

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046347.D
 Acq On : 28 Jun 2024 10:57
 Operator : MA/JU
 Sample : PB161765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 11:38:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	71082	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	341375	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	231491	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	490497	20.000	ng	0.00
76) Chrysene-d12	20.992	240	504829	20.000	ng	0.00
86) Perylene-d12	23.668	264	576222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	750403	169.693	ng	0.00
7) Phenol-d6	6.634	99	1027838	163.615	ng	0.00
23) Nitrobenzene-d5	8.534	82	719572	87.383	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	440050	156.311	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1485248	86.961	ng	0.00
79) Terphenyl-d14	19.427	244	2667524	87.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	64365	37.751	ng	97
3) Pyridine	3.416	79	165138	34.661	ng	99
4) n-Nitrosodimethylamine	3.334	42	179517	48.647	ng	98
6) Aniline	6.746	93	194578	34.106	ng	98
8) 2-Chlorophenol	6.969	128	264966	53.780	ng	99
9) Benzaldehyde	6.657	77	10288m	2.516	ng	
10) Phenol	6.657	94	355237	57.143	ng	99
11) bis(2-Chloroethyl)ether	6.834	93	255039	50.520	ng	99
12) 1,3-Dichlorobenzene	7.263	146	248793	45.548	ng	100
13) 1,4-Dichlorobenzene	7.404	146	255114	45.389	ng	98
14) 1,2-Dichlorobenzene	7.716	146	254190	45.869	ng	98
15) Benzyl Alcohol	7.651	79	274407	53.135	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.899	45	435184	50.654	ng	96
17) 2-Methylphenol	7.875	107	238398	54.993	ng	99
18) Hexachloroethane	8.428	117	115183	45.491	ng	97
19) n-Nitroso-di-n-propyla...	8.198	70	242856	50.921	ng	99
20) 3+4-Methylphenols	8.204	107	335621	53.385	ng	97
22) Acetophenone	8.204	105	435743	45.697	ng	# 94
24) Nitrobenzene	8.575	77	361876	44.735	ng	97
25) Isophorone	9.104	82	649380	46.504	ng	99
26) 2-Nitrophenol	9.275	139	141892	49.009	ng	99
27) 2,4-Dimethylphenol	9.381	122	205548	56.628	ng	97
28) bis(2-Chloroethoxy)met...	9.581	93	365701	47.402	ng	99
29) 2,4-Dichlorophenol	9.822	162	265822	54.228	ng	96
30) 1,2,4-Trichlorobenzene	9.992	180	247886	44.659	ng	98
31) Naphthalene	10.181	128	853181	45.604	ng	100
32) Benzoic acid	9.616	122	201709	46.173	ng	96
33) 4-Chloroaniline	10.351	127	178535	27.243	ng	97
34) Hexachlorobutadiene	10.463	225	145889	42.633	ng	99
35) Caprolactam	11.169	113	90592m	50.454	ng	
36) 4-Chloro-3-methylphenol	11.492	107	321524	52.717	ng	98
37) 2-Methylnaphthalene	11.798	142	599970	47.552	ng	98
38) 1-Methylnaphthalene	12.028	142	561999	45.049	ng	99
40) 1,2,4,5-Tetrachloroben...	12.181	216	280199	45.371	ng	98
41) Hexachlorocyclopentadiene	12.157	237	291173	120.315	ng	99
43) 2,4,6-Trichlorophenol	12.451	196	208203	50.758	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046347.D
 Acq On : 28 Jun 2024 10:57
 Operator : MA/JU
 Sample : PB161765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

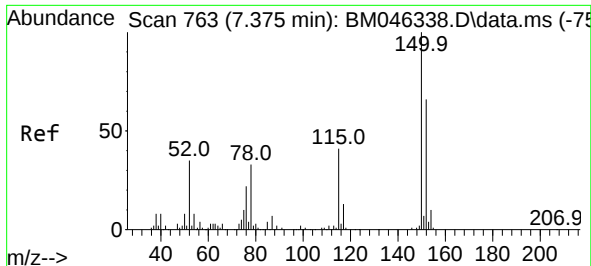
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 11:38:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.545	196	235278	49.778	ng	99
46) 1,1'-Biphenyl	12.845	154	813427	46.936	ng	98
47) 2-Chloronaphthalene	12.875	162	612540	45.533	ng	99
48) 2-Nitroaniline	13.133	65	278493	52.145	ng	98
49) Acenaphthylene	13.739	152	1089197	52.517	ng	99
50) Dimethylphthalate	13.522	163	837882	49.513	ng	99
51) 2,6-Dinitrotoluene	13.633	165	180283	47.839	ng	97
52) Acenaphthene	14.080	154	611151	47.408	ng	99
53) 3-Nitroaniline	13.980	138	135515	35.591	ng	99
54) 2,4-Dinitrophenol	14.180	184	226472	100.430	ng	95
55) Dibenzofuran	14.427	168	1008759	48.835	ng	99
56) 4-Nitrophenol	14.345	139	336155	105.352	ng	92
57) 2,4-Dinitrotoluene	14.433	165	270198	49.545	ng	98
58) Fluorene	15.075	166	850034	48.109	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.675	232	206917	51.940	ng	99
60) Diethylphthalate	14.892	149	920098	49.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.080	204	393775	47.878	ng	98
62) 4-Nitroaniline	15.163	138	184873	49.477	ng	96
63) Azobenzene	15.374	77	1130385	50.956	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	142737	45.906	ng	96
66) n-Nitrosodiphenylamine	15.310	169	700261	49.152	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	237462	47.413	ng	97
68) Hexachlorobenzene	16.080	284	271432	45.904	ng	96
69) Atrazine	16.286	200	223374	56.721	ng	98
70) Pentachlorophenol	16.445	266	399478	107.409	ng	97
71) Phenanthrene	16.816	178	1298658	49.755	ng	100
72) Anthracene	16.910	178	1286698	50.680	ng	100
73) Carbazole	17.204	167	1245997	49.842	ng	99
74) Di-n-butylphthalate	17.763	149	1663559	49.529	ng	100
75) Fluoranthene	18.839	202	1499963	48.632	ng	99
77) Benzidine	19.068	184	240747	45.962	ng	99
78) Pyrene	19.210	202	1588276	45.294	ng	99
80) Butylbenzylphthalate	20.139	149	815973	49.456	ng	96
81) Benzo(a)anthracene	20.980	228	1652834	49.910	ng	100
82) 3,3'-Dichlorobenzidine	20.927	252	462632	43.553	ng	99
83) Chrysene	21.033	228	1584060	50.015	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	1271877	45.272	ng	99
85) Di-n-octyl phthalate	21.933	149	2155268	51.672	ng	100
87) Indeno(1,2,3-cd)pyrene	26.621	276	2093894	56.657	ng	100
88) Benzo(b)fluoranthene	22.833	252	1807539	52.961	ng	99
89) Benzo(k)fluoranthene	22.892	252	1819595	53.595	ng	99
90) Benzo(a)pyrene	23.545	252	1694368	56.522	ng	99
91) Dibenzo(a,h)anthracene	26.662	278	1762227	57.106	ng	99
92) Benzo(g,h,i)perylene	27.538	276	1601833	52.407	ng	99

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



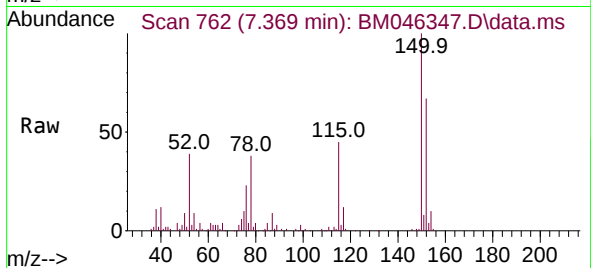
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7108
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



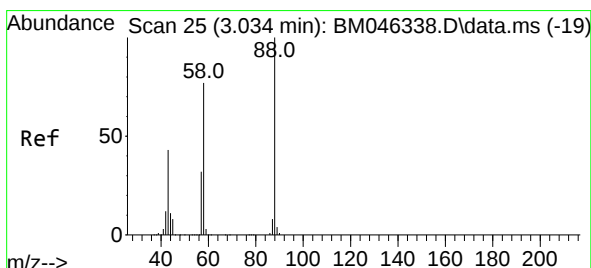
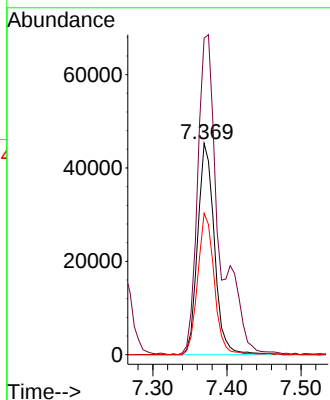
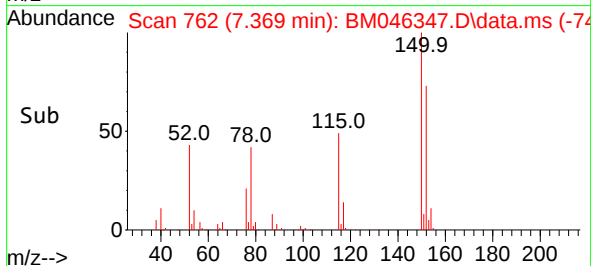
Tgt Ion:152 Resp: 7108
Ion Ratio Lower Upper
152 100
150 149.7 122.1 183.1
115 66.8 50.2 75.4

Manual Integrations

APPROVED

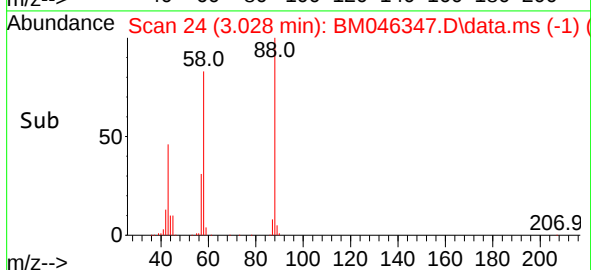
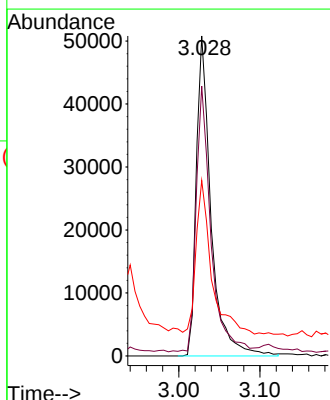
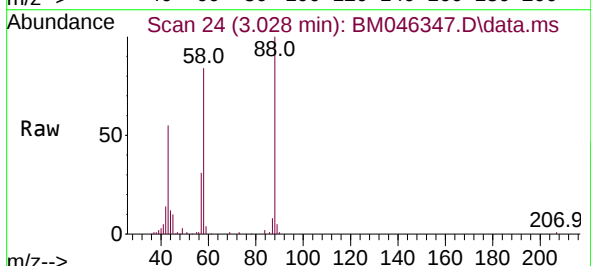
Reviewed By :Yogesh Patel 06/29/2024

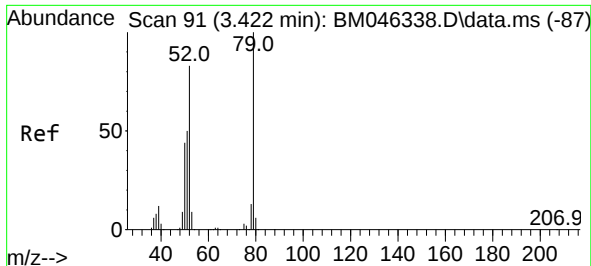
Supervised By :mohammad ahmed 06/29/2024



#2
1,4-Dioxane
Concen: 37.751 ng
RT: 3.028 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

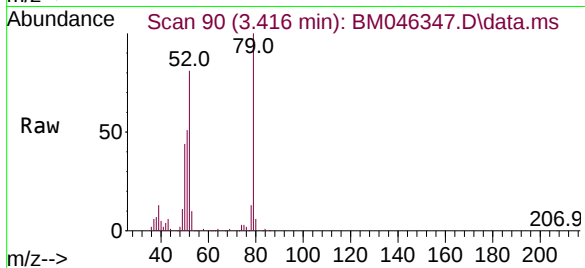
Tgt Ion: 88 Resp: 64365
Ion Ratio Lower Upper
88 100
58 82.0 65.2 97.8
43 53.6 38.4 57.6





#3
Pyridine
Concen: 34.661 ng
RT: 3.416 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

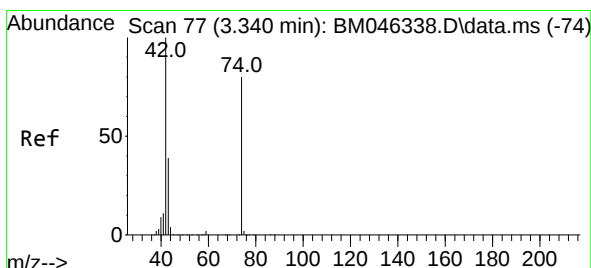
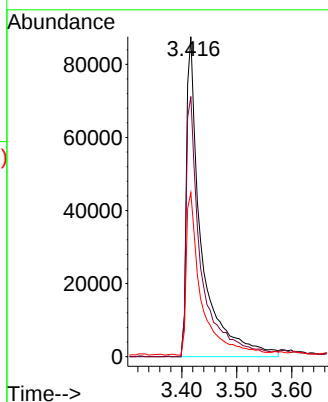
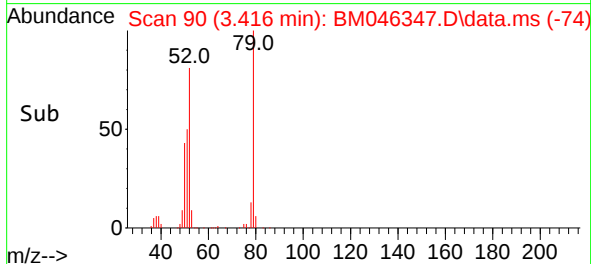
Instrument :
BNA_M
ClientSampleId :
PB161765BS



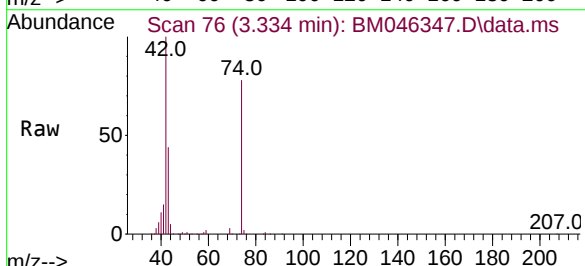
Tgt Ion: 79 Resp: 165138
Ion Ratio Lower Upper
79 100
52 81.3 66.4 99.6
51 51.2 40.8 61.2

Manual Integrations
APPROVED

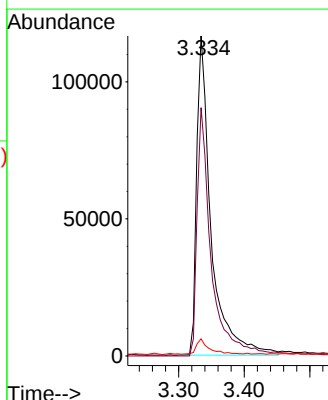
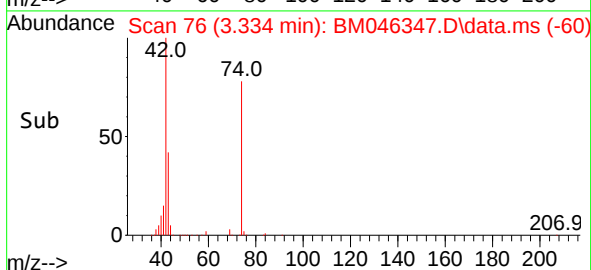
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

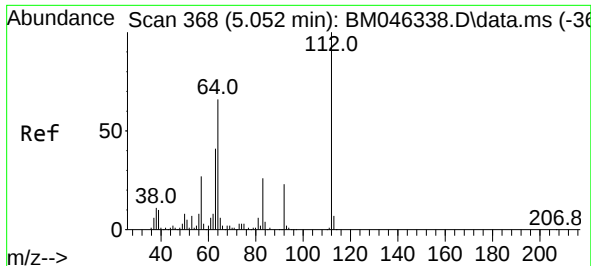


#4
n-Nitrosodimethylamine
Concen: 48.647 ng
RT: 3.334 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion: 42 Resp: 179517
Ion Ratio Lower Upper
42 100
74 77.6 63.6 95.4
44 5.3 3.8 5.6





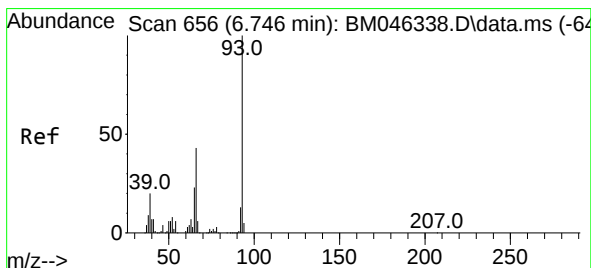
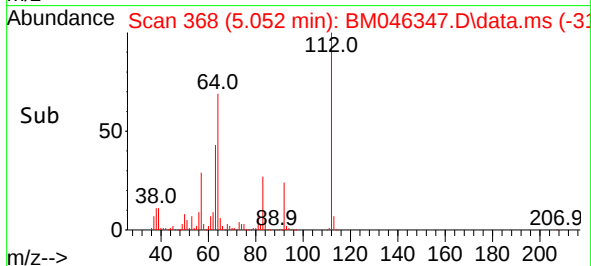
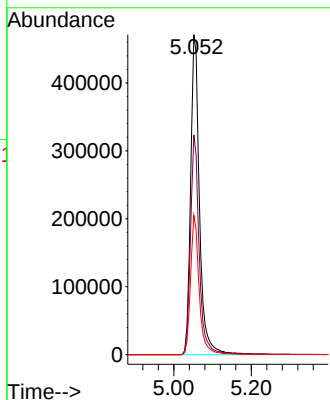
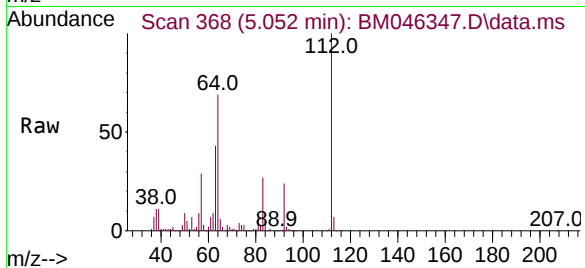
#5
2-Fluorophenol
Concen: 169.693 ng
RT: 5.052 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB161765BS

Tgt Ion: 112 Resp: 75040
Ion Ratio Lower Upper
112 100
64 68.7 52.8 79.2
63 43.5 32.9 49.3

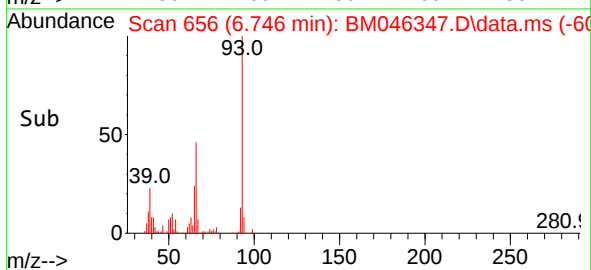
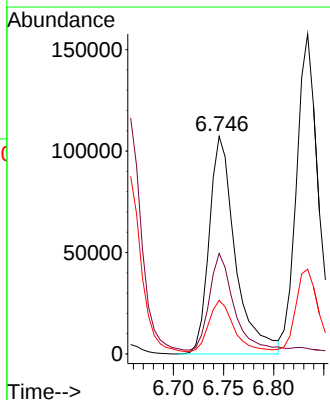
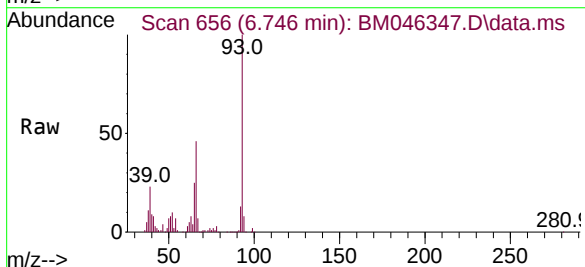
Manual Integrations
APPROVED

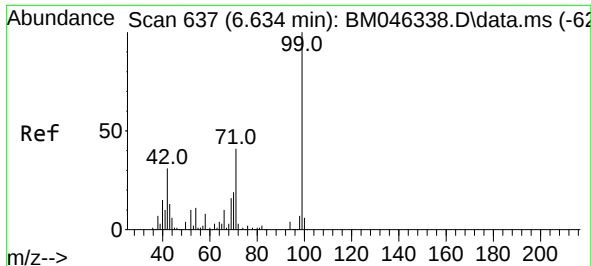
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#6
Aniline
Concen: 34.106 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 93 Resp: 194578
Ion Ratio Lower Upper
93 100
66 46.2 35.5 53.3
65 24.7 19.3 28.9





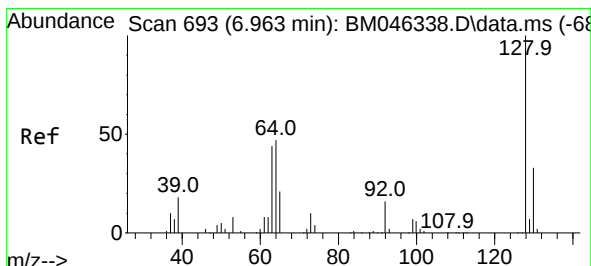
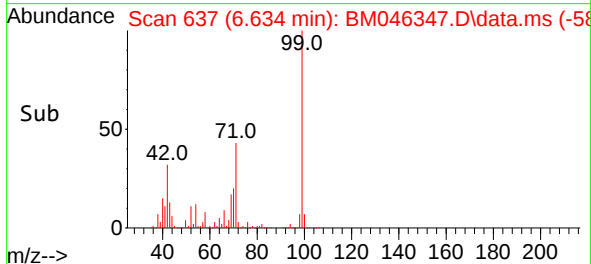
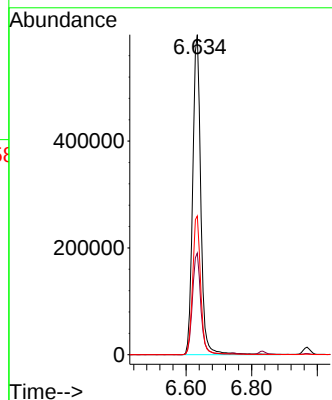
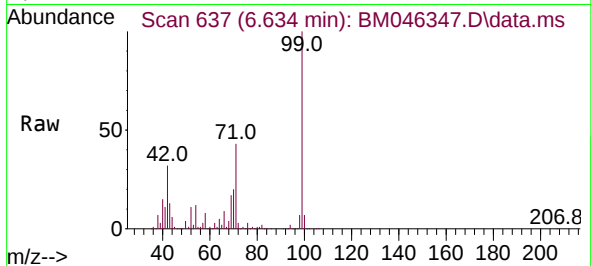
#7
Phenol-d6
Concen: 163.615 ng
RT: 6.634 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB161765BS

Tgt Ion: 99 Resp: 1027838
Ion Ratio Lower Upper
99 100
42 31.7 24.8 37.2
71 43.3 33.1 49.7

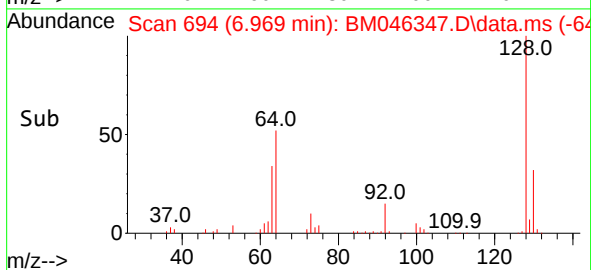
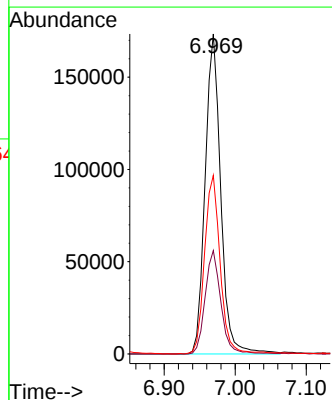
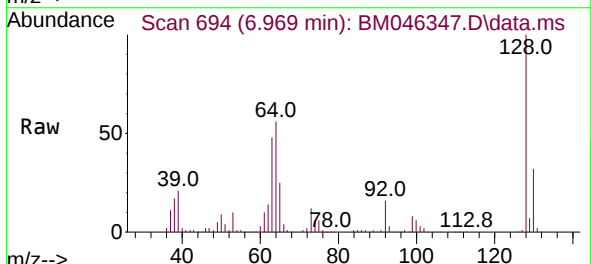
Manual Integrations
APPROVED

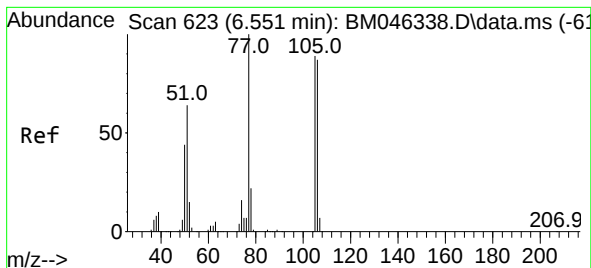
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#8
2-Chlorophenol
Concen: 53.780 ng
RT: 6.969 min Scan# 694
Delta R.T. 0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:128 Resp: 264966
Ion Ratio Lower Upper
128 100
130 32.3 13.0 53.0
64 55.8 36.5 76.5





#9

Benzaldehyde

Concen: 2.516 ng m

RT: 6.657 min Scan# 641

Delta R.T. 0.106 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion: 77 Resp: 1028

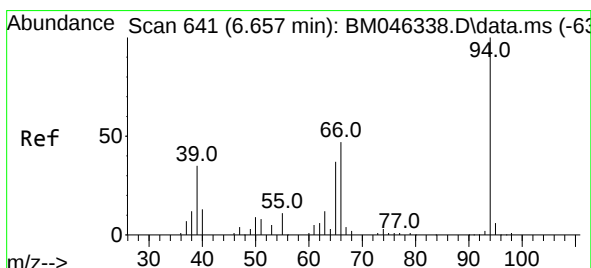
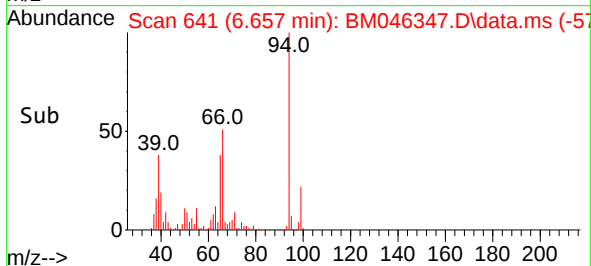
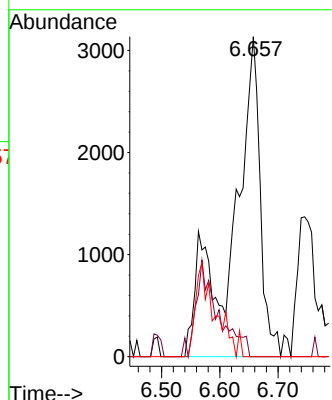
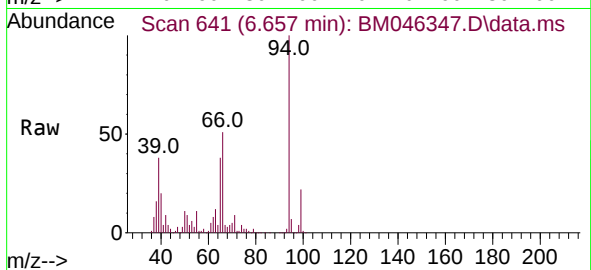
Ion	Ratio	Lower	Upper
77	100		
105	0.0	69.2	109.2
106	0.0	66.9	106.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#10

