

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044737.D
 Acq On : 22 Mar 2024 16:37
 Operator : MA/JU
 Sample : PB159733BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159733BSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 22 17:19:45 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	209726	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	791462	20.000	ng	-0.02
39) Acenaphthene-d10	14.328	164	400496	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	769275	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	646485	20.000	ng	-0.02
86) Perylene-d12	23.527	264	708950	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1825736	124.989	ng	0.00
7) Phenol-d6	6.875	99	2177200	115.857	ng	0.00
23) Nitrobenzene-d5	8.851	82	1370143	83.399	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	602739	136.449	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2524376	86.808	ng	-0.02
79) Terphenyl-d14	19.727	244	3181763	86.097	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	211824	34.501	ng	97
3) Pyridine	3.681	79	527713	31.081	ng	97
4) n-Nitrosodimethylamine	3.611	42	293847	43.185	ng	88
6) Aniline	7.034	93	346172	15.554	ng	97
8) 2-Chlorophenol	7.257	128	648914	44.601	ng	99
9) Benzaldehyde	6.852	77	241580	24.545	ng	100
10) Phenol	6.899	94	796655	42.448	ng	95
11) bis(2-Chloroethyl)ether	7.134	93	645596	42.131	ng	99
12) 1,3-Dichlorobenzene	7.575	146	694811	44.414	ng	98
13) 1,4-Dichlorobenzene	7.722	146	705324	44.734	ng	99
14) 1,2-Dichlorobenzene	8.034	146	671765	44.676	ng	99
15) Benzyl Alcohol	7.940	79	536688	43.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.210	45	927032m	43.635	ng	
17) 2-Methylphenol	8.134	107	505584	39.500	ng	98
18) Hexachloroethane	8.746	117	270718	46.444	ng	97
19) n-Nitroso-di-n-propyla...	8.498	70	415718	36.224	ng	95
20) 3+4-Methylphenols	8.463	107	690747	39.990	ng	100
22) Acetophenone	8.516	105	908626	43.698	ng	# 97
24) Nitrobenzene	8.893	77	698464	43.009	ng	100
25) Isophorone	9.410	82	1236526	43.623	ng	99
26) 2-Nitrophenol	9.593	139	324625	46.324	ng	97
27) 2,4-Dimethylphenol	9.651	122	448930	36.429	ng	97
28) bis(2-Chloroethoxy)met...	9.898	93	783412	41.619	ng	100
29) 2,4-Dichlorophenol	10.116	162	533527	45.424	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	562345	45.005	ng	99
31) Naphthalene	10.516	128	1832094	42.179	ng	100
32) Benzoic acid	9.810	122	376075	38.974	ng	98
33) 4-Chloroaniline	10.640	127	314179	17.241	ng	99
34) Hexachlorobutadiene	10.781	225	321468	46.143	ng	99
35) Caprolactam	11.451	113	158319m	41.787	ng	
36) 4-Chloro-3-methylphenol	11.769	107	543049	42.135	ng	98
37) 2-Methylnaphthalene	12.134	142	1174728	39.846	ng	98
38) 1-Methylnaphthalene	12.351	142	1108759	40.353	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	550848	48.468	ng	98
41) Hexachlorocyclopentadiene	12.469	237	668256	103.212	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	372475	48.536	ng	99

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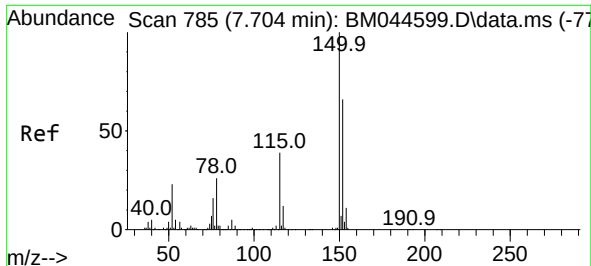
Manual Integrations
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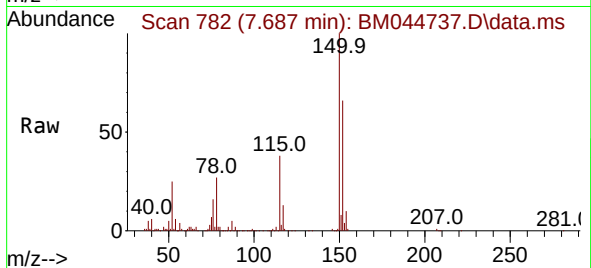
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	395568	43.501	ng	# 95
46) 1,1'-Biphenyl	13.163	154	1434164	45.786	ng	99
47) 2-Chloronaphthalene	13.198	162	1099508	47.469	ng	98
48) 2-Nitroaniline	13.422	65	363293	46.225	ng	100
49) Acenaphthylene	14.051	152	1785570	47.322	ng	100
50) Dimethylphthalate	13.804	163	1300818	43.424	ng	100
51) 2,6-Dinitrotoluene	13.928	165	283436	45.436	ng	99
52) Acenaphthene	14.398	154	1003218	43.982	ng	99
53) 3-Nitroaniline	14.257	138	232210	31.789	ng	100
54) 2,4-Dinitrophenol	14.469	184	342869	83.783	ng	96
55) Dibenzofuran	14.733	168	1568170	43.318	ng	98
56) 4-Nitrophenol	14.575	139	550019	91.682	ng	94
57) 2,4-Dinitrotoluene	14.716	165	378238	46.404	ng	93
58) Fluorene	15.386	166	1235579	43.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	320876	45.450	ng	99
60) Diethylphthalate	15.175	149	1320882	43.558	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	590122	43.604	ng	99
62) 4-Nitroaniline	15.427	138	314409m	43.089	ng	
63) Azobenzene	15.680	77	1375861	43.892	ng	98
65) 4,6-Dinitro-2-methylph...	15.480	198	209173	43.358	ng	97
66) n-Nitrosodiphenylamine	15.610	169	1053180	43.928	ng	98
67) 4-Bromophenyl-phenylether	16.280	248	350230	44.015	ng	96
68) Hexachlorobenzene	16.380	284	401255	47.439	ng	98
69) Atrazine	16.569	200	295701	39.470	ng	98
70) Pentachlorophenol	16.733	266	548095	90.085	ng	98
71) Phenanthrene	17.127	178	1834796	43.160	ng	100
72) Anthracene	17.221	178	1866616	43.779	ng	100
73) Carbazole	17.498	167	1768145	44.031	ng	99
74) Di-n-butylphthalate	18.068	149	2287133	44.201	ng	99
75) Fluoranthene	19.151	202	2042748	42.985	ng	98
77) Benzidine	19.357	184	573160	34.303	ng	99
78) Pyrene	19.515	202	2135496	45.070	ng	100
80) Butylbenzylphthalate	20.439	149	1001424	46.896	ng	96
81) Benzo(a)anthracene	21.268	228	2042812	45.414	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	596800	38.522	ng	99
83) Chrysene	21.321	228	1887974	43.923	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1475462	45.863	ng	99
85) Di-n-octyl phthalate	22.103	149	2545106	45.609	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	2367291	46.190	ng	99
88) Benzo(b)fluoranthene	22.856	252	2112426	50.703	ng	99
89) Benzo(k)fluoranthene	22.898	252	1910593	44.608	ng	99
90) Benzo(a)pyrene	23.433	252	1854783	45.643	ng	98
91) Dibenzo(a,h)anthracene	25.809	278	1985254	45.948	ng	98
92) Benzo(g,h,i)perylene	26.480	276	1902997	44.743	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

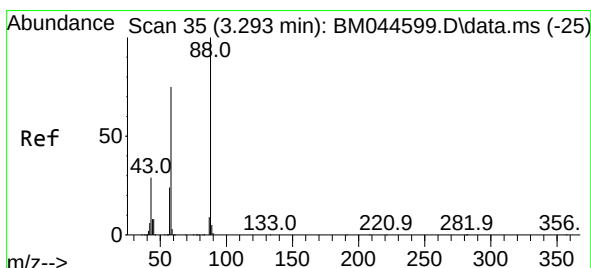
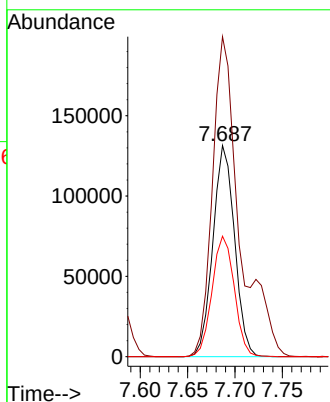
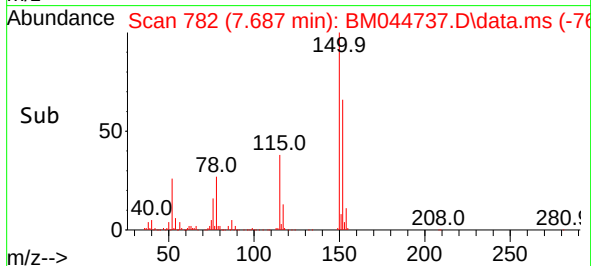
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:152 Resp: 209720
Ion Ratio Lower Upper
152 100
150 151.5 121.9 182.9
115 57.0 47.1 70.7

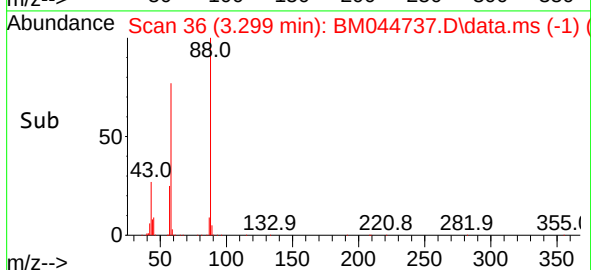
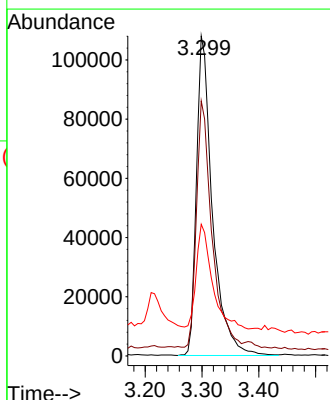
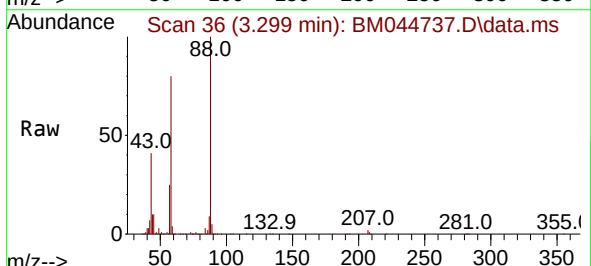
Manual Integrations
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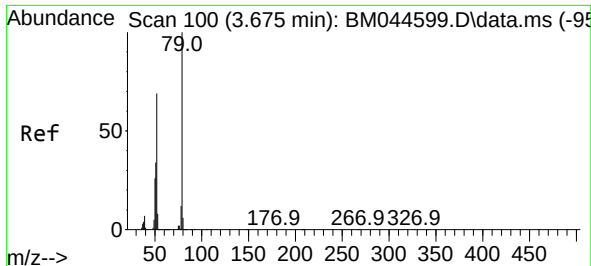
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#2
1,4-Dioxane
Concen: 34.501 ng
RT: 3.299 min Scan# 36
Delta R.T. 0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

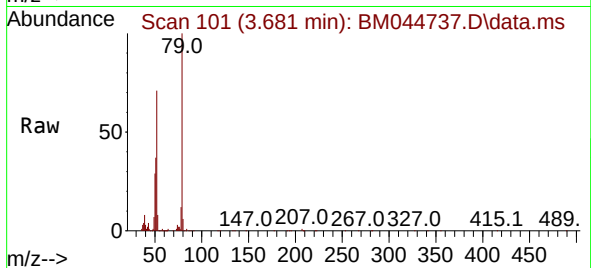
Tgt Ion: 88 Resp: 211824
Ion Ratio Lower Upper
88 100
58 73.8 60.2 90.2
43 32.3 23.5 35.3





#3
Pyridine
Concen: 31.081 ng
RT: 3.681 min Scan# 101
Delta R.T. 0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

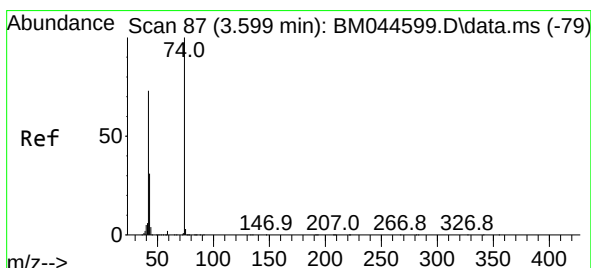
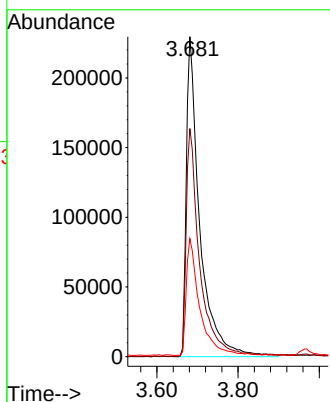
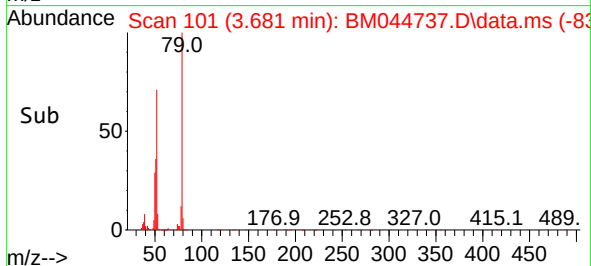
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



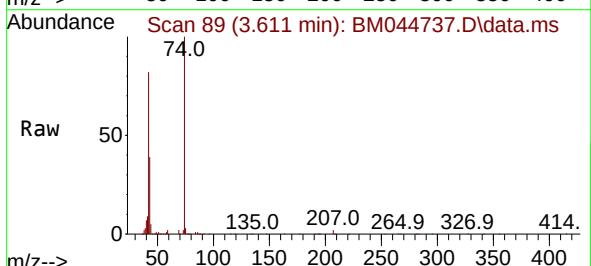
Tgt Ion: 79 Resp: 52771
Ion Ratio Lower Upper
79 100
52 71.3 55.5 83.3
51 36.9 27.7 41.5

Manual Integrations
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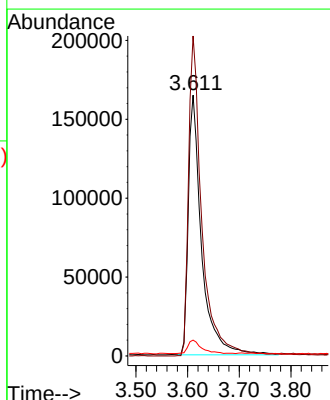
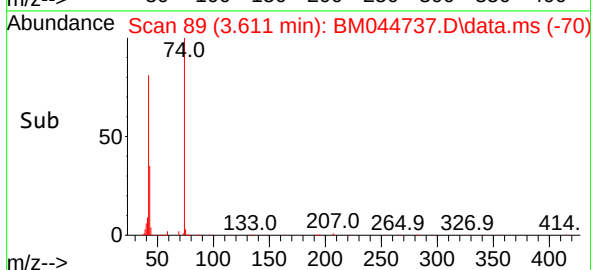
Reviewed By :Yogesh Patel 03/26/2024
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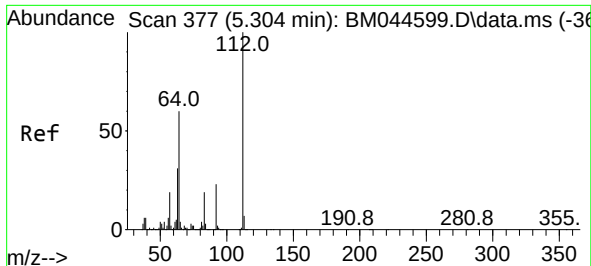


#4
n-Nitrosodimethylamine
Concen: 43.185 ng
RT: 3.611 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



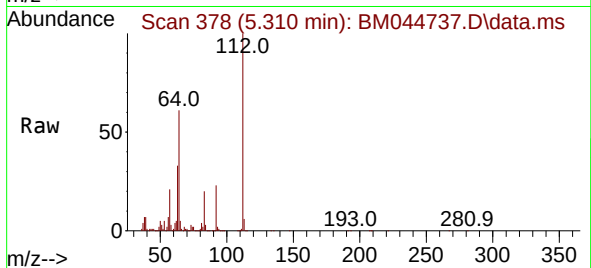
Tgt Ion: 42 Resp: 293847
Ion Ratio Lower Upper
42 100
74 122.7 109.7 164.5
44 6.1 5.4 8.0





#5
2-Fluorophenol
Concen: 124.989 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

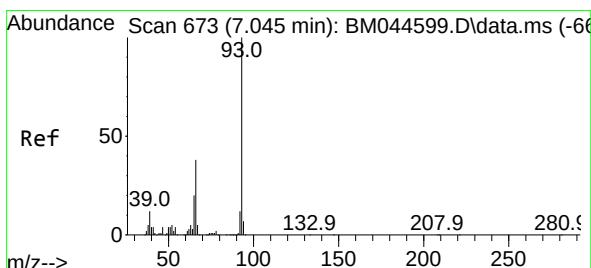
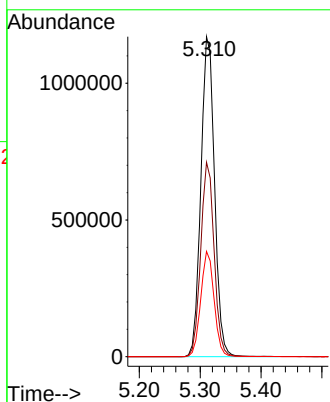
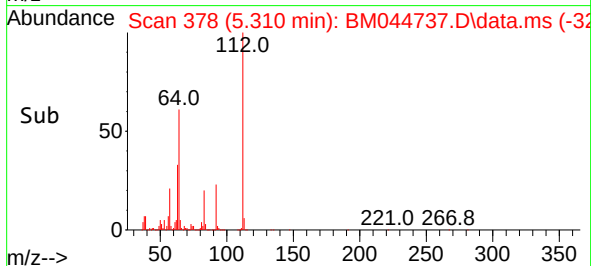
Instrument :
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Tgt Ion: 112 Resp: 1825730
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 32.9 25.0 37.4

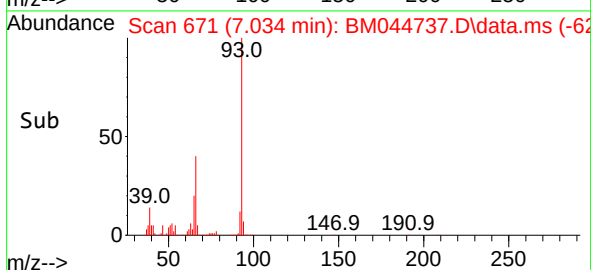
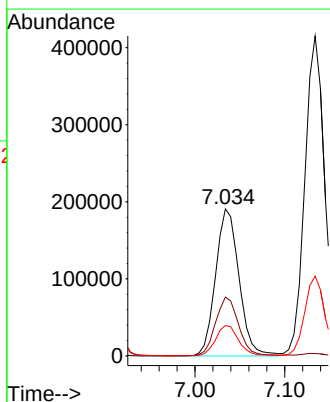
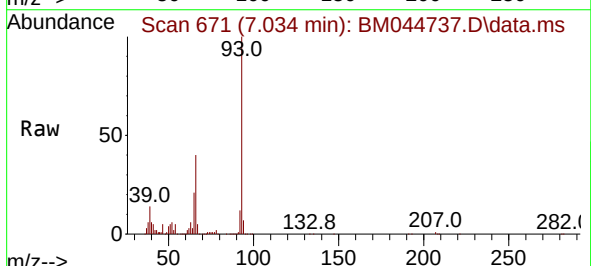
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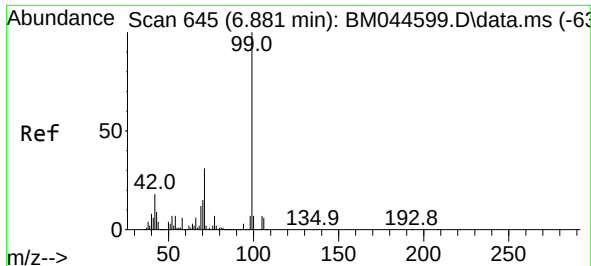
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#6
Aniline
Concen: 15.554 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 93 Resp: 346172
Ion Ratio Lower Upper
93 100
66 40.0 30.3 45.5
65 20.6 15.7 23.5





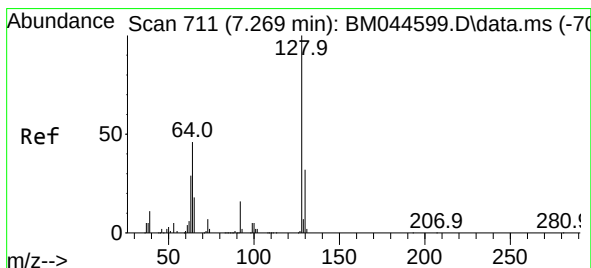
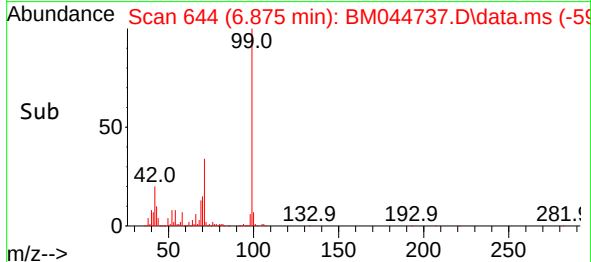
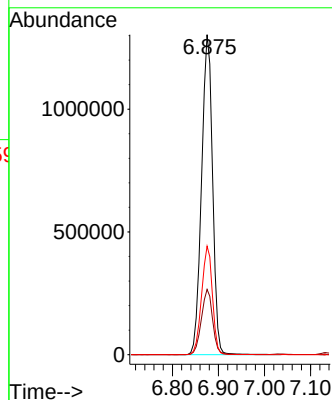
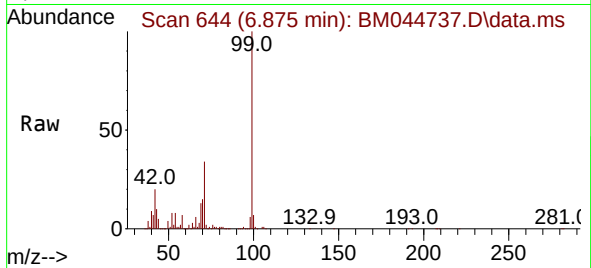
#7
Phenol-d6
Concen: 115.857 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Instrument :
BNA_M
ClientSampleId :
PB159733BSD

Tgt Ion: 99 Resp: 2177200
Ion Ratio Lower Upper
99 100
42 20.4 14.3 21.5
71 33.9 24.5 36.7

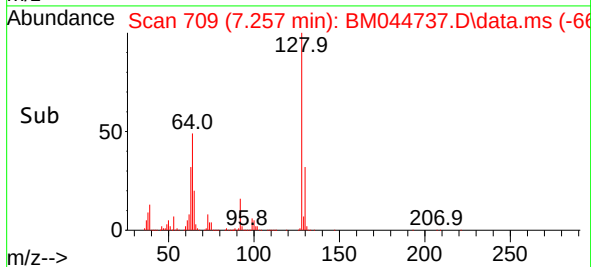
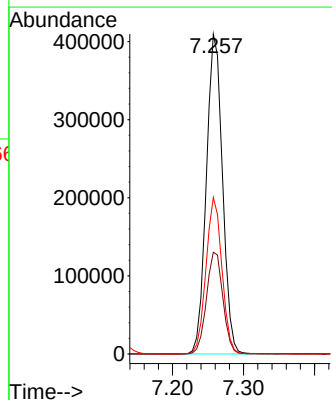
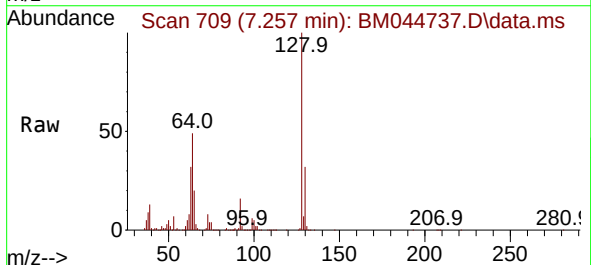
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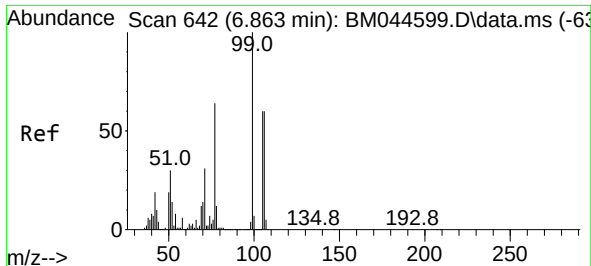
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#8
2-Chlorophenol
Concen: 44.601 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

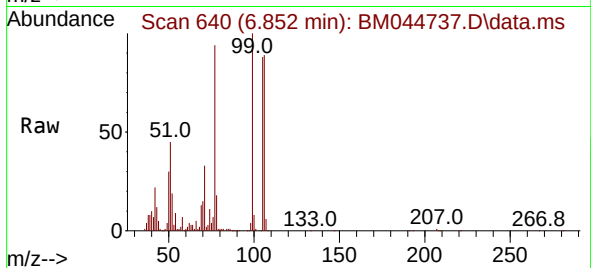
Tgt Ion:128 Resp: 648914
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 48.9 29.4 69.4





#9
Benzaldehyde
Concen: 24.545 ng
RT: 6.852 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

