

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035610.D
 Acq On : 22 Jun 2022 21:07
 Operator : CG/JU
 Sample : N3426-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B2201-35MS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/23/2022
 Supervised By : Jagrut Upadhyay 06/23/2022

Quant Time: Jun 23 07:37:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	210938	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	816687	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	440952	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	795693	20.000	ng	# 0.00
76) Chrysene-d12	21.374	240	702319	20.000	ng	0.00
86) Perylene-d12	23.710	264	716053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1468852	118.085	ng	0.00
7) Phenol-d6	6.999	99	1804290	104.673	ng	0.00
23) Nitrobenzene-d5	8.963	82	1078876	71.790	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	550320	117.223	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2354452	76.281	ng	0.00
79) Terphenyl-d14	19.816	244	2770633	75.323	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	233698	49.258	ng	# 96
3) Pyridine	3.693	79	587389	44.268	ng	96
4) n-Nitrosodimethylamine	3.605	42	273070	44.586	ng	# 66
6) Aniline	7.134	93	565266	30.339	ng	98
8) 2-Chlorophenol	7.375	128	723039	50.636	ng	95
9) Benzaldehyde	6.946	77	404350	46.727	ng	92
10) Phenol	7.028	94	813946	48.608	ng	91
11) bis(2-Chloroethyl)ether	7.228	93	645312	48.079	ng	96
12) 1,3-Dichlorobenzene	7.687	146	784514	51.503	ng	96
13) 1,4-Dichlorobenzene	7.834	146	791392	50.750	ng	98
14) 1,2-Dichlorobenzene	8.152	146	763113	50.138	ng	99
15) Benzyl Alcohol	8.058	79	512466m	44.378	ng	
16) 2,2'-oxybis(1-Chloropr...	8.334	45	930883	39.933	ng	98
17) 2-Methylphenol	8.269	107	550468	47.904	ng	95
18) Hexachloroethane	8.869	117	284292	50.833	ng	97
19) n-Nitroso-di-n-propyla...	8.616	70	452685	41.780	ng	90
20) 3+4-Methylphenols	8.605	107	728876	45.249	ng	95
22) Acetophenone	8.628	105	973899	49.236	ng	# 95
24) Nitrobenzene	9.005	77	677546	49.239	ng	93
25) Isophorone	9.534	82	1221585	49.982	ng	97
26) 2-Nitrophenol	9.716	139	374678	53.205	ng	# 87
27) 2,4-Dimethylphenol	9.793	122	598105	57.959	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	808190	47.526	ng	99
29) 2,4-Dichlorophenol	10.275	162	599387	52.122	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	644440	50.409	ng	97
31) Naphthalene	10.646	128	2065848	50.502	ng	100
32) Benzoic acid	9.993	122	362094	38.594	ng	93
33) 4-Chloroaniline	10.787	127	173837	10.445	ng	95
34) Hexachlorobutadiene	10.928	225	373538	51.919	ng	98
35) Caprolactam	11.575	113	173670	44.555	ng	97
36) 4-Chloro-3-methylphenol	11.928	107	597423	45.824	ng	98
37) 2-Methylnaphthalene	12.257	142	1382733	49.084	ng	96
38) 1-Methylnaphthalene	12.481	142	1311476	47.632	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	663156	53.362	ng	98
41) Hexachlorocyclopentadiene	12.610	237	649408	128.117	ng	98
43) 2,4,6-Trichlorophenol	12.887	196	427574	50.158	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	460410	50.065	ng	96
46) 1,1'-Biphenyl	13.275	154	1741685	50.715	ng	99
47) 2-Chloronaphthalene	13.316	162	1326885	51.375	ng	98
48) 2-Nitroaniline	13.540	65	355852	45.515	ng	90
49) Acenaphthylene	14.163	152	2070291	51.174	ng	99
50) Dimethylphthalate	13.910	163	1539043	47.430	ng	98
51) 2,6-Dinitrotoluene	14.028	165	349848	51.504	ng	86
52) Acenaphthene	14.504	154	1231604	52.262	ng	99
53) 3-Nitroaniline	14.375	138	140885	19.326	ng	91
54) 2,4-Dinitrophenol	14.587	184	331264	77.658	ng	# 85
55) Dibenzofuran	14.845	168	1886411	49.964	ng	96
56) 4-Nitrophenol	14.734	139	456199	79.340	ng	# 82
57) 2,4-Dinitrotoluene	14.828	165	459765	53.301	ng	95
58) Fluorene	15.492	166	1517268	51.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	367433	50.240	ng	# 92
60) Diethylphthalate	15.269	149	1507011	47.456	ng	99
61) 4-Chlorophenyl-phenyle...	15.487	204	717334	50.260	ng	96
62) 4-Nitroaniline	15.534	138	326349m	46.257	ng	
63) Azobenzene	15.781	77	1358960	45.181	ng	92
65) 4,6-Dinitro-2-methylph...	15.598	198	223908	44.694	ng	93
66) n-Nitrosodiphenylamine	15.704	169	1296609	54.721	ng	98
67) 4-Bromophenyl-phenylether	16.381	248	433445	52.795	ng	93
68) Hexachlorobenzene	16.498	284	481823	53.679	ng	92
69) Atrazine	16.663	200	421989	58.666	ng	97
70) Pentachlorophenol	16.851	266	505537	106.962	ng	98
71) Phenanthrene	17.228	178	2191492	51.895	ng	99
72) Anthracene	17.322	178	2229487	54.108	ng	99
73) Carbazole	17.598	167	2014206	50.415	ng	98
74) Di-n-butylphthalate	18.163	149	2474118	51.776	ng	98
75) Fluoranthene	19.251	202	2330978	53.155	ng	97
77) Benzidine	19.445	184	1185971	91.860	ng	99
78) Pyrene	19.616	202	2405624	48.800	ng	99
80) Butylbenzylphthalate	20.510	149	1051254	48.142	ng	98
81) Benzo(a)anthracene	21.363	228	2228895	50.942	ng	99
82) 3,3'-Dichlorobenzidine	21.298	252	502837	49.920	ng	99
83) Chrysene	21.416	228	2145267	50.761	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1538905	49.138	ng	98
85) Di-n-octyl phthalate	22.192	149	2607913	51.254	ng	96
87) Indeno(1,2,3-cd)pyrene	26.121	276	2688152	54.343	ng	# 94
88) Benzo(b)fluoranthene	23.004	252	2318493	54.970	ng	# 97
89) Benzo(k)fluoranthene	23.051	252	2207596	51.701	ng	# 98
90) Benzo(a)pyrene	23.610	252	2026749	56.956	ng	# 97
91) Dibenzo(a,h)anthracene	26.127	278	2342669	57.247	ng	# 95
92) Benzo(g,h,i)perylene	26.856	276	2409950	59.205	ng	96

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

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Manual Integrations

APPROVED

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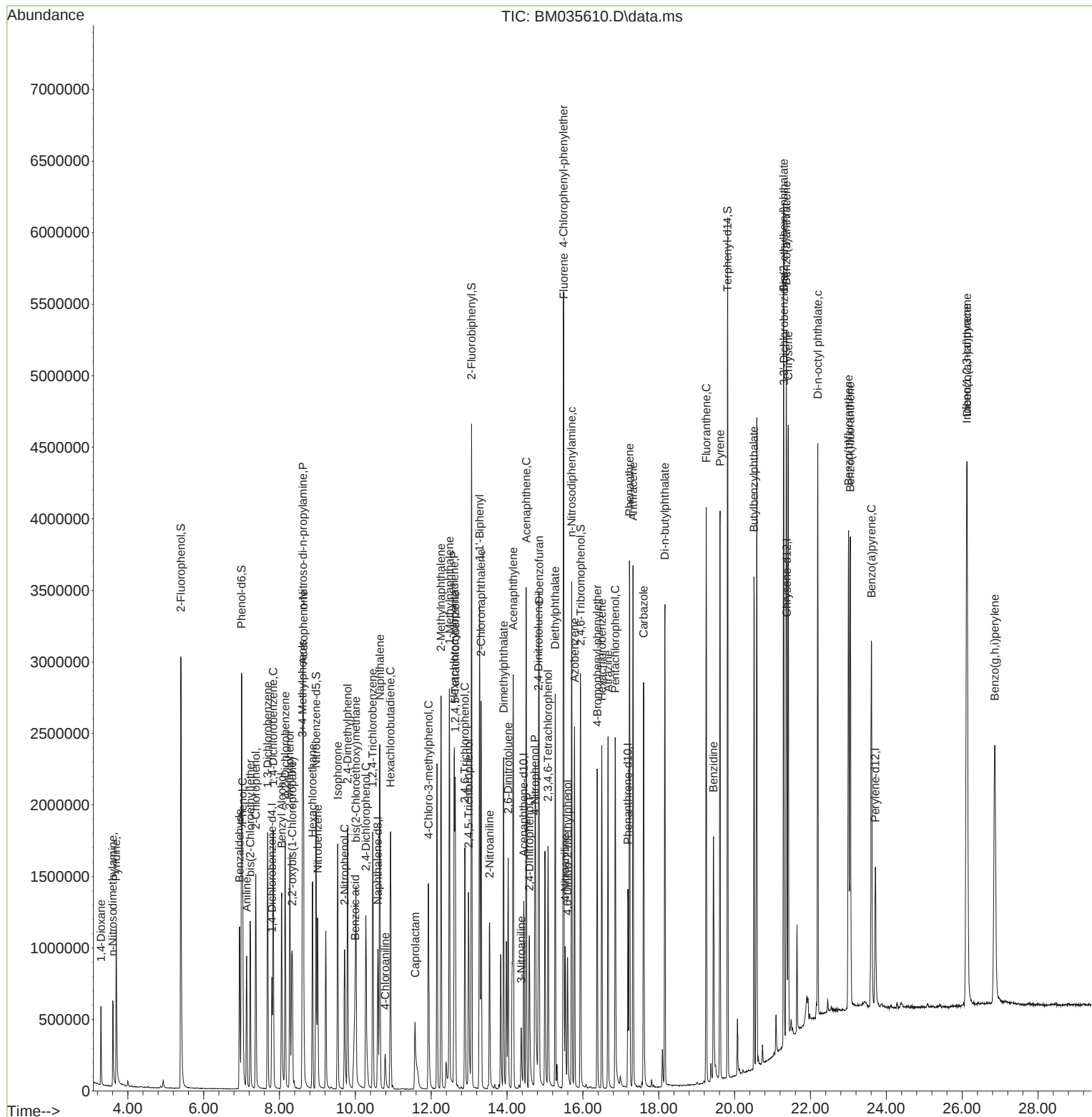
Quant Time: Jun 23 07:37:09 2022

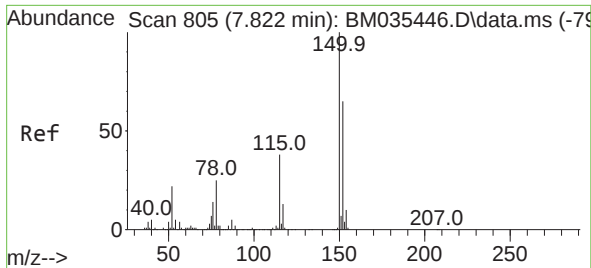
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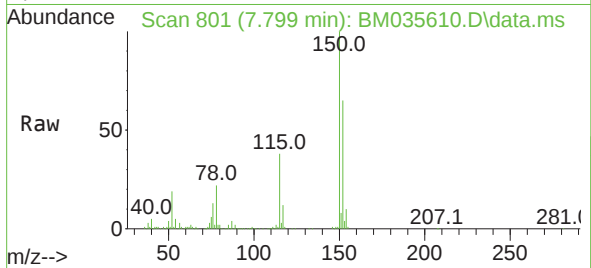
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 80
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

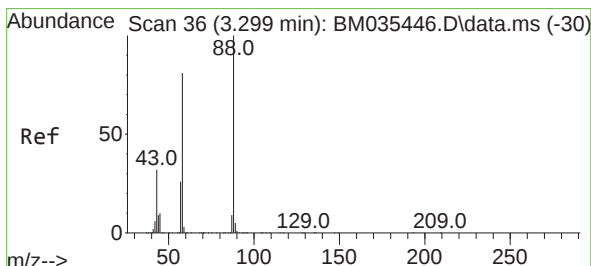
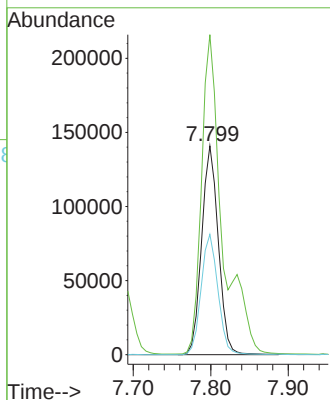
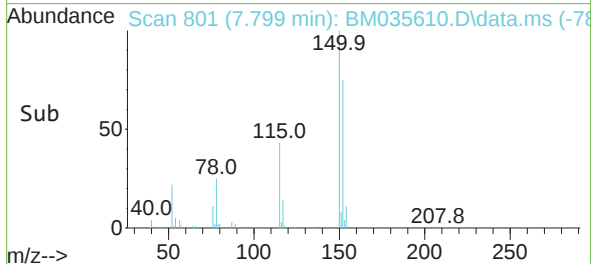
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Tgt Ion:152 Resp: 210938
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 57.6 47.9 71.9

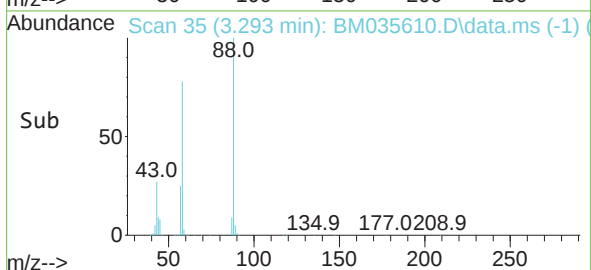
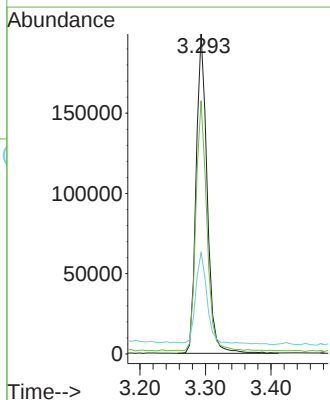
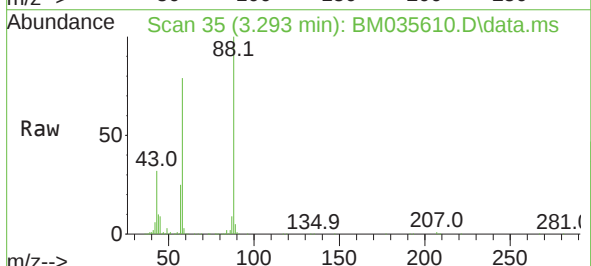
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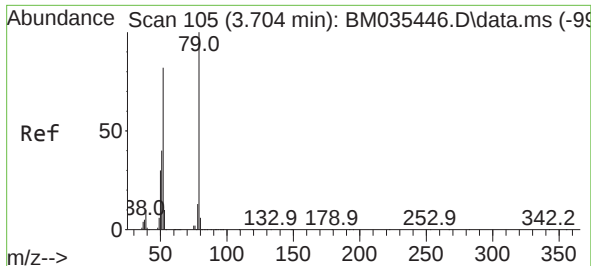
Reviewed By :Christian Giraldo 06/23/2022
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#2
1,4-Dioxane
Concen: 49.258 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

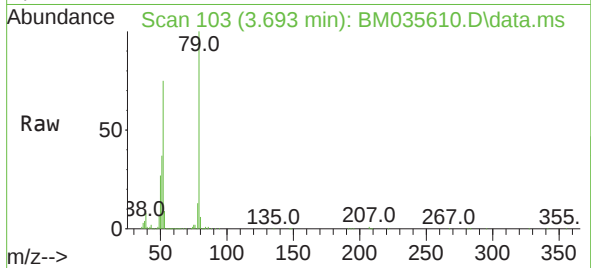
Tgt Ion: 88 Resp: 233698
Ion Ratio Lower Upper
88 100
58 77.8 62.3 93.5
43 28.1 28.7 43.1#





#3
Pyridine
Concen: 44.268 ng
RT: 3.693 min Scan# 105
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

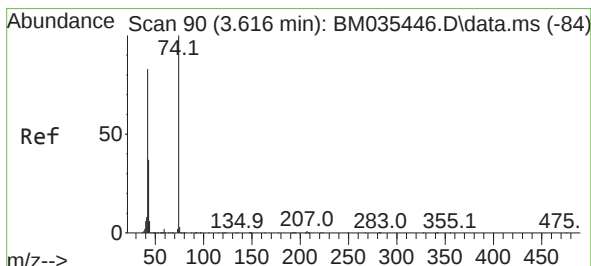
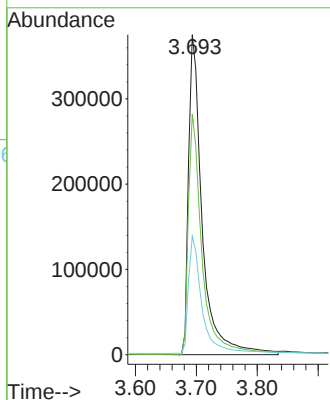
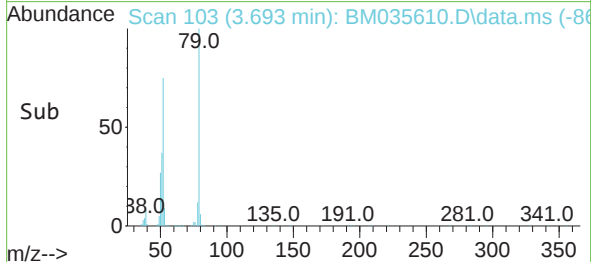
Instrument :
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ClientSampleId :
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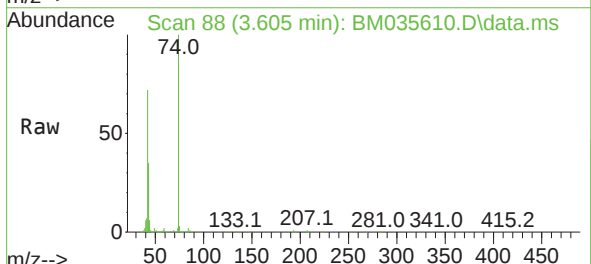
Tgt Ion: 79 Resp: 587389
Ion Ratio Lower Upper
79 100
52 75.2 61.9 92.9
51 37.1 33.5 50.3

Manual Integrations
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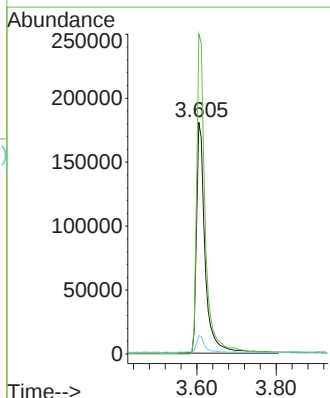
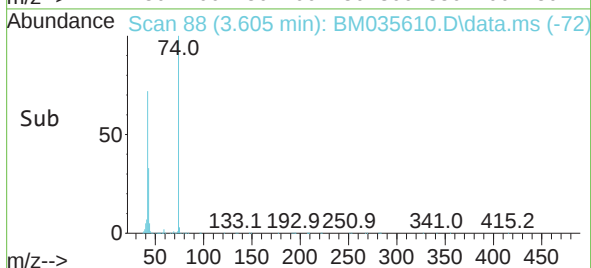
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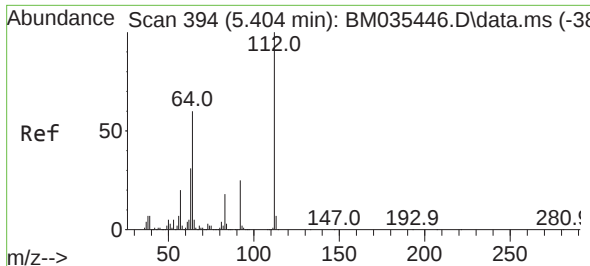


#4
n-Nitrosodimethylamine
Concen: 44.586 ng
RT: 3.605 min Scan# 88
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



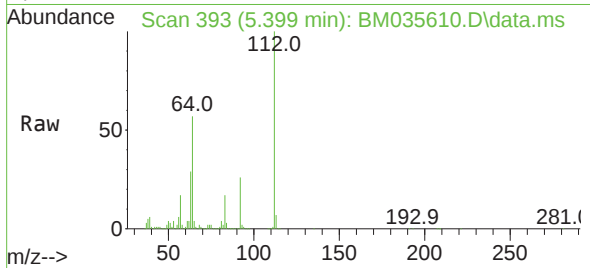
Tgt Ion: 42 Resp: 273070
Ion Ratio Lower Upper
42 100
74 138.2 81.6 122.4#
44 7.9 5.2 7.8#





#5
2-Fluorophenol
Concen: 118.085 ng
RT: 5.399 min Scan# 394
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

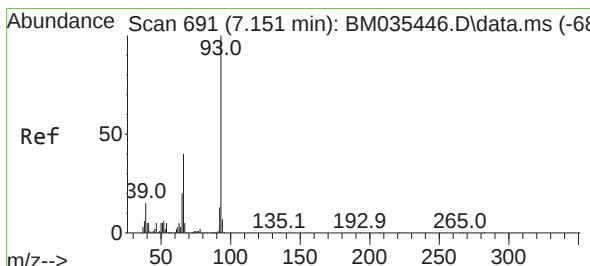
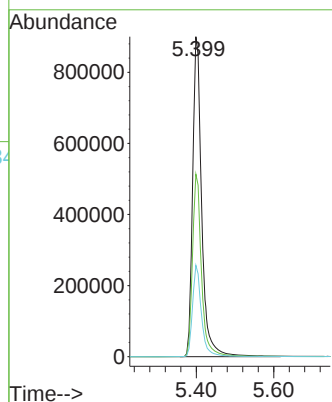
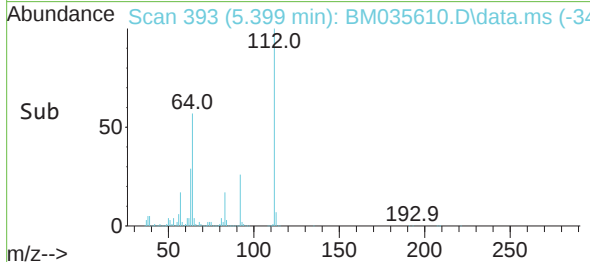
Instrument :
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Tgt Ion:112 Resp: 1468852
Ion Ratio Lower Upper
112 100
64 57.1 47.8 71.6
63 28.5 26.6 40.0

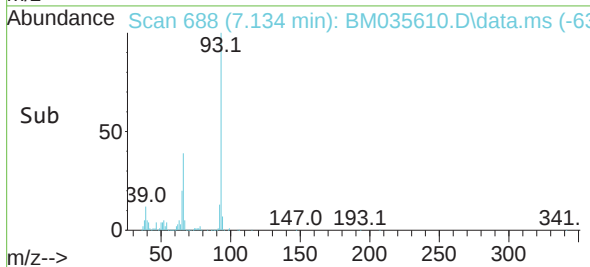
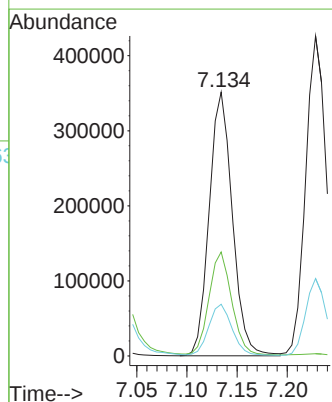
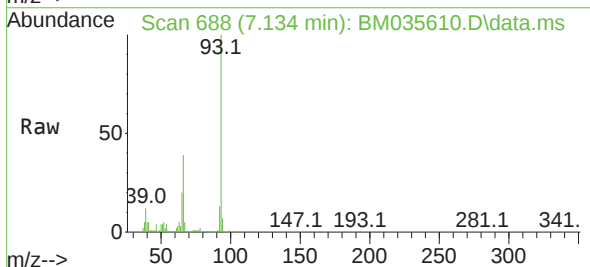
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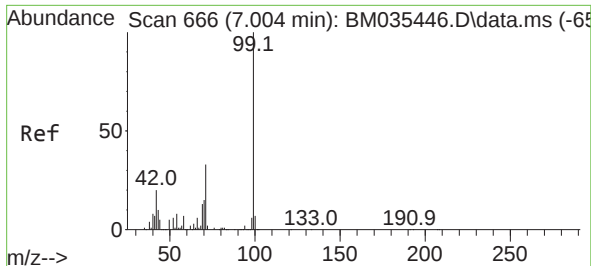
Reviewed By :Christian Giraldo 06/23/2022
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#6
Aniline
Concen: 30.339 ng
RT: 7.134 min Scan# 688
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

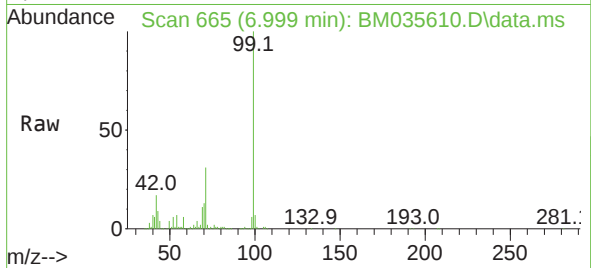
Tgt Ion: 93 Resp: 565266
Ion Ratio Lower Upper
93 100
66 39.4 32.6 49.0
65 19.6 16.8 25.2





#7
Phenol-d6
Concen: 104.673 ng
RT: 6.999 min Scan# 60
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

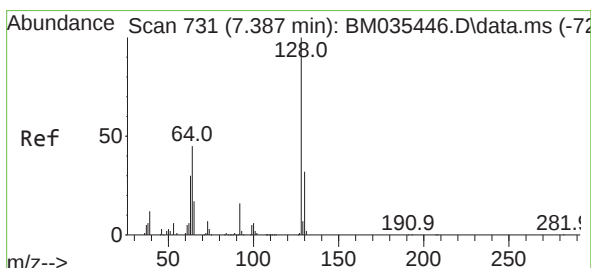
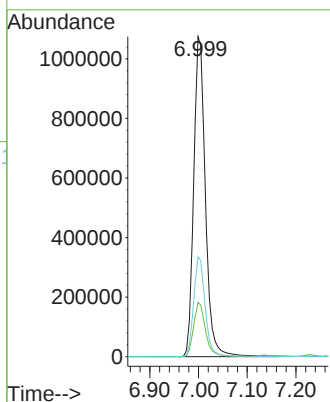
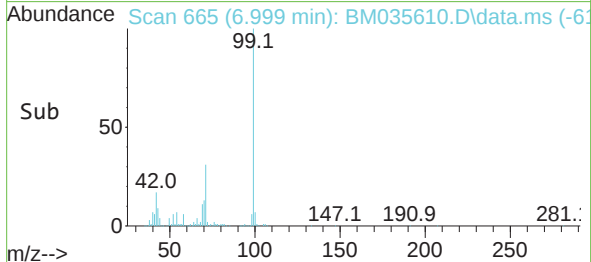
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Tgt Ion: 99 Resp: 1804290
Ion Ratio Lower Upper
99 100
42 16.9 18.8 28.2
71 31.2 30.2 45.2

