

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041332.D
 Acq On : 08 Aug 2023 17:21
 Operator : MA/JU
 Sample : PB154698BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154698BS

Manual Integrations
 APPROVED

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

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	142987	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	569192	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	329262	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	619495	20.000	ng	0.00
76) Chrysene-d12	21.415	240	430569	20.000	ng	0.00
86) Perylene-d12	23.780	264	455892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1273243	133.087	ng	0.00
7) Phenol-d6	6.969	99	1608051	129.670	ng	0.00
23) Nitrobenzene-d5	8.963	82	1044967	85.377	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	626230	134.464	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2282836	87.583	ng	0.00
79) Terphenyl-d14	19.850	244	2665313	111.922	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	132608	32.401	ng	98
3) Pyridine	3.657	79	352047	32.715	ng	99
4) n-Nitrosodimethylamine	3.575	42	202999	40.788	ng	96
6) Aniline	7.122	93	535503	36.898	ng	99
8) 2-Chlorophenol	7.345	128	474927	50.850	ng	99
9) Benzaldehyde	6.934	77	265949m	40.643	ng	
10) Phenol	6.992	94	602731	50.322	ng	95
11) bis(2-Chloroethyl)ether	7.216	93	459176	47.361	ng	97
12) 1,3-Dichlorobenzene	7.669	146	497259	48.912	ng	99
13) 1,4-Dichlorobenzene	7.816	146	512982	50.201	ng	99
14) 1,2-Dichlorobenzene	8.134	146	496977	50.723	ng	99
15) Benzyl Alcohol	8.039	79	443594	56.642	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	580540	44.941	ng	96
17) 2-Methylphenol	8.245	107	400300	48.919	ng	98
18) Hexachloroethane	8.851	117	195628	51.423	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	382314	50.756	ng	98
20) 3+4-Methylphenols	8.575	107	538436	49.212	ng	97
22) Acetophenone	8.622	105	709649	47.076	ng	# 99
24) Nitrobenzene	9.004	77	560983	45.323	ng	99
25) Isophorone	9.528	82	1008807	48.555	ng	99
26) 2-Nitrophenol	9.710	139	258594	53.443	ng	97
27) 2,4-Dimethylphenol	9.775	122	403625	47.405	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	610675	46.923	ng	99
29) 2,4-Dichlorophenol	10.245	162	453246	52.787	ng	100
30) 1,2,4-Trichlorobenzene	10.451	180	484134	51.033	ng	98
31) Naphthalene	10.639	128	1403894	45.452	ng	99
32) Benzoic acid	9.969	122	316825	49.314	ng	98
33) 4-Chloroaniline	10.769	127	219335	17.769	ng	99
34) Hexachlorobutadiene	10.904	225	310330	54.391	ng	100
35) Caprolactam	11.598	113	123367	49.667	ng	88
36) 4-Chloro-3-methylphenol	11.904	107	456492	50.511	ng	99
37) 2-Methylnaphthalene	12.257	142	959137	46.060	ng	99
38) 1-Methylnaphthalene	12.480	142	913222	46.856	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	533164	49.868	ng	98
41) Hexachlorocyclopentadiene	12.592	237	643259	113.724	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	364669	53.216	ng	99

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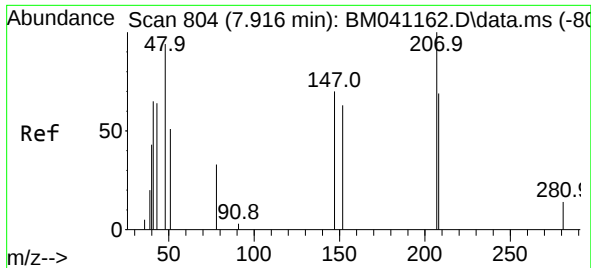
Manual Integrations
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Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	381184	48.060	ng	98
46) 1,1'-Biphenyl	13.280	154	1252368	46.918	ng	99
47) 2-Chloronaphthalene	13.321	162	969927	48.665	ng	99
48) 2-Nitroaniline	13.551	65	300918	47.300	ng	98
49) Acenaphthylene	14.174	152	1536625	47.766	ng	100
50) Dimethylphthalate	13.921	163	1175205	47.449	ng	99
51) 2,6-Dinitrotoluene	14.051	165	255996	49.884	ng	98
52) Acenaphthene	14.515	154	885103	45.671	ng	100
53) 3-Nitroaniline	14.386	138	181862	31.557	ng	93
54) 2,4-Dinitrophenol	14.604	184	315359	90.196	ng	90
55) Dibenzofuran	14.851	168	1429945	45.224	ng	99
56) 4-Nitrophenol	14.704	139	373462	87.319	ng	95
57) 2,4-Dinitrotoluene	14.845	165	336198	45.993	ng	95
58) Fluorene	15.504	166	1127150	45.187	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	324618	50.543	ng	97
60) Diethylphthalate	15.286	149	1146001	47.847	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	602696	48.217	ng	98
62) 4-Nitroaniline	15.557	138	208959	39.026	ng	94
63) Azobenzene	15.792	77	1177323	44.874	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	194838	51.917	ng	92
66) n-Nitrosodiphenylamine	15.721	169	948252	49.217	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	355493	52.338	ng	99
68) Hexachlorobenzene	16.509	284	411626	54.500	ng	96
69) Atrazine	16.686	200	327889	64.804	ng	98
70) Pentachlorophenol	16.862	266	445353	85.155	ng	99
71) Phenanthrene	17.251	178	1588065	46.139	ng	100
72) Anthracene	17.345	178	1613125	47.387	ng	100
73) Carbazole	17.627	167	1374768	44.619	ng	100
74) Di-n-butylphthalate	18.186	149	1784679	51.259	ng	100
75) Fluoranthene	19.280	202	1660412	42.938	ng	99
77) Benzidine	19.480	184	515456	87.833	ng	100
78) Pyrene	19.645	202	1690332	56.138	ng	100
80) Butylbenzylphthalate	20.550	149	653264	59.411	ng	96
81) Benzo(a)anthracene	21.403	228	1429803	48.984	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	417803	43.865	ng	98
83) Chrysene	21.456	228	1315886	46.608	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	907179	51.743	ng	98
85) Di-n-octyl phthalate	22.239	149	1452997	52.285	ng	96
87) Indeno(1,2,3-cd)pyrene	26.238	276	1684046	50.243	ng	96
88) Benzo(b)fluoranthene	23.068	252	1331884	49.178	ng	98
89) Benzo(k)fluoranthene	23.115	252	1316397	47.518	ng	99
90) Benzo(a)pyrene	23.680	252	1188601	45.675	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1417954	50.720	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1343448	49.111	ng	97

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



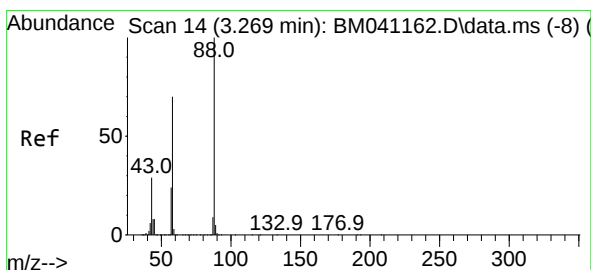
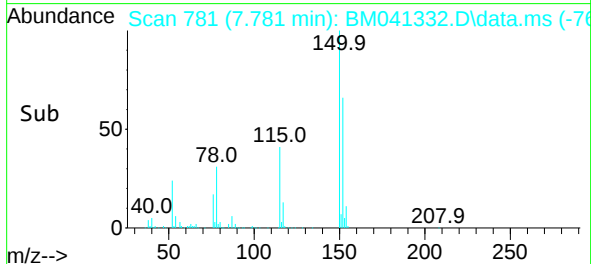
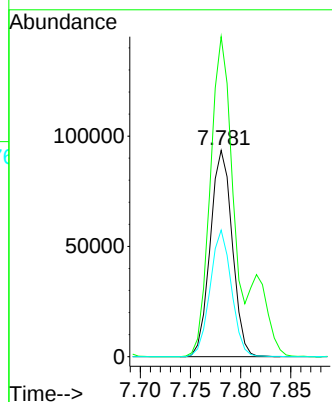
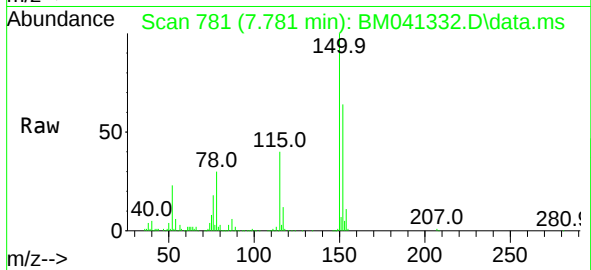
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion:152 Resp: 14298
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 61.3 48.0 72.0

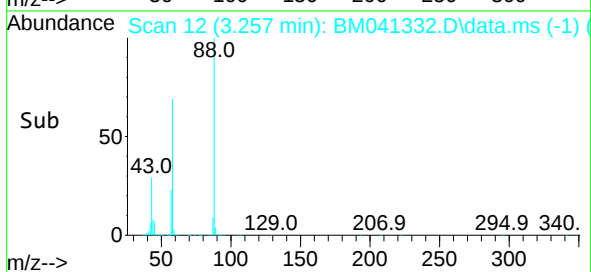
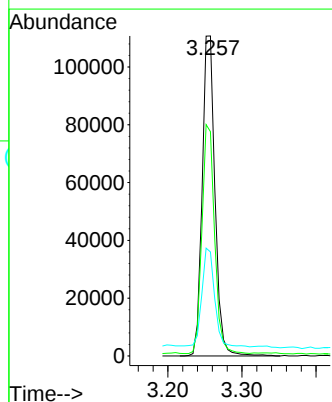
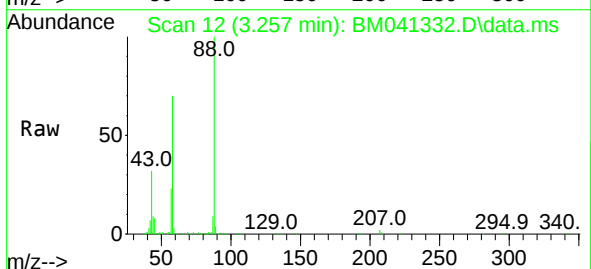
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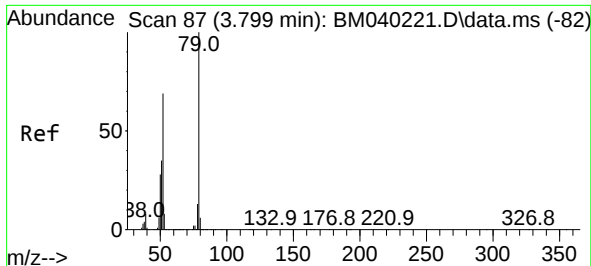
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#2
1,4-Dioxane
Concen: 32.401 ng
RT: 3.257 min Scan# 12
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion: 88 Resp: 132608
Ion Ratio Lower Upper
88 100
58 70.7 58.2 87.4
43 30.6 24.4 36.6





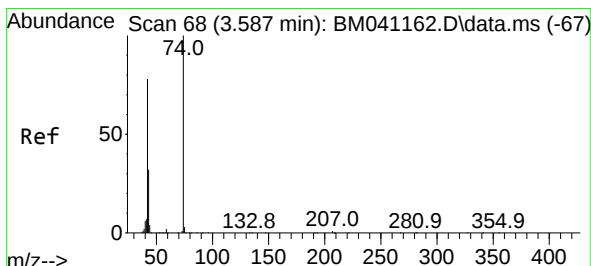
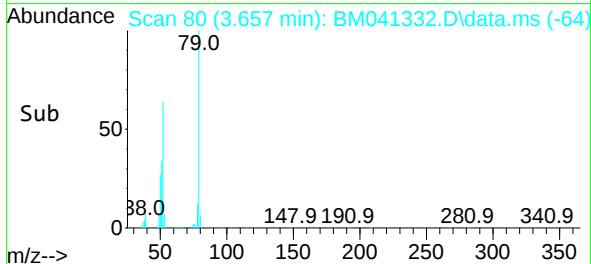
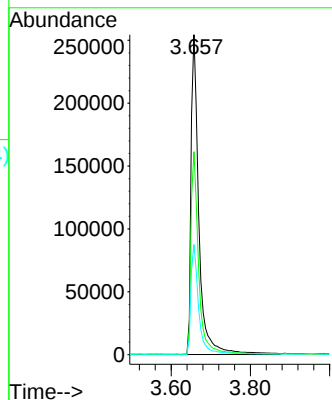
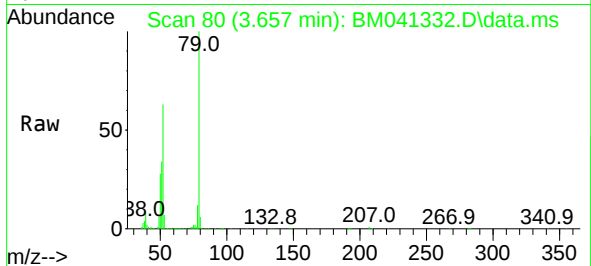
#3
Pyridine
Concen: 32.715 ng
RT: 3.657 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion: 79 Resp: 35204
Ion Ratio Lower Upper
79 100
52 63.4 52.1 78.1
51 34.4 27.5 41.3

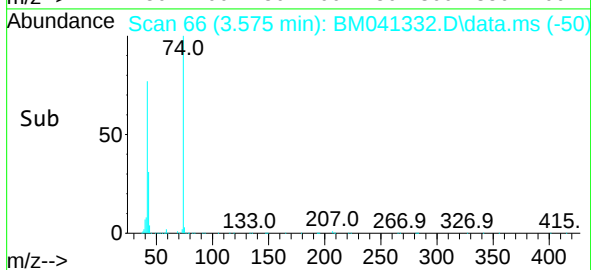
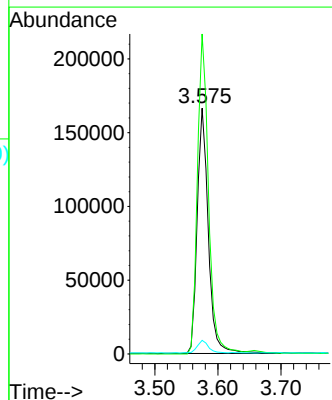
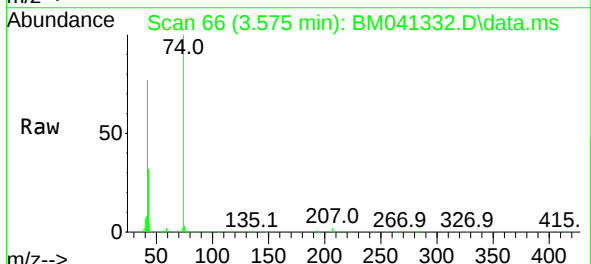
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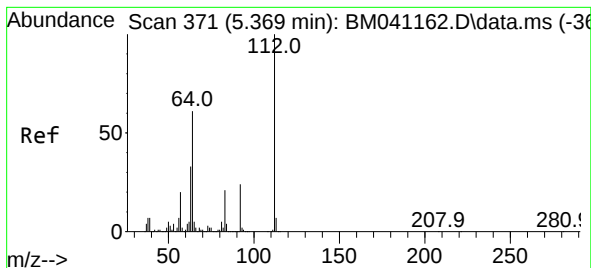
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#4
n-Nitrosodimethylamine
Concen: 40.788 ng
RT: 3.575 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

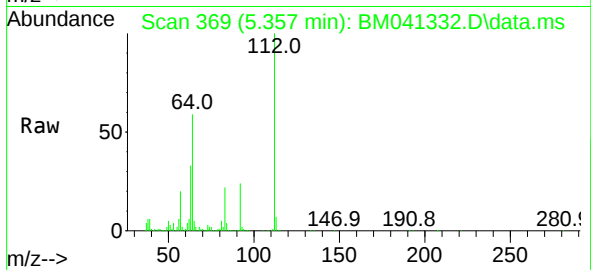
Tgt Ion: 42 Resp: 202999
Ion Ratio Lower Upper
42 100
74 130.2 100.8 151.2
44 5.6 5.0 7.4





#5
2-Fluorophenol
Concen: 133.087 ng
RT: 5.357 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

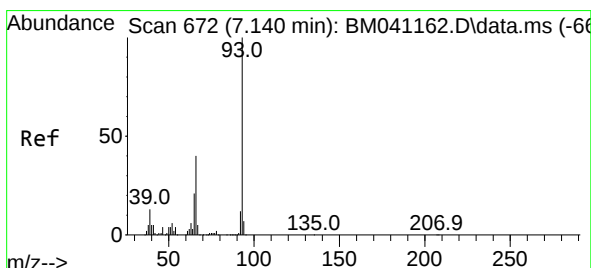
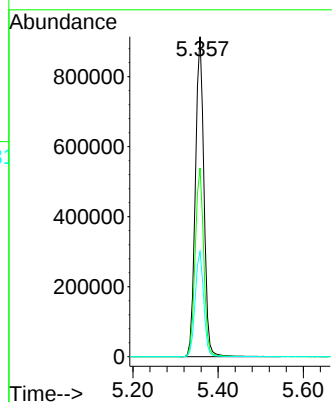
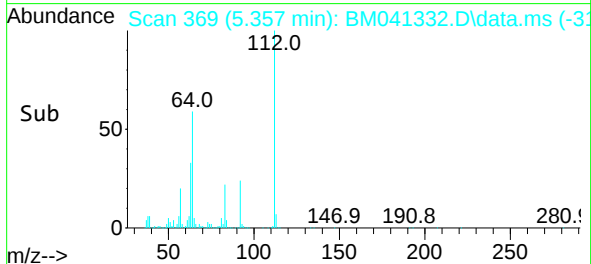
Instrument :
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Tgt Ion:112 Resp: 127324
Ion Ratio Lower Upper
112 100
64 58.9 48.5 72.7
63 32.9 26.5 39.7

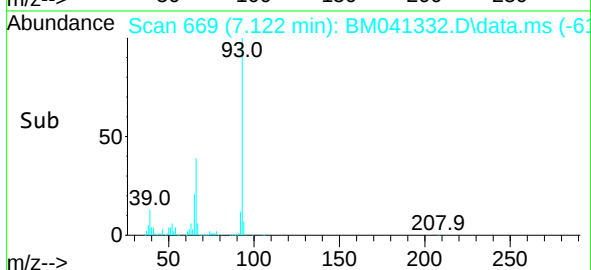
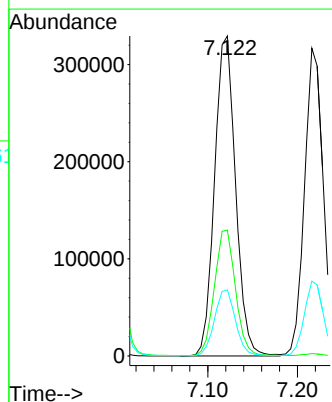
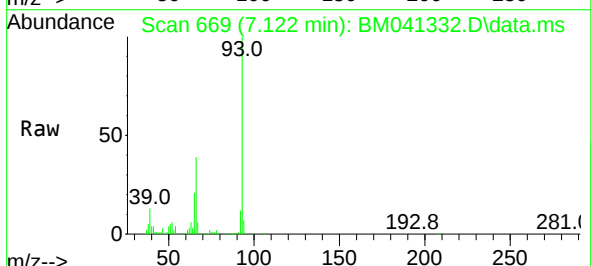
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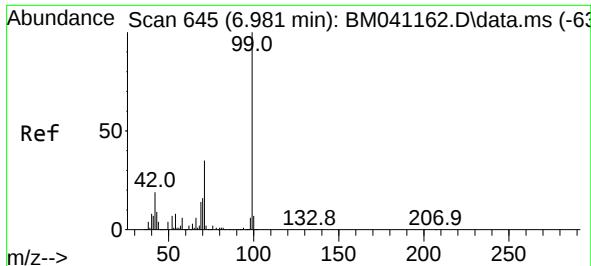
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#6
Aniline
Concen: 36.898 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion: 93 Resp: 535503
Ion Ratio Lower Upper
93 100
66 39.4 32.0 48.0
65 20.7 16.6 24.8





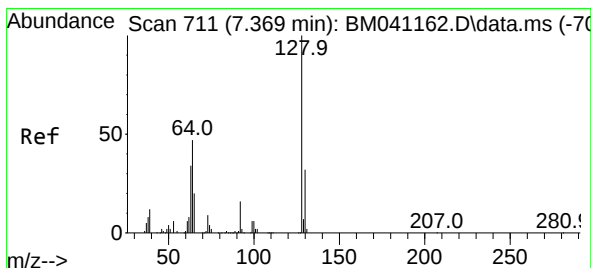
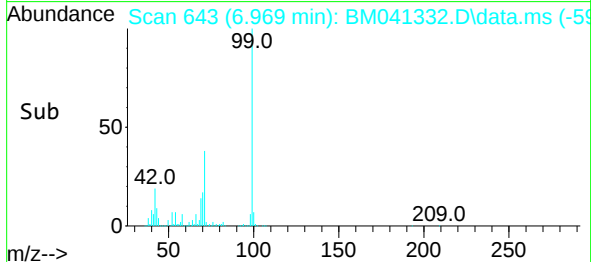
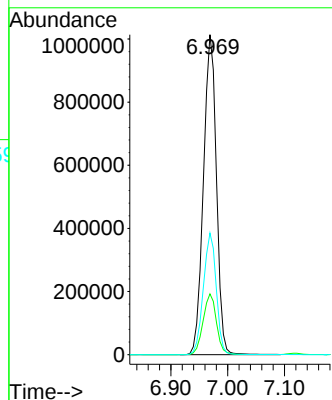
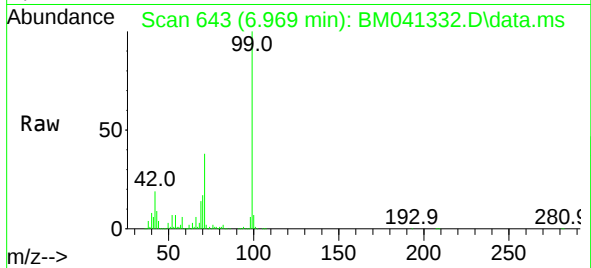
#7
Phenol-d6
Concen: 129.670 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
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ClientSampleId :
PB154698BS

Tgt Ion: 99 Resp: 160805
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 38.0 28.2 42.4

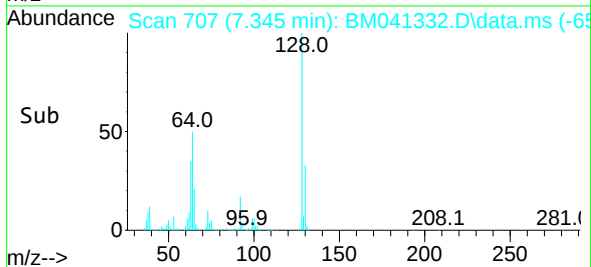
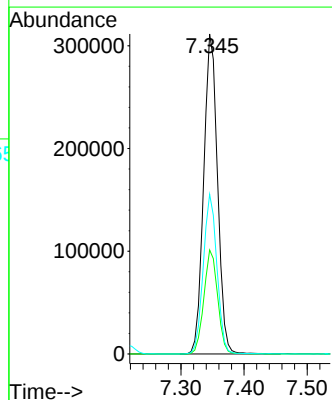
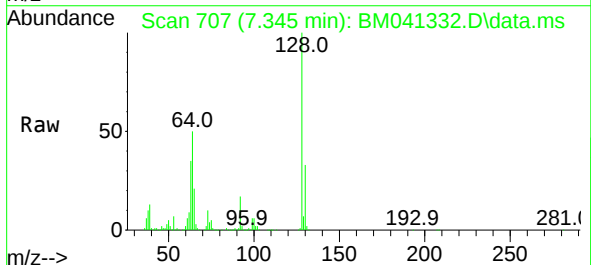
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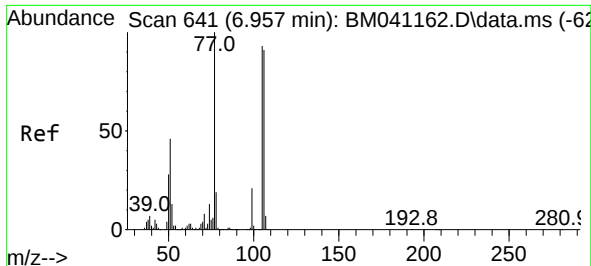
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#8
2-Chlorophenol
Concen: 50.850 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion:128 Resp: 474927
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 49.9 29.3 69.3





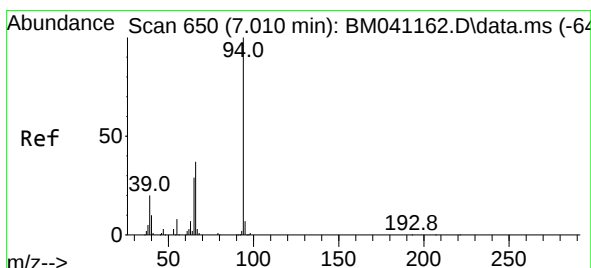
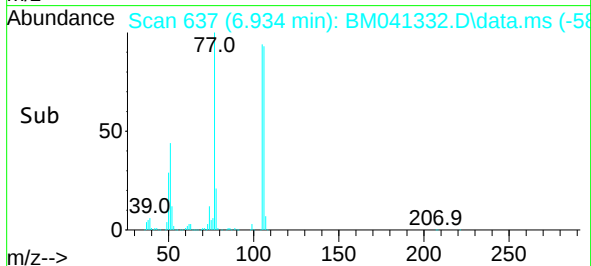
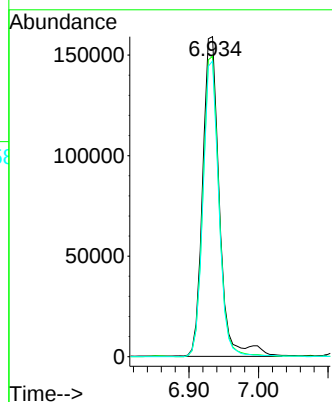
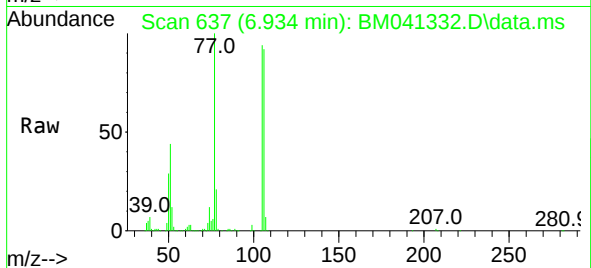
#9
Benzaldehyde
Concen: 40.643 ng m
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion: 77 Resp: 265949
Ion Ratio Lower Upper
77 100
105 93.8 72.8 112.8
106 92.4 70.8 110.8

