

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046348.D
 Acq On : 28 Jun 2024 11:57
 Operator : MA/JU
 Sample : PB161624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB161624BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 12:38:53 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	71858	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	335507	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	228125	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	489411	20.000	ng	0.00
76) Chrysene-d12	20.997	240	527959	20.000	ng	0.00
86) Perylene-d12	23.668	264	604651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	714517	159.833	ng	0.00
7) Phenol-d6	6.628	99	979350	154.213	ng	0.00
23) Nitrobenzene-d5	8.534	82	672026	83.037	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	408644	147.297	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1390690	82.626	ng	0.00
79) Terphenyl-d14	19.427	244	2596536	81.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	61386	35.615	ng	94
3) Pyridine	3.416	79	162995	33.842	ng	97
4) n-Nitrosodimethylamine	3.334	42	169664	45.481	ng	96
6) Aniline	6.745	93	184746	32.033	ng	99
8) 2-Chlorophenol	6.963	128	257881	51.777	ng	99
10) Phenol	6.657	94	340973	54.256	ng	100
11) bis(2-Chloroethyl)ether	6.834	93	231141	45.292	ng	98
12) 1,3-Dichlorobenzene	7.257	146	239554	43.383	ng	98
13) 1,4-Dichlorobenzene	7.404	146	243886	42.923	ng	99
14) 1,2-Dichlorobenzene	7.716	146	240403	42.913	ng	98
15) Benzyl Alcohol	7.651	79	261948	50.175	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.898	45	411148	47.339	ng	97
17) 2-Methylphenol	7.869	107	226616	51.711	ng	98
18) Hexachloroethane	8.422	117	107783	42.109	ng	98
19) n-Nitroso-di-n-propyla...	8.198	70	229256	47.551	ng	98
20) 3+4-Methylphenols	8.204	107	326337	51.347	ng	98
22) Acetophenone	8.204	105	412503	44.017	ng	# 96
24) Nitrobenzene	8.575	77	342511	43.082	ng	97
25) Isophorone	9.104	82	615737	44.866	ng	100
26) 2-Nitrophenol	9.275	139	136128	47.841	ng	97
27) 2,4-Dimethylphenol	9.375	122	198037	55.513	ng	99
28) bis(2-Chloroethoxy)met...	9.581	93	341256	45.007	ng	99
29) 2,4-Dichlorophenol	9.822	162	250047	51.902	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	231976	42.524	ng	99
31) Naphthalene	10.175	128	800610	43.543	ng	99
32) Benzoic acid	9.610	122	199383	46.424	ng	95
33) 4-Chloroaniline	10.351	127	171925	26.693	ng	97
34) Hexachlorobutadiene	10.463	225	135743	40.361	ng	98
35) Caprolactam	11.169	113	92124m	52.204	ng	
36) 4-Chloro-3-methylphenol	11.492	107	304011	50.717	ng	97
37) 2-Methylnaphthalene	11.798	142	564000	45.483	ng	98
38) 1-Methylnaphthalene	12.027	142	526202	42.917	ng	99
40) 1,2,4,5-Tetrachloroben...	12.180	216	265425	43.613	ng	98
41) Hexachlorocyclopentadiene	12.157	237	268051	112.395	ng	98
43) 2,4,6-Trichlorophenol	12.451	196	196704	48.662	ng	98
44) 2,4,5-Trichlorophenol	12.545	196	221260	47.503	ng	98

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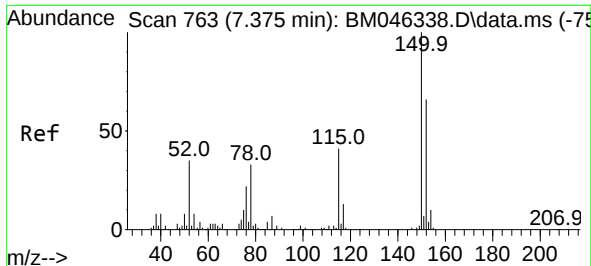
Manual Integrations
 APPROVED

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

Quant Time: Jun 28 12:38:53 2024
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 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)
46) 1,1'-Biphenyl	12.845	154	756726	44.308	ng	99
47) 2-Chloronaphthalene	12.874	162	578319	43.624	ng	99
48) 2-Nitroaniline	13.133	65	263685	50.101	ng	99
49) Acenaphthylene	13.739	152	1019596	49.887	ng	99
50) Dimethylphthalate	13.522	163	789556	47.346	ng	100
51) 2,6-Dinitrotoluene	13.627	165	171681	46.229	ng	97
52) Acenaphthene	14.086	154	561990	44.238	ng	100
53) 3-Nitroaniline	13.980	138	133746	35.645	ng	97
54) 2,4-Dinitrophenol	14.180	184	217125	97.834	ng	95
55) Dibenzofuran	14.427	168	943124	46.331	ng	99
56) 4-Nitrophenol	14.345	139	325829	103.682	ng	94
57) 2,4-Dinitrotoluene	14.433	165	255905	47.616	ng	98
58) Fluorene	15.074	166	799333	45.907	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	195697	49.849	ng	99
60) Diethylphthalate	14.892	149	868433	47.339	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	369453	45.584	ng	98
62) 4-Nitroaniline	15.163	138	177796	48.285	ng	97
63) Azobenzene	15.374	77	1047970	47.938	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	137136	44.347	ng	96
66) n-Nitrosodiphenylamine	15.310	169	654337	46.030	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	220872	44.199	ng	97
68) Hexachlorobenzene	16.080	284	256144	43.414	ng	98
69) Atrazine	16.286	200	214020	54.466	ng	99
70) Pentachlorophenol	16.445	266	379487	102.261	ng	98
71) Phenanthrene	16.815	178	1223909	46.995	ng	99
72) Anthracene	16.910	178	1217303	48.053	ng	100
73) Carbazole	17.204	167	1198810	48.061	ng	99
74) Di-n-butylphthalate	17.768	149	1571813	46.901	ng	100
75) Fluoranthene	18.845	202	1466339	47.648	ng	99
77) Benzidine	19.068	184	246753	45.045	ng	99
78) Pyrene	19.209	202	1539463	41.978	ng	100
80) Butylbenzylphthalate	20.139	149	810190	46.954	ng	99
81) Benzo(a)anthracene	20.980	228	1636781	47.260	ng	99
82) 3,3'-Dichlorobenzidine	20.927	252	472647	42.546	ng	97
83) Chrysene	21.039	228	1570921	47.427	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	1274546	43.482	ng	99
85) Di-n-octyl phthalate	21.939	149	2165093	49.634	ng	100
87) Indeno(1,2,3-cd)pyrene	26.627	276	2064422	53.233	ng	100
88) Benzo(b)fluoranthene	22.839	252	1762076	49.201	ng	100
89) Benzo(k)fluoranthene	22.891	252	1807808	50.744	ng	99
90) Benzo(a)pyrene	23.544	252	1659540	52.757	ng	99
91) Dibenzo(a,h)anthracene	26.668	278	1720035	53.118	ng	99
92) Benzo(g,h,i)perylene	27.538	276	1596722	49.783	ng	99

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



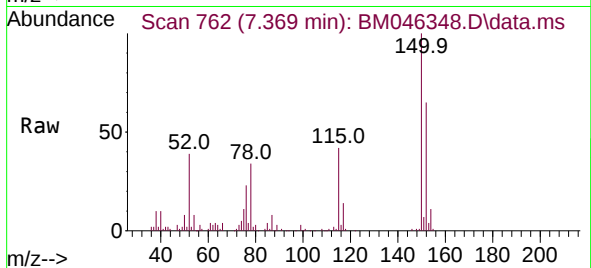
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

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BNA_M

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PB161624BS



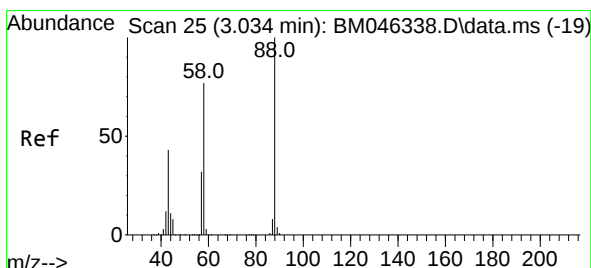
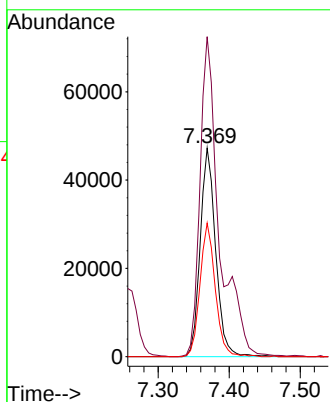
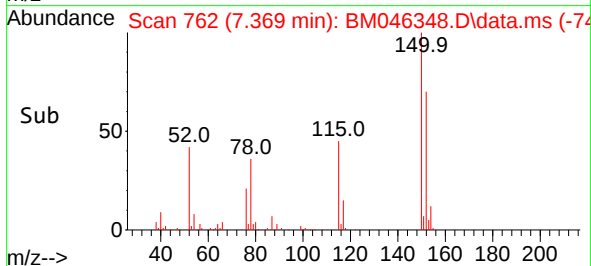
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Ion Ratio Lower Upper
152 100
150 153.3 122.1 183.1
115 64.0 50.2 75.4

Manual Integrations

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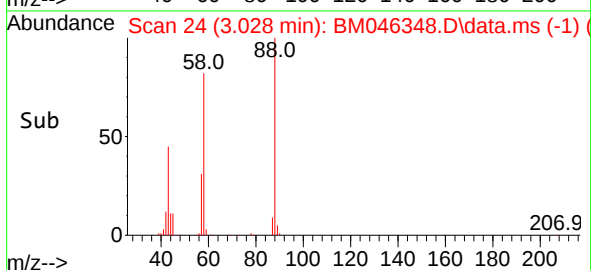
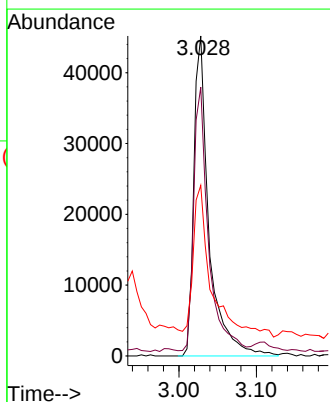
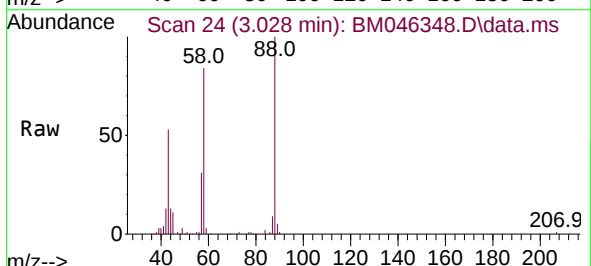
Reviewed By :Yogesh Patel 06/29/2024

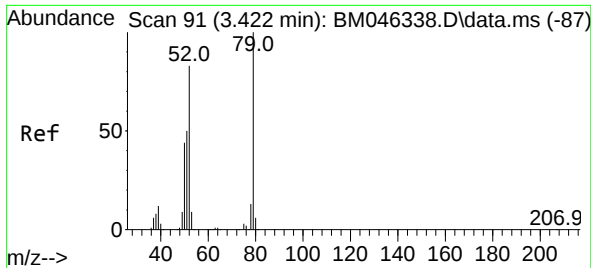
Supervised By :mohammad ahmed 06/29/2024



#2
1,4-Dioxane
Concen: 35.615 ng
RT: 3.028 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

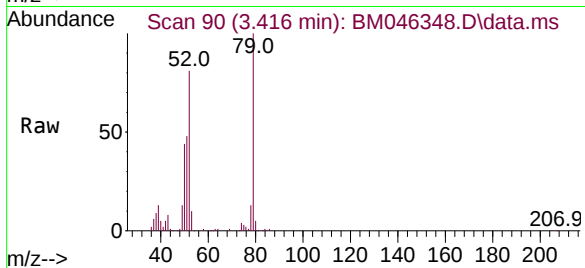
Tgt Ion: 88 Resp: 61386
Ion Ratio Lower Upper
88 100
58 79.5 65.2 97.8
43 56.5 38.4 57.6





#3
 Pyridine
 Concen: 33.842 ng
 RT: 3.416 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

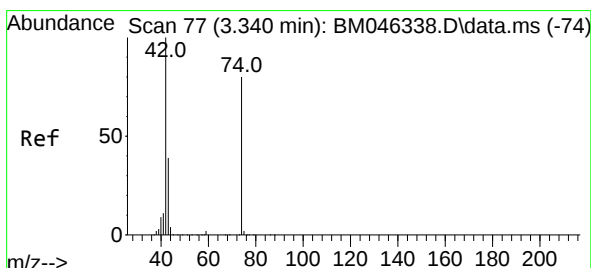
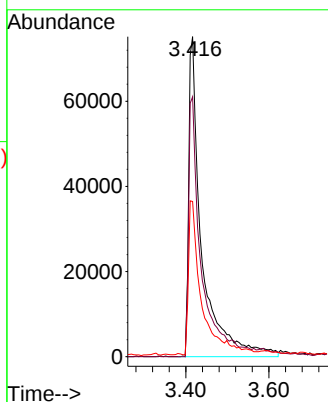
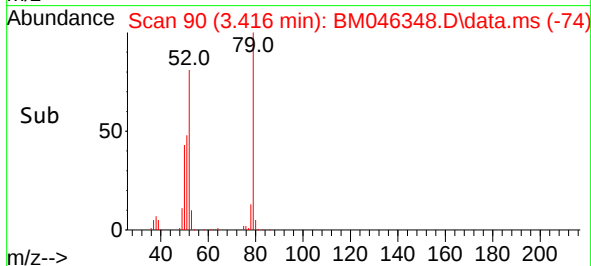
Instrument :
 BNA_M
 ClientSampleId :
 PB161624BS



Tgt Ion: 79 Resp: 162995
 Ion Ratio Lower Upper
 79 100
 52 81.2 66.4 99.6
 51 48.5 40.8 61.2

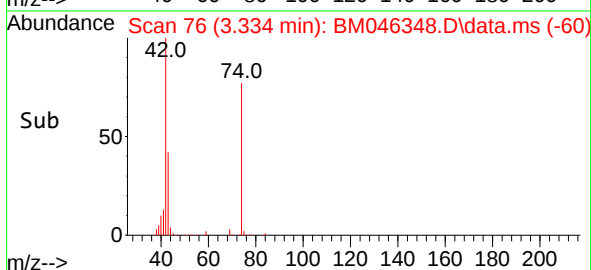
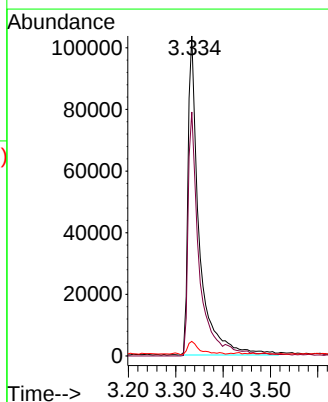
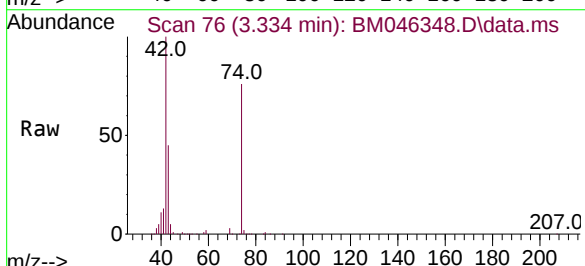
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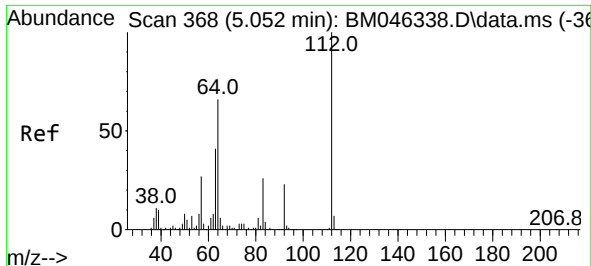
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024



#4
 n-Nitrosodimethylamine
 Concen: 45.481 ng
 RT: 3.334 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

Tgt Ion: 42 Resp: 169664
 Ion Ratio Lower Upper
 42 100
 74 76.2 63.6 95.4
 44 4.6 3.8 5.6





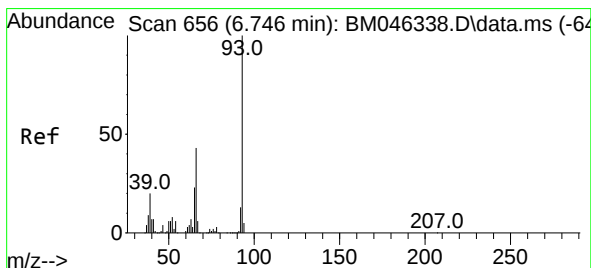
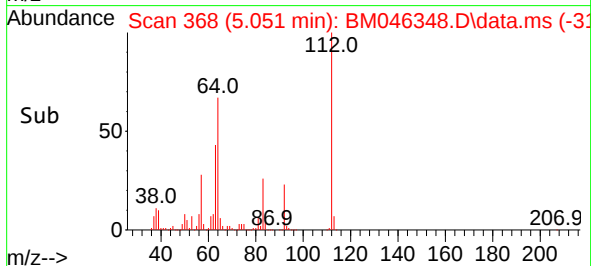
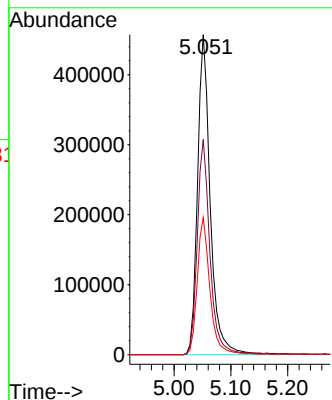
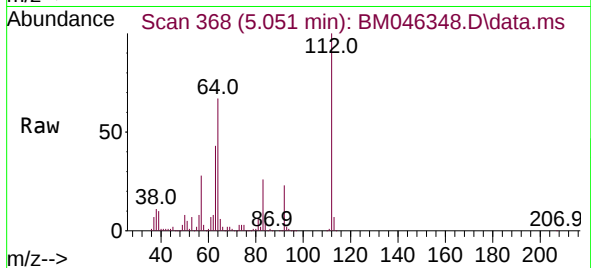
#5
2-Fluorophenol
Concen: 159.833 ng
RT: 5.051 min Scan# 368
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :
BNA_M
ClientSampleId :
PB161624BS

Tgt Ion:112 Resp: 71451
Ion Ratio Lower Upper
112 100
64 67.3 52.8 79.2
63 42.8 32.9 49.3

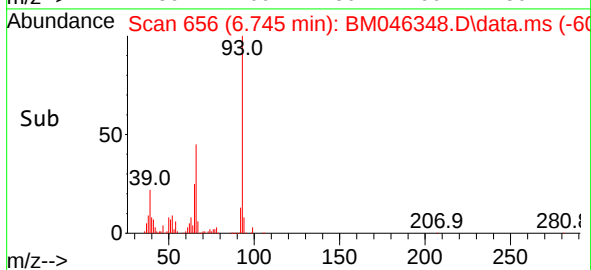
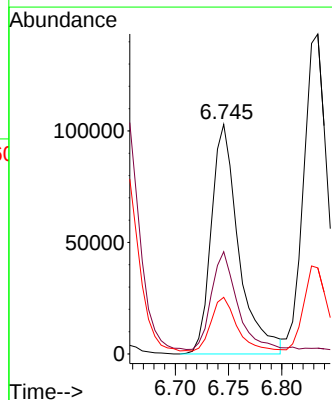
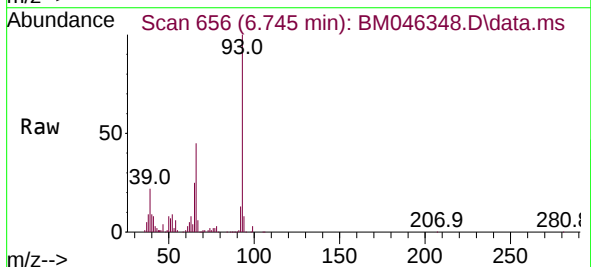
Manual Integrations
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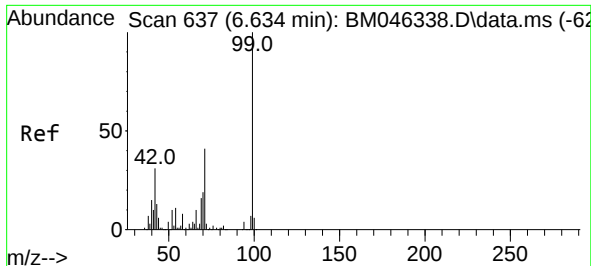
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#6
Aniline
Concen: 32.033 ng
RT: 6.745 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

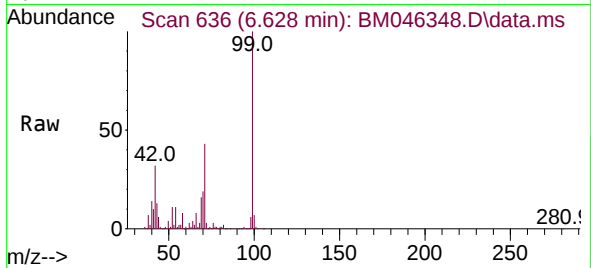
Tgt Ion: 93 Resp: 184746
Ion Ratio Lower Upper
93 100
66 44.5 35.5 53.3
65 24.7 19.3 28.9





#7
Phenol-d6
Concen: 154.213 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

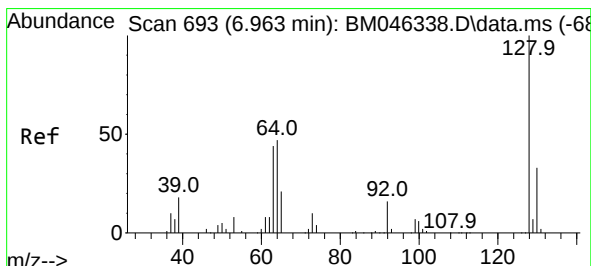
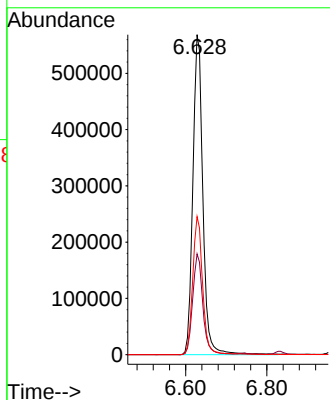
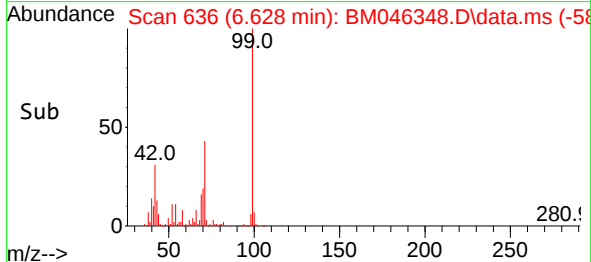
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 979350
Ion Ratio Lower Upper
99 100
42 31.5 24.8 37.2
71 43.1 33.1 49.7

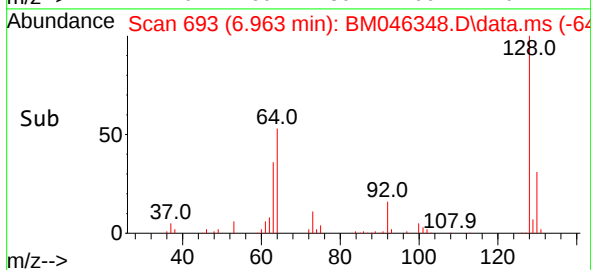
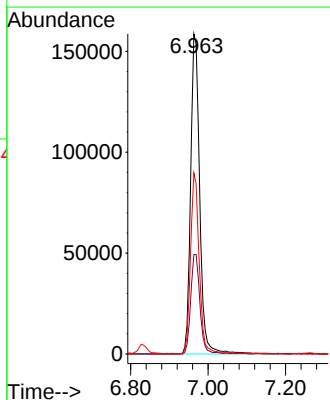
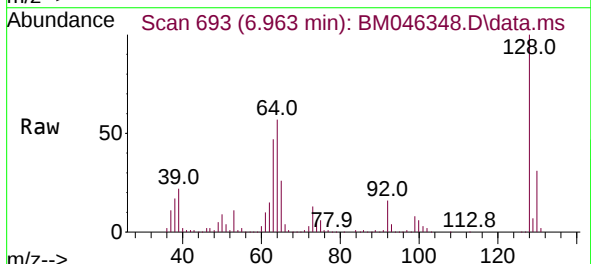
Manual Integrations
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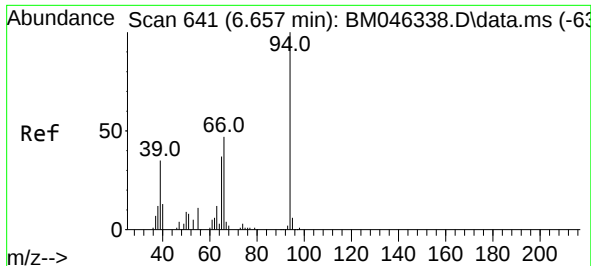
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#8
2-Chlorophenol
Concen: 51.777 ng
RT: 6.963 min Scan# 693
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

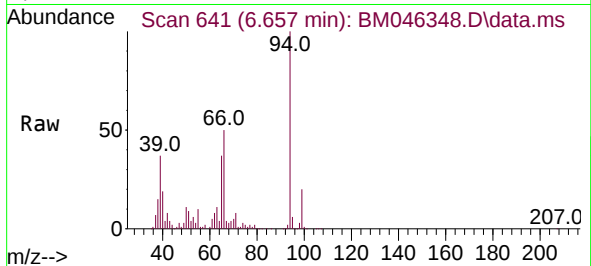
Tgt Ion:128 Resp: 257881
Ion Ratio Lower Upper
128 100
130 31.1 13.0 53.0
64 56.5 36.5 76.5





#10
Phenol
Concen: 54.256 ng
RT: 6.657 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