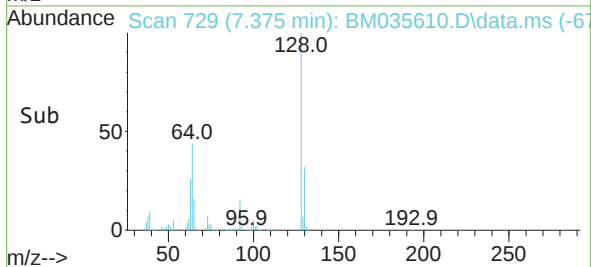
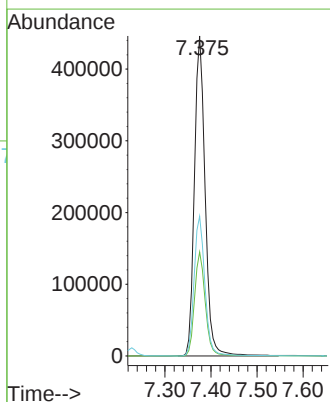
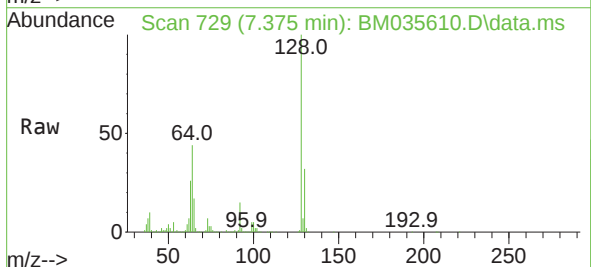
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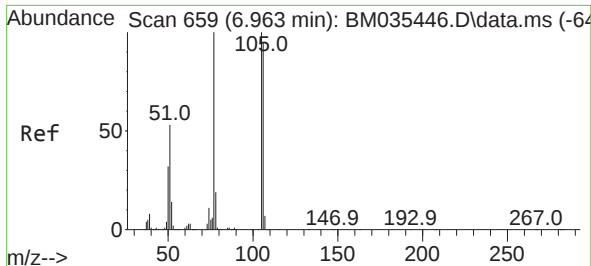
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#8
2-Chlorophenol
Concen: 50.636 ng
RT: 7.375 min Scan# 729
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

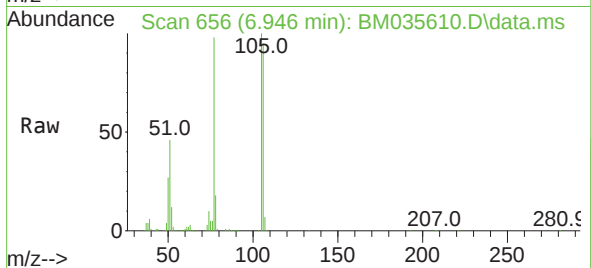
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Ion Ratio Lower Upper
128 100
130 32.5 10.9 50.9
64 43.7 28.2 68.2





#9
Benzaldehyde
Concen: 46.727 ng
RT: 6.946 min Scan# 610
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

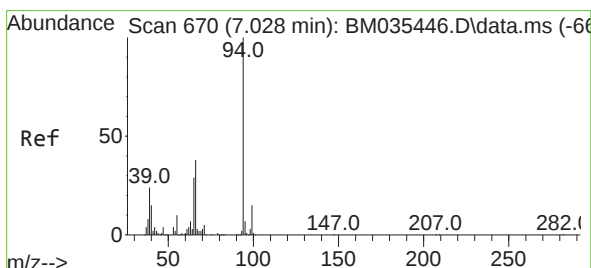
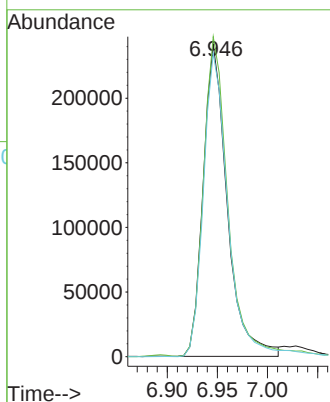
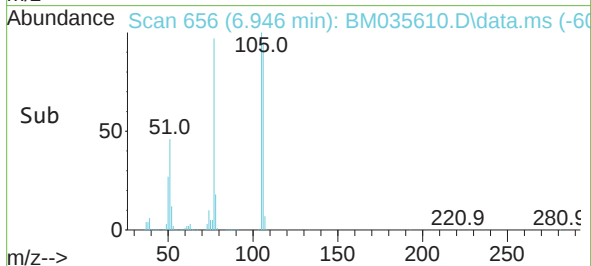
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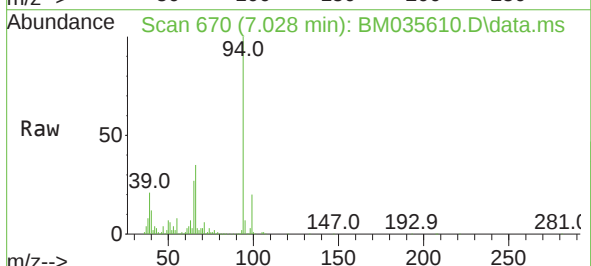
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Ion Ratio Lower Upper
77 100
105 102.5 76.3 116.3
106 97.2 69.0 109.0

Manual Integrations
APPROVED

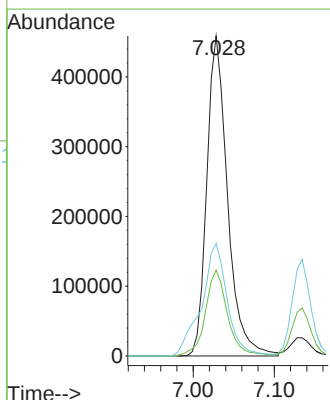
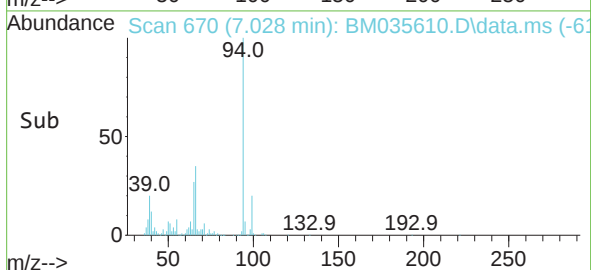
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

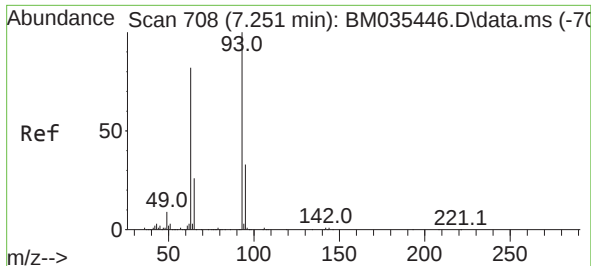


#10
Phenol
Concen: 48.608 ng
RT: 7.028 min Scan# 670
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



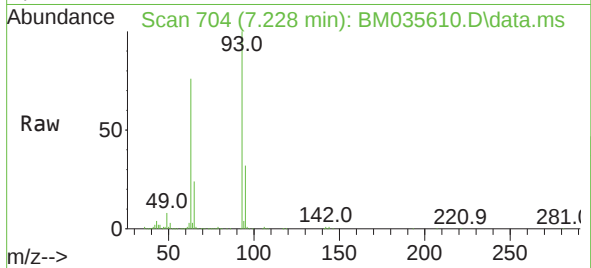
Tgt Ion: 94 Resp: 813946
Ion Ratio Lower Upper
94 100
65 26.8 11.4 51.4
66 35.2 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 48.079 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

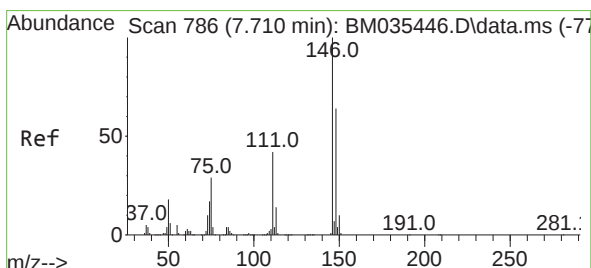
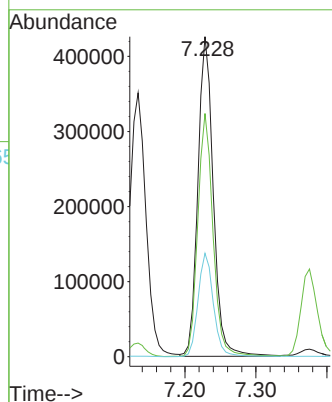
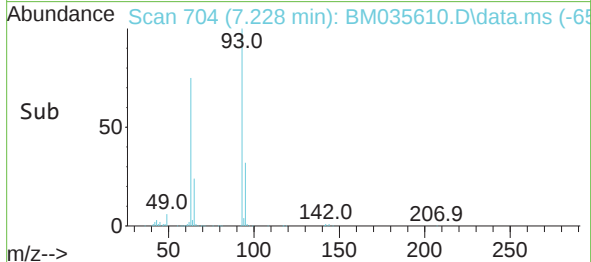
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion: 93 Resp: 645312
Ion Ratio Lower Upper
93 100
63 76.0 60.6 100.6
95 32.3 13.2 53.2

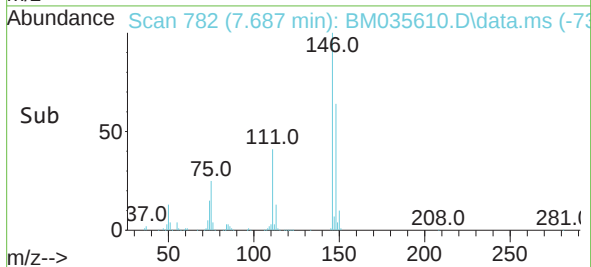
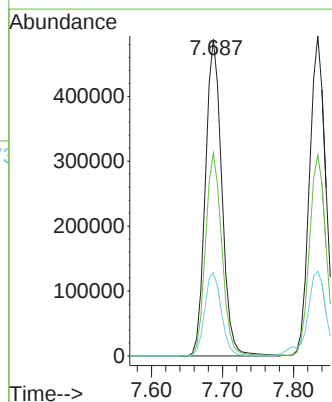
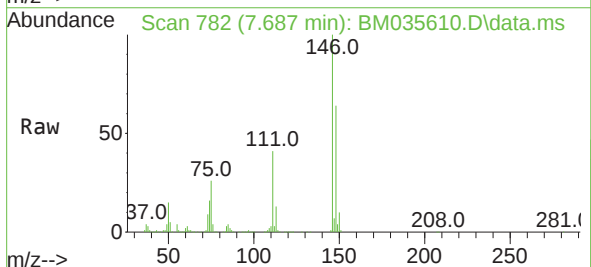
Manual Integrations
APPROVED

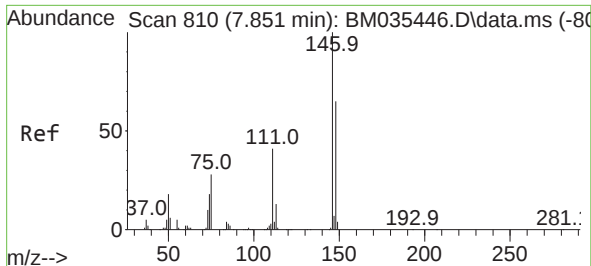
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#12
1,3-Dichlorobenzene
Concen: 51.503 ng
RT: 7.687 min Scan# 782
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Tgt Ion:146 Resp: 784514
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 26.3 26.1 39.1





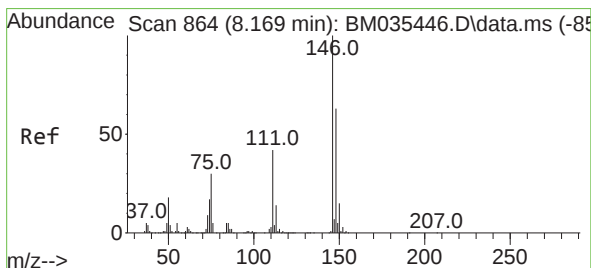
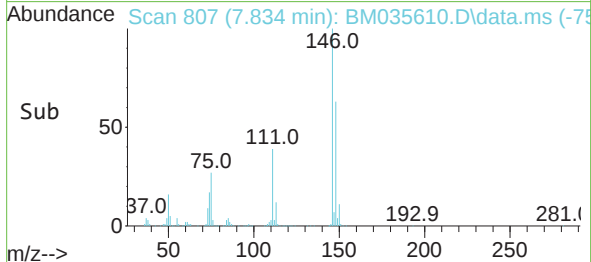
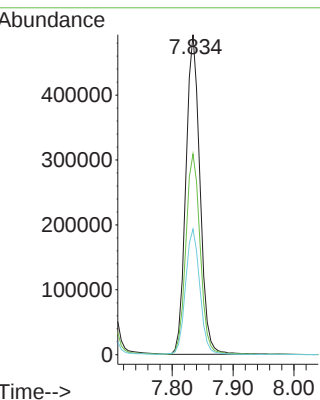
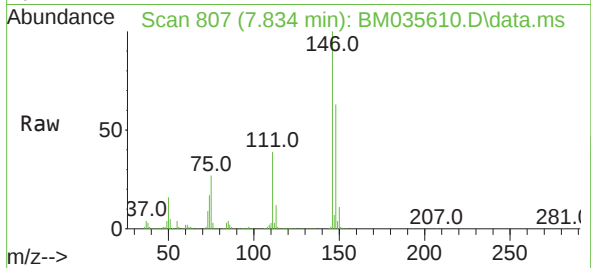
#13
1,4-Dichlorobenzene
Concen: 50.750 ng
RT: 7.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Instrument :
BNA_M
ClientSampleId :
B2201-35MS

Tgt Ion:146 Resp: 791392
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
111 39.3 32.5 48.7

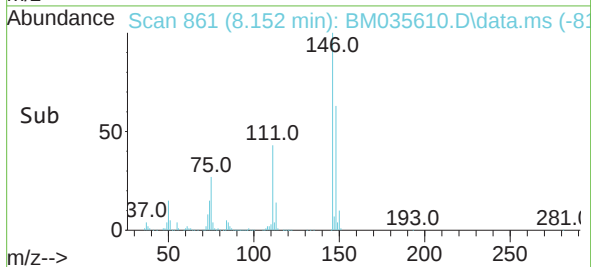
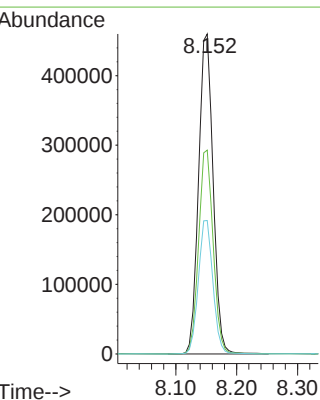
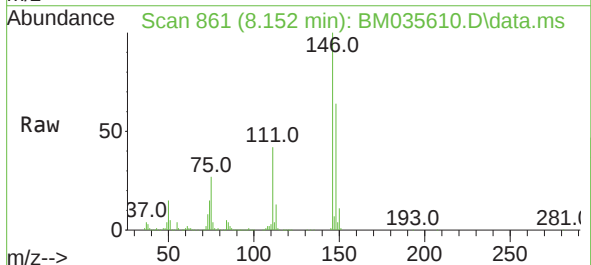
Manual Integrations
APPROVED

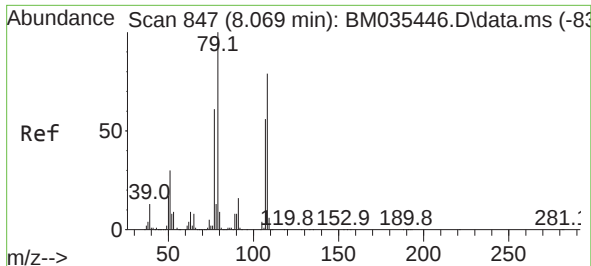
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#14
1,2-Dichlorobenzene
Concen: 50.138 ng
RT: 8.152 min Scan# 861
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

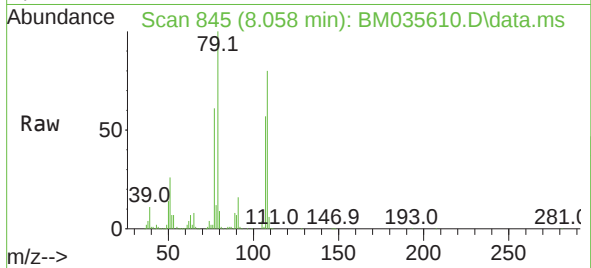
Tgt Ion:146 Resp: 763113
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
111 41.7 33.9 50.9





#15
Benzyl Alcohol
Concen: 44.378 ng m
RT: 8.058 min Scan# 847
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

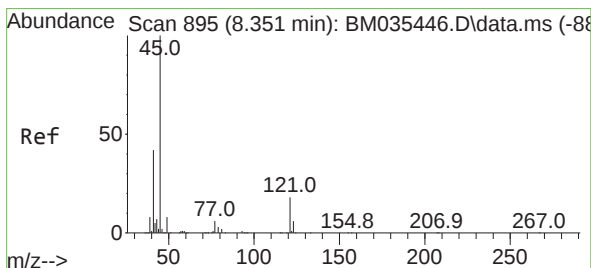
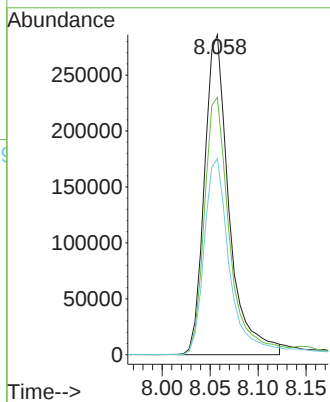
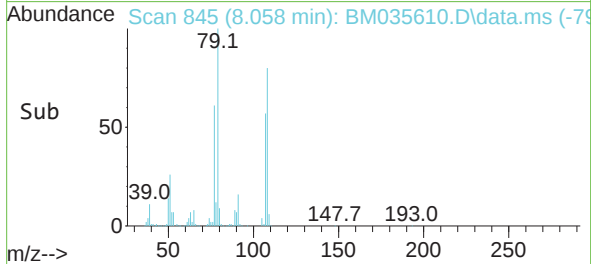
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



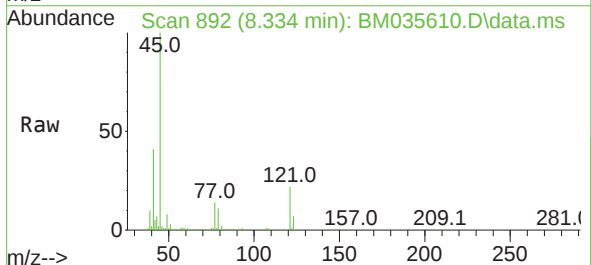
Tgt Ion: 79 Resp: 512460
Ion Ratio Lower Upper
79 100
108 80.4 59.0 88.4
77 61.2 52.2 78.4

Manual Integrations
APPROVED

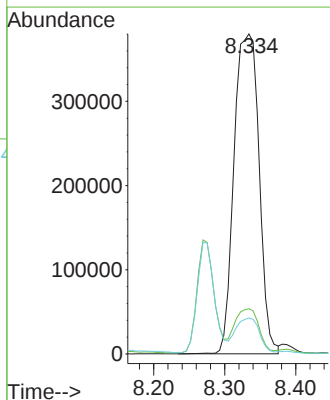
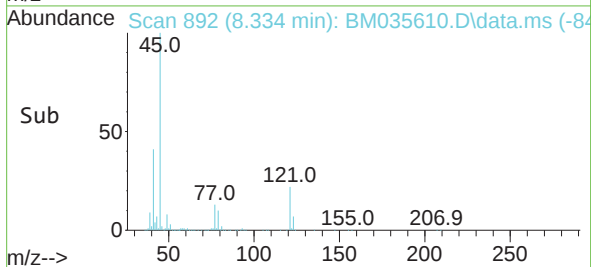
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

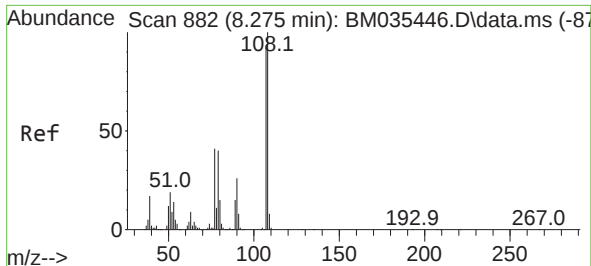


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.933 ng
RT: 8.334 min Scan# 892
Delta R.T. 0.006 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



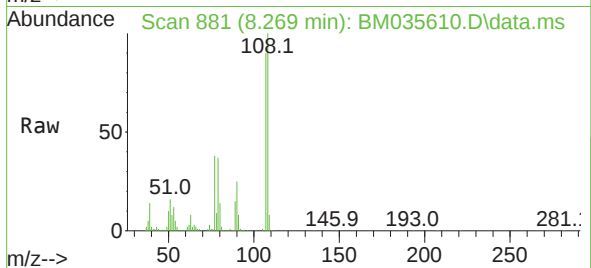
Tgt Ion: 45 Resp: 930883
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.1
79 11.2 0.0 30.5





#17
2-Methylphenol
Concen: 47.904 ng
RT: 8.269 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

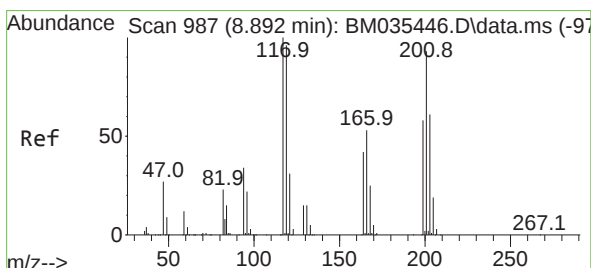
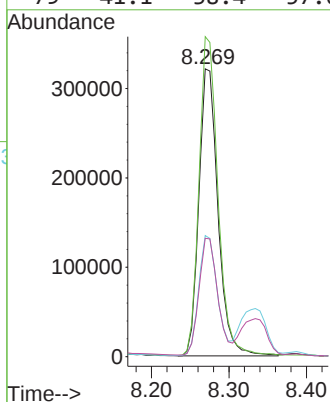
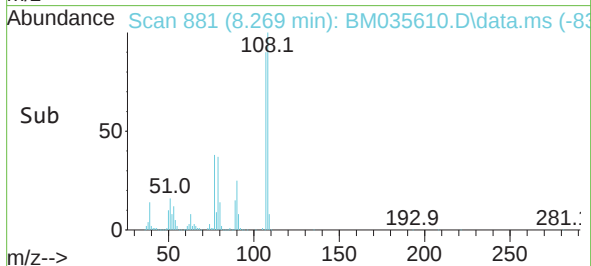
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:107 Resp: 550468
Ion Ratio Lower Upper
107 100
108 111.1 88.7 133.1
77 42.1 40.6 60.8
79 41.1 38.4 57.6

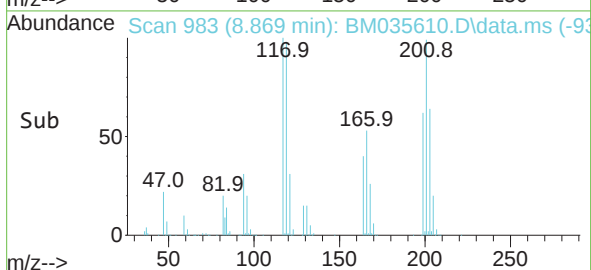
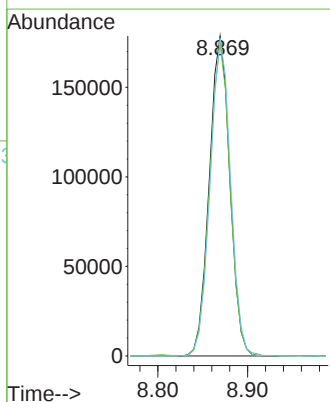
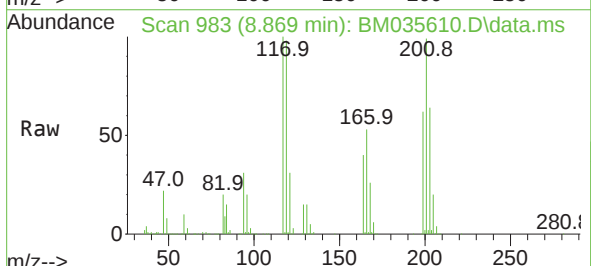
Manual Integrations
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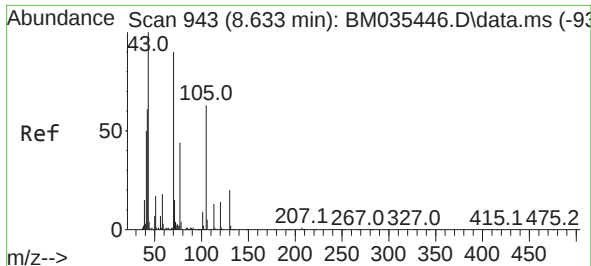
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#18
Hexachloroethane
Concen: 50.833 ng
RT: 8.869 min Scan# 983
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

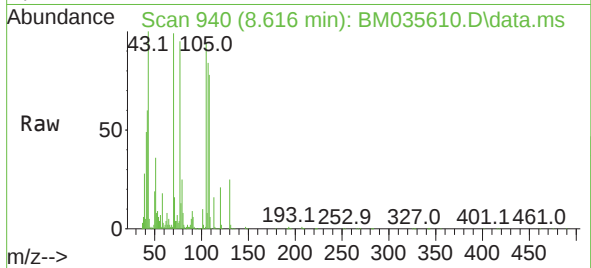
Tgt Ion:117 Resp: 284292
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
201 99.2 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.780 ng
RT: 8.616 min Scan# 943
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

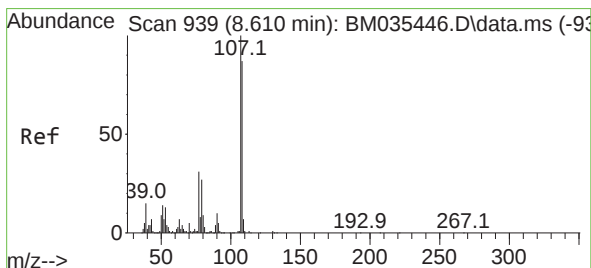
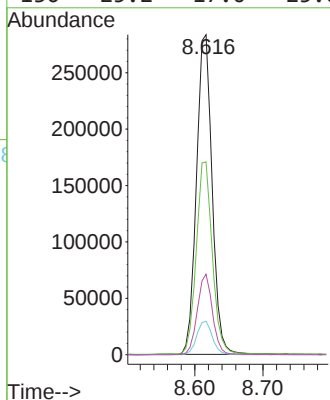
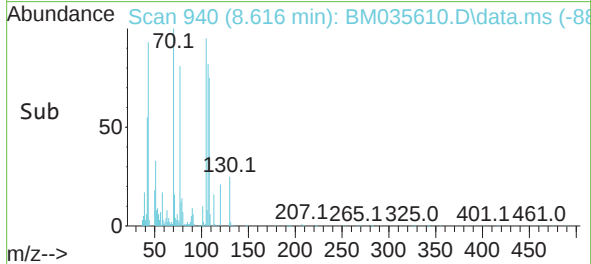
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion: 70 Resp: 45268
Ion Ratio Lower Upper
70 100
42 60.2 55.4 83.2
101 10.5 7.8 11.6
130 25.2 17.0 25.6

