

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042492.D
 Acq On : 30 Oct 2023 13:29
 Operator : MA/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 19:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:44:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	82914	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	337305	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	205506	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	452070	20.000	ng	0.00
76) Chrysene-d12	21.509	240	441056	20.000	ng	0.00
86) Perylene-d12	23.933	264	444423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	411261	80.050	ng	0.00
7) Phenol-d6	7.098	99	569557	80.835	ng	0.00
23) Nitrobenzene-d5	9.134	82	610771	84.410	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	223368	83.251	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1263813	82.751	ng	0.00
79) Terphenyl-d14	19.945	244	2235748	85.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	97082	39.651	ng	100
3) Pyridine	3.758	79	278776	40.451	ng	100
4) n-Nitrosodimethylamine	3.675	42	134655	39.838	ng	100
6) Aniline	7.275	93	362791	40.507	ng	100
8) 2-Chlorophenol	7.487	128	220490	39.802	ng	100
9) Benzaldehyde	7.093	77	158223	38.963	ng	100
10) Phenol	7.128	94	285693	39.924	ng	100
11) bis(2-Chloroethyl)ether	7.369	93	238700	39.430	ng	100
12) 1,3-Dichlorobenzene	7.804	146	235640	39.358	ng	100
13) 1,4-Dichlorobenzene	7.963	146	236854	39.090	ng	100
14) 1,2-Dichlorobenzene	8.275	146	229411	39.215	ng	100
15) Benzyl Alcohol	8.198	79	208283m	41.755	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	379020	39.181	ng	100
17) 2-Methylphenol	8.381	107	204262	40.313	ng	100
18) Hexachloroethane	8.992	117	93625	39.490	ng	100
19) n-Nitroso-di-n-propyla...	8.757	70	206514	41.432	ng	100
20) 3+4-Methylphenols	8.716	107	278725	41.145	ng	100
22) Acetophenone	8.787	105	353877	41.598	ng	100
24) Nitrobenzene	9.175	77	299707	42.053	ng	100
25) Isophorone	9.698	82	542966	42.396	ng	100
26) 2-Nitrophenol	9.875	139	117921	39.575	ng	100
27) 2,4-Dimethylphenol	9.922	122	207213	41.954	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	324565	42.065	ng	100
29) 2,4-Dichlorophenol	10.398	162	208810	43.073	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	220472	41.498	ng	100
31) Naphthalene	10.798	128	725177	41.612	ng	100
32) Benzoic acid	10.075	122	155295	39.744	ng	100
33) 4-Chloroaniline	10.945	127	300632	44.243	ng	100
34) Hexachlorobutadiene	11.022	225	132129	40.962	ng	100
35) Caprolactam	11.804	113	72539	42.588	ng	100
36) 4-Chloro-3-methylphenol	12.045	107	238042	43.146	ng	100
37) 2-Methylnaphthalene	12.404	142	516468	42.081	ng	100
38) 1-Methylnaphthalene	12.628	142	483449	41.849	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	252979	41.206	ng	100
41) Hexachlorocyclopentadiene	12.698	237	130049	38.223	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	167785	42.668	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	199456	42.625	ng	100
46) 1,1'-Biphenyl	13.416	154	658611	41.925	ng	100
47) 2-Chloronaphthalene	13.463	162	483631	41.966	ng	100
48) 2-Nitroaniline	13.704	65	182545	40.063	ng	100
49) Acenaphthylene	14.310	152	812734	42.582	ng	100
50) Dimethylphthalate	14.051	163	653073	42.519	ng	100
51) 2,6-Dinitrotoluene	14.192	165	137337	43.385	ng	100
52) Acenaphthene	14.645	154	486460	41.996	ng	100
53) 3-Nitroaniline	14.533	138	137877	39.670	ng	100
54) 2,4-Dinitrophenol	14.733	184	79958	39.896	ng	100
55) Dibenzofuran	14.980	168	792675	42.089	ng	100
56) 4-Nitrophenol	14.833	139	102909	39.619	ng	100
57) 2,4-Dinitrotoluene	14.974	165	187301	39.786	ng	100
58) Fluorene	15.627	166	649551	42.627	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	168340	42.712	ng	100
60) Diethylphthalate	15.398	149	669494	43.024	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	325882	42.332	ng	100
62) 4-Nitroaniline	15.698	138	121425	39.456	ng	100
63) Azobenzene	15.910	77	752396	43.877	ng	100
65) 4,6-Dinitro-2-methylph...	15.721	198	114363	40.403	ng	100
66) n-Nitrosodiphenylamine	15.845	169	547611	42.961	ng	100
67) 4-Bromophenyl-phenylether	16.516	248	193873	42.888	ng	100
68) Hexachlorobenzene	16.592	284	212167	42.426	ng	100
69) Atrazine	16.798	200	156747	42.557	ng	100
70) Pentachlorophenol	16.963	266	153354	41.711	ng	100
71) Phenanthrene	17.374	178	1009337	42.724	ng	100
72) Anthracene	17.463	178	1024120	43.766	ng	100
73) Carbazole	17.751	167	881263	46.294	ng	100
74) Di-n-butylphthalate	18.274	149	1177074	44.031	ng	100
75) Fluoranthene	19.386	202	1201255	43.286	ng	100
77) Benzidine	19.604	184	173318	41.018	ng	100
78) Pyrene	19.751	202	1267079	41.837	ng	100
80) Butylbenzylphthalate	20.633	149	559384	43.245	ng	100
81) Benzo(a)anthracene	21.492	228	1163656	41.467	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	386097	43.291	ng	100
83) Chrysene	21.551	228	1176079	41.258	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	823189	42.109	ng	100
85) Di-n-octyl phthalate	22.309	149	1391195	41.344	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	1105115	41.780	ng	100
88) Benzo(b)fluoranthene	23.186	252	1033421	41.738	ng	100
89) Benzo(k)fluoranthene	23.233	252	1099938	39.867	ng	100
90) Benzo(a)pyrene	23.821	252	1014128	41.603	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	920625	38.589	ng	100
92) Benzo(g,h,i)perylene	27.256	276	946345	40.593	ng	100

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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

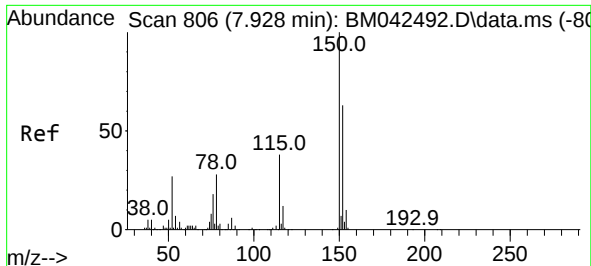
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Abundance

Time-->

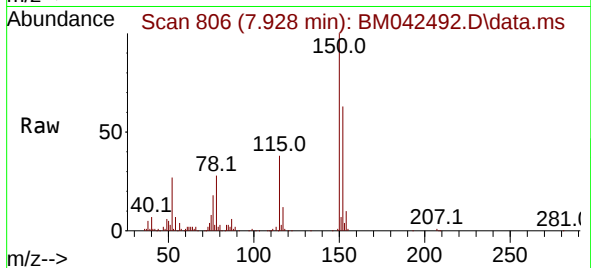
Compounds identified in the chromatogram:

- 1,4-Dioxane
- n-Nitrosodiphenylamine
- 2-Fluorophenol, S
- Benzaldehyde, S
- Phenol, C
- bis(2-chlorophenyl) ether
- 1,4-dichlorobenzene
- Benzothiazole
- 2,2'-oxybis(2-chlorophenylene)
- 4-nitrophenylamine, P
- Nitrobenzene
- Nitrobenzene-d5, S
- Isobutylene
- 2-nitrophenol
- Benzic acid
- (2-chloroethoxy)methane
- 2,4-dichlorophenol, C
- Naphthalene d8, 1,2,3,4-tetrahydro
- 2-chloronaphthalene, C
- Caprolactam
- 4-Chloro-3-methylphenol, C
- 2-Methylnaphthalene
- Hexachlorocyclopentadiene
- 2,4,6-Trichlorophenol, C
- 2-Chloronaphthalene
- 2-Nitroaniline
- Dimethylphthalate
- Acenaphthylene
- 2,6-Dinitrotoluene
- 2-Nitrofluorene-d10, I
- 4-Nitrophenol, C
- 2,3,4,6-Tetrachlorophenol
- Diethyl phthalate
- 4-Nitroanisole
- 4-Nitro-2-methylphenol, C
- 2,4,6-Tribromophenol, S
- 4-Chlorophenyl-phenylether
- 4-Nitrodiphenylamine, c
- 4-Nitrophenyl-phenylether
- 4-Bromodiphenyl ether
- Pentazole
- Perfluorophenol, C
- Phenanthrene-d10, I
- Aldrichene
- Carbazole
- Di-n-butylphthalate
- Fluoranthene, C
- Pyrene
- Benzidline
- Butylbenzylphthalate
- Chrysene
- Benzo(a,h,i)perylene
- Benzo(a,b)pyrene
- Benzo(a,k)fluoranthene
- Benzo(a)pyrene, C
- Pyrene-d12, I
- Terphenyl-d14, S
- Benzo(a,g,h,i)perylene
- Dibenzo(a,b)pyrene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

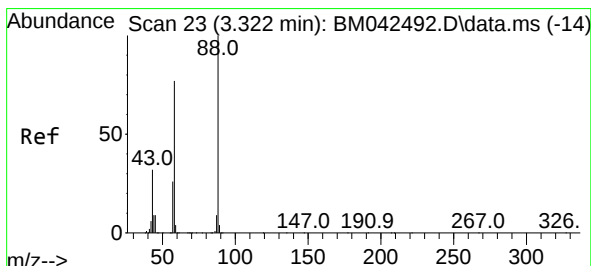
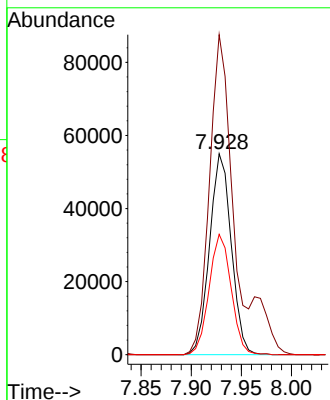
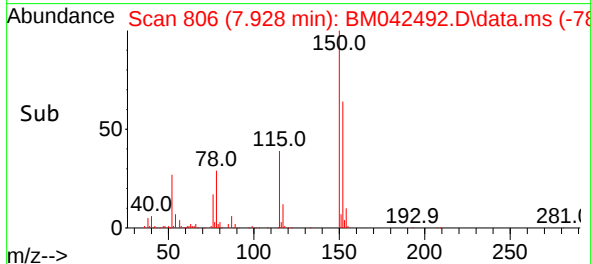
Instrument :
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Tgt Ion:152 Resp: 82914
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 59.9 47.9 71.9

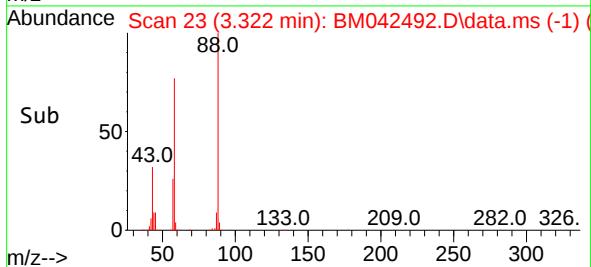
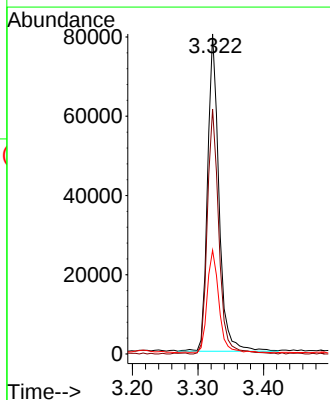
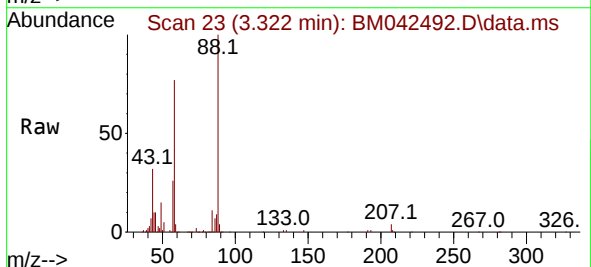
Manual Integrations
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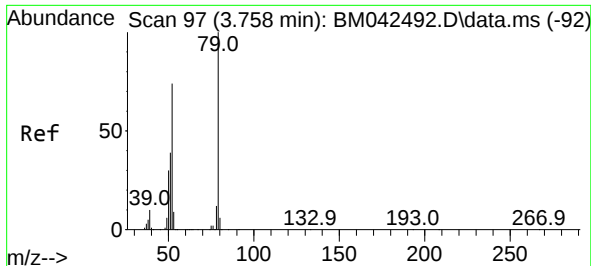
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#2
1,4-Dioxane
Concen: 39.651 ng
RT: 3.322 min Scan# 23
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

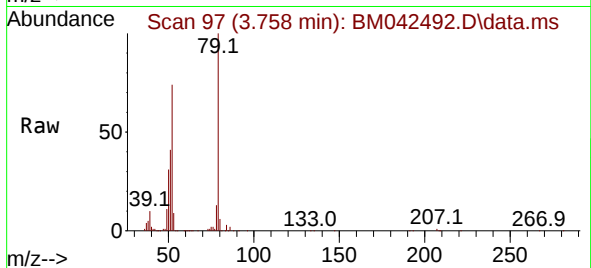
Tgt Ion: 88 Resp: 97082
Ion Ratio Lower Upper
88 100
58 78.2 62.6 93.8
43 33.1 26.5 39.7





#3
 Pyridine
 Concen: 40.451 ng
 RT: 3.758 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BM042492.D
 Acq: 30 Oct 2023 13:29

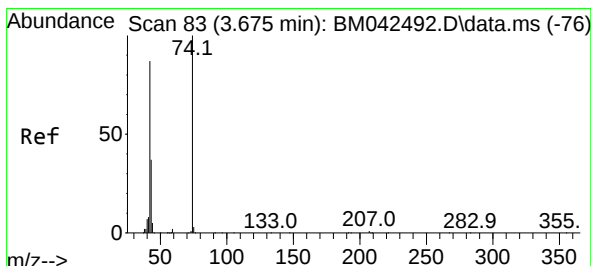
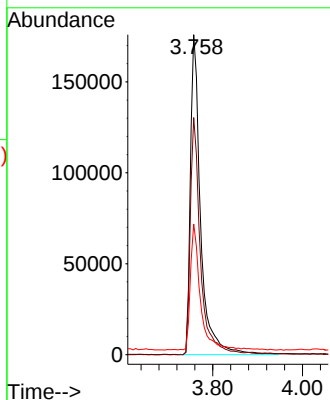
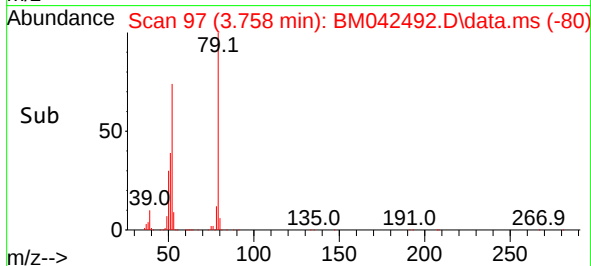
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040



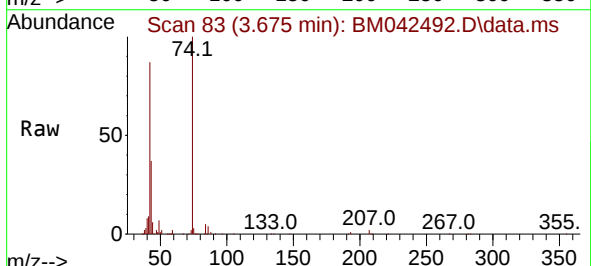
Tgt Ion: 79 Resp: 278770
 Ion Ratio Lower Upper
 79 100
 52 74.1 59.3 88.9
 51 40.9 32.7 49.1

Manual Integrations
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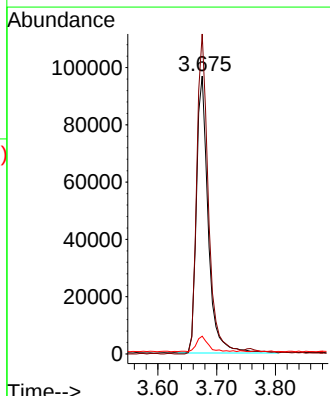
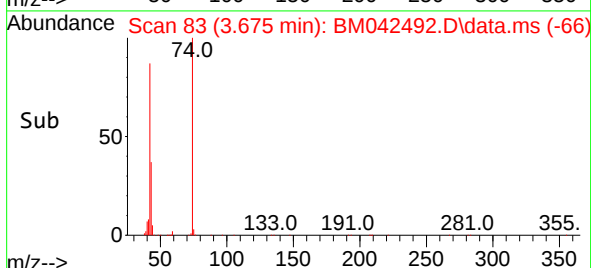
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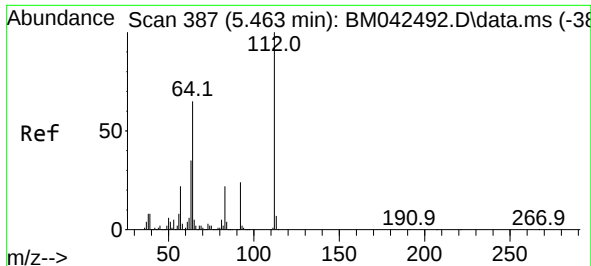


#4
 n-Nitrosodimethylamine
 Concen: 39.838 ng
 RT: 3.675 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BM042492.D
 Acq: 30 Oct 2023 13:29



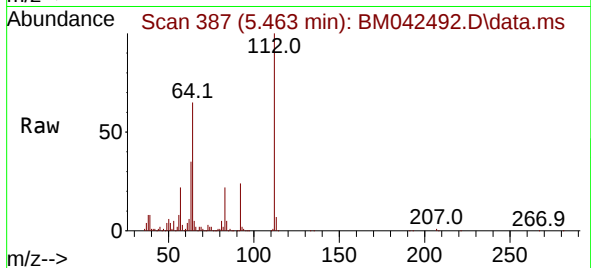
Tgt Ion: 42 Resp: 134655
 Ion Ratio Lower Upper
 42 100
 74 115.2 92.2 138.2
 44 6.4 5.1 7.7





#5
2-Fluorophenol
Concen: 80.050 ng
RT: 5.463 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

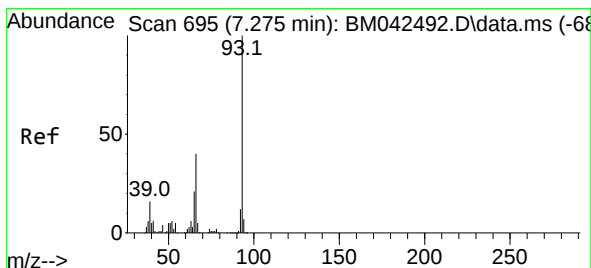
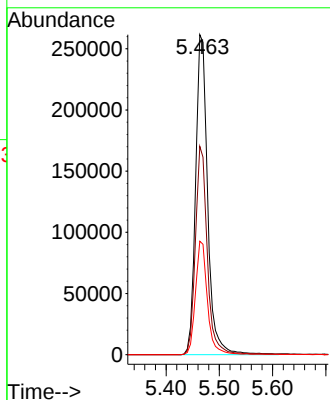
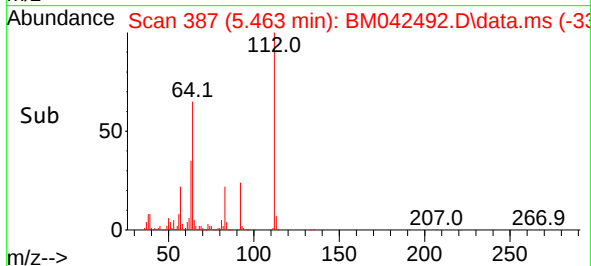
Instrument :
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ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 41126
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 35.4 28.3 42.5

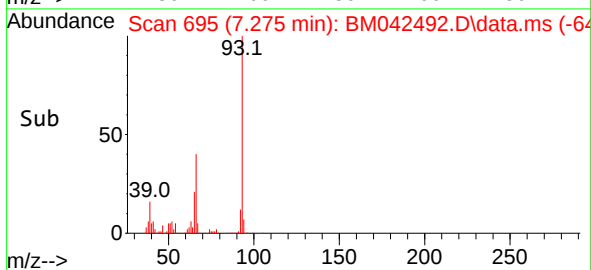
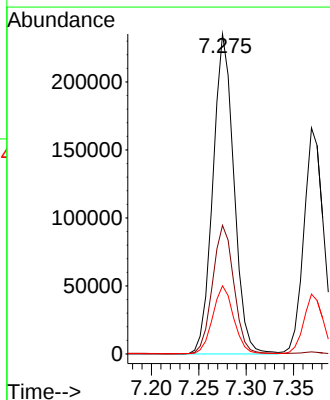
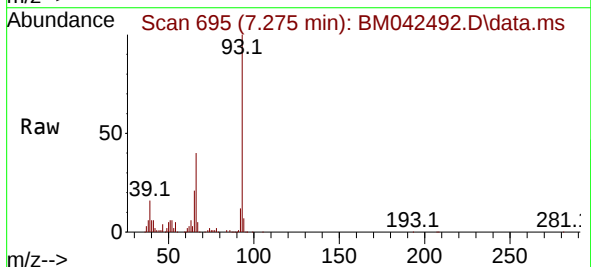
Manual Integrations
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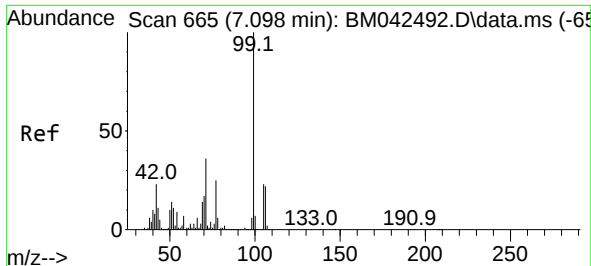
Reviewed By :Yogesh Patel 10/31/2023
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#6
Aniline
Concen: 40.507 ng
RT: 7.275 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

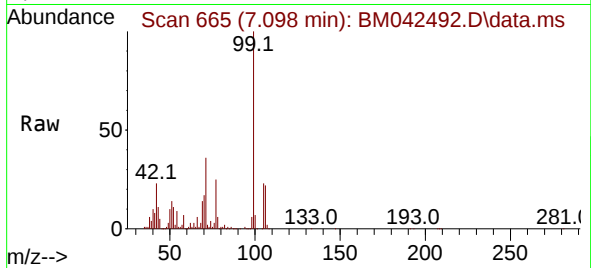
Tgt Ion: 93 Resp: 362791
Ion Ratio Lower Upper
93 100
66 40.2 32.2 48.2
65 21.3 17.0 25.6





#7
Phenol-d6
Concen: 80.835 ng
RT: 7.098 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

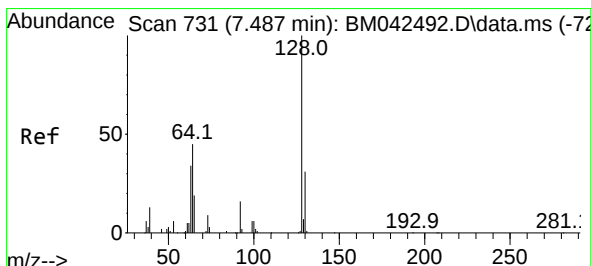
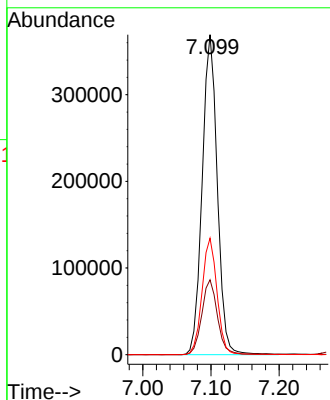
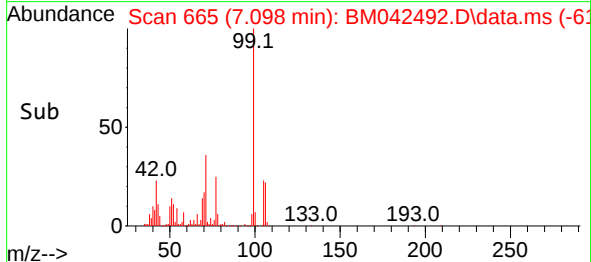
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



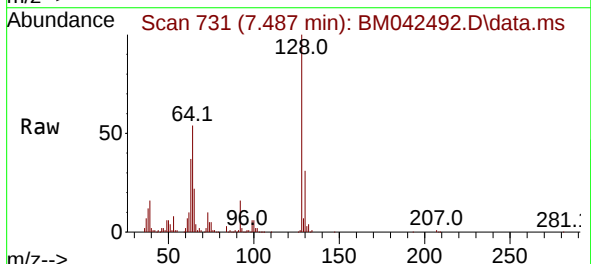
Tgt Ion: 99 Resp: 56955
Ion Ratio Lower Upper
99 100
42 23.4 18.7 28.1
71 36.4 29.1 43.7

Manual Integrations
APPROVED

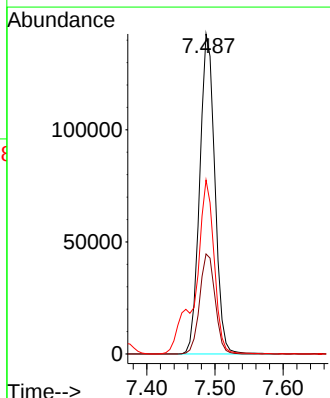
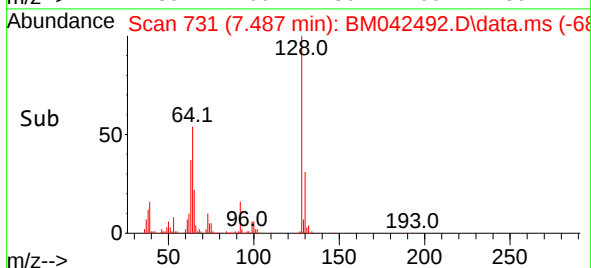
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#8
2-Chlorophenol
Concen: 39.802 ng
RT: 7.487 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



