

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035222.D
 Acq On : 24 May 2022 16:56
 Operator : CG/JU
 Sample : N2981-16MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-8(4-4.5)MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2022
 Supervised By : Jagrut Upadhyay 05/25/2022

Quant Time: May 25 05:43:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	141934	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	540867	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	319501	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	612787	20.000	ng	0.00
76) Chrysene-d12	21.468	240	556199	20.000	ng	# 0.00
86) Perylene-d12	23.850	264	615493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	904459	112.423	ng	0.00
7) Phenol-d6	7.075	99	1122654	108.095	ng	0.00
23) Nitrobenzene-d5	9.063	82	741676	74.051	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	416996	119.981	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1655575	75.222	ng	0.00
79) Terphenyl-d14	19.903	244	1944332	67.685	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	125320	38.498	ng	97
3) Pyridine	3.781	79	324222	35.748	ng	96
4) n-Nitrosodimethylamine	3.693	42	198562	44.403	ng	94
6) Aniline	7.228	93	400255	33.551	ng	99
8) 2-Chlorophenol	7.469	128	422801	47.219	ng	96
9) Benzaldehyde	7.040	77	248195	36.717	ng	94
10) Phenol	7.104	94	475702	44.787	ng	99
11) bis(2-Chloroethyl)ether	7.322	93	362984	45.395	ng	95
12) 1,3-Dichlorobenzene	7.792	146	476818	47.010	ng	98
13) 1,4-Dichlorobenzene	7.934	146	485403	46.761	ng	100
14) 1,2-Dichlorobenzene	8.251	146	460876	46.635	ng	98
15) Benzyl Alcohol	8.145	79	352418m	45.406	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	488100	37.665	ng	97
17) 2-Methylphenol	8.351	107	325290	45.101	ng	100
18) Hexachloroethane	8.981	117	174066	45.687	ng	94
19) n-Nitroso-di-n-propyla...	8.716	70	285890	42.048	ng	95
20) 3+4-Methylphenols	8.681	107	431675	43.743	ng	100
22) Acetophenone	8.728	105	591347	45.144	ng	# 96
24) Nitrobenzene	9.104	77	432621	42.940	ng	99
25) Isophorone	9.634	82	754820	45.075	ng	98
26) 2-Nitrophenol	9.816	139	223991	50.949	ng	98
27) 2,4-Dimethylphenol	9.881	122	360933	53.240	ng	97
28) bis(2-Chloroethoxy)met...	10.116	93	455127	47.226	ng	99
29) 2,4-Dichlorophenol	10.357	162	385219	48.195	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	444442	49.124	ng	98
31) Naphthalene	10.751	128	1216590	43.603	ng	100
32) Benzoic acid	10.034	122	252141	46.359	ng	99
33) 4-Chloroaniline	10.863	127	143390	12.776	ng	96
34) Hexachlorobutadiene	11.045	225	290353	51.978	ng	99
35) Caprolactam	11.657	113	103485	44.827	ng	92
36) 4-Chloro-3-methylphenol	11.998	107	372118	44.990	ng	99
37) 2-Methylnaphthalene	12.363	142	844309	43.672	ng	99
38) 1-Methylnaphthalene	12.580	142	808997	42.851	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	490474	53.912	ng	99
41) Hexachlorocyclopentadiene	12.716	237	643103	118.067	ng	100
43) 2,4,6-Trichlorophenol	12.974	196	310327	50.389	ng	100

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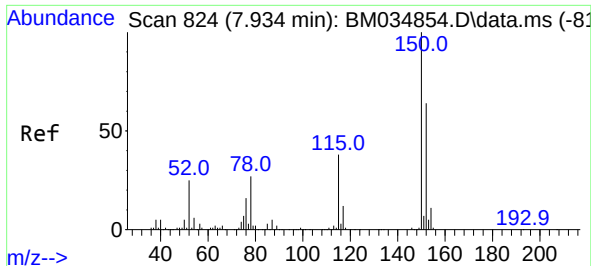
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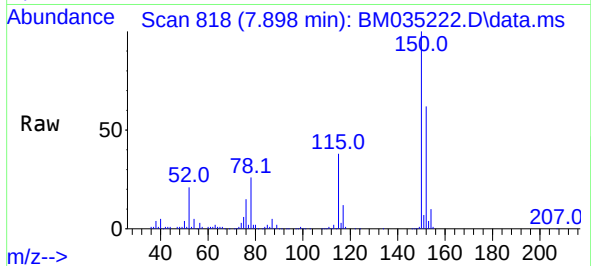
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	331356	48.452	ng	95
46) 1,1'-Biphenyl	13.374	154	1103179	45.831	ng	99
47) 2-Chloronaphthalene	13.416	162	860831	45.891	ng	100
48) 2-Nitroaniline	13.616	65	231212	42.847	ng	97
49) Acenaphthylene	14.263	152	1358470	47.038	ng	100
50) Dimethylphthalate	13.998	163	1011619	42.469	ng	100
51) 2,6-Dinitrotoluene	14.116	165	223964	46.180	ng	92
52) Acenaphthene	14.604	154	925312m	47.290	ng	
53) 3-Nitroaniline	14.445	138	114586	22.021	ng	96
54) 2,4-Dinitrophenol	14.657	184	251858	88.290	ng	88
55) Dibenzofuran	14.939	168	1227070	43.927	ng	97
56) 4-Nitrophenol	14.763	139	350232	82.406	ng	96
57) 2,4-Dinitrotoluene	14.904	165	299963	46.143	ng	# 95
58) Fluorene	15.586	166	981988	42.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	268430	46.169	ng	91
60) Diethylphthalate	15.363	149	1001096	41.263	ng	98
61) 4-Chlorophenyl-phenyle...	15.580	204	523546	47.147	ng	94
62) 4-Nitroaniline	15.604	138	205637	38.165	ng	99
63) Azobenzene	15.874	77	856835	38.722	ng	97
65) 4,6-Dinitro-2-methylph...	15.668	198	160247	43.745	ng	95
66) n-Nitrosodiphenylamine	15.792	169	838604	45.156	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	310995	49.927	ng	94
68) Hexachlorobenzene	16.598	284	348244	49.519	ng	# 90
69) Atrazine	16.751	200	302363	48.495	ng	98
70) Pentachlorophenol	16.939	266	423591	96.133	ng	98
71) Phenanthrene	17.327	178	1498319	43.872	ng	99
72) Anthracene	17.415	178	1496061	45.367	ng	99
73) Carbazole	17.686	167	1296375	43.043	ng	98
74) Di-n-butylphthalate	18.256	149	1599342	41.736	ng	100
75) Fluoranthene	19.339	202	1713956	45.704	ng	98
77) Benzidine	19.521	184	810132	47.679	ng	99
78) Pyrene	19.703	202	1725469	46.911	ng	100
80) Butylbenzylphthalate	20.603	149	673724	41.730	ng	94
81) Benzo(a)anthracene	21.450	228	1684549	45.389	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	433067	40.035	ng	# 99
83) Chrysene	21.503	228	1543312	43.535	ng	100
84) Bis(2-ethylhexyl)phtha...	21.386	149	975551	39.296	ng	# 98
85) Di-n-octyl phthalate	22.303	149	1652667	40.381	ng	96
87) Indeno(1,2,3-cd)pyrene	26.327	276	2215338	47.341	ng	96
88) Benzo(b)fluoranthene	23.127	252	1751069	45.233	ng	99
89) Benzo(k)fluoranthene	23.180	252	1701859	43.428	ng	99
90) Benzo(a)pyrene	23.750	252	1734622	53.935	ng	98
91) Dibenzo(a,h)anthracene	26.344	278	1923916	49.013	ng	97
92) Benzo(g,h,i)perylene	27.091	276	1962252	52.026	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

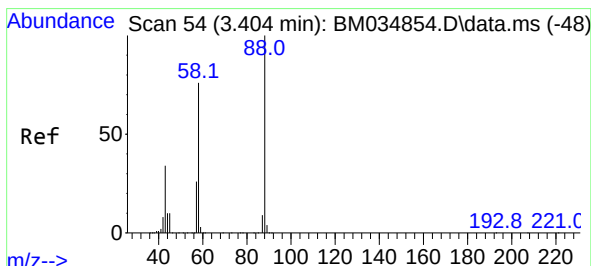
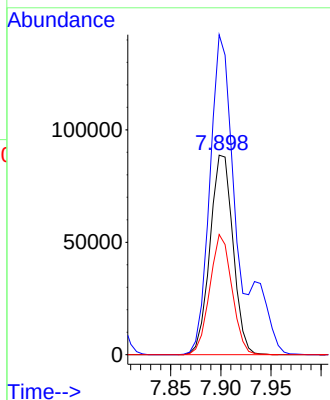
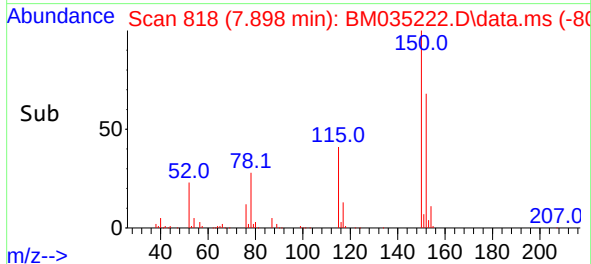
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



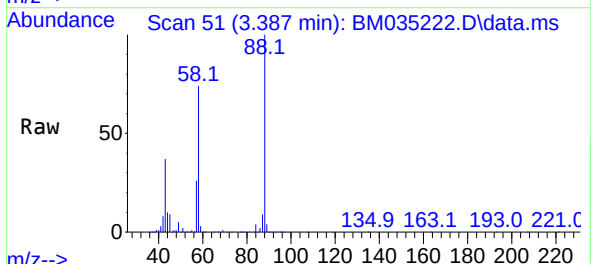
Tgt Ion:152 Resp: 141934
Ion Ratio Lower Upper
152 100
150 160.4 124.9 187.3
115 60.3 47.9 71.9

Manual Integrations
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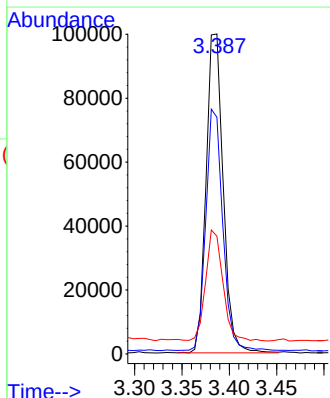
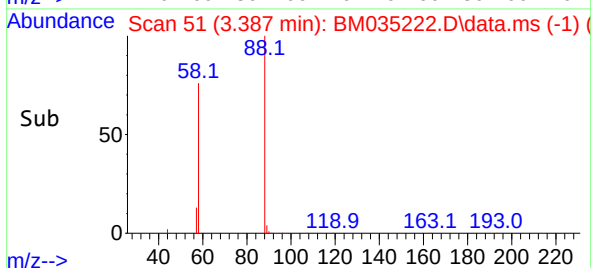
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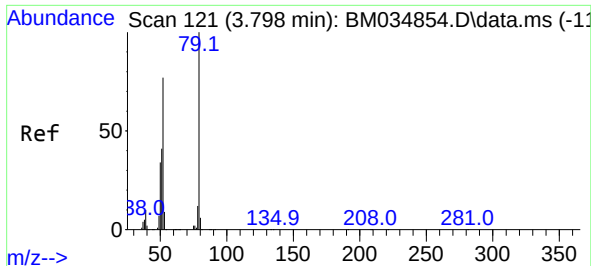


#2
1,4-Dioxane
Concen: 38.498 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion: 88 Resp: 125320
Ion Ratio Lower Upper
88 100
58 74.8 62.3 93.5
43 34.8 28.7 43.1





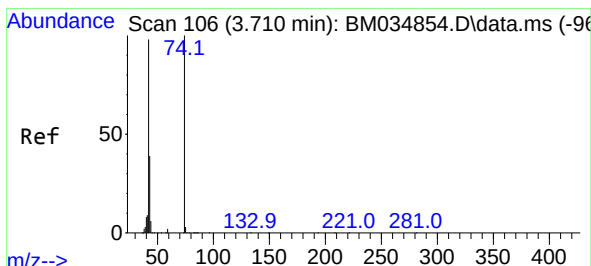
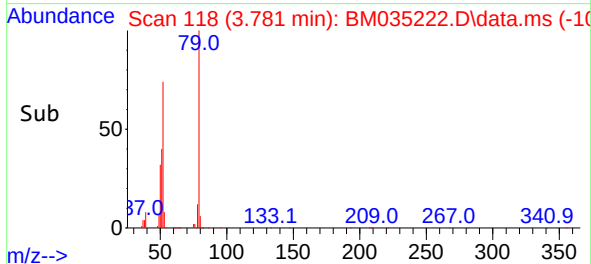
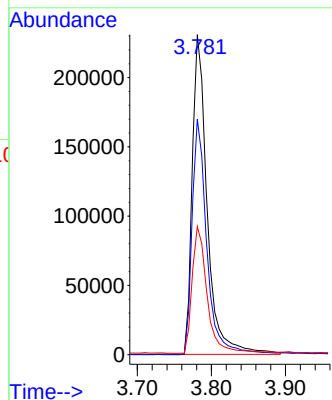
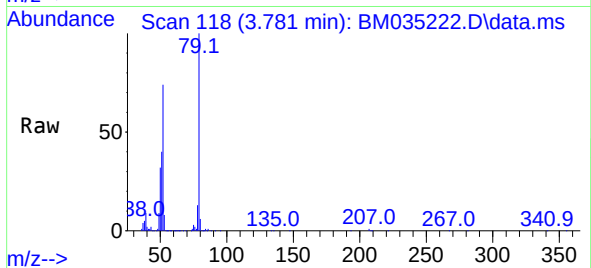
#3
Pyridine
Concen: 35.748 ng
RT: 3.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS

Tgt Ion: 79 Resp: 32422
Ion Ratio Lower Upper
79 100
52 73.6 61.9 92.9
51 40.1 33.5 50.3

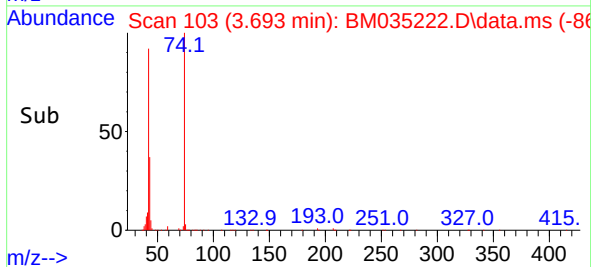
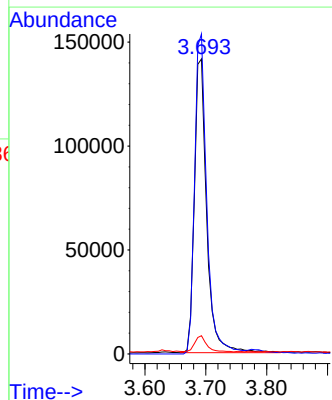
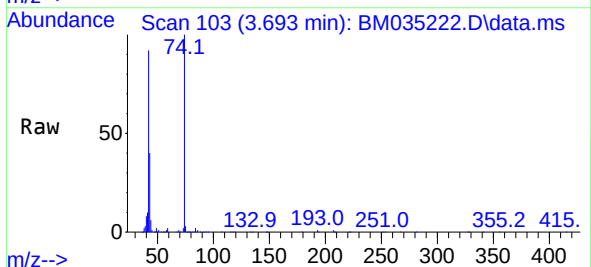
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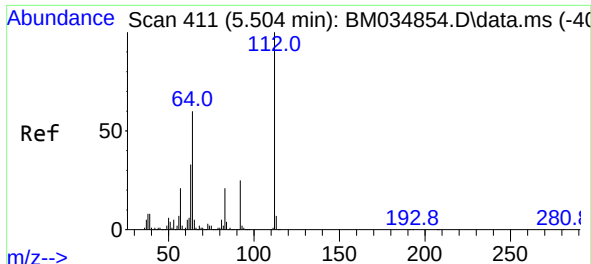
Reviewed By :Christian Giraldo 05/25/2022
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#4
n-Nitrosodimethylamine
Concen: 44.403 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

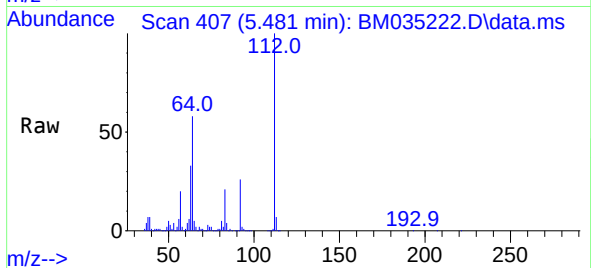
Tgt Ion: 42 Resp: 198562
Ion Ratio Lower Upper
42 100
74 108.5 81.6 122.4
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 112.423 ng
RT: 5.481 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

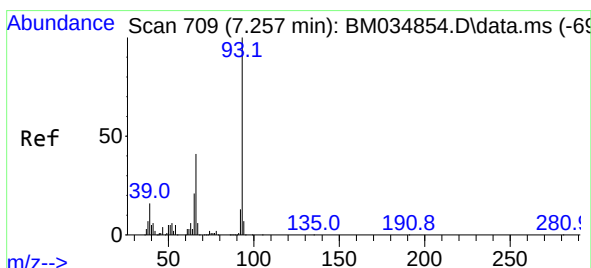
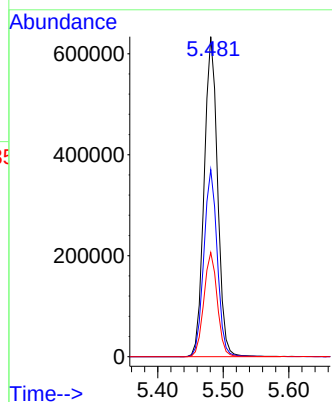
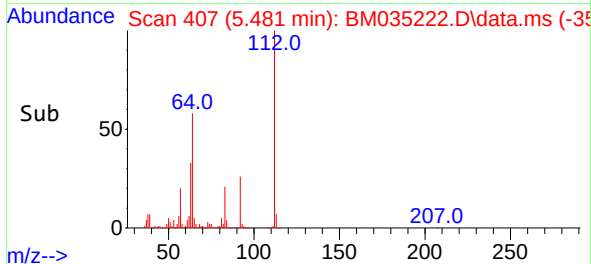
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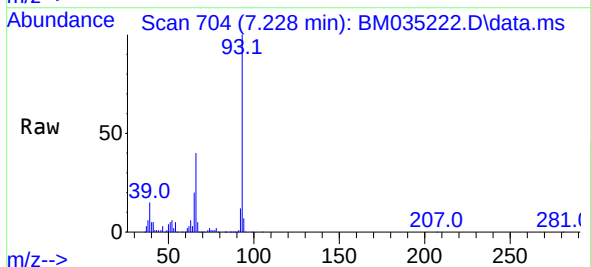
Tgt Ion:112 Resp: 904459
Ion Ratio Lower Upper
112 100
64 58.5 47.8 71.6
63 32.5 26.6 40.0

Manual Integrations
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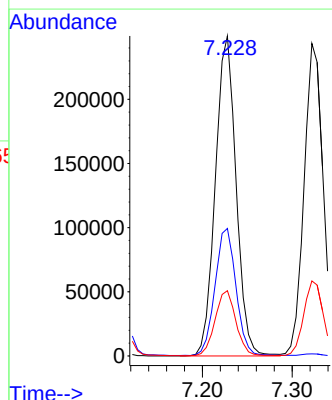
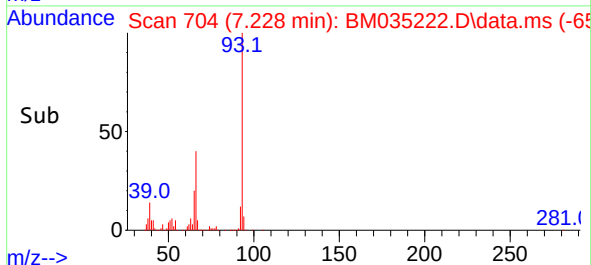
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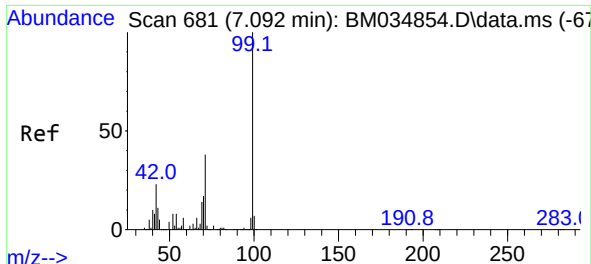


#6
Aniline
Concen: 33.551 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



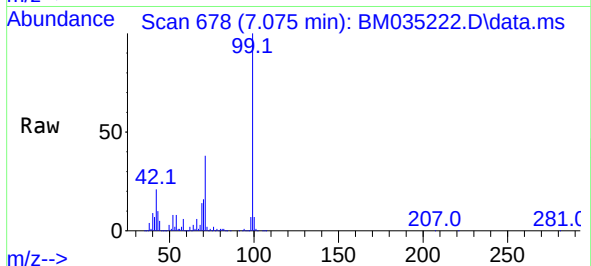
Tgt Ion: 93 Resp: 400255
Ion Ratio Lower Upper
93 100
66 39.9 32.6 49.0
65 20.4 16.8 25.2





#7
Phenol-d6
Concen: 108.095 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

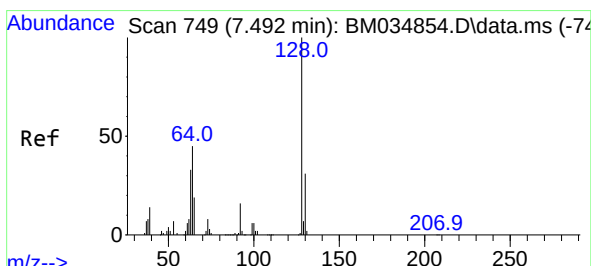
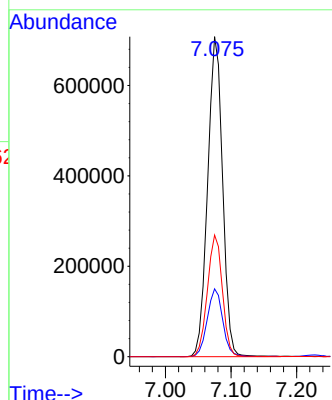
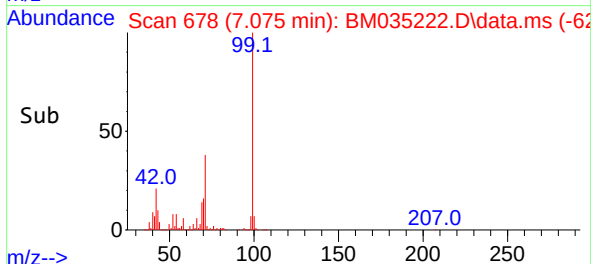
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



Tgt Ion: 99 Resp: 1122654
Ion Ratio Lower Upper
99 100
42 21.2 18.8 28.2
71 38.0 30.2 45.2

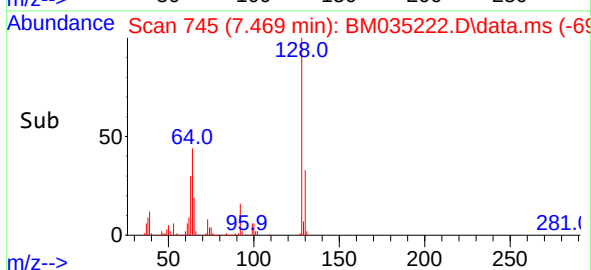
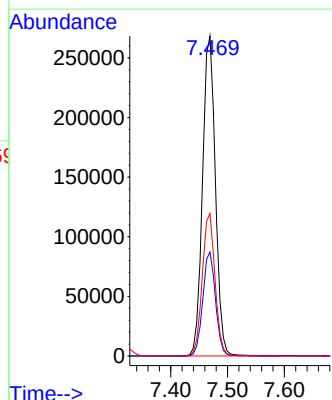
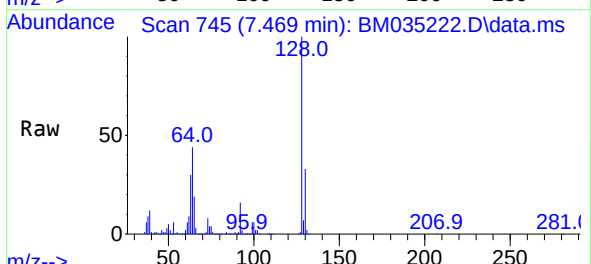
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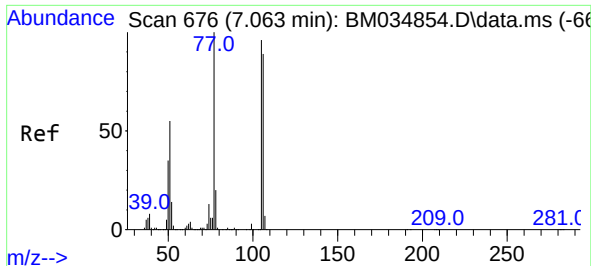
Reviewed By :Christian Giraldo 05/25/2022
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#8
2-Chlorophenol
Concen: 47.219 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Tgt Ion:128 Resp: 422801
Ion Ratio Lower Upper
128 100
130 32.5 10.9 50.9
64 44.5 28.2 68.2





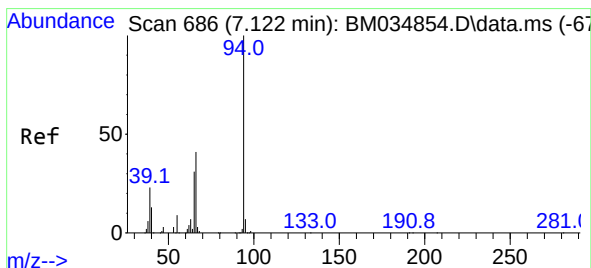
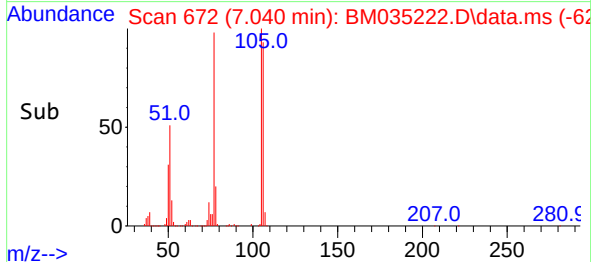
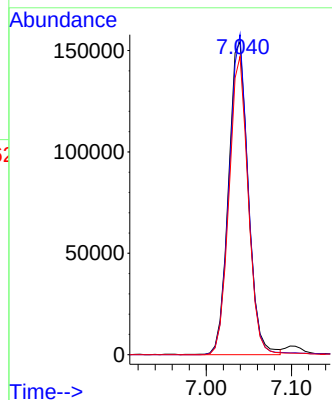
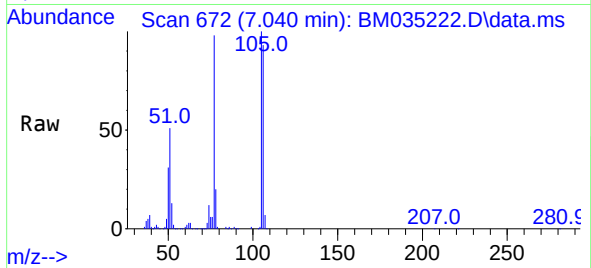
#9
Benzaldehyde
Concen: 36.717 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS