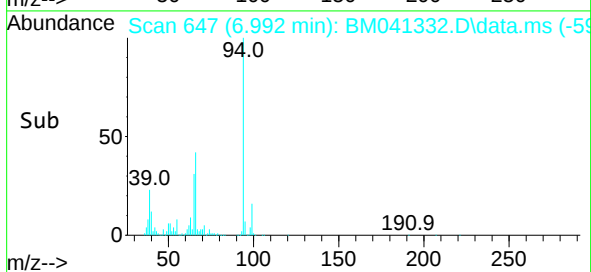
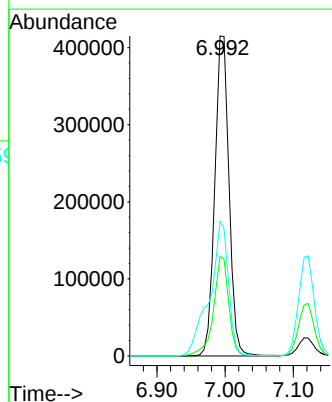
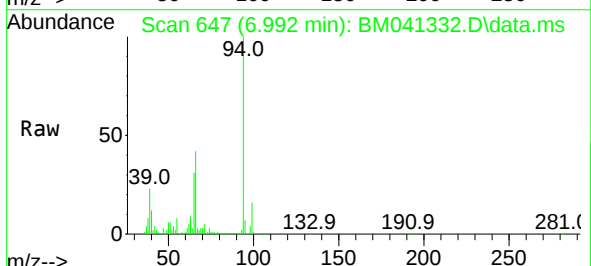
Manual Integrations
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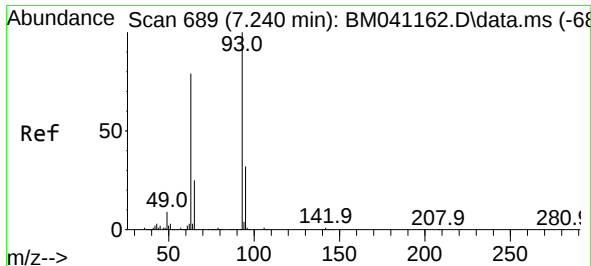
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#10
Phenol
Concen: 50.322 ng
RT: 6.992 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion: 94 Resp: 602731
Ion Ratio Lower Upper
94 100
65 31.0 9.5 49.5
66 42.1 18.0 58.0





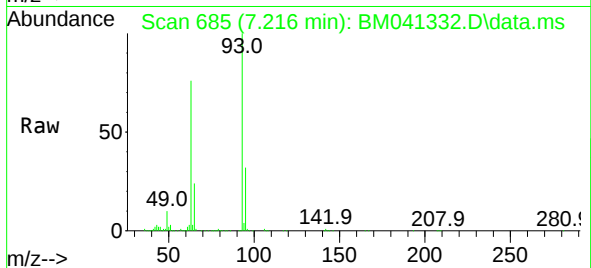
#11
bis(2-Chloroethyl)ether
Concen: 47.361 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS



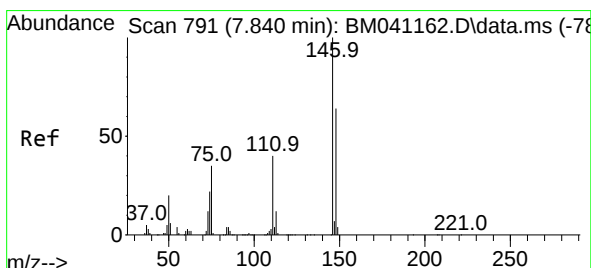
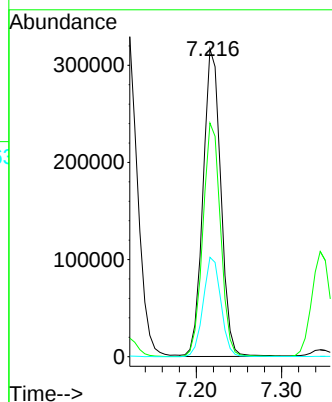
Tgt Ion: 93 Resp: 459170
Ion Ratio Lower Upper
93 100
63 75.9 58.8 98.8
95 32.3 11.8 51.8

Manual Integrations

APPROVED

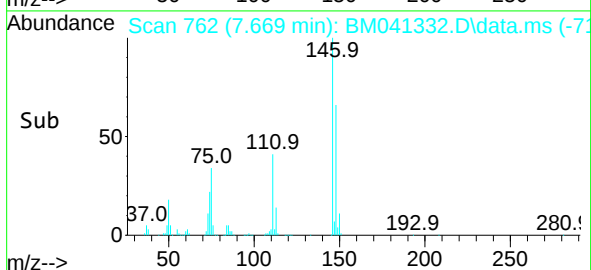
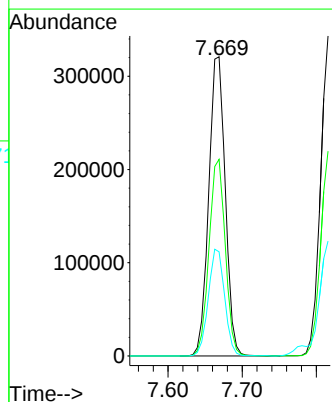
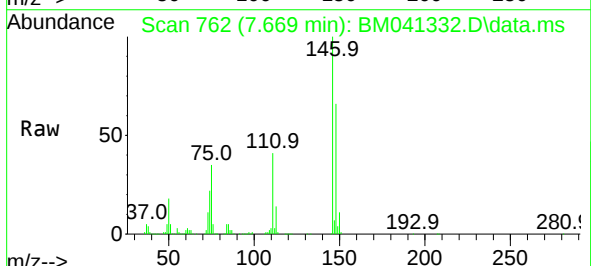
Reviewed By :Yogesh Patel 08/09/2023

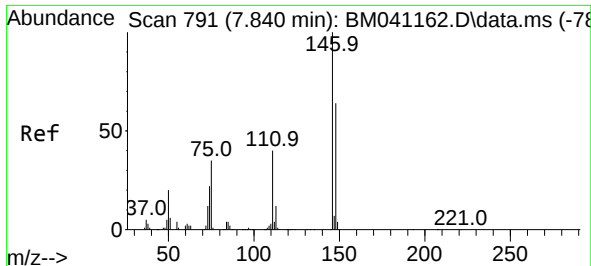
Supervised By :mohammad ahmed 08/09/2023



#12
1,3-Dichlorobenzene
Concen: 48.912 ng
RT: 7.669 min Scan# 762
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion:146 Resp: 497259
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 34.8 28.3 42.5





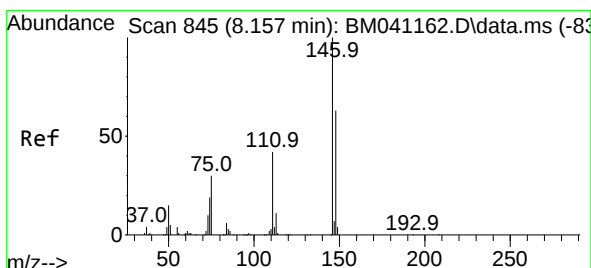
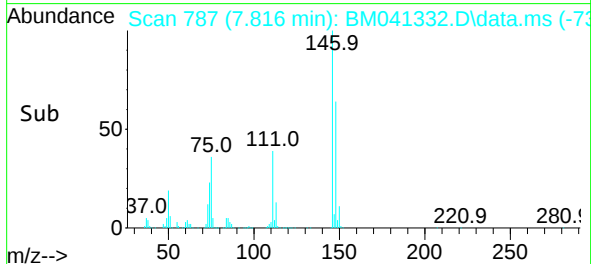
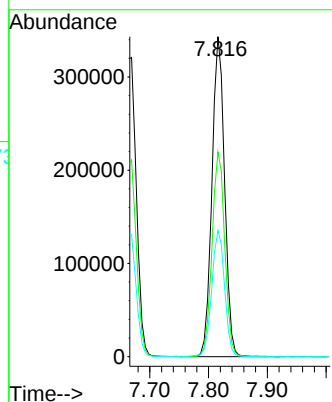
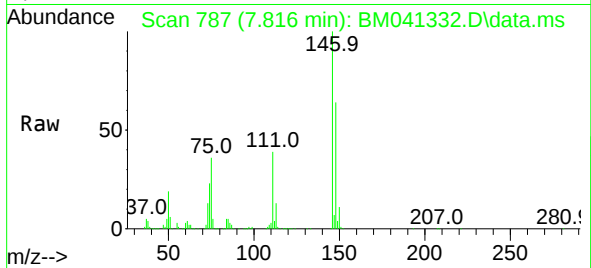
#13
1,4-Dichlorobenzene
Concen: 50.201 ng
RT: 7.816 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion:146 Resp: 51298
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 39.4 32.4 48.6

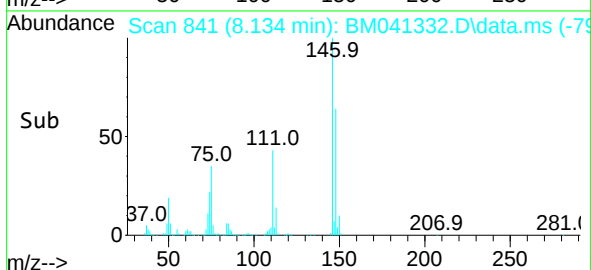
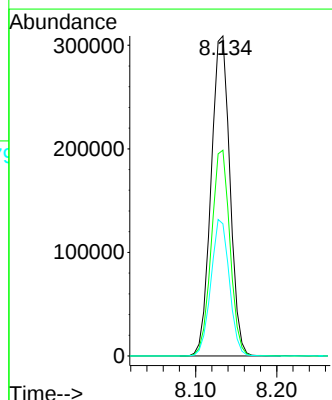
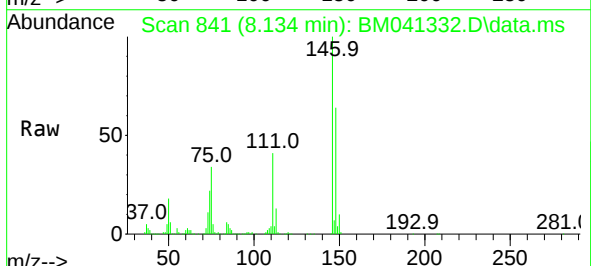
Manual Integrations
APPROVED

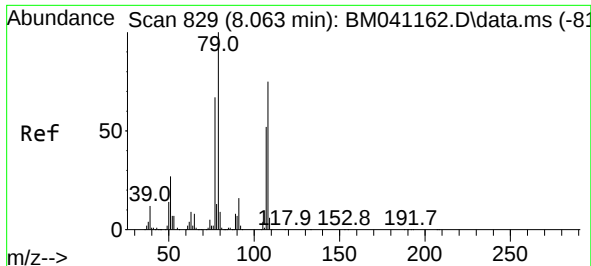
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#14
1,2-Dichlorobenzene
Concen: 50.723 ng
RT: 8.134 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion:146 Resp: 496977
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 41.3 33.8 50.6





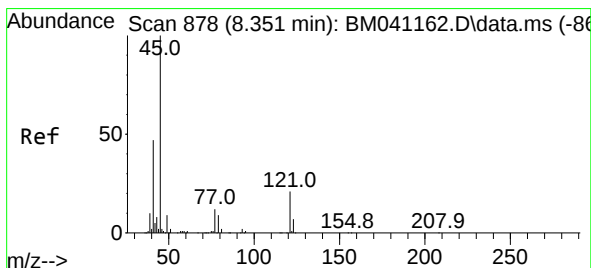
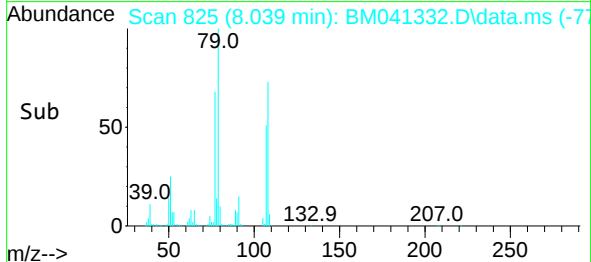
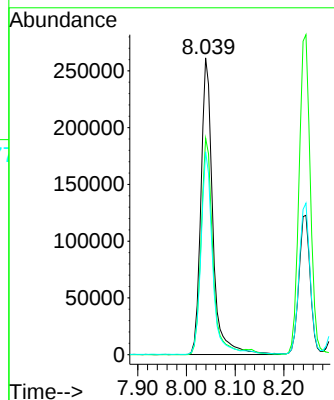
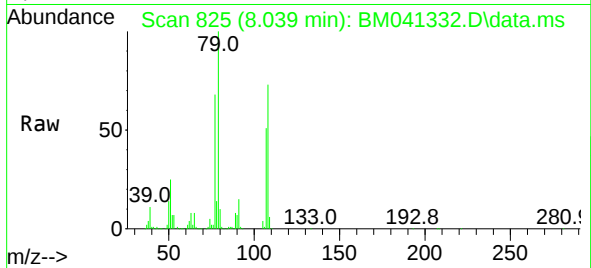
#15
Benzyl Alcohol
Concen: 56.642 ng
RT: 8.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion: 79 Resp: 443594
Ion Ratio Lower Upper
79 100
108 73.0 59.8 89.8
77 68.3 53.8 80.6

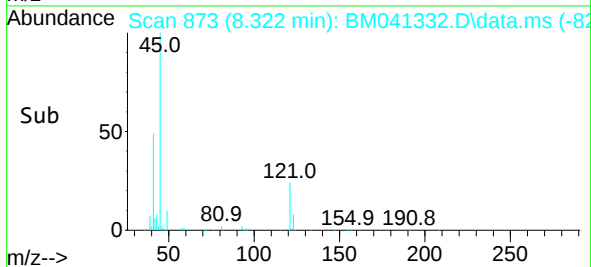
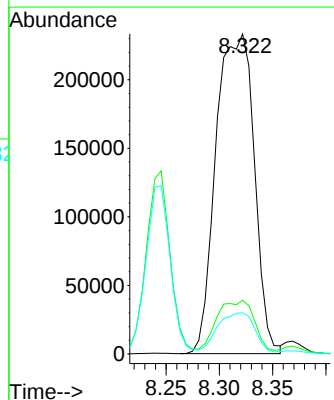
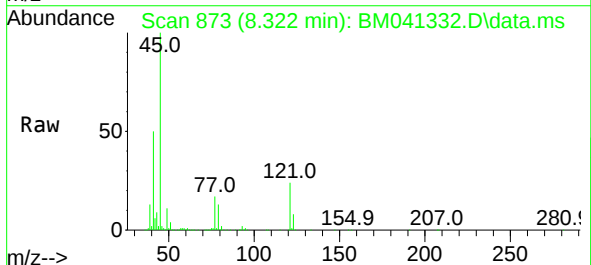
Manual Integrations
APPROVED

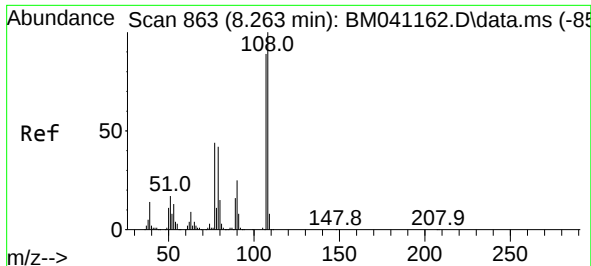
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.941 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion: 45 Resp: 580540
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.5
79 12.9 0.0 32.1





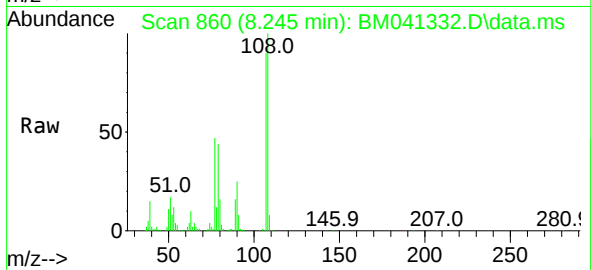
#17
2-Methylphenol
Concen: 48.919 ng
RT: 8.245 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

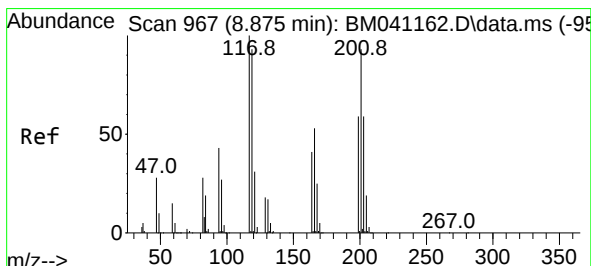
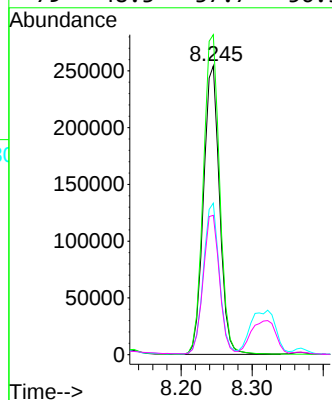
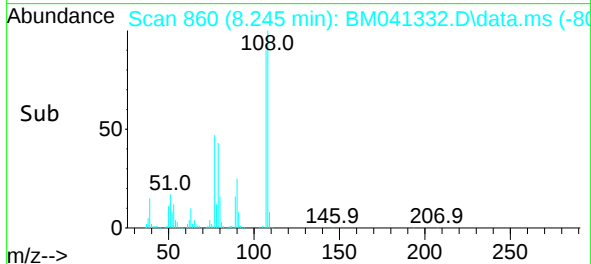


Tgt Ion:107 Resp: 400300
Ion Ratio Lower Upper
107 100
108 110.8 89.9 134.9
77 52.5 39.8 59.8
79 48.3 37.7 56.5

Manual Integrations

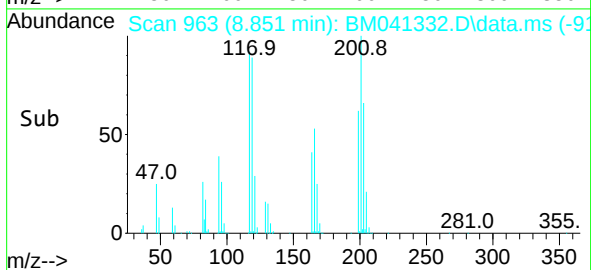
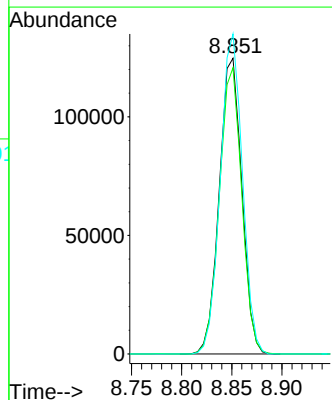
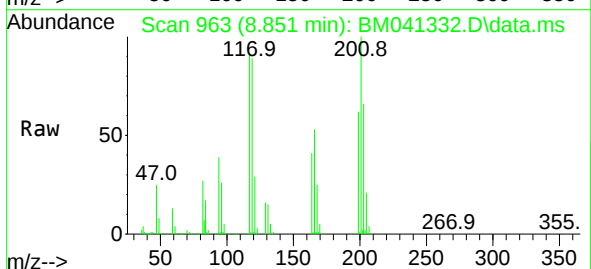
APPROVED

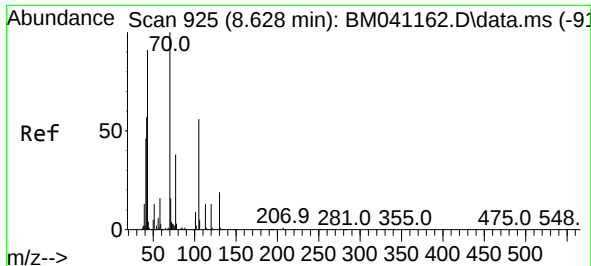
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#18
Hexachloroethane
Concen: 51.423 ng
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

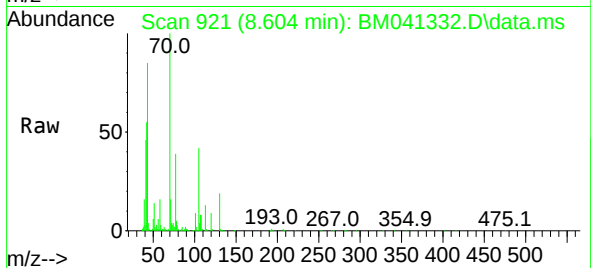
Tgt Ion:117 Resp: 195628
Ion Ratio Lower Upper
117 100
119 96.8 74.2 111.4
201 108.2 74.5 111.7





#19
n-Nitroso-di-n-propylamine
Concen: 50.756 ng
RT: 8.604 min Scan# 916
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

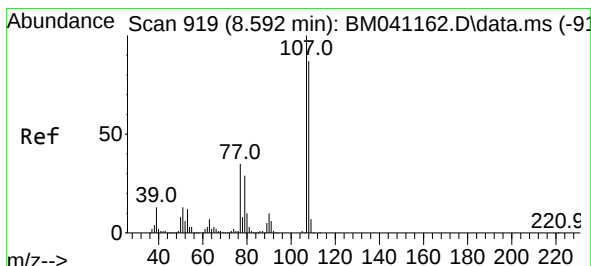
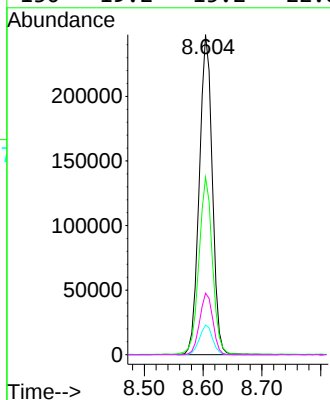
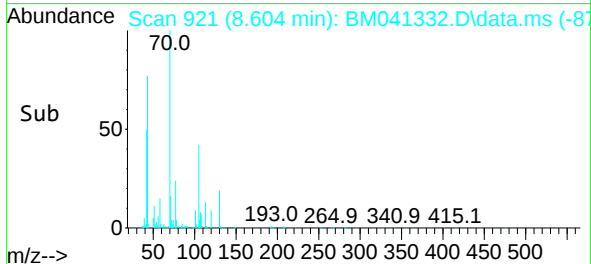
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion: 70 Resp: 382314
Ion Ratio Lower Upper
70 100
42 55.4 45.8 68.8
101 9.3 7.4 11.0
130 19.2 15.2 22.8

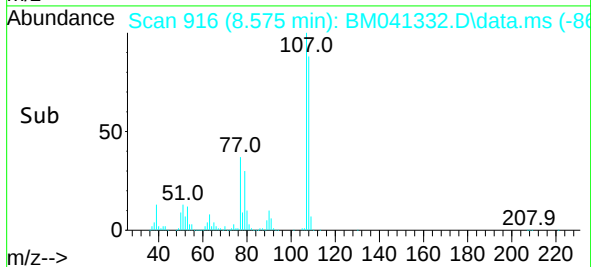
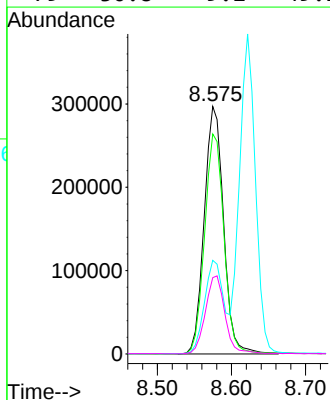
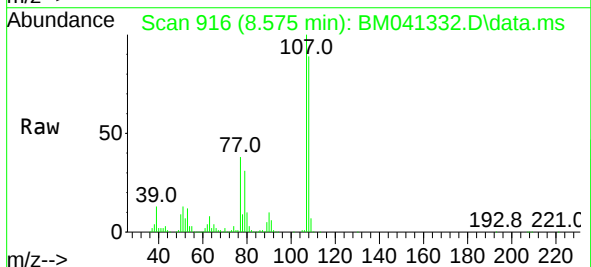
Manual Integrations
APPROVED

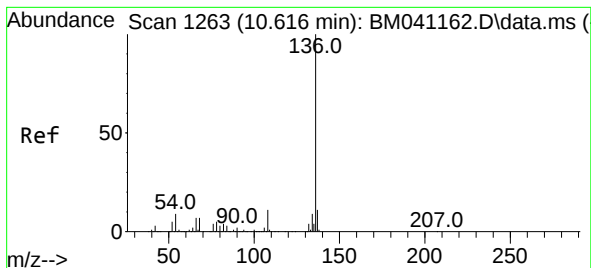
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#20
3+4-Methylphenols
Concen: 49.212 ng
RT: 8.575 min Scan# 916
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

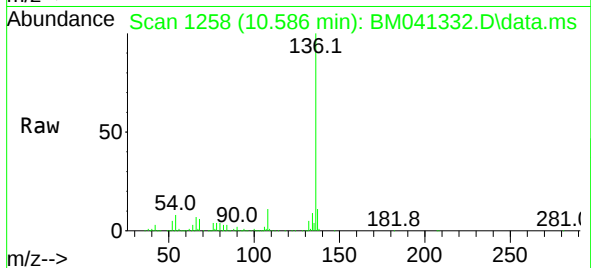
Tgt Ion:107 Resp: 538436
Ion Ratio Lower Upper
107 100
108 88.8 67.2 107.2
77 37.8 15.4 55.4
79 30.8 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