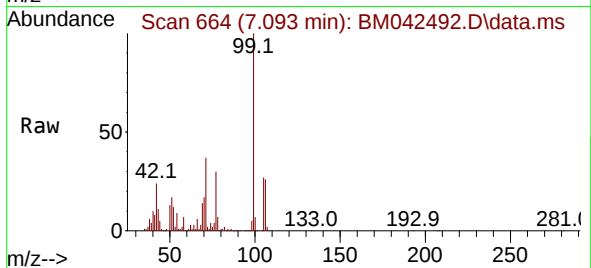
Tgt Ion:128 Resp: 220490
Ion Ratio Lower Upper
128 100
130 31.2 11.2 51.2
64 54.4 34.4 74.4





#9
Benzaldehyde
Concen: 38.963 ng
RT: 7.093 min Scan# 664
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

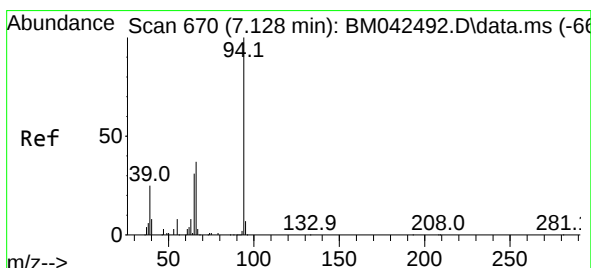
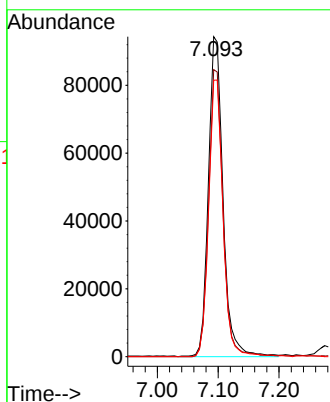
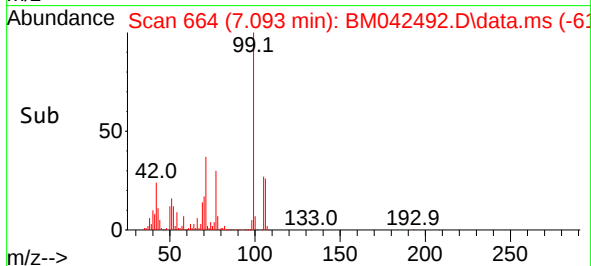
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 15822
Ion Ratio Lower Upper
77 100
105 89.7 69.7 109.7
106 86.4 66.4 106.4

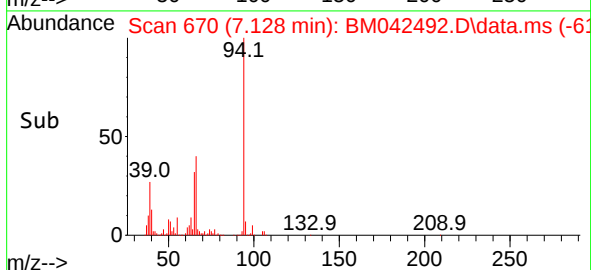
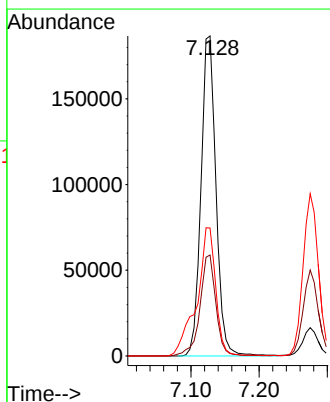
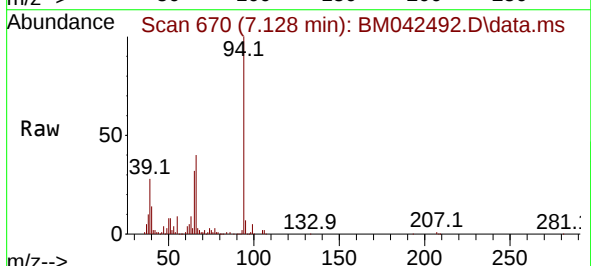
Manual Integrations
APPROVED

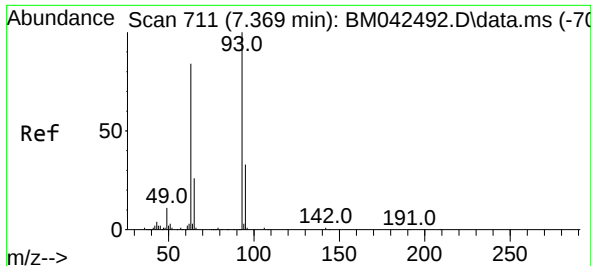
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#10
Phenol
Concen: 39.924 ng
RT: 7.128 min Scan# 670
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

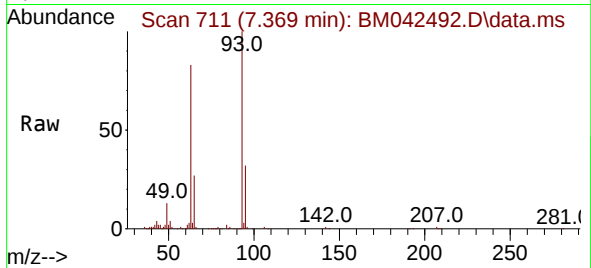
Tgt Ion: 94 Resp: 285693
Ion Ratio Lower Upper
94 100
65 31.5 11.5 51.5
66 40.0 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 39.430 ng
RT: 7.369 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

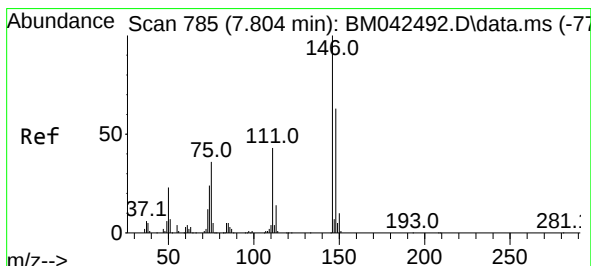
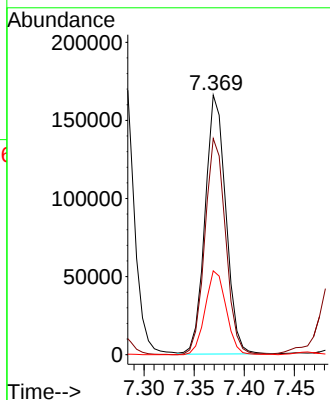
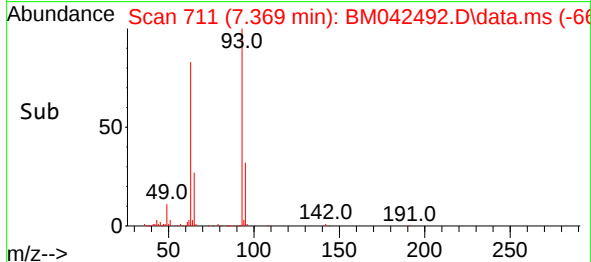
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



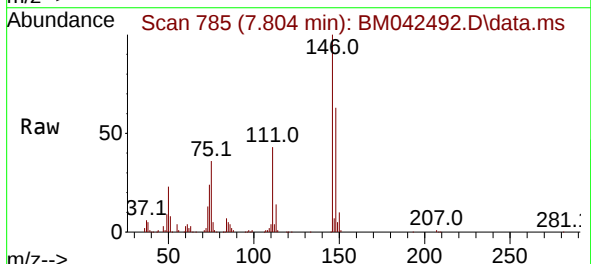
Tgt Ion: 93 Resp: 238700
Ion Ratio Lower Upper
93 100
63 83.2 63.2 103.2
95 32.3 12.3 52.3

Manual Integrations
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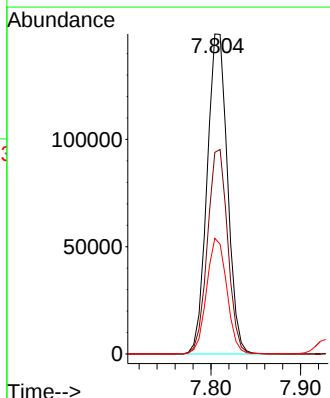
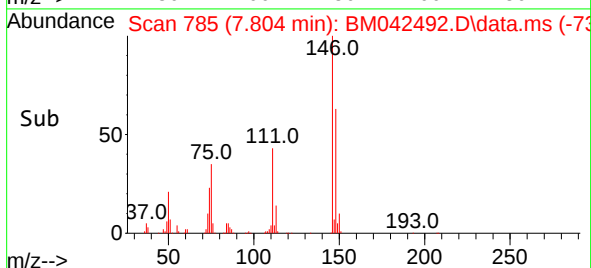
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#12
1,3-Dichlorobenzene
Concen: 39.358 ng
RT: 7.804 min Scan# 785
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



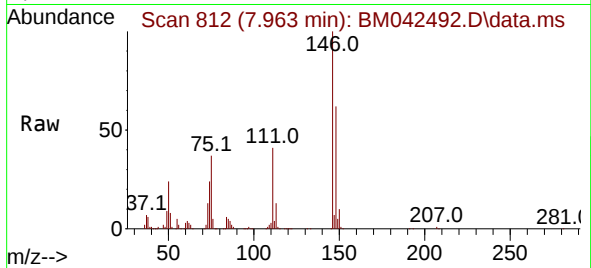
Tgt Ion:146 Resp: 235640
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
75 36.1 28.9 43.3





#13
1,4-Dichlorobenzene
Concen: 39.090 ng
RT: 7.963 min Scan# 812
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

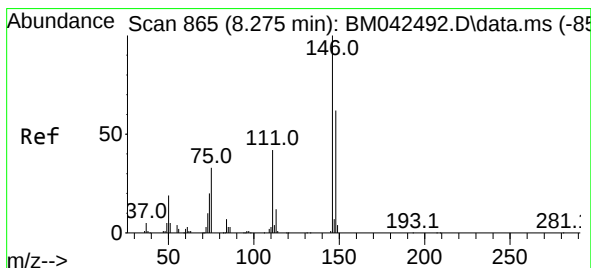
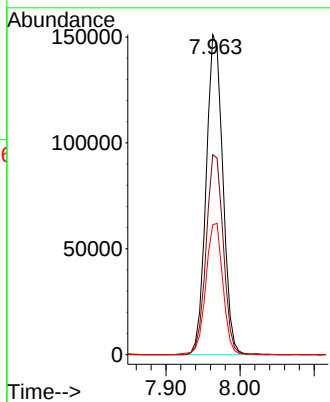
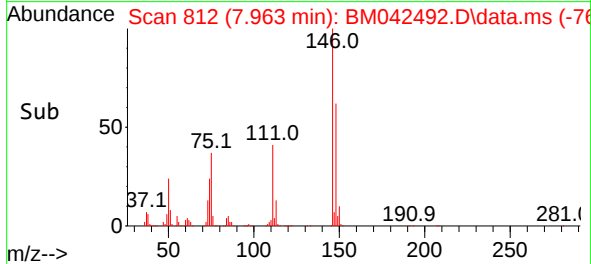
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



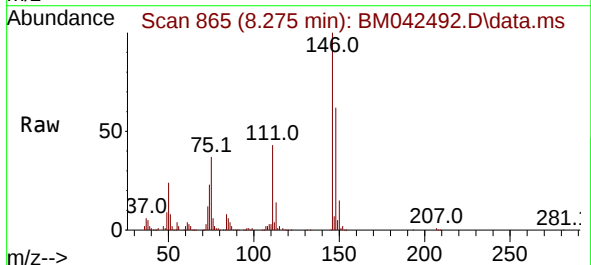
Tgt Ion:146 Resp: 236854
Ion Ratio Lower Upper
146 100
148 62.5 50.0 75.0
111 40.6 32.5 48.7

Manual Integrations
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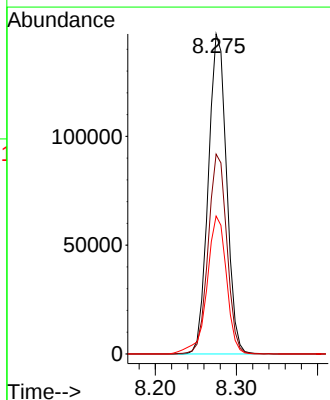
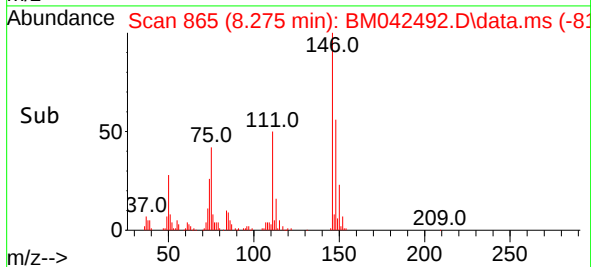
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

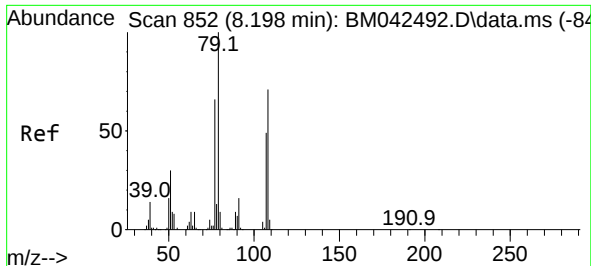


#14
1,2-Dichlorobenzene
Concen: 39.215 ng
RT: 8.275 min Scan# 865
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



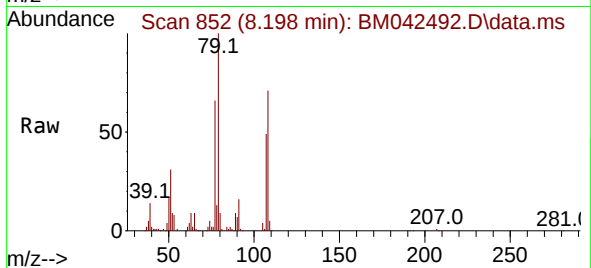
Tgt Ion:146 Resp: 229411
Ion Ratio Lower Upper
146 100
148 62.5 50.0 75.0
111 43.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 41.755 ng m
RT: 8.198 min Scan# 852
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

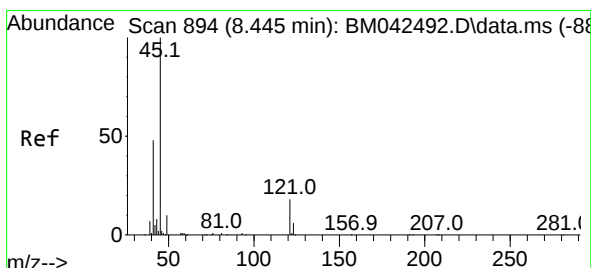
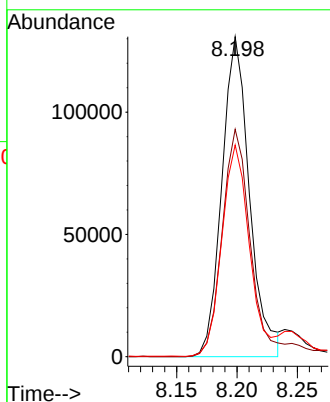
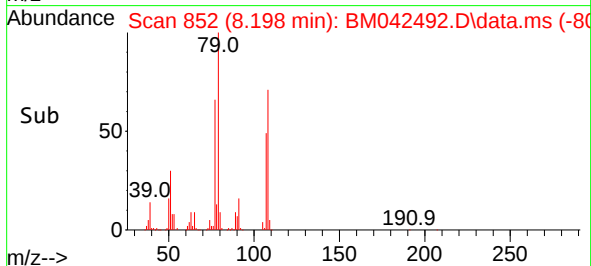
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



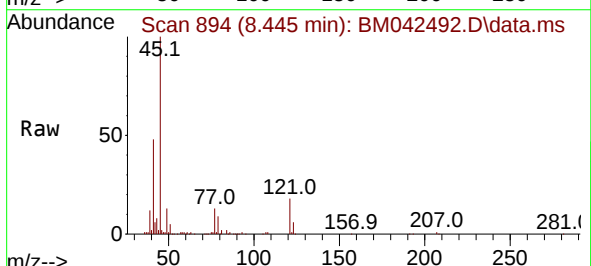
Tgt Ion: 79 Resp: 20828
Ion Ratio Lower Upper
79 100
108 71.0 56.8 85.2
77 66.2 53.0 79.4

Manual Integrations
APPROVED

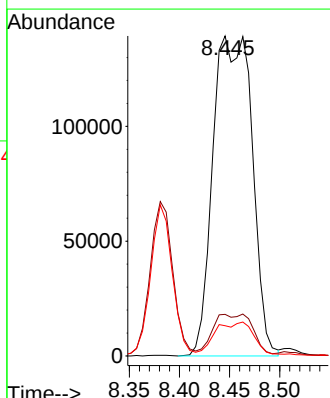
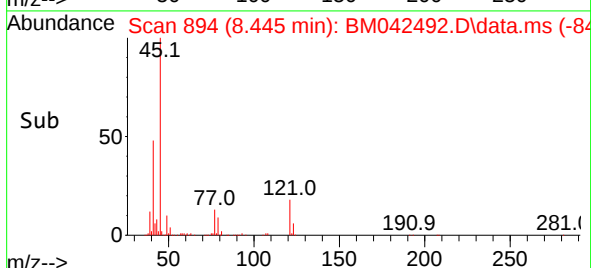
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

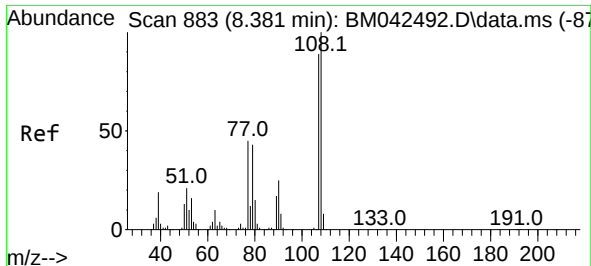


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.181 ng
RT: 8.445 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



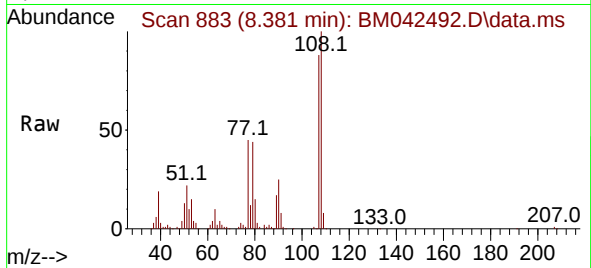
Tgt Ion: 45 Resp: 379020
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.0
79 9.5 0.0 29.5





#17
2-Methylphenol
Concen: 40.313 ng
RT: 8.381 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

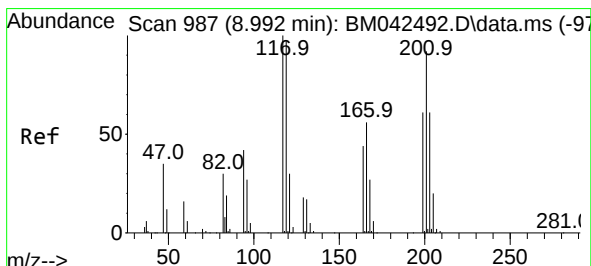
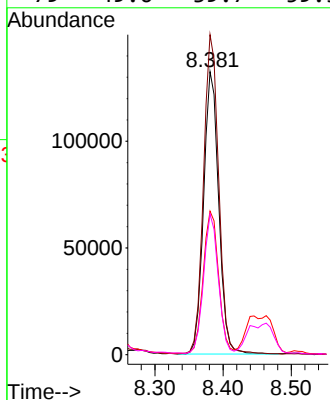
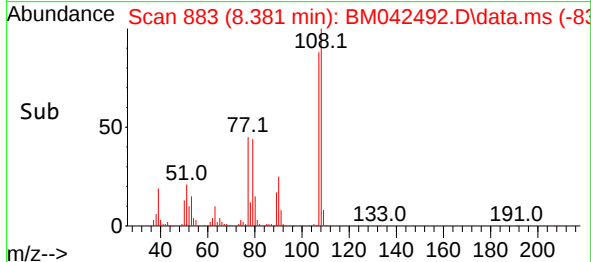
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 20426
Ion Ratio Lower Upper
107 100
108 113.0 90.4 135.6
77 50.7 40.6 60.8
79 49.6 39.7 59.5

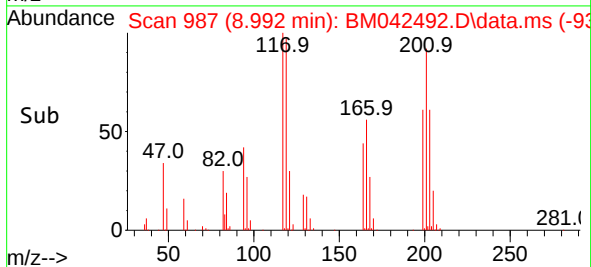
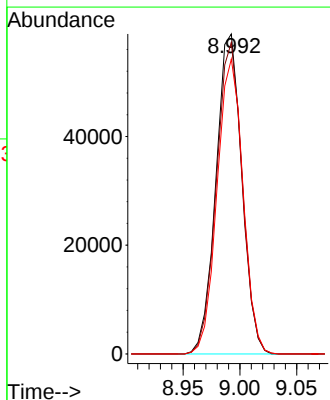
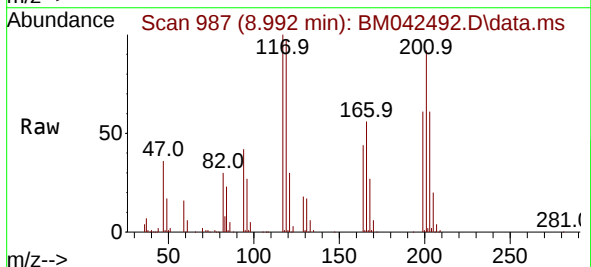
Manual Integrations
APPROVED

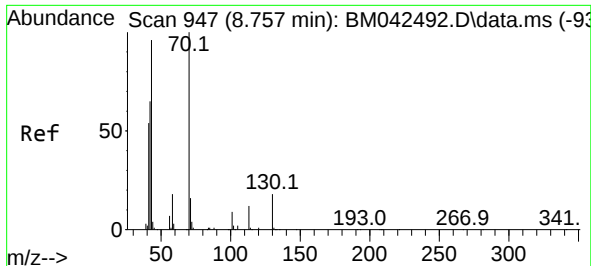
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#18
Hexachloroethane
Concen: 39.490 ng
RT: 8.992 min Scan# 987
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

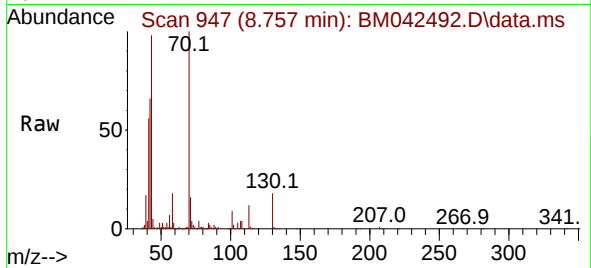
Tgt Ion:117 Resp: 93625
Ion Ratio Lower Upper
117 100
119 97.4 77.9 116.9
201 92.1 73.7 110.5





#19
n-Nitroso-di-n-propylamine
Concen: 41.432 ng
RT: 8.757 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

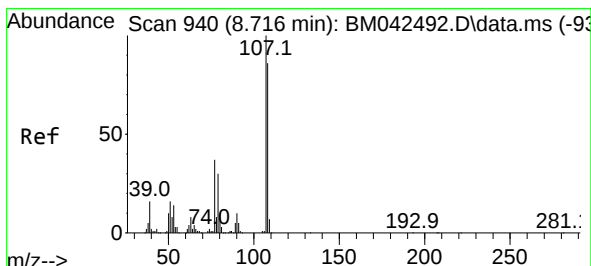
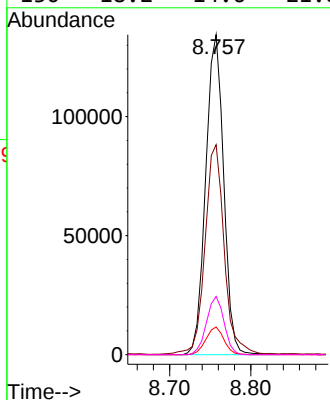
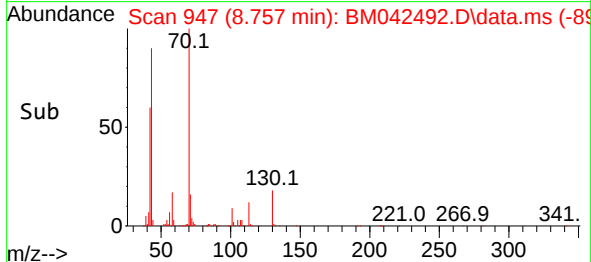
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



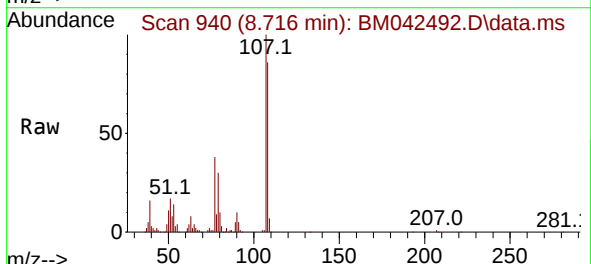
Tgt Ion: 70 Resp: 206514
Ion Ratio Lower Upper
70 100
42 65.6 52.5 78.7
101 8.7 7.0 10.4
130 18.2 14.6 21.8

Manual Integrations
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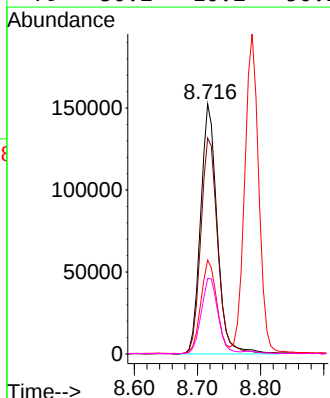
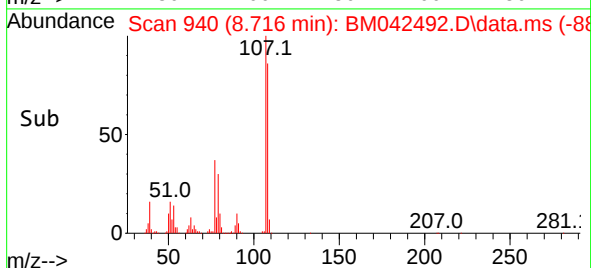
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

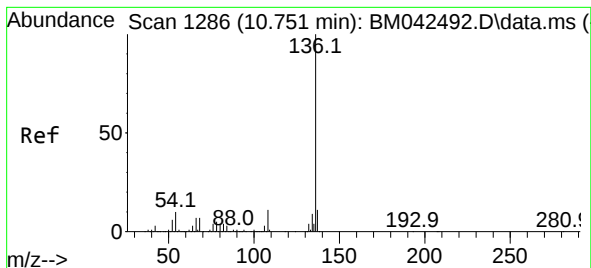


#20
3+4-Methylphenols
Concen: 41.145 ng
RT: 8.716 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