Phenol

Concen: 57.143 ng

RT: 6.657 min Scan# 641

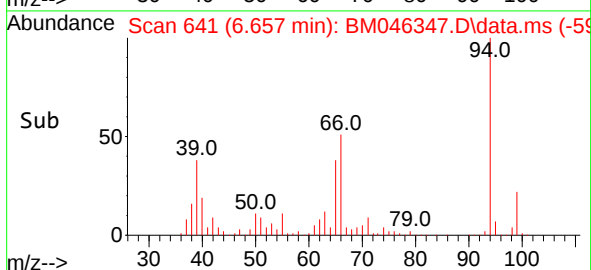
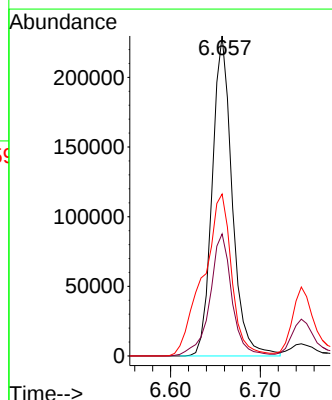
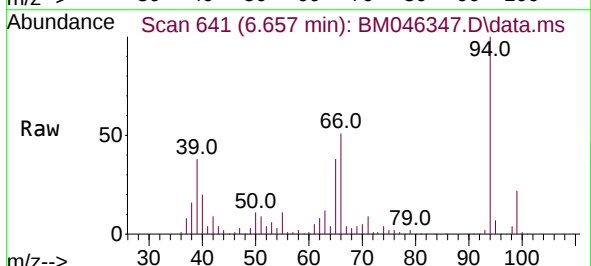
Delta R.T. 0.000 min

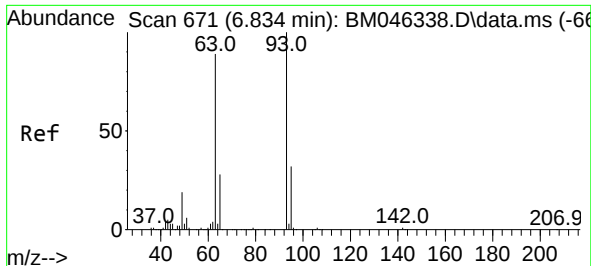
Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Tgt Ion: 94 Resp: 355237

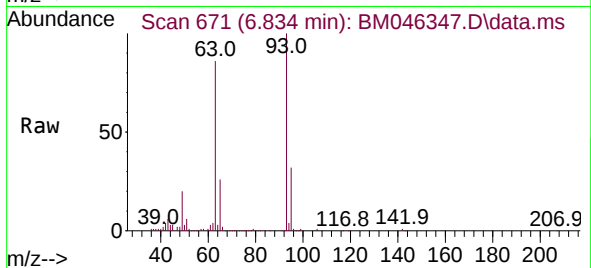
Ion	Ratio	Lower	Upper
94	100		
65	38.1	17.6	57.6
66	50.6	29.9	69.9





#11
bis(2-Chloroethyl)ether
Concen: 50.520 ng
RT: 6.834 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

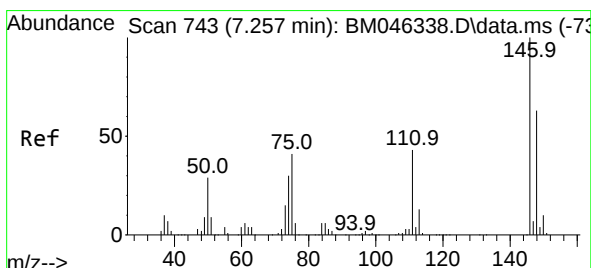
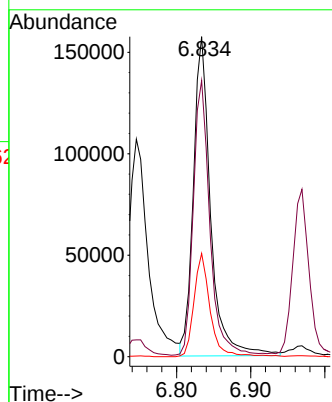
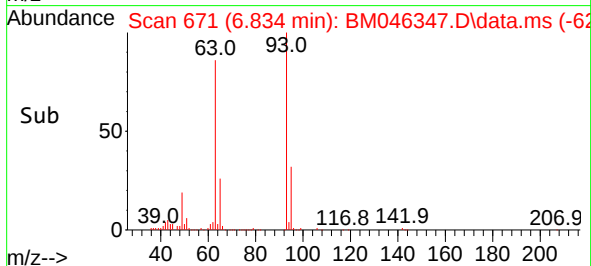
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion: 93 Resp: 255039
Ion Ratio Lower Upper
93 100
63 86.3 67.2 107.2
95 32.2 11.4 51.4

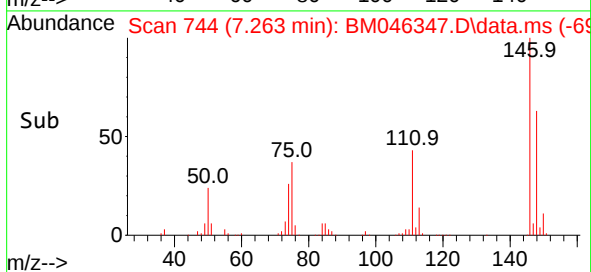
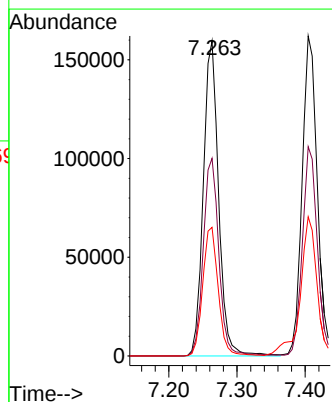
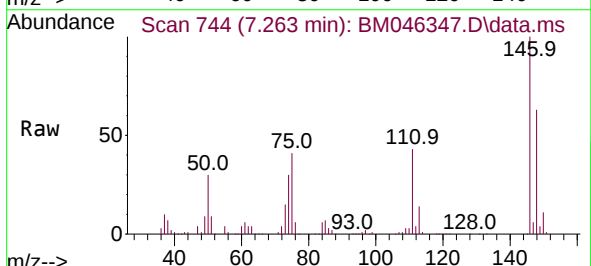
Manual Integrations
APPROVED

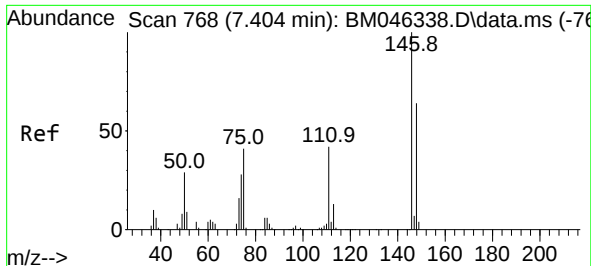
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#12
1,3-Dichlorobenzene
Concen: 45.548 ng
RT: 7.263 min Scan# 744
Delta R.T. 0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:146 Resp: 248793
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 40.8 32.6 49.0





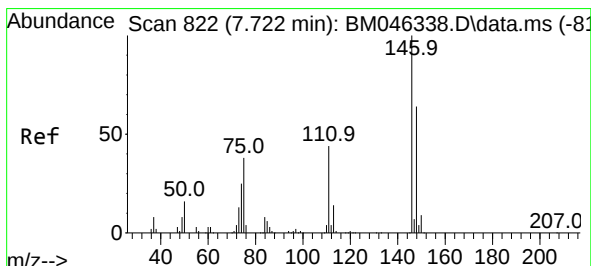
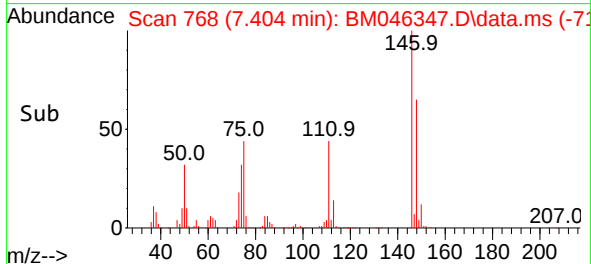
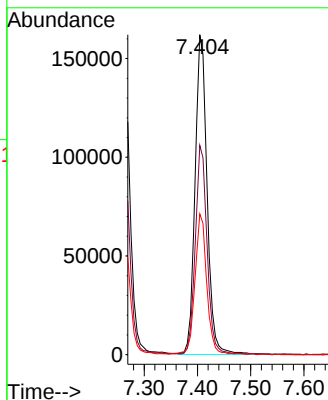
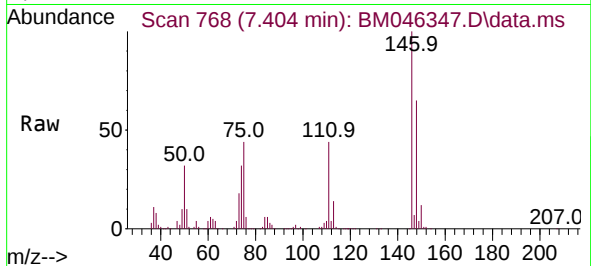
#13
1,4-Dichlorobenzene
Concen: 45.389 ng
RT: 7.404 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB161765BS

Tgt Ion:146 Resp: 255114
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.0
111 44.0 33.7 50.5

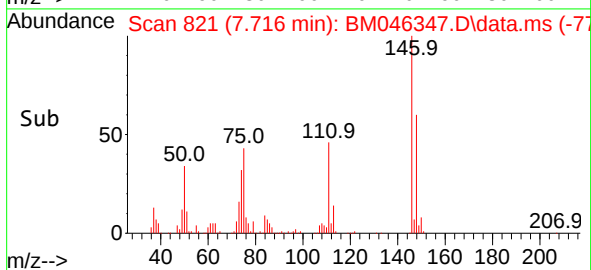
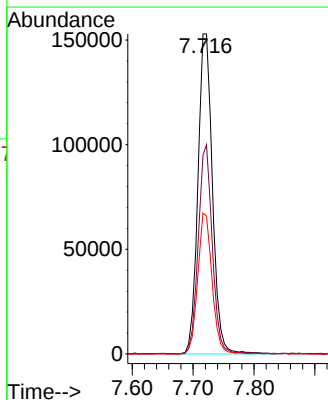
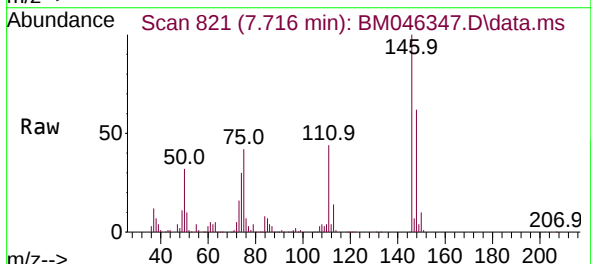
Manual Integrations
APPROVED

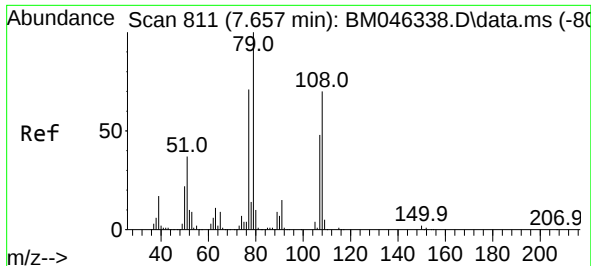
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#14
1,2-Dichlorobenzene
Concen: 45.869 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

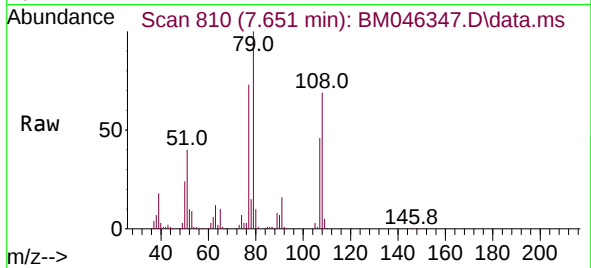
Tgt Ion:146 Resp: 254190
Ion Ratio Lower Upper
146 100
148 62.2 51.3 76.9
111 44.1 35.4 53.2





#15
Benzyl Alcohol
Concen: 53.135 ng
RT: 7.651 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

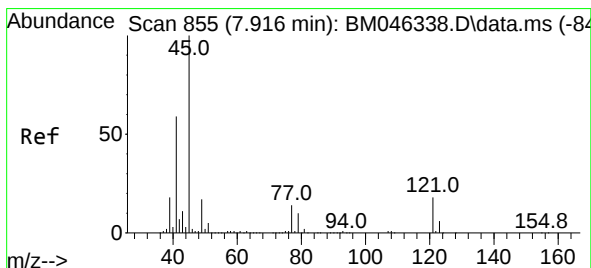
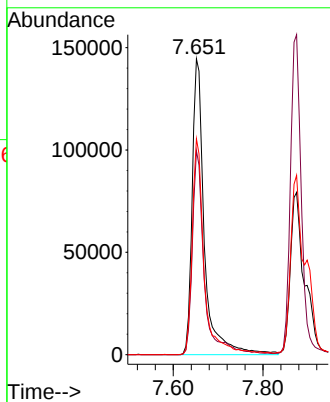
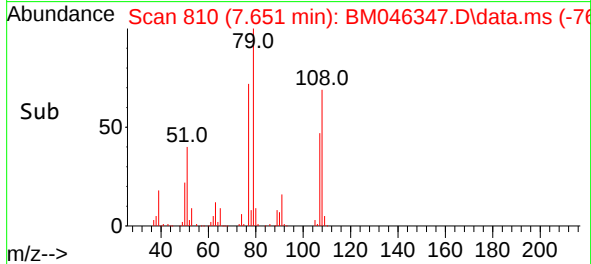
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion: 79 Resp: 27440
Ion Ratio Lower Upper
79 100
108 68.9 56.1 84.1
77 73.0 56.9 85.3

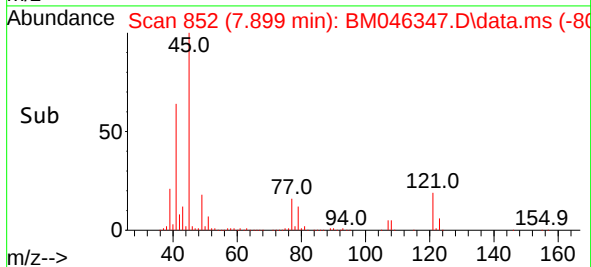
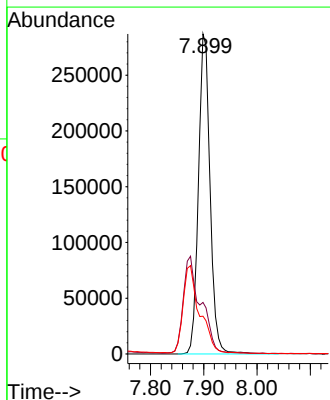
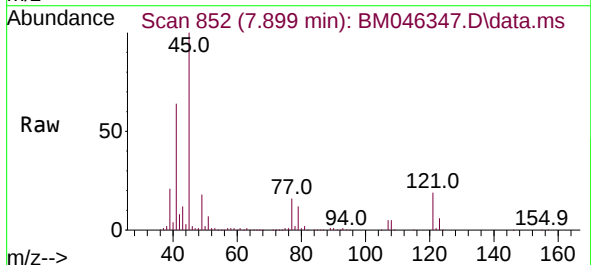
Manual Integrations
APPROVED

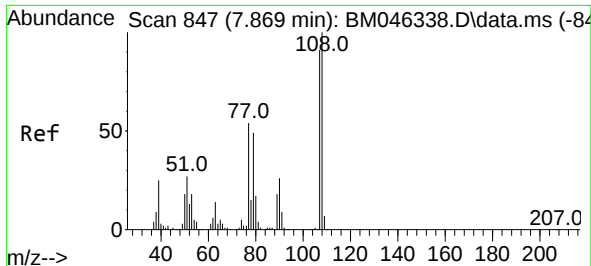
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.654 ng
RT: 7.899 min Scan# 852
Delta R.T. -0.018 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 45 Resp: 435184
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.3
79 11.8 0.0 30.8





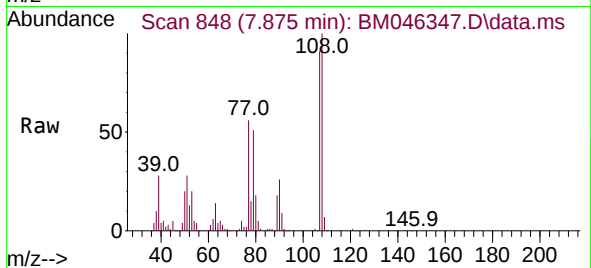
#17
2-Methylphenol
Concen: 54.993 ng
RT: 7.875 min Scan# 847
Delta R.T. 0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



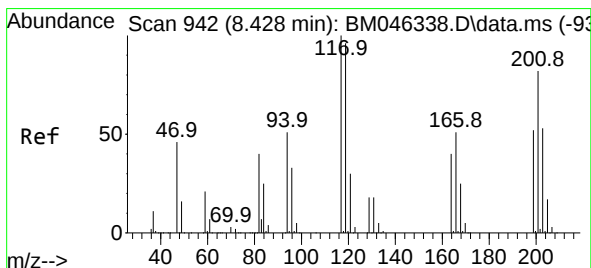
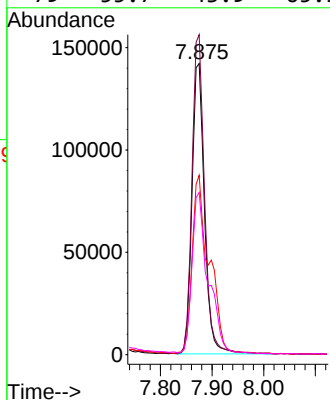
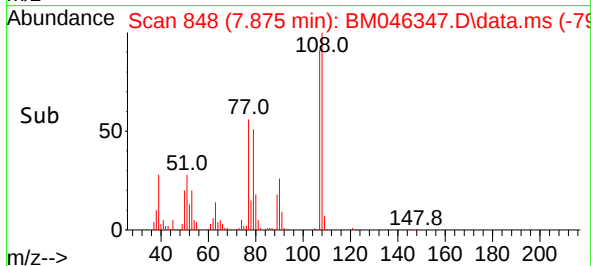
Tgt Ion:107 Resp: 238398
Ion Ratio Lower Upper
107 100
108 109.9 88.1 132.1
77 61.6 47.5 71.3
79 55.7 43.9 65.9

Manual Integrations

APPROVED

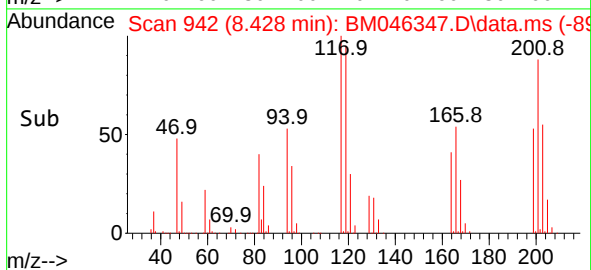
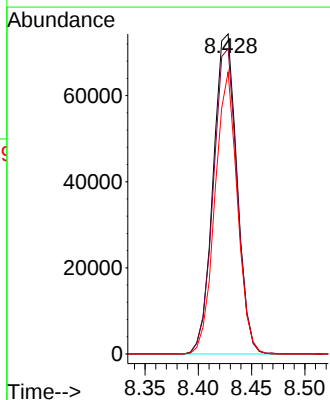
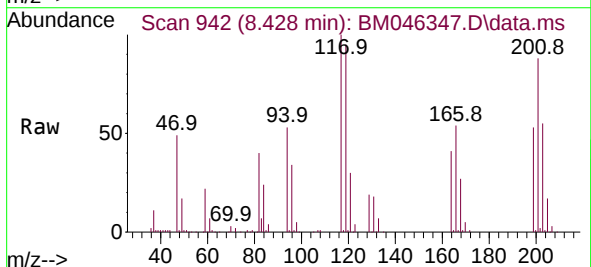
Reviewed By :Yogesh Patel 06/29/2024

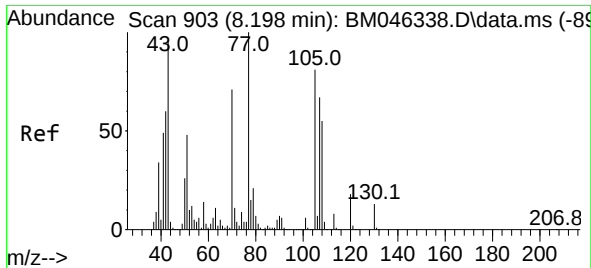
Supervised By :mohammad ahmed 06/29/2024



#18
Hexachloroethane
Concen: 45.491 ng
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

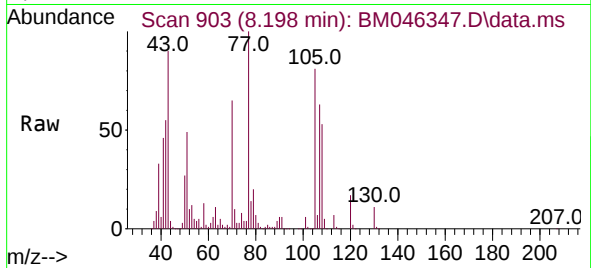
Tgt Ion:117 Resp: 115183
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3
201 89.7 67.2 100.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.921 ng
RT: 8.198 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

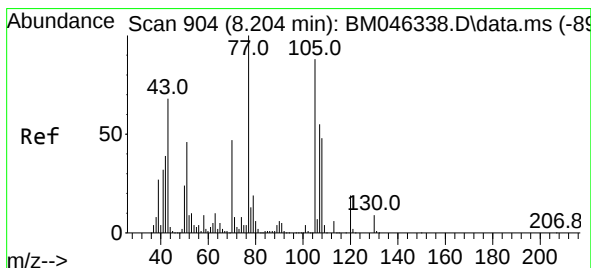
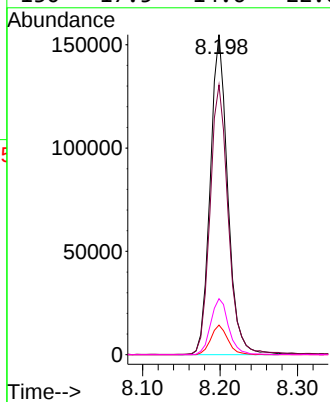
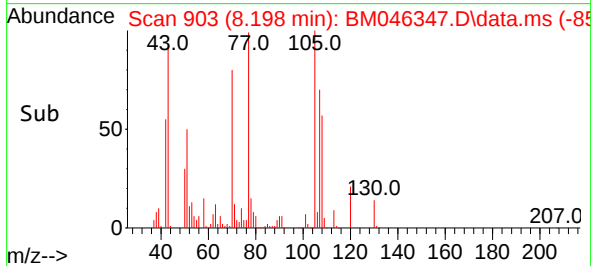
Instrument :
BNA_M
ClientSampleId :
PB161765BS



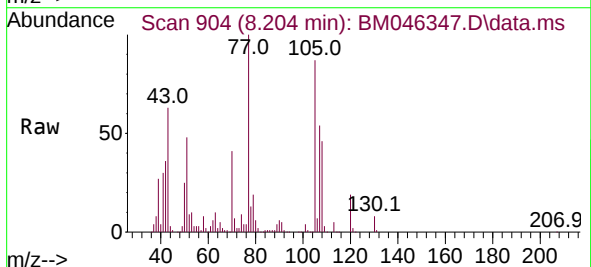
Tgt Ion: 70 Resp: 242850
Ion Ratio Lower Upper
70 100
42 84.3 67.0 100.6
101 9.3 7.3 10.9
130 17.5 14.6 22.0

Manual Integrations
APPROVED

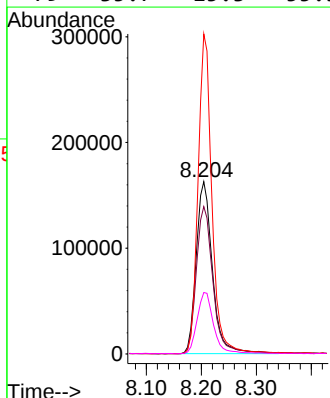
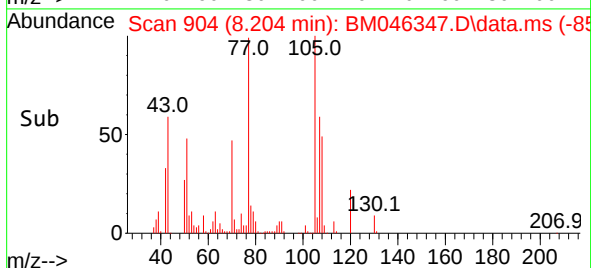
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

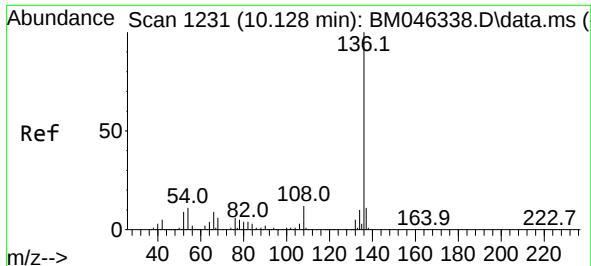


#20
3+4-Methylphenols
Concen: 53.385 ng
RT: 8.204 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



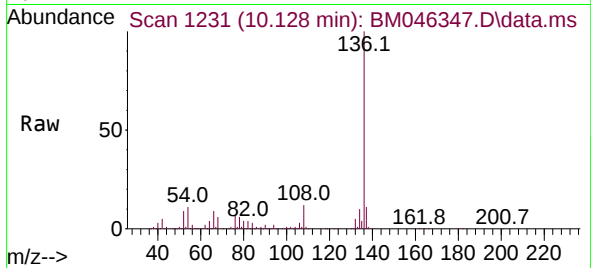
Tgt Ion:107 Resp: 335621
Ion Ratio Lower Upper
107 100
108 85.5 67.7 107.7
77 185.7 161.4 201.4
79 35.7 15.3 55.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

