

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044739.D
 Acq On : 22 Mar 2024 17:50
 Operator : MA/JU
 Sample : PB159682BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159682BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 18:22:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	187517	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	708573	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	376713	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	684205	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	588703	20.000	ng	-0.02
86) Perylene-d12	23.527	264	664511	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1753701	134.277	ng	0.00
7) Phenol-d6	6.875	99	2115114	125.884	ng	0.00
23) Nitrobenzene-d5	8.851	82	1301788	88.508	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	578604	139.255	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2449315	89.544	ng	-0.02
79) Terphenyl-d14	19.727	244	3108148	92.360	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	206509	37.619	ng	94
3) Pyridine	3.681	79	527509	34.748	ng	95
4) n-Nitrosodimethylamine	3.610	42	283614	46.618	ng	87
6) Aniline	7.034	93	436745	21.947	ng	99
8) 2-Chlorophenol	7.257	128	611438	47.003	ng	99
9) Benzaldehyde	6.851	77	166466m	18.917	ng	
10) Phenol	6.898	94	761910	45.405	ng	97
11) bis(2-Chloroethyl)ether	7.134	93	600636	43.839	ng	98
12) 1,3-Dichlorobenzene	7.575	146	663184	47.413	ng	99
13) 1,4-Dichlorobenzene	7.722	146	674564	47.850	ng	99
14) 1,2-Dichlorobenzene	8.034	146	643120	47.837	ng	100
15) Benzyl Alcohol	7.940	79	501576	45.406	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	885638m	46.624	ng	
17) 2-Methylphenol	8.134	107	483162	42.219	ng	98
18) Hexachloroethane	8.745	117	261590	50.193	ng	99
19) n-Nitroso-di-n-propyla...	8.498	70	395074	38.502	ng	96
20) 3+4-Methylphenols	8.463	107	654335	42.369	ng	99
22) Acetophenone	8.516	105	867486	46.600	ng	# 98
24) Nitrobenzene	8.892	77	653460	44.945	ng	99
25) Isophorone	9.410	82	1158500	45.652	ng	100
26) 2-Nitrophenol	9.592	139	310626	49.512	ng	99
27) 2,4-Dimethylphenol	9.651	122	402539	36.485	ng	98
28) bis(2-Chloroethoxy)met...	9.898	93	738890	43.846	ng	99
29) 2,4-Dichlorophenol	10.116	162	501917	47.732	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	537066	48.010	ng	100
31) Naphthalene	10.516	128	1756808	45.177	ng	100
32) Benzoic acid	9.804	122	324548	37.699	ng	99
33) 4-Chloroaniline	10.639	127	328762	20.152	ng	99
34) Hexachlorobutadiene	10.781	225	303607	48.677	ng	99
35) Caprolactam	11.445	113	148791m	43.866	ng	
36) 4-Chloro-3-methylphenol	11.763	107	512913	44.452	ng	100
37) 2-Methylnaphthalene	12.133	142	1127763	42.728	ng	98
38) 1-Methylnaphthalene	12.351	142	1038413	42.214	ng	98
40) 1,2,4,5-Tetrachloroben...	12.498	216	521148	48.750	ng	99
41) Hexachlorocyclopentadiene	12.469	237	671952	110.335	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	354188	49.067	ng	98

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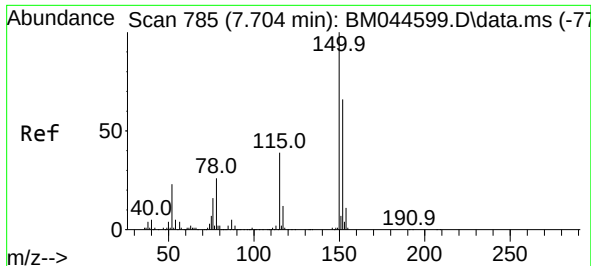
Manual Integrations
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 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 18:22:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	375644	43.918	ng	98
46) 1,1'-Biphenyl	13.157	154	1376719	46.727	ng	99
47) 2-Chloronaphthalene	13.198	162	1045269	47.976	ng	98
48) 2-Nitroaniline	13.422	65	342213	46.292	ng	99
49) Acenaphthylene	14.051	152	1714055	48.294	ng	100
50) Dimethylphthalate	13.804	163	1244141	44.154	ng	100
51) 2,6-Dinitrotoluene	13.927	165	266023	45.337	ng	99
52) Acenaphthene	14.398	154	954577	44.492	ng	99
53) 3-Nitroaniline	14.257	138	190271	27.692	ng	97
54) 2,4-Dinitrophenol	14.469	184	315985	82.179	ng	96
55) Dibenzofuran	14.733	168	1512518	44.419	ng	99
56) 4-Nitrophenol	14.569	139	509872	90.356	ng	94
57) 2,4-Dinitrotoluene	14.716	165	362738	47.312	ng	93
58) Fluorene	15.386	166	1188513	44.821	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	304490	45.852	ng	99
60) Diethylphthalate	15.174	149	1258044	44.105	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	567055	44.545	ng	100
62) 4-Nitroaniline	15.427	138	296569m	43.210	ng	
63) Azobenzene	15.680	77	1339832	45.441	ng	99
65) 4,6-Dinitro-2-methylph...	15.480	198	203963	47.534	ng	97
66) n-Nitrosodiphenylamine	15.604	169	1014195	47.562	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	332938	47.044	ng	95
68) Hexachlorobenzene	16.380	284	384407	51.098	ng	99
69) Atrazine	16.568	200	329416	49.437	ng	100
70) Pentachlorophenol	16.733	266	528460	97.657	ng	99
71) Phenanthrene	17.127	178	1762177	46.605	ng	99
72) Anthracene	17.221	178	1785817	47.092	ng	100
73) Carbazole	17.498	167	1690340	47.327	ng	99
74) Di-n-butylphthalate	18.068	149	2133469	46.358	ng	99
75) Fluoranthene	19.151	202	1907165	45.122	ng	98
77) Benzidine	19.351	184	762026	50.083	ng	99
78) Pyrene	19.515	202	2025469	46.943	ng	99
80) Butylbenzylphthalate	20.433	149	938051	48.240	ng	97
81) Benzo(a)anthracene	21.268	228	1942518	47.422	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	535121	37.931	ng	99
83) Chrysene	21.321	228	1818336	46.455	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1389509	47.431	ng	99
85) Di-n-octyl phthalate	22.103	149	2403701	47.302	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	2318890	48.272	ng	98
88) Benzo(b)fluoranthene	22.856	252	1996771	51.132	ng	99
89) Benzo(k)fluoranthene	22.903	252	1865155	46.459	ng	99
90) Benzo(a)pyrene	23.427	252	1818432	47.741	ng	100
91) Dibenzo(a,h)anthracene	25.809	278	1914520	47.274	ng	98
92) Benzo(g,h,i)perylene	26.480	276	1811126	45.430	ng	98

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



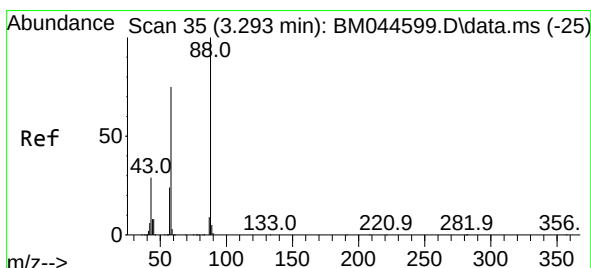
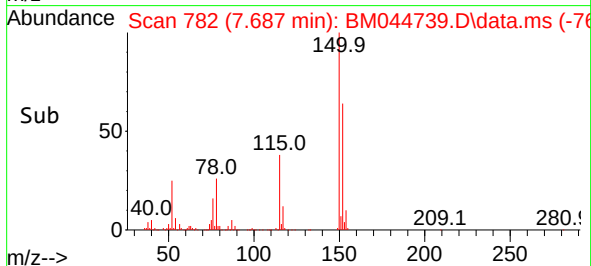
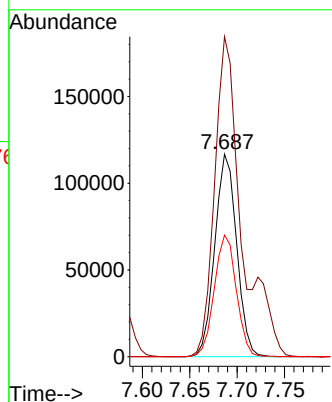
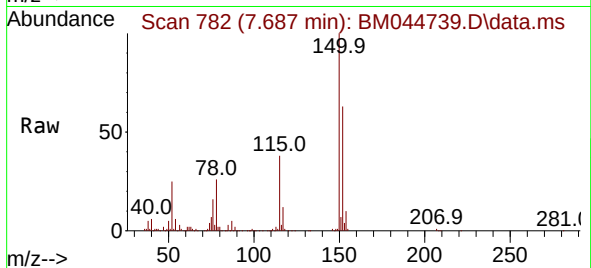
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :
BNA_M
ClientSampleId :
PB159682BS

Tgt Ion:152 Resp: 18751
Ion Ratio Lower Upper
152 100
150 158.0 121.9 182.9
115 60.0 47.1 70.7

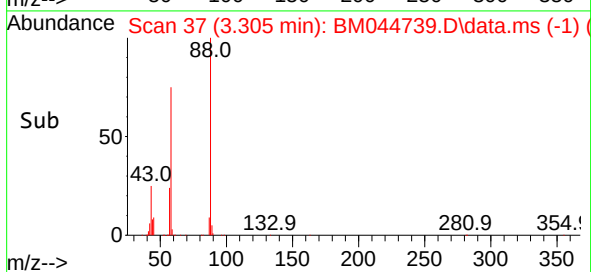
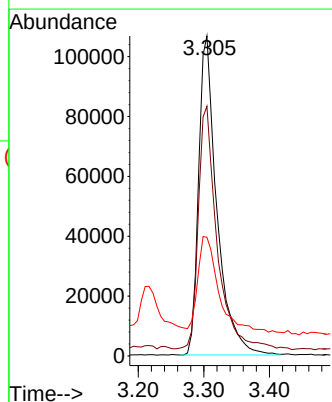
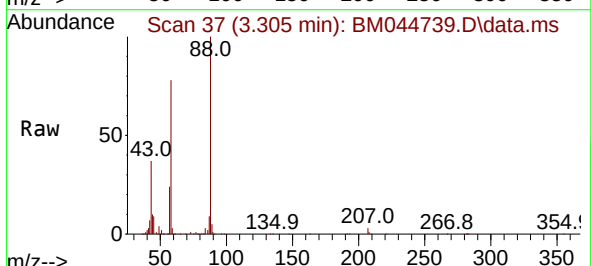
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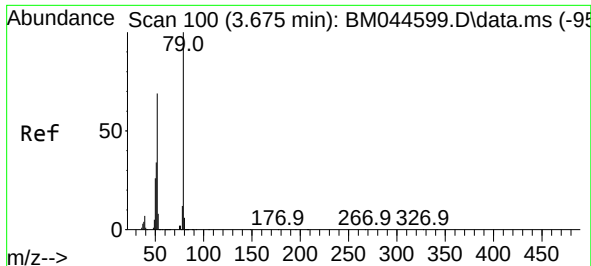
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#2
1,4-Dioxane
Concen: 37.619 ng
RT: 3.305 min Scan# 37
Delta R.T. 0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 88 Resp: 206509
Ion Ratio Lower Upper
88 100
58 79.2 60.2 90.2
43 35.1 23.5 35.3





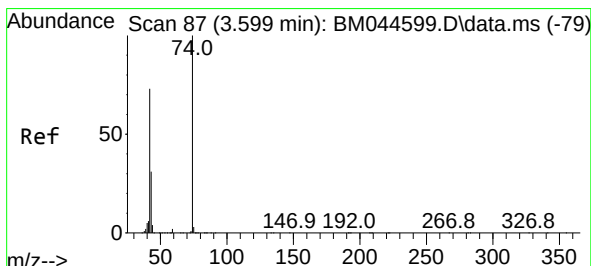
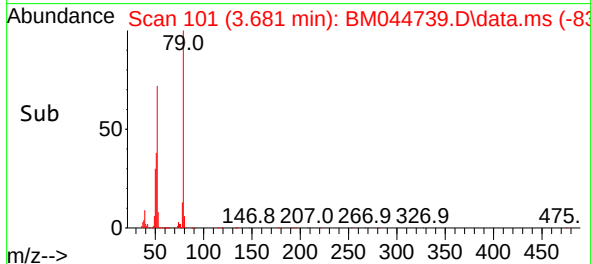
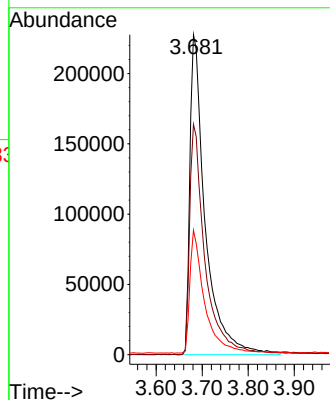
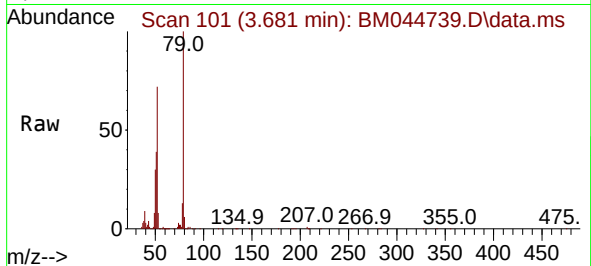
#3
Pyridine
Concen: 34.748 ng
RT: 3.681 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :
BNA_M
ClientSampleId :
PB159682BS

Tgt Ion: 79 Resp: 527509
Ion Ratio Lower Upper
79 100
52 72.0 55.5 83.3
51 38.9 27.7 41.5

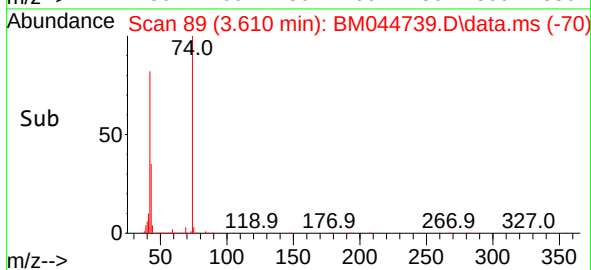
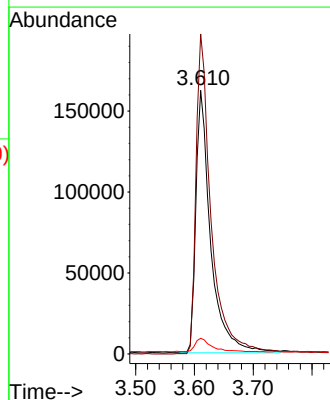
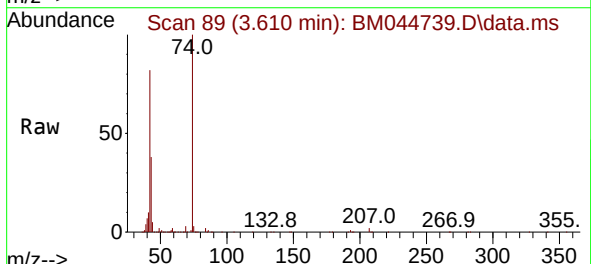
Manual Integrations
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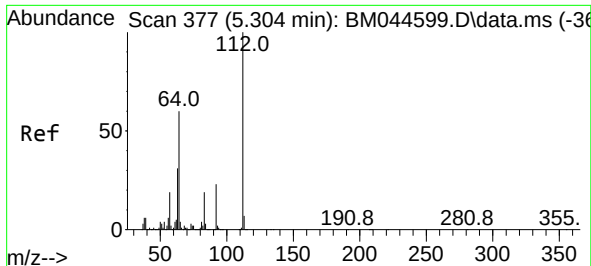
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#4
n-Nitrosodimethylamine
Concen: 46.618 ng
RT: 3.610 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

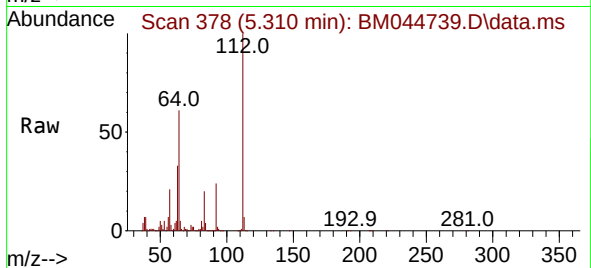
Tgt Ion: 42 Resp: 283614
Ion Ratio Lower Upper
42 100
74 121.4 109.7 164.5
44 6.0 5.4 8.0





#5
2-Fluorophenol
Concen: 134.277 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

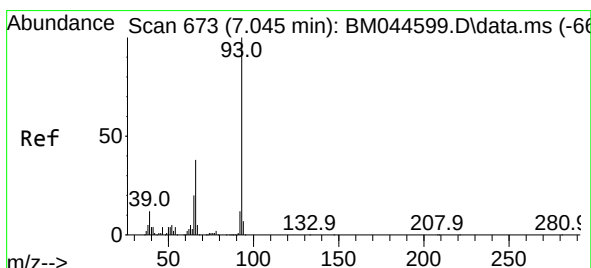
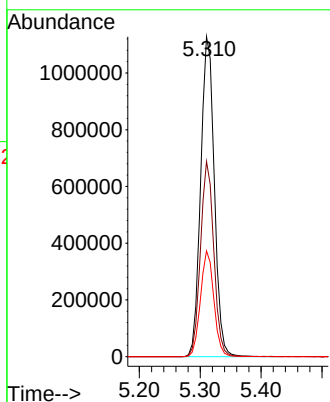
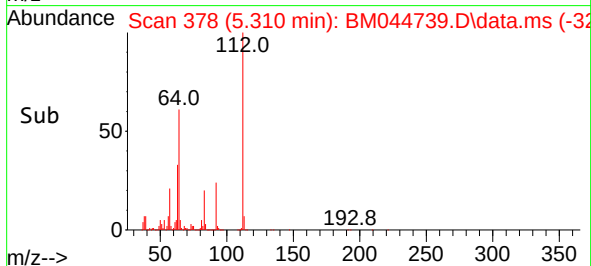
Instrument :
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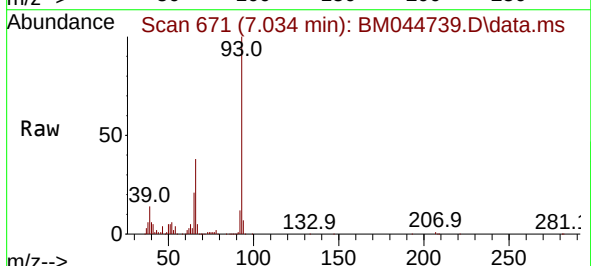
Tgt Ion:112 Resp: 175370
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 33.1 25.0 37.4

Manual Integrations
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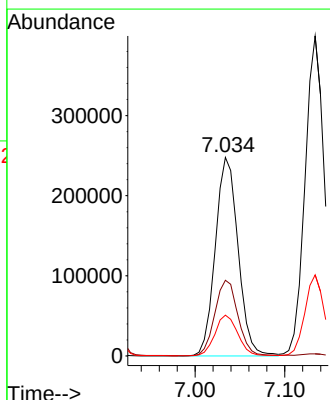
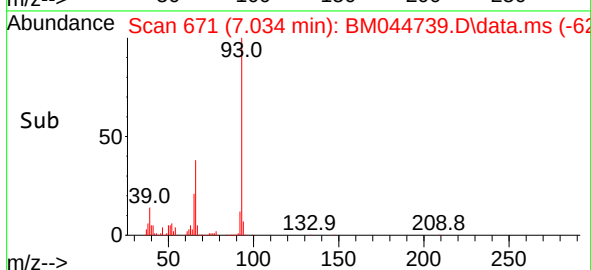
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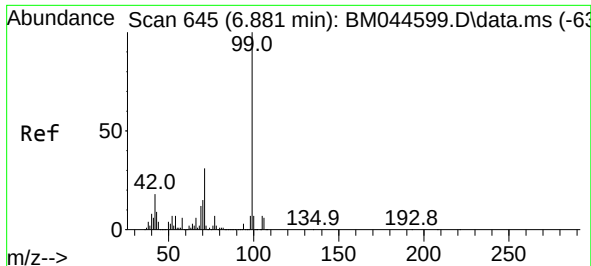


#6
Aniline
Concen: 21.947 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



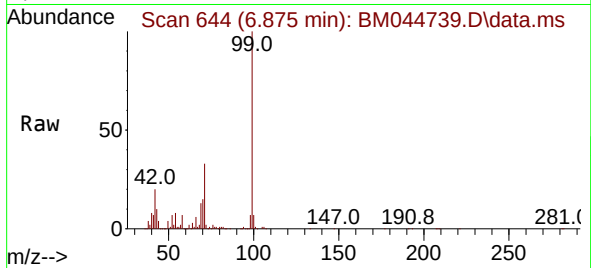
Tgt Ion: 93 Resp: 436745
Ion Ratio Lower Upper
93 100
66 38.1 30.3 45.5
65 20.5 15.7 23.5





#7
Phenol-d6
Concen: 125.884 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

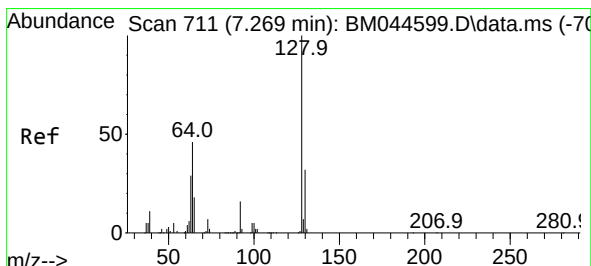
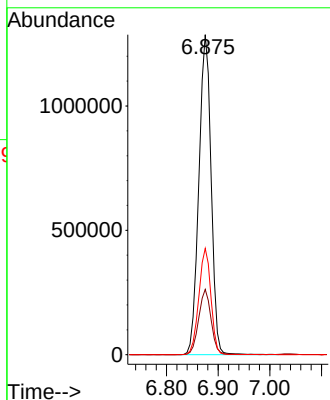
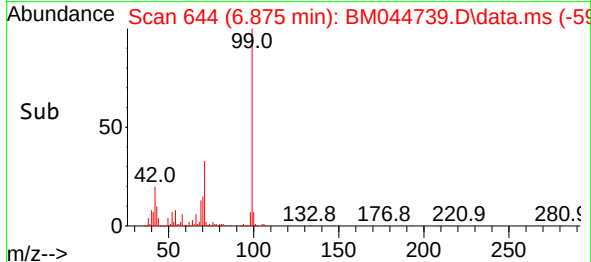
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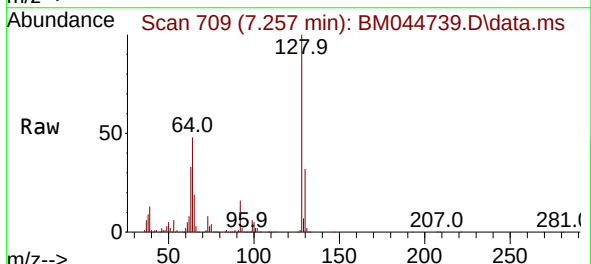
Tgt Ion: 99 Resp: 2115114
Ion Ratio Lower Upper
99 100
42 20.4 14.3 21.5
71 33.2 24.5 36.7

Manual Integrations
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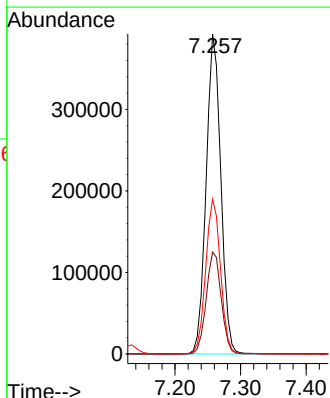
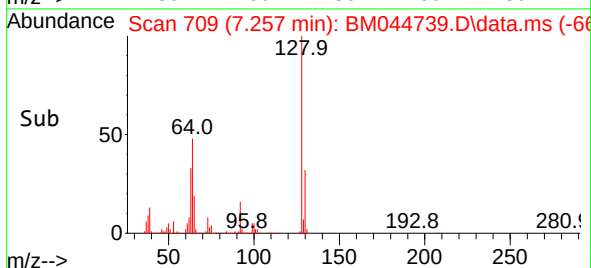
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

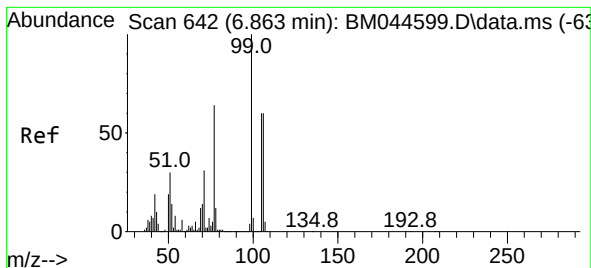


#8
2-Chlorophenol
Concen: 47.003 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



Tgt Ion:128 Resp: 611438
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 48.4 29.4 69.4





#9

Benzaldehyde

Concen: 18.917 ng m

RT: 6.851 min Scan# 64

Delta R.T. -0.012 min

Lab File: BM044739.D

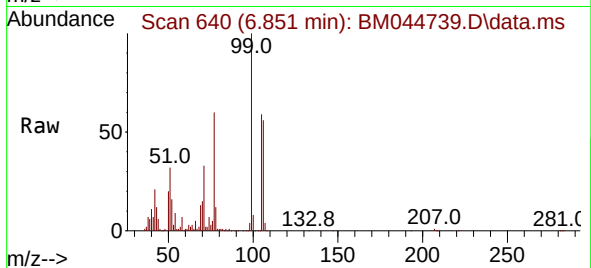
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



Tgt Ion: 77 Resp: 16646

Ion Ratio Lower Upper

77 100

105 98.0 74.4 114.4

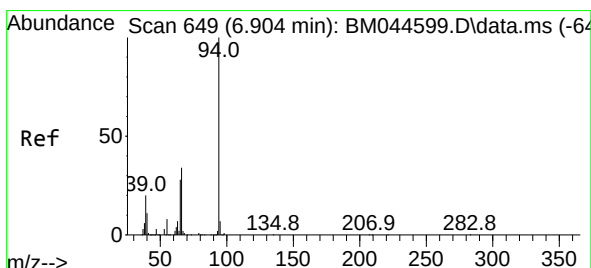
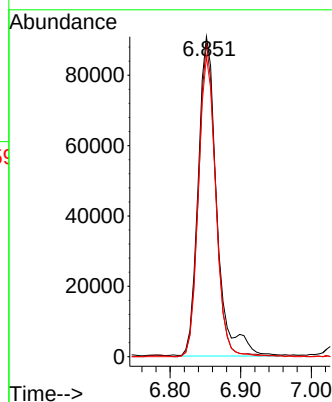
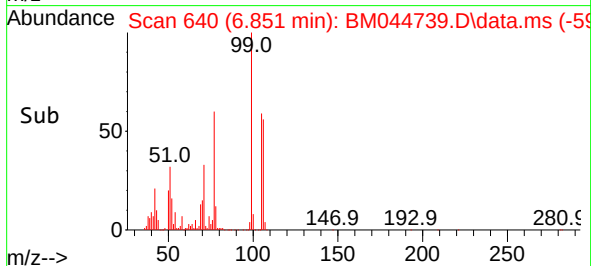
106 93.8 74.1 114.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#10