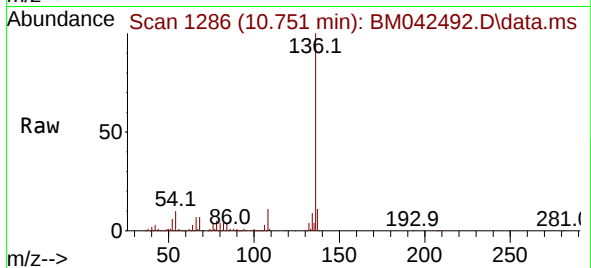
Tgt Ion:107 Resp: 278725
Ion Ratio Lower Upper
107 100
108 86.4 66.4 106.4
77 37.6 17.6 57.6
79 30.2 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

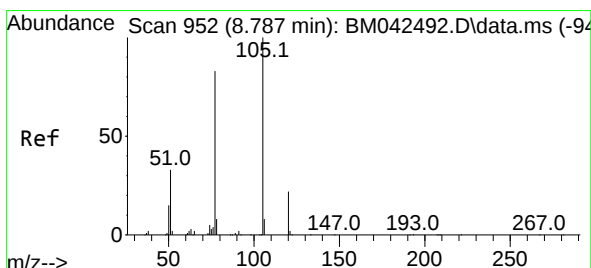
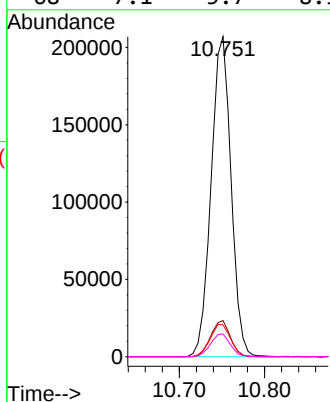
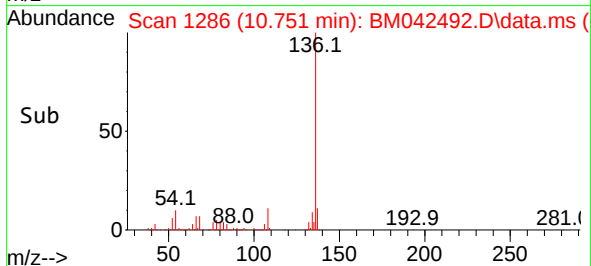
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 337309
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.0 8.0 12.0
68 7.1 5.7 8.5

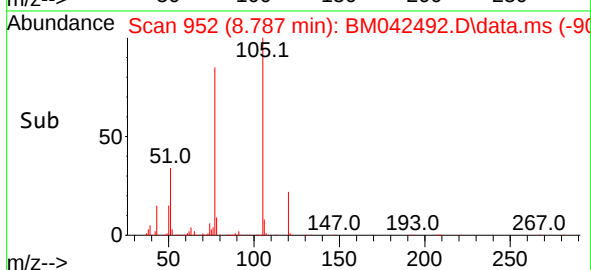
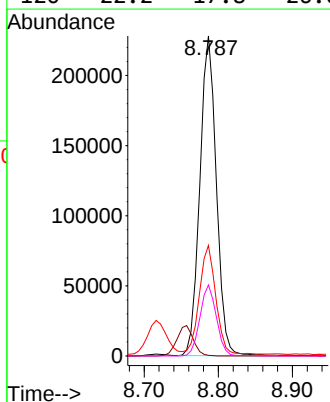
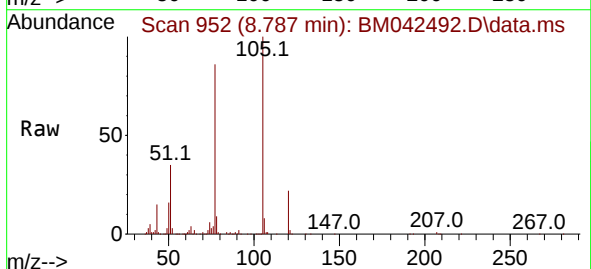
Manual Integrations
APPROVED

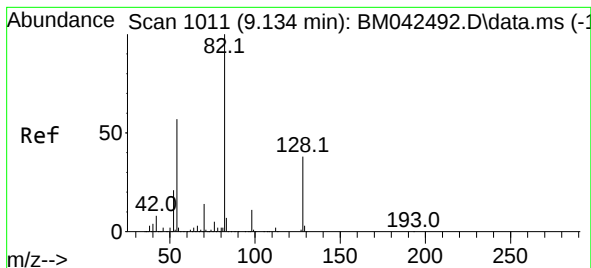
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 41.598 ng
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

Tgt Ion:105 Resp: 353877
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2
51 34.5 27.6 41.4
120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 84.410 ng

RT: 9.134 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 61077

Ion Ratio Lower Upper

82 100

128 38.4 30.7 46.1

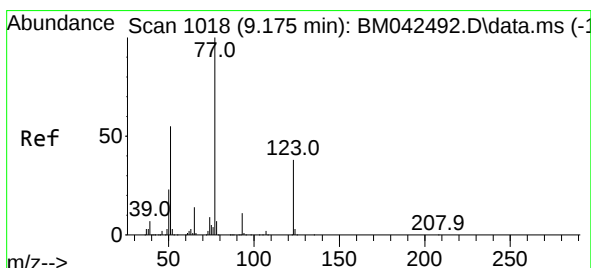
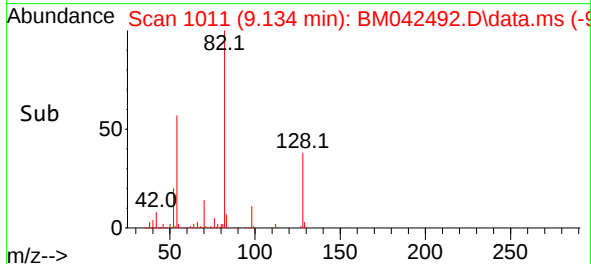
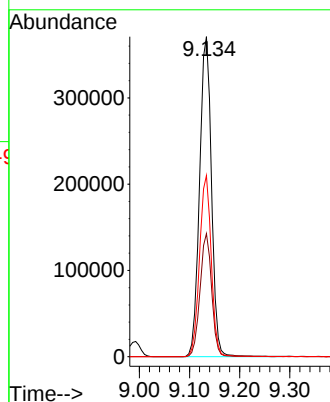
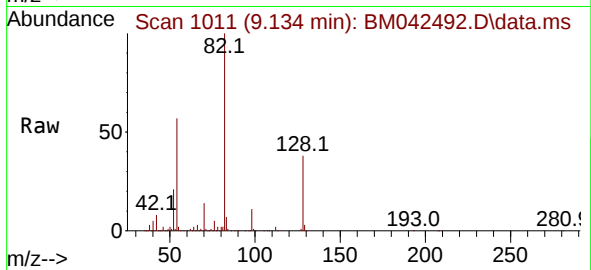
54 56.6 45.3 67.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#24

Nitrobenzene

Concen: 42.053 ng

RT: 9.175 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

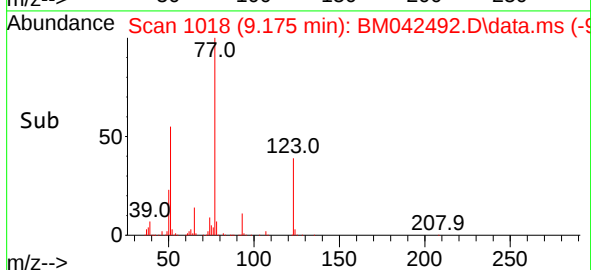
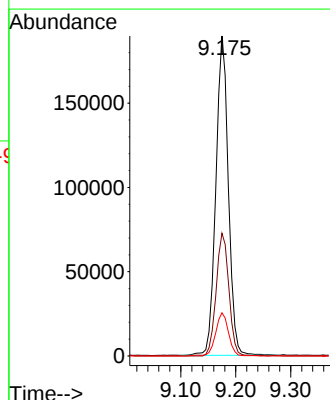
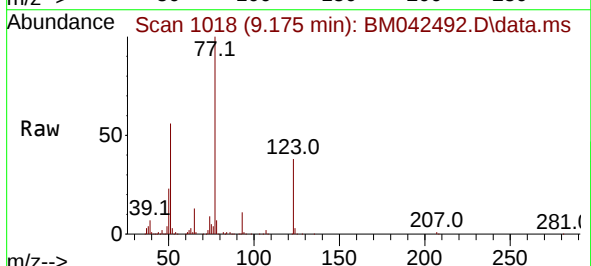
Tgt Ion: 77 Resp: 299707

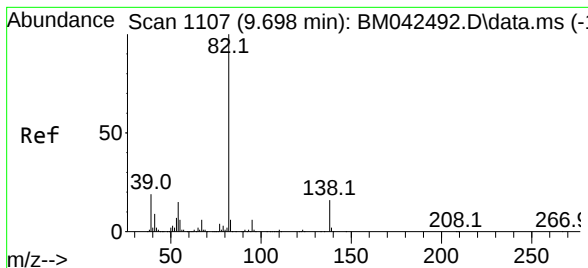
Ion Ratio Lower Upper

77 100

123 38.3 30.6 46.0

65 13.5 10.8 16.2





#25

Isophorone

Concen: 42.396 ng

RT: 9.698 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

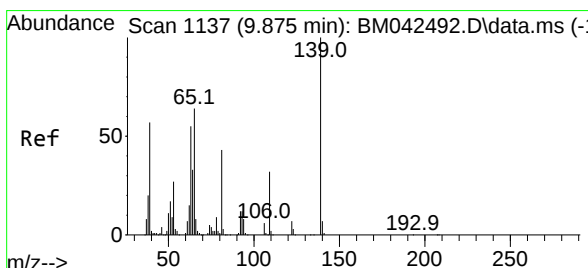
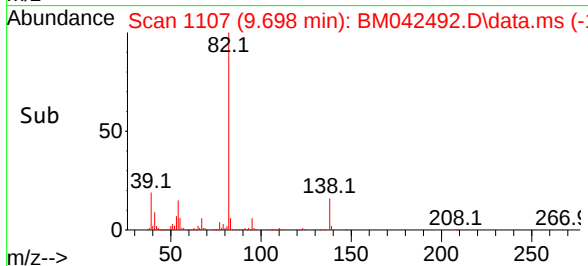
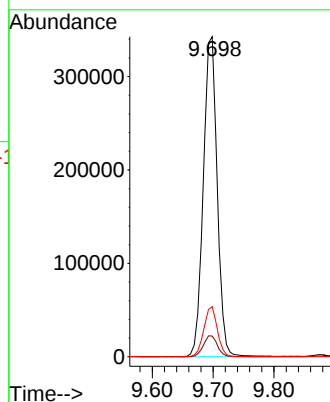
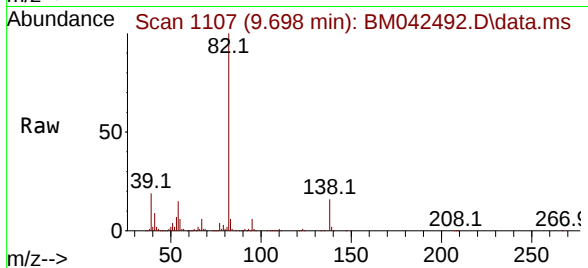
Tgt Ion: 82 Resp: 542960
 Ion Ratio Lower Upper
 82 100
 95 6.5 5.2 7.8
 138 15.7 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#26

2-Nitrophenol

Concen: 39.575 ng

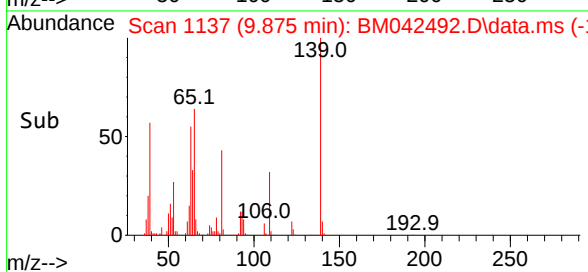
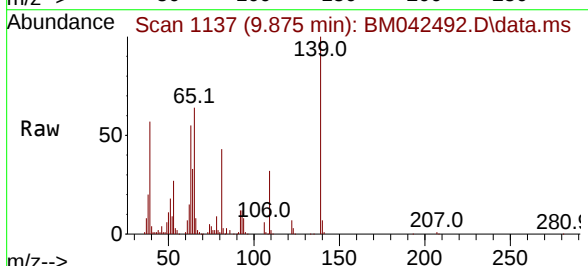
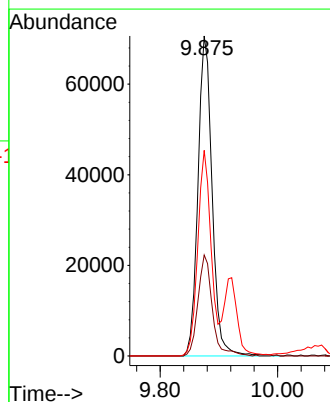
RT: 9.875 min Scan# 1137

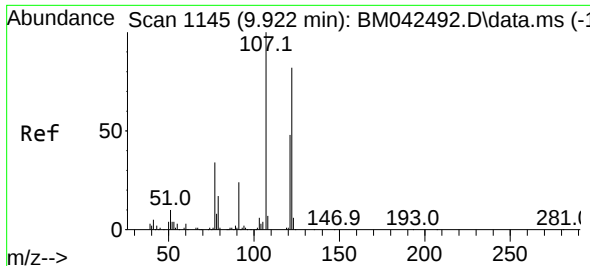
Delta R.T. -0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

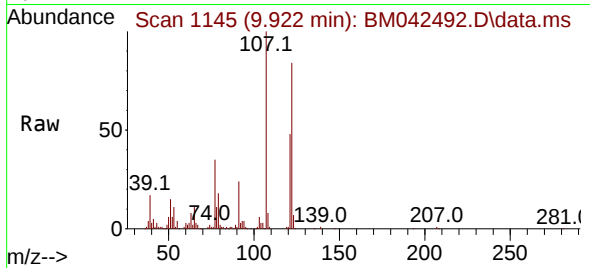
Tgt Ion:139 Resp: 117921
 Ion Ratio Lower Upper
 139 100
 109 31.5 25.2 37.8
 65 64.2 51.4 77.0





#27
2,4-Dimethylphenol
Concen: 41.954 ng
RT: 9.922 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

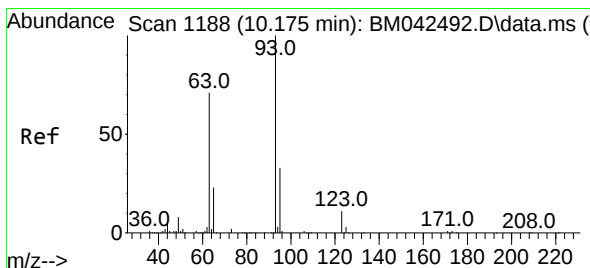
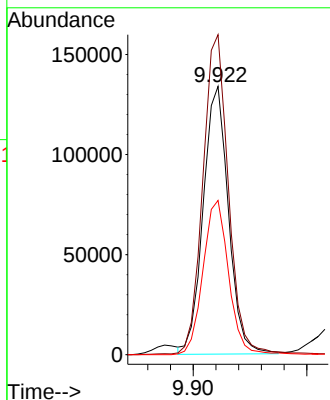
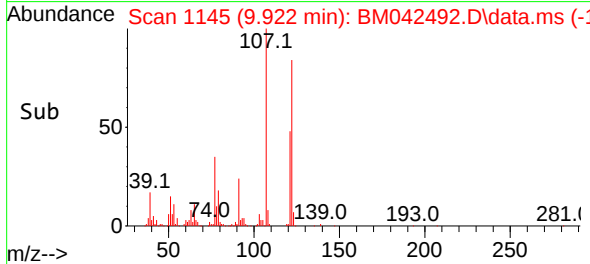
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:122 Resp: 20721
Ion Ratio Lower Upper
122 100
107 119.3 95.4 143.2
121 57.5 46.0 69.0

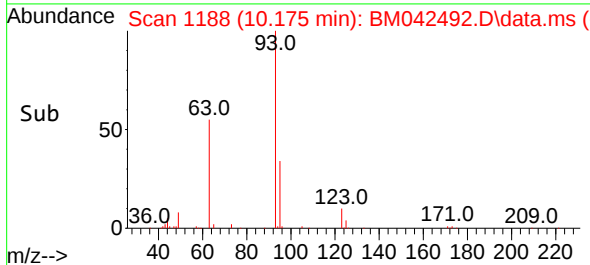
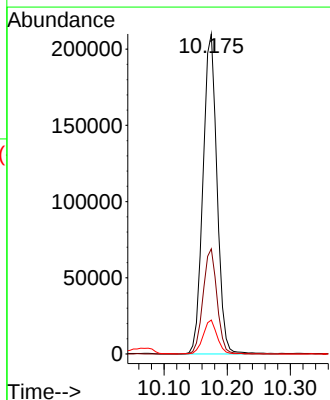
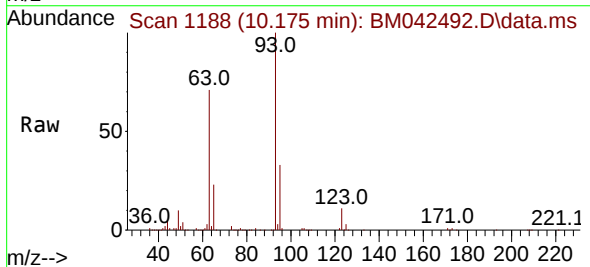
Manual Integrations
APPROVED

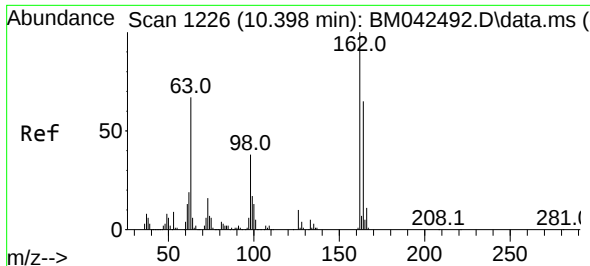
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.065 ng
RT: 10.175 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

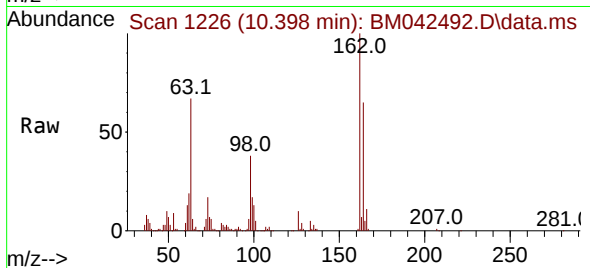
Tgt Ion: 93 Resp: 324565
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.6 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 43.073 ng
RT: 10.398 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

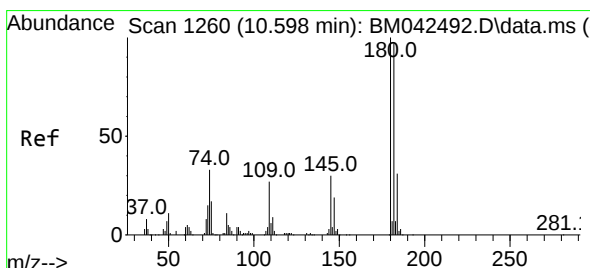
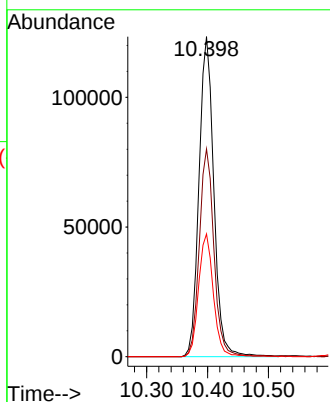
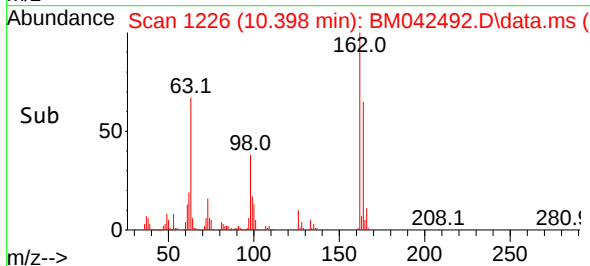
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



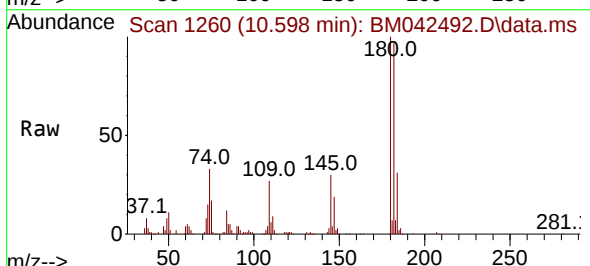
Tgt Ion:162 Resp: 208810
Ion Ratio Lower Upper
162 100
164 64.9 44.9 84.9
98 38.4 18.4 58.4

Manual Integrations
APPROVED

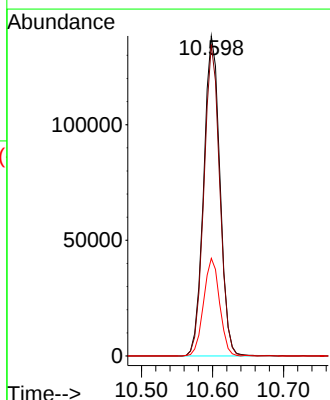
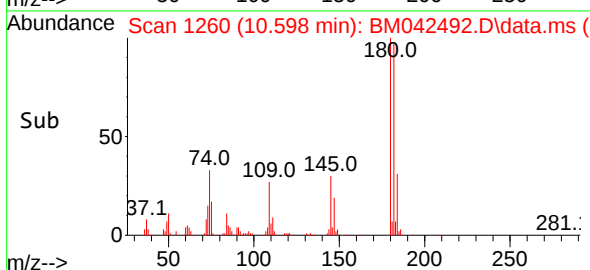
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

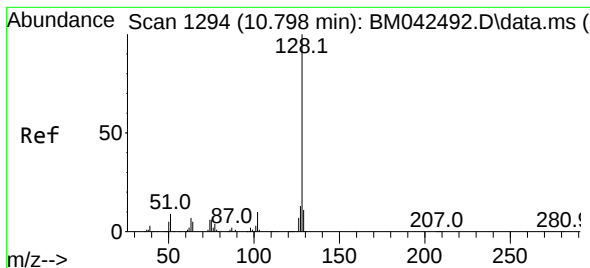


#30
1,2,4-Trichlorobenzene
Concen: 41.498 ng
RT: 10.598 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



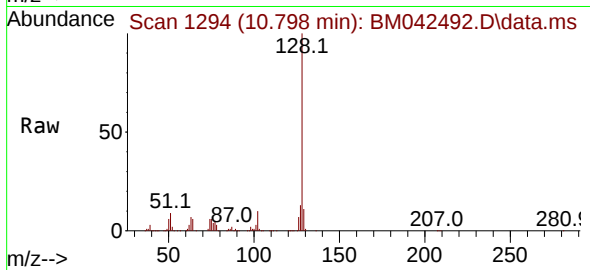
Tgt Ion:180 Resp: 220472
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.8
145 30.5 24.4 36.6





#31
Naphthalene
Concen: 41.612 ng
RT: 10.798 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

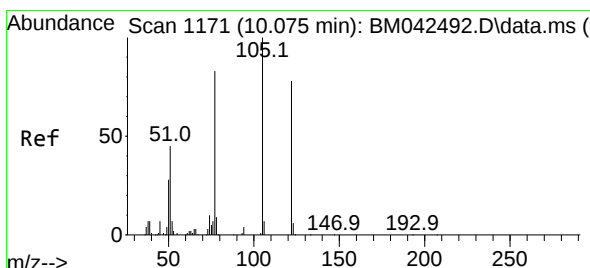
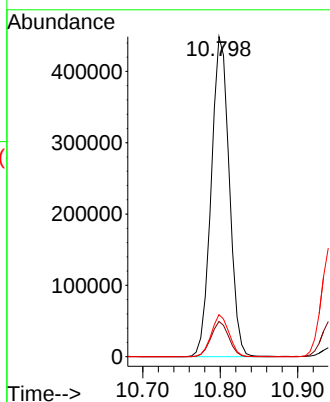
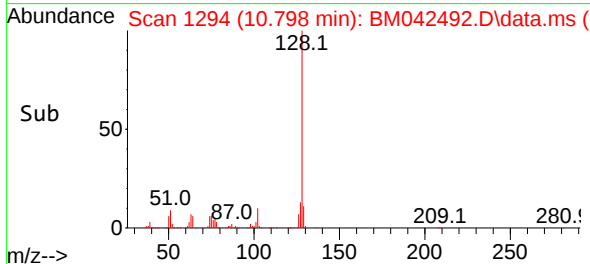
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 72517
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8

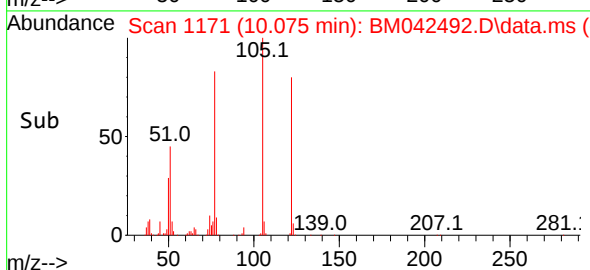
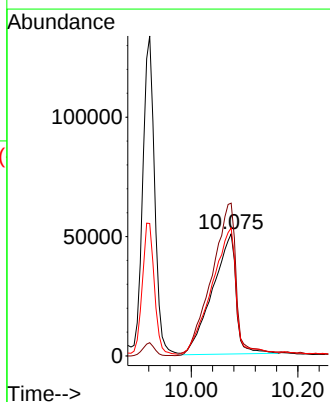
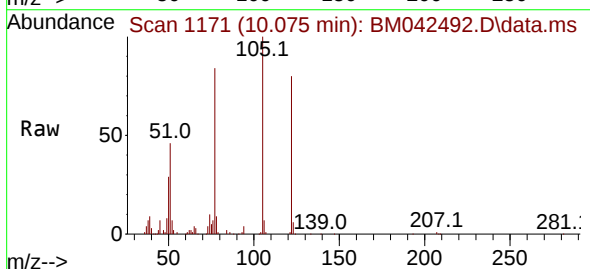
Manual Integrations
APPROVED