Tgt Ion: 77 Resp: 24819
Ion Ratio Lower Upper
77 100
105 102.2 76.3 116.3
106 95.3 69.0 109.0

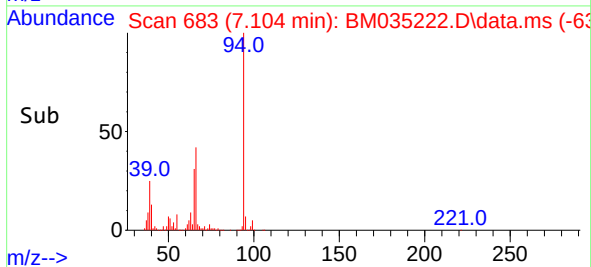
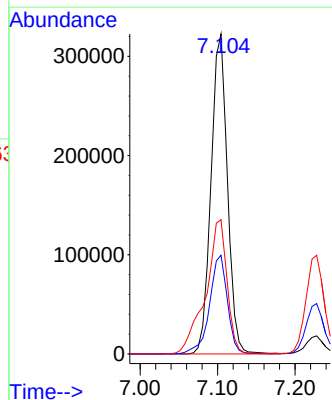
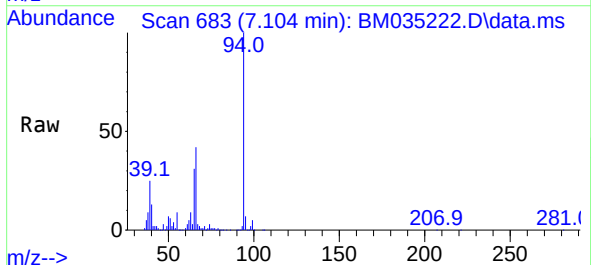
Manual Integrations
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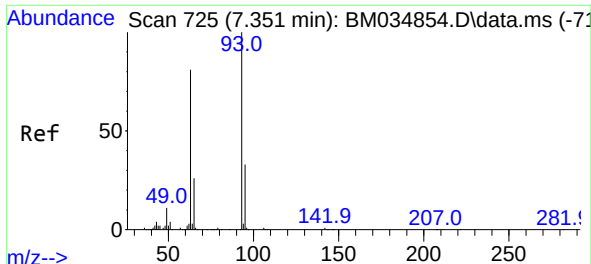
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#10
Phenol
Concen: 44.787 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

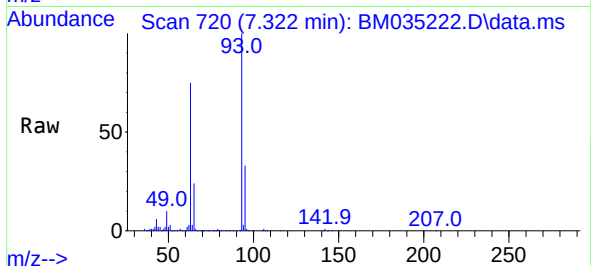
Tgt Ion: 94 Resp: 475702
Ion Ratio Lower Upper
94 100
65 30.9 11.4 51.4
66 42.0 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 45.395 ng
RT: 7.322 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

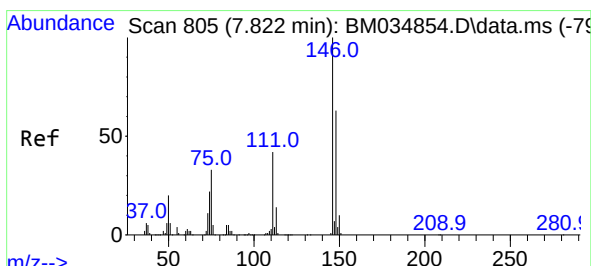
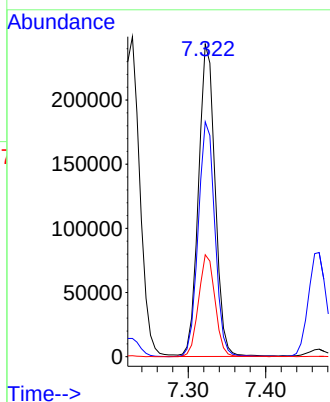
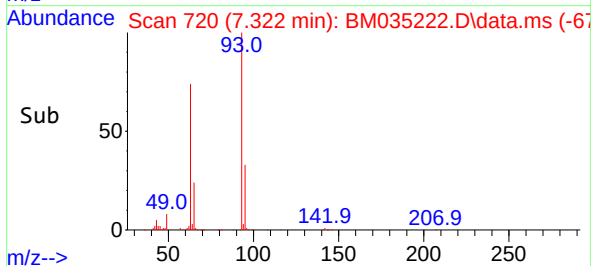
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



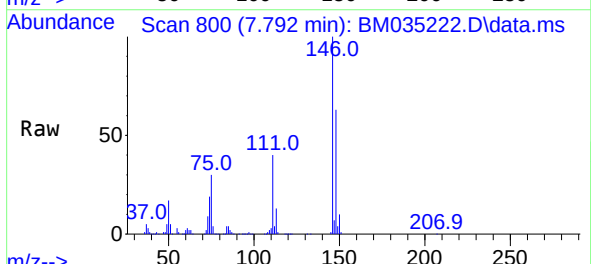
Tgt Ion: 93 Resp: 362984
Ion Ratio Lower Upper
93 100
63 75.2 60.6 100.6
95 32.6 13.2 53.2

Manual Integrations
APPROVED

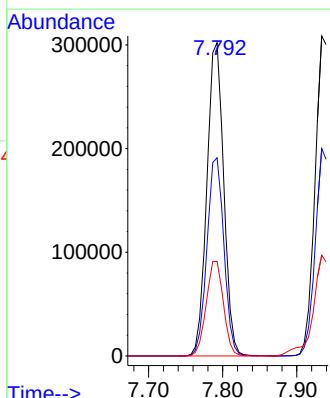
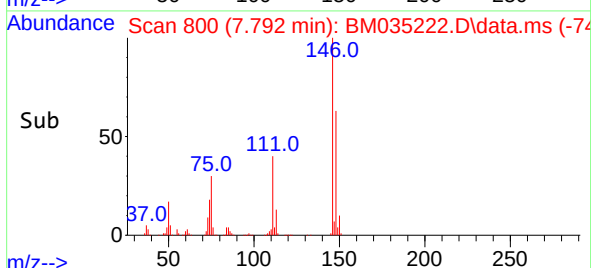
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

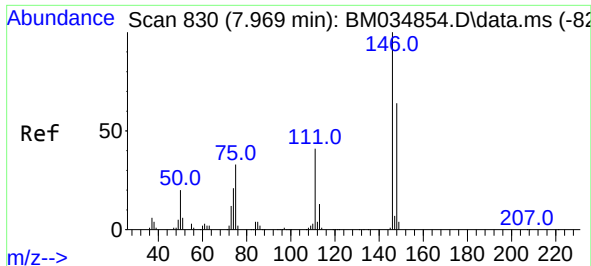


#12
1,3-Dichlorobenzene
Concen: 47.010 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion:146 Resp: 476818
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
75 30.2 26.1 39.1





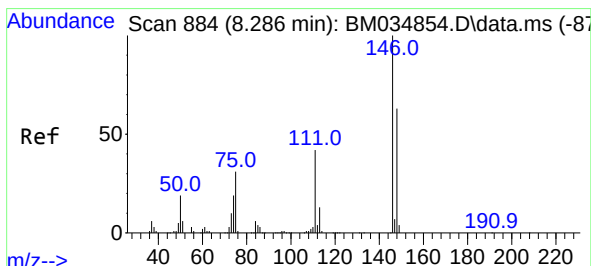
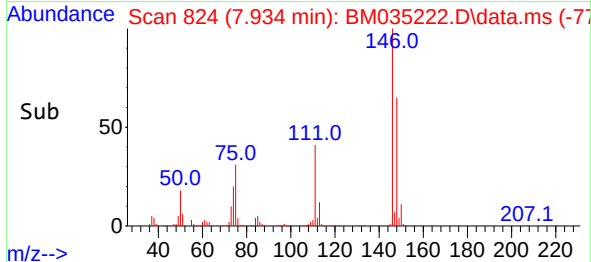
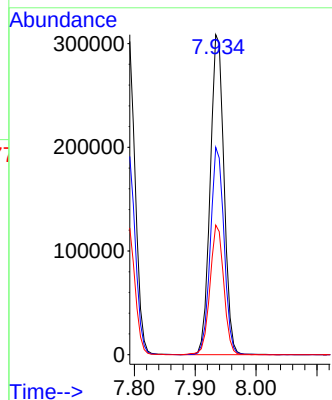
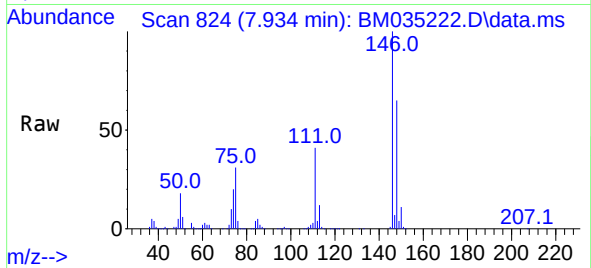
#13
1,4-Dichlorobenzene
Concen: 46.761 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS

Tgt Ion:146 Resp: 48540
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 40.5 32.5 48.7

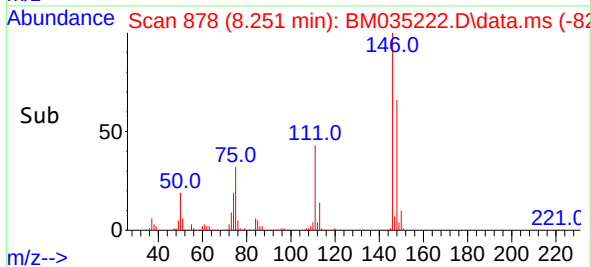
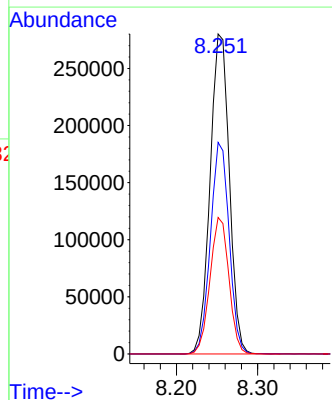
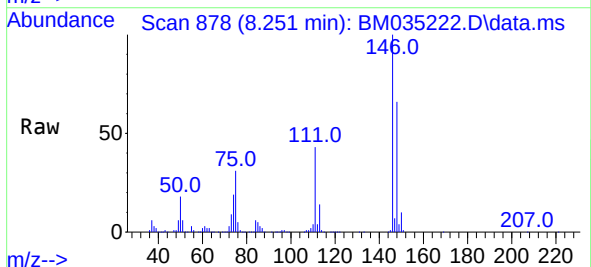
Manual Integrations
APPROVED

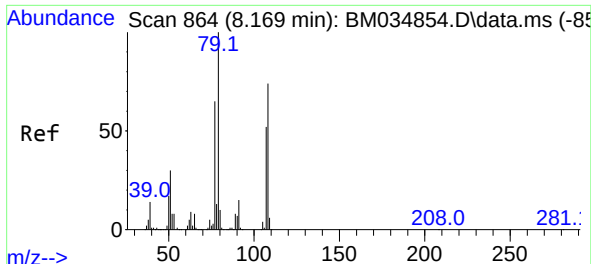
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#14
1,2-Dichlorobenzene
Concen: 46.635 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

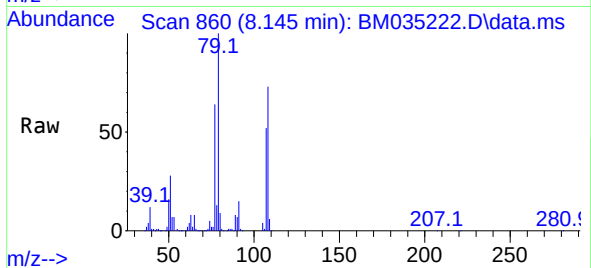
Tgt Ion:146 Resp: 460876
Ion Ratio Lower Upper
146 100
148 66.1 50.7 76.1
111 42.7 33.9 50.9





#15
Benzyl Alcohol
Concen: 45.406 ng m
RT: 8.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

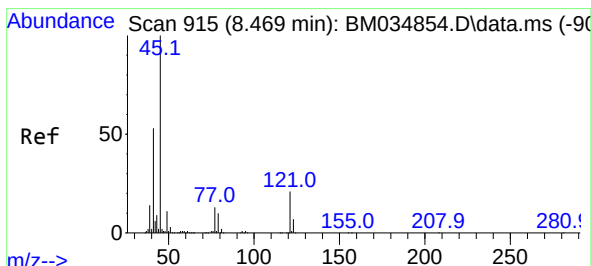
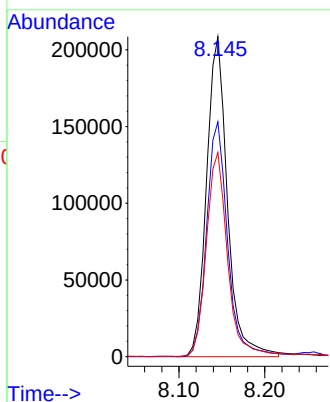
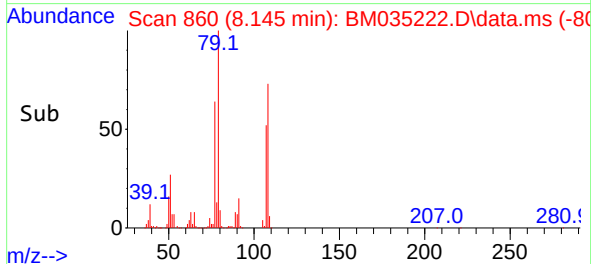
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



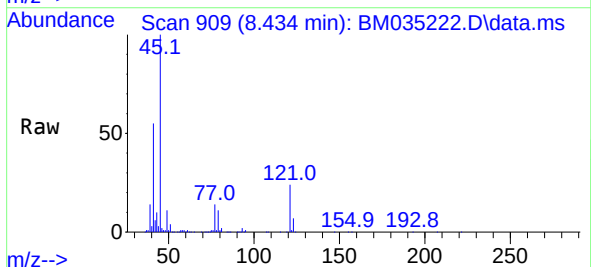
Tgt Ion: 79 Resp: 352418
Ion Ratio Lower Upper
79 100
108 73.4 59.0 88.4
77 63.8 52.2 78.4

Manual Integrations
APPROVED

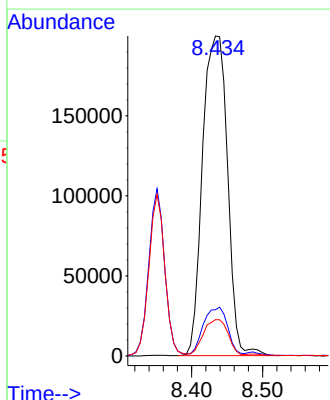
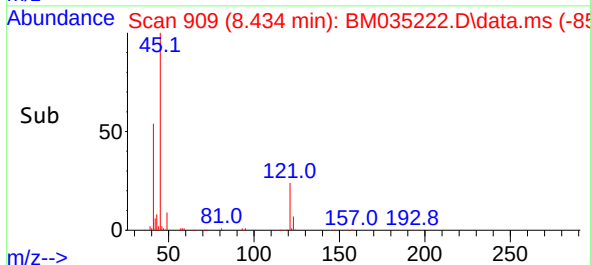
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

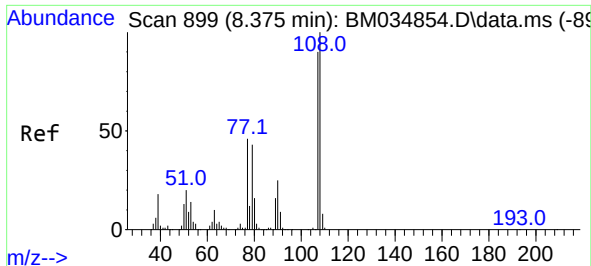


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.665 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



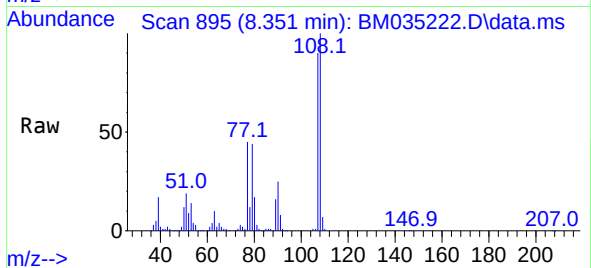
Tgt Ion: 45 Resp: 488100
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.1
79 11.4 0.0 30.5





#17
2-Methylphenol
Concen: 45.101 ng
RT: 8.351 min Scan# 899
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

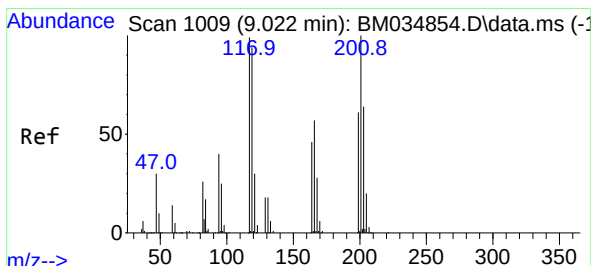
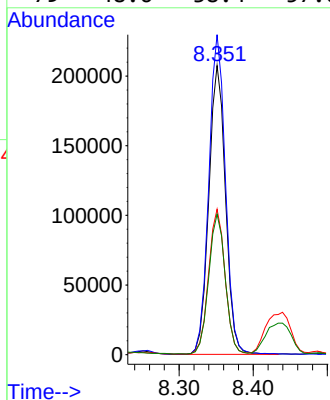
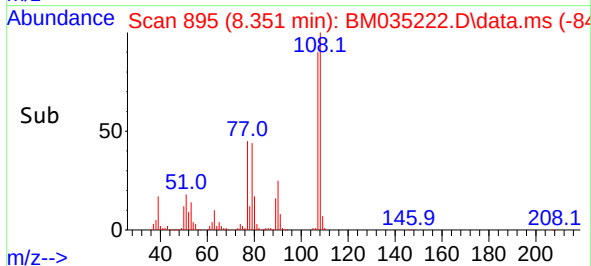
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



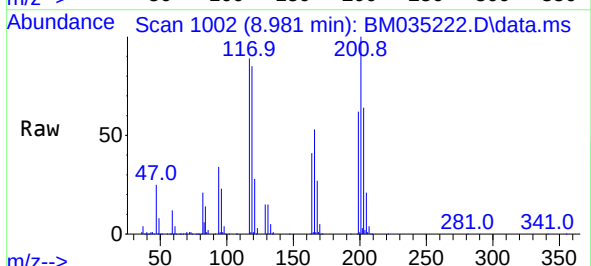
Tgt Ion:107 Resp: 325290
Ion Ratio Lower Upper
107 100
108 110.7 88.7 133.1
77 50.3 40.6 60.8
79 48.6 38.4 57.6

Manual Integrations
APPROVED

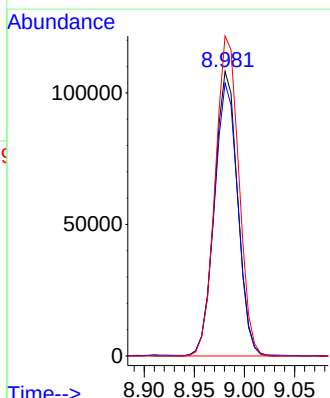
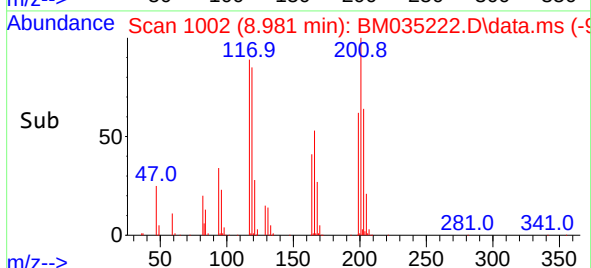
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

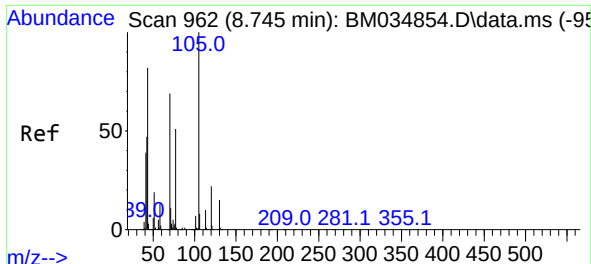


#18
Hexachloroethane
Concen: 45.687 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



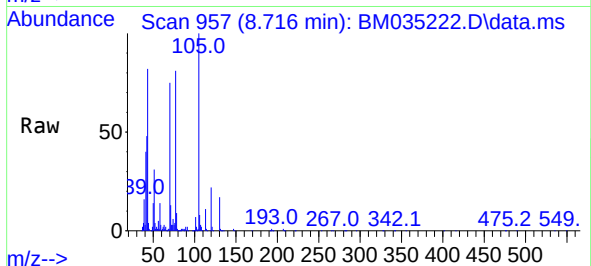
Tgt Ion:117 Resp: 174066
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
201 112.5 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.048 ng
RT: 8.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

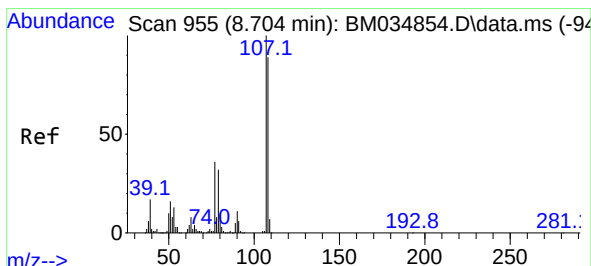
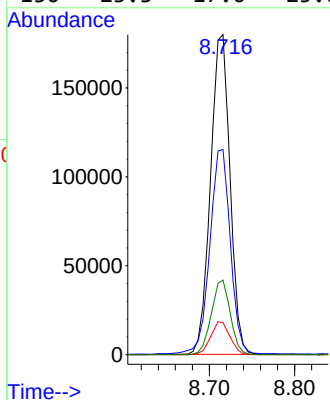
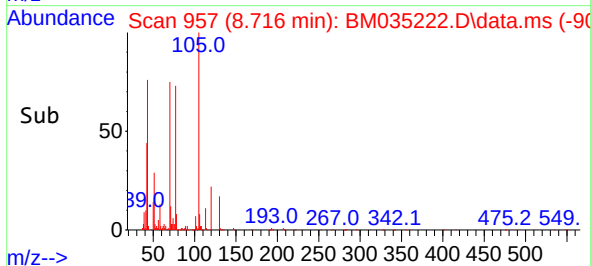
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



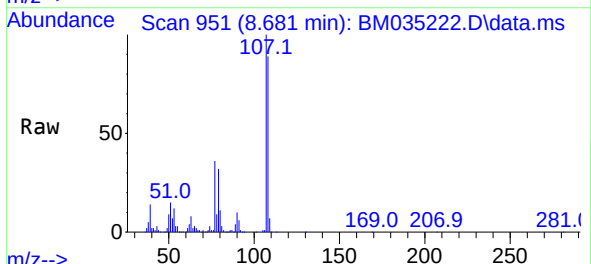
Tgt Ion: 70 Resp: 285890
Ion Ratio Lower Upper
70 100
42 64.2 55.4 83.2
101 10.0 7.8 11.6
130 23.3 17.0 25.6

Manual Integrations
APPROVED

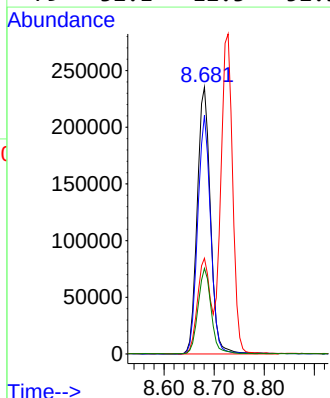
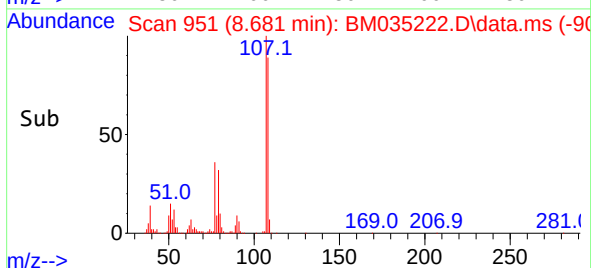
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

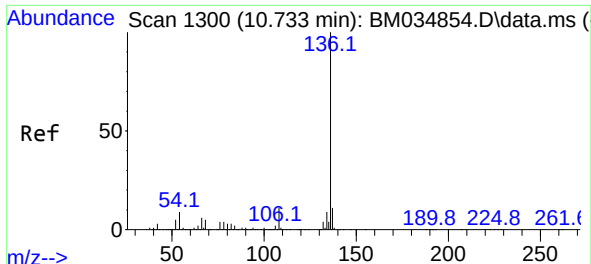


#20
3+4-Methylphenols
Concen: 43.743 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion:107 Resp: 431675
Ion Ratio Lower Upper
107 100
108 89.5 69.3 109.3
77 35.9 15.8 55.8
79 32.1 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :

BNA_M

ClientSampleId :