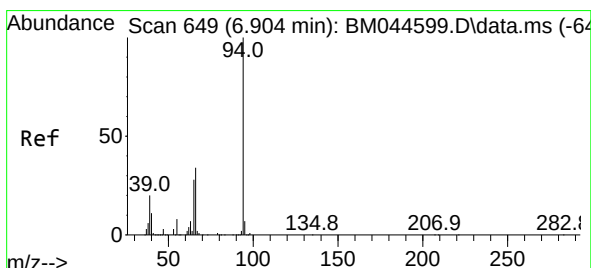
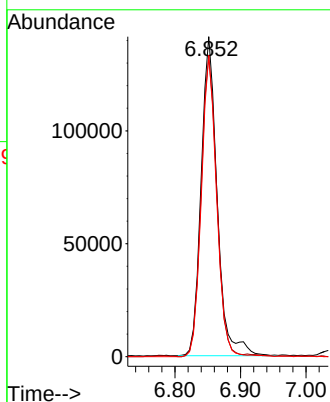
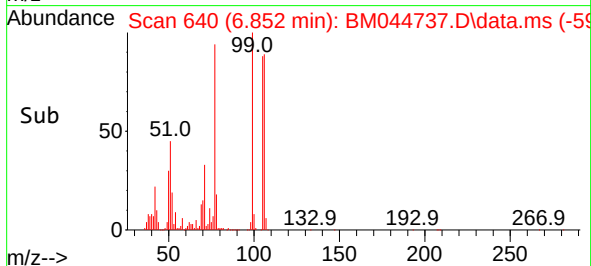
Instrument :
BNA_M
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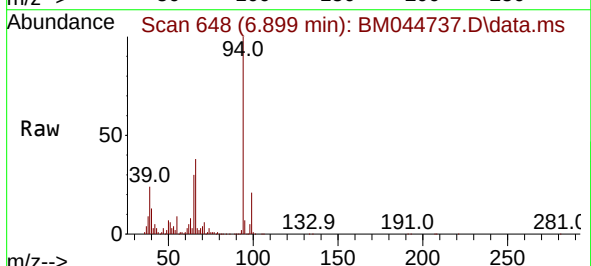
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Ion Ratio Lower Upper
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105 93.9 74.4 114.4
106 94.2 74.1 114.1

Manual Integrations
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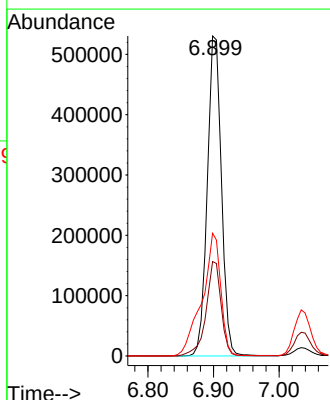
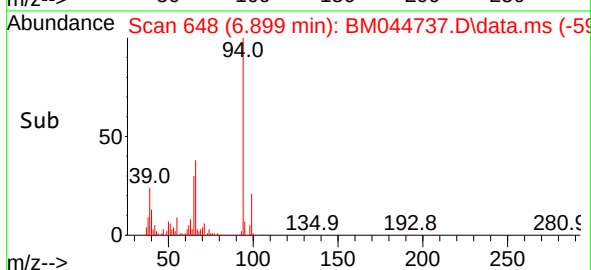
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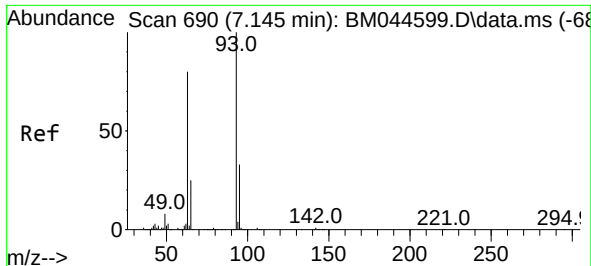


#10
Phenol
Concen: 42.448 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



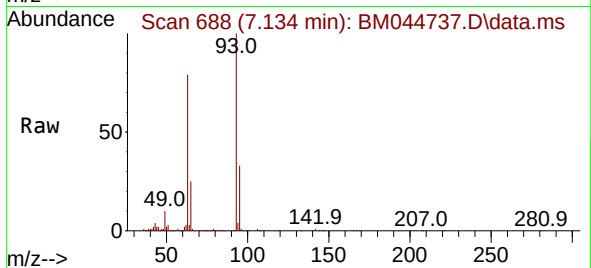
Tgt Ion: 94 Resp: 796655
Ion Ratio Lower Upper
94 100
65 29.5 7.9 47.9
66 38.4 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 42.131 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

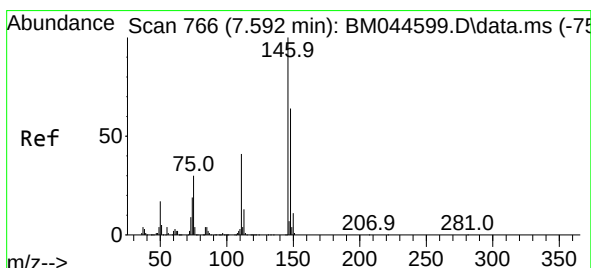
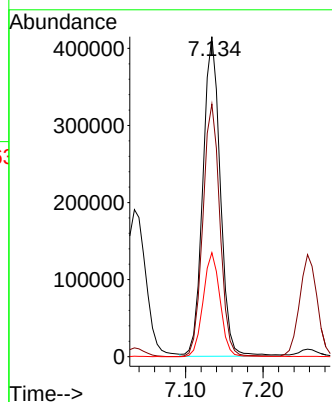
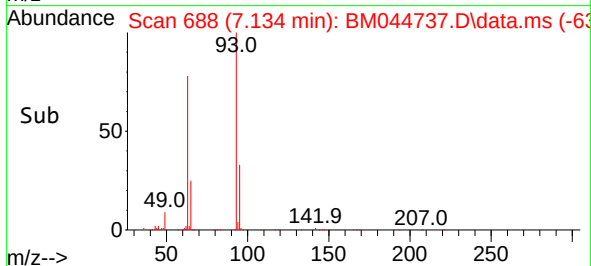
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion: 93 Resp: 645590
Ion Ratio Lower Upper
93 100
63 79.0 59.8 99.8
95 32.5 12.5 52.5

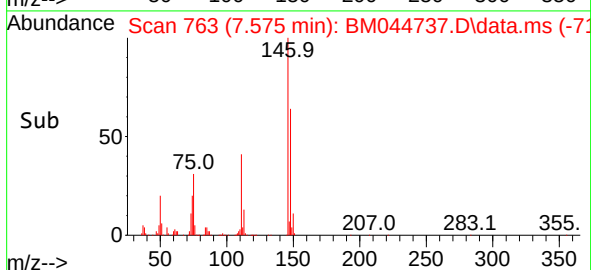
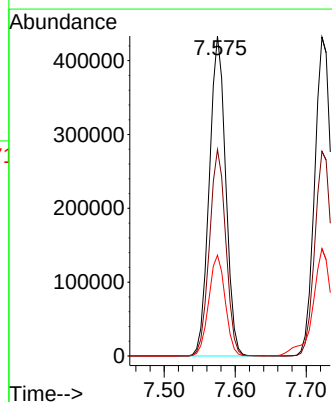
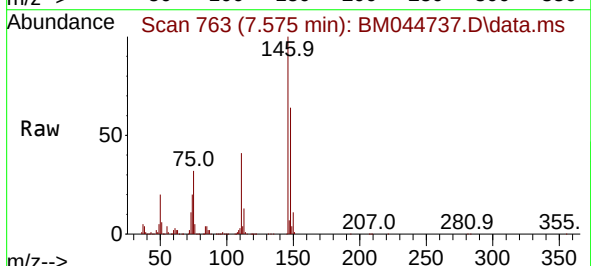
Manual Integrations
APPROVED

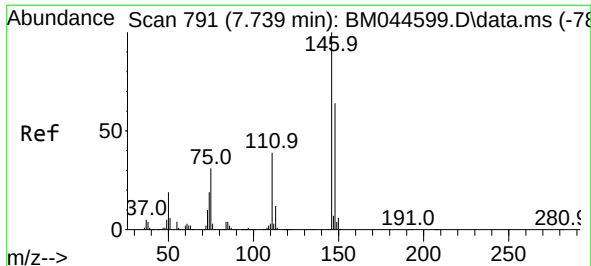
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#12
1,3-Dichlorobenzene
Concen: 44.414 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:146 Resp: 694811
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 31.5 24.1 36.1





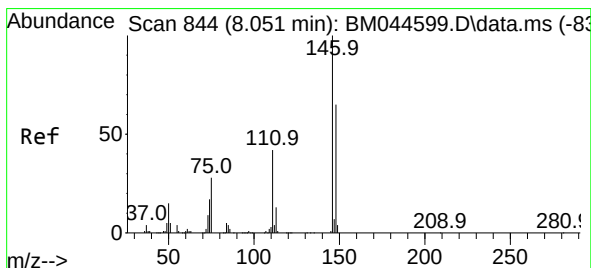
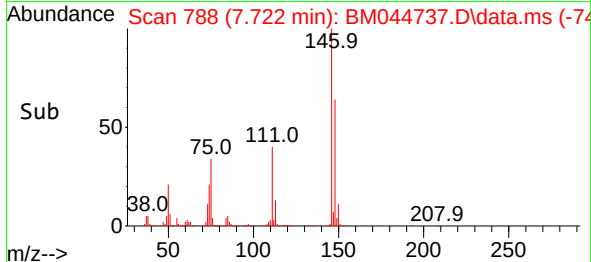
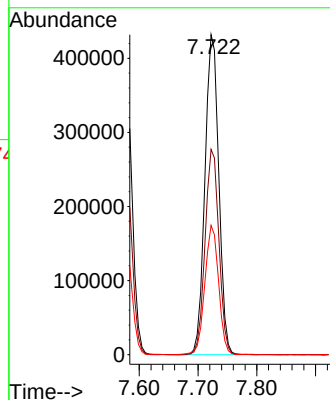
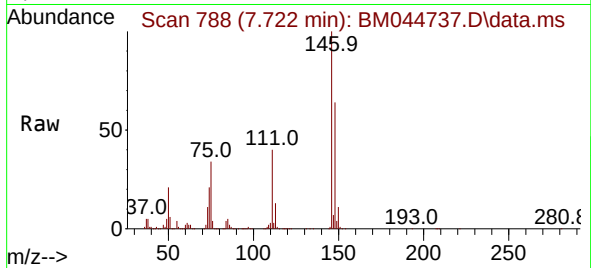
#13
1,4-Dichlorobenzene
Concen: 44.734 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Instrument :
BNA_M
ClientSampleId :
PB159733BSD

Tgt Ion:146 Resp: 705324
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 40.4 31.4 47.2

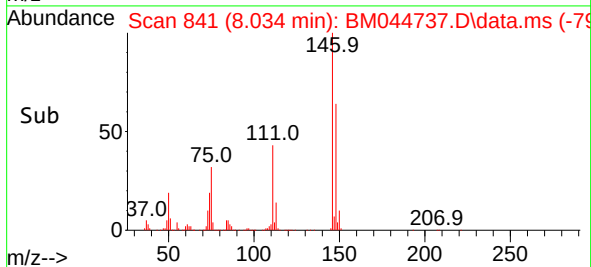
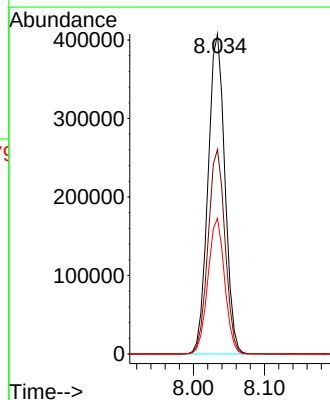
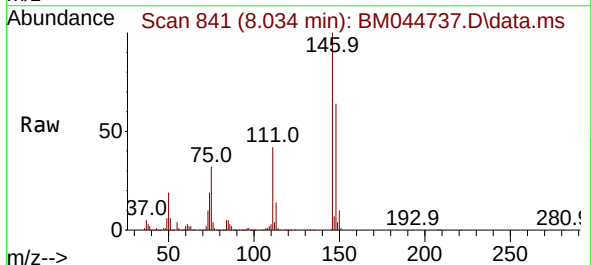
Manual Integrations
APPROVED

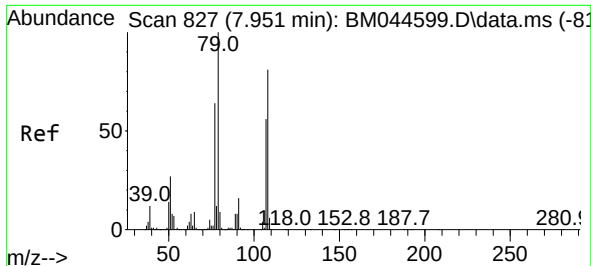
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#14
1,2-Dichlorobenzene
Concen: 44.676 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

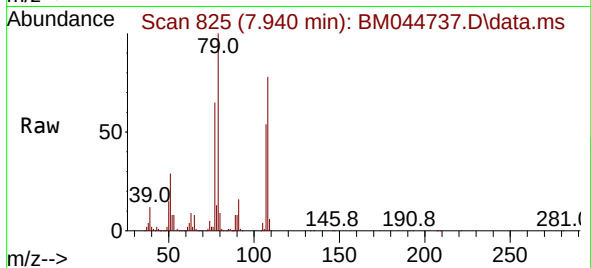
Tgt Ion:146 Resp: 671765
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 42.4 33.4 50.2





#15
Benzyl Alcohol
Concen: 43.440 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

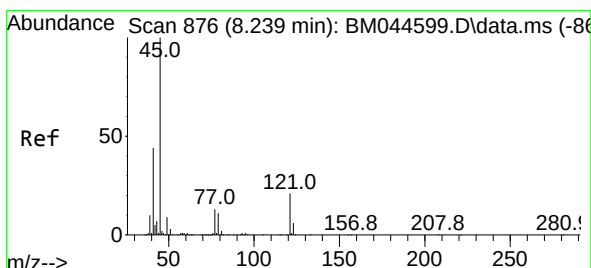
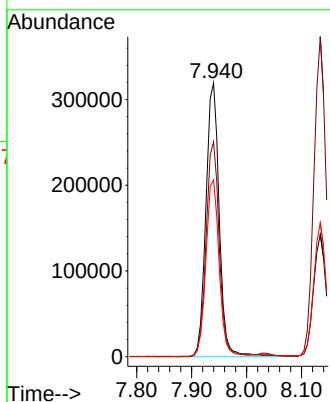
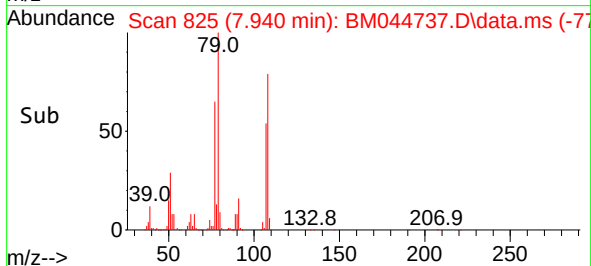
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



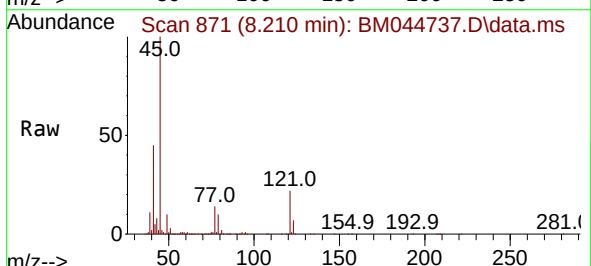
Tgt Ion: 79 Resp: 53668
Ion Ratio Lower Upper
79 100
108 78.5 65.0 97.6
77 64.6 51.7 77.5

Manual Integrations
APPROVED

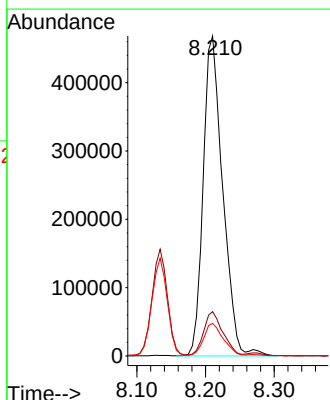
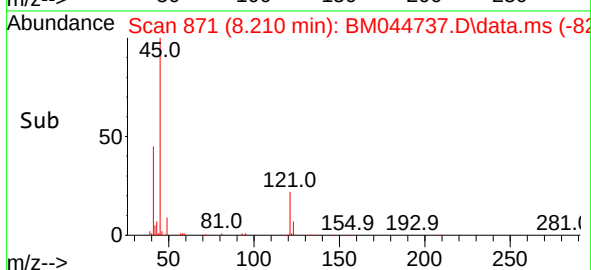
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

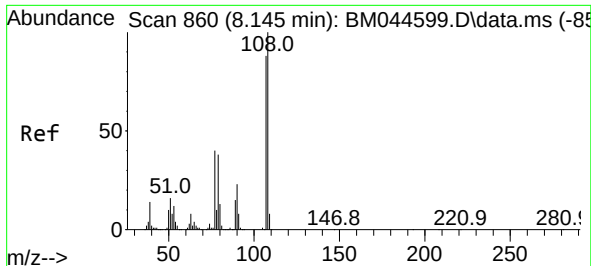


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.635 ng m
RT: 8.210 min Scan# 871
Delta R.T. -0.029 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



Tgt Ion: 45 Resp: 927032
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 10.2 0.0 31.2





#17

2-Methylphenol

Concen: 39.500 ng

RT: 8.134 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM044737.D

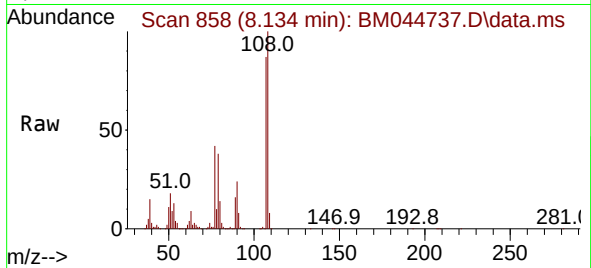
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD



Tgt Ion:107 Resp: 505584

Ion Ratio Lower Upper

107 100

108 114.8 90.7 136.1

77 48.0 36.2 54.2

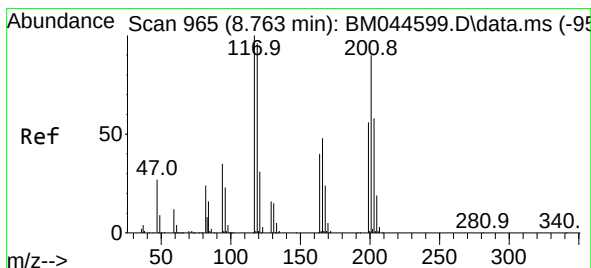
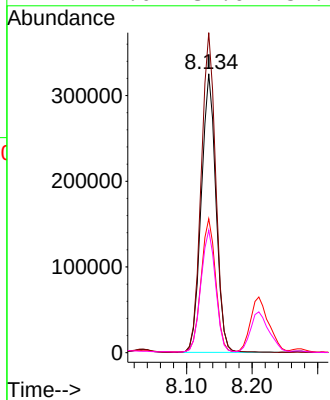
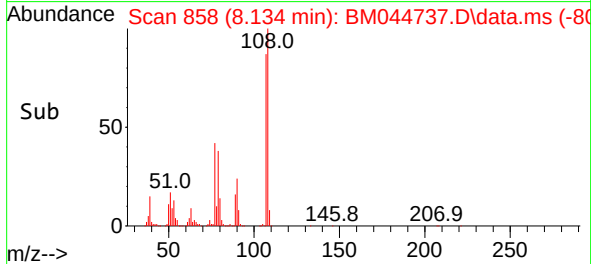
79 44.0 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#18

Hexachloroethane

Concen: 46.444 ng

RT: 8.746 min Scan# 962

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

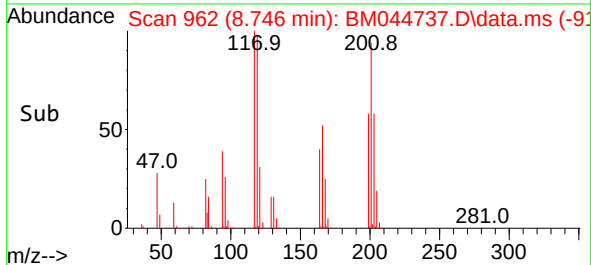
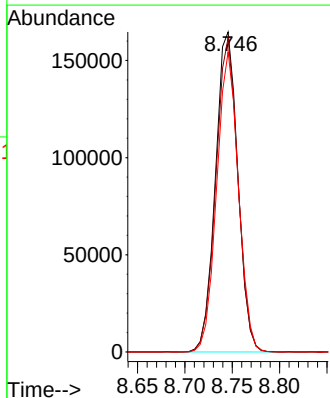
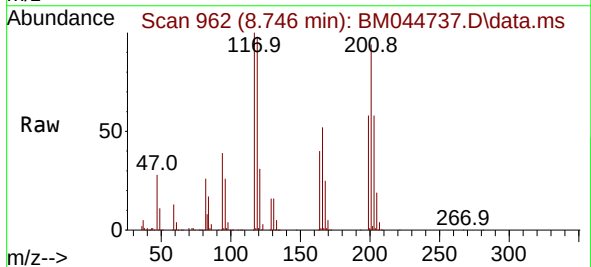
Tgt Ion:117 Resp: 270718

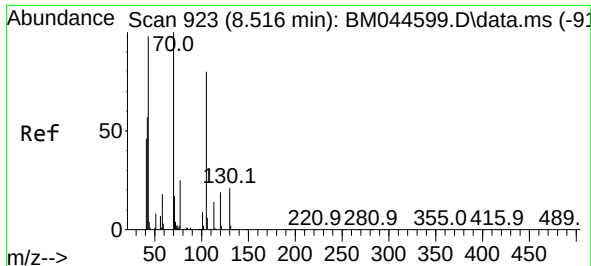
Ion Ratio Lower Upper

117 100

119 98.1 76.8 115.2

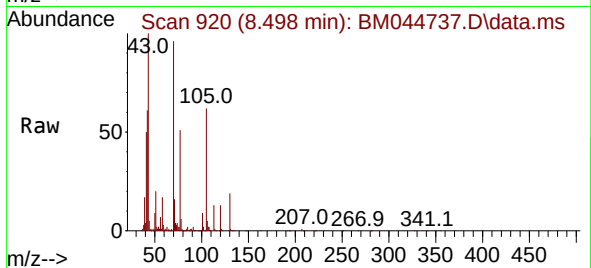
201 93.8 72.3 108.5





#19
n-Nitroso-di-n-propylamine
Concen: 36.224 ng
RT: 8.498 min Scan# 914
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

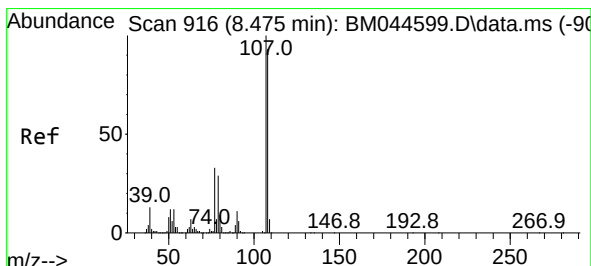
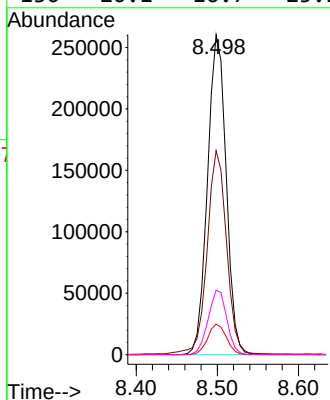
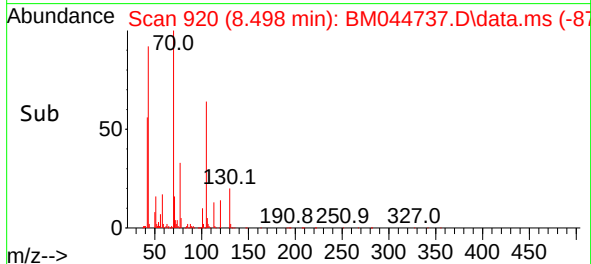
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



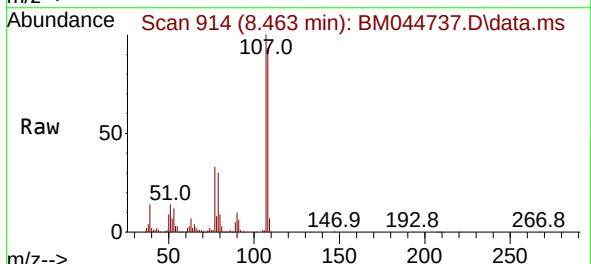
Tgt Ion: 70 Resp: 415718
Ion Ratio Lower Upper
70 100
42 63.8 46.6 69.8
101 9.6 7.6 11.4
130 20.1 16.7 25.1

Manual Integrations
APPROVED

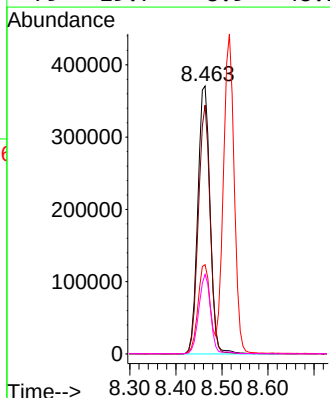
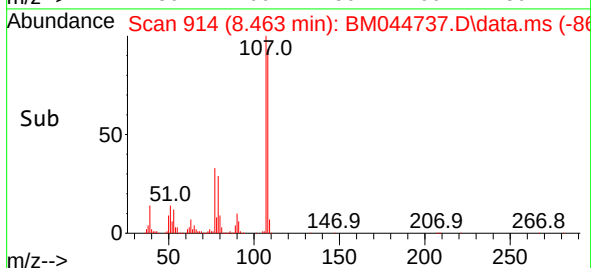
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

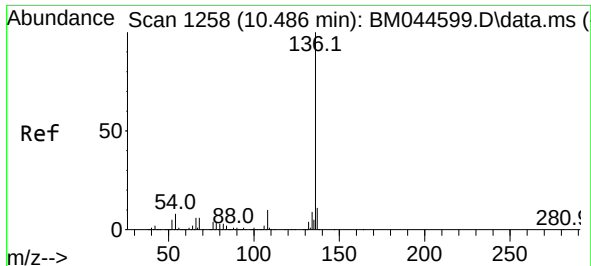


#20
3+4-Methylphenols
Concen: 39.990 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



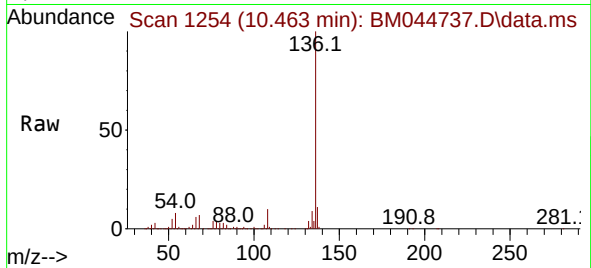
Tgt Ion:107 Resp: 690747
Ion Ratio Lower Upper
107 100
108 92.8 72.7 112.7
77 33.3 13.3 53.3
79 29.7 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

