

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041442.D
 Acq On : 21 Aug 2023 11:13
 Operator : MA/JU
 Sample : PB154955BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154955BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 03:34:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	167716	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	693004	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	454782	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1008039	20.000	ng	0.00
76) Chrysene-d12	21.386	240	933151	20.000	ng	0.00
86) Perylene-d12	23.727	264	987921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1110079	110.108	ng	0.00
7) Phenol-d6	6.957	99	1424285	104.041	ng	0.00
23) Nitrobenzene-d5	8.940	82	924719	63.697	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	715324	99.115	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2207251	65.037	ng	0.00
79) Terphenyl-d14	19.815	244	3748005	69.894	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	111969	26.141	ng	95
3) Pyridine	3.646	79	288682	25.510	ng	97
4) n-Nitrosodimethylamine	3.563	42	167179	32.041	ng	98
6) Aniline	7.099	93	470981	28.932	ng	99
8) 2-Chlorophenol	7.328	128	392497	37.682	ng	98
9) Benzaldehyde	6.910	77	159788	21.141	ng	98
10) Phenol	6.987	94	502561	37.996	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	370190	34.986	ng	97
12) 1,3-Dichlorobenzene	7.640	146	416935	36.015	ng	100
13) 1,4-Dichlorobenzene	7.793	146	428501	36.610	ng	98
14) 1,2-Dichlorobenzene	8.104	146	409694	36.264	ng	99
15) Benzyl Alcohol	8.022	79	358360m	36.873	ng	
16) 2,2'-oxybis(1-Chloropr...	8.298	45	426710m	33.612	ng	
17) 2-Methylphenol	8.228	107	332459	35.162	ng	99
18) Hexachloroethane	8.822	117	158275	35.610	ng	96
19) n-Nitroso-di-n-propyla...	8.581	70	316005	33.648	ng	99
20) 3+4-Methylphenols	8.563	107	451730	34.786	ng	99
22) Acetophenone	8.598	105	595664	33.354	ng	# 99
24) Nitrobenzene	8.981	77	471567	32.531	ng	99
25) Isophorone	9.504	82	856365	32.228	ng	98
26) 2-Nitrophenol	9.687	139	218621	34.541	ng	98
27) 2,4-Dimethylphenol	9.757	122	346264	33.976	ng	97
28) bis(2-Chloroethoxy)met...	9.987	93	499182	32.274	ng	99
29) 2,4-Dichlorophenol	10.228	162	403147	36.108	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	439578	35.459	ng	99
31) Naphthalene	10.610	128	1191513	33.069	ng	99
32) Benzoic acid	9.957	122	261300	31.923	ng	99
33) 4-Chloroaniline	10.745	127	263680	17.334	ng	98
34) Hexachlorobutadiene	10.875	225	285210	34.788	ng	100
35) Caprolactam	11.569	113	113357m	32.751	ng	
36) 4-Chloro-3-methylphenol	11.892	107	408841	34.408	ng	97
37) 2-Methylnaphthalene	12.228	142	843288	32.165	ng	99
38) 1-Methylnaphthalene	12.445	142	806917	32.577	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	516850	34.834	ng	99
41) Hexachlorocyclopentadiene	12.557	237	590742	73.719	ng	100
43) 2,4,6-Trichlorophenol	12.857	196	353489	35.598	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

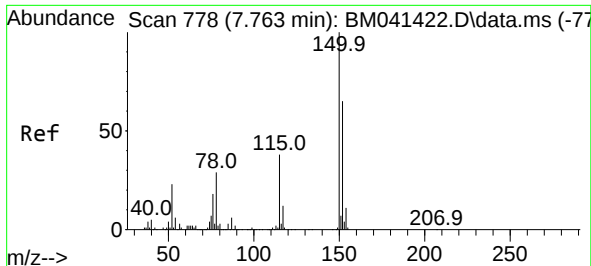
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	380157	33.070	ng	99
46) 1,1'-Biphenyl	13.251	154	1139128	33.190	ng	99
47) 2-Chloronaphthalene	13.292	162	908916	34.455	ng	99
48) 2-Nitroaniline	13.522	65	273683	31.752	ng	97
49) Acenaphthylene	14.139	152	1463526	34.237	ng	99
50) Dimethylphthalate	13.892	163	1151788	32.434	ng	100
51) 2,6-Dinitrotoluene	14.022	165	253185	33.267	ng	98
52) Acenaphthene	14.480	154	839494	32.836	ng	100
53) 3-Nitroaniline	14.357	138	189667	24.989	ng	98
54) 2,4-Dinitrophenol	14.575	184	259285	54.468	ng	94
55) Dibenzofuran	14.822	168	1424089	33.217	ng	99
56) 4-Nitrophenol	14.698	139	361722	63.290	ng	96
57) 2,4-Dinitrotoluene	14.816	165	353557	33.993	ng	93
58) Fluorene	15.474	166	1142318	33.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	344582	35.270	ng	98
60) Diethylphthalate	15.257	149	1142113	32.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	621512	33.552	ng	99
62) 4-Nitroaniline	15.533	138	218901	31.614	ng	98
63) Azobenzene	15.763	77	1121027	31.359	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	197336	30.581	ng	92
66) n-Nitrosodiphenylamine	15.692	169	981562	33.079	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	386074	33.422	ng	99
68) Hexachlorobenzene	16.474	284	449424	35.651	ng	98
69) Atrazine	16.657	200	378285	44.924	ng	98
70) Pentachlorophenol	16.833	266	489061	55.402	ng	99
71) Phenanthrene	17.221	178	1771062	33.284	ng	100
72) Anthracene	17.310	178	1800348	33.366	ng	99
73) Carbazole	17.598	167	1600536	33.338	ng	99
74) Di-n-butylphthalate	18.151	149	1988361	32.967	ng	100
75) Fluoranthene	19.245	202	2118087	33.434	ng	99
77) Benzidine	19.451	184	957394	89.507	ng	100
78) Pyrene	19.609	202	2212282	33.150	ng	100
80) Butylbenzylphthalate	20.515	149	876668	32.798	ng	100
81) Benzo(a)anthracene	21.368	228	2185271	34.293	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	619371	30.052	ng	100
83) Chrysene	21.421	228	2006677	33.129	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1267785	33.385	ng	# 97
85) Di-n-octyl phthalate	22.198	149	2133614	34.362	ng	98
87) Indeno(1,2,3-cd)pyrene	26.144	276	2230644	34.679	ng	98
88) Benzo(b)fluoranthene	23.015	252	2089857	35.492	ng	99
89) Benzo(k)fluoranthene	23.062	252	2038542	34.258	ng	99
90) Benzo(a)pyrene	23.627	252	1822988	32.514	ng	99
91) Dibenzo(a,h)anthracene	26.150	278	1882301	34.796	ng	98
92) Benzo(g,h,i)perylene	26.885	276	1741528	33.301	ng	99

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

Manual Integrations APPROVED

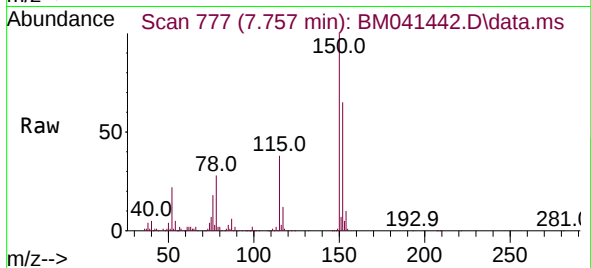
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

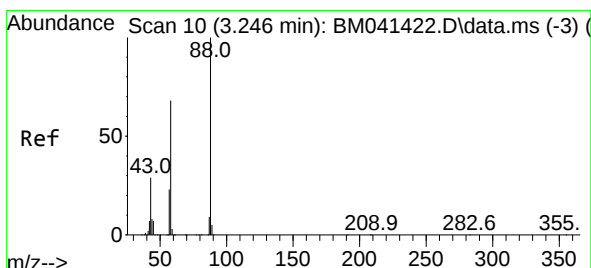
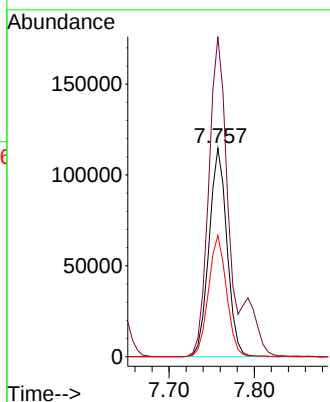
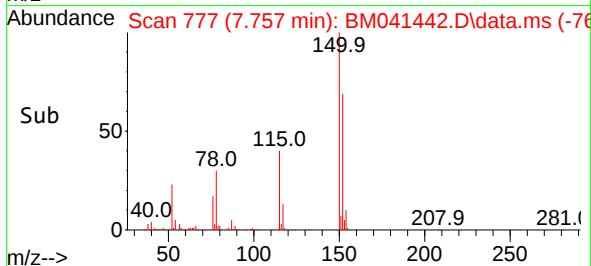
Instrument :
BNA_M
ClientSampleId :
PB154955BS



Tgt Ion: 152 Resp: 167716
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 58.2 46.6 70.0

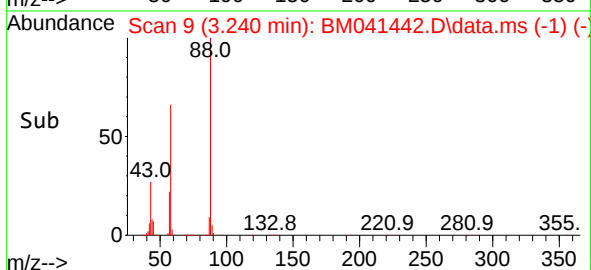
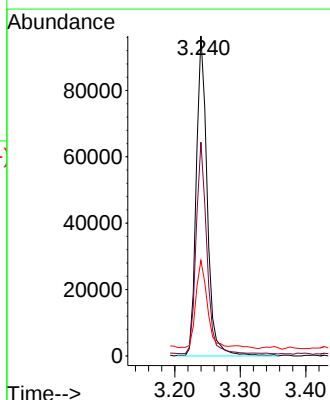
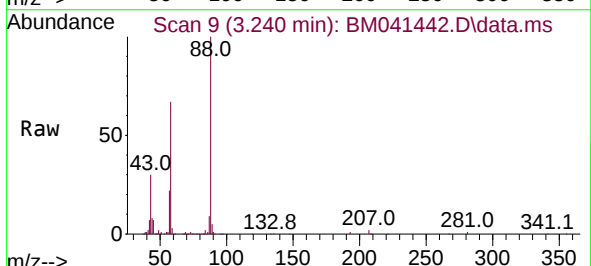
Manual Integrations
APPROVED

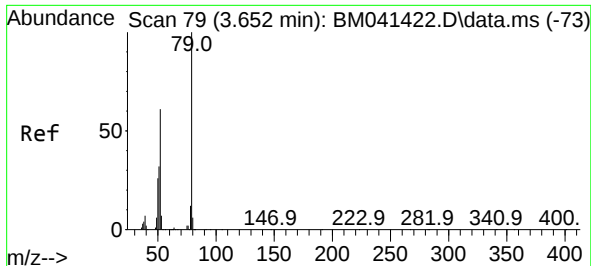
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#2
1,4-Dioxane
Concen: 26.141 ng
RT: 3.240 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

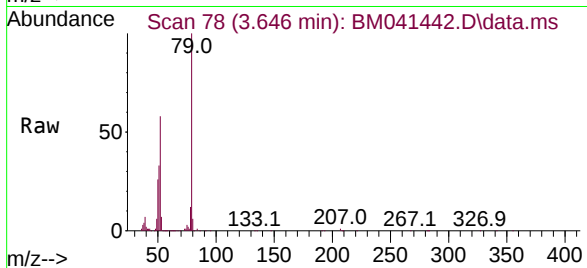
Tgt Ion: 88 Resp: 111969
Ion Ratio Lower Upper
88 100
58 64.1 55.1 82.7
43 27.4 23.2 34.8





#3
 Pyridine
 Concen: 25.510 ng
 RT: 3.646 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13

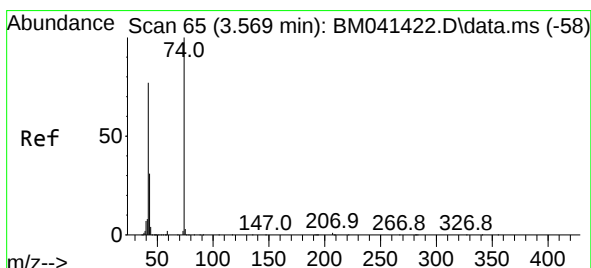
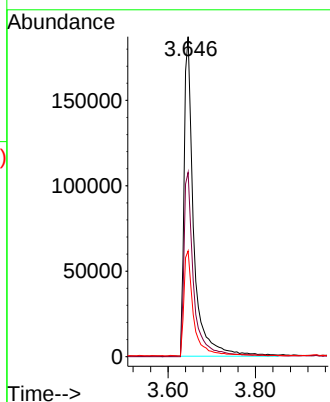
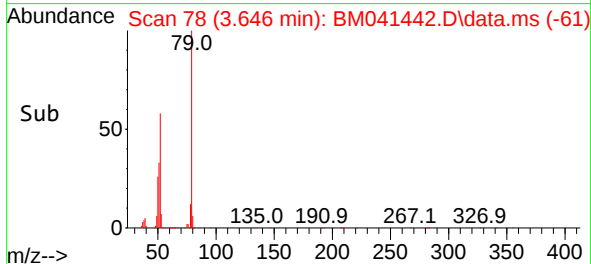
Instrument :
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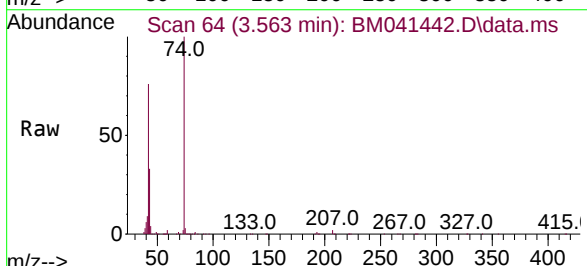
Tgt Ion: 79 Resp: 288682
 Ion Ratio Lower Upper
 79 100
 52 57.6 49.0 73.4
 51 33.0 26.1 39.1

Manual Integrations
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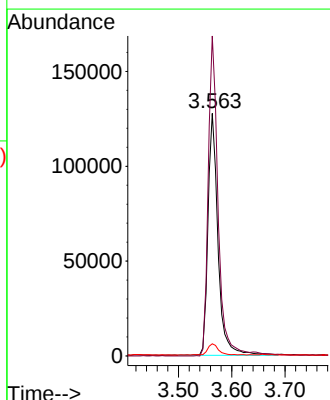
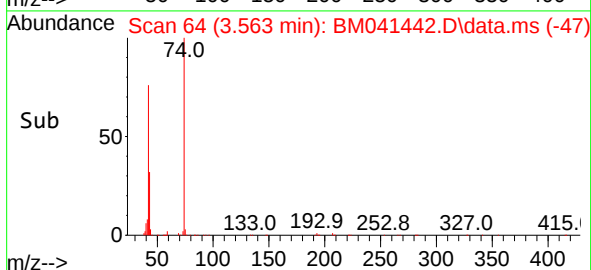
Reviewed By :Yogesh Patel 08/22/2023
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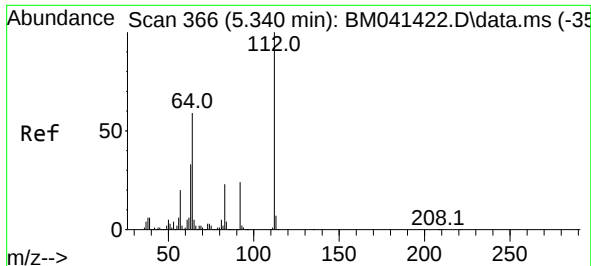


#4
 n-Nitrosodimethylamine
 Concen: 32.041 ng
 RT: 3.563 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13



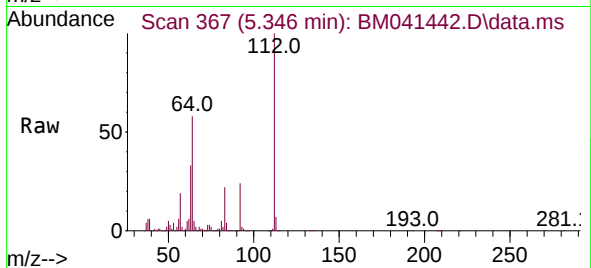
Tgt Ion: 42 Resp: 167179
 Ion Ratio Lower Upper
 42 100
 74 131.9 104.1 156.1
 44 5.0 4.6 6.8





#5
2-Fluorophenol
Concen: 110.108 ng
RT: 5.346 min Scan# 366
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

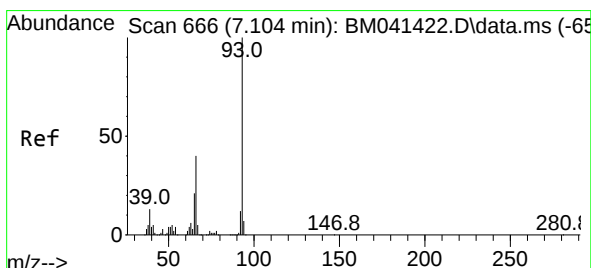
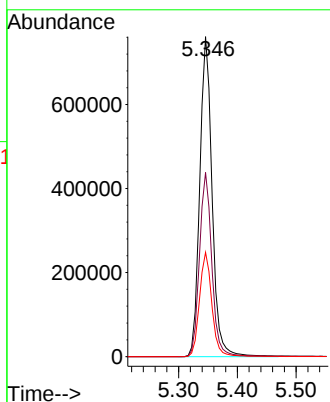
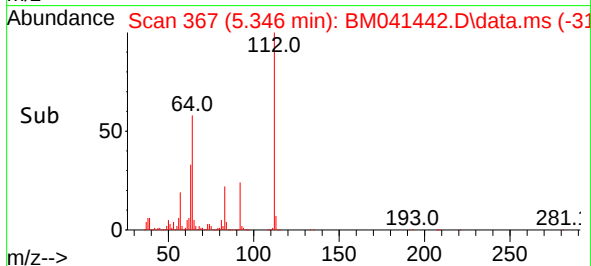
Instrument :
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ClientSampleId :
PB154955BS



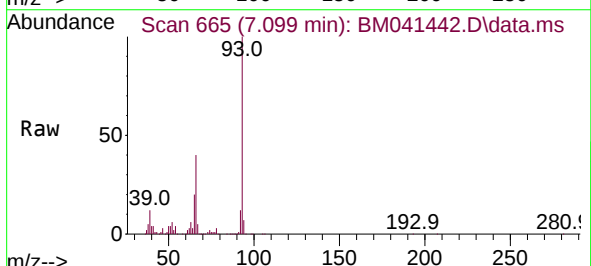
Tgt Ion: 112 Resp: 1110079
Ion Ratio Lower Upper
112 100
64 57.5 47.3 70.9
63 32.6 26.5 39.7

Manual Integrations
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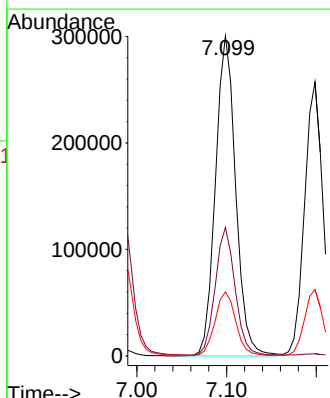
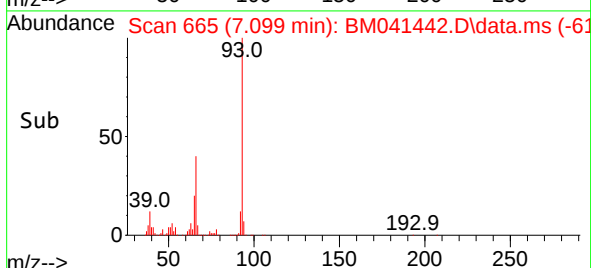
Reviewed By :Yogesh Patel 08/22/2023
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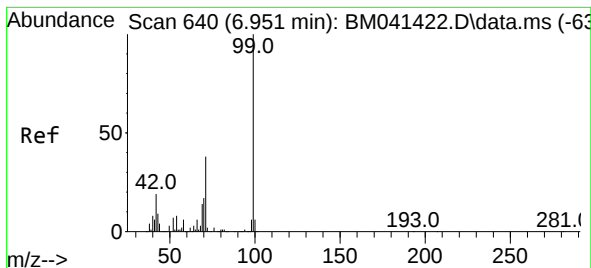


#6
Aniline
Concen: 28.932 ng
RT: 7.099 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion: 93 Resp: 470981
Ion Ratio Lower Upper
93 100
66 40.2 31.8 47.8
65 20.0 16.8 25.2





#7

Phenol-d6

Concen: 104.041 ng

RT: 6.957 min Scan# 641

Delta R.T. 0.000 min

Lab File: BM041442.D

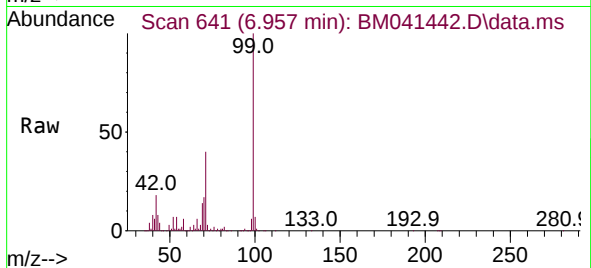
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS



Tgt Ion: 99 Resp: 1424285

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

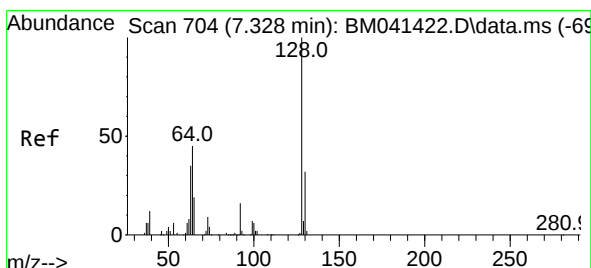
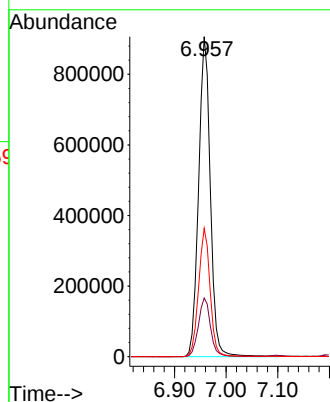
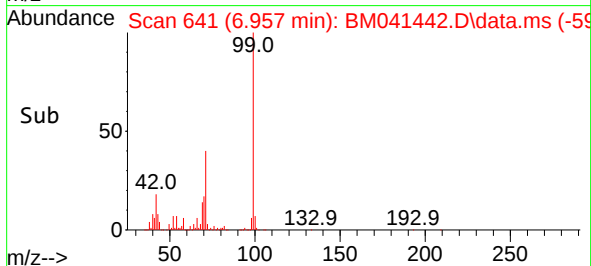
71 40.1 30.7 46.1

Manual Integrations

APPROVED

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#8

2-Chlorophenol

Concen: 37.682 ng

RT: 7.328 min Scan# 704

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

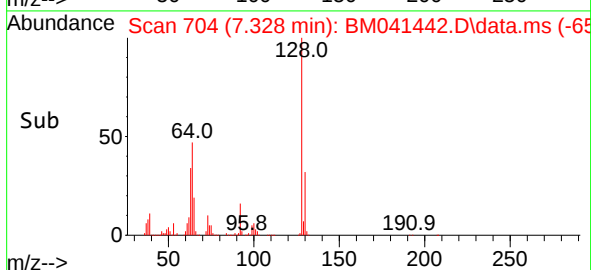
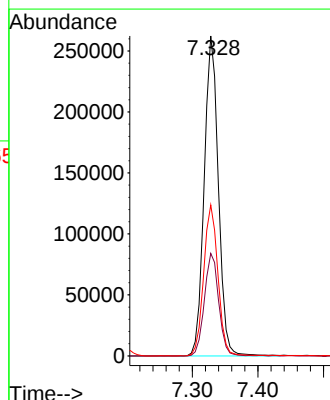
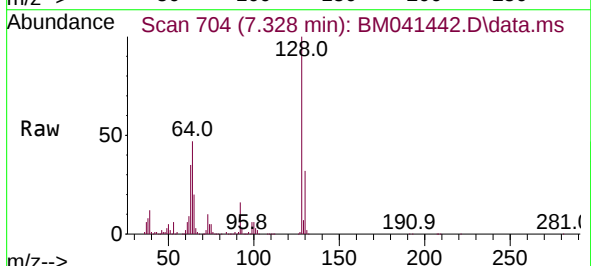
Tgt Ion:128 Resp: 392497

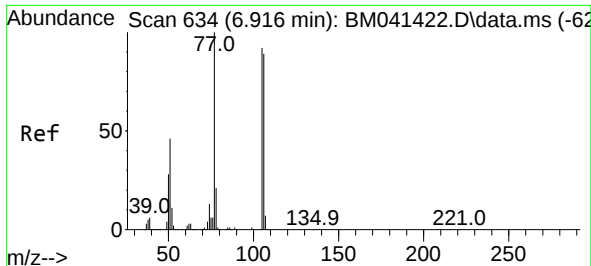
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 47.2 28.8 68.8





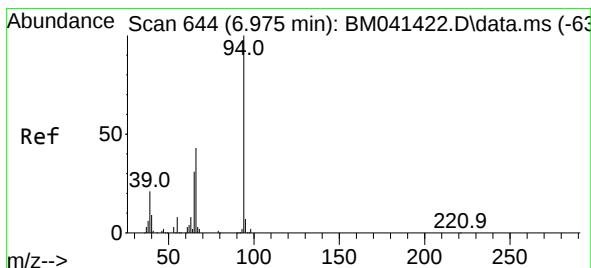
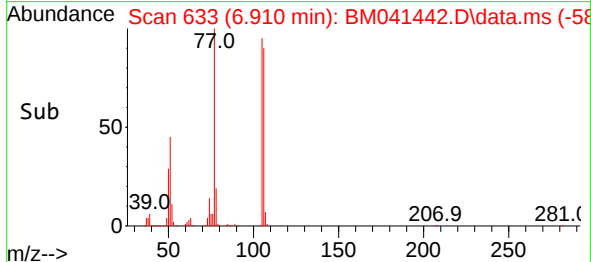
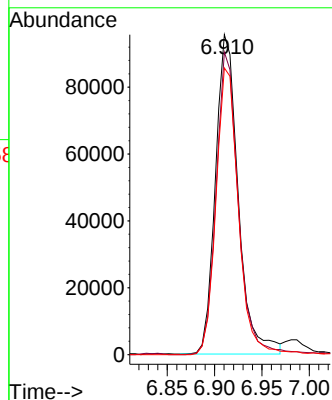
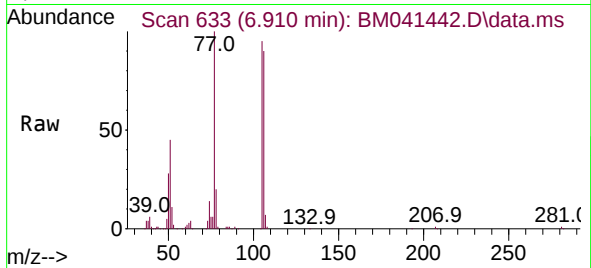
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Benzaldehyde
Concen: 21.141 ng
RT: 6.910 min Scan# 634
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Instrument :
BNA_M
ClientSampleId :
PB154955BS

