

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040227.D
 Acq On : 13 Jun 2023 16:17
 Operator : MA/JU
 Sample : PB153264BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153264BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 22:54:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 22:36:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	483120	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	2183385	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	1271937	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2455897	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1902102	20.000	ng	0.00
86) Perylene-d12	23.974	264	1605605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	3285345	105.436	ng	0.00
7) Phenol-d6	7.145	99	4181761	98.436	ng	0.00
23) Nitrobenzene-d5	9.151	82	3784038	90.751	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1506257	84.890	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	8403789	90.690	ng	0.00
79) Terphenyl-d14	19.980	244	11233277	114.753	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	433905	34.866	ng	98
3) Pyridine	3.799	79	1163012	32.679	ng	97
4) n-Nitrosodimethylamine	3.704	42	698342	43.768	ng	98
6) Aniline	7.304	93	1795628	34.437	ng	100
8) 2-Chlorophenol	7.539	128	1771807	53.435	ng	99
9) Benzaldehyde	7.110	77	162882	6.903	ng	98
10) Phenol	7.169	94	2282966	54.930	ng	98
11) bis(2-Chloroethyl)ether	7.398	93	1624686	47.140	ng	100
12) 1,3-Dichlorobenzene	7.869	146	1641320	47.944	ng	98
13) 1,4-Dichlorobenzene	8.016	146	1692047	48.819	ng	100
14) 1,2-Dichlorobenzene	8.334	146	1655146	48.840	ng	98
15) Benzyl Alcohol	8.222	79	1545340	50.720	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	2263291	47.578	ng	99
17) 2-Methylphenol	8.428	107	1536410	50.396	ng	99
18) Hexachloroethane	9.069	117	625410	48.911	ng	98
19) n-Nitroso-di-n-propyla...	8.798	70	1334646	46.772	ng	98
20) 3+4-Methylphenols	8.757	107	2090215	50.122	ng	98
22) Acetophenone	8.810	105	2637613	46.410	ng	# 99
24) Nitrobenzene	9.192	77	1917551	44.807	ng	100
25) Isophorone	9.722	82	3565197	44.006	ng	100
26) 2-Nitrophenol	9.904	139	890806	48.708	ng	99
27) 2,4-Dimethylphenol	9.969	122	1750543	51.474	ng	100
28) bis(2-Chloroethoxy)met...	10.204	93	2325491	45.667	ng	100
29) 2,4-Dichlorophenol	10.439	162	1644497	51.042	ng	99
30) 1,2,4-Trichlorobenzene	10.657	180	1511174	46.026	ng	100
31) Naphthalene	10.845	128	5242304	44.690	ng	99
32) Benzoic acid	10.133	122	1276022	47.577	ng	99
33) 4-Chloroaniline	10.957	127	882176	16.813	ng	99
34) Hexachlorobutadiene	11.127	225	812914	44.042	ng	99
35) Caprolactam	11.757	113	523844m	46.656	ng	
36) 4-Chloro-3-methylphenol	12.080	107	1805752	48.318	ng	100
37) 2-Methylnaphthalene	12.451	142	3605948	43.359	ng	99
38) 1-Methylnaphthalene	12.669	142	3387949	43.132	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	1690363	47.793	ng	99
41) Hexachlorocyclopentadiene	12.798	237	2331403	119.831	ng	99
43) 2,4,6-Trichlorophenol	13.057	196	1216570	49.602	ng	99

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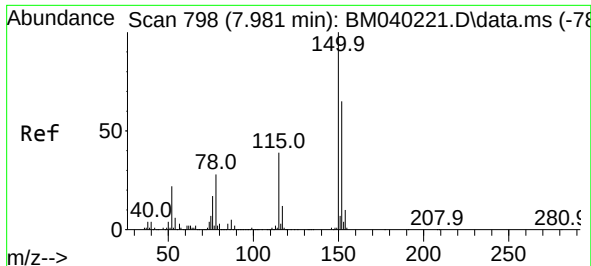
Manual Integrations
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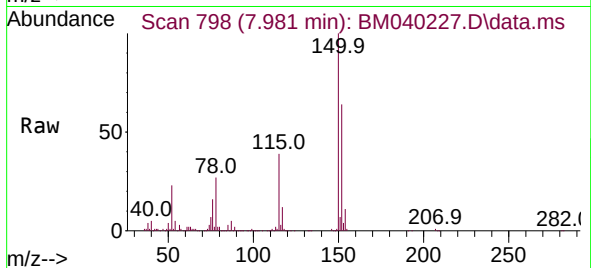
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	1351581	46.260	ng	98
46) 1,1'-Biphenyl	13.457	154	4714887	46.963	ng	99
47) 2-Chloronaphthalene	13.498	162	3549619	47.743	ng	99
48) 2-Nitroaniline	13.704	65	1170763	47.768	ng	99
49) Acenaphthylene	14.345	152	5717836	46.105	ng	99
50) Dimethylphthalate	14.080	163	4467588	44.140	ng	100
51) 2,6-Dinitrotoluene	14.198	165	951193	46.188	ng	97
52) Acenaphthene	14.686	154	3445432	45.537	ng	99
53) 3-Nitroaniline	14.527	138	816874	33.388	ng	99
54) 2,4-Dinitrophenol	14.733	184	1206166	90.866	ng	96
55) Dibenzofuran	15.021	168	5315843	44.414	ng	99
56) 4-Nitrophenol	14.839	139	1895445	99.116	ng	99
57) 2,4-Dinitrotoluene	14.986	165	1295562	46.682	ng	99
58) Fluorene	15.668	166	4376767	44.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	1122921	47.250	ng	99
60) Diethylphthalate	15.439	149	4587497	44.111	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	2182377	45.536	ng	99
62) 4-Nitroaniline	15.692	138	1097988	43.674	ng	99
63) Azobenzene	15.951	77	4716736	45.163	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	732674	49.760	ng	99
66) n-Nitrosodiphenylamine	15.874	169	3760209	48.519	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	1221916	47.527	ng	99
68) Hexachlorobenzene	16.668	284	1413606	49.775	ng	99
69) Atrazine	16.827	200	1102378	47.529	ng	98
70) Pentachlorophenol	17.015	266	1928648	94.721	ng	99
71) Phenanthrene	17.409	178	6408320	46.893	ng	99
72) Anthracene	17.498	178	6487173	47.009	ng	99
73) Carbazole	17.768	167	6003979	46.242	ng	100
74) Di-n-butylphthalate	18.327	149	7559244	46.940	ng	100
75) Fluoranthene	19.415	202	6580181	43.443	ng	100
77) Benzidine	19.603	184	2264925	64.119	ng	100
78) Pyrene	19.780	202	6969094	53.413	ng	99
80) Butylbenzylphthalate	20.674	149	3057404	51.162	ng	98
81) Benzo(a)anthracene	21.527	228	6209237	47.915	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1922826	43.326	ng	100
83) Chrysene	21.580	228	5681324	46.330	ng	100
84) Bis(2-ethylhexyl)phtha...	21.444	149	4493954	49.691	ng	99
85) Di-n-octyl phthalate	22.386	149	7155287	47.367	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	5210590	48.992	ng	100
88) Benzo(b)fluoranthene	23.233	252	5304829	55.198	ng	99
89) Benzo(k)fluoranthene	23.285	252	5384745	54.481	ng	99
90) Benzo(a)pyrene	23.868	252	4337823	47.580	ng	100
91) Dibenzo(a,h)anthracene	26.526	278	4471497	49.438	ng	100
92) Benzo(g,h,i)perylene	27.291	276	3997562	49.382	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

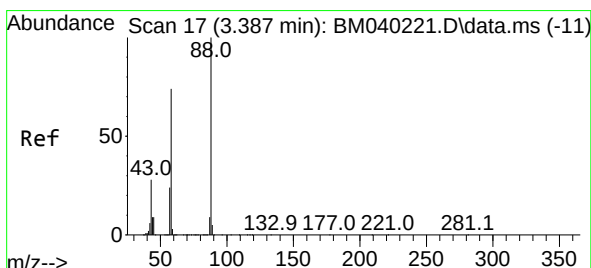
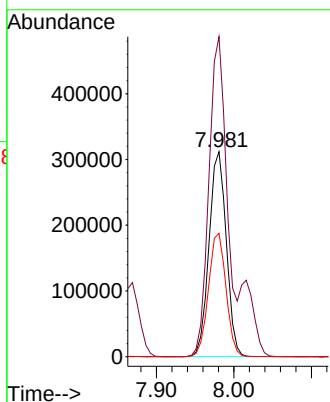
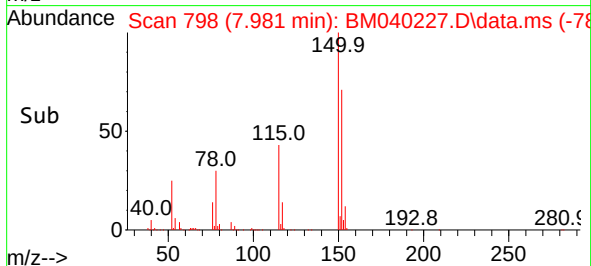
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:152 Resp: 483120
Ion Ratio Lower Upper
152 100
150 156.1 122.5 183.7
115 60.1 47.9 71.9

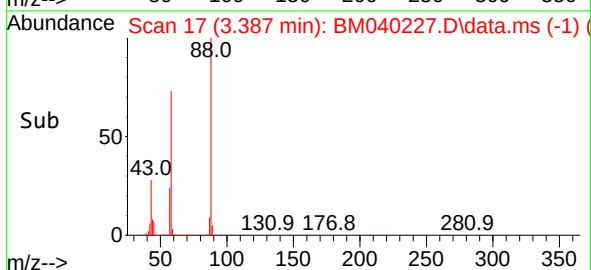
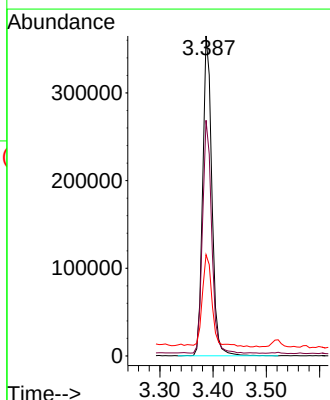
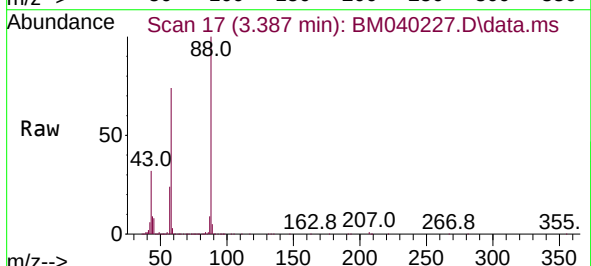
Manual Integrations
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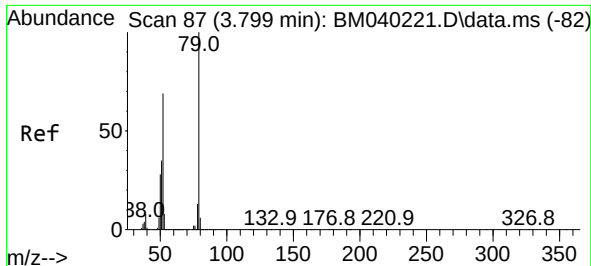
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 34.866 ng
RT: 3.387 min Scan# 17
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

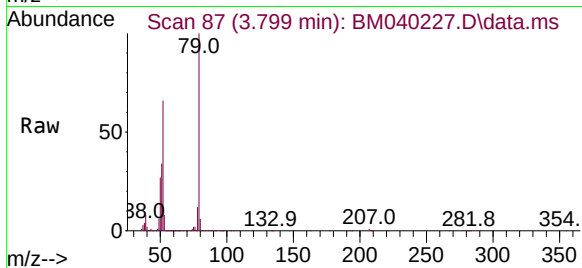
Tgt Ion: 88 Resp: 433905
Ion Ratio Lower Upper
88 100
58 72.7 59.0 88.6
43 30.7 23.2 34.8





#3
 Pyridine
 Concen: 32.679 ng
 RT: 3.799 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM040227.D
 Acq: 13 Jun 2023 16:17

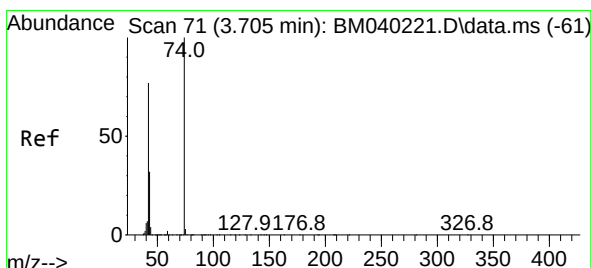
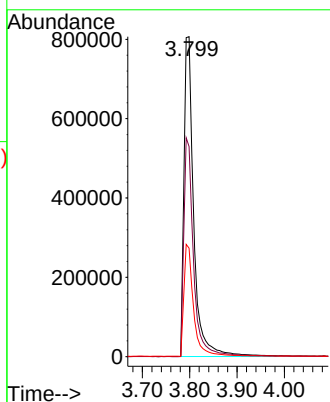
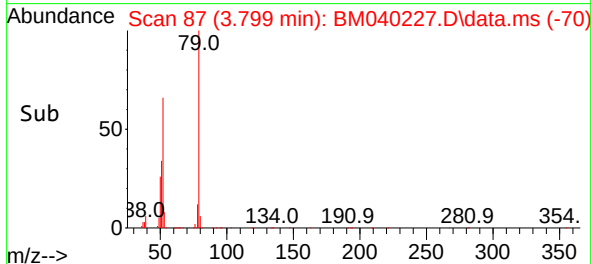
Instrument :
 BNA_M
 ClientSampleId :
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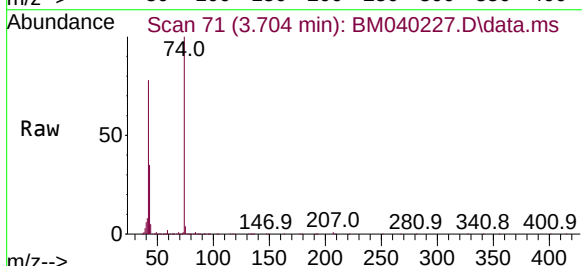
Tgt Ion: 79 Resp: 116301
 Ion Ratio Lower Upper
 79 100
 52 65.7 55.1 82.7
 51 33.9 27.9 41.9

Manual Integrations
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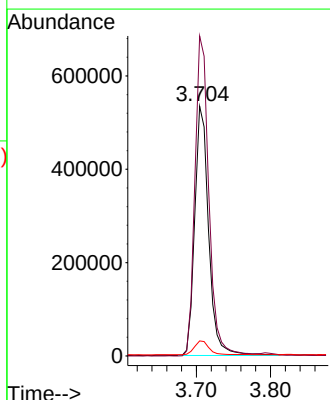
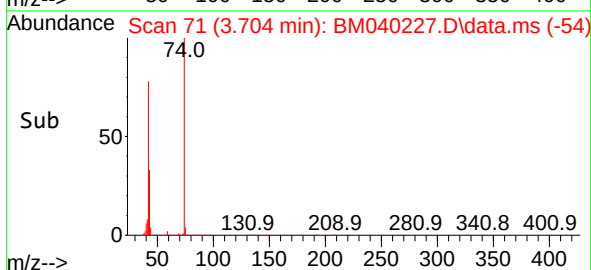
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

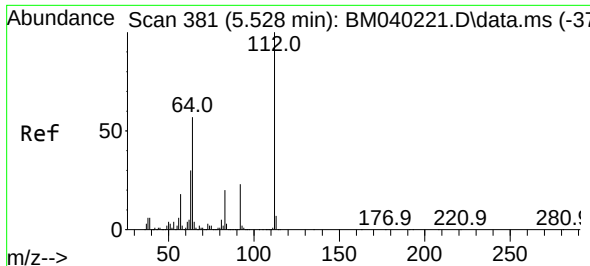


#4
 n-Nitrosodimethylamine
 Concen: 43.768 ng
 RT: 3.704 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BM040227.D
 Acq: 13 Jun 2023 16:17



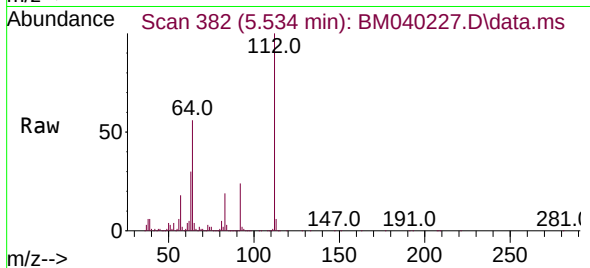
Tgt Ion: 42 Resp: 698342
 Ion Ratio Lower Upper
 42 100
 74 128.1 104.3 156.5
 44 6.0 5.0 7.4





#5
2-Fluorophenol
Concen: 105.436 ng
RT: 5.534 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

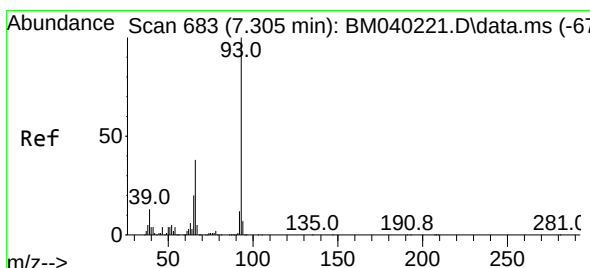
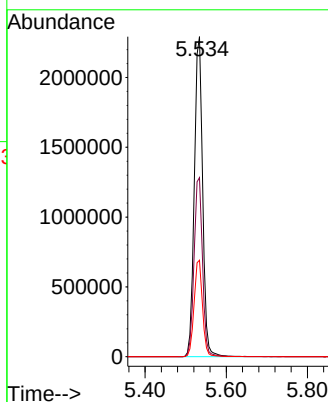
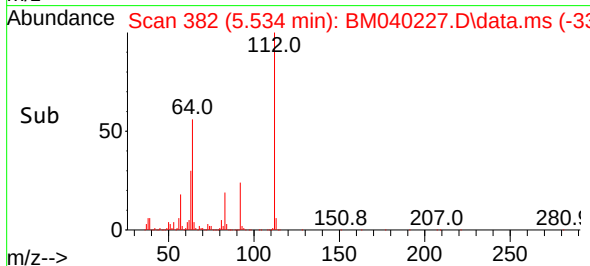
Instrument :
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Tgt Ion: 112 Resp: 328534
Ion Ratio Lower Upper
112 100
64 55.9 45.2 67.8
63 30.2 24.2 36.4

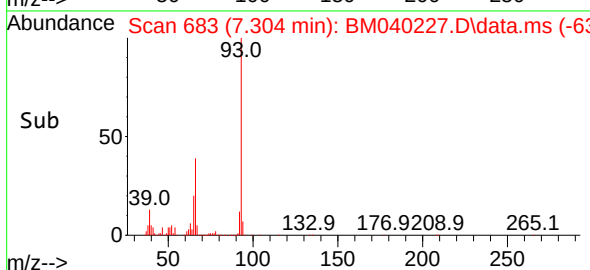
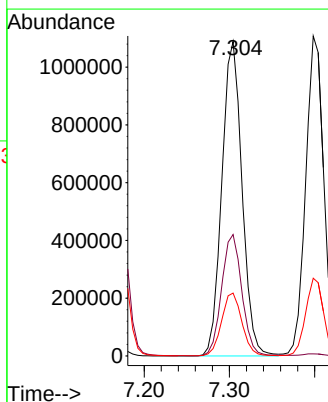
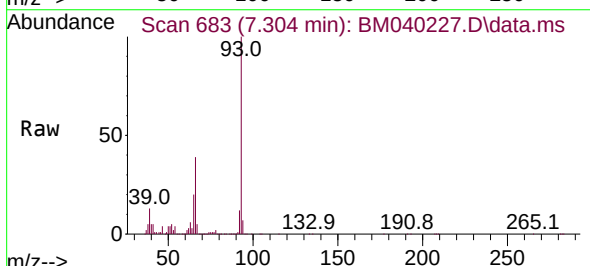
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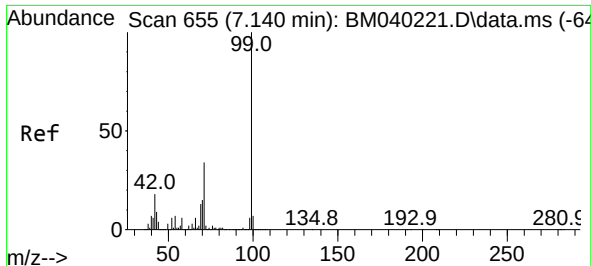
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 34.437 ng
RT: 7.304 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

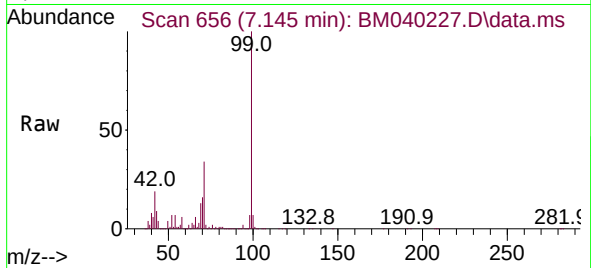
Tgt Ion: 93 Resp: 1795628
Ion Ratio Lower Upper
93 100
66 38.6 30.8 46.2
65 20.0 16.1 24.1





#7
Phenol-d6
Concen: 98.436 ng
RT: 7.145 min Scan# 655
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

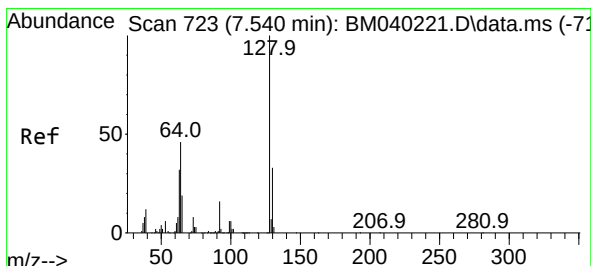
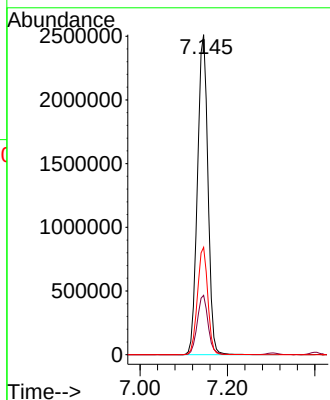
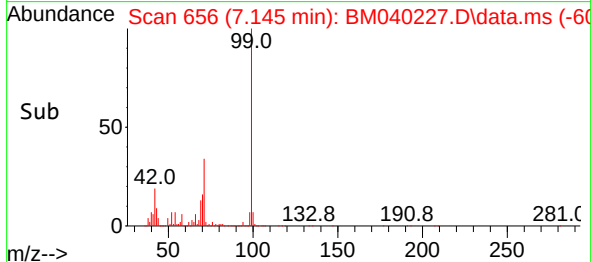
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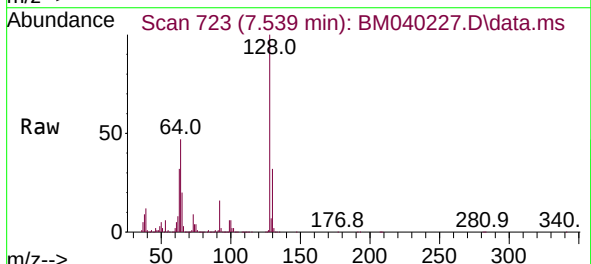
Tgt Ion: 99 Resp: 418176
Ion Ratio Lower Upper
99 100
42 18.6 14.5 21.7
71 33.6 26.9 40.3

Manual Integrations
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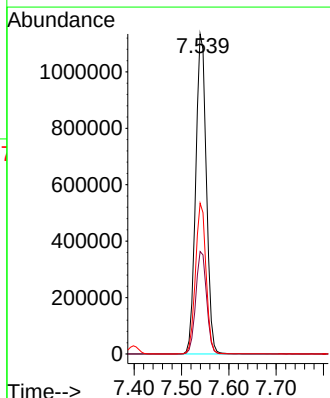
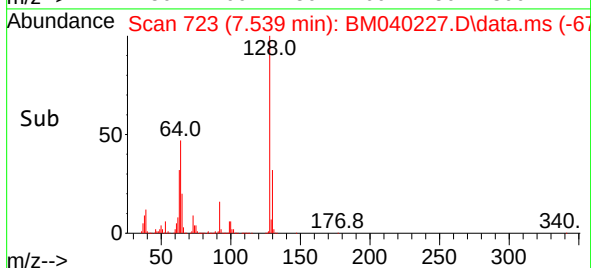
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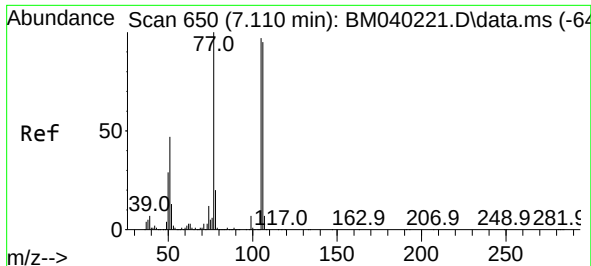


#8
2-Chlorophenol
Concen: 53.435 ng
RT: 7.539 min Scan# 723
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



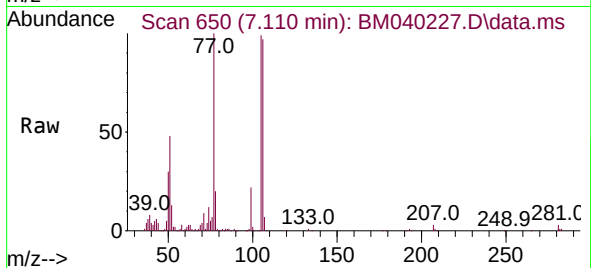
Tgt Ion:128 Resp: 1771807
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 47.1 27.4 67.4





#9
Benzaldehyde
Concen: 6.903 ng
RT: 7.110 min Scan# 650
Delta R.T. 0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

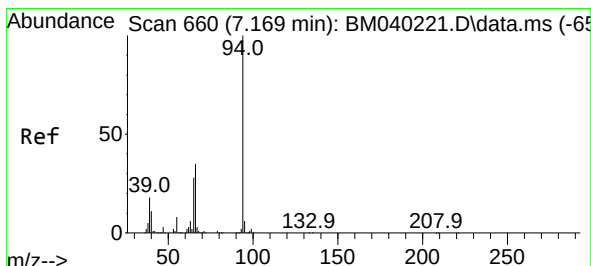
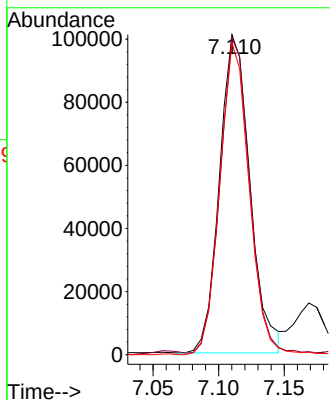
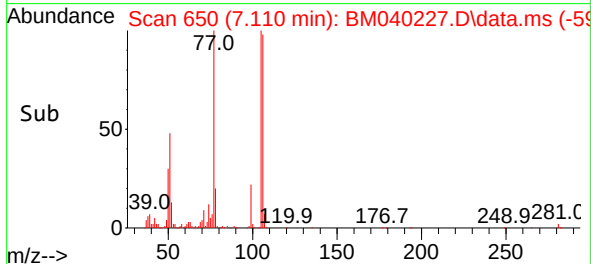
Instrument :
BNA_M
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Tgt Ion: 77 Resp: 16288
Ion Ratio Lower Upper
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105 99.2 77.3 117.3
106 97.5 75.2 115.2

