

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044734.D
 Acq On : 22 Mar 2024 14:48
 Operator : MA/JU
 Sample : PB159652BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159652BSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 22 15:20:26 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	201993	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	782986	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	397147	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	758677	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	643889	20.000	ng	-0.02
86) Perylene-d12	23.527	264	714565	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1317832	93.672	ng	0.00
7) Phenol-d6	6.875	99	1588191	87.749	ng	0.00
23) Nitrobenzene-d5	8.851	82	1443370	88.808	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	423848	96.760	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2652801	91.993	ng	-0.02
79) Terphenyl-d14	19.733	244	3342674	90.815	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	223314	37.764	ng	# 95
3) Pyridine	3.681	79	583025	35.653	ng	96
4) n-Nitrosodimethylamine	3.610	42	311857	47.586	ng	88
6) Aniline	7.034	93	575665	26.855	ng	98
8) 2-Chlorophenol	7.257	128	669924	47.808	ng	99
9) Benzaldehyde	6.851	77	183815	19.391	ng	98
10) Phenol	6.904	94	839679	46.453	ng	98
11) bis(2-Chloroethyl)ether	7.134	93	666179	45.139	ng	99
12) 1,3-Dichlorobenzene	7.575	146	719885	47.778	ng	98
13) 1,4-Dichlorobenzene	7.722	146	730532	48.107	ng	99
14) 1,2-Dichlorobenzene	8.034	146	693779	47.907	ng	99
15) Benzyl Alcohol	7.939	79	565479	47.522	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	956583m	46.750	ng	
17) 2-Methylphenol	8.134	107	540302	43.829	ng	98
18) Hexachloroethane	8.745	117	282329	50.291	ng	99
19) n-Nitroso-di-n-propyla...	8.498	70	446133	40.362	ng	96
20) 3+4-Methylphenols	8.463	107	725104	43.586	ng	98
22) Acetophenone	8.516	105	943289	45.857	ng	# 98
24) Nitrobenzene	8.892	77	725437	45.154	ng	99
25) Isophorone	9.416	82	1306786	46.601	ng	99
26) 2-Nitrophenol	9.592	139	341050	49.195	ng	98
27) 2,4-Dimethylphenol	9.657	122	578287	47.433	ng	99
28) bis(2-Chloroethoxy)met...	9.898	93	820438	44.058	ng	100
29) 2,4-Dichlorophenol	10.122	162	553227	47.612	ng	97
30) 1,2,4-Trichlorobenzene	10.328	180	587133	47.498	ng	99
31) Naphthalene	10.516	128	1920894	44.702	ng	100
32) Benzoic acid	9.810	122	356197	37.468	ng	97
33) 4-Chloroaniline	10.639	127	415128	23.028	ng	99
34) Hexachlorobutadiene	10.786	225	336224	48.783	ng	99
35) Caprolactam	11.451	113	169888m	45.326	ng	
36) 4-Chloro-3-methylphenol	11.769	107	570760	44.764	ng	99
37) 2-Methylnaphthalene	12.133	142	1223931	41.965	ng	97
38) 1-Methylnaphthalene	12.357	142	1145747	42.151	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	558820	49.584	ng	98
41) Hexachlorocyclopentadiene	12.469	237	836778	130.330	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	390087	51.259	ng	98

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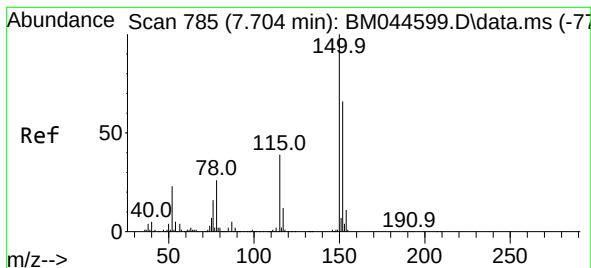
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.827	196	417061	46.252	ng	98
46) 1,1'-Biphenyl	13.163	154	1489636	47.958	ng	99
47) 2-Chloronaphthalene	13.204	162	1143519	49.785	ng	99
48) 2-Nitroaniline	13.421	65	378926	48.621	ng	99
49) Acenaphthylene	14.051	152	1795654	47.990	ng	99
50) Dimethylphthalate	13.810	163	1357431	45.696	ng	100
51) 2,6-Dinitrotoluene	13.927	165	294979	47.685	ng	97
52) Acenaphthene	14.398	154	1078357	47.675	ng	98
53) 3-Nitroaniline	14.257	138	235895	32.566	ng	99
54) 2,4-Dinitrophenol	14.468	184	363373	89.232	ng	97
55) Dibenzofuran	14.733	168	1646048	45.853	ng	99
56) 4-Nitrophenol	14.574	139	595708	100.135	ng	95
57) 2,4-Dinitrotoluene	14.721	165	401644	49.691	ng	93
58) Fluorene	15.386	166	1297518	46.414	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.963	232	338884	48.405	ng	99
60) Diethylphthalate	15.180	149	1377646	45.813	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	621946	46.343	ng	98
62) 4-Nitroaniline	15.433	138	331981m	45.881	ng	
63) Azobenzene	15.680	77	1438081	46.264	ng	98
65) 4,6-Dinitro-2-methylph...	15.480	198	224170	47.115	ng	99
66) n-Nitrosodiphenylamine	15.610	169	1107576	46.842	ng	99
67) 4-Bromophenyl-phenylether	16.286	248	369093	47.034	ng	99
68) Hexachlorobenzene	16.380	284	419599	50.301	ng	98
69) Atrazine	16.574	200	381313	51.608	ng	98
70) Pentachlorophenol	16.733	266	555951	92.653	ng	99
71) Phenanthrene	17.133	178	1943705	46.360	ng	99
72) Anthracene	17.221	178	1960058	46.613	ng	100
73) Carbazole	17.504	167	1880533	47.484	ng	100
74) Di-n-butylphthalate	18.074	149	2373229	46.505	ng	99
75) Fluoranthene	19.150	202	2119337	45.220	ng	99
77) Benzidine	19.356	184	666732	40.065	ng	99
78) Pyrene	19.515	202	2225825	47.165	ng	100
80) Butylbenzylphthalate	20.439	149	1045186	49.142	ng	98
81) Benzo(a)anthracene	21.274	228	2101245	46.901	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	602204	39.028	ng	99
83) Chrysene	21.327	228	1945809	45.451	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	1538319	48.010	ng	98
85) Di-n-octyl phthalate	22.109	149	2691365	48.424	ng	100
87) Indeno(1,2,3-cd)pyrene	25.797	276	2471114	47.837	ng	98
88) Benzo(b)fluoranthene	22.862	252	2128518	50.687	ng	98
89) Benzo(k)fluoranthene	22.903	252	2121241	49.137	ng	99
90) Benzo(a)pyrene	23.433	252	1874955	45.777	ng	99
91) Dibenzo(a,h)anthracene	25.815	278	2076538	47.683	ng	98
92) Benzo(g,h,i)perylene	26.485	276	2035465	47.481	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 70

Delta R.T. -0.017 min

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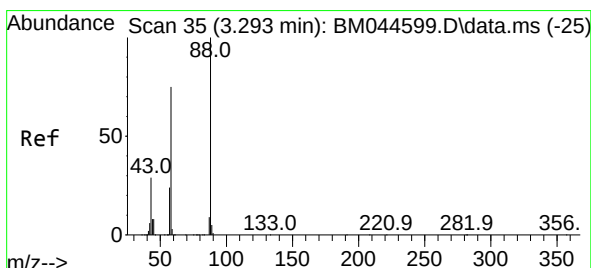
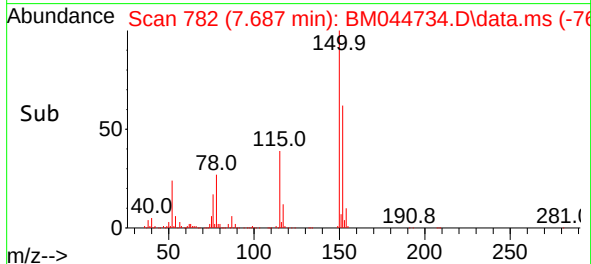
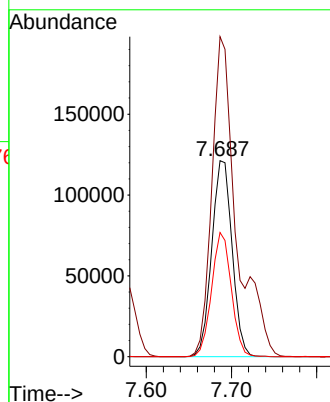
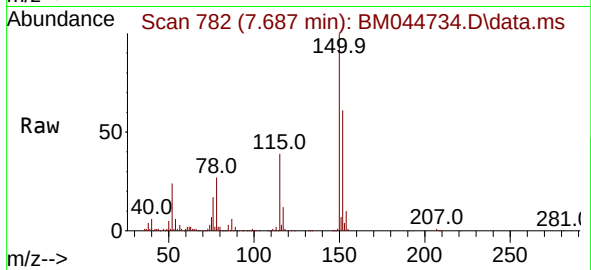
Tgt Ion:152 Resp: 20199
 Ion Ratio Lower Upper
 152 100
 150 163.3 121.9 182.9
 115 63.3 47.1 70.7

Manual Integrations

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#2

1,4-Dioxane

Concen: 37.764 ng

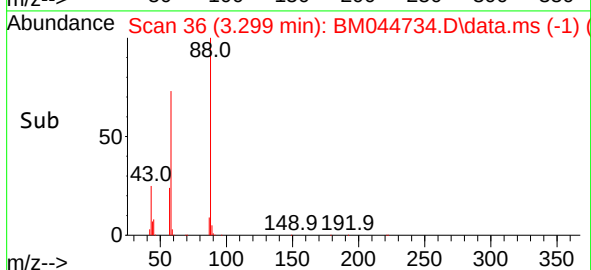
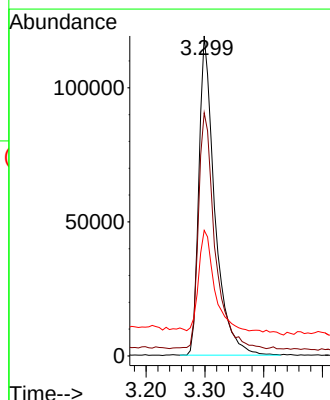
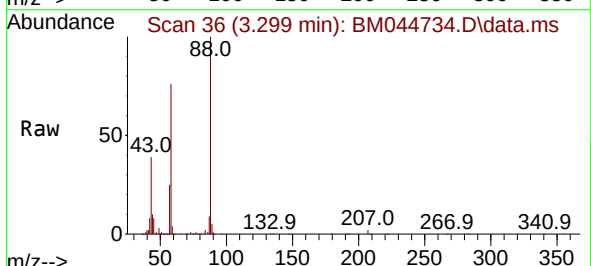
RT: 3.299 min Scan# 36

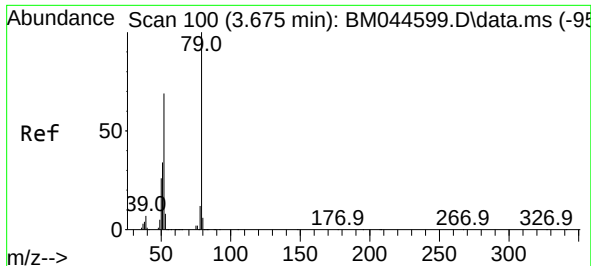
Delta R.T. 0.006 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

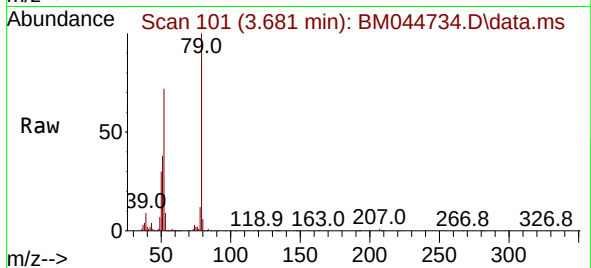
Tgt Ion: 88 Resp: 223314
 Ion Ratio Lower Upper
 88 100
 58 76.6 60.2 90.2
 43 37.0 23.5 35.3





#3
Pyridine
Concen: 35.653 ng
RT: 3.681 min Scan# 100
Delta R.T. 0.006 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

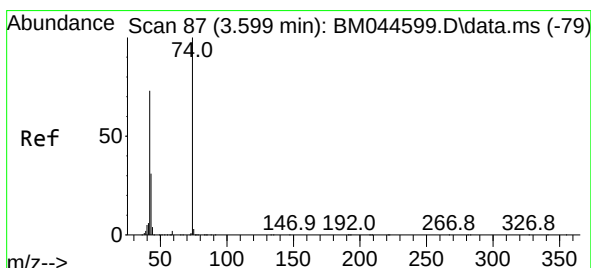
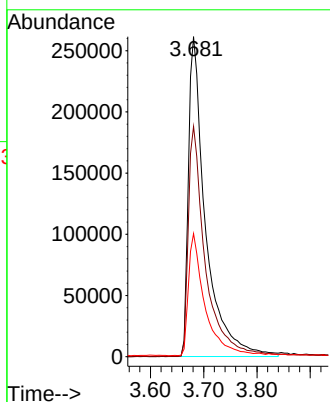
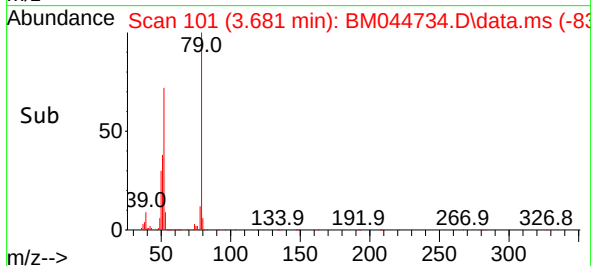
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion: 79 Resp: 583025
Ion Ratio Lower Upper
79 100
52 71.9 55.5 83.3
51 38.4 27.7 41.5

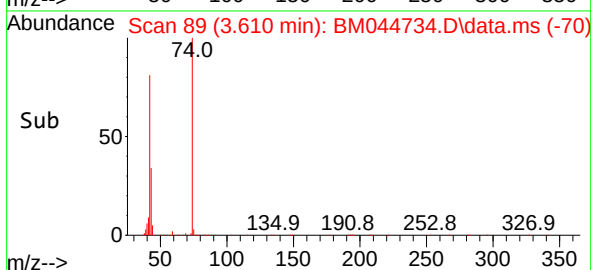
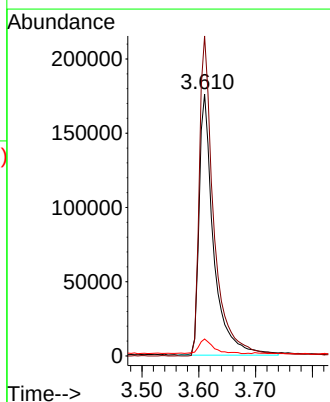
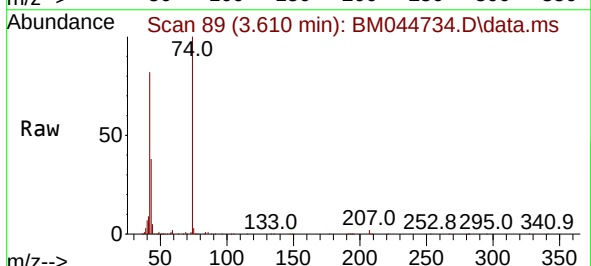
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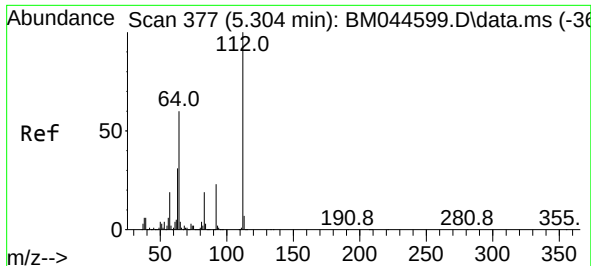
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#4
n-Nitrosodimethylamine
Concen: 47.586 ng
RT: 3.610 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

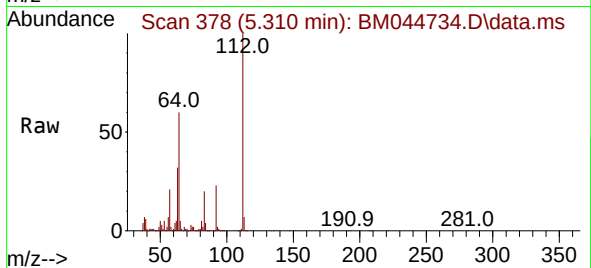
Tgt Ion: 42 Resp: 311857
Ion Ratio Lower Upper
42 100
74 122.2 109.7 164.5
44 6.5 5.4 8.0





#5
2-Fluorophenol
Concen: 93.672 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

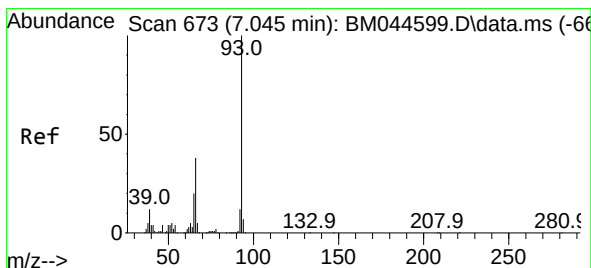
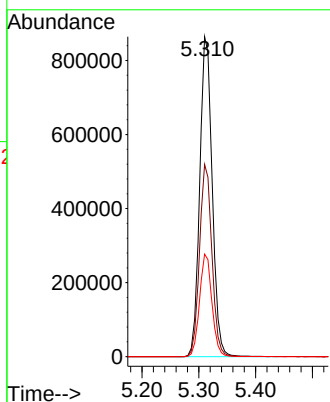
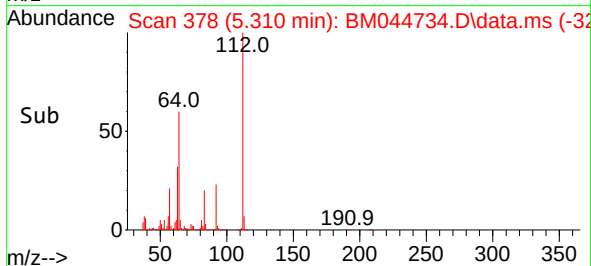
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Tgt Ion: 112 Resp: 131783
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 32.1 25.0 37.4

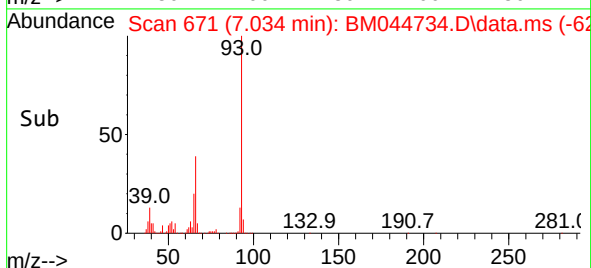
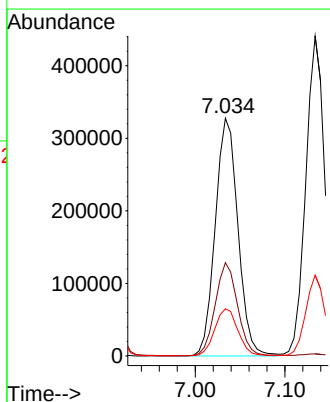
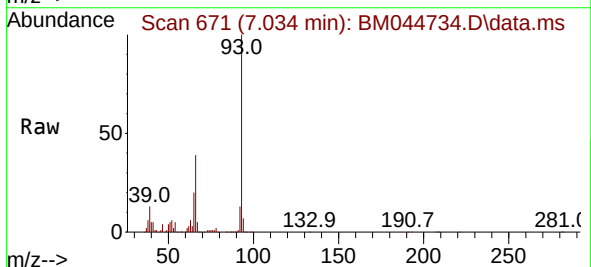
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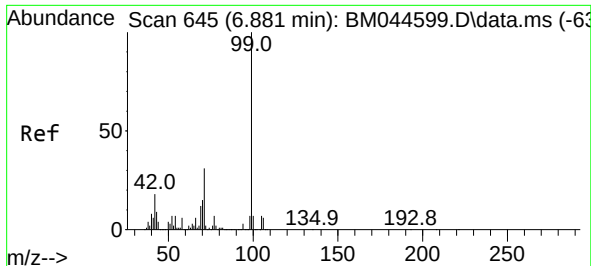
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#6
Aniline
Concen: 26.855 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

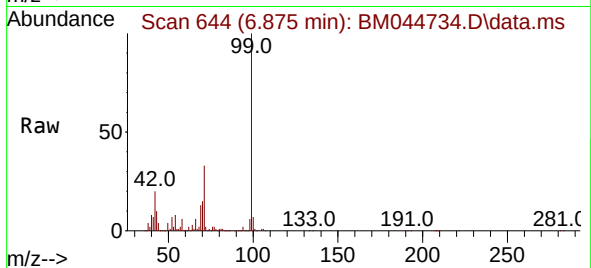
Tgt Ion: 93 Resp: 575665
Ion Ratio Lower Upper
93 100
66 39.2 30.3 45.5
65 19.8 15.7 23.5





#7
Phenol-d6
Concen: 87.749 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

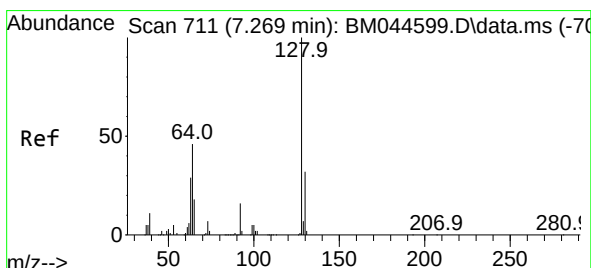
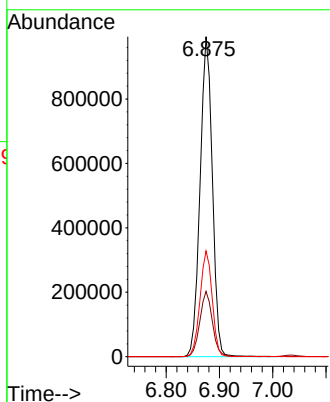
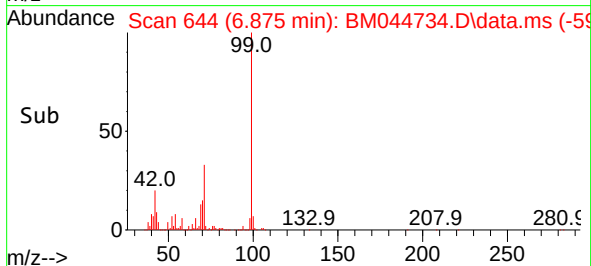
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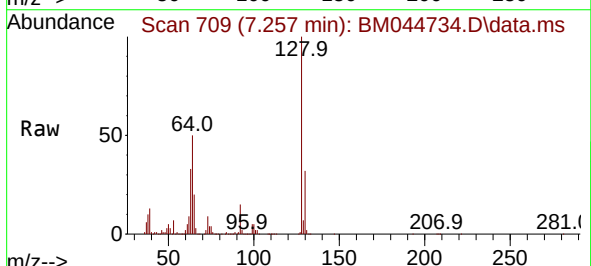
Tgt Ion: 99 Resp: 158819
Ion Ratio Lower Upper
99 100
42 20.4 14.3 21.5
71 33.0 24.5 36.7

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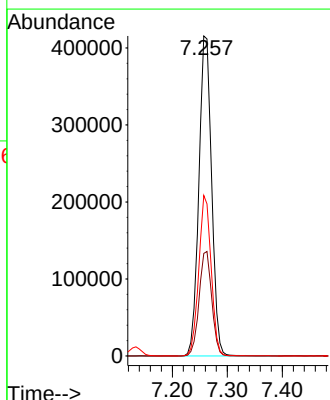
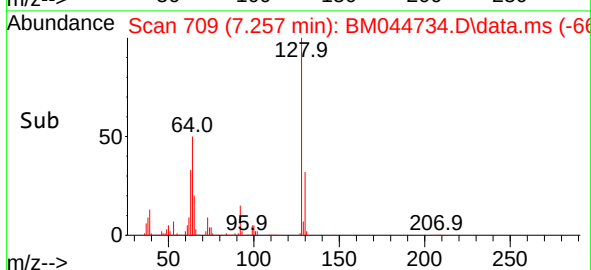
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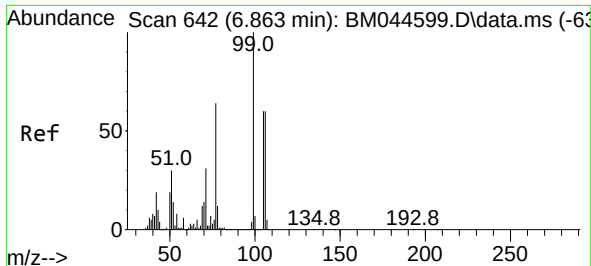


#8
2-Chlorophenol
Concen: 47.808 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



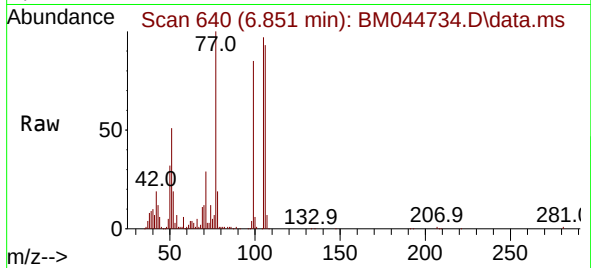
Tgt Ion:128 Resp: 669924
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 50.2 29.4 69.4





#9
Benzaldehyde
Concen: 19.391 ng
RT: 6.851 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

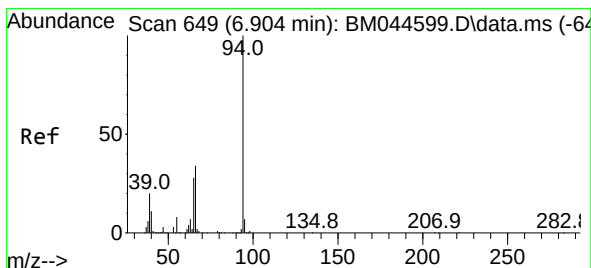
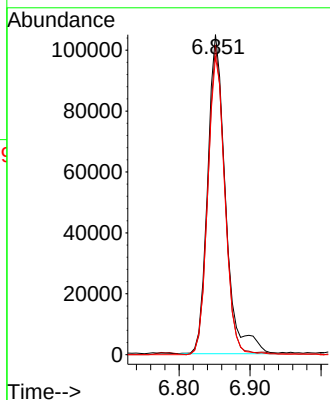
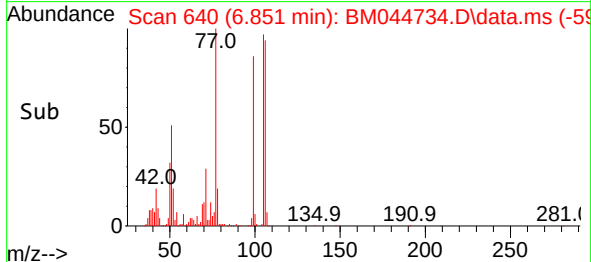
Instrument :
BNA_M
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Tgt Ion: 77 Resp: 183815
Ion Ratio Lower Upper
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105 96.8 74.4 114.4
106 93.1 74.1 114.1

