

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041389.D
 Acq On : 11 Aug 2023 16:15
 Operator : MA/JU
 Sample : 03954-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-16MS

Quant Time: Aug 11 18:16:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	145895	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	638990	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	426516	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	989366	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1076004	20.000	ng	0.00
86) Perylene-d12	23.774	264	1246687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	921663	94.418	ng	0.00
7) Phenol-d6	6.963	99	1257601	99.389	ng	0.00
23) Nitrobenzene-d5	8.951	82	781769	56.896	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	622997	103.268	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1678117	49.702	ng	0.00
79) Terphenyl-d14	19.845	244	3096229	52.027	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	133470	31.962	ng	99
3) Pyridine	3.652	79	338169	30.799	ng	96
4) n-Nitrosodimethylamine	3.569	42	195079	38.415	ng	96
6) Aniline	7.116	93	465343	31.425	ng	100
8) 2-Chlorophenol	7.340	128	484880	50.881	ng	99
9) Benzaldehyde	6.928	77	231062m	34.607	ng	
10) Phenol	6.987	94	625832	51.209	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	452008	45.692	ng	97
12) 1,3-Dichlorobenzene	7.657	146	477824	46.063	ng	99
13) 1,4-Dichlorobenzene	7.810	146	491714	47.161	ng	99
14) 1,2-Dichlorobenzene	8.122	146	474829	47.497	ng	100
15) Benzyl Alcohol	8.034	79	457101m	57.204	ng	
16) 2,2'-oxybis(1-Chloropr...	8.316	45	564017	42.791	ng	95
17) 2-Methylphenol	8.239	107	423014	50.664	ng	98
18) Hexachloroethane	8.839	117	187912	48.410	ng	94
19) n-Nitroso-di-n-propyla...	8.598	70	400338	52.090	ng	97
20) 3+4-Methylphenols	8.569	107	576550	51.646	ng	98
22) Acetophenone	8.616	105	738692	43.650	ng	99
24) Nitrobenzene	8.998	77	580983	41.811	ng	99
25) Isophorone	9.522	82	1094518	46.926	ng	99
26) 2-Nitrophenol	9.704	139	269028	49.527	ng	97
27) 2,4-Dimethylphenol	9.769	122	433062	45.306	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	645233	44.162	ng	99
29) 2,4-Dichlorophenol	10.239	162	501241	52.000	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	494498	46.432	ng	99
31) Naphthalene	10.633	128	1455345	41.971	ng	99
32) Benzoic acid	9.963	122	363413	50.231	ng	96
33) 4-Chloroaniline	10.769	127	242911	17.529	ng	99
34) Hexachlorobutadiene	10.898	225	311049	48.562	ng	98
35) Caprolactam	11.592	113	162301	58.204	ng	89
36) 4-Chloro-3-methylphenol	11.904	107	533559	52.590	ng	98
37) 2-Methylnaphthalene	12.251	142	1034696	44.261	ng	98
38) 1-Methylnaphthalene	12.475	142	996458	45.542	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	582627	42.069	ng	98
41) Hexachlorocyclopentadiene	12.586	237	595292	81.246	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	422097	47.551	ng	98

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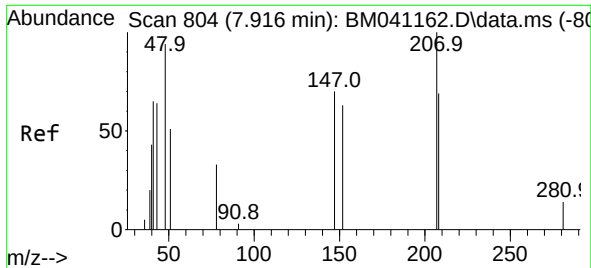
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	459547	44.729	ng	98
46) 1,1'-Biphenyl	13.274	154	1427657	41.289	ng	98
47) 2-Chloronaphthalene	13.316	162	1109014	42.955	ng	99
48) 2-Nitroaniline	13.545	65	373793	45.358	ng	99
49) Acenaphthylene	14.169	152	1853089	44.469	ng	100
50) Dimethylphthalate	13.916	163	1484583	46.273	ng	100
51) 2,6-Dinitrotoluene	14.045	165	327090	49.204	ng	98
52) Acenaphthene	14.510	154	1063711	42.372	ng	99
53) 3-Nitroaniline	14.380	138	274943	36.400	ng	99
54) 2,4-Dinitrophenol	14.598	184	435376	95.745	ng	93
55) Dibenzofuran	14.845	168	1788357	43.662	ng	98
56) 4-Nitrophenol	14.704	139	522024	94.223	ng	94
57) 2,4-Dinitrotoluene	14.845	165	462899	48.718	ng	95
58) Fluorene	15.498	166	1434323	44.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	439226	52.794	ng	96
60) Diethylphthalate	15.280	149	1484319	47.841	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	759765	46.923	ng	97
62) 4-Nitroaniline	15.557	138	293636	41.984	ng	93
63) Azobenzene	15.786	77	1484560	43.682	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	278111	46.402	ng	88
66) n-Nitrosodiphenylamine	15.715	169	1246962	40.525	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	477562	44.025	ng	99
68) Hexachlorobenzene	16.504	284	566978	47.005	ng	95
69) Atrazine	16.680	200	489342	60.557	ng	98
70) Pentachlorophenol	16.857	266	687067	82.259	ng	99
71) Phenanthrene	17.251	178	2331007	42.405	ng	100
72) Anthracene	17.339	178	2363654	43.477	ng	100
73) Carbazole	17.621	167	2176766	44.237	ng	100
74) Di-n-butylphthalate	18.180	149	2772770	49.866	ng	100
75) Fluoranthene	19.274	202	2923331	47.336	ng	99
77) Benzidine	19.480	184	1251418	85.329	ng	99
78) Pyrene	19.639	202	3093440	41.111	ng	99
80) Butylbenzylphthalate	20.545	149	1357171	49.390	ng	98
81) Benzo(a)anthracene	21.397	228	3265807	44.771	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	1046384	43.961	ng	99
83) Chrysene	21.450	228	2991634	42.402	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	2056964	47.183	ng	# 97
85) Di-n-octyl phthalate	22.233	149	3695932	53.219	ng	96
87) Indeno(1,2,3-cd)pyrene	26.227	276	3706368	40.437	ng	96
88) Benzo(b)fluoranthene	23.062	252	3444825	46.513	ng	# 98
89) Benzo(k)fluoranthene	23.109	252	3266632	43.120	ng	98
90) Benzo(a)pyrene	23.674	252	3006473	42.248	ng	# 98
91) Dibenzo(a,h)anthracene	26.238	278	3143617	41.120	ng	97
92) Benzo(g,h,i)perylene	26.985	276	2834518	37.892	ng	96

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



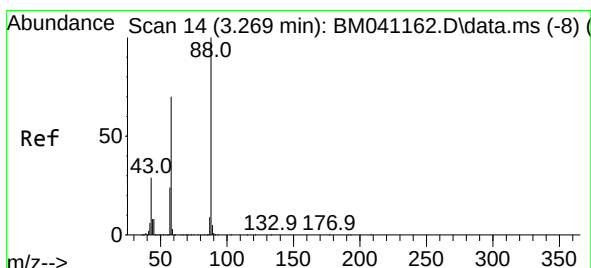
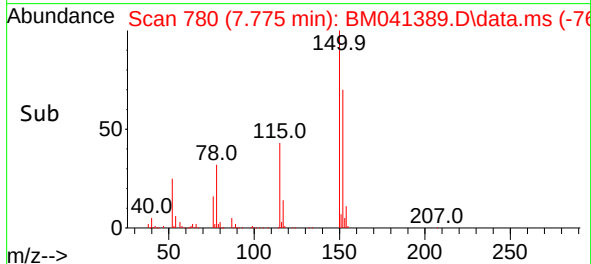
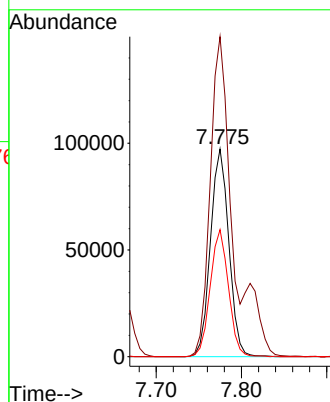
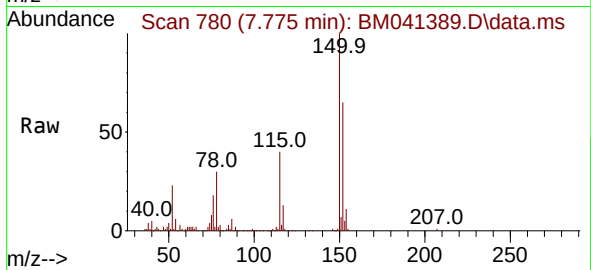
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Tgt Ion:152 Resp: 14589
Ion Ratio Lower Upper
152 100
150 154.0 125.5 188.3
115 61.2 48.0 72.0

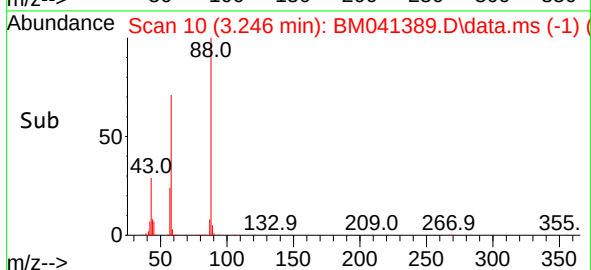
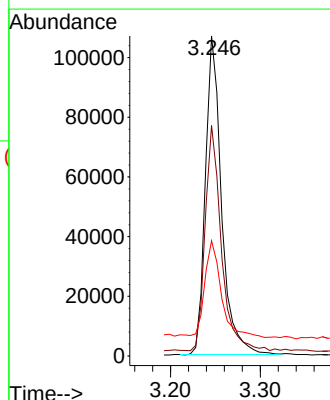
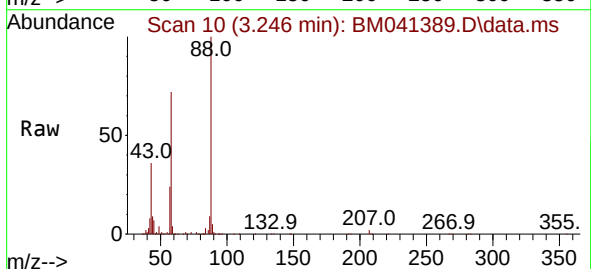
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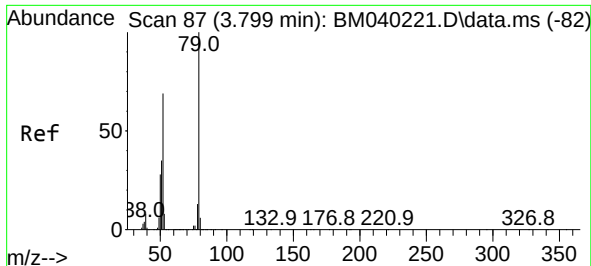
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#2
1,4-Dioxane
Concen: 31.962 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

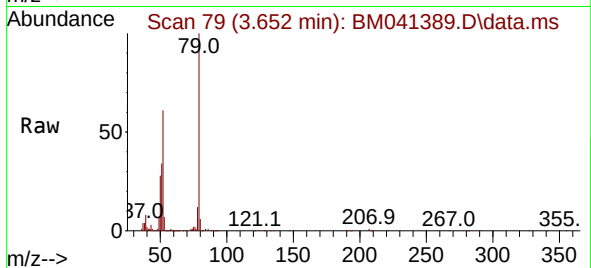
Tgt Ion: 88 Resp: 133470
Ion Ratio Lower Upper
88 100
58 72.3 58.2 87.4
43 30.9 24.4 36.6





#3
 Pyridine
 Concen: 30.799 ng
 RT: 3.652 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15

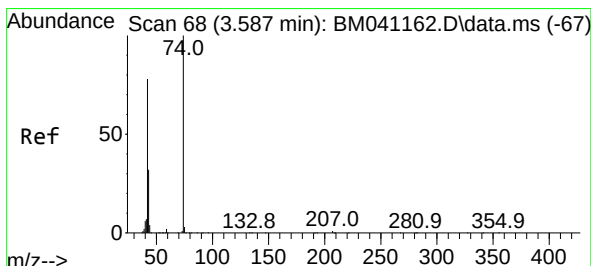
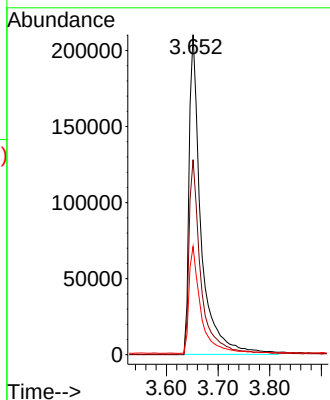
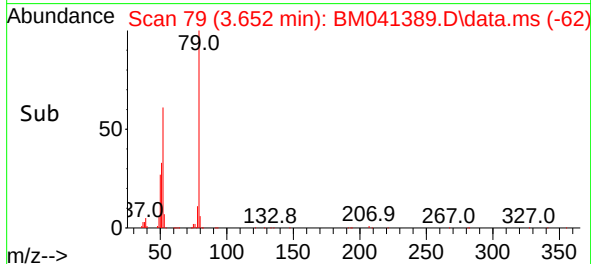
Instrument :
 BNA_M
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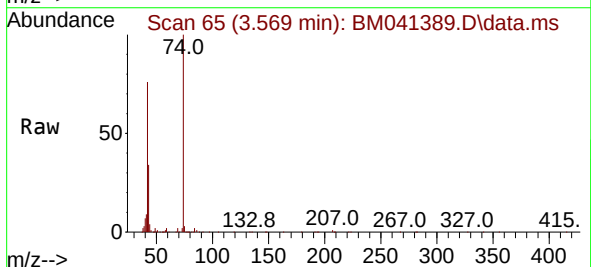
Tgt Ion: 79 Resp: 338169
 Ion Ratio Lower Upper
 79 100
 52 61.0 52.1 78.1
 51 33.8 27.5 41.3

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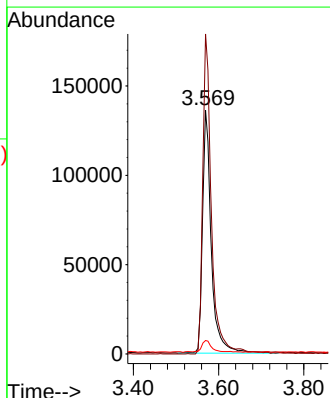
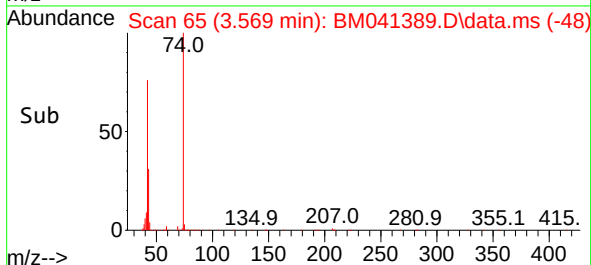
Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

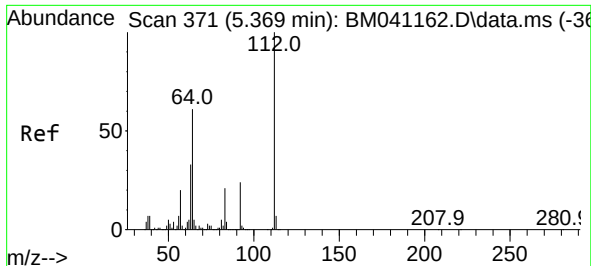


#4
 n-Nitrosodimethylamine
 Concen: 38.415 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.000 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15



Tgt Ion: 42 Resp: 195079
 Ion Ratio Lower Upper
 42 100
 74 131.3 100.8 151.2
 44 5.5 5.0 7.4





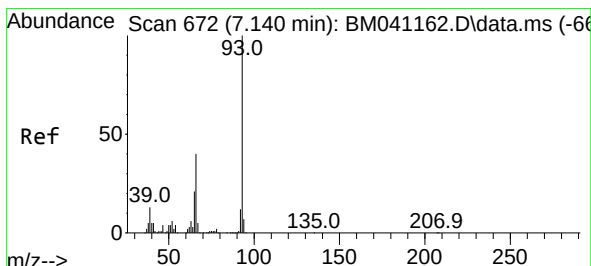
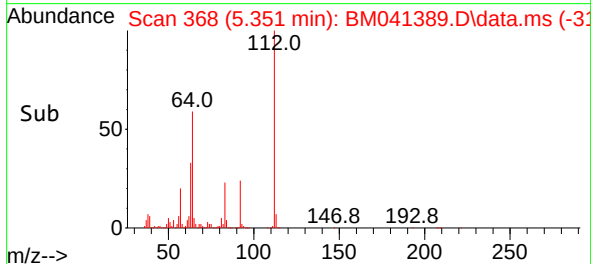
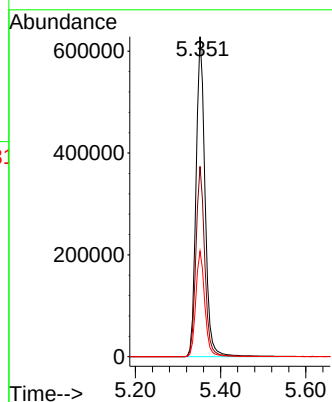
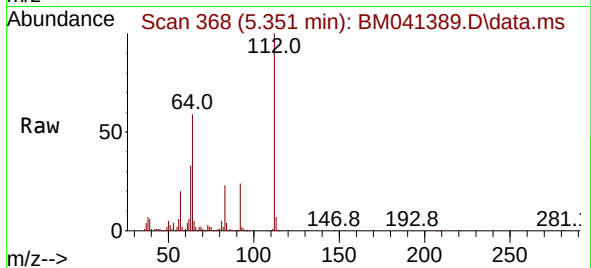
#5
2-Fluorophenol
Concen: 94.418 ng
RT: 5.351 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Tgt Ion:112 Resp: 92166
Ion Ratio Lower Upper
112 100
64 59.4 48.5 72.7
63 32.9 26.5 39.7

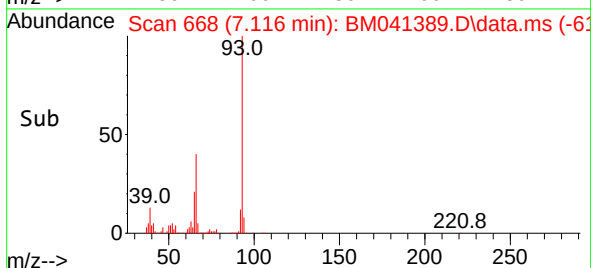
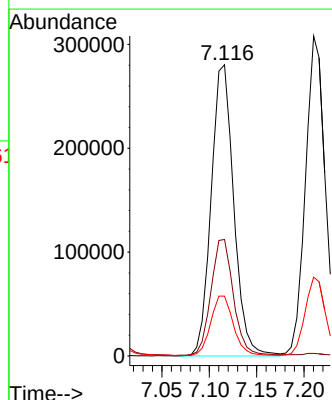
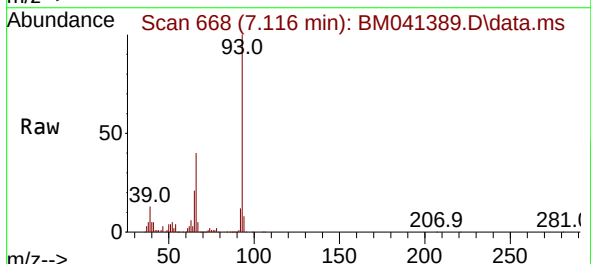
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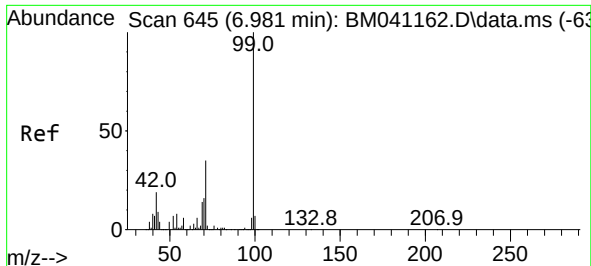
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#6
Aniline
Concen: 31.425 ng
RT: 7.116 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

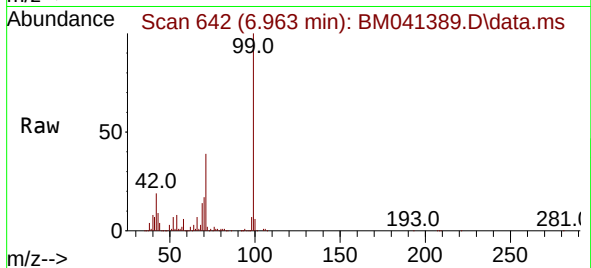
Tgt Ion: 93 Resp: 465343
Ion Ratio Lower Upper
93 100
66 40.0 32.0 48.0
65 20.6 16.6 24.8





#7
Phenol-d6
Concen: 99.389 ng
RT: 6.963 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

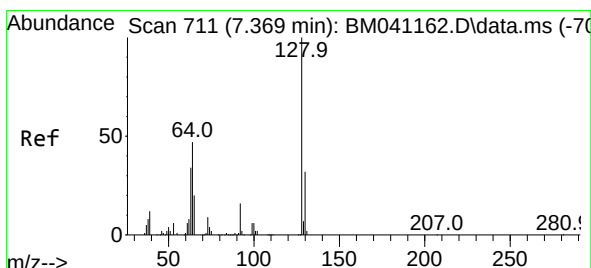
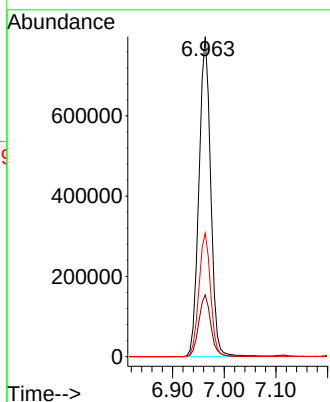
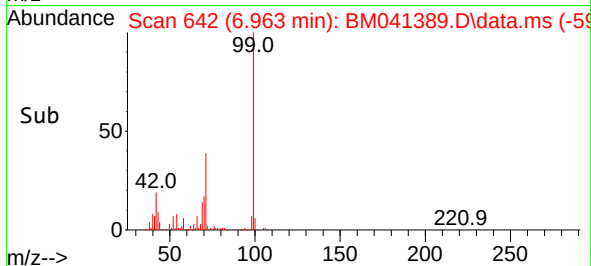
Instrument :
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WC-16MS



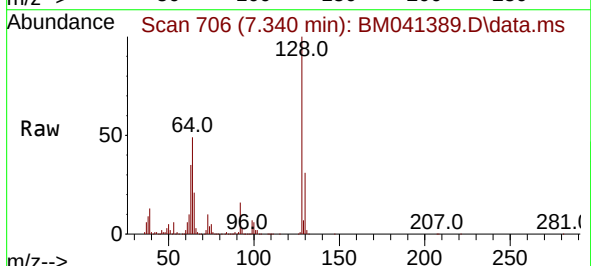
Tgt Ion: 99 Resp: 125760
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.6 28.2 42.4

Manual Integrations
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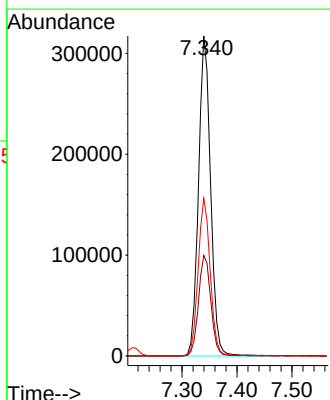
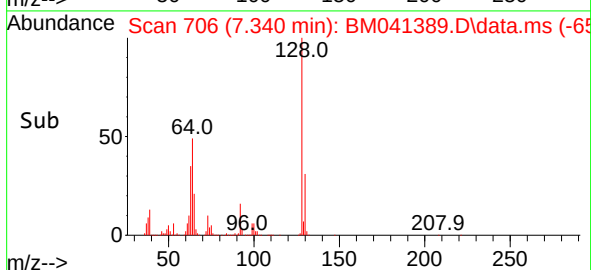
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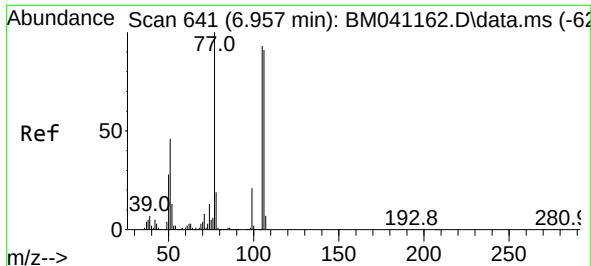


#8
2-Chlorophenol
Concen: 50.881 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



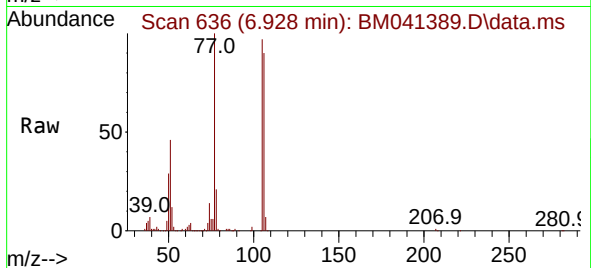
Tgt Ion:128 Resp: 484880
Ion Ratio Lower Upper
128 100
130 31.4 12.3 52.3
64 49.3 29.3 69.3





#9
Benzaldehyde
Concen: 34.607 ng m
RT: 6.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

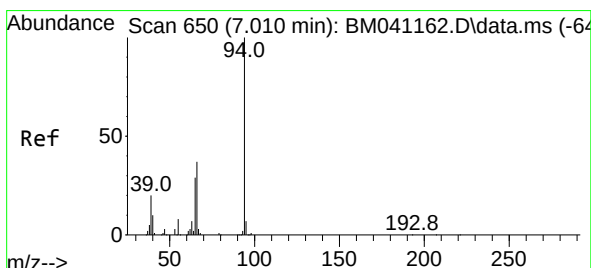
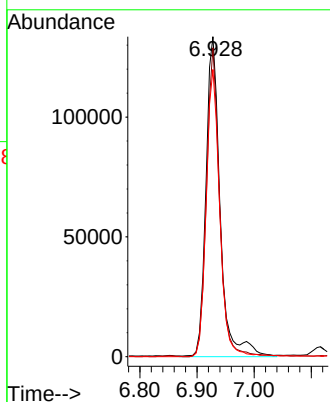
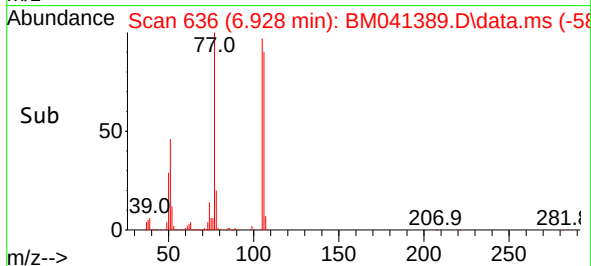
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion: 77 Resp: 231062
Ion Ratio Lower Upper
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105 96.6 72.8 112.8
106 89.8 70.8 110.8

