

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061322\
 Data File : BM035459.D
 Acq On : 13 Jun 2022 16:11
 Operator : CG/JU
 Sample : N3331-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-220(26-28)MS

Quant Time: Jun 14 04:29:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 16:05:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	226483	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	934708	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	543563	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1095319	20.000	ng	# 0.00
76) Chrysene-d12	21.397	240	1132797	20.000	ng	0.00
86) Perylene-d12	23.738	264	1230415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	2002709	149.952	ng	0.00
7) Phenol-d6	7.004	99	2687282	145.197	ng	0.00
23) Nitrobenzene-d5	8.981	82	1578020	91.745	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	869983	150.331	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3453770	90.773	ng	0.00
79) Terphenyl-d14	19.833	244	5005356	84.366	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	243400	47.781	ng	95
3) Pyridine	3.704	79	666344	46.771	ng	95
4) n-Nitrosodimethylamine	3.616	42	388312	59.051	ng	84
6) Aniline	7.145	93	1149837	57.477	ng	100
8) 2-Chlorophenol	7.387	128	872703	56.923	ng	98
9) Benzaldehyde	6.963	77	431574	46.450	ng	97
10) Phenol	7.034	94	1068061	59.405	ng	93
11) bis(2-Chloroethyl)ether	7.245	93	777834	53.974	ng	100
12) 1,3-Dichlorobenzene	7.704	146	873530	53.411	ng	98
13) 1,4-Dichlorobenzene	7.851	146	890821	53.205	ng	100
14) 1,2-Dichlorobenzene	8.169	146	853567	52.232	ng	99
15) Benzyl Alcohol	8.069	79	707753m	57.083	ng	
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1236291	49.394	ng	97
17) 2-Methylphenol	8.281	107	713247	57.809	ng	95
18) Hexachloroethane	8.892	117	319181	53.154	ng	95
19) n-Nitroso-di-n-propyla...	8.633	70	610021	52.437	ng	96
20) 3+4-Methylphenols	8.610	107	972319	56.219	ng	96
22) Acetophenone	8.645	105	1227573	54.224	ng	# 99
24) Nitrobenzene	9.022	77	893943	56.763	ng	99
25) Isophorone	9.557	82	1627201	58.172	ng	97
26) 2-Nitrophenol	9.733	139	463535	57.512	ng	92
27) 2,4-Dimethylphenol	9.804	122	800748	67.799	ng	100
28) bis(2-Chloroethoxy)met...	10.033	93	1026232	52.728	ng	99
29) 2,4-Dichlorophenol	10.280	162	764168	58.061	ng	98
30) 1,2,4-Trichlorobenzene	10.480	180	760752	51.993	ng	99
31) Naphthalene	10.663	128	2514653	53.711	ng	100
32) Benzoic acid	9.998	122	632451	56.457	ng	97
33) 4-Chloroaniline	10.786	127	892686	46.863	ng	98
34) Hexachlorobutadiene	10.951	225	414464	50.334	ng	98
35) Caprolactam	11.598	113	268179m	60.114	ng	
36) 4-Chloro-3-methylphenol	11.927	107	844931	56.626	ng	99
37) 2-Methylnaphthalene	12.280	142	1722484	53.424	ng	98
38) 1-Methylnaphthalene	12.498	142	1658921	52.643	ng	100
40) 1,2,4,5-Tetrachloroben...	12.657	216	799315	52.176	ng	99
41) Hexachlorocyclopentadiene	12.633	237	705686	113.694	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	581067	55.296	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 16:05:33 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	640322	56.484	ng	97
46) 1,1'-Biphenyl	13.298	154	2231618	52.715	ng	98
47) 2-Chloronaphthalene	13.339	162	1699087	53.367	ng	98
48) 2-Nitroaniline	13.551	65	572145	59.365	ng	98
49) Acenaphthylene	14.180	152	2892513	58.000	ng	99
50) Dimethylphthalate	13.927	163	2127086	53.178	ng	99
51) 2,6-Dinitrotoluene	14.045	165	489553	58.466	ng	94
52) Acenaphthene	14.527	154	1628626	56.064	ng	99
53) 3-Nitroaniline	14.380	138	438952	48.848	ng	97
54) 2,4-Dinitrophenol	14.598	184	555357	103.174	ng	90
55) Dibenzofuran	14.863	168	2554469	54.886	ng	97
56) 4-Nitrophenol	14.710	139	908794	124.741	ng	89
57) 2,4-Dinitrotoluene	14.839	165	667586	62.783	ng	98
58) Fluorene	15.510	166	2066856	56.846	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	519746	57.651	ng	98
60) Diethylphthalate	15.292	149	2178790	55.659	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	954698	54.263	ng	99
62) 4-Nitroaniline	15.545	138	552143	63.488	ng	89
63) Azobenzene	15.798	77	2035357	54.895	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	359560	52.138	ng	94
66) n-Nitrosodiphenylamine	15.721	169	1819269	55.776	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	595946	52.731	ng	98
68) Hexachlorobenzene	16.521	284	667140	53.993	ng	94
69) Atrazine	16.680	200	624281	63.048	ng	99
70) Pentachlorophenol	16.868	266	863685	132.750	ng	99
71) Phenanthrene	17.251	178	3183791	54.769	ng	99
72) Anthracene	17.345	178	3257133	57.425	ng	100
73) Carbazole	17.615	167	3129798	56.909	ng	99
74) Di-n-butylphthalate	18.180	149	3835268	58.305	ng	99
75) Fluoranthene	19.268	202	3732193	61.827	ng	97
77) Benzidine	19.456	184	2459663	118.117	ng	99
78) Pyrene	19.633	202	3865870	48.621	ng	100
80) Butylbenzylphthalate	20.533	149	1825982	51.844	ng	97
81) Benzo(a)anthracene	21.380	228	3887922	55.092	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	1225917	75.456	ng	99
83) Chrysene	21.433	228	3628405	53.229	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	2706949	53.588	ng	100
85) Di-n-octyl phthalate	22.215	149	4834485	58.907	ng	99
87) Indeno(1,2,3-cd)pyrene	26.174	276	4476622	52.666	ng #	94
88) Benzo(b)fluoranthene	23.027	252	4032636	55.642	ng #	96
89) Benzo(k)fluoranthene	23.074	252	3998362	54.495	ng #	97
90) Benzo(a)pyrene	23.638	252	3930463	64.280	ng #	97
91) Dibenzo(a,h)anthracene	26.179	278	3893463	55.369	ng	97
92) Benzo(g,h,i)perylene	26.909	276	3930313	56.191	ng #	95

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

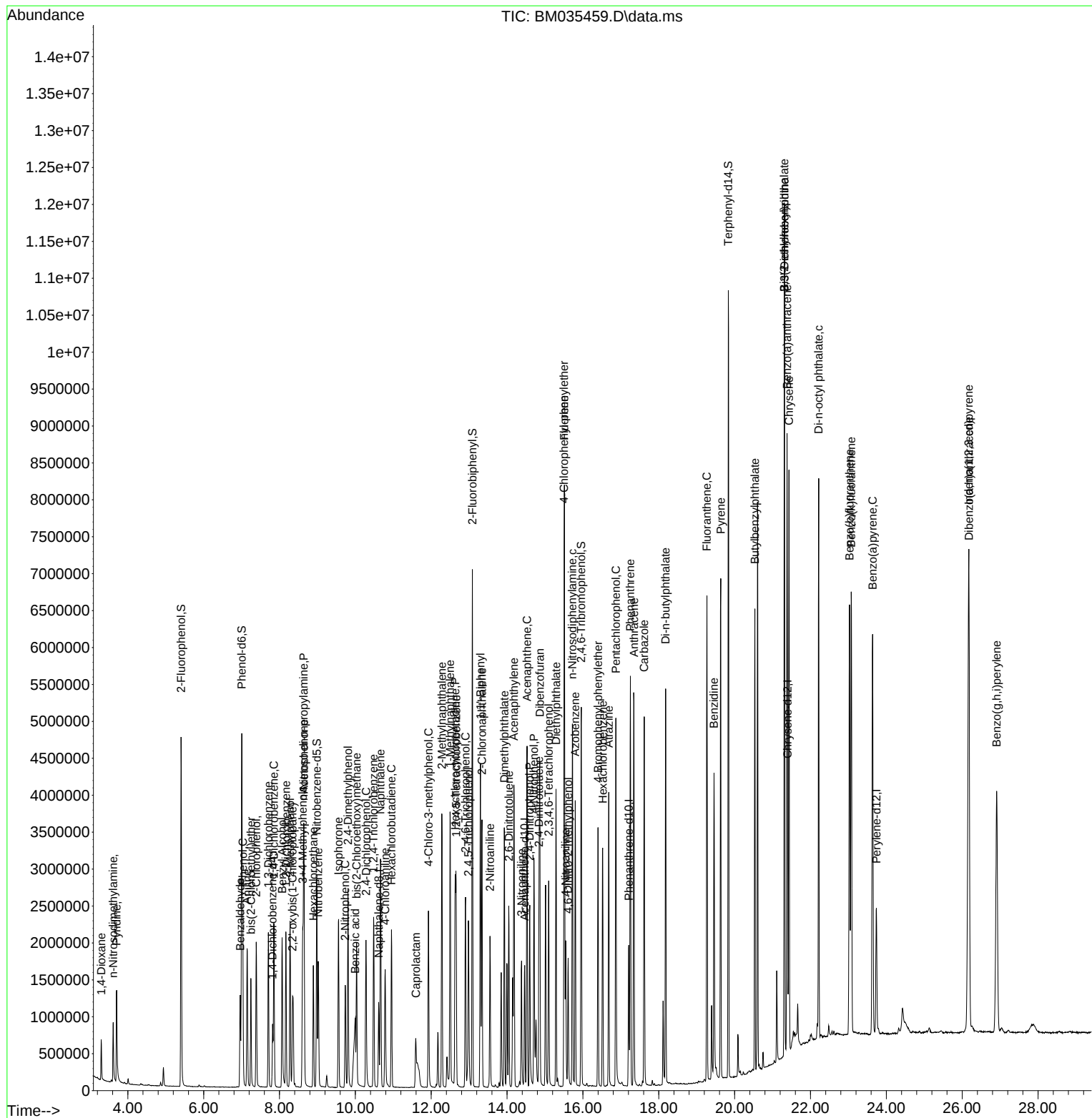
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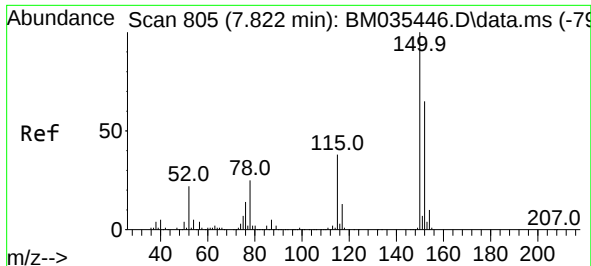
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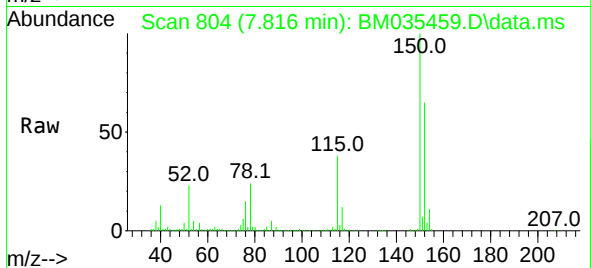
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

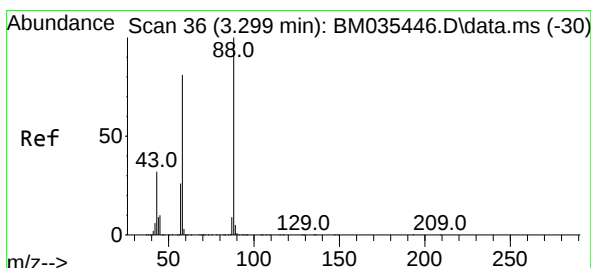
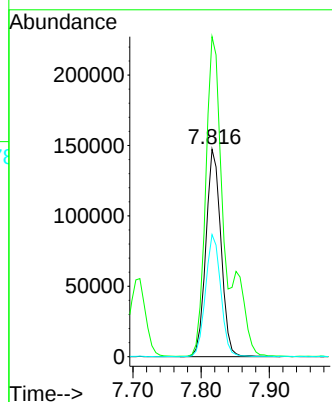
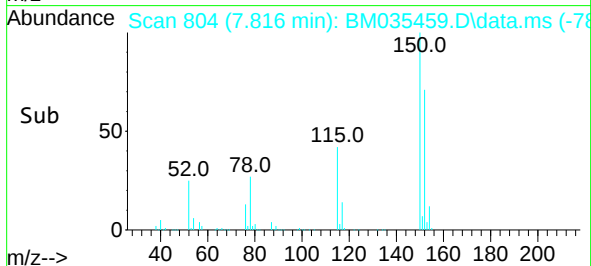
Instrument :
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Tgt Ion:152 Resp: 22648
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 58.9 47.9 71.9

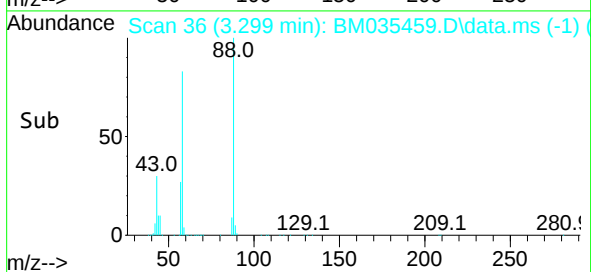
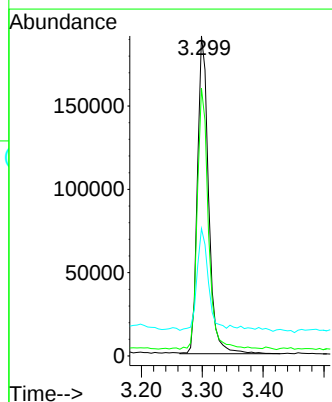
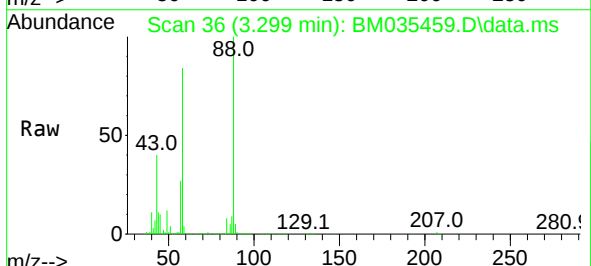
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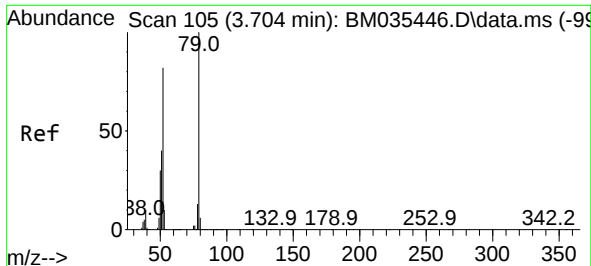
Reviewed By :Christian Giraldo 06/14/2022
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#2
1,4-Dioxane
Concen: 47.781 ng
RT: 3.299 min Scan# 36
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

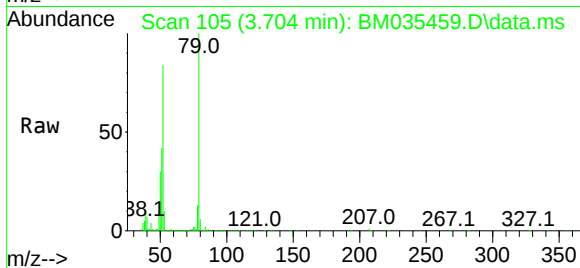
Tgt Ion: 88 Resp: 243400
Ion Ratio Lower Upper
88 100
58 81.6 62.3 93.5
43 31.9 28.7 43.1





#3
Pyridine
Concen: 46.771 ng
RT: 3.704 min Scan# 105
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

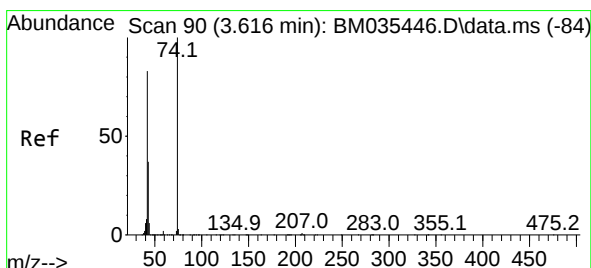
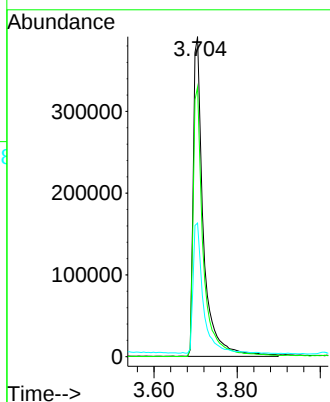
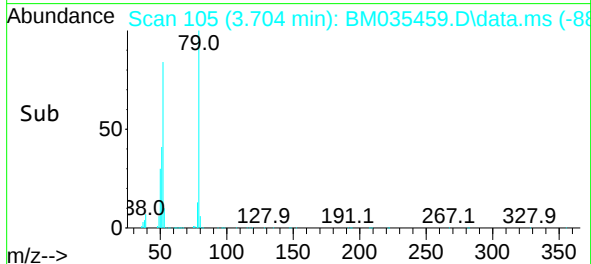
Instrument :
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ClientSampleId :
B-220(26-28)MS



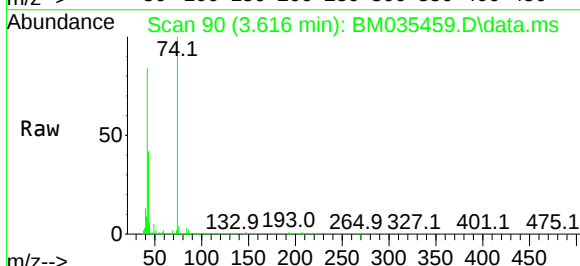
Tgt Ion: 79 Resp: 666344
Ion Ratio Lower Upper
79 100
52 84.3 61.9 92.9
51 41.8 33.5 50.3

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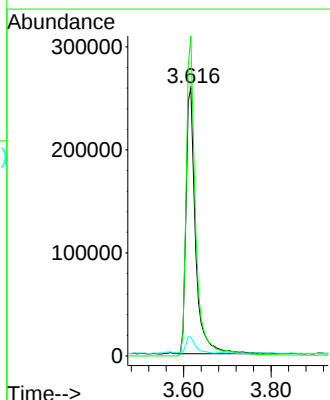
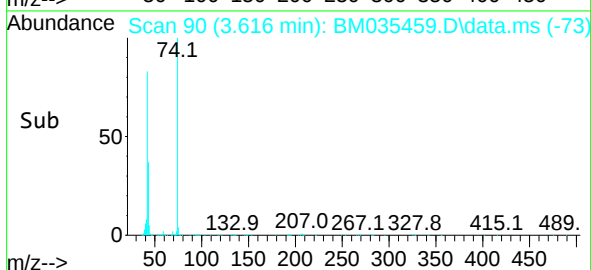
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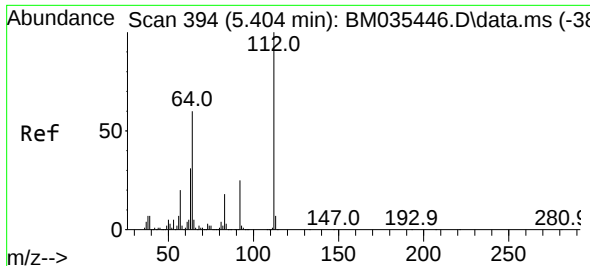


#4
n-Nitrosodimethylamine
Concen: 59.051 ng
RT: 3.616 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



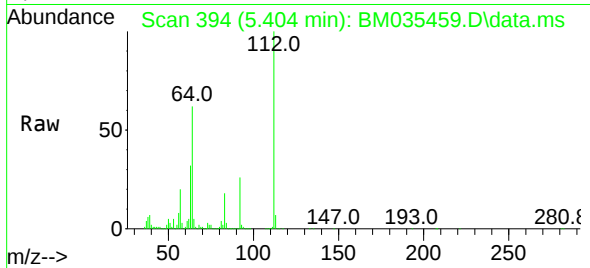
Tgt Ion: 42 Resp: 388312
Ion Ratio Lower Upper
42 100
74 119.3 81.6 122.4
44 7.0 5.2 7.8





#5
2-Fluorophenol
Concen: 149.952 ng
RT: 5.404 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