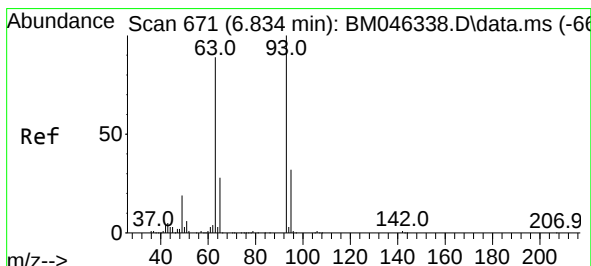
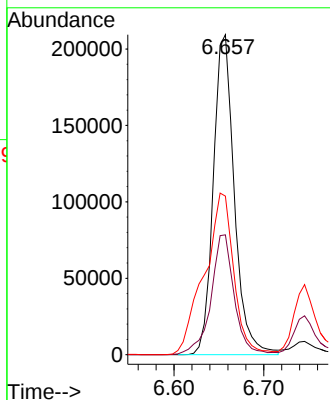
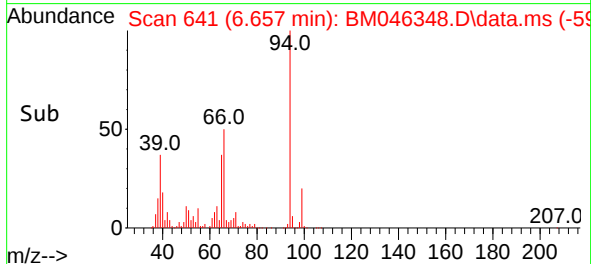
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion: 94 Resp: 34097
Ion Ratio Lower Upper
94 100
65 37.5 17.6 57.6
66 49.5 29.9 69.9

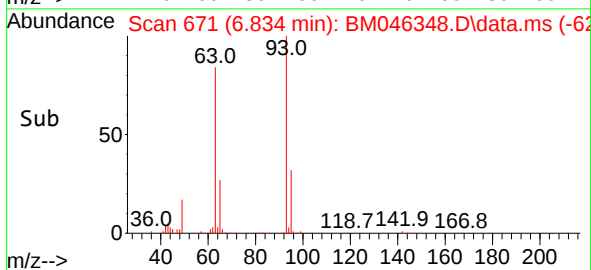
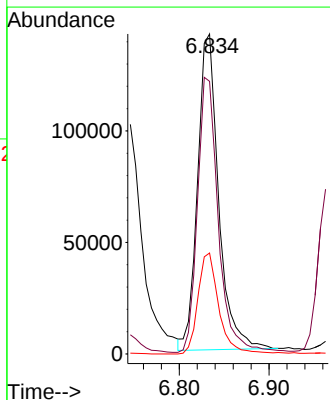
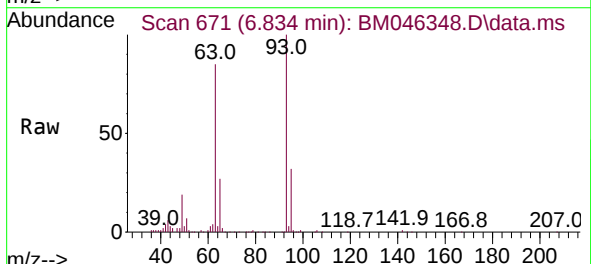
Manual Integrations
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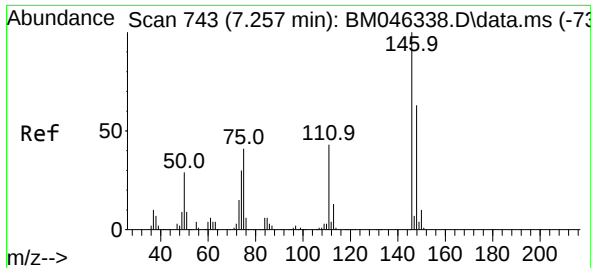
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#11
bis(2-Chloroethyl)ether
Concen: 45.292 ng
RT: 6.834 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 93 Resp: 231141
Ion Ratio Lower Upper
93 100
63 85.2 67.2 107.2
95 31.6 11.4 51.4





#12

1,3-Dichlorobenzene

Concen: 43.383 ng

RT: 7.257 min Scan# 743

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

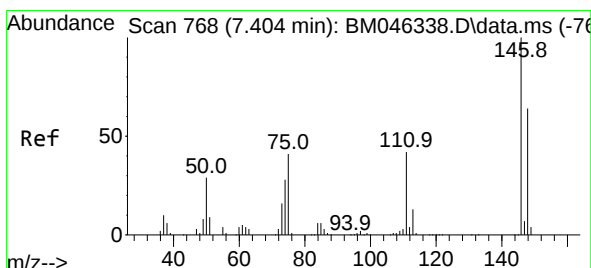
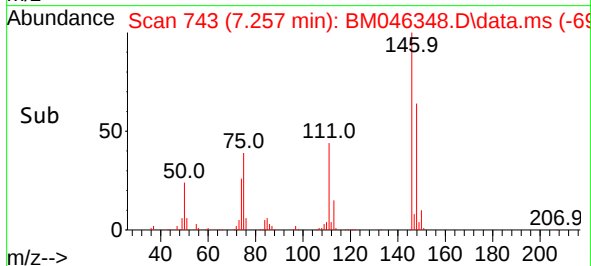
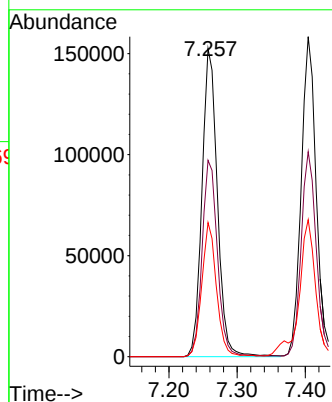
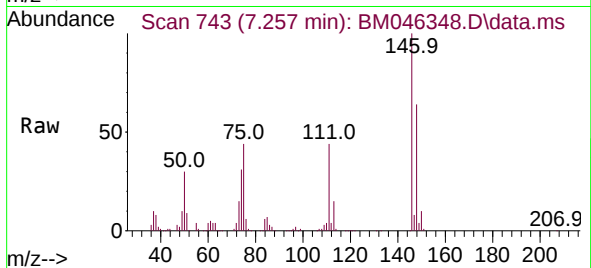
PB161624BS

Tgt Ion:146 Resp: 239554
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 75 43.5 32.6 49.0

Manual Integrations

APPROVED

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



#13

1,4-Dichlorobenzene

Concen: 42.923 ng

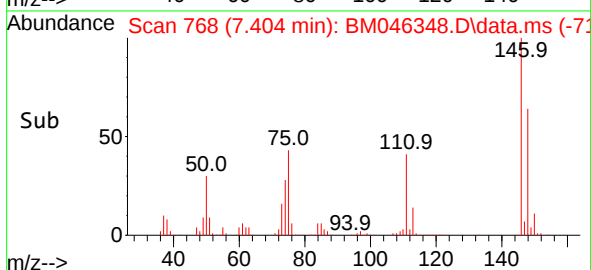
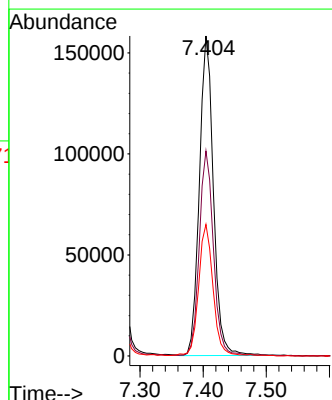
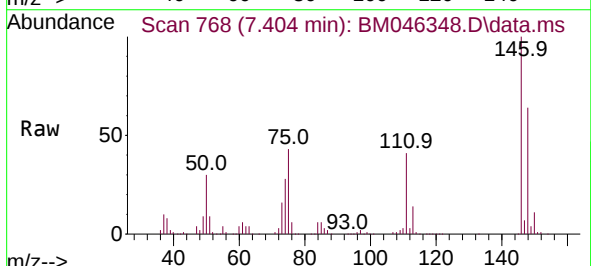
RT: 7.404 min Scan# 768

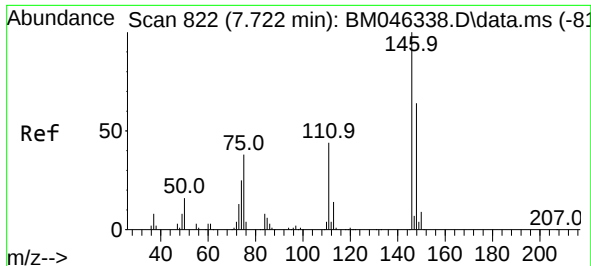
Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

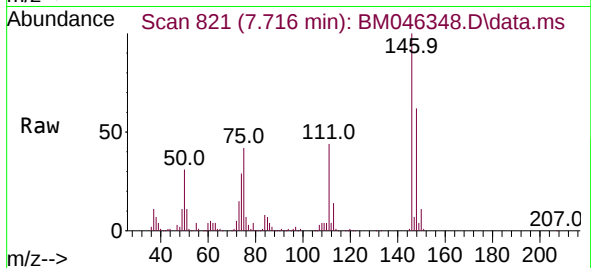
Tgt Ion:146 Resp: 243886
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.0
 111 41.1 33.7 50.5





#14
1,2-Dichlorobenzene
Concen: 42.913 ng
RT: 7.716 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

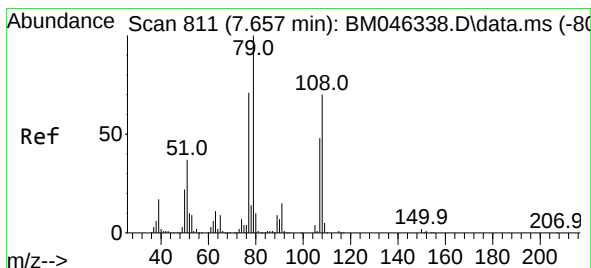
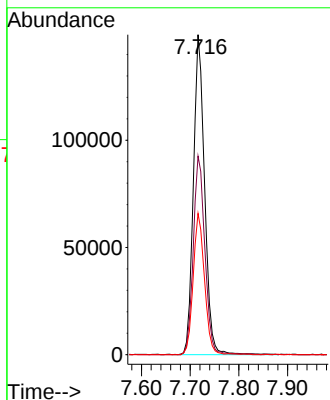
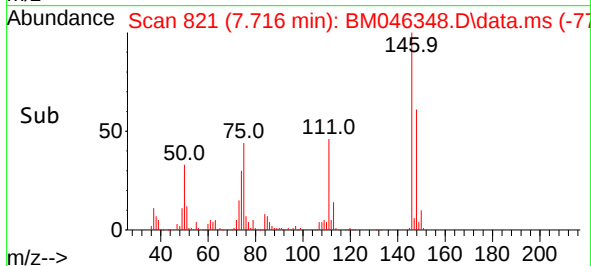
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion:146 Resp: 24040
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
111 44.2 35.4 53.2

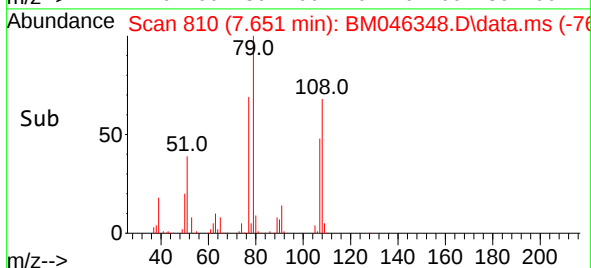
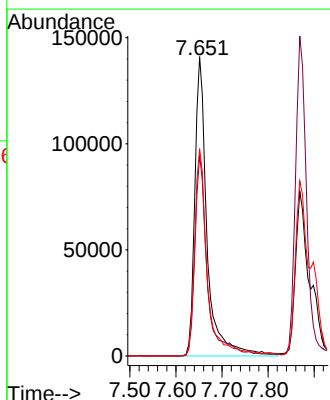
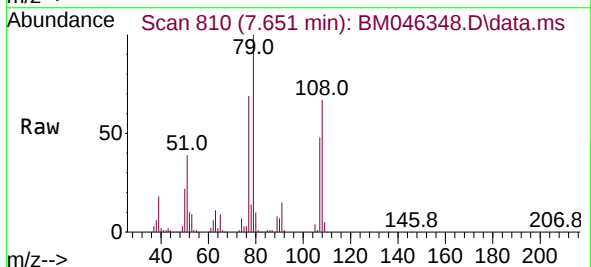
Manual Integrations
APPROVED

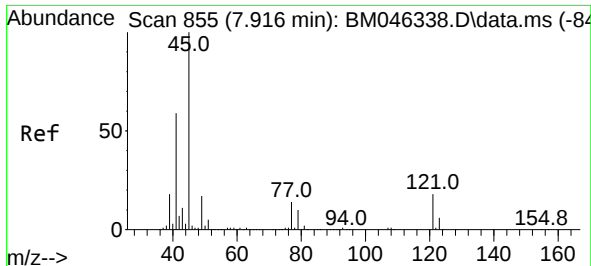
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#15
Benzyl Alcohol
Concen: 50.175 ng
RT: 7.651 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

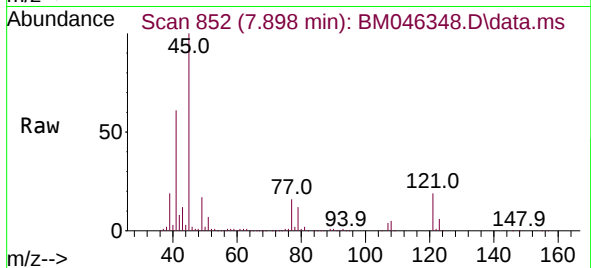
Tgt Ion: 79 Resp: 261948
Ion Ratio Lower Upper
79 100
108 67.1 56.1 84.1
77 69.3 56.9 85.3





#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.339 ng
RT: 7.898 min Scan# 852
Delta R.T. -0.018 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

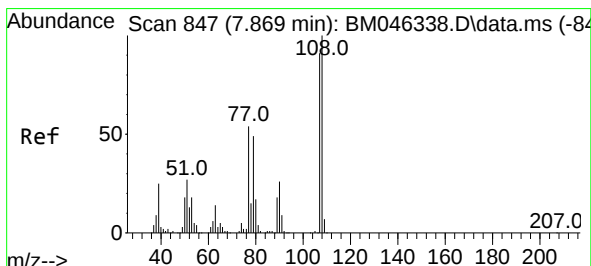
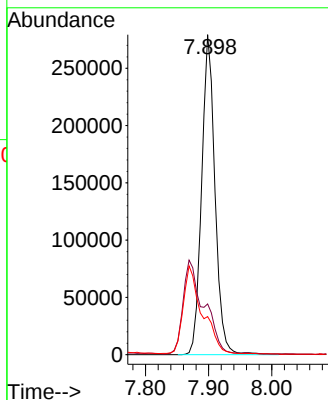
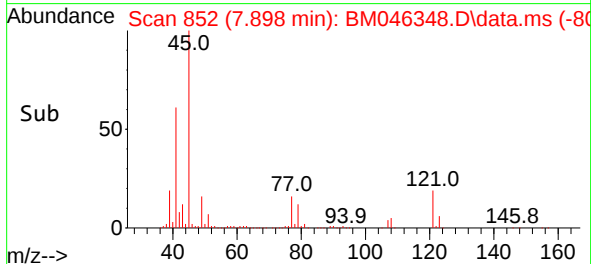
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion: 45 Resp: 411144
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.3
79 11.9 0.0 30.8

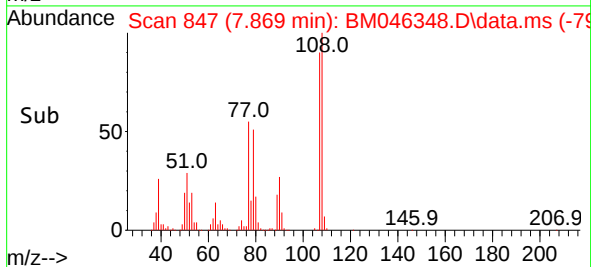
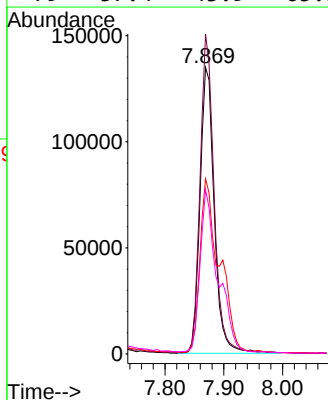
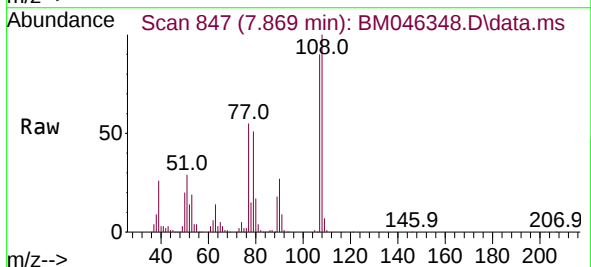
Manual Integrations
APPROVED

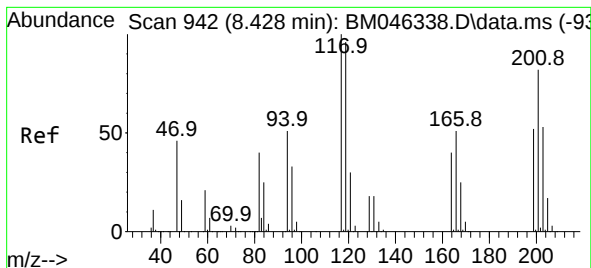
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#17
2-Methylphenol
Concen: 51.711 ng
RT: 7.869 min Scan# 847
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:107 Resp: 226616
Ion Ratio Lower Upper
107 100
108 111.7 88.1 132.1
77 61.1 47.5 71.3
79 57.4 43.9 65.9





#18

Hexachloroethane

Concen: 42.109 ng

RT: 8.422 min Scan# 942

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

Tgt Ion:117 Resp: 10778

Ion Ratio Lower Upper

117 100

119 94.2 76.9 115.3

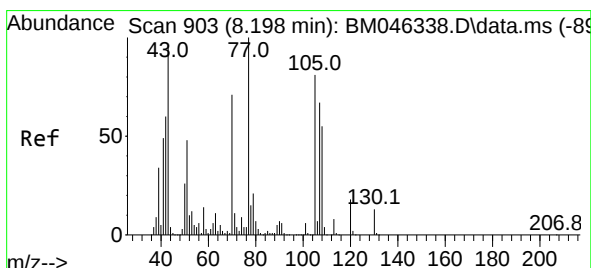
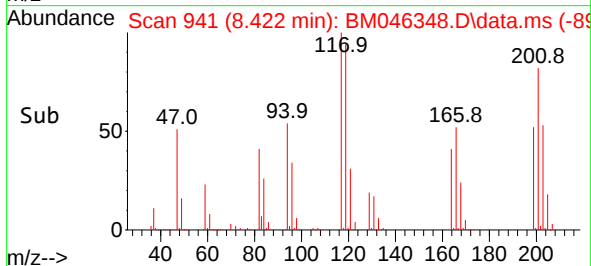
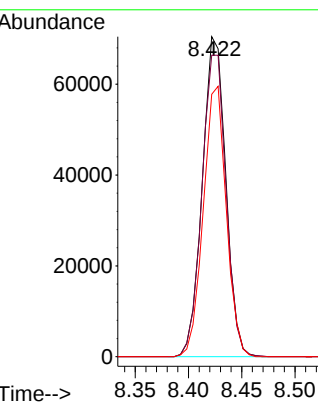
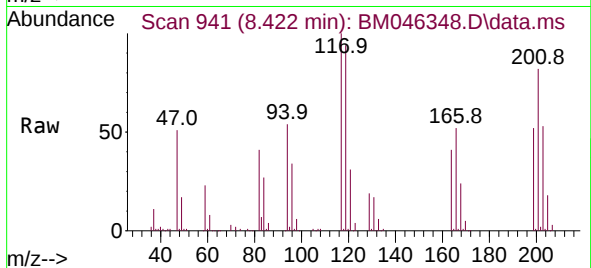
201 82.0 67.2 100.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#19

n-Nitroso-di-n-propylamine

Concen: 47.551 ng

RT: 8.198 min Scan# 903

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Tgt Ion: 70 Resp: 229256

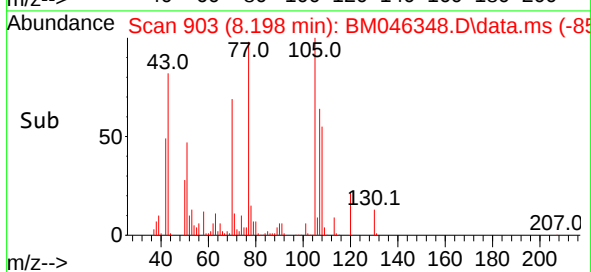
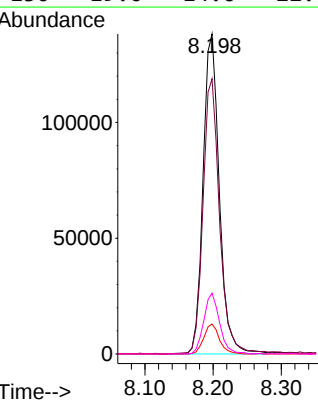
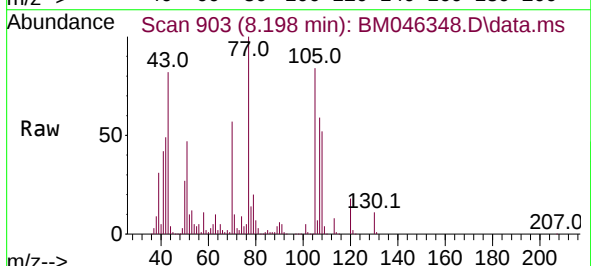
Ion Ratio Lower Upper

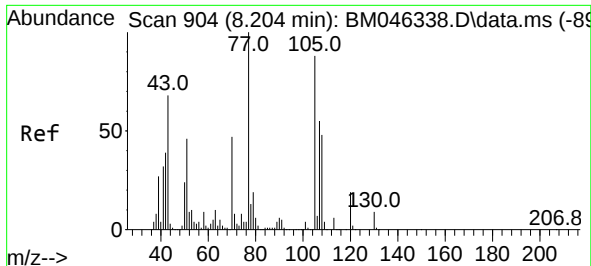
70 100

42 86.0 67.0 100.6

101 9.4 7.3 10.9

130 19.0 14.6 22.0





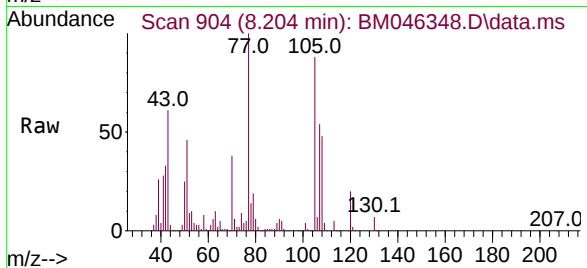
#20
3+4-Methylphenols
Concen: 51.347 ng
RT: 8.204 min Scan# 904
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

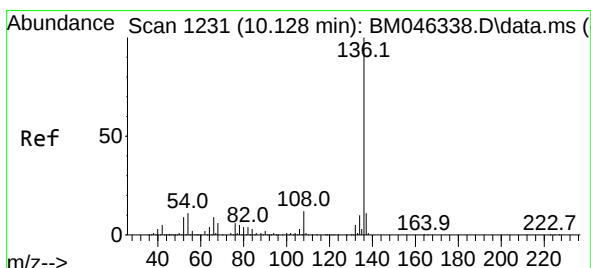
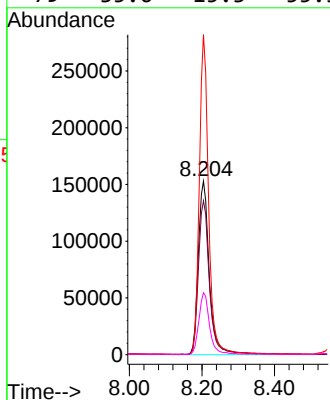
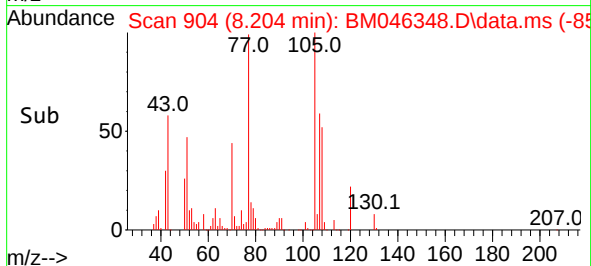


Tgt Ion:107 Resp: 32633
Ion Ratio Lower Upper
107 100
108 88.7 67.7 107.7
77 184.4 161.4 201.4
79 35.6 15.3 55.3

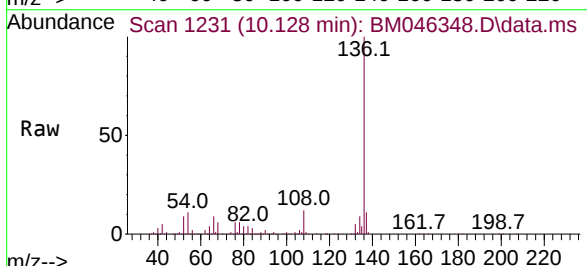
Manual Integrations

APPROVED

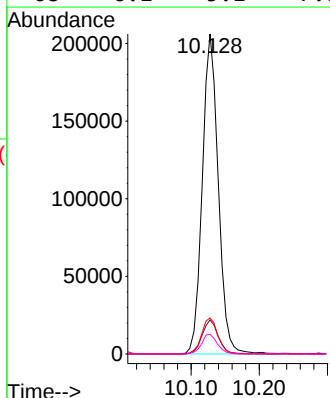
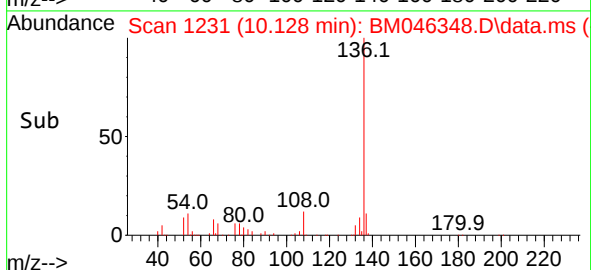
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

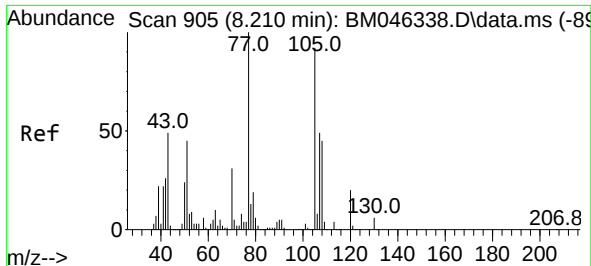


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



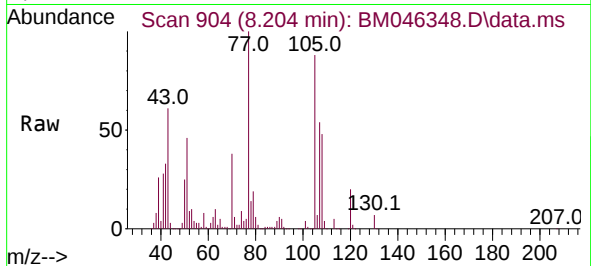
Tgt Ion:136 Resp: 335507
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.2 9.0 13.4
68 6.1 5.1 7.7