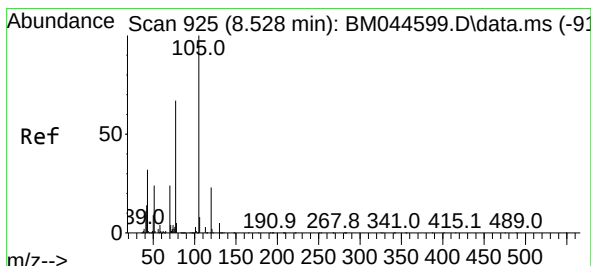
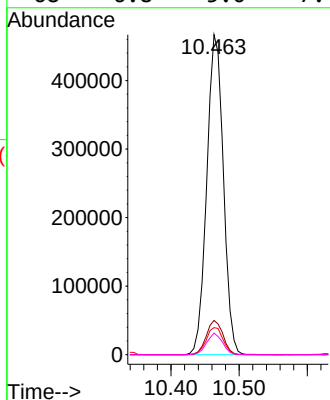
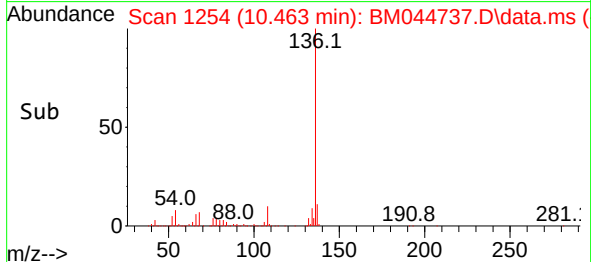
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:136 Resp: 791462
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.5 6.6 10.0
68 6.8 5.0 7.4

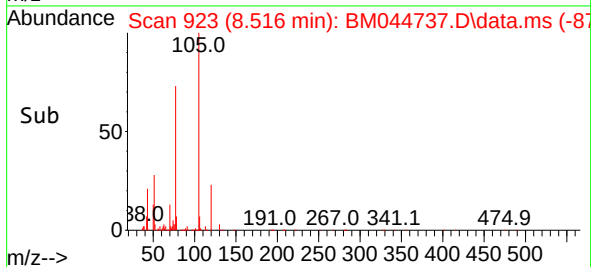
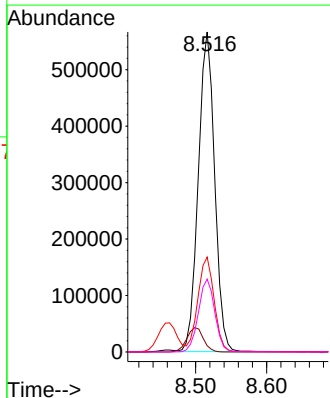
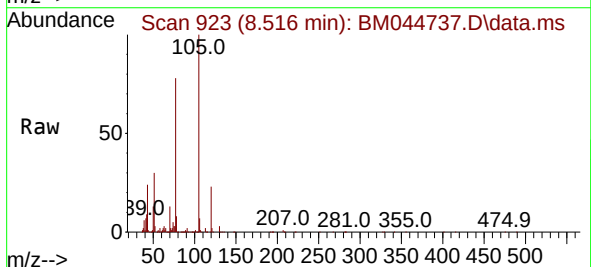
Manual Integrations
APPROVED

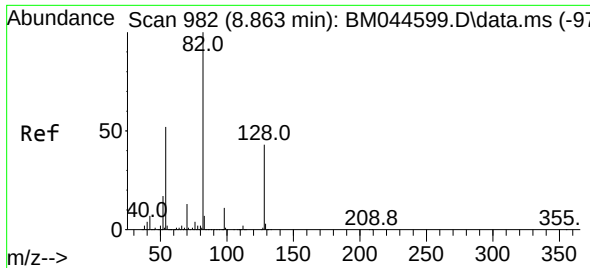
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#22
Acetophenone
Concen: 43.698 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

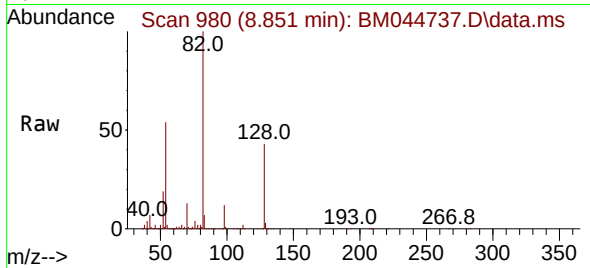
Tgt Ion:105 Resp: 908626
Ion Ratio Lower Upper
105 100
71 2.0 3.4 5.2#
51 29.7 22.2 33.4
120 22.8 18.6 27.8





#23
Nitrobenzene-d5
Concen: 83.399 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

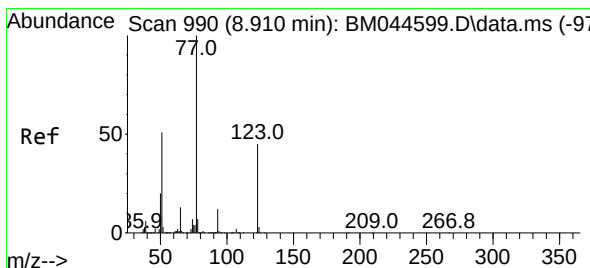
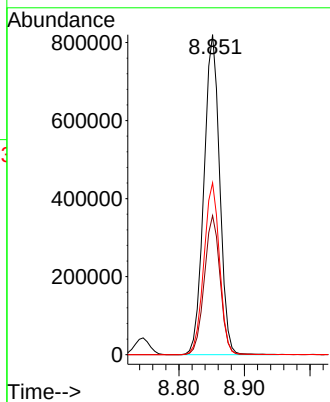
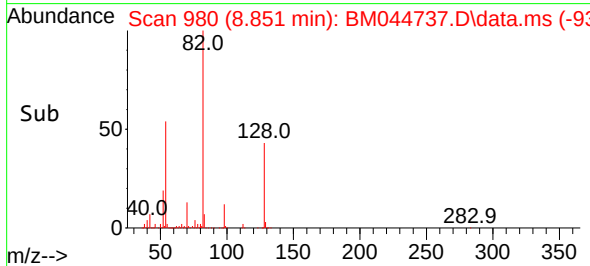
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion: 82 Resp: 137014
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 53.7 41.3 61.9

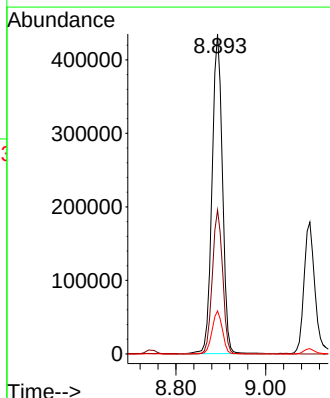
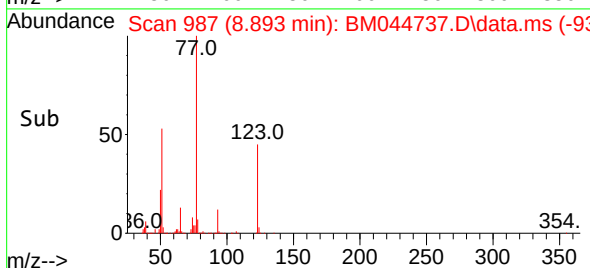
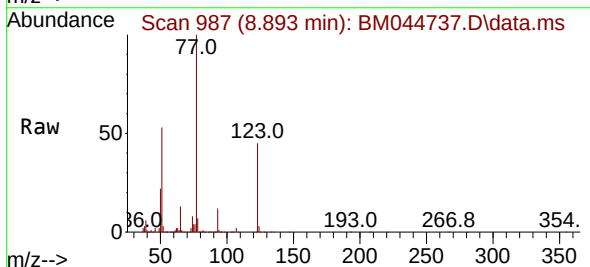
Manual Integrations
APPROVED

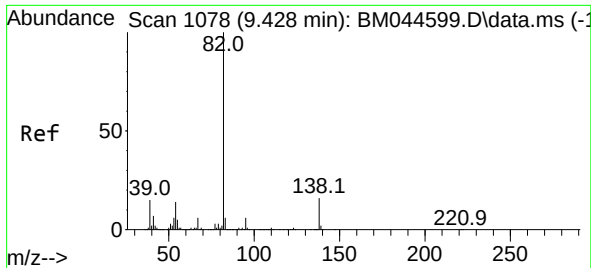
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#24
Nitrobenzene
Concen: 43.009 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

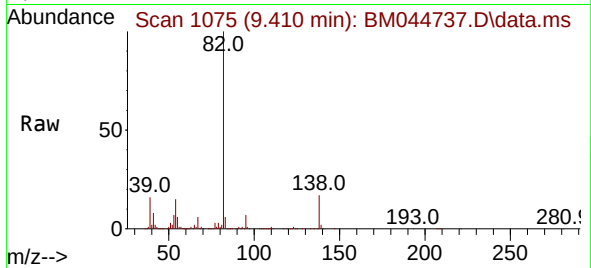
Tgt Ion: 77 Resp: 698464
Ion Ratio Lower Upper
77 100
123 45.0 35.9 53.9
65 13.5 10.7 16.1





#25
Isophorone
Concen: 43.623 ng
RT: 9.410 min Scan# 1075
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

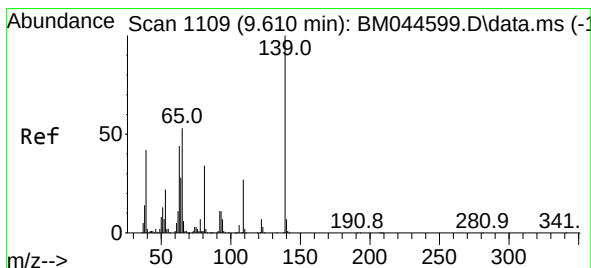
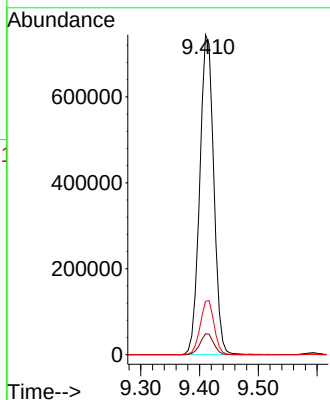
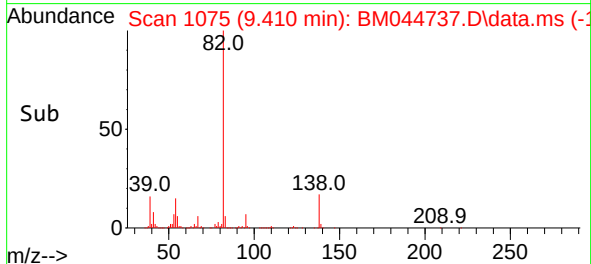
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion: 82 Resp: 1236520
Ion Ratio Lower Upper
82 100
95 6.5 4.9 7.3
138 16.7 12.9 19.3

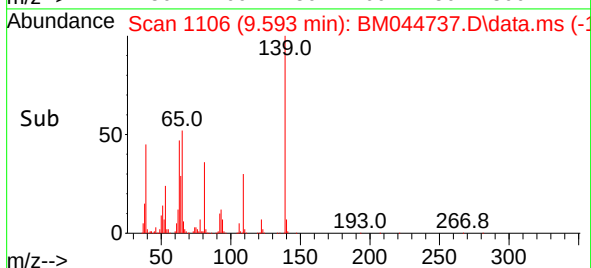
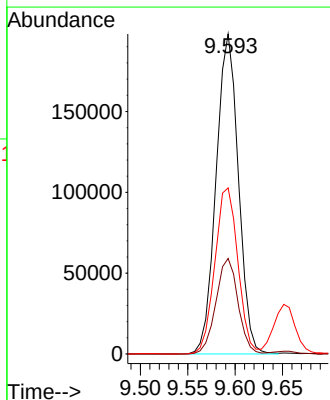
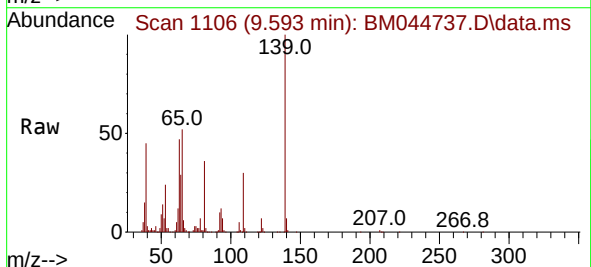
Manual Integrations
APPROVED

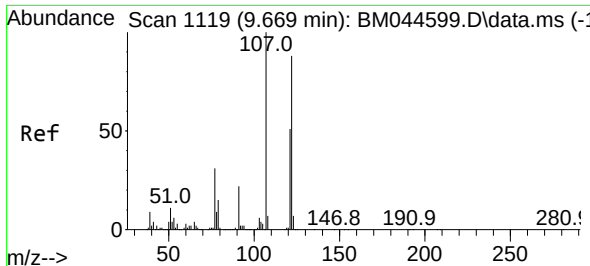
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#26
2-Nitrophenol
Concen: 46.324 ng
RT: 9.593 min Scan# 1106
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:139 Resp: 324625
Ion Ratio Lower Upper
139 100
109 29.8 21.2 31.8
65 51.9 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 36.429 ng

RT: 9.651 min Scan# 1116

Delta R.T. -0.017 min

Lab File: BM044737.D

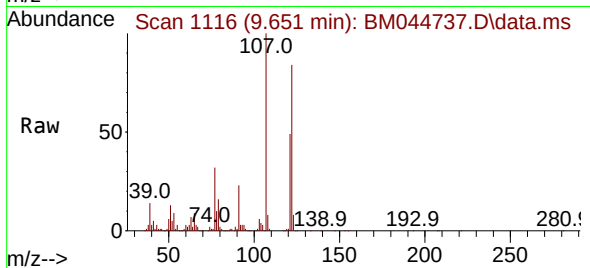
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD



Tgt Ion:122 Resp: 448930

Ion Ratio Lower Upper

122 100

107 118.5 90.5 135.7

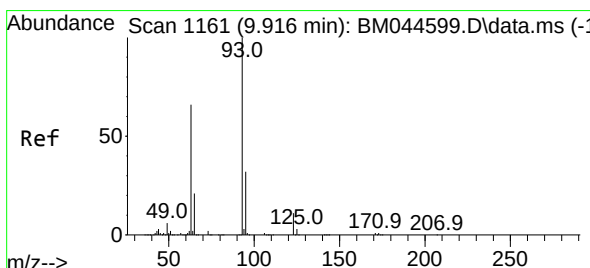
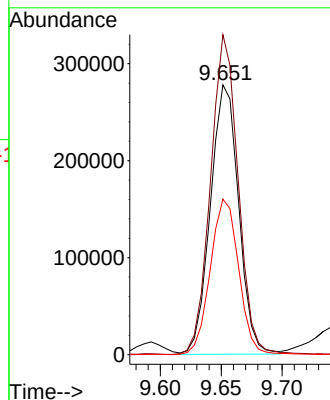
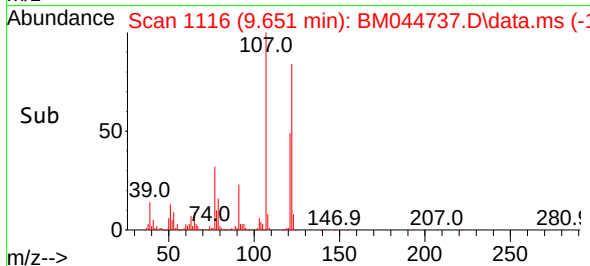
121 57.6 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.619 ng

RT: 9.898 min Scan# 1158

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

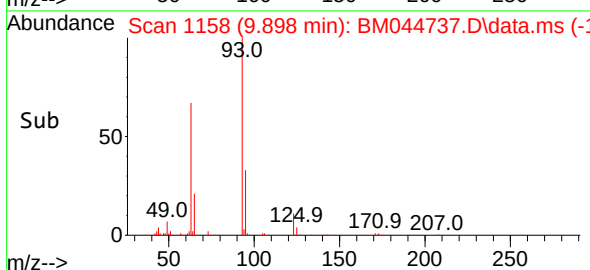
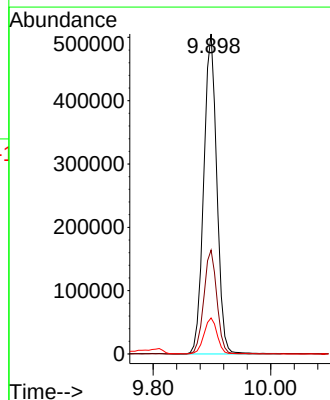
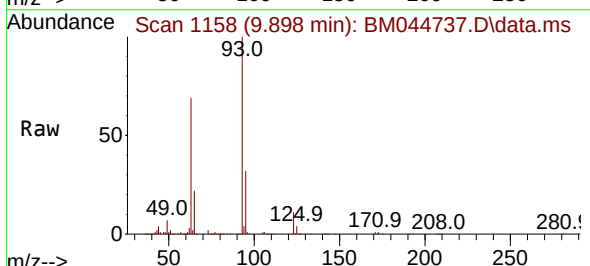
Tgt Ion: 93 Resp: 783412

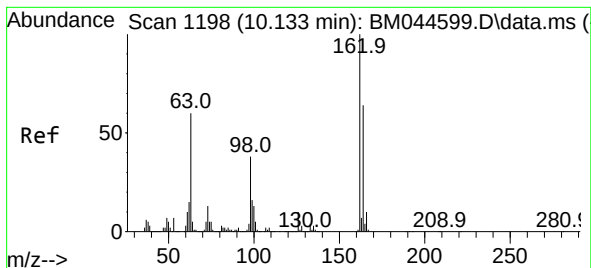
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

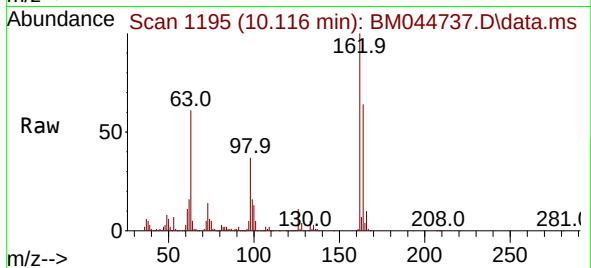
123 11.3 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 45.424 ng
RT: 10.116 min Scan# 1195
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

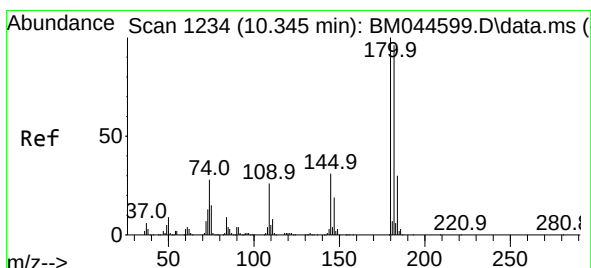
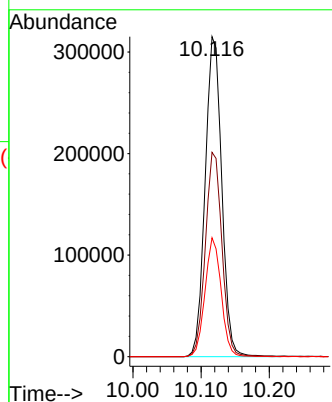
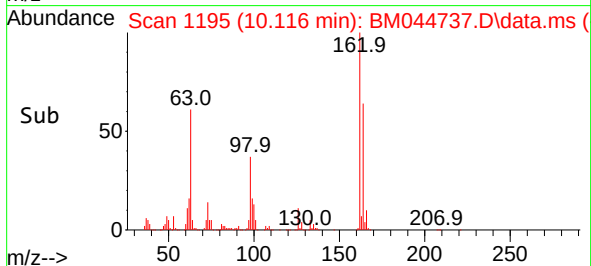
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



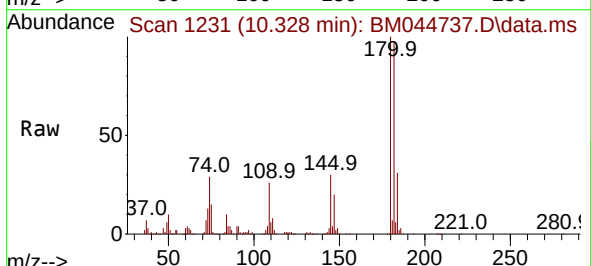
Tgt Ion:162 Resp: 53352
Ion Ratio Lower Upper
162 100
164 63.8 44.1 84.1
98 37.2 18.0 58.0

Manual Integrations
APPROVED

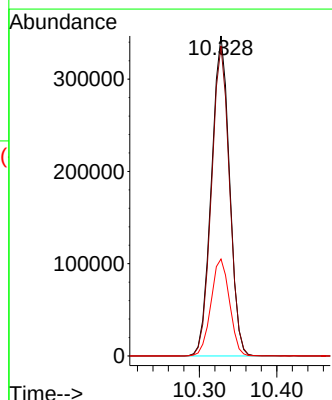
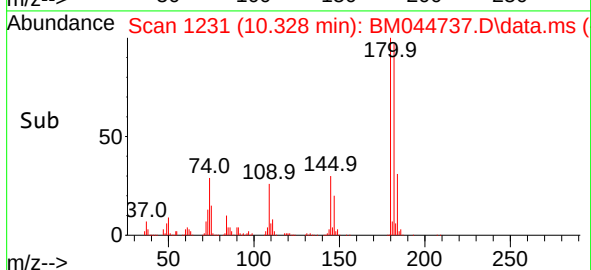
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

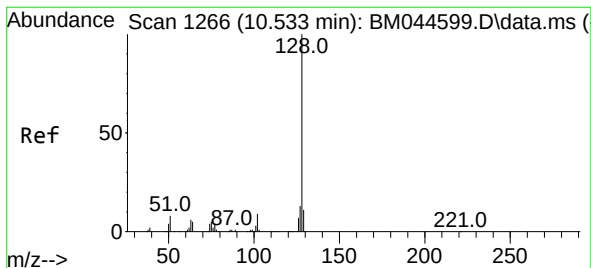


#30
1,2,4-Trichlorobenzene
Concen: 45.005 ng
RT: 10.328 min Scan# 1231
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



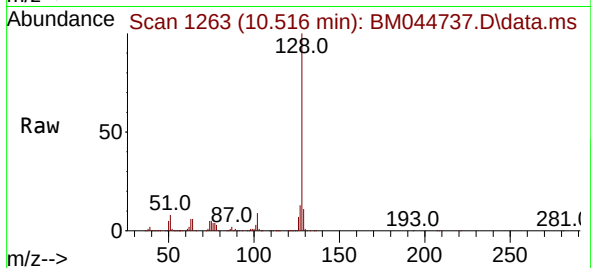
Tgt Ion:180 Resp: 562345
Ion Ratio Lower Upper
180 100
182 96.9 76.6 115.0
145 30.3 24.6 36.8





#31
Naphthalene
Concen: 42.179 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

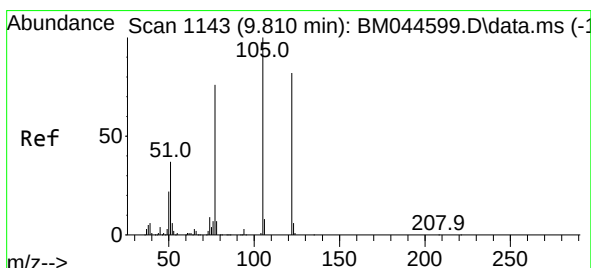
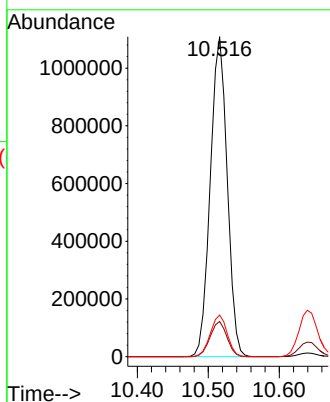
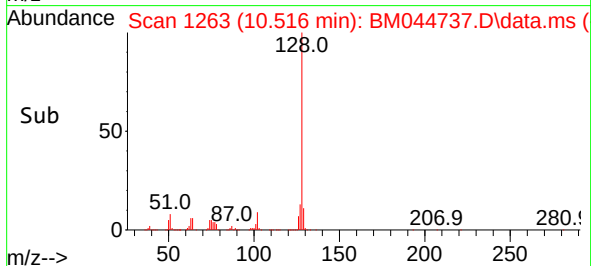
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:128 Resp: 1832094
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.2 15.4

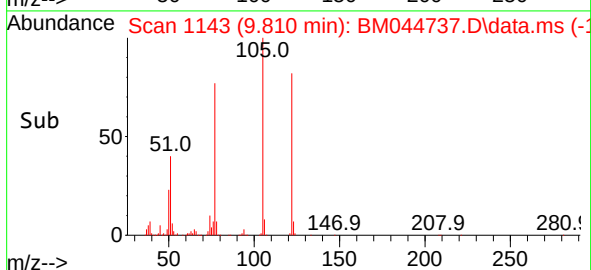
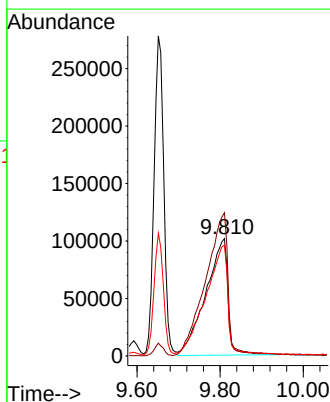
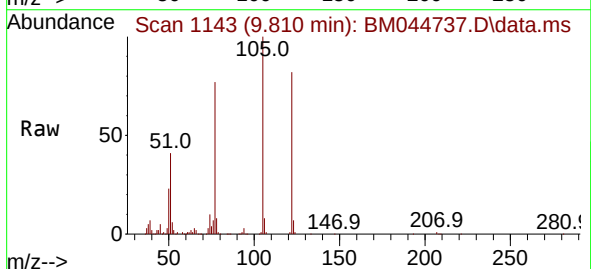
Manual Integrations
APPROVED

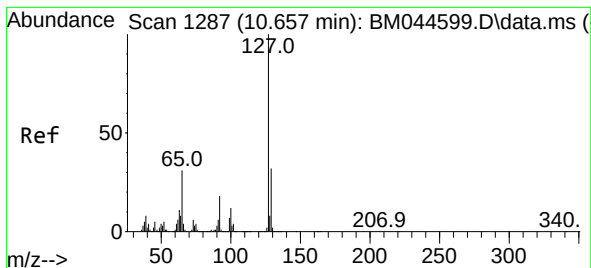
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#32
Benzoic acid
Concen: 38.974 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:122 Resp: 376075
Ion Ratio Lower Upper
122 100
105 122.0 100.0 140.0
77 94.5 72.5 112.5