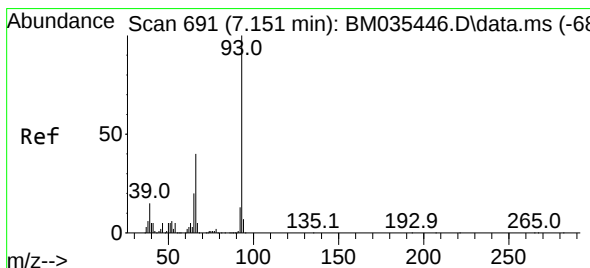
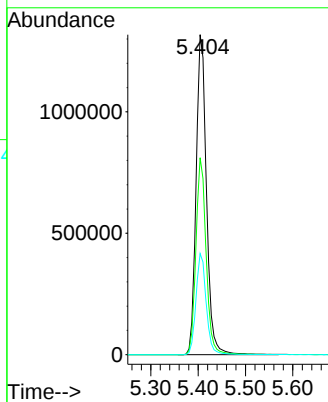
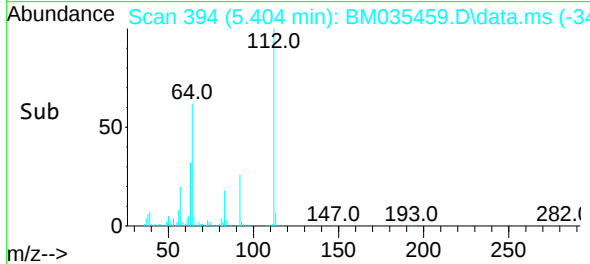
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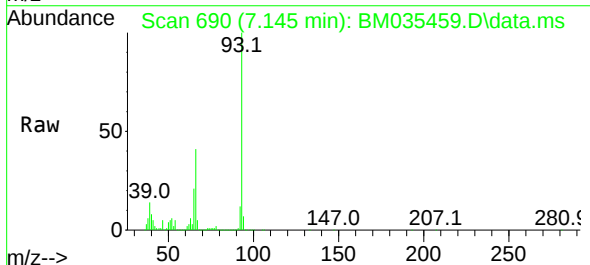
Tgt Ion:112 Resp: 2002709
Ion Ratio Lower Upper
112 100
64 61.6 47.8 71.6
63 31.6 26.6 40.0

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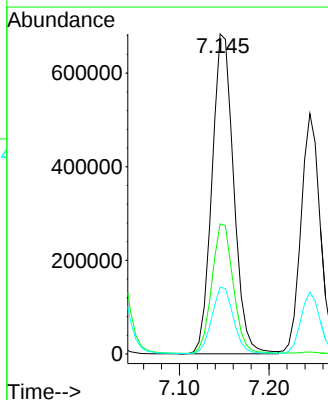
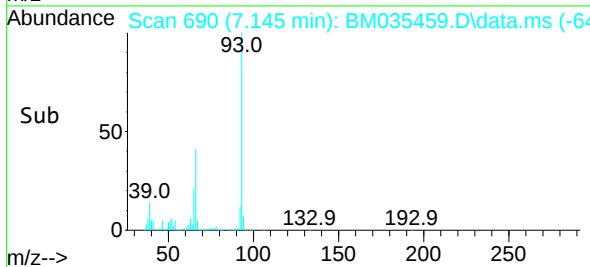
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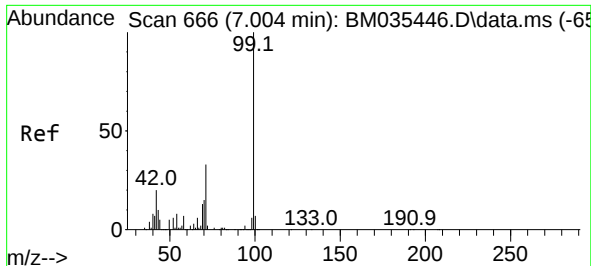


#6
Aniline
Concen: 57.477 ng
RT: 7.145 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



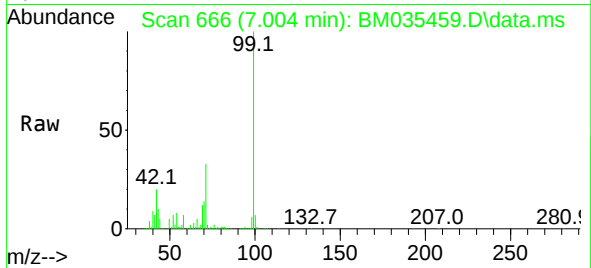
Tgt Ion: 93 Resp: 1149837
Ion Ratio Lower Upper
93 100
66 40.7 32.6 49.0
65 20.9 16.8 25.2





#7
Phenol-d6
Concen: 145.197 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

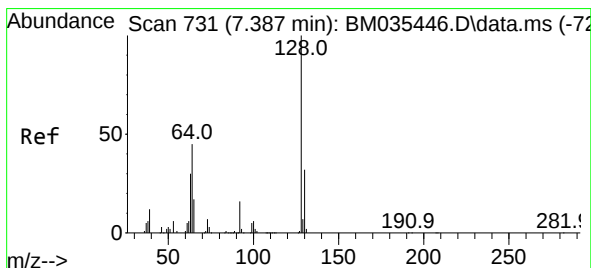
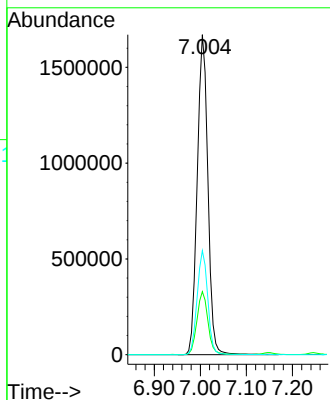
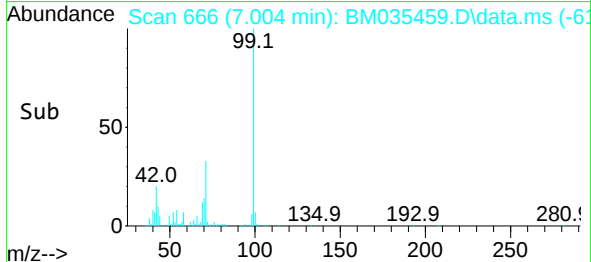
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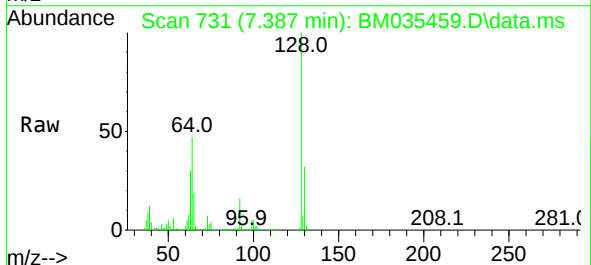
Tgt Ion: 99 Resp: 268728
Ion Ratio Lower Upper
99 100
42 19.7 18.8 28.2
71 32.5 30.2 45.2

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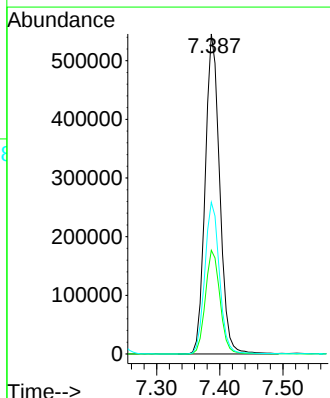
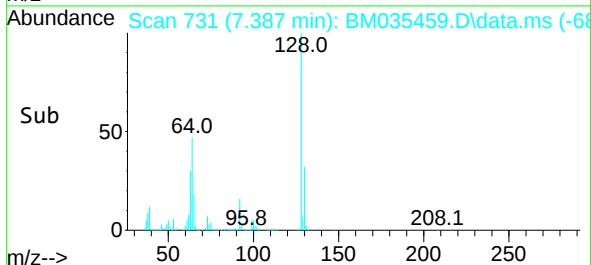
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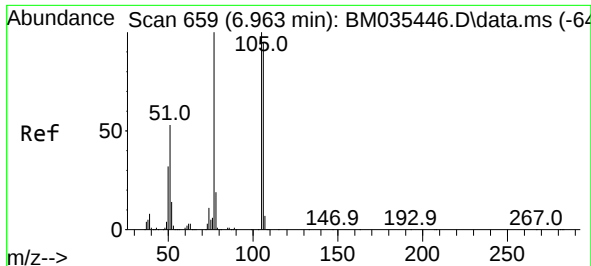


#8
2-Chlorophenol
Concen: 56.923 ng
RT: 7.387 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



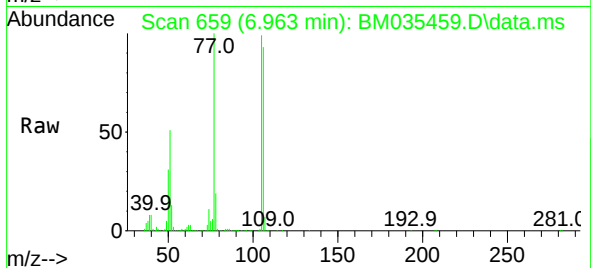
Tgt Ion:128 Resp: 872703
Ion Ratio Lower Upper
128 100
130 32.4 10.9 50.9
64 47.4 28.2 68.2





#9
Benzaldehyde
Concen: 46.450 ng
RT: 6.963 min Scan# 610
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

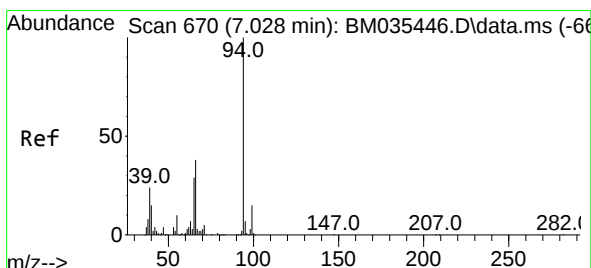
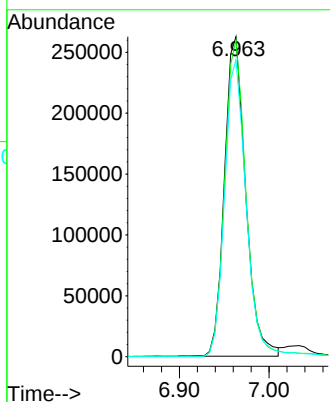
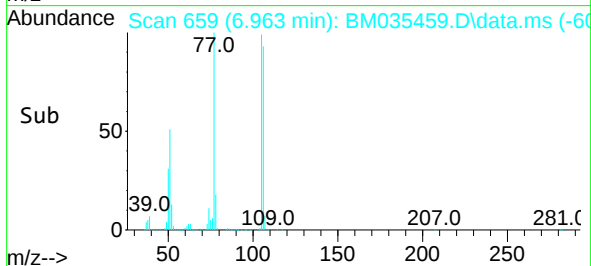
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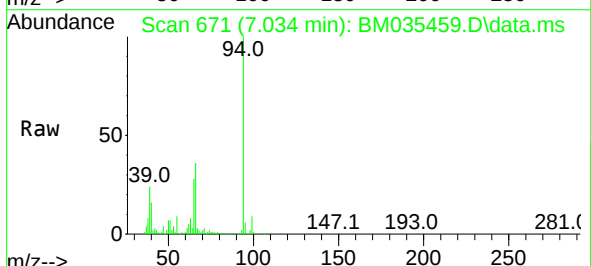
Tgt Ion: 77 Resp: 431574
Ion Ratio Lower Upper
77 100
105 99.0 76.3 116.3
106 92.8 69.0 109.0

Manual Integrations
APPROVED

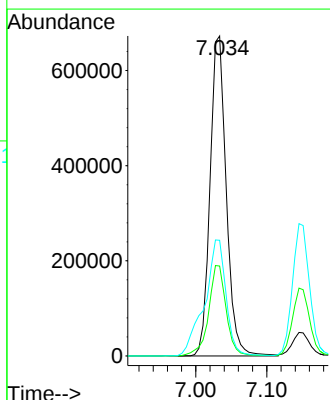
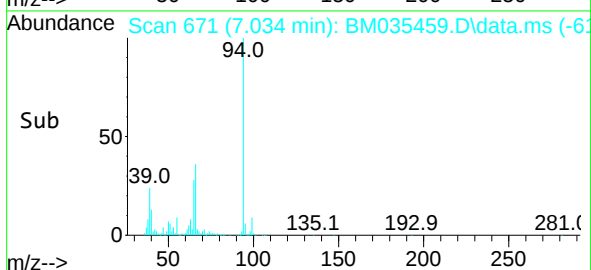
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

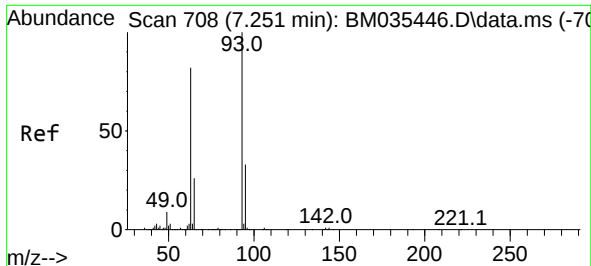


#10
Phenol
Concen: 59.405 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



Tgt Ion: 94 Resp: 1068061
Ion Ratio Lower Upper
94 100
65 28.1 11.4 51.4
66 36.2 21.4 61.4





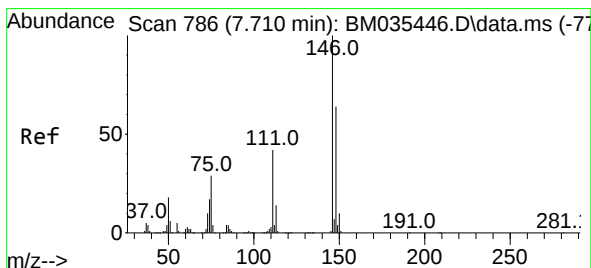
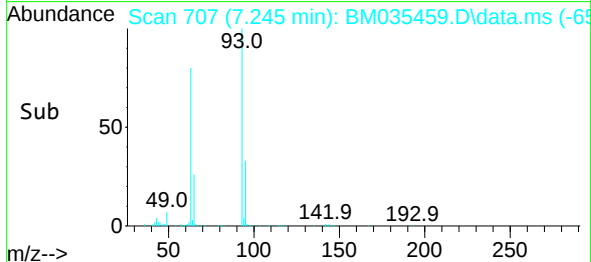
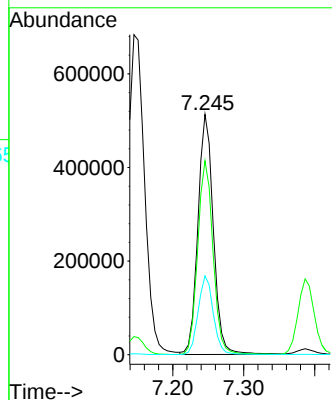
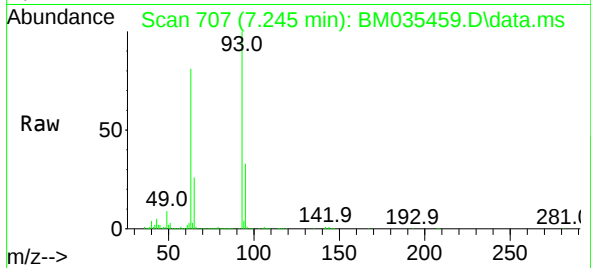
#11
bis(2-Chloroethyl)ether
Concen: 53.974 ng
RT: 7.245 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS

Tgt Ion: 93 Resp: 777834
Ion Ratio Lower Upper
93 100
63 80.7 60.6 100.6
95 32.8 13.2 53.2

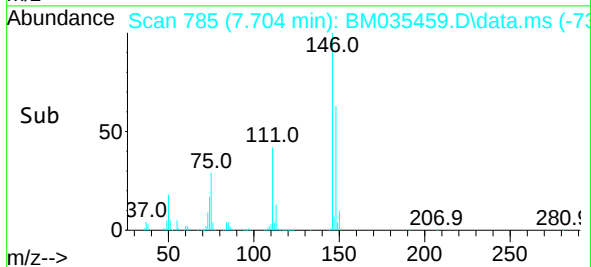
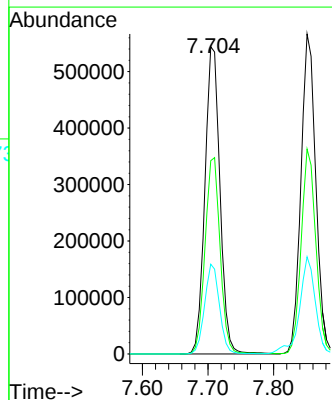
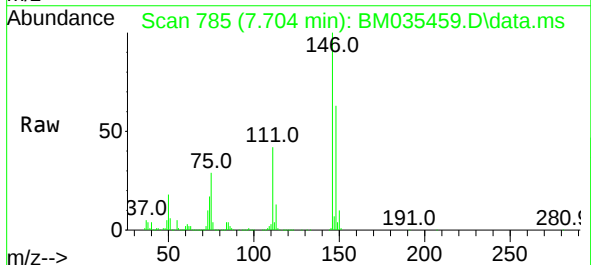
Manual Integrations
APPROVED

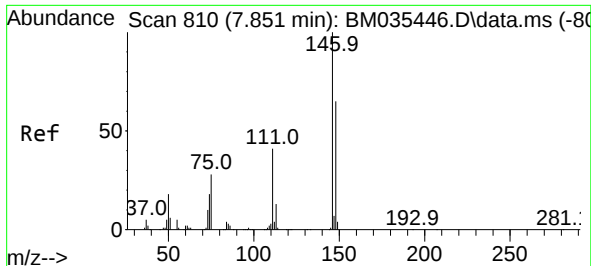
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#12
1,3-Dichlorobenzene
Concen: 53.411 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

Tgt Ion:146 Resp: 873530
Ion Ratio Lower Upper
146 100
148 62.9 50.7 76.1
75 29.2 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 53.205 ng

RT: 7.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_M

ClientSampleId :

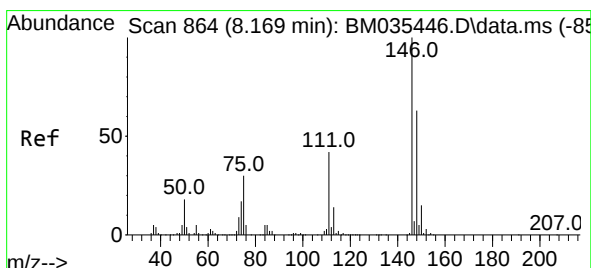
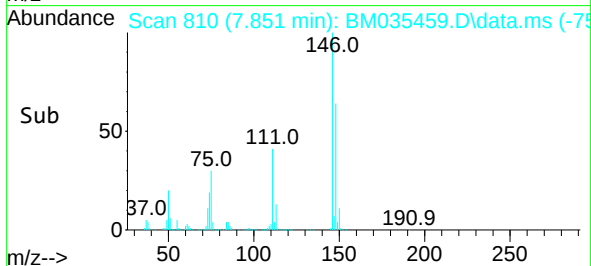
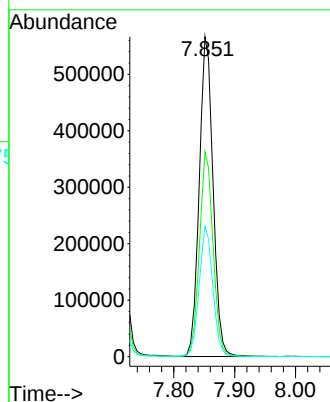
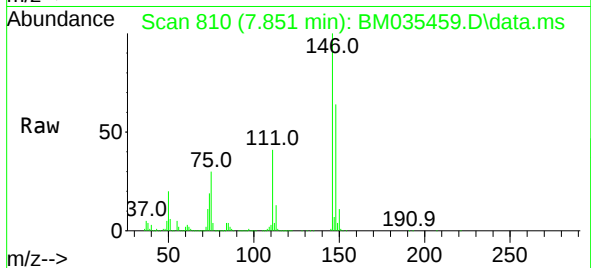
B-220(26-28)MS

Tgt Ion:	146	Resp:	89082
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.5	77.3
111	40.8	32.5	48.7

Manual Integrations

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Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#14

1,2-Dichlorobenzene

Concen: 52.232 ng

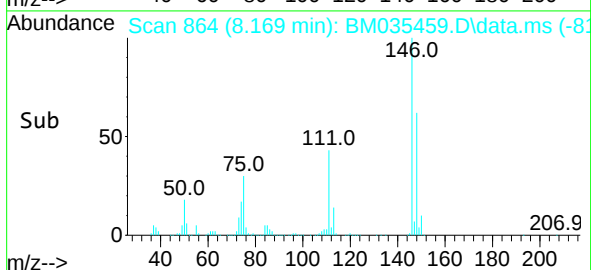
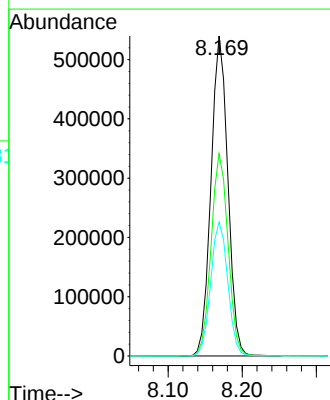
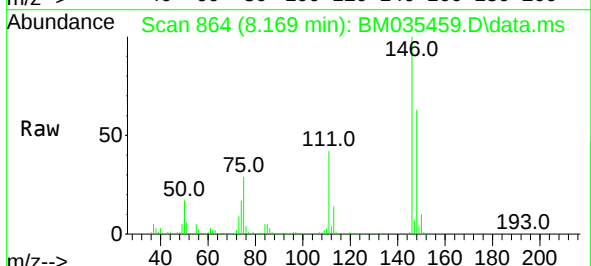
RT: 8.169 min Scan# 864

Delta R.T. -0.000 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

Tgt Ion:	146	Resp:	853567
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.7	76.1
111	41.8	33.9	50.9





