

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041348.D
 Acq On : 09 Aug 2023 20:24
 Operator : MA/JU
 Sample : 03919-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-38MSD

Quant Time: Aug 10 03:27:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	154869	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	610059	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	355651	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	686356	20.000	ng	0.00
76) Chrysene-d12	21.415	240	512001	20.000	ng	0.00
86) Perylene-d12	23.780	264	567427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1127557	108.817	ng	0.00
7) Phenol-d6	6.969	99	1319446	98.234	ng	0.00
23) Nitrobenzene-d5	8.963	82	1045344	79.686	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	633480	125.928	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2305466	81.889	ng	0.00
79) Terphenyl-d14	19.845	244	2787803	98.447	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	147224	33.213	ng	# 42
3) Pyridine	3.681	79	362965	31.142	ng	99
4) n-Nitrosodimethylamine	3.587	42	216804	40.220	ng	98
6) Aniline	7.122	93	164842	10.487	ng	99
8) 2-Chlorophenol	7.351	128	486308	48.074	ng	99
9) Benzaldehyde	6.934	77	167162m	23.586	ng	
10) Phenol	6.999	94	528438	40.735	ng	95
11) bis(2-Chloroethyl)ether	7.222	93	496293	47.262	ng	96
12) 1,3-Dichlorobenzene	7.663	146	525826	47.753	ng	100
13) 1,4-Dichlorobenzene	7.816	146	537320	48.549	ng	99
14) 1,2-Dichlorobenzene	8.128	146	521601	49.152	ng	99
15) Benzyl Alcohol	8.046	79	455254m	53.671	ng	
16) 2,2'-oxybis(1-Chloropr...	8.322	45	624656	44.646	ng	95
17) 2-Methylphenol	8.245	107	406766	45.895	ng	98
18) Hexachloroethane	8.845	117	207073	50.256	ng	93
19) n-Nitroso-di-n-propyla...	8.604	70	421320	51.643	ng	99
20) 3+4-Methylphenols	8.581	107	534030	45.065	ng	97
22) Acetophenone	8.622	105	767153	47.481	ng	# 100
24) Nitrobenzene	9.004	77	599446	45.186	ng	100
25) Isophorone	9.528	82	1143744	51.362	ng	99
26) 2-Nitrophenol	9.710	139	274236	52.879	ng	95
27) 2,4-Dimethylphenol	9.775	122	418077	45.813	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	664043	47.605	ng	100
29) 2,4-Dichlorophenol	10.245	162	479051	52.054	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	533448	52.465	ng	99
31) Naphthalene	10.639	128	1504202	45.437	ng	100
32) Benzoic acid	9.951	122	166429	27.818	ng	97
33) 4-Chloroaniline	10.787	127	74233	5.611	ng	99
34) Hexachlorobutadiene	10.904	225	339202	55.469	ng	99
35) Caprolactam	11.604	113	113401	42.596	ng	91
36) 4-Chloro-3-methylphenol	11.910	107	479101	49.462	ng	99
37) 2-Methylnaphthalene	12.257	142	1045285	46.834	ng	99
38) 1-Methylnaphthalene	12.475	142	999915	47.867	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	599312	51.896	ng	# 98
41) Hexachlorocyclopentadiene	12.592	237	604786	98.989	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	397587	53.715	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	424736	49.578	ng	97
46) 1,1'-Biphenyl	13.275	154	1383738	47.993	ng	98
47) 2-Chloronaphthalene	13.322	162	1077340	50.043	ng	99
48) 2-Nitroaniline	13.551	65	309674	45.064	ng	95
49) Acenaphthylene	14.169	152	1706995	49.125	ng	99
50) Dimethylphthalate	13.922	163	1331134	49.757	ng	100
51) 2,6-Dinitrotoluene	14.051	165	285933	51.583	ng	97
52) Acenaphthene	14.510	154	976414	46.644	ng	99
53) 3-Nitroaniline	14.386	138	147842	24.388	ng	93
54) 2,4-Dinitrophenol	14.598	184	214134	58.867	ng	93
55) Dibenzofuran	14.851	168	1598418	46.801	ng	100
56) 4-Nitrophenol	14.710	139	299765	64.887	ng	95
57) 2,4-Dinitrotoluene	14.845	165	375814	47.505	ng	95
58) Fluorene	15.504	166	1257838	46.684	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	361746	52.145	ng	96
60) Diethylphthalate	15.286	149	1277291	49.371	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	677395	50.172	ng	97
62) 4-Nitroaniline	15.557	138	190130	33.528	ng	94
63) Azobenzene	15.792	77	1290862	45.551	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	178009	42.812	ng	89
66) n-Nitrosodiphenylamine	15.721	169	1047884	49.090	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	406066	53.960	ng	99
68) Hexachlorobenzene	16.504	284	468412	55.977	ng	97
69) Atrazine	16.686	200	373658	66.655	ng	99
70) Pentachlorophenol	16.863	266	493836	85.226	ng	100
71) Phenanthrene	17.251	178	1799668	47.193	ng	100
72) Anthracene	17.345	178	1829999	48.521	ng	100
73) Carbazole	17.627	167	1544128	45.234	ng	100
74) Di-n-butylphthalate	18.180	149	2014289	52.218	ng	100
75) Fluoranthene	19.280	202	1929600	45.039	ng	98
77) Benzidine	19.480	184	260044	37.263	ng	99
78) Pyrene	19.639	202	1980827	55.323	ng	100
80) Butylbenzylphthalate	20.545	149	766517	58.623	ng	99
81) Benzo(a)anthracene	21.398	228	1751052	50.449	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	374380	33.055	ng	100
83) Chrysene	21.451	228	1610363	47.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1084471	52.004	ng	# 97
85) Di-n-octyl phthalate	22.233	149	1782234	53.932	ng	96
87) Indeno(1,2,3-cd)pyrene	26.233	276	2172794	52.083	ng	96
88) Benzo(b)fluoranthene	23.062	252	1747437	51.839	ng	98
89) Benzo(k)fluoranthene	23.109	252	1639137	47.538	ng	99
90) Benzo(a)pyrene	23.674	252	1517425	46.850	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1817798	52.241	ng	# 97
92) Benzo(g,h,i)perylene	26.985	276	1688002	49.577	ng	96

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

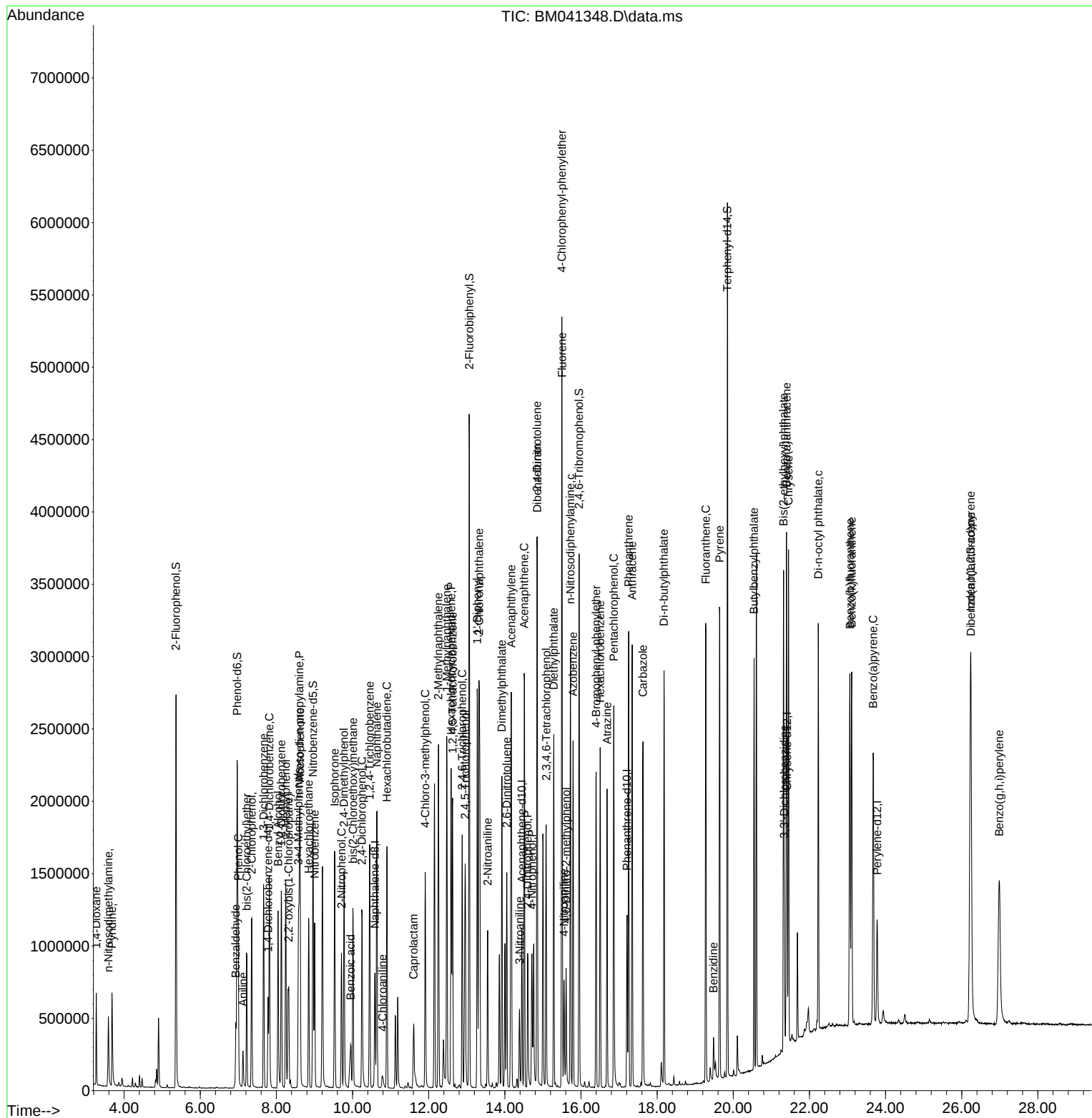
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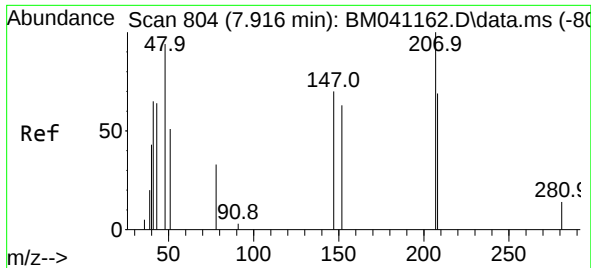
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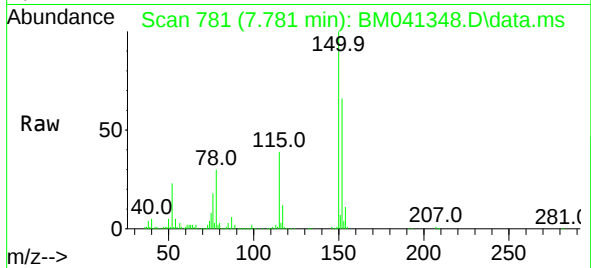
Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

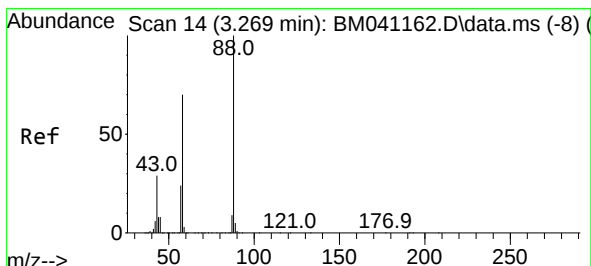
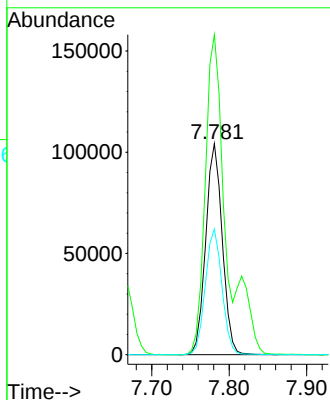
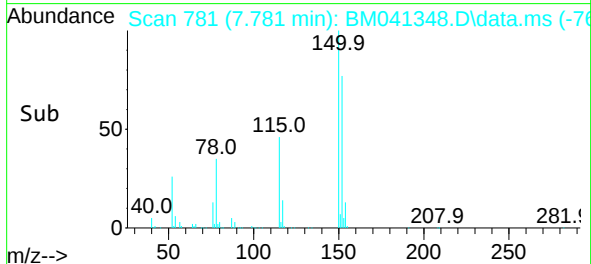
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:152 Resp: 154869
Ion Ratio Lower Upper
152 100
150 151.7 125.5 188.3
115 59.5 48.0 72.0

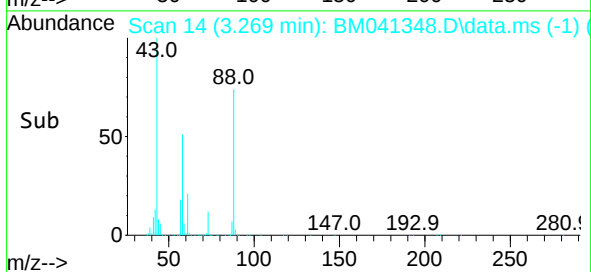
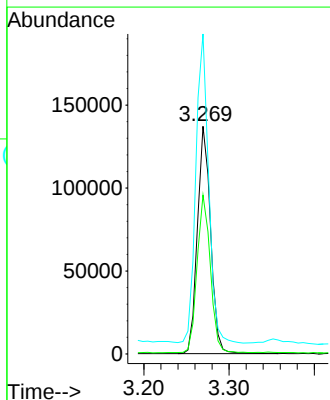
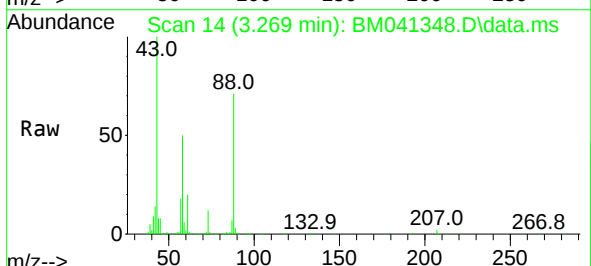
Manual Integrations
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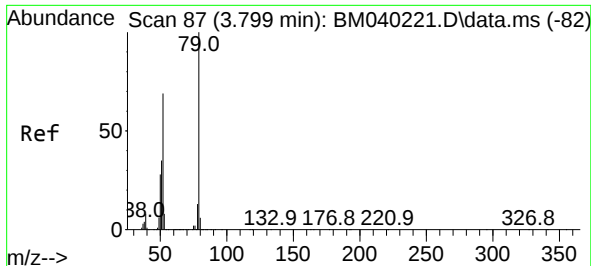
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#2
1,4-Dioxane
Concen: 33.213 ng
RT: 3.269 min Scan# 14
Delta R.T. 0.012 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

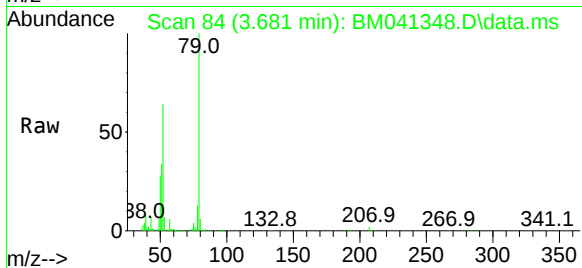
Tgt Ion: 88 Resp: 147224
Ion Ratio Lower Upper
88 100
58 69.5 58.2 87.4
43 132.6 24.4 36.6





#3
 Pyridine
 Concen: 31.142 ng
 RT: 3.681 min Scan# 84
 Delta R.T. 0.018 min
 Lab File: BM041348.D
 Acq: 09 Aug 2023 20:24

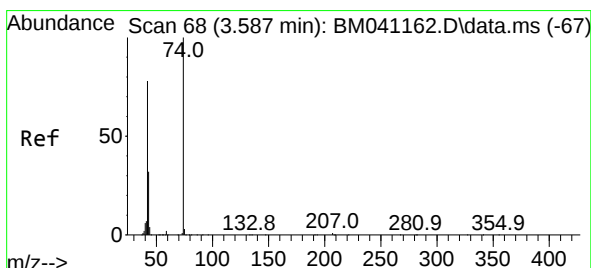
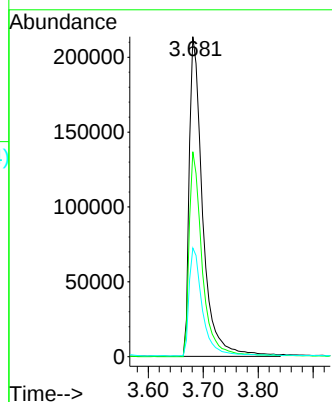
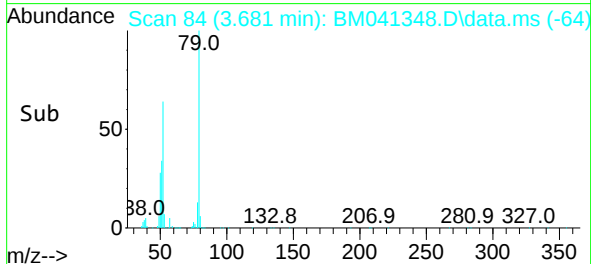
Instrument :
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 ClientSampleId :
 TP-38MSD



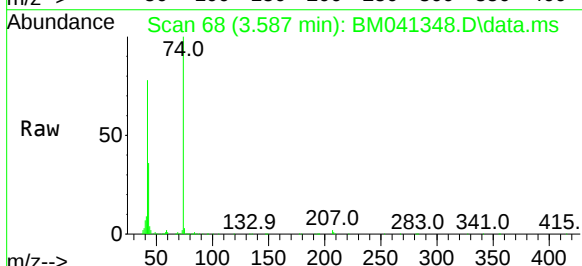
Tgt Ion: 79 Resp: 36296
 Ion Ratio Lower Upper
 79 100
 52 64.1 52.1 78.1
 51 34.0 27.5 41.3

Manual Integrations
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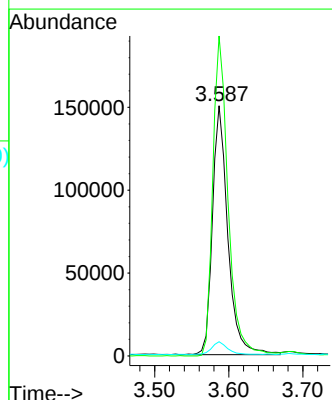
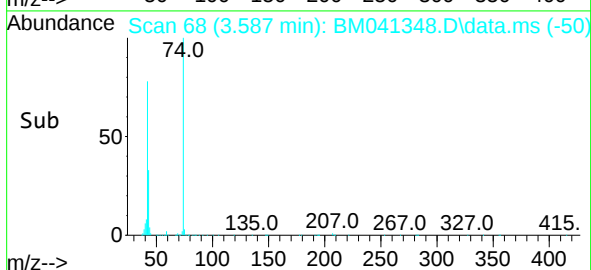
Reviewed By :Yogesh Patel 08/10/2023
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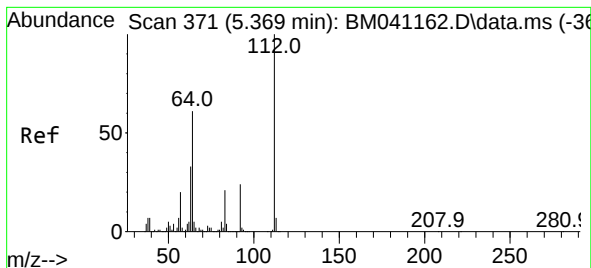


#4
 n-Nitrosodimethylamine
 Concen: 40.220 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: BM041348.D
 Acq: 09 Aug 2023 20:24



Tgt Ion: 42 Resp: 216804
 Ion Ratio Lower Upper
 42 100
 74 127.9 100.8 151.2
 44 5.7 5.0 7.4





#5

2-Fluorophenol

Concen: 108.817 ng

RT: 5.363 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

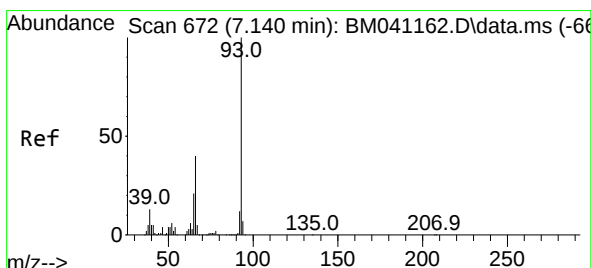
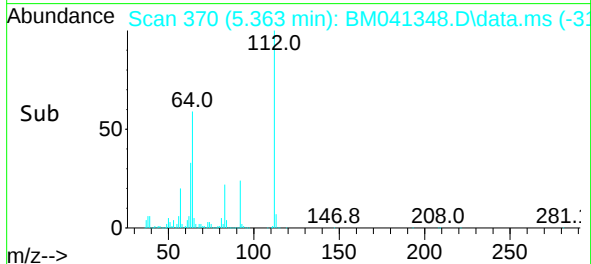
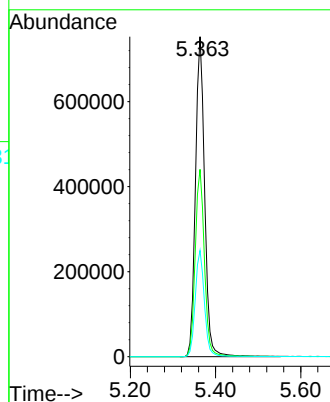
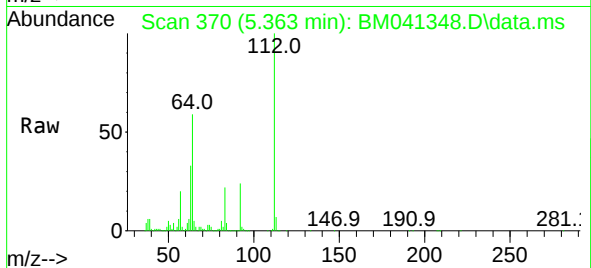
TP-38MSD

Tgt Ion:112 Resp: 112755

Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.5	72.7
63	33.2	26.5	39.7

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#6

Aniline

Concen: 10.487 ng

RT: 7.122 min Scan# 669

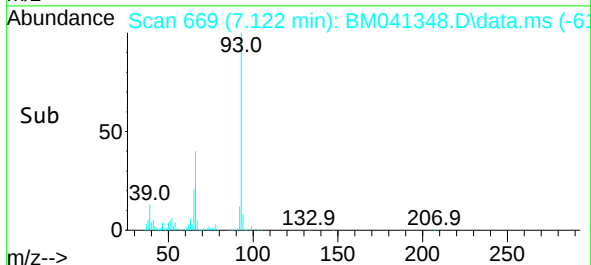
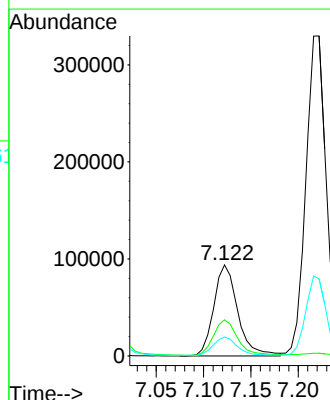
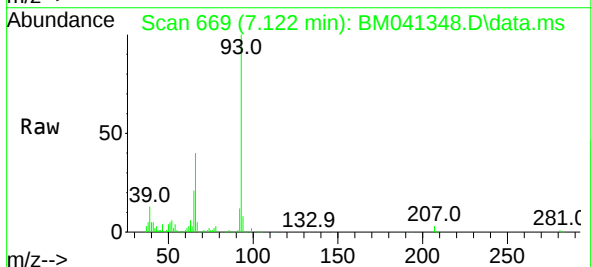
Delta R.T. 0.006 min

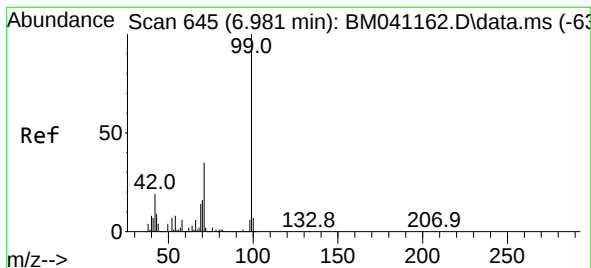
Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Tgt Ion: 93 Resp: 164842

Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.0	48.0
65	20.9	16.6	24.8





#7

Phenol-d6

Concen: 98.234 ng

RT: 6.969 min Scan# 645

Delta R.T. 0.000 min

Lab File: BM041348.D

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ClientSampleId :

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Tgt Ion: 99 Resp: 131944

Ion Ratio Lower Upper

99 100

42 19.5 15.4 23.0

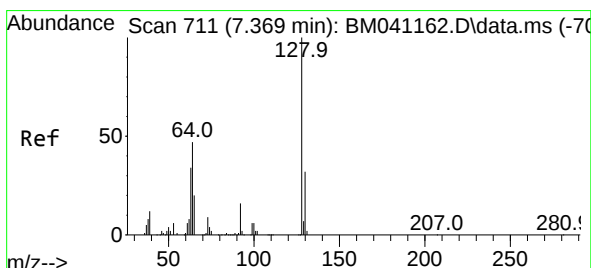
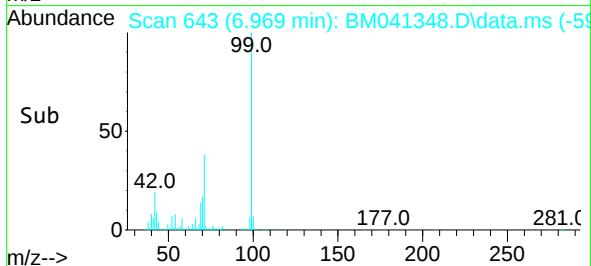
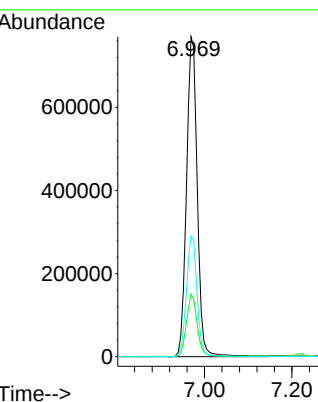
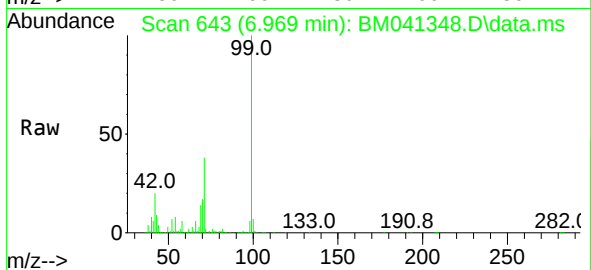
71 37.8 28.2 42.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#8