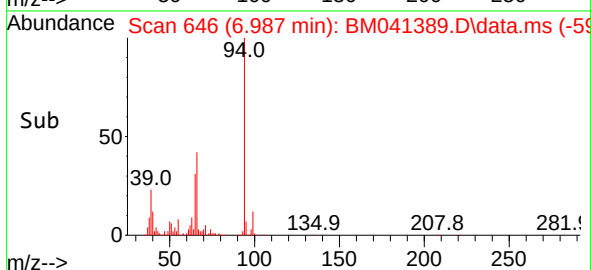
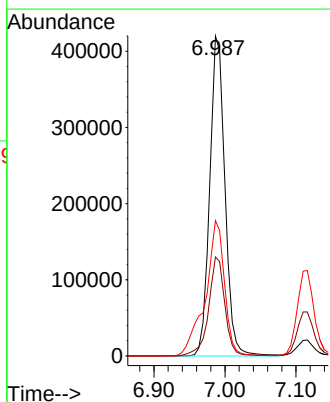
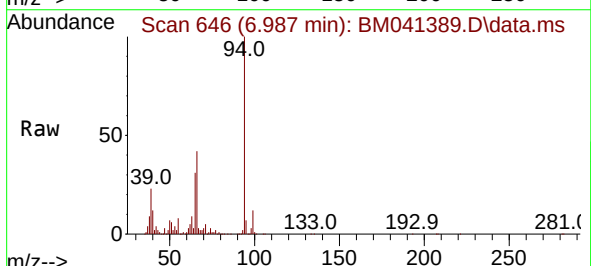
Manual Integrations
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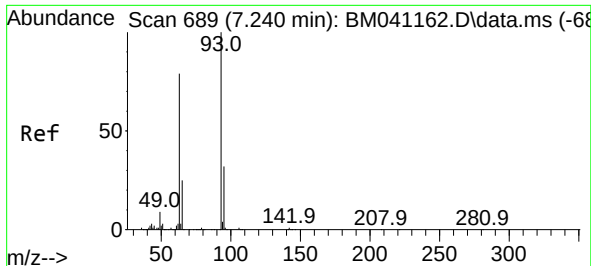
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#10
Phenol
Concen: 51.209 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

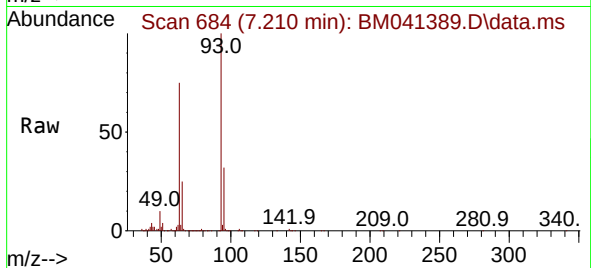
Tgt Ion: 94 Resp: 625832
Ion Ratio Lower Upper
94 100
65 30.9 9.5 49.5
66 42.3 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 45.692 ng
RT: 7.210 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

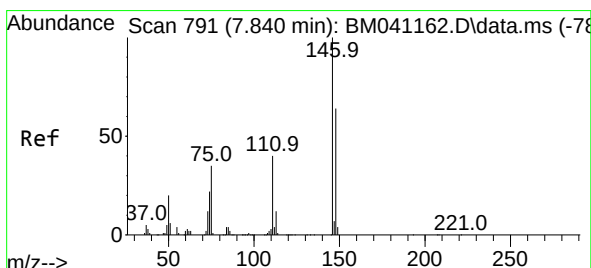
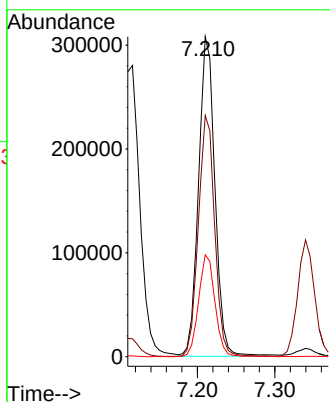
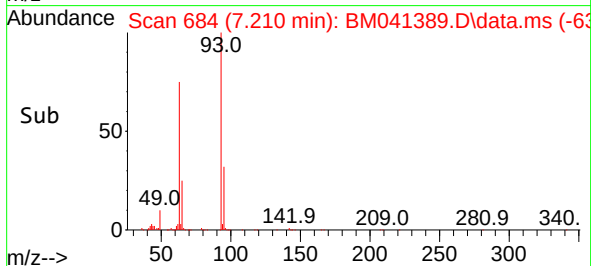
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion: 93 Resp: 452008
Ion Ratio Lower Upper
93 100
63 75.3 58.8 98.8
95 31.9 11.8 51.8

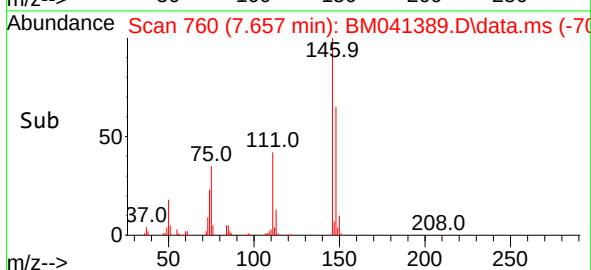
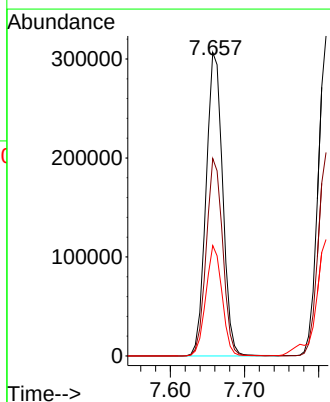
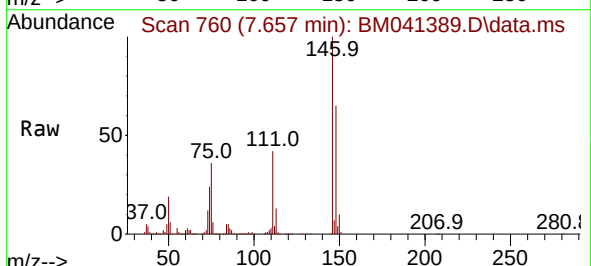
Manual Integrations
APPROVED

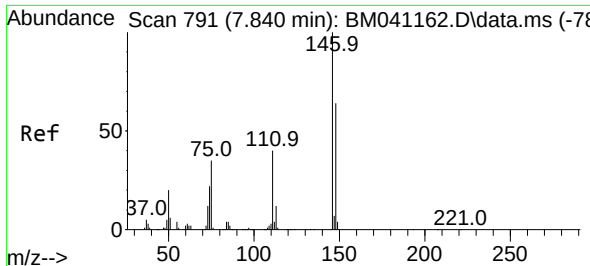
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#12
1,3-Dichlorobenzene
Concen: 46.063 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

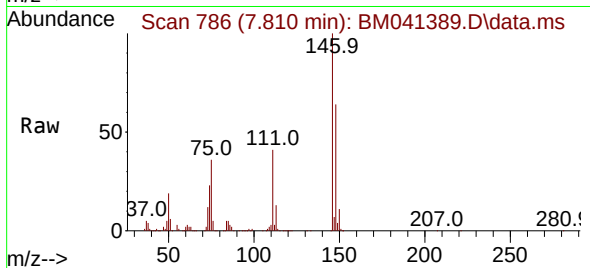
Tgt Ion:146 Resp: 477824
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 36.4 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 47.161 ng
RT: 7.810 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

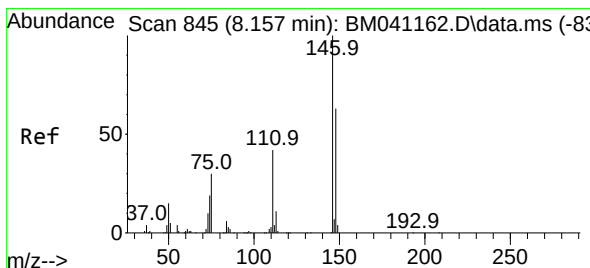
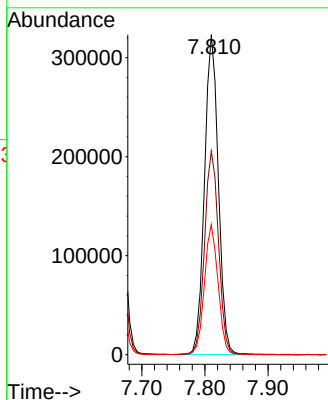
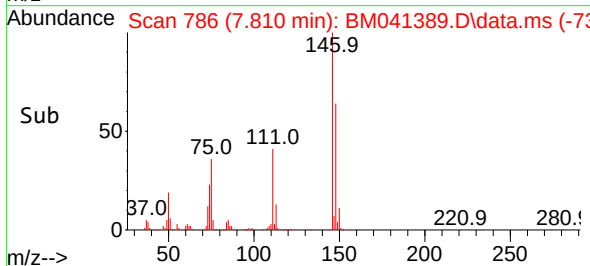
Instrument :
BNA_M
ClientSampleId :
WC-16MS



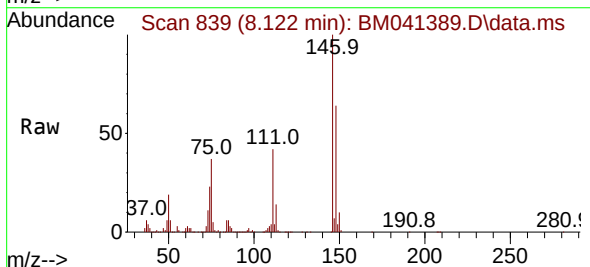
Tgt Ion:146 Resp: 491714
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 40.7 32.4 48.6

Manual Integrations
APPROVED

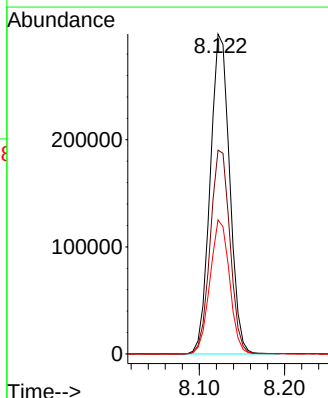
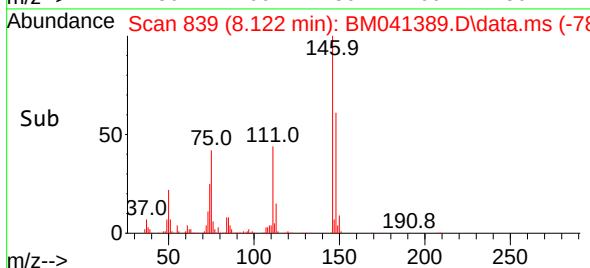
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

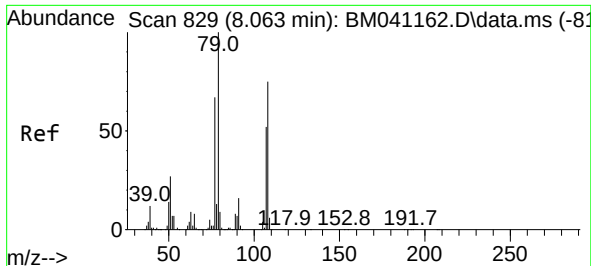


#14
1,2-Dichlorobenzene
Concen: 47.497 ng
RT: 8.122 min Scan# 839
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



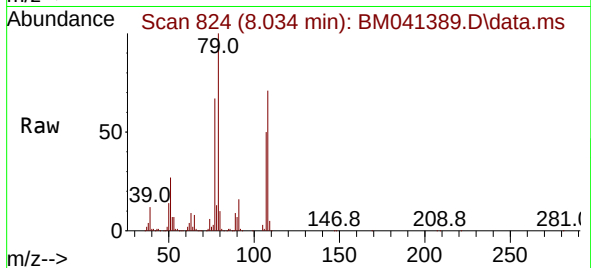
Tgt Ion:146 Resp: 474829
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 41.9 33.8 50.6





#15
Benzyl Alcohol
Concen: 57.204 ng m
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

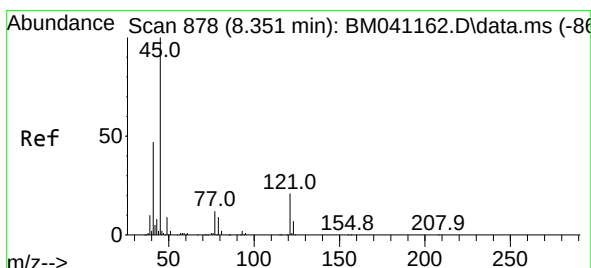
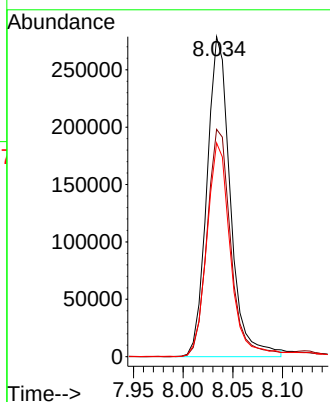
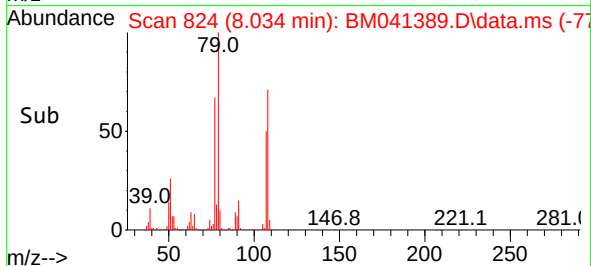
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion: 79 Resp: 45710
Ion Ratio Lower Upper
79 100
108 71.1 59.8 89.8
77 66.8 53.8 80.6

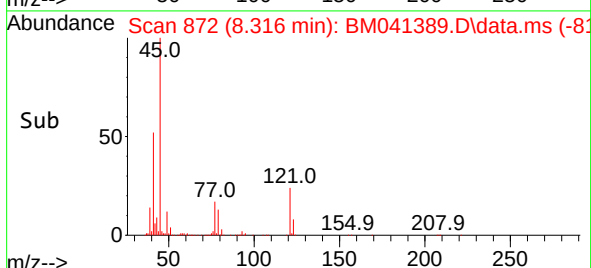
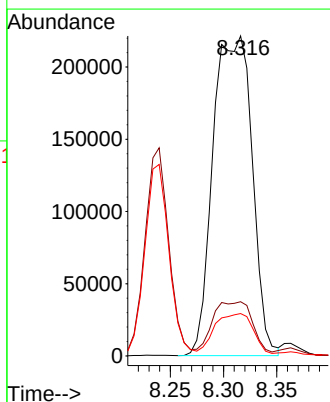
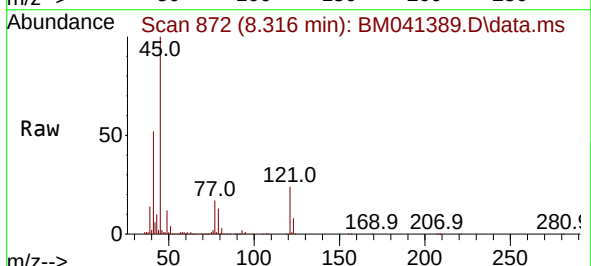
Manual Integrations
APPROVED

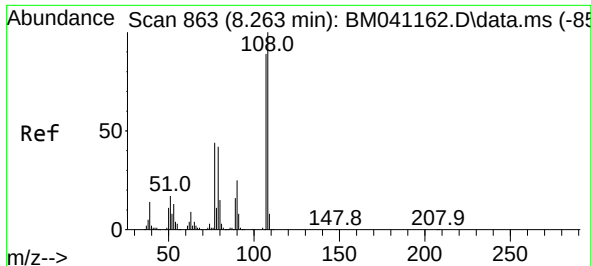
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.791 ng
RT: 8.316 min Scan# 872
Delta R.T. 0.018 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 45 Resp: 564017
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.5
79 13.2 0.0 32.1





#17

2-Methylphenol

Concen: 50.664 ng

RT: 8.239 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:107 Resp: 423014

Ion Ratio Lower Upper

107 100

108 111.6 89.9 134.9

77 53.5 39.8 59.8

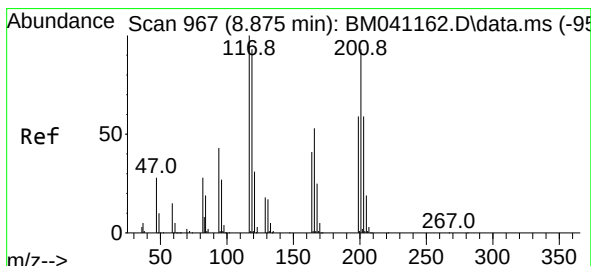
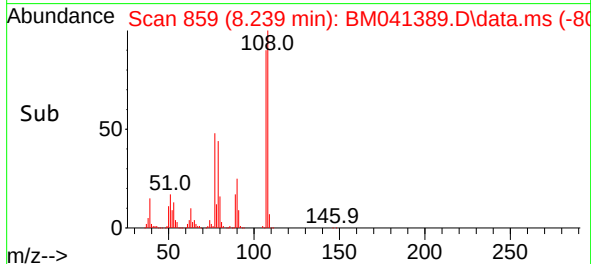
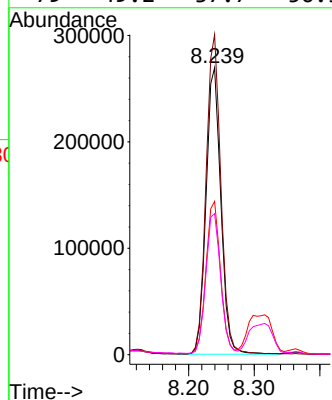
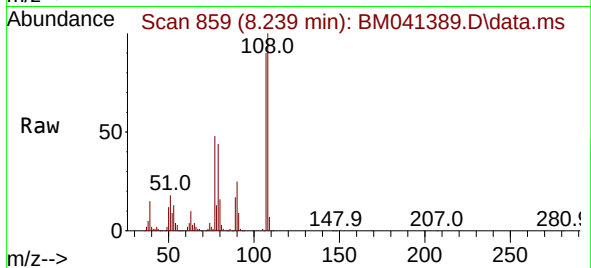
79 49.2 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#18

Hexachloroethane

Concen: 48.410 ng

RT: 8.839 min Scan# 961

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

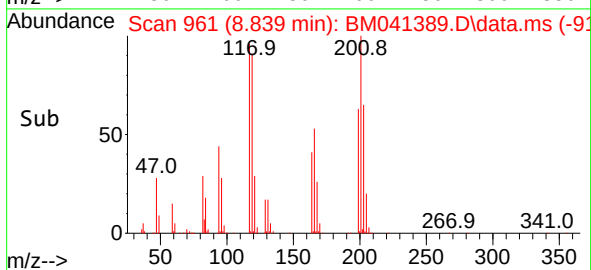
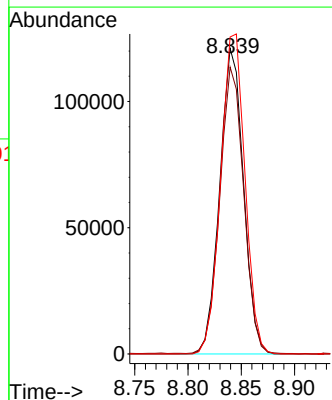
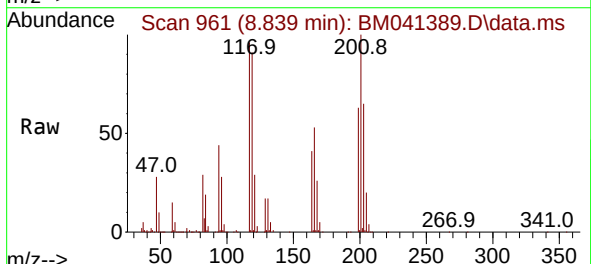
Tgt Ion:117 Resp: 187912

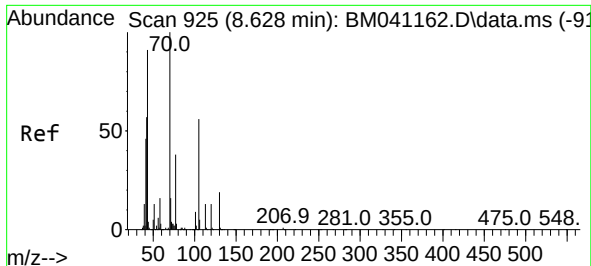
Ion Ratio Lower Upper

117 100

119 93.9 74.2 111.4

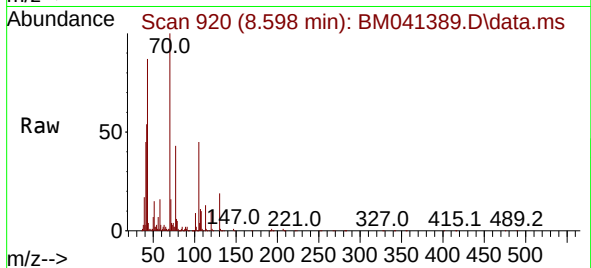
201 103.7 74.5 111.7





#19
n-Nitroso-di-n-propylamine
Concen: 52.090 ng
RT: 8.598 min Scan# 915
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

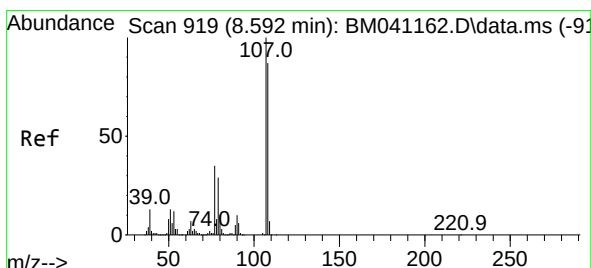
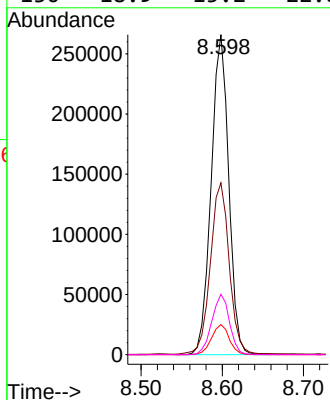
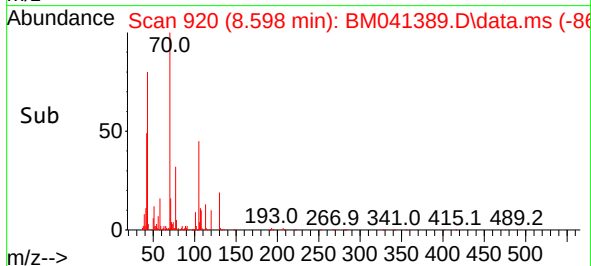
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion: 70 Resp: 400338
Ion Ratio Lower Upper
70 100
42 53.7 45.8 68.8
101 9.4 7.4 11.0
130 18.9 15.2 22.8

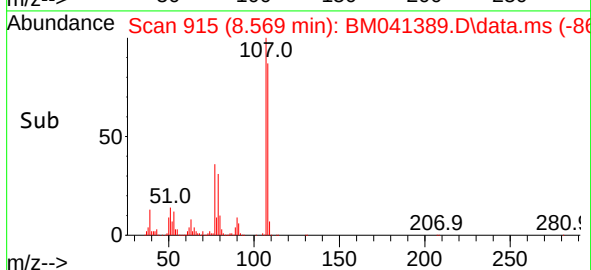
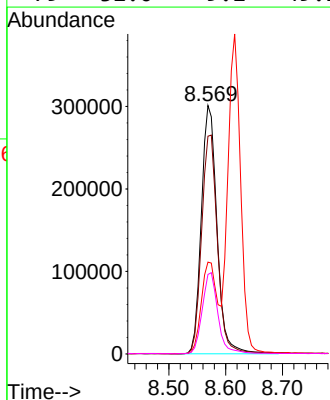
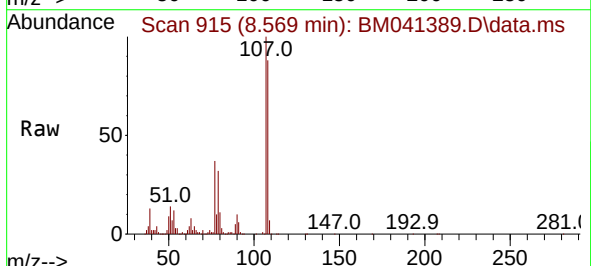
Manual Integrations
APPROVED

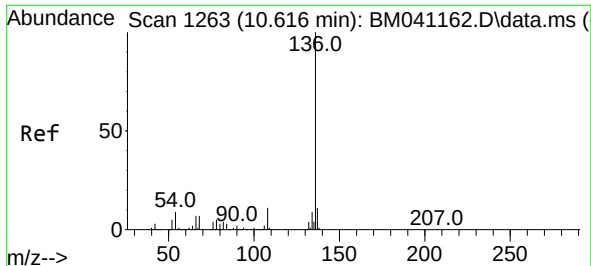
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#20
3+4-Methylphenols
Concen: 51.646 ng
RT: 8.569 min Scan# 915
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

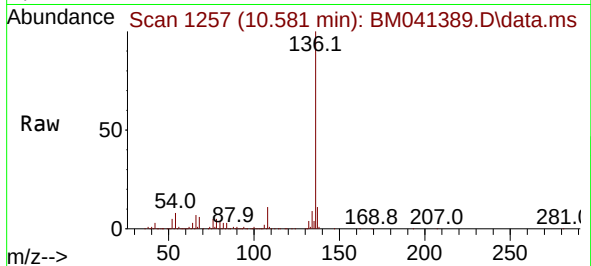
Tgt Ion:107 Resp: 576550
Ion Ratio Lower Upper
107 100
108 87.7 67.2 107.2
77 37.0 15.4 55.4
79 32.0 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