Phenol

Concen: 45.405 ng

RT: 6.898 min Scan# 648

Delta R.T. -0.006 min

Lab File: BM044739.D

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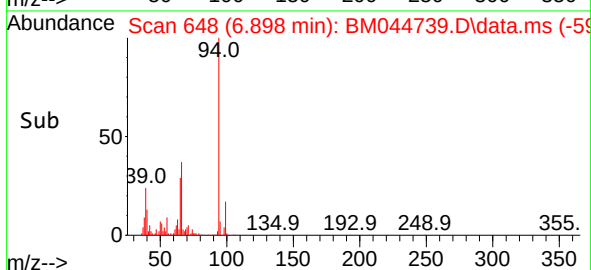
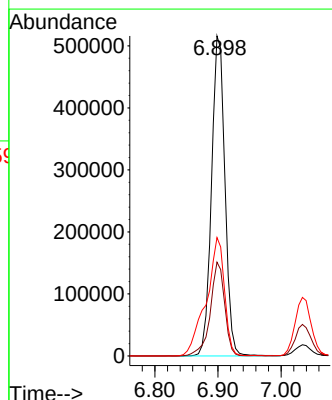
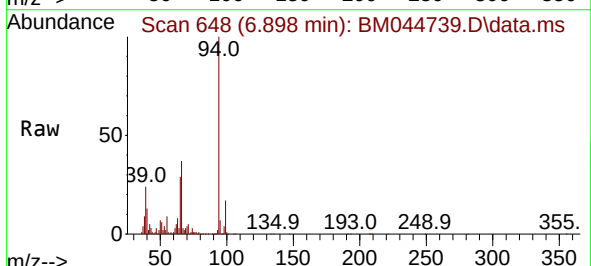
Tgt Ion: 94 Resp: 761910

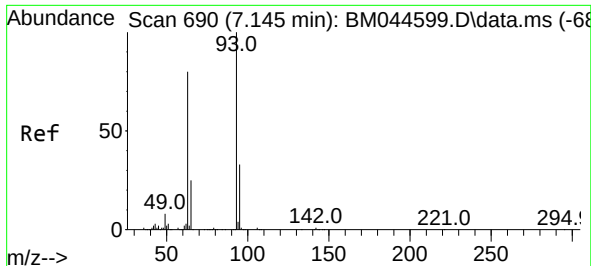
Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

66 37.0 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 43.839 ng
RT: 7.134 min Scan# 608
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

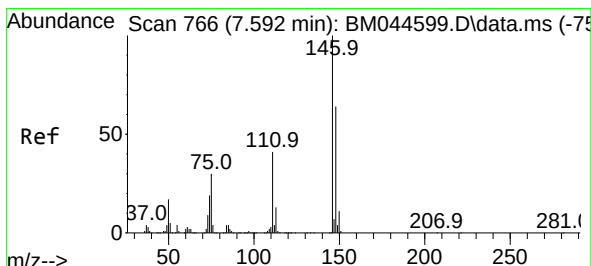
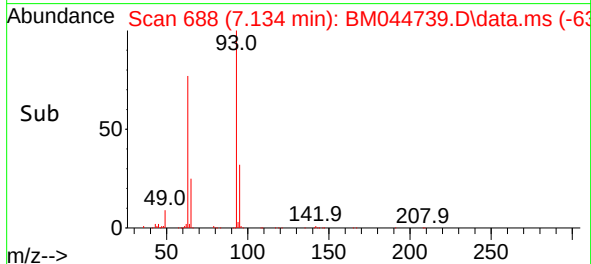
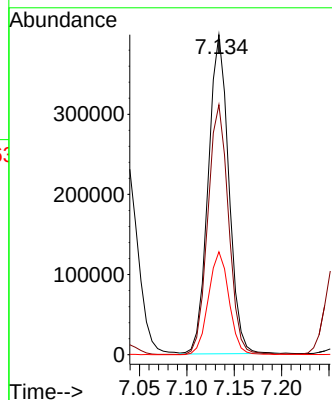
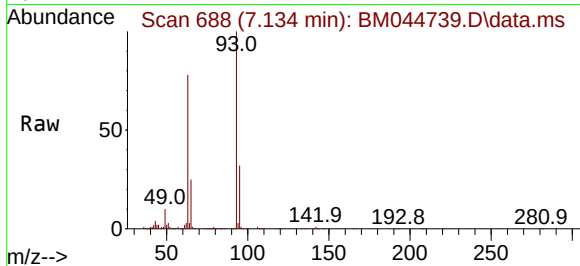
ClientSampleId :

PB159682BS

Tgt Ion: 93 Resp: 600630
Ion Ratio Lower Upper
93 100
63 78.1 59.8 99.8
95 32.2 12.5 52.5

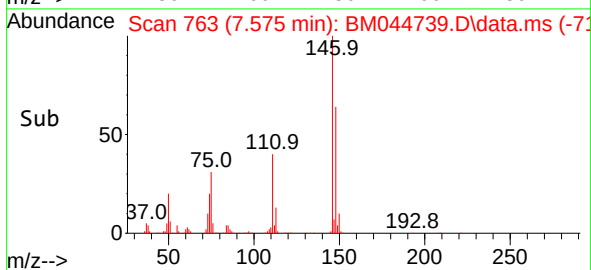
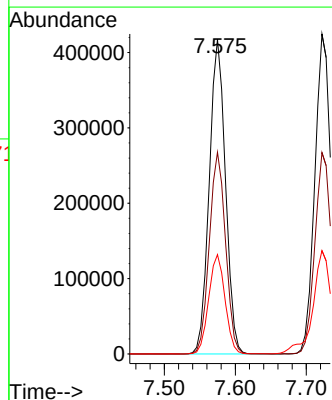
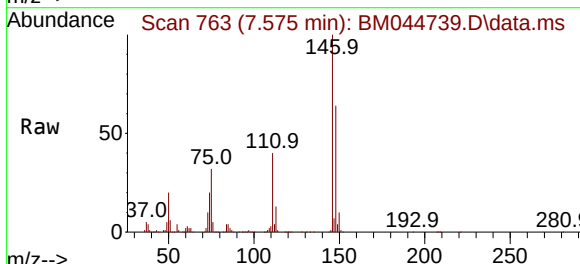
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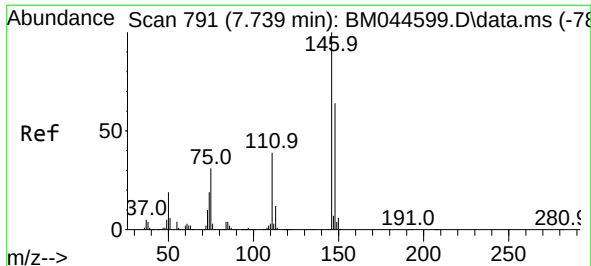
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#12
1,3-Dichlorobenzene
Concen: 47.413 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:146 Resp: 663184
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 31.5 24.1 36.1





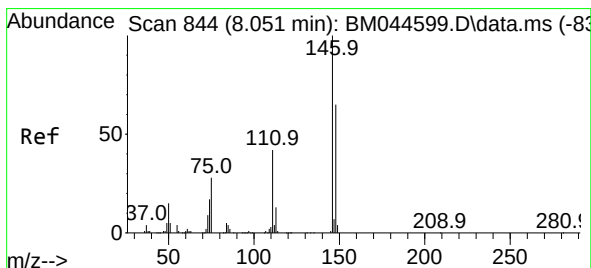
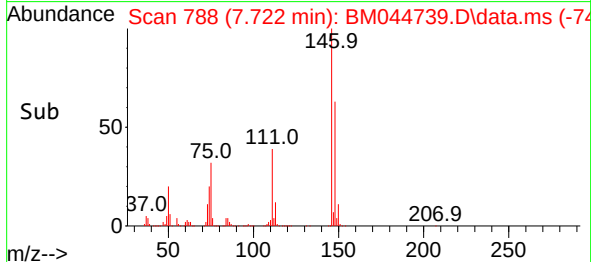
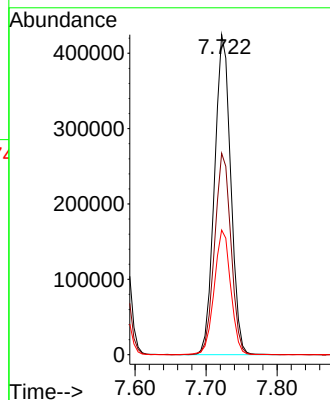
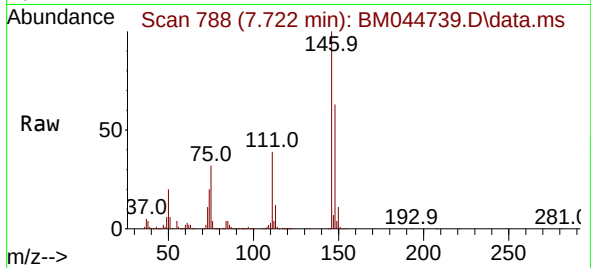
#13
1,4-Dichlorobenzene
Concen: 47.850 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :
BNA_M
ClientSampleId :
PB159682BS

Tgt Ion:146 Resp: 674564
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 38.9 31.4 47.2

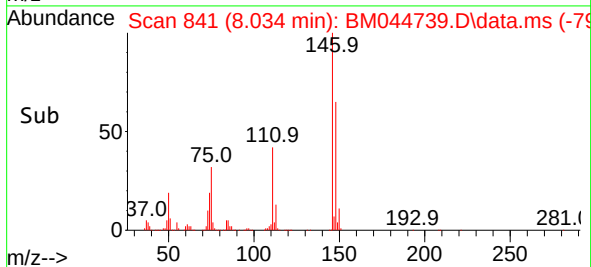
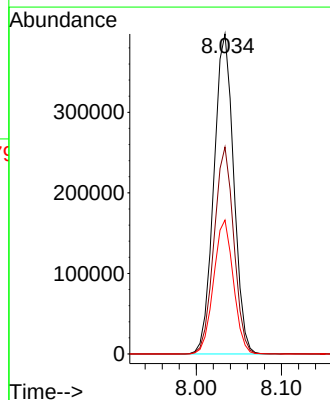
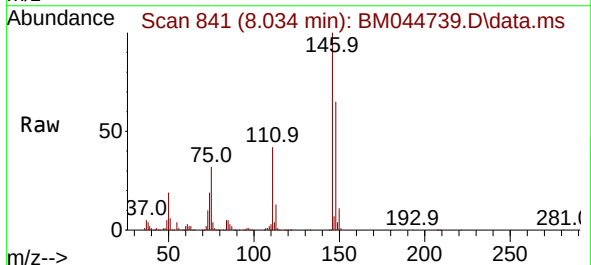
Manual Integrations
APPROVED

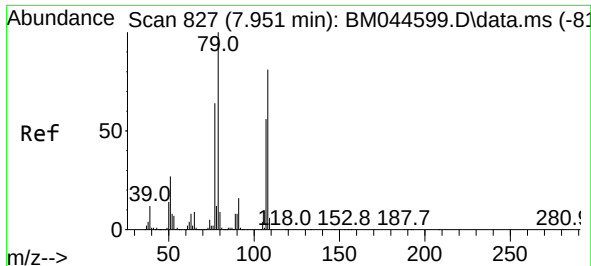
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#14
1,2-Dichlorobenzene
Concen: 47.837 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:146 Resp: 643120
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 41.9 33.4 50.2





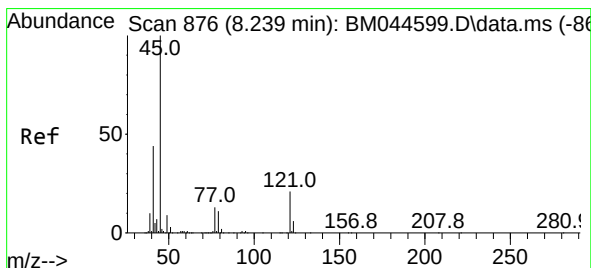
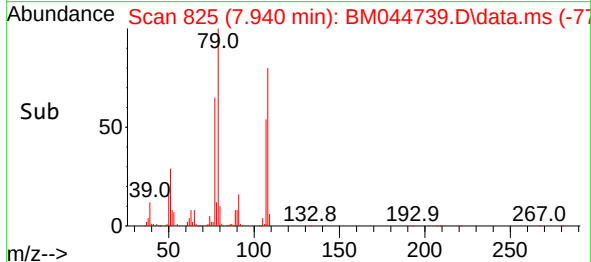
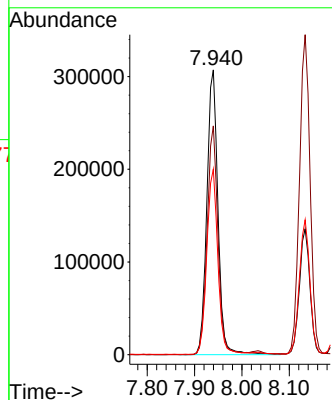
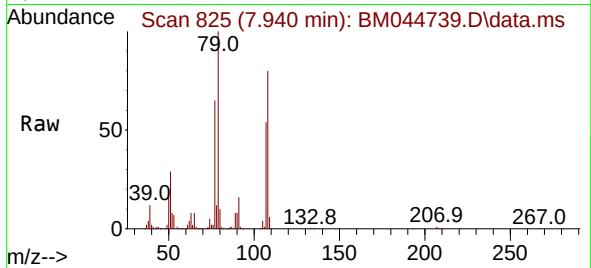
#15
Benzyl Alcohol
Concen: 45.406 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :
BNA_M
ClientSampleId :
PB159682BS

Tgt Ion: 79 Resp: 501570
Ion Ratio Lower Upper
79 100
108 80.3 65.0 97.6
77 65.1 51.7 77.5

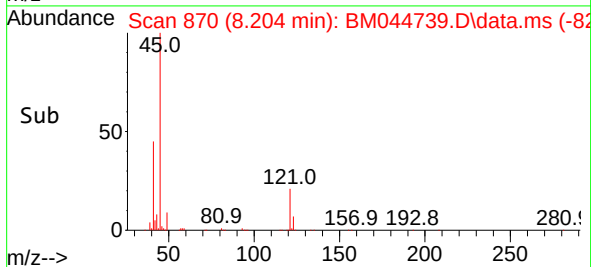
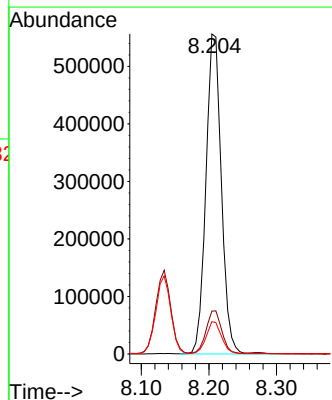
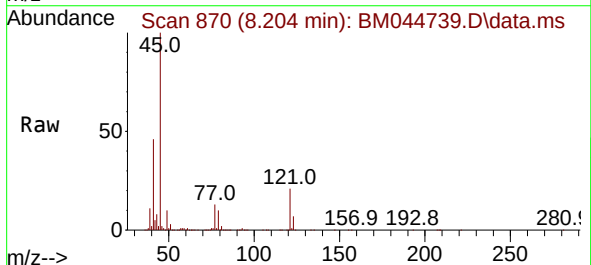
Manual Integrations
APPROVED

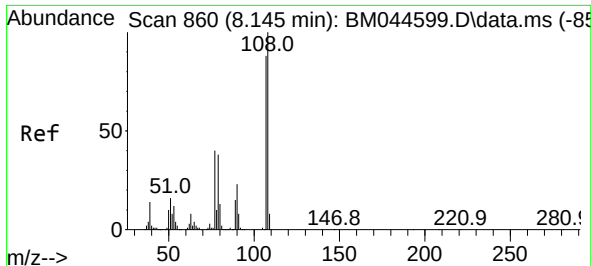
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.624 ng m
RT: 8.204 min Scan# 870
Delta R.T. -0.035 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 45 Resp: 885638
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.7
79 10.1 0.0 31.2





#17

2-Methylphenol

Concen: 42.219 ng

RT: 8.134 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM044739.D

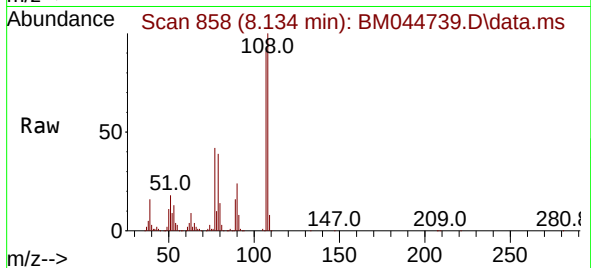
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



Tgt Ion:107 Resp: 48316

Ion Ratio Lower Upper

107 100

108 110.2 90.7 136.1

77 46.4 36.2 54.2

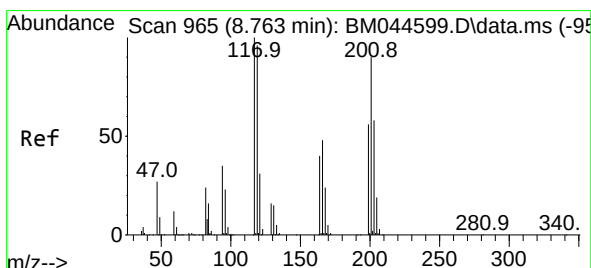
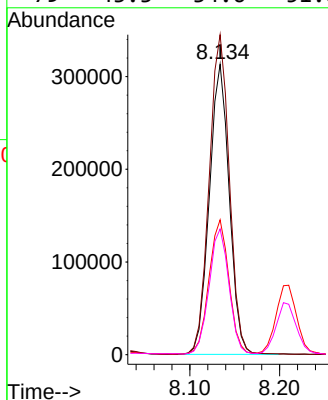
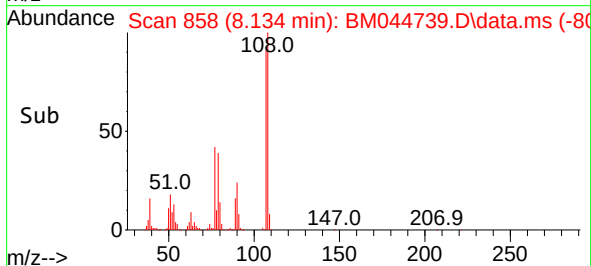
79 43.3 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#18

Hexachloroethane

Concen: 50.193 ng

RT: 8.745 min Scan# 962

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

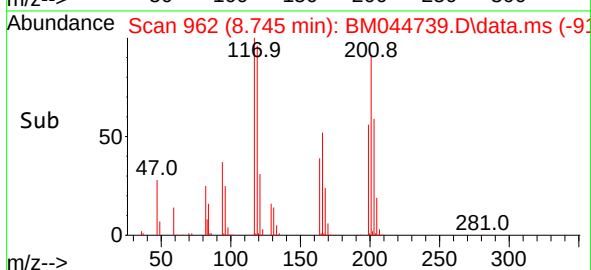
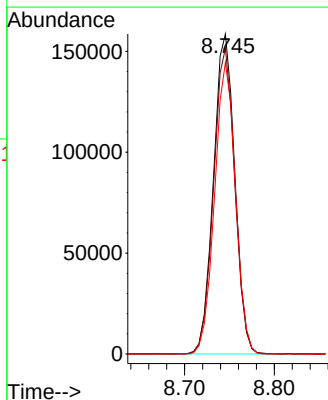
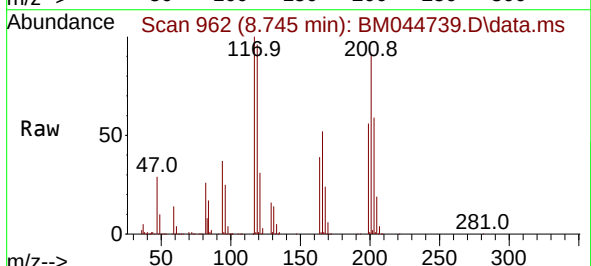
Tgt Ion:117 Resp: 261590

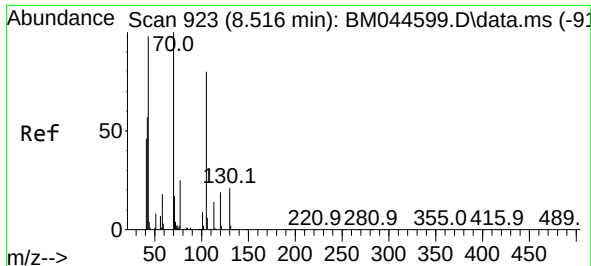
Ion Ratio Lower Upper

117 100

119 95.5 76.8 115.2

201 91.1 72.3 108.5





#19

n-Nitroso-di-n-propylamine

Concen: 38.502 ng

RT: 8.498 min Scan# 914

Delta R.T. -0.017 min

Lab File: BM044739.D

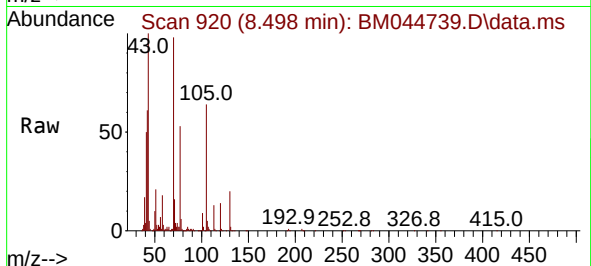
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



Tgt Ion: 70 Resp: 395074

Ion Ratio Lower Upper

70 100

42 62.3 46.6 69.8

101 9.4 7.6 11.4

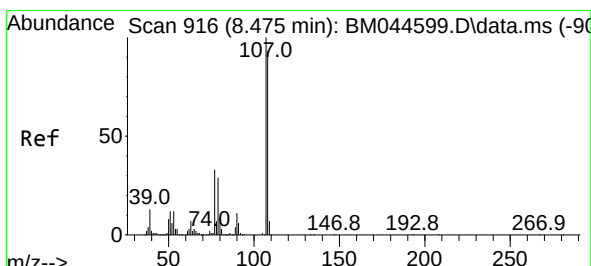
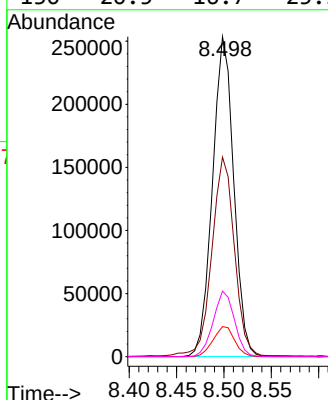
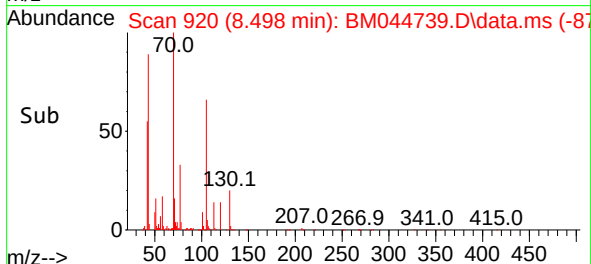
130 20.5 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#20

3+4-Methylphenols

Concen: 42.369 ng

RT: 8.463 min Scan# 914

Delta R.T. -0.012 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Tgt Ion:107 Resp: 654335

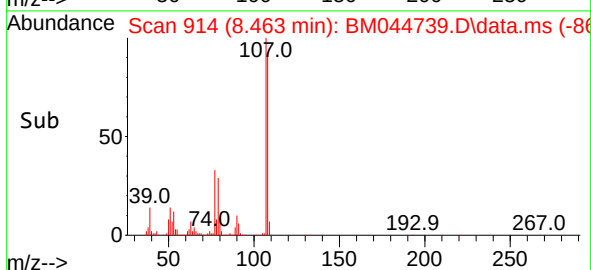
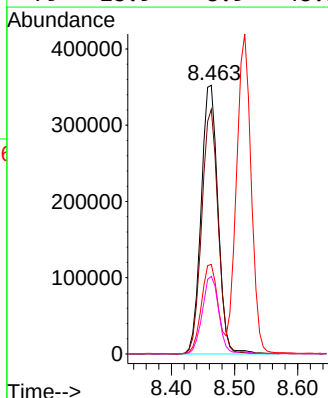
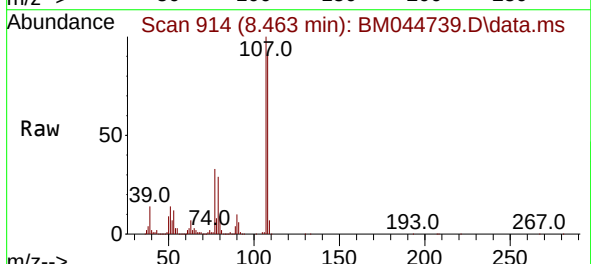
Ion Ratio Lower Upper

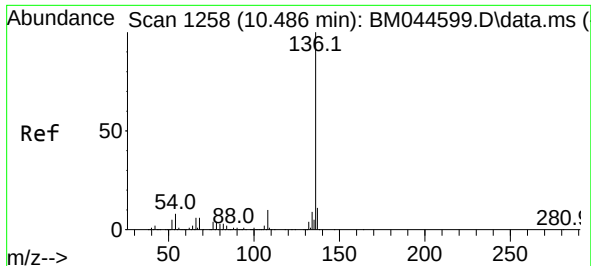
107 100

108 91.0 72.7 112.7

77 33.4 13.3 53.3

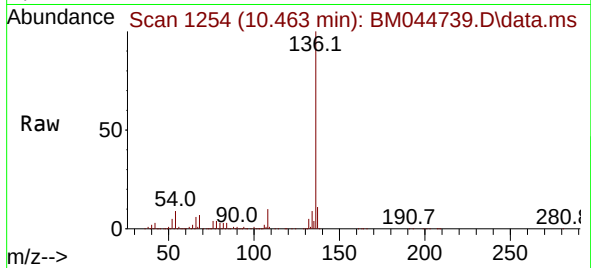
79 28.9 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