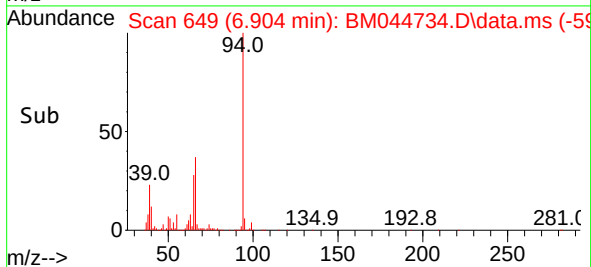
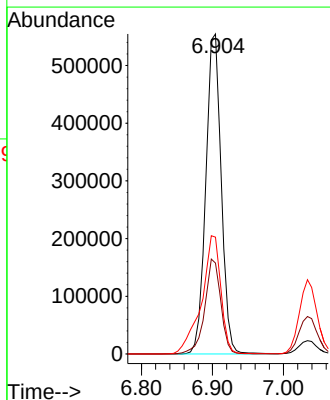
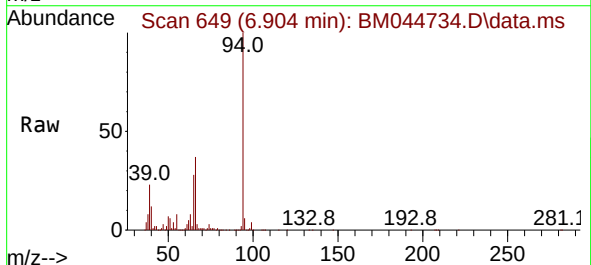
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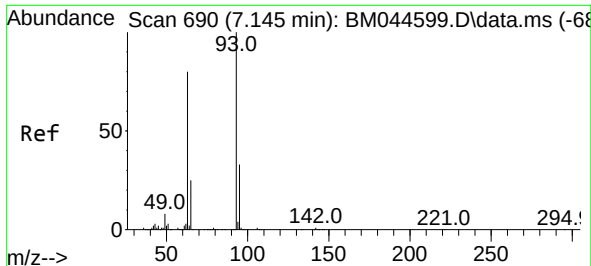
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#10
Phenol
Concen: 46.453 ng
RT: 6.904 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion: 94 Resp: 839679
Ion Ratio Lower Upper
94 100
65 28.4 7.9 47.9
66 36.5 14.7 54.7





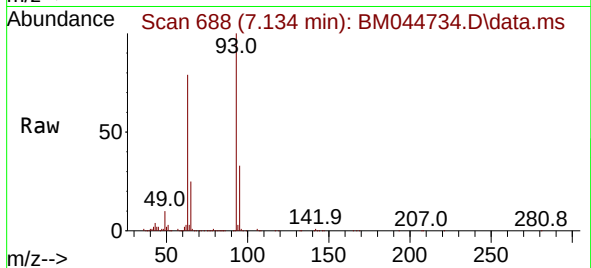
#11
bis(2-Chloroethyl)ether
Concen: 45.139 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD



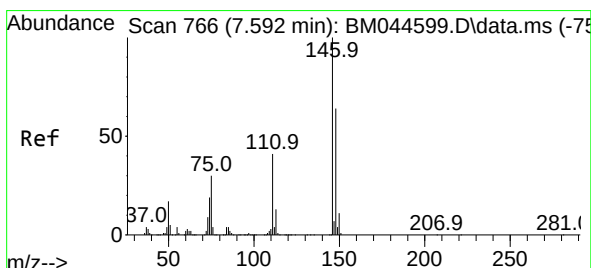
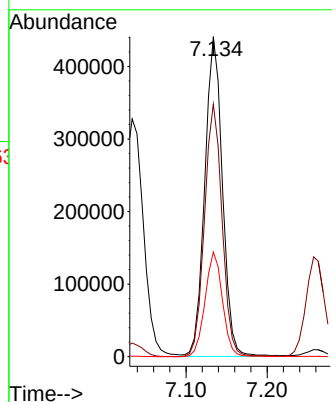
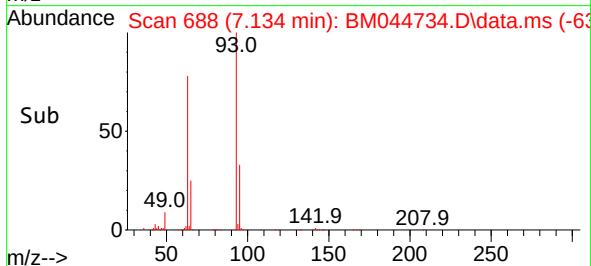
Tgt Ion: 93 Resp: 666179
Ion Ratio Lower Upper
93 100
63 78.9 59.8 99.8
95 32.7 12.5 52.5

Manual Integrations

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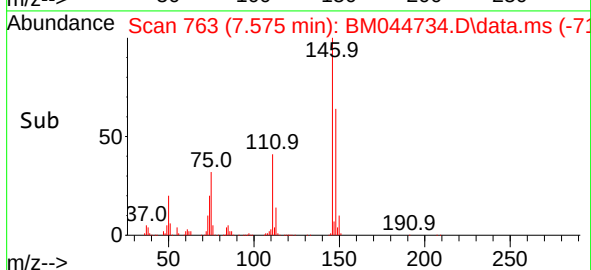
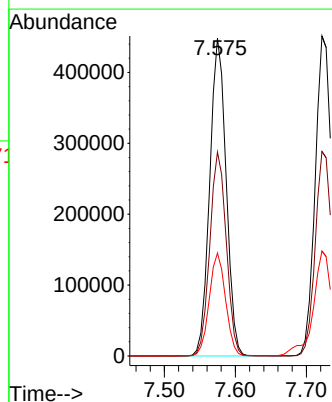
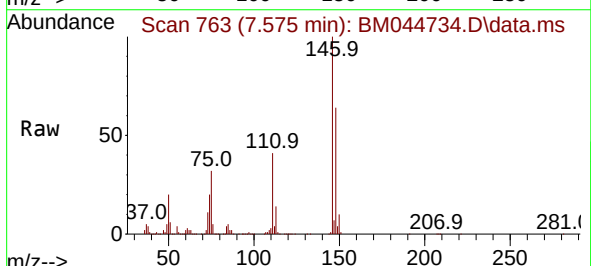
Reviewed By :Yogesh Patel 03/26/2024

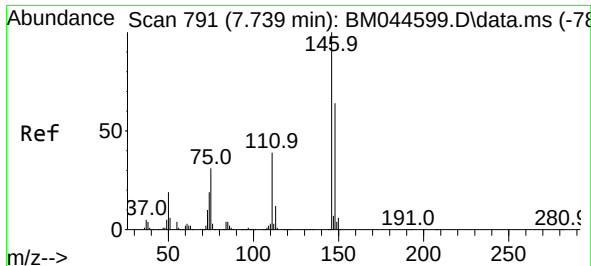
Supervised By :mohammad ahmed 03/26/2024



#12
1,3-Dichlorobenzene
Concen: 47.778 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion:146 Resp: 719885
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 32.4 24.1 36.1





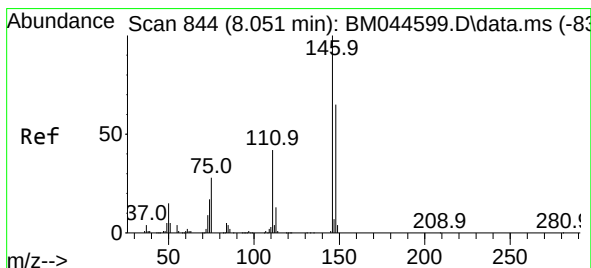
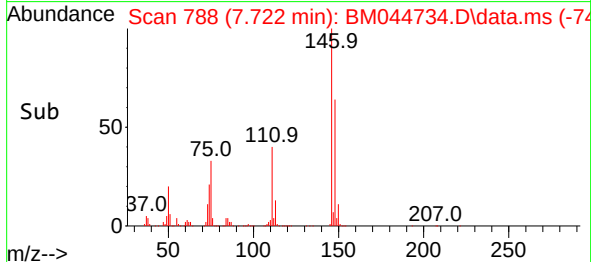
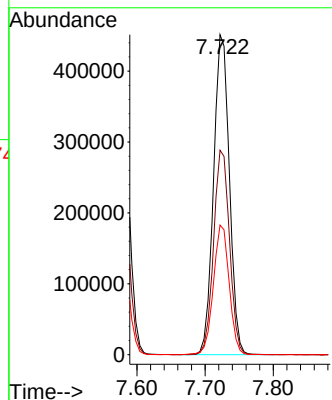
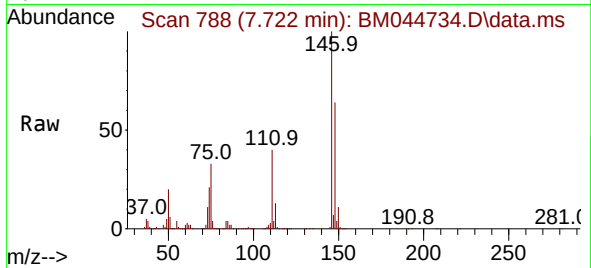
#13
1,4-Dichlorobenzene
Concen: 48.107 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Instrument :
BNA_M
ClientSampleId :
PB159652BSD

Tgt Ion:146 Resp: 73053
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 40.5 31.4 47.2

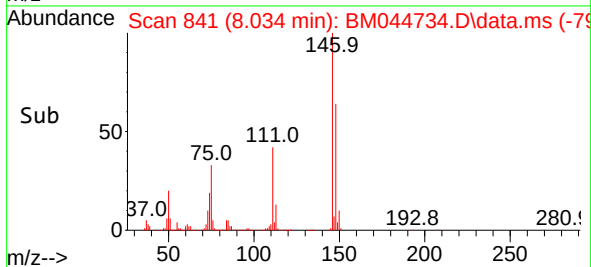
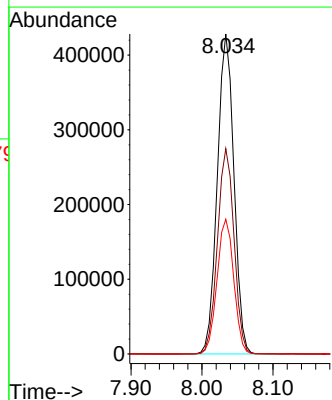
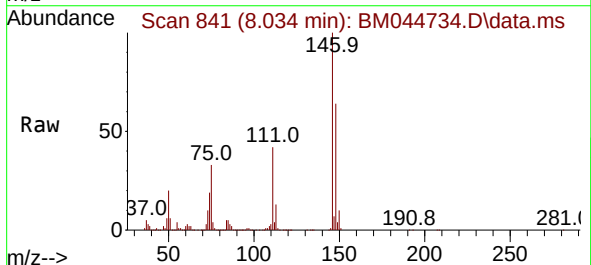
Manual Integrations
APPROVED

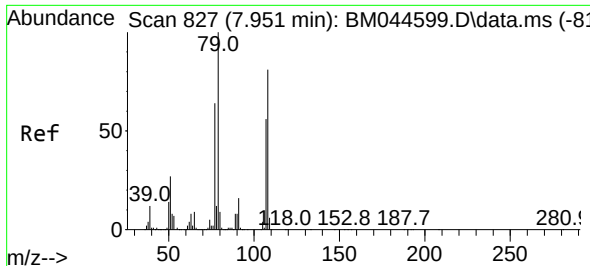
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#14
1,2-Dichlorobenzene
Concen: 47.907 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

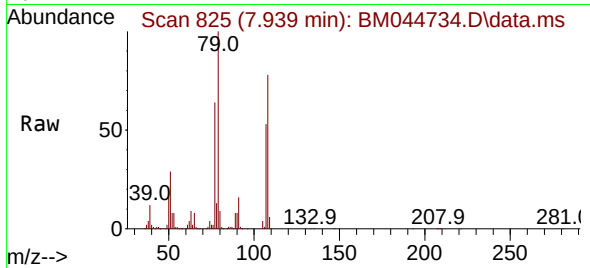
Tgt Ion:146 Resp: 693779
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.1 33.4 50.2





#15
Benzyl Alcohol
Concen: 47.522 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

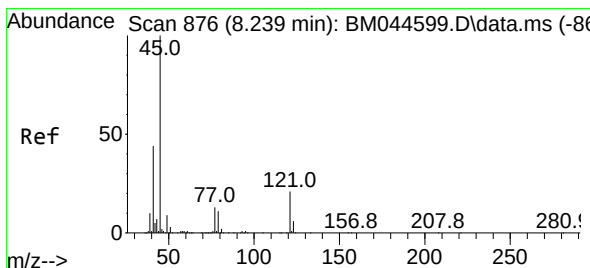
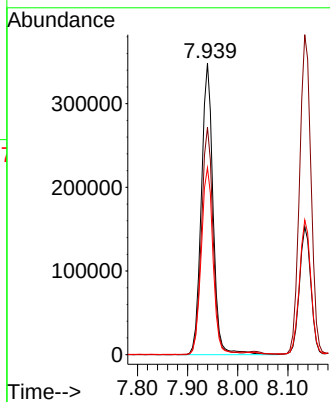
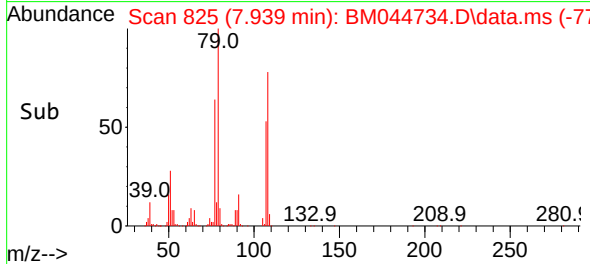
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



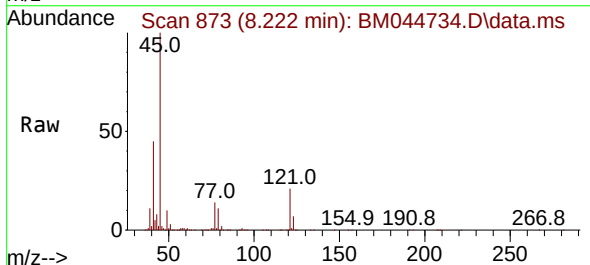
Tgt Ion: 79 Resp: 565479
Ion Ratio Lower Upper
79 100
108 77.9 65.0 97.6
77 64.1 51.7 77.5

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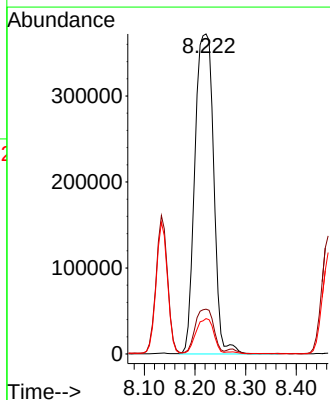
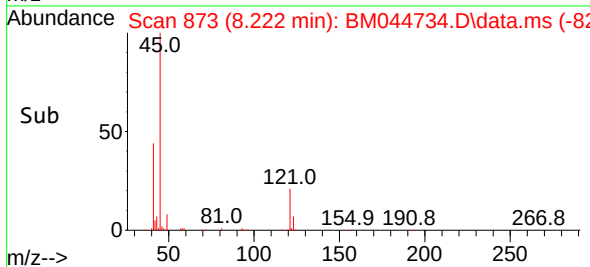
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

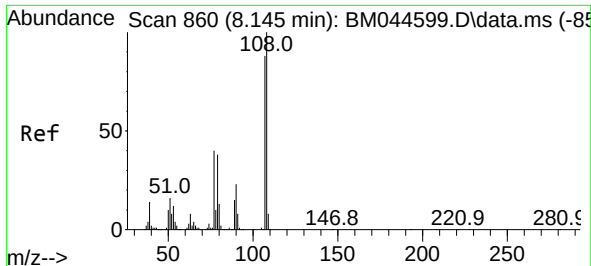


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.750 ng m
RT: 8.222 min Scan# 873
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



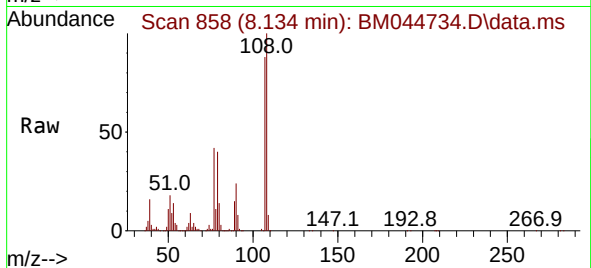
Tgt Ion: 45 Resp: 956583
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.7
79 11.0 0.0 31.2





#17
2-Methylphenol
Concen: 43.829 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

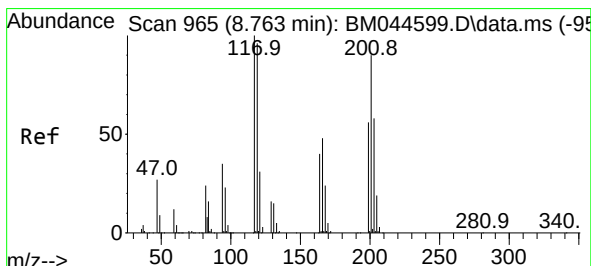
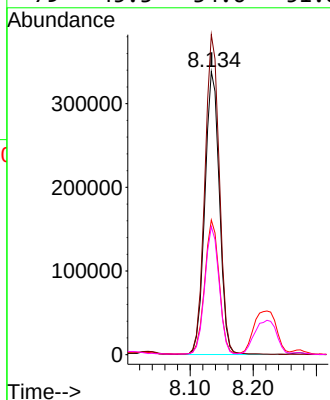
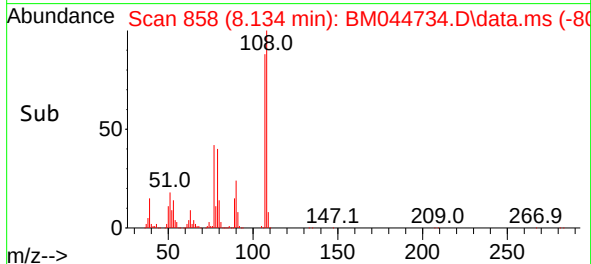
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:107 Resp: 540302
Ion Ratio Lower Upper
107 100
108 113.1 90.7 136.1
77 47.6 36.2 54.2
79 45.3 34.6 51.8

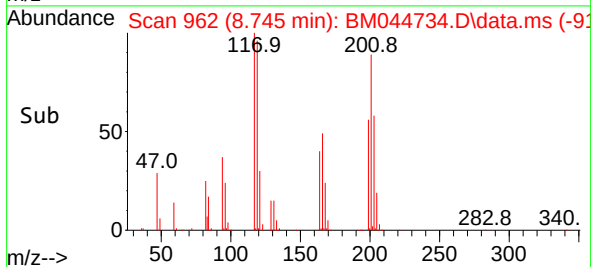
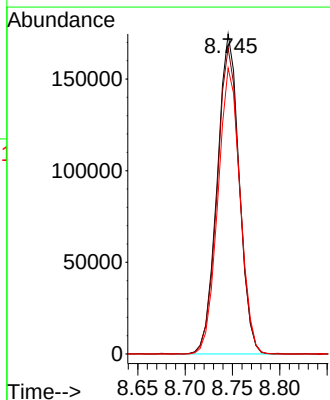
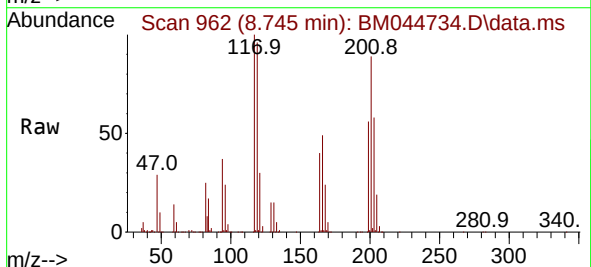
Manual Integrations
APPROVED

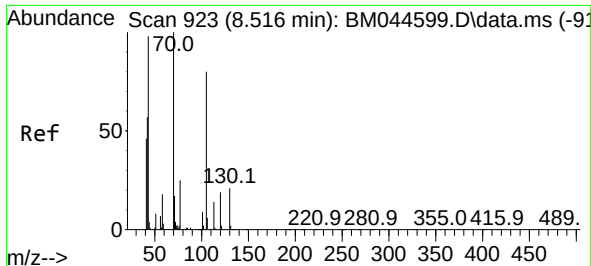
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#18
Hexachloroethane
Concen: 50.291 ng
RT: 8.745 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

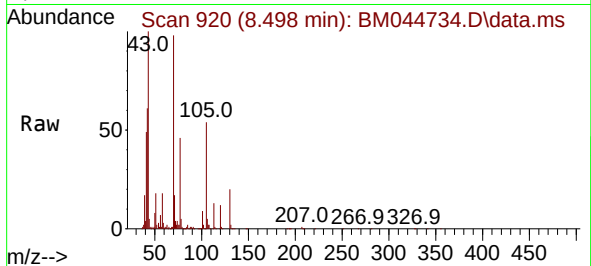
Tgt Ion:117 Resp: 282329
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2
201 89.3 72.3 108.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.362 ng
RT: 8.498 min Scan# 914
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

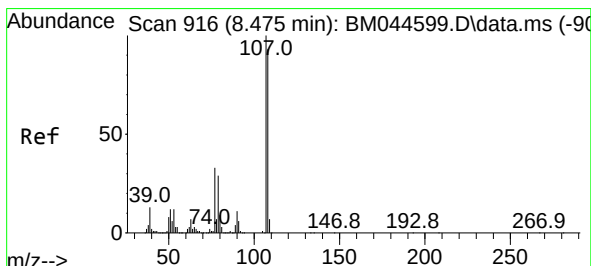
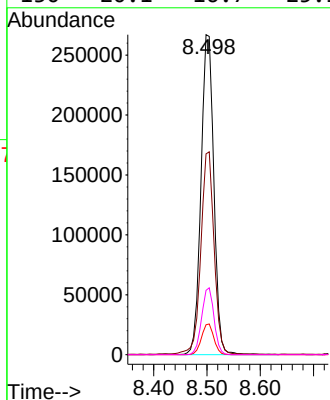
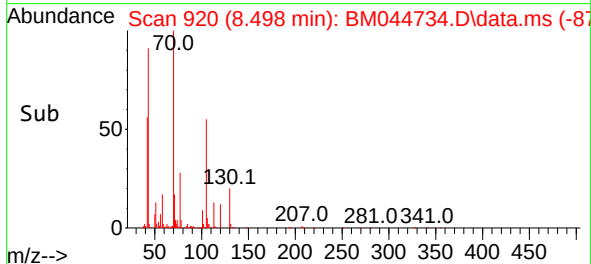
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion: 70 Resp: 44613
Ion Ratio Lower Upper
70 100
42 62.8 46.6 69.8
101 9.3 7.6 11.4
130 20.1 16.7 25.1

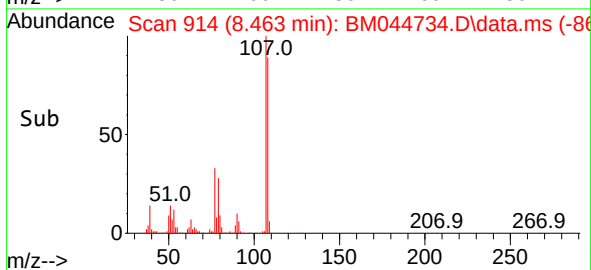
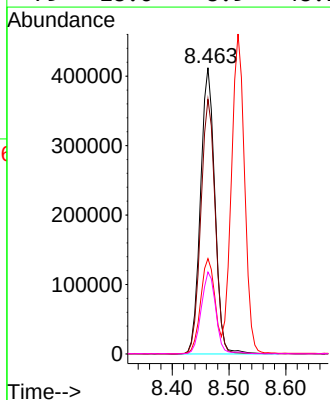
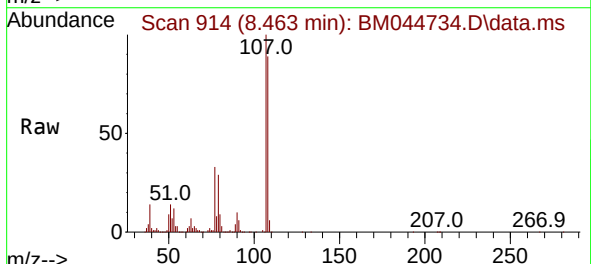
Manual Integrations
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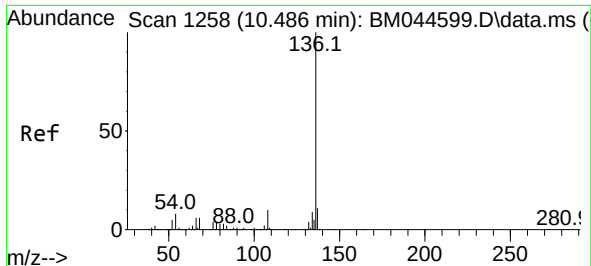
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#20
3+4-Methylphenols
Concen: 43.586 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

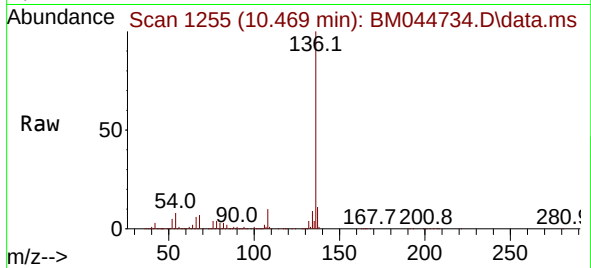
Tgt Ion:107 Resp: 725104
Ion Ratio Lower Upper
107 100
108 89.0 72.7 112.7
77 33.3 13.3 53.3
79 28.6 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

