

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041175.D
 Acq On : 28 Jul 2023 21:00
 Operator : MA/JU
 Sample : 03645-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 29 01:19:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	193205	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	741556	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	413329	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	855318	20.000	ng	0.00
76) Chrysene-d12	21.427	240	829098	20.000	ng	0.00
86) Perylene-d12	23.797	264	953040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1274916	98.624	ng	0.00
7) Phenol-d6	6.987	99	1699807	101.442	ng	0.00
23) Nitrobenzene-d5	8.981	82	1038401	65.120	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	619684	105.996	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2138068	65.345	ng	0.00
79) Terphenyl-d14	19.862	244	3259782	71.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	199360	36.050	ng	99
3) Pyridine	3.675	79	510111m	35.082	ng	
4) n-Nitrosodimethylamine	3.587	42	287422	42.740	ng	96
6) Aniline	7.140	93	791045	40.339	ng	99
8) 2-Chlorophenol	7.369	128	596694	47.282	ng	100
9) Benzaldehyde	6.951	77	403911m	45.682	ng	
10) Phenol	7.010	94	782933	48.377	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	597034	45.574	ng	98
12) 1,3-Dichlorobenzene	7.692	146	638108	46.452	ng	99
13) 1,4-Dichlorobenzene	7.839	146	650972	47.147	ng	99
14) 1,2-Dichlorobenzene	8.157	146	617270	46.626	ng	99
15) Benzyl Alcohol	8.057	79	540064	51.036	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	790938	45.314	ng	99
17) 2-Methylphenol	8.263	107	502632	45.459	ng	100
18) Hexachloroethane	8.875	117	243124	47.297	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	468968	46.078	ng	99
20) 3+4-Methylphenols	8.592	107	685703	46.383	ng	99
22) Acetophenone	8.645	105	885028	45.063	ng	# 100
24) Nitrobenzene	9.022	77	698142	43.294	ng	99
25) Isophorone	9.551	82	1253446	46.307	ng	100
26) 2-Nitrophenol	9.733	139	306987	48.698	ng	97
27) 2,4-Dimethylphenol	9.798	122	513169	46.261	ng	100
28) bis(2-Chloroethoxy)met...	10.033	93	759574	44.798	ng	99
29) 2,4-Dichlorophenol	10.269	162	543659	48.599	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	564872	45.704	ng	98
31) Naphthalene	10.663	128	1762958	43.810	ng	100
32) Benzoic acid	9.957	122	402637	48.279	ng	98
33) 4-Chloroaniline	10.792	127	635498	39.517	ng	99
34) Hexachlorobutadiene	10.933	225	332959	44.793	ng	98
35) Caprolactam	11.610	113	162409m	50.187	ng	
36) 4-Chloro-3-methylphenol	11.922	107	569391	48.360	ng	99
37) 2-Methylnaphthalene	12.280	142	1198580	44.180	ng	99
38) 1-Methylnaphthalene	12.504	142	1119548	44.091	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	612424	45.631	ng	99
41) Hexachlorocyclopentadiene	12.616	237	668146	94.099	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	413685	48.090	ng	99

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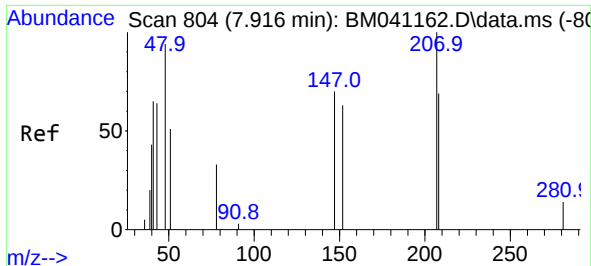
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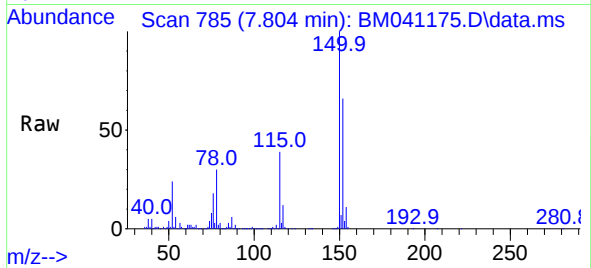
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	450192	45.216	ng	98
46) 1,1'-Biphenyl	13.298	154	1514855	45.209	ng	99
47) 2-Chloronaphthalene	13.339	162	1166928	46.641	ng	99
48) 2-Nitroaniline	13.563	65	388233	48.613	ng	98
49) Acenaphthylene	14.192	152	1840084	45.565	ng	99
50) Dimethylphthalate	13.939	163	1533280	49.315	ng	99
51) 2,6-Dinitrotoluene	14.069	165	304357	47.245	ng	97
52) Acenaphthene	14.533	154	1110294	45.638	ng	100
53) 3-Nitroaniline	14.398	138	314313	42.477	ng	95
54) 2,4-Dinitrophenol	14.610	184	345457	79.452	ng	93
55) Dibenzofuran	14.868	168	1778602	44.810	ng	99
56) 4-Nitrophenol	14.716	139	607199	113.093	ng	97
57) 2,4-Dinitrotoluene	14.857	165	414348	45.204	ng	94
58) Fluorene	15.521	166	1440311	45.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	387121	48.015	ng	100
60) Diethylphthalate	15.304	149	1402492	46.646	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	719755	45.870	ng	98
62) 4-Nitroaniline	15.568	138	295630	43.456	ng	99
63) Azobenzene	15.815	77	1514567	45.987	ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	211385	40.796	ng	99
66) n-Nitrosodiphenylamine	15.739	169	1188488	44.678	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	429722	45.823	ng	98
68) Hexachlorobenzene	16.527	284	505627	48.488	ng	97
69) Atrazine	16.704	200	412722	59.080	ng	99
70) Pentachlorophenol	16.880	266	667200	92.400	ng	99
71) Phenanthrene	17.268	178	2295408	48.302	ng	99
72) Anthracene	17.362	178	2186590	46.523	ng	100
73) Carbazole	17.645	167	2043515	48.038	ng	100
74) Di-n-butylphthalate	18.204	149	2458744	51.149	ng	100
75) Fluoranthene	19.292	202	2802690	52.495	ng	99
77) Benzidine	19.498	184	804544	71.195	ng	99
78) Pyrene	19.656	202	2875871	49.601	ng	99
80) Butylbenzylphthalate	20.562	149	1119340	52.866	ng	98
81) Benzo(a)anthracene	21.415	228	2762190	49.144	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	999663	54.505	ng	100
83) Chrysene	21.468	228	2532609	46.585	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1682333	49.926	ng	98
85) Di-n-octyl phthalate	22.256	149	2864753	53.535	ng	98
87) Indeno(1,2,3-cd)pyrene	26.256	276	3361398	47.973	ng	99
88) Benzo(b)fluoranthene	23.080	252	2922970	51.628	ng	99
89) Benzo(k)fluoranthene	23.127	252	2702511	46.665	ng	99
90) Benzo(a)pyrene	23.697	252	2472993	45.459	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	2737288	46.837	ng	99
92) Benzo(g,h,i)perylene	27.003	276	2681210	46.886	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

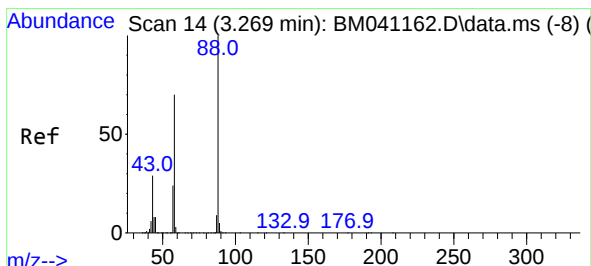
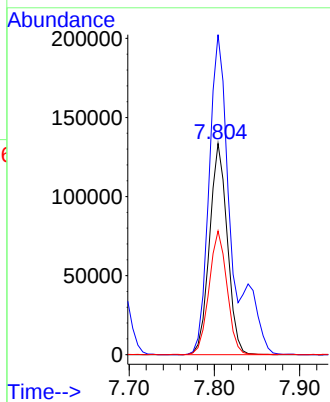
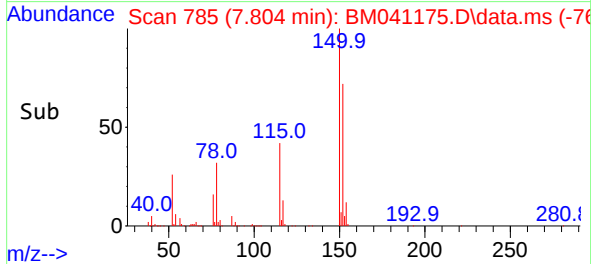
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:152 Resp: 193205
Ion Ratio Lower Upper
152 100
150 151.5 125.5 188.3
115 58.6 48.0 72.0

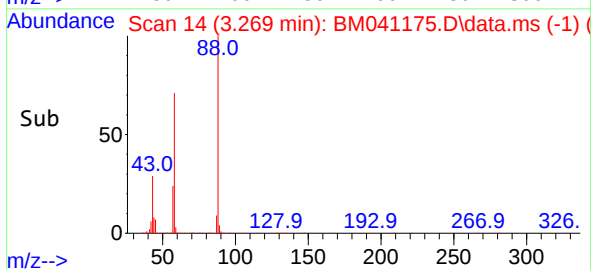
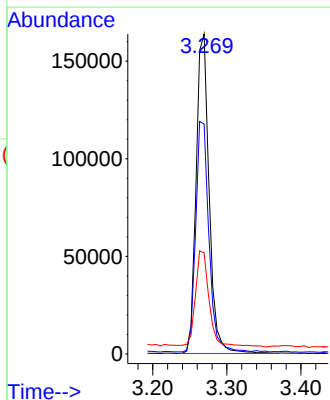
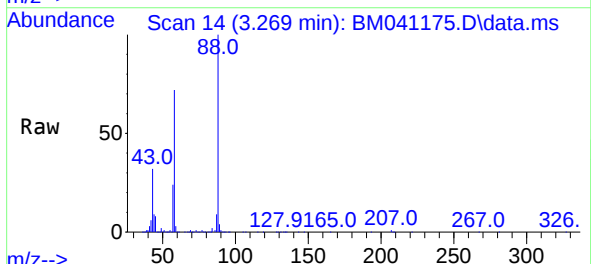
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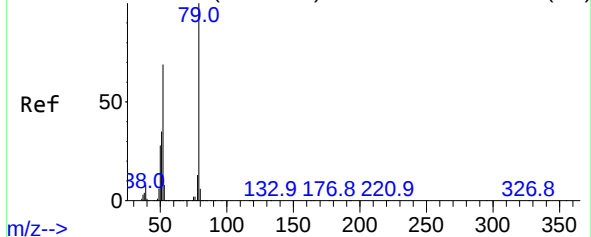


#2
1,4-Dioxane
Concen: 36.050 ng
RT: 3.269 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 88 Resp: 199360
Ion Ratio Lower Upper
88 100
58 73.2 58.2 87.4
43 32.1 24.4 36.6



Abundance Scan 87 (3.799 min): BM040221.D\data.ms (-82)



#3

Pyridine

Concen: 35.082 ng m

RT: 3.675 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

Tgt Ion: 79 Resp: 51011

Ion Ratio Lower Upper

79 100

52 65.0 52.1 78.1

51 34.7 27.5 41.3

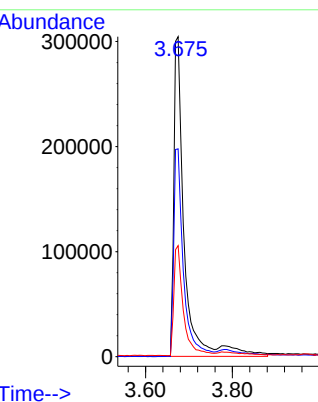
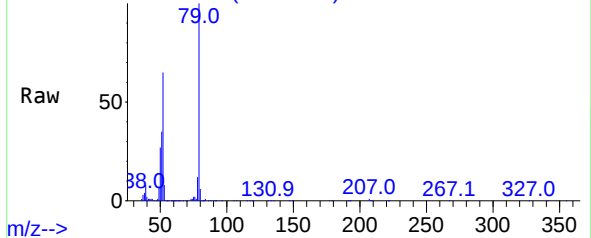
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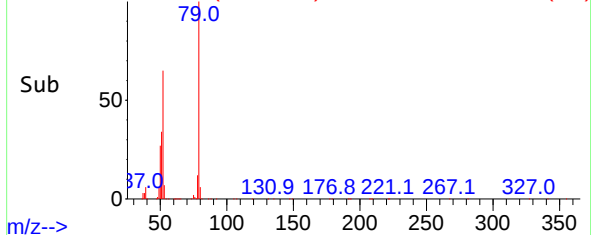
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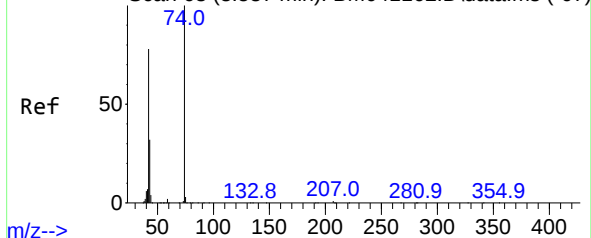
Abundance Scan 83 (3.675 min): BM041175.D\data.ms



Abundance Scan 83 (3.675 min): BM041175.D\data.ms (-66)



Abundance Scan 68 (3.587 min): BM041162.D\data.ms (-67)



#4

n-Nitrosodimethylamine

Concen: 42.740 ng

RT: 3.587 min Scan# 68

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Tgt Ion: 42 Resp: 287422

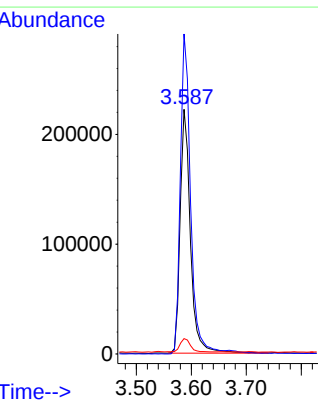
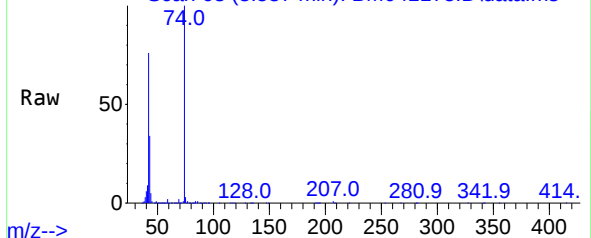
Ion Ratio Lower Upper

42 100

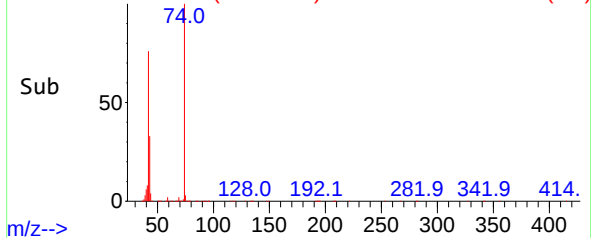
74 130.8 100.8 151.2

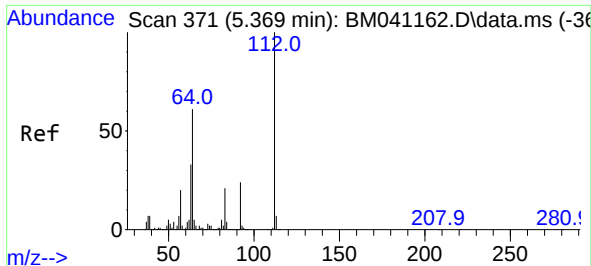
44 6.3 5.0 7.4

Abundance Scan 68 (3.587 min): BM041175.D\data.ms



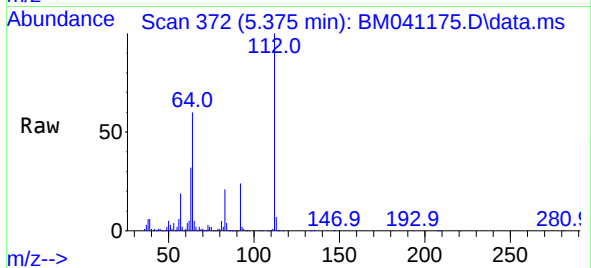
Abundance Scan 68 (3.587 min): BM041175.D\data.ms (-51)





#5
2-Fluorophenol
Concen: 98.624 ng
RT: 5.375 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

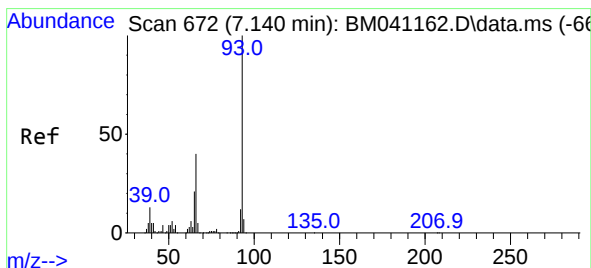
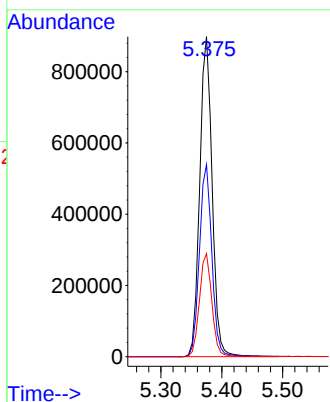
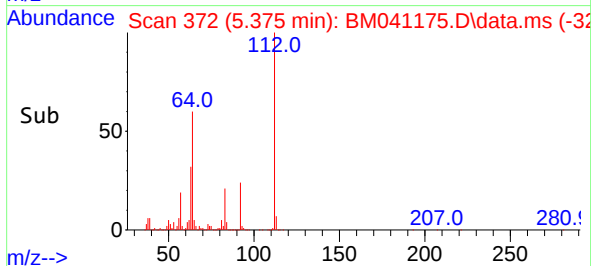
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1274910
Ion Ratio Lower Upper
112 100
64 60.1 48.5 72.7
63 32.2 26.5 39.7

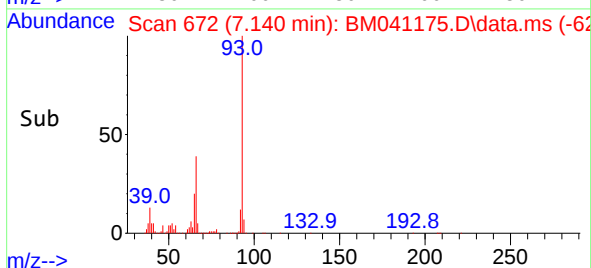
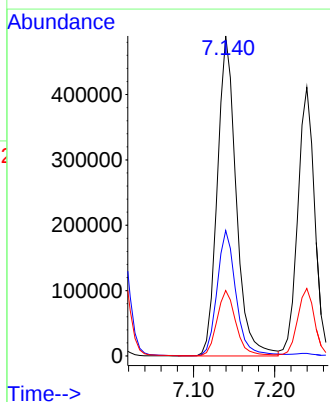
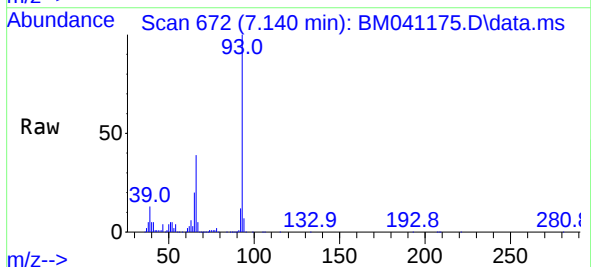
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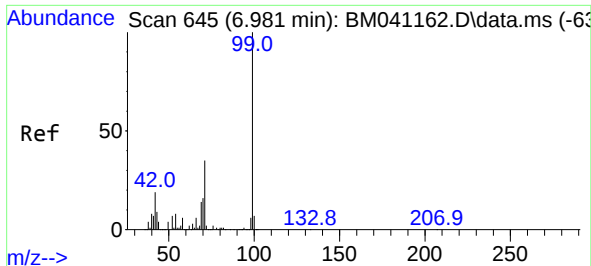
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#6
Aniline
Concen: 40.339 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

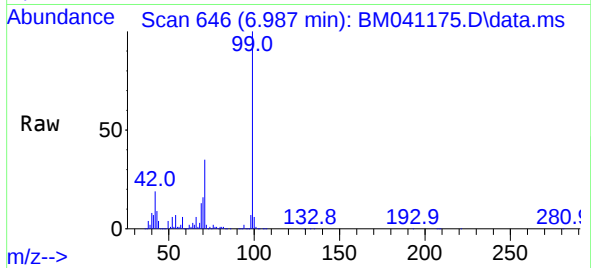
Tgt Ion: 93 Resp: 791045
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.4 16.6 24.8





#7
Phenol-d6
Concen: 101.442 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

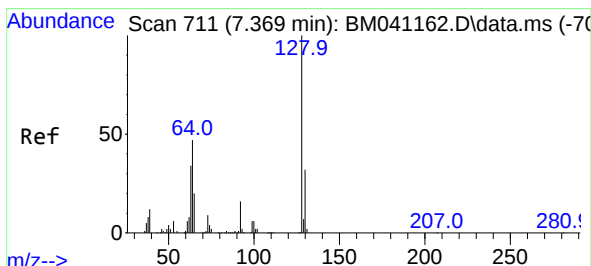
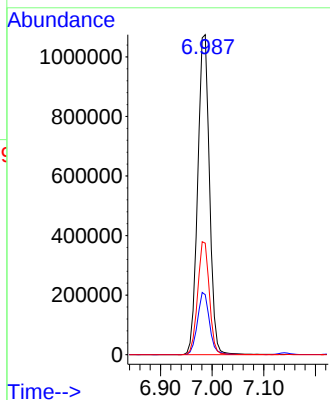
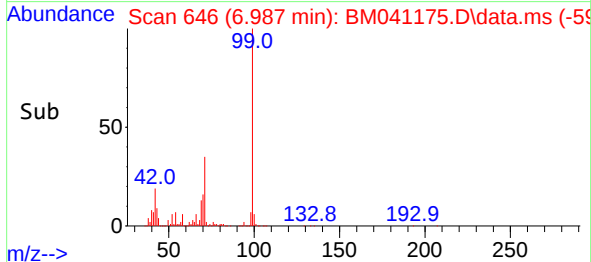
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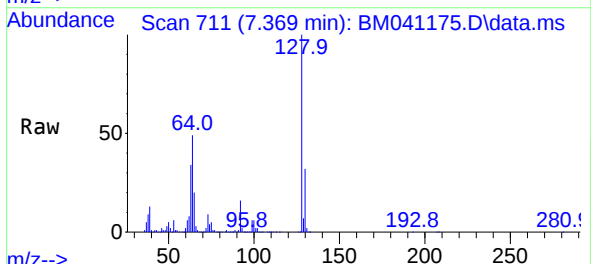
Tgt Ion: 99 Resp: 169980
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 34.9 28.2 42.4

Manual Integrations
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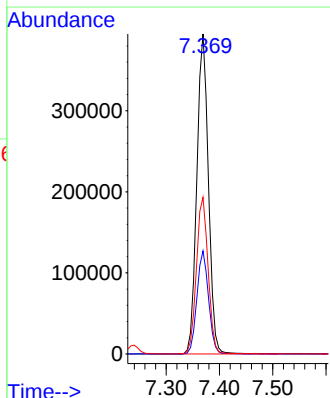
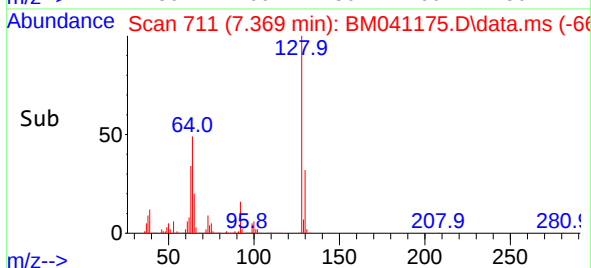
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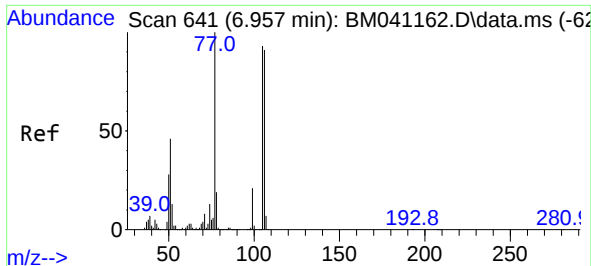


#8
2-Chlorophenol
Concen: 47.282 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



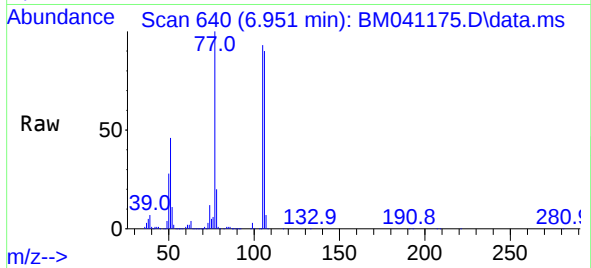
Tgt Ion:128 Resp: 596694
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 49.0 29.3 69.3





#9
Benzaldehyde
Concen: 45.682 ng m
RT: 6.951 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

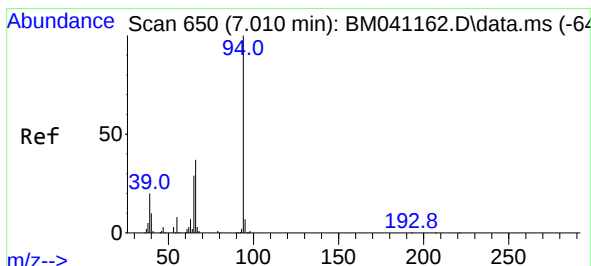
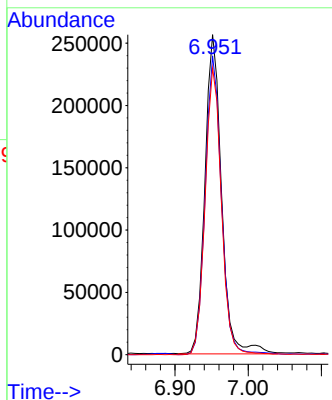
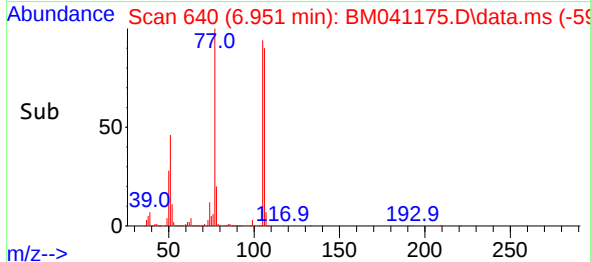
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 77 Resp: 40391
Ion Ratio Lower Upper
77 100
105 93.4 72.8 112.8
106 89.6 70.8 110.8