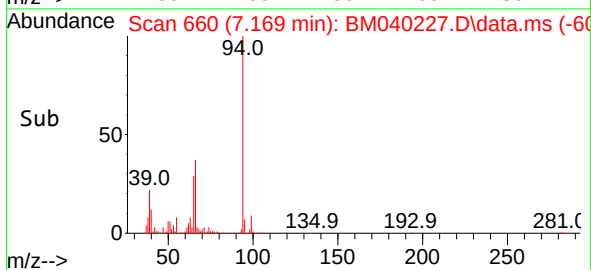
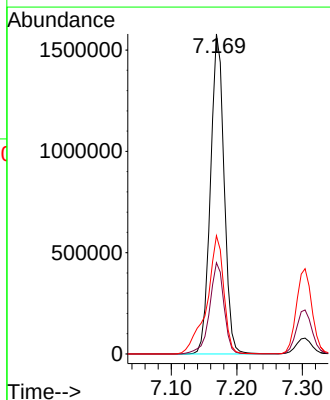
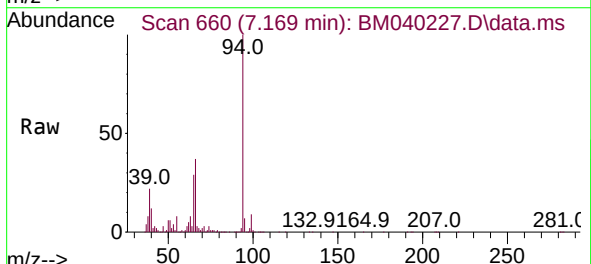
Manual Integrations
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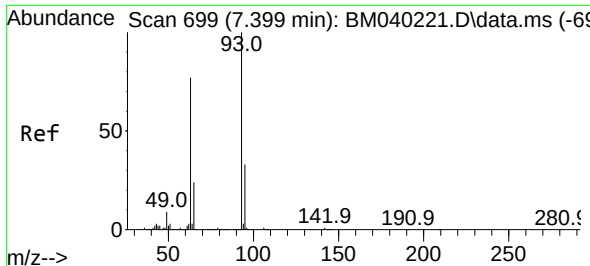
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 54.930 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

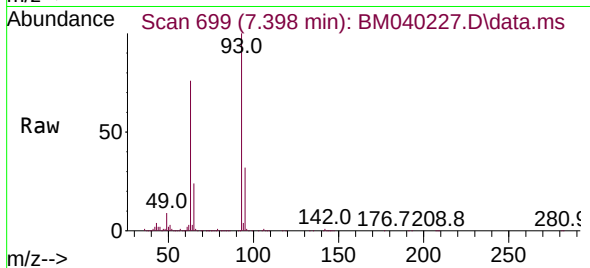
Tgt Ion: 94 Resp: 2282966
Ion Ratio Lower Upper
94 100
65 28.5 8.2 48.2
66 36.9 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 47.140 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

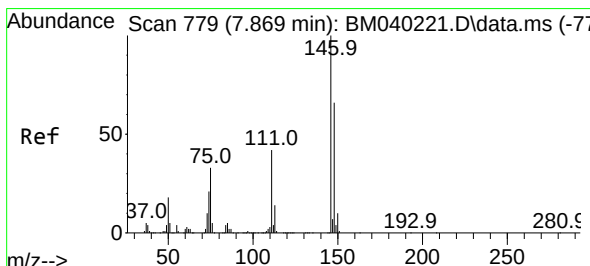
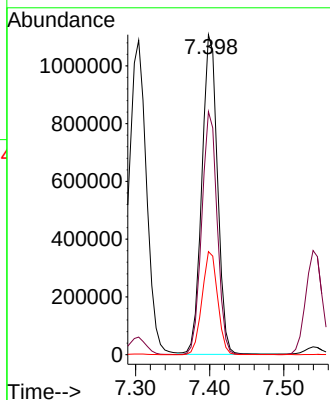
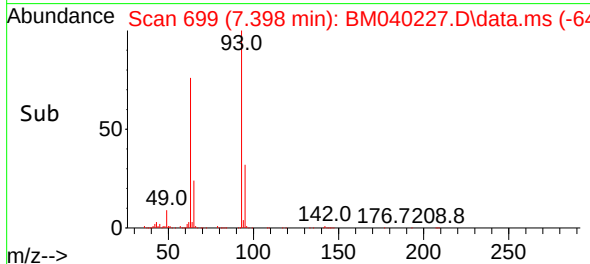
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion: 93 Resp: 1624680
Ion Ratio Lower Upper
93 100
63 75.9 56.3 96.3
95 32.2 12.5 52.5

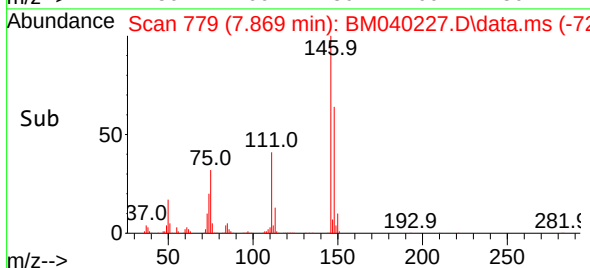
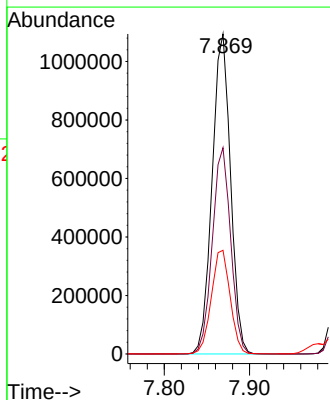
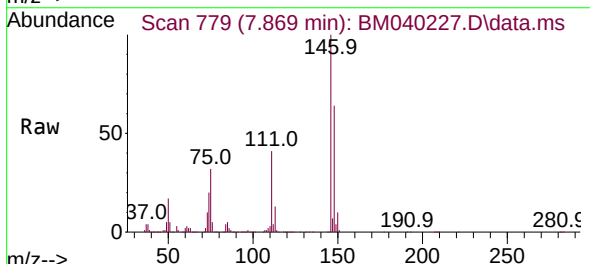
Manual Integrations
APPROVED

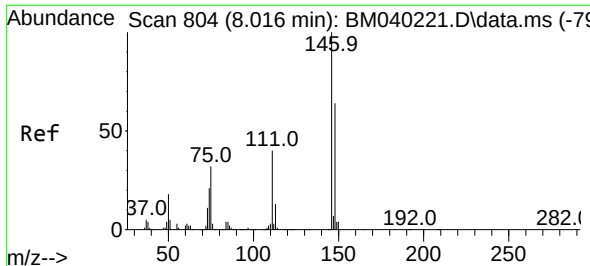
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#12
1,3-Dichlorobenzene
Concen: 47.944 ng
RT: 7.869 min Scan# 779
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

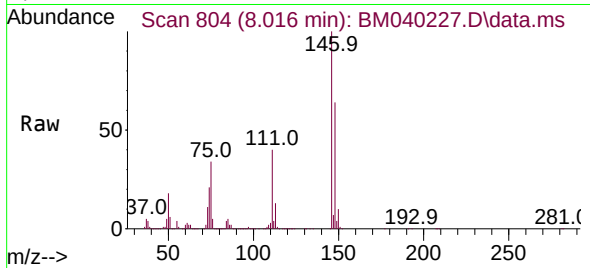
Tgt Ion:146 Resp: 1641320
Ion Ratio Lower Upper
146 100
148 64.4 52.6 79.0
75 32.4 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 48.819 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

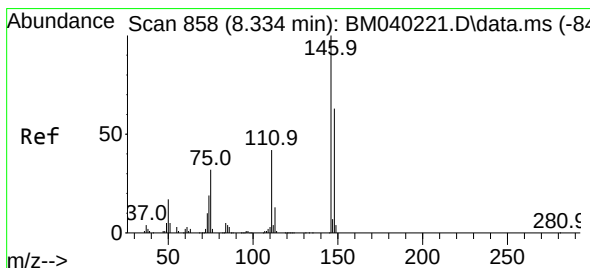
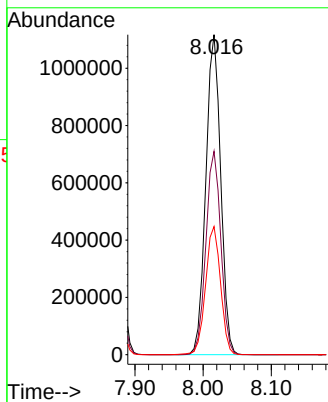
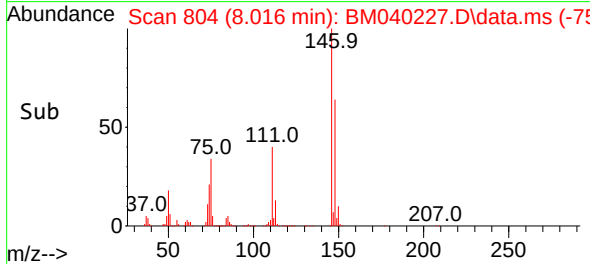
Instrument :
BNA_M
ClientSampleId :
PB153264BS



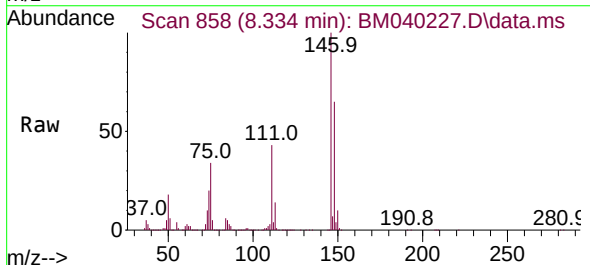
Tgt Ion:146 Resp: 169204
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
111 40.0 31.6 47.4

Manual Integrations
APPROVED

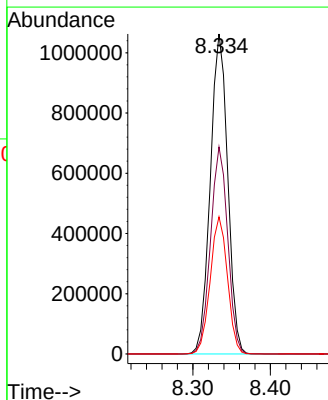
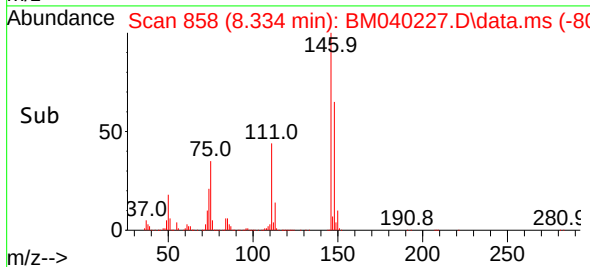
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

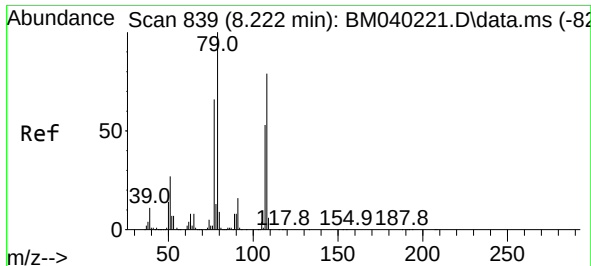


#14
1,2-Dichlorobenzene
Concen: 48.840 ng
RT: 8.334 min Scan# 858
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



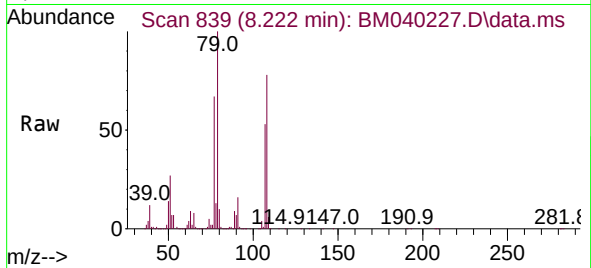
Tgt Ion:146 Resp: 1655146
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
111 42.8 33.8 50.6





#15
Benzyl Alcohol
Concen: 50.720 ng
RT: 8.222 min Scan# 839
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

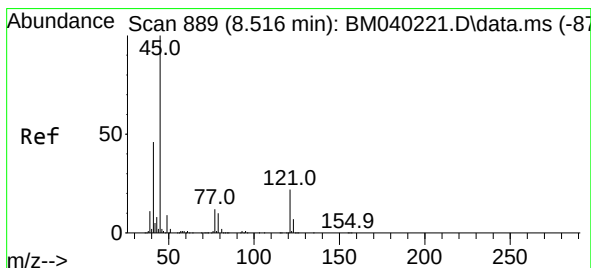
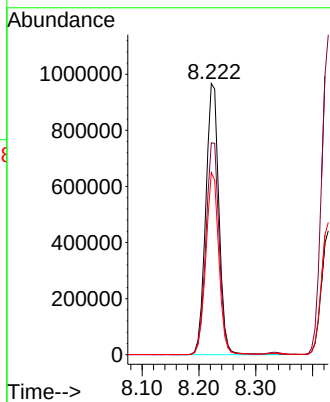
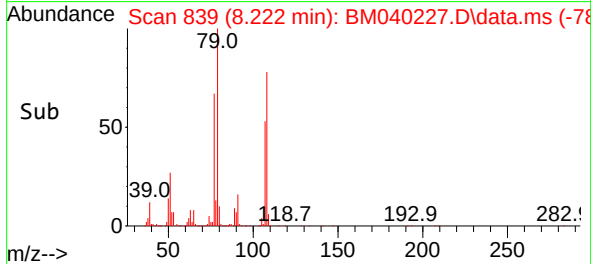
Instrument :
BNA_M
ClientSampleId :
PB153264BS



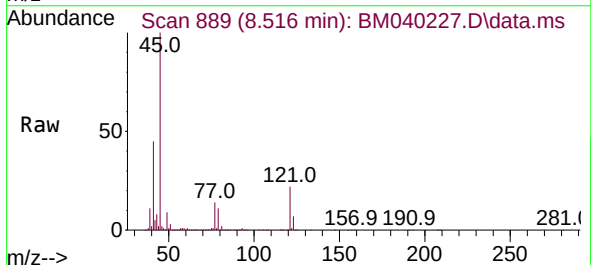
Tgt Ion: 79 Resp: 1545340
Ion Ratio Lower Upper
79 100
108 78.1 63.2 94.8
77 67.1 53.2 79.8

Manual Integrations
APPROVED

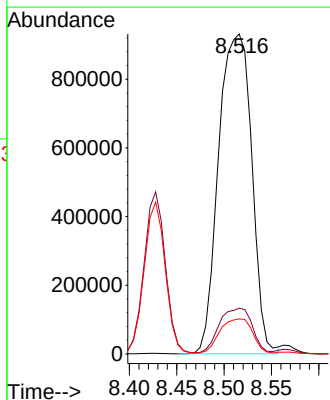
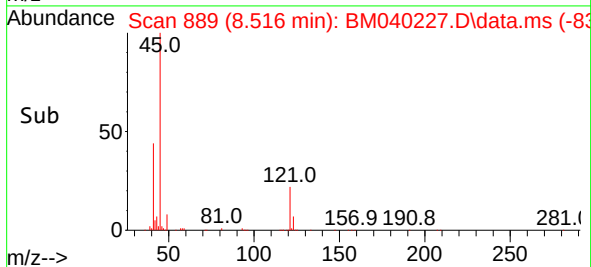
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

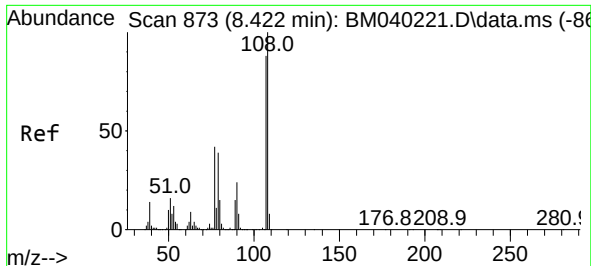


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.578 ng
RT: 8.516 min Scan# 889
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



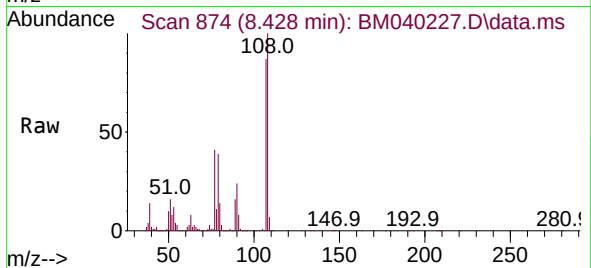
Tgt Ion: 45 Resp: 2263291
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.5
79 10.9 0.0 31.5





#17
2-Methylphenol
Concen: 50.396 ng
RT: 8.428 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

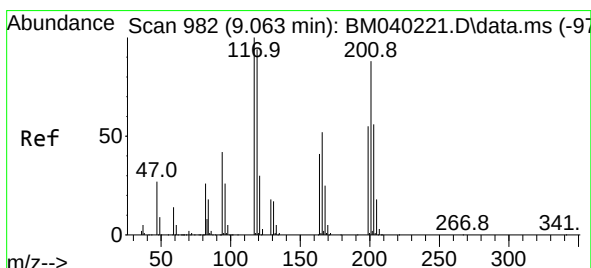
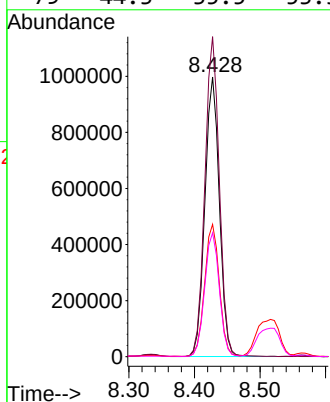
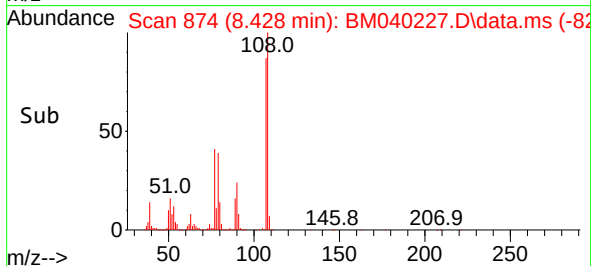
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:107 Resp: 1536410
Ion Ratio Lower Upper
107 100
108 114.4 91.1 136.7
77 47.3 38.7 58.1
79 44.3 35.5 53.3

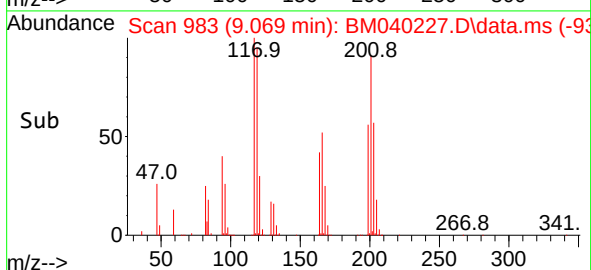
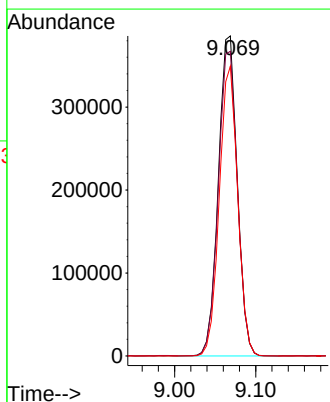
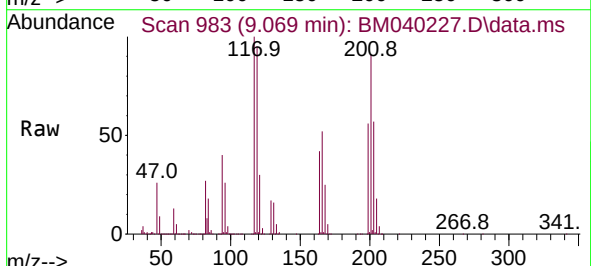
Manual Integrations
APPROVED

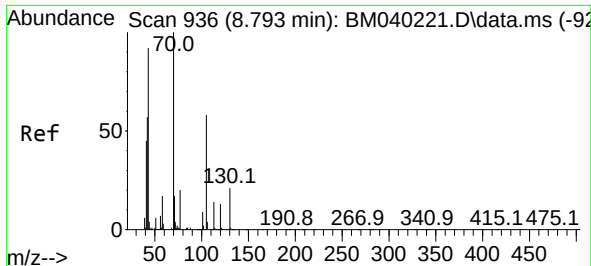
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 48.911 ng
RT: 9.069 min Scan# 983
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Tgt Ion:117 Resp: 625410
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.0
201 90.5 70.4 105.6





#19

n-Nitroso-di-n-propylamine

Concen: 46.772 ng

RT: 8.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM040227.D

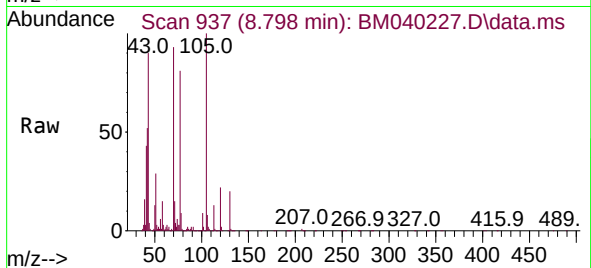
Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS



Tgt Ion: 70 Resp: 133464

Ion Ratio Lower Upper

70 100

42 56.1 46.2 69.4

101 9.7 7.4 11.0

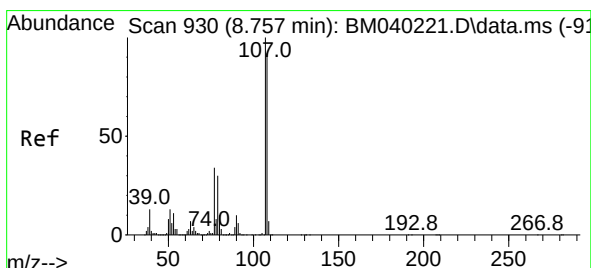
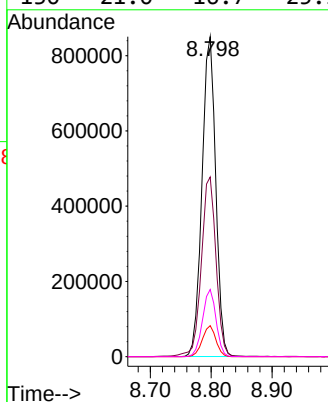
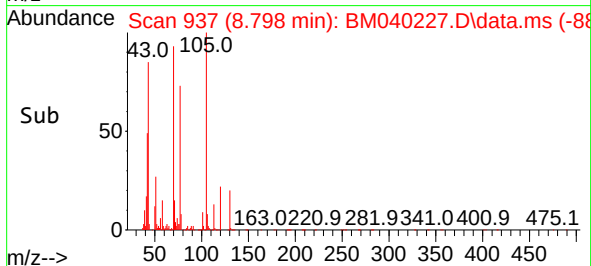
130 21.0 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#20

3+4-Methylphenols

Concen: 50.122 ng

RT: 8.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Tgt Ion:107 Resp: 2090215

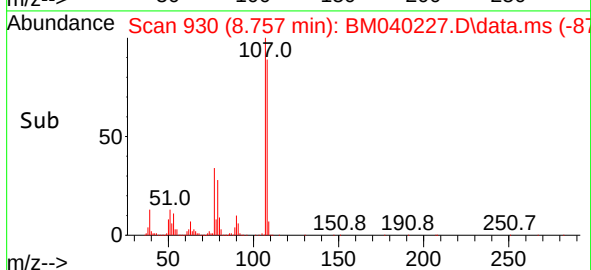
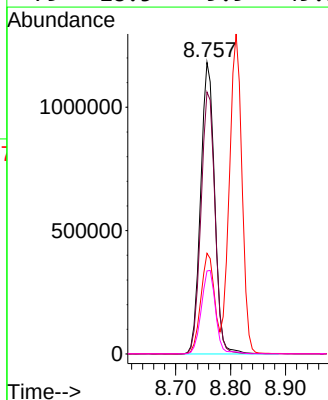
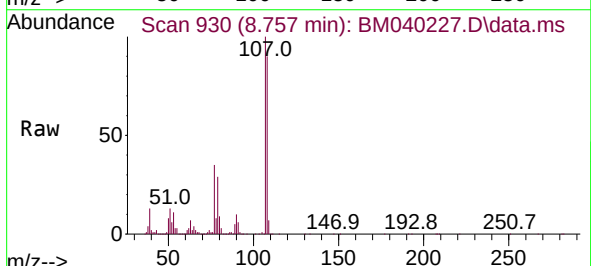
Ion Ratio Lower Upper

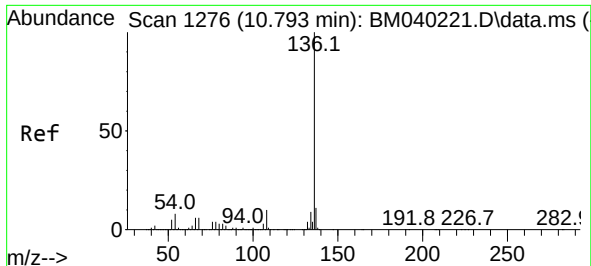
107 100

108 89.8 71.6 111.6

77 34.5 14.4 54.4

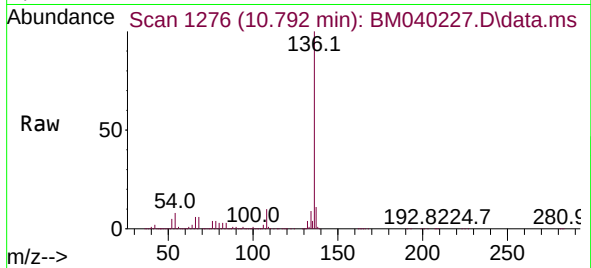
79 28.5 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

