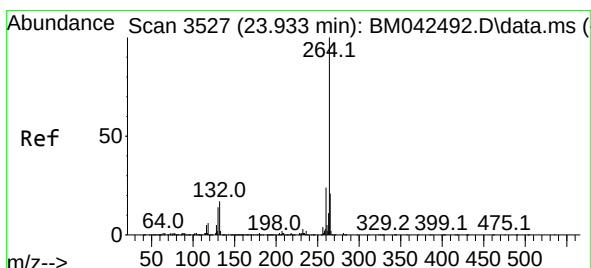
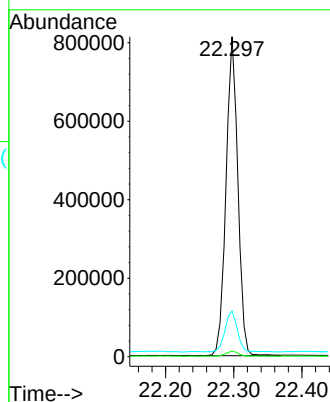
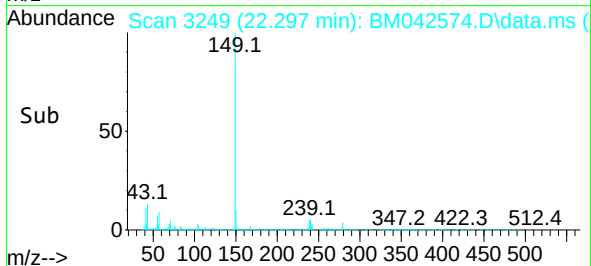
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS



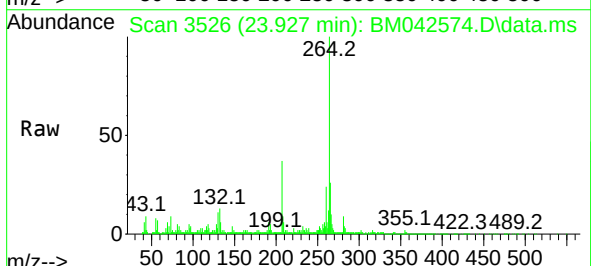
Tgt Ion:149 Resp: 983199
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.4 10.2 15.2

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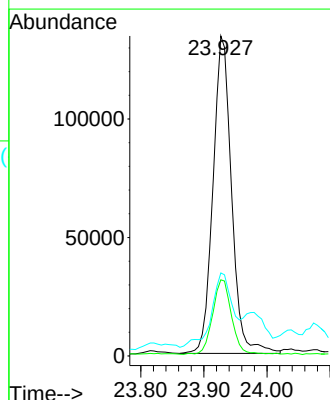
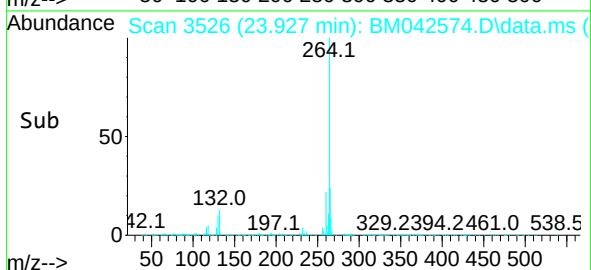
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

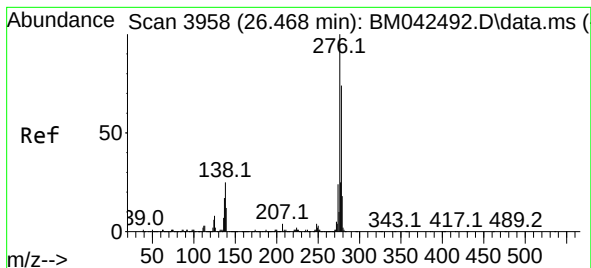


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. 0.011 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23



Tgt Ion:264 Resp: 274224
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 26.0 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 96.900 ng