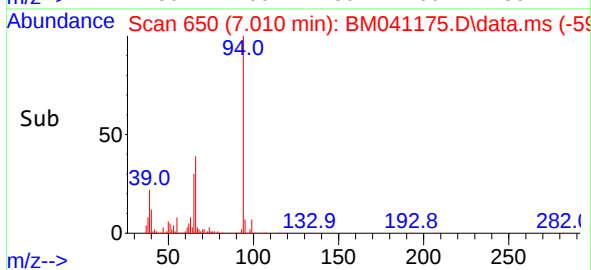
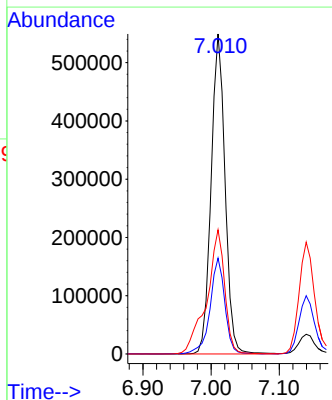
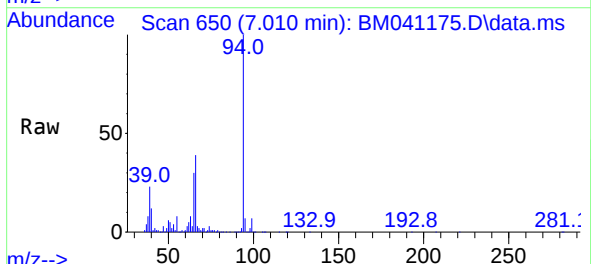
Manual Integrations
APPROVED

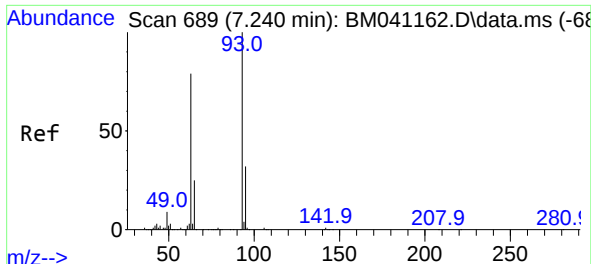
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#10
Phenol
Concen: 48.377 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

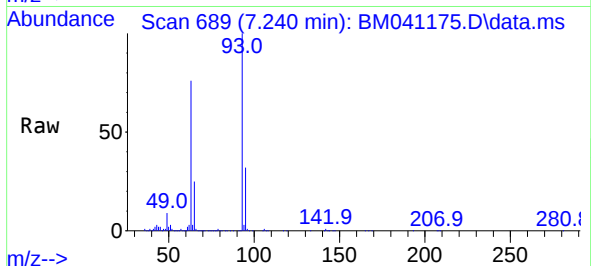
Tgt Ion: 94 Resp: 782933
Ion Ratio Lower Upper
94 100
65 30.0 9.5 49.5
66 38.8 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 45.574 ng
RT: 7.240 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

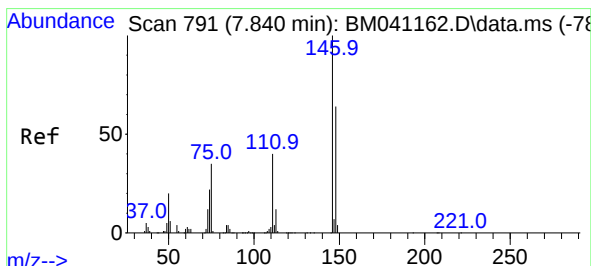
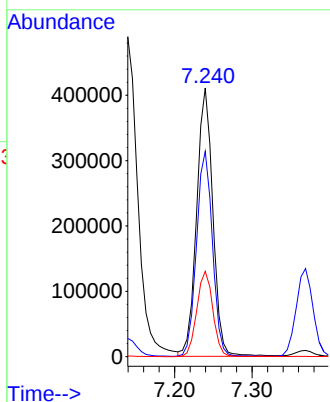
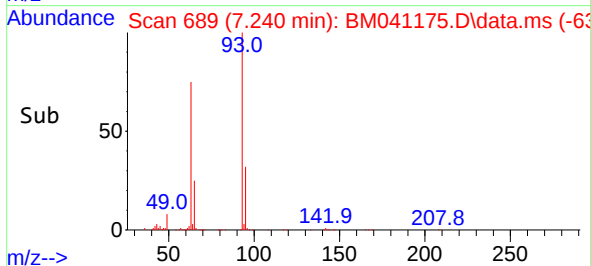
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 93 Resp: 597034
Ion Ratio Lower Upper
93 100
63 76.4 58.8 98.8
95 31.8 11.8 51.8

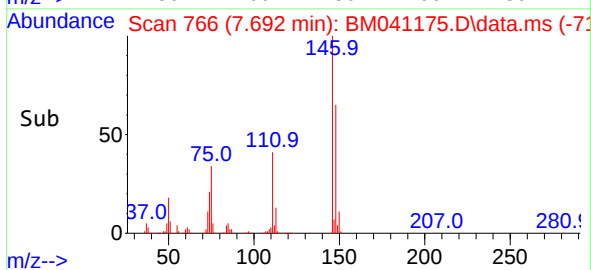
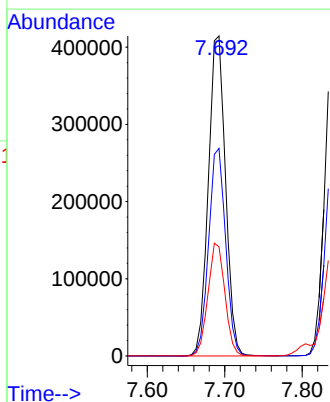
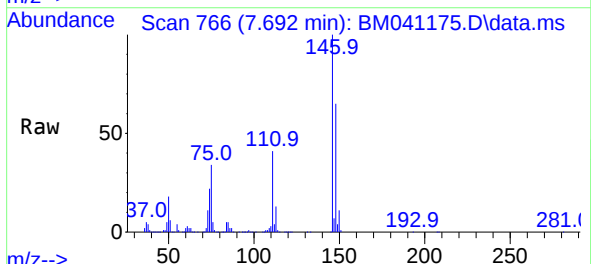
Manual Integrations
APPROVED

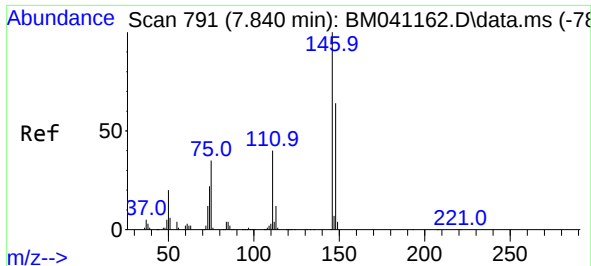
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#12
1,3-Dichlorobenzene
Concen: 46.452 ng
RT: 7.692 min Scan# 766
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

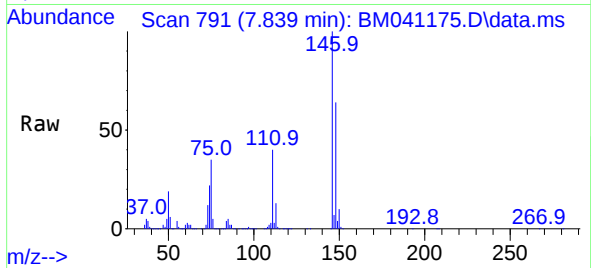
Tgt Ion:146 Resp: 638108
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 34.1 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 47.147 ng
RT: 7.839 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

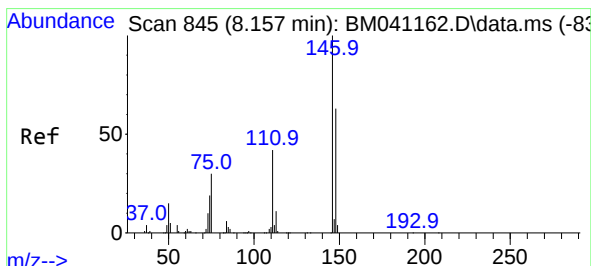
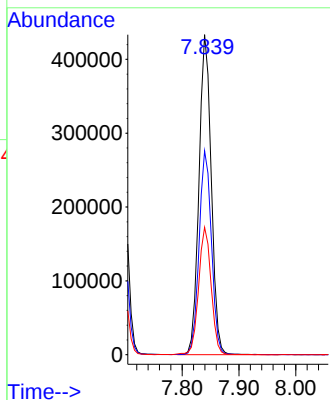
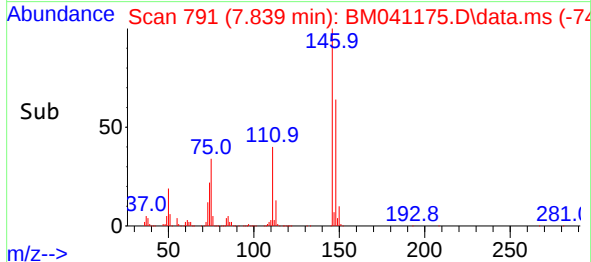
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



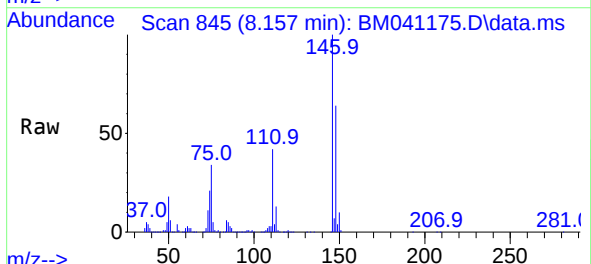
Tgt Ion:146 Resp: 650972
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 39.8 32.4 48.6

Manual Integrations
APPROVED

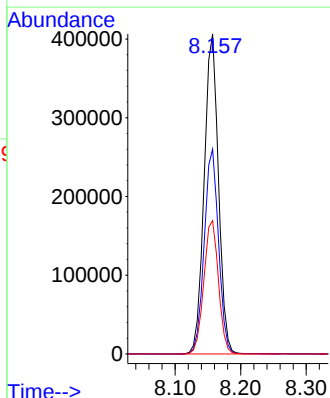
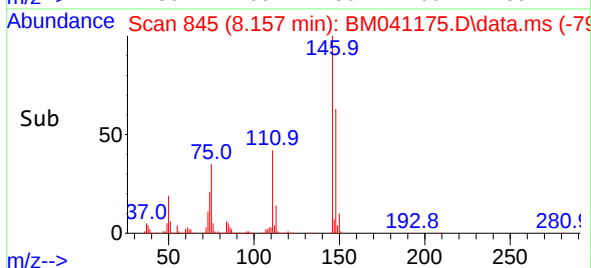
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

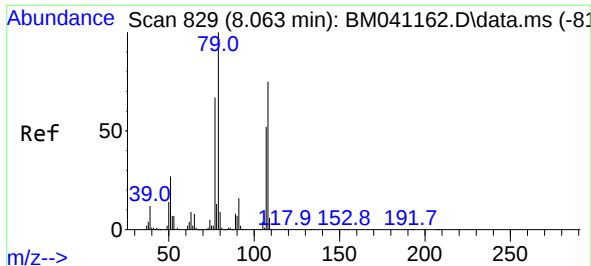


#14
1,2-Dichlorobenzene
Concen: 46.626 ng
RT: 8.157 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



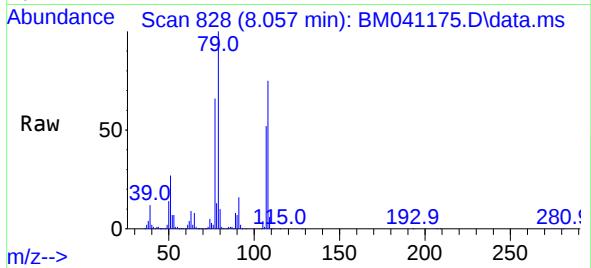
Tgt Ion:146 Resp: 617270
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 41.7 33.8 50.6





#15
Benzyl Alcohol
Concen: 51.036 ng
RT: 8.057 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

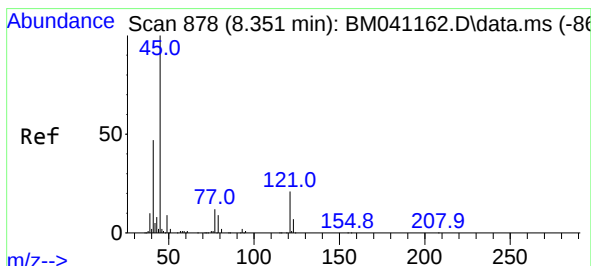
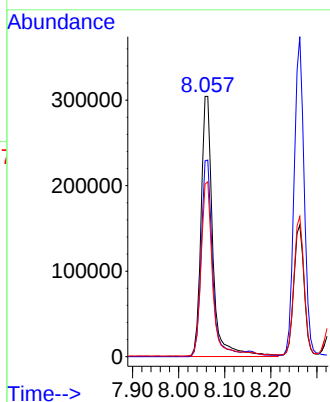
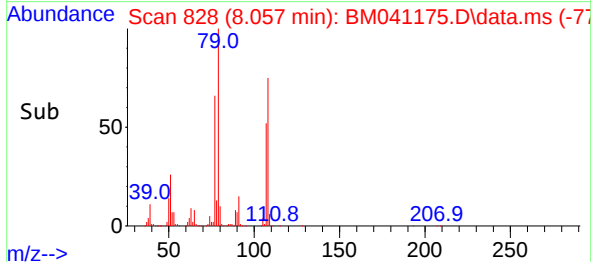
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 79 Resp: 540064
Ion Ratio Lower Upper
79 100
108 75.2 59.8 89.8
77 66.3 53.8 80.6

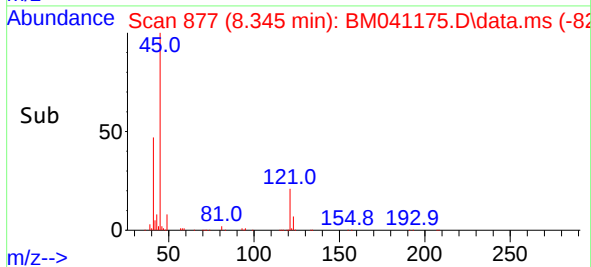
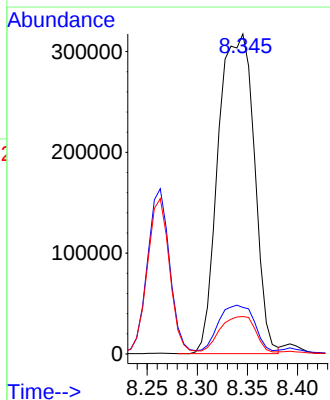
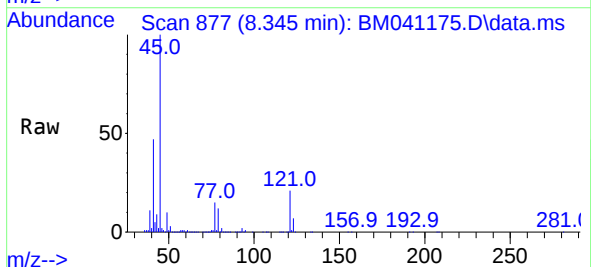
Manual Integrations
APPROVED

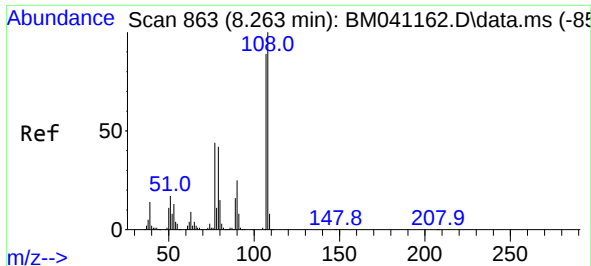
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.314 ng
RT: 8.345 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

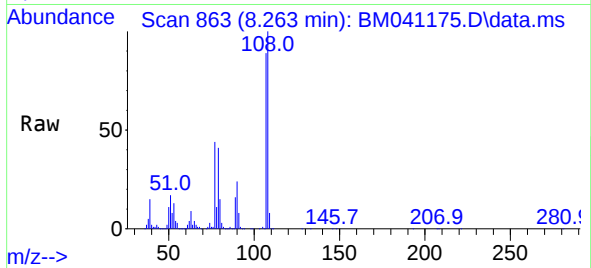
Tgt Ion: 45 Resp: 790938
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.5
79 11.7 0.0 32.1





#17
2-Methylphenol
Concen: 45.459 ng
RT: 8.263 min Scan# 863
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

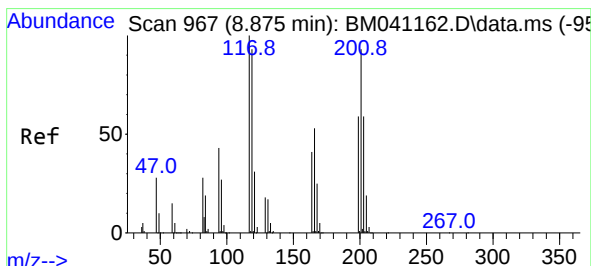
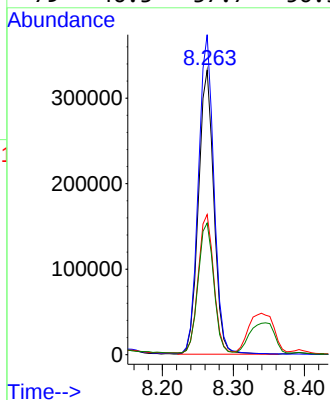
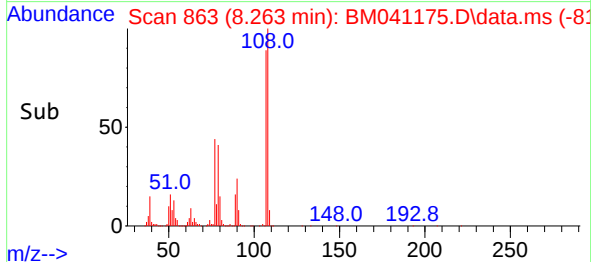
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:107 Resp: 50263
Ion Ratio Lower Upper
107 100
108 112.5 89.9 134.9
77 49.3 39.8 59.8
79 46.3 37.7 56.5

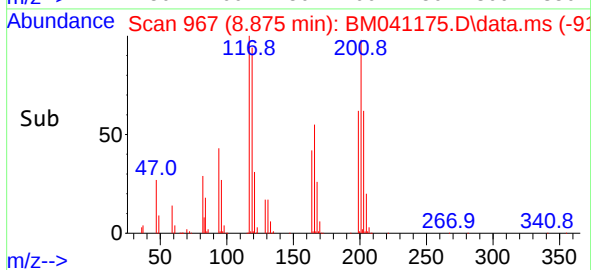
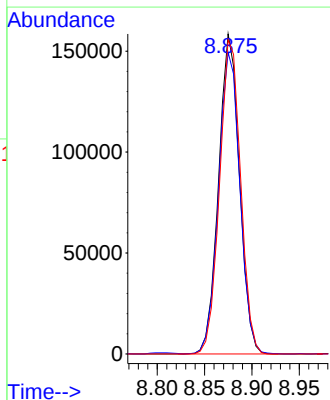
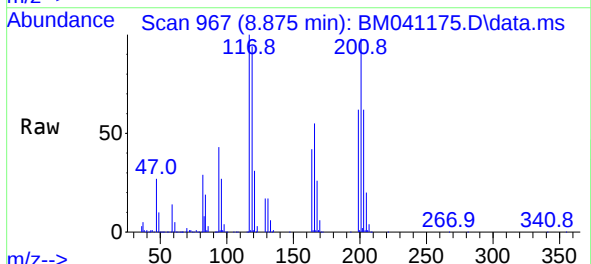
Manual Integrations
APPROVED

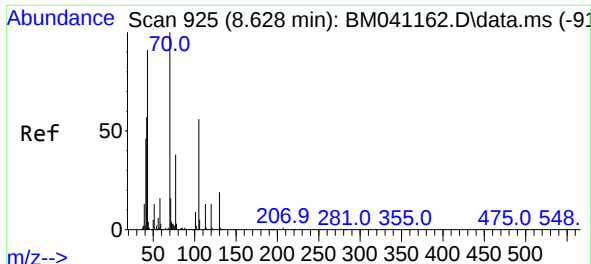
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#18
Hexachloroethane
Concen: 47.297 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:117 Resp: 243124
Ion Ratio Lower Upper
117 100
119 94.2 74.2 111.4
201 98.2 74.5 111.7





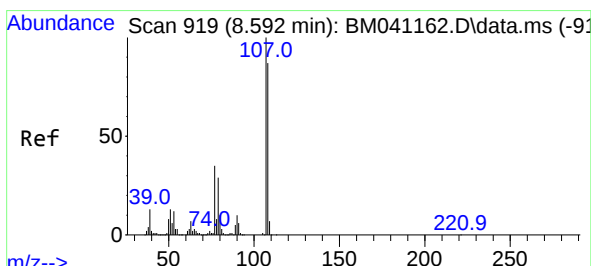
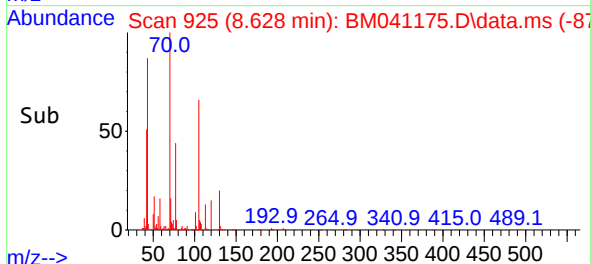
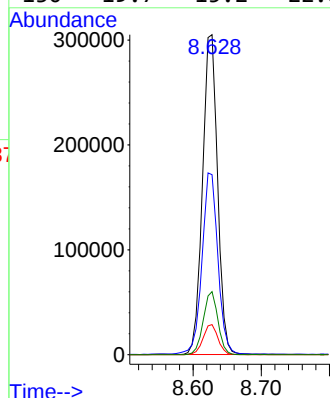
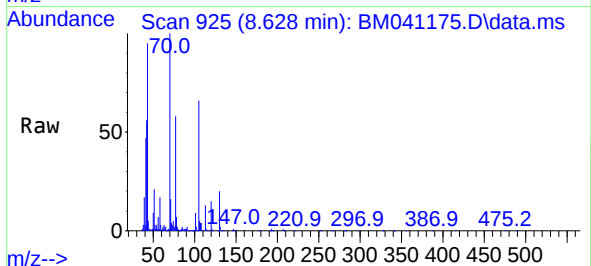
#19
n-Nitroso-di-n-propylamine
Concen: 46.078 ng
RT: 8.628 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

Tgt Ion: 70 Resp: 468968
Ion Ratio Lower Upper
70 100
42 56.3 45.8 68.8
101 9.4 7.4 11.0
130 19.7 15.2 22.8

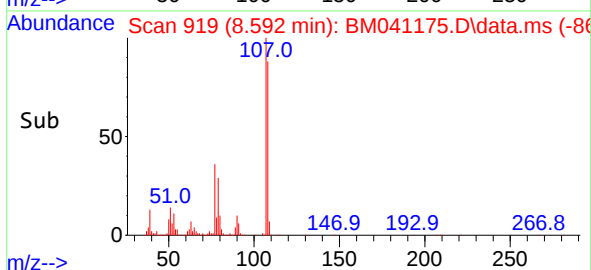
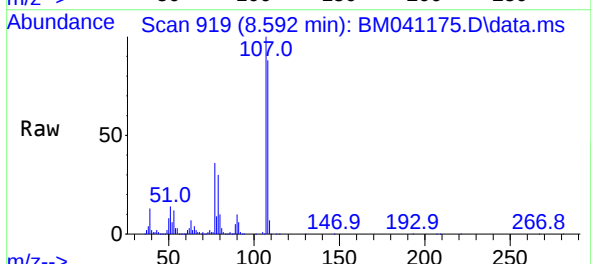
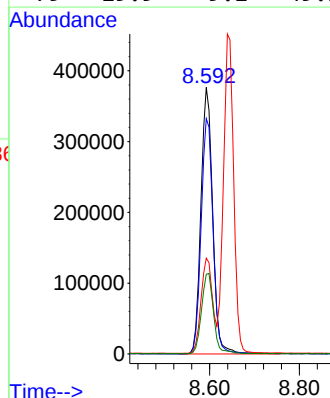
Manual Integrations
APPROVED

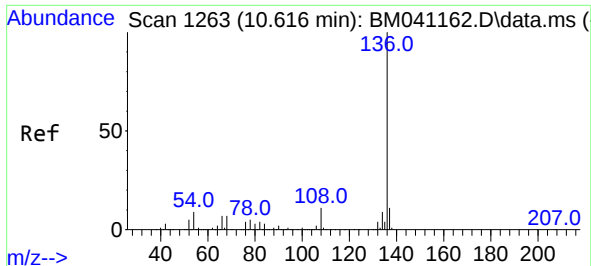
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#20
3+4-Methylphenols
Concen: 46.383 ng
RT: 8.592 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:107 Resp: 685703
Ion Ratio Lower Upper
107 100
108 88.3 67.2 107.2
77 36.0 15.4 55.4
79 29.9 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