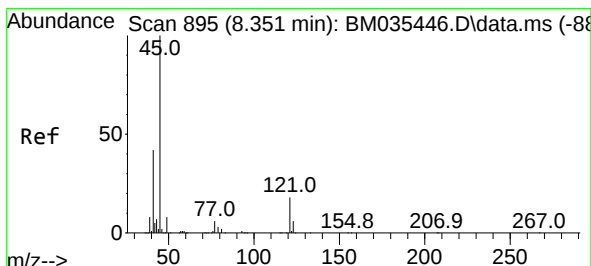
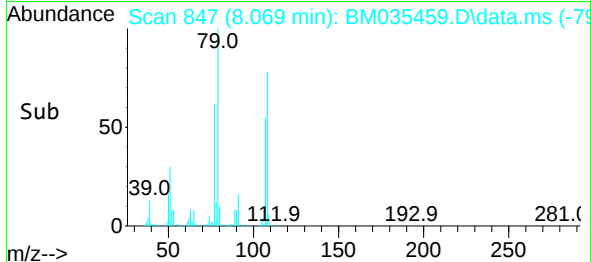
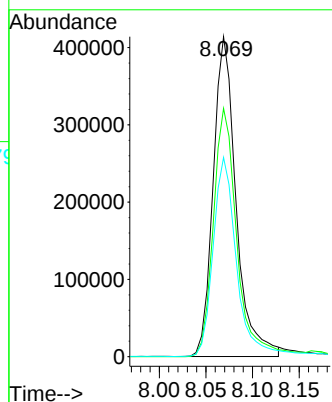
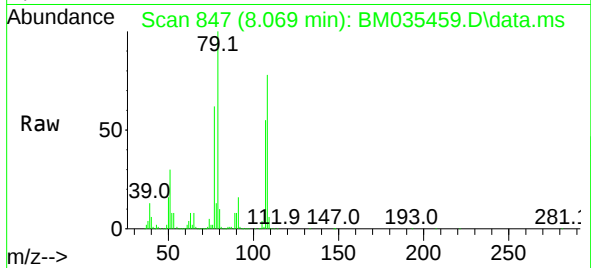
#15
Benzyl Alcohol
Concen: 57.083 ng m
RT: 8.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS

Tgt Ion: 79 Resp: 70775
Ion Ratio Lower Upper
79 100
108 77.6 59.0 88.4
77 62.2 52.2 78.4

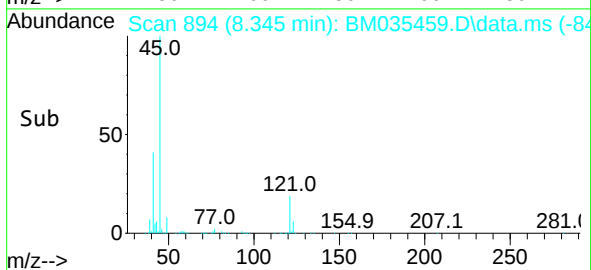
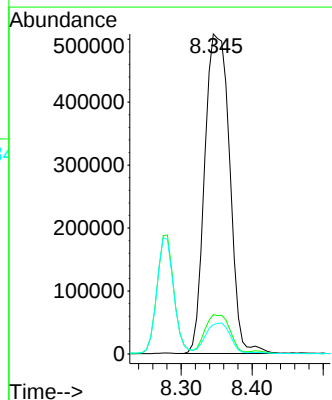
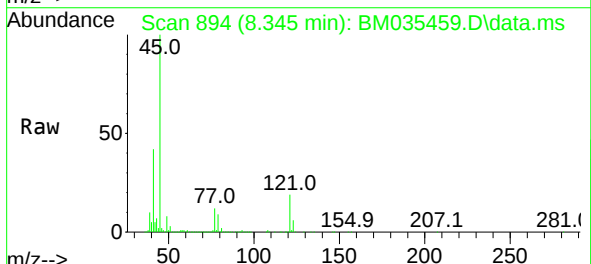
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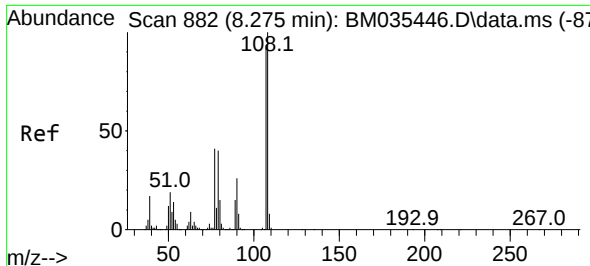
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.394 ng
RT: 8.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

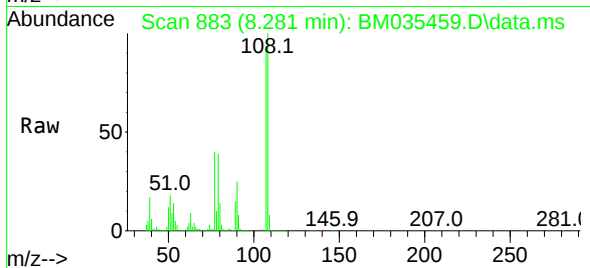
Tgt Ion: 45 Resp: 1236291
Ion Ratio Lower Upper
45 100
77 12.3 0.0 33.1
79 9.1 0.0 30.5





#17
2-Methylphenol
Concen: 57.809 ng
RT: 8.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

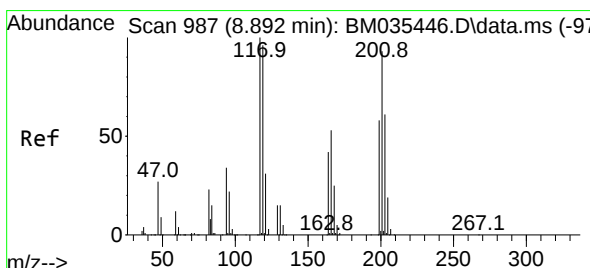
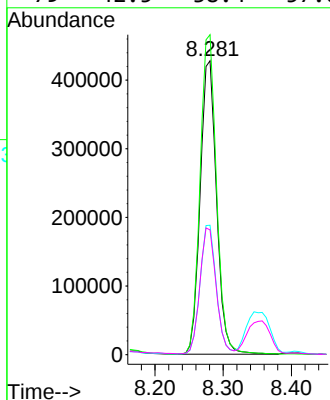
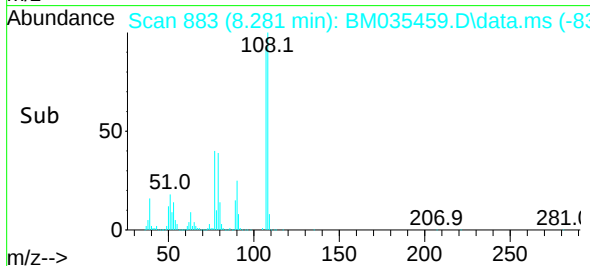
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:107 Resp: 71324
Ion Ratio Lower Upper
107 100
108 108.8 88.7 133.1
77 44.1 40.6 60.8
79 42.5 38.4 57.6

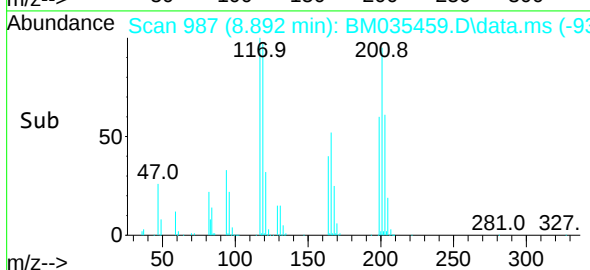
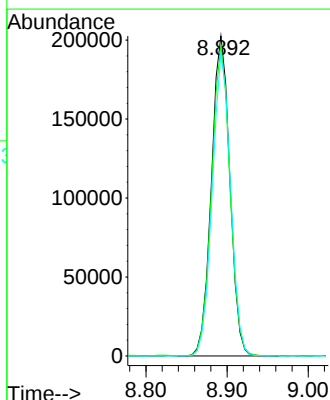
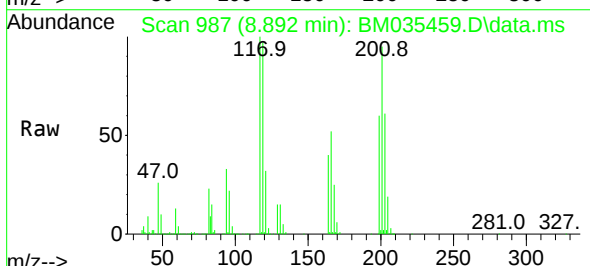
Manual Integrations
APPROVED

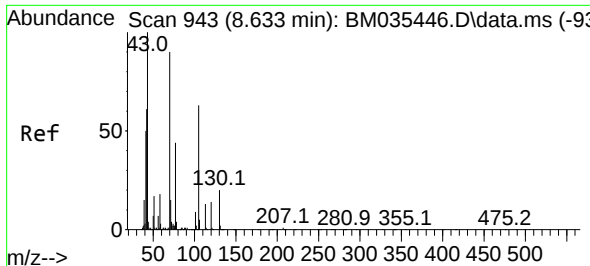
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#18
Hexachloroethane
Concen: 53.154 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

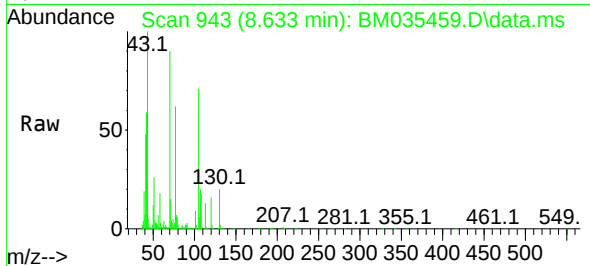
Tgt Ion:117 Resp: 319181
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.6
201 94.5 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 52.437 ng
RT: 8.633 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

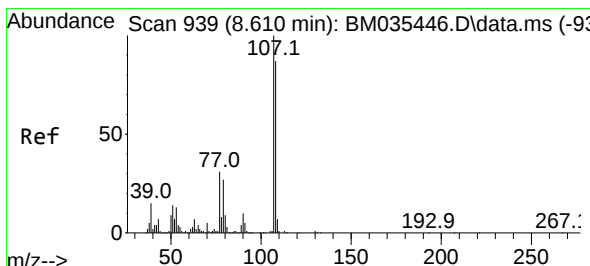
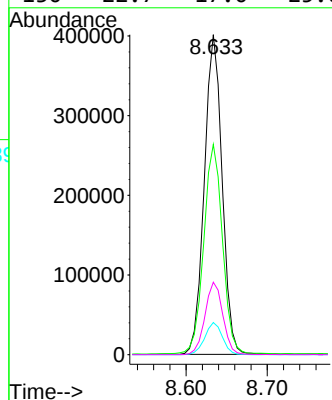
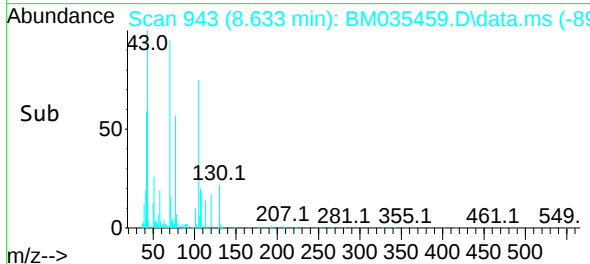
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



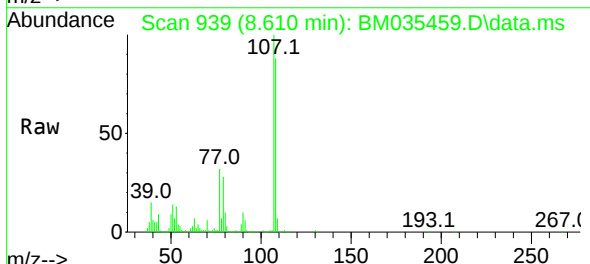
Tgt Ion: 70 Resp: 61002
Ion Ratio Lower Upper
70 100
42 65.7 55.4 83.2
101 10.1 7.8 11.6
130 22.7 17.0 25.6

Manual Integrations
APPROVED

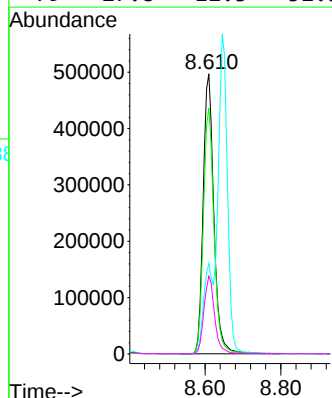
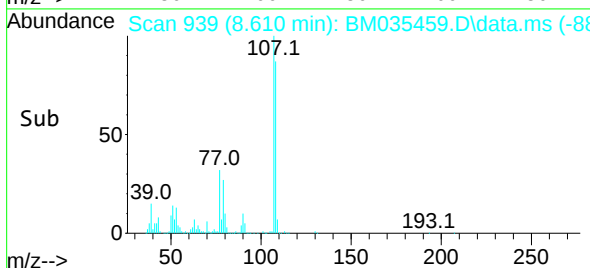
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

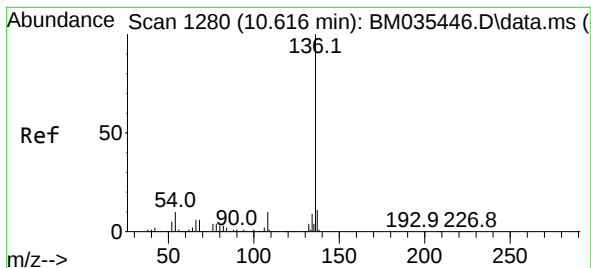


#20
3+4-Methylphenols
Concen: 56.219 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



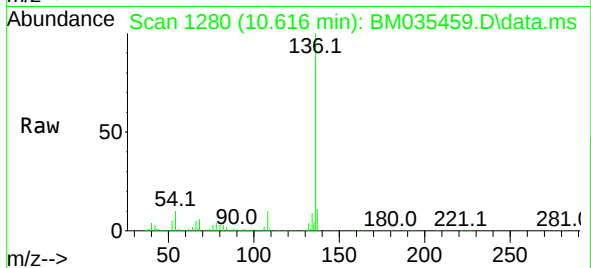
Tgt Ion:107 Resp: 972319
Ion Ratio Lower Upper
107 100
108 87.8 69.3 109.3
77 32.2 15.8 55.8
79 27.8 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

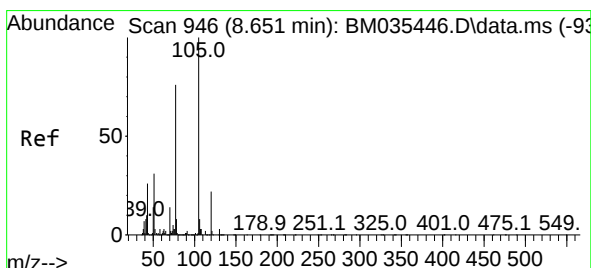
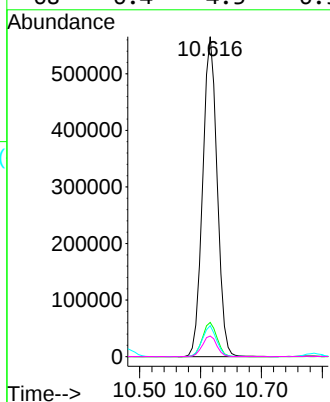
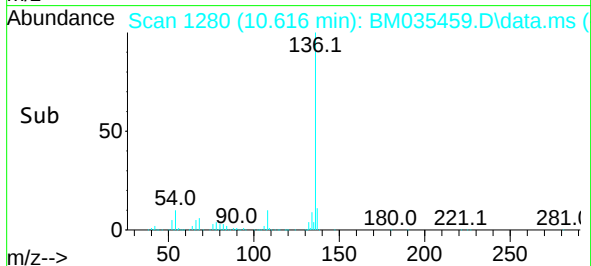
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



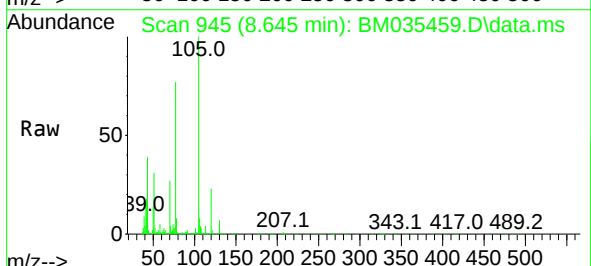
Tgt Ion:136 Resp: 934708
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.7 7.0 10.4
68 6.4 4.3 6.5

Manual Integrations
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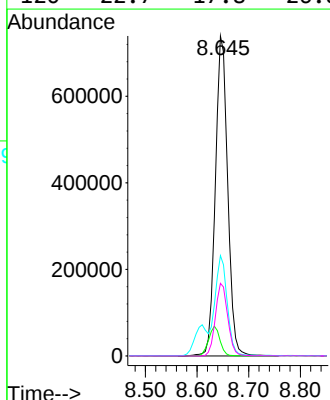
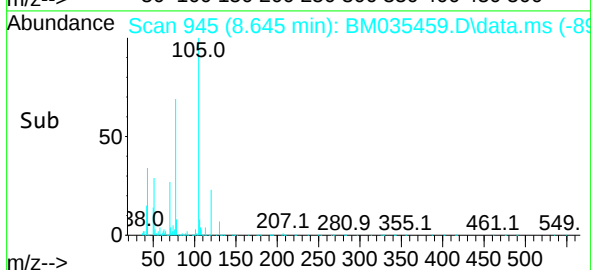
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

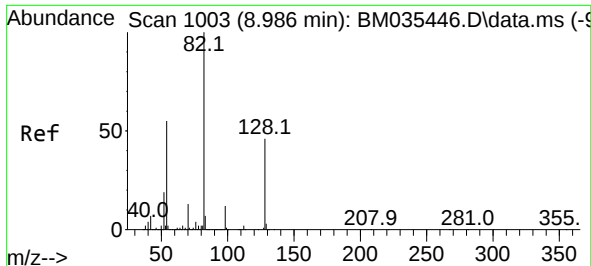


#22
Acetophenone
Concen: 54.224 ng
RT: 8.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



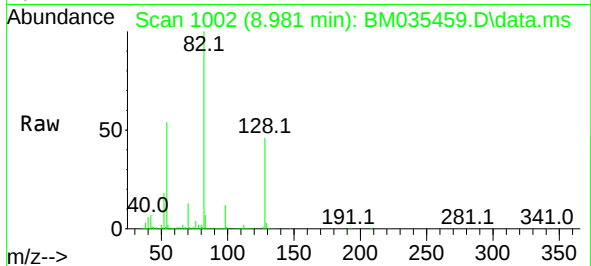
Tgt Ion:105 Resp: 1227573
Ion Ratio Lower Upper
105 100
71 4.4 5.0 7.4#
51 31.3 25.6 38.4
120 22.7 17.8 26.8





#23
Nitrobenzene-d5
Concen: 91.745 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

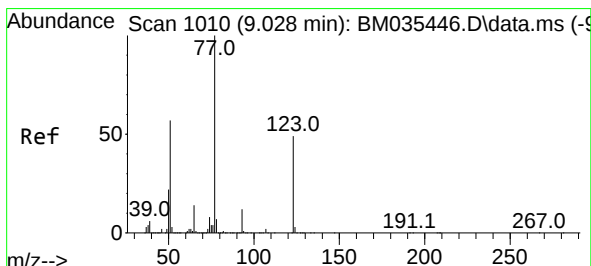
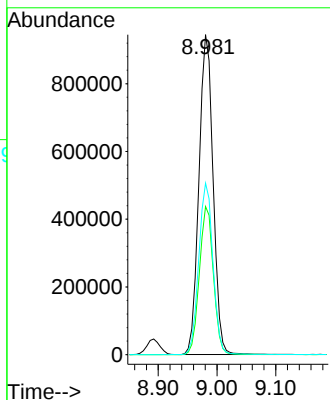
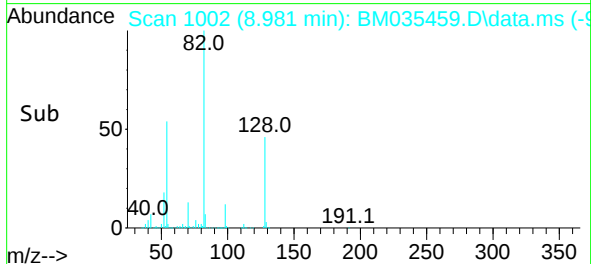
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



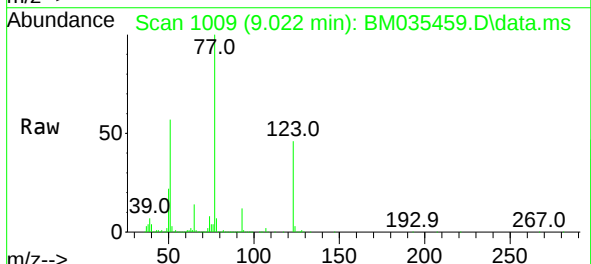
Tgt Ion: 82 Resp: 1578020
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 53.6 43.2 64.8