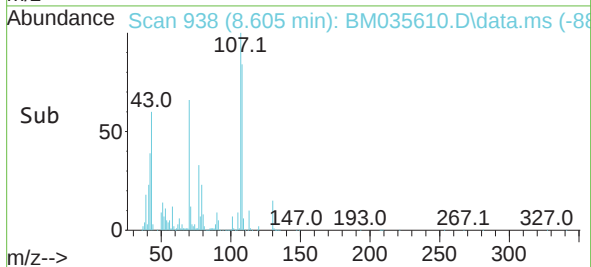
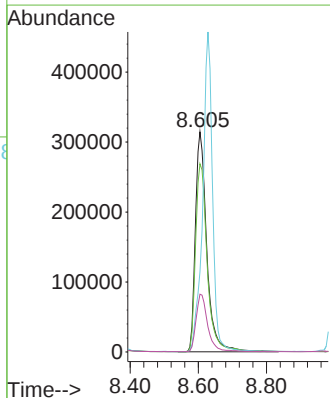
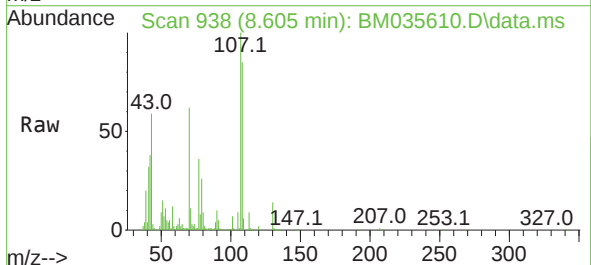
Manual Integrations
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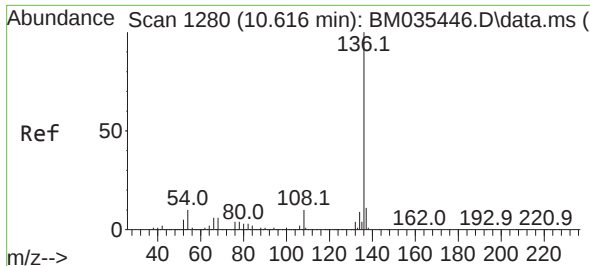
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#20
3+4-Methylphenols
Concen: 45.249 ng
RT: 8.605 min Scan# 938
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Tgt Ion:107 Resp: 728876
Ion Ratio Lower Upper
107 100
108 85.5 69.3 109.3
77 36.3 15.8 55.8
79 26.2 12.3 52.3





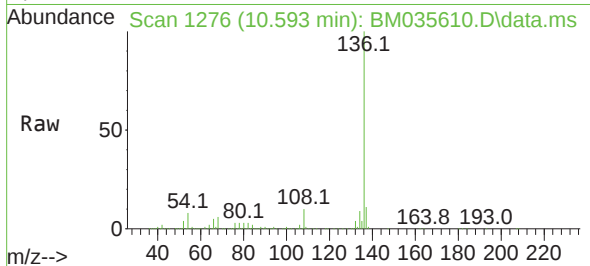
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS

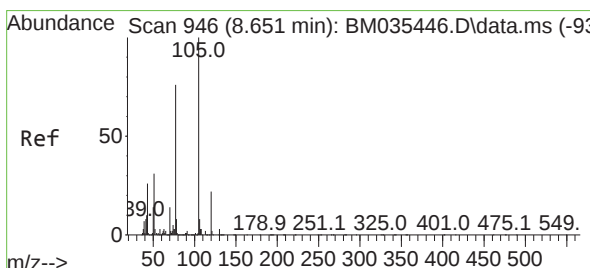
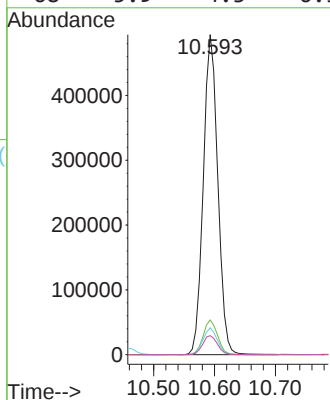
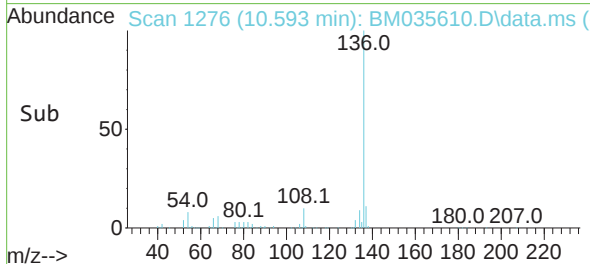


Tgt Ion:	136	Resp:	81668
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.4	7.0	10.4
68	5.9	4.3	6.5

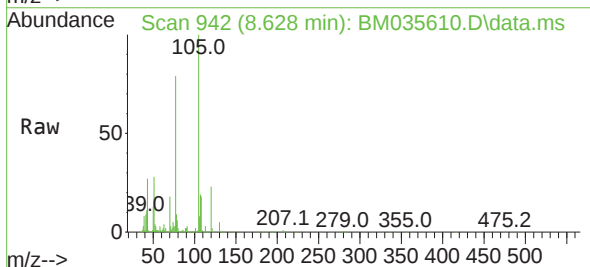
Manual Integrations

APPROVED

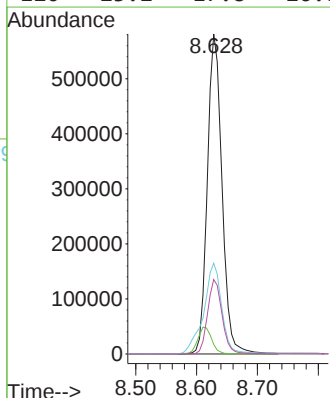
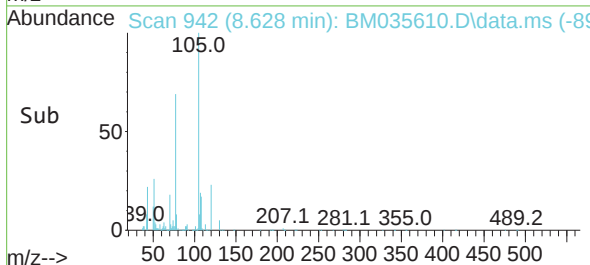
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

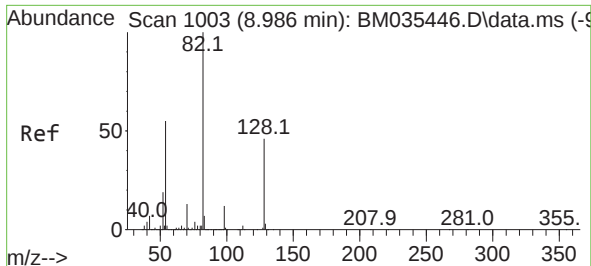


#22
Acetophenone
Concen: 49.236 ng
RT: 8.628 min Scan# 942
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



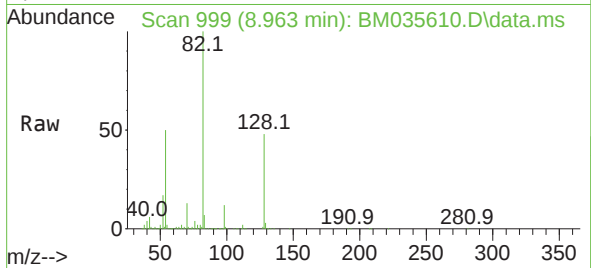
Tgt Ion:	105	Resp:	973899
Ion Ratio	Lower	Upper	
105	100		
71	3.0	5.0	7.4#
51	28.3	25.6	38.4
120	23.2	17.8	26.8





#23
Nitrobenzene-d5
Concen: 71.790 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

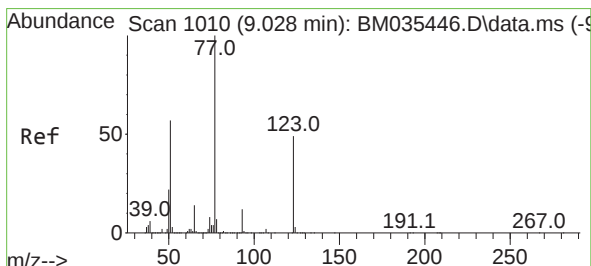
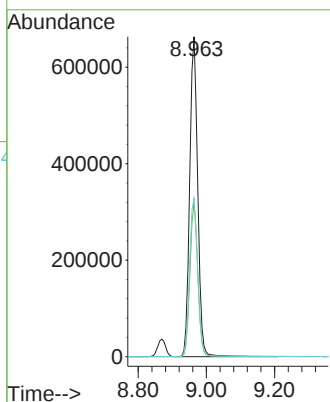
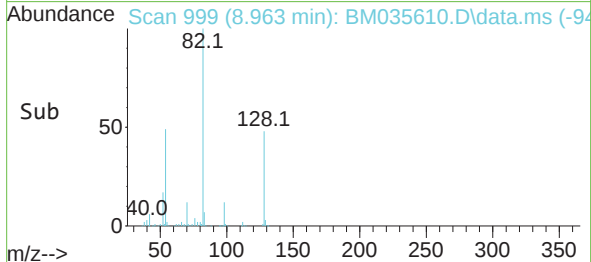
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



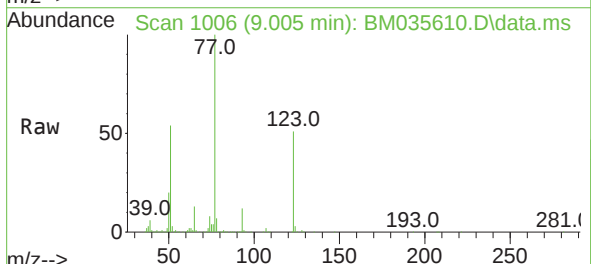
Tgt Ion: 82 Resp: 1078870
Ion Ratio Lower Upper
82 100
128 47.9 33.7 50.5
54 49.5 43.2 64.8

Manual Integrations
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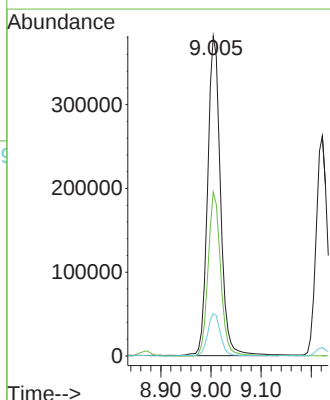
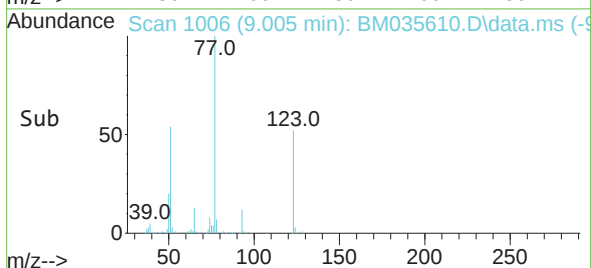
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

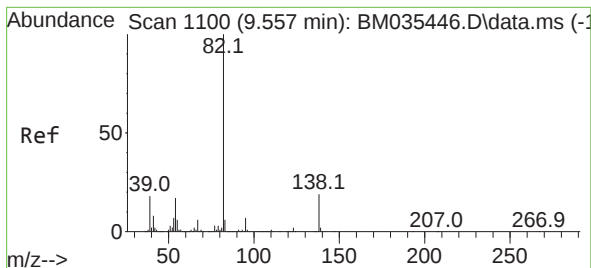


#24
Nitrobenzene
Concen: 49.239 ng
RT: 9.005 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



Tgt Ion: 77 Resp: 677546
Ion Ratio Lower Upper
77 100
123 51.3 36.2 54.4
65 13.2 11.4 17.0





#25

Isophorone

Concen: 49.982 ng

RT: 9.534 min Scan# 1100

Delta R.T. 0.001 min

Lab File: BM035610.D

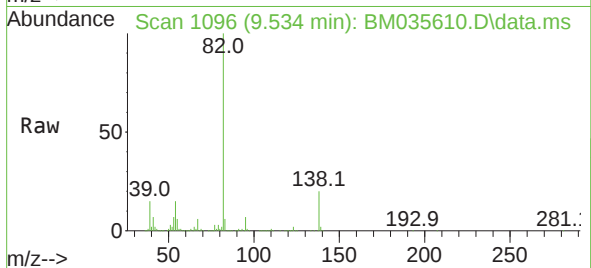
Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS



Tgt Ion: 82 Resp: 122158

Ion Ratio Lower Upper

82 100

95 7.2 6.4 9.6

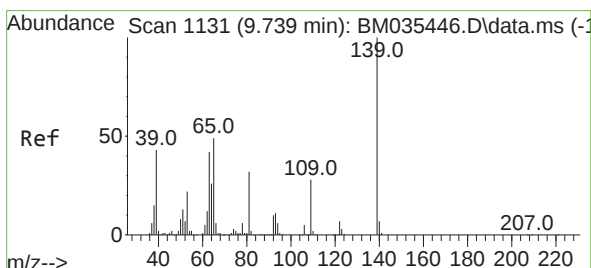
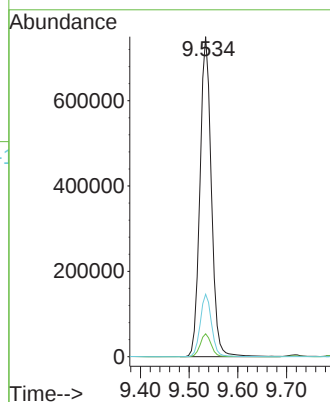
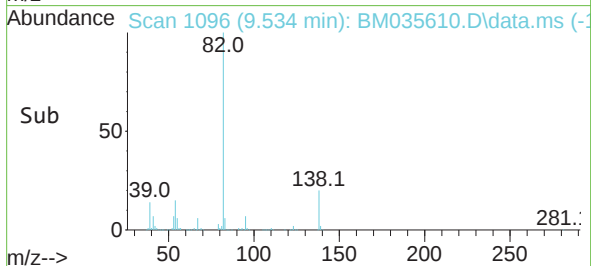
138 19.5 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#26

2-Nitrophenol

Concen: 53.205 ng

RT: 9.716 min Scan# 1127

Delta R.T. -0.005 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

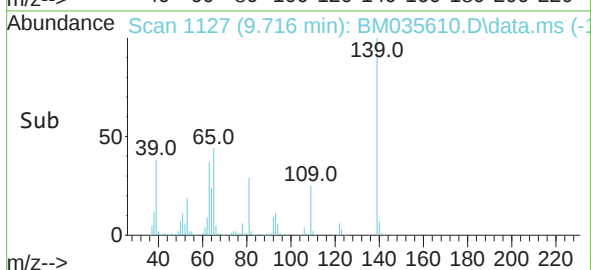
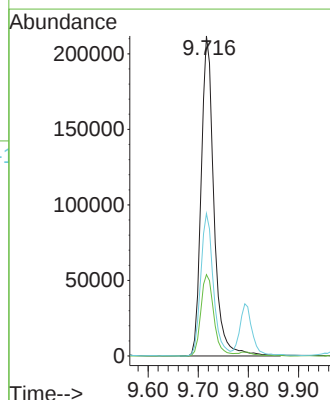
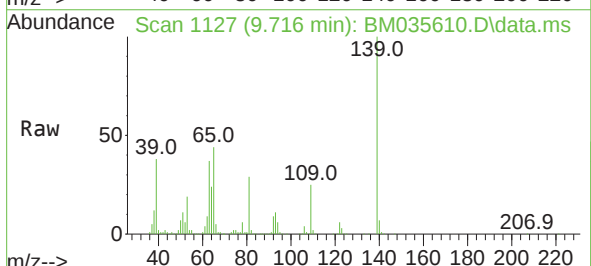
Tgt Ion:139 Resp: 374678

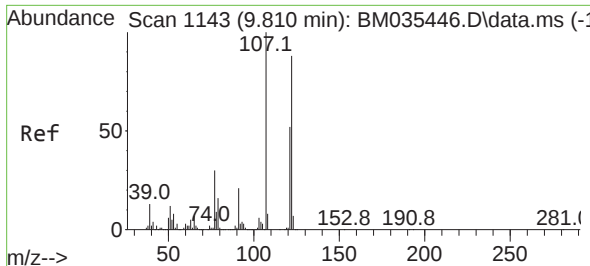
Ion Ratio Lower Upper

139 100

109 25.4 25.6 38.4

65 44.5 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 57.959 ng

RT: 9.793 min Scan# 1140

Delta R.T. -0.005 min

Lab File: BM035610.D

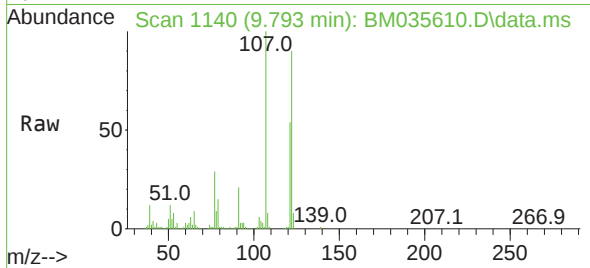
Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS



Tgt Ion:122 Resp: 59810

Ion Ratio Lower Upper

122 100

107 111.0 92.4 138.6

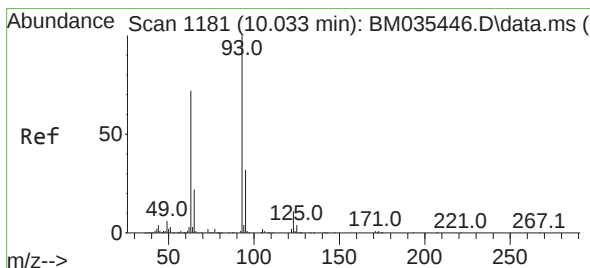
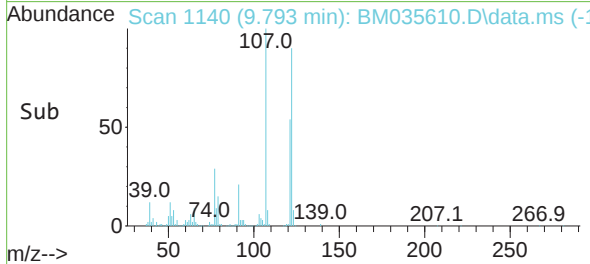
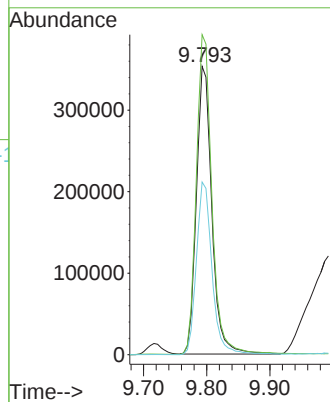
121 59.9 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.526 ng

RT: 10.016 min Scan# 1178

Delta R.T. 0.001 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

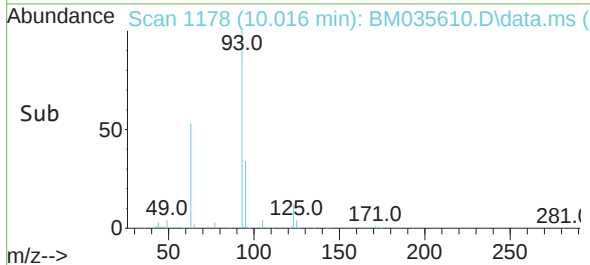
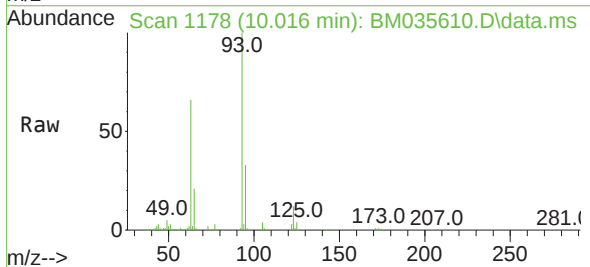
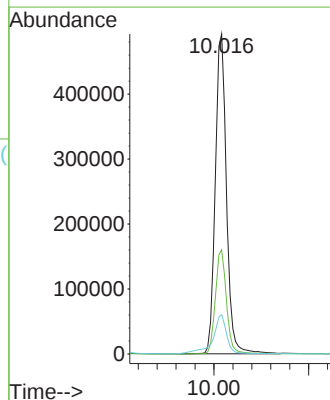
Tgt Ion: 93 Resp: 808190

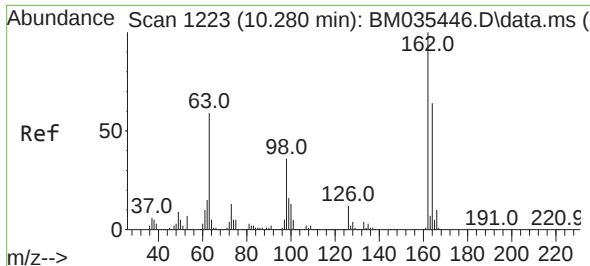
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 12.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 52.122 ng

RT: 10.275 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM035610.D

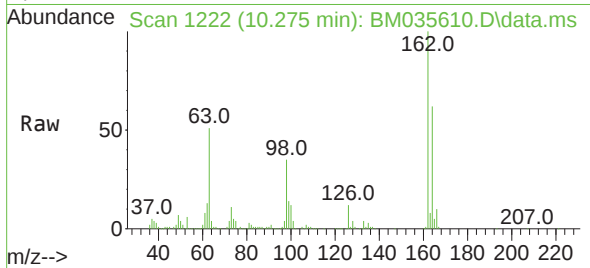
Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS



Tgt Ion:162 Resp: 59938

Ion Ratio Lower Upper

162 100

164 62.2 44.2 84.2

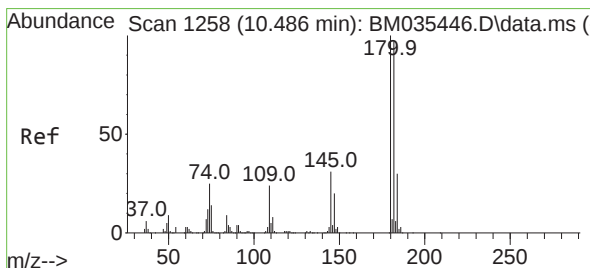
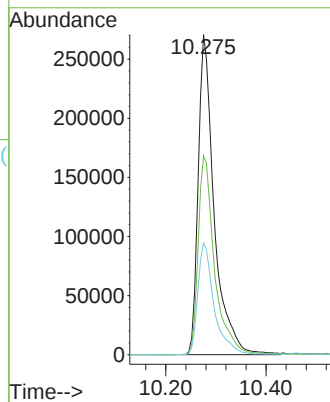
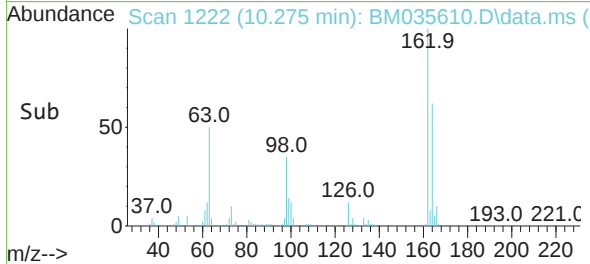
98 34.9 15.0 55.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 50.409 ng

RT: 10.457 min Scan# 1253

Delta R.T. -0.005 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

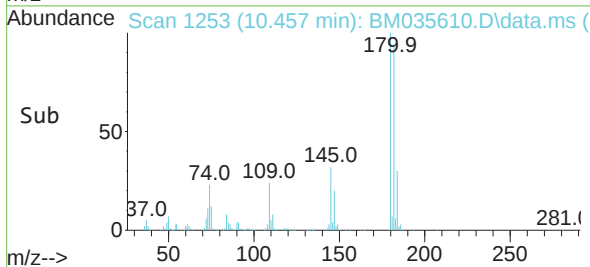
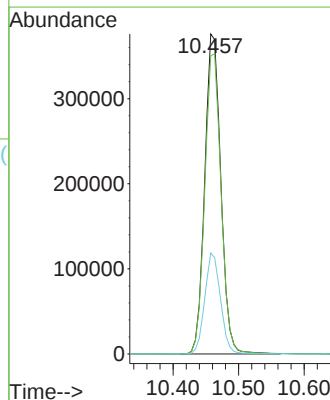
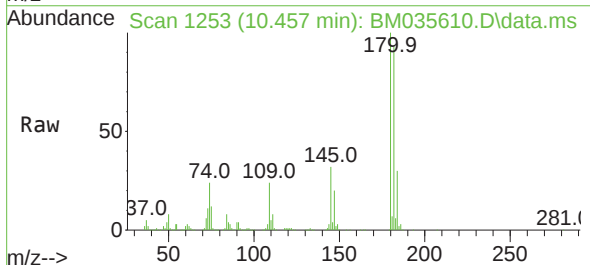
Tgt Ion:180 Resp: 644440

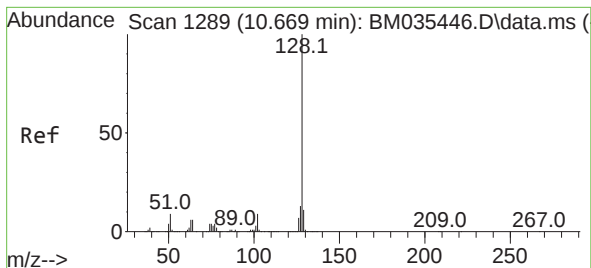
Ion Ratio Lower Upper

180 100

182 93.2 77.9 116.9

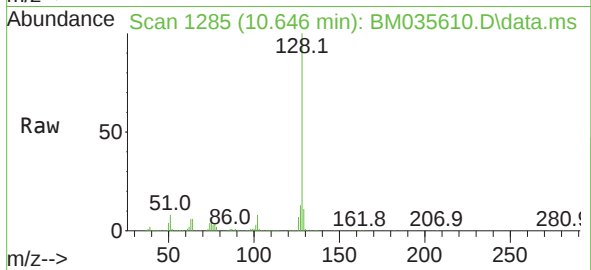
145 31.6 25.0 37.6





#31
Naphthalene
Concen: 50.502 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

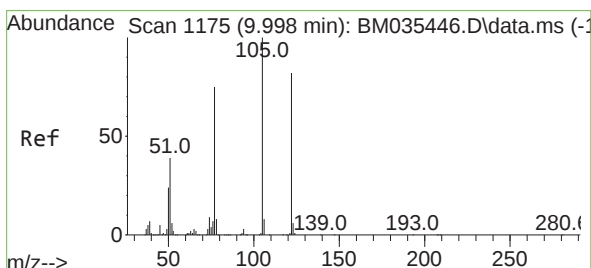
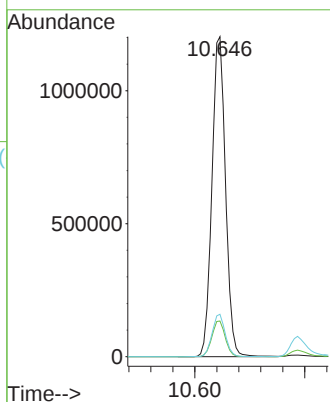
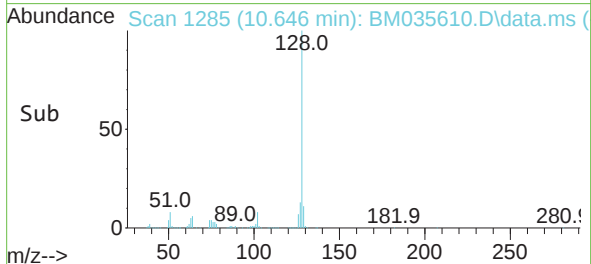
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