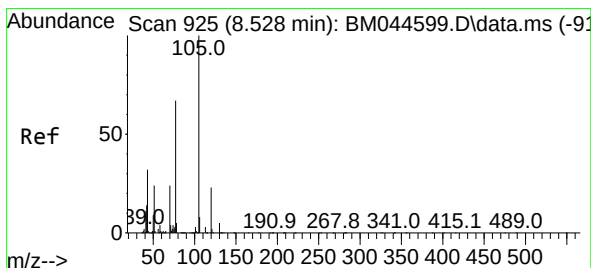
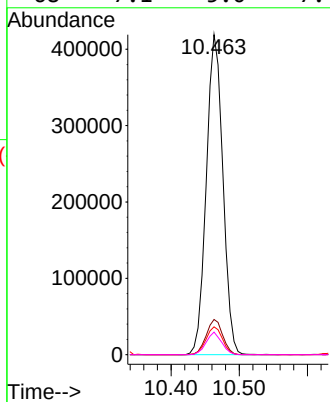
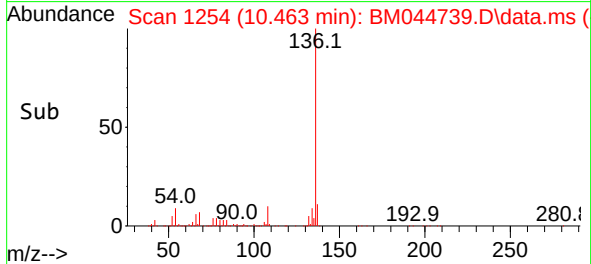
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion:136 Resp: 70857
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 6.6 10.0
68 7.1 5.0 7.4

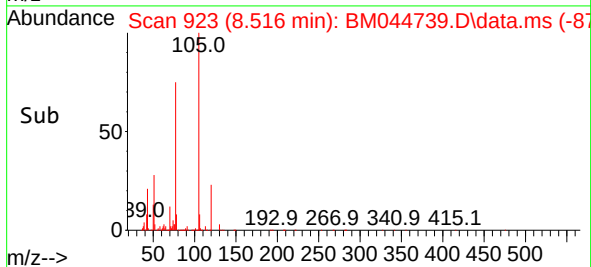
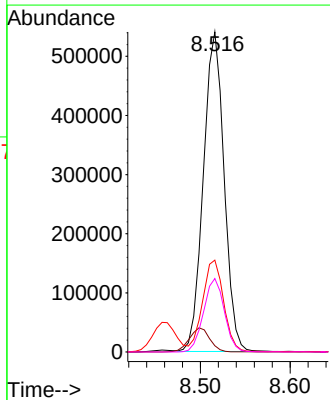
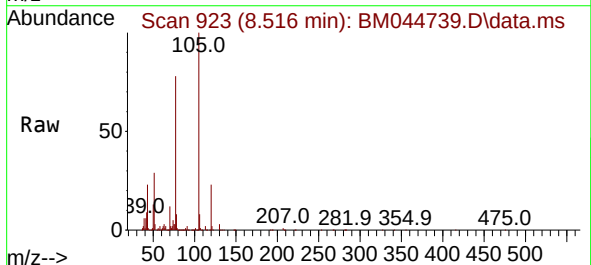
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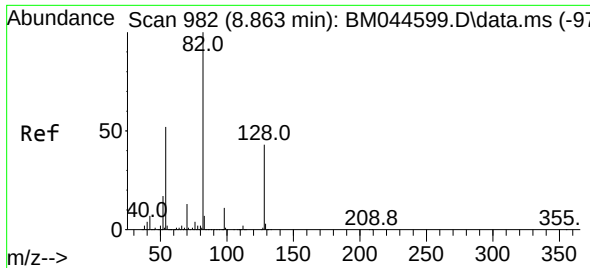
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#22
Acetophenone
Concen: 46.600 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

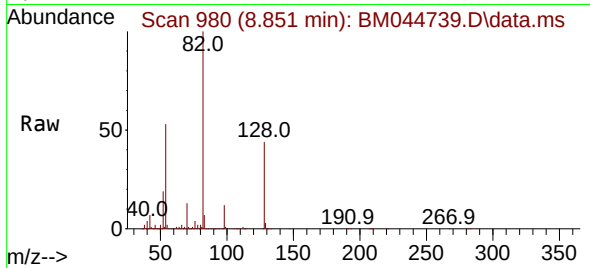
Tgt Ion:105 Resp: 867486
Ion Ratio Lower Upper
105 100
71 2.0 3.4 5.2#
51 28.7 22.2 33.4
120 22.9 18.6 27.8





#23
Nitrobenzene-d5
Concen: 88.508 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

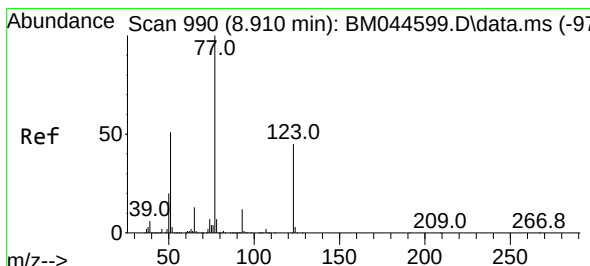
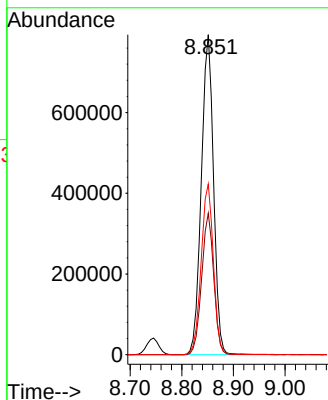
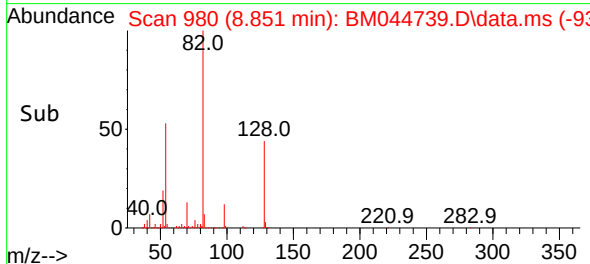
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion: 82 Resp: 130178
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 53.4 41.3 61.9

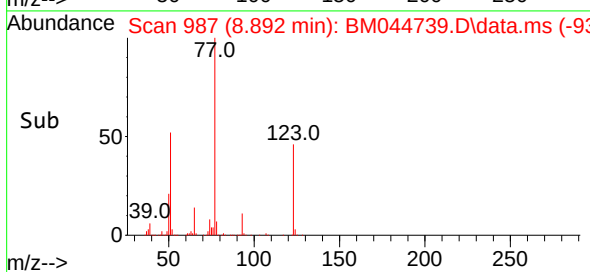
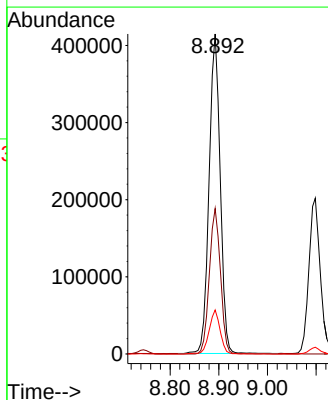
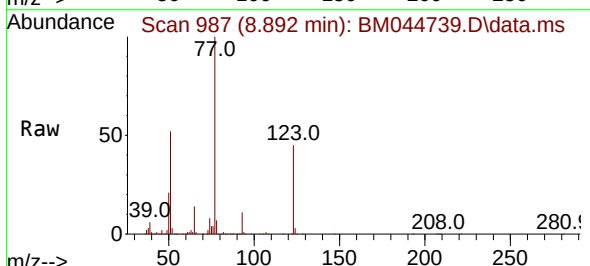
Manual Integrations
APPROVED

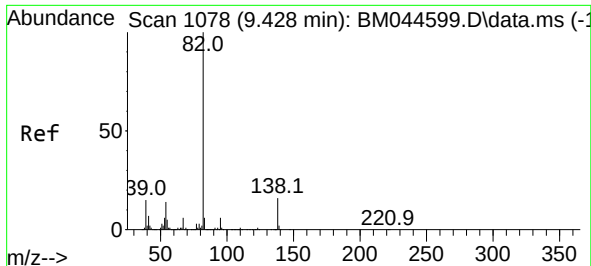
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#24
Nitrobenzene
Concen: 44.945 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 77 Resp: 653460
Ion Ratio Lower Upper
77 100
123 45.4 35.9 53.9
65 13.8 10.7 16.1





#25

Isophorone

Concen: 45.652 ng

RT: 9.410 min Scan# 1107

Delta R.T. -0.018 min

Lab File: BM044739.D

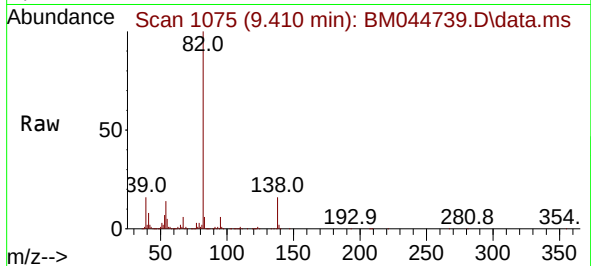
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



Tgt Ion: 82 Resp: 1158500

Ion Ratio Lower Upper

82 100

95 6.2 4.9 7.3

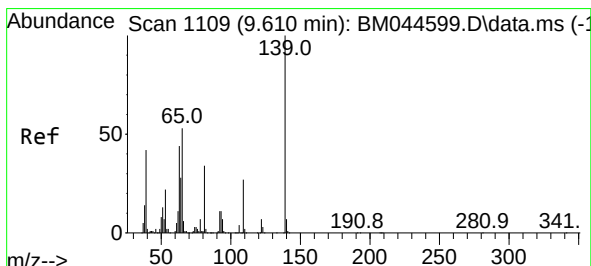
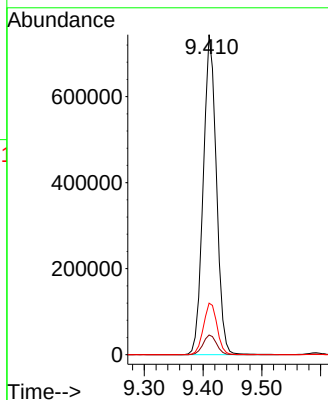
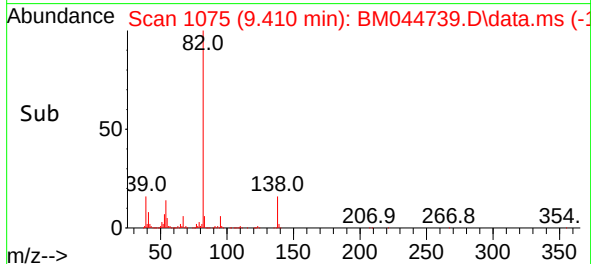
138 16.1 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#26

2-Nitrophenol

Concen: 49.512 ng

RT: 9.592 min Scan# 1106

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

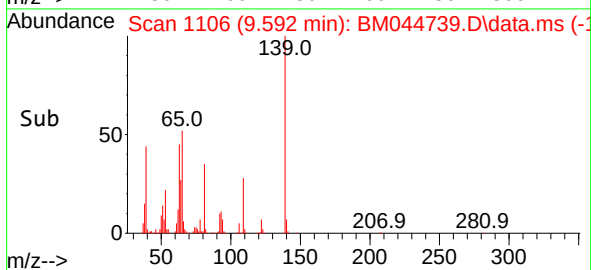
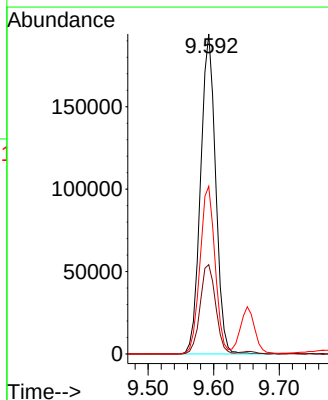
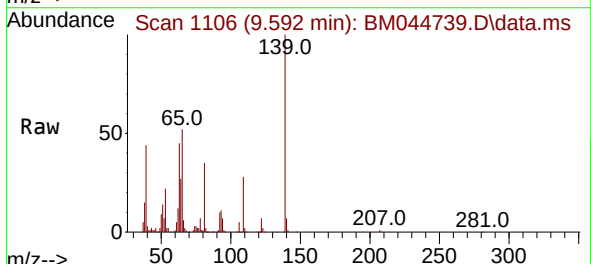
Tgt Ion:139 Resp: 310626

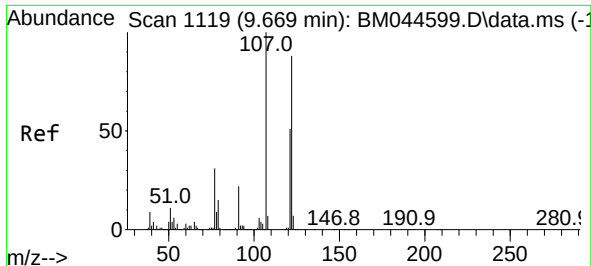
Ion Ratio Lower Upper

139 100

109 27.9 21.2 31.8

65 52.4 42.4 63.6





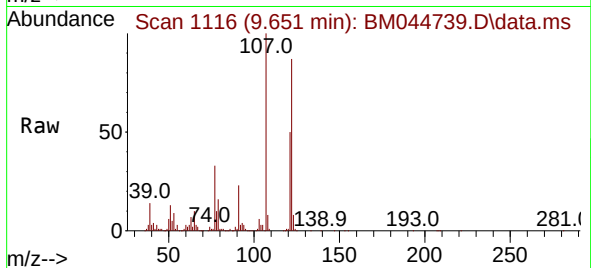
#27
2,4-Dimethylphenol
Concen: 36.485 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



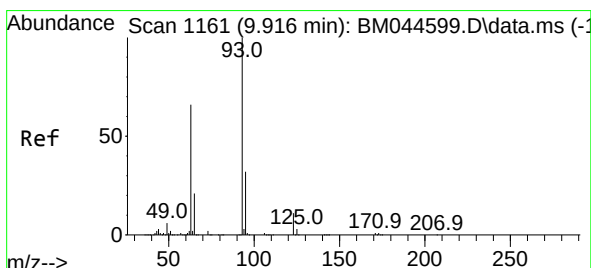
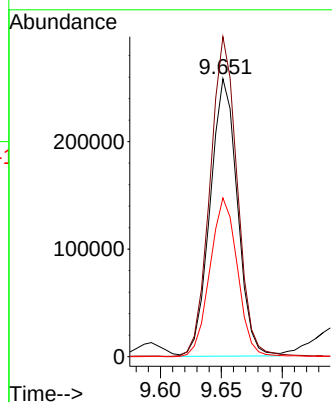
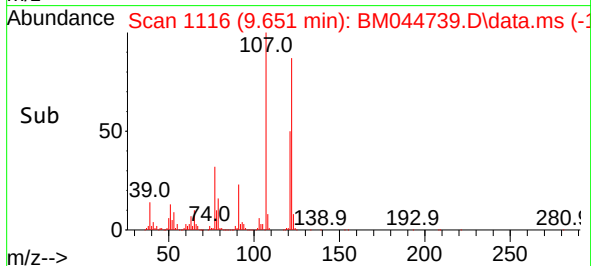
Tgt Ion:122 Resp: 402539
Ion Ratio Lower Upper
122 100
107 115.2 90.5 135.7
121 57.1 46.2 69.4

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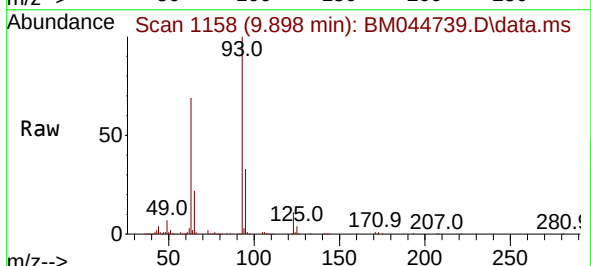
APPROVED

Reviewed By :Yogesh Patel 03/26/2024

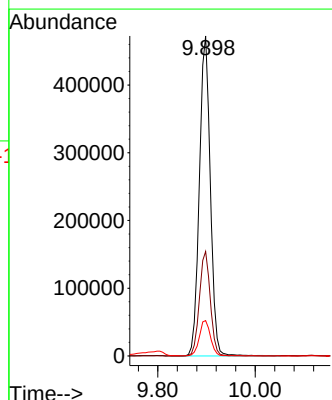
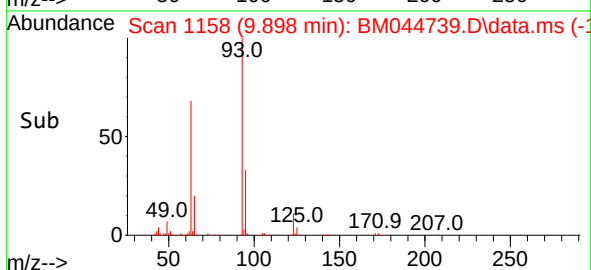
Supervised By :mohammad ahmed 03/26/2024

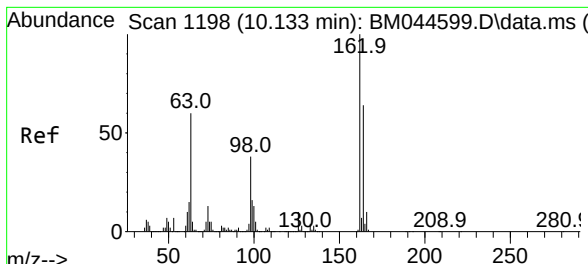


#28
bis(2-Chloroethoxy)methane
Concen: 43.846 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



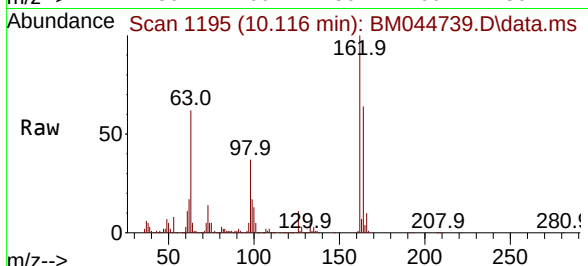
Tgt Ion: 93 Resp: 738890
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 11.0 9.0 13.4





#29
 2,4-Dichlorophenol
 Concen: 47.732 ng
 RT: 10.116 min Scan# 1195
 Delta R.T. -0.018 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

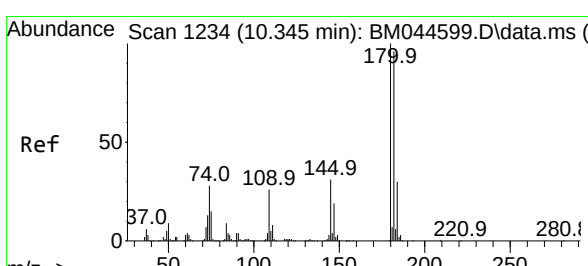
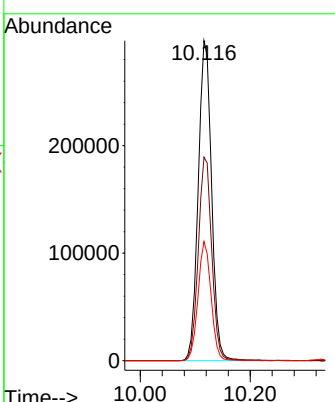
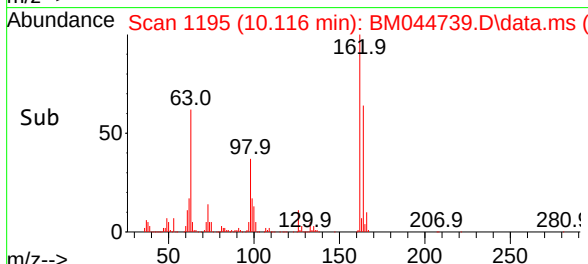
Instrument : BNA_M
 ClientSampleId : PB159682BS



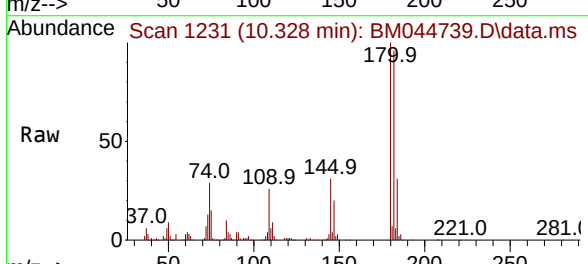
Tgt Ion:162 Resp: 50191

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	37.2	18.0	58.0

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 Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

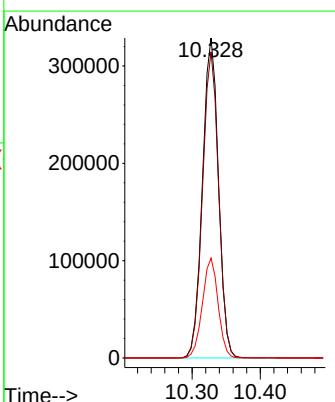
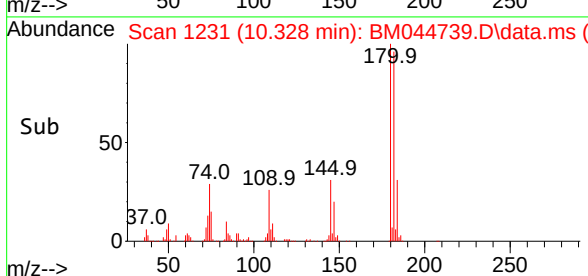


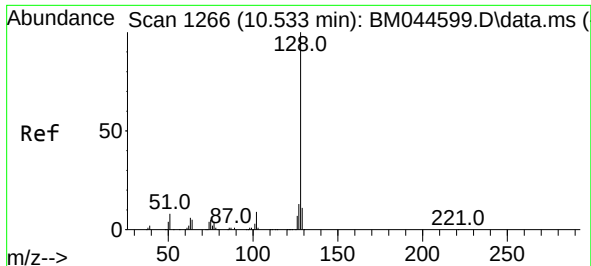
#30
 1,2,4-Trichlorobenzene
 Concen: 48.010 ng
 RT: 10.328 min Scan# 1231
 Delta R.T. -0.018 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50



Tgt Ion:180 Resp: 537066

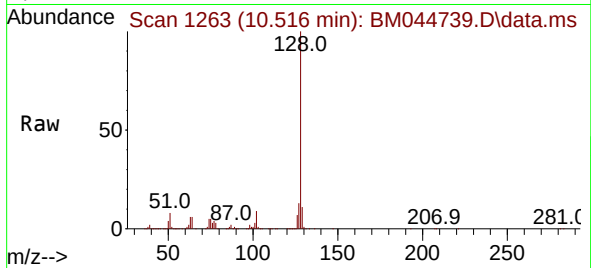
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	115.0
145	31.2	24.6	36.8





#31
Naphthalene
Concen: 45.177 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

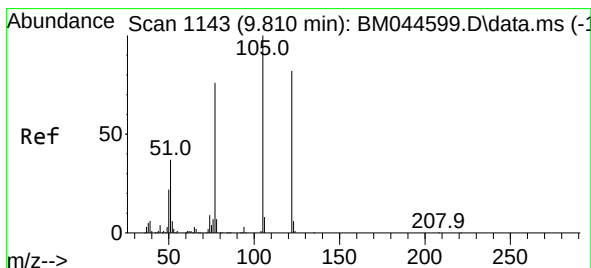
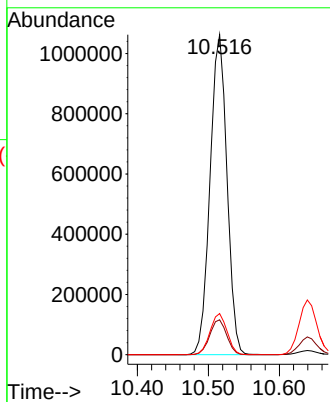
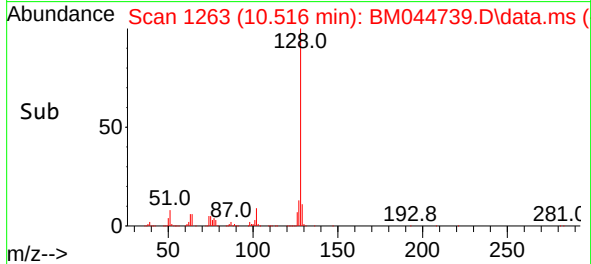
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion:128 Resp: 1756808
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.2 15.4

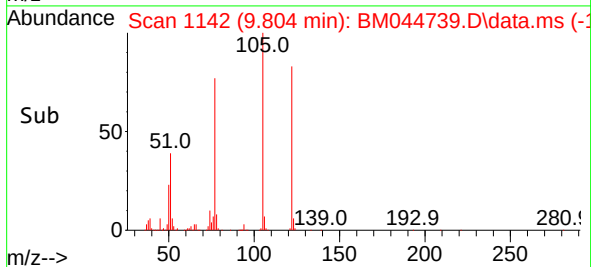
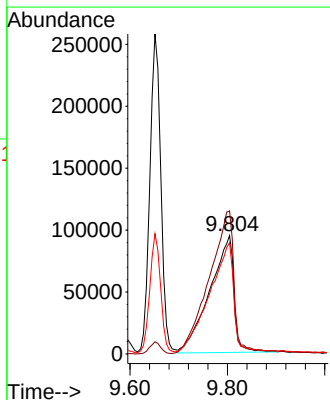
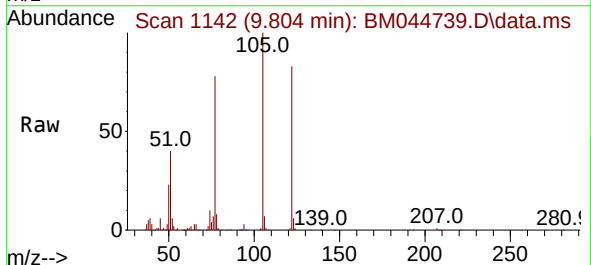
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APPROVED

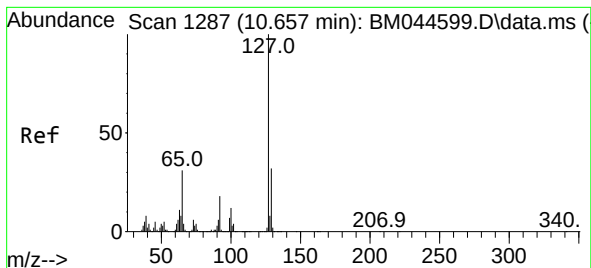
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#32
Benzoic acid
Concen: 37.699 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:122 Resp: 324548
Ion Ratio Lower Upper
122 100
105 120.9 100.0 140.0
77 93.9 72.5 112.5





#33
4-Chloroaniline
Concen: 20.152 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