Tgt Ion: 77 Resp: 159788
Ion Ratio Lower Upper
77 100
105 94.5 71.7 111.7
106 89.6 68.6 108.6

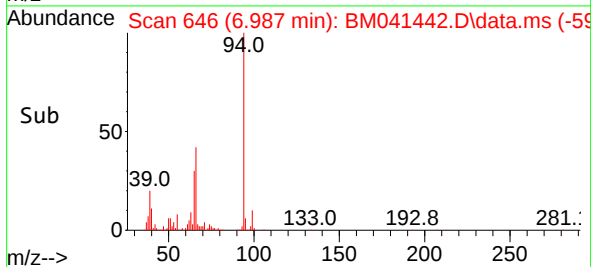
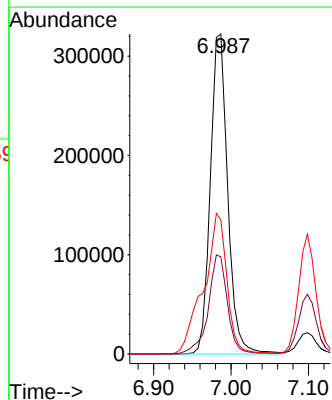
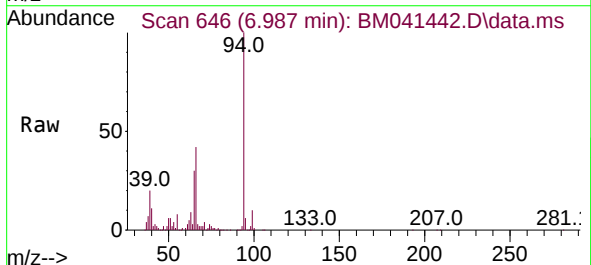
Manual Integrations
APPROVED

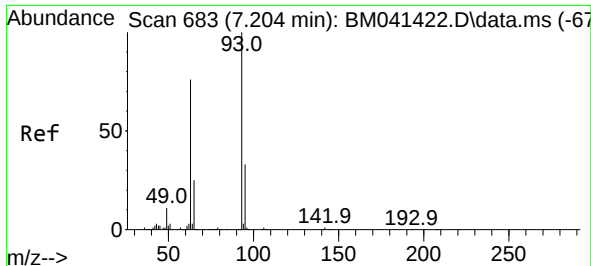
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#10
Phenol
Concen: 37.996 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion: 94 Resp: 502561
Ion Ratio Lower Upper
94 100
65 30.3 11.0 51.0
66 41.9 23.9 63.9





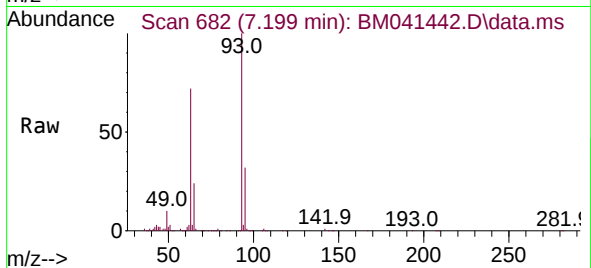
#11
bis(2-Chloroethyl)ether
Concen: 34.986 ng
RT: 7.199 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

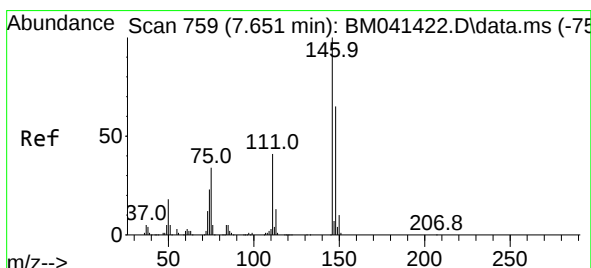
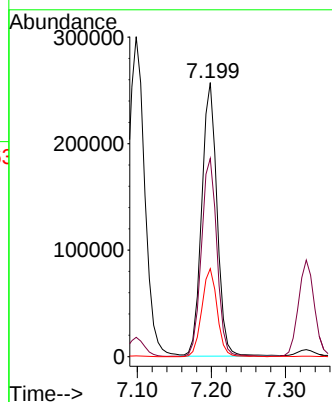
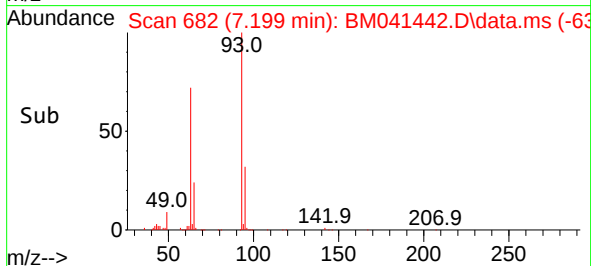


Tgt Ion: 93 Resp: 370190
Ion Ratio Lower Upper
93 100
63 72.3 55.2 95.2
95 32.1 12.4 52.4

Manual Integrations

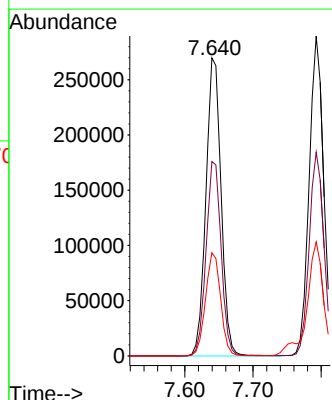
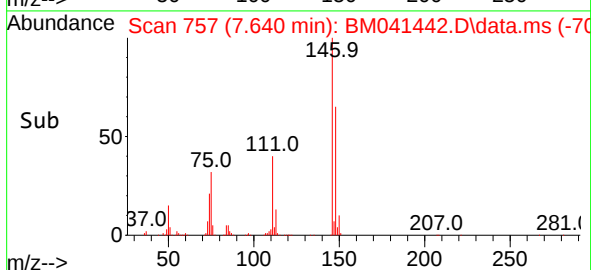
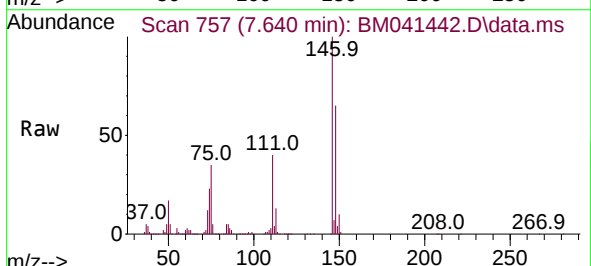
APPROVED

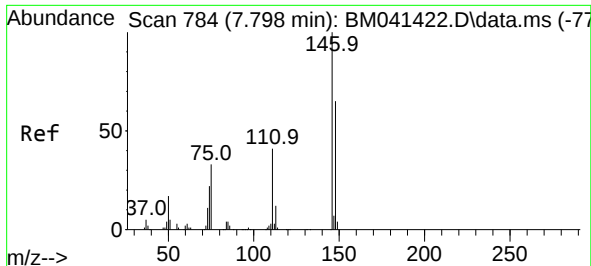
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
1,3-Dichlorobenzene
Concen: 36.015 ng
RT: 7.640 min Scan# 757
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:146 Resp: 416935
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 34.6 27.6 41.4





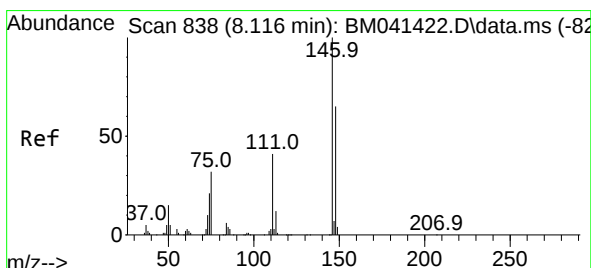
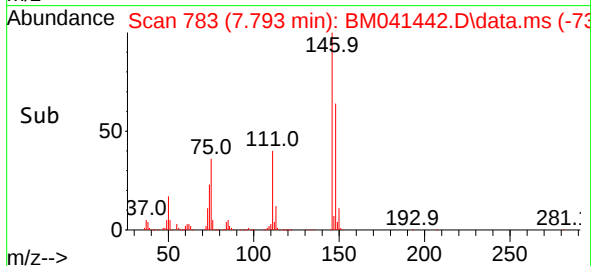
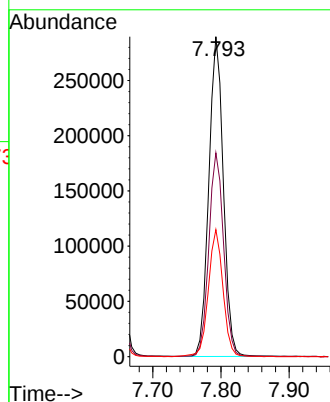
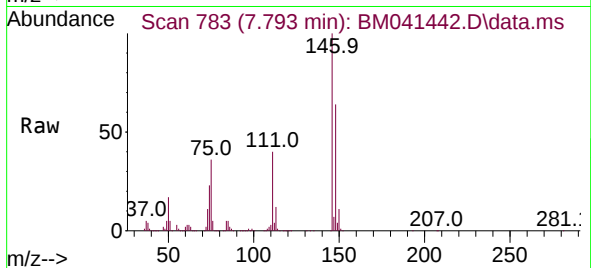
#13
1,4-Dichlorobenzene
Concen: 36.610 ng
RT: 7.793 min Scan# 781
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Instrument :
BNA_M
ClientSampleId :
PB154955BS

Tgt Ion:146 Resp: 428501
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 39.7 32.8 49.2

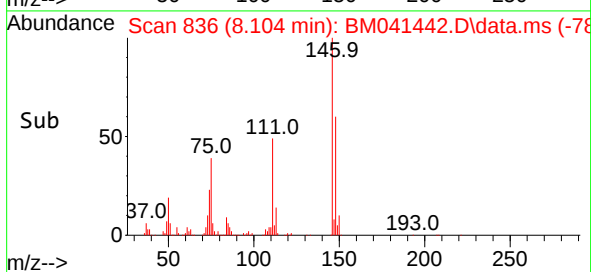
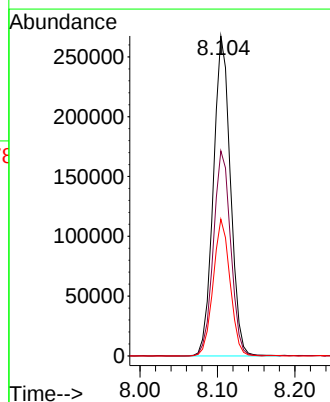
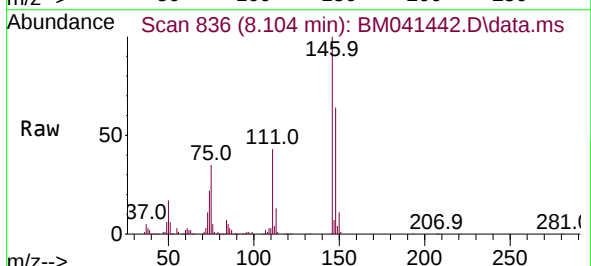
Manual Integrations
APPROVED

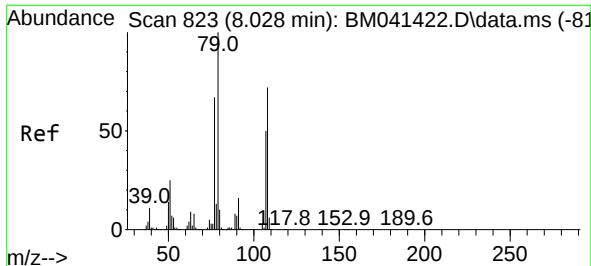
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#14
1,2-Dichlorobenzene
Concen: 36.264 ng
RT: 8.104 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

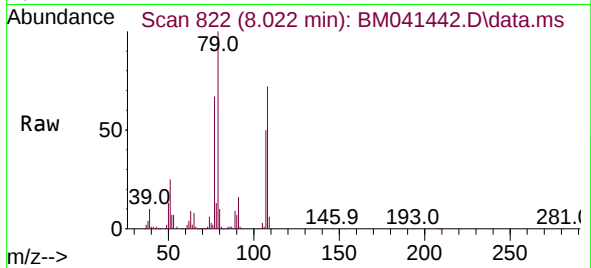
Tgt Ion:146 Resp: 409694
Ion Ratio Lower Upper
146 100
148 64.1 52.0 78.0
111 42.7 33.4 50.0





#15
Benzyl Alcohol
Concen: 36.873 ng m
RT: 8.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

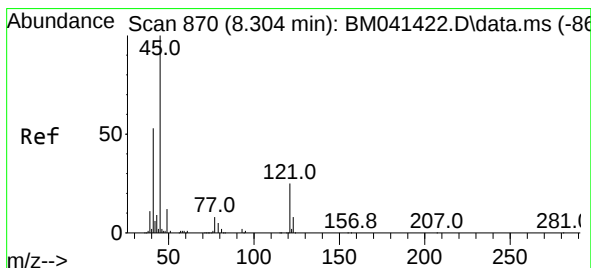
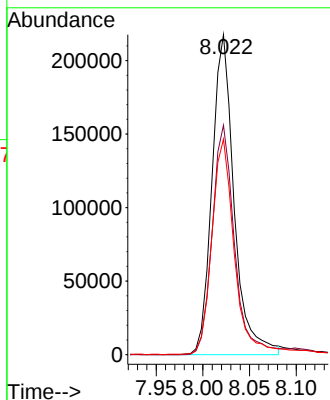
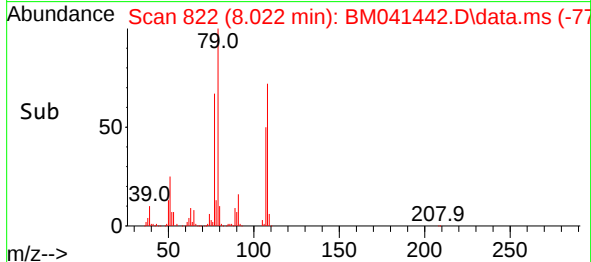
Instrument :
BNA_M
ClientSampleId :
PB154955BS



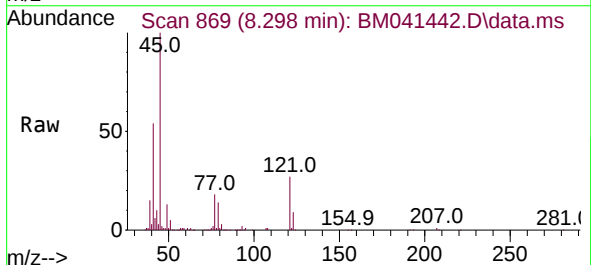
Tgt Ion: 79 Resp: 358360
Ion Ratio Lower Upper
79 100
108 71.7 57.8 86.8
77 67.3 53.4 80.2

Manual Integrations
APPROVED

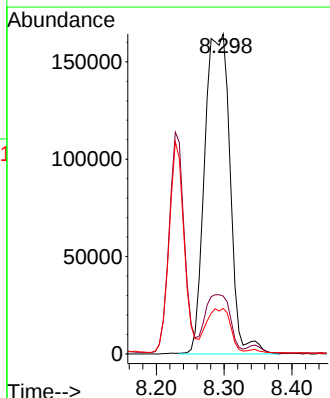
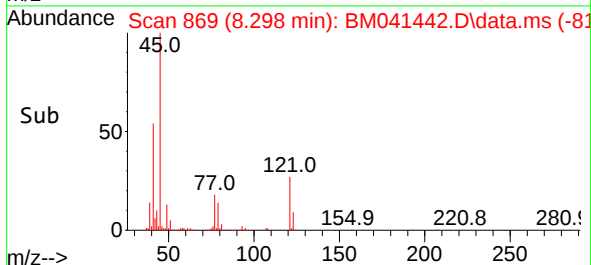
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

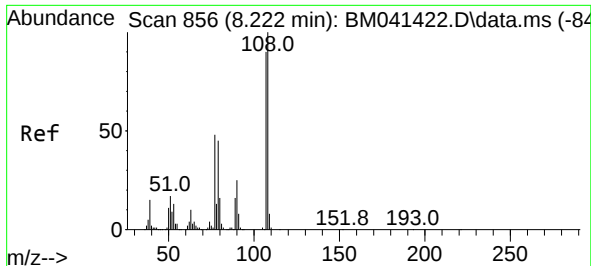


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.612 ng m
RT: 8.298 min Scan# 869
Delta R.T. 0.018 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



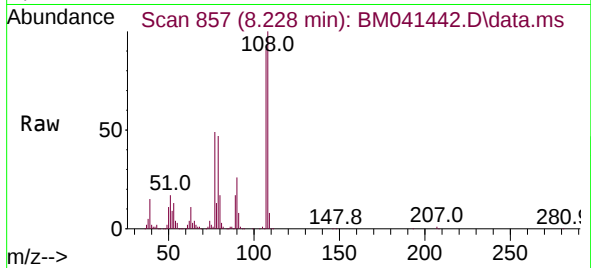
Tgt Ion: 45 Resp: 426710
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.3
79 14.3 0.0 33.8





#17
2-Methylphenol
Concen: 35.162 ng
RT: 8.228 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

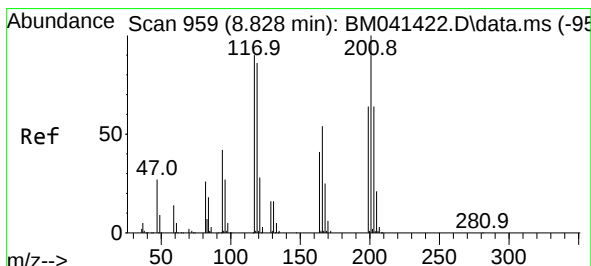
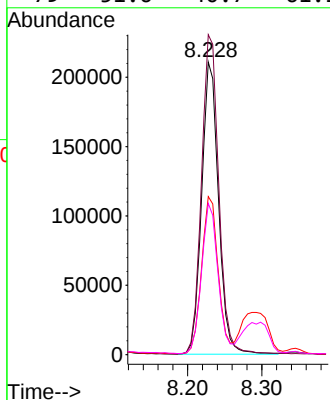
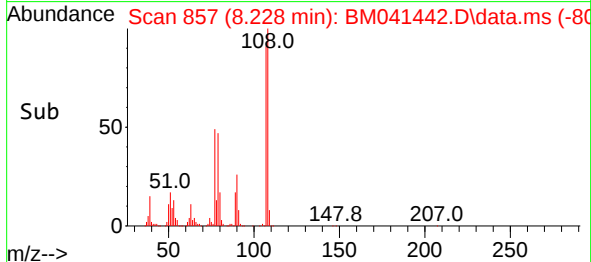
Instrument :
BNA_M
ClientSampleId :
PB154955BS



Tgt Ion:107 Resp: 332459
Ion Ratio Lower Upper
107 100
108 109.4 89.2 133.8
77 54.0 43.4 65.0
79 51.6 40.7 61.1

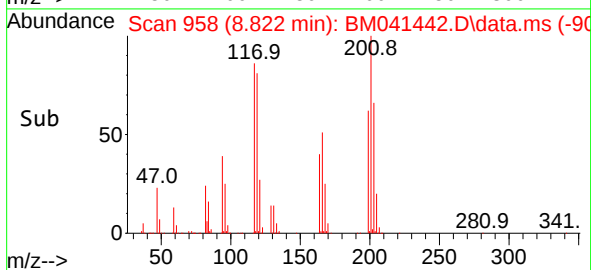
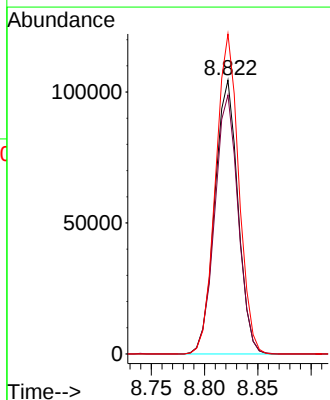
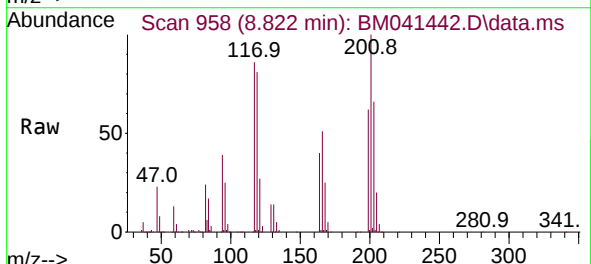
Manual Integrations
APPROVED

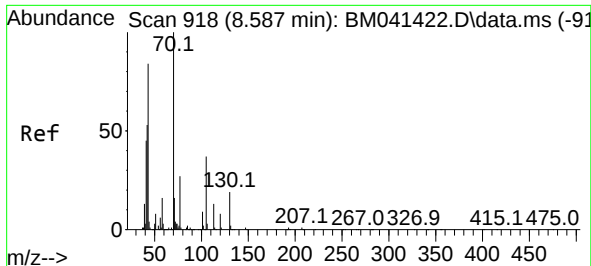
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#18
Hexachloroethane
Concen: 35.610 ng
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:117 Resp: 158275
Ion Ratio Lower Upper
117 100
119 94.6 76.3 114.5
201 116.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.648 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.006 min

Lab File: BM041442.D

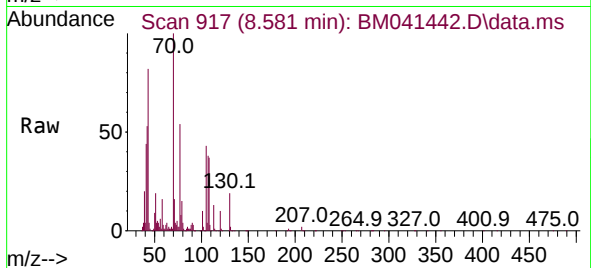
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS



Tgt Ion: 70 Resp: 316005

Ion Ratio Lower Upper

70 100

42 52.6 42.6 63.8

101 9.9 7.4 11.0

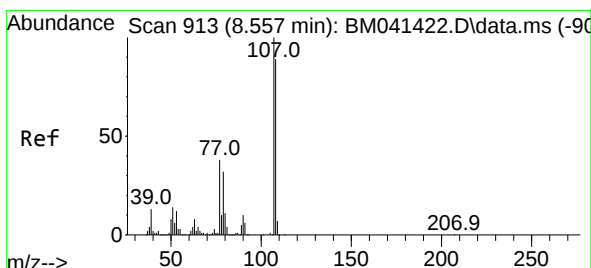
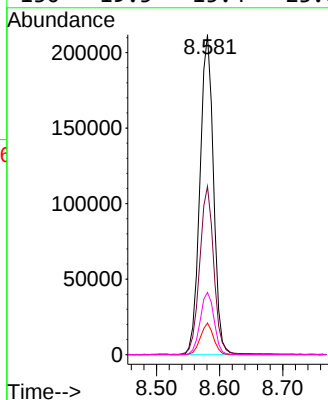
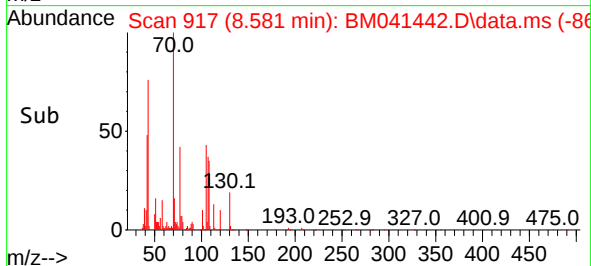
130 19.5 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#20

3+4-Methylphenols

Concen: 34.786 ng

RT: 8.563 min Scan# 914

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion:107 Resp: 451730

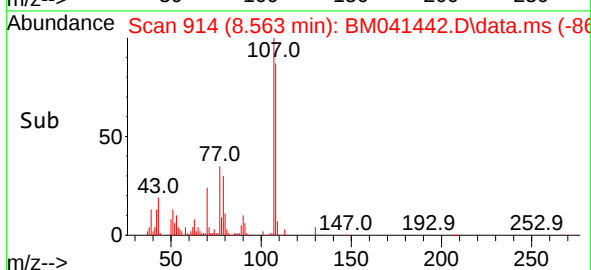
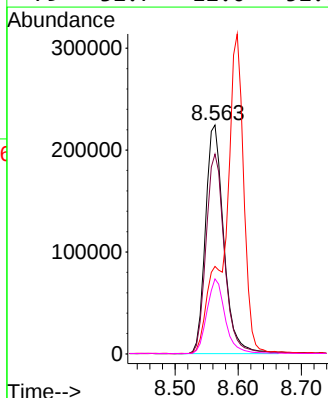
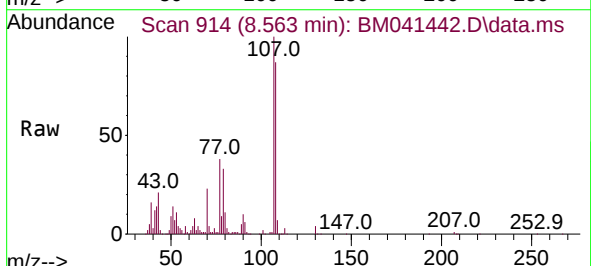
Ion Ratio Lower Upper

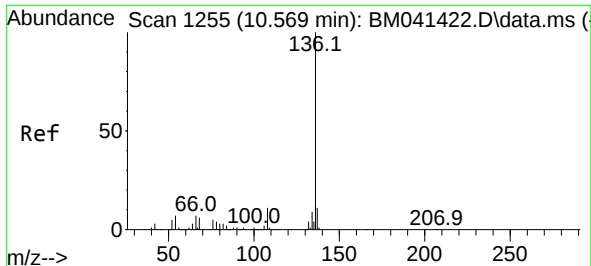
107 100

108 87.3 68.7 108.7

77 38.2 18.1 58.1

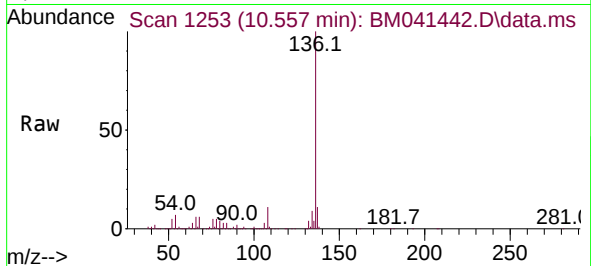
79 32.7 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