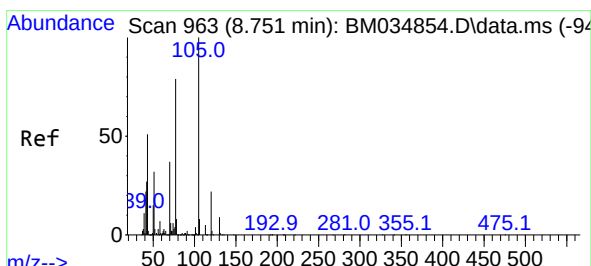
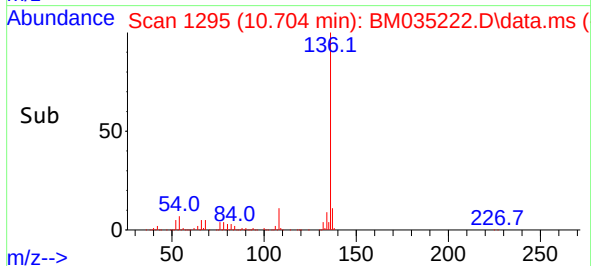
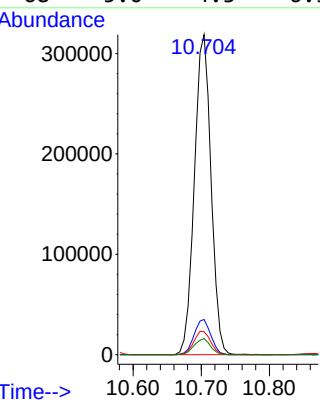
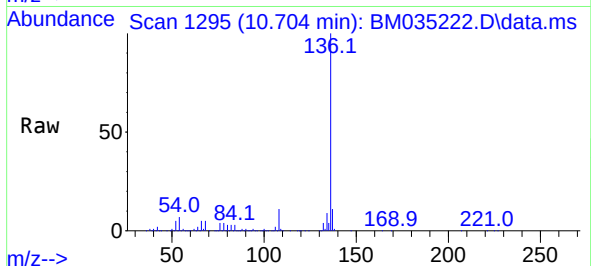
SB-8(4-4.5)MS

Tgt Ion:136 Resp: 54086
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 7.0 10.4
68 5.0 4.3 6.5

Manual Integrations

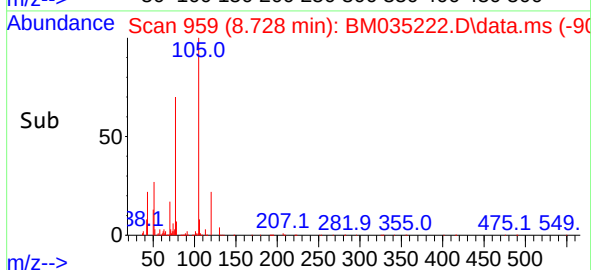
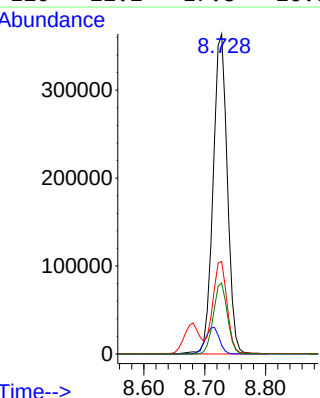
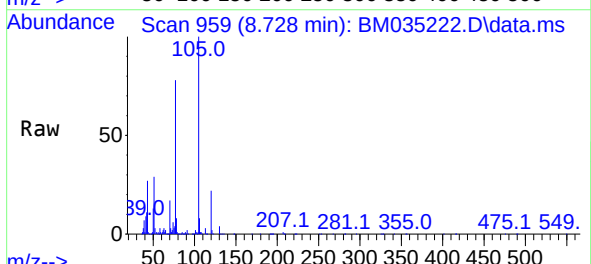
APPROVED

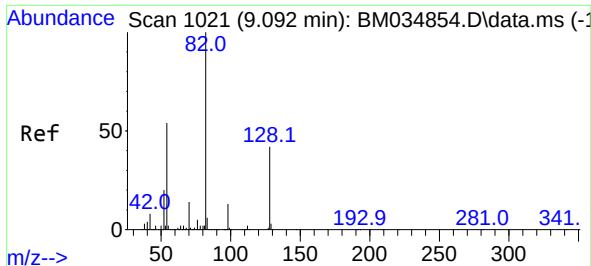
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#22
Acetophenone
Concen: 45.144 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

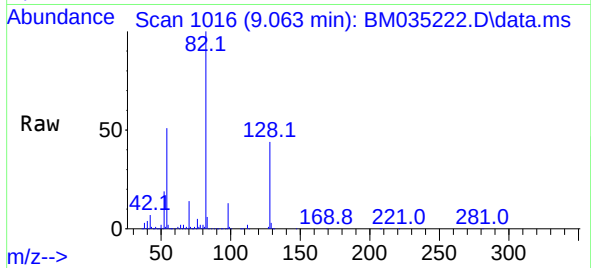
Tgt Ion:105 Resp: 591347
Ion Ratio Lower Upper
105 100
71 2.7 5.0 7.4#
51 29.0 25.6 38.4
120 22.2 17.8 26.8





#23
Nitrobenzene-d5
Concen: 74.051 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

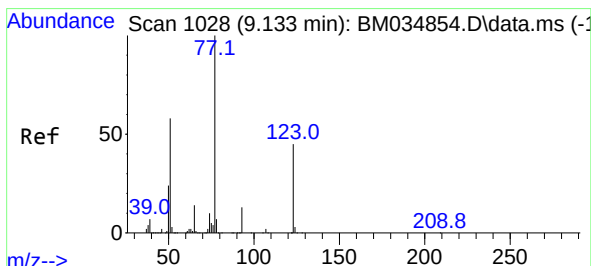
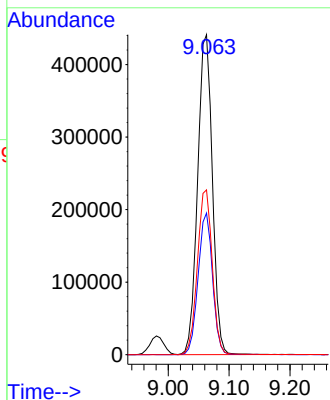
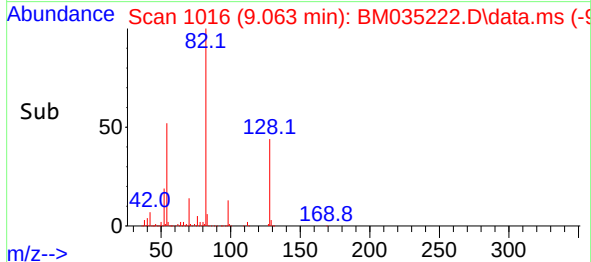
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



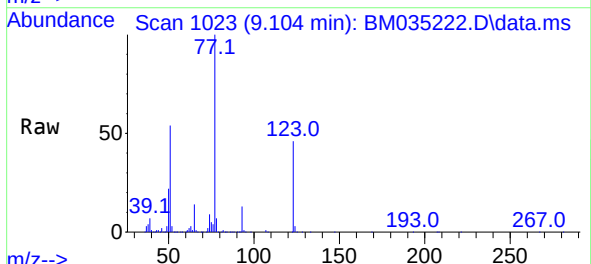
Tgt Ion: 82 Resp: 741670
Ion Ratio Lower Upper
82 100
128 44.3 33.7 50.5
54 51.5 43.2 64.8

Manual Integrations
APPROVED

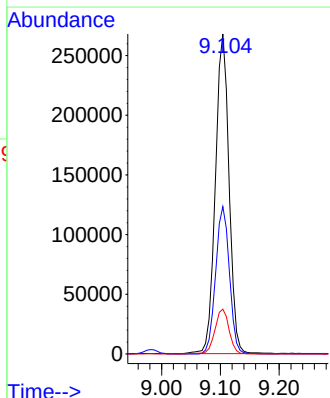
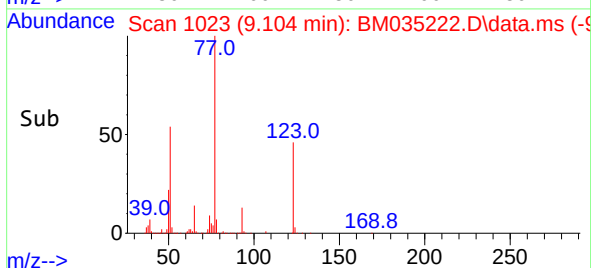
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

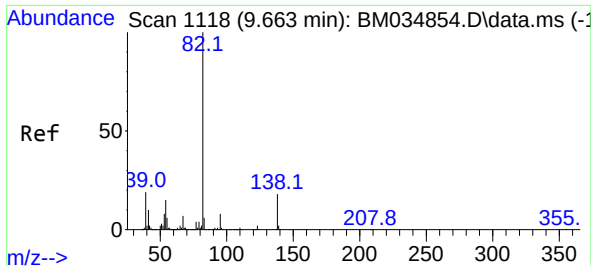


#24
Nitrobenzene
Concen: 42.940 ng
RT: 9.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



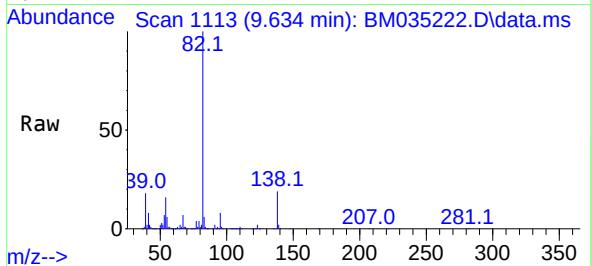
Tgt Ion: 77 Resp: 432621
Ion Ratio Lower Upper
77 100
123 46.0 36.2 54.4
65 14.0 11.4 17.0





#25
Isophorone
Concen: 45.075 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

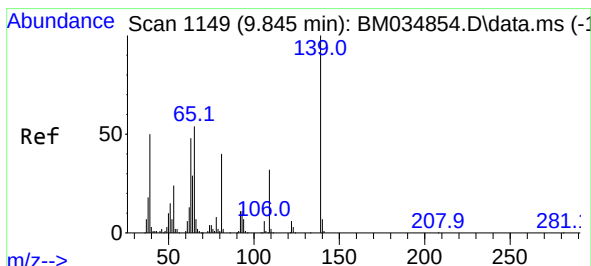
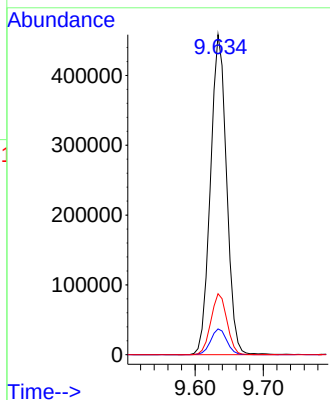
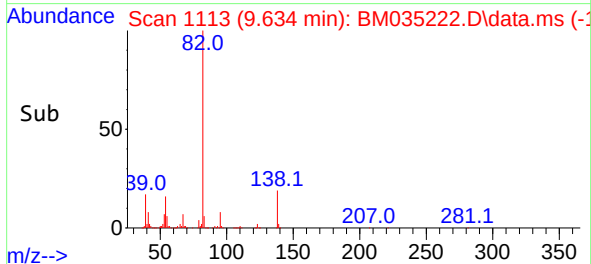
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



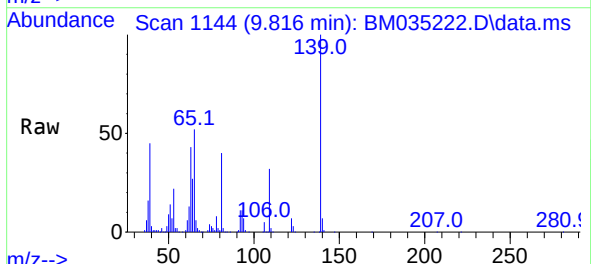
Tgt Ion: 82 Resp: 754820
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.1 14.2 21.4

Manual Integrations
APPROVED

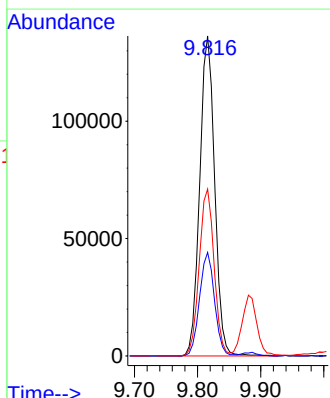
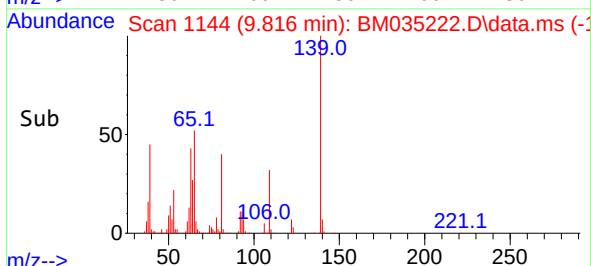
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

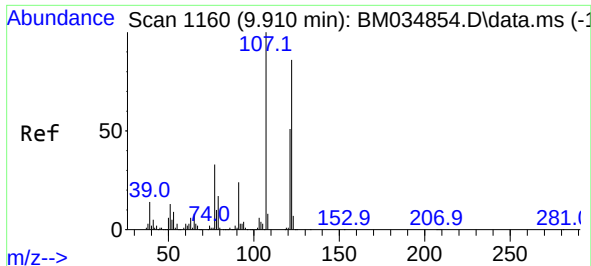


#26
2-Nitrophenol
Concen: 50.949 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion:139 Resp: 223991
Ion Ratio Lower Upper
139 100
109 32.4 25.6 38.4
65 52.2 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 53.240 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BM035222.D

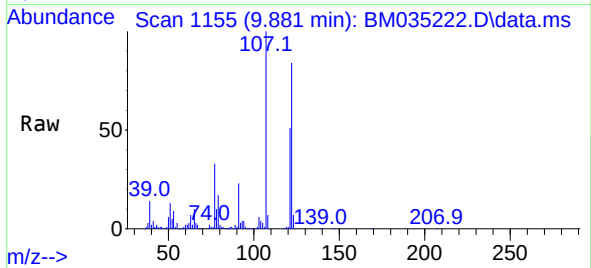
Acq: 24 May 2022 16:56

Instrument :

BNA_M

ClientSampleId :

SB-8(4-4.5)MS



Tgt Ion:122 Resp: 36093

Ion Ratio Lower Upper

122 100

107 119.4 92.4 138.6

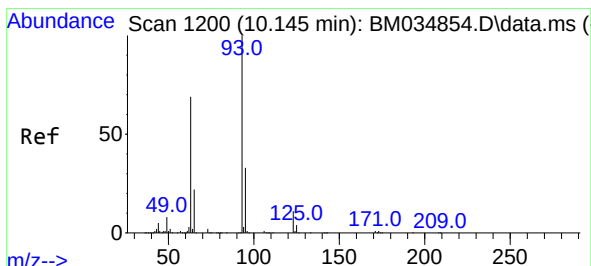
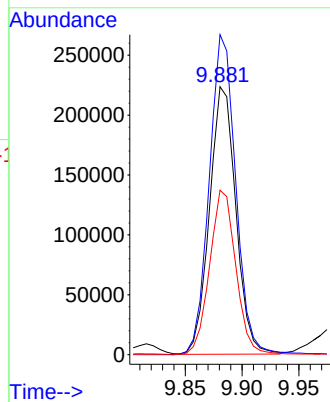
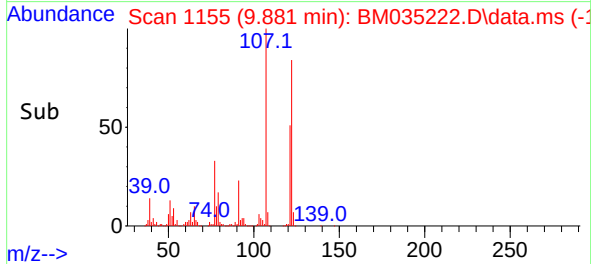
121 61.4 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2022

Supervised By :Jagrut Upadhyay 05/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.226 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BM035222.D

Acq: 24 May 2022 16:56

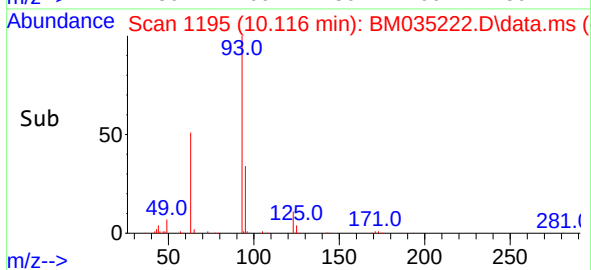
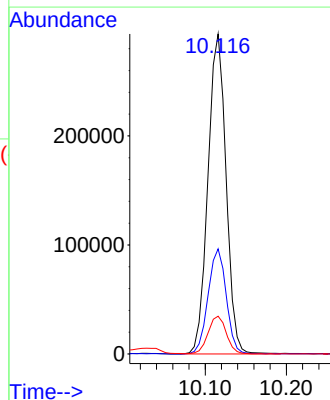
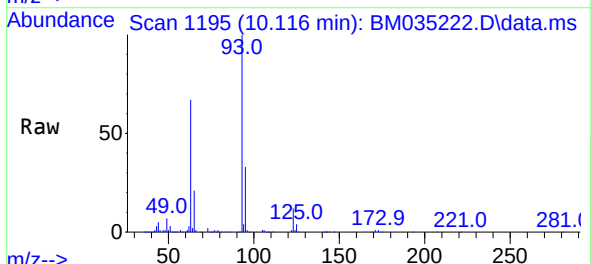
Tgt Ion: 93 Resp: 455127

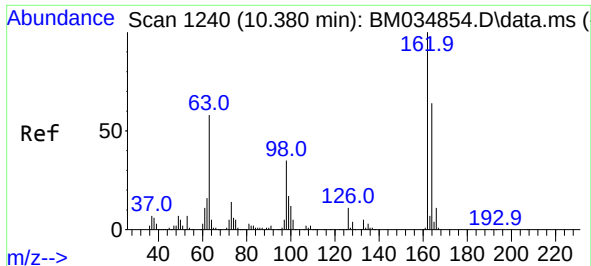
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

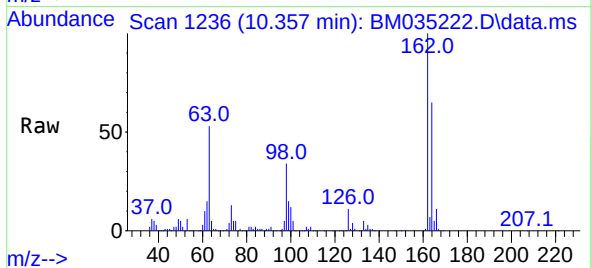
123 11.8 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 48.195 ng
RT: 10.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

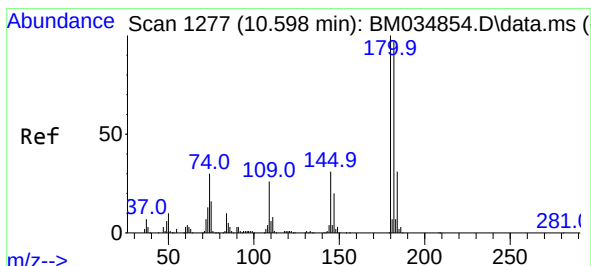
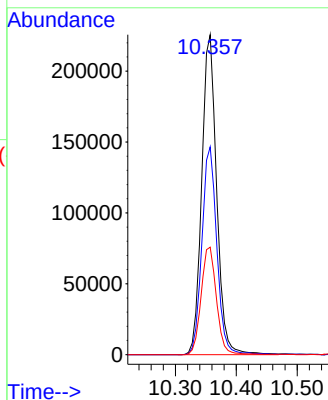
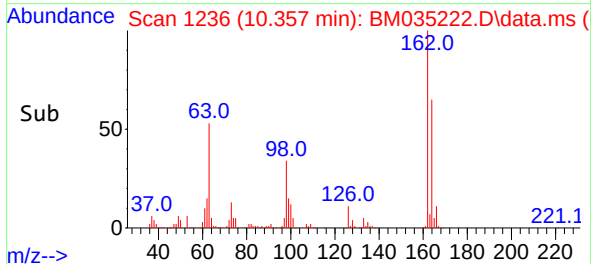
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



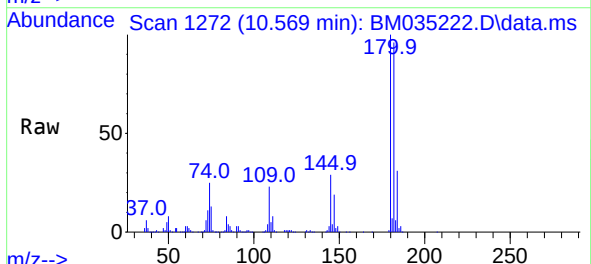
Tgt Ion:162 Resp: 385219
Ion Ratio Lower Upper
162 100
164 64.9 44.2 84.2
98 33.6 15.0 55.0

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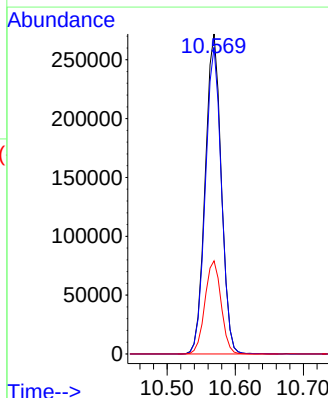
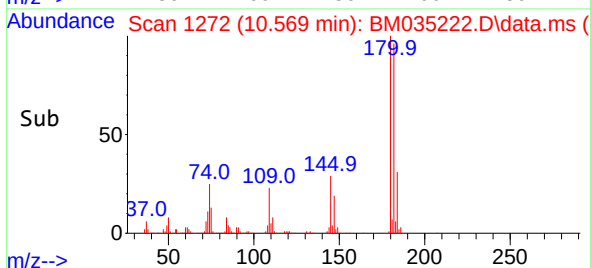
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

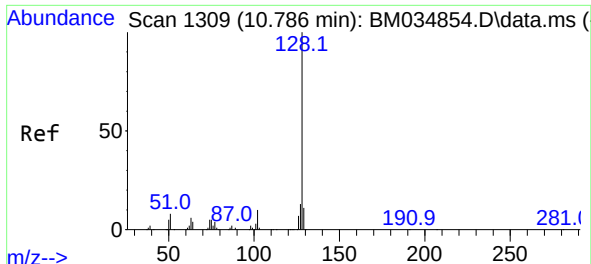


#30
1,2,4-Trichlorobenzene
Concen: 49.124 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



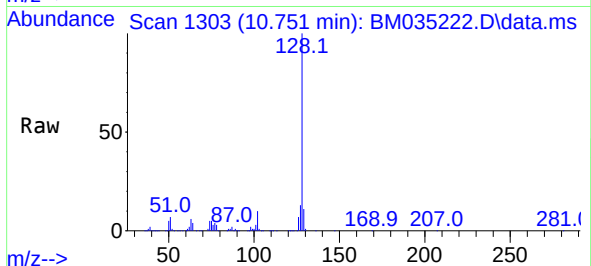
Tgt Ion:180 Resp: 444442
Ion Ratio Lower Upper
180 100
182 95.9 77.9 116.9
145 29.1 25.0 37.6





#31
Naphthalene
Concen: 43.603 ng
RT: 10.751 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

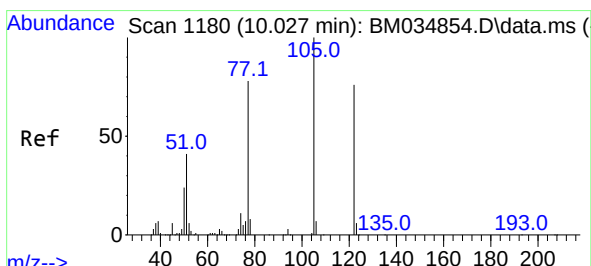
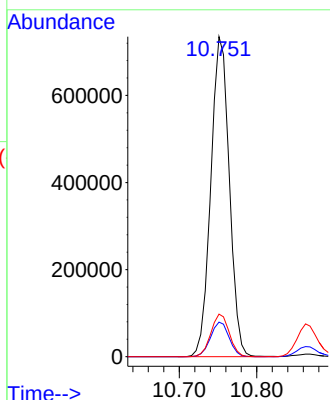
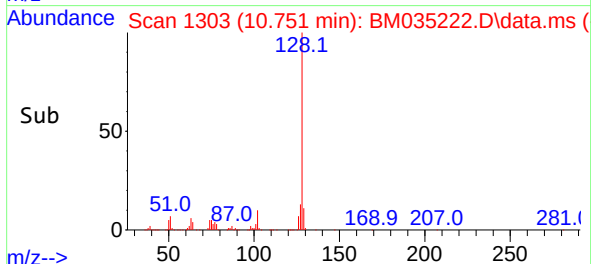
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



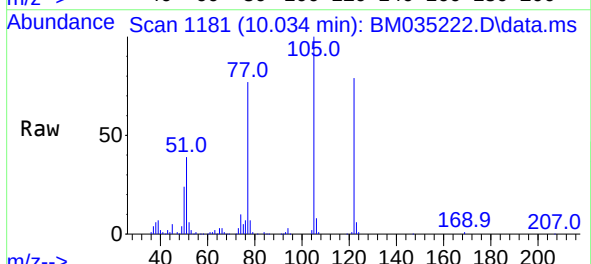
Tgt Ion:128 Resp: 1216590
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations
APPROVED

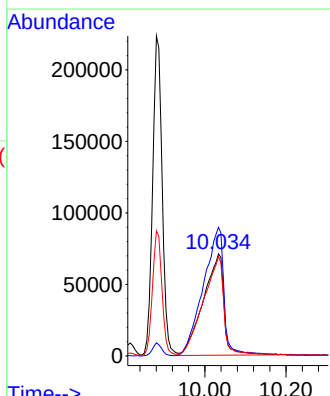
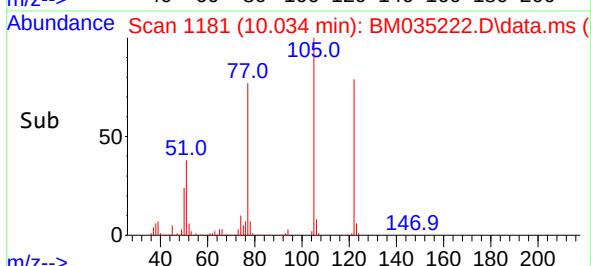
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

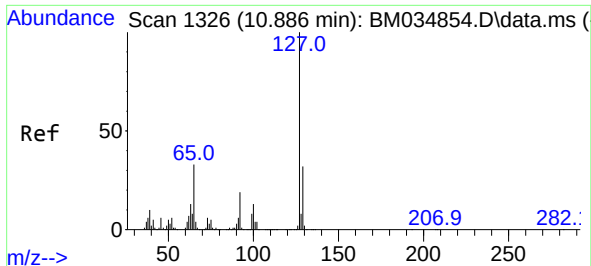


#32
Benzoic acid
Concen: 46.359 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



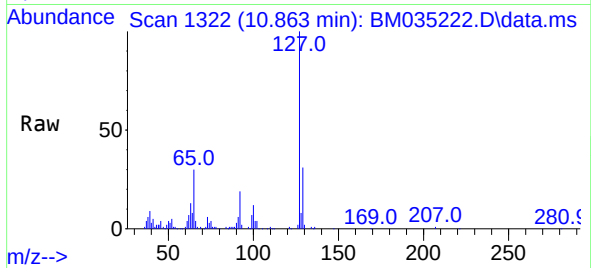
Tgt Ion:122 Resp: 252141
Ion Ratio Lower Upper
122 100
105 126.1 105.7 145.7
77 97.5 80.0 120.0





