

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041355.D
 Acq On : 10 Aug 2023 09:56
 Operator : MA/JU
 Sample : PB154720BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154720BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023

Quant Time: Aug 11 03:29:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	149774	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	636017	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	411625	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	926193	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	893684	20.000	ng	0.00
86) Perylene-d12	23.780	264	1045353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1022945	102.079	ng	0.00
7) Phenol-d6	6.969	99	1308719	100.750	ng	0.00
23) Nitrobenzene-d5	8.957	82	1268552	92.755	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	644657	110.724	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3007455	92.297	ng	0.00
79) Terphenyl-d14	19.850	244	5128222	103.751	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	155791	36.341	ng	96
3) Pyridine	3.657	79	401473	35.617	ng	96
4) n-Nitrosodimethylamine	3.575	42	230104	44.139	ng	96
6) Aniline	7.116	93	548878	36.106	ng	100
8) 2-Chlorophenol	7.345	128	551678	56.391	ng	99
9) Benzaldehyde	6.928	77	264394m	38.574	ng	
10) Phenol	6.992	94	702455	55.991	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	512638	50.479	ng	97
12) 1,3-Dichlorobenzene	7.663	146	561349	52.713	ng	98
13) 1,4-Dichlorobenzene	7.816	146	570127	53.265	ng	99
14) 1,2-Dichlorobenzene	8.128	146	553315	53.914	ng	99
15) Benzyl Alcohol	8.039	79	512750	62.506	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	627901	46.404	ng	95
17) 2-Methylphenol	8.239	107	476205	55.558	ng	97
18) Hexachloroethane	8.845	117	215462	54.070	ng	89
19) n-Nitroso-di-n-propyla...	8.604	70	438405	55.565	ng	96
20) 3+4-Methylphenols	8.575	107	641713	55.994	ng	97
22) Acetophenone	8.622	105	823343	48.879	ng	98
24) Nitrobenzene	8.998	77	651522	47.107	ng	98
25) Isophorone	9.528	82	1215901	52.373	ng	99
26) 2-Nitrophenol	9.710	139	301249	55.717	ng	95
27) 2,4-Dimethylphenol	9.775	122	485560	51.036	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	714909	49.160	ng	100
29) 2,4-Dichlorophenol	10.245	162	559095	58.273	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	567699	53.555	ng	99
31) Naphthalene	10.633	128	1637751	47.452	ng	99
32) Benzoic acid	9.969	122	392978	53.953	ng	94
33) 4-Chloroaniline	10.769	127	268104	19.438	ng	100
34) Hexachlorobutadiene	10.898	225	361562	56.712	ng	99
35) Caprolactam	11.598	113	170862m	61.561	ng	
36) 4-Chloro-3-methylphenol	11.904	107	589160	58.342	ng	99
37) 2-Methylnaphthalene	12.251	142	1154810	49.630	ng	99
38) 1-Methylnaphthalene	12.474	142	1115991	51.244	ng	100
40) 1,2,4,5-Tetrachloroben...	12.622	216	674027	50.429	ng	# 98
41) Hexachlorocyclopentadiene	12.586	237	760056	107.486	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	484660	56.574	ng	98

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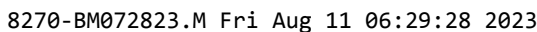
Quant Time: Aug 11 03:29:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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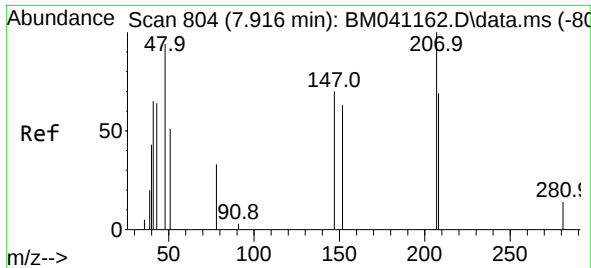
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	532406	53.695	ng	97
46) 1,1'-Biphenyl	13.274	154	1587355	47.568	ng	99
47) 2-Chloronaphthalene	13.321	162	1247535	50.069	ng	98
48) 2-Nitroaniline	13.545	65	400136	50.311	ng	99
49) Acenaphthylene	14.168	152	2041677	50.767	ng	100
50) Dimethylphthalate	13.921	163	1633349	52.751	ng	99
51) 2,6-Dinitrotoluene	14.051	165	360669	56.218	ng	95
52) Acenaphthene	14.510	154	1169109	48.255	ng	99
53) 3-Nitroaniline	14.386	138	254480	35.015	ng	95
54) 2,4-Dinitrophenol	14.598	184	490140	110.716	ng	92
55) Dibenzofuran	14.851	168	1957037	49.509	ng	100
56) 4-Nitrophenol	14.710	139	529549	99.039	ng	93
57) 2,4-Dinitrotoluene	14.845	165	505262	54.751	ng	94
58) Fluorene	15.504	166	1585006	50.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	475029	59.163	ng	96
60) Diethylphthalate	15.286	149	1645499	54.955	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	849277	54.349	ng	96
62) 4-Nitroaniline	15.557	138	306869	45.119	ng	95
63) Azobenzene	15.792	77	1640357	50.012	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	313467	55.868	ng	90
66) n-Nitrosodiphenylamine	15.721	169	1372290	47.640	ng	98
67) 4-Bromophenyl-phenylether	16.392	248	530079	52.199	ng	98
68) Hexachlorobenzene	16.504	284	623986	55.260	ng	96
69) Atrazine	16.686	200	530020	70.065	ng	99
70) Pentachlorophenol	16.862	266	738018	94.386	ng	99
71) Phenanthrene	17.251	178	2499915	48.580	ng	99
72) Anthracene	17.345	178	2549850	50.101	ng	100
73) Carbazole	17.627	167	2271637	49.314	ng	100
74) Di-n-butylphthalate	18.180	149	2901762	55.746	ng	99
75) Fluoranthene	19.274	202	3009591	52.056	ng	99
77) Benzidine	19.480	184	1123147	92.206	ng	99
78) Pyrene	19.645	202	3121687	49.950	ng	100
80) Butylbenzylphthalate	20.550	149	1306019	57.225	ng	94
81) Benzo(a)anthracene	21.403	228	3160488	52.167	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	918045	46.438	ng	# 98
83) Chrysene	21.456	228	2934043	50.069	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1962737	53.828	ng	97
85) Di-n-octyl phthalate	22.239	149	3391778	58.803	ng	95
87) Indeno(1,2,3-cd)pyrene	26.238	276	3668154	47.728	ng	# 95
88) Benzo(b)fluoranthene	23.068	252	3333493	53.679	ng	# 98
89) Benzo(k)fluoranthene	23.115	252	3087874	48.610	ng	98
90) Benzo(a)pyrene	23.680	252	2885900	48.365	ng	# 97
91) Dibenzo(a,h)anthracene	26.244	278	3089765	48.199	ng	97
92) Benzo(g,h,i)perylene	26.985	276	2962861	47.236	ng	96

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

Manual Integrations APPROVED

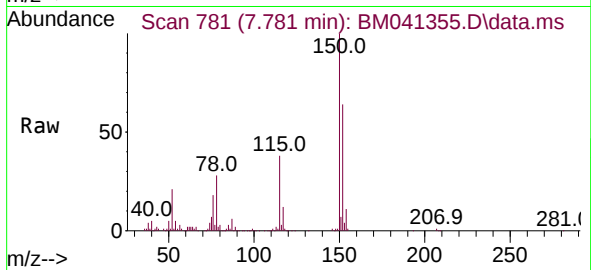
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

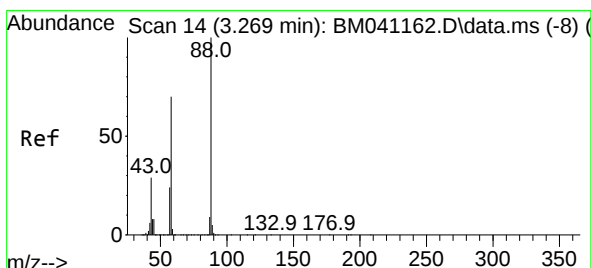
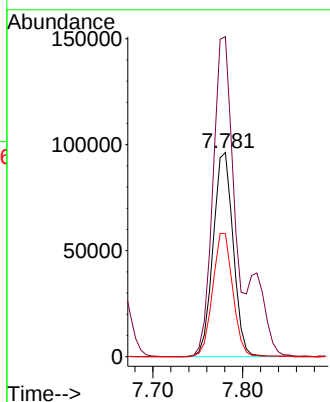
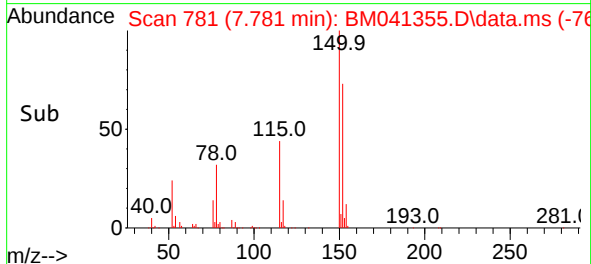
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion: 152 Resp: 149774
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 60.2 48.0 72.0

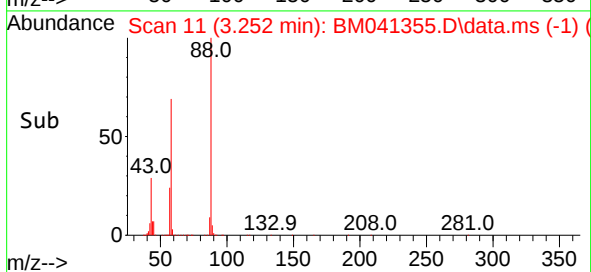
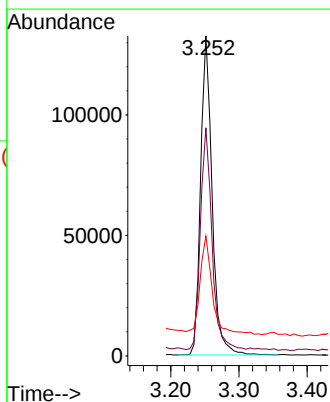
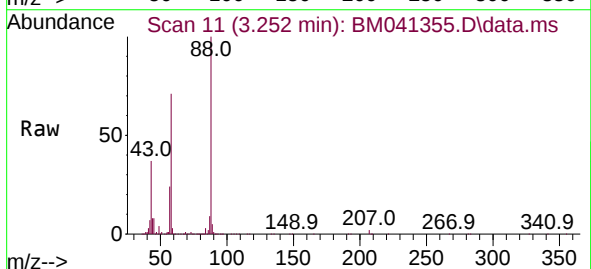
Manual Integrations
APPROVED

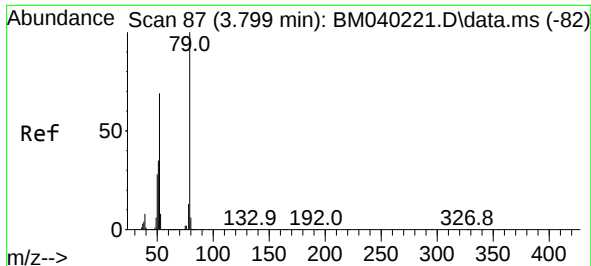
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#2
1,4-Dioxane
Concen: 36.341 ng
RT: 3.252 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

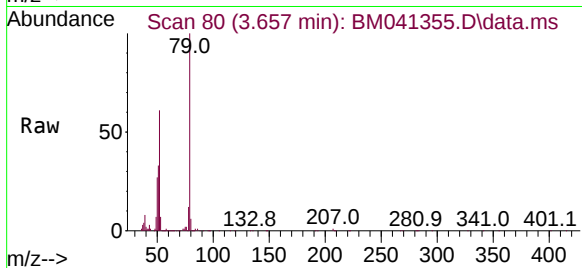
Tgt Ion: 88 Resp: 155791
Ion Ratio Lower Upper
88 100
58 69.6 58.2 87.4
43 32.9 24.4 36.6





#3
 Pyridine
 Concen: 35.617 ng
 RT: 3.657 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041355.D
 Acq: 10 Aug 2023 09:56

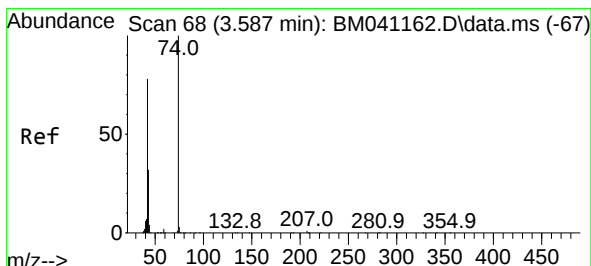
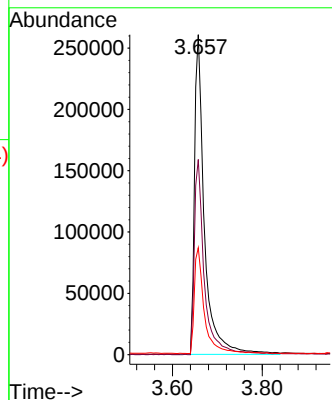
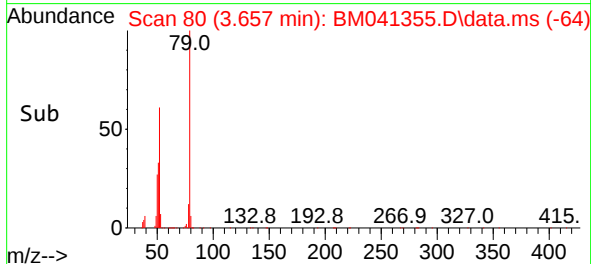
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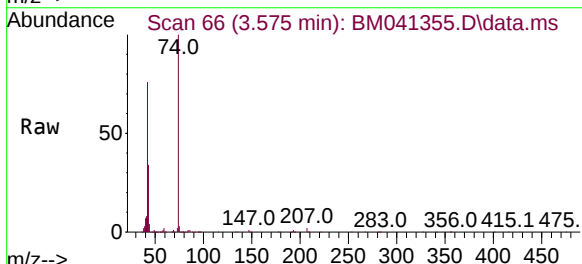
Tgt Ion: 79 Resp: 401473
 Ion Ratio Lower Upper
 79 100
 52 61.0 52.1 78.1
 51 33.4 27.5 41.3

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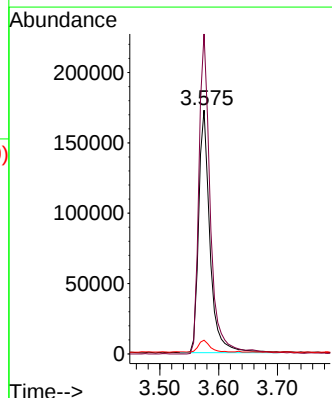
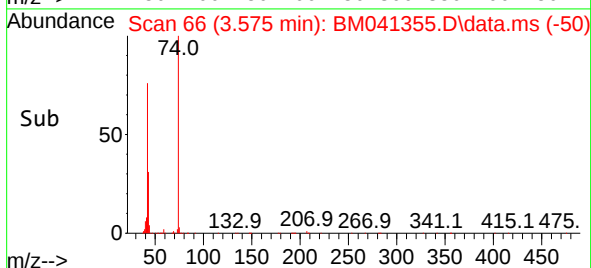
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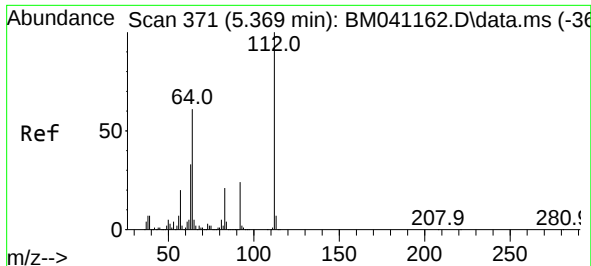


#4
 n-Nitrosodimethylamine
 Concen: 44.139 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041355.D
 Acq: 10 Aug 2023 09:56



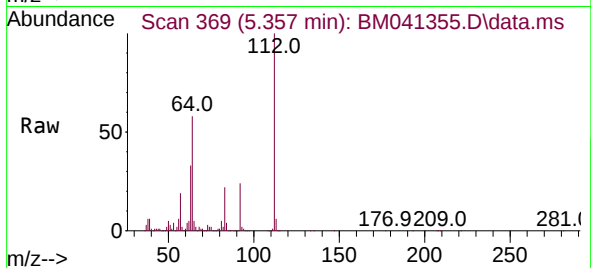
Tgt Ion: 42 Resp: 230104
 Ion Ratio Lower Upper
 42 100
 74 131.3 100.8 151.2
 44 5.6 5.0 7.4





#5
2-Fluorophenol
Concen: 102.079 ng
RT: 5.357 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

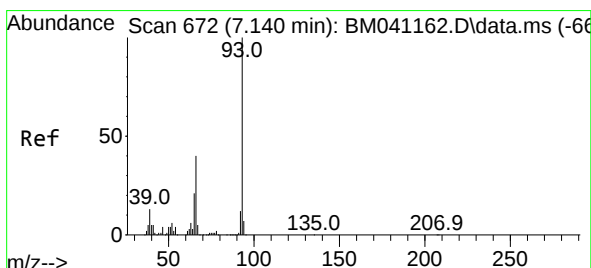
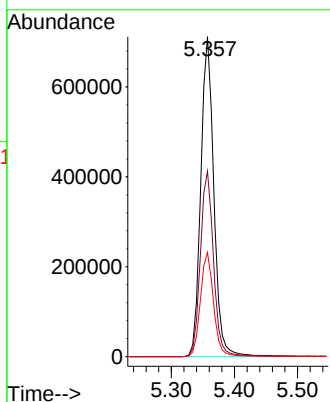
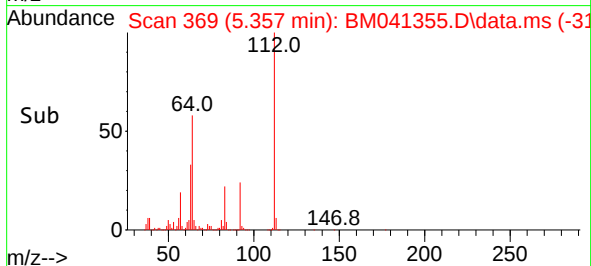
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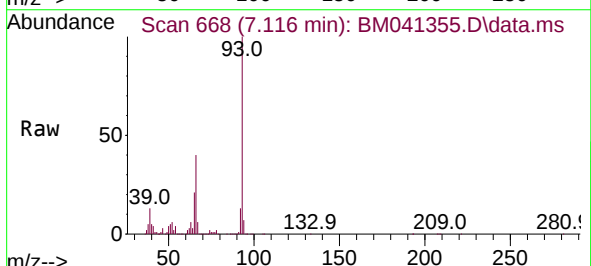
Tgt Ion: 112 Resp: 1022945
Ion Ratio Lower Upper
112 100
64 58.0 48.5 72.7
63 32.6 26.5 39.7

Manual Integrations
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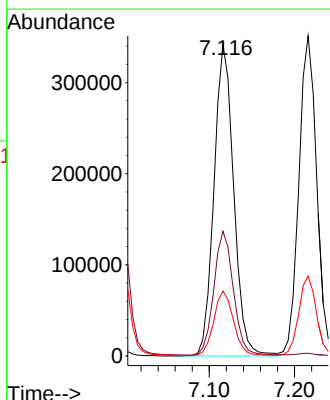
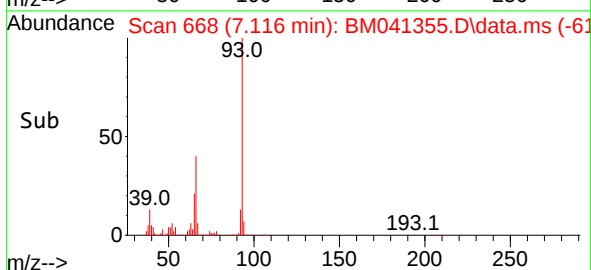
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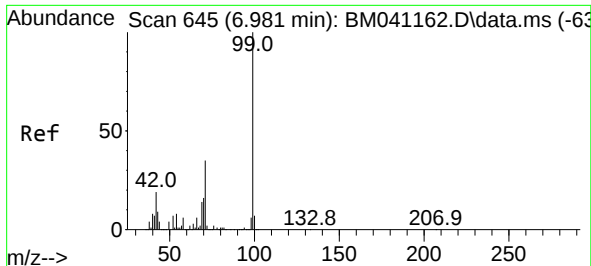


#6
Aniline
Concen: 36.106 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



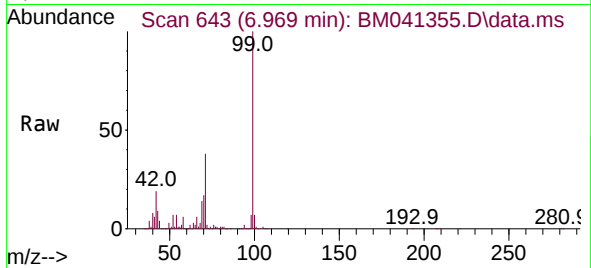
Tgt Ion: 93 Resp: 548878
Ion Ratio Lower Upper
93 100
66 40.1 32.0 48.0
65 20.8 16.6 24.8





#7
Phenol-d6
Concen: 100.750 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

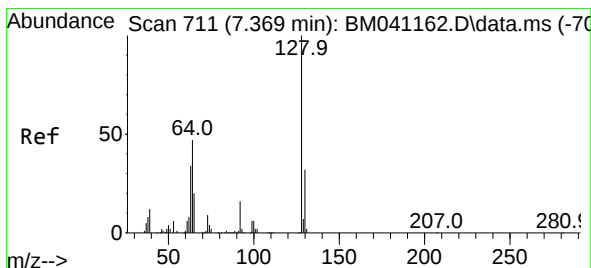
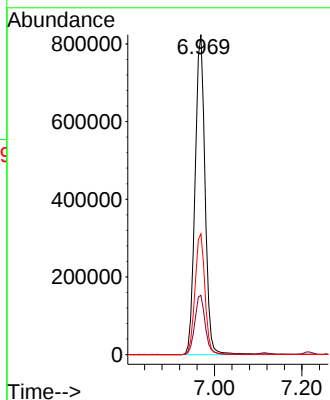
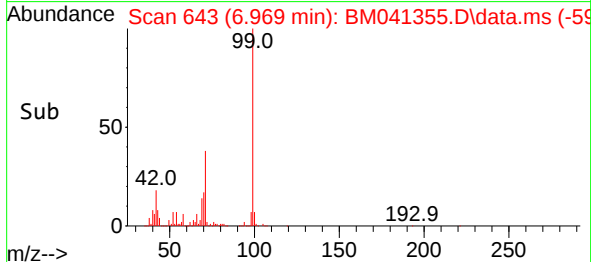
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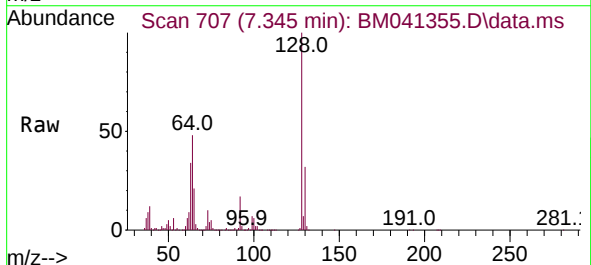
Tgt Ion: 99 Resp: 1308719
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.7 28.2 42.4

Manual Integrations
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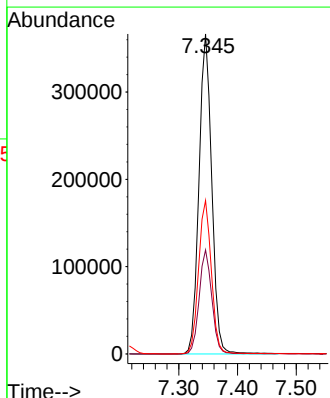
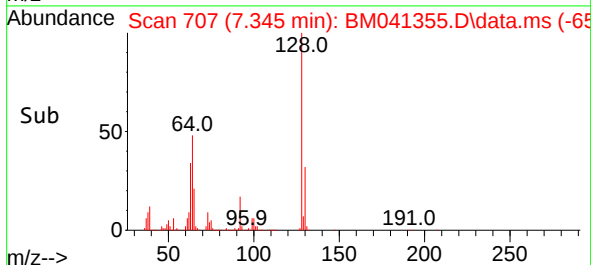
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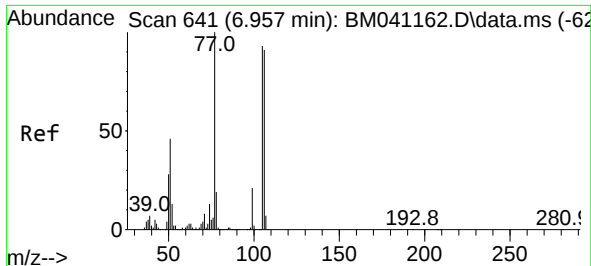


#8
2-Chlorophenol
Concen: 56.391 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



Tgt Ion:128 Resp: 551678
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 47.9 29.3 69.3





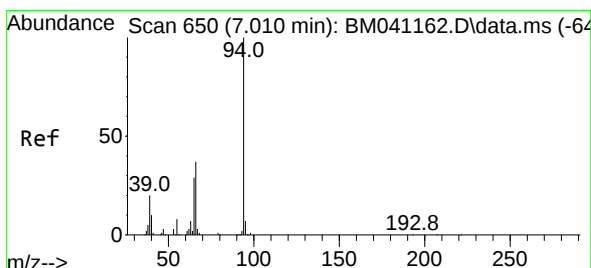
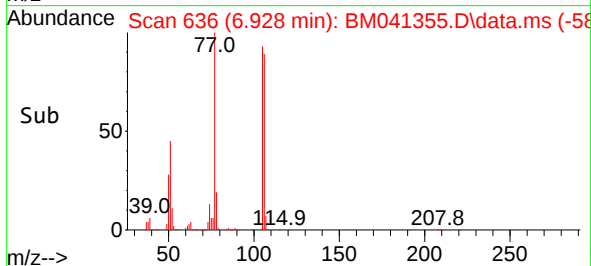
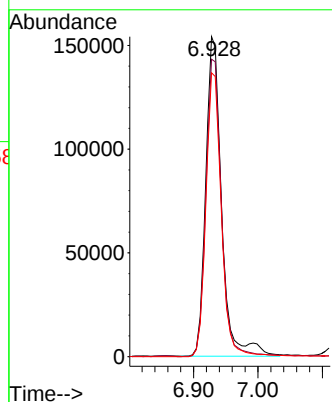
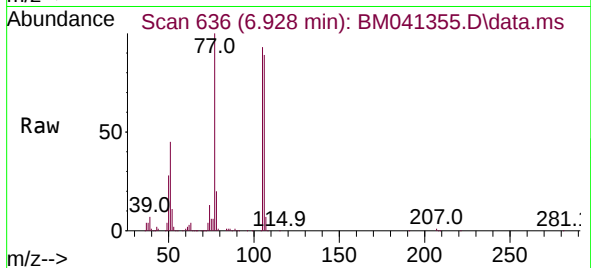
#9
Benzaldehyde
Concen: 38.574 ng m
RT: 6.928 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :
BNA_M
ClientSampleId :
PB154720BS