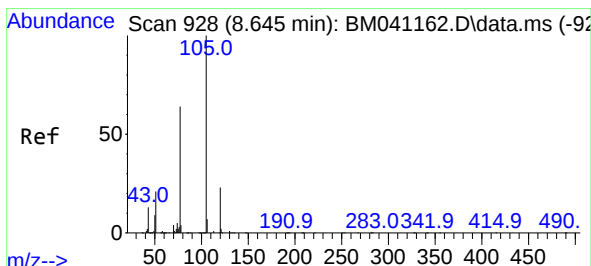
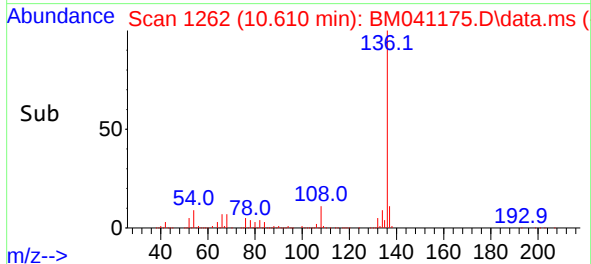
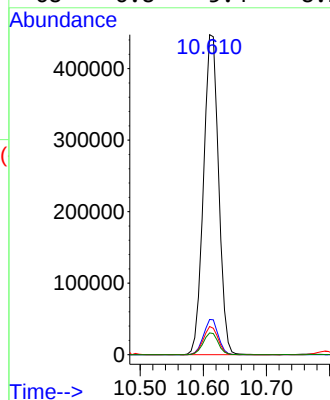
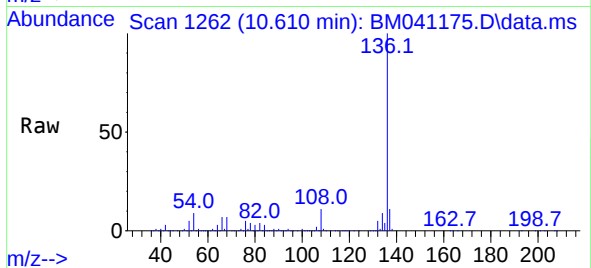
SB-04-(1-5)MSD

Tgt Ion:136 Resp: 741550
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 6.9 10.3
68 6.8 5.4 8.2

Manual Integrations

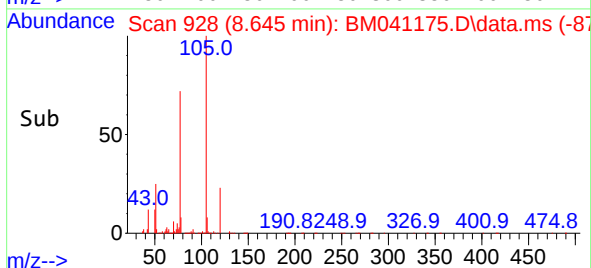
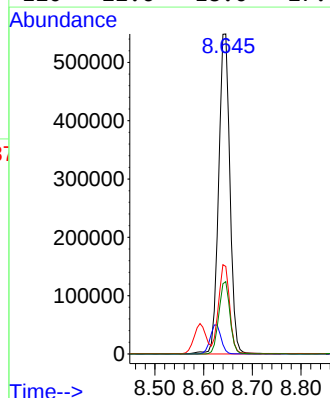
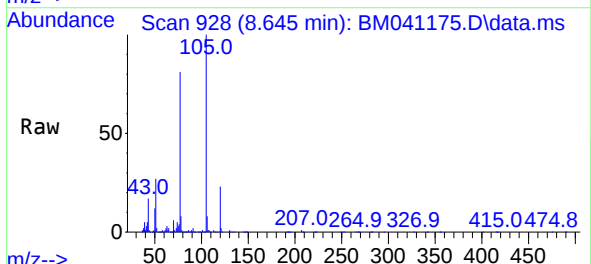
APPROVED

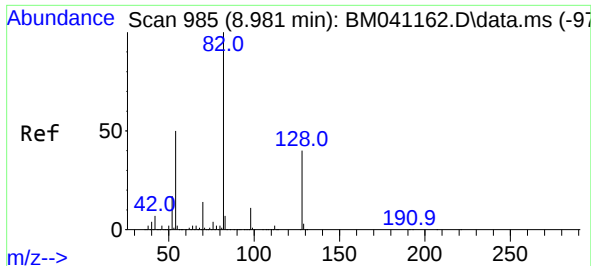
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#22
Acetophenone
Concen: 45.063 ng
RT: 8.645 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

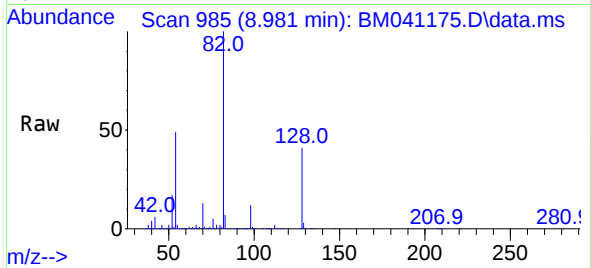
Tgt Ion:105 Resp: 885028
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 27.4 22.0 33.0
120 22.6 18.0 27.0





#23
Nitrobenzene-d5
Concen: 65.120 ng
RT: 8.981 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

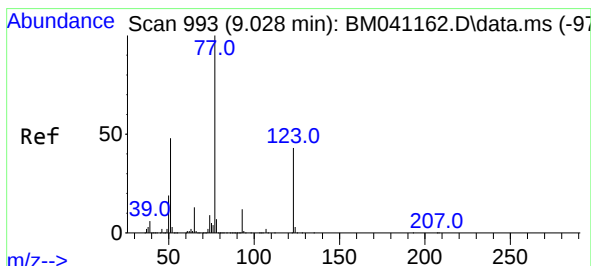
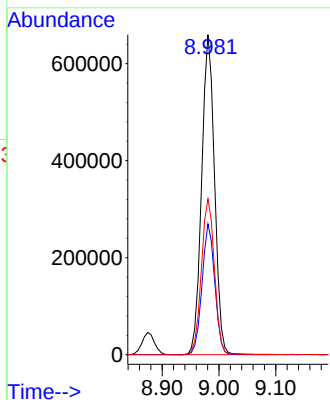
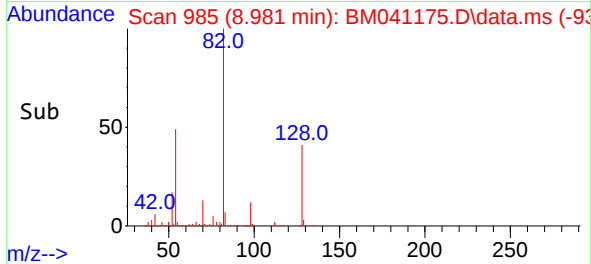
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



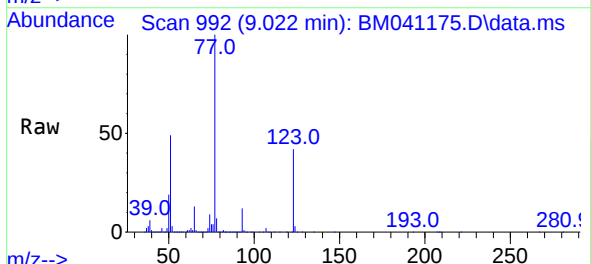
Tgt Ion: 82 Resp: 103840
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 48.6 40.1 60.1

Manual Integrations
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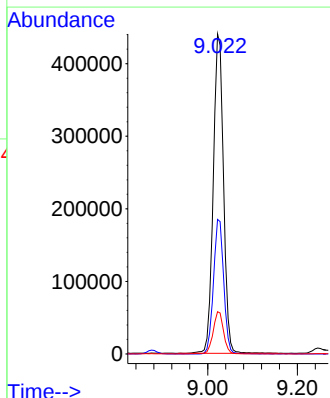
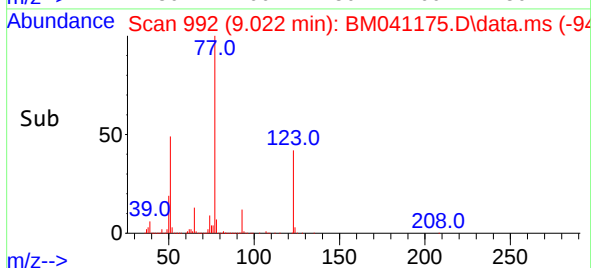
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

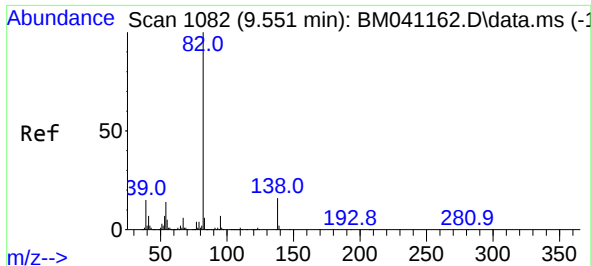


#24
Nitrobenzene
Concen: 43.294 ng
RT: 9.022 min Scan# 992
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



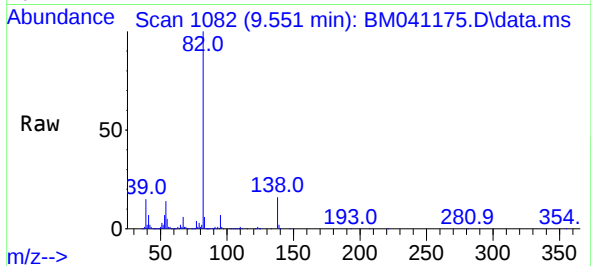
Tgt Ion: 77 Resp: 698142
Ion Ratio Lower Upper
77 100
123 42.1 34.2 51.2
65 13.2 10.7 16.1





#25
Isophorone
Concen: 46.307 ng
RT: 9.551 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

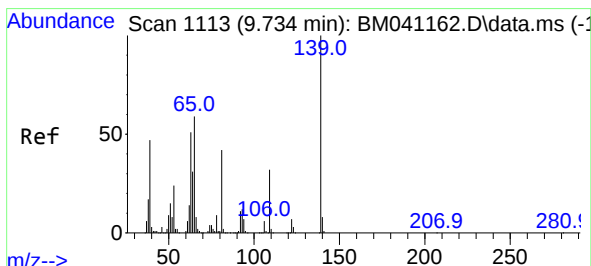
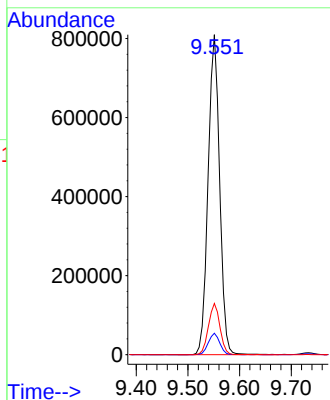
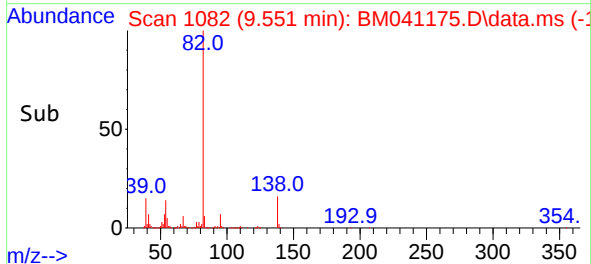
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



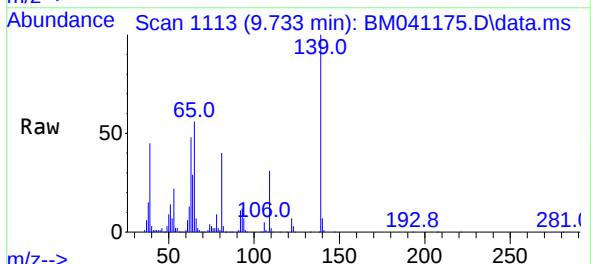
Tgt Ion: 82 Resp: 1253440
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 16.0 12.8 19.2

Manual Integrations
APPROVED

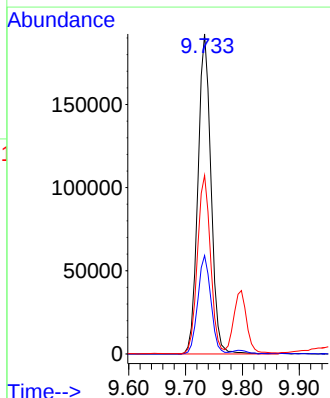
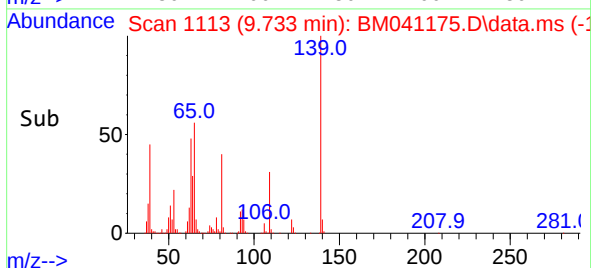
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

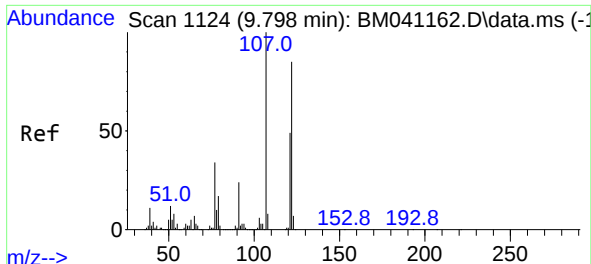


#26
2-Nitrophenol
Concen: 48.698 ng
RT: 9.733 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



Tgt Ion:139 Resp: 306987
Ion Ratio Lower Upper
139 100
109 30.8 25.4 38.2
65 55.8 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 46.261 ng

RT: 9.798 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041175.D

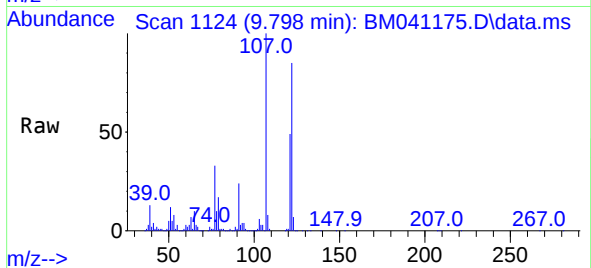
Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD



Tgt Ion:122 Resp: 513169

Ion Ratio Lower Upper

122 100

107 118.0 94.3 141.5

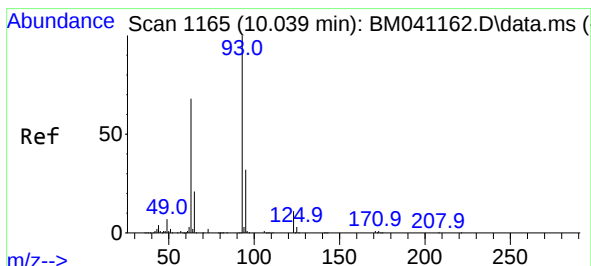
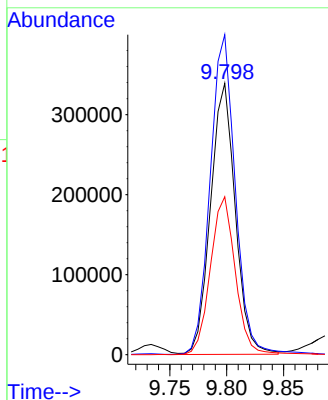
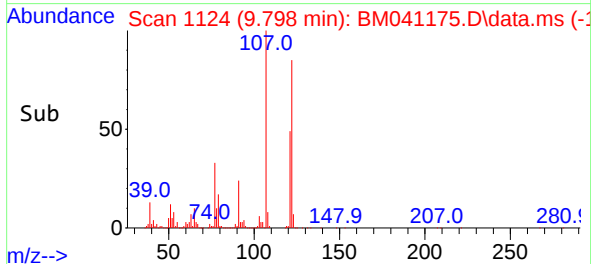
121 58.2 45.8 68.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.798 ng

RT: 10.033 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

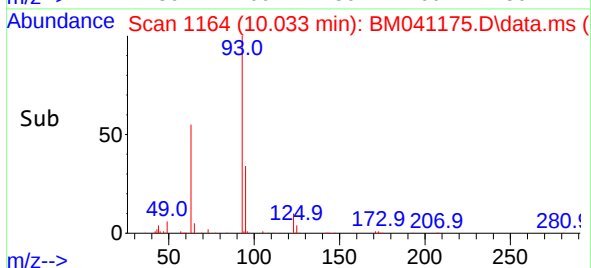
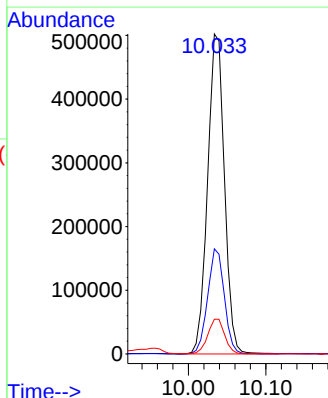
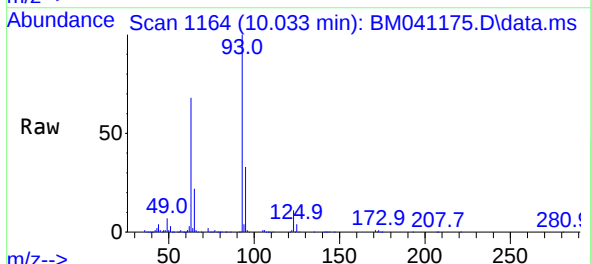
Tgt Ion: 93 Resp: 759574

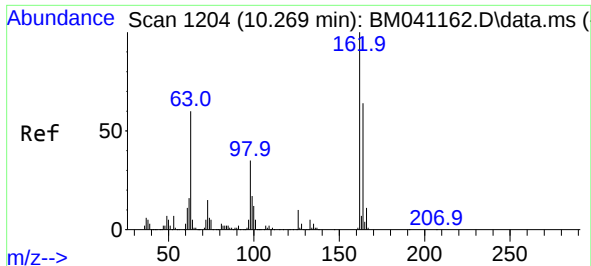
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

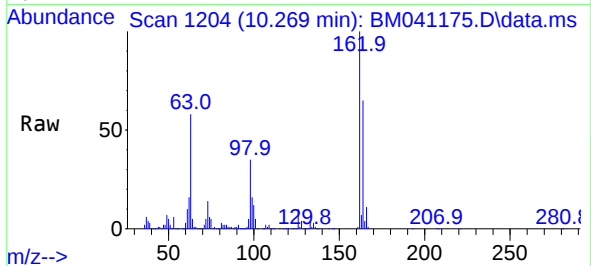
123 10.9 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 48.599 ng
RT: 10.269 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

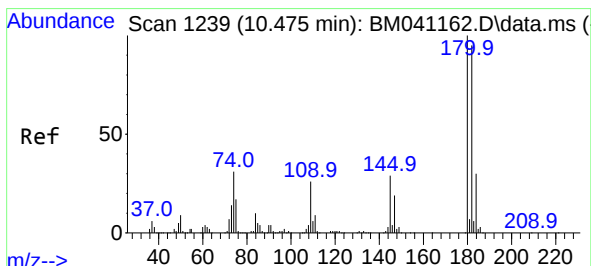
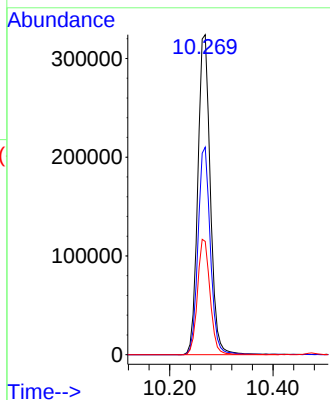
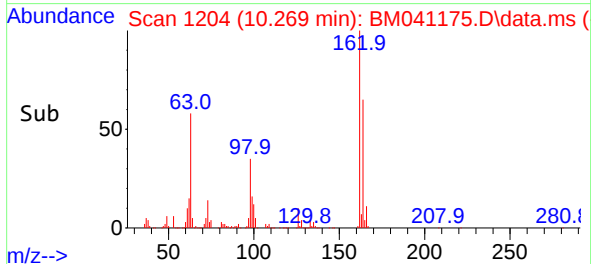
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



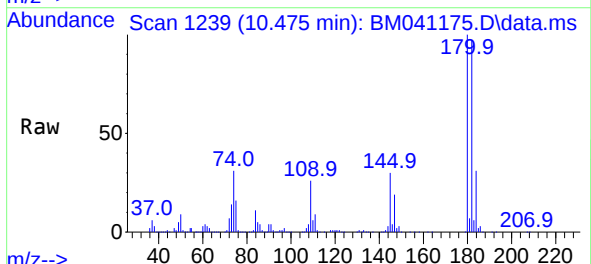
Tgt Ion:162 Resp: 543659
Ion Ratio Lower Upper
162 100
164 64.9 44.3 84.3
98 35.4 15.1 55.1

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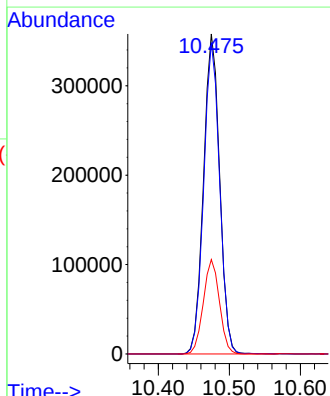
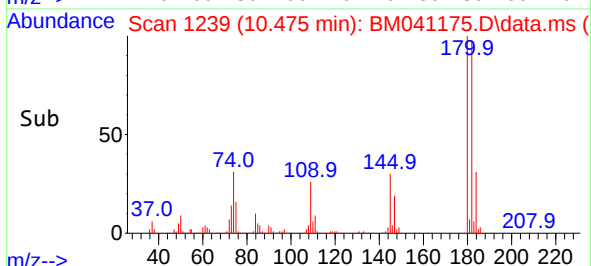
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

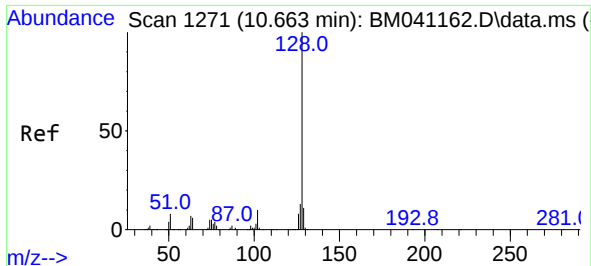


#30
1,2,4-Trichlorobenzene
Concen: 45.704 ng
RT: 10.475 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



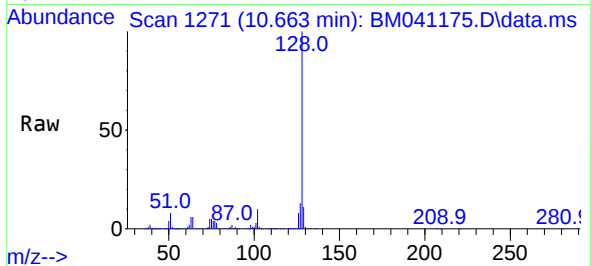
Tgt Ion:180 Resp: 564872
Ion Ratio Lower Upper
180 100
182 97.3 75.9 113.9
145 29.5 23.6 35.4





#31
Naphthalene
Concen: 43.810 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

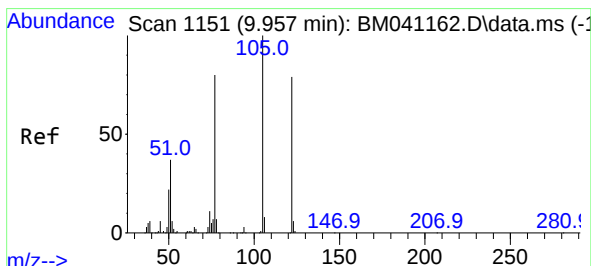
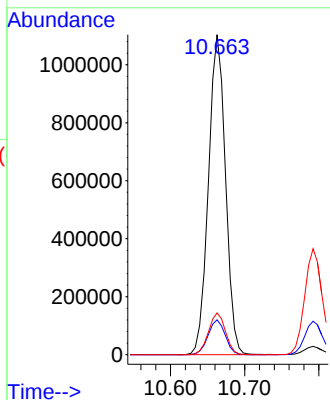
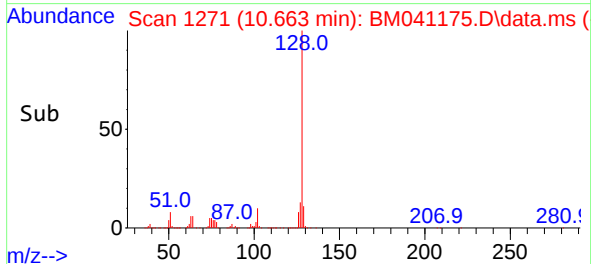
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:128 Resp: 1762958
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.5 15.7

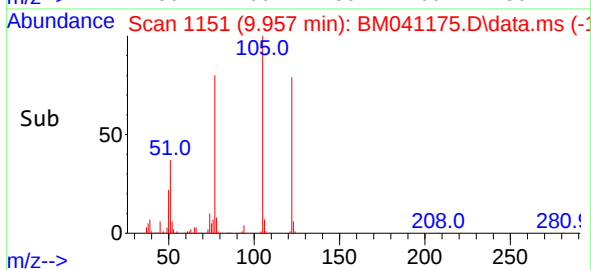
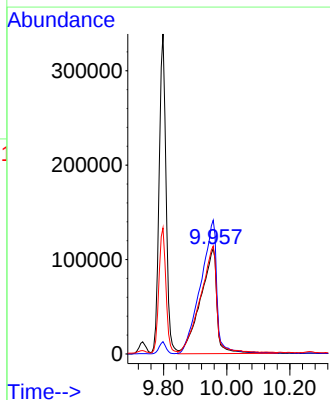
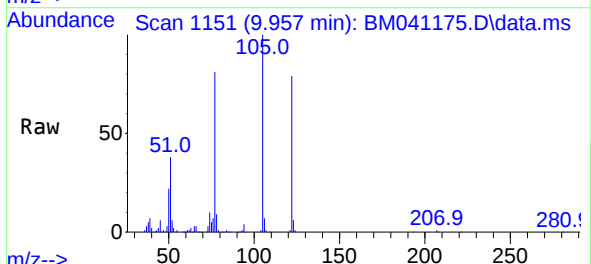
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APPROVED

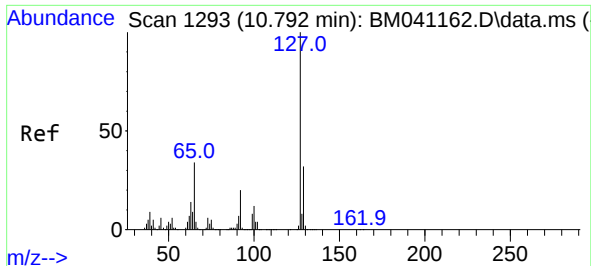
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#32
Benzoic acid
Concen: 48.279 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

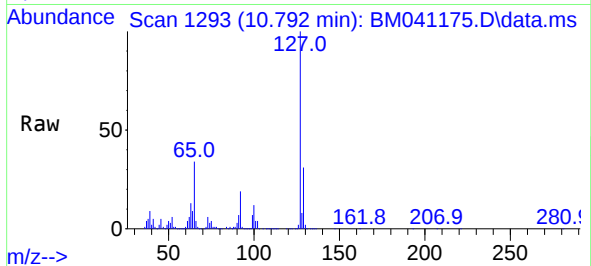
Tgt Ion:122 Resp: 402637
Ion Ratio Lower Upper
122 100
105 126.8 104.0 144.0
77 102.3 79.9 119.9