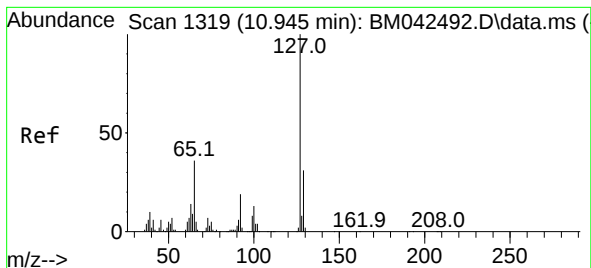
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#32
Benzoic acid
Concen: 39.744 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

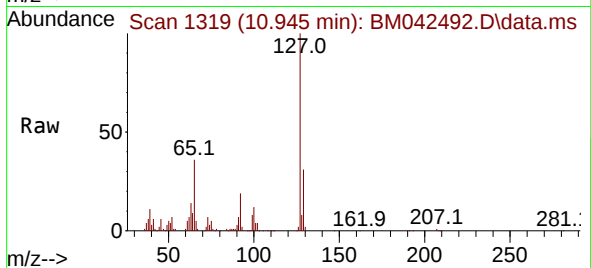
Tgt Ion:122 Resp: 155295
Ion Ratio Lower Upper
122 100
105 125.2 105.2 145.2
77 104.8 84.8 124.8





#33
4-Chloroaniline
Concen: 44.243 ng
RT: 10.945 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

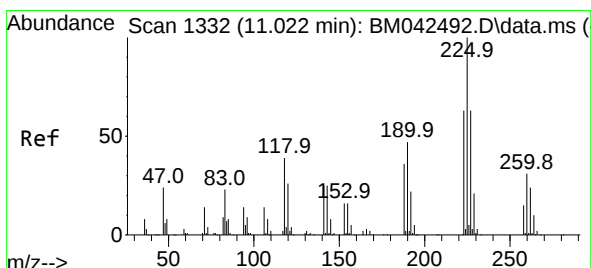
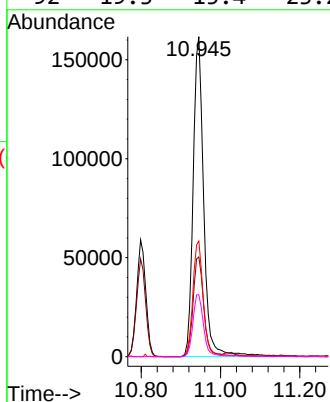
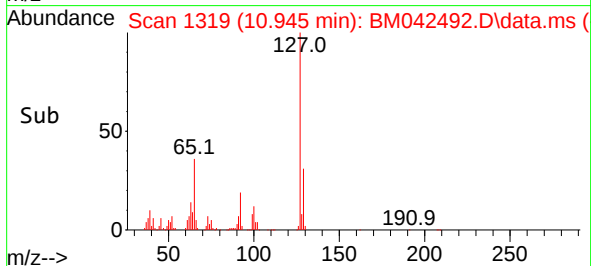
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



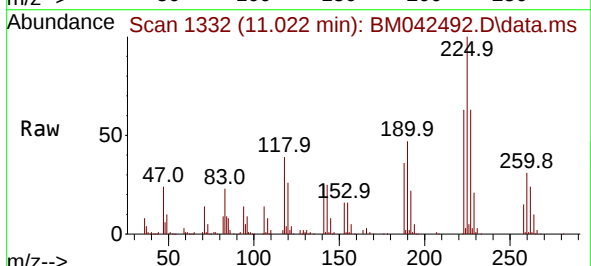
Tgt Ion:127 Resp: 300632
Ion Ratio Lower Upper
127 100
129 31.2 25.0 37.4
65 36.2 29.0 43.4
92 19.3 15.4 23.2

Manual Integrations
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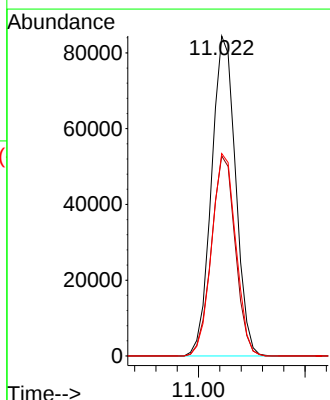
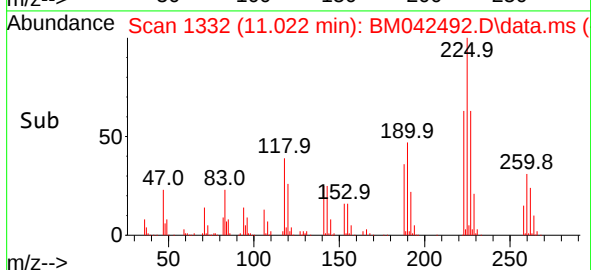
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

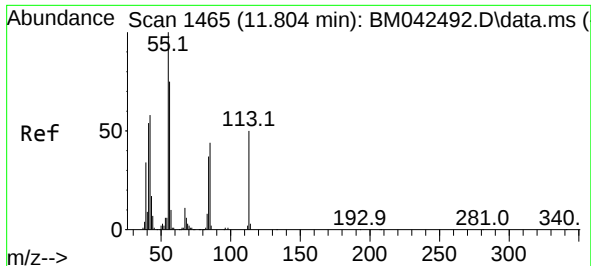


#34
Hexachlorobutadiene
Concen: 40.962 ng
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



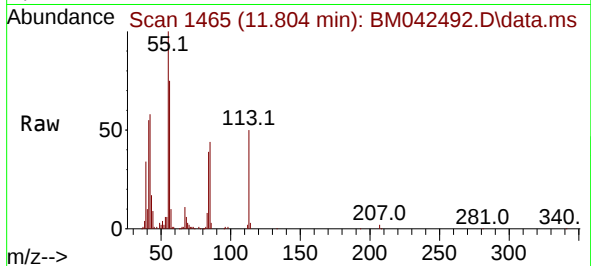
Tgt Ion:225 Resp: 132129
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 63.2 50.6 75.8





#35
Caprolactam
Concen: 42.588 ng
RT: 11.804 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

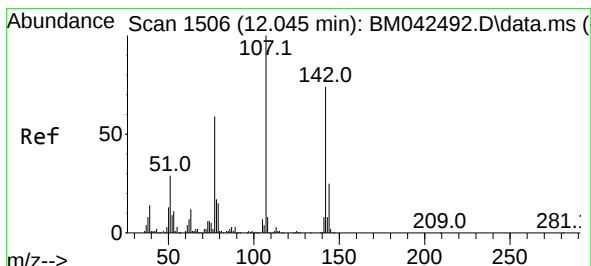
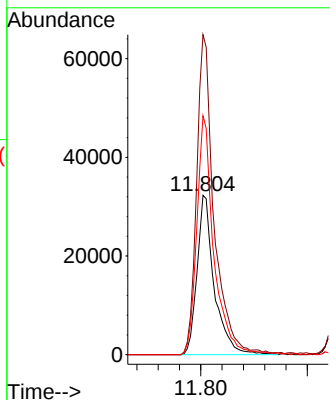
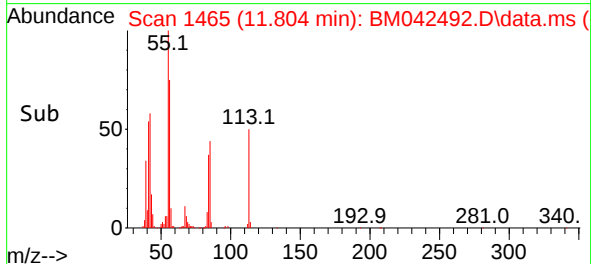
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



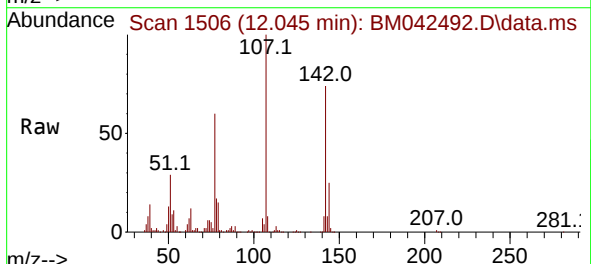
Tgt Ion:113 Resp: 72539
Ion Ratio Lower Upper
113 100
55 200.9 180.9 220.9
56 150.0 130.0 170.0

Manual Integrations
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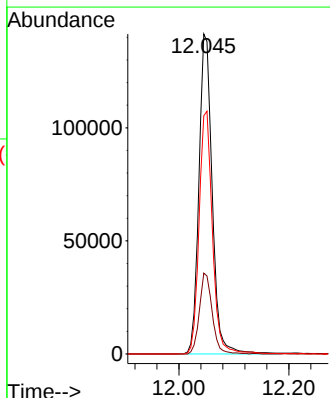
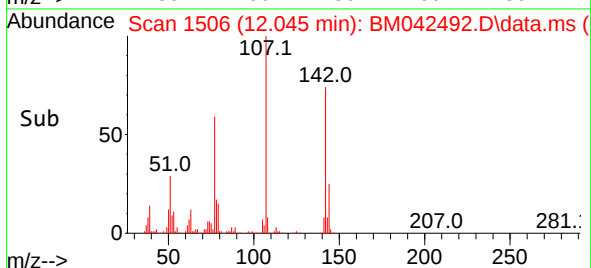
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

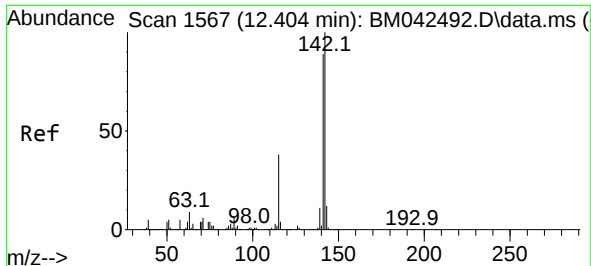


#36
4-Chloro-3-methylphenol
Concen: 43.146 ng
RT: 12.045 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



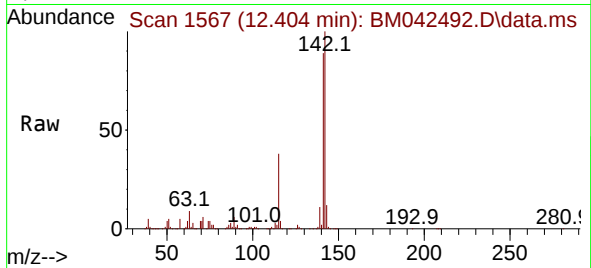
Tgt Ion:107 Resp: 238042
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 74.4 59.5 89.3





#37
2-Methylnaphthalene
Concen: 42.081 ng
RT: 12.404 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

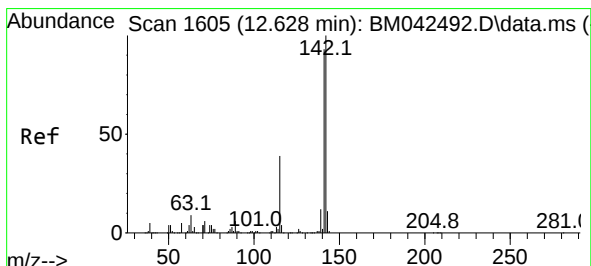
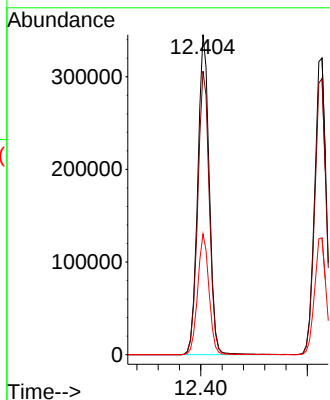
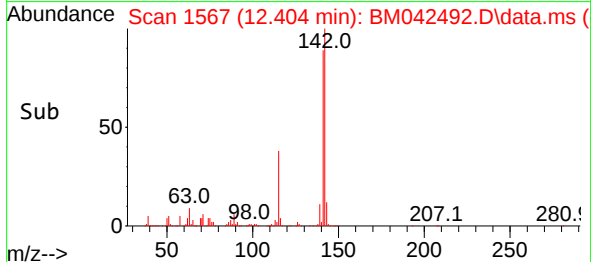
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



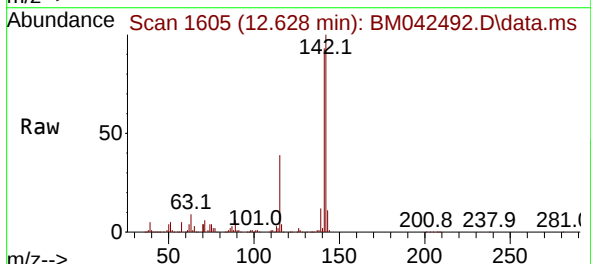
Tgt Ion:142 Resp: 516468
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 37.7 30.2 45.2

Manual Integrations
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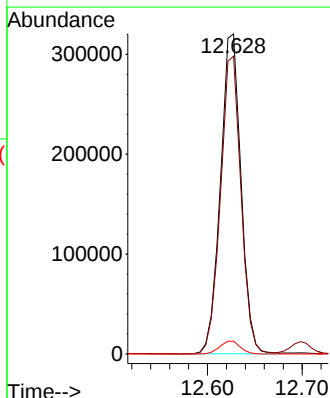
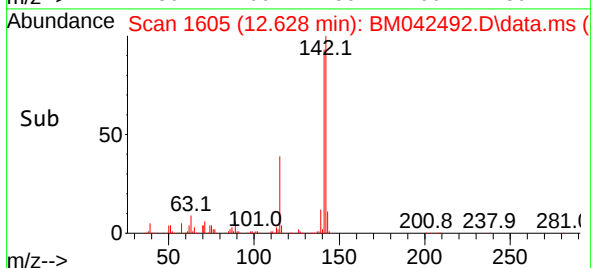
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

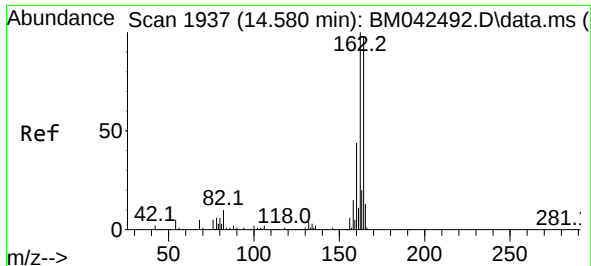


#38
1-Methylnaphthalene
Concen: 41.849 ng
RT: 12.628 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



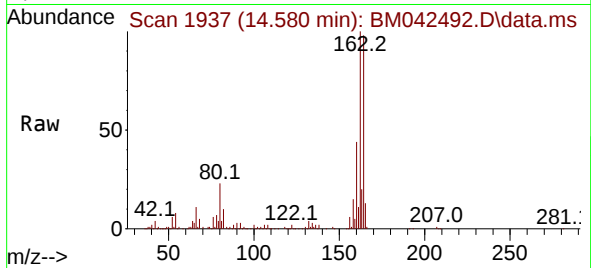
Tgt Ion:142 Resp: 483449
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

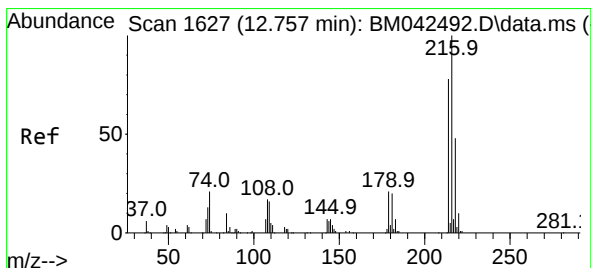
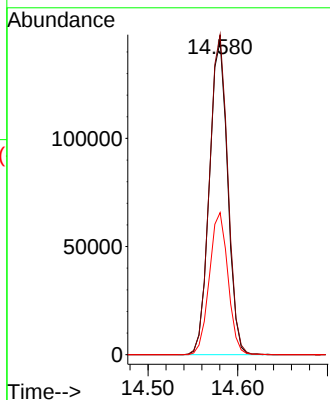
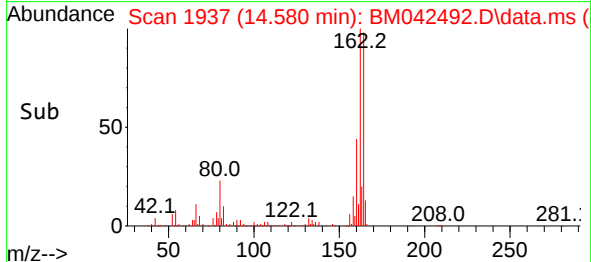
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



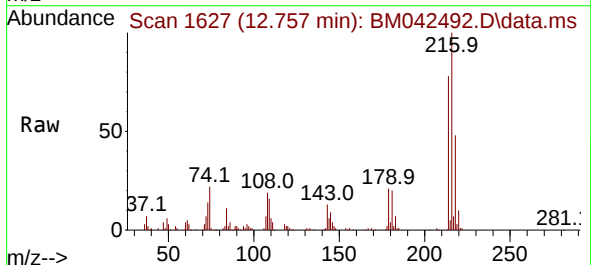
Tgt Ion:164 Resp: 205500
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.3 36.2 54.4

Manual Integrations
APPROVED

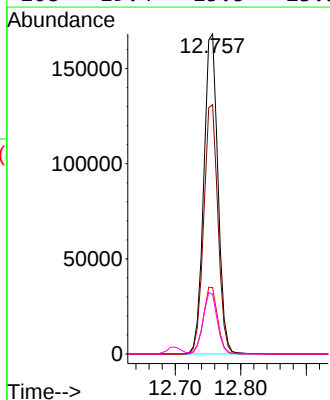
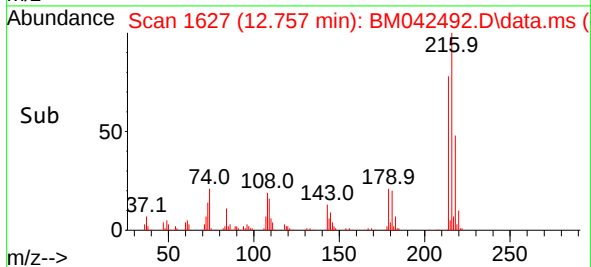
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

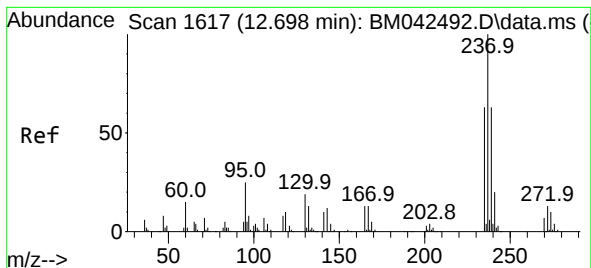


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.206 ng
RT: 12.757 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



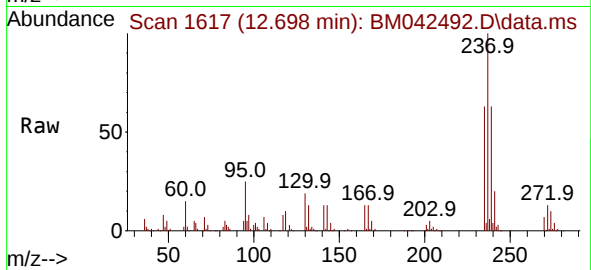
Tgt Ion:216 Resp: 252979
Ion Ratio Lower Upper
216 100
214 78.1 62.5 93.7
179 20.9 16.7 25.1
108 19.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 38.223 ng
RT: 12.698 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

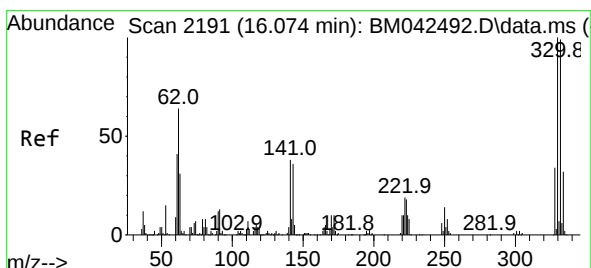
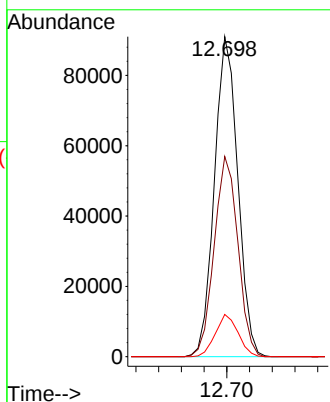
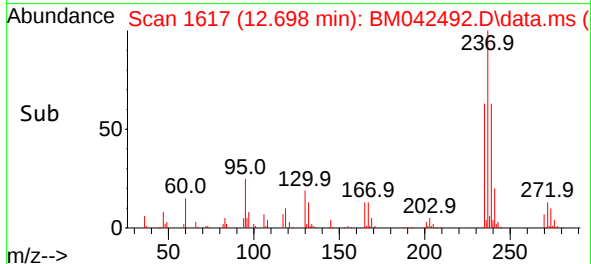
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



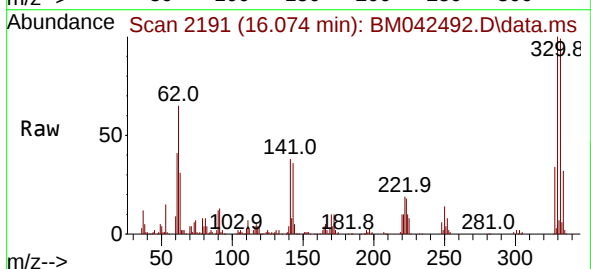
Tgt Ion:237 Resp: 130049
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 13.2 0.0 33.2

Manual Integrations
APPROVED

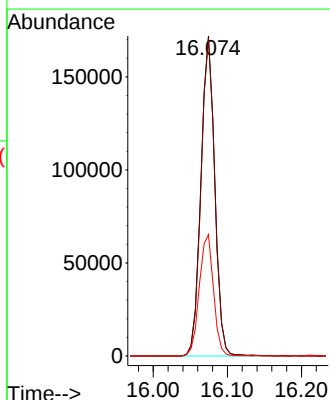
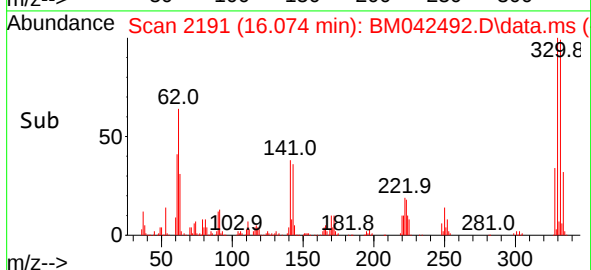
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

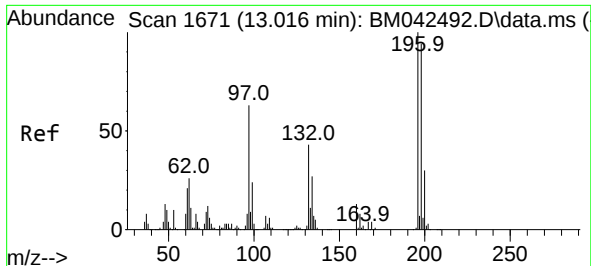


#42
2,4,6-Tribromophenol
Concen: 83.251 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



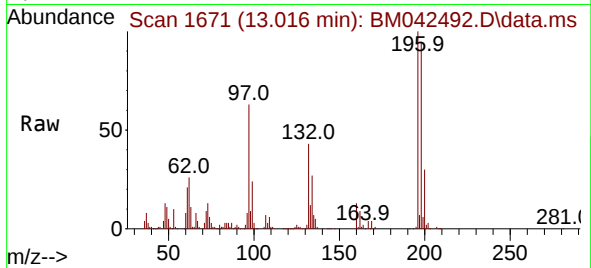
Tgt Ion:330 Resp: 223368
Ion Ratio Lower Upper
330 100
332 98.5 78.8 118.2
141 38.9 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 42.668 ng
RT: 13.016 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

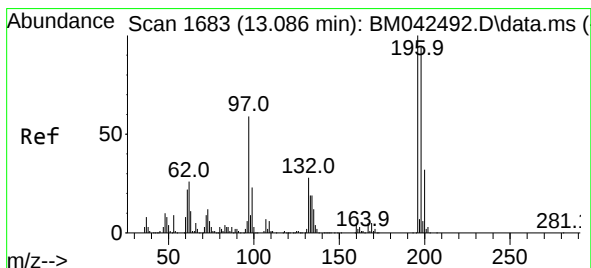
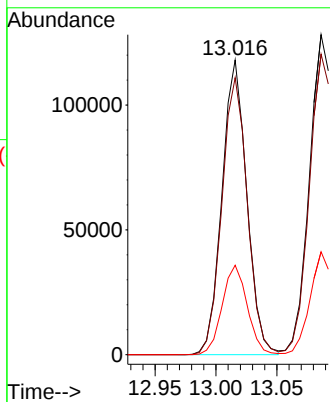
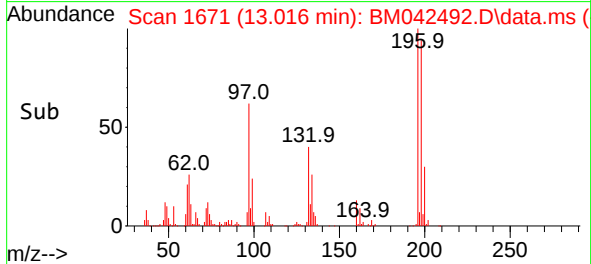
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



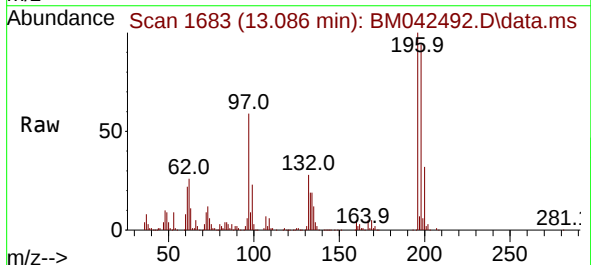
Tgt Ion:196 Resp: 16778
Ion Ratio Lower Upper
196 100
198 94.0 75.2 112.8
200 30.4 24.3 36.5

Manual Integrations
APPROVED

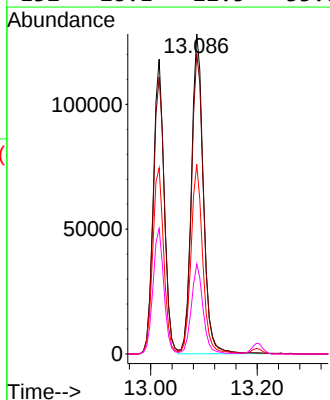
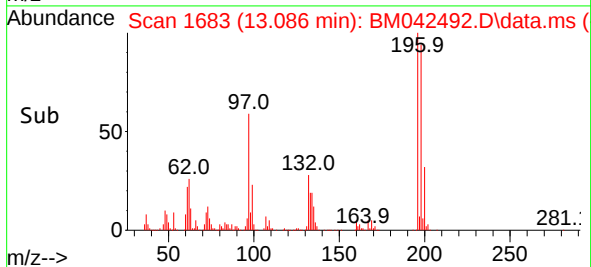
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