#22
Acetophenone
Concen: 44.017 ng
RT: 8.204 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

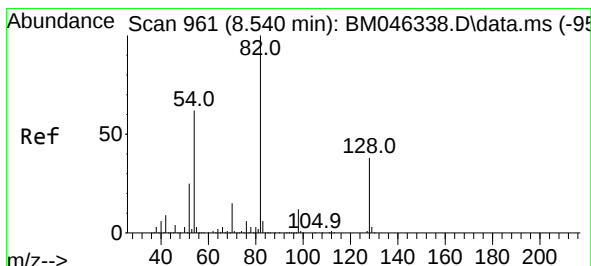
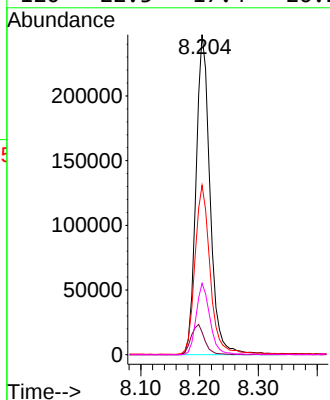
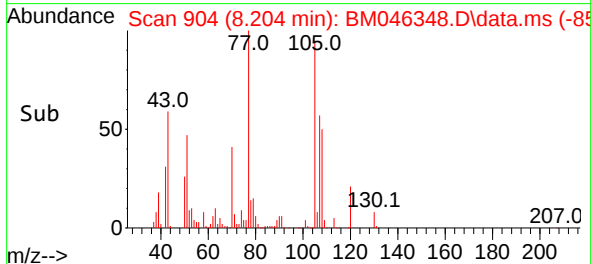
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion:105 Resp: 41250
Ion Ratio Lower Upper
105 100
71 7.0 4.2 6.2
51 53.0 39.4 59.0
120 22.3 17.4 26.2

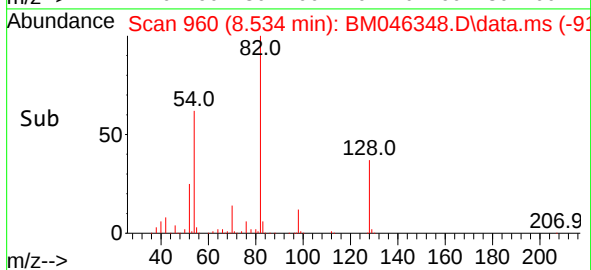
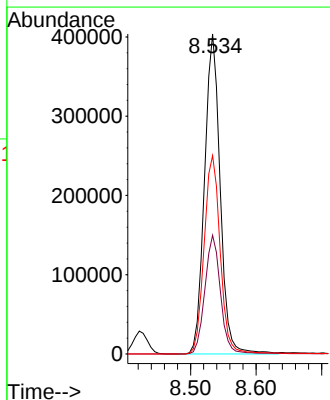
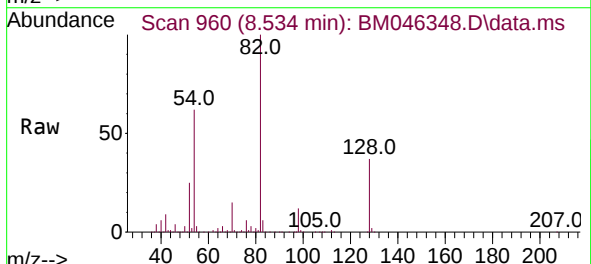
Manual Integrations
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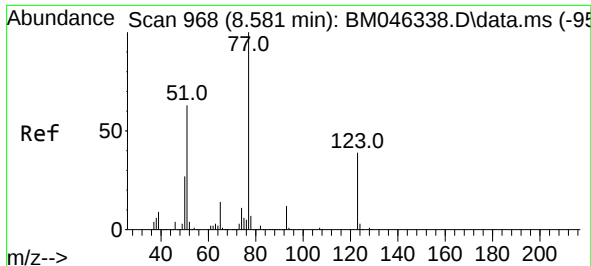
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#23
Nitrobenzene-d5
Concen: 83.037 ng
RT: 8.534 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

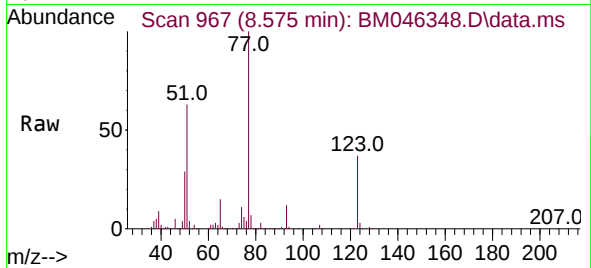
Tgt Ion: 82 Resp: 672026
Ion Ratio Lower Upper
82 100
128 37.1 30.6 46.0
54 62.0 49.6 74.4





#24
Nitrobenzene
Concen: 43.082 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

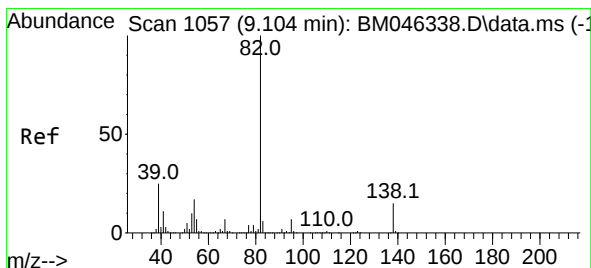
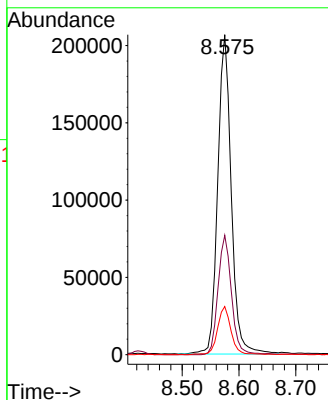
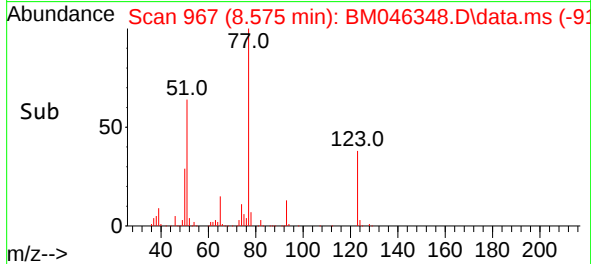
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion: 77 Resp: 34251
Ion Ratio Lower Upper
77 100
123 37.3 31.4 47.0
65 15.0 11.5 17.3

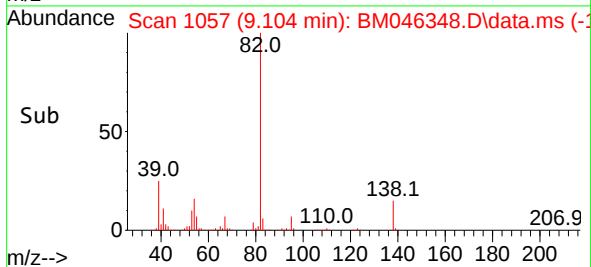
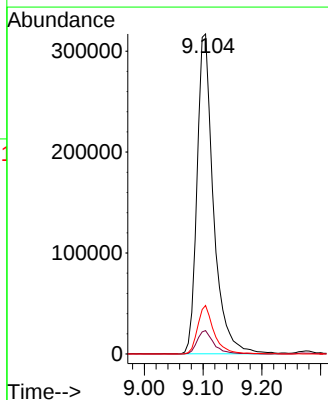
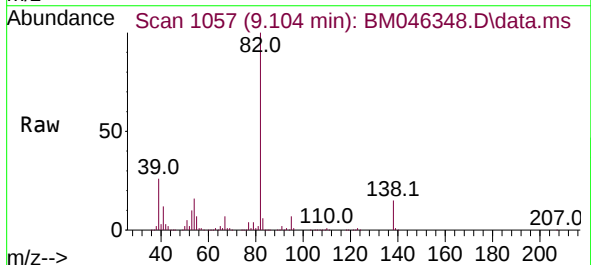
Manual Integrations
APPROVED

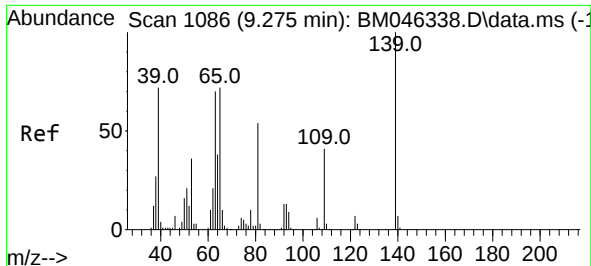
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#25
Isophorone
Concen: 44.866 ng
RT: 9.104 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 82 Resp: 615737
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 15.2 12.2 18.2





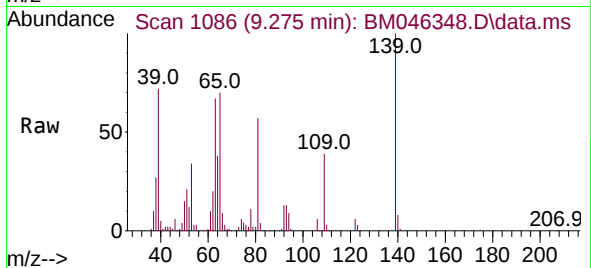
#26
2-Nitrophenol
Concen: 47.841 ng
RT: 9.275 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

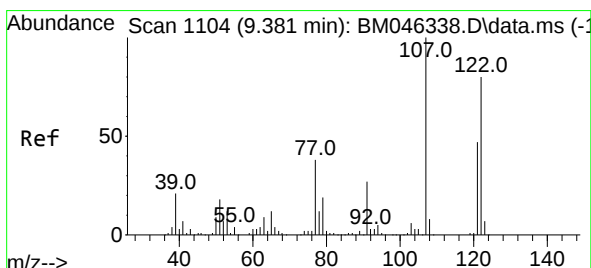
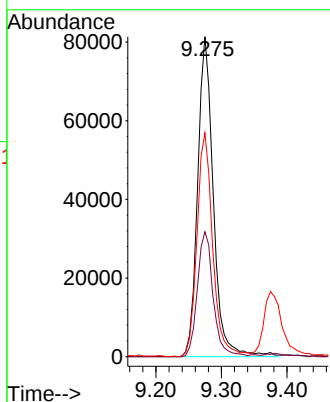
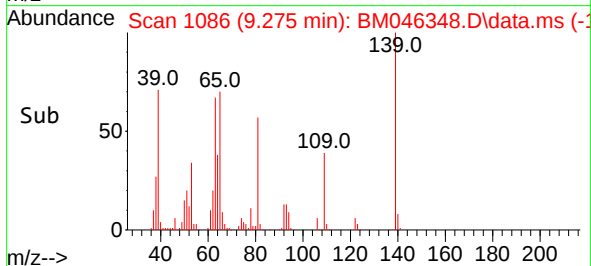


Tgt Ion:139 Resp: 136128
Ion Ratio Lower Upper
139 100
109 39.0 32.9 49.3
65 69.9 57.4 86.2

Manual Integrations

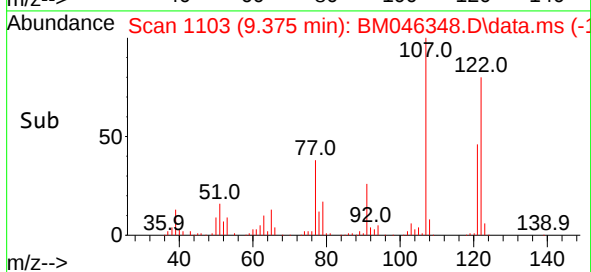
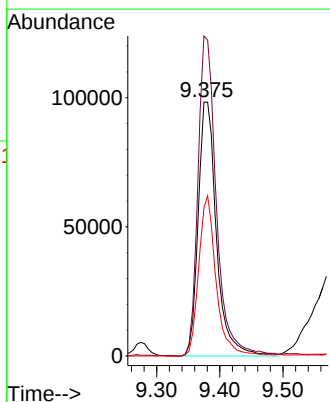
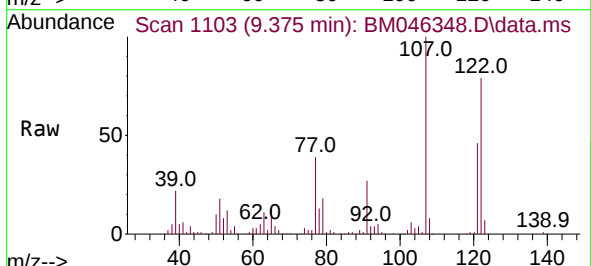
APPROVED

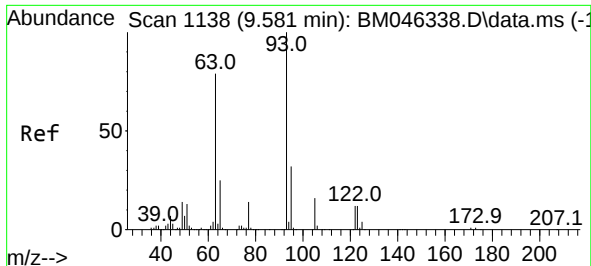
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#27
2,4-Dimethylphenol
Concen: 55.513 ng
RT: 9.375 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

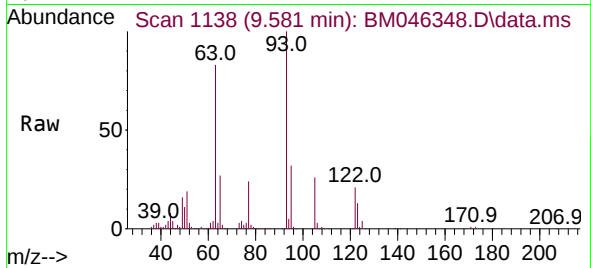
Tgt Ion:122 Resp: 198037
Ion Ratio Lower Upper
122 100
107 126.0 99.5 149.3
121 58.3 47.2 70.8





#28
bis(2-Chloroethoxy)methane
Concen: 45.007 ng
RT: 9.581 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

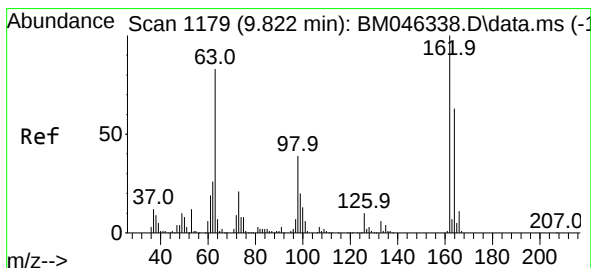
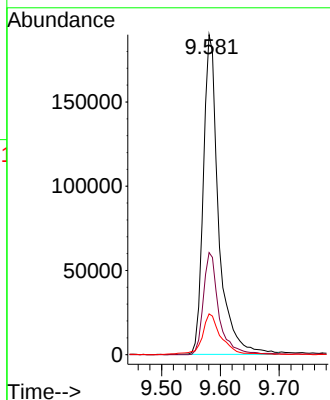
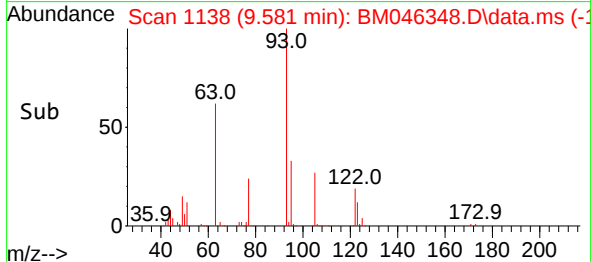
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion: 93 Resp: 341250
Ion Ratio Lower Upper
93 100
95 31.9 25.6 38.4
123 12.7 9.5 14.3

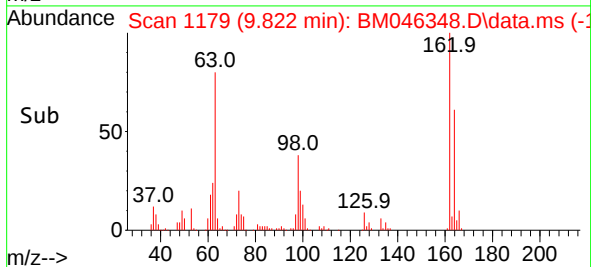
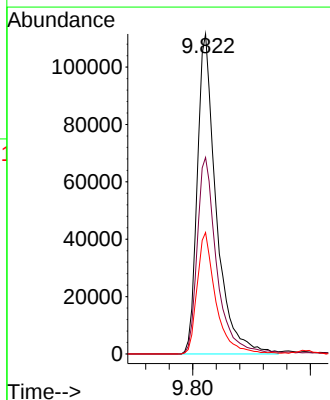
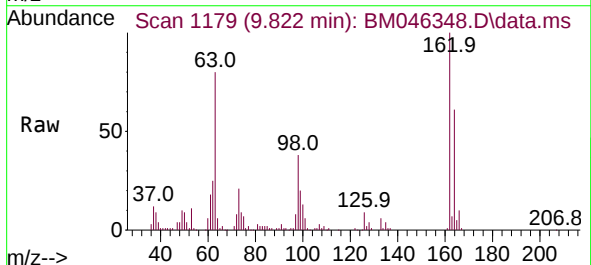
Manual Integrations
APPROVED

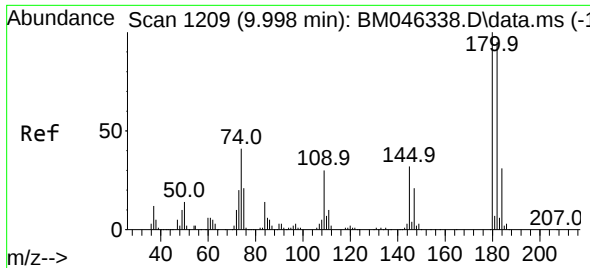
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#29
2,4-Dichlorophenol
Concen: 51.902 ng
RT: 9.822 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:162 Resp: 250047
Ion Ratio Lower Upper
162 100
164 61.4 42.7 82.7
98 38.0 19.1 59.1





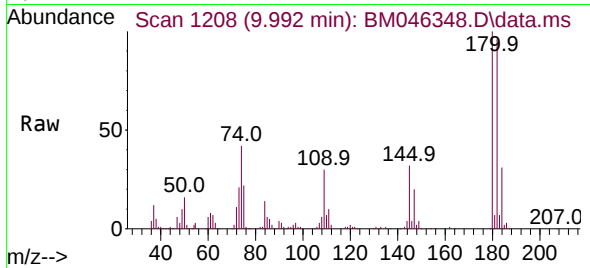
#30
1,2,4-Trichlorobenzene
Concen: 42.524 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

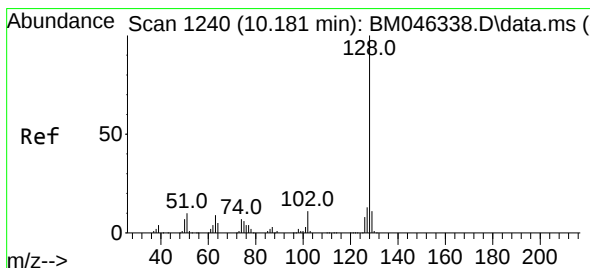
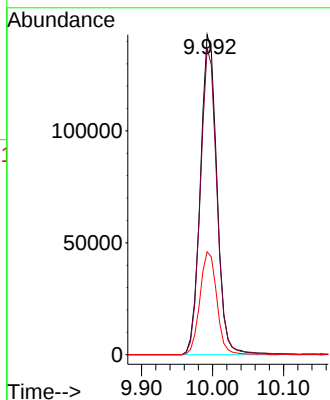
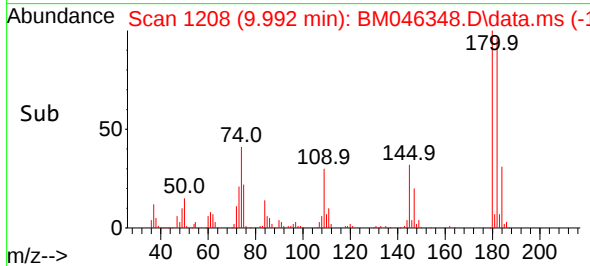


Tgt Ion:180 Resp: 231970
Ion Ratio Lower Upper
180 100
182 95.7 75.6 113.4
145 32.1 26.0 39.0

Manual Integrations

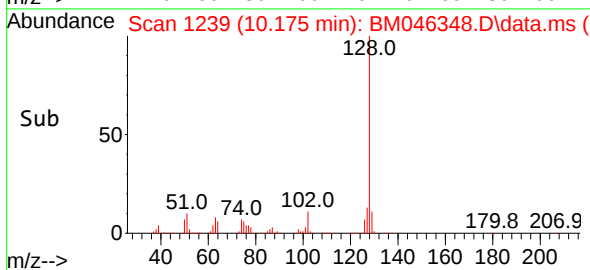
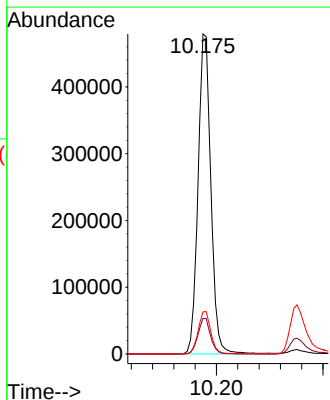
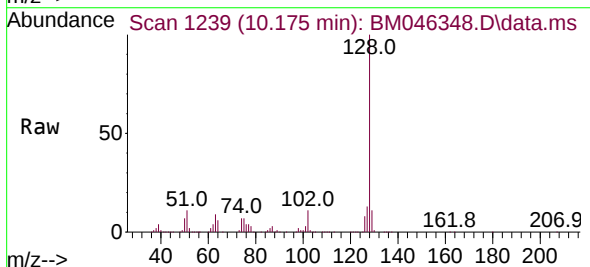
APPROVED

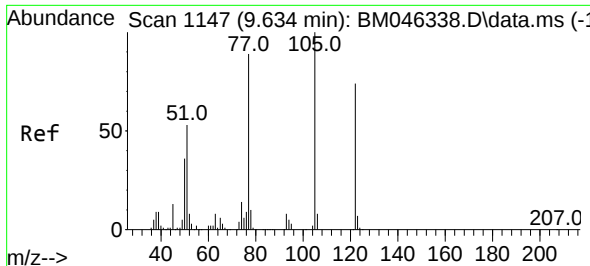
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#31
Naphthalene
Concen: 43.543 ng
RT: 10.175 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

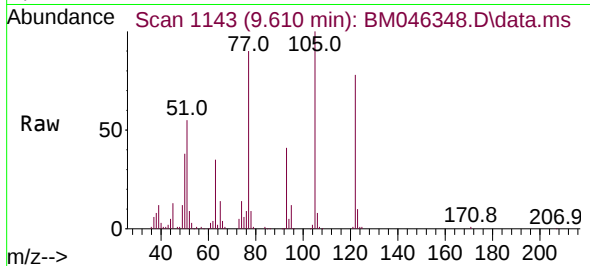
Tgt Ion:128 Resp: 800610
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.2 10.3 15.5





#32
Benzoic acid
Concen: 46.424 ng
RT: 9.610 min Scan# 1143
Delta R.T. -0.024 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

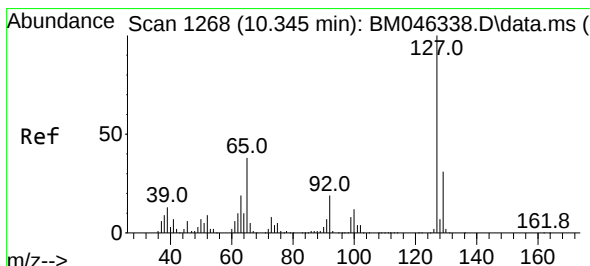
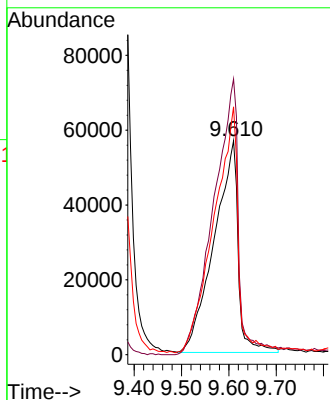
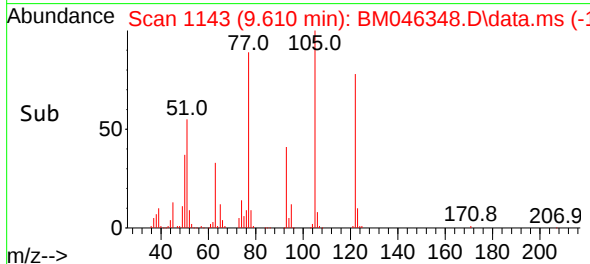
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion:122 Resp: 19938
Ion Ratio Lower Upper
122 100
105 128.8 115.0 155.0
77 115.8 100.1 140.1

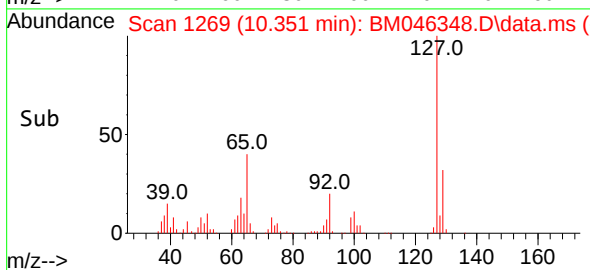
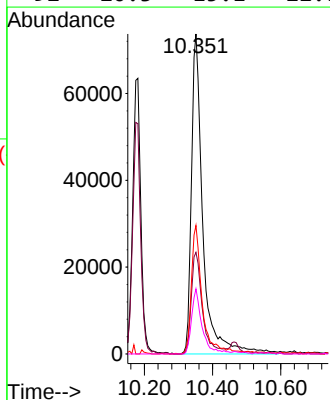
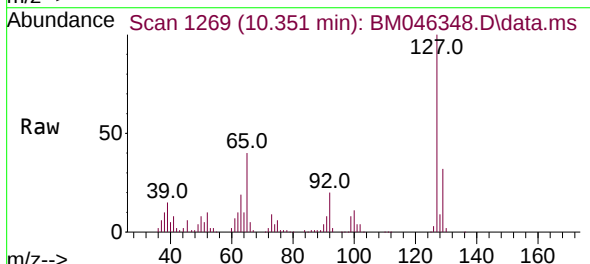
Manual Integrations
APPROVED