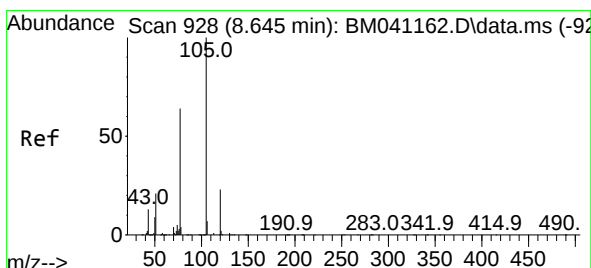
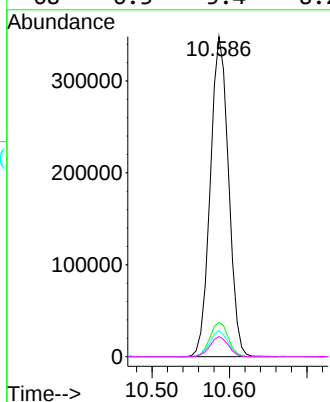
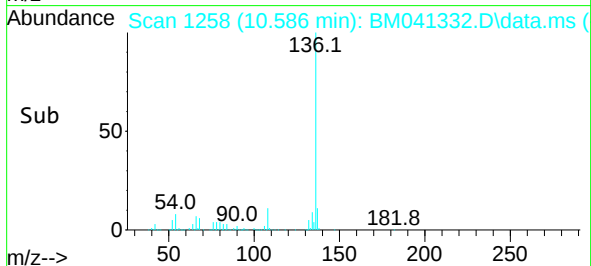
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion:136 Resp: 56919
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.9 10.3
68 6.3 5.4 8.2

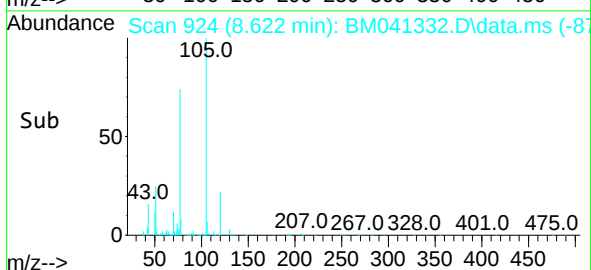
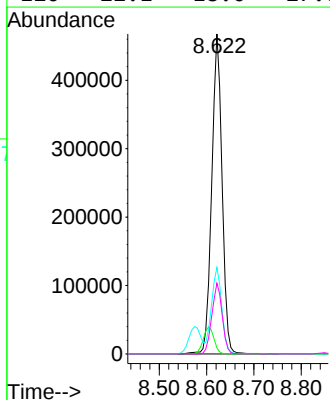
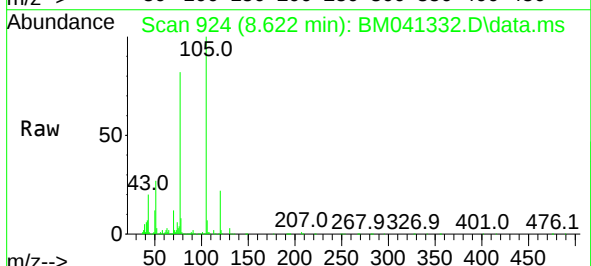
Manual Integrations
APPROVED

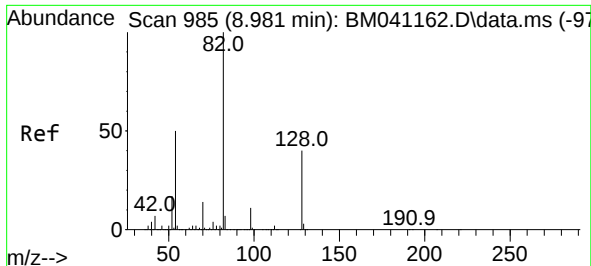
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#22
Acetophenone
Concen: 47.076 ng
RT: 8.622 min Scan# 924
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion:105 Resp: 709649
Ion Ratio Lower Upper
105 100
71 1.9 1.2 1.8#
51 27.0 22.0 33.0
120 22.1 18.0 27.0





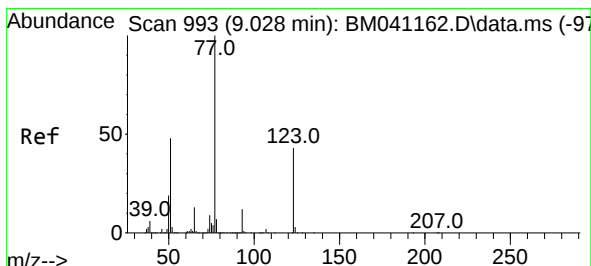
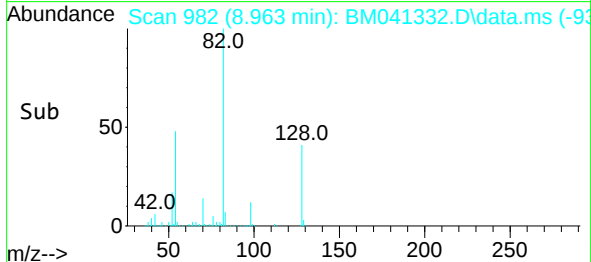
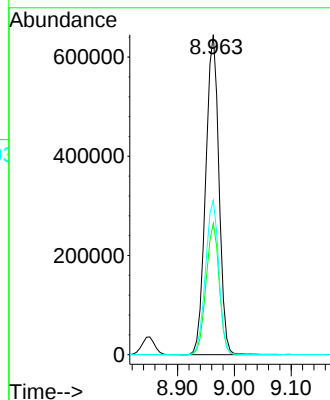
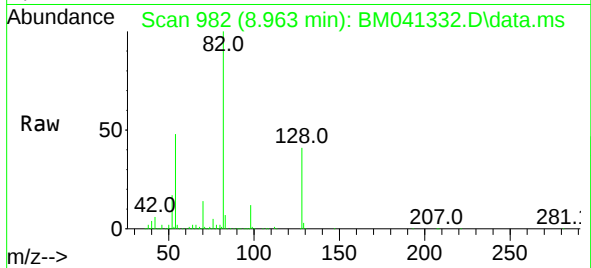
#23
Nitrobenzene-d5
Concen: 85.377 ng
RT: 8.963 min Scan# 982
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion: 82 Resp: 104496
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 48.3 40.1 60.1

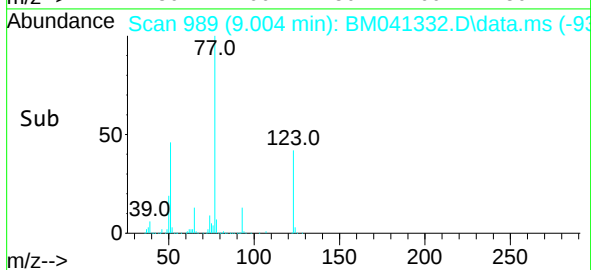
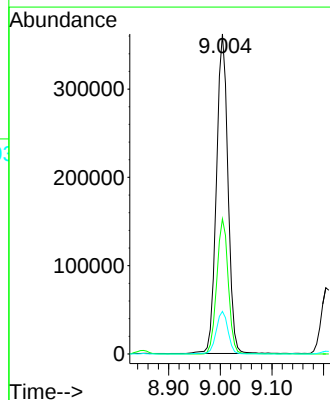
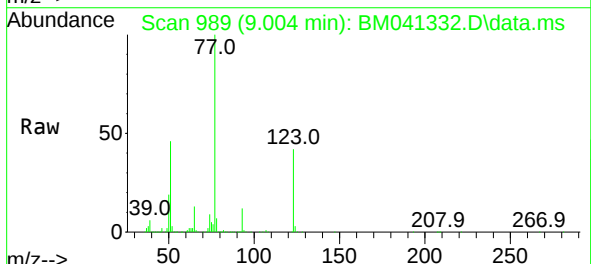
Manual Integrations
APPROVED

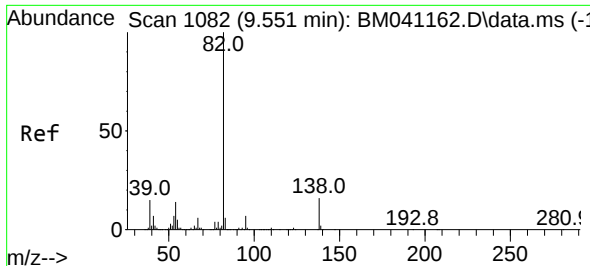
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#24
Nitrobenzene
Concen: 45.323 ng
RT: 9.004 min Scan# 989
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

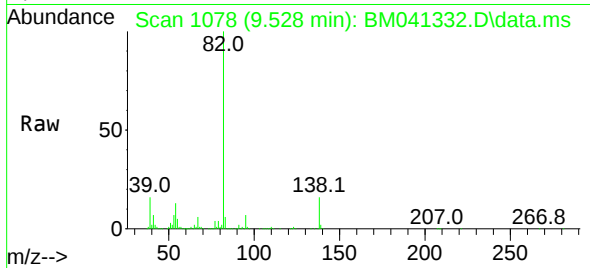
Tgt Ion: 77 Resp: 560983
Ion Ratio Lower Upper
77 100
123 42.2 34.2 51.2
65 13.3 10.7 16.1





#25
Isophorone
Concen: 48.555 ng
RT: 9.528 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

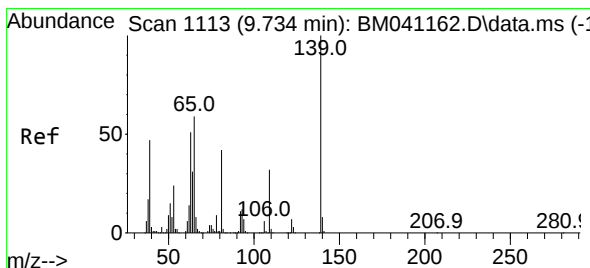
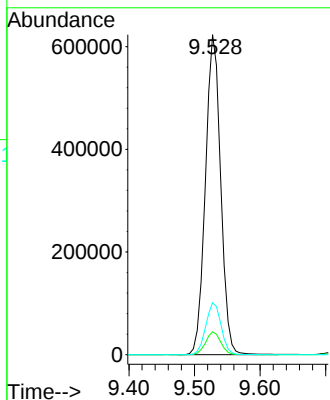
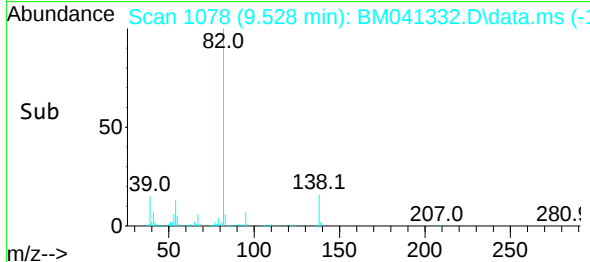
Instrument :
BNA_M
ClientSampleId :
PB154698BS



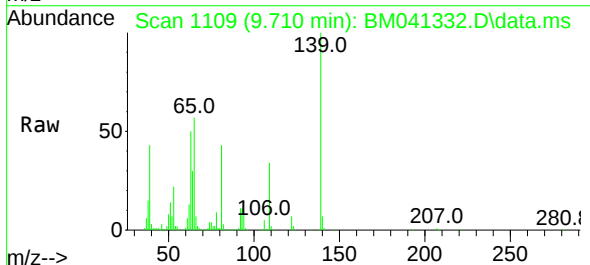
Tgt Ion: 82 Resp: 100880
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.3 12.8 19.2

Manual Integrations
APPROVED

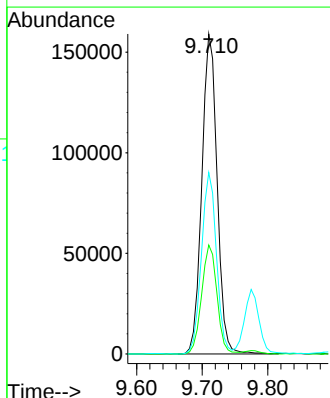
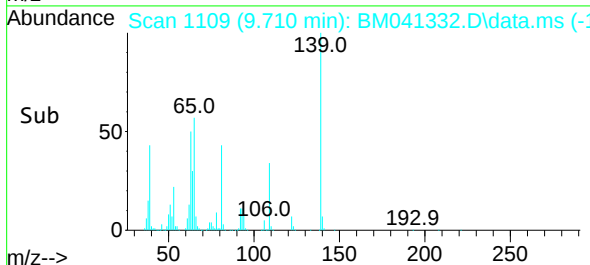
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

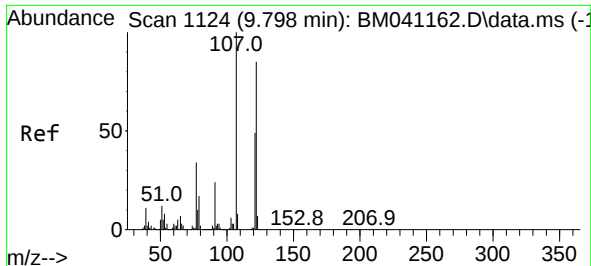


#26
2-Nitrophenol
Concen: 53.443 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:139 Resp: 258594
Ion Ratio Lower Upper
139 100
109 34.1 25.4 38.2
65 56.7 47.2 70.8





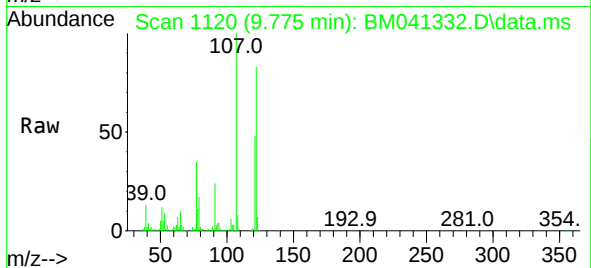
#27
2,4-Dimethylphenol
Concen: 47.405 ng
RT: 9.775 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS



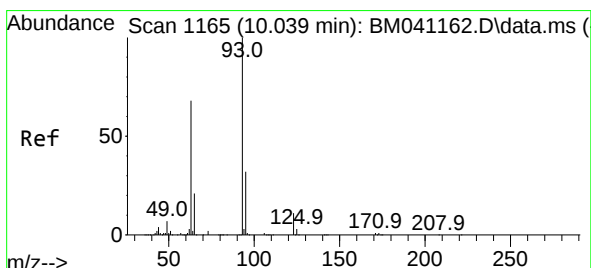
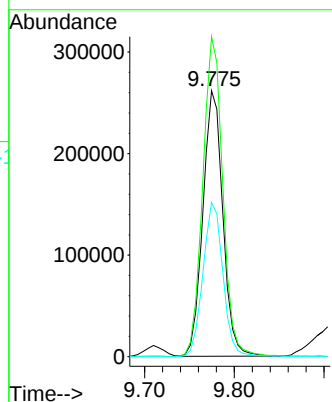
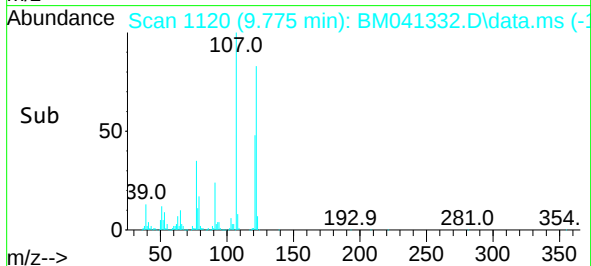
Tgt Ion:122 Resp: 403625
Ion Ratio Lower Upper
122 100
107 120.4 94.3 141.5
121 58.0 45.8 68.8

Manual Integrations

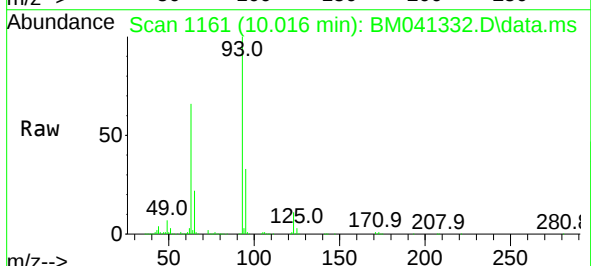
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

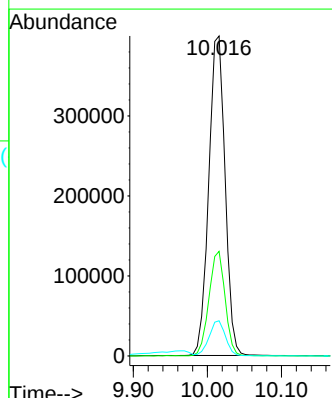
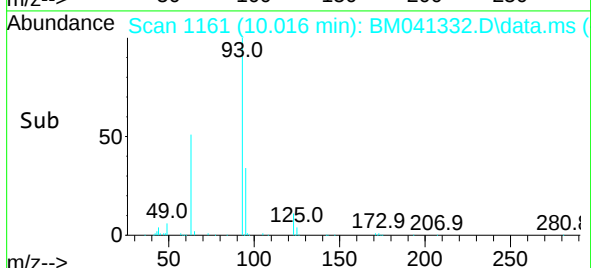
Supervised By :mohammad ahmed 08/09/2023

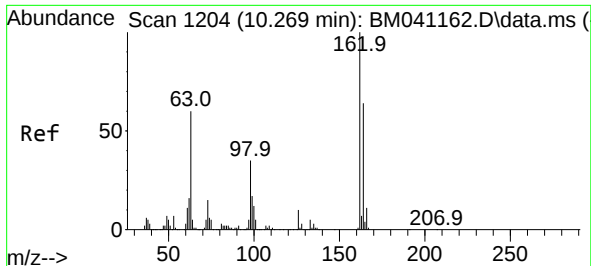


#28
bis(2-Chloroethoxy)methane
Concen: 46.923 ng
RT: 10.016 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion: 93 Resp: 610675
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.0 9.1 13.7





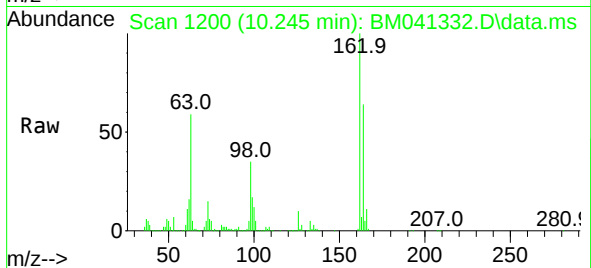
#29
2,4-Dichlorophenol
Concen: 52.787 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

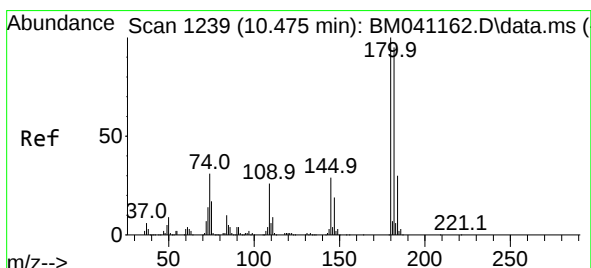
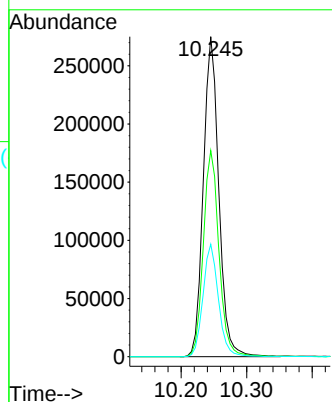
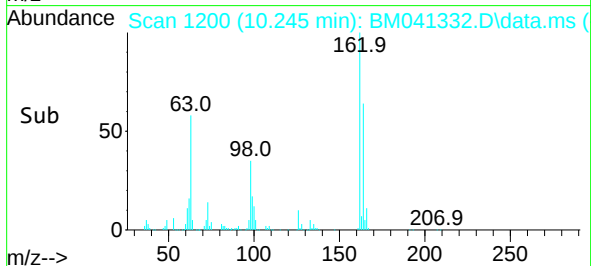


Tgt Ion:162 Resp: 453240
Ion Ratio Lower Upper
162 100
164 64.4 44.3 84.3
98 35.2 15.1 55.1

Manual Integrations

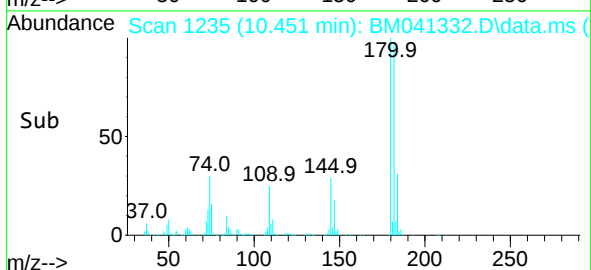
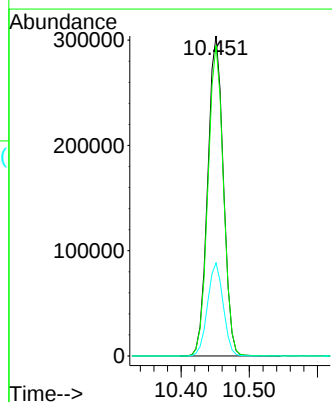
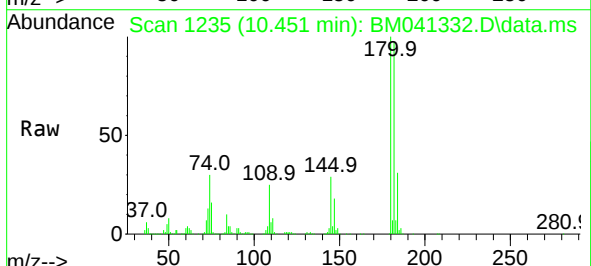
APPROVED

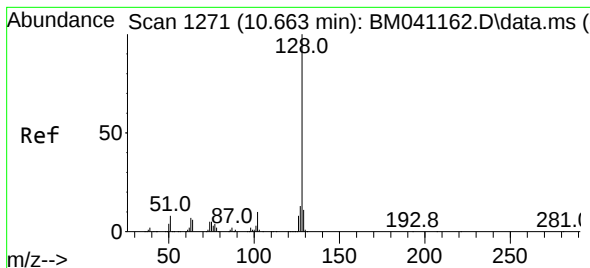
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#30
1,2,4-Trichlorobenzene
Concen: 51.033 ng
RT: 10.451 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

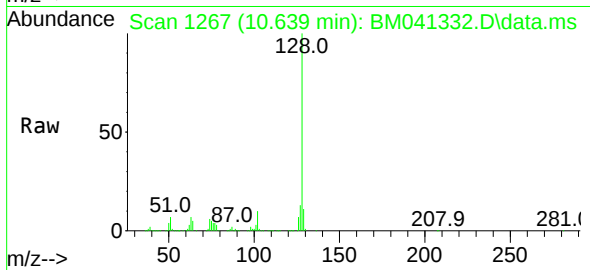
Tgt Ion:180 Resp: 484134
Ion Ratio Lower Upper
180 100
182 97.1 75.9 113.9
145 29.0 23.6 35.4





#31
Naphthalene
Concen: 45.452 ng
RT: 10.639 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

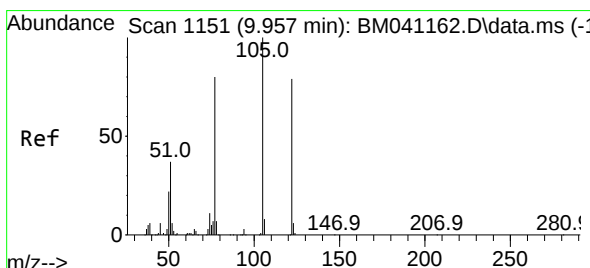
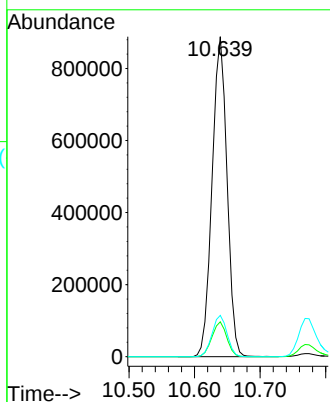
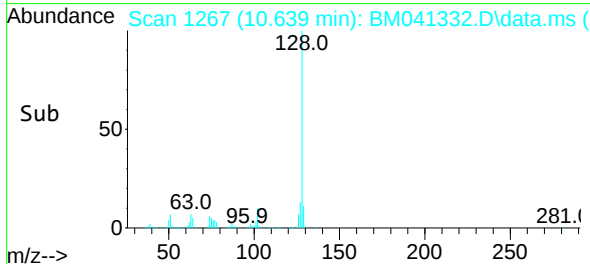
Instrument :
BNA_M
ClientSampleId :
PB154698BS



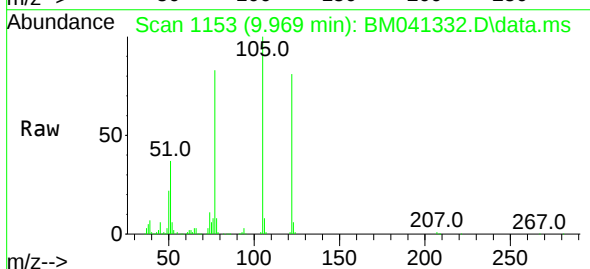
Tgt Ion:128 Resp: 1403894
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.5 15.7

Manual Integrations
APPROVED

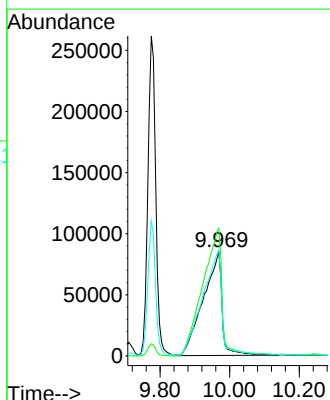
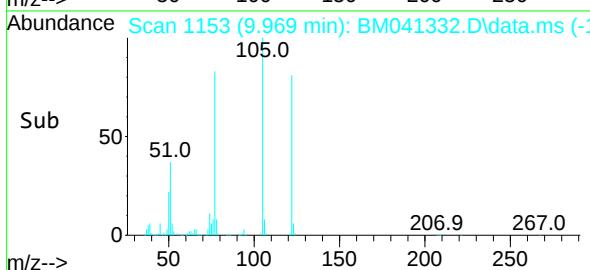
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

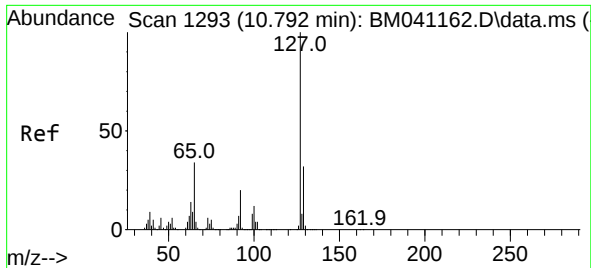


#32
Benzoic acid
Concen: 49.314 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:122 Resp: 316825
Ion Ratio Lower Upper
122 100
105 123.2 104.0 144.0
77 102.5 79.9 119.9