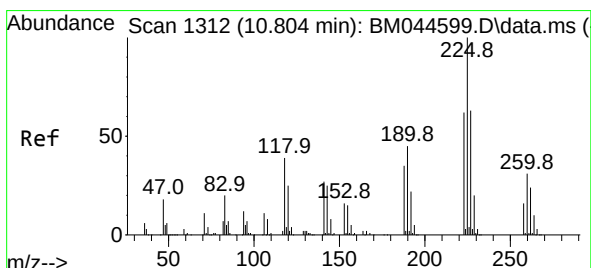
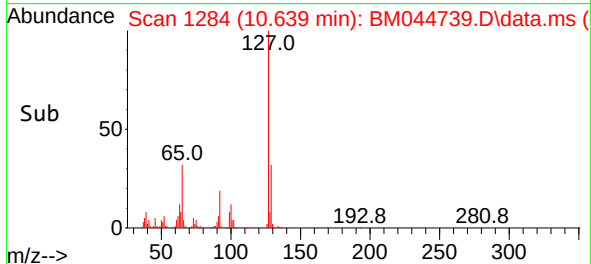
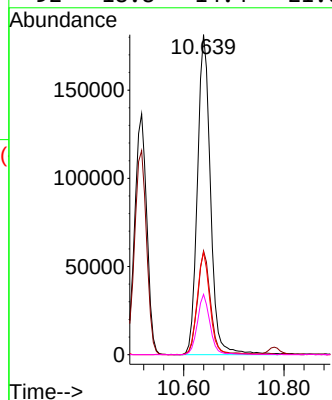
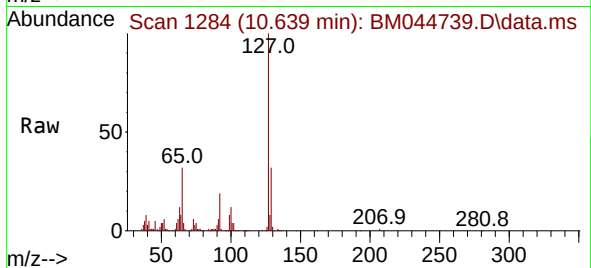
Tgt Ion:127 Resp: 328762
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 32.0 25.1 37.7
92 18.8 14.4 21.6

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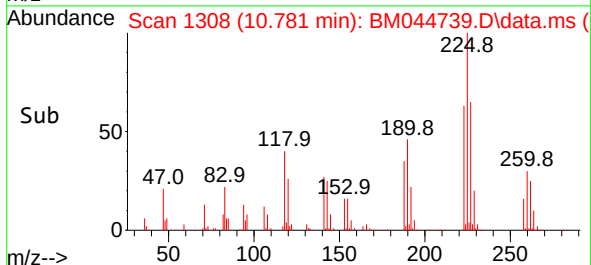
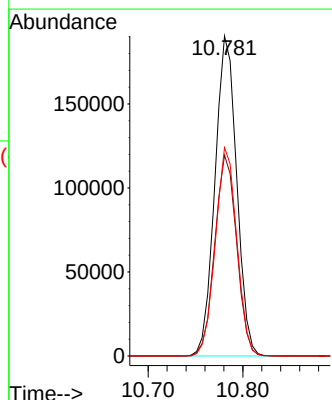
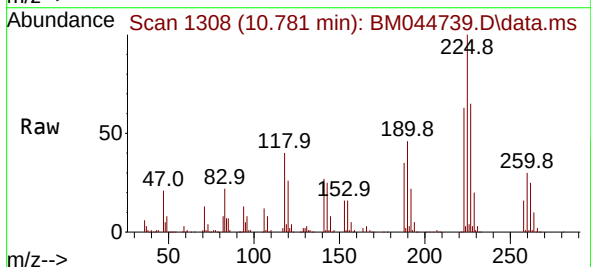
Reviewed By :Yogesh Patel 03/26/2024

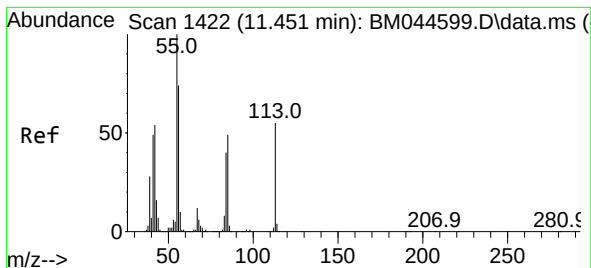
Supervised By :mohammad ahmed 03/26/2024



#34
Hexachlorobutadiene
Concen: 48.677 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

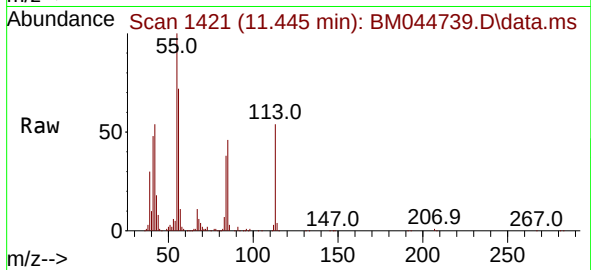
Tgt Ion:225 Resp: 303607
Ion Ratio Lower Upper
225 100
223 62.7 49.9 74.9
227 65.1 50.6 75.8





#35
Caprolactam
Concen: 43.866 ng m
RT: 11.445 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

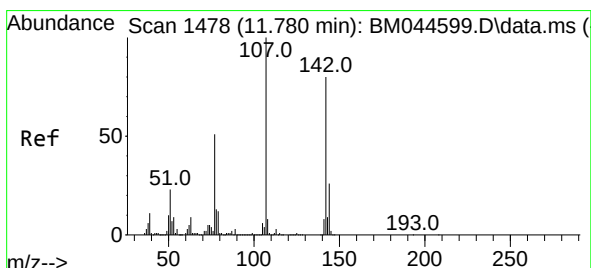
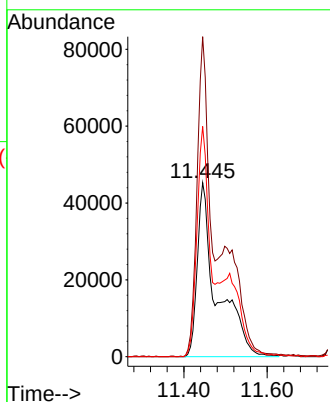
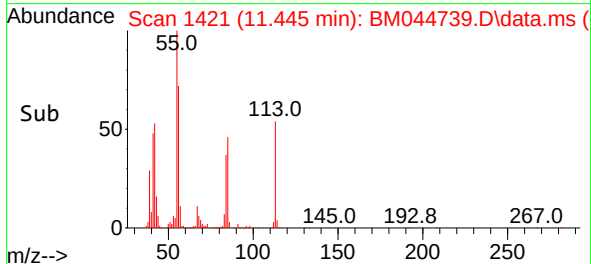
Instrument :
BNA_M
ClientSampleId :
PB159682BS



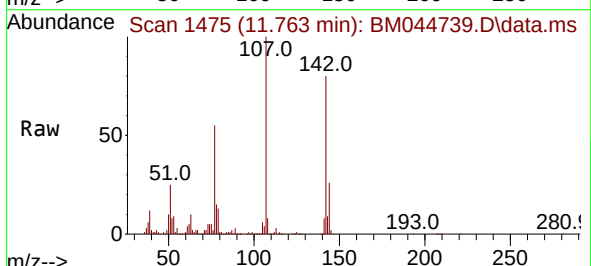
Tgt Ion:113 Resp: 14879
Ion Ratio Lower Upper
113 100
55 183.9 161.1 201.1
56 132.4 113.2 153.2

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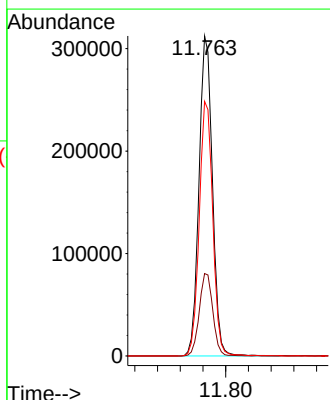
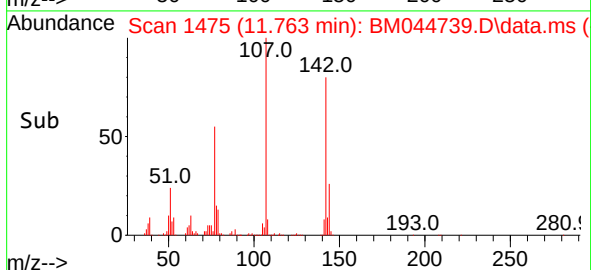
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

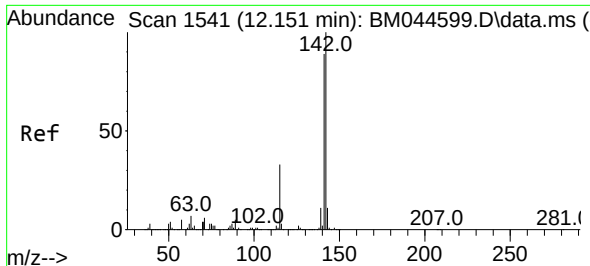


#36
4-Chloro-3-methylphenol
Concen: 44.452 ng
RT: 11.763 min Scan# 1475
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



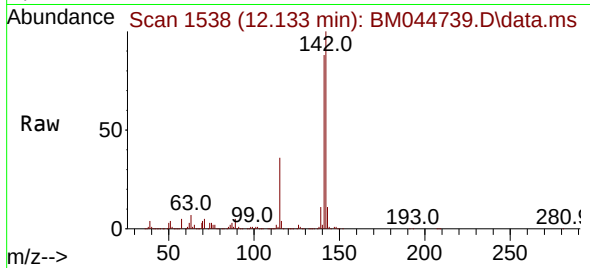
Tgt Ion:107 Resp: 512913
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 79.6 63.8 95.8





#37
2-Methylnaphthalene
Concen: 42.728 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

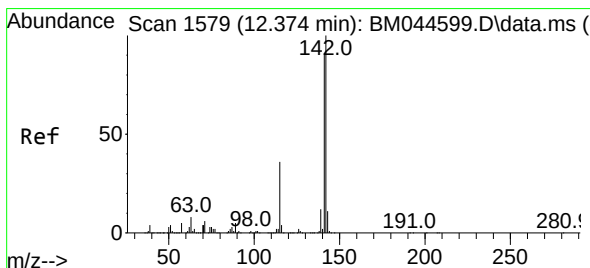
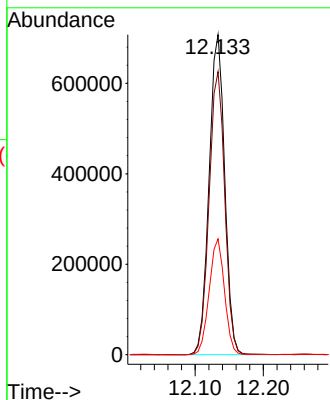
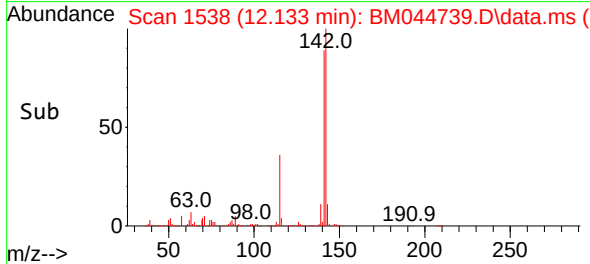
Instrument :
BNA_M
ClientSampleId :
PB159682BS



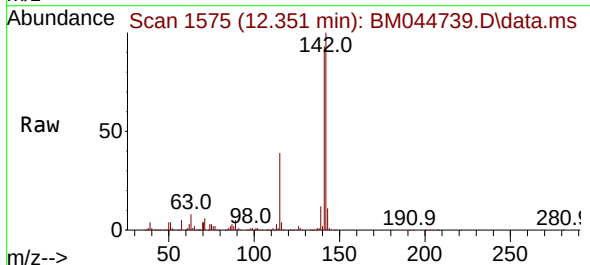
Tgt Ion:142 Resp: 112776
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 36.2 26.6 40.0

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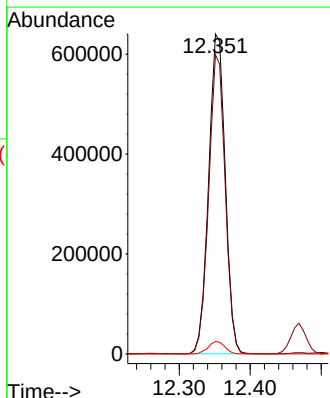
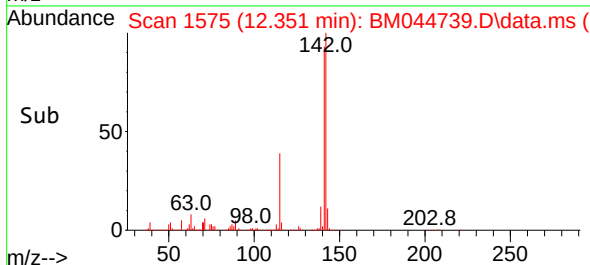
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

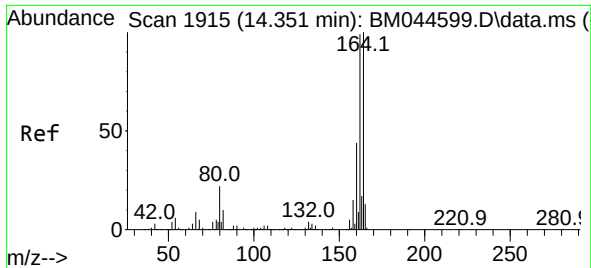


#38
1-Methylnaphthalene
Concen: 42.214 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



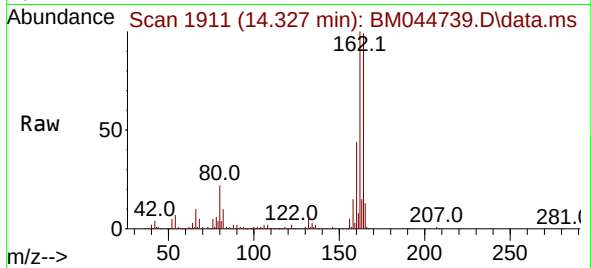
Tgt Ion:142 Resp: 1038413
Ion Ratio Lower Upper
142 100
141 93.5 72.9 109.3
116 3.9 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

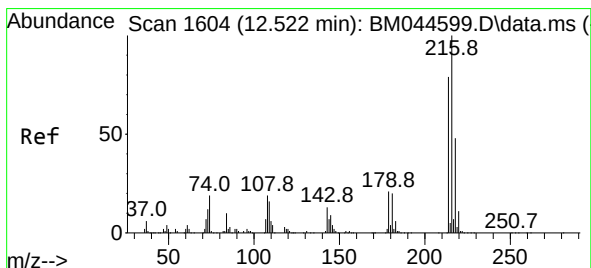
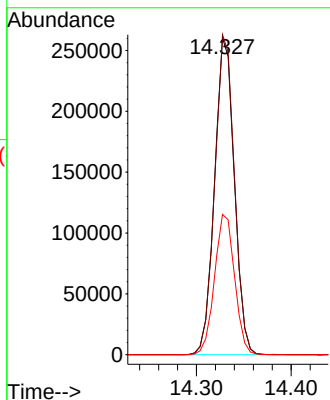
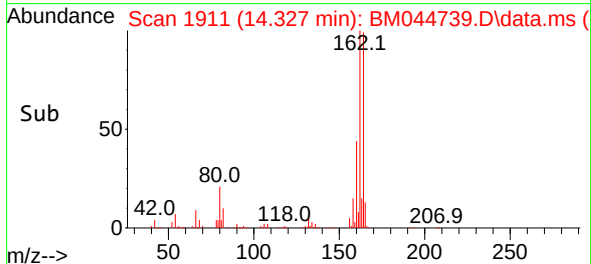
Instrument :
BNA_M
ClientSampleId :
PB159682BS



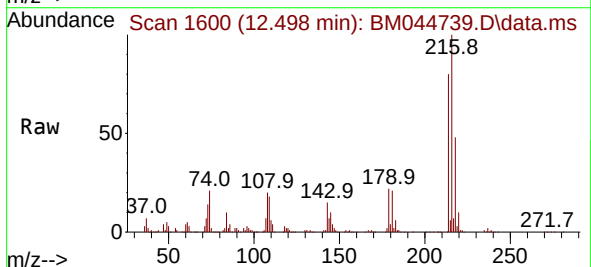
Tgt Ion:164 Resp: 376711
Ion Ratio Lower Upper
164 100
162 101.1 79.3 118.9
160 44.3 35.2 52.8

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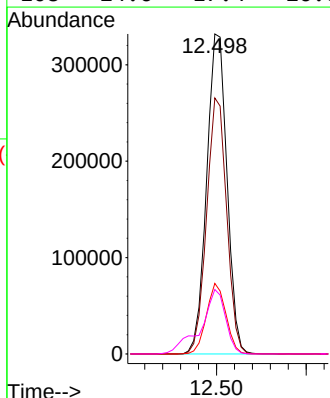
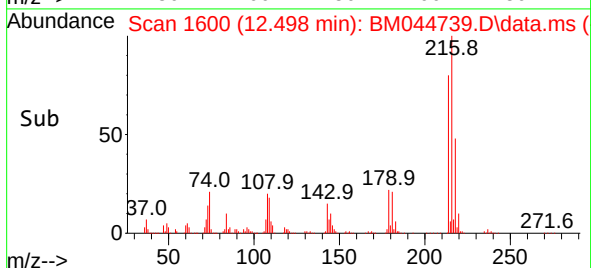
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

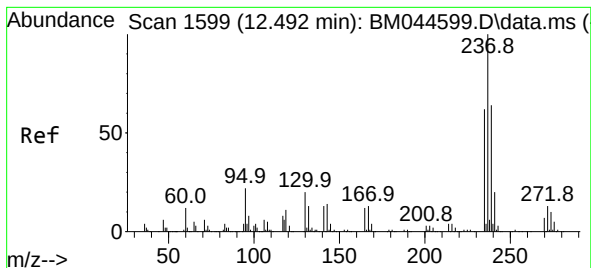


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.750 ng
RT: 12.498 min Scan# 1600
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



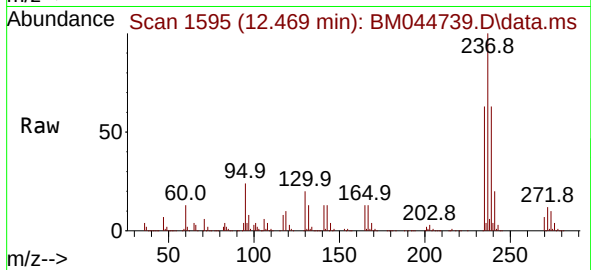
Tgt Ion:216 Resp: 521148
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 21.2 16.9 25.3
108 24.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 110.335 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

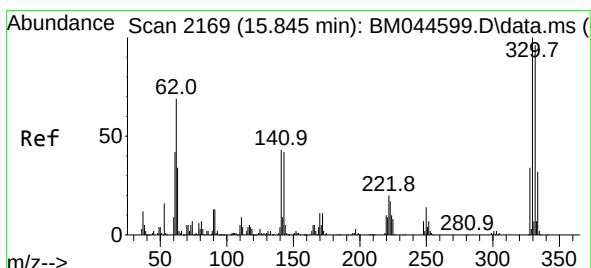
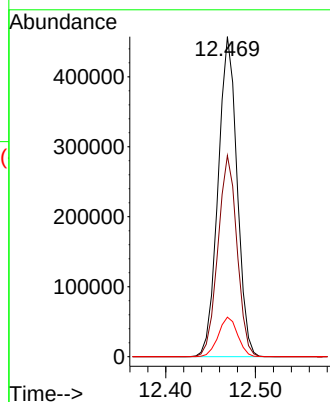
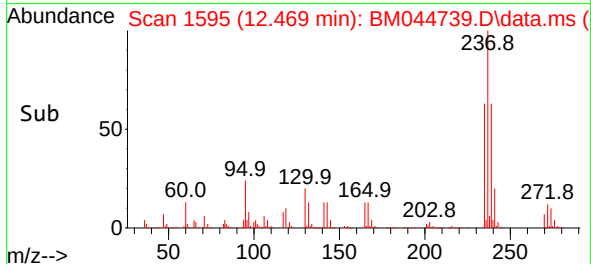
Instrument :
BNA_M
ClientSampleId :
PB159682BS



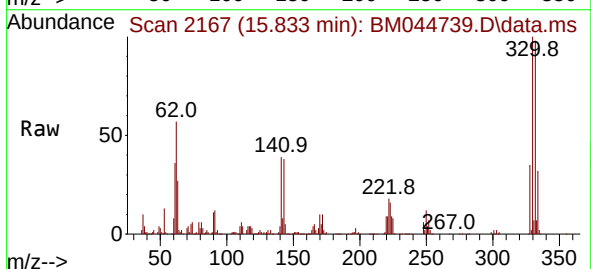
Tgt Ion:237 Resp: 671952
Ion Ratio Lower Upper
237 100
235 62.9 42.1 82.1
272 12.4 0.0 33.1

Manual Integrations
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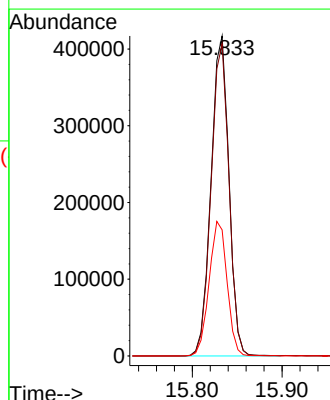
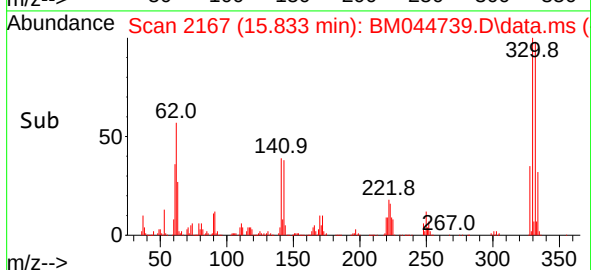
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

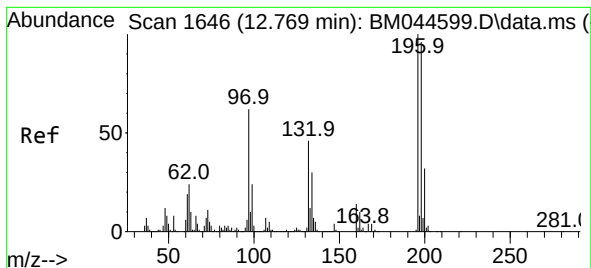


#42
2,4,6-Tribromophenol
Concen: 139.255 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



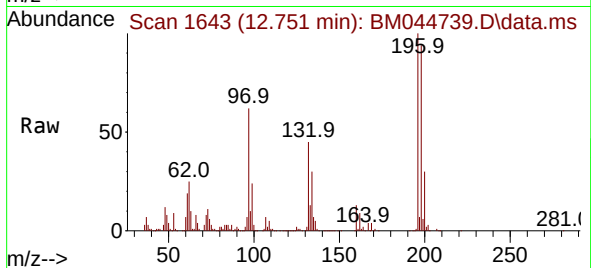
Tgt Ion:330 Resp: 578604
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 42.2 33.4 50.0





#43
2,4,6-Trichlorophenol
Concen: 49.067 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

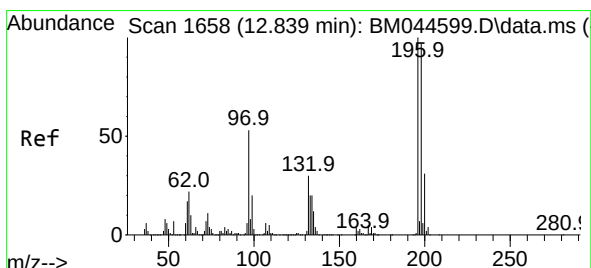
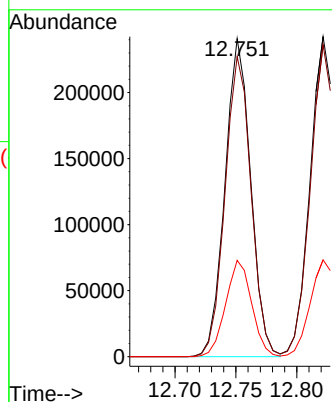
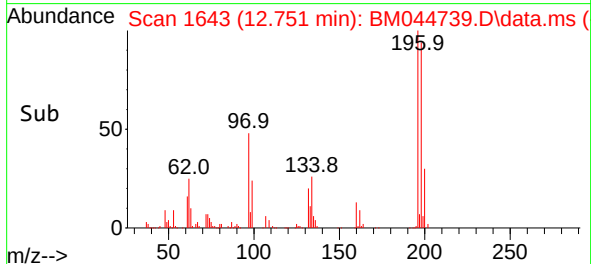
Instrument :
BNA_M
ClientSampleId :
PB159682BS



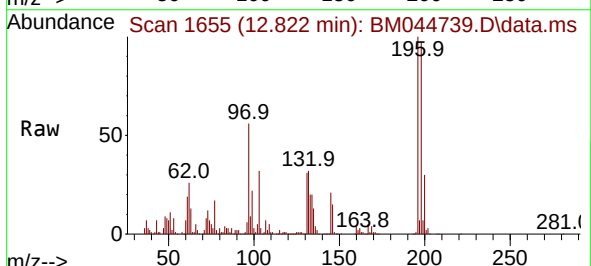
Tgt Ion:196 Resp: 35418
Ion Ratio Lower Upper
196 100
198 94.3 76.9 115.3
200 30.3 25.4 38.0

Manual Integrations
APPROVED

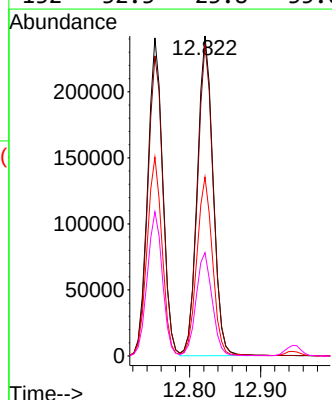
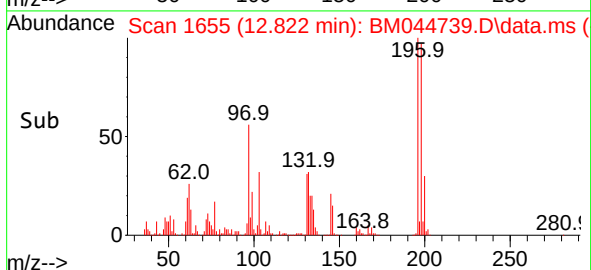
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

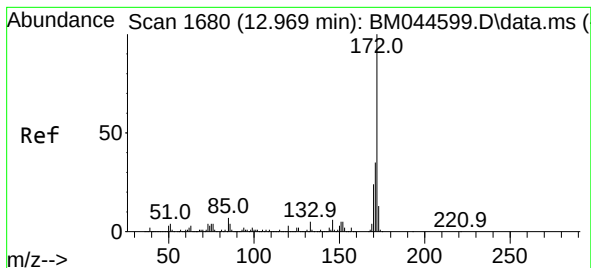


#44
2,4,5-Trichlorophenol
Concen: 43.918 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