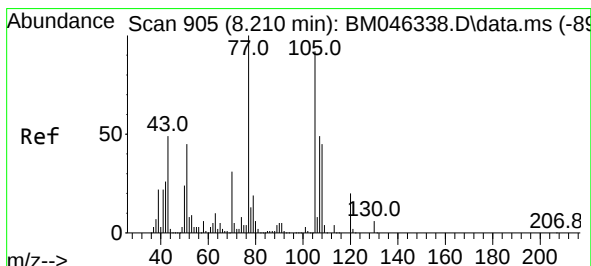
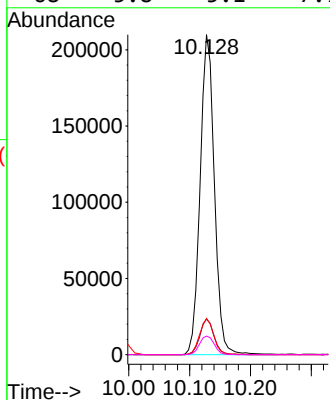
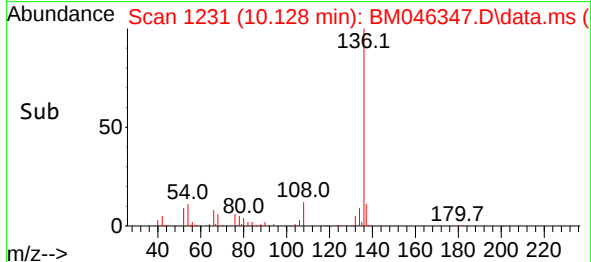
Instrument :
BNA_M
ClientSampleId :
PB161765BS



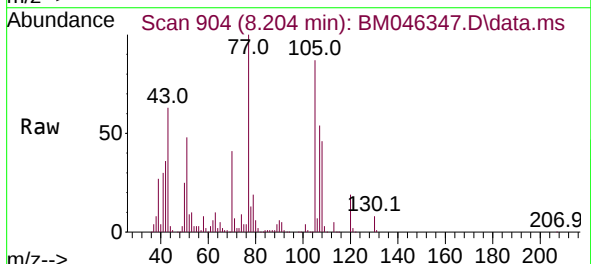
Tgt Ion:136 Resp: 341375
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.4 9.0 13.4
68 5.8 5.1 7.7

Manual Integrations
APPROVED

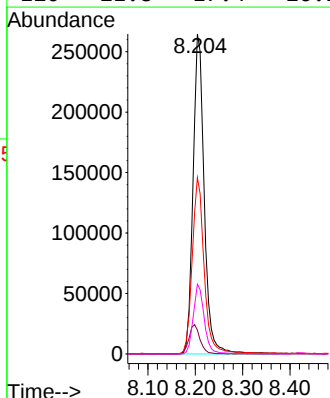
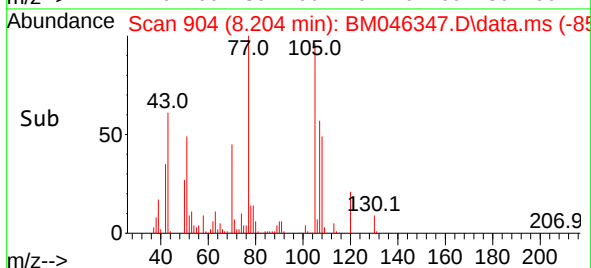
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

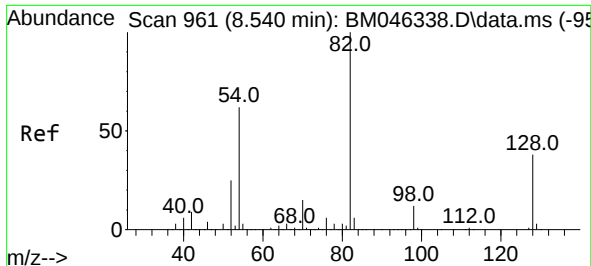


#22
Acetophenone
Concen: 45.697 ng
RT: 8.204 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:105 Resp: 435743
Ion Ratio Lower Upper
105 100
71 7.5 4.2 6.2#
51 55.1 39.4 59.0
120 21.8 17.4 26.2





#23
Nitrobenzene-d5
Concen: 87.383 ng
RT: 8.534 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

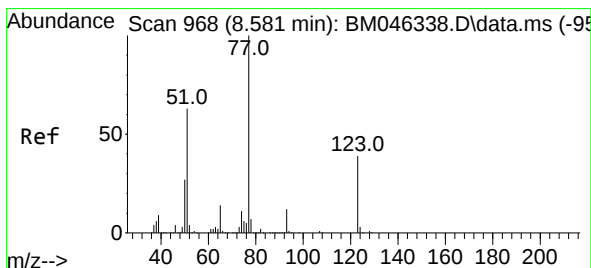
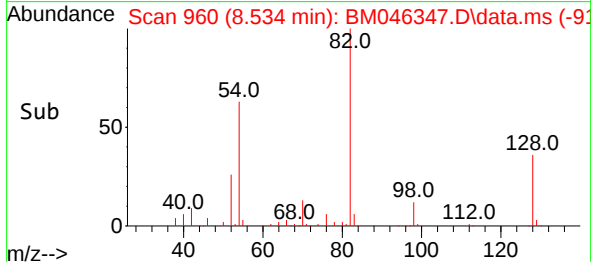
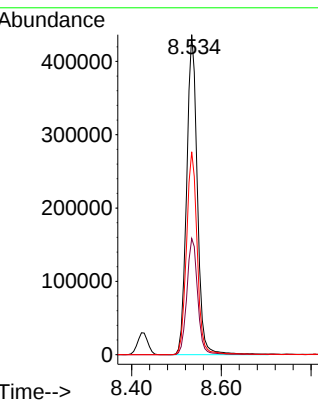
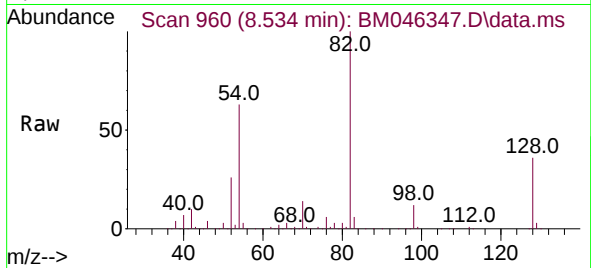
ClientSampleId :

PB161765BS

Tgt Ion: 82 Resp: 719572
Ion Ratio Lower Upper
82 100
128 36.3 30.6 46.0
54 63.4 49.6 74.4

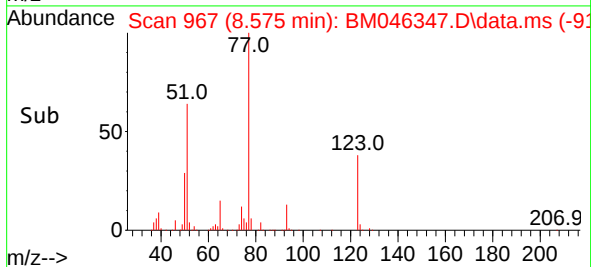
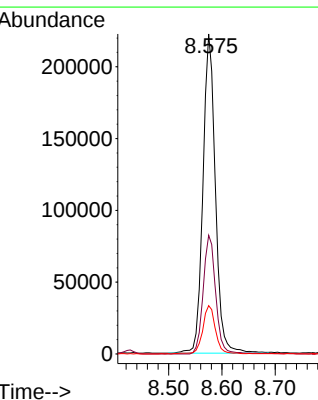
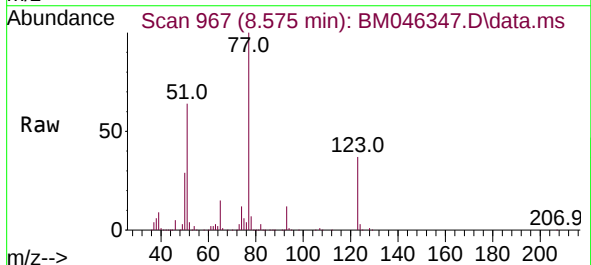
Manual Integrations
APPROVED

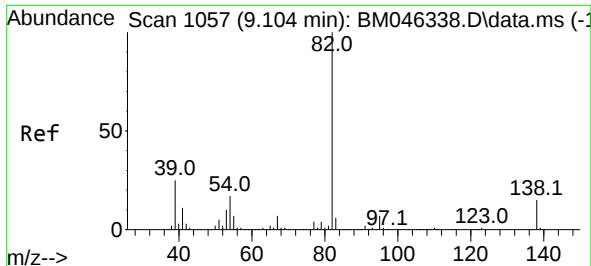
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#24
Nitrobenzene
Concen: 44.735 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

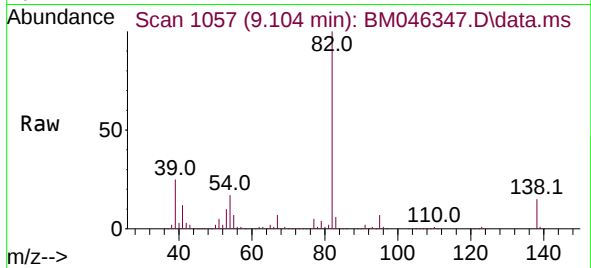
Tgt Ion: 77 Resp: 361876
Ion Ratio Lower Upper
77 100
123 37.1 31.4 47.0
65 15.1 11.5 17.3





#25
Isophorone
Concen: 46.504 ng
RT: 9.104 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

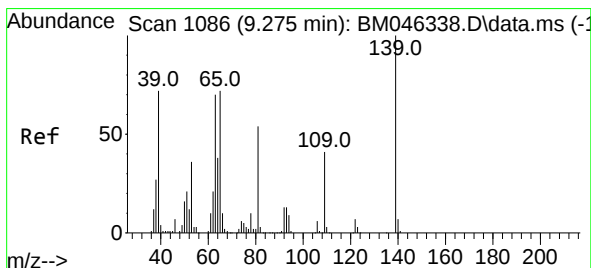
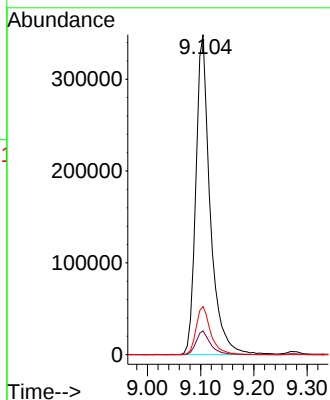
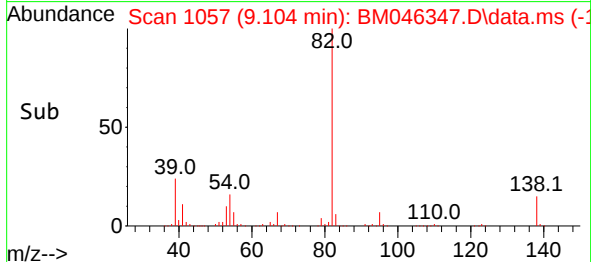
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion: 82 Resp: 649380
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 15.1 12.2 18.2

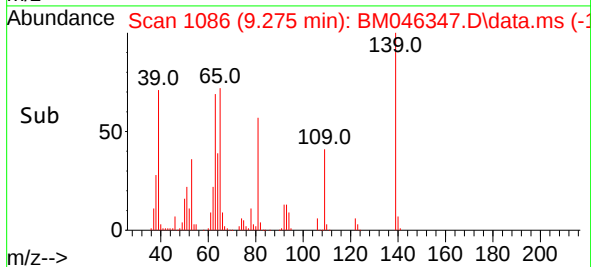
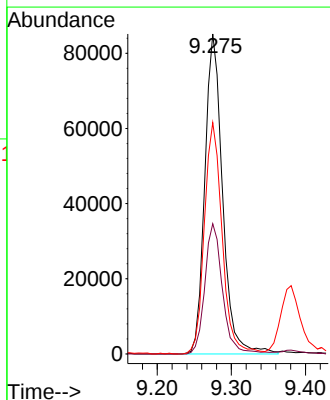
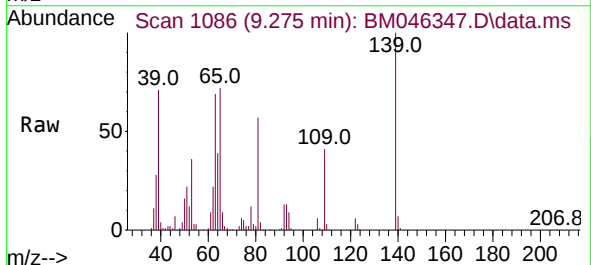
Manual Integrations
APPROVED

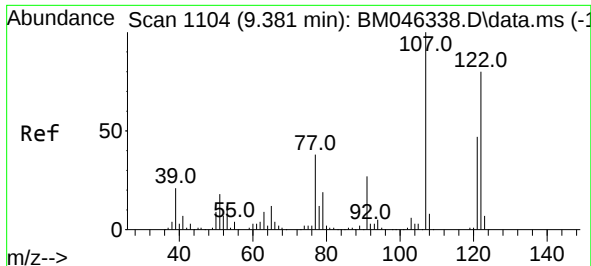
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#26
2-Nitrophenol
Concen: 49.009 ng
RT: 9.275 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:139 Resp: 141892
Ion Ratio Lower Upper
139 100
109 40.7 32.9 49.3
65 72.3 57.4 86.2





#27

2,4-Dimethylphenol

Concen: 56.628 ng

RT: 9.381 min Scan# 1104

Delta R.T. -0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

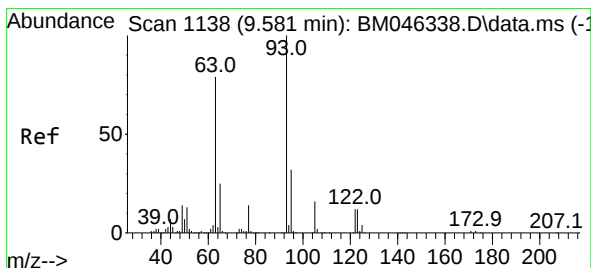
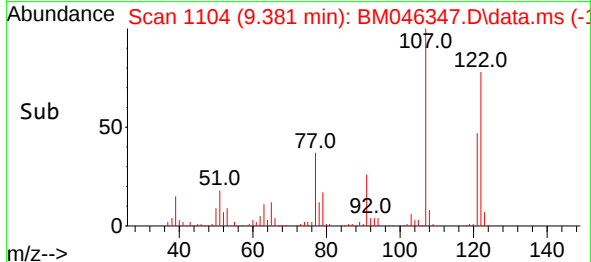
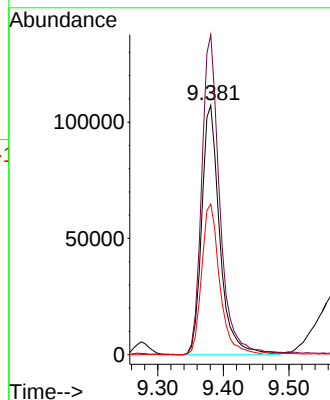
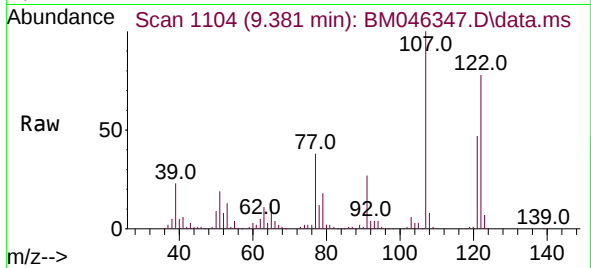
PB161765BS

Tgt Ion:122 Resp: 20554
 Ion Ratio Lower Upper
 122 100
 107 128.4 99.5 149.3
 121 60.5 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.402 ng

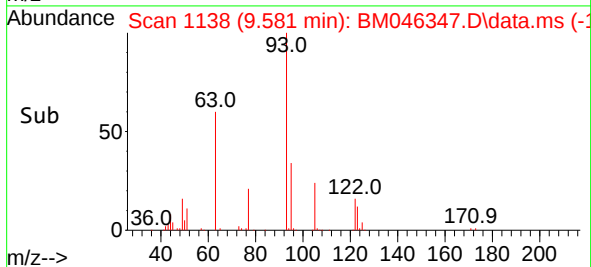
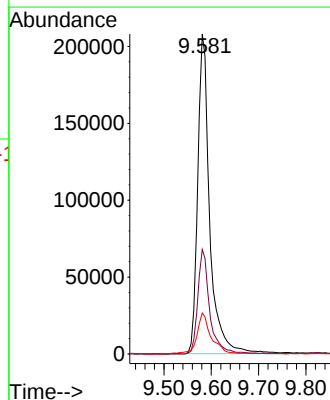
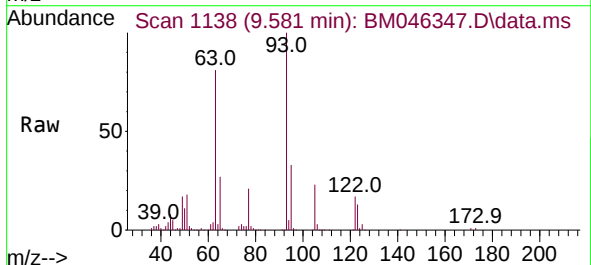
RT: 9.581 min Scan# 1138

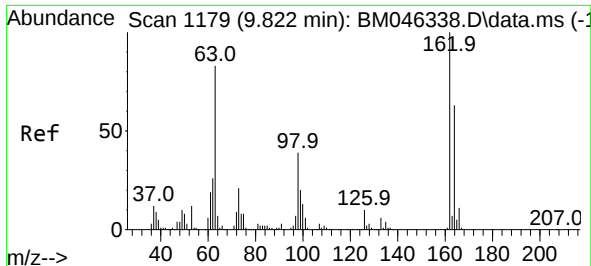
Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Tgt Ion: 93 Resp: 365701
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.6 38.4
 123 12.8 9.5 14.3





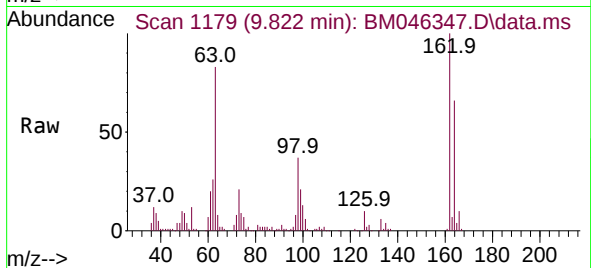
#29
2,4-Dichlorophenol
Concen: 54.228 ng
RT: 9.822 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

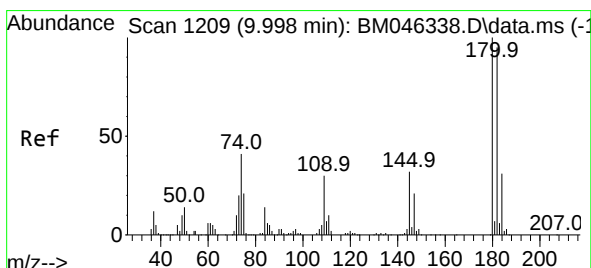
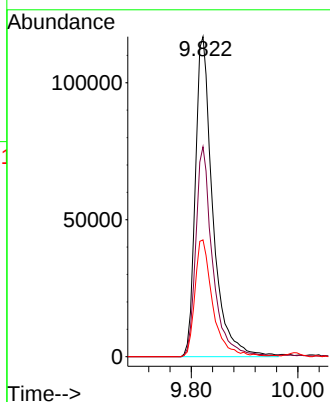
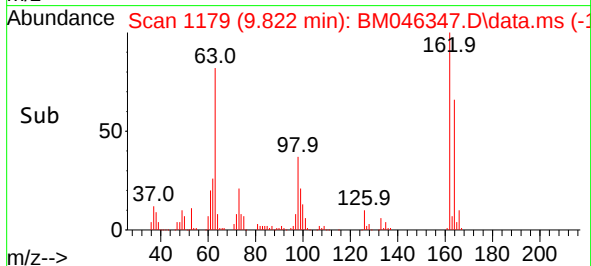
PB161765BS



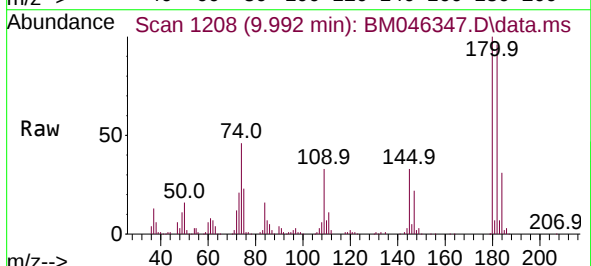
Tgt Ion:162 Resp: 26582
Ion Ratio Lower Upper
162 100
164 65.6 42.7 82.7
98 36.5 19.1 59.1

Manual Integrations
APPROVED

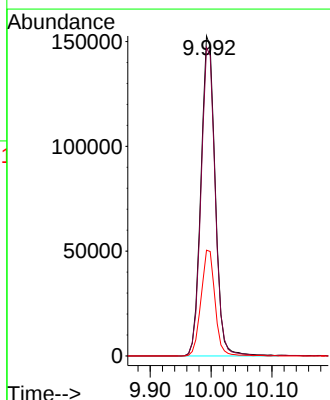
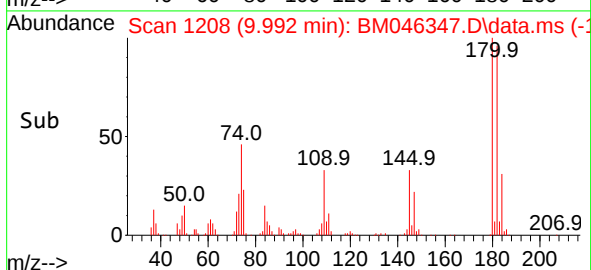
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

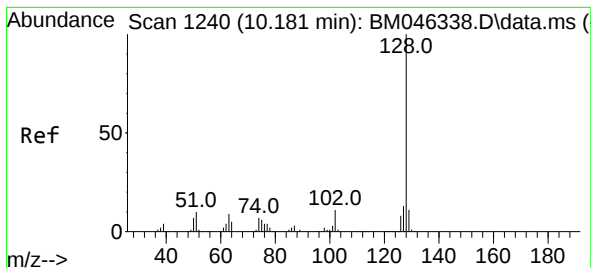


#30
1,2,4-Trichlorobenzene
Concen: 44.659 ng
RT: 9.992 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



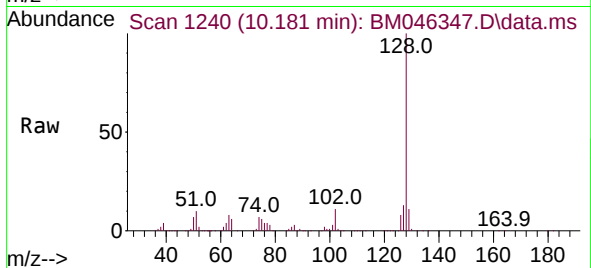
Tgt Ion:180 Resp: 247886
Ion Ratio Lower Upper
180 100
182 96.4 75.6 113.4
145 33.0 26.0 39.0





#31
Naphthalene
Concen: 45.604 ng
RT: 10.181 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

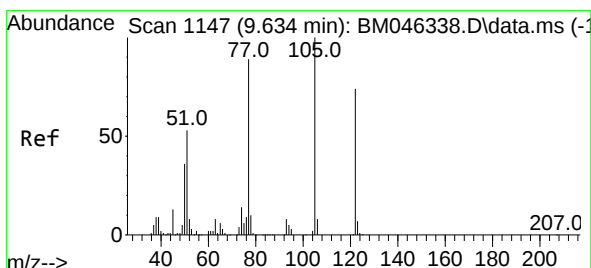
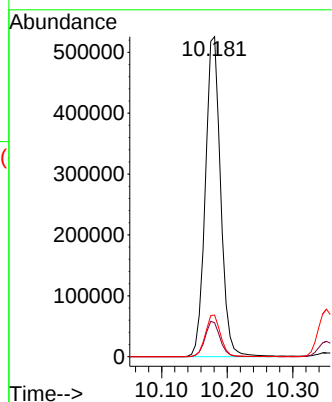
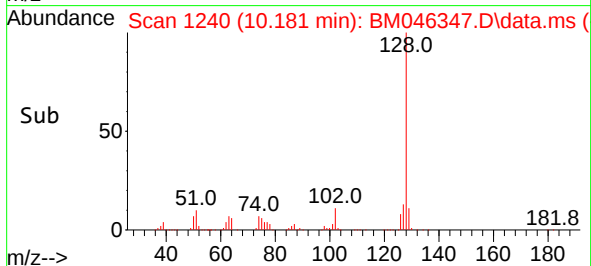
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion:128 Resp: 85318
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.0 10.3 15.5

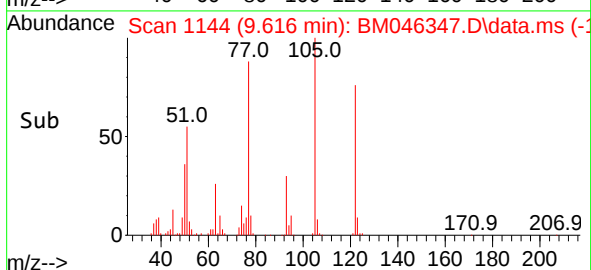
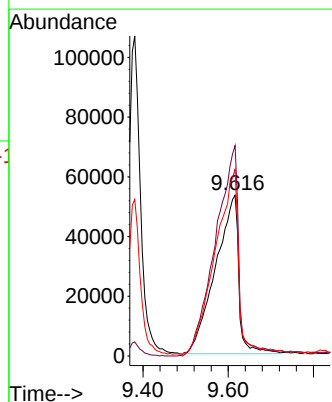
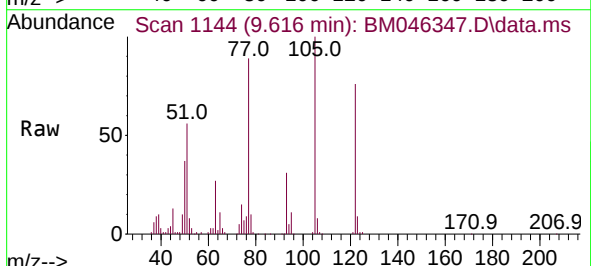
Manual Integrations
APPROVED

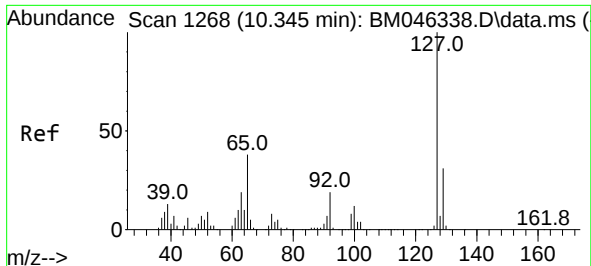
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#32
Benzoic acid
Concen: 46.173 ng
RT: 9.616 min Scan# 1144
Delta R.T. -0.018 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