2-Chlorophenol

Concen: 48.074 ng

RT: 7.351 min Scan# 708

Delta R.T. 0.006 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

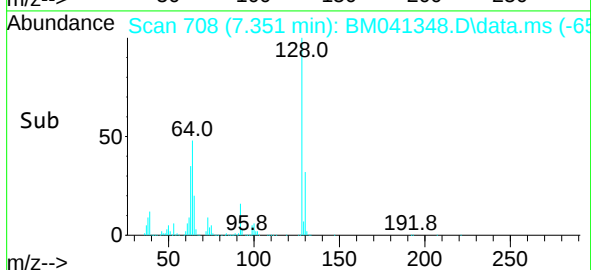
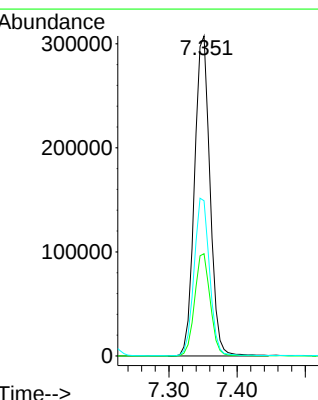
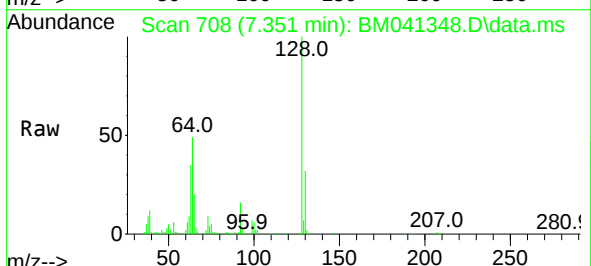
Tgt Ion:128 Resp: 486308

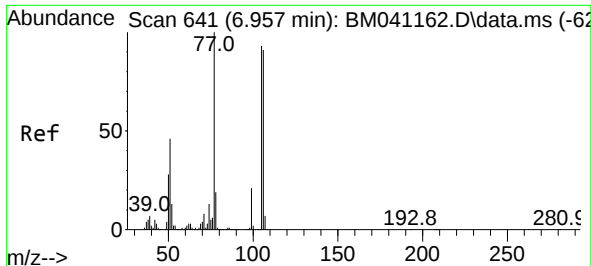
Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

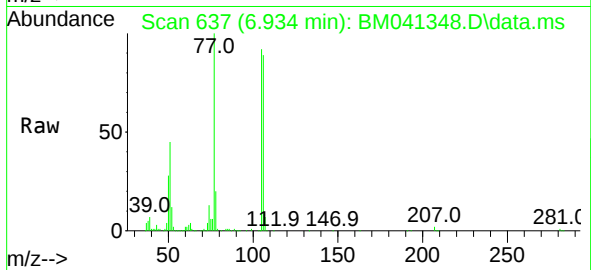
64 48.5 29.3 69.3





#9
Benzaldehyde
Concen: 23.586 ng m
RT: 6.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM041348.D
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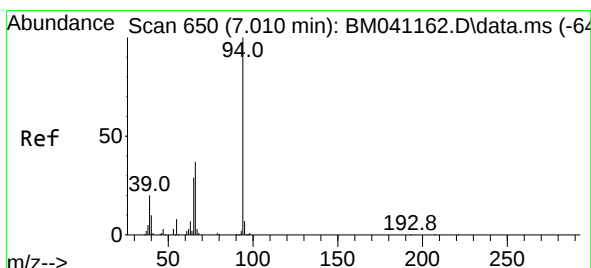
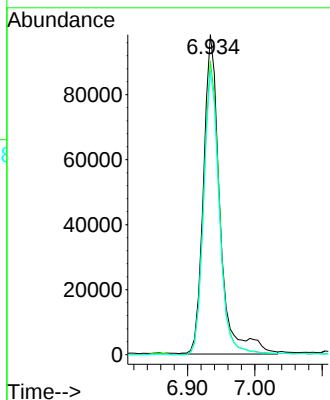
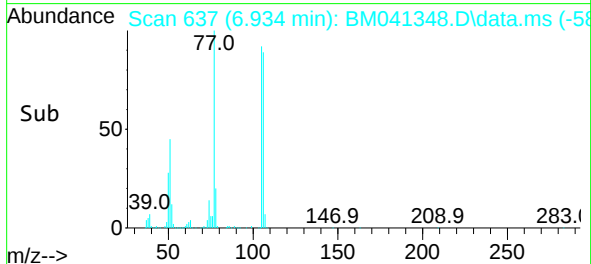
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 167162
Ion Ratio Lower Upper
77 100
105 91.8 72.8 112.8
106 88.8 70.8 110.8

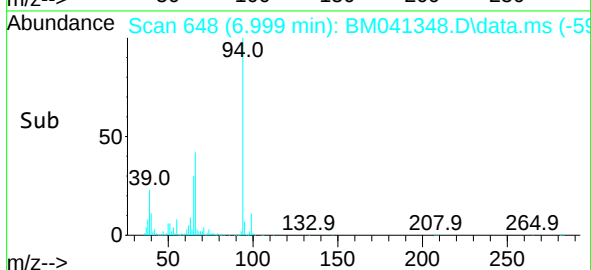
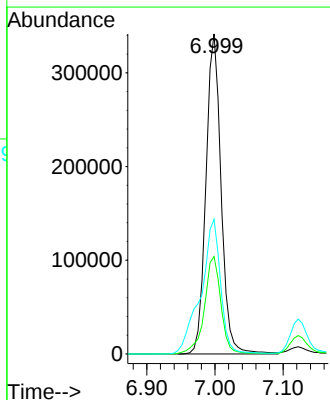
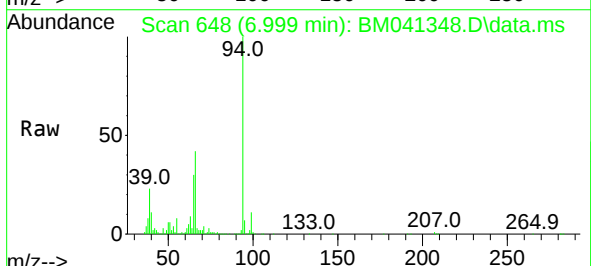
Manual Integrations
APPROVED

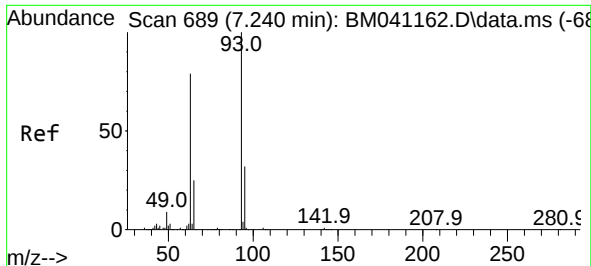
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#10
Phenol
Concen: 40.735 ng
RT: 6.999 min Scan# 648
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

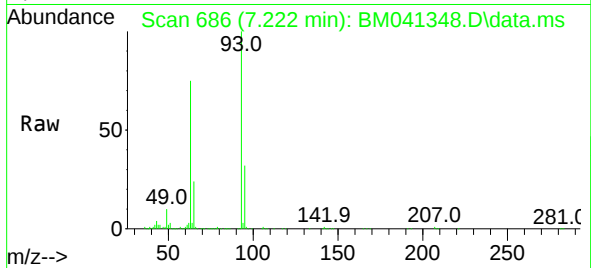
Tgt Ion: 94 Resp: 528438
Ion Ratio Lower Upper
94 100
65 30.5 9.5 49.5
66 42.1 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 47.262 ng
RT: 7.222 min Scan# 686
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

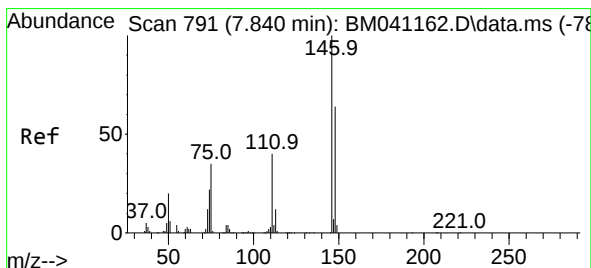
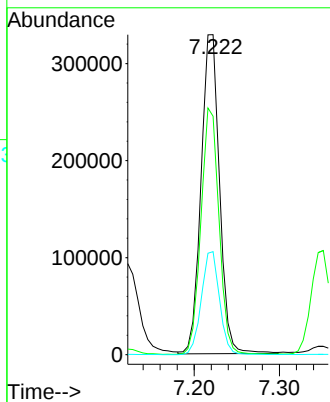
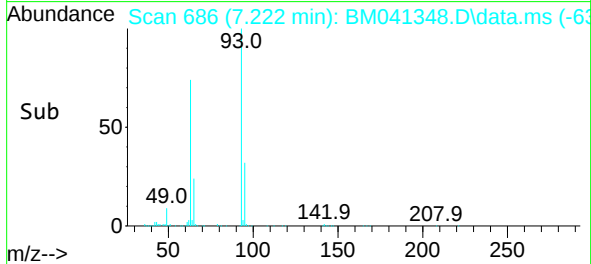
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



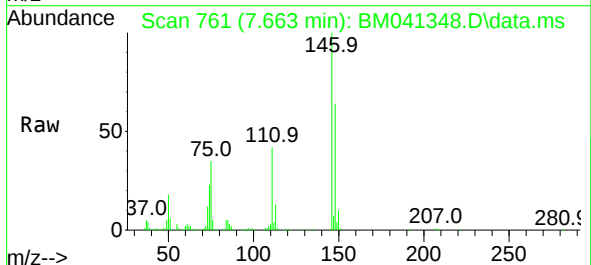
Tgt Ion: 93 Resp: 496293
Ion Ratio Lower Upper
93 100
63 74.5 58.8 98.8
95 32.2 11.8 51.8

Manual Integrations
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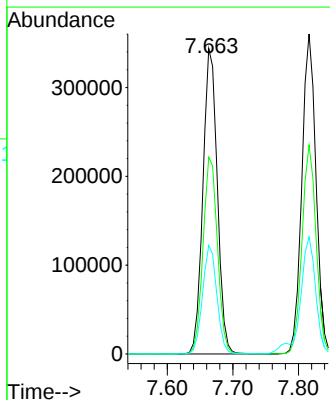
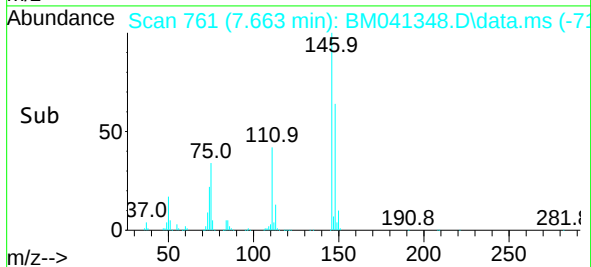
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

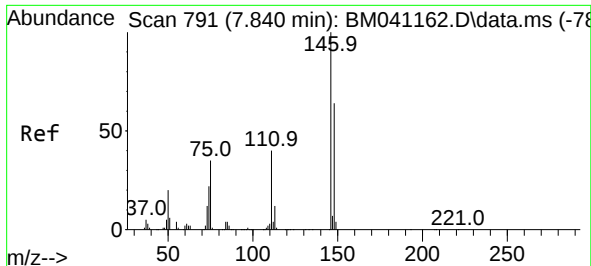


#12
1,3-Dichlorobenzene
Concen: 47.753 ng
RT: 7.663 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



Tgt Ion:146 Resp: 525826
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 35.5 28.3 42.5





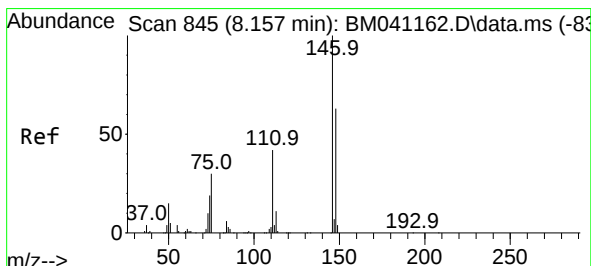
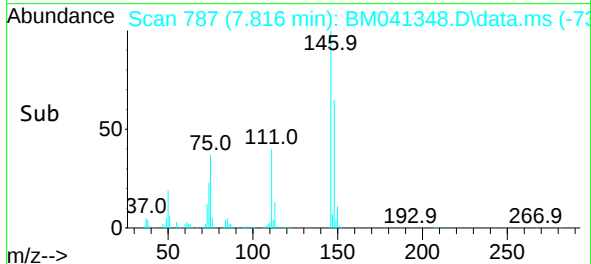
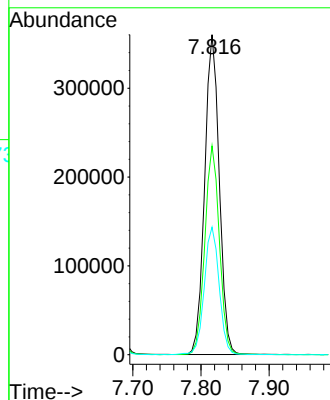
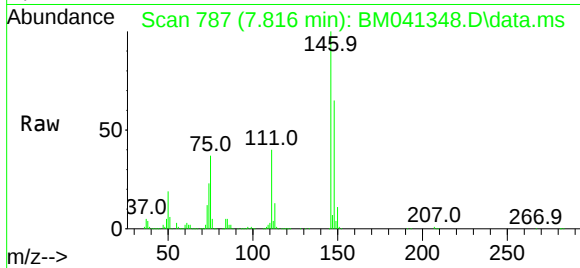
#13
1,4-Dichlorobenzene
Concen: 48.549 ng
RT: 7.816 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Instrument :
BNA_M
ClientSampleId :
TP-38MSD

Tgt Ion:146 Resp: 537320
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 39.8 32.4 48.6

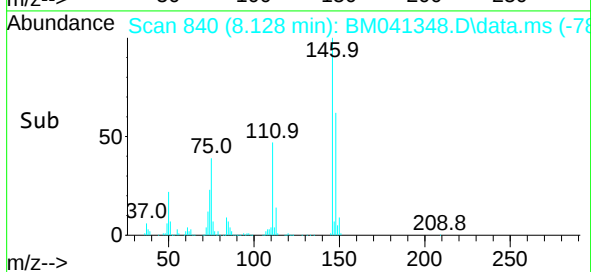
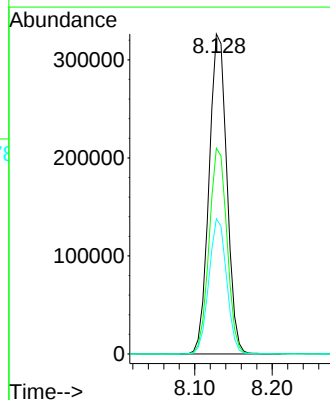
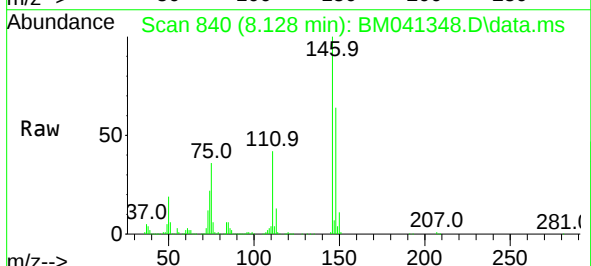
Manual Integrations
APPROVED

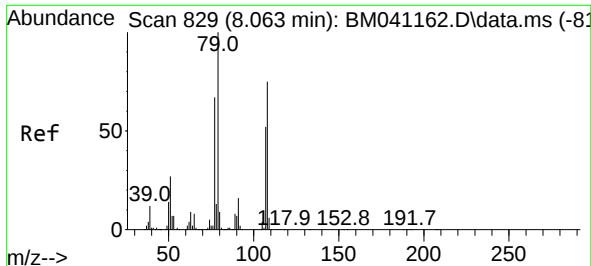
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#14
1,2-Dichlorobenzene
Concen: 49.152 ng
RT: 8.128 min Scan# 840
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

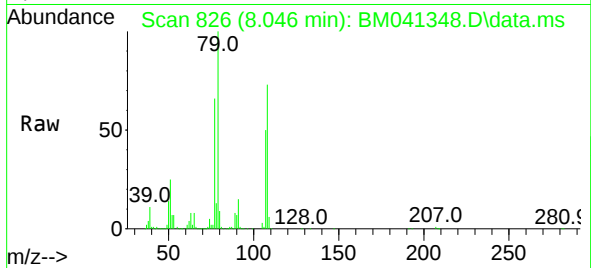
Tgt Ion:146 Resp: 521601
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 42.3 33.8 50.6





#15
Benzyl Alcohol
Concen: 53.671 ng m
RT: 8.046 min Scan# 801
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

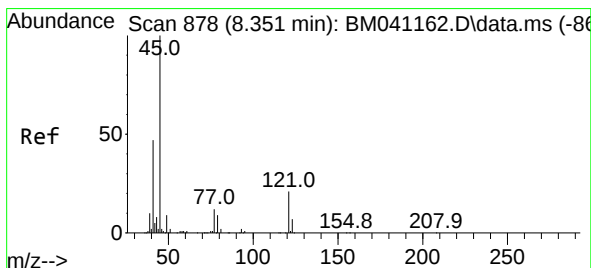
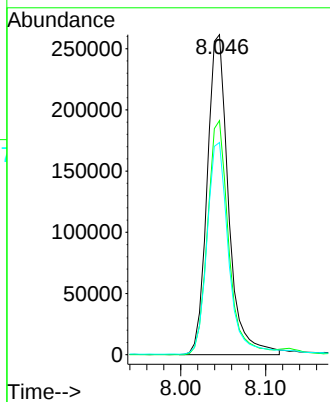
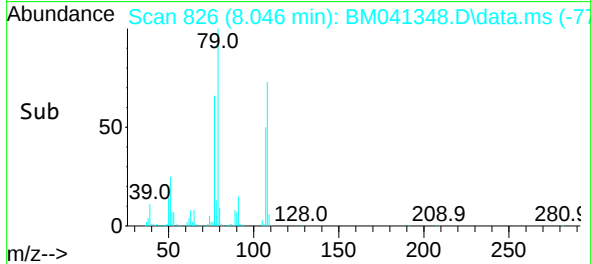
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion: 79 Resp: 455254
Ion Ratio Lower Upper
79 100
108 73.1 59.8 89.8
77 66.3 53.8 80.6

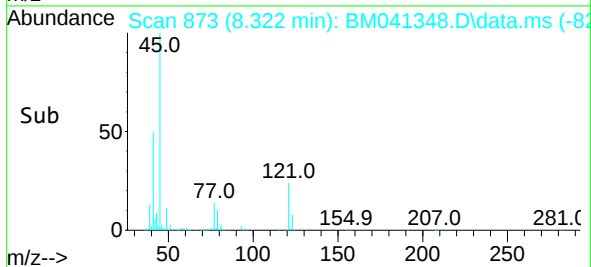
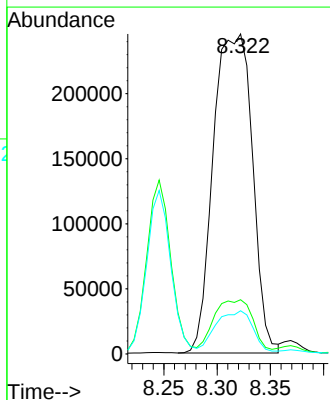
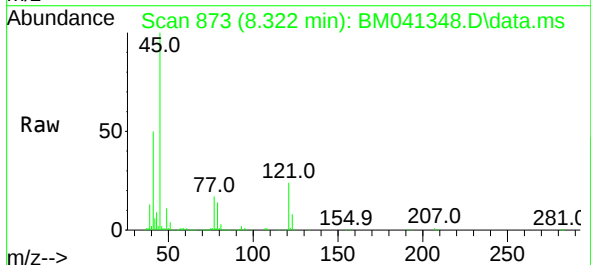
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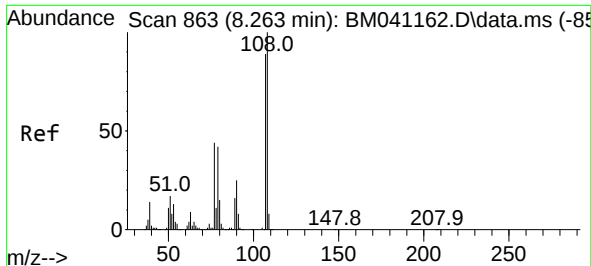
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.646 ng
RT: 8.322 min Scan# 873
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

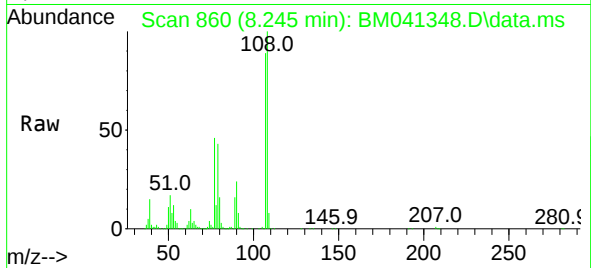
Tgt Ion: 45 Resp: 624656
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.5
79 13.5 0.0 32.1





#17
2-Methylphenol
Concen: 45.895 ng
RT: 8.245 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

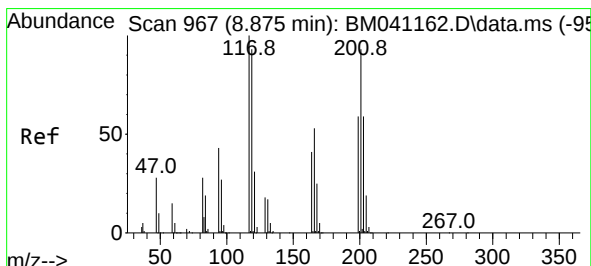
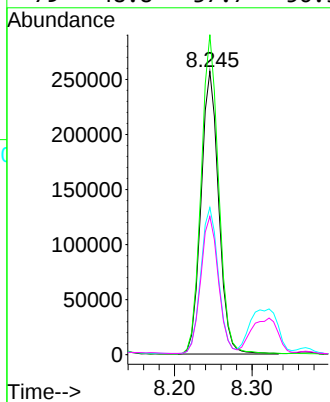
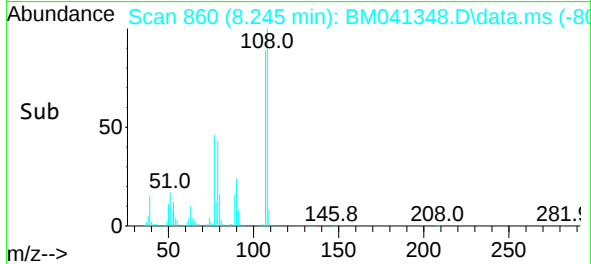
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:107 Resp: 406760
Ion Ratio Lower Upper
107 100
108 112.9 89.9 134.9
77 52.0 39.8 59.8
79 48.8 37.7 56.5

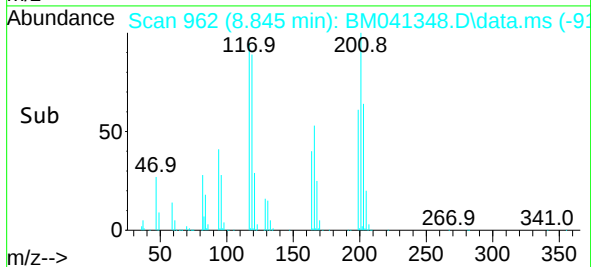
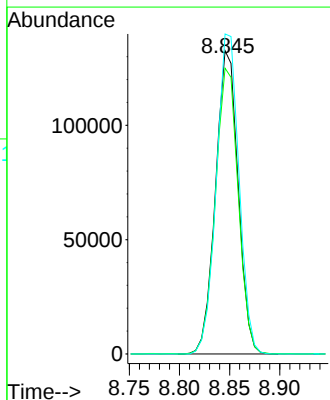
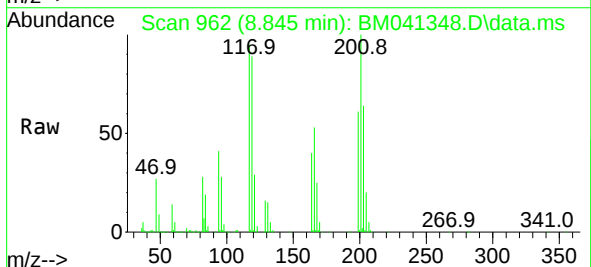
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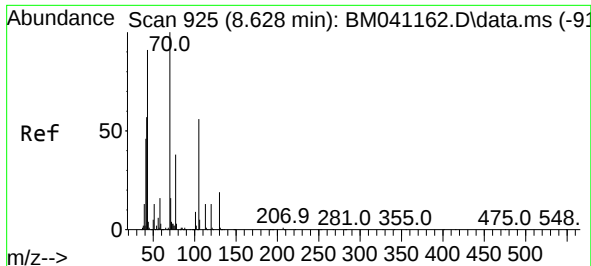
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#18
Hexachloroethane
Concen: 50.256 ng
RT: 8.845 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Tgt Ion:117 Resp: 207073
Ion Ratio Lower Upper
117 100
119 94.3 74.2 111.4
201 105.6 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 51.643 ng

RT: 8.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD

Tgt Ion: 70 Resp: 421320

Ion Ratio Lower Upper

70 100

42 56.0 45.8 68.8

101 9.1 7.4 11.0

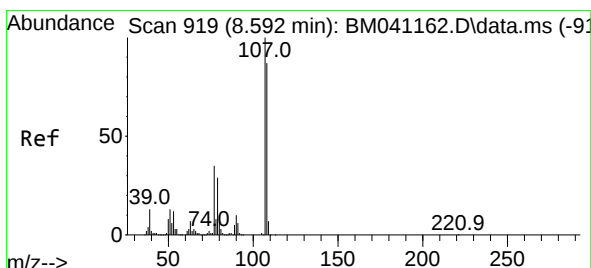
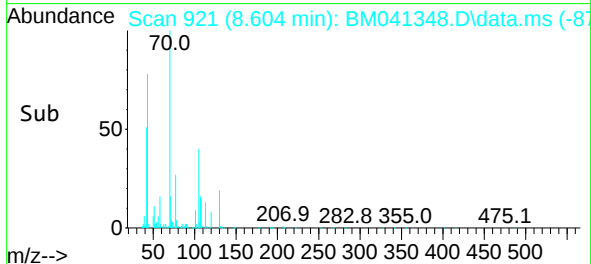
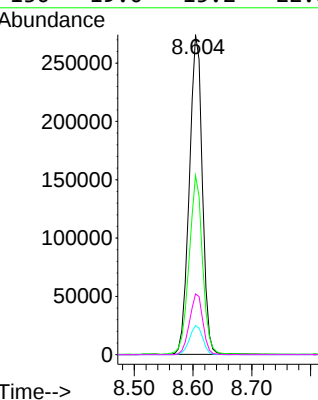
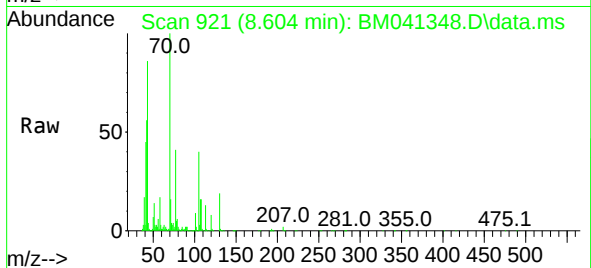
130 19.0 15.2 22.8