Tgt Ion: 77 Resp: 264394
Ion Ratio Lower Upper
77 100
105 92.9 72.8 112.8
106 88.7 70.8 110.8

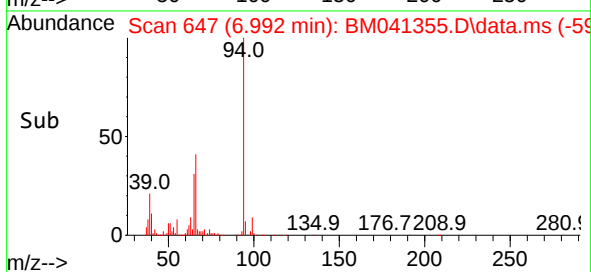
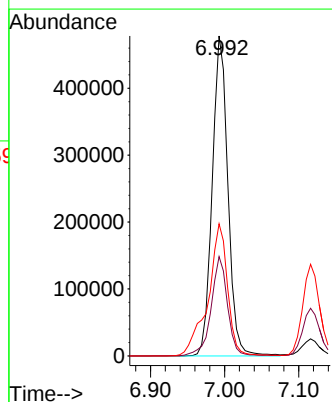
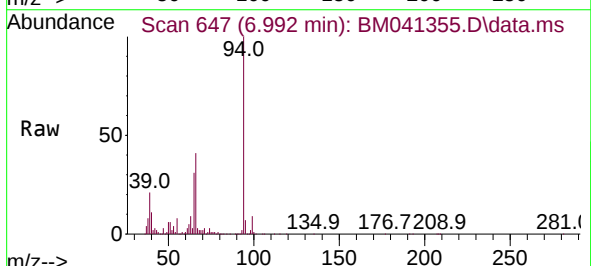
Manual Integrations
APPROVED

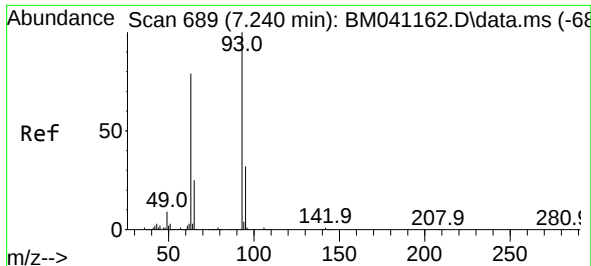
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#10
Phenol
Concen: 55.991 ng
RT: 6.992 min Scan# 647
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

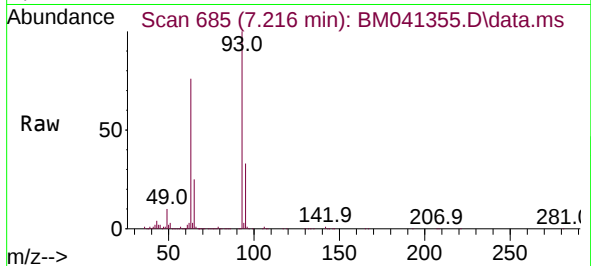
Tgt Ion: 94 Resp: 702455
Ion Ratio Lower Upper
94 100
65 31.0 9.5 49.5
66 41.3 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 50.479 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

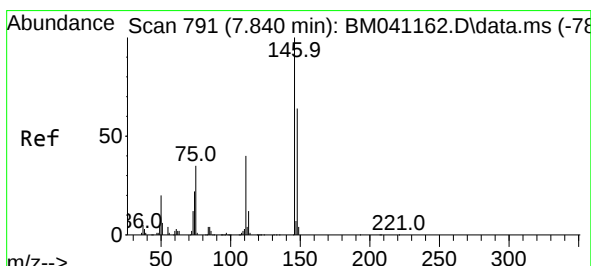
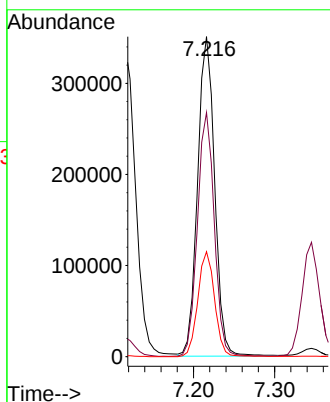
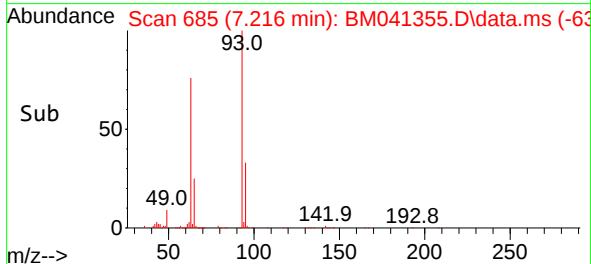
Instrument :
BNA_M
ClientSampleId :
PB154720BS



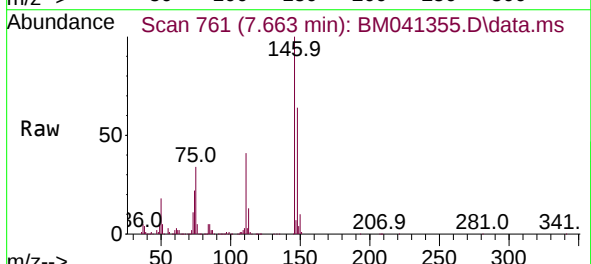
Tgt Ion: 93 Resp: 512638
Ion Ratio Lower Upper
93 100
63 76.3 58.8 98.8
95 32.8 11.8 51.8

Manual Integrations
APPROVED

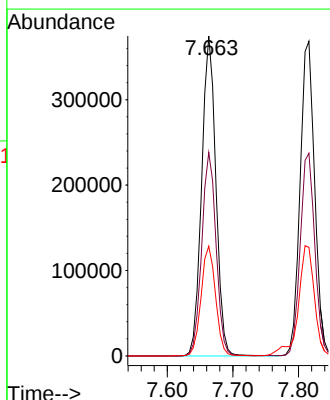
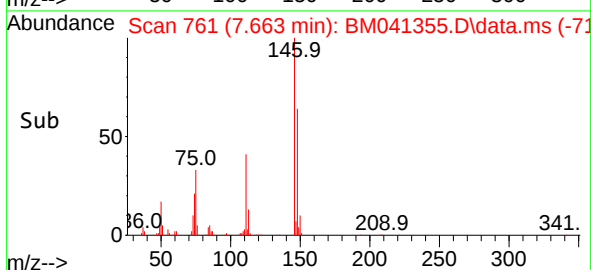
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

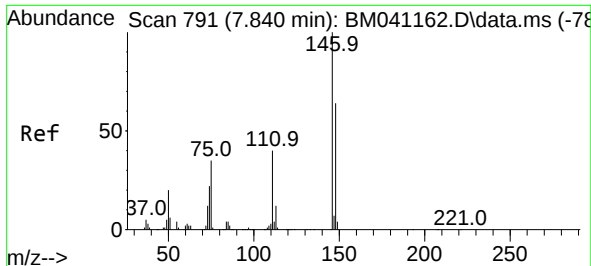


#12
1,3-Dichlorobenzene
Concen: 52.713 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



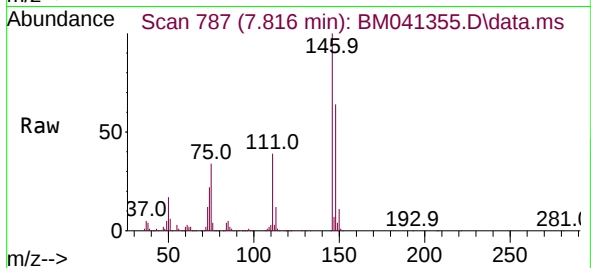
Tgt Ion:146 Resp: 561349
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 34.3 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 53.265 ng
RT: 7.816 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

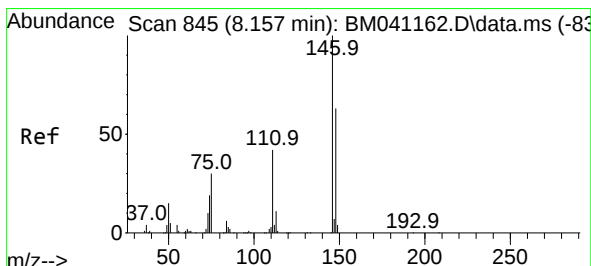
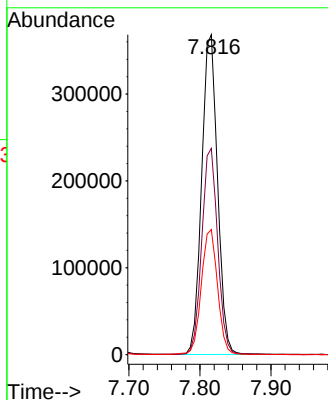
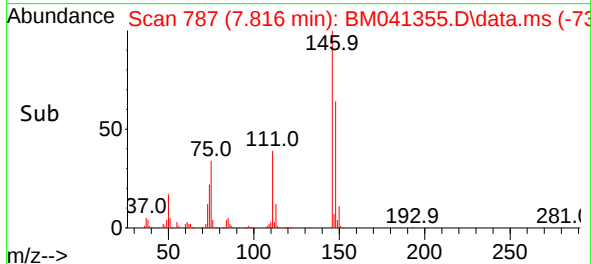
Instrument :
BNA_M
ClientSampleId :
PB154720BS



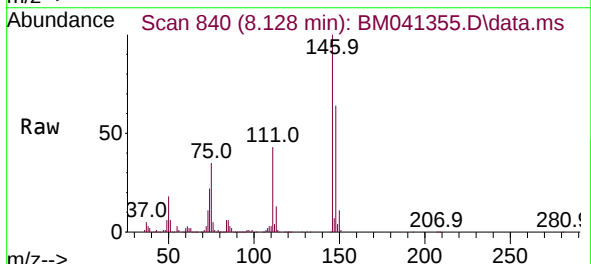
Tgt Ion:146 Resp: 570127
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 39.1 32.4 48.6

Manual Integrations
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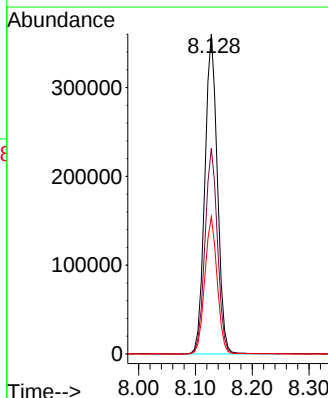
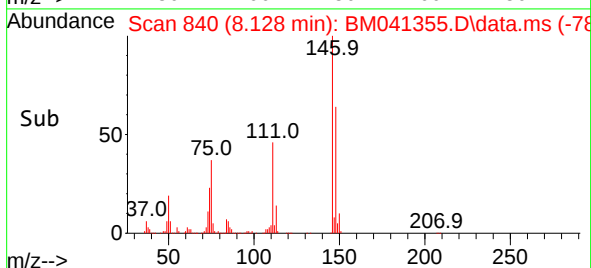
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

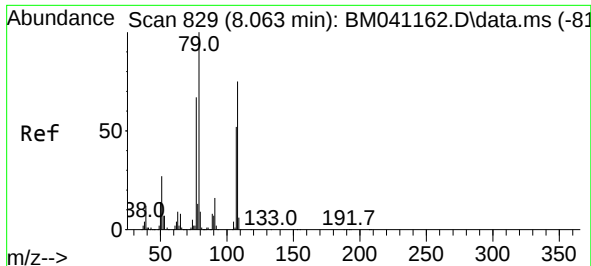


#14
1,2-Dichlorobenzene
Concen: 53.914 ng
RT: 8.128 min Scan# 840
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



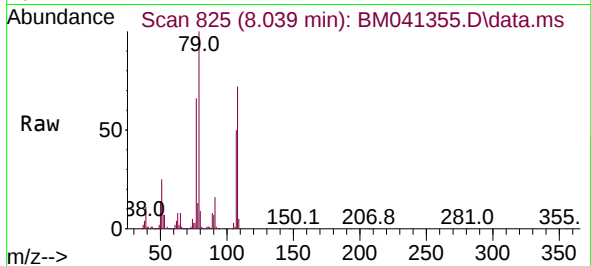
Tgt Ion:146 Resp: 553315
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 42.8 33.8 50.6





#15
Benzyl Alcohol
Concen: 62.506 ng
RT: 8.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

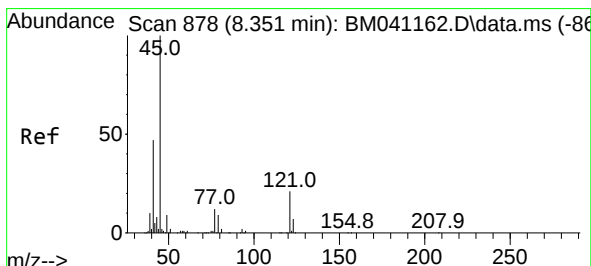
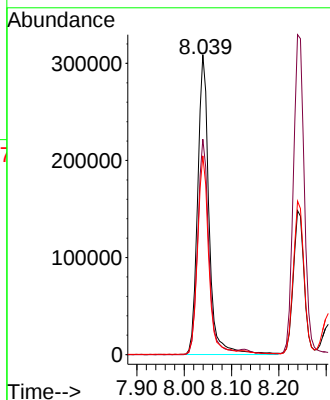
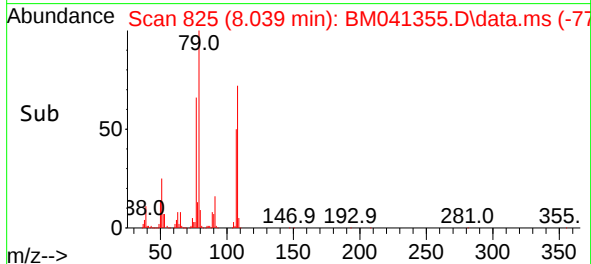
Instrument :
BNA_M
ClientSampleId :
PB154720BS



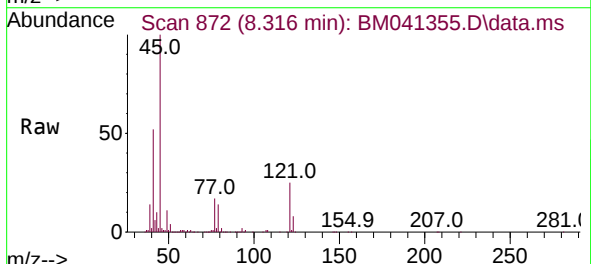
Tgt Ion: 79 Resp: 512750
Ion Ratio Lower Upper
79 100
108 71.8 59.8 89.8
77 66.3 53.8 80.6

Manual Integrations
APPROVED

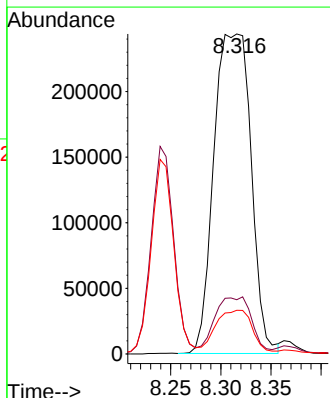
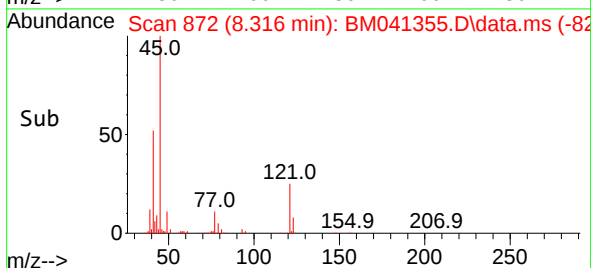
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

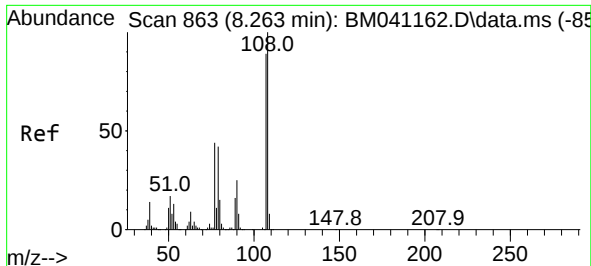


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.404 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



Tgt Ion: 45 Resp: 627901
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.5
79 13.6 0.0 32.1





#17

2-Methylphenol

Concen: 55.558 ng

RT: 8.239 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM041355.D

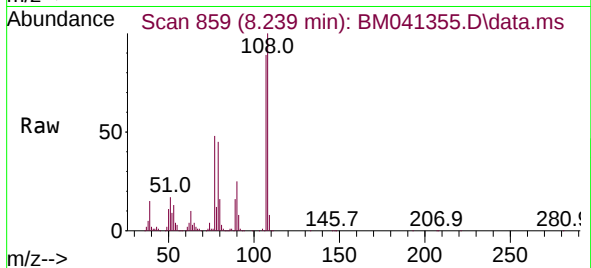
Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS



Tgt Ion:107 Resp: 476205

Ion Ratio Lower Upper

107 100

108 111.8 89.9 134.9

77 53.6 39.8 59.8

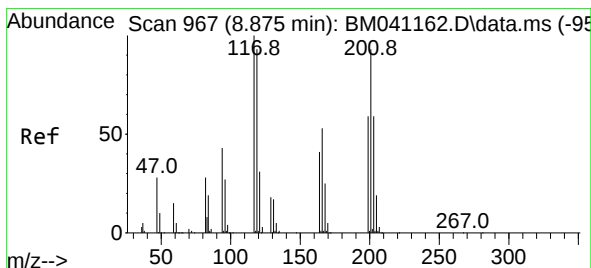
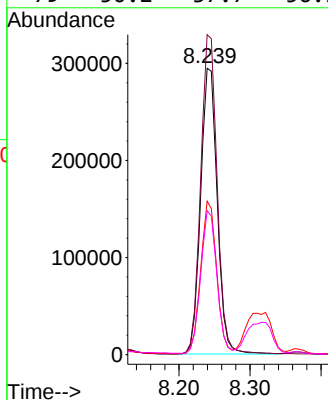
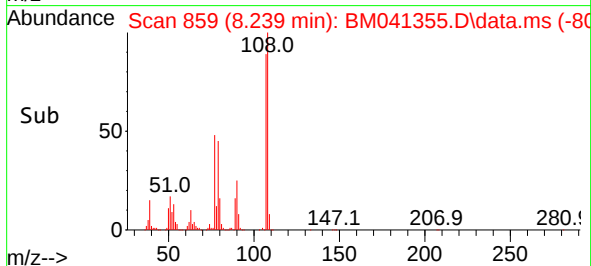
79 50.2 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#18

Hexachloroethane

Concen: 54.070 ng

RT: 8.845 min Scan# 962

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

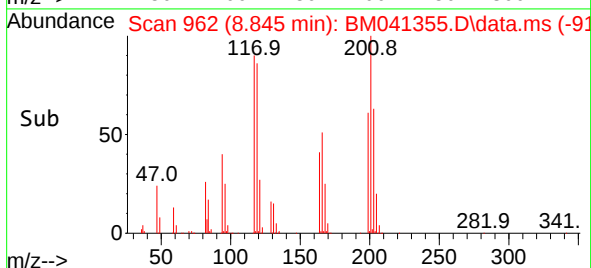
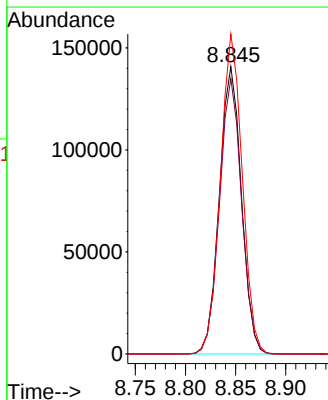
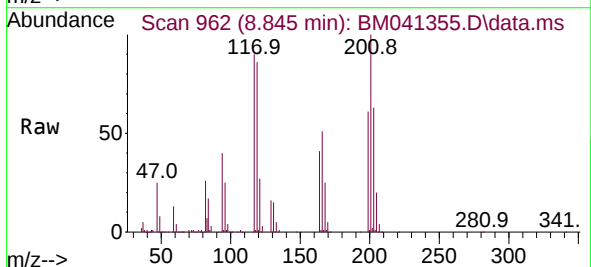
Tgt Ion:117 Resp: 215462

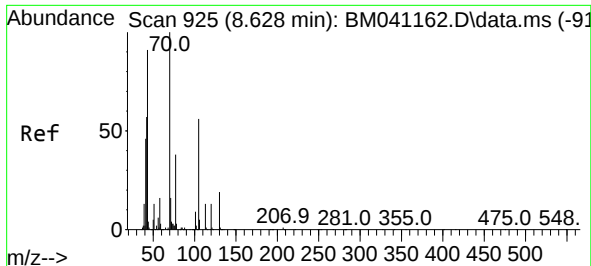
Ion Ratio Lower Upper

117 100

119 95.8 74.2 111.4

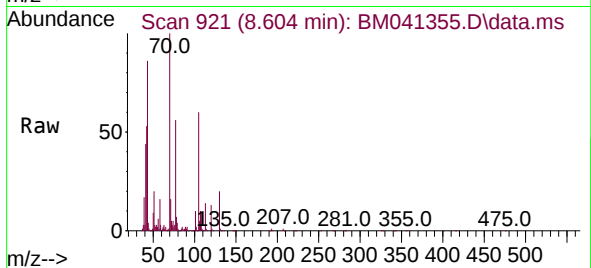
201 111.4 74.5 111.7





#19
n-Nitroso-di-n-propylamine
Concen: 55.565 ng
RT: 8.604 min Scan# 916
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

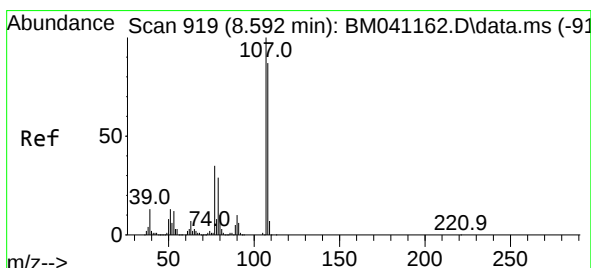
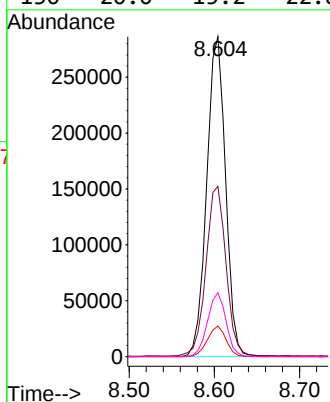
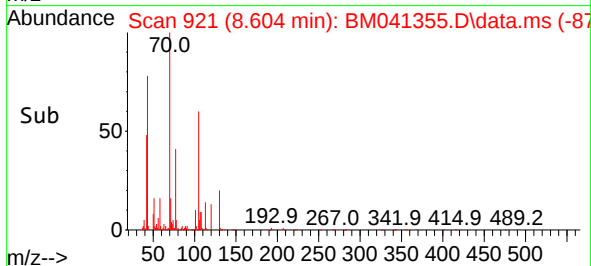
Instrument :
BNA_M
ClientSampleId :
PB154720BS



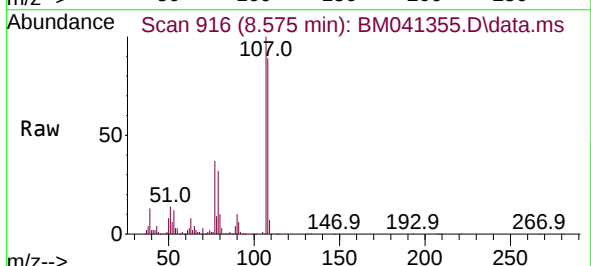
Tgt Ion: 70 Resp: 438405
Ion Ratio Lower Upper
70 100
42 53.2 45.8 68.8
101 9.5 7.4 11.0
130 20.0 15.2 22.8

Manual Integrations
APPROVED

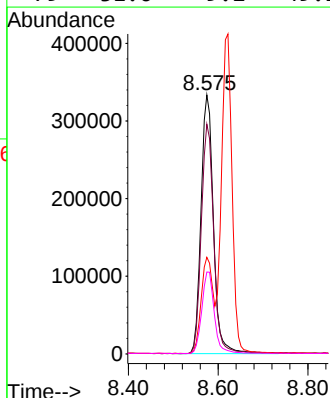
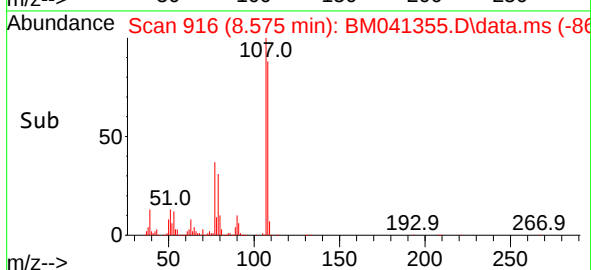
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

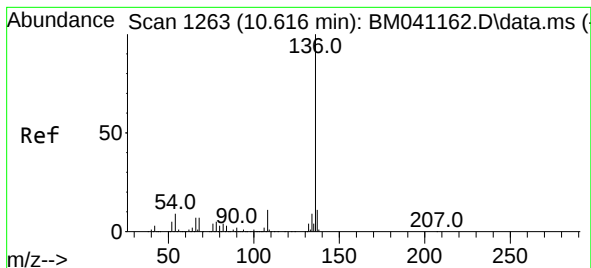


#20
3+4-Methylphenols
Concen: 55.994 ng
RT: 8.575 min Scan# 916
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



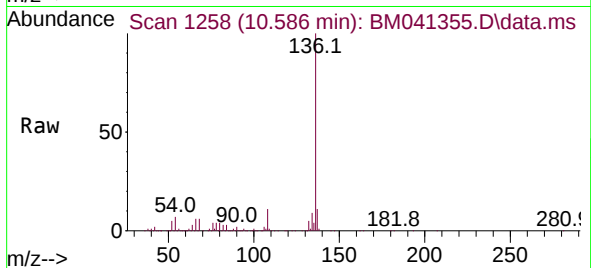
Tgt Ion:107 Resp: 641713
Ion Ratio Lower Upper
107 100
108 88.6 67.2 107.2
77 37.3 15.4 55.4
79 31.6 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