Manual Integrations
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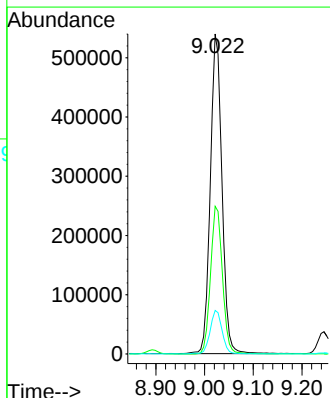
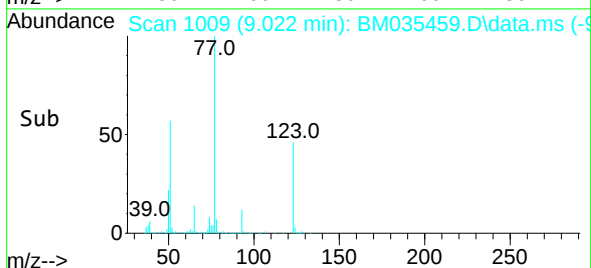
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

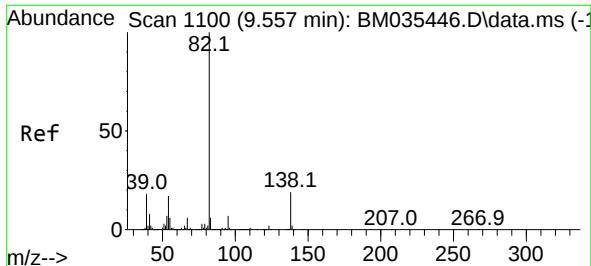


#24
Nitrobenzene
Concen: 56.763 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



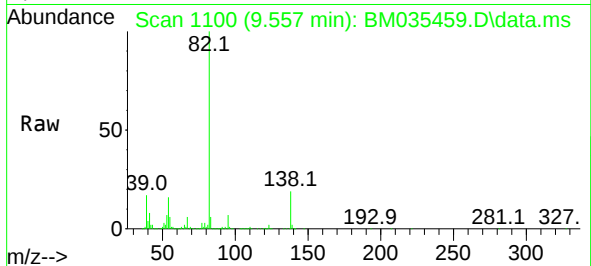
Tgt Ion: 77 Resp: 893943
Ion Ratio Lower Upper
77 100
123 46.2 36.2 54.4
65 13.6 11.4 17.0





#25
Isophorone
Concen: 58.172 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

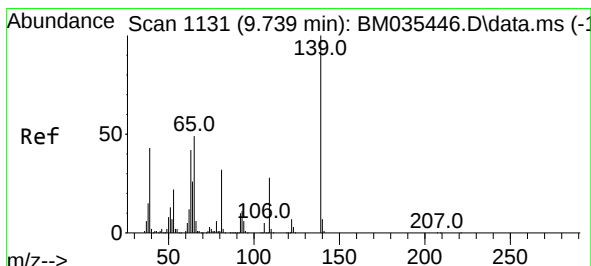
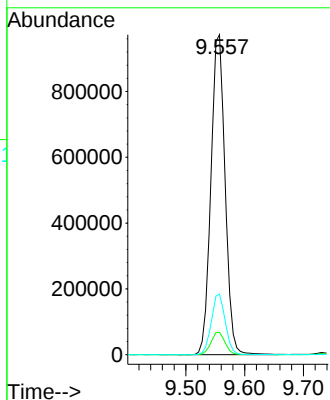
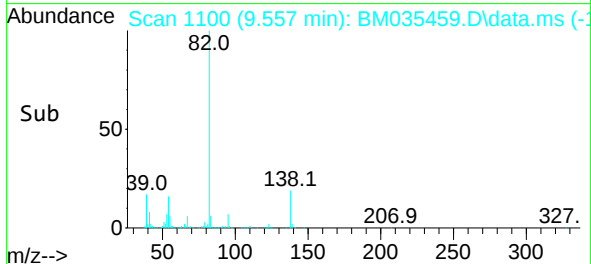
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion: 82 Resp: 162720
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 18.9 14.2 21.4

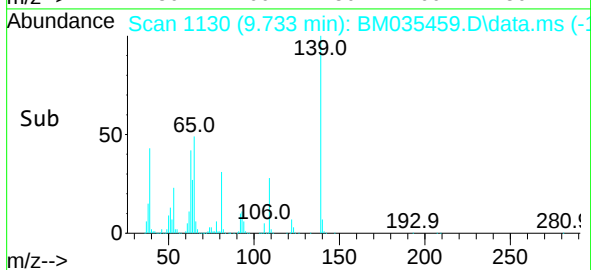
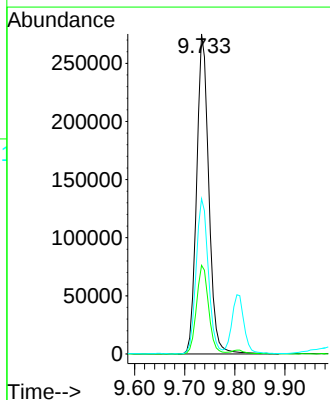
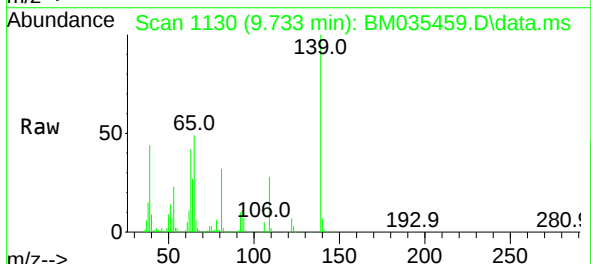
Manual Integrations
APPROVED

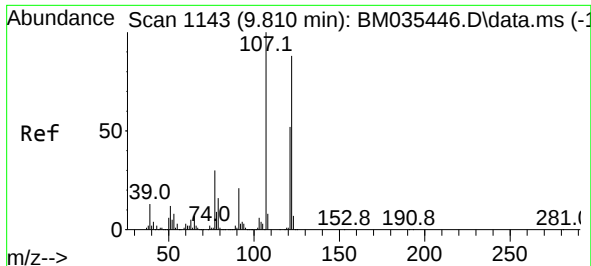
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#26
2-Nitrophenol
Concen: 57.512 ng
RT: 9.733 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

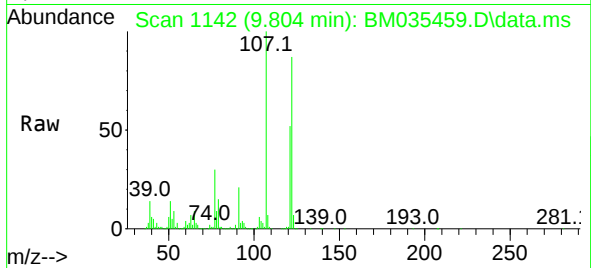
Tgt Ion:139 Resp: 463535
Ion Ratio Lower Upper
139 100
109 27.7 25.6 38.4
65 48.5 43.2 64.8





#27
2,4-Dimethylphenol
Concen: 67.799 ng
RT: 9.804 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

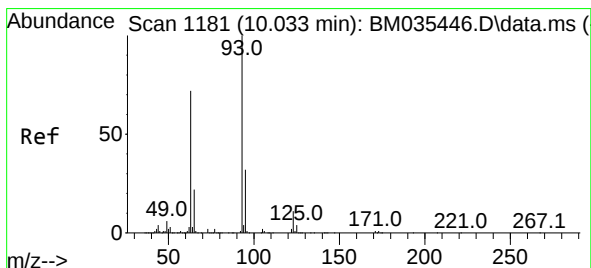
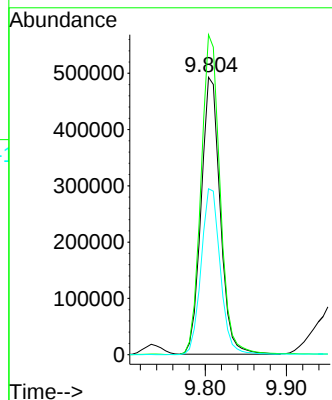
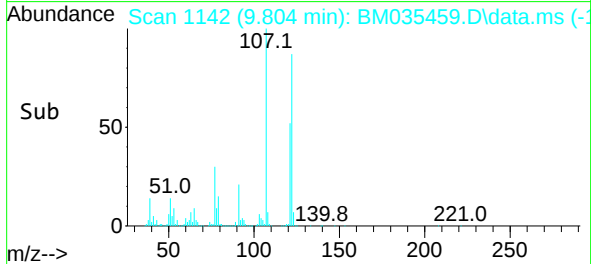
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:122 Resp: 800748
Ion Ratio Lower Upper
122 100
107 115.3 92.4 138.6
121 59.8 47.4 71.0

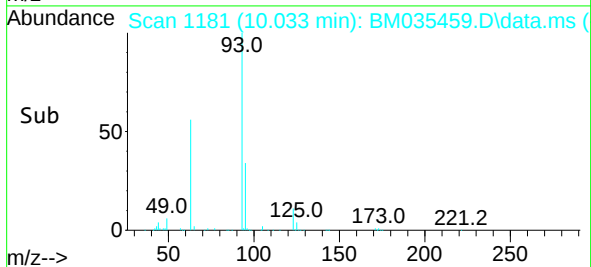
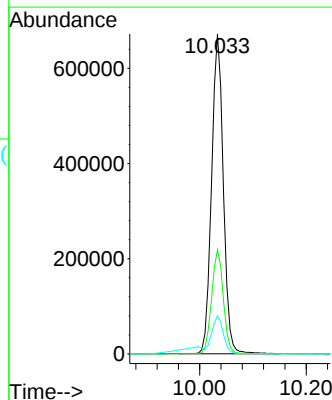
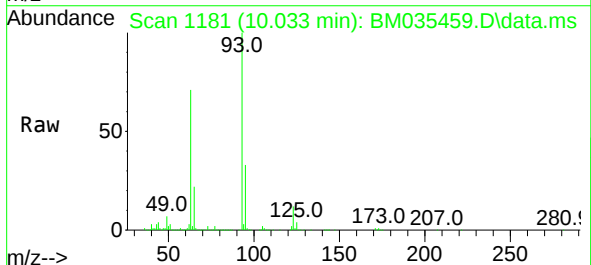
Manual Integrations
APPROVED

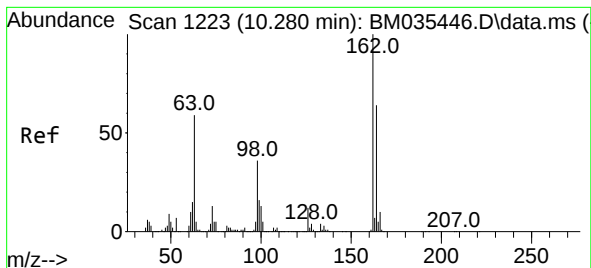
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 52.728 ng
RT: 10.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

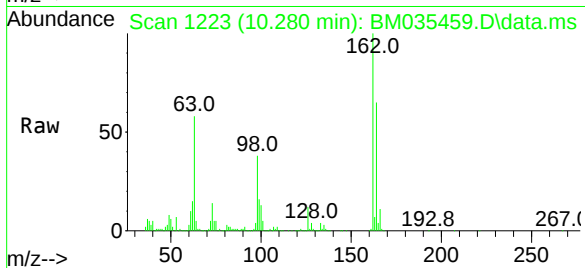
Tgt Ion: 93 Resp: 1026232
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.9 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 58.061 ng
RT: 10.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

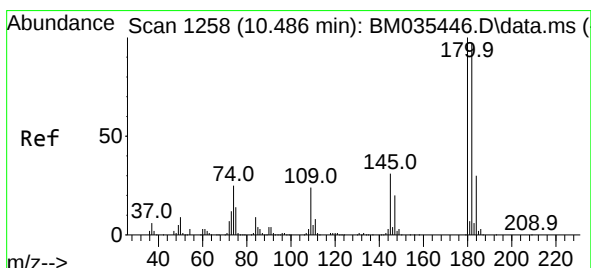
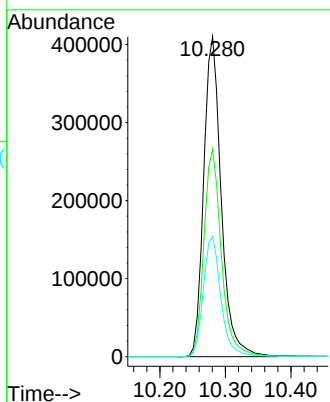
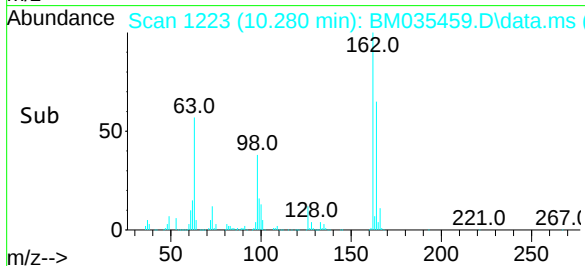
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



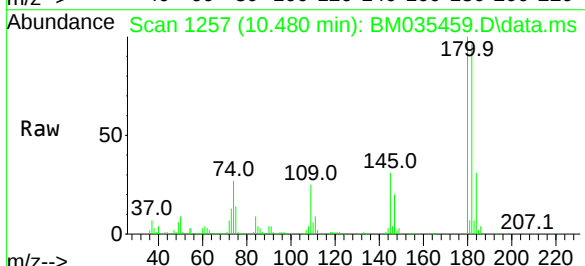
Tgt Ion:162 Resp: 764168
Ion Ratio Lower Upper
162 100
164 64.8 44.2 84.2
98 37.6 15.0 55.0

Manual Integrations
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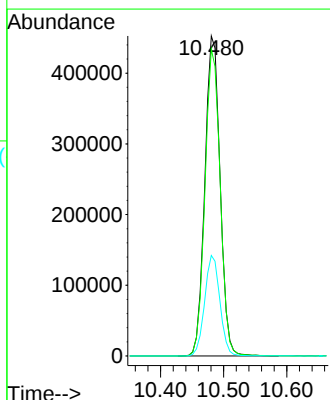
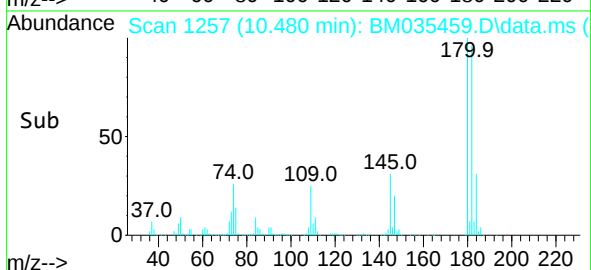
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

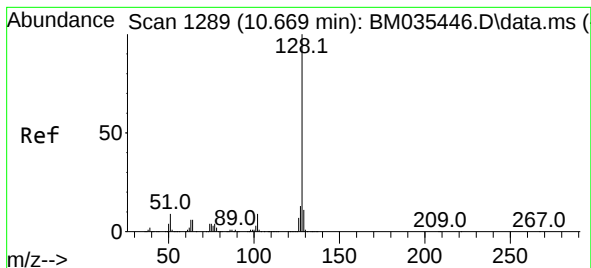


#30
1,2,4-Trichlorobenzene
Concen: 51.993 ng
RT: 10.480 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



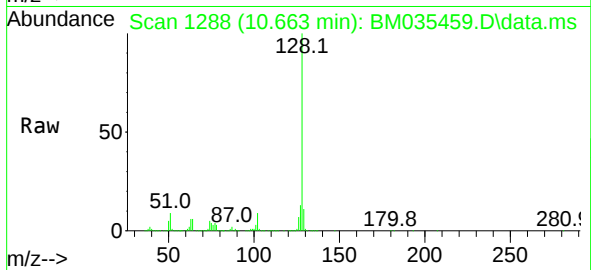
Tgt Ion:180 Resp: 760752
Ion Ratio Lower Upper
180 100
182 95.8 77.9 116.9
145 31.4 25.0 37.6





#31
Naphthalene
Concen: 53.711 ng
RT: 10.663 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

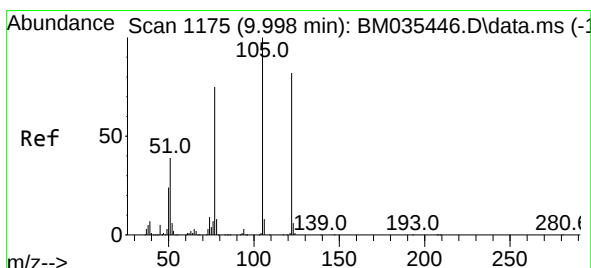
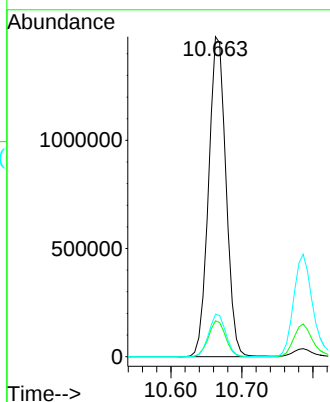
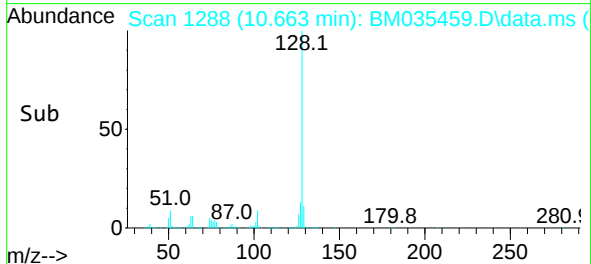
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



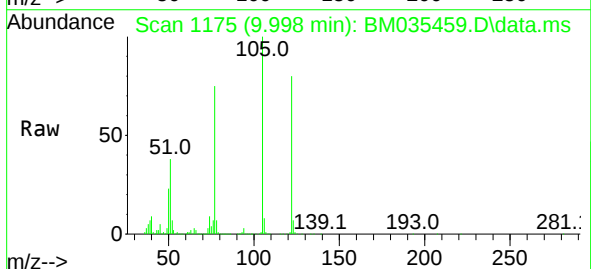
Tgt Ion:128 Resp: 251465
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations
APPROVED

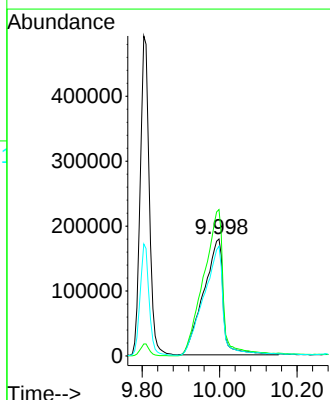
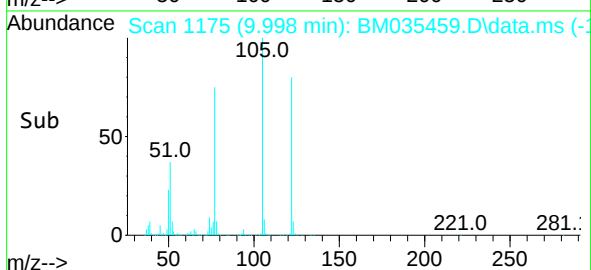
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

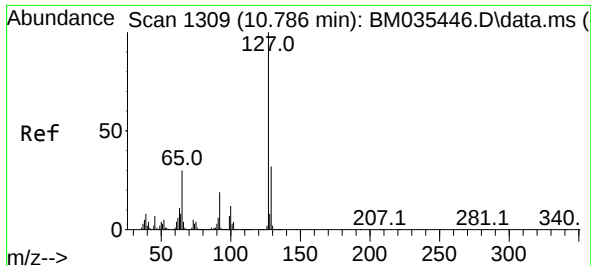


#32
Benzoic acid
Concen: 56.457 ng
RT: 9.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



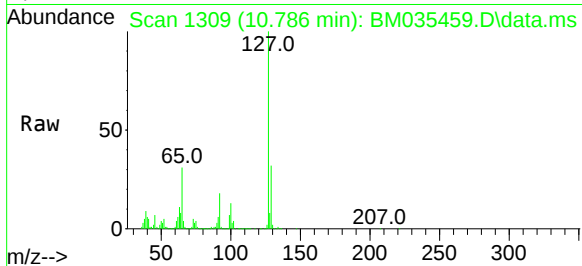
Tgt Ion:122 Resp: 632451
Ion Ratio Lower Upper
122 100
105 125.2 105.7 145.7
77 93.9 80.0 120.0





#33
4-Chloroaniline
Concen: 46.863 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

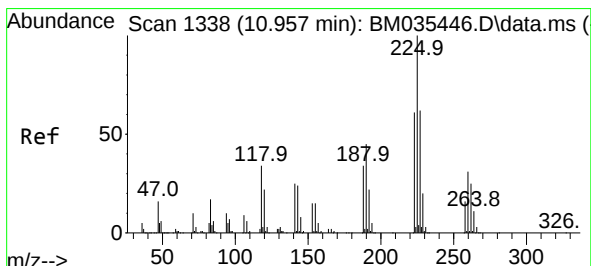
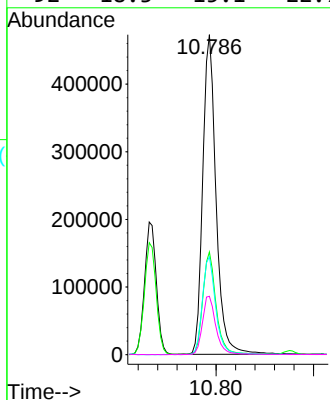
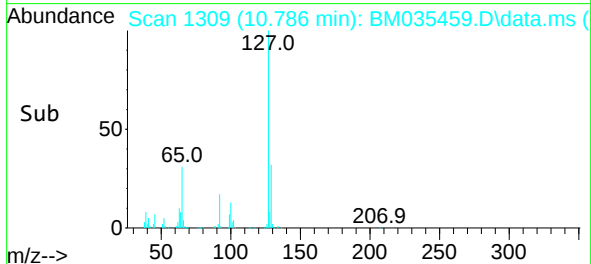
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