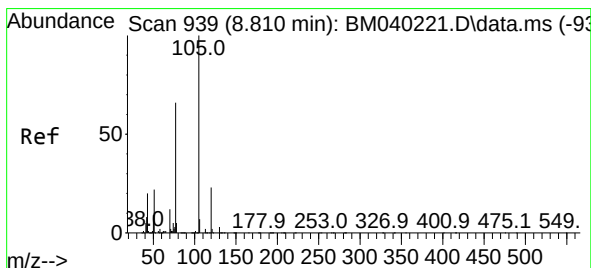
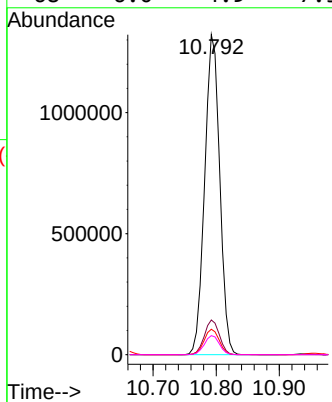
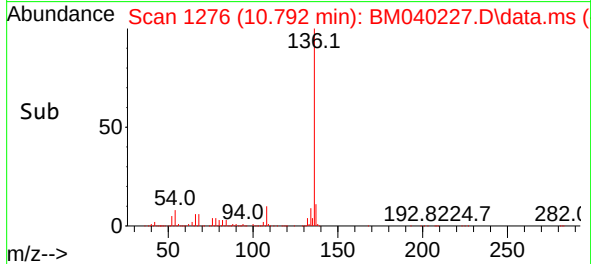
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:136 Resp: 218338
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 6.2 9.4
68 6.0 4.9 7.3

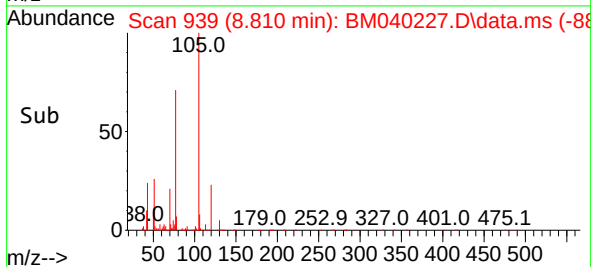
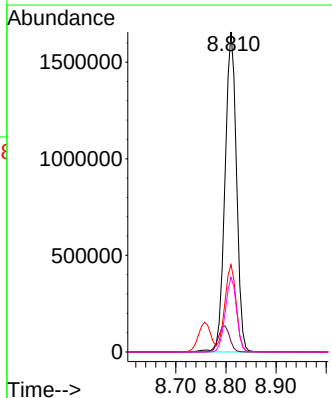
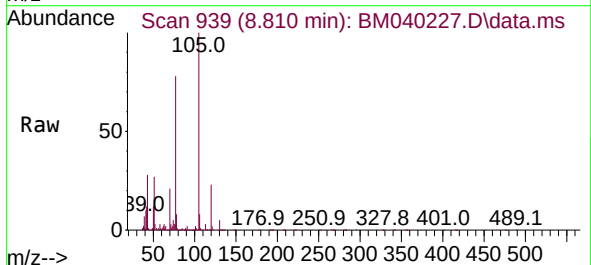
Manual Integrations
APPROVED

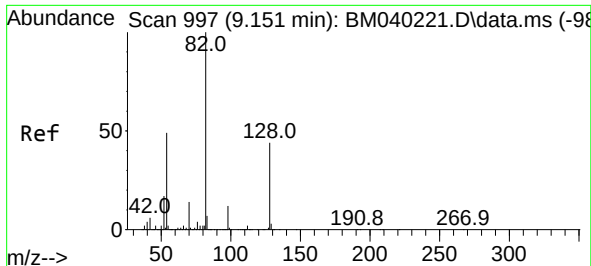
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Acetophenone
Concen: 46.410 ng
RT: 8.810 min Scan# 939
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Tgt Ion:105 Resp: 2637613
Ion Ratio Lower Upper
105 100
71 3.3 1.9 2.9#
51 27.3 21.2 31.8
120 23.4 18.3 27.5





#23

Nitrobenzene-d5

Concen: 90.751 ng

RT: 9.151 min Scan# 997

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Tgt Ion: 82 Resp: 3784038

Ion Ratio Lower Upper

82 100

128 44.5 35.3 52.9

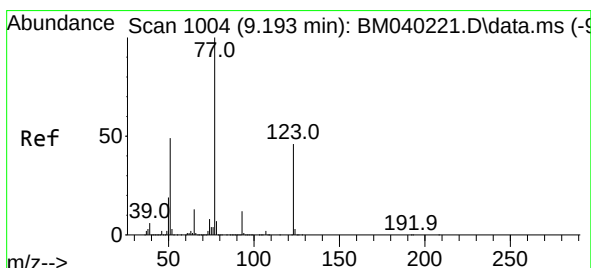
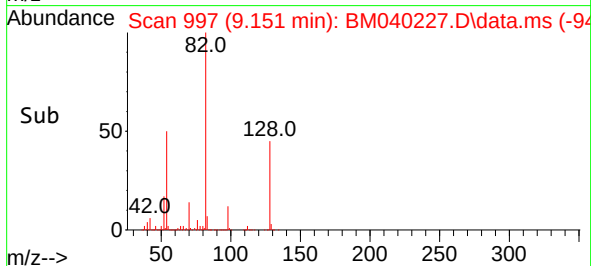
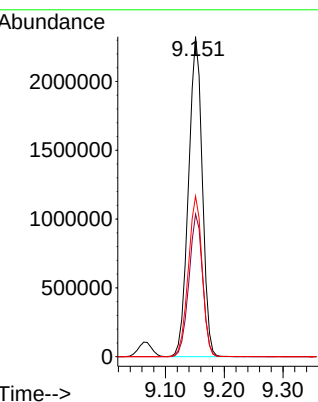
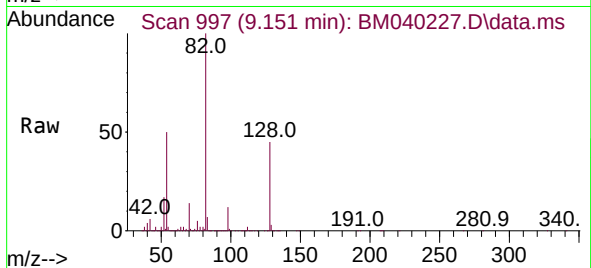
54 50.1 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#24

Nitrobenzene

Concen: 44.807 ng

RT: 9.192 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

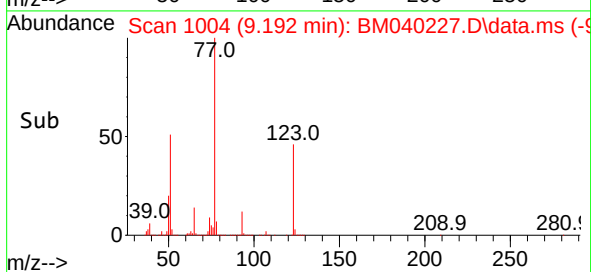
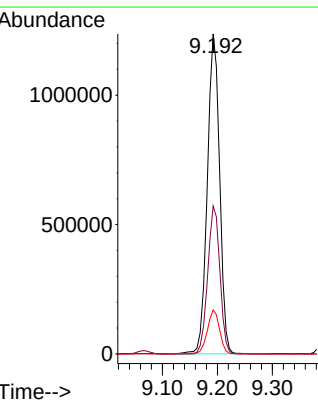
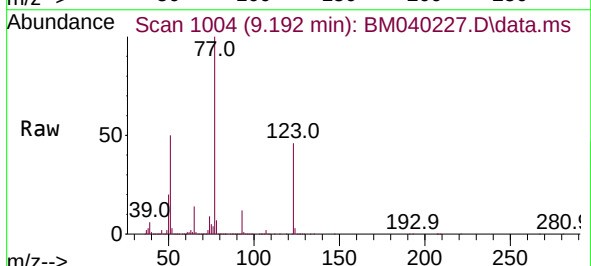
Tgt Ion: 77 Resp: 1917551

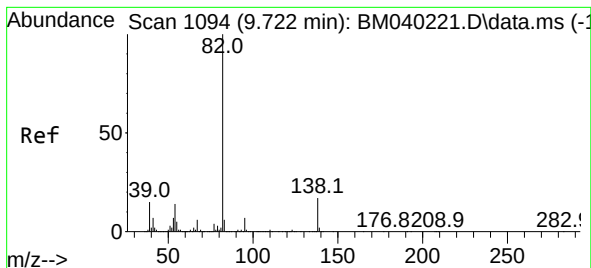
Ion Ratio Lower Upper

77 100

123 46.3 37.0 55.4

65 13.8 10.7 16.1





#25

Isophorone

Concen: 44.006 ng

RT: 9.722 min Scan# 1094

Delta R.T. -0.000 min

Lab File: BM040227.D

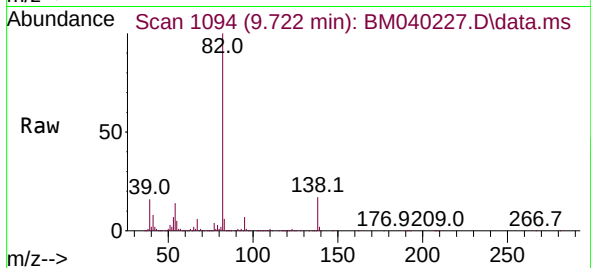
Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS



Tgt Ion: 82 Resp: 356519

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

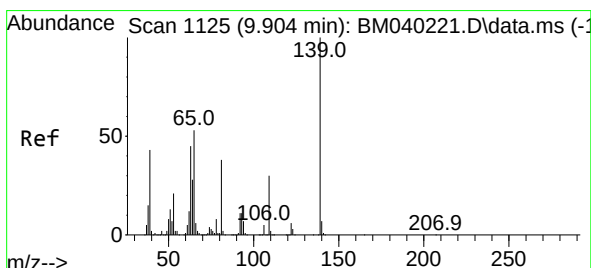
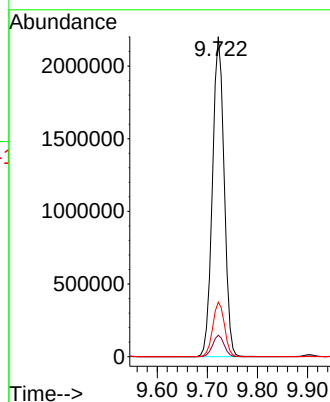
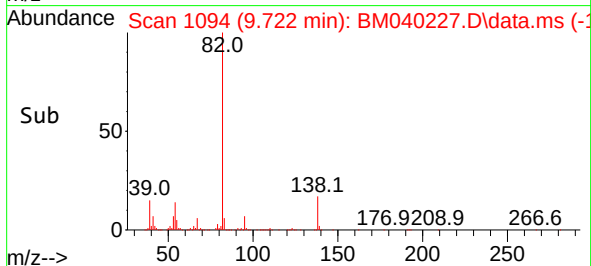
138 17.1 13.8 20.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#26

2-Nitrophenol

Concen: 48.708 ng

RT: 9.904 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

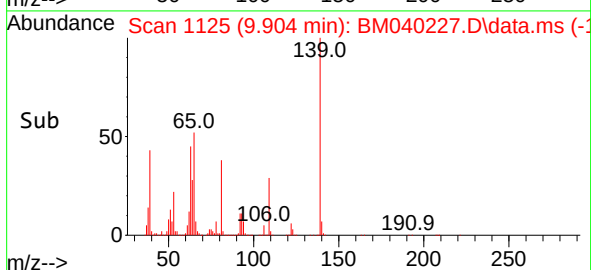
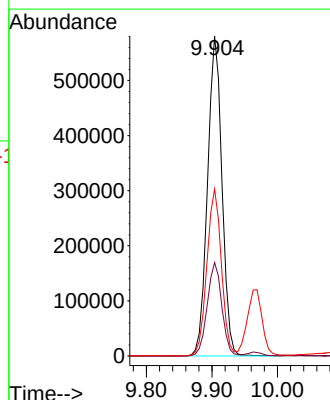
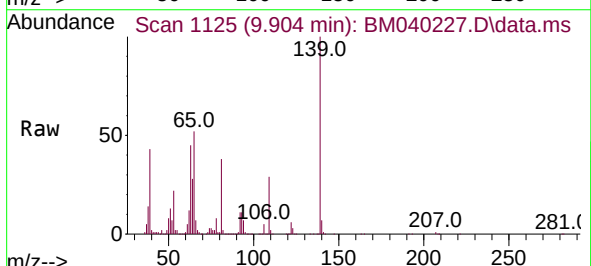
Tgt Ion:139 Resp: 890806

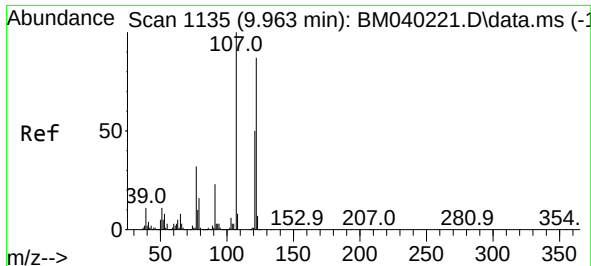
Ion Ratio Lower Upper

139 100

109 29.2 23.9 35.9

65 52.1 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 51.474 ng

RT: 9.969 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BM040227.D

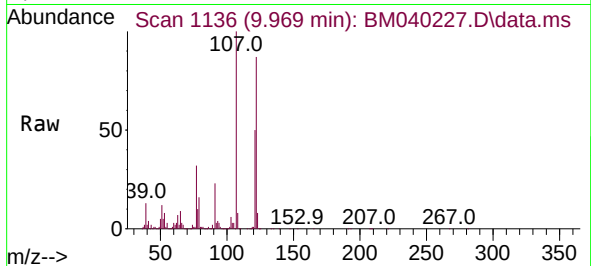
Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS



Tgt Ion:122 Resp: 175054

Ion Ratio Lower Upper

122 100

107 114.8 91.9 137.9

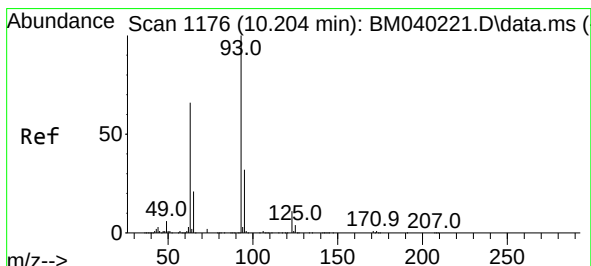
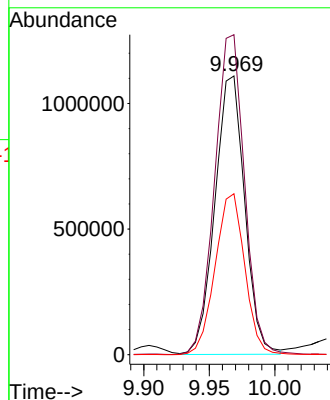
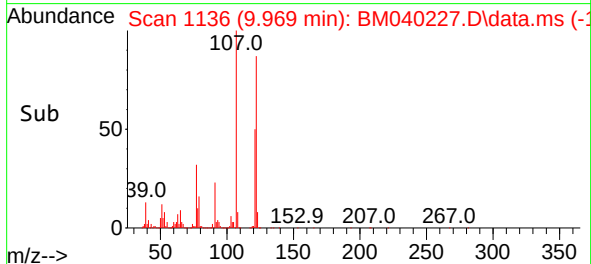
121 57.7 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.667 ng

RT: 10.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

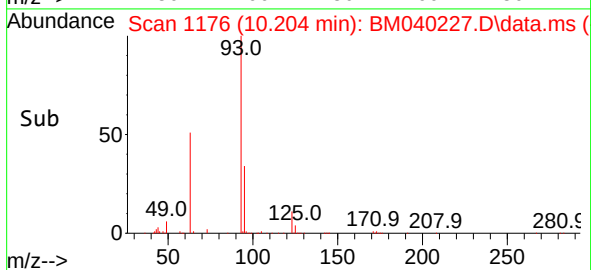
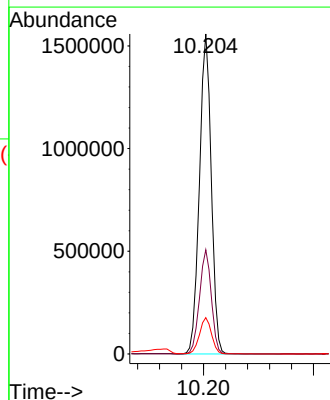
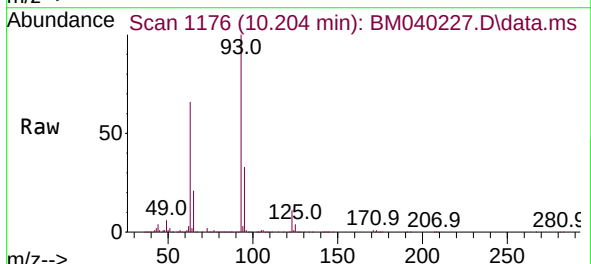
Tgt Ion: 93 Resp: 2325491

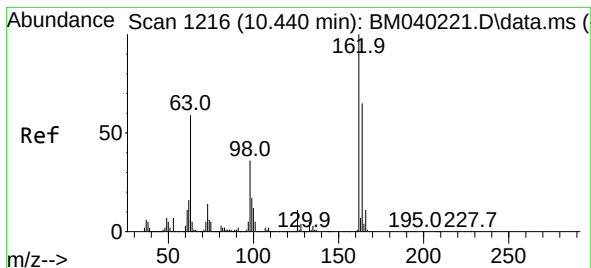
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

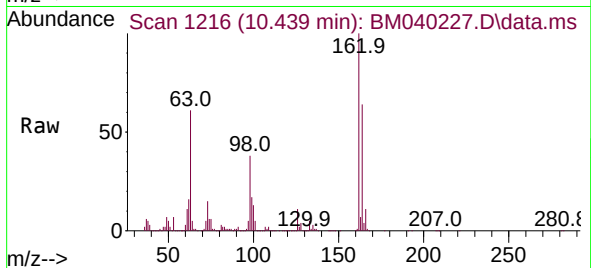
123 11.4 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 51.042 ng
RT: 10.439 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

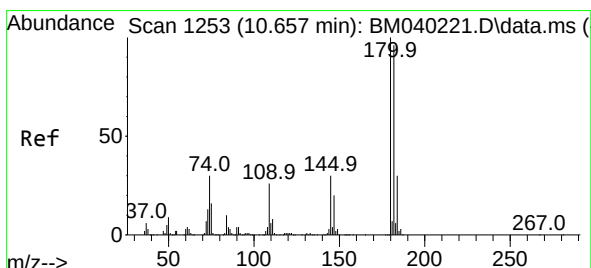
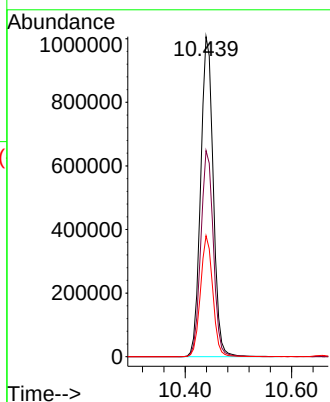
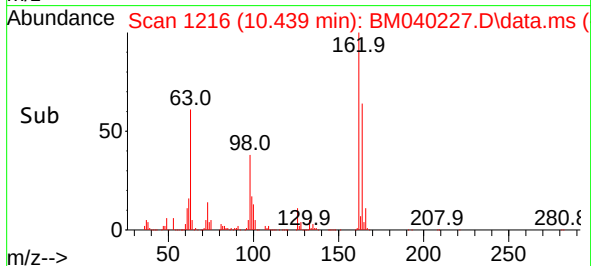
Instrument :
BNA_M
ClientSampleId :
PB153264BS



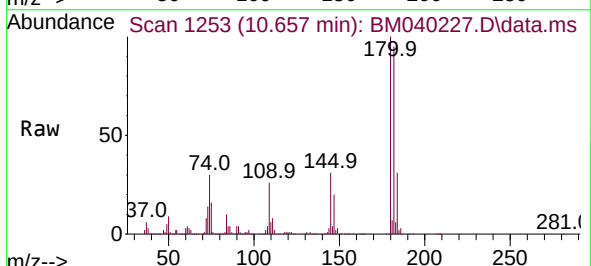
Tgt Ion:162 Resp: 164449
Ion Ratio Lower Upper
162 100
164 64.4 44.5 84.5
98 37.8 16.1 56.1

Manual Integrations
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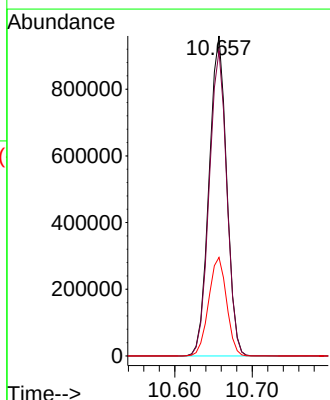
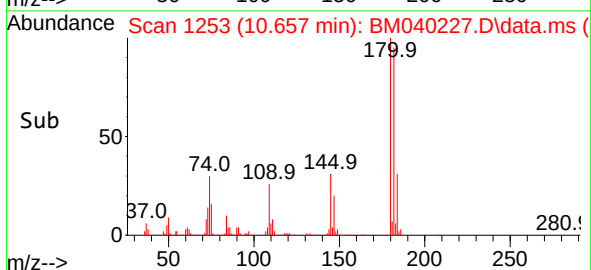
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

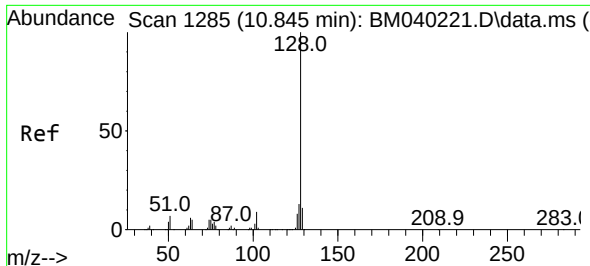


#30
1,2,4-Trichlorobenzene
Concen: 46.026 ng
RT: 10.657 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



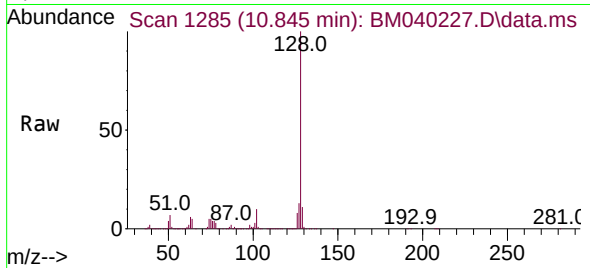
Tgt Ion:180 Resp: 1511174
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 30.8 24.3 36.5





#31
Naphthalene
Concen: 44.690 ng
RT: 10.845 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

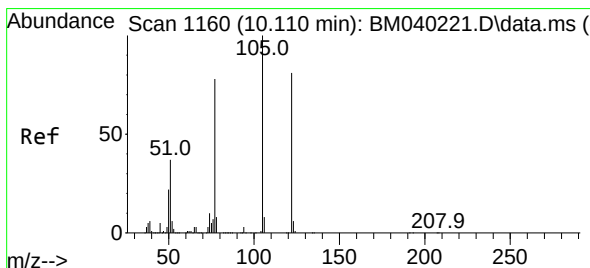
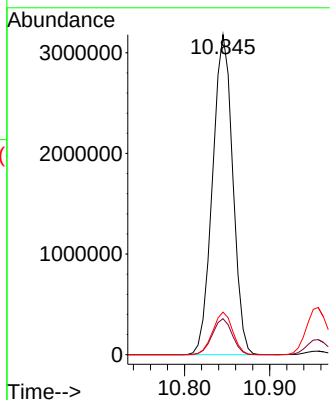
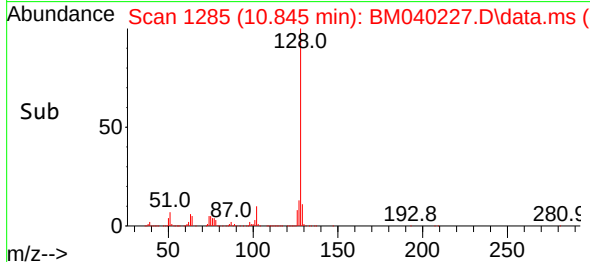
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:128 Resp: 5242304
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.4 15.6

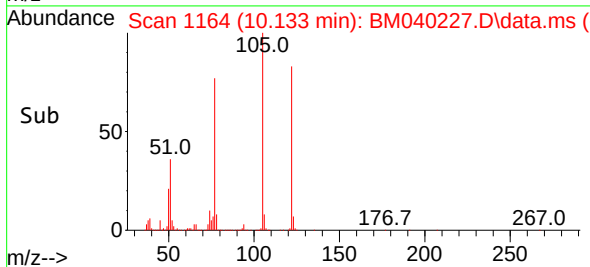
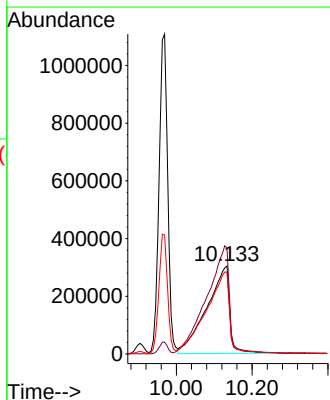
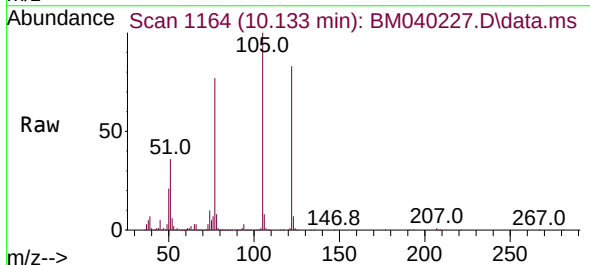
Manual Integrations
APPROVED

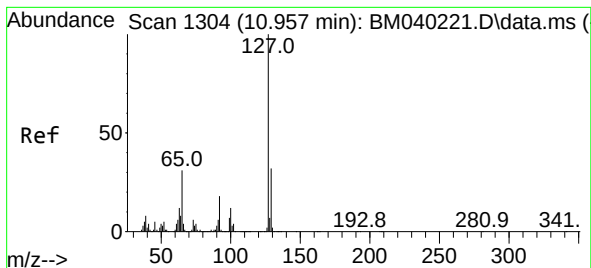
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzoic acid
Concen: 47.577 ng
RT: 10.133 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Tgt Ion:122 Resp: 1276022
Ion Ratio Lower Upper
122 100
105 120.1 100.4 140.4
77 92.9 75.0 115.0





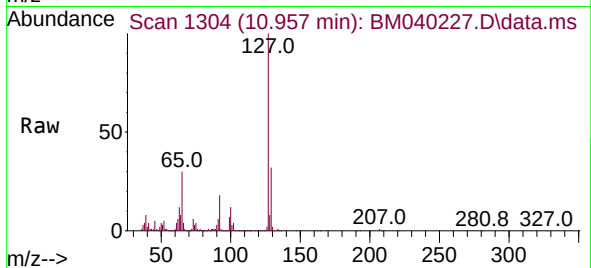
#33
4-Chloroaniline
Concen: 16.813 ng
RT: 10.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