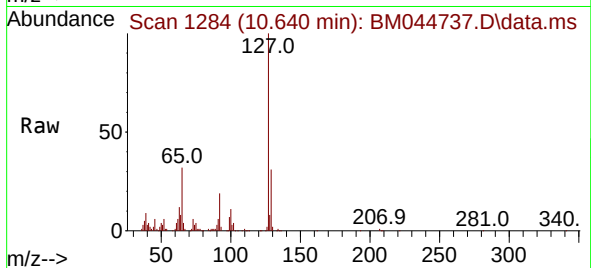
#33
4-Chloroaniline
Concen: 17.241 ng
RT: 10.640 min Scan# 1287
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD



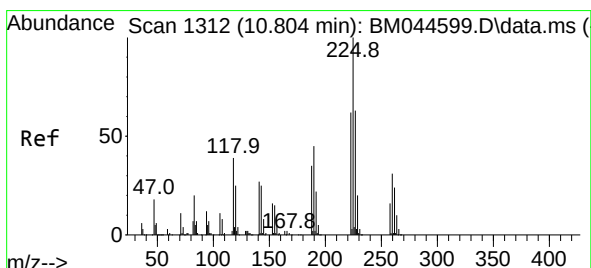
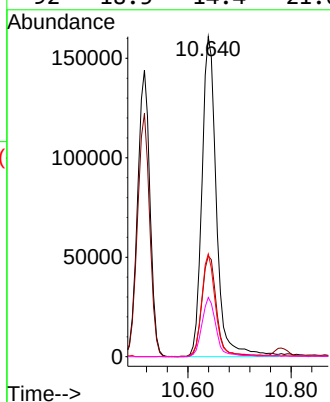
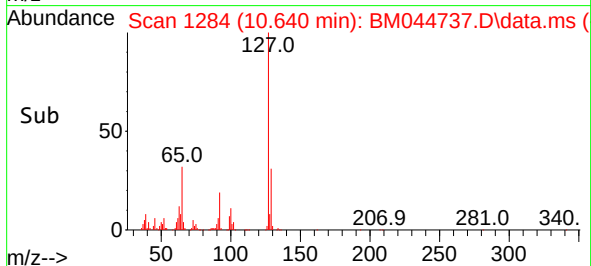
Tgt Ion:127 Resp: 314179
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4
65 32.1 25.1 37.7
92 18.5 14.4 21.6

Manual Integrations

APPROVED

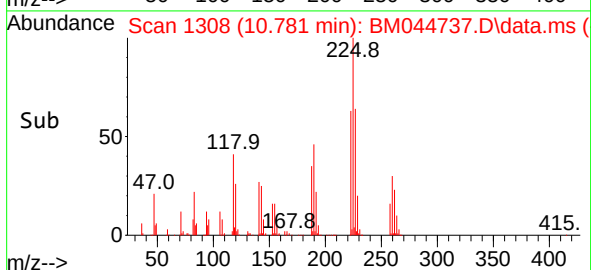
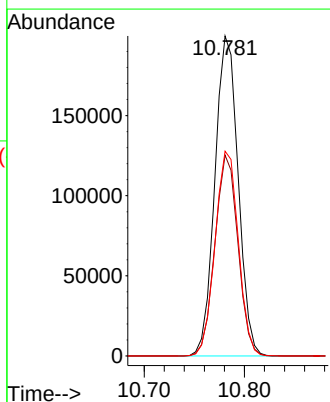
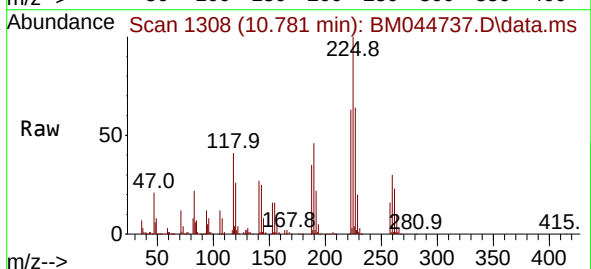
Reviewed By :Yogesh Patel 03/26/2024

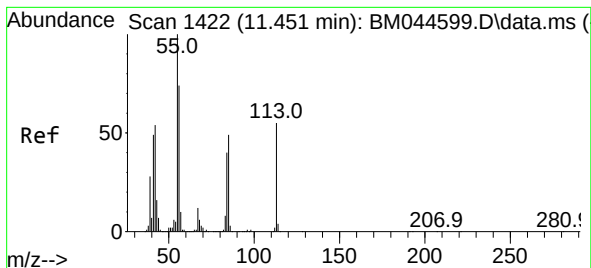
Supervised By :mohammad ahmed 03/26/2024



#34
Hexachlorobutadiene
Concen: 46.143 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

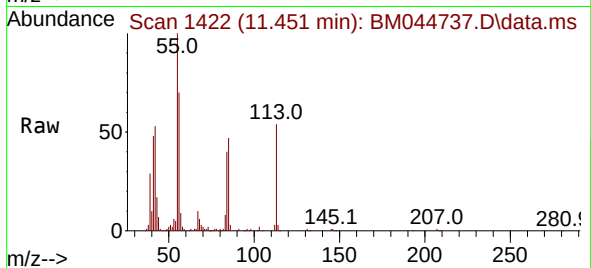
Tgt Ion:225 Resp: 321468
Ion Ratio Lower Upper
225 100
223 62.7 49.9 74.9
227 64.0 50.6 75.8





#35
Caprolactam
Concen: 41.787 ng m
RT: 11.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

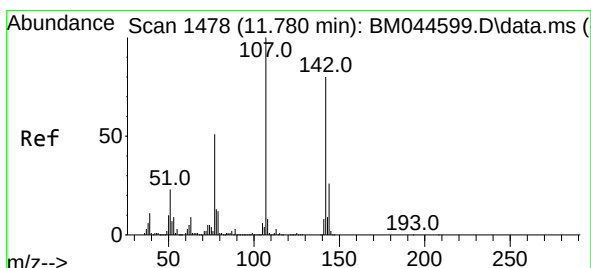
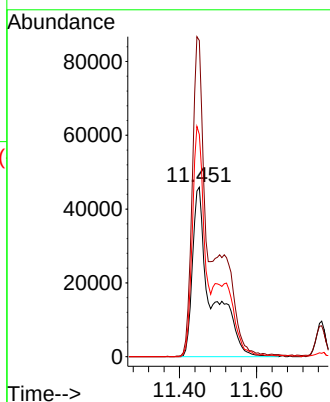
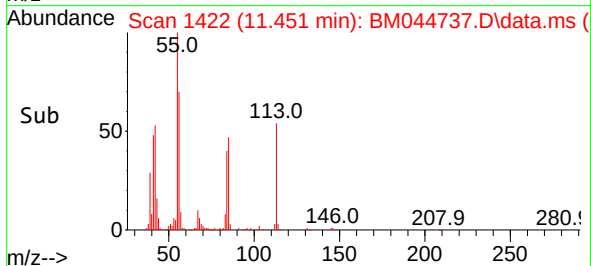
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



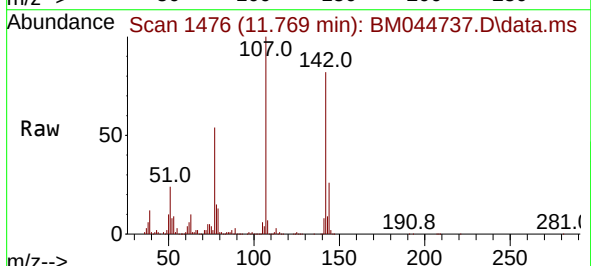
Tgt Ion:113 Resp: 158319
Ion Ratio Lower Upper
113 100
55 186.5 161.1 201.1
56 131.1 113.2 153.2

Manual Integrations
APPROVED

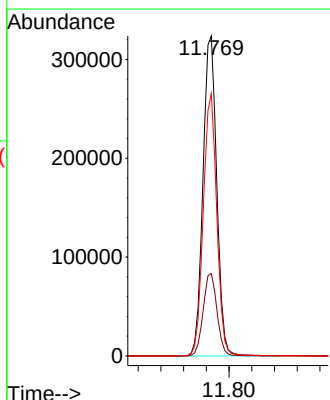
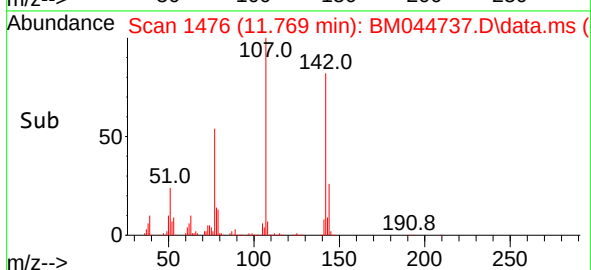
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

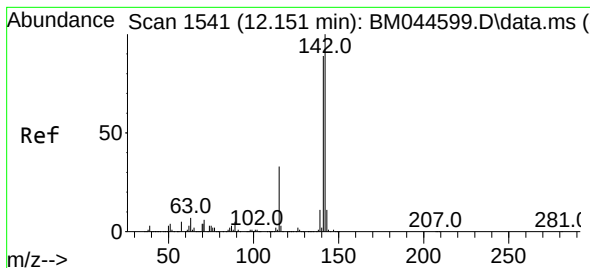


#36
4-Chloro-3-methylphenol
Concen: 42.135 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



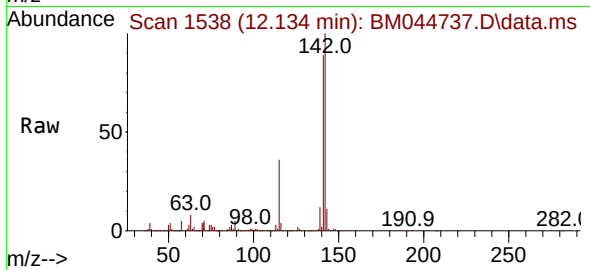
Tgt Ion:107 Resp: 543049
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 81.9 63.8 95.8





#37
2-Methylnaphthalene
Concen: 39.846 ng
RT: 12.134 min Scan# 1538
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

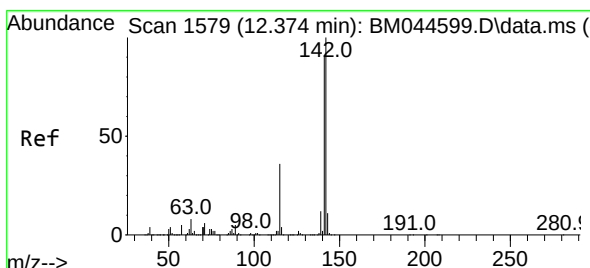
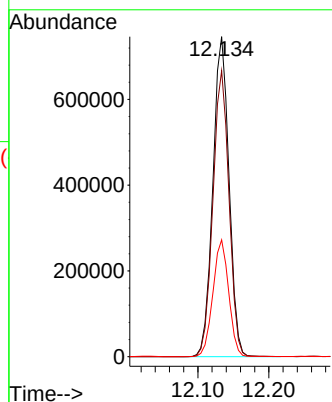
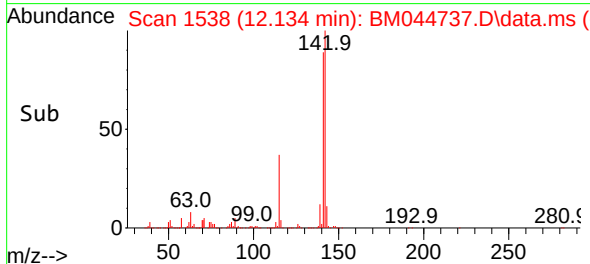
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



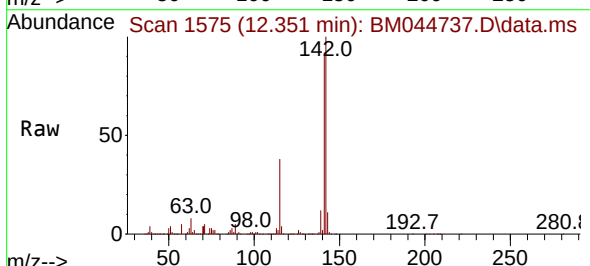
Tgt Ion:142 Resp: 1174728
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 36.5 26.6 40.0

Manual Integrations
APPROVED

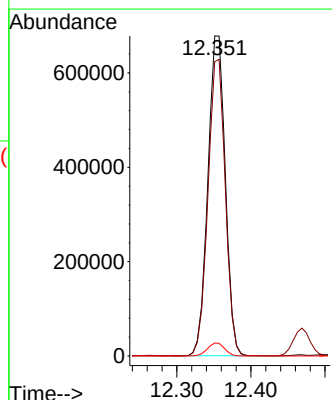
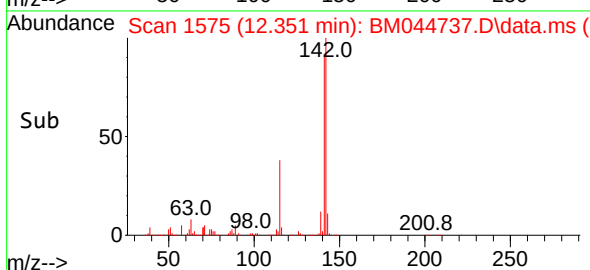
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

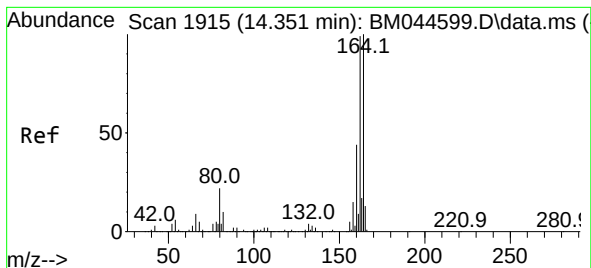


#38
1-Methylnaphthalene
Concen: 40.353 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



Tgt Ion:142 Resp: 1108759
Ion Ratio Lower Upper
142 100
141 92.0 72.9 109.3
116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.328 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BM044737.D

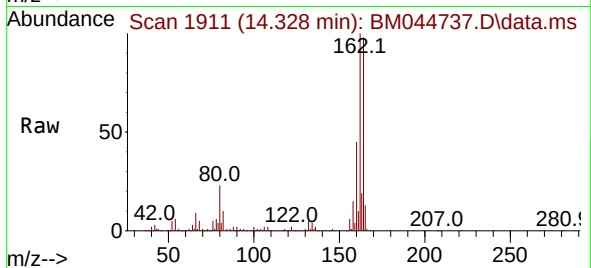
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD



Tgt Ion:164 Resp: 400490

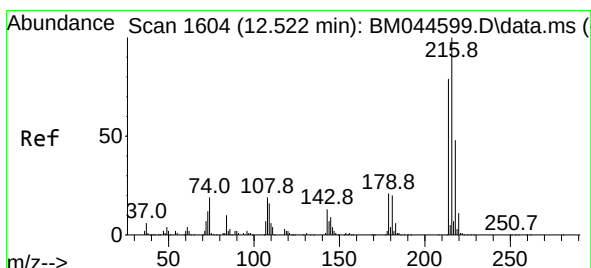
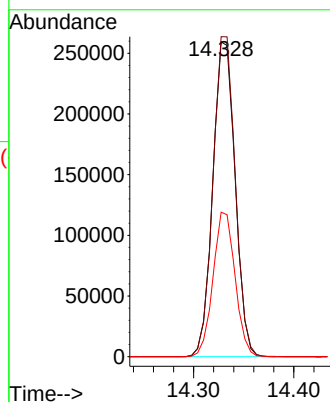
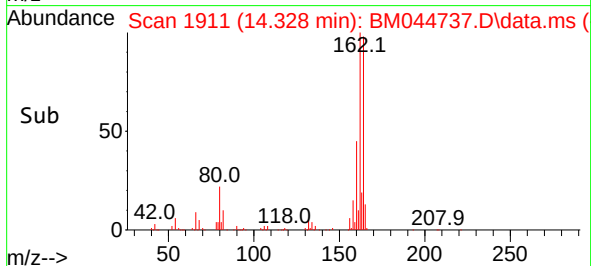
Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.3	118.9
160	45.9	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.468 ng

RT: 12.504 min Scan# 1601

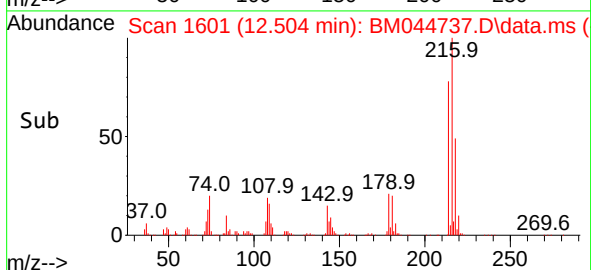
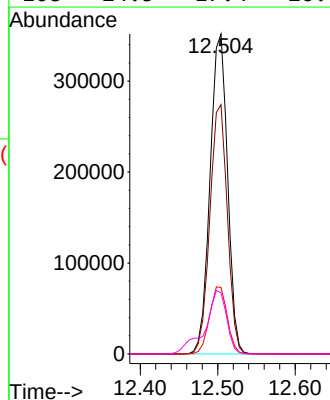
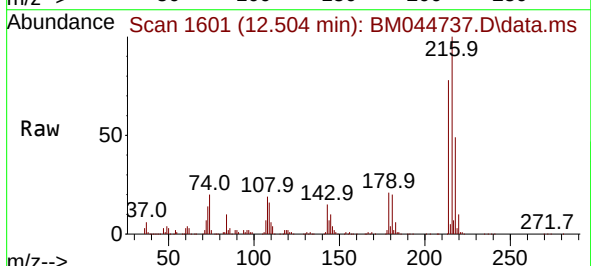
Delta R.T. -0.017 min

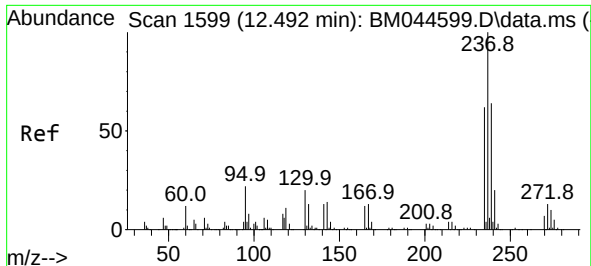
Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Tgt Ion:216 Resp: 550848

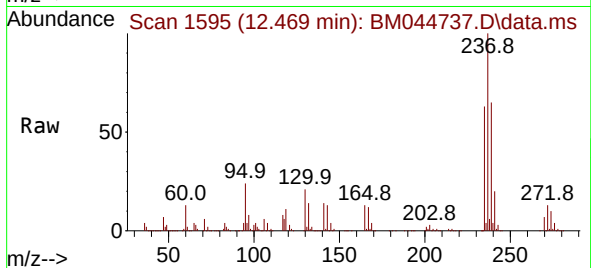
Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.9	94.3
179	21.3	16.9	25.3
108	24.5	17.4	26.0





#41
Hexachlorocyclopentadiene
Concen: 103.212 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

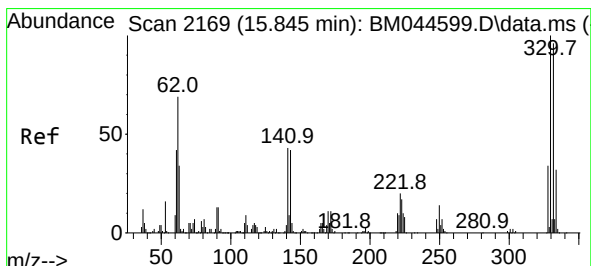
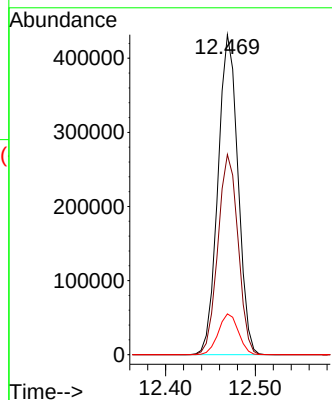
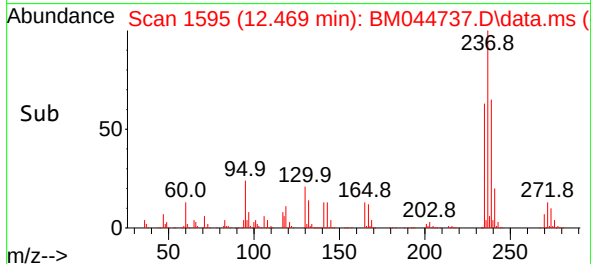
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



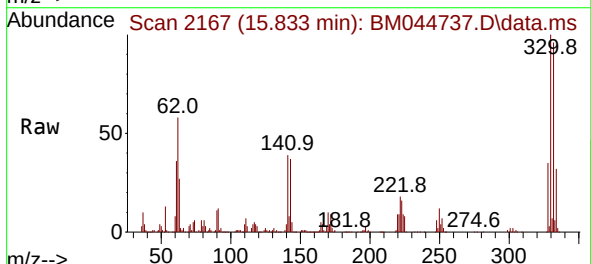
Tgt Ion:237 Resp: 668250
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 12.7 0.0 33.1

Manual Integrations
APPROVED

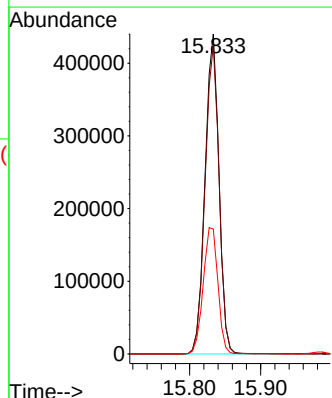
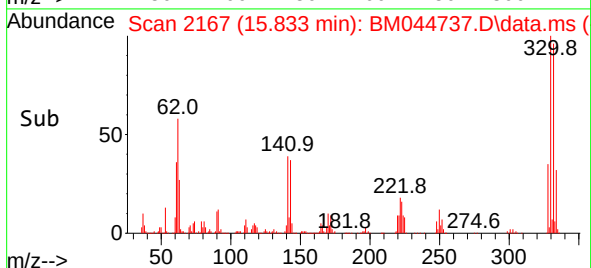
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

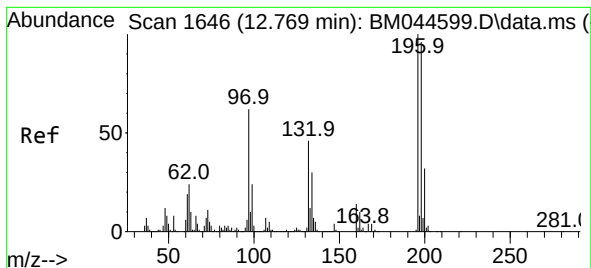


#42
2,4,6-Tribromophenol
Concen: 136.449 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



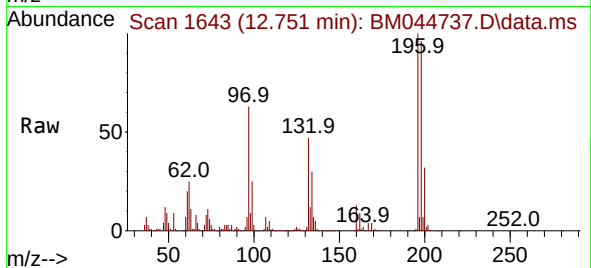
Tgt Ion:330 Resp: 602739
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 41.7 33.4 50.0





#43
2,4,6-Trichlorophenol
Concen: 48.536 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

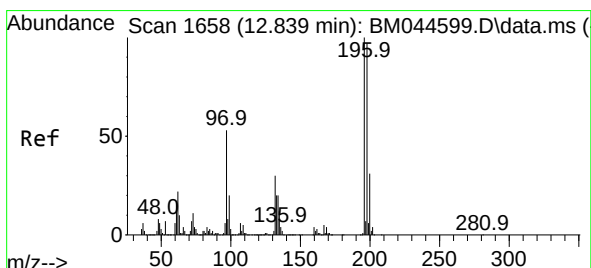
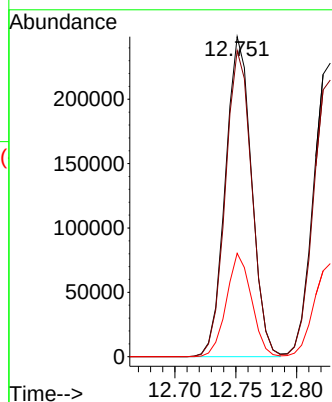
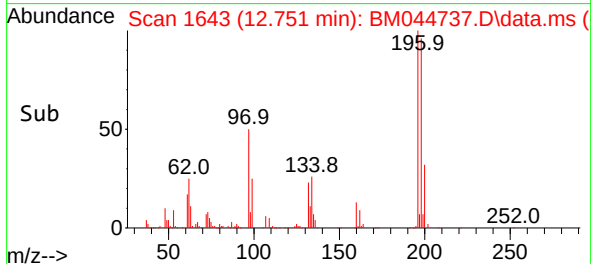
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:196 Resp: 37247
Ion Ratio Lower Upper
196 100
198 95.7 76.9 115.3
200 32.3 25.4 38.0

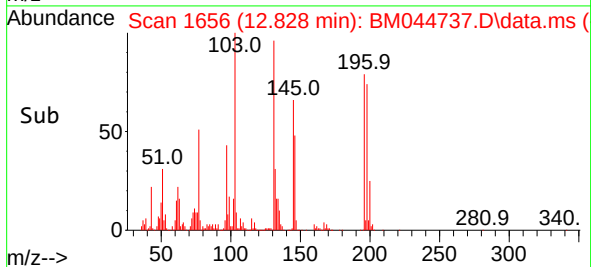
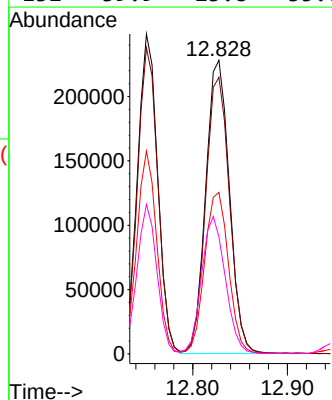
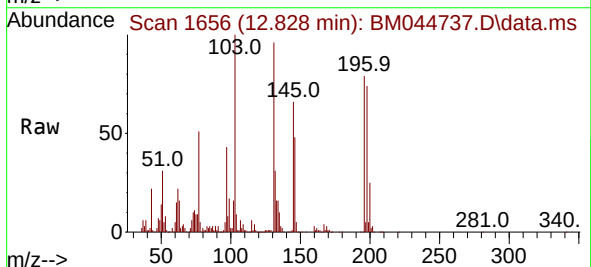
Manual Integrations
APPROVED