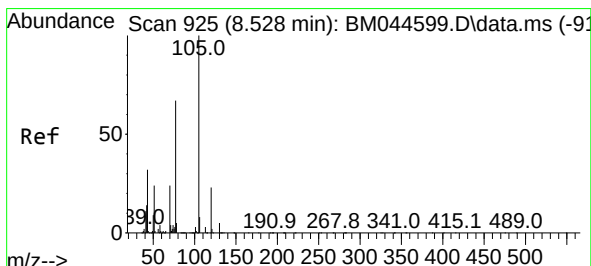
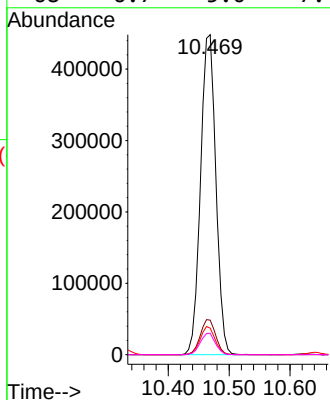
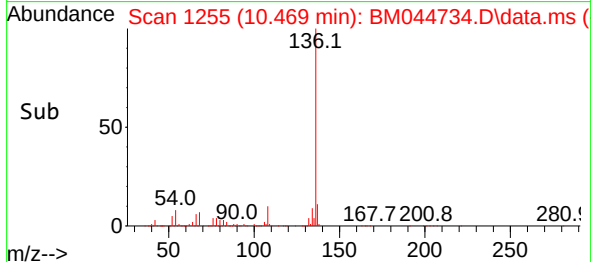
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:136 Resp: 782980
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.3 6.6 10.0
68 6.7 5.0 7.4

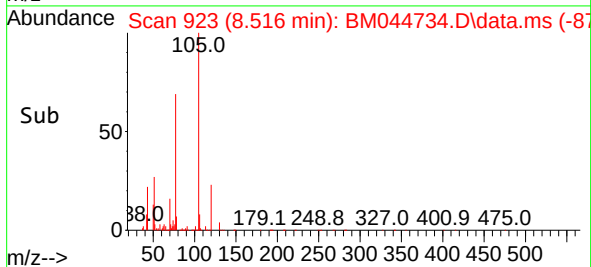
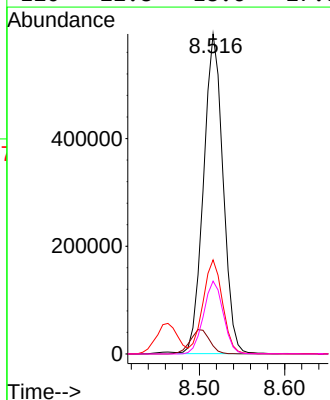
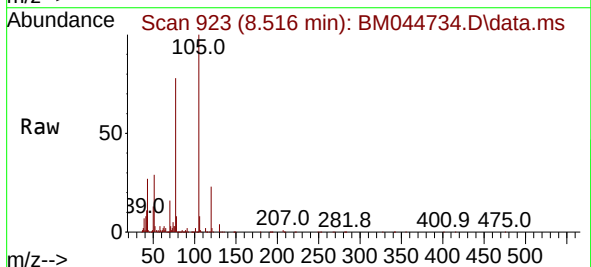
Manual Integrations
APPROVED

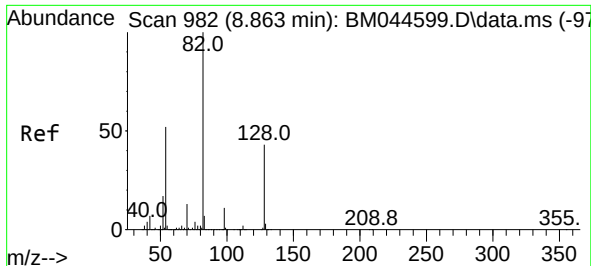
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#22
Acetophenone
Concen: 45.857 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion:105 Resp: 943289
Ion Ratio Lower Upper
105 100
71 2.6 3.4 5.2#
51 29.4 22.2 33.4
120 22.8 18.6 27.8





#23

Nitrobenzene-d5

Concen: 88.808 ng

RT: 8.851 min Scan# 980

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

Tgt Ion: 82 Resp: 1443370

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

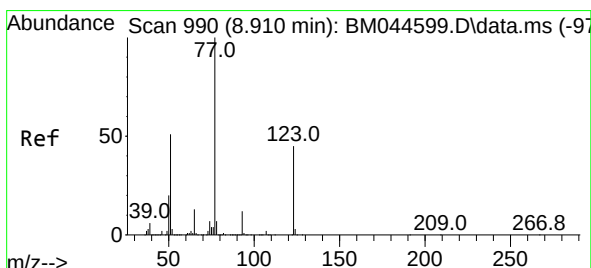
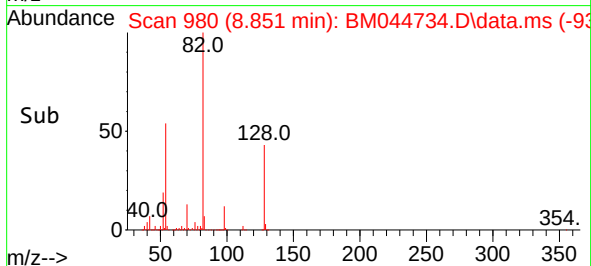
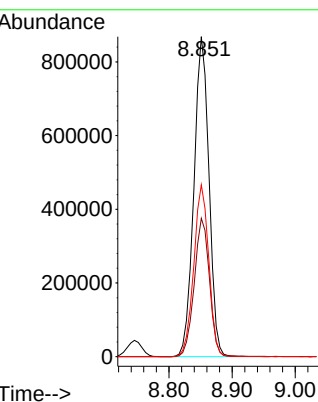
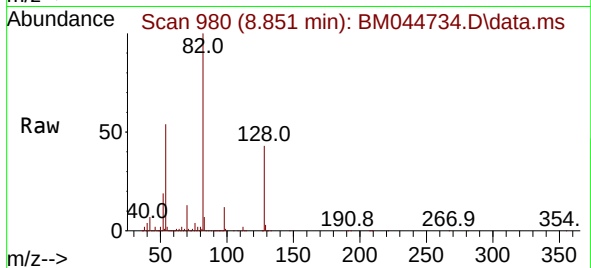
54 53.7 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#24

Nitrobenzene

Concen: 45.154 ng

RT: 8.892 min Scan# 987

Delta R.T. -0.018 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

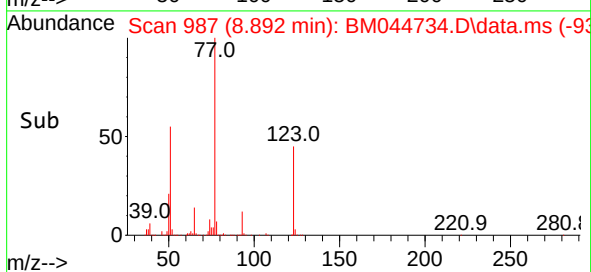
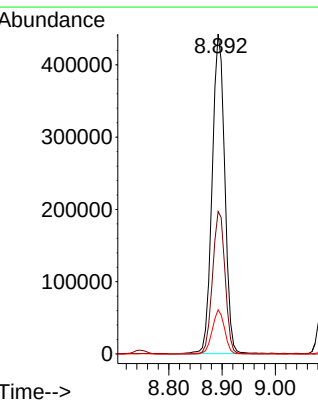
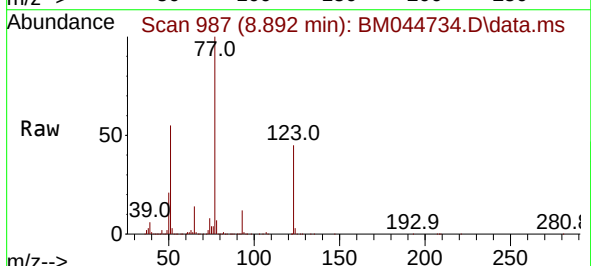
Tgt Ion: 77 Resp: 725437

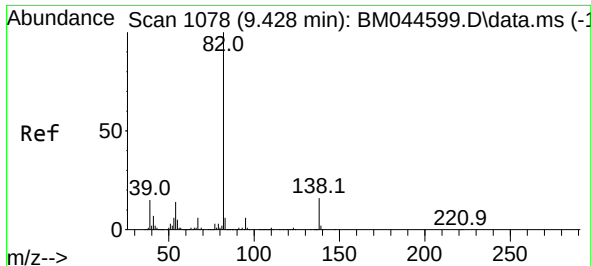
Ion Ratio Lower Upper

77 100

123 44.5 35.9 53.9

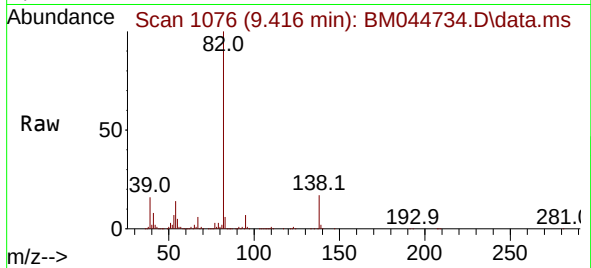
65 13.8 10.7 16.1





#25
Isophorone
Concen: 46.601 ng
RT: 9.416 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

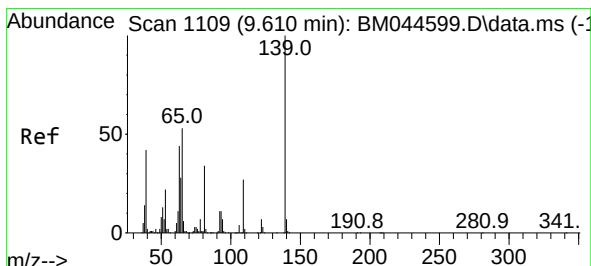
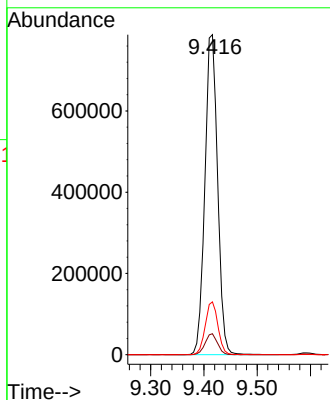
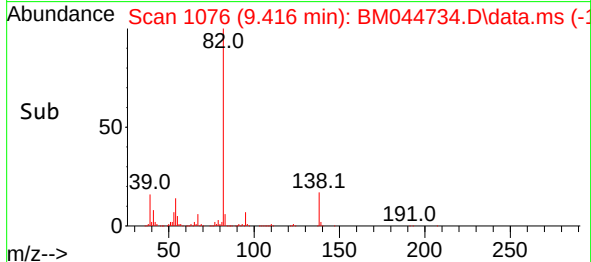
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion: 82 Resp: 1306780
Ion Ratio Lower Upper
82 100
95 6.5 4.9 7.3
138 16.5 12.9 19.3

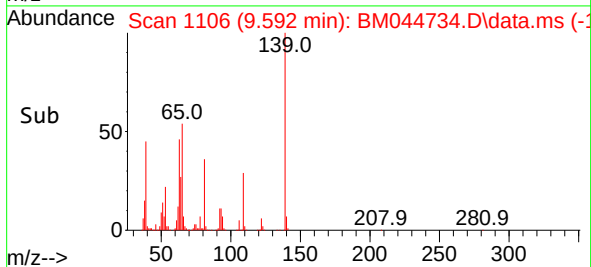
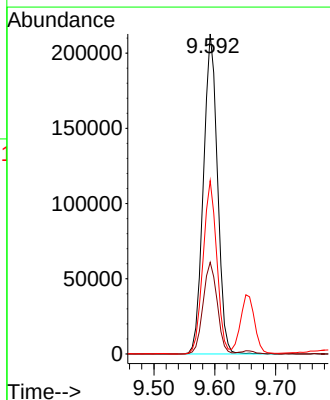
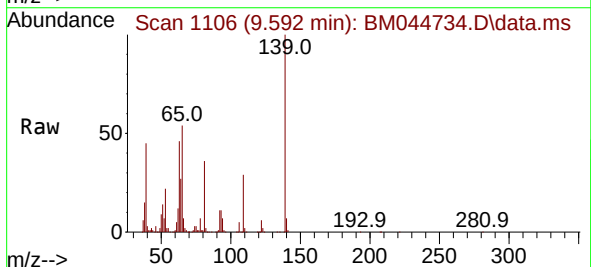
Manual Integrations
APPROVED

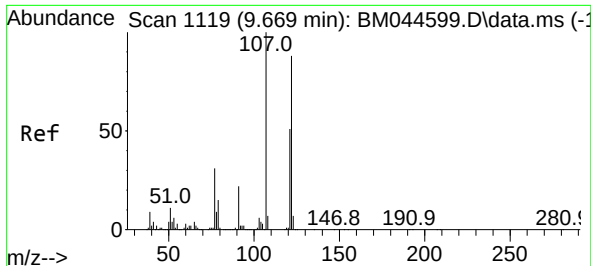
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#26
2-Nitrophenol
Concen: 49.195 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

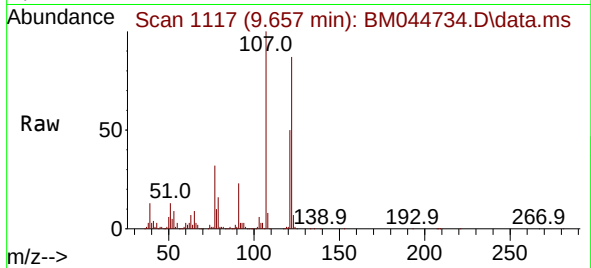
Tgt Ion:139 Resp: 341050
Ion Ratio Lower Upper
139 100
109 28.6 21.2 31.8
65 54.2 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 47.433 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

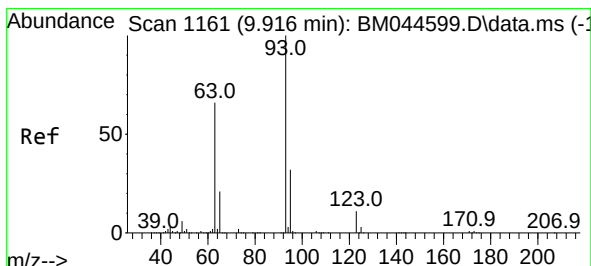
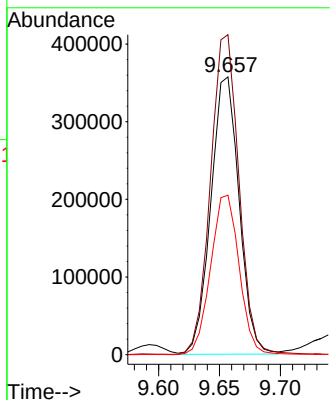
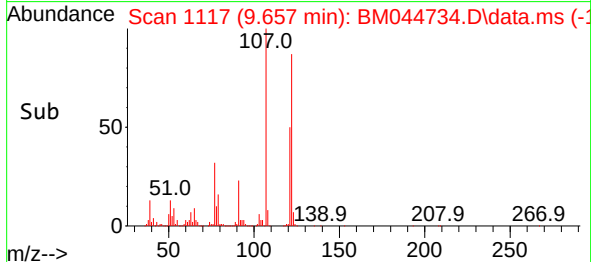
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:122 Resp: 57828
Ion Ratio Lower Upper
122 100
107 115.2 90.5 135.7
121 57.4 46.2 69.4

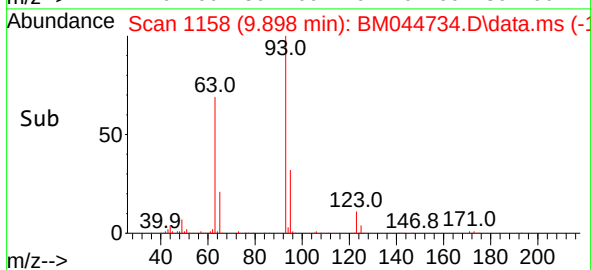
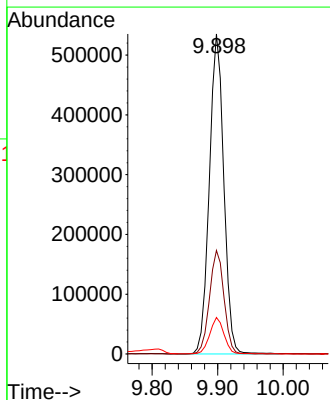
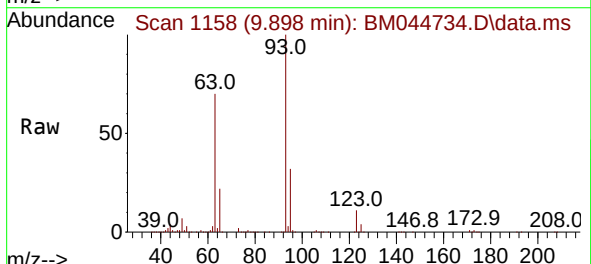
Manual Integrations
APPROVED

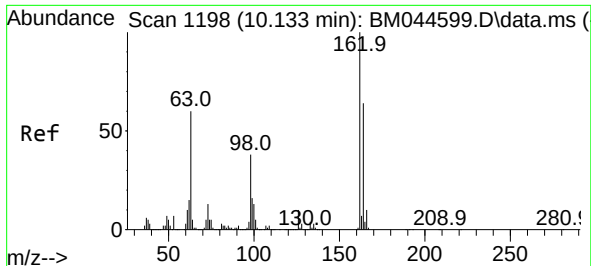
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.058 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion: 93 Resp: 820438
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.612 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BM044734.D

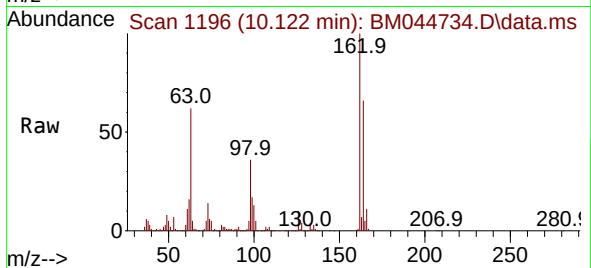
Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD



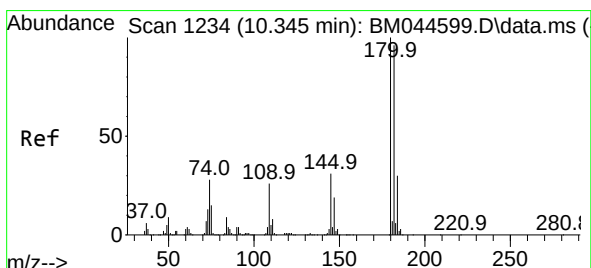
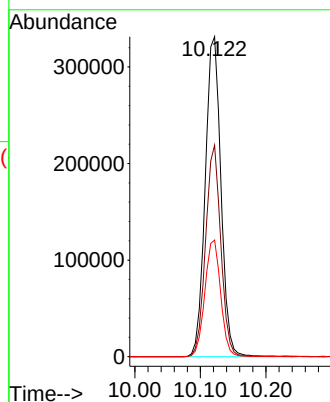
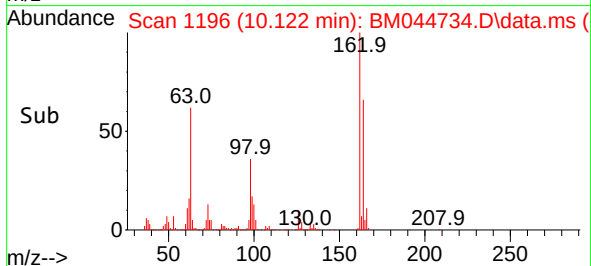
Tgt Ion:	162	Resp:	55322
Ion Ratio	Lower	Upper	
162	100		
164	66.1	44.1	84.1
98	36.4	18.0	58.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.498 ng

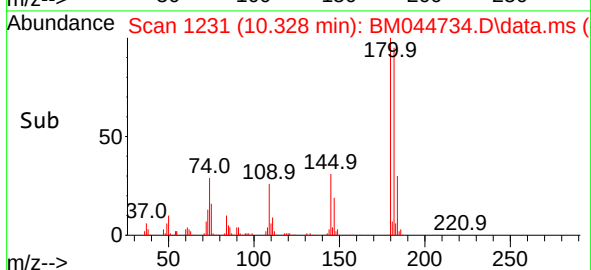
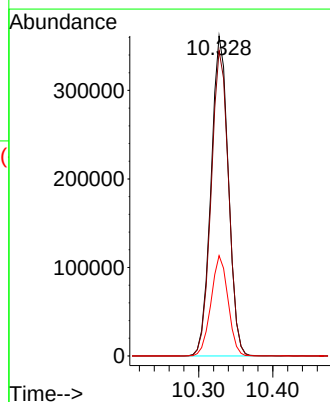
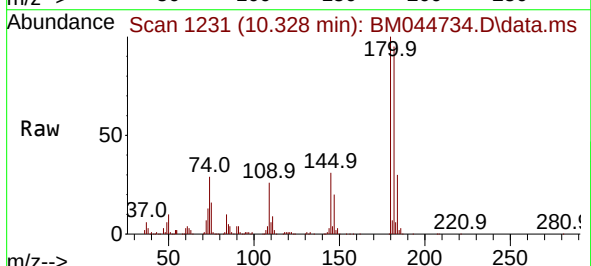
RT: 10.328 min Scan# 1231

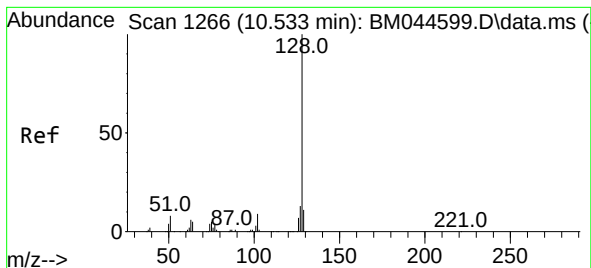
Delta R.T. -0.018 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

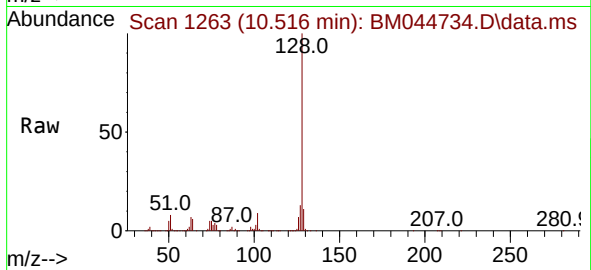
Tgt Ion:	180	Resp:	587133
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.6	115.0
145	31.4	24.6	36.8





#31
Naphthalene
Concen: 44.702 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

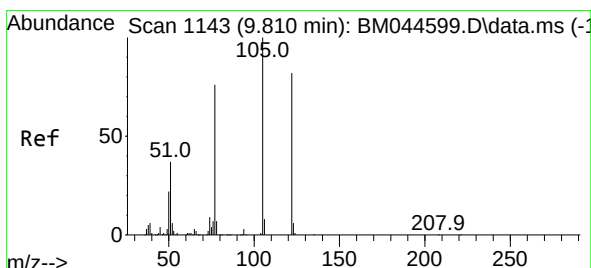
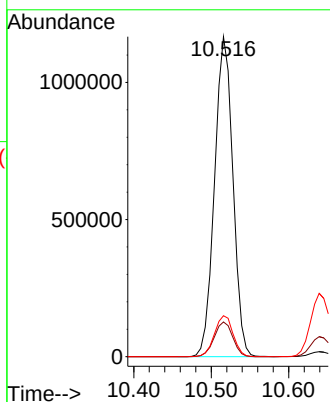
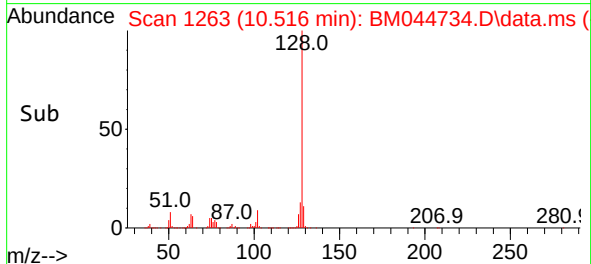
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:128 Resp: 1920894
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.2 15.4

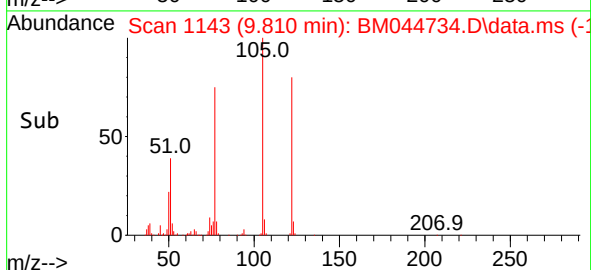
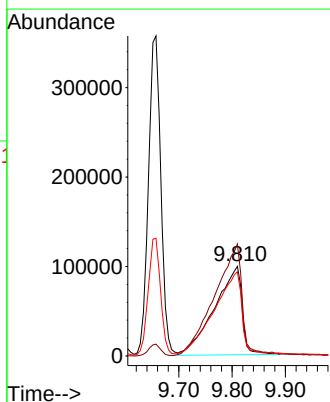
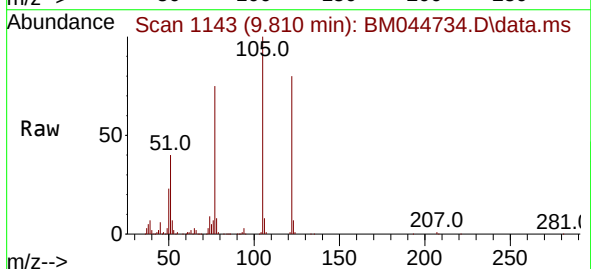
Manual Integrations
APPROVED

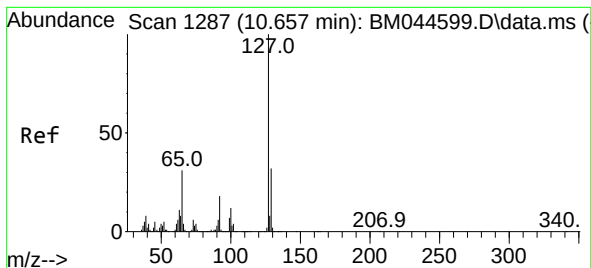
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#32
Benzoic acid
Concen: 37.468 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

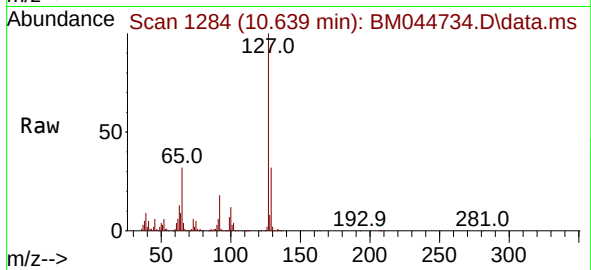
Tgt Ion:122 Resp: 356197
Ion Ratio Lower Upper
122 100
105 124.6 100.0 140.0
77 93.9 72.5 112.5