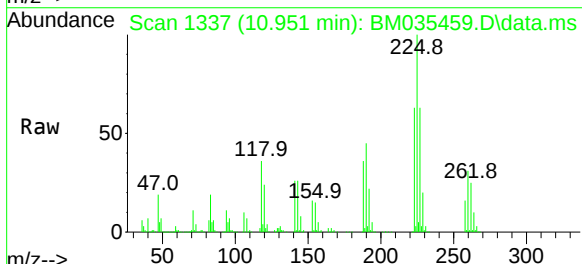
Tgt Ion:127 Resp: 892680
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 30.6 26.6 40.0
92 18.3 15.1 22.7

Manual Integrations
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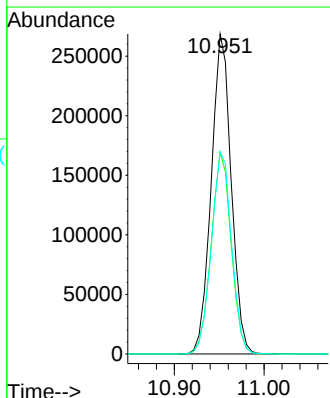
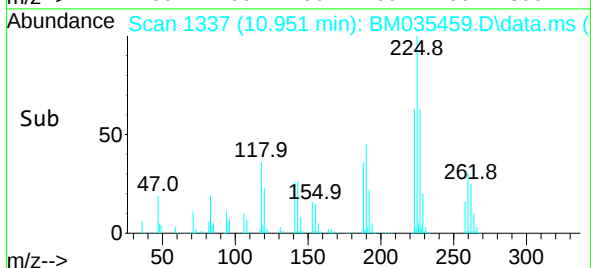
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

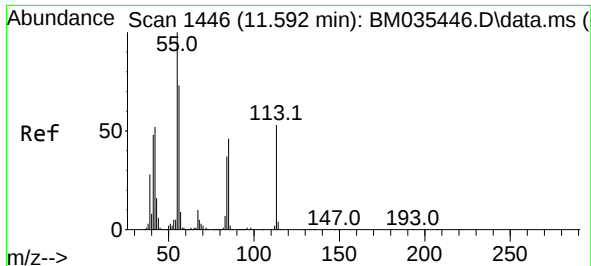


#34
Hexachlorobutadiene
Concen: 50.334 ng
RT: 10.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



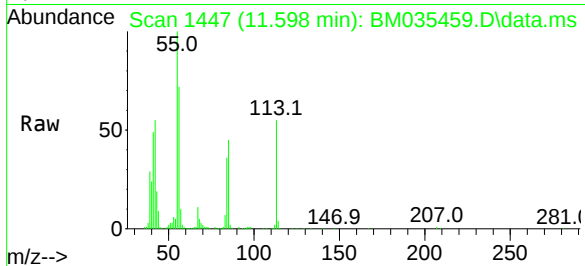
Tgt Ion:225 Resp: 414464
Ion Ratio Lower Upper
225 100
223 63.0 50.8 76.2
227 63.2 52.7 79.1





#35
Caprolactam
Concen: 60.114 ng m
RT: 11.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

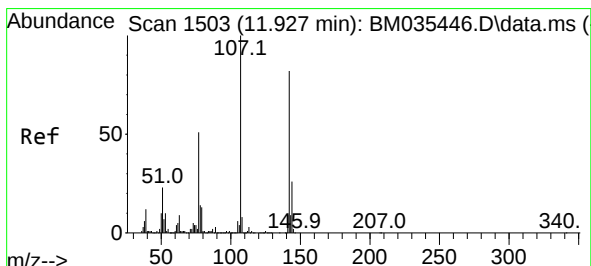
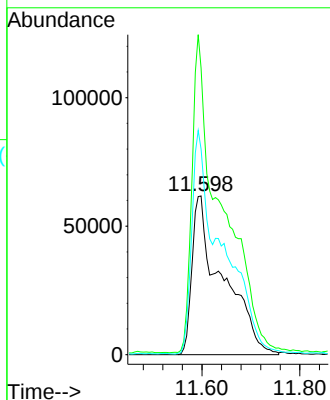
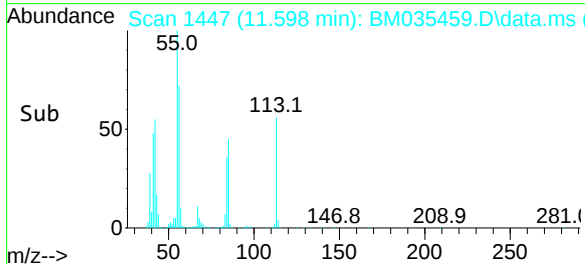
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



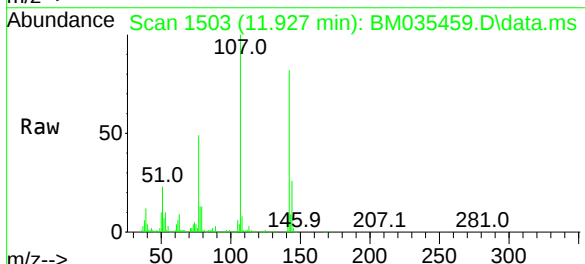
Tgt Ion:113 Resp: 268179
Ion Ratio Lower Upper
113 100
55 180.6 150.1 190.1
56 129.6 111.7 151.7

Manual Integrations
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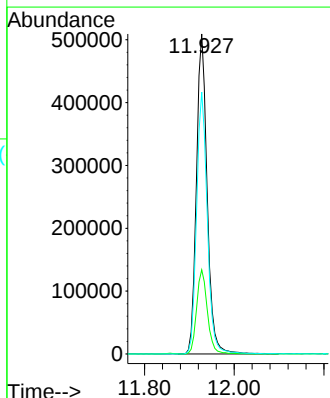
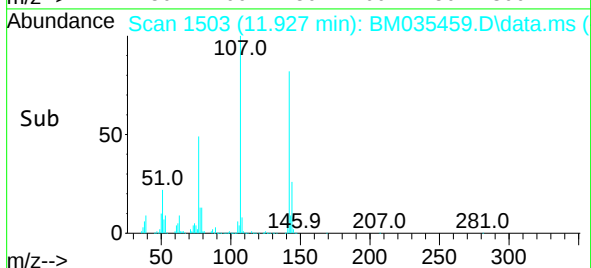
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

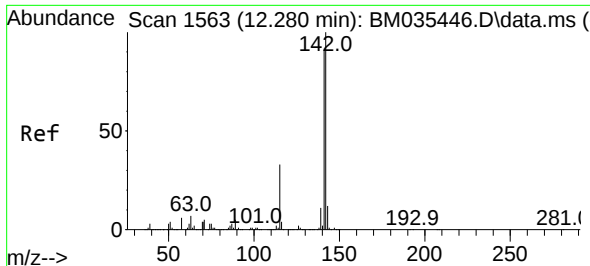


#36
4-Chloro-3-methylphenol
Concen: 56.626 ng
RT: 11.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



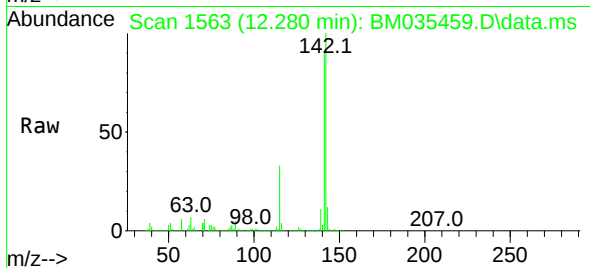
Tgt Ion:107 Resp: 844931
Ion Ratio Lower Upper
107 100
144 26.3 21.4 32.0
142 81.9 66.7 100.1





#37
2-Methylnaphthalene
Concen: 53.424 ng
RT: 12.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

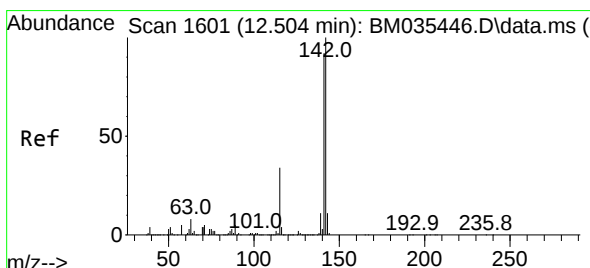
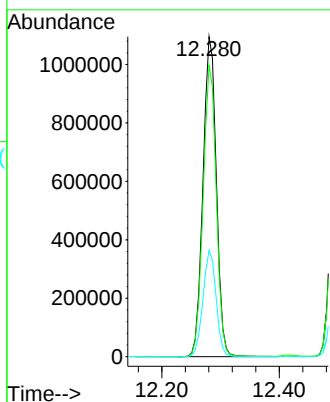
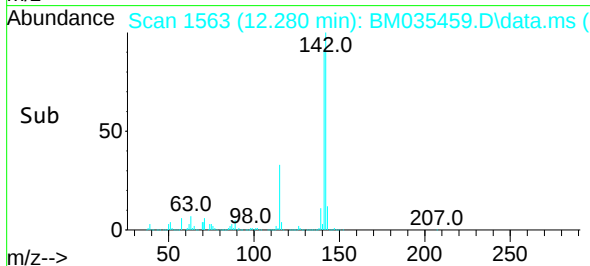
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



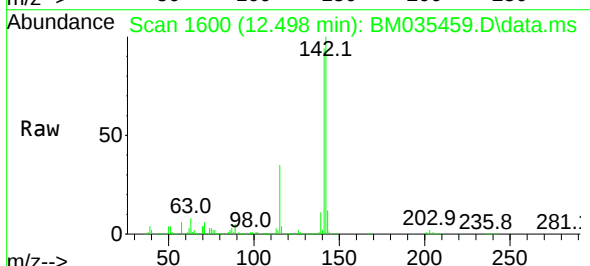
Tgt Ion:142 Resp: 1722484
Ion Ratio Lower Upper
142 100
141 91.0 72.4 108.6
115 33.3 29.6 44.4

Manual Integrations
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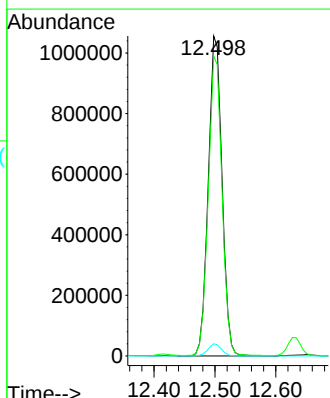
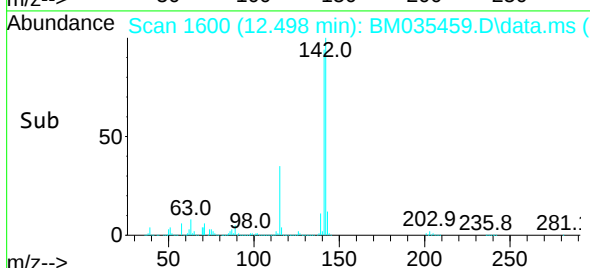
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

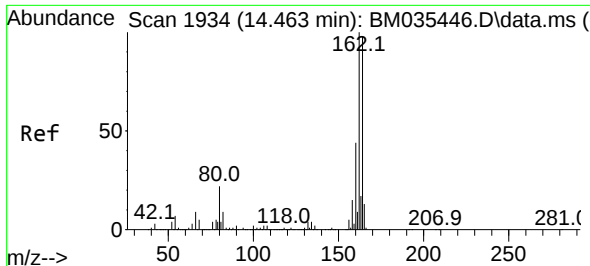


#38
1-Methylnaphthalene
Concen: 52.643 ng
RT: 12.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



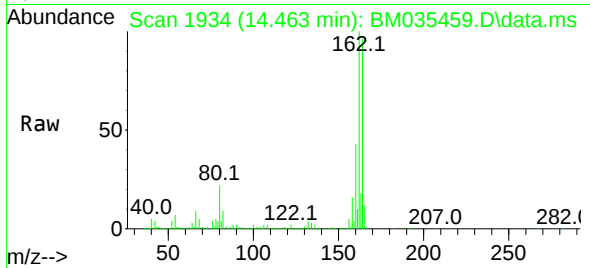
Tgt Ion:142 Resp: 1658921
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4
116 3.8 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

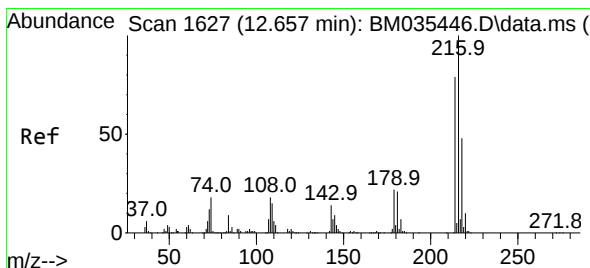
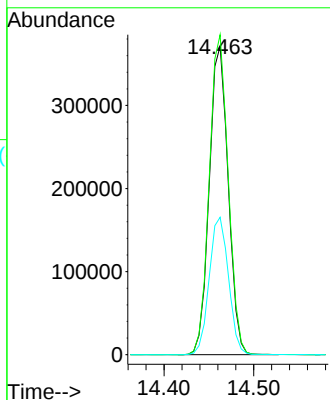
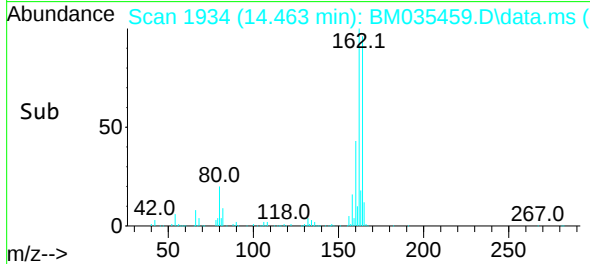
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



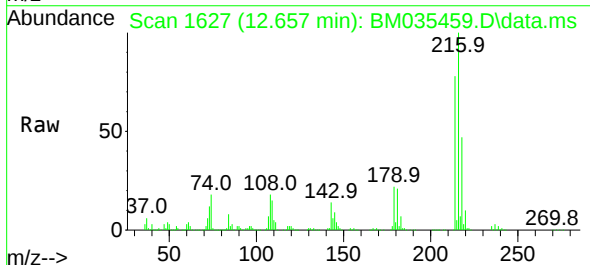
Tgt Ion:164 Resp: 54356
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.6
160 44.6 37.0 55.4

Manual Integrations
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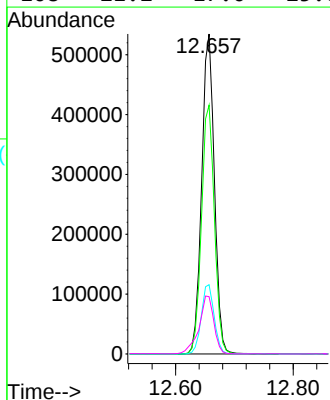
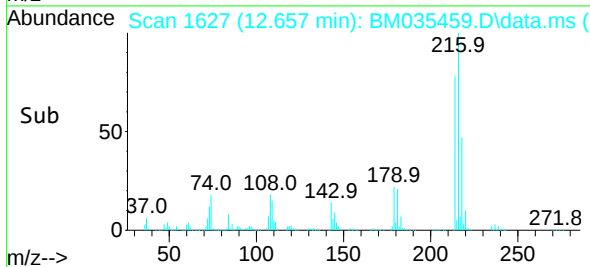
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

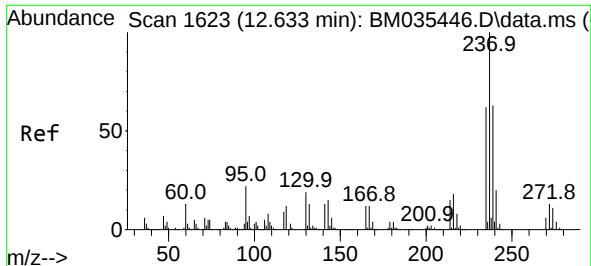


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.176 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



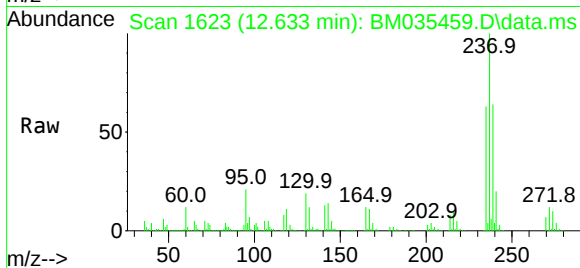
Tgt Ion:216 Resp: 799315
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 22.0 18.2 27.2
108 21.2 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 113.694 ng
RT: 12.633 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

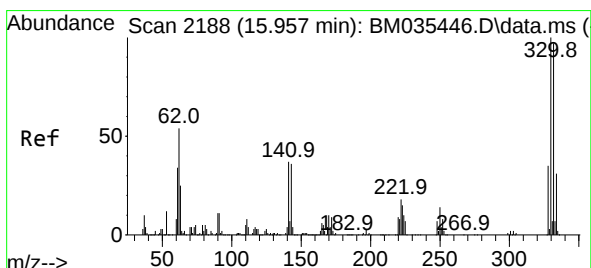
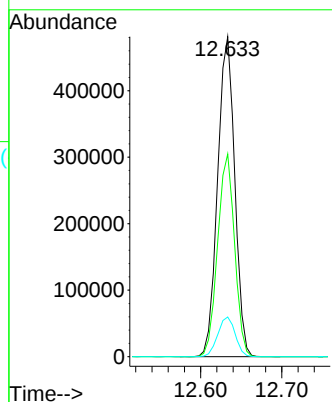
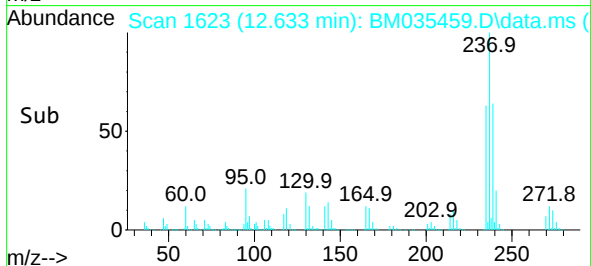
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



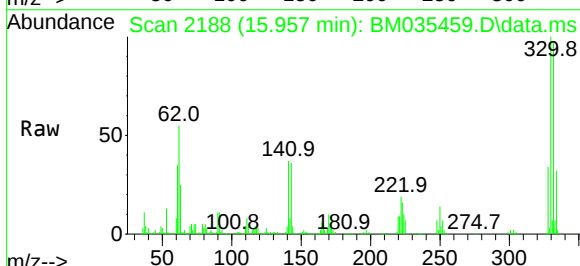
Tgt Ion:237 Resp: 705680
Ion Ratio Lower Upper
237 100
235 63.4 43.8 83.8
272 12.4 0.0 32.5

Manual Integrations
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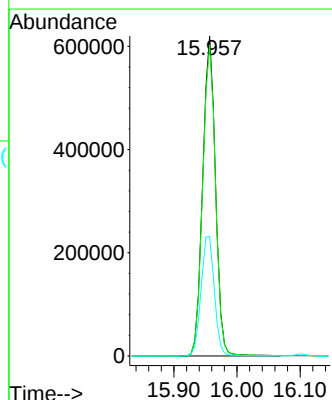
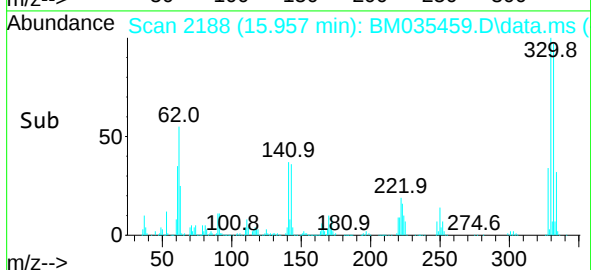
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

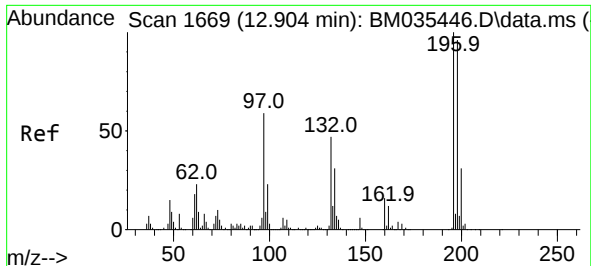


#42
2,4,6-Tribromophenol
Concen: 150.331 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



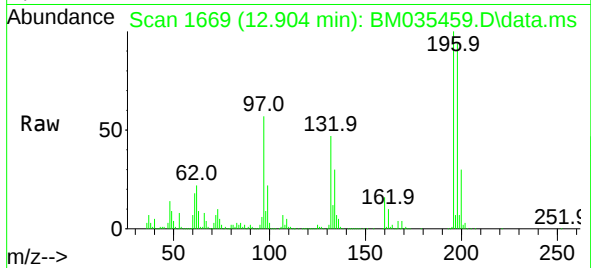
Tgt Ion:330 Resp: 869983
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.4
141 39.0 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 55.296 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