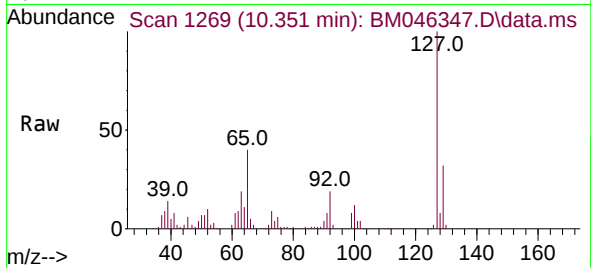
Tgt Ion:122 Resp: 201709
Ion Ratio Lower Upper
122 100
105 130.9 115.0 155.0
77 116.1 100.1 140.1





#33
4-Chloroaniline
Concen: 27.243 ng
RT: 10.351 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

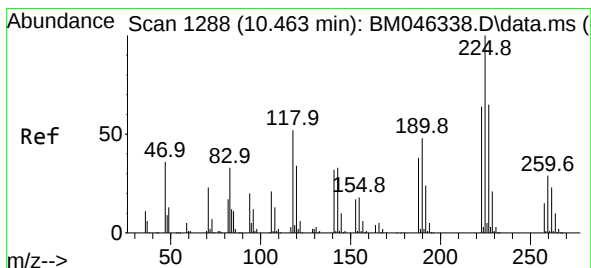
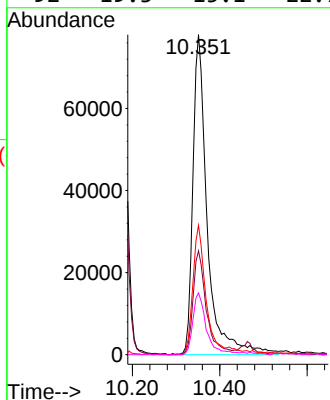
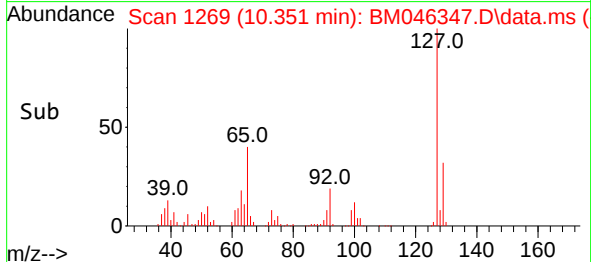
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion:127 Resp: 17853
Ion Ratio Lower Upper
127 100
129 32.5 25.0 37.4
65 40.5 30.2 45.4
92 19.3 15.1 22.7

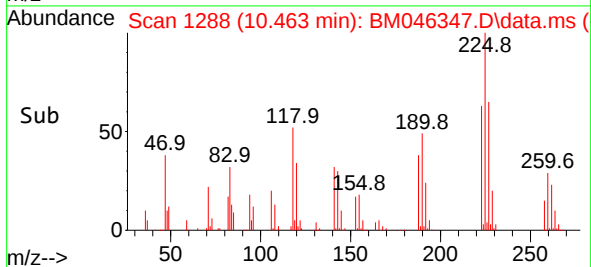
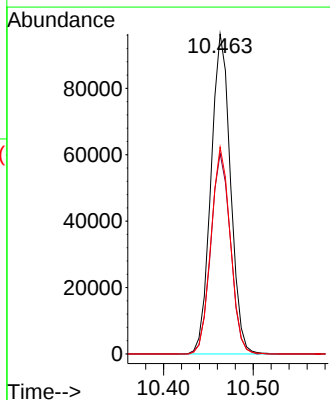
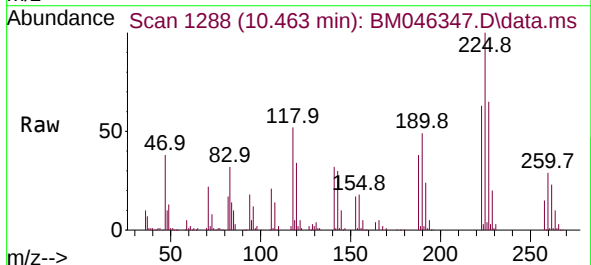
Manual Integrations
APPROVED

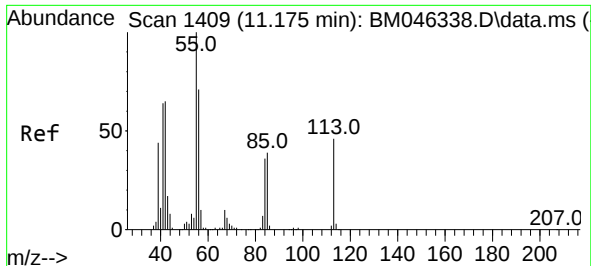
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#34
Hexachlorobutadiene
Concen: 42.633 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

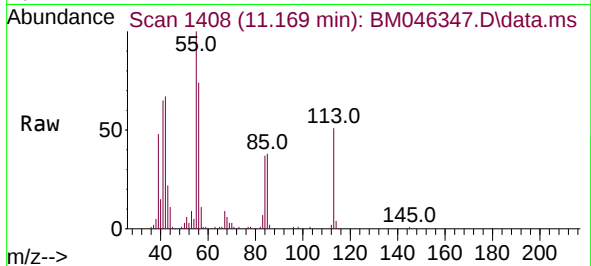
Tgt Ion:225 Resp: 145889
Ion Ratio Lower Upper
225 100
223 62.7 50.8 76.2
227 64.7 51.6 77.4





#35
Caprolactam
Concen: 50.454 ng m
RT: 11.169 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

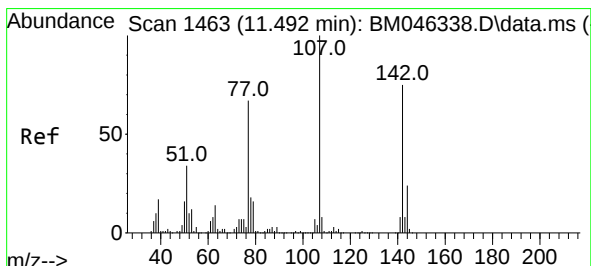
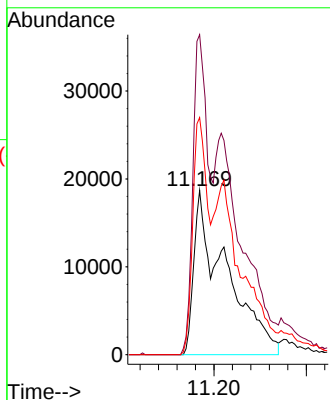
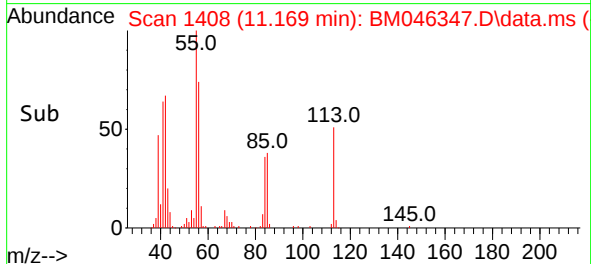
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion:113 Resp: 90592
Ion Ratio Lower Upper
113 100
55 194.8 199.3 239.3
56 144.3 136.8 176.8

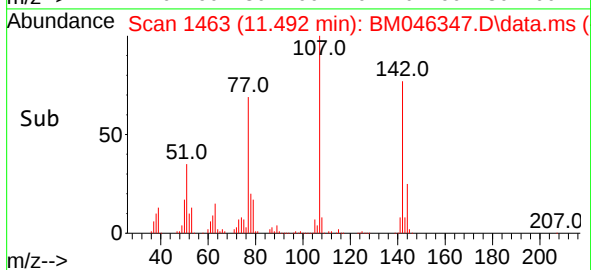
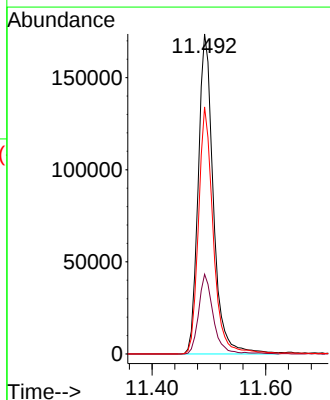
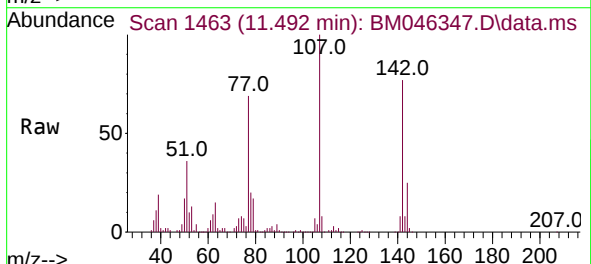
Manual Integrations
APPROVED

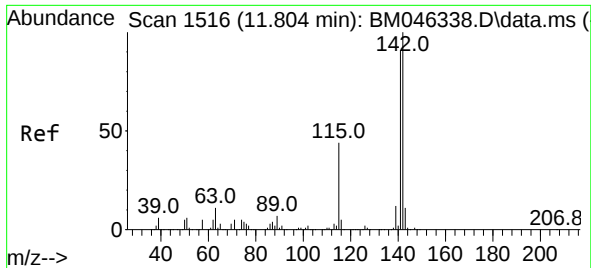
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#36
4-Chloro-3-methylphenol
Concen: 52.717 ng
RT: 11.492 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

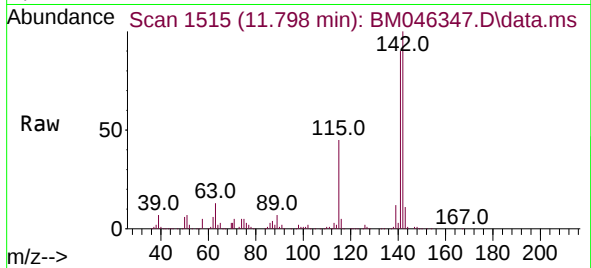
Tgt Ion:107 Resp: 321524
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 77.2 60.1 90.1





#37
2-Methylnaphthalene
Concen: 47.552 ng
RT: 11.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

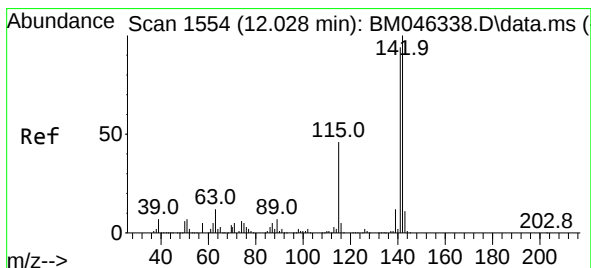
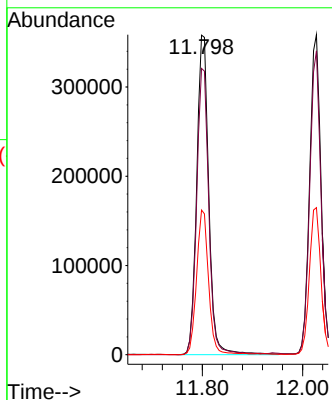
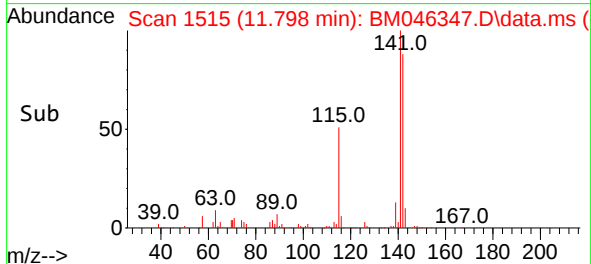
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion:142 Resp: 599970
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2
115 45.3 34.8 52.2

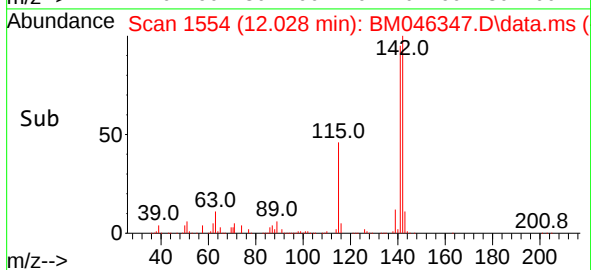
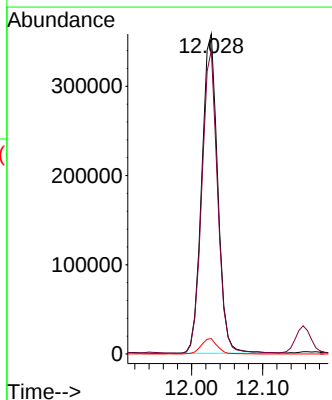
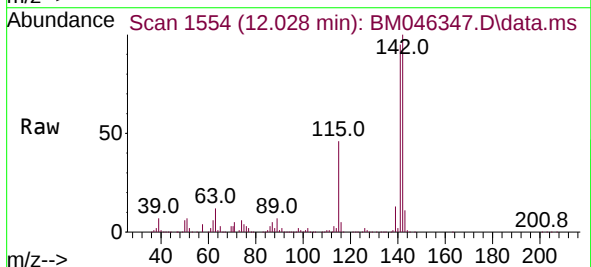
Manual Integrations
APPROVED

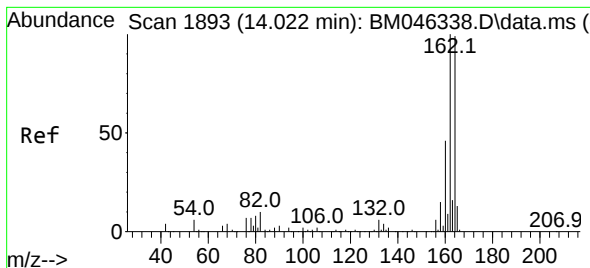
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#38
1-Methylnaphthalene
Concen: 45.049 ng
RT: 12.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:142 Resp: 561999
Ion Ratio Lower Upper
142 100
141 94.9 75.3 112.9
116 4.8 3.8 5.6





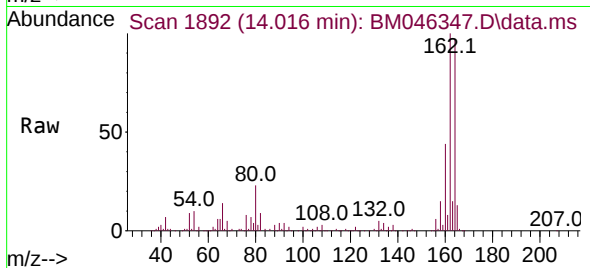
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

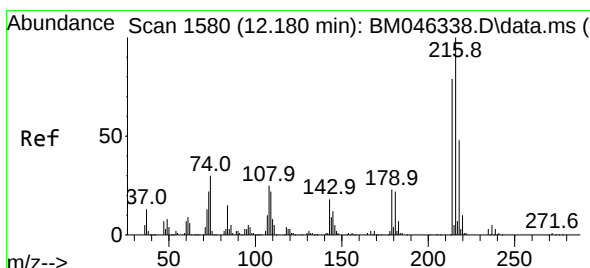
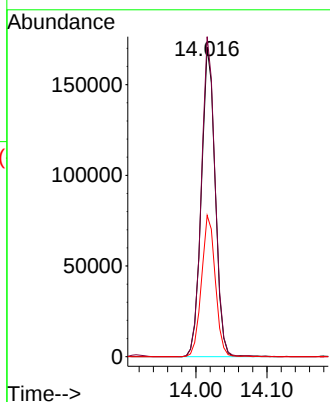
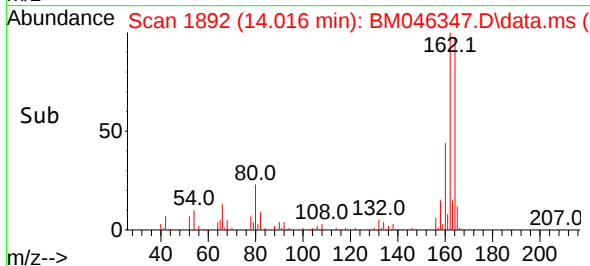


Tgt Ion:164 Resp: 23149
Ion Ratio Lower Upper
164 100
162 103.4 80.5 120.7
160 45.7 37.0 55.6

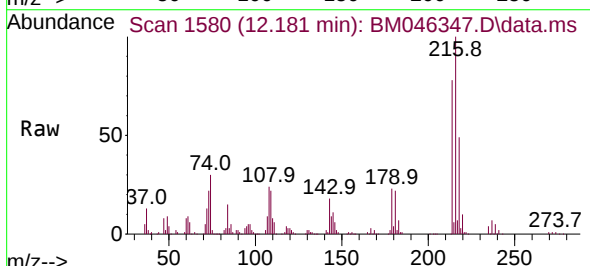
Manual Integrations

APPROVED

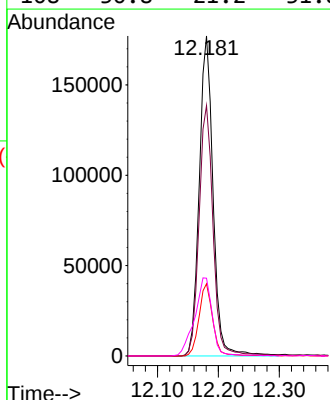
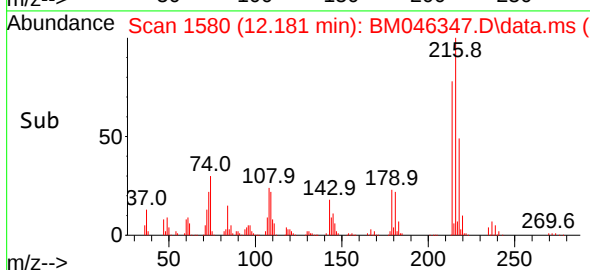
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

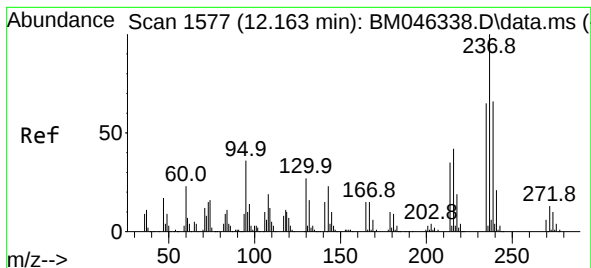


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.371 ng
RT: 12.181 min Scan# 1580
Delta R.T. 0.001 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



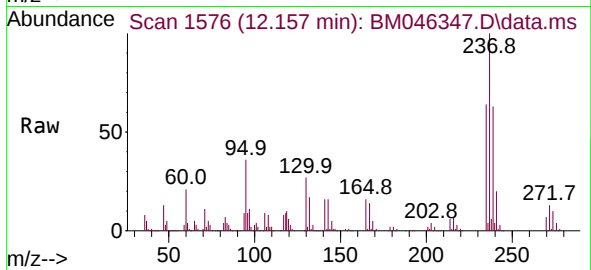
Tgt Ion:216 Resp: 280199
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.2
179 22.5 17.9 26.9
108 30.8 21.2 31.8





#41
Hexachlorocyclopentadiene
Concen: 120.315 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

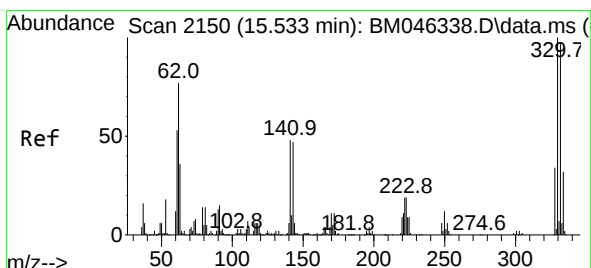
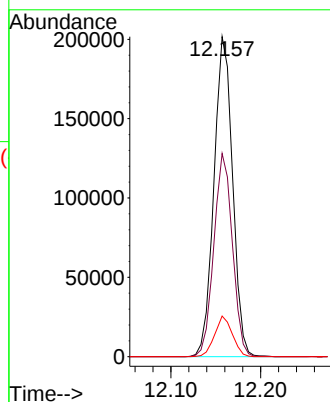
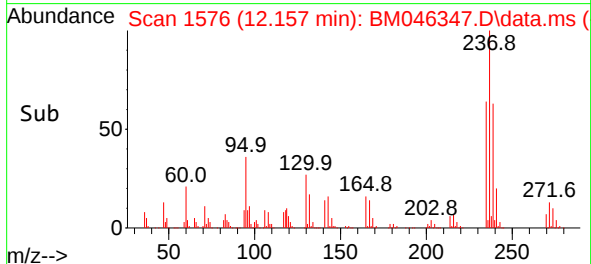
Instrument :
BNA_M
ClientSampleId :
PB161765BS



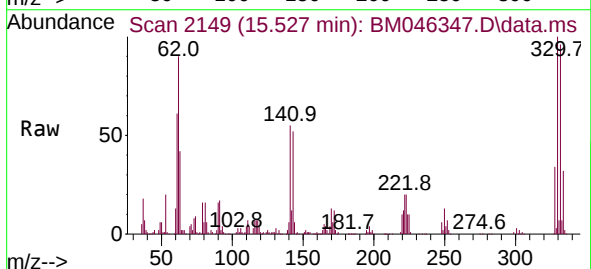
Tgt Ion:237 Resp: 29117
Ion Ratio Lower Upper
237 100
235 63.5 44.5 84.5
272 12.7 0.0 33.4

Manual Integrations
APPROVED

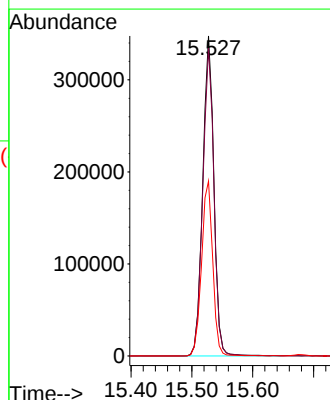
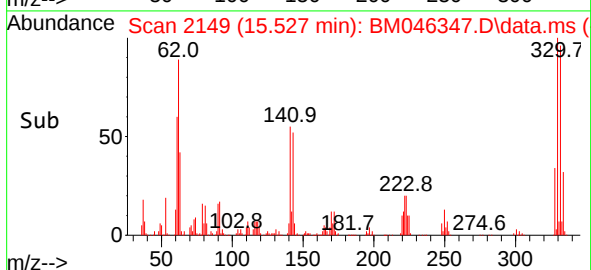
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

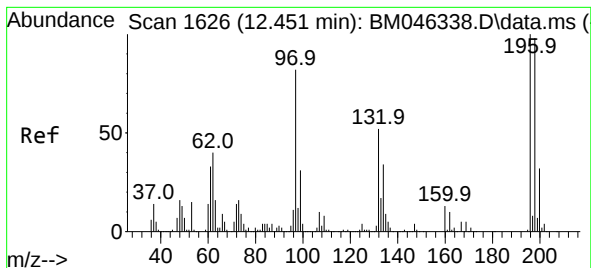


#42
2,4,6-Tribromophenol
Concen: 156.311 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:330 Resp: 440050
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 54.9 43.2 64.8





#43

2,4,6-Trichlorophenol

Concen: 50.758 ng

RT: 12.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion:196 Resp: 20820

Ion Ratio Lower Upper

196 100

198 95.6 78.7 118.1

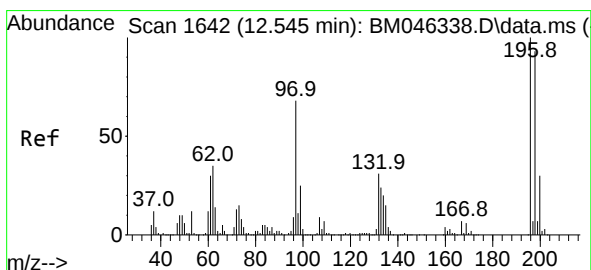
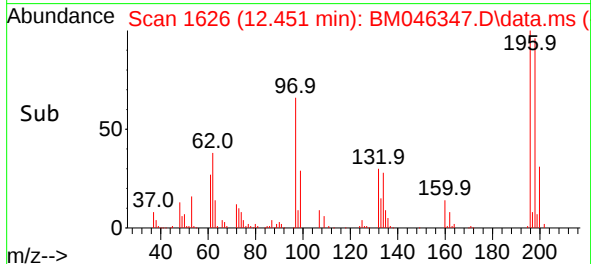
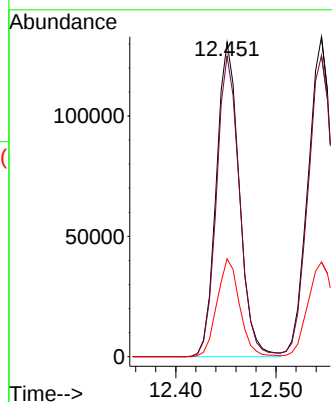
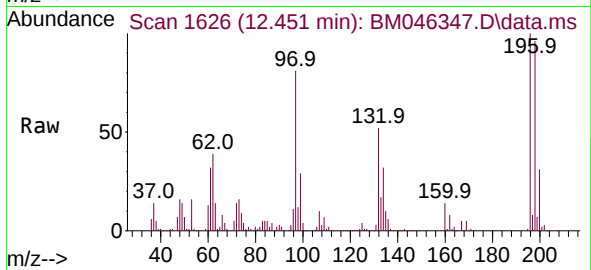
200 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#44

2,4,5-Trichlorophenol

Concen: 49.778 ng

RT: 12.545 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Tgt Ion:196 Resp: 235278

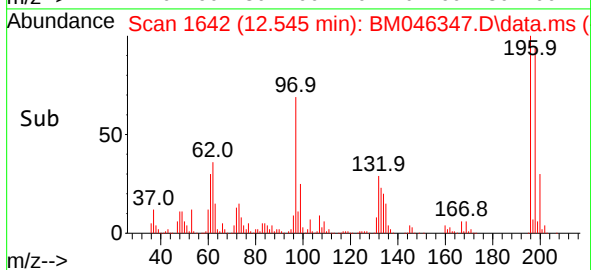
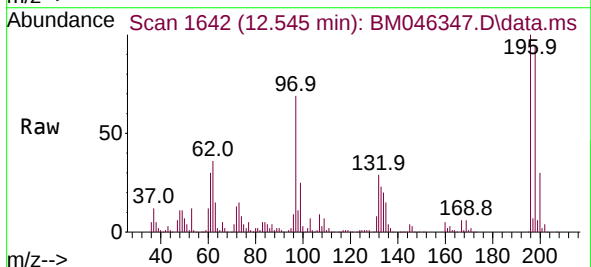
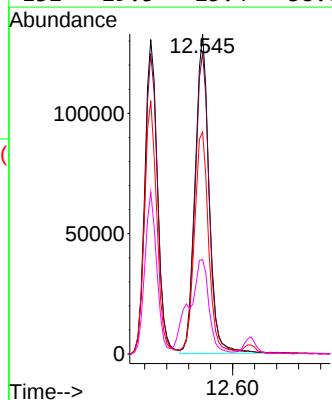
Ion Ratio Lower Upper