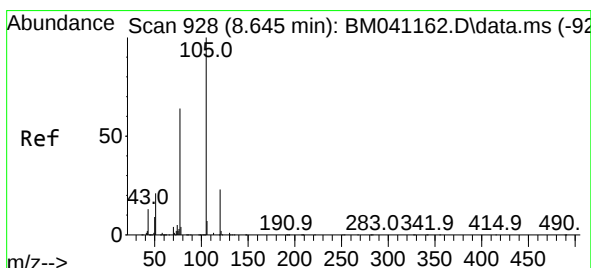
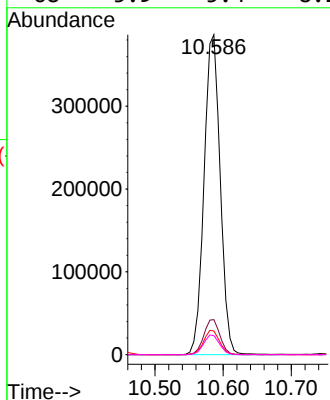
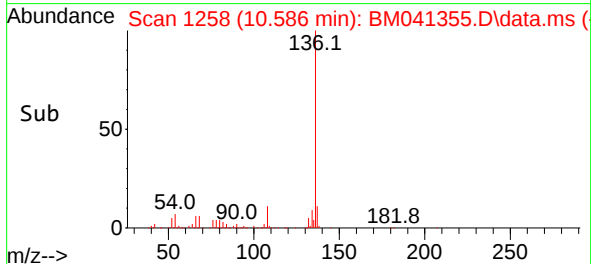
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:136 Resp: 636017
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 6.9 10.3
68 5.9 5.4 8.2

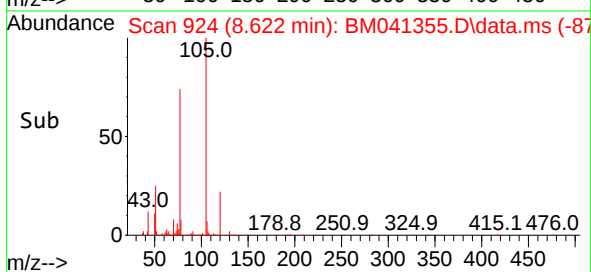
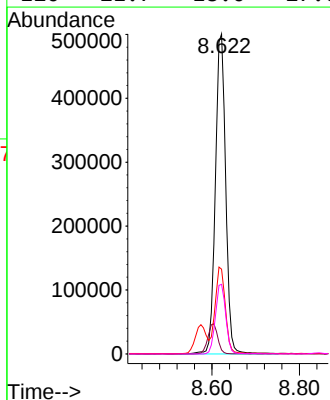
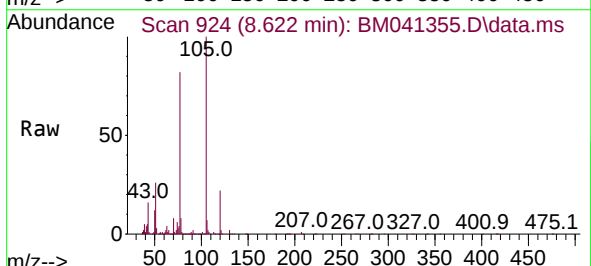
Manual Integrations
APPROVED

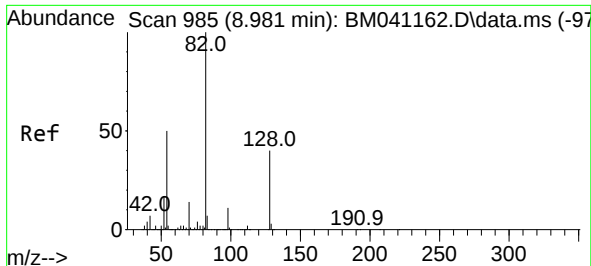
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#22
Acetophenone
Concen: 48.879 ng
RT: 8.622 min Scan# 924
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:105 Resp: 823343
Ion Ratio Lower Upper
105 100
71 1.2 1.2 1.8
51 26.5 22.0 33.0
120 21.7 18.0 27.0





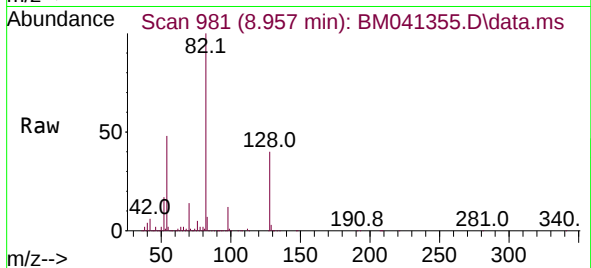
#23
Nitrobenzene-d5
Concen: 92.755 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

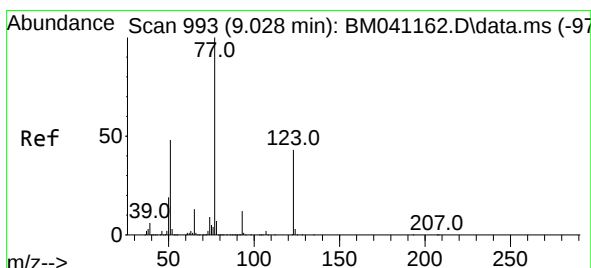
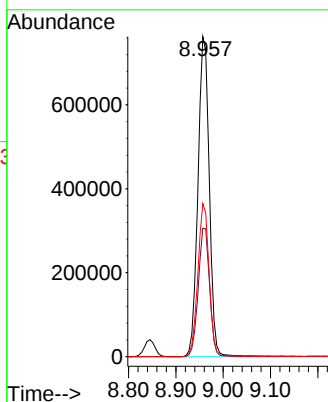
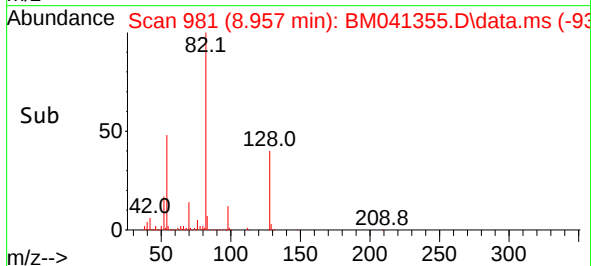


Tgt Ion: 82 Resp: 1268552
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 47.8 40.1 60.1

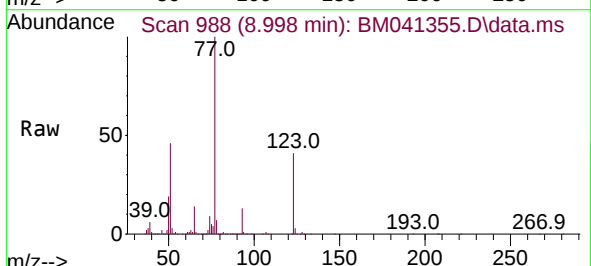
Manual Integrations

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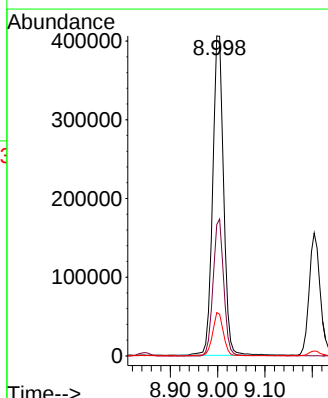
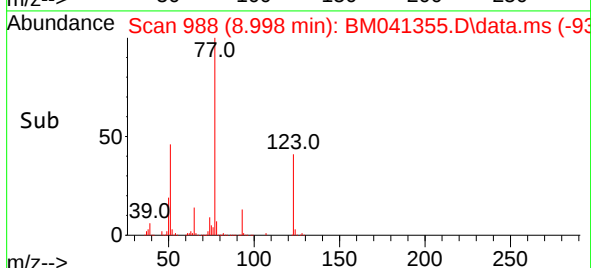
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

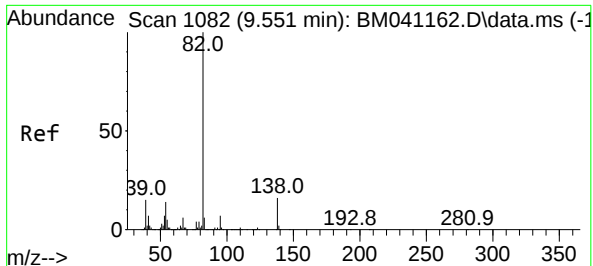


#24
Nitrobenzene
Concen: 47.107 ng
RT: 8.998 min Scan# 988
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



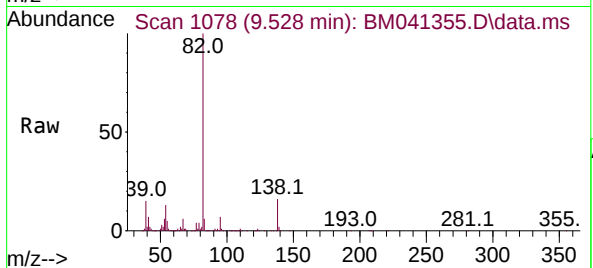
Tgt Ion: 77 Resp: 651522
Ion Ratio Lower Upper
77 100
123 41.0 34.2 51.2
65 13.5 10.7 16.1





#25
Isophorone
Concen: 52.373 ng
RT: 9.528 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

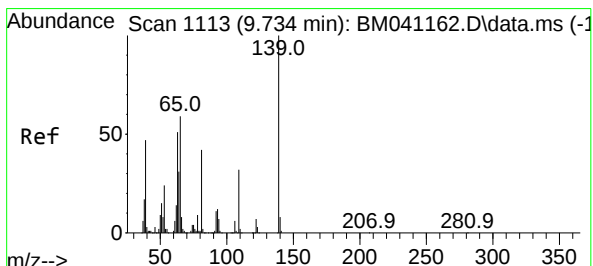
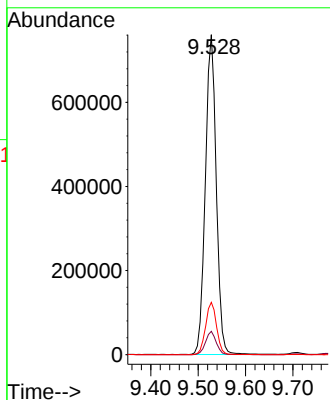
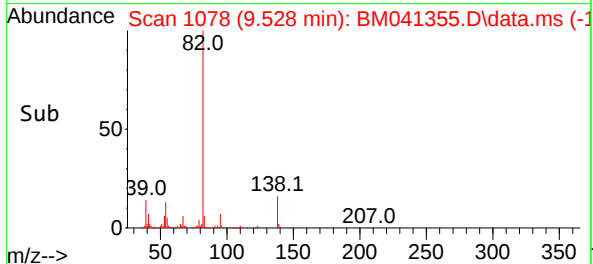
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion: 82 Resp: 121590
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 16.3 12.8 19.2

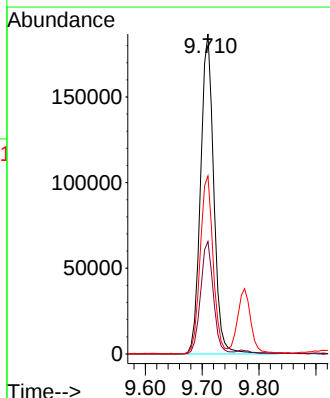
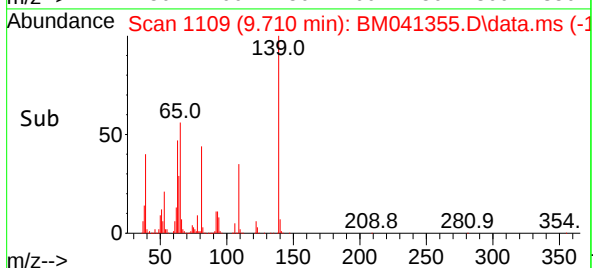
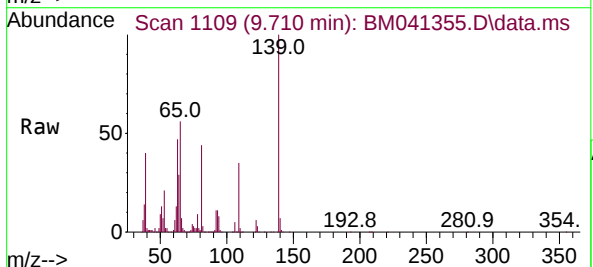
Manual Integrations
APPROVED

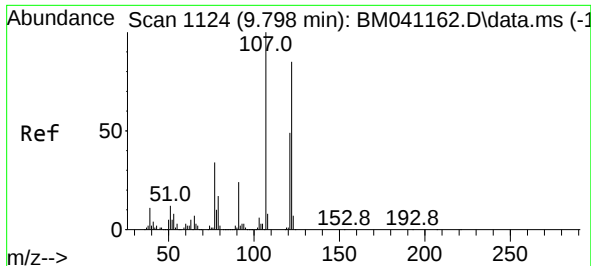
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#26
2-Nitrophenol
Concen: 55.717 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:139 Resp: 301249
Ion Ratio Lower Upper
139 100
109 35.1 25.4 38.2
65 55.6 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 51.036 ng

RT: 9.775 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM041355.D

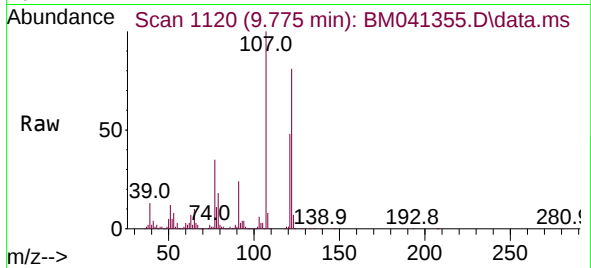
Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS



Tgt Ion:122 Resp: 485560

Ion Ratio Lower Upper

122 100

107 123.4 94.3 141.5

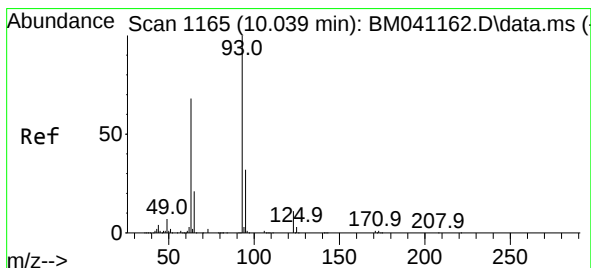
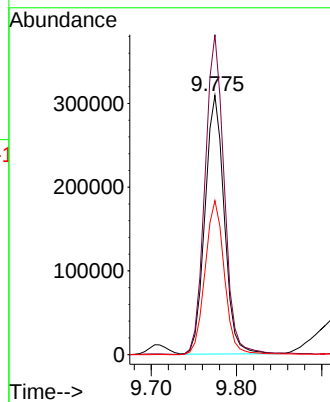
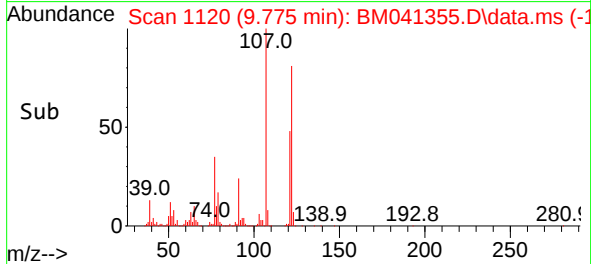
121 59.4 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#28

bis(2-Chloroethoxy)methane

Concen: 49.160 ng

RT: 10.010 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

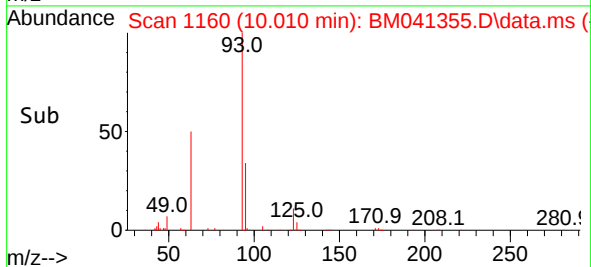
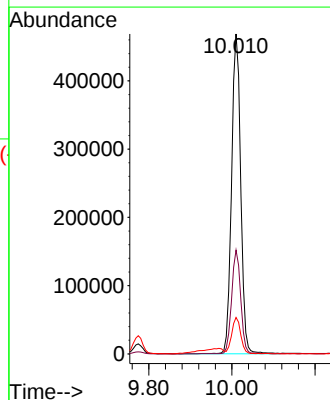
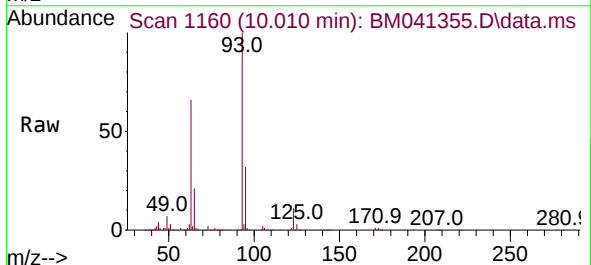
Tgt Ion: 93 Resp: 714909

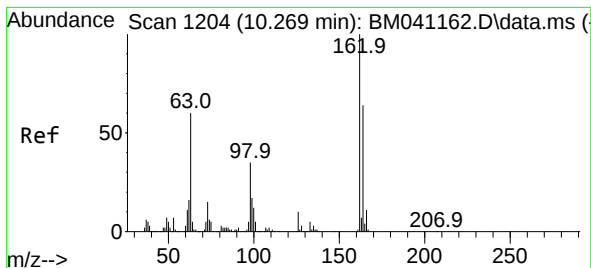
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.4 9.1 13.7





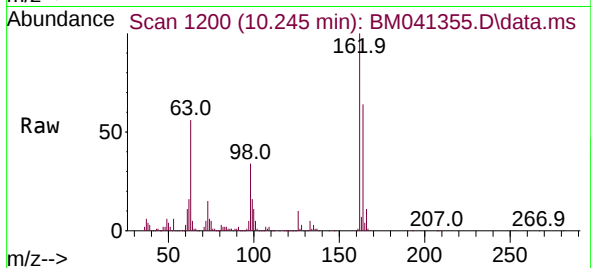
#29
2,4-Dichlorophenol
Concen: 58.273 ng
RT: 10.245 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

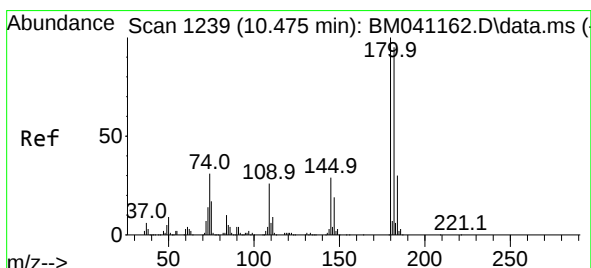
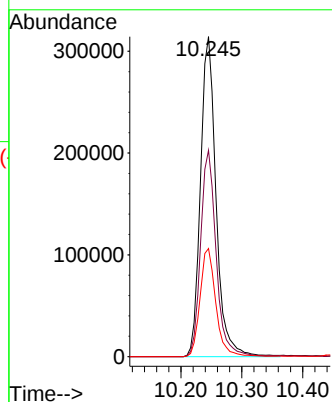
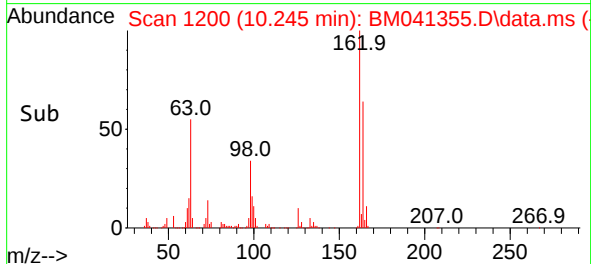


Tgt Ion:162 Resp: 559095
Ion Ratio Lower Upper
162 100
164 64.5 44.3 84.3
98 33.8 15.1 55.1

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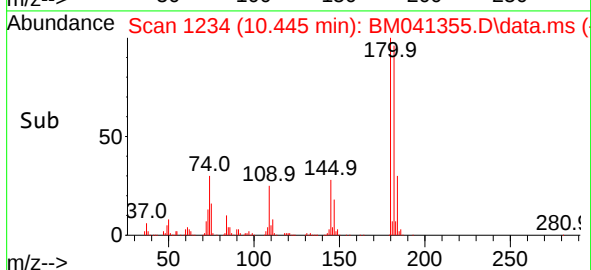
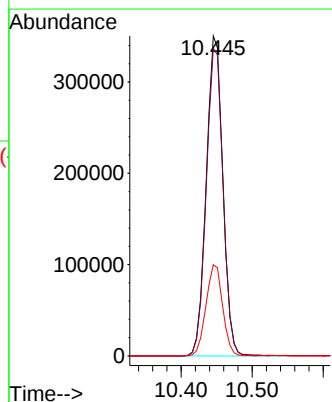
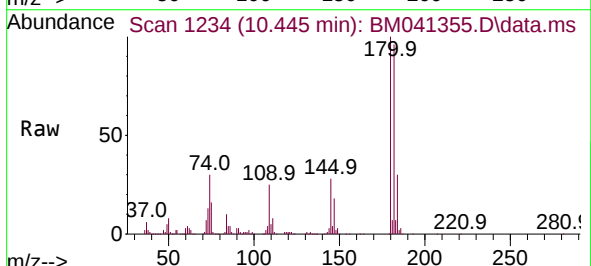
APPROVED

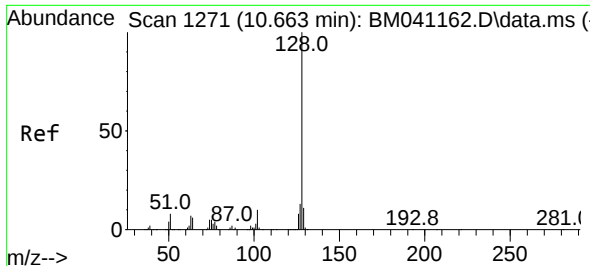
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#30
1,2,4-Trichlorobenzene
Concen: 53.555 ng
RT: 10.445 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

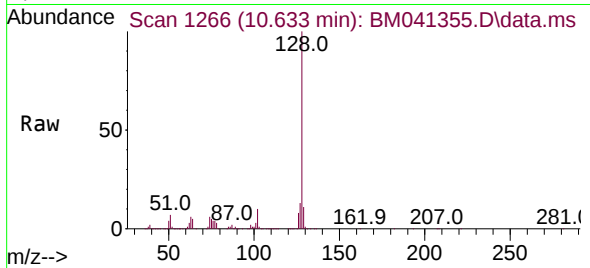
Tgt Ion:180 Resp: 567699
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
145 28.5 23.6 35.4





#31
Naphthalene
Concen: 47.452 ng
RT: 10.633 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

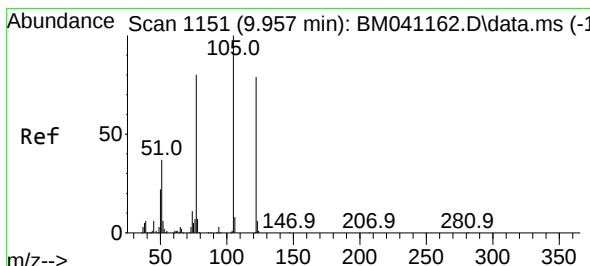
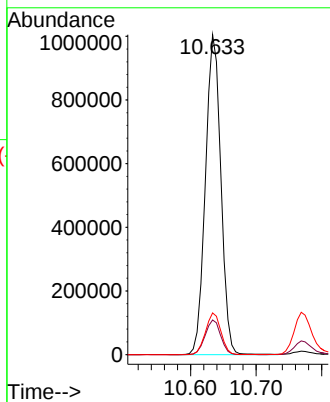
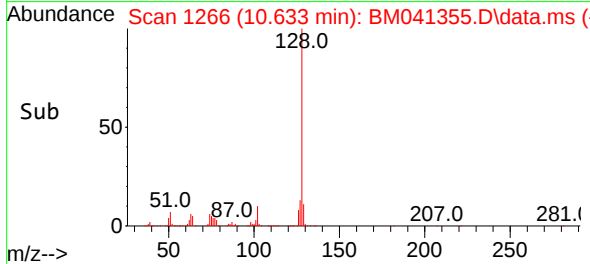
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:128 Resp: 163775
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.5 15.7

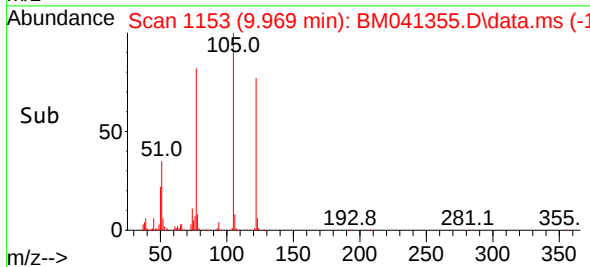
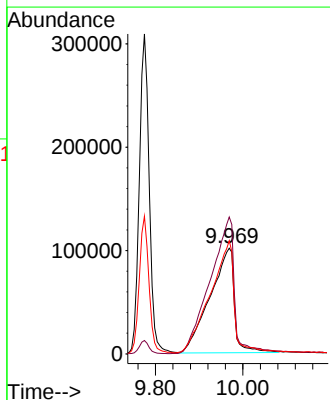
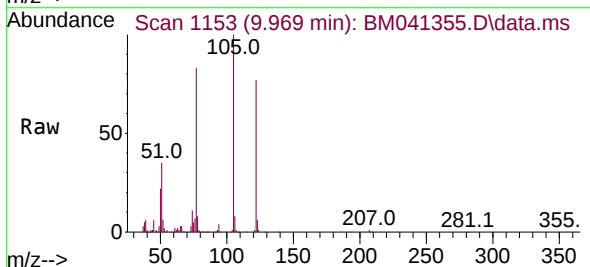
Manual Integrations
APPROVED

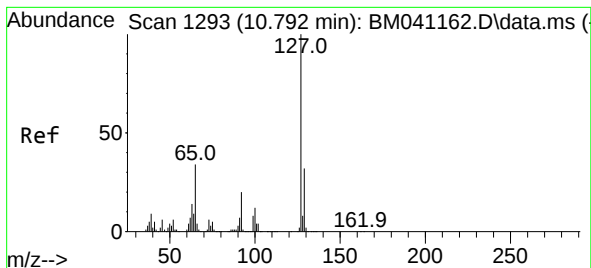
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#32
Benzoic acid
Concen: 53.953 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

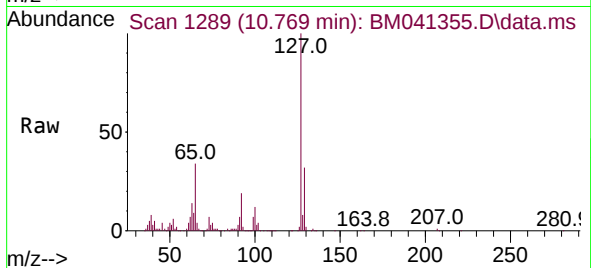
Tgt Ion:122 Resp: 392978
Ion Ratio Lower Upper
122 100
105 129.4 104.0 144.0
77 107.0 79.9 119.9