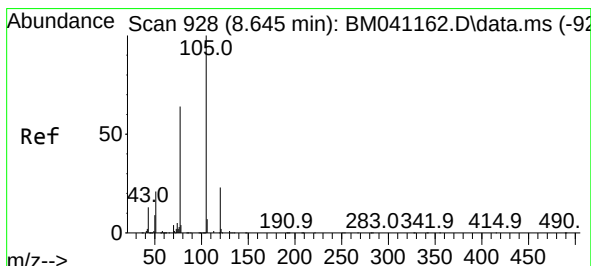
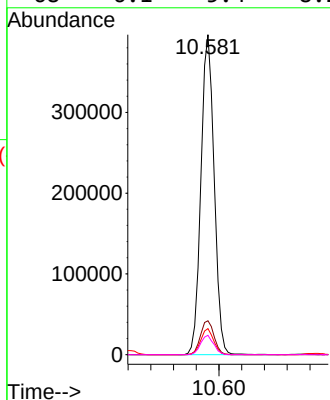
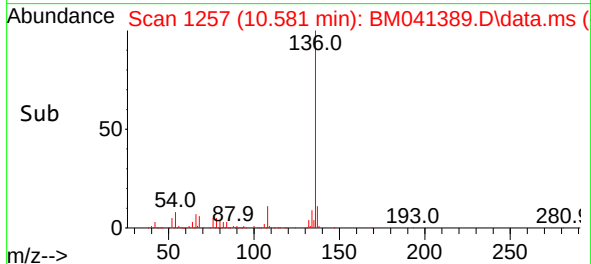
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:136 Resp: 638990
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.2 6.9 10.3
68 6.1 5.4 8.2

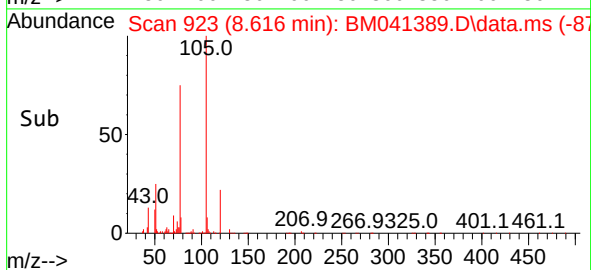
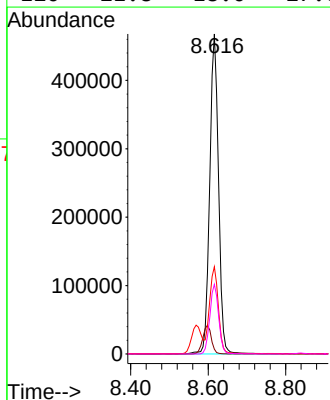
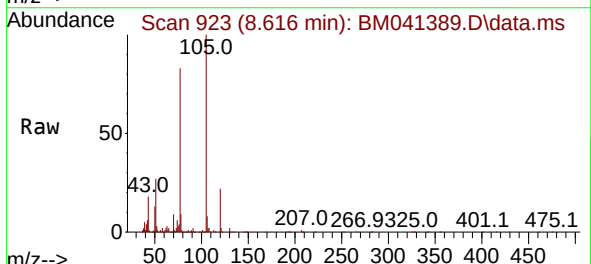
Manual Integrations
APPROVED

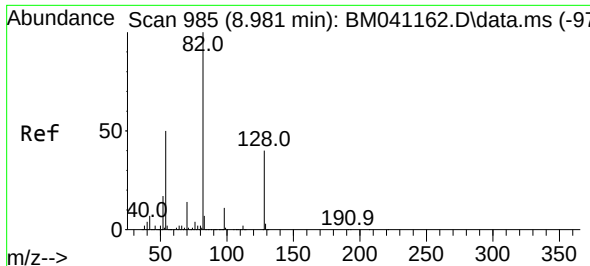
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#22
Acetophenone
Concen: 43.650 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

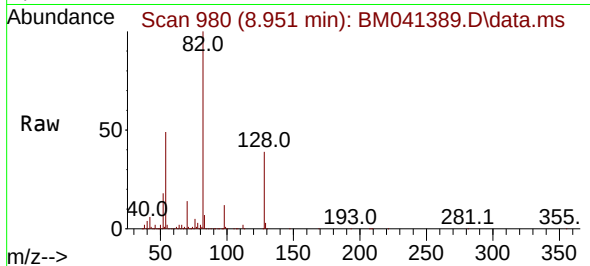
Tgt Ion:105 Resp: 738692
Ion Ratio Lower Upper
105 100
71 1.5 1.2 1.8
51 27.2 22.0 33.0
120 21.8 18.0 27.0





#23
Nitrobenzene-d5
Concen: 56.896 ng
RT: 8.951 min Scan# 980
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

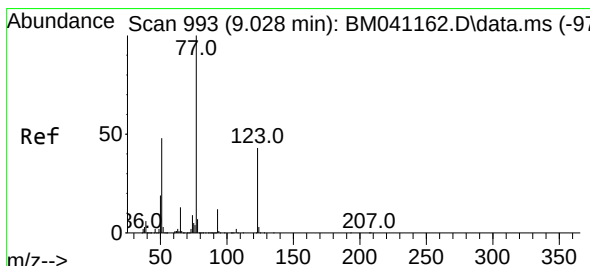
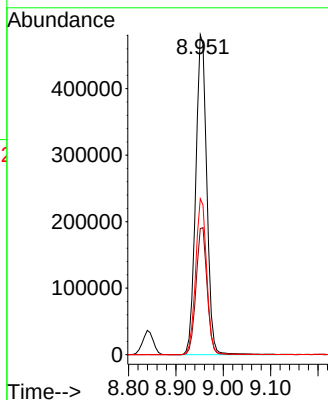
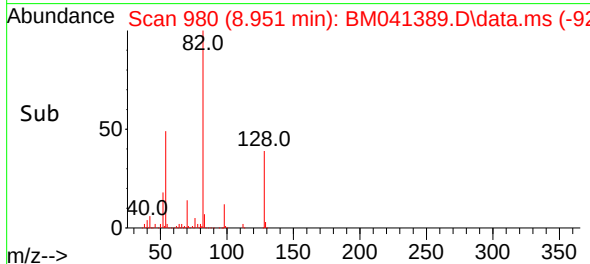
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion: 82 Resp: 781769
Ion Ratio Lower Upper
82 100
128 39.4 31.8 47.6
54 48.8 40.1 60.1

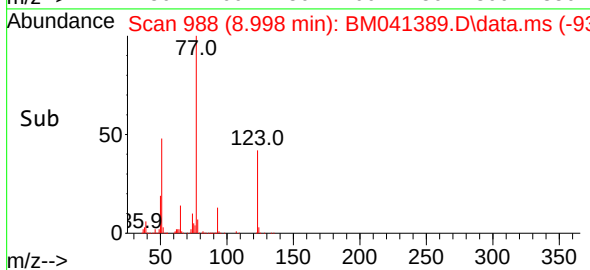
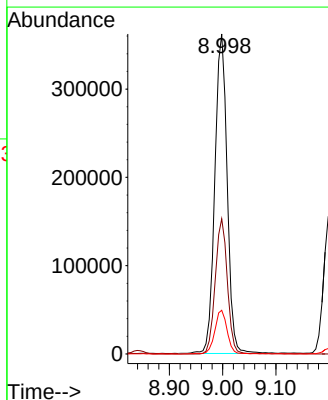
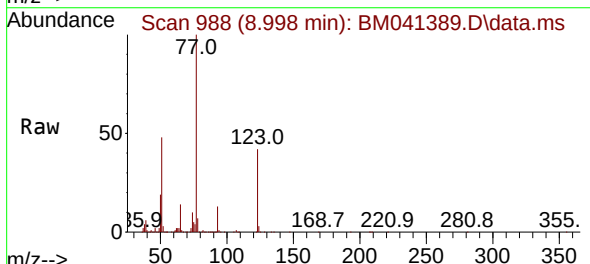
Manual Integrations
APPROVED

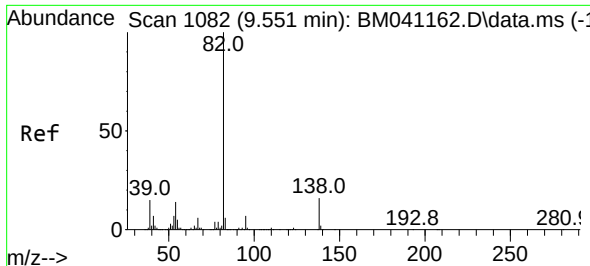
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#24
Nitrobenzene
Concen: 41.811 ng
RT: 8.998 min Scan# 988
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

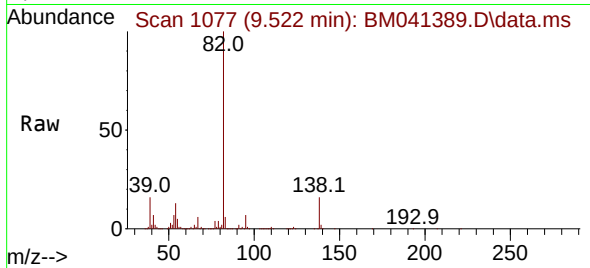
Tgt Ion: 77 Resp: 580983
Ion Ratio Lower Upper
77 100
123 42.2 34.2 51.2
65 13.6 10.7 16.1





#25
Isophorone
Concen: 46.926 ng
RT: 9.522 min Scan# 1094518
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

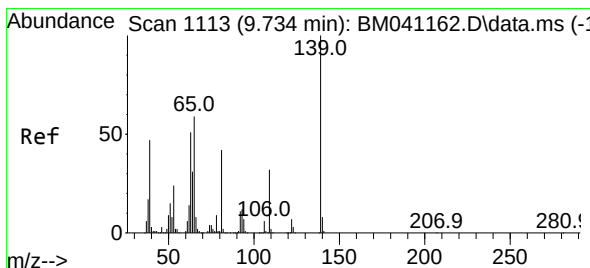
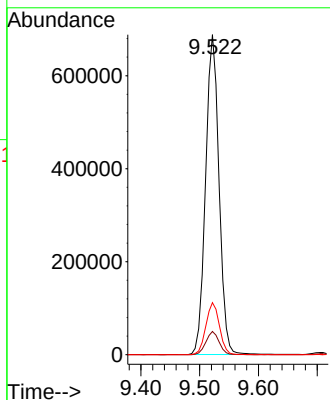
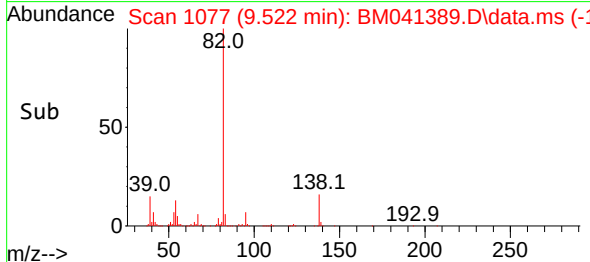
Instrument :
BNA_M
ClientSampleId :
WC-16MS



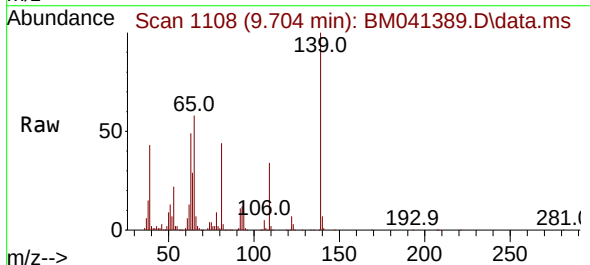
Tgt Ion: 82 Resp: 1094518
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 16.3 12.8 19.2

Manual Integrations
APPROVED

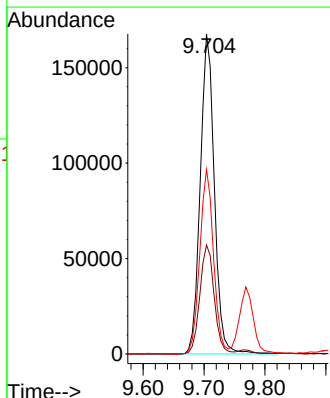
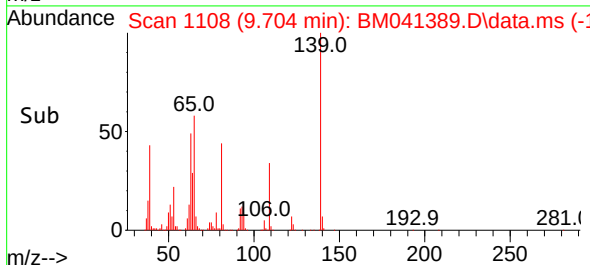
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

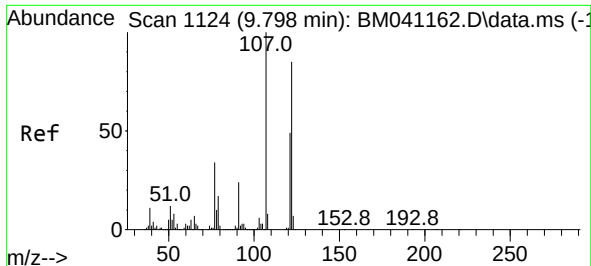


#26
2-Nitrophenol
Concen: 49.527 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



Tgt Ion:139 Resp: 269028
Ion Ratio Lower Upper
139 100
109 34.0 25.4 38.2
65 57.6 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 45.306 ng

RT: 9.769 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BM041389.D

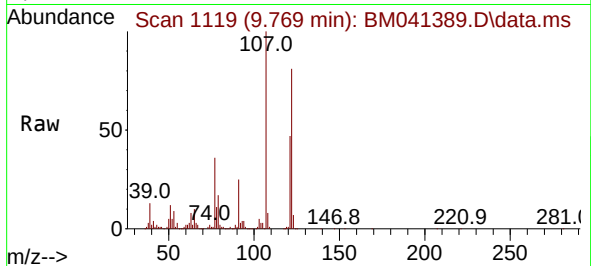
Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS



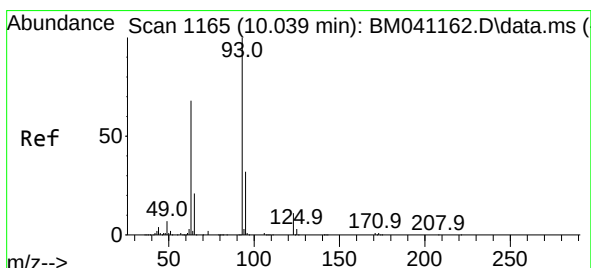
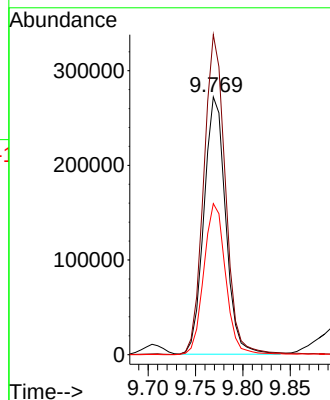
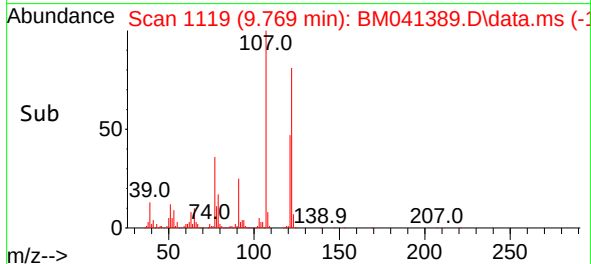
Tgt Ion:	122	Resp:	433062
Ion	Ratio	Lower	Upper
122	100		
107	124.1	94.3	141.5
121	58.6	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.162 ng

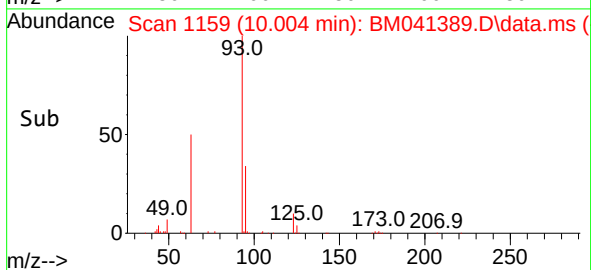
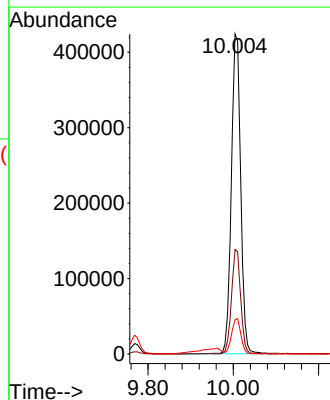
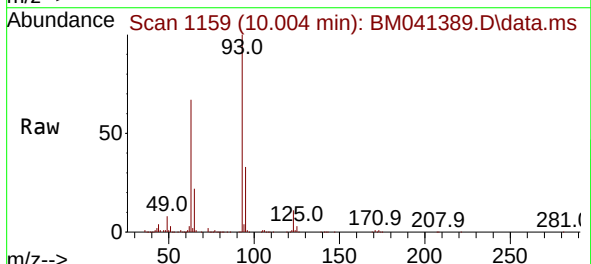
RT: 10.004 min Scan# 1159

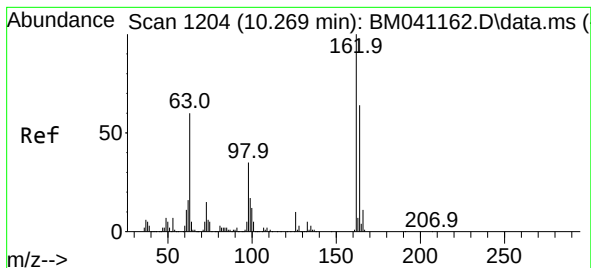
Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

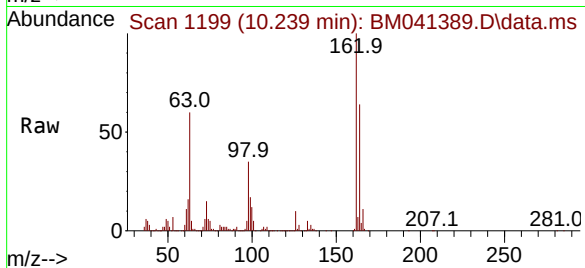
Tgt Ion:	93	Resp:	645233
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.9	38.9
123	10.7	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 52.000 ng
RT: 10.239 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

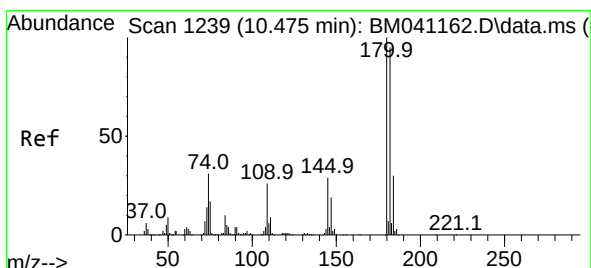
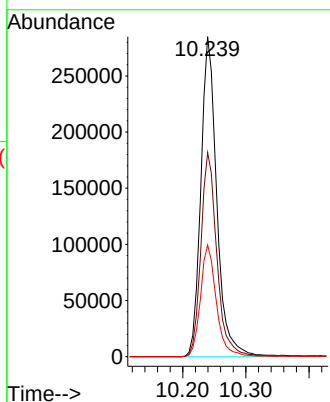
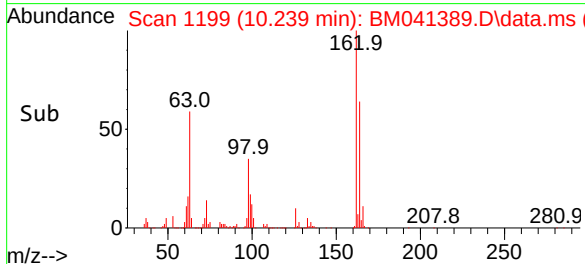
Instrument :
BNA_M
ClientSampleId :
WC-16MS



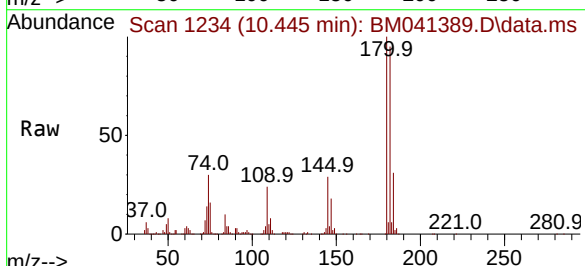
Tgt Ion:162 Resp: 50124
Ion Ratio Lower Upper
162 100
164 63.8 44.3 84.3
98 34.9 15.1 55.1

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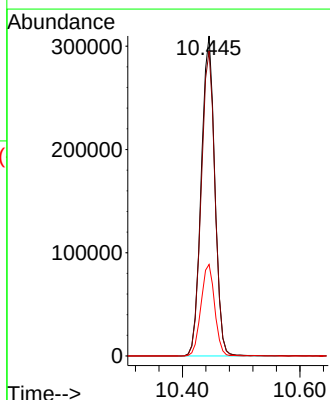
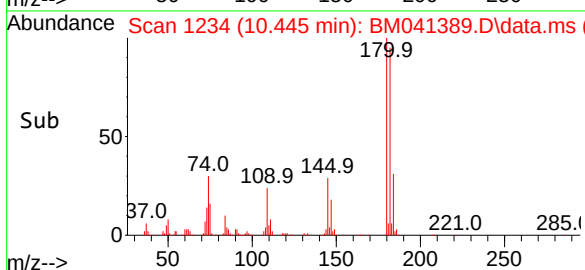
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

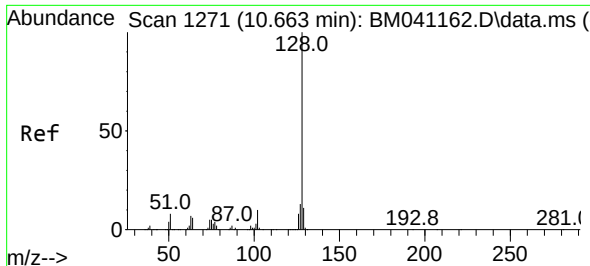


#30
1,2,4-Trichlorobenzene
Concen: 46.432 ng
RT: 10.445 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



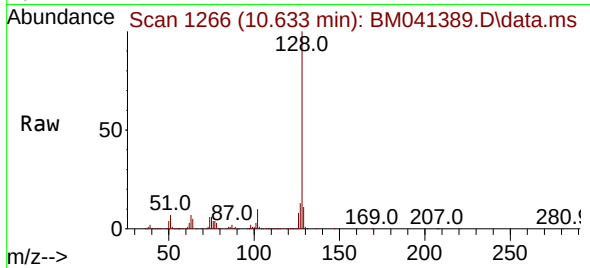
Tgt Ion:180 Resp: 494498
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
145 28.6 23.6 35.4





#31
Naphthalene
Concen: 41.971 ng
RT: 10.633 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

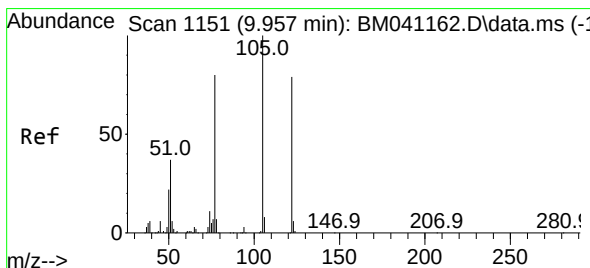
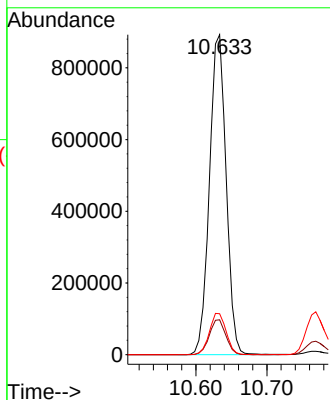
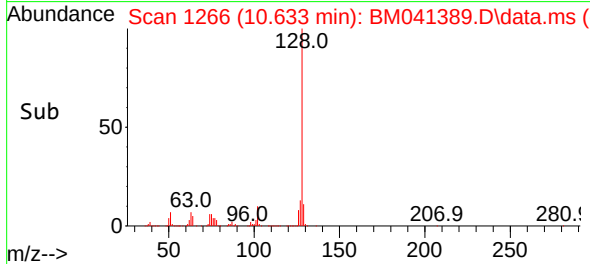
Instrument :
BNA_M
ClientSampleId :
WC-16MS



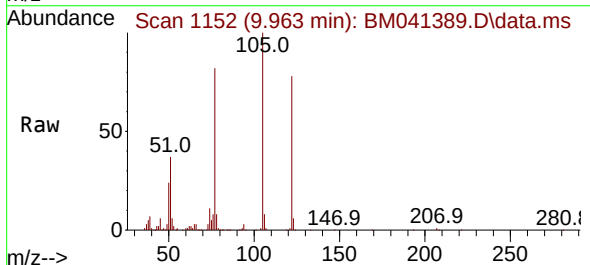
Tgt Ion:128 Resp: 145534
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.8 10.5 15.7

Manual Integrations
APPROVED

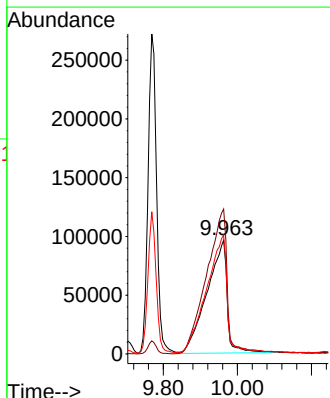
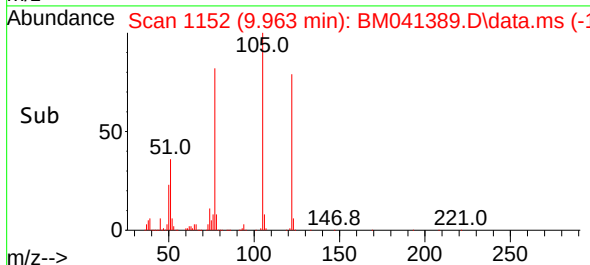
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

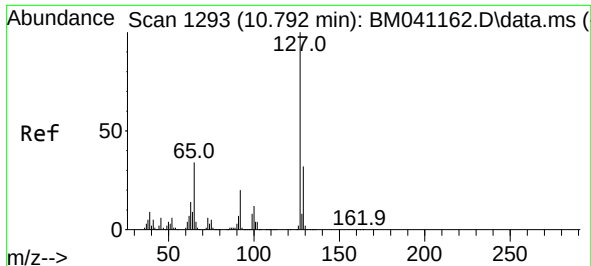


#32
Benzoic acid
Concen: 50.231 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.012 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