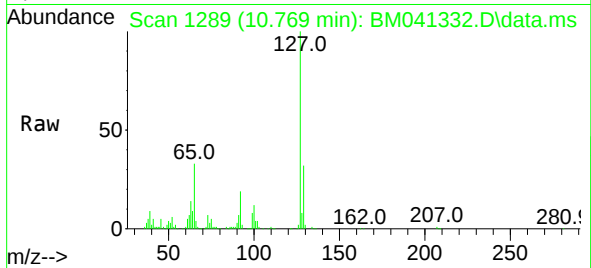
#33
4-Chloroaniline
Concen: 17.769 ng
RT: 10.769 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

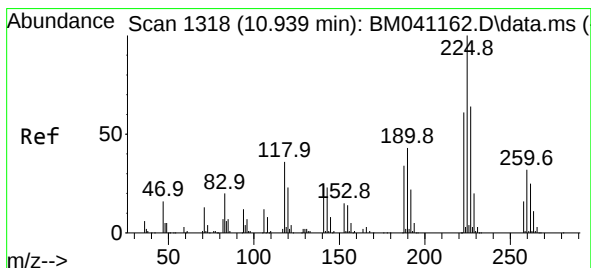
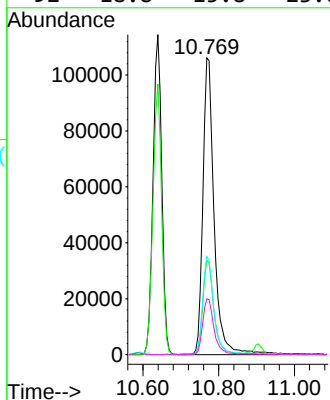
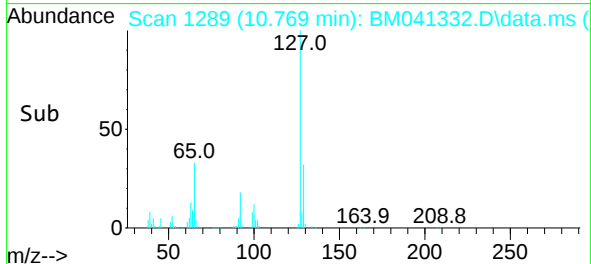


Tgt Ion:127 Resp: 21933
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 33.1 26.9 40.3
92 18.8 15.8 23.6

Manual Integrations

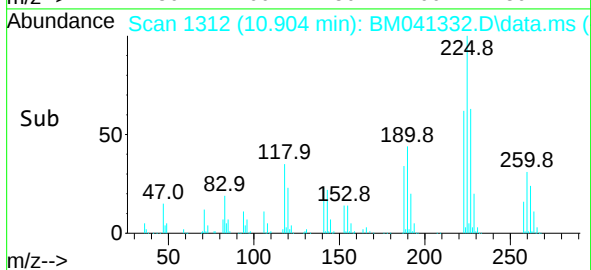
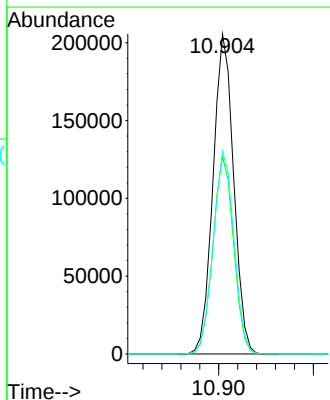
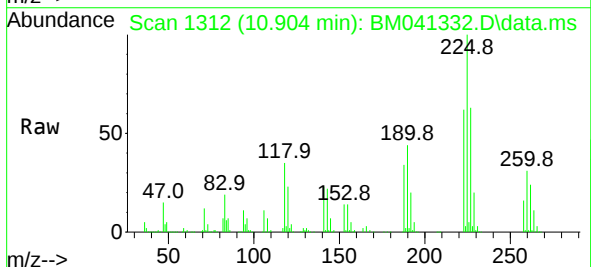
APPROVED

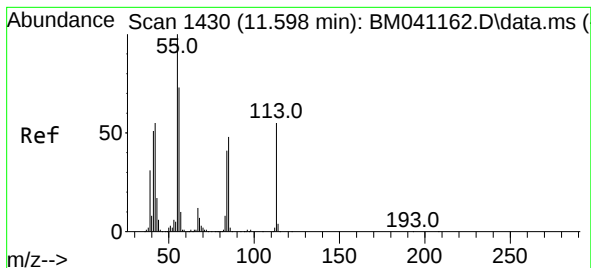
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#34
Hexachlorobutadiene
Concen: 54.391 ng
RT: 10.904 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

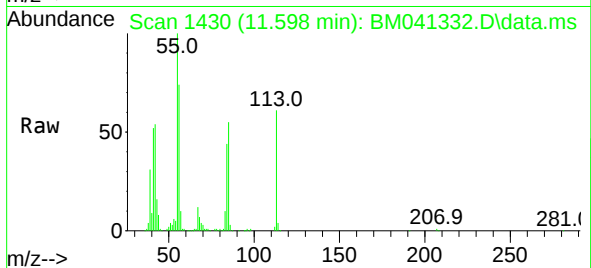
Tgt Ion:225 Resp: 310330
Ion Ratio Lower Upper
225 100
223 61.6 49.0 73.4
227 63.4 50.8 76.2





#35
Caprolactam
Concen: 49.667 ng
RT: 11.598 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

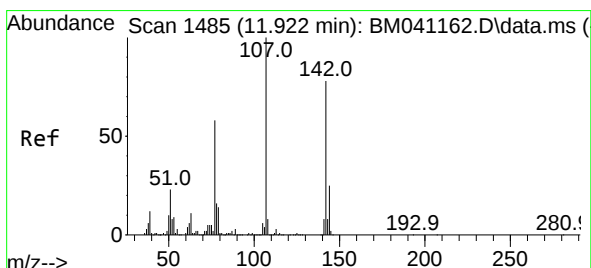
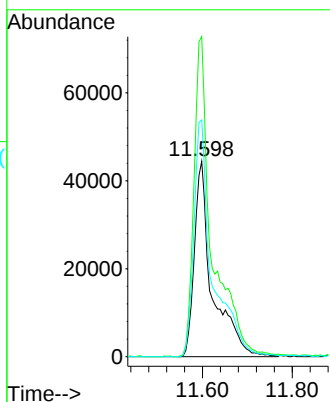
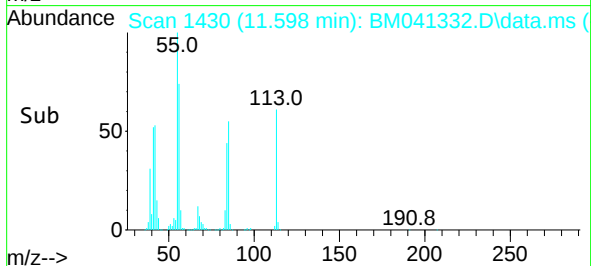
Instrument :
BNA_M
ClientSampleId :
PB154698BS



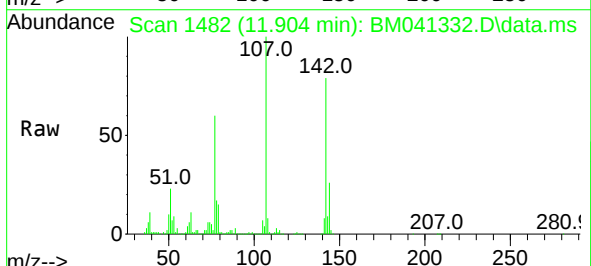
Tgt Ion:113 Resp: 12336
Ion Ratio Lower Upper
113 100
55 163.7 162.5 202.5
56 121.2 114.1 154.1

Manual Integrations
APPROVED

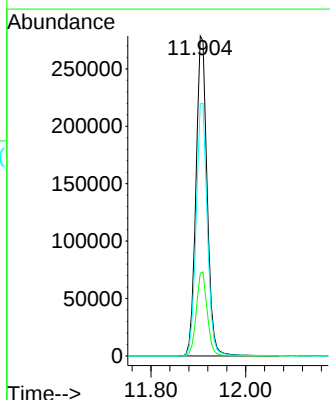
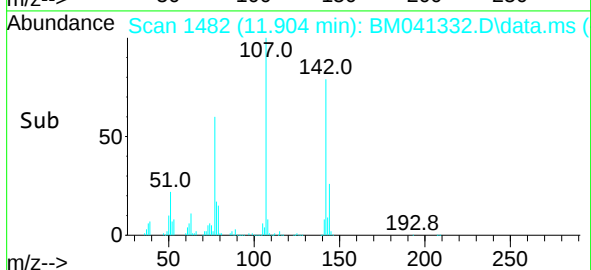
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

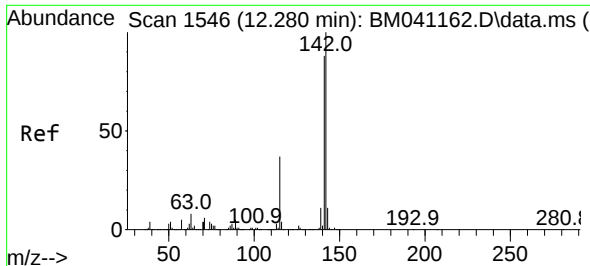


#36
4-Chloro-3-methylphenol
Concen: 50.511 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



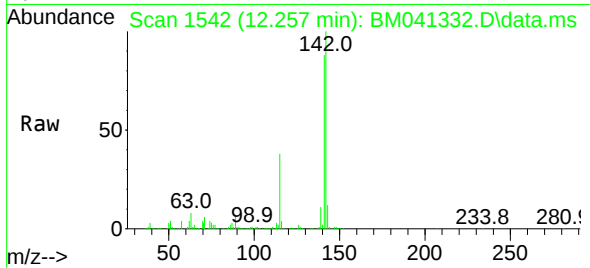
Tgt Ion:107 Resp: 456492
Ion Ratio Lower Upper
107 100
144 25.9 20.1 30.1
142 78.8 62.2 93.4





#37
2-Methylnaphthalene
Concen: 46.060 ng
RT: 12.257 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

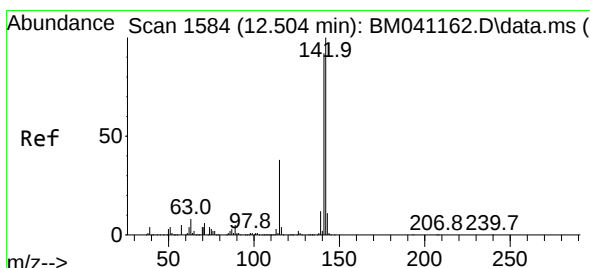
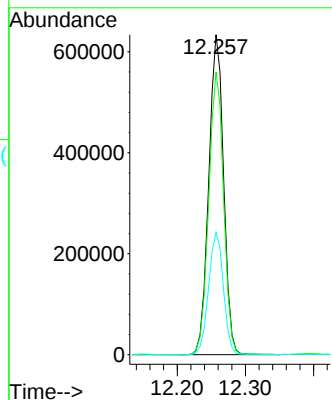
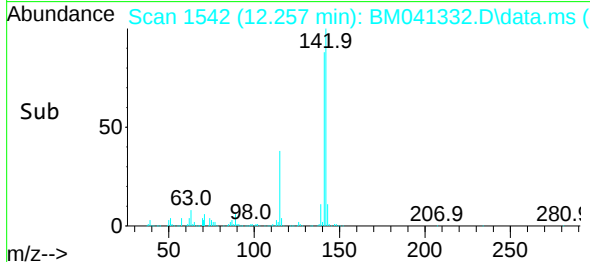
Instrument :
BNA_M
ClientSampleId :
PB154698BS



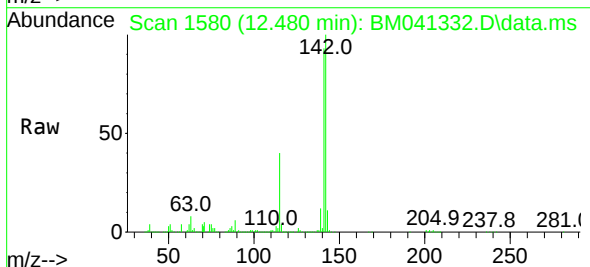
Tgt Ion:142 Resp: 95913
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1
115 38.1 29.3 43.9

Manual Integrations
APPROVED

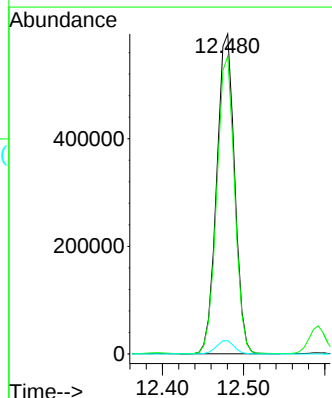
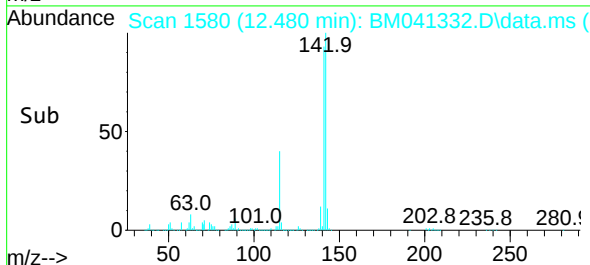
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

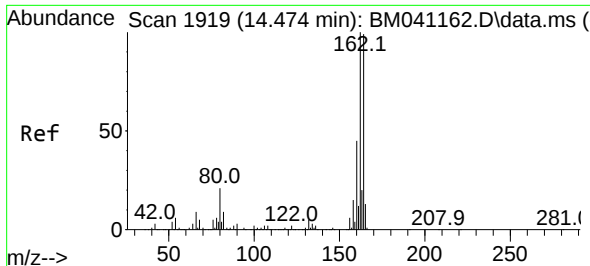


#38
1-Methylnaphthalene
Concen: 46.856 ng
RT: 12.480 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



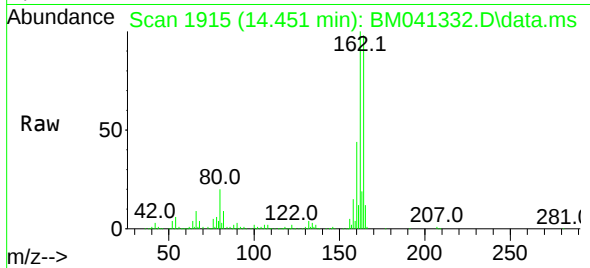
Tgt Ion:142 Resp: 913222
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

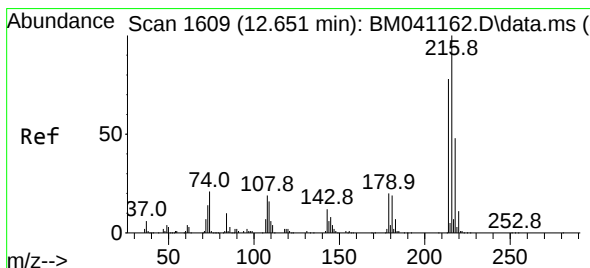
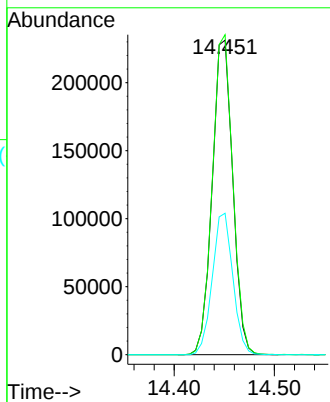
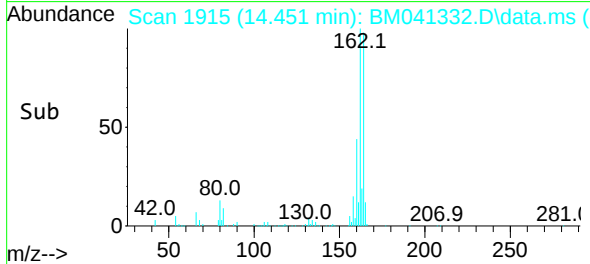
Instrument :
BNA_M
ClientSampleId :
PB154698BS



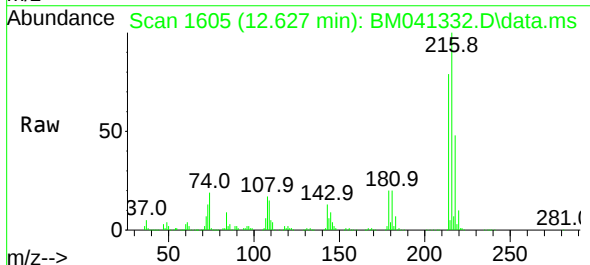
Tgt Ion:164 Resp: 329262
Ion Ratio Lower Upper
164 100
162 101.7 80.4 120.6
160 45.0 36.2 54.2

Manual Integrations
APPROVED

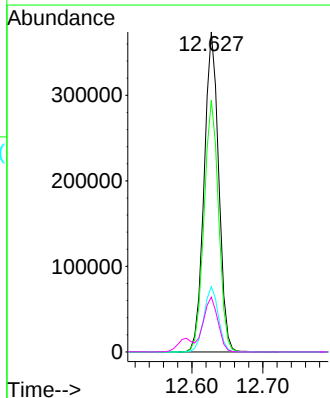
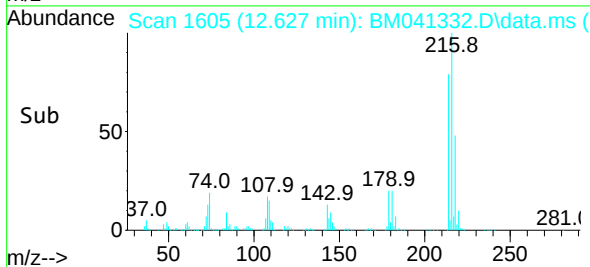
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

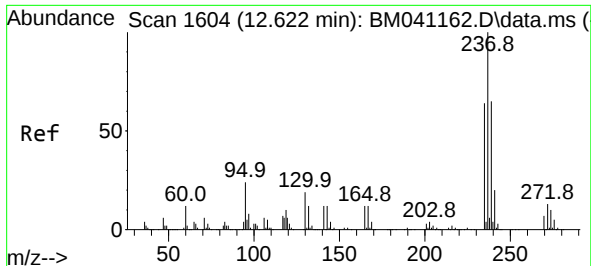


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.868 ng
RT: 12.627 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:216 Resp: 533164
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 20.3 16.2 24.2
108 17.1 17.0 25.4





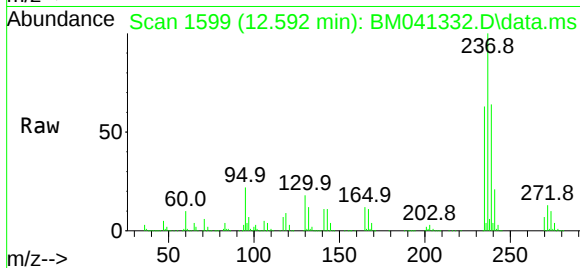
#41
Hexachlorocyclopentadiene
Concen: 113.724 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

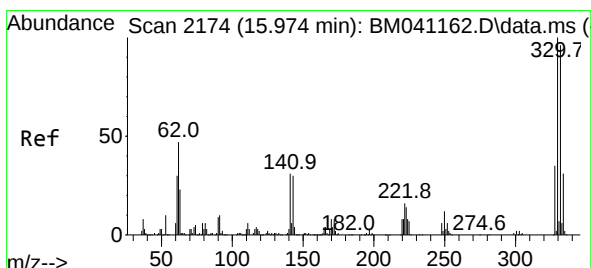
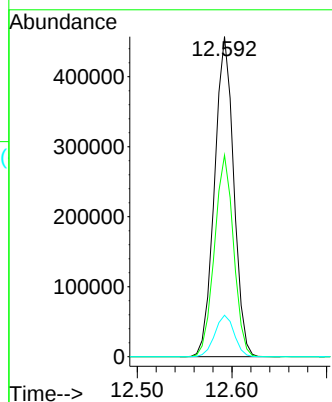


Tgt Ion:237 Resp: 643259
Ion Ratio Lower Upper
237 100
235 63.0 43.6 83.6
272 13.0 0.0 33.3

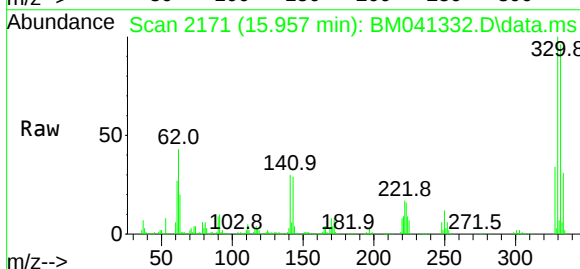
Manual Integrations

APPROVED

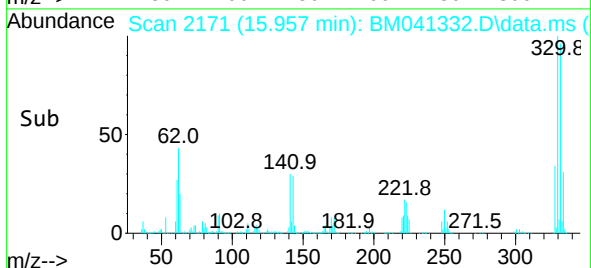
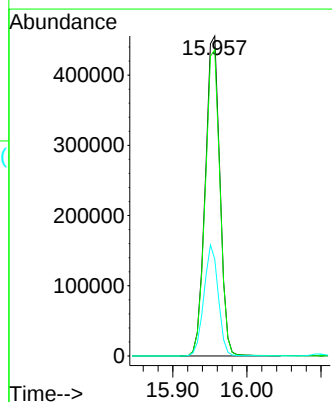
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

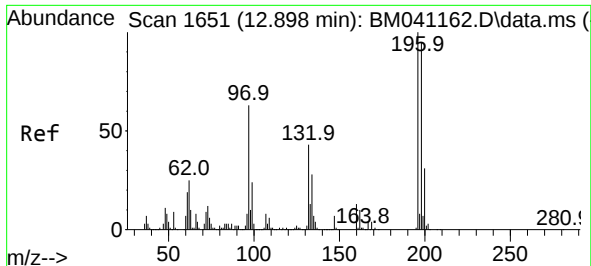


#42
2,4,6-Tribromophenol
Concen: 134.464 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:330 Resp: 626230
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 34.0 28.3 42.5





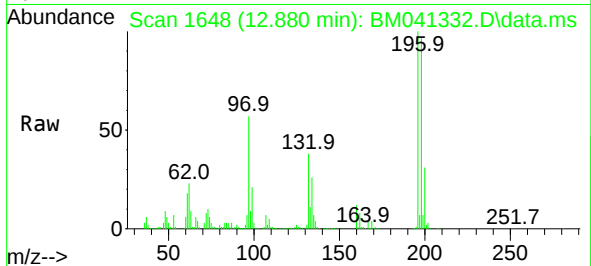
#43
2,4,6-Trichlorophenol
Concen: 53.216 ng
RT: 12.880 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

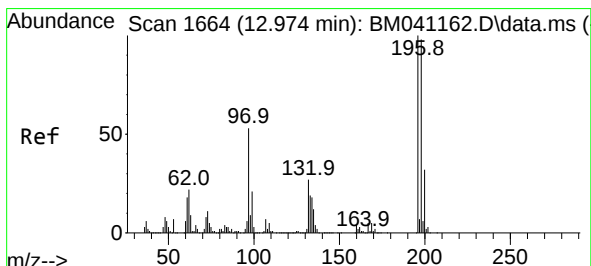
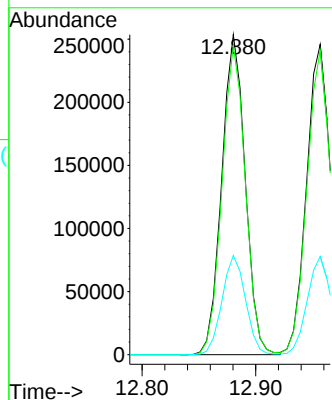
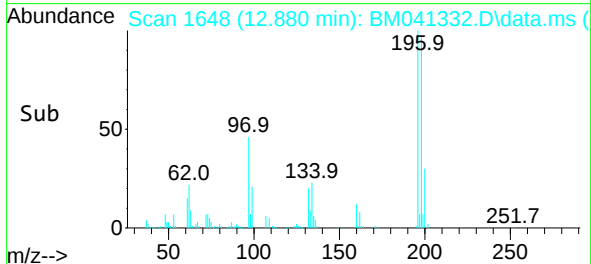


Tgt Ion:196 Resp: 364669
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.4
200 31.0 24.6 36.8

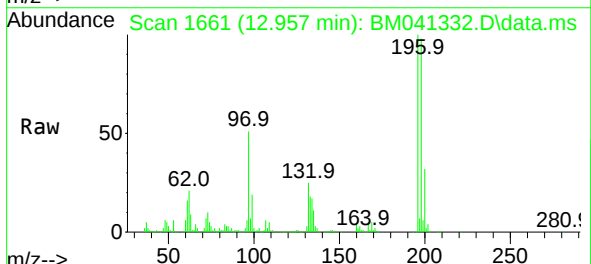
Manual Integrations

APPROVED

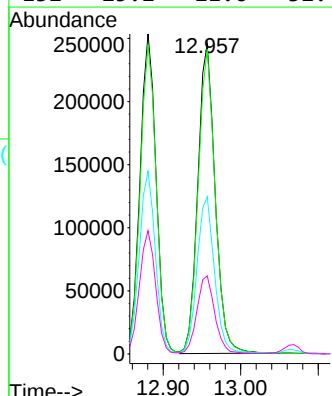
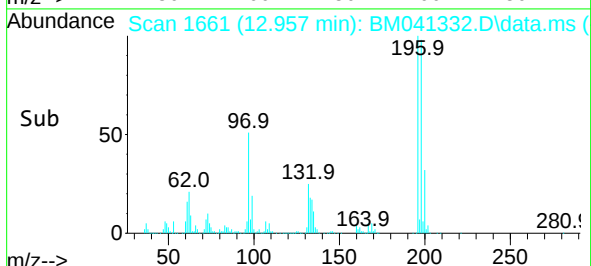
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

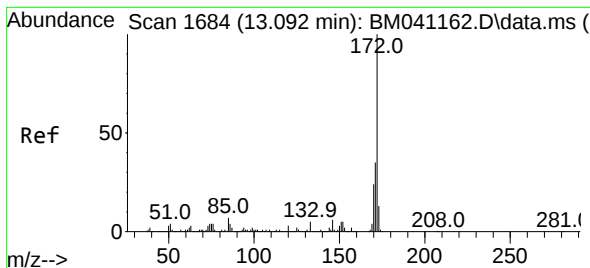


#44
2,4,5-Trichlorophenol
Concen: 48.060 ng
RT: 12.957 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