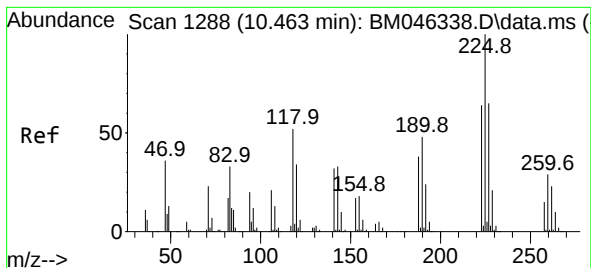
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#33
4-Chloroaniline
Concen: 26.693 ng
RT: 10.351 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:127 Resp: 171925
Ion Ratio Lower Upper
127 100
129 31.7 25.0 37.4
65 40.1 30.2 45.4
92 20.3 15.1 22.7





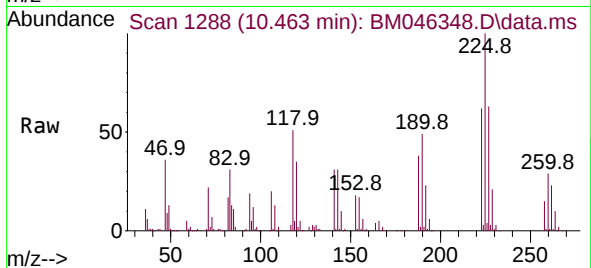
#34
Hexachlorobutadiene
Concen: 40.361 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

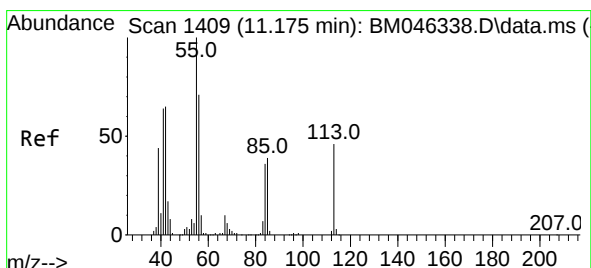
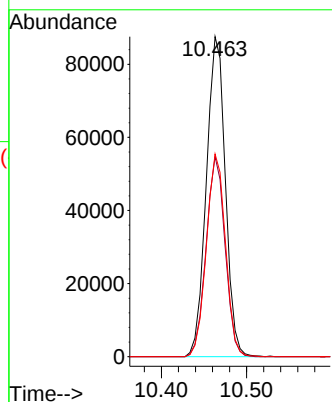
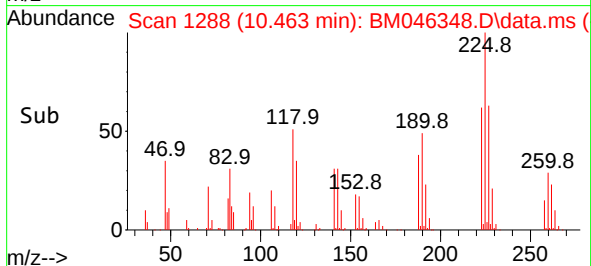


Tgt Ion:225 Resp: 13574
Ion Ratio Lower Upper
225 100
223 62.5 50.8 76.2
227 66.2 51.6 77.4

Manual Integrations

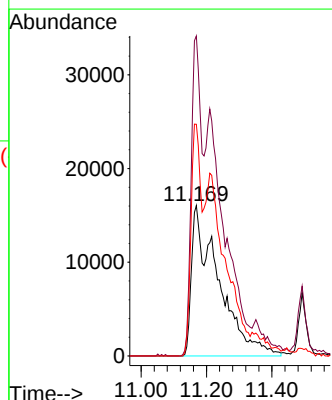
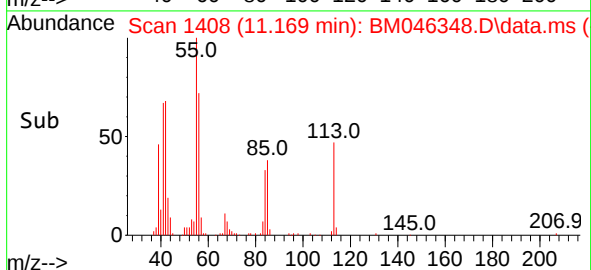
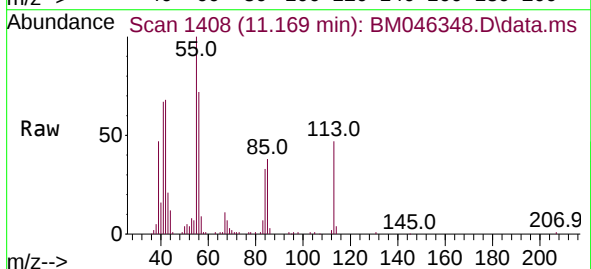
APPROVED

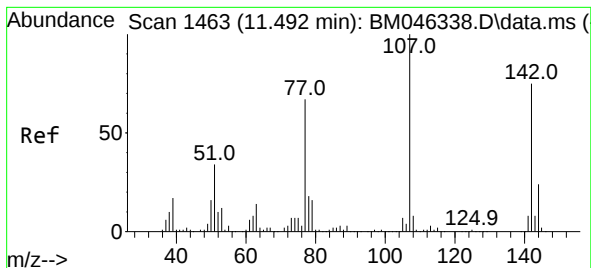
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#35
Caprolactam
Concen: 52.204 ng m
RT: 11.169 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:113 Resp: 92124
Ion Ratio Lower Upper
113 100
55 212.7 199.3 239.3
56 154.1 136.8 176.8





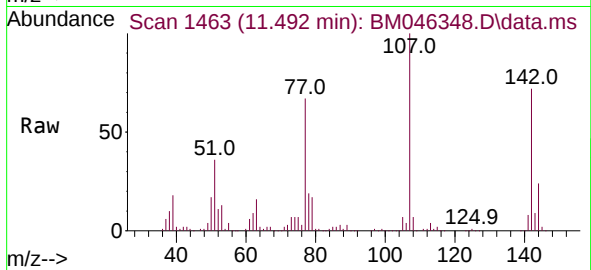
#36
4-Chloro-3-methylphenol
Concen: 50.717 ng
RT: 11.492 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS



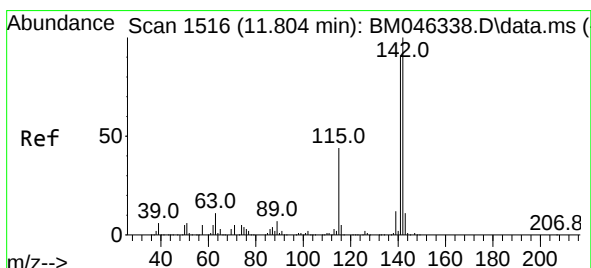
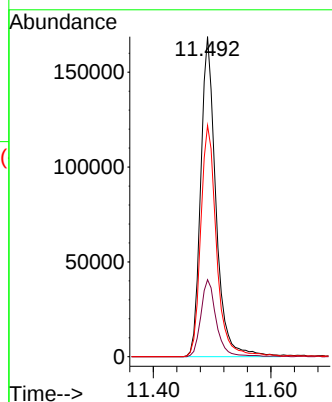
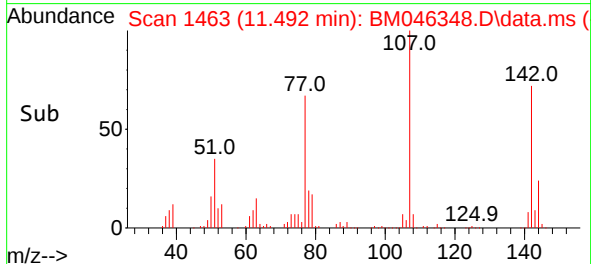
Tgt Ion:107 Resp: 30401
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.4
142 72.3 60.1 90.1

Manual Integrations

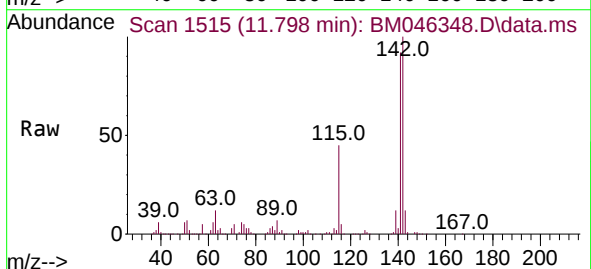
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

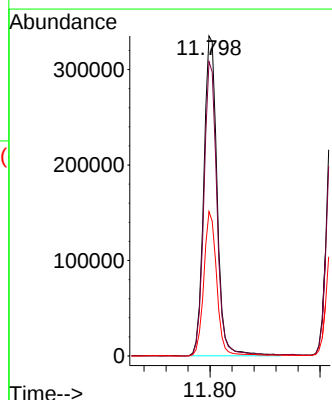
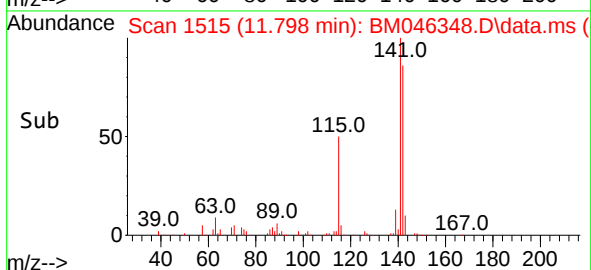
Supervised By :mohammad ahmed 06/29/2024

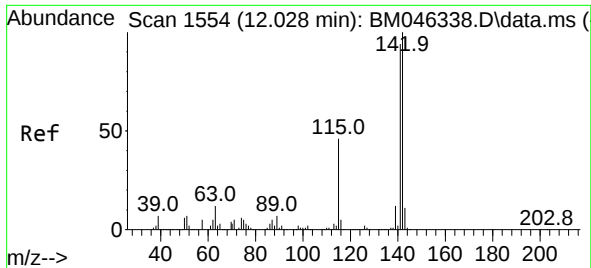


#37
2-Methylnaphthalene
Concen: 45.483 ng
RT: 11.798 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:142 Resp: 564000
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2
115 45.1 34.8 52.2





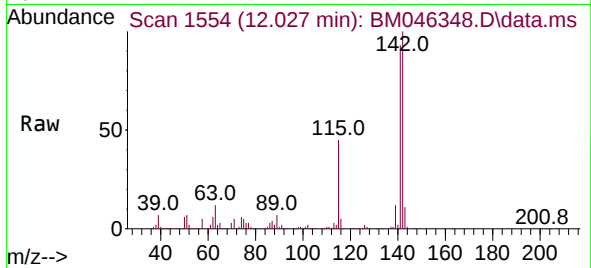
#38
1-Methylnaphthalene
Concen: 42.917 ng
RT: 12.027 min Scan# 11554
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

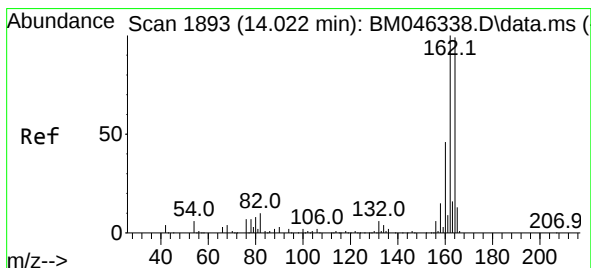
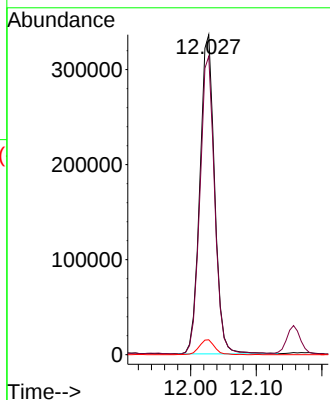
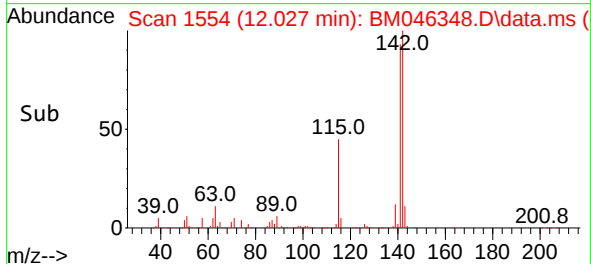


Tgt Ion:142 Resp: 52620
Ion Ratio Lower Upper
142 100
141 93.3 75.3 112.9
116 4.7 3.8 5.6

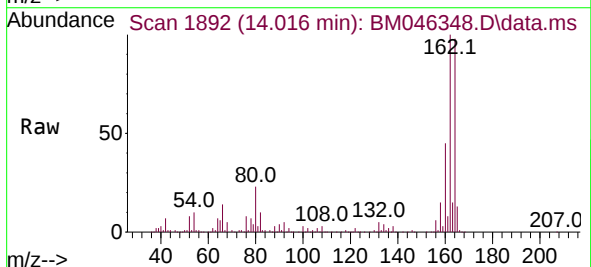
Manual Integrations

APPROVED

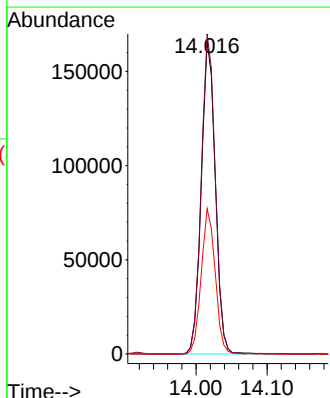
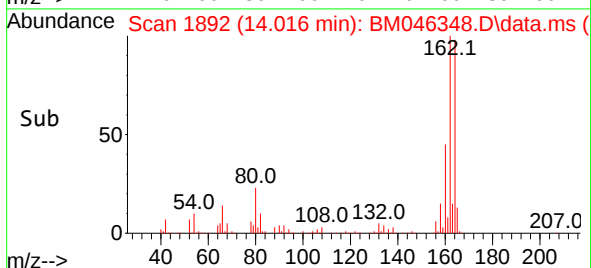
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

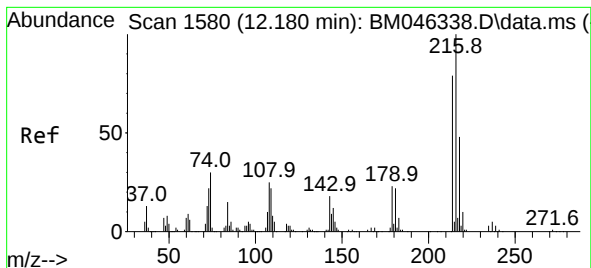


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



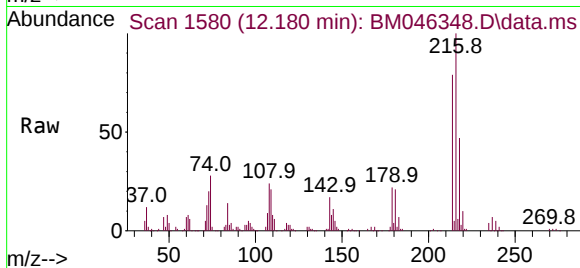
Tgt Ion:164 Resp: 228125
Ion Ratio Lower Upper
164 100
162 102.3 80.5 120.7
160 46.4 37.0 55.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.613 ng
RT: 12.180 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

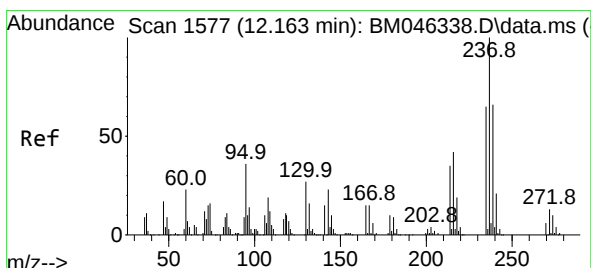
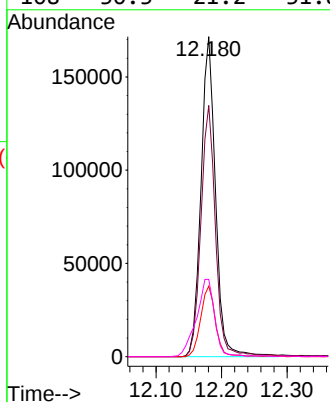
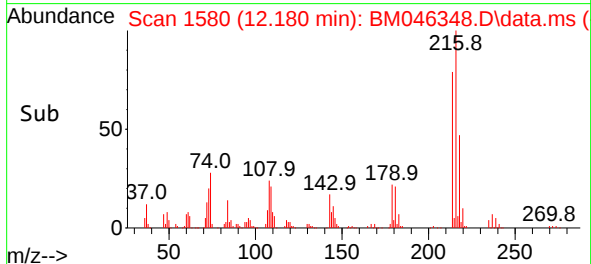
Instrument :
BNA_M
ClientSampleId :
PB161624BS



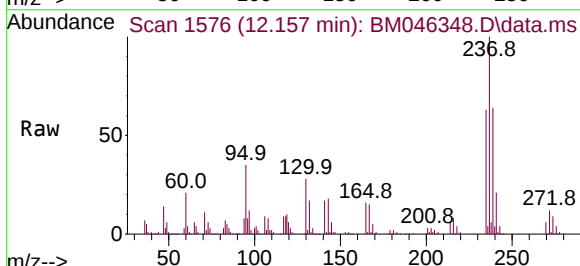
Tgt Ion:216 Resp: 265429
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 22.4 17.9 26.9
108 30.3 21.2 31.8

Manual Integrations
APPROVED

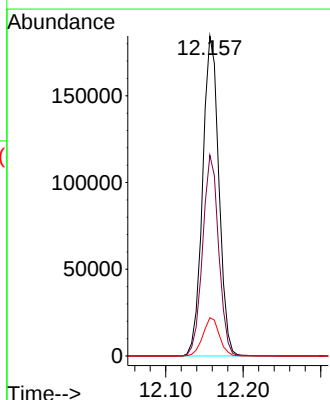
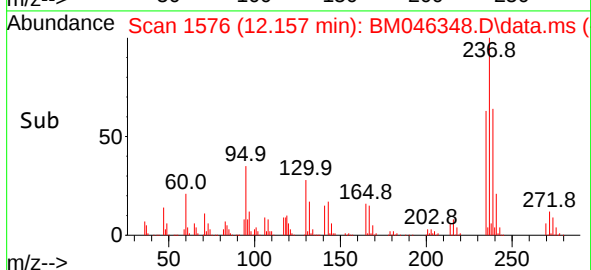
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

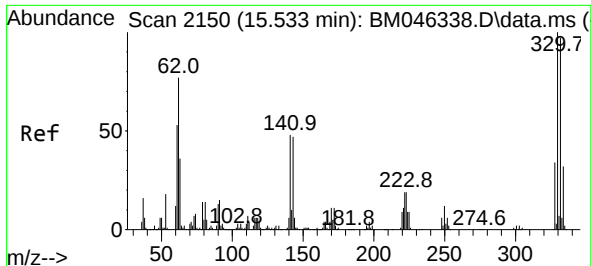


#41
Hexachlorocyclopentadiene
Concen: 112.395 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:237 Resp: 268051
Ion Ratio Lower Upper
237 100
235 62.8 44.5 84.5
272 12.0 0.0 33.4





#42
2,4,6-Tribromophenol
Concen: 147.297 ng
RT: 15.527 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

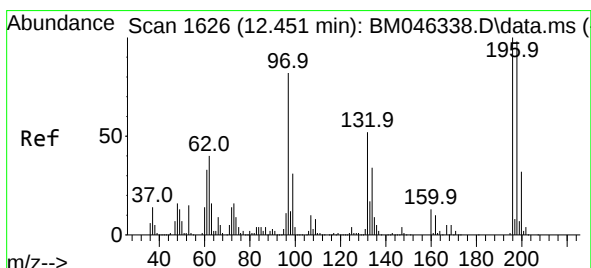
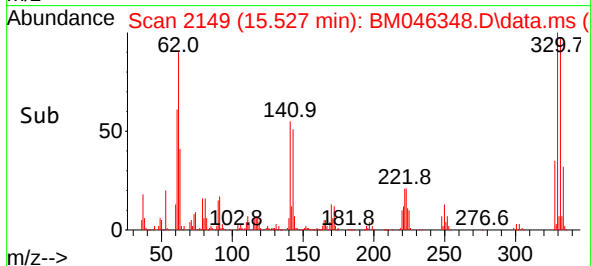
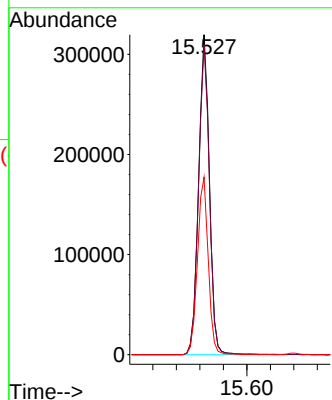
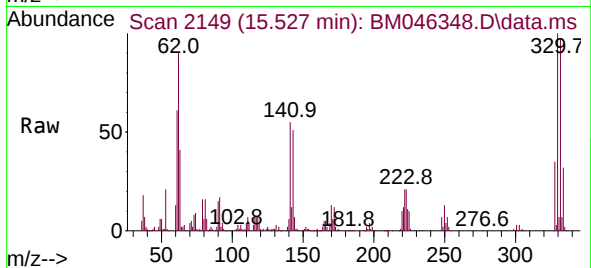
ClientSampleId :

PB161624BS

Tgt Ion:330 Resp: 408644
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.6
141 55.3 43.2 64.8

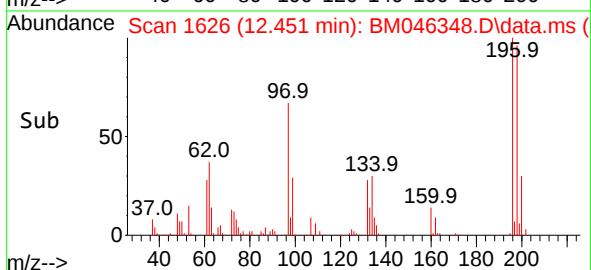
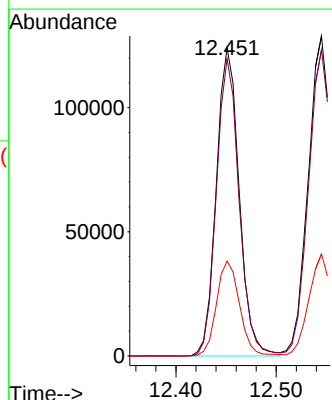
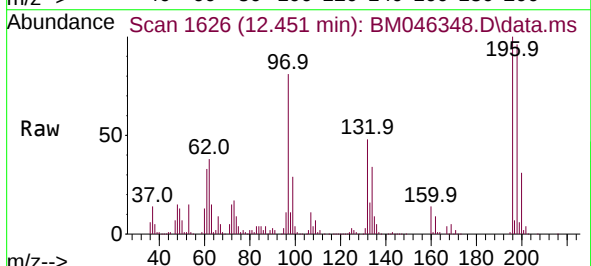
Manual Integrations
APPROVED

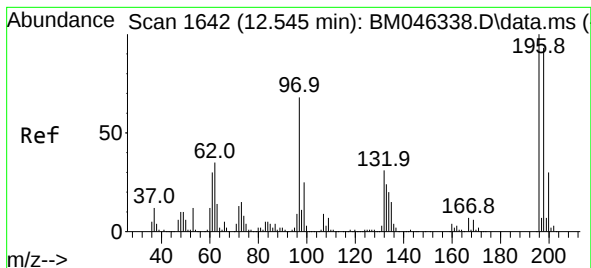
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#43
2,4,6-Trichlorophenol
Concen: 48.662 ng
RT: 12.451 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:196 Resp: 196704
Ion Ratio Lower Upper
196 100
198 96.4 78.7 118.1
200 30.8 25.5 38.3





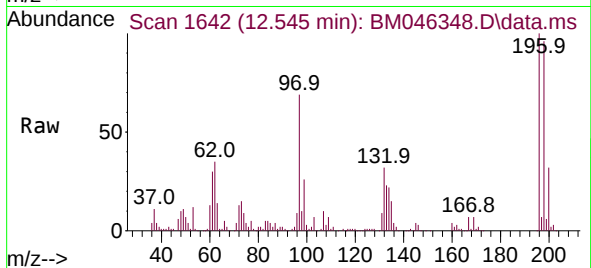
#44
2,4,5-Trichlorophenol
Concen: 47.503 ng
RT: 12.545 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

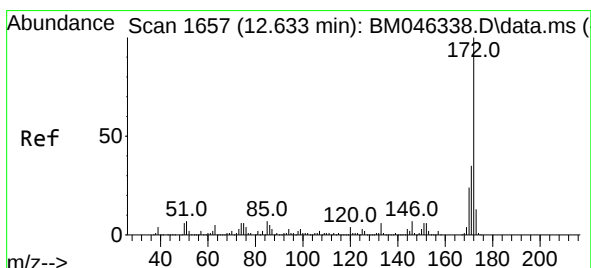
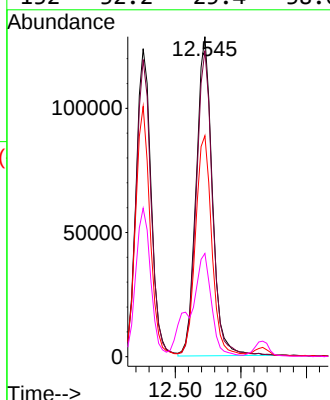
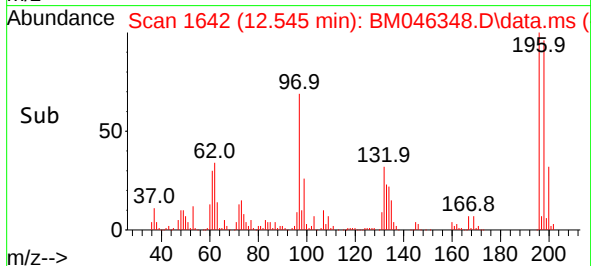


Tgt Ion:196 Resp: 221260
Ion Ratio Lower Upper
196 100
198 95.7 74.7 112.1
97 69.1 54.6 82.0
132 32.2 25.4 38.0

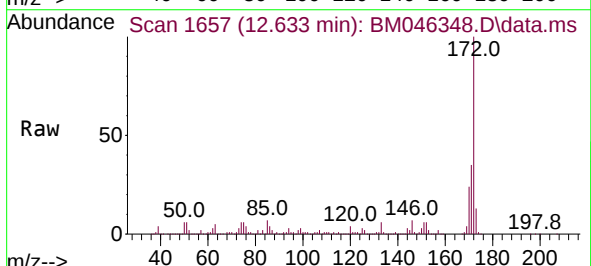
Manual Integrations

APPROVED

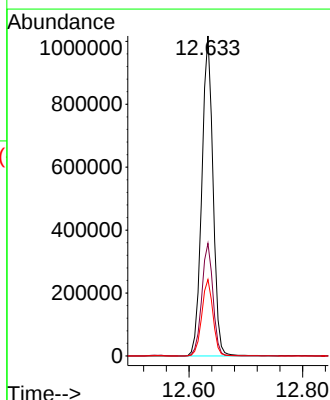
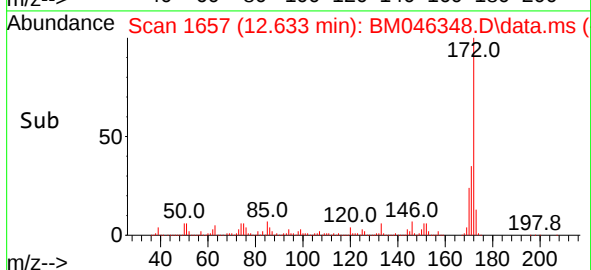
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