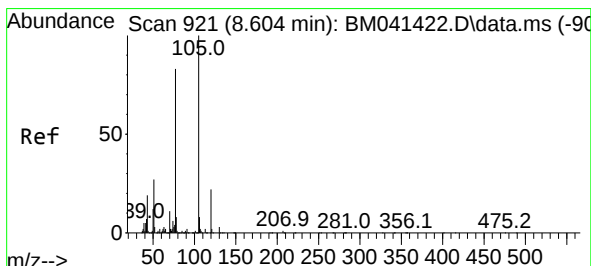
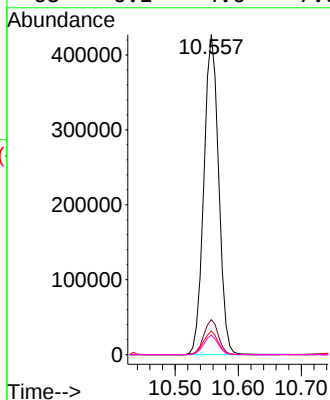
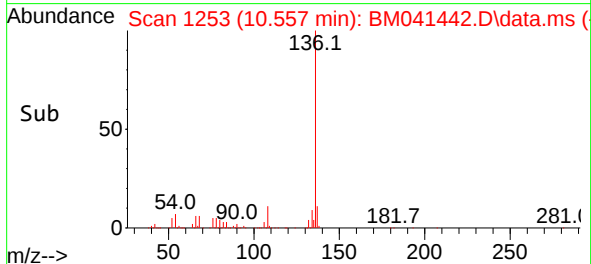
Instrument :
BNA_M
ClientSampleId :
PB154955BS



Tgt Ion:136 Resp: 693004
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.7 8.5
68 6.1 4.6 7.0

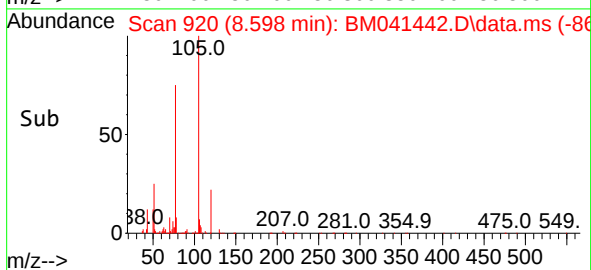
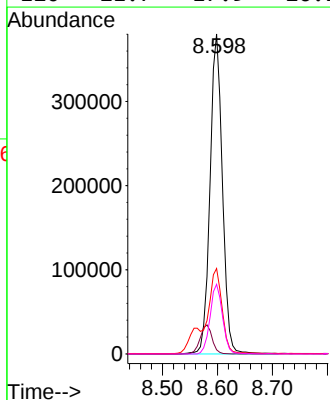
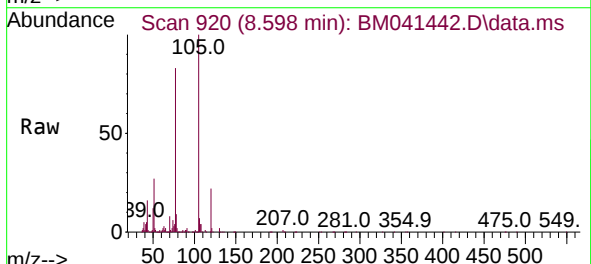
Manual Integrations
APPROVED

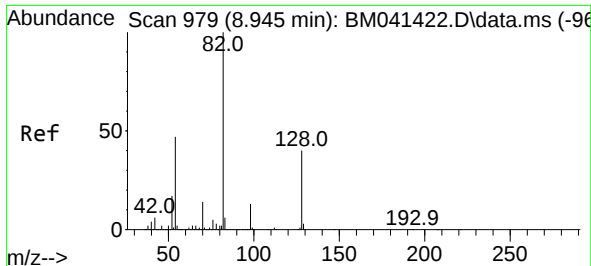
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Acetophenone
Concen: 33.354 ng
RT: 8.598 min Scan# 920
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:105 Resp: 595664
Ion Ratio Lower Upper
105 100
71 1.3 1.4 2.2#
51 26.7 21.7 32.5
120 21.7 17.9 26.9





#23

Nitrobenzene-d5

Concen: 63.697 ng

RT: 8.940 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion: 82 Resp: 924719

Ion Ratio Lower Upper

82 100

128 41.1 32.2 48.4

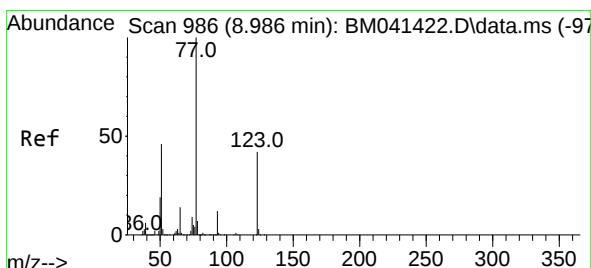
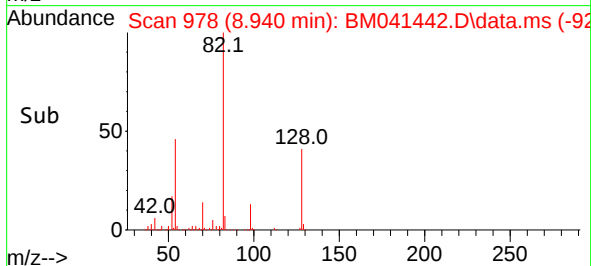
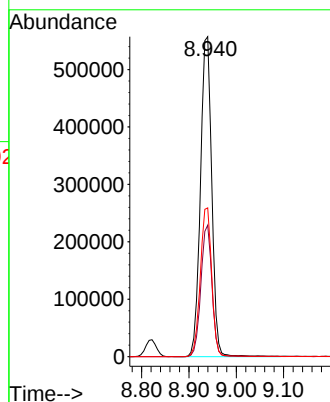
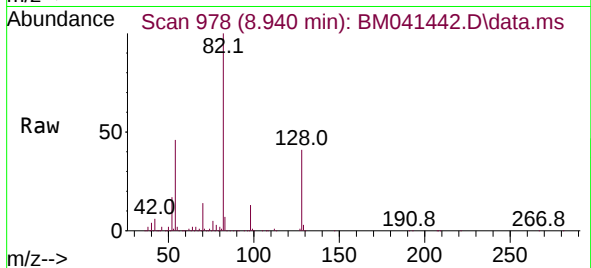
54 46.5 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#24

Nitrobenzene

Concen: 32.531 ng

RT: 8.981 min Scan# 985

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

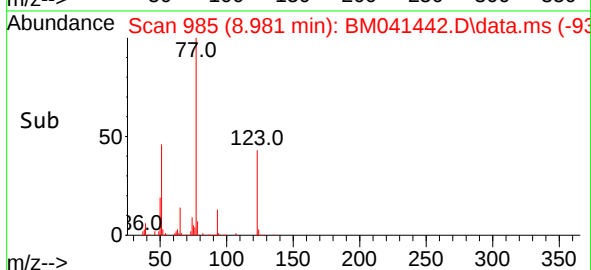
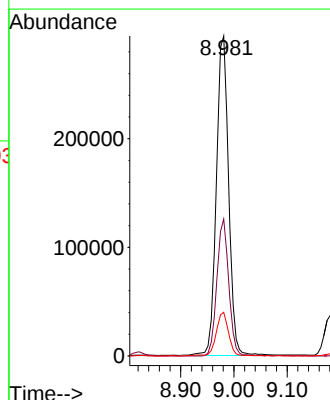
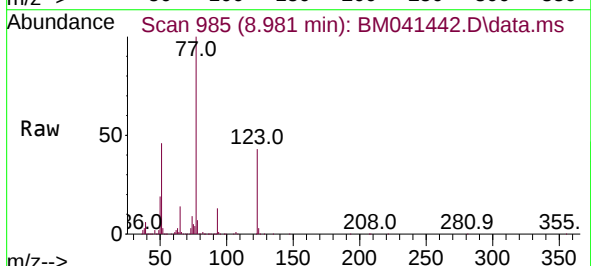
Tgt Ion: 77 Resp: 471567

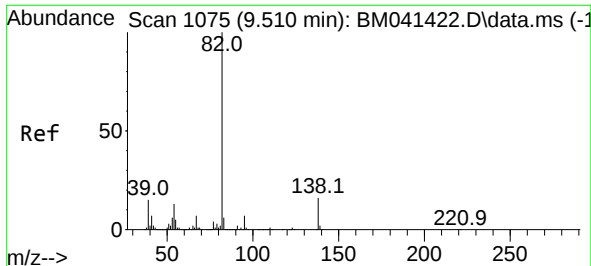
Ion Ratio Lower Upper

77 100

123 42.8 33.5 50.3

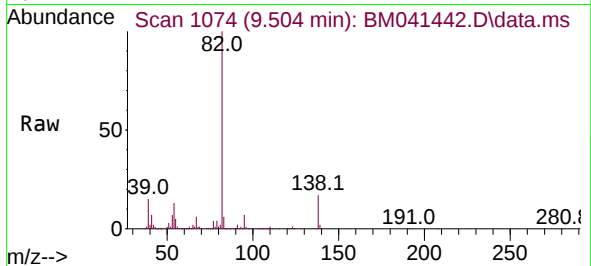
65 13.6 11.0 16.6





#25
Isophorone
Concen: 32.228 ng
RT: 9.504 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

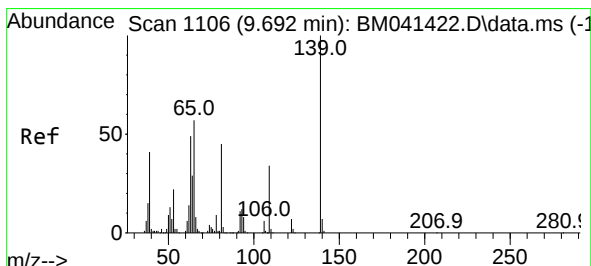
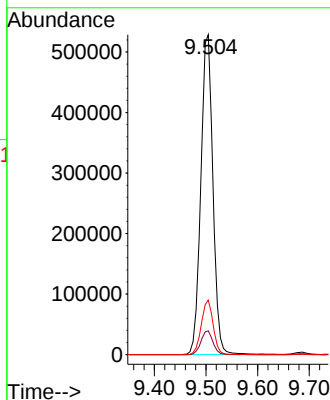
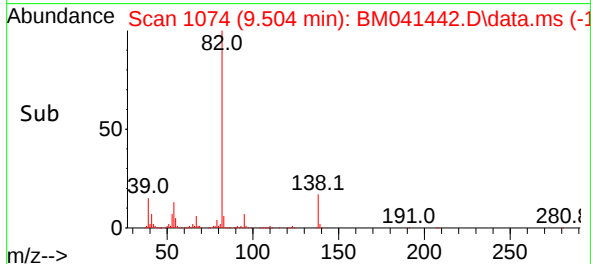
Instrument :
BNA_M
ClientSampleId :
PB154955BS



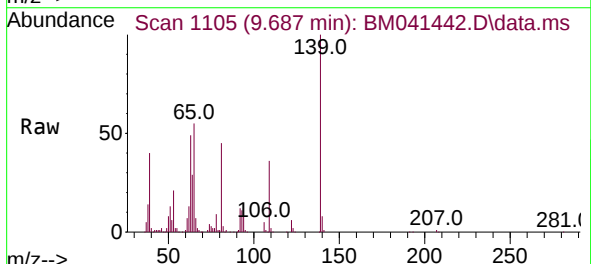
Tgt Ion: 82 Resp: 856365
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.0 12.9 19.3

Manual Integrations
APPROVED

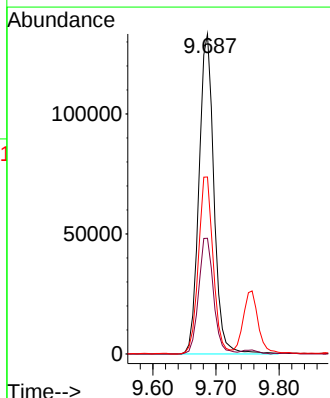
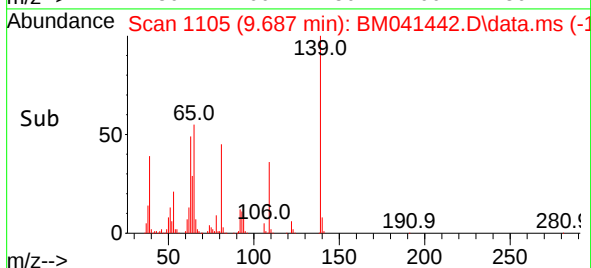
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

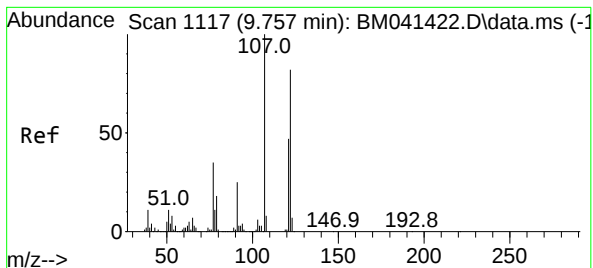


#26
2-Nitrophenol
Concen: 34.541 ng
RT: 9.687 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



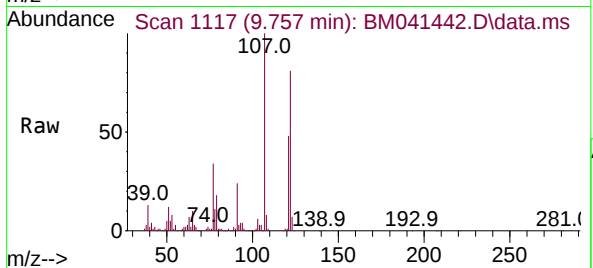
Tgt Ion:139 Resp: 218621
Ion Ratio Lower Upper
139 100
109 36.1 27.4 41.2
65 55.3 45.3 67.9





#27
2,4-Dimethylphenol
Concen: 33.976 ng
RT: 9.757 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

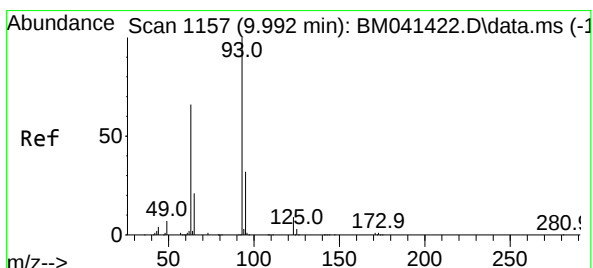
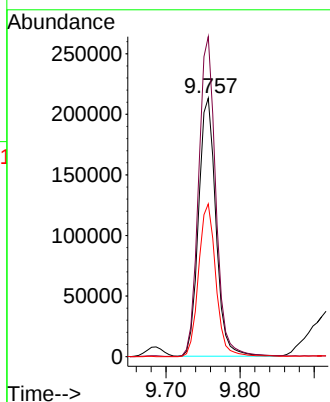
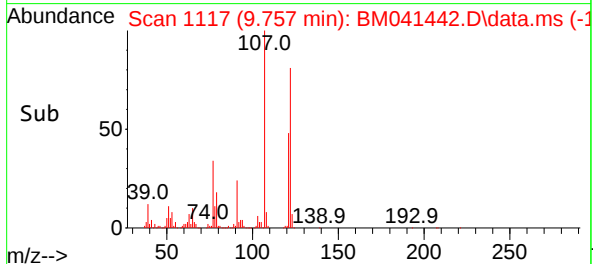
Instrument :
BNA_M
ClientSampleId :
PB154955BS



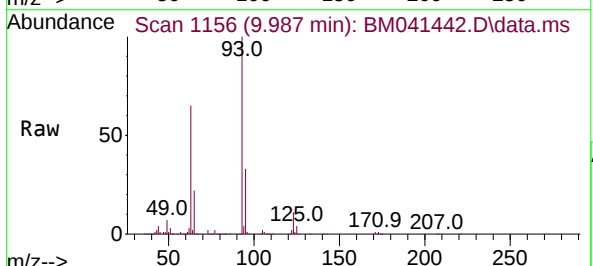
Tgt Ion:122 Resp: 346264
Ion Ratio Lower Upper
122 100
107 123.8 96.7 145.1
121 59.1 45.5 68.3

Manual Integrations
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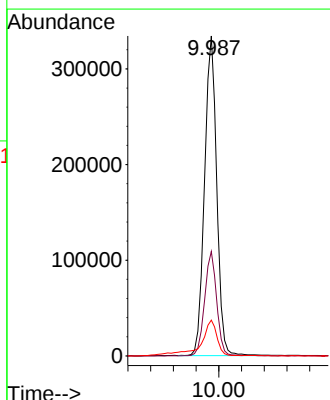
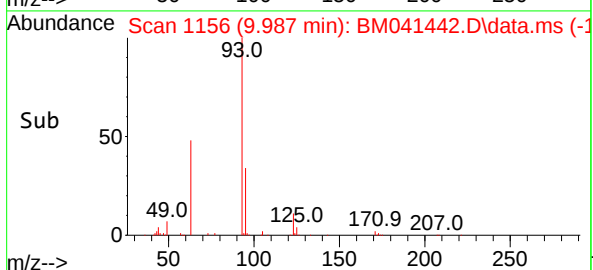
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

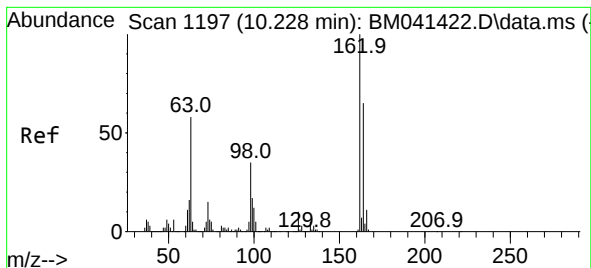


#28
bis(2-Chloroethoxy)methane
Concen: 32.274 ng
RT: 9.987 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



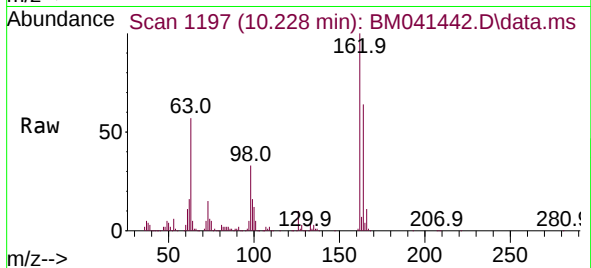
Tgt Ion: 93 Resp: 499182
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 11.2 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 36.108 ng
RT: 10.228 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

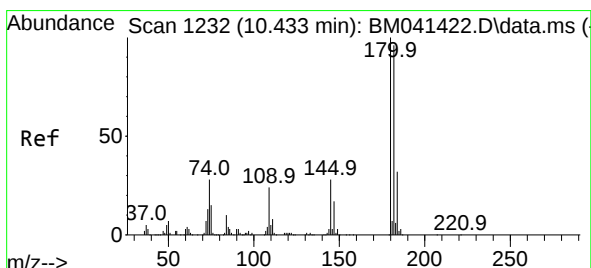
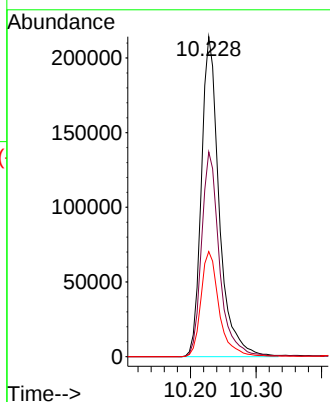
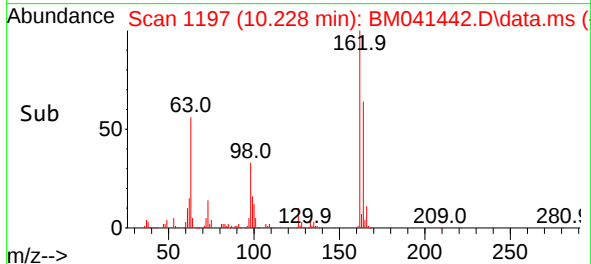
Instrument :
BNA_M
ClientSampleId :
PB154955BS



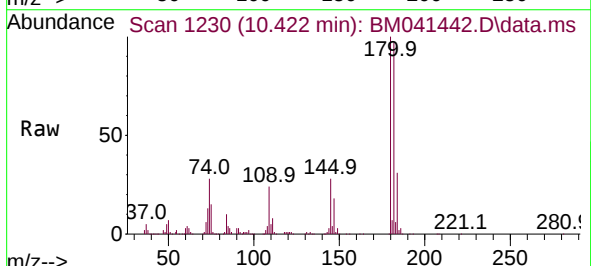
Tgt Ion:162 Resp: 403147
Ion Ratio Lower Upper
162 100
164 64.0 44.6 84.6
98 32.8 14.6 54.6

Manual Integrations
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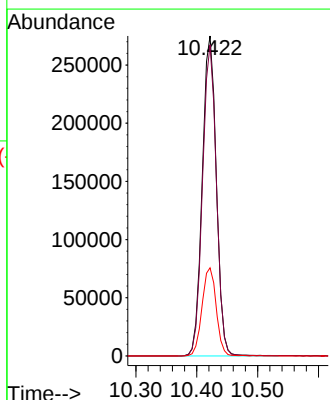
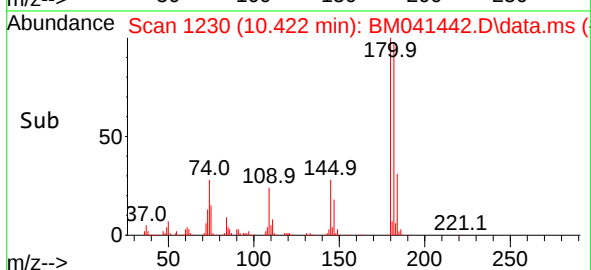
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

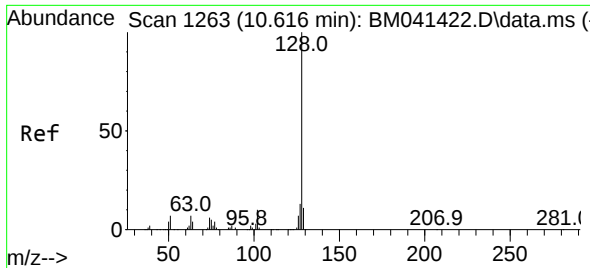


#30
1,2,4-Trichlorobenzene
Concen: 35.459 ng
RT: 10.422 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



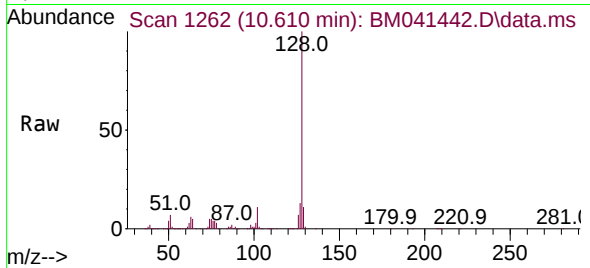
Tgt Ion:180 Resp: 439578
Ion Ratio Lower Upper
180 100
182 97.2 76.6 114.8
145 27.6 22.4 33.6





#31
Naphthalene
Concen: 33.069 ng
RT: 10.610 min Scan# 1191513
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

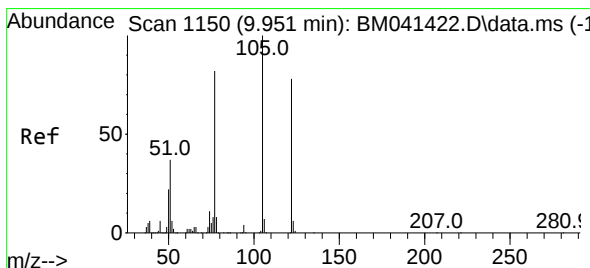
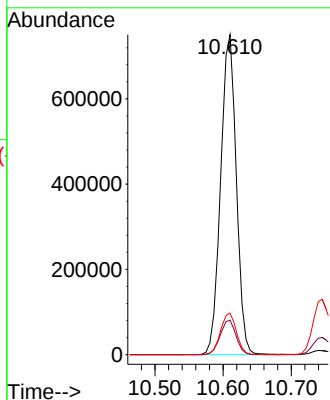
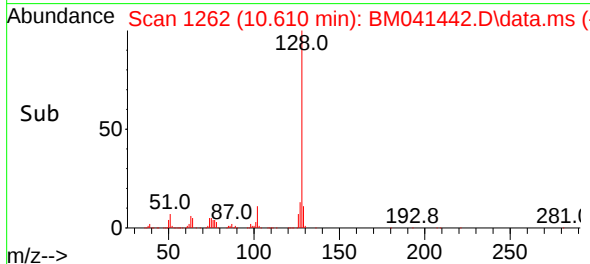
Instrument :
BNA_M
ClientSampleId :
PB154955BS



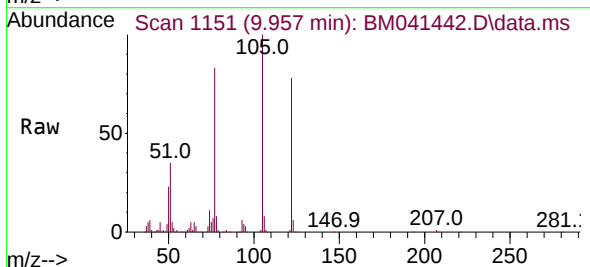
Tgt Ion:128 Resp: 1191513
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.0 10.6 15.8

Manual Integrations
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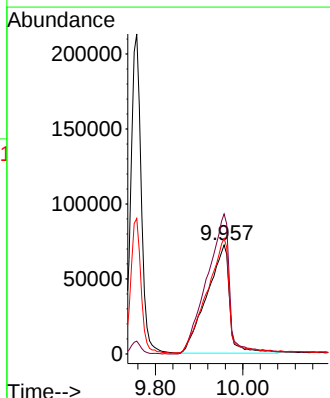
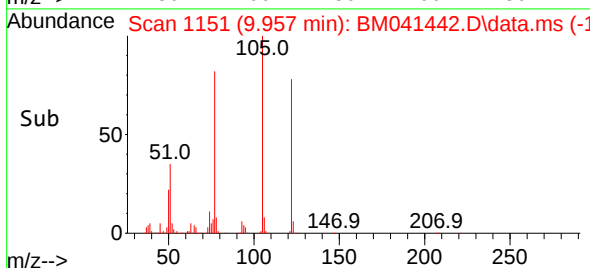
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

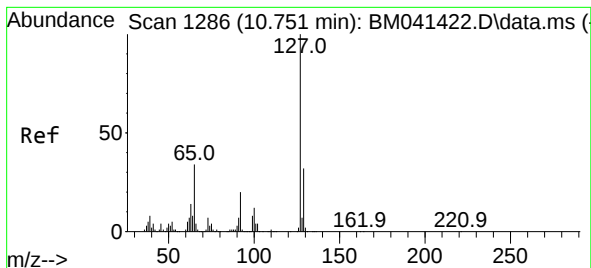


#32
Benzoic acid
Concen: 31.923 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:122 Resp: 261300
Ion Ratio Lower Upper
122 100
105 128.5 107.1 147.1
77 106.0 84.8 124.8