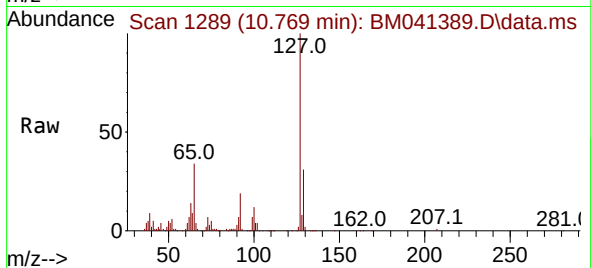
Tgt Ion:122 Resp: 363413
Ion Ratio Lower Upper
122 100
105 127.5 104.0 144.0
77 104.4 79.9 119.9





#33
4-Chloroaniline
Concen: 17.529 ng
RT: 10.769 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

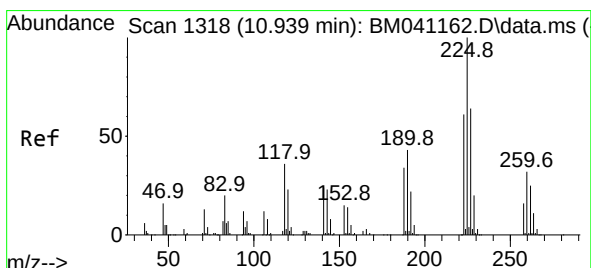
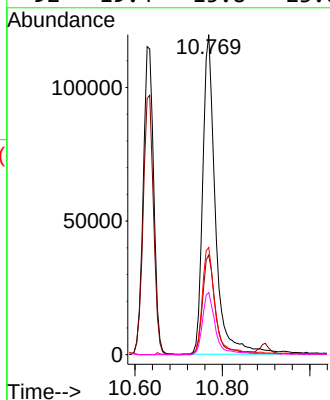
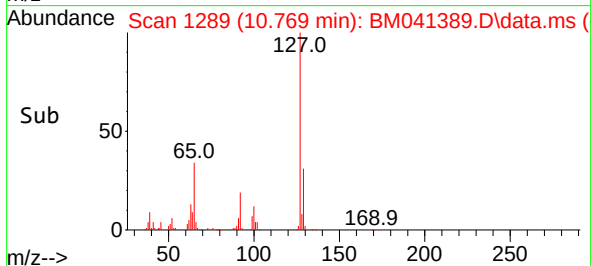
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:	127	Resp:	24291
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.9	38.9
65	33.5	26.9	40.3
92	19.4	15.8	23.6

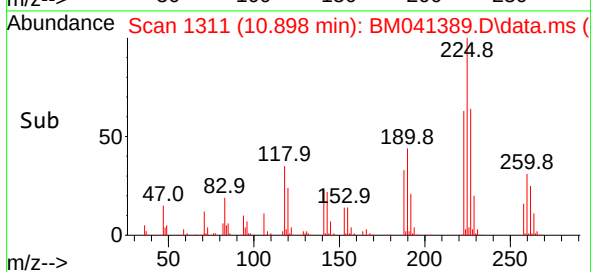
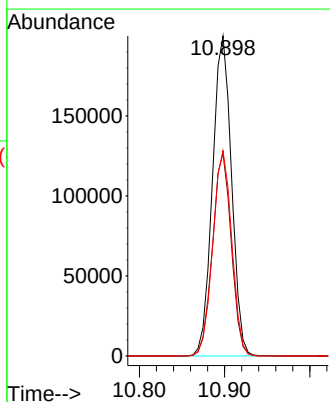
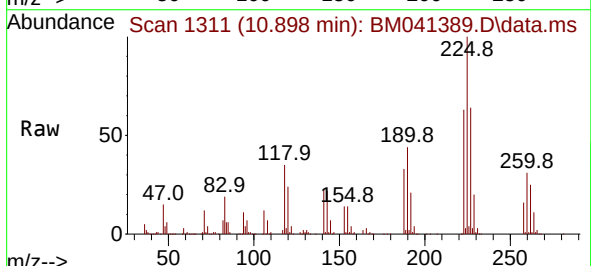
Manual Integrations
APPROVED

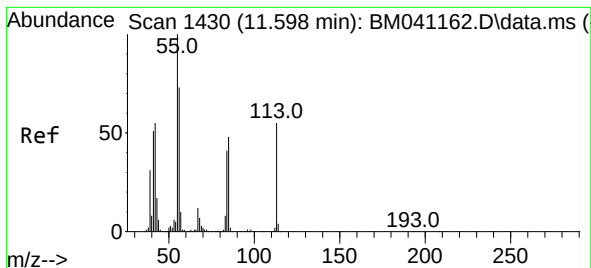
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#34
Hexachlorobutadiene
Concen: 48.562 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

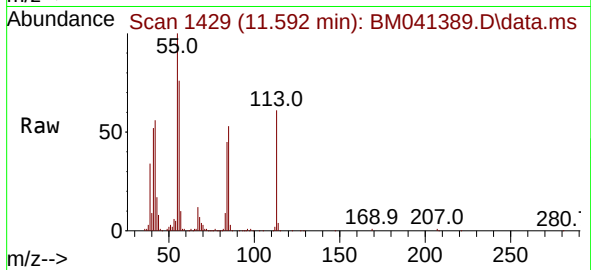
Tgt Ion:	225	Resp:	311049
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.0	73.4
227	64.1	50.8	76.2





#35
 Caprolactam
 Concen: 58.204 ng
 RT: 11.592 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15

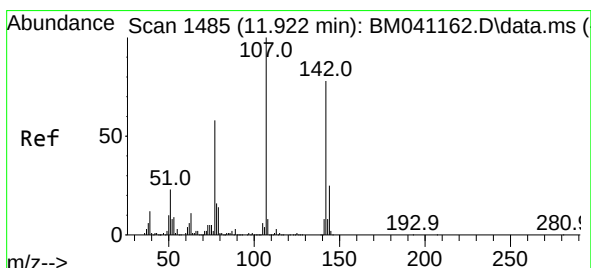
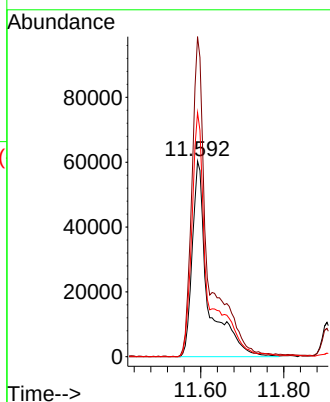
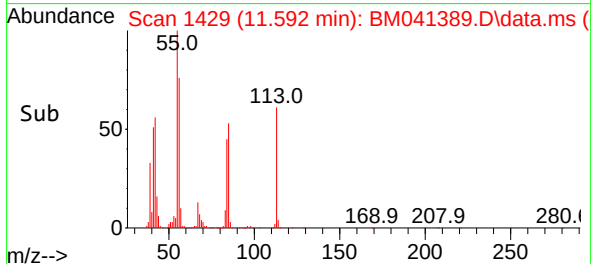
Instrument :
 BNA_M
 ClientSampleId :
 WC-16MS



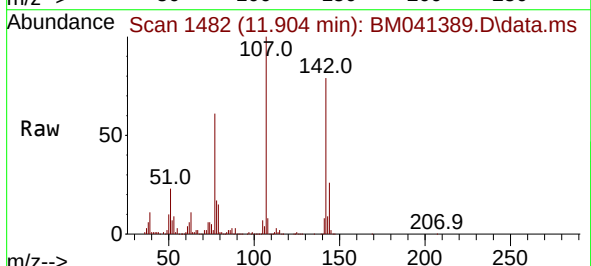
Tgt Ion:113 Resp: 16230
 Ion Ratio Lower Upper
 113 100
 55 163.6 162.5 202.5
 56 124.8 114.1 154.1

Manual Integrations
 APPROVED

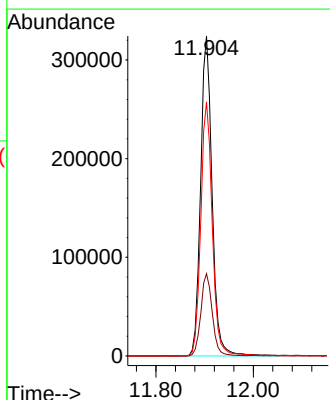
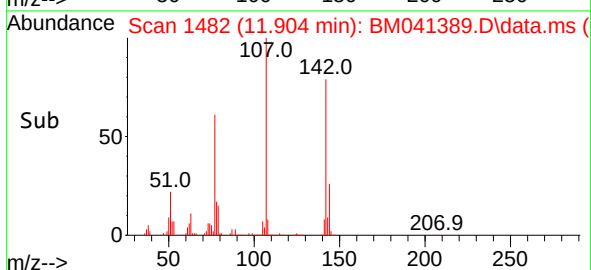
Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

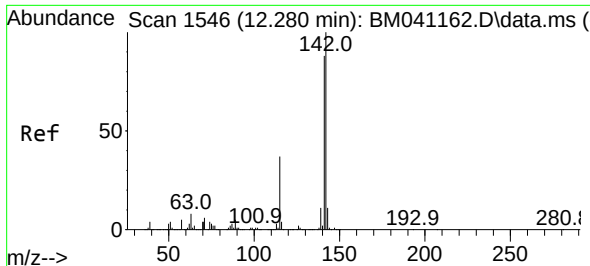


#36
 4-Chloro-3-methylphenol
 Concen: 52.590 ng
 RT: 11.904 min Scan# 1482
 Delta R.T. 0.006 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15



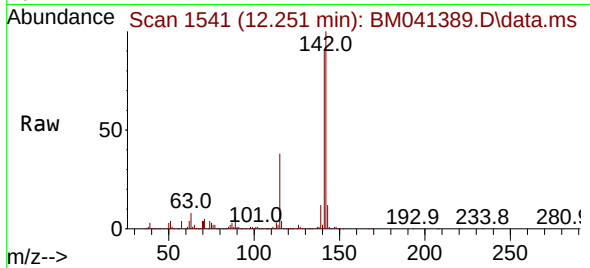
Tgt Ion:107 Resp: 533559
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 79.4 62.2 93.4





#37
2-Methylnaphthalene
Concen: 44.261 ng
RT: 12.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

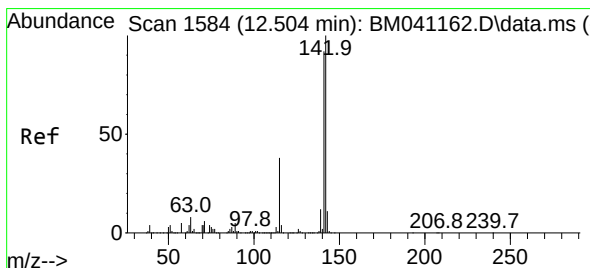
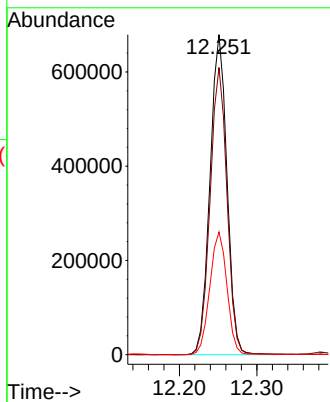
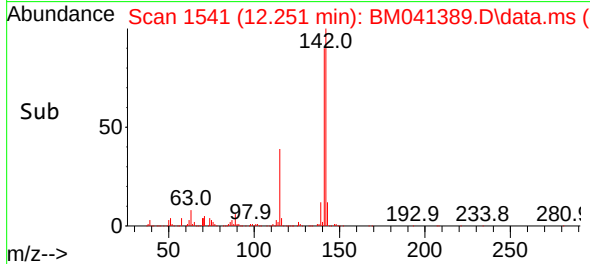
Instrument :
BNA_M
ClientSampleId :
WC-16MS



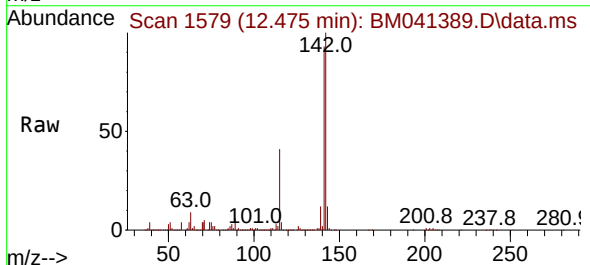
Tgt Ion:142 Resp: 1034690
Ion Ratio Lower Upper
142 100
141 89.8 70.7 106.1
115 38.4 29.3 43.9

Manual Integrations
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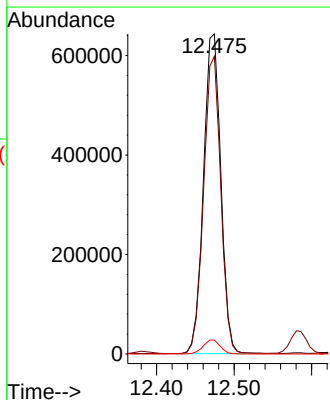
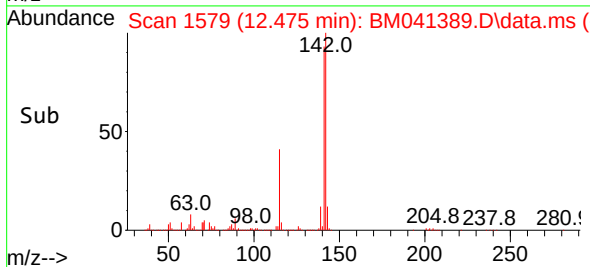
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

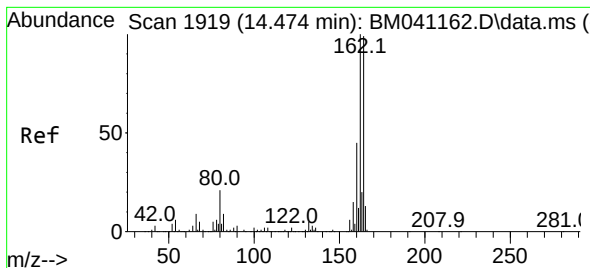


#38
1-Methylnaphthalene
Concen: 45.542 ng
RT: 12.475 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



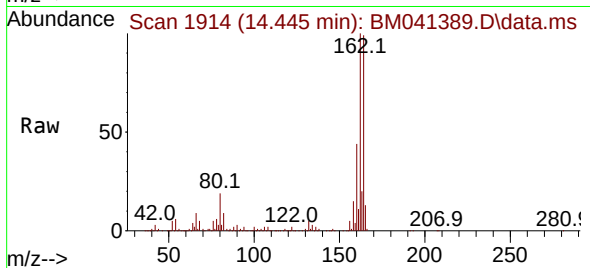
Tgt Ion:142 Resp: 996458
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

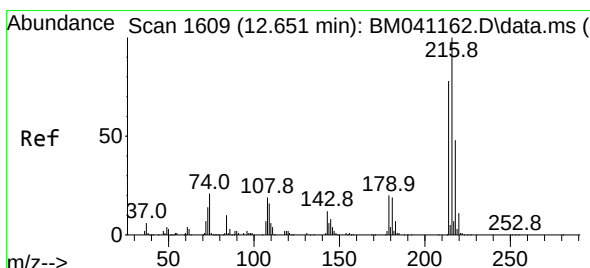
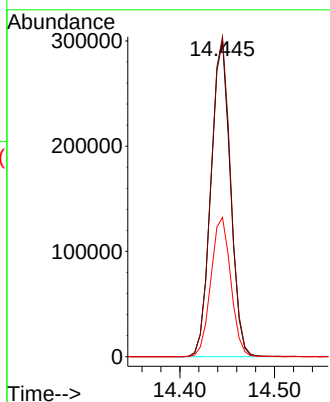
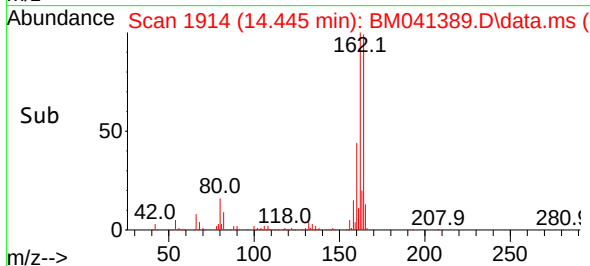
Instrument :
BNA_M
ClientSampleId :
WC-16MS



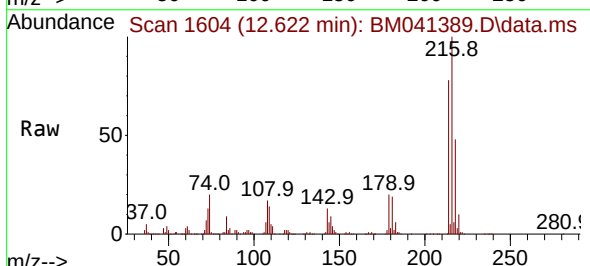
Tgt Ion:164 Resp: 426510
Ion Ratio Lower Upper
164 100
162 101.3 80.4 120.6
160 44.2 36.2 54.2

Manual Integrations
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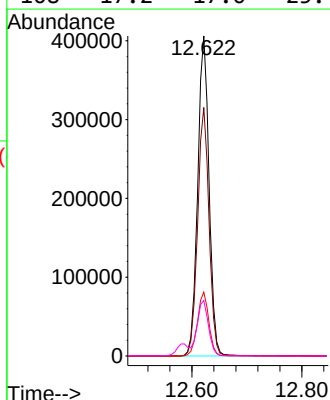
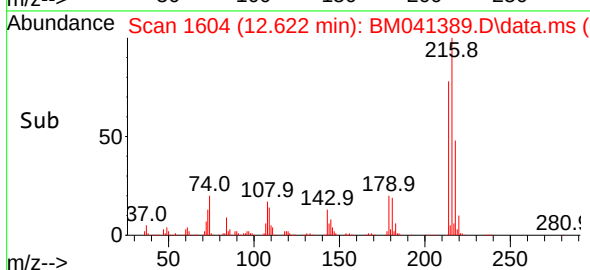
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

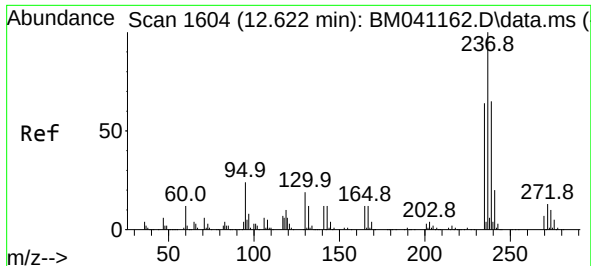


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.069 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



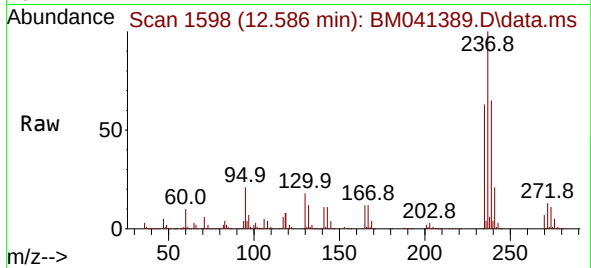
Tgt Ion:216 Resp: 582627
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 20.0 16.2 24.2
108 17.2 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 81.246 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

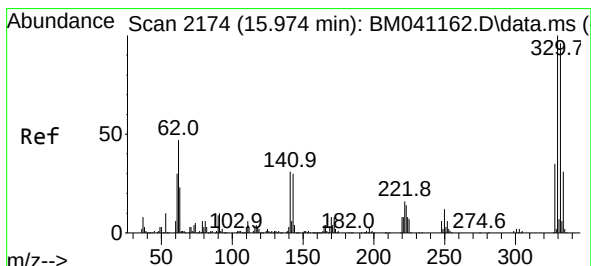
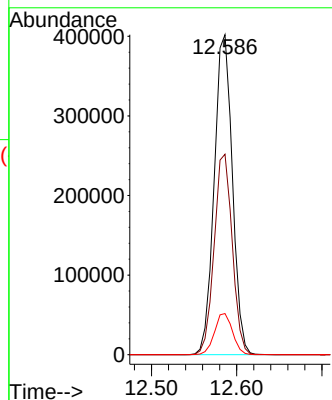
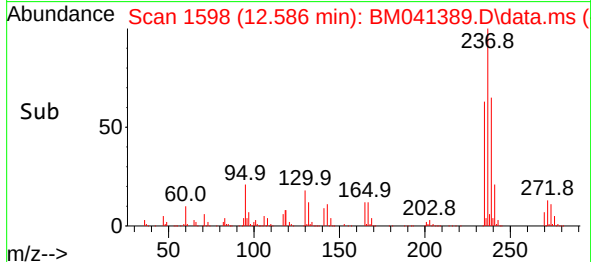
Instrument :
BNA_M
ClientSampleId :
WC-16MS



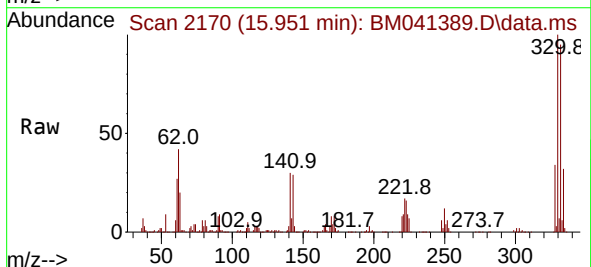
Tgt Ion: 237 Resp: 595292
Ion Ratio Lower Upper
237 100
235 62.7 43.6 83.6
272 12.9 0.0 33.3

Manual Integrations
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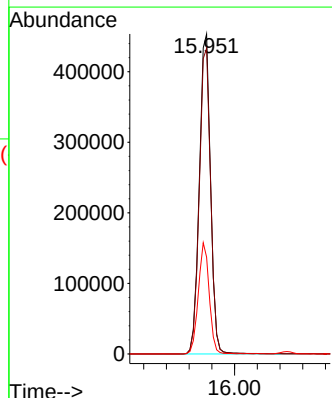
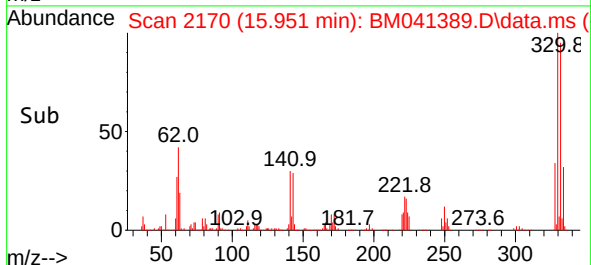
Reviewed By : Yogesh Patel 08/12/2023
Supervised By : mohammad ahmed 08/12/2023

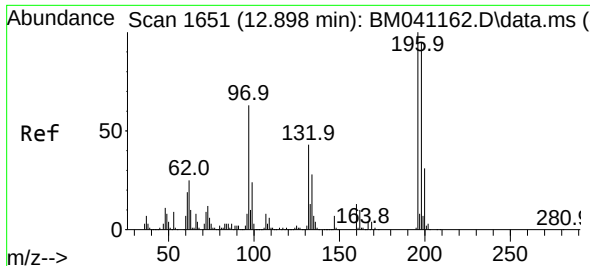


#42
2,4,6-Tribromophenol
Concen: 103.268 ng
RT: 15.951 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



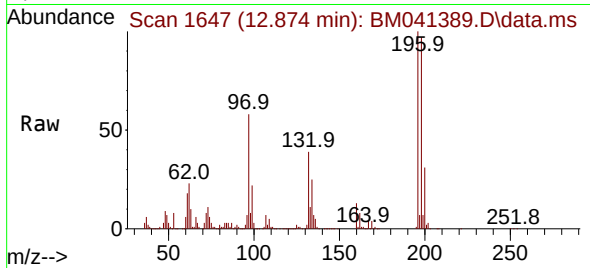
Tgt Ion: 330 Resp: 622997
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 34.0 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 47.551 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

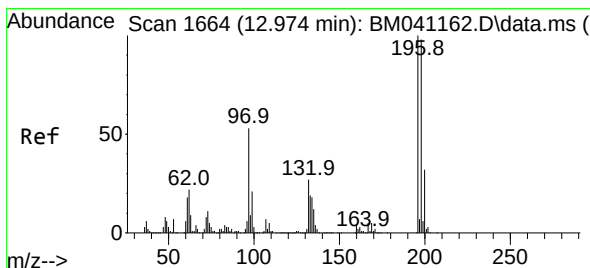
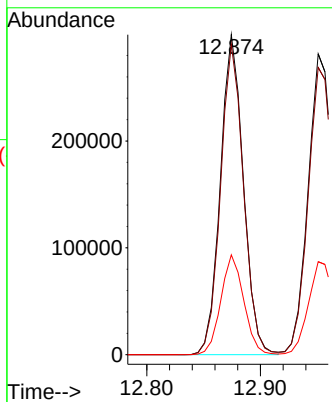
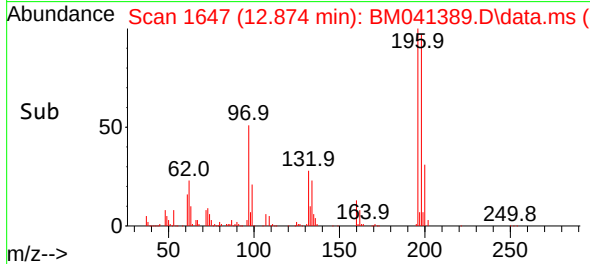
Instrument :
BNA_M
ClientSampleId :
WC-16MS



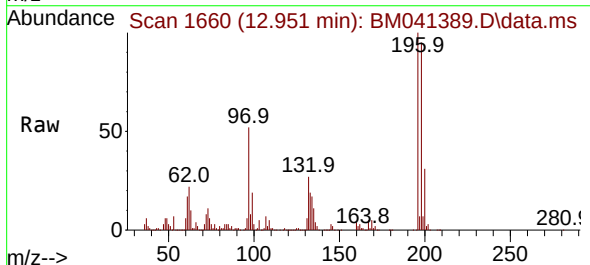
Tgt Ion:196 Resp: 42209
Ion Ratio Lower Upper
196 100
198 97.0 76.2 114.4
200 31.2 24.6 36.8

Manual Integrations
APPROVED

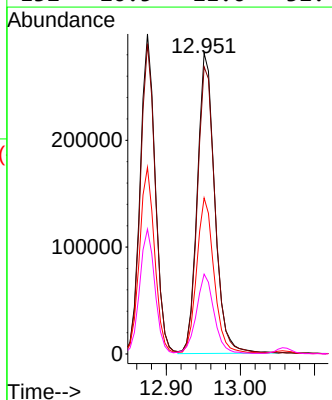
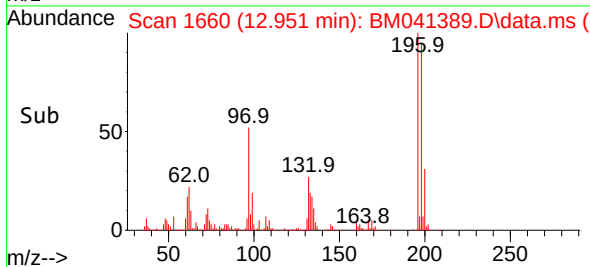
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