#33
4-Chloroaniline
Concen: 39.517 ng
RT: 10.792 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

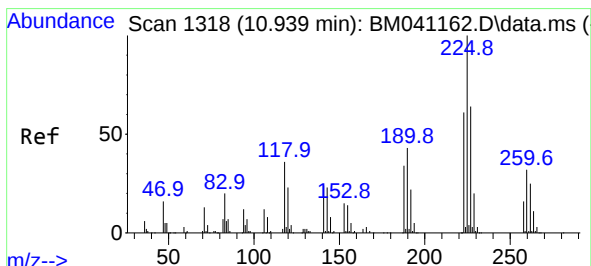
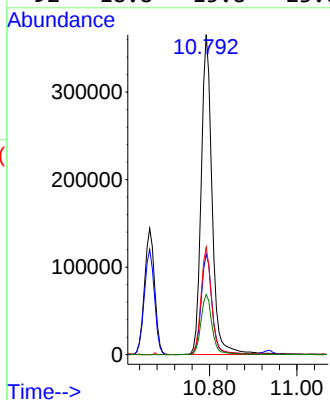
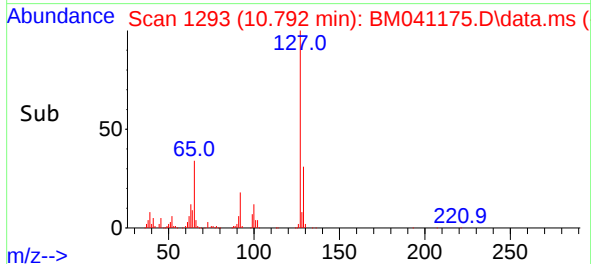
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



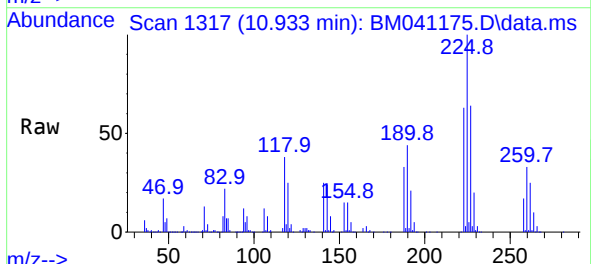
Tgt Ion:127 Resp: 635498
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 33.6 26.9 40.3
92 18.8 15.8 23.6

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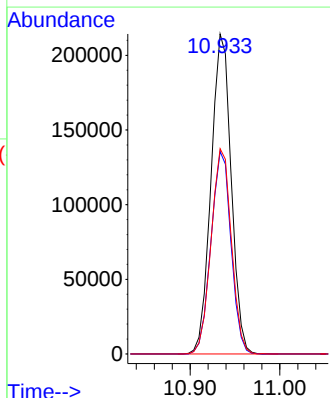
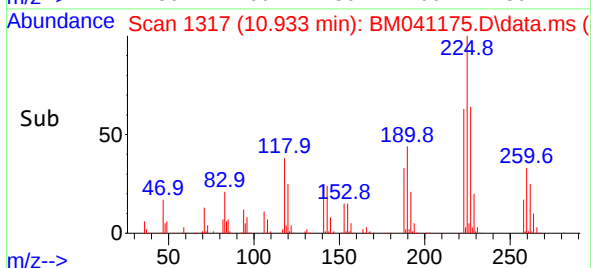
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

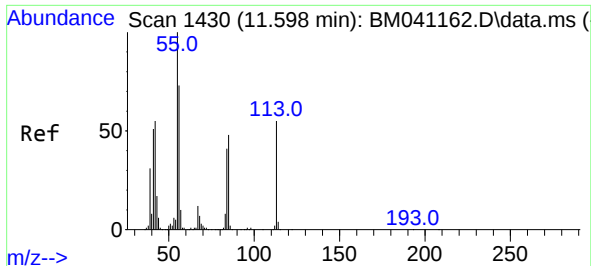


#34
Hexachlorobutadiene
Concen: 44.793 ng
RT: 10.933 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



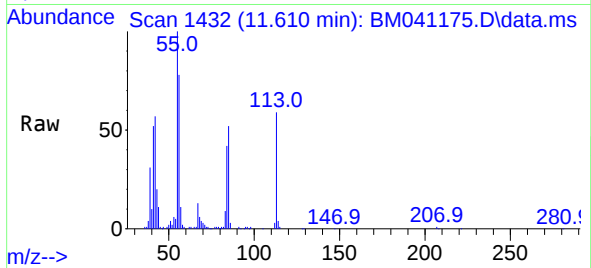
Tgt Ion:225 Resp: 332959
Ion Ratio Lower Upper
225 100
223 63.2 49.0 73.4
227 64.1 50.8 76.2





#35
Caprolactam
Concen: 50.187 ng m
RT: 11.610 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

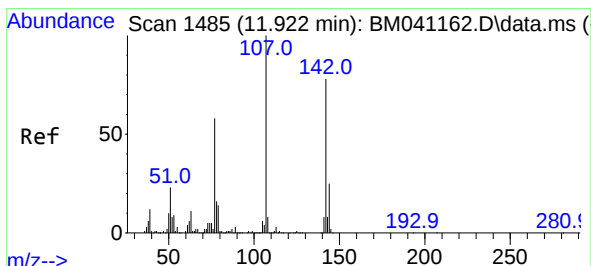
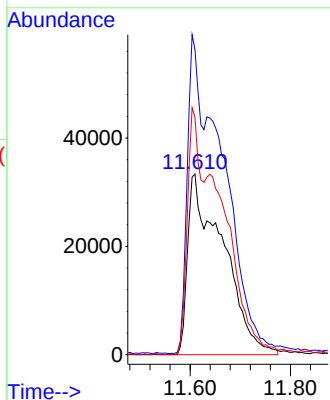
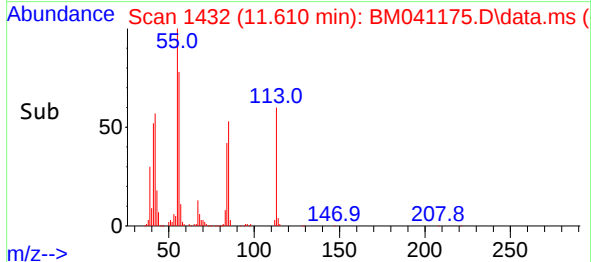
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



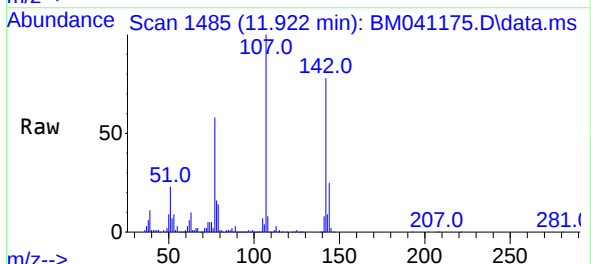
Tgt Ion:113 Resp: 162409
Ion Ratio Lower Upper
113 100
55 168.7 162.5 202.5
56 131.3 114.1 154.1

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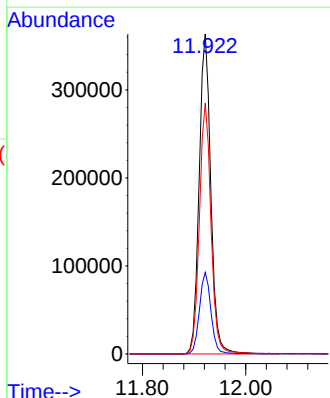
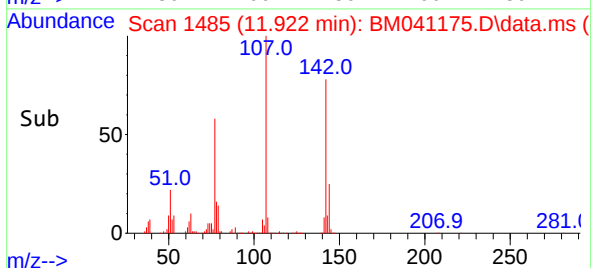
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

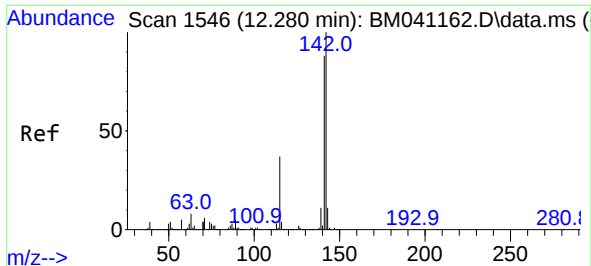


#36
4-Chloro-3-methylphenol
Concen: 48.360 ng
RT: 11.922 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



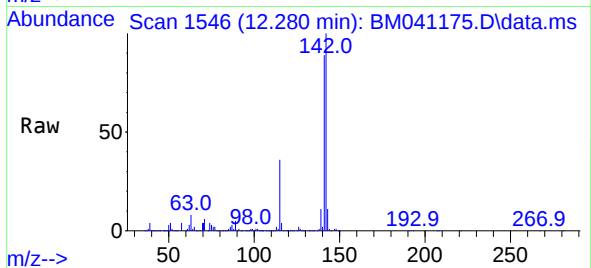
Tgt Ion:107 Resp: 569391
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 78.4 62.2 93.4





#37
2-Methylnaphthalene
Concen: 44.180 ng
RT: 12.280 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

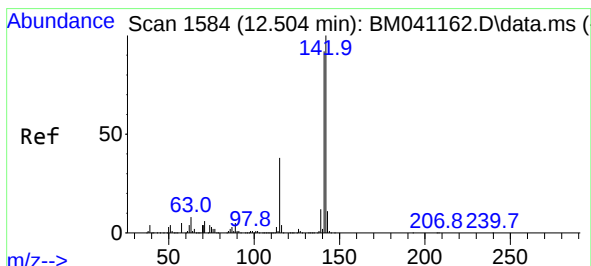
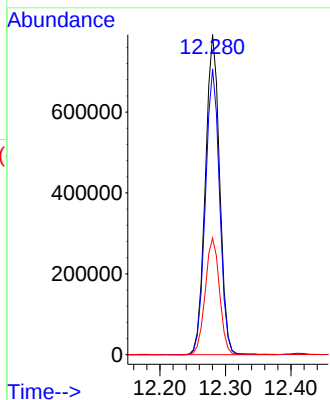
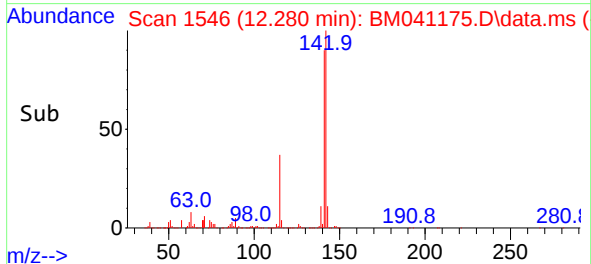
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:142 Resp: 1198580
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 36.4 29.3 43.9

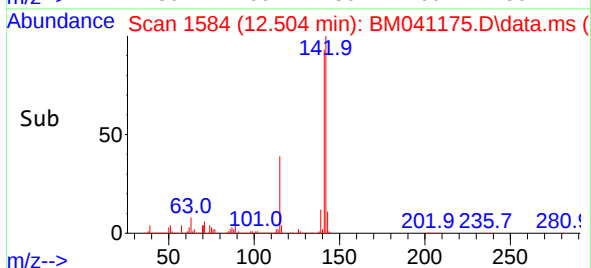
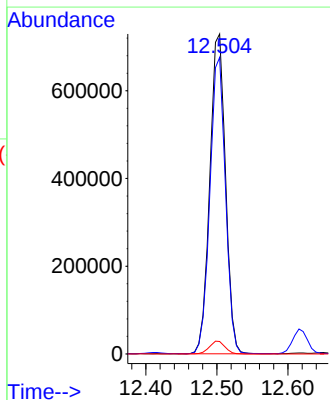
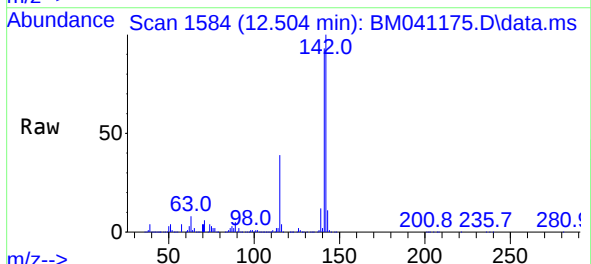
Manual Integrations
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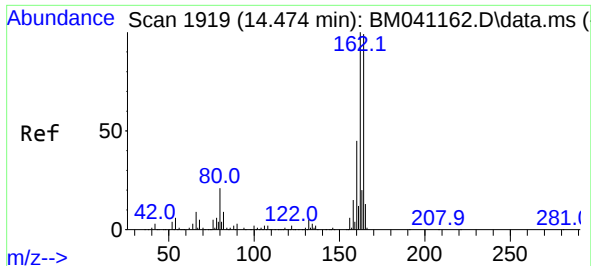
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#38
1-Methylnaphthalene
Concen: 44.091 ng
RT: 12.504 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

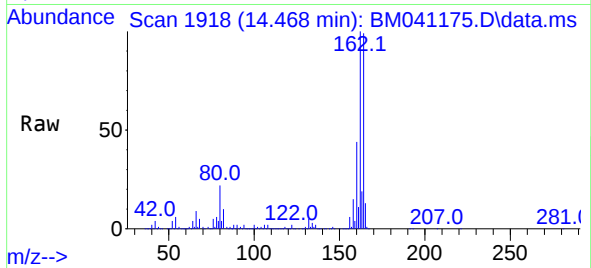
Tgt Ion:142 Resp: 1119548
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

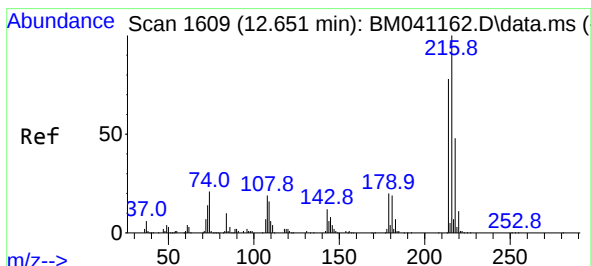
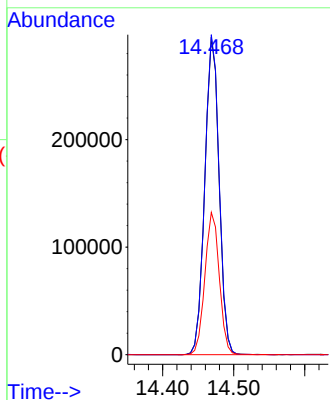
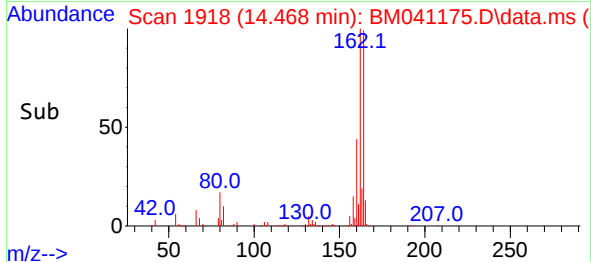
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



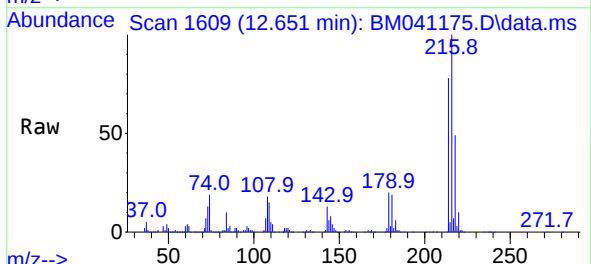
Tgt Ion:164 Resp: 413329
Ion Ratio Lower Upper
164 100
162 100.8 80.4 120.6
160 44.8 36.2 54.2

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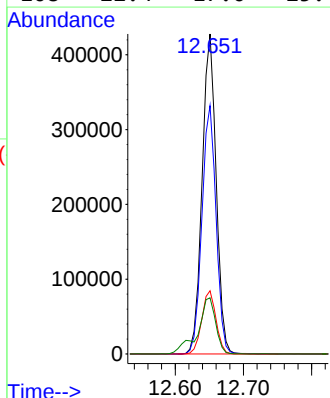
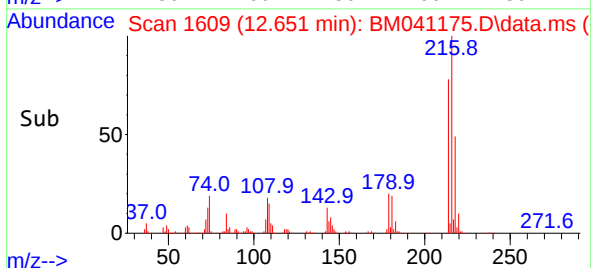
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

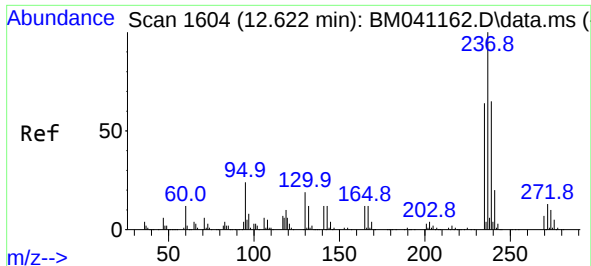


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.631 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



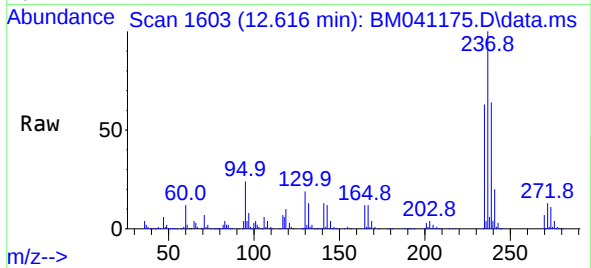
Tgt Ion:216 Resp: 612424
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 20.0 16.2 24.2
108 22.4 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 94.099 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

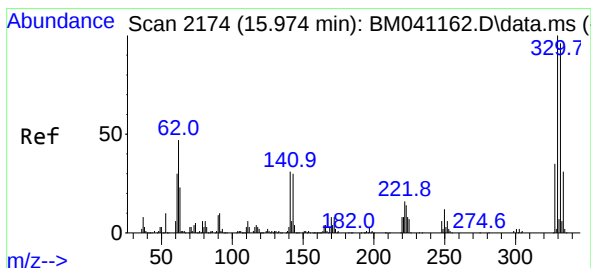
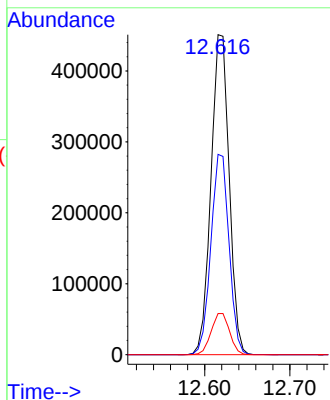
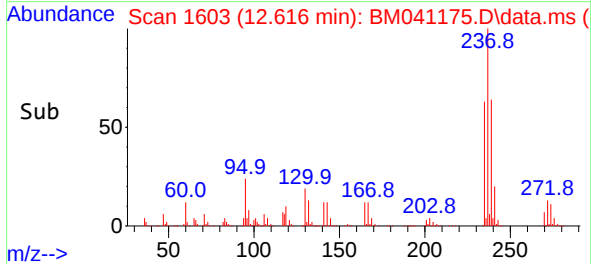
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



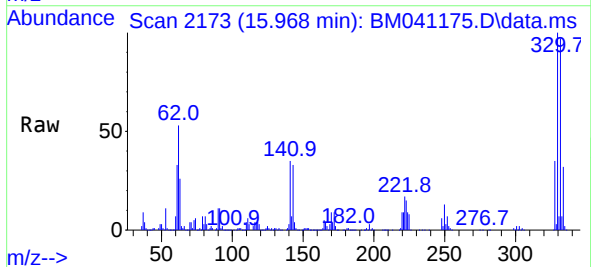
Tgt Ion:237 Resp: 668140
Ion Ratio Lower Upper
237 100
235 62.6 43.6 83.6
272 12.9 0.0 33.3

Manual Integrations
APPROVED

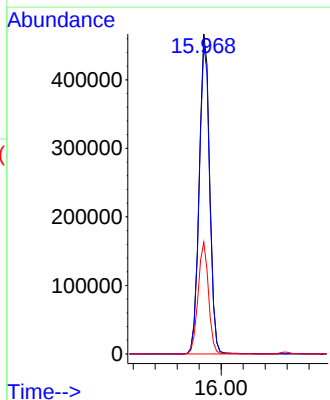
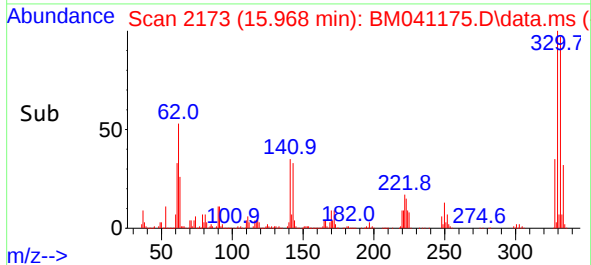
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

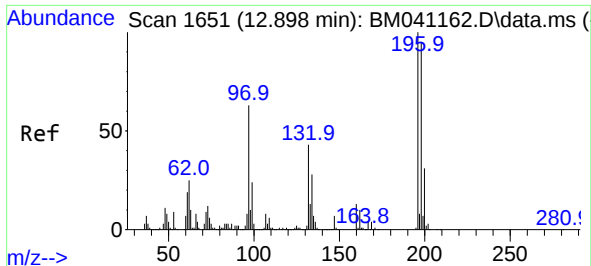


#42
2,4,6-Tribromophenol
Concen: 105.996 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



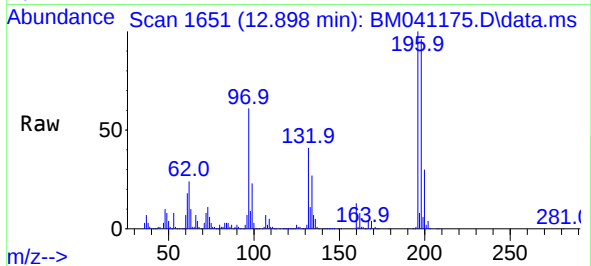
Tgt Ion:330 Resp: 619684
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 34.6 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 48.090 ng
RT: 12.898 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

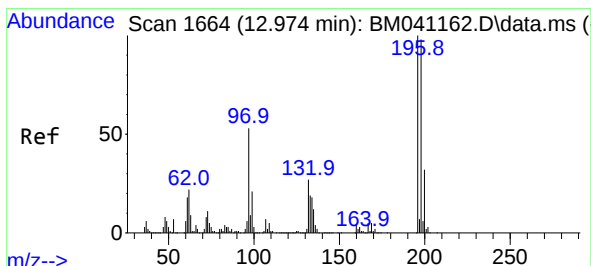
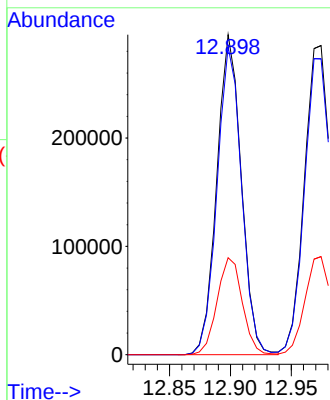
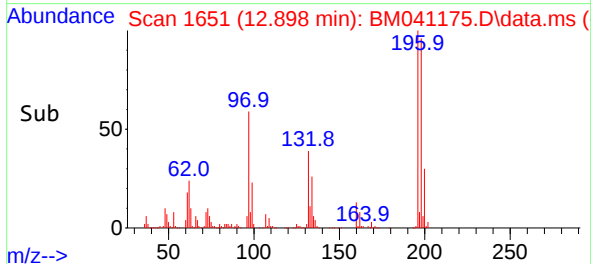
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



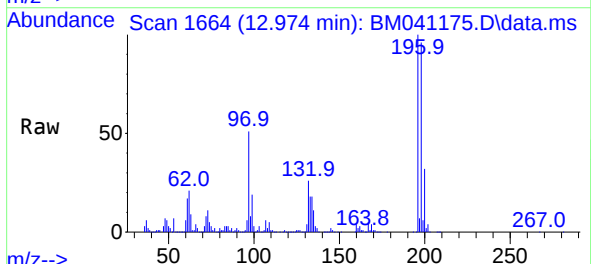
Tgt Ion:196 Resp: 41368
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.4
200 30.3 24.6 36.8

Manual Integrations
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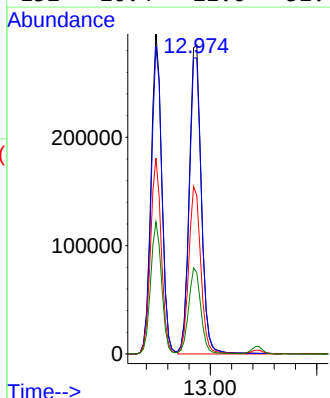
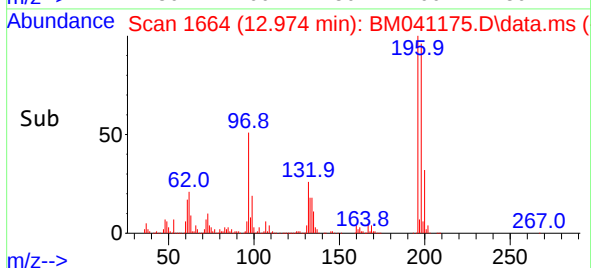
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

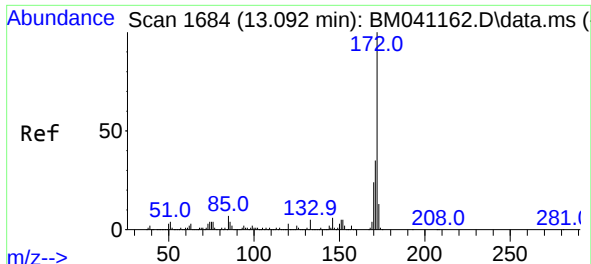


#44
2,4,5-Trichlorophenol
Concen: 45.216 ng
RT: 12.974 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