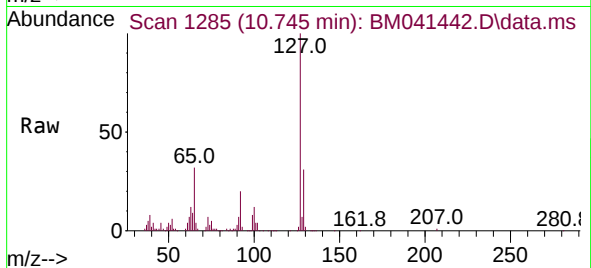
#33
4-Chloroaniline
Concen: 17.334 ng
RT: 10.745 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

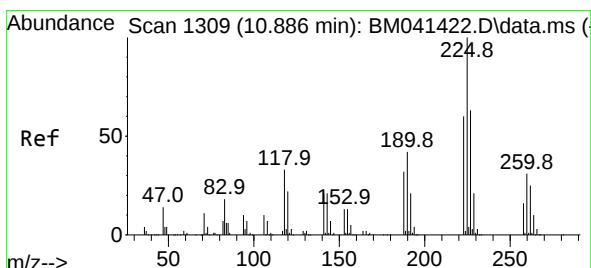
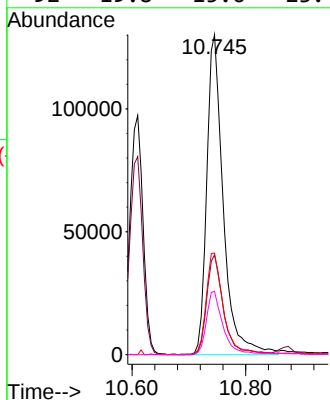
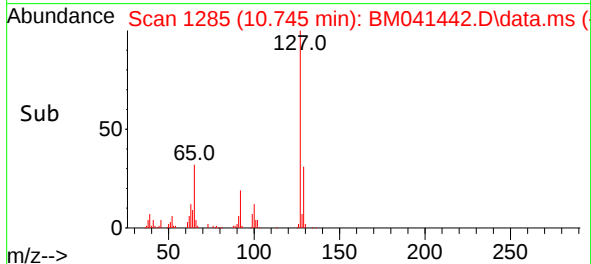


Tgt Ion:127 Resp: 263680
Ion Ratio Lower Upper
127 100
129 31.2 25.4 38.2
65 31.7 27.1 40.7
92 19.8 15.6 23.4

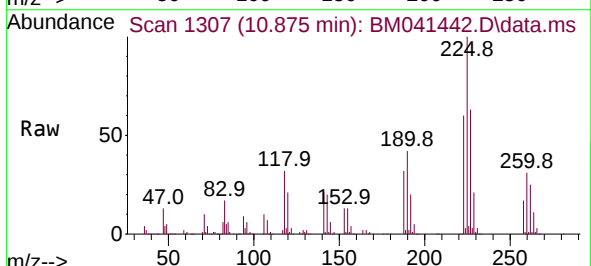
Manual Integrations

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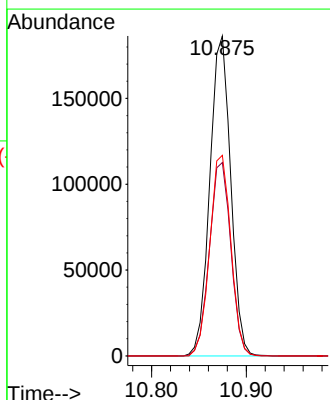
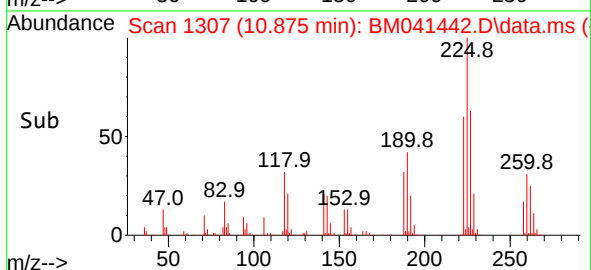
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

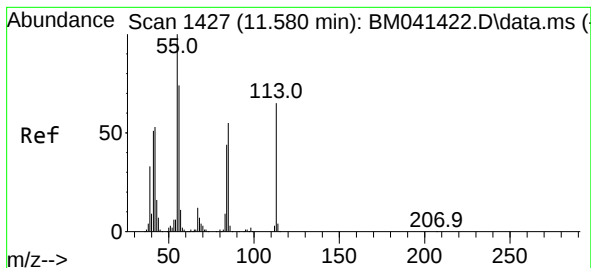


#34
Hexachlorobutadiene
Concen: 34.788 ng
RT: 10.875 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



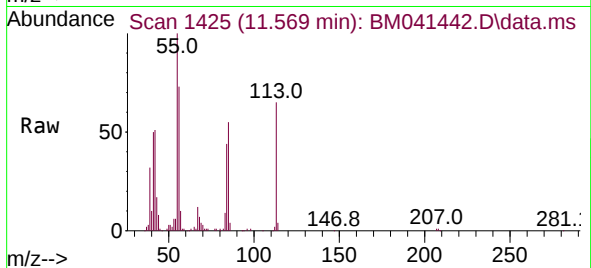
Tgt Ion:225 Resp: 285210
Ion Ratio Lower Upper
225 100
223 60.4 48.1 72.1
227 62.7 50.4 75.6





#35
Caprolactam
Concen: 32.751 ng m
RT: 11.569 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

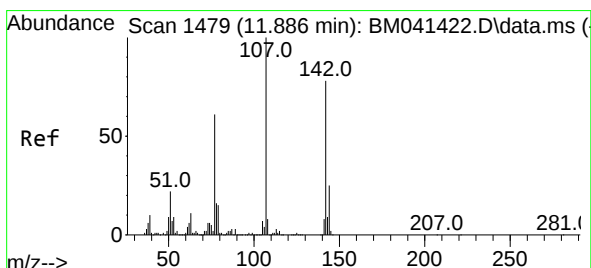
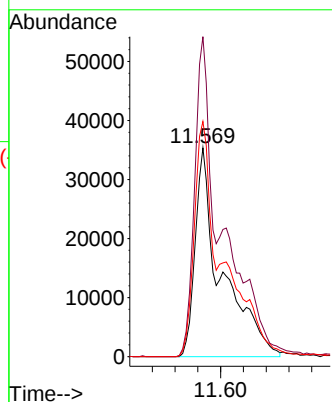
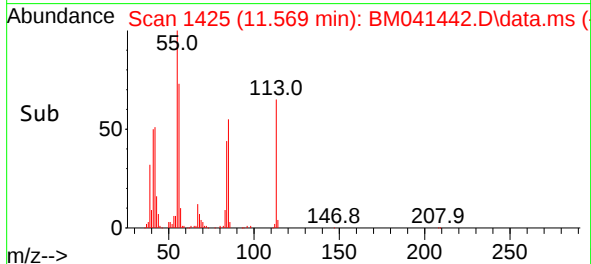
Instrument :
BNA_M
ClientSampleId :
PB154955BS



Tgt Ion:113 Resp: 11335
Ion Ratio Lower Upper
113 100
55 153.3 135.3 175.3
56 112.6 94.4 134.4

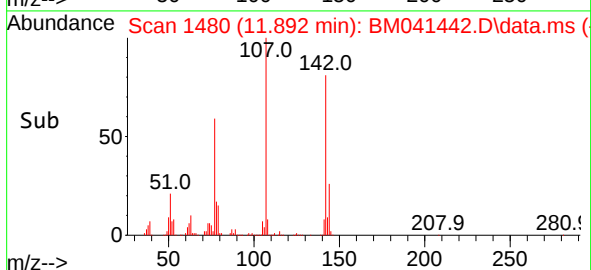
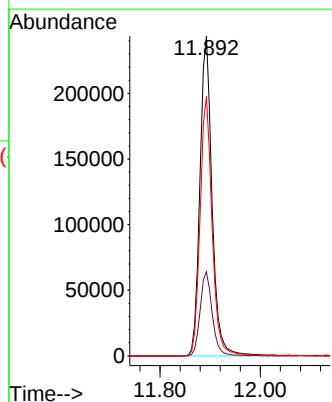
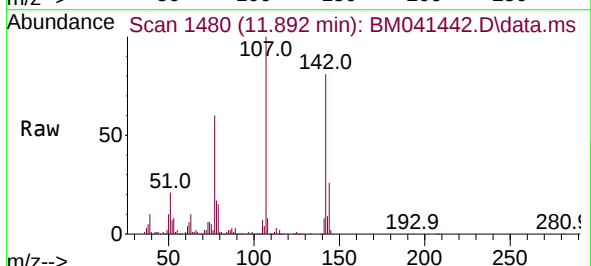
Manual Integrations
APPROVED

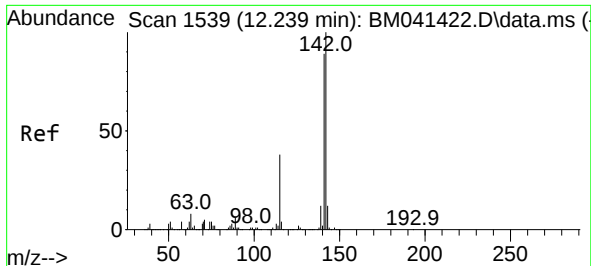
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#36
4-Chloro-3-methylphenol
Concen: 34.408 ng
RT: 11.892 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

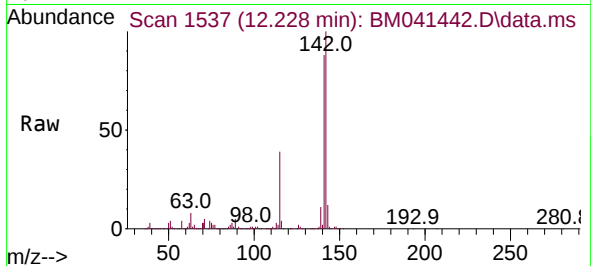
Tgt Ion:107 Resp: 408841
Ion Ratio Lower Upper
107 100
144 26.3 20.3 30.5
142 81.0 62.7 94.1





#37
2-Methylnaphthalene
Concen: 32.165 ng
RT: 12.228 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

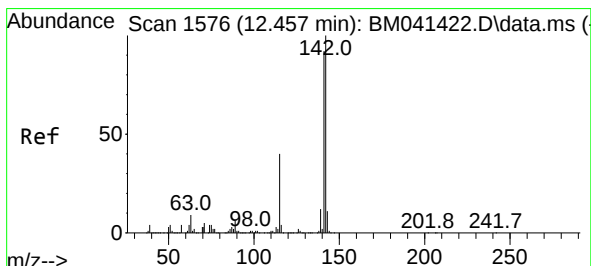
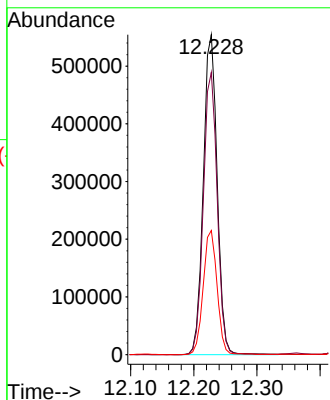
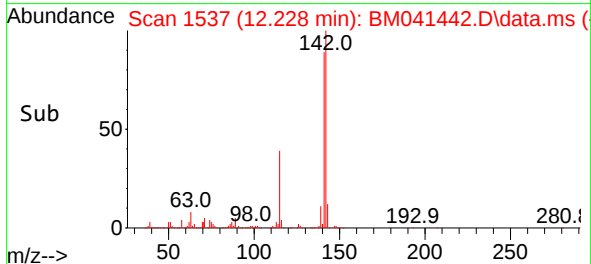
Instrument :
BNA_M
ClientSampleId :
PB154955BS



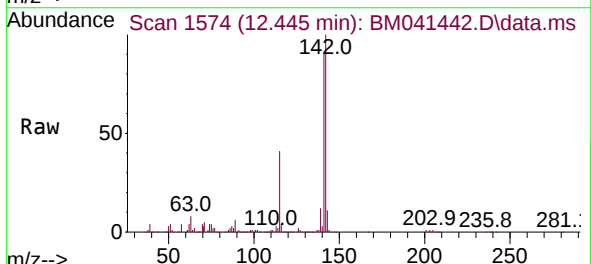
Tgt Ion:142 Resp: 843288
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0
115 38.8 30.8 46.2

Manual Integrations
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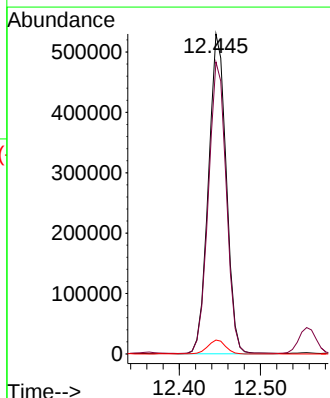
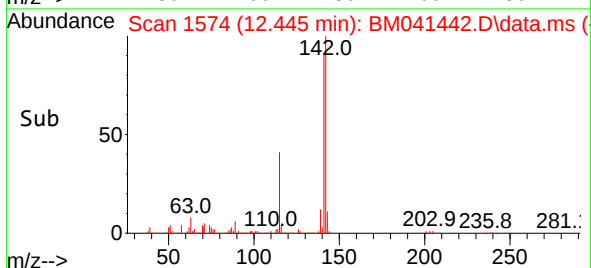
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

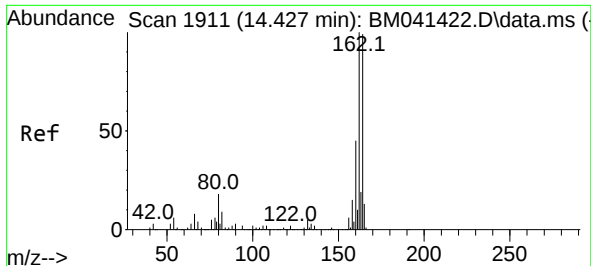


#38
1-Methylnaphthalene
Concen: 32.577 ng
RT: 12.445 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



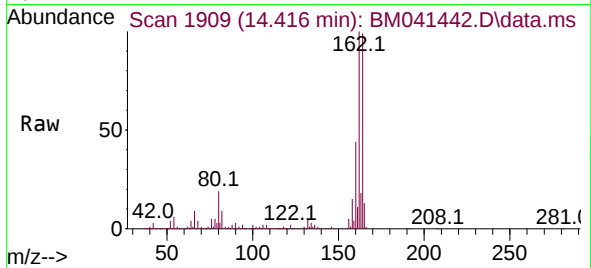
Tgt Ion:142 Resp: 806917
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9
116 4.3 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

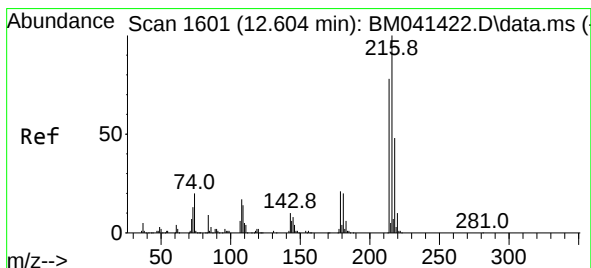
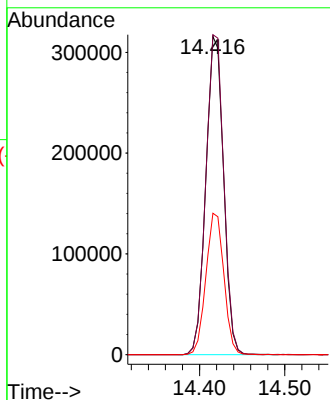
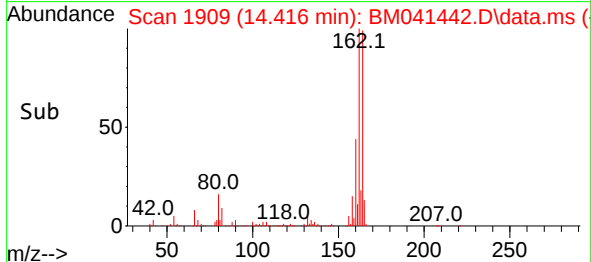
Instrument :
BNA_M
ClientSampleId :
PB154955BS



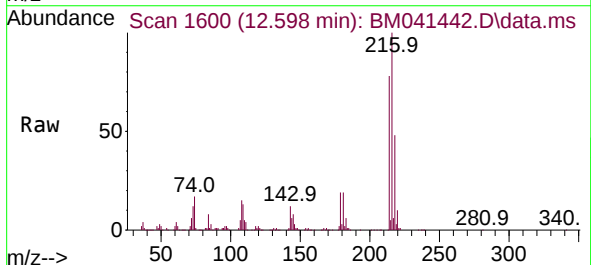
Tgt Ion:164 Resp: 454782
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 44.4 35.9 53.9

Manual Integrations
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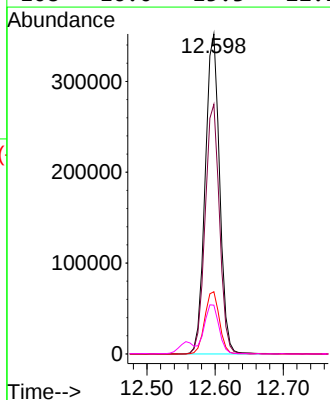
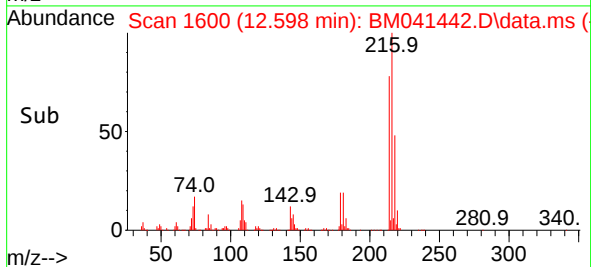
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

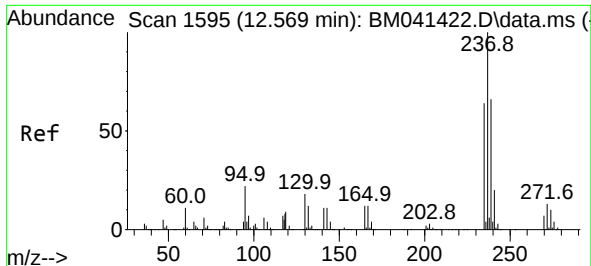


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.834 ng
RT: 12.598 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:216 Resp: 516850
Ion Ratio Lower Upper
216 100
214 77.8 62.4 93.6
179 19.8 16.2 24.4
108 16.0 15.3 22.9





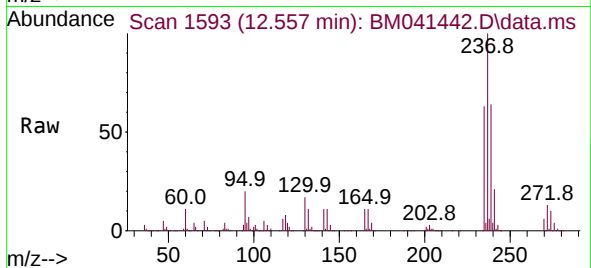
#41
Hexachlorocyclopentadiene
Concen: 73.719 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

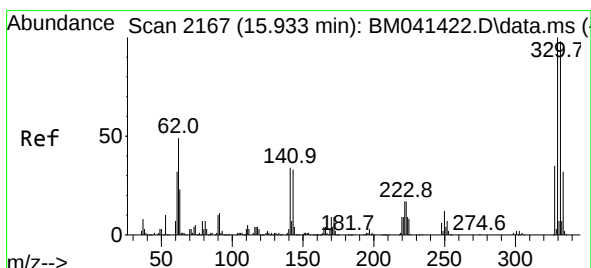
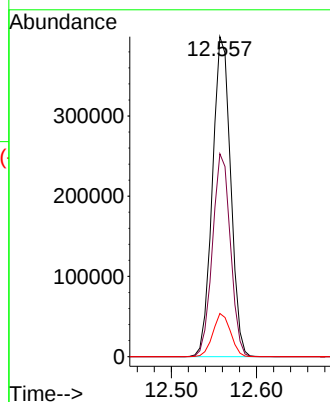
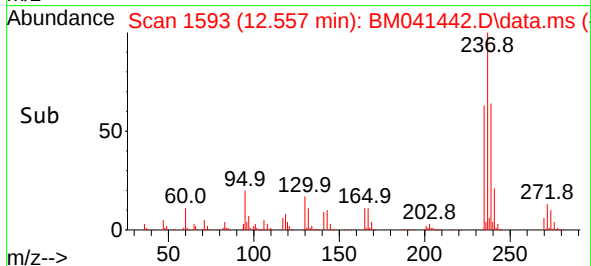


Tgt Ion:237 Resp: 590742
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.5 0.0 32.8

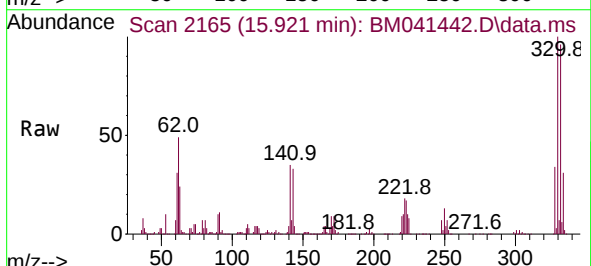
Manual Integrations

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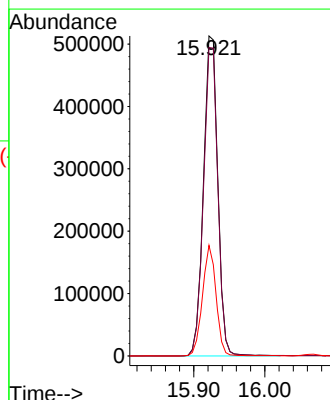
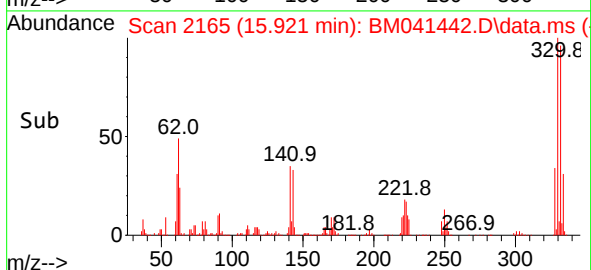
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

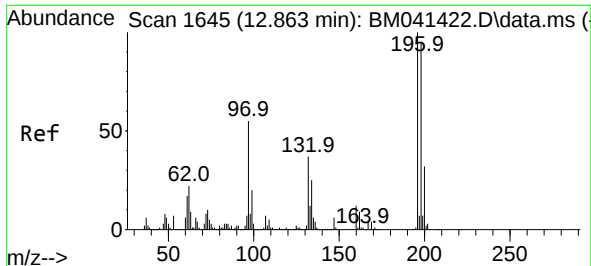


#42
2,4,6-Tribromophenol
Concen: 99.115 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:330 Resp: 715324
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.8 28.3 42.5





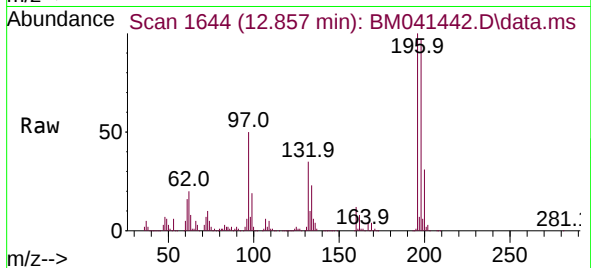
#43
2,4,6-Trichlorophenol
Concen: 35.598 ng
RT: 12.857 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

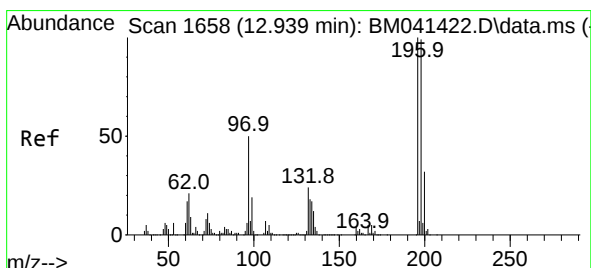
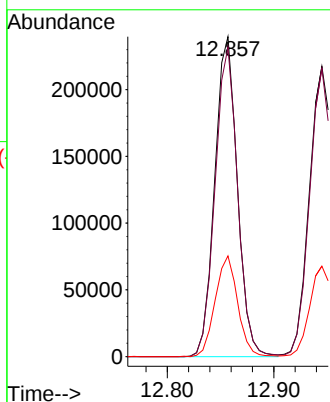
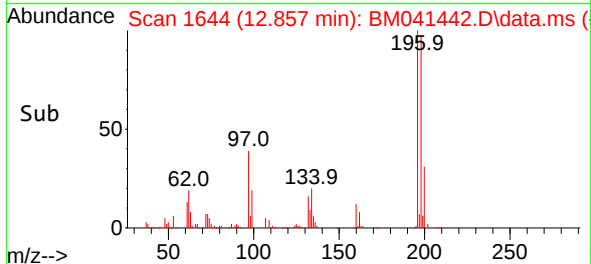


Tgt Ion:196 Resp: 353489
Ion Ratio Lower Upper
196 100
198 96.7 75.9 113.9
200 31.5 25.4 38.2

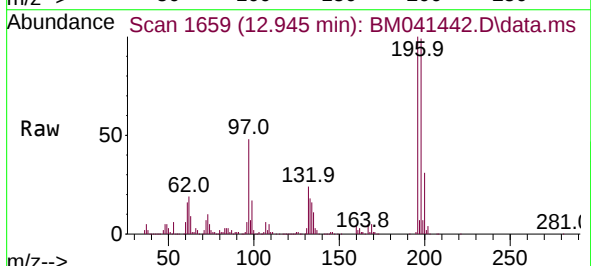
Manual Integrations

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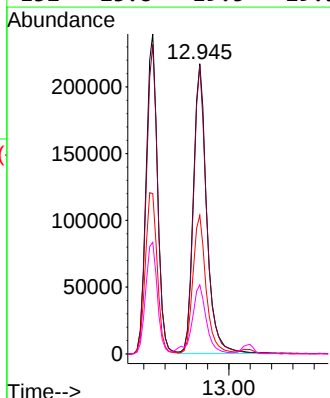
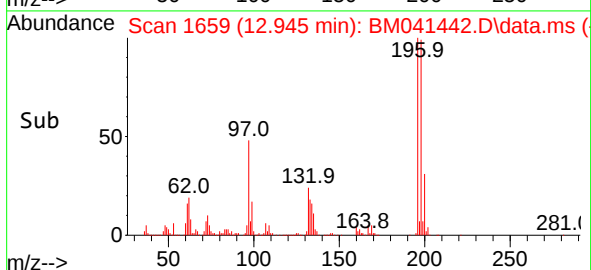
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