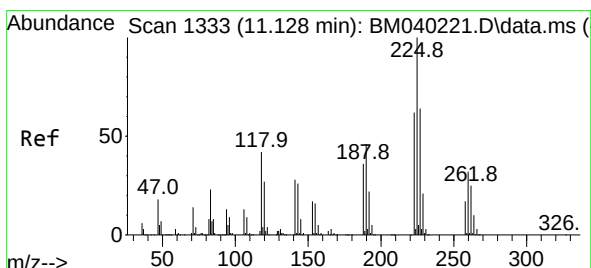
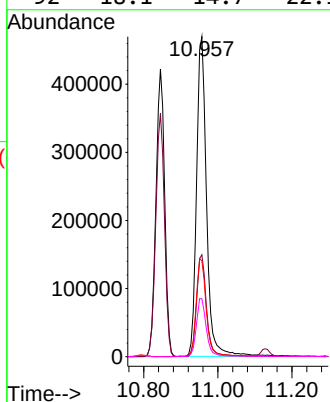
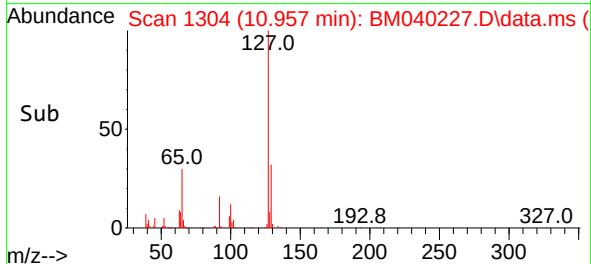


Tgt Ion:127 Resp: 882170
Ion Ratio Lower Upper
127 100
129 31.8 25.7 38.5
65 30.0 24.6 36.8
92 18.1 14.7 22.1

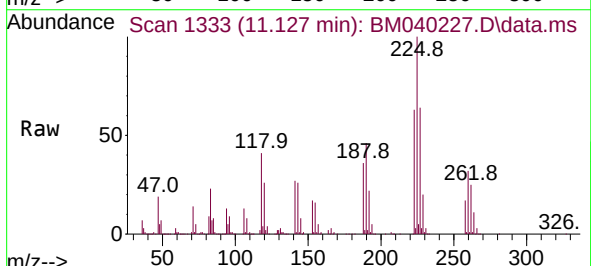
Manual Integrations

APPROVED

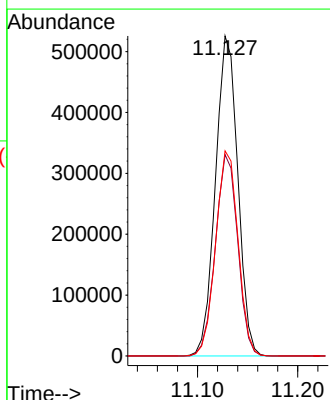
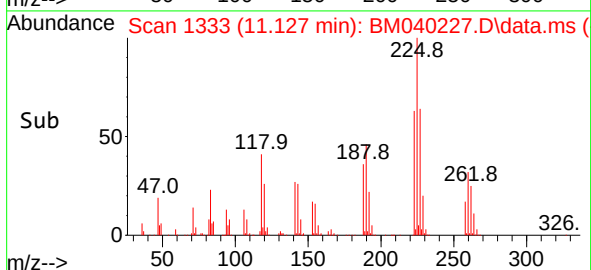
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

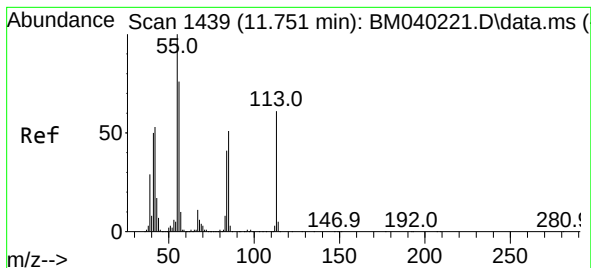


#34
Hexachlorobutadiene
Concen: 44.042 ng
RT: 11.127 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



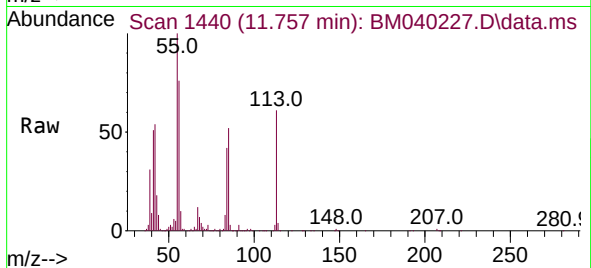
Tgt Ion:225 Resp: 812914
Ion Ratio Lower Upper
225 100
223 62.9 49.5 74.3
227 64.1 51.1 76.7





#35
Caprolactam
Concen: 46.656 ng m
RT: 11.757 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

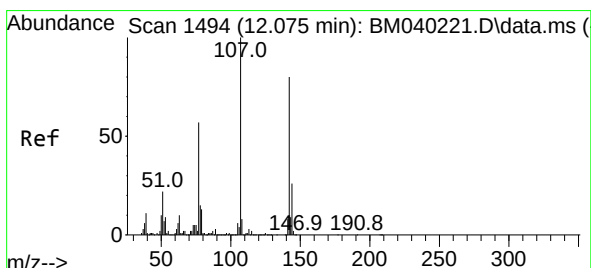
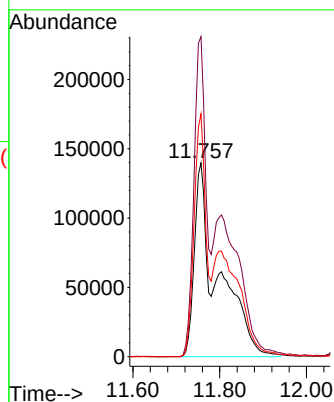
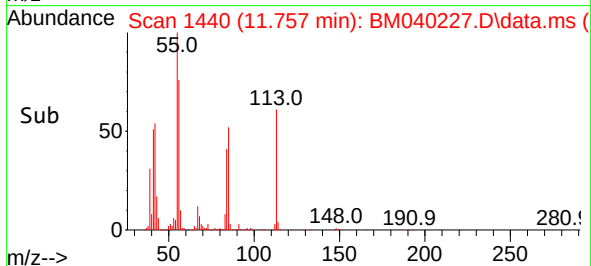
Instrument :
BNA_M
ClientSampleId :
PB153264BS



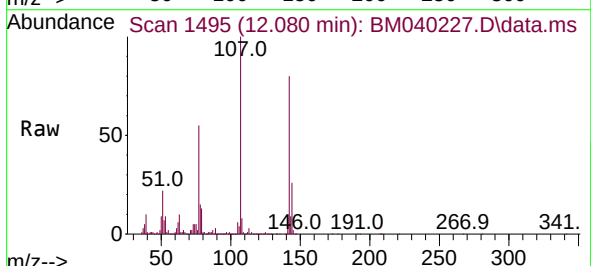
Tgt Ion:113 Resp: 52384
Ion Ratio Lower Upper
113 100
55 165.2 144.6 184.6
56 125.3 105.5 145.5

Manual Integrations
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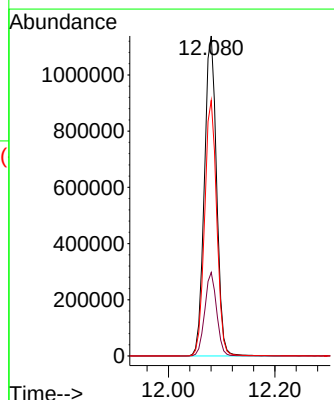
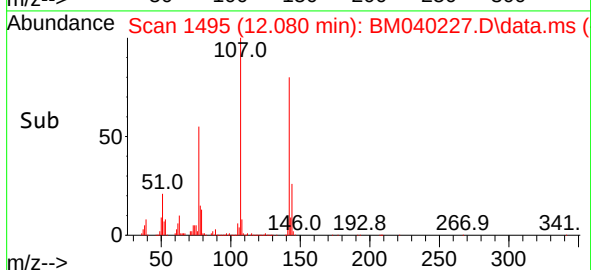
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

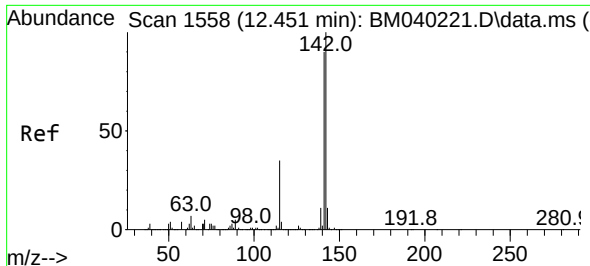


#36
4-Chloro-3-methylphenol
Concen: 48.318 ng
RT: 12.080 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



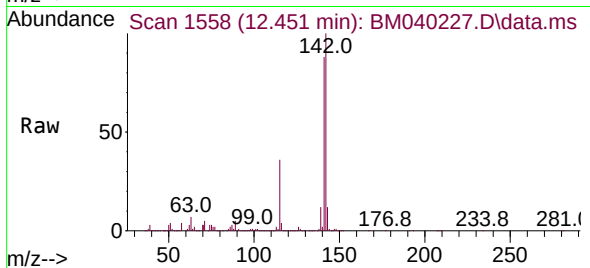
Tgt Ion:107 Resp: 1805752
Ion Ratio Lower Upper
107 100
144 26.1 20.7 31.1
142 79.9 64.2 96.2





#37
2-Methylnaphthalene
Concen: 43.359 ng
RT: 12.451 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

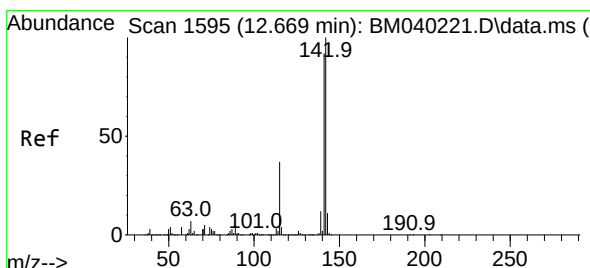
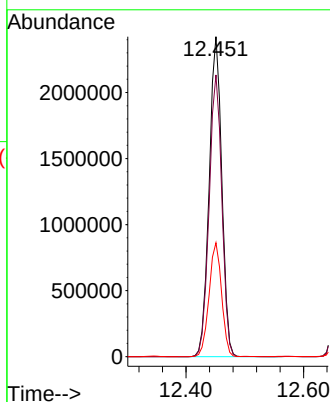
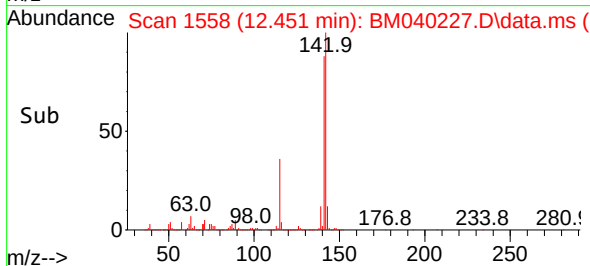
Instrument :
BNA_M
ClientSampleId :
PB153264BS



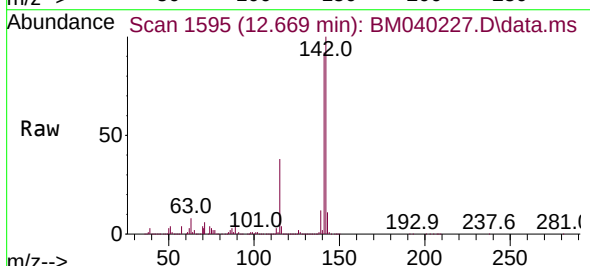
Tgt Ion:142 Resp: 360594
Ion Ratio Lower Upper
142 100
141 88.0 71.8 107.8
115 35.6 28.4 42.6

Manual Integrations
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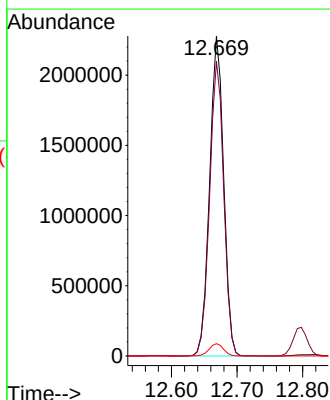
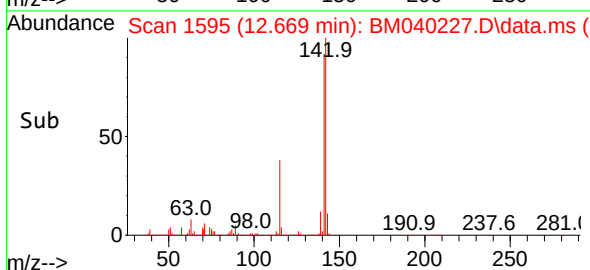
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

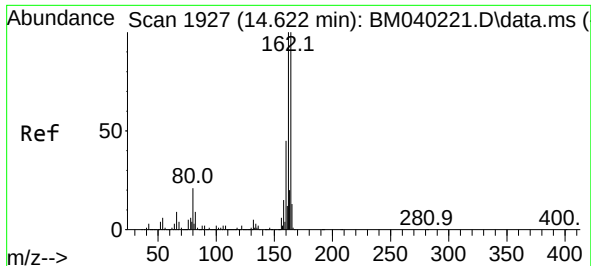


#38
1-Methylnaphthalene
Concen: 43.132 ng
RT: 12.669 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



Tgt Ion:142 Resp: 3387949
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8
116 3.9 3.1 4.7





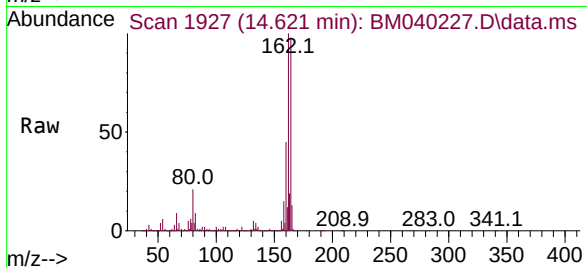
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

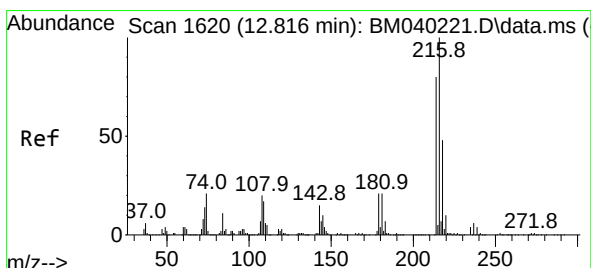
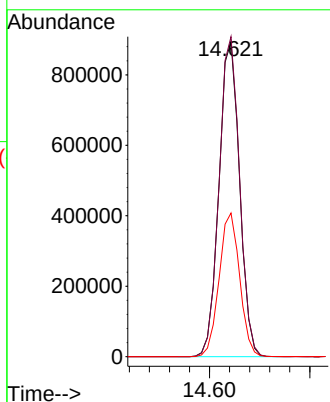
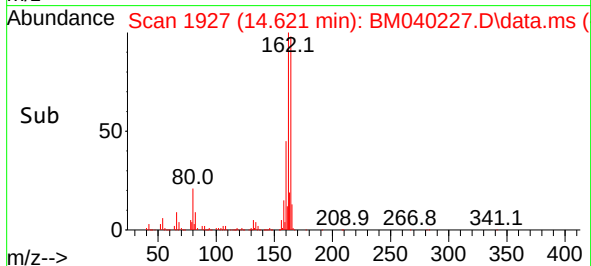


Tgt Ion:164 Resp: 127193
Ion Ratio Lower Upper
164 100
162 101.5 79.9 119.9
160 45.6 36.2 54.2

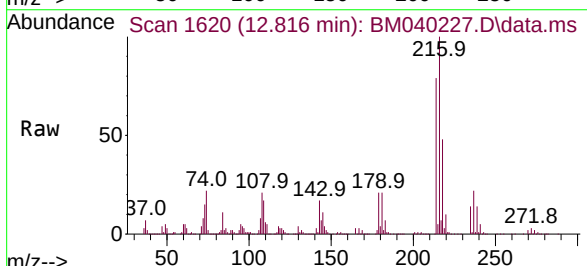
Manual Integrations

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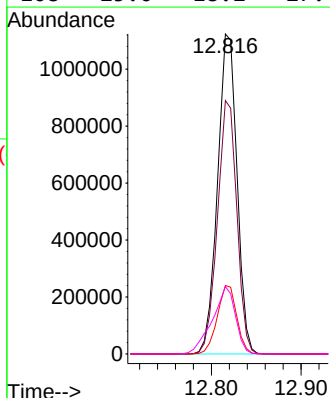
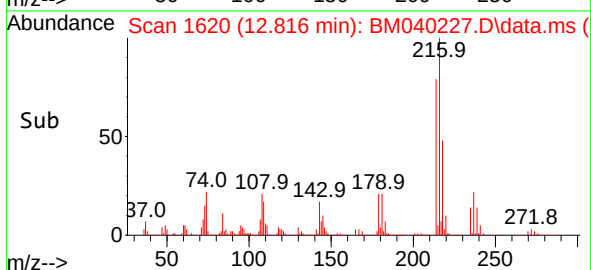
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

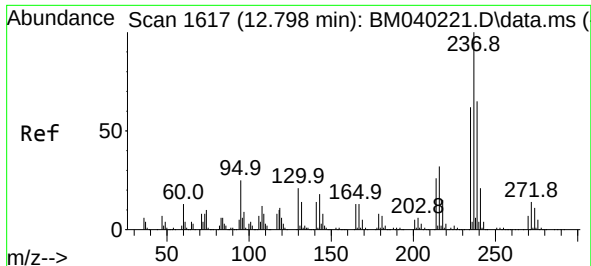


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.793 ng
RT: 12.816 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



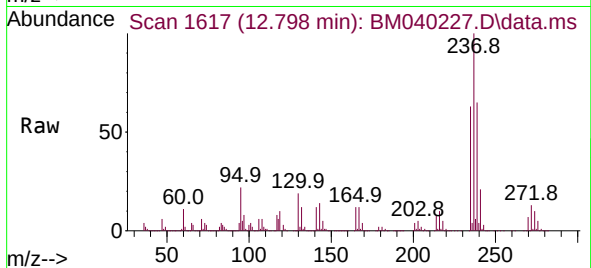
Tgt Ion:216 Resp: 1690363
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 21.4 17.3 25.9
108 25.0 18.2 27.4





#41
Hexachlorocyclopentadiene
Concen: 119.831 ng
RT: 12.798 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

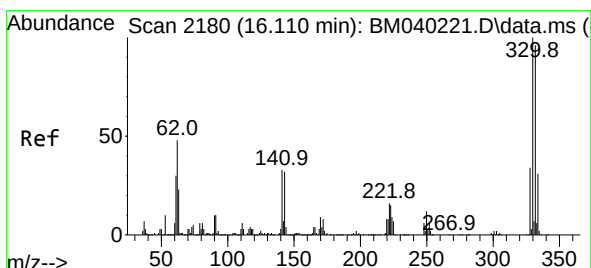
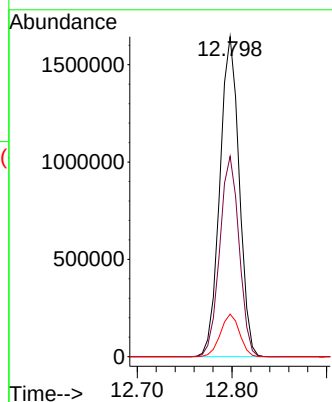
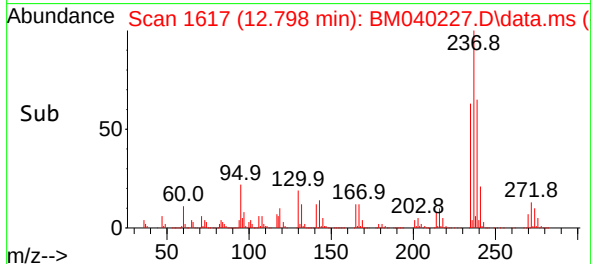
Instrument :
BNA_M
ClientSampleId :
PB153264BS



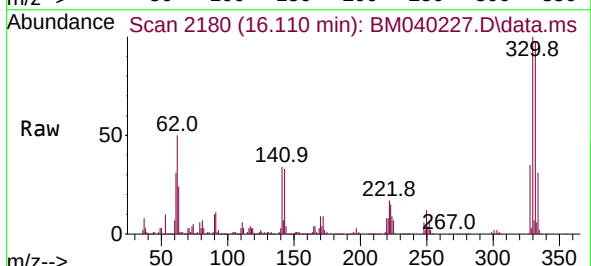
Tgt Ion:237 Resp: 233140
Ion Ratio Lower Upper
237 100
235 62.6 42.1 82.1
272 13.3 0.0 33.7

Manual Integrations
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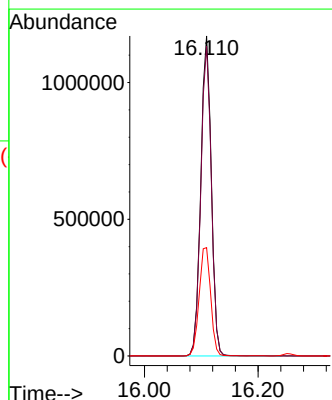
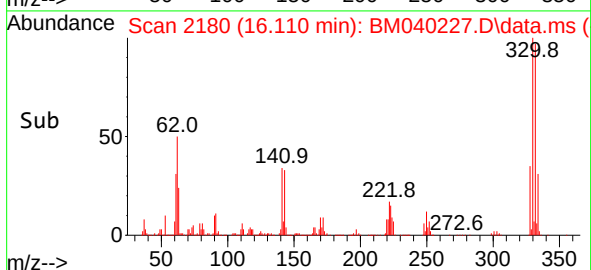
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

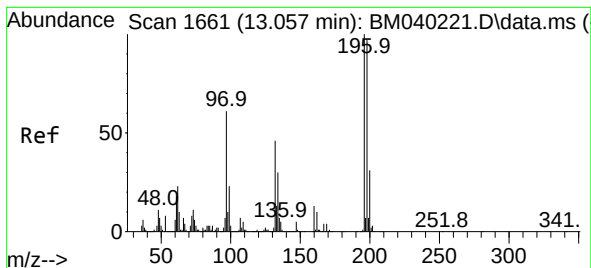


#42
2,4,6-Tribromophenol
Concen: 84.890 ng
RT: 16.110 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



Tgt Ion:330 Resp: 1506257
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 37.2 30.0 45.0





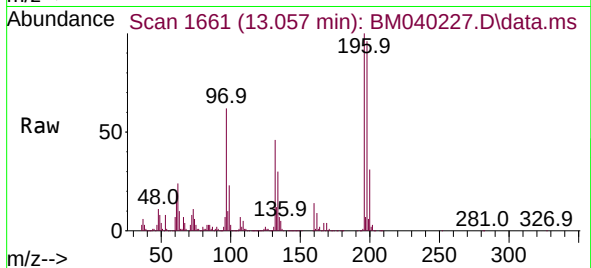
#43
2,4,6-Trichlorophenol
Concen: 49.602 ng
RT: 13.057 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS



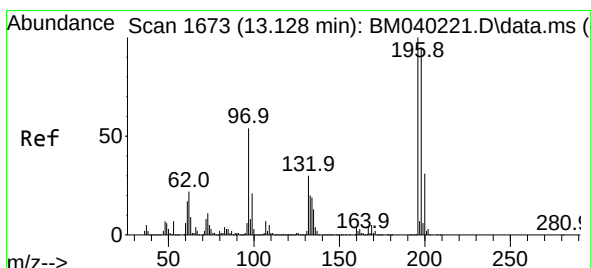
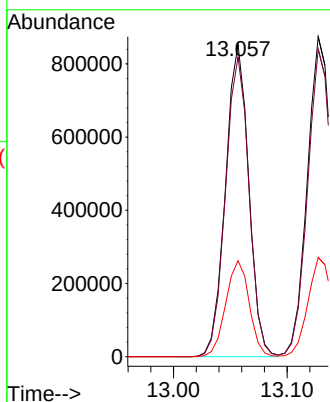
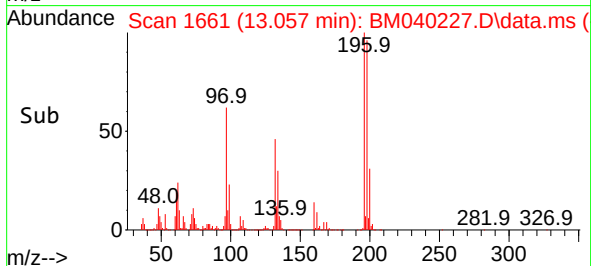
Tgt Ion:196 Resp: 1216570
Ion Ratio Lower Upper
196 100
198 96.0 77.8 116.8
200 30.8 24.9 37.3

Manual Integrations

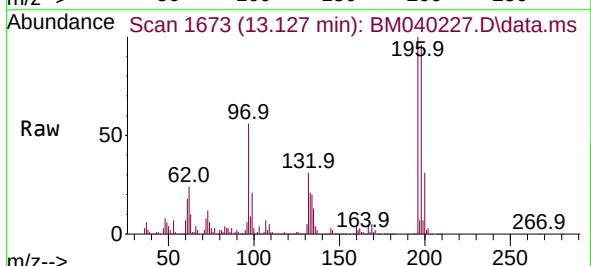
APPROVED

Reviewed By :Yogesh Patel 06/14/2023

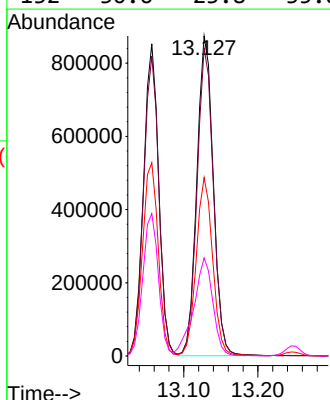
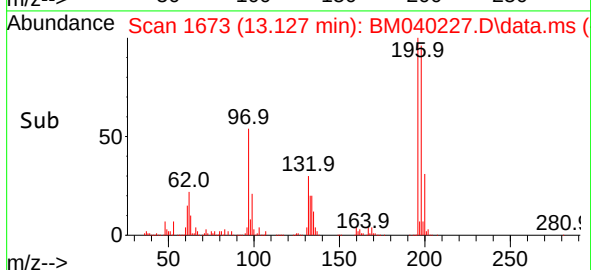
Supervised By :mohammad ahmed 06/16/2023

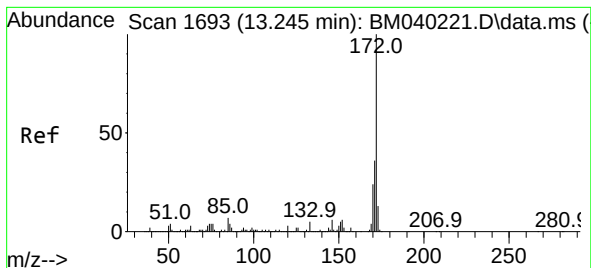


#44
2,4,5-Trichlorophenol
Concen: 46.260 ng
RT: 13.127 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