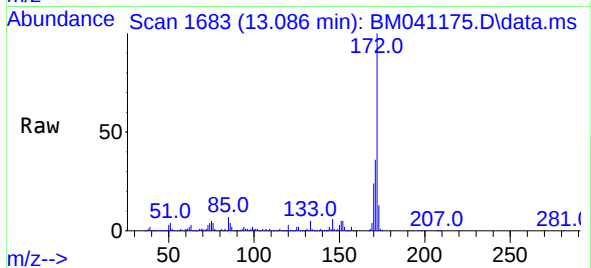
Tgt Ion:196 Resp: 450192
Ion Ratio Lower Upper
196 100
198 95.7 78.2 117.4
97 51.3 42.7 64.1
132 26.4 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 65.345 ng
RT: 13.086 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

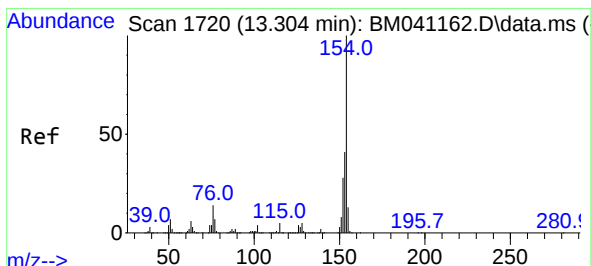
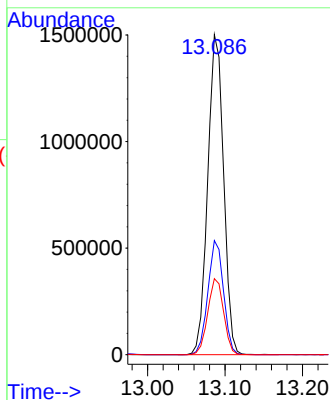
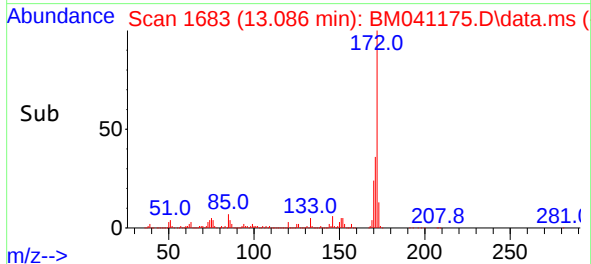
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



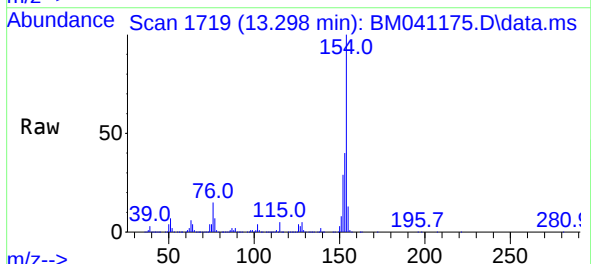
Tgt Ion:172 Resp: 213806
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.7 18.9 28.3

Manual Integrations
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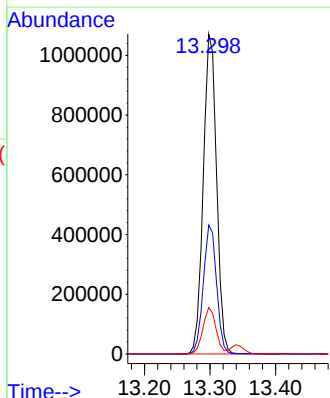
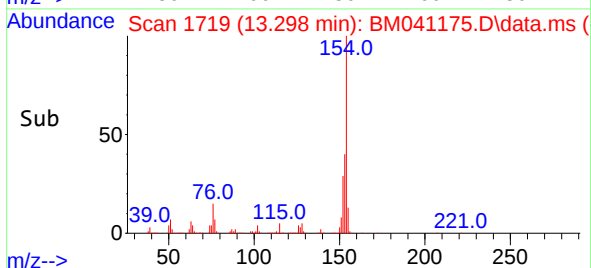
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

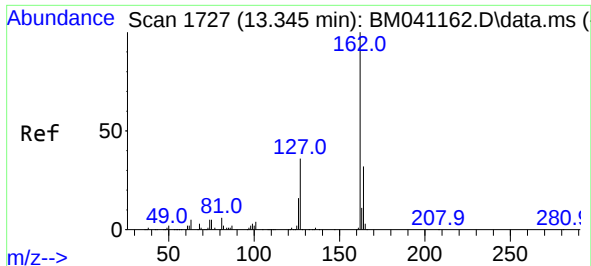


#46
1,1'-Biphenyl
Concen: 45.209 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



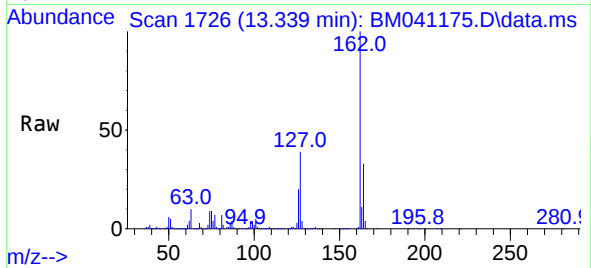
Tgt Ion:154 Resp: 1514855
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 14.5 0.0 34.1





#47
2-Chloronaphthalene
Concen: 46.641 ng
RT: 13.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

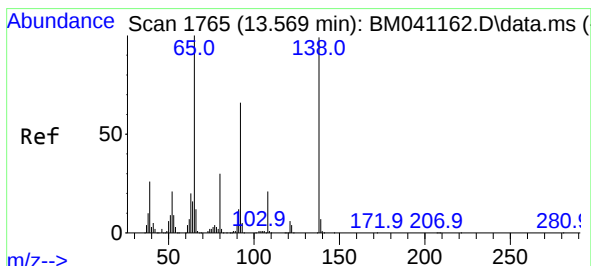
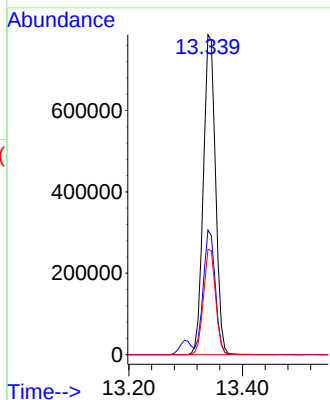
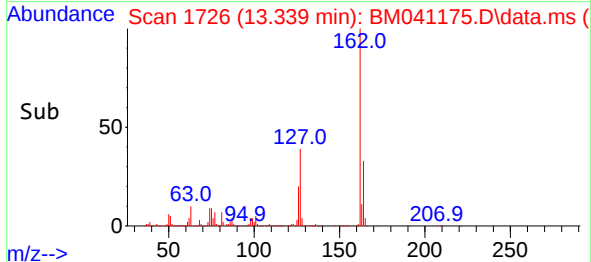
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



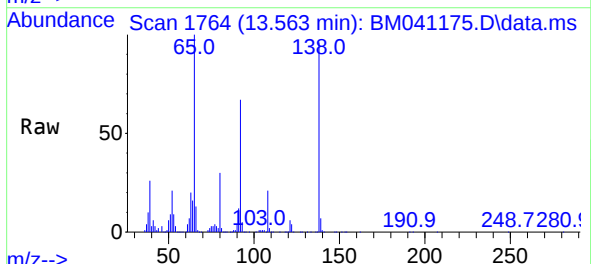
Tgt Ion:162 Resp: 1166928
Ion Ratio Lower Upper
162 100
127 38.9 30.6 45.8
164 33.0 25.6 38.4

Manual Integrations
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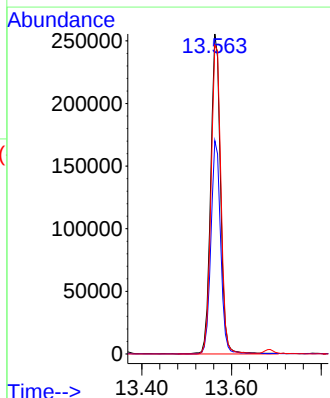
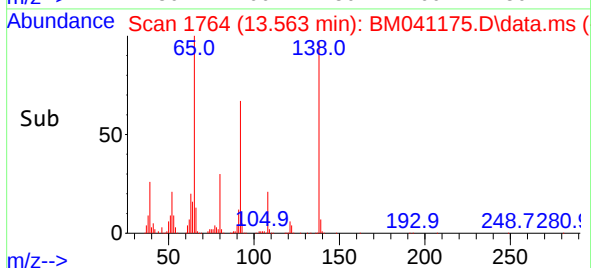
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

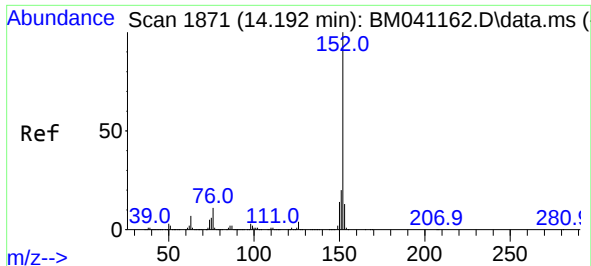


#48
2-Nitroaniline
Concen: 48.613 ng
RT: 13.563 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



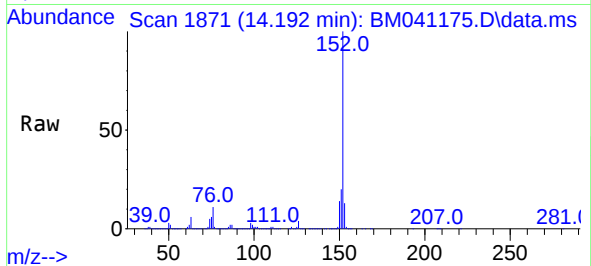
Tgt Ion: 65 Resp: 388233
Ion Ratio Lower Upper
65 100
92 66.7 53.0 79.4
138 96.5 79.1 118.7





#49
Acenaphthylene
Concen: 45.565 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

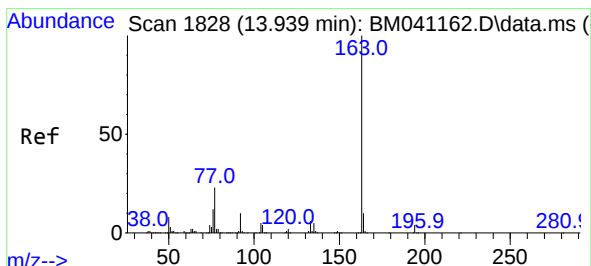
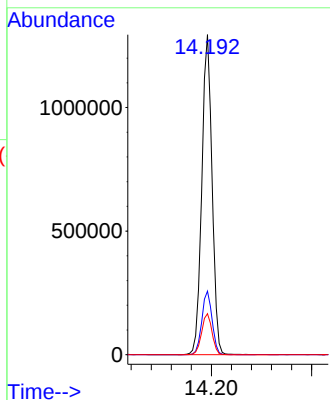
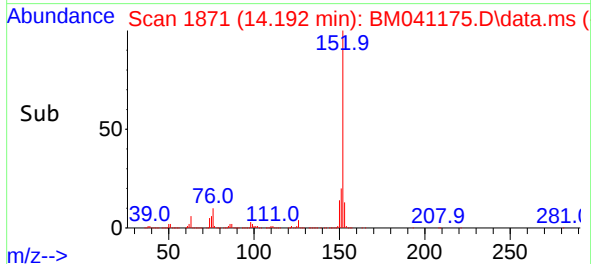
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



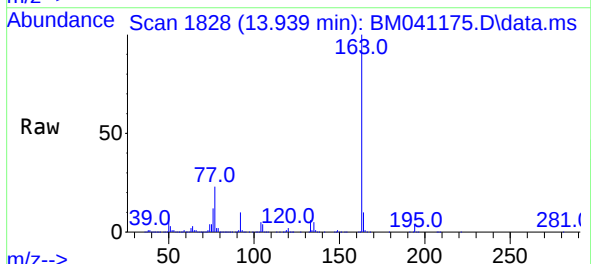
Tgt Ion:152 Resp: 1840084
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.8 10.5 15.7

Manual Integrations
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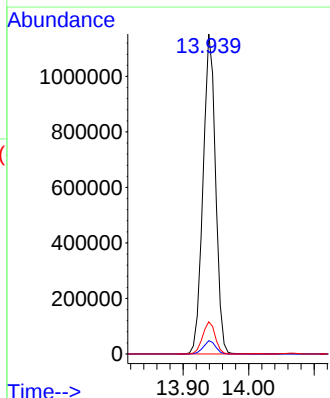
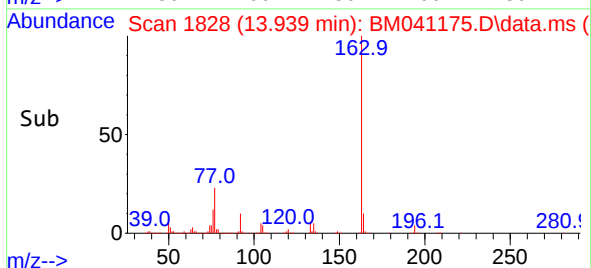
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

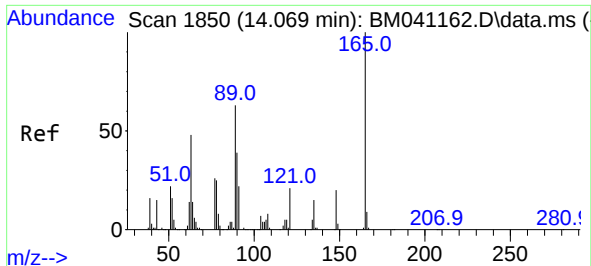


#50
Dimethylphthalate
Concen: 49.315 ng
RT: 13.939 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



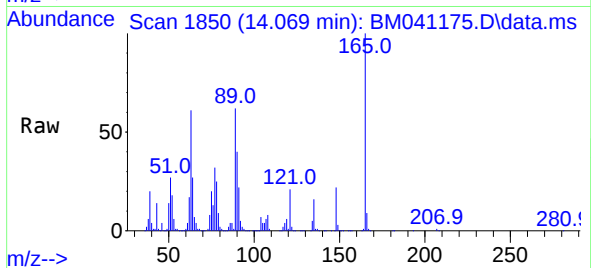
Tgt Ion:163 Resp: 1533280
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.245 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.001 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

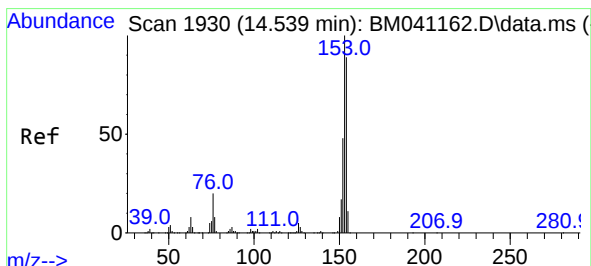
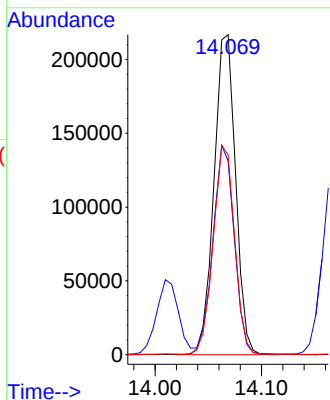
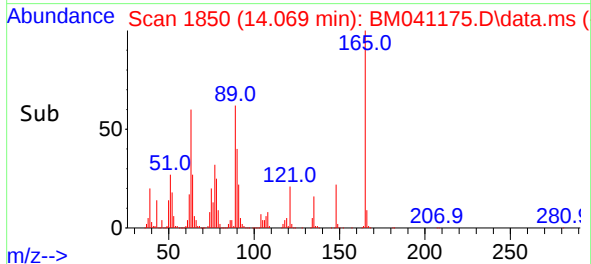
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



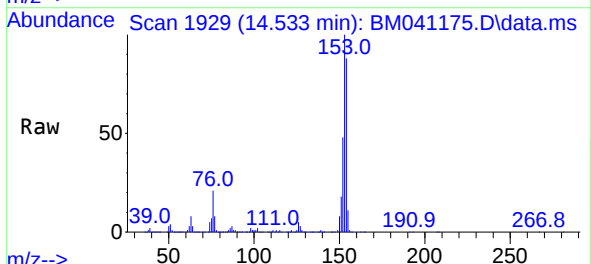
Tgt Ion:165 Resp: 30435
Ion Ratio Lower Upper
165 100
63 60.5 50.9 76.3
89 62.5 50.6 76.0

Manual Integrations
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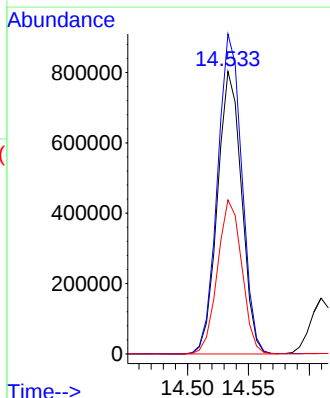
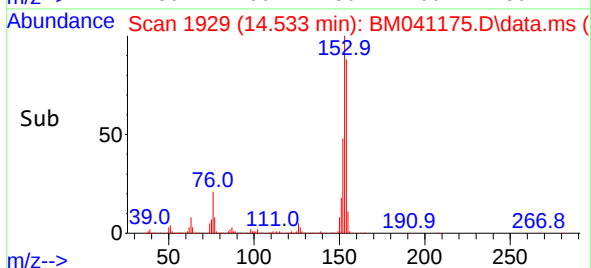
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

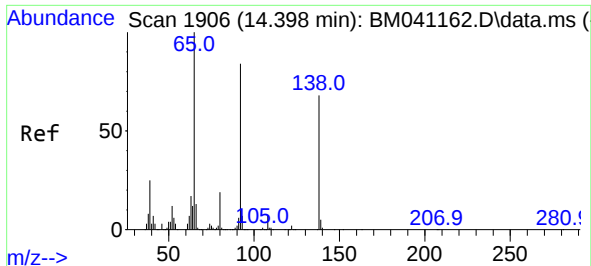


#52
Acenaphthene
Concen: 45.638 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



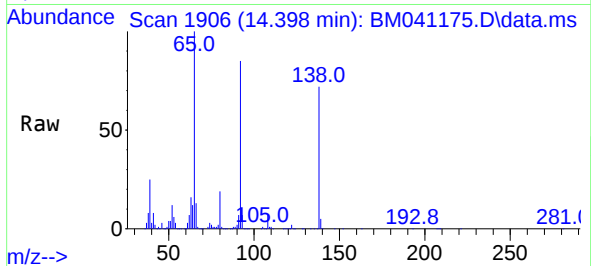
Tgt Ion:154 Resp: 1110294
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.4
152 54.5 43.4 65.0





#53
3-Nitroaniline
Concen: 42.477 ng
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

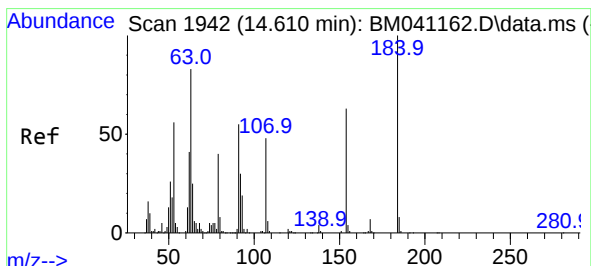
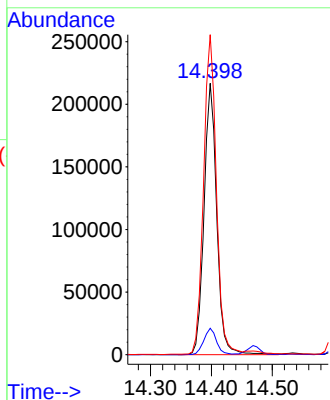
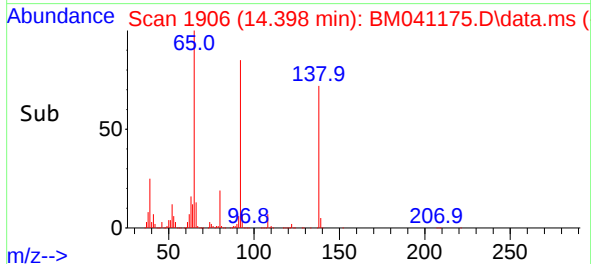
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



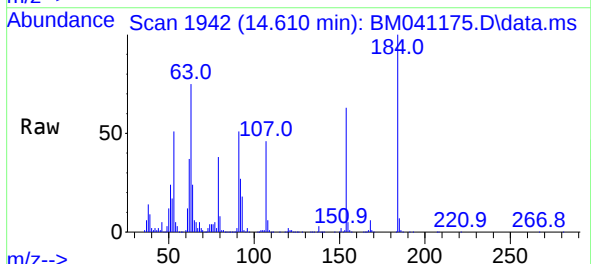
Tgt Ion:138 Resp: 31431
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.9 98.9 148.3

Manual Integrations
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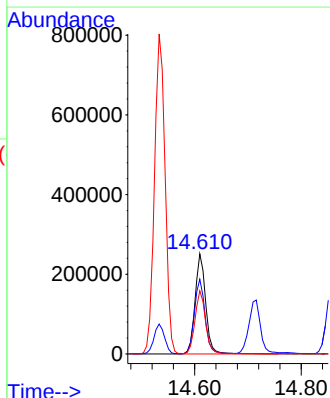
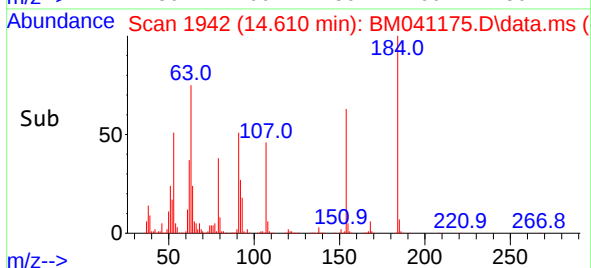
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

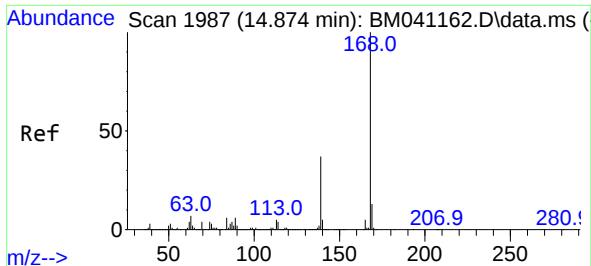


#54
2,4-Dinitrophenol
Concen: 79.452 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



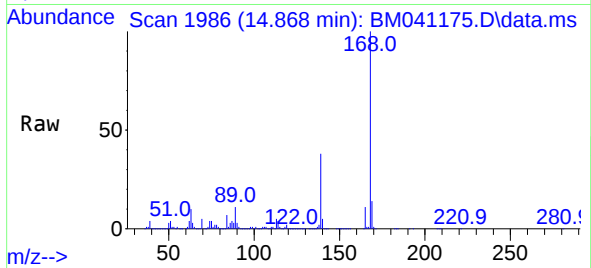
Tgt Ion:184 Resp: 345457
Ion Ratio Lower Upper
184 100
63 74.7 66.5 99.7
154 63.1 52.8 79.2





#55
Dibenzenofuran
Concen: 44.810 ng
RT: 14.868 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

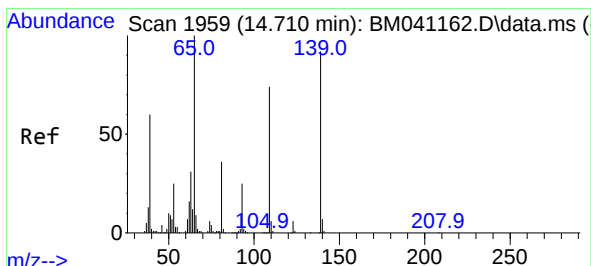
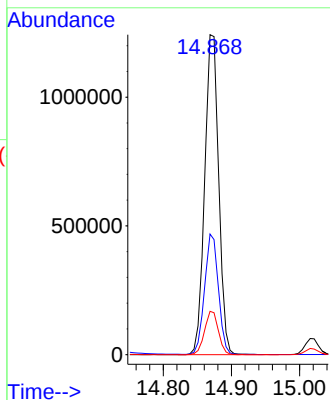
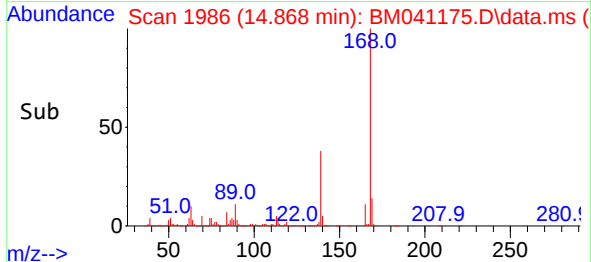
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



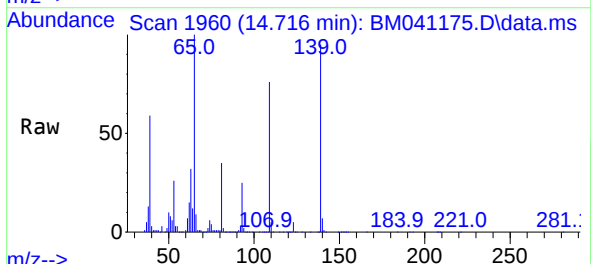
Tgt Ion:168 Resp: 177860
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.5 10.5 15.7

Manual Integrations
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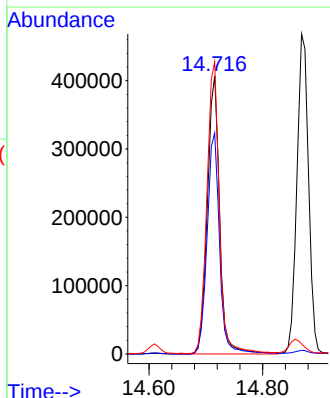
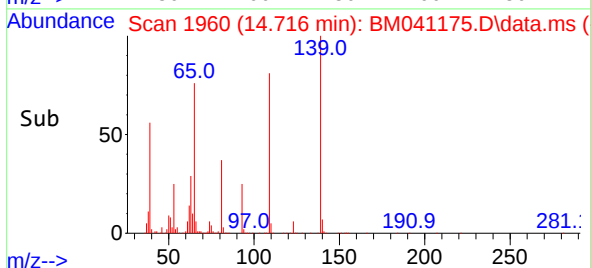
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