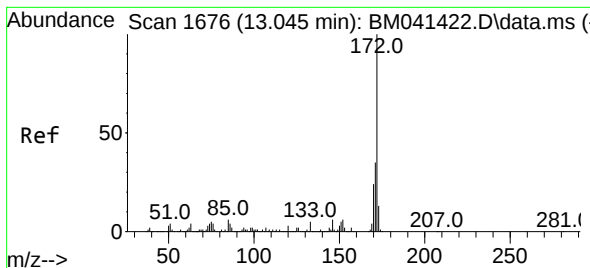


#44
2,4,5-Trichlorophenol
Concen: 33.070 ng
RT: 12.945 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



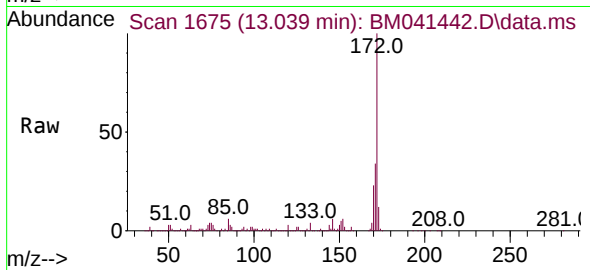
Tgt Ion:196 Resp: 380157
Ion Ratio Lower Upper
196 100
198 99.3 79.1 118.7
97 47.8 39.9 59.9
132 23.8 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 65.037 ng
RT: 13.039 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

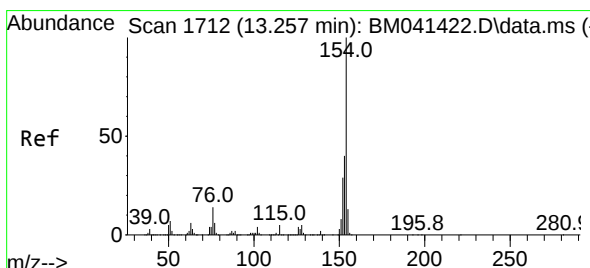
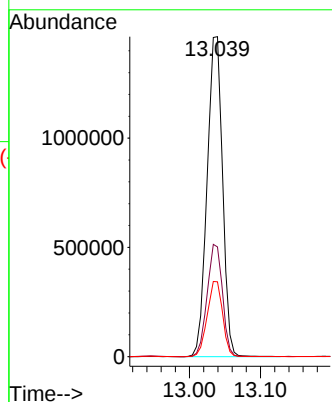
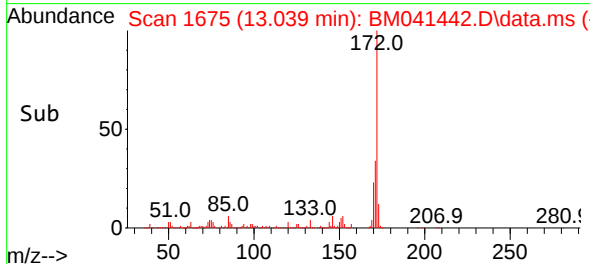
Instrument :
BNA_M
ClientSampleId :
PB154955BS



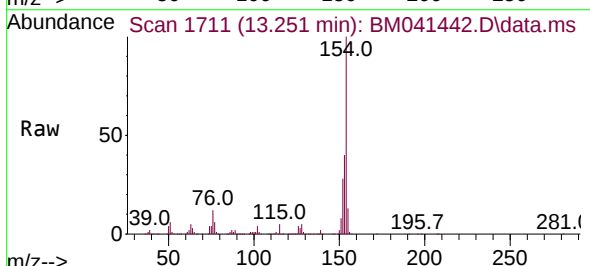
Tgt Ion:172 Resp: 220725
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.4 19.0 28.6

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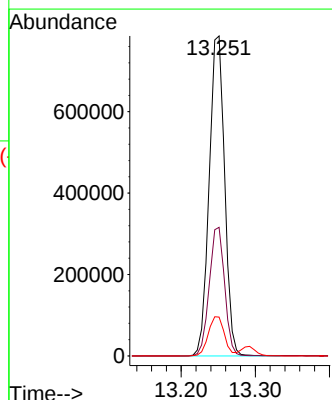
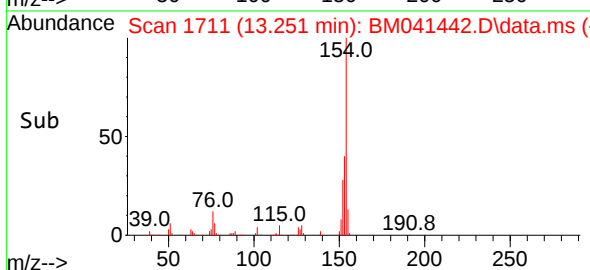
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

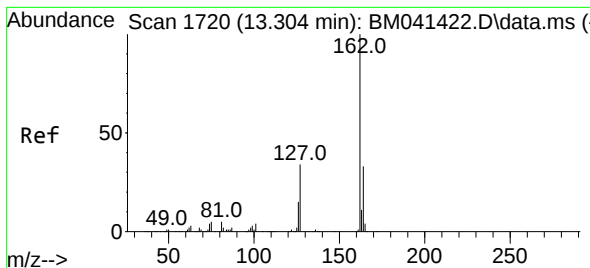


#46
1,1'-Biphenyl
Concen: 33.190 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



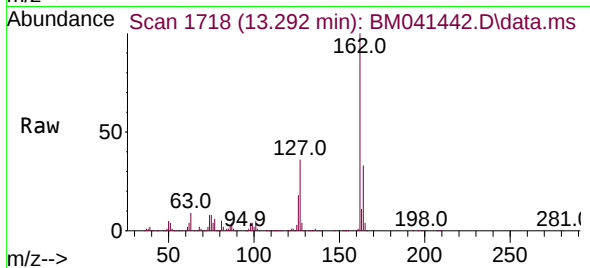
Tgt Ion:154 Resp: 1139128
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 12.1 0.0 33.6





#47
2-Chloronaphthalene
Concen: 34.455 ng
RT: 13.292 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

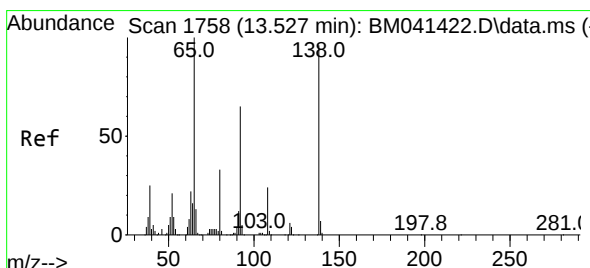
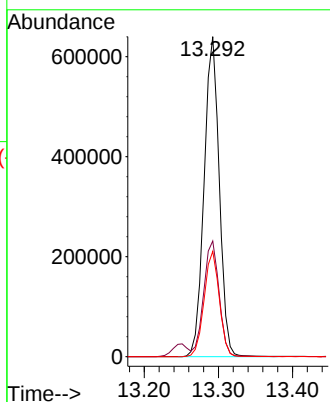
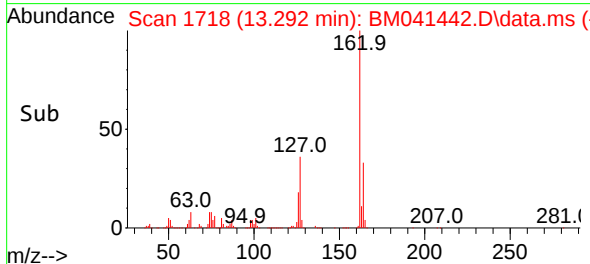
Instrument :
BNA_M
ClientSampleId :
PB154955BS



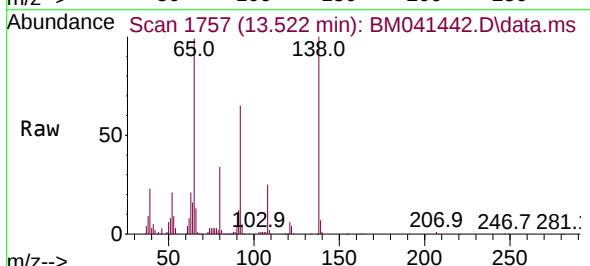
Tgt Ion:162 Resp: 908916
Ion Ratio Lower Upper
162 100
127 36.1 29.6 44.4
164 32.9 26.2 39.2

Manual Integrations
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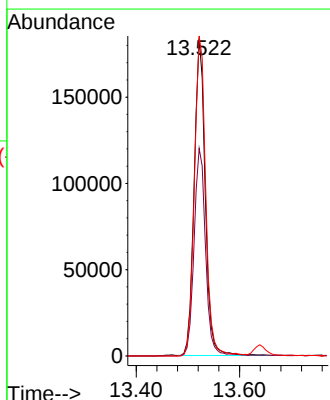
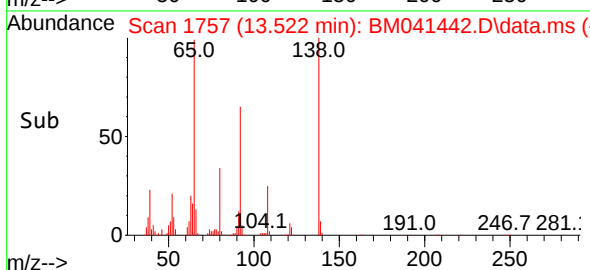
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

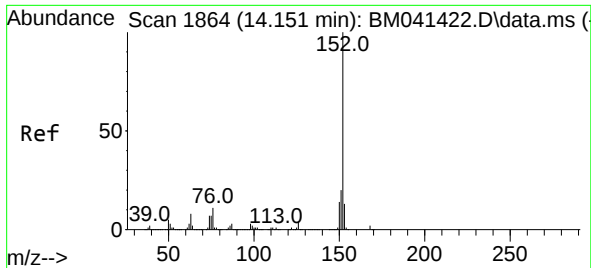


#48
2-Nitroaniline
Concen: 31.752 ng
RT: 13.522 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



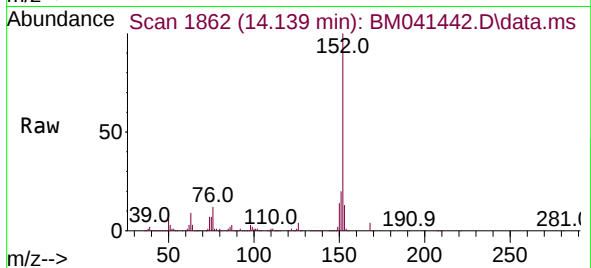
Tgt Ion: 65 Resp: 273683
Ion Ratio Lower Upper
65 100
92 65.3 51.9 77.9
138 100.8 76.8 115.2





#49
Acenaphthylene
Concen: 34.237 ng
RT: 14.139 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

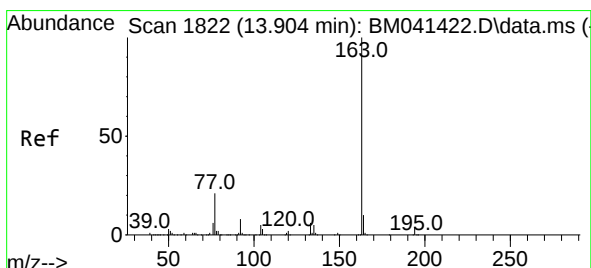
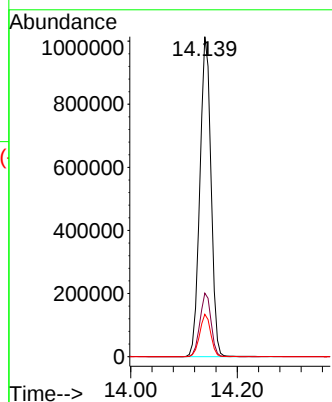
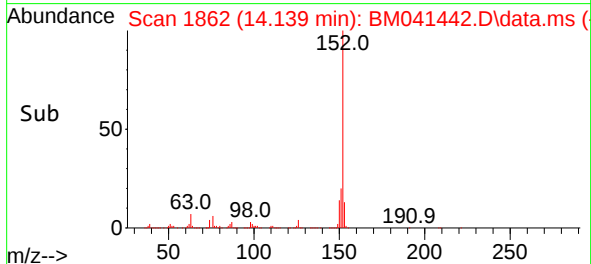
Instrument :
BNA_M
ClientSampleId :
PB154955BS



Tgt Ion:152 Resp: 1463526
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.2 15.2

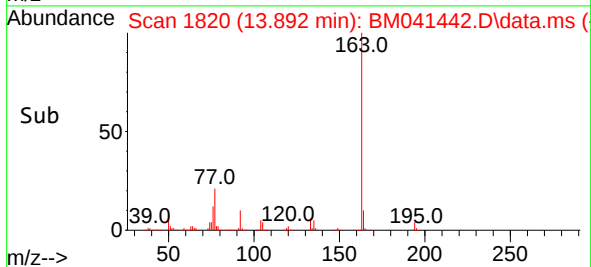
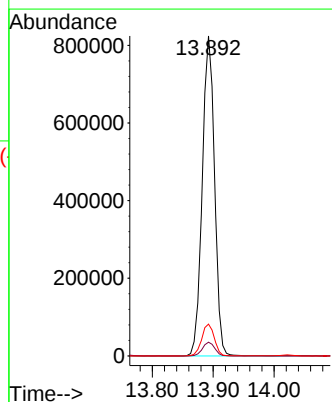
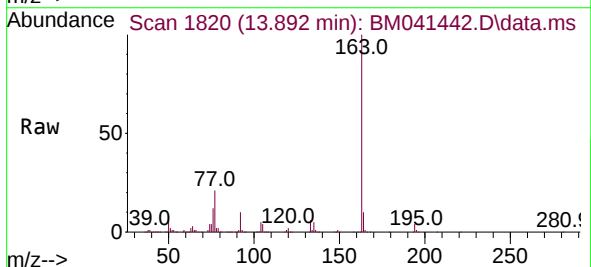
Manual Integrations
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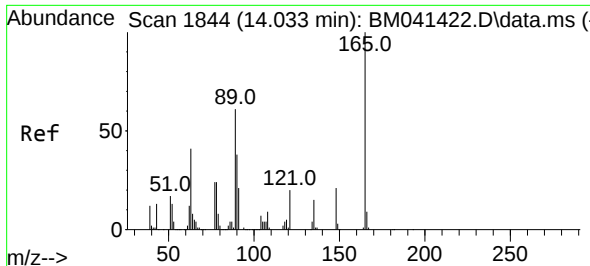
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#50
Dimethylphthalate
Concen: 32.434 ng
RT: 13.892 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

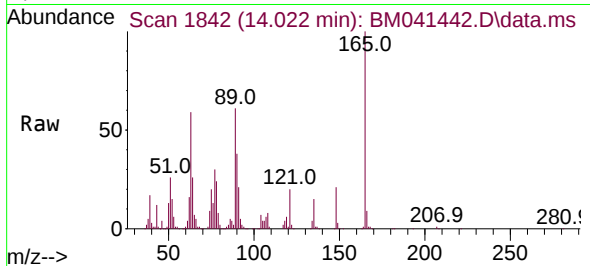
Tgt Ion:163 Resp: 1151788
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 33.267 ng
RT: 14.022 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

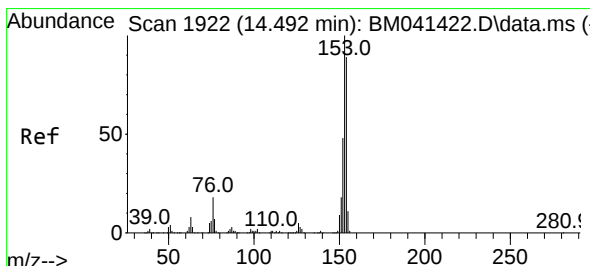
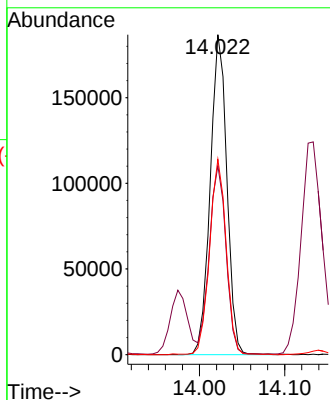
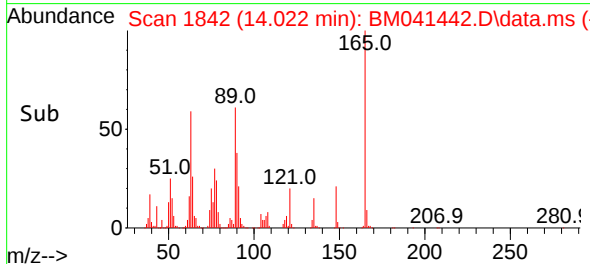
Instrument :
BNA_M
ClientSampleId :
PB154955BS



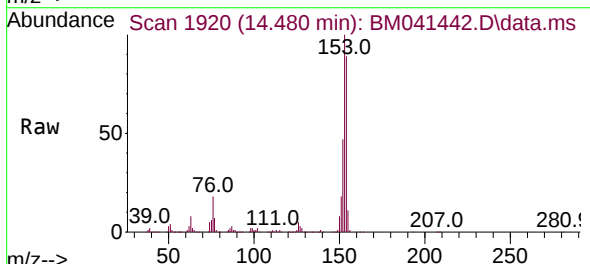
Tgt Ion:165 Resp: 253185
Ion Ratio Lower Upper
165 100
63 59.0 49.5 74.3
89 61.0 49.4 74.0

Manual Integrations
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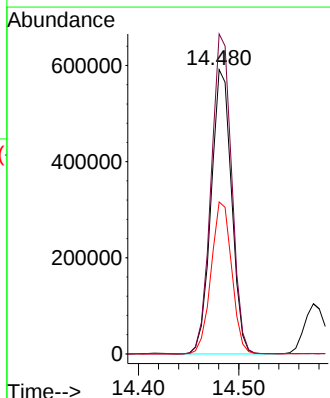
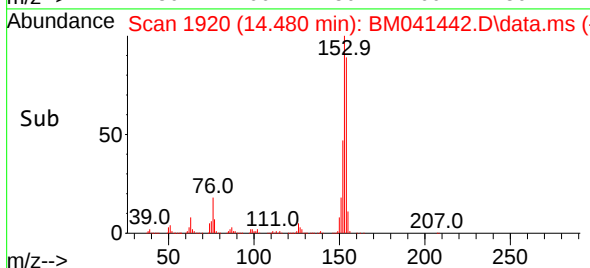
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

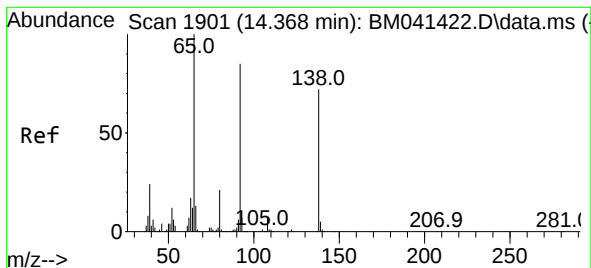


#52
Acenaphthene
Concen: 32.836 ng
RT: 14.480 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



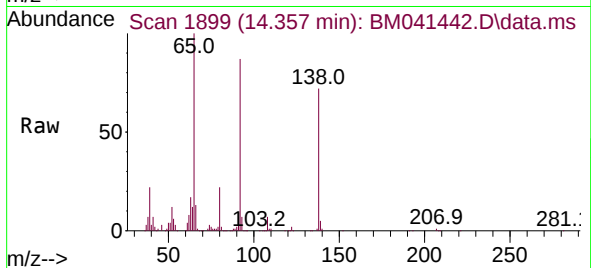
Tgt Ion:154 Resp: 839494
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 53.5 43.1 64.7





#53
3-Nitroaniline
Concen: 24.989 ng
RT: 14.357 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

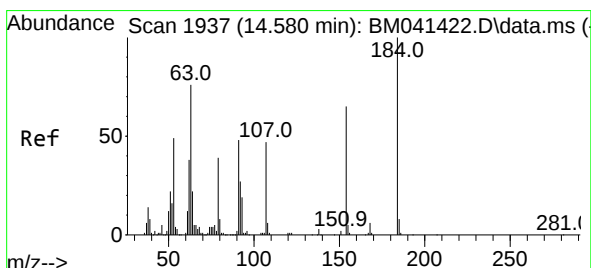
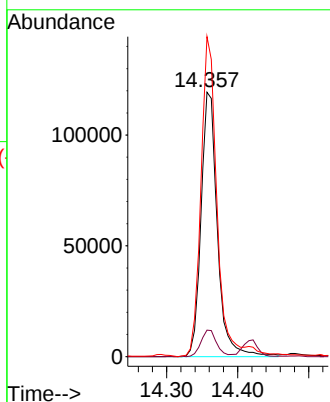
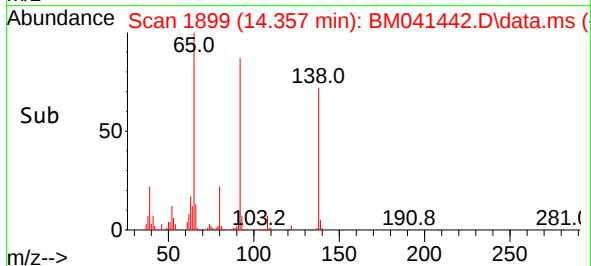
Instrument :
BNA_M
ClientSampleId :
PB154955BS



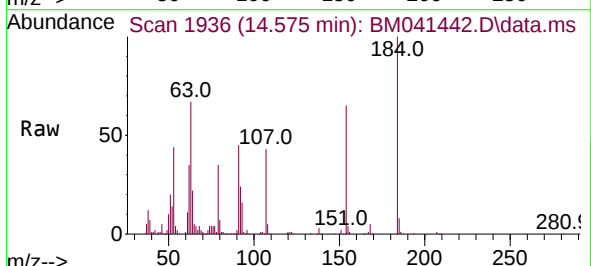
Tgt Ion:138 Resp: 189662
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 121.0 95.1 142.7

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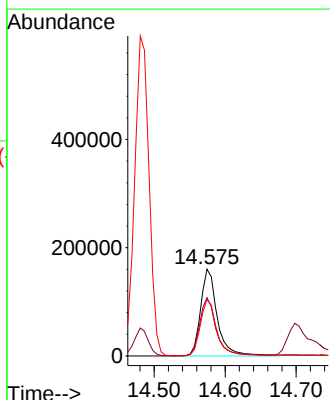
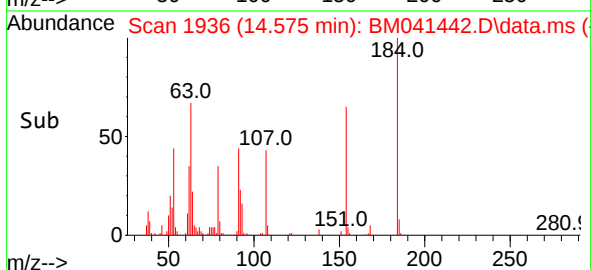
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

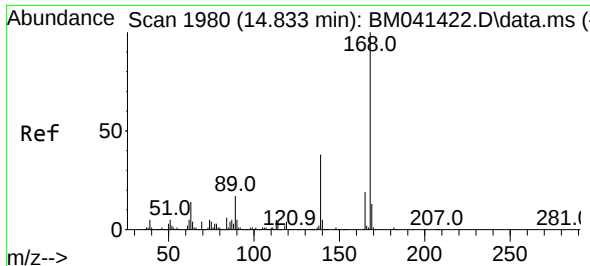


#54
2,4-Dinitrophenol
Concen: 54.468 ng
RT: 14.575 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



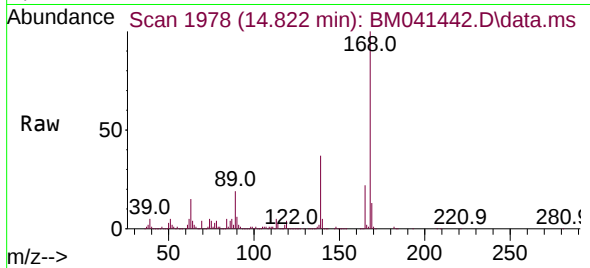
Tgt Ion:184 Resp: 259285
Ion Ratio Lower Upper
184 100
63 67.2 61.1 91.7
154 65.1 52.4 78.6





#55
Dibenzofuran
Concen: 33.217 ng
RT: 14.822 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

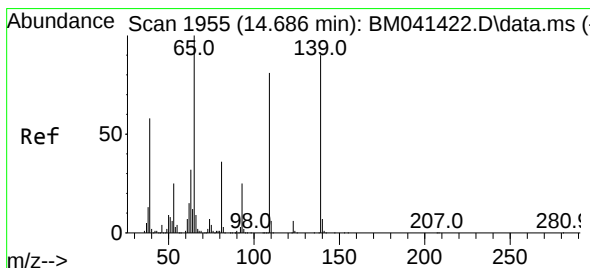
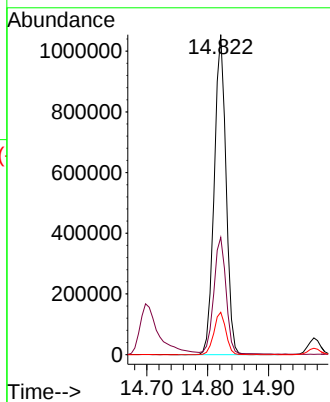
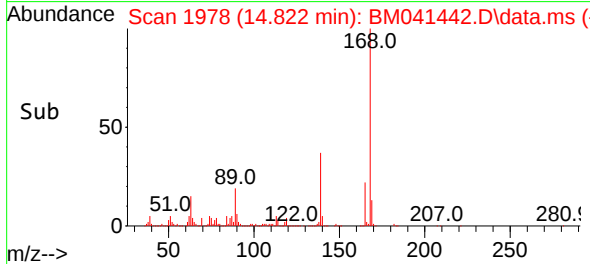
Instrument :
BNA_M
ClientSampleId :
PB154955BS



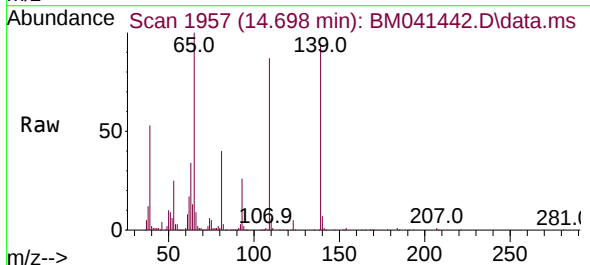
Tgt Ion:168 Resp: 1424089
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.2
169 13.2 10.5 15.7