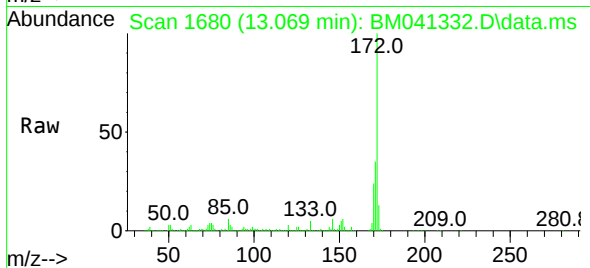
Tgt Ion:196 Resp: 381184
Ion Ratio Lower Upper
196 100
198 98.1 78.2 117.4
97 50.7 42.7 64.1
132 25.2 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 87.583 ng
RT: 13.069 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

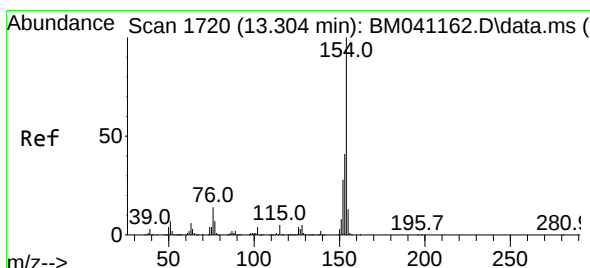
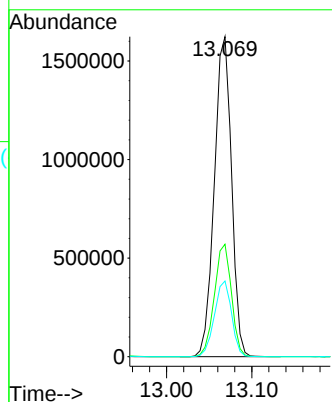
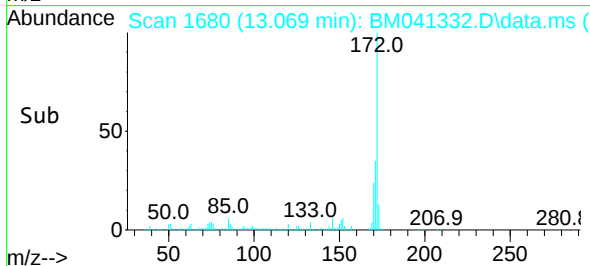
Instrument :
BNA_M
ClientSampleId :
PB154698BS



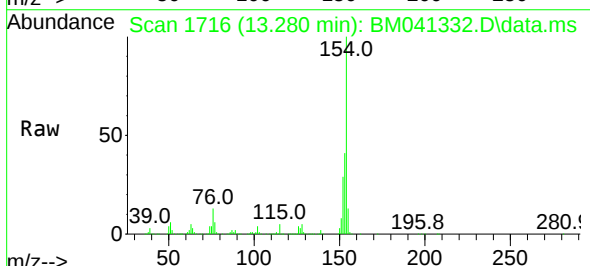
Tgt Ion:172 Resp: 2282830
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 18.9 28.3

Manual Integrations
APPROVED

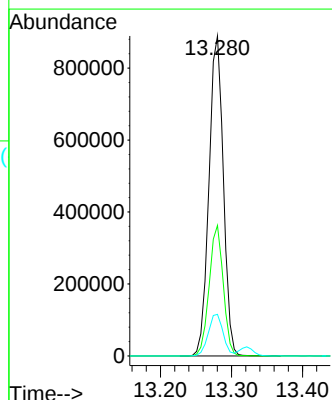
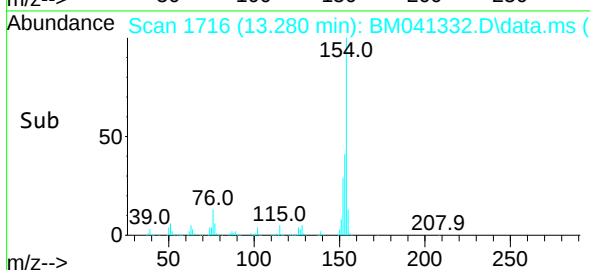
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

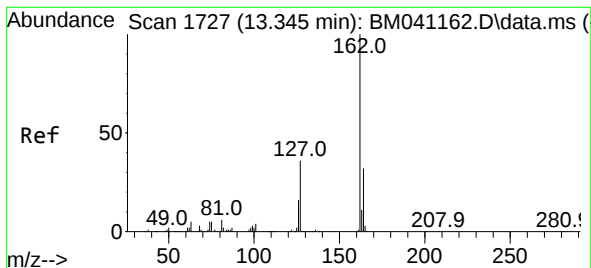


#46
1,1'-Biphenyl
Concen: 46.918 ng
RT: 13.280 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



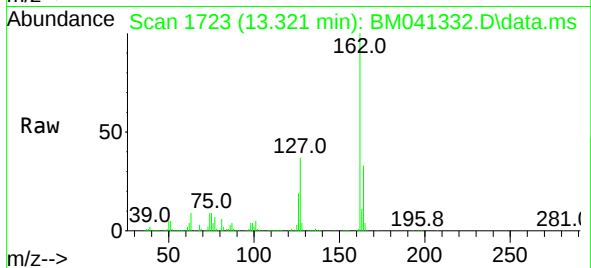
Tgt Ion:154 Resp: 1252368
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 13.0 0.0 34.1





#47
2-Chloronaphthalene
Concen: 48.665 ng
RT: 13.321 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

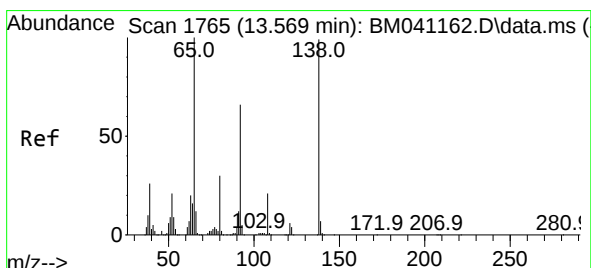
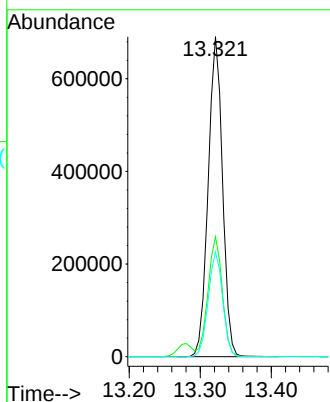
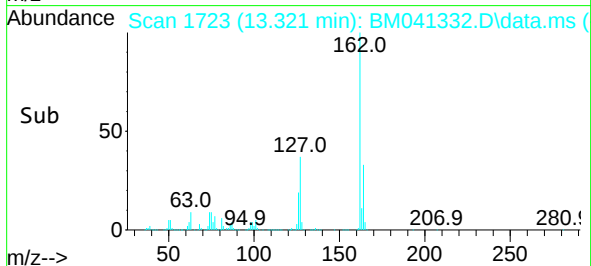
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion:162 Resp: 96992
Ion Ratio Lower Upper
162 100
127 37.4 30.6 45.8
164 32.8 25.6 38.4

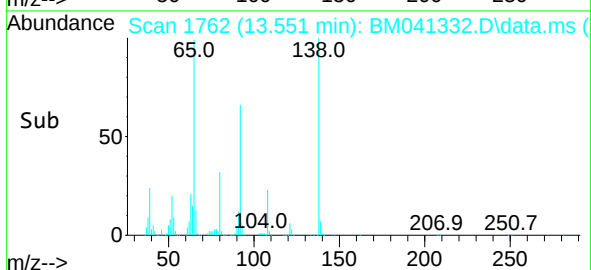
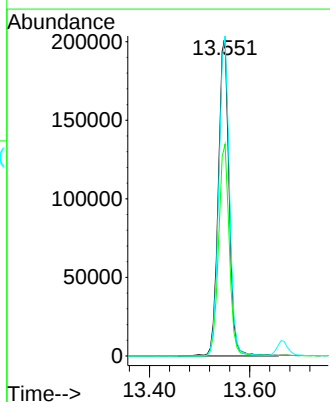
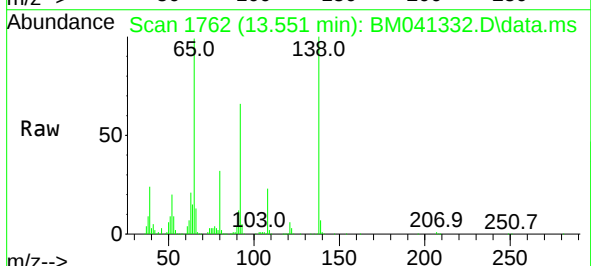
Manual Integrations
APPROVED

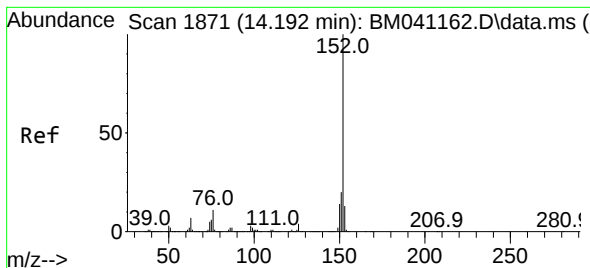
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#48
2-Nitroaniline
Concen: 47.300 ng
RT: 13.551 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion: 65 Resp: 300918
Ion Ratio Lower Upper
65 100
92 67.0 53.0 79.4
138 101.2 79.1 118.7





#49

Acenaphthylene

Concen: 47.766 ng

RT: 14.174 min Scan# 1868

Delta R.T. -0.000 min

Lab File: BM041332.D

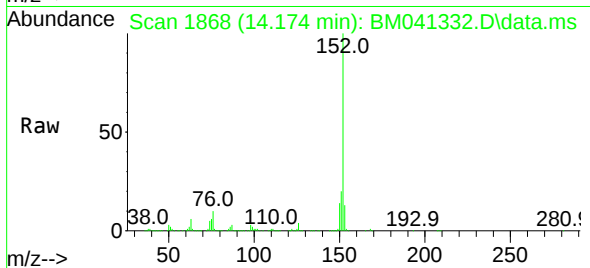
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS



Tgt Ion:152 Resp: 153662

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

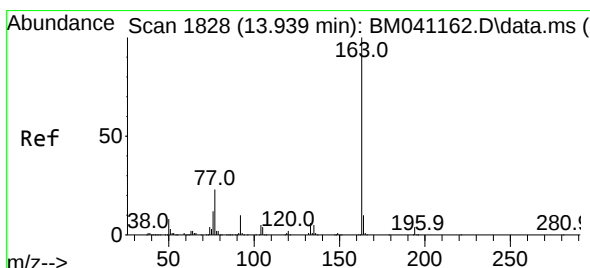
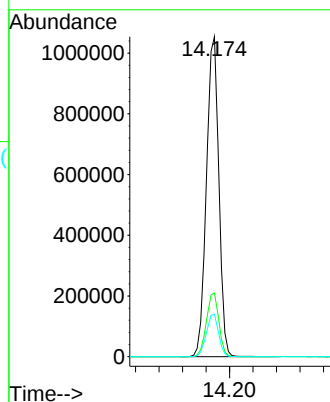
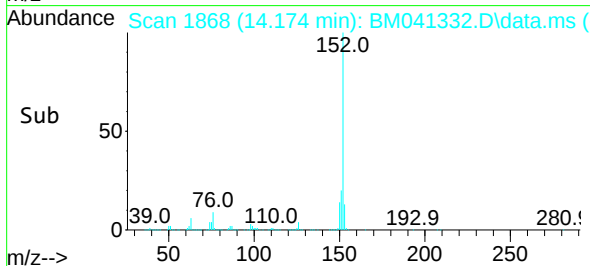
153 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#50

Dimethylphthalate

Concen: 47.449 ng

RT: 13.921 min Scan# 1825

Delta R.T. -0.000 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

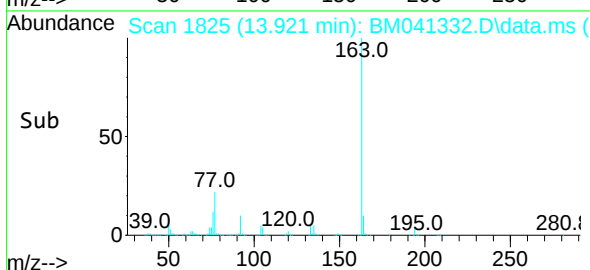
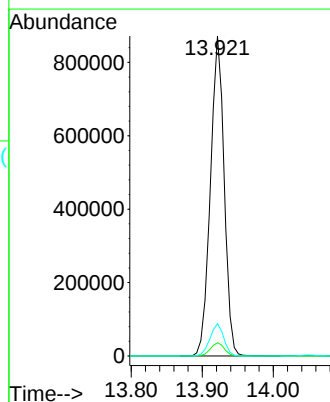
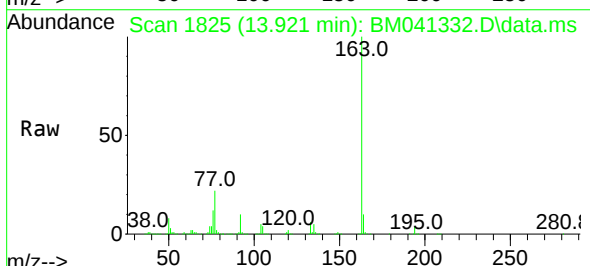
Tgt Ion:163 Resp: 1175205

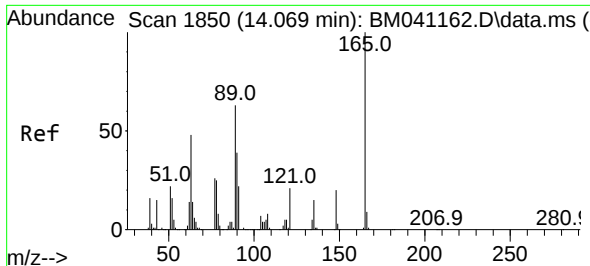
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

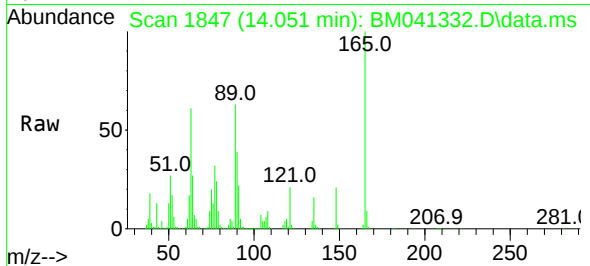
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.884 ng
RT: 14.051 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

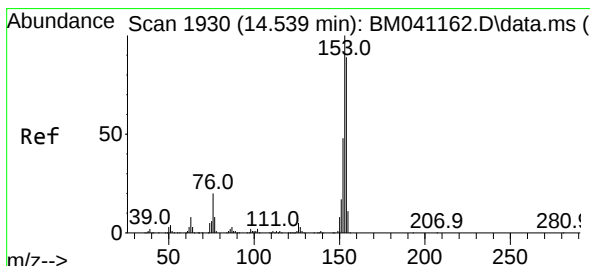
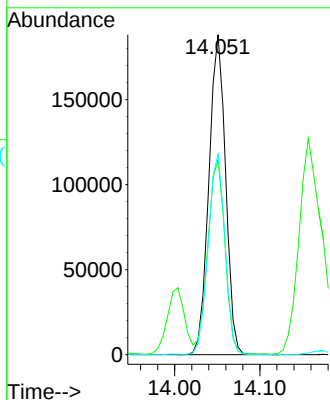
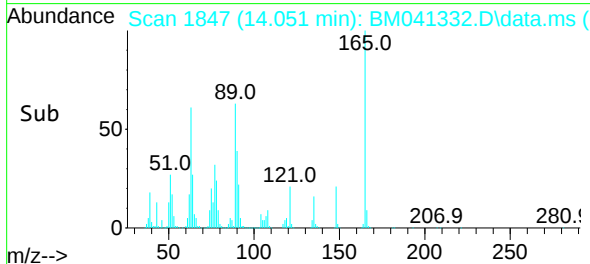
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion:165 Resp: 255990
Ion Ratio Lower Upper
165 100
63 60.9 50.9 76.3
89 62.7 50.6 76.0

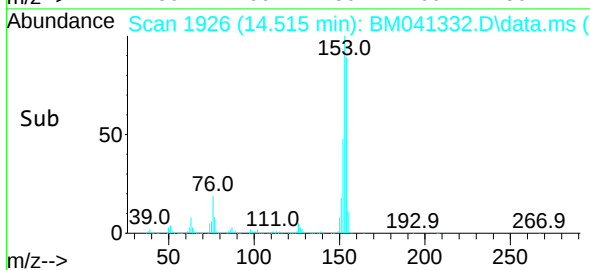
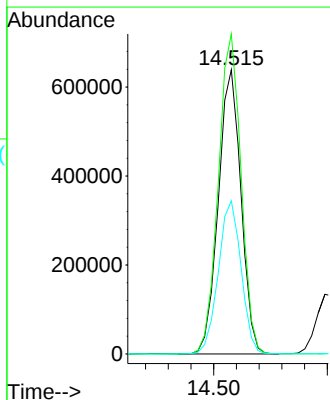
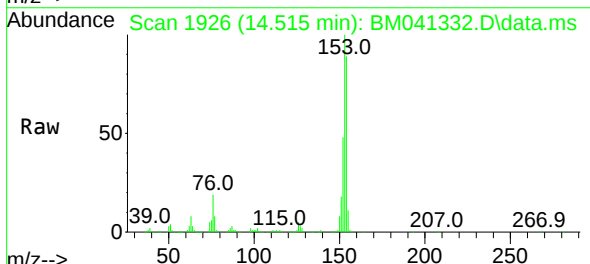
Manual Integrations
APPROVED

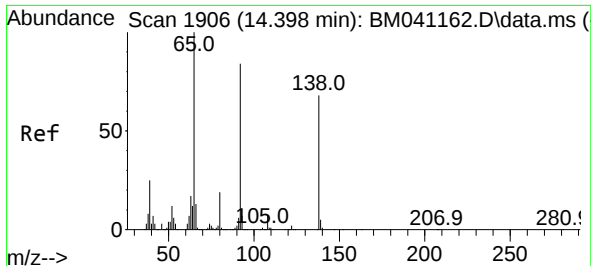
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#52
Acenaphthene
Concen: 45.671 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

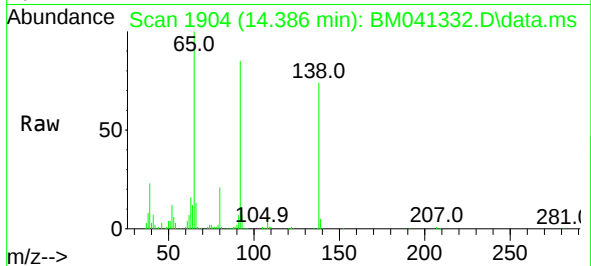
Tgt Ion:154 Resp: 885103
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.4
152 53.9 43.4 65.0





#53
3-Nitroaniline
Concen: 31.557 ng
RT: 14.386 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

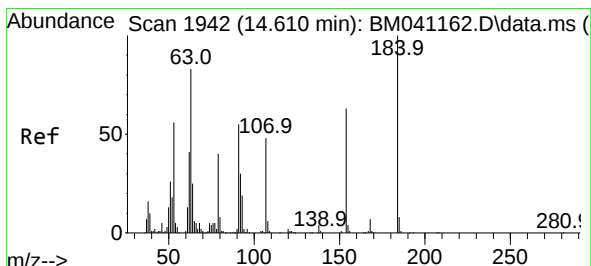
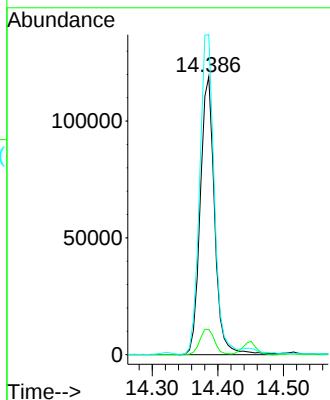
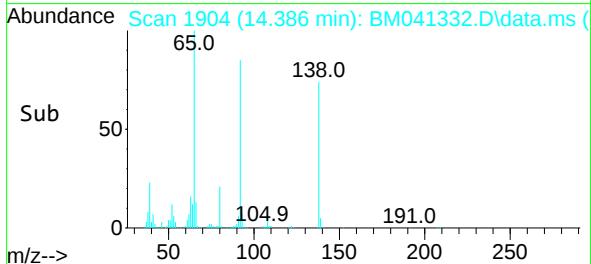
Instrument :
BNA_M
ClientSampleId :
PB154698BS



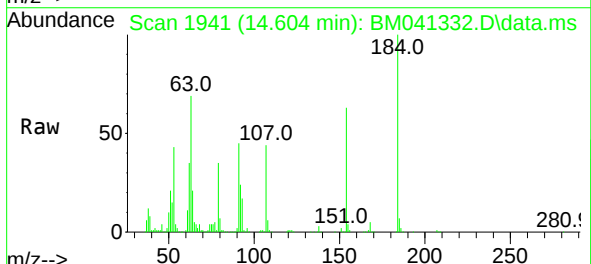
Tgt Ion:138 Resp: 181862
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 115.1 98.9 148.3

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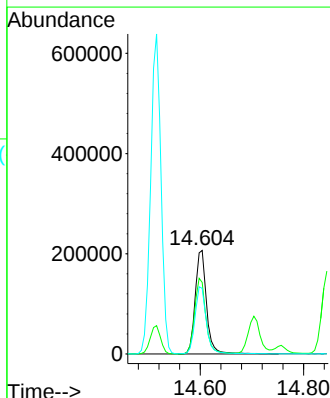
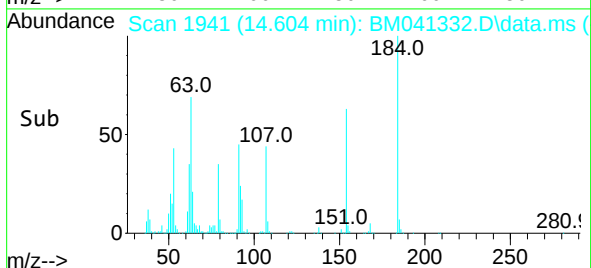
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

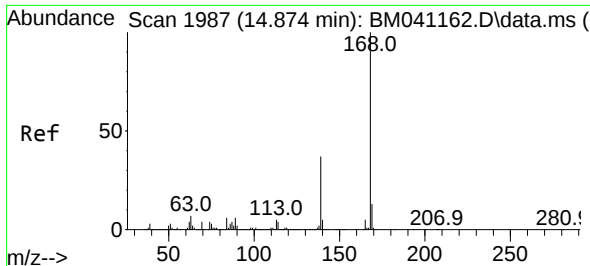


#54
2,4-Dinitrophenol
Concen: 90.196 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



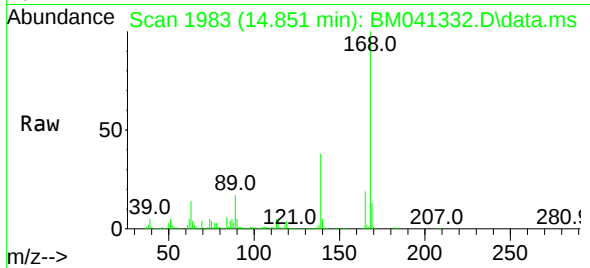
Tgt Ion:184 Resp: 315359
Ion Ratio Lower Upper
184 100
63 69.1 66.5 99.7
154 63.3 52.8 79.2





#55
Dibenzenofuran
Concen: 45.224 ng
RT: 14.851 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

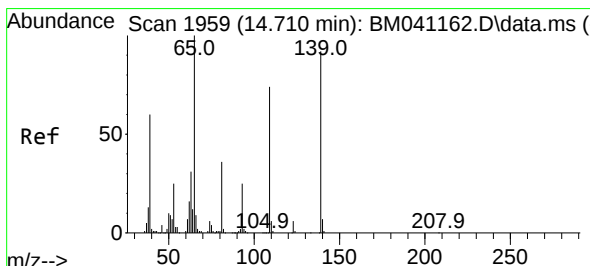
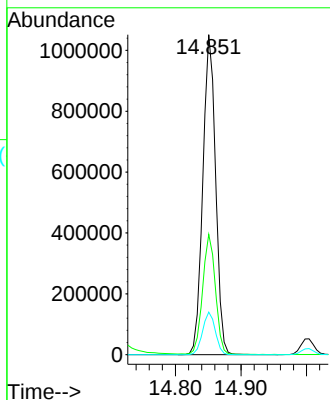
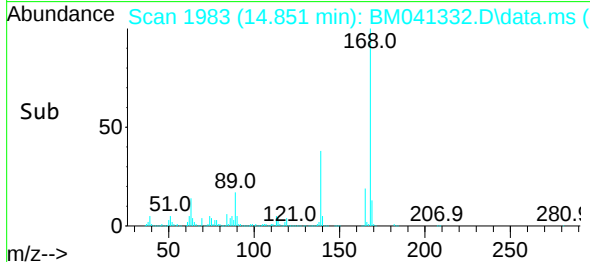
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion:168 Resp: 142994
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.3 10.5 15.7

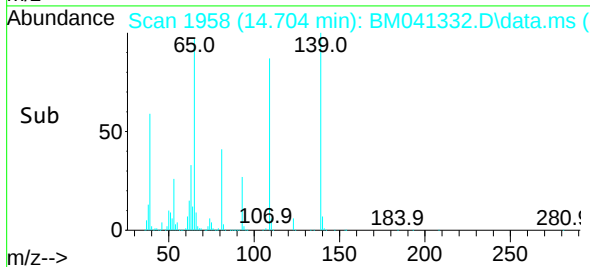
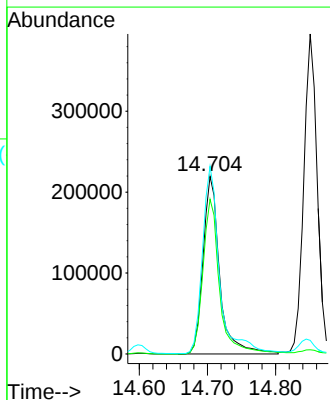
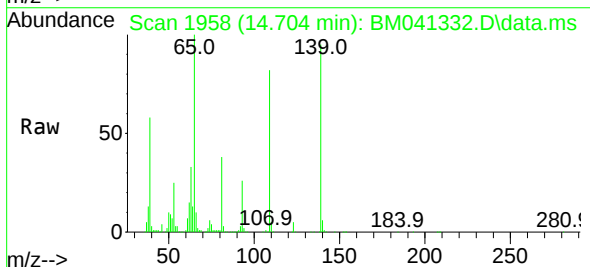
Manual Integrations
APPROVED