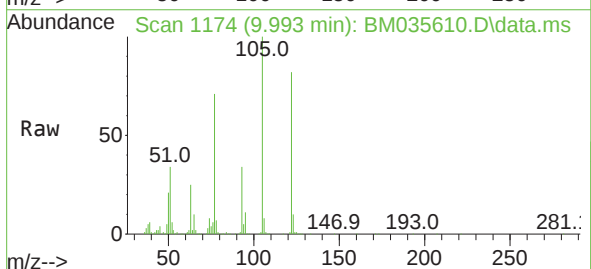
Tgt Ion:128 Resp: 206584
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.6 16.0

Manual Integrations
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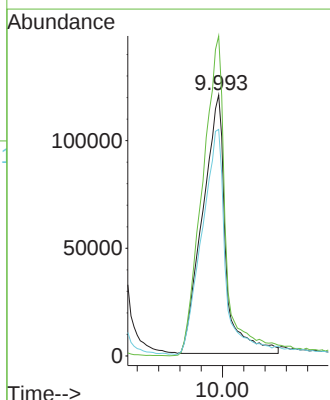
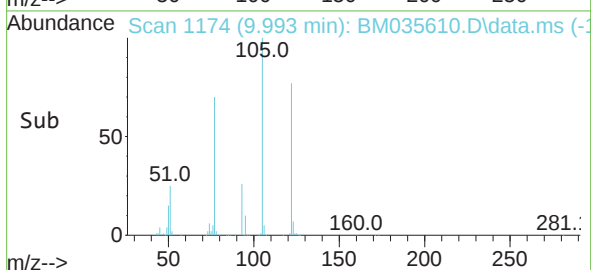
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

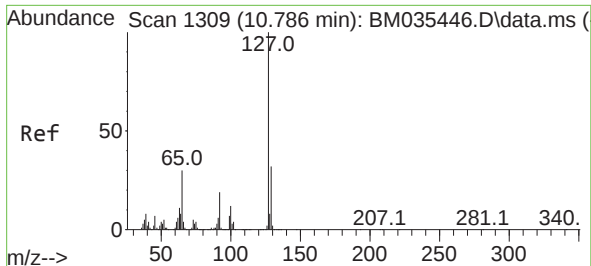


#32
Benzoic acid
Concen: 38.594 ng
RT: 9.993 min Scan# 1174
Delta R.T. -0.011 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



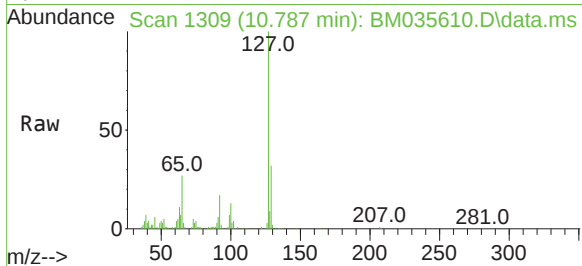
Tgt Ion:122 Resp: 362094
Ion Ratio Lower Upper
122 100
105 122.7 105.7 145.7
77 86.8 80.0 120.0





#33
4-Chloroaniline
Concen: 10.445 ng
RT: 10.787 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

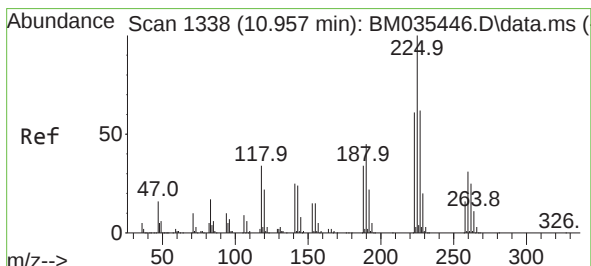
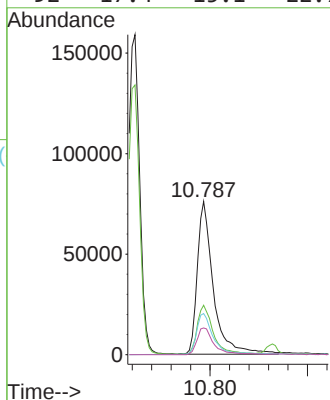
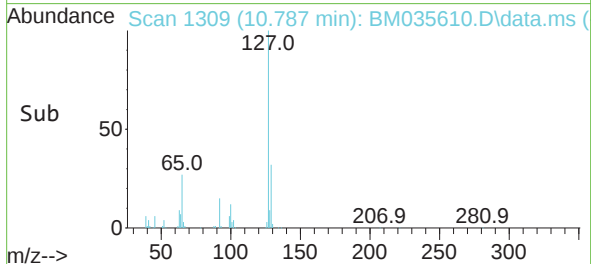
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



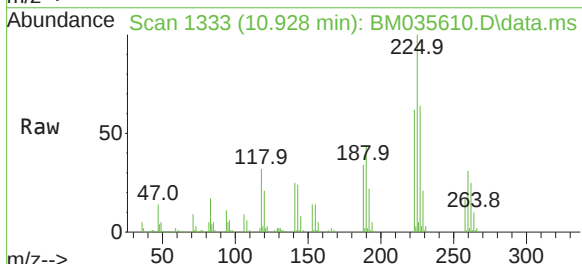
Tgt Ion:127 Resp: 17383
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 26.8 26.6 40.0
92 17.4 15.1 22.7

Manual Integrations
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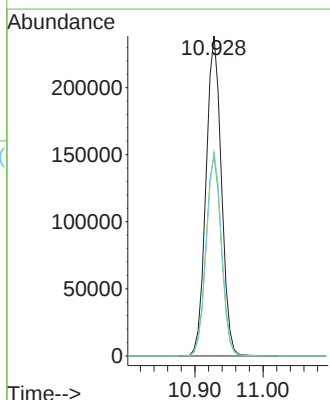
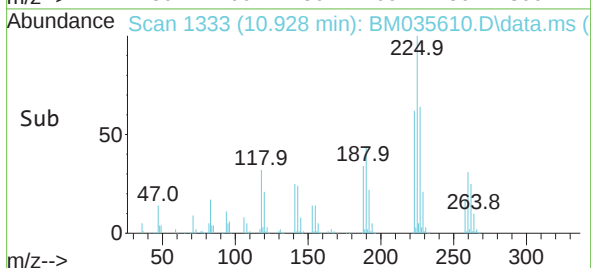
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

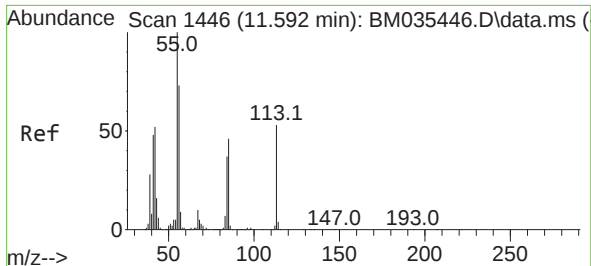


#34
Hexachlorobutadiene
Concen: 51.919 ng
RT: 10.928 min Scan# 1333
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



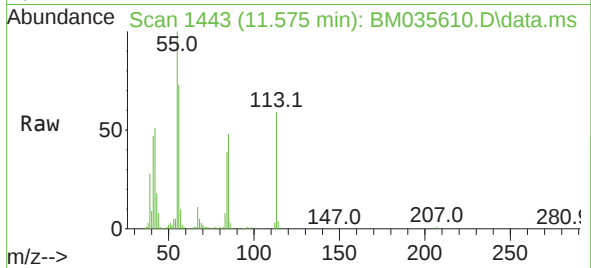
Tgt Ion:225 Resp: 373538
Ion Ratio Lower Upper
225 100
223 62.4 50.8 76.2
227 63.8 52.7 79.1





#35
Caprolactam
Concen: 44.555 ng
RT: 11.575 min Scan# 1443
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

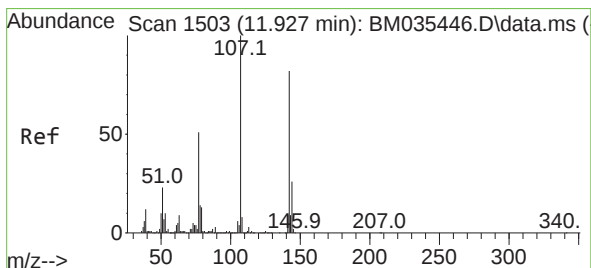
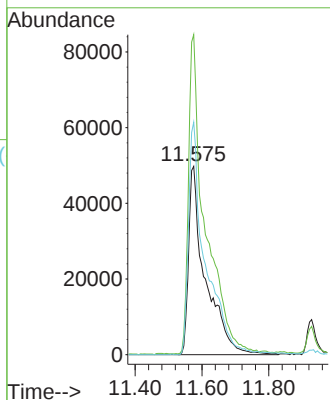
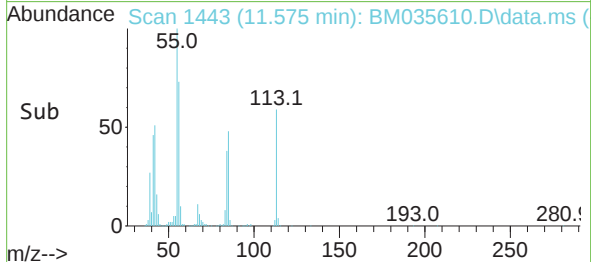
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:113 Resp: 173670
Ion Ratio Lower Upper
113 100
55 169.9 150.1 190.1
56 123.4 111.7 151.7

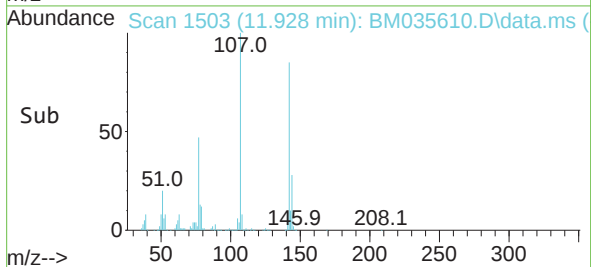
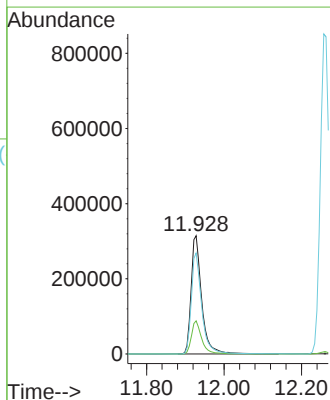
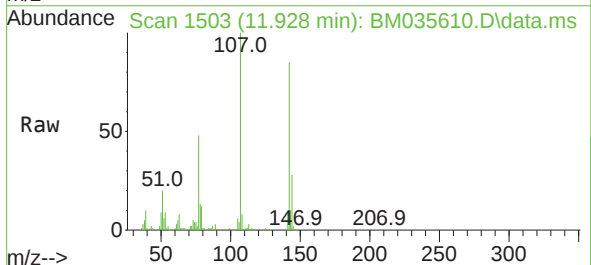
Manual Integrations
APPROVED

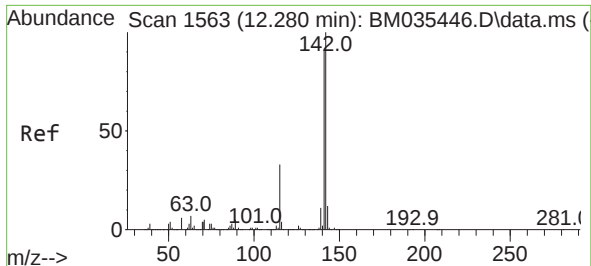
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#36
4-Chloro-3-methylphenol
Concen: 45.824 ng
RT: 11.928 min Scan# 1503
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

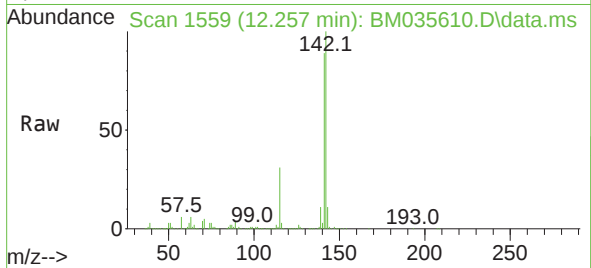
Tgt Ion:107 Resp: 597423
Ion Ratio Lower Upper
107 100
144 28.0 21.4 32.0
142 85.3 66.7 100.1





#37
2-Methylnaphthalene
Concen: 49.084 ng
RT: 12.257 min Scan# 1559
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

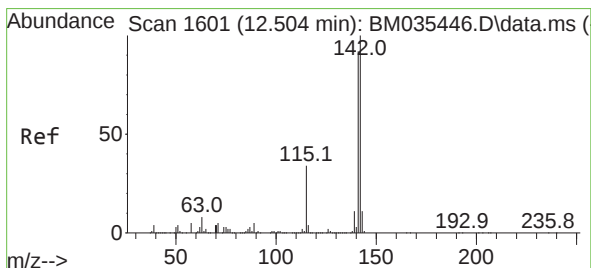
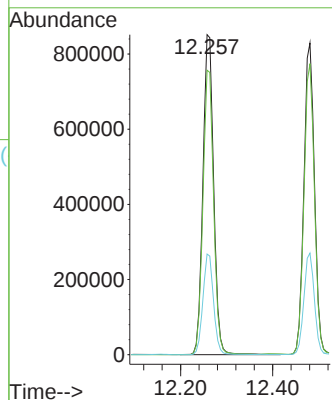
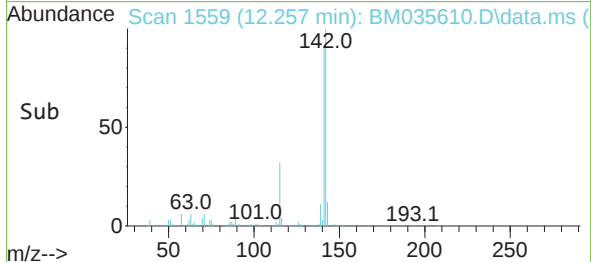
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:142 Resp: 138273
Ion Ratio Lower Upper
142 100
141 88.9 72.4 108.6
115 31.4 29.6 44.4

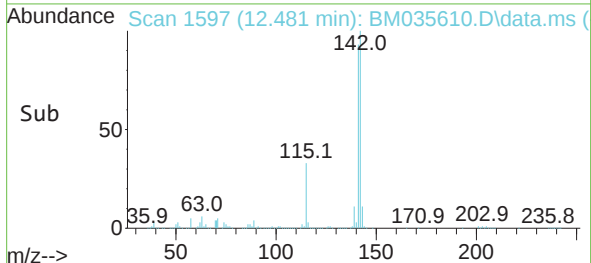
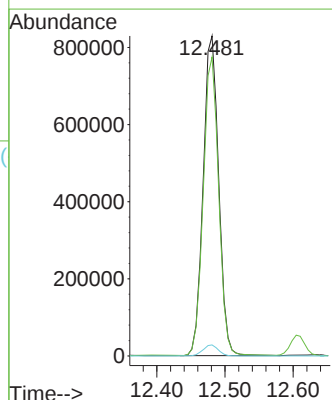
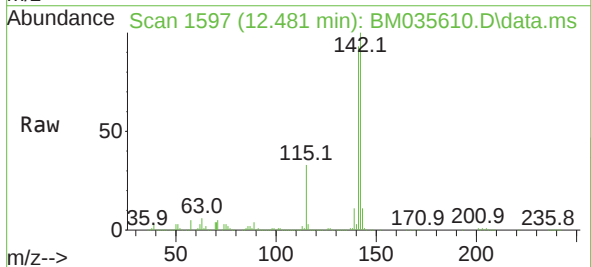
Manual Integrations
APPROVED

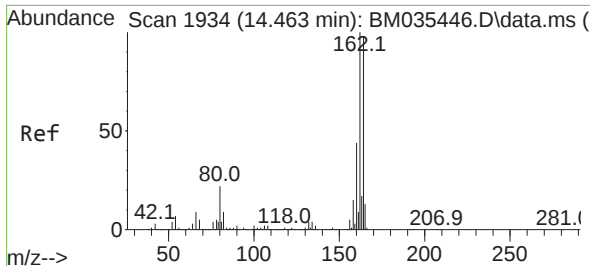
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#38
1-Methylnaphthalene
Concen: 47.632 ng
RT: 12.481 min Scan# 1597
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

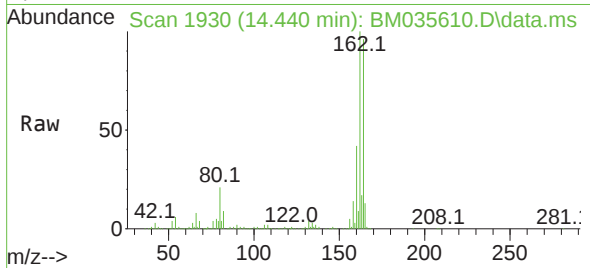
Tgt Ion:142 Resp: 1311476
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4
116 3.4 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

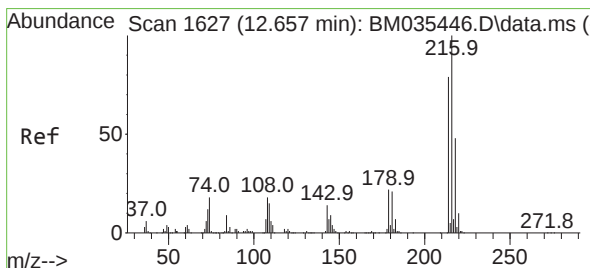
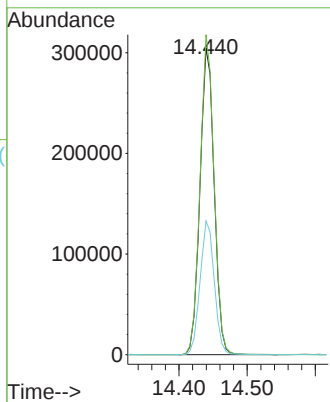
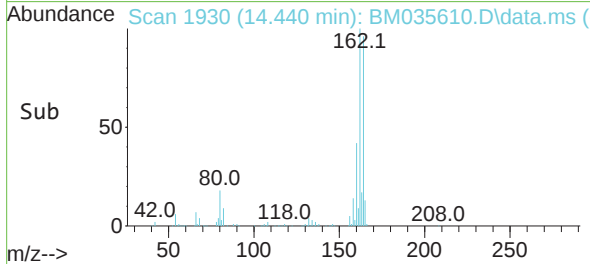
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:164 Resp: 440952
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.6
160 43.6 37.0 55.4

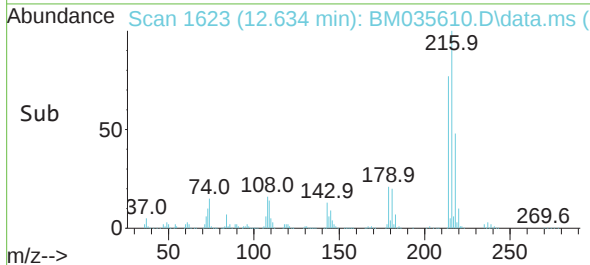
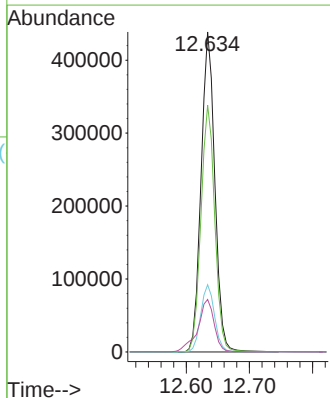
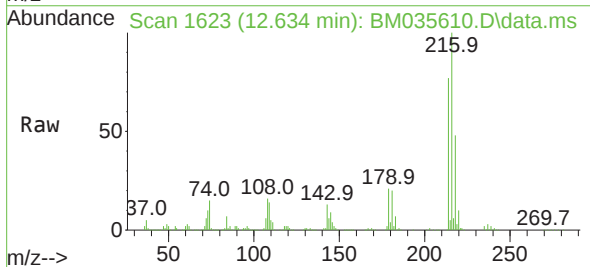
Manual Integrations
APPROVED

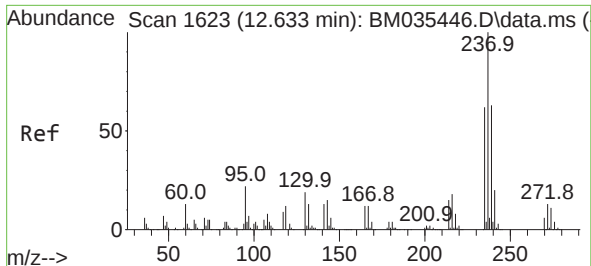
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.362 ng
RT: 12.634 min Scan# 1623
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

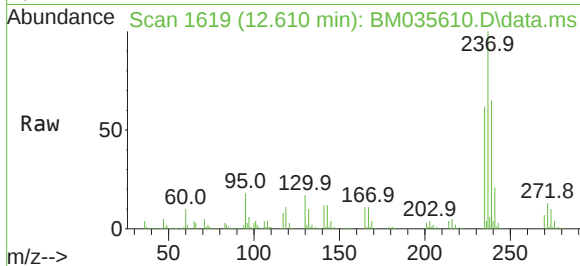
Tgt Ion:216 Resp: 663156
Ion Ratio Lower Upper
216 100
214 77.9 62.6 94.0
179 21.3 18.2 27.2
108 19.5 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 128.117 ng
RT: 12.610 min Scan# 1619
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

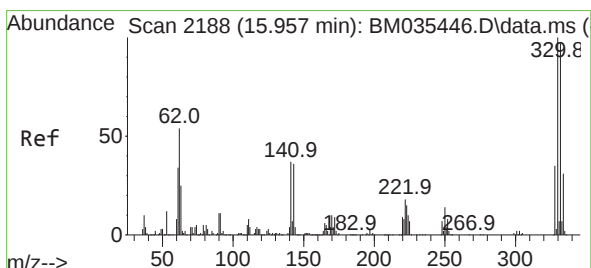
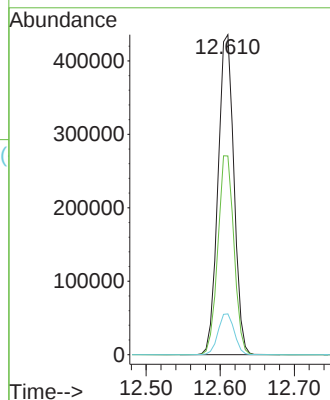
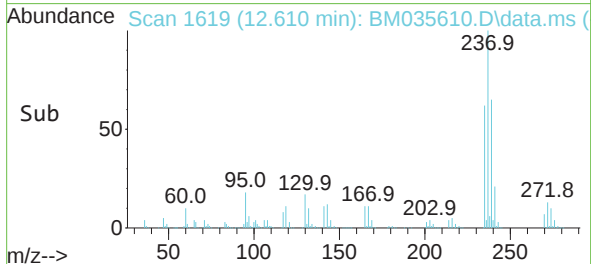
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



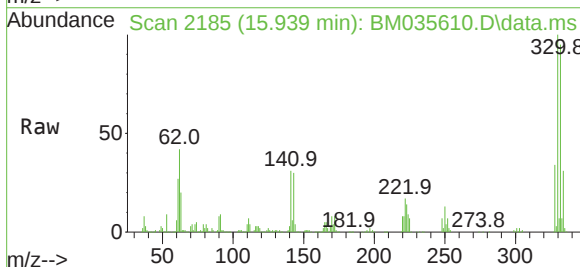
Tgt Ion:237 Resp: 649408
Ion Ratio Lower Upper
237 100
235 62.1 43.8 83.8
272 12.8 0.0 32.5

Manual Integrations
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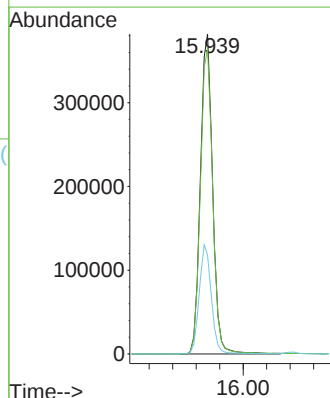
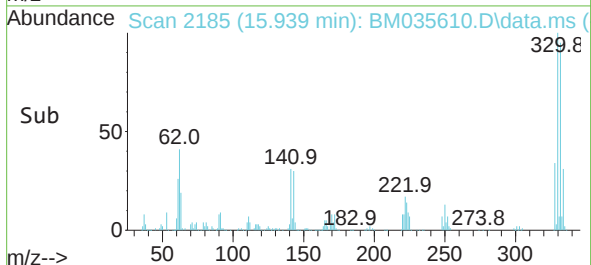
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

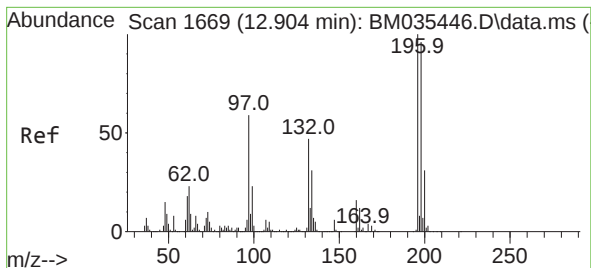


#42
2,4,6-Tribromophenol
Concen: 117.223 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



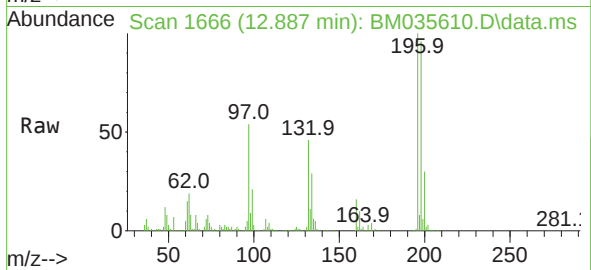
Tgt Ion:330 Resp: 550320
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 33.8 35.3 52.9#





#43
2,4,6-Trichlorophenol
Concen: 50.158 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

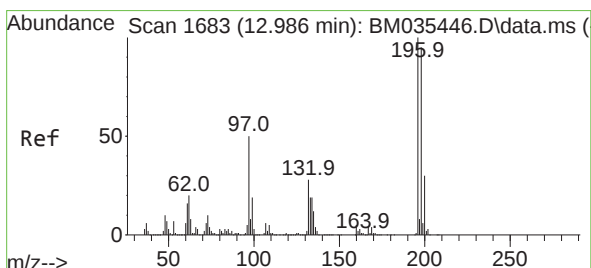
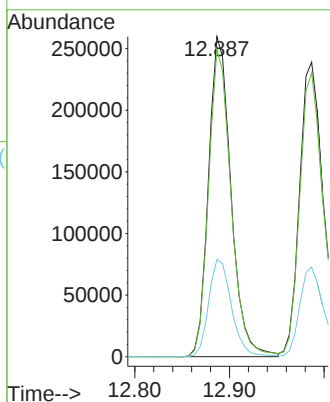
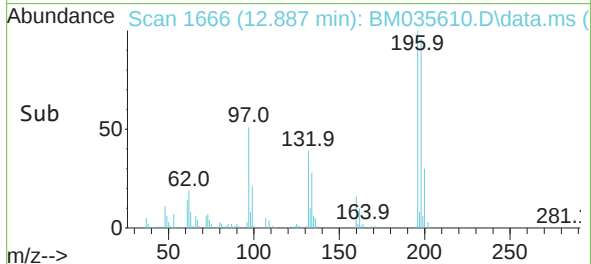
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