#33
4-Chloroaniline
Concen: 12.776 ng
RT: 10.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

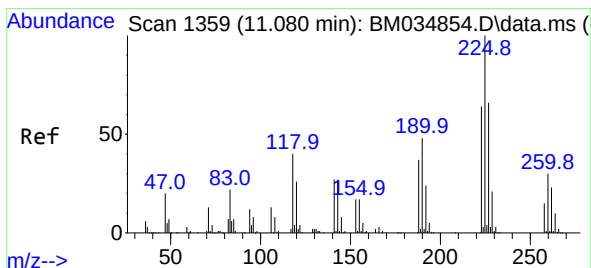
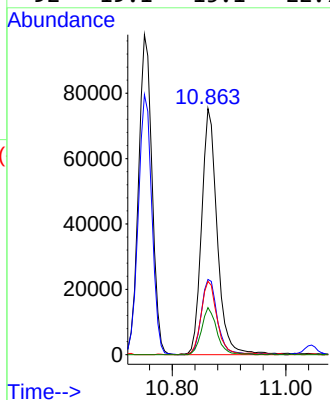
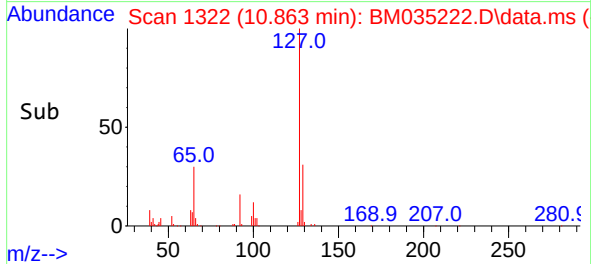
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



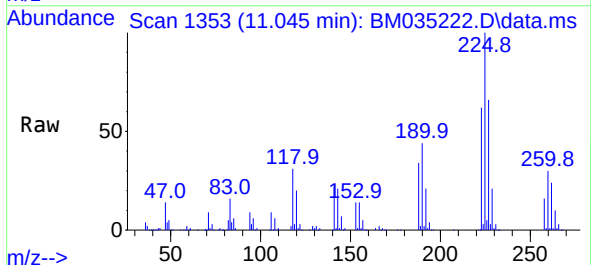
Tgt Ion:	127	Resp:	143390
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.7	38.5
65	29.8	26.6	40.0
92	19.1	15.1	22.7

Manual Integrations
APPROVED

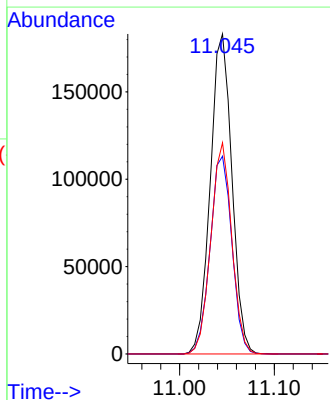
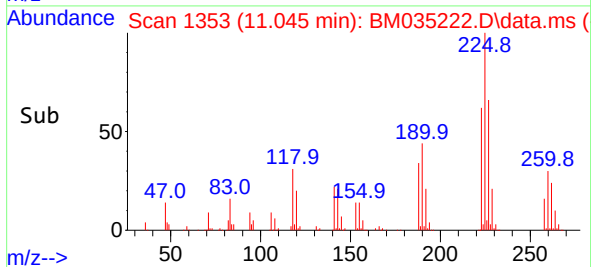
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

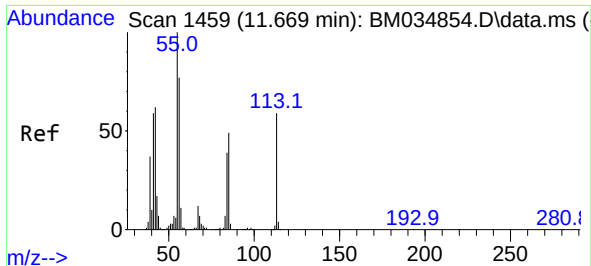


#34
Hexachlorobutadiene
Concen: 51.978 ng
RT: 11.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



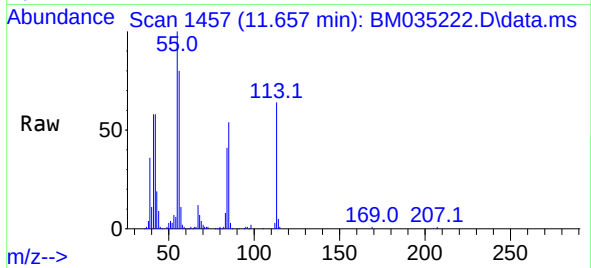
Tgt Ion:	225	Resp:	290353
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.8	76.2
227	66.0	52.7	79.1





#35
Caprolactam
Concen: 44.827 ng
RT: 11.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

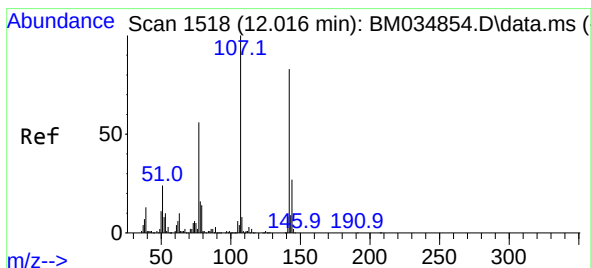
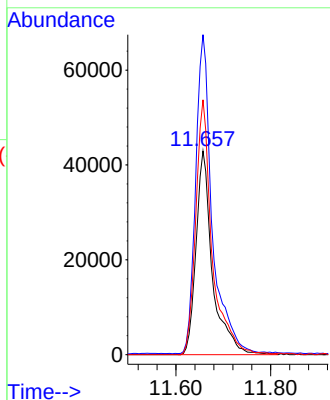
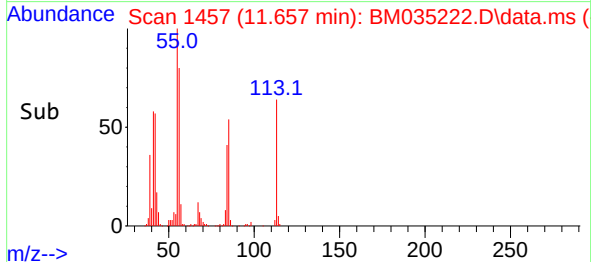
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



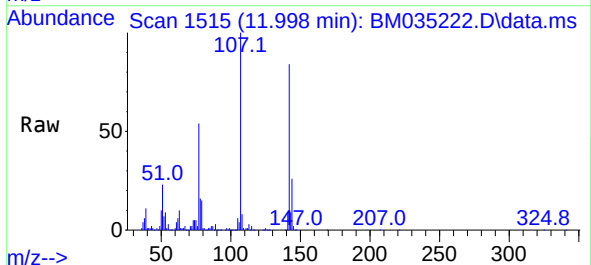
Tgt Ion:113 Resp: 103485
Ion Ratio Lower Upper
113 100
55 157.1 150.1 190.1
56 125.1 111.7 151.7

Manual Integrations
APPROVED

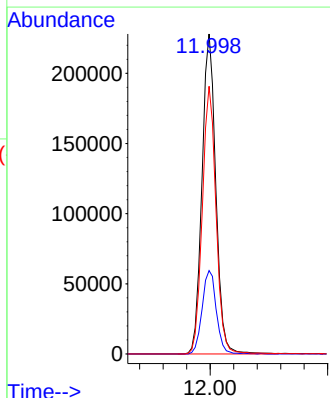
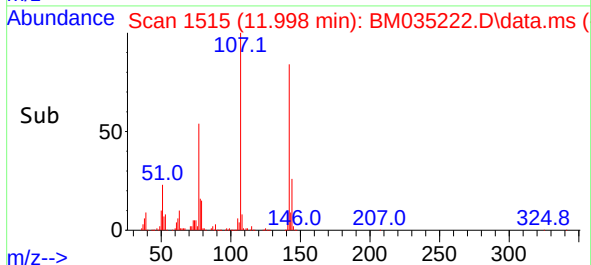
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

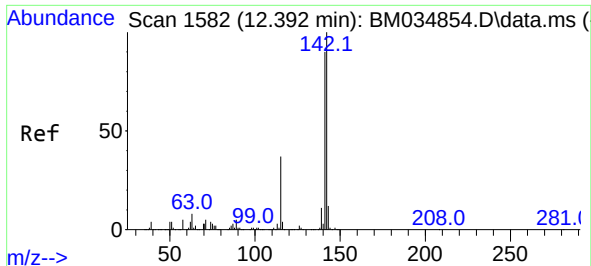


#36
4-Chloro-3-methylphenol
Concen: 44.990 ng
RT: 11.998 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



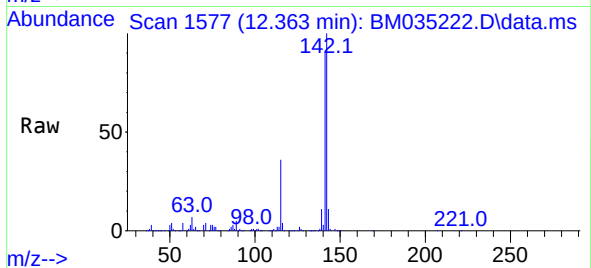
Tgt Ion:107 Resp: 372118
Ion Ratio Lower Upper
107 100
144 26.1 21.4 32.0
142 83.7 66.7 100.1





#37
2-Methylnaphthalene
Concen: 43.672 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

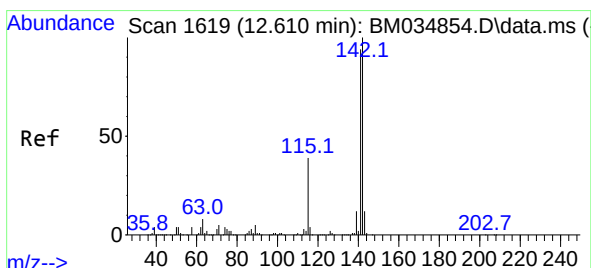
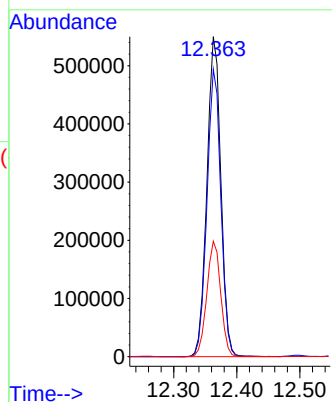
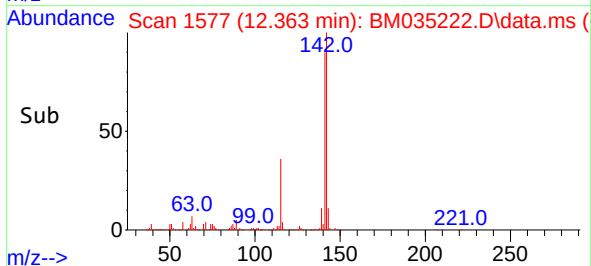
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



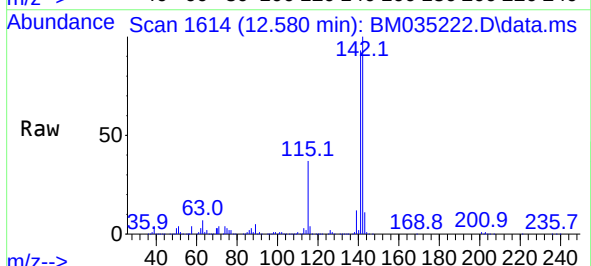
Tgt Ion:142 Resp: 844309
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6
115 36.1 29.6 44.4

Manual Integrations
APPROVED

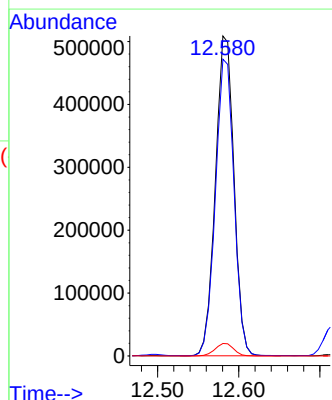
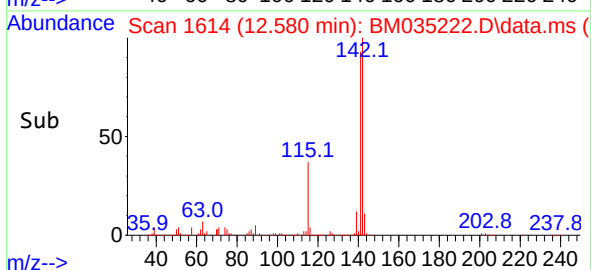
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

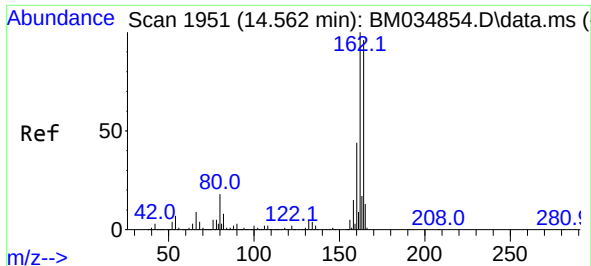


#38
1-Methylnaphthalene
Concen: 42.851 ng
RT: 12.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



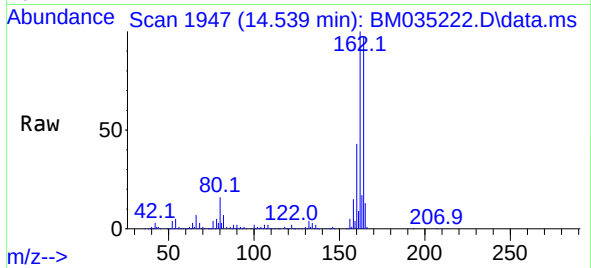
Tgt Ion:142 Resp: 808997
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4
116 3.9 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

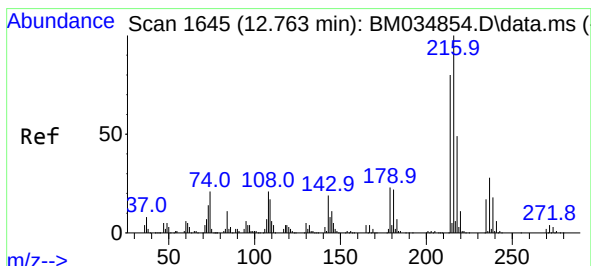
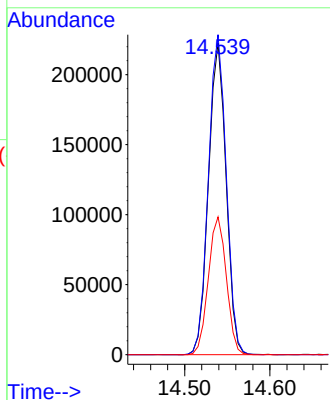
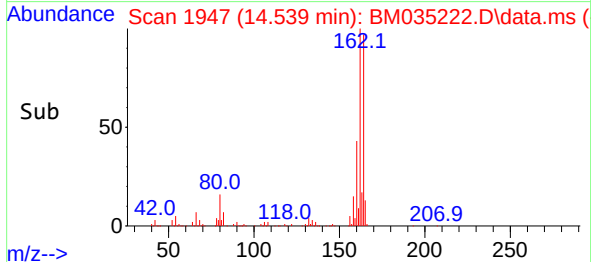
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



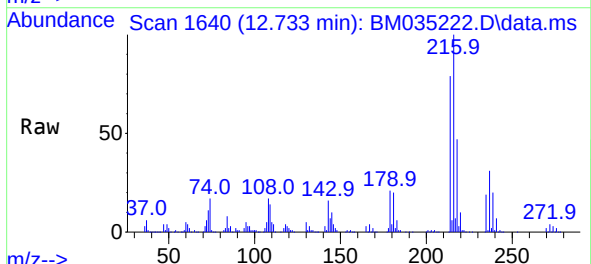
Tgt Ion:164 Resp: 31950
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 44.2 37.0 55.4

Manual Integrations
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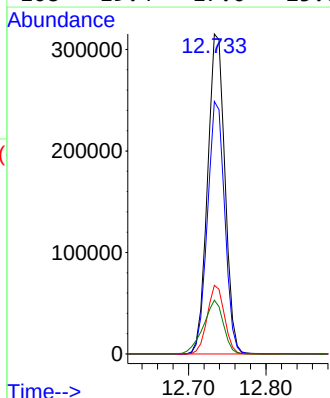
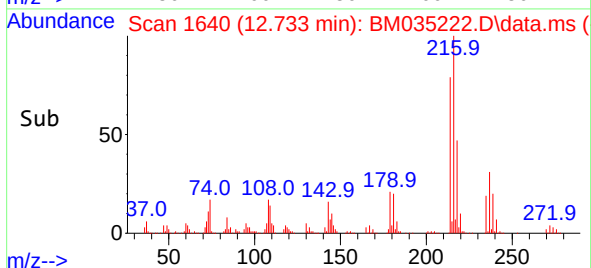
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

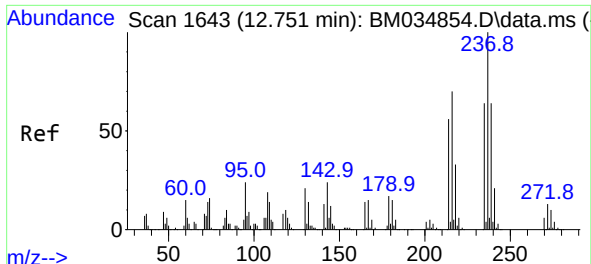


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.912 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



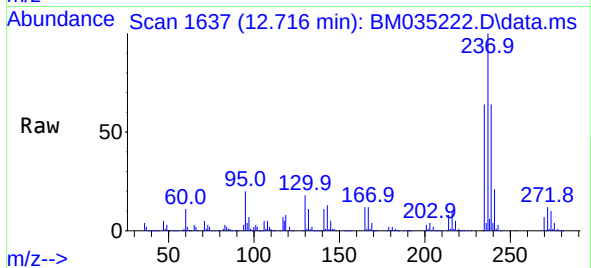
Tgt Ion:216 Resp: 490474
Ion Ratio Lower Upper
216 100
214 78.3 62.6 94.0
179 21.2 18.2 27.2
108 19.4 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 118.067 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

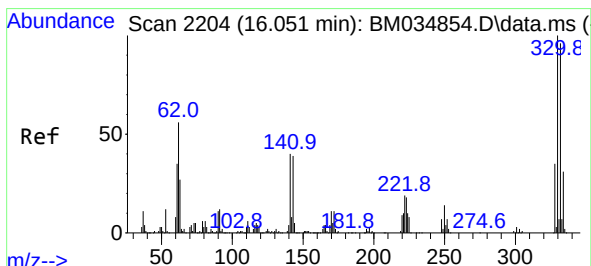
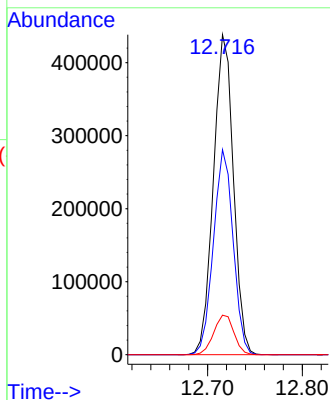
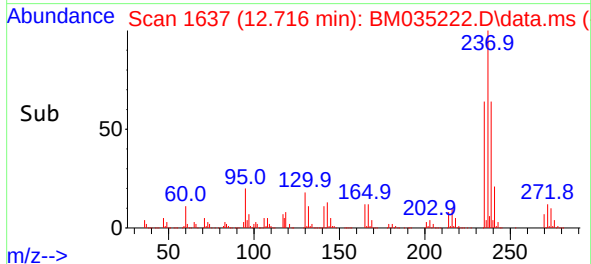
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



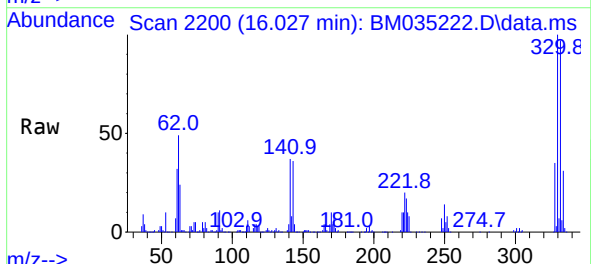
Tgt Ion: 237 Resp: 64310
Ion Ratio Lower Upper
237 100
235 64.1 43.8 83.8
272 12.4 0.0 32.5

Manual Integrations
APPROVED

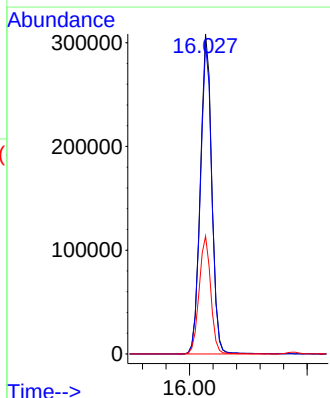
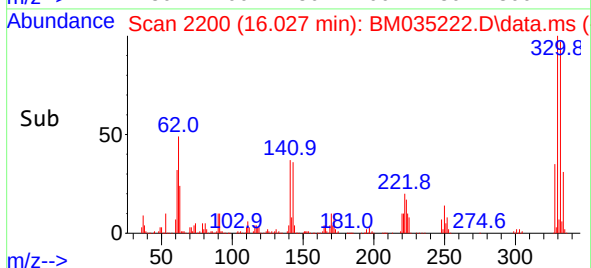
Reviewed By : Christian Giraldo 05/25/2022
Supervised By : Jagrut Upadhyay 05/25/2022

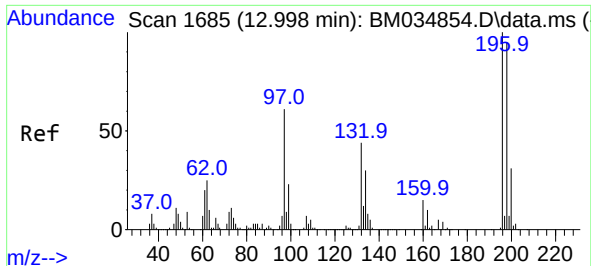


#42
2,4,6-Tribromophenol
Concen: 119.981 ng
RT: 16.027 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



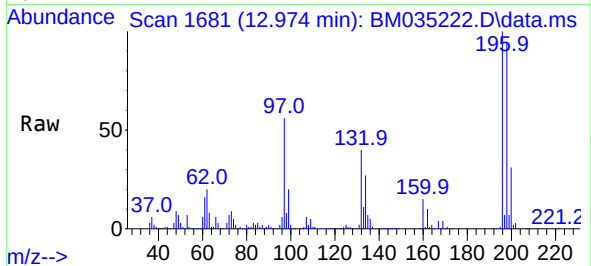
Tgt Ion: 330 Resp: 416996
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 37.1 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 50.389 ng
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

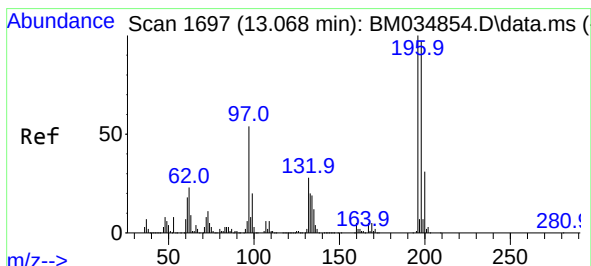
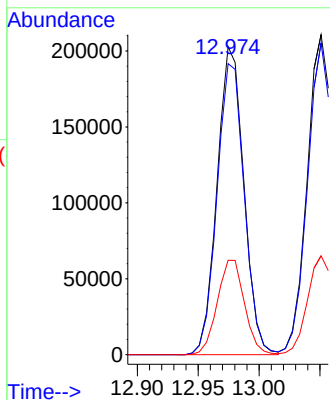
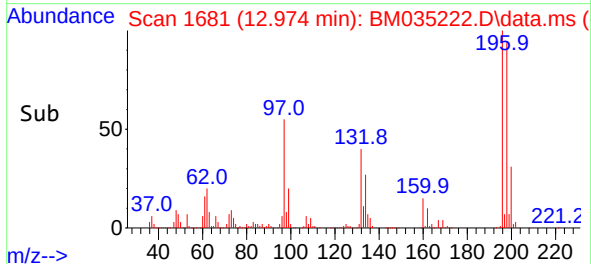
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



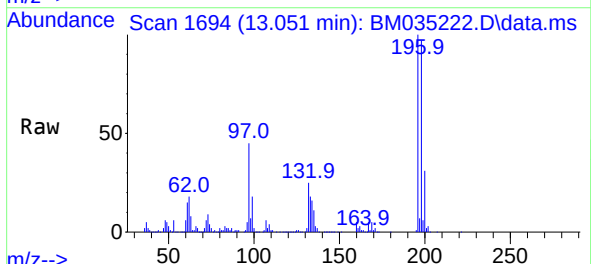
Tgt Ion:196 Resp: 31032
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
200 30.7 24.9 37.3

Manual Integrations
APPROVED

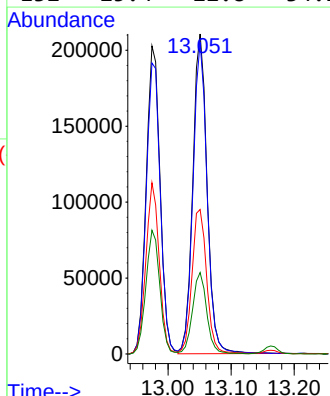
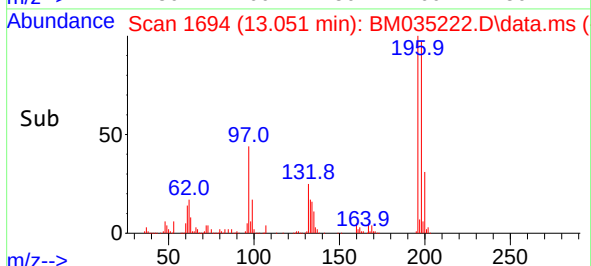
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

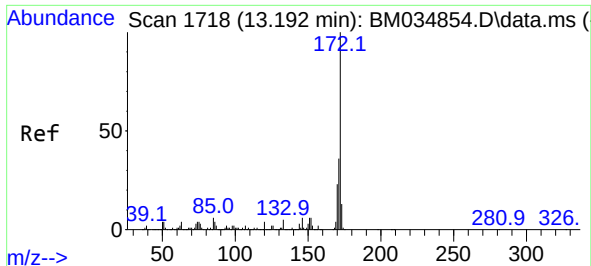


#44
2,4,5-Trichlorophenol
Concen: 48.452 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