#33
4-Chloroaniline
Concen: 23.028 ng
RT: 10.639 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

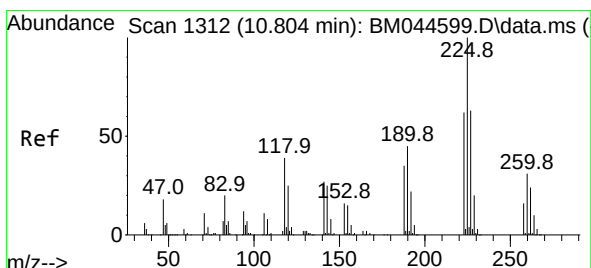
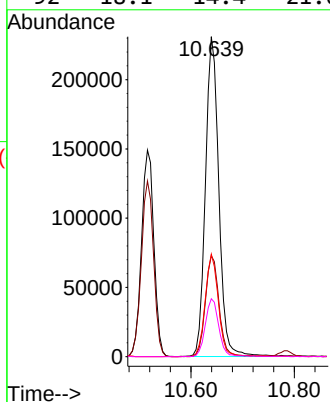
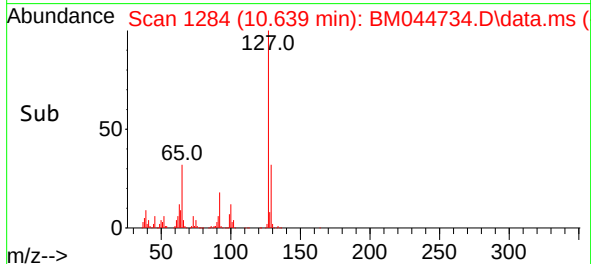
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:127 Resp: 415128
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4
65 32.1 25.1 37.7
92 18.1 14.4 21.6

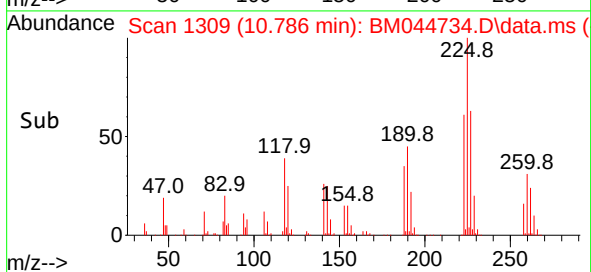
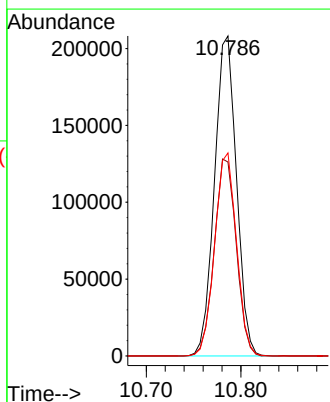
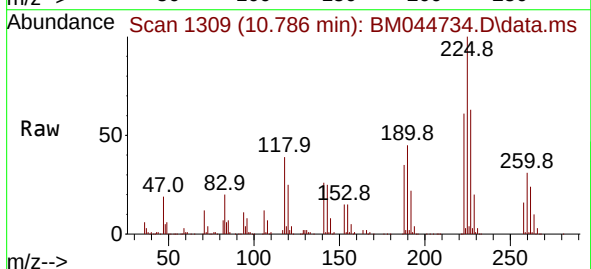
Manual Integrations
APPROVED

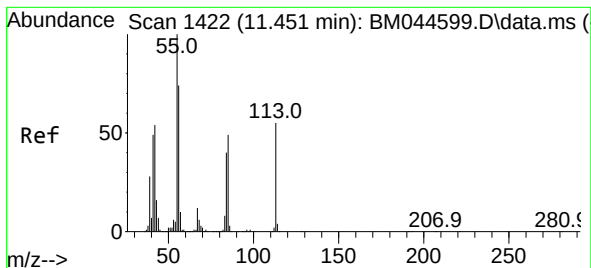
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#34
Hexachlorobutadiene
Concen: 48.783 ng
RT: 10.786 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

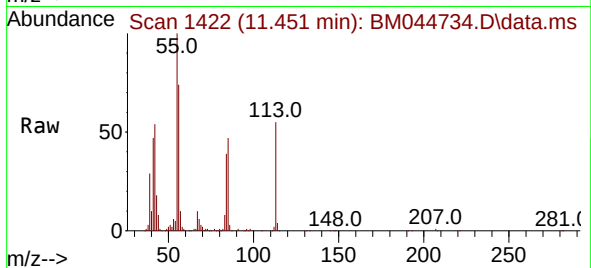
Tgt Ion:225 Resp: 336224
Ion Ratio Lower Upper
225 100
223 60.6 49.9 74.9
227 63.4 50.6 75.8





#35
Caprolactam
Concen: 45.326 ng m
RT: 11.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

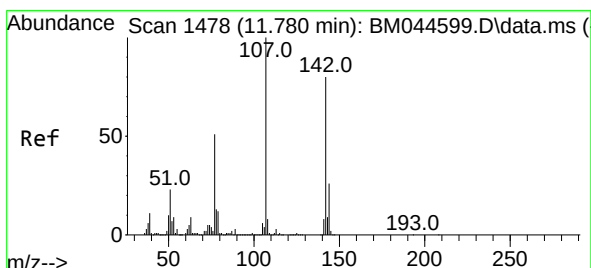
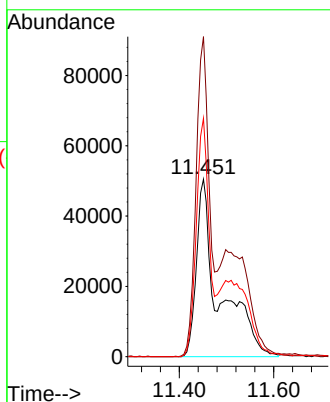
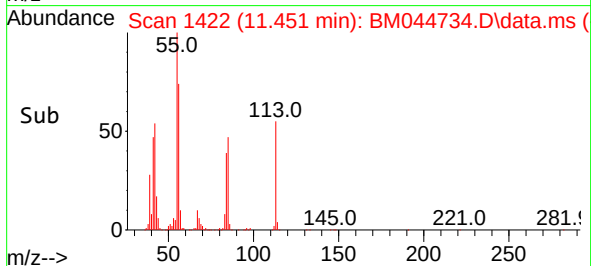
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



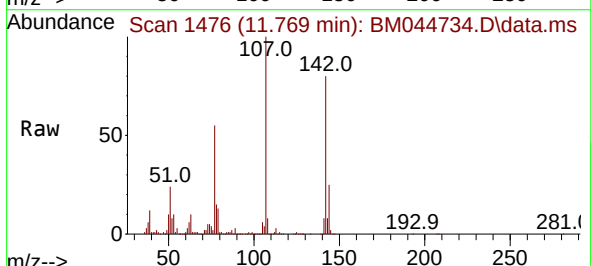
Tgt Ion:113 Resp: 16988
Ion Ratio Lower Upper
113 100
55 180.3 161.1 201.1
56 134.3 113.2 153.2

Manual Integrations
APPROVED

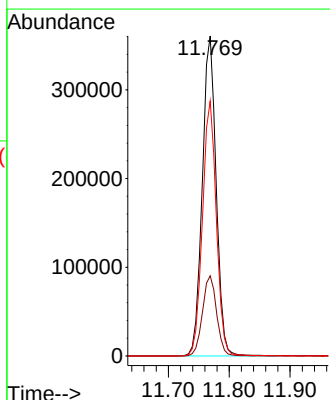
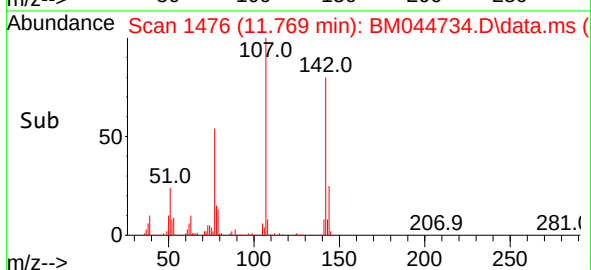
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

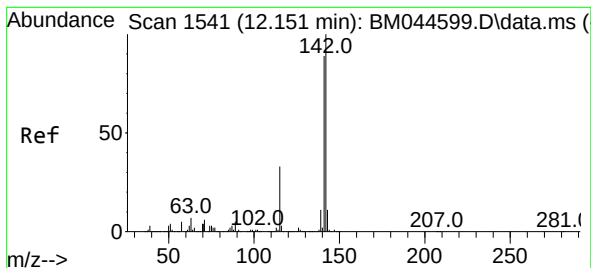


#36
4-Chloro-3-methylphenol
Concen: 44.764 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



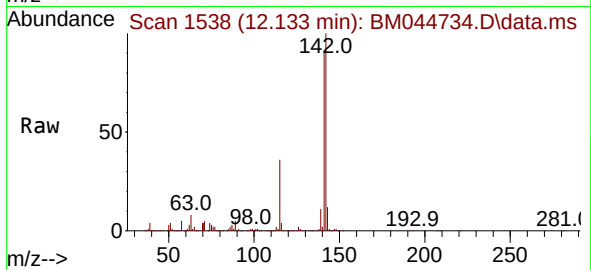
Tgt Ion:107 Resp: 570760
Ion Ratio Lower Upper
107 100
144 25.0 20.8 31.2
142 79.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 41.965 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

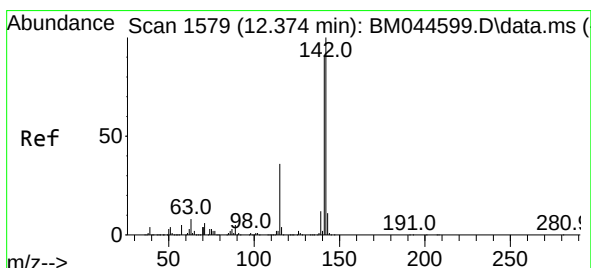
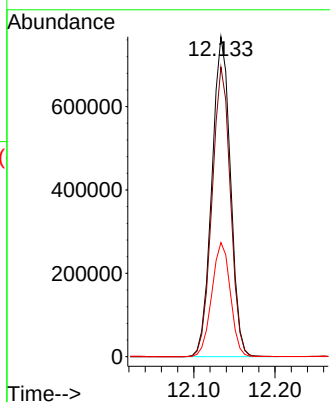
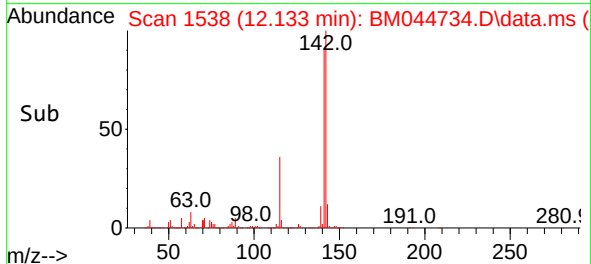
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



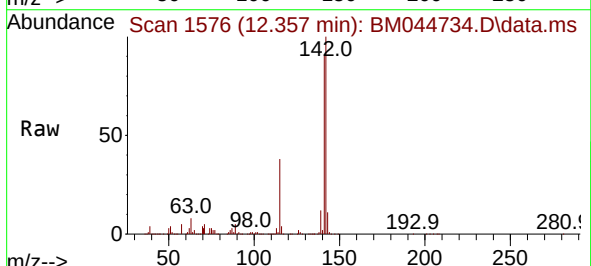
Tgt Ion:142 Resp: 122393
Ion Ratio Lower Upper
142 100
141 90.6 71.0 106.6
115 35.7 26.6 40.0

Manual Integrations
APPROVED

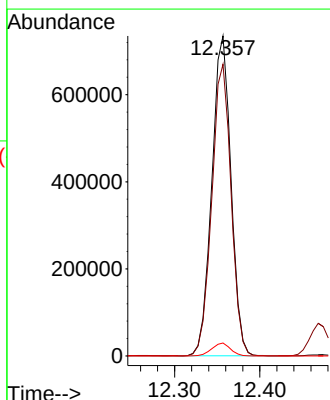
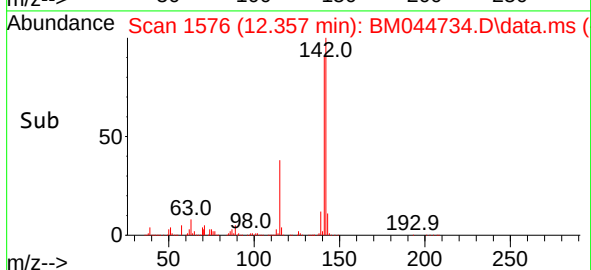
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

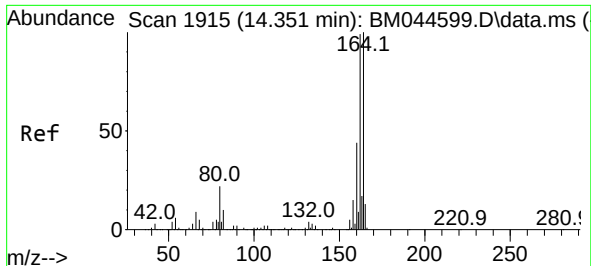


#38
1-Methylnaphthalene
Concen: 42.151 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



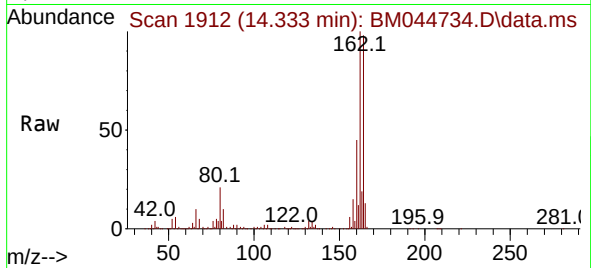
Tgt Ion:142 Resp: 1145747
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 4.0 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

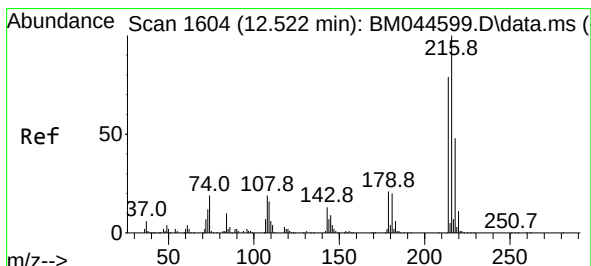
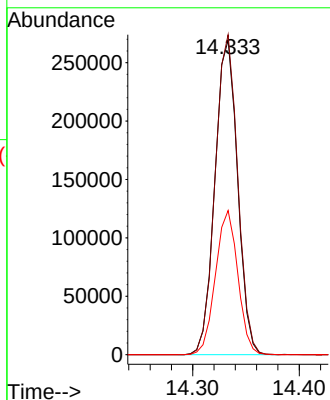
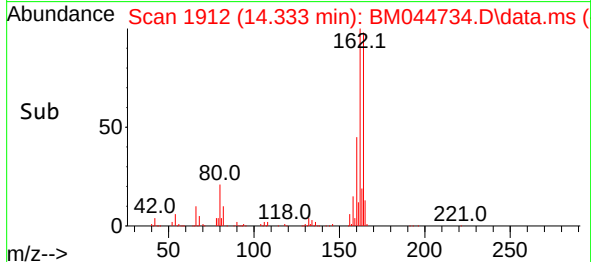
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



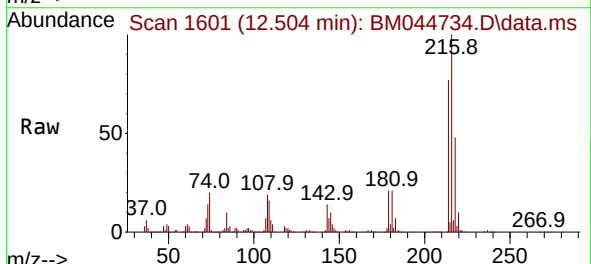
Tgt Ion:164 Resp: 39714
Ion Ratio Lower Upper
164 100
162 101.7 79.3 118.9
160 45.8 35.2 52.8

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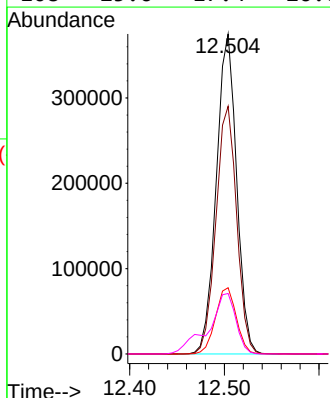
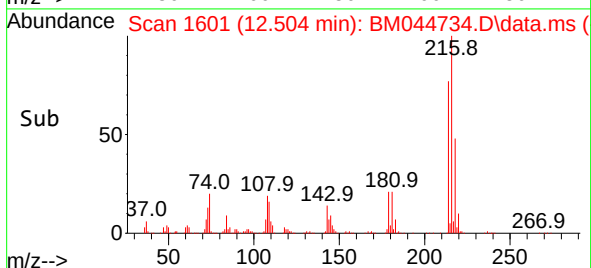
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

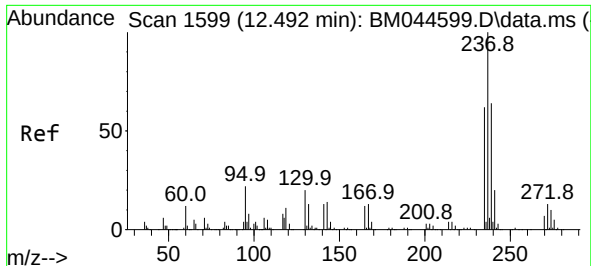


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.584 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



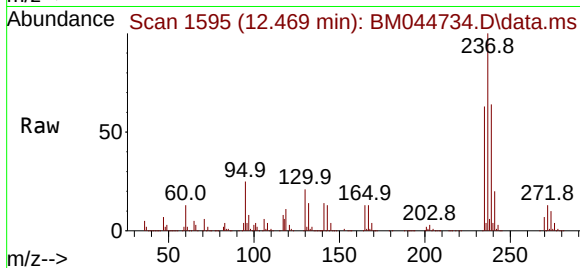
Tgt Ion:216 Resp: 558820
Ion Ratio Lower Upper
216 100
214 78.9 62.9 94.3
179 21.3 16.9 25.3
108 25.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 130.330 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.024 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

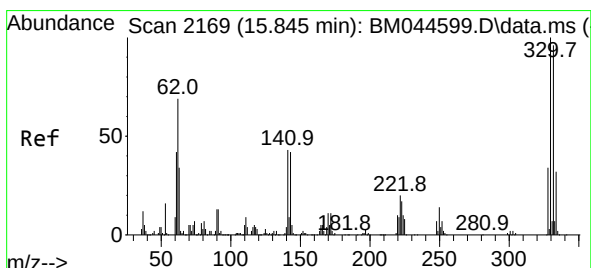
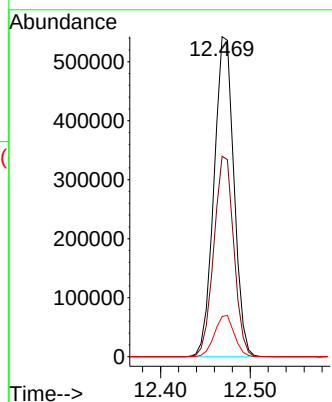
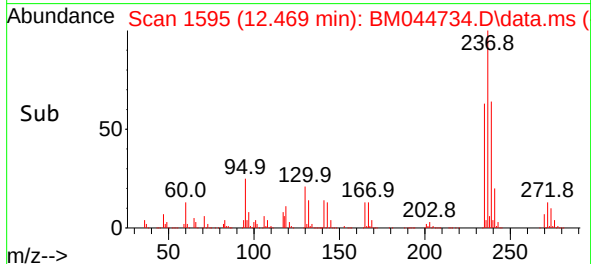
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



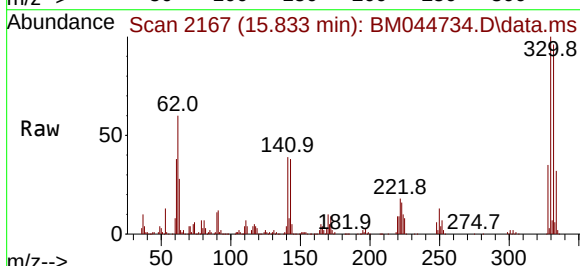
Tgt Ion:237 Resp: 836778
Ion Ratio Lower Upper
237 100
235 62.6 42.1 82.1
272 12.5 0.0 33.1

Manual Integrations
APPROVED

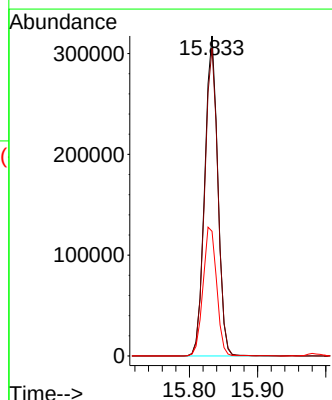
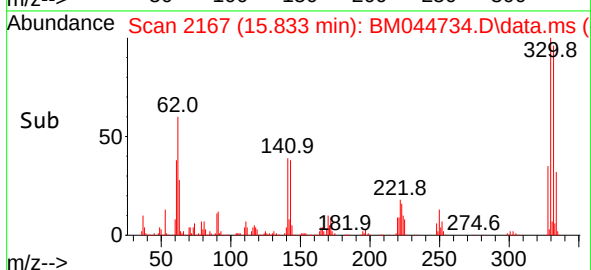
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

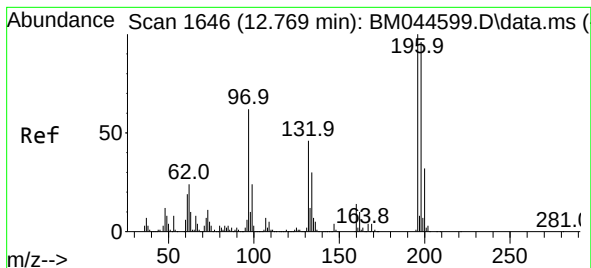


#42
2,4,6-Tribromophenol
Concen: 96.760 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



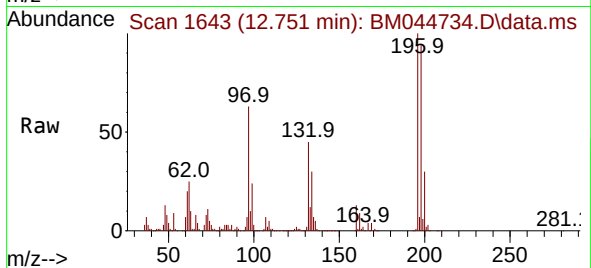
Tgt Ion:330 Resp: 423848
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 42.0 33.4 50.0





#43
2,4,6-Trichlorophenol
Concen: 51.259 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

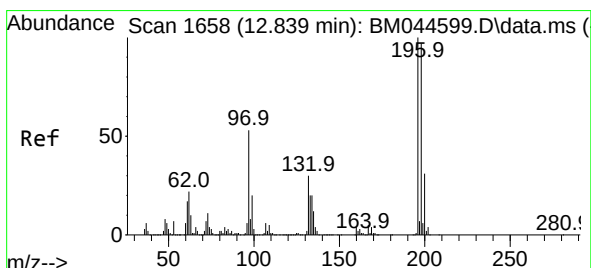
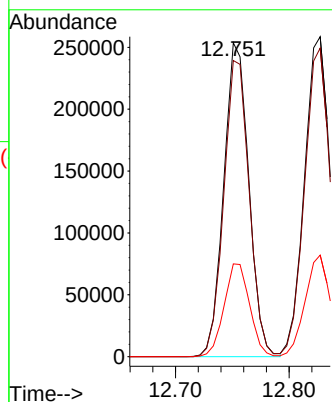
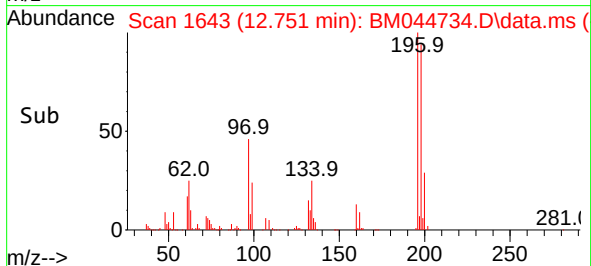
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



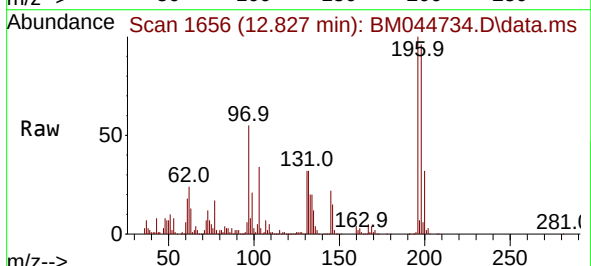
Tgt Ion:196 Resp: 39008
Ion Ratio Lower Upper
196 100
198 94.4 76.9 115.3
200 29.6 25.4 38.0

Manual Integrations
APPROVED

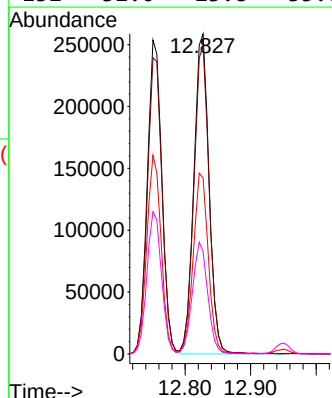
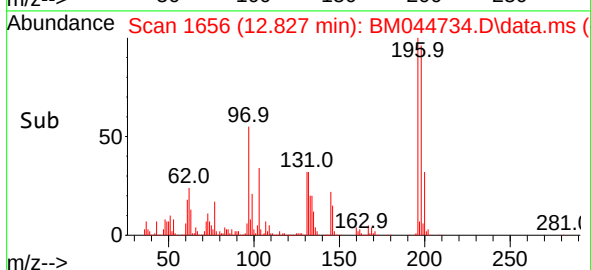
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

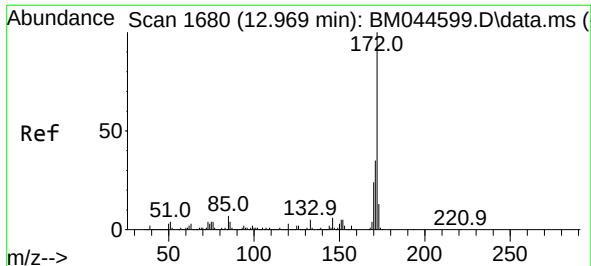


#44
2,4,5-Trichlorophenol
Concen: 46.252 ng
RT: 12.827 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