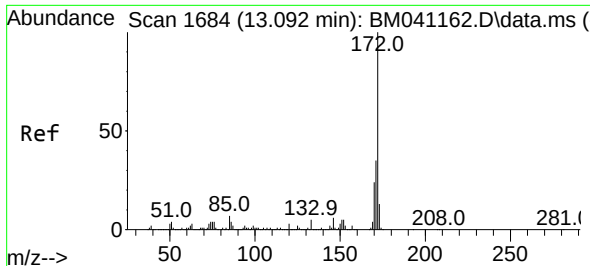


#44
2,4,5-Trichlorophenol
Concen: 44.729 ng
RT: 12.951 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



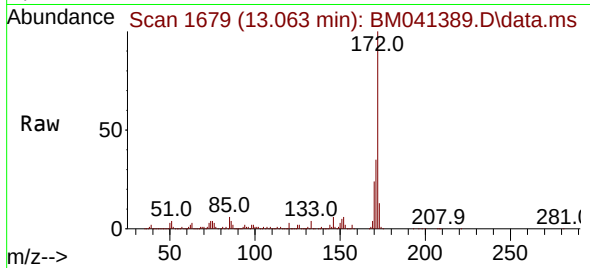
Tgt Ion:196 Resp: 459547
Ion Ratio Lower Upper
196 100
198 95.5 78.2 117.4
97 51.8 42.7 64.1
132 26.5 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 49.702 ng
RT: 13.063 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

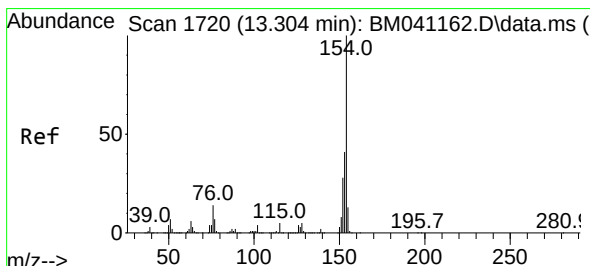
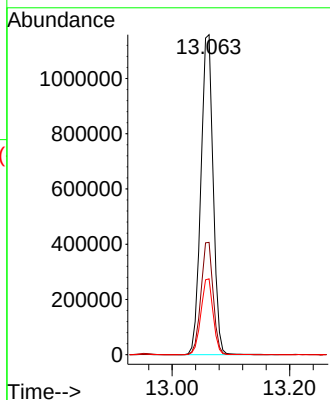
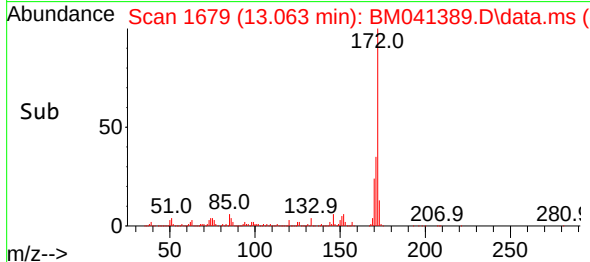
Instrument :
BNA_M
ClientSampleId :
WC-16MS



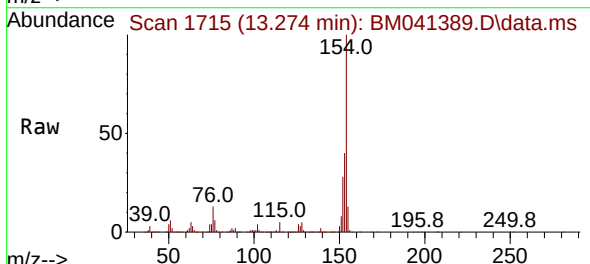
Tgt Ion:172 Resp: 167811
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 18.9 28.3

Manual Integrations
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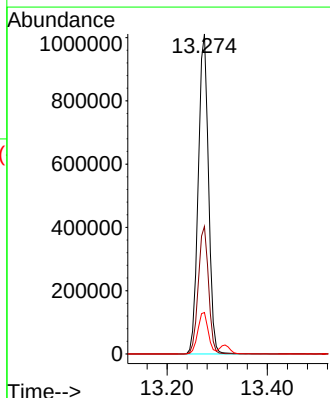
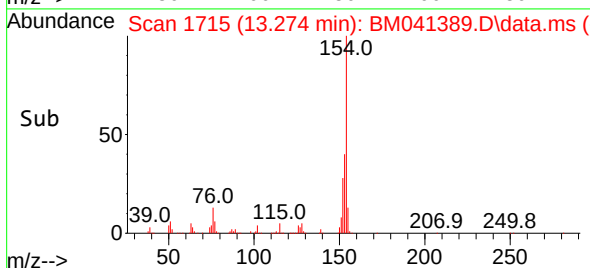
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

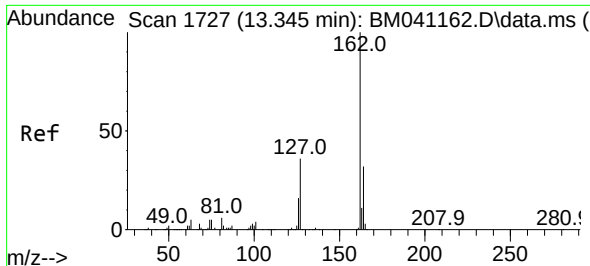


#46
1,1'-Biphenyl
Concen: 41.289 ng
RT: 13.274 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



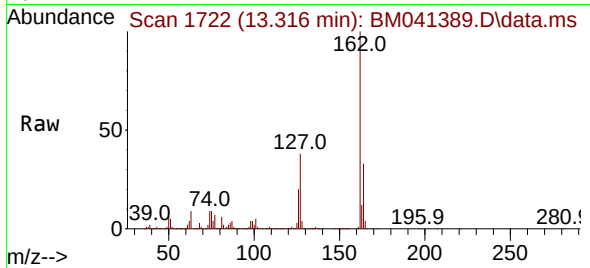
Tgt Ion:154 Resp: 1427657
Ion Ratio Lower Upper
154 100
153 39.8 20.5 60.5
76 12.9 0.0 34.1





#47
2-Chloronaphthalene
Concen: 42.955 ng
RT: 13.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

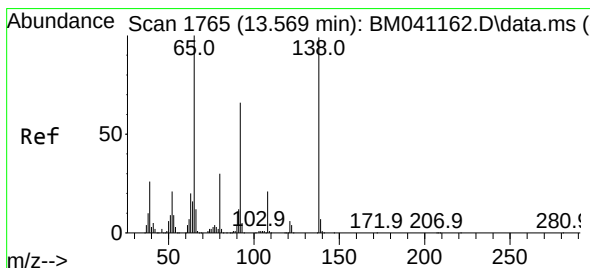
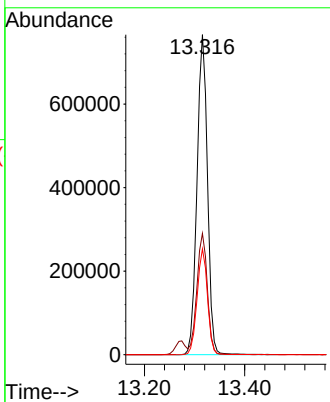
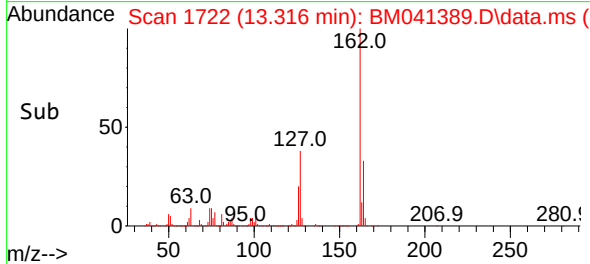
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:162 Resp: 1109014
Ion Ratio Lower Upper
162 100
127 37.9 30.6 45.8
164 33.1 25.6 38.4

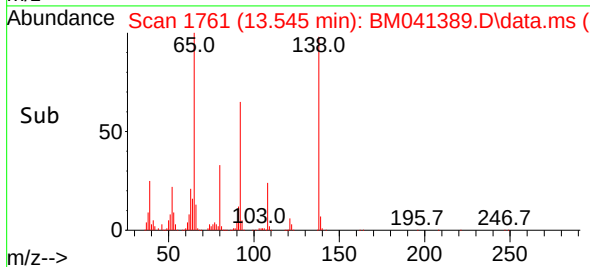
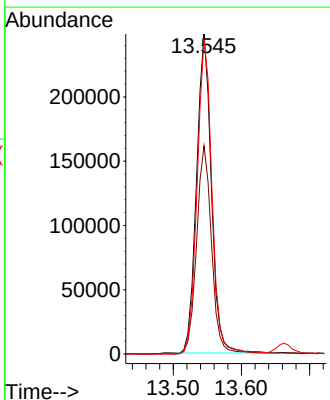
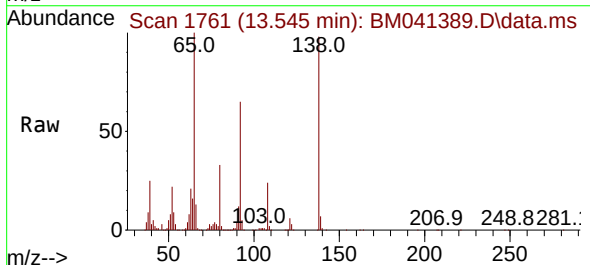
Manual Integrations
APPROVED

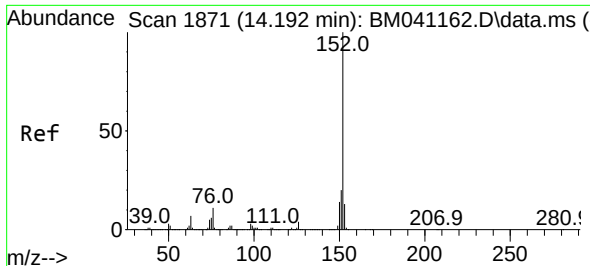
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#48
2-Nitroaniline
Concen: 45.358 ng
RT: 13.545 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

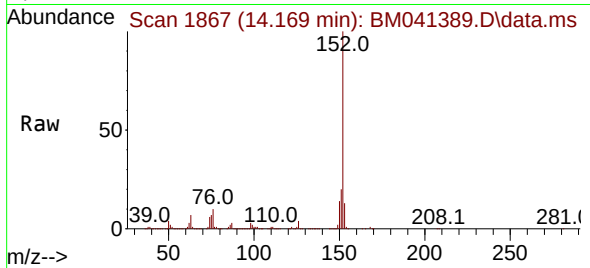
Tgt Ion: 65 Resp: 373793
Ion Ratio Lower Upper
65 100
92 65.0 53.0 79.4
138 98.3 79.1 118.7





#49
Acenaphthylene
Concen: 44.469 ng
RT: 14.169 min Scan# 1867
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

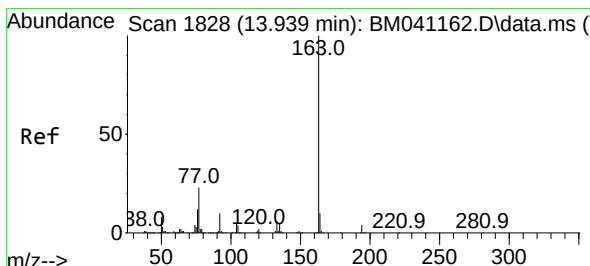
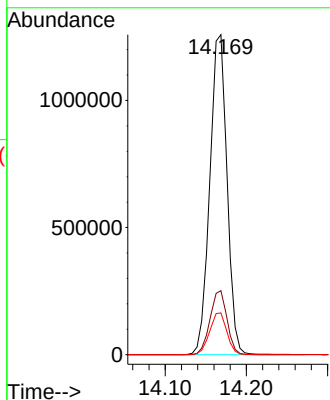
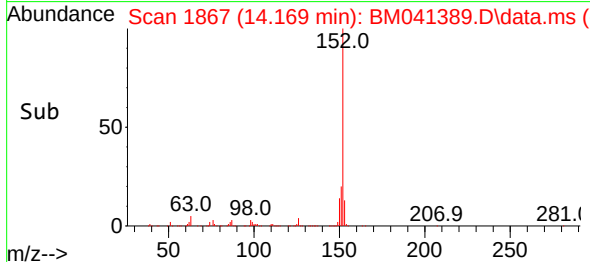
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:152 Resp: 1853089
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.5 15.7

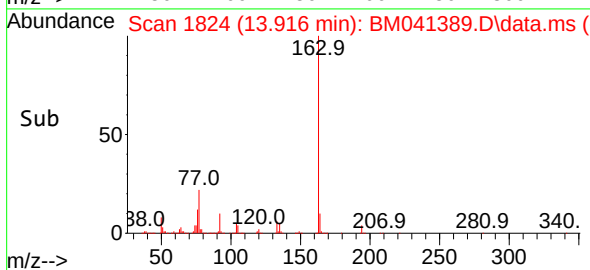
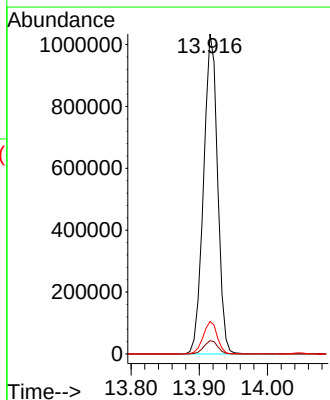
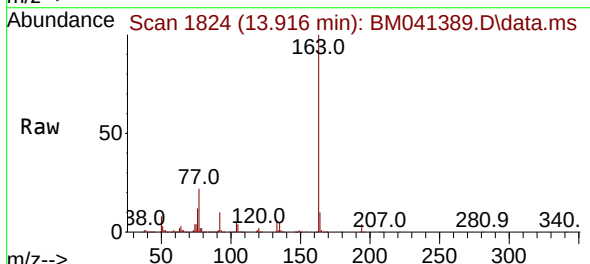
Manual Integrations
APPROVED

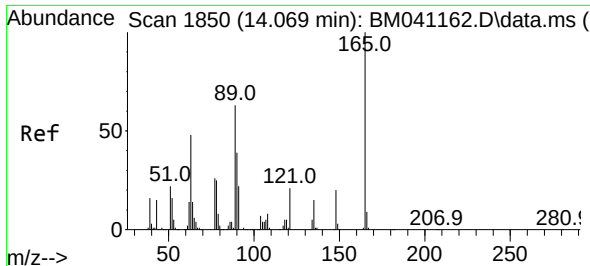
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#50
Dimethylphthalate
Concen: 46.273 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

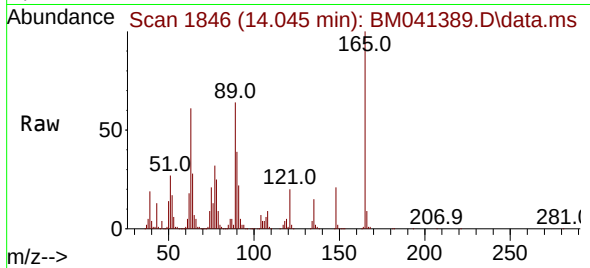
Tgt Ion:163 Resp: 1484583
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.204 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

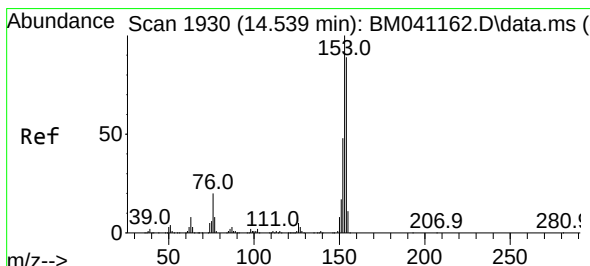
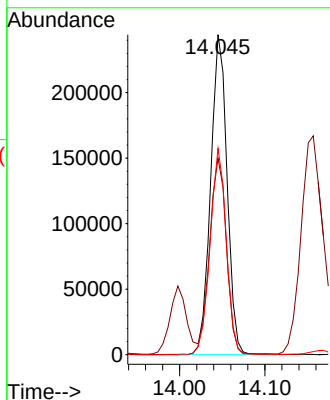
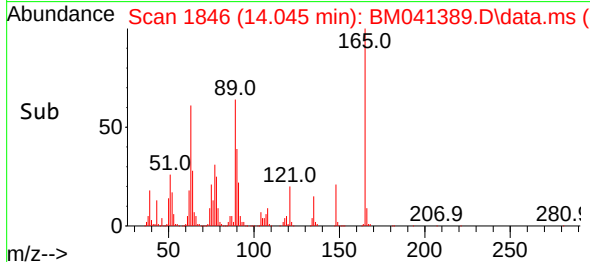
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:165 Resp: 327090
Ion Ratio Lower Upper
165 100
63 61.4 50.9 76.3
89 64.4 50.6 76.0

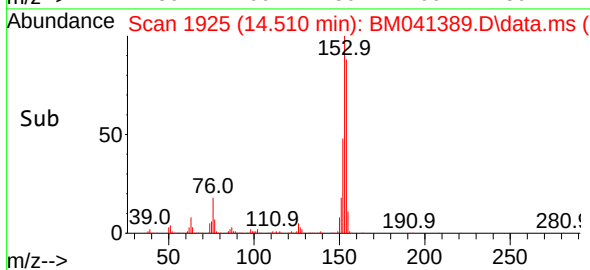
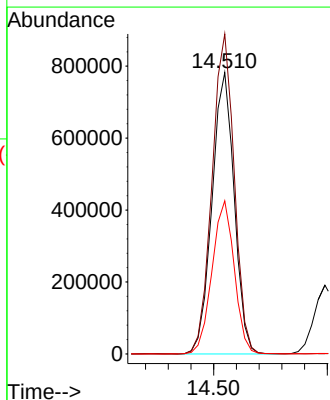
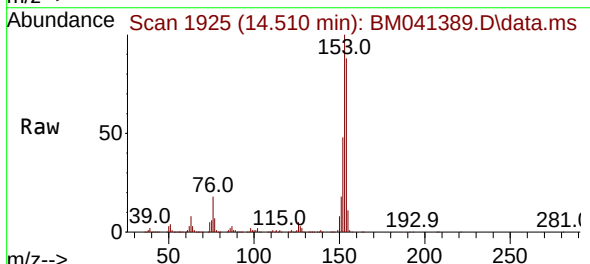
Manual Integrations
APPROVED

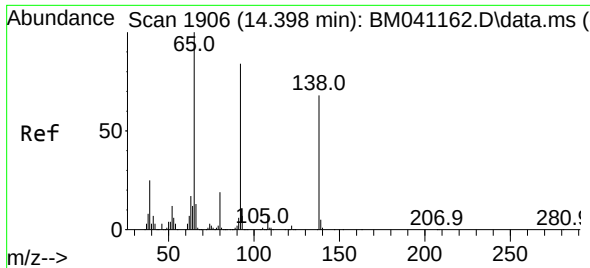
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#52
Acenaphthene
Concen: 42.372 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

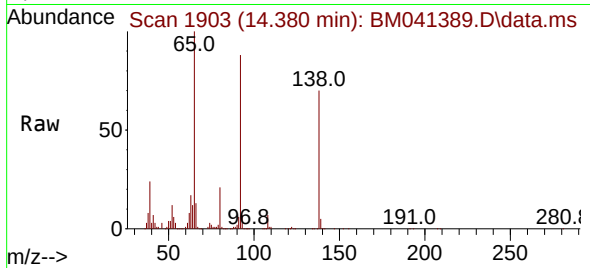
Tgt Ion:154 Resp: 1063711
Ion Ratio Lower Upper
154 100
153 113.7 90.2 135.4
152 54.4 43.4 65.0





#53
3-Nitroaniline
Concen: 36.400 ng
RT: 14.380 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

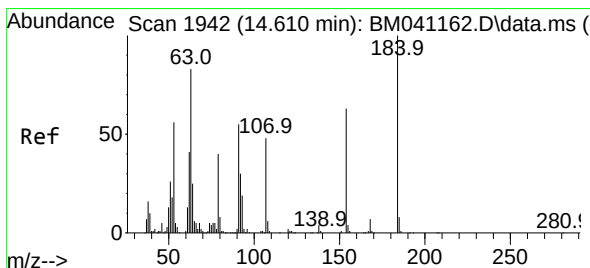
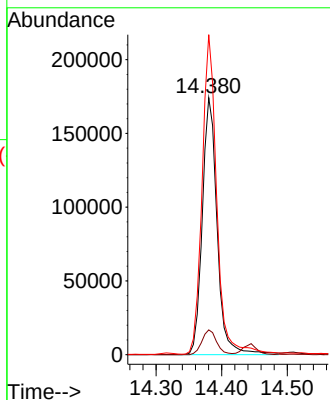
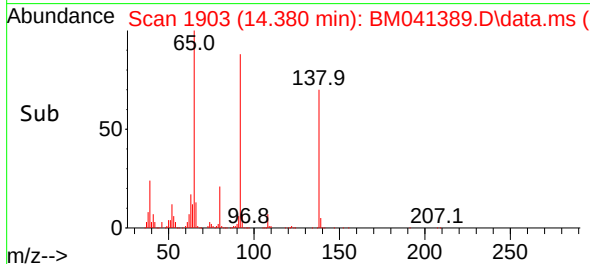
Instrument :
BNA_M
ClientSampleId :
WC-16MS



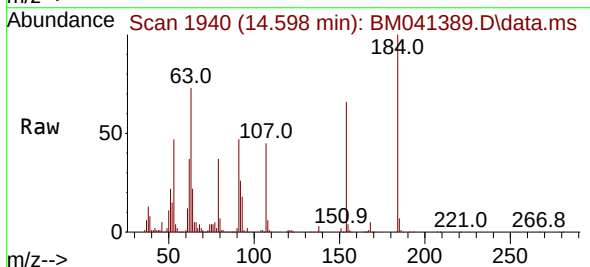
Tgt Ion:138 Resp: 27494
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 124.5 98.9 148.3

Manual Integrations
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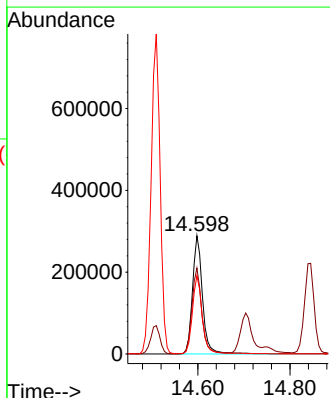
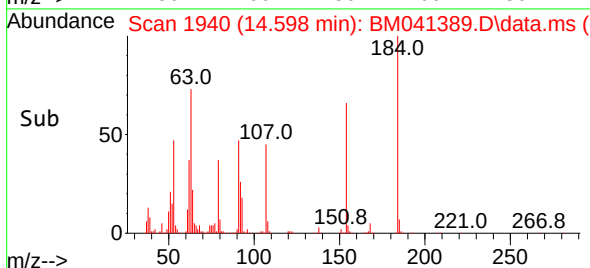
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

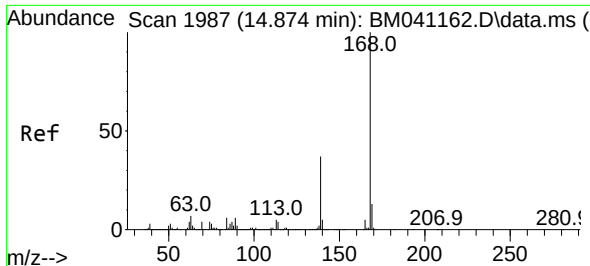


#54
2,4-Dinitrophenol
Concen: 95.745 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



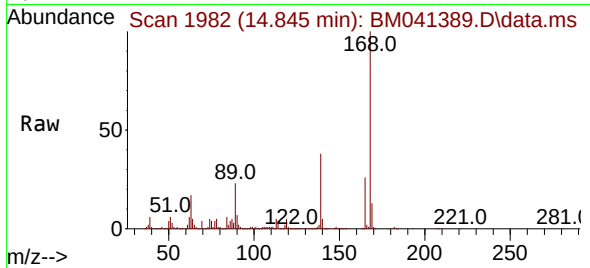
Tgt Ion:184 Resp: 435376
Ion Ratio Lower Upper
184 100
63 72.7 66.5 99.7
154 66.2 52.8 79.2





#55
Dibenzenofuran
Concen: 43.662 ng
RT: 14.845 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

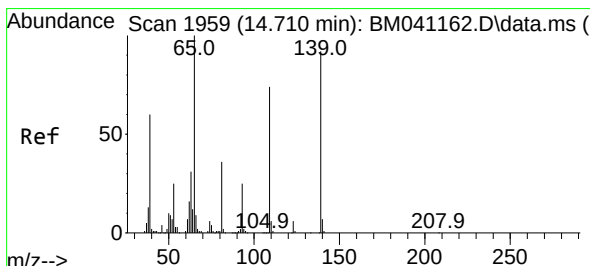
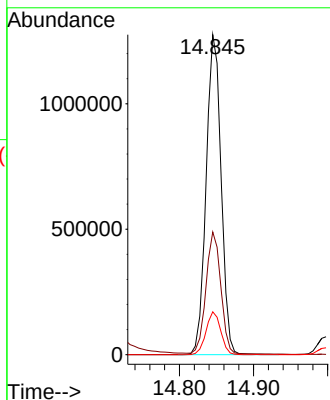
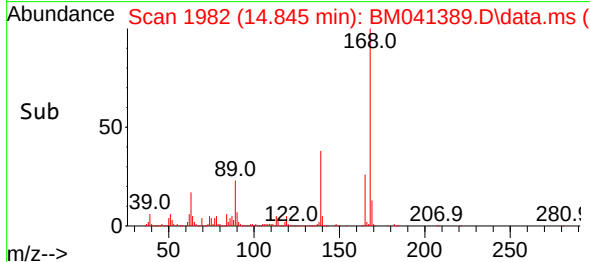
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:168 Resp: 178835
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.6
169 13.4 10.5 15.7