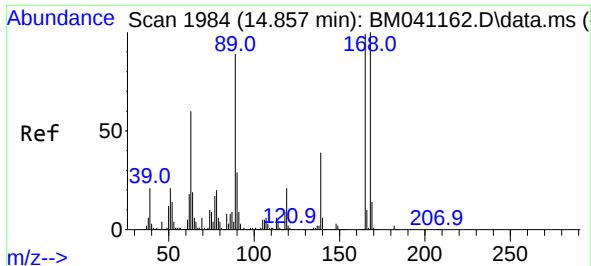


#56
4-Nitrophenol
Concen: 113.093 ng
RT: 14.716 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



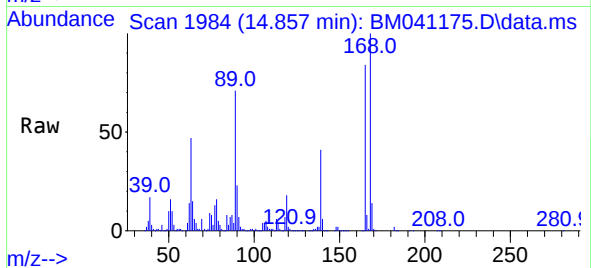
Tgt Ion:139 Resp: 607199
Ion Ratio Lower Upper
139 100
109 79.4 61.2 101.2
65 105.1 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 45.204 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

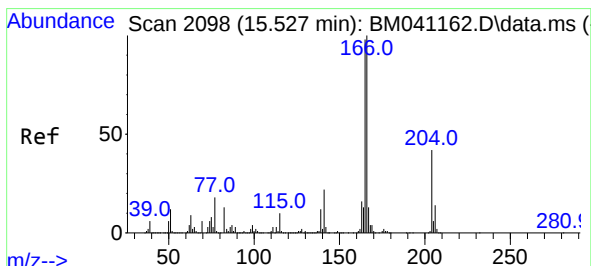
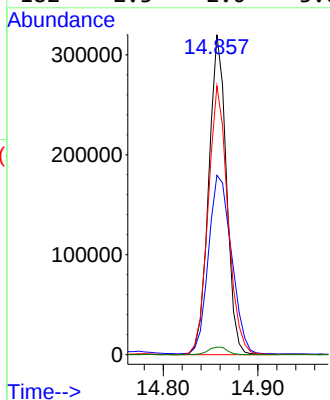
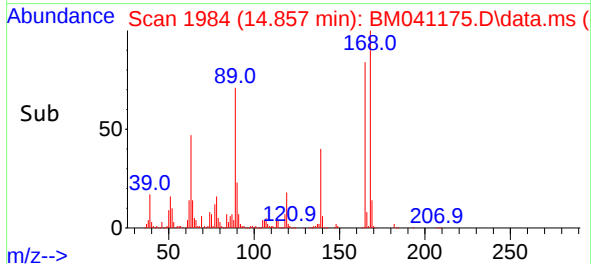
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



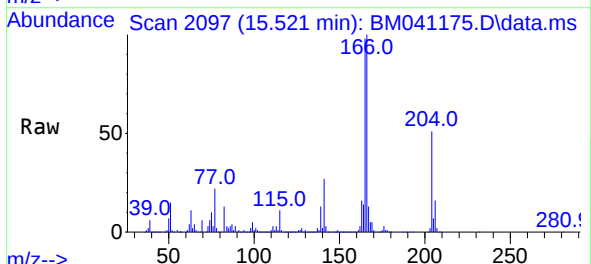
Tgt Ion:165 Resp: 414348
Ion Ratio Lower Upper
165 100
63 56.1 48.3 72.5
89 84.0 71.8 107.8
182 2.3 2.0 3.0

Manual Integrations
APPROVED

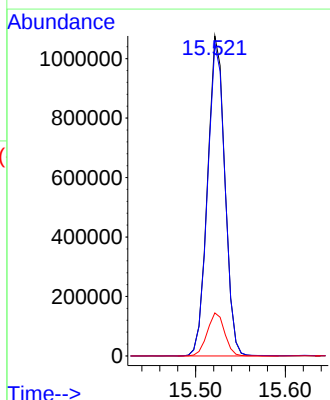
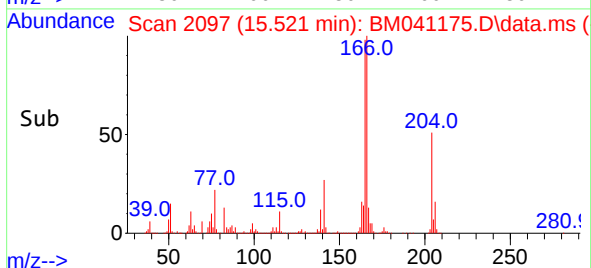
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

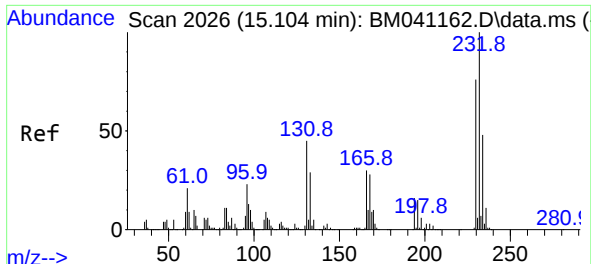


#58
Fluorene
Concen: 45.997 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



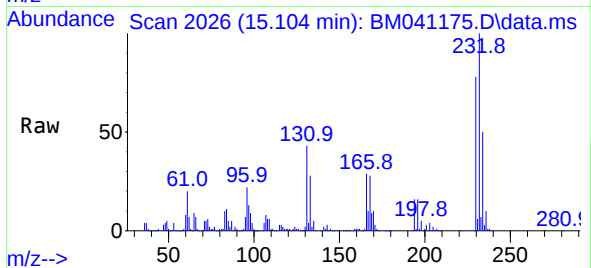
Tgt Ion:166 Resp: 1440311
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.4
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.015 ng
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

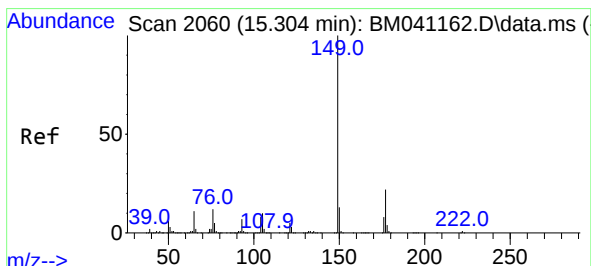
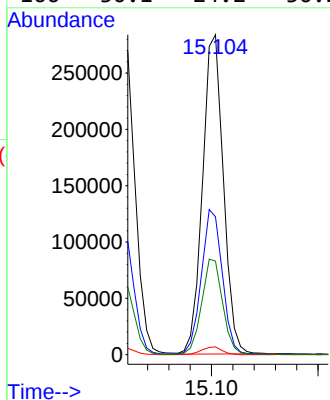
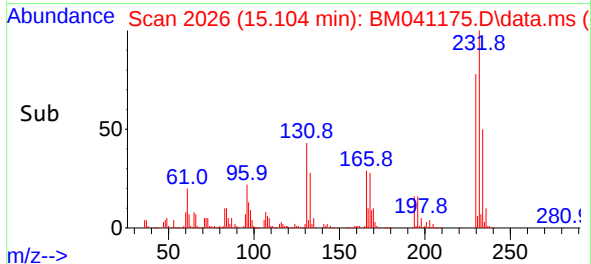
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



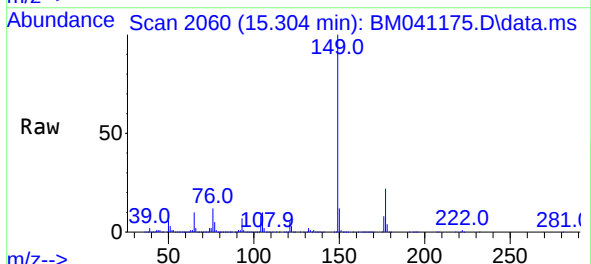
Tgt Ion:232 Resp: 38712
Ion Ratio Lower Upper
232 100
131 45.7 36.9 55.3
130 2.4 2.0 3.0
166 30.1 24.2 36.2

Manual Integrations
APPROVED

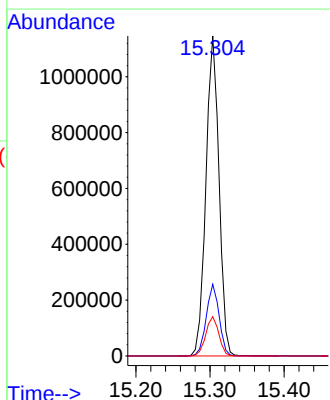
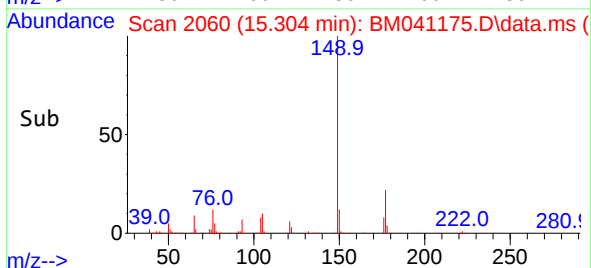
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

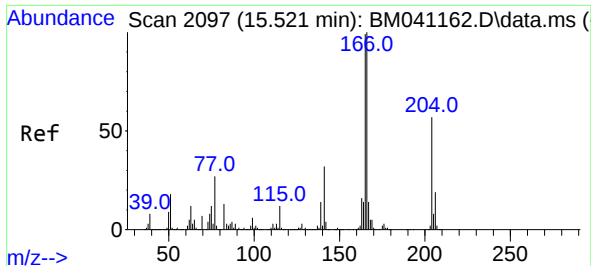


#60
Diethylphthalate
Concen: 46.646 ng
RT: 15.304 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



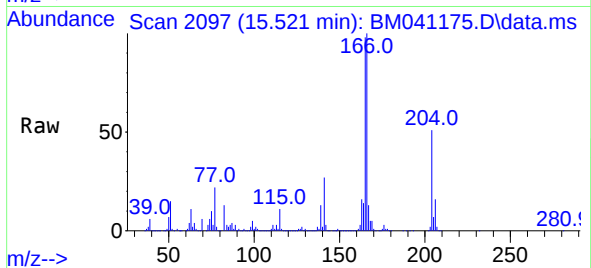
Tgt Ion:149 Resp: 1402492
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.870 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

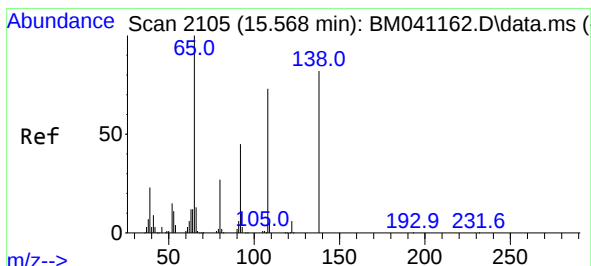
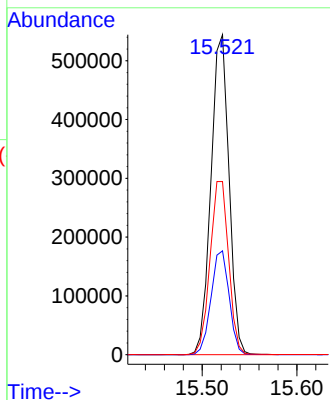
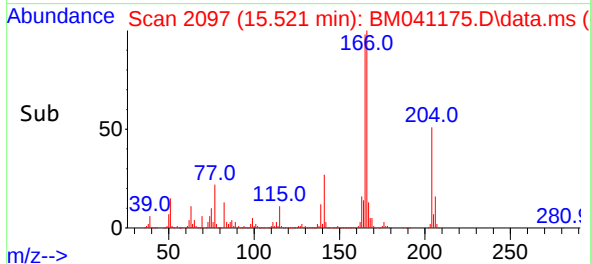
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



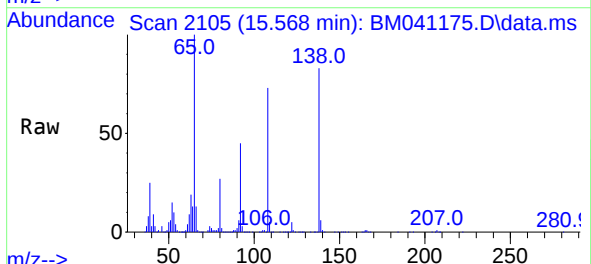
Tgt Ion:204 Resp: 71975
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 54.1 44.8 67.2

Manual Integrations
APPROVED

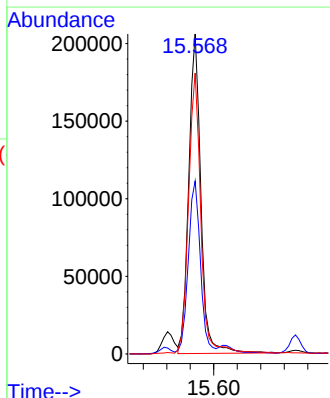
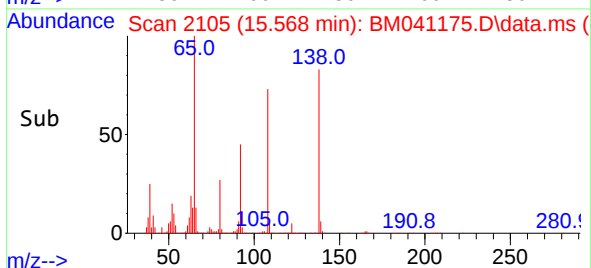
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

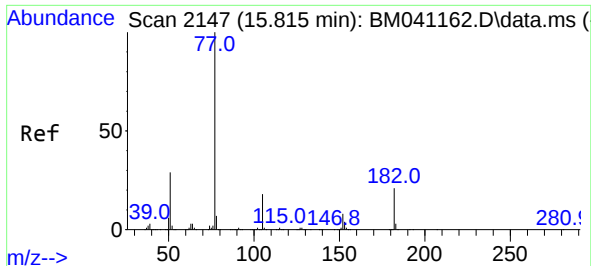


#62
4-Nitroaniline
Concen: 43.456 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



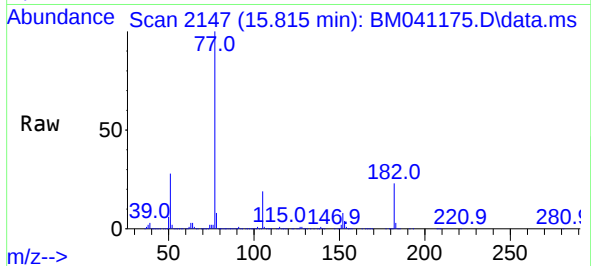
Tgt Ion:138 Resp: 295630
Ion Ratio Lower Upper
138 100
92 54.1 35.1 75.1
108 87.8 67.8 107.8





#63
Azobenzene
Concen: 45.987 ng
RT: 15.815 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

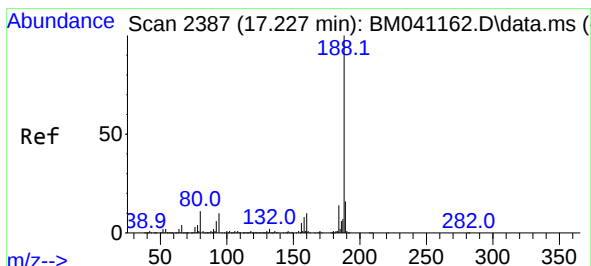
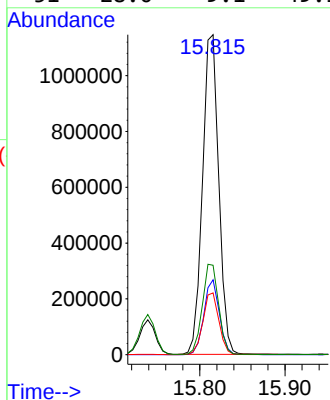
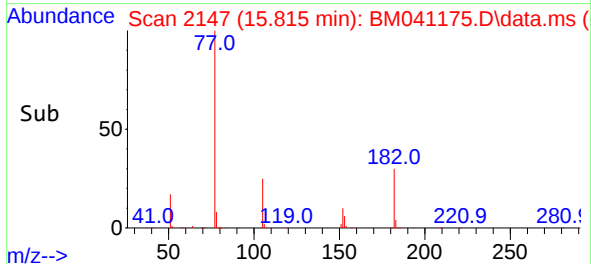
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 77 Resp: 151456
Ion Ratio Lower Upper
77 100
182 23.4 1.3 41.3
105 19.3 0.0 38.5
51 28.0 9.1 49.1

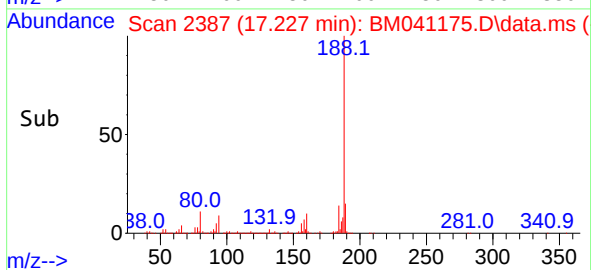
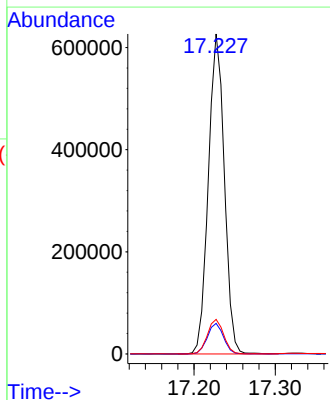
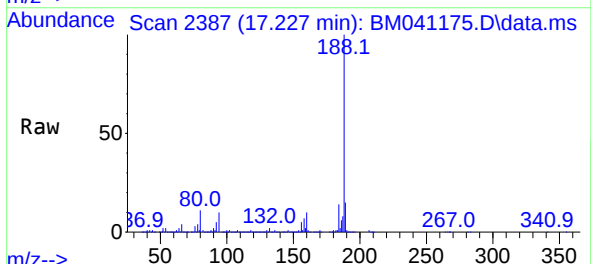
Manual Integrations
APPROVED

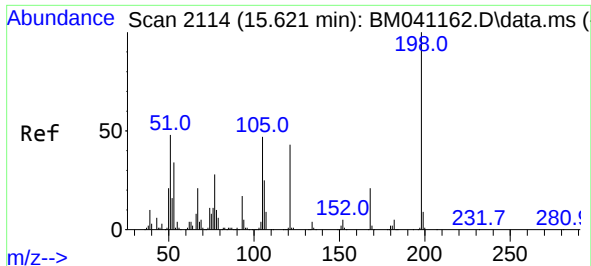
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

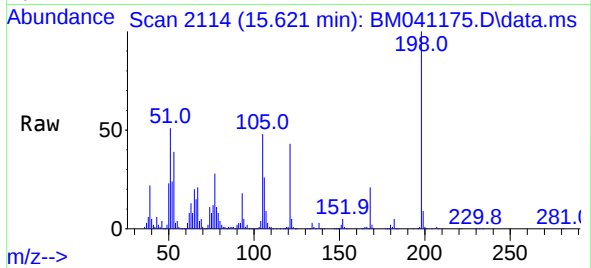
Tgt Ion:188 Resp: 855318
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.8 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.796 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

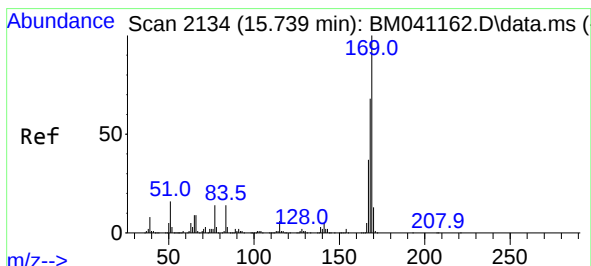
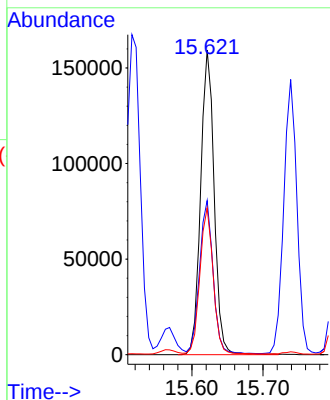
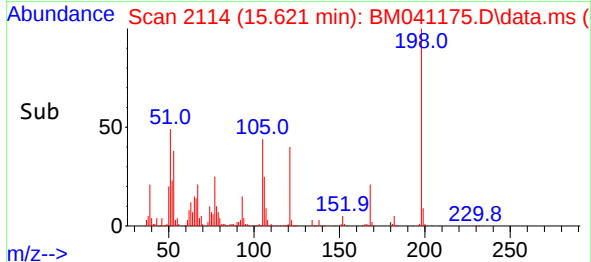
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



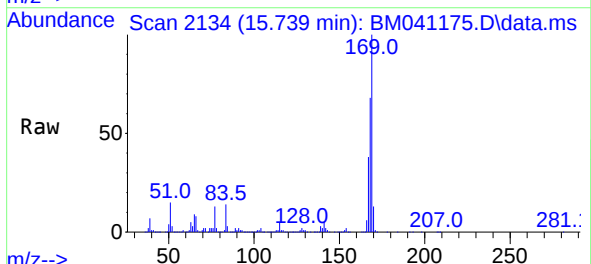
Tgt Ion:198 Resp: 21138
Ion Ratio Lower Upper
198 100
51 50.6 31.7 71.7
105 48.2 27.8 67.8

Manual Integrations
APPROVED

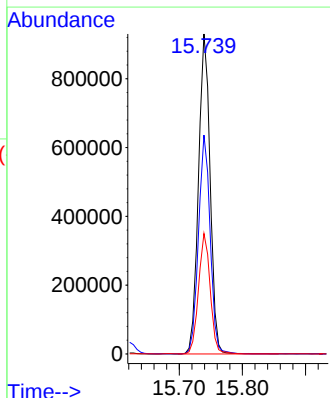
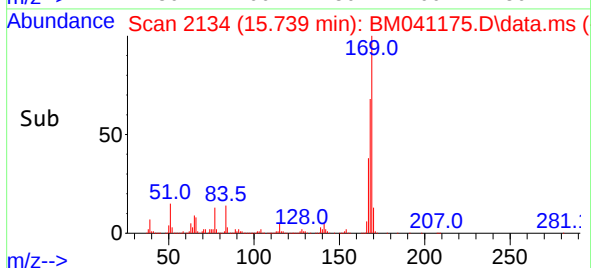
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

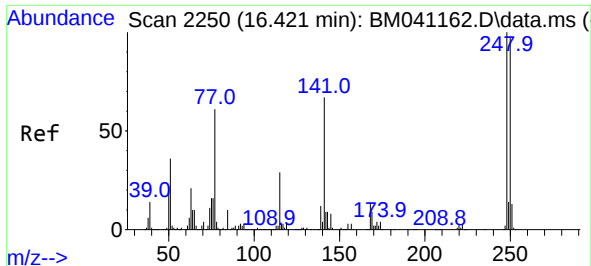


#66
n-Nitrosodiphenylamine
Concen: 44.678 ng
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



Tgt Ion:169 Resp: 1188488
Ion Ratio Lower Upper
169 100
168 68.4 54.6 81.8
167 37.6 29.9 44.9





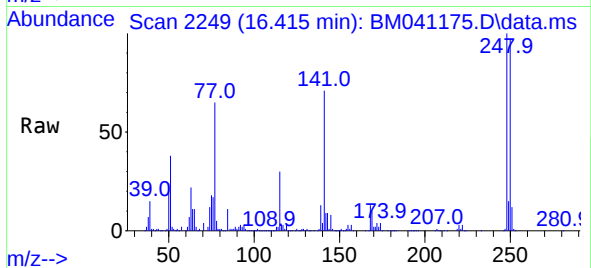
#67
4-Bromophenyl-phenylether
Concen: 45.823 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

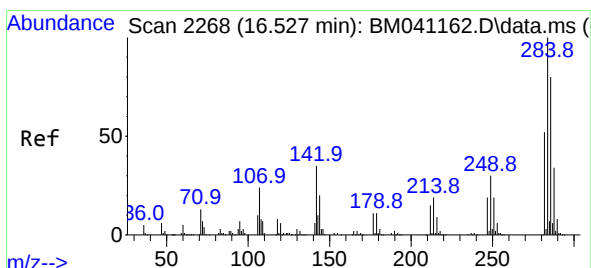
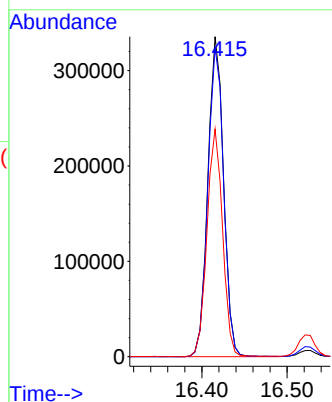
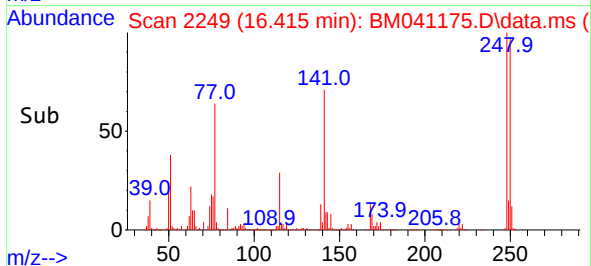


Tgt Ion:248 Resp: 42972
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 71.1 53.8 80.8

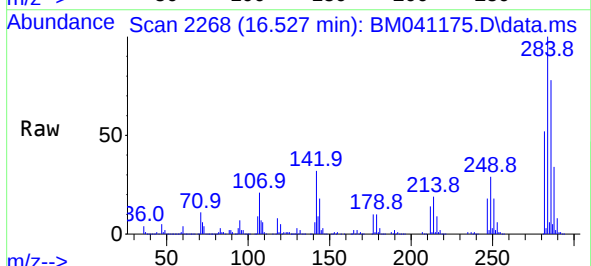
Manual Integrations

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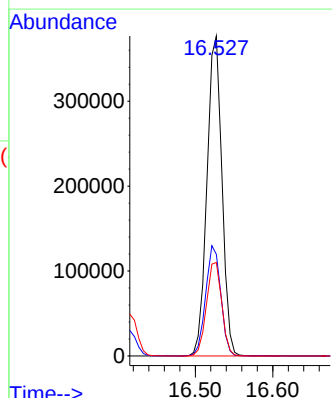
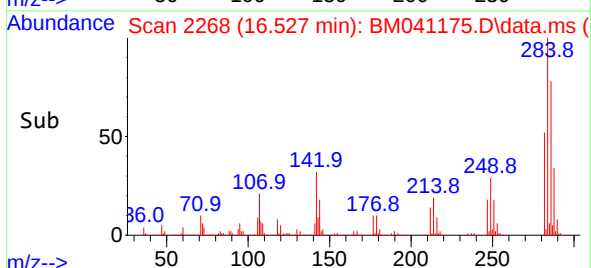
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