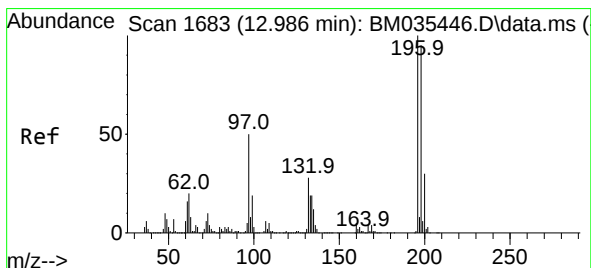
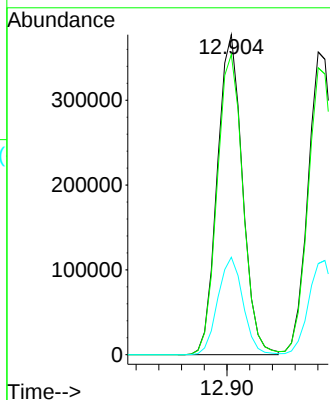
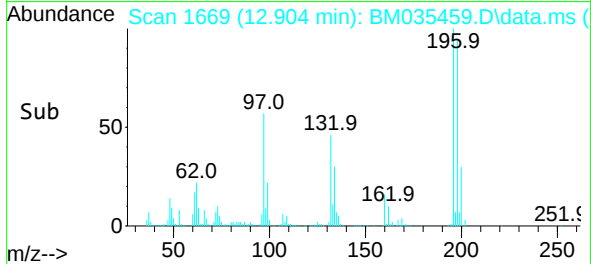
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



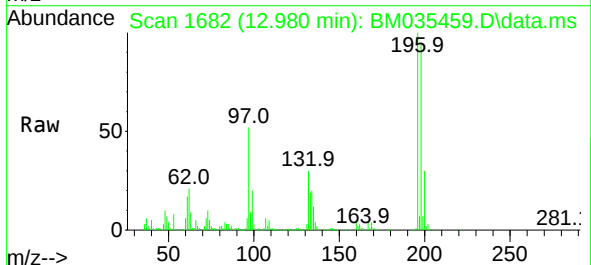
Tgt Ion:196 Resp: 58106
Ion Ratio Lower Upper
196 100
198 93.8 75.8 113.6
200 30.4 24.9 37.3

Manual Integrations
APPROVED

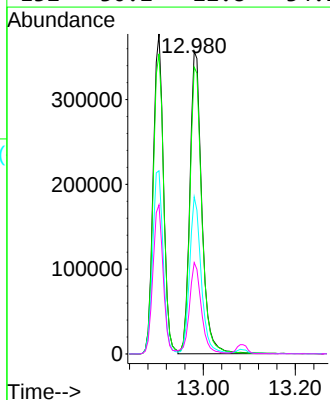
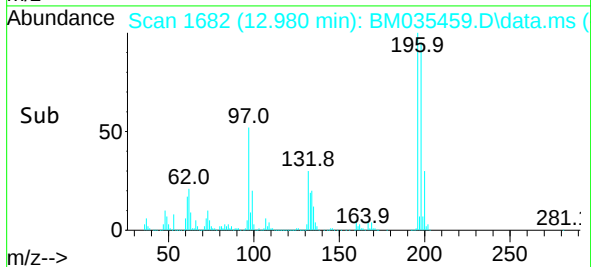
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

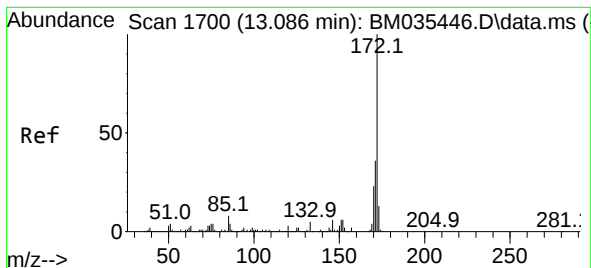


#44
2,4,5-Trichlorophenol
Concen: 56.484 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



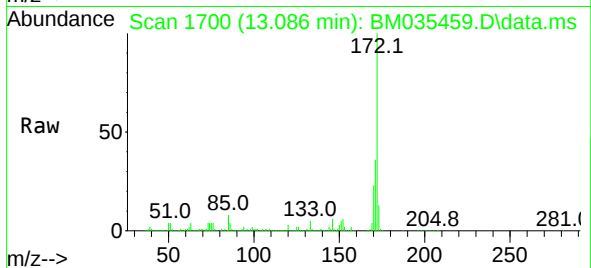
Tgt Ion:196 Resp: 640322
Ion Ratio Lower Upper
196 100
198 94.8 77.8 116.6
97 51.9 43.4 65.2
132 30.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 90.773 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

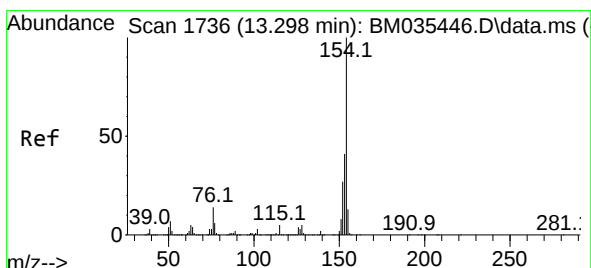
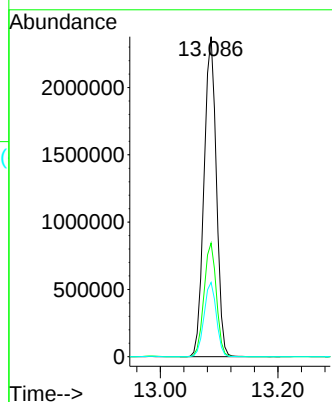
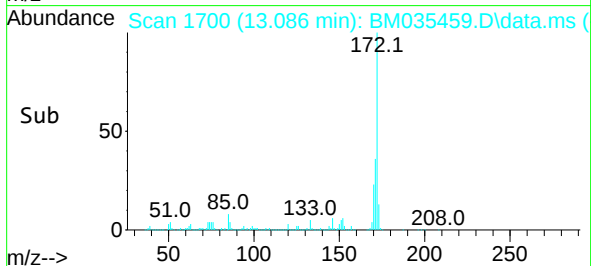
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



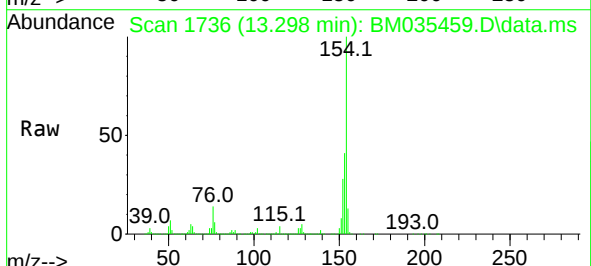
Tgt Ion:172 Resp: 3453770
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.2 18.7 28.1

Manual Integrations
APPROVED

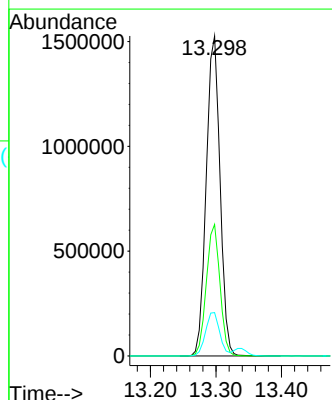
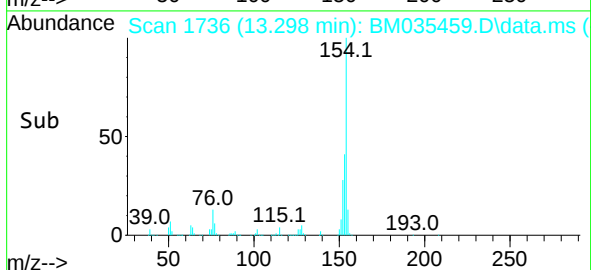
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

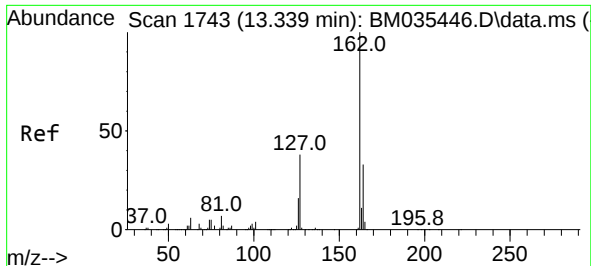


#46
1,1'-Biphenyl
Concen: 52.715 ng
RT: 13.298 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



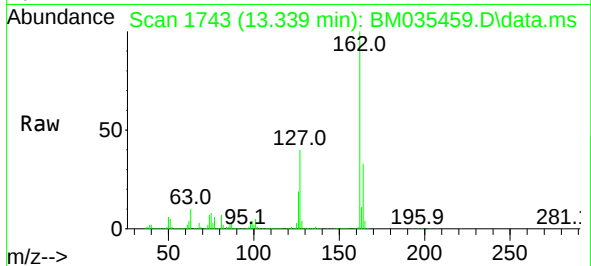
Tgt Ion:154 Resp: 2231618
Ion Ratio Lower Upper
154 100
153 41.1 20.5 60.5
76 13.5 0.0 31.8





#47
2-Chloronaphthalene
Concen: 53.367 ng
RT: 13.339 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

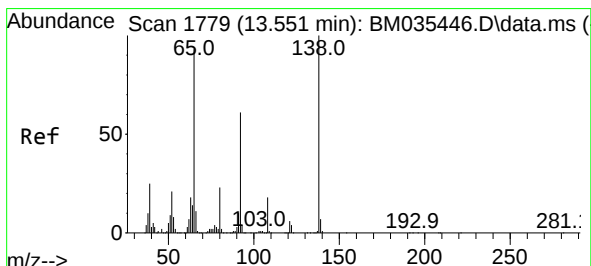
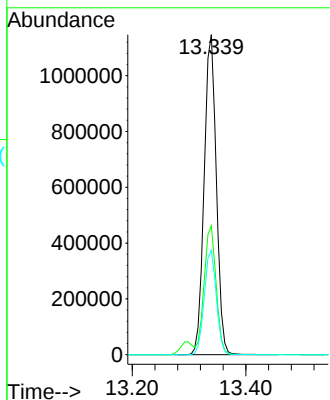
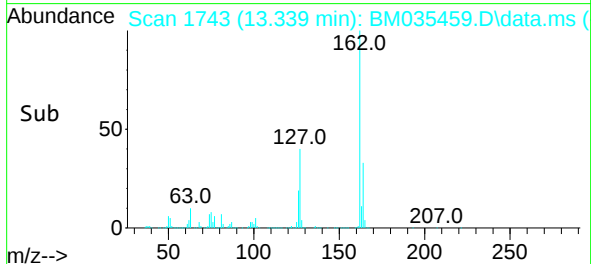
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



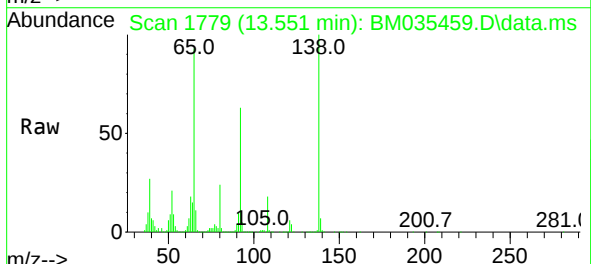
Tgt Ion:162 Resp: 169908
Ion Ratio Lower Upper
162 100
127 40.3 30.6 45.8
164 32.7 26.6 39.8

Manual Integrations
APPROVED

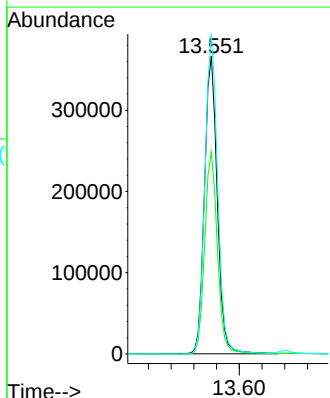
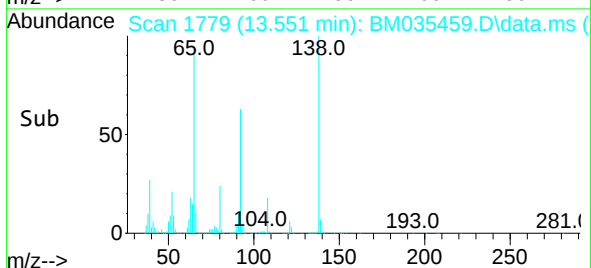
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

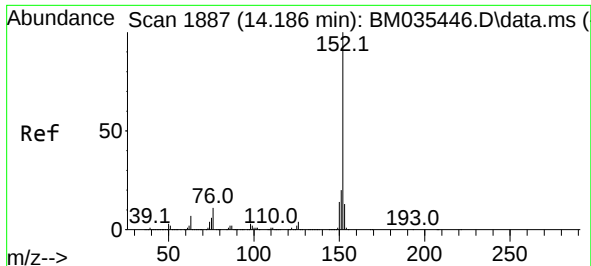


#48
2-Nitroaniline
Concen: 59.365 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



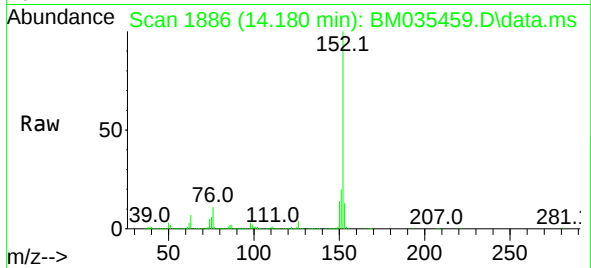
Tgt Ion: 65 Resp: 572145
Ion Ratio Lower Upper
65 100
92 67.8 53.7 80.5
138 107.4 83.9 125.9





#49
Acenaphthylene
Concen: 58.000 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

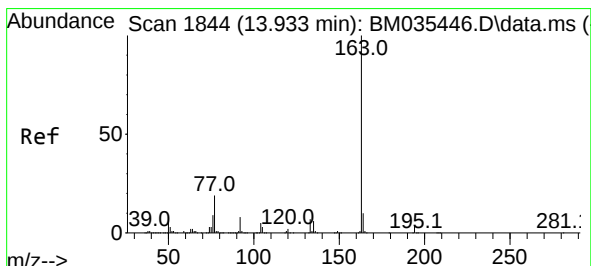
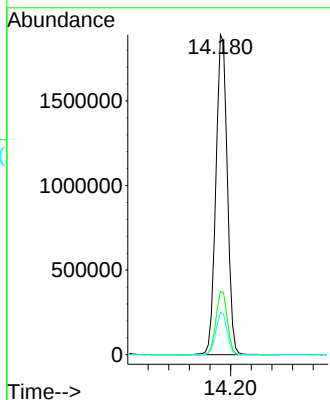
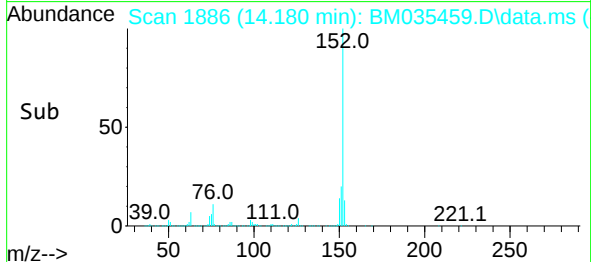
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:152 Resp: 289251
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.5 15.7

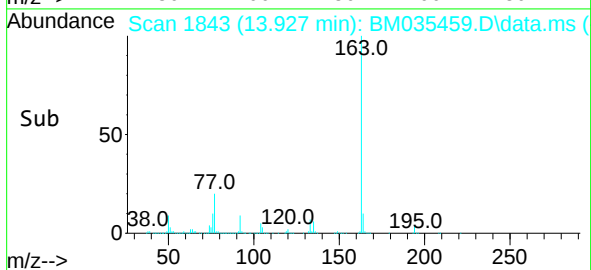
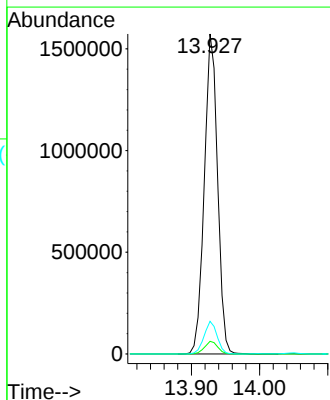
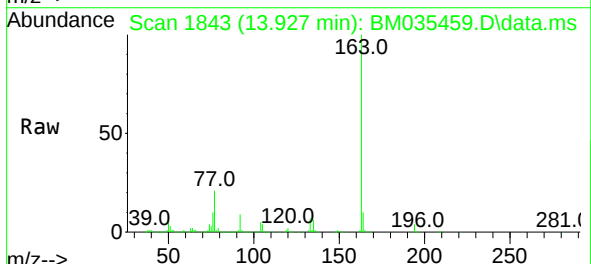
Manual Integrations
APPROVED

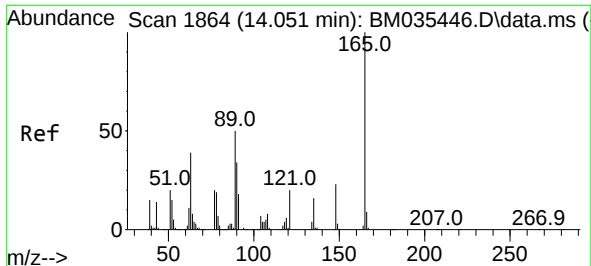
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#50
Dimethylphthalate
Concen: 53.178 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

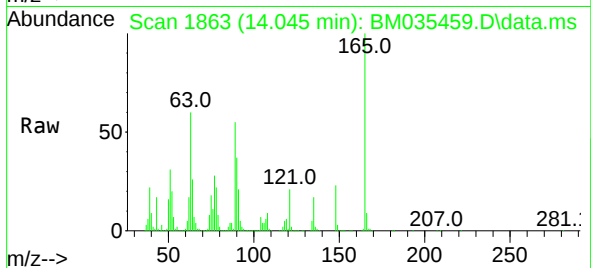
Tgt Ion:163 Resp: 2127086
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.2 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 58.466 ng
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

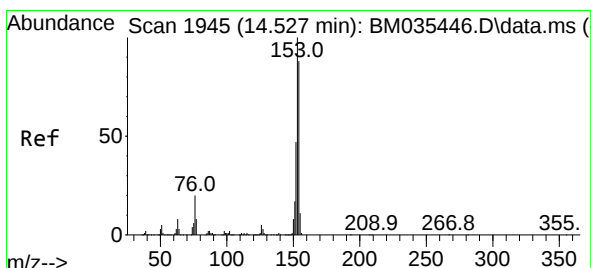
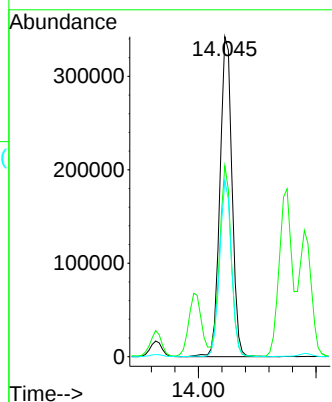
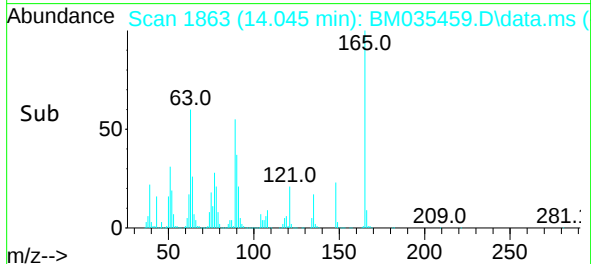
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:165 Resp: 48955
Ion Ratio Lower Upper
165 100
63 59.7 50.2 75.2
89 55.0 48.4 72.6

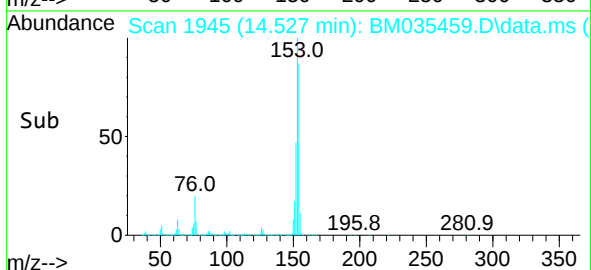
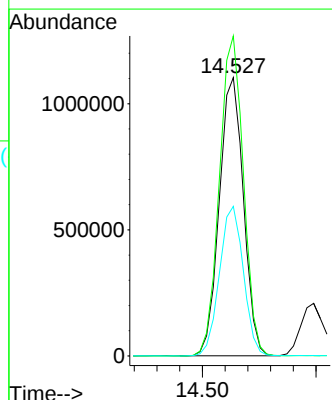
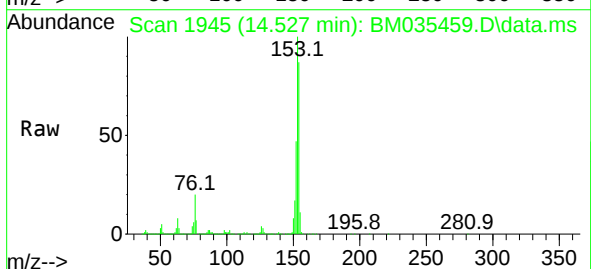
Manual Integrations
APPROVED