Manual Integrations
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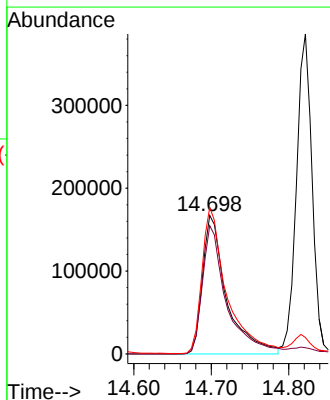
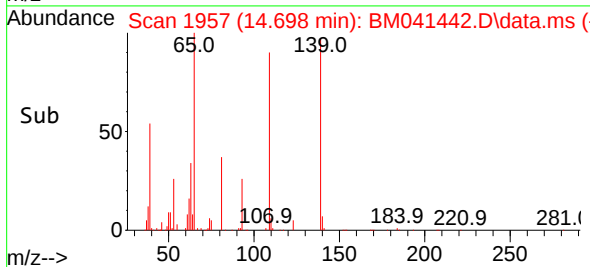
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

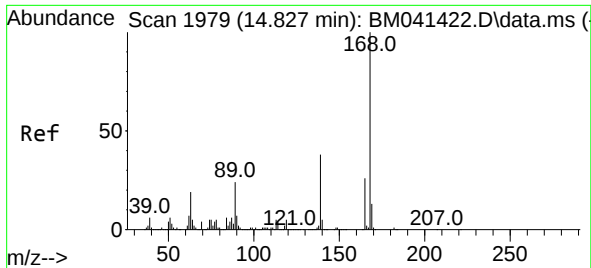


#56
4-Nitrophenol
Concen: 63.290 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



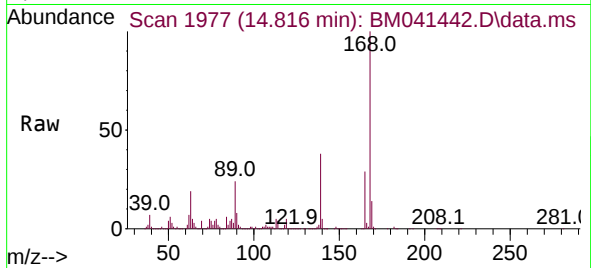
Tgt Ion:139 Resp: 361722
Ion Ratio Lower Upper
139 100
109 92.6 70.6 110.6
65 105.9 91.8 131.8





#57
2,4-Dinitrotoluene
Concen: 33.993 ng
RT: 14.816 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

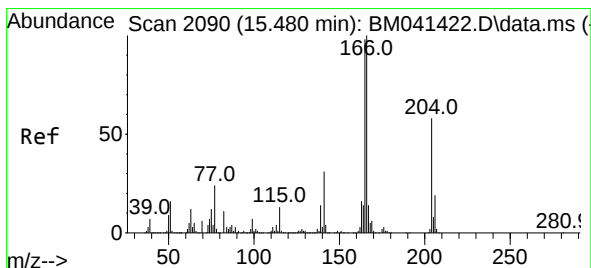
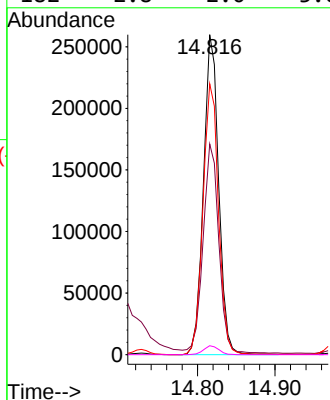
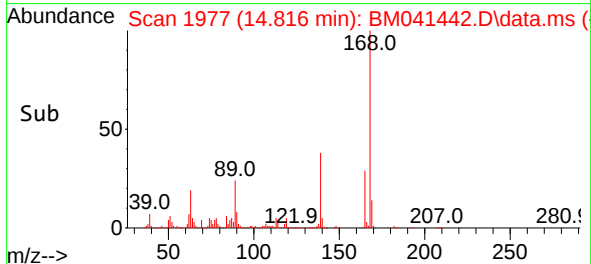
Instrument :
BNA_M
ClientSampleId :
PB154955BS



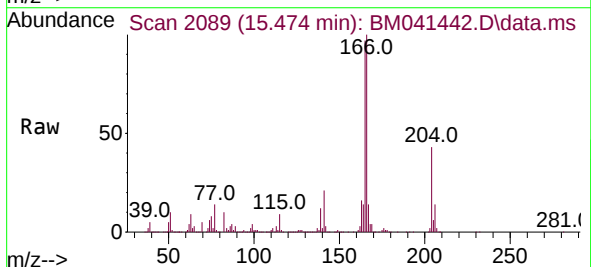
Tgt Ion:165 Resp: 353552
Ion Ratio Lower Upper
165 100
63 65.8 56.8 85.2
89 84.6 73.4 110.0
182 2.8 2.0 3.0

Manual Integrations
APPROVED

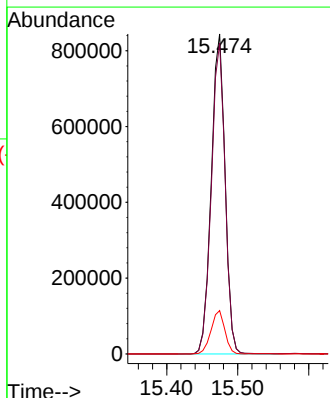
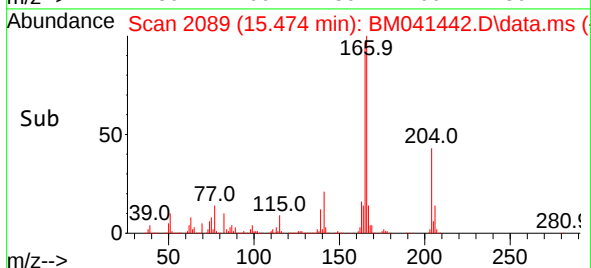
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

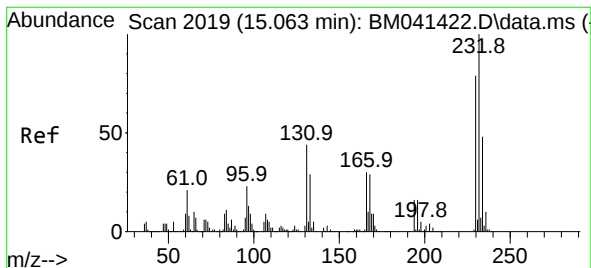


#58
Fluorene
Concen: 33.247 ng
RT: 15.474 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



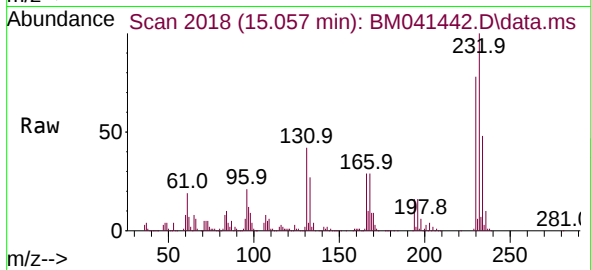
Tgt Ion:166 Resp: 1142318
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.4
167 13.5 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.270 ng
RT: 15.057 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

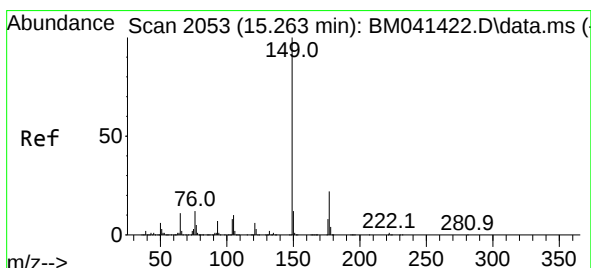
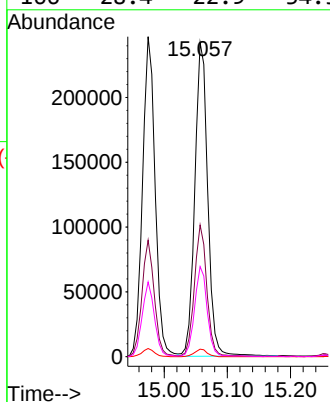
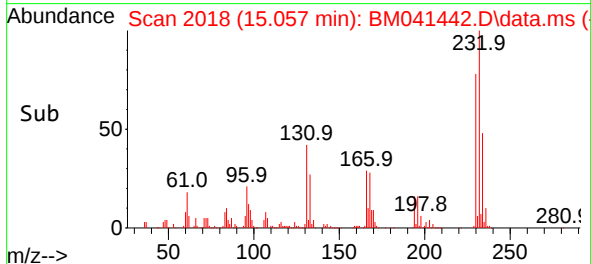
Instrument :
BNA_M
ClientSampleId :
PB154955BS



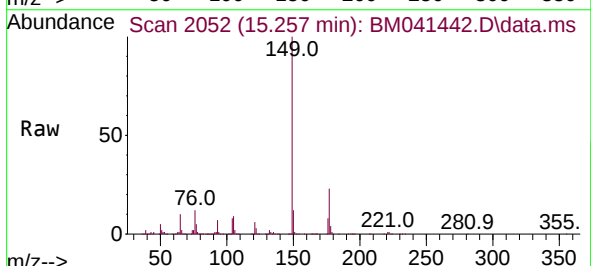
Tgt Ion:232 Resp: 344582
Ion Ratio Lower Upper
232 100
131 41.2 34.7 52.1
130 2.3 1.9 2.9
166 28.4 22.9 34.3

Manual Integrations
APPROVED

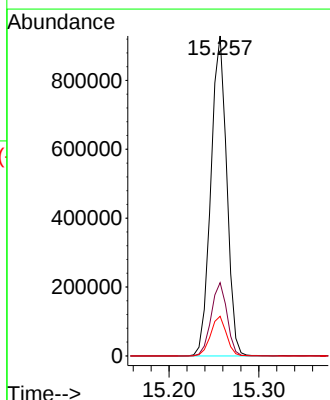
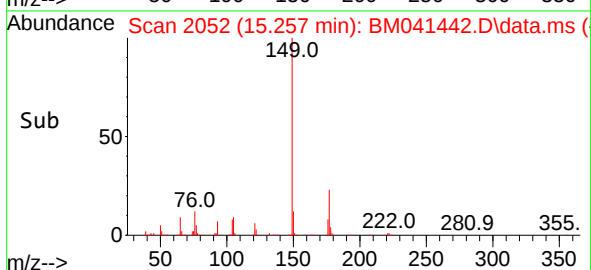
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

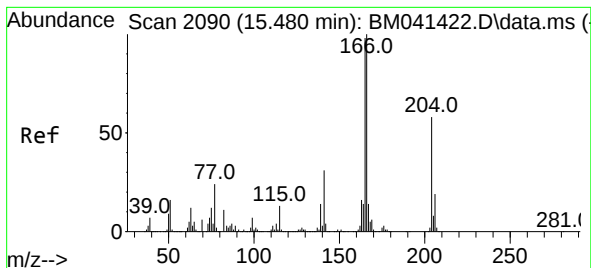


#60
Diethylphthalate
Concen: 32.190 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



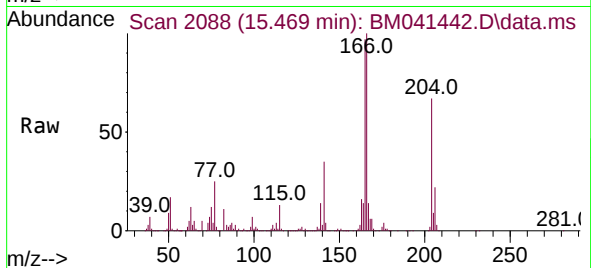
Tgt Ion:149 Resp: 1142113
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 33.552 ng
RT: 15.469 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

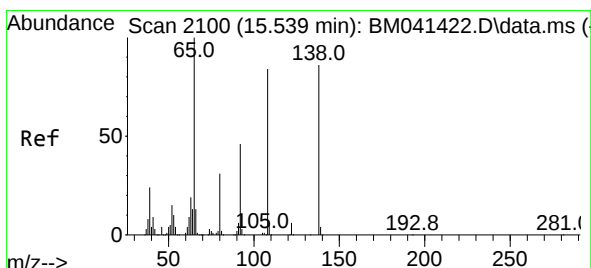
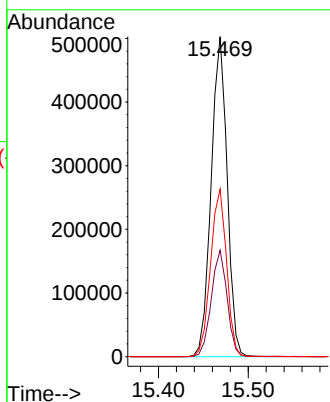
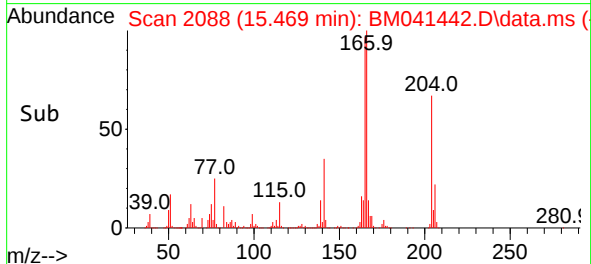
Instrument :
BNA_M
ClientSampleId :
PB154955BS



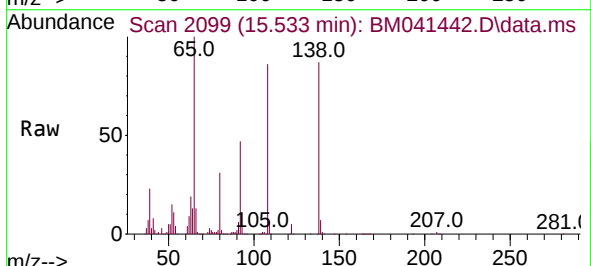
Tgt Ion:204 Resp: 621512
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 52.3 42.9 64.3

Manual Integrations
APPROVED

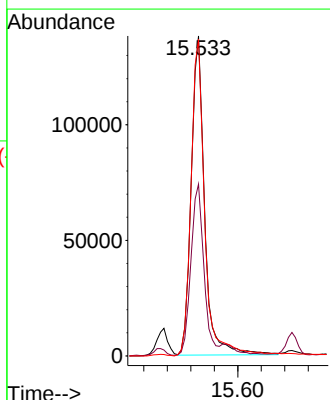
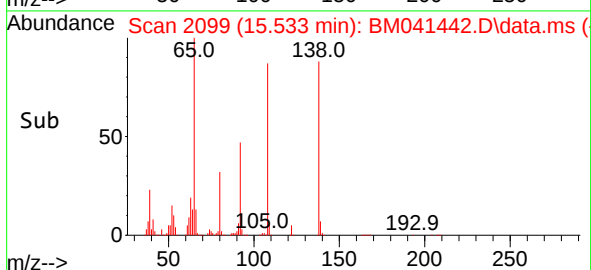
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

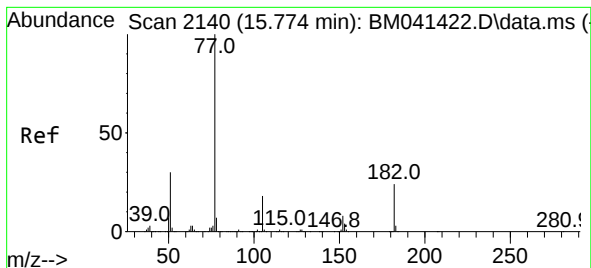


#62
4-Nitroaniline
Concen: 31.614 ng
RT: 15.533 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



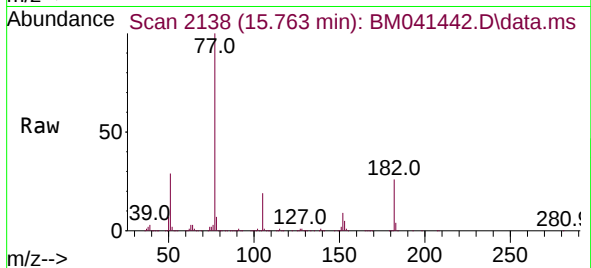
Tgt Ion:138 Resp: 218901
Ion Ratio Lower Upper
138 100
92 53.7 33.5 73.5
108 99.0 76.6 116.6





#63
Azobenzene
Concen: 31.359 ng
RT: 15.763 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

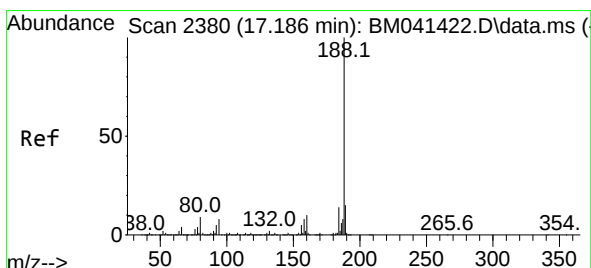
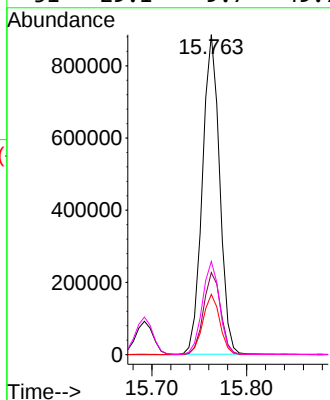
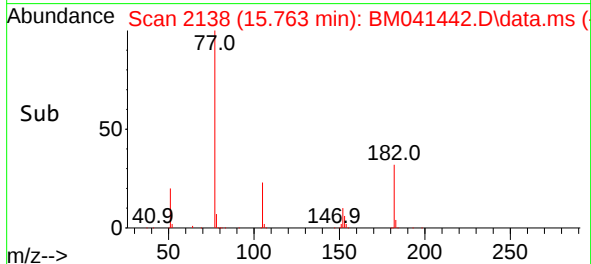
Instrument :
BNA_M
ClientSampleId :
PB154955BS



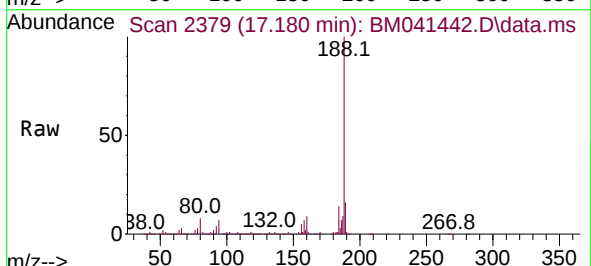
Tgt Ion: 77 Resp: 112102
Ion Ratio Lower Upper
77 100
182 25.7 3.7 43.7
105 18.8 0.0 37.7
51 29.1 9.7 49.7

Manual Integrations
APPROVED

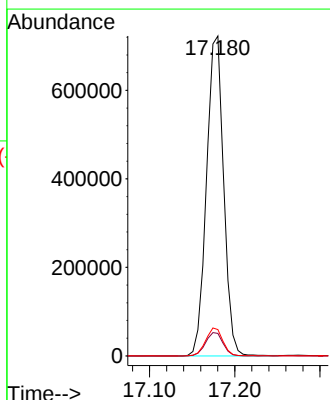
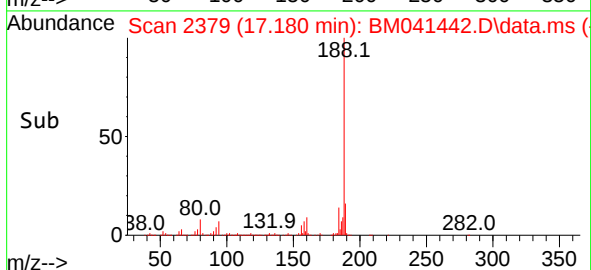
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

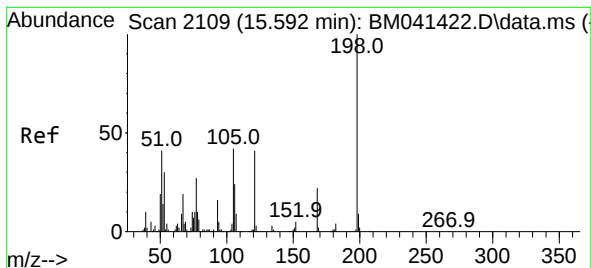


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2379
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



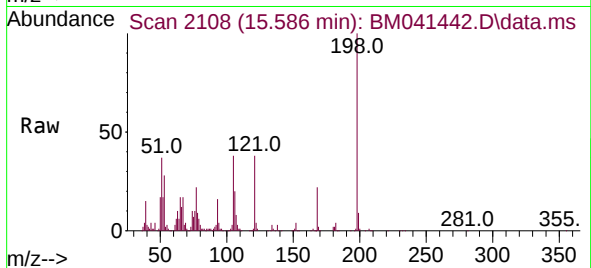
Tgt Ion:188 Resp: 1008039
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 8.2 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 30.581 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

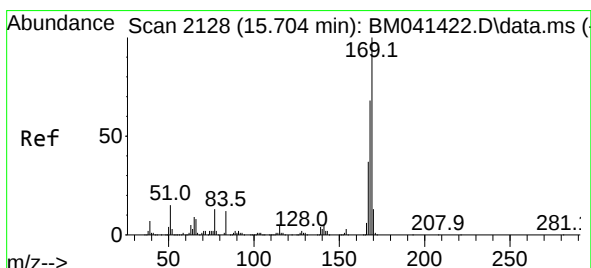
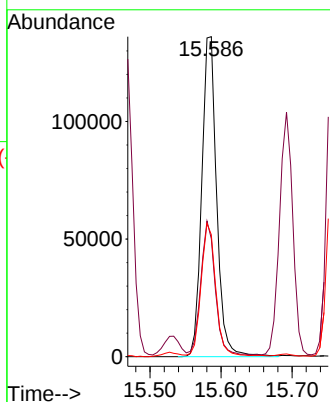
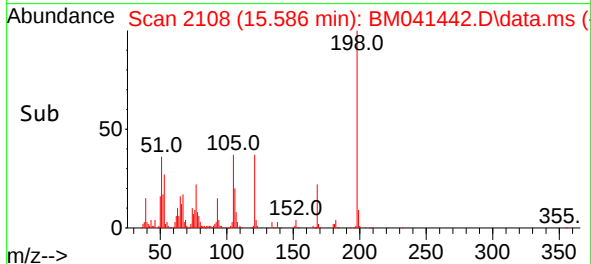
Instrument :
BNA_M
ClientSampleId :
PB154955BS



Tgt Ion:198 Resp: 197336
Ion Ratio Lower Upper
198 100
51 36.8 23.2 63.2
105 38.1 22.4 62.4

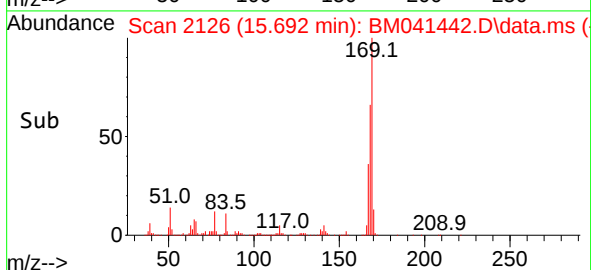
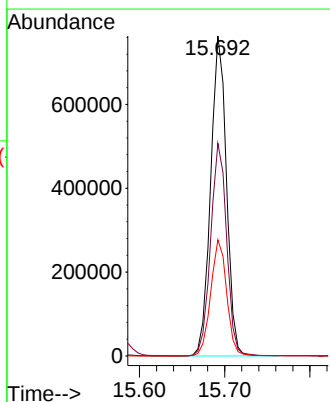
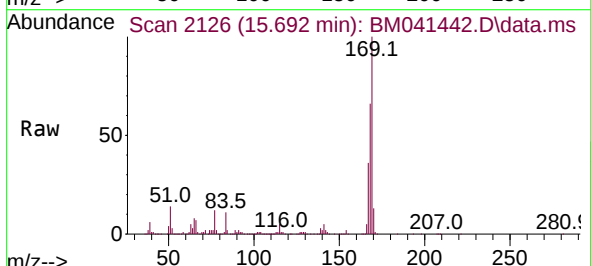
Manual Integrations
APPROVED

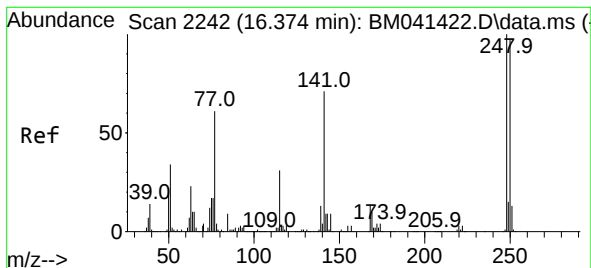
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#66
n-Nitrosodiphenylamine
Concen: 33.079 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

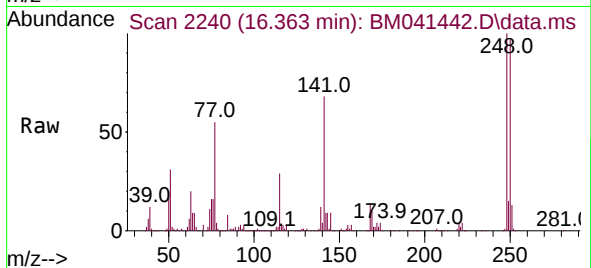
Tgt Ion:169 Resp: 981562
Ion Ratio Lower Upper
169 100
168 66.4 54.5 81.7
167 36.3 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 33.422 ng
RT: 16.363 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

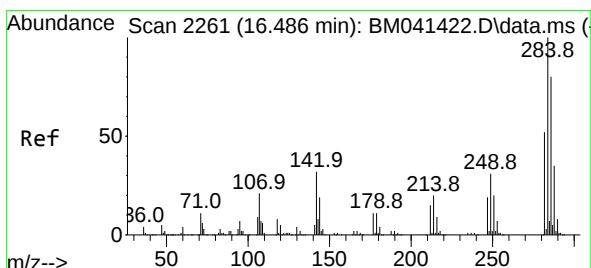
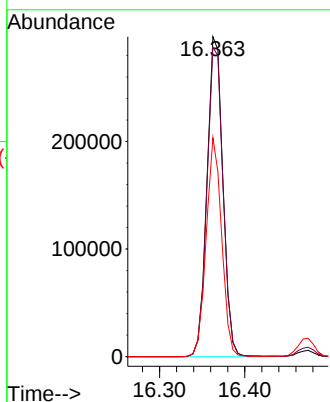
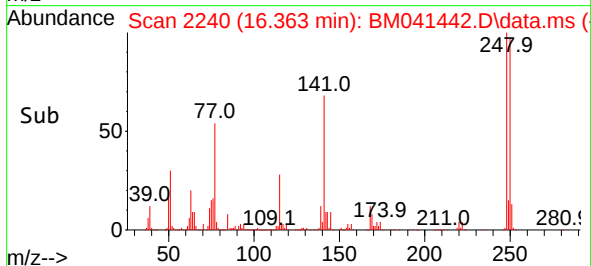
Instrument :
BNA_M
ClientSampleId :
PB154955BS



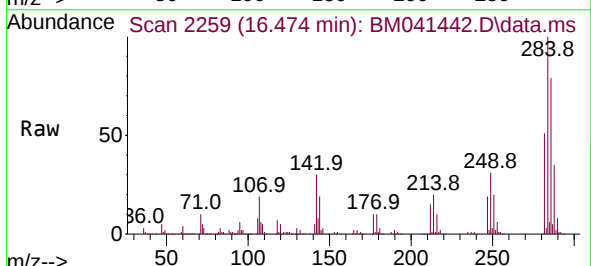
Tgt Ion:248 Resp: 386074
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 68.4 56.7 85.1