Tgt Ion:196 Resp: 375644
Ion Ratio Lower Upper
196 100
198 97.4 77.7 116.5
97 55.9 42.8 64.2
132 32.3 23.8 35.6





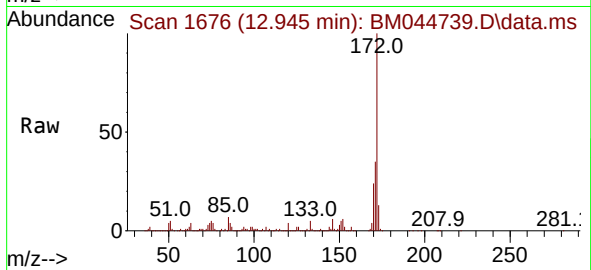
#45
2-Fluorobiphenyl
Concen: 89.544 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



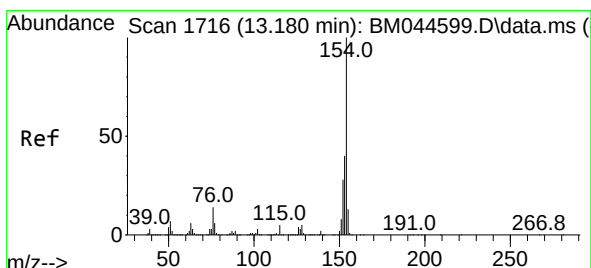
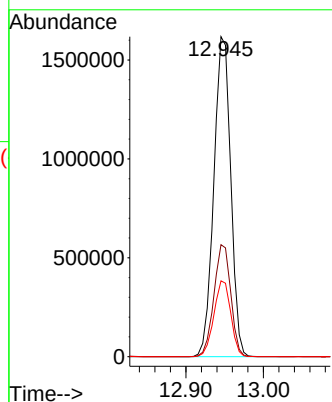
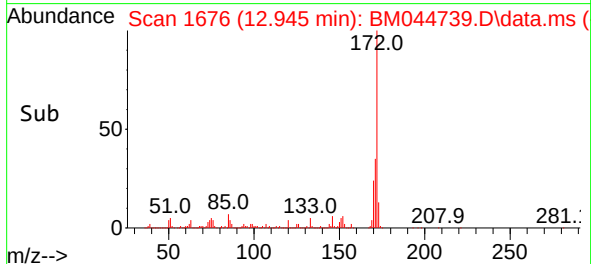
Tgt Ion:172 Resp: 2449319
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.7 19.0 28.6

Manual Integrations

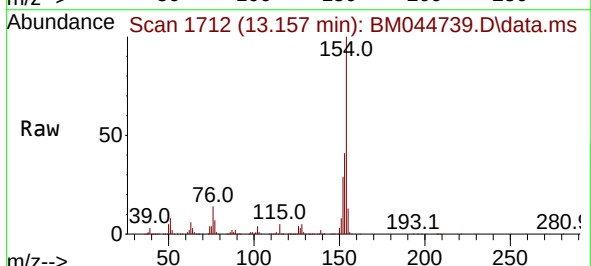
APPROVED

Reviewed By :Yogesh Patel 03/26/2024

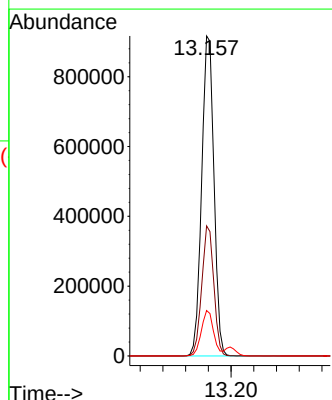
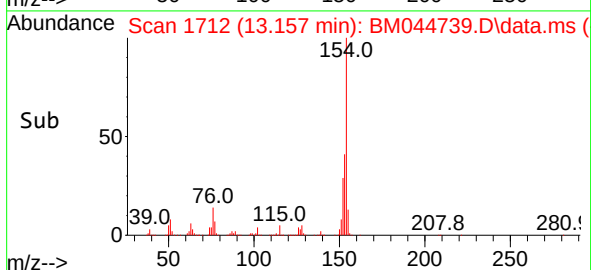
Supervised By :mohammad ahmed 03/26/2024

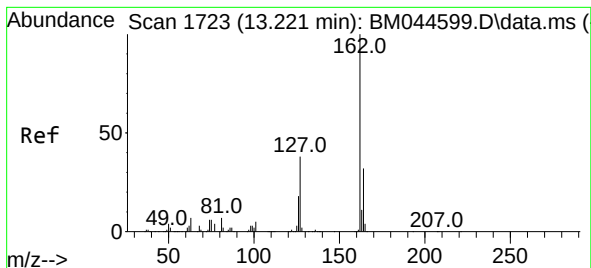


#46
1,1'-Biphenyl
Concen: 46.727 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



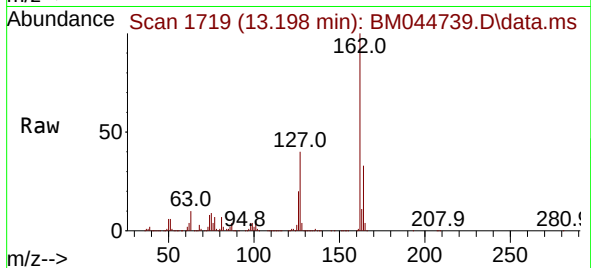
Tgt Ion:154 Resp: 1376719
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 14.2 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.976 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

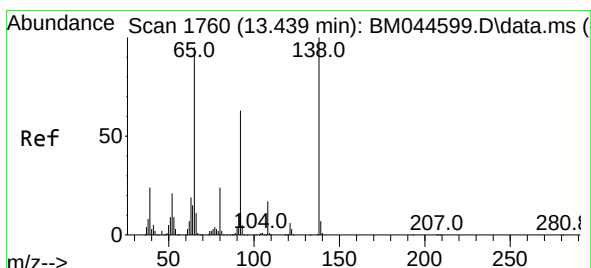
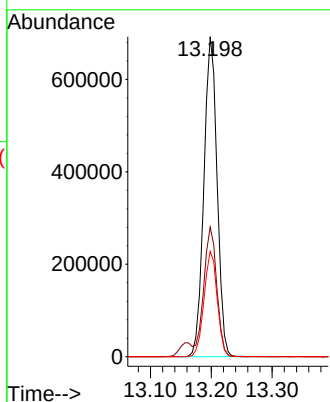
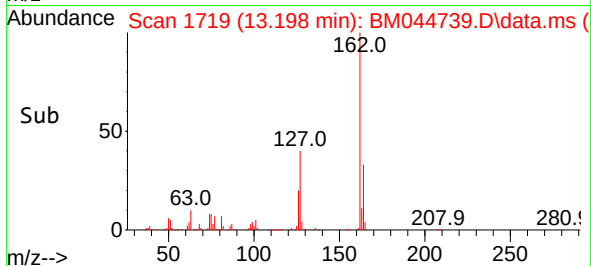
Instrument :
BNA_M
ClientSampleId :
PB159682BS



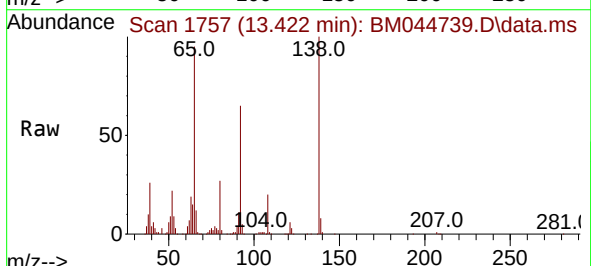
Tgt Ion:162 Resp: 1045269
Ion Ratio Lower Upper
162 100
127 40.5 31.4 47.0
164 32.9 25.8 38.8

Manual Integrations
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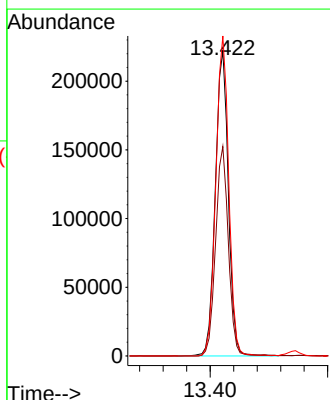
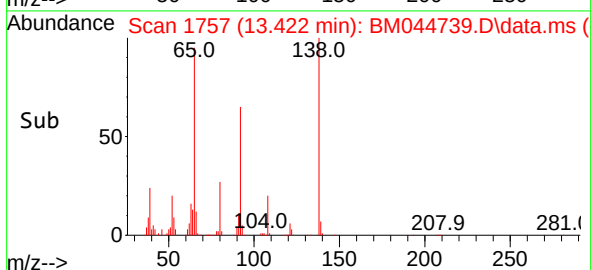
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

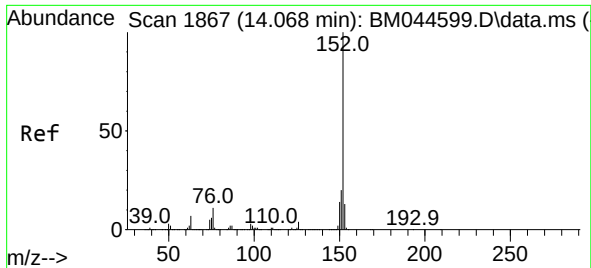


#48
2-Nitroaniline
Concen: 46.292 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



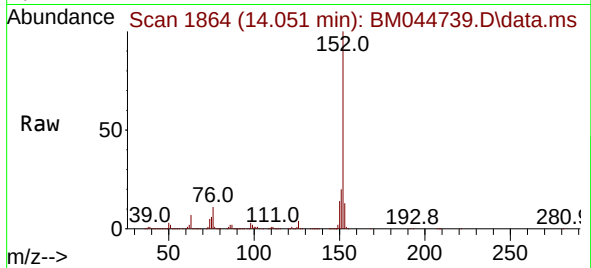
Tgt Ion: 65 Resp: 342213
Ion Ratio Lower Upper
65 100
92 68.6 53.3 79.9
138 104.7 84.3 126.5





#49
Acenaphthylene
Concen: 48.294 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

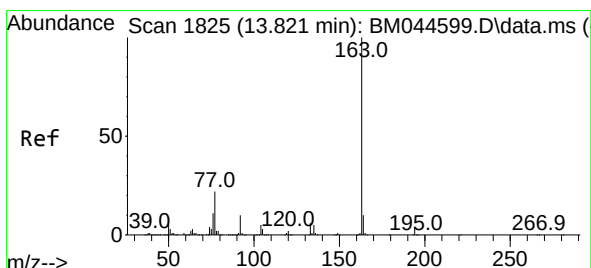
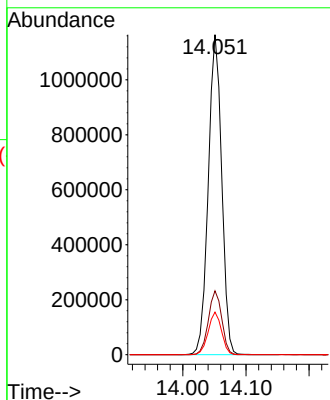
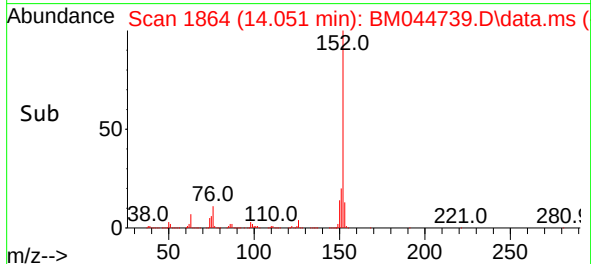
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion:152 Resp: 1714051
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.6 15.8

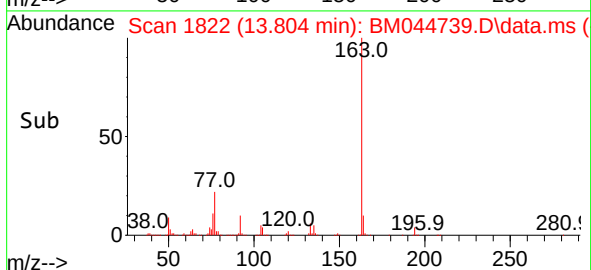
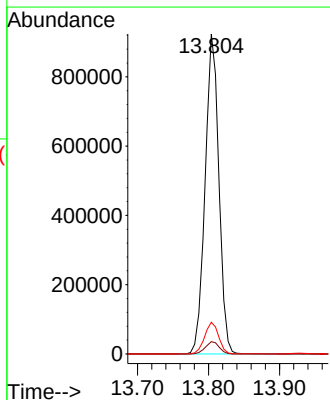
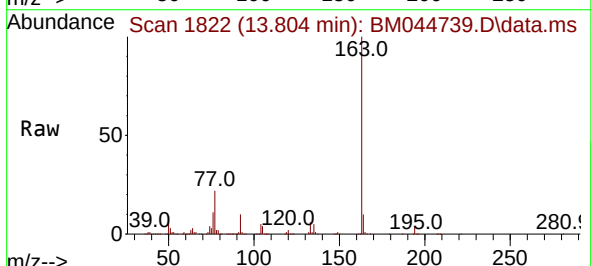
Manual Integrations
APPROVED

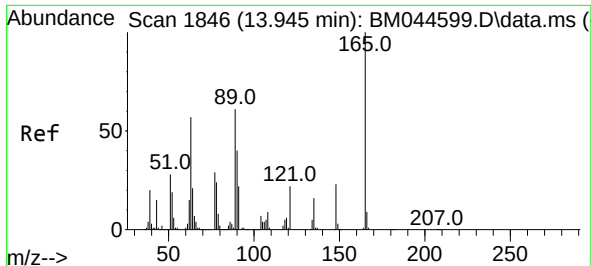
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#50
Dimethylphthalate
Concen: 44.154 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

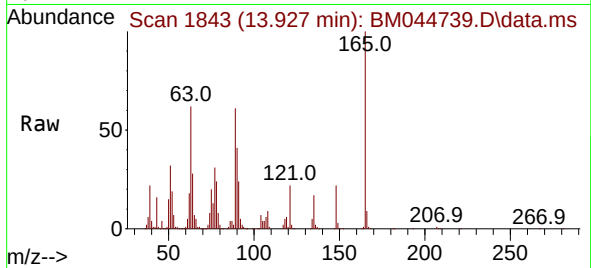
Tgt Ion:163 Resp: 1244141
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.337 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

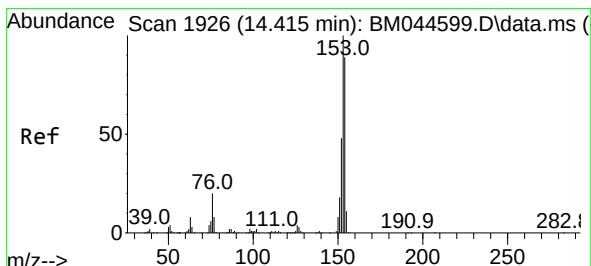
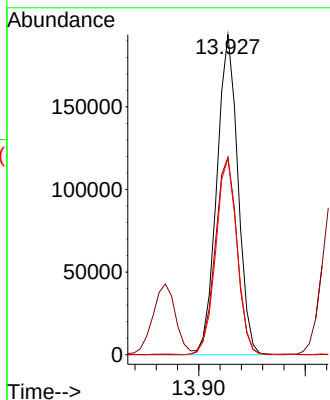
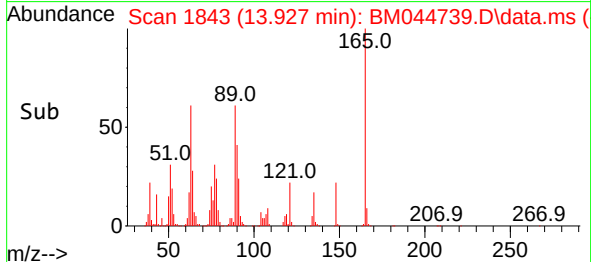
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion:165 Resp: 266023
Ion Ratio Lower Upper
165 100
63 61.7 50.4 75.6
89 61.3 49.3 73.9

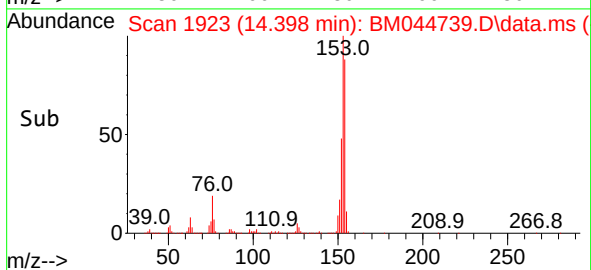
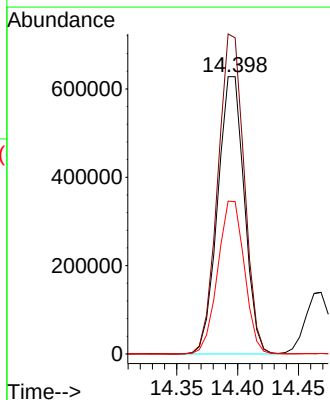
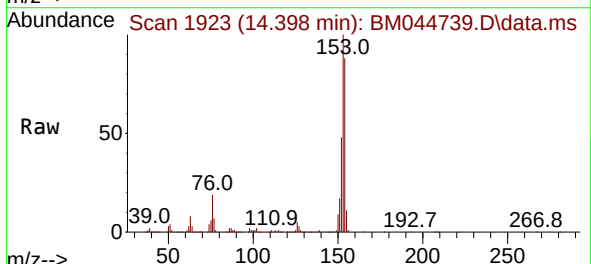
Manual Integrations
APPROVED

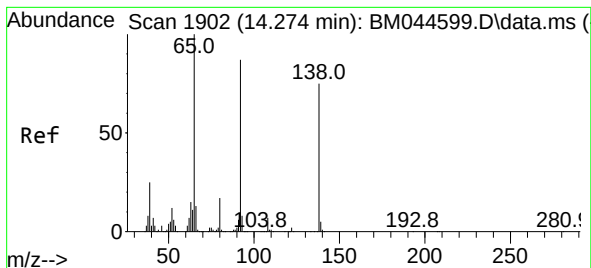
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#52
Acenaphthene
Concen: 44.492 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

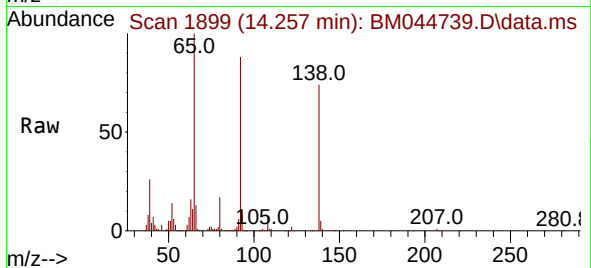
Tgt Ion:154 Resp: 954577
Ion Ratio Lower Upper
154 100
153 114.1 90.3 135.5
152 54.9 43.1 64.7





#53
3-Nitroaniline
Concen: 27.692 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

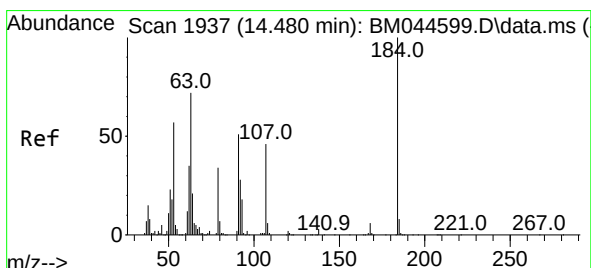
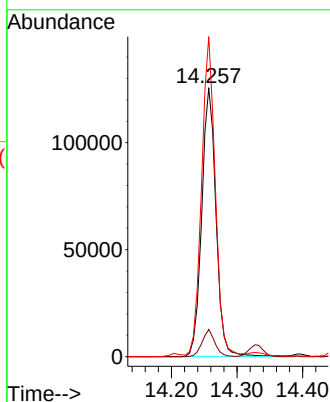
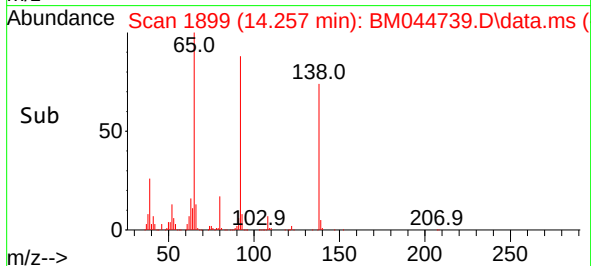
Instrument :
BNA_M
ClientSampleId :
PB159682BS



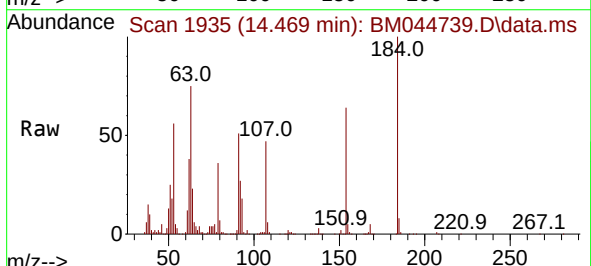
Tgt Ion:138 Resp: 19027
Ion Ratio Lower Upper
138 100
108 10.1 7.5 11.3
92 119.0 92.8 139.2

Manual Integrations
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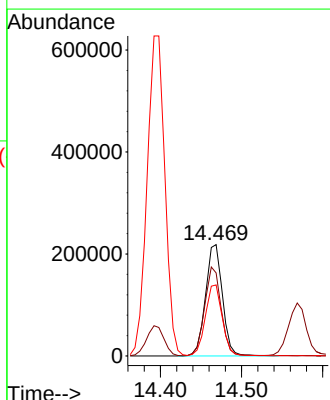
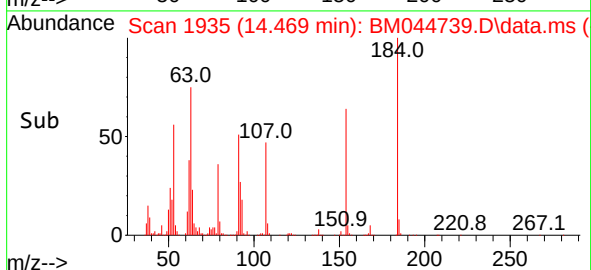
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

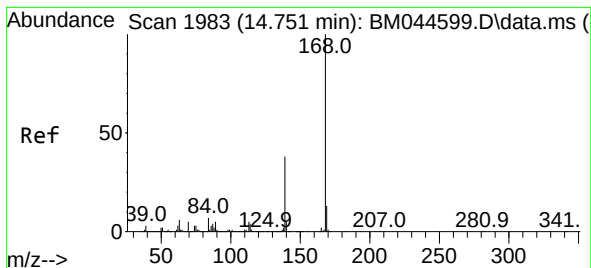


#54
2,4-Dinitrophenol
Concen: 82.179 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



Tgt Ion:184 Resp: 315985
Ion Ratio Lower Upper
184 100
63 74.5 62.2 93.2
154 63.8 47.9 71.9





#55

Dibenzenofuran

Concen: 44.419 ng

RT: 14.733 min Scan# 1980

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

Tgt Ion:168 Resp: 1512518

Ion Ratio Lower Upper

168 100

139 38.8 30.6 46.0

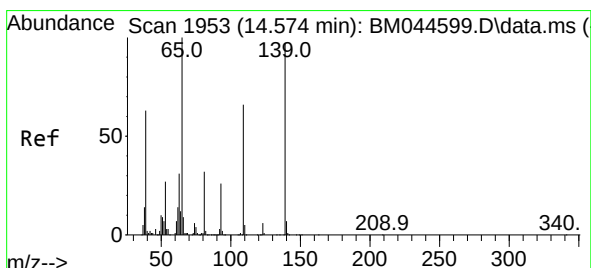
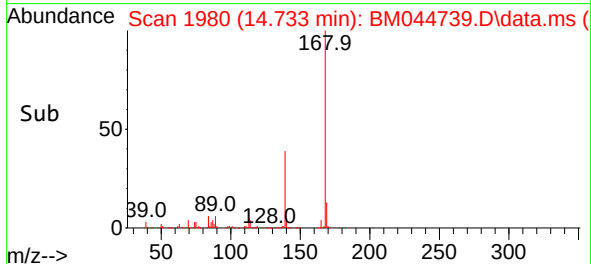
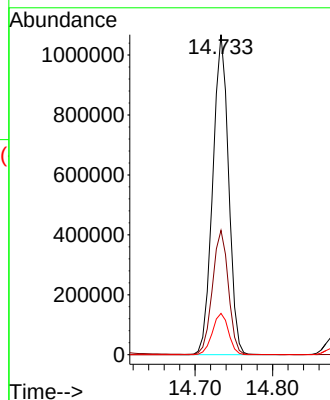
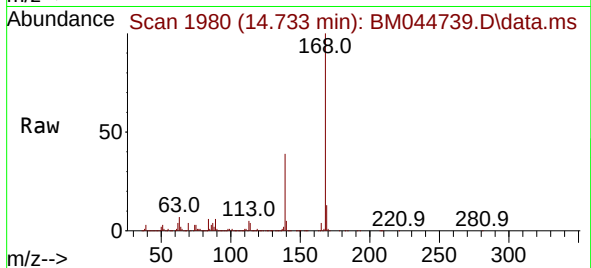
169 12.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#56

4-Nitrophenol

Concen: 90.356 ng

RT: 14.569 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

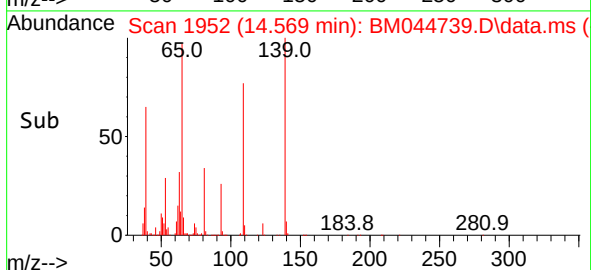
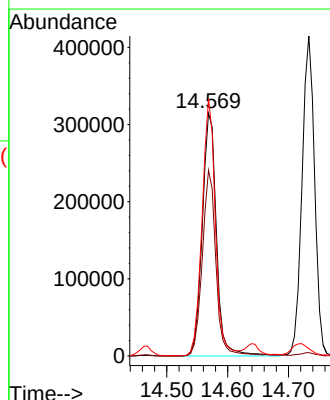
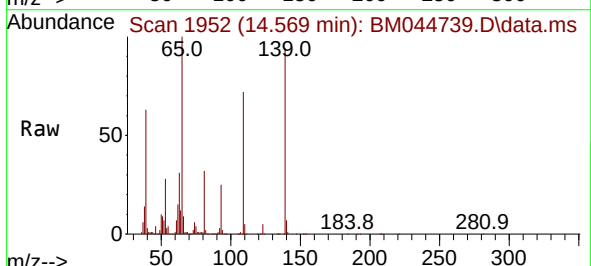
Tgt Ion:139 Resp: 509872