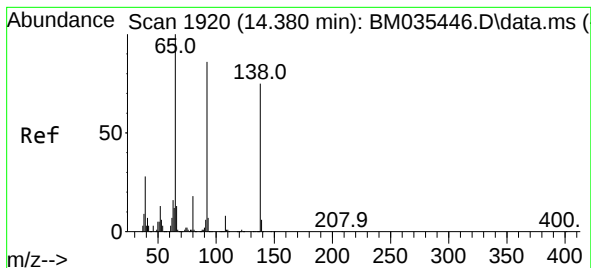
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#52
Acenaphthene
Concen: 56.064 ng
RT: 14.527 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

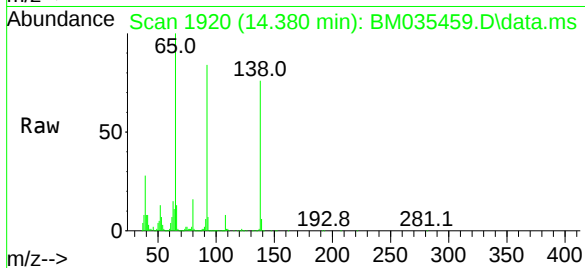
Tgt Ion:154 Resp: 1628626
Ion Ratio Lower Upper
154 100
153 114.9 91.0 136.6
152 53.8 43.4 65.2





#53
3-Nitroaniline
Concen: 48.848 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

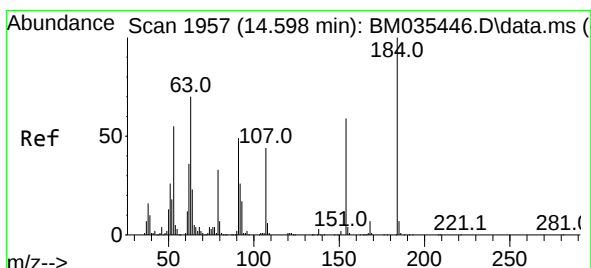
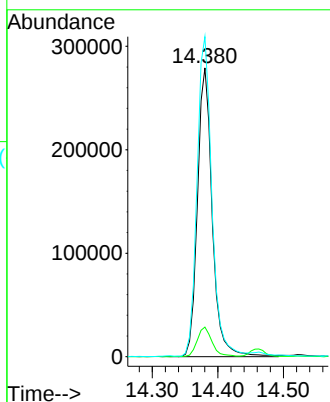
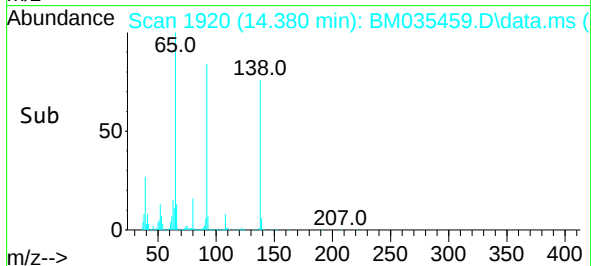
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



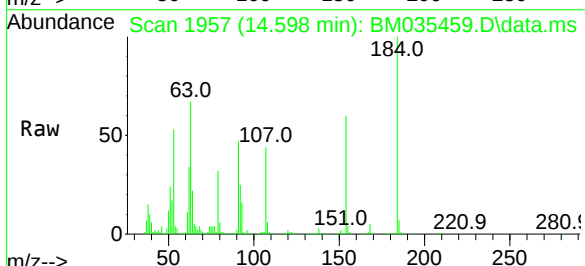
Tgt Ion:138 Resp: 438952
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 110.8 91.5 137.3

Manual Integrations
APPROVED

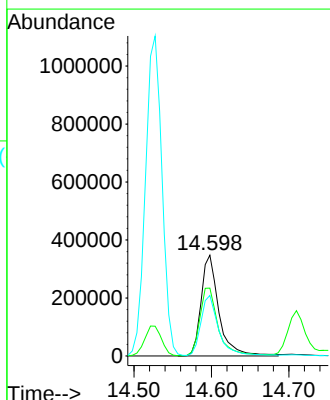
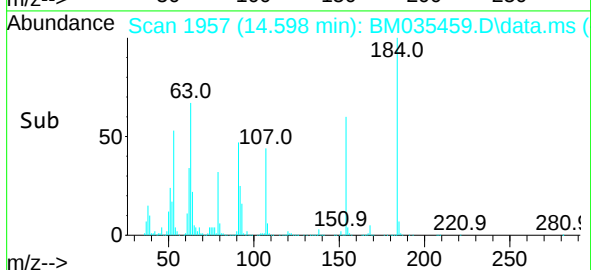
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

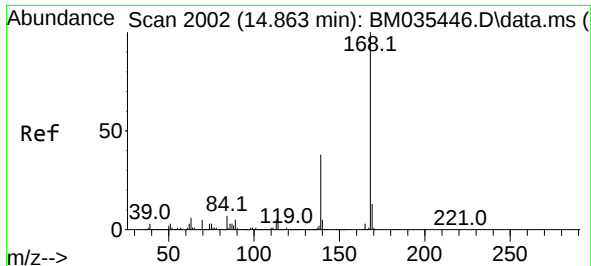


#54
2,4-Dinitrophenol
Concen: 103.174 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



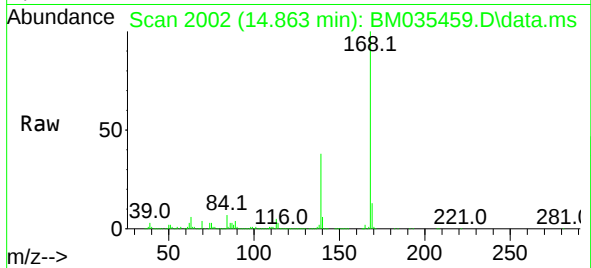
Tgt Ion:184 Resp: 555357
Ion Ratio Lower Upper
184 100
63 67.4 59.5 89.3
154 60.0 55.6 83.4





#55
Dibenzenofuran
Concen: 54.886 ng
RT: 14.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

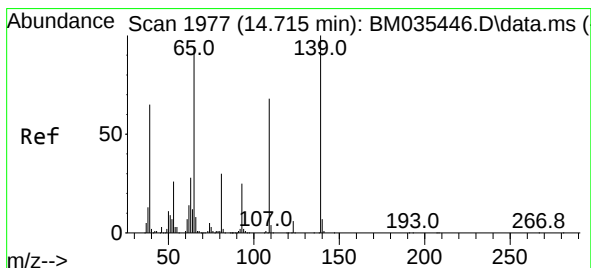
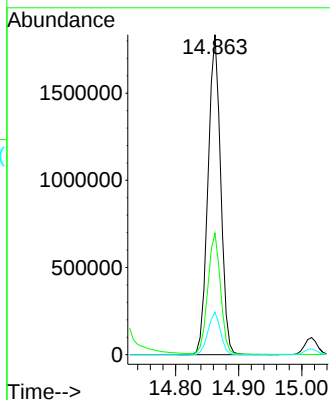
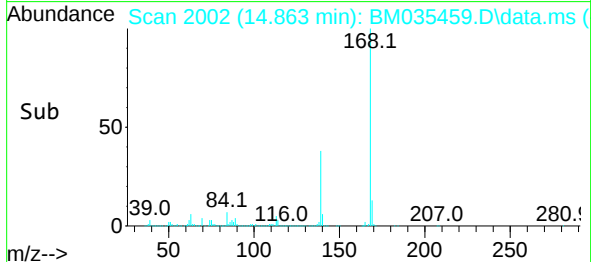
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



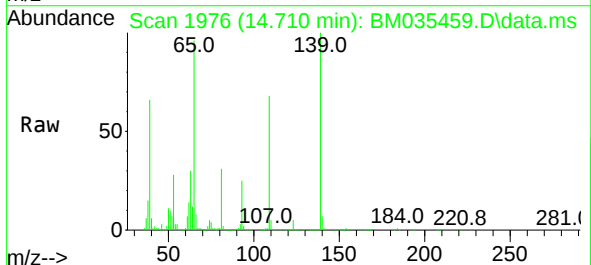
Tgt Ion:168 Resp: 2554469
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 13.3 10.6 16.0

Manual Integrations
APPROVED

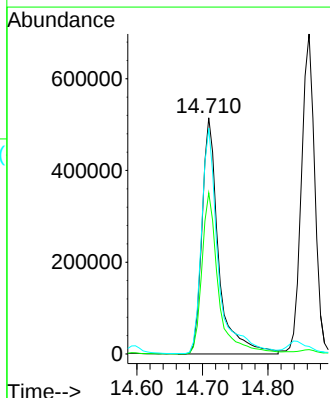
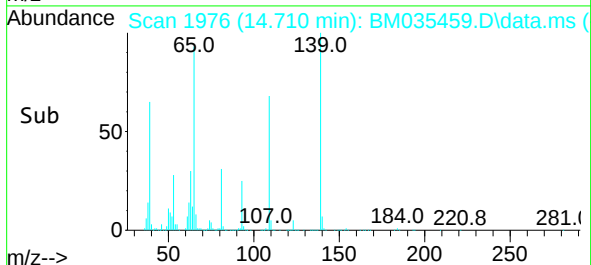
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

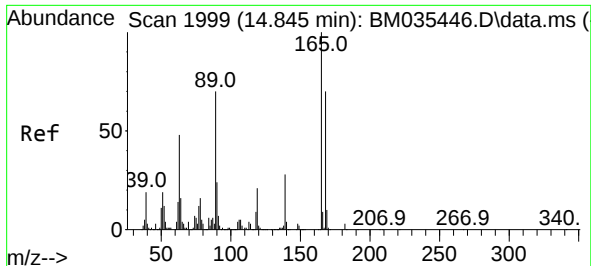


#56
4-Nitrophenol
Concen: 124.741 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



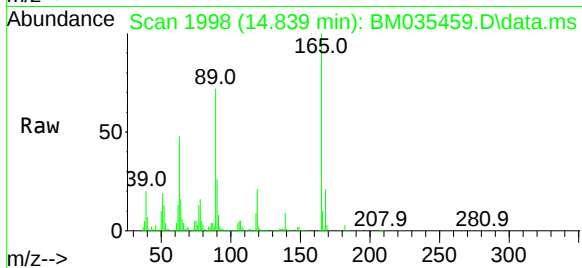
Tgt Ion:139 Resp: 908794
Ion Ratio Lower Upper
139 100
109 68.3 62.5 102.5
65 95.6 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 62.783 ng
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

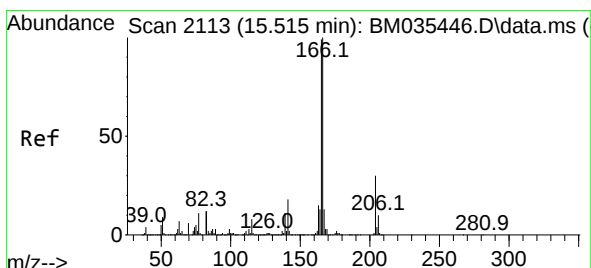
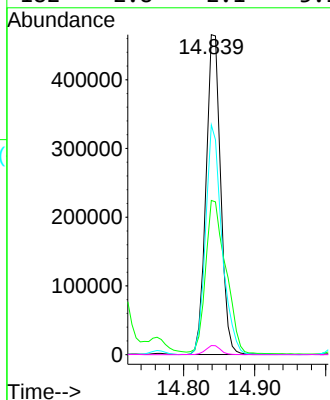
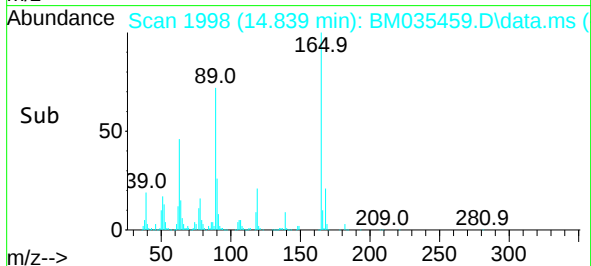
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:165 Resp: 667586
Ion Ratio Lower Upper
165 100
63 48.2 35.6 53.4
89 71.8 57.3 85.9
182 2.8 2.1 3.1

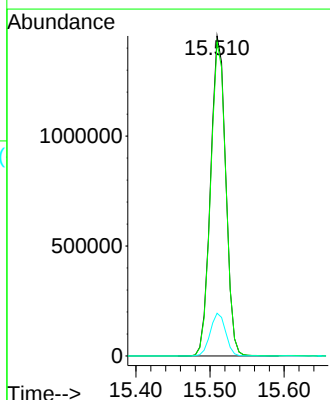
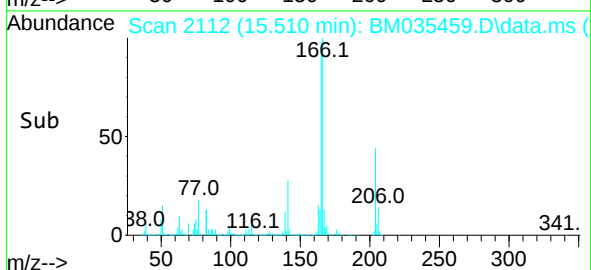
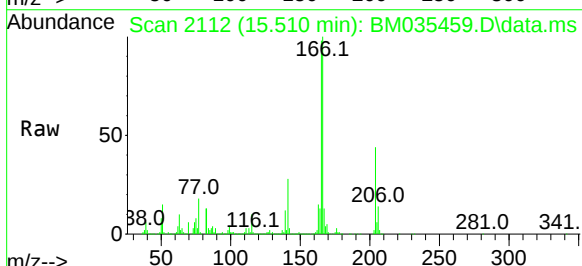
Manual Integrations
APPROVED

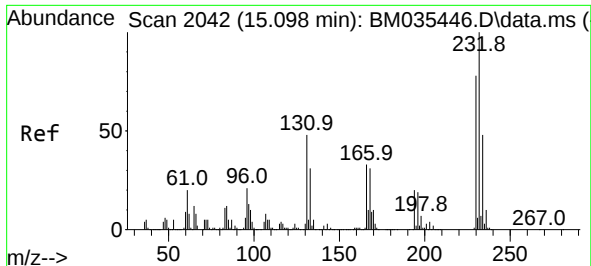
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#58
Fluorene
Concen: 56.846 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

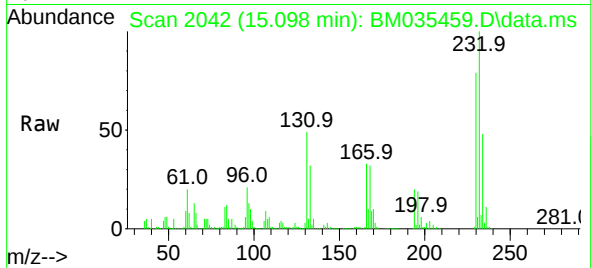
Tgt Ion:166 Resp: 2066856
Ion Ratio Lower Upper
166 100
165 98.0 79.4 119.2
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.651 ng
RT: 15.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

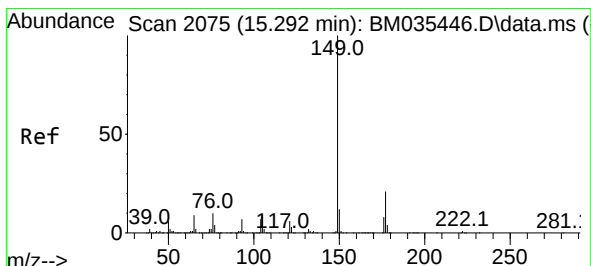
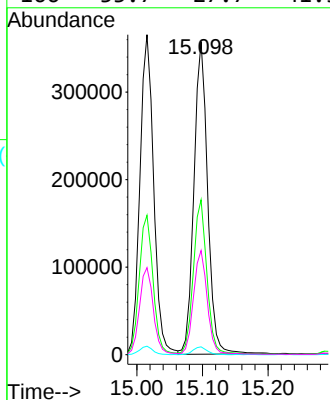
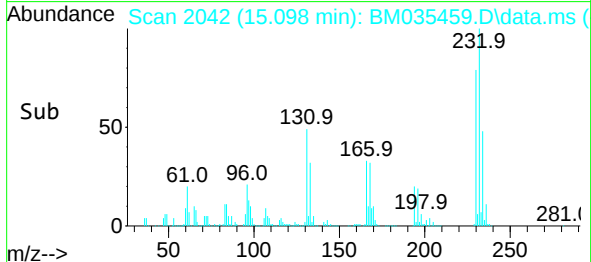
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



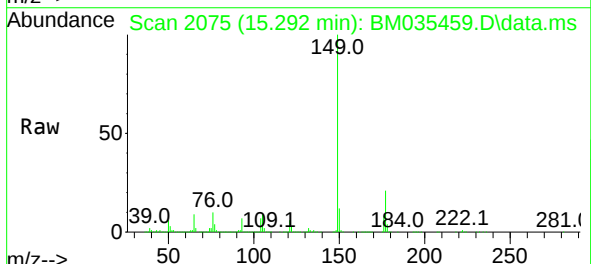
Tgt Ion:232 Resp: 519740
Ion Ratio Lower Upper
232 100
131 49.3 41.0 61.6
130 2.6 2.3 3.5
166 33.7 27.7 41.5

Manual Integrations
APPROVED

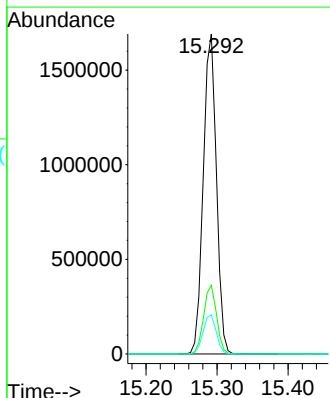
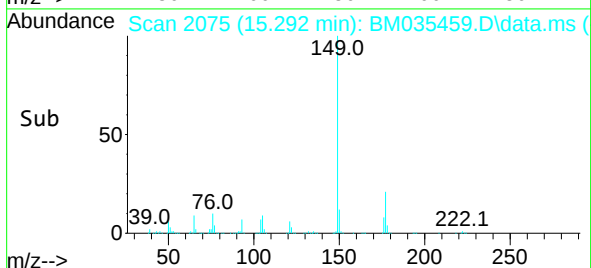
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

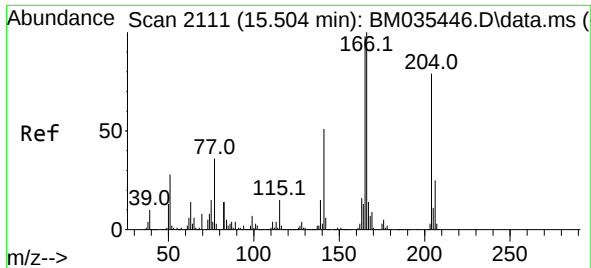


#60
Diethylphthalate
Concen: 55.659 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



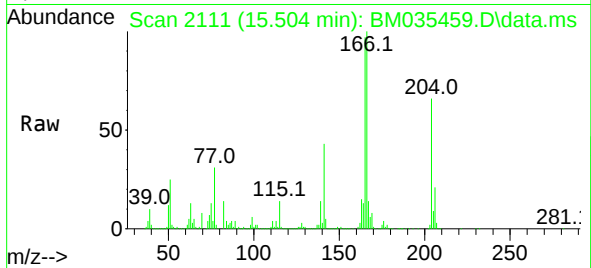
Tgt Ion:149 Resp: 2178790
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 54.263 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

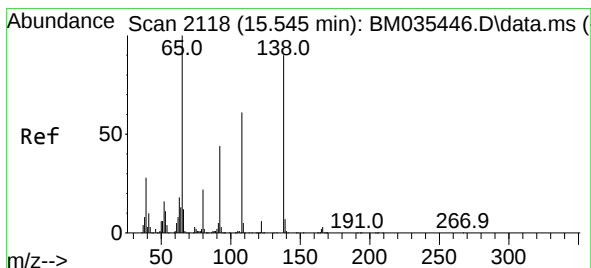
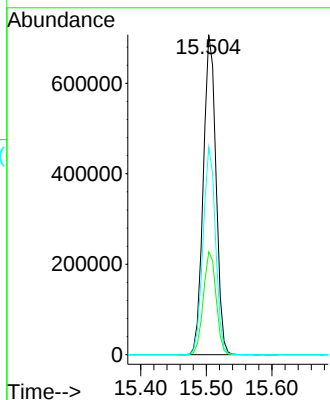
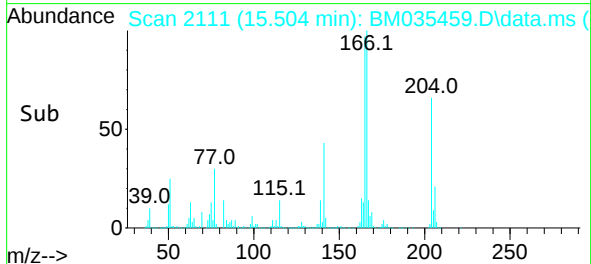
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



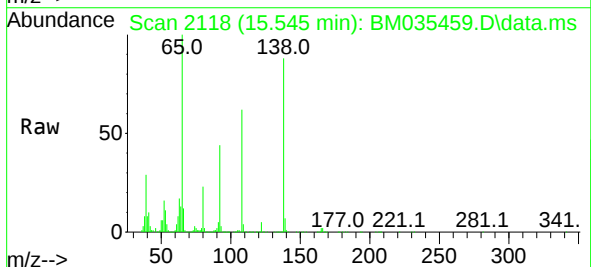
Tgt Ion:204 Resp: 954698
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 64.9 51.2 76.8