#33
4-Chloroaniline
Concen: 19.438 ng
RT: 10.769 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

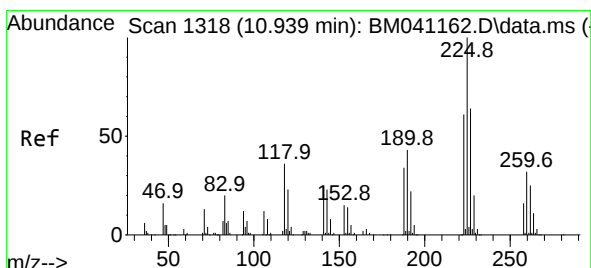
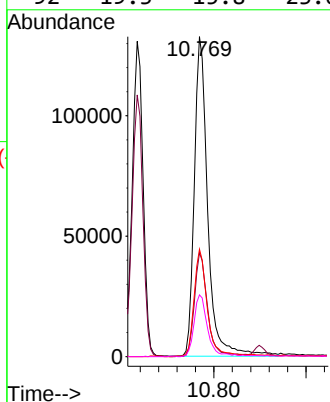
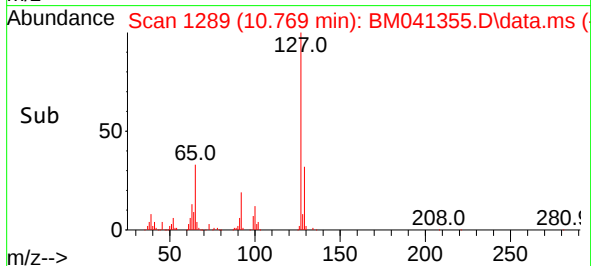
Instrument :
BNA_M
ClientSampleId :
PB154720BS



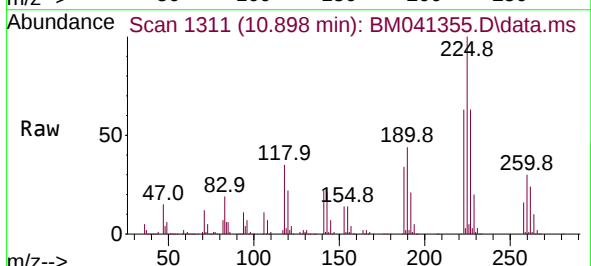
Tgt Ion:127 Resp: 268104
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 33.6 26.9 40.3
92 19.3 15.8 23.6

Manual Integrations
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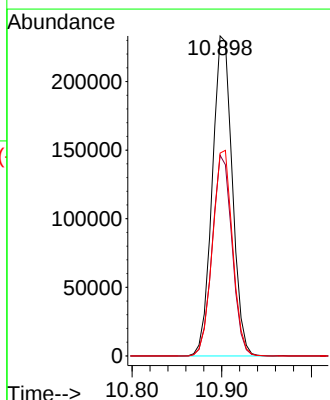
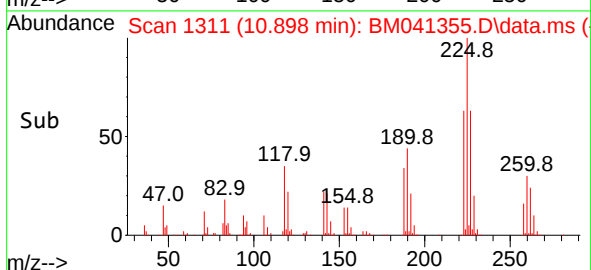
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

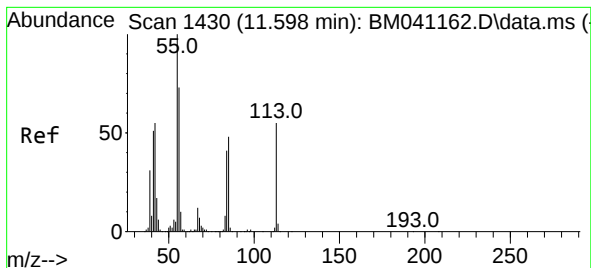


#34
Hexachlorobutadiene
Concen: 56.712 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



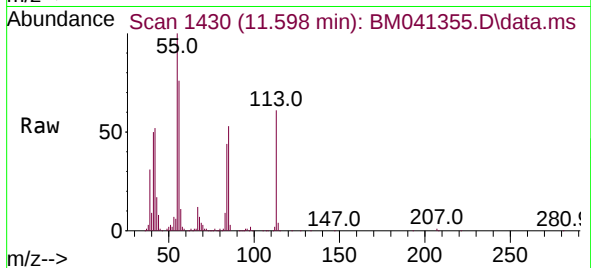
Tgt Ion:225 Resp: 361562
Ion Ratio Lower Upper
225 100
223 62.7 49.0 73.4
227 63.4 50.8 76.2





#35
Caprolactam
Concen: 61.561 ng m
RT: 11.598 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

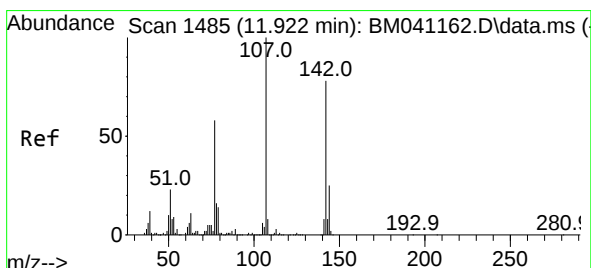
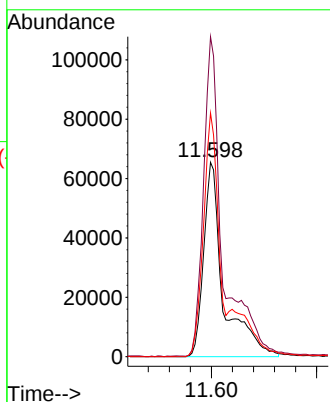
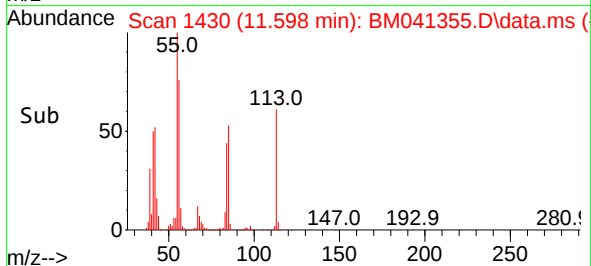
Instrument :
BNA_M
ClientSampleId :
PB154720BS



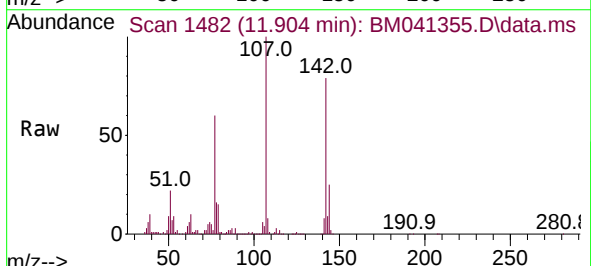
Tgt Ion:113 Resp: 170862
Ion Ratio Lower Upper
113 100
55 164.7 162.5 202.5
56 125.3 114.1 154.1

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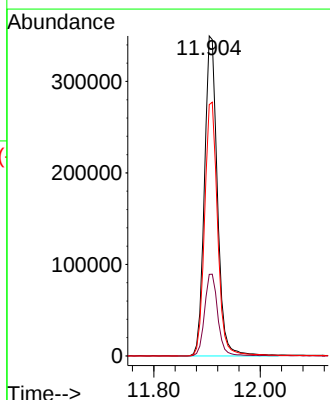
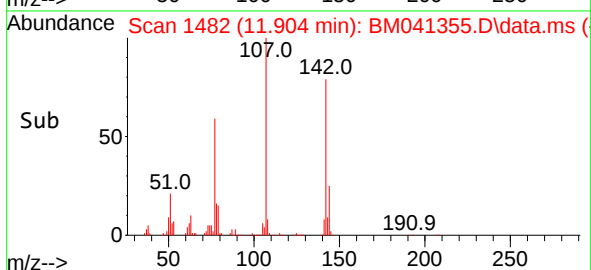
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

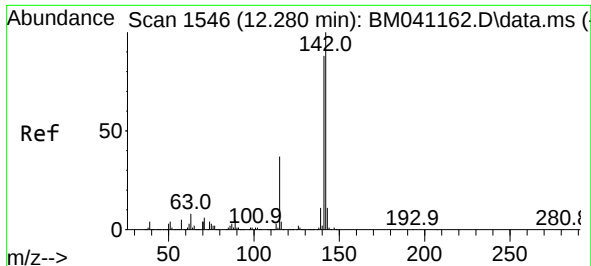


#36
4-Chloro-3-methylphenol
Concen: 58.342 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



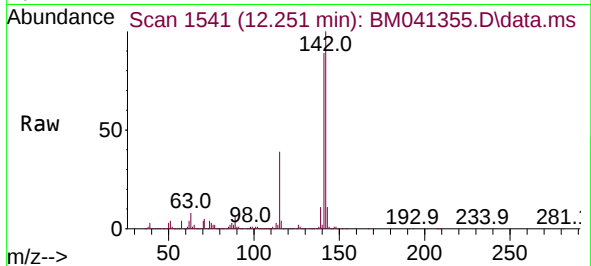
Tgt Ion:107 Resp: 589160
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 78.5 62.2 93.4





#37
2-Methylnaphthalene
Concen: 49.630 ng
RT: 12.251 min Scan# 1154810
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

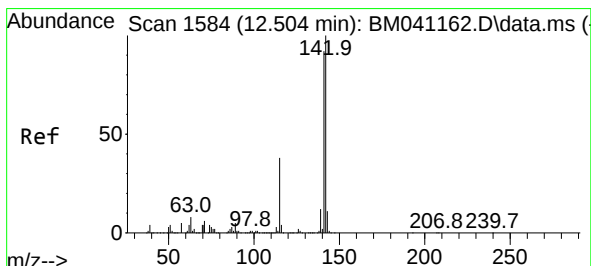
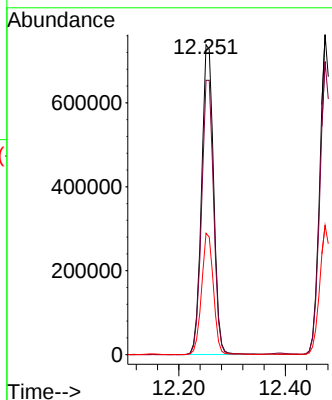
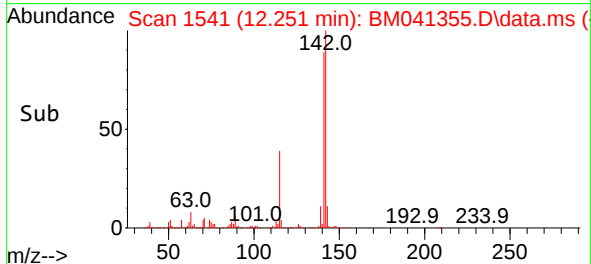
Instrument :
BNA_M
ClientSampleId :
PB154720BS



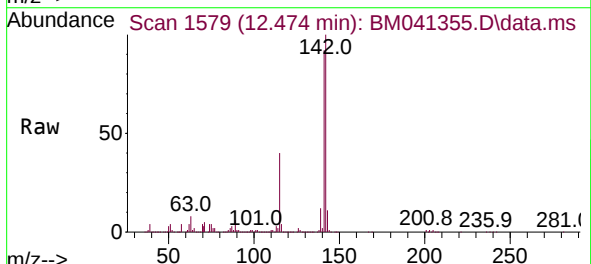
Tgt Ion:142 Resp: 1154810
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1
115 39.2 29.3 43.9

Manual Integrations
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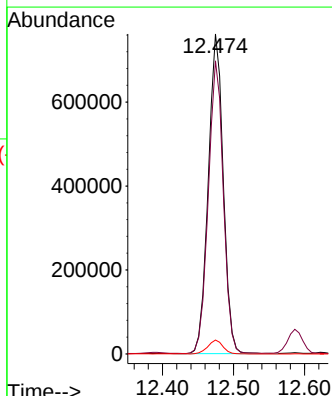
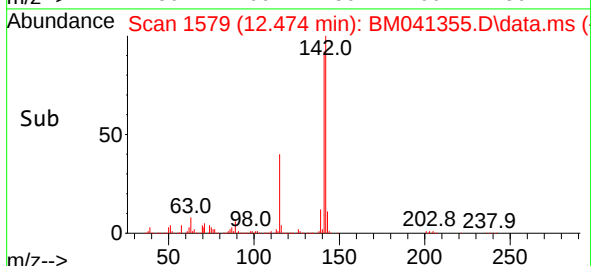
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

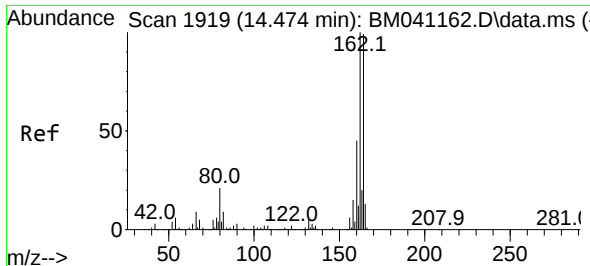


#38
1-Methylnaphthalene
Concen: 51.244 ng
RT: 12.474 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



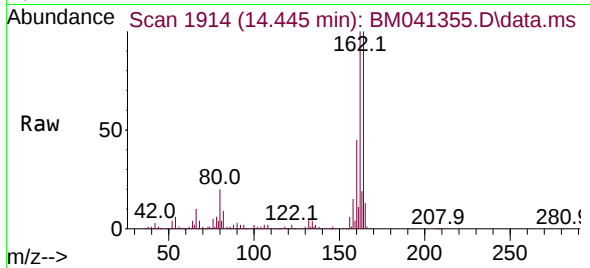
Tgt Ion:142 Resp: 1115991
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

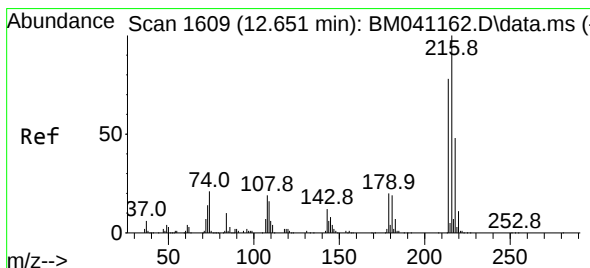
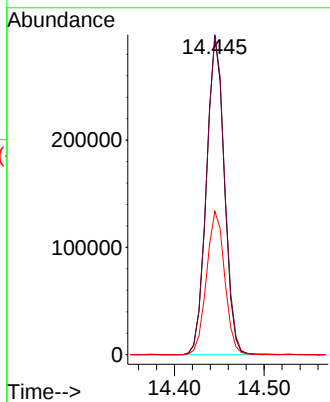
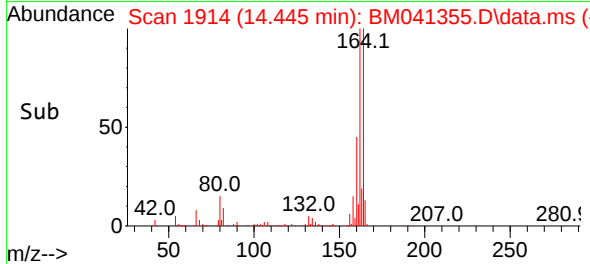
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:164 Resp: 411625
Ion Ratio Lower Upper
164 100
162 100.4 80.4 120.6
160 45.0 36.2 54.2

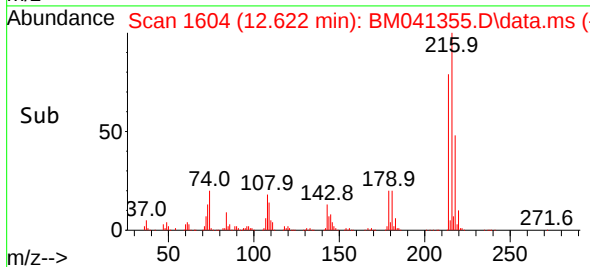
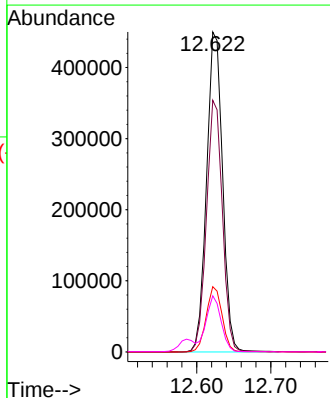
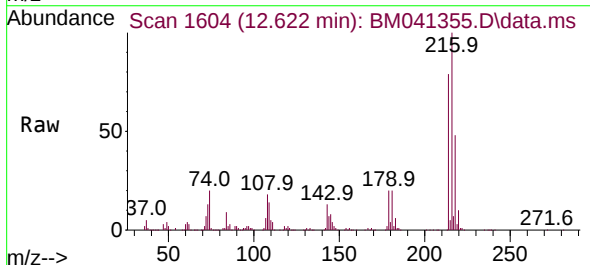
Manual Integrations
APPROVED

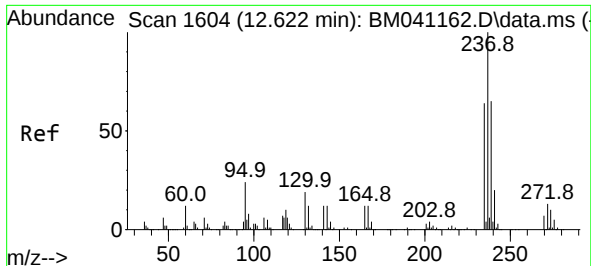
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.429 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

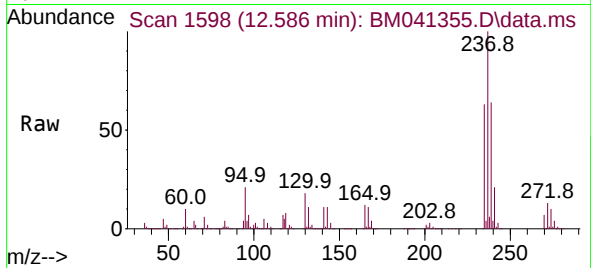
Tgt Ion:216 Resp: 674027
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 20.2 16.2 24.2
108 16.5 17.0 25.4#





#41
Hexachlorocyclopentadiene
Concen: 107.486 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

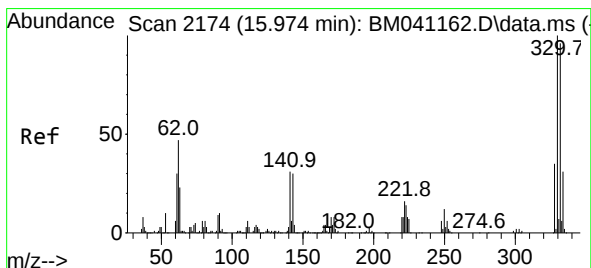
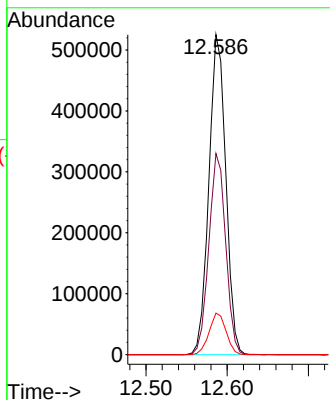
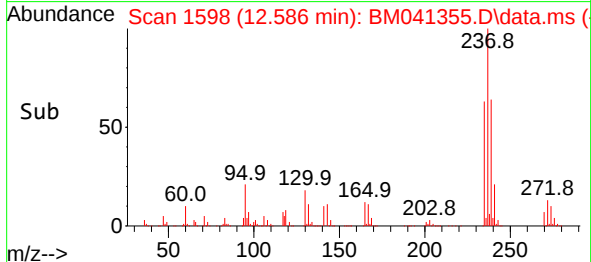
Instrument :
BNA_M
ClientSampleId :
PB154720BS



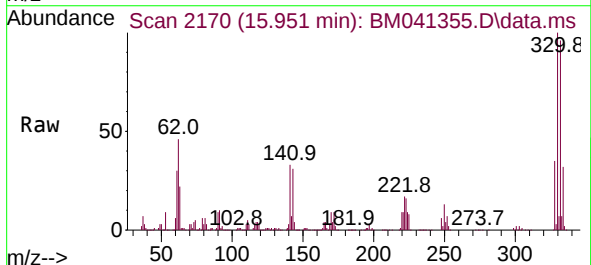
Tgt Ion:237 Resp: 760056
Ion Ratio Lower Upper
237 100
235 62.8 43.6 83.6
272 13.0 0.0 33.3

Manual Integrations
APPROVED

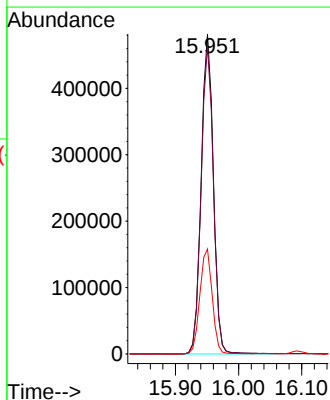
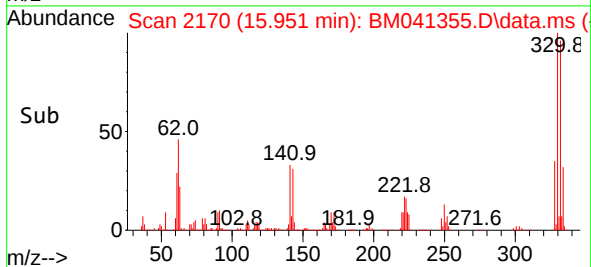
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

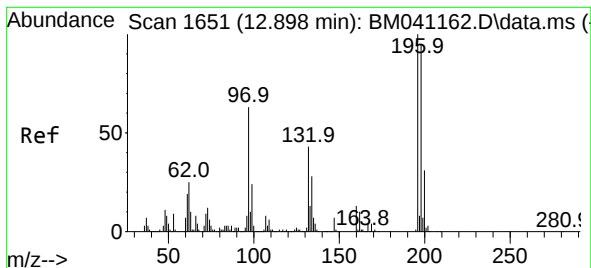


#42
2,4,6-Tribromophenol
Concen: 110.724 ng
RT: 15.951 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



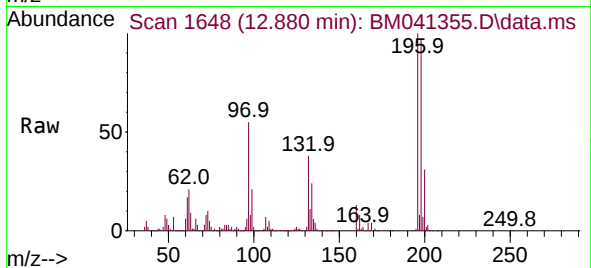
Tgt Ion:330 Resp: 644657
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 33.3 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 56.574 ng
RT: 12.880 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

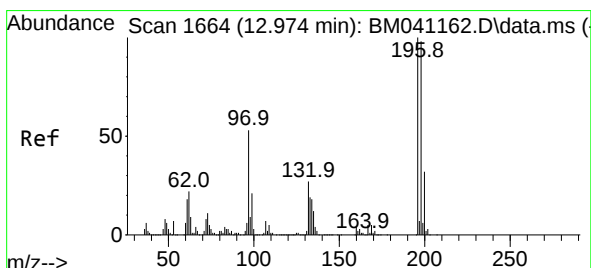
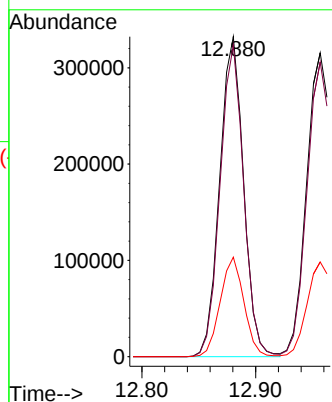
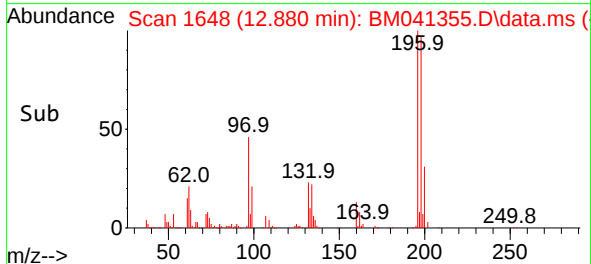
Instrument :
BNA_M
ClientSampleId :
PB154720BS



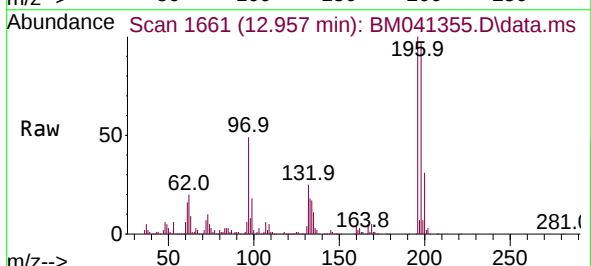
Tgt Ion:196 Resp: 484660
Ion Ratio Lower Upper
196 100
198 97.4 76.2 114.4
200 31.1 24.6 36.8

Manual Integrations
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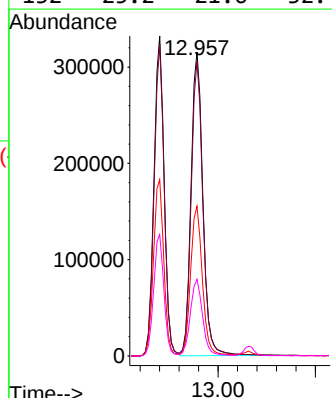
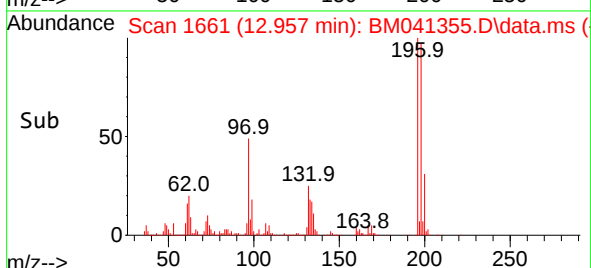
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