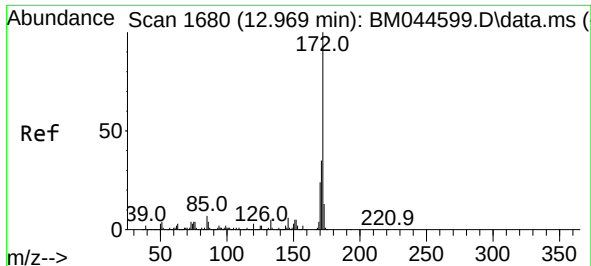
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#44
2,4,5-Trichlorophenol
Concen: 43.501 ng
RT: 12.828 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:196 Resp: 395568
Ion Ratio Lower Upper
196 100
198 94.2 77.7 116.5
97 55.1 42.8 64.2
132 39.9 23.8 35.6#





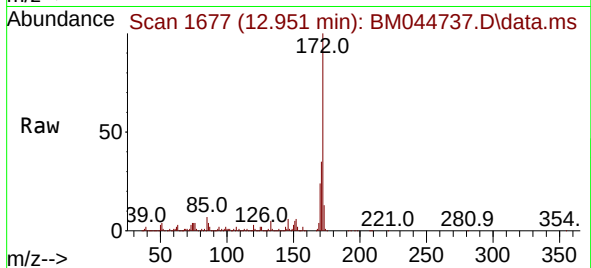
#45
2-Fluorobiphenyl
Concen: 86.808 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD



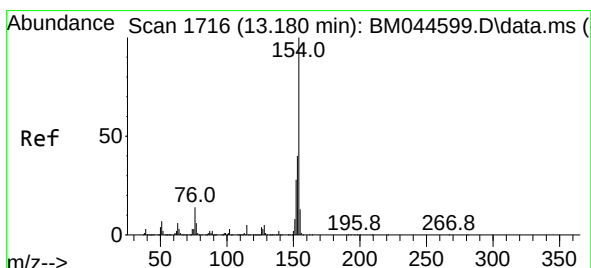
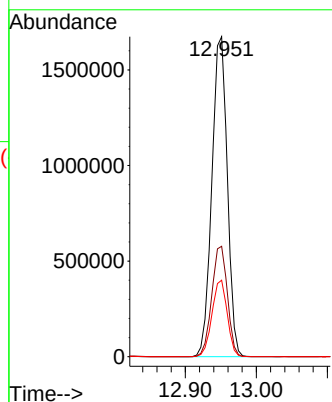
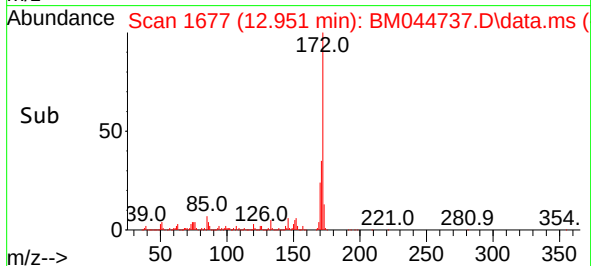
Tgt Ion:172 Resp: 2524370
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.9 19.0 28.6

Manual Integrations

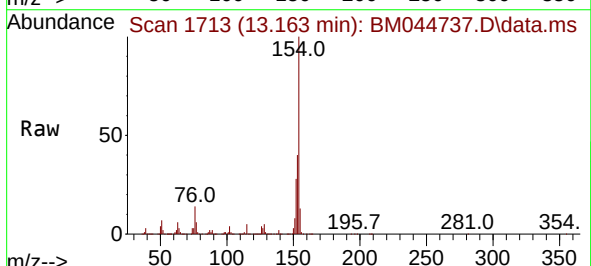
APPROVED

Reviewed By :Yogesh Patel 03/26/2024

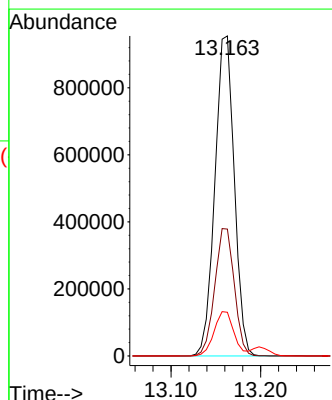
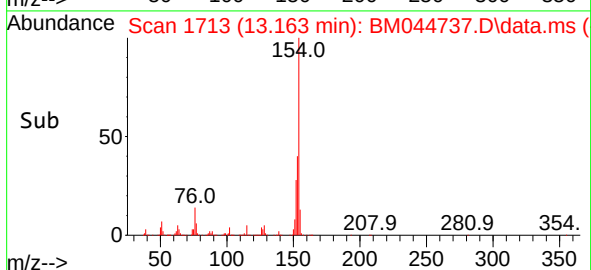
Supervised By :mohammad ahmed 03/26/2024

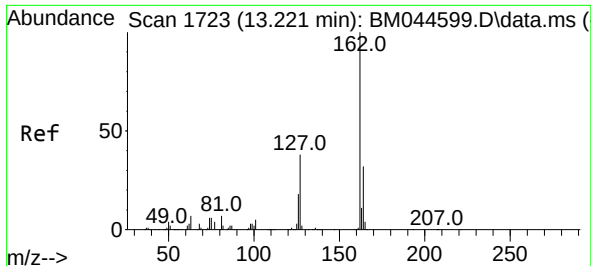


#46
1,1'-Biphenyl
Concen: 45.786 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



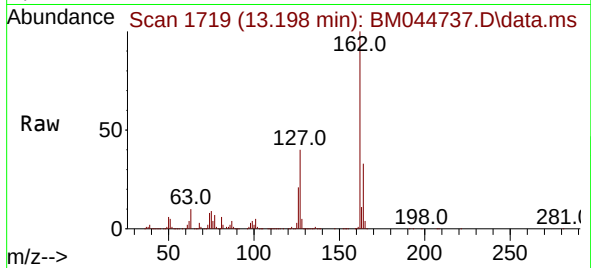
Tgt Ion:154 Resp: 1434164
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 13.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.469 ng
RT: 13.198 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

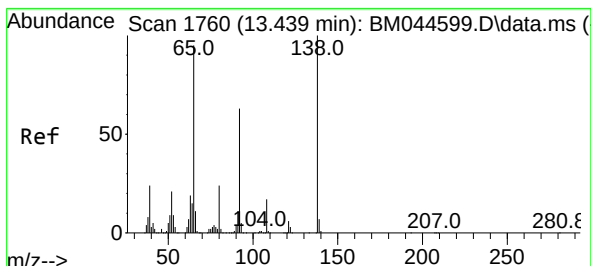
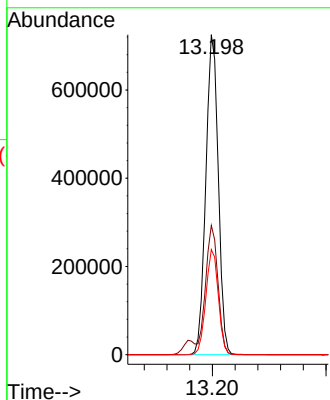
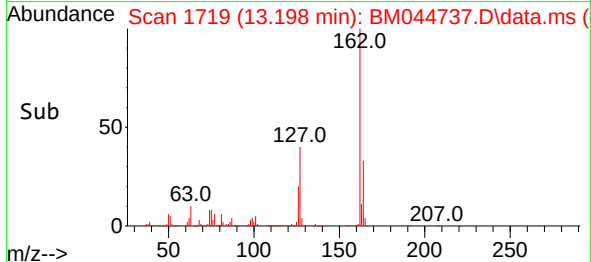
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



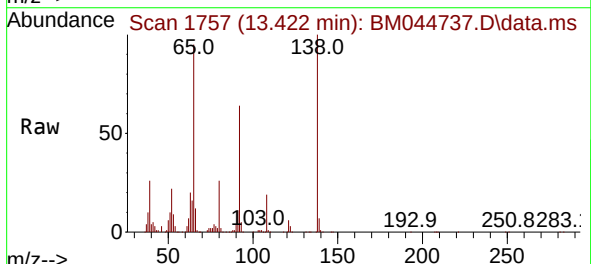
Tgt Ion:162 Resp: 1099508
Ion Ratio Lower Upper
162 100
127 40.4 31.4 47.0
164 32.9 25.8 38.8

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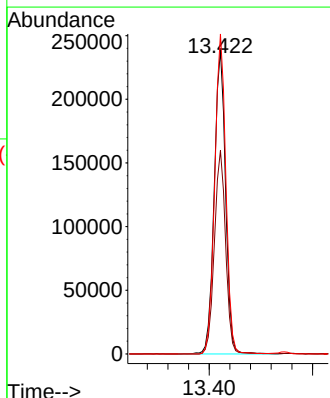
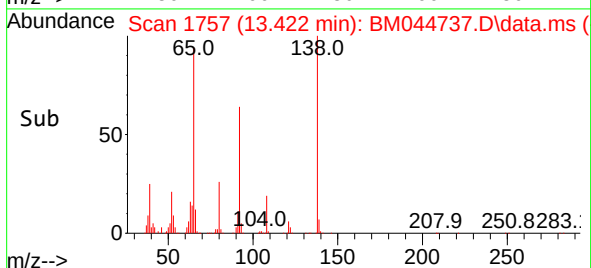
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

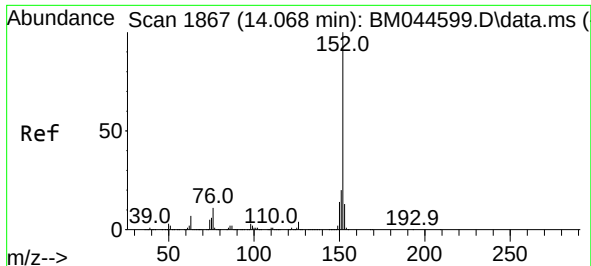


#48
2-Nitroaniline
Concen: 46.225 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



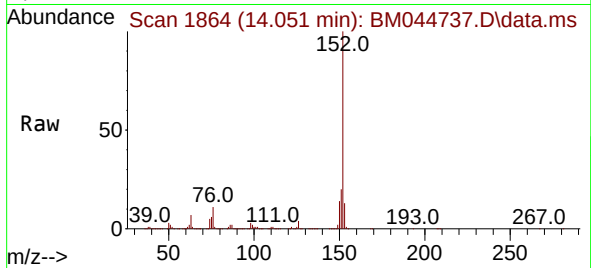
Tgt Ion: 65 Resp: 363293
Ion Ratio Lower Upper
65 100
92 67.0 53.3 79.9
138 105.3 84.3 126.5





#49
Acenaphthylene
Concen: 47.322 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

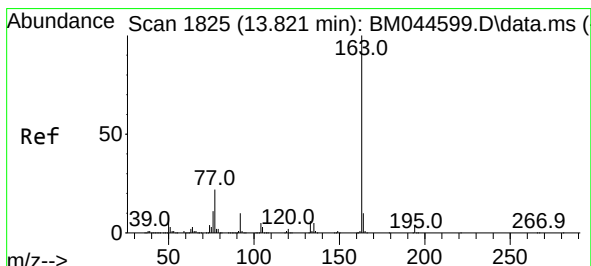
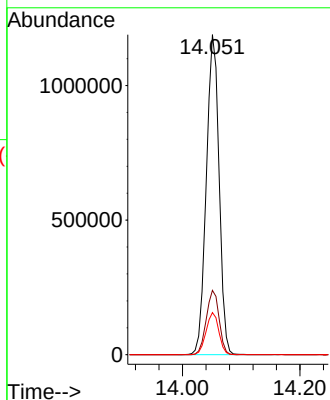
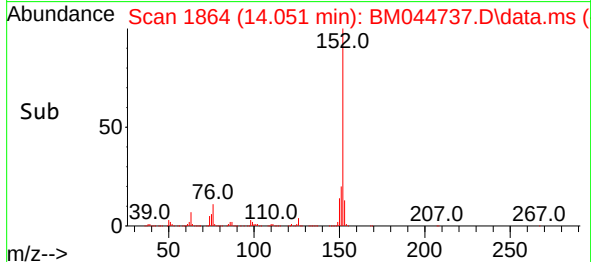
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:152 Resp: 1785570
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.6 15.8

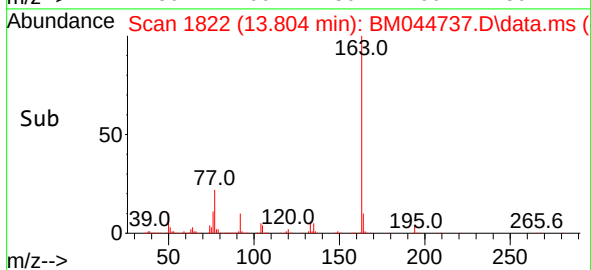
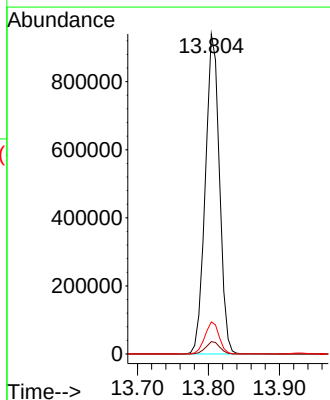
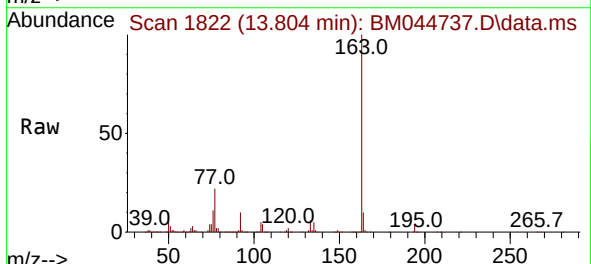
Manual Integrations
APPROVED

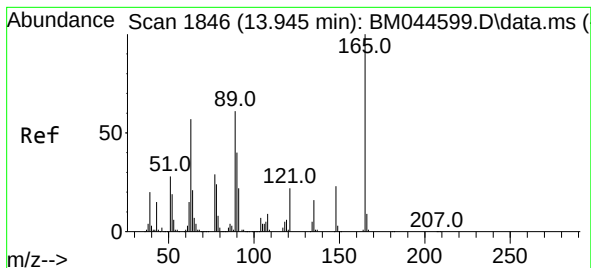
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#50
Dimethylphthalate
Concen: 43.424 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

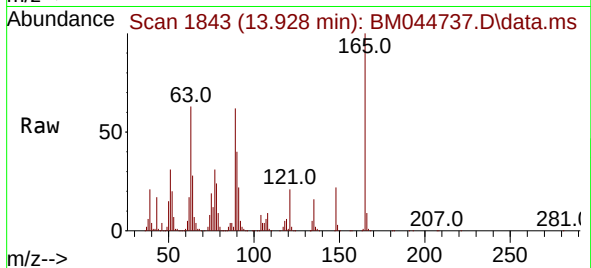
Tgt Ion:163 Resp: 1300818
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.436 ng
RT: 13.928 min Scan# 1843
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

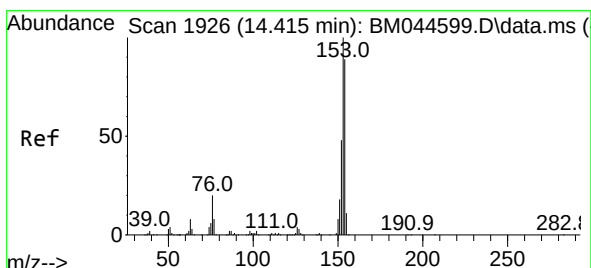
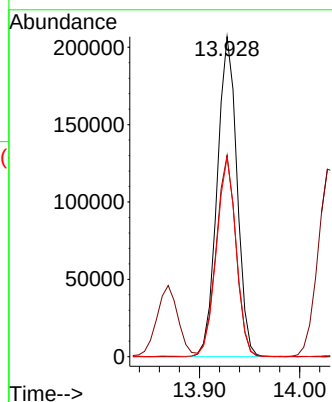
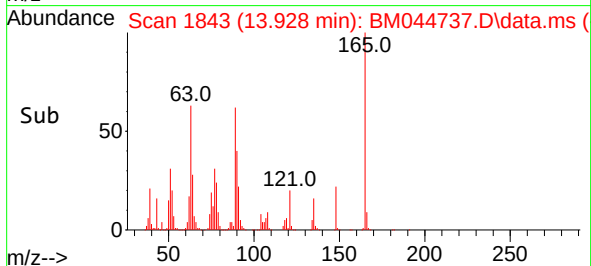
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:165 Resp: 283430
Ion Ratio Lower Upper
165 100
63 62.9 50.4 75.6
89 62.3 49.3 73.9

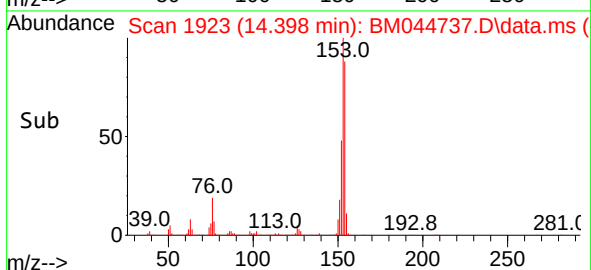
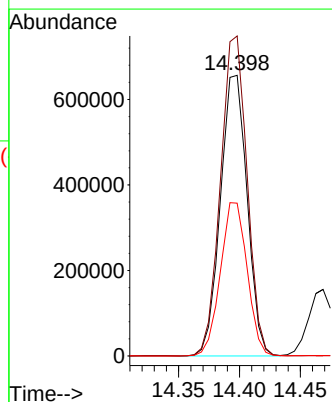
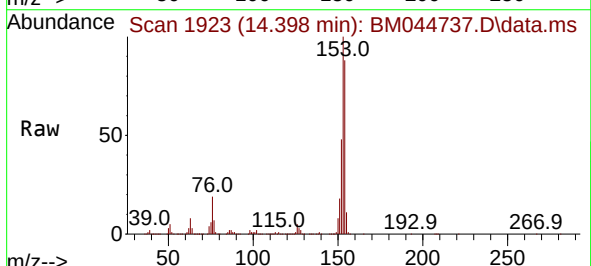
Manual Integrations
APPROVED

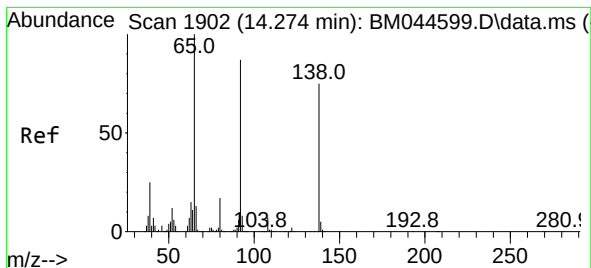
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#52
Acenaphthene
Concen: 43.982 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

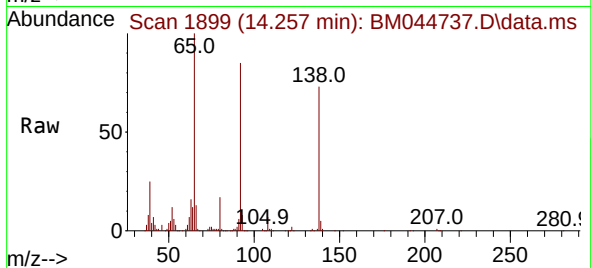
Tgt Ion:154 Resp: 1003218
Ion Ratio Lower Upper
154 100
153 114.0 90.3 135.5
152 54.4 43.1 64.7





#53
3-Nitroaniline
Concen: 31.789 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

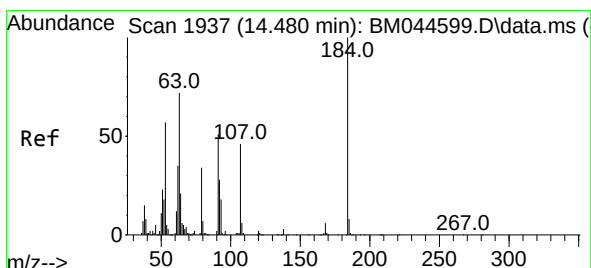
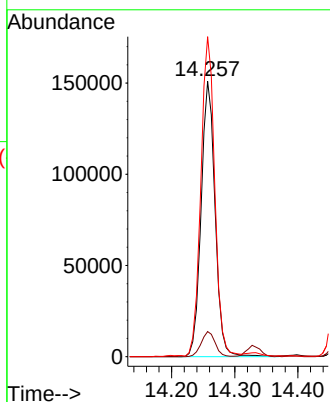
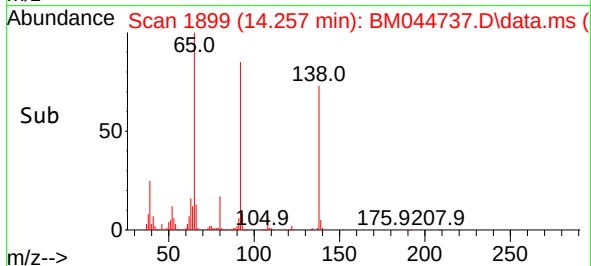
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



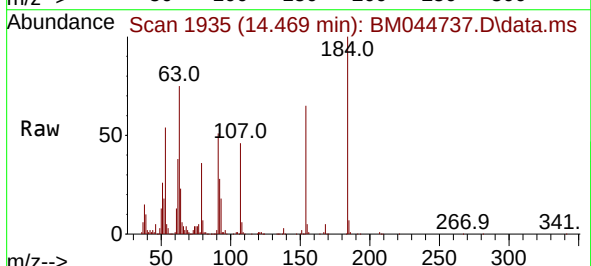
Tgt Ion:138 Resp: 232210
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 116.2 92.8 139.2

Manual Integrations
APPROVED

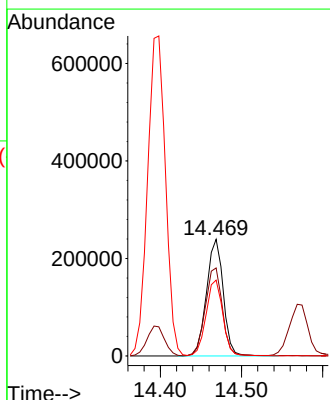
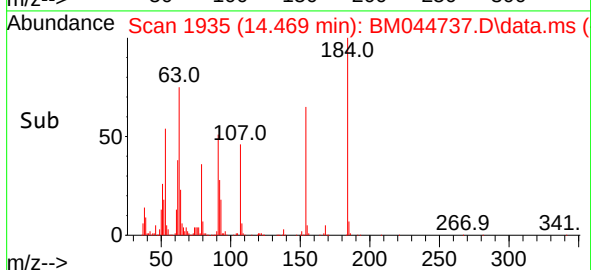
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

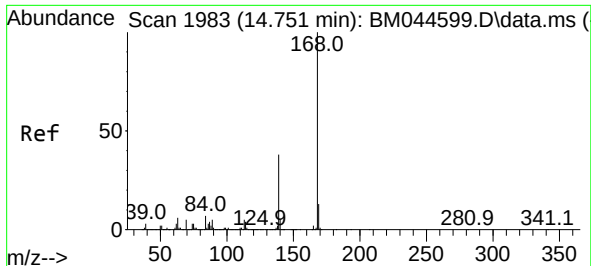


#54
2,4-Dinitrophenol
Concen: 83.783 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



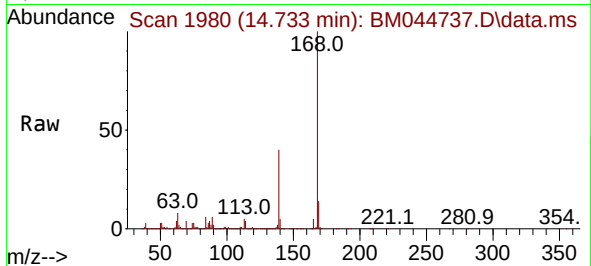
Tgt Ion:184 Resp: 342869
Ion Ratio Lower Upper
184 100
63 75.4 62.2 93.2
154 65.1 47.9 71.9





#55
Dibenzenofuran
Concen: 43.318 ng
RT: 14.733 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

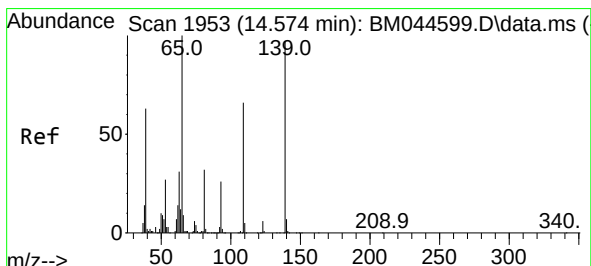
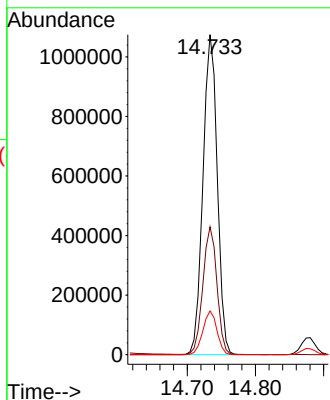
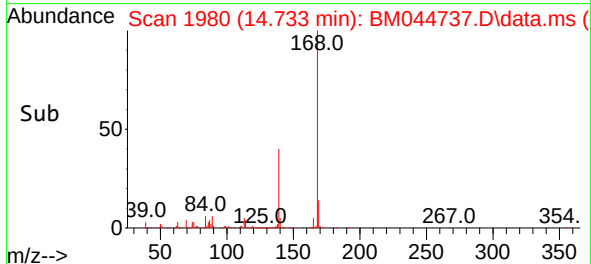
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:168 Resp: 1568170
Ion Ratio Lower Upper
168 100
139 40.0 30.6 46.0
169 13.6 10.6 16.0

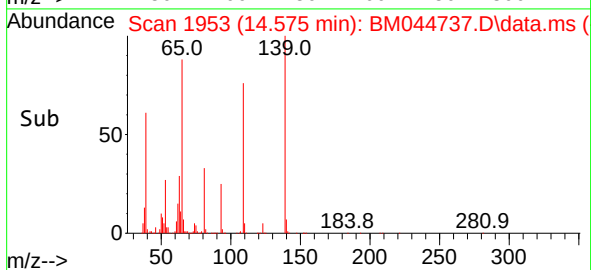
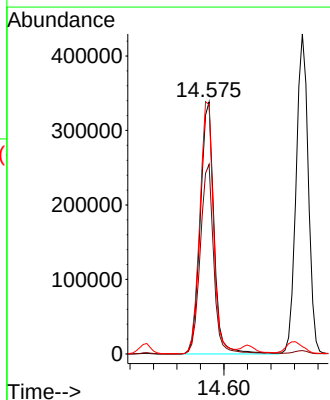
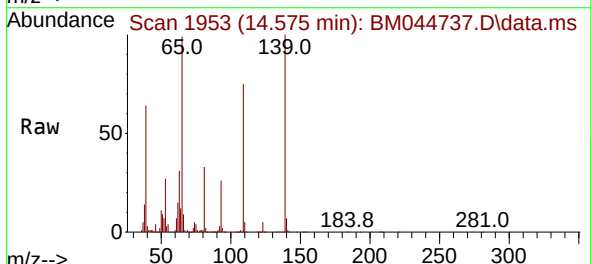
Manual Integrations
APPROVED