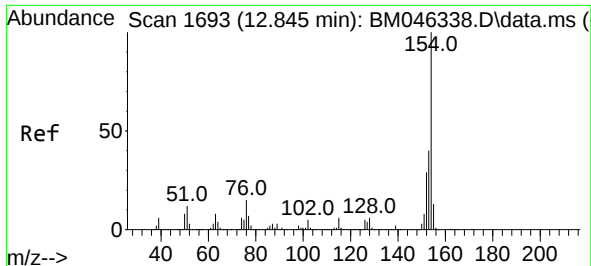


#45
2-Fluorobiphenyl
Concen: 82.626 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:172 Resp: 1390690
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.9 19.4 29.0





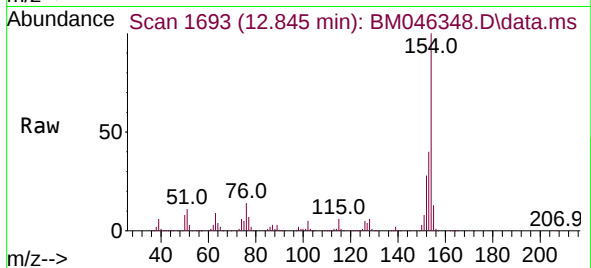
#46
1,1'-Biphenyl
Concen: 44.308 ng
RT: 12.845 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

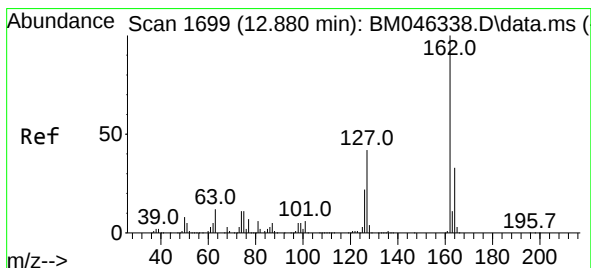
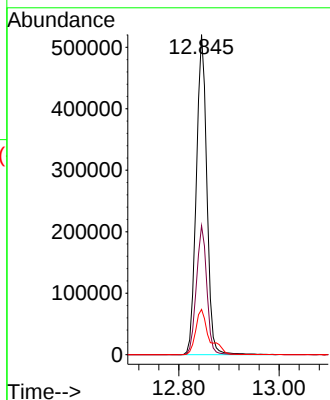
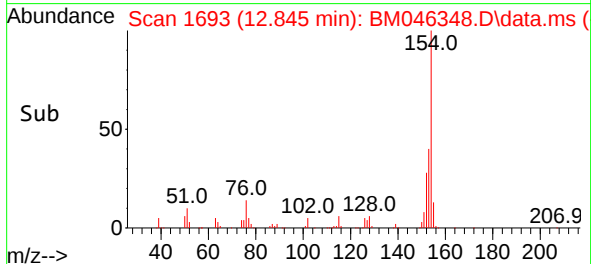


Tgt Ion:154 Resp: 756720
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 14.2 0.0 34.8

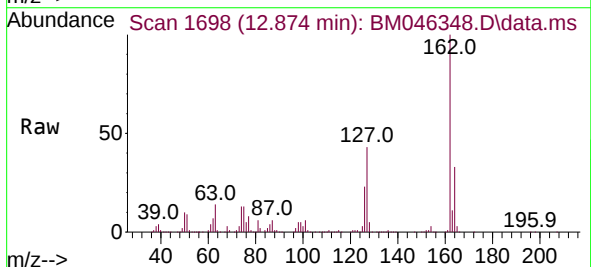
Manual Integrations

APPROVED

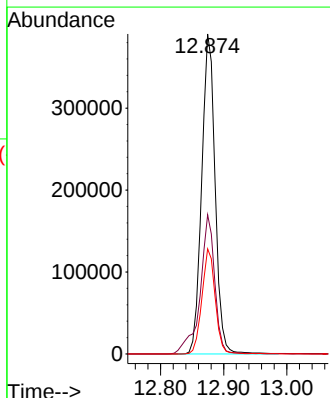
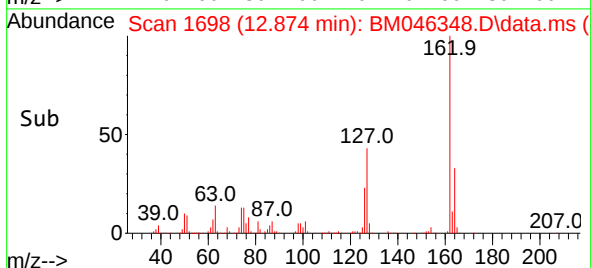
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

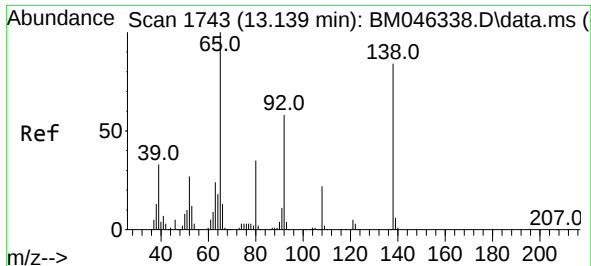


#47
2-Chloronaphthalene
Concen: 43.624 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:162 Resp: 578319
Ion Ratio Lower Upper
162 100
127 43.5 34.1 51.1
164 32.9 26.1 39.1





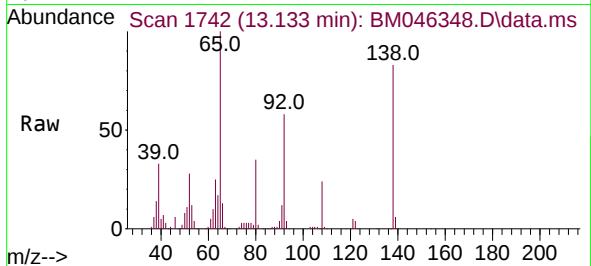
#48
2-Nitroaniline
Concen: 50.101 ng
RT: 13.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS



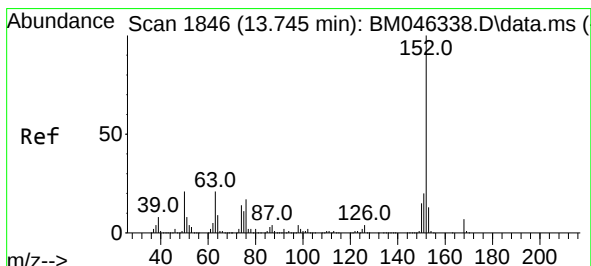
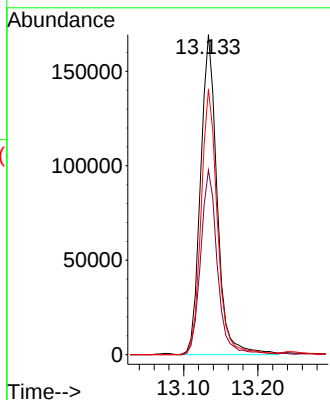
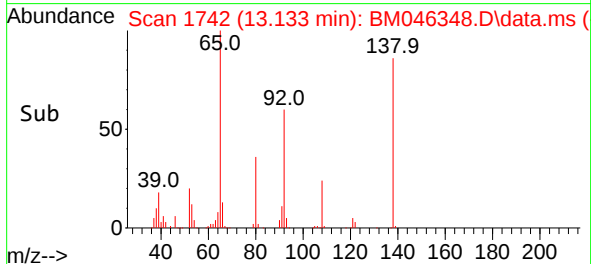
Tgt Ion: 65 Resp: 26368
Ion Ratio Lower Upper
65 100
92 57.7 46.7 70.1
138 83.1 67.3 100.9

Manual Integrations

APPROVED

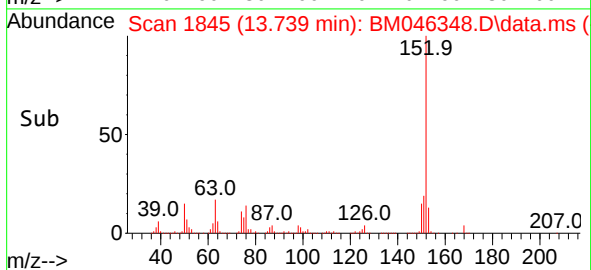
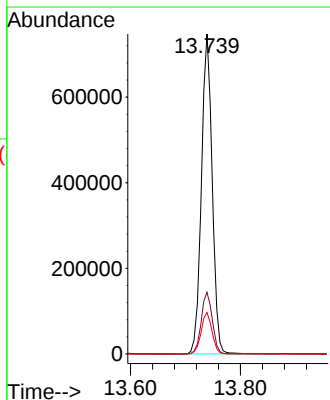
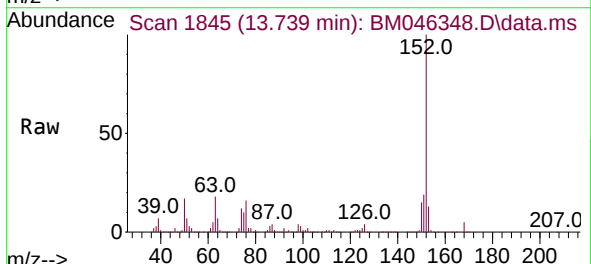
Reviewed By :Yogesh Patel 06/29/2024

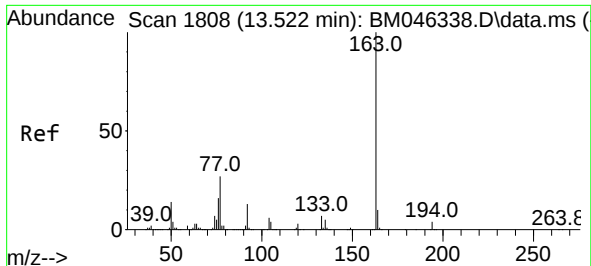
Supervised By :mohammad ahmed 06/29/2024



#49
Acenaphthylene
Concen: 49.887 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

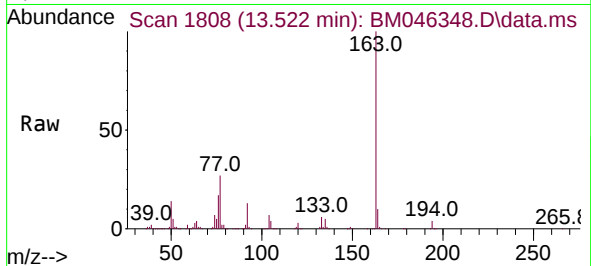
Tgt Ion:152 Resp: 1019596
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.0 10.4 15.6





#50
Dimethylphthalate
Concen: 47.346 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

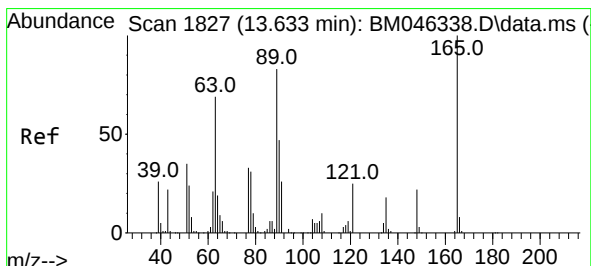
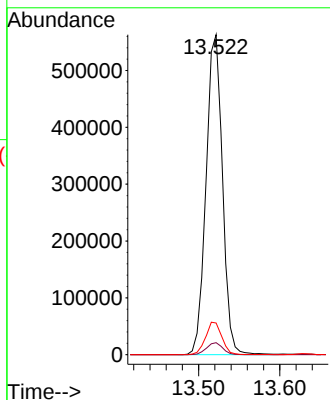
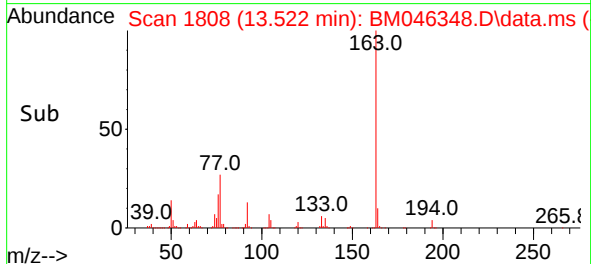
Instrument :
BNA_M
ClientSampleId :
PB161624BS



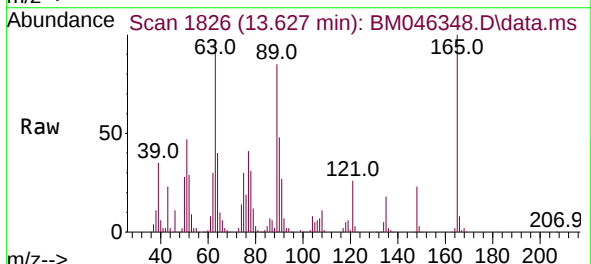
Tgt Ion:163 Resp: 789550
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 7.8 11.8

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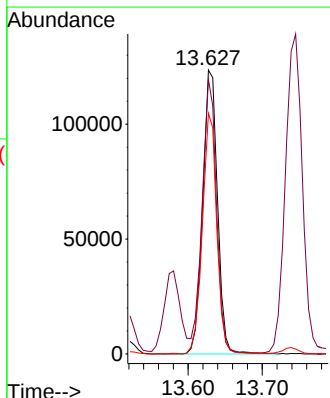
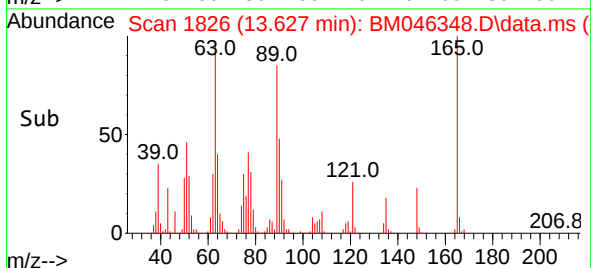
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

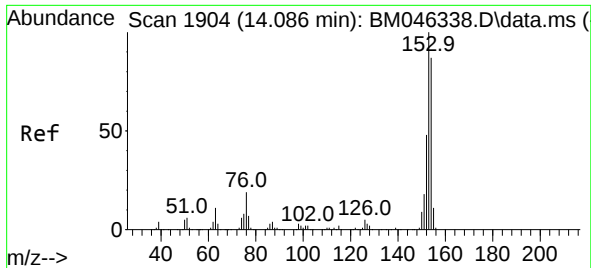


#51
2,6-Dinitrotoluene
Concen: 46.229 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



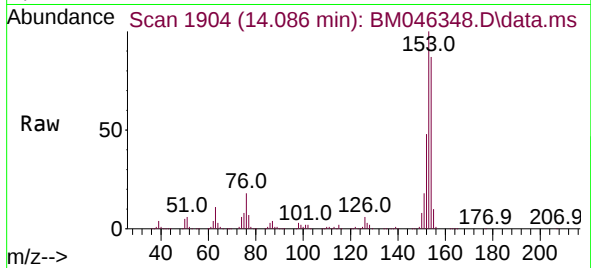
Tgt Ion:165 Resp: 171681
Ion Ratio Lower Upper
165 100
63 96.8 74.4 111.6
89 84.8 66.2 99.2





#52
Acenaphthene
Concen: 44.238 ng
RT: 14.086 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

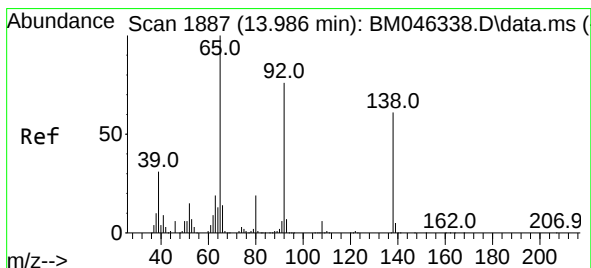
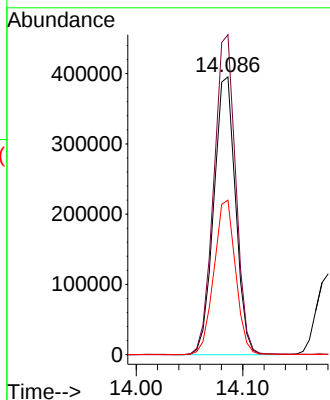
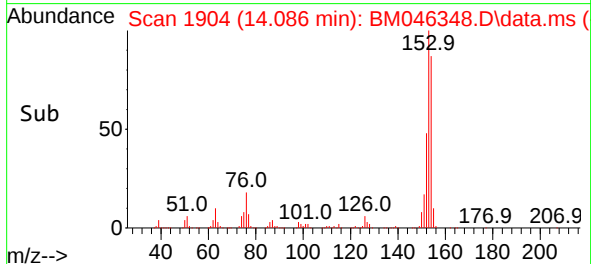
Instrument :
BNA_M
ClientSampleId :
PB161624BS



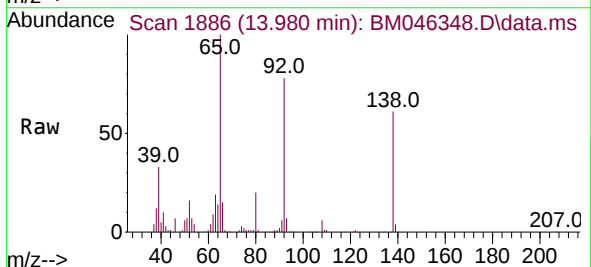
Tgt Ion:154 Resp: 561990
Ion Ratio Lower Upper
154 100
153 115.2 92.0 138.0
152 55.6 44.4 66.6

Manual Integrations
APPROVED

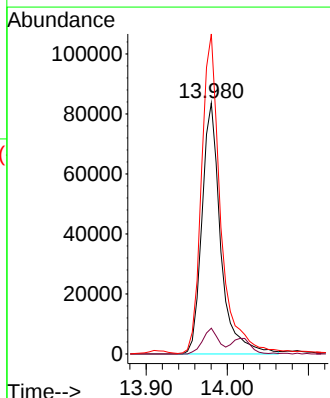
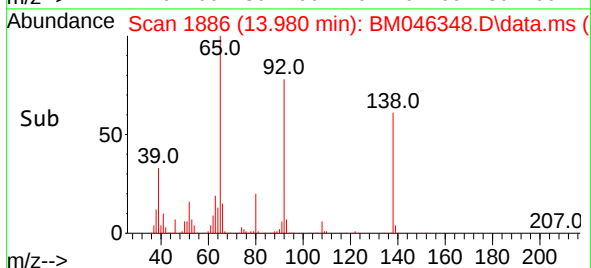
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

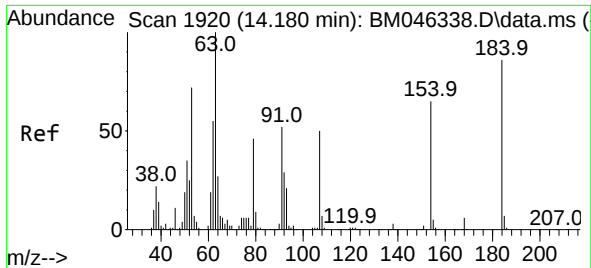


#53
3-Nitroaniline
Concen: 35.645 ng
RT: 13.980 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:138 Resp: 133746
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.0
92 127.5 99.3 148.9





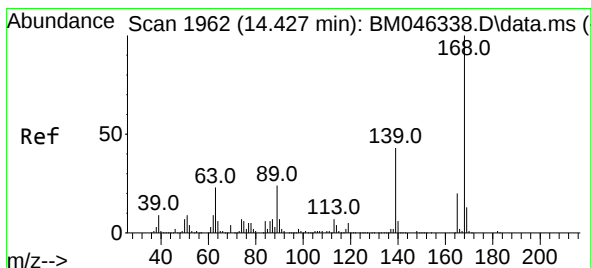
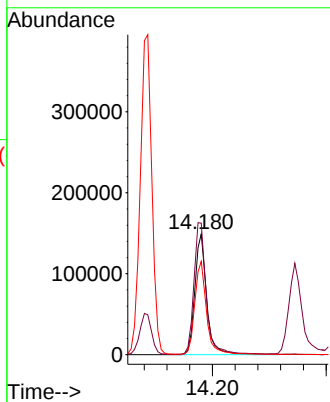
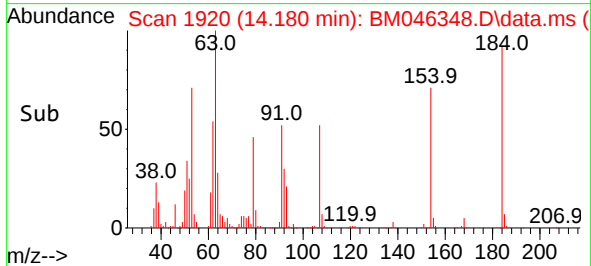
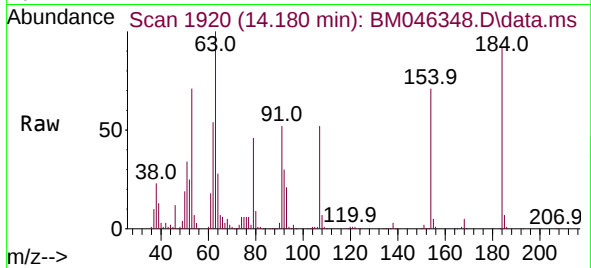
#54
2,4-Dinitrophenol
Concen: 97.834 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :
BNA_M
ClientSampleId :
PB161624BS

Tgt Ion:184 Resp: 217124
Ion Ratio Lower Upper
184 100
63 109.0 93.5 140.3
154 77.2 61.2 91.8

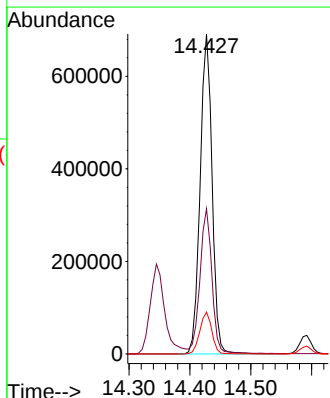
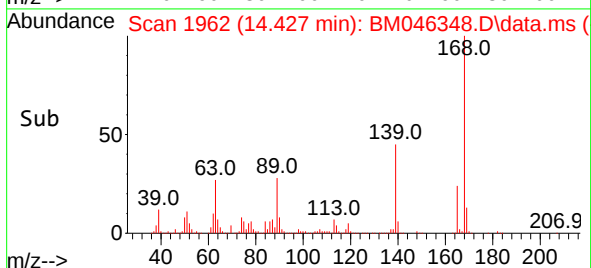
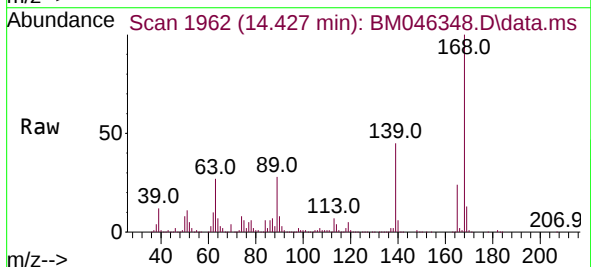
Manual Integrations
APPROVED

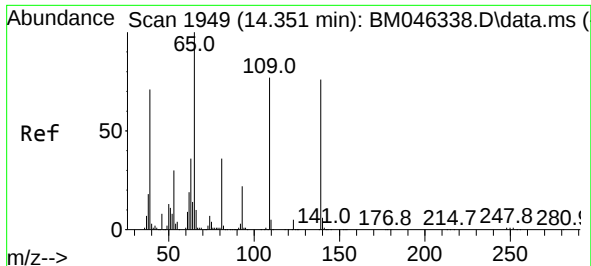
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#55
Dibenzofuran
Concen: 46.331 ng
RT: 14.427 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:168 Resp: 943124
Ion Ratio Lower Upper
168 100
139 45.4 35.4 53.2
169 13.1 10.7 16.1





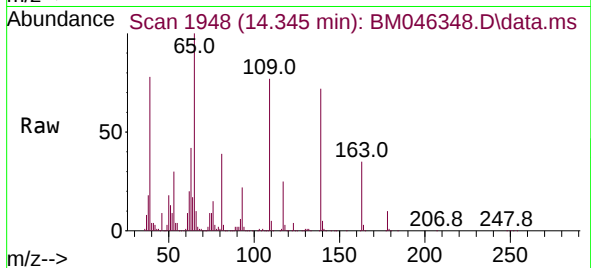
#56
4-Nitrophenol
Concen: 103.682 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS



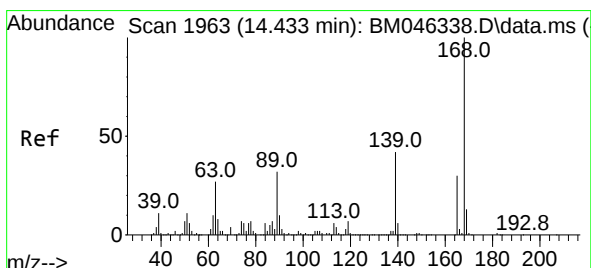
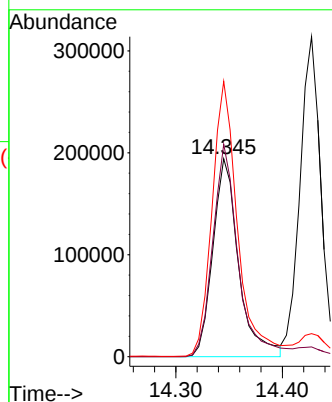
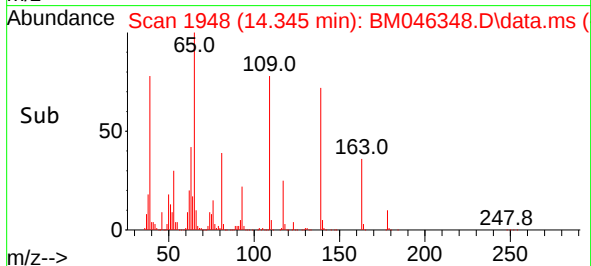
Tgt Ion:139 Resp: 325829
Ion Ratio Lower Upper
139 100
109 107.3 82.0 122.0
65 139.1 112.0 152.0