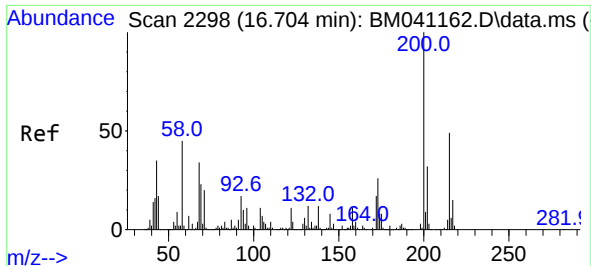


#68
Hexachlorobenzene
Concen: 48.488 ng
RT: 16.527 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



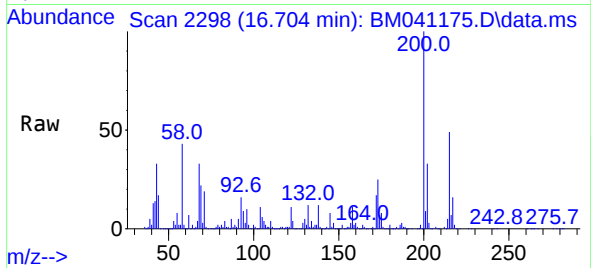
Tgt Ion:284 Resp: 505627
Ion Ratio Lower Upper
284 100
142 31.8 28.0 42.0
249 29.2 23.7 35.5





#69
Atrazine
Concen: 59.080 ng
RT: 16.704 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

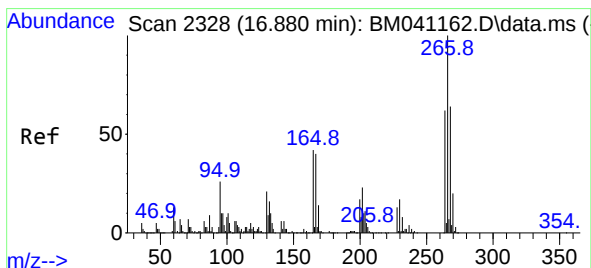
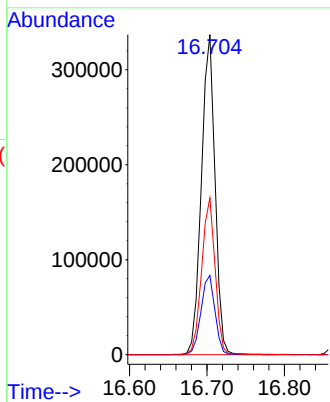
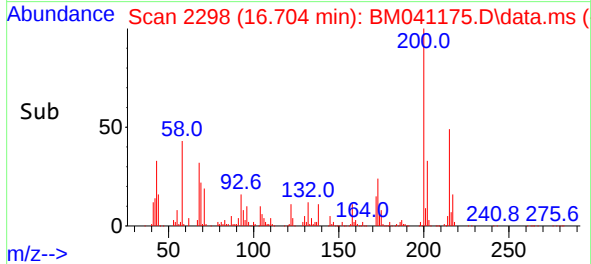
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



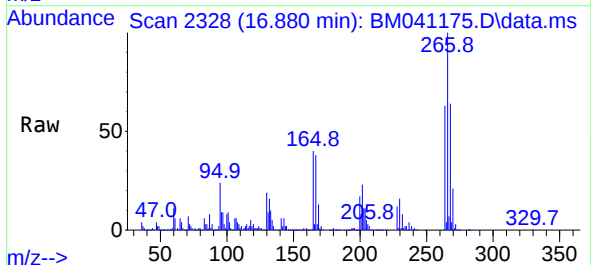
Tgt Ion:200 Resp: 41272
Ion Ratio Lower Upper
200 100
173 24.8 5.6 45.6
215 49.0 28.5 68.5

Manual Integrations
APPROVED

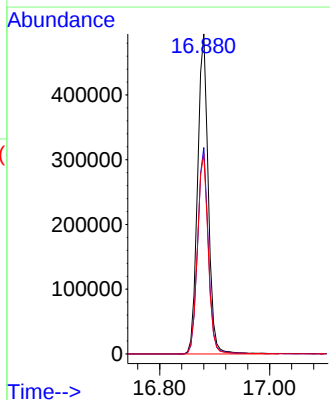
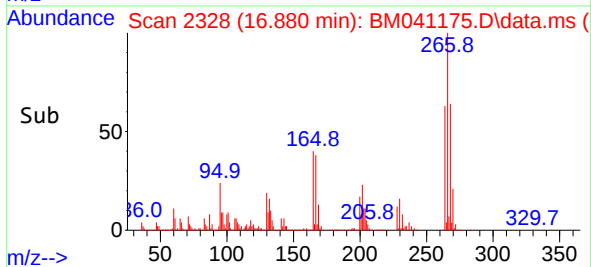
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

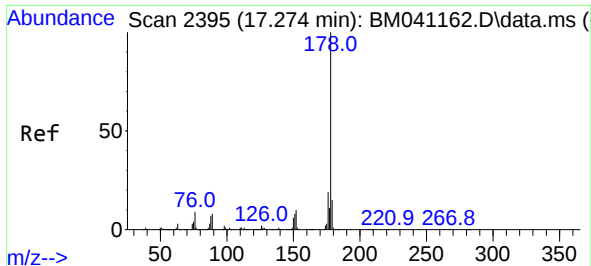


#70
Pentachlorophenol
Concen: 92.400 ng
RT: 16.880 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



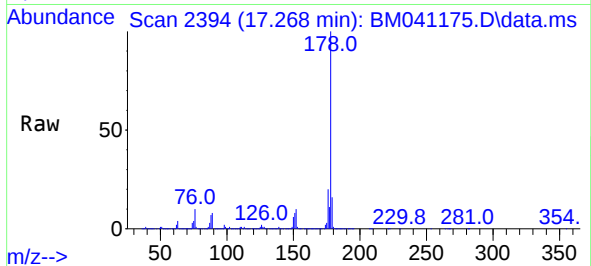
Tgt Ion:266 Resp: 667200
Ion Ratio Lower Upper
266 100
268 64.5 51.0 76.6
264 62.6 49.4 74.2





#71
Phenanthrene
Concen: 48.302 ng
RT: 17.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

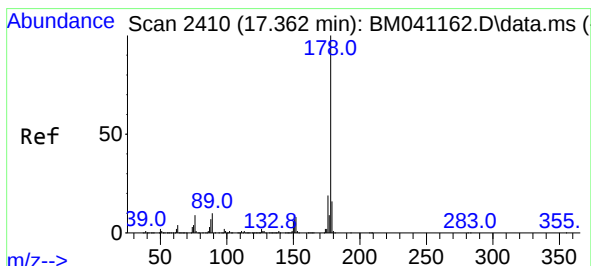
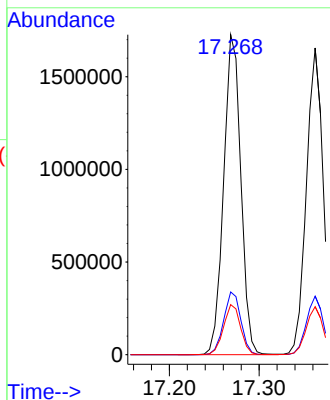
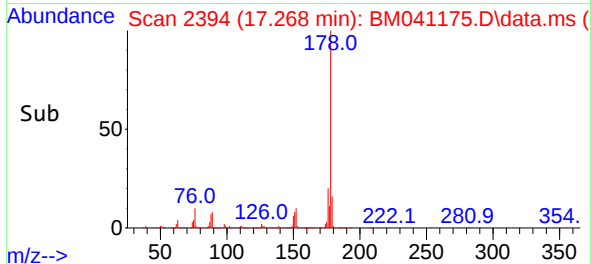
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



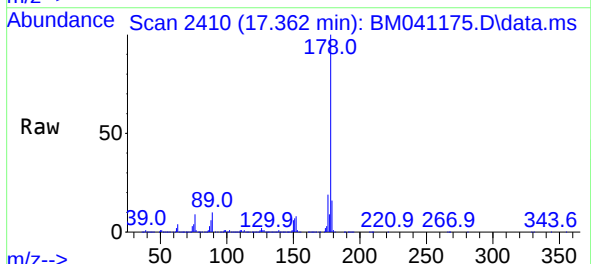
Tgt Ion:178 Resp: 2295408
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.7 12.1 18.1

Manual Integrations
APPROVED

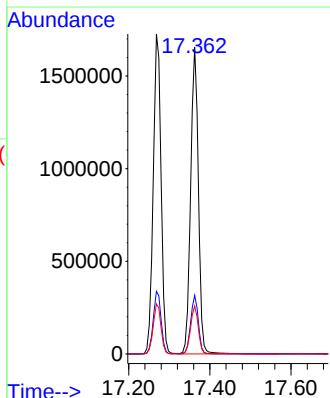
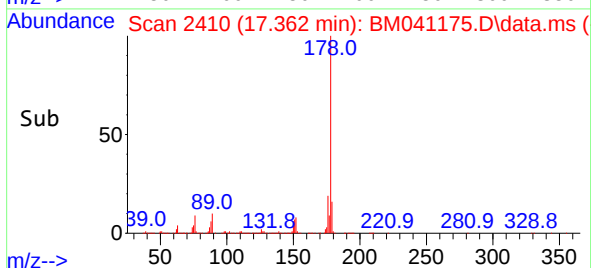
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

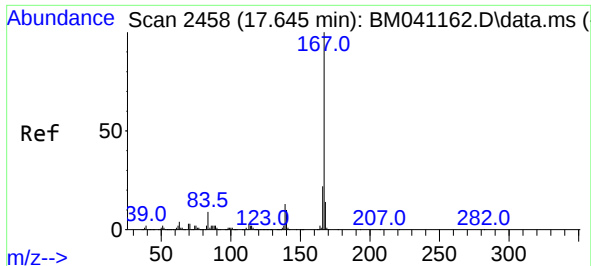


#72
Anthracene
Concen: 46.523 ng
RT: 17.362 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



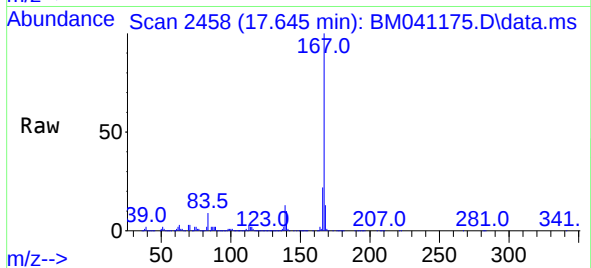
Tgt Ion:178 Resp: 2186590
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 48.038 ng
 RT: 17.645 min Scan# 2458
 Delta R.T. -0.000 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MSD

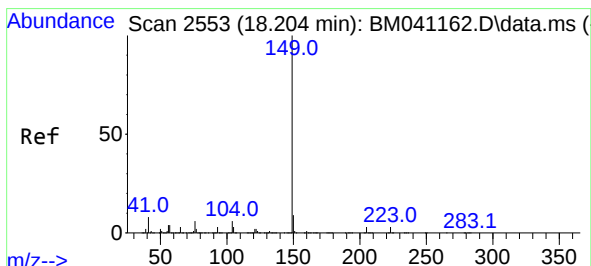
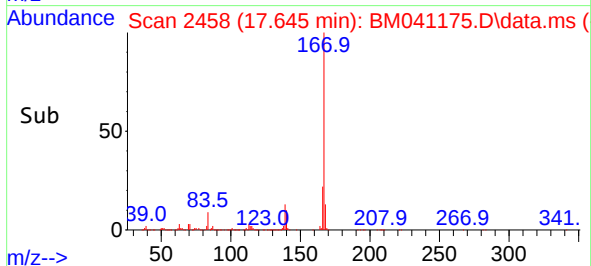
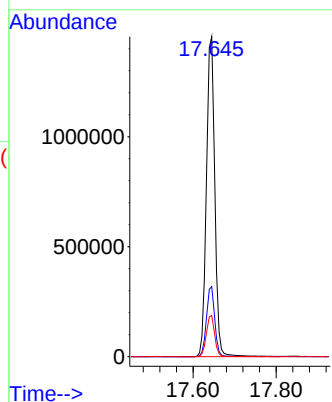


Tgt Ion:167 Resp: 204351

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.8	10.3	15.5

Manual Integrations
 APPROVED

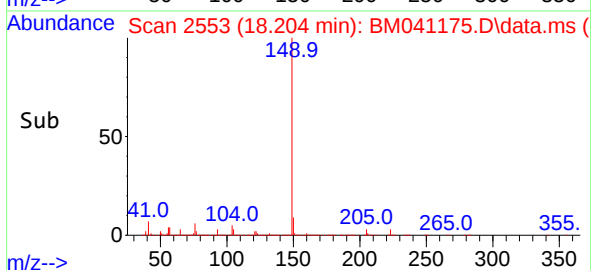
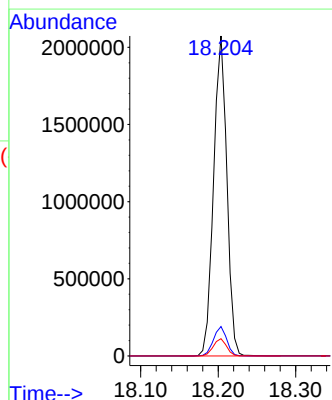
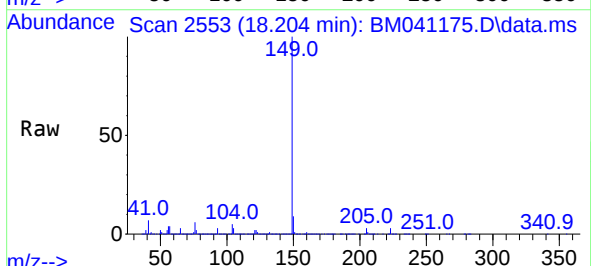
Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

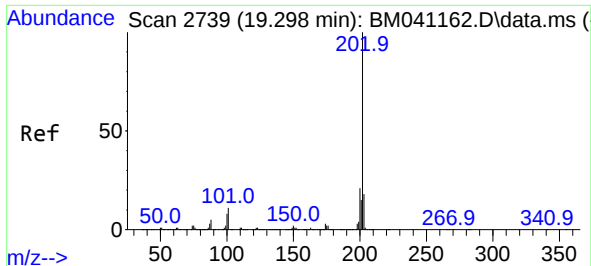


#74
 Di-n-butylphthalate
 Concen: 51.149 ng
 RT: 18.204 min Scan# 2553
 Delta R.T. -0.000 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

Tgt Ion:149 Resp: 2458744

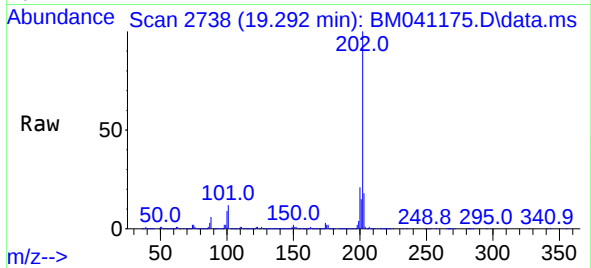
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.4	4.5	6.7





#75
Fluoranthene
Concen: 52.495 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

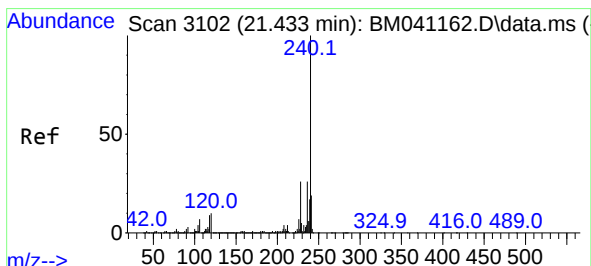
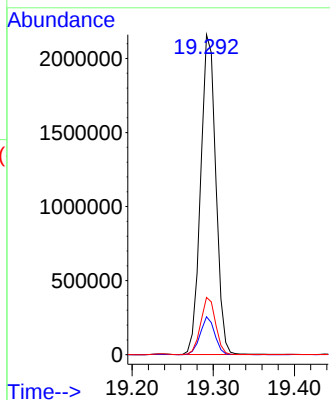
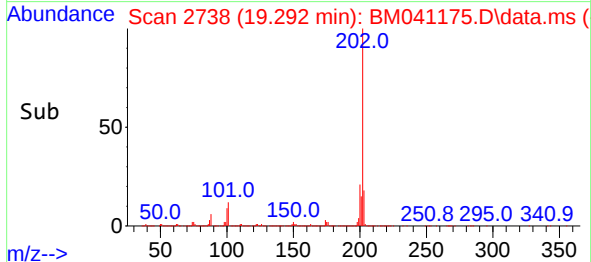
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:202 Resp: 2802690
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.8
203 17.9 0.0 37.6

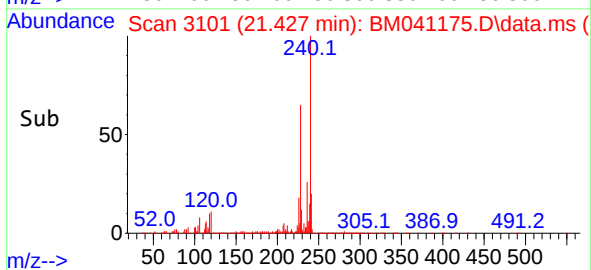
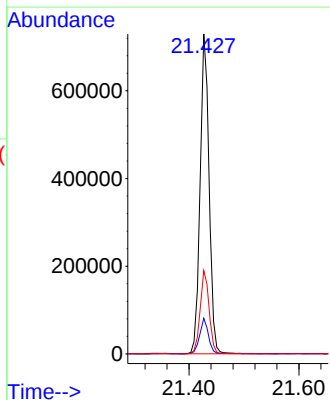
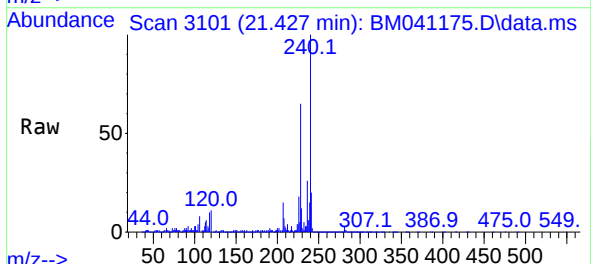
Manual Integrations
APPROVED

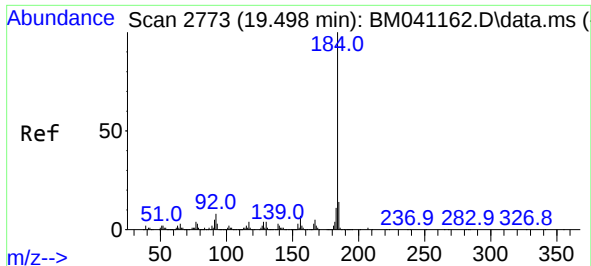
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

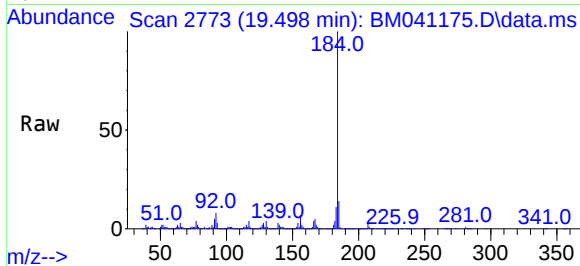
Tgt Ion:240 Resp: 829098
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 26.0 20.6 30.8





#77
Benzidine
Concen: 71.195 ng
RT: 19.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

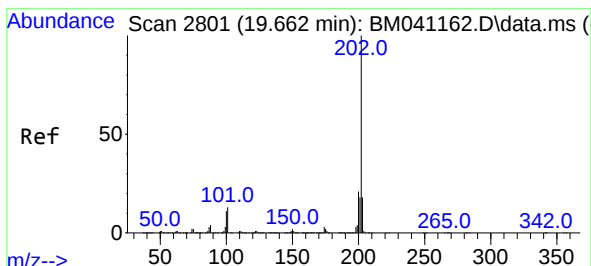
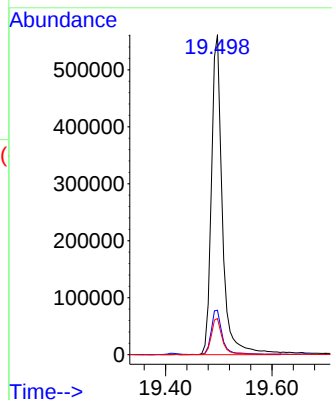
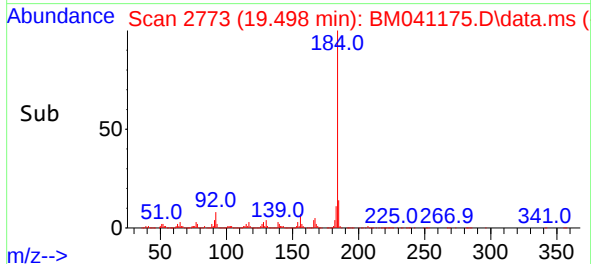
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:184 Resp: 804544
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.3 9.2 13.8

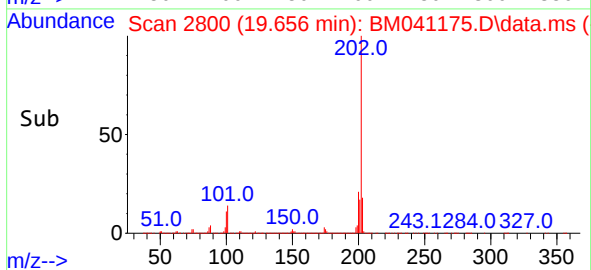
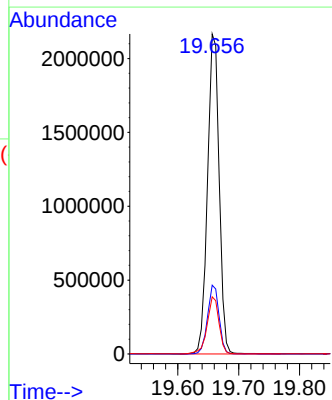
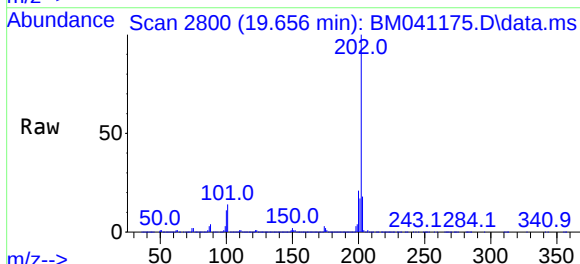
Manual Integrations
APPROVED

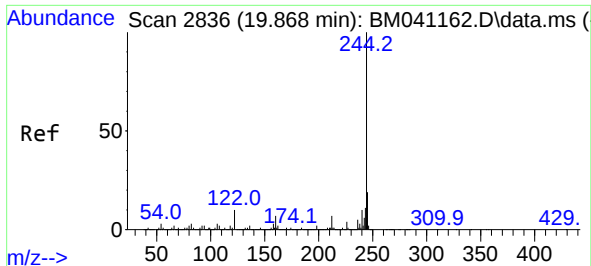
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#78
Pyrene
Concen: 49.601 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:202 Resp: 2875871
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.9 14.1 21.1





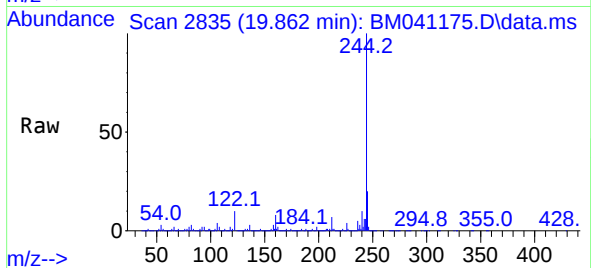
#79
 Terphenyl-d14
 Concen: 71.088 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

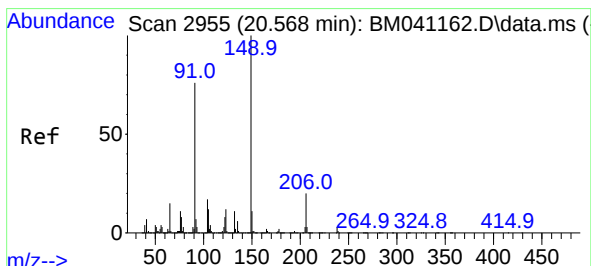
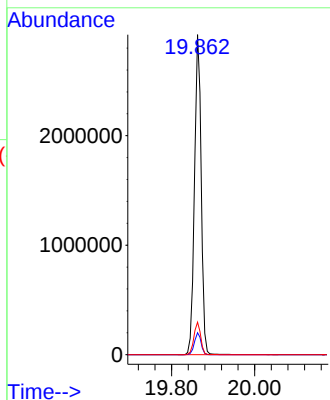
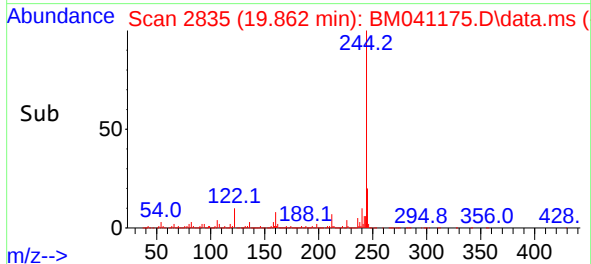


Tgt Ion:244 Resp: 325978
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.1 7.8 11.6