Tgt Ion:196 Resp: 1351581
Ion Ratio Lower Upper
196 100
198 96.2 75.9 113.9
97 55.8 43.0 64.6
132 30.6 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 90.690 ng

RT: 13.251 min Scan# 1693

Delta R.T. 0.006 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Tgt Ion:172 Resp: 8403789

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

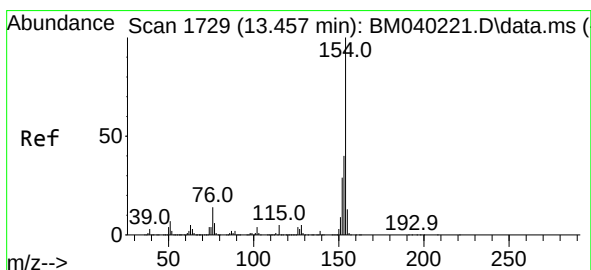
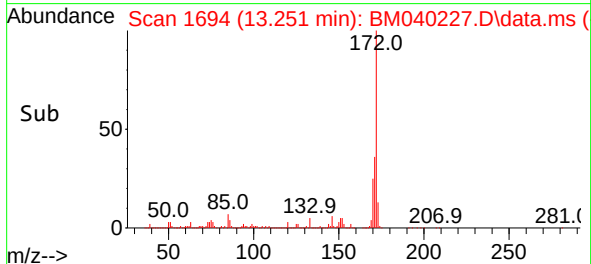
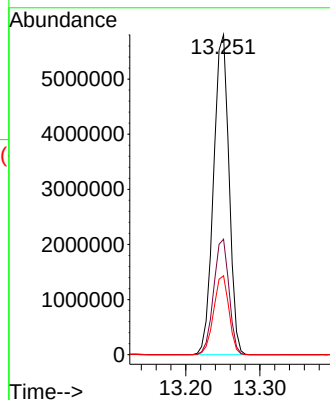
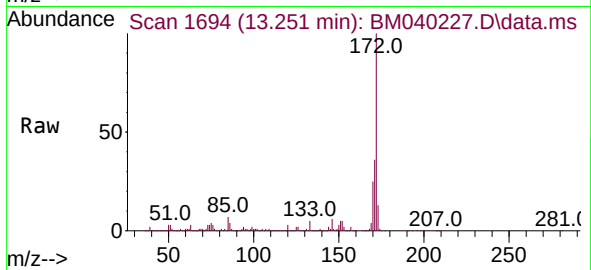
170 24.6 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#46

1,1'-Biphenyl

Concen: 46.963 ng

RT: 13.457 min Scan# 1729

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

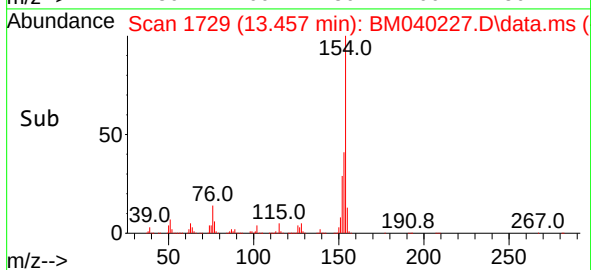
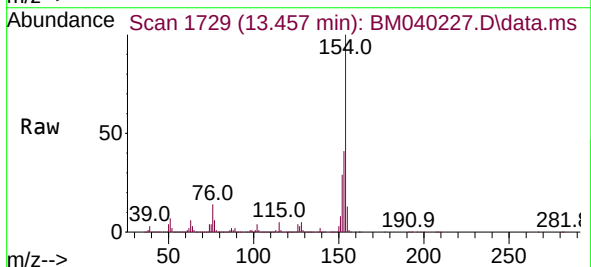
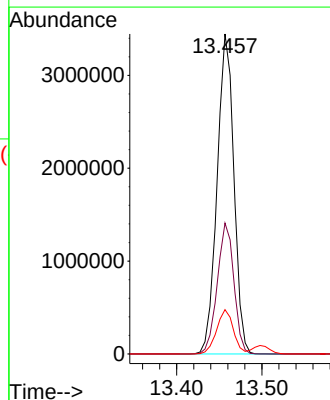
Tgt Ion:154 Resp: 4714887

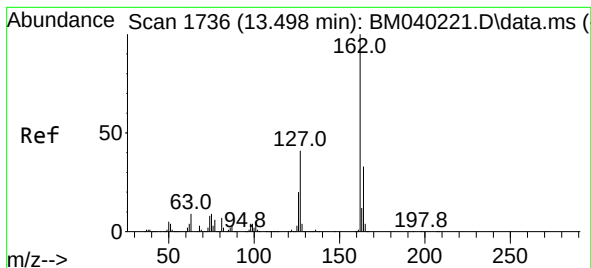
Ion Ratio Lower Upper

154 100

153 40.9 20.5 60.5

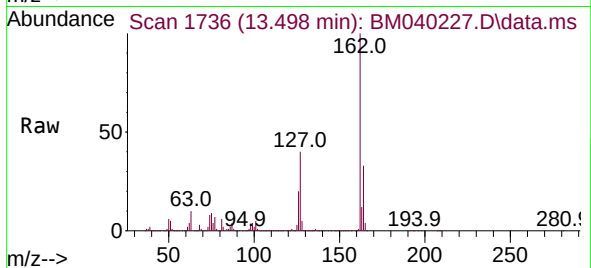
76 13.9 0.0 33.7





#47
2-Chloronaphthalene
Concen: 47.743 ng
RT: 13.498 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

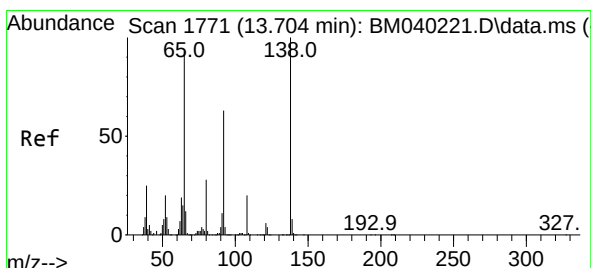
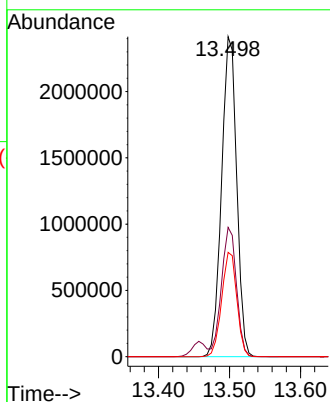
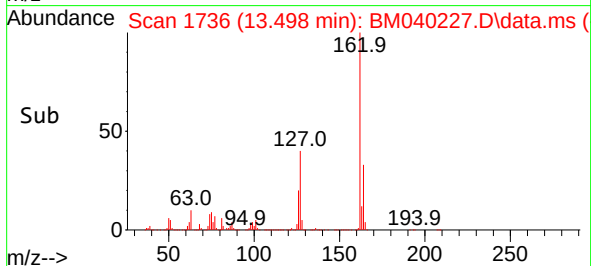
Instrument :
BNA_M
ClientSampleId :
PB153264BS



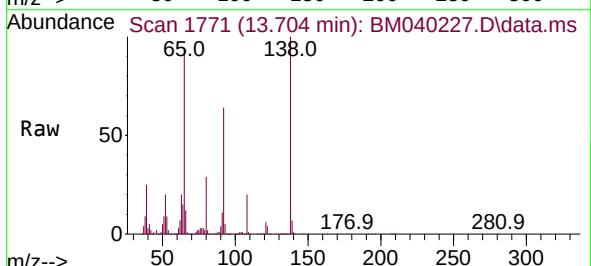
Tgt Ion:162 Resp: 3549619
Ion Ratio Lower Upper
162 100
127 40.4 32.7 49.1
164 32.6 26.6 40.0

Manual Integrations
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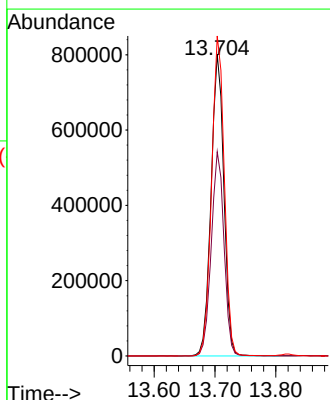
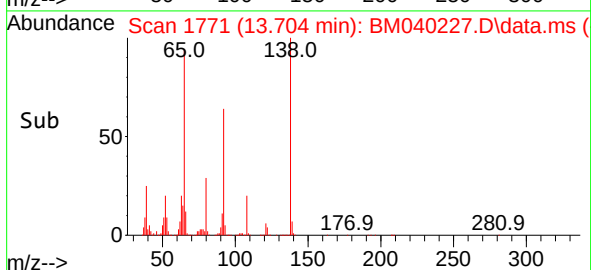
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

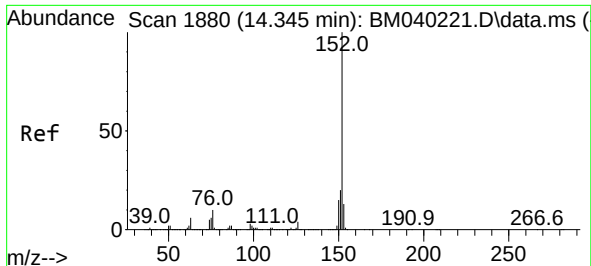


#48
2-Nitroaniline
Concen: 47.768 ng
RT: 13.704 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



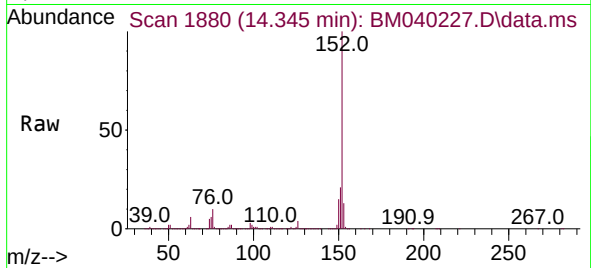
Tgt Ion: 65 Resp: 1170763
Ion Ratio Lower Upper
65 100
92 67.7 54.1 81.1
138 106.1 86.0 129.0





#49
Acenaphthylene
Concen: 46.105 ng
RT: 14.345 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

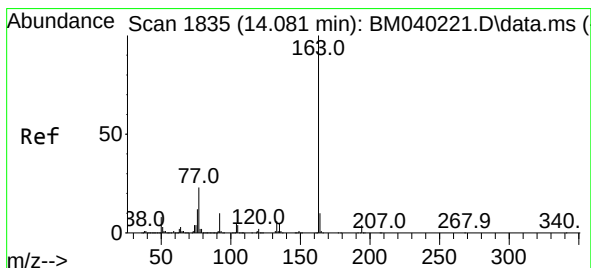
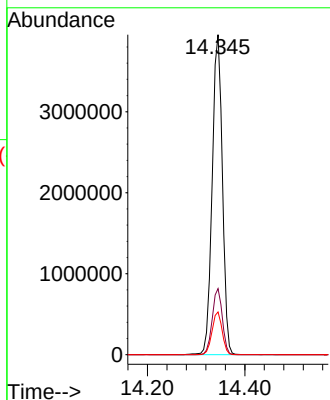
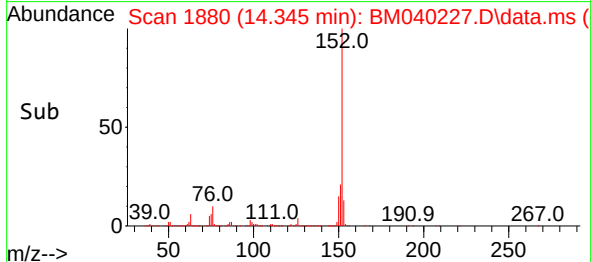
Instrument :
BNA_M
ClientSampleId :
PB153264BS



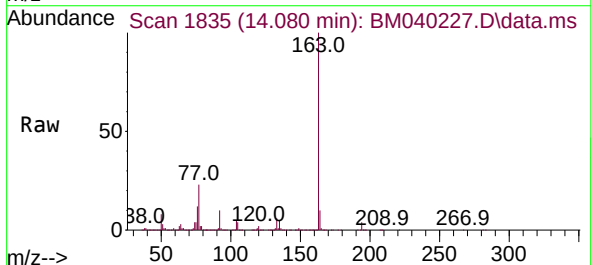
Tgt Ion:152 Resp: 5717830
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.4 10.6 15.8

Manual Integrations
APPROVED

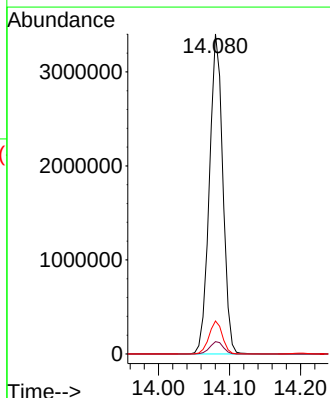
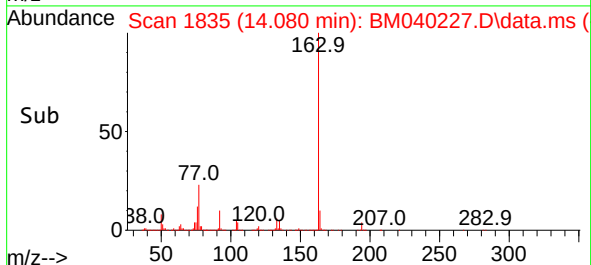
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

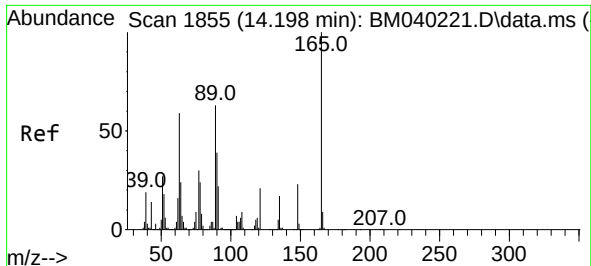


#50
Dimethylphthalate
Concen: 44.140 ng
RT: 14.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



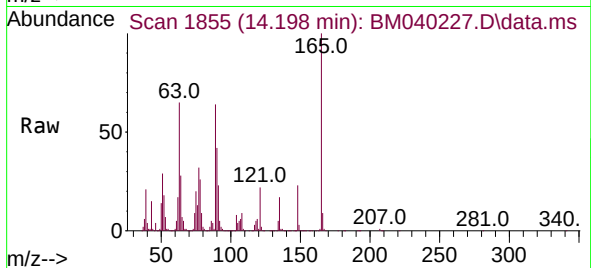
Tgt Ion:163 Resp: 4467588
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.188 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

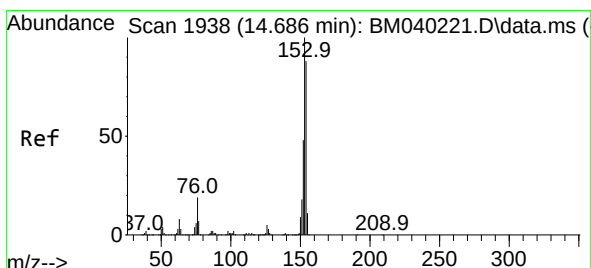
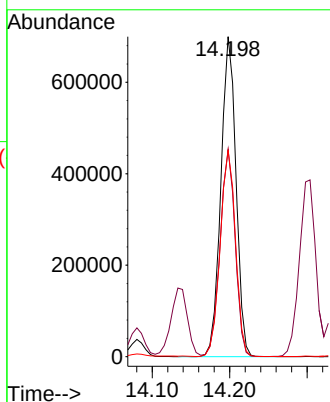
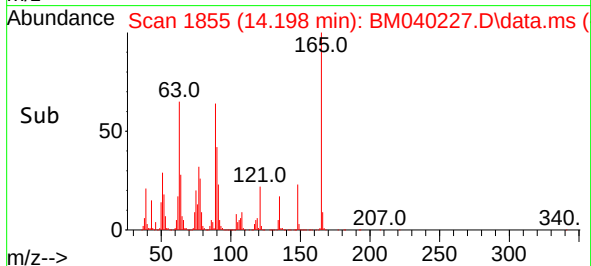
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:165 Resp: 951198
Ion Ratio Lower Upper
165 100
63 64.7 49.8 74.8
89 64.4 50.2 75.4

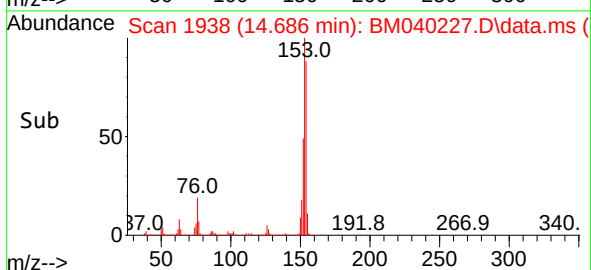
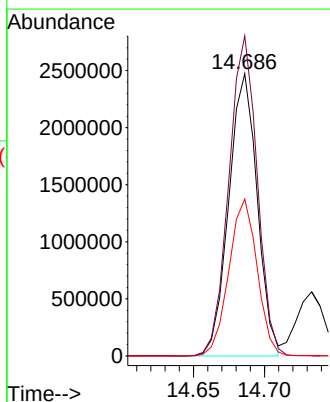
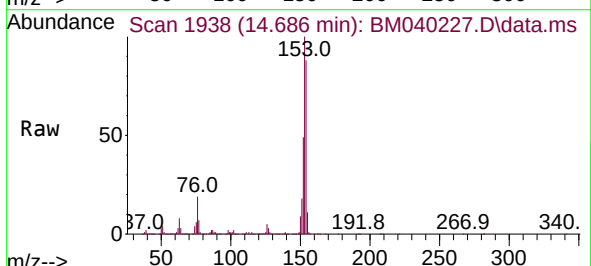
Manual Integrations
APPROVED

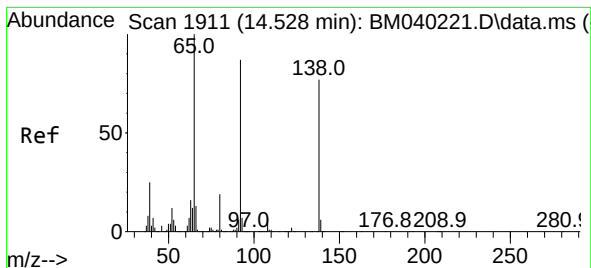
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 45.537 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

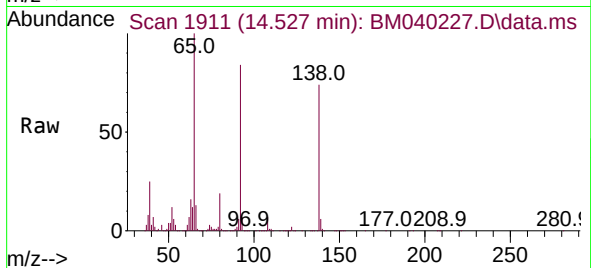
Tgt Ion:154 Resp: 3445432
Ion Ratio Lower Upper
154 100
153 113.4 90.9 136.3
152 55.6 43.8 65.8





#53
3-Nitroaniline
Concen: 33.388 ng
RT: 14.527 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

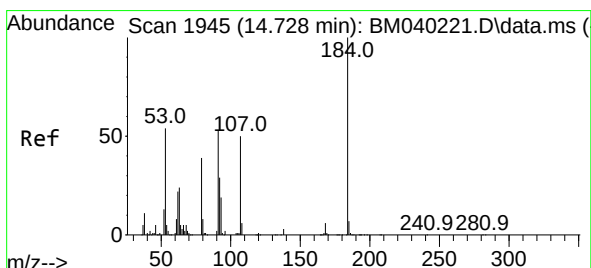
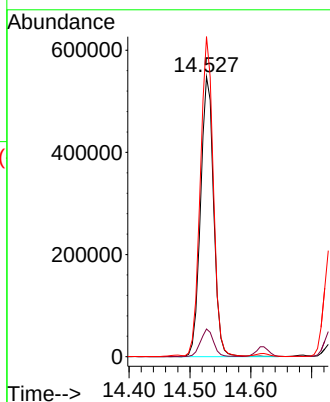
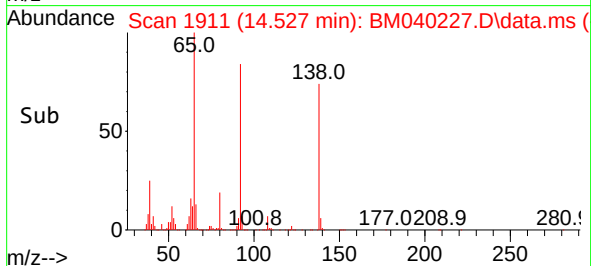
Instrument :
BNA_M
ClientSampleId :
PB153264BS



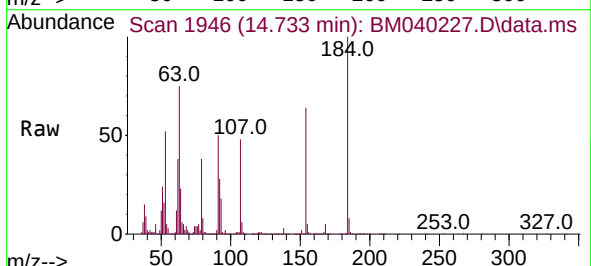
Tgt Ion:138 Resp: 816874
Ion Ratio Lower Upper
138 100
108 9.9 7.7 11.5
92 114.3 90.3 135.5

Manual Integrations
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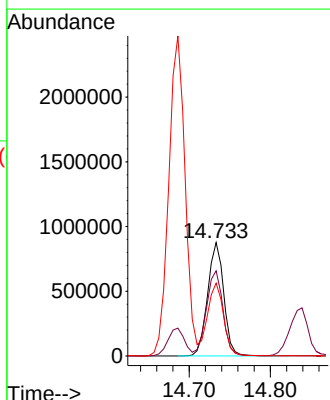
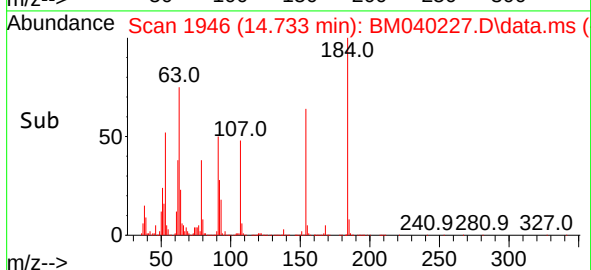
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

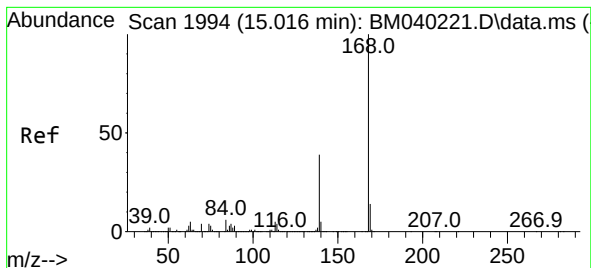


#54
2,4-Dinitrophenol
Concen: 90.866 ng
RT: 14.733 min Scan# 1946
Delta R.T. 0.005 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



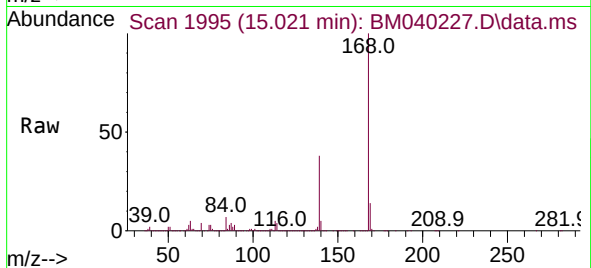
Tgt Ion:184 Resp: 1206166
Ion Ratio Lower Upper
184 100
63 75.1 63.8 95.8
154 64.1 52.6 79.0





#55
Dibenzenofuran
Concen: 44.414 ng
RT: 15.021 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

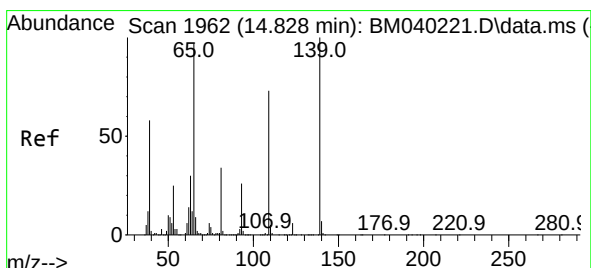
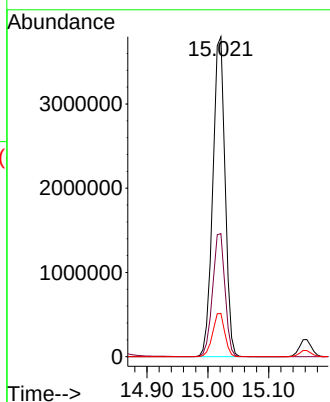
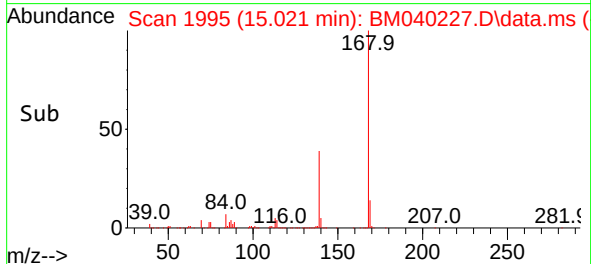
Instrument :
BNA_M
ClientSampleId :
PB153264BS



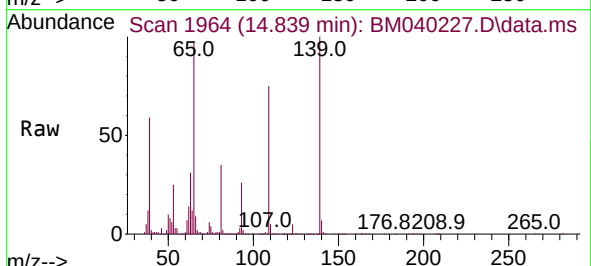
Tgt Ion:168 Resp: 531584
Ion Ratio Lower Upper
168 100
139 38.4 31.2 46.8
169 13.5 10.9 16.3

Manual Integrations
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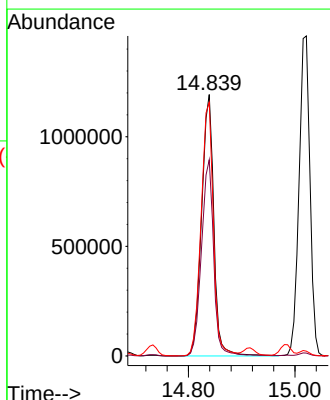
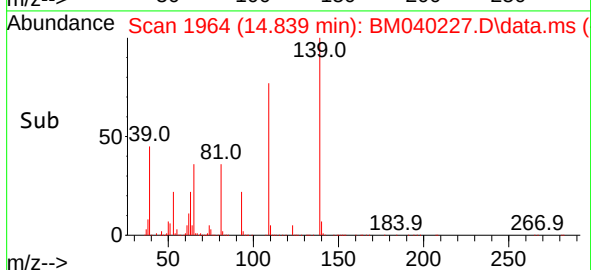
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