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Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#20

3+4-Methylphenols

Concen: 45.065 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.006 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Tgt Ion:107 Resp: 534030

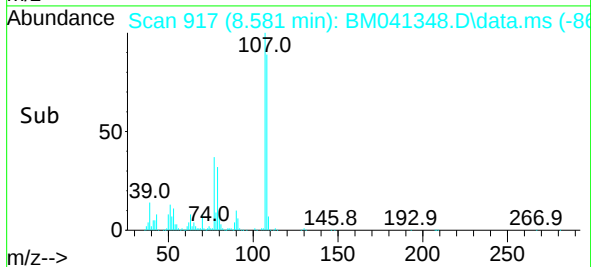
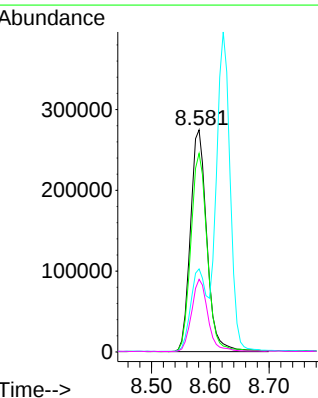
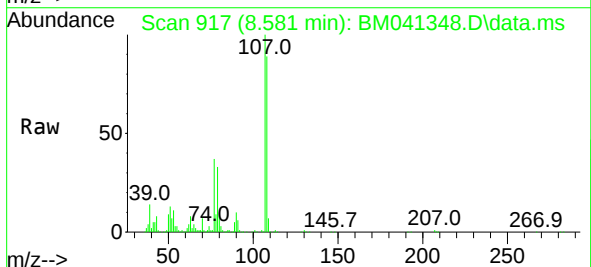
Ion Ratio Lower Upper

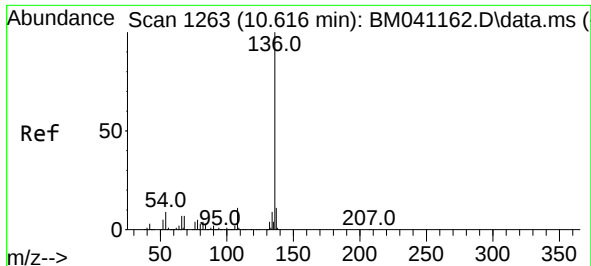
107 100

108 89.4 67.2 107.2

77 37.4 15.4 55.4

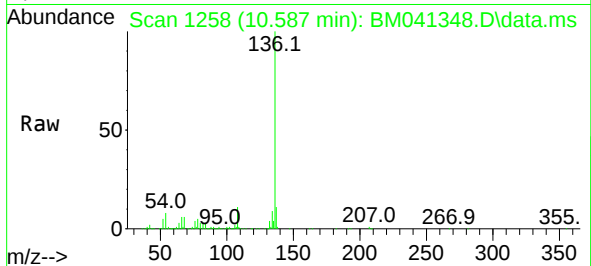
79 32.7 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

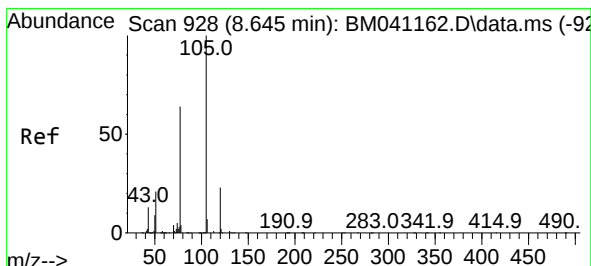
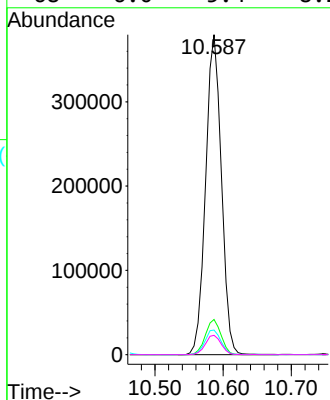
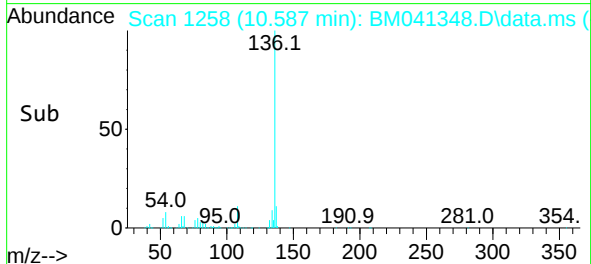
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



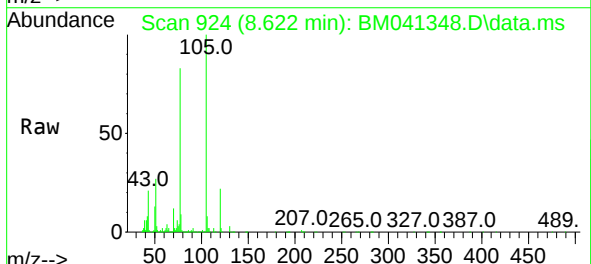
Tgt Ion:136 Resp: 610059
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.9 10.3
68 6.0 5.4 8.2

Manual Integrations
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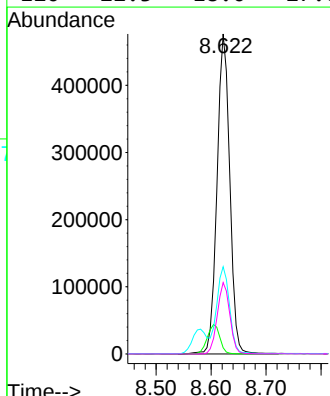
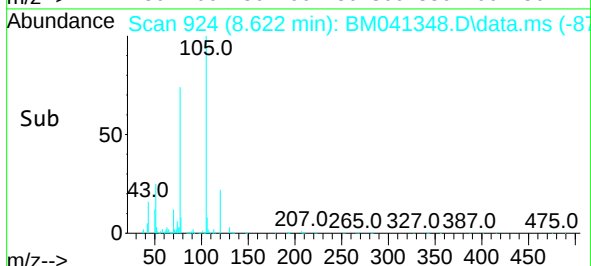
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

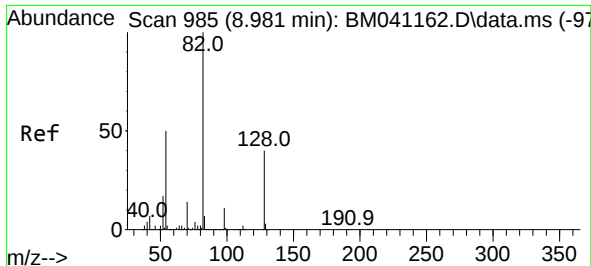


#22
Acetophenone
Concen: 47.481 ng
RT: 8.622 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



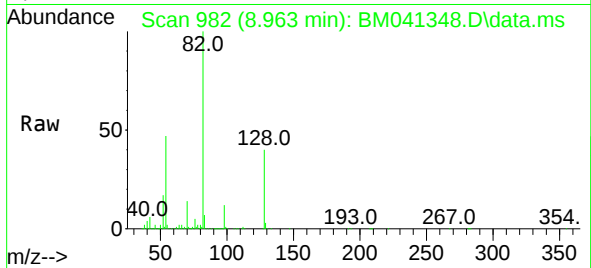
Tgt Ion:105 Resp: 767153
Ion Ratio Lower Upper
105 100
71 1.9 1.2 1.8#
51 27.2 22.0 33.0
120 22.3 18.0 27.0





#23
Nitrobenzene-d5
Concen: 79.686 ng
RT: 8.963 min Scan# 982
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

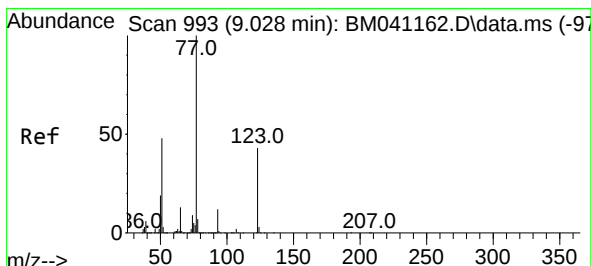
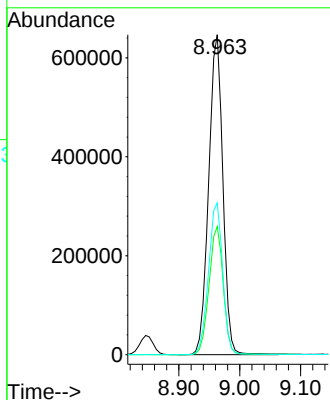
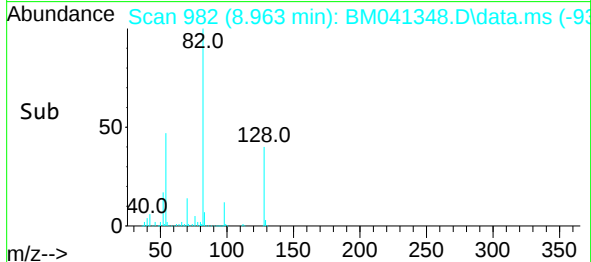
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion: 82 Resp: 1045344
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 47.4 40.1 60.1

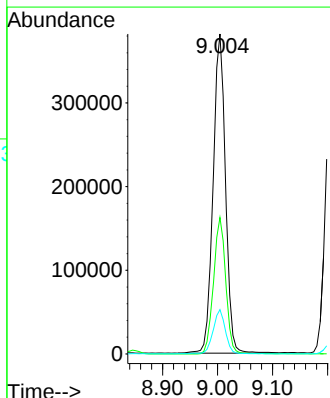
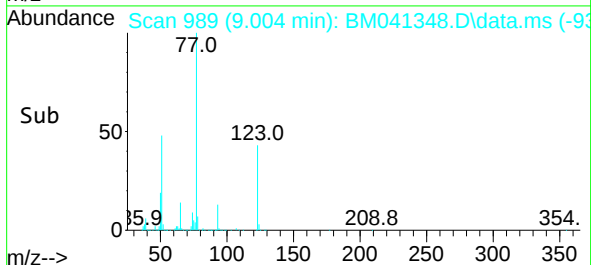
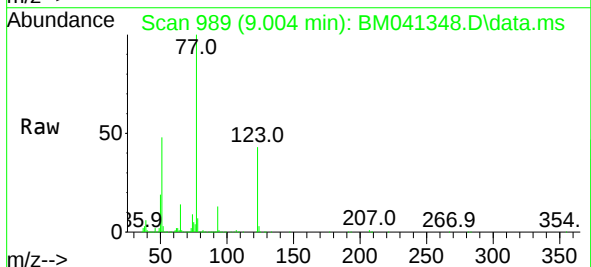
Manual Integrations
APPROVED

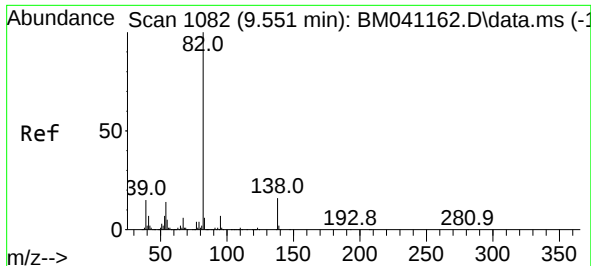
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#24
Nitrobenzene
Concen: 45.186 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

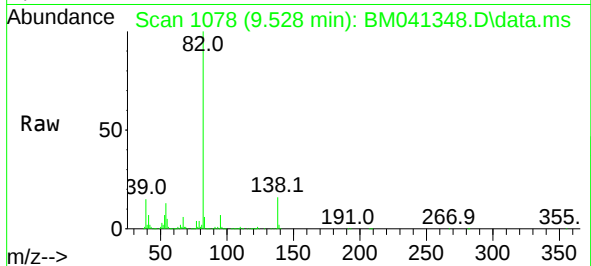
Tgt Ion: 77 Resp: 599446
Ion Ratio Lower Upper
77 100
123 42.7 34.2 51.2
65 13.9 10.7 16.1





#25
Isophorone
Concen: 51.362 ng
RT: 9.528 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

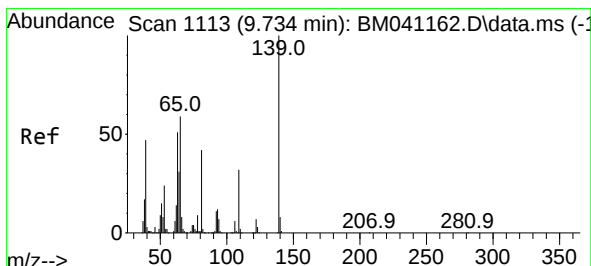
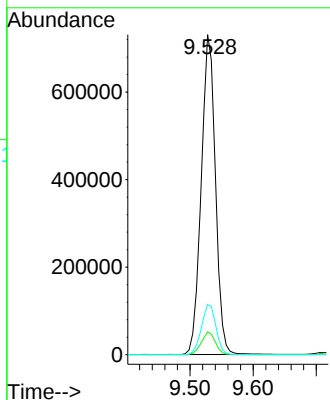
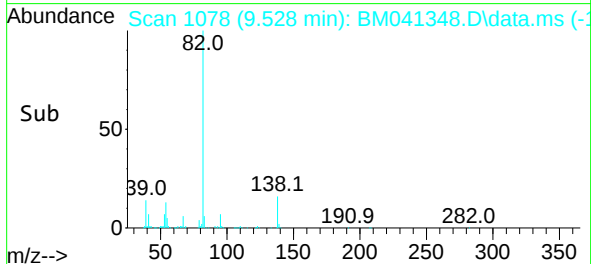
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



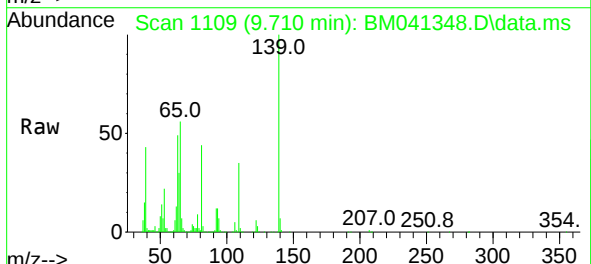
Tgt Ion: 82 Resp: 1143744
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 15.7 12.8 19.2

Manual Integrations
APPROVED

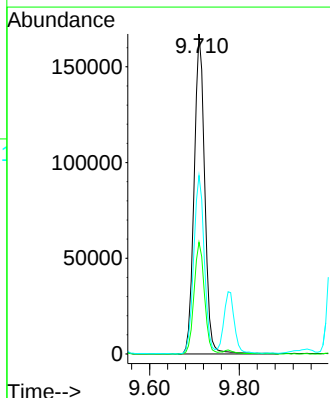
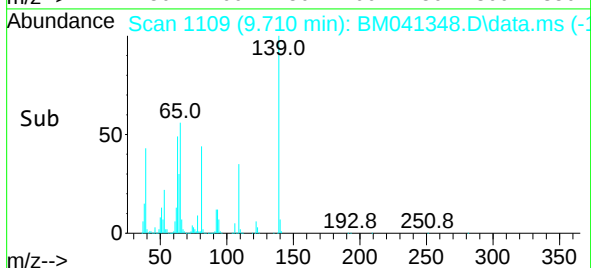
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

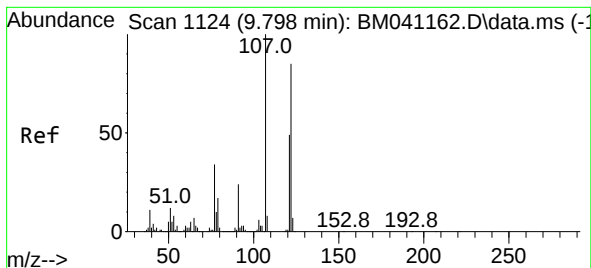


#26
2-Nitrophenol
Concen: 52.879 ng
RT: 9.710 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



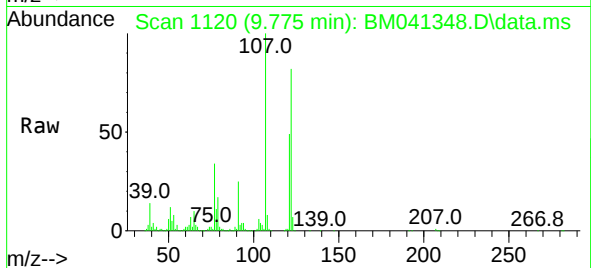
Tgt Ion:139 Resp: 274236
Ion Ratio Lower Upper
139 100
109 34.9 25.4 38.2
65 55.8 47.2 70.8





#27
2,4-Dimethylphenol
Concen: 45.813 ng
RT: 9.775 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

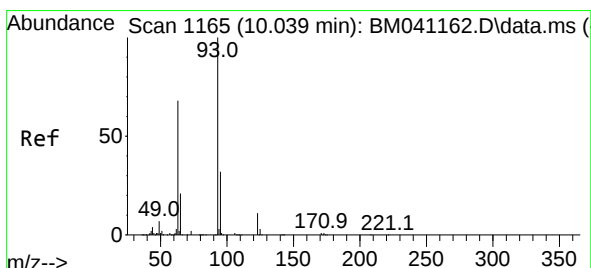
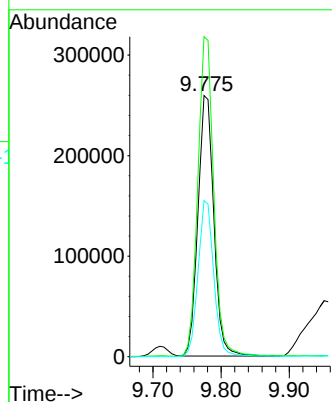
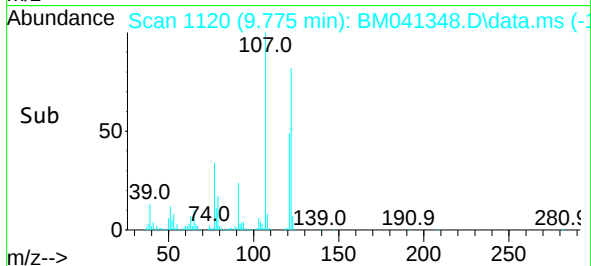
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:122 Resp: 41807
Ion Ratio Lower Upper
122 100
107 122.5 94.3 141.5
121 59.7 45.8 68.8

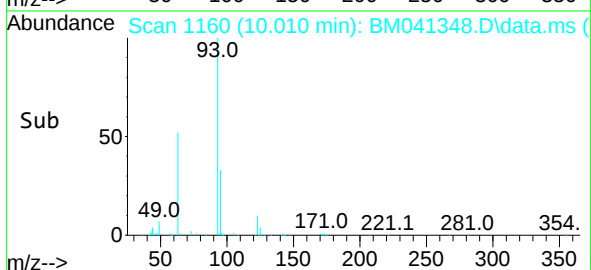
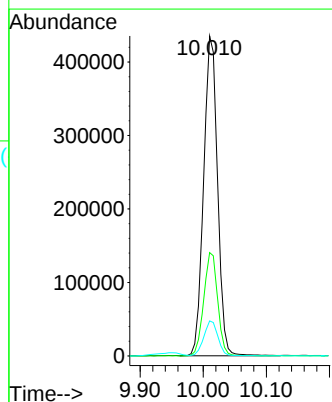
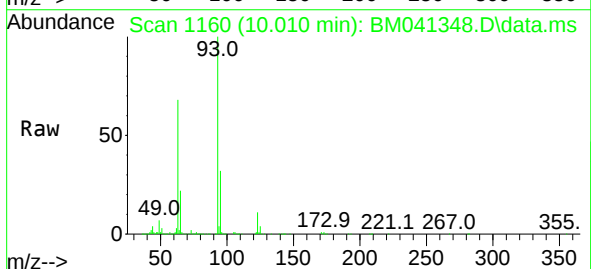
Manual Integrations
APPROVED

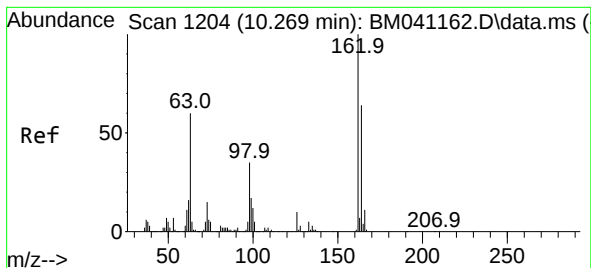
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.605 ng
RT: 10.010 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

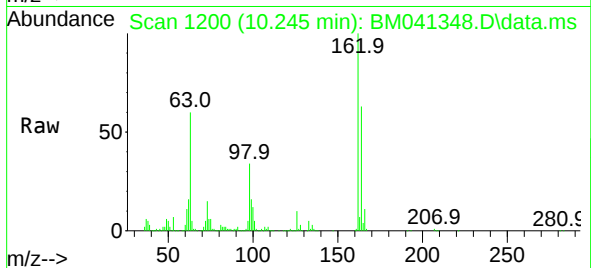
Tgt Ion: 93 Resp: 664043
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.0 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 52.054 ng
RT: 10.245 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

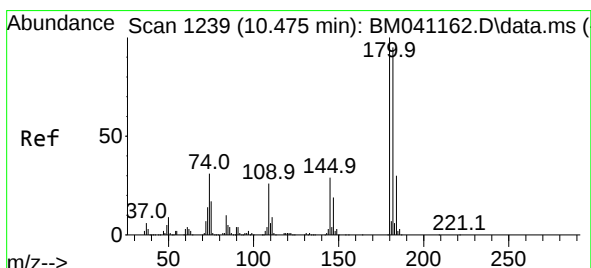
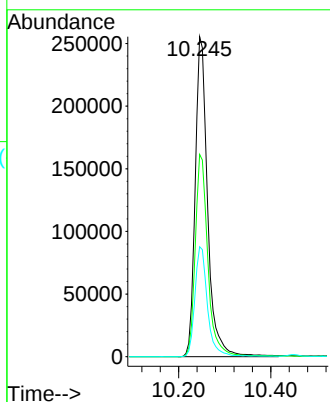
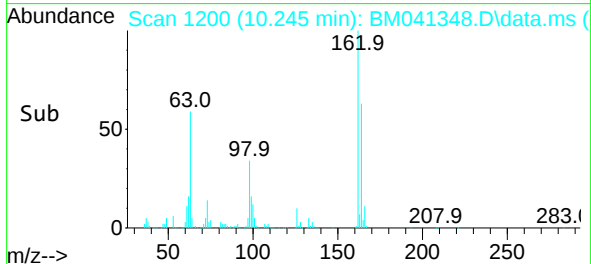
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:162 Resp: 47905
Ion Ratio Lower Upper
162 100
164 63.2 44.3 84.3
98 34.4 15.1 55.1

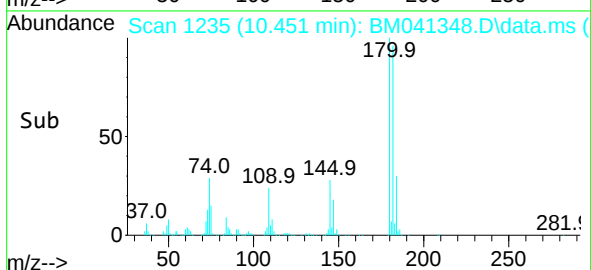
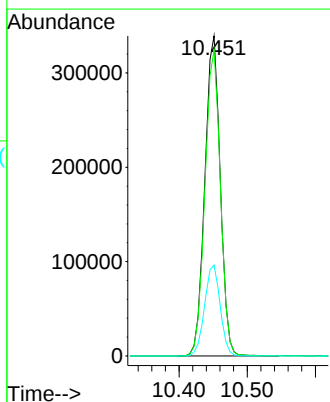
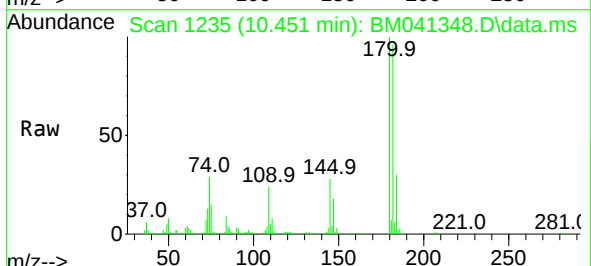
Manual Integrations
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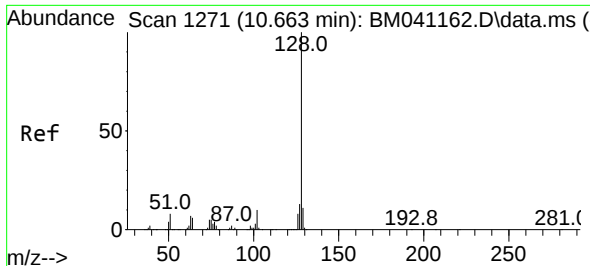
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#30
1,2,4-Trichlorobenzene
Concen: 52.465 ng
RT: 10.451 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

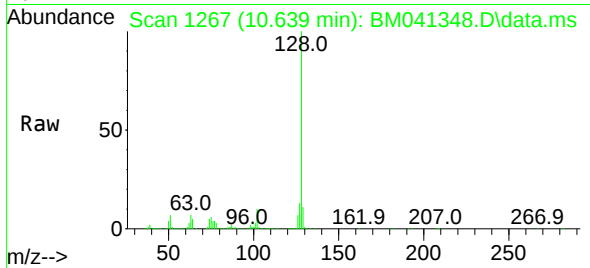
Tgt Ion:180 Resp: 533448
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
145 28.4 23.6 35.4





#31
Naphthalene
Concen: 45.437 ng
RT: 10.639 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

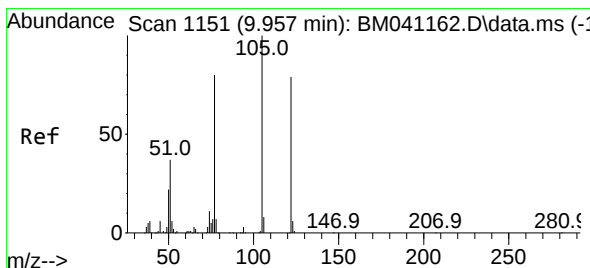
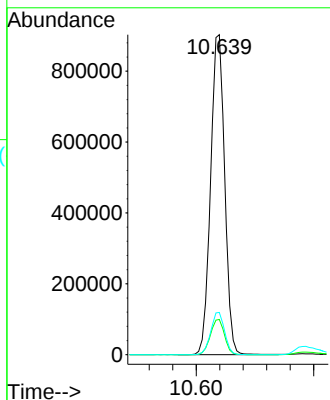
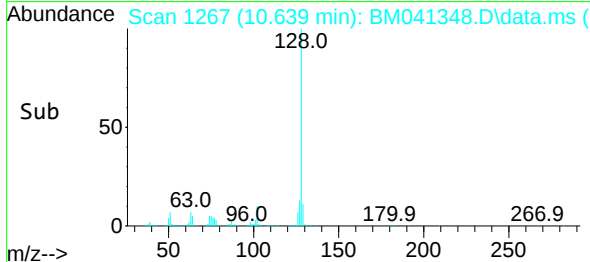
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:128 Resp: 150420
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.5 15.7