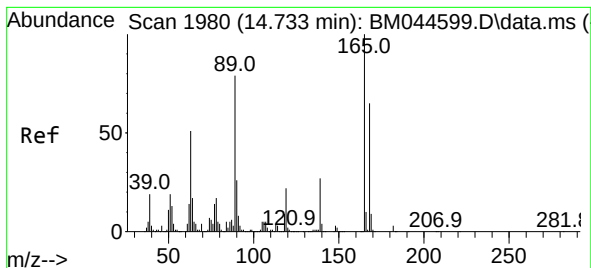
Ion Ratio Lower Upper

139 100

109 76.5 48.0 88.0

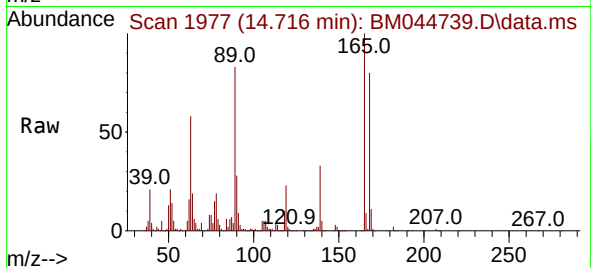
65 106.0 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 47.312 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

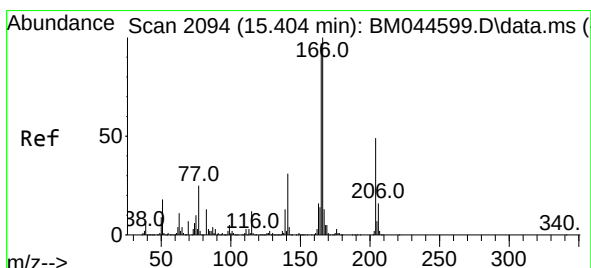
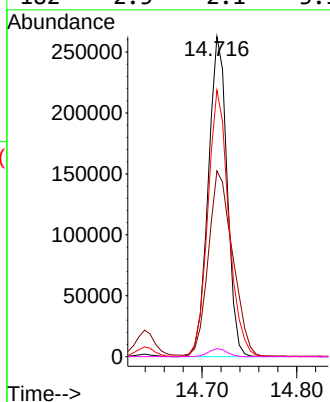
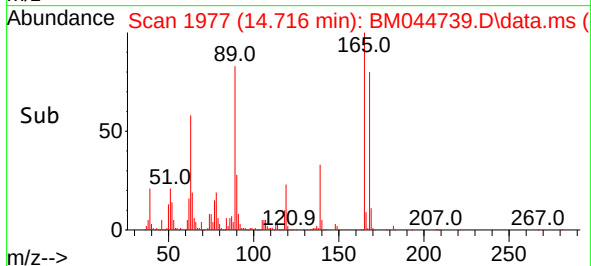
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion:165 Resp: 362738
Ion Ratio Lower Upper
165 100
63 58.0 40.9 61.3
89 83.2 63.4 95.0
182 2.5 2.1 3.1

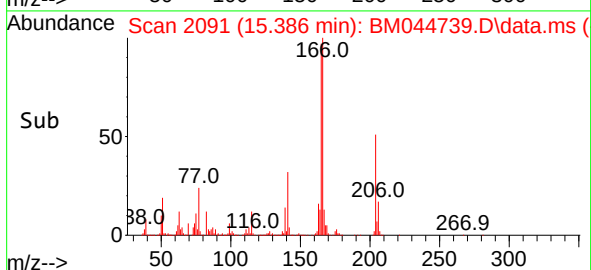
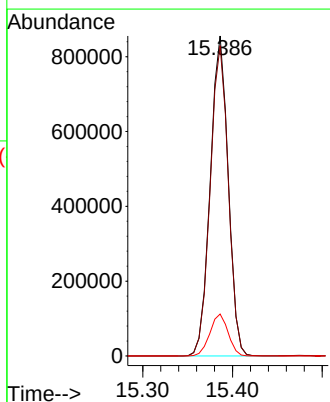
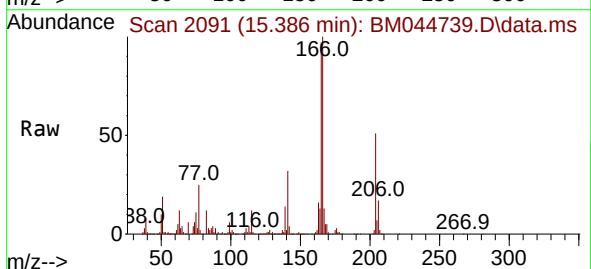
Manual Integrations
APPROVED

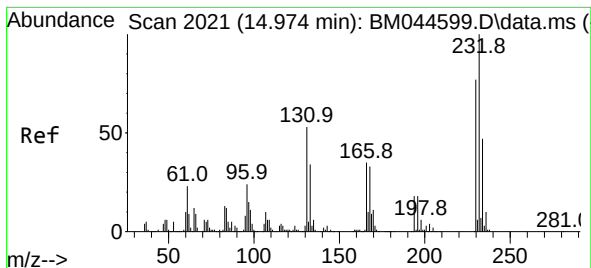
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#58
Fluorene
Concen: 44.821 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:166 Resp: 1188513
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.1 10.8 16.2





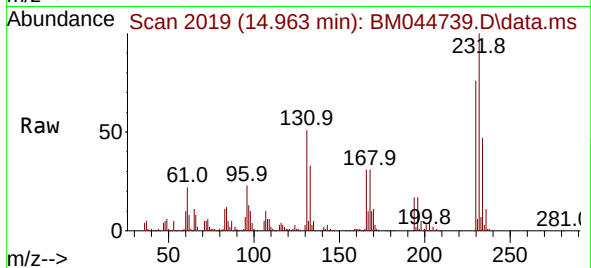
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.852 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

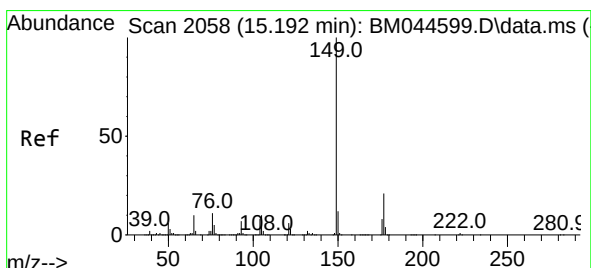
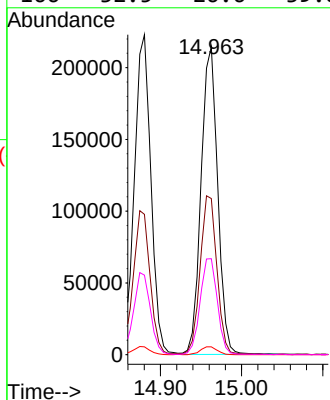
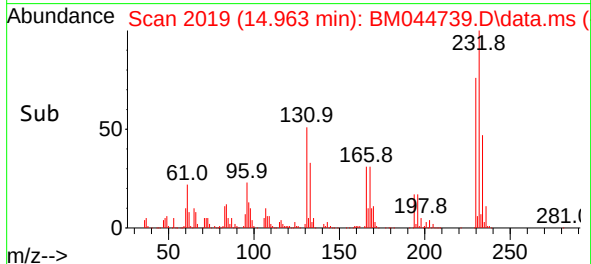


Tgt Ion:232 Resp: 304490
Ion Ratio Lower Upper
232 100
131 52.0 41.0 61.4
130 2.6 2.1 3.1
166 32.5 26.6 39.8

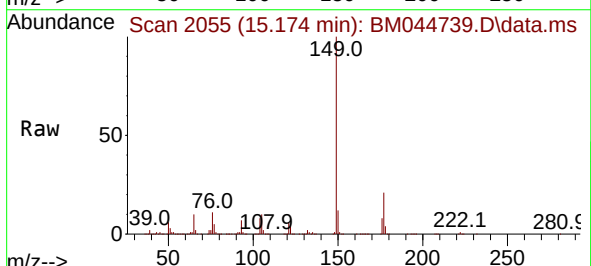
Manual Integrations

APPROVED

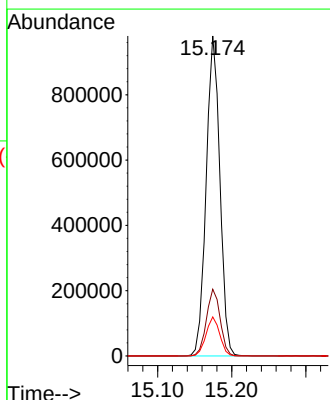
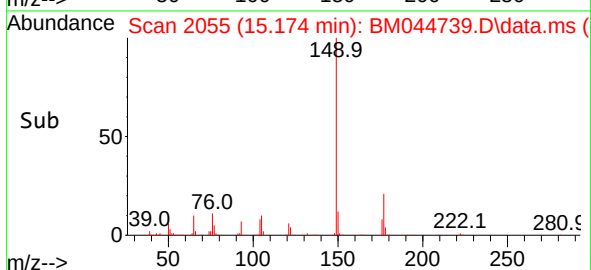
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

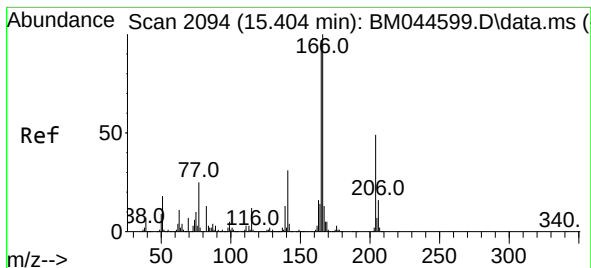


#60
Diethylphthalate
Concen: 44.105 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



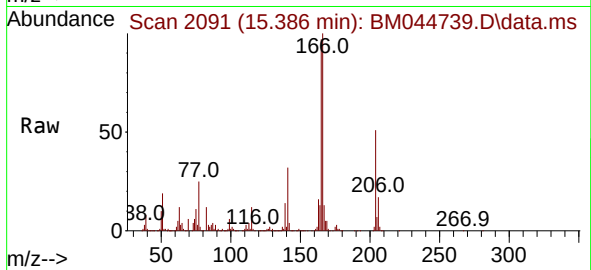
Tgt Ion:149 Resp: 1258044
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.545 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

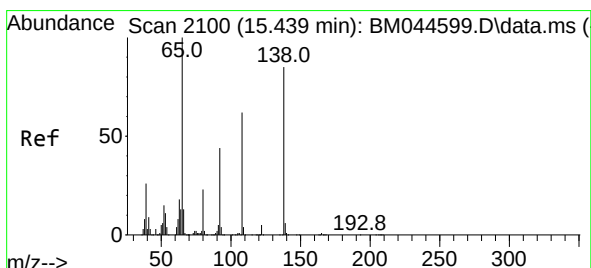
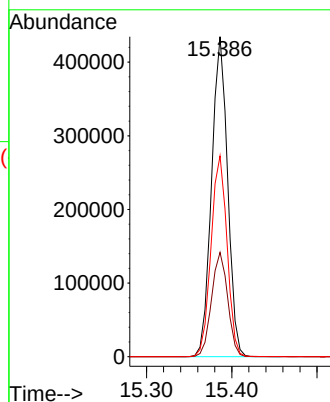
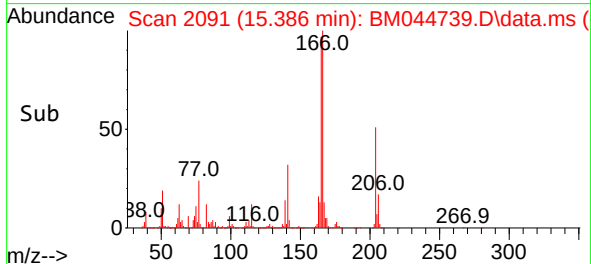
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion:204 Resp: 56705
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.7 49.8 74.8

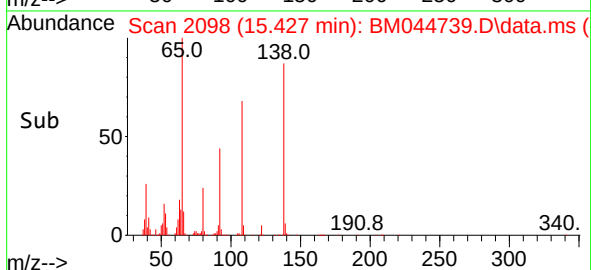
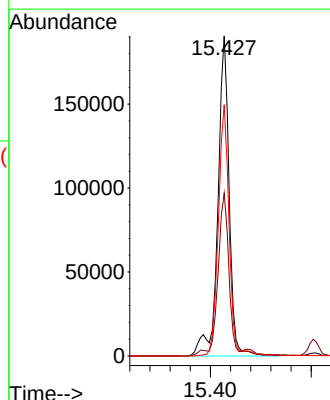
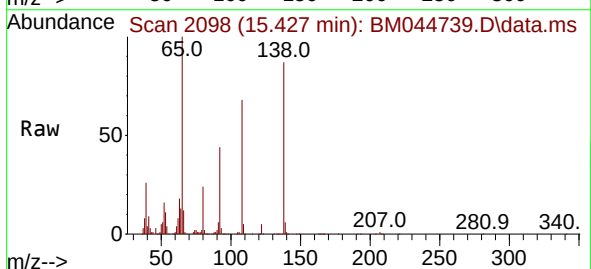
Manual Integrations
APPROVED

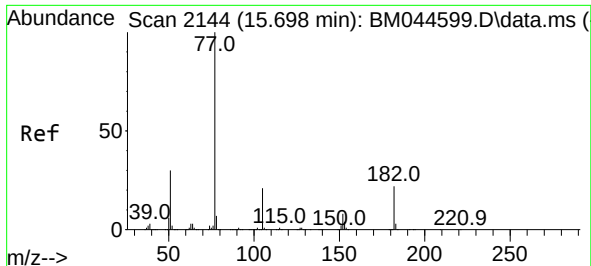
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#62
4-Nitroaniline
Concen: 43.210 ng m
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:138 Resp: 296569
Ion Ratio Lower Upper
138 100
92 50.9 31.9 71.9
108 78.5 53.7 93.7





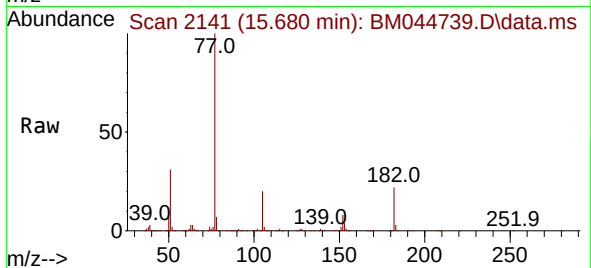
#63
Azobenzene
Concen: 45.441 ng
RT: 15.680 min Scan# 2141
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



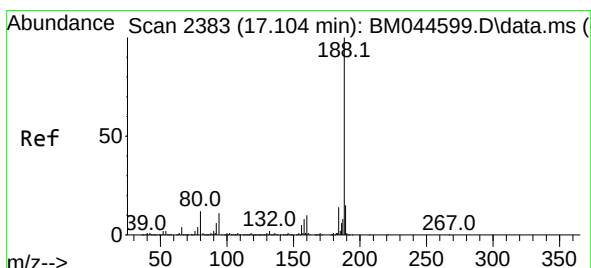
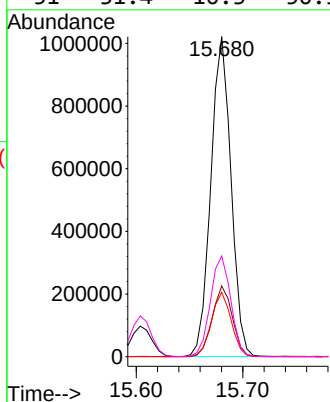
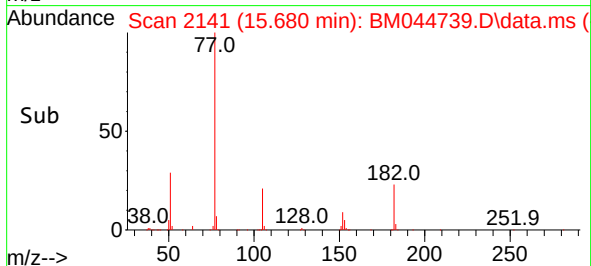
Tgt Ion: 77 Resp: 133983
Ion Ratio Lower Upper
77 100
182 22.1 1.8 41.8
105 20.1 0.7 40.7
51 31.4 10.3 50.3

Manual Integrations

APPROVED

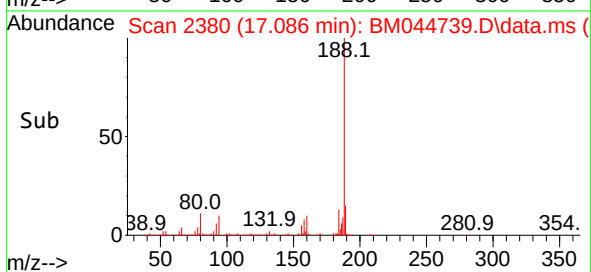
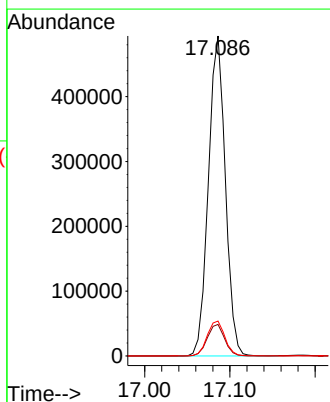
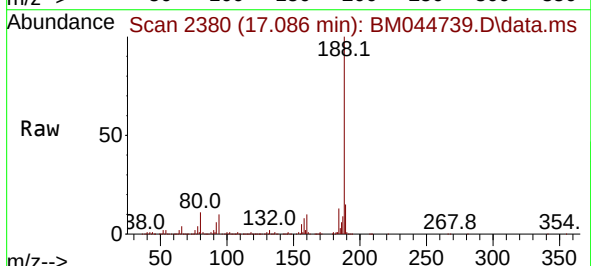
Reviewed By :Yogesh Patel 03/26/2024

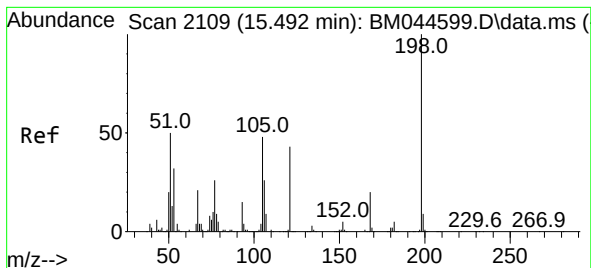
Supervised By :mohammad ahmed 03/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

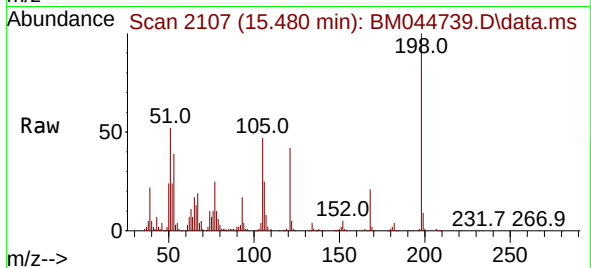
Tgt Ion:188 Resp: 684205
Ion Ratio Lower Upper
188 100
94 9.9 8.4 12.6
80 10.9 9.4 14.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.534 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

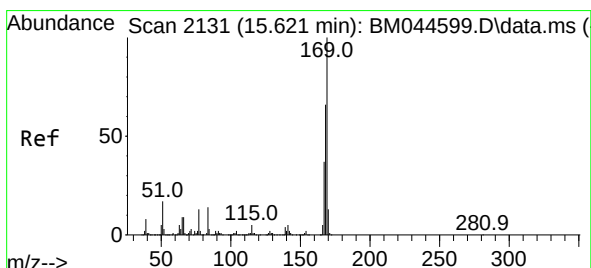
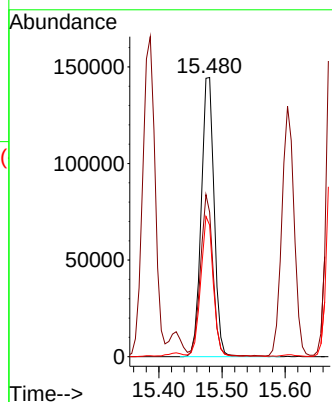
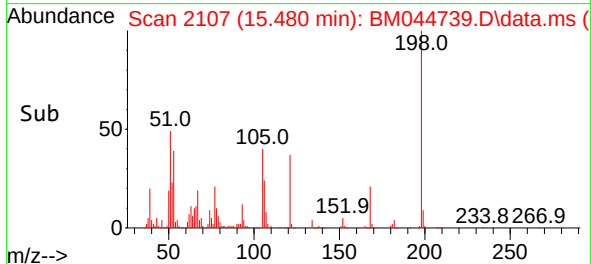
Instrument :
BNA_M
ClientSampleId :
PB159682BS



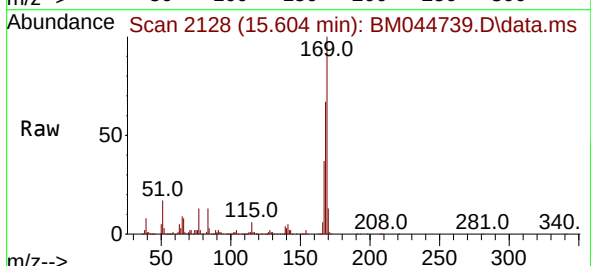
Tgt Ion:198 Resp: 20396
Ion Ratio Lower Upper
198 100
51 51.8 35.0 75.0
105 47.1 28.5 68.5

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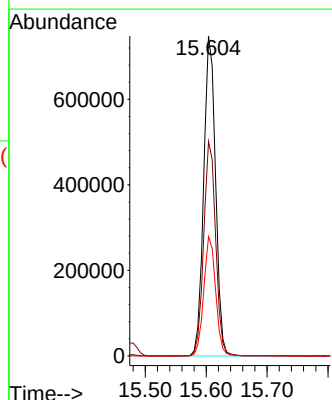
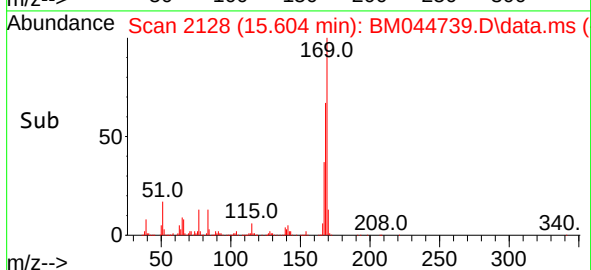
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

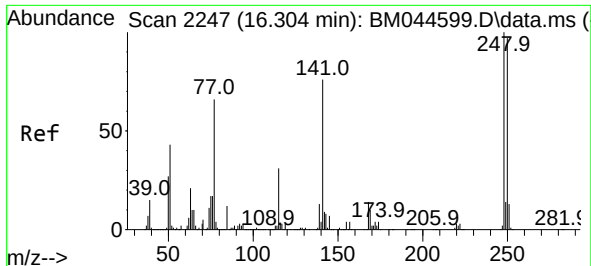


#66
n-Nitrosodiphenylamine
Concen: 47.562 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



Tgt Ion:169 Resp: 1014195
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 37.3 29.5 44.3





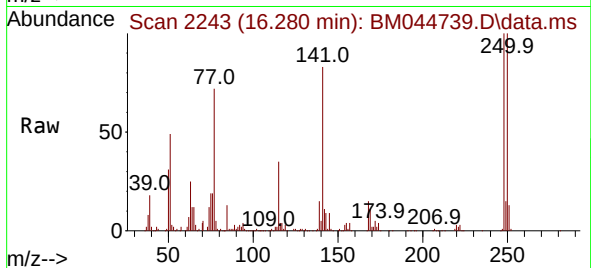
#67
4-Bromophenyl-phenylether
Concen: 47.044 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



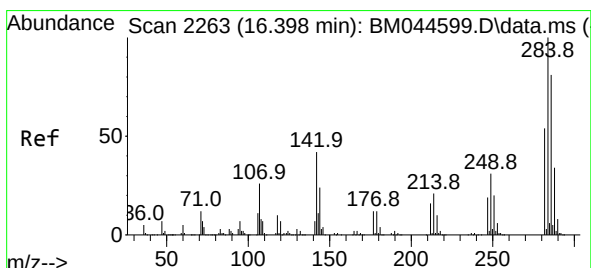
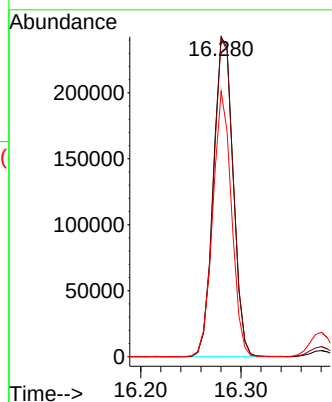
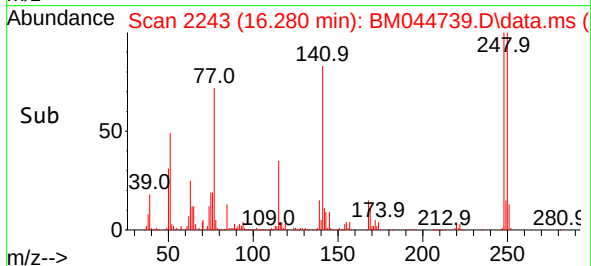
Tgt Ion:248 Resp: 332938
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.8
141 82.9 60.6 90.8

Manual Integrations

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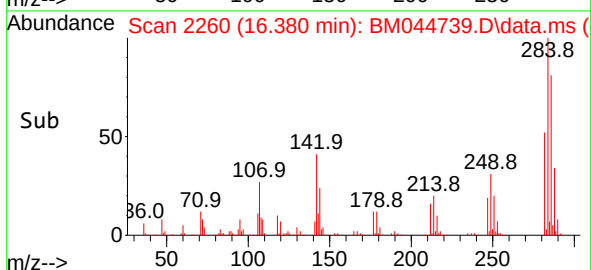
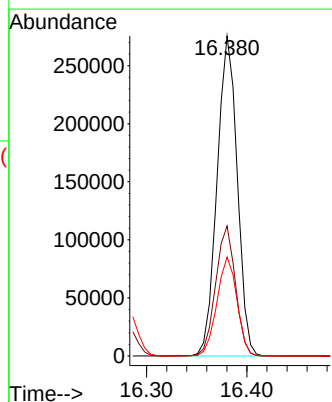
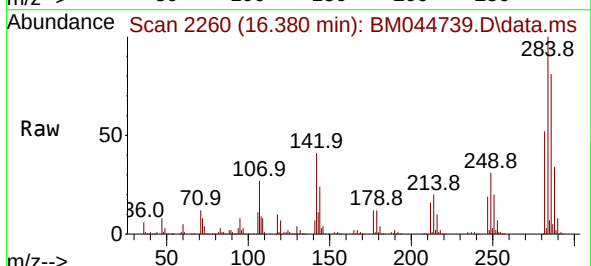
Reviewed By :Yogesh Patel 03/26/2024