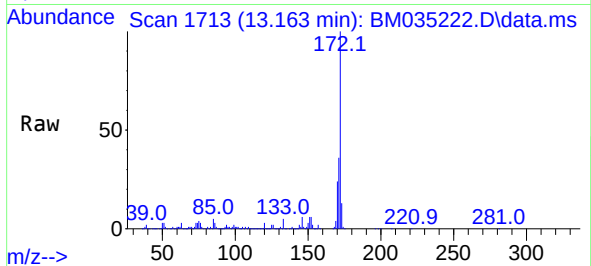
Tgt Ion:196 Resp: 331356
Ion Ratio Lower Upper
196 100
198 97.4 77.8 116.6
97 45.1 43.4 65.2
132 25.4 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 75.222 ng
RT: 13.163 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

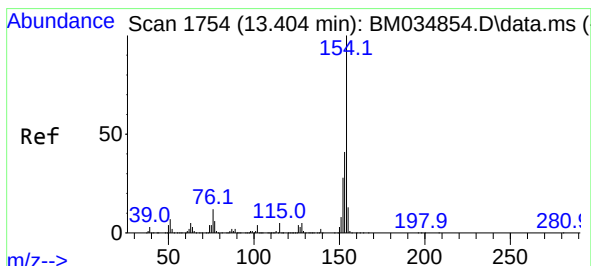
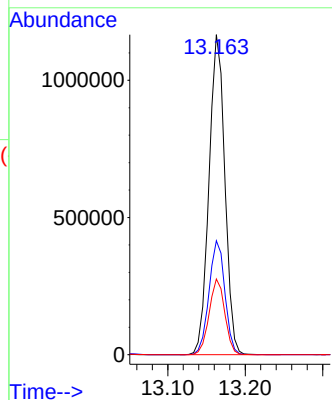
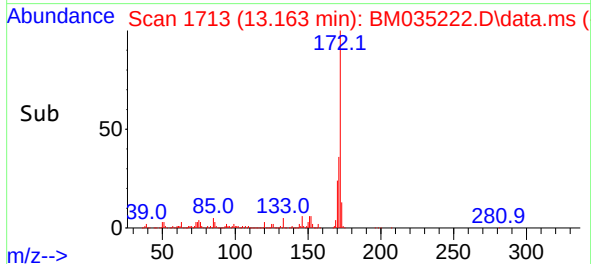
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



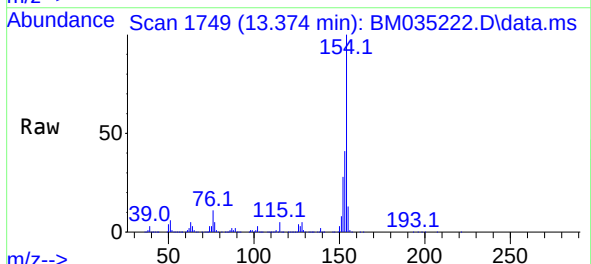
Tgt Ion:172 Resp: 1655579
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 18.7 28.1

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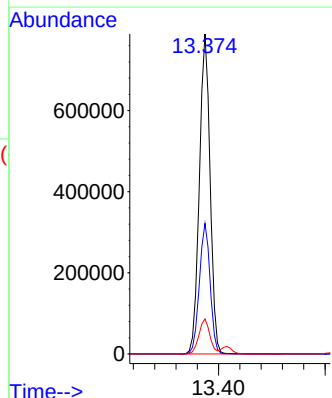
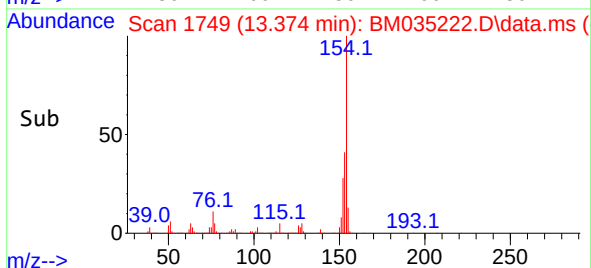
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

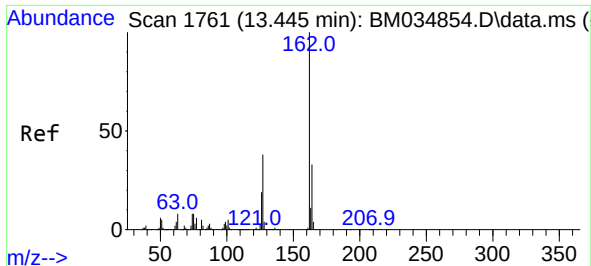


#46
1,1'-Biphenyl
Concen: 45.831 ng
RT: 13.374 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



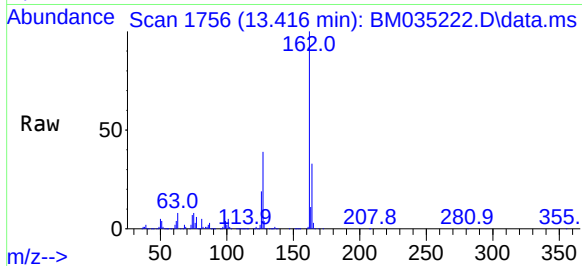
Tgt Ion:154 Resp: 1103179
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 11.0 0.0 31.8





#47
2-Chloronaphthalene
Concen: 45.891 ng
RT: 13.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

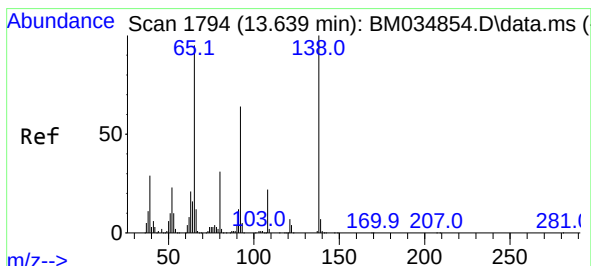
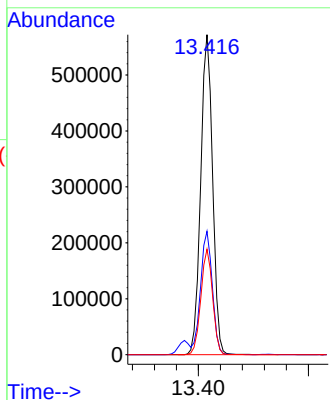
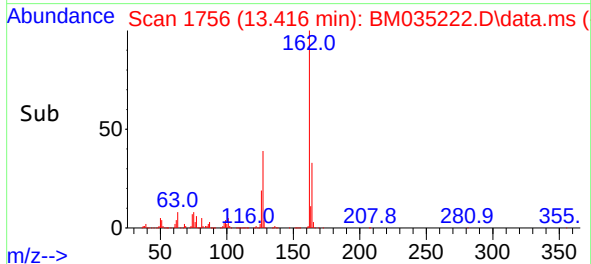
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



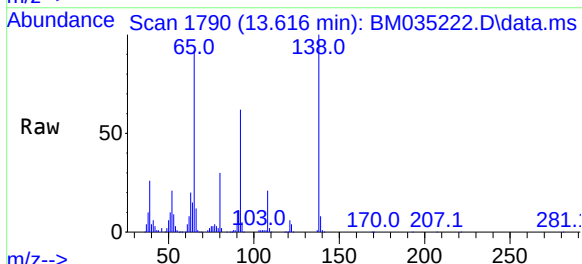
Tgt Ion:162 Resp: 86083
Ion Ratio Lower Upper
162 100
127 38.5 30.6 45.8
164 33.0 26.6 39.8

Manual Integrations
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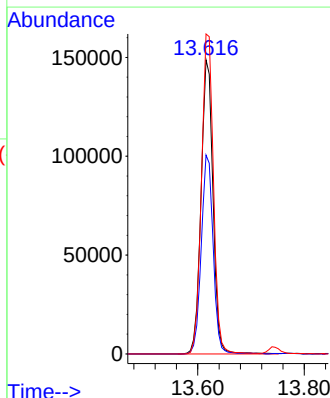
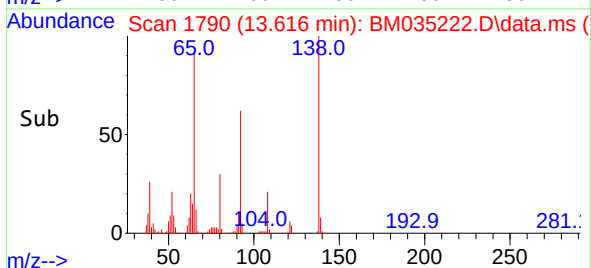
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

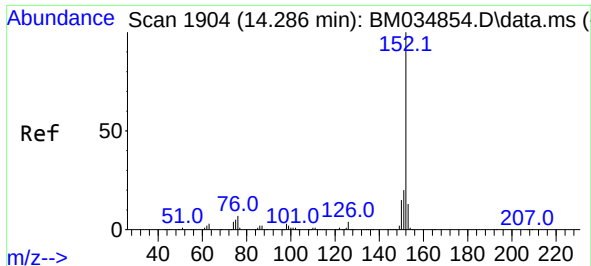


#48
2-Nitroaniline
Concen: 42.847 ng
RT: 13.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



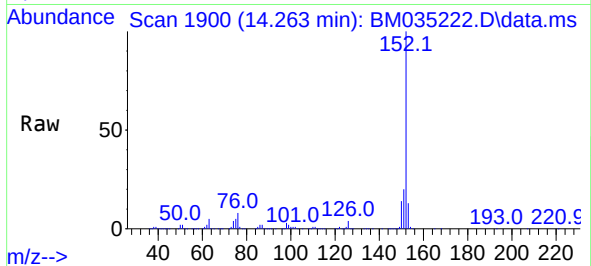
Tgt Ion: 65 Resp: 231212
Ion Ratio Lower Upper
65 100
92 67.6 53.7 80.5
138 108.8 83.9 125.9





#49
Acenaphthylene
Concen: 47.038 ng
RT: 14.263 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

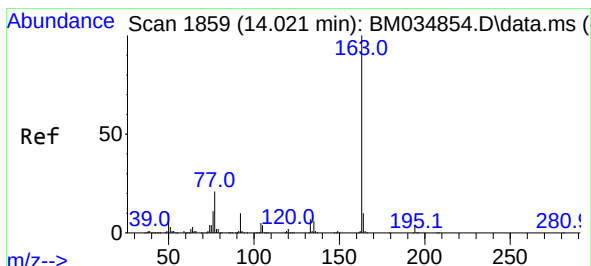
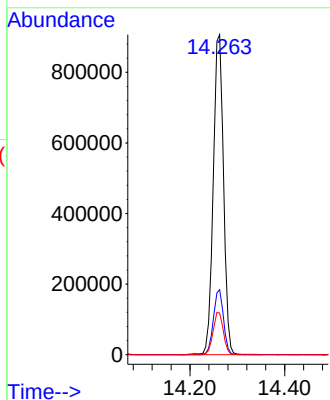
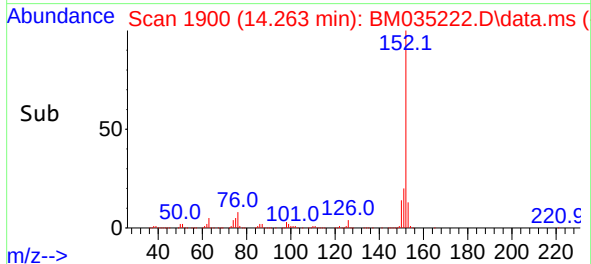
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



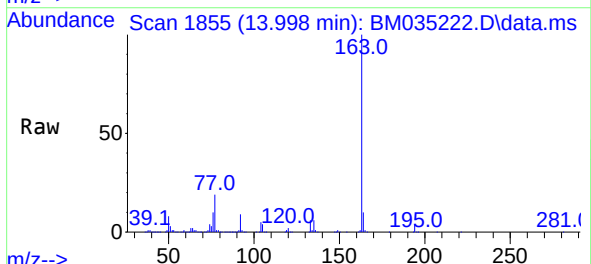
Tgt Ion:152 Resp: 1358470
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.5 15.7

Manual Integrations
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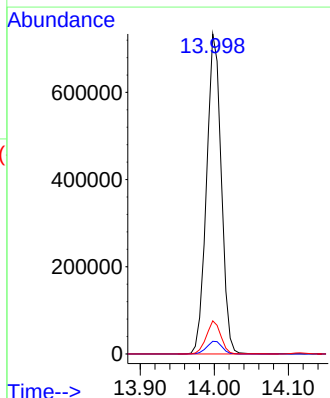
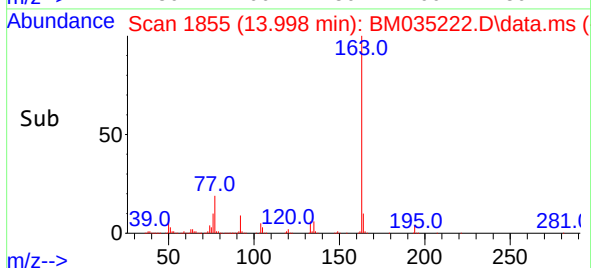
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

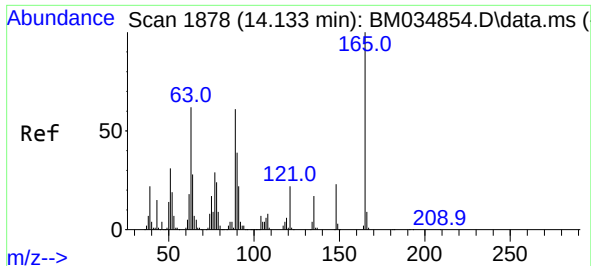


#50
Dimethylphthalate
Concen: 42.469 ng
RT: 13.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



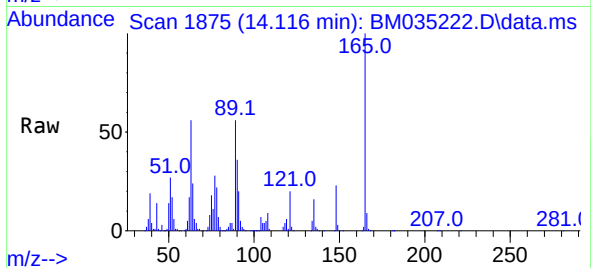
Tgt Ion:163 Resp: 1011619
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.4 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 46.180 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

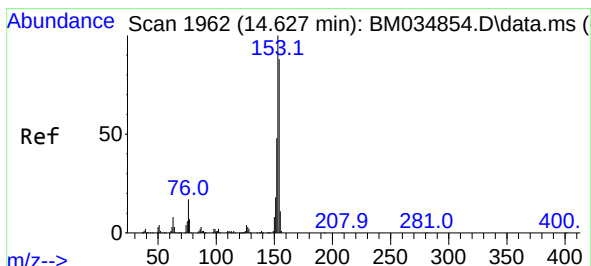
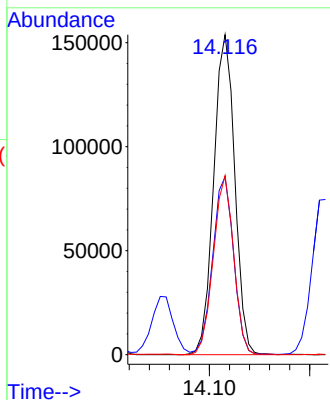
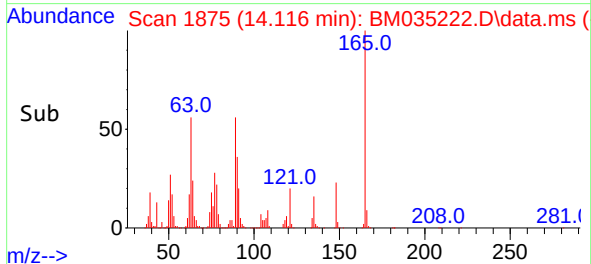
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



Tgt Ion:165 Resp: 223964
Ion Ratio Lower Upper
165 100
63 55.5 50.2 75.2
89 56.0 48.4 72.6

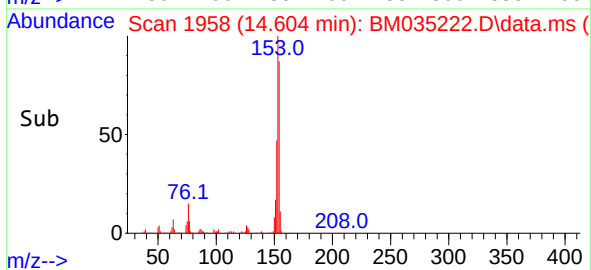
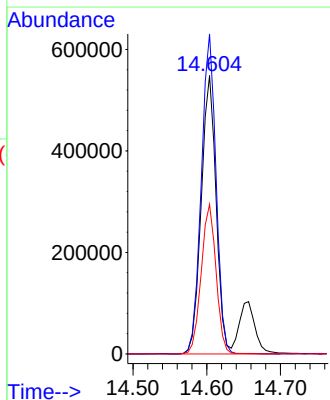
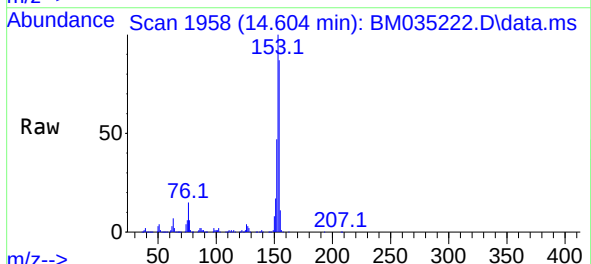
Manual Integrations
APPROVED

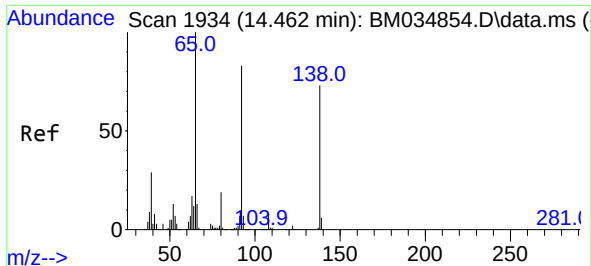
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#52
Acenaphthene
Concen: 47.290 ng m
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

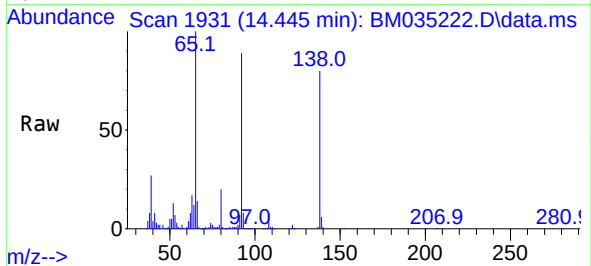
Tgt Ion:154 Resp: 925312
Ion Ratio Lower Upper
154 100
153 114.9 91.0 136.6
152 53.7 43.4 65.2





#53
3-Nitroaniline
Concen: 22.021 ng
RT: 14.445 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

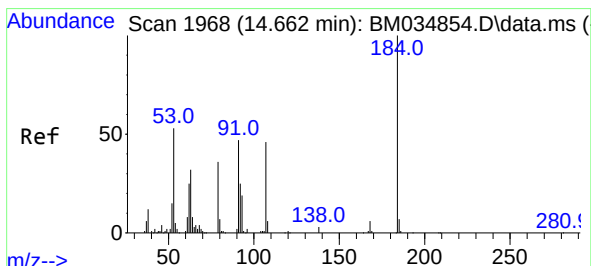
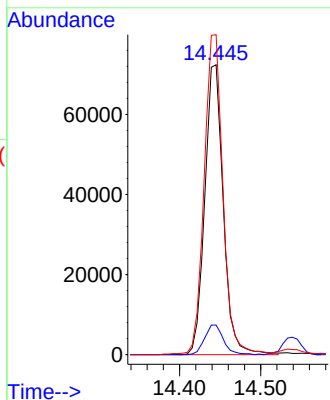
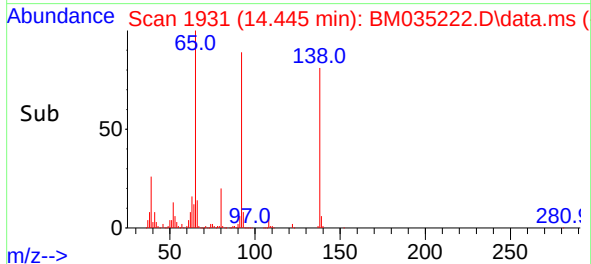
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



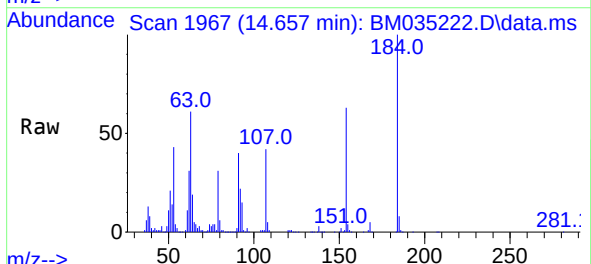
Tgt Ion:138 Resp: 114580
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 110.4 91.5 137.3

Manual Integrations
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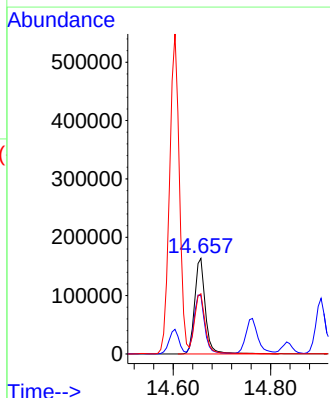
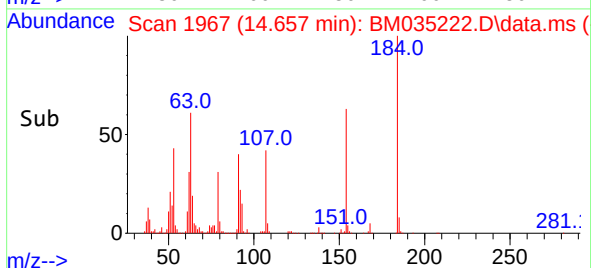
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

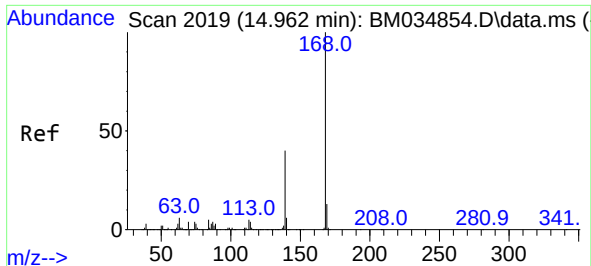


#54
2,4-Dinitrophenol
Concen: 88.290 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



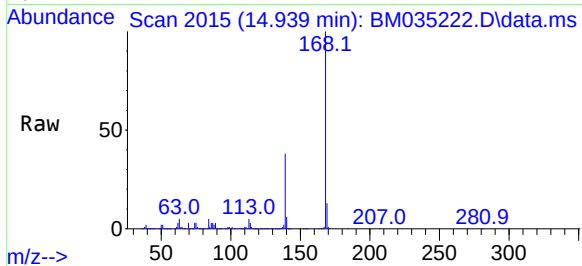
Tgt Ion:184 Resp: 251858
Ion Ratio Lower Upper
184 100
63 60.9 59.5 89.3
154 63.0 55.6 83.4





#55
Dibenzenofuran
Concen: 43.927 ng
RT: 14.939 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

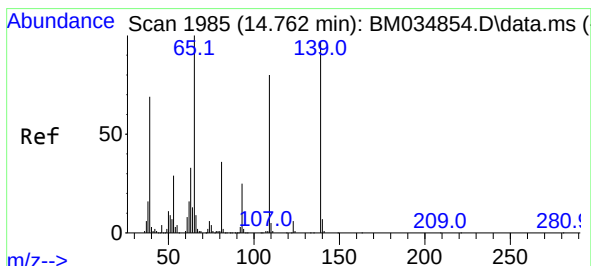
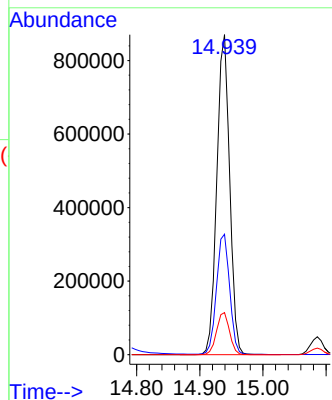
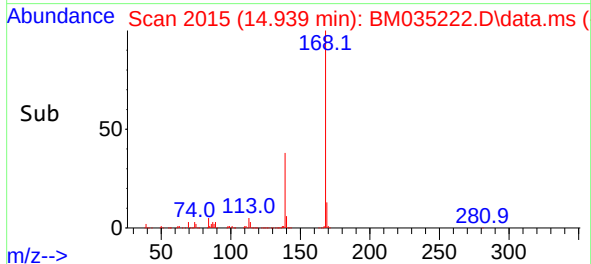
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



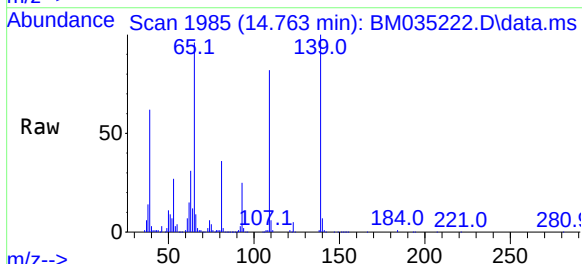
Tgt Ion:168 Resp: 1227070
Ion Ratio Lower Upper
168 100
139 37.7 32.2 48.2
169 13.1 10.6 16.0

Manual Integrations
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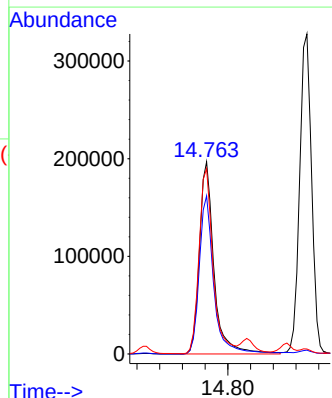
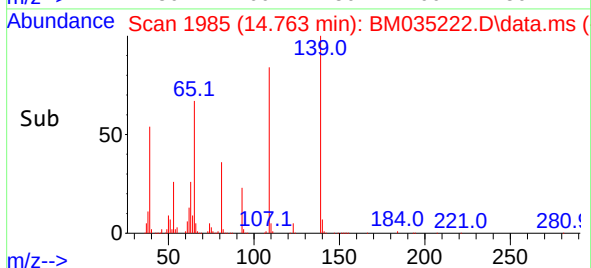
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

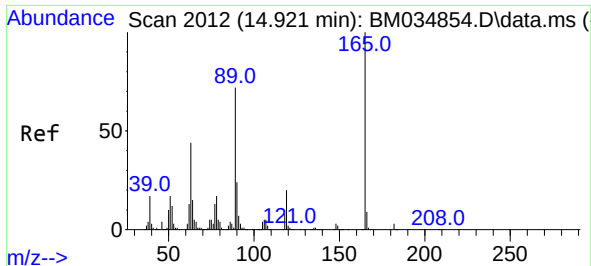


#56
4-Nitrophenol
Concen: 82.406 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