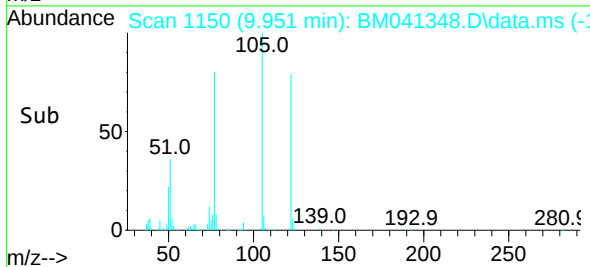
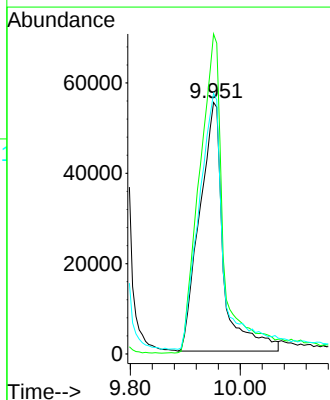
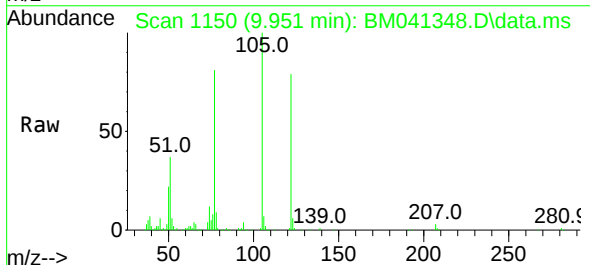
Manual Integrations
APPROVED

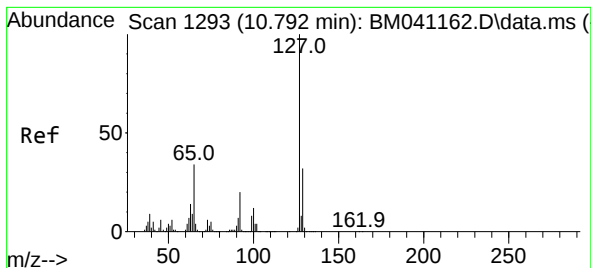
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#32
Benzoic acid
Concen: 27.818 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

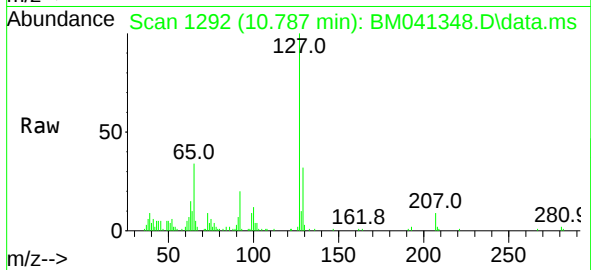
Tgt Ion:122 Resp: 166429
Ion Ratio Lower Upper
122 100
105 127.3 104.0 144.0
77 103.7 79.9 119.9





#33
4-Chloroaniline
Concen: 5.611 ng
RT: 10.787 min Scan# 1293
Delta R.T. 0.018 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

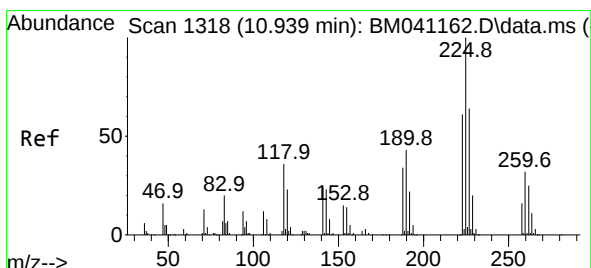
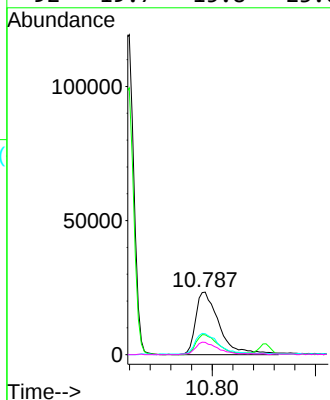
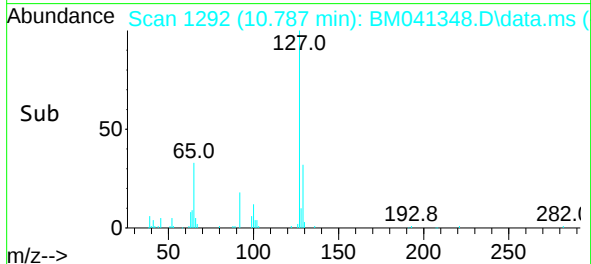
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



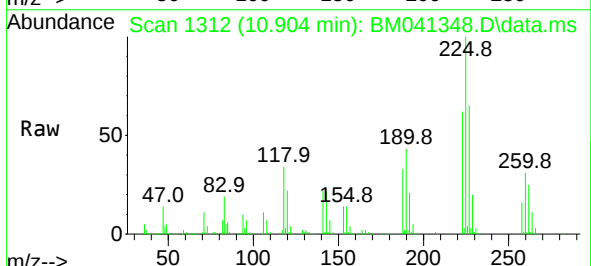
Tgt Ion:	127	Resp:	7423
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.9	38.9
65	33.6	26.9	40.3
92	19.7	15.8	23.6

Manual Integrations
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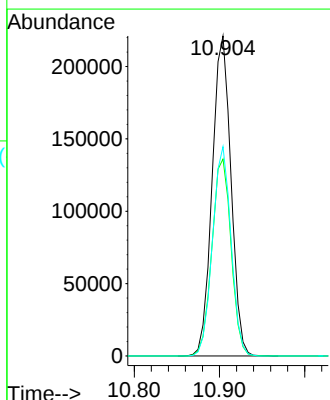
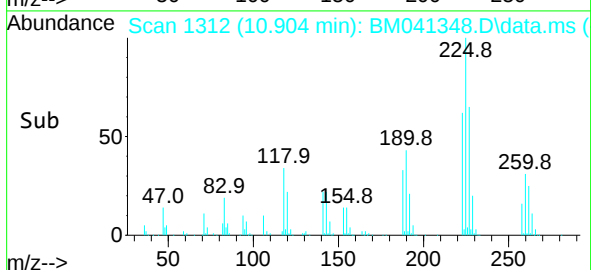
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

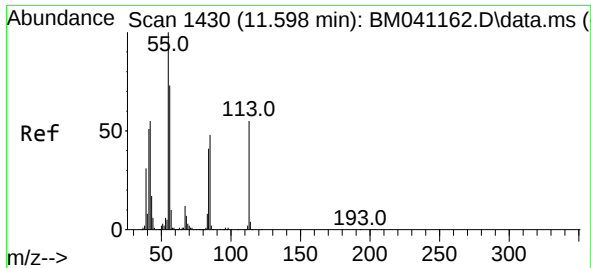


#34
Hexachlorobutadiene
Concen: 55.469 ng
RT: 10.904 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



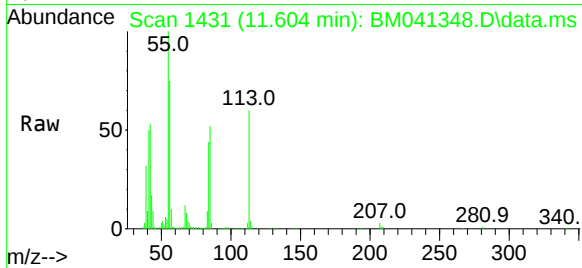
Tgt Ion:	225	Resp:	339202
Ion Ratio	Lower	Upper	
225	100		
223	61.6	49.0	73.4
227	65.4	50.8	76.2





#35
Caprolactam
Concen: 42.596 ng
RT: 11.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

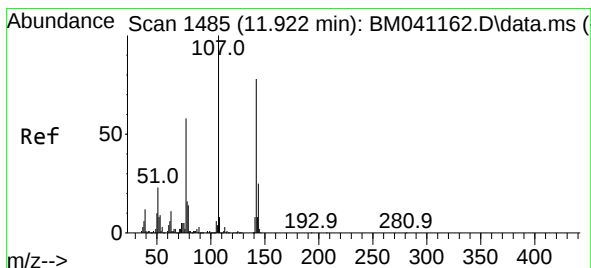
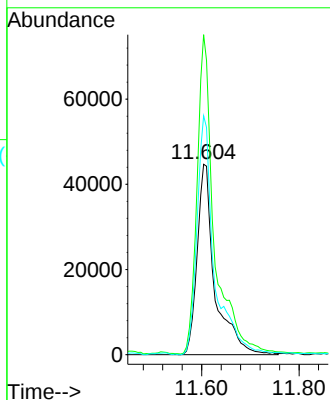
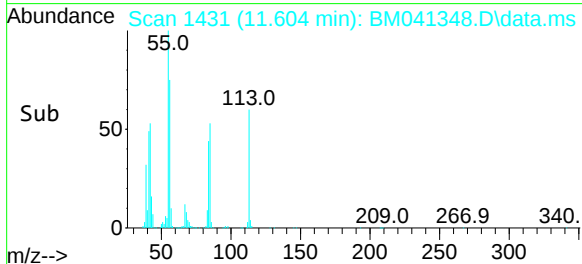
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



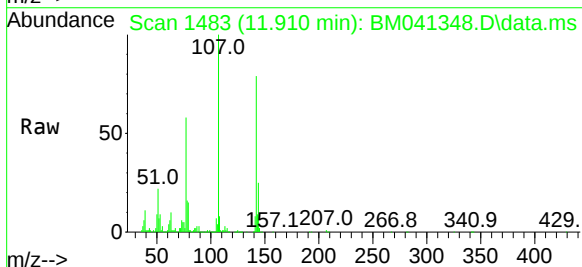
Tgt Ion:113 Resp: 11340
Ion Ratio Lower Upper
113 100
55 168.0 162.5 202.5
56 125.4 114.1 154.1

Manual Integrations
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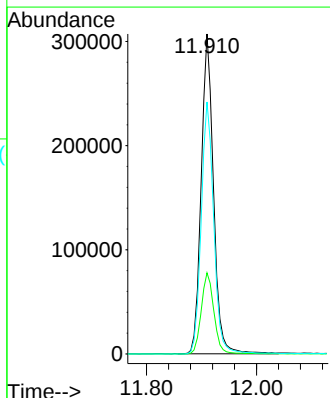
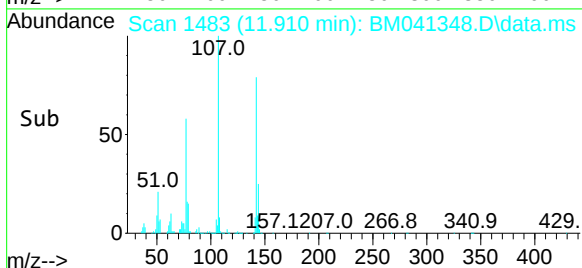
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

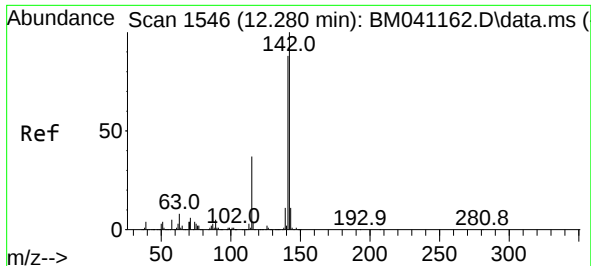


#36
4-Chloro-3-methylphenol
Concen: 49.462 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



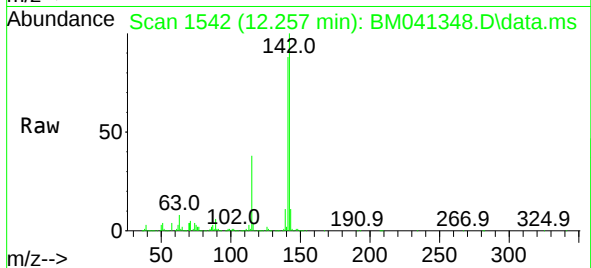
Tgt Ion:107 Resp: 479101
Ion Ratio Lower Upper
107 100
144 25.4 20.1 30.1
142 78.8 62.2 93.4





#37
2-Methylnaphthalene
Concen: 46.834 ng
RT: 12.257 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

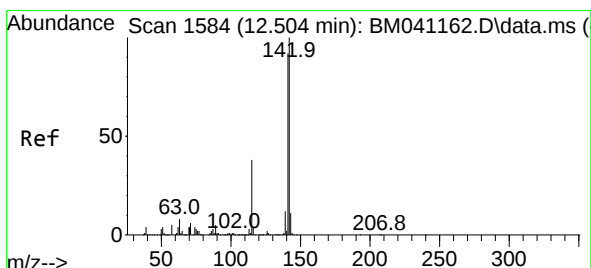
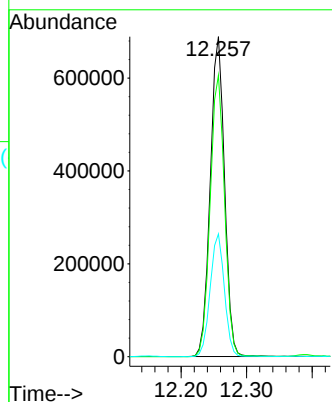
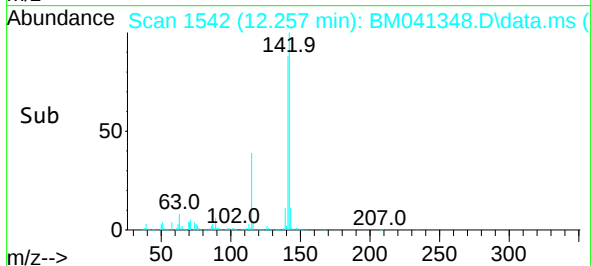
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



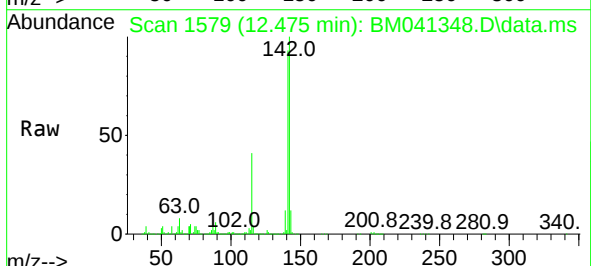
Tgt Ion:142 Resp: 104528
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1
115 38.4 29.3 43.9

Manual Integrations
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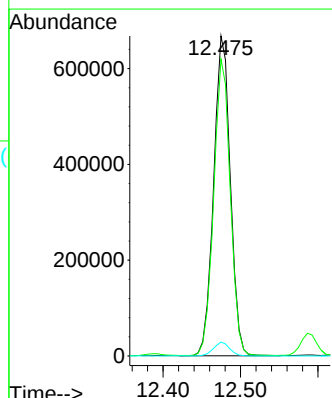
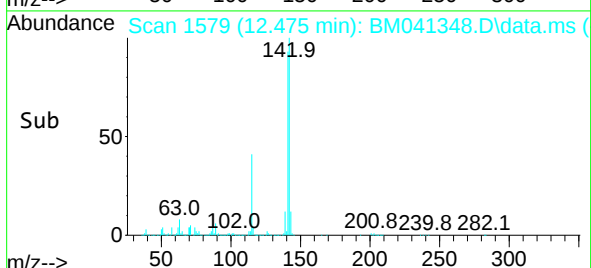
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

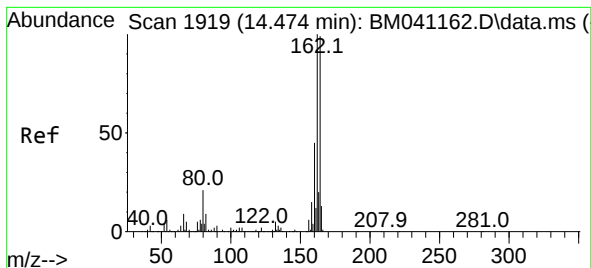


#38
1-Methylnaphthalene
Concen: 47.867 ng
RT: 12.475 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



Tgt Ion:142 Resp: 999915
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

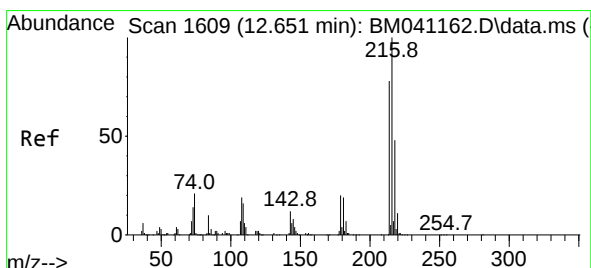
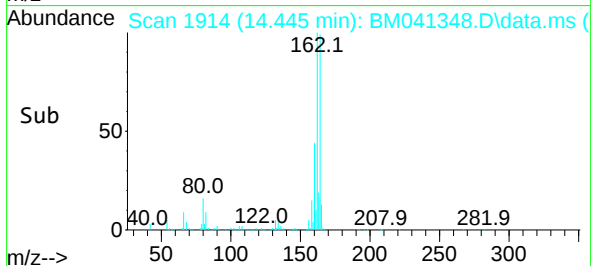
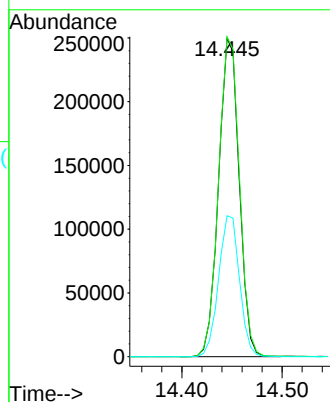
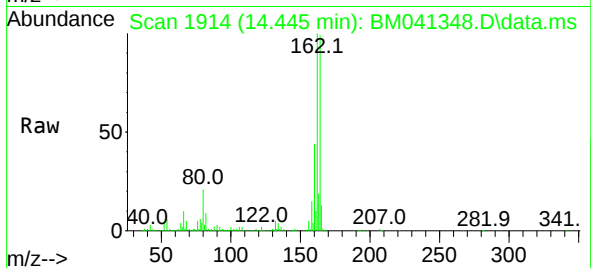
ClientSampleId :

TP-38MSD

Tgt Ion:164 Resp: 35565
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.4 120.6
 160 44.3 36.2 54.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.896 ng

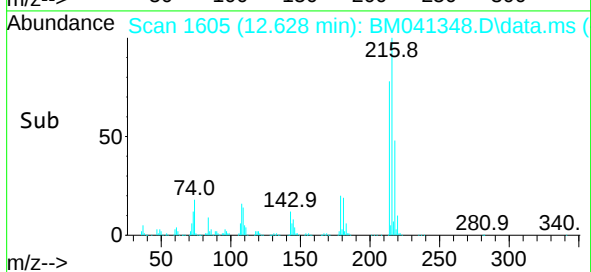
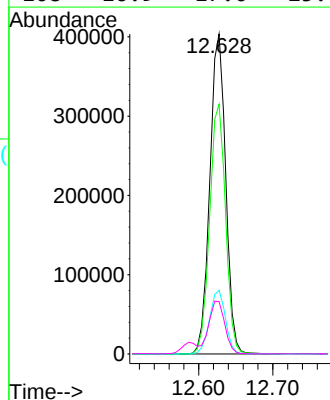
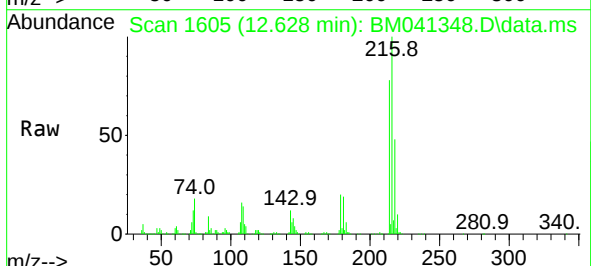
RT: 12.628 min Scan# 1605

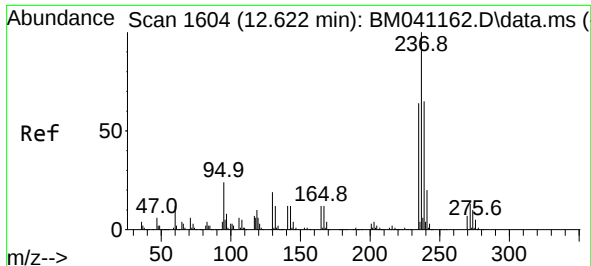
Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

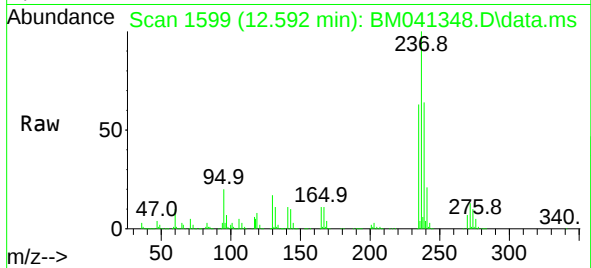
Tgt Ion:216 Resp: 599312
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.2 94.8
 179 20.0 16.2 24.2
 108 16.9 17.0 25.4#





#41
Hexachlorocyclopentadiene
Concen: 98.989 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

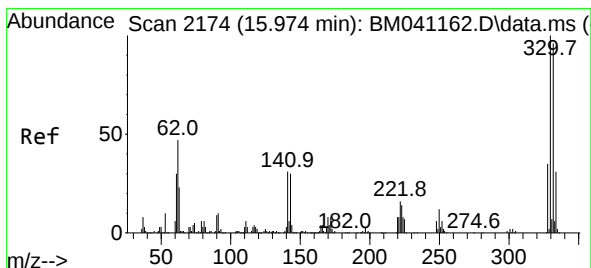
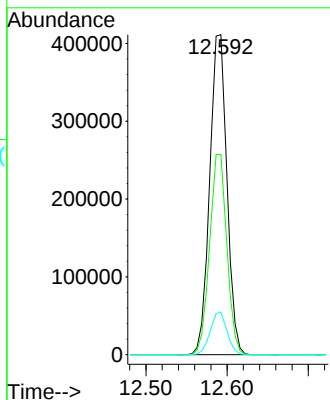
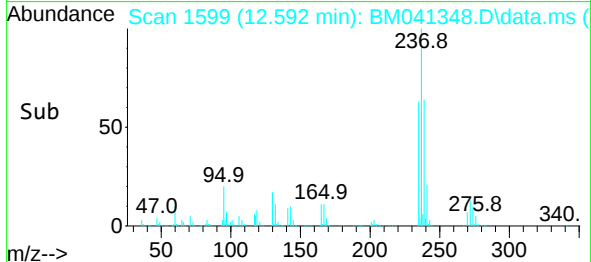
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



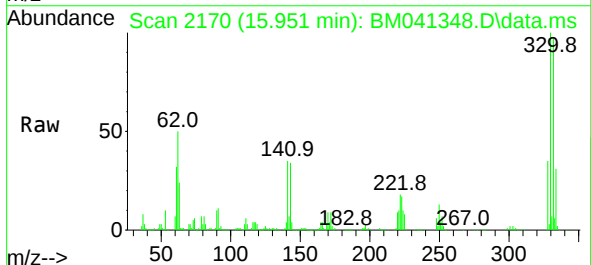
Tgt Ion:237 Resp: 604780
Ion Ratio Lower Upper
237 100
235 62.5 43.6 83.6
272 13.3 0.0 33.3

Manual Integrations
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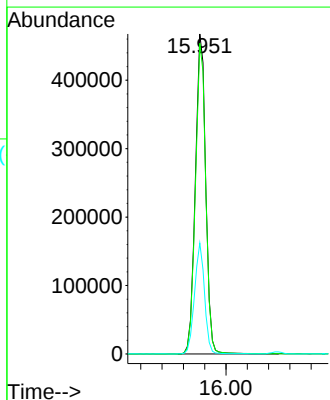
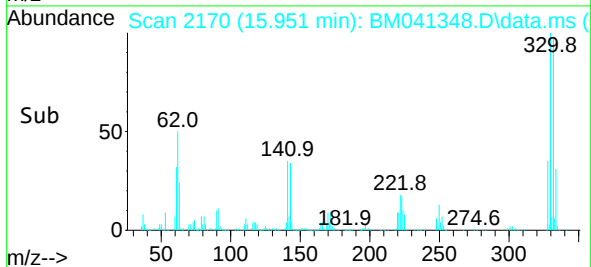
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

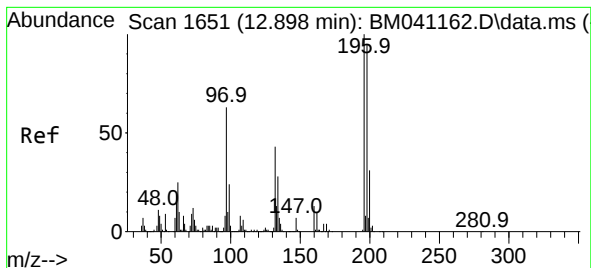


#42
2,4,6-Tribromophenol
Concen: 125.928 ng
RT: 15.951 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



Tgt Ion:330 Resp: 633480
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 33.7 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 53.715 ng

RT: 12.880 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD

Tgt Ion:196 Resp: 39758

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.4

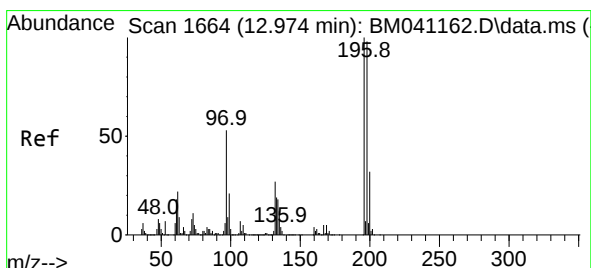
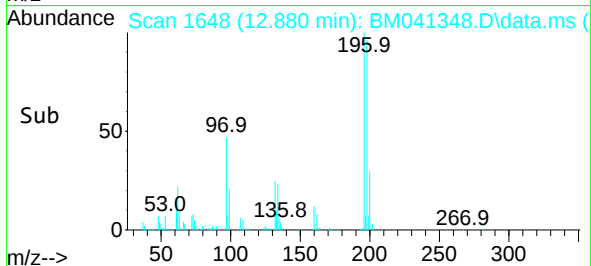
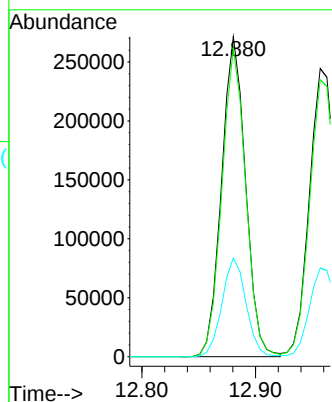
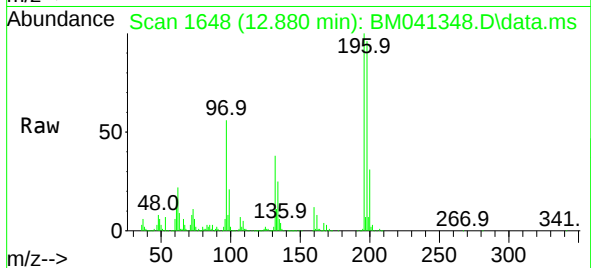
200 30.9 24.6 36.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#44