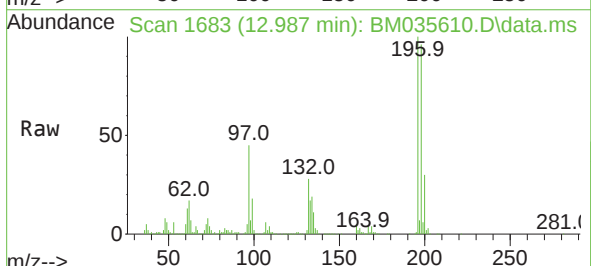
Tgt Ion:196 Resp: 427574
Ion Ratio Lower Upper
196 100
198 96.1 75.8 113.6
200 30.4 24.9 37.3

Manual Integrations
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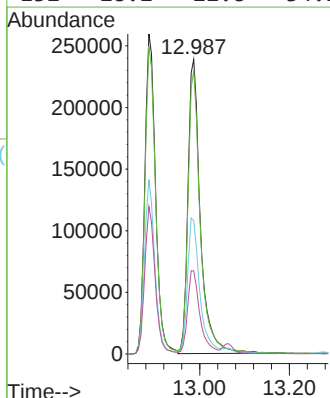
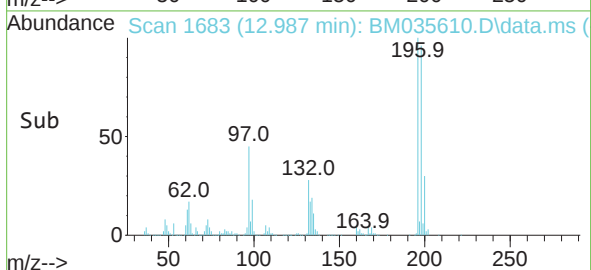
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

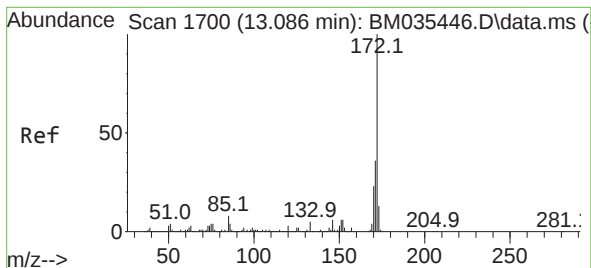


#44
2,4,5-Trichlorophenol
Concen: 50.065 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



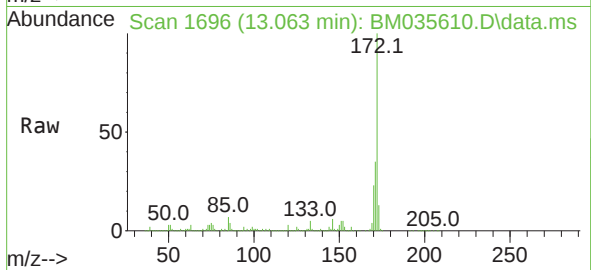
Tgt Ion:196 Resp: 460410
Ion Ratio Lower Upper
196 100
198 96.3 77.8 116.6
97 45.2 43.4 65.2
132 28.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 76.281 ng
RT: 13.063 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

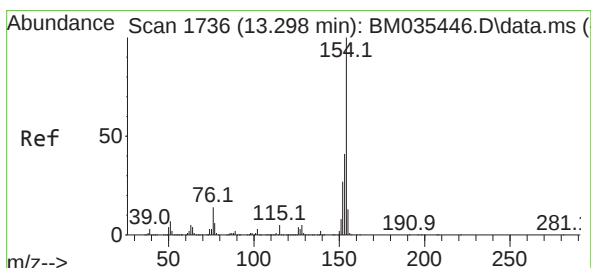
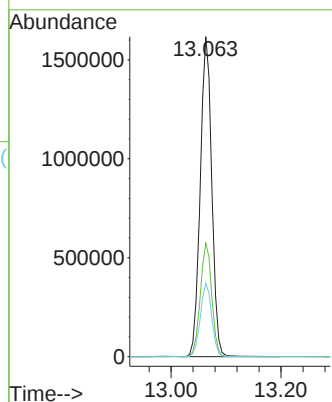
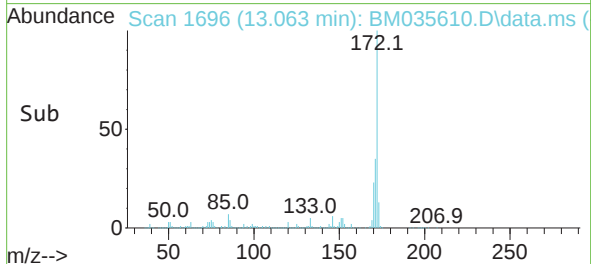
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



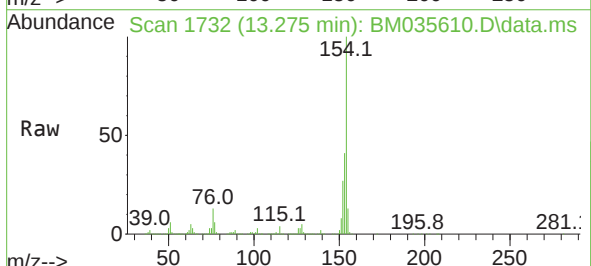
Tgt Ion:172 Resp: 235445
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.9 18.7 28.1

Manual Integrations
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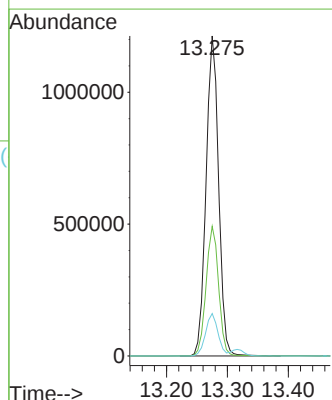
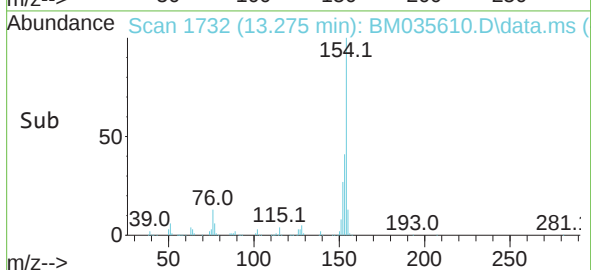
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

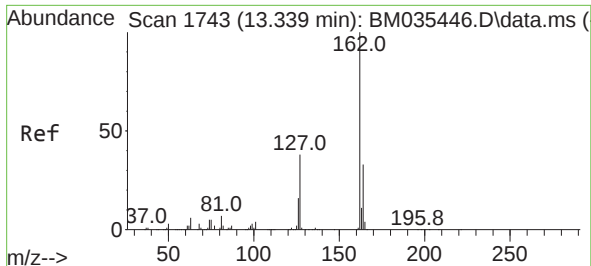


#46
1,1'-Biphenyl
Concen: 50.715 ng
RT: 13.275 min Scan# 1732
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



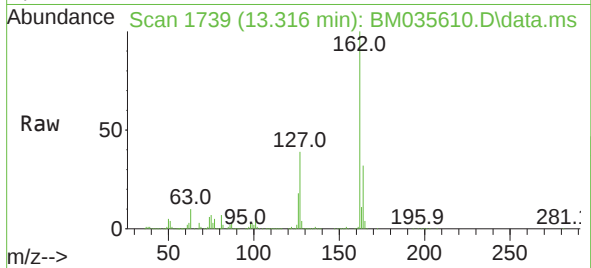
Tgt Ion:154 Resp: 1741685
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 13.2 0.0 31.8





#47
2-Chloronaphthalene
Concen: 51.375 ng
RT: 13.316 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

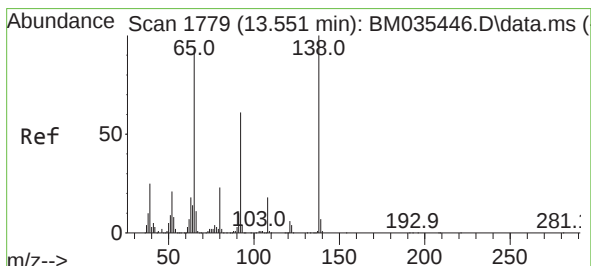
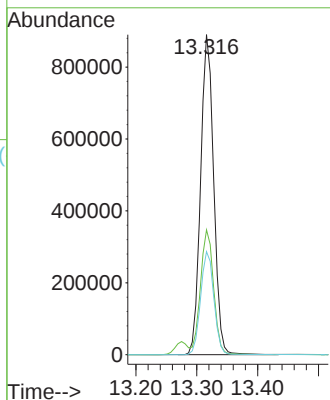
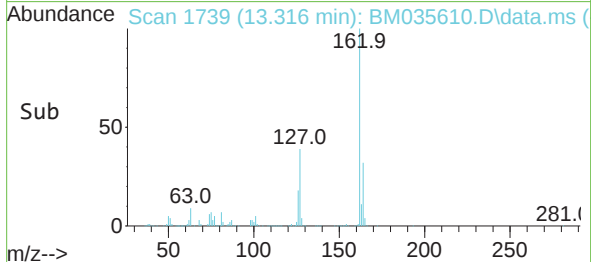
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



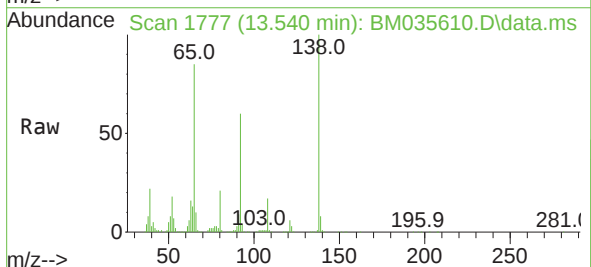
Tgt Ion:162 Resp: 132688
Ion Ratio Lower Upper
162 100
127 39.0 30.6 45.8
164 32.2 26.6 39.8

Manual Integrations
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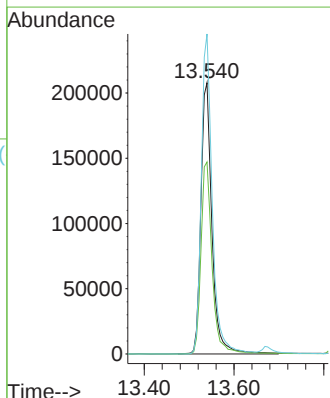
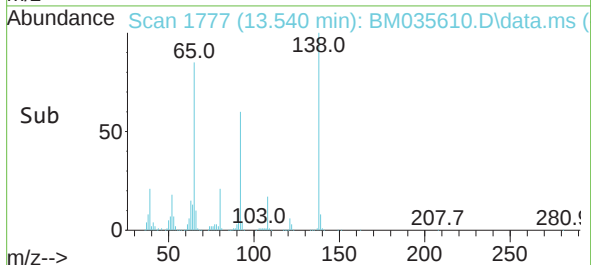
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

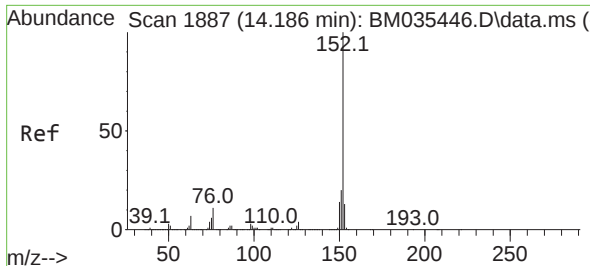


#48
2-Nitroaniline
Concen: 45.515 ng
RT: 13.540 min Scan# 1777
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



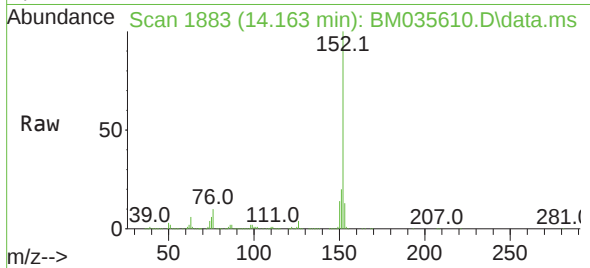
Tgt Ion: 65 Resp: 355852
Ion Ratio Lower Upper
65 100
92 70.8 53.7 80.5
138 118.0 83.9 125.9





#49
Acenaphthylene
Concen: 51.174 ng
RT: 14.163 min Scan# 1883
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

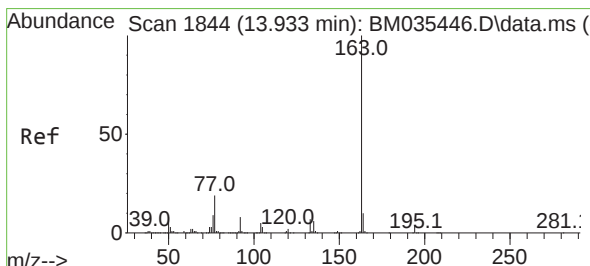
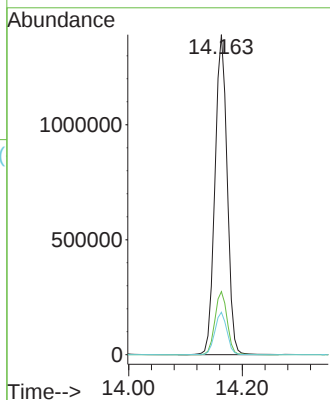
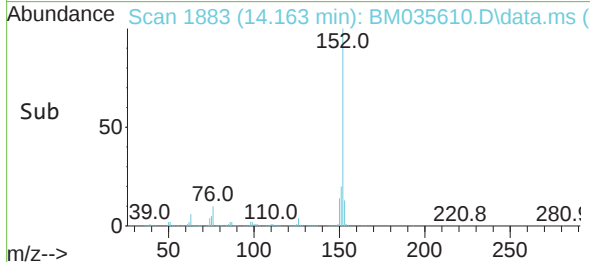
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



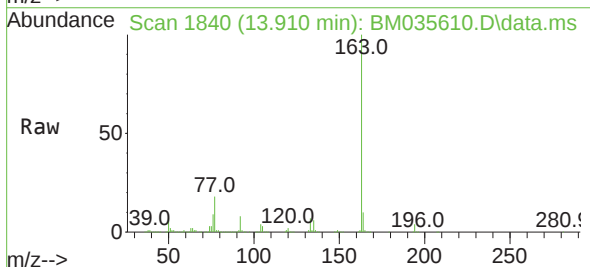
Tgt Ion:152 Resp: 207029
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.5 15.7

Manual Integrations
APPROVED

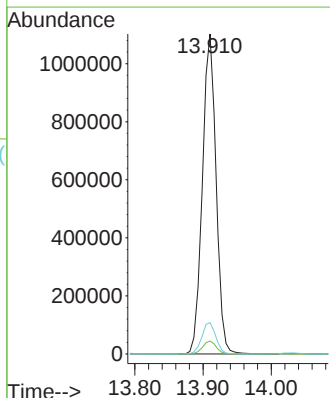
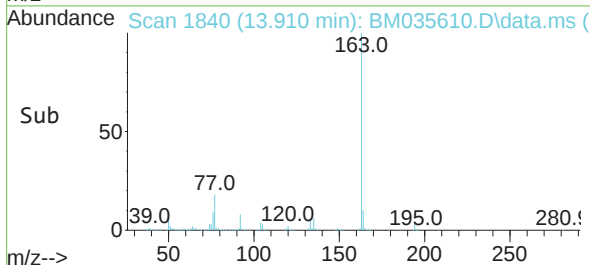
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

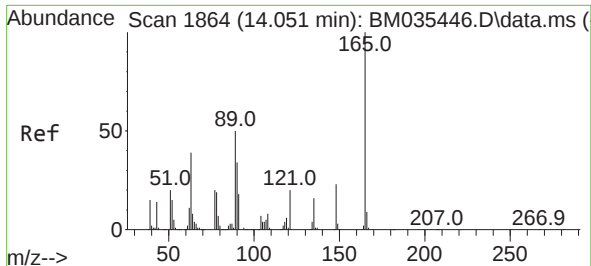


#50
Dimethylphthalate
Concen: 47.430 ng
RT: 13.910 min Scan# 1840
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



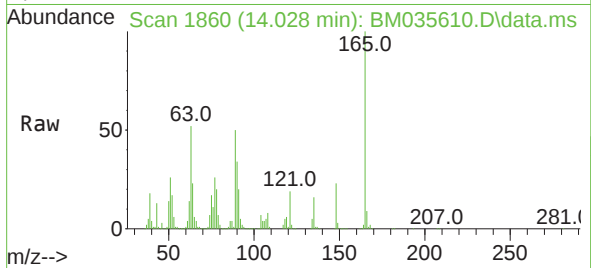
Tgt Ion:163 Resp: 1539043
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.8 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 51.504 ng
RT: 14.028 min Scan# 1860
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

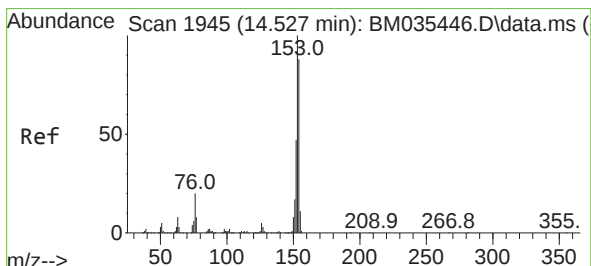
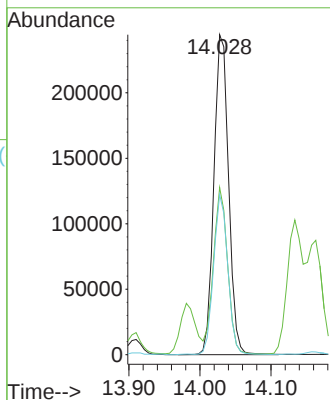
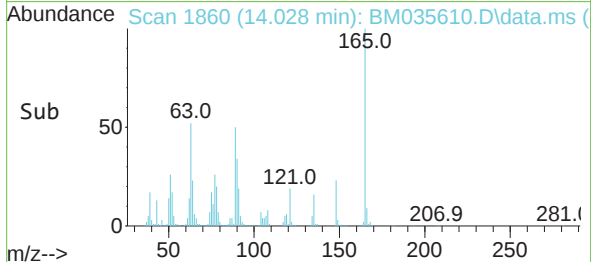
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:165 Resp: 349848
Ion Ratio Lower Upper
165 100
63 52.3 50.2 75.2
89 50.1 48.4 72.6

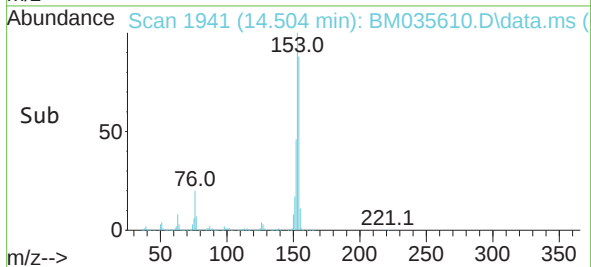
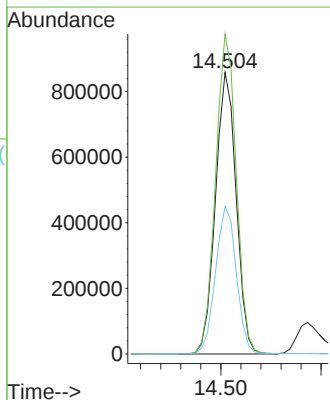
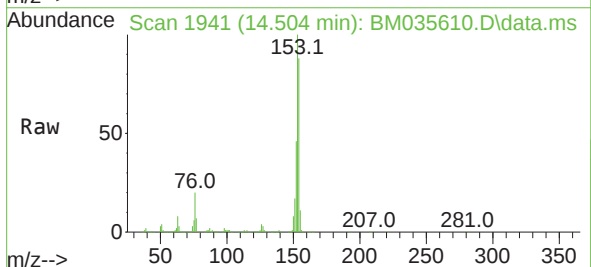
Manual Integrations
APPROVED

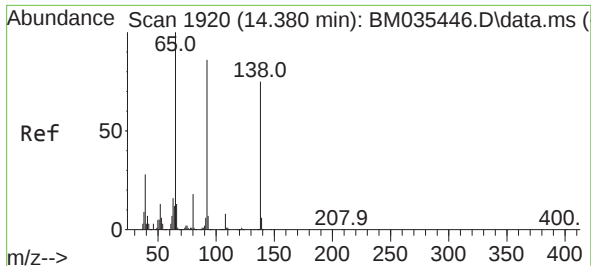
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#52
Acenaphthene
Concen: 52.262 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

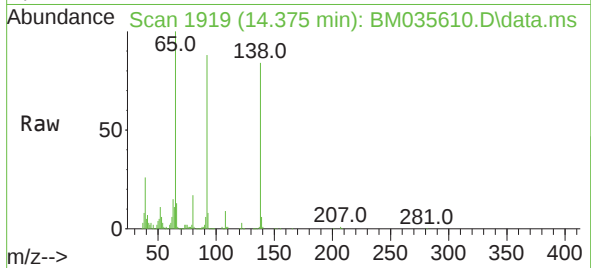
Tgt Ion:154 Resp: 1231604
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.6
152 52.5 43.4 65.2





#53
3-Nitroaniline
Concen: 19.326 ng
RT: 14.375 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

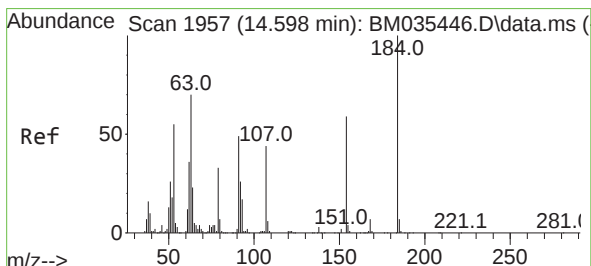
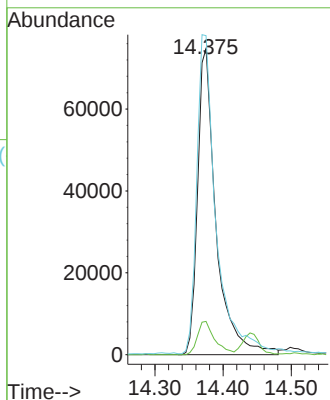
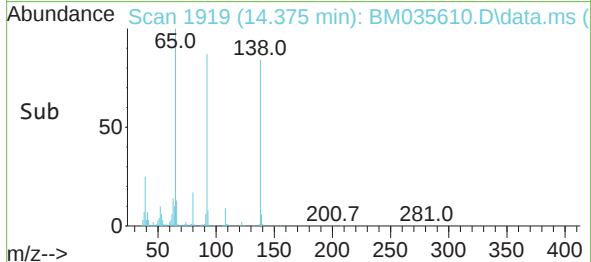
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



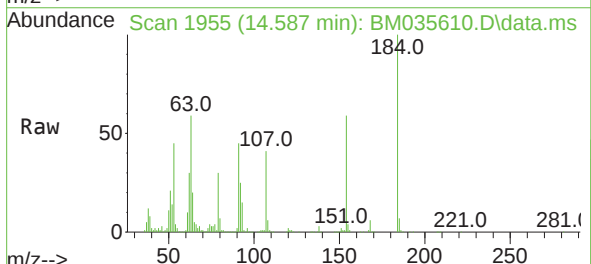
Tgt Ion:138 Resp: 14088
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 104.3 91.5 137.3

Manual Integrations
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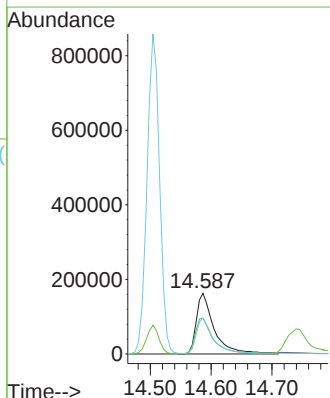
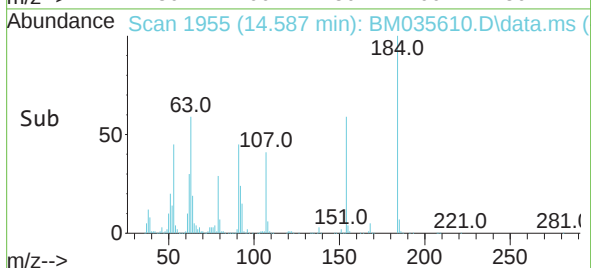
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

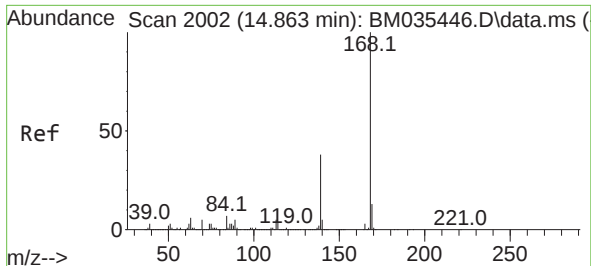


#54
2,4-Dinitrophenol
Concen: 77.658 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



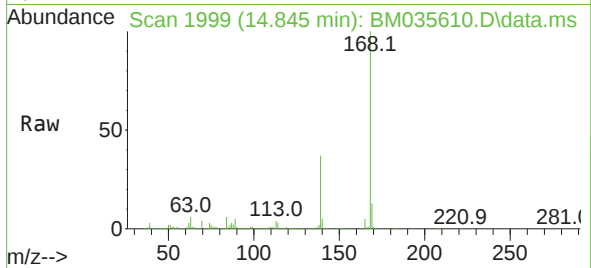
Tgt Ion:184 Resp: 331264
Ion Ratio Lower Upper
184 100
63 59.1 59.5 89.3#
154 59.2 55.6 83.4





#55
Dibenzofuran
Concen: 49.964 ng
RT: 14.845 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

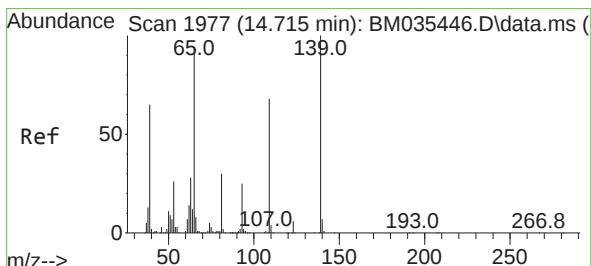
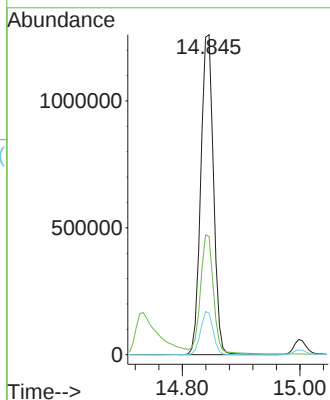
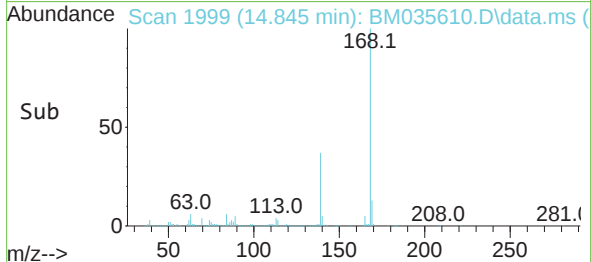
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