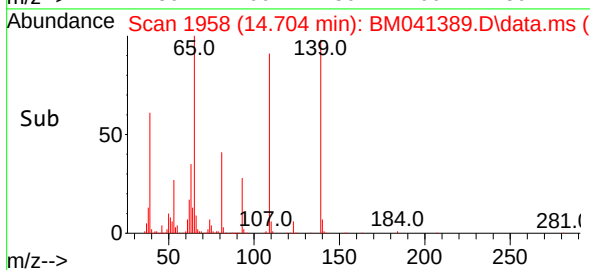
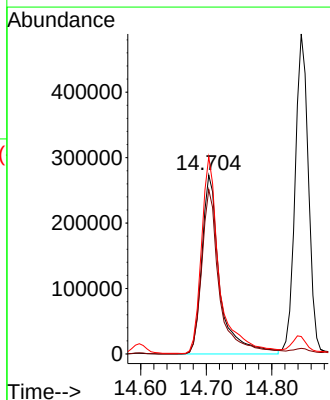
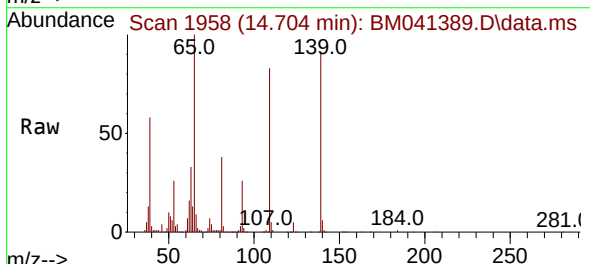
Manual Integrations
APPROVED

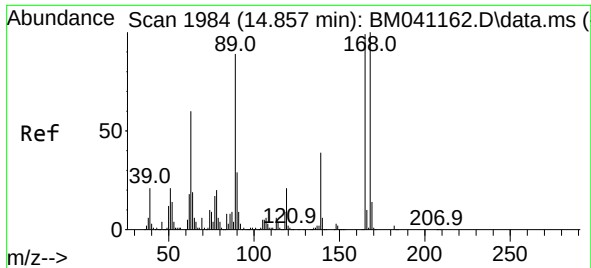
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#56
4-Nitrophenol
Concen: 94.223 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

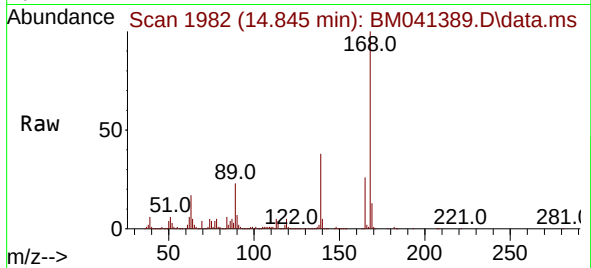
Tgt Ion:139 Resp: 522024
Ion Ratio Lower Upper
139 100
109 92.0 61.2 101.2
65 110.2 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 48.718 ng
RT: 14.845 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

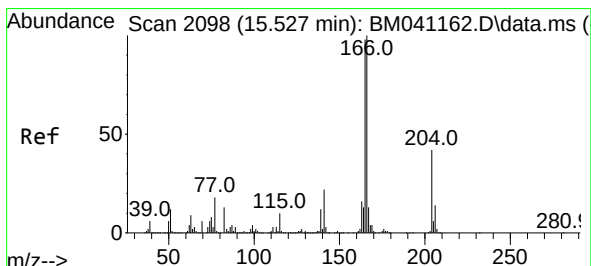
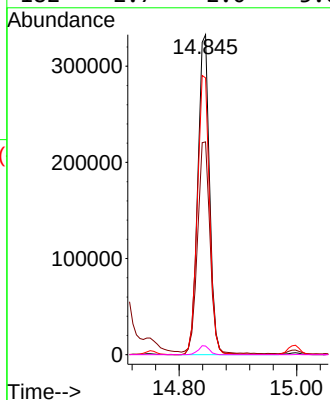
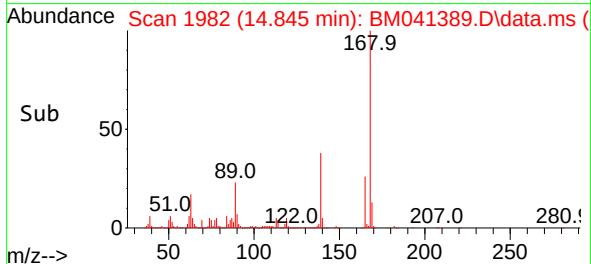
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:165 Resp: 462899
Ion Ratio Lower Upper
165 100
63 66.5 48.3 72.5
89 86.5 71.8 107.8
182 2.7 2.0 3.0

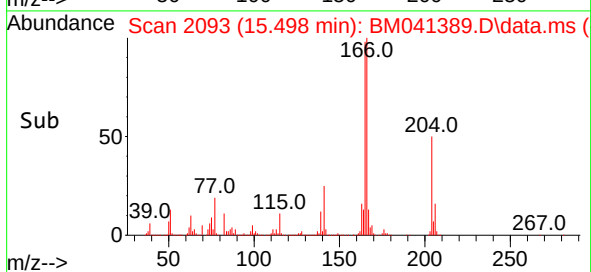
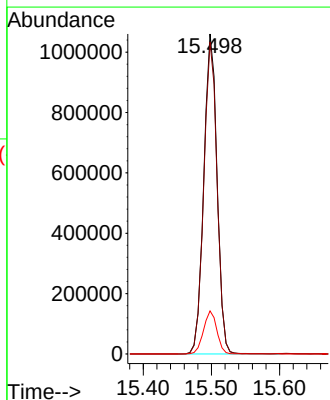
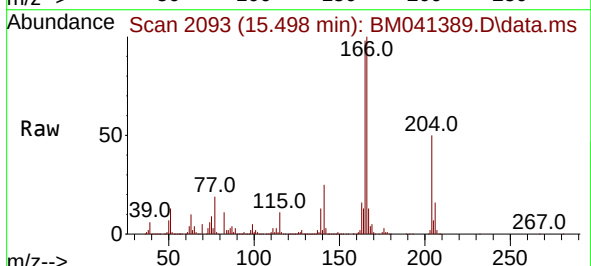
Manual Integrations
APPROVED

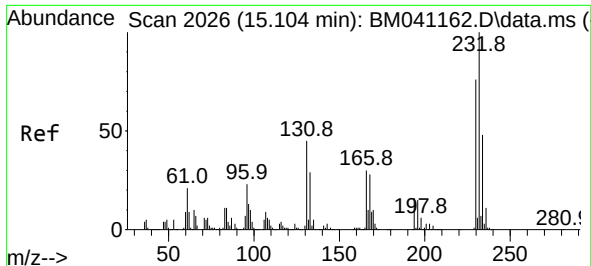
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#58
Fluorene
Concen: 44.390 ng
RT: 15.498 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

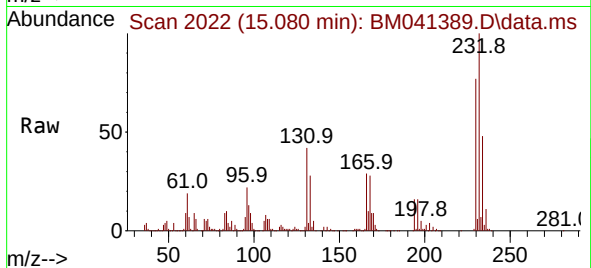
Tgt Ion:166 Resp: 1434323
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.794 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

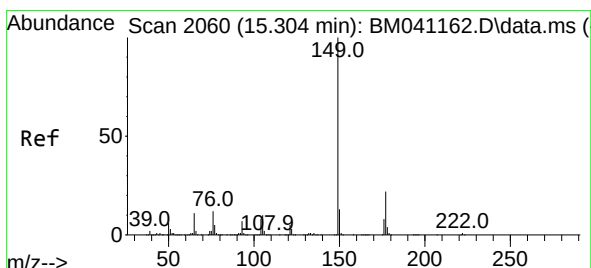
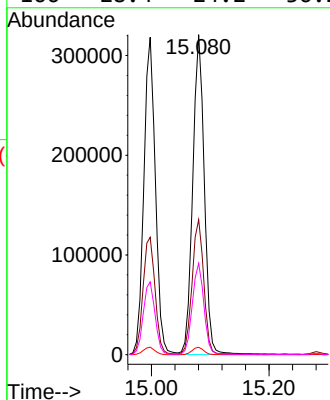
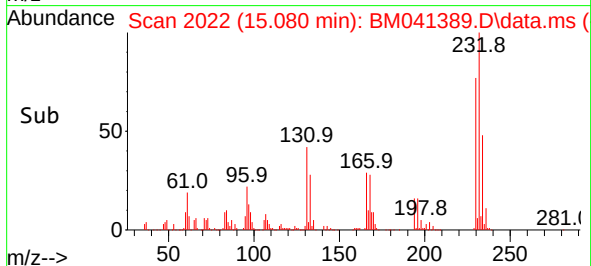
Instrument :
BNA_M
ClientSampleId :
WC-16MS



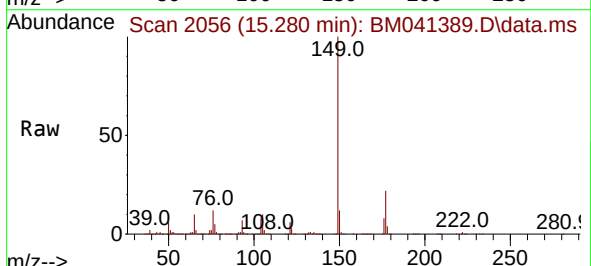
Tgt Ion:232 Resp: 439220
Ion Ratio Lower Upper
232 100
131 42.8 36.9 55.3
130 2.3 2.0 3.0
166 28.4 24.2 36.2

Manual Integrations
APPROVED

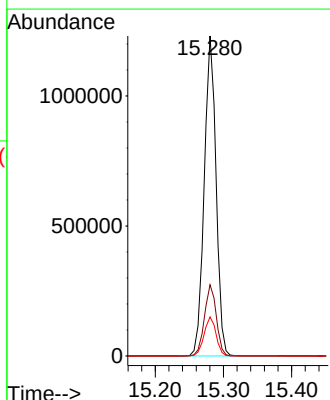
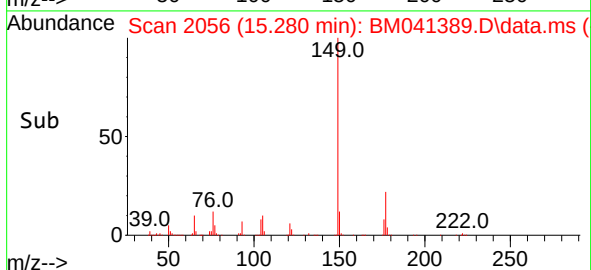
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

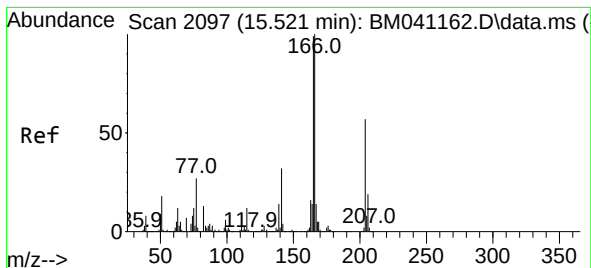


#60
Diethylphthalate
Concen: 47.841 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15



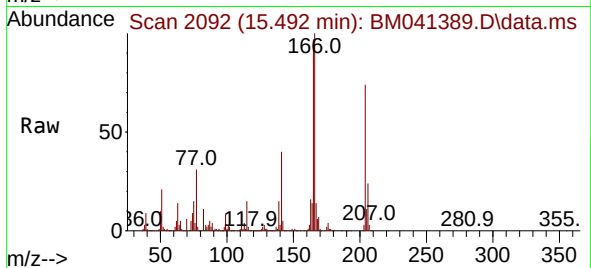
Tgt Ion:149 Resp: 1484319
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.923 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

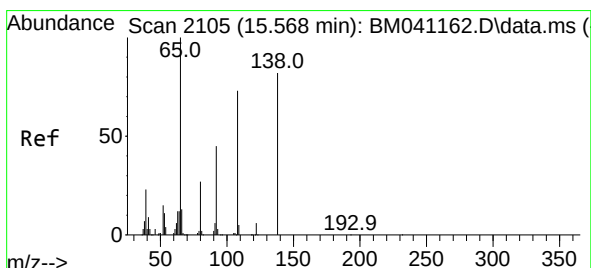
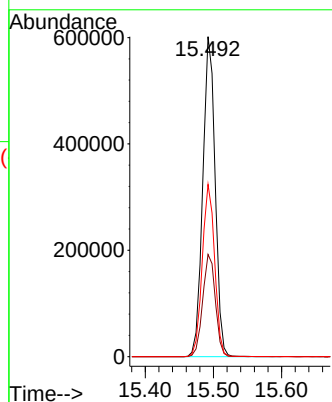
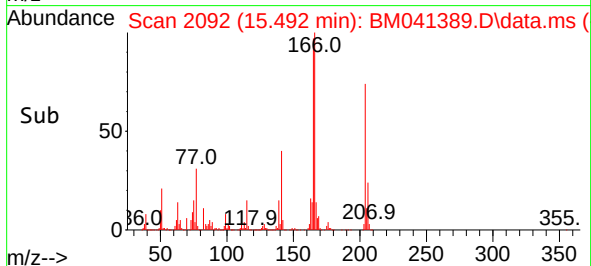
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:204 Resp: 75976
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 53.8 44.8 67.2

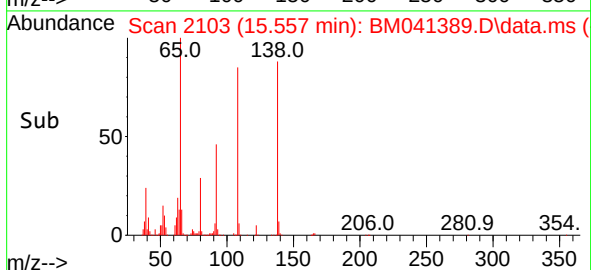
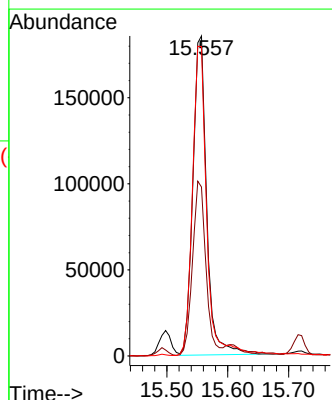
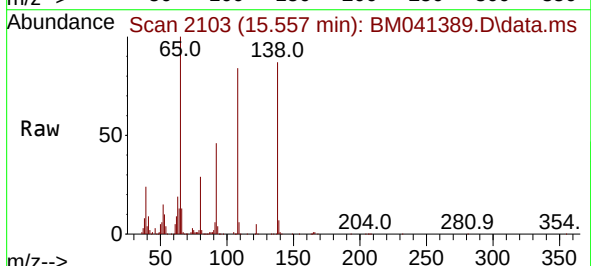
Manual Integrations
APPROVED

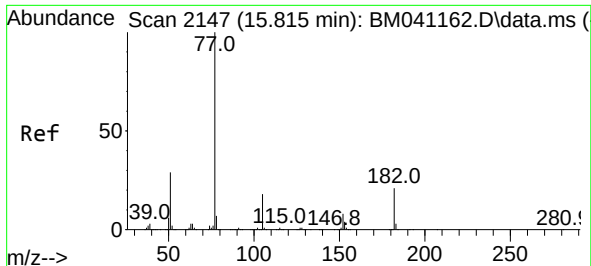
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#62
4-Nitroaniline
Concen: 41.984 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

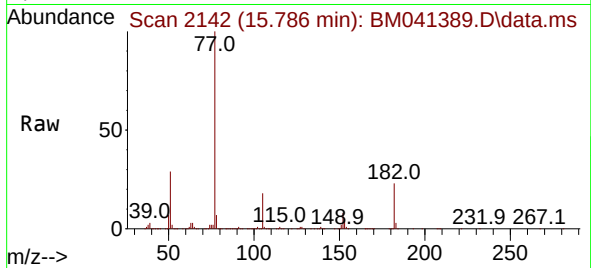
Tgt Ion:138 Resp: 293636
Ion Ratio Lower Upper
138 100
92 52.8 35.1 75.1
108 96.7 67.8 107.8





#63
Azobenzene
Concen: 43.682 ng
RT: 15.786 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

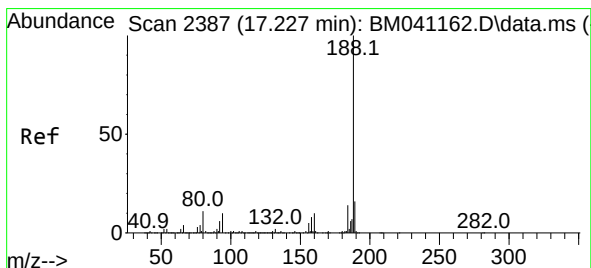
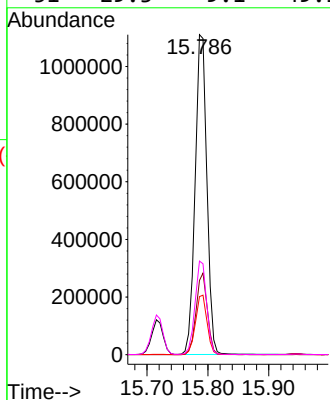
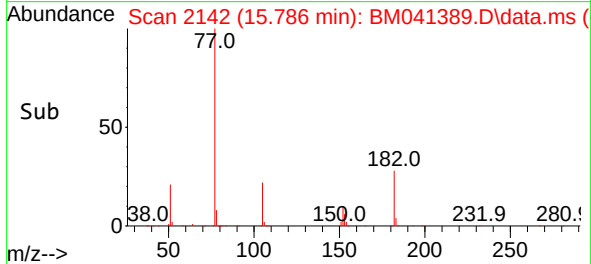
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion: 77 Resp: 1484560
Ion Ratio Lower Upper
77 100
182 23.2 1.3 41.3
105 18.1 0.0 38.5
51 29.3 9.1 49.1

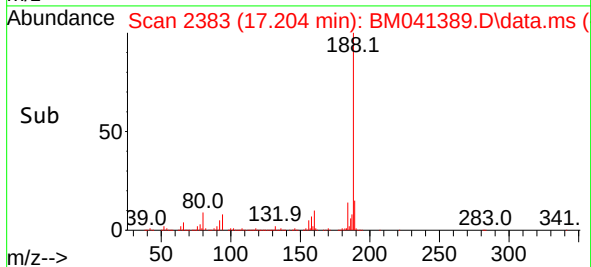
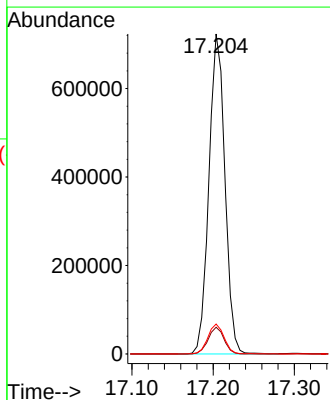
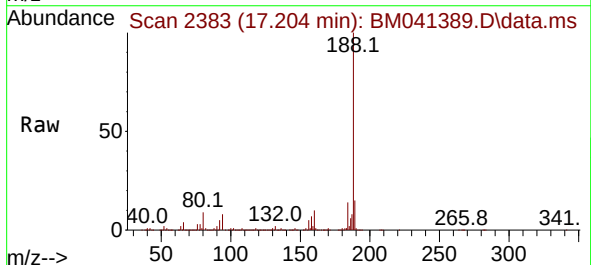
Manual Integrations
APPROVED

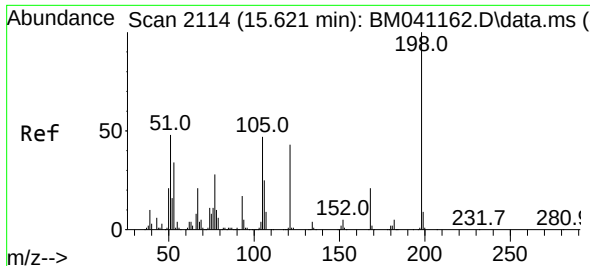
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

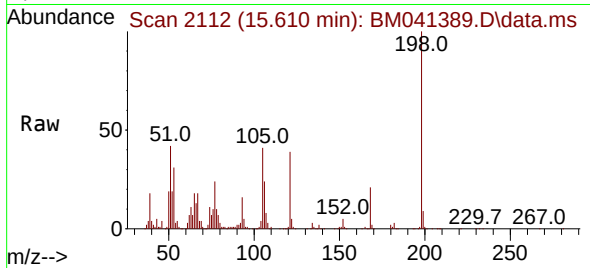
Tgt Ion:188 Resp: 989366
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.4 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 46.402 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

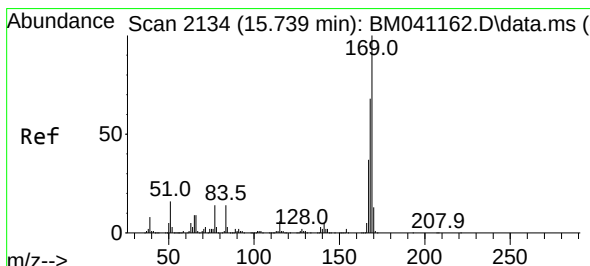
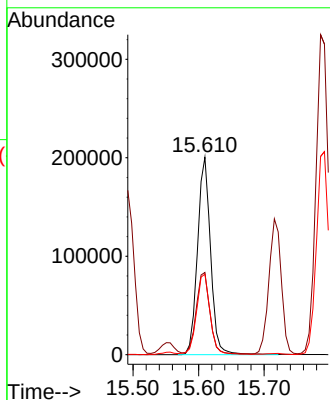
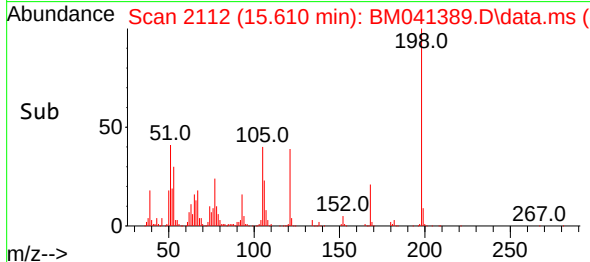
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:198 Resp: 27811
Ion Ratio Lower Upper
198 100
51 41.7 31.7 71.7
105 40.8 27.8 67.8

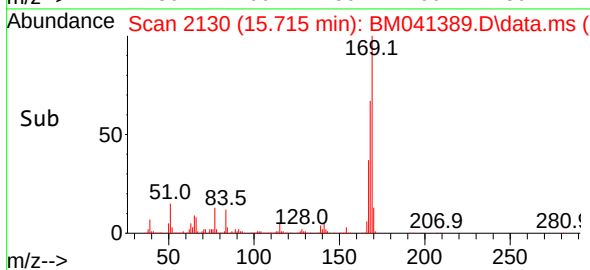
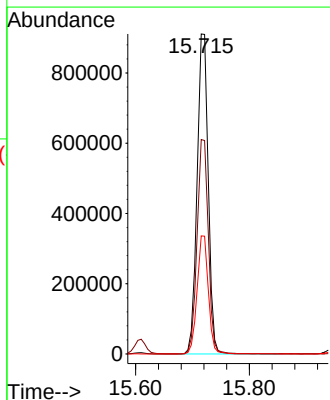
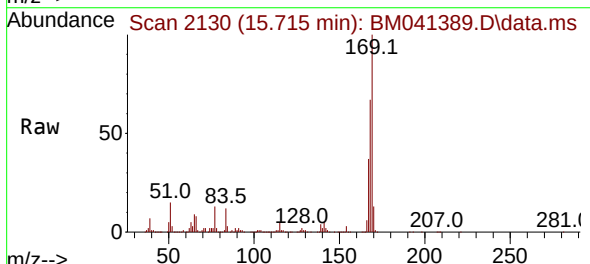
Manual Integrations
APPROVED

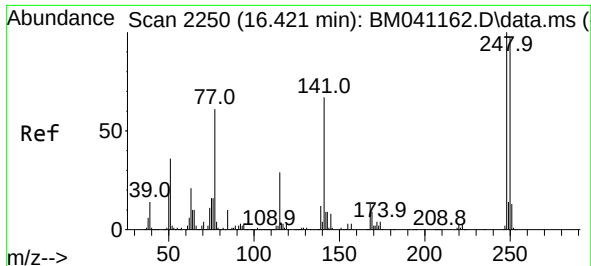
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#66
n-Nitrosodiphenylamine
Concen: 40.525 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

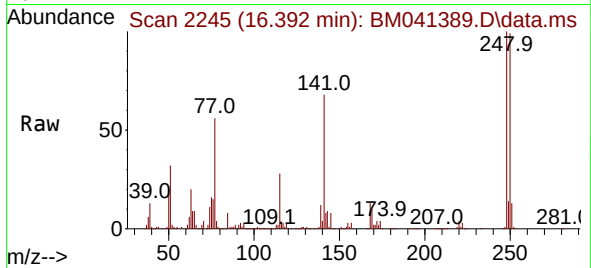
Tgt Ion:169 Resp: 1246962
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 44.025 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

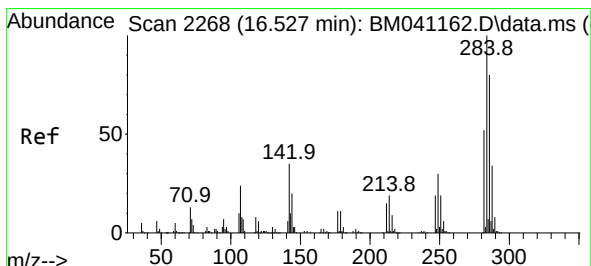
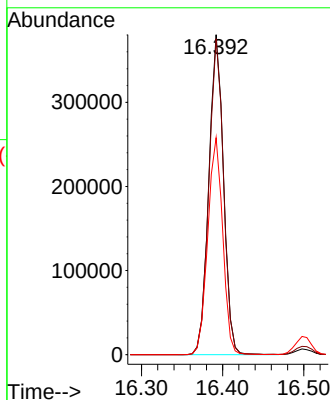
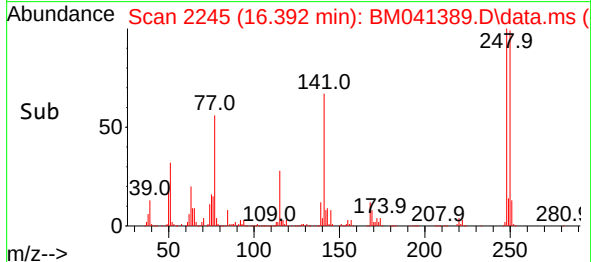
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:248 Resp: 477562
Ion Ratio Lower Upper
248 100
250 98.8 78.0 117.0
141 67.8 53.8 80.8