2,4,5-Trichlorophenol

Concen: 49.578 ng

RT: 12.957 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Tgt Ion:196 Resp: 424736

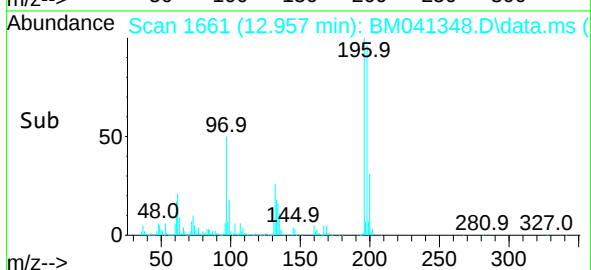
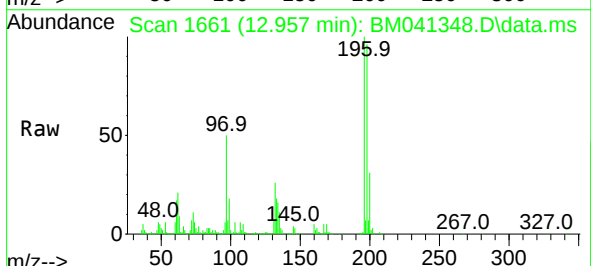
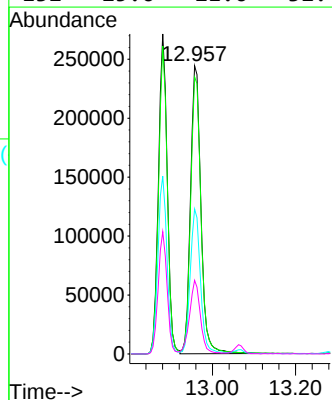
Ion Ratio Lower Upper

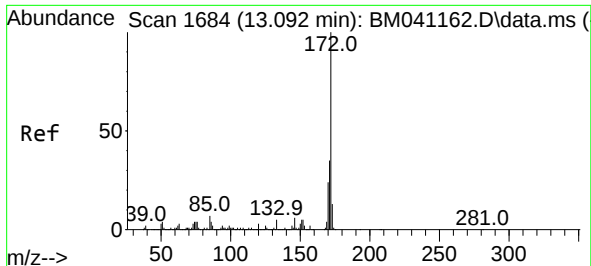
196 100

198 96.1 78.2 117.4

97 50.3 42.7 64.1

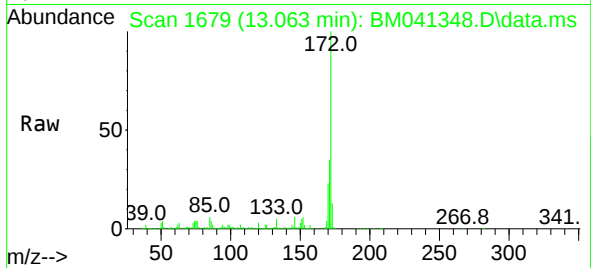
132 25.6 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 81.889 ng
RT: 13.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

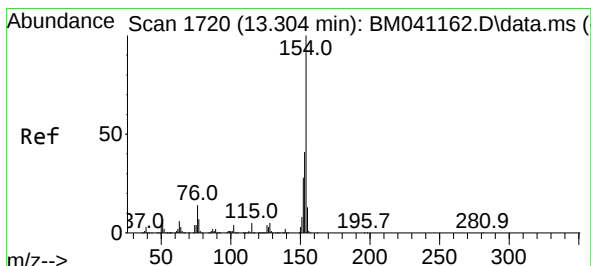
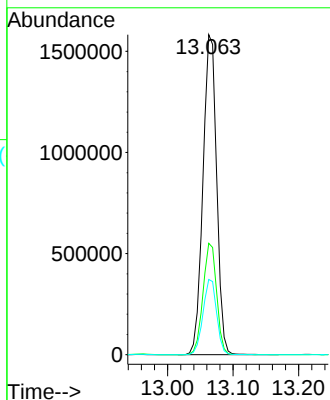
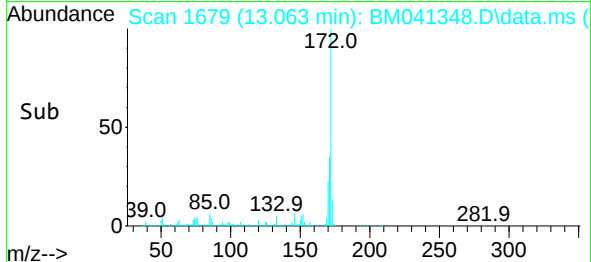
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



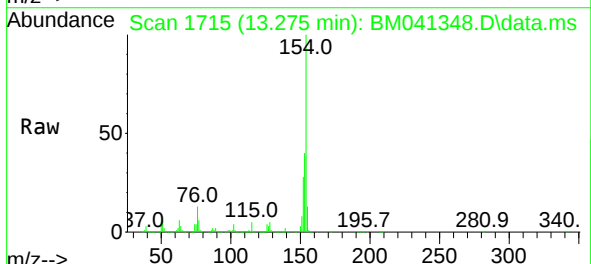
Tgt Ion:172 Resp: 230546
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.9 28.3

Manual Integrations
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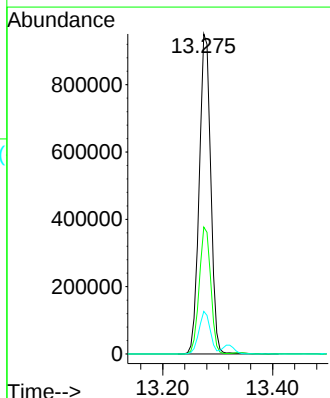
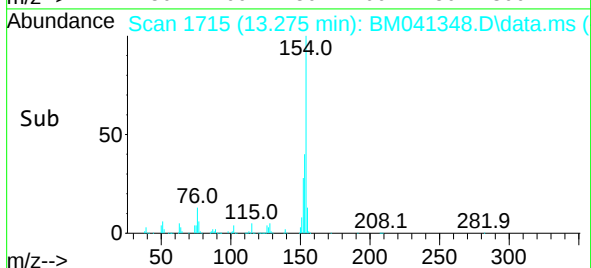
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

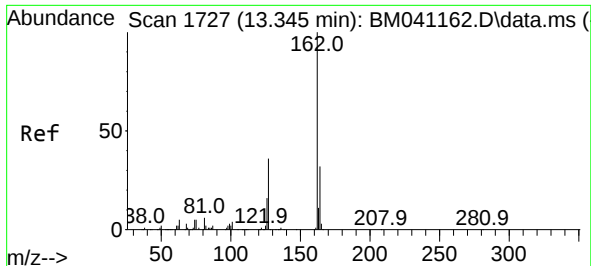


#46
1,1'-Biphenyl
Concen: 47.993 ng
RT: 13.275 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



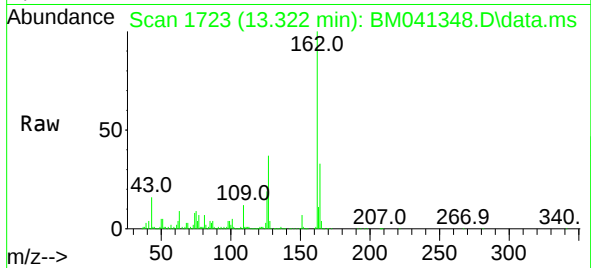
Tgt Ion:154 Resp: 1383738
Ion Ratio Lower Upper
154 100
153 39.6 20.5 60.5
76 13.3 0.0 34.1





#47
2-Chloronaphthalene
Concen: 50.043 ng
RT: 13.322 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

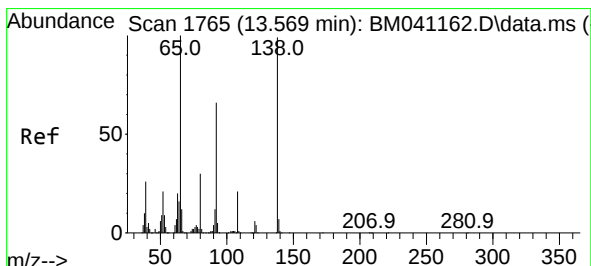
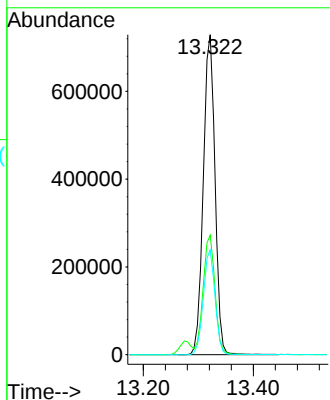
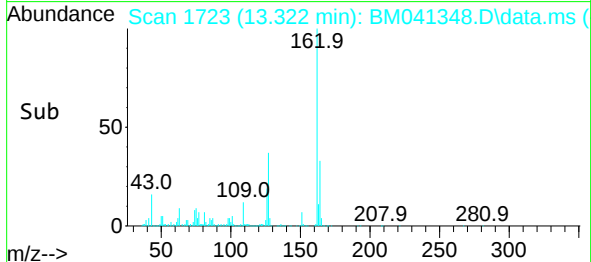
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:162 Resp: 1077340
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 32.7 25.6 38.4

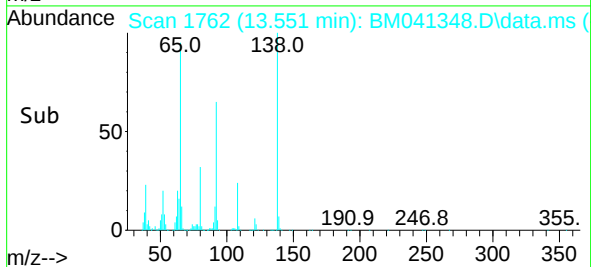
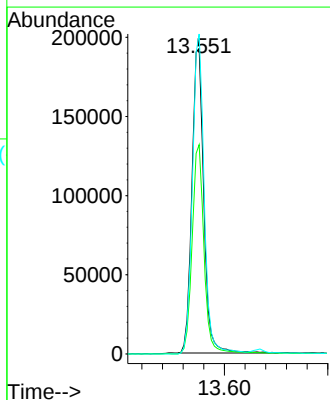
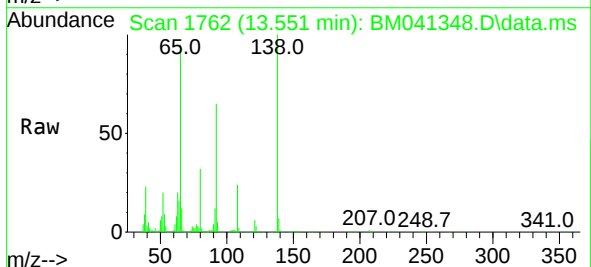
Manual Integrations
APPROVED

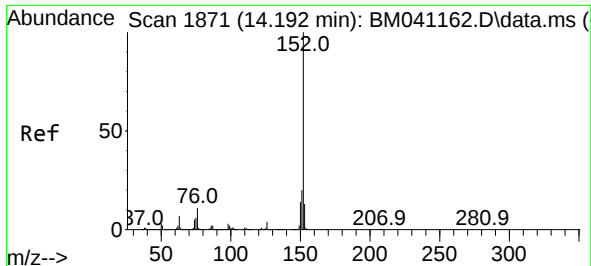
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#48
2-Nitroaniline
Concen: 45.064 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

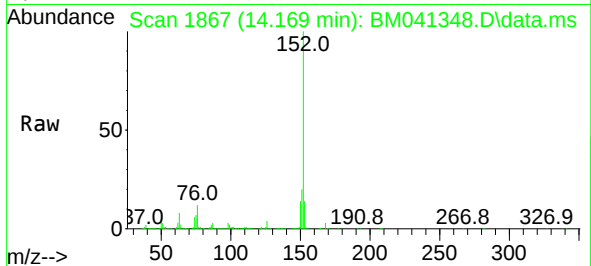
Tgt Ion: 65 Resp: 309674
Ion Ratio Lower Upper
65 100
92 68.5 53.0 79.4
138 104.7 79.1 118.7





#49
Acenaphthylene
Concen: 49.125 ng
RT: 14.169 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

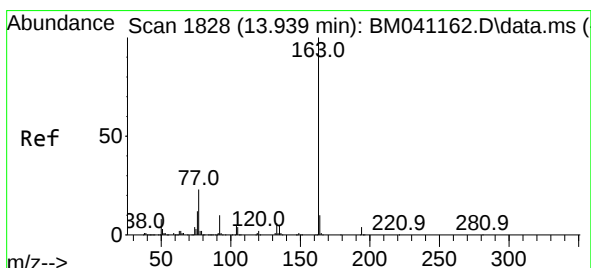
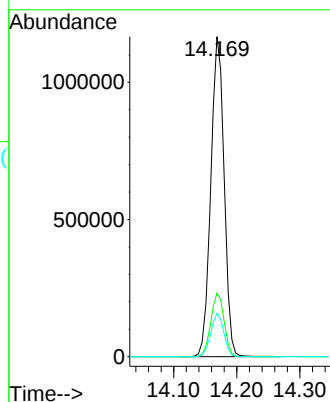
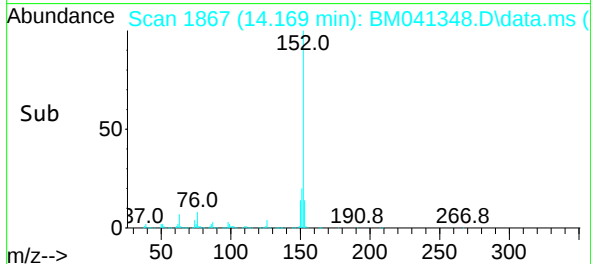
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



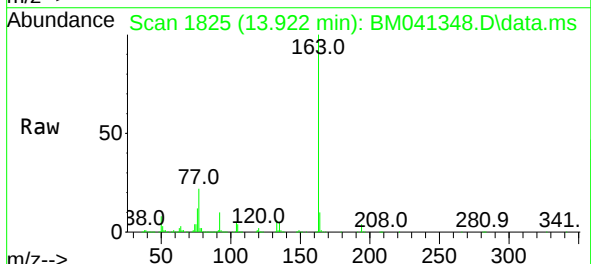
Tgt Ion:152 Resp: 170699
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.5 10.5 15.7

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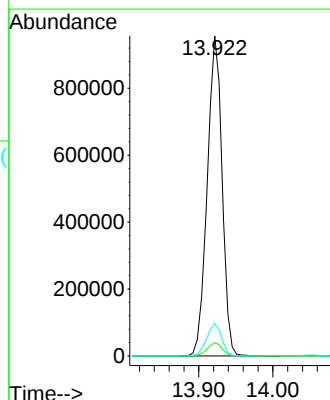
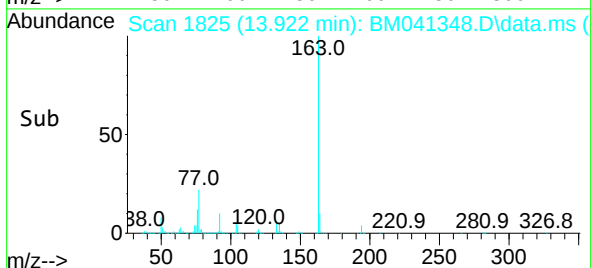
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

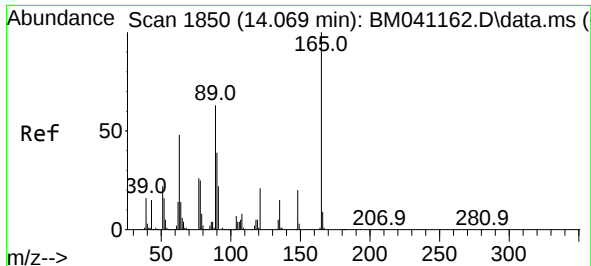


#50
Dimethylphthalate
Concen: 49.757 ng
RT: 13.922 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



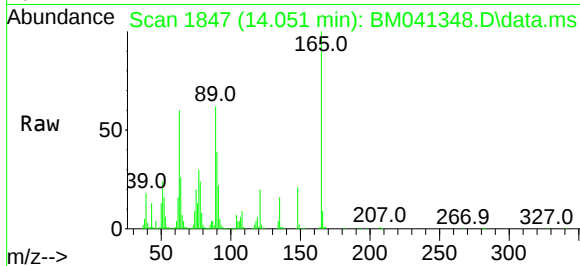
Tgt Ion:163 Resp: 1331134
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 51.583 ng
RT: 14.051 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

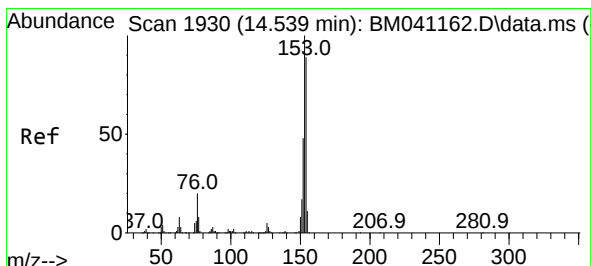
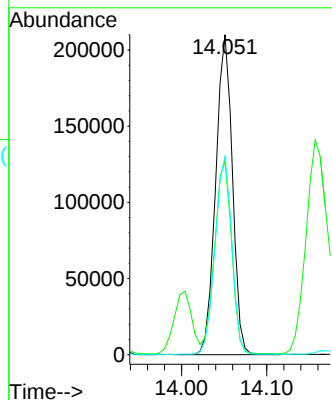
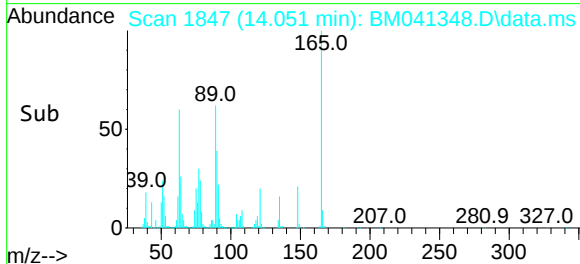
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:165 Resp: 28593
Ion Ratio Lower Upper
165 100
63 60.4 50.9 76.3
89 61.9 50.6 76.0

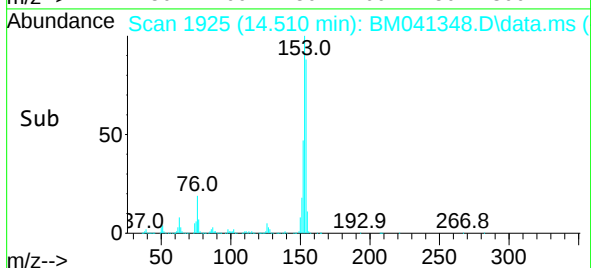
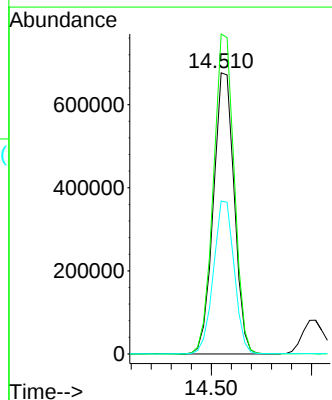
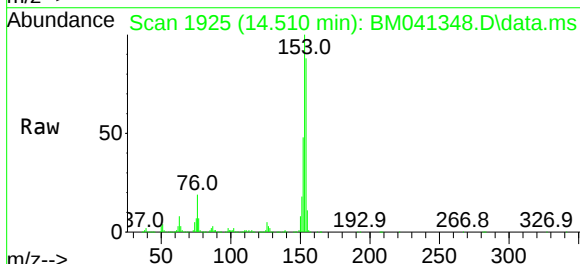
Manual Integrations
APPROVED

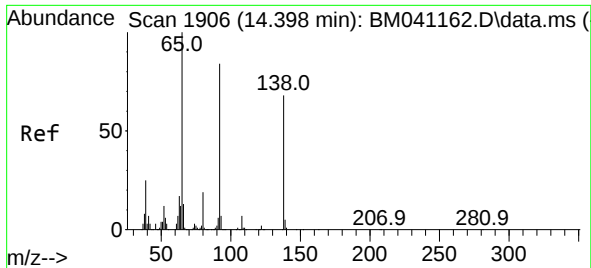
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#52
Acenaphthene
Concen: 46.644 ng
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

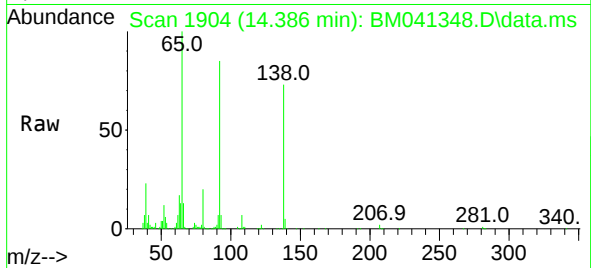
Tgt Ion:154 Resp: 976414
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.4
152 54.4 43.4 65.0





#53
3-Nitroaniline
Concen: 24.388 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

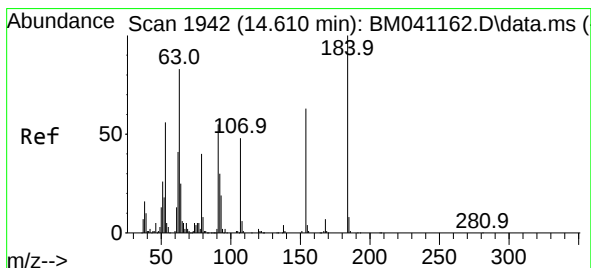
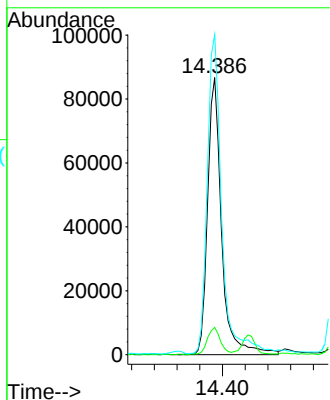
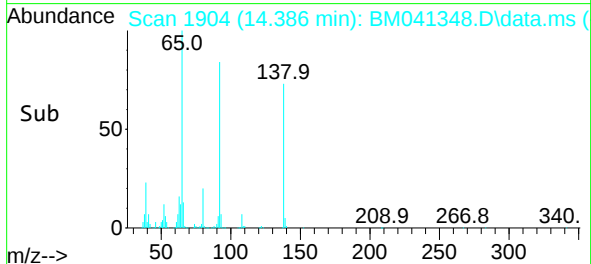
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:138 Resp: 14784
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 115.5 98.9 148.3

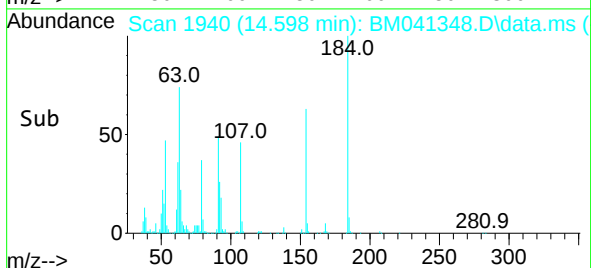
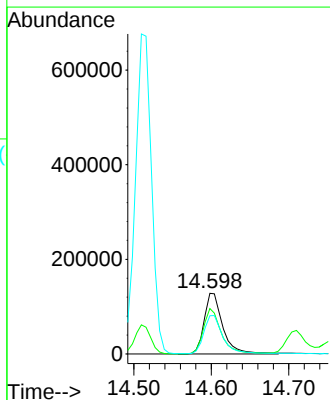
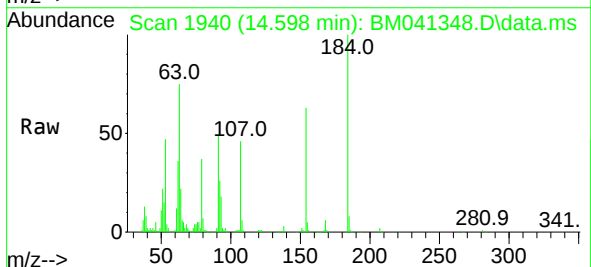
Manual Integrations
APPROVED

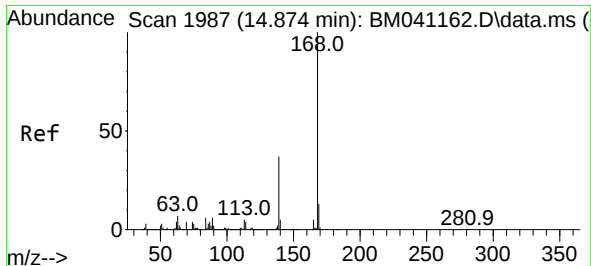
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#54
2,4-Dinitrophenol
Concen: 58.867 ng
RT: 14.598 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

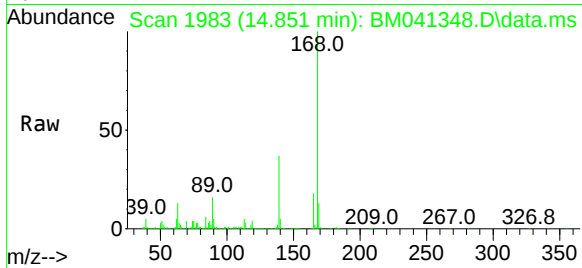
Tgt Ion:184 Resp: 214134
Ion Ratio Lower Upper
184 100
63 74.8 66.5 99.7
154 63.0 52.8 79.2





#55
Dibenzenofuran
Concen: 46.801 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

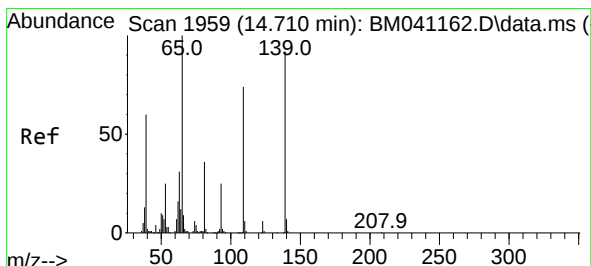
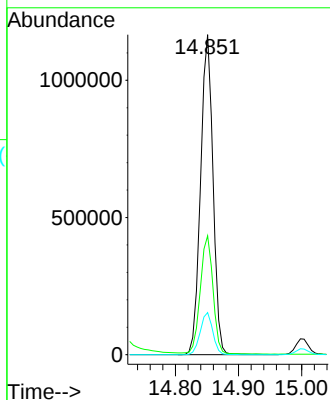
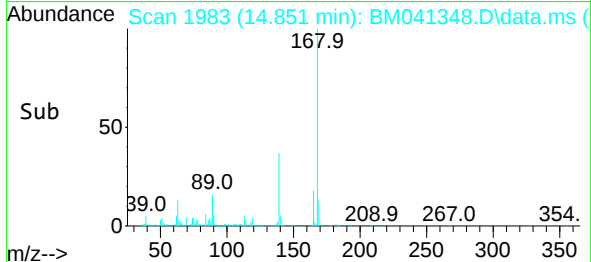
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