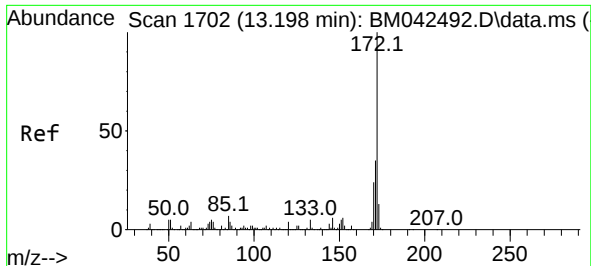


#44
2,4,5-Trichlorophenol
Concen: 42.625 ng
RT: 13.086 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



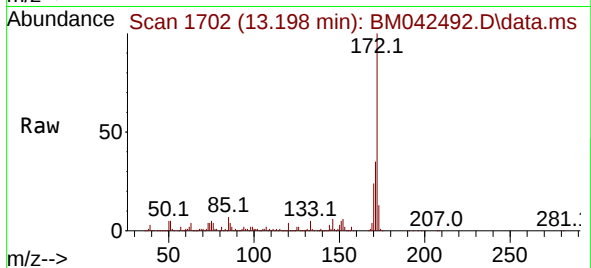
Tgt Ion:196 Resp: 199456
Ion Ratio Lower Upper
196 100
198 93.9 75.1 112.7
97 59.2 47.4 71.0
132 28.1 22.5 33.7





#45
2-Fluorobiphenyl
Concen: 82.751 ng
RT: 13.198 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

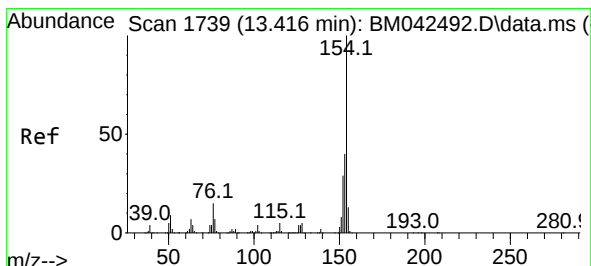
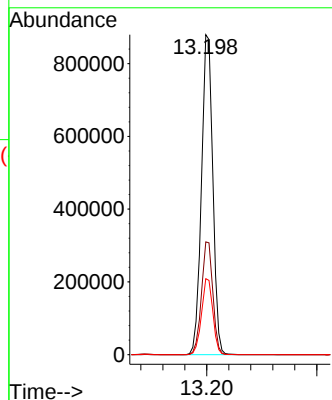
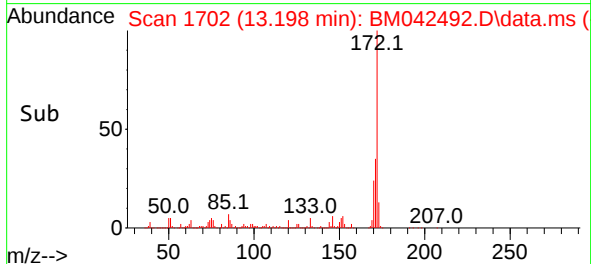
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



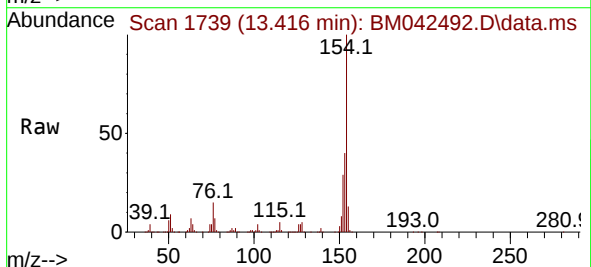
Tgt Ion:172 Resp: 1263811
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.0 28.4

Manual Integrations
APPROVED

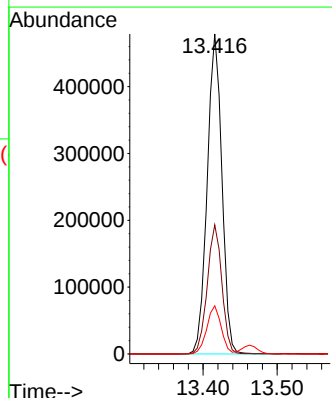
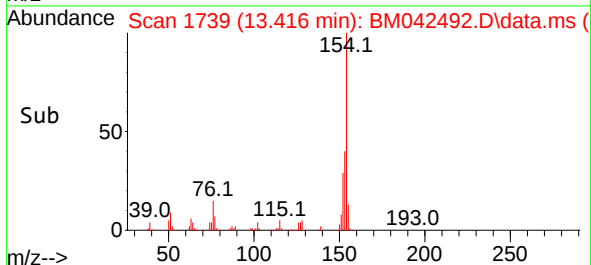
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

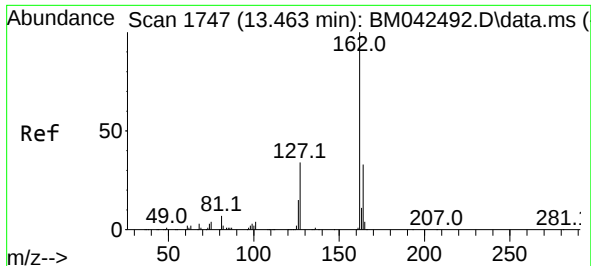


#46
1,1'-Biphenyl
Concen: 41.925 ng
RT: 13.416 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



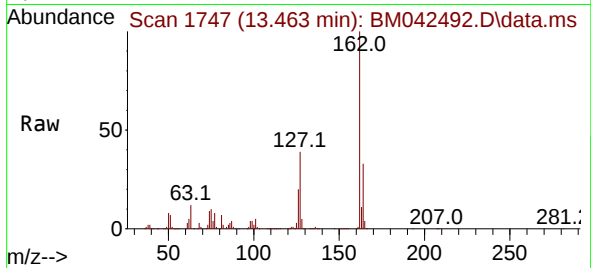
Tgt Ion:154 Resp: 658611
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 15.0 0.0 35.0





#47
2-Chloronaphthalene
Concen: 41.966 ng
RT: 13.463 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

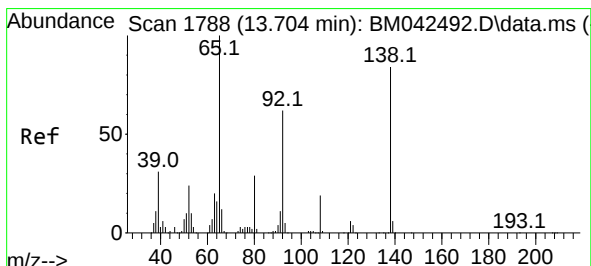
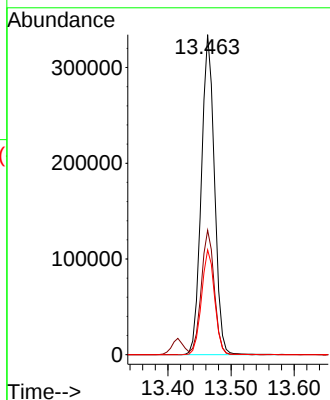
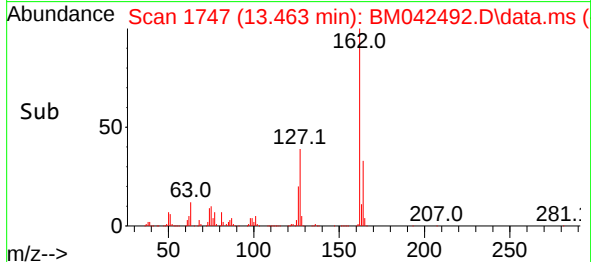
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



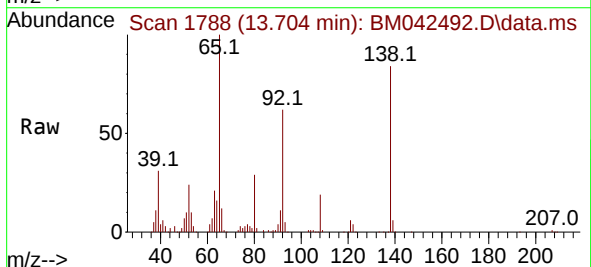
Tgt Ion:162 Resp: 48363
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 32.8 26.2 39.4

Manual Integrations
APPROVED

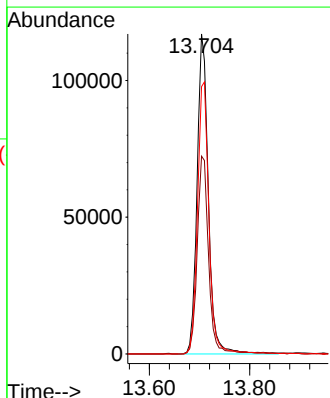
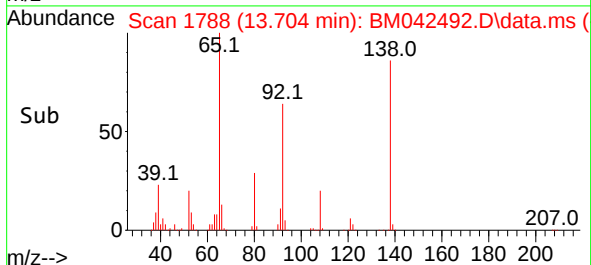
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

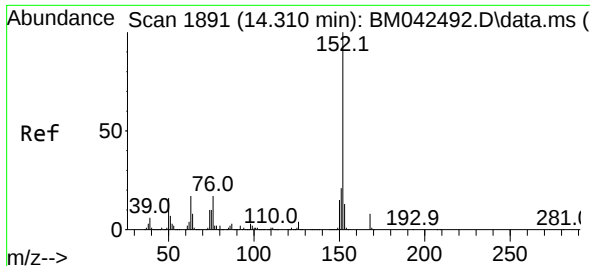


#48
2-Nitroaniline
Concen: 40.063 ng
RT: 13.704 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



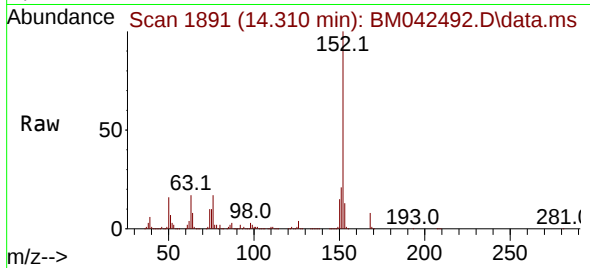
Tgt Ion: 65 Resp: 182545
Ion Ratio Lower Upper
65 100
92 61.8 49.4 74.2
138 83.6 66.9 100.3





#49
Acenaphthylene
Concen: 42.582 ng
RT: 14.310 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

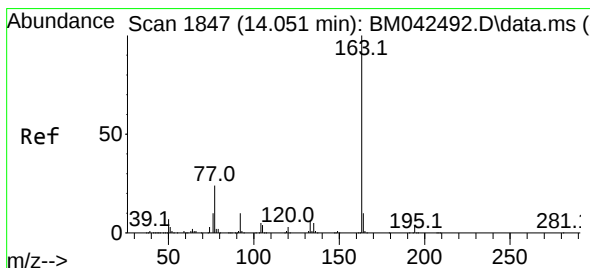
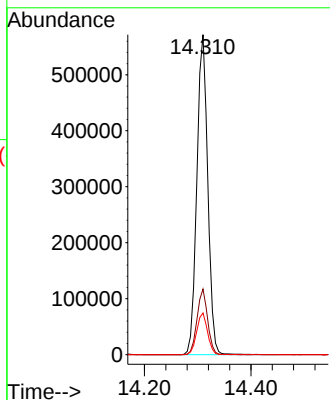
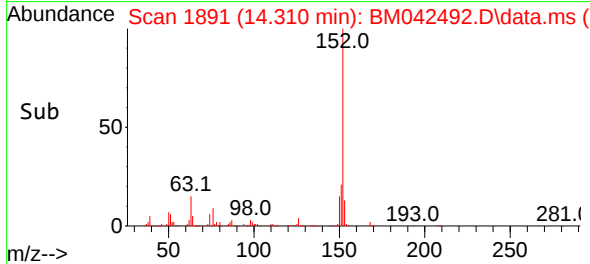
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



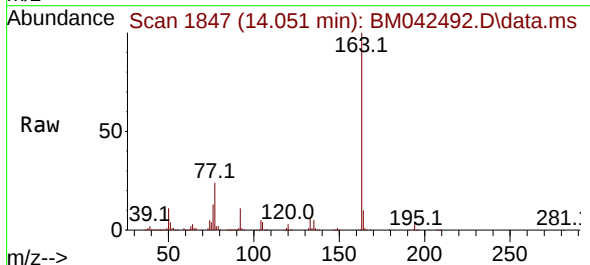
Tgt Ion:152 Resp: 812734
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.0 10.4 15.6

Manual Integrations
APPROVED

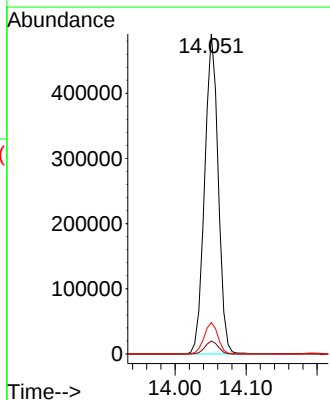
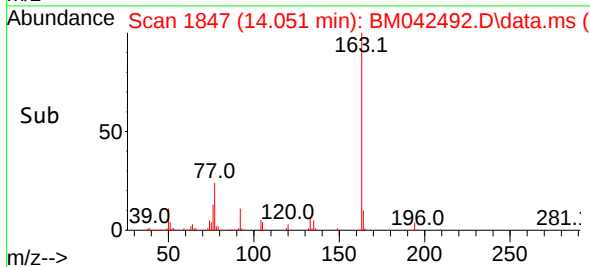
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

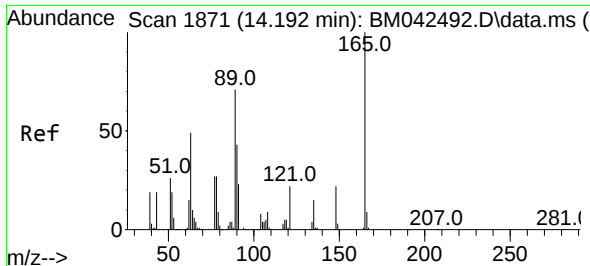


#50
Dimethylphthalate
Concen: 42.519 ng
RT: 14.051 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



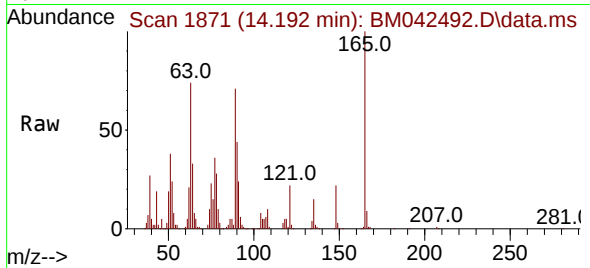
Tgt Ion:163 Resp: 653073
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 43.385 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

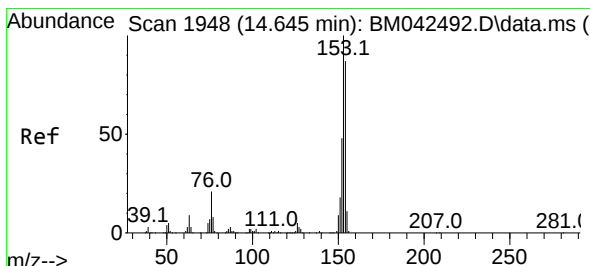
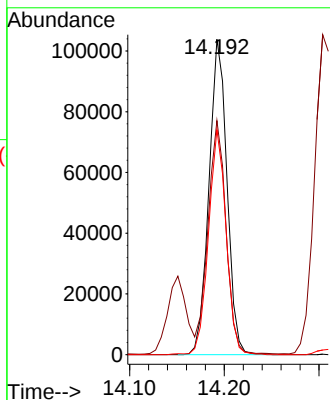
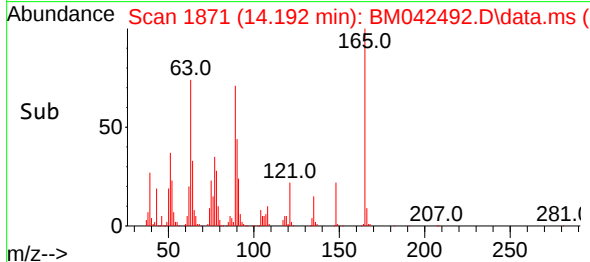
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 13733
Ion Ratio Lower Upper
165 100
63 74.2 59.4 89.0
89 71.3 57.0 85.6

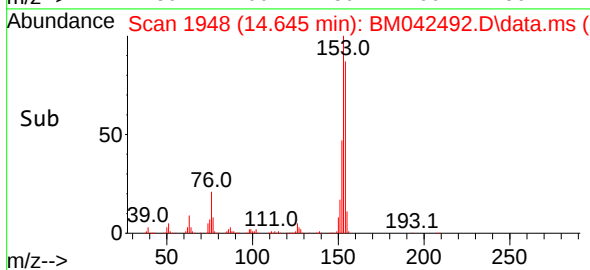
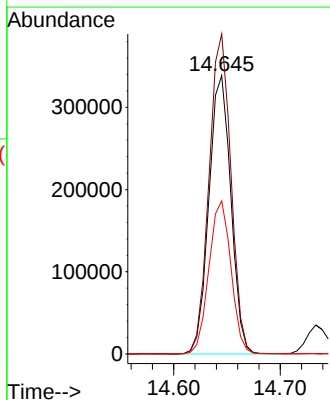
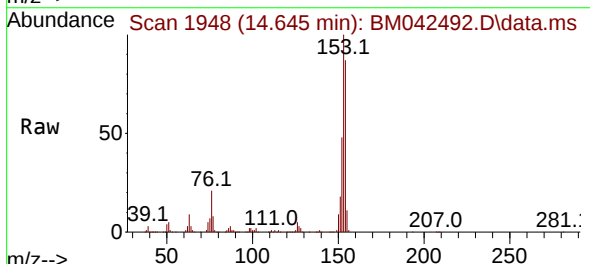
Manual Integrations
APPROVED

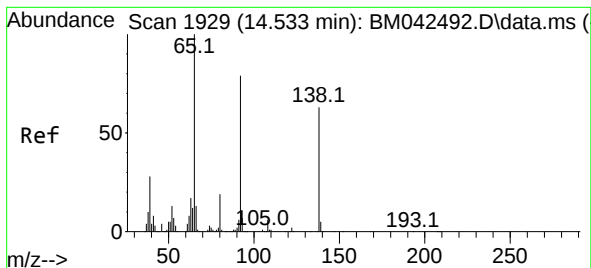
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#52
Acenaphthene
Concen: 41.996 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

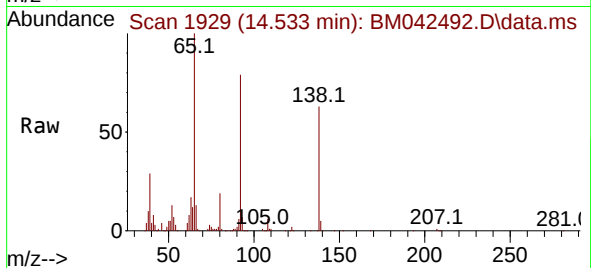
Tgt Ion:154 Resp: 486460
Ion Ratio Lower Upper
154 100
153 115.0 92.0 138.0
152 55.0 44.0 66.0





#53
3-Nitroaniline
Concen: 39.670 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

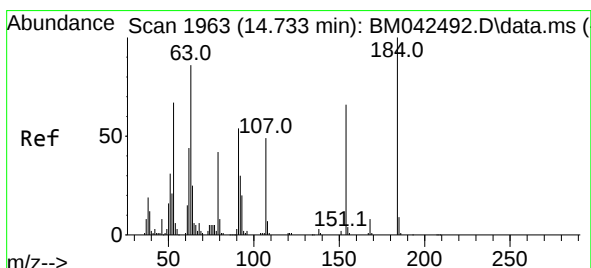
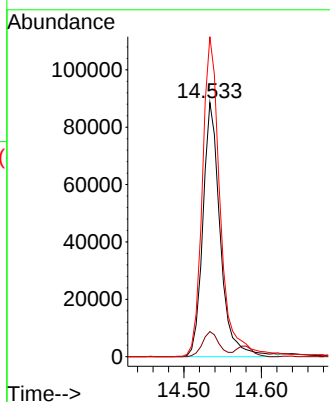
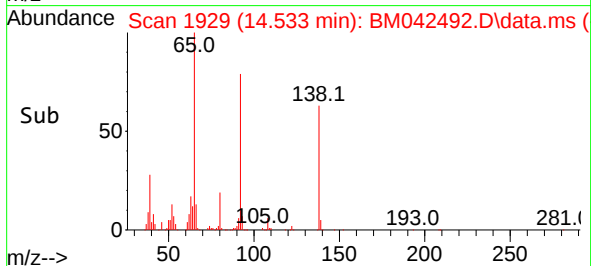
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



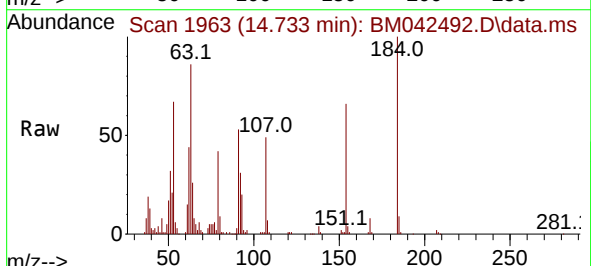
Tgt Ion:138 Resp: 13787
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 125.9 100.7 151.1

Manual Integrations
APPROVED

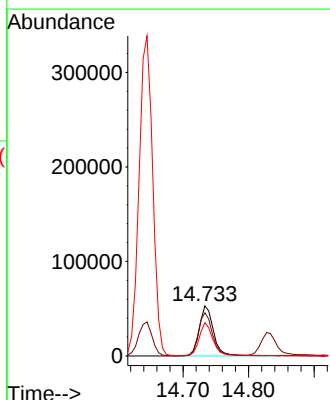
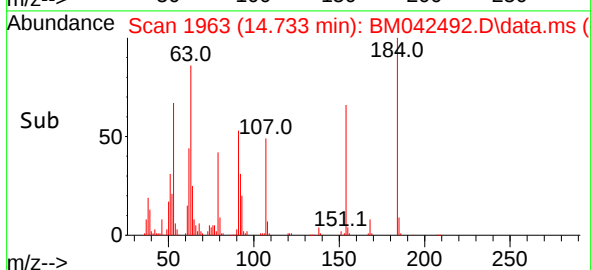
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

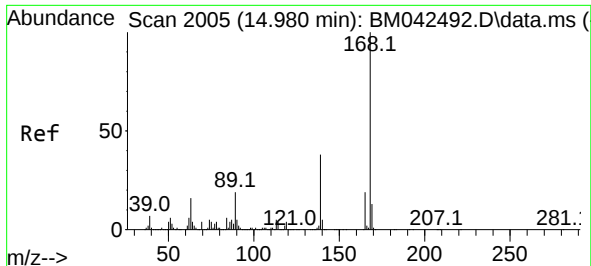


#54
2,4-Dinitrophenol
Concen: 39.896 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



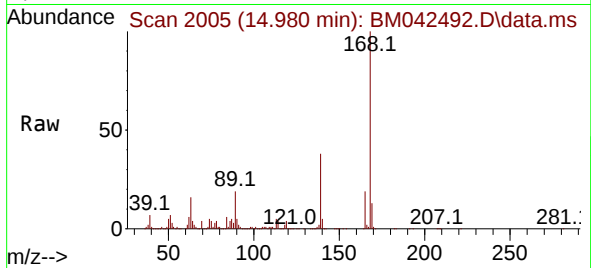
Tgt Ion:184 Resp: 79958
Ion Ratio Lower Upper
184 100
63 86.5 69.2 103.8
154 66.5 53.2 79.8





#55
Dibenzenofuran
Concen: 42.089 ng
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

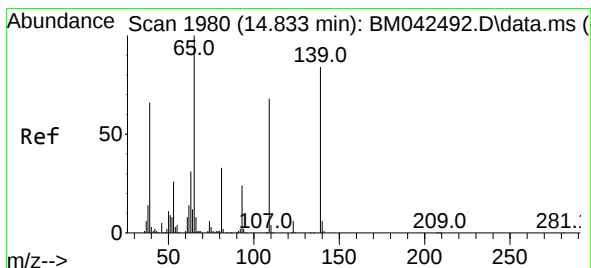
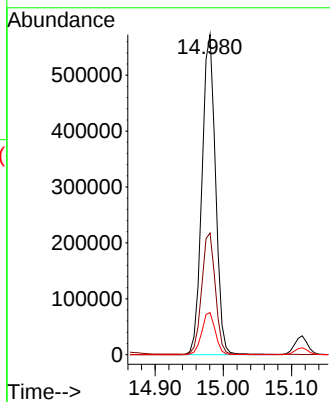
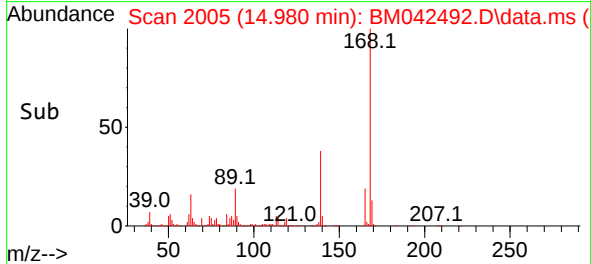
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 792679
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.2 10.6 15.8