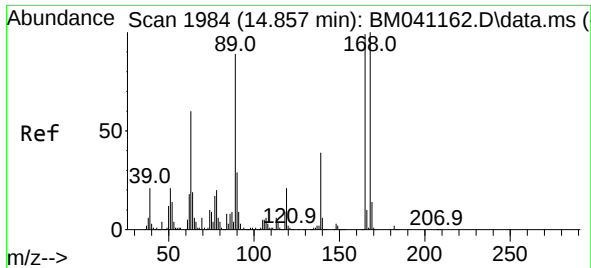
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#56
4-Nitrophenol
Concen: 87.319 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

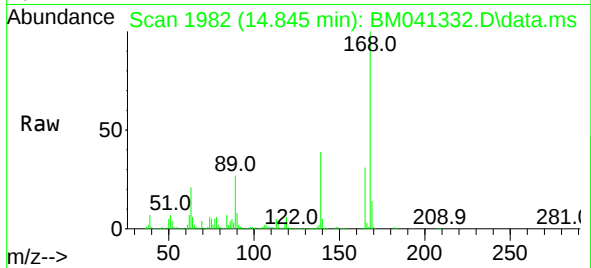
Tgt Ion:139 Resp: 373462
Ion Ratio Lower Upper
139 100
109 87.1 61.2 101.2
65 105.7 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 45.993 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

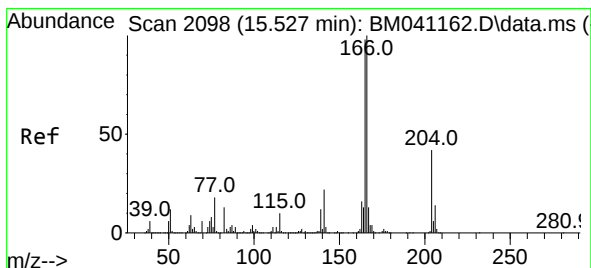
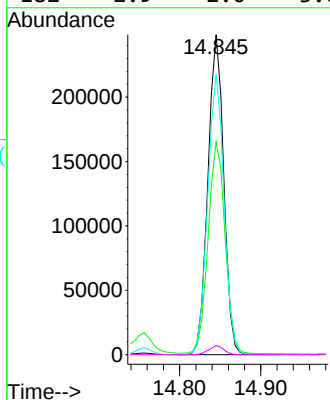
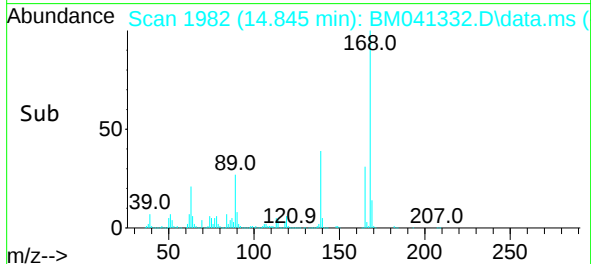
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion:165 Resp: 336198
Ion Ratio Lower Upper
165 100
63 66.6 48.3 72.5
89 87.6 71.8 107.8
182 2.9 2.0 3.0

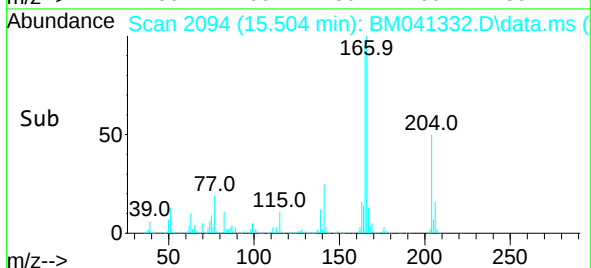
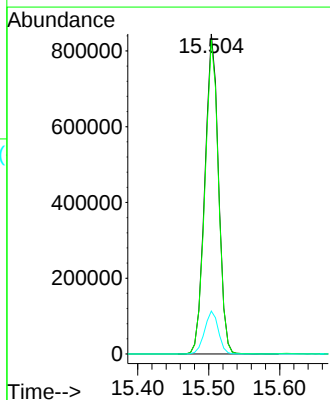
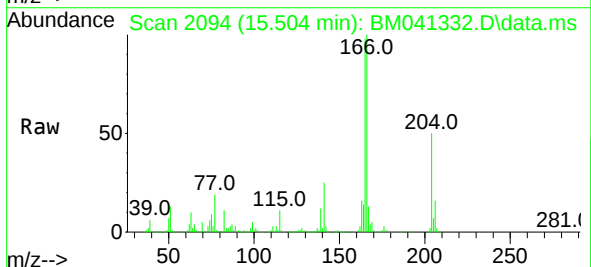
Manual Integrations
APPROVED

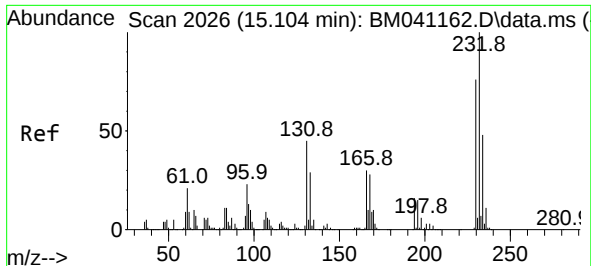
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#58
Fluorene
Concen: 45.187 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

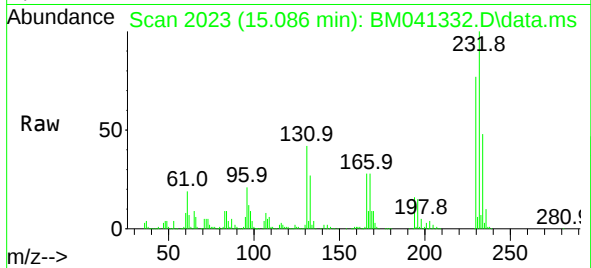
Tgt Ion:166 Resp: 1127150
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.543 ng
RT: 15.086 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

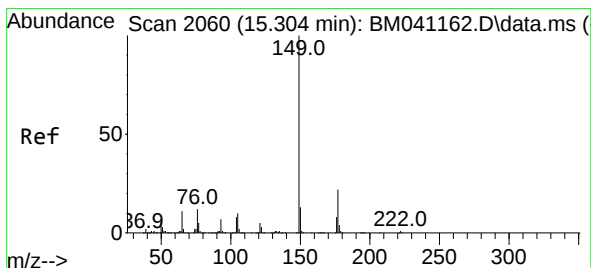
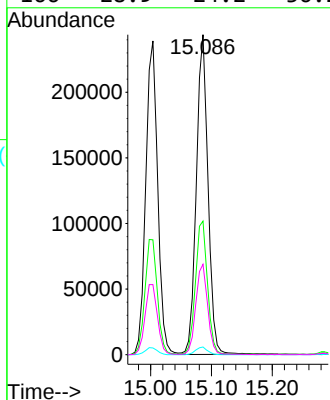
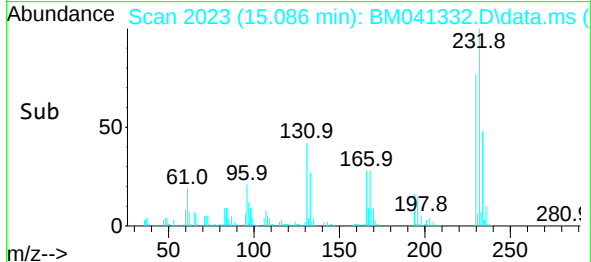
Instrument :
BNA_M
ClientSampleId :
PB154698BS



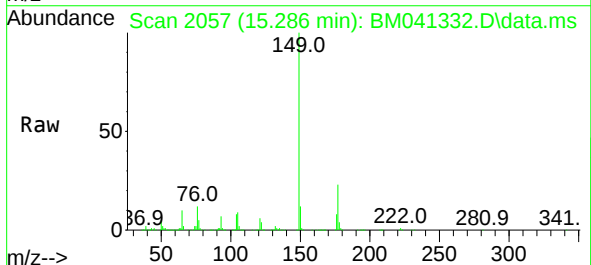
Tgt Ion:232 Resp: 324618
Ion Ratio Lower Upper
232 100
131 43.3 36.9 55.3
130 2.4 2.0 3.0
166 28.9 24.2 36.2

Manual Integrations
APPROVED

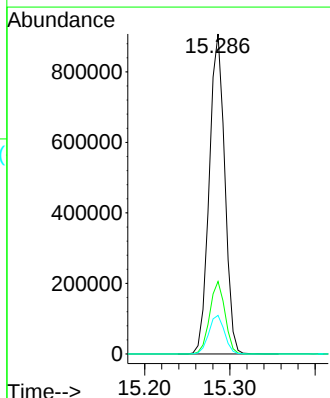
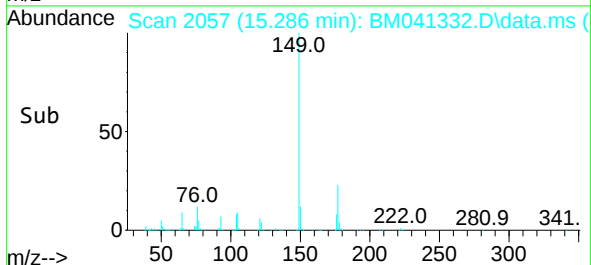
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

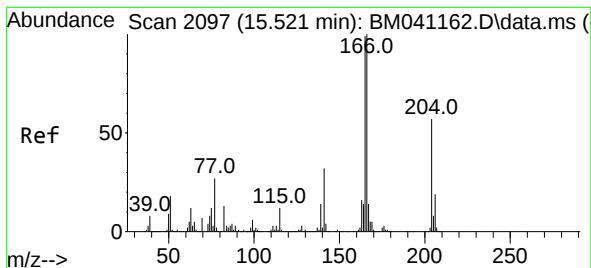


#60
Diethylphthalate
Concen: 47.847 ng
RT: 15.286 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



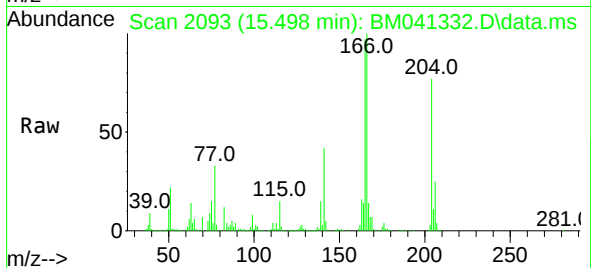
Tgt Ion:149 Resp: 1146001
Ion Ratio Lower Upper
149 100
177 22.7 17.5 26.3
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.217 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

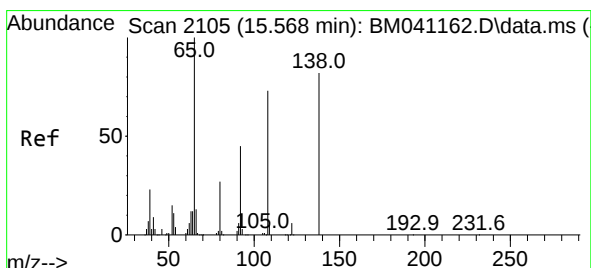
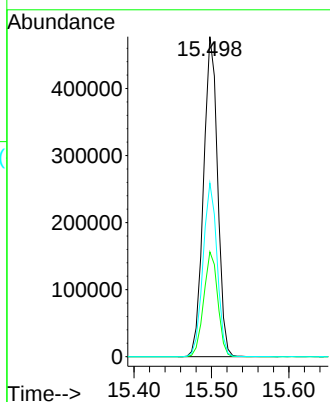
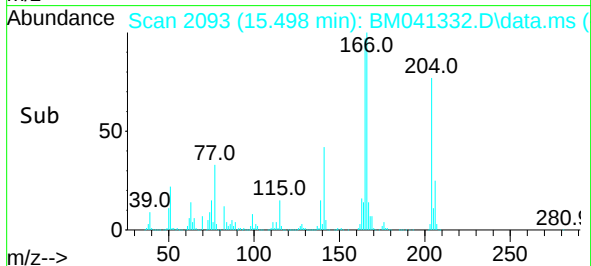
Instrument :
BNA_M
ClientSampleId :
PB154698BS



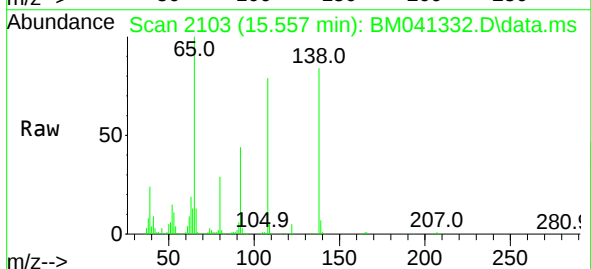
Tgt Ion:204 Resp: 602690
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 54.3 44.8 67.2

Manual Integrations
APPROVED

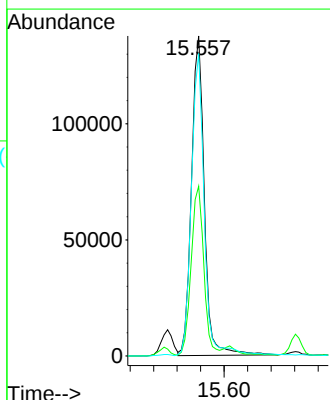
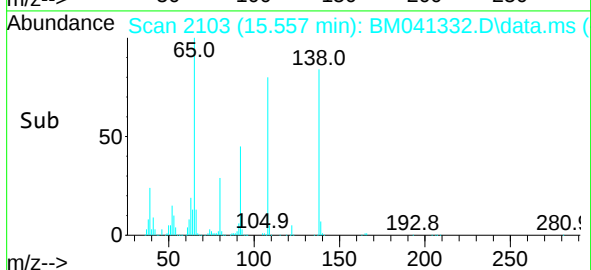
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

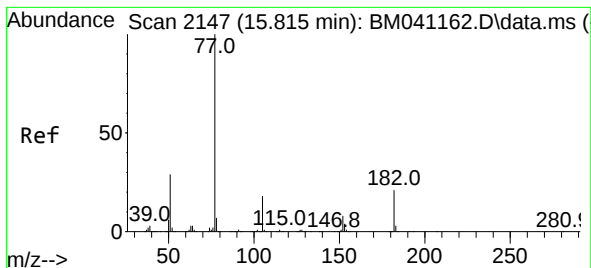


#62
4-Nitroaniline
Concen: 39.026 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



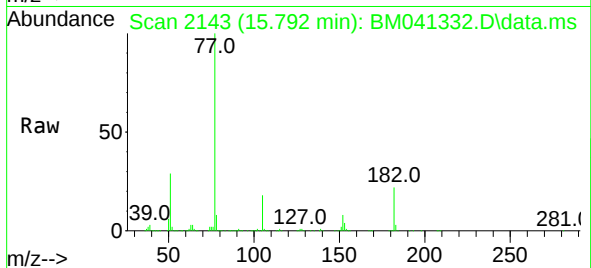
Tgt Ion:138 Resp: 208959
Ion Ratio Lower Upper
138 100
92 53.1 35.1 75.1
108 94.5 67.8 107.8





#63
Azobenzene
Concen: 44.874 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

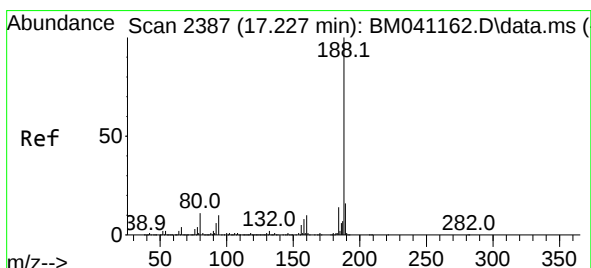
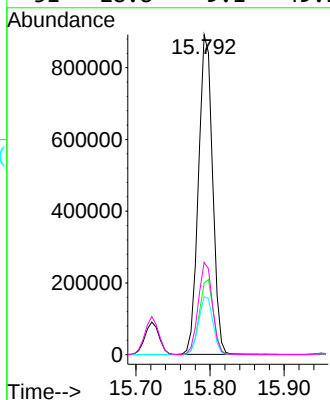
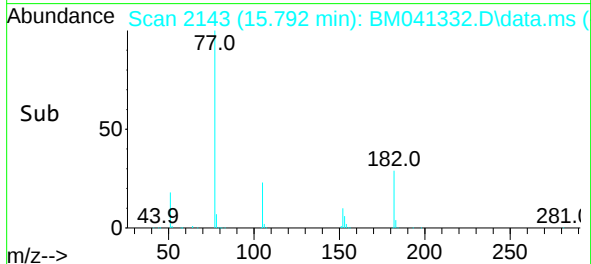
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion: 77 Resp: 117732
Ion Ratio Lower Upper
77 100
182 22.4 1.3 41.3
105 18.1 0.0 38.5
51 28.8 9.1 49.1

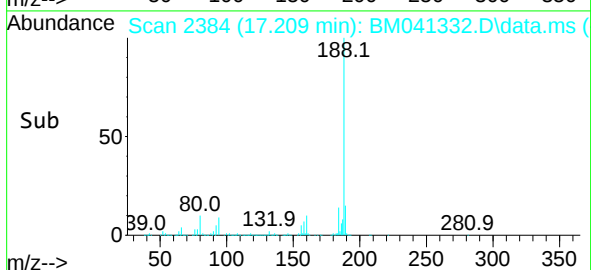
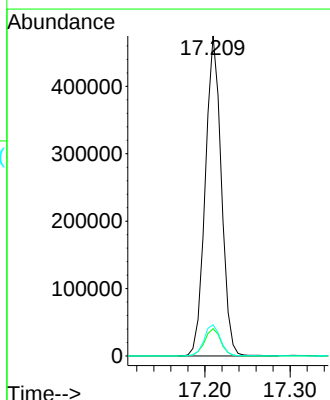
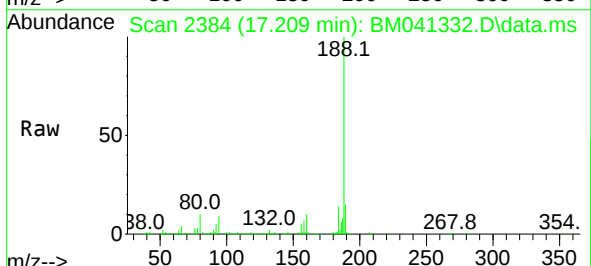
Manual Integrations
APPROVED

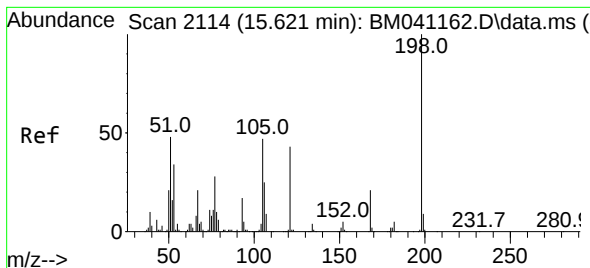
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

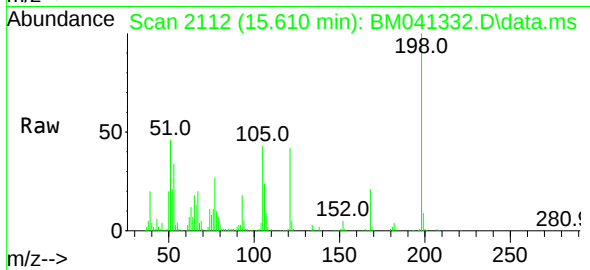
Tgt Ion:188 Resp: 619495
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.8 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 51.917 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

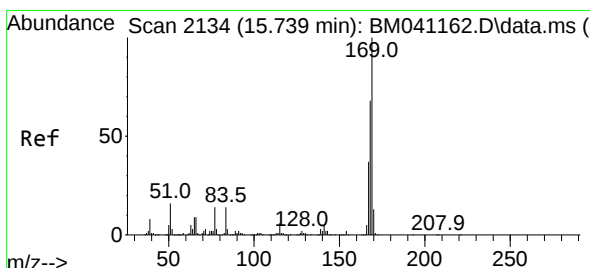
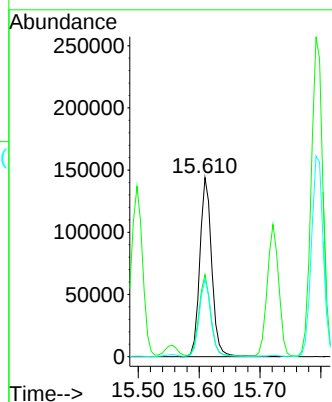
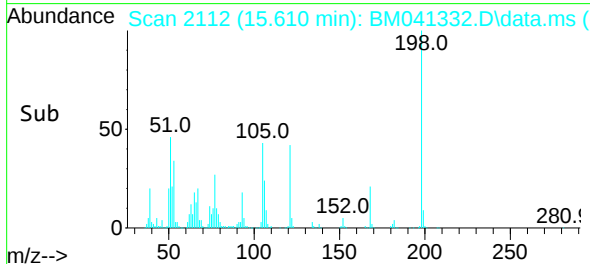
Instrument :
BNA_M
ClientSampleId :
PB154698BS



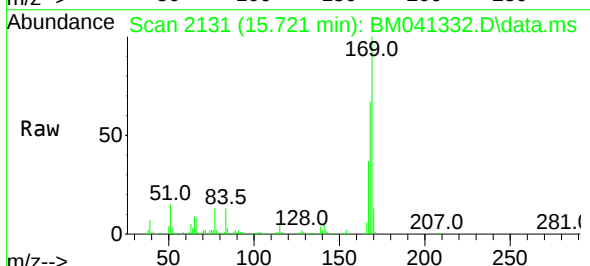
Tgt Ion:198 Resp: 194838
Ion Ratio Lower Upper
198 100
51 45.8 31.7 71.7
105 43.1 27.8 67.8

Manual Integrations
APPROVED

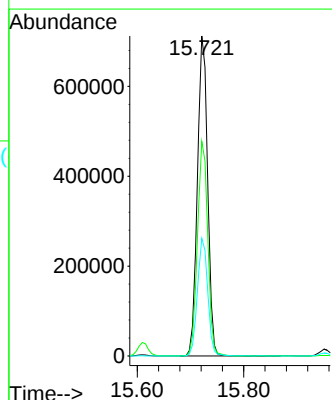
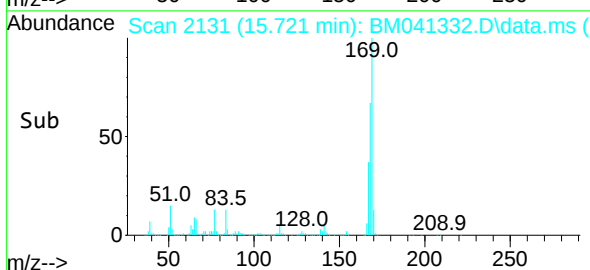
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

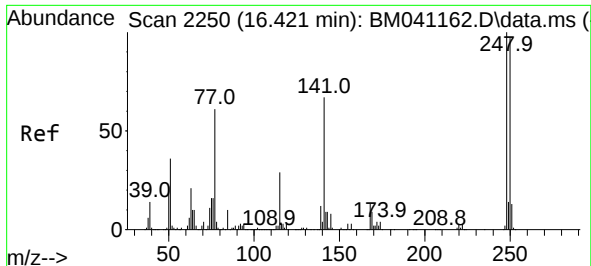


#66
n-Nitrosodiphenylamine
Concen: 49.217 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:169 Resp: 948252
Ion Ratio Lower Upper
169 100
168 67.1 54.6 81.8
167 36.7 29.9 44.9





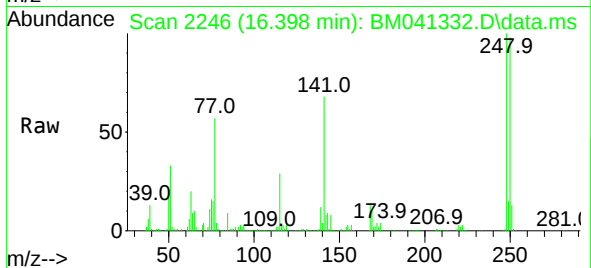
#67
4-Bromophenyl-phenylether
Concen: 52.338 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

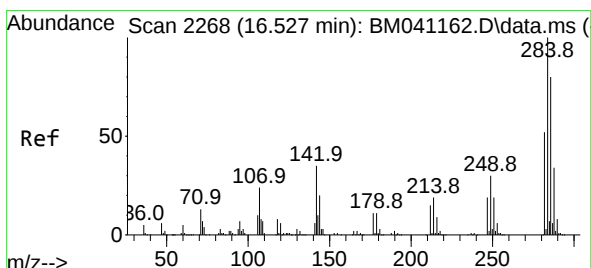
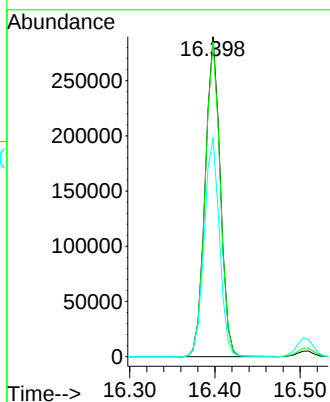
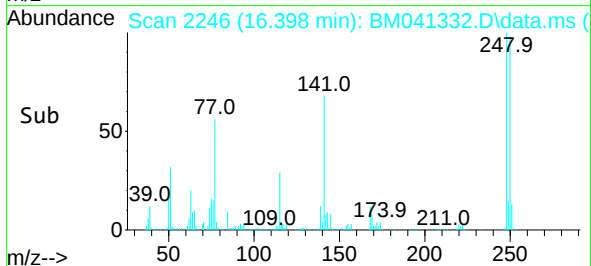


Tgt Ion:248 Resp: 35549
Ion Ratio Lower Upper
248 100
250 98.2 78.0 117.0
141 68.3 53.8 80.8