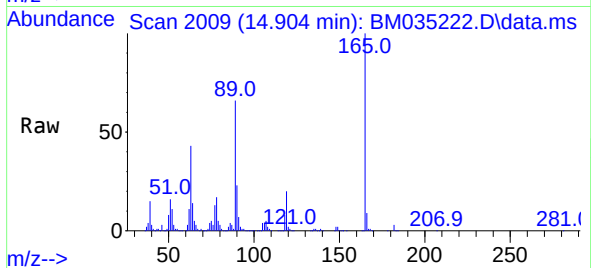
Tgt Ion:139 Resp: 350232
Ion Ratio Lower Upper
139 100
109 82.2 62.5 102.5
65 96.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 46.143 ng
RT: 14.904 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

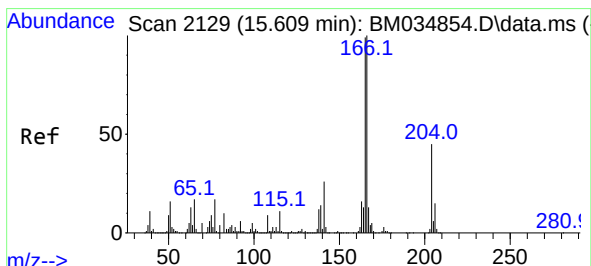
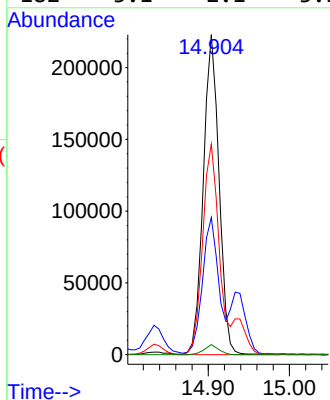
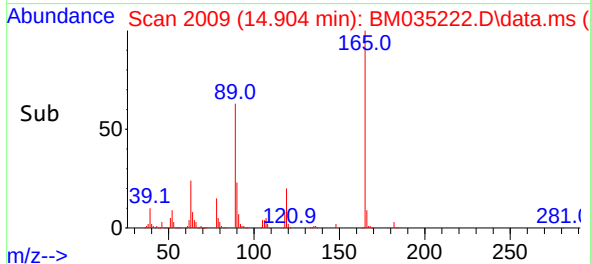
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



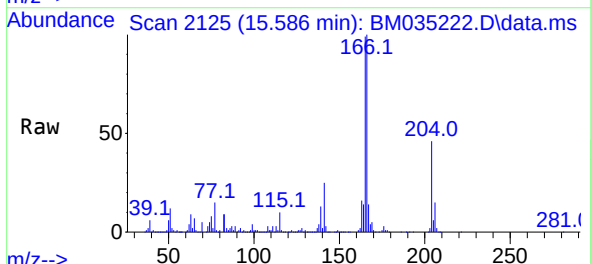
Tgt Ion:165 Resp: 29996
Ion Ratio Lower Upper
165 100
63 42.8 35.6 53.4
89 65.9 57.3 85.9
182 3.1 2.1 3.1#

Manual Integrations
APPROVED

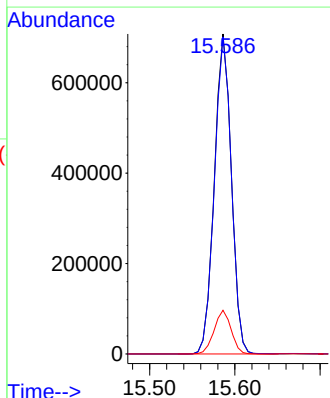
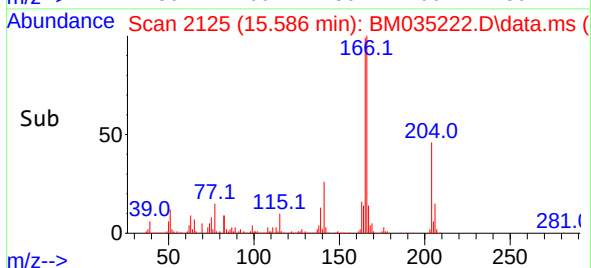
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

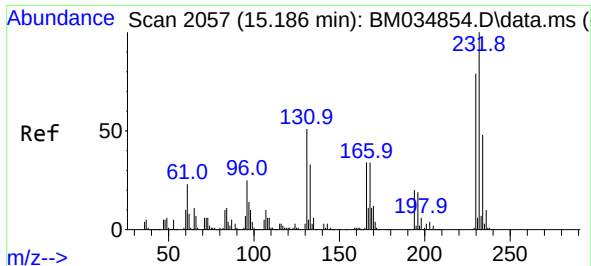


#58
Fluorene
Concen: 42.321 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



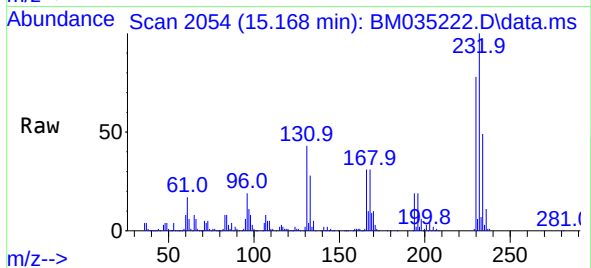
Tgt Ion:166 Resp: 981988
Ion Ratio Lower Upper
166 100
165 99.1 79.4 119.2
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.169 ng
RT: 15.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

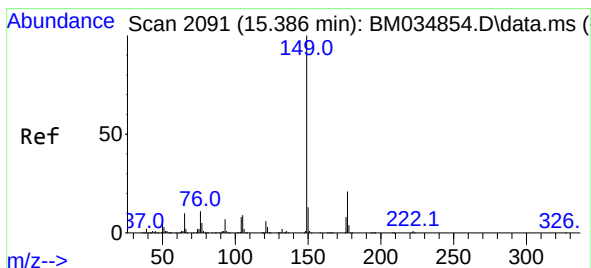
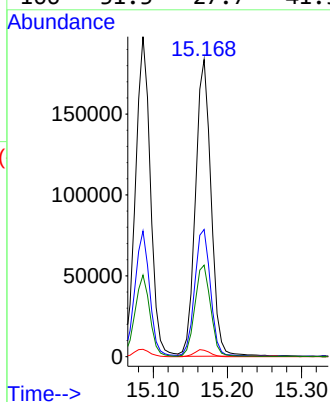
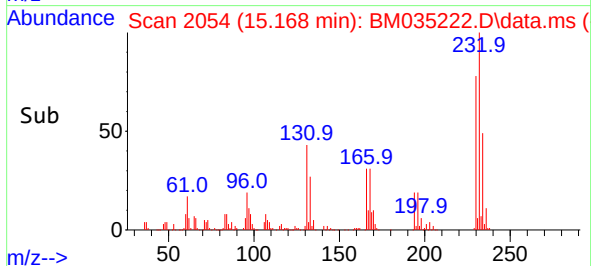
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



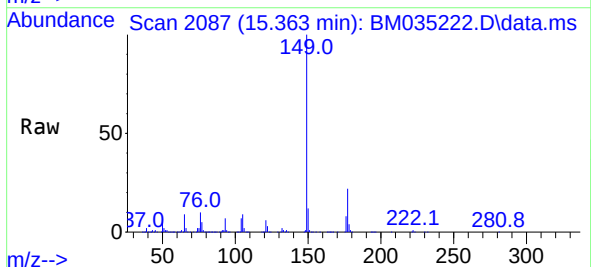
Tgt Ion:232 Resp: 268430
Ion Ratio Lower Upper
232 100
131 43.3 41.0 61.6
130 2.3 2.3 3.5
166 31.3 27.7 41.5

Manual Integrations
APPROVED

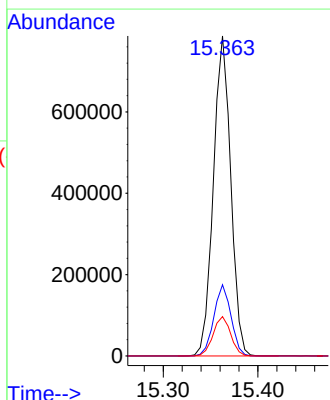
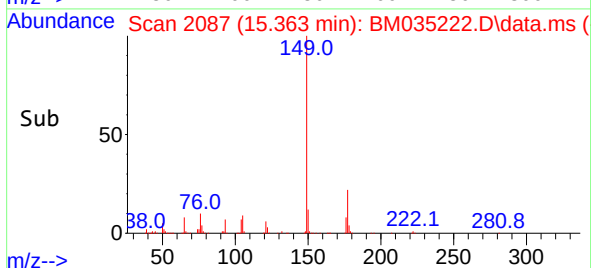
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

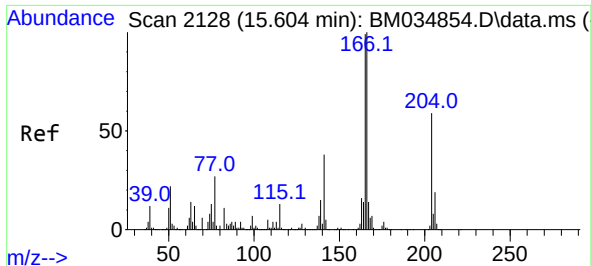


#60
Diethylphthalate
Concen: 41.263 ng
RT: 15.363 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



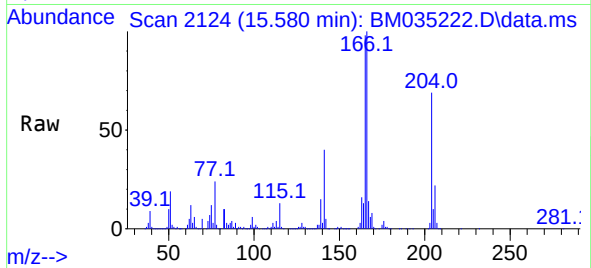
Tgt Ion:149 Resp: 1001096
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.147 ng
RT: 15.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

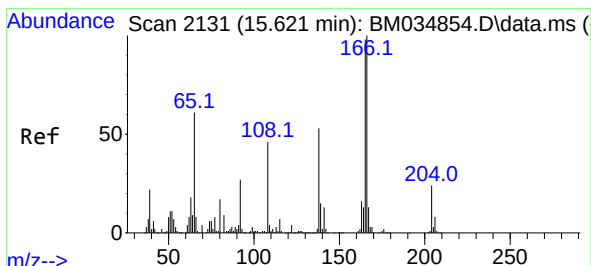
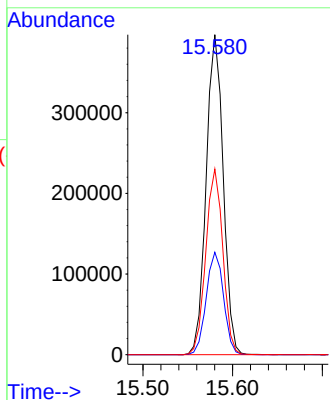
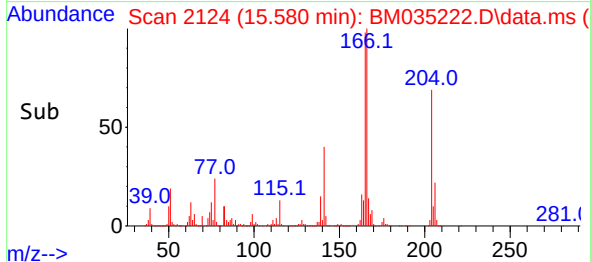
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



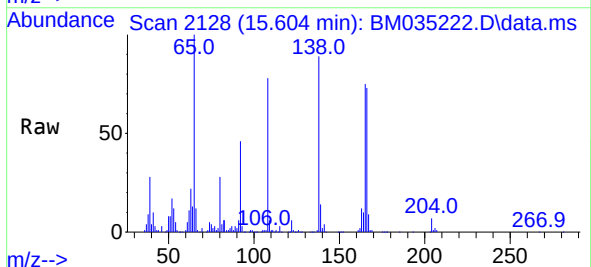
Tgt Ion:204 Resp: 523540
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 58.0 51.2 76.8

Manual Integrations
APPROVED

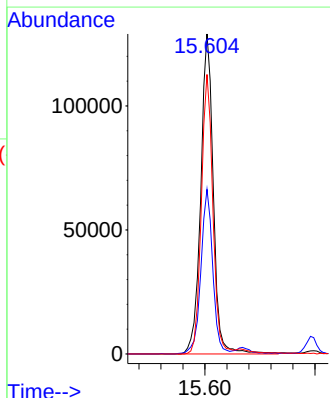
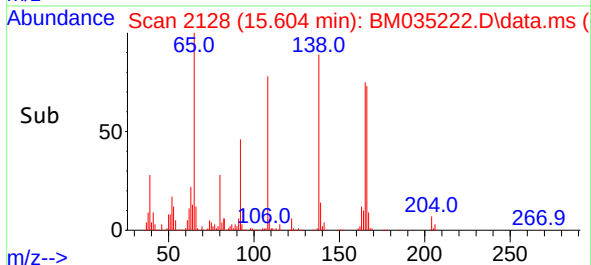
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

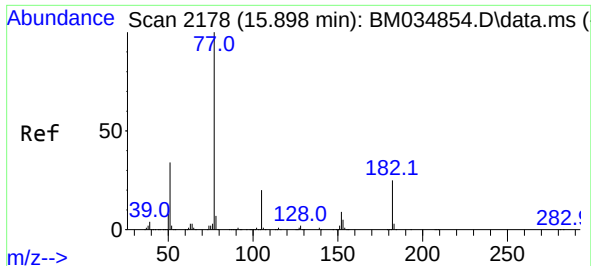


#62
4-Nitroaniline
Concen: 38.165 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



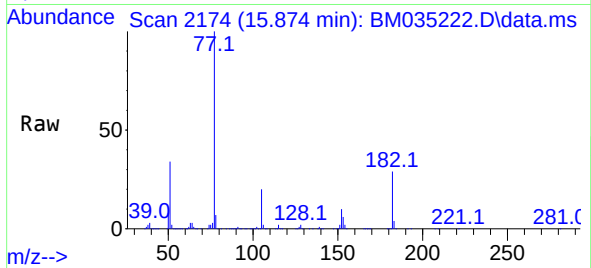
Tgt Ion:138 Resp: 205637
Ion Ratio Lower Upper
138 100
92 51.5 30.8 70.8
108 87.3 65.7 105.7





#63
Azobenzene
Concen: 38.722 ng
RT: 15.874 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

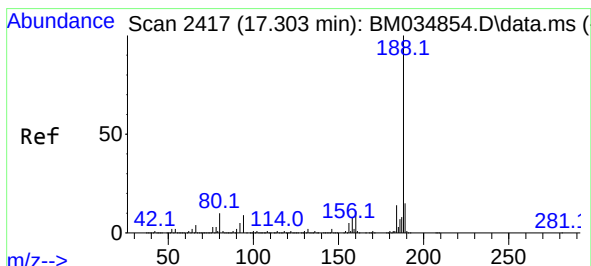
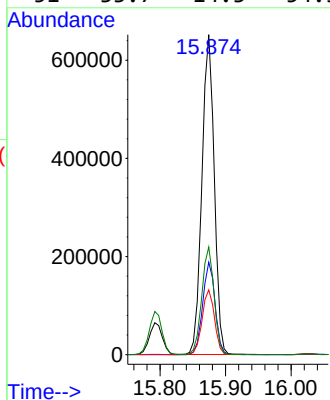
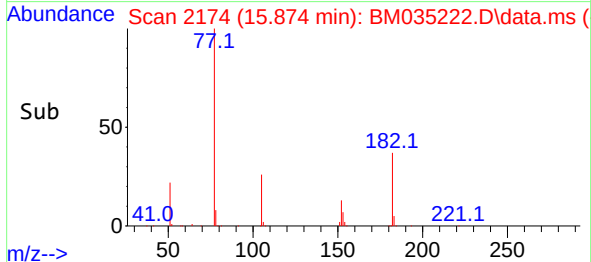
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



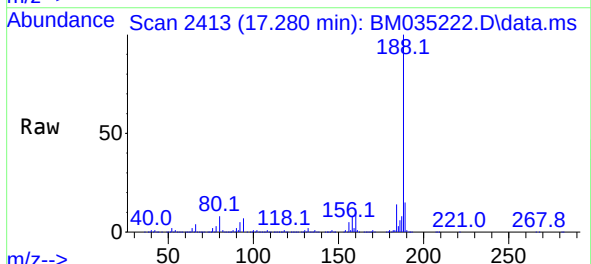
Tgt Ion: 77 Resp: 85683
Ion Ratio Lower Upper
77 100
182 28.9 4.9 44.9
105 20.2 0.0 39.6
51 33.7 14.3 54.3

Manual Integrations
APPROVED

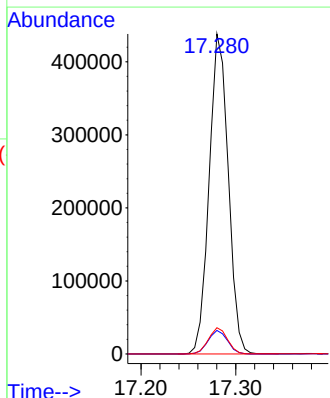
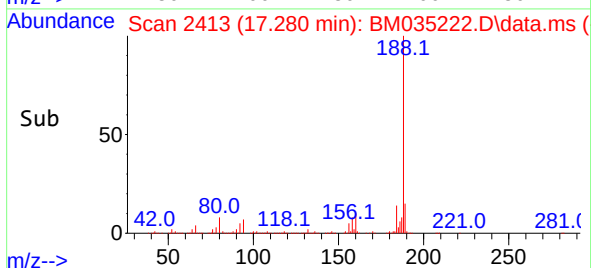
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

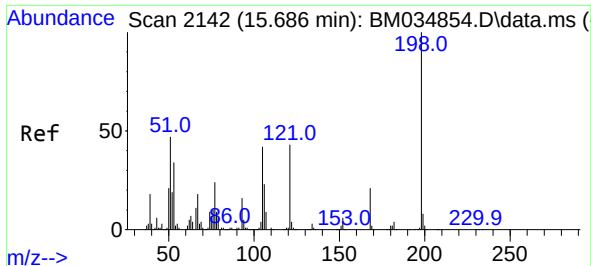


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



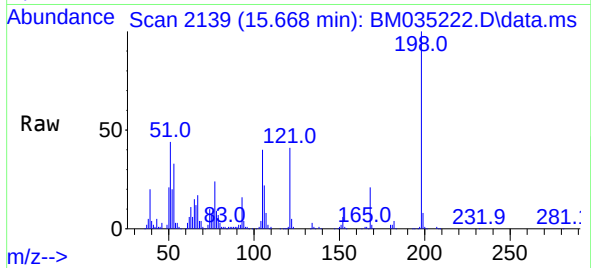
Tgt Ion:188 Resp: 612787
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 8.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.745 ng
RT: 15.668 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

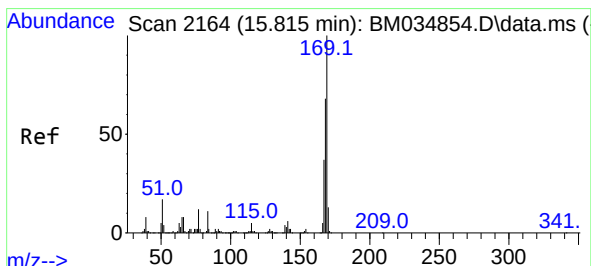
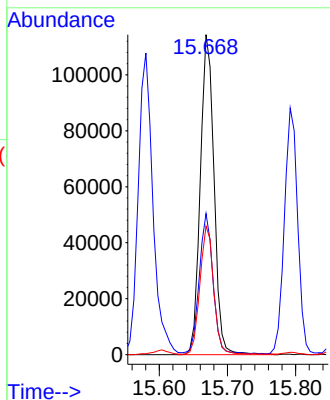
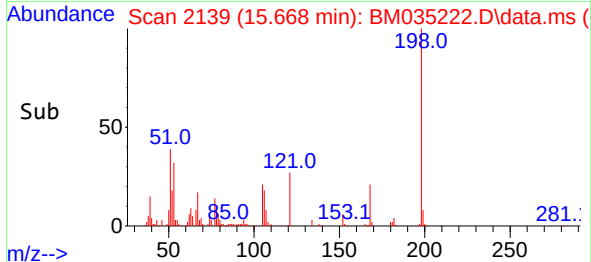
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



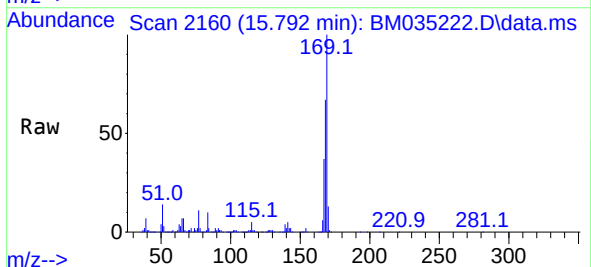
Tgt Ion:198 Resp: 16024
Ion Ratio Lower Upper
198 100
51 44.1 29.0 69.0
105 40.2 22.1 62.1

Manual Integrations
APPROVED

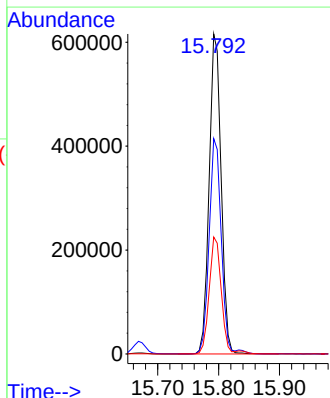
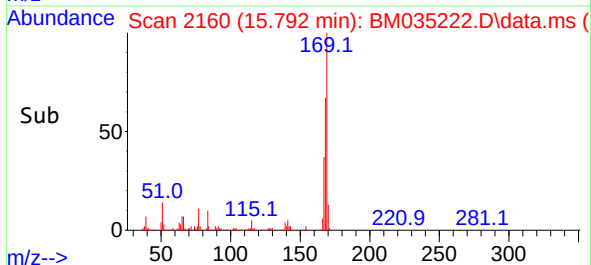
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

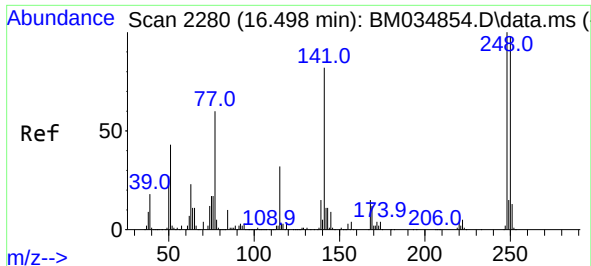


#66
n-Nitrosodiphenylamine
Concen: 45.156 ng
RT: 15.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



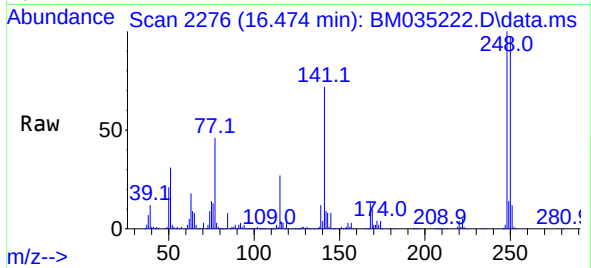
Tgt Ion:169 Resp: 838604
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 49.927 ng
RT: 16.474 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

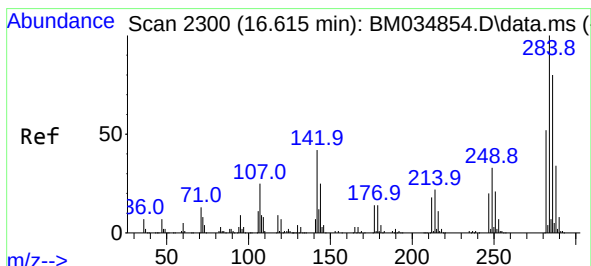
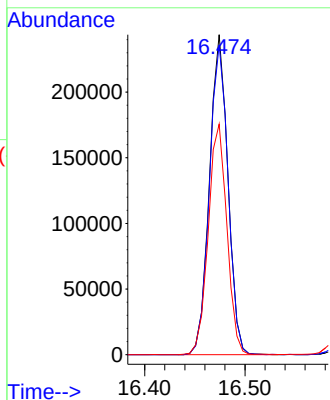
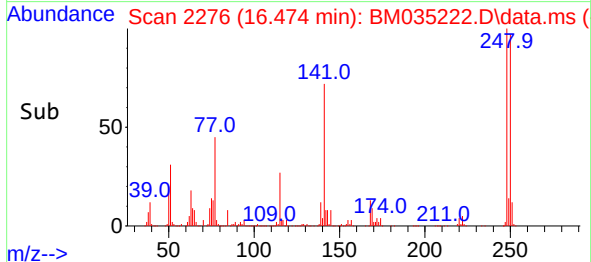
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



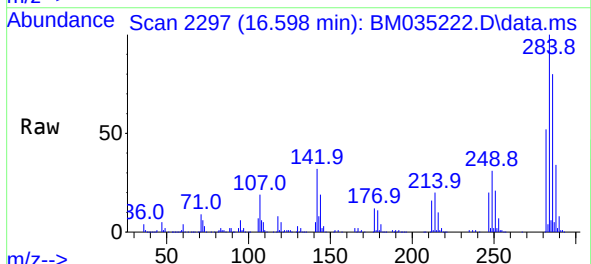
Tgt Ion:248 Resp: 31099
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 72.1 66.0 99.0

Manual Integrations
APPROVED

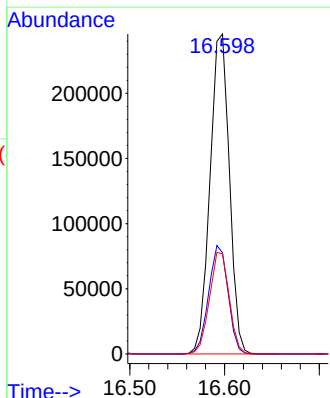
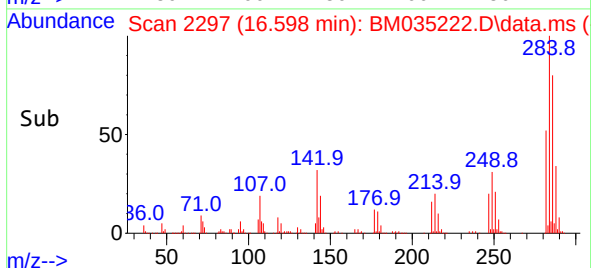
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