Tgt Ion:196 Resp: 417061
Ion Ratio Lower Upper
196 100
198 96.5 77.7 116.5
97 55.0 42.8 64.2
132 32.0 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 91.993 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

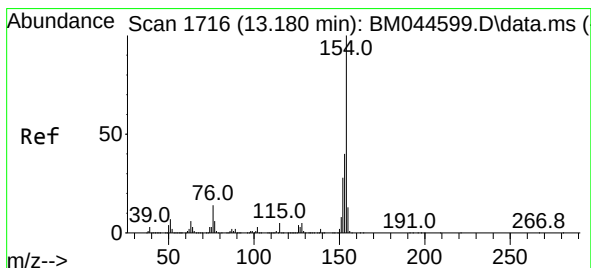
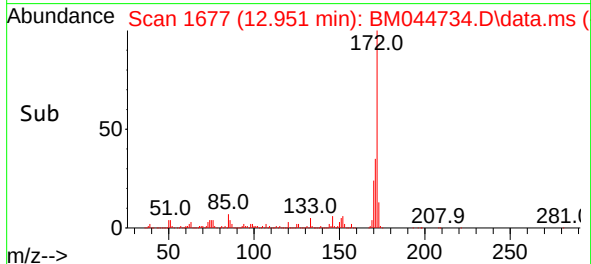
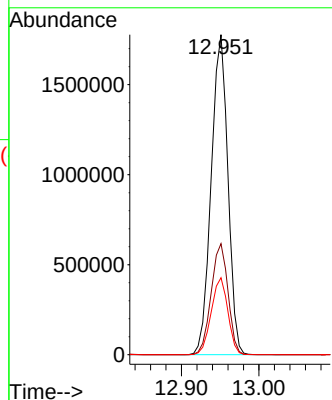
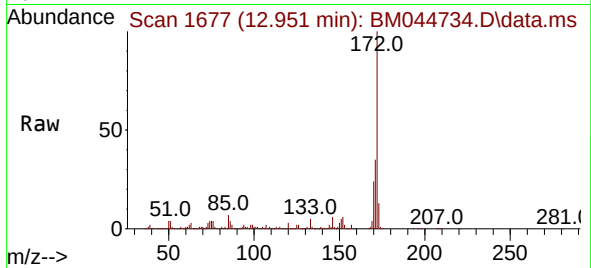
Tgt Ion:172 Resp: 265280
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 24.0 19.0 28.6

Manual Integrations

APPROVED

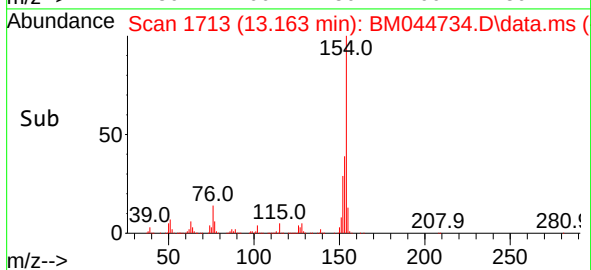
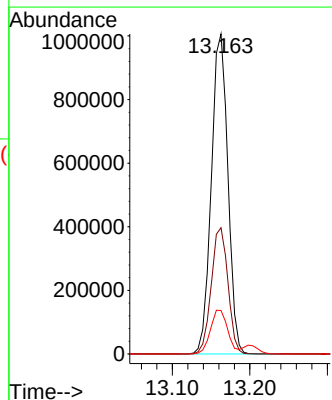
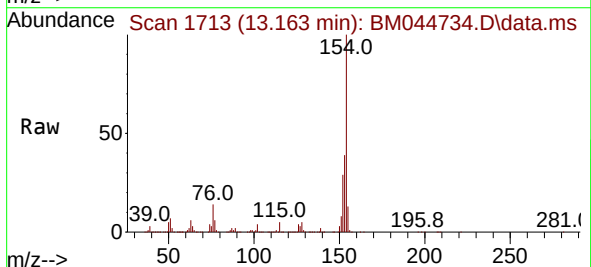
Reviewed By :Yogesh Patel 03/26/2024

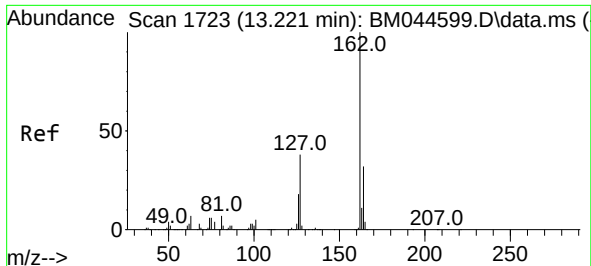
Supervised By :mohammad ahmed 03/26/2024



#46
1,1'-Biphenyl
Concen: 47.958 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

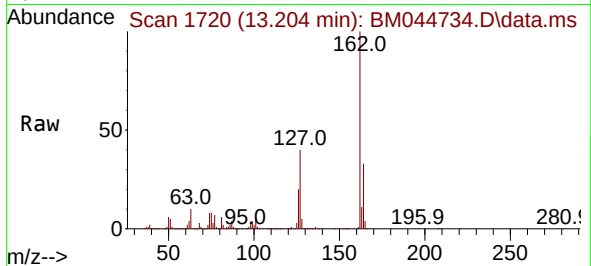
Tgt Ion:154 Resp: 1489636
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 13.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 49.785 ng
RT: 13.204 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

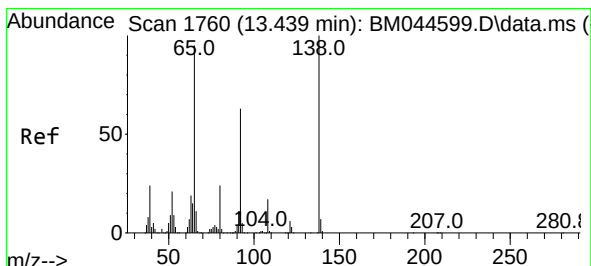
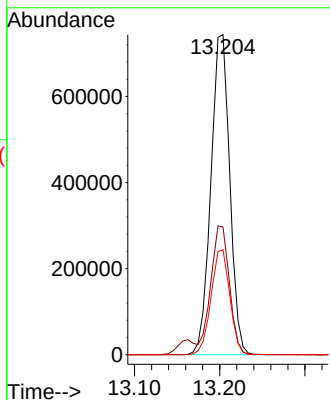
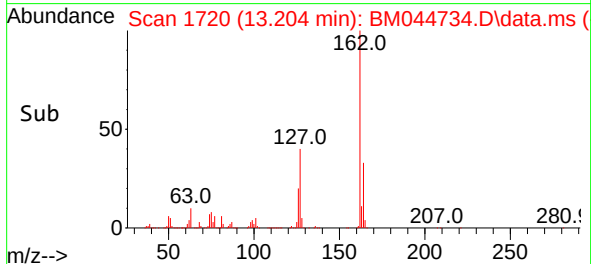
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



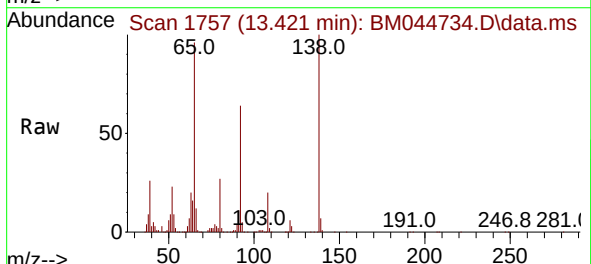
Tgt Ion:162 Resp: 1143519
Ion Ratio Lower Upper
162 100
127 39.9 31.4 47.0
164 32.8 25.8 38.8

Manual Integrations
APPROVED

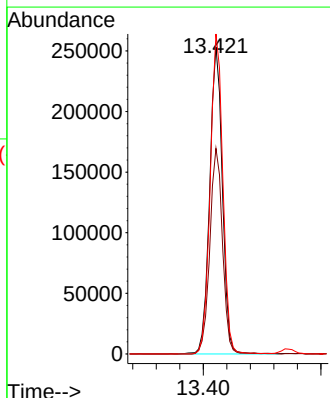
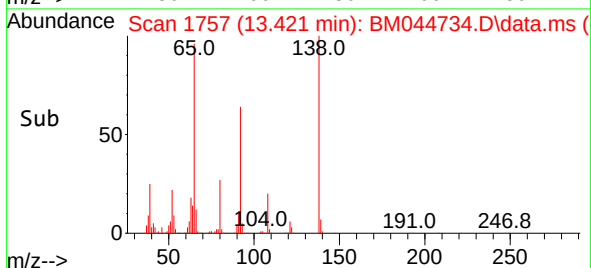
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

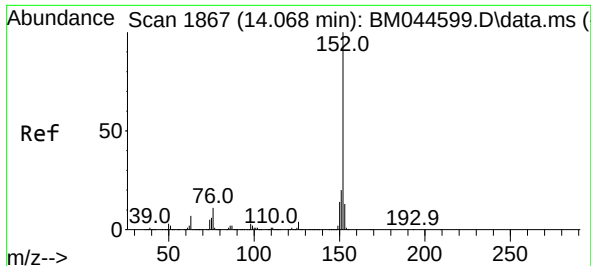


#48
2-Nitroaniline
Concen: 48.621 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



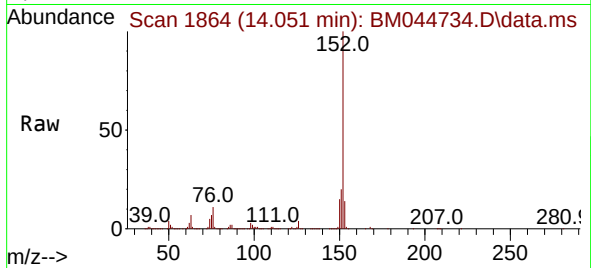
Tgt Ion: 65 Resp: 378926
Ion Ratio Lower Upper
65 100
92 66.9 53.3 79.9
138 104.2 84.3 126.5





#49
Acenaphthylene
Concen: 47.990 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

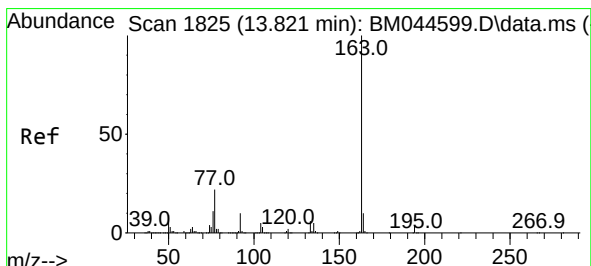
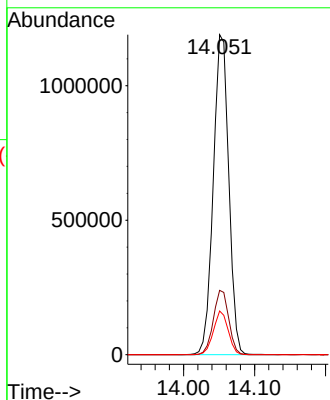
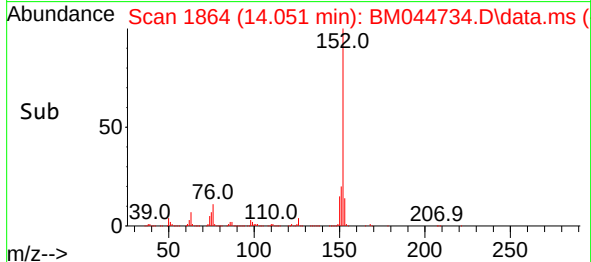
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



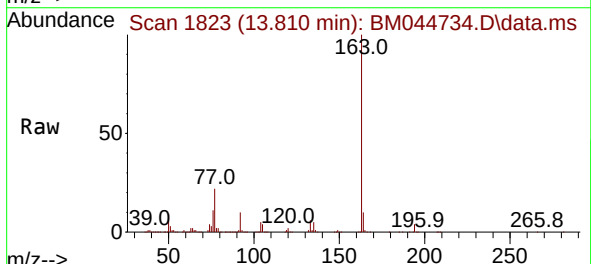
Tgt Ion:152 Resp: 1795654
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.6 10.6 15.8

Manual Integrations
APPROVED

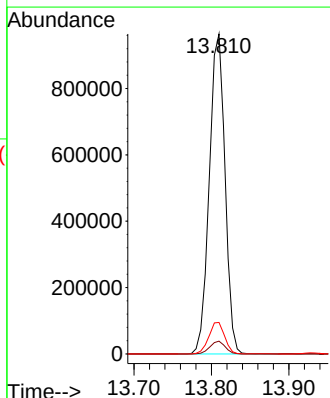
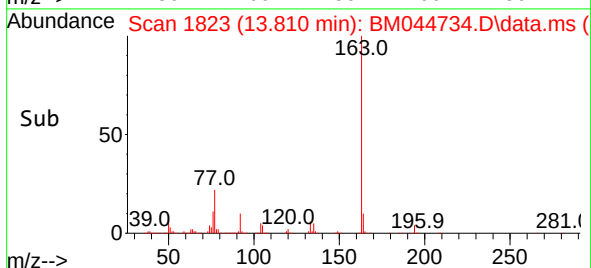
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

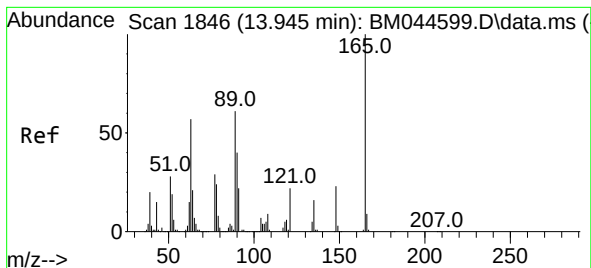


#50
Dimethylphthalate
Concen: 45.696 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.011 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



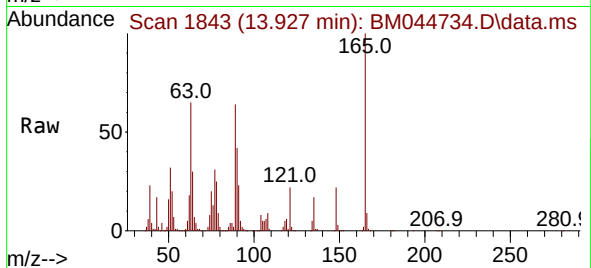
Tgt Ion:163 Resp: 1357431
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 47.685 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

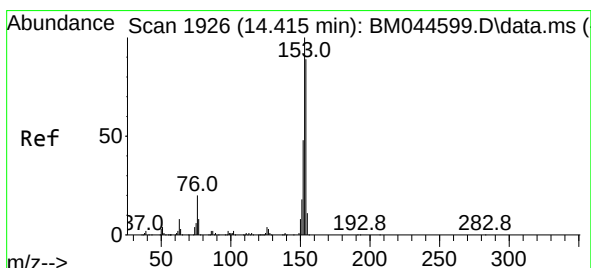
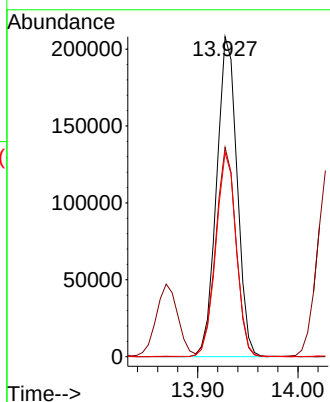
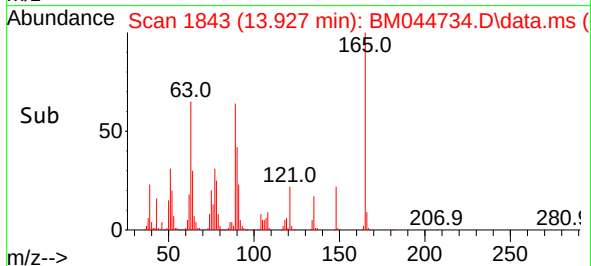
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:165 Resp: 294979
Ion Ratio Lower Upper
165 100
63 65.4 50.4 75.6
89 63.8 49.3 73.9

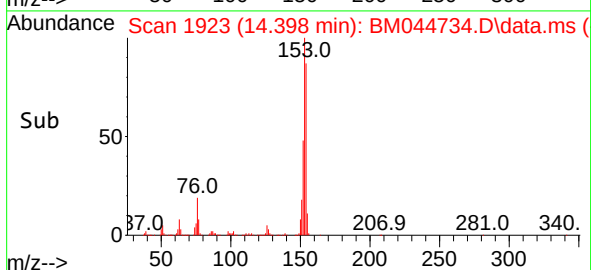
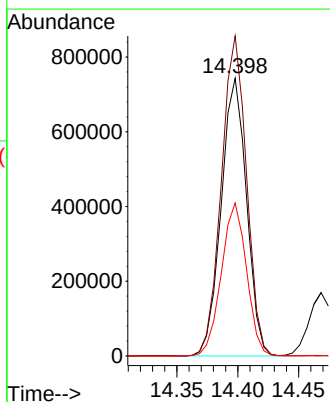
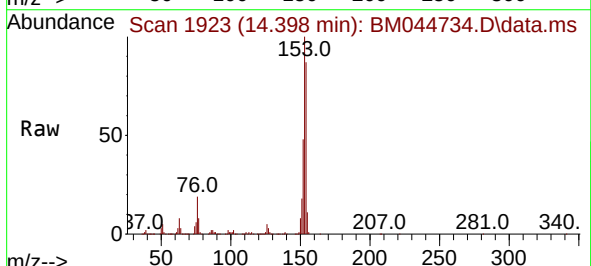
Manual Integrations
APPROVED

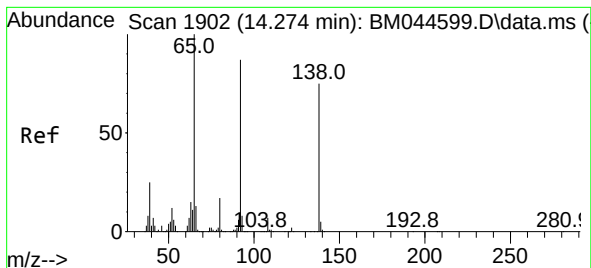
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#52
Acenaphthene
Concen: 47.675 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion:154 Resp: 1078357
Ion Ratio Lower Upper
154 100
153 115.2 90.3 135.5
152 55.1 43.1 64.7





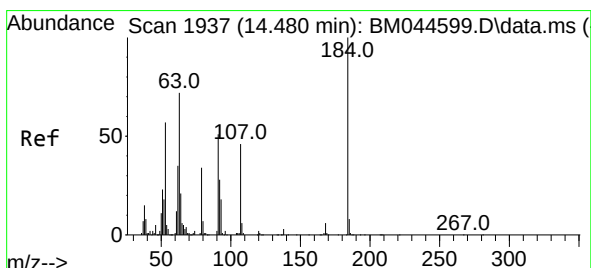
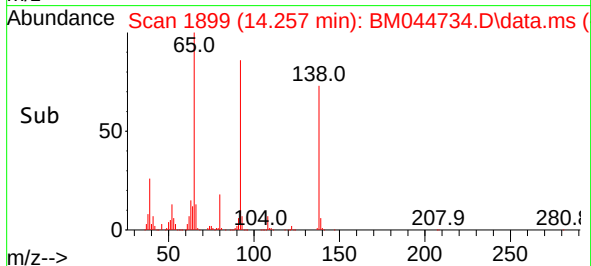
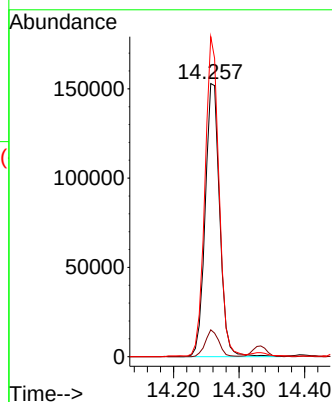
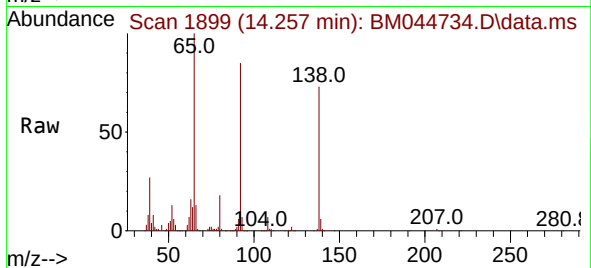
#53
3-Nitroaniline
Concen: 32.566 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Instrument :
BNA_M
ClientSampleId :
PB159652BSD

Tgt Ion:138 Resp: 23589
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 117.2 92.8 139.2

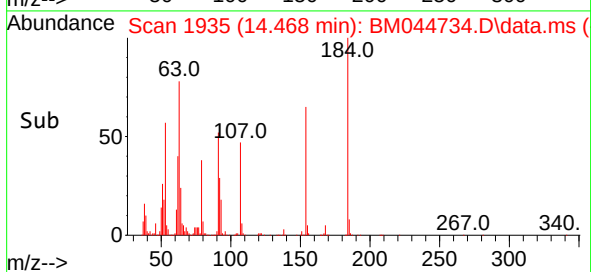
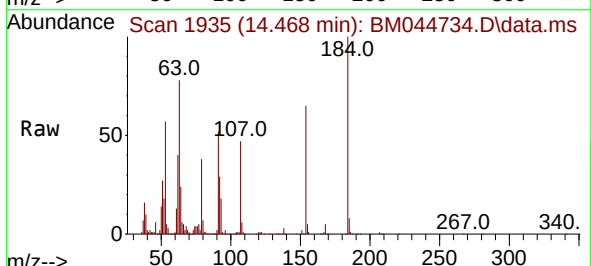
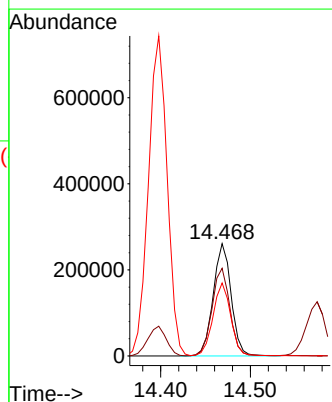
Manual Integrations
APPROVED

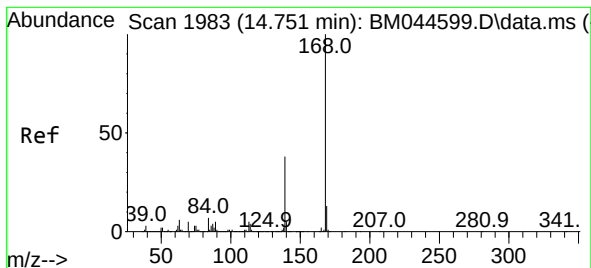
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#54
2,4-Dinitrophenol
Concen: 89.232 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

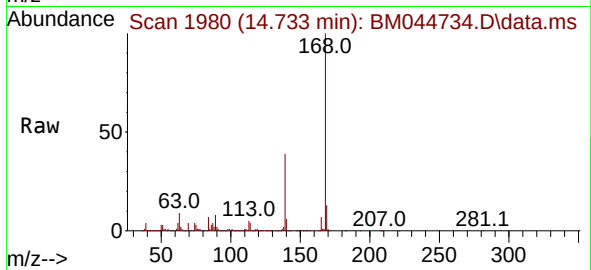
Tgt Ion:184 Resp: 363373
Ion Ratio Lower Upper
184 100
63 77.9 62.2 93.2
154 64.9 47.9 71.9





#55
Dibenzenofuran
Concen: 45.853 ng
RT: 14.733 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

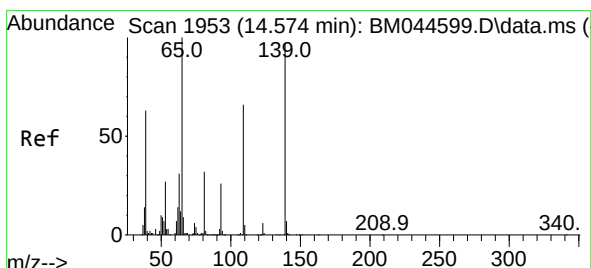
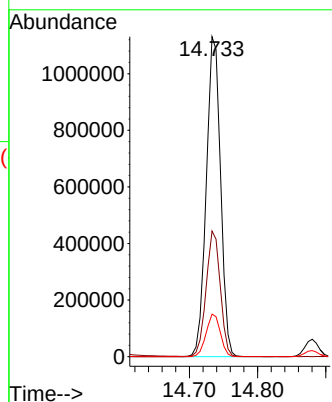
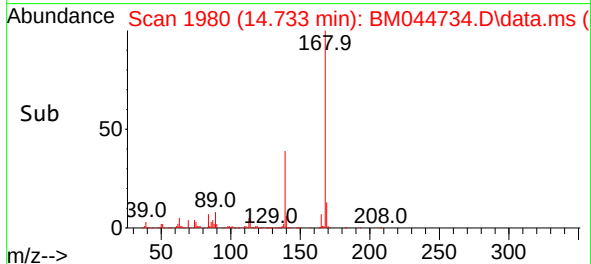
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:168 Resp: 164604
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.3 10.6 16.0

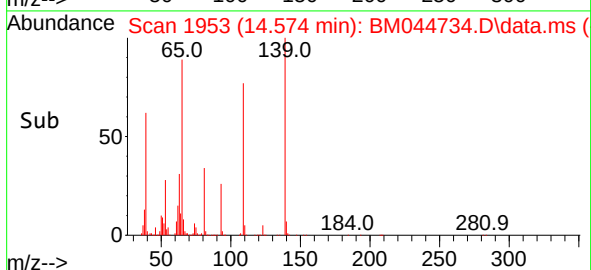
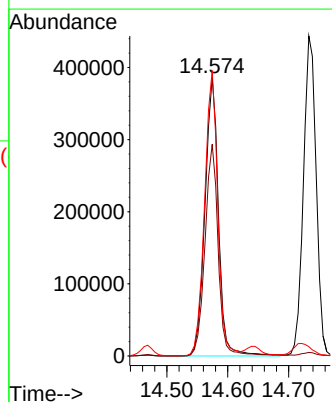
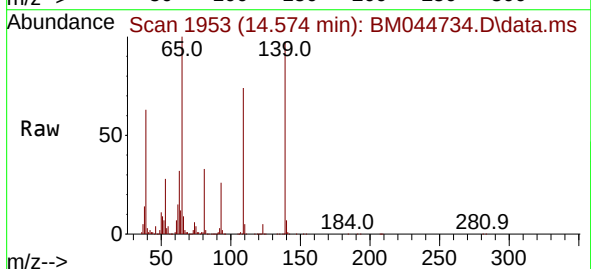
Manual Integrations
APPROVED