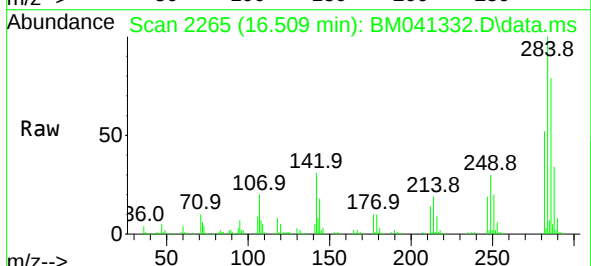
Manual Integrations

APPROVED

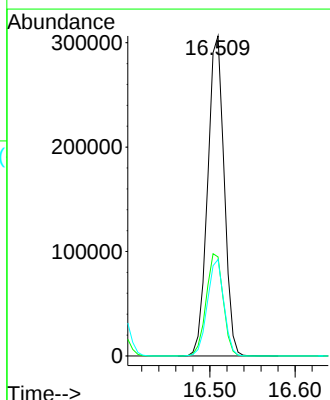
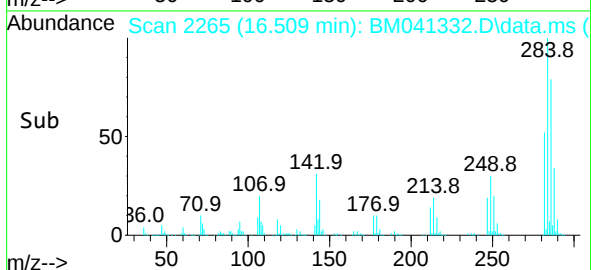
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

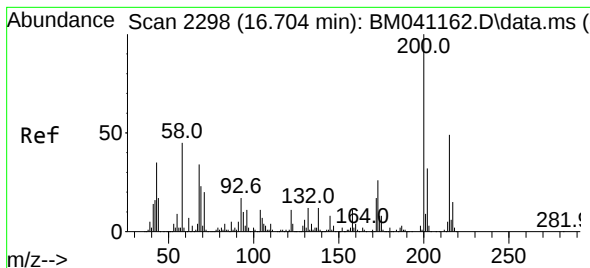


#68
Hexachlorobenzene
Concen: 54.500 ng
RT: 16.509 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:284 Resp: 411626
Ion Ratio Lower Upper
284 100
142 30.9 28.0 42.0
249 30.2 23.7 35.5





#69

Atrazine

Concen: 64.804 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

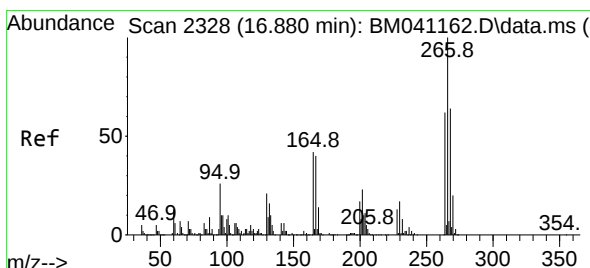
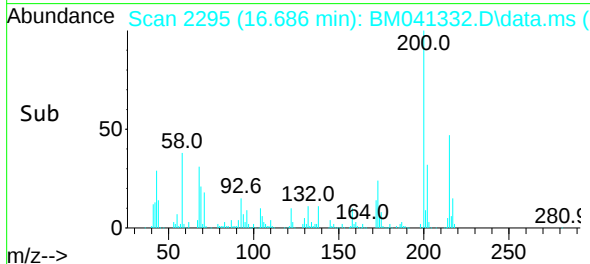
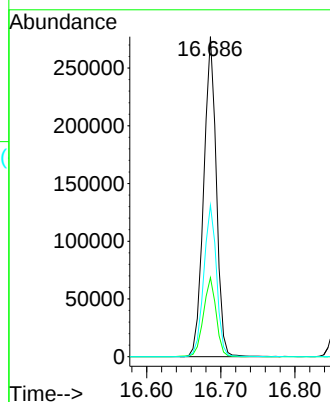
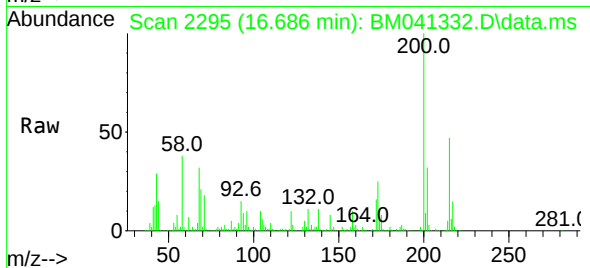
Tgt Ion:200 Resp: 327889
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.6 45.6
 215 47.3 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#70

Pentachlorophenol

Concen: 85.155 ng

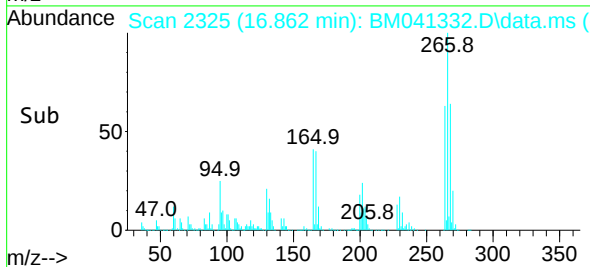
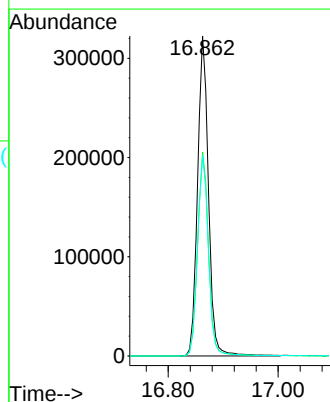
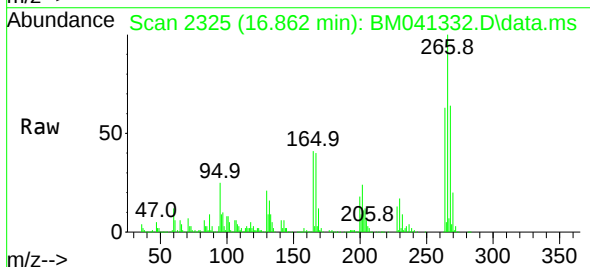
RT: 16.862 min Scan# 2325

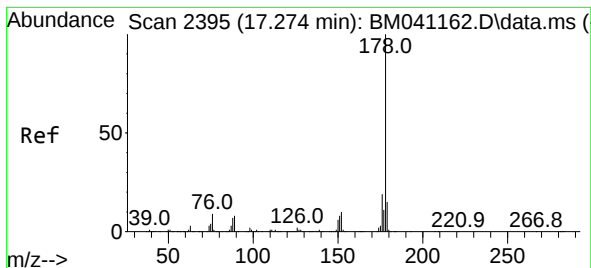
Delta R.T. -0.006 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

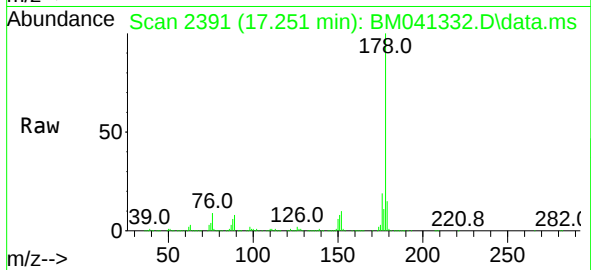
Tgt Ion:266 Resp: 445353
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.0 76.6
 264 62.6 49.4 74.2





#71
Phenanthrene
Concen: 46.139 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

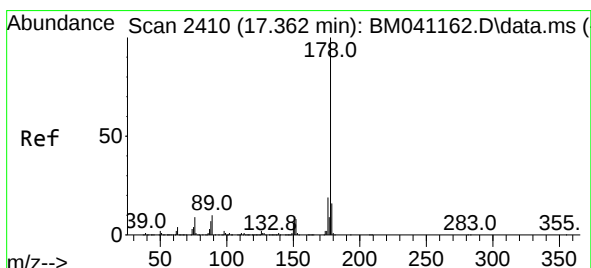
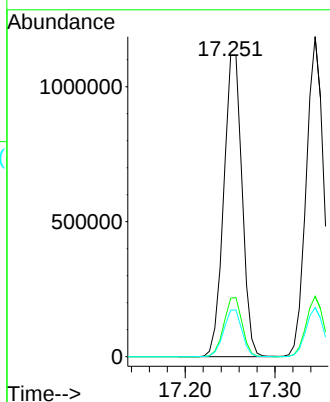
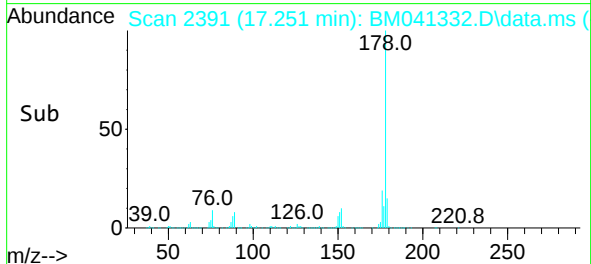
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion:178 Resp: 158806
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.1 18.1

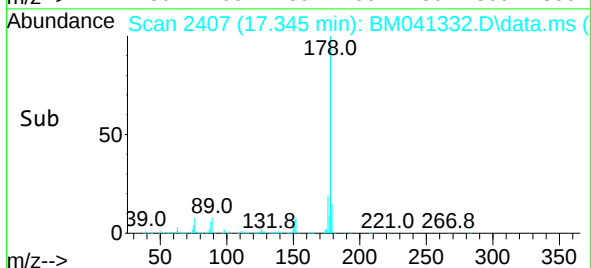
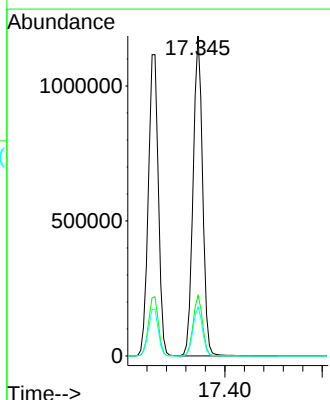
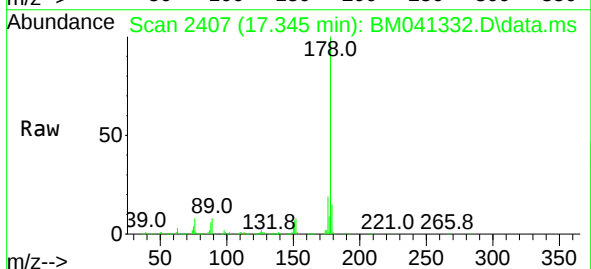
Manual Integrations
APPROVED

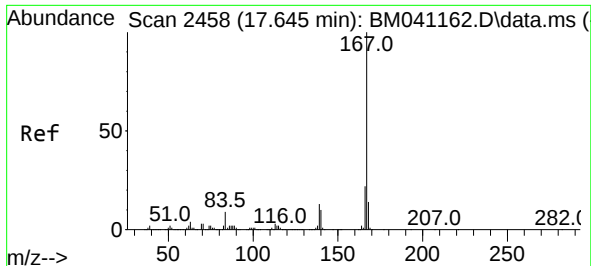
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#72
Anthracene
Concen: 47.387 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

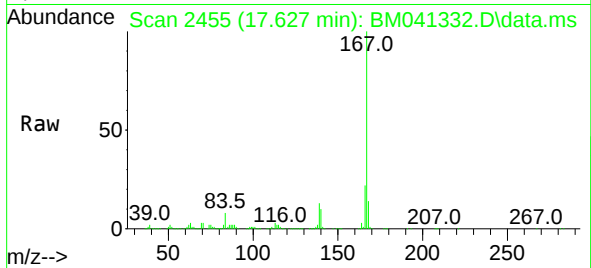
Tgt Ion:178 Resp: 1613125
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 44.619 ng
 RT: 17.627 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM041332.D
 Acq: 08 Aug 2023 17:21

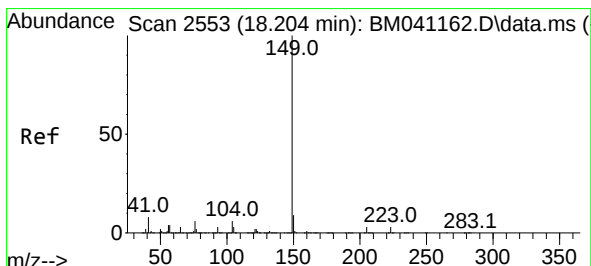
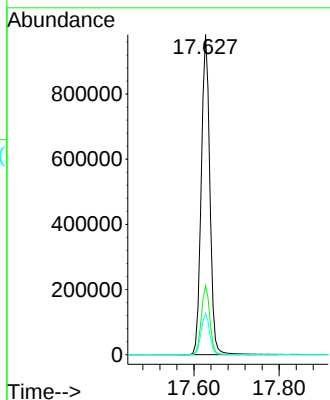
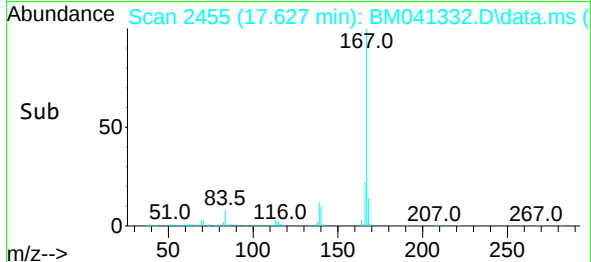
Instrument :
 BNA_M
 ClientSampleId :
 PB154698BS



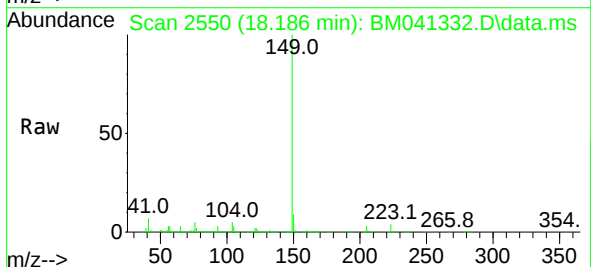
Tgt Ion:167 Resp: 1374768
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.8 10.3 15.5

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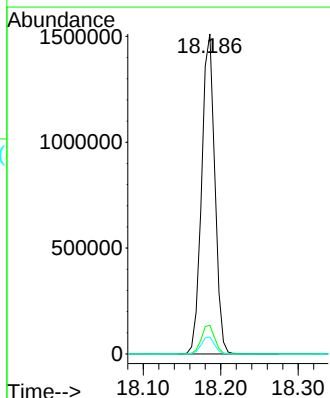
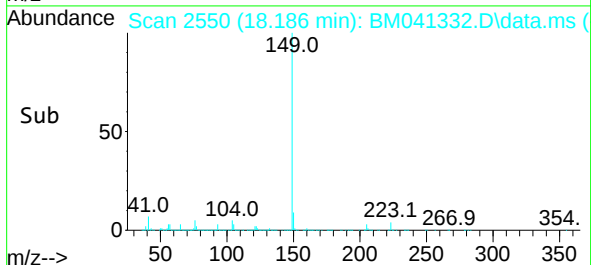
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

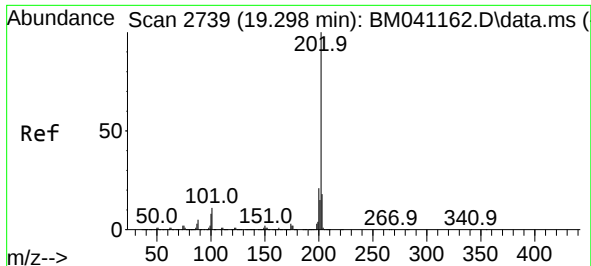


#74
 Di-n-butylphthalate
 Concen: 51.259 ng
 RT: 18.186 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BM041332.D
 Acq: 08 Aug 2023 17:21



Tgt Ion:149 Resp: 1784679
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.3 4.5 6.7





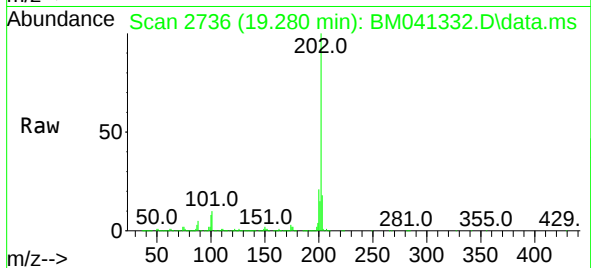
#75
Fluoranthene
Concen: 42.938 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS



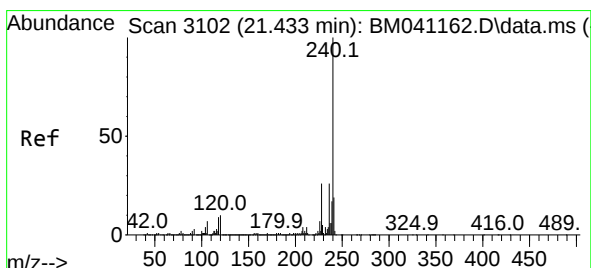
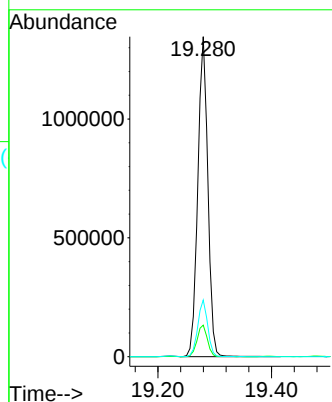
Tgt Ion:202 Resp: 166041
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.8
203 17.7 0.0 37.6

Manual Integrations

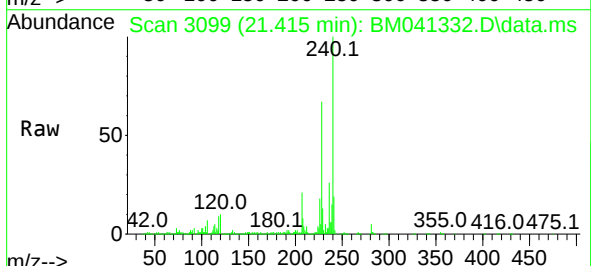
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

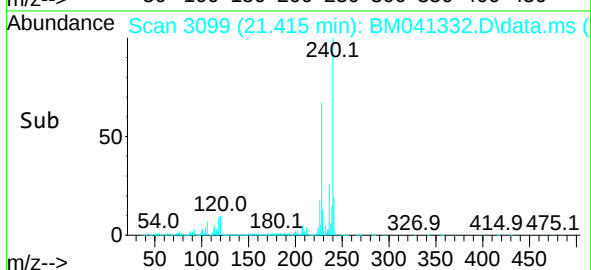
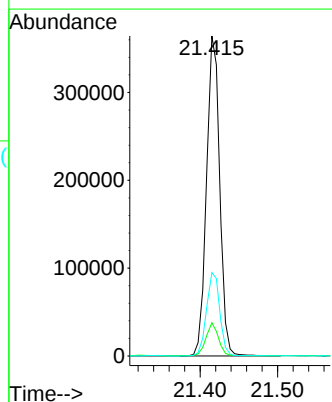
Supervised By :mohammad ahmed 08/09/2023

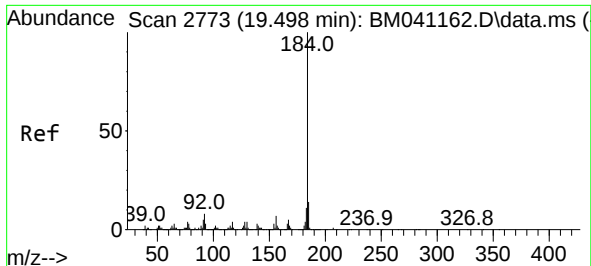


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:240 Resp: 430569
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.0 20.6 30.8





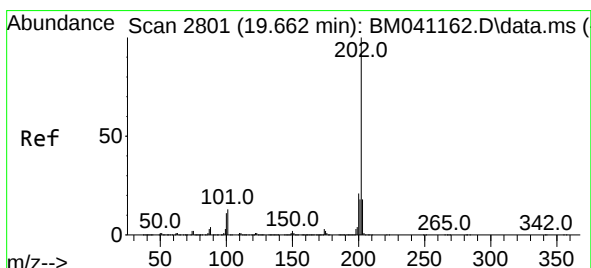
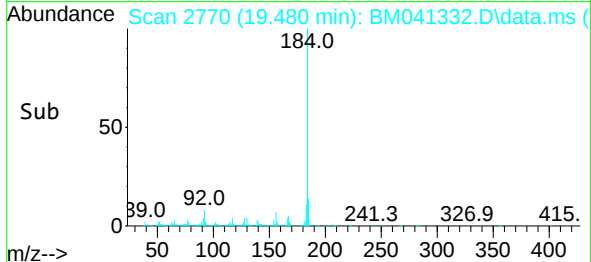
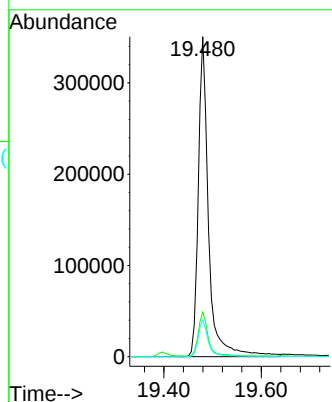
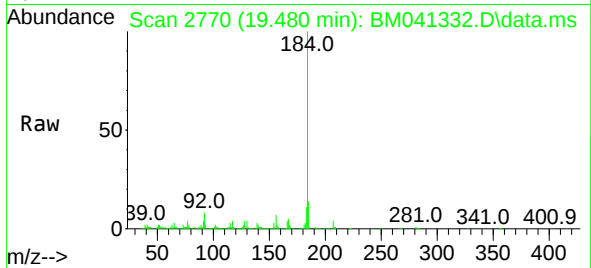
#77
Benzidine
Concen: 87.833 ng
RT: 19.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion:184 Resp: 515450
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.4 9.2 13.8

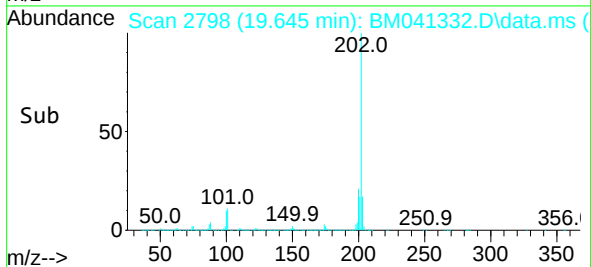
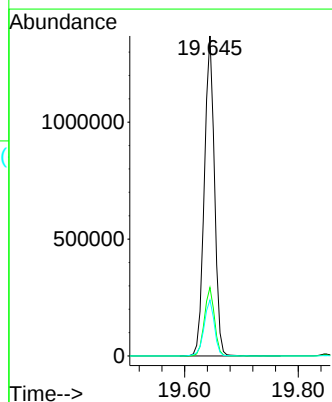
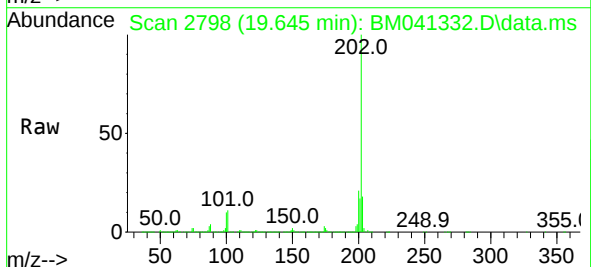
Manual Integrations
APPROVED

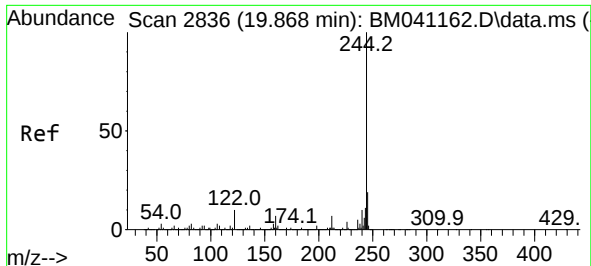
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#78
Pyrene
Concen: 56.138 ng
RT: 19.645 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion:202 Resp: 1690332
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.5 14.1 21.1





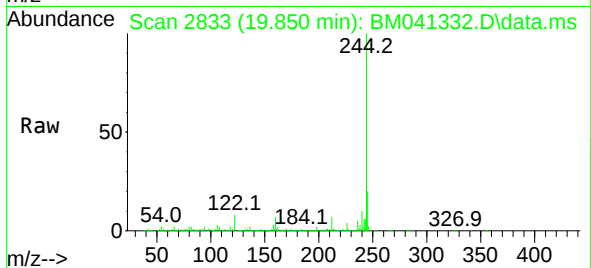
#79
 Terphenyl-d14
 Concen: 111.922 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041332.D
 Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS



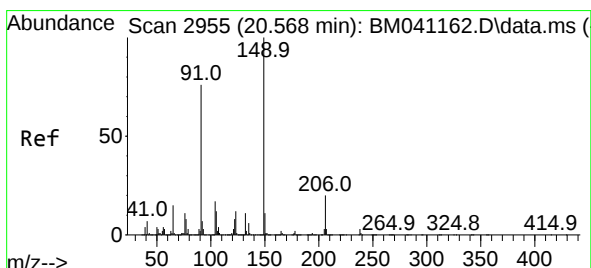
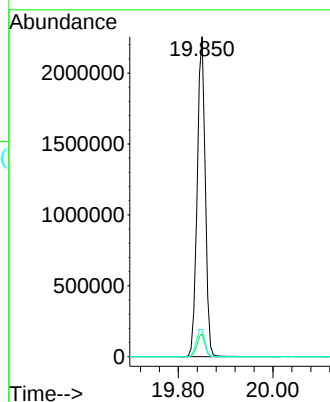
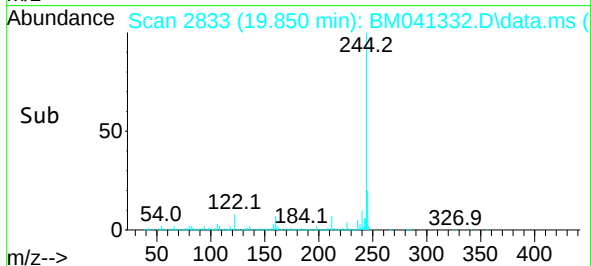
Tgt Ion:244 Resp: 266531
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.5 7.8 11.6

Manual Integrations

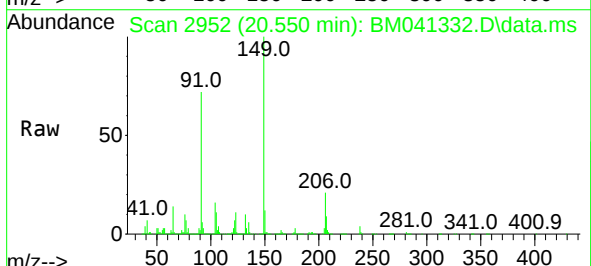
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