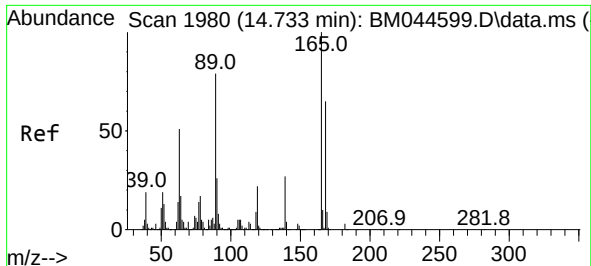
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#56
4-Nitrophenol
Concen: 91.682 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

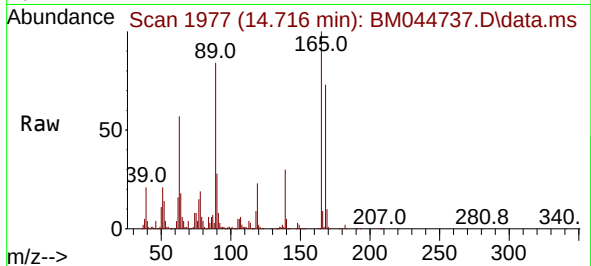
Tgt Ion:139 Resp: 550019
Ion Ratio Lower Upper
139 100
109 75.3 48.0 88.0
65 98.9 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 46.404 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

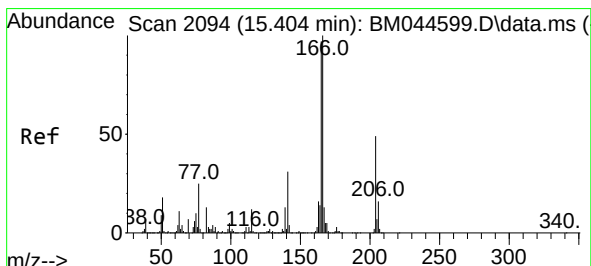
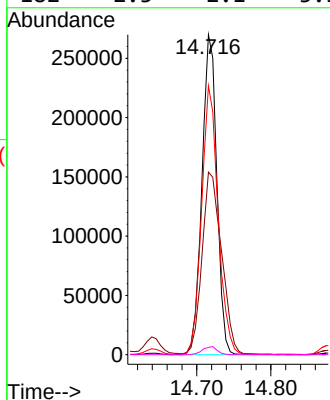
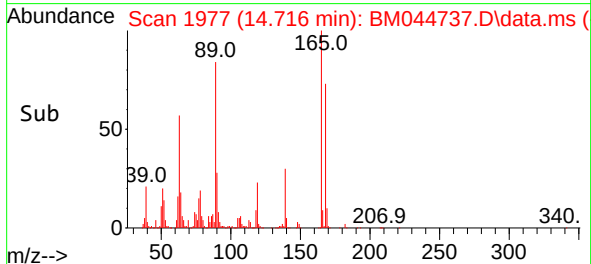
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:165 Resp: 378238
Ion Ratio Lower Upper
165 100
63 57.0 40.9 61.3
89 84.0 63.4 95.0
182 2.3 2.1 3.1

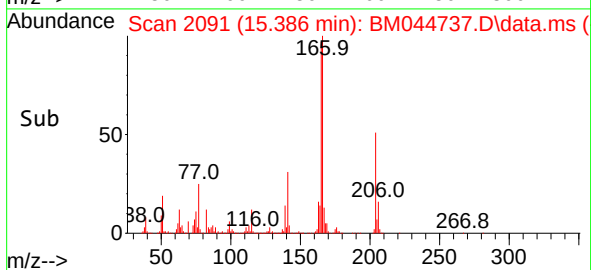
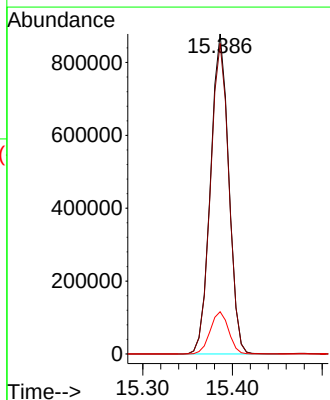
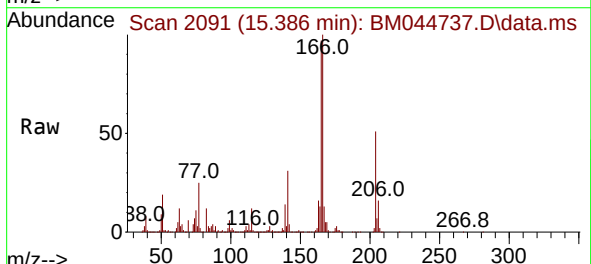
Manual Integrations
APPROVED

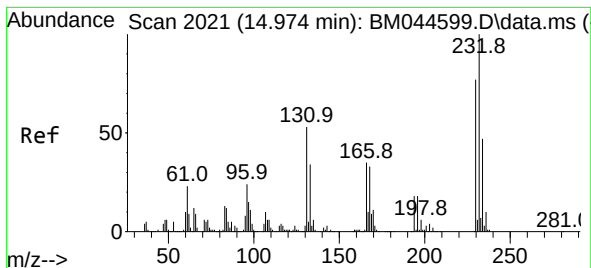
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#58
Fluorene
Concen: 43.828 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

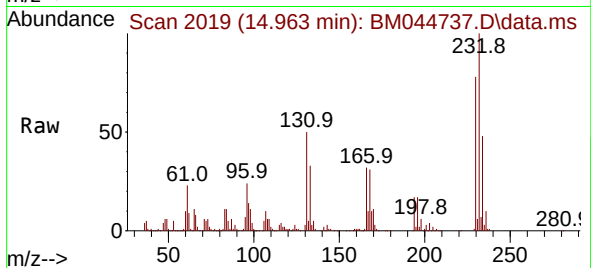
Tgt Ion:166 Resp: 1235579
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.450 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

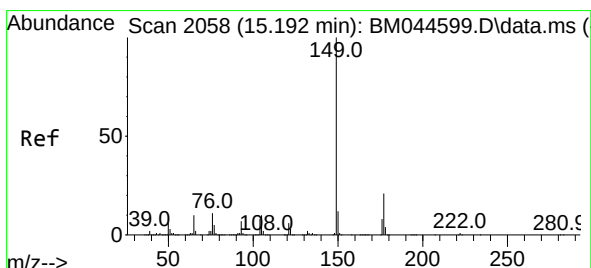
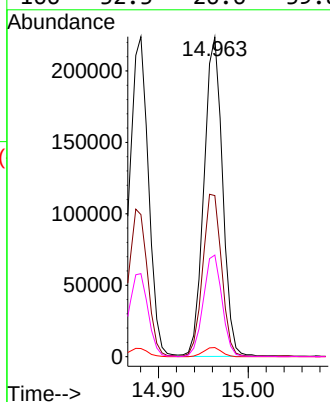
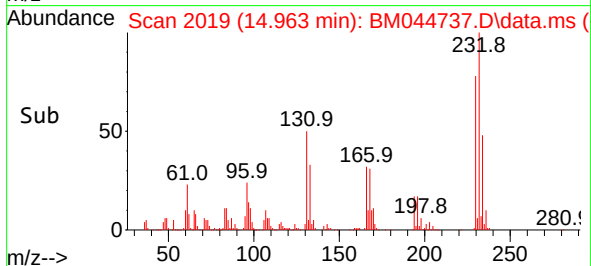
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



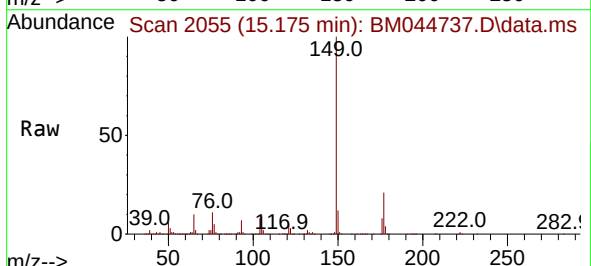
Tgt Ion:232 Resp: 320870
Ion Ratio Lower Upper
232 100
131 51.4 41.0 61.4
130 2.8 2.1 3.1
166 32.3 26.6 39.8

Manual Integrations
APPROVED

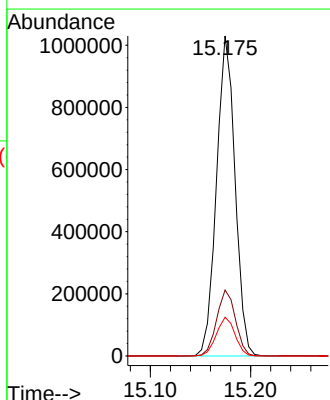
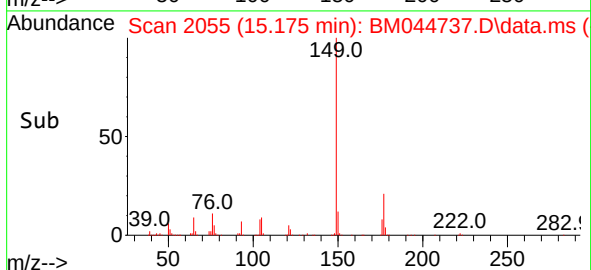
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

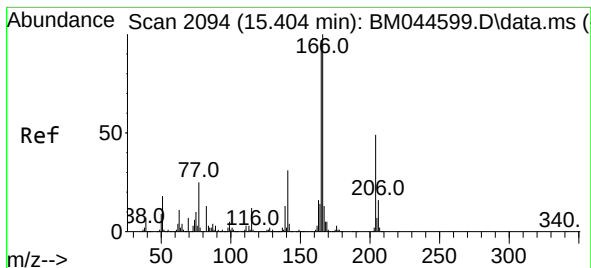


#60
Diethylphthalate
Concen: 43.558 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



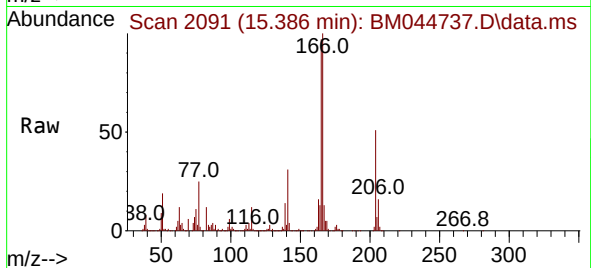
Tgt Ion:149 Resp: 1320882
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 12.1 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.604 ng
RT: 15.386 min Scan# 2094
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

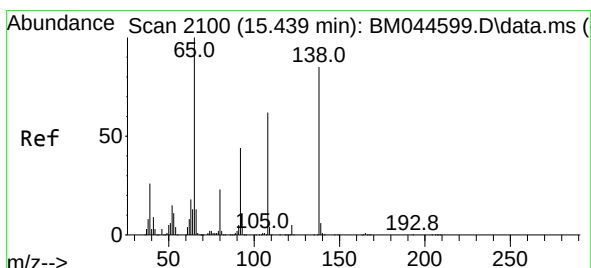
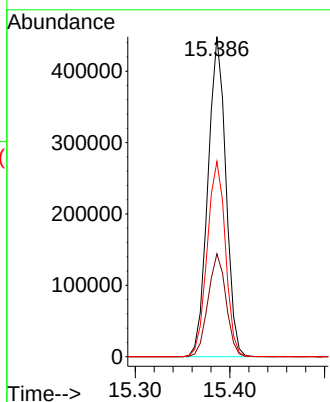
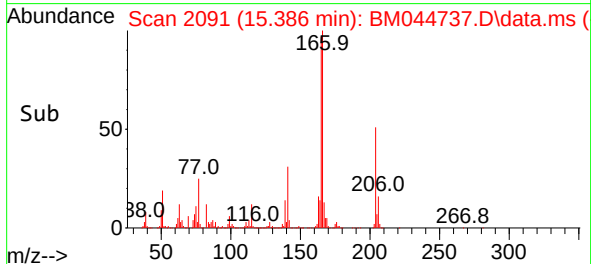
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:204 Resp: 59012
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 61.0 49.8 74.8

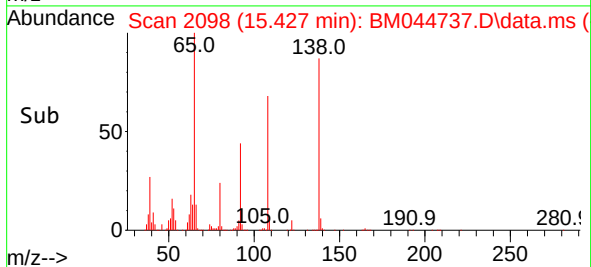
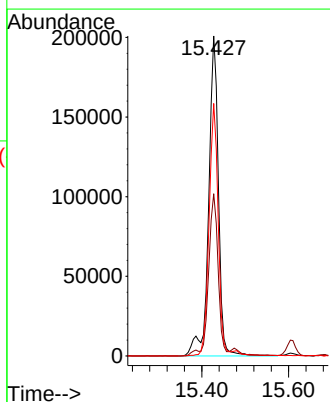
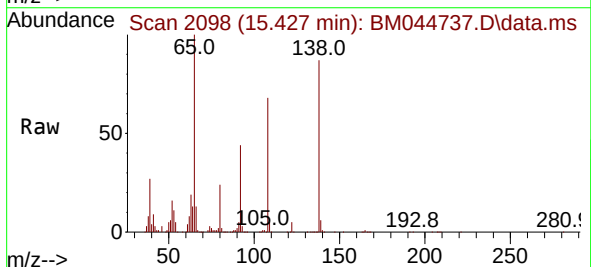
Manual Integrations
APPROVED

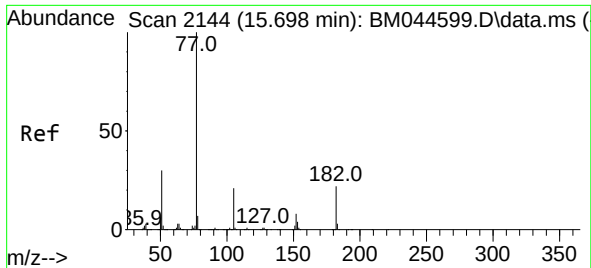
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#62
4-Nitroaniline
Concen: 43.089 ng m
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

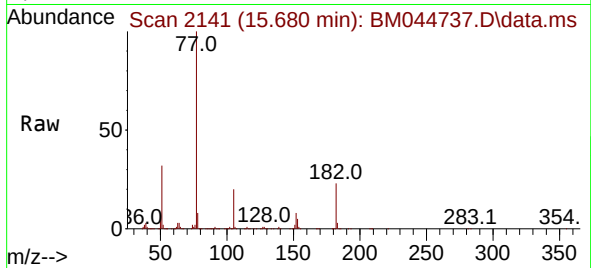
Tgt Ion:138 Resp: 314409
Ion Ratio Lower Upper
138 100
92 50.7 31.9 71.9
108 78.9 53.7 93.7





#63
Azobenzene
Concen: 43.892 ng
RT: 15.680 min Scan# 2144
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

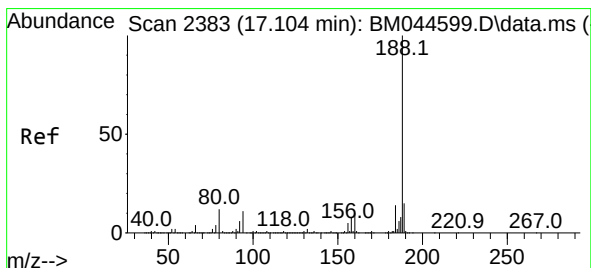
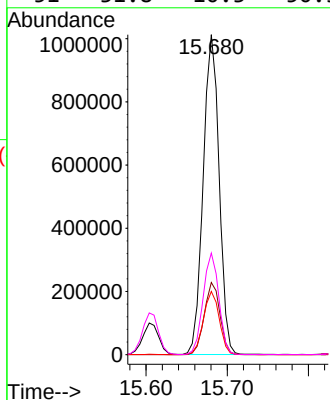
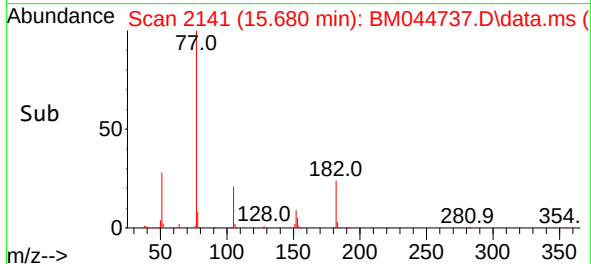
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion: 77 Resp: 137586
Ion Ratio Lower Upper
77 100
182 22.5 1.8 41.8
105 19.7 0.7 40.7
51 31.8 10.3 50.3

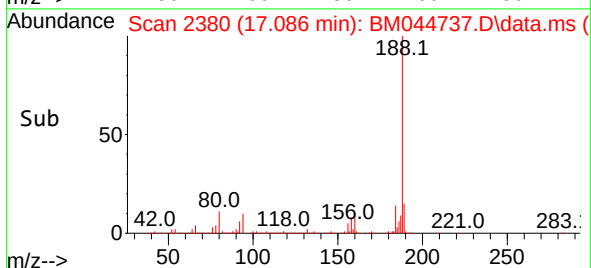
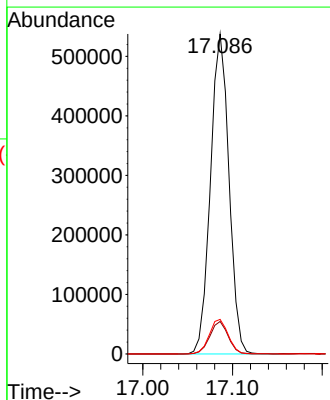
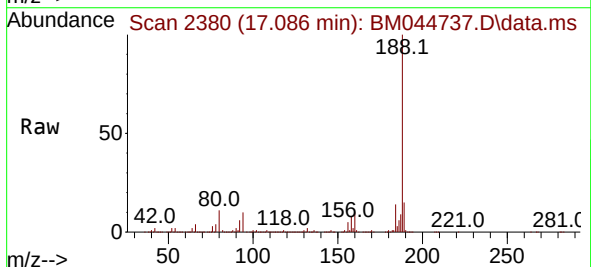
Manual Integrations
APPROVED

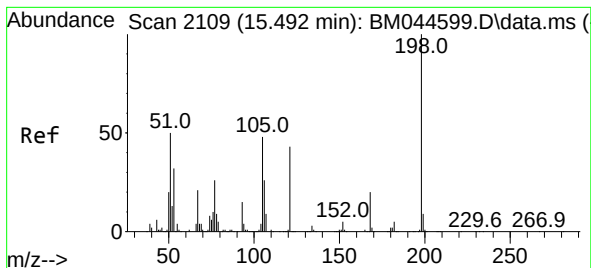
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

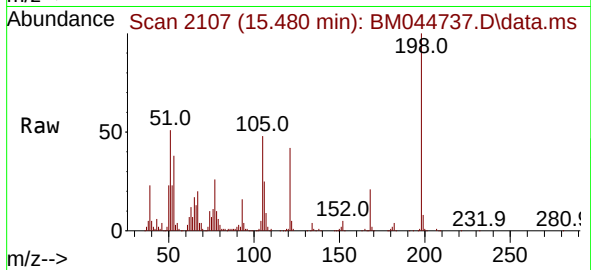
Tgt Ion:188 Resp: 769275
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.8 9.4 14.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.358 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

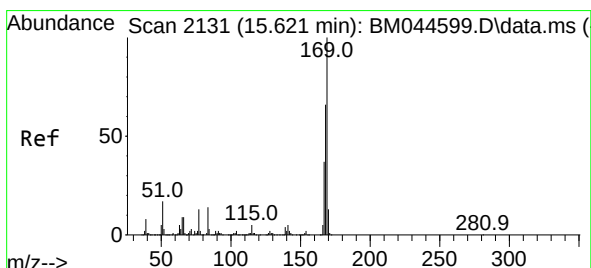
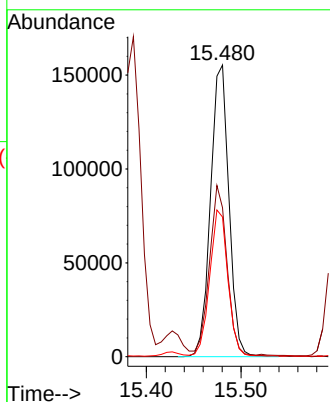
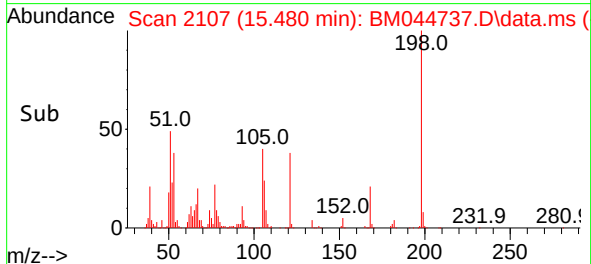
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



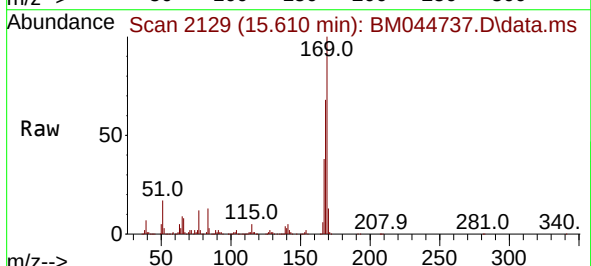
Tgt Ion:198 Resp: 20917
Ion Ratio Lower Upper
198 100
51 51.1 35.0 75.0
105 47.9 28.5 68.5

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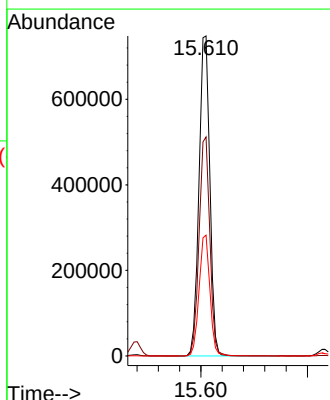
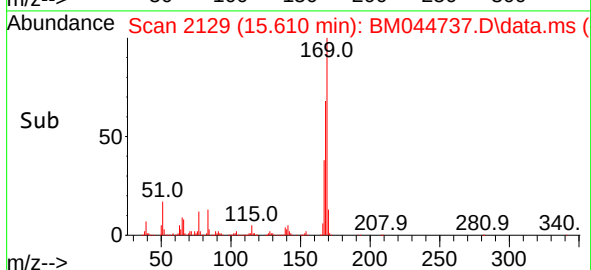
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

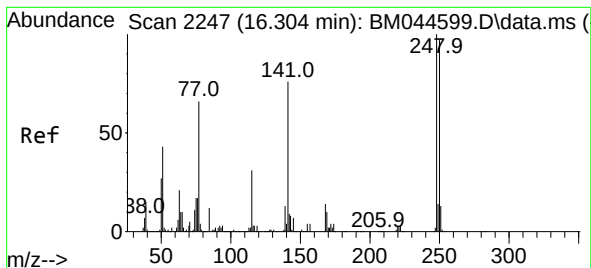


#66
n-Nitrosodiphenylamine
Concen: 43.928 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



Tgt Ion:169 Resp: 1053180
Ion Ratio Lower Upper
169 100
168 68.5 53.1 79.7
167 37.8 29.5 44.3





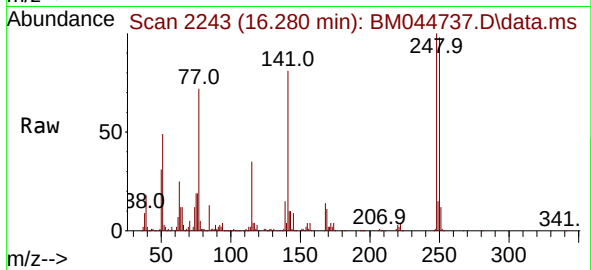
#67
4-Bromophenyl-phenylether
Concen: 44.015 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

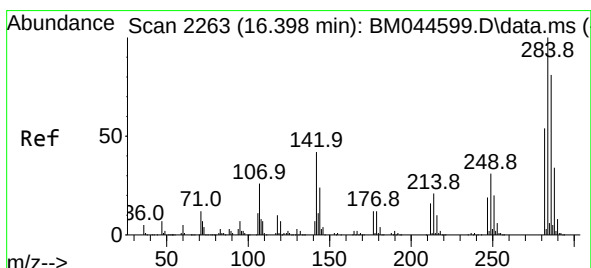
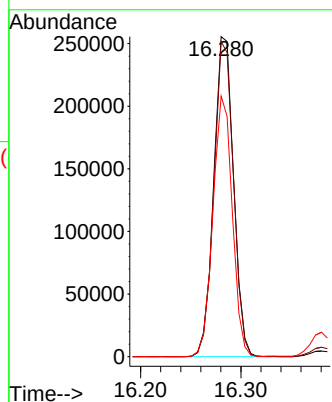
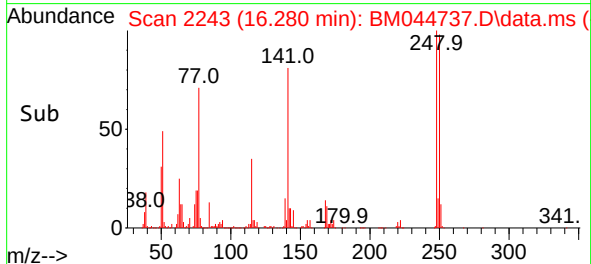


Tgt Ion:248 Resp: 350230
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 81.4 60.6 90.8