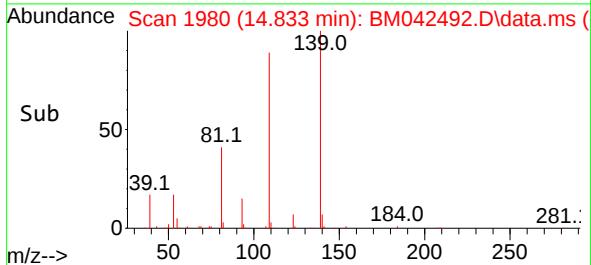
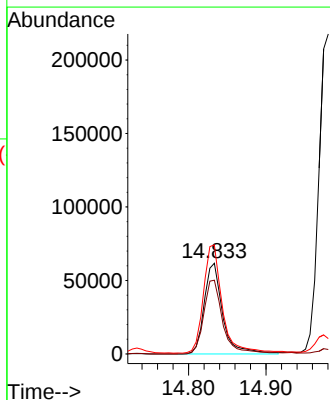
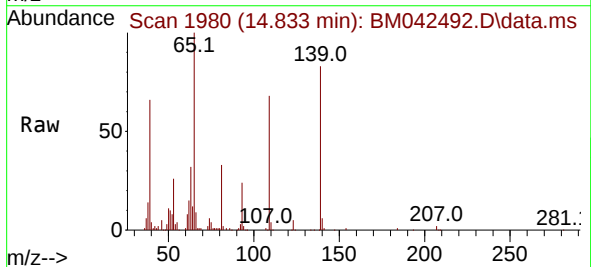
Manual Integrations
APPROVED

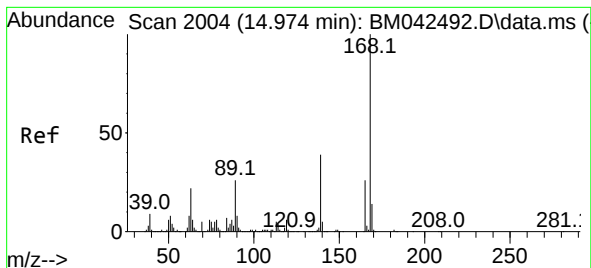
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#56
4-Nitrophenol
Concen: 39.619 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

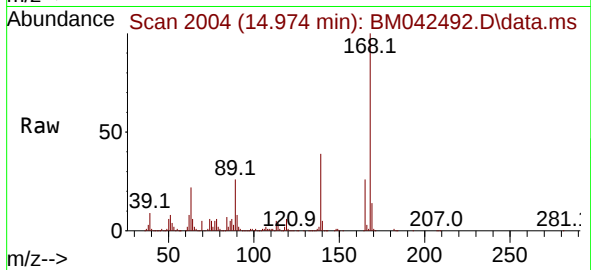
Tgt Ion:139 Resp: 102909
Ion Ratio Lower Upper
139 100
109 81.3 61.3 101.3
65 120.2 100.2 140.2





#57
2,4-Dinitrotoluene
Concen: 39.786 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

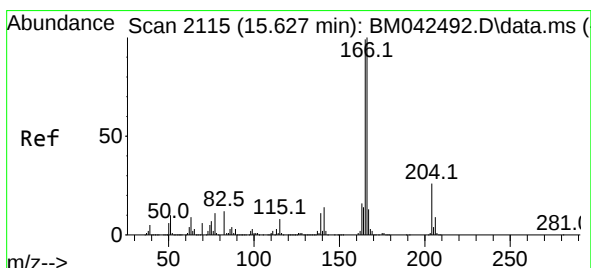
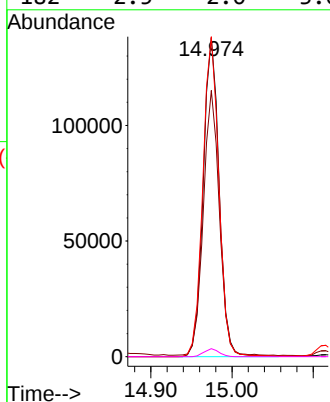
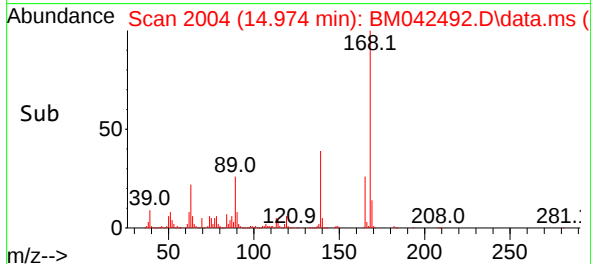
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



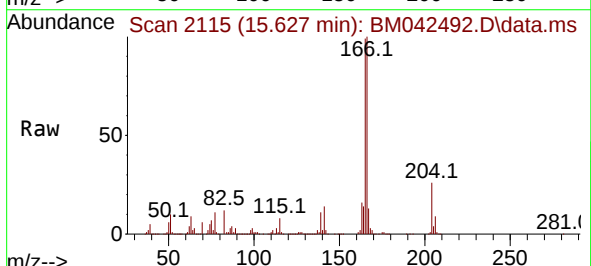
Tgt Ion:165 Resp: 18730
Ion Ratio Lower Upper
165 100
63 83.4 66.7 100.1
89 100.3 80.2 120.4
182 2.5 2.0 3.0

Manual Integrations
APPROVED

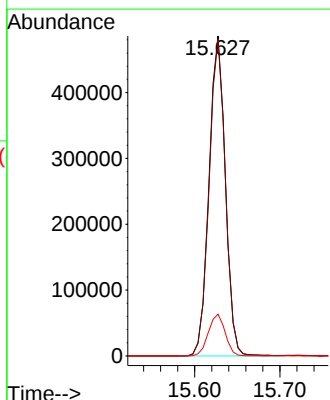
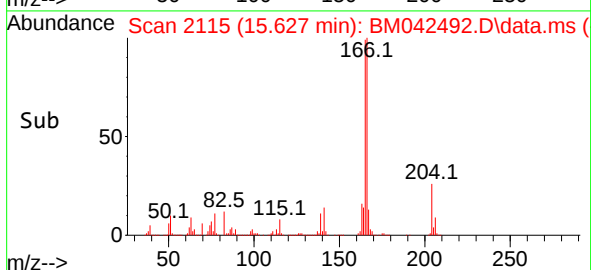
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

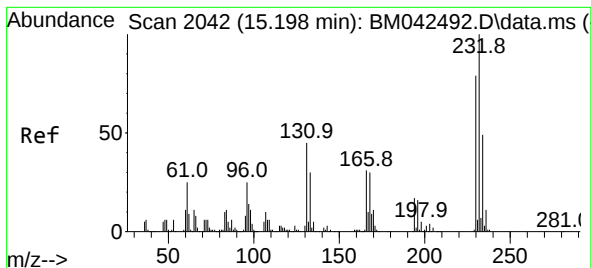


#58
Fluorene
Concen: 42.627 ng
RT: 15.627 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



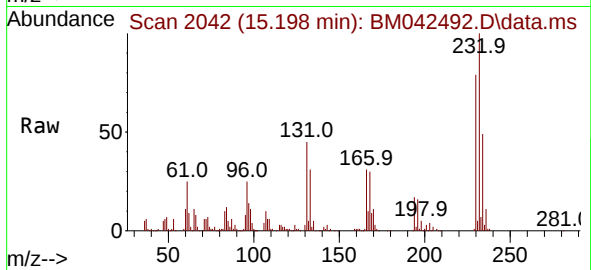
Tgt Ion:166 Resp: 649551
Ion Ratio Lower Upper
166 100
165 99.1 79.3 118.9
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.712 ng
RT: 15.198 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

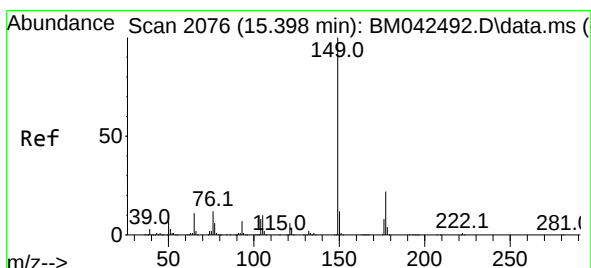
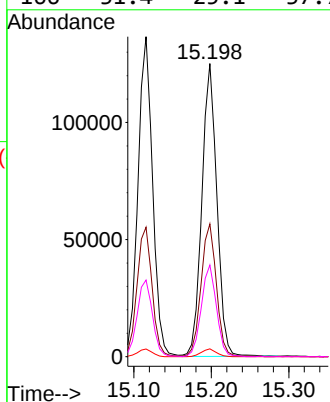
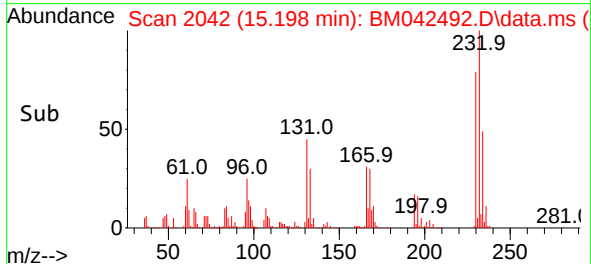
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



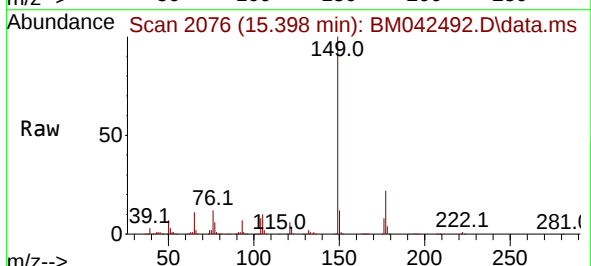
Tgt Ion:232 Resp: 168340
Ion Ratio Lower Upper
232 100
131 46.5 37.2 55.8
130 2.6 2.1 3.1
166 31.4 25.1 37.7

Manual Integrations
APPROVED

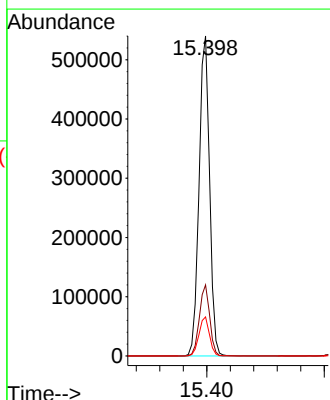
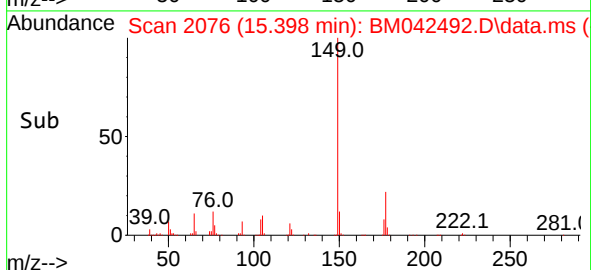
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

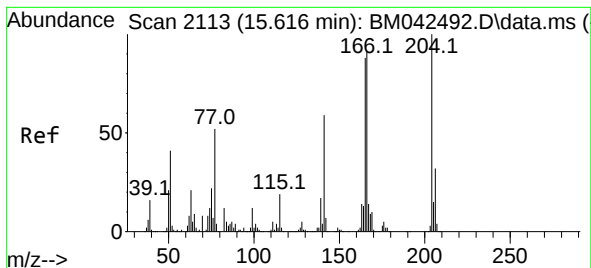


#60
Diethylphthalate
Concen: 43.024 ng
RT: 15.398 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



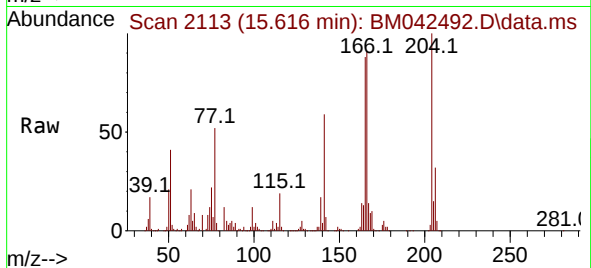
Tgt Ion:149 Resp: 669494
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 42.332 ng
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

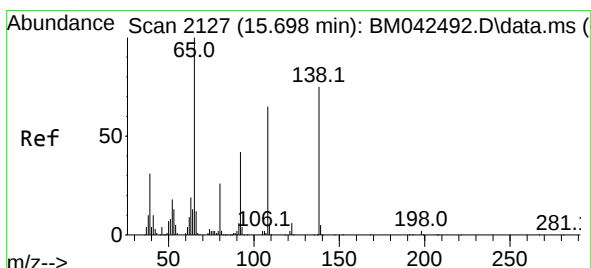
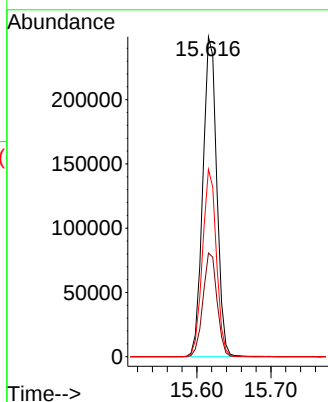
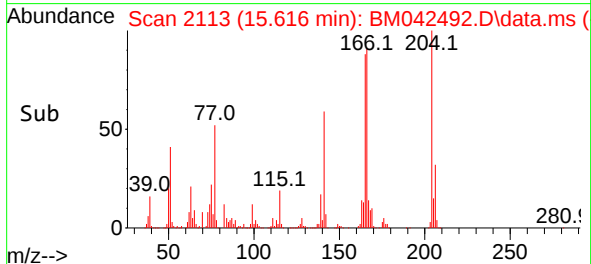
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



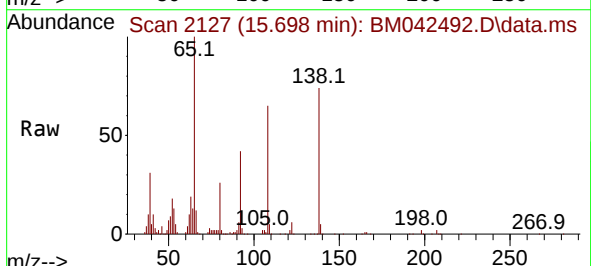
Tgt Ion:204 Resp: 32588
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 58.5 46.8 70.2

Manual Integrations
APPROVED

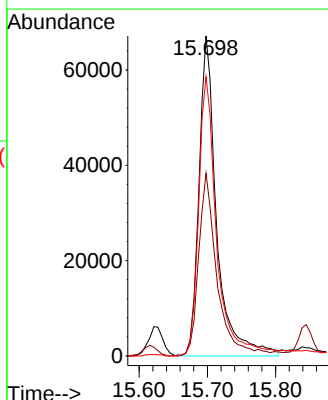
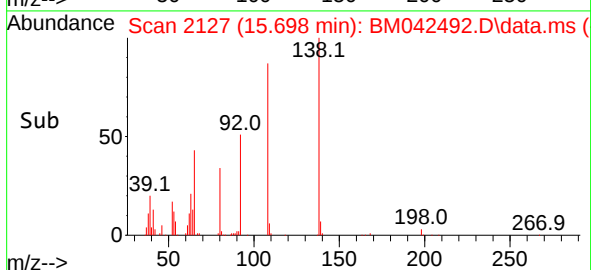
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

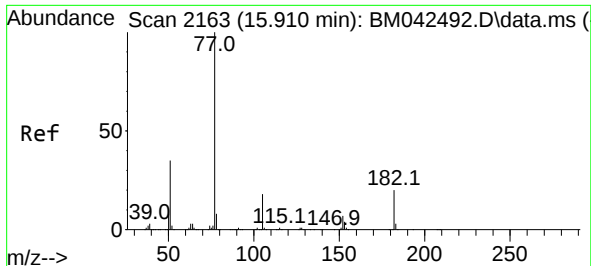


#62
4-Nitroaniline
Concen: 39.456 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



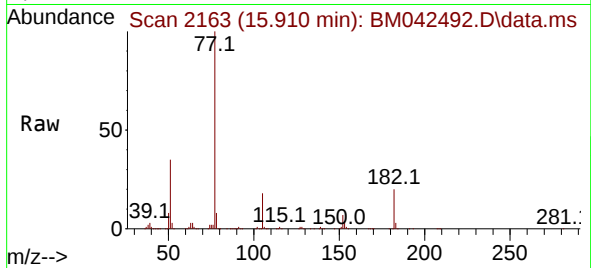
Tgt Ion:138 Resp: 121425
Ion Ratio Lower Upper
138 100
92 57.0 37.0 77.0
108 87.2 67.2 107.2





#63
Azobenzene
Concen: 43.877 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

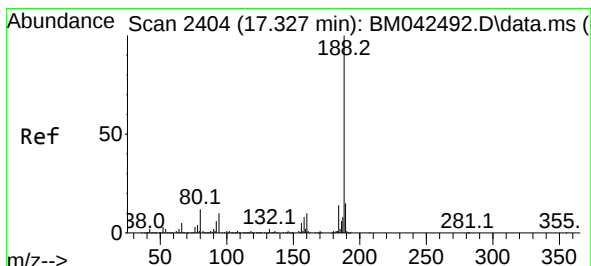
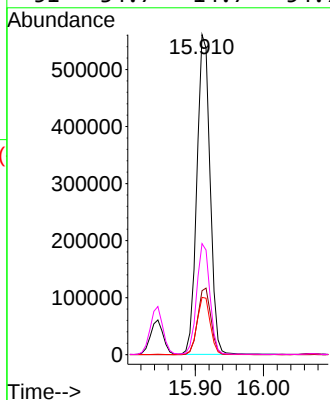
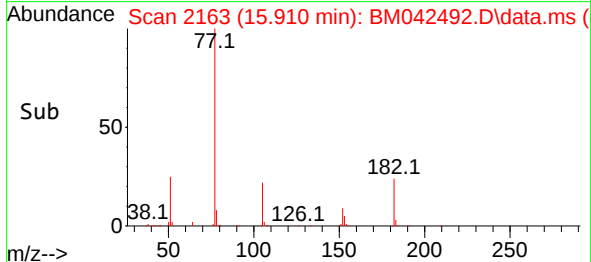
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 752390
Ion Ratio Lower Upper
77 100
182 20.0 0.0 40.0
105 17.9 0.0 37.9
51 34.7 14.7 54.7

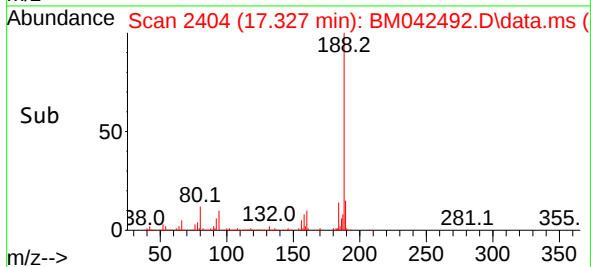
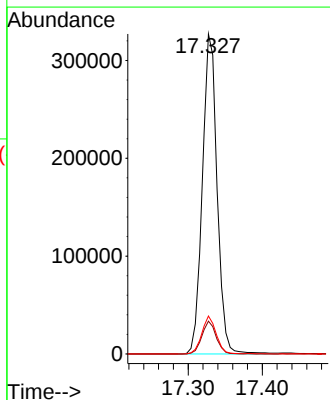
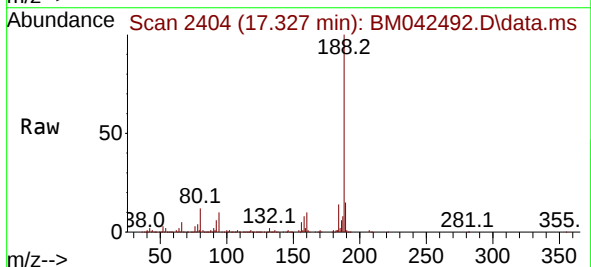
Manual Integrations
APPROVED

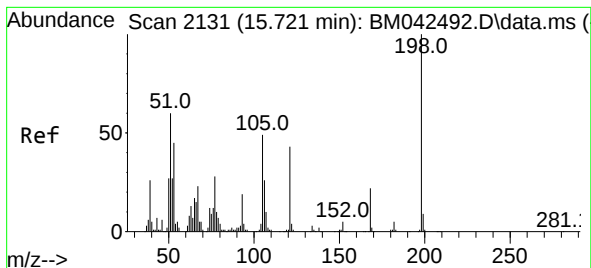
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

Tgt Ion:188 Resp: 452070
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.8 9.4 14.2





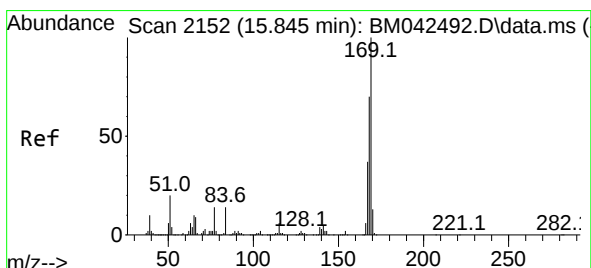
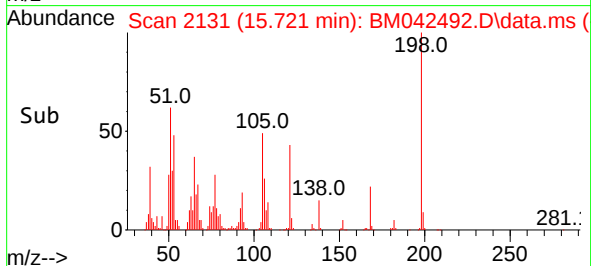
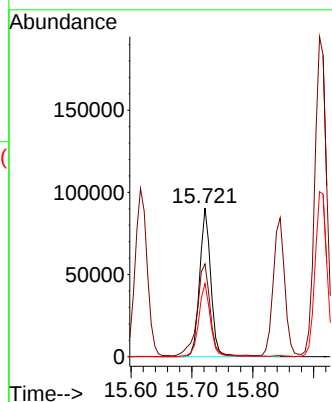
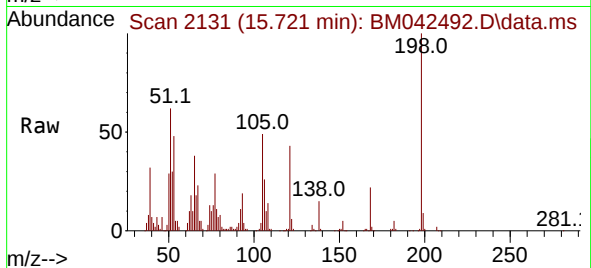
#65
4,6-Dinitro-2-methylphenol
Concen: 40.403 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 114361
Ion Ratio Lower Upper
198 100
51 62.4 42.4 82.4
105 49.2 29.2 69.2

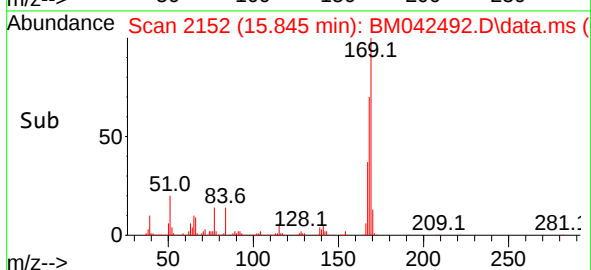
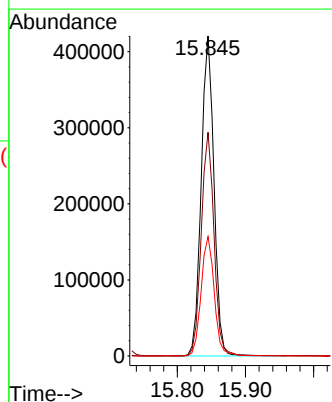
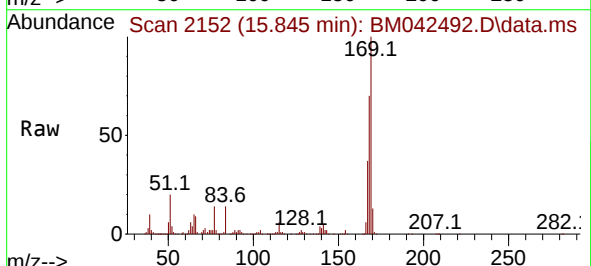
Manual Integrations
APPROVED

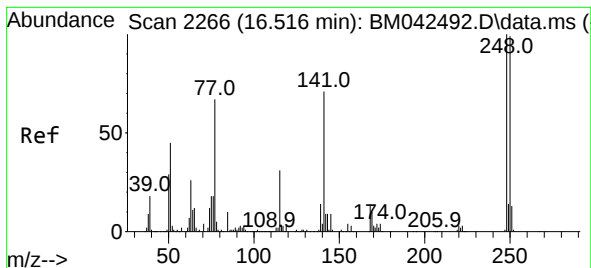
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#66
n-Nitrosodiphenylamine
Concen: 42.961 ng
RT: 15.845 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

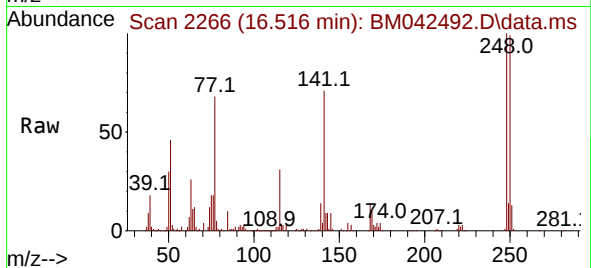
Tgt Ion:169 Resp: 547611
Ion Ratio Lower Upper
169 100
168 69.9 55.9 83.9
167 37.3 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 42.888 ng
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

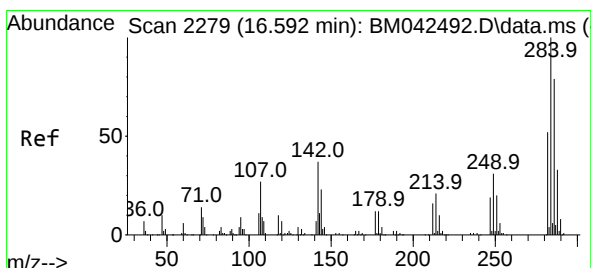
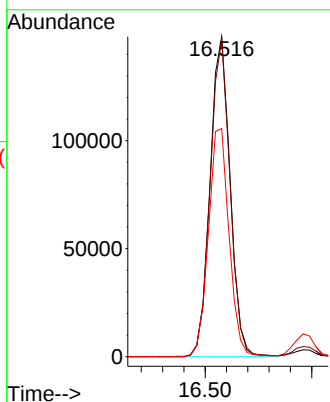
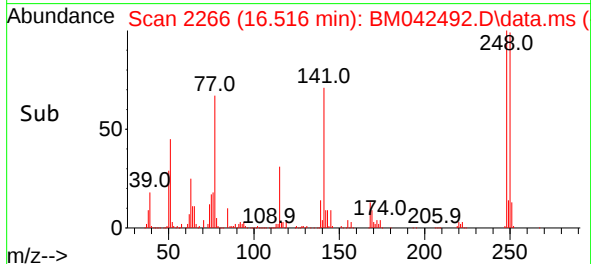
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