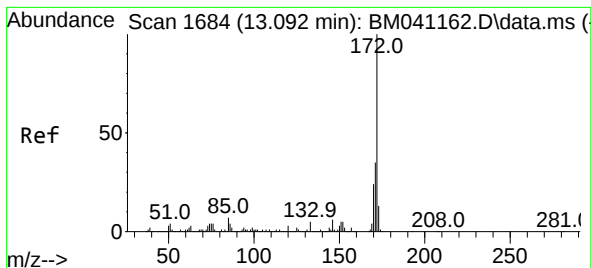


#44
2,4,5-Trichlorophenol
Concen: 53.695 ng
RT: 12.957 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



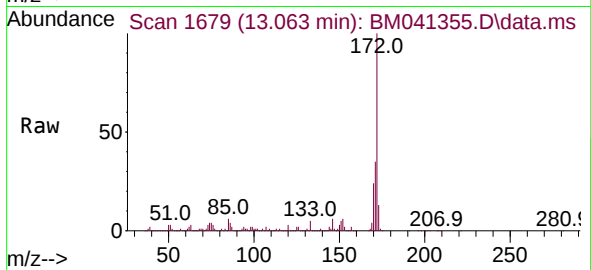
Tgt Ion:196 Resp: 532406
Ion Ratio Lower Upper
196 100
198 97.0 78.2 117.4
97 49.3 42.7 64.1
132 25.2 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 92.297 ng
RT: 13.063 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

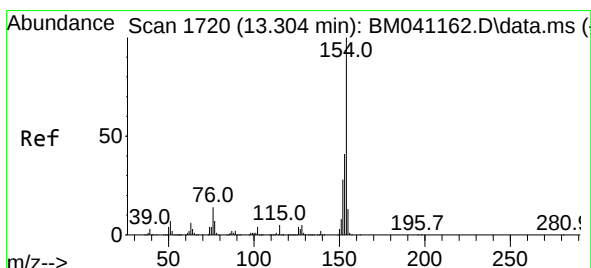
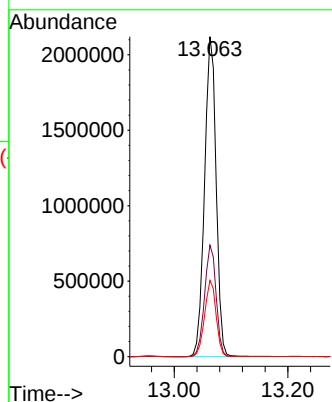
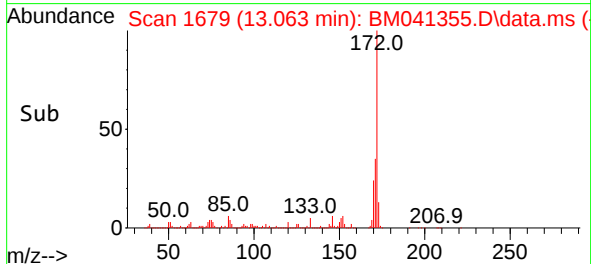
Instrument :
BNA_M
ClientSampleId :
PB154720BS



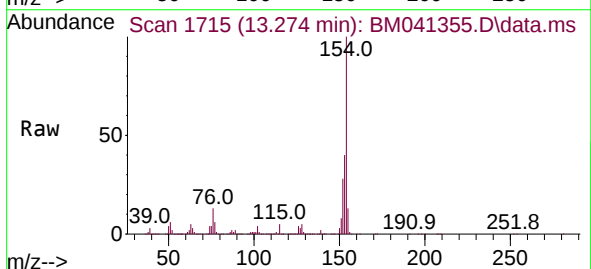
Tgt Ion:172 Resp: 3007455
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 18.9 28.3

Manual Integrations
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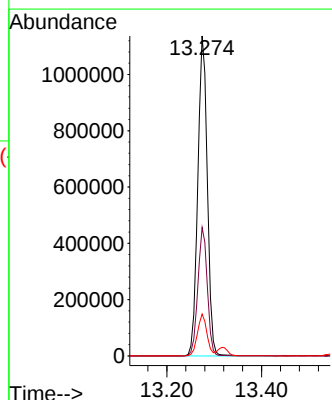
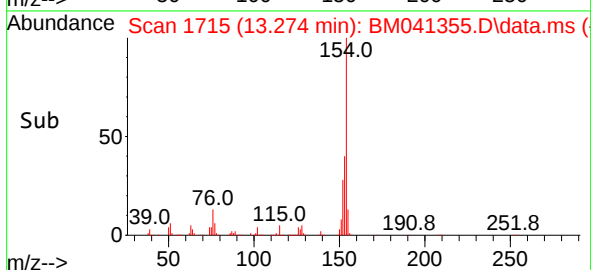
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

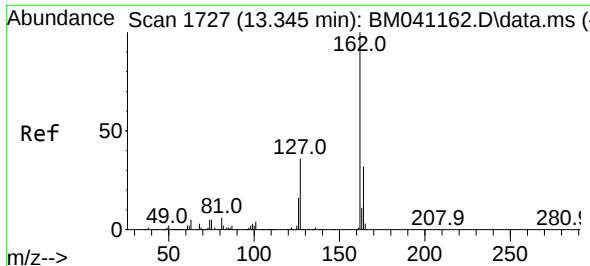


#46
1,1'-Biphenyl
Concen: 47.568 ng
RT: 13.274 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



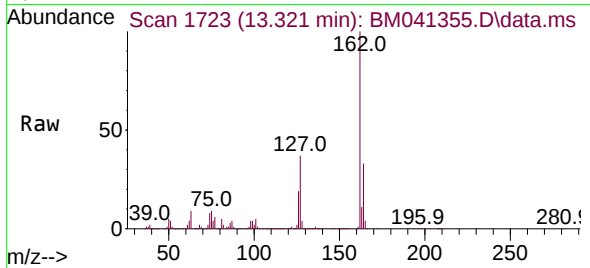
Tgt Ion:154 Resp: 1587355
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 13.1 0.0 34.1





#47
2-Chloronaphthalene
Concen: 50.069 ng
RT: 13.321 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

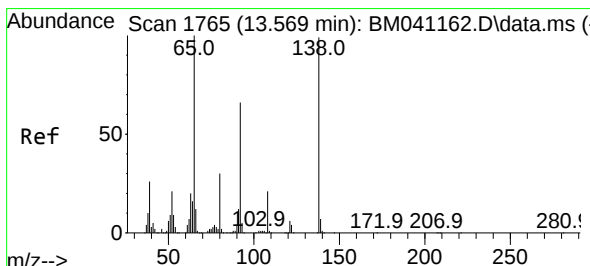
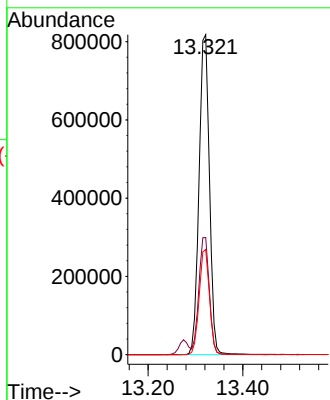
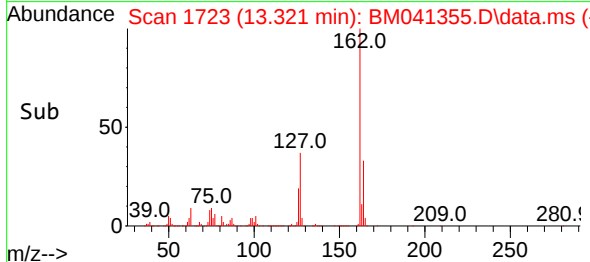
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:162 Resp: 1247535
Ion Ratio Lower Upper
162 100
127 36.6 30.6 45.8
164 32.8 25.6 38.4

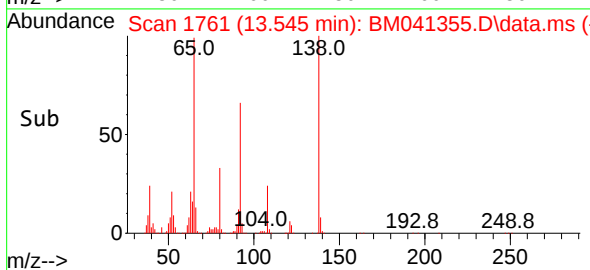
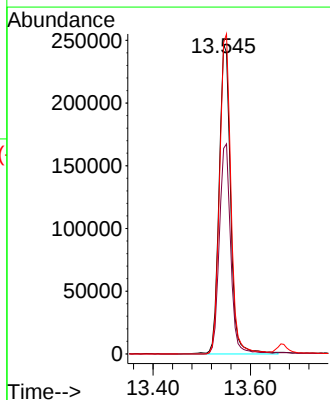
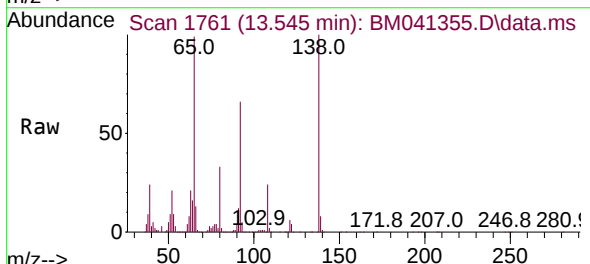
Manual Integrations
APPROVED

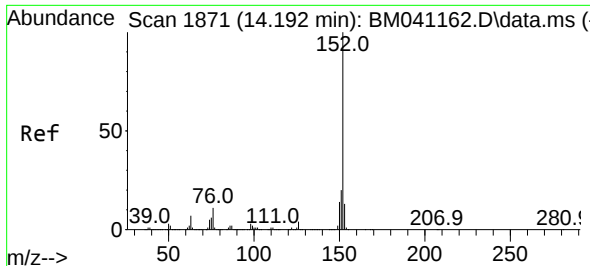
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#48
2-Nitroaniline
Concen: 50.311 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

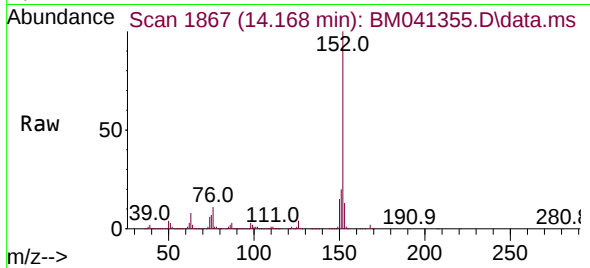
Tgt Ion: 65 Resp: 400136
Ion Ratio Lower Upper
65 100
92 66.4 53.0 79.4
138 100.6 79.1 118.7





#49
Acenaphthylene
Concen: 50.767 ng
RT: 14.168 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

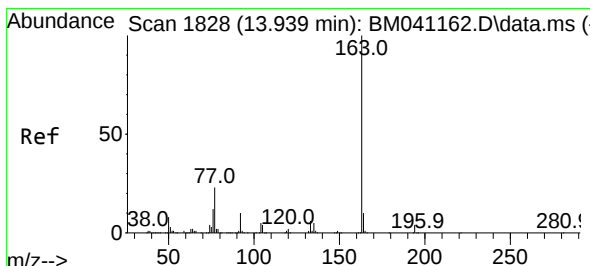
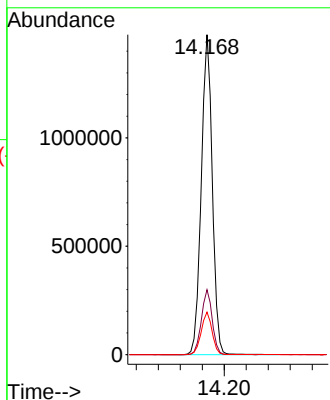
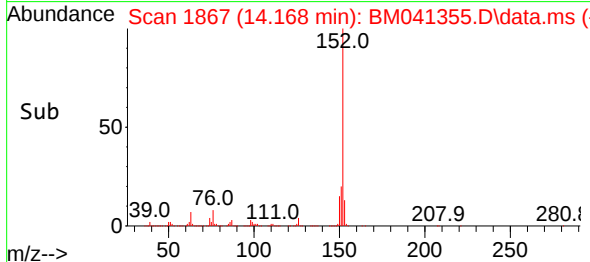
Instrument :
BNA_M
ClientSampleId :
PB154720BS



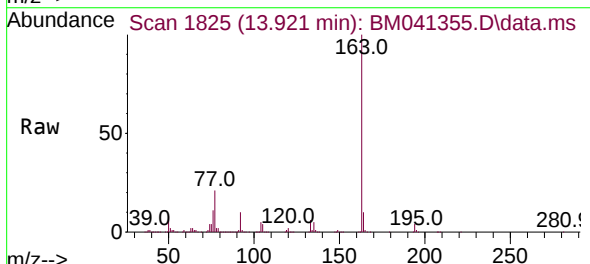
Tgt Ion:152 Resp: 2041672
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.3 10.5 15.7

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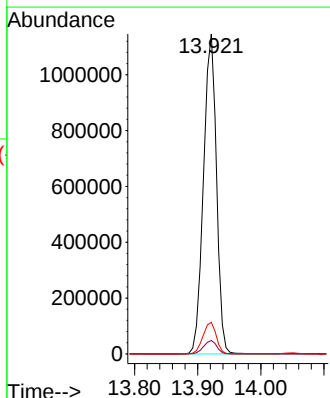
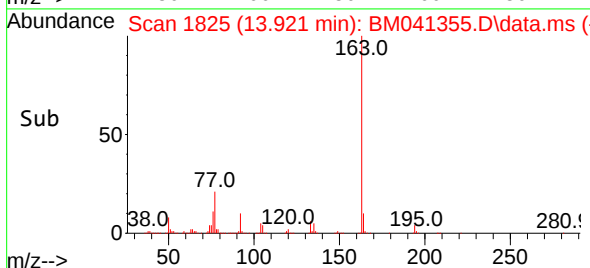
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

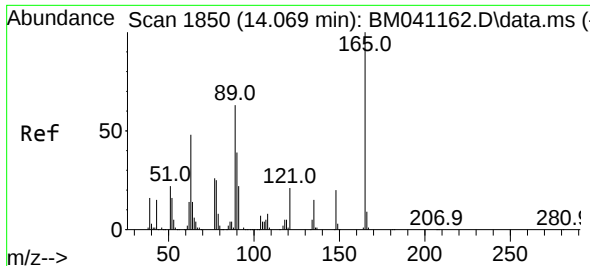


#50
Dimethylphthalate
Concen: 52.751 ng
RT: 13.921 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



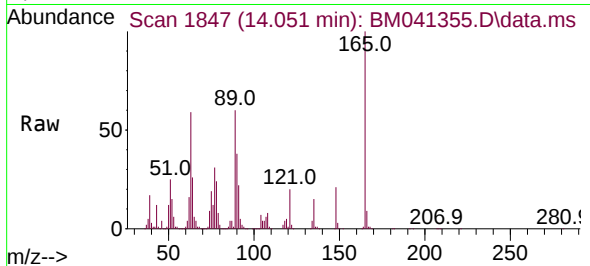
Tgt Ion:163 Resp: 1633349
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 56.218 ng
RT: 14.051 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

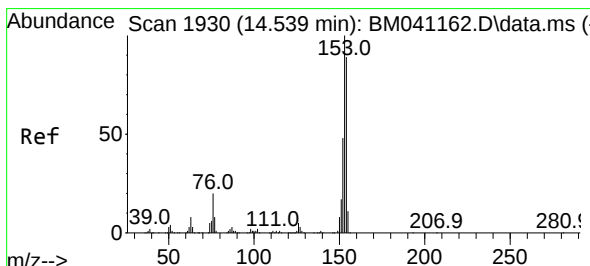
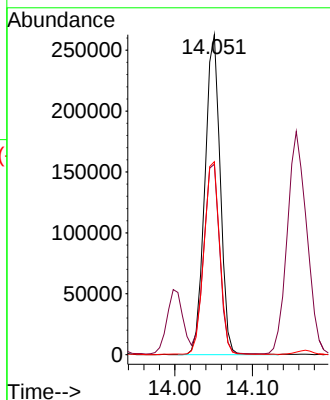
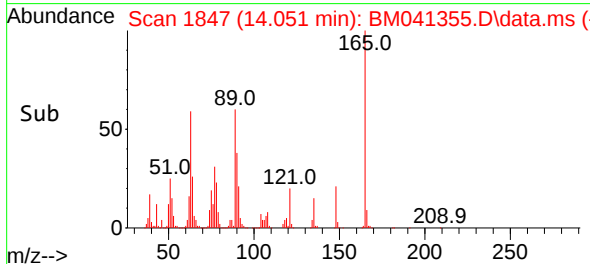
Instrument :
BNA_M
ClientSampleId :
PB154720BS



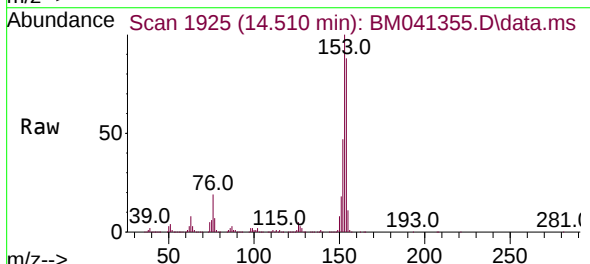
Tgt Ion:165 Resp: 360669
Ion Ratio Lower Upper
165 100
63 59.5 50.9 76.3
89 60.3 50.6 76.0

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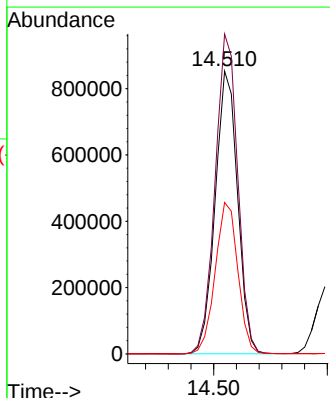
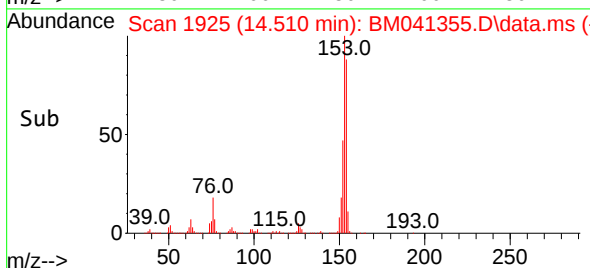
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

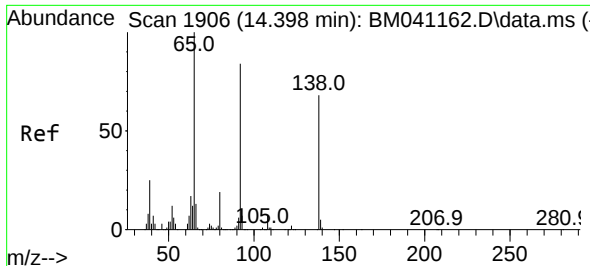


#52
Acenaphthene
Concen: 48.255 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



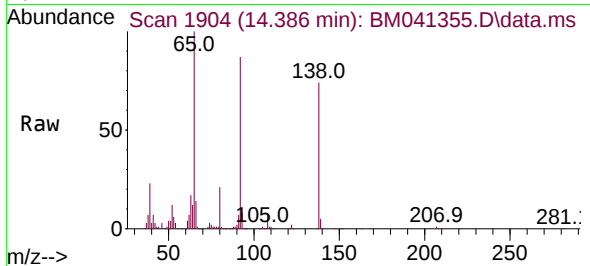
Tgt Ion:154 Resp: 1169109
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.4
152 53.6 43.4 65.0





#53
3-Nitroaniline
Concen: 35.015 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

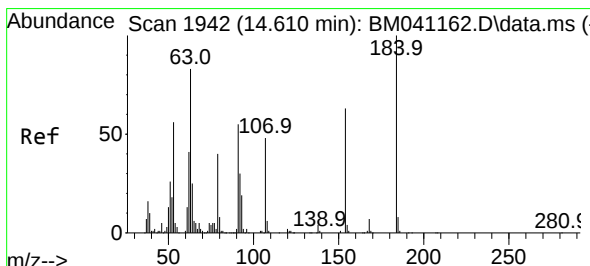
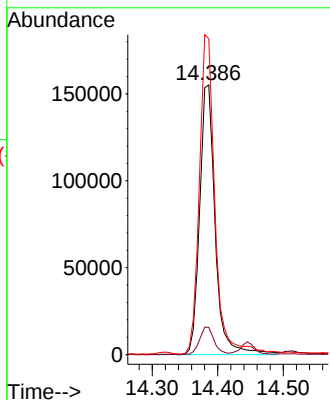
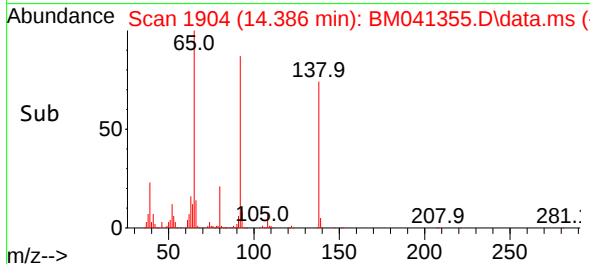
Instrument :
BNA_M
ClientSampleId :
PB154720BS



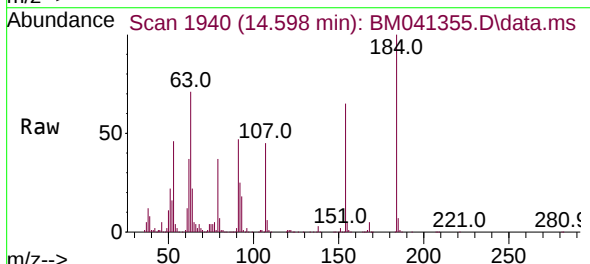
Tgt Ion:138 Resp: 254480
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 117.2 98.9 148.3

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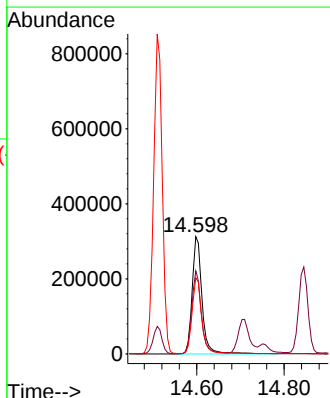
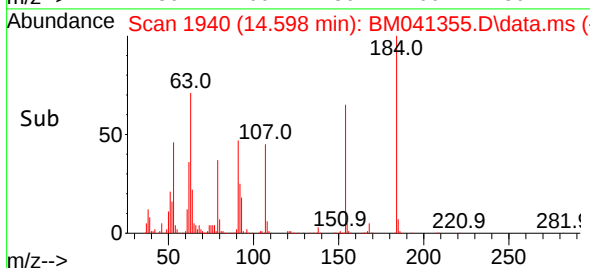
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

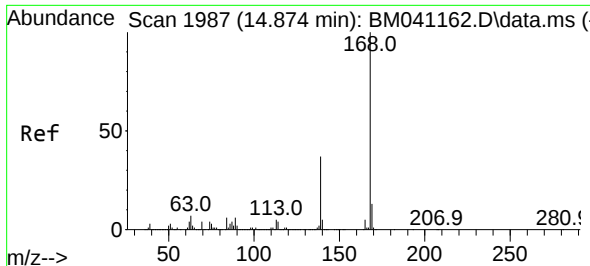


#54
2,4-Dinitrophenol
Concen: 110.716 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



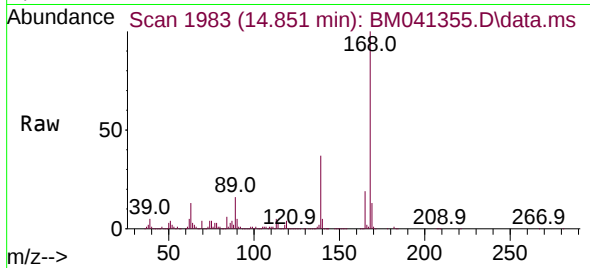
Tgt Ion:184 Resp: 490140
Ion Ratio Lower Upper
184 100
63 70.8 66.5 99.7
154 64.9 52.8 79.2





#55
Dibenzenofuran
Concen: 49.509 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

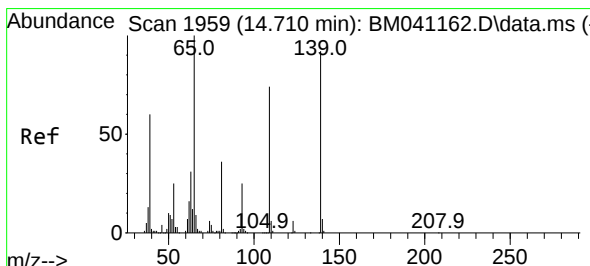
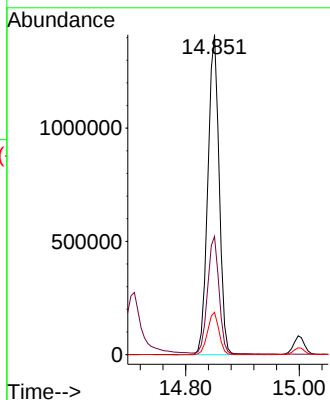
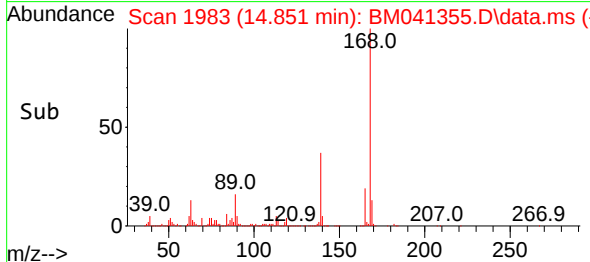
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:168 Resp: 1957037
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.6
169 13.2 10.5 15.7

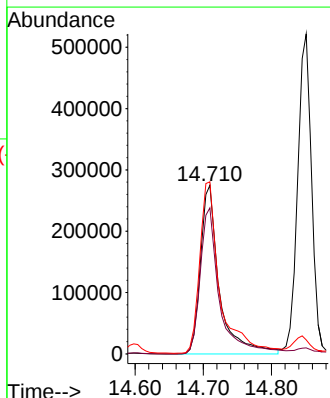
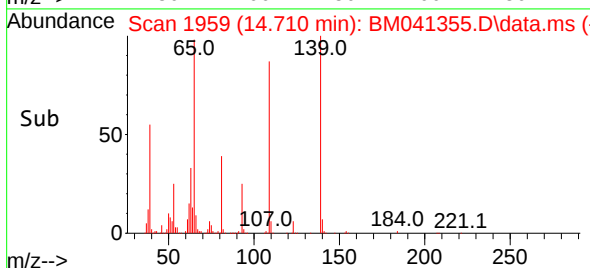
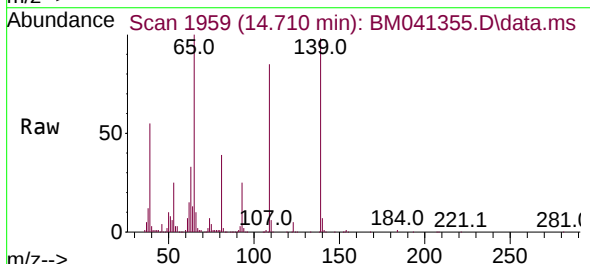
Manual Integrations
APPROVED