Manual Integrations

APPROVED

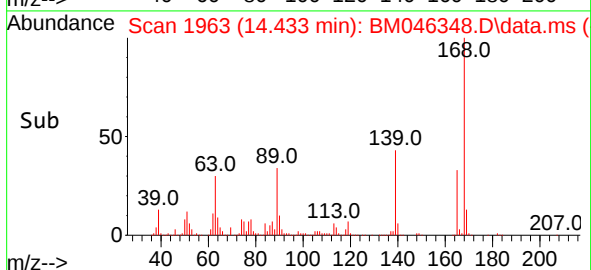
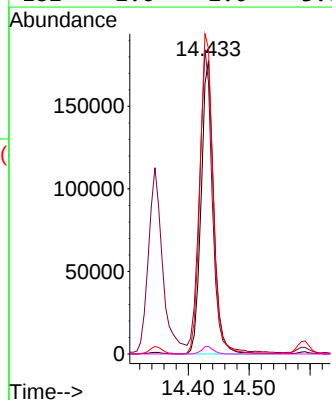
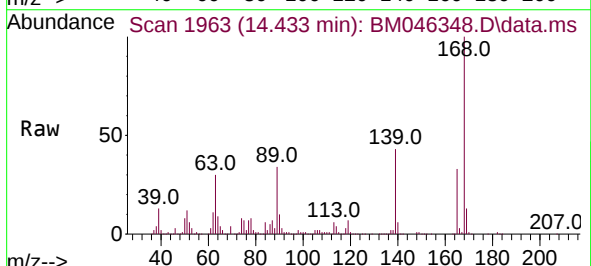
Reviewed By :Yogesh Patel 06/29/2024

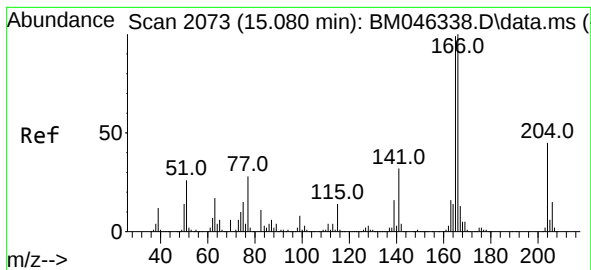
Supervised By :mohammad ahmed 06/29/2024



#57
2,4-Dinitrotoluene
Concen: 47.616 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:165 Resp: 255905
Ion Ratio Lower Upper
165 100
63 92.5 74.2 111.2
89 104.1 86.1 129.1
182 2.6 2.0 3.0





#58
Fluorene
Concen: 45.907 ng
RT: 15.074 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

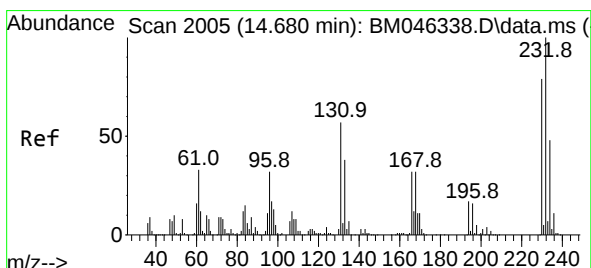
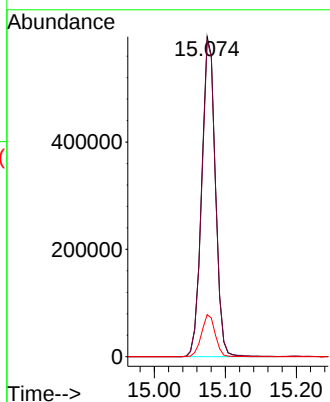
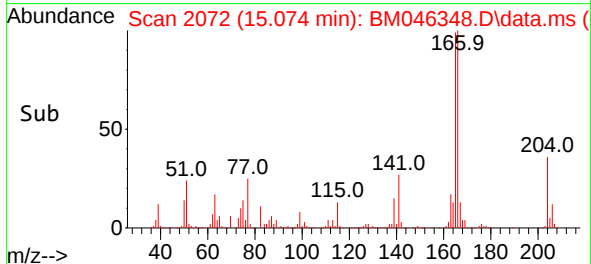
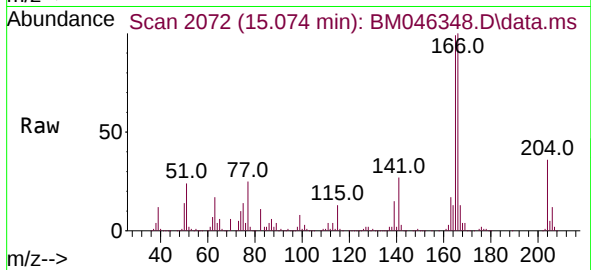
ClientSampleId :

PB161624BS

Tgt Ion:166 Resp: 79933
Ion Ratio Lower Upper
166 100
165 98.9 79.4 119.0
167 13.1 10.7 16.1

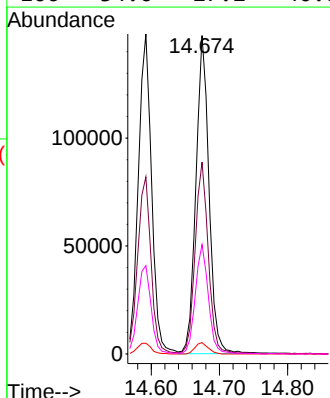
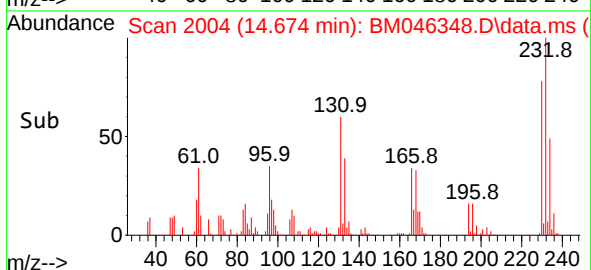
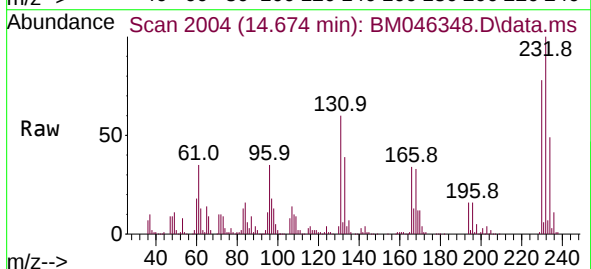
Manual Integrations
APPROVED

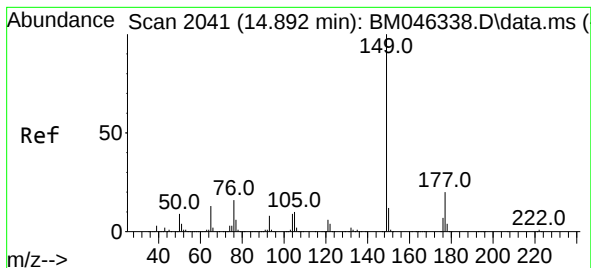
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 49.849 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:232 Resp: 195697
Ion Ratio Lower Upper
232 100
131 60.6 48.3 72.5
130 3.6 2.7 4.1
166 34.6 27.2 40.8





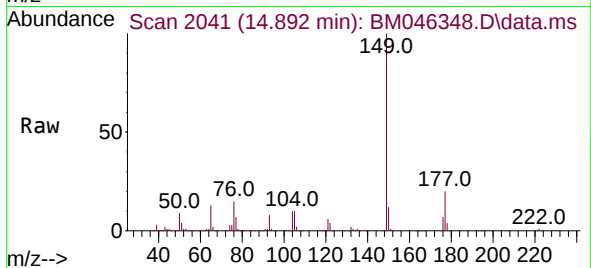
#60
Diethylphthalate
Concen: 47.339 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS



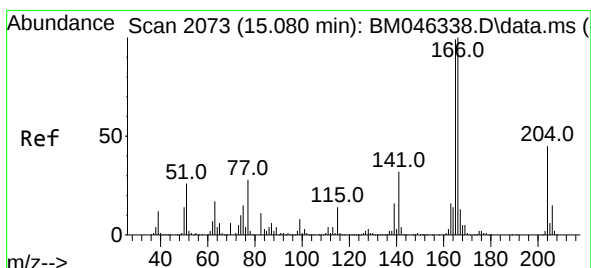
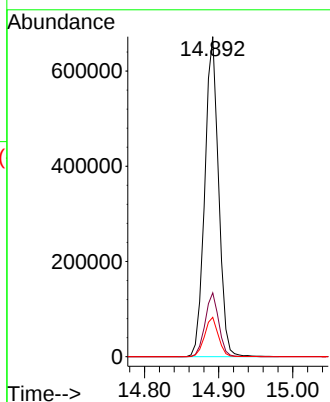
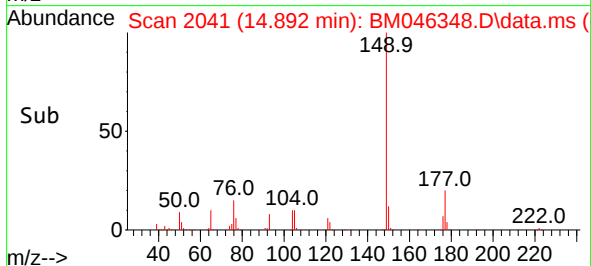
Tgt Ion:149 Resp: 868433
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.8
150 12.3 9.9 14.9

Manual Integrations

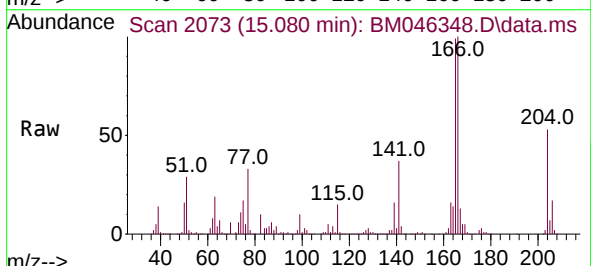
APPROVED

Reviewed By :Yogesh Patel 06/29/2024

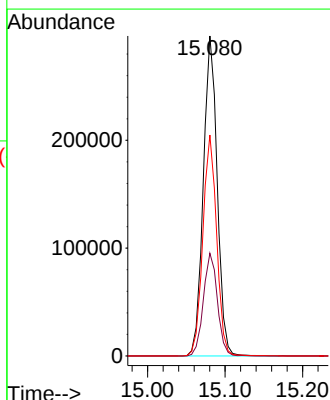
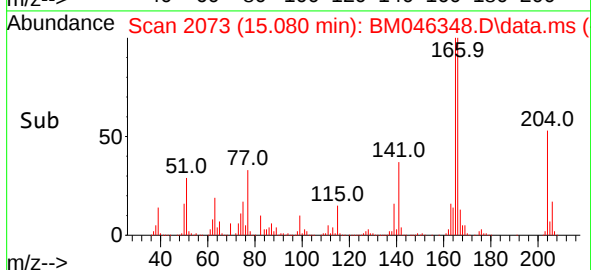
Supervised By :mohammad ahmed 06/29/2024

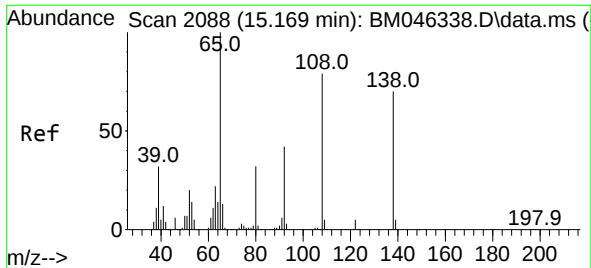


#61
4-Chlorophenyl-phenylether
Concen: 45.584 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:204 Resp: 369453
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 69.0 57.4 86.2





#62
4-Nitroaniline
Concen: 48.285 ng
RT: 15.163 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

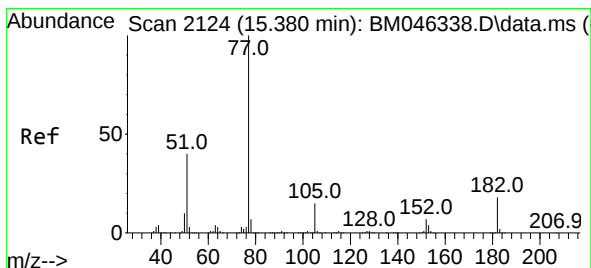
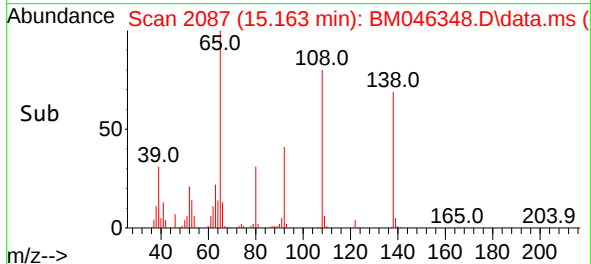
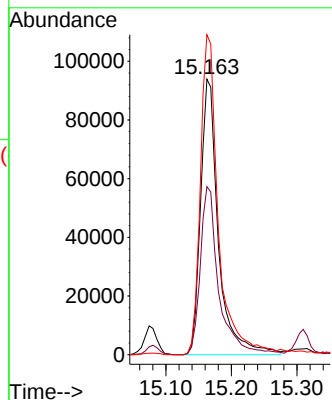
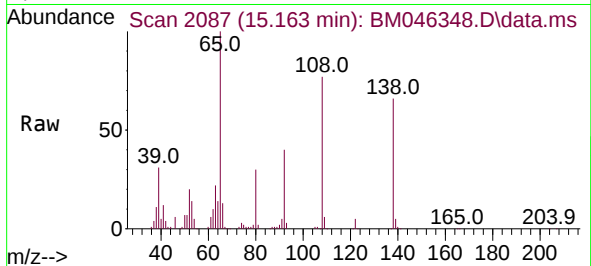
ClientSampleId :

PB161624BS

Tgt Ion:138 Resp: 177790
Ion Ratio Lower Upper
138 100
92 60.9 39.5 79.5
108 116.1 91.6 131.6

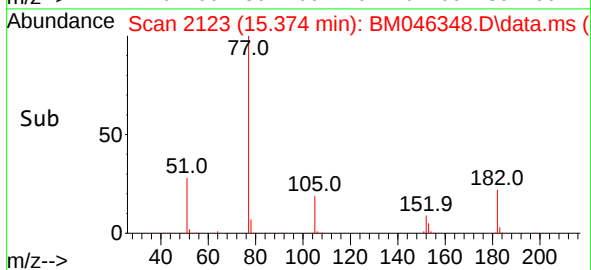
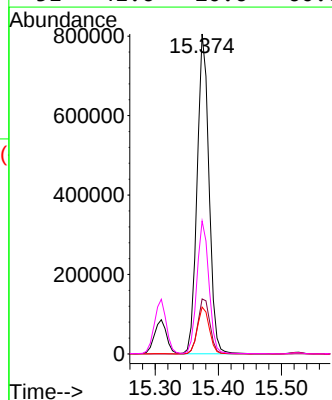
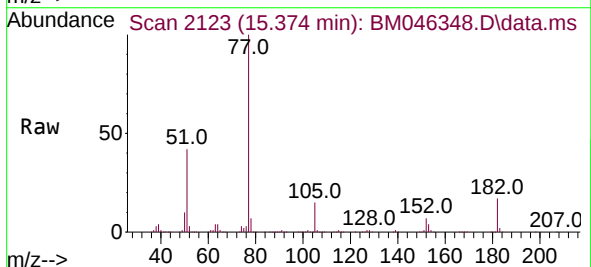
Manual Integrations
APPROVED

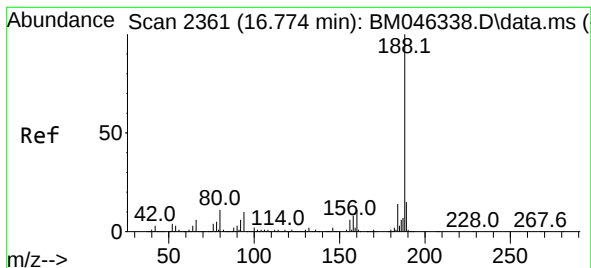
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#63
Azobenzene
Concen: 47.938 ng
RT: 15.374 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 77 Resp: 1047970
Ion Ratio Lower Upper
77 100
182 17.2 0.0 37.9
105 14.6 0.0 35.1
51 41.6 20.6 60.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

Tgt Ion:188 Resp: 48941

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

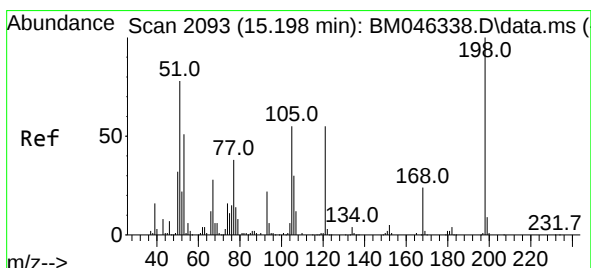
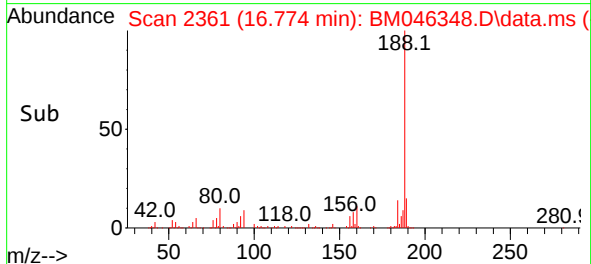
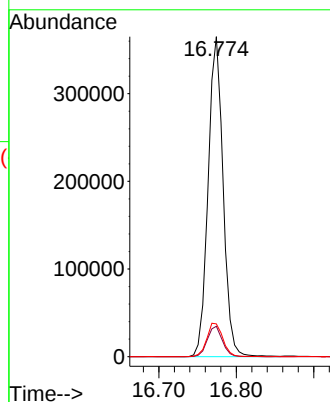
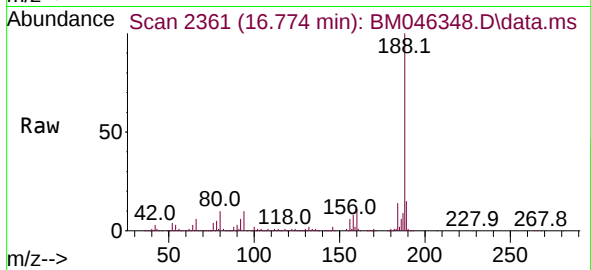
80 10.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 44.347 ng

RT: 15.198 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

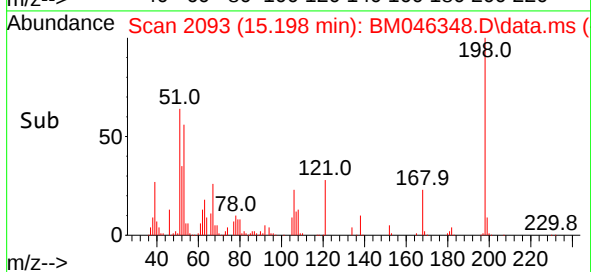
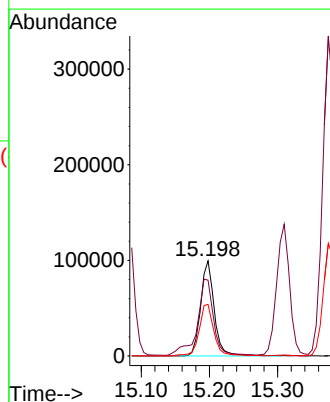
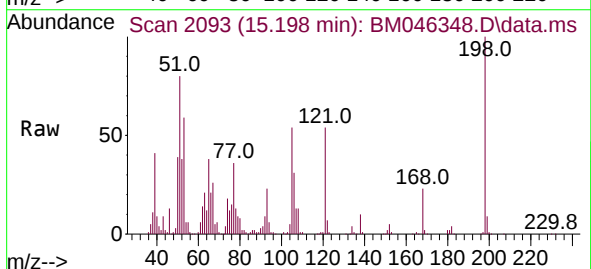
Tgt Ion:198 Resp: 137136

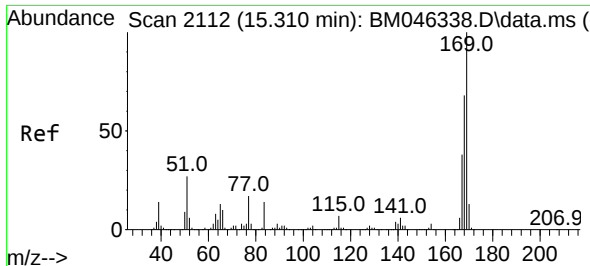
Ion Ratio Lower Upper

198 100

51 79.8 65.1 105.1

105 54.3 36.0 76.0





#66
n-Nitrosodiphenylamine
Concen: 46.030 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

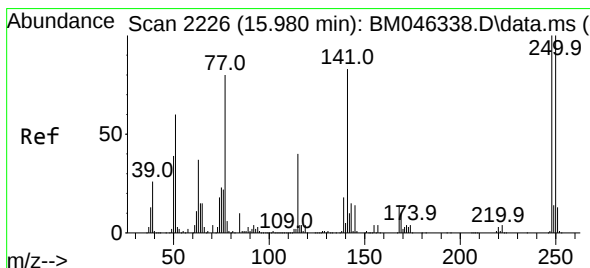
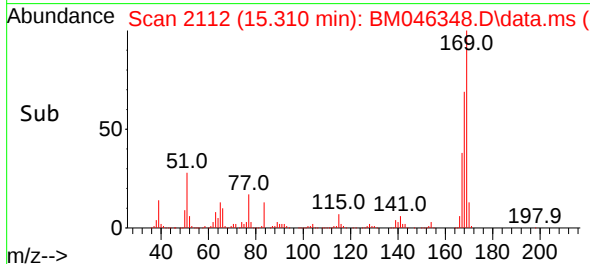
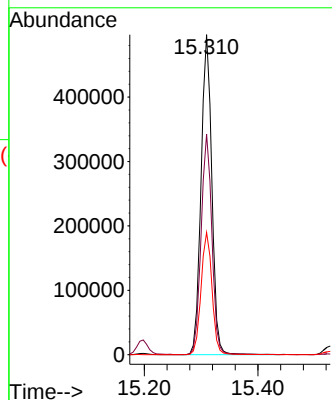
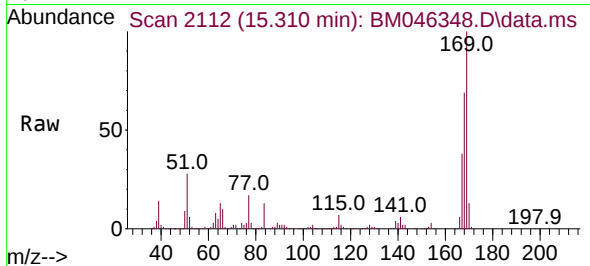
ClientSampleId :

PB161624BS

Tgt Ion:169 Resp: 65433
Ion Ratio Lower Upper
169 100
168 69.0 54.2 81.4
167 38.2 30.2 45.2

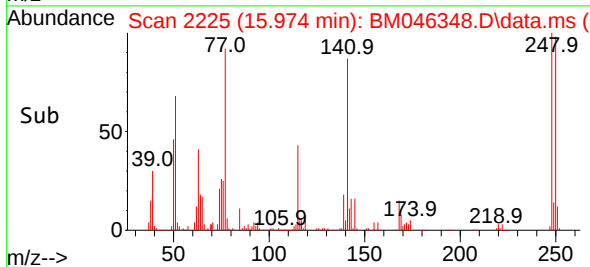
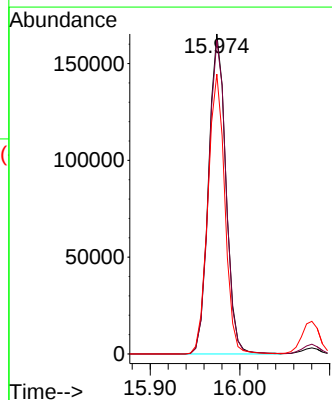
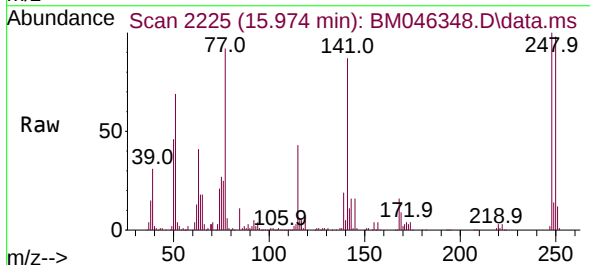
Manual Integrations
APPROVED

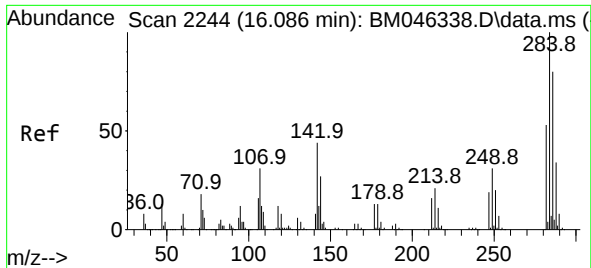
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#67
4-Bromophenyl-phenylether
Concen: 44.199 ng
RT: 15.974 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:248 Resp: 220872
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.6
141 87.5 66.2 99.2





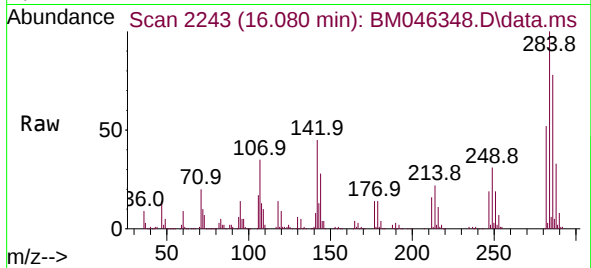
#68
Hexachlorobenzene
Concen: 43.414 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

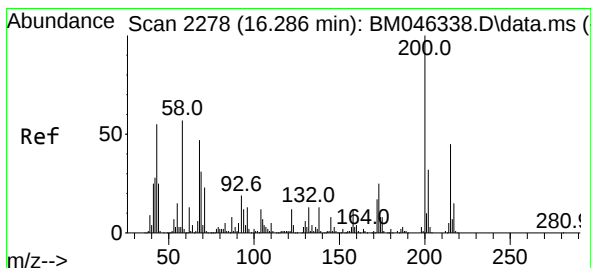
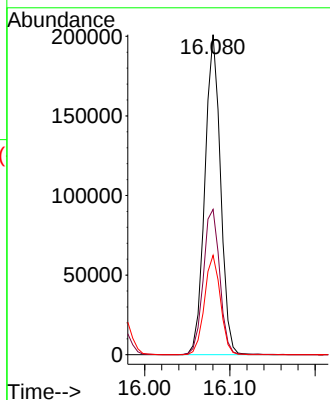
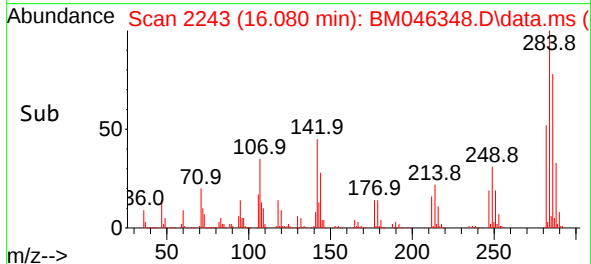