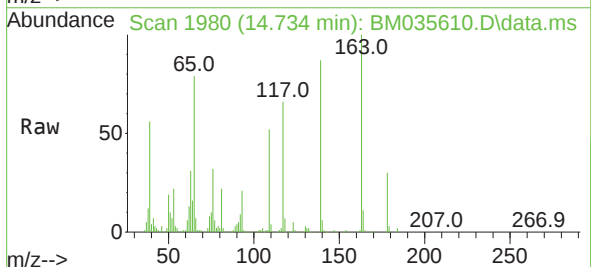
Tgt Ion:168 Resp: 188641
Ion Ratio Lower Upper
168 100
139 36.9 32.2 48.2
169 13.0 10.6 16.0

Manual Integrations
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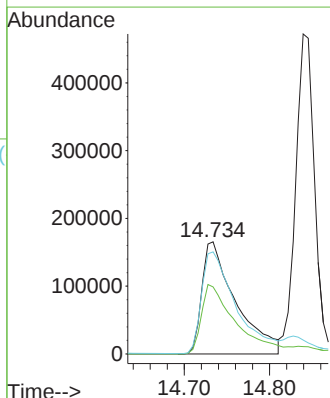
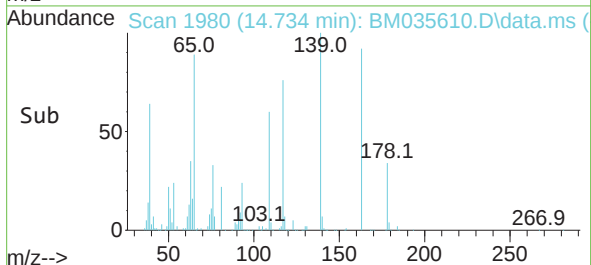
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

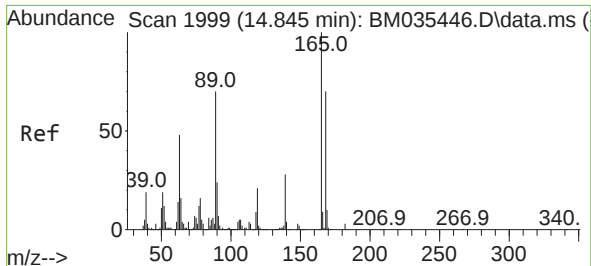


#56
4-Nitrophenol
Concen: 79.340 ng
RT: 14.734 min Scan# 1980
Delta R.T. -0.017 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



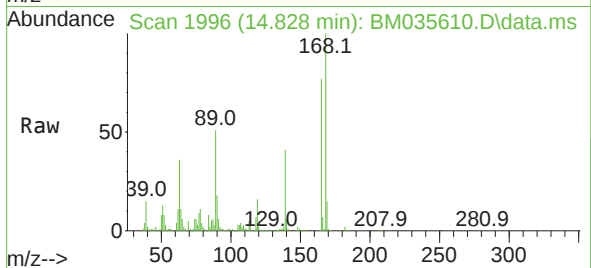
Tgt Ion:139 Resp: 456199
Ion Ratio Lower Upper
139 100
109 59.8 62.5 102.5#
65 90.9 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 53.301 ng
RT: 14.828 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

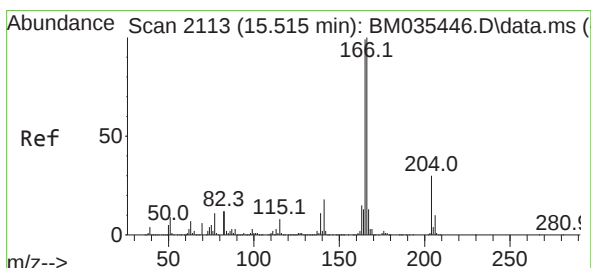
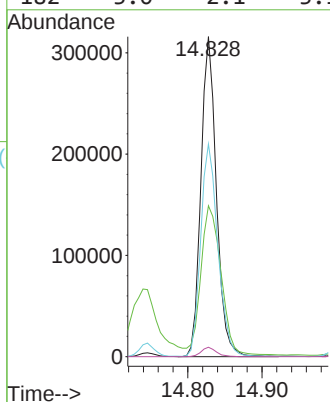
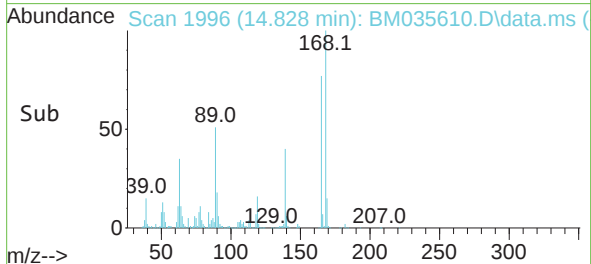
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:165 Resp: 45976
Ion Ratio Lower Upper
165 100
63 47.2 35.6 53.4
89 66.4 57.3 85.9
182 3.0 2.1 3.1

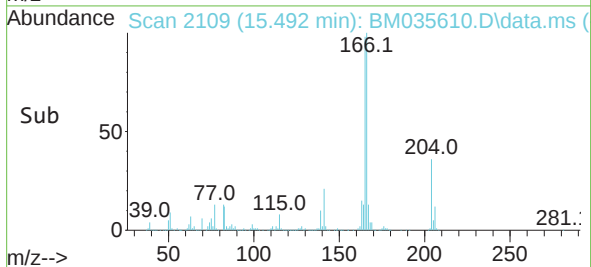
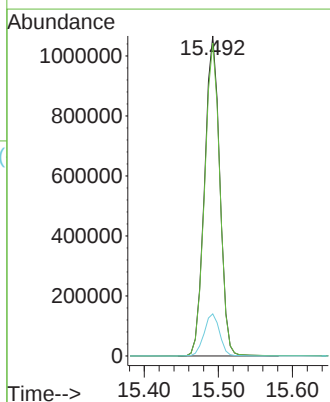
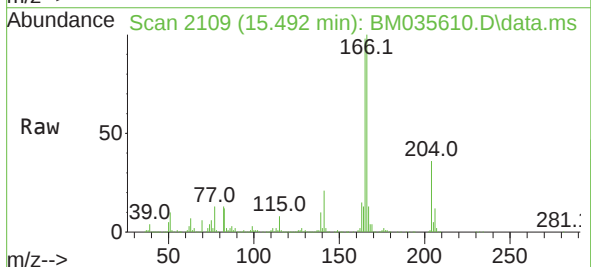
Manual Integrations
APPROVED

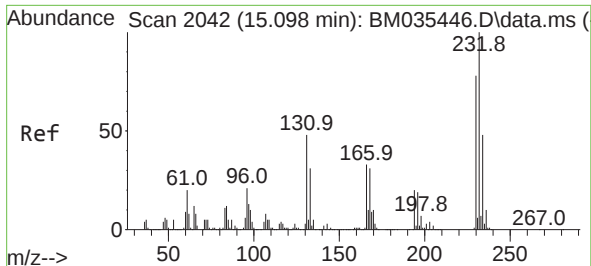
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#58
Fluorene
Concen: 51.442 ng
RT: 15.492 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

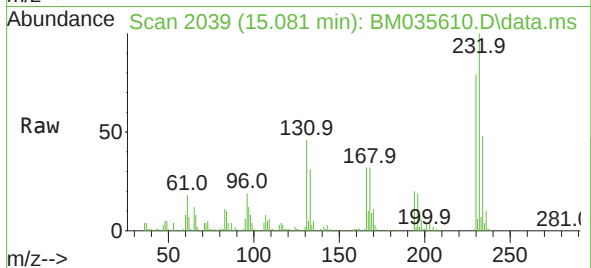
Tgt Ion:166 Resp: 1517268
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.2
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.240 ng
RT: 15.081 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

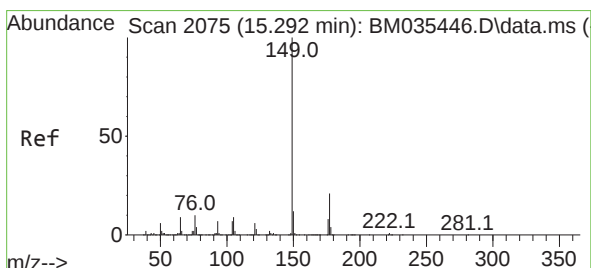
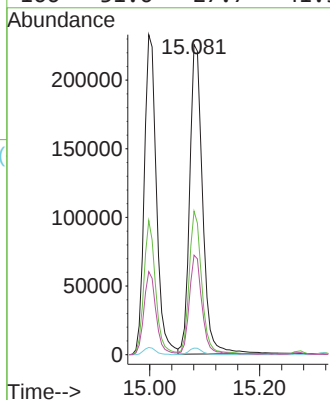
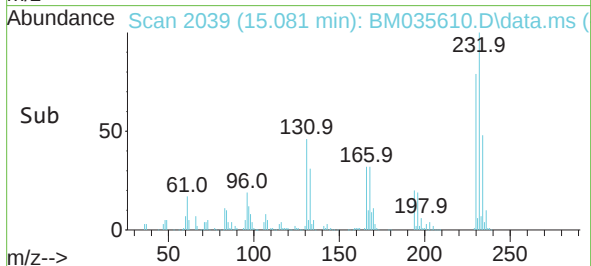
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:232 Resp: 367431
Ion Ratio Lower Upper
232 100
131 44.3 41.0 61.6
130 2.2 2.3 3.5
166 31.6 27.7 41.5

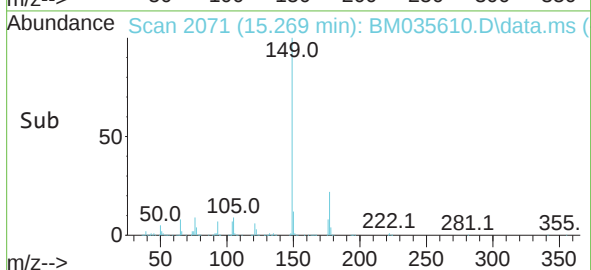
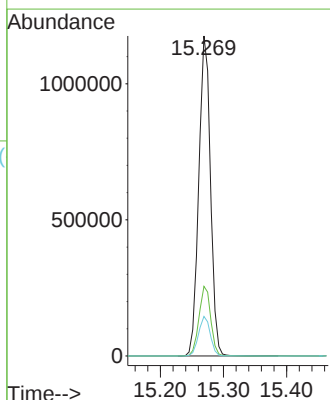
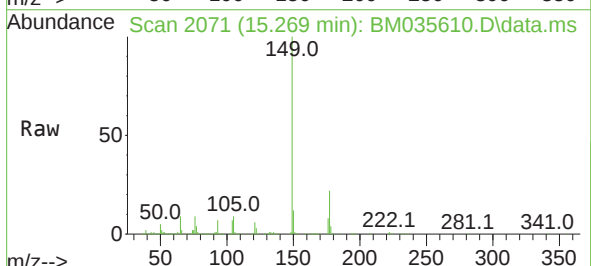
Manual Integrations
APPROVED

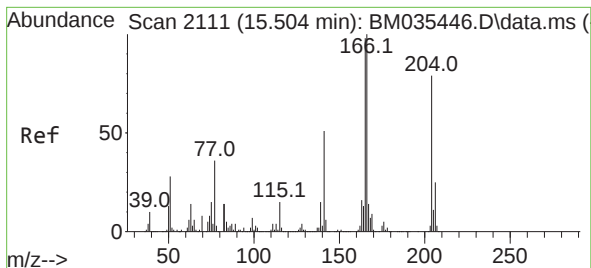
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#60
Diethylphthalate
Concen: 47.456 ng
RT: 15.269 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

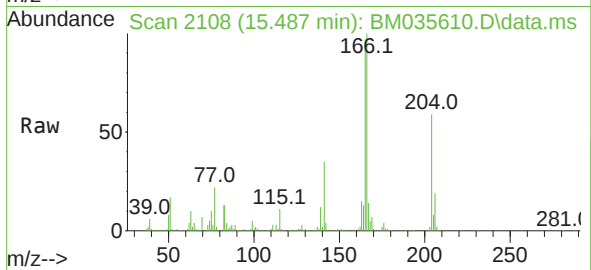
Tgt Ion:149 Resp: 1507011
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.260 ng
RT: 15.487 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

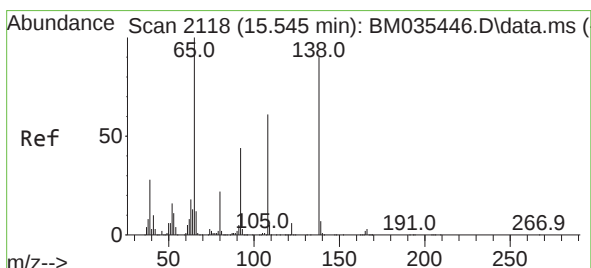
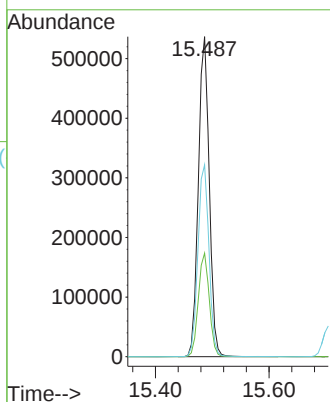
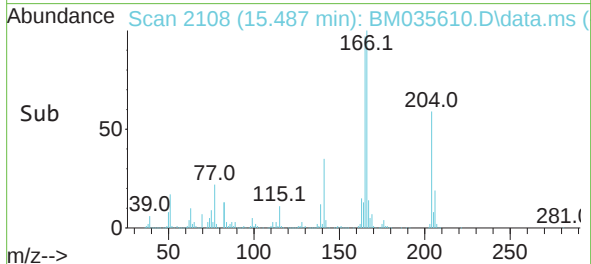
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



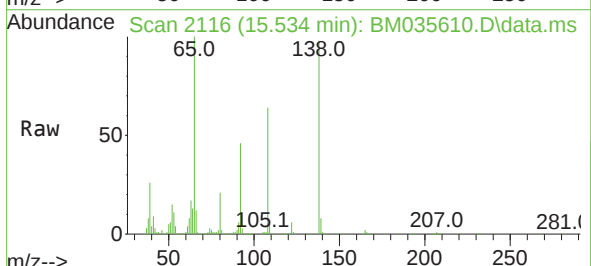
Tgt Ion:204 Resp: 717334
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 59.9 51.2 76.8

Manual Integrations
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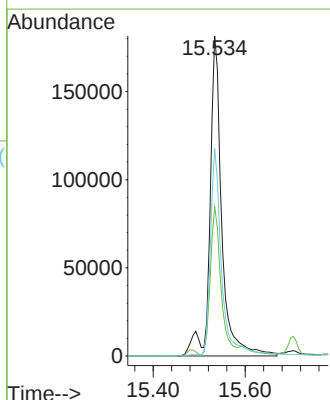
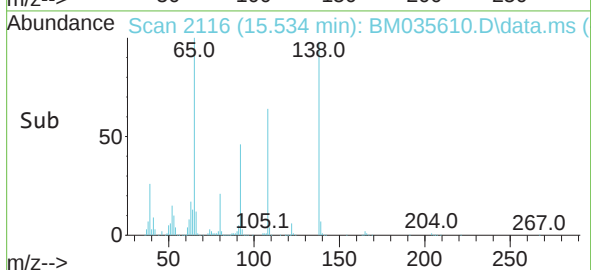
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

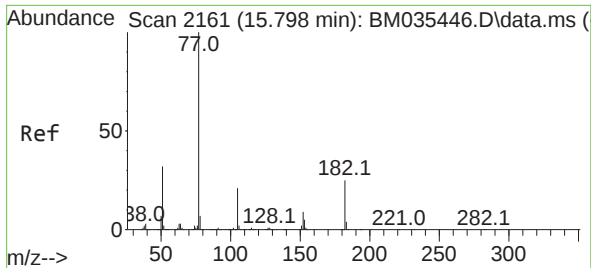


#62
4-Nitroaniline
Concen: 46.257 ng m
RT: 15.534 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



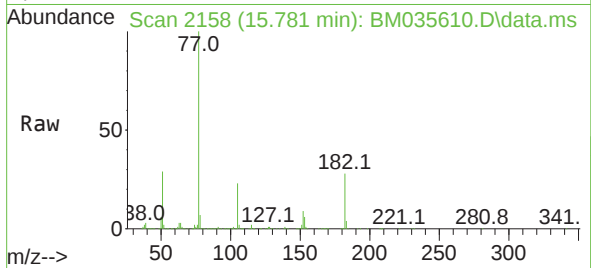
Tgt Ion:138 Resp: 326349
Ion Ratio Lower Upper
138 100
92 46.6 30.8 70.8
108 64.9 65.7 105.7#





#63
Azobenzene
Concen: 45.181 ng
RT: 15.781 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

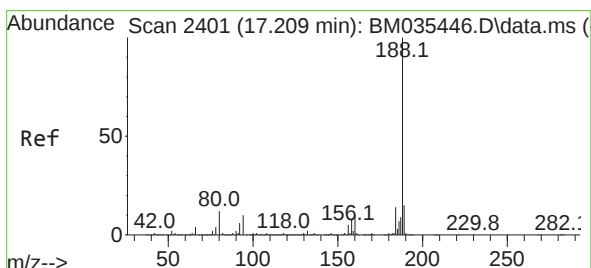
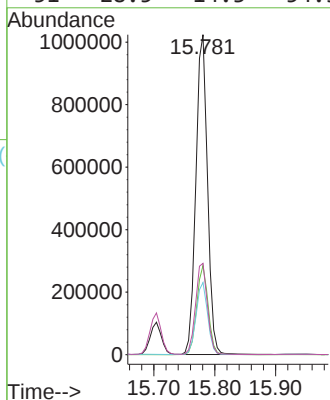
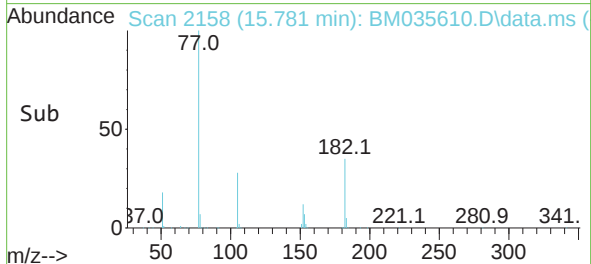
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



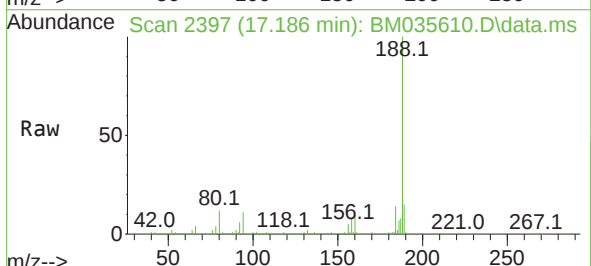
Tgt Ion: 77 Resp: 1358960
Ion Ratio Lower Upper
77 100
182 27.8 4.9 44.9
105 22.5 0.0 39.6
51 28.5 14.3 54.3

Manual Integrations
APPROVED

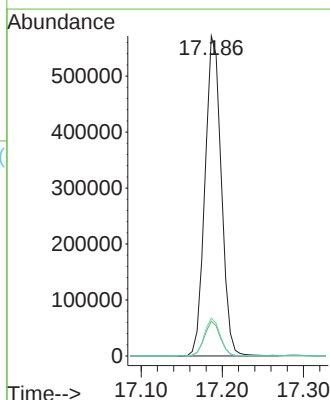
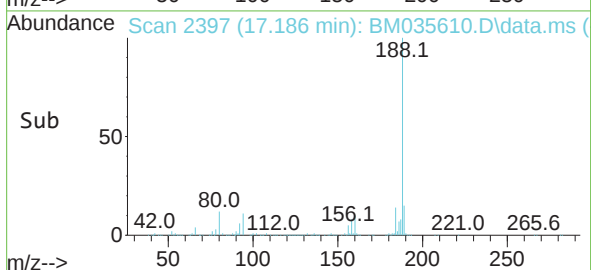
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

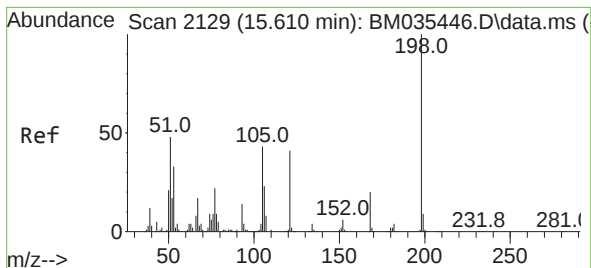


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



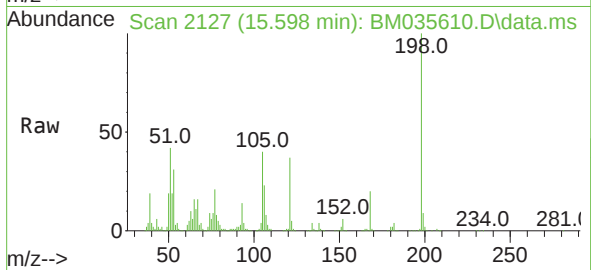
Tgt Ion:188 Resp: 795693
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.4#
80 11.9 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 44.694 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

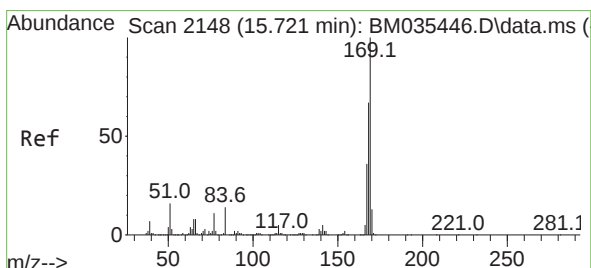
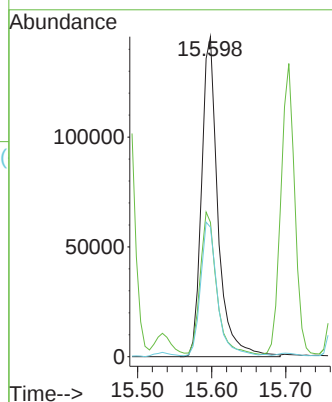
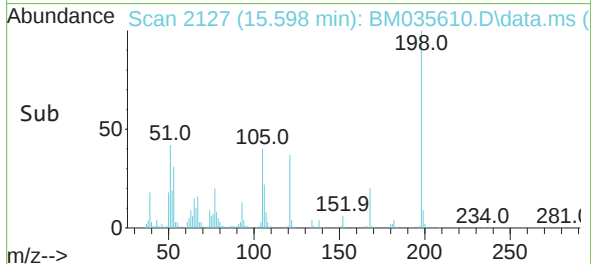
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:198 Resp: 223908
Ion Ratio Lower Upper
198 100
51 42.0 29.0 69.0
105 40.4 22.1 62.1

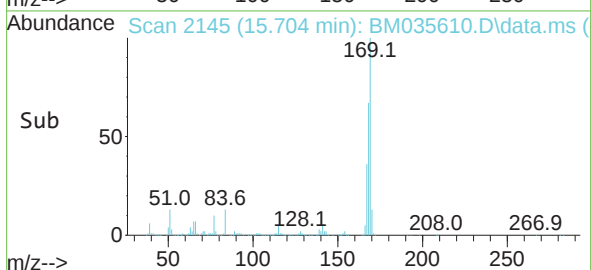
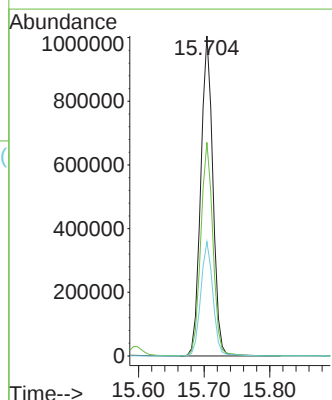
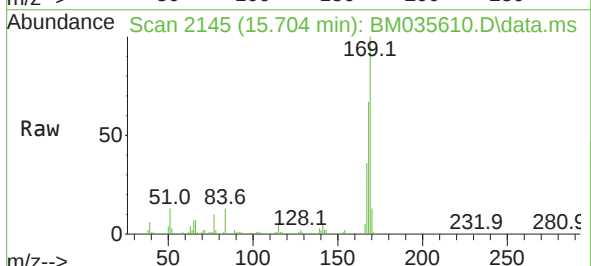
Manual Integrations
APPROVED

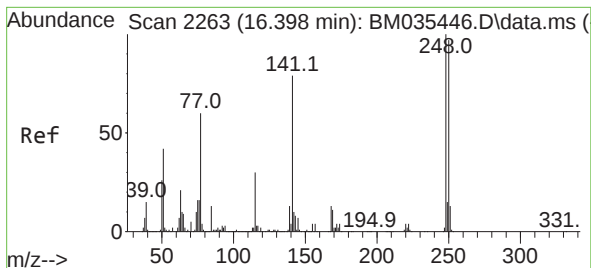
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#66
n-Nitrosodiphenylamine
Concen: 54.721 ng
RT: 15.704 min Scan# 2145
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

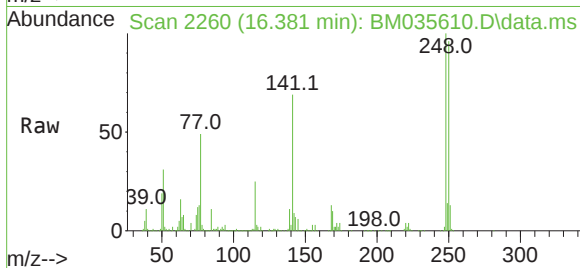
Tgt Ion:169 Resp: 1296609
Ion Ratio Lower Upper
169 100
168 66.7 54.3 81.5
167 35.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 52.795 ng
RT: 16.381 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

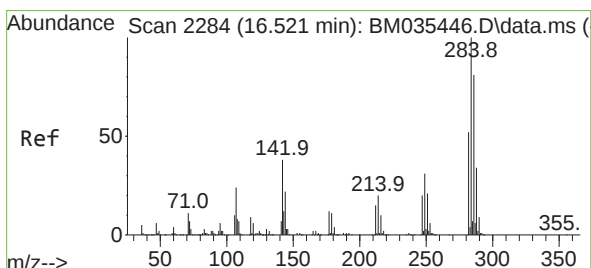
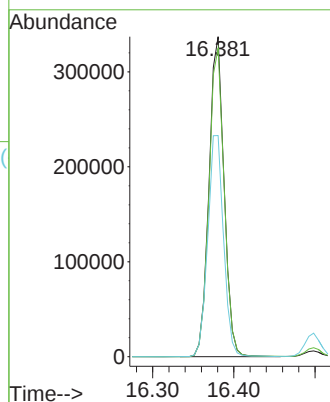
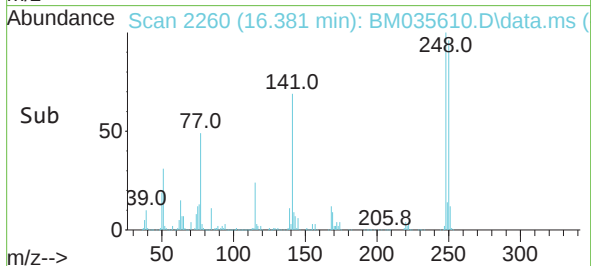
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