RT: 26.485 min Scan# 3958

Delta R.T. 0.035 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MS

Tgt Ion:276 Resp: 1581518

Ion Ratio Lower Upper

276 100

138 18.0 20.6 31.0

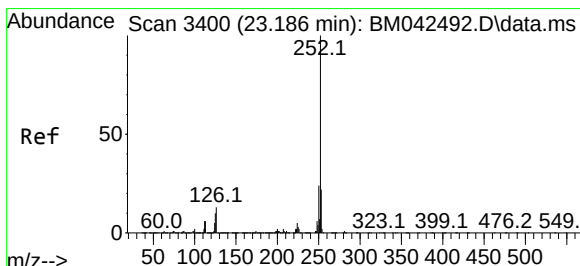
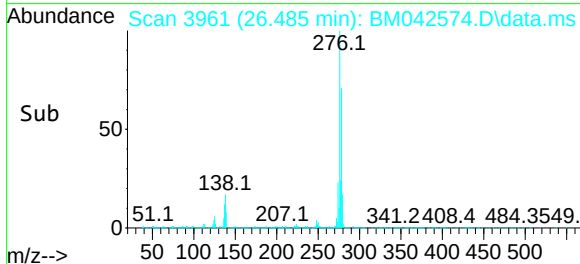
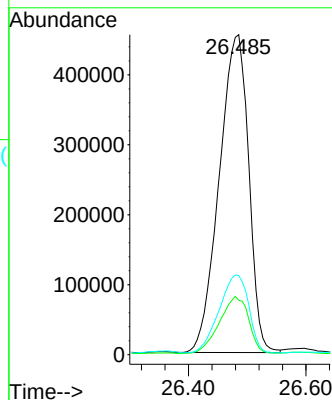
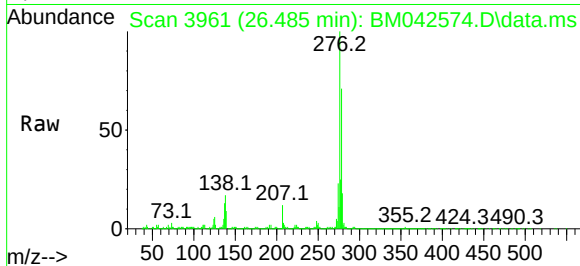
277 24.6 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#88

Benzo(b)fluoranthene

Concen: 138.285 ng

RT: 23.191 min Scan# 3401

Delta R.T. 0.017 min

Lab File: BM042574.D

Acq: 03 Nov 2023 17:23

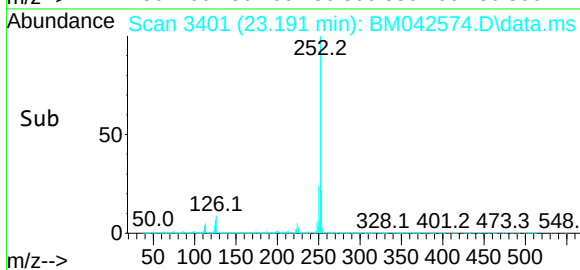
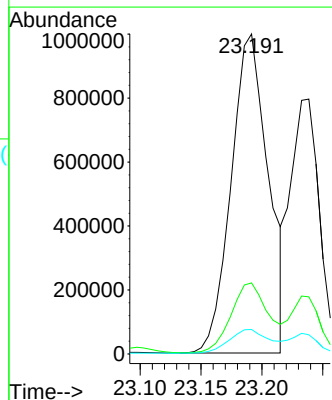
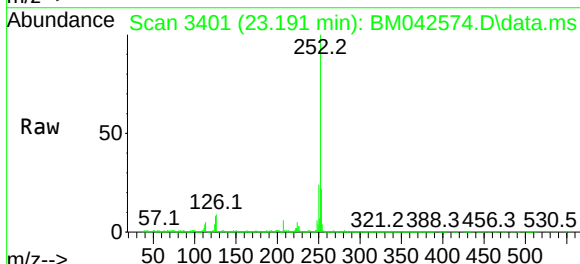
Tgt Ion:252 Resp: 2112663