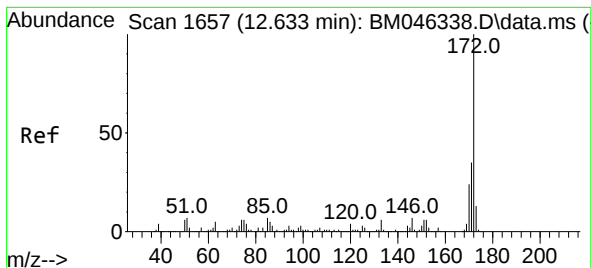
196 100

198 94.1 74.7 112.1

97 69.4 54.6 82.0

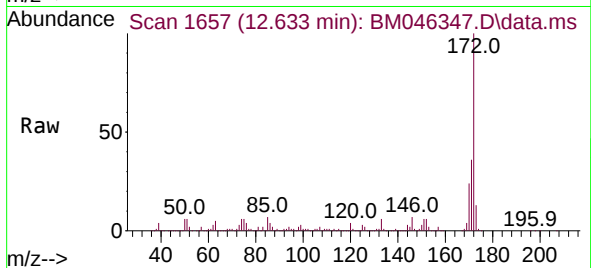
132 29.5 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 86.961 ng
RT: 12.633 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

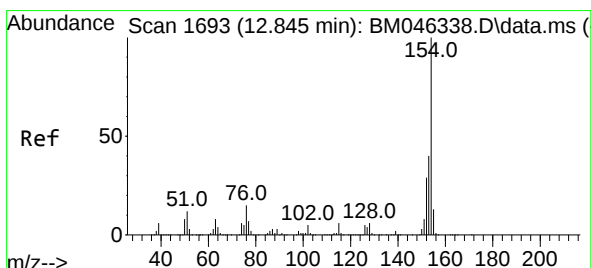
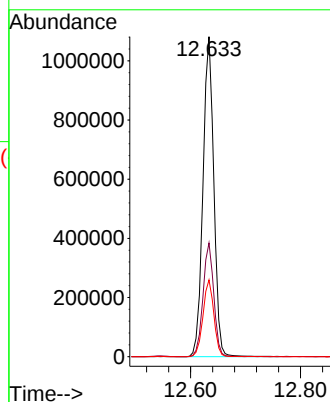
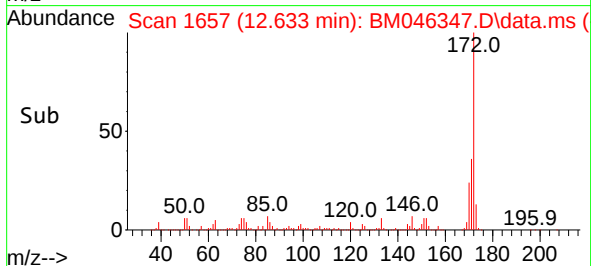
Instrument :
BNA_M
ClientSampleId :
PB161765BS



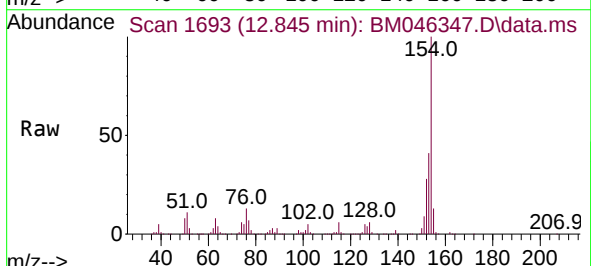
Tgt Ion:172 Resp: 148524
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.0 19.4 29.0

Manual Integrations
APPROVED

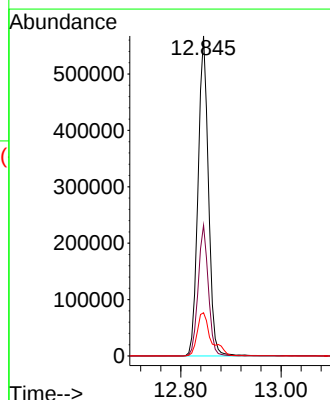
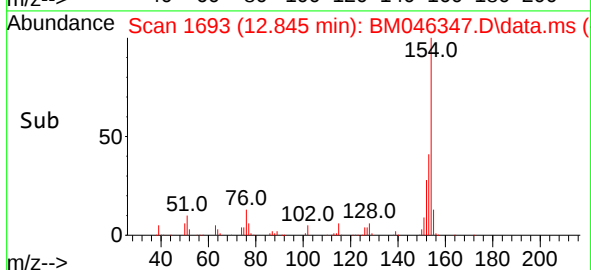
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

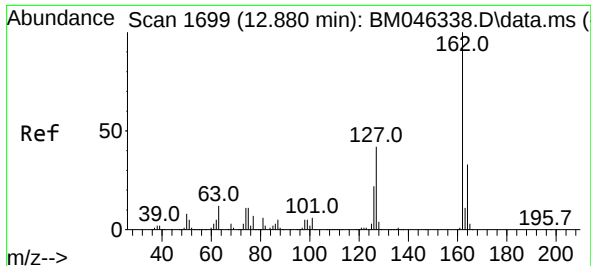


#46
1,1'-Biphenyl
Concen: 46.936 ng
RT: 12.845 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:154 Resp: 813427
Ion Ratio Lower Upper
154 100
153 40.8 19.8 59.8
76 13.5 0.0 34.8





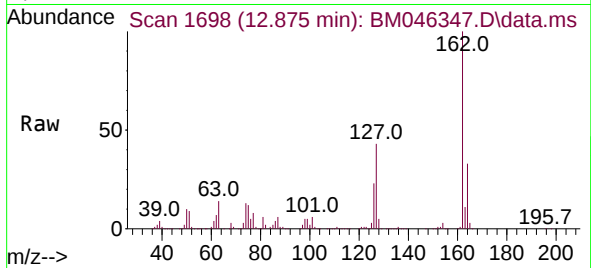
#47
2-Chloronaphthalene
Concen: 45.533 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



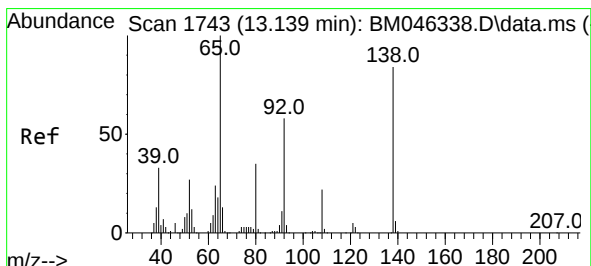
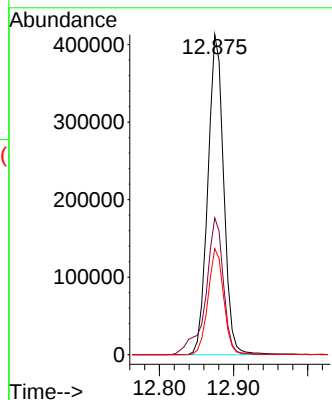
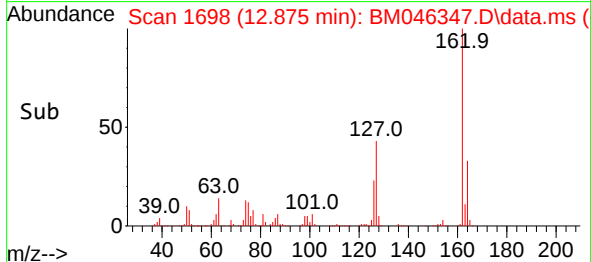
Tgt Ion:162 Resp: 612540
Ion Ratio Lower Upper
162 100
127 42.8 34.1 51.1
164 33.1 26.1 39.1

Manual Integrations

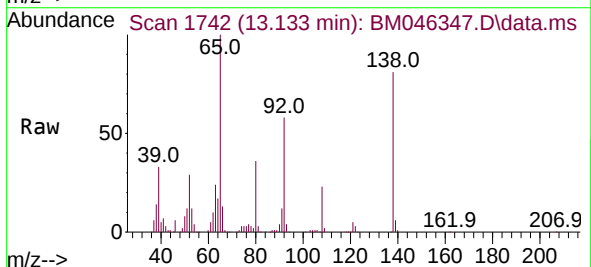
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

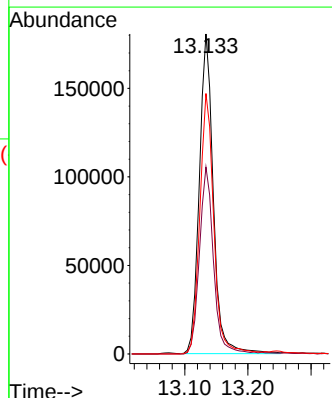
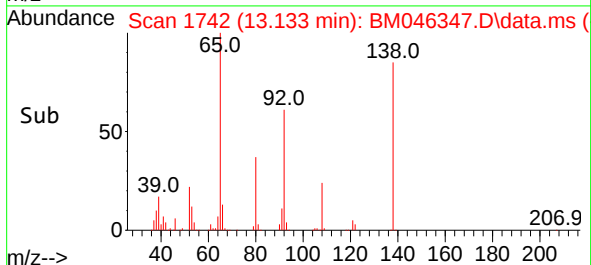
Supervised By :mohammad ahmed 06/29/2024

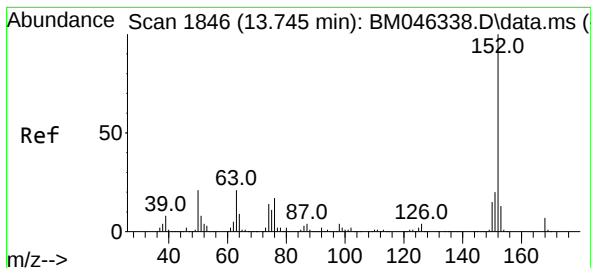


#48
2-Nitroaniline
Concen: 52.145 ng
RT: 13.133 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion: 65 Resp: 278493
Ion Ratio Lower Upper
65 100
92 58.4 46.7 70.1
138 81.4 67.3 100.9





#49

Acenaphthylene

Concen: 52.517 ng

RT: 13.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion:152 Resp: 108919

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

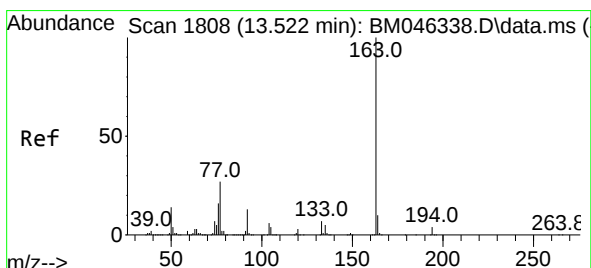
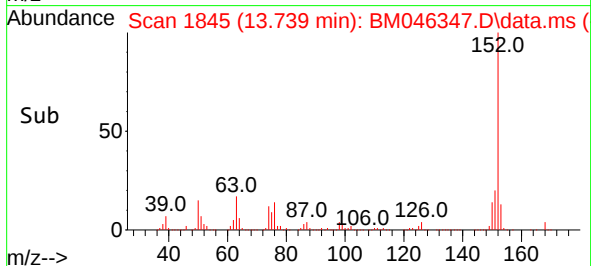
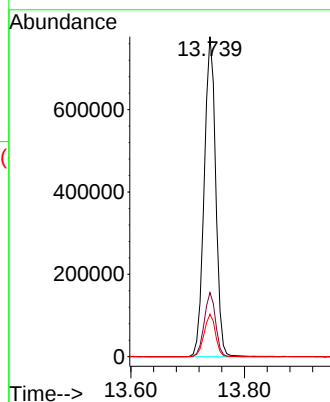
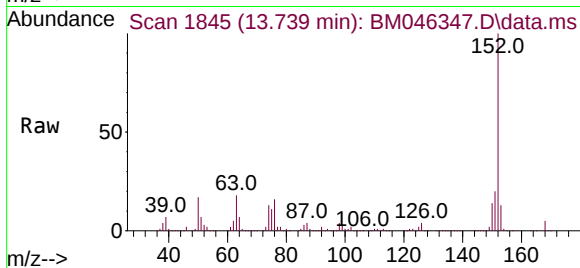
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#50

Dimethylphthalate

Concen: 49.513 ng

RT: 13.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

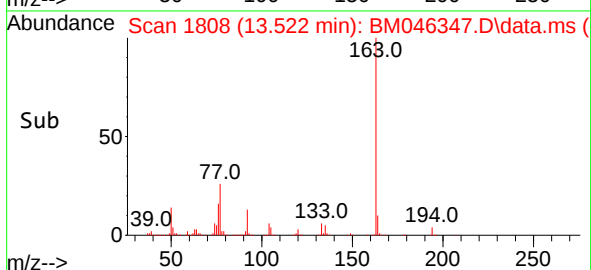
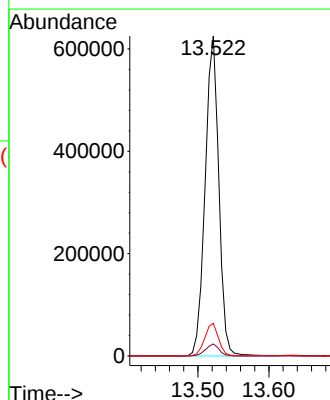
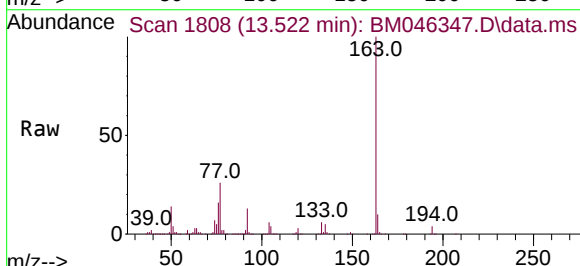
Tgt Ion:163 Resp: 837882

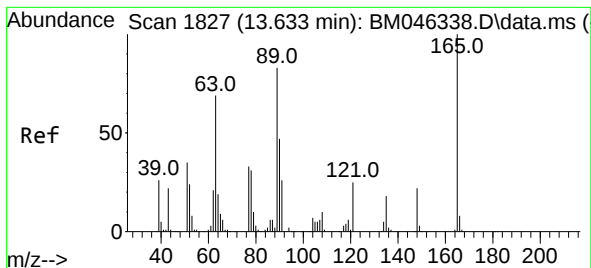
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 47.839 ng
RT: 13.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

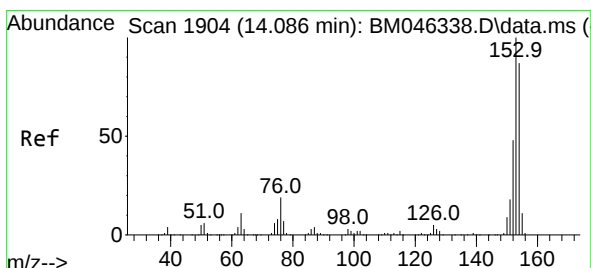
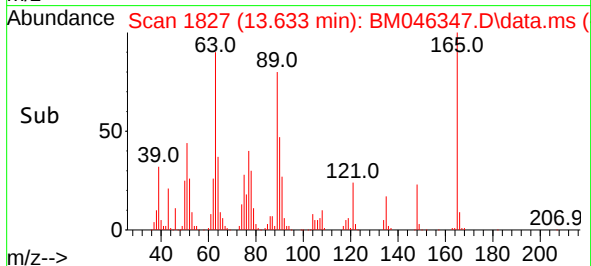
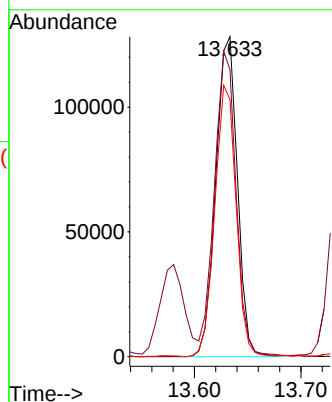
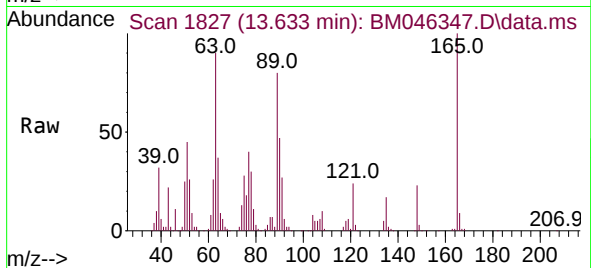
PB161765BS

Tgt Ion:165 Resp: 18028
Ion Ratio Lower Upper
165 100
63 89.7 74.4 111.6
89 80.3 66.2 99.2

Manual Integrations

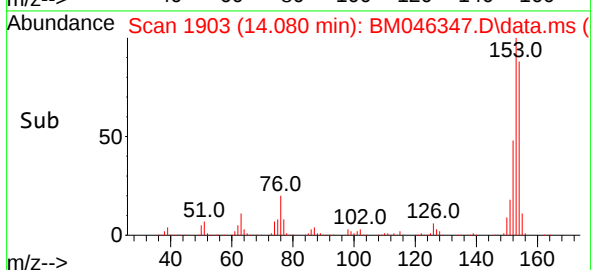
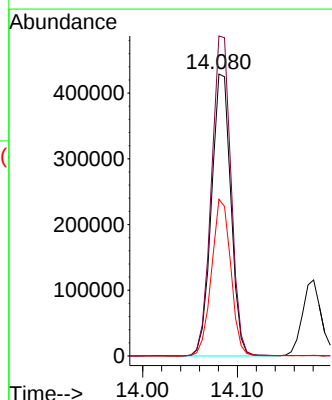
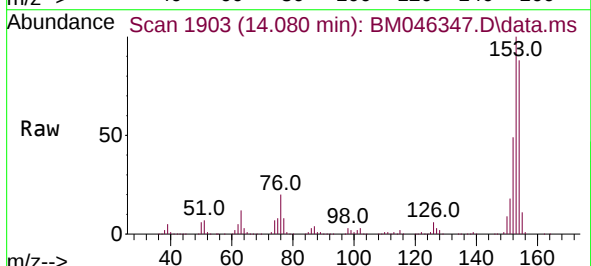
APPROVED

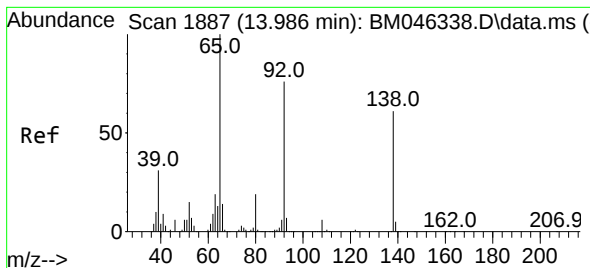
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#52
Acenaphthene
Concen: 47.408 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:154 Resp: 611151
Ion Ratio Lower Upper
154 100
153 113.5 92.0 138.0
152 55.5 44.4 66.6





#53
3-Nitroaniline
Concen: 35.591 ng
RT: 13.980 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

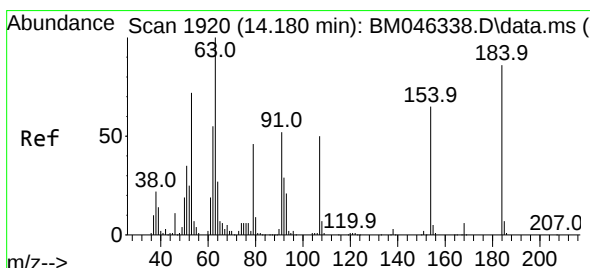
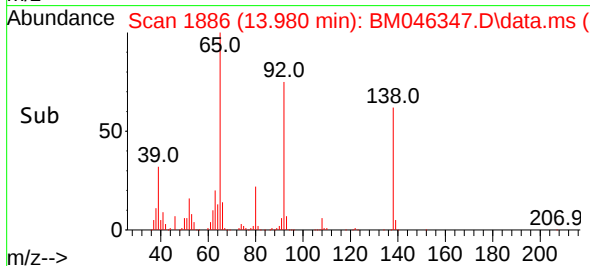
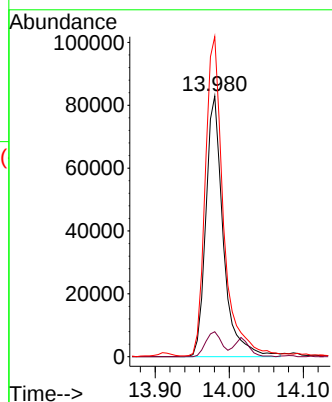
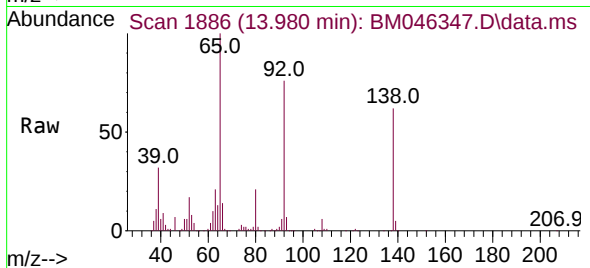
PB161765BS

Tgt Ion:138 Resp: 13551
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.0
92 122.7 99.3 148.9

Manual Integrations

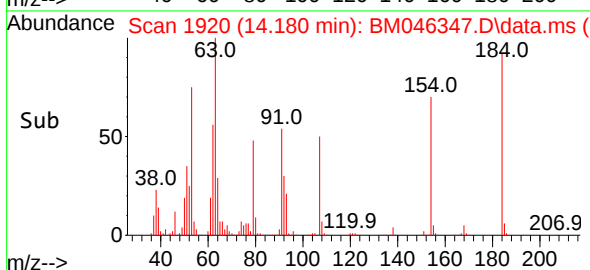
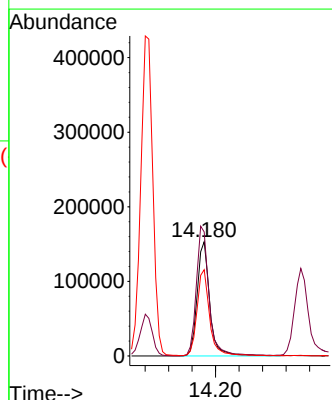
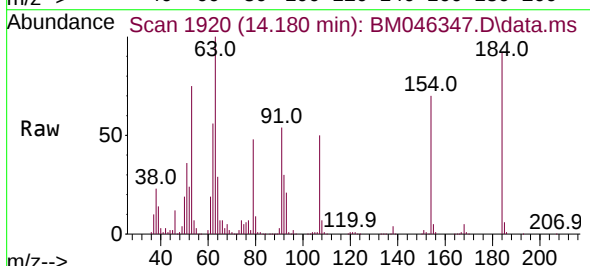
APPROVED

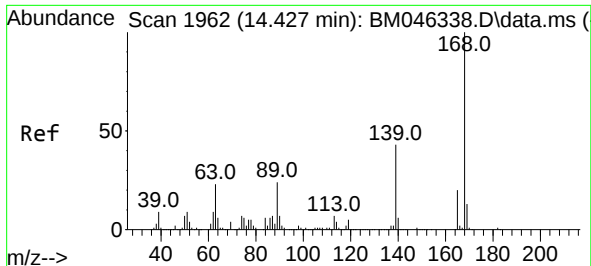
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#54
2,4-Dinitrophenol
Concen: 100.430 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

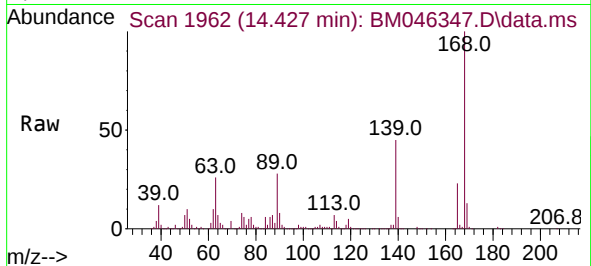
Tgt Ion:184 Resp: 226472
Ion Ratio Lower Upper
184 100
63 108.7 93.5 140.3
154 75.5 61.2 91.8





#55
Dibenzenofuran
Concen: 48.835 ng
RT: 14.427 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

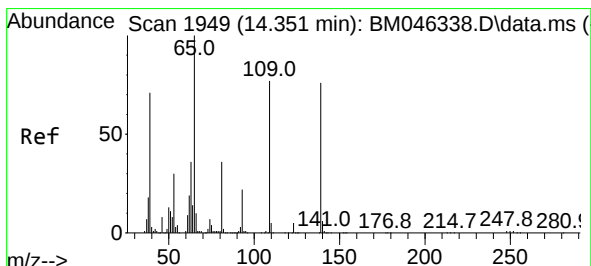
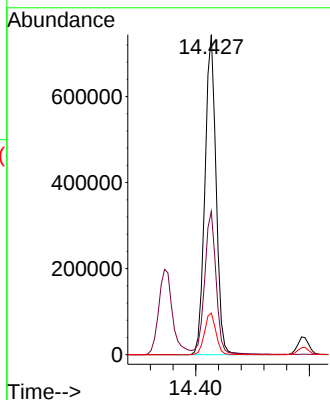
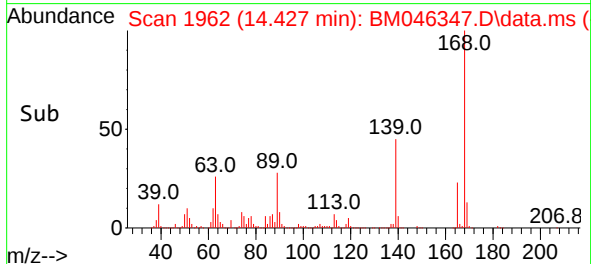
Instrument :
BNA_M
ClientSampleId :
PB161765BS



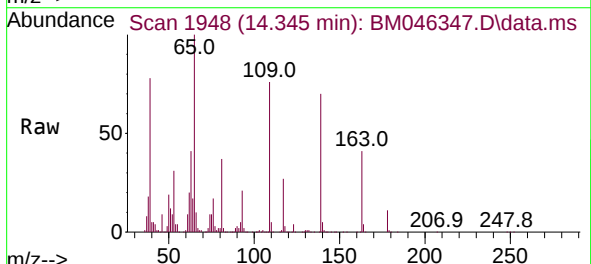
Tgt Ion:168 Resp: 1008755
Ion Ratio Lower Upper
168 100
139 44.8 35.4 53.2
169 13.0 10.7 16.1

Manual Integrations
APPROVED

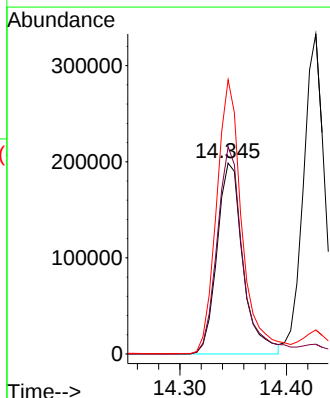
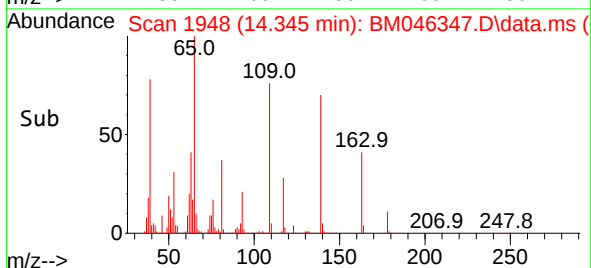
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