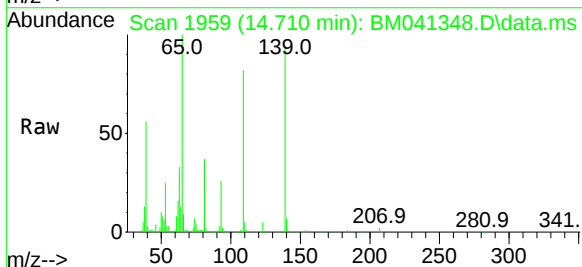
Tgt Ion:168 Resp: 1598418
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 13.1 10.5 15.7

Manual Integrations
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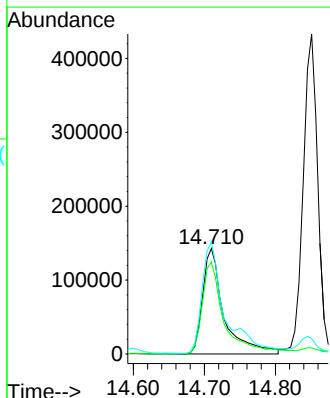
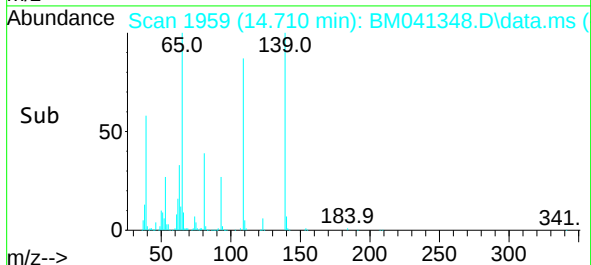
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

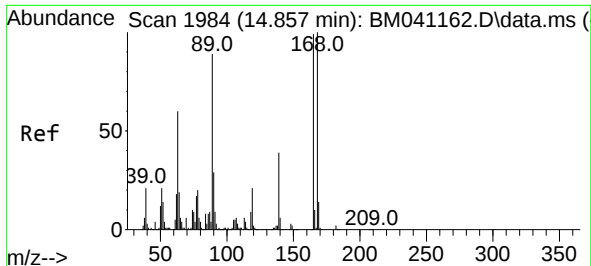


#56
4-Nitrophenol
Concen: 64.887 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



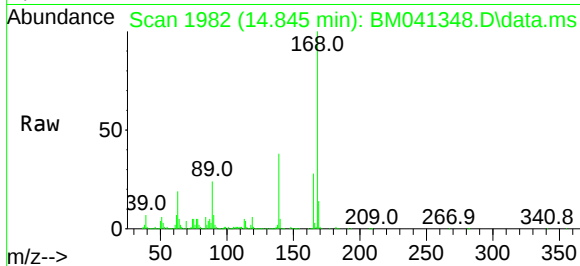
Tgt Ion:139 Resp: 299765
Ion Ratio Lower Upper
139 100
109 87.3 61.2 101.2
65 106.5 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 47.505 ng
RT: 14.845 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

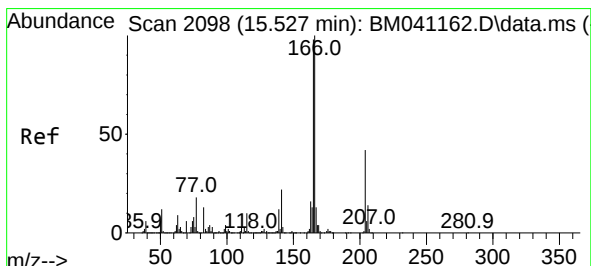
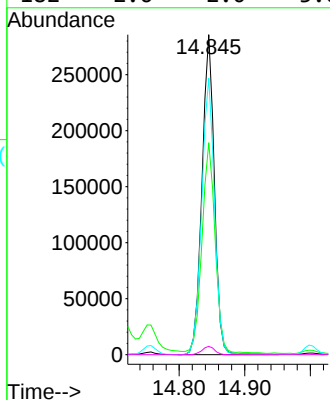
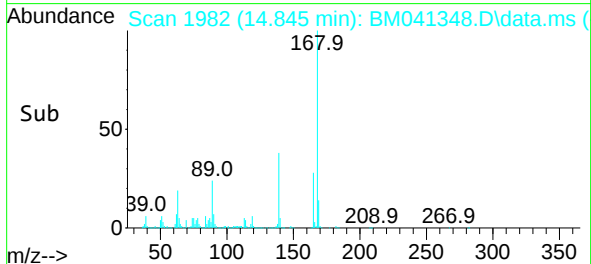
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:165 Resp: 375814
Ion Ratio Lower Upper
165 100
63 66.3 48.3 72.5
89 86.3 71.8 107.8
182 2.6 2.0 3.0

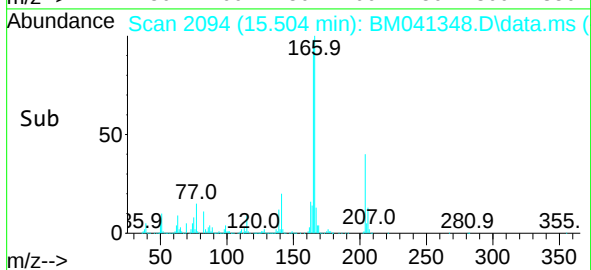
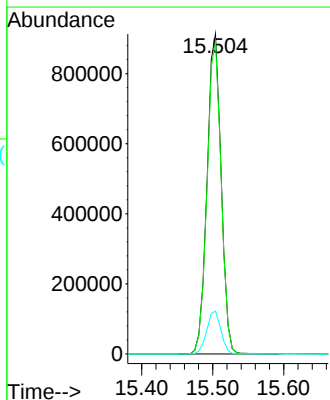
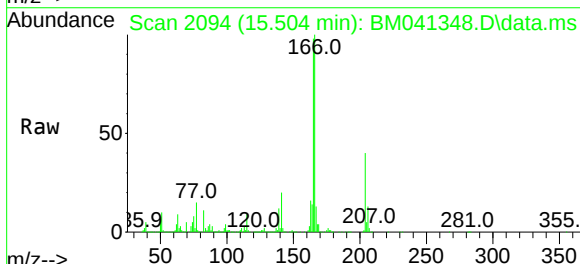
Manual Integrations
APPROVED

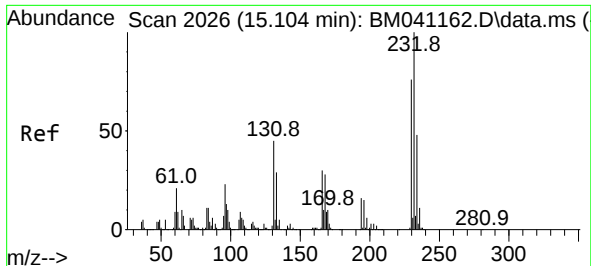
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#58
Fluorene
Concen: 46.684 ng
RT: 15.504 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Tgt Ion:166 Resp: 1257838
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.145 ng

RT: 15.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM041348.D

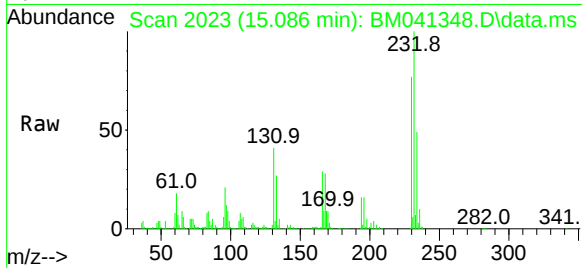
Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD



Tgt Ion:232 Resp: 361740

Ion Ratio Lower Upper

232 100

131 42.2 36.9 55.3

130 2.4 2.0 3.0

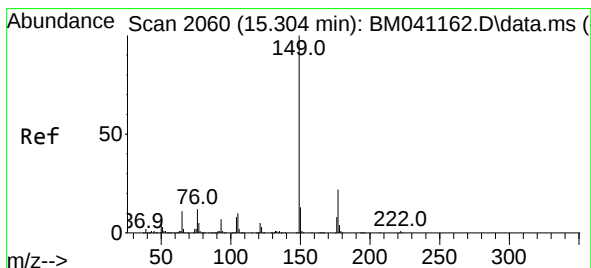
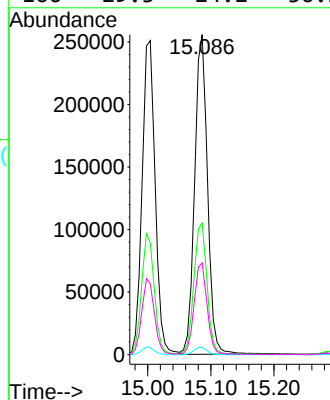
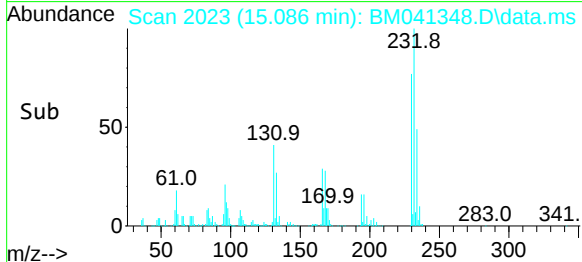
166 29.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#60

Diethylphthalate

Concen: 49.371 ng

RT: 15.286 min Scan# 2057

Delta R.T. 0.006 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

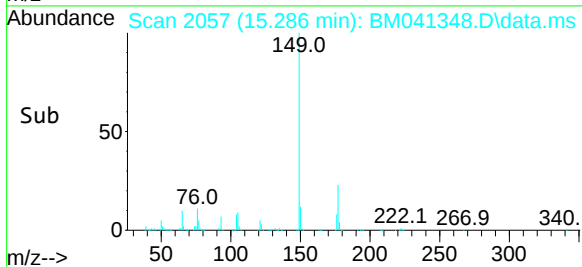
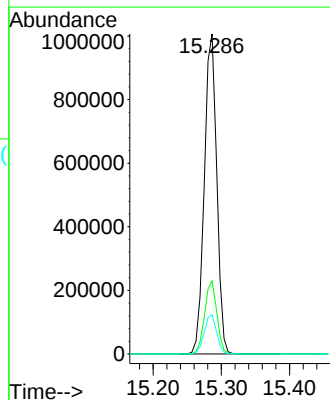
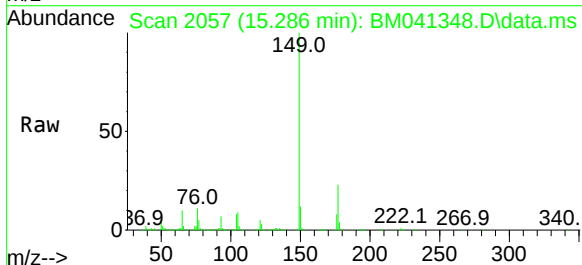
Tgt Ion:149 Resp: 1277291

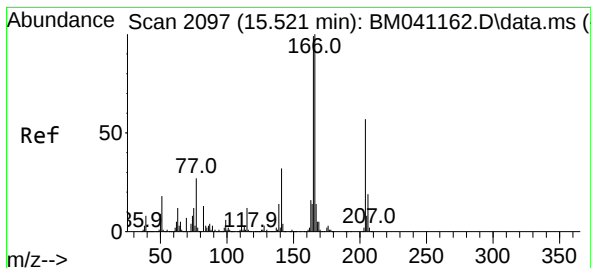
Ion Ratio Lower Upper

149 100

177 22.9 17.5 26.3

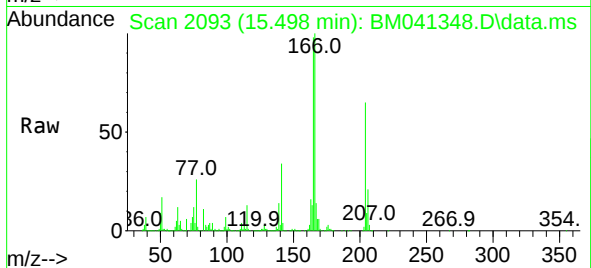
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.172 ng
RT: 15.498 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

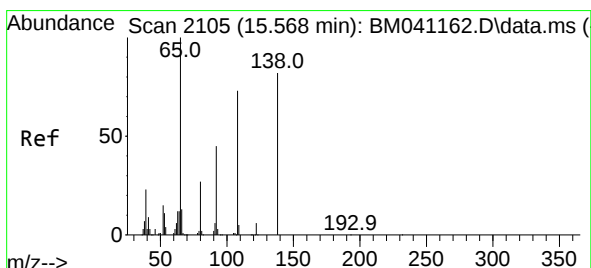
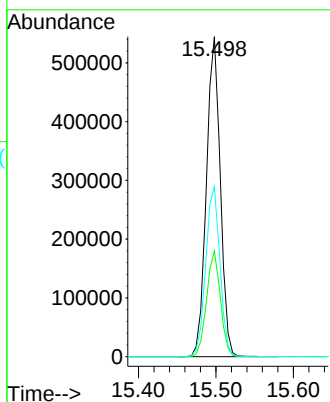
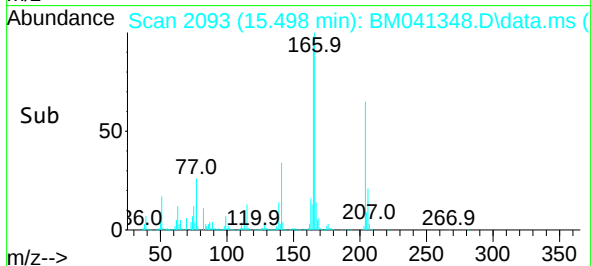
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:204 Resp: 67739
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 53.1 44.8 67.2

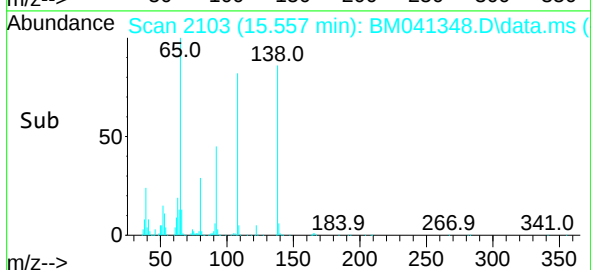
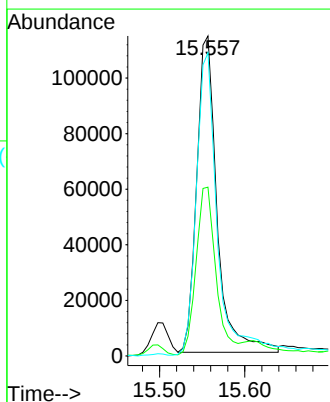
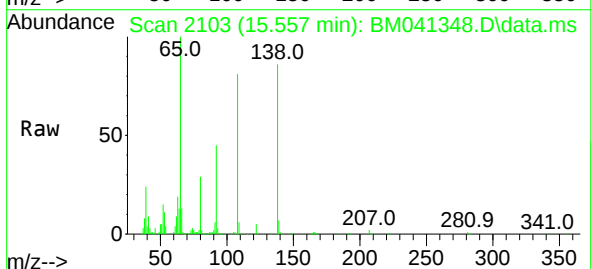
Manual Integrations
APPROVED

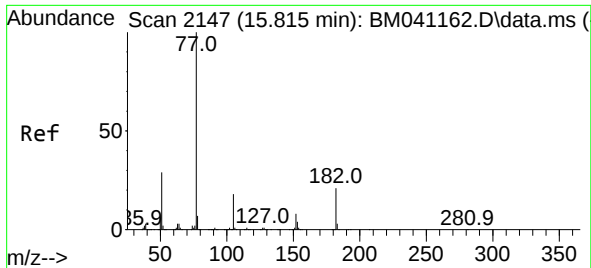
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#62
4-Nitroaniline
Concen: 33.528 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

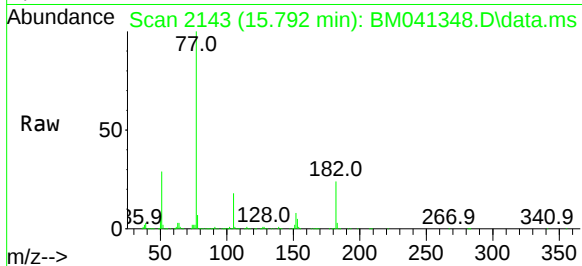
Tgt Ion:138 Resp: 190130
Ion Ratio Lower Upper
138 100
92 52.8 35.1 75.1
108 94.7 67.8 107.8





#63
Azobenzene
Concen: 45.551 ng
RT: 15.792 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

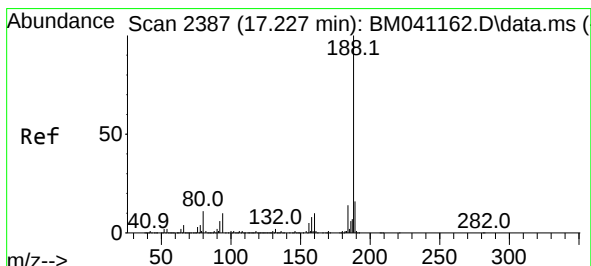
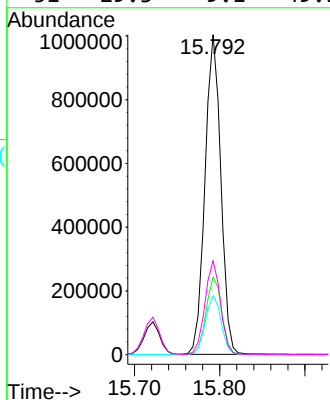
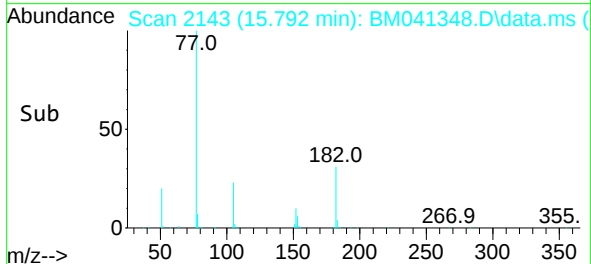
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



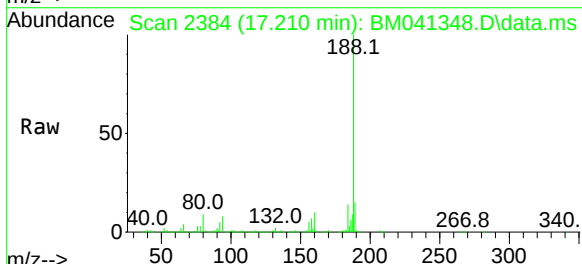
Tgt Ion: 77 Resp: 129086
Ion Ratio Lower Upper
77 100
182 24.2 1.3 41.3
105 18.4 0.0 38.5
51 29.3 9.1 49.1

Manual Integrations
APPROVED

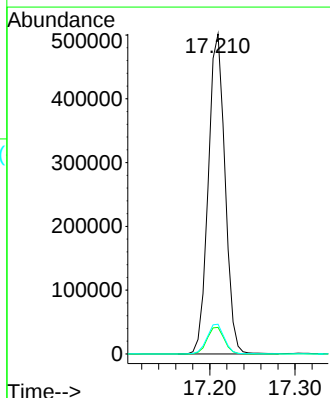
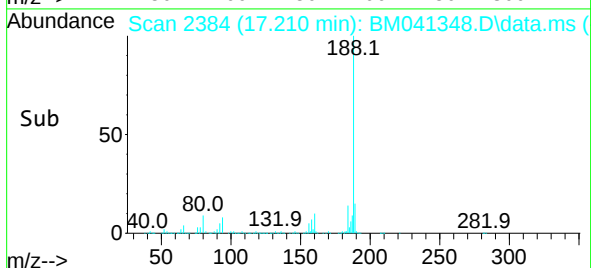
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

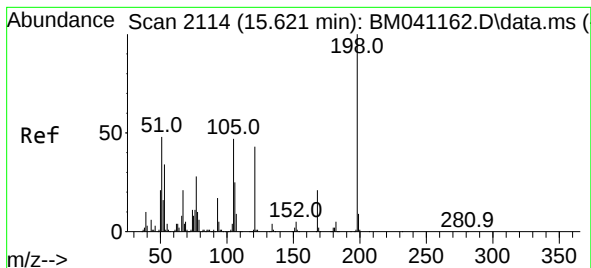


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



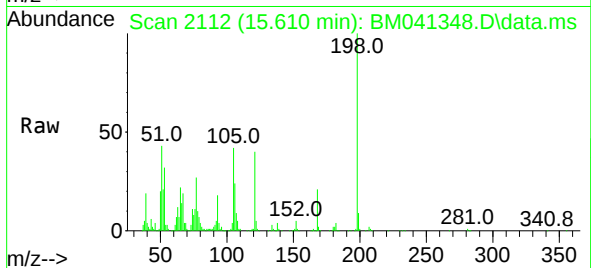
Tgt Ion:188 Resp: 686356
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.3 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.812 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

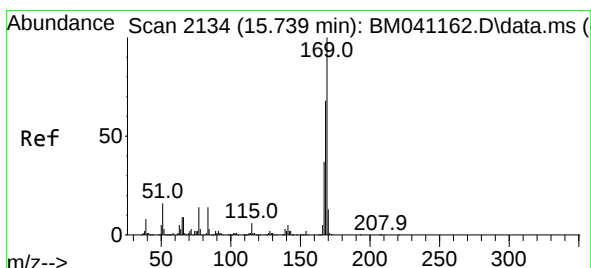
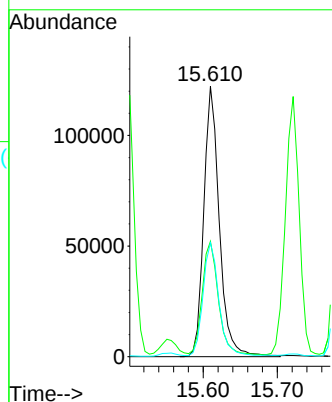
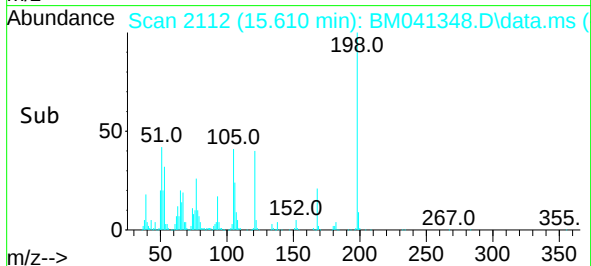
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:198 Resp: 178009
Ion Ratio Lower Upper
198 100
51 42.7 31.7 71.7
105 42.1 27.8 67.8

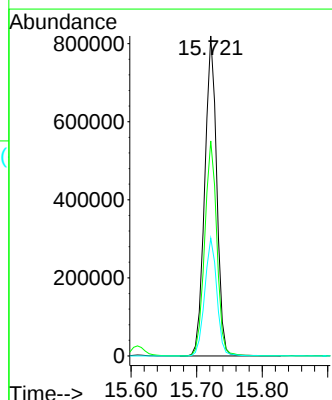
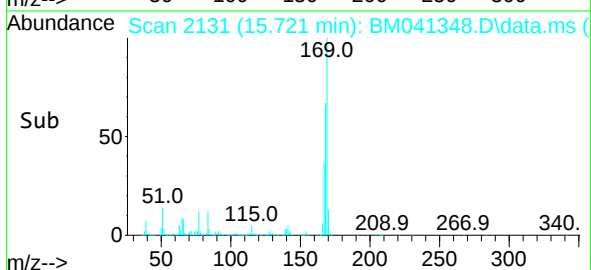
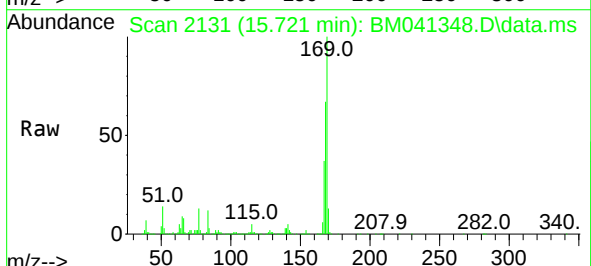
Manual Integrations
APPROVED

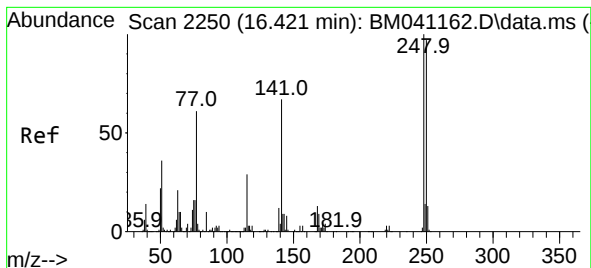
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#66
n-Nitrosodiphenylamine
Concen: 49.090 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

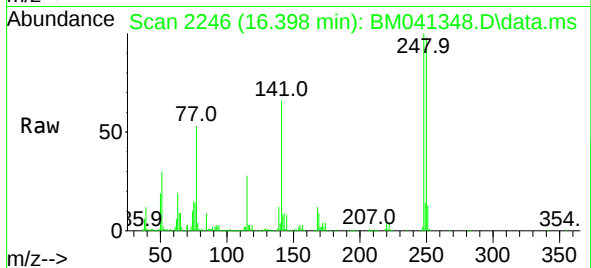
Tgt Ion:169 Resp: 1047884
Ion Ratio Lower Upper
169 100
168 67.2 54.6 81.8
167 36.8 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 53.960 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

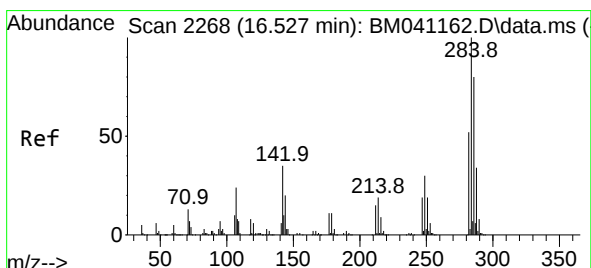
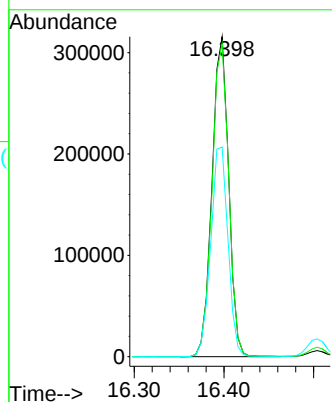
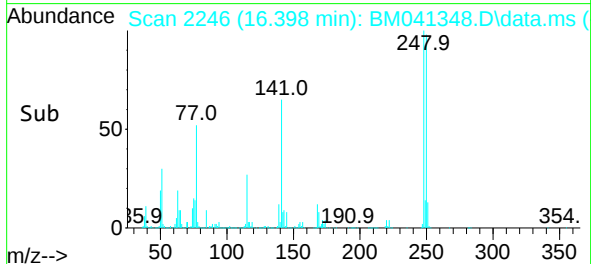
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:248 Resp: 406060
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 65.6 53.8 80.8