Manual Integrations
APPROVED

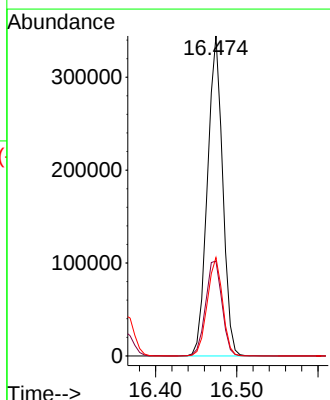
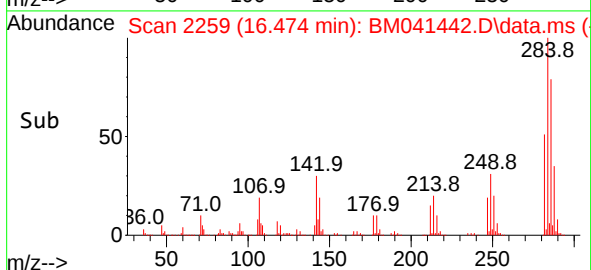
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

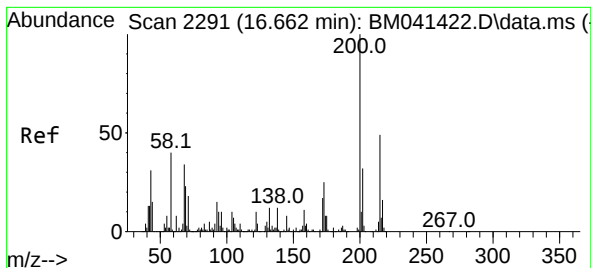


#68
Hexachlorobenzene
Concen: 35.651 ng
RT: 16.474 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:284 Resp: 449424
Ion Ratio Lower Upper
284 100
142 29.6 25.4 38.2
249 30.7 24.4 36.6





#69

Atrazine

Concen: 44.924 ng

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041442.D

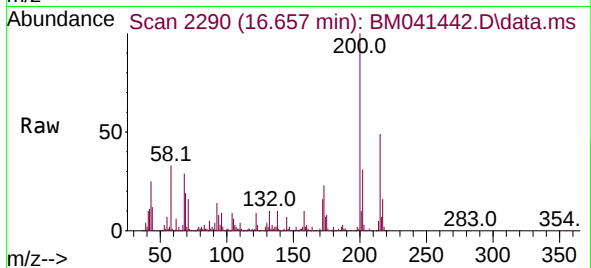
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS



Tgt Ion:200 Resp: 378285

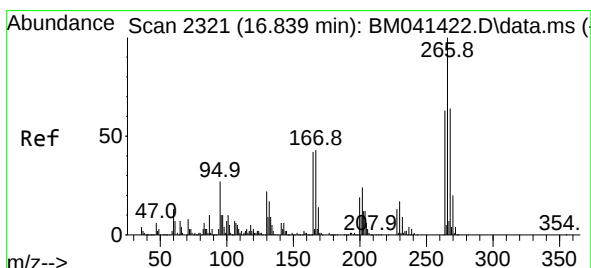
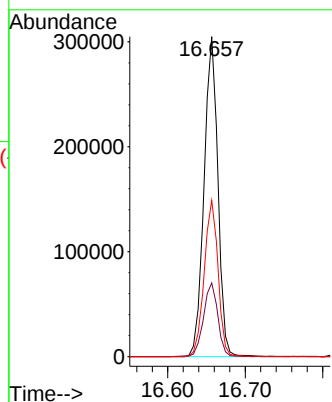
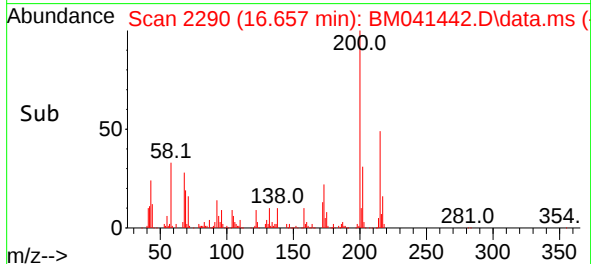
Ion	Ratio	Lower	Upper
200	100		
173	23.0	4.7	44.7
215	48.8	29.4	69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#70

Pentachlorophenol

Concen: 55.402 ng

RT: 16.833 min Scan# 2320

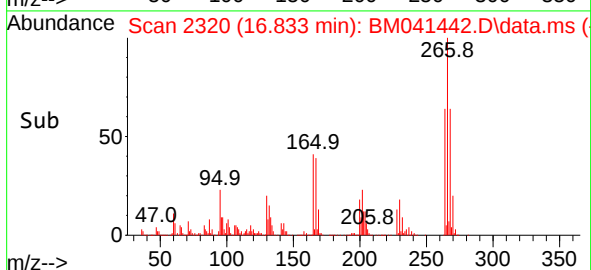
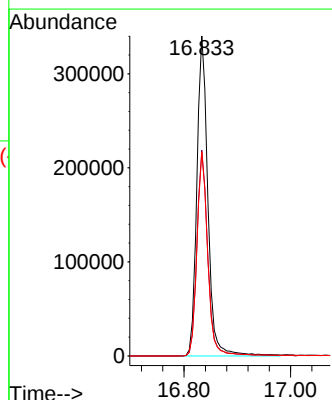
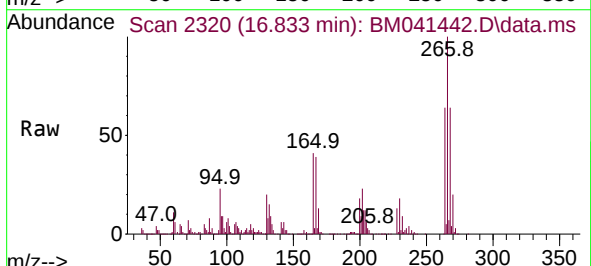
Delta R.T. 0.000 min

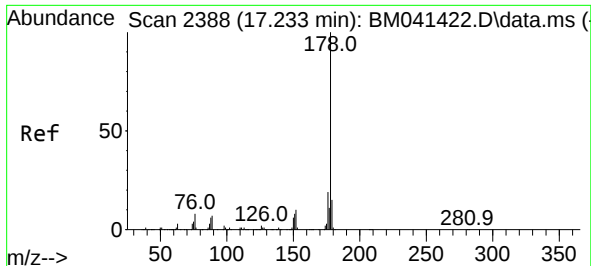
Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion:266 Resp: 489061

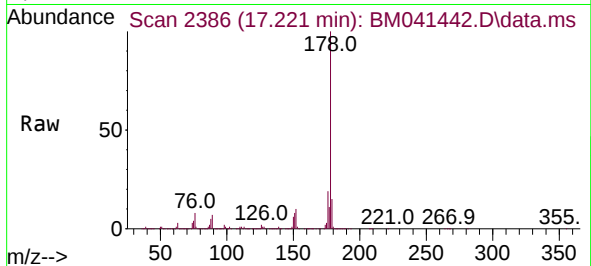
Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.9	76.3
264	63.6	50.2	75.2





#71
Phenanthrene
Concen: 33.284 ng
RT: 17.221 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

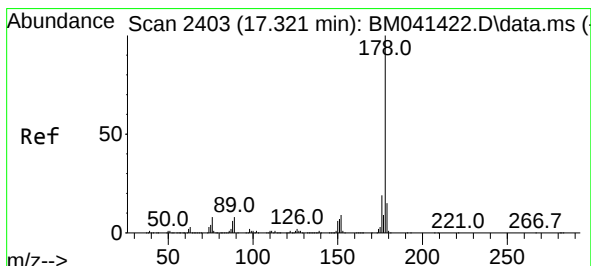
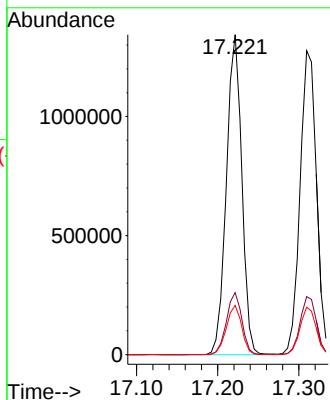
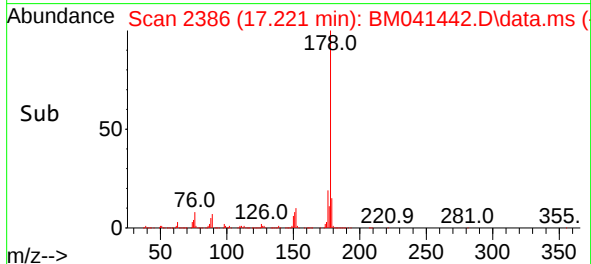
Instrument :
BNA_M
ClientSampleId :
PB154955BS



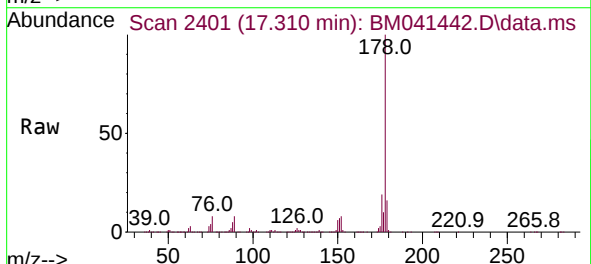
Tgt Ion:178 Resp: 1771062
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.4

Manual Integrations
APPROVED

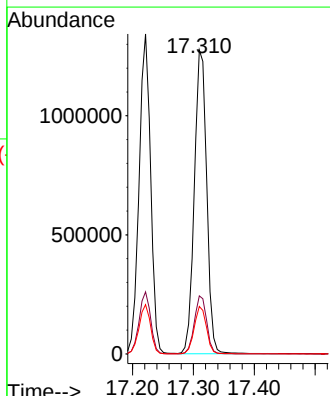
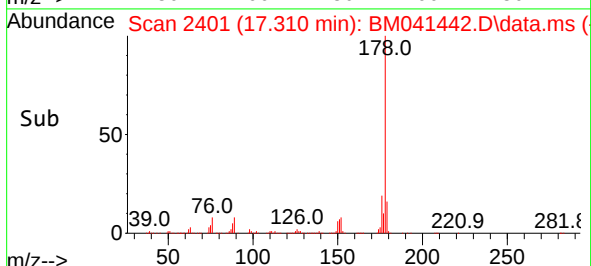
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

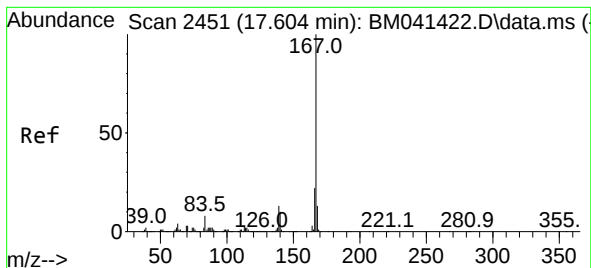


#72
Anthracene
Concen: 33.366 ng
RT: 17.310 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:178 Resp: 1800348
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.6 12.2 18.2





#73

Carbazole

Concen: 33.338 ng

RT: 17.598 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion:167 Resp: 1600536

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

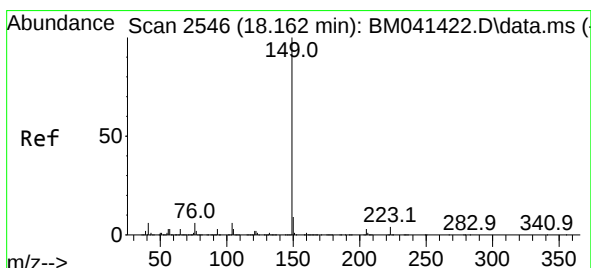
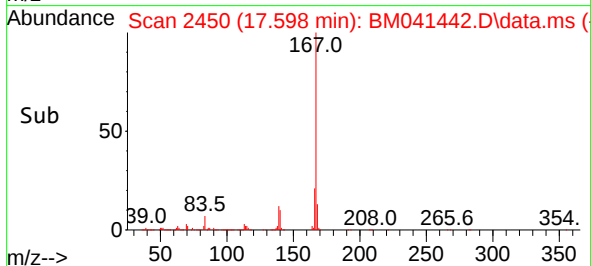
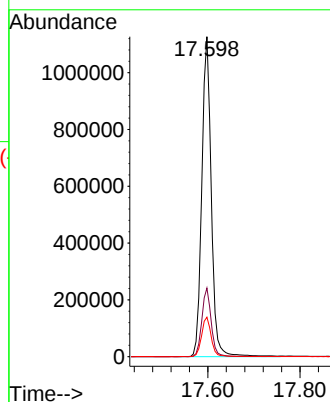
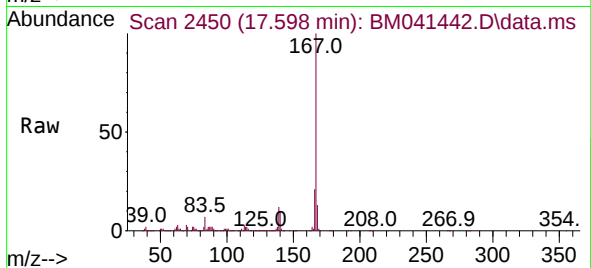
139 12.3 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#74

Di-n-butylphthalate

Concen: 32.967 ng

RT: 18.151 min Scan# 2544

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

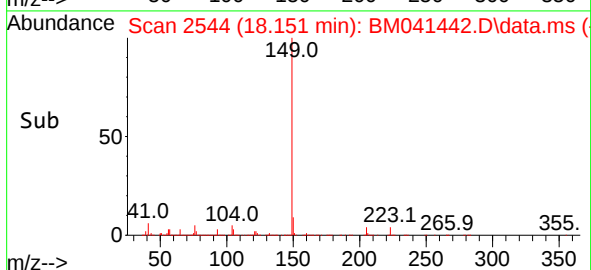
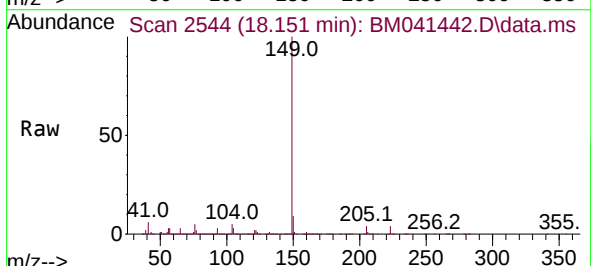
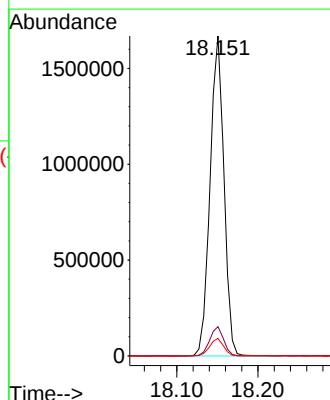
Tgt Ion:149 Resp: 1988361

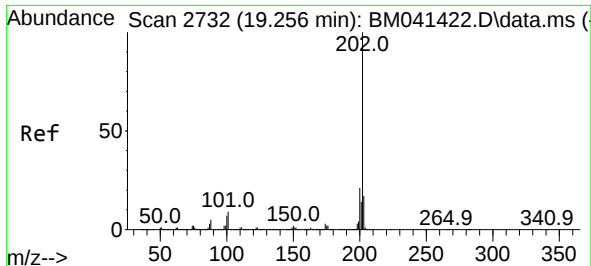
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

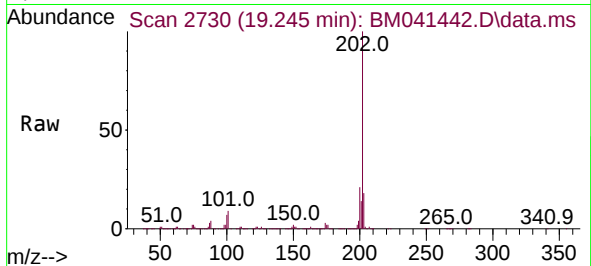
104 5.5 4.5 6.7





#75
Fluoranthene
Concen: 33.434 ng
RT: 19.245 min Scan# 211808
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

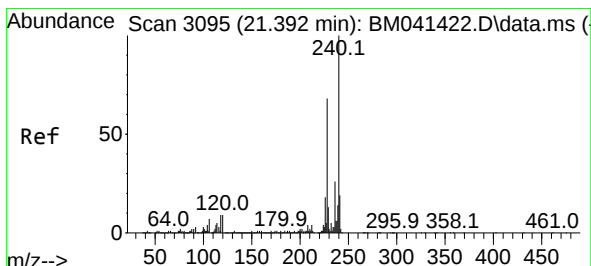
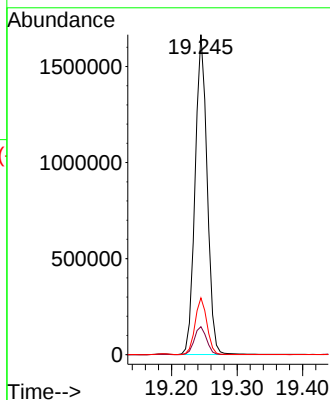
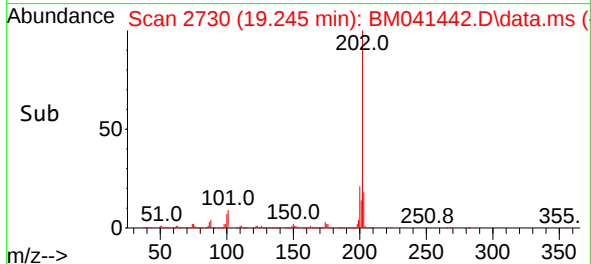
Instrument :
BNA_M
ClientSampleId :
PB154955BS



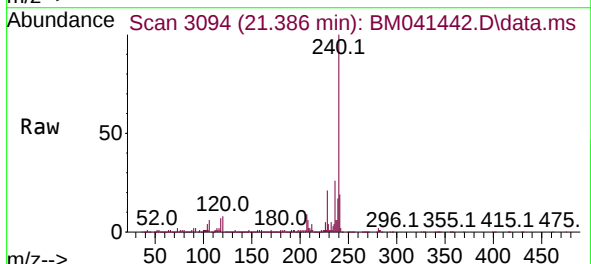
Tgt Ion:202 Resp: 211808
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.1
203 17.7 0.0 37.4

Manual Integrations
APPROVED

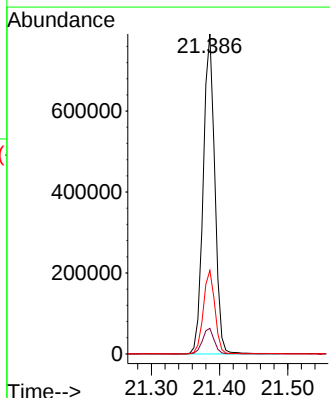
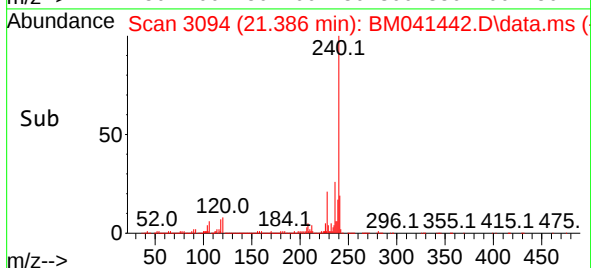
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

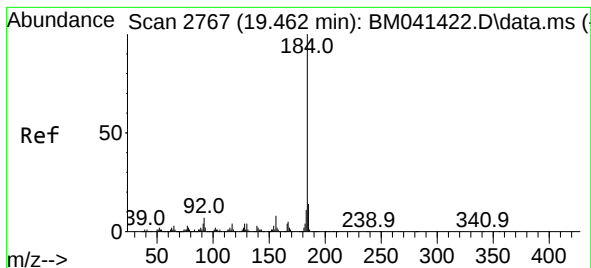


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:240 Resp: 933151
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.2
236 26.1 20.8 31.2





#77

Benzidine

Concen: 89.507 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

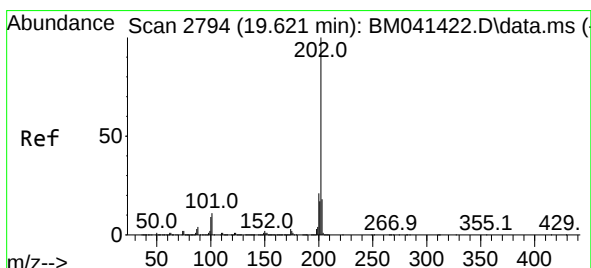
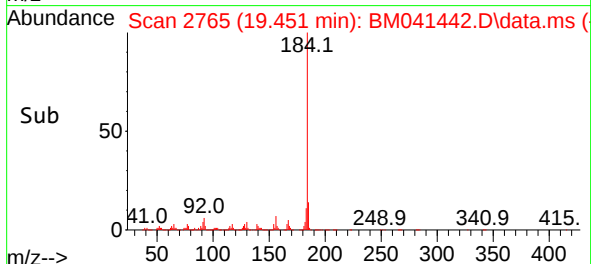
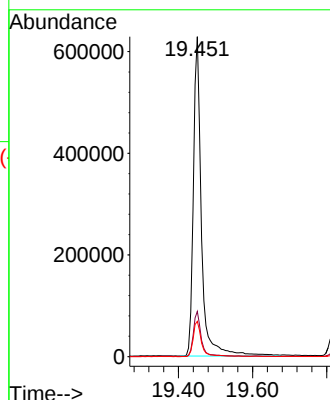
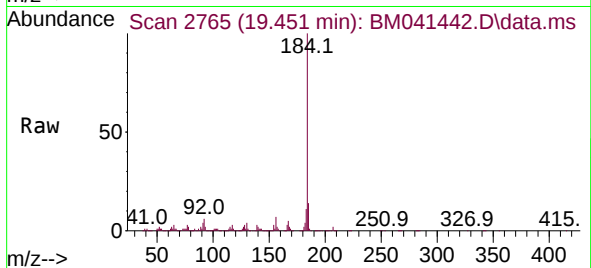
PB154955BS

Tgt Ion:184 Resp: 957394
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.4 17.0
 183 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#78

Pyrene

Concen: 33.150 ng

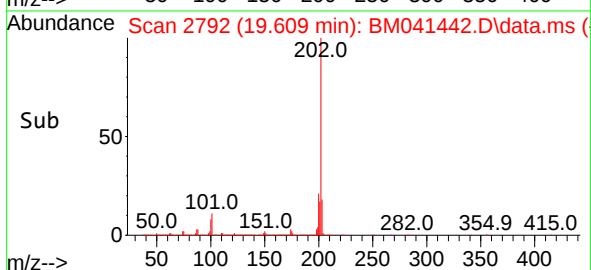
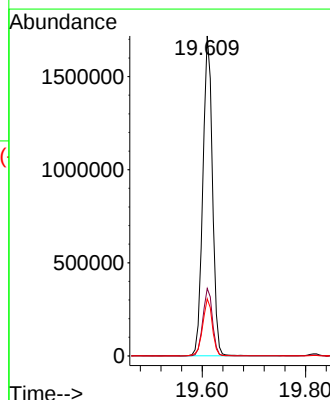
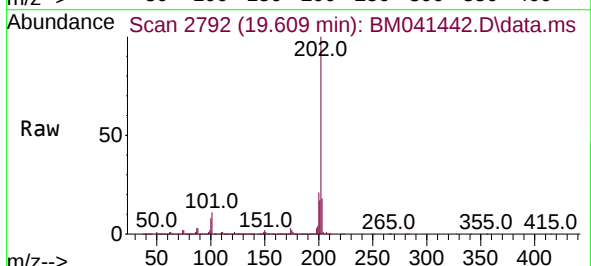
RT: 19.609 min Scan# 2792

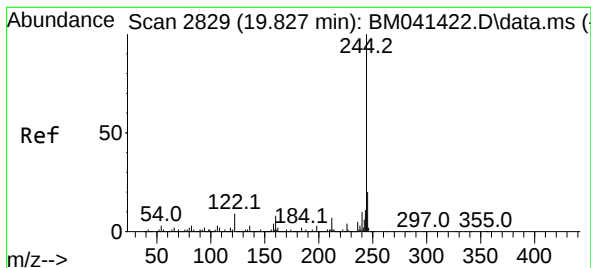
Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion:202 Resp: 2212282
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 69.894 ng

RT: 19.815 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion:244 Resp: 3748005

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

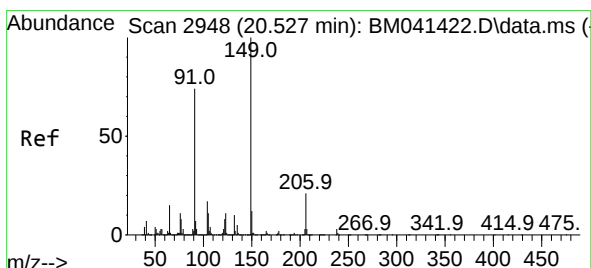
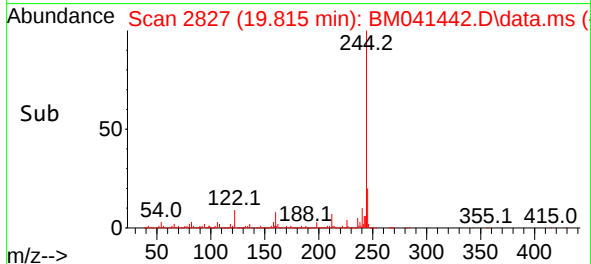
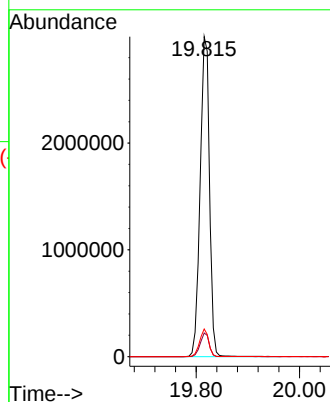
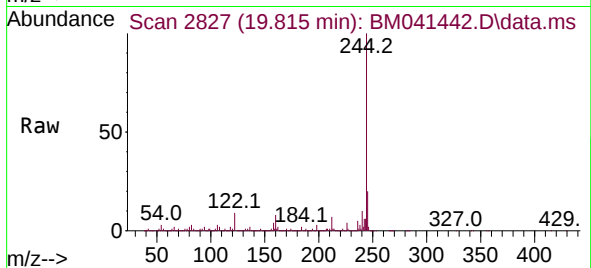
122 8.6 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#80