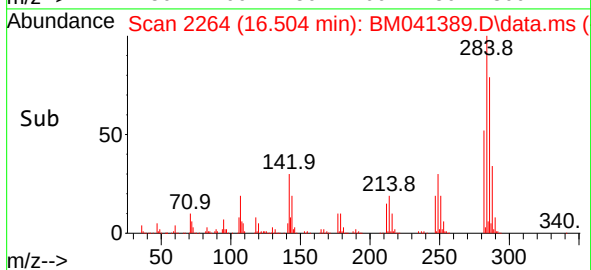
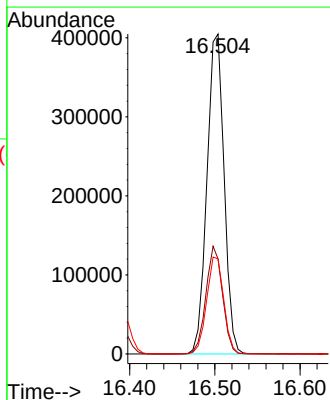
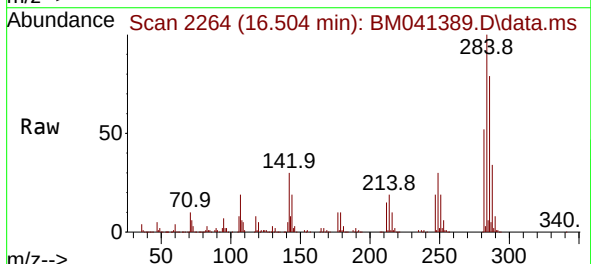
Manual Integrations
APPROVED

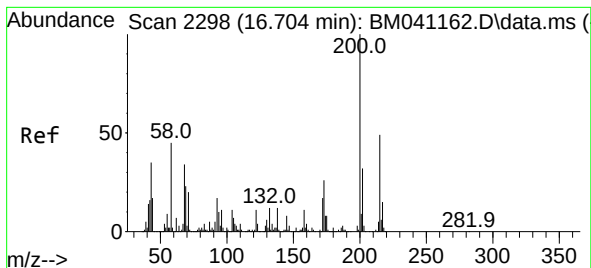
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#68
Hexachlorobenzene
Concen: 47.005 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:284 Resp: 566978
Ion Ratio Lower Upper
284 100
142 29.7 28.0 42.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 60.557 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:200 Resp: 48934

Ion Ratio Lower Upper

200 100

173 24.1 5.6 45.6

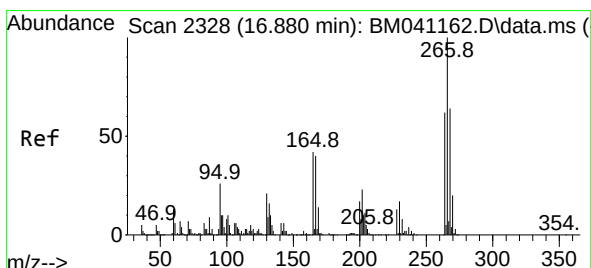
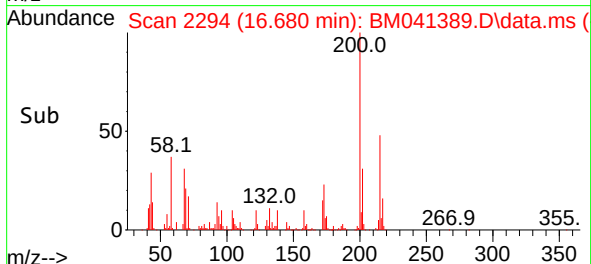
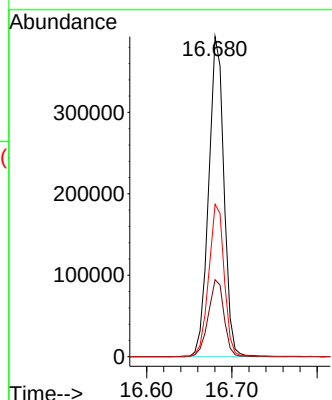
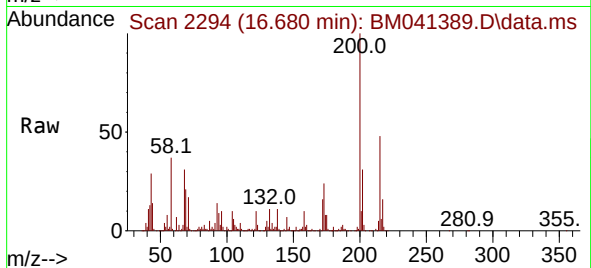
215 47.6 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#70

Pentachlorophenol

Concen: 82.259 ng

RT: 16.857 min Scan# 2324

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

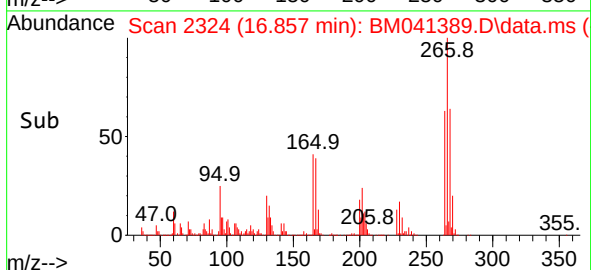
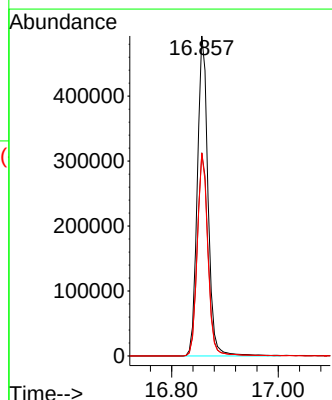
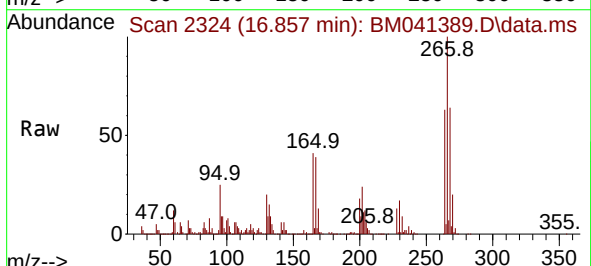
Tgt Ion:266 Resp: 687067

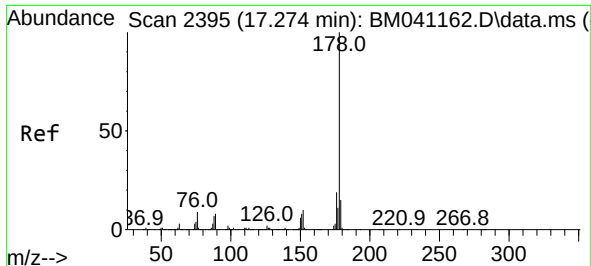
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 63.3 49.4 74.2





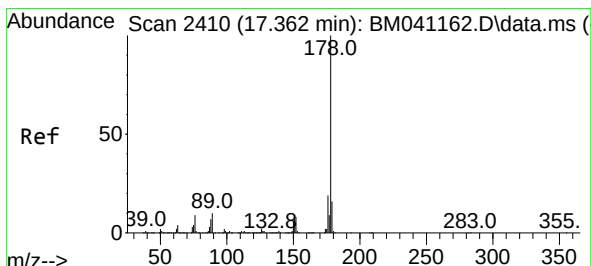
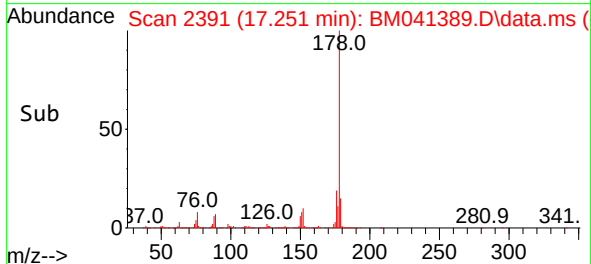
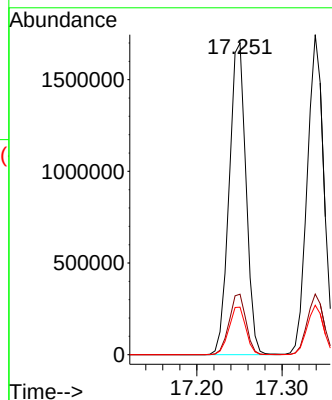
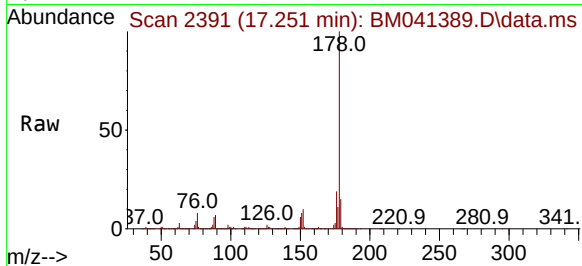
#71
Phenanthrene
Concen: 42.405 ng
RT: 17.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Tgt Ion:178 Resp: 233100
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.3 12.1 18.1

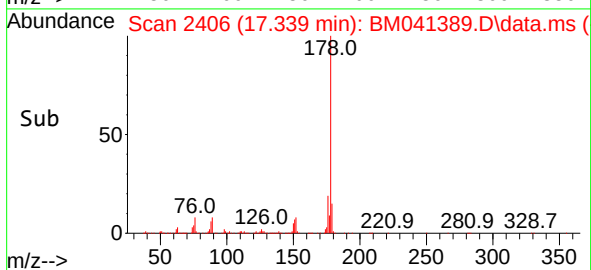
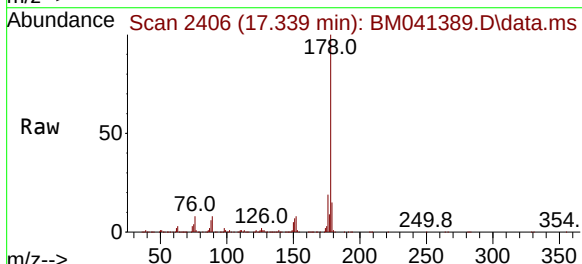
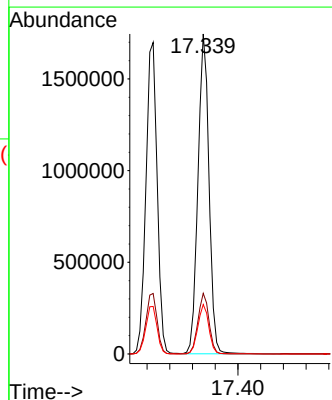
Manual Integrations
APPROVED

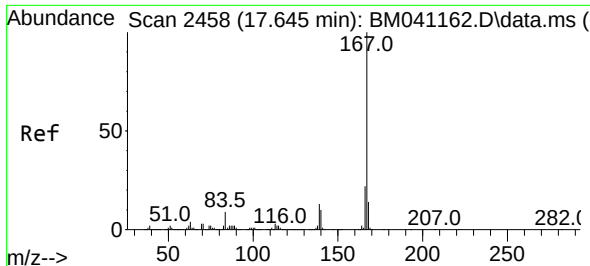
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#72
Anthracene
Concen: 43.477 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

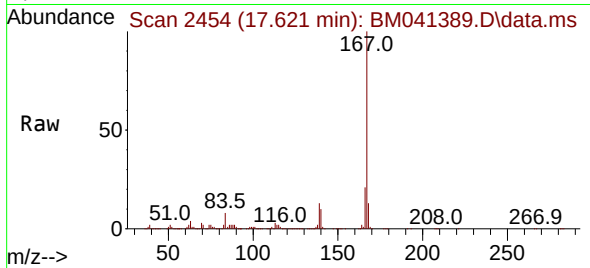
Tgt Ion:178 Resp: 2363654
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 44.237 ng
 RT: 17.621 min Scan# 2458
 Delta R.T. -0.000 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15

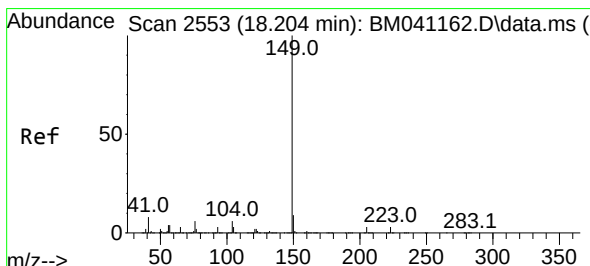
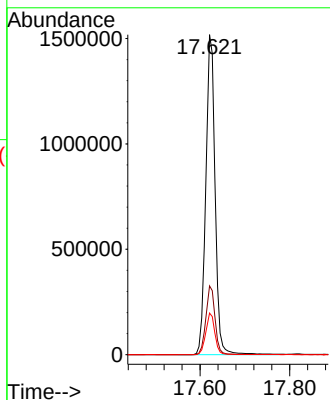
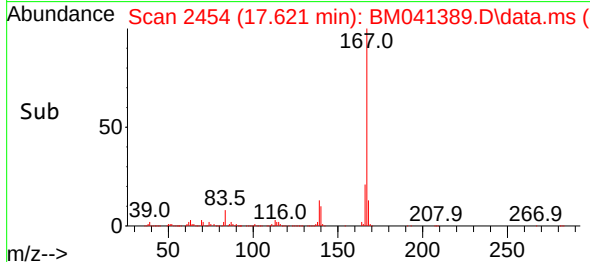
Instrument :
 BNA_M
 ClientSampleId :
 WC-16MS



Tgt Ion:167 Resp: 2176760
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.0 10.3 15.5

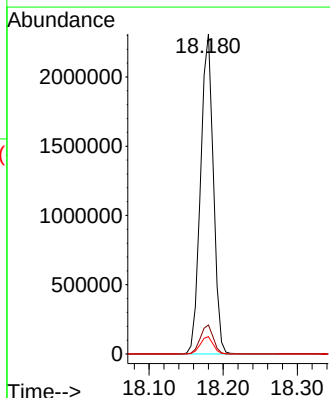
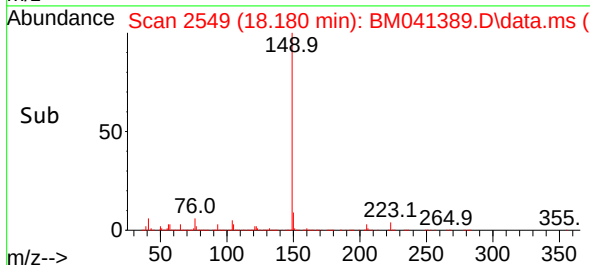
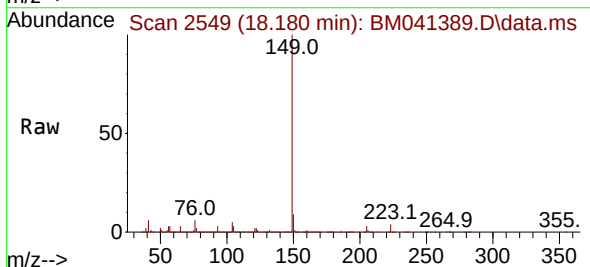
Manual Integrations
 APPROVED

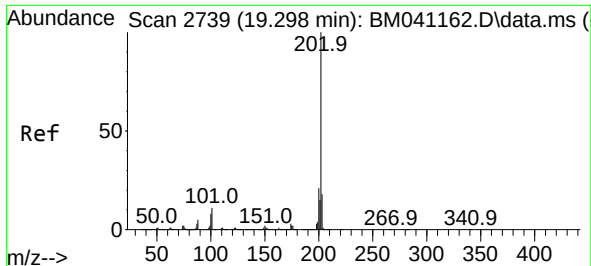
Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023



#74
 Di-n-butylphthalate
 Concen: 49.866 ng
 RT: 18.180 min Scan# 2549
 Delta R.T. -0.000 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15

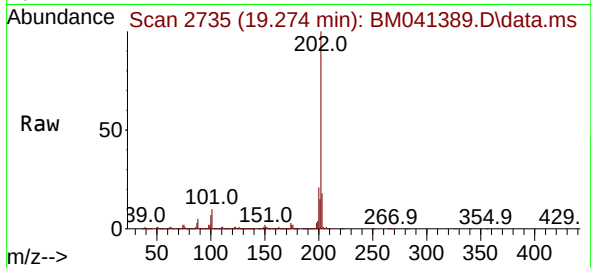
Tgt Ion:149 Resp: 2772770
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.4 4.5 6.7





#75
Fluoranthene
Concen: 47.336 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

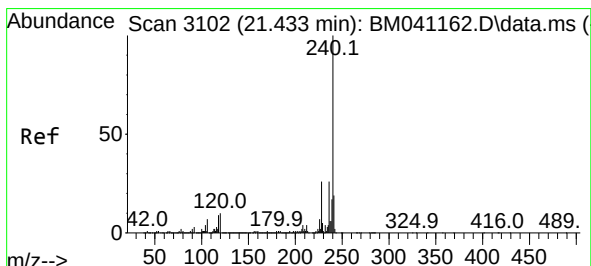
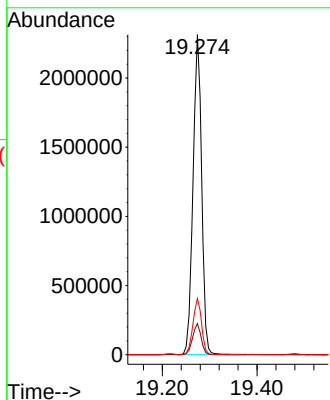
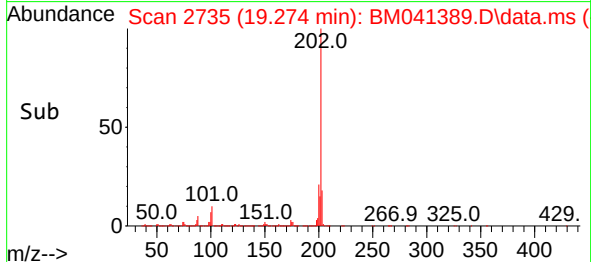
Instrument :
BNA_M
ClientSampleId :
WC-16MS



Tgt Ion:202 Resp: 292333
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.8
203 17.6 0.0 37.6

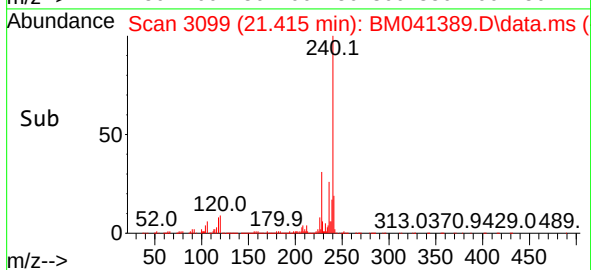
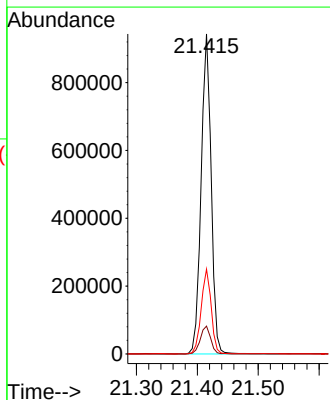
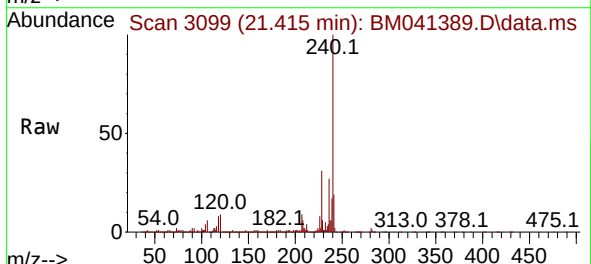
Manual Integrations
APPROVED

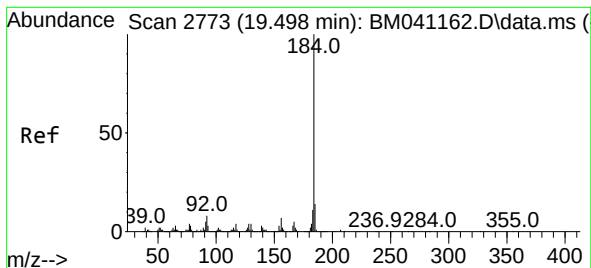
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:240 Resp: 1076004
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.5 20.6 30.8





#77

Benzidine

Concen: 85.329 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:184 Resp: 1251418

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

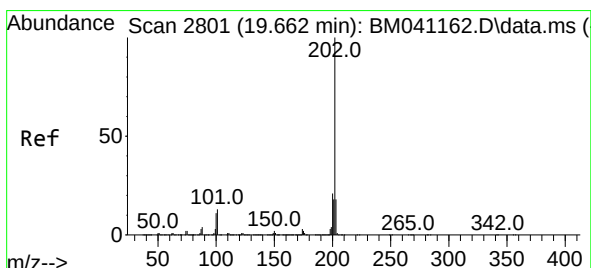
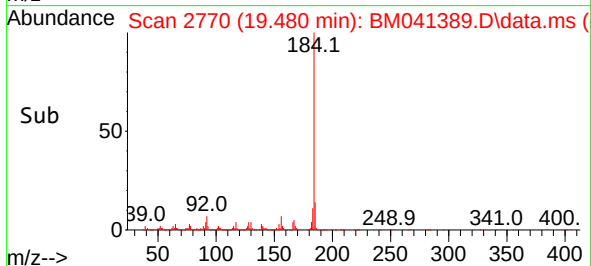
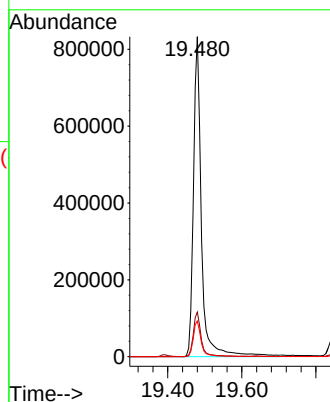
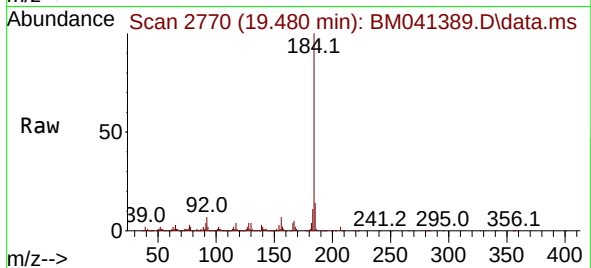
183 11.1 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#78

Pyrene

Concen: 41.111 ng

RT: 19.639 min Scan# 2797

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

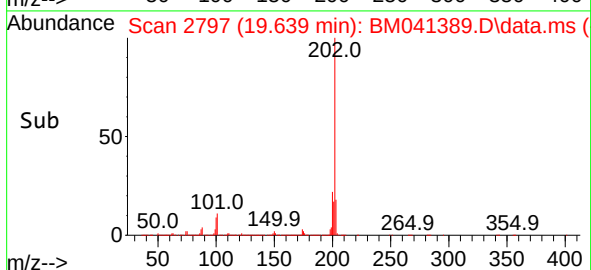
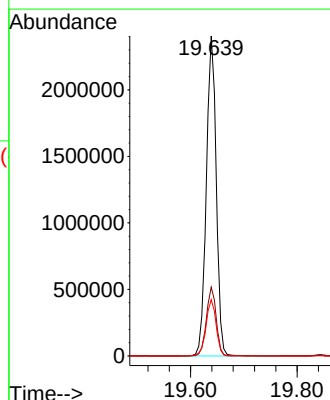
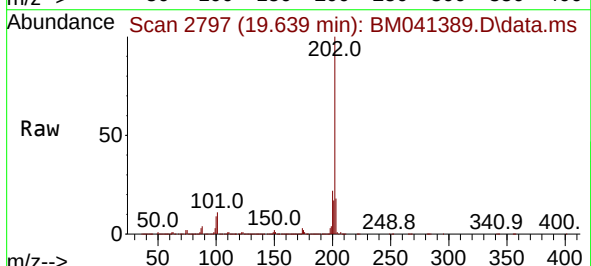
Tgt Ion:202 Resp: 3093440

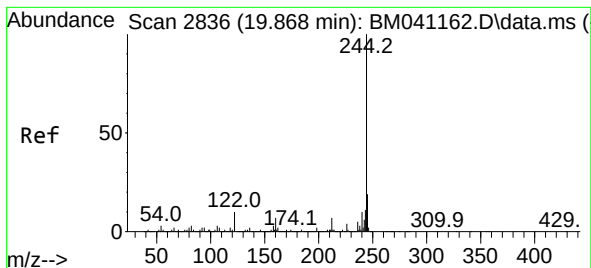
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 52.027 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:244 Resp: 3096229

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

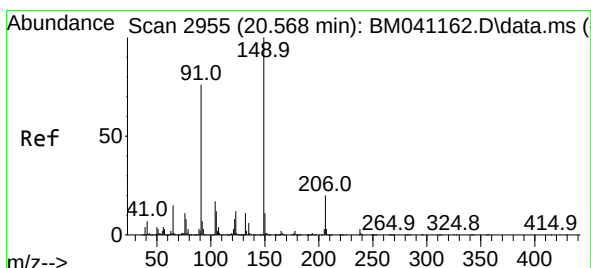
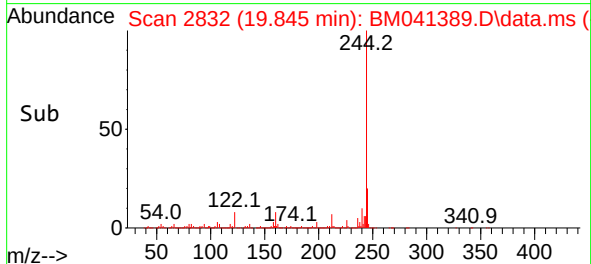
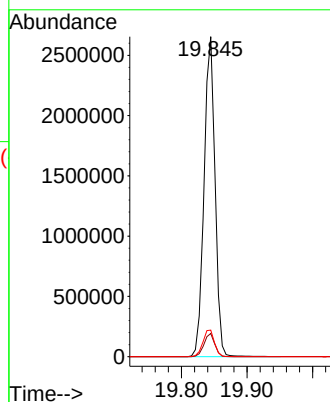
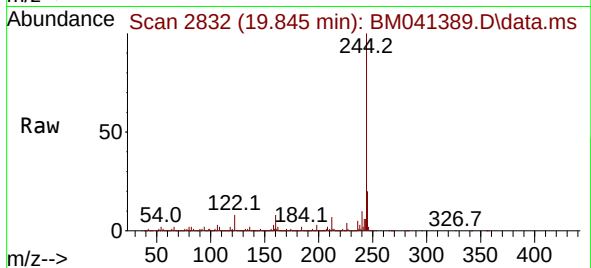
122 8.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#80