Tgt Ion:284 Resp: 256144
Ion Ratio Lower Upper
284 100
142 45.4 34.8 52.2
249 31.1 24.5 36.7

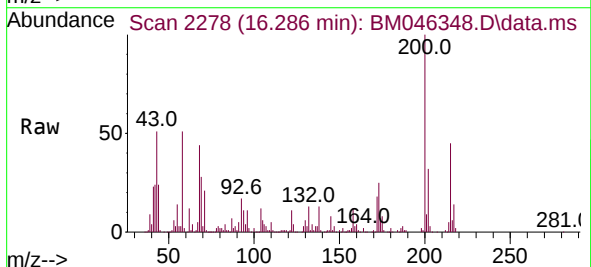
Manual Integrations

APPROVED

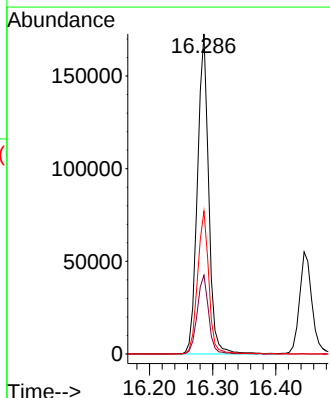
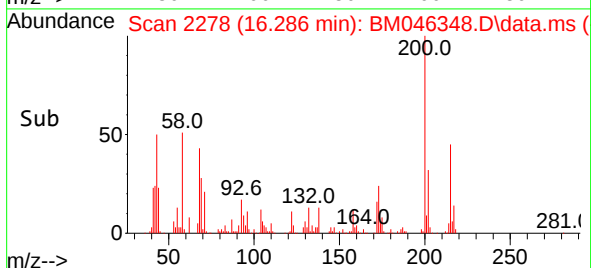
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

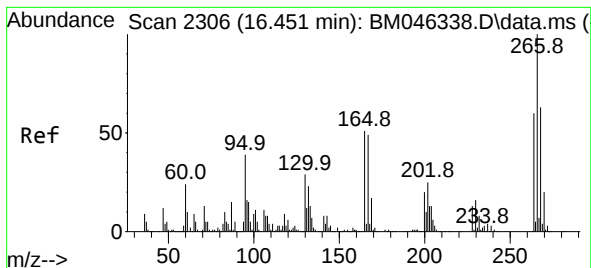


#69
Atrazine
Concen: 54.466 ng
RT: 16.286 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:200 Resp: 214020
Ion Ratio Lower Upper
200 100
173 24.6 4.9 44.9
215 44.6 25.0 65.0





#70

Pentachlorophenol

Concen: 102.261 ng

RT: 16.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046348.D

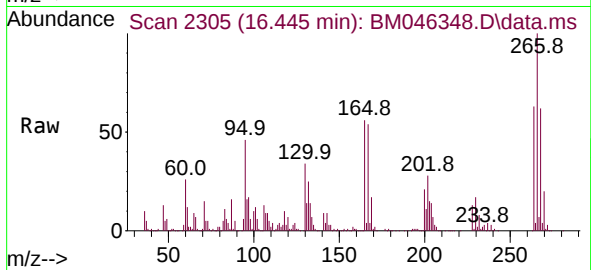
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS



Tgt Ion:266 Resp: 37948

Ion Ratio Lower Upper

266 100

268 62.3 50.3 75.5

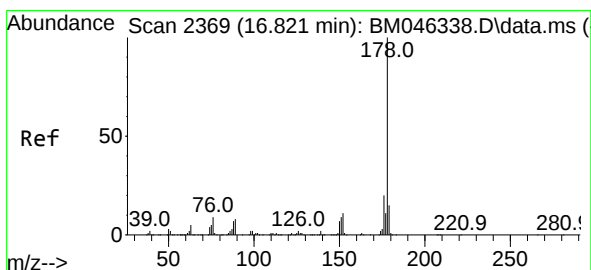
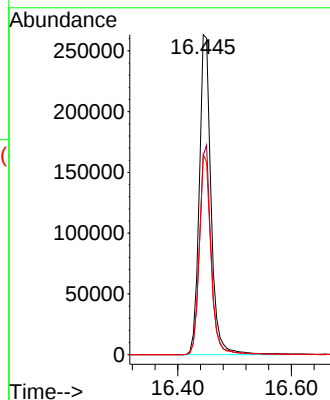
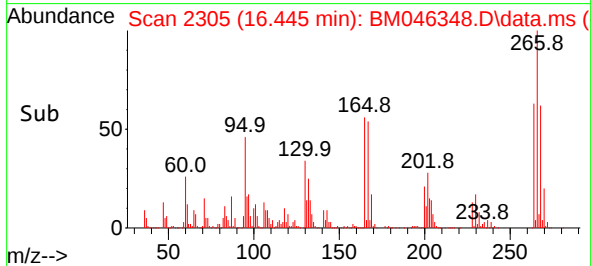
264 62.6 48.4 72.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#71

Phenanthrene

Concen: 46.995 ng

RT: 16.815 min Scan# 2368

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

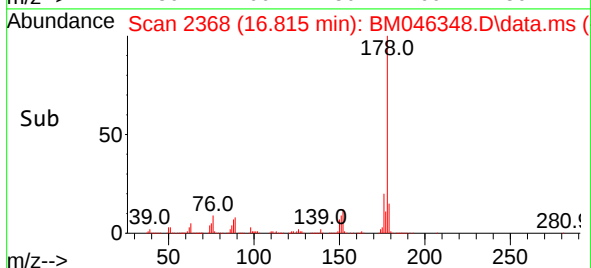
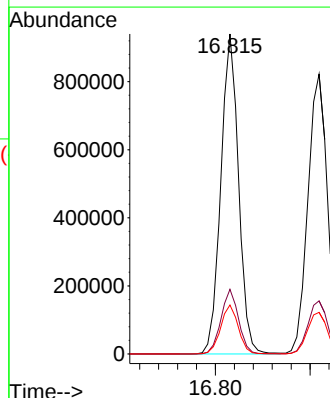
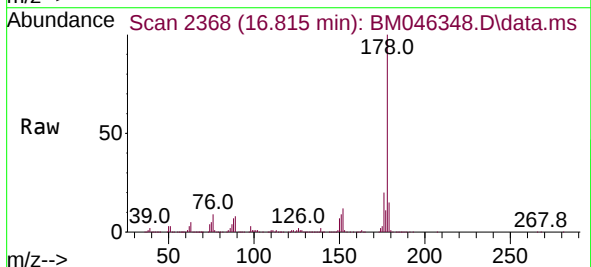
Tgt Ion:178 Resp: 1223909

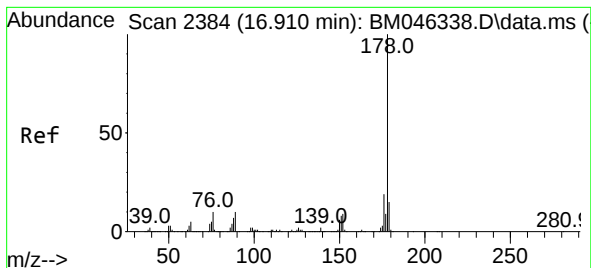
Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.3 12.2 18.4





#72

Anthracene

Concen: 48.053 ng

RT: 16.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046348.D

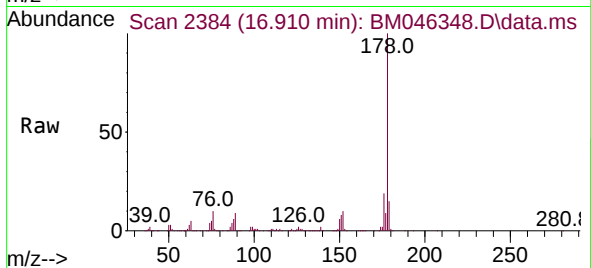
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS



Tgt Ion:178 Resp: 121730

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

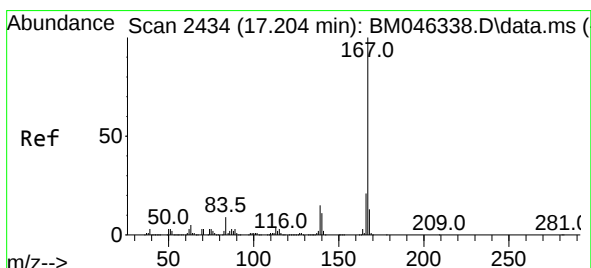
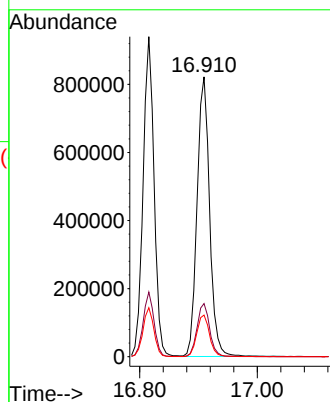
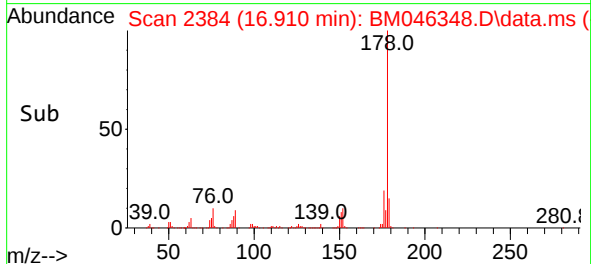
179 14.9 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#73

Carbazole

Concen: 48.061 ng

RT: 17.204 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

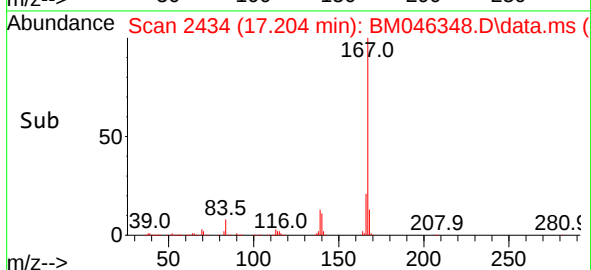
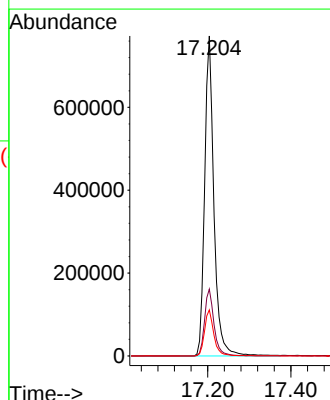
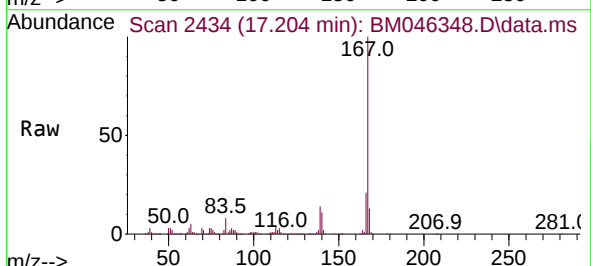
Tgt Ion:167 Resp: 1198810

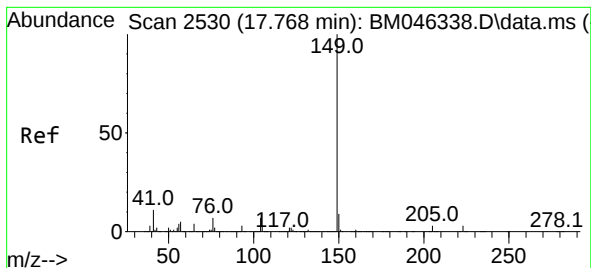
Ion Ratio Lower Upper

167 100

166 20.9 17.1 25.7

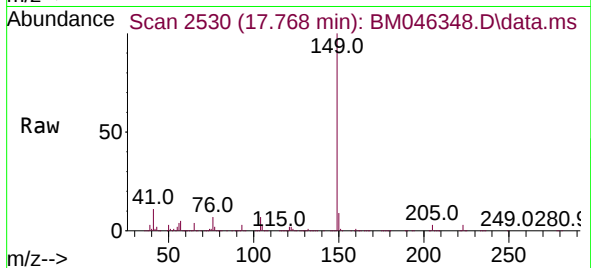
139 14.4 11.8 17.6





#74
Di-n-butylphthalate
Concen: 46.901 ng
RT: 17.768 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

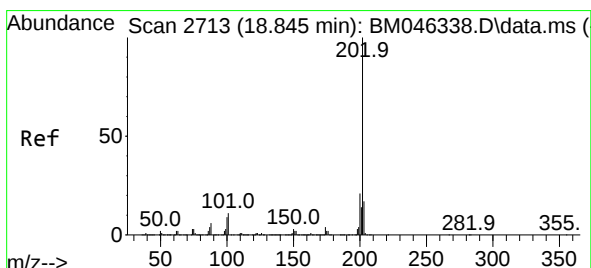
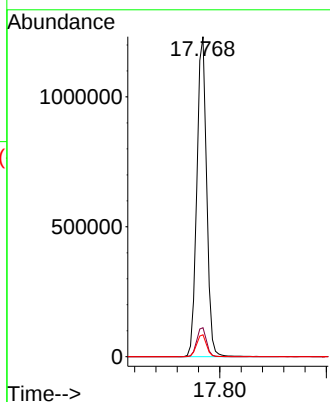
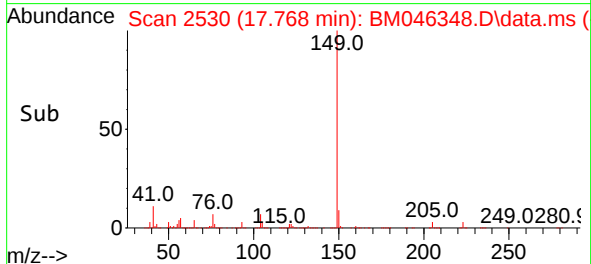
Instrument :
BNA_M
ClientSampleId :
PB161624BS



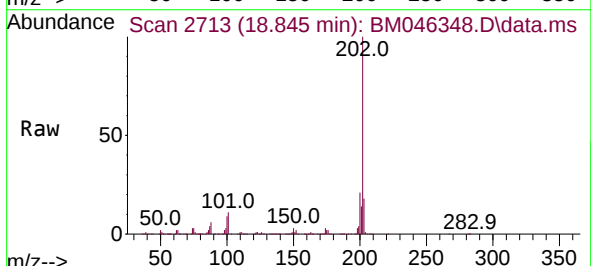
Tgt Ion:149 Resp: 157181
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 6.8 5.4 8.2

Manual Integrations
APPROVED

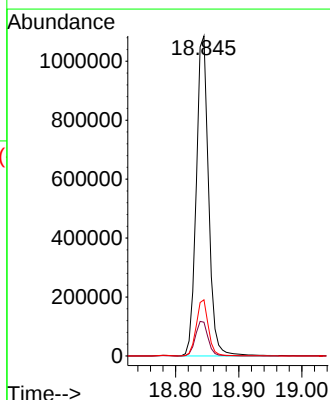
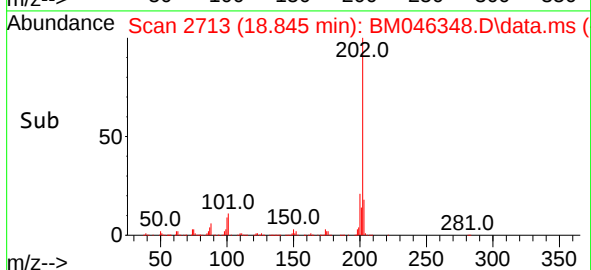
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

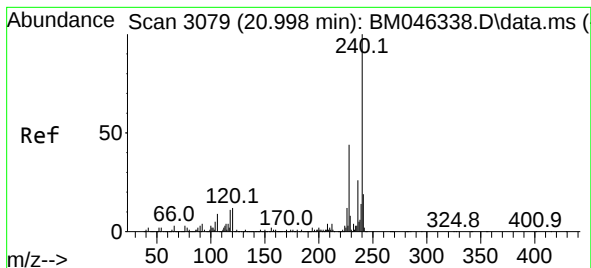


#75
Fluoranthene
Concen: 47.648 ng
RT: 18.845 min Scan# 2713
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:202 Resp: 1466339
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.6 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.997 min Scan# 3079

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

Tgt Ion:240 Resp: 52795

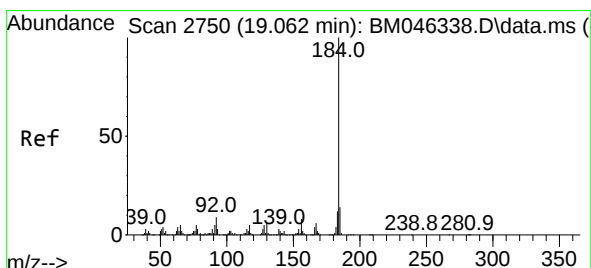
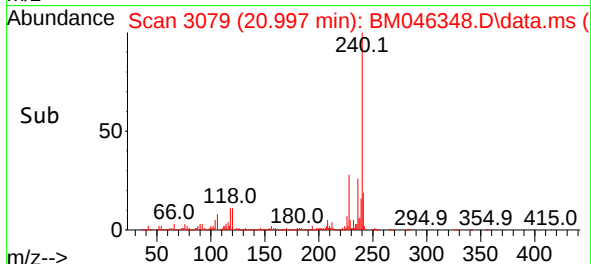
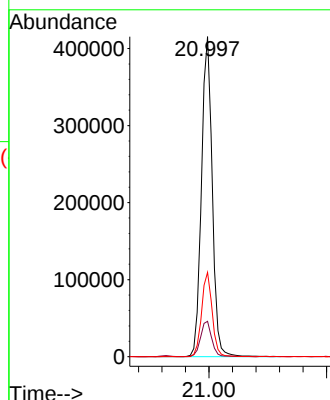
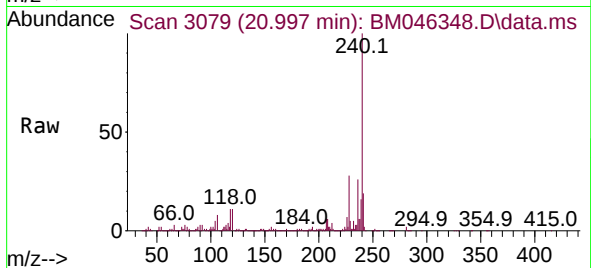
Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.3	13.9
236	26.4	20.5	30.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#77

Benzidine

Concen: 45.045 ng

RT: 19.068 min Scan# 2751

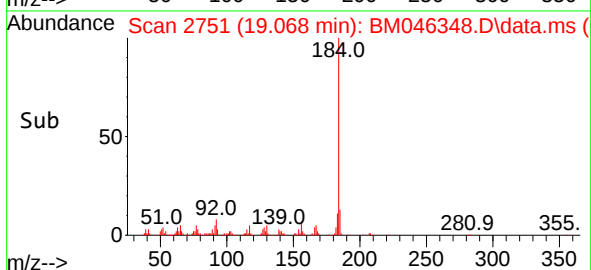
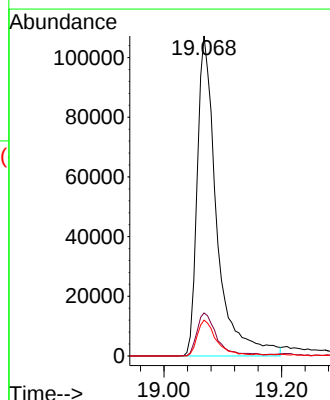
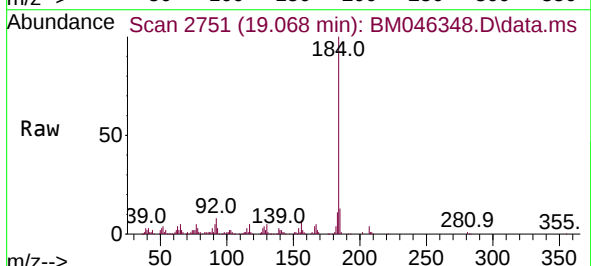
Delta R.T. 0.006 min

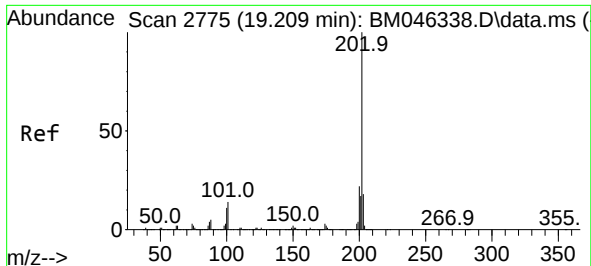
Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Tgt Ion:184 Resp: 246753

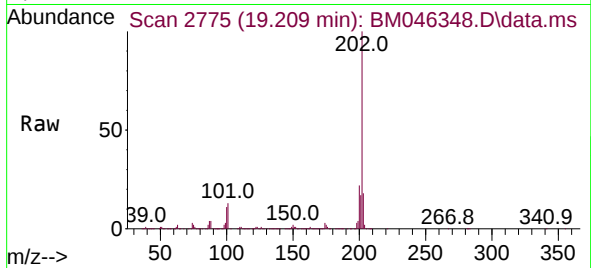
Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.1	16.7
183	11.2	9.4	14.2





#78
 Pyrene
 Concen: 41.978 ng
 RT: 19.209 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

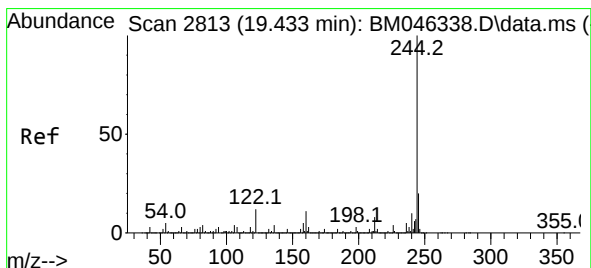
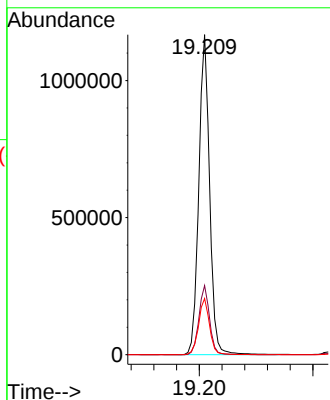
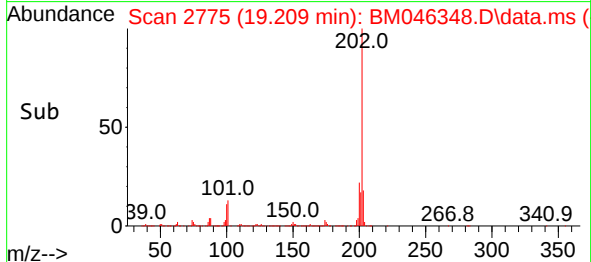
Instrument :
 BNA_M
 ClientSampleId :
 PB161624BS



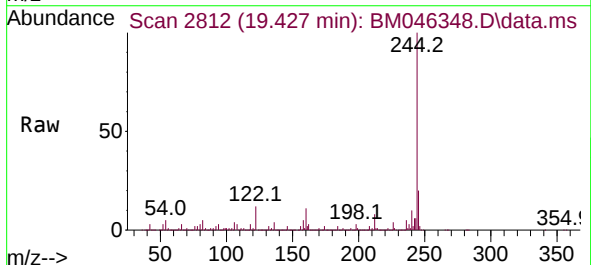
Tgt Ion:202 Resp: 153946
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.3 25.9
 203 17.6 14.3 21.5

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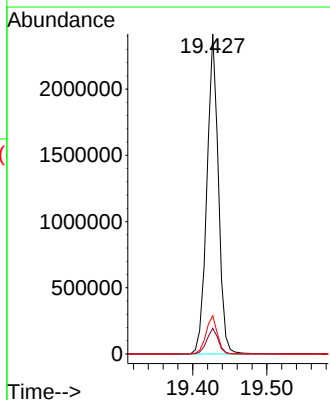
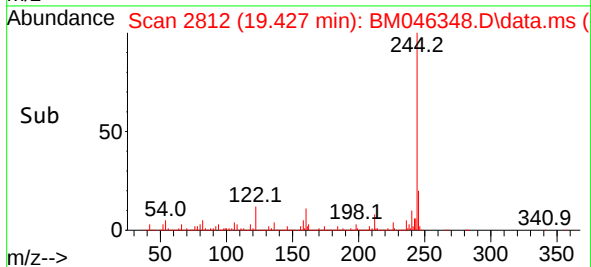
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

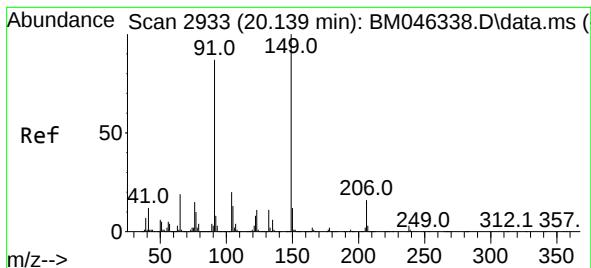


#79
 Terphenyl-d14
 Concen: 81.369 ng
 RT: 19.427 min Scan# 2812
 Delta R.T. -0.006 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57



Tgt Ion:244 Resp: 2596536
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.9 9.4 14.0





#80

Butylbenzylphthalate

Concen: 46.954 ng

RT: 20.139 min Scan# 2933

Delta R.T. -0.000 min

Lab File: BM046348.D

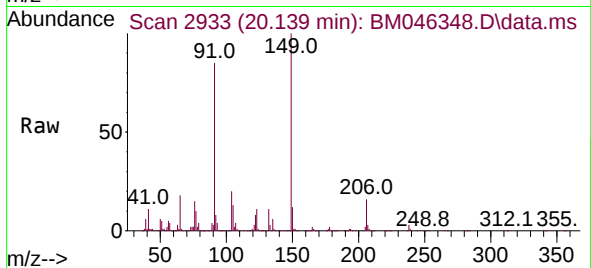
Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS