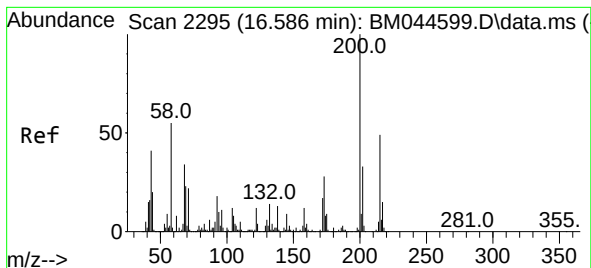
Supervised By :mohammad ahmed 03/26/2024



#68
Hexachlorobenzene
Concen: 51.098 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:284 Resp: 384407
Ion Ratio Lower Upper
284 100
142 40.6 33.7 50.5
249 30.9 24.8 37.2





#69

Atrazine

Concen: 49.437 ng

RT: 16.568 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044739.D

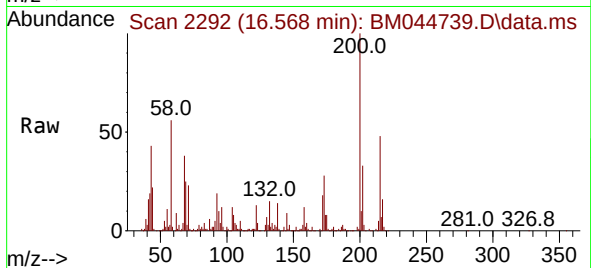
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



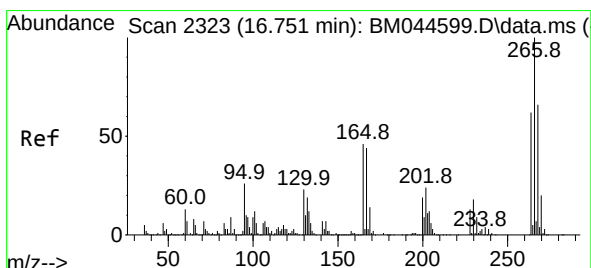
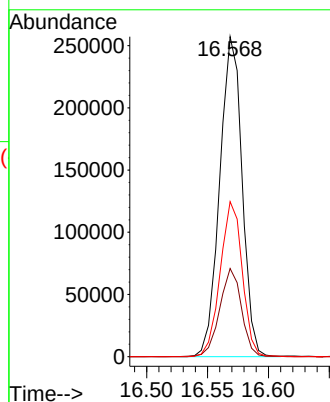
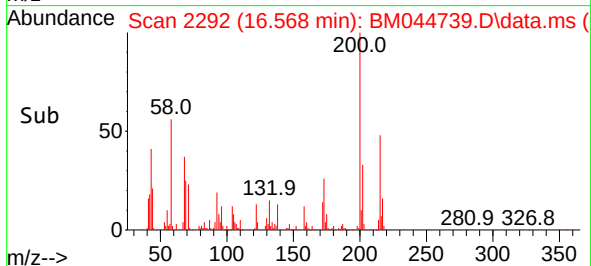
Tgt Ion:	200	Resp:	329410
Ion Ratio	Lower	Upper	
200	100		
173	27.6	7.7	47.7
215	48.4	28.7	68.7

Manual Integrations

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Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#70

Pentachlorophenol

Concen: 97.657 ng

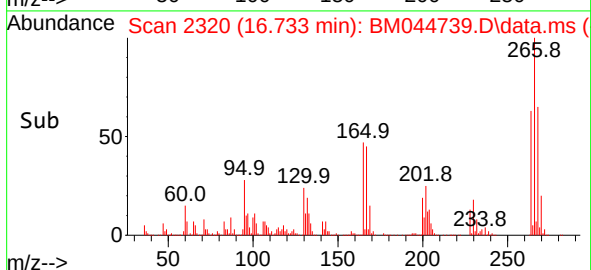
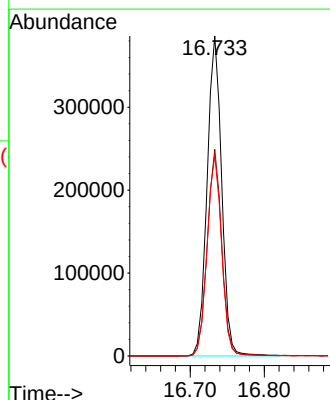
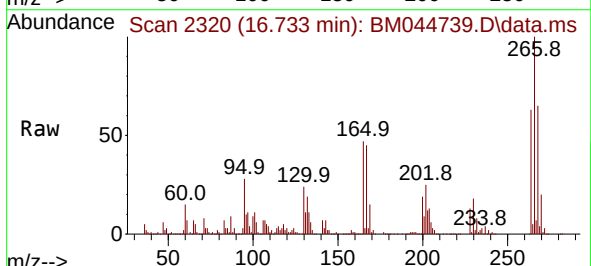
RT: 16.733 min Scan# 2320

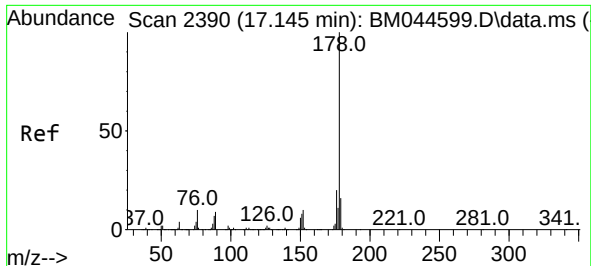
Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

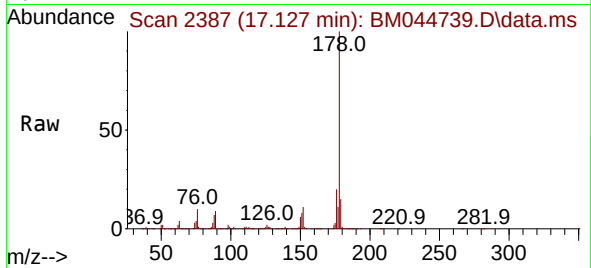
Tgt Ion:	266	Resp:	528460
Ion Ratio	Lower	Upper	
266	100		
268	64.5	52.4	78.6
264	62.5	49.8	74.8





#71
Phenanthrene
Concen: 46.605 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

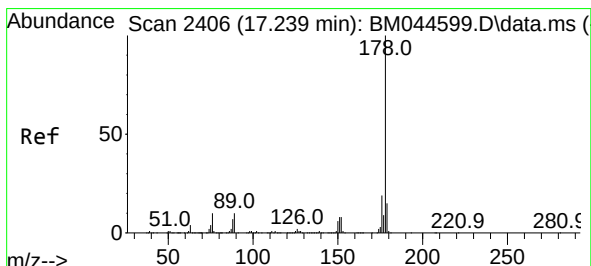
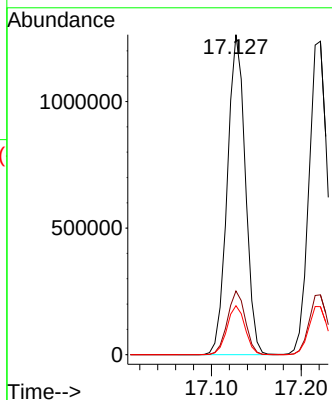
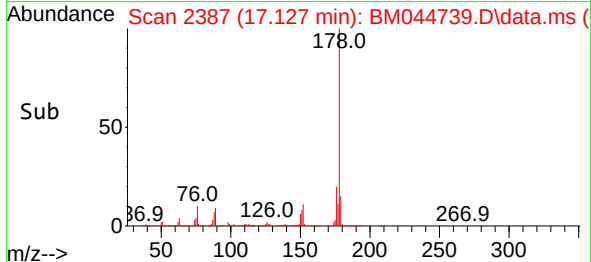
Instrument :
BNA_M
ClientSampleId :
PB159682BS



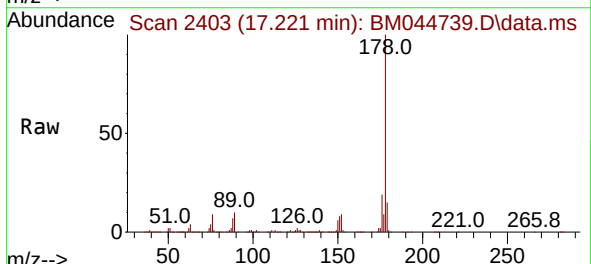
Tgt Ion:178 Resp: 176217
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.3 12.4 18.6

Manual Integrations
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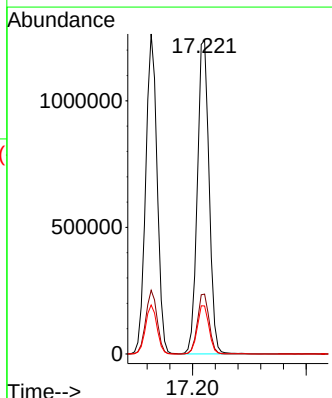
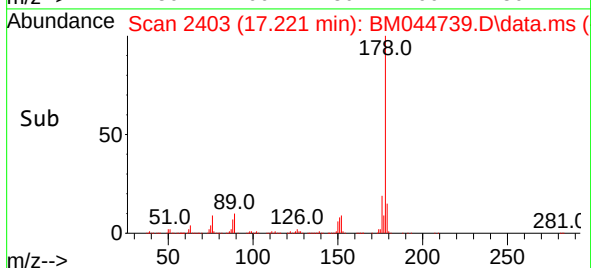
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

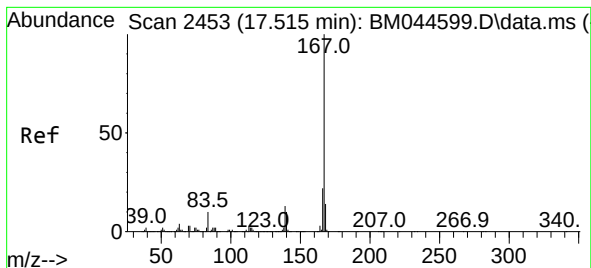


#72
Anthracene
Concen: 47.092 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



Tgt Ion:178 Resp: 1785817
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.2 18.4





#73

Carbazole

Concen: 47.327 ng

RT: 17.498 min Scan# 2453

Delta R.T. -0.017 min

Lab File: BM044739.D

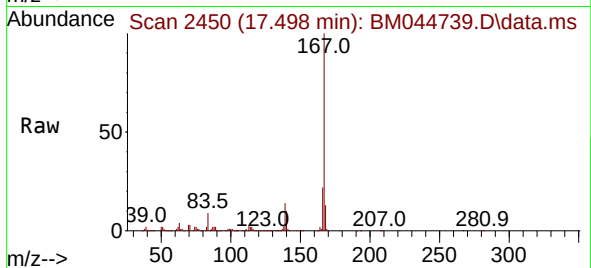
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



Tgt Ion:167 Resp: 1690340

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

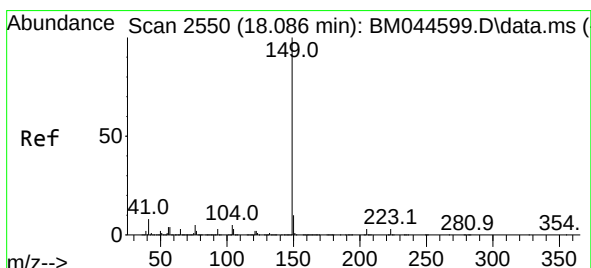
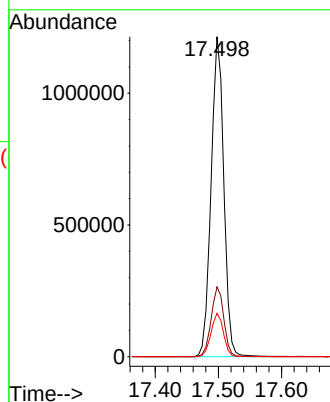
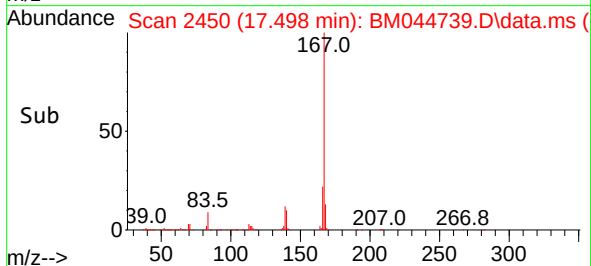
139 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#74

Di-n-butylphthalate

Concen: 46.358 ng

RT: 18.068 min Scan# 2547

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

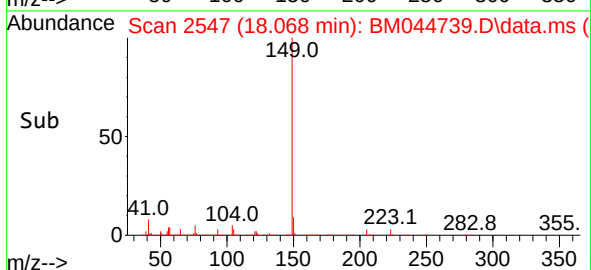
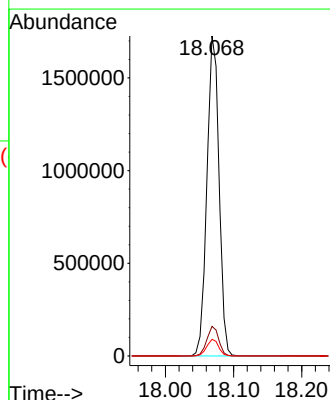
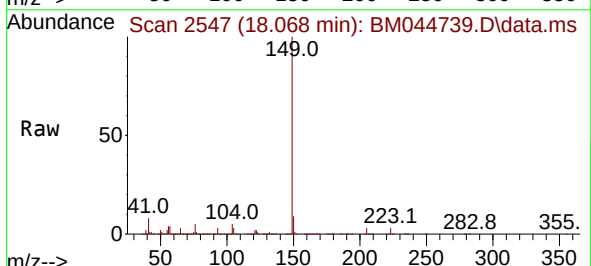
Tgt Ion:149 Resp: 2133469

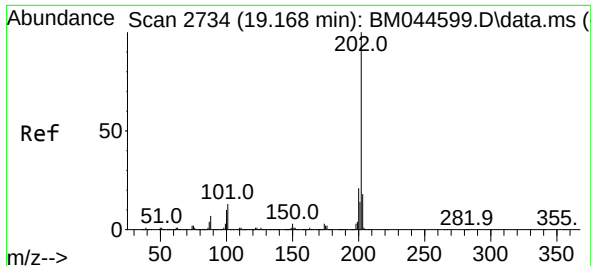
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.2 4.0 6.0





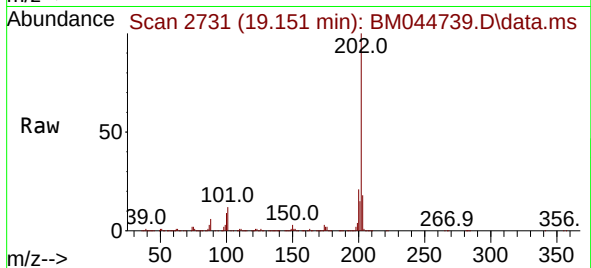
#75
Fluoranthene
Concen: 45.122 ng
RT: 19.151 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



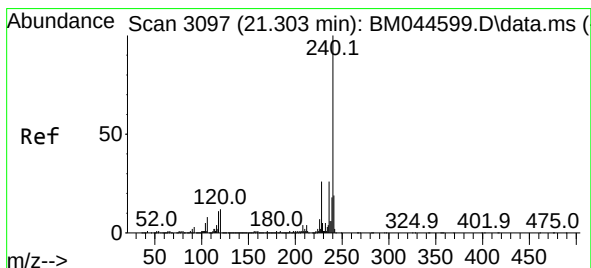
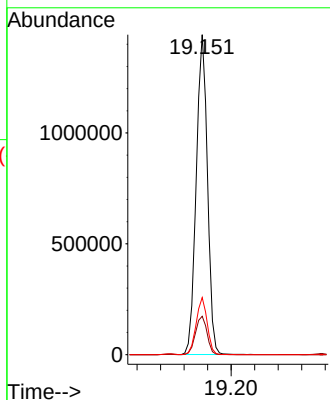
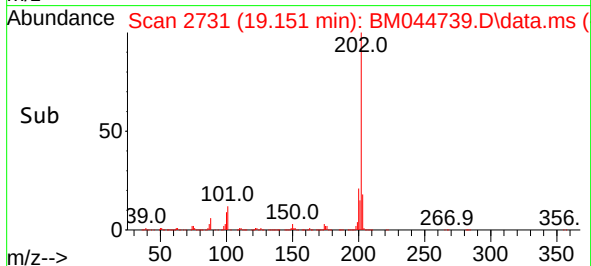
Tgt Ion:202 Resp: 190716
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.3
203 17.9 0.0 37.7

Manual Integrations

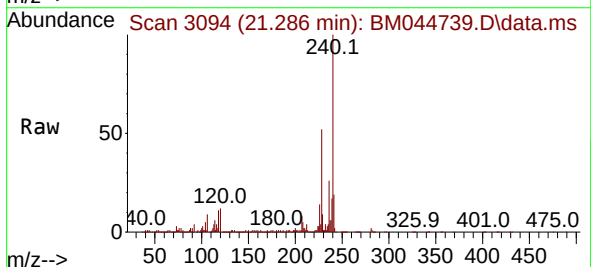
APPROVED

Reviewed By :Yogesh Patel 03/26/2024

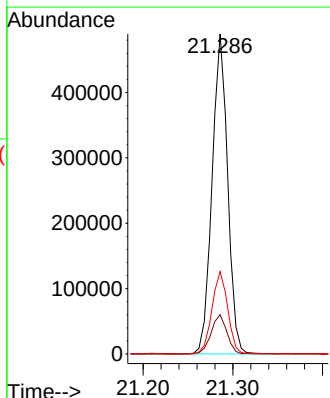
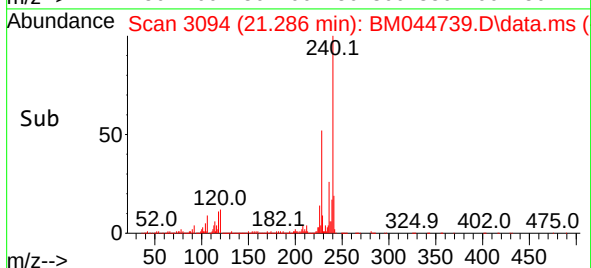
Supervised By :mohammad ahmed 03/26/2024

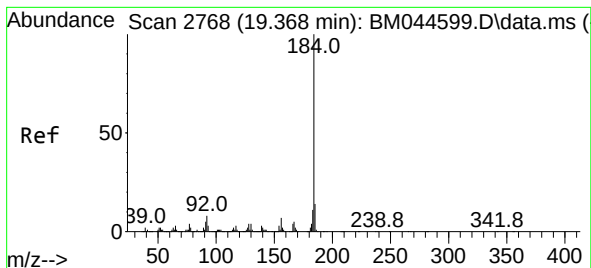


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



Tgt Ion:240 Resp: 588703
Ion Ratio Lower Upper
240 100
120 12.3 9.7 14.5
236 25.7 21.0 31.4





#77

Benzidine

Concen: 50.083 ng

RT: 19.351 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

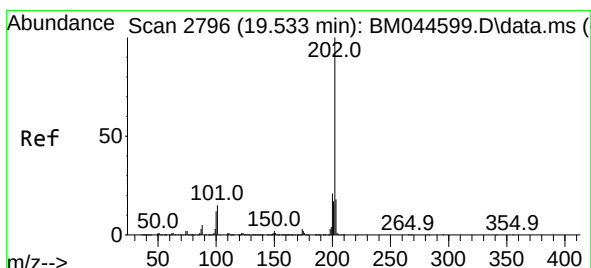
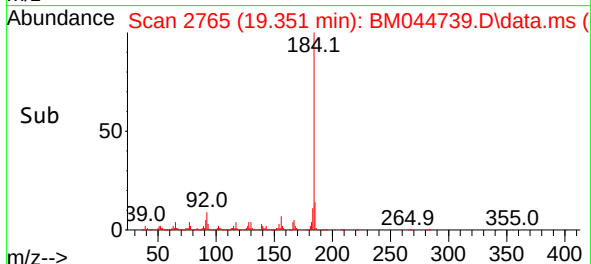
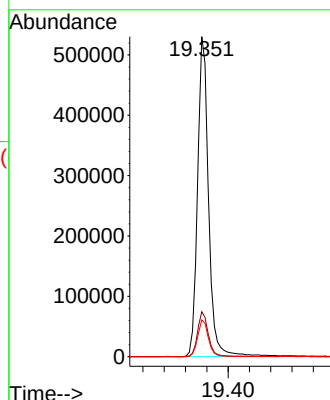
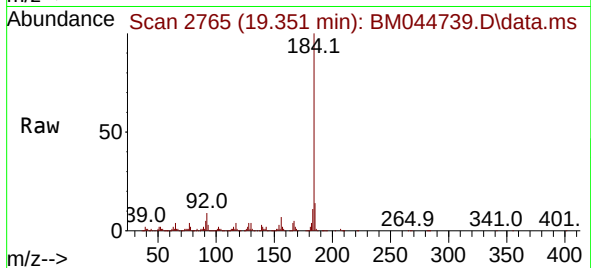
Tgt Ion:184 Resp: 762020
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.0 16.6
 183 11.5 8.7 13.1

Manual Integrations

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Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#78

Pyrene

Concen: 46.943 ng

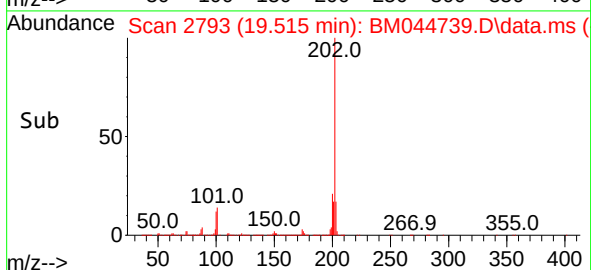
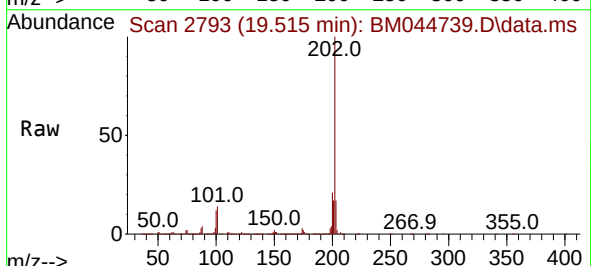
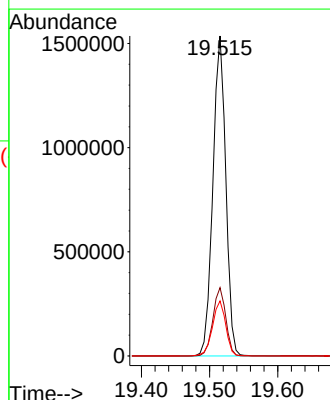
RT: 19.515 min Scan# 2793

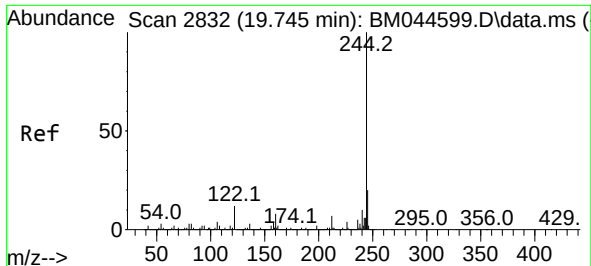
Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Tgt Ion:202 Resp: 2025469
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 17.2 14.1 21.1





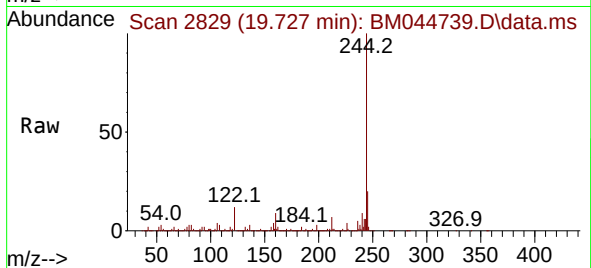
#79
 Terphenyl-d14
 Concen: 92.360 ng
 RT: 19.727 min Scan# 2829
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



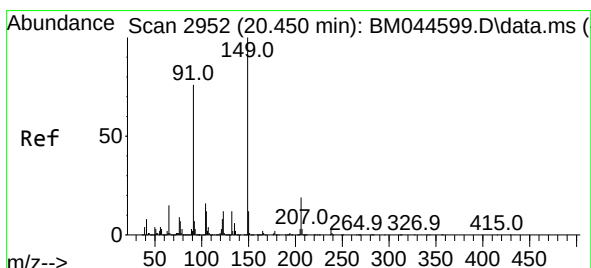
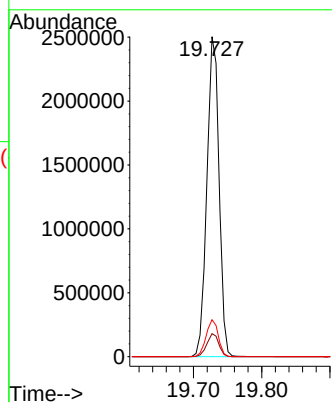
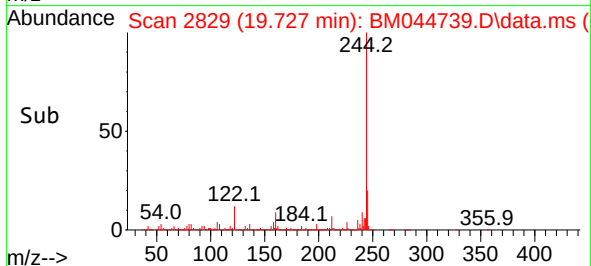
Tgt Ion:244 Resp: 310814
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.6 9.7 14.5