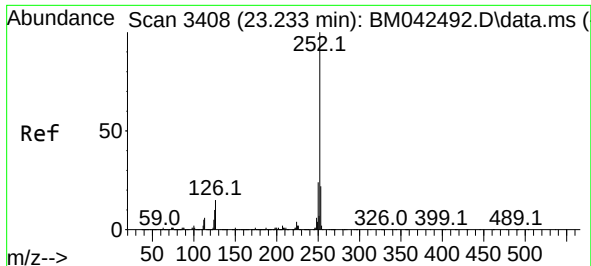
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 7.6 7.8 11.6





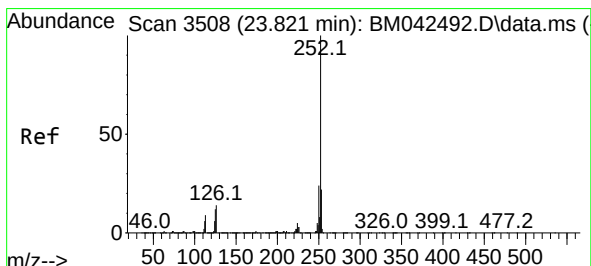
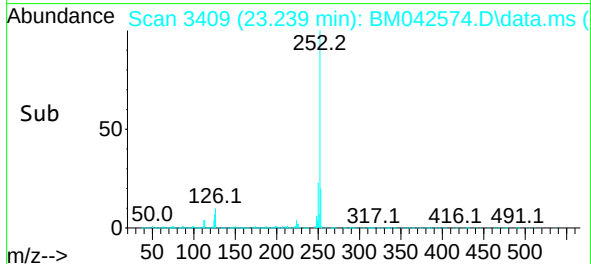
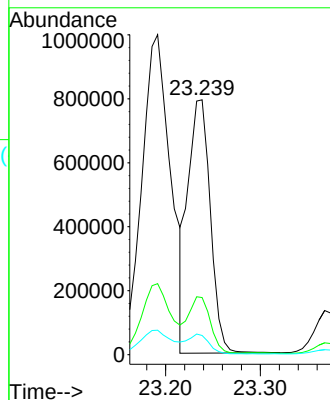
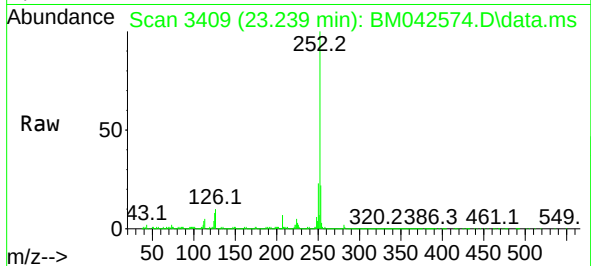
#89
Benzo(k)fluoranthene
Concen: 76.740 ng
RT: 23.239 min Scan# 3408
Delta R.T. 0.017 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:252 Resp: 1306420
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 7.5 8.2 12.4