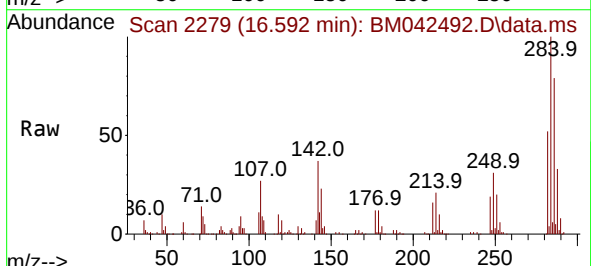
Tgt Ion:248 Resp: 19387
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.0
141 71.3 57.0 85.6

Manual Integrations
APPROVED

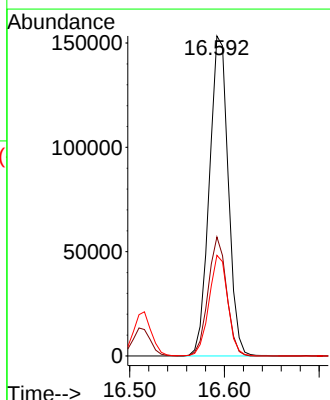
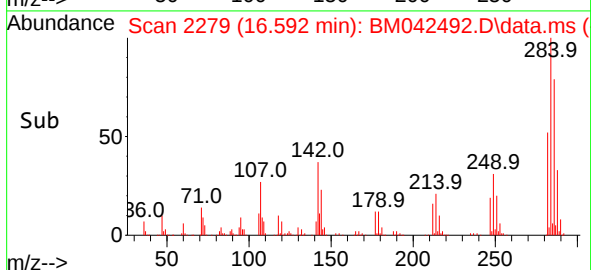
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

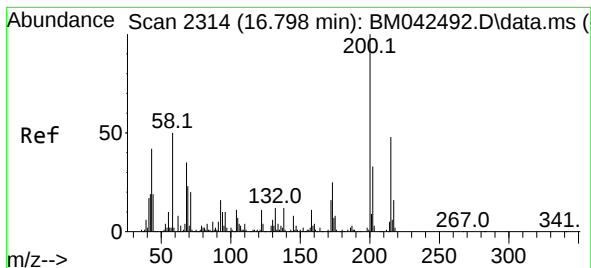


#68
Hexachlorobenzene
Concen: 42.426 ng
RT: 16.592 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



Tgt Ion:284 Resp: 212167
Ion Ratio Lower Upper
284 100
142 37.2 29.8 44.6
249 31.4 25.1 37.7





#69

Atrazine

Concen: 42.557 ng

RT: 16.798 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

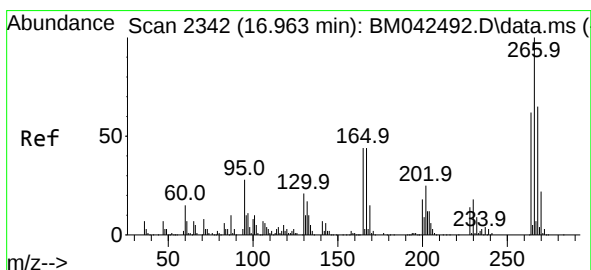
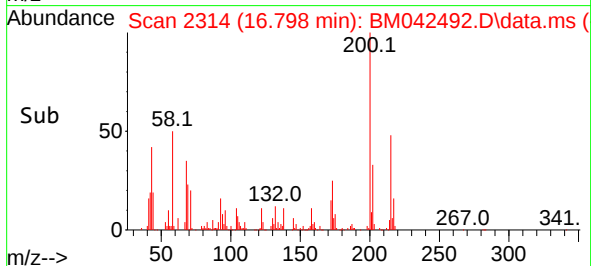
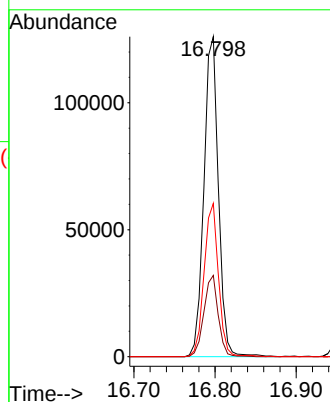
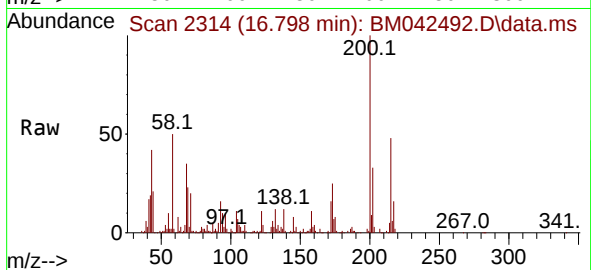
SSTDICCC040

Tgt Ion:200 Resp: 15674
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.4 45.4
 215 47.9 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#70

Pentachlorophenol

Concen: 41.711 ng

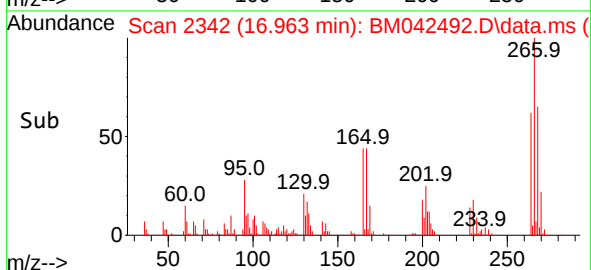
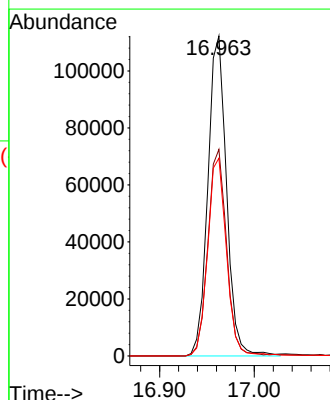
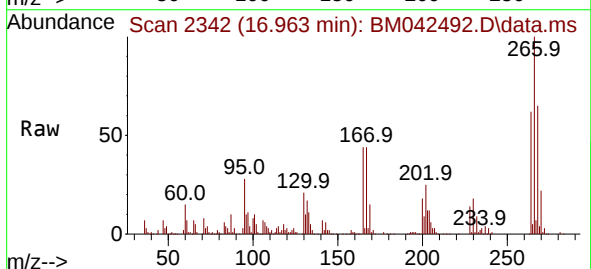
RT: 16.963 min Scan# 2342

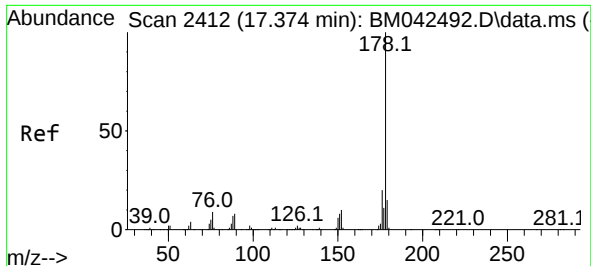
Delta R.T. -0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

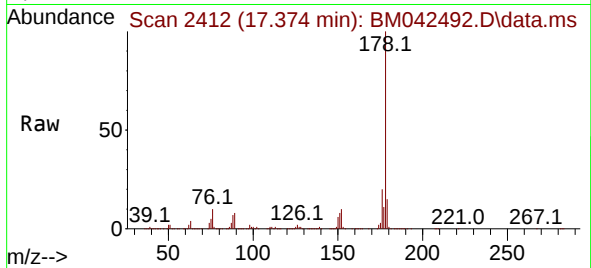
Tgt Ion:266 Resp: 153354
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.7 77.5
 264 61.8 49.4 74.2





#71
Phenanthrene
Concen: 42.724 ng
RT: 17.374 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

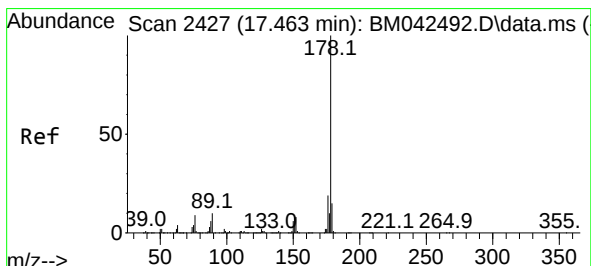
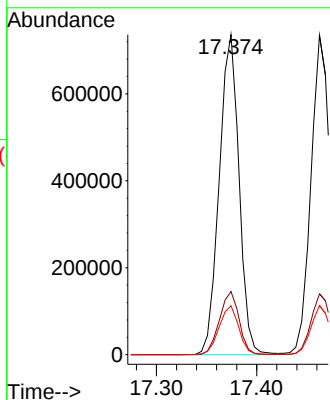
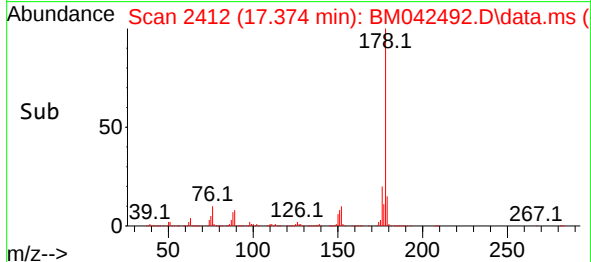
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



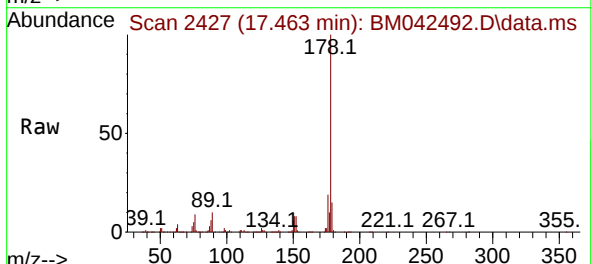
Tgt Ion:178 Resp: 100933
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.3 12.2 18.4

Manual Integrations
APPROVED

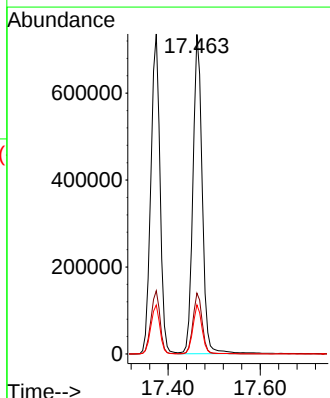
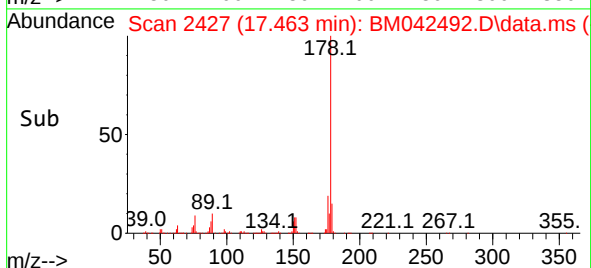
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

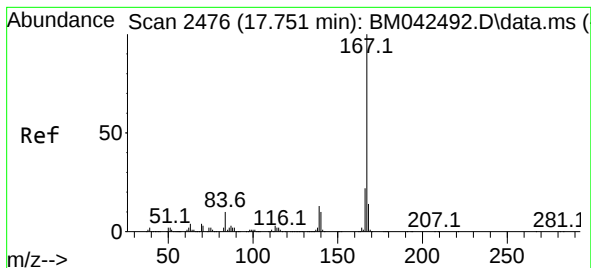


#72
Anthracene
Concen: 43.766 ng
RT: 17.463 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



Tgt Ion:178 Resp: 1024120
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.4 12.3 18.5





#73

Carbazole

Concen: 46.294 ng

RT: 17.751 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BM042492.D

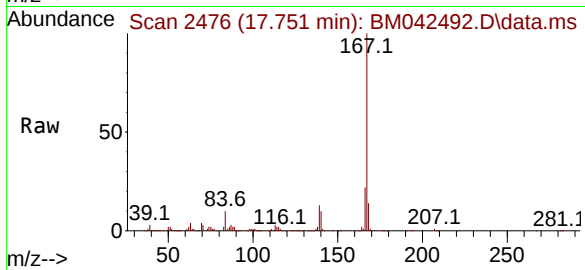
Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:167 Resp: 881263

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

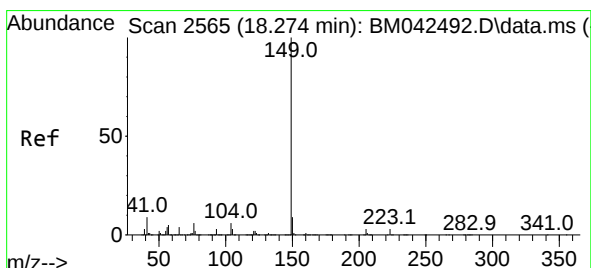
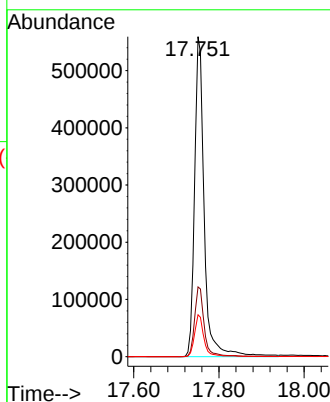
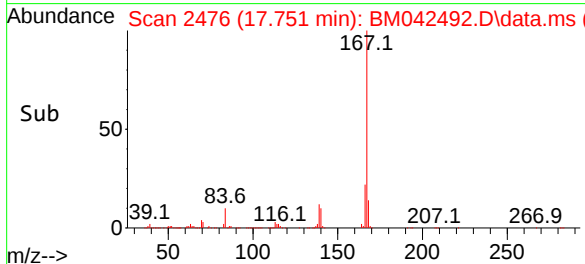
139 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#74

Di-n-butylphthalate

Concen: 44.031 ng

RT: 18.274 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

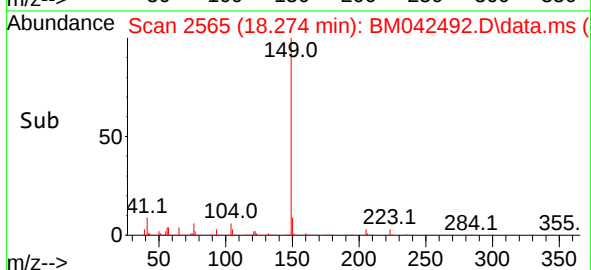
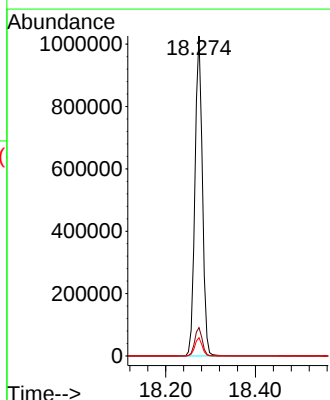
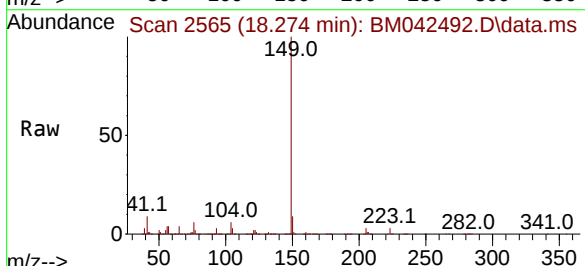
Tgt Ion:149 Resp: 1177074

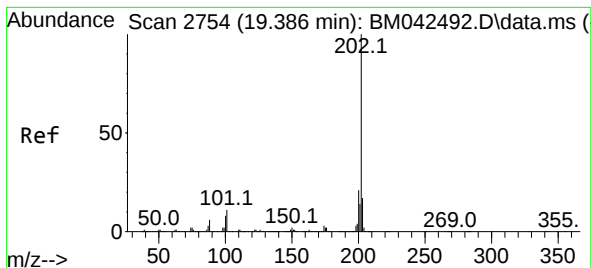
Ion Ratio Lower Upper

149 100

150 8.8 7.0 10.6

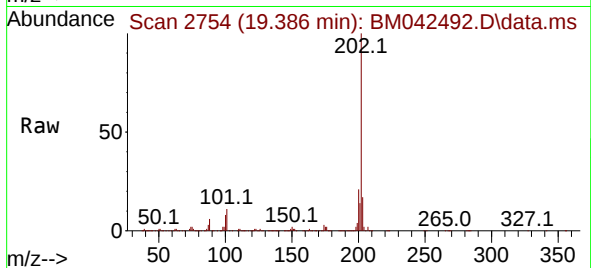
104 5.7 4.6 6.8





#75
Fluoranthene
Concen: 43.286 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

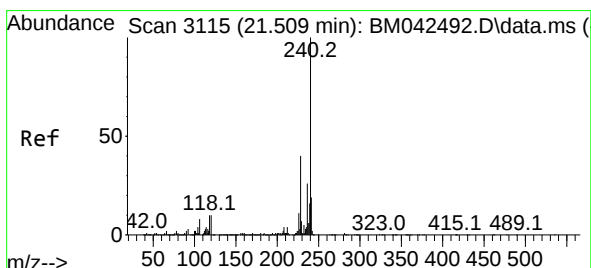
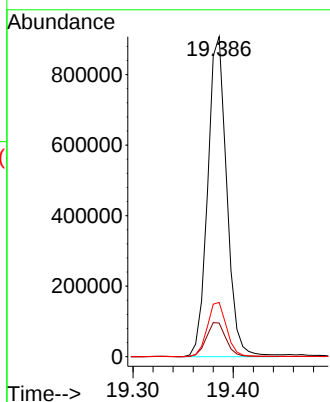
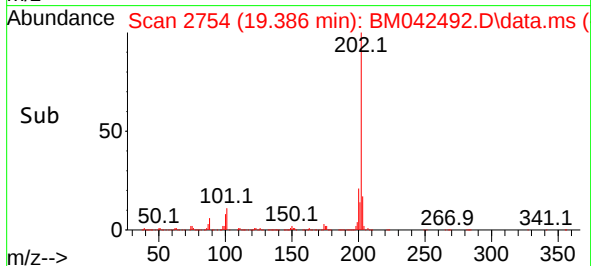
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 120125
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.0 0.0 37.0

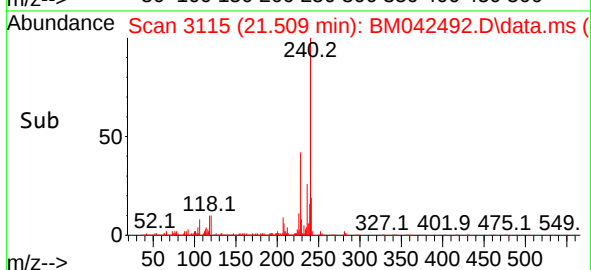
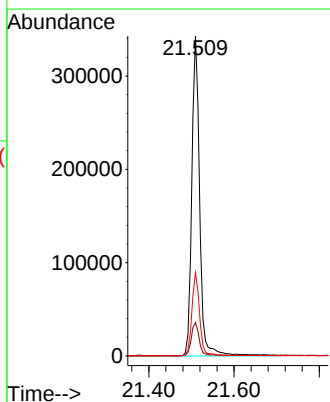
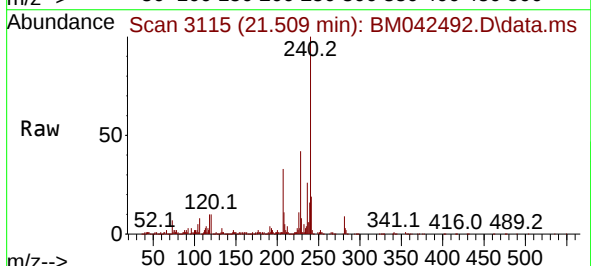
Manual Integrations
APPROVED

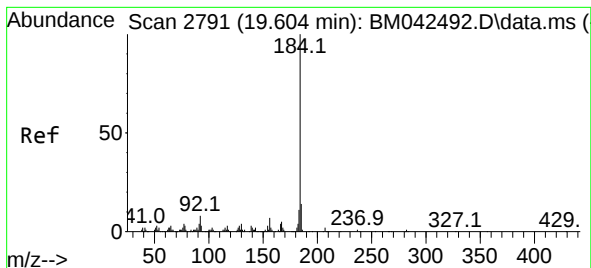
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

Tgt Ion:240 Resp: 441056
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.0 20.8 31.2





#77

Benzidine

Concen: 41.018 ng

RT: 19.604 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

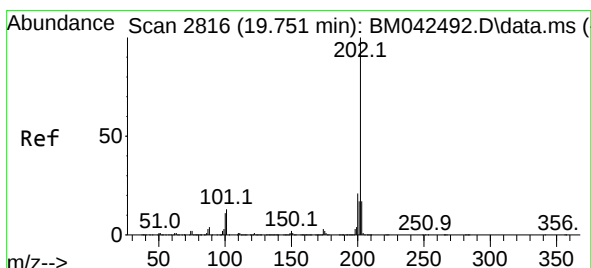
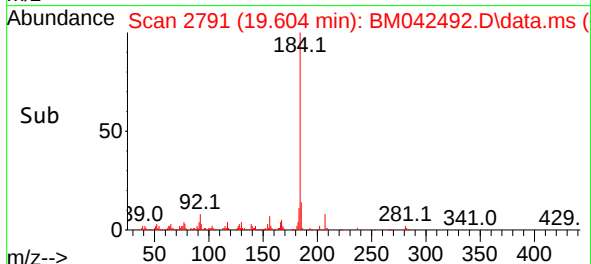
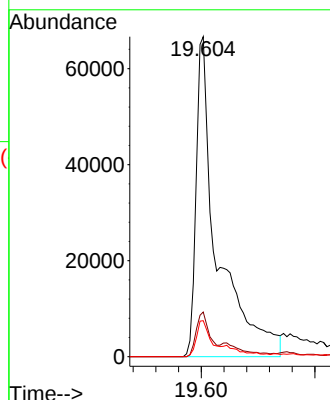
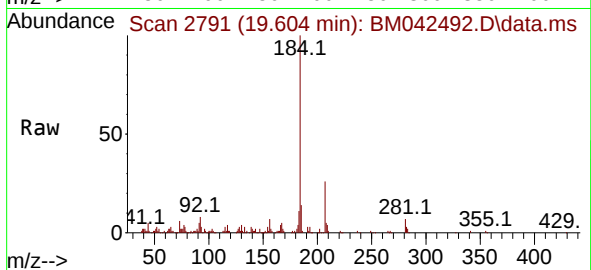
SSTDICCC040

Tgt Ion:184 Resp: 173318
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.2 16.8
 183 11.2 9.0 13.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#78

Pyrene

Concen: 41.837 ng

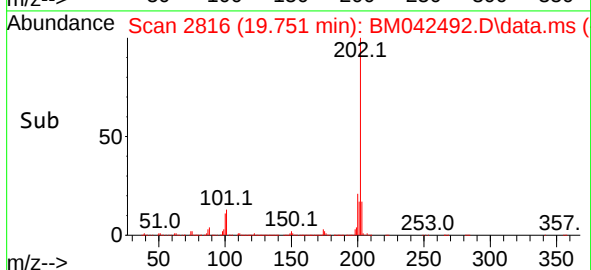
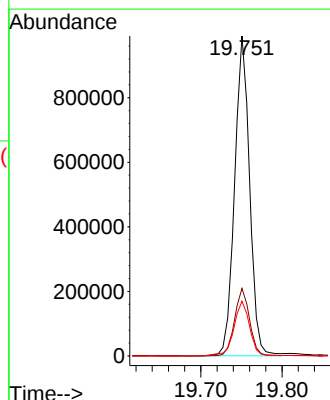
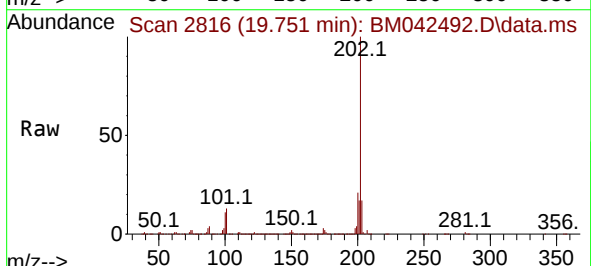
RT: 19.751 min Scan# 2816

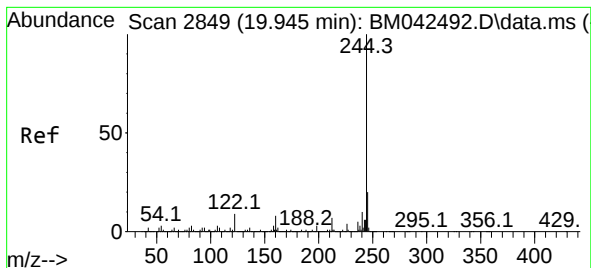
Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Tgt Ion:202 Resp: 1267079
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 85.952 ng

RT: 19.945 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 223574

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

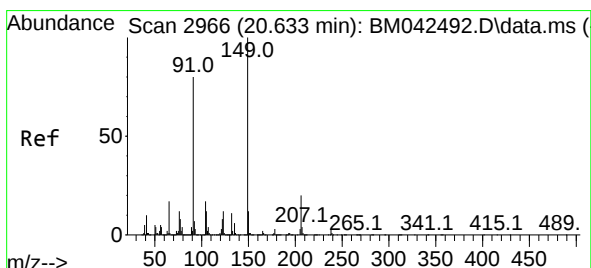
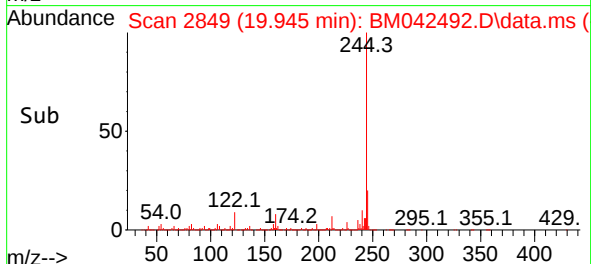
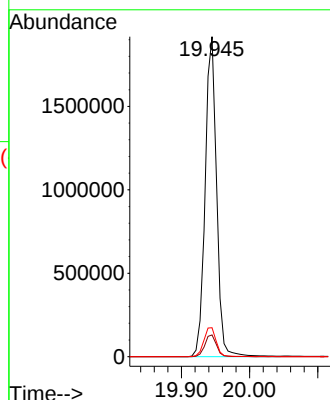
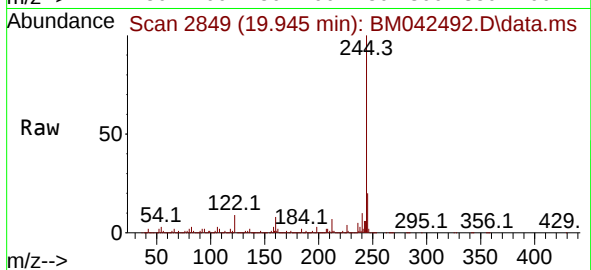
122 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#80