Butylbenzylphthalate

Concen: 32.798 ng

RT: 20.515 min Scan# 2946

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

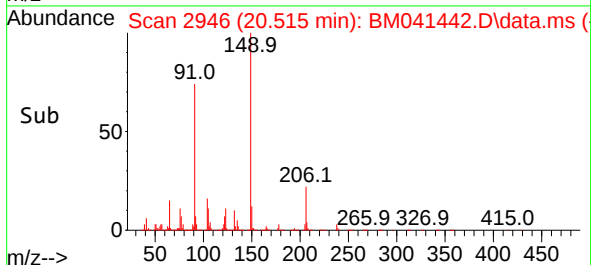
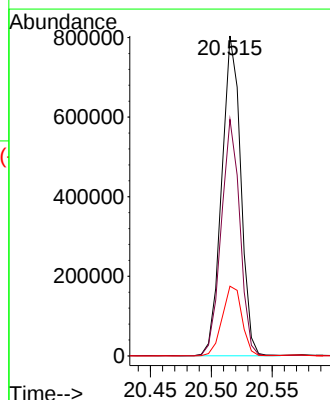
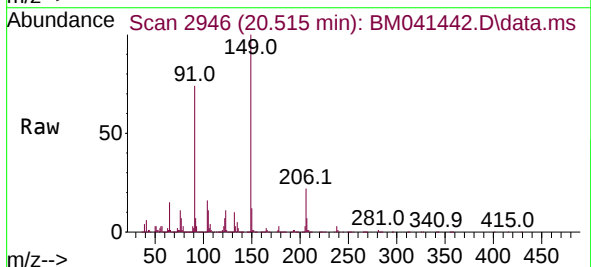
Tgt Ion:149 Resp: 876668

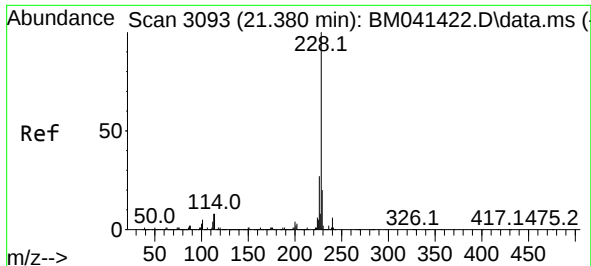
Ion Ratio Lower Upper

149 100

91 73.9 59.3 88.9

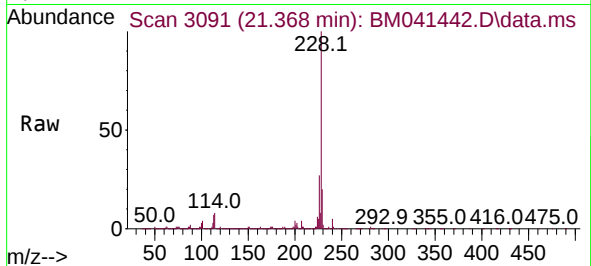
206 21.8 17.0 25.6





#81
Benzo(a)anthracene
Concen: 34.293 ng
RT: 21.368 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

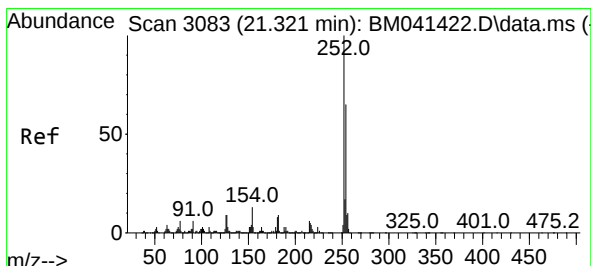
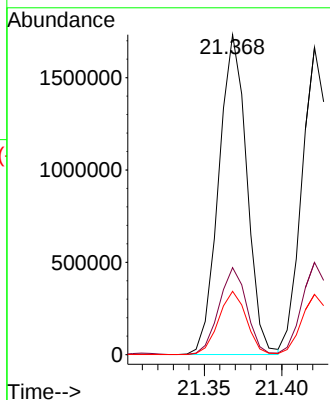
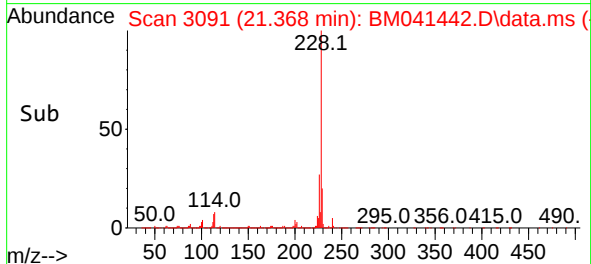
Instrument :
BNA_M
ClientSampleId :
PB154955BS



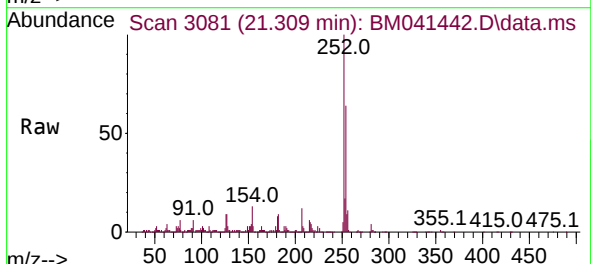
Tgt Ion:228 Resp: 218527
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.8 15.8 23.6

Manual Integrations
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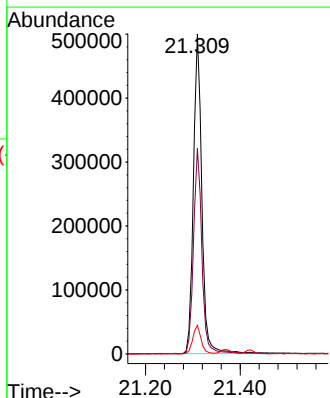
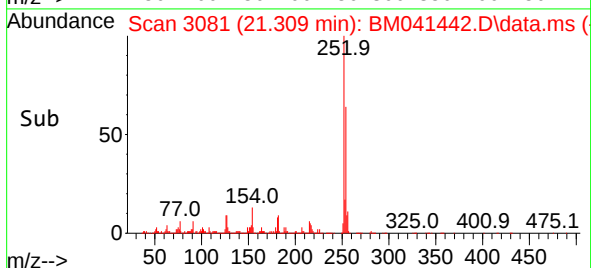
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

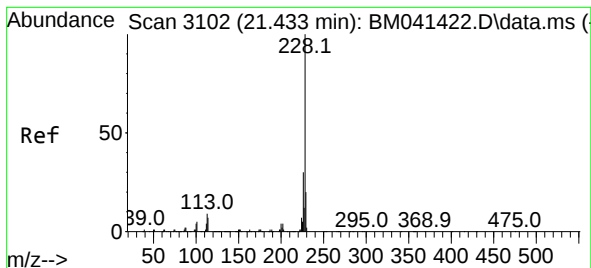


#82
3,3'-Dichlorobenzidine
Concen: 30.052 ng
RT: 21.309 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:252 Resp: 619371
Ion Ratio Lower Upper
252 100
254 64.2 51.6 77.4
126 8.9 7.3 10.9





#83

Chrysene

Concen: 33.129 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion:228 Resp: 200667

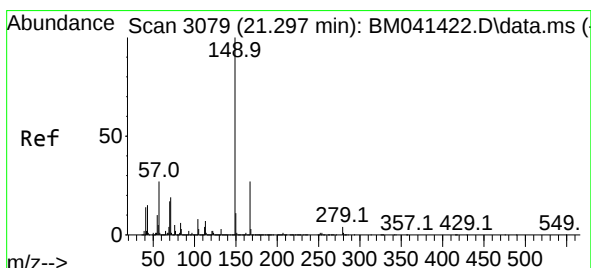
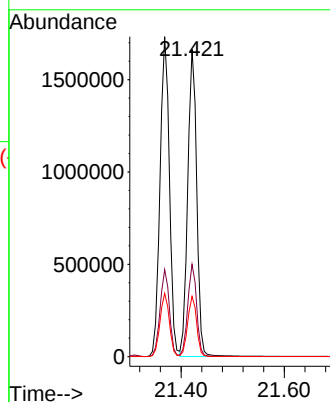
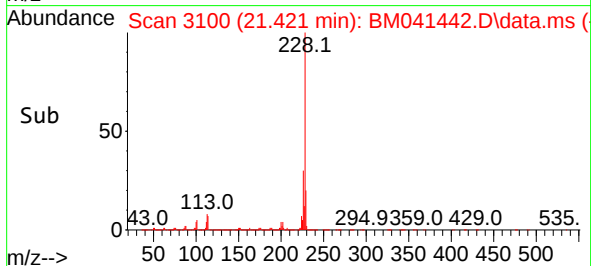
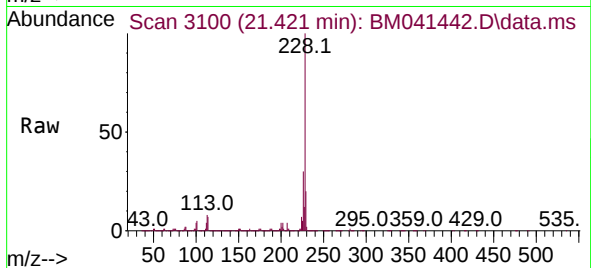
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.385 ng

RT: 21.292 min Scan# 3078

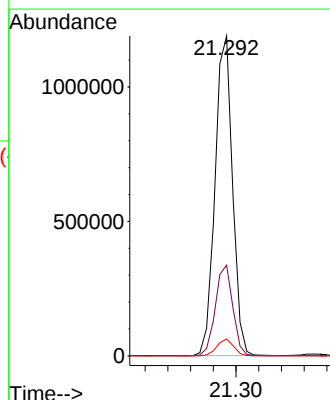
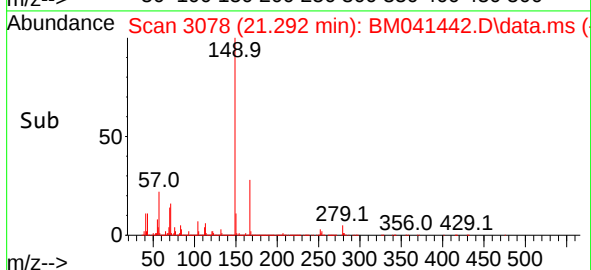
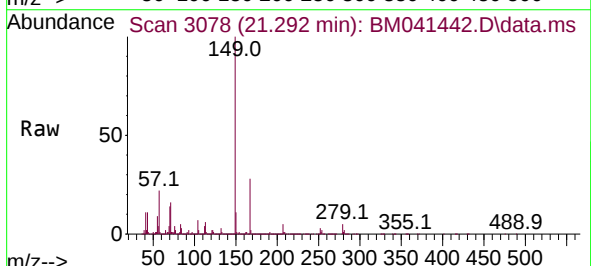
Delta R.T. 0.000 min

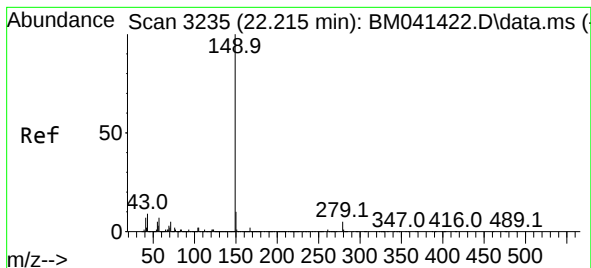
Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion:149 Resp: 1267785

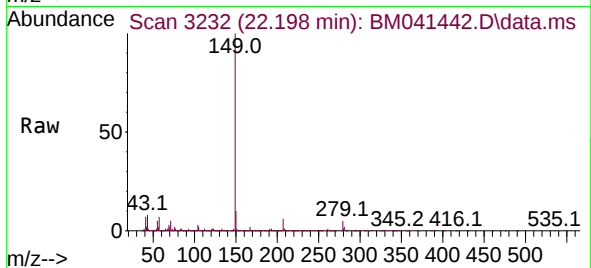
Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.5	32.3
279	5.3	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 34.362 ng
RT: 22.198 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

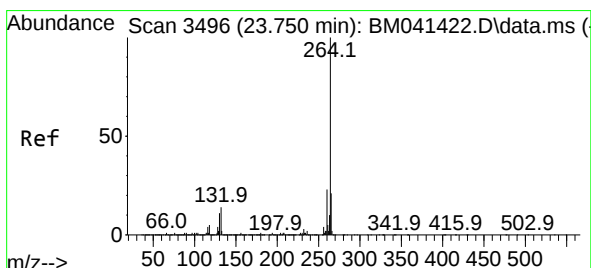
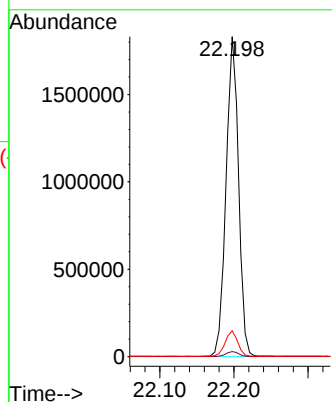
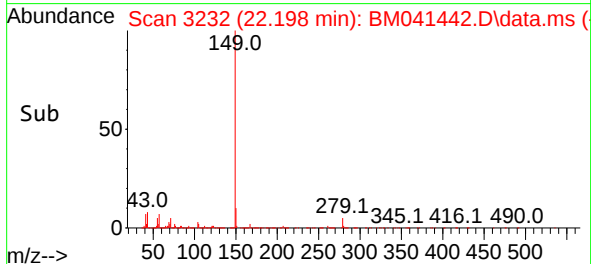
Instrument :
BNA_M
ClientSampleId :
PB154955BS



Tgt Ion:149 Resp: 2133614
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 7.2 10.8

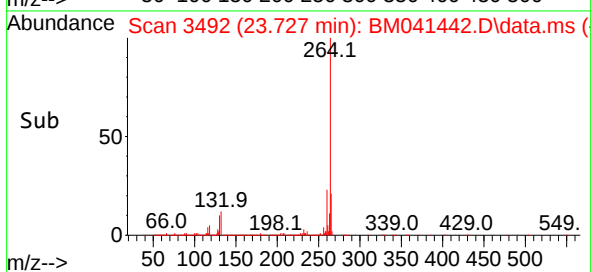
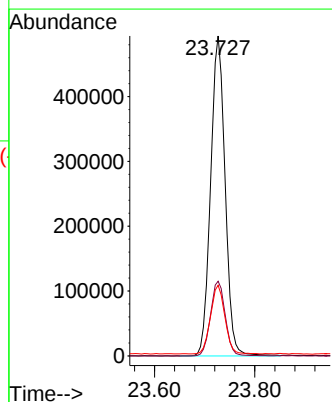
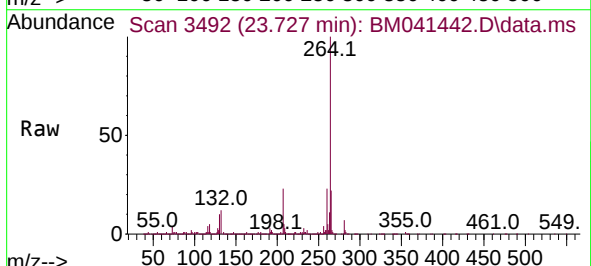
Manual Integrations
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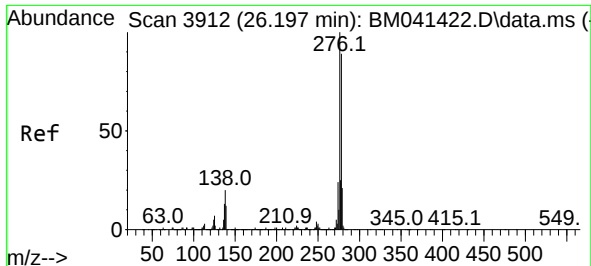
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3492
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:264 Resp: 987921
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 22.1 17.5 26.3





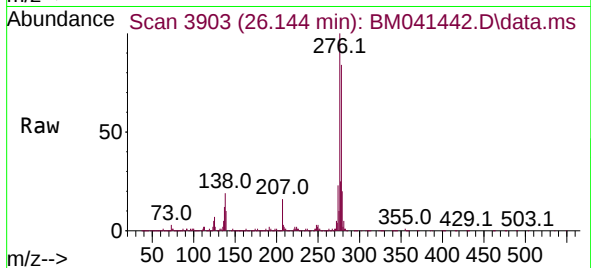
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.679 ng
RT: 26.144 min Scan# 3912
Delta R.T. -0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS



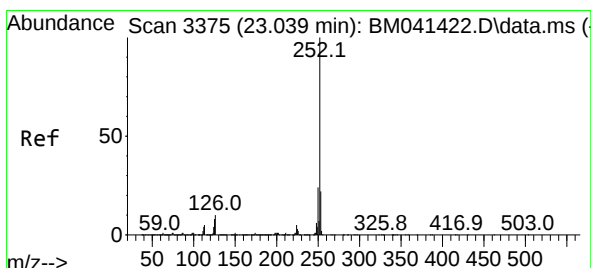
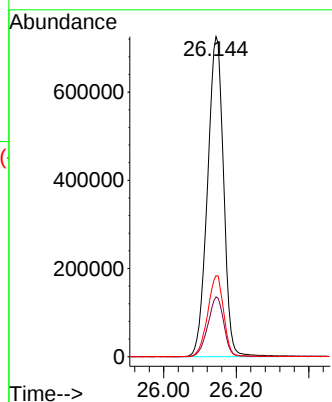
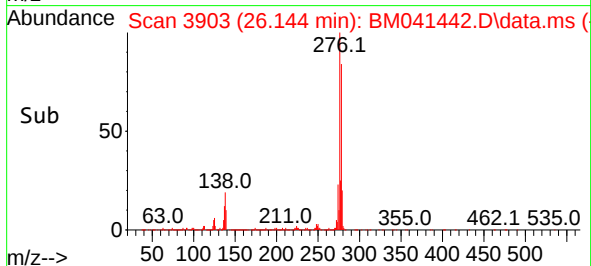
Tgt Ion:276 Resp: 2230644
Ion Ratio Lower Upper
276 100
138 18.5 16.6 25.0
277 25.2 20.2 30.2

Manual Integrations

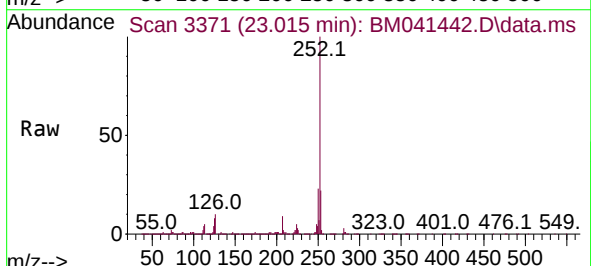
APPROVED

Reviewed By :Yogesh Patel 08/22/2023

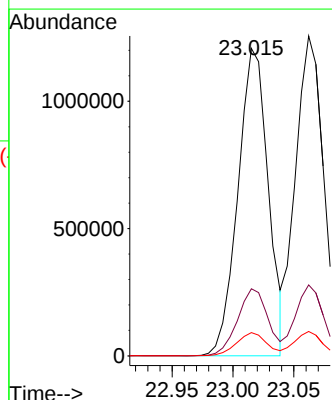
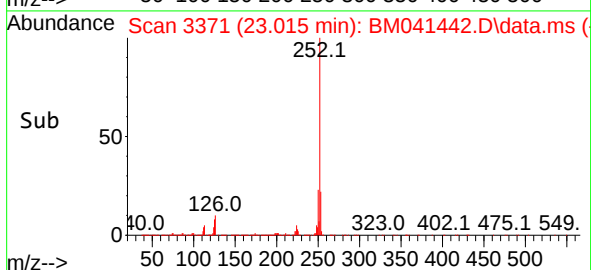
Supervised By :mohammad ahmed 08/22/2023

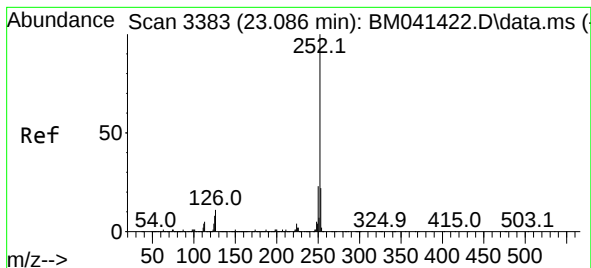


#88
Benzo(b)fluoranthene
Concen: 35.492 ng
RT: 23.015 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13



Tgt Ion:252 Resp: 2089857
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 7.6 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 34.258 ng

RT: 23.062 min Scan# 3383

Delta R.T. -0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

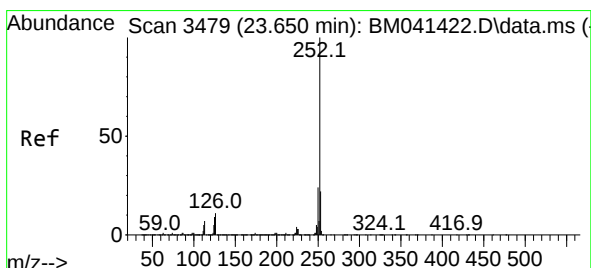
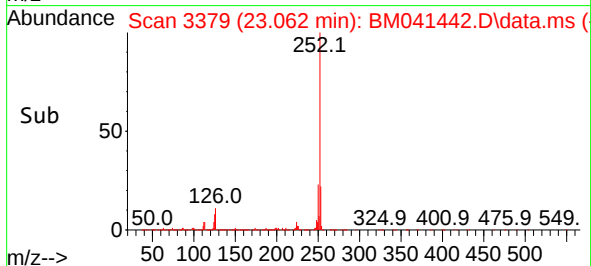
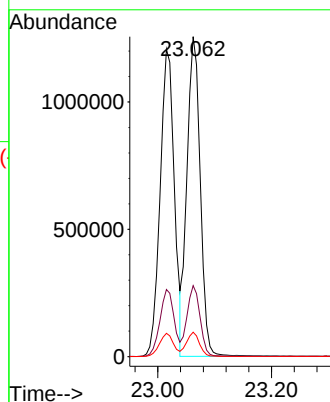
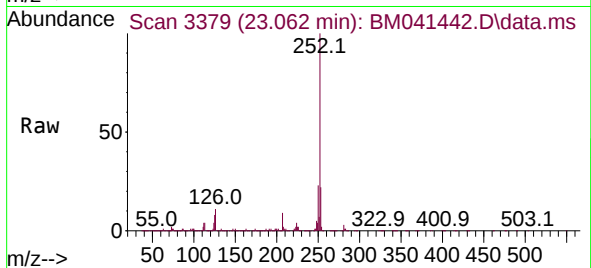
Tgt Ion:252 Resp: 2038542
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 7.6 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#90

Benzo(a)pyrene

Concen: 32.514 ng

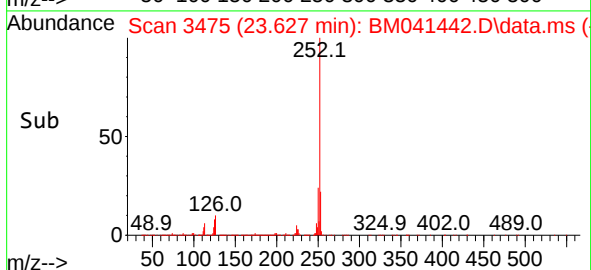
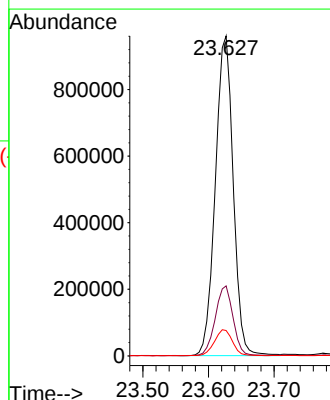
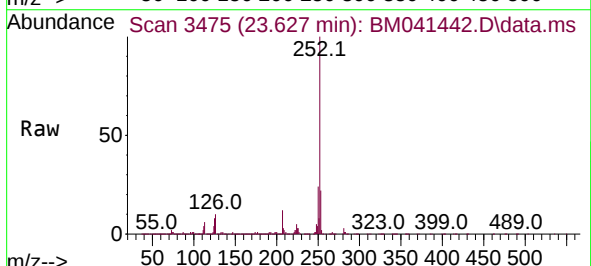
RT: 23.627 min Scan# 3475

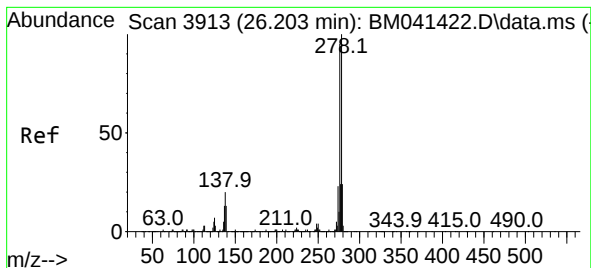
Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion:252 Resp: 1822988
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 7.9 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 34.796 ng

RT: 26.150 min Scan# 3913

Delta R.T. -0.012 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion:278 Resp: 1882301

Ion Ratio Lower Upper

278 100

139 11.9 10.6 16.0

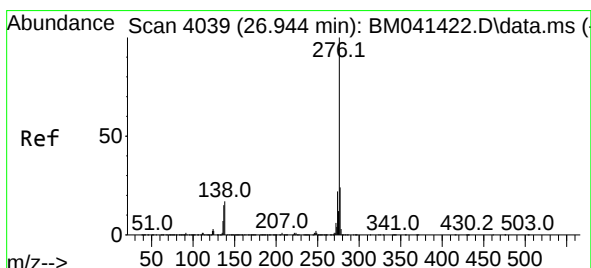
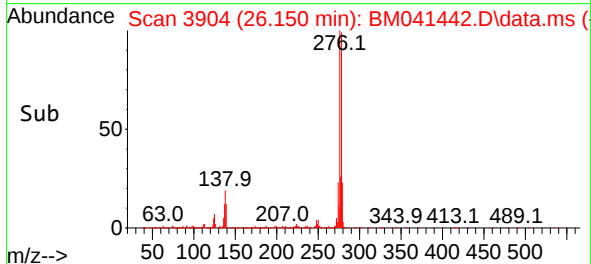
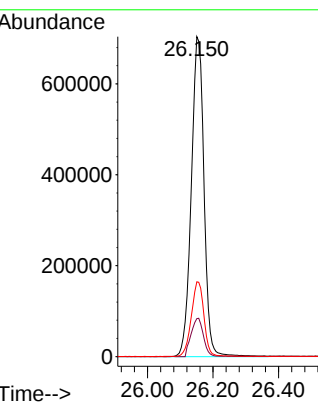
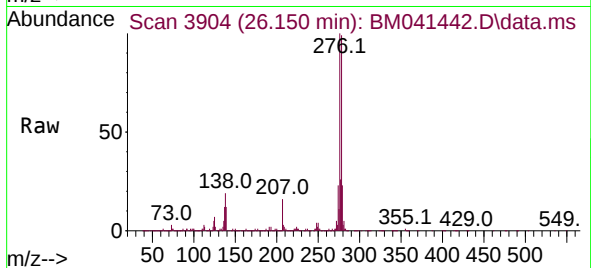
279 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#92

Benzo(g,h,i)perylene

Concen: 33.301 ng

RT: 26.885 min Scan# 4029

Delta R.T. -0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion:276 Resp: 1741528

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 16.1 13.2 19.8