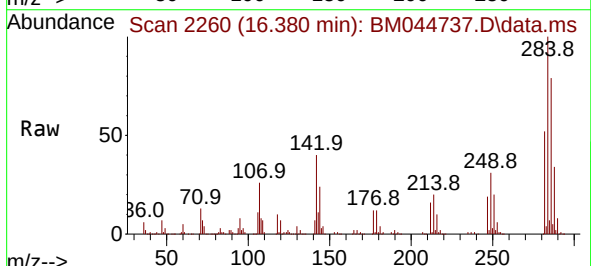
Manual Integrations

APPROVED

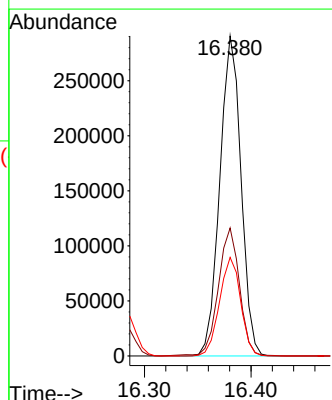
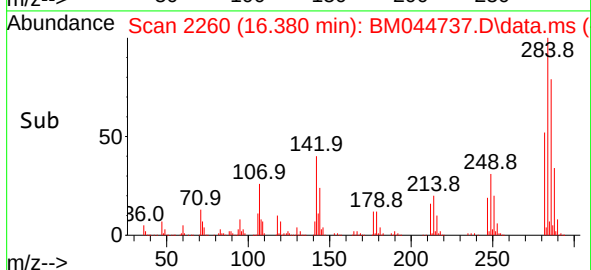
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

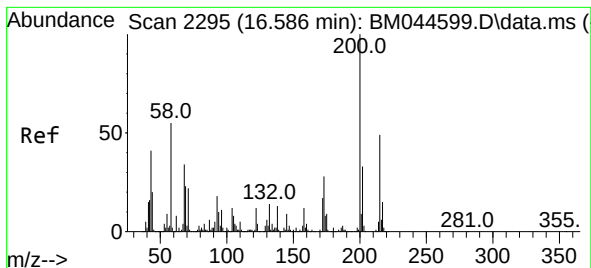


#68
Hexachlorobenzene
Concen: 47.439 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37



Tgt Ion:284 Resp: 401255
Ion Ratio Lower Upper
284 100
142 40.0 33.7 50.5
249 30.8 24.8 37.2





#69

Atrazine

Concen: 39.470 ng

RT: 16.569 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044737.D

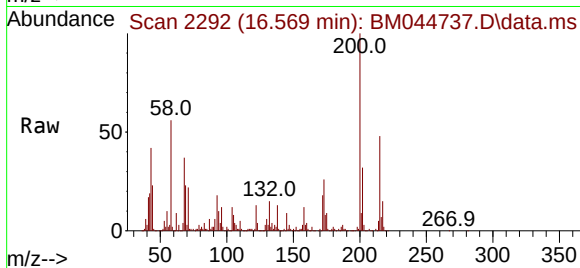
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD



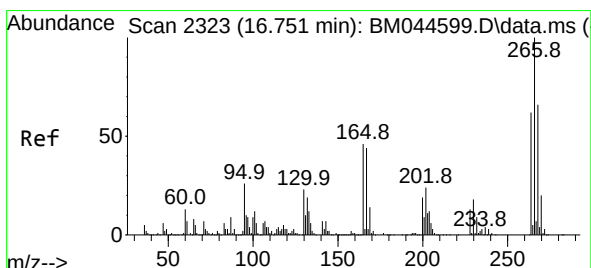
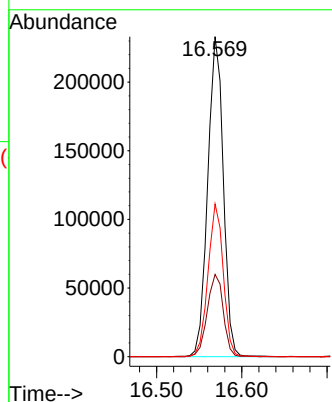
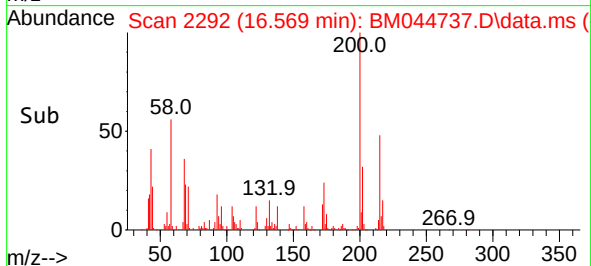
Tgt Ion:	200	Resp:	29570
Ion Ratio	Lower	Upper	
200	100		
173	25.7	7.7	47.7
215	47.8	28.7	68.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#70

Pentachlorophenol

Concen: 90.085 ng

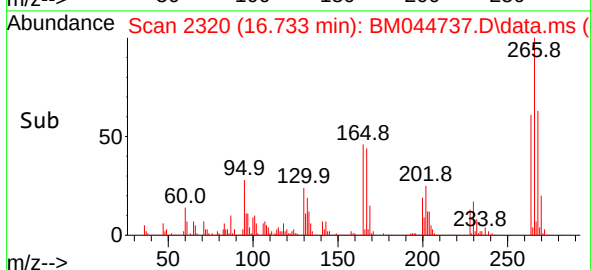
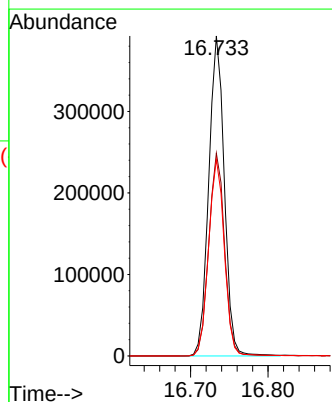
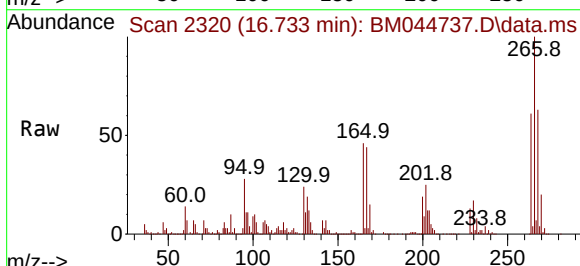
RT: 16.733 min Scan# 2320

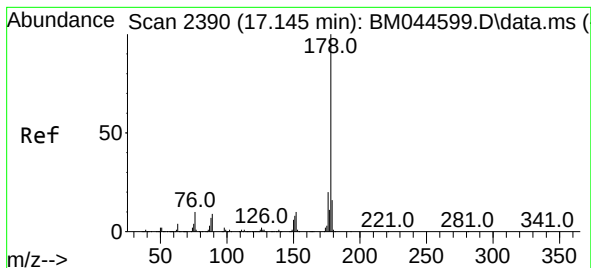
Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Tgt Ion:	266	Resp:	548095
Ion Ratio	Lower	Upper	
266	100		
268	63.4	52.4	78.6
264	61.4	49.8	74.8





#71

Phenanthrene

Concen: 43.160 ng

RT: 17.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:178 Resp: 1834790

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

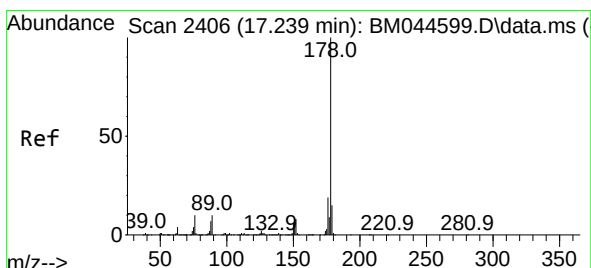
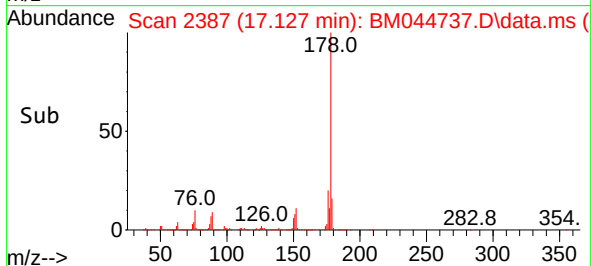
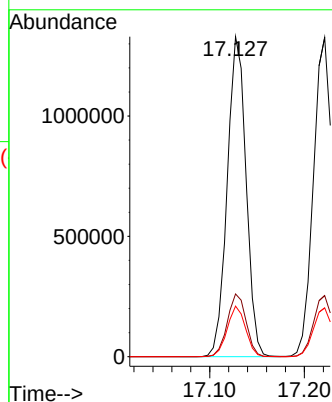
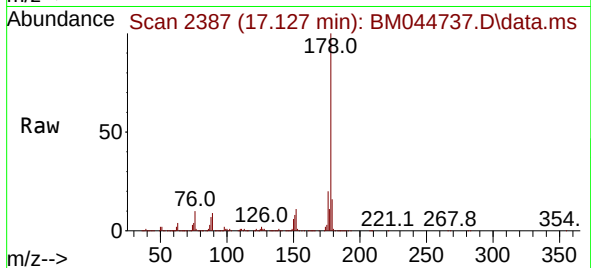
179 15.8 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#72

Anthracene

Concen: 43.779 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

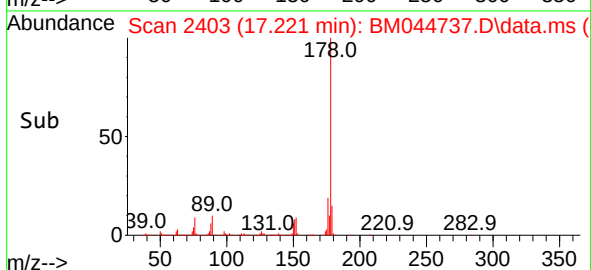
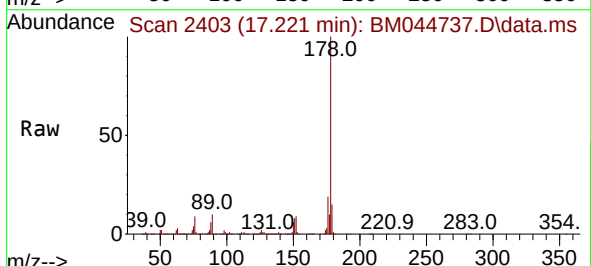
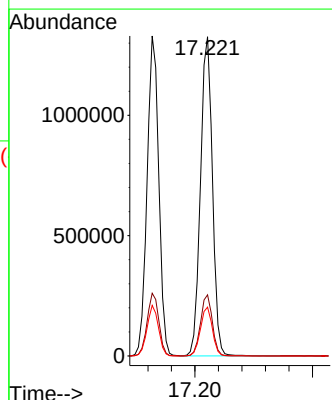
Tgt Ion:178 Resp: 1866616

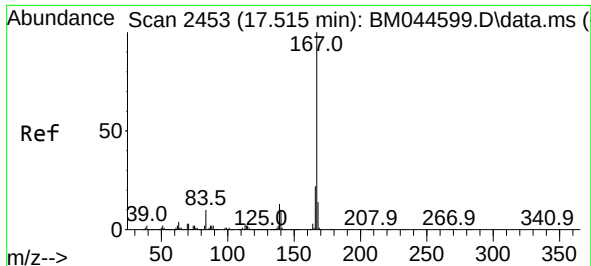
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

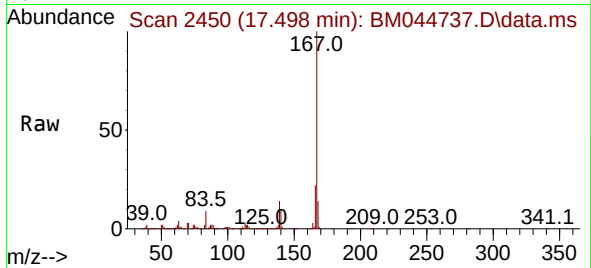
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 44.031 ng
 RT: 17.498 min Scan# 2453
 Delta R.T. -0.017 min
 Lab File: BM044737.D
 Acq: 22 Mar 2024 16:37

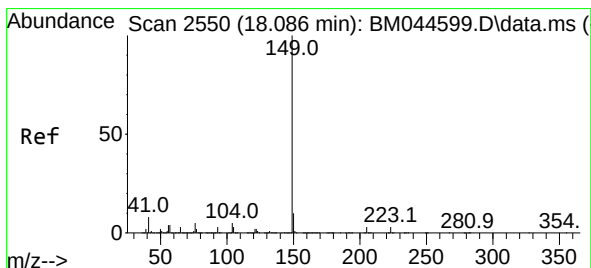
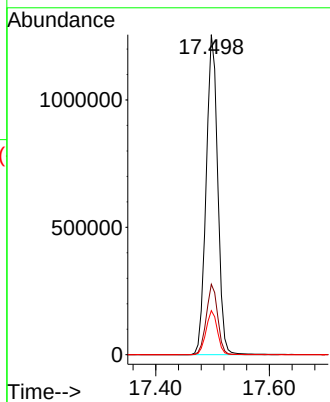
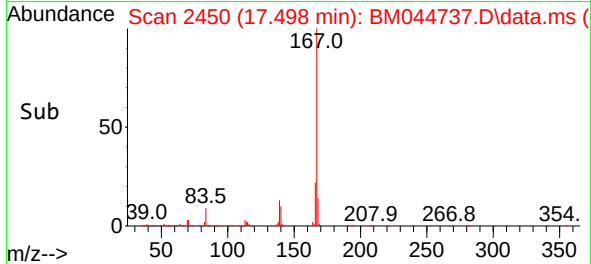
Instrument :
 BNA_M
 ClientSampleId :
 PB159733BSD



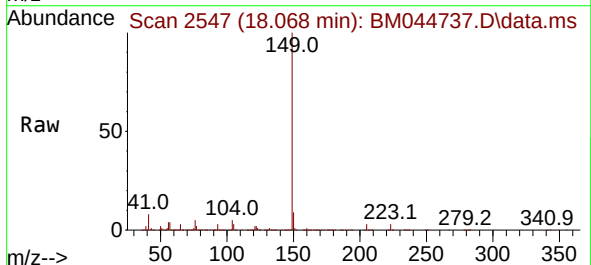
Tgt Ion:167 Resp: 1768149
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.8 10.6 15.8

Manual Integrations
 APPROVED

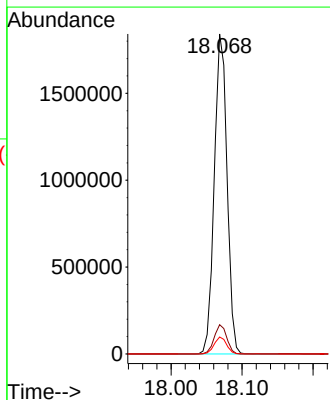
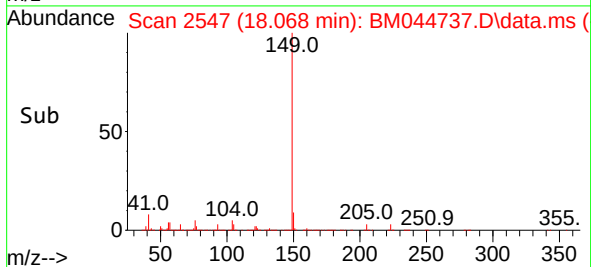
Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

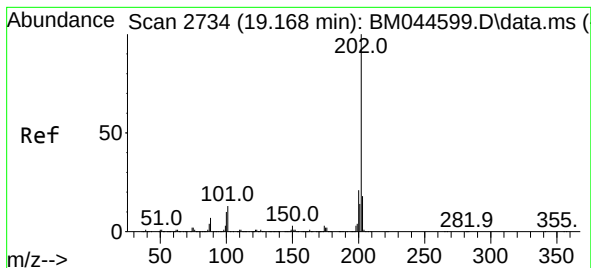


#74
 Di-n-butylphthalate
 Concen: 44.201 ng
 RT: 18.068 min Scan# 2547
 Delta R.T. -0.017 min
 Lab File: BM044737.D
 Acq: 22 Mar 2024 16:37



Tgt Ion:149 Resp: 2287133
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 42.985 ng

RT: 19.151 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:202 Resp: 204274

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

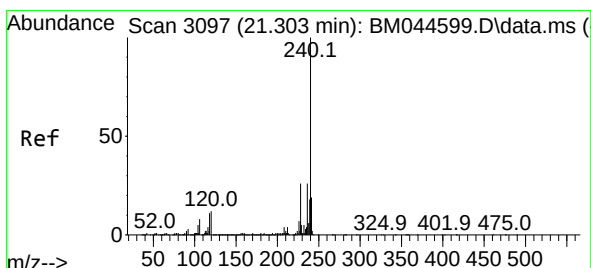
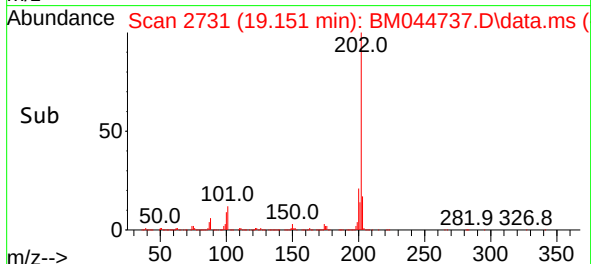
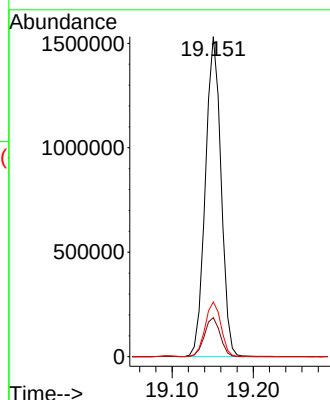
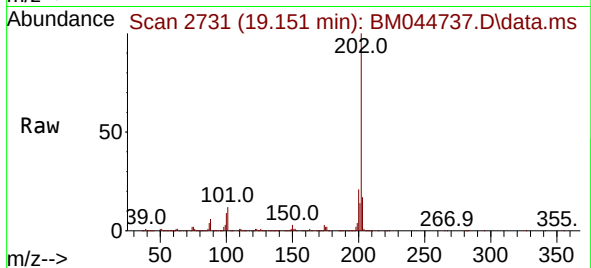
203 17.1 0.0 37.7

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: BM044737.D

Acq: 22 Mar 2024 16:37

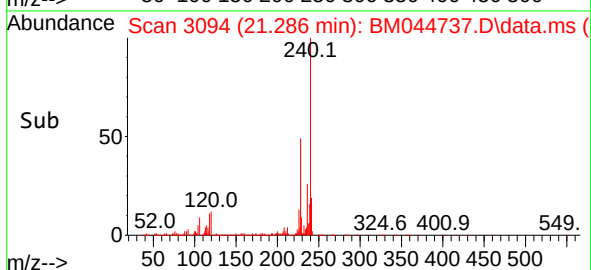
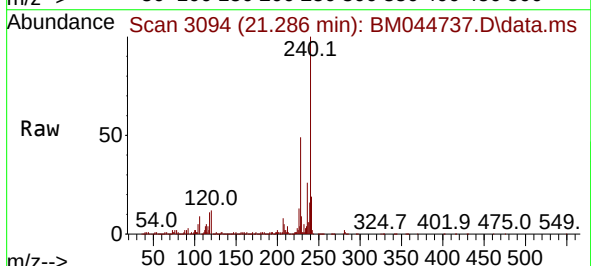
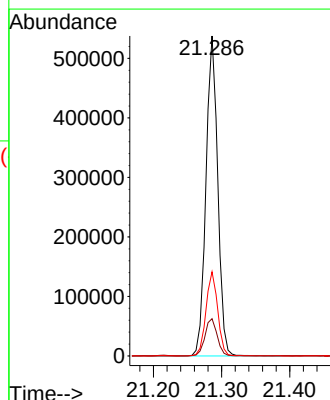
Tgt Ion:240 Resp: 646485

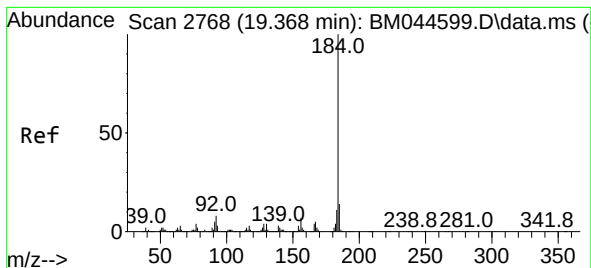
Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

236 26.3 21.0 31.4





#77

Benzidine

Concen: 34.303 ng

RT: 19.357 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:184 Resp: 573160

Ion Ratio Lower Upper

184 100

185 13.6 11.0 16.6

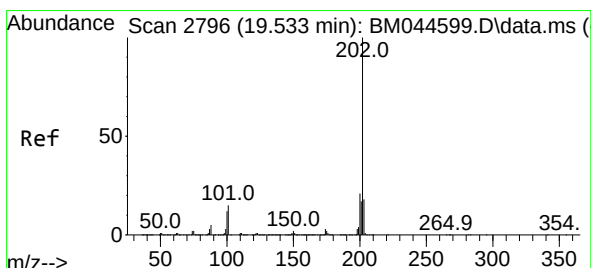
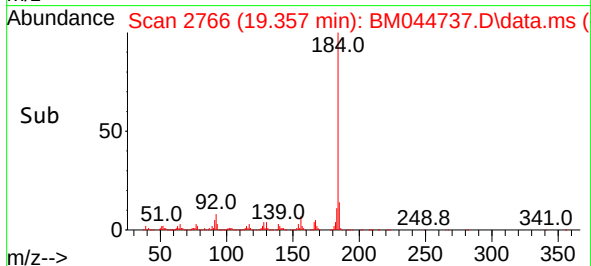
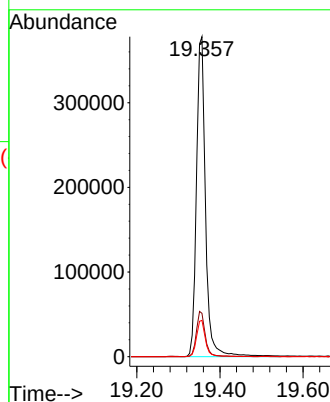
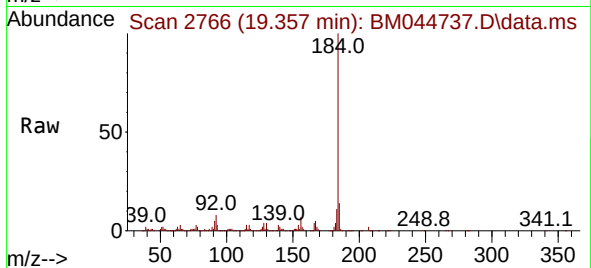
183 11.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#78

Pyrene

Concen: 45.070 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

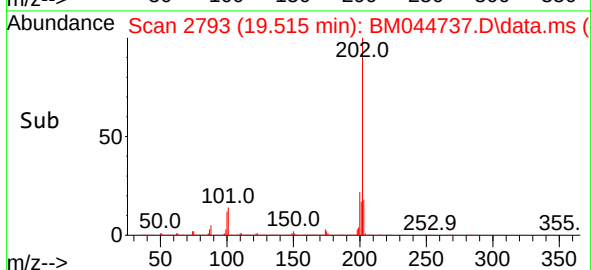
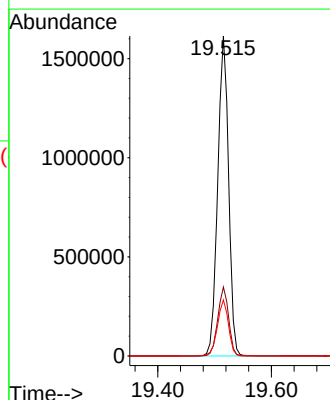
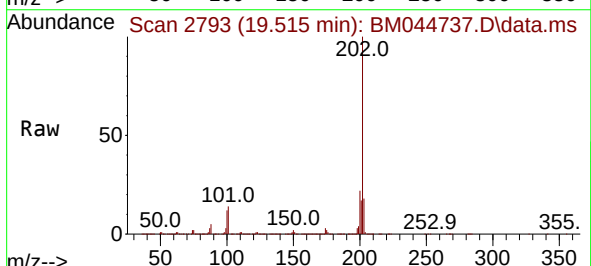
Tgt Ion:202 Resp: 2135496

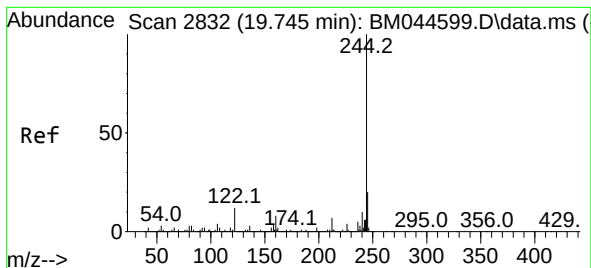
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 86.097 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044737.D

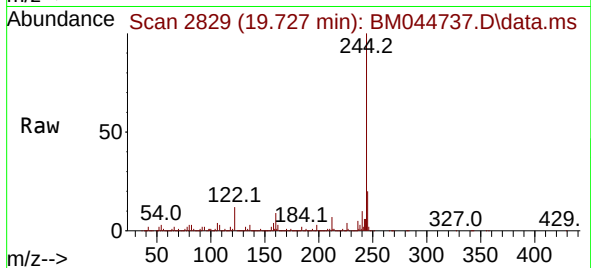
Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD



Tgt Ion:244 Resp: 318176

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

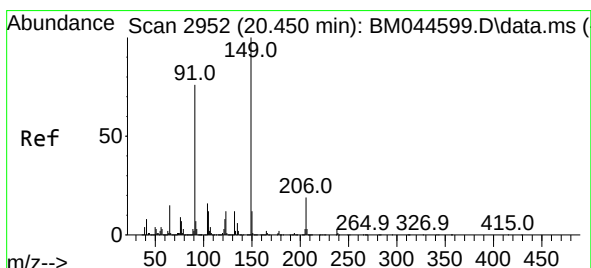
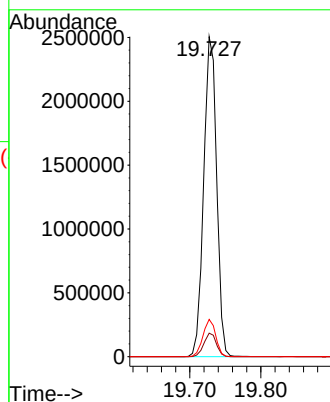
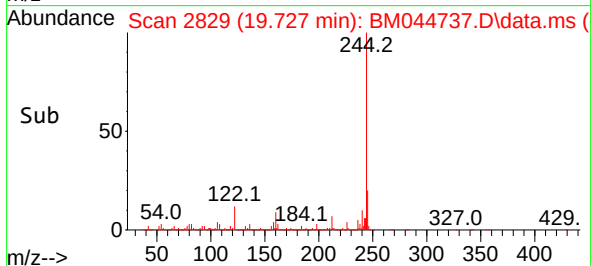
122 11.7 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#80