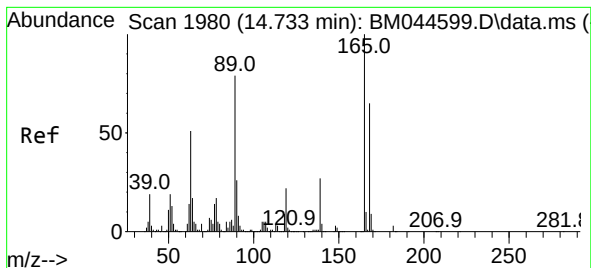
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#56
4-Nitrophenol
Concen: 100.135 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

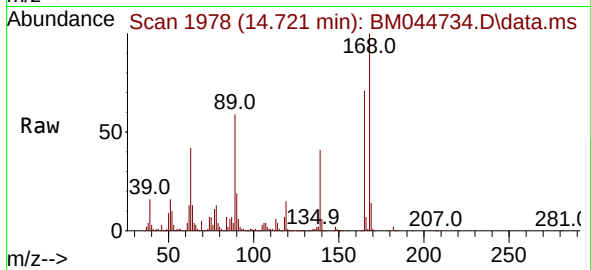
Tgt Ion:139 Resp: 595708
Ion Ratio Lower Upper
139 100
109 76.1 48.0 88.0
65 102.6 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 49.691 ng
RT: 14.721 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

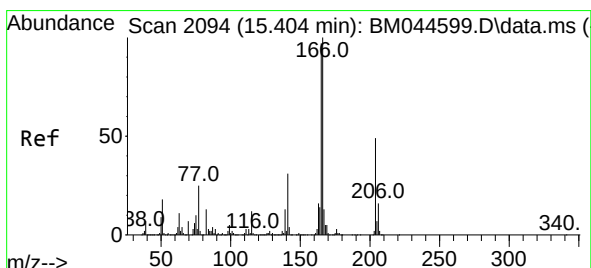
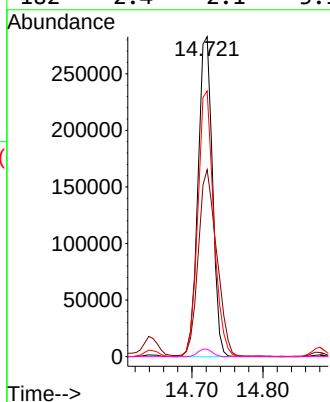
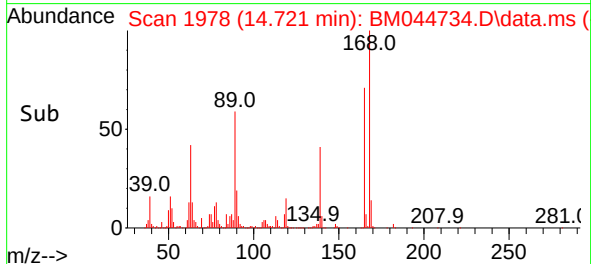
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:165 Resp: 401644
Ion Ratio Lower Upper
165 100
63 58.4 40.9 61.3
89 83.0 63.4 95.0
182 2.4 2.1 3.1

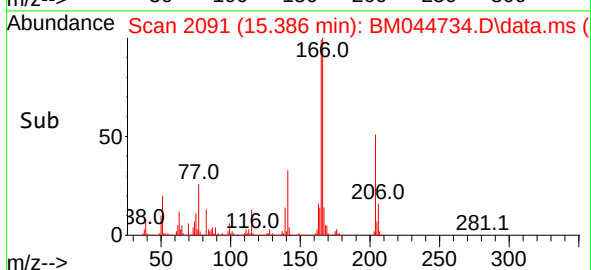
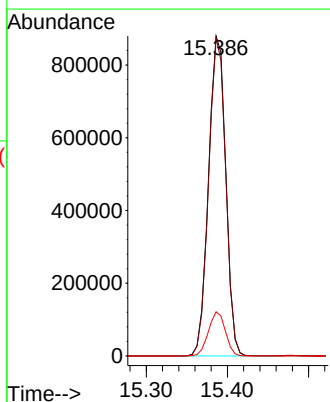
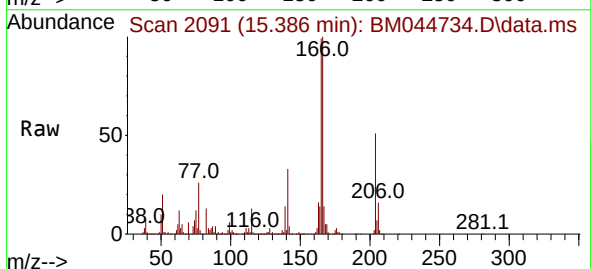
Manual Integrations
APPROVED

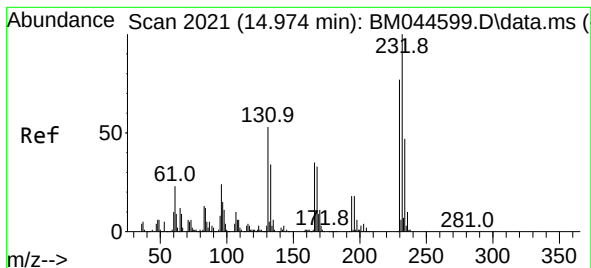
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#58
Fluorene
Concen: 46.414 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

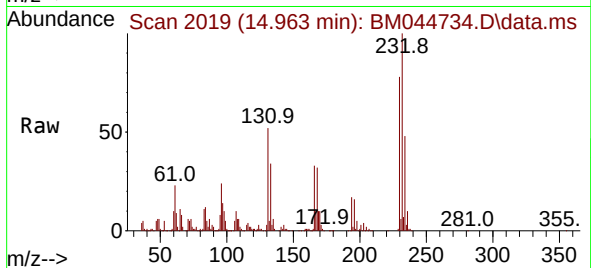
Tgt Ion:166 Resp: 1297518
Ion Ratio Lower Upper
166 100
165 99.4 77.7 116.5
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.405 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

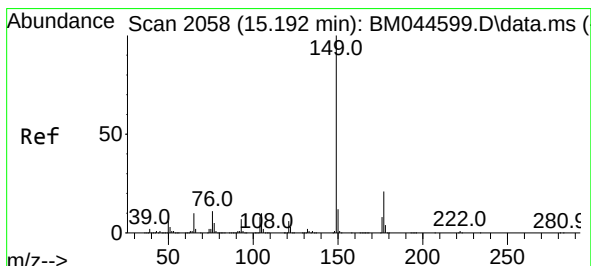
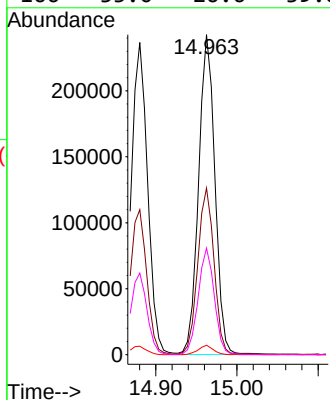
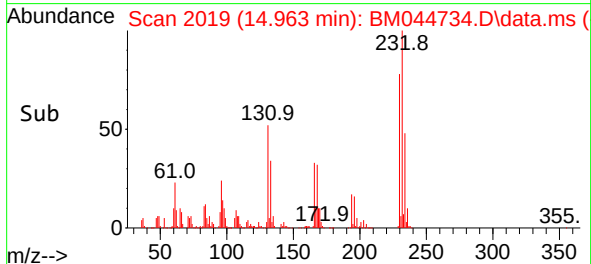
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



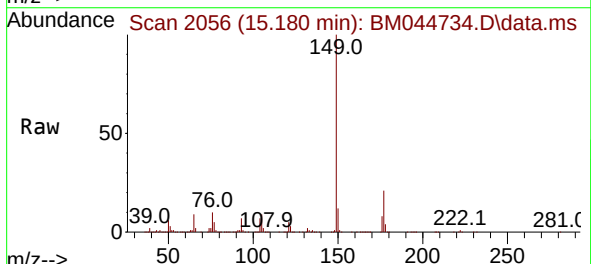
Tgt Ion:232 Resp: 338884
Ion Ratio Lower Upper
232 100
131 52.0 41.0 61.4
130 2.7 2.1 3.1
166 33.0 26.6 39.8

Manual Integrations
APPROVED

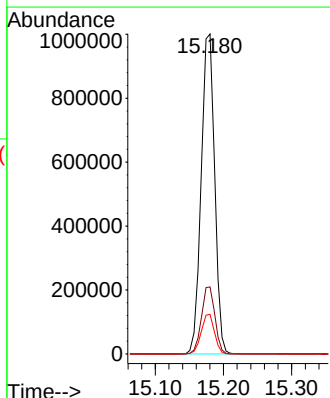
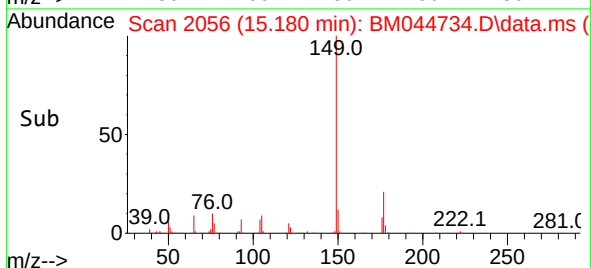
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

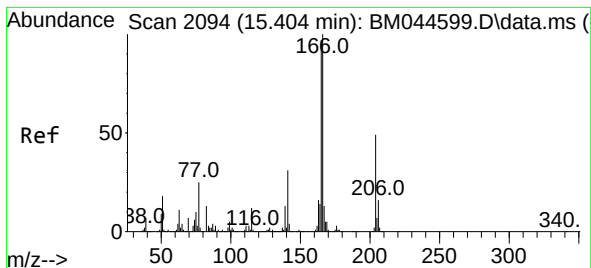


#60
Diethylphthalate
Concen: 45.813 ng
RT: 15.180 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



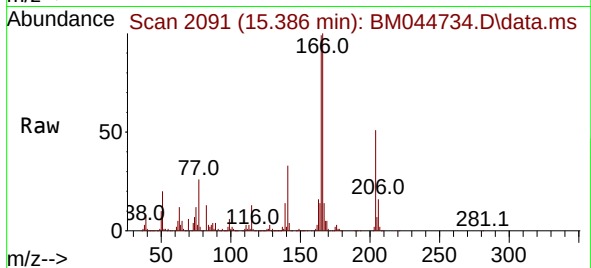
Tgt Ion:149 Resp: 1377646
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 46.343 ng
RT: 15.386 min Scan# 2094
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

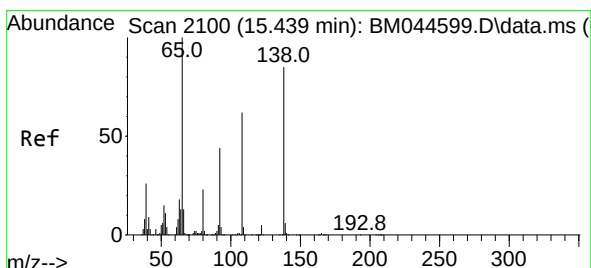
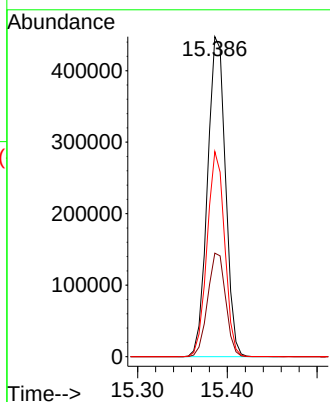
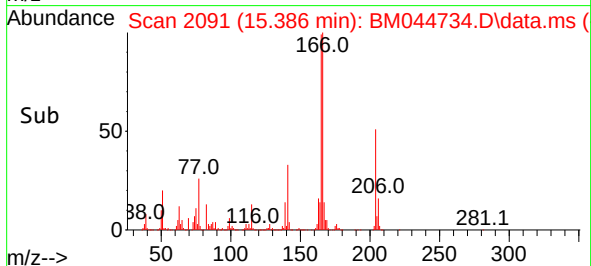
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:204 Resp: 621940
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 64.1 49.8 74.8

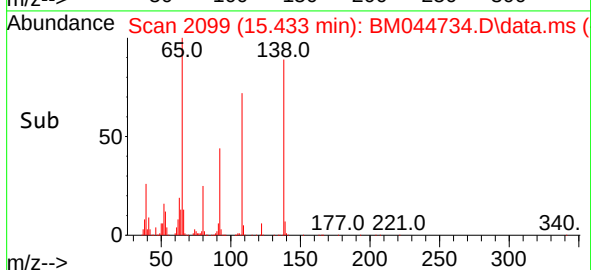
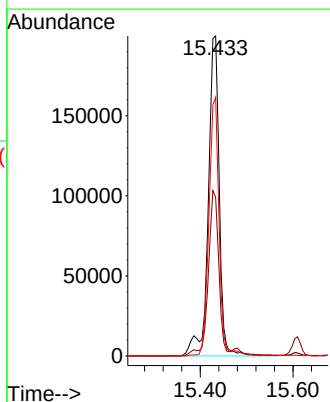
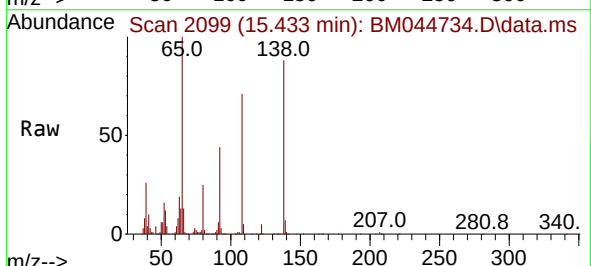
Manual Integrations
APPROVED

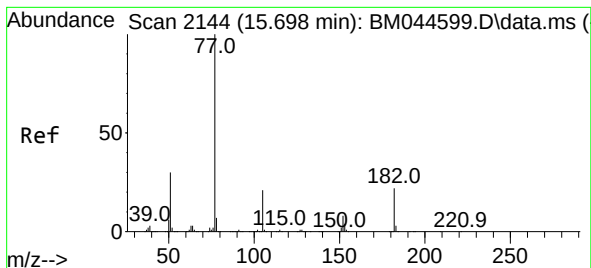
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#62
4-Nitroaniline
Concen: 45.881 ng m
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

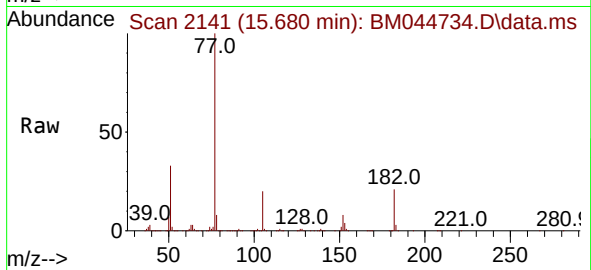
Tgt Ion:138 Resp: 331981
Ion Ratio Lower Upper
138 100
92 49.6 31.9 71.9
108 80.8 53.7 93.7





#63
Azobenzene
Concen: 46.264 ng
RT: 15.680 min Scan# 2141
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

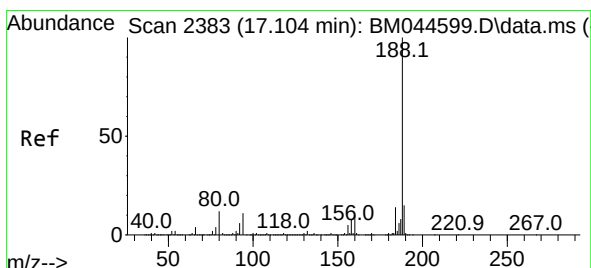
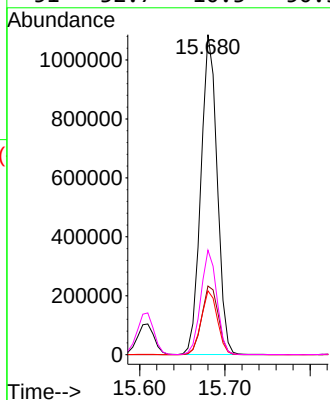
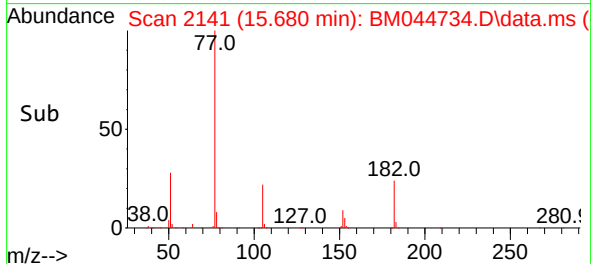
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



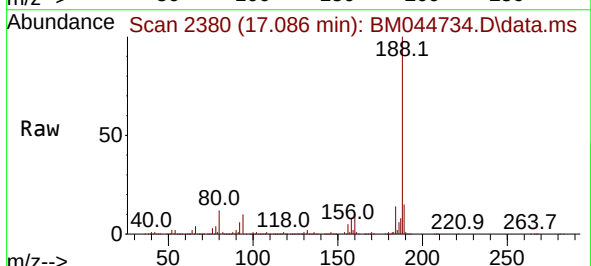
Tgt Ion: 77 Resp: 143808
Ion Ratio Lower Upper
77 100
182 21.5 1.8 41.8
105 20.0 0.7 40.7
51 32.7 10.3 50.3

Manual Integrations
APPROVED

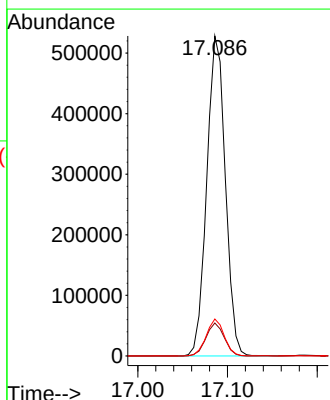
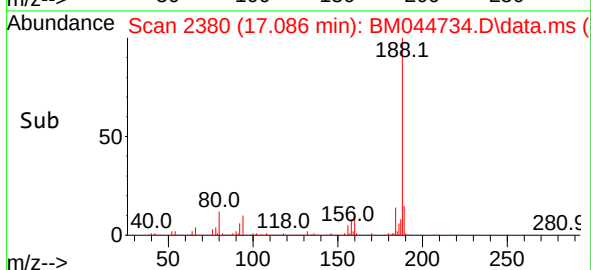
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

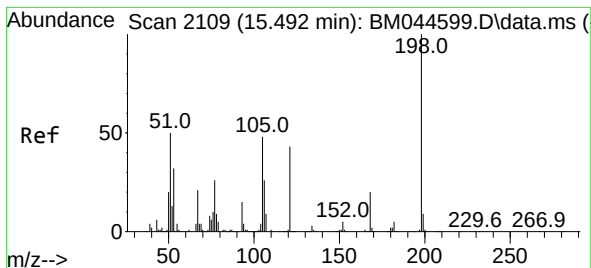


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



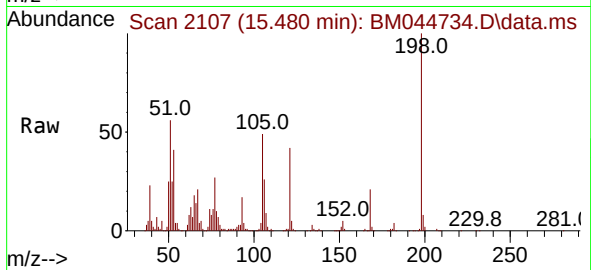
Tgt Ion:188 Resp: 758677
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 11.6 9.4 14.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.115 ng
RT: 15.480 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

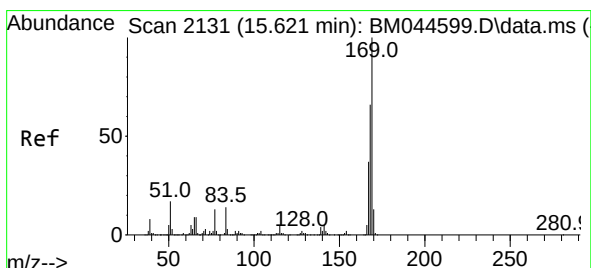
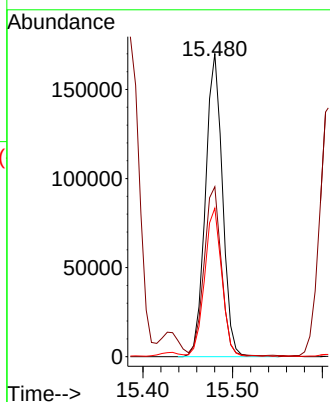
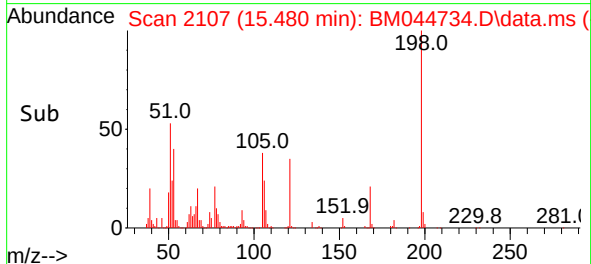
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



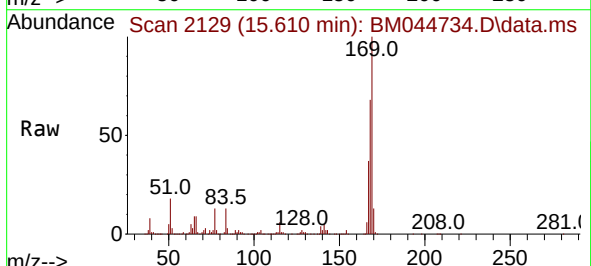
Tgt Ion:198 Resp: 224170
Ion Ratio Lower Upper
198 100
51 56.1 35.0 75.0
105 49.0 28.5 68.5

Manual Integrations
APPROVED

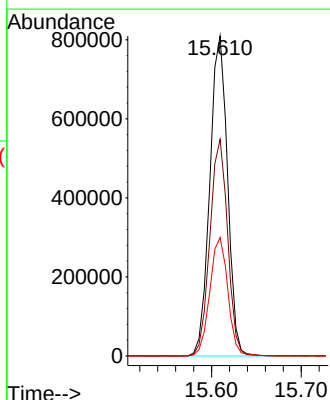
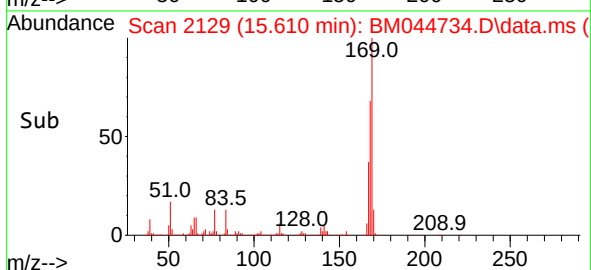
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

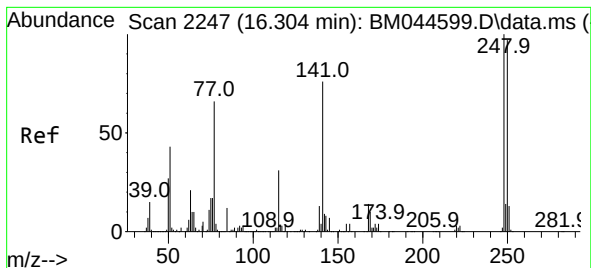


#66
n-Nitrosodiphenylamine
Concen: 46.842 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



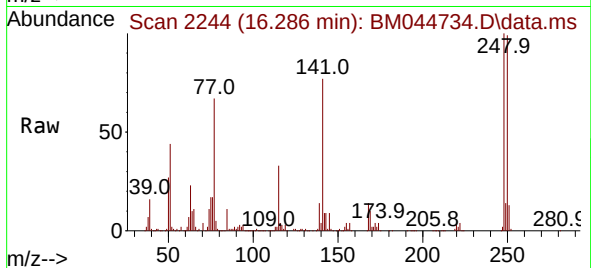
Tgt Ion:169 Resp: 1107576
Ion Ratio Lower Upper
169 100
168 67.7 53.1 79.7
167 37.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 47.034 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

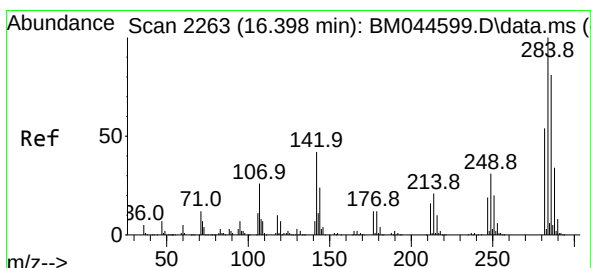
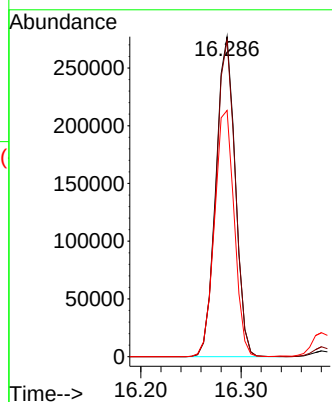
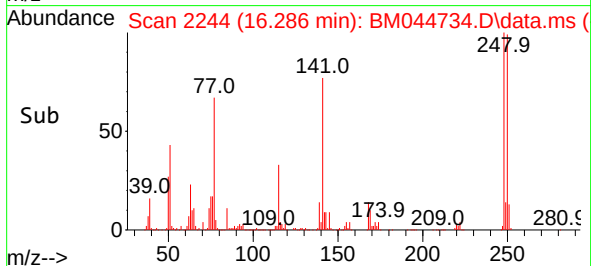
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



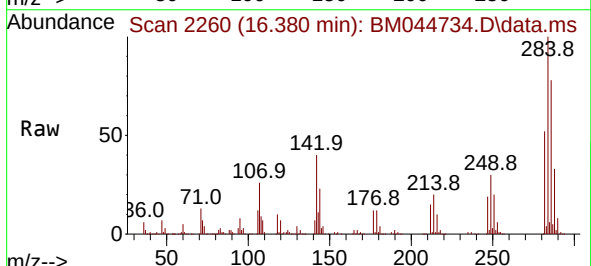
Tgt Ion:248 Resp: 369091
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 77.0 60.6 90.8