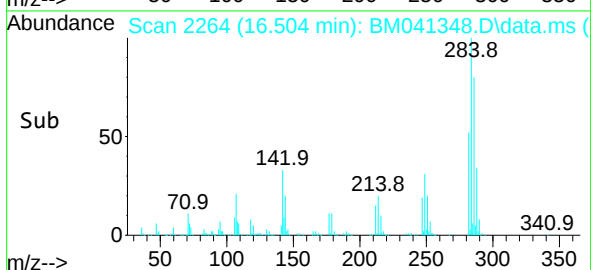
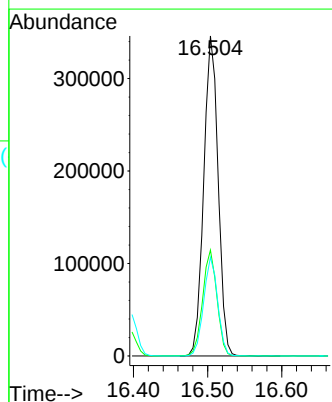
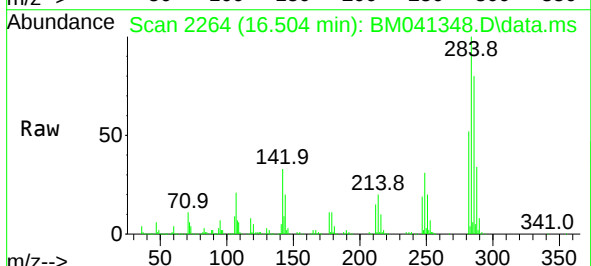
Manual Integrations
APPROVED

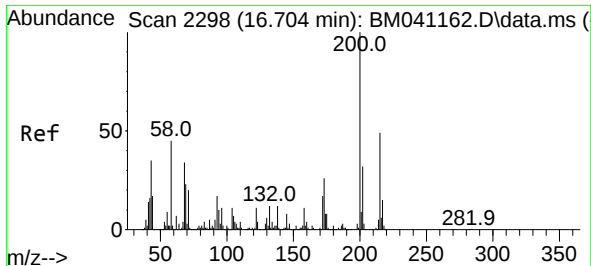
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#68
Hexachlorobenzene
Concen: 55.977 ng
RT: 16.504 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

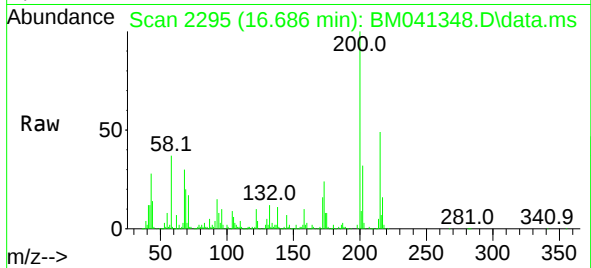
Tgt Ion:284 Resp: 468412
Ion Ratio Lower Upper
284 100
142 33.1 28.0 42.0
249 30.9 23.7 35.5





#69
Atrazine
Concen: 66.655 ng
RT: 16.686 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

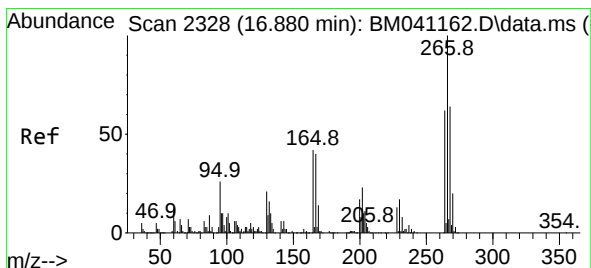
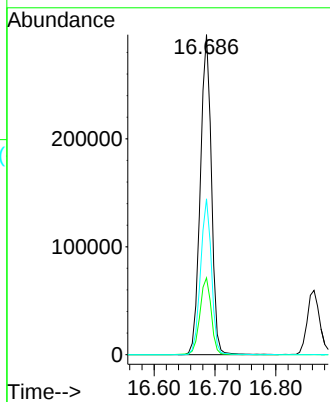
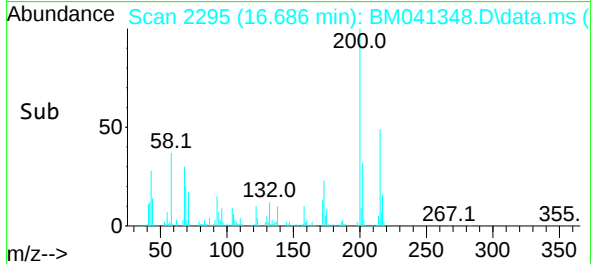
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:200 Resp: 37365
Ion Ratio Lower Upper
200 100
173 24.0 5.6 45.6
215 48.7 28.5 68.5

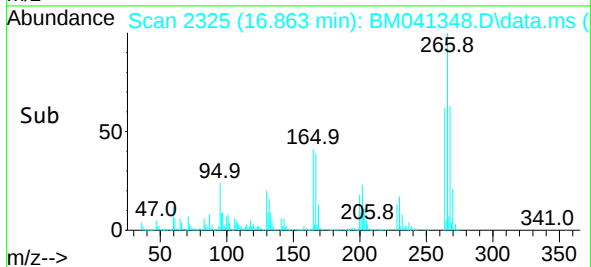
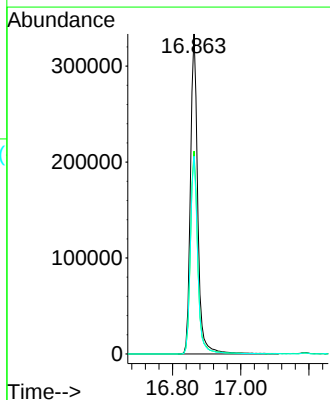
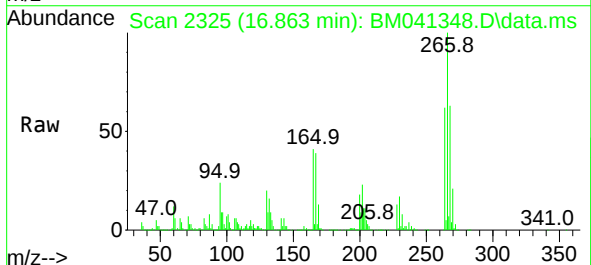
Manual Integrations
APPROVED

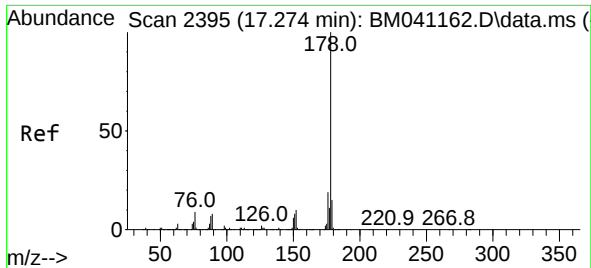
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#70
Pentachlorophenol
Concen: 85.226 ng
RT: 16.863 min Scan# 2325
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

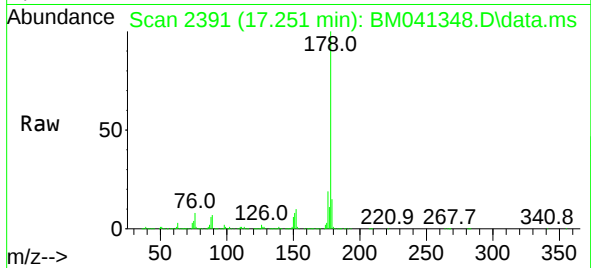
Tgt Ion:266 Resp: 493836
Ion Ratio Lower Upper
266 100
268 63.4 51.0 76.6
264 61.8 49.4 74.2





#71
Phenanthrene
Concen: 47.193 ng
RT: 17.251 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

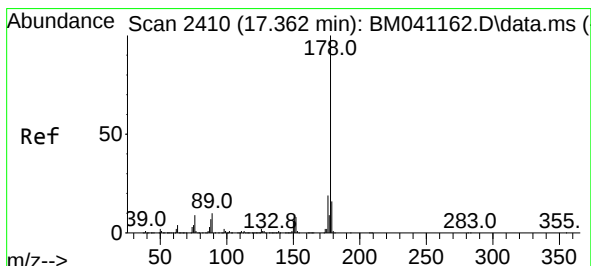
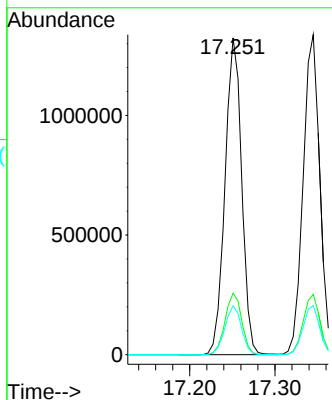
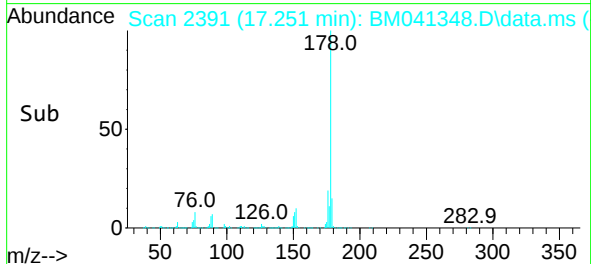
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:178 Resp: 1799668
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.1 18.1

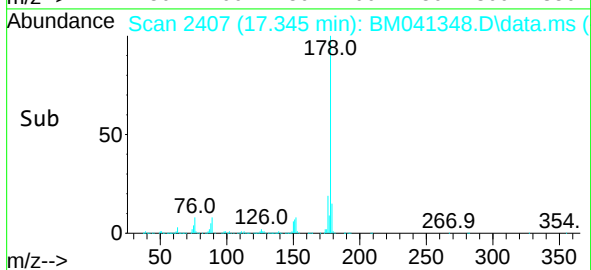
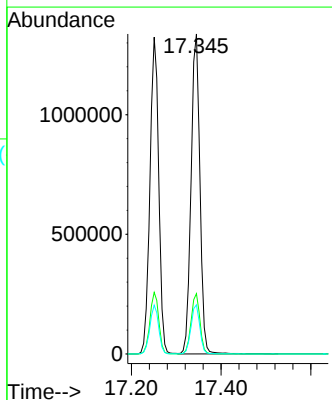
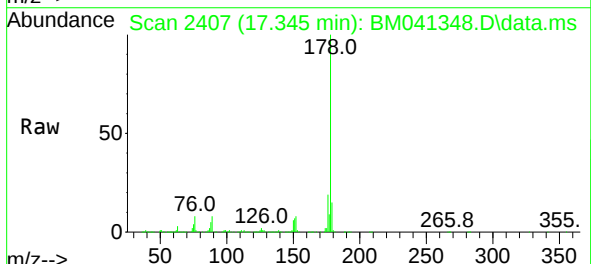
Manual Integrations
APPROVED

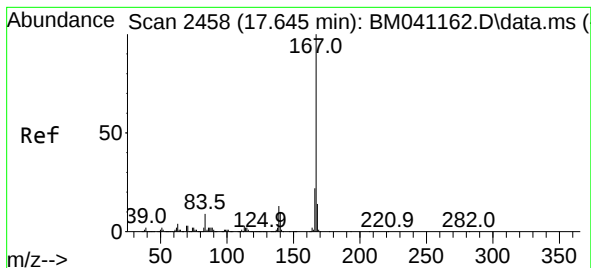
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#72
Anthracene
Concen: 48.521 ng
RT: 17.345 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Tgt Ion:178 Resp: 1829999
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.4 12.4 18.6





#73

Carbazole

Concen: 45.234 ng

RT: 17.627 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD

Tgt Ion:167 Resp: 1544128

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

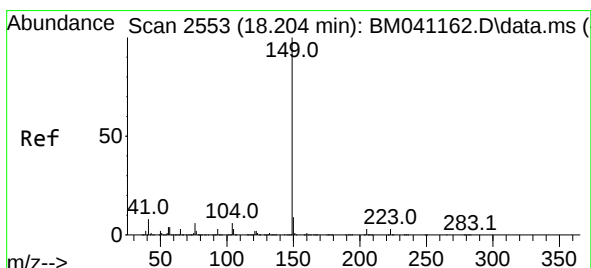
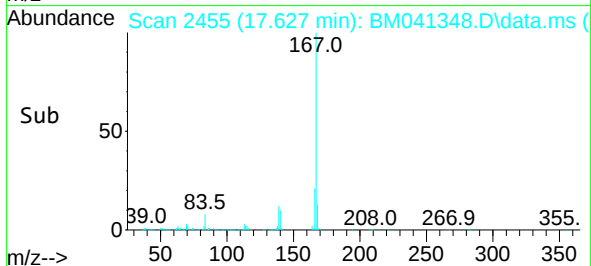
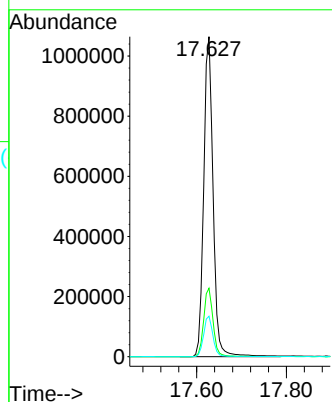
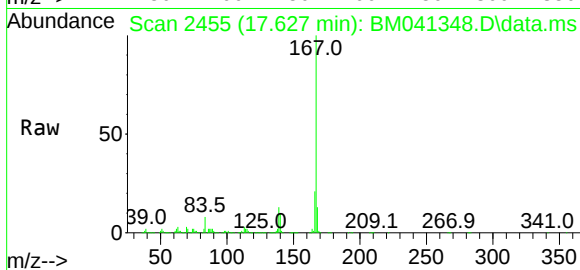
139 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#74

Di-n-butylphthalate

Concen: 52.218 ng

RT: 18.180 min Scan# 2549

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

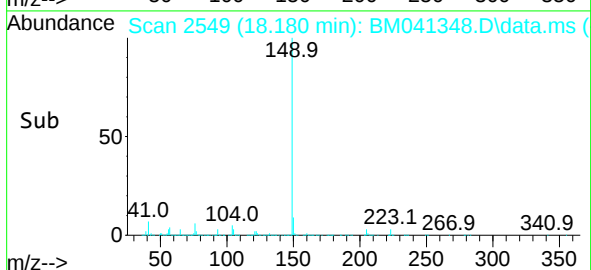
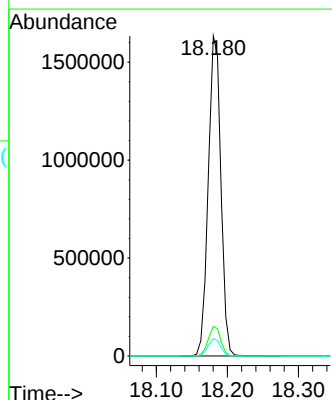
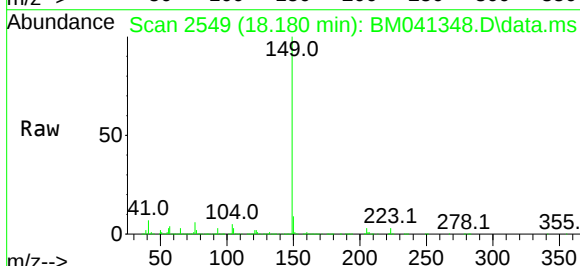
Tgt Ion:149 Resp: 2014289

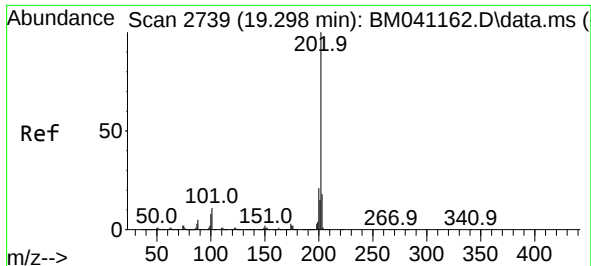
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

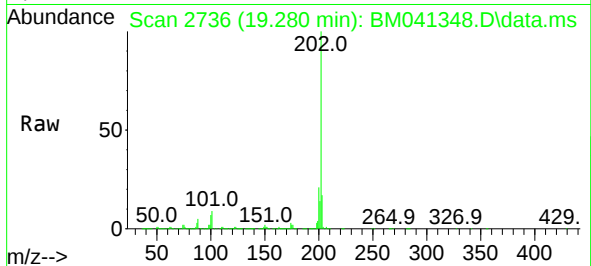
104 5.5 4.5 6.7





#75
Fluoranthene
Concen: 45.039 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

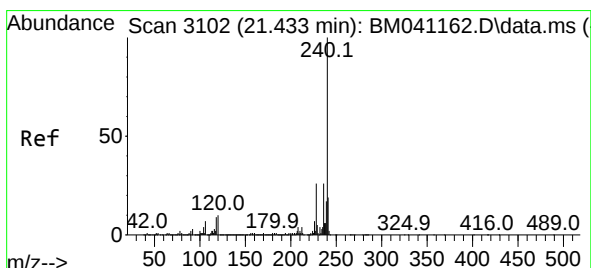
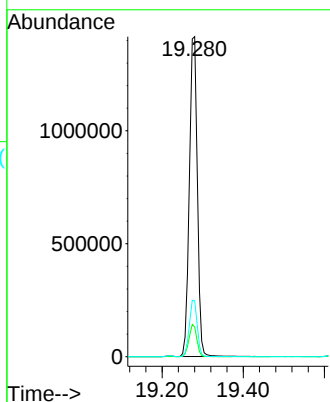
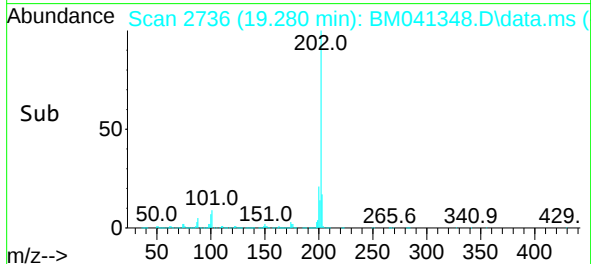
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:202 Resp: 1929600
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.8
203 17.5 0.0 37.6

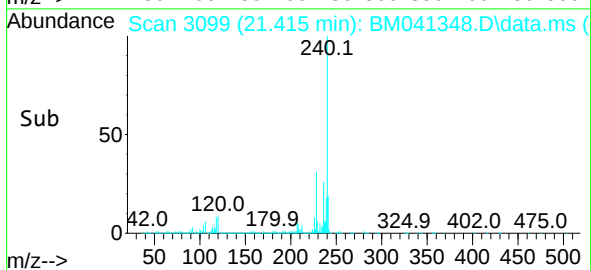
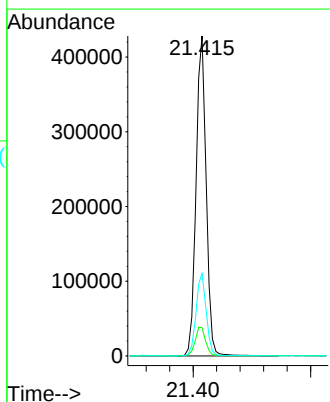
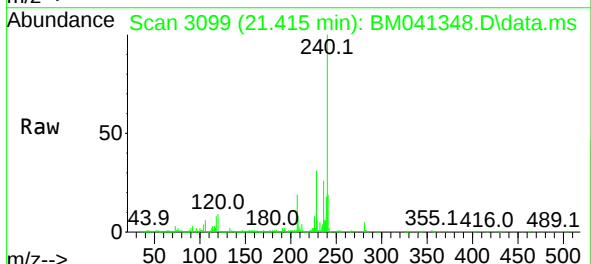
Manual Integrations
APPROVED

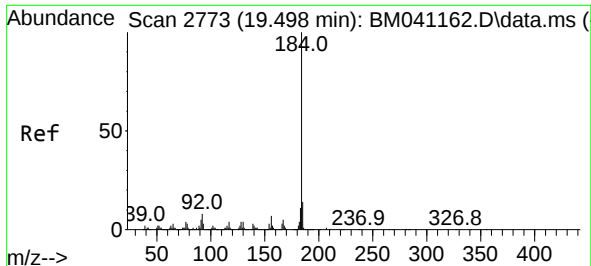
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Tgt Ion:240 Resp: 512001
Ion Ratio Lower Upper
240 100
120 8.9 8.3 12.5
236 25.8 20.6 30.8





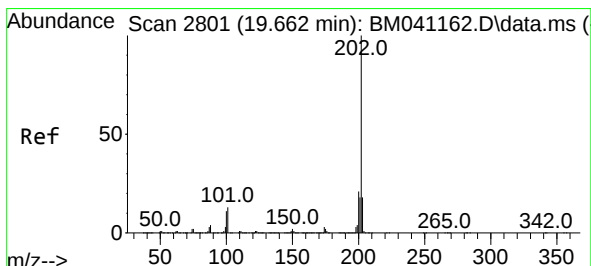
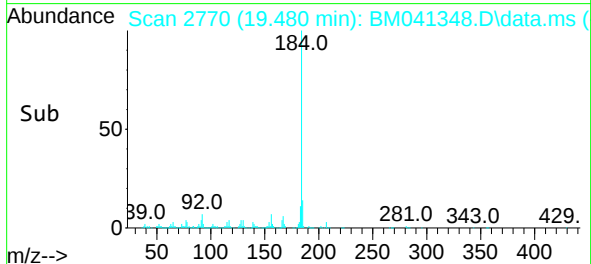
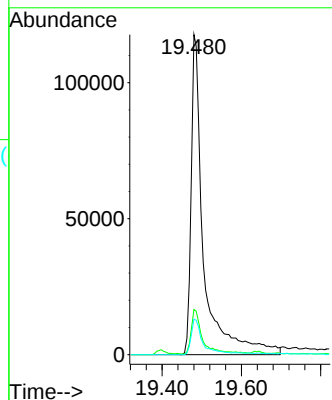
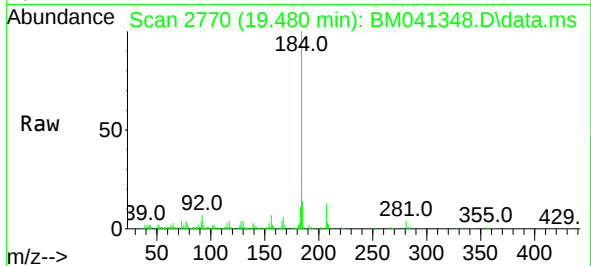
#77
Benzidine
Concen: 37.263 ng
RT: 19.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Instrument :
BNA_M
ClientSampleId :
TP-38MSD

Tgt Ion:184 Resp: 260044
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.1 9.2 13.8

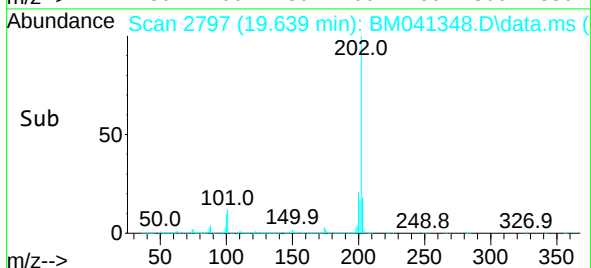
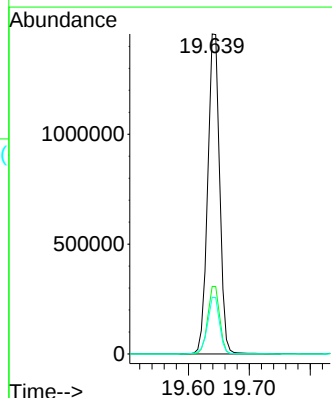
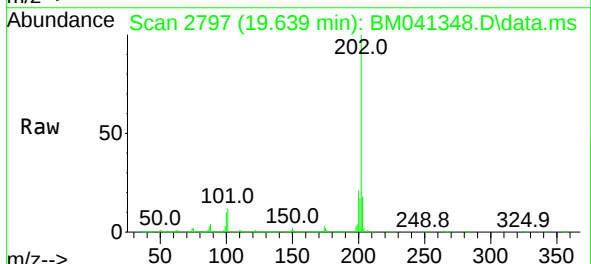
Manual Integrations
APPROVED

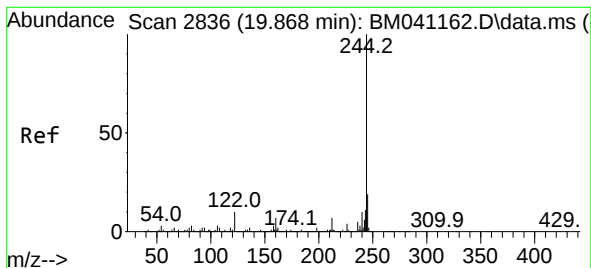
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#78
Pyrene
Concen: 55.323 ng
RT: 19.639 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Tgt Ion:202 Resp: 1980827
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 98.447 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD

Tgt Ion:244 Resp: 278780

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

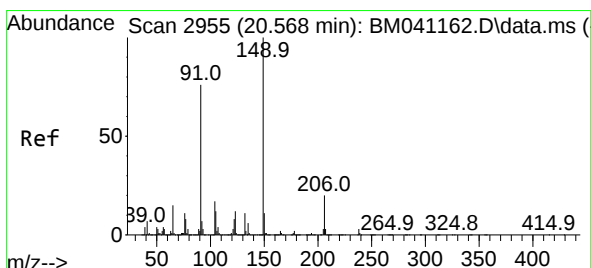
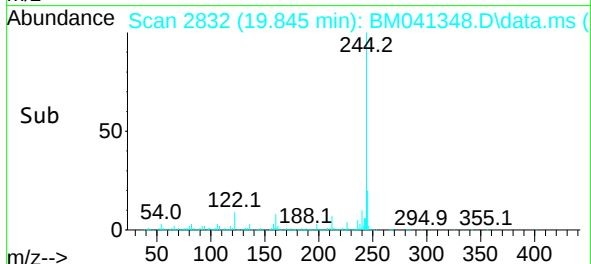
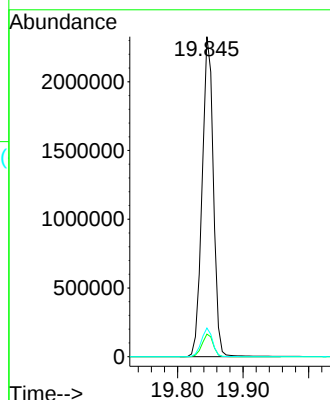
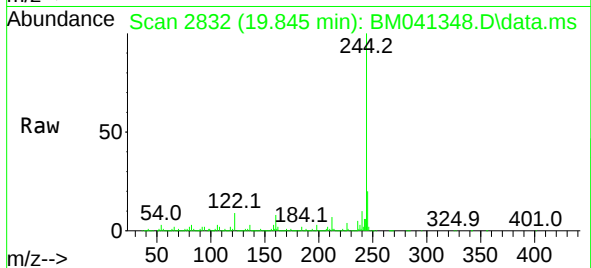
122 8.9 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#80