Butylbenzylphthalate

Concen: 46.896 ng

RT: 20.439 min Scan# 2950

Delta R.T. -0.012 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

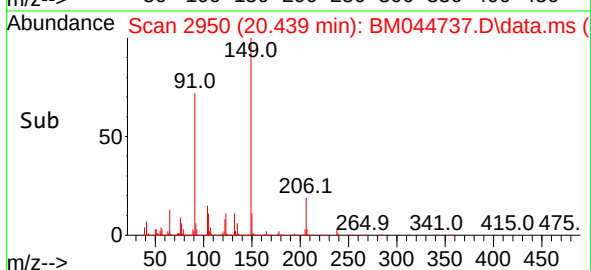
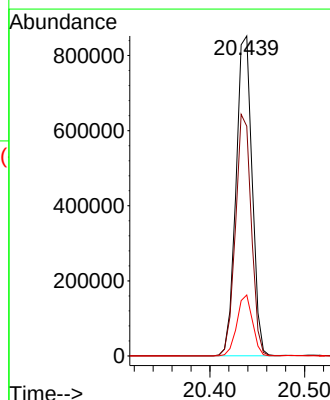
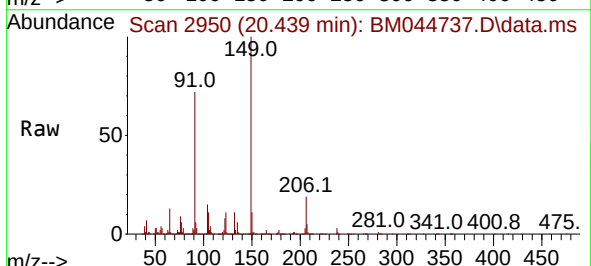
Tgt Ion:149 Resp: 1001424

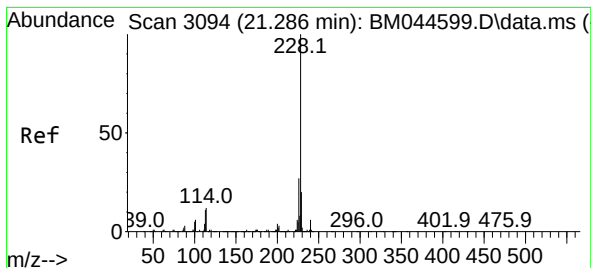
Ion Ratio Lower Upper

149 100

91 71.8 61.0 91.6

206 19.0 15.0 22.6





#81

Benzo(a)anthracene

Concen: 45.414 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:228 Resp: 204281

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

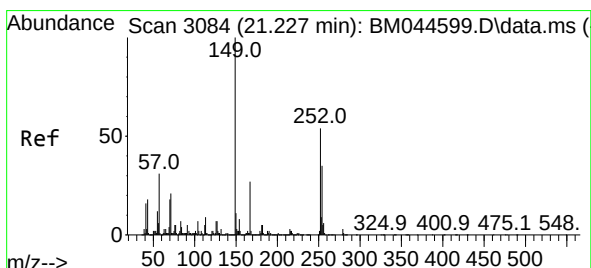
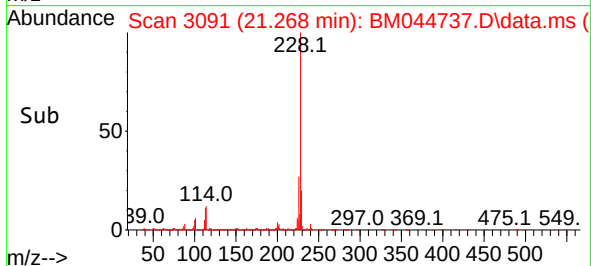
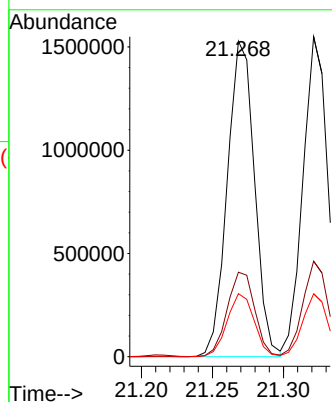
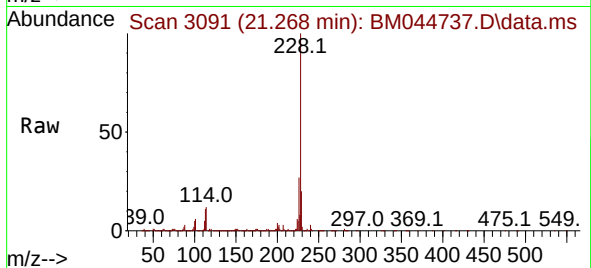
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.522 ng

RT: 21.209 min Scan# 3081

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

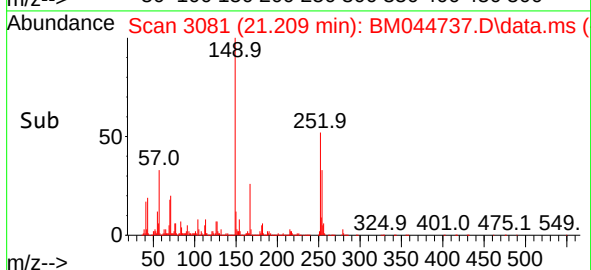
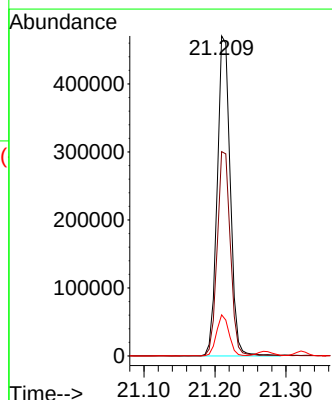
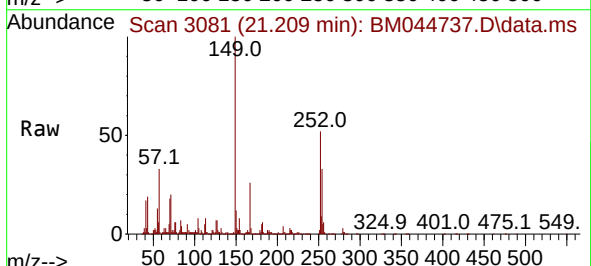
Tgt Ion:252 Resp: 596800

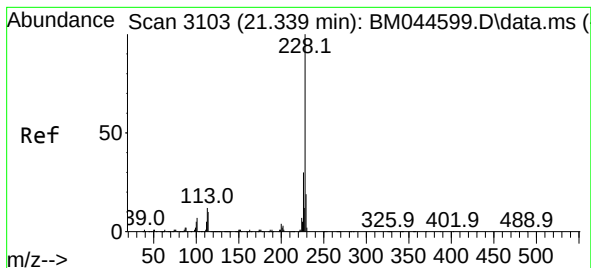
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.0

126 12.9 9.8 14.6





#83

Chrysene

Concen: 43.923 ng

RT: 21.321 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:228 Resp: 1887974

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

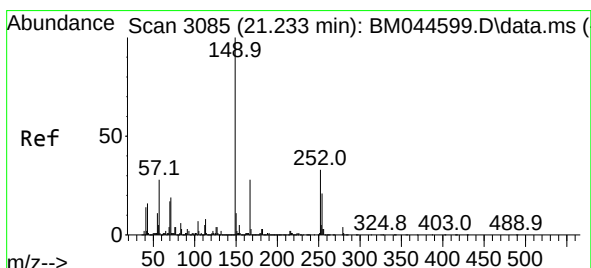
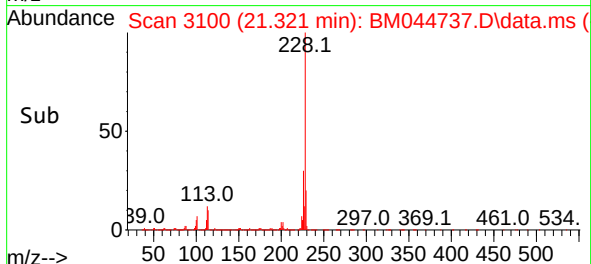
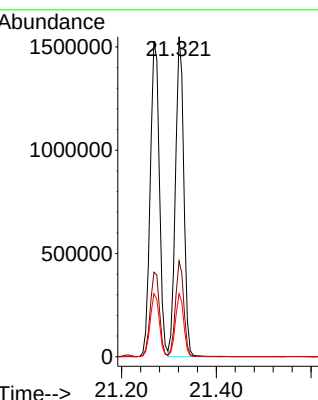
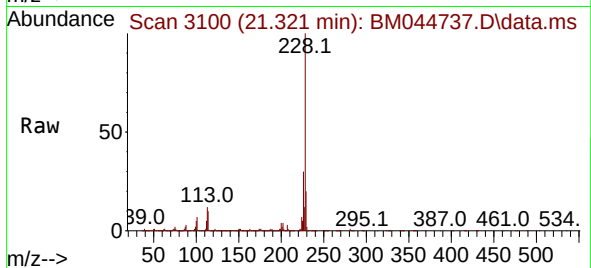
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.863 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

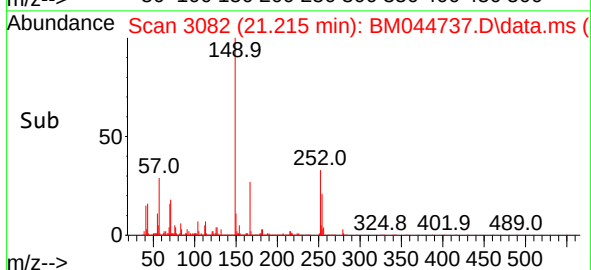
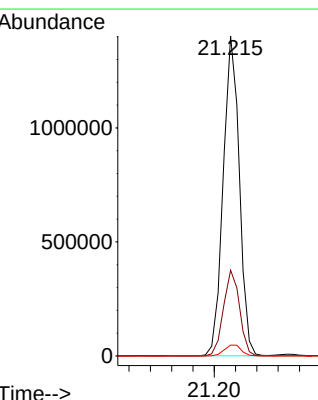
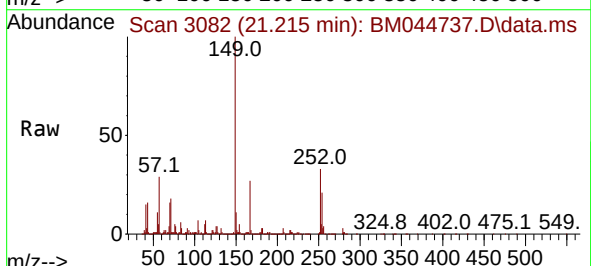
Tgt Ion:149 Resp: 1475462

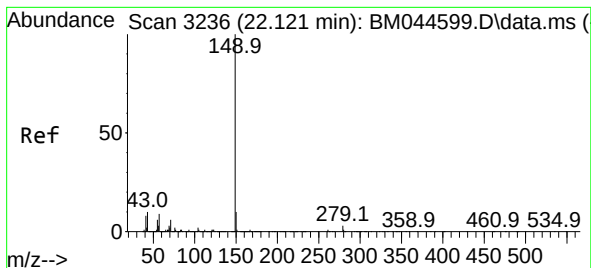
Ion Ratio Lower Upper

149 100

167 26.8 22.1 33.1

279 3.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 45.609 ng

RT: 22.103 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:149 Resp: 2545100

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

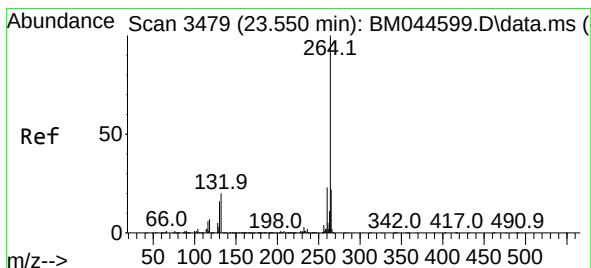
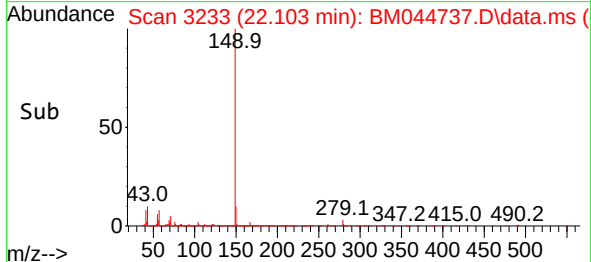
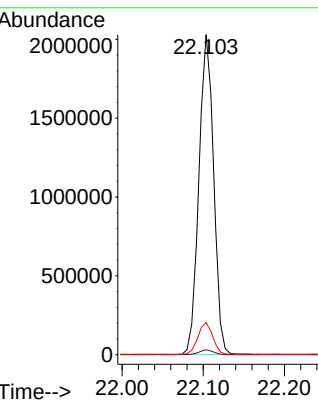
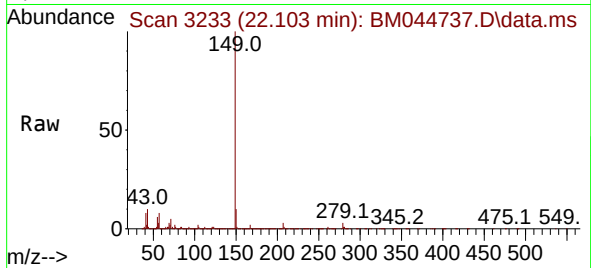
43 10.0 7.9 11.9

Manual Integrations

APPROVED

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: BM044737.D

Acq: 22 Mar 2024 16:37

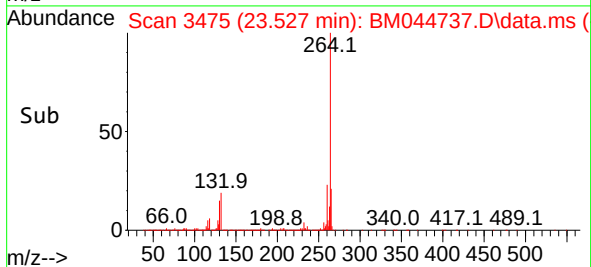
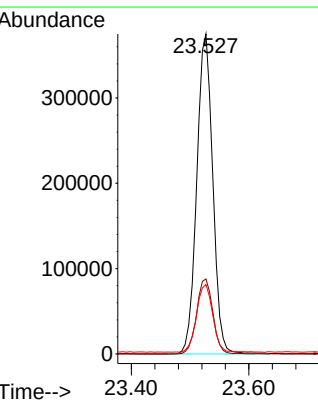
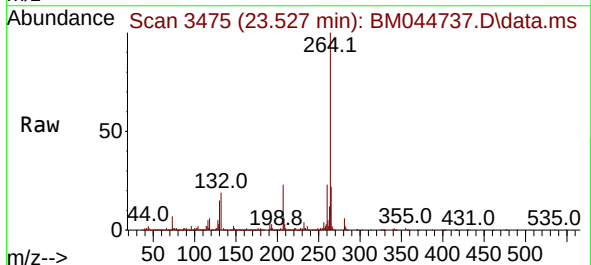
Tgt Ion:264 Resp: 708950

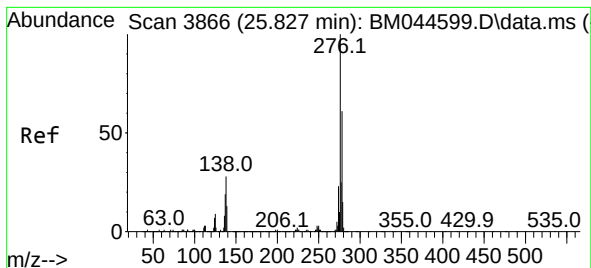
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.190 ng

RT: 25.791 min Scan# 3866

Delta R.T. -0.035 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:276 Resp: 236729

Ion Ratio Lower Upper

276 100

138 28.1 23.6 35.4

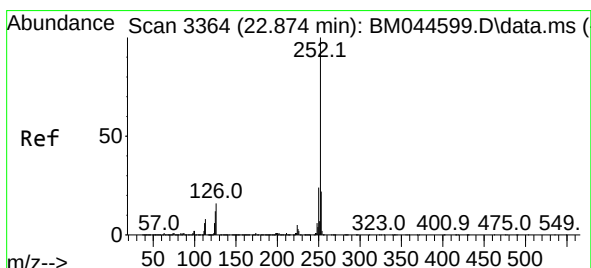
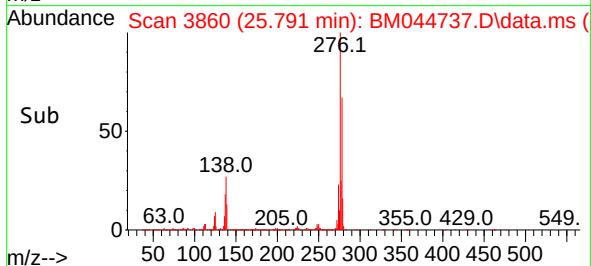
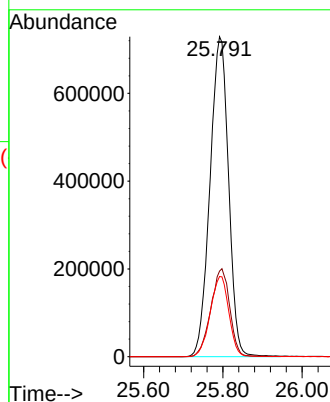
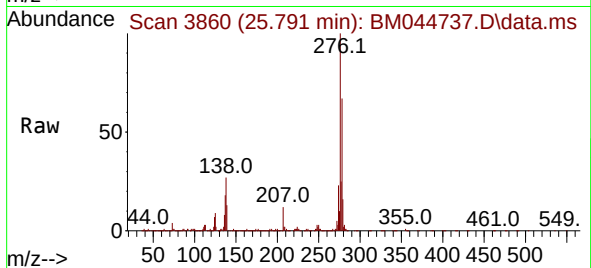
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#88

Benzo(b)fluoranthene

Concen: 50.703 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

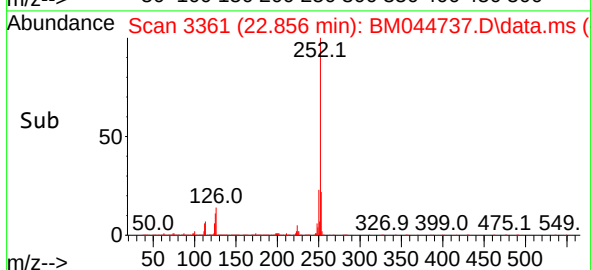
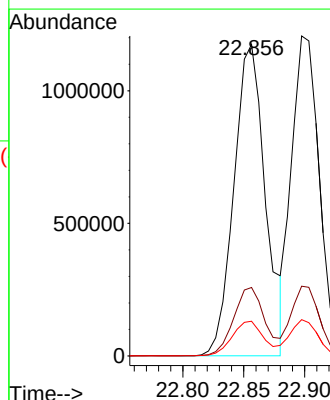
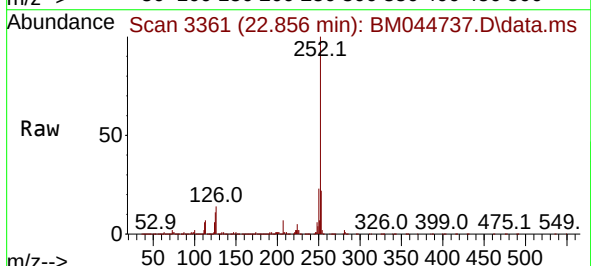
Tgt Ion:252 Resp: 2112426

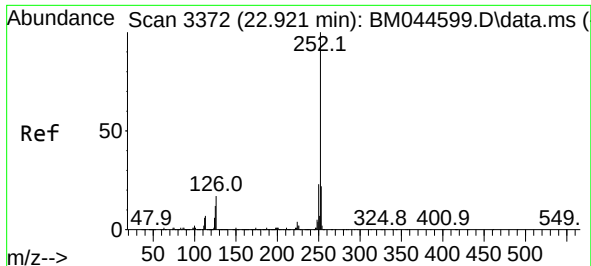
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

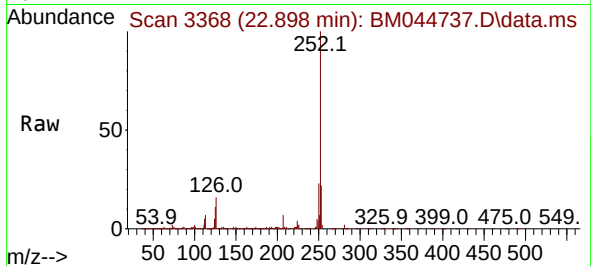
125 11.2 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 44.608 ng
RT: 22.898 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

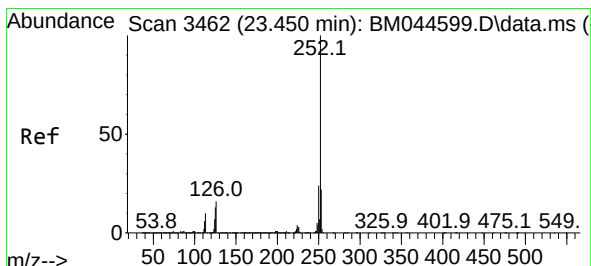
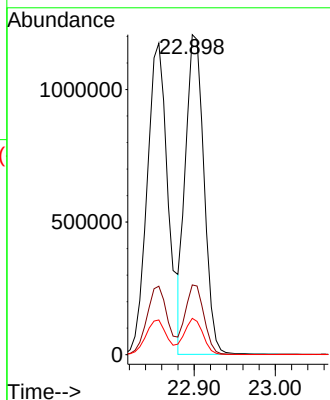
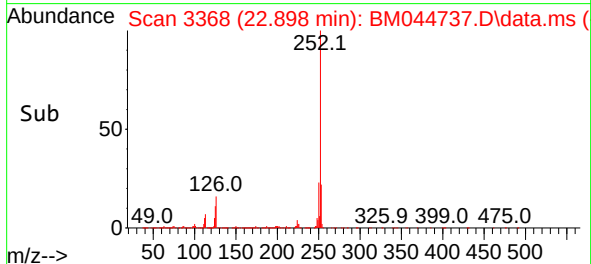
Instrument :
BNA_M
ClientSampleId :
PB159733BSD



Tgt Ion:252 Resp: 191059
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.3 9.4 14.0

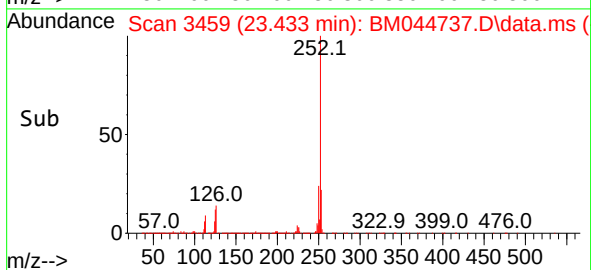
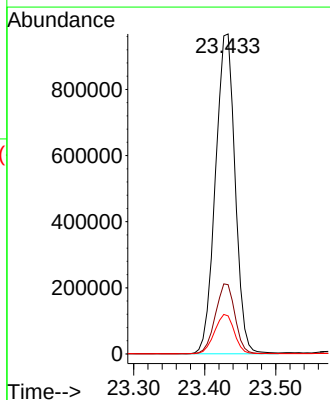
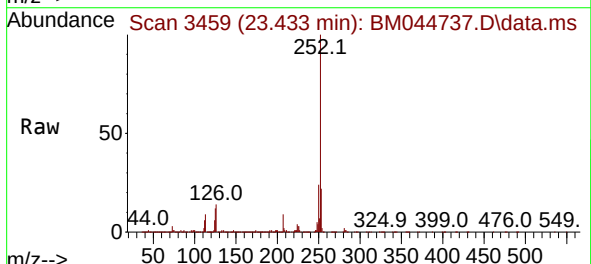
Manual Integrations
APPROVED

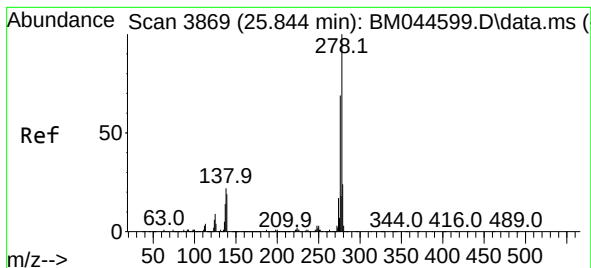
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#90
Benzo(a)pyrene
Concen: 45.643 ng
RT: 23.433 min Scan# 3459
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:252 Resp: 1854783
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.9 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 45.948 ng

RT: 25.809 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion:278 Resp: 1985254

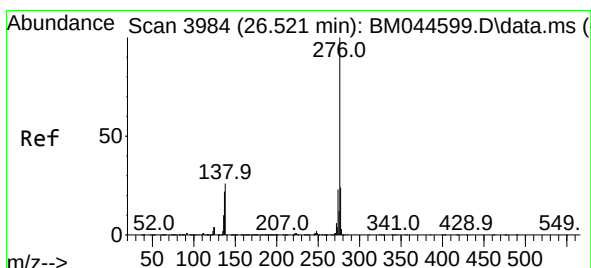
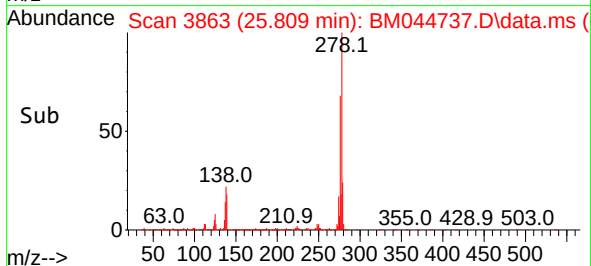
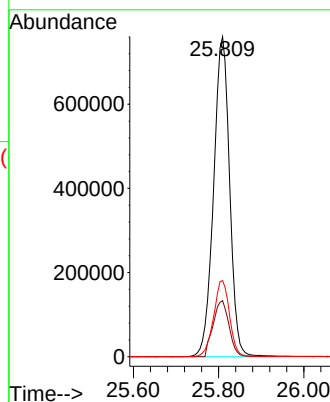
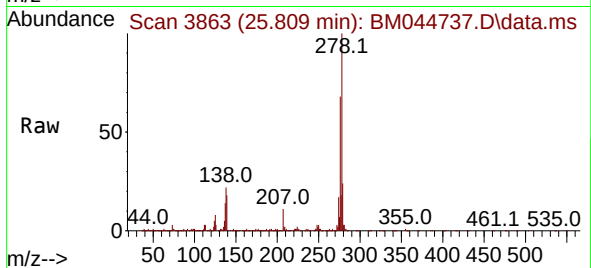
Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.0	22.6
279	23.8	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#92

Benzo(g,h,i)perylene

Concen: 44.743 ng

RT: 26.480 min Scan# 3977

Delta R.T. -0.041 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Tgt Ion:276 Resp: 1902997

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	23.5	20.7	31.1