Butylbenzylphthalate

Concen: 49.390 ng

RT: 20.545 min Scan# 2951

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

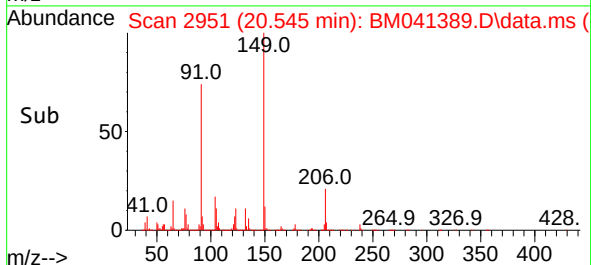
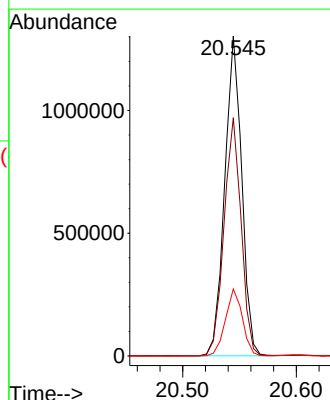
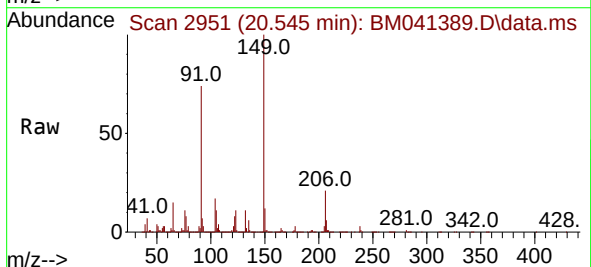
Tgt Ion:149 Resp: 1357171

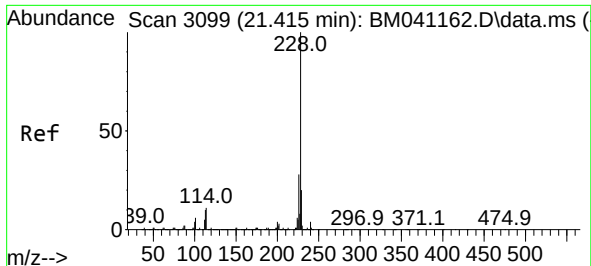
Ion Ratio Lower Upper

149 100

91 74.5 60.8 91.2

206 20.9 16.4 24.6





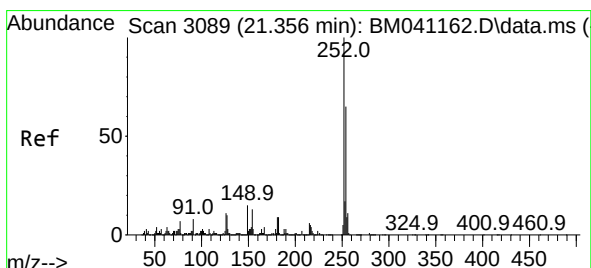
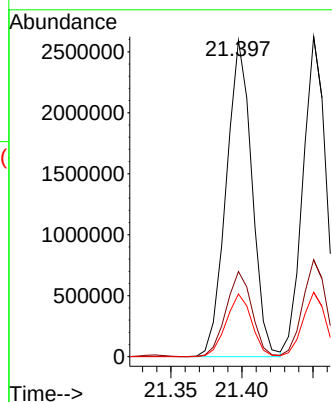
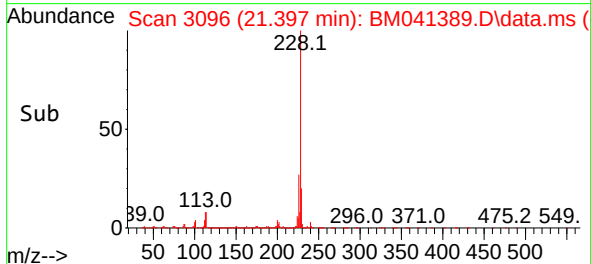
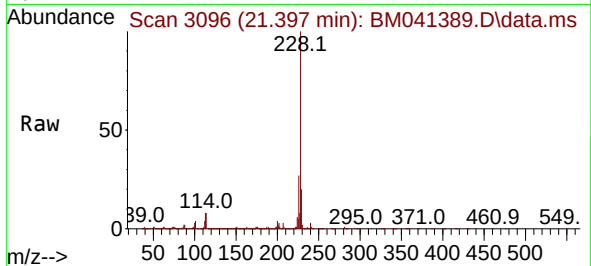
#81
Benzo(a)anthracene
Concen: 44.771 ng
RT: 21.397 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Tgt Ion:228 Resp: 326580
Ion Ratio Lower Upper
228 100
226 26.9 22.4 33.6
229 19.9 15.8 23.8

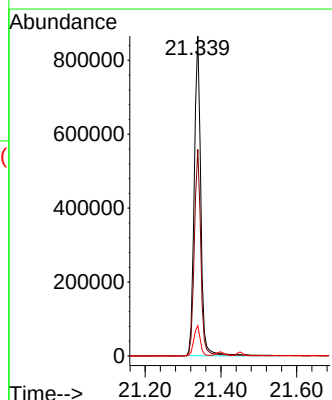
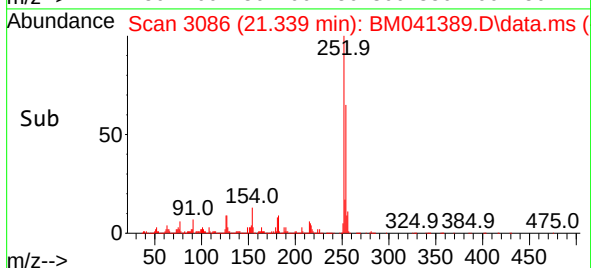
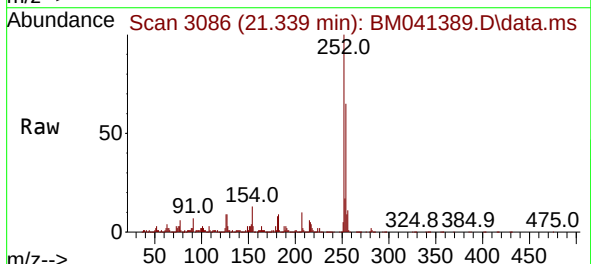
Manual Integrations
APPROVED

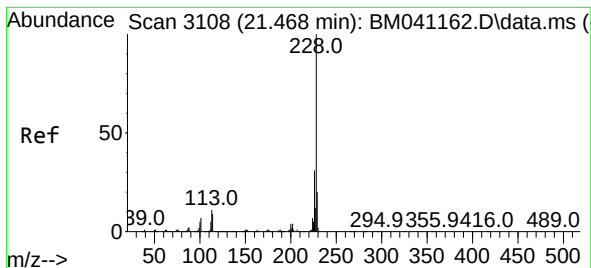
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.961 ng
RT: 21.339 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:252 Resp: 1046384
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 9.5 8.6 13.0





#83

Chrysene

Concen: 42.402 ng

RT: 21.450 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:228 Resp: 2991634

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

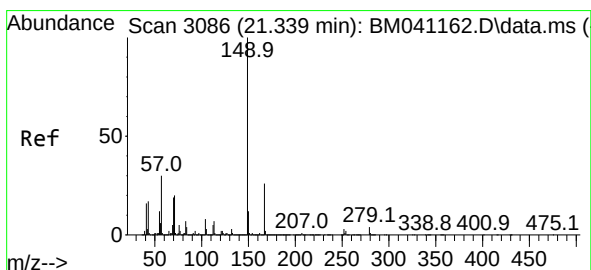
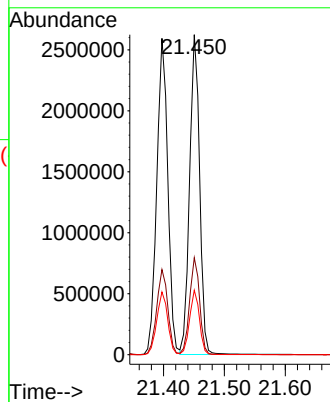
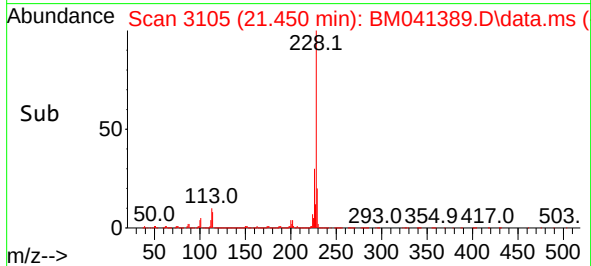
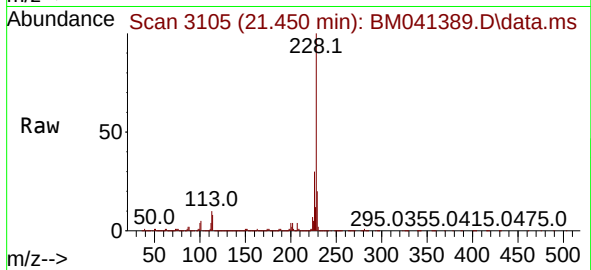
229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.183 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

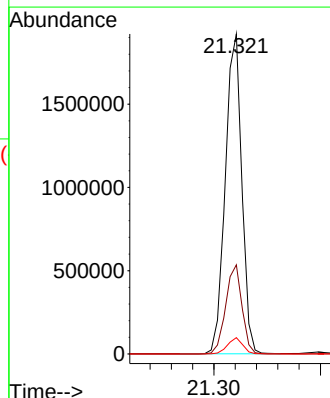
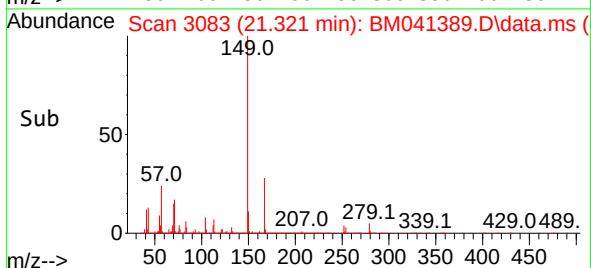
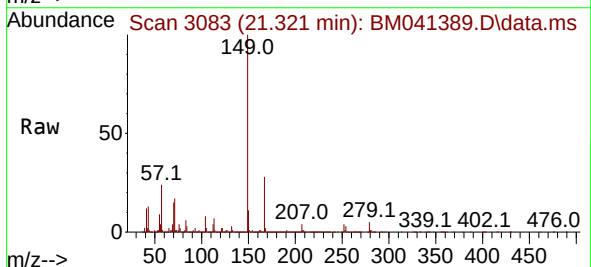
Tgt Ion:149 Resp: 2056964

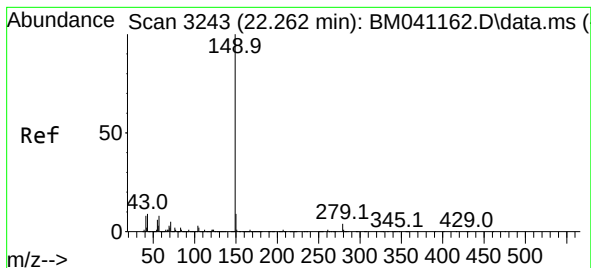
Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.6

279 5.1 3.1 4.7#





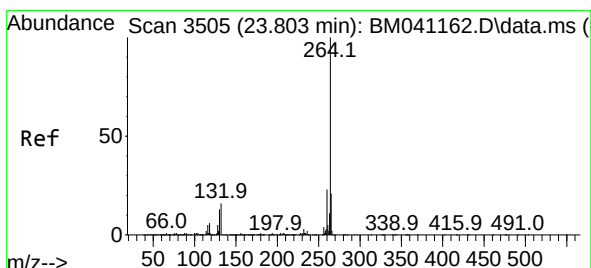
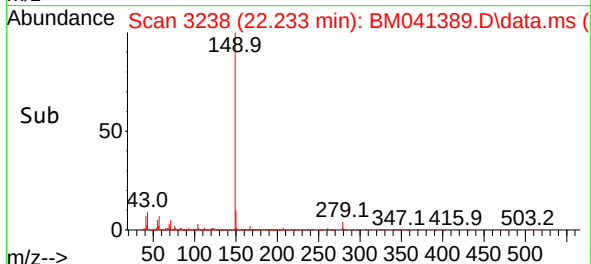
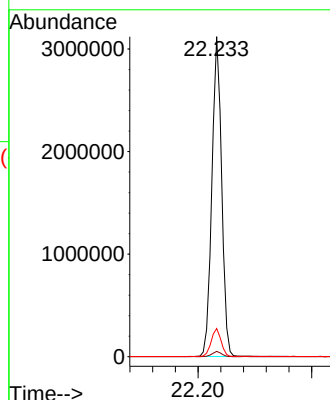
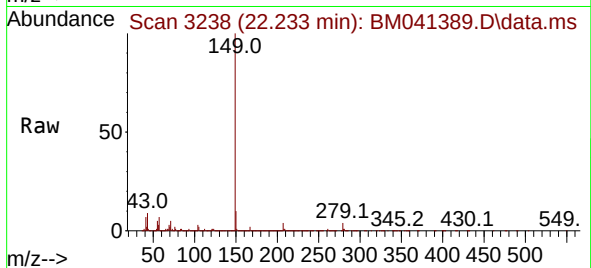
#85
Di-n-octyl phthalate
Concen: 53.219 ng
RT: 22.233 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Tgt Ion:149 Resp: 369593
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 8.3 12.5

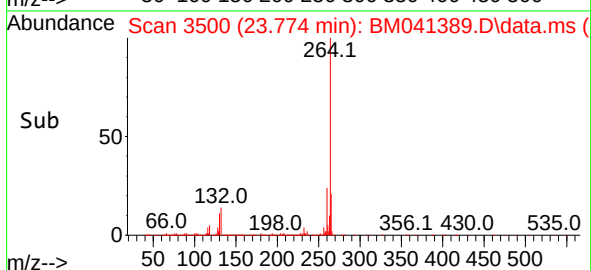
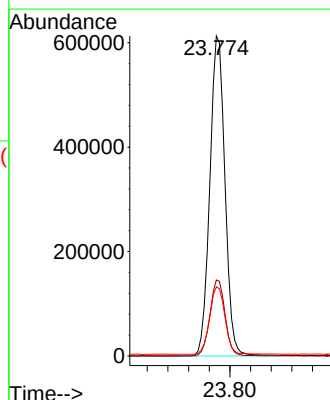
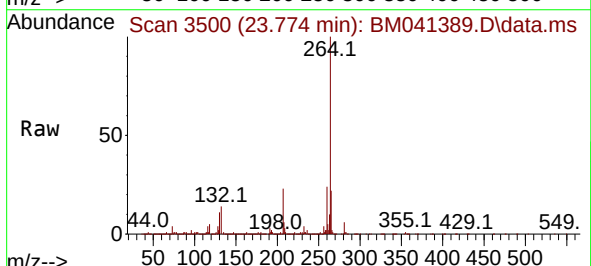
Manual Integrations
APPROVED

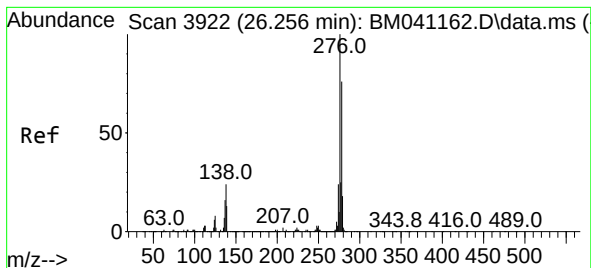
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:264 Resp: 1246687
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.437 ng

RT: 26.227 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:276 Resp: 370636

Ion Ratio Lower Upper

276 100

138 20.5 20.0 30.0

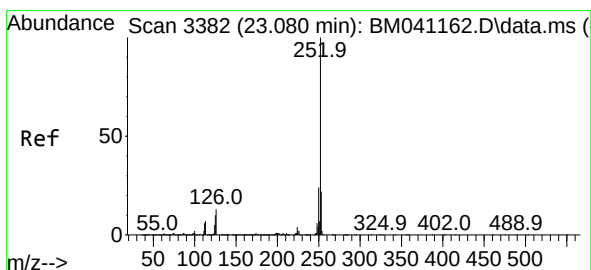
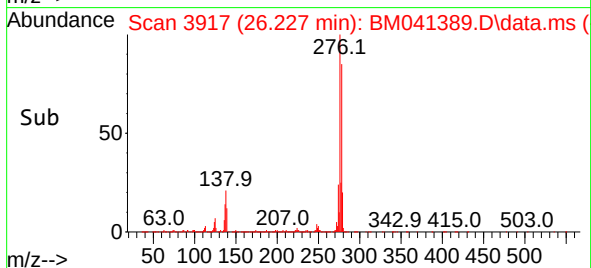
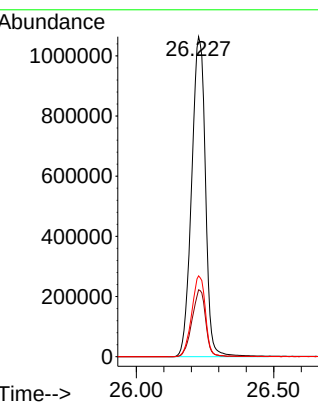
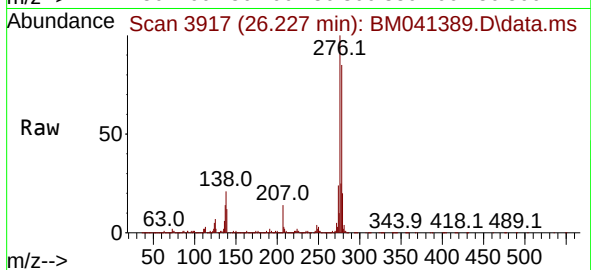
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#88

Benzo(b)fluoranthene

Concen: 46.513 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

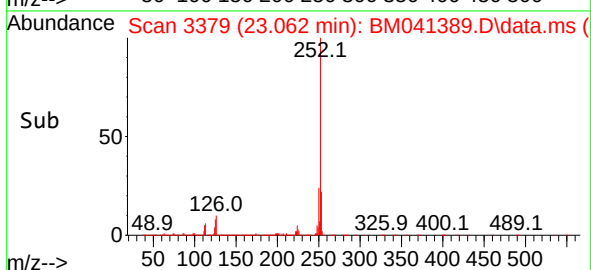
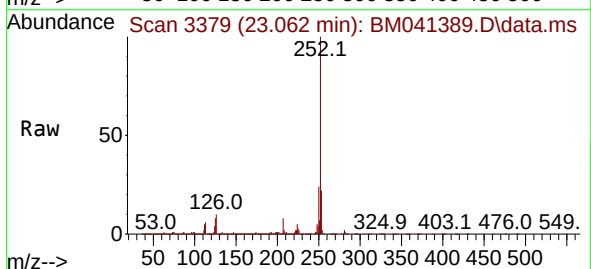
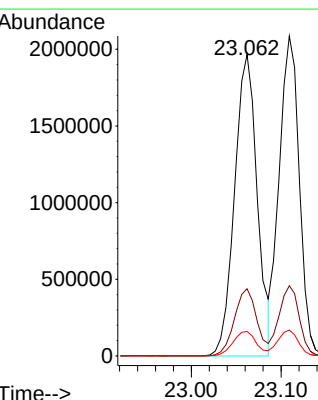
Tgt Ion:252 Resp: 3444825

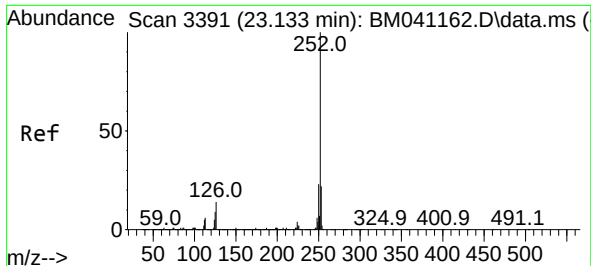
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.1 8.2 12.4#





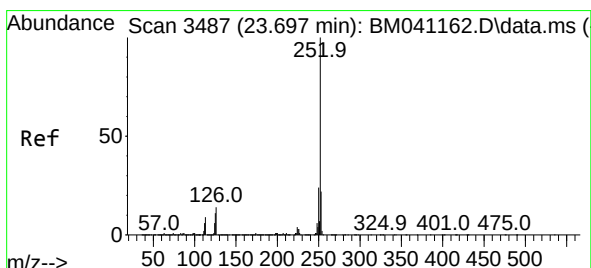
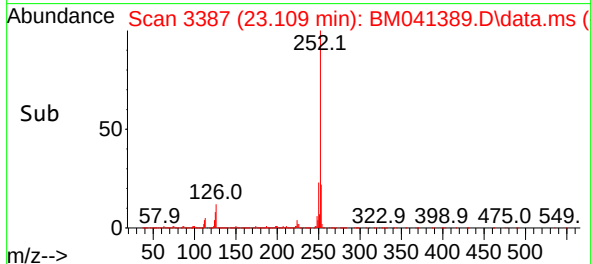
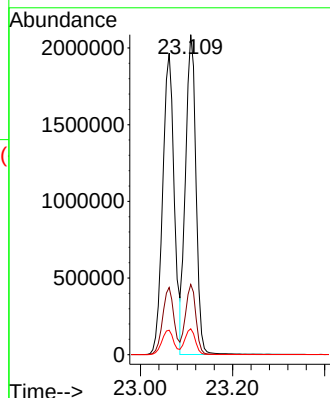
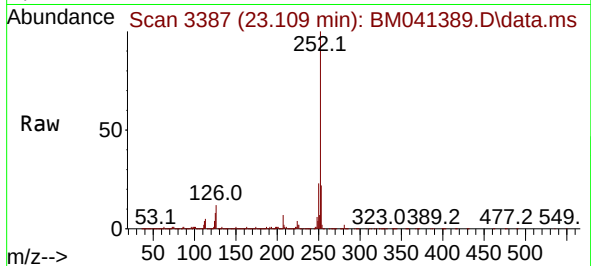
#89
Benzo(k)fluoranthene
Concen: 43.120 ng
RT: 23.109 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Tgt Ion:252 Resp: 326663
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.1 7.6 11.4

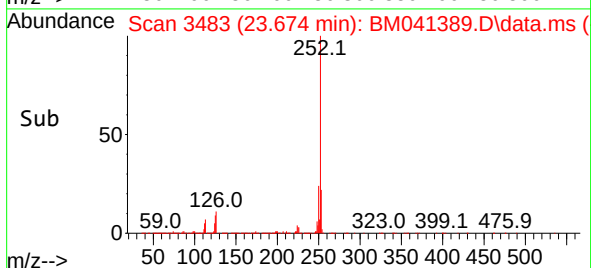
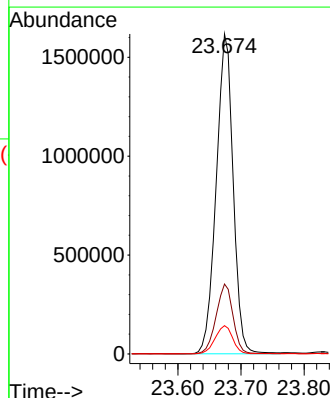
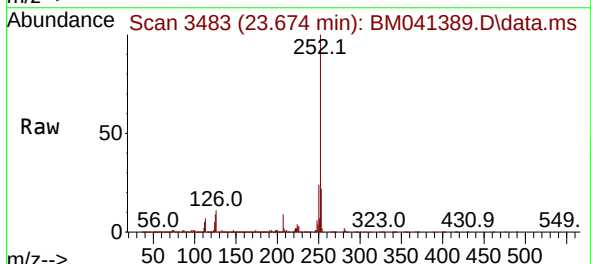
Manual Integrations
APPROVED

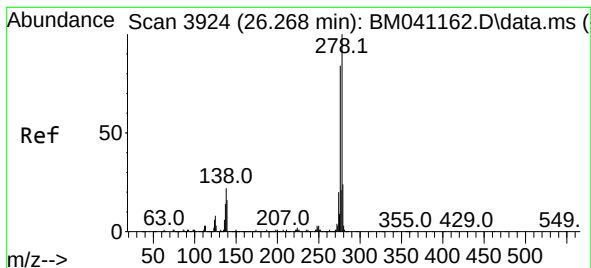
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#90
Benzo(a)pyrene
Concen: 42.248 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:252 Resp: 3006473
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.8 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 41.120 ng

RT: 26.238 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:278 Resp: 314361

Ion Ratio Lower Upper

278 100

139 13.3 12.7 19.1

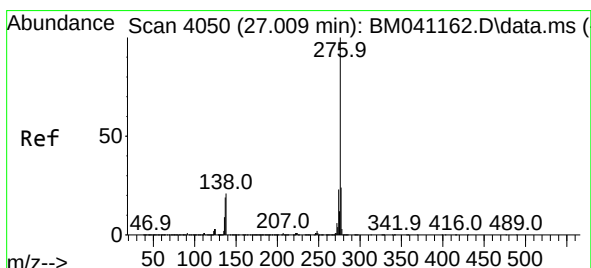
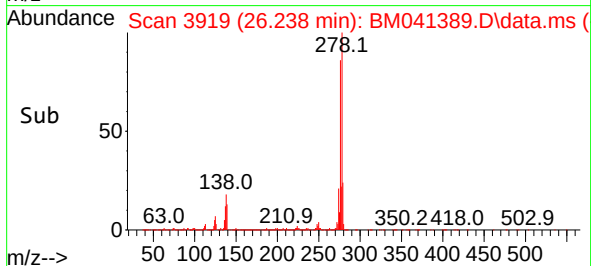
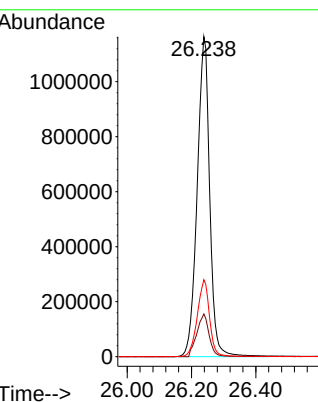
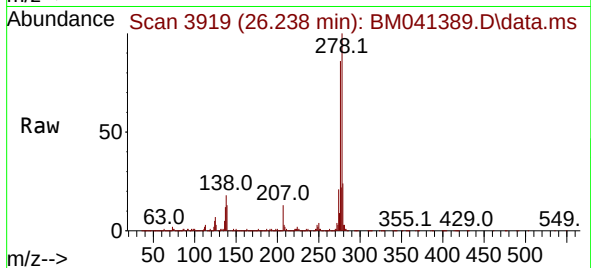
279 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#92

Benzo(g,h,i)perylene

Concen: 37.892 ng

RT: 26.985 min Scan# 4046

Delta R.T. 0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Tgt Ion:276 Resp: 2834518

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.2 17.1 25.7