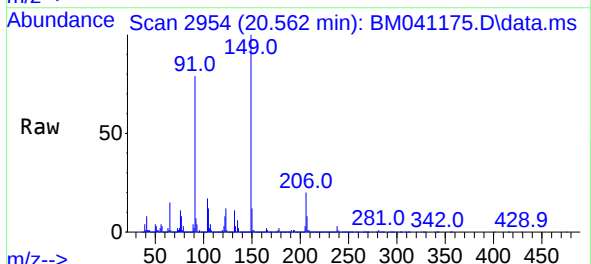
Manual Integrations

APPROVED

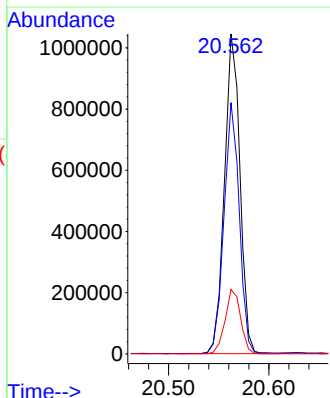
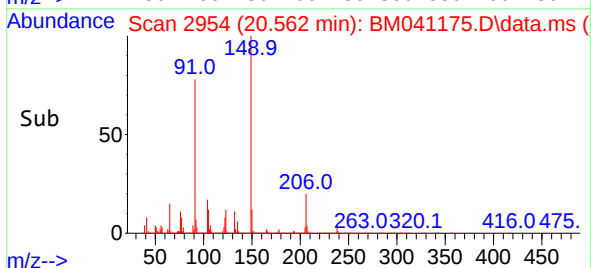
Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

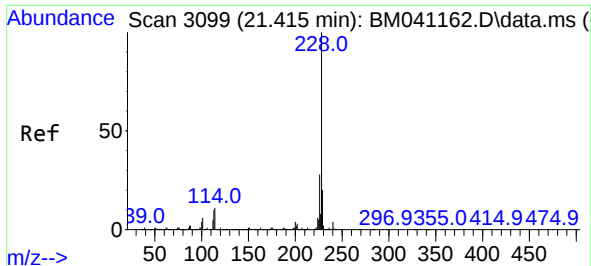


#80
 Butylbenzylphthalate
 Concen: 52.866 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.006 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00



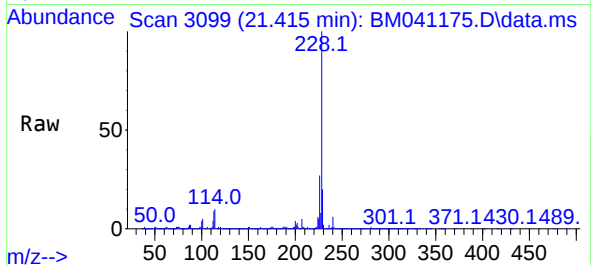
Tgt Ion:149 Resp: 1119340
 Ion Ratio Lower Upper
 149 100
 91 78.5 60.8 91.2
 206 20.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 49.144 ng
RT: 21.415 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

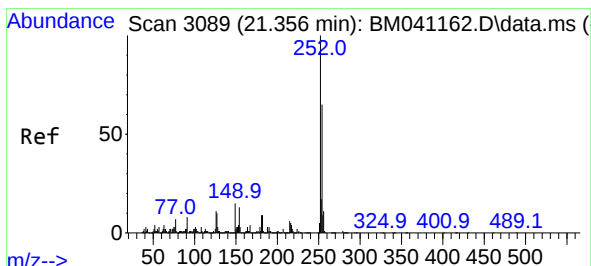
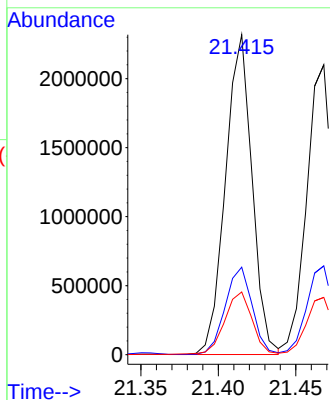
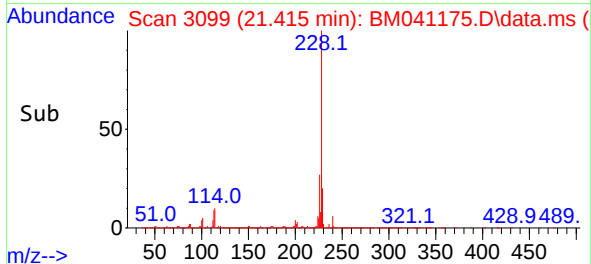
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:228 Resp: 2762190
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 19.6 15.8 23.8

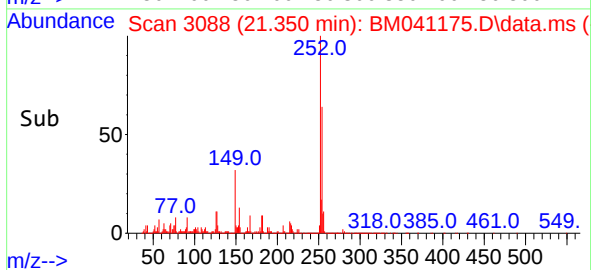
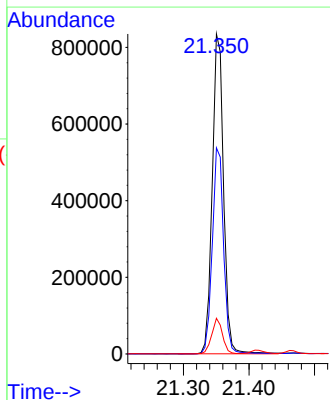
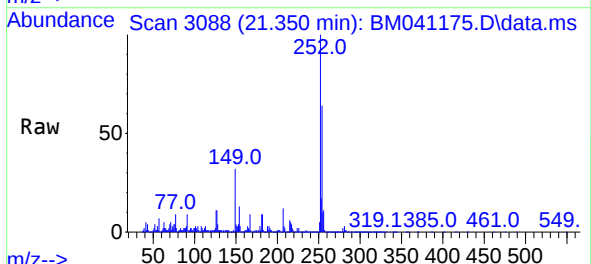
Manual Integrations
APPROVED

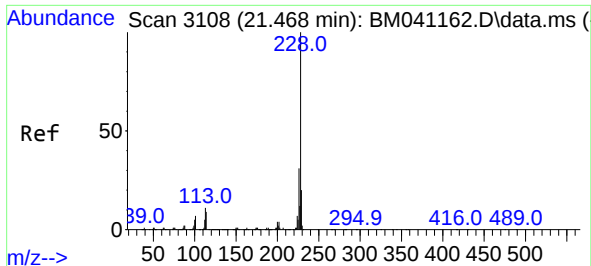
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 54.505 ng
RT: 21.350 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

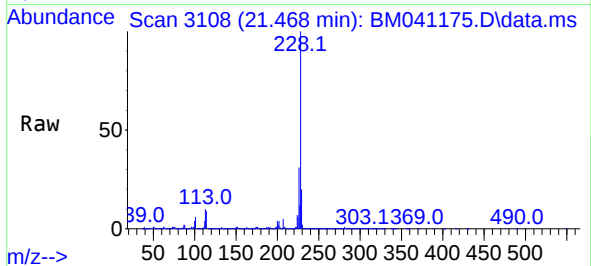
Tgt Ion:252 Resp: 999663
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 11.2 8.6 13.0





#83
Chrysene
Concen: 46.585 ng
RT: 21.468 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

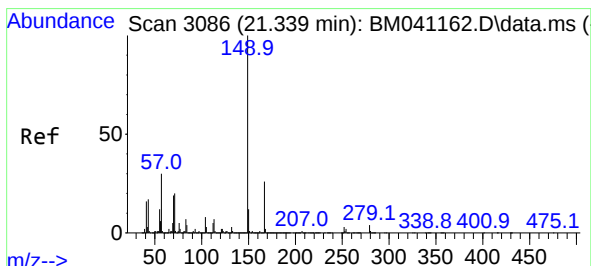
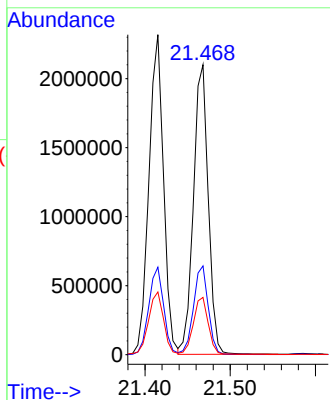
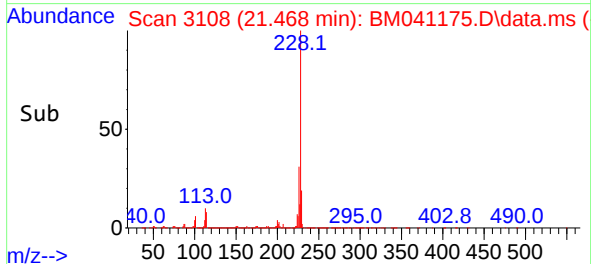
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



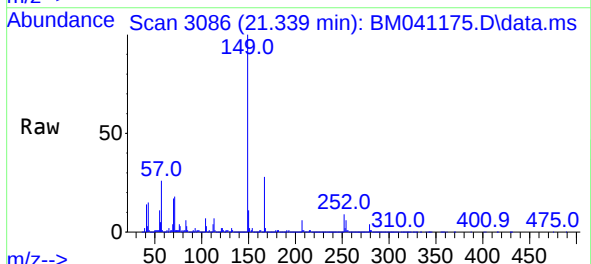
Tgt Ion:228 Resp: 2532609
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.8 15.8 23.8

Manual Integrations
APPROVED

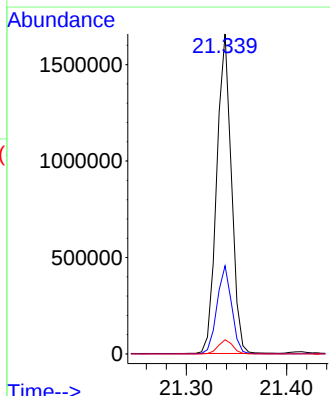
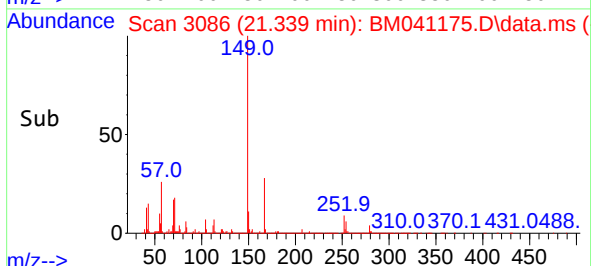
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

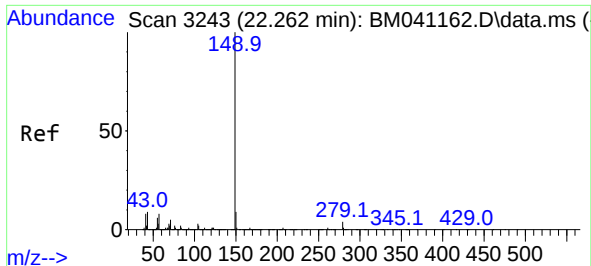


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.926 ng
RT: 21.339 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



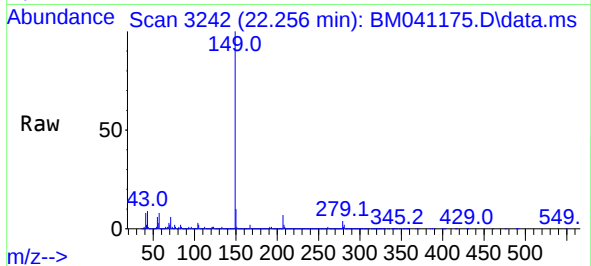
Tgt Ion:149 Resp: 1682333
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.6
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 53.535 ng
RT: 22.256 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

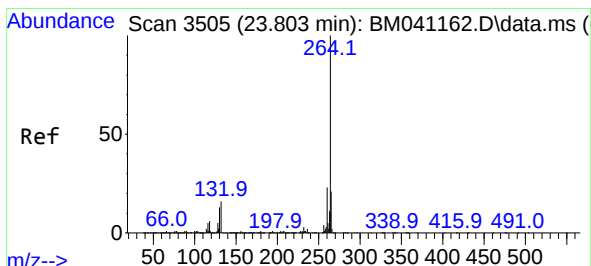
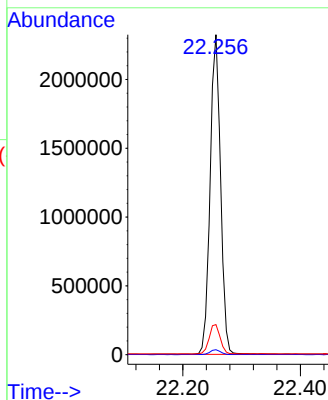
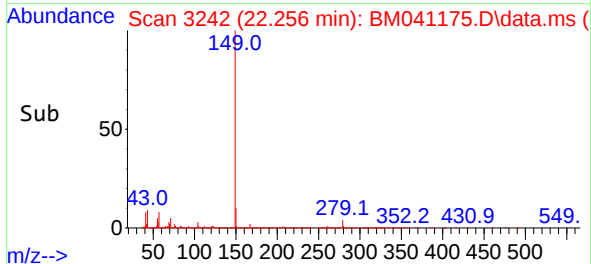
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:149 Resp: 286475
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 8.3 12.5

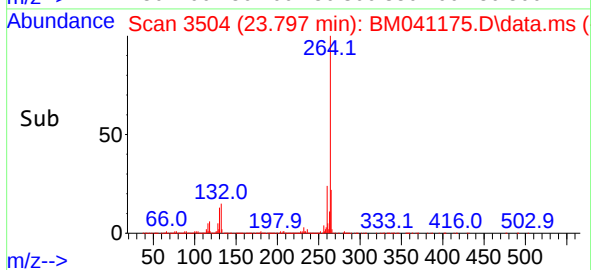
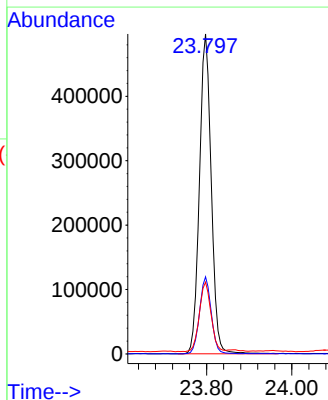
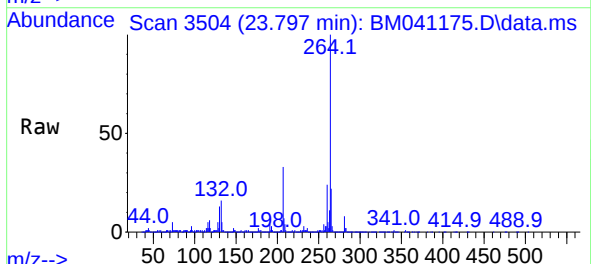
Manual Integrations
APPROVED

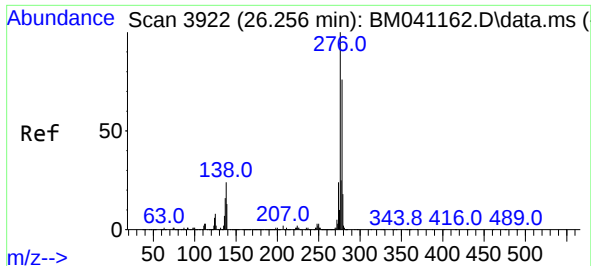
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

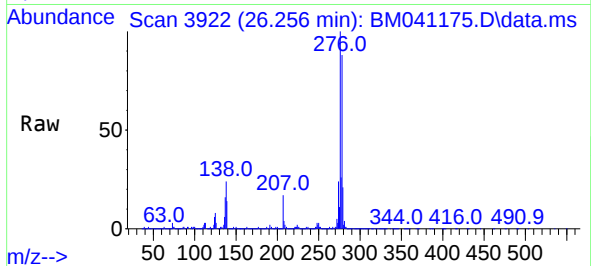
Tgt Ion:264 Resp: 953040
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.973 ng
RT: 26.256 min Scan# 3922
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

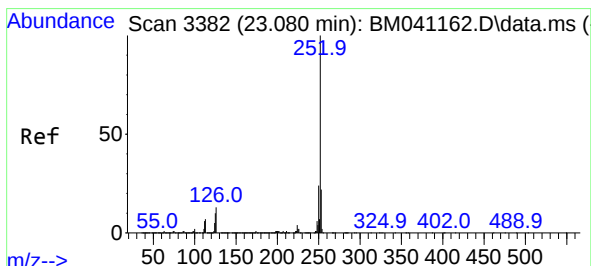
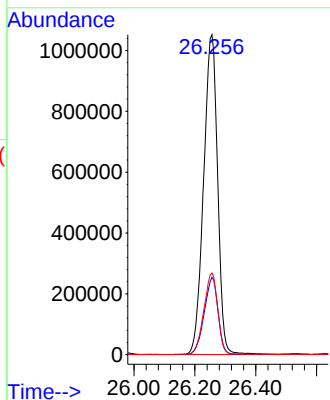
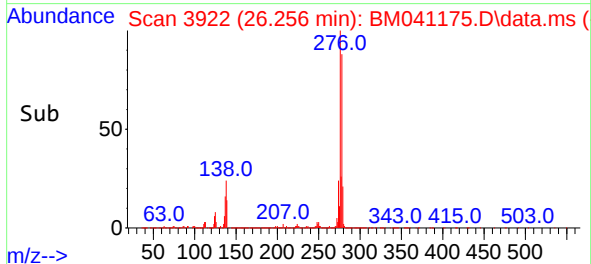
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



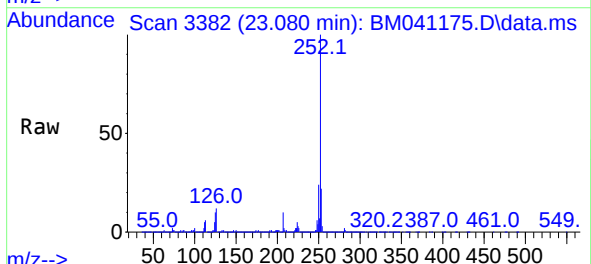
Tgt Ion:276 Resp: 3361398
Ion Ratio Lower Upper
276 100
138 23.8 20.0 30.0
277 25.0 20.1 30.1

Manual Integrations
APPROVED

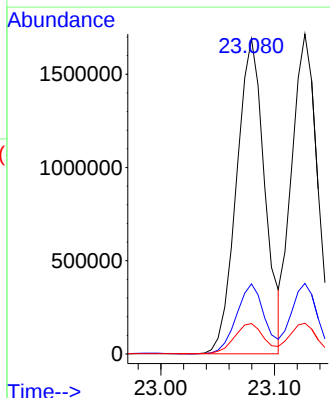
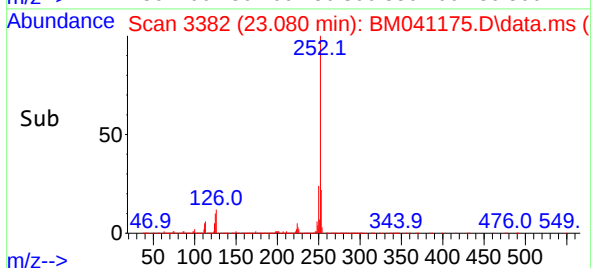
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

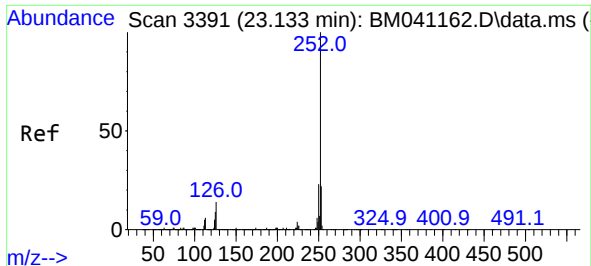


#88
Benzo(b)fluoranthene
Concen: 51.628 ng
RT: 23.080 min Scan# 3382
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00



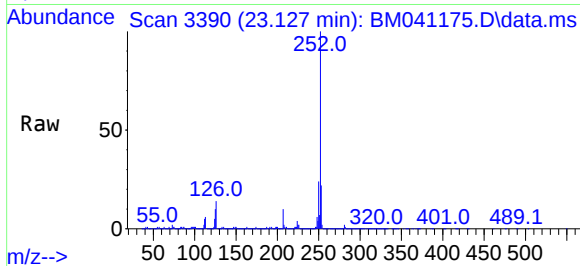
Tgt Ion:252 Resp: 2922970
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.7 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 46.665 ng
RT: 23.127 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

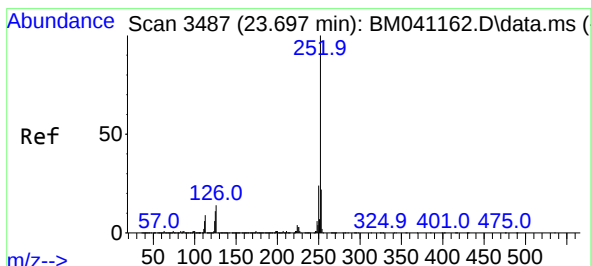
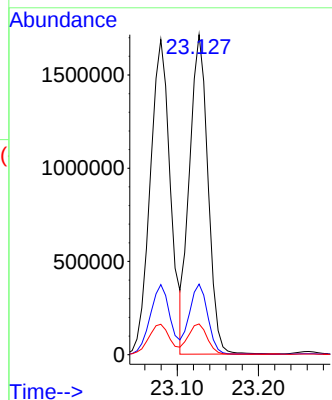
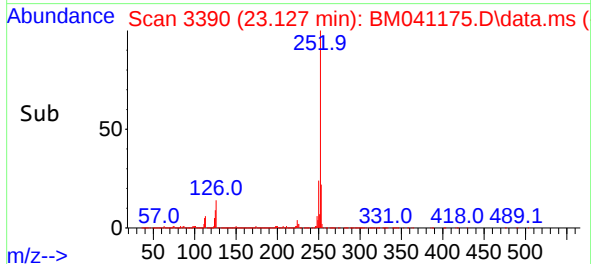
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:252 Resp: 270251
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.6 7.6 11.4

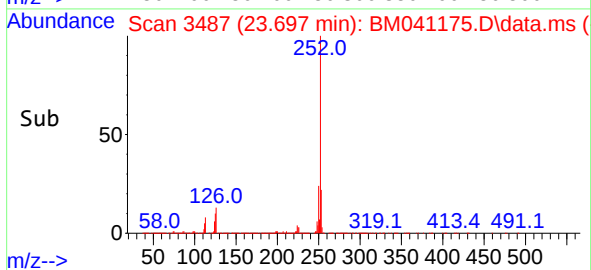
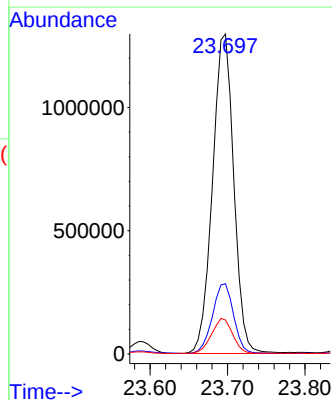
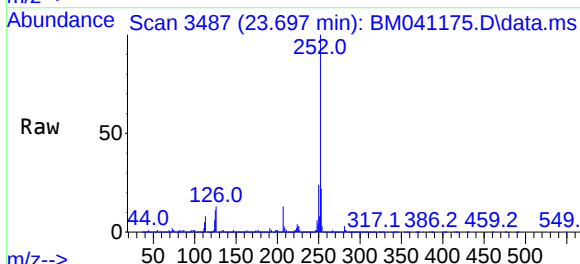
Manual Integrations
APPROVED

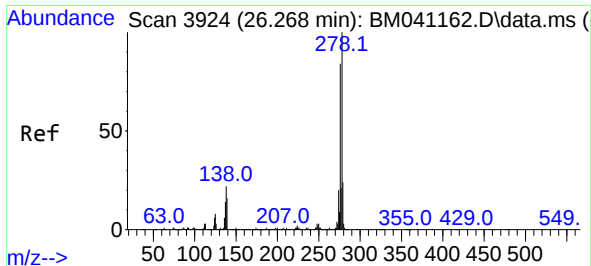
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#90
Benzo(a)pyrene
Concen: 45.459 ng
RT: 23.697 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

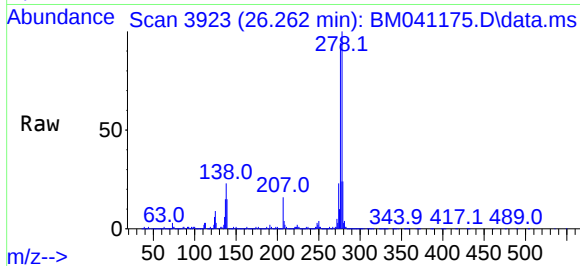
Tgt Ion:252 Resp: 2472993
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.6 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 46.837 ng
RT: 26.262 min Scan# 3924
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

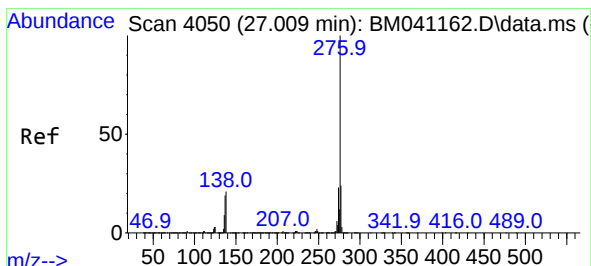
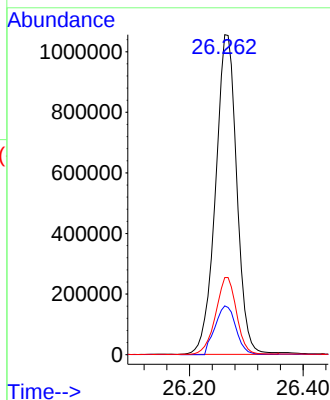
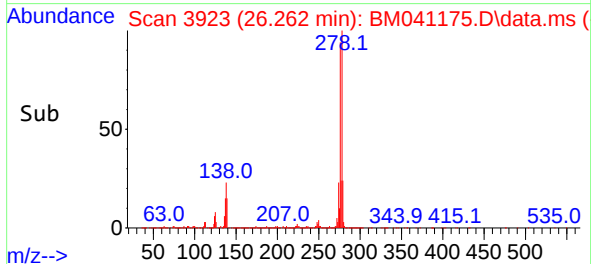
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:278 Resp: 273728
Ion Ratio Lower Upper
278 100
139 15.3 12.7 19.1
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#92
Benzo(g,h,i)perylene
Concen: 46.886 ng
RT: 27.003 min Scan# 4049
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:276 Resp: 2681210
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 21.1 17.1 25.7