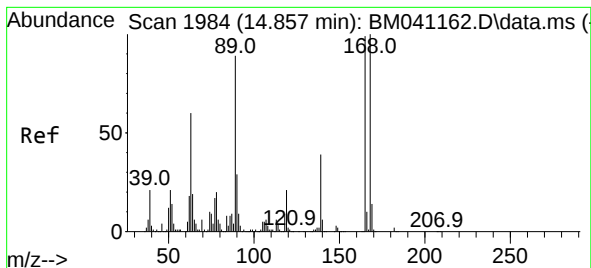
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#56
4-Nitrophenol
Concen: 99.039 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

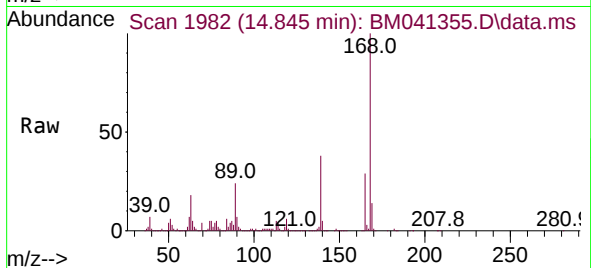
Tgt Ion:139 Resp: 529549
Ion Ratio Lower Upper
139 100
109 86.7 61.2 101.2
65 102.1 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 54.751 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

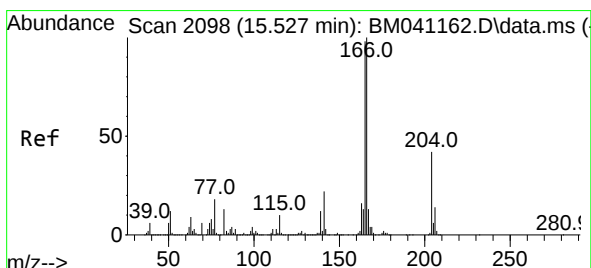
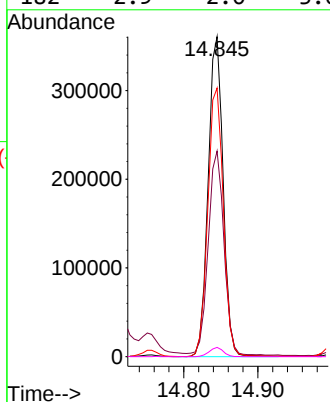
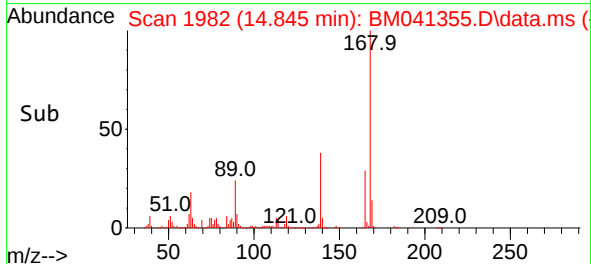
Instrument :
BNA_M
ClientSampleId :
PB154720BS



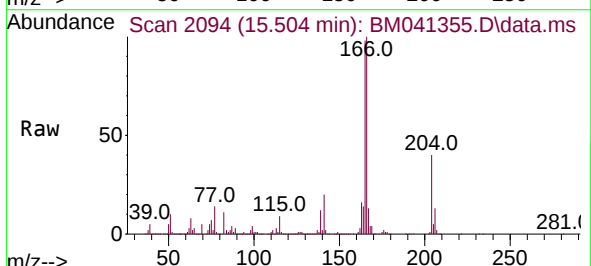
Tgt Ion:165 Resp: 505262
Ion Ratio Lower Upper
165 100
63 64.2 48.3 72.5
89 83.9 71.8 107.8
182 2.9 2.0 3.0

Manual Integrations
APPROVED

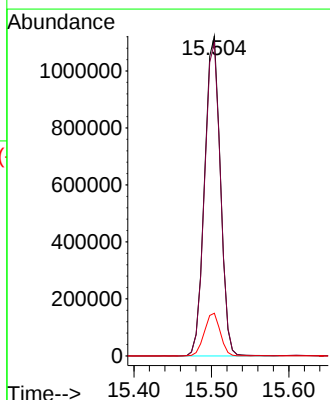
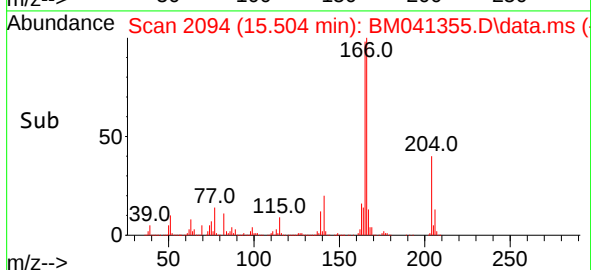
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

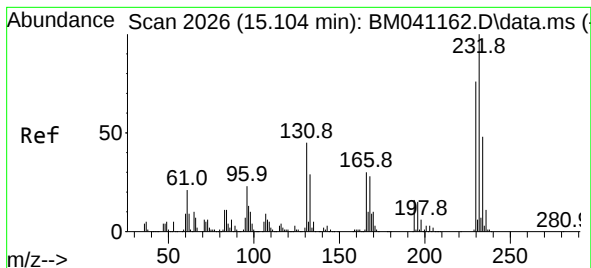


#58
Fluorene
Concen: 50.828 ng
RT: 15.504 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



Tgt Ion:166 Resp: 1585006
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 13.3 10.6 16.0





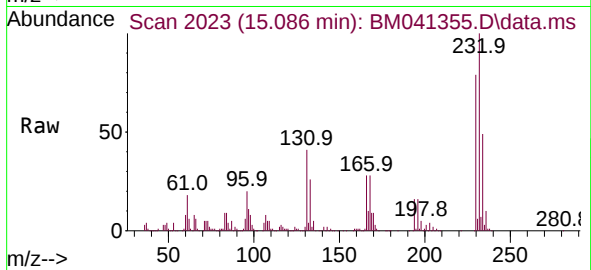
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.163 ng
RT: 15.086 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

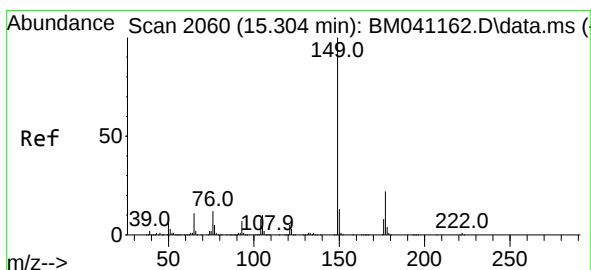
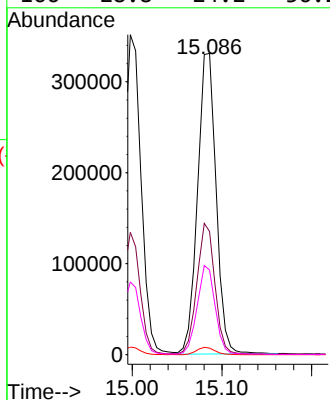
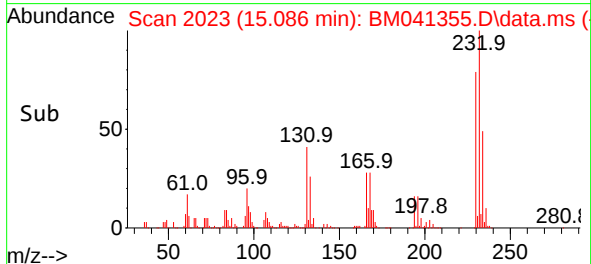


Tgt Ion:232 Resp: 475029
Ion Ratio Lower Upper
232 100
131 42.7 36.9 55.3
130 2.4 2.0 3.0
166 28.8 24.2 36.2

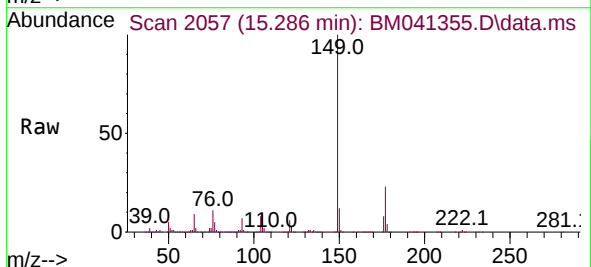
Manual Integrations

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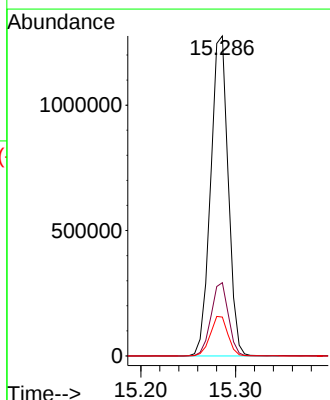
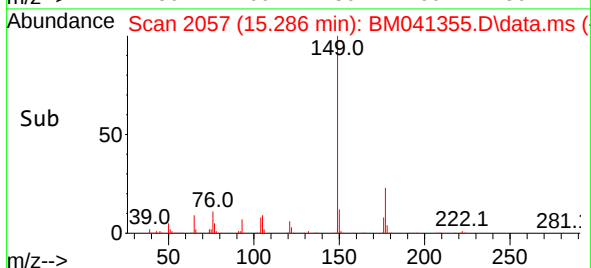
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

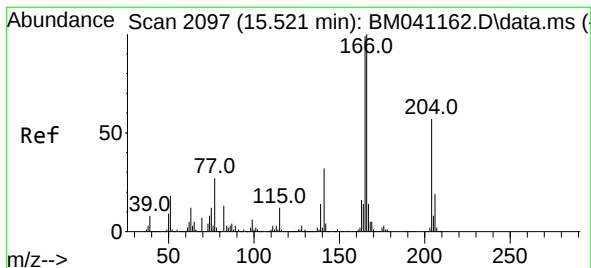


#60
Diethylphthalate
Concen: 54.955 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



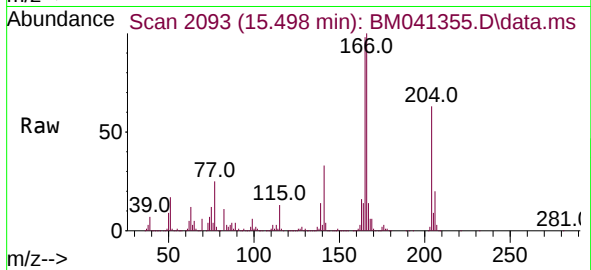
Tgt Ion:149 Resp: 1645499
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 54.349 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

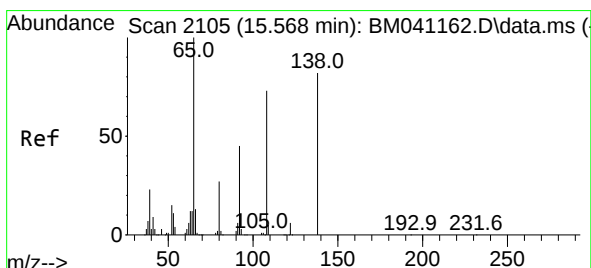
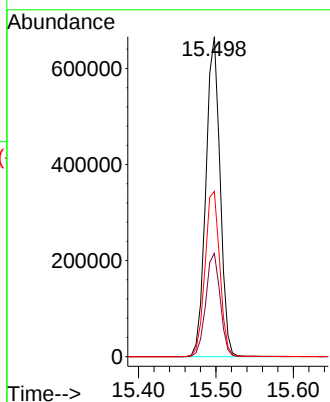
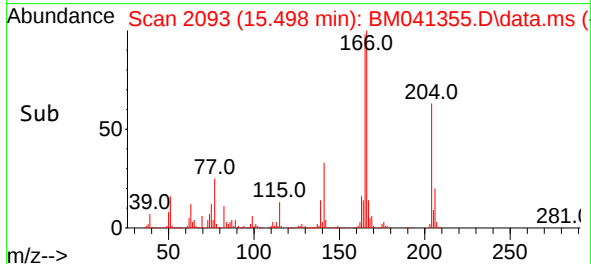
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:204 Resp: 84927
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 51.6 44.8 67.2

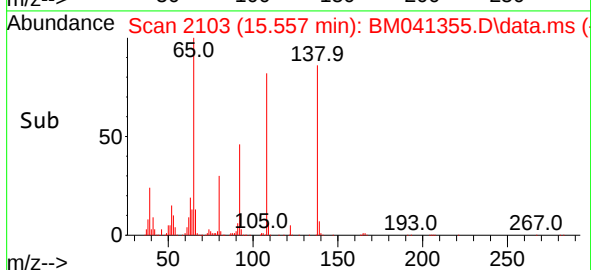
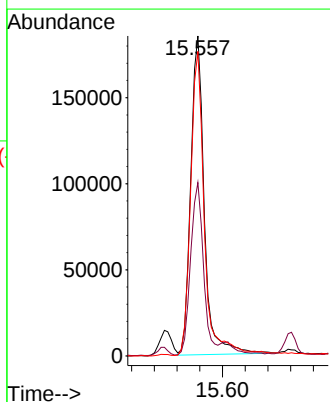
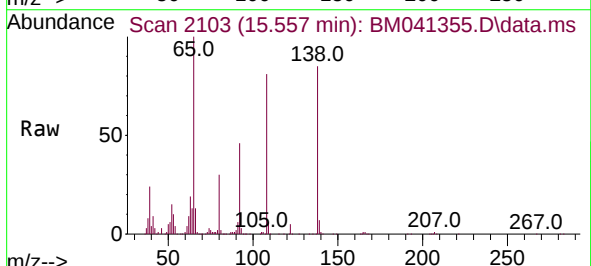
Manual Integrations
APPROVED

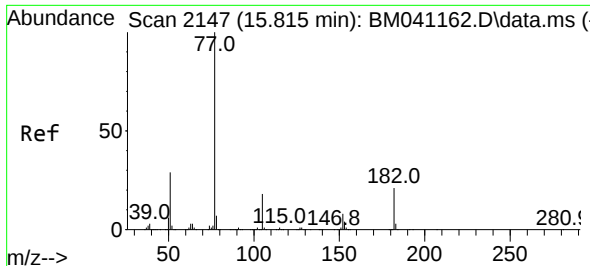
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#62
4-Nitroaniline
Concen: 45.119 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

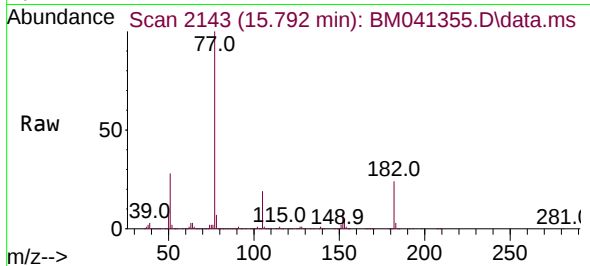
Tgt Ion:138 Resp: 306869
Ion Ratio Lower Upper
138 100
92 54.2 35.1 75.1
108 95.1 67.8 107.8





#63
Azobenzene
Concen: 50.012 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

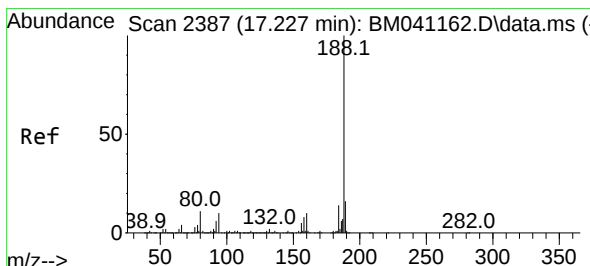
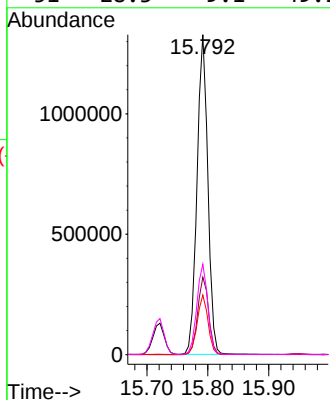
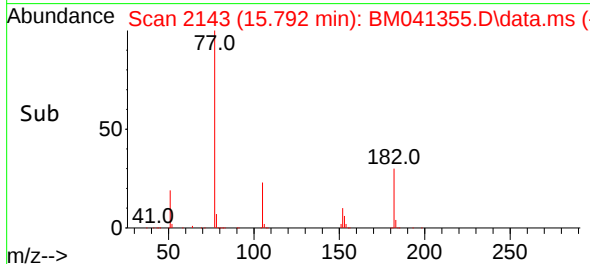
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion: 77 Resp: 1640352
Ion Ratio Lower Upper
77 100
182 24.2 1.3 41.3
105 18.6 0.0 38.5
51 28.3 9.1 49.1

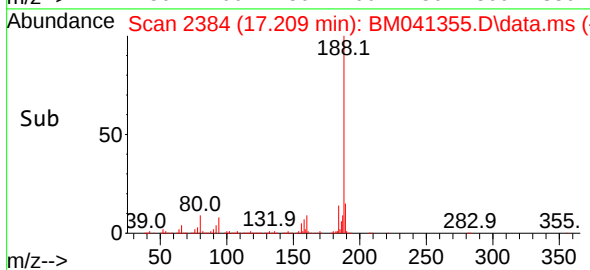
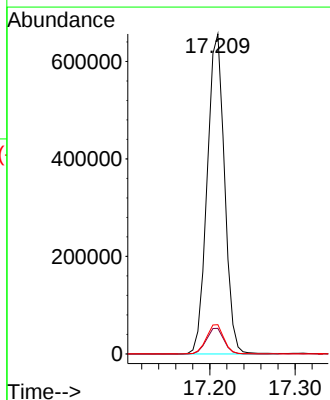
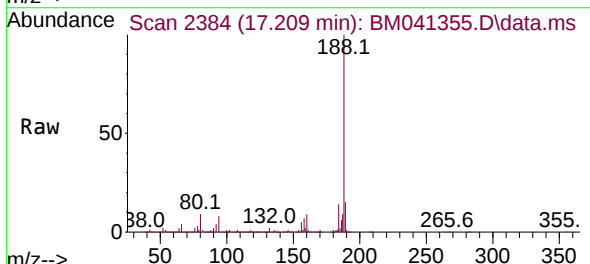
Manual Integrations
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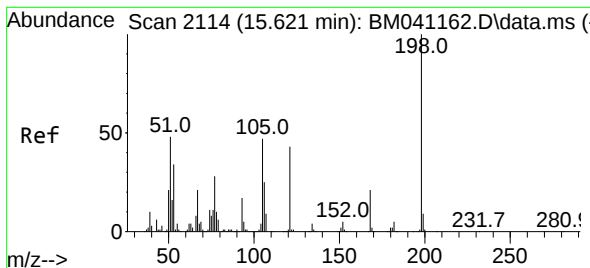
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

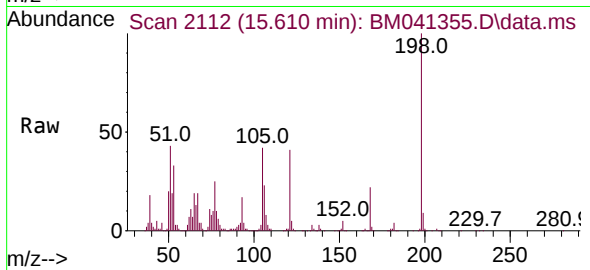
Tgt Ion:188 Resp: 926193
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 9.1 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 55.868 ng
RT: 15.610 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

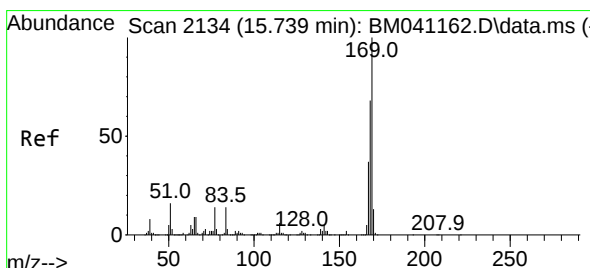
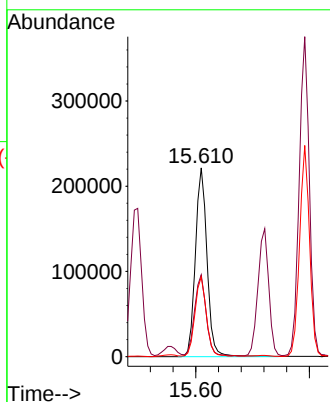
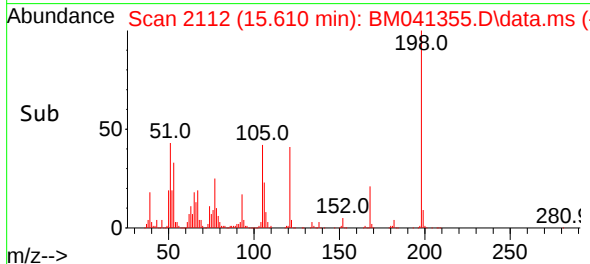
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:198 Resp: 313462
Ion Ratio Lower Upper
198 100
51 43.4 31.7 71.7
105 42.3 27.8 67.8

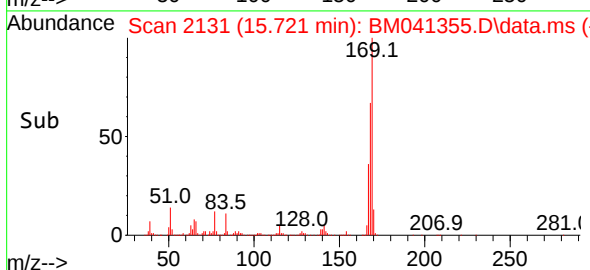
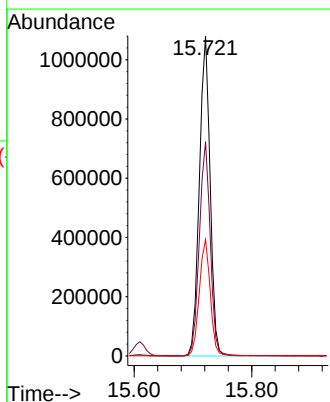
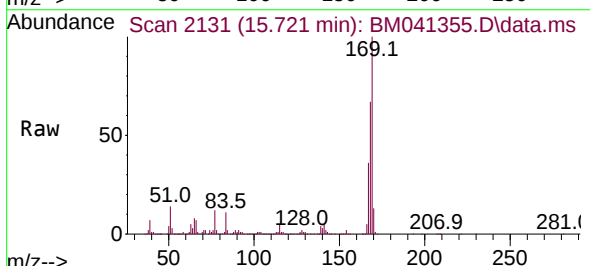
Manual Integrations
APPROVED

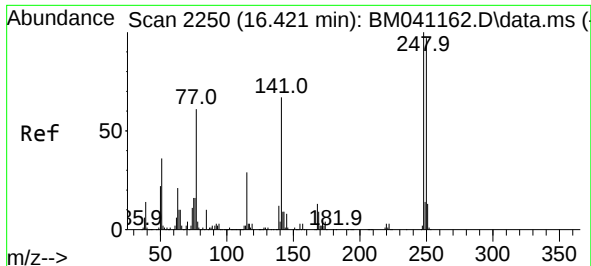
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#66
n-Nitrosodiphenylamine
Concen: 47.640 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:169 Resp: 1372290
Ion Ratio Lower Upper
169 100
168 66.9 54.6 81.8
167 36.3 29.9 44.9





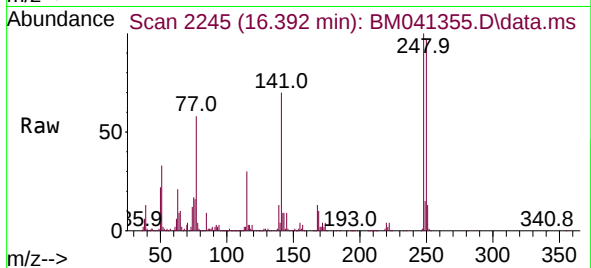
#67
4-Bromophenyl-phenylether
Concen: 52.199 ng
RT: 16.392 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

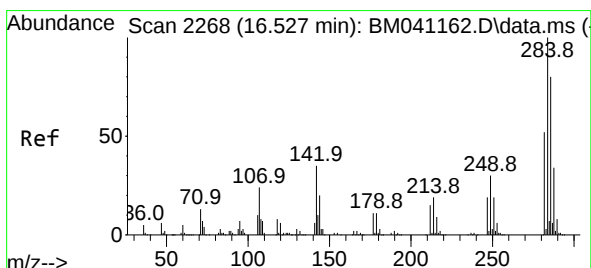
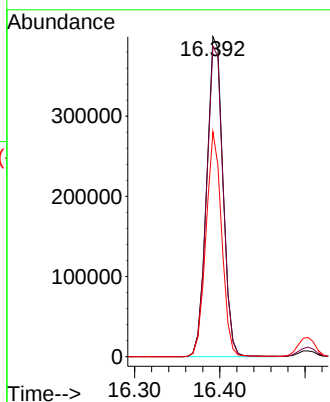
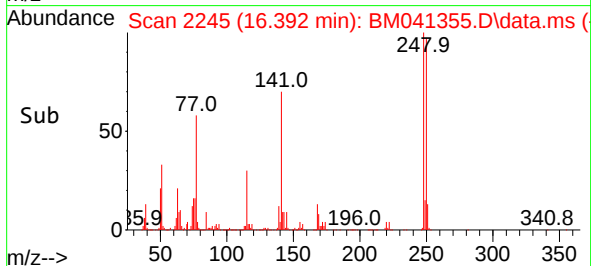


Tgt Ion:248 Resp: 530079
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 70.3 53.8 80.8

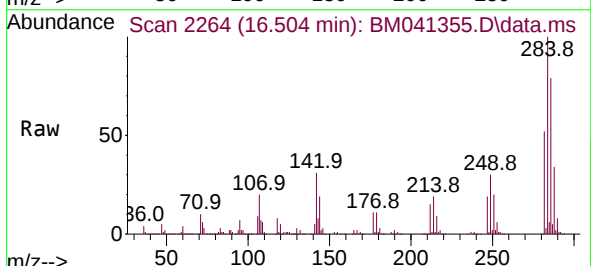
Manual Integrations

APPROVED

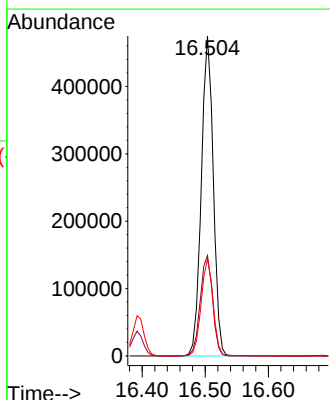
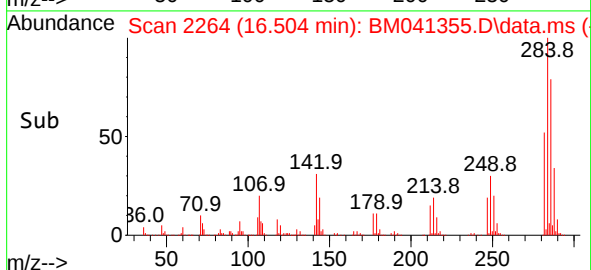
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