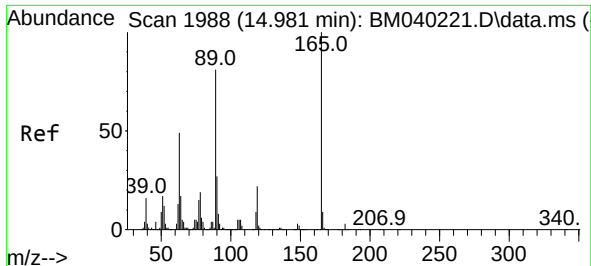


#56
4-Nitrophenol
Concen: 99.116 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.011 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



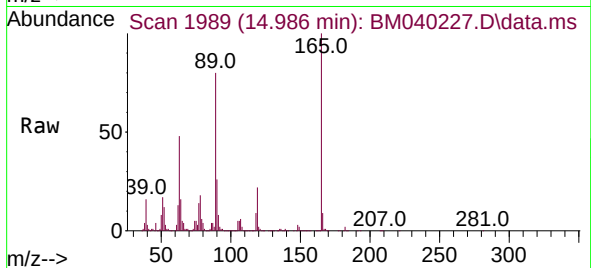
Tgt Ion:139 Resp: 1895445
Ion Ratio Lower Upper
139 100
109 75.0 53.1 93.1
65 97.0 77.4 117.4





#57
2,4-Dinitrotoluene
Concen: 46.682 ng
RT: 14.986 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

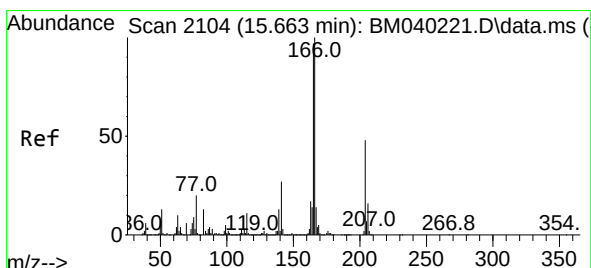
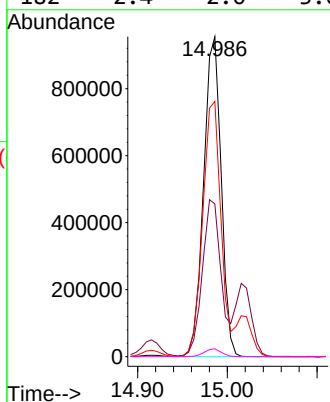
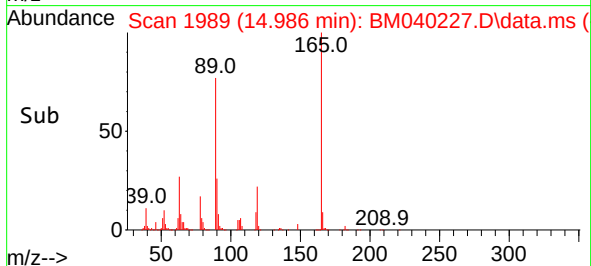
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:165 Resp: 129556
Ion Ratio Lower Upper
165 100
63 47.7 39.0 58.4
89 79.8 64.6 96.8
182 2.4 2.0 3.0

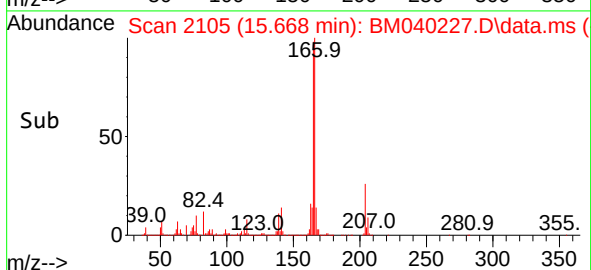
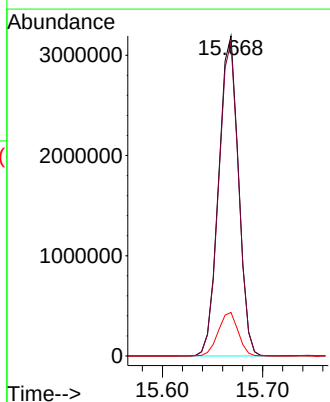
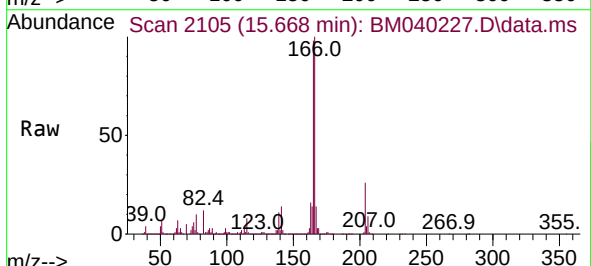
Manual Integrations
APPROVED

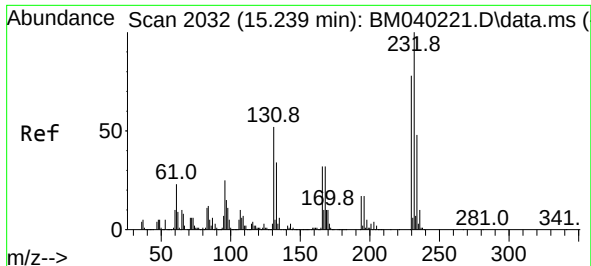
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#58
Fluorene
Concen: 44.914 ng
RT: 15.668 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

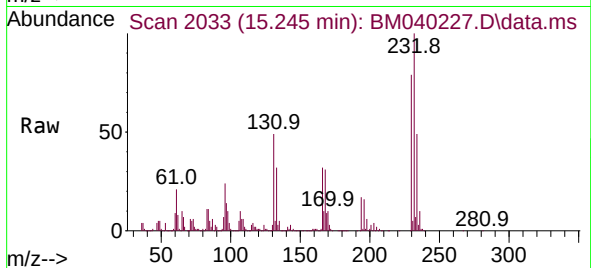
Tgt Ion:166 Resp: 4376767
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.250 ng
RT: 15.245 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

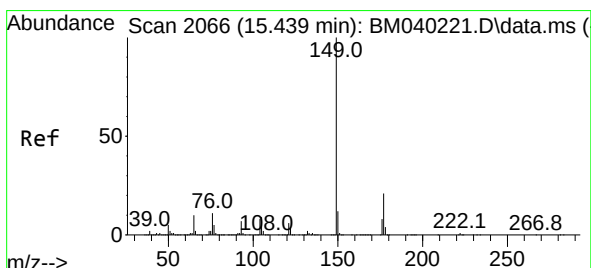
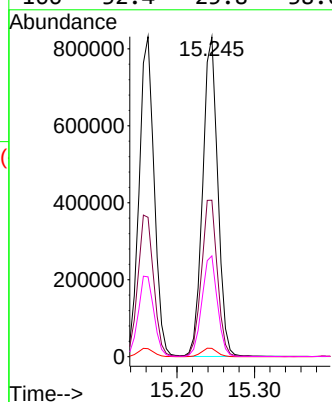
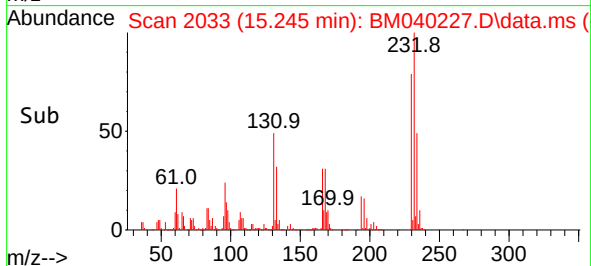
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:232 Resp: 112292
Ion Ratio Lower Upper
232 100
131 51.6 41.9 62.9
130 2.8 2.2 3.2
166 32.4 25.8 38.6

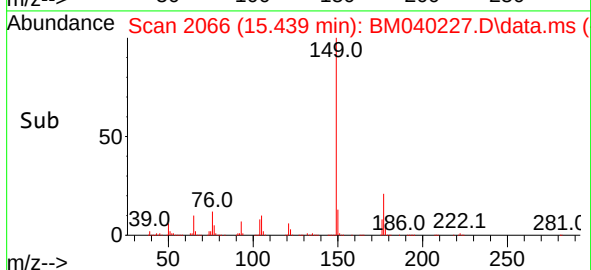
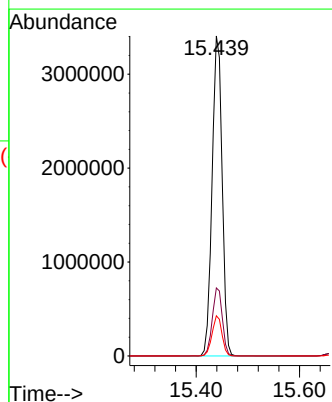
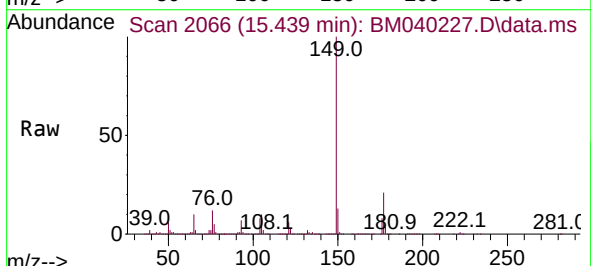
Manual Integrations
APPROVED

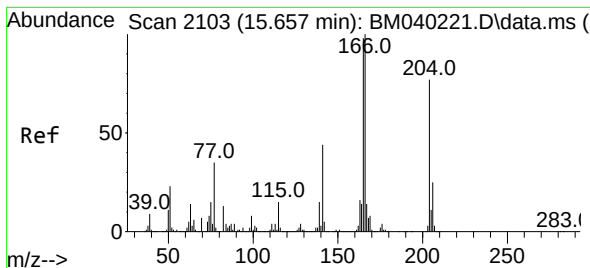
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#60
Diethylphthalate
Concen: 44.111 ng
RT: 15.439 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

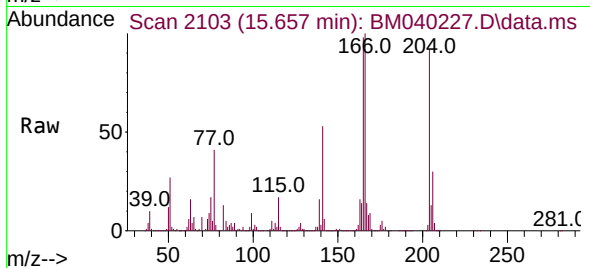
Tgt Ion:149 Resp: 4587497
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.536 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

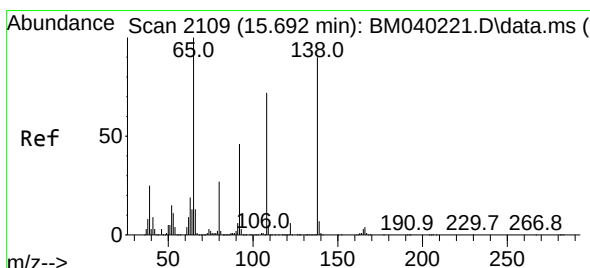
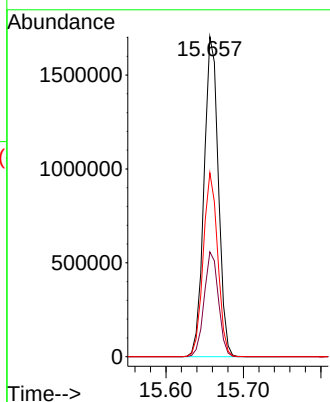
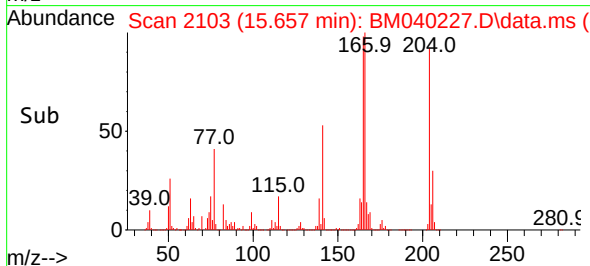
Instrument :
BNA_M
ClientSampleId :
PB153264BS



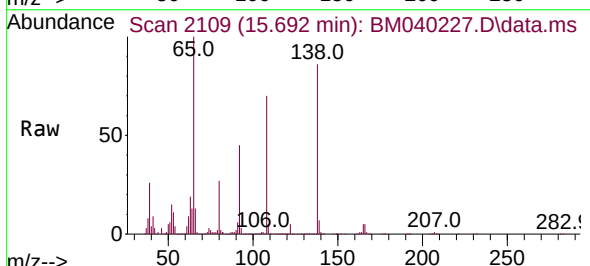
Tgt Ion:204 Resp: 218237
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 57.4 46.4 69.6

Manual Integrations
APPROVED

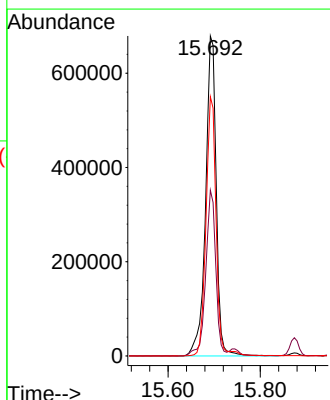
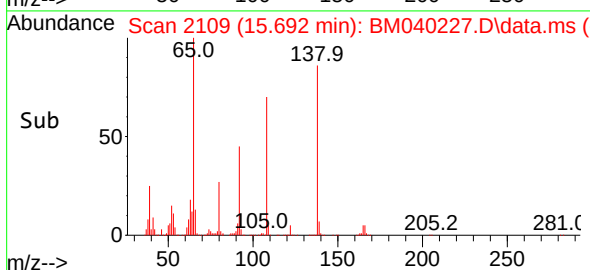
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

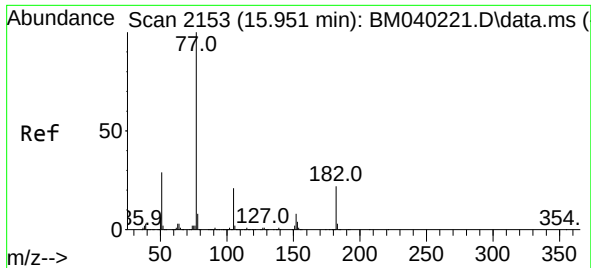


#62
4-Nitroaniline
Concen: 43.674 ng
RT: 15.692 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



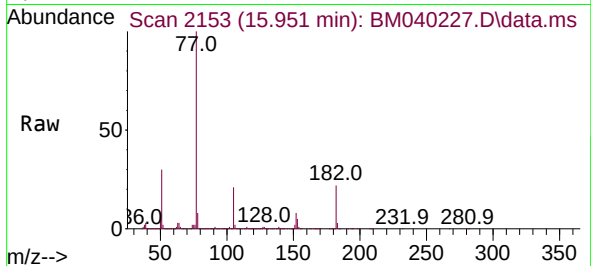
Tgt Ion:138 Resp: 1097988
Ion Ratio Lower Upper
138 100
92 51.8 30.9 70.9
108 81.0 60.7 100.7





#63
Azobenzene
Concen: 45.163 ng
RT: 15.951 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

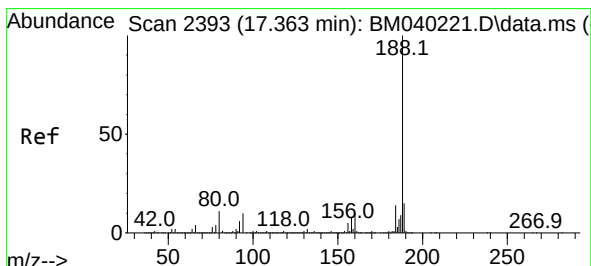
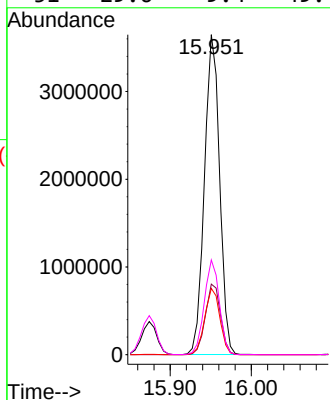
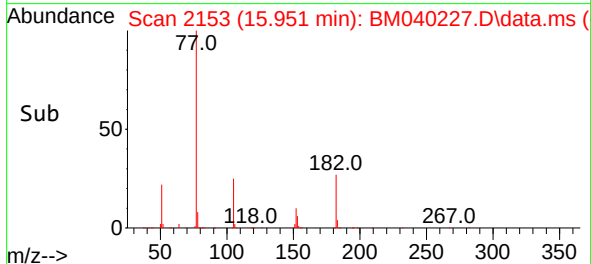
Instrument :
BNA_M
ClientSampleId :
PB153264BS



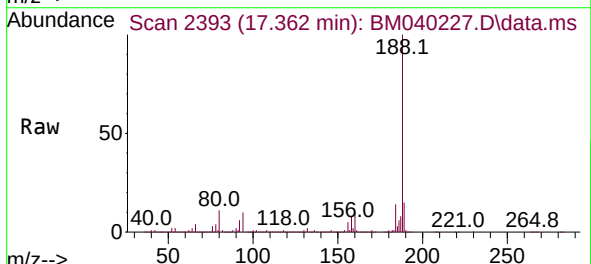
Tgt Ion: 77 Resp: 4716730
Ion Ratio Lower Upper
77 100
182 22.0 2.1 42.1
105 20.7 1.2 41.2
51 29.6 9.4 49.4

Manual Integrations
APPROVED

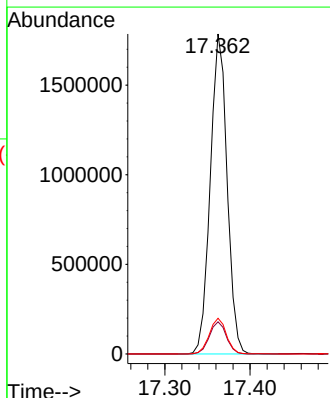
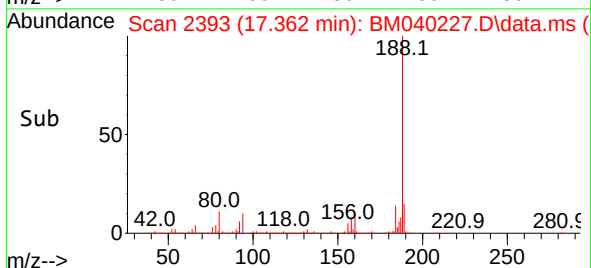
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

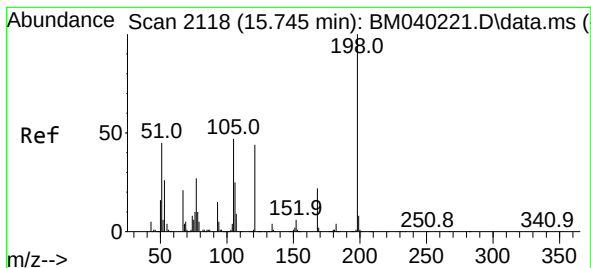


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



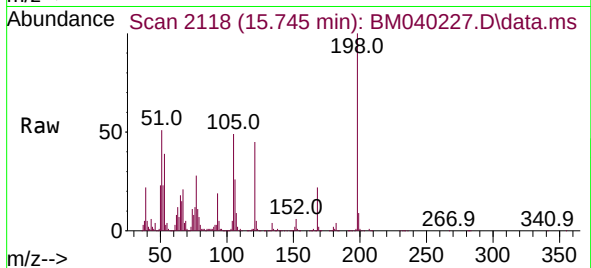
Tgt Ion:188 Resp: 2455897
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 11.2 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.760 ng
RT: 15.745 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

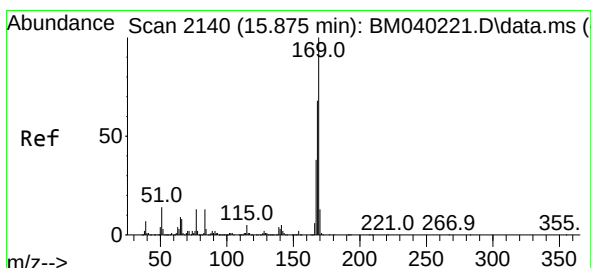
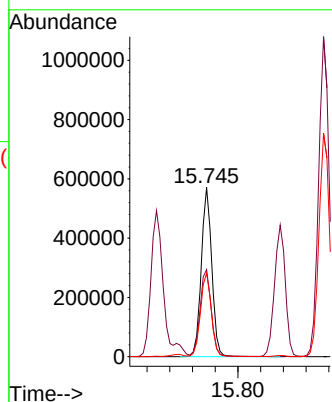
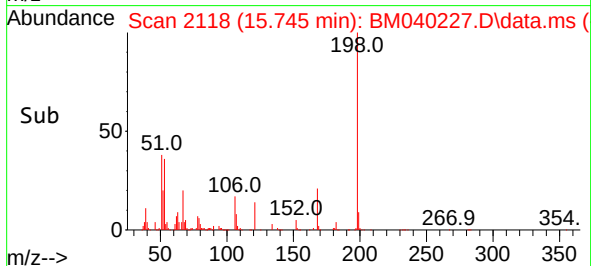
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:198 Resp: 732674
Ion Ratio Lower Upper
198 100
51 51.5 30.9 70.9
105 49.3 28.6 68.6

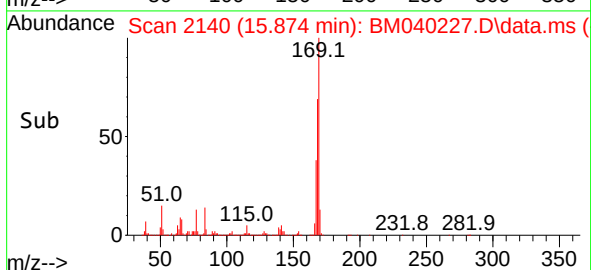
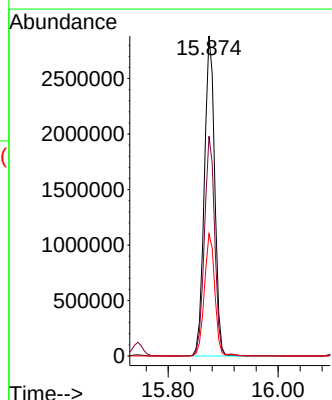
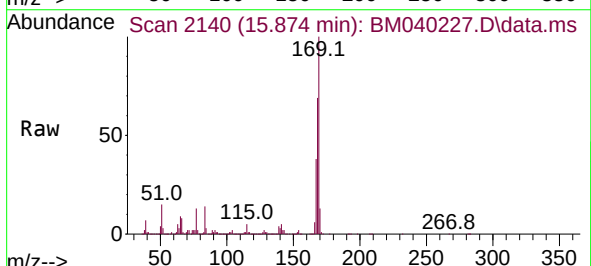
Manual Integrations
APPROVED

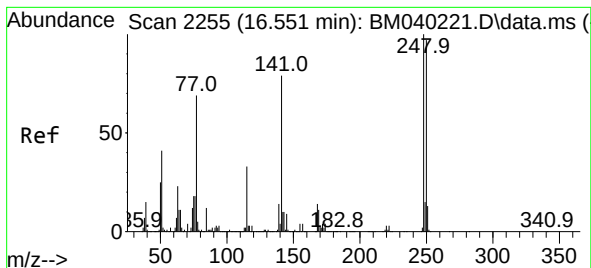
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 48.519 ng
RT: 15.874 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

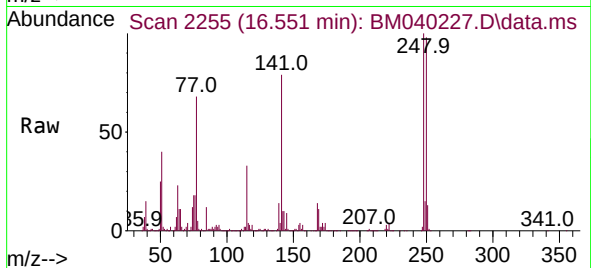
Tgt Ion:169 Resp: 3760209
Ion Ratio Lower Upper
169 100
168 68.6 54.5 81.7
167 38.2 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 47.527 ng
RT: 16.551 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

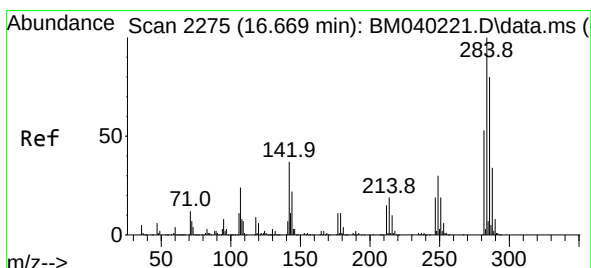
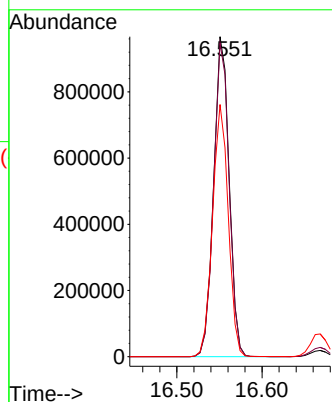
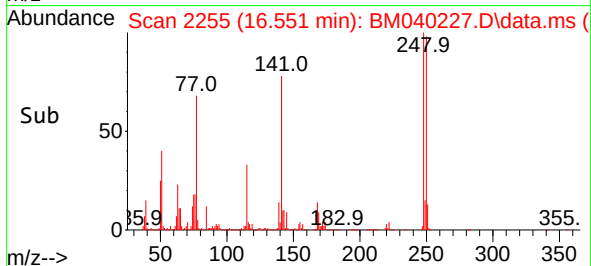
Instrument :
BNA_M
ClientSampleId :
PB153264BS



Tgt Ion:248 Resp: 1221910
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 78.8 63.4 95.0

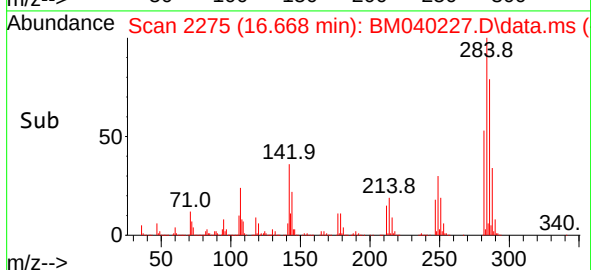
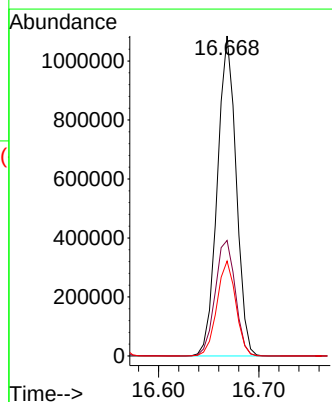
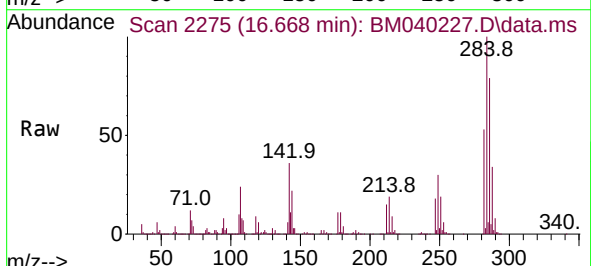
Manual Integrations
APPROVED