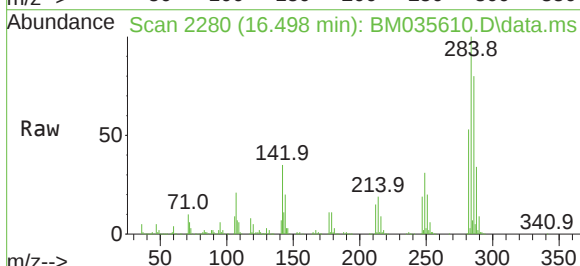
Tgt Ion:248 Resp: 43344
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 69.1 66.0 99.0

Manual Integrations
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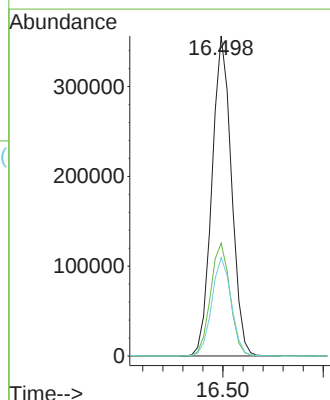
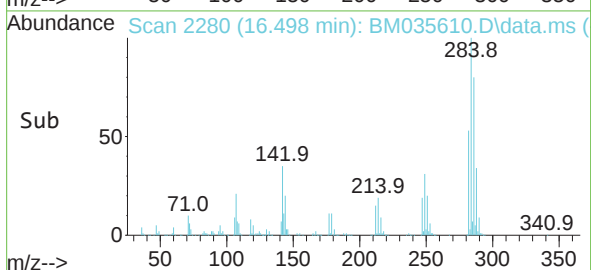
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

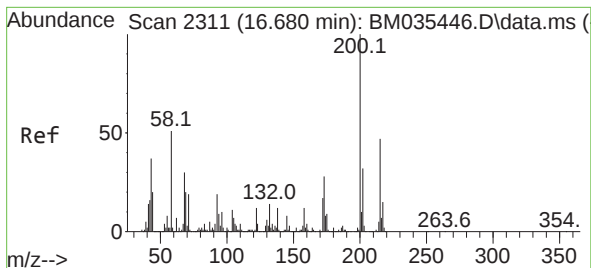


#68
Hexachlorobenzene
Concen: 53.679 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



Tgt Ion:284 Resp: 481823
Ion Ratio Lower Upper
284 100
142 35.3 33.6 50.4
249 30.7 26.2 39.2





#69

Atrazine

Concen: 58.666 ng

RT: 16.663 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS

Tgt Ion:200 Resp: 421989

Ion Ratio Lower Upper

200 100

173 27.7 6.6 46.6

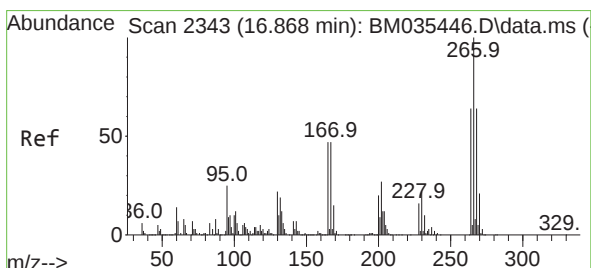
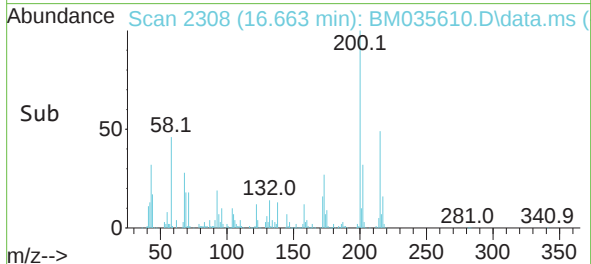
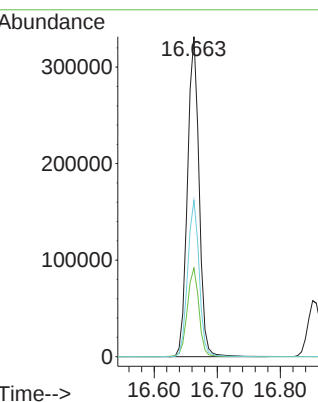
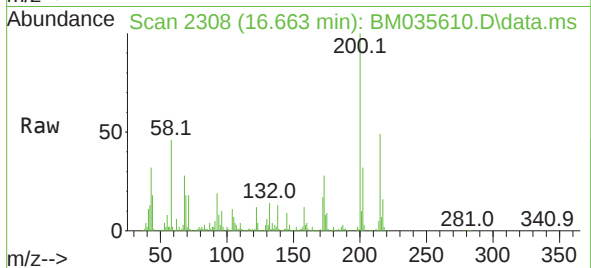
215 48.9 26.2 66.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#70

Pentachlorophenol

Concen: 106.962 ng

RT: 16.851 min Scan# 2340

Delta R.T. -0.011 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

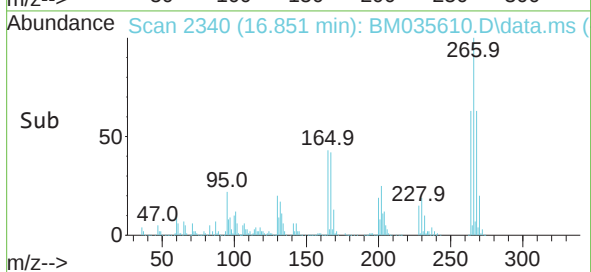
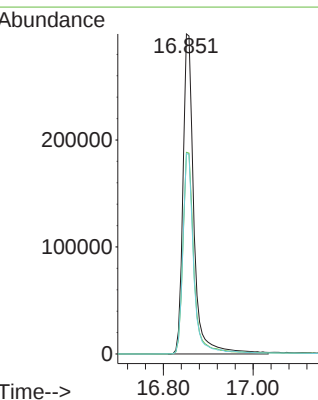
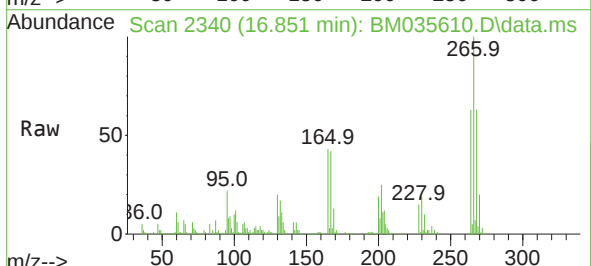
Tgt Ion:266 Resp: 505537

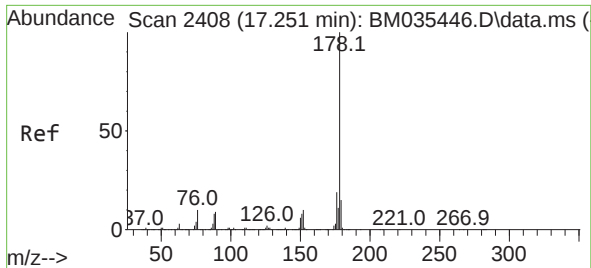
Ion Ratio Lower Upper

266 100

268 63.0 51.9 77.9

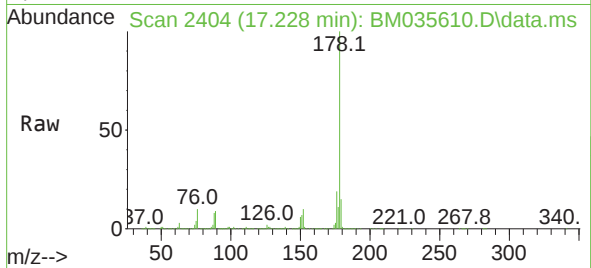
264 62.7 50.6 76.0





#71
Phenanthrene
Concen: 51.895 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

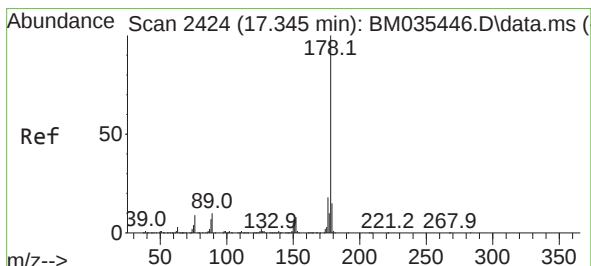
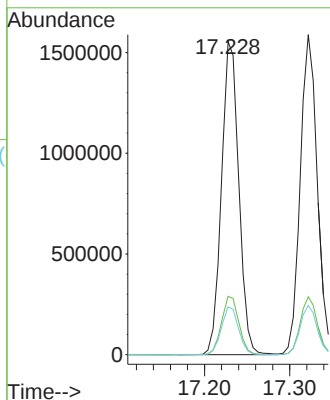
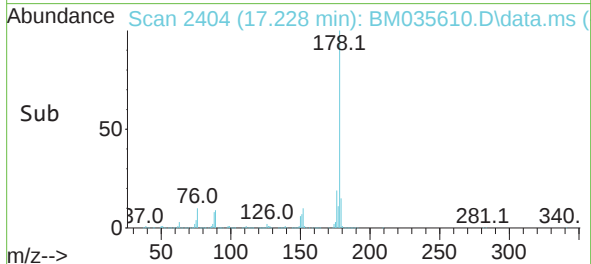
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:178 Resp: 2191492
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.3 12.4 18.6

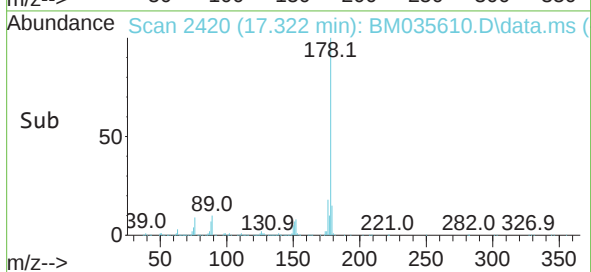
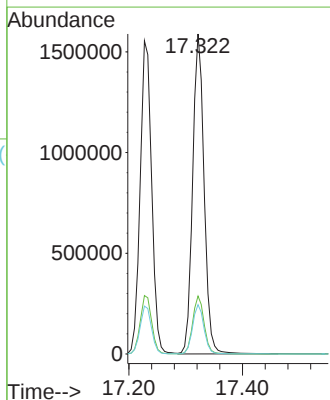
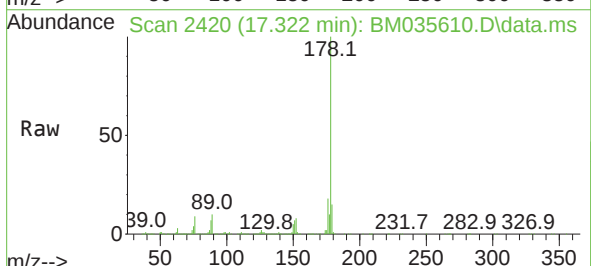
Manual Integrations
APPROVED

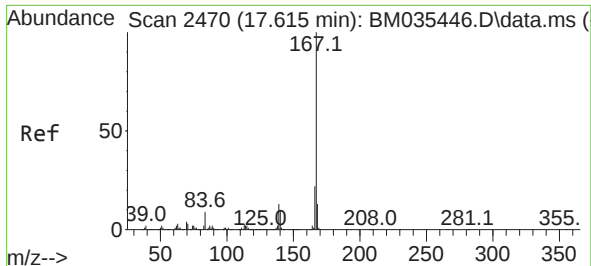
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#72
Anthracene
Concen: 54.108 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

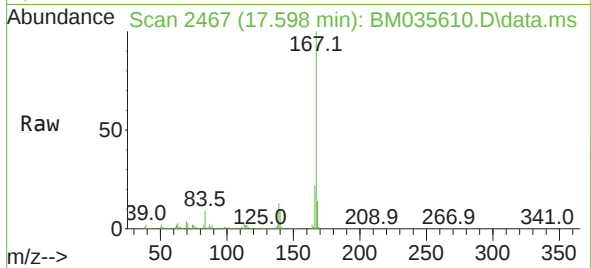
Tgt Ion:178 Resp: 2229487
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 15.4 12.2 18.2





#73
Carbazole
Concen: 50.415 ng
RT: 17.598 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

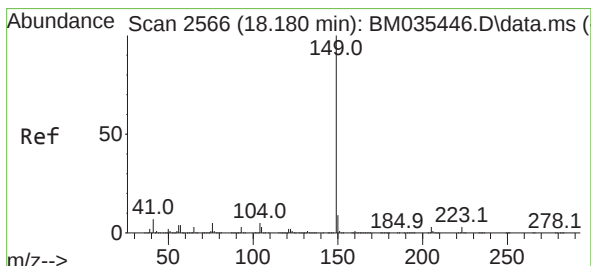
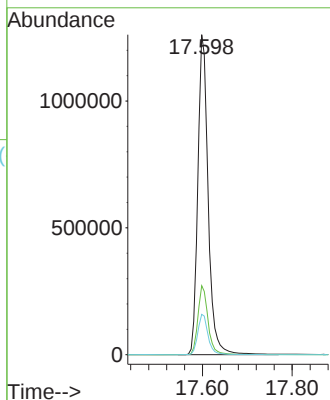
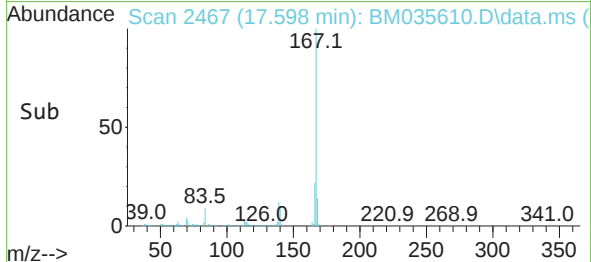
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



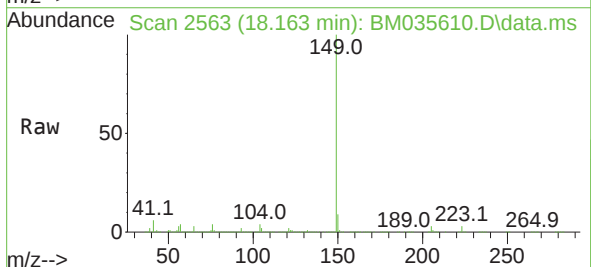
Tgt Ion:167 Resp: 2014200
Ion Ratio Lower Upper
167 100
166 21.5 17.8 26.8
139 12.6 10.9 16.3

Manual Integrations
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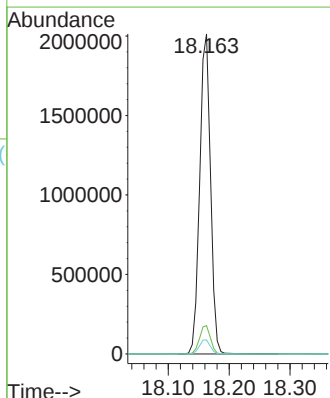
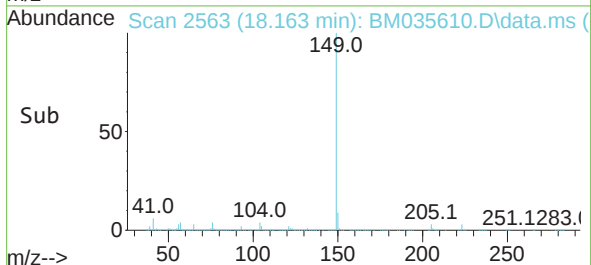
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

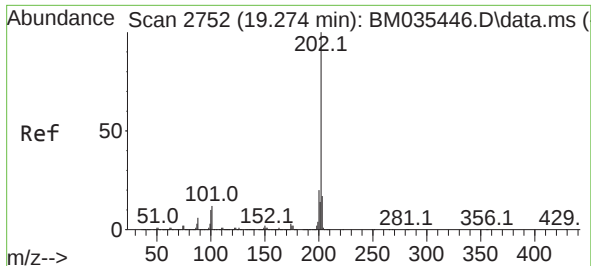


#74
Di-n-butylphthalate
Concen: 51.776 ng
RT: 18.163 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



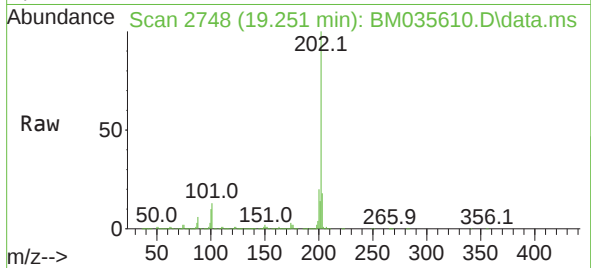
Tgt Ion:149 Resp: 2474118
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.4 4.3 6.5





#75
Fluoranthene
Concen: 53.155 ng
RT: 19.251 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

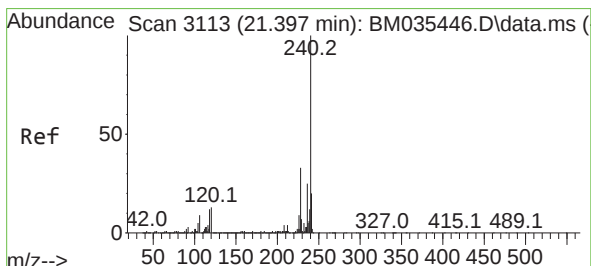
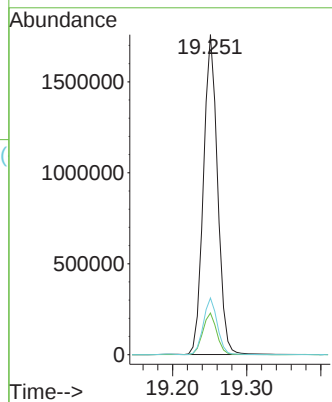
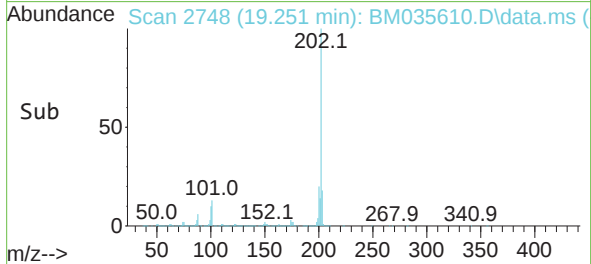
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



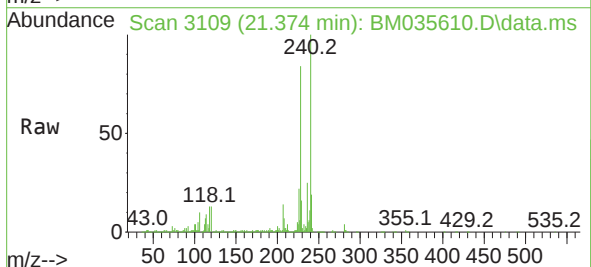
Tgt Ion:202 Resp: 2330978
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.6
203 17.7 0.0 37.4

Manual Integrations
APPROVED

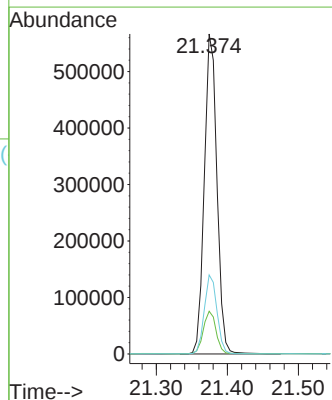
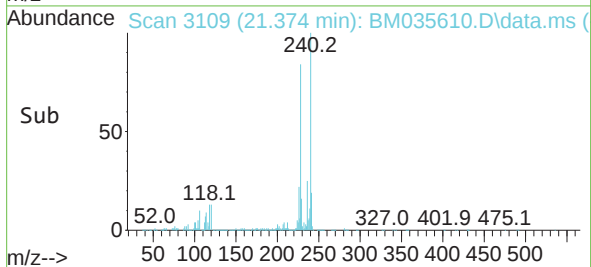
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

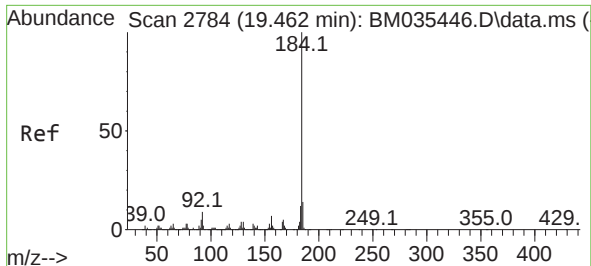


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



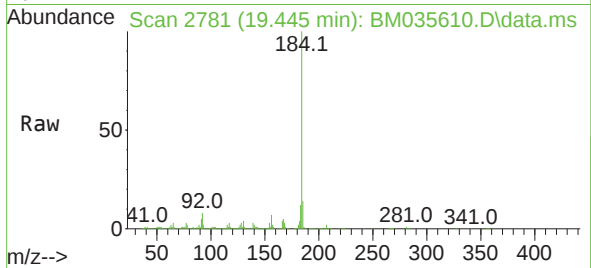
Tgt Ion:240 Resp: 702319
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.0
236 24.7 20.6 30.8





#77
Benzidine
Concen: 91.860 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

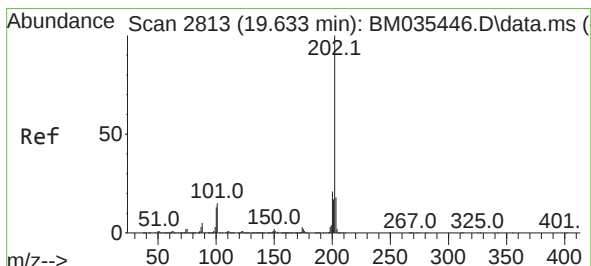
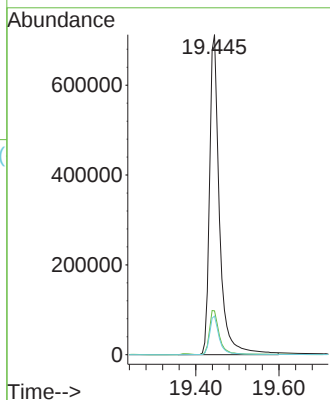
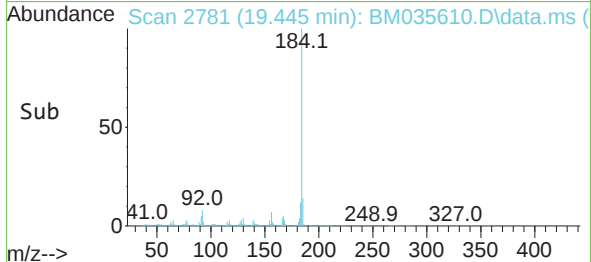
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:184 Resp: 118597
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 12.0 9.5 14.3

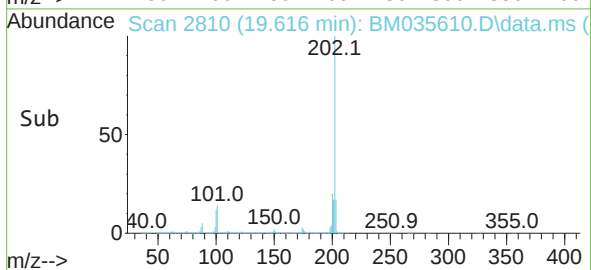
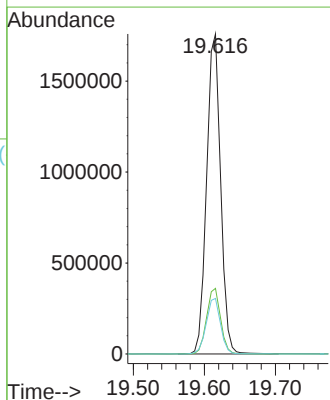
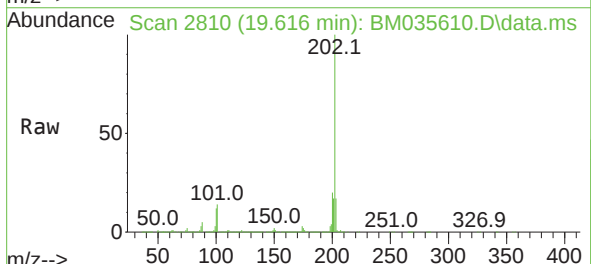
Manual Integrations
APPROVED

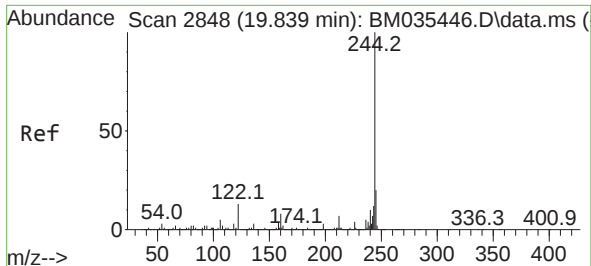
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#78
Pyrene
Concen: 48.800 ng
RT: 19.616 min Scan# 2810
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Tgt Ion:202 Resp: 2405624
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 17.4 13.9 20.9





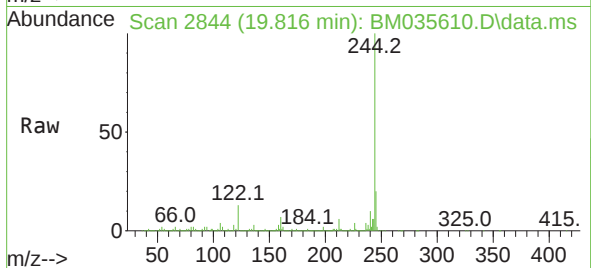
#79
 Terphenyl-d14
 Concen: 75.323 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM035610.D
 Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS

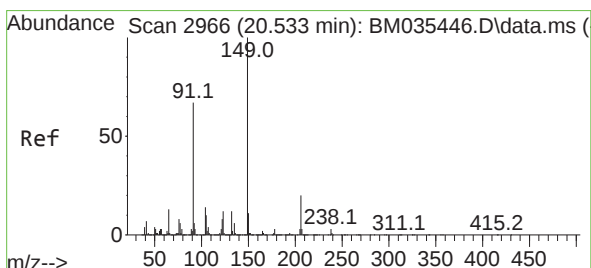
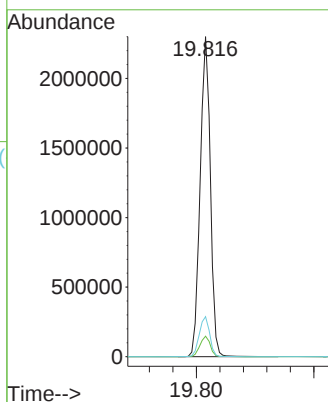
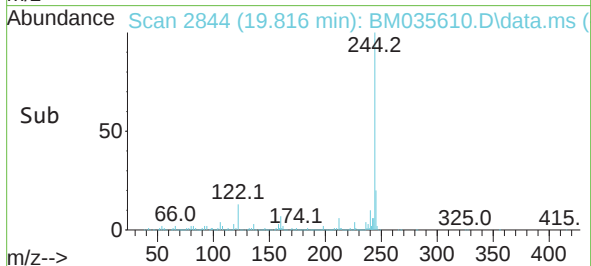


Tgt Ion:244 Resp: 277063
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.2 9.4
 122 12.5 8.3 12.5