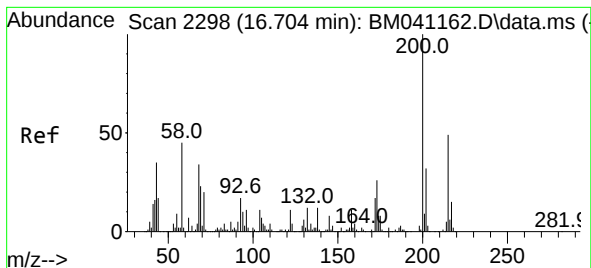


#68
Hexachlorobenzene
Concen: 55.260 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56



Tgt Ion:284 Resp: 623986
Ion Ratio Lower Upper
284 100
142 31.4 28.0 42.0
249 30.3 23.7 35.5





#69

Atrazine

Concen: 70.065 ng

RT: 16.686 min Scan# 2298

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

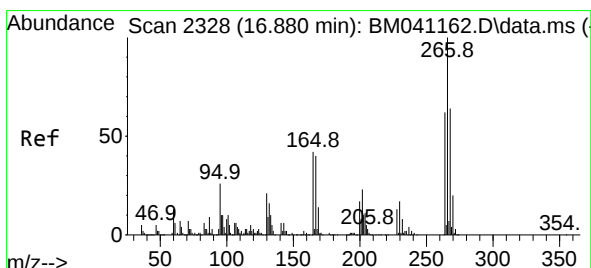
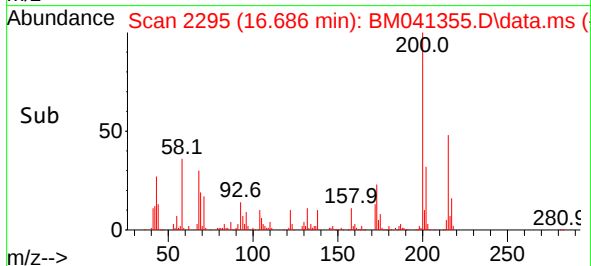
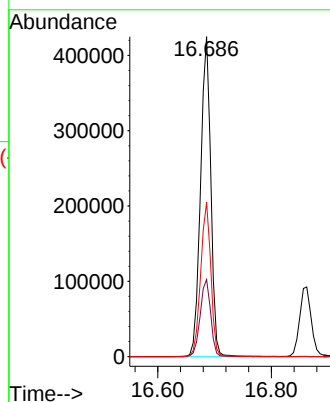
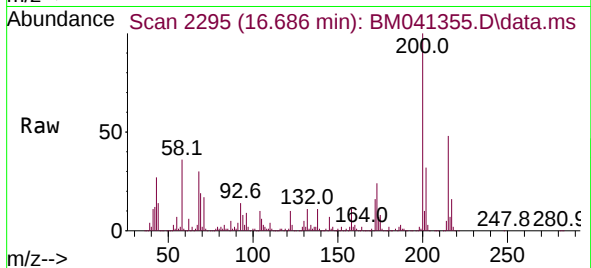
PB154720BS

Tgt Ion:200 Resp: 530020
 Ion Ratio Lower Upper
 200 100
 173 24.1 5.6 45.6
 215 48.2 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023



#70

Pentachlorophenol

Concen: 94.386 ng

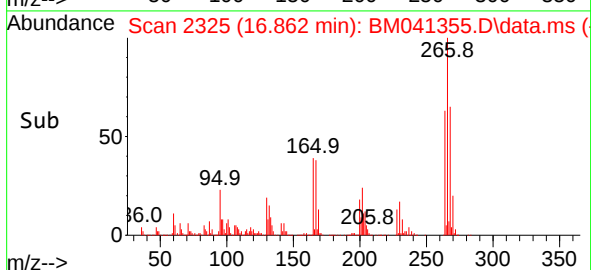
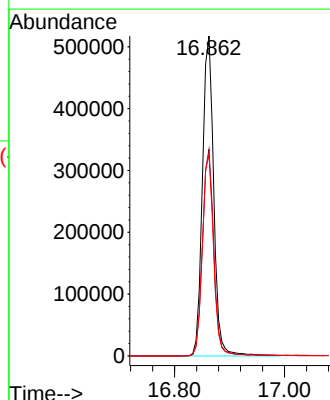
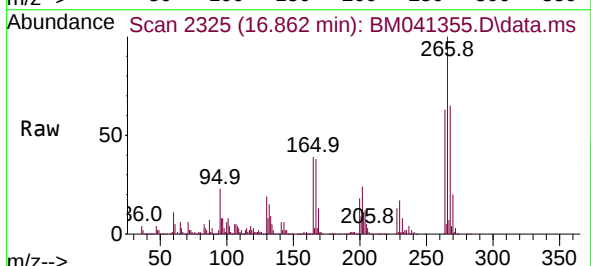
RT: 16.862 min Scan# 2325

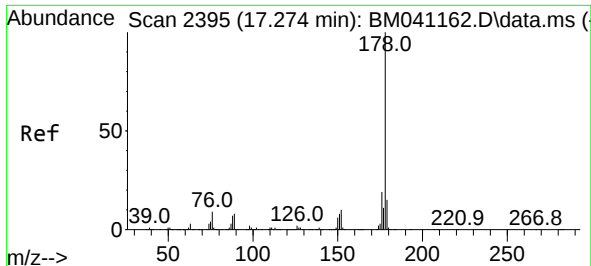
Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Tgt Ion:266 Resp: 738018
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 63.0 49.4 74.2





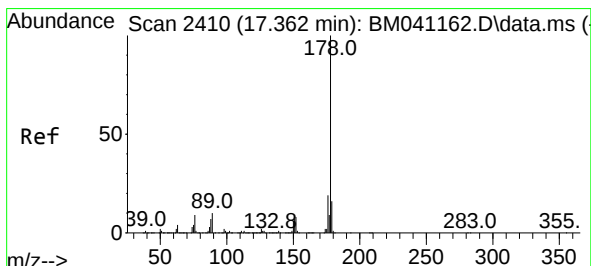
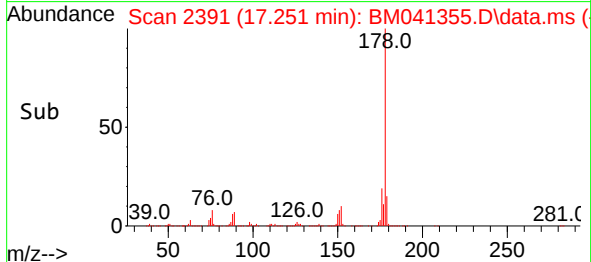
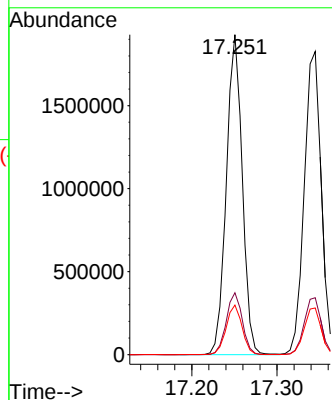
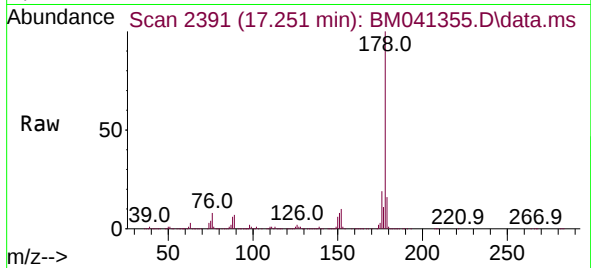
#71
Phenanthrene
Concen: 48.580 ng
RT: 17.251 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :
BNA_M
ClientSampleId :
PB154720BS

Tgt Ion:178 Resp: 2499915
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.1 18.1

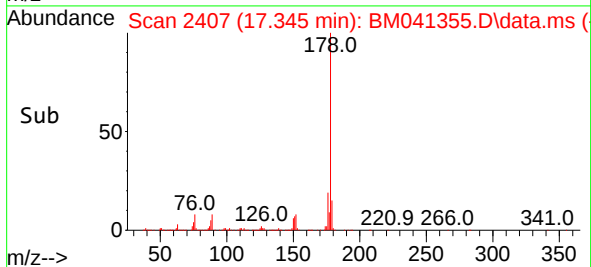
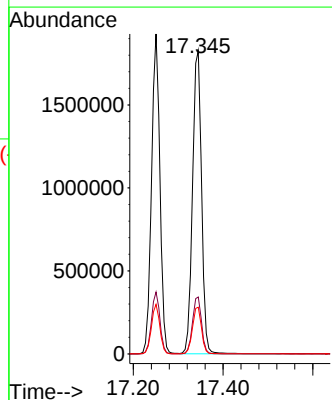
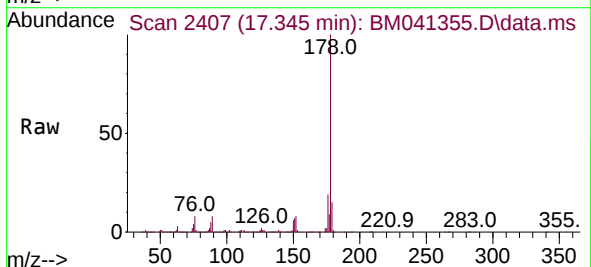
Manual Integrations
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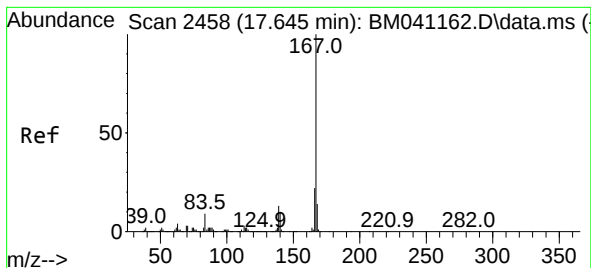
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#72
Anthracene
Concen: 50.101 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:178 Resp: 2549850
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.4 12.4 18.6





#73

Carbazole

Concen: 49.314 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

Tgt Ion:167 Resp: 227163

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

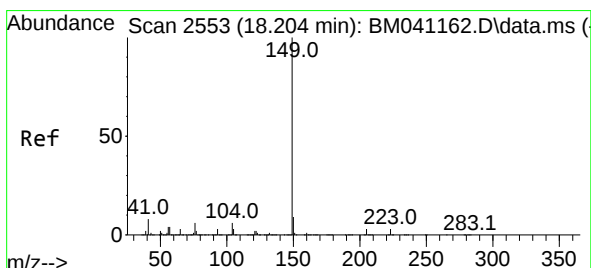
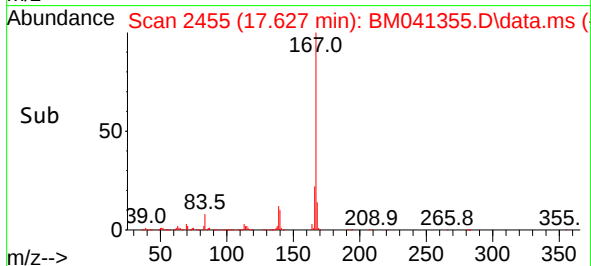
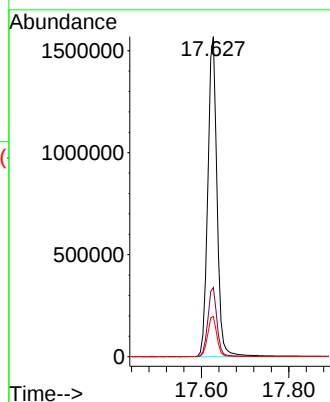
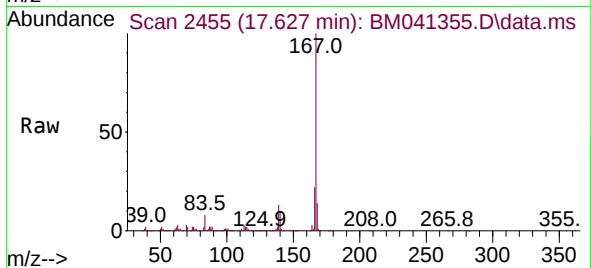
139 12.5 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#74

Di-n-butylphthalate

Concen: 55.746 ng

RT: 18.180 min Scan# 2549

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

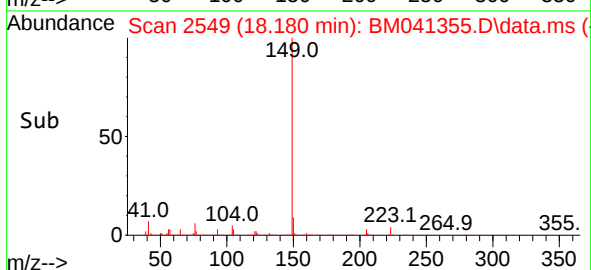
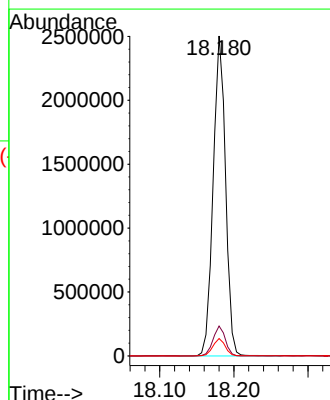
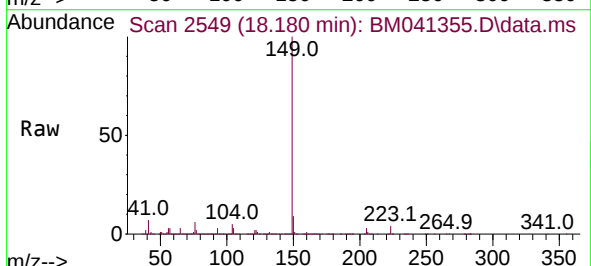
Tgt Ion:149 Resp: 2901762

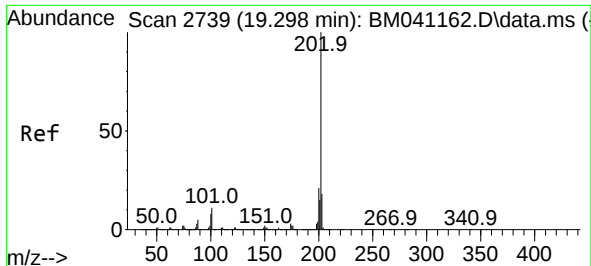
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

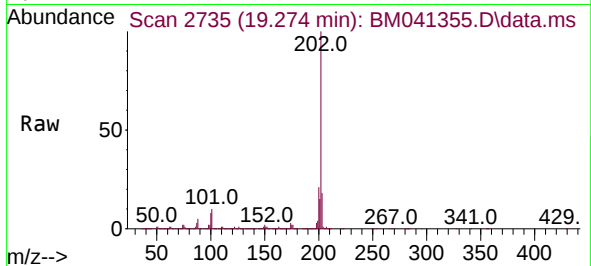
104 5.4 4.5 6.7





#75
Fluoranthene
Concen: 52.056 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

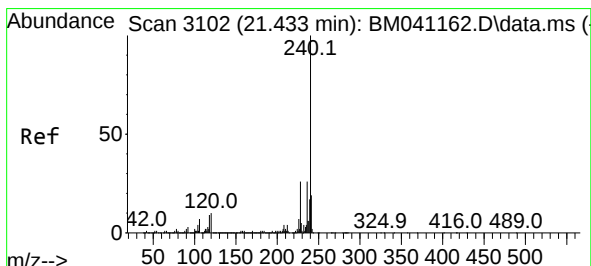
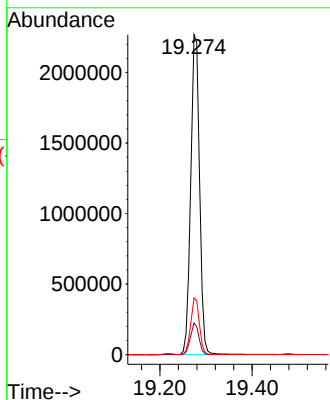
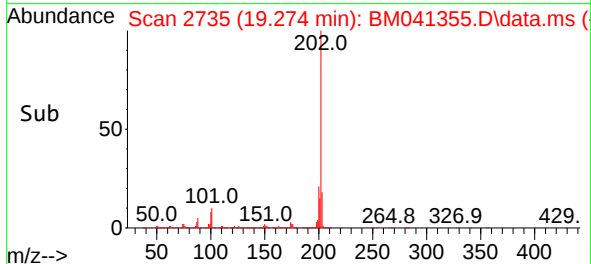
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:202 Resp: 300959
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.8
203 17.7 0.0 37.6

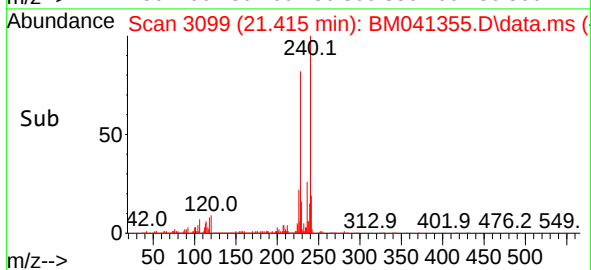
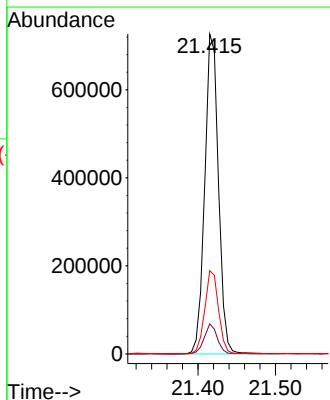
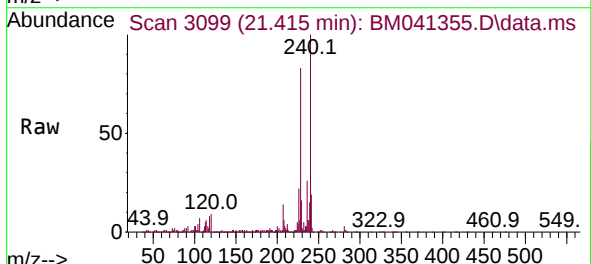
Manual Integrations
APPROVED

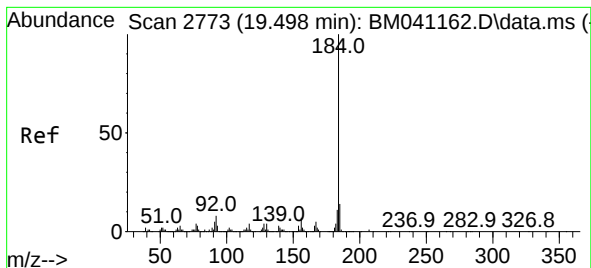
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:240 Resp: 893684
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 26.0 20.6 30.8





#77

Benzidine

Concen: 92.206 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

Tgt Ion:184 Resp: 112314

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

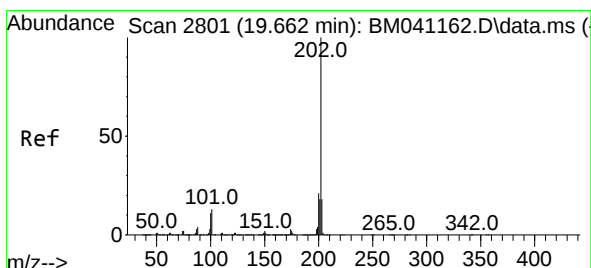
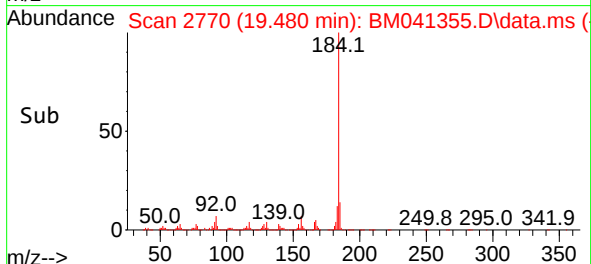
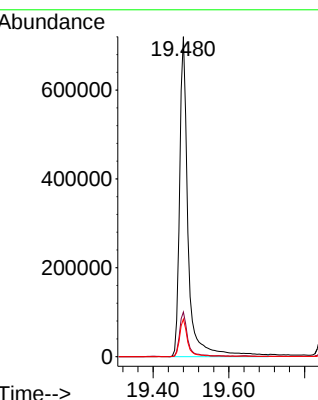
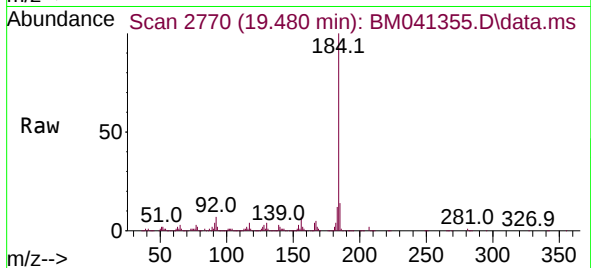
183 11.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#78

Pyrene

Concen: 49.950 ng

RT: 19.645 min Scan# 2798

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

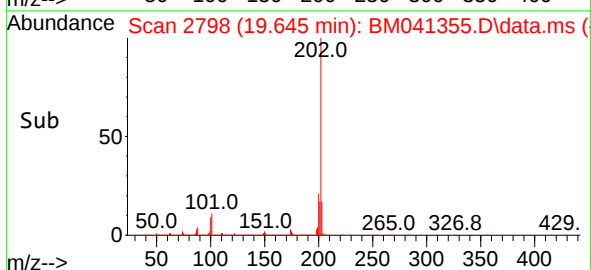
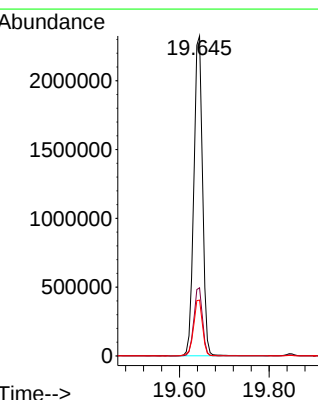
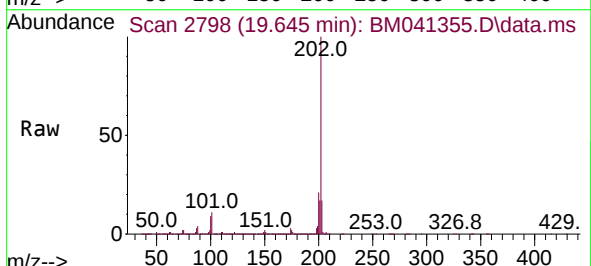
Tgt Ion:202 Resp: 3121687

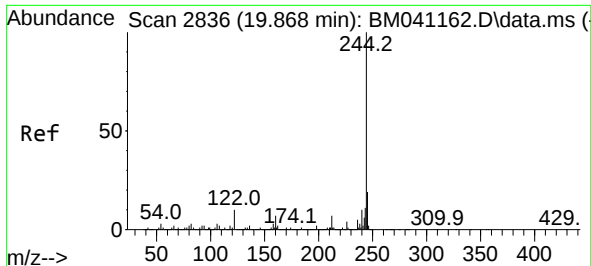
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.4 14.1 21.1





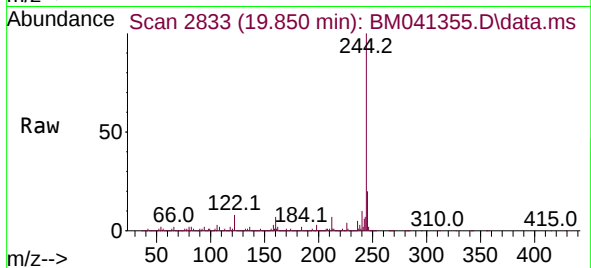
#79
 Terphenyl-d14
 Concen: 103.751 ng
 RT: 19.850 min Scan# 2833
 Delta R.T. -0.000 min
 Lab File: BM041355.D
 Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS



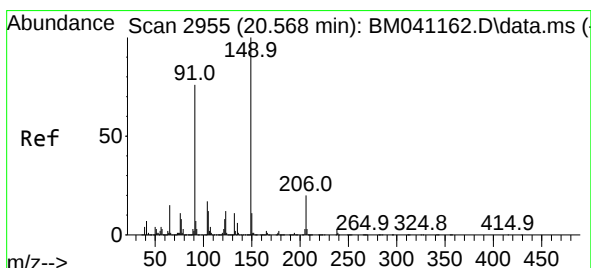
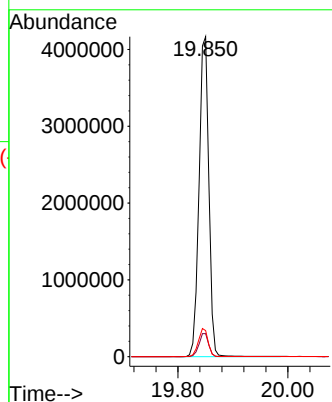
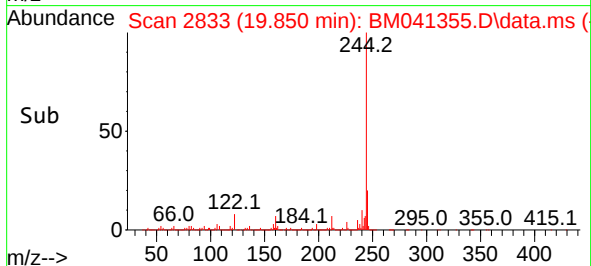
Tgt Ion:244 Resp: 5128222
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.1 7.8 11.6

Manual Integrations

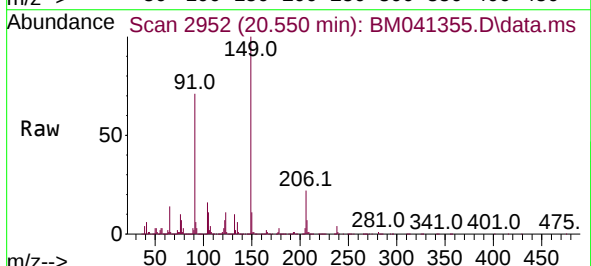
APPROVED

Reviewed By :Yogesh Patel 08/11/2023

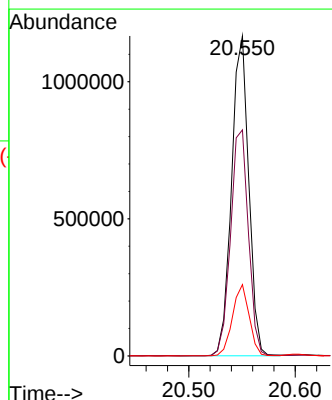
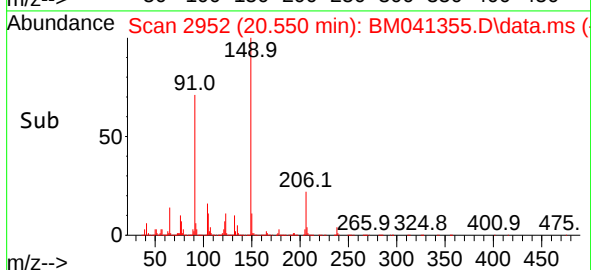
Supervised By :mohammad ahmed 08/11/2023