Butylbenzylphthalate

Concen: 43.245 ng

RT: 20.633 min Scan# 2966

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

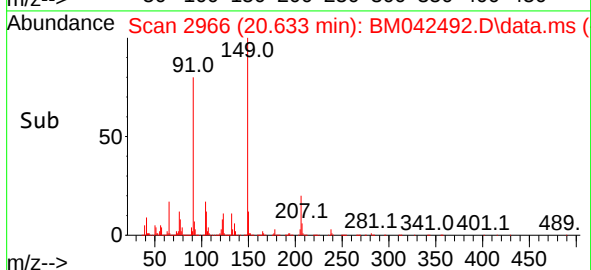
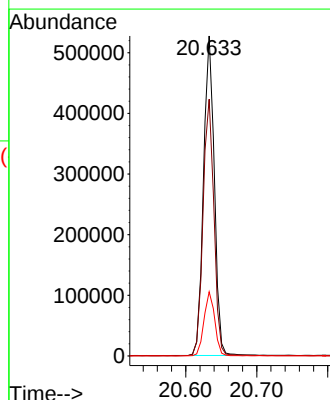
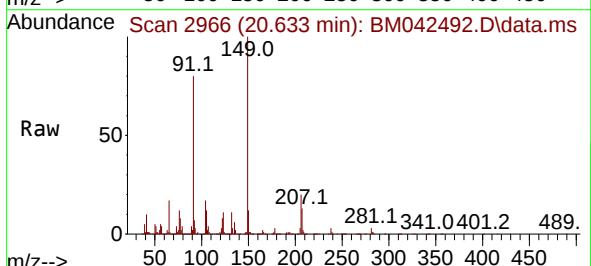
Tgt Ion:149 Resp: 559384

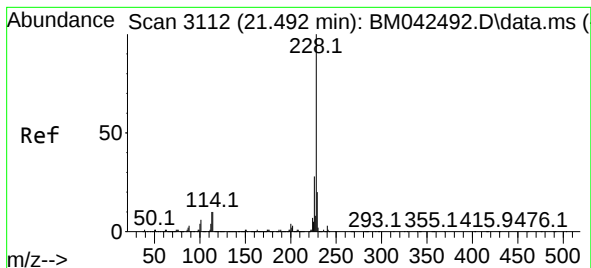
Ion Ratio Lower Upper

149 100

91 80.3 64.2 96.4

206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 41.467 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 116365

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

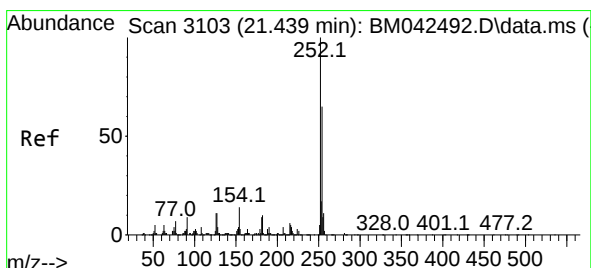
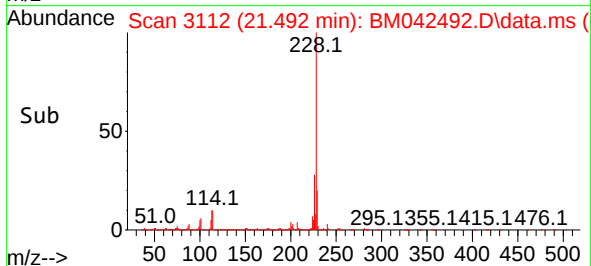
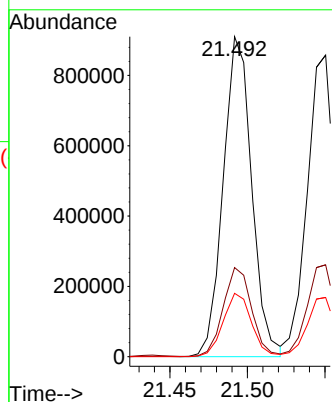
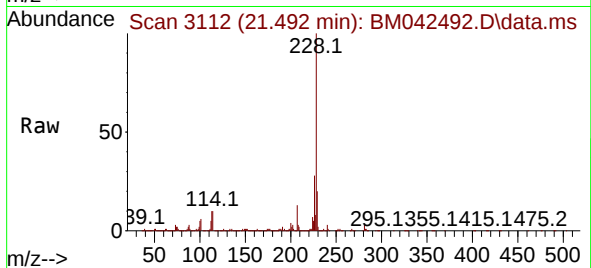
229 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.291 ng

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

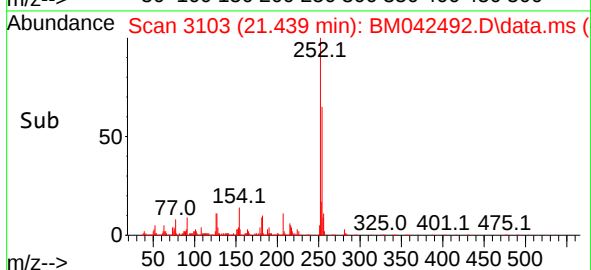
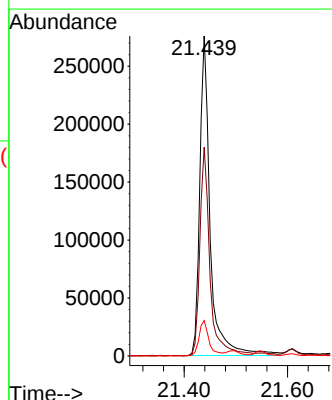
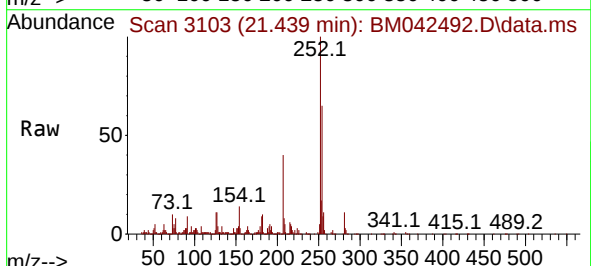
Tgt Ion:252 Resp: 386097

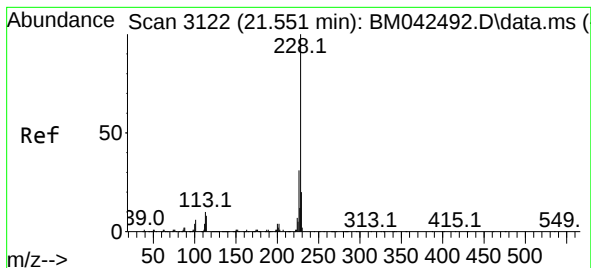
Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 11.1 8.9 13.3





#83

Chrysene

Concen: 41.258 ng

RT: 21.551 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 1176079

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

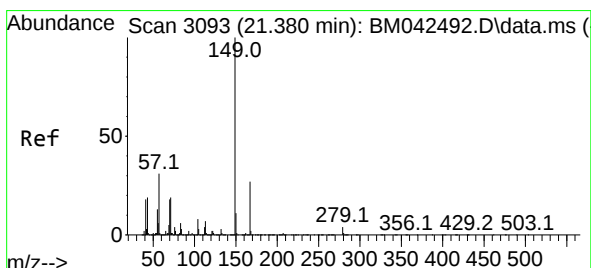
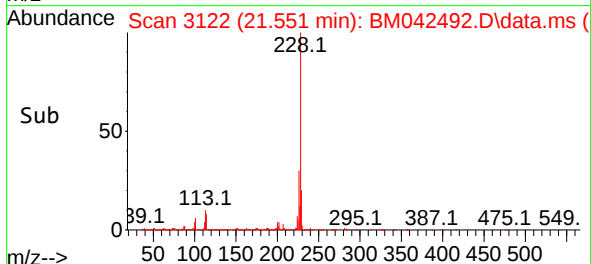
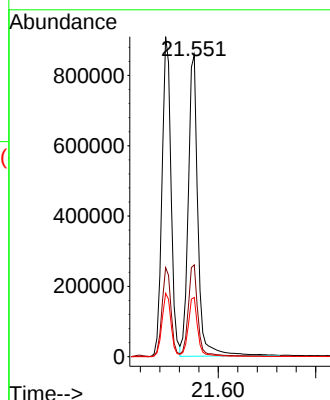
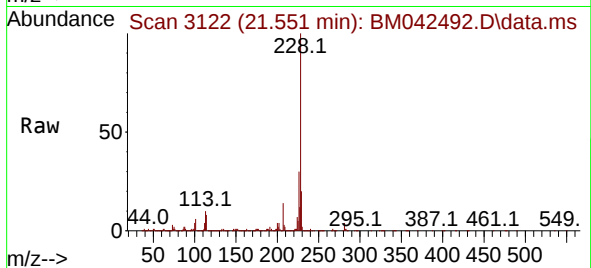
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.109 ng

RT: 21.380 min Scan# 3093

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

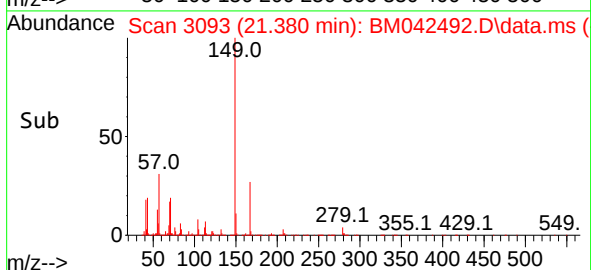
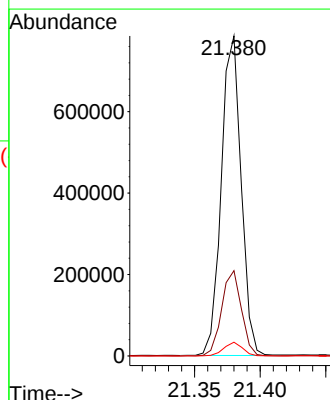
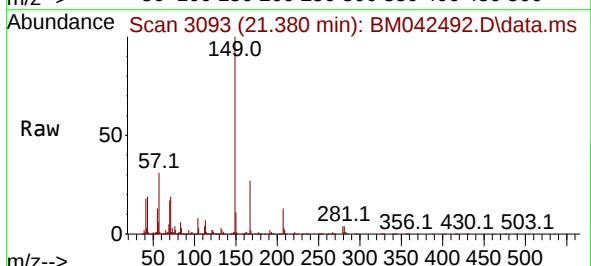
Tgt Ion:149 Resp: 823189

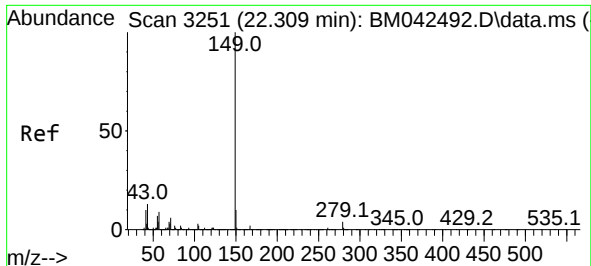
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

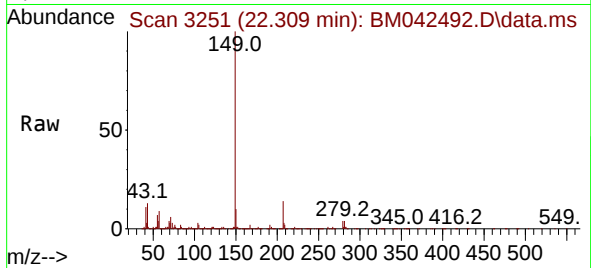
279 4.3 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 41.344 ng
RT: 22.309 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

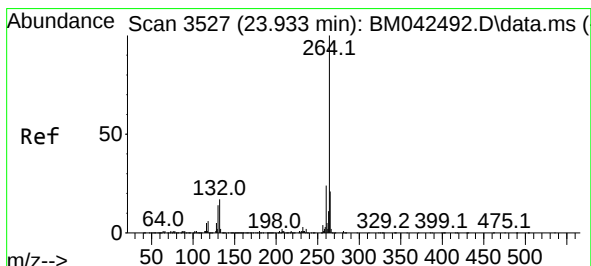
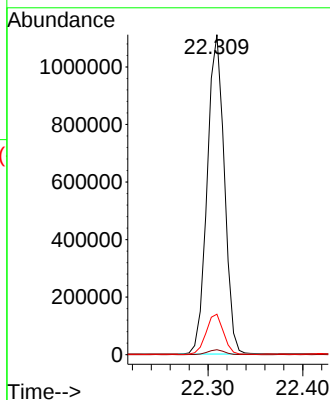
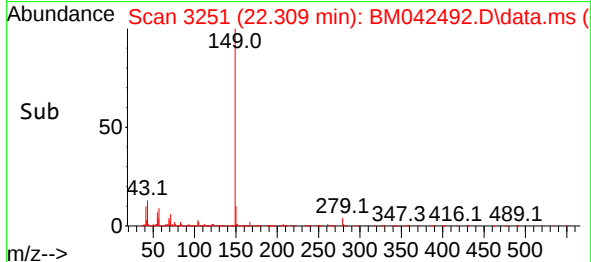
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 139119
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.7 10.2 15.2

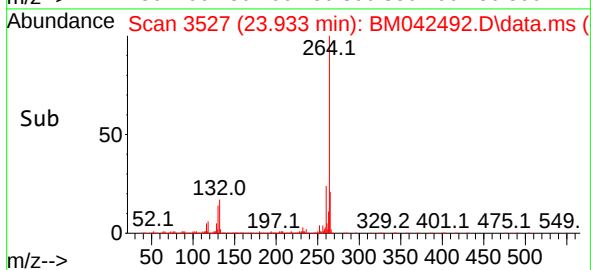
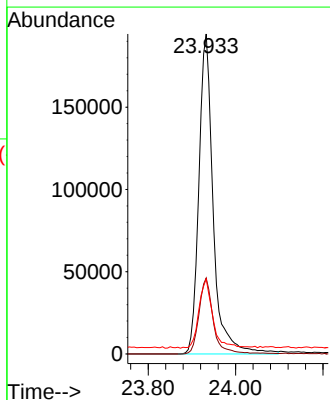
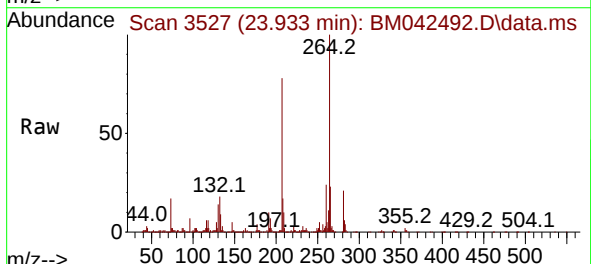
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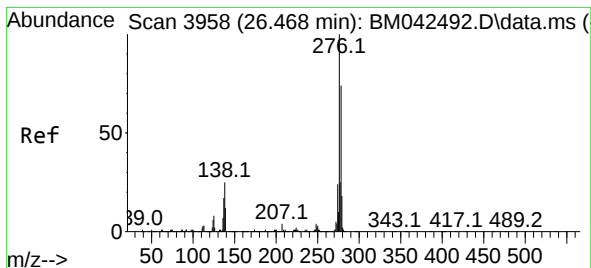
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

Tgt Ion:264 Resp: 444423
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 23.4 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.780 ng

RT: 26.468 min Scan# 3958

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:276 Resp: 110511

Ion Ratio Lower Upper

276 100

138 25.8 20.6 31.0

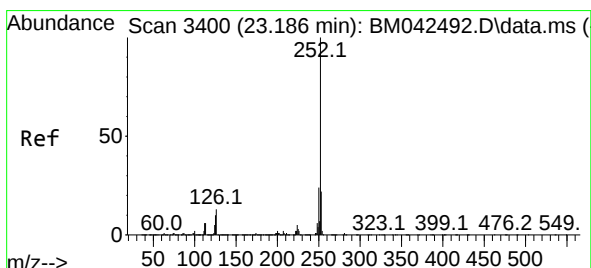
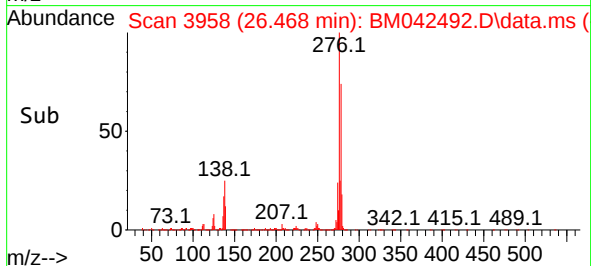
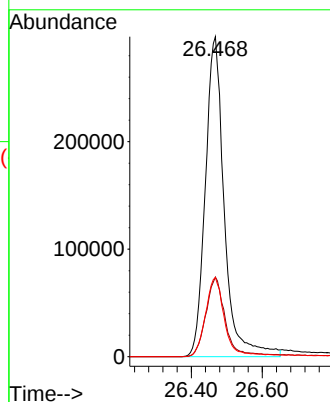
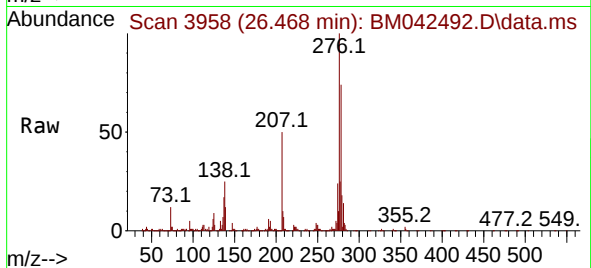
277 24.4 19.5 29.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#88

Benzo(b)fluoranthene

Concen: 41.738 ng

RT: 23.186 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

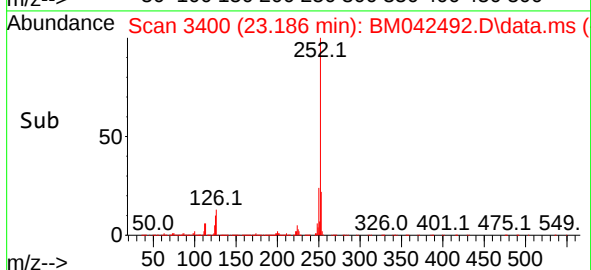
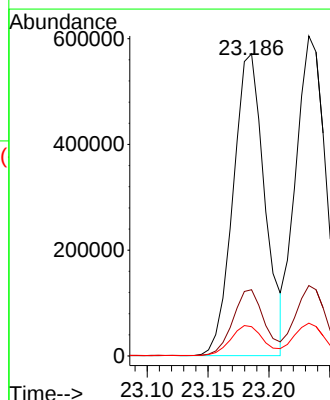
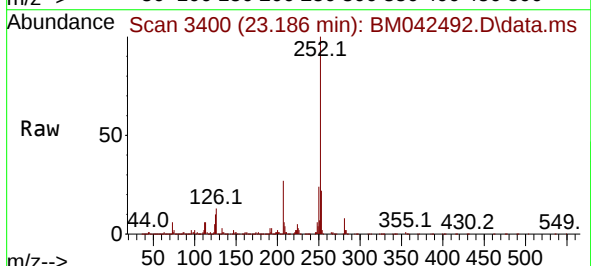
Tgt Ion:252 Resp: 1033421

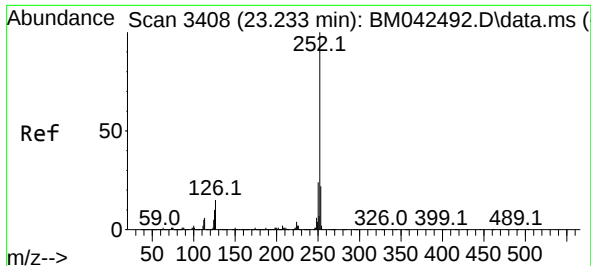
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

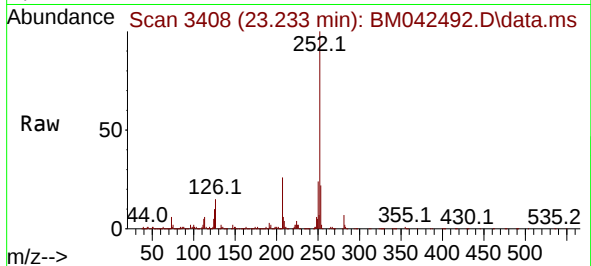
125 9.7 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 39.867 ng
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29

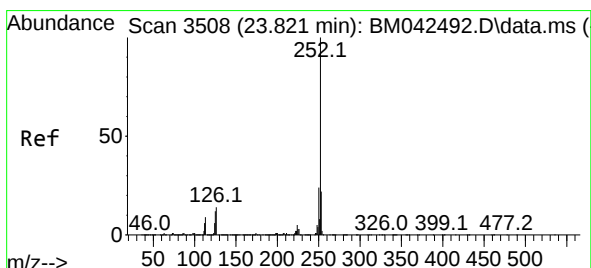
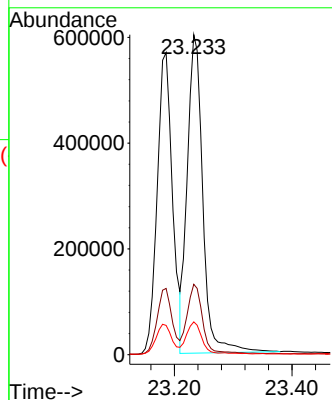
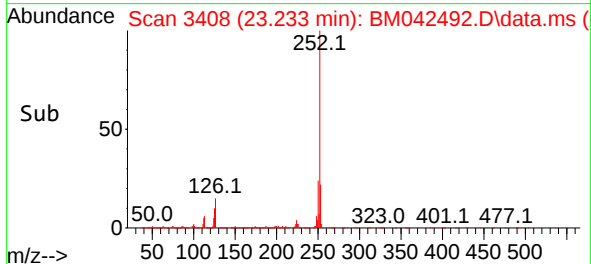
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



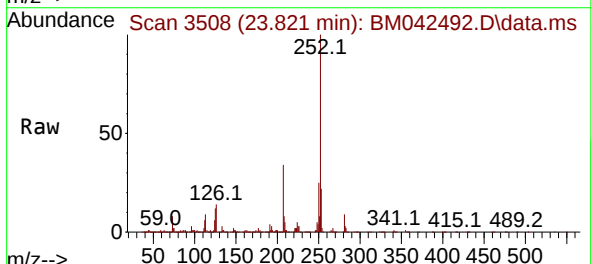
Tgt Ion:252 Resp: 1099938
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.3 8.2 12.4

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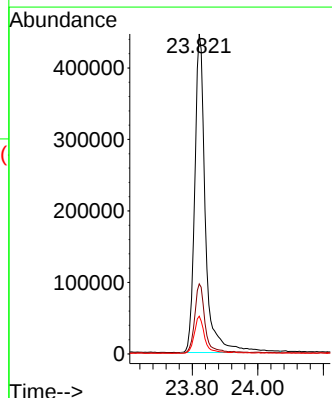
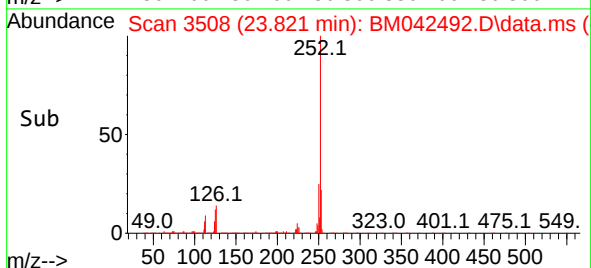
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

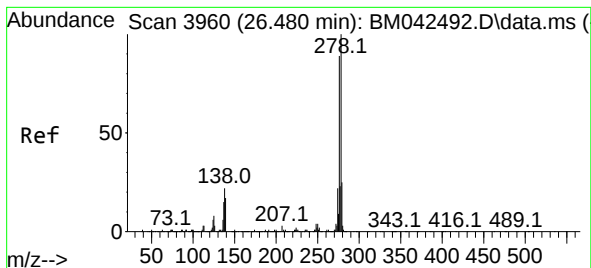


#90
Benzo(a)pyrene
Concen: 41.603 ng
RT: 23.821 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM042492.D
Acq: 30 Oct 2023 13:29



Tgt Ion:252 Resp: 1014128
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 38.589 ng

RT: 26.480 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

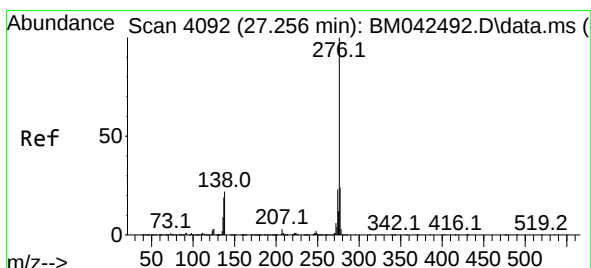
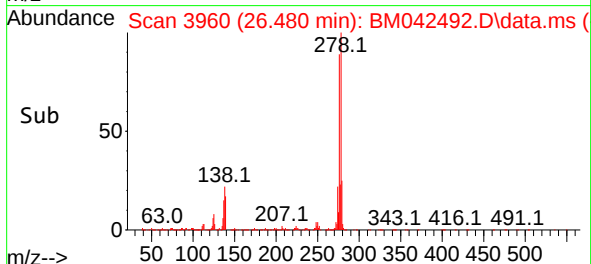
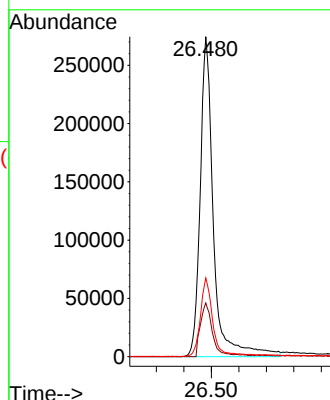
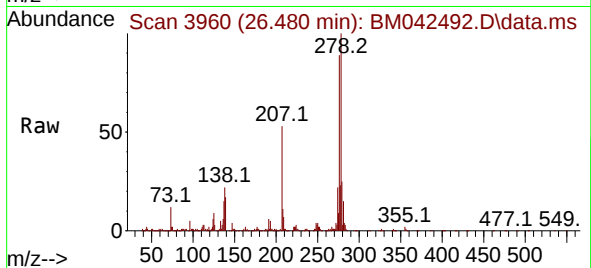
Tgt Ion:	278	Resp:	92062
Ion Ratio	Lower	Upper	
278	100		
139	16.8	13.4	20.2
279	24.6	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#92

Benzo(g,h,i)perylene

Concen: 40.593 ng

RT: 27.256 min Scan# 4092

Delta R.T. 0.000 min

Lab File: BM042492.D

Acq: 30 Oct 2023 13:29

Tgt Ion:	276	Resp:	946345
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.2	28.8
138	21.6	17.3	25.9