Tgt Ion:149 Resp: 810190

Ion Ratio Lower Upper

149 100

91 85.3 69.5 104.3

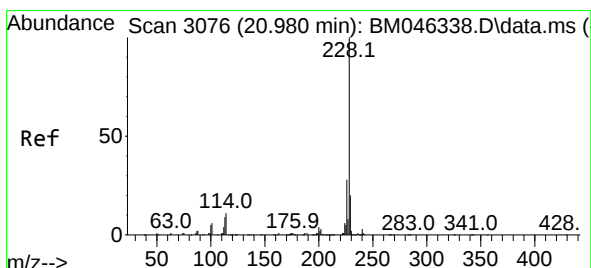
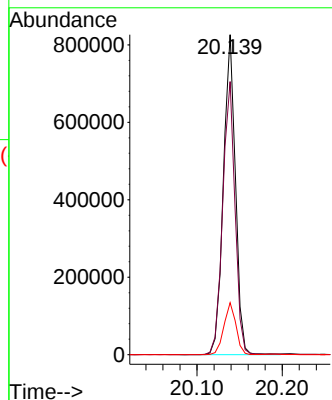
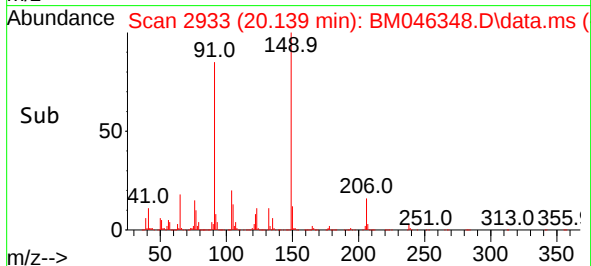
206 16.3 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#81

Benzo(a)anthracene

Concen: 47.260 ng

RT: 20.980 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

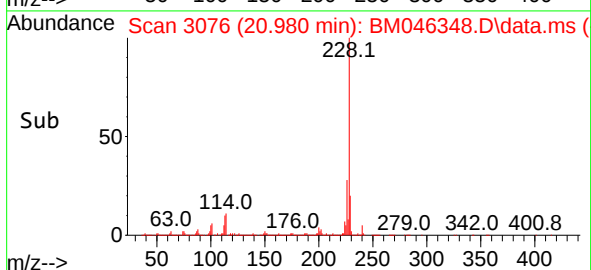
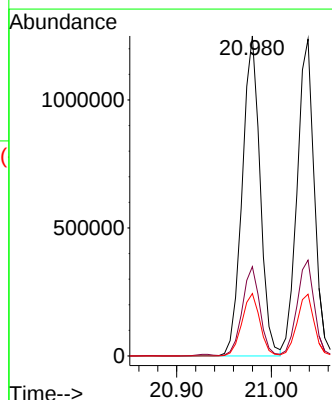
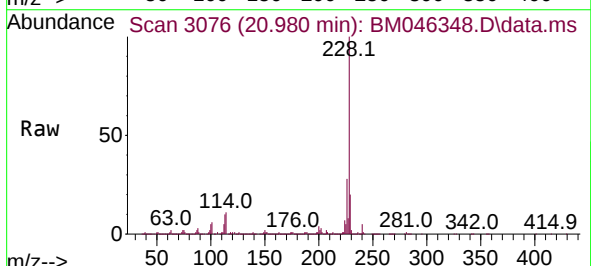
Tgt Ion:228 Resp: 1636781

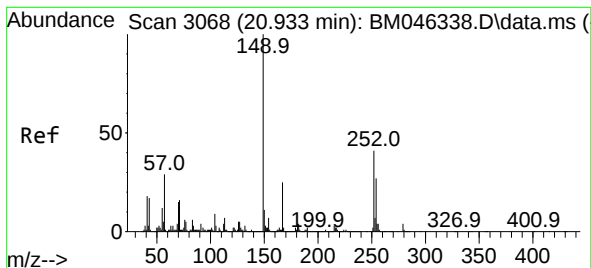
Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

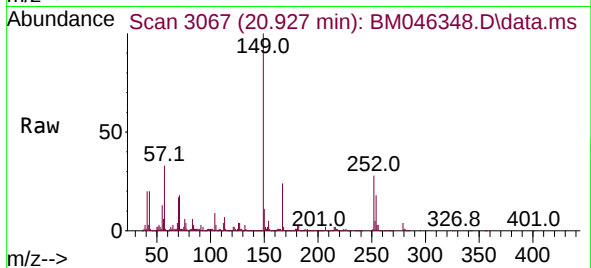
229 19.5 15.9 23.9





#82
3,3'-Dichlorobenzidine
Concen: 42.546 ng
RT: 20.927 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

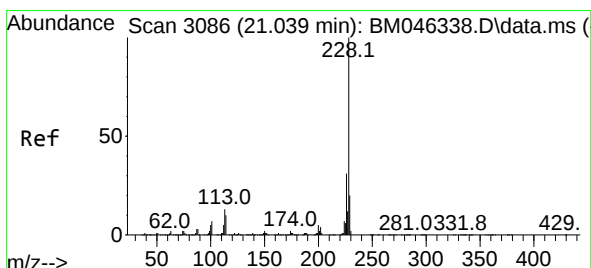
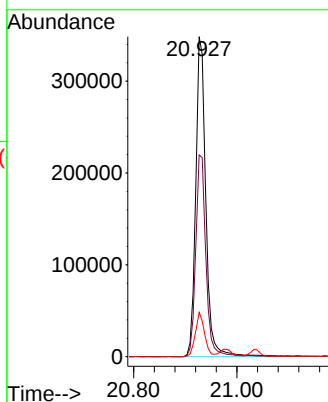
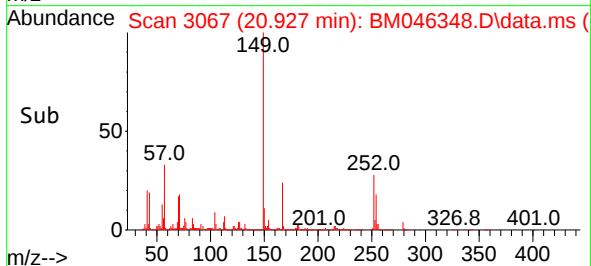
Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion:252 Resp: 47264
Ion Ratio Lower Upper
252 100
254 63.1 52.6 79.0
126 13.8 10.2 15.4

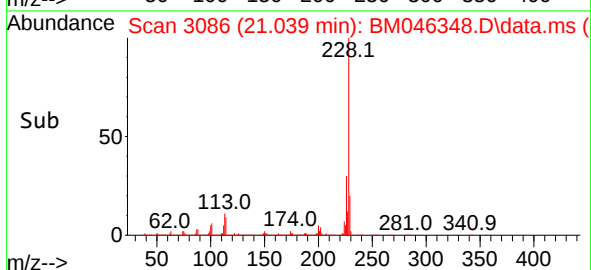
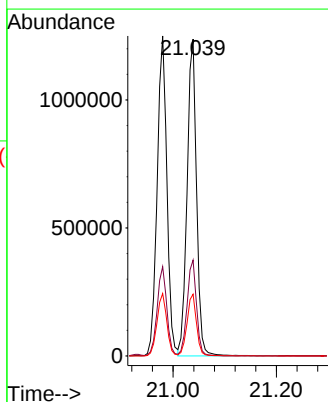
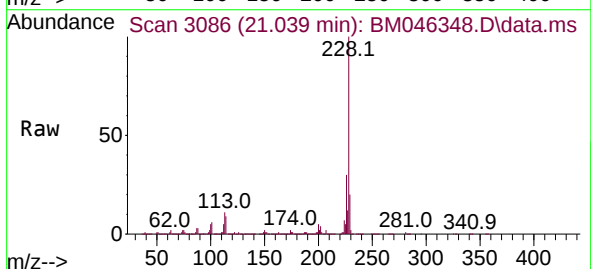
Manual Integrations
APPROVED

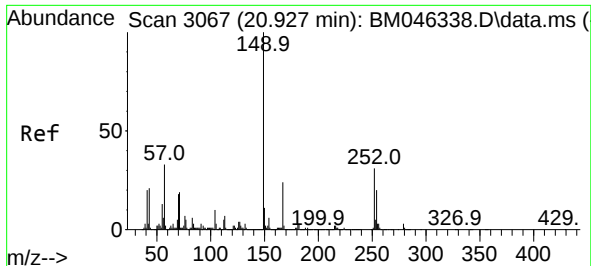
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#83
Chrysene
Concen: 47.427 ng
RT: 21.039 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

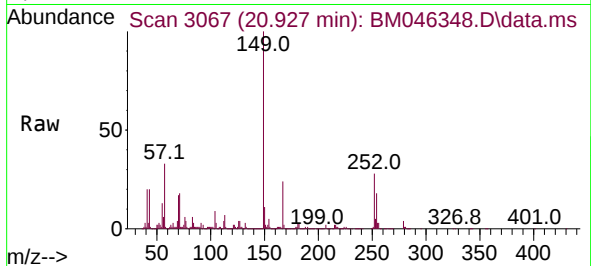
Tgt Ion:228 Resp: 1570921
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 19.5 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 43.482 ng
RT: 20.927 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

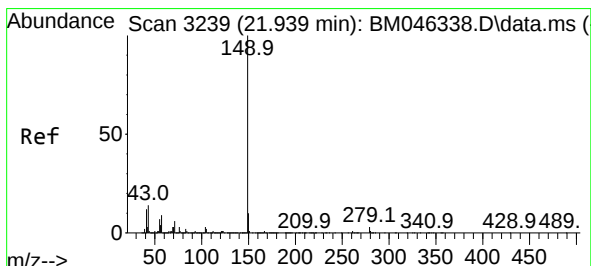
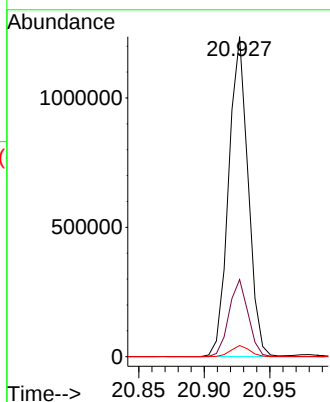
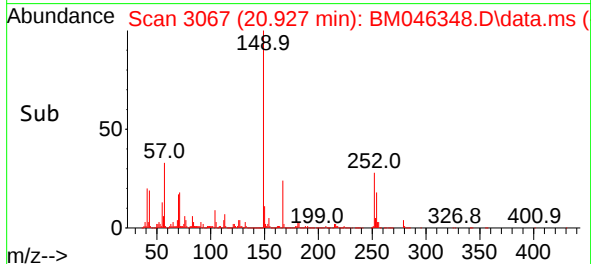
Instrument :
BNA_M
ClientSampleId :
PB161624BS



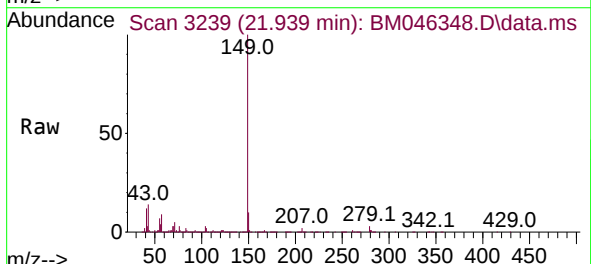
Tgt Ion:149 Resp: 1274540
Ion Ratio Lower Upper
149 100
167 24.1 19.6 29.4
279 3.5 2.6 4.0

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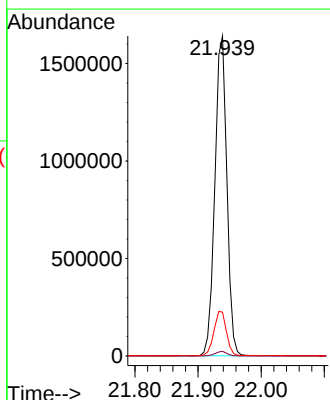
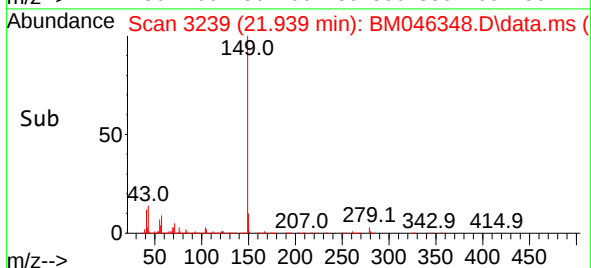
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

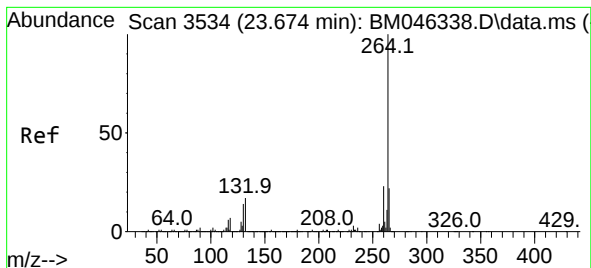


#85
Di-n-octyl phthalate
Concen: 49.634 ng
RT: 21.939 min Scan# 3239
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:149 Resp: 2165093
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 14.4 11.6 17.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.668 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

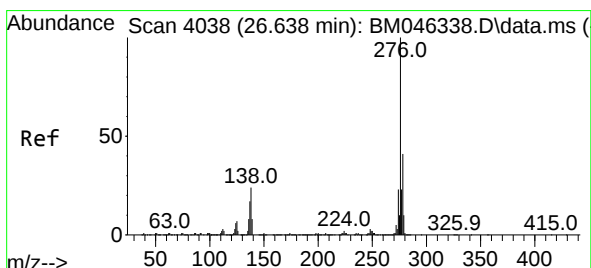
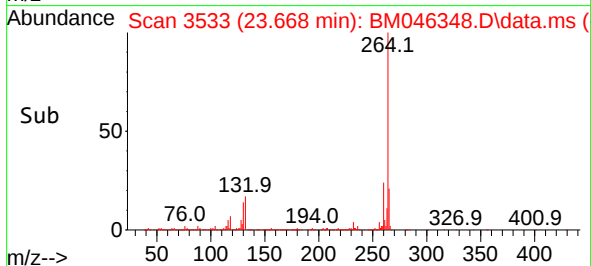
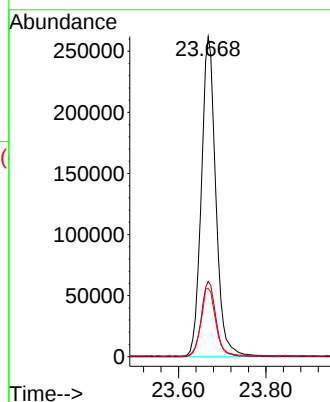
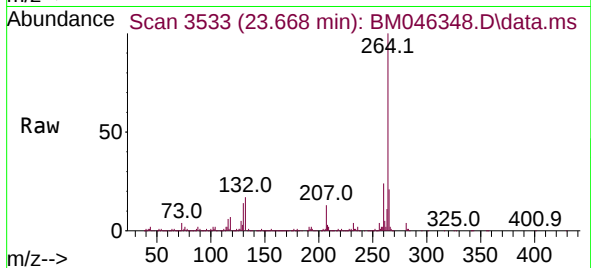
PB161624BS

Tgt Ion:264 Resp: 60465

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.3	17.7	26.5

Manual Integrations
APPROVED

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



#87

Indeno(1,2,3-cd)pyrene

Concen: 53.233 ng

RT: 26.627 min Scan# 4036

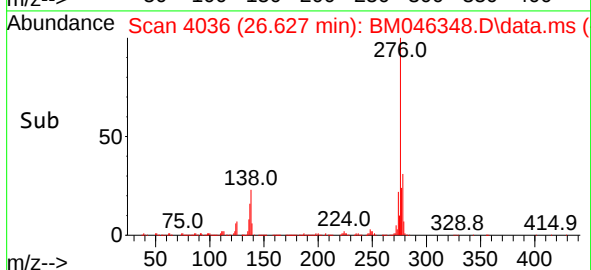
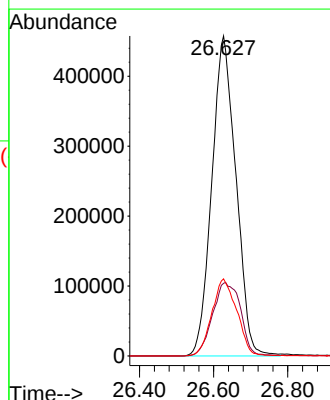
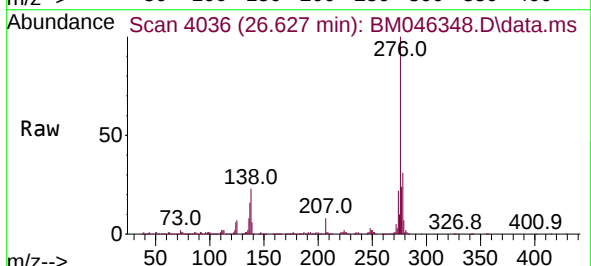
Delta R.T. -0.012 min

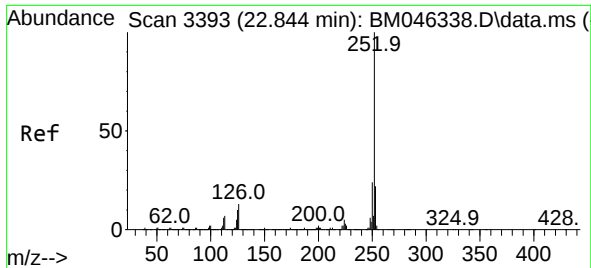
Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Tgt Ion:276 Resp: 2064422

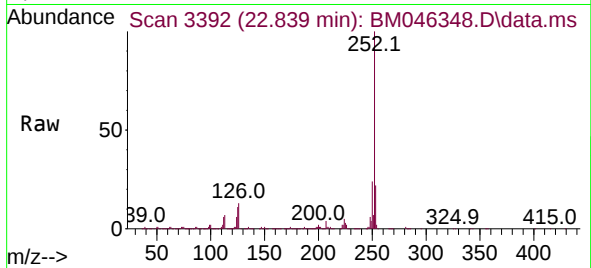
Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.4	32.2
277	24.9	19.8	29.8





#88
Benzo(b)fluoranthene
Concen: 49.201 ng
RT: 22.839 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

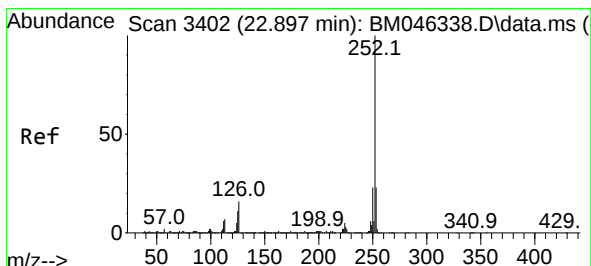
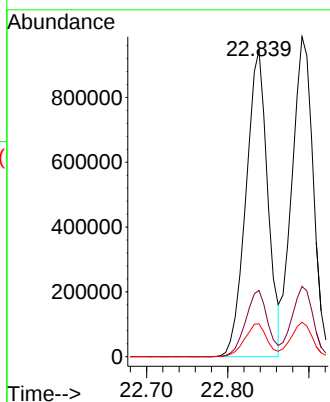
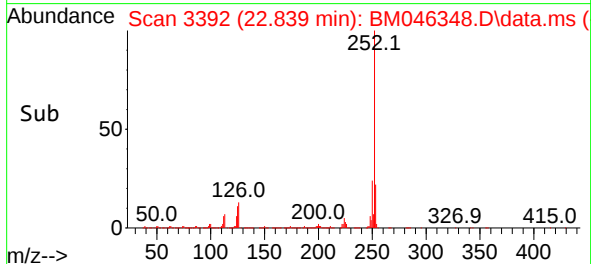
Instrument :
BNA_M
ClientSampleId :
PB161624BS



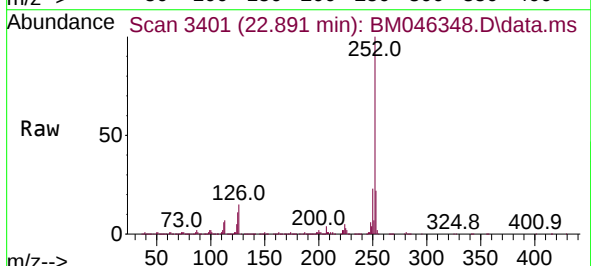
Tgt Ion:252 Resp: 1762070
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.7 8.4 12.6

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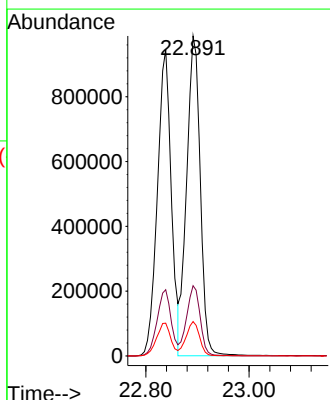
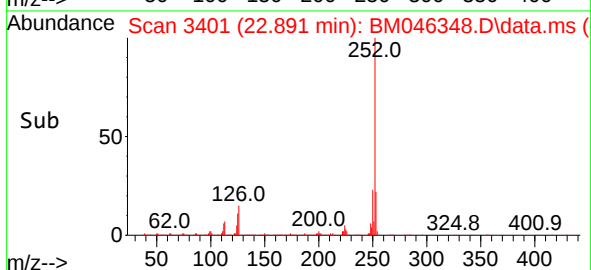
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

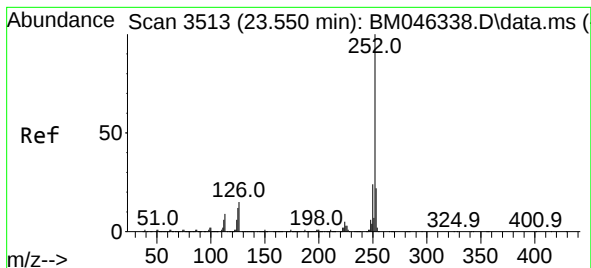


#89
Benzo(k)fluoranthene
Concen: 50.744 ng
RT: 22.891 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:252 Resp: 1807808
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.8 8.9 13.3





#90

Benzo(a)pyrene

Concen: 52.757 ng

RT: 23.544 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

Tgt Ion:252 Resp: 1659540

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

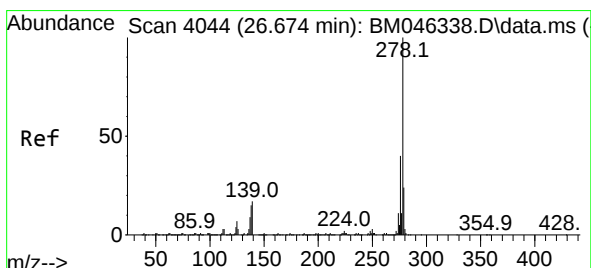
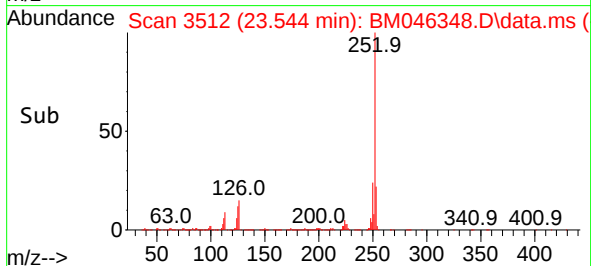
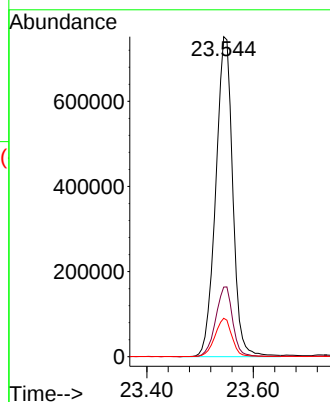
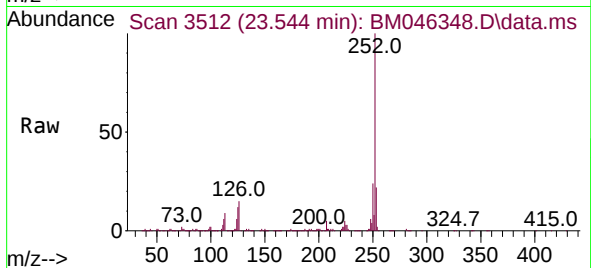
125 12.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#91

Dibenzo(a,h)anthracene

Concen: 53.118 ng

RT: 26.668 min Scan# 4043

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

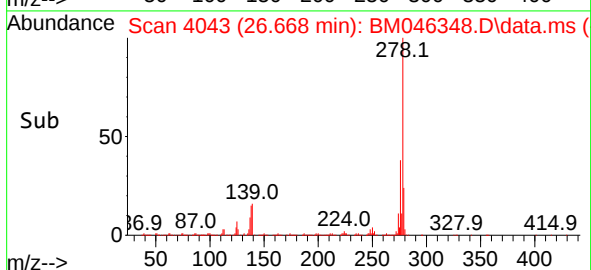
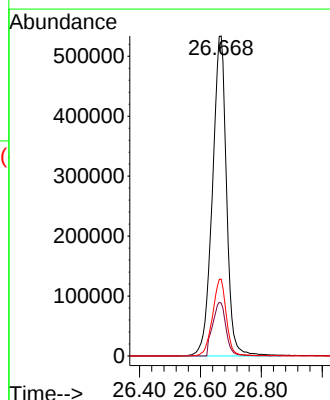
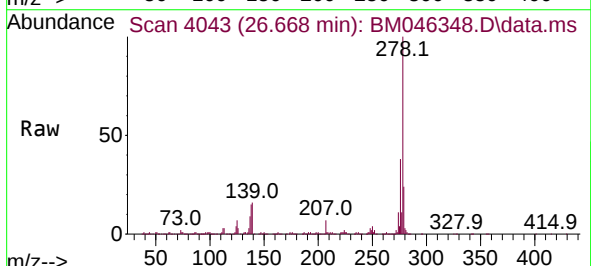
Tgt Ion:278 Resp: 1720035

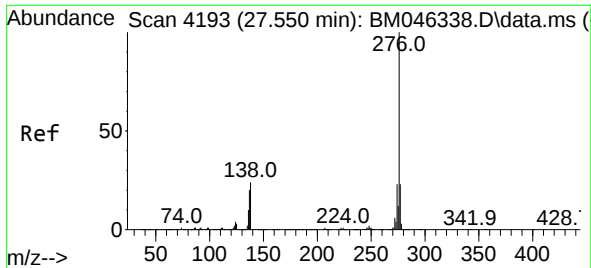
Ion Ratio Lower Upper

278 100

139 16.5 13.7 20.5

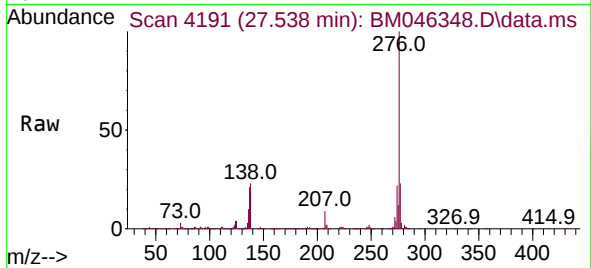
279 24.1 19.3 28.9





#92
Benzo(g,h,i)perylene
Concen: 49.783 ng
RT: 27.538 min Scan# 4191
Delta R.T. -0.012 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :
BNA_M
ClientSampleId :
PB161624BS



Tgt Ion:276 Resp: 1596722
Ion Ratio Lower Upper
276 100
277 23.1 18.5 27.7
138 22.9 19.0 28.4

Manual Integrations
APPROVED

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