Manual Integrations

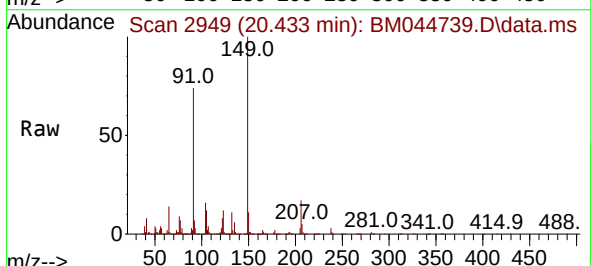
APPROVED

Reviewed By :Yogesh Patel 03/26/2024

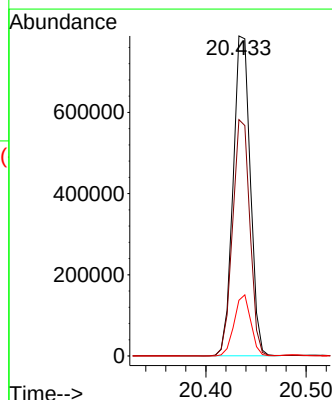
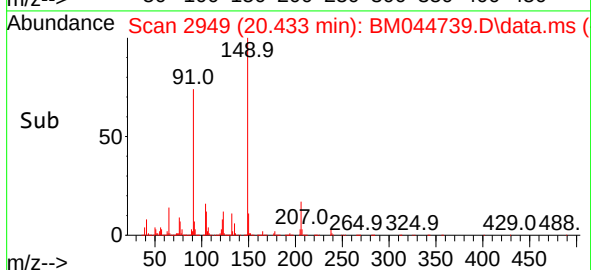
Supervised By :mohammad ahmed 03/26/2024

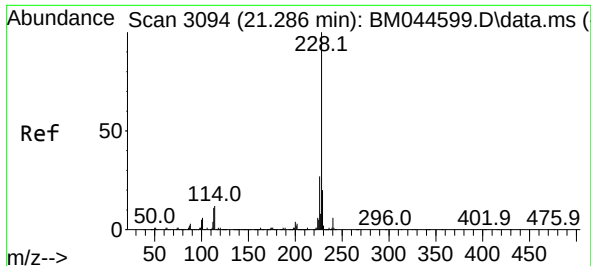


#80
 Butylbenzylphthalate
 Concen: 48.240 ng
 RT: 20.433 min Scan# 2949
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50



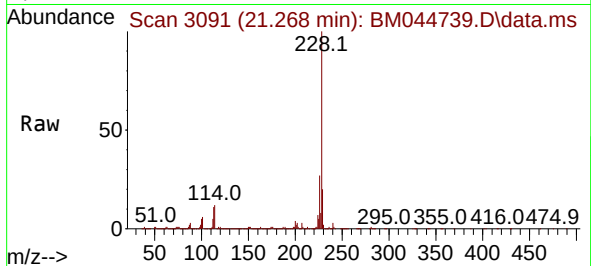
Tgt Ion:149 Resp: 938051
 Ion Ratio Lower Upper
 149 100
 91 73.8 61.0 91.6
 206 17.4 15.0 22.6





#81
Benzo(a)anthracene
Concen: 47.422 ng
RT: 21.268 min Scan# 3094
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

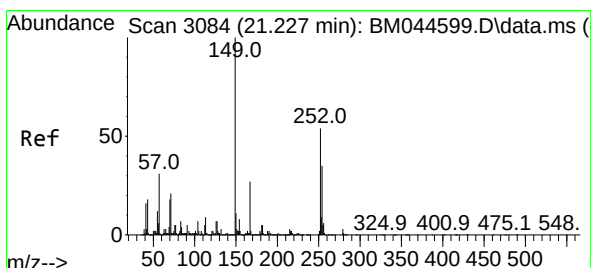
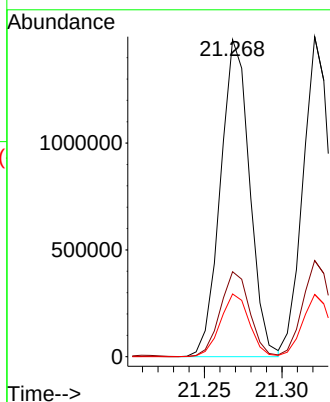
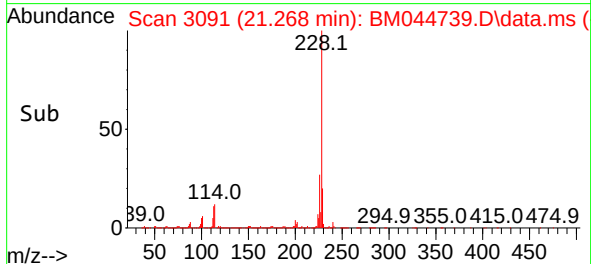
Instrument :
BNA_M
ClientSampleId :
PB159682BS



Tgt Ion:228 Resp: 1942518
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.8 15.9 23.9

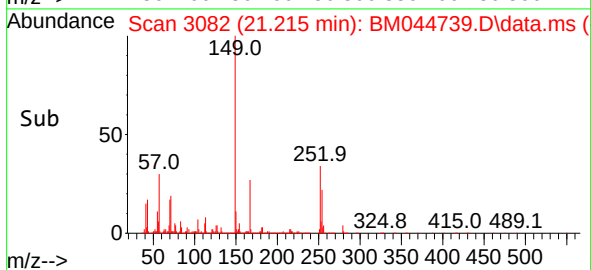
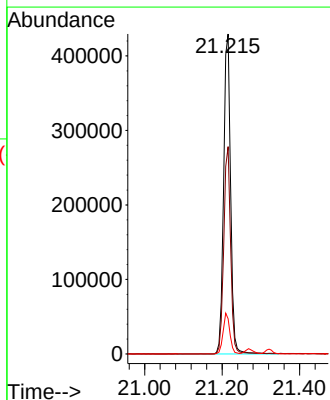
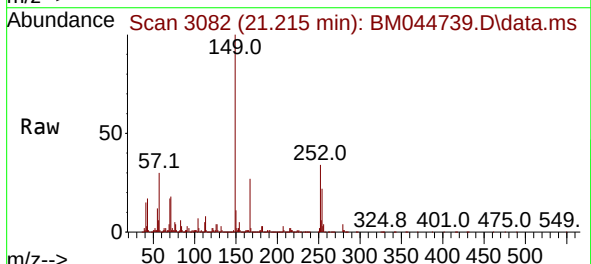
Manual Integrations
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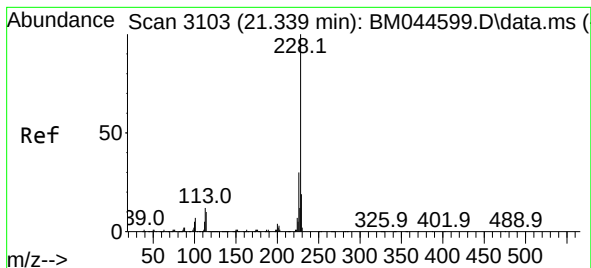
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.931 ng
RT: 21.215 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:252 Resp: 535121
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.0
126 11.0 9.8 14.6





#83

Chrysene

Concen: 46.455 ng

RT: 21.321 min Scan# 3103

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

Tgt Ion:228 Resp: 1818330

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

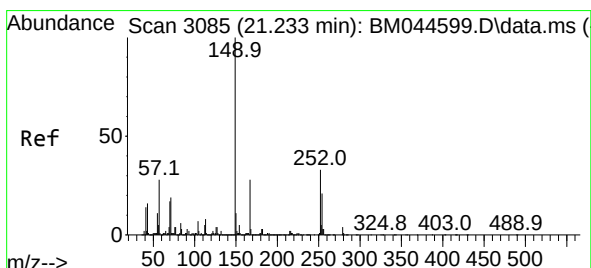
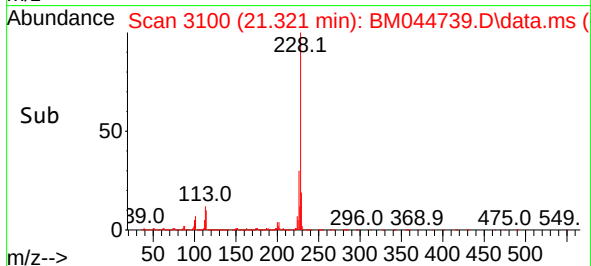
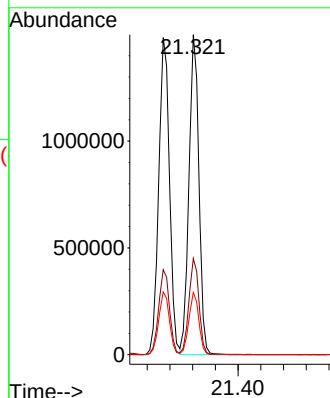
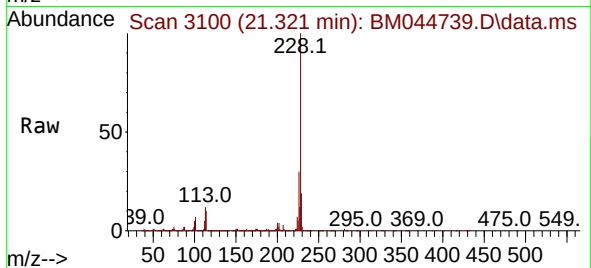
229 19.5 15.5 23.3

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Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.431 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

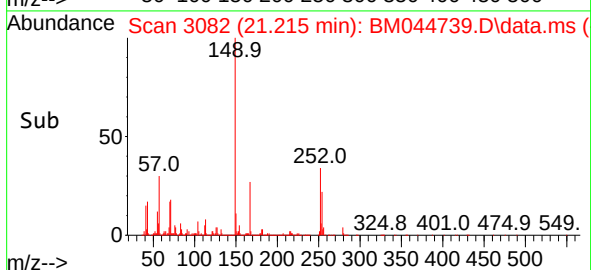
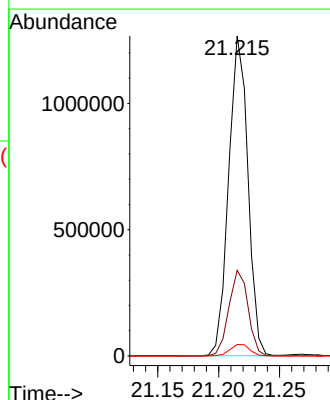
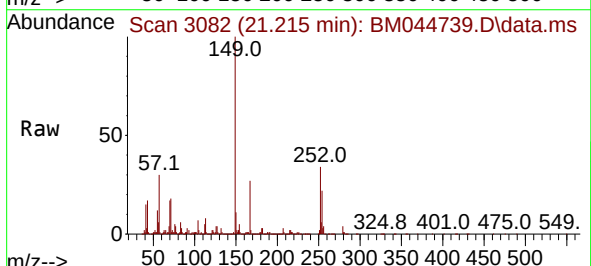
Tgt Ion:149 Resp: 1389509

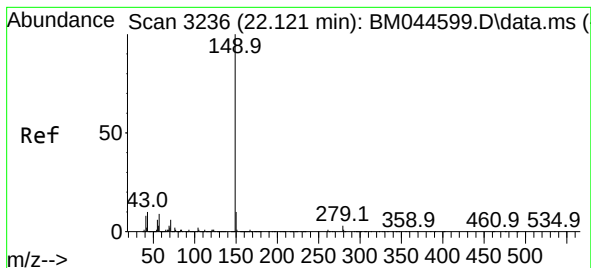
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 3.6 3.0 4.4





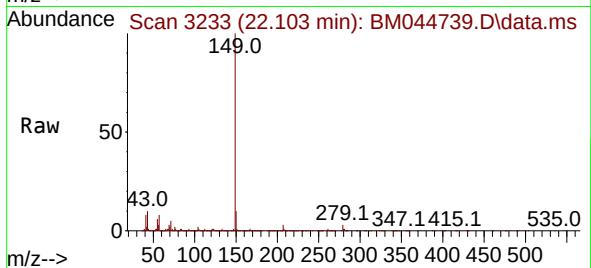
#85
Di-n-octyl phthalate
Concen: 47.302 ng
RT: 22.103 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS



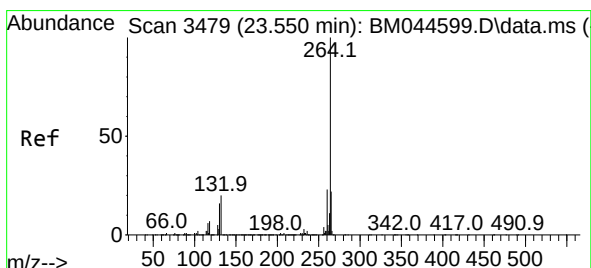
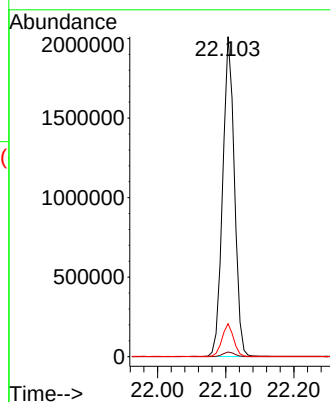
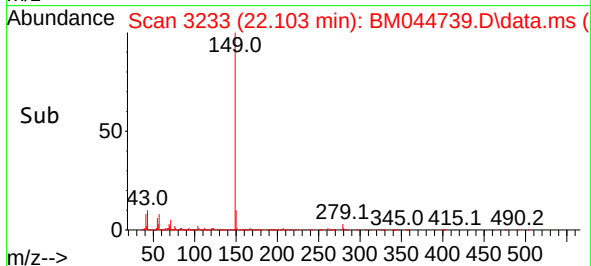
Tgt Ion:149 Resp: 240370
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 7.9 11.9

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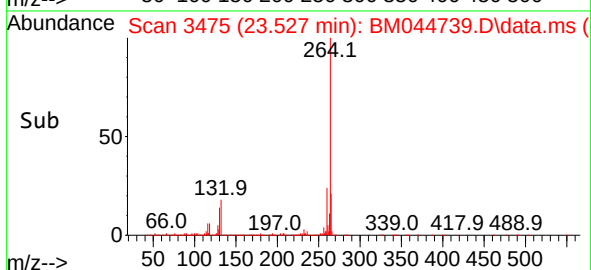
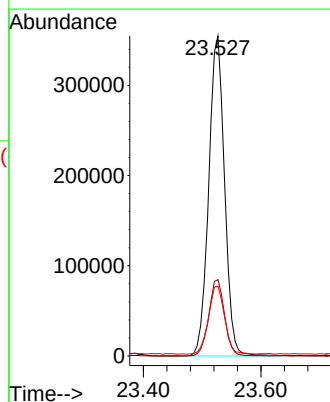
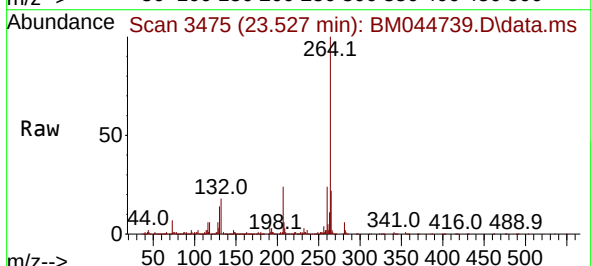
Reviewed By :Yogesh Patel 03/26/2024

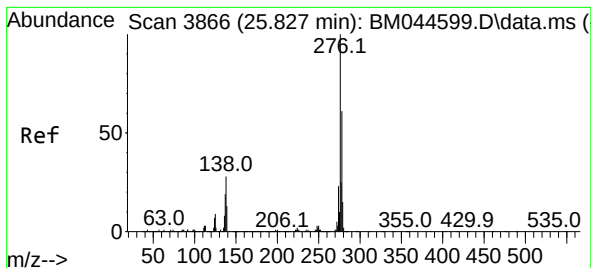
Supervised By :mohammad ahmed 03/26/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.527 min Scan# 3475
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:264 Resp: 664511
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.272 ng

RT: 25.791 min Scan# 3

Delta R.T. -0.035 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

Tgt Ion:276 Resp: 2318890

Ion Ratio Lower Upper

276 100

138 28.0 23.6 35.4

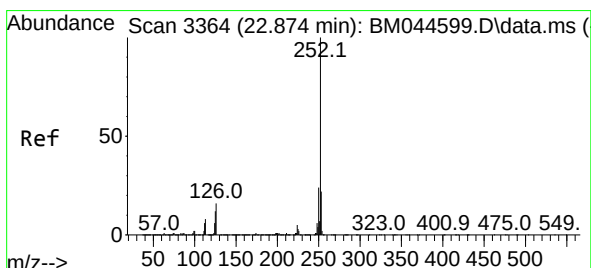
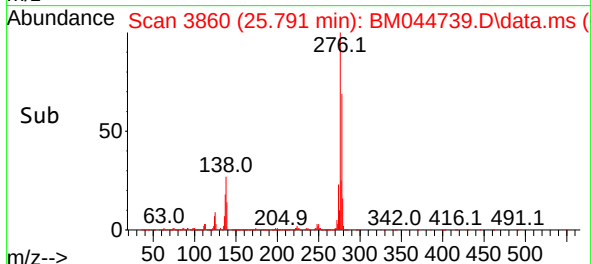
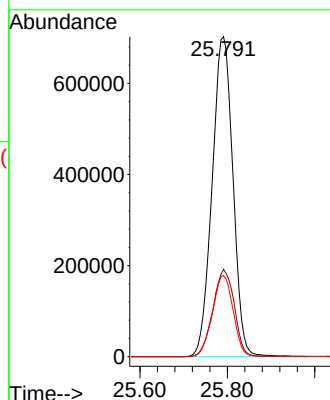
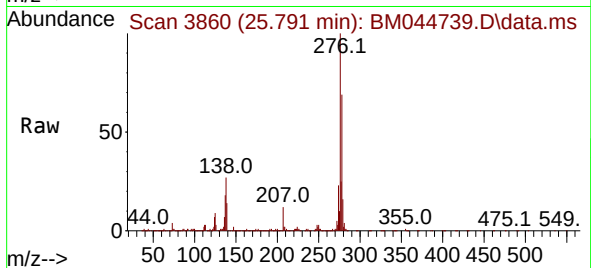
277 25.3 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#88

Benzo(b)fluoranthene

Concen: 51.132 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

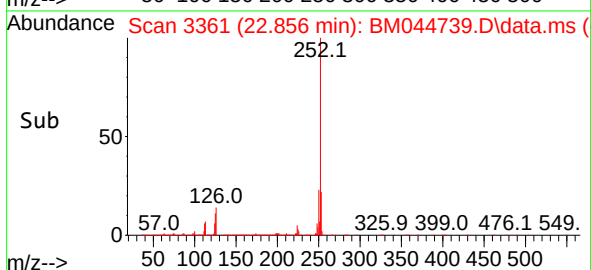
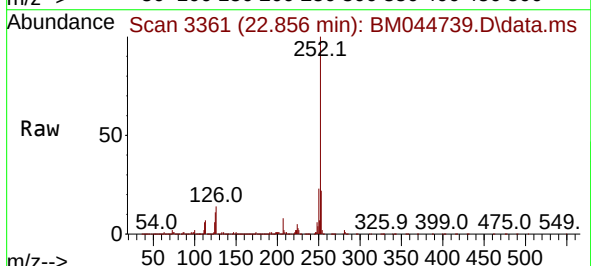
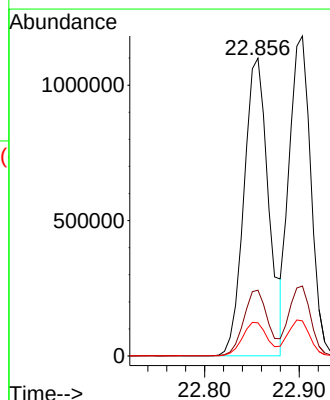
Tgt Ion:252 Resp: 1996771

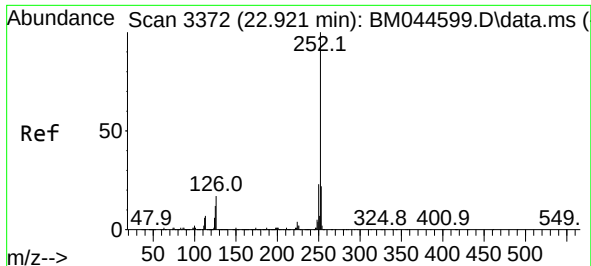
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

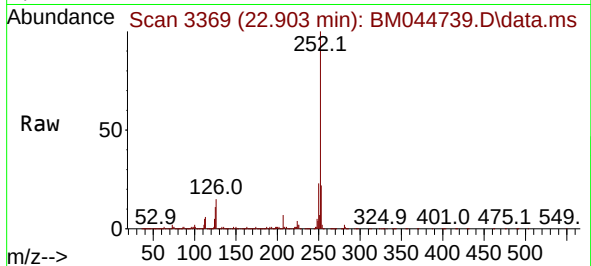
125 11.1 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 46.459 ng
RT: 22.903 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

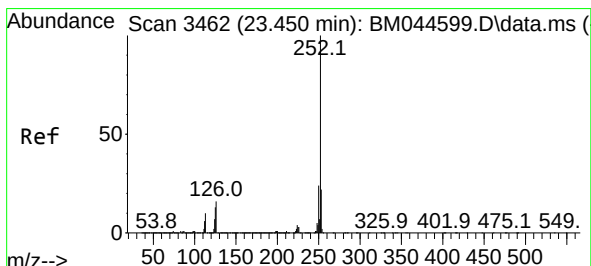
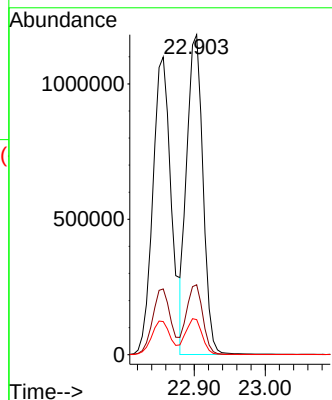
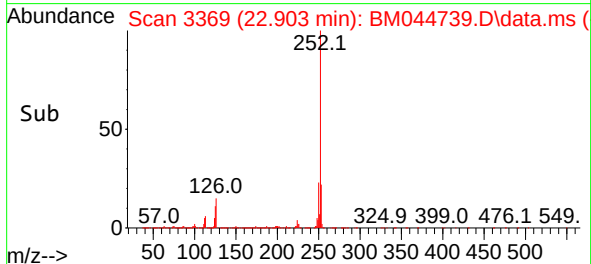
Instrument :
BNA_M
ClientSampleId :
PB159682BS



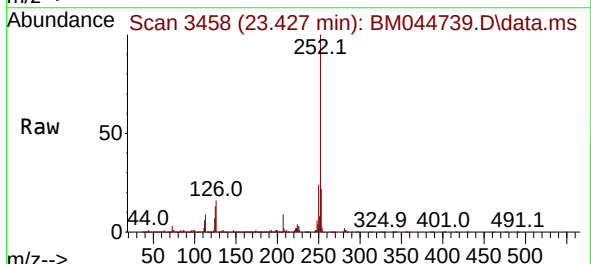
Tgt Ion:252 Resp: 186515
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.0 9.4 14.0

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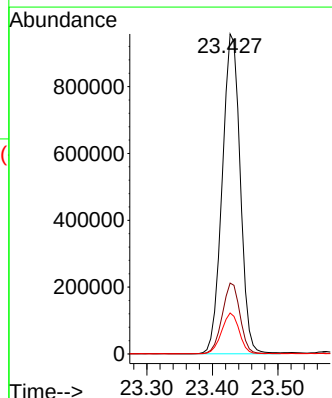
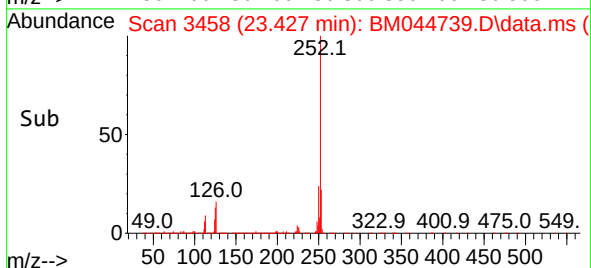
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

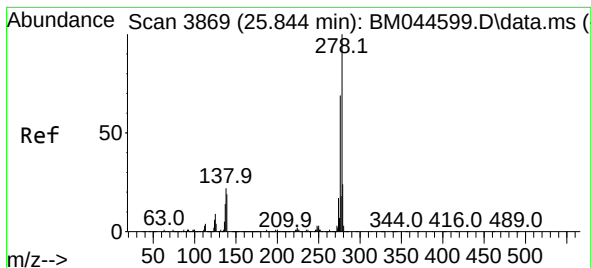


#90
Benzo(a)pyrene
Concen: 47.741 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50



Tgt Ion:252 Resp: 1818432
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 47.274 ng

RT: 25.809 min Scan# 3863

Delta R.T. -0.035 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

Tgt Ion:278 Resp: 1914520

Ion Ratio Lower Upper

278 100

139 17.4 15.0 22.6

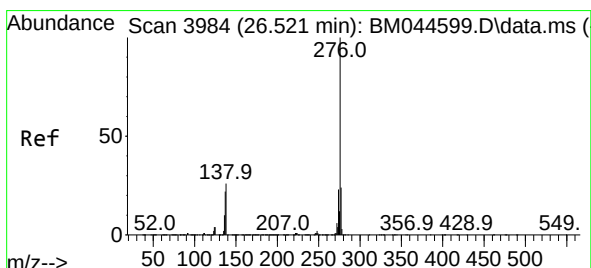
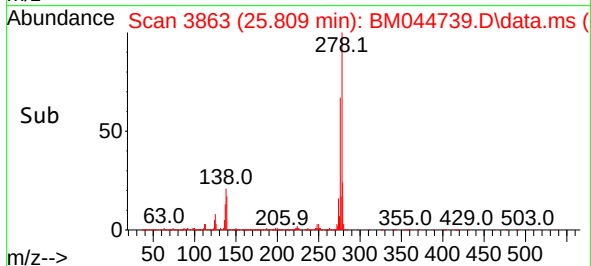
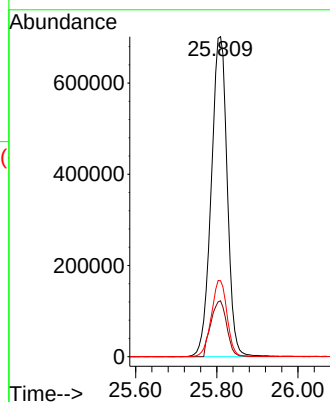
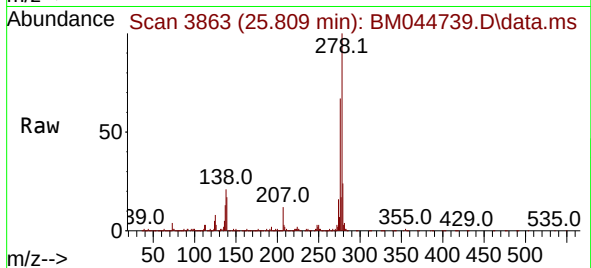
279 23.7 19.3 28.9

Manual Integrations

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Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#92

Benzo(g,h,i)perylene

Concen: 45.430 ng

RT: 26.480 min Scan# 3977

Delta R.T. -0.041 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Tgt Ion:276 Resp: 1811126

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 24.2 20.7 31.1