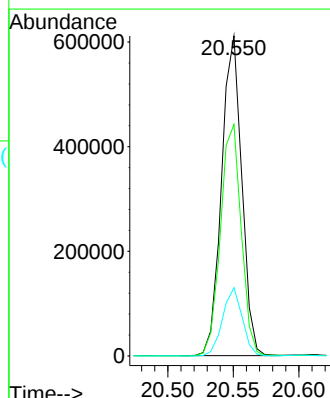
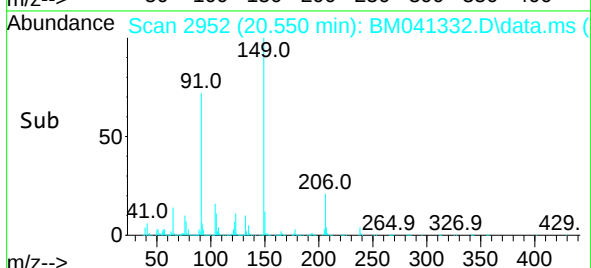
Supervised By :mohammad ahmed 08/09/2023

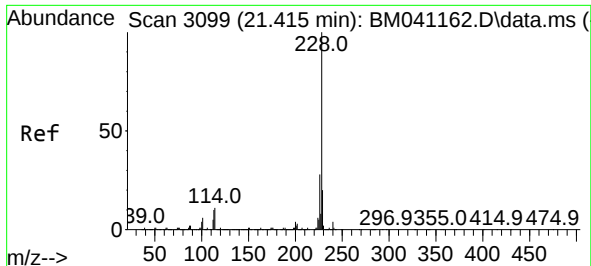


#80
 Butylbenzylphthalate
 Concen: 59.411 ng
 RT: 20.550 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: BM041332.D
 Acq: 08 Aug 2023 17:21



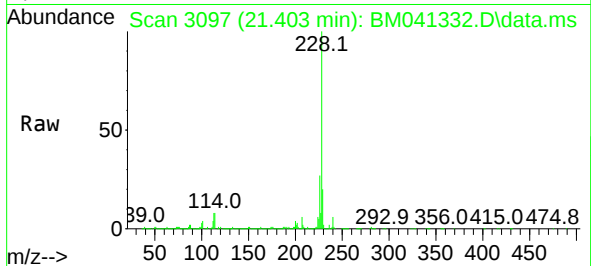
Tgt Ion:149 Resp: 653264
 Ion Ratio Lower Upper
 149 100
 91 72.4 60.8 91.2
 206 21.3 16.4 24.6





#81
Benzo(a)anthracene
Concen: 48.984 ng
RT: 21.403 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

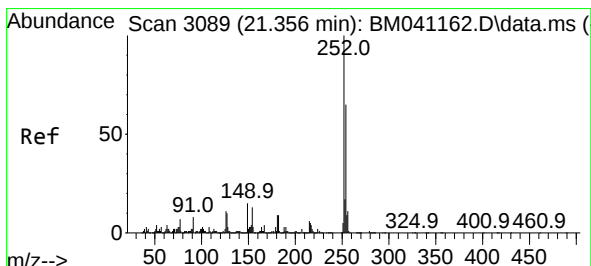
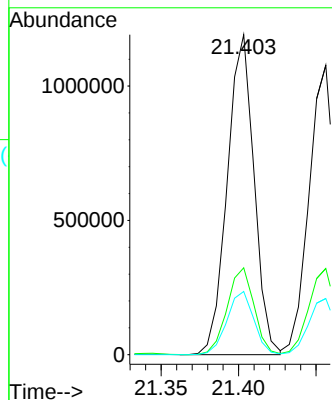
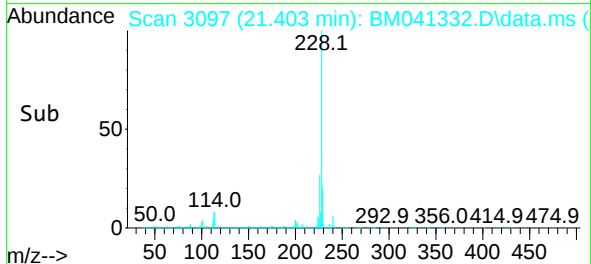
Instrument :
BNA_M
ClientSampleId :
PB154698BS



Tgt Ion:228 Resp: 142980
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 19.8 15.8 23.8

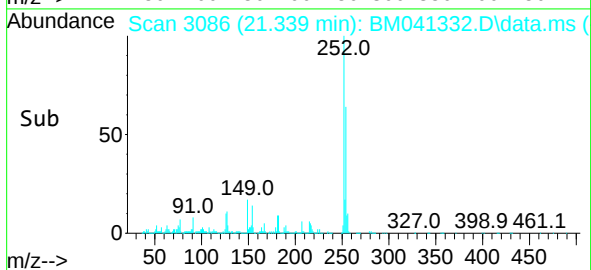
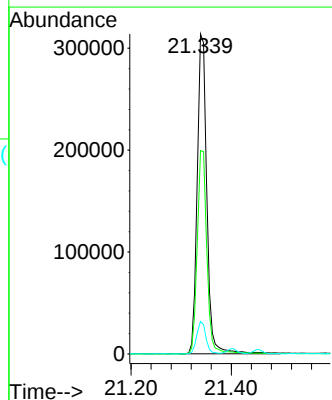
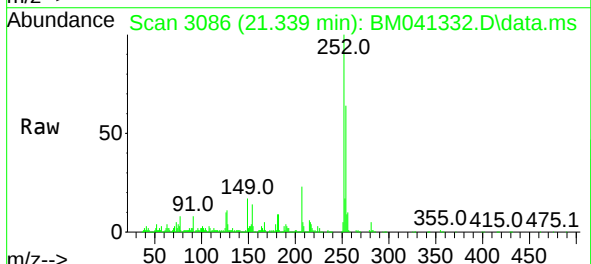
Manual Integrations
APPROVED

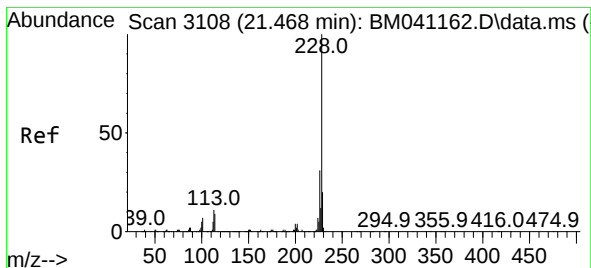
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.865 ng
RT: 21.339 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion:252 Resp: 417803
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.6
126 10.1 8.6 13.0





#83

Chrysene

Concen: 46.608 ng

RT: 21.456 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

Tgt Ion:228 Resp: 131588

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

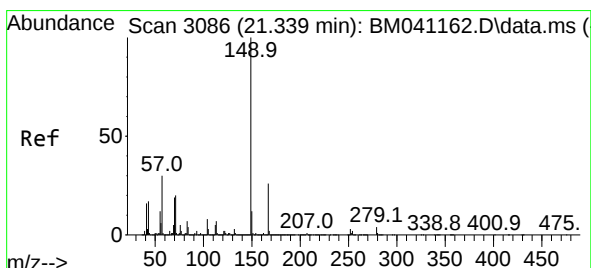
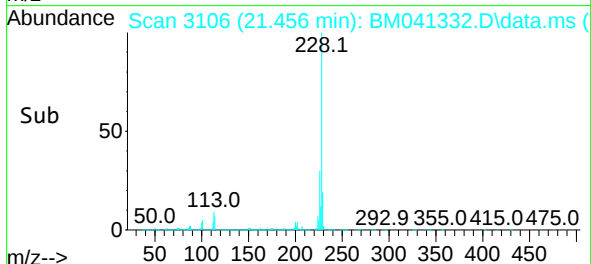
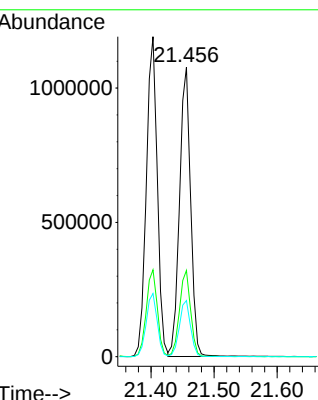
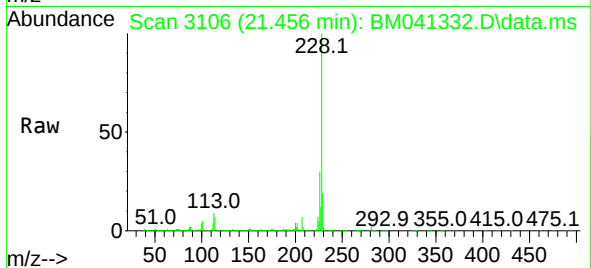
229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.743 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

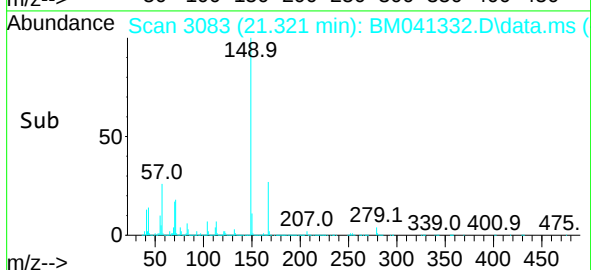
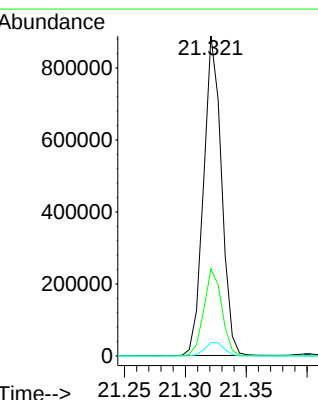
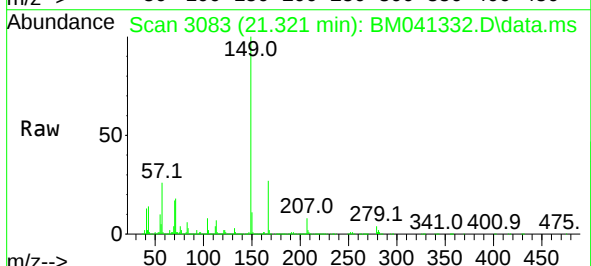
Tgt Ion:149 Resp: 907179

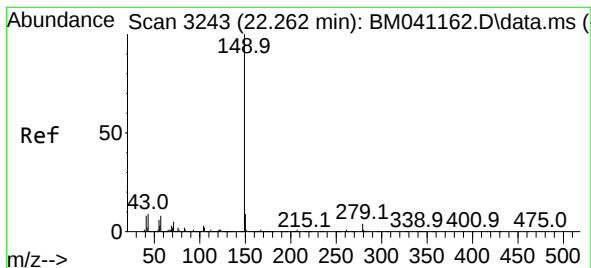
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.6

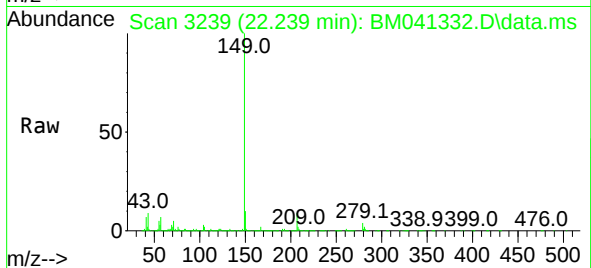
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 52.285 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

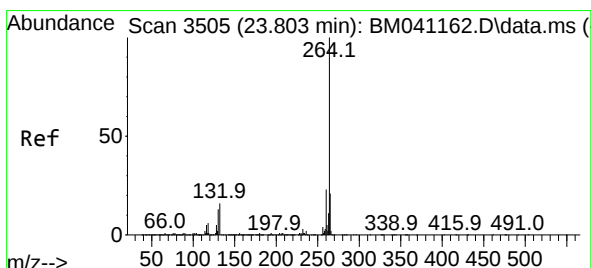
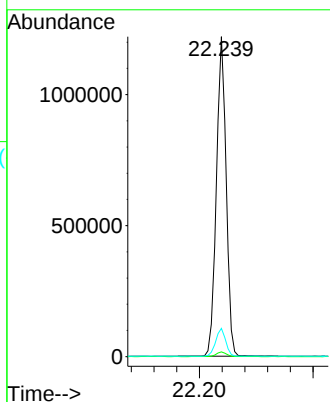
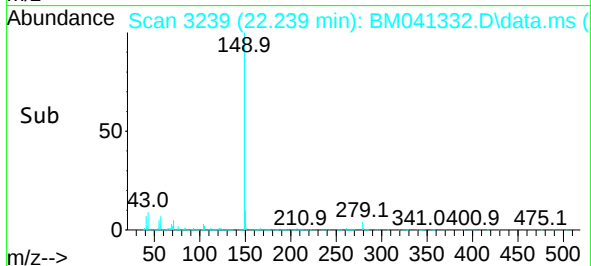
Instrument :
BNA_M
ClientSampleId :
PB154698BS



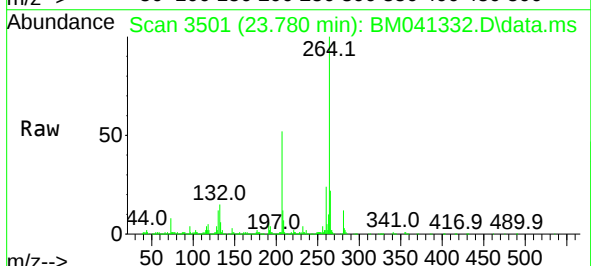
Tgt Ion:149 Resp: 145299
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 8.3 12.5

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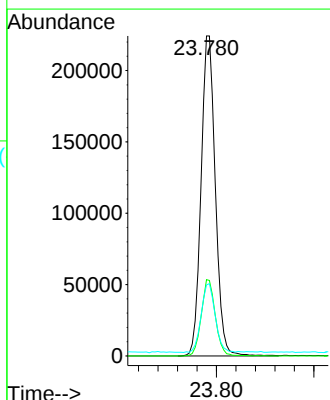
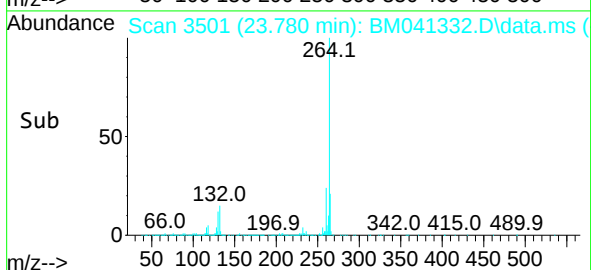
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

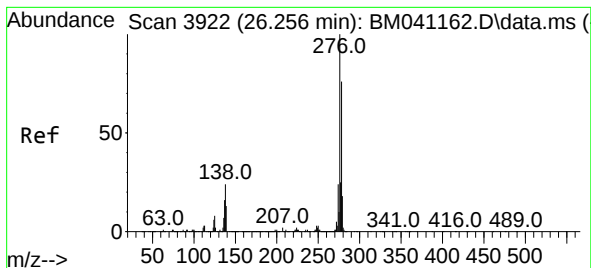


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21



Tgt Ion:264 Resp: 455892
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.243 ng

RT: 26.238 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS

Tgt Ion:276 Resp: 168404

Ion Ratio Lower Upper

276 100

138 21.2 20.0 30.0

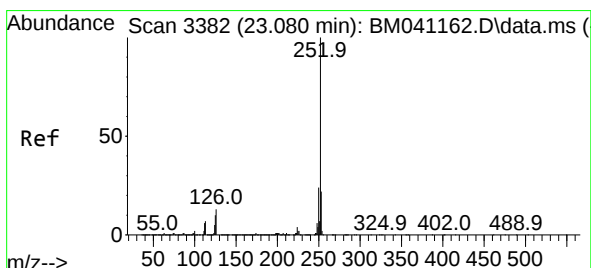
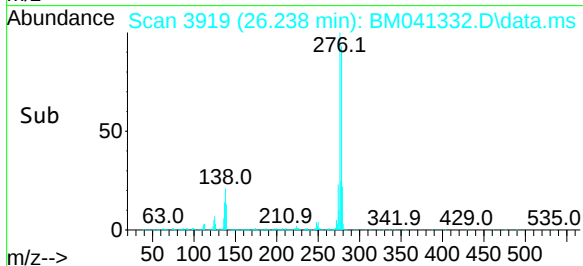
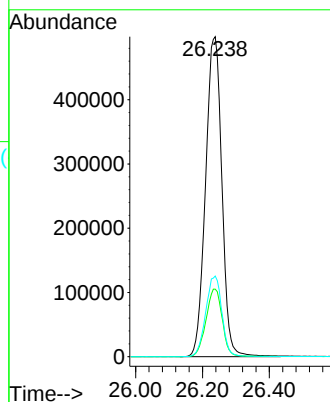
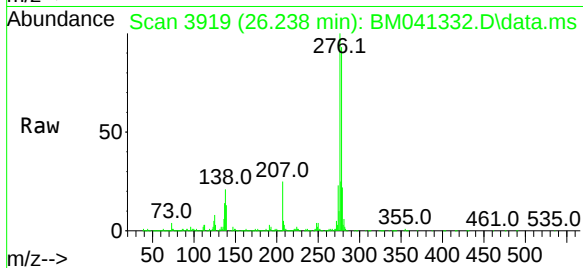
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#88

Benzo(b)fluoranthene

Concen: 49.178 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

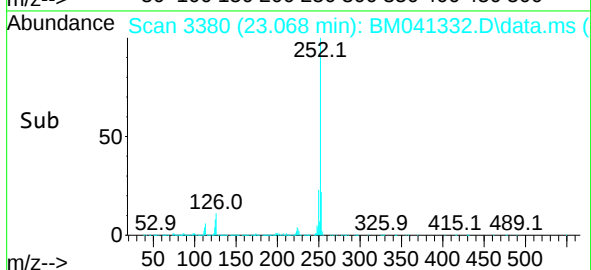
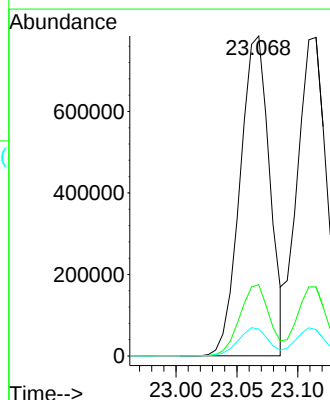
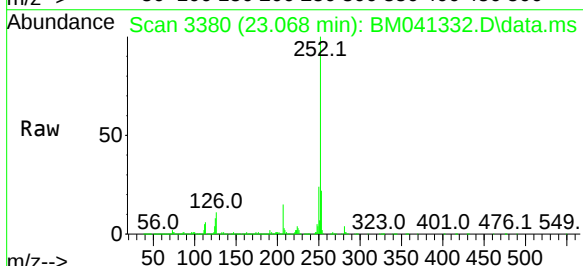
Tgt Ion:252 Resp: 1331884

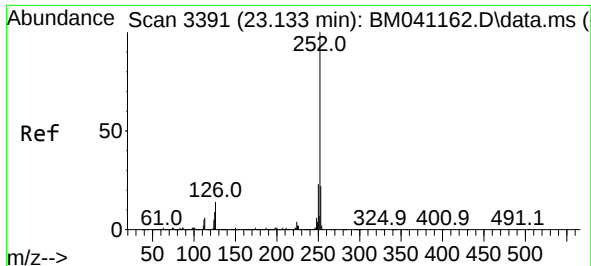
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.4 8.2 12.4





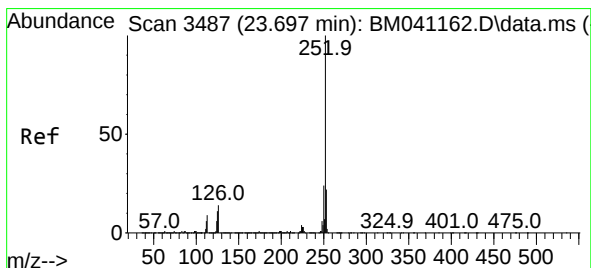
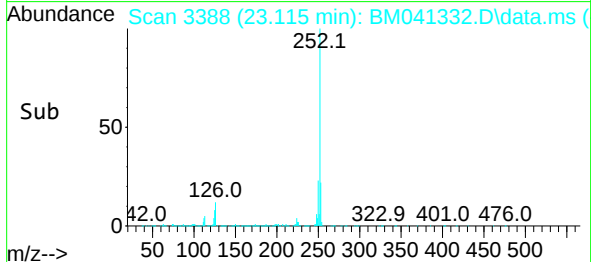
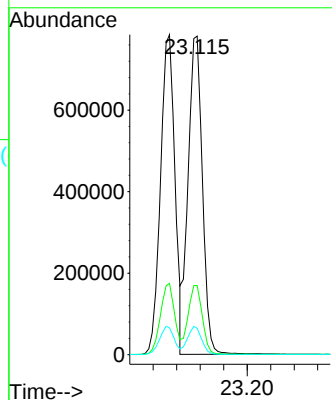
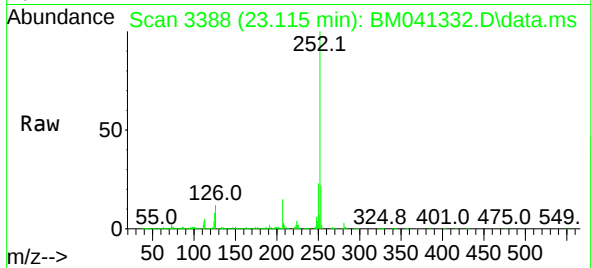
#89
Benzo(k)fluoranthene
Concen: 47.518 ng
RT: 23.115 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PB154698BS

Tgt Ion:252 Resp: 131639
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.3 7.6 11.4

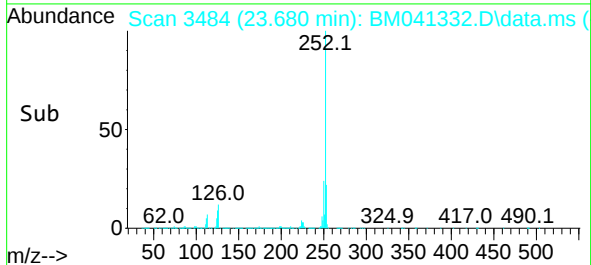
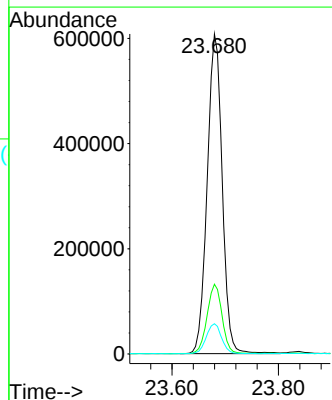
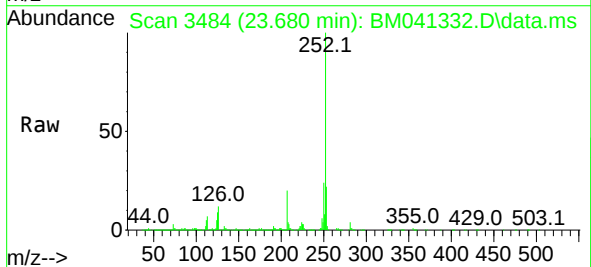
Manual Integrations
APPROVED

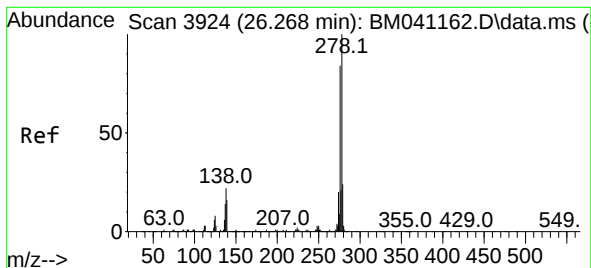
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#90
Benzo(a)pyrene
Concen: 45.675 ng
RT: 23.680 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BM041332.D
Acq: 08 Aug 2023 17:21

Tgt Ion:252 Resp: 1188601
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 50.720 ng

RT: 26.244 min Scan# 3924

Delta R.T. -0.012 min

Lab File: BM041332.D

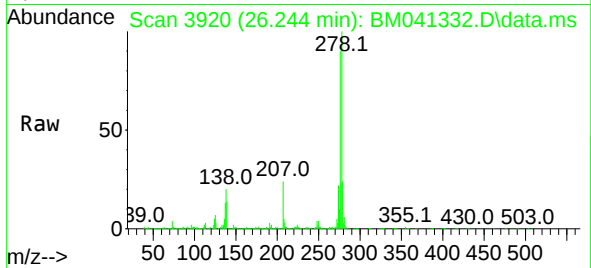
Acq: 08 Aug 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PB154698BS



Tgt Ion:278 Resp: 1417954

Ion Ratio Lower Upper

278 100

139 13.6 12.7 19.1

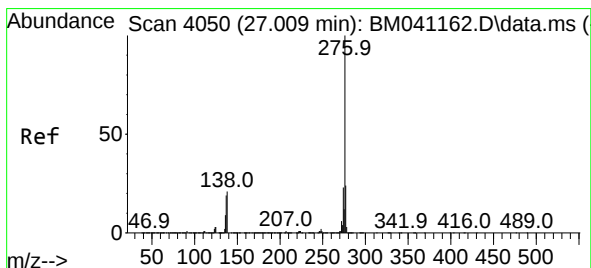
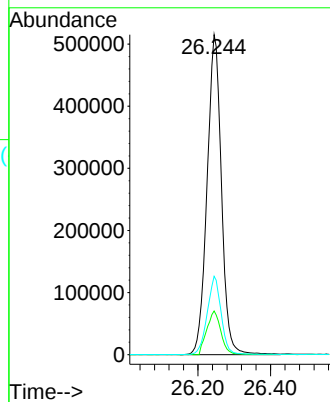
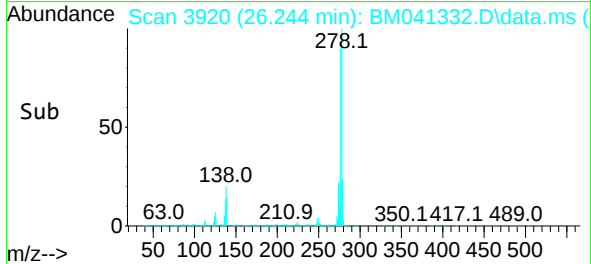
279 24.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#92

Benzo(g,h,i)perylene

Concen: 49.111 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041332.D

Acq: 08 Aug 2023 17:21

Tgt Ion:276 Resp: 1343448

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 18.2 17.1 25.7