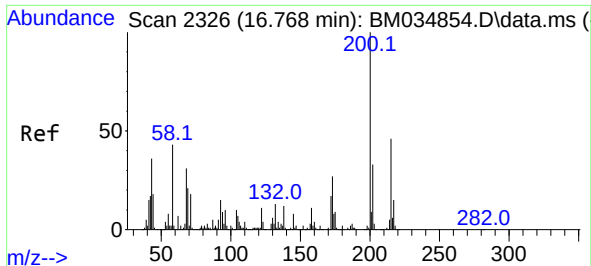


#68
Hexachlorobenzene
Concen: 49.519 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion:284 Resp: 348244
Ion Ratio Lower Upper
284 100
142 31.6 33.6 50.4#
249 31.3 26.2 39.2





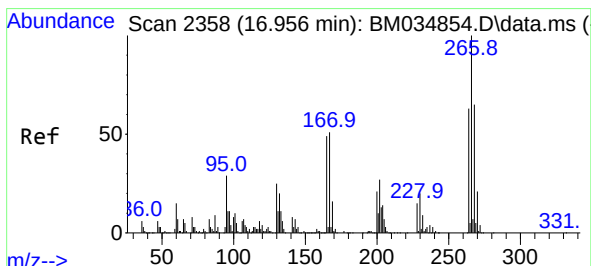
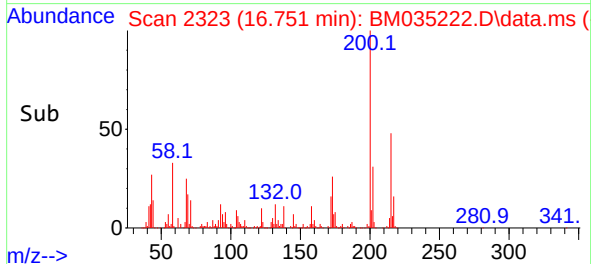
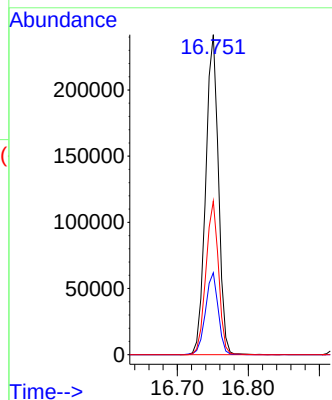
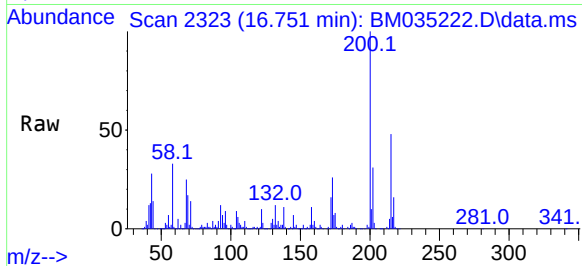
#69
Atrazine
Concen: 48.495 ng
RT: 16.751 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS

Tgt Ion:200 Resp: 30236
Ion Ratio Lower Upper
200 100
173 25.6 6.6 46.6
215 48.0 26.2 66.2

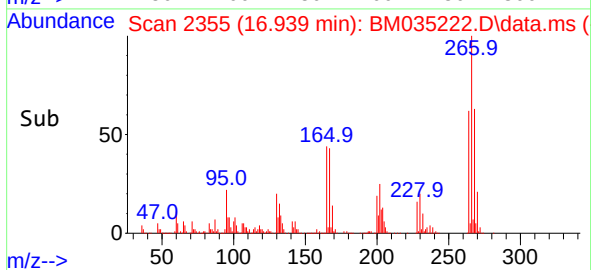
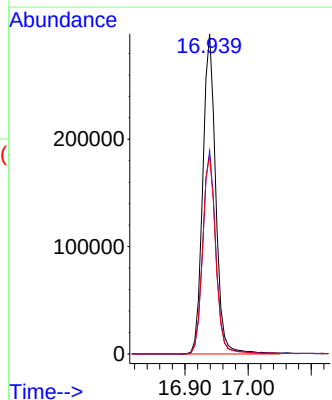
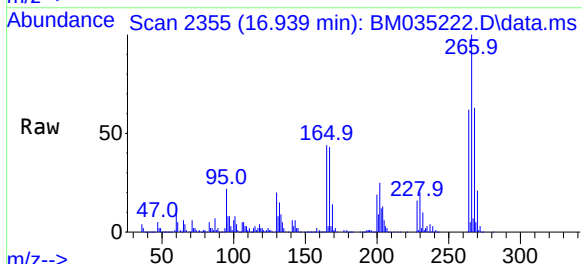
Manual Integrations
APPROVED

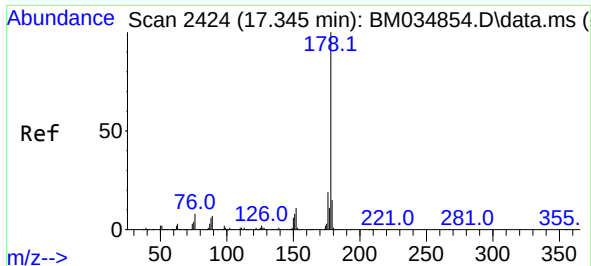
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#70
Pentachlorophenol
Concen: 96.133 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

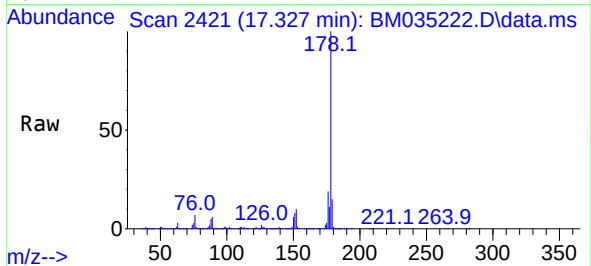
Tgt Ion:266 Resp: 423591
Ion Ratio Lower Upper
266 100
268 63.4 51.9 77.9
264 62.0 50.6 76.0





#71
Phenanthrene
Concen: 43.872 ng
RT: 17.327 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

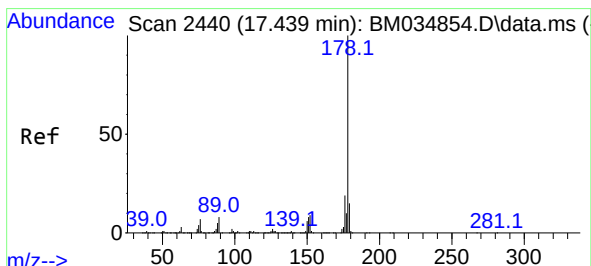
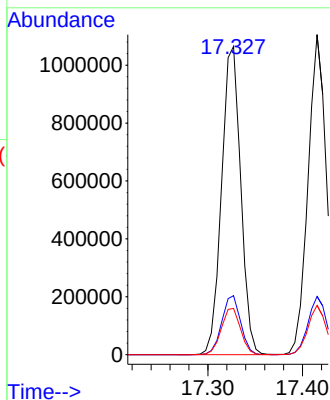
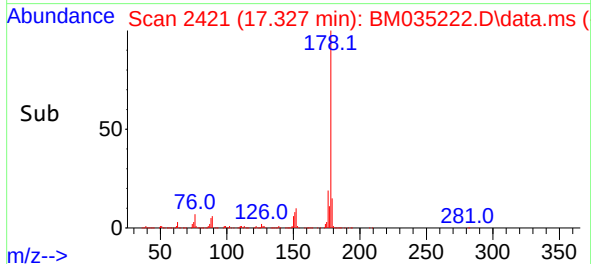
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



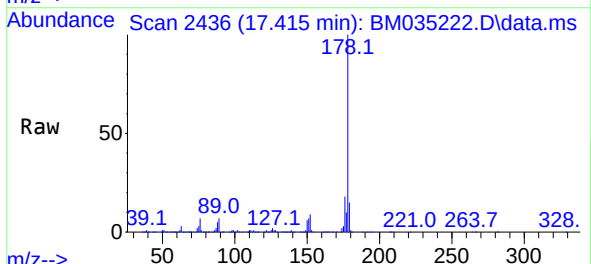
Tgt Ion:178 Resp: 1498319
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.0 12.4 18.6

Manual Integrations
APPROVED

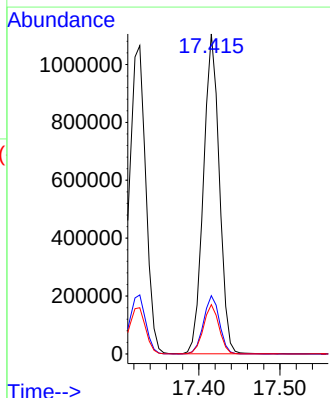
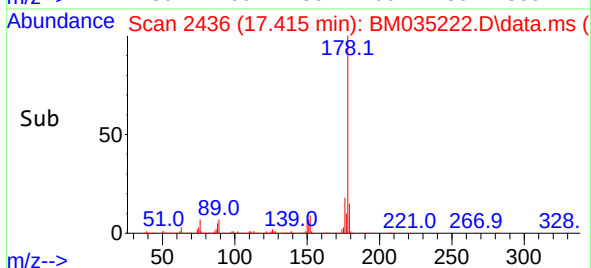
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

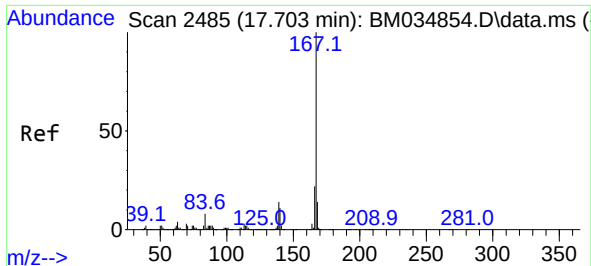


#72
Anthracene
Concen: 45.367 ng
RT: 17.415 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



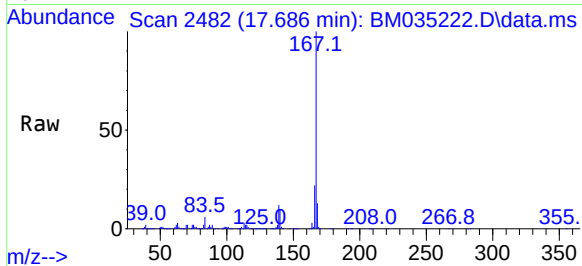
Tgt Ion:178 Resp: 1496061
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 43.043 ng
 RT: 17.686 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM035222.D
 Acq: 24 May 2022 16:56

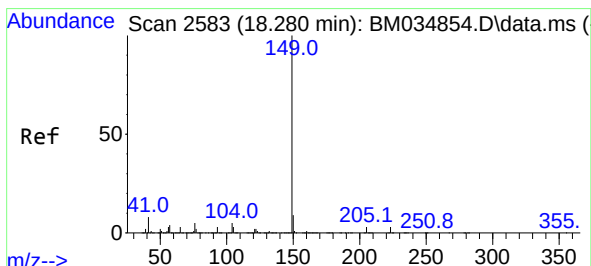
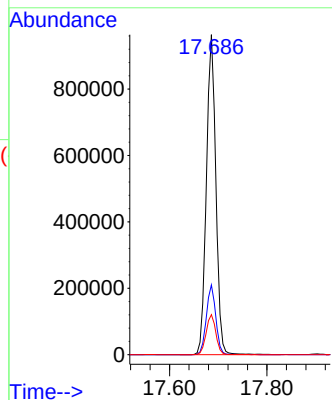
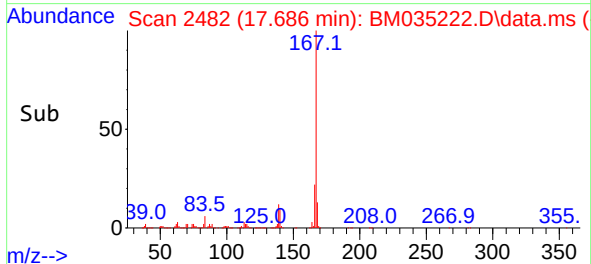
Instrument :
 BNA_M
 ClientSampleId :
 SB-8(4-4.5)MS



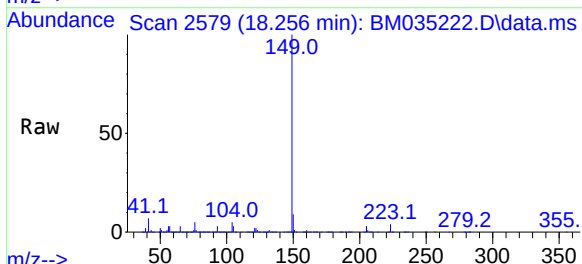
Tgt Ion:167 Resp: 1296379
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 12.5 10.9 16.3

Manual Integrations
 APPROVED

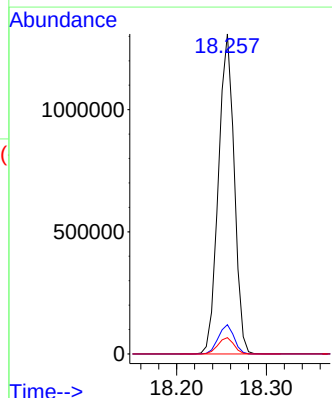
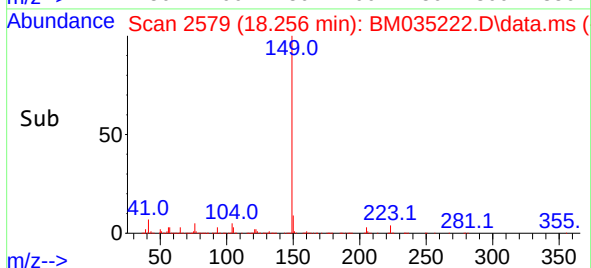
Reviewed By :Christian Giraldo 05/25/2022
 Supervised By :Jagrut Upadhyay 05/25/2022

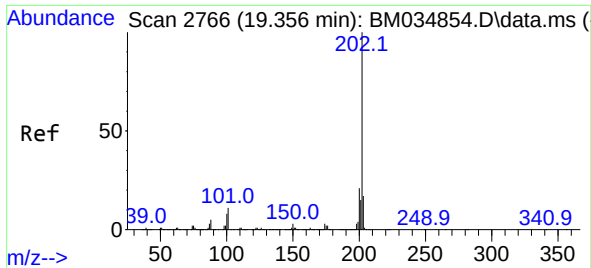


#74
 Di-n-butylphthalate
 Concen: 41.736 ng
 RT: 18.256 min Scan# 2579
 Delta R.T. -0.006 min
 Lab File: BM035222.D
 Acq: 24 May 2022 16:56



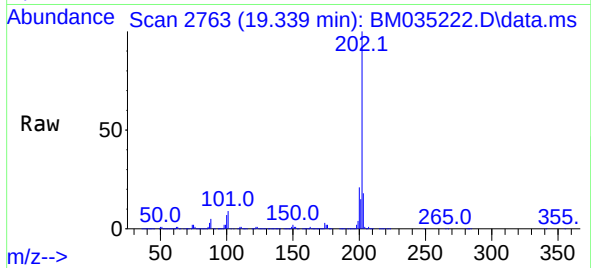
Tgt Ion:149 Resp: 1599342
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 45.704 ng
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

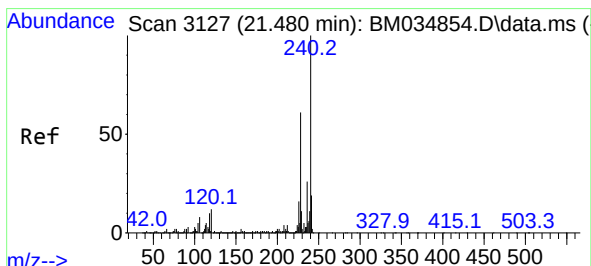
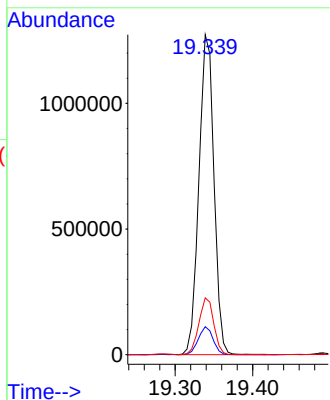
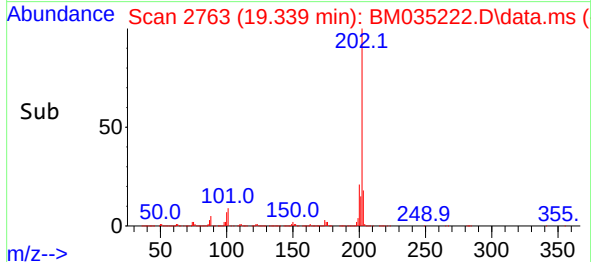
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



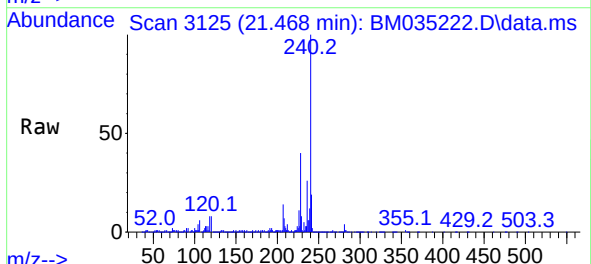
Tgt Ion:202 Resp: 1713950
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.6
203 17.8 0.0 37.4

Manual Integrations
APPROVED

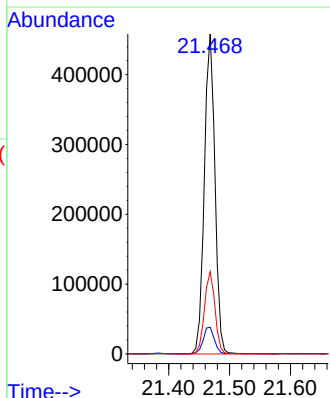
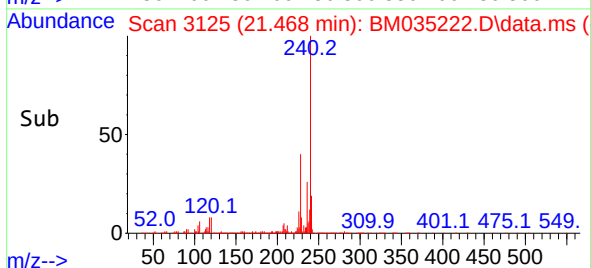
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

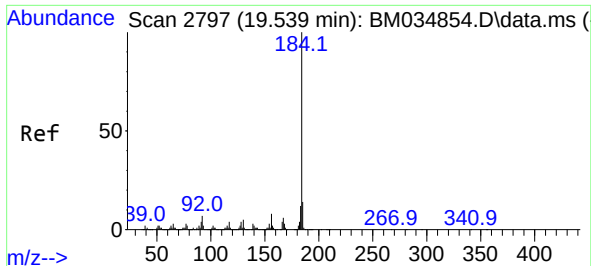


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion:240 Resp: 556199
Ion Ratio Lower Upper
240 100
120 8.4 9.4 14.0#
236 25.7 20.6 30.8





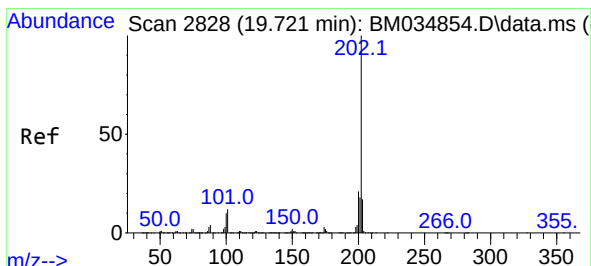
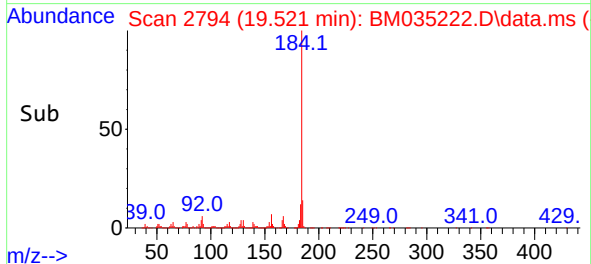
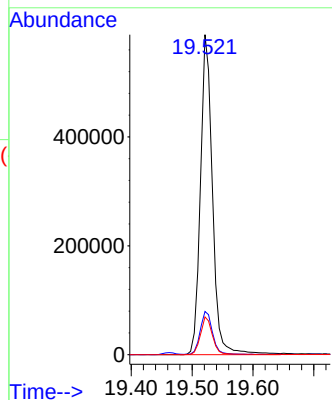
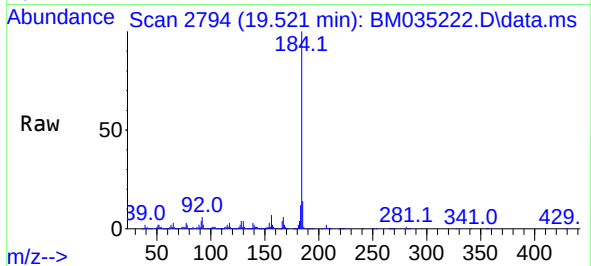
#77
Benzidine
Concen: 47.679 ng
RT: 19.521 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS

Tgt Ion:184 Resp: 81013
Ion Ratio Lower Upper
184 100
185 13.5 11.3 16.9
183 11.8 9.5 14.3

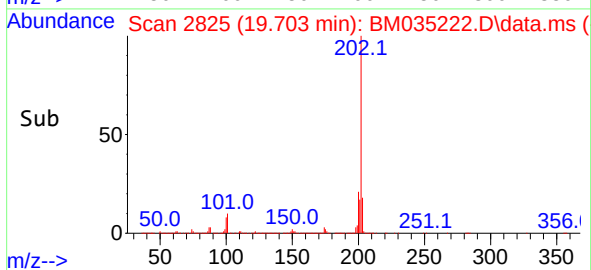
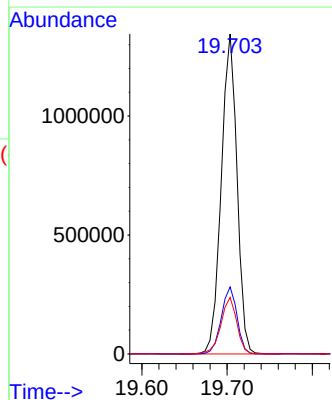
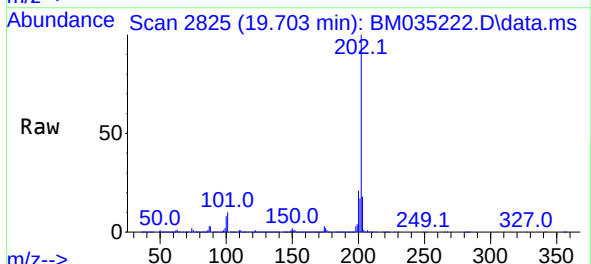
Manual Integrations
APPROVED

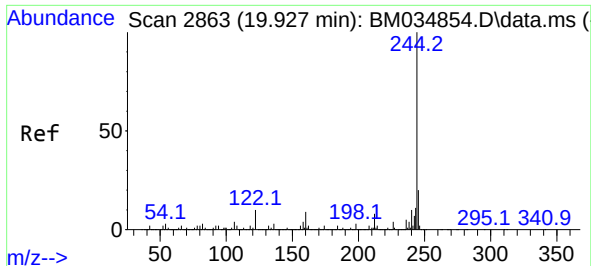
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#78
Pyrene
Concen: 46.911 ng
RT: 19.703 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Tgt Ion:202 Resp: 1725469
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 67.685 ng
 RT: 19.903 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035222.D
 Acq: 24 May 2022 16:56

Instrument :

BNA_M

ClientSampleId :

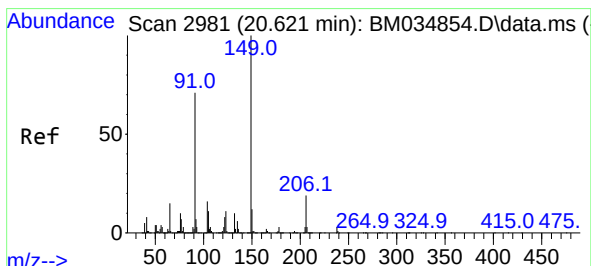
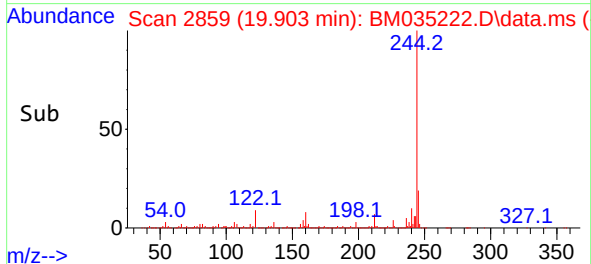
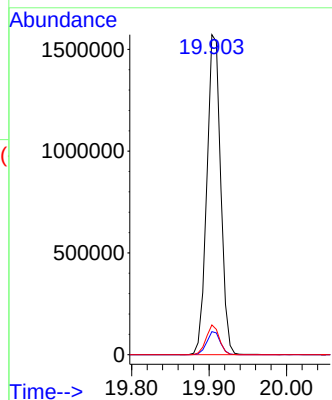
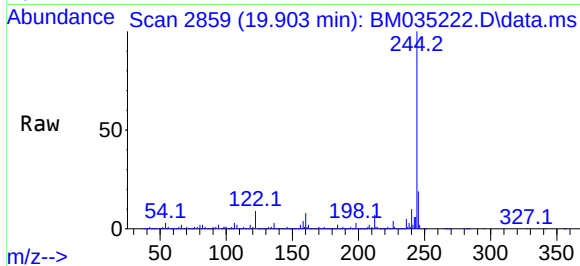
SB-8(4-4.5)MS

Tgt Ion:244 Resp: 194433
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.3 8.3 12.5

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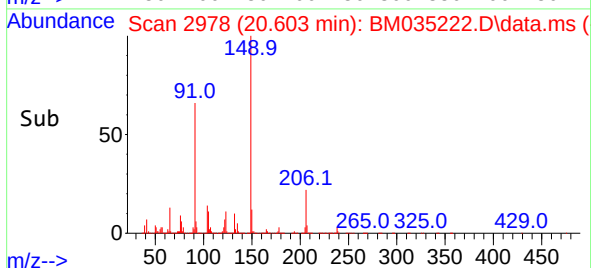
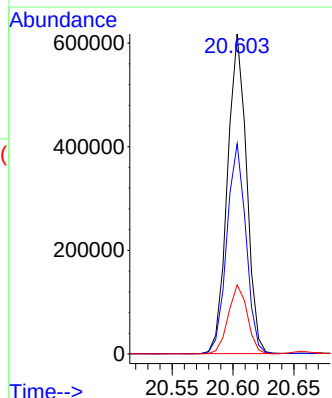
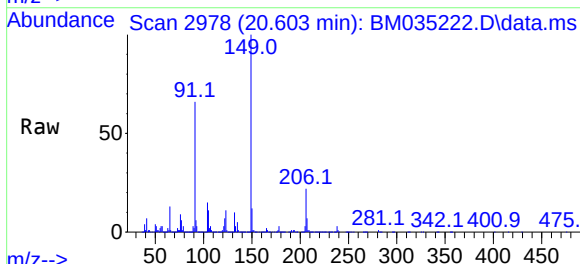
APPROVED