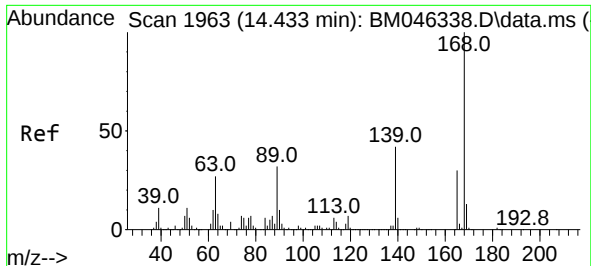


#56
4-Nitrophenol
Concen: 105.352 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:139 Resp: 336155
Ion Ratio Lower Upper
139 100
109 108.5 82.0 122.0
65 143.7 112.0 152.0





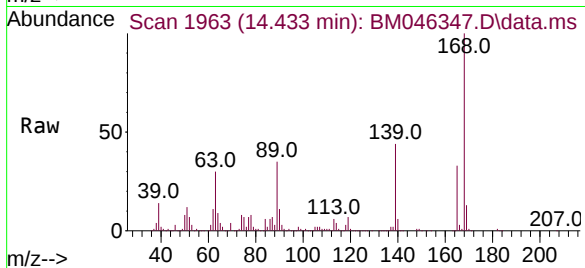
#57
2,4-Dinitrotoluene
Concen: 49.545 ng
RT: 14.433 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

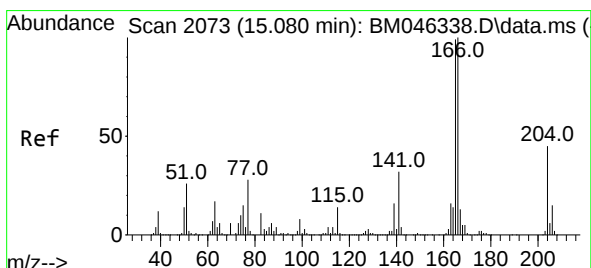
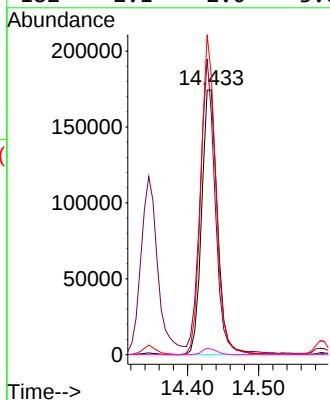
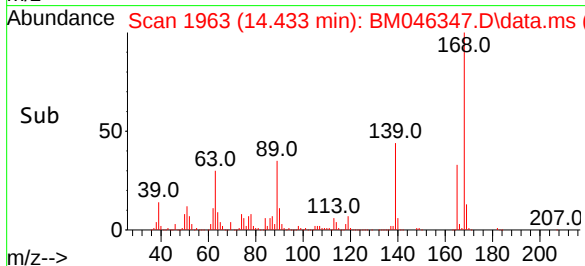


Tgt Ion:165 Resp: 270198
Ion Ratio Lower Upper
165 100
63 90.9 74.2 111.2
89 105.4 86.1 129.1
182 2.1 2.0 3.0

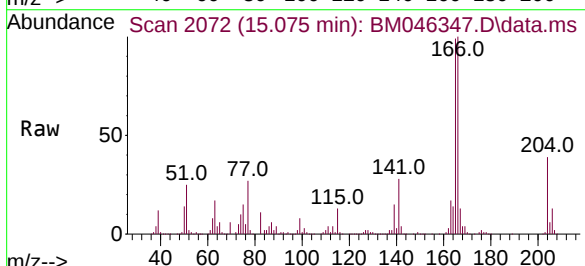
Manual Integrations

APPROVED

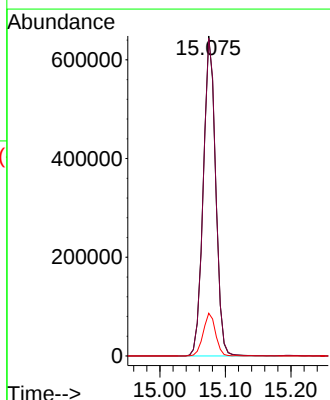
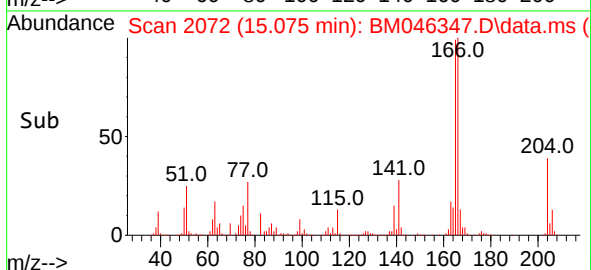
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

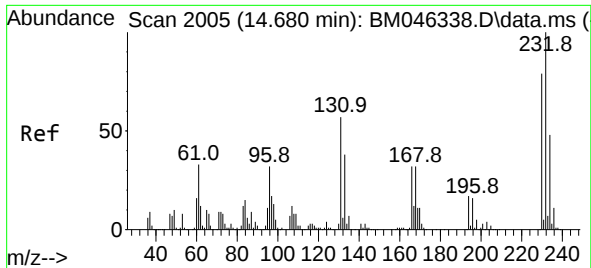


#58
Fluorene
Concen: 48.109 ng
RT: 15.075 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:166 Resp: 850034
Ion Ratio Lower Upper
166 100
165 99.3 79.4 119.0
167 13.4 10.7 16.1





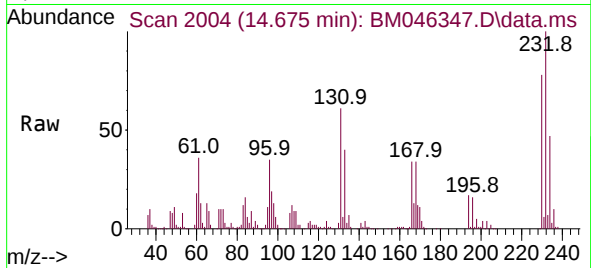
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.940 ng
RT: 14.675 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



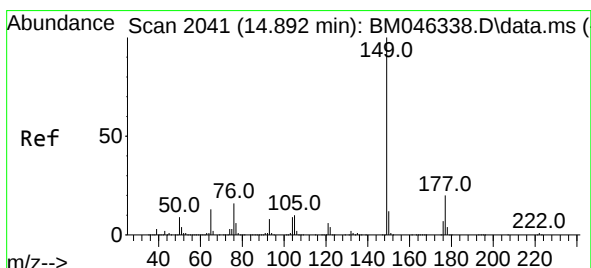
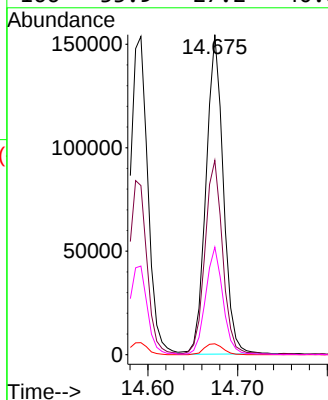
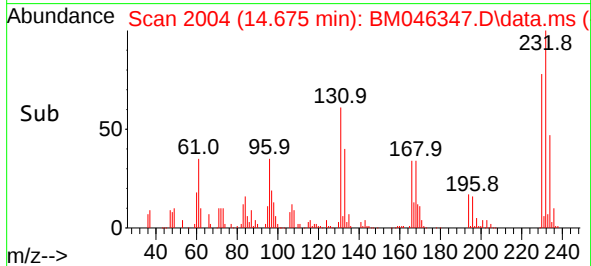
Tgt Ion:232 Resp: 20691
Ion Ratio Lower Upper
232 100
131 61.7 48.3 72.5
130 3.8 2.7 4.1
166 33.9 27.2 40.8

Manual Integrations

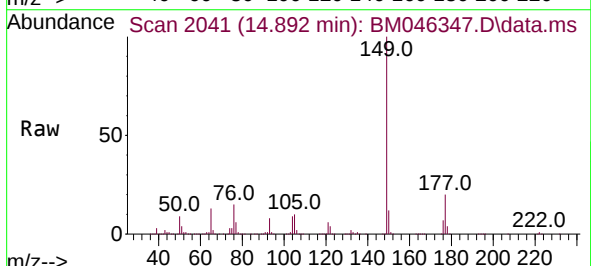
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

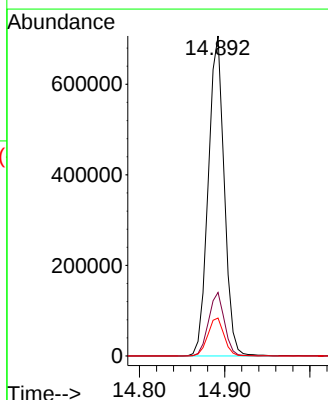
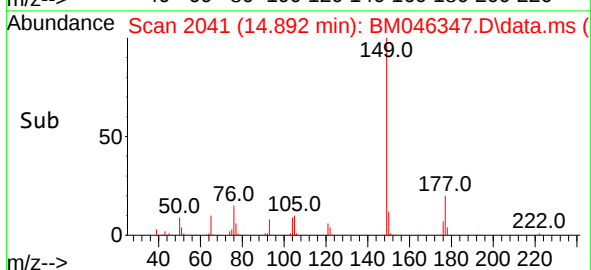
Supervised By :mohammad ahmed 06/29/2024

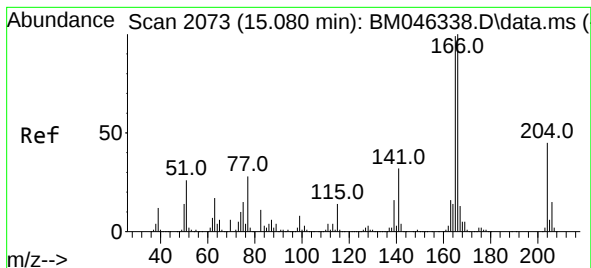


#60
Diethylphthalate
Concen: 49.426 ng
RT: 14.892 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:149 Resp: 920098
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.8
150 11.9 9.9 14.9





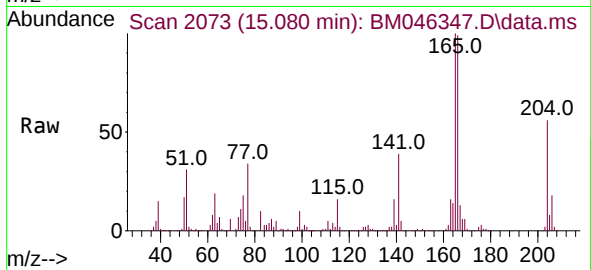
#61
4-Chlorophenyl-phenylether
Concen: 47.878 ng
RT: 15.080 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

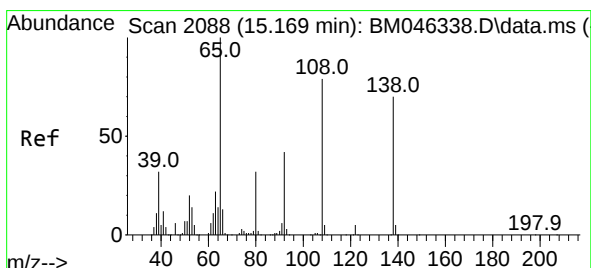
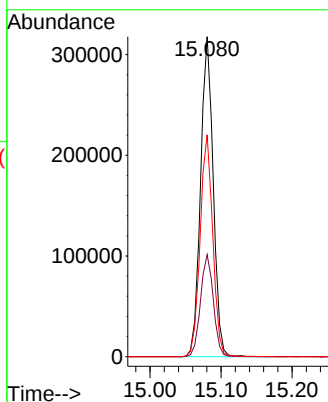
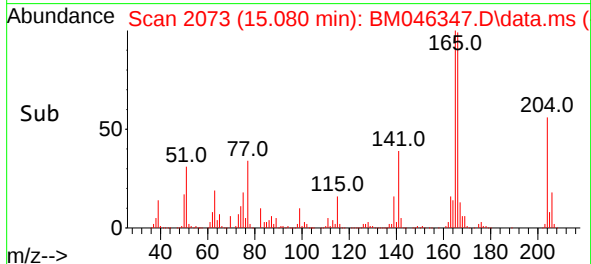


Tgt Ion:204 Resp: 39377
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.8
141 69.4 57.4 86.2

Manual Integrations

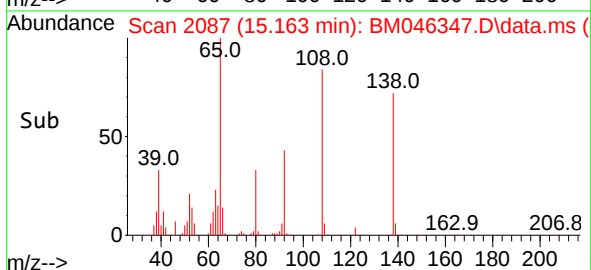
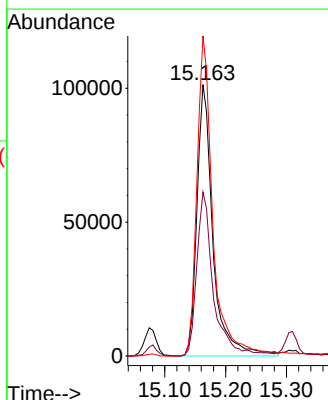
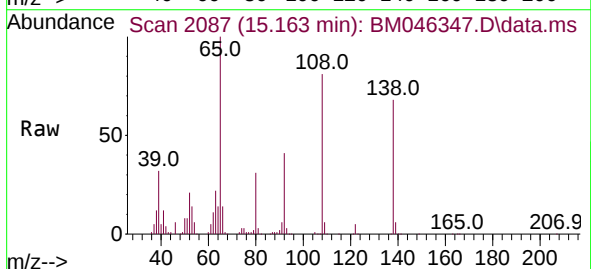
APPROVED

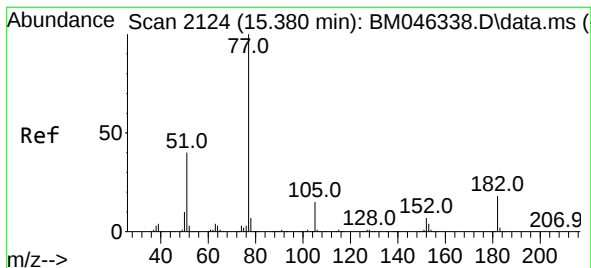
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#62
4-Nitroaniline
Concen: 49.477 ng
RT: 15.163 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:138 Resp: 184873
Ion Ratio Lower Upper
138 100
92 60.4 39.5 79.5
108 117.9 91.6 131.6





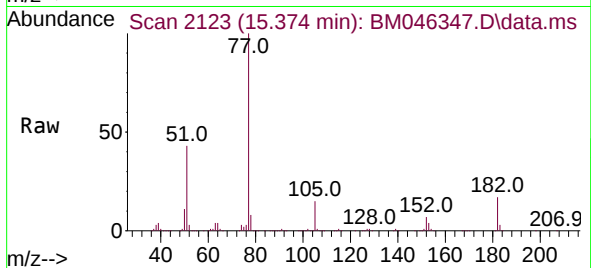
#63
Azobenzene
Concen: 50.956 ng
RT: 15.374 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



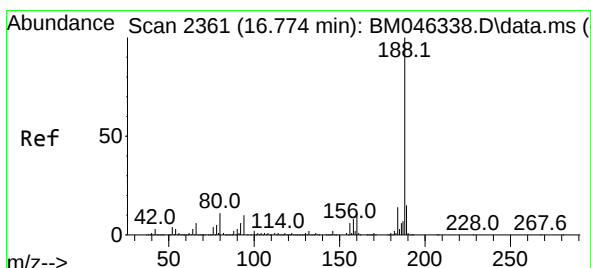
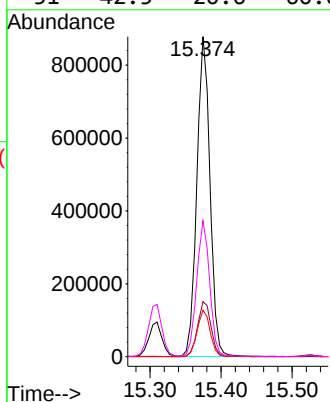
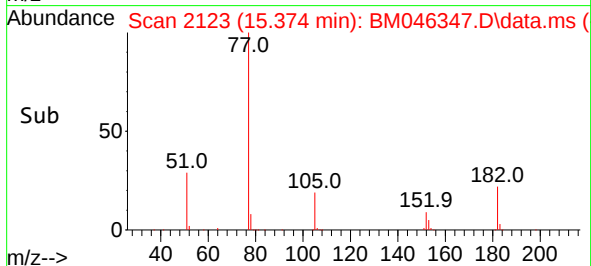
Tgt Ion: 77 Resp: 113038
Ion Ratio Lower Upper
77 100
182 17.2 0.0 37.9
105 14.6 0.0 35.1
51 42.5 20.6 60.6

Manual Integrations

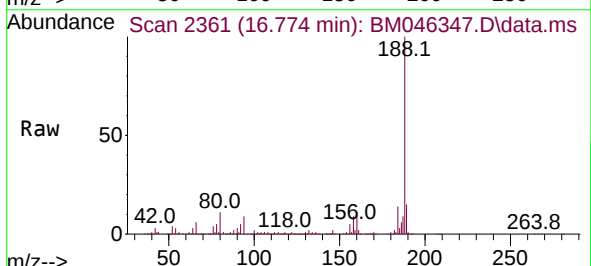
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

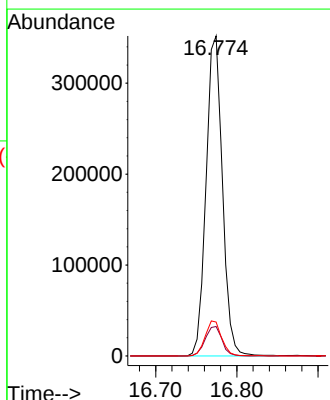
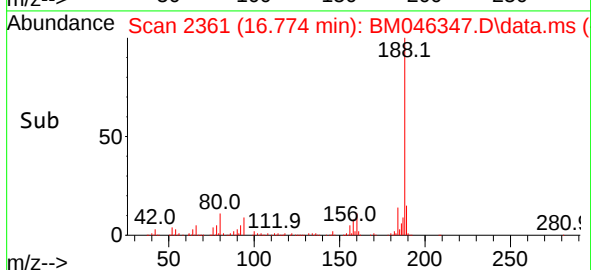
Supervised By :mohammad ahmed 06/29/2024

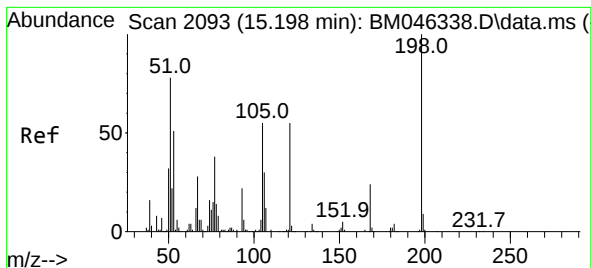


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:188 Resp: 490497
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.6 9.0 13.6





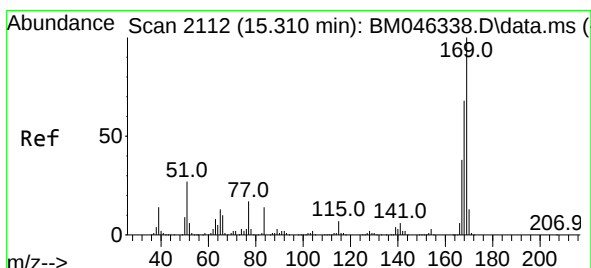
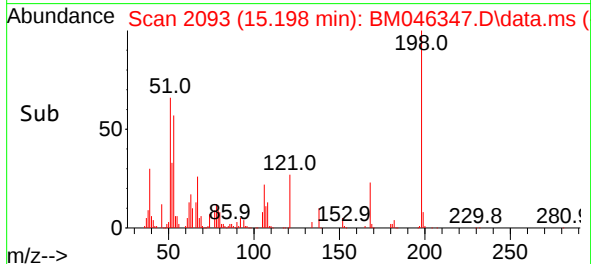
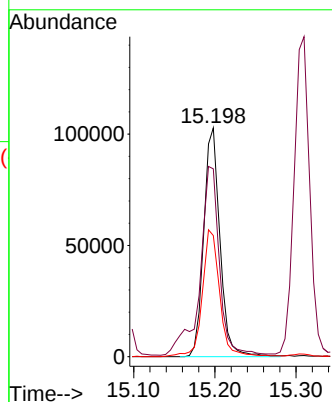
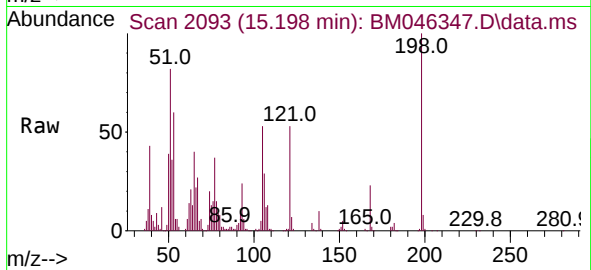
#65
4,6-Dinitro-2-methylphenol
Concen: 45.906 ng
RT: 15.198 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB161765BS

Tgt Ion:198 Resp: 14273
Ion Ratio Lower Upper
198 100
51 82.1 65.1 105.1
105 53.0 36.0 76.0

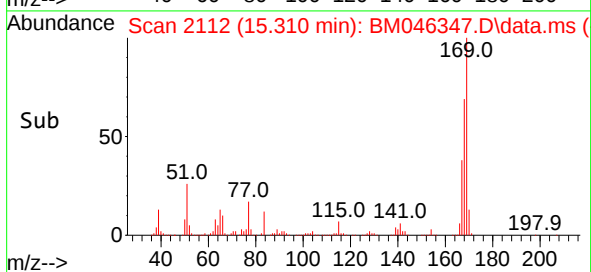
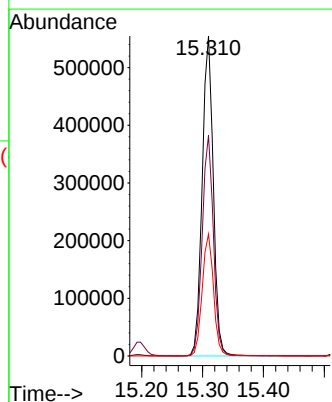
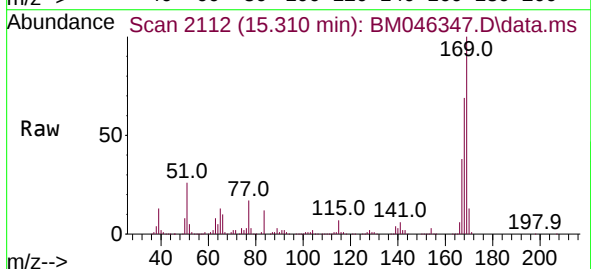
Manual Integrations
APPROVED

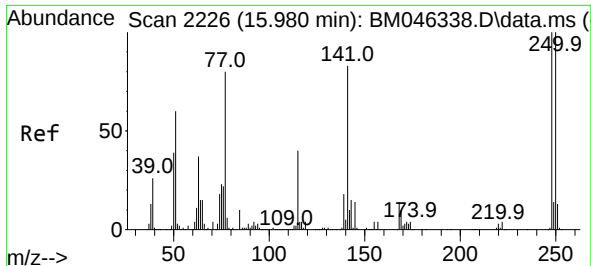
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#66
n-Nitrosodiphenylamine
Concen: 49.152 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

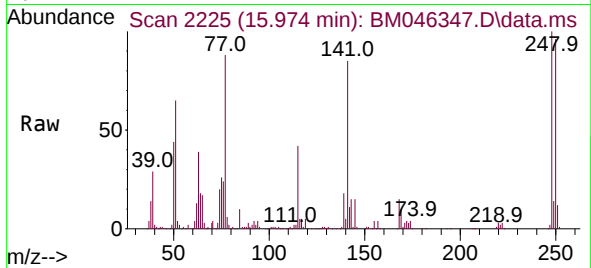
Tgt Ion:169 Resp: 700261
Ion Ratio Lower Upper
169 100
168 68.9 54.2 81.4
167 38.1 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 47.413 ng
RT: 15.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

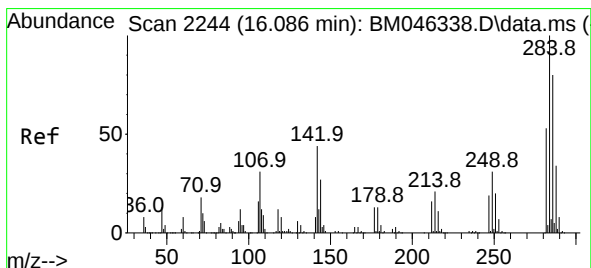
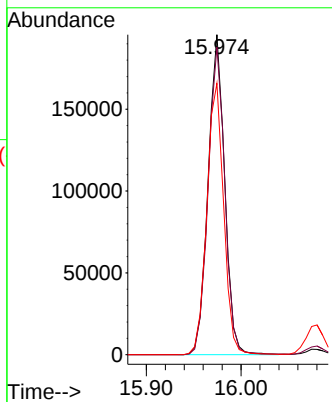
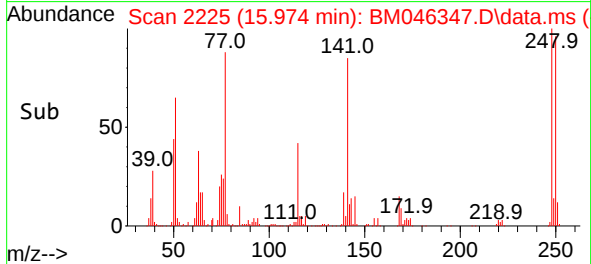
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion:248 Resp: 237462
Ion Ratio Lower Upper
248 100
250 96.1 79.8 119.6
141 84.8 66.2 99.2