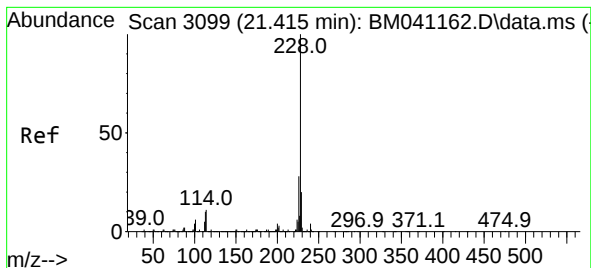


#80
 Butylbenzylphthalate
 Concen: 57.225 ng
 RT: 20.550 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: BM041355.D
 Acq: 10 Aug 2023 09:56



Tgt Ion:149 Resp: 1306019
 Ion Ratio Lower Upper
 149 100
 91 70.6 60.8 91.2
 206 22.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.167 ng

RT: 21.403 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

Tgt Ion:228 Resp: 3160488

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

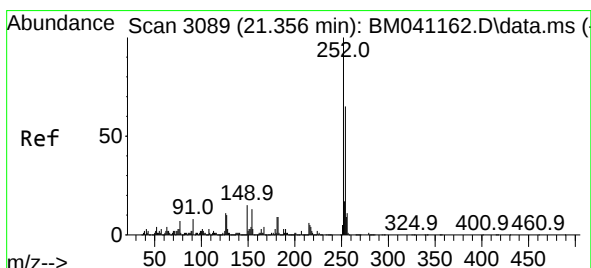
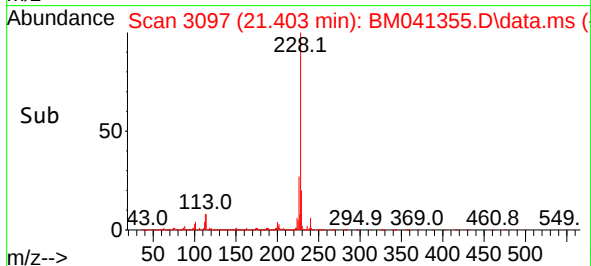
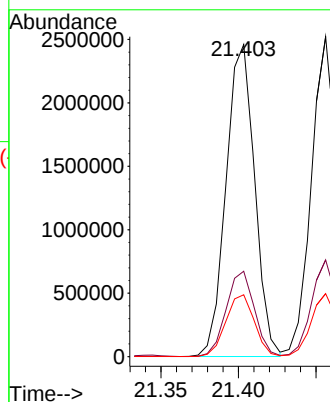
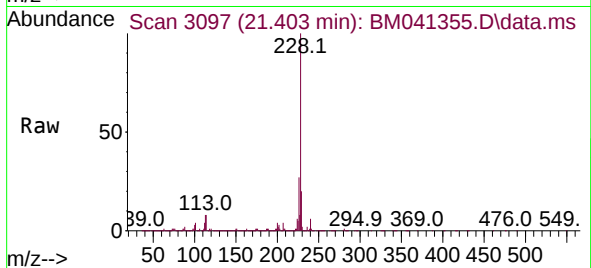
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#82

3,3'-Dichlorobenzidine

Concen: 46.438 ng

RT: 21.344 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

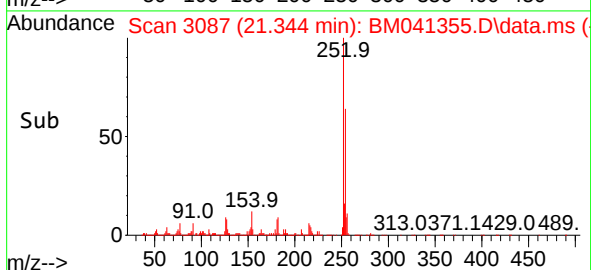
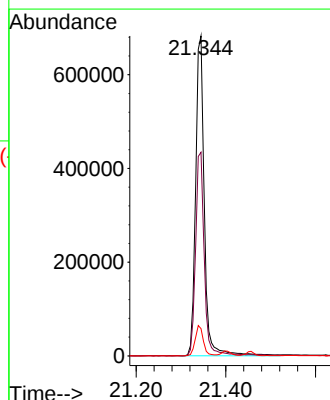
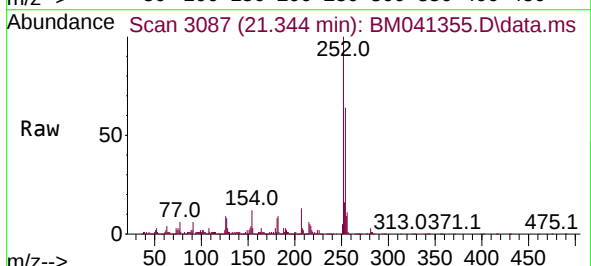
Tgt Ion:252 Resp: 918045

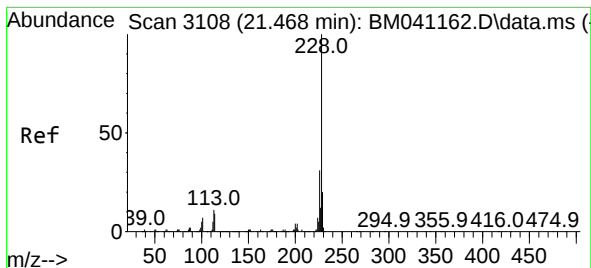
Ion Ratio Lower Upper

252 100

254 63.6 51.8 77.6

126 8.5 8.6 13.0#





#83

Chrysene

Concen: 50.069 ng

RT: 21.456 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

Tgt Ion:228 Resp: 2934043

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

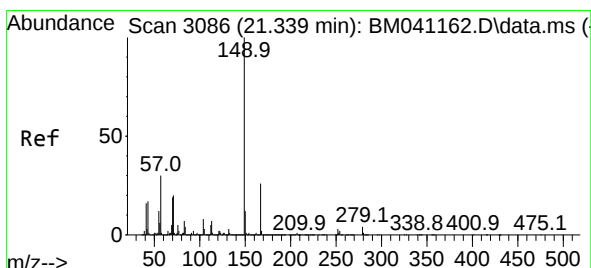
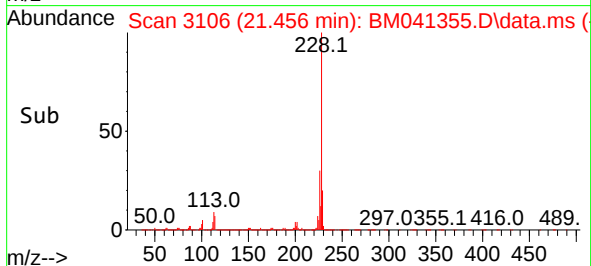
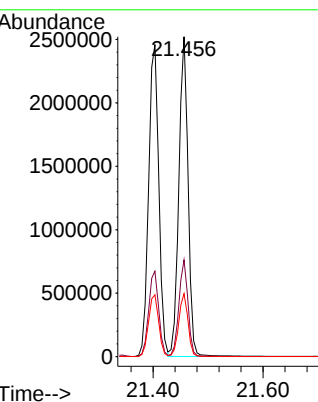
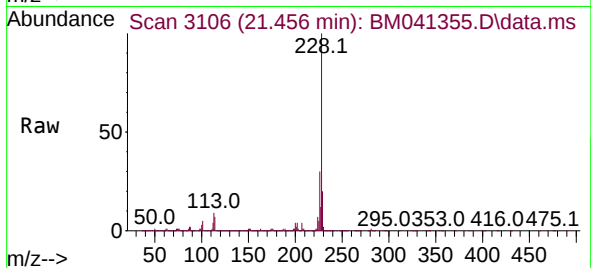
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.828 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

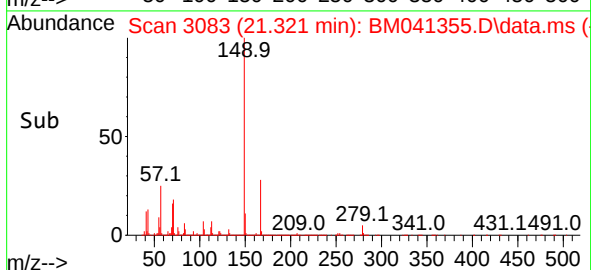
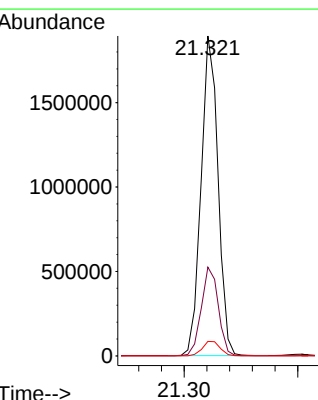
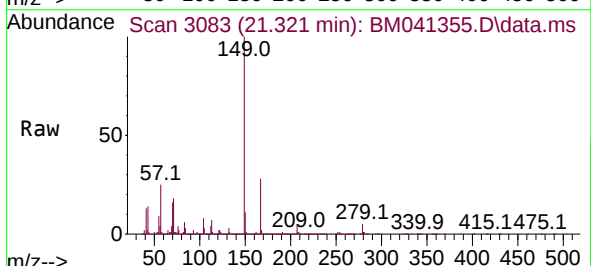
Tgt Ion:149 Resp: 1962737

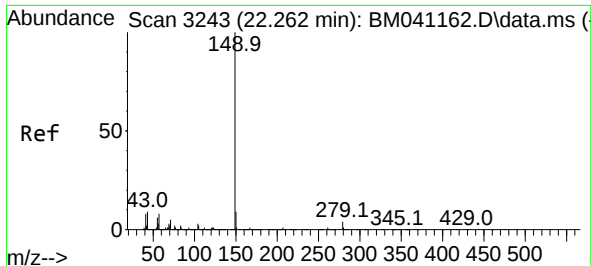
Ion Ratio Lower Upper

149 100

167 27.7 21.0 31.6

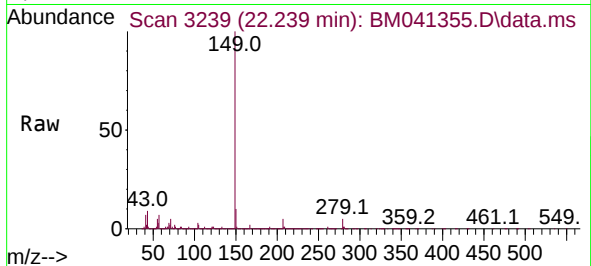
279 4.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 58.803 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

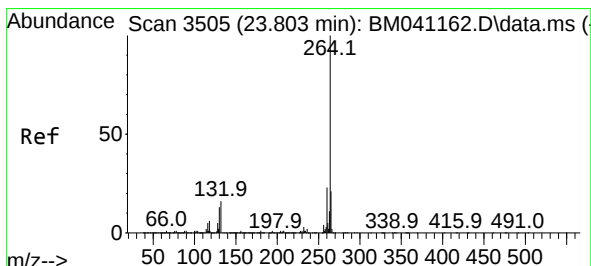
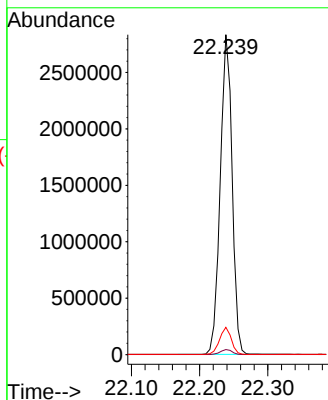
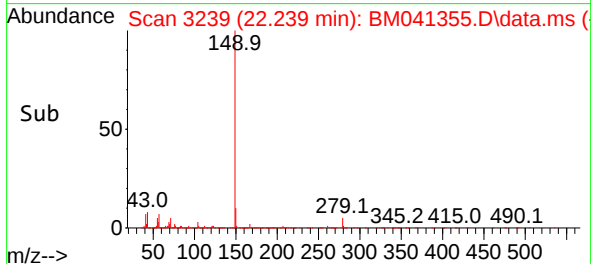
Instrument :
BNA_M
ClientSampleId :
PB154720BS



Tgt Ion:149 Resp: 3391778
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 8.3 12.5

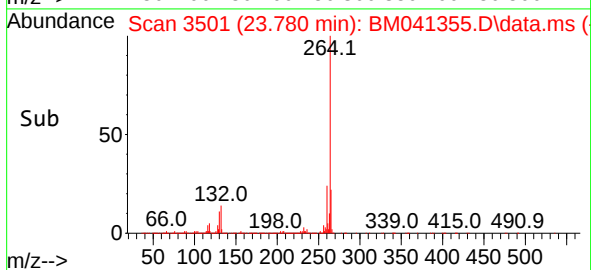
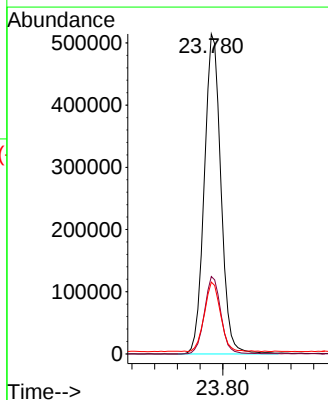
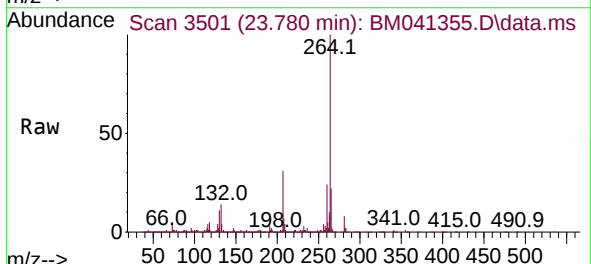
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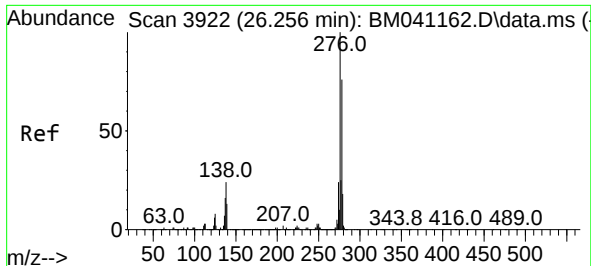
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:264 Resp: 1045353
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 22.4 17.4 26.0





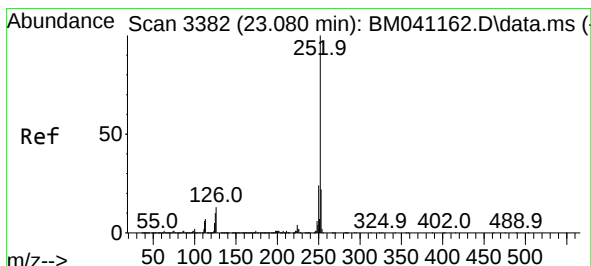
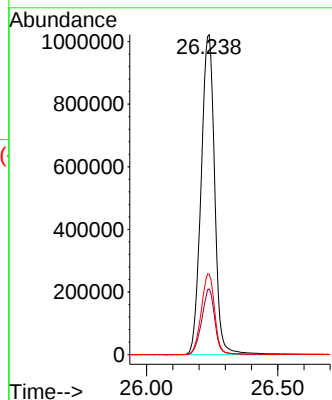
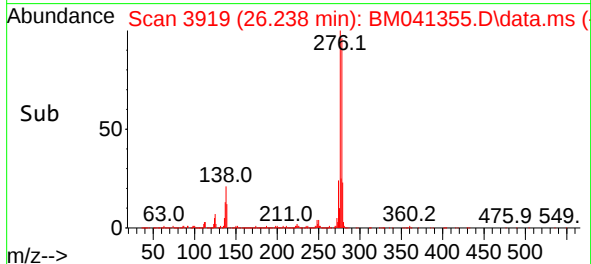
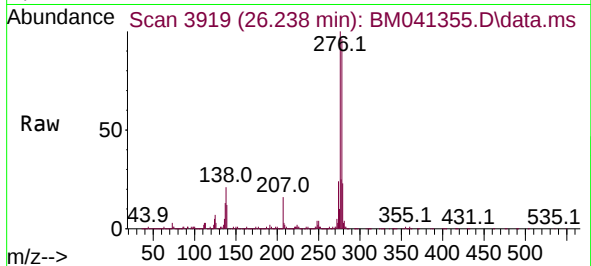
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.728 ng
RT: 26.238 min Scan# 3922
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :
BNA_M
ClientSampleId :
PB154720BS

Tgt Ion:276 Resp: 3668154
Ion Ratio Lower Upper
276 100
138 19.9 20.0 30.0
277 25.2 20.1 30.1

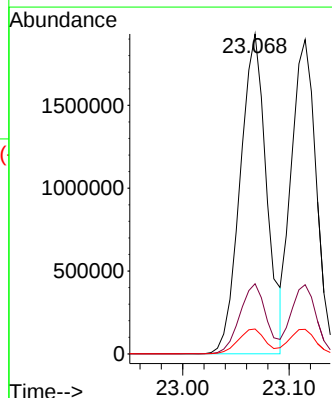
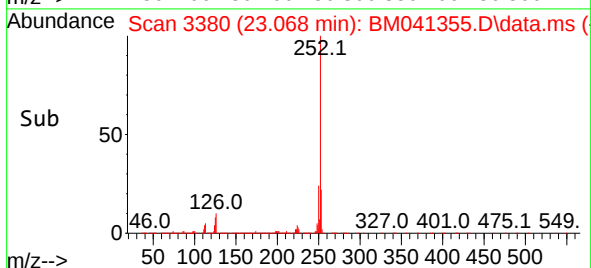
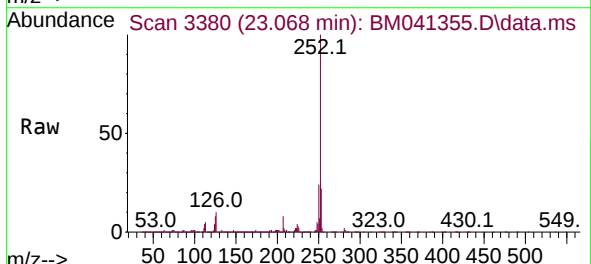
Manual Integrations
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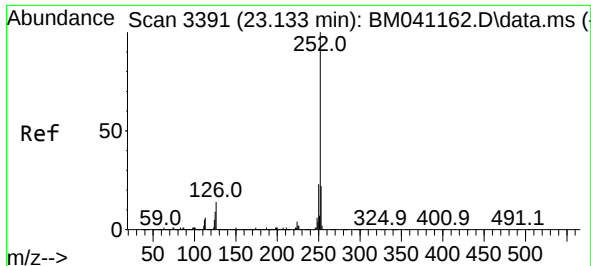
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#88
Benzo(b)fluoranthene
Concen: 53.679 ng
RT: 23.068 min Scan# 3380
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:252 Resp: 3333493
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 7.8 8.2 12.4





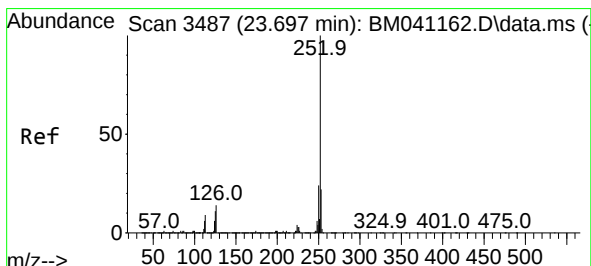
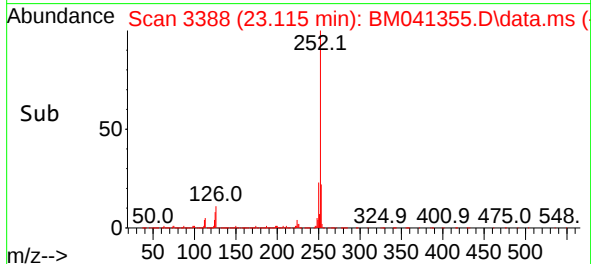
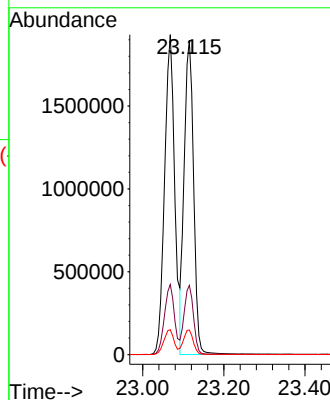
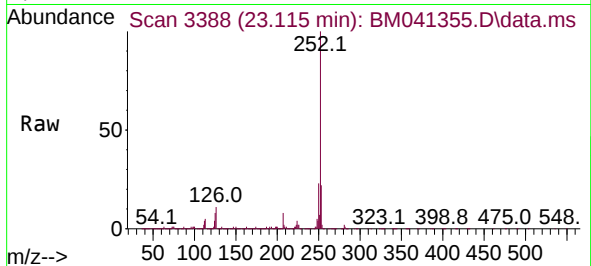
#89
Benzo(k)fluoranthene
Concen: 48.610 ng
RT: 23.115 min Scan# 3391
Delta R.T. 0.006 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Instrument :
BNA_M
ClientSampleId :
PB154720BS

Tgt Ion:252 Resp: 3087874
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.8 7.6 11.4

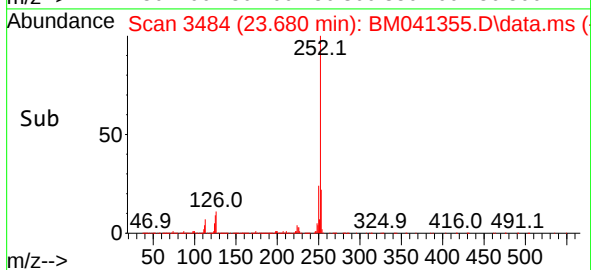
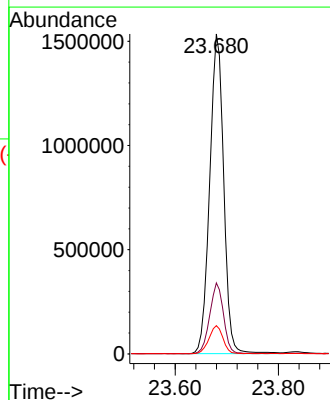
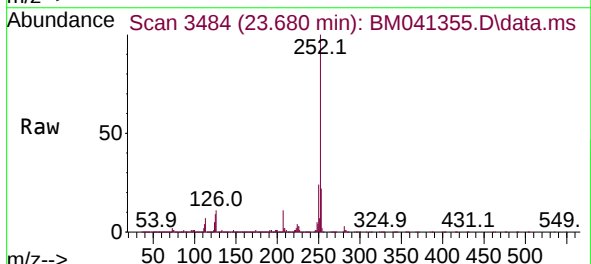
Manual Integrations
APPROVED

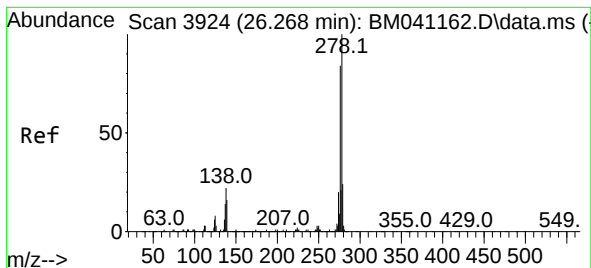
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#90
Benzo(a)pyrene
Concen: 48.365 ng
RT: 23.680 min Scan# 3484
Delta R.T. -0.000 min
Lab File: BM041355.D
Acq: 10 Aug 2023 09:56

Tgt Ion:252 Resp: 2885900
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 8.8 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 48.199 ng

RT: 26.244 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Instrument :

BNA_M

ClientSampleId :

PB154720BS

Tgt Ion:278 Resp: 308976

Ion Ratio Lower Upper

278 100

139 12.8 12.7 19.1

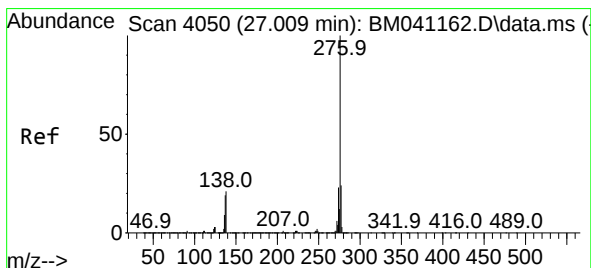
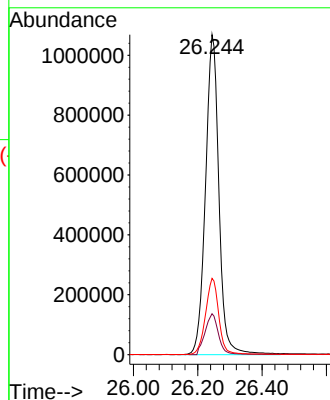
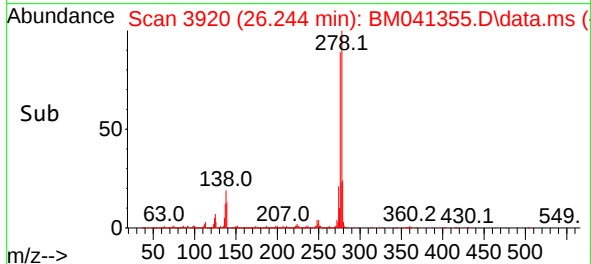
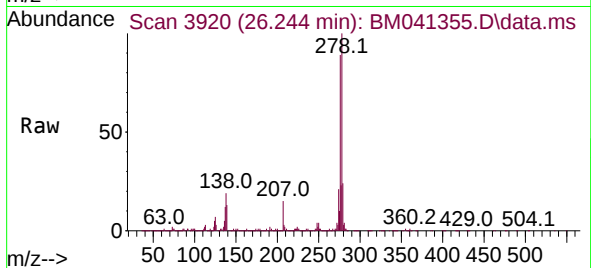
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#92

Benzo(g,h,i)perylene

Concen: 47.236 ng

RT: 26.985 min Scan# 4046

Delta R.T. -0.000 min

Lab File: BM041355.D

Acq: 10 Aug 2023 09:56

Tgt Ion:276 Resp: 2962861

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 17.5 17.1 25.7