Manual Integrations
APPROVED

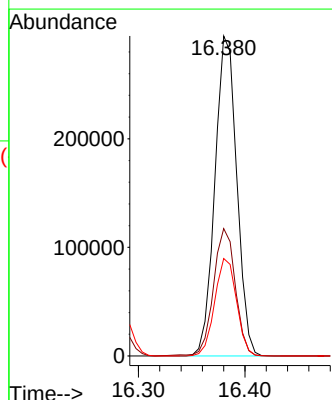
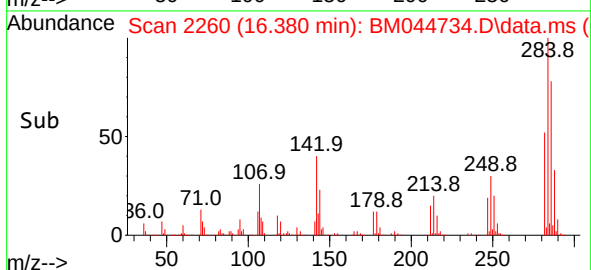
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

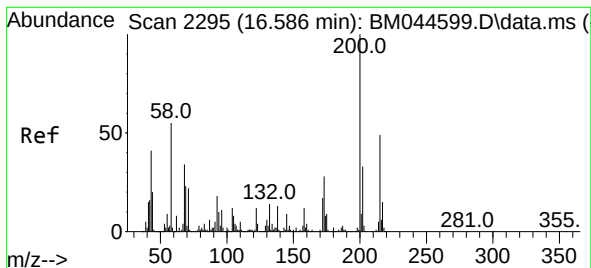


#68
Hexachlorobenzene
Concen: 50.301 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48



Tgt Ion:284 Resp: 419599
Ion Ratio Lower Upper
284 100
142 39.8 33.7 50.5
249 30.5 24.8 37.2





#69

Atrazine

Concen: 51.608 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

Tgt Ion:200 Resp: 38131

Ion Ratio Lower Upper

200 100

173 27.2 7.7 47.7

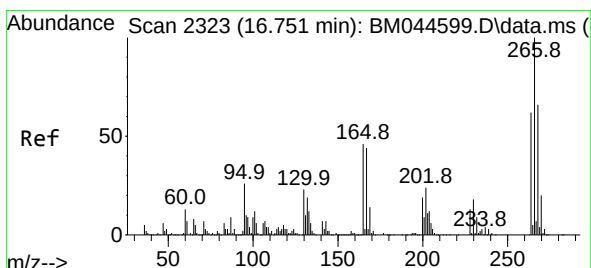
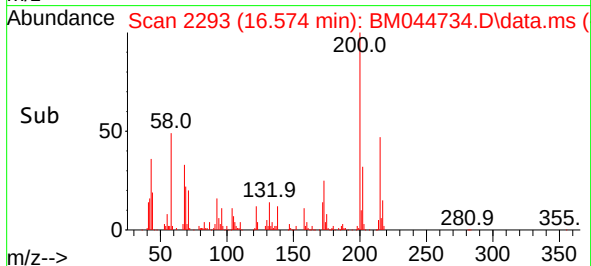
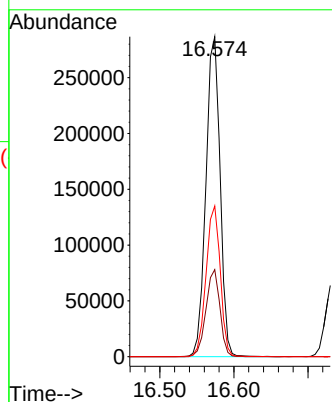
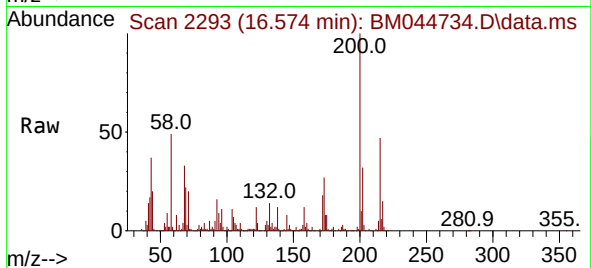
215 47.1 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#70

Pentachlorophenol

Concen: 92.653 ng

RT: 16.733 min Scan# 2320

Delta R.T. -0.018 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

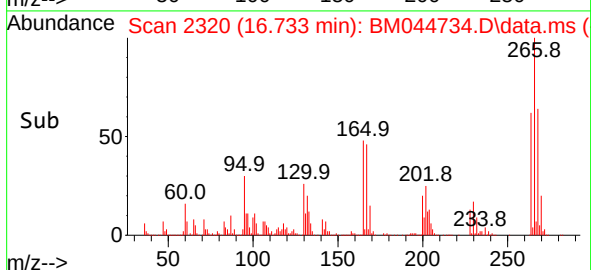
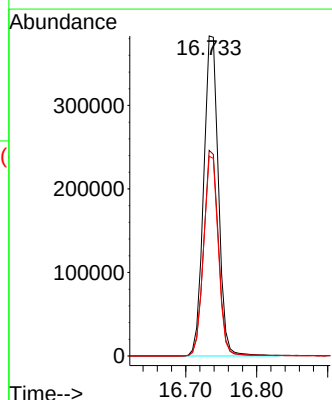
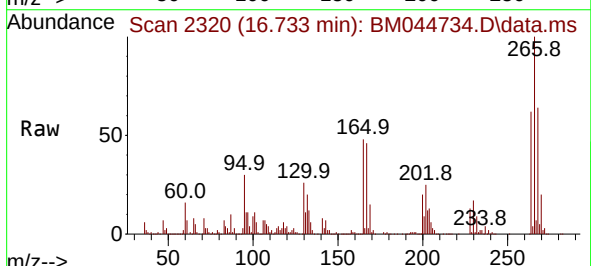
Tgt Ion:266 Resp: 555951

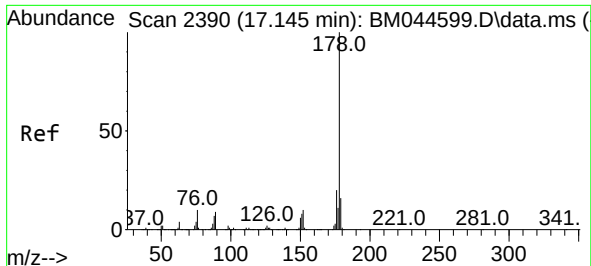
Ion Ratio Lower Upper

266 100

268 64.2 52.4 78.6

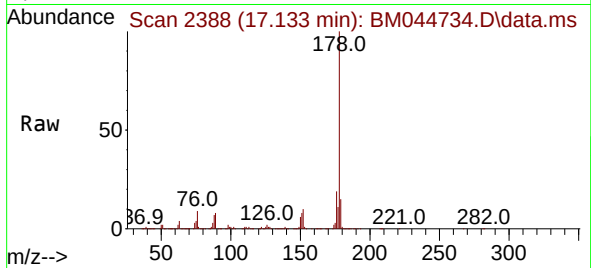
264 62.4 49.8 74.8





#71
Phenanthrene
Concen: 46.360 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

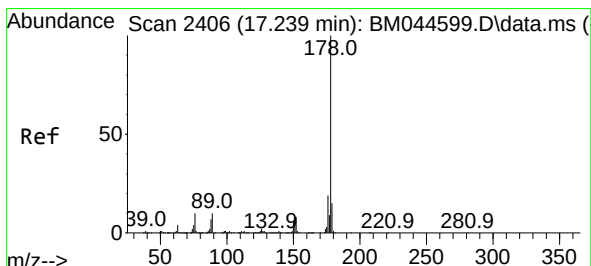
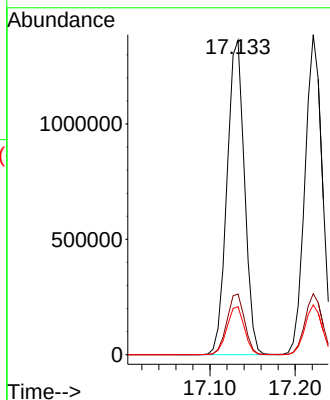
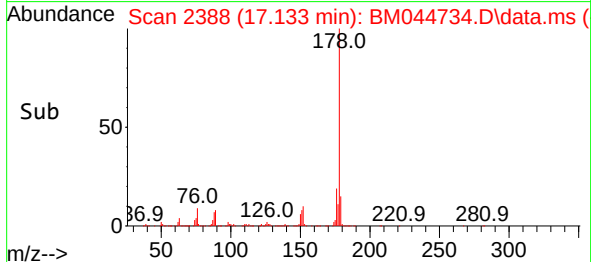
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:178 Resp: 1943705
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.3 12.4 18.6

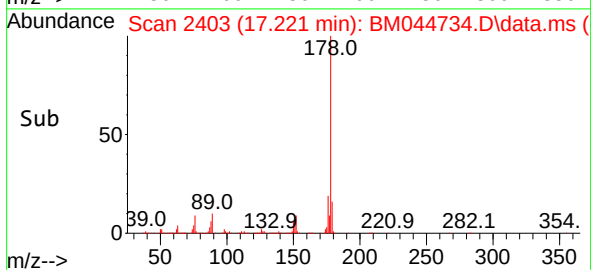
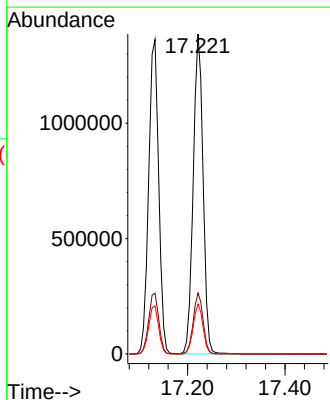
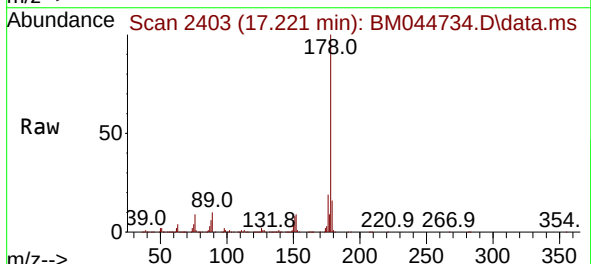
Manual Integrations
APPROVED

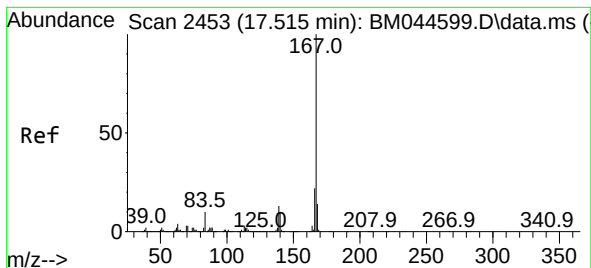
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#72
Anthracene
Concen: 46.613 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion:178 Resp: 1960058
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.2 18.4





#73

Carbazole

Concen: 47.484 ng

RT: 17.504 min Scan# 2451

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

Tgt Ion:167 Resp: 188053

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

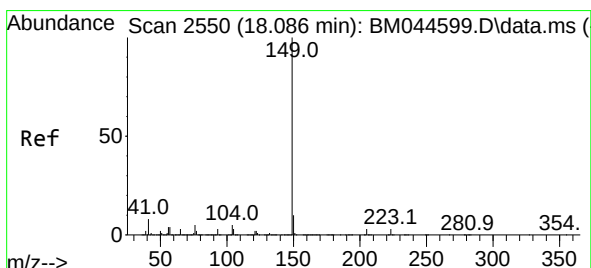
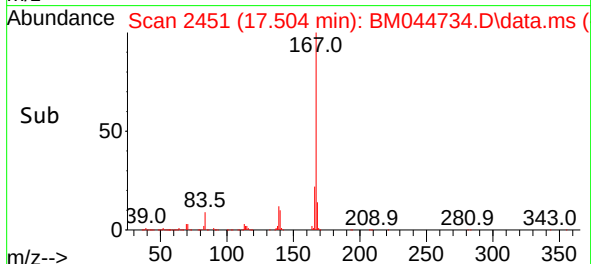
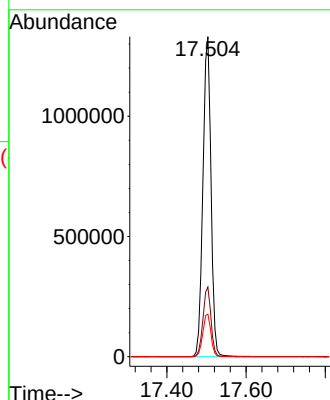
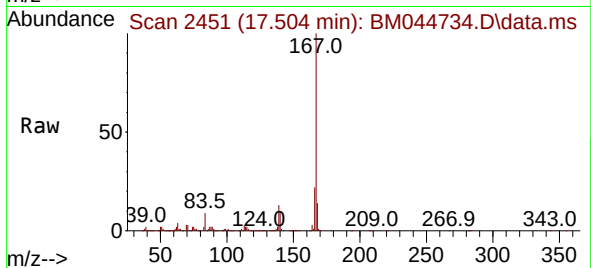
139 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#74

Di-n-butylphthalate

Concen: 46.505 ng

RT: 18.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

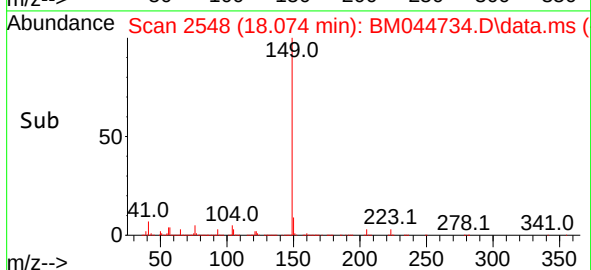
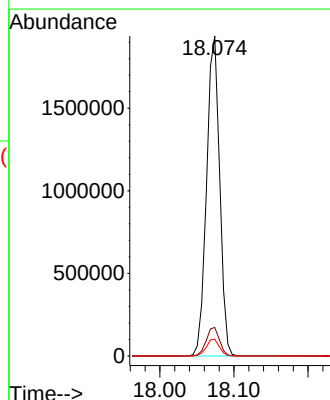
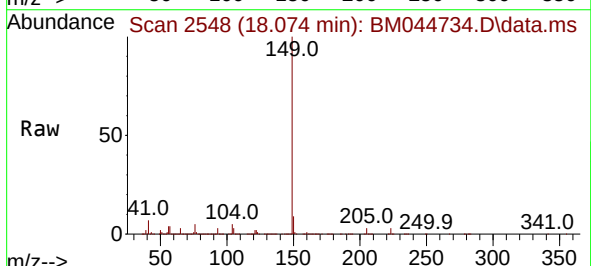
Tgt Ion:149 Resp: 2373229

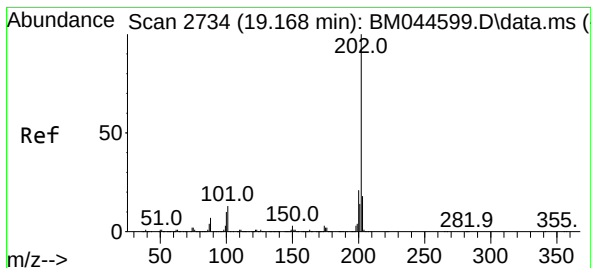
Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

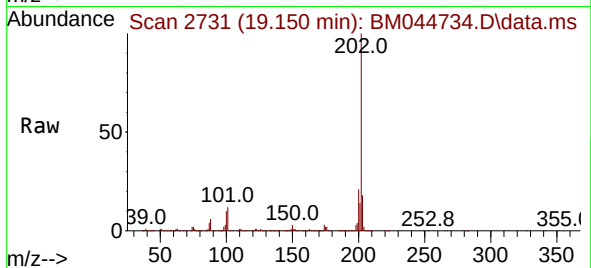
104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 45.220 ng
RT: 19.150 min Scan# 211933
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

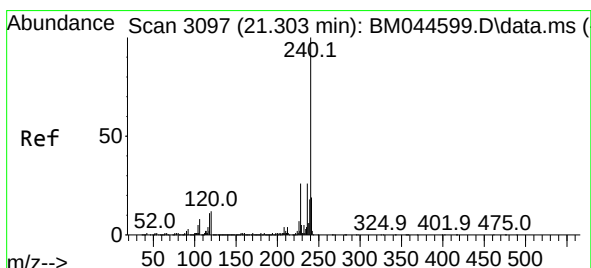
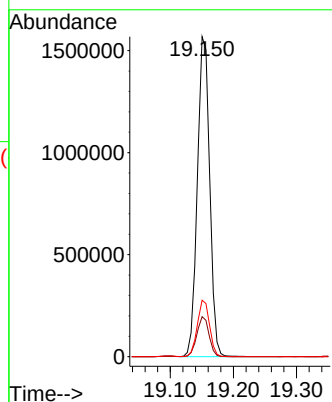
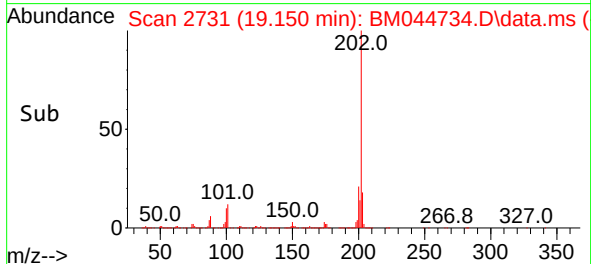
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:202 Resp: 211933
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.3
203 17.6 0.0 37.7

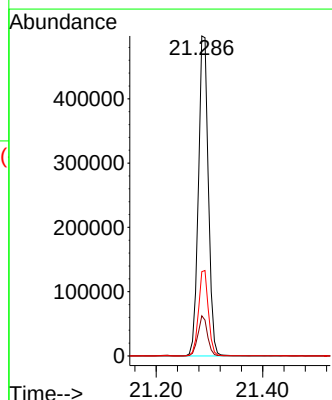
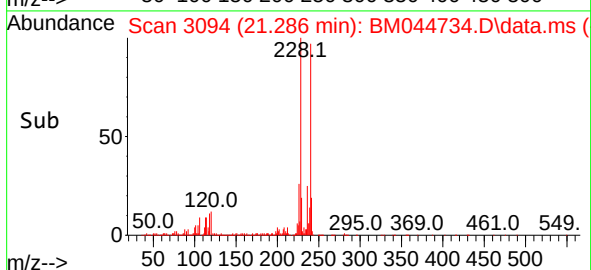
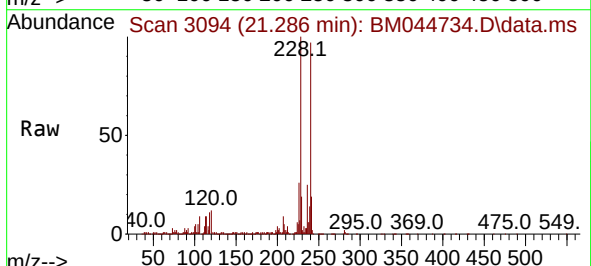
Manual Integrations
APPROVED

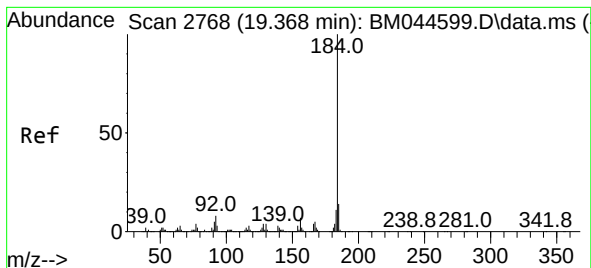
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion:240 Resp: 643889
Ion Ratio Lower Upper
240 100
120 12.5 9.7 14.5
236 26.3 21.0 31.4





#77

Benzidine

Concen: 40.065 ng

RT: 19.356 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

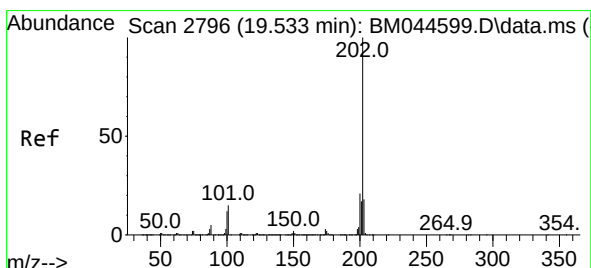
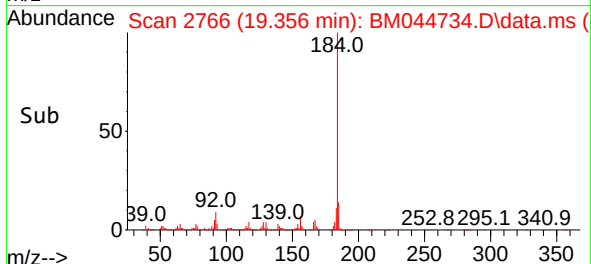
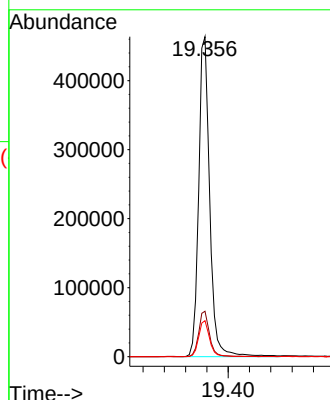
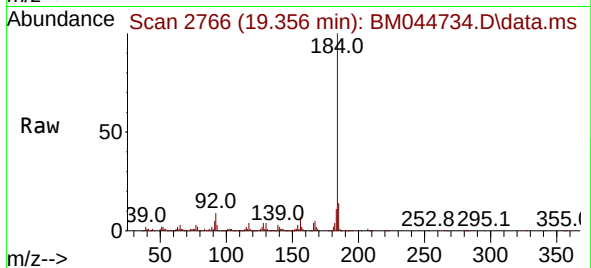
PB159652BSD

Tgt Ion:184 Resp: 666732
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.0 16.6
 183 11.3 8.7 13.1

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 47.165 ng

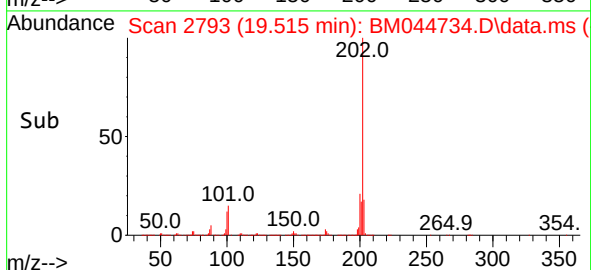
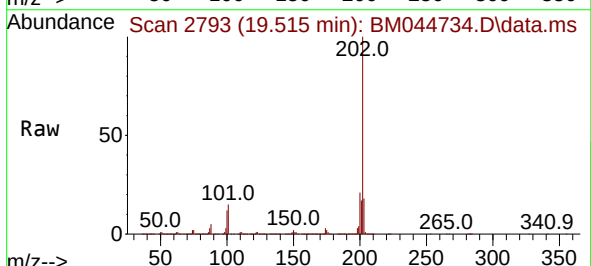
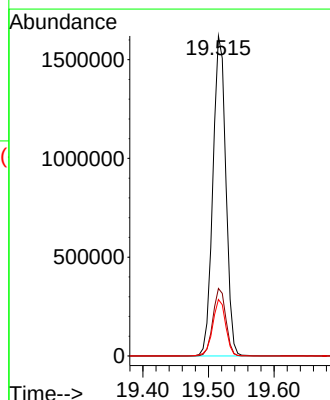
RT: 19.515 min Scan# 2793

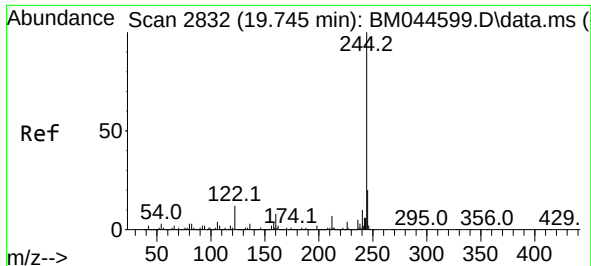
Delta R.T. -0.018 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

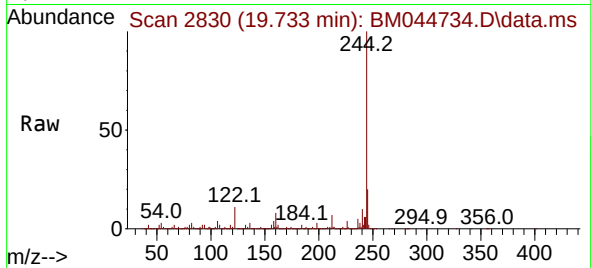
Tgt Ion:202 Resp: 2225825
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.6 14.1 21.1





#79
Terphenyl-d14
Concen: 90.815 ng
RT: 19.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

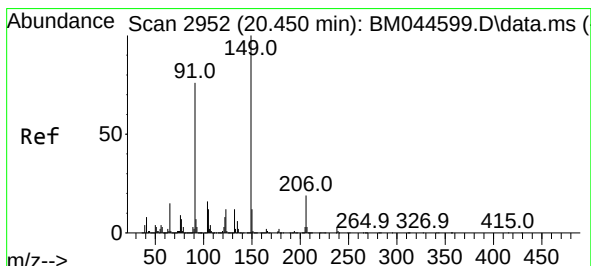
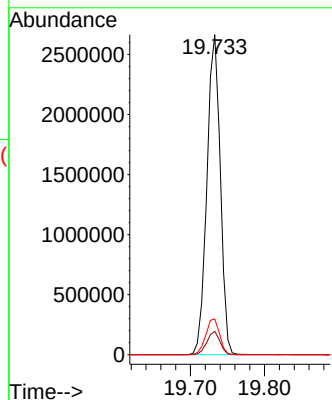
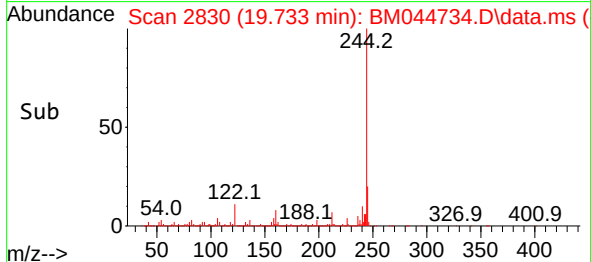
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:244 Resp: 3342674
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 11.2 9.7 14.5