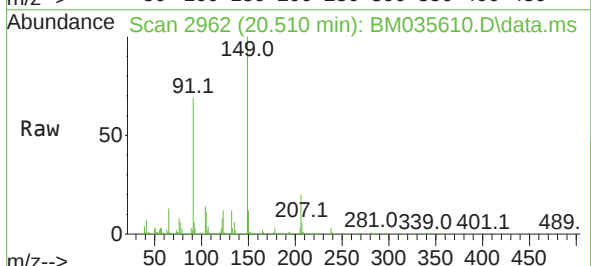
Manual Integrations

APPROVED

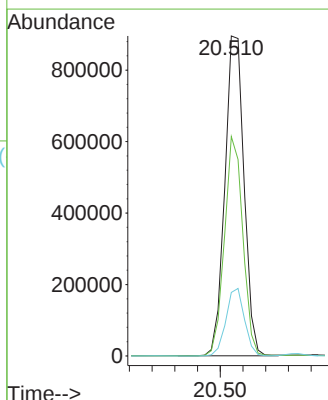
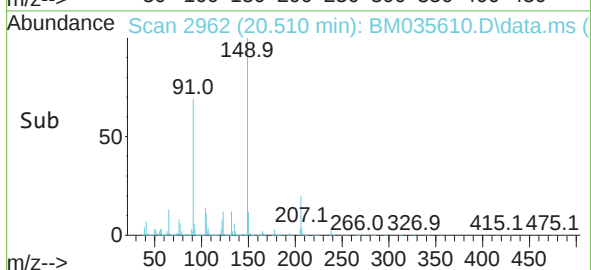
Reviewed By :Christian Giraldo 06/23/2022
 Supervised By :Jagrut Upadhyay 06/23/2022

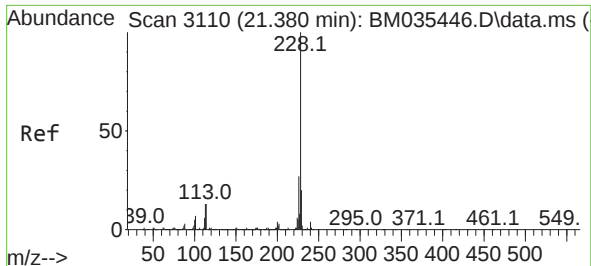


#80
 Butylbenzylphthalate
 Concen: 48.142 ng
 RT: 20.510 min Scan# 2962
 Delta R.T. -0.005 min
 Lab File: BM035610.D
 Acq: 22 Jun 2022 21:07



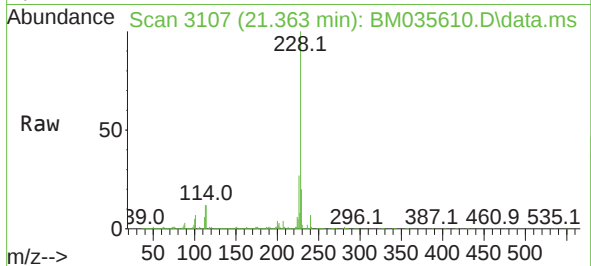
Tgt Ion:149 Resp: 1051254
 Ion Ratio Lower Upper
 149 100
 91 68.5 56.6 85.0
 206 19.9 15.4 23.0





#81
Benzo(a)anthracene
Concen: 50.942 ng
RT: 21.363 min Scan# 3110
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

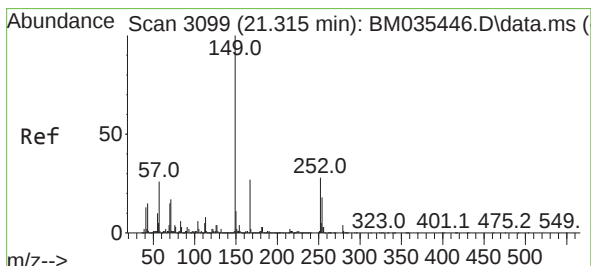
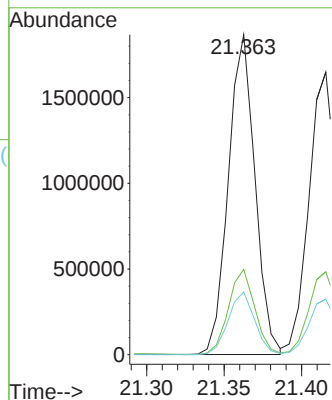
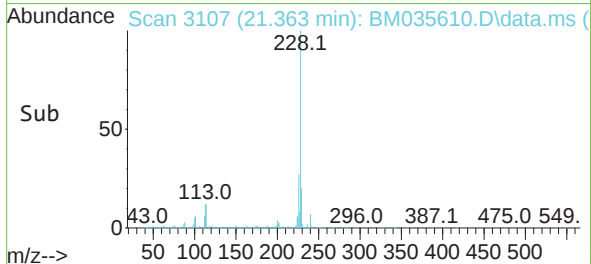
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:228 Resp: 222889
Ion Ratio Lower Upper
228 100
226 26.6 22.3 33.5
229 19.6 15.8 23.6

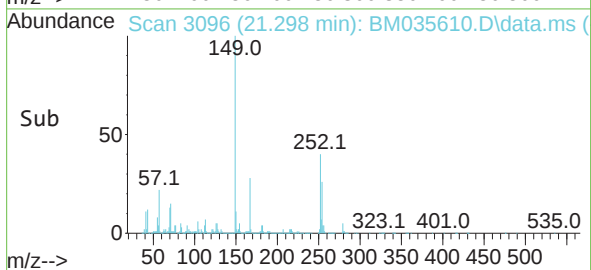
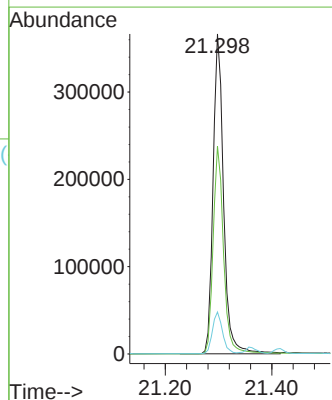
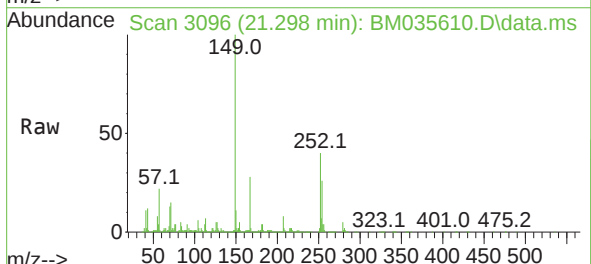
Manual Integrations
APPROVED

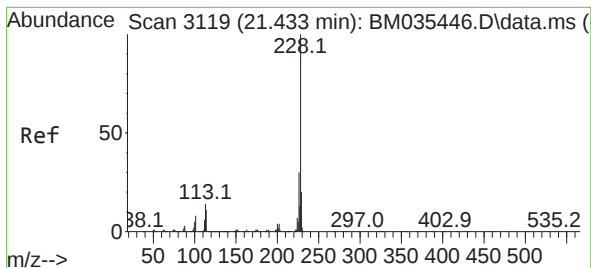
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 49.920 ng
RT: 21.298 min Scan# 3096
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Tgt Ion:252 Resp: 502837
Ion Ratio Lower Upper
252 100
254 65.0 51.7 77.5
126 13.1 9.4 14.0





#83

Chrysene

Concen: 50.761 ng

RT: 21.416 min Scan# 3116

Delta R.T. 0.001 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS

Tgt Ion:228 Resp: 214526

Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

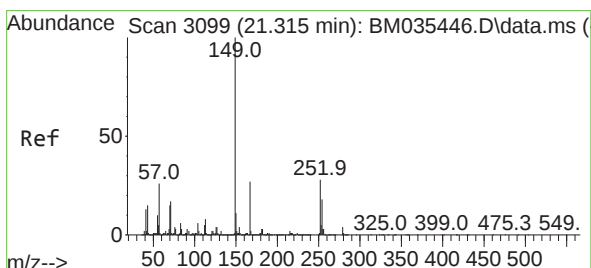
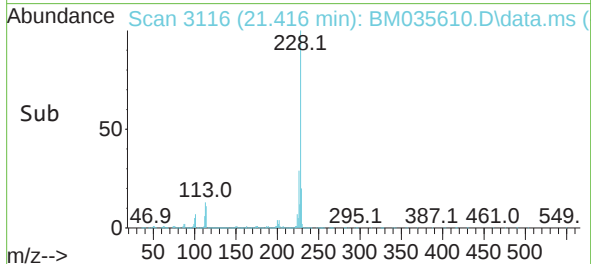
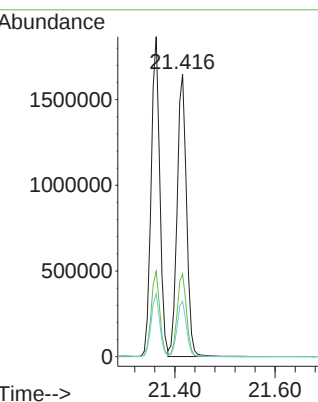
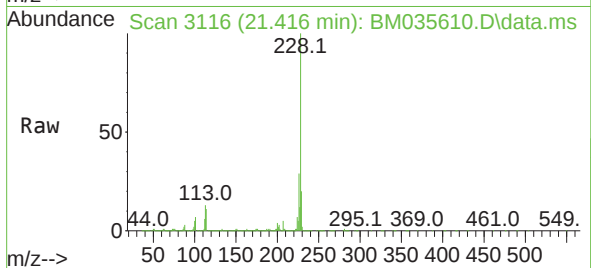
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.138 ng

RT: 21.292 min Scan# 3095

Delta R.T. 0.001 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

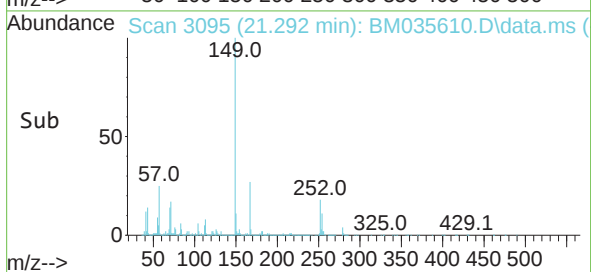
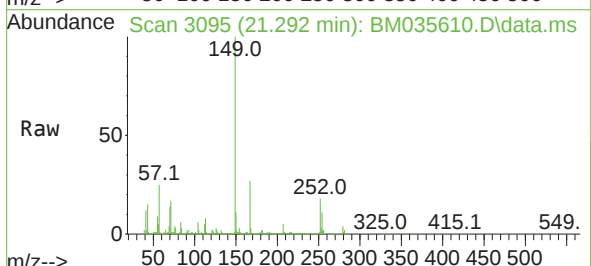
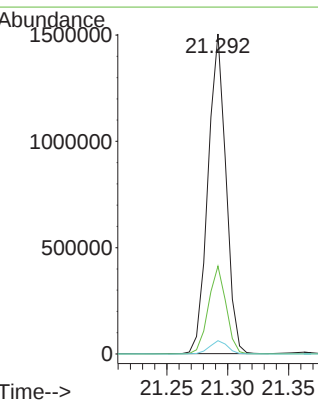
Tgt Ion:149 Resp: 1538905

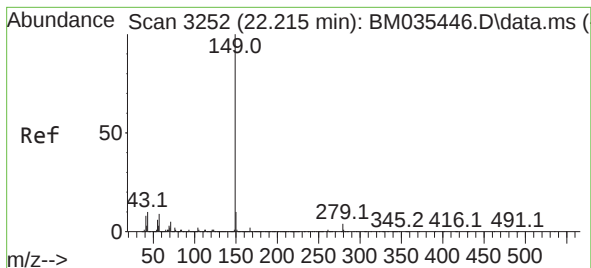
Ion Ratio Lower Upper

149 100

167 27.5 21.1 31.7

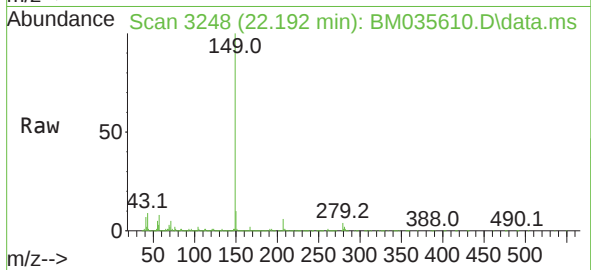
279 4.1 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 51.254 ng
RT: 22.192 min Scan# 31
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

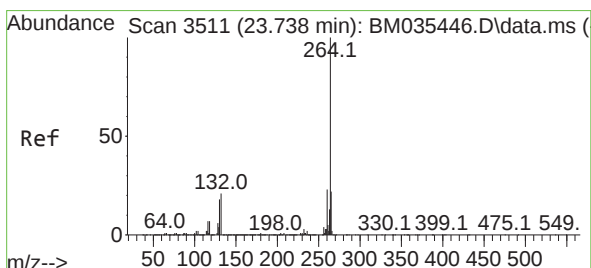
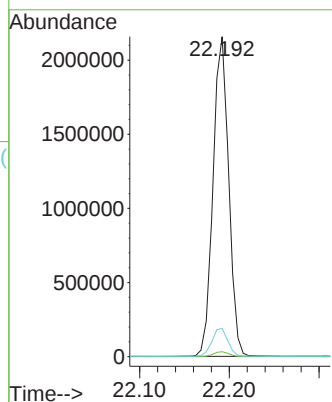
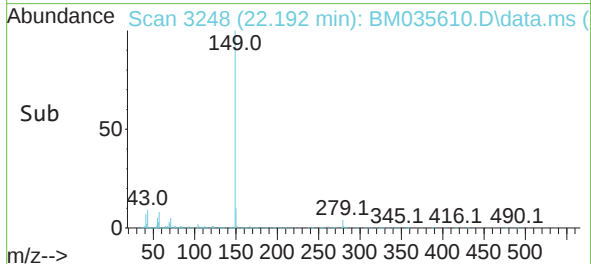
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



Tgt Ion:149 Resp: 260791
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 8.6 12.8

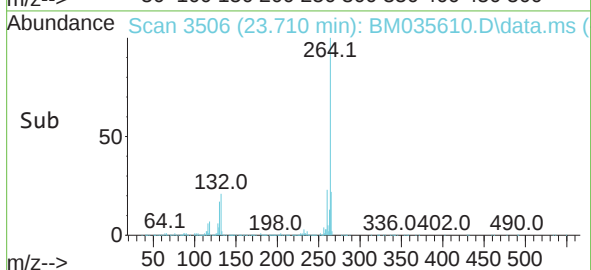
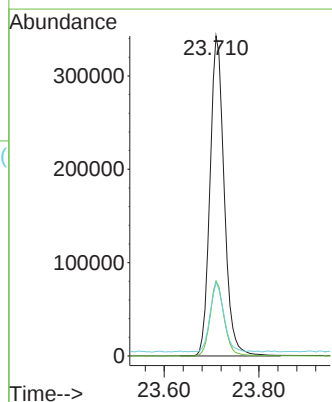
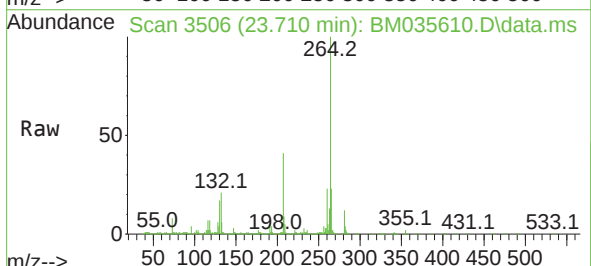
Manual Integrations
APPROVED

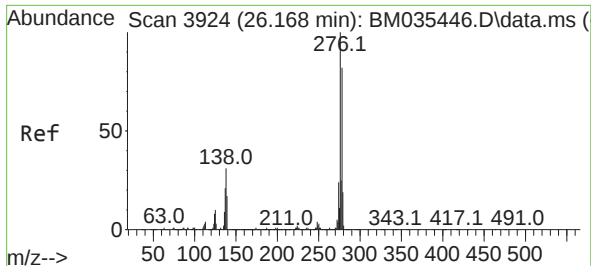
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3506
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Tgt Ion:264 Resp: 716053
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 23.1 17.5 26.3





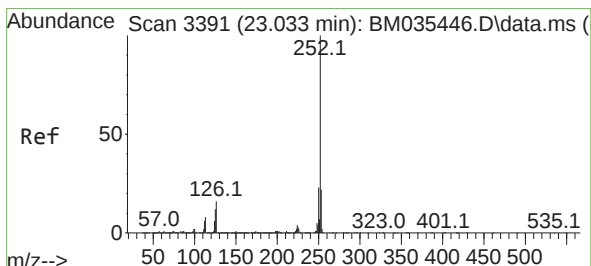
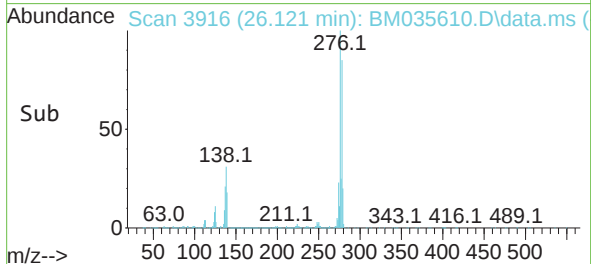
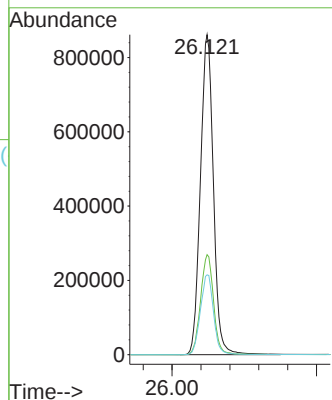
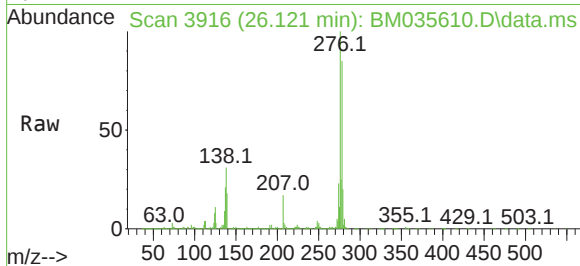
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.343 ng
RT: 26.121 min Scan# 3916
Delta R.T. -0.005 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

Instrument :
BNA_M
ClientSampleId :
B2201-35MS

Tgt Ion:276 Resp: 268815
Ion Ratio Lower Upper
276 100
138 31.4 20.2 30.4
277 25.3 20.2 30.2

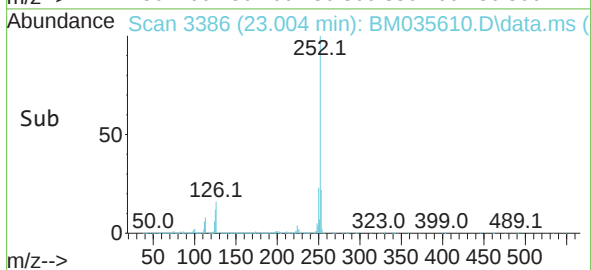
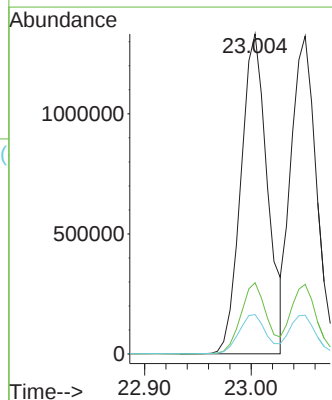
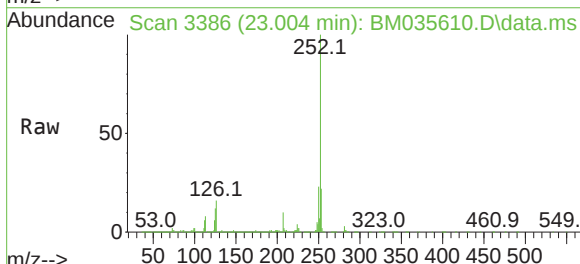
Manual Integrations
APPROVED

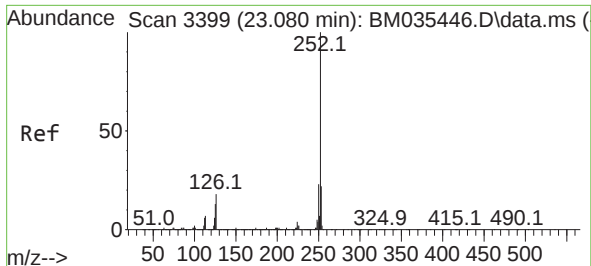
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#88
Benzo(b)fluoranthene
Concen: 54.970 ng
RT: 23.004 min Scan# 3386
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

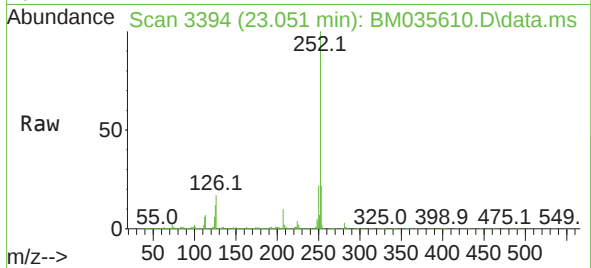
Tgt Ion:252 Resp: 2318493
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.3 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 51.701 ng
RT: 23.051 min Scan# 31
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07

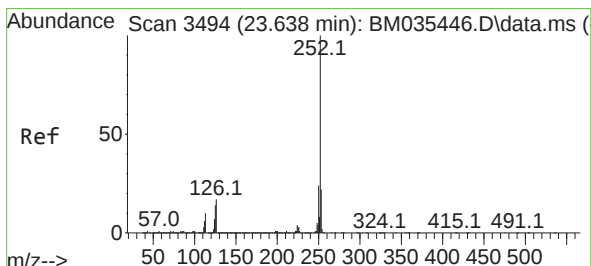
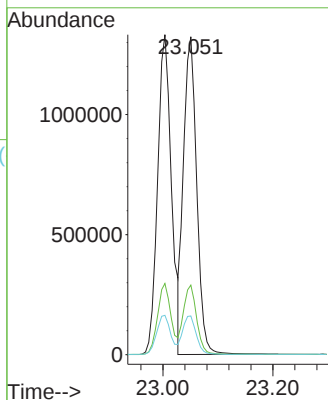
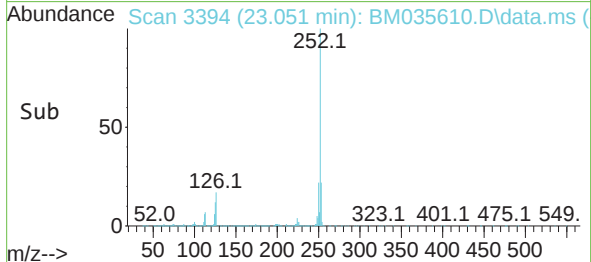
Instrument :
BNA_M
ClientSampleId :
B2201-35MS



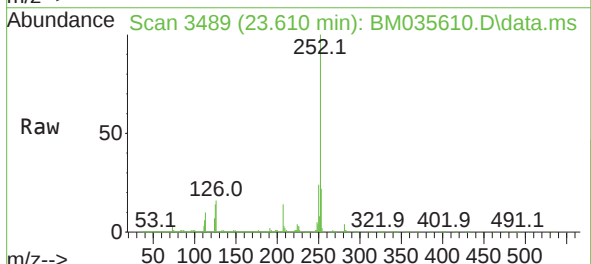
Tgt Ion:252 Resp: 2207590
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.2 7.6 11.4

Manual Integrations
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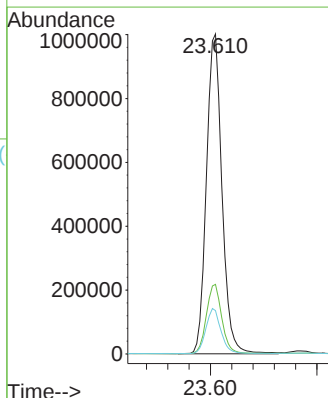
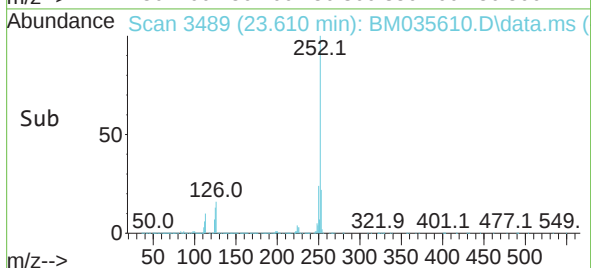
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

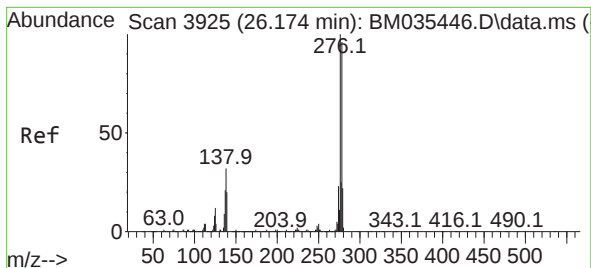


#90
Benzo(a)pyrene
Concen: 56.956 ng
RT: 23.610 min Scan# 3489
Delta R.T. 0.001 min
Lab File: BM035610.D
Acq: 22 Jun 2022 21:07



Tgt Ion:252 Resp: 2026749
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 13.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 57.247 ng

RT: 26.127 min Scan# 3925

Delta R.T. -0.005 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

Instrument :

BNA_M

ClientSampleId :

B2201-35MS

Tgt Ion:278 Resp: 234266

Ion Ratio Lower Upper

278 100

139 20.5 12.9 19.3

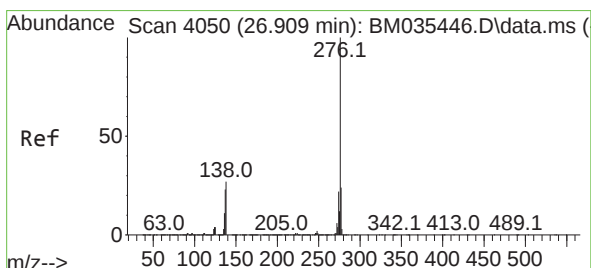
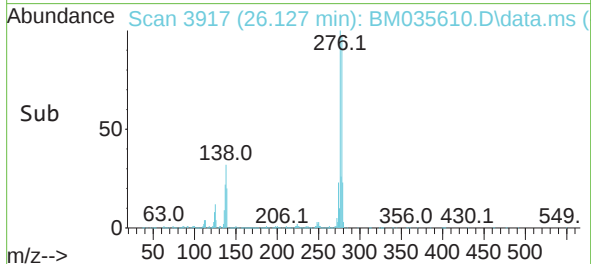
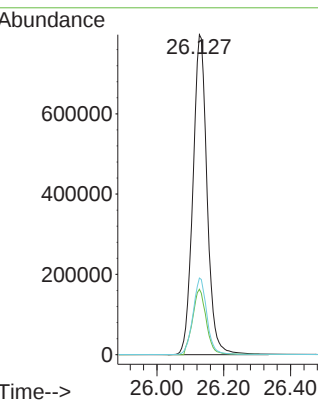
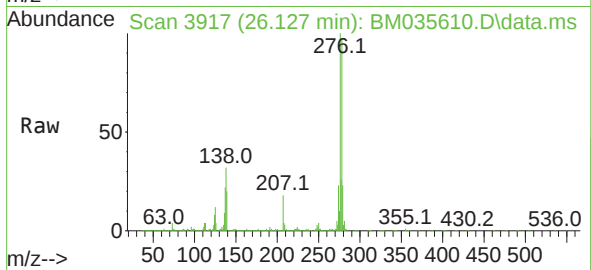
279 23.9 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#92

Benzo(g,h,i)perylene

Concen: 59.205 ng

RT: 26.856 min Scan# 4041

Delta R.T. -0.011 min

Lab File: BM035610.D

Acq: 22 Jun 2022 21:07

Tgt Ion:276 Resp: 2409950

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 26.0 17.6 26.4