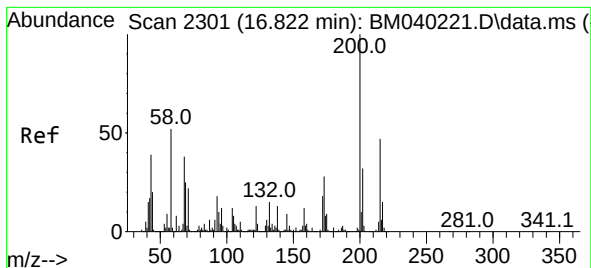
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#68
Hexachlorobenzene
Concen: 49.775 ng
RT: 16.668 min Scan# 2275
Delta R.T. -0.001 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Tgt Ion:284 Resp: 1413606
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 29.6 24.2 36.2





#69

Atrazine

Concen: 47.529 ng

RT: 16.827 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Tgt Ion:200 Resp: 1102378

Ion Ratio Lower Upper

200 100

173 26.6 7.6 47.6

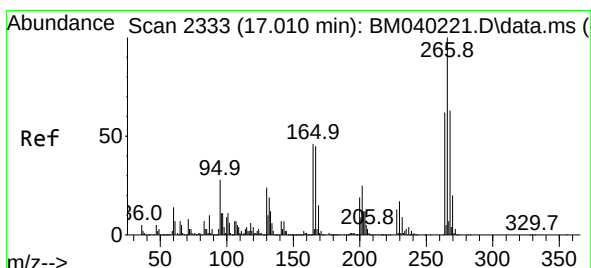
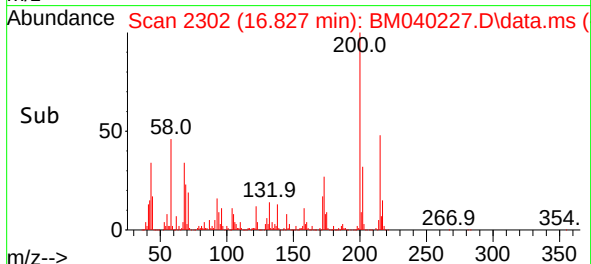
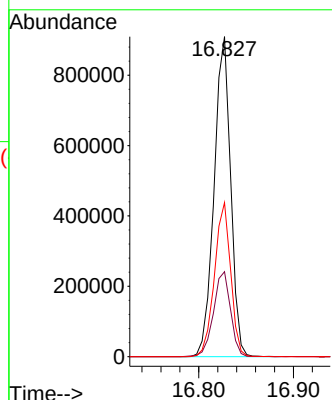
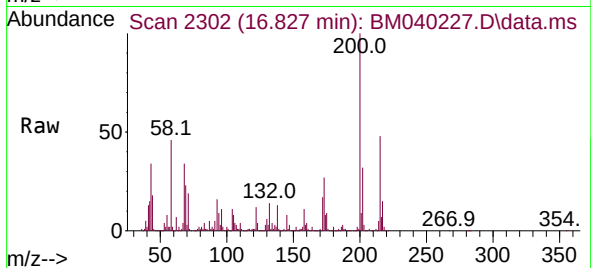
215 48.1 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 94.721 ng

RT: 17.015 min Scan# 2334

Delta R.T. 0.005 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

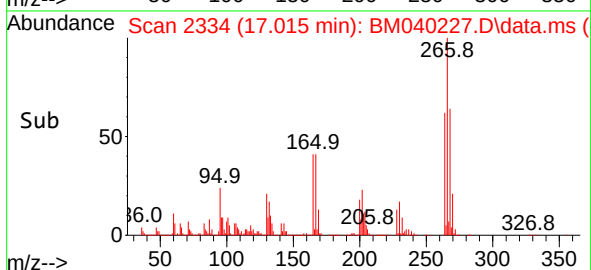
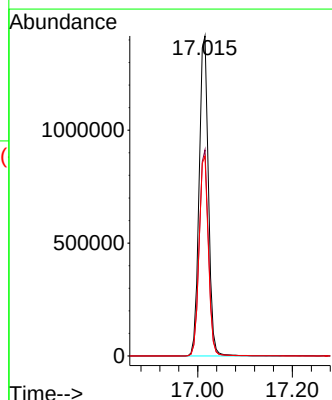
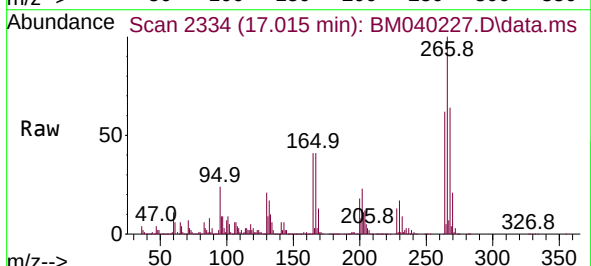
Tgt Ion:266 Resp: 1928648

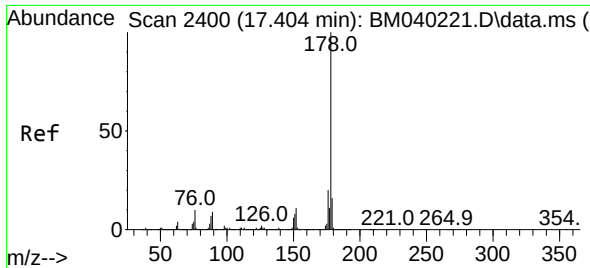
Ion Ratio Lower Upper

266 100

268 64.4 50.6 75.8

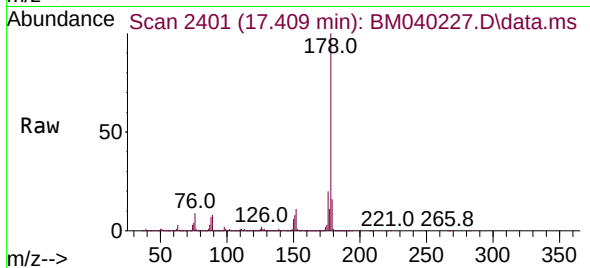
264 62.5 49.8 74.8





#71
Phenanthrene
Concen: 46.893 ng
RT: 17.409 min Scan# 2400
Delta R.T. 0.005 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

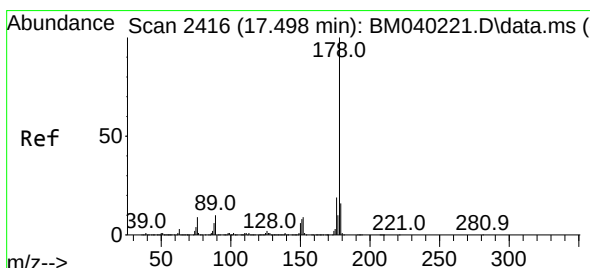
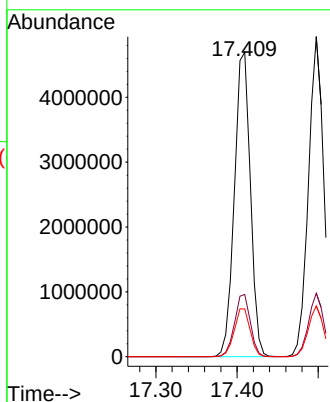
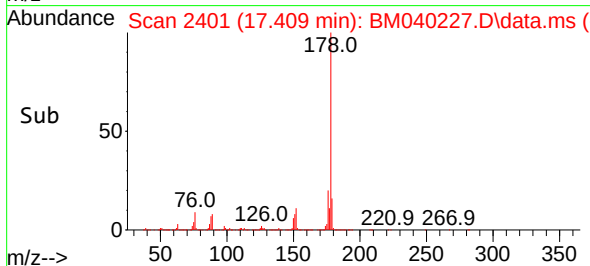
Instrument :
BNA_M
ClientSampleId :
PB153264BS



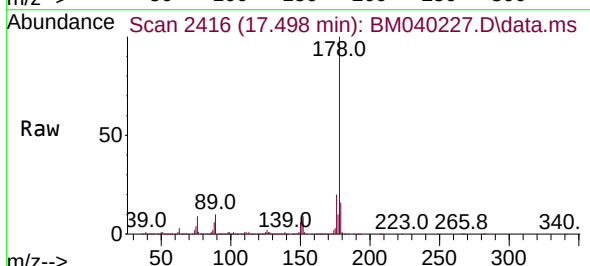
Tgt Ion:178 Resp: 6408320
Ion Ratio Lower Upper
178 100
176 20.5 16.0 24.0
179 15.7 12.6 18.8

Manual Integrations
APPROVED

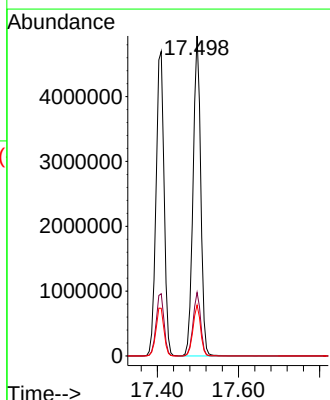
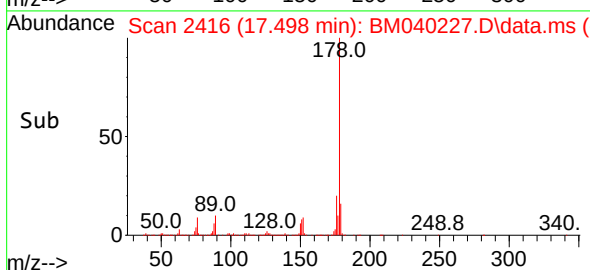
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

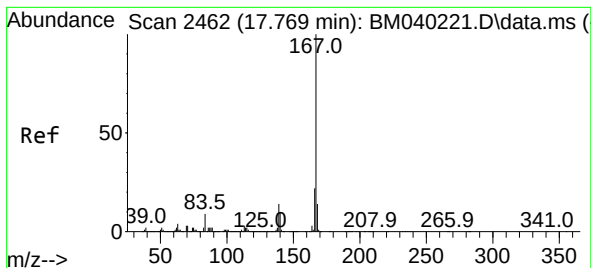


#72
Anthracene
Concen: 47.009 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



Tgt Ion:178 Resp: 6487173
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.9 12.4 18.6





#73

Carbazole

Concen: 46.242 ng

RT: 17.768 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Tgt Ion:167 Resp: 6003979

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

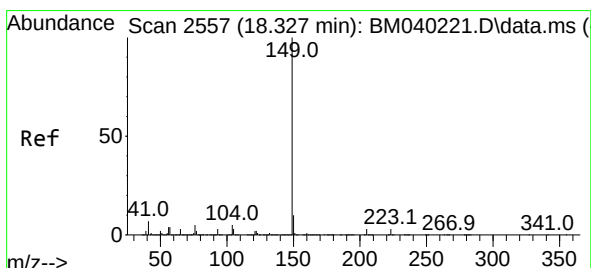
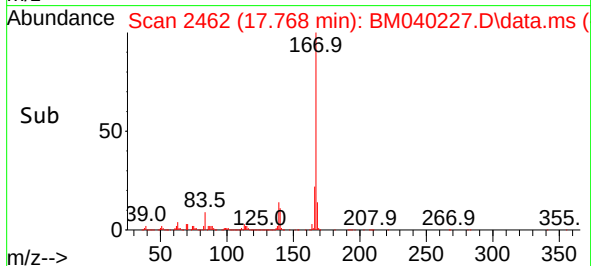
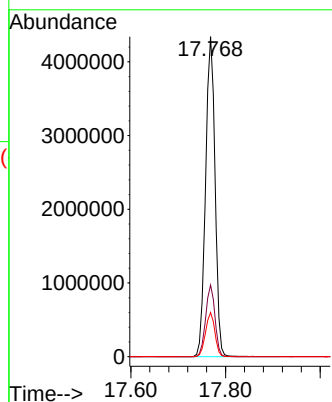
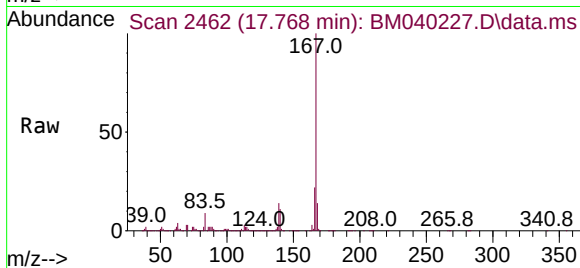
139 13.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#74

Di-n-butylphthalate

Concen: 46.940 ng

RT: 18.327 min Scan# 2557

Delta R.T. 0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

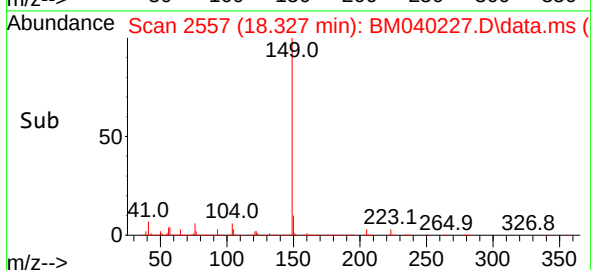
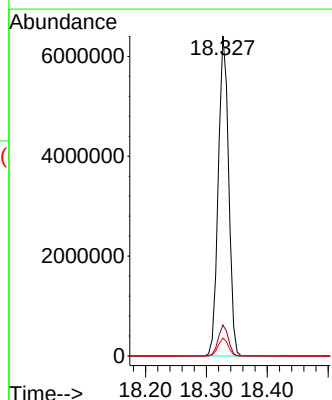
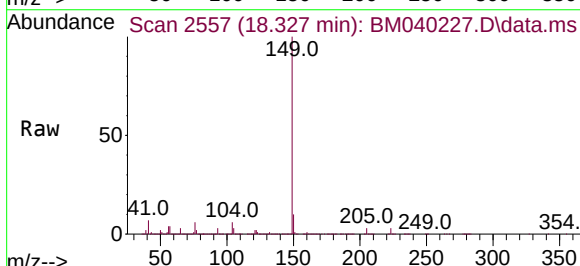
Tgt Ion:149 Resp: 7559244

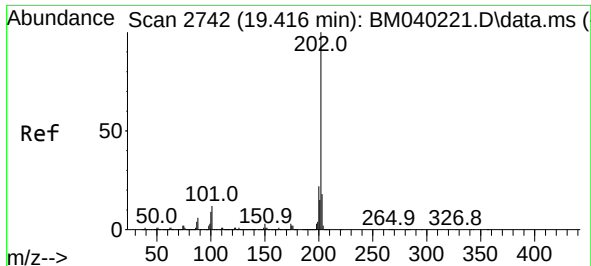
Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

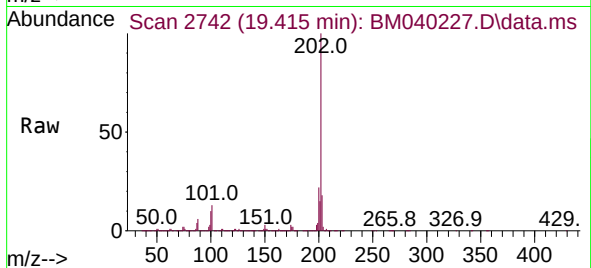
104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 43.443 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

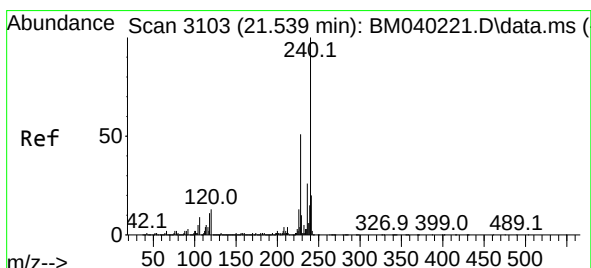
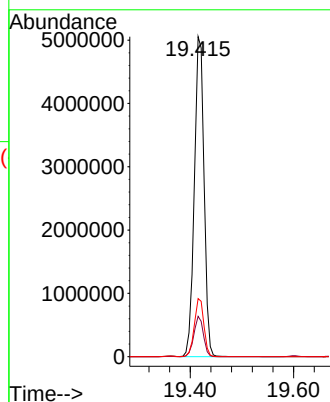
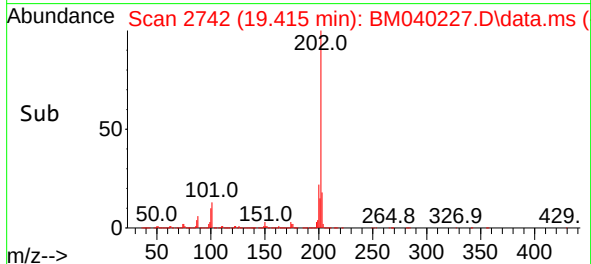
Instrument :
BNA_M
ClientSampleId :
PB153264BS



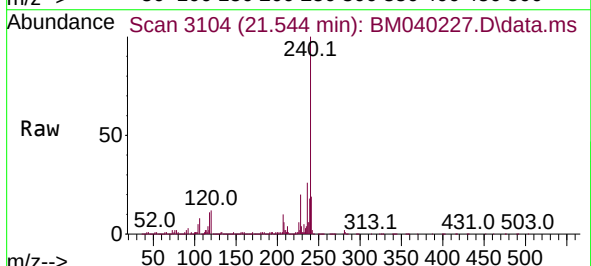
Tgt Ion:202 Resp: 658018
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.5
203 18.2 0.0 38.0

Manual Integrations
APPROVED

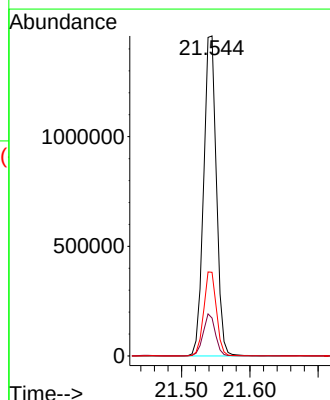
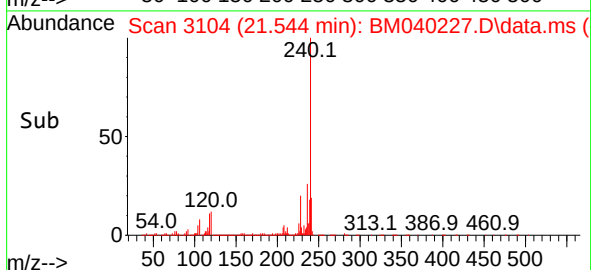
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

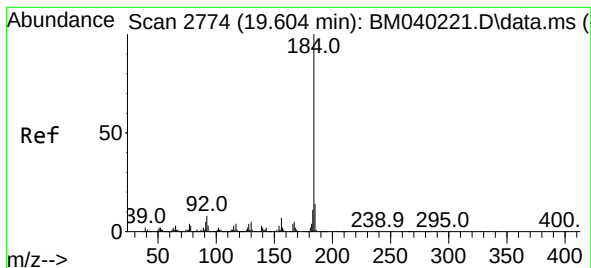


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



Tgt Ion:240 Resp: 1902102
Ion Ratio Lower Upper
240 100
120 11.8 10.1 15.1
236 26.1 21.0 31.4





#77

Benzidine

Concen: 64.119 ng

RT: 19.603 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Tgt Ion:184 Resp: 226492

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

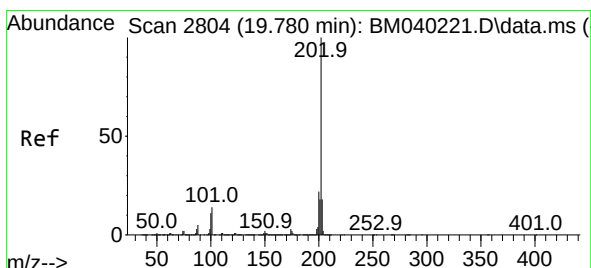
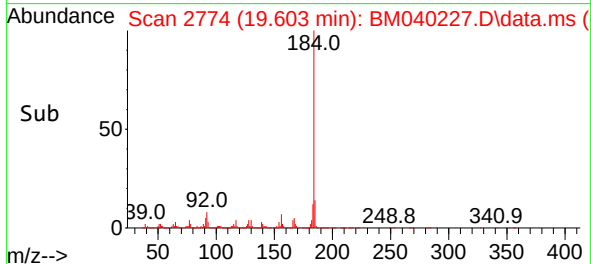
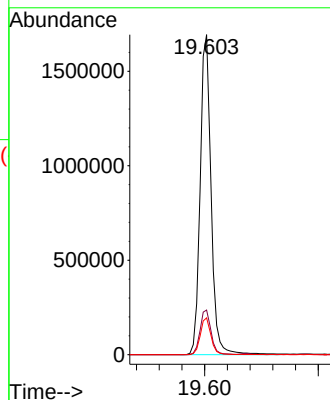
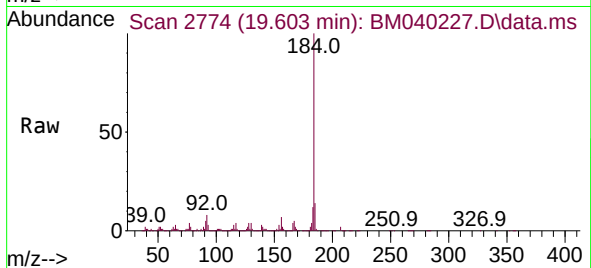
183 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#78

Pyrene

Concen: 53.413 ng

RT: 19.780 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

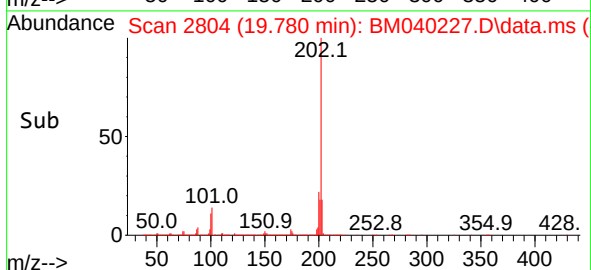
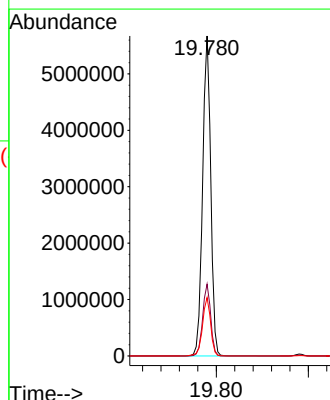
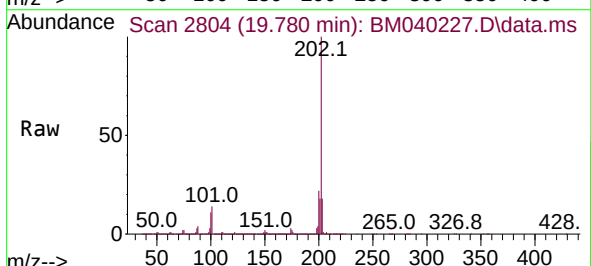
Tgt Ion:202 Resp: 6969094

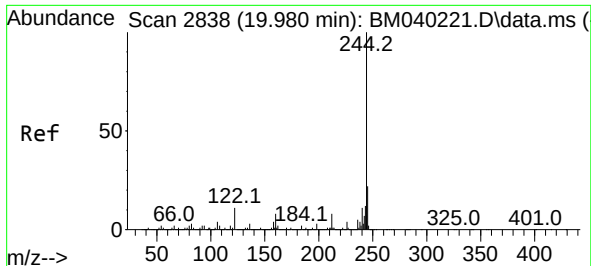
Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

203 18.2 14.3 21.5





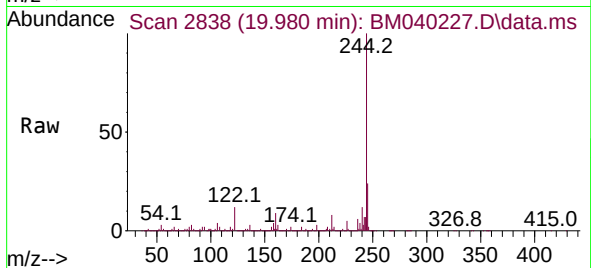
#79
 Terphenyl-d14
 Concen: 114.753 ng
 RT: 19.980 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: BM040227.D
 Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

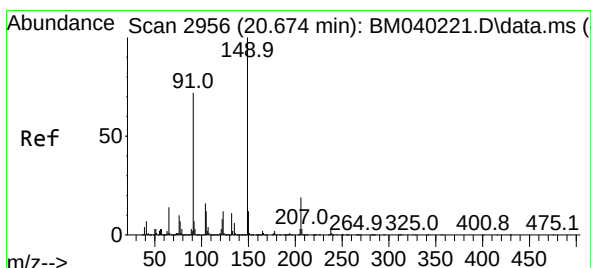
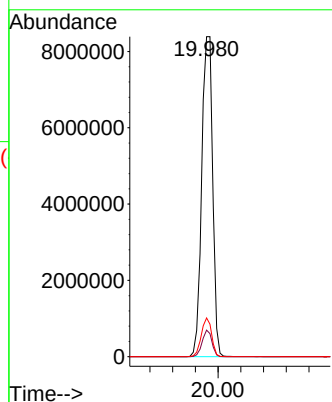
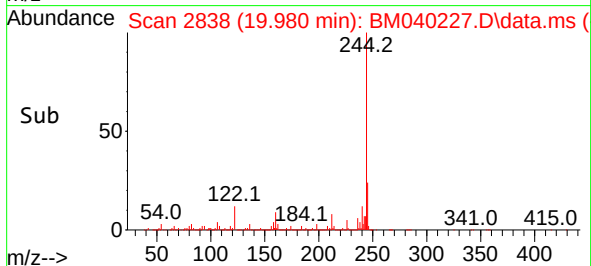


Tgt Ion:244 Resp:1123327
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 12.1 9.0 13.4