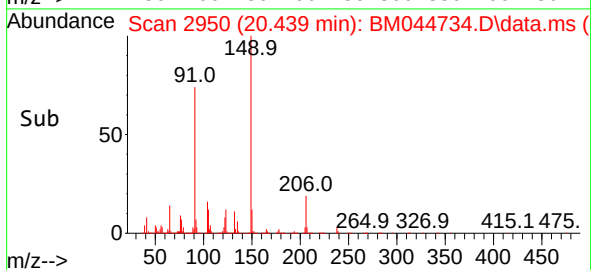
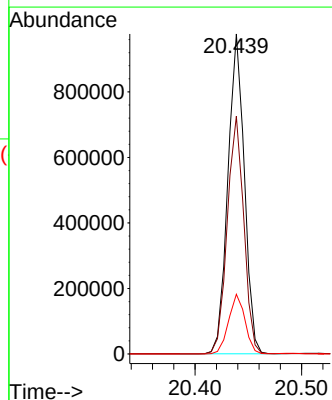
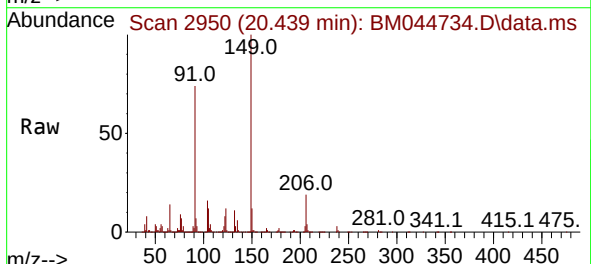
Manual Integrations
APPROVED

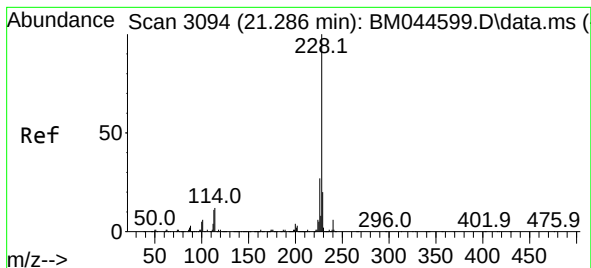
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#80
Butylbenzylphthalate
Concen: 49.142 ng
RT: 20.439 min Scan# 2950
Delta R.T. -0.012 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion:149 Resp: 1045186
Ion Ratio Lower Upper
149 100
91 74.3 61.0 91.6
206 18.7 15.0 22.6





#81

Benzo(a)anthracene

Concen: 46.901 ng

RT: 21.274 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

Tgt Ion:228 Resp: 210124

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

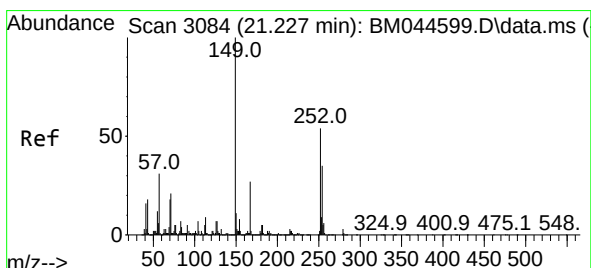
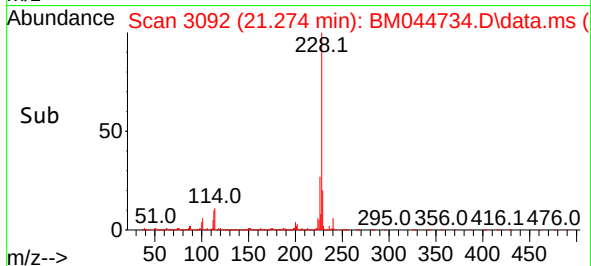
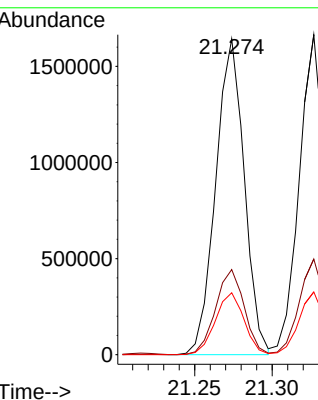
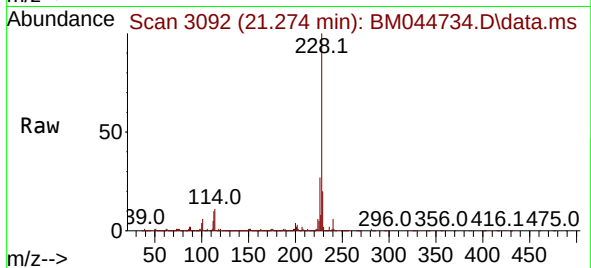
229 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.028 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

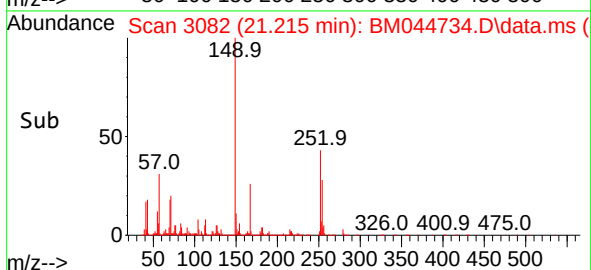
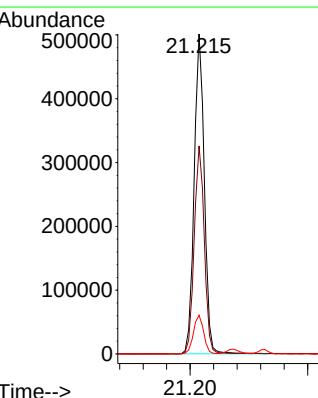
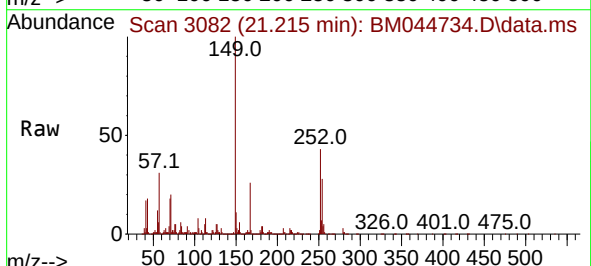
Tgt Ion:252 Resp: 602204

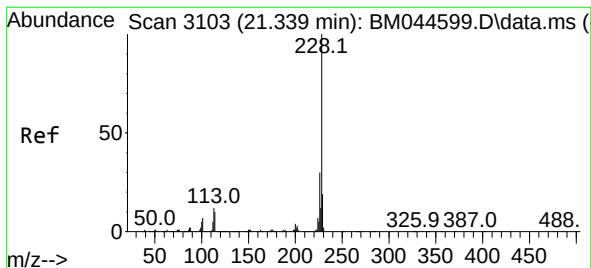
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.0

126 12.1 9.8 14.6





#83

Chrysene

Concen: 45.451 ng

RT: 21.327 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

Tgt Ion:228 Resp: 1945809

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

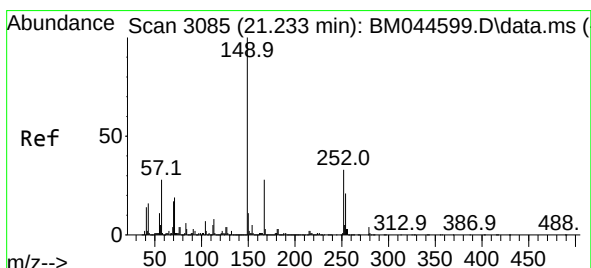
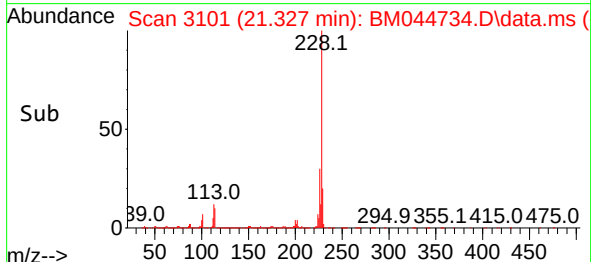
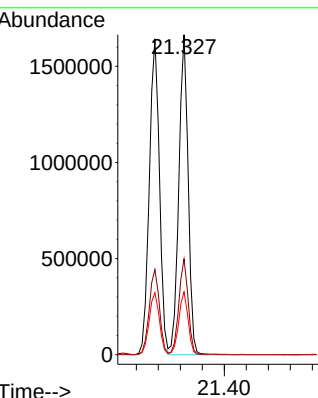
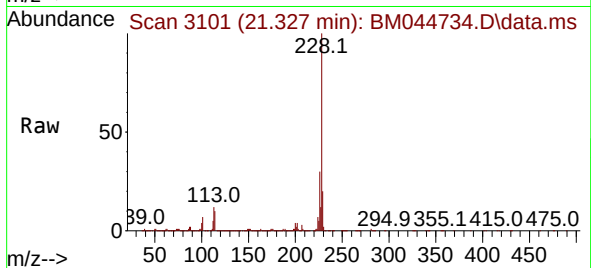
229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.010 ng

RT: 21.221 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

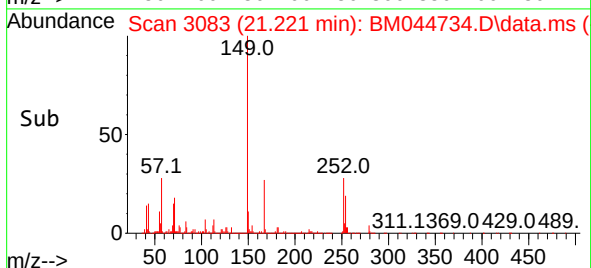
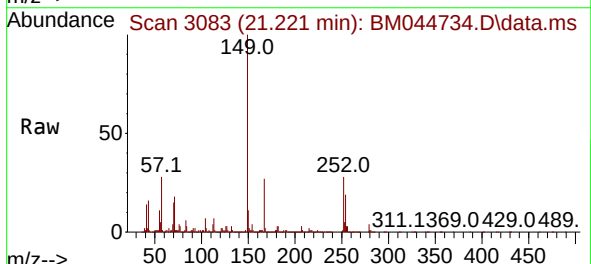
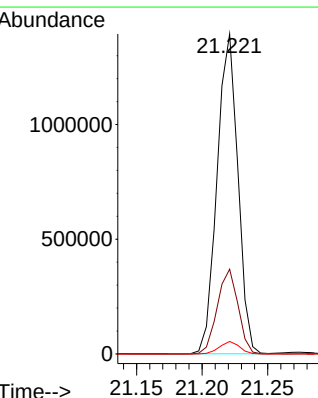
Tgt Ion:149 Resp: 1538319

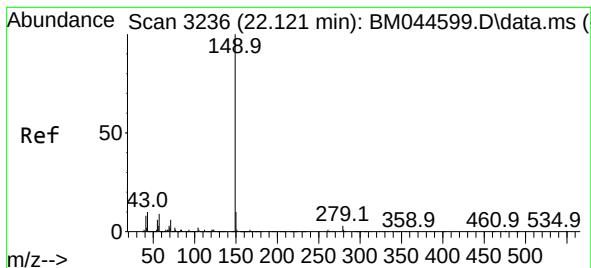
Ion Ratio Lower Upper

149 100

167 26.5 22.1 33.1

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 48.424 ng

RT: 22.109 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044734.D

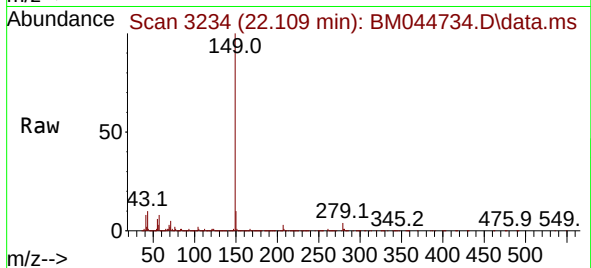
Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD



Tgt Ion:149 Resp: 269136

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

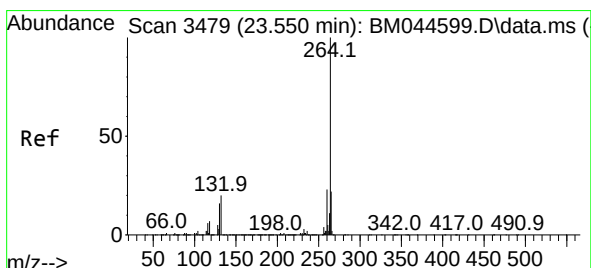
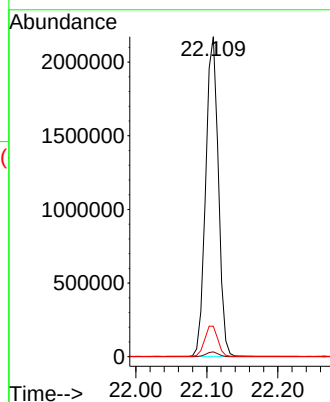
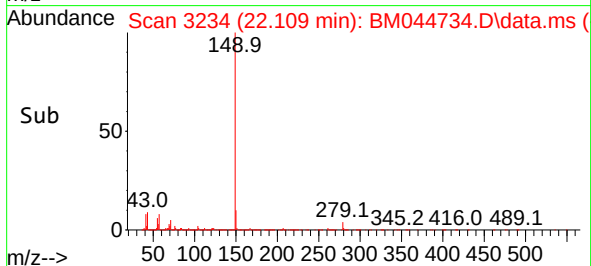
43 9.9 7.9 11.9

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. -0.024 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

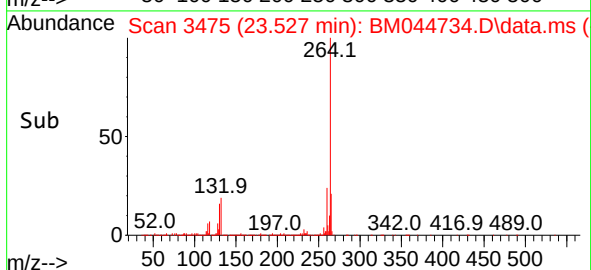
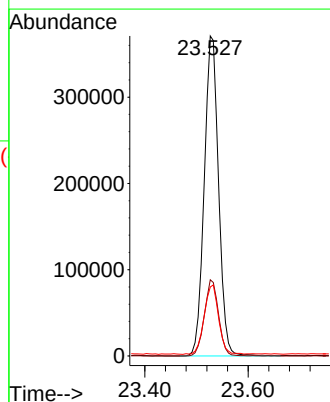
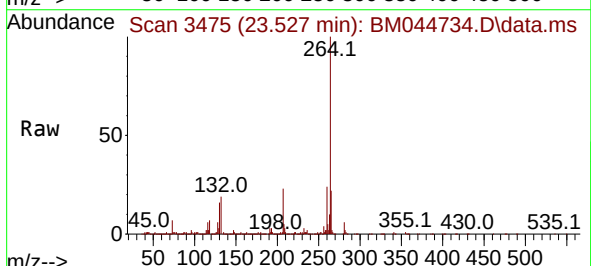
Tgt Ion:264 Resp: 714565

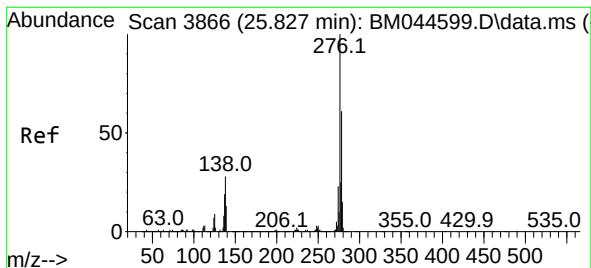
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.837 ng

RT: 25.797 min Scan# 3861

Delta R.T. -0.029 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

Tgt Ion:276 Resp: 2471114

Ion Ratio Lower Upper

276 100

138 28.1 23.6 35.4

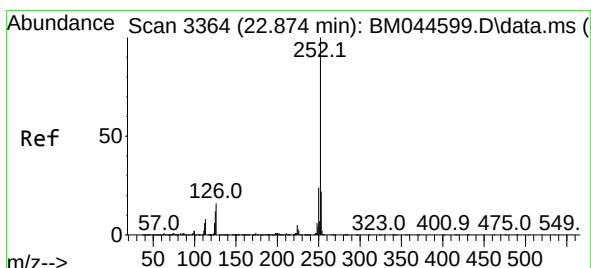
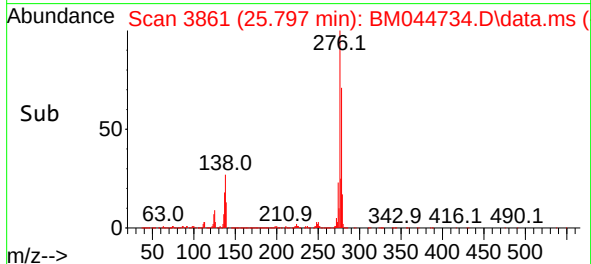
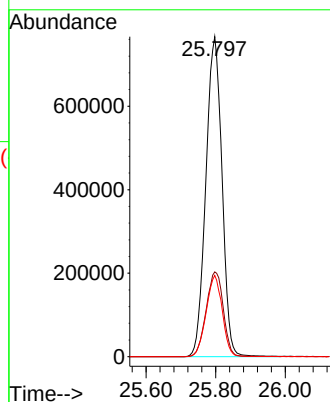
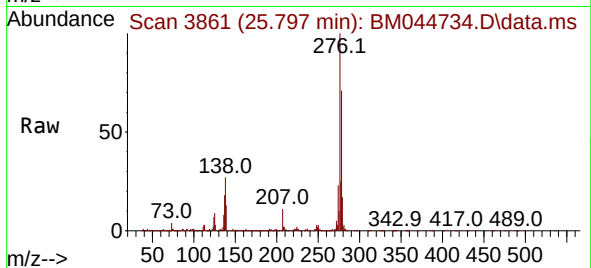
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#88

Benzo(b)fluoranthene

Concen: 50.687 ng

RT: 22.862 min Scan# 3362

Delta R.T. -0.012 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

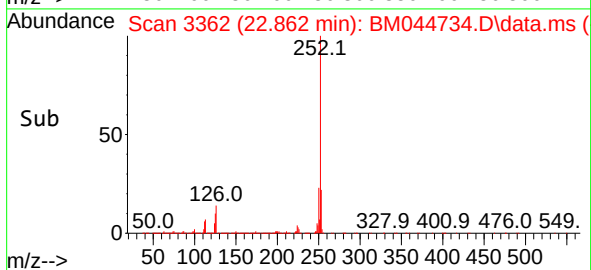
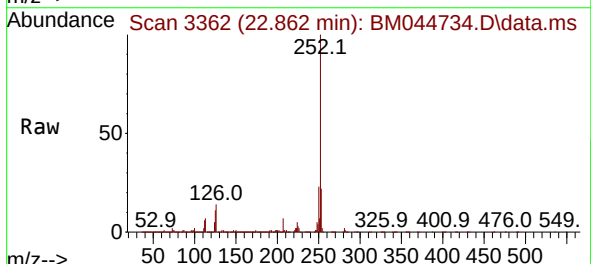
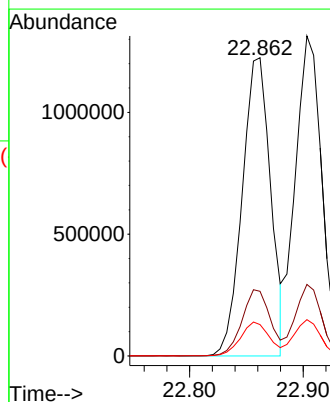
Tgt Ion:252 Resp: 2128518

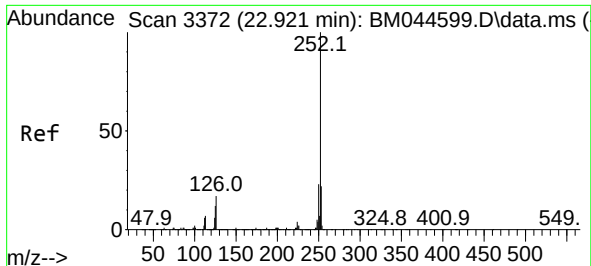
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

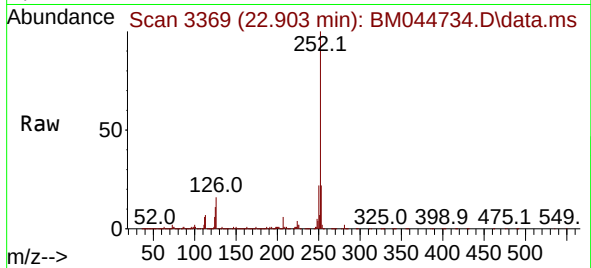
125 10.5 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 49.137 ng
RT: 22.903 min Scan# 311
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

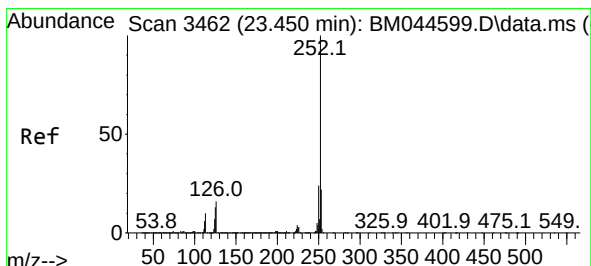
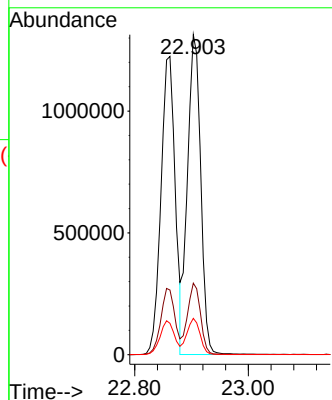
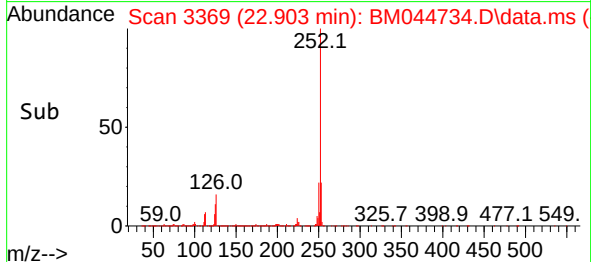
Instrument :
BNA_M
ClientSampleId :
PB159652BSD



Tgt Ion:252 Resp: 212124
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.3 9.4 14.0

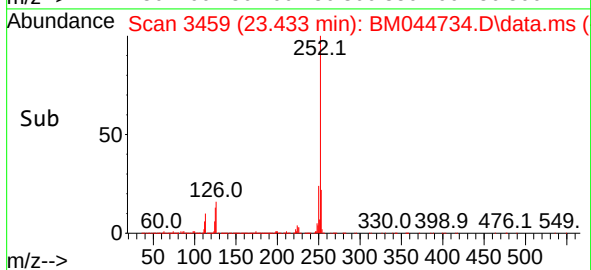
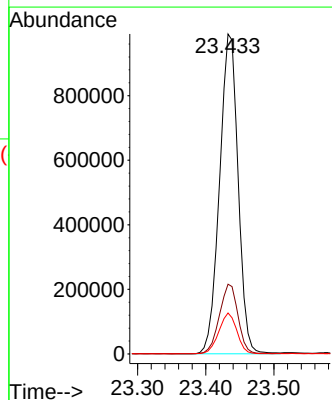
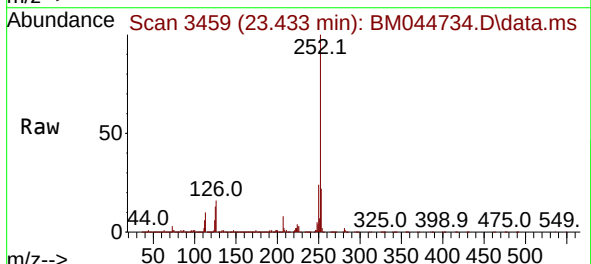
Manual Integrations
APPROVED

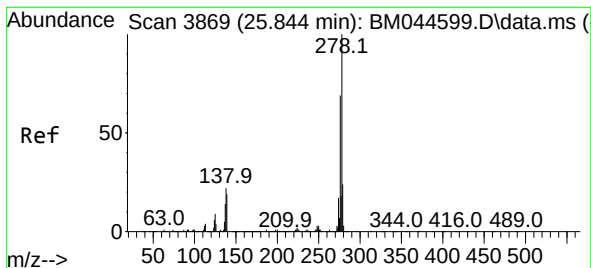
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#90
Benzo(a)pyrene
Concen: 45.777 ng
RT: 23.433 min Scan# 3459
Delta R.T. -0.018 min
Lab File: BM044734.D
Acq: 22 Mar 2024 14:48

Tgt Ion:252 Resp: 1874955
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 12.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 47.683 ng

RT: 25.815 min Scan# 3869

Delta R.T. -0.029 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB159652BSD

Tgt Ion:278 Resp: 2076538

Ion Ratio Lower Upper

278 100

139 17.5 15.0 22.6

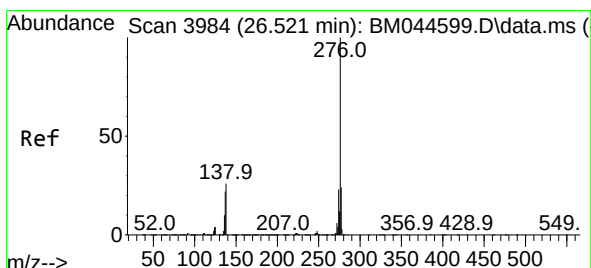
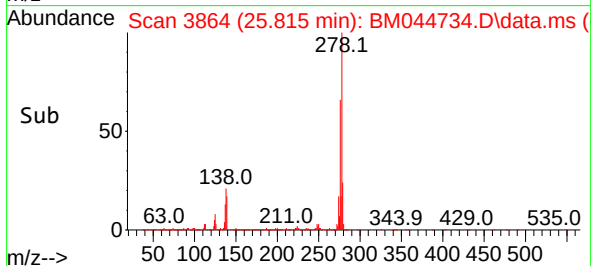
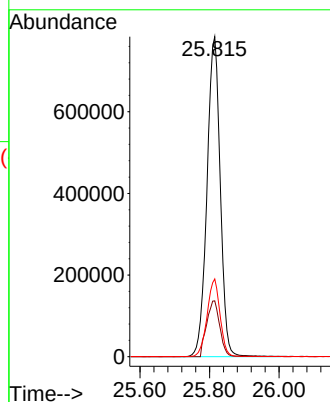
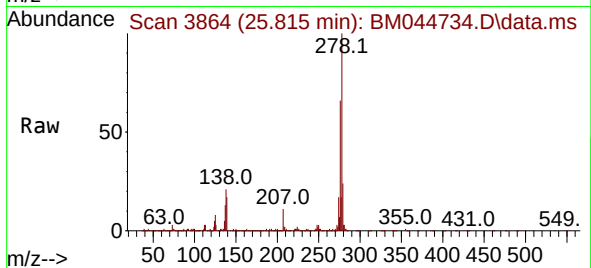
279 24.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#92

Benzo(g,h,i)perylene

Concen: 47.481 ng

RT: 26.485 min Scan# 3978

Delta R.T. -0.035 min

Lab File: BM044734.D

Acq: 22 Mar 2024 14:48

Tgt Ion:276 Resp: 2035465

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 24.7 20.7 31.1