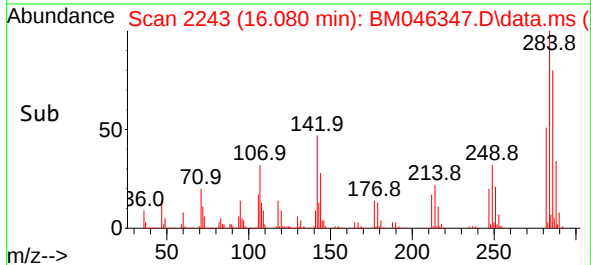
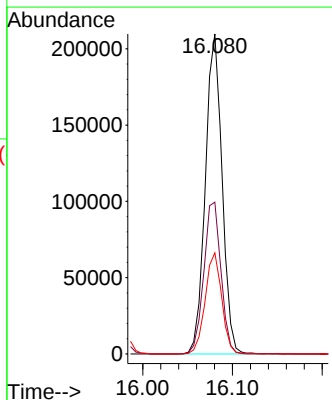
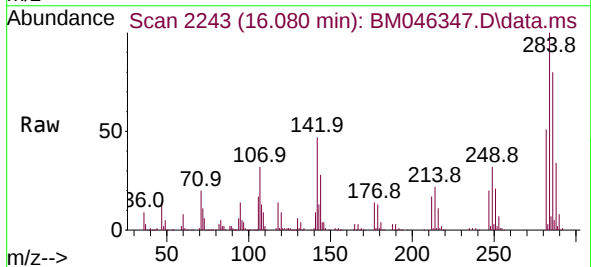
Manual Integrations
APPROVED

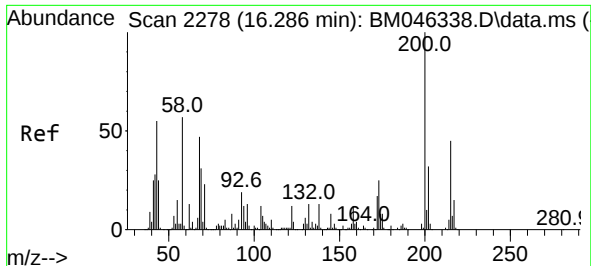
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#68
Hexachlorobenzene
Concen: 45.904 ng
RT: 16.080 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

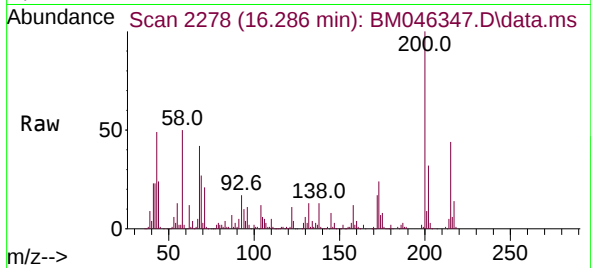
Tgt Ion:284 Resp: 271432
Ion Ratio Lower Upper
284 100
142 47.5 34.8 52.2
249 31.6 24.5 36.7





#69
 Atrazine
 Concen: 56.721 ng
 RT: 16.286 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

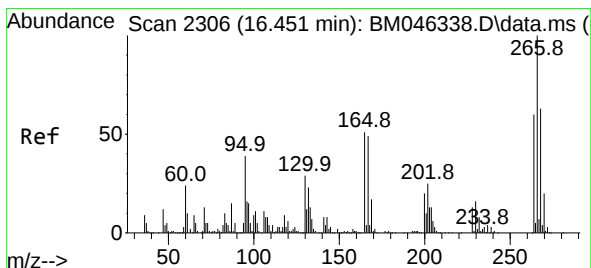
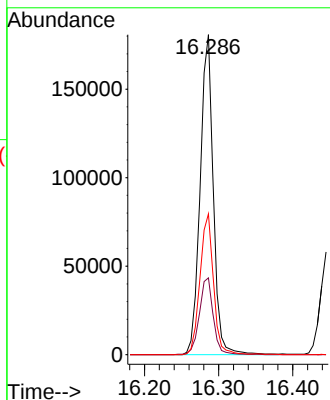
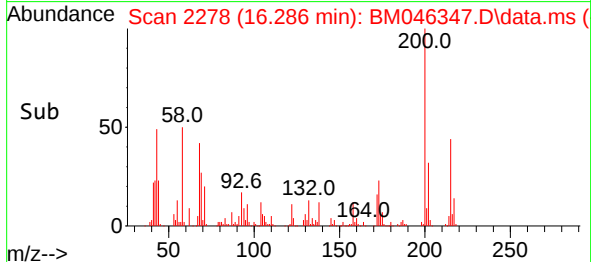
Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS



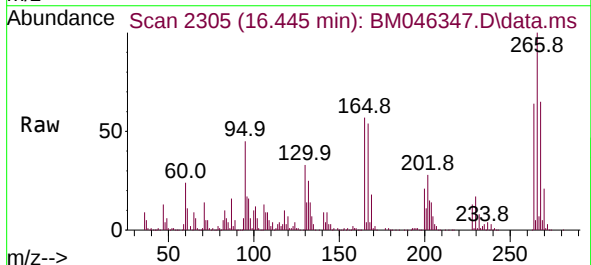
Tgt Ion:200 Resp: 223374
 Ion Ratio Lower Upper
 200 100
 173 24.0 4.9 44.9
 215 44.0 25.0 65.0

Manual Integrations
 APPROVED

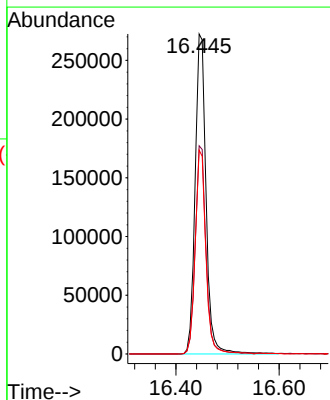
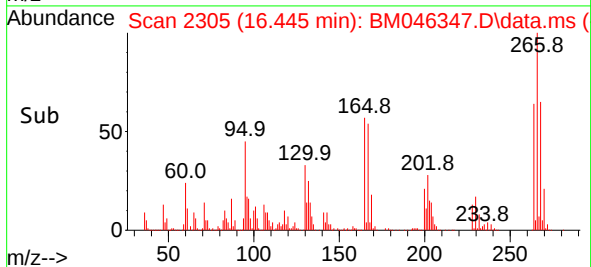
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

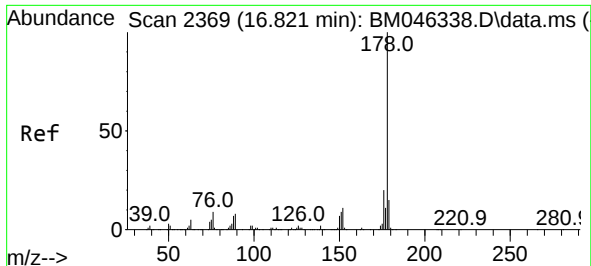


#70
 Pentachlorophenol
 Concen: 107.409 ng
 RT: 16.445 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57



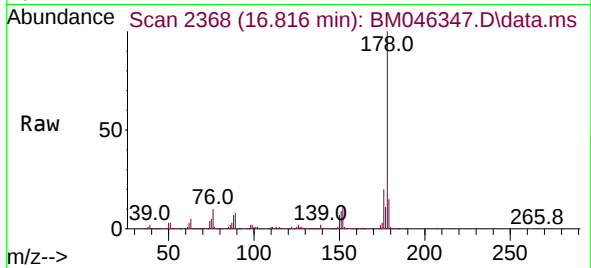
Tgt Ion:266 Resp: 399478
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.3 75.5
 264 63.7 48.4 72.6





#71
Phenanthrene
Concen: 49.755 ng
RT: 16.816 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

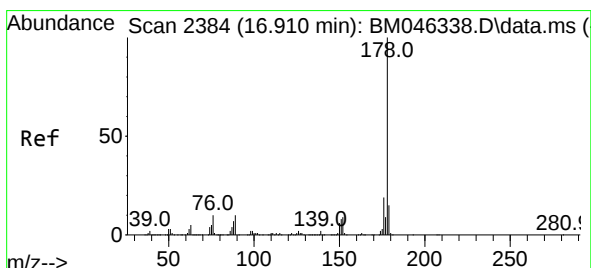
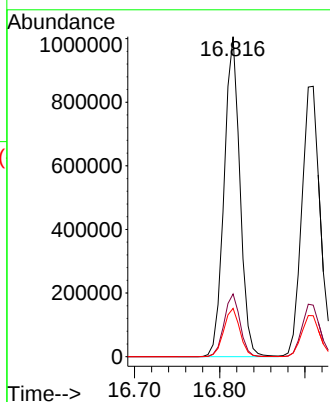
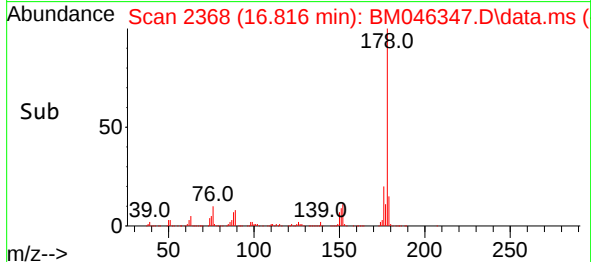
Instrument :
BNA_M
ClientSampleId :
PB161765BS



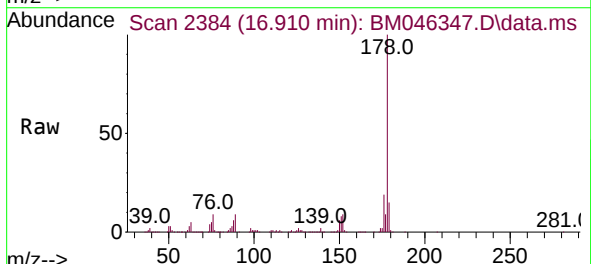
Tgt Ion:178 Resp: 1298658
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.1 12.2 18.4

Manual Integrations
APPROVED

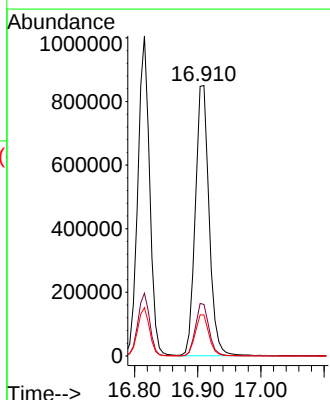
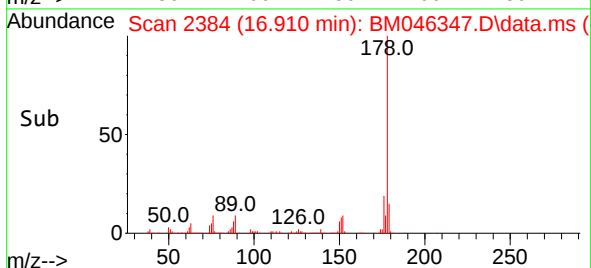
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

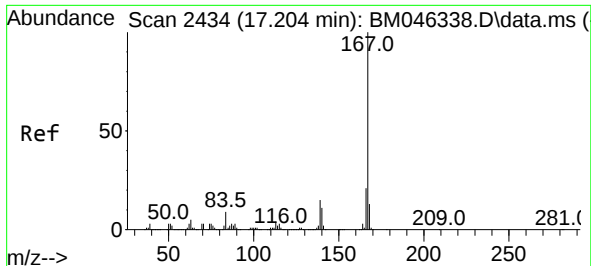


#72
Anthracene
Concen: 50.680 ng
RT: 16.910 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:178 Resp: 1286698
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.2 12.0 18.0





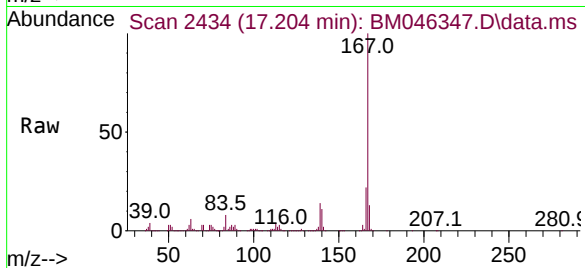
#73
 Carbazole
 Concen: 49.842 ng
 RT: 17.204 min Scan# 2434
 Delta R.T. 0.000 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



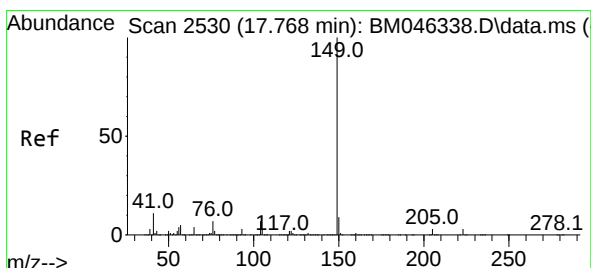
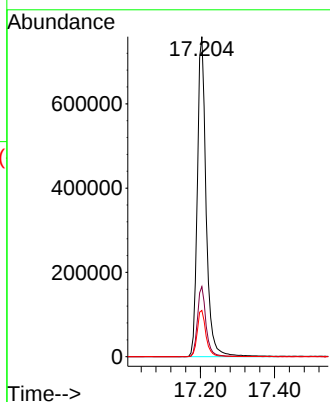
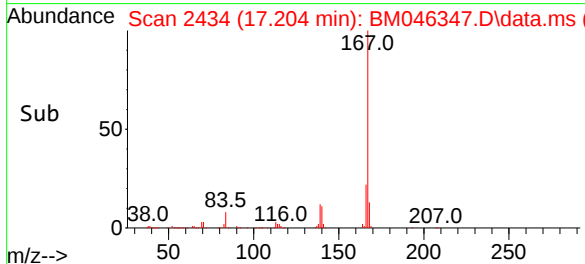
Tgt Ion:167 Resp: 1245997
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 14.5 11.8 17.6

Manual Integrations

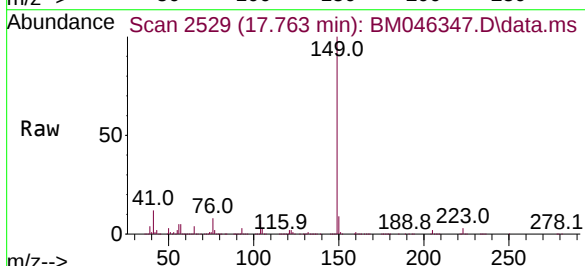
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

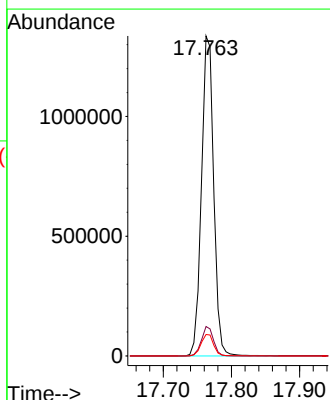
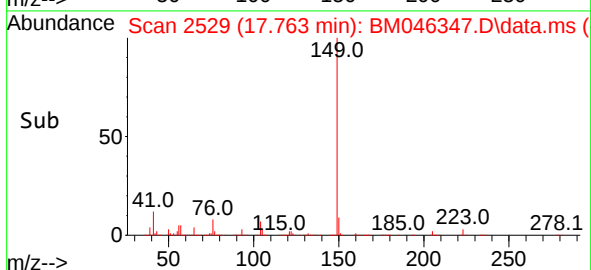
Supervised By :mohammad ahmed 06/29/2024

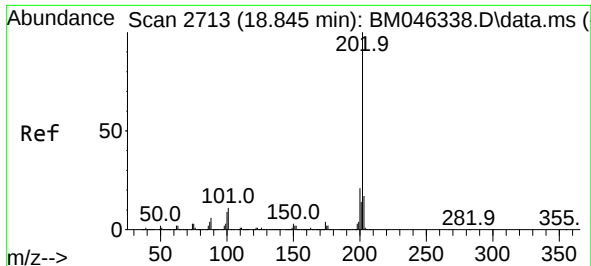


#74
 Di-n-butylphthalate
 Concen: 49.529 ng
 RT: 17.763 min Scan# 2529
 Delta R.T. -0.006 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57



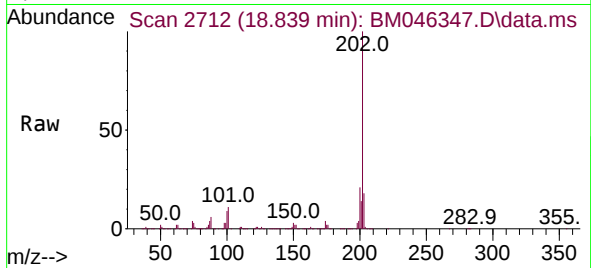
Tgt Ion:149 Resp: 1663559
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 6.7 5.4 8.2





#75
Fluoranthene
Concen: 48.632 ng
RT: 18.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

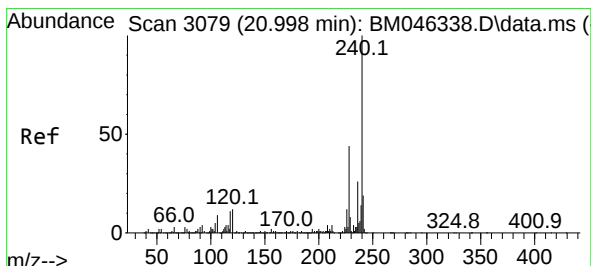
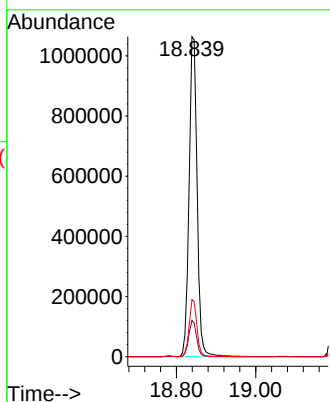
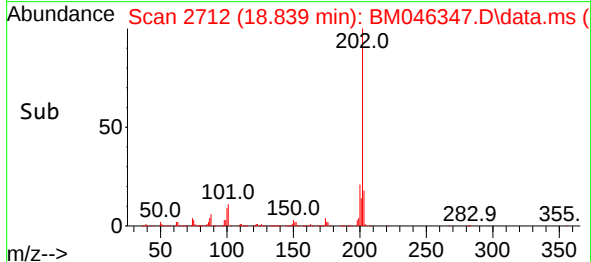
Instrument :
BNA_M
ClientSampleId :
PB161765BS



Tgt Ion:202 Resp: 149996
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.9 0.0 37.2

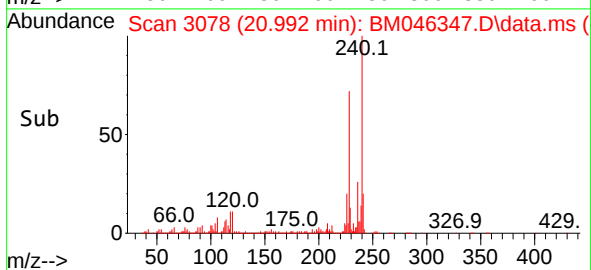
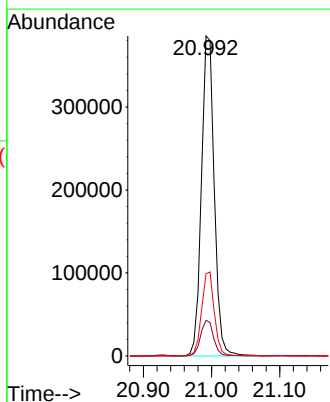
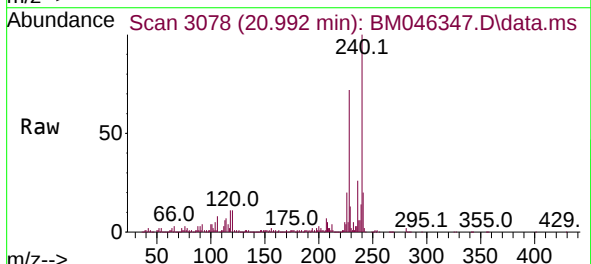
Manual Integrations
APPROVED

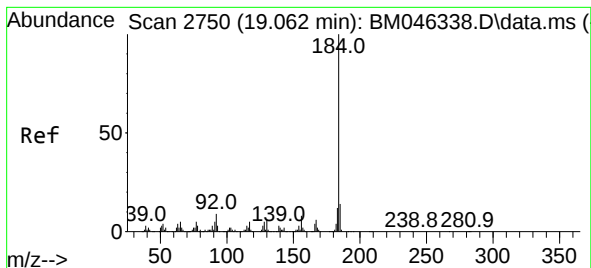
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.992 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:240 Resp: 504829
Ion Ratio Lower Upper
240 100
120 11.2 9.3 13.9
236 25.7 20.5 30.7





#77

Benzidine

Concen: 45.962 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

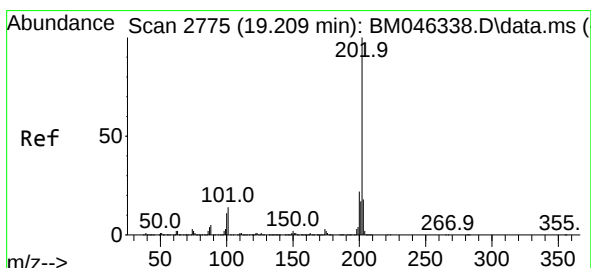
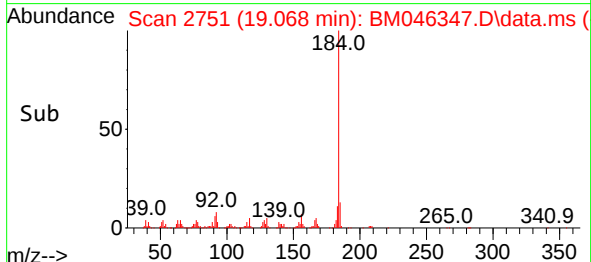
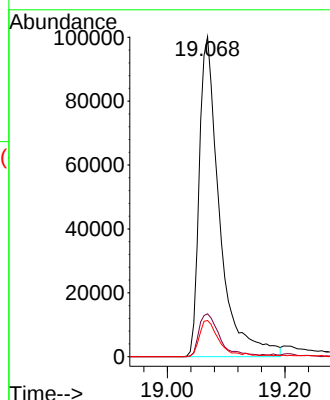
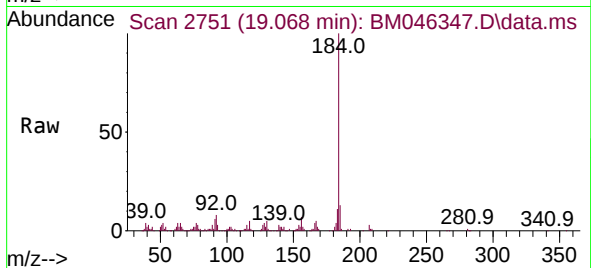
Tgt Ion:	184	Resp:	24074
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.1	16.7
183	11.3	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#78

Pyrene

Concen: 45.294 ng

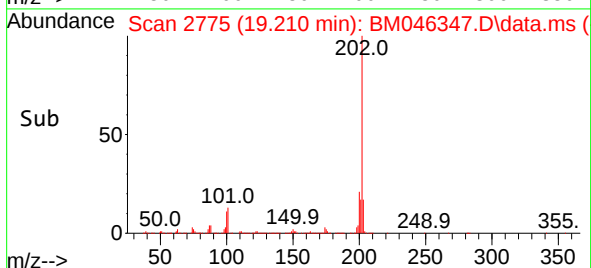
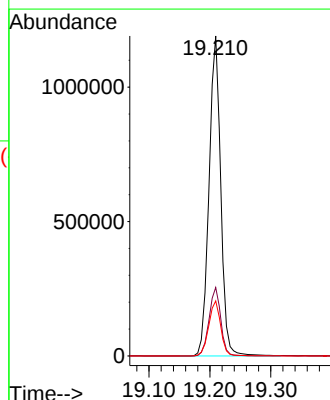
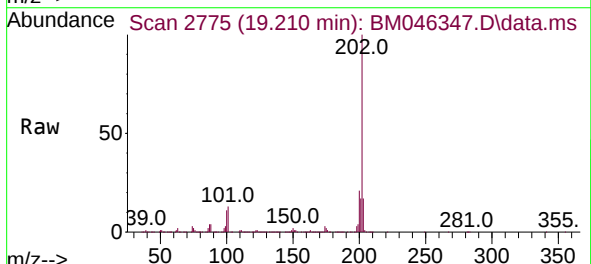
RT: 19.210 min Scan# 2775

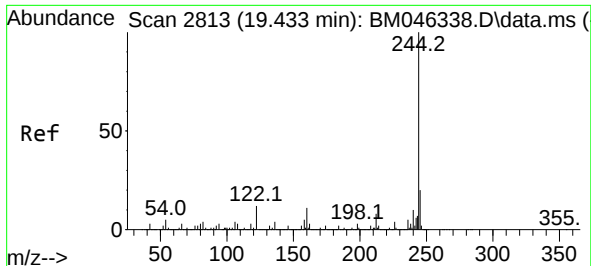
Delta R.T. 0.001 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Tgt Ion:	202	Resp:	1588276
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.3	25.9
203	17.2	14.3	21.5





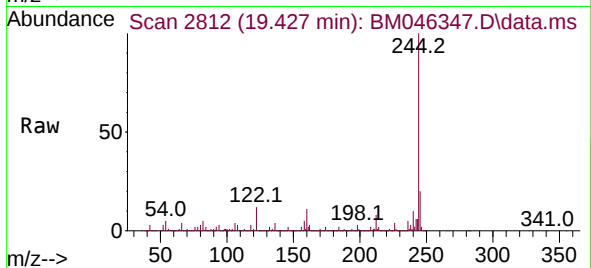
#79
Terphenyl-d14
Concen: 87.424 ng
RT: 19.427 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



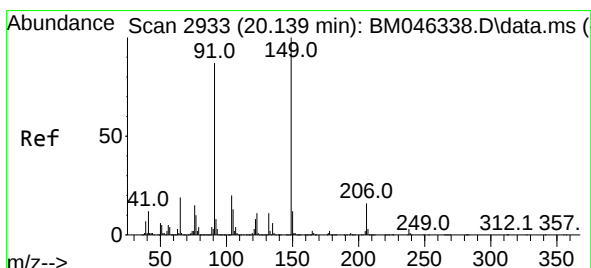
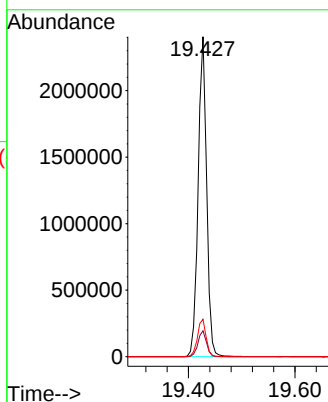
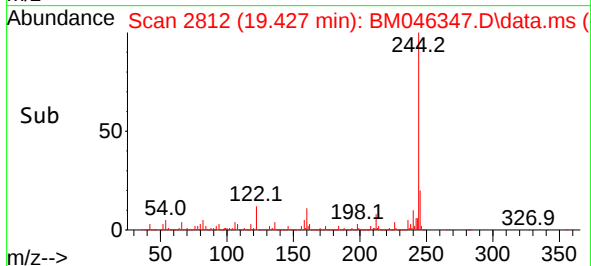
Tgt Ion:244 Resp: 2667524
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.7 9.4 14.0