Butylbenzylphthalate

Concen: 58.623 ng

RT: 20.545 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

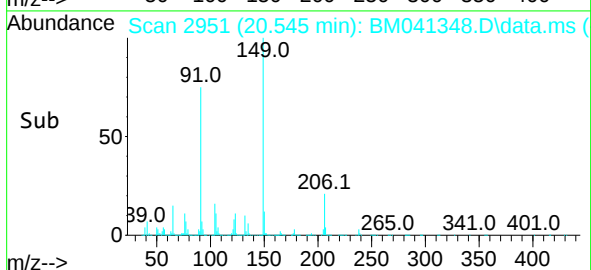
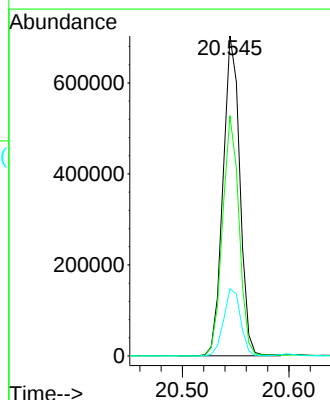
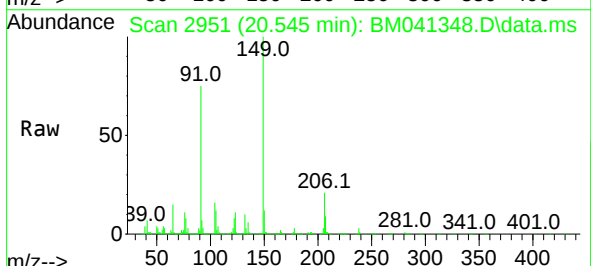
Tgt Ion:149 Resp: 766517

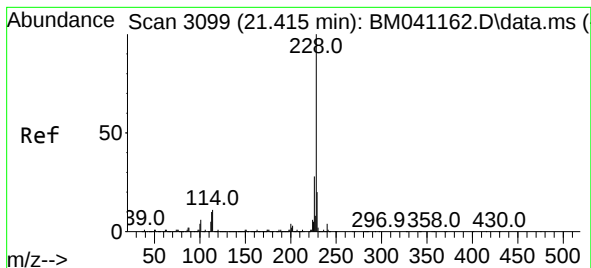
Ion Ratio Lower Upper

149 100

91 75.1 60.8 91.2

206 21.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.449 ng

RT: 21.398 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD

Tgt Ion:228 Resp: 175105

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

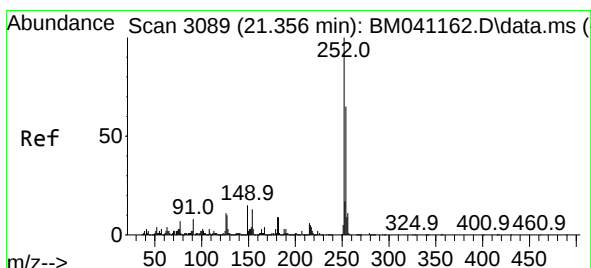
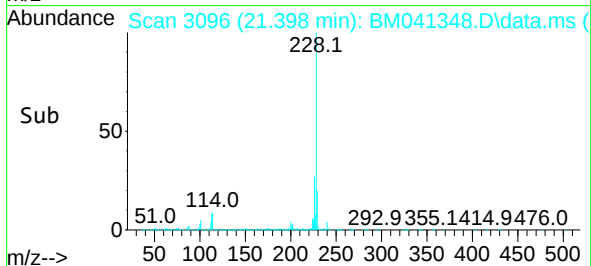
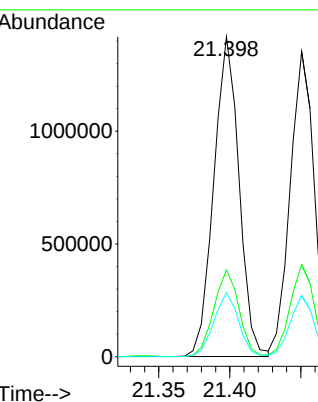
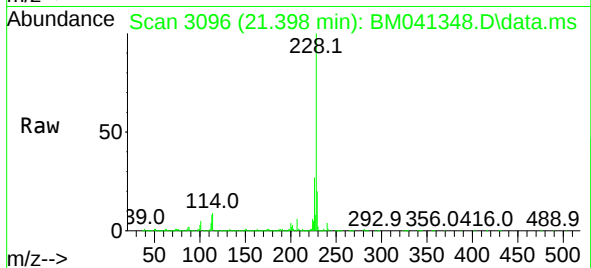
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#82

3,3'-Dichlorobenzidine

Concen: 33.055 ng

RT: 21.339 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

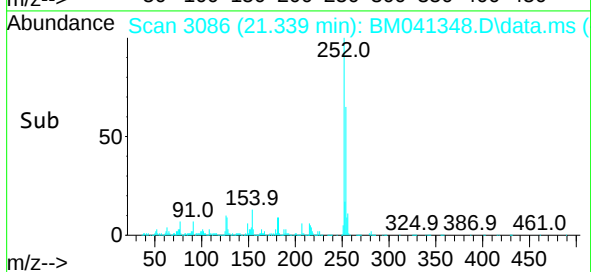
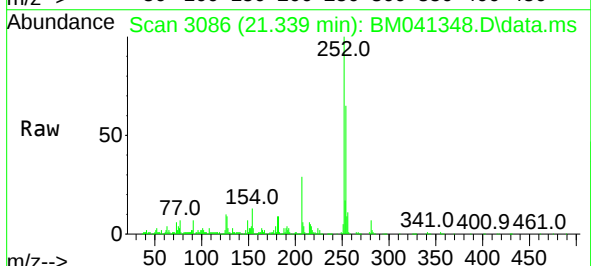
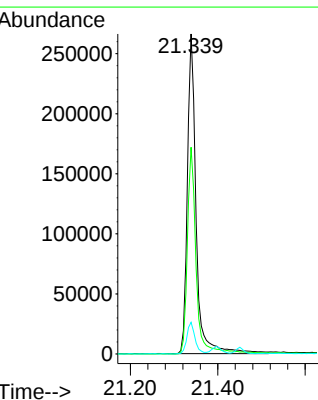
Tgt Ion:252 Resp: 374380

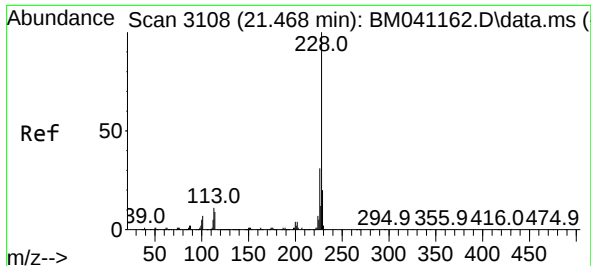
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

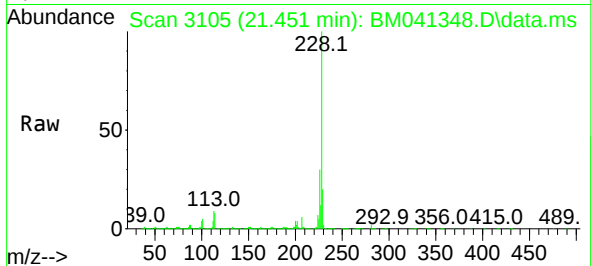
126 9.9 8.6 13.0





#83
Chrysene
Concen: 47.967 ng
RT: 21.451 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

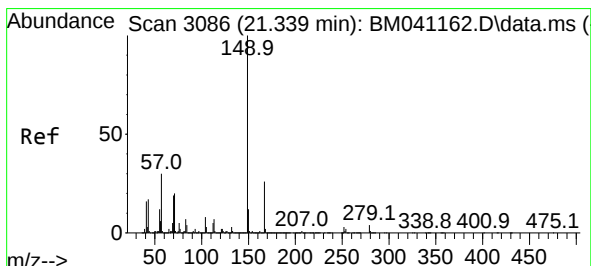
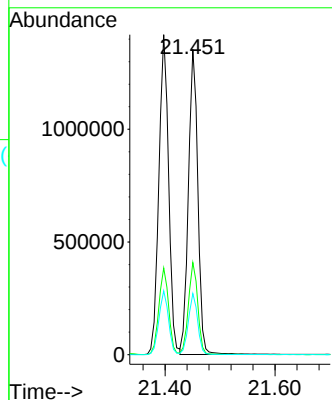
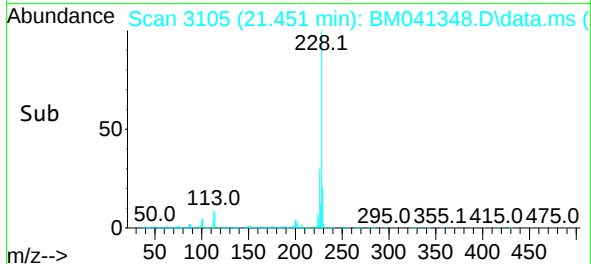
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



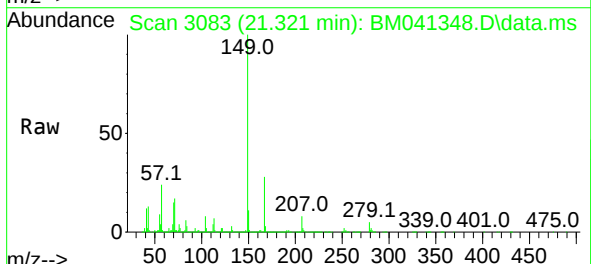
Tgt Ion:228 Resp: 161036
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 20.0 15.8 23.8

Manual Integrations
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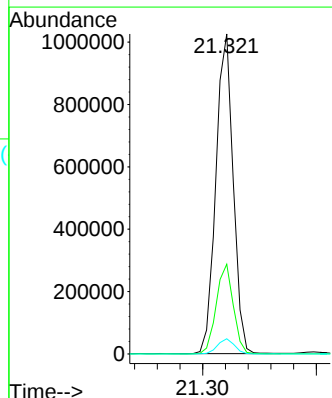
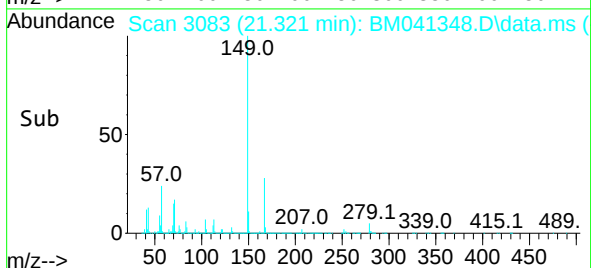
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

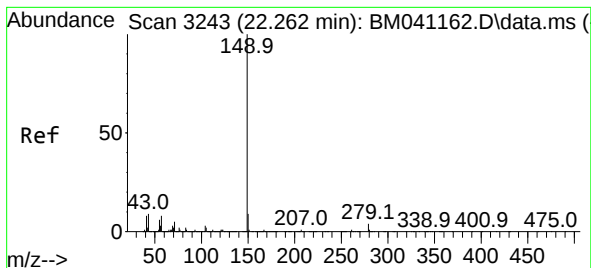


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.004 ng
RT: 21.321 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



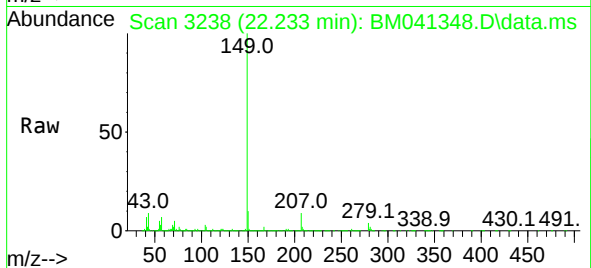
Tgt Ion:149 Resp: 1084471
Ion Ratio Lower Upper
149 100
167 28.0 21.0 31.6
279 4.7 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 53.932 ng
RT: 22.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

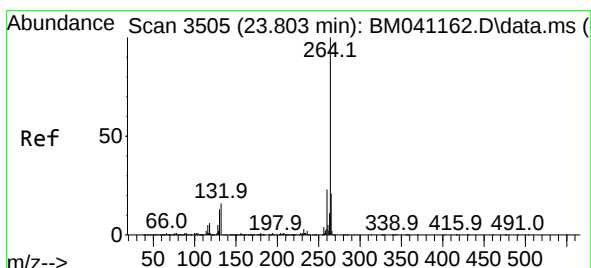
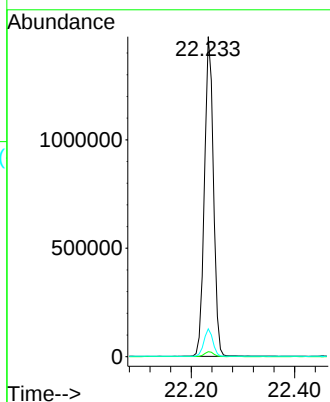
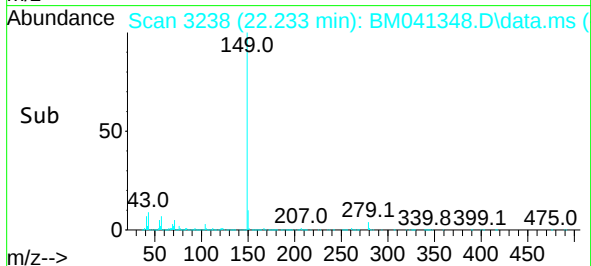
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



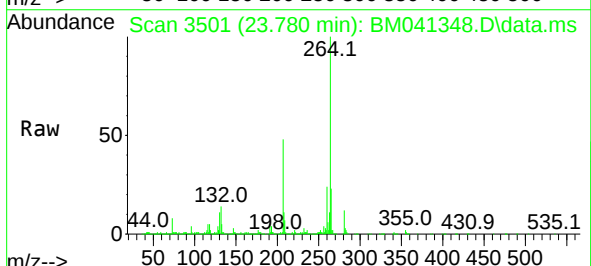
Tgt Ion:149 Resp: 1782234
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 8.3 12.5

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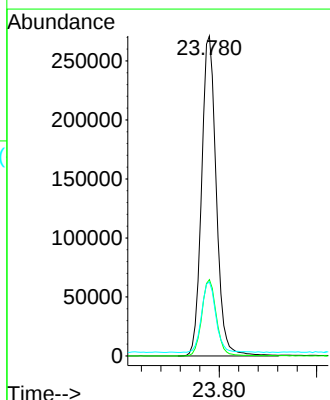
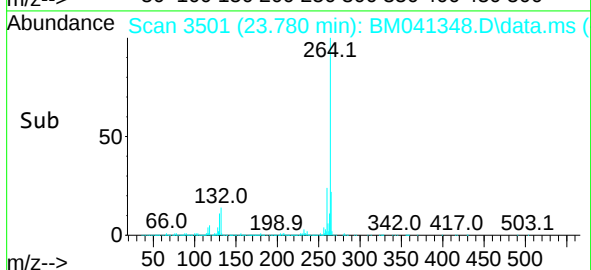
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

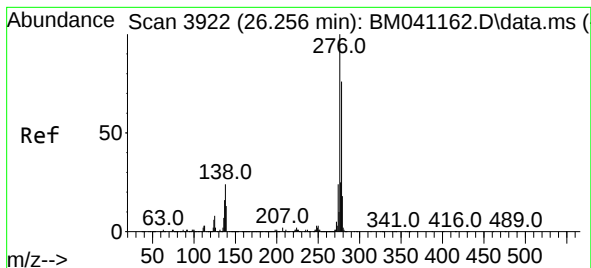


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24



Tgt Ion:264 Resp: 567427
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 23.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.083 ng

RT: 26.233 min Scan# 3918

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD

Tgt Ion: 276 Resp: 2172794

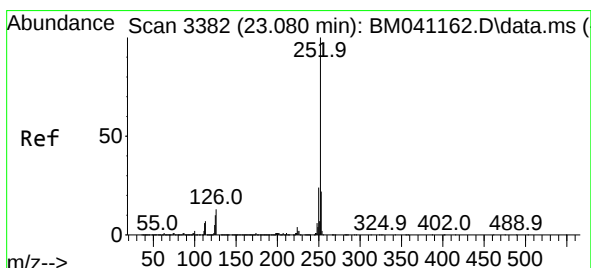
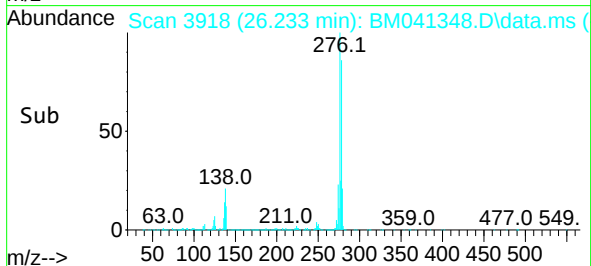
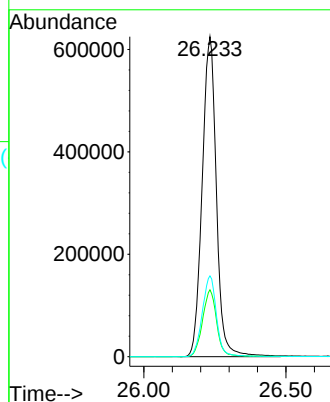
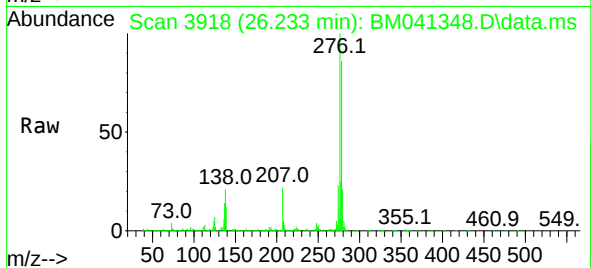
Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.0	30.0
277	25.2	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#88

Benzo(b)fluoranthene

Concen: 51.839 ng

RT: 23.062 min Scan# 3379

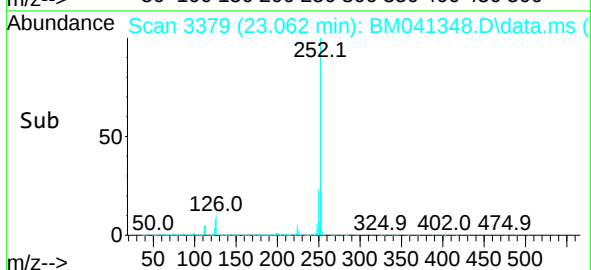
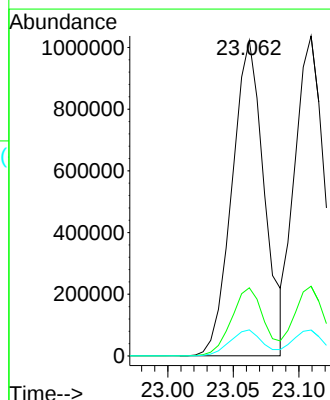
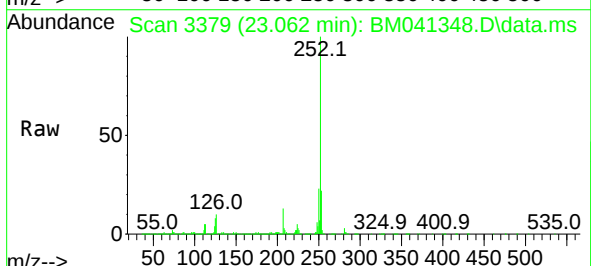
Delta R.T. 0.000 min

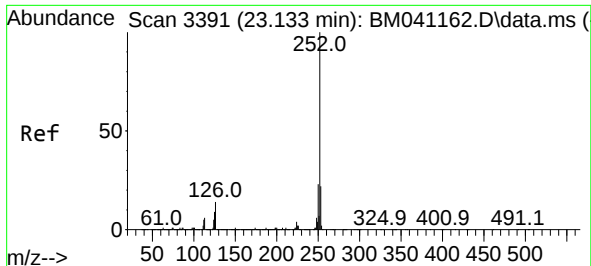
Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Tgt Ion: 252 Resp: 1747437

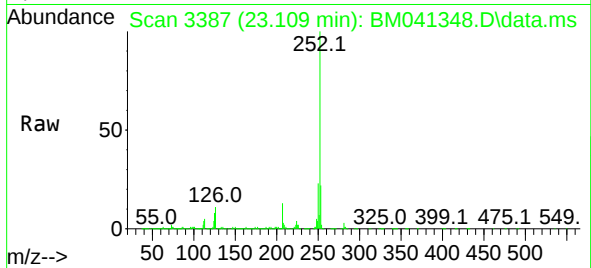
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	8.3	8.2	12.4





#89
Benzo(k)fluoranthene
Concen: 47.538 ng
RT: 23.109 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

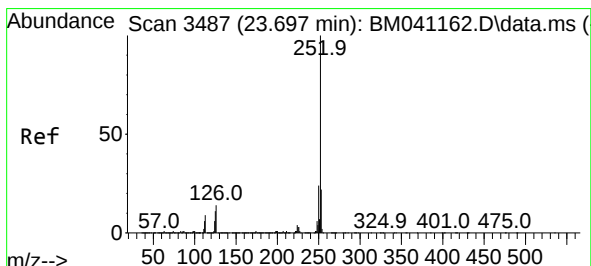
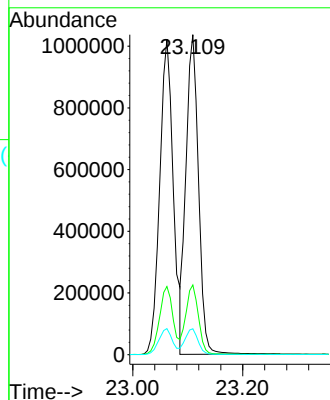
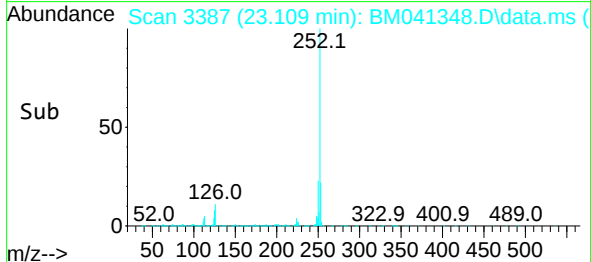
Instrument :
BNA_M
ClientSampleId :
TP-38MSD



Tgt Ion:252 Resp: 163913
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.1 7.6 11.4

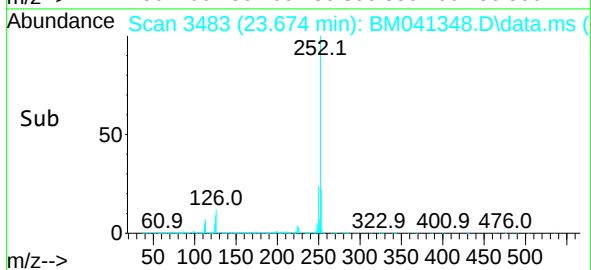
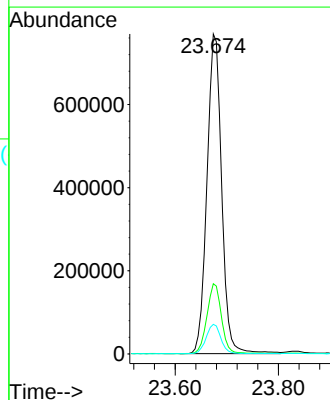
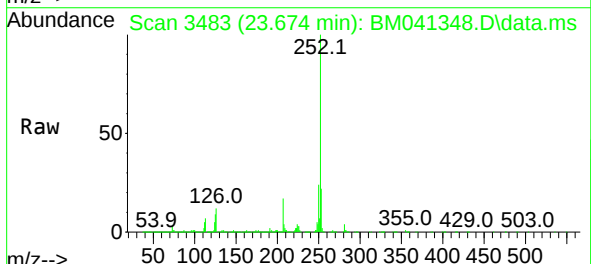
Manual Integrations
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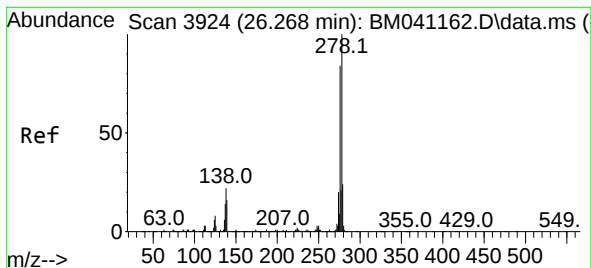
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#90
Benzo(a)pyrene
Concen: 46.850 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM041348.D
Acq: 09 Aug 2023 20:24

Tgt Ion:252 Resp: 1517425
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 52.241 ng

RT: 26.244 min Scan# 3924

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Instrument :

BNA_M

ClientSampleId :

TP-38MSD

Tgt Ion:278 Resp: 1817798

Ion Ratio Lower Upper

278 100

139 12.7 12.7 19.1

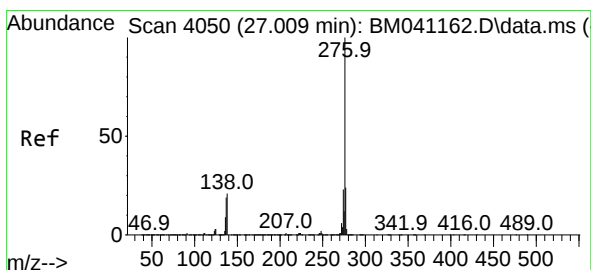
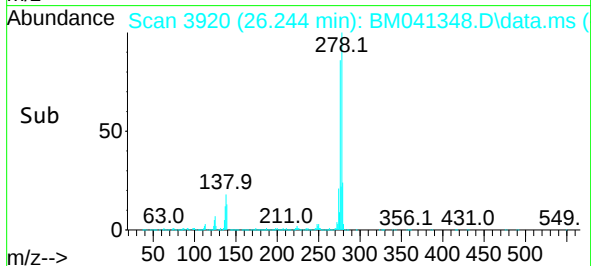
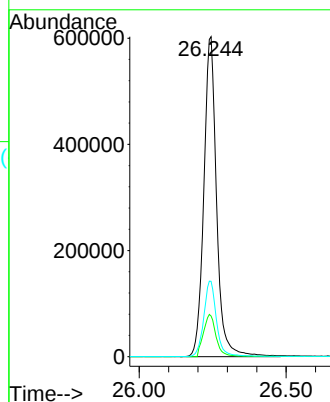
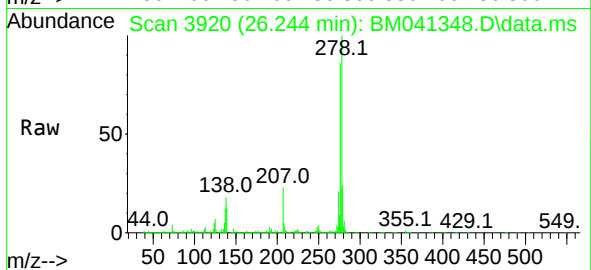
279 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#92

Benzo(g,h,i)perylene

Concen: 49.577 ng

RT: 26.985 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BM041348.D

Acq: 09 Aug 2023 20:24

Tgt Ion:276 Resp: 1688002

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 18.0 17.1 25.7