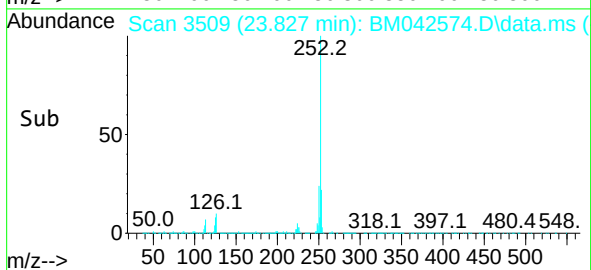
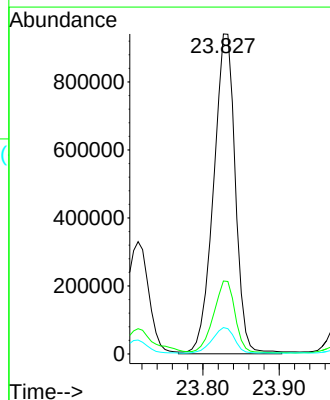
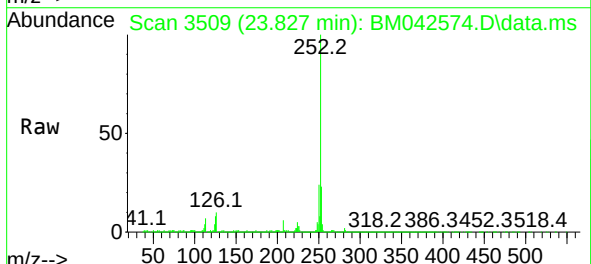
Manual Integrations
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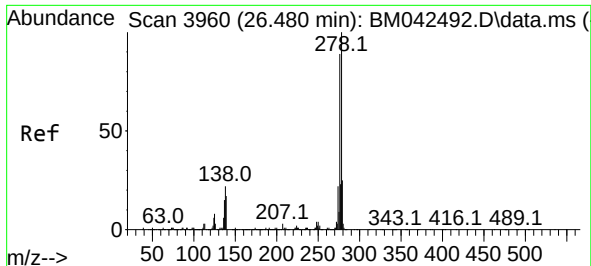
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#90
Benzo(a)pyrene
Concen: 124.063 ng m
RT: 23.827 min Scan# 3509
Delta R.T. 0.017 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:252 Resp: 1866047
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 8.3 9.4 14.2





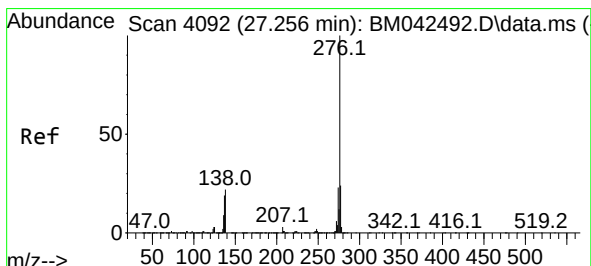
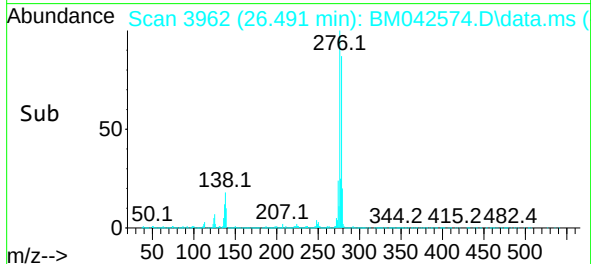
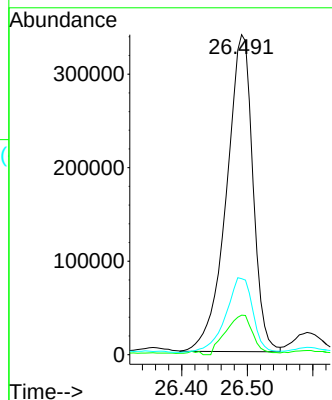
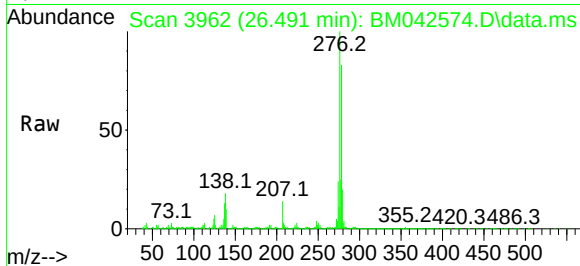
#91
Dibenzo(a,h)anthracene
Concen: 61.853 ng
RT: 26.491 min Scan# 3960
Delta R.T. 0.023 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Tgt Ion:278 Resp: 95165
Ion Ratio Lower Upper
278 100
139 12.4 13.4 20.2
279 23.8 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#92
Benzo(g,h,i)perylene
Concen: 94.029 ng
RT: 27.285 min Scan# 4097
Delta R.T. 0.041 min
Lab File: BM042574.D
Acq: 03 Nov 2023 17:23

Tgt Ion:276 Resp: 1352591
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 16.6 17.3 25.9#