Manual Integrations

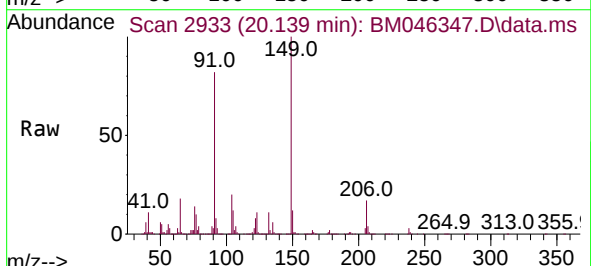
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

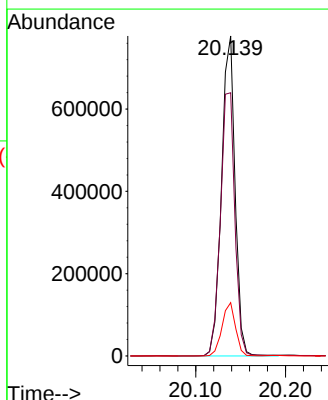
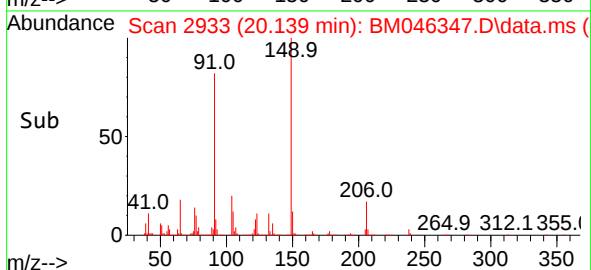
Supervised By :mohammad ahmed 06/29/2024

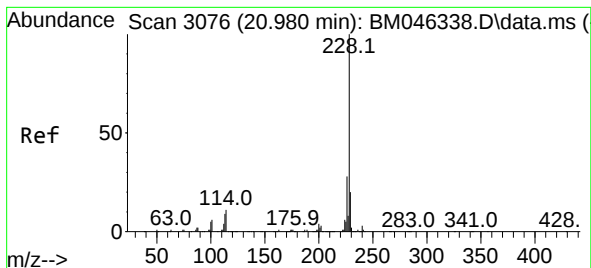


#80
Butylbenzylphthalate
Concen: 49.456 ng
RT: 20.139 min Scan# 2933
Delta R.T. -0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:149 Resp: 815973
Ion Ratio Lower Upper
149 100
91 82.2 69.5 104.3
206 16.7 13.0 19.6





#81

Benzo(a)anthracene

Concen: 49.910 ng

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion:228 Resp: 1652834

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

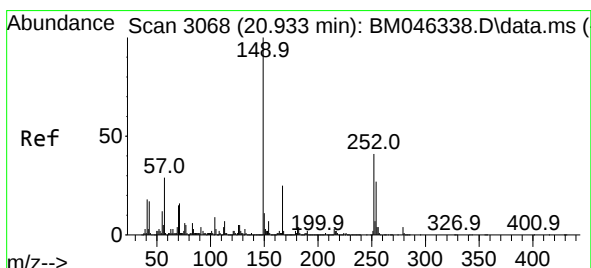
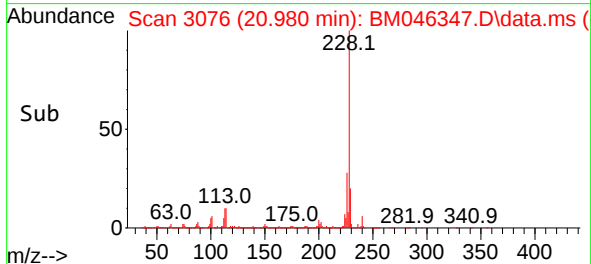
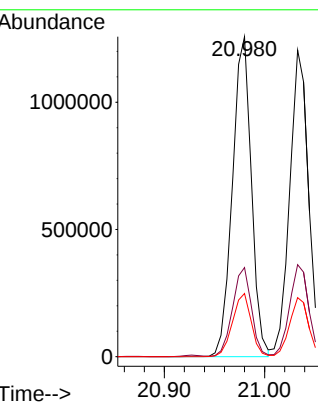
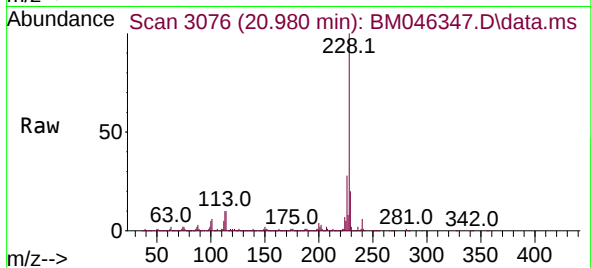
229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.553 ng

RT: 20.927 min Scan# 3067

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

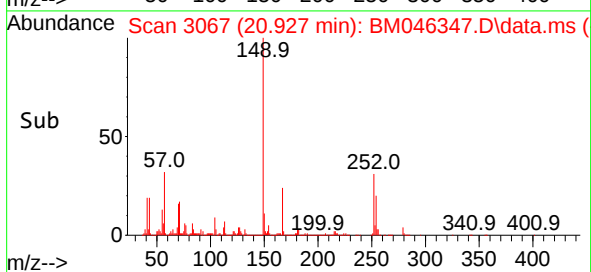
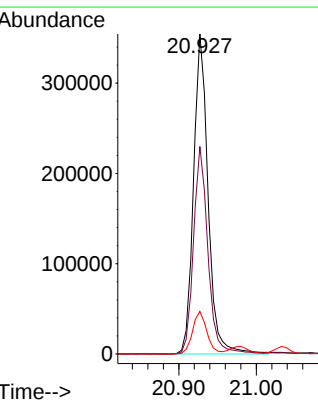
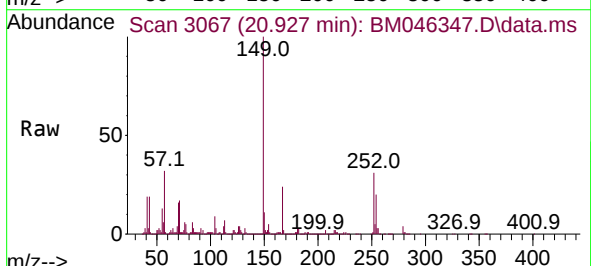
Tgt Ion:252 Resp: 462632

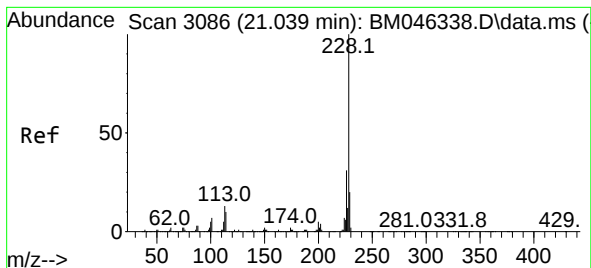
Ion Ratio Lower Upper

252 100

254 64.8 52.6 79.0

126 13.3 10.2 15.4





#83

Chrysene

Concen: 50.015 ng

RT: 21.033 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion:228 Resp: 1584060

Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

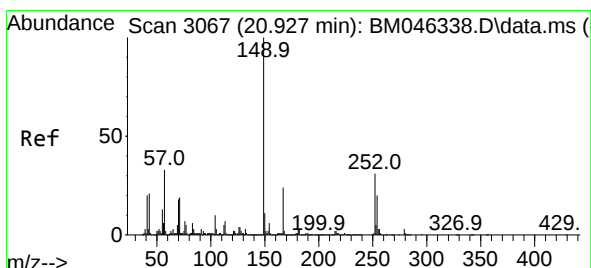
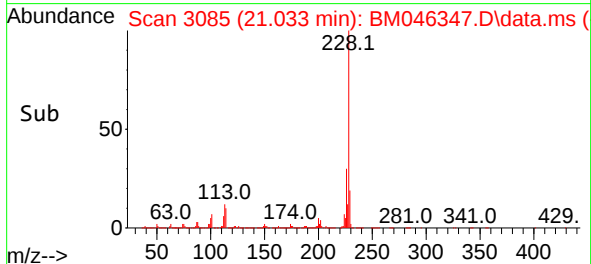
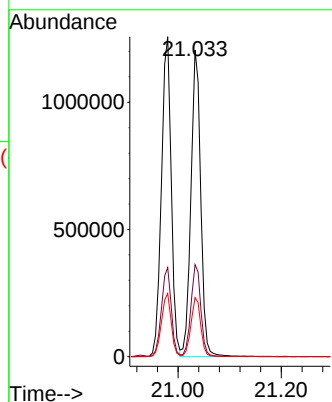
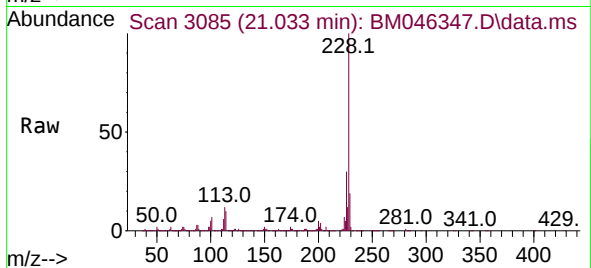
229 19.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.272 ng

RT: 20.927 min Scan# 3067

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

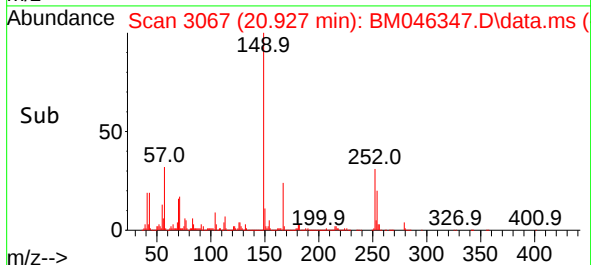
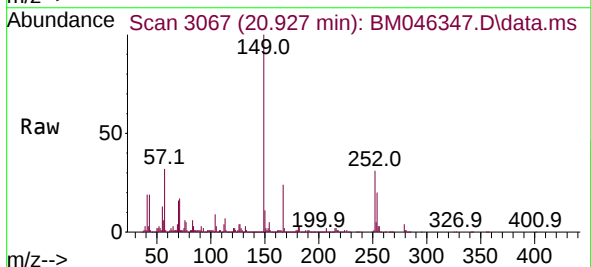
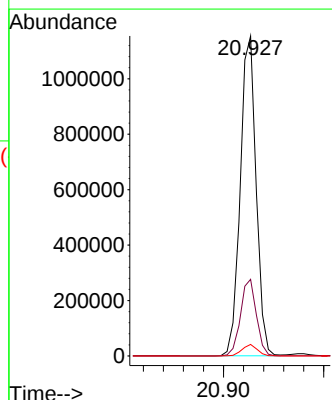
Tgt Ion:149 Resp: 1271877

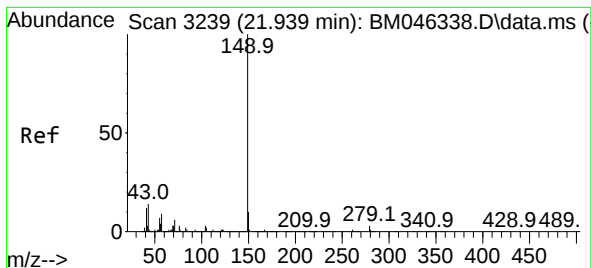
Ion Ratio Lower Upper

149 100

167 23.9 19.6 29.4

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 51.672 ng

RT: 21.933 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion:149 Resp: 215526

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

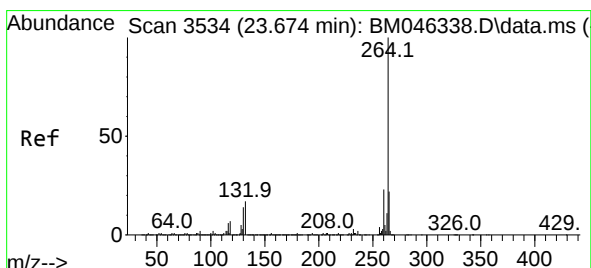
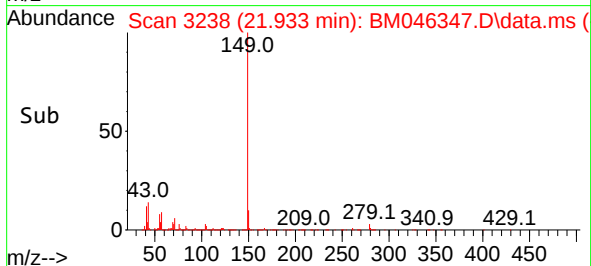
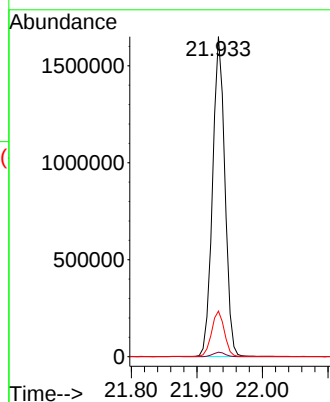
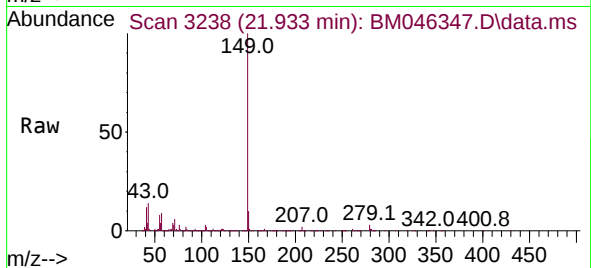
43 14.6 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.668 min Scan# 3533

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

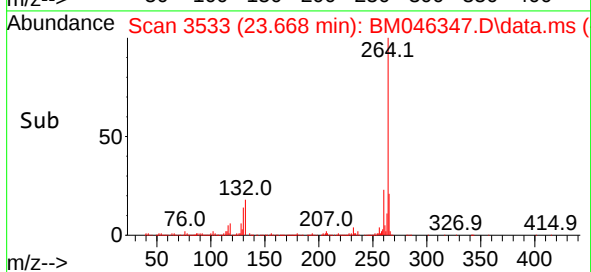
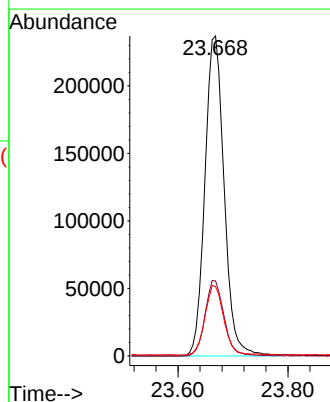
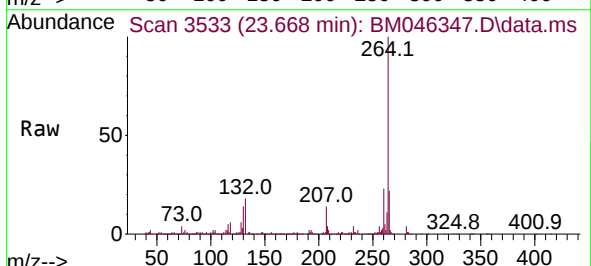
Tgt Ion:264 Resp: 576222

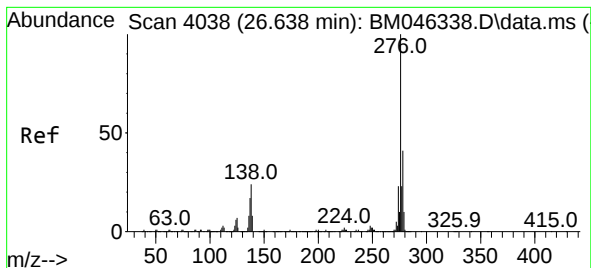
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.657 ng

RT: 26.621 min Scan# 4038

Delta R.T. -0.018 min

Lab File: BM046347.D

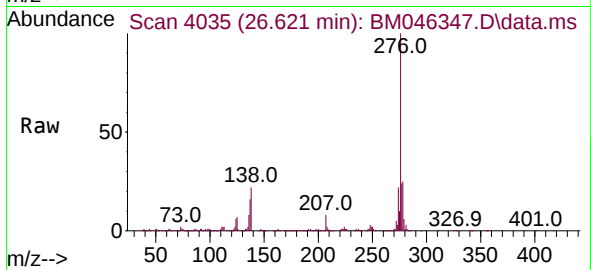
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



Tgt Ion:276 Resp: 2093894

Ion Ratio Lower Upper

276 100

138 26.7 21.4 32.2

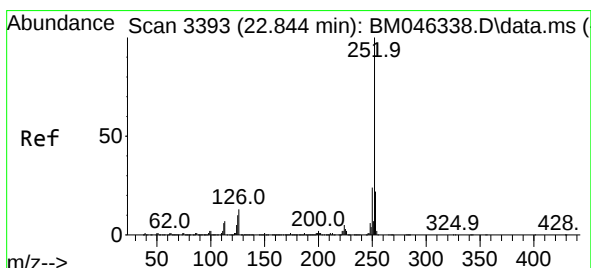
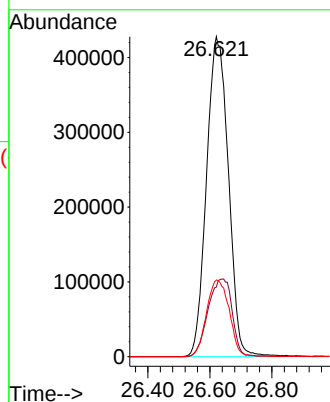
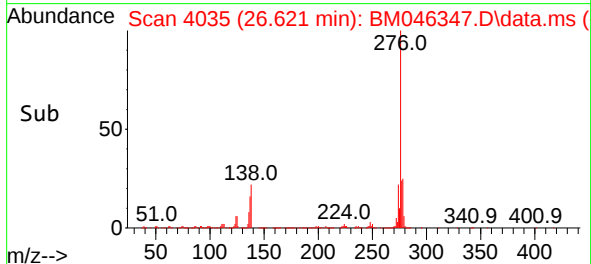
277 25.0 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#88

Benzo(b)fluoranthene

Concen: 52.961 ng

RT: 22.833 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

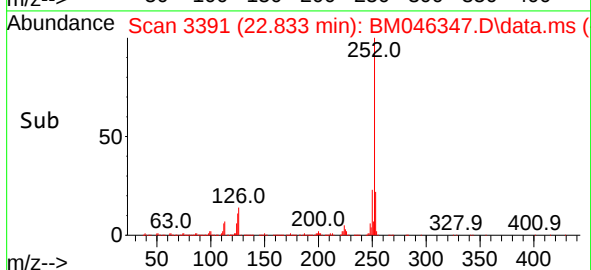
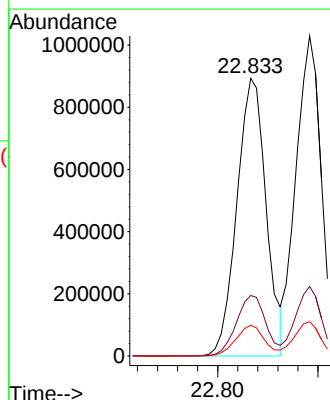
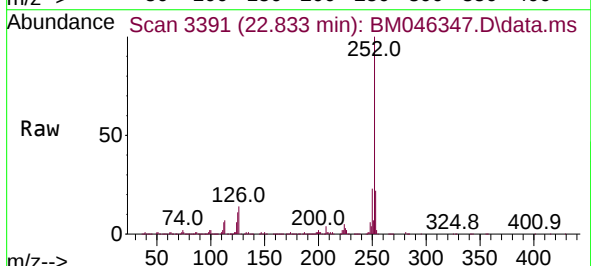
Tgt Ion:252 Resp: 1807539

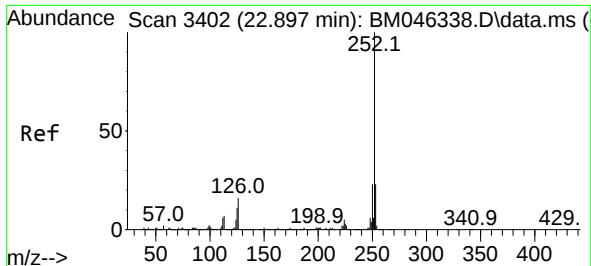
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

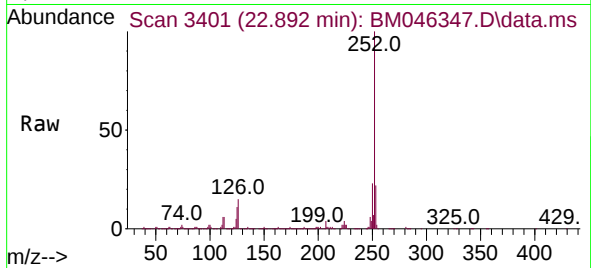
125 11.0 8.4 12.6





#89
Benzo(k)fluoranthene
Concen: 53.595 ng
RT: 22.892 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

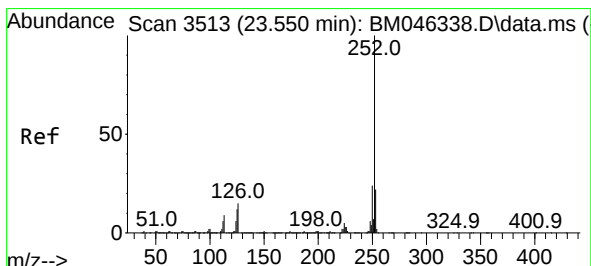
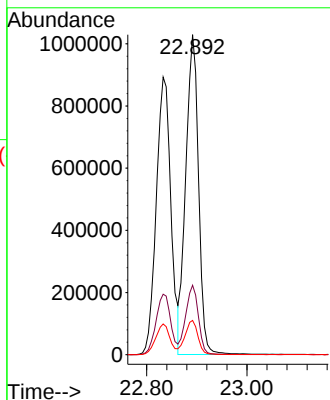
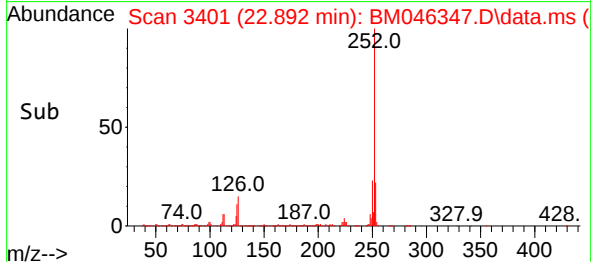
Instrument :
BNA_M
ClientSampleId :
PB161765BS



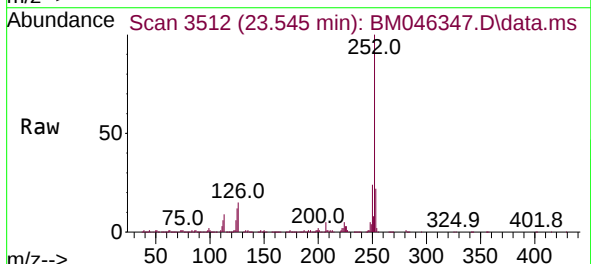
Tgt Ion:252 Resp: 181959
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.7 8.9 13.3

Manual Integrations
APPROVED

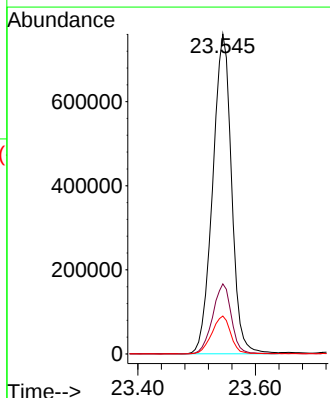
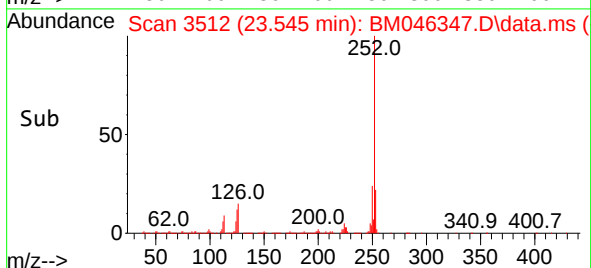
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

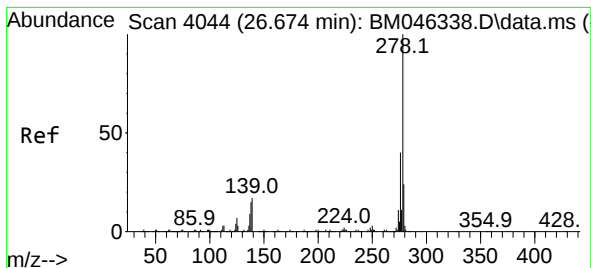


#90
Benzo(a)pyrene
Concen: 56.522 ng
RT: 23.545 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57



Tgt Ion:252 Resp: 1694368
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.9 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 57.106 ng

RT: 26.662 min Scan# 4044

Delta R.T. -0.012 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion:278 Resp: 176222

Ion Ratio Lower Upper

278 100

139 16.4 13.7 20.5

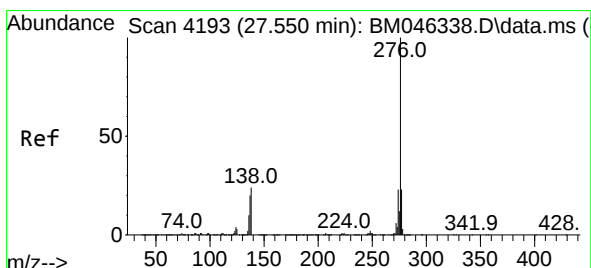
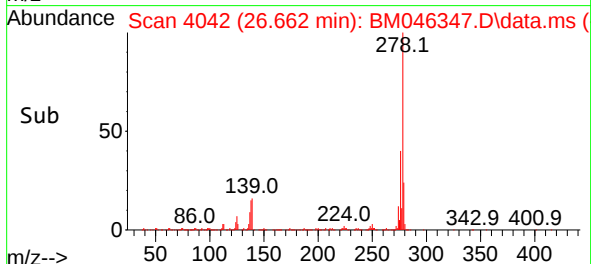
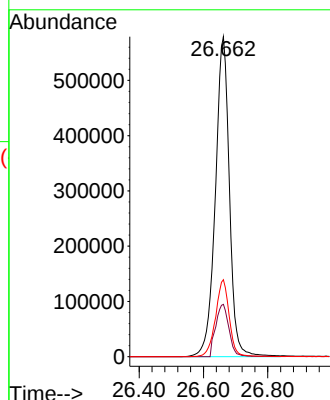
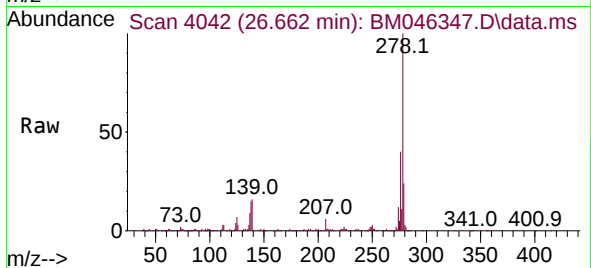
279 24.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#92

Benzo(g,h,i)perylene

Concen: 52.407 ng

RT: 27.538 min Scan# 4191

Delta R.T. -0.012 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Tgt Ion:276 Resp: 1601833

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 22.7 19.0 28.4