Manual Integrations

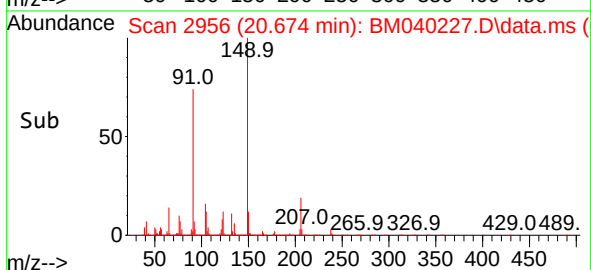
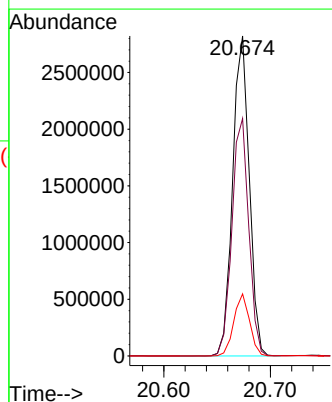
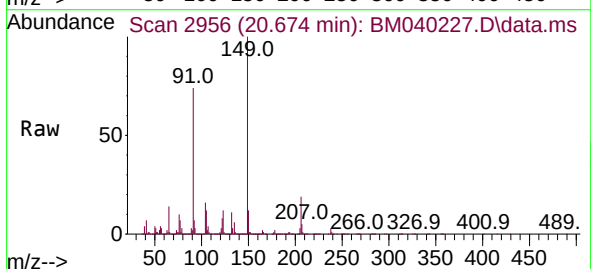
APPROVED

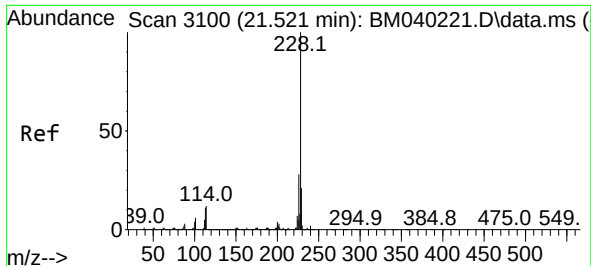
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#80
 Butylbenzylphthalate
 Concen: 51.162 ng
 RT: 20.674 min Scan# 2956
 Delta R.T. -0.000 min
 Lab File: BM040227.D
 Acq: 13 Jun 2023 16:17

Tgt Ion:149 Resp: 3057404
 Ion Ratio Lower Upper
 149 100
 91 74.2 58.0 87.0
 206 19.4 15.5 23.3





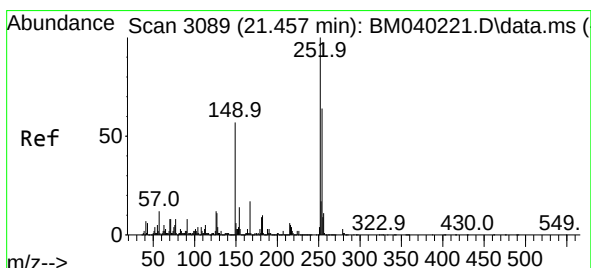
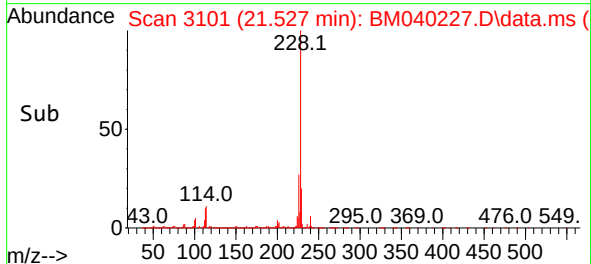
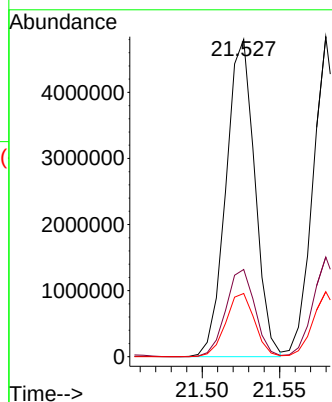
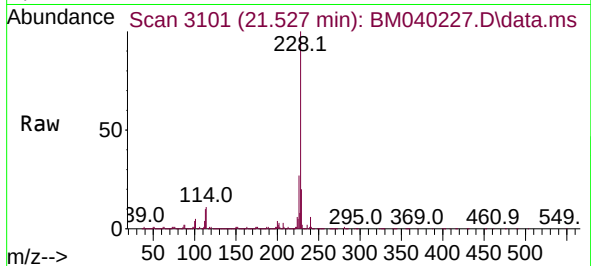
#81
Benzo(a)anthracene
Concen: 47.915 ng
RT: 21.527 min Scan# 3100
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Instrument :
BNA_M
ClientSampleId :
PB153264BS

Tgt Ion:228 Resp: 620923
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.9 16.4 24.6

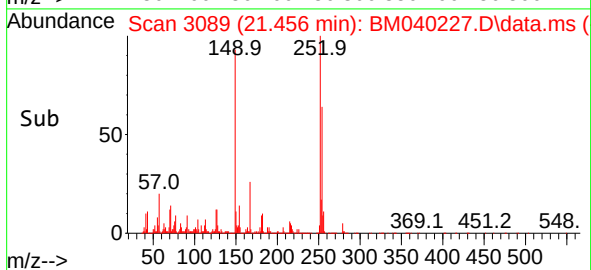
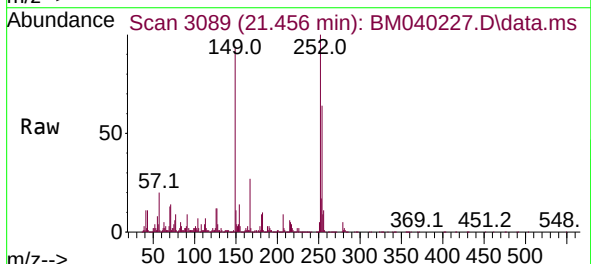
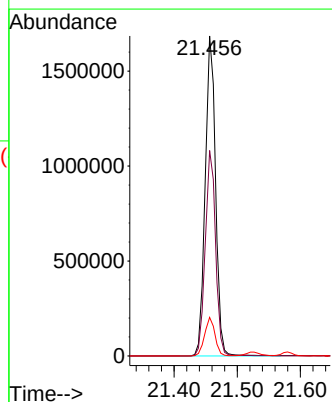
Manual Integrations
APPROVED

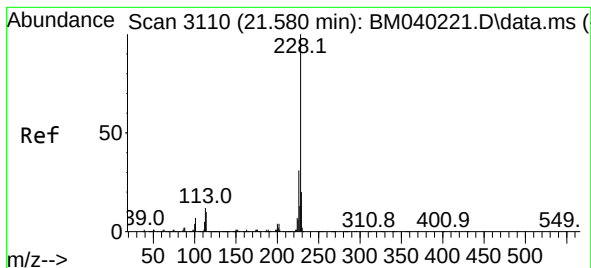
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.326 ng
RT: 21.456 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Tgt Ion:252 Resp: 1922826
Ion Ratio Lower Upper
252 100
254 64.2 51.6 77.4
126 12.0 9.4 14.0





#83

Chrysene

Concen: 46.330 ng

RT: 21.580 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Tgt Ion:228 Resp: 5681324

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

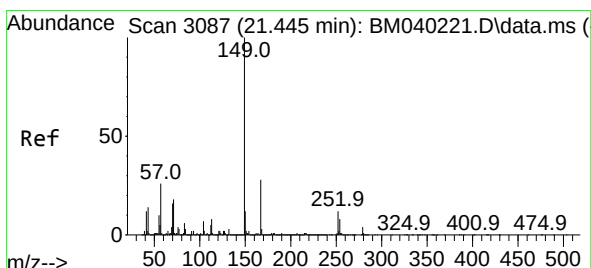
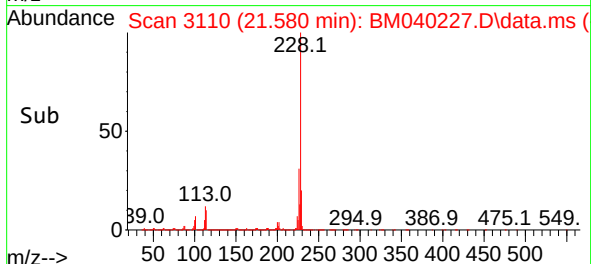
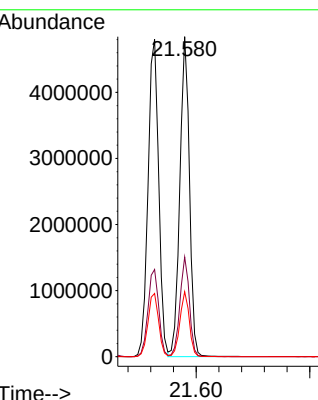
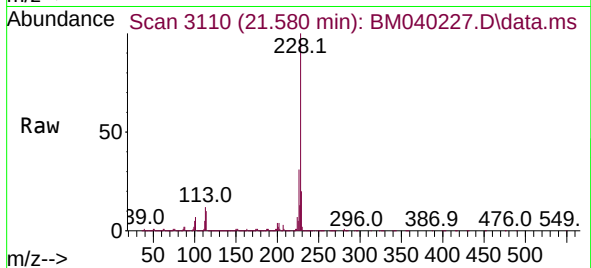
229 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.691 ng

RT: 21.444 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

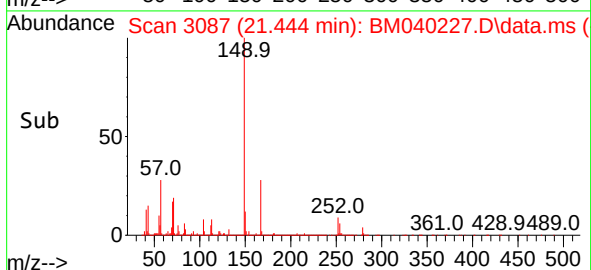
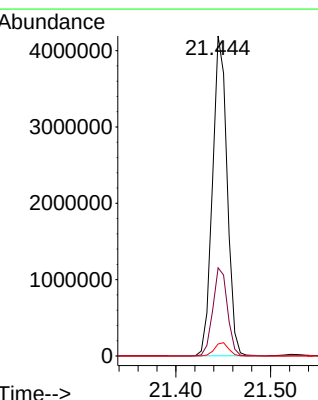
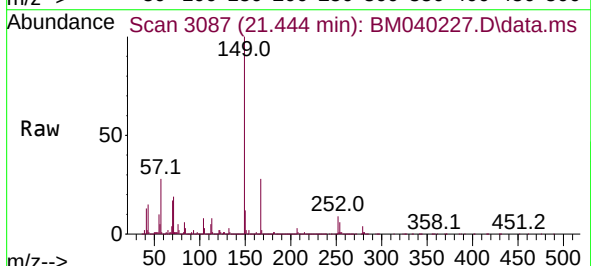
Tgt Ion:149 Resp: 4493954

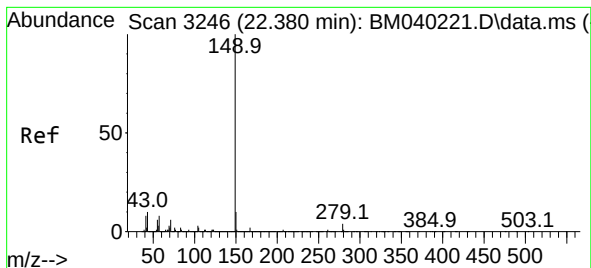
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 3.8 3.3 4.9





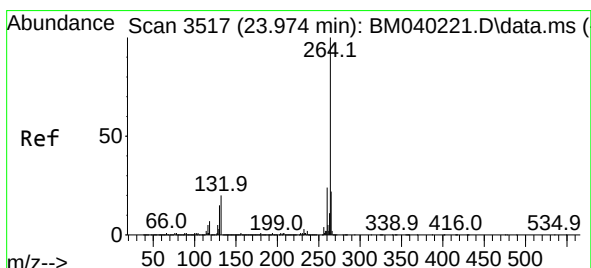
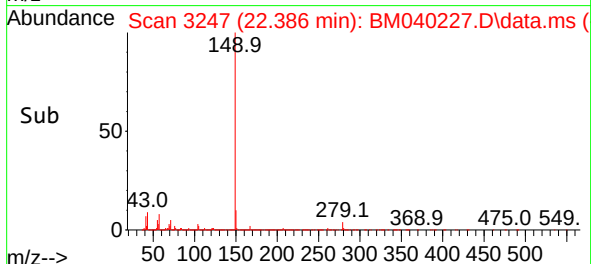
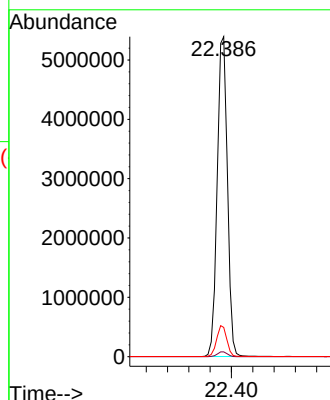
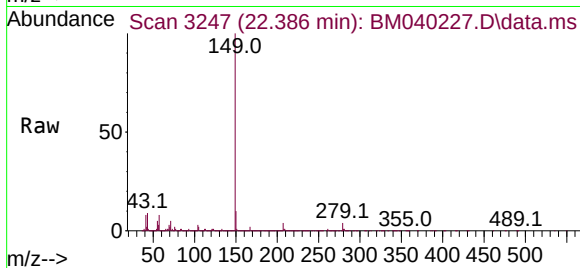
#85
Di-n-octyl phthalate
Concen: 47.367 ng
RT: 22.386 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Instrument :
BNA_M
ClientSampleId :
PB153264BS

Tgt Ion:149 Resp: 715528
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 7.8 11.6

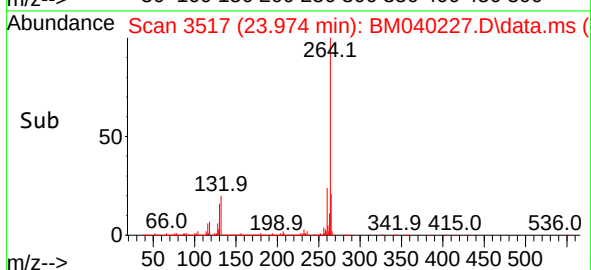
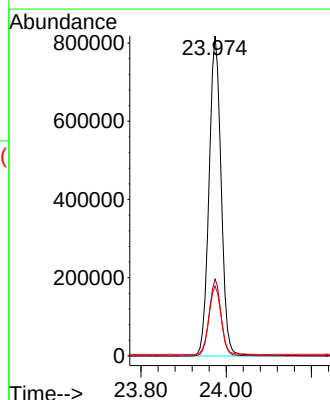
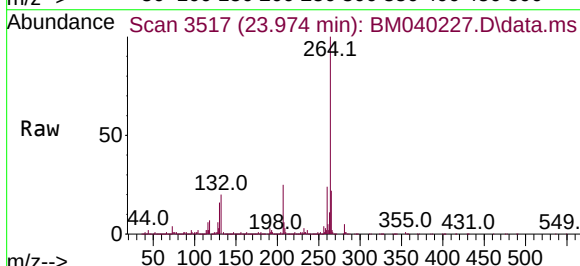
Manual Integrations
APPROVED

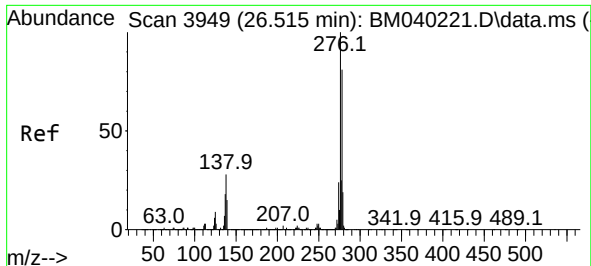
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.974 min Scan# 3517
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Tgt Ion:264 Resp: 1605605
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.992 ng
RT: 26.515 min Scan# 3949
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

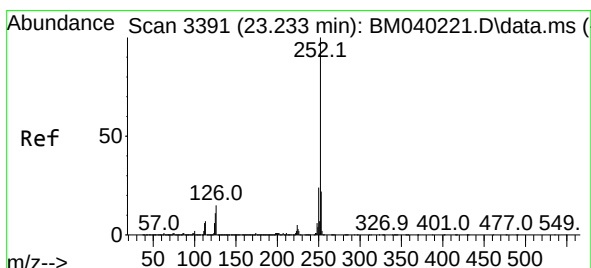
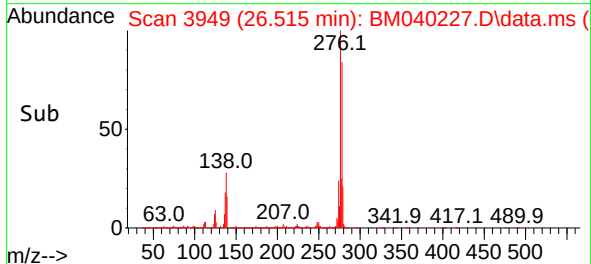
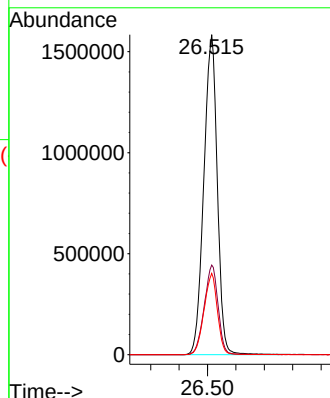
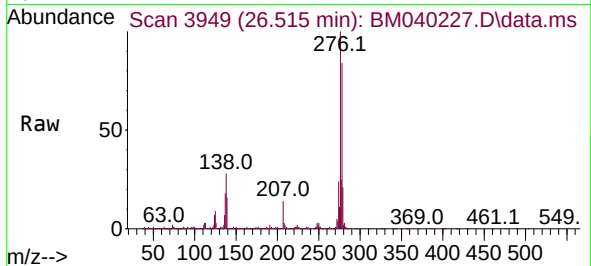
ClientSampleId :

PB153264BS

Tgt Ion:276 Resp: 5210590
Ion Ratio Lower Upper
276 100
138 28.8 22.7 34.1
277 25.2 20.2 30.4

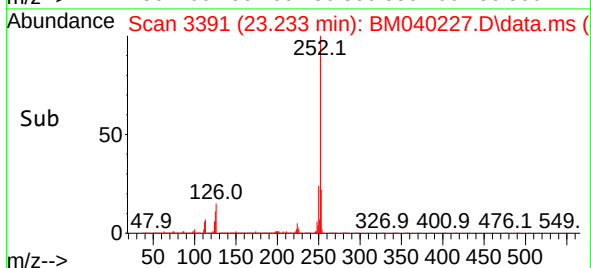
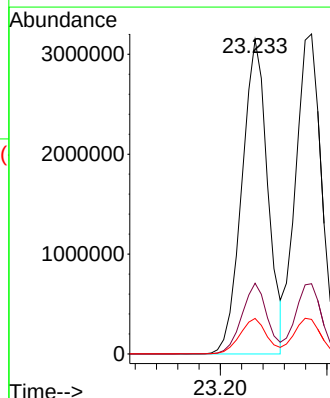
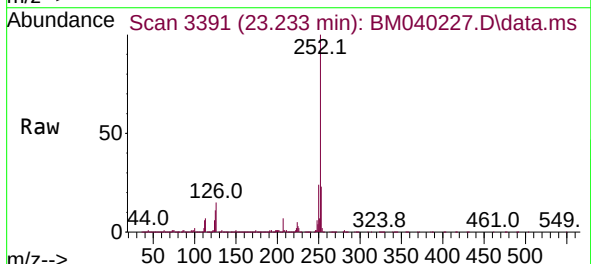
Manual Integrations
APPROVED

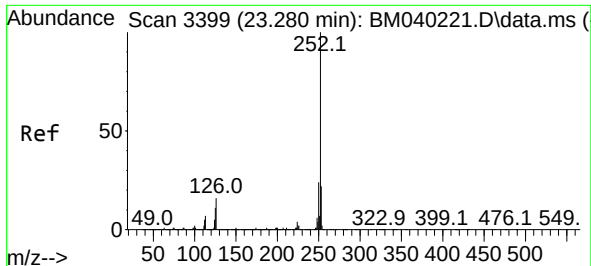
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#88
Benzo(b)fluoranthene
Concen: 55.198 ng
RT: 23.233 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

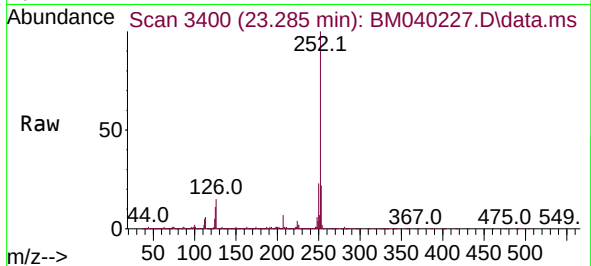
Tgt Ion:252 Resp: 5304829
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.3 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 54.481 ng
RT: 23.285 min Scan# 3400
Delta R.T. 0.006 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17

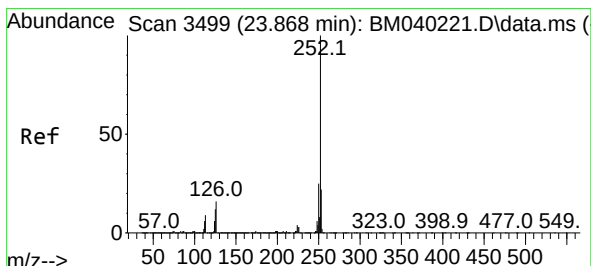
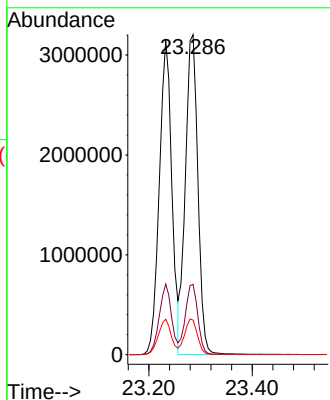
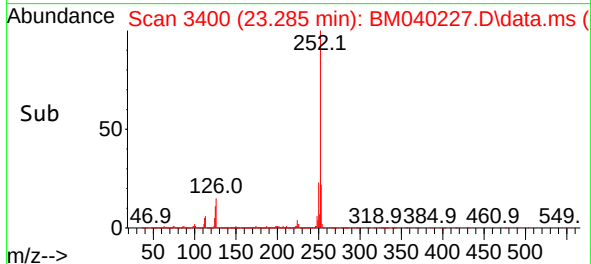
Instrument :
BNA_M
ClientSampleId :
PB153264BS



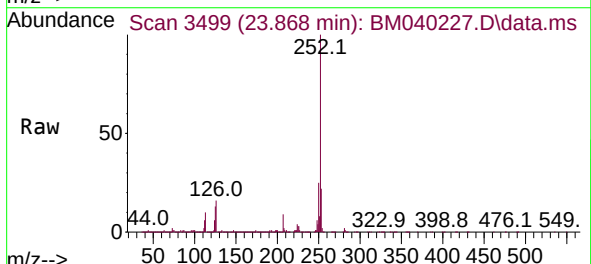
Tgt Ion:252 Resp: 538474
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.8 9.1 13.7

Manual Integrations
APPROVED

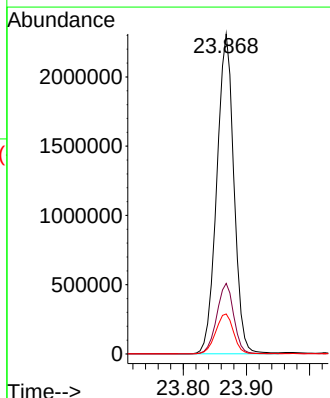
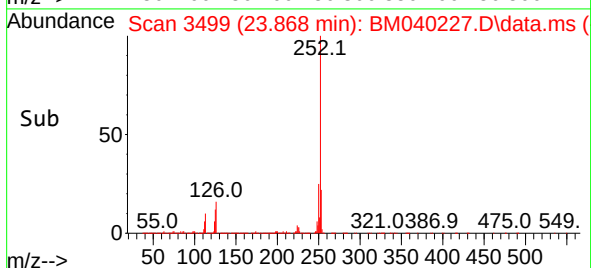
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

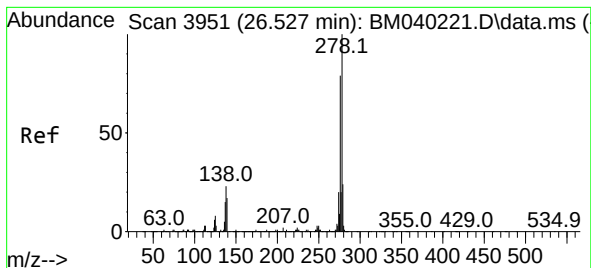


#90
Benzo(a)pyrene
Concen: 47.580 ng
RT: 23.868 min Scan# 3499
Delta R.T. -0.000 min
Lab File: BM040227.D
Acq: 13 Jun 2023 16:17



Tgt Ion:252 Resp: 4337823
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.5 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 49.438 ng

RT: 26.526 min Scan# 3951

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Tgt Ion:278 Resp: 447149

Ion Ratio Lower Upper

278 100

139 17.2 13.8 20.6

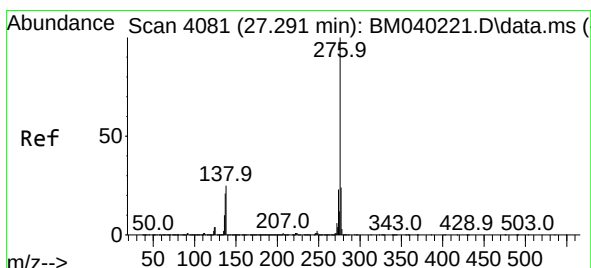
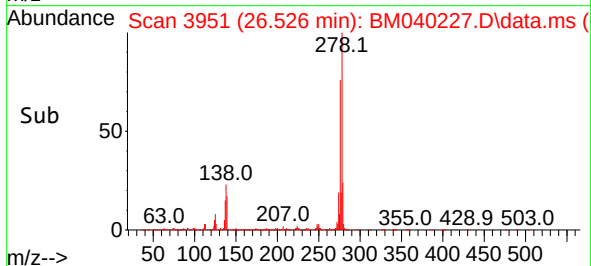
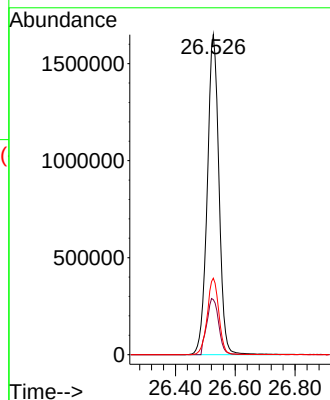
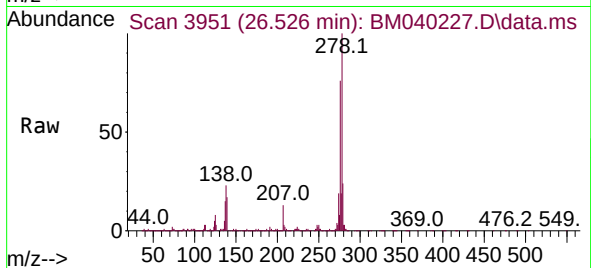
279 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#92

Benzo(g,h,i)perylene

Concen: 49.382 ng

RT: 27.291 min Scan# 4081

Delta R.T. -0.000 min

Lab File: BM040227.D

Acq: 13 Jun 2023 16:17

Tgt Ion:276 Resp: 3997562

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 25.3 19.8 29.6