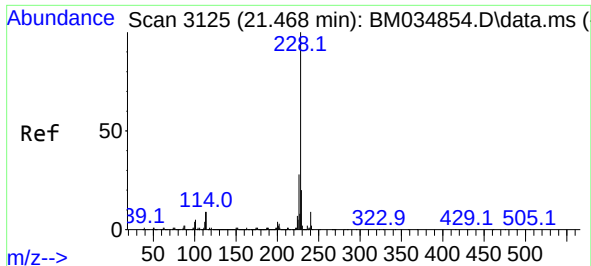
Reviewed By :Christian Giraldo 05/25/2022
 Supervised By :Jagrut Upadhyay 05/25/2022



#80
 Butylbenzylphthalate
 Concen: 41.730 ng
 RT: 20.603 min Scan# 2978
 Delta R.T. -0.006 min
 Lab File: BM035222.D
 Acq: 24 May 2022 16:56

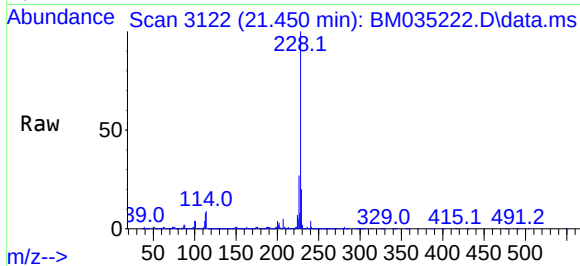
Tgt Ion:149 Resp: 673724
 Ion Ratio Lower Upper
 149 100
 91 65.7 56.6 85.0
 206 21.6 15.4 23.0





#81
Benzo(a)anthracene
Concen: 45.389 ng
RT: 21.450 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

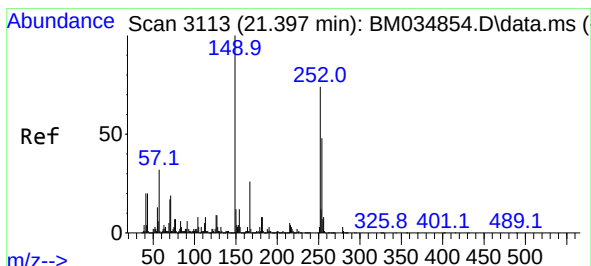
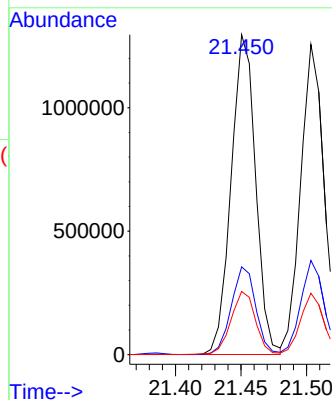
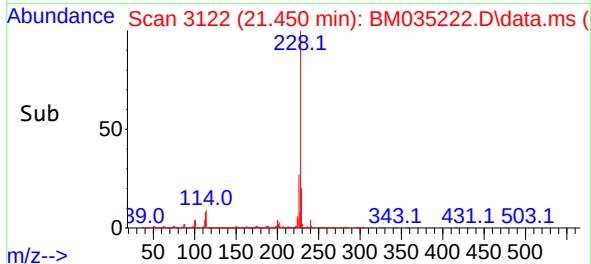
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



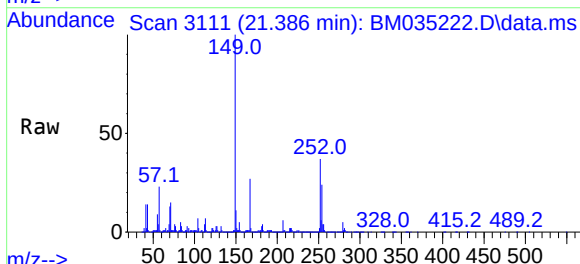
Tgt Ion:228 Resp: 1684549
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.8 15.8 23.6

Manual Integrations
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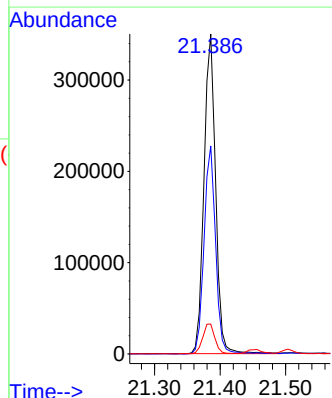
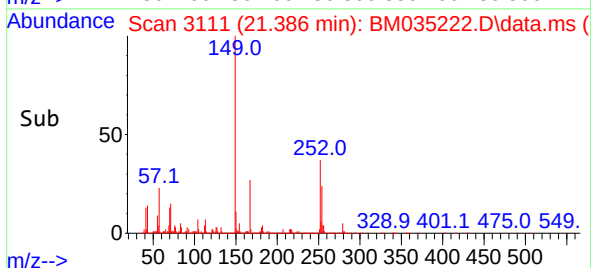
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

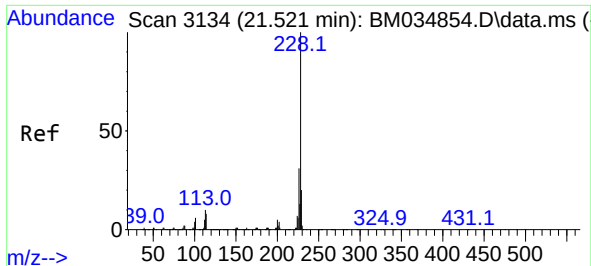


#82
3,3'-Dichlorobenzidine
Concen: 40.035 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion:252 Resp: 433067
Ion Ratio Lower Upper
252 100
254 65.0 51.7 77.5
126 9.3 9.4 14.0#





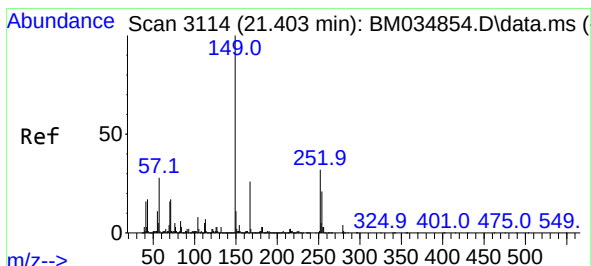
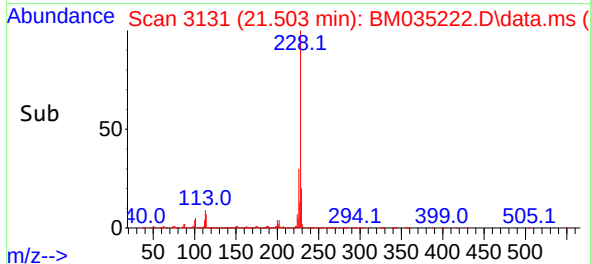
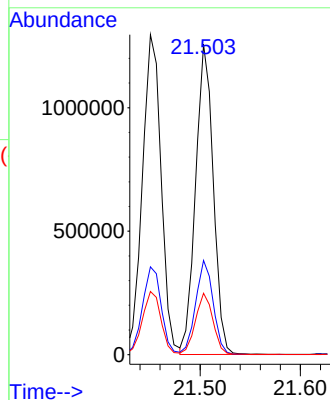
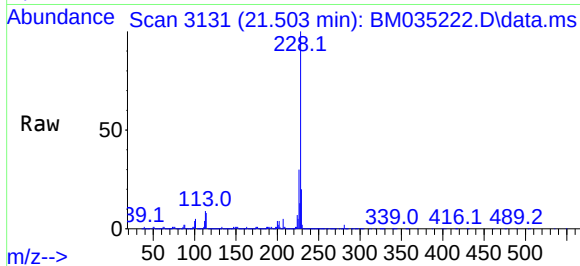
#83
Chrysene
Concen: 43.535 ng
RT: 21.503 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS

Tgt Ion:228 Resp: 154331
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 15.8 23.8

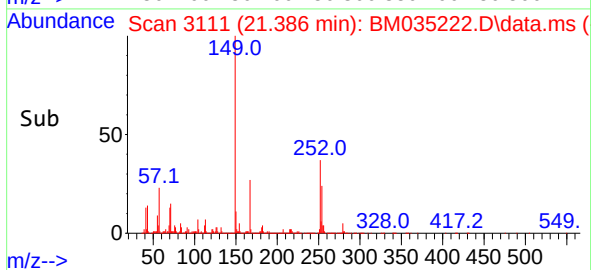
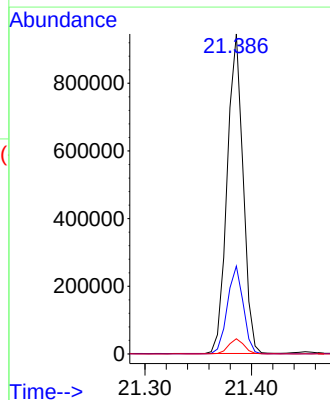
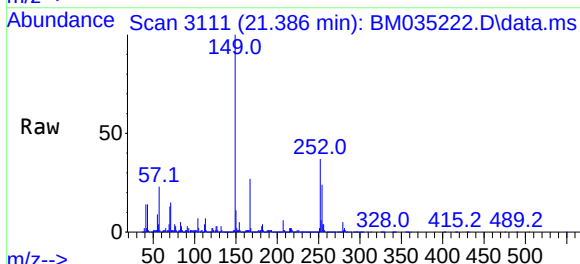
Manual Integrations
APPROVED

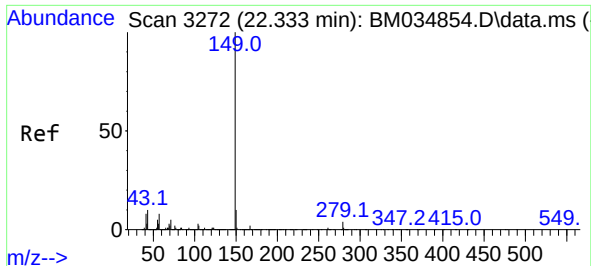
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.296 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

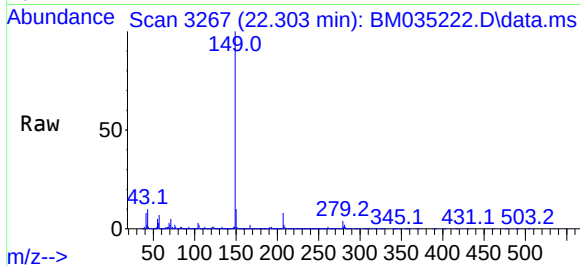
Tgt Ion:149 Resp: 975551
Ion Ratio Lower Upper
149 100
167 27.5 21.1 31.7
279 4.8 2.8 4.2#





#85
Di-n-octyl phthalate
Concen: 40.381 ng
RT: 22.303 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

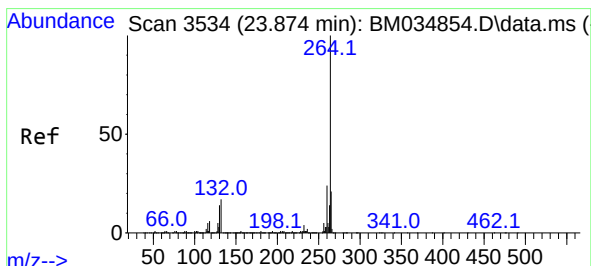
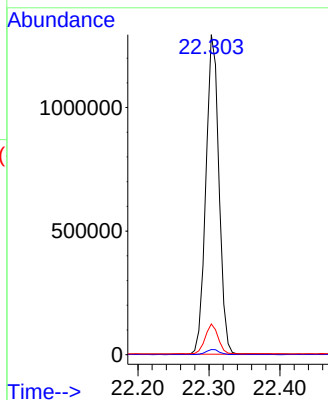
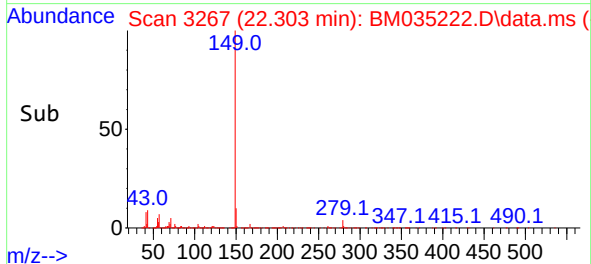
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



Tgt Ion:149 Resp: 165266
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 8.6 12.8

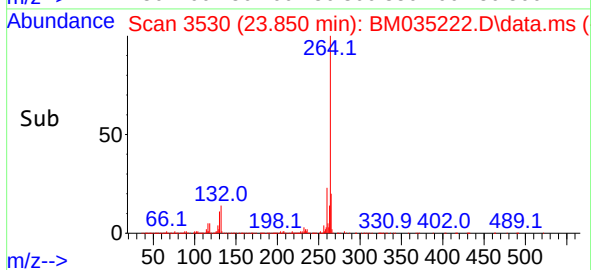
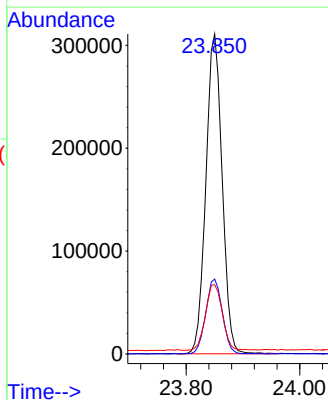
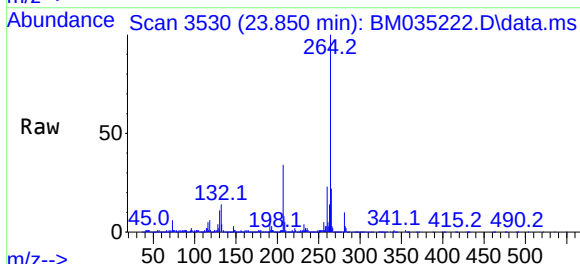
Manual Integrations
APPROVED

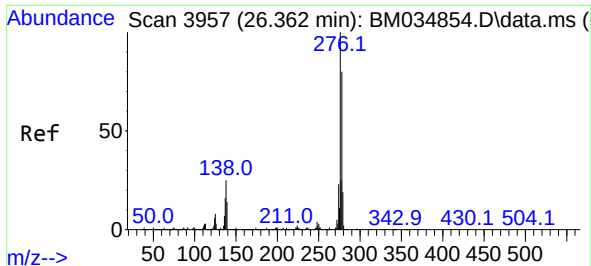
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.850 min Scan# 3530
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

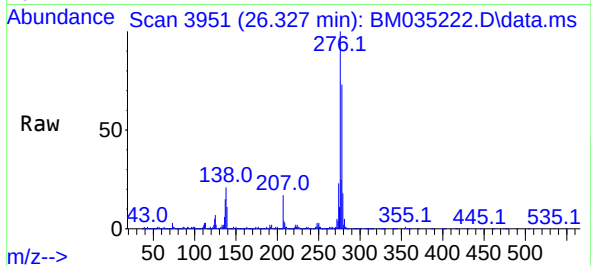
Tgt Ion:264 Resp: 615493
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.6 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.341 ng
RT: 26.327 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

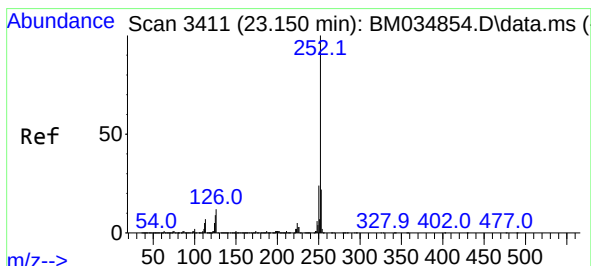
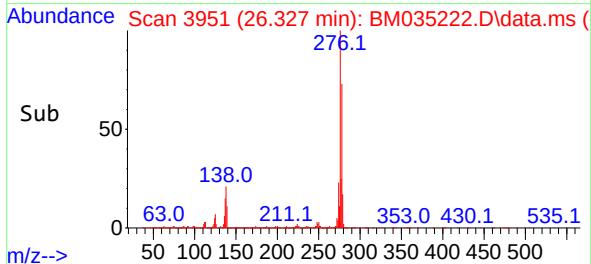
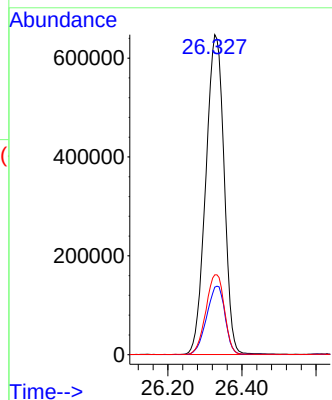
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



Tgt Ion:276 Resp: 2215338
Ion Ratio Lower Upper
276 100
138 21.6 20.2 30.4
277 25.2 20.2 30.2

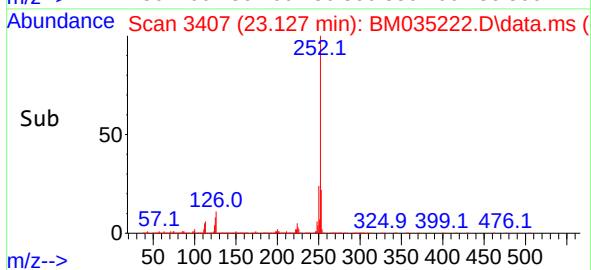
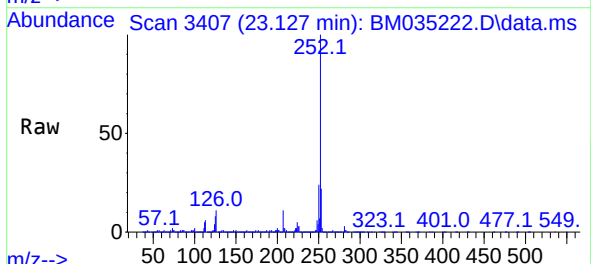
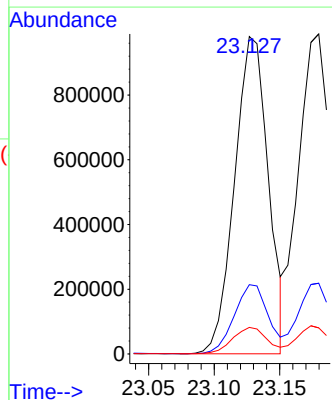
Manual Integrations
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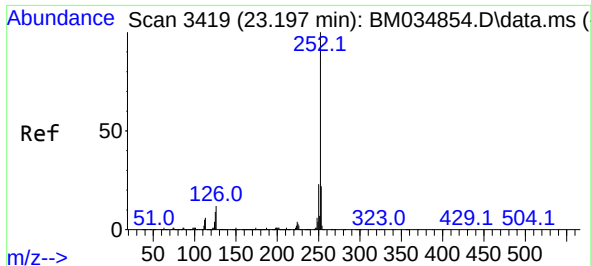
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#88
Benzo(b)fluoranthene
Concen: 45.233 ng
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Tgt Ion:252 Resp: 1751069
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.4 7.6 11.4





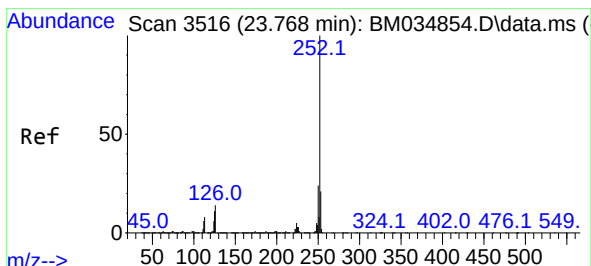
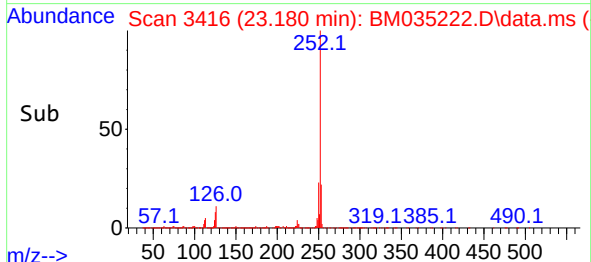
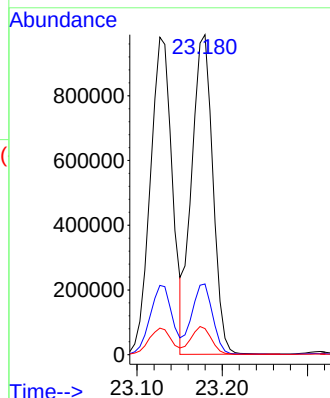
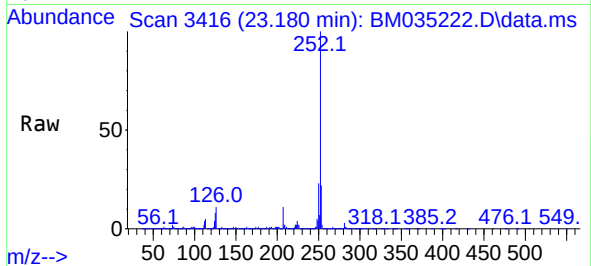
#89
Benzo(k)fluoranthene
Concen: 43.428 ng
RT: 23.180 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS

Tgt Ion:252 Resp: 1701859
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.2 7.6 11.4

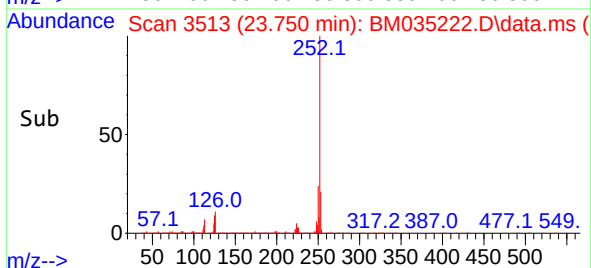
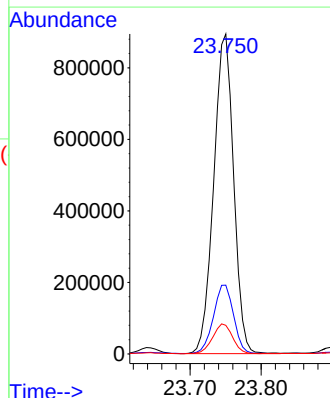
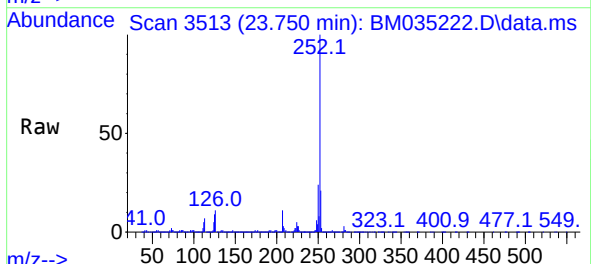
Manual Integrations
APPROVED

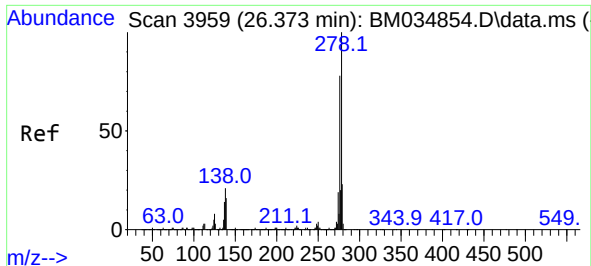
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#90
Benzo(a)pyrene
Concen: 53.935 ng
RT: 23.750 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

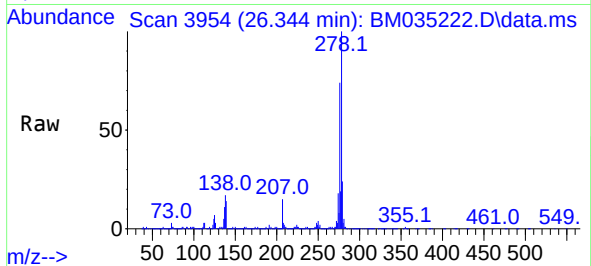
Tgt Ion:252 Resp: 1734622
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 49.013 ng
RT: 26.344 min Scan# 3954
Delta R.T. -0.006 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56

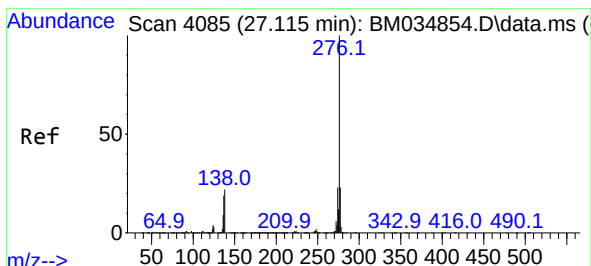
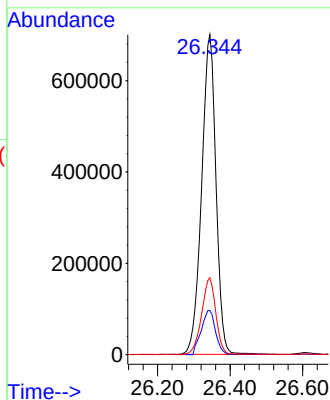
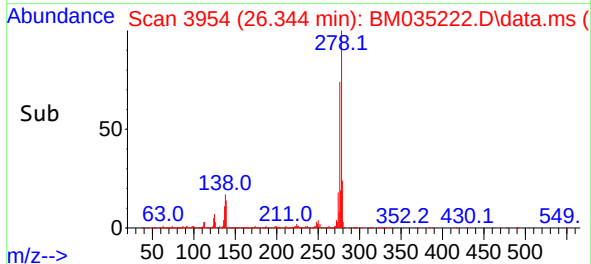
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MS



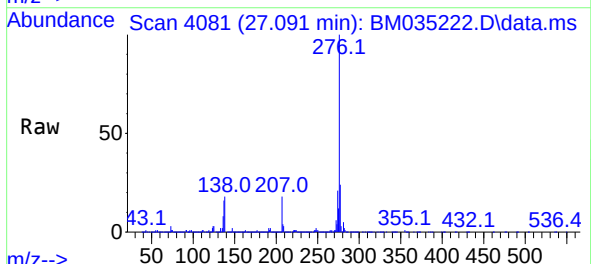
Tgt Ion:278 Resp: 1923910
Ion Ratio Lower Upper
278 100
139 13.8 12.9 19.3
279 24.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#92
Benzo(g,h,i)perylene
Concen: 52.026 ng
RT: 27.091 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM035222.D
Acq: 24 May 2022 16:56



Tgt Ion:276 Resp: 1962252
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 17.9 17.6 26.4