Manual Integrations
APPROVED

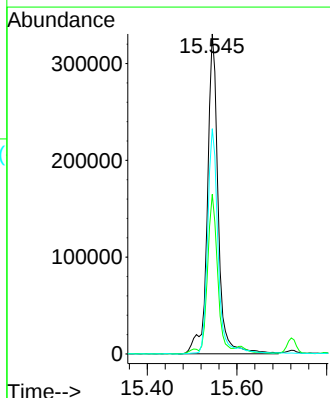
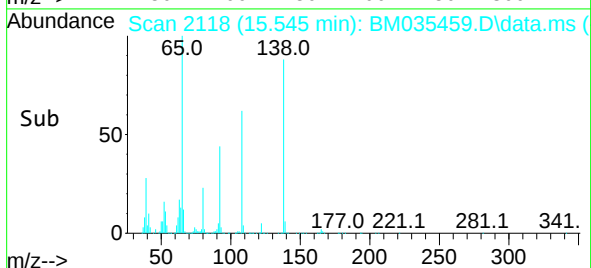
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

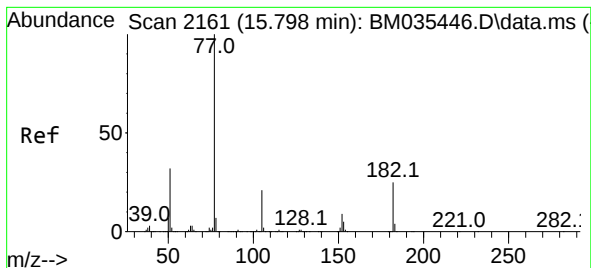


#62
4-Nitroaniline
Concen: 63.488 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



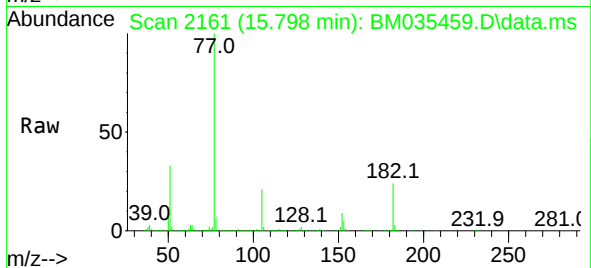
Tgt Ion:138 Resp: 552143
Ion Ratio Lower Upper
138 100
92 49.9 30.8 70.8
108 70.4 65.7 105.7





#63
Azobenzene
Concen: 54.895 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

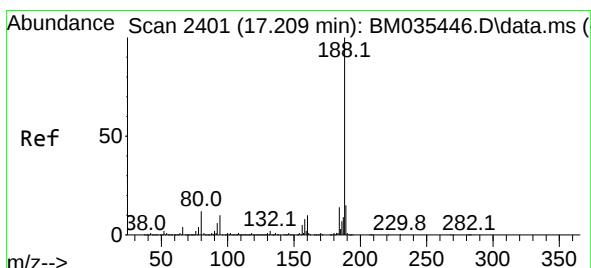
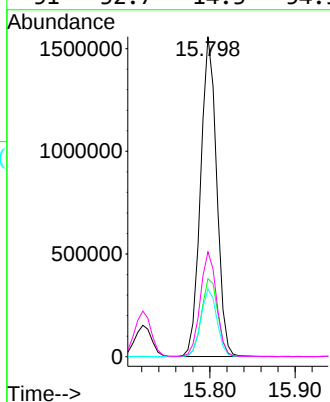
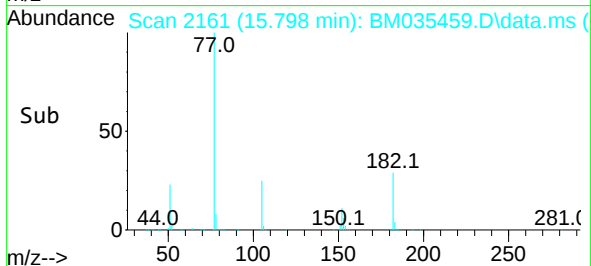
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



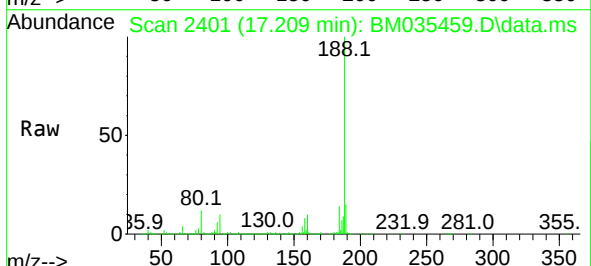
Tgt Ion: 77 Resp: 203535
Ion Ratio Lower Upper
77 100
182 24.4 4.9 44.9
105 21.2 0.0 39.6
51 32.7 14.3 54.3

Manual Integrations
APPROVED

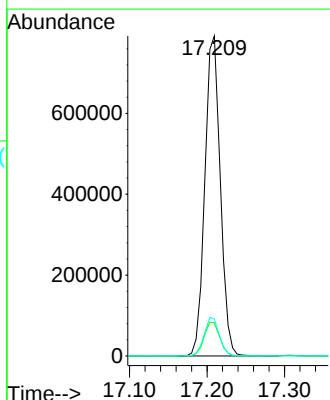
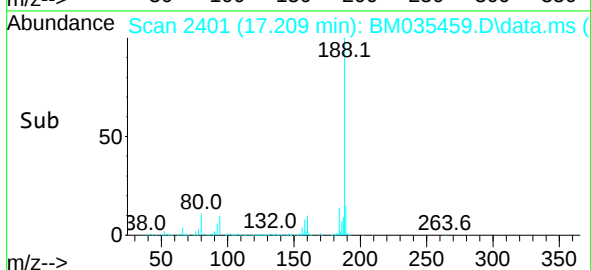
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

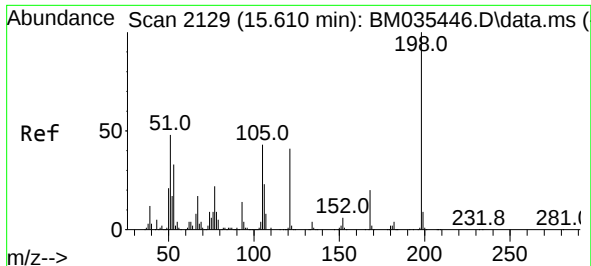


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



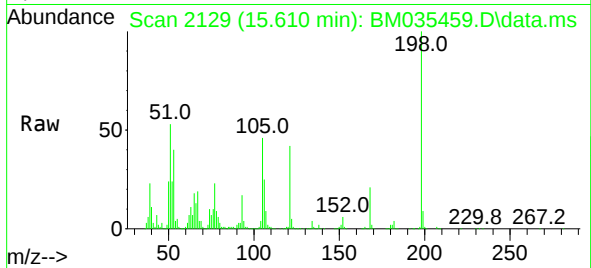
Tgt Ion:188 Resp: 1095319
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.4
80 11.5 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 52.138 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

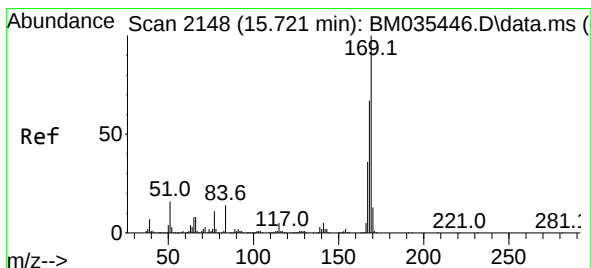
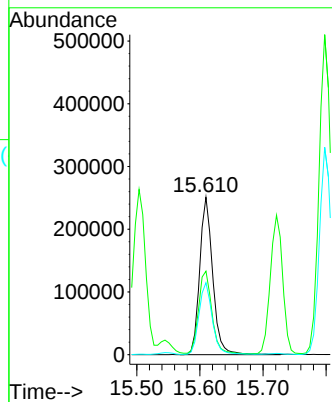
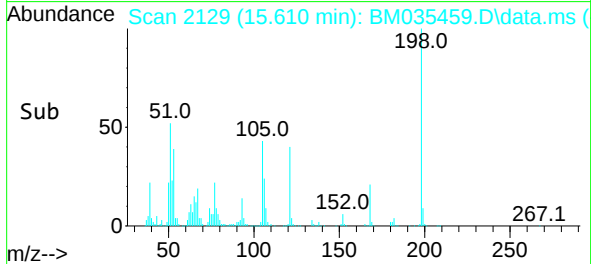
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



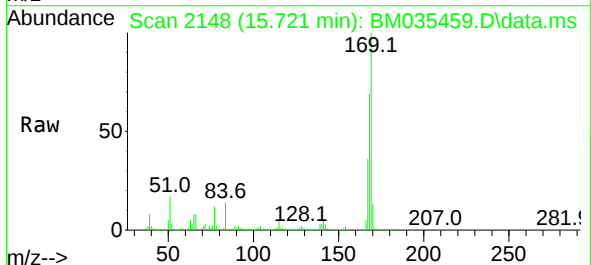
Tgt Ion:198 Resp: 359560
Ion Ratio Lower Upper
198 100
51 53.1 29.0 69.0
105 45.7 22.1 62.1

Manual Integrations
APPROVED

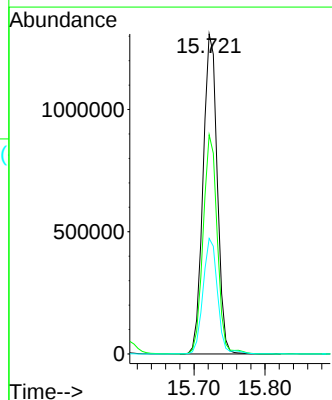
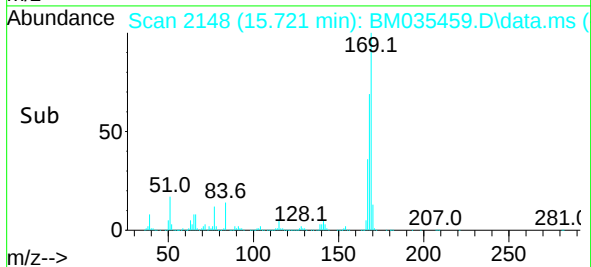
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

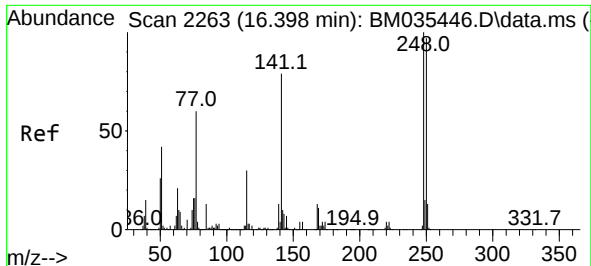


#66
n-Nitrosodiphenylamine
Concen: 55.776 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



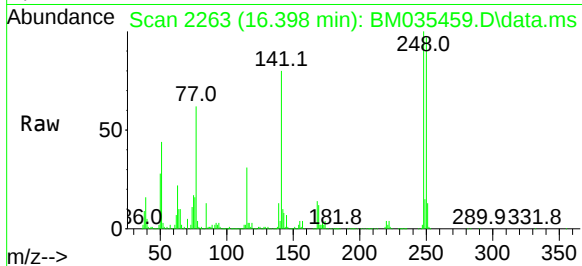
Tgt Ion:169 Resp: 1819269
Ion Ratio Lower Upper
169 100
168 68.5 54.3 81.5
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 52.731 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

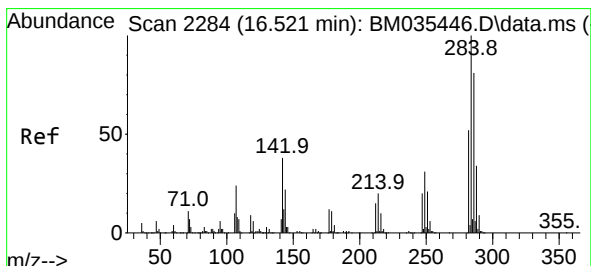
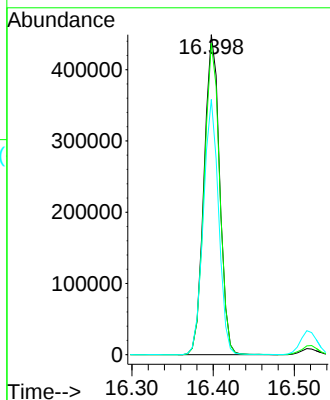
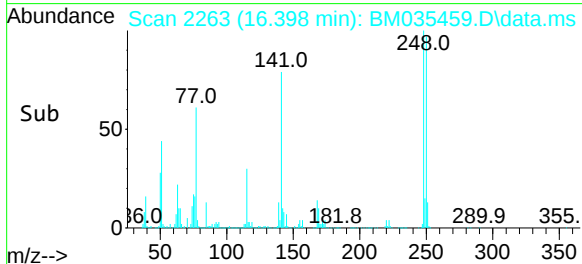
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



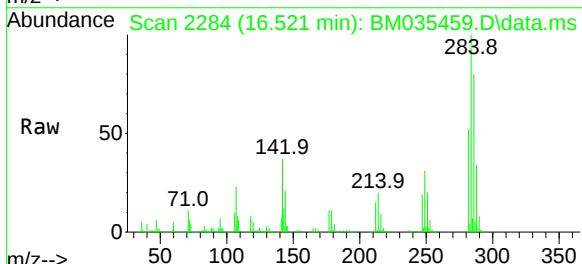
Tgt Ion:248 Resp: 595940
Ion Ratio Lower Upper
248 100
250 97.3 78.0 117.0
141 79.7 66.0 99.0

Manual Integrations
APPROVED

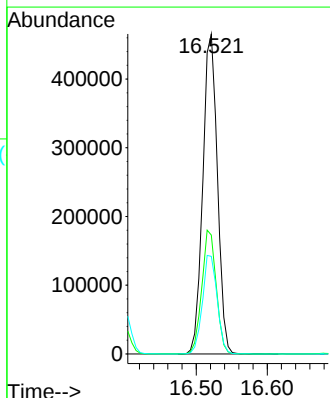
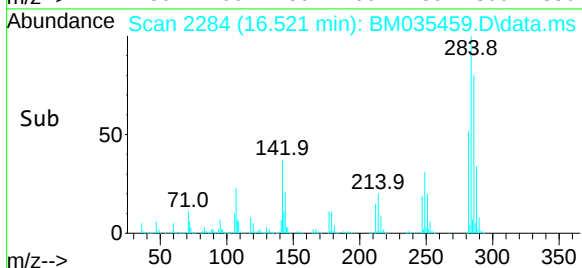
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

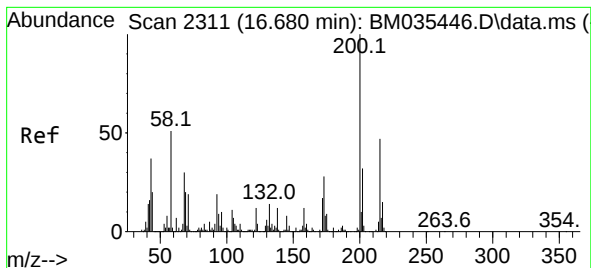


#68
Hexachlorobenzene
Concen: 53.993 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



Tgt Ion:284 Resp: 667140
Ion Ratio Lower Upper
284 100
142 37.1 33.6 50.4
249 30.5 26.2 39.2





#69

Atrazine

Concen: 63.048 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MS

Tgt Ion:200 Resp: 62428

Ion Ratio Lower Upper

200 100

173 28.0 6.6 46.6

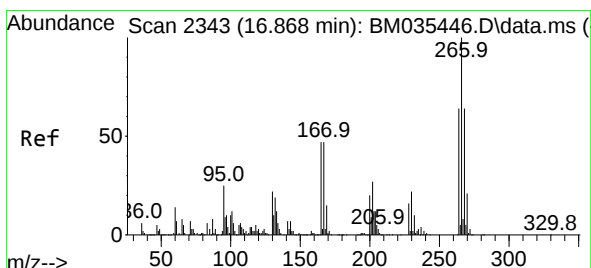
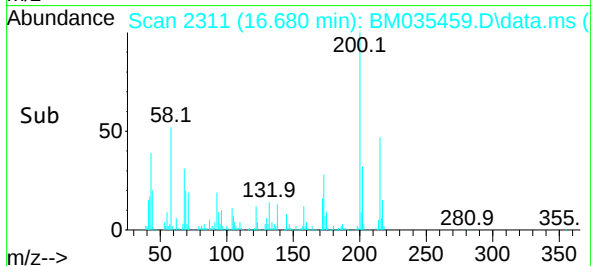
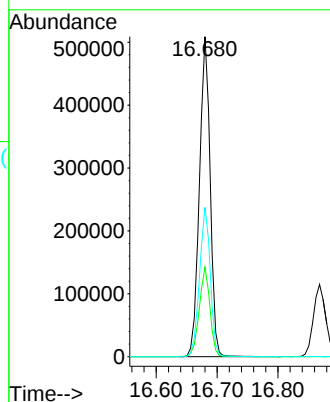
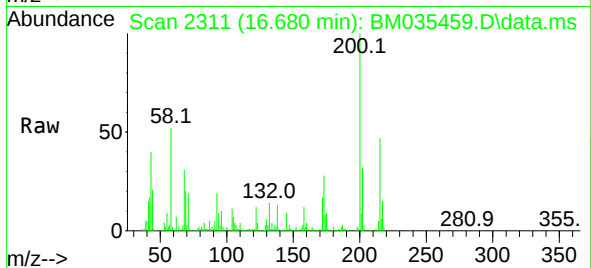
215 46.7 26.2 66.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#70

Pentachlorophenol

Concen: 132.750 ng

RT: 16.868 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

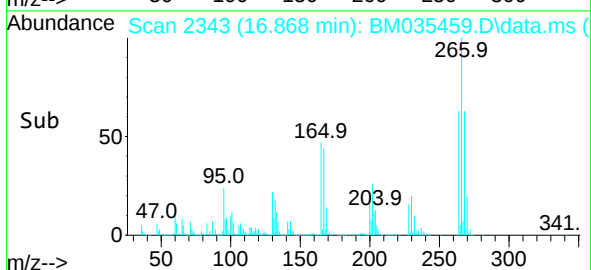
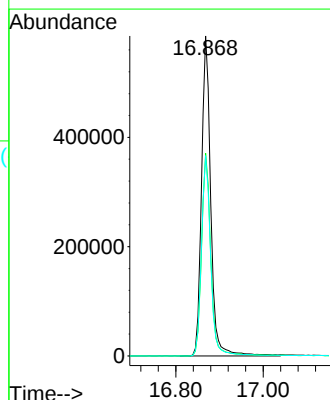
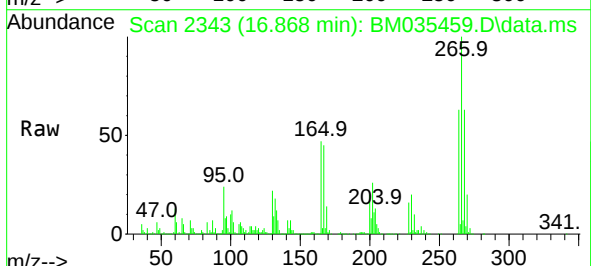
Tgt Ion:266 Resp: 863685

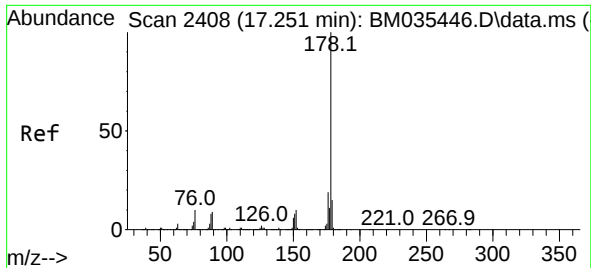
Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

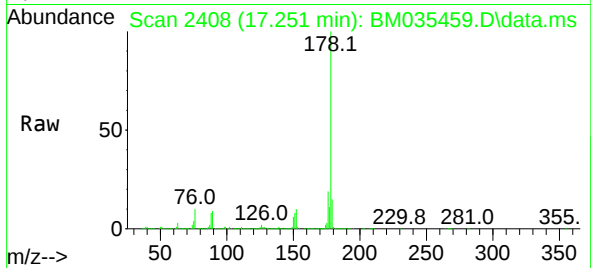
264 62.6 50.6 76.0





#71
Phenanthrene
Concen: 54.769 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

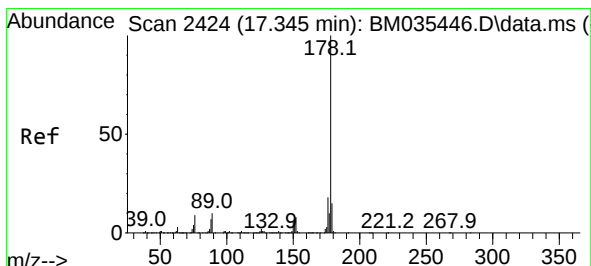
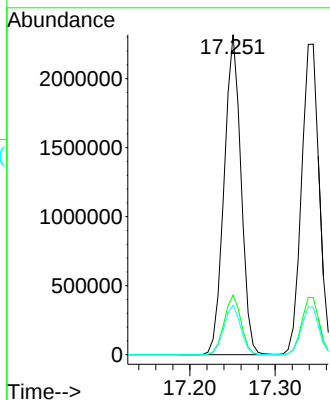
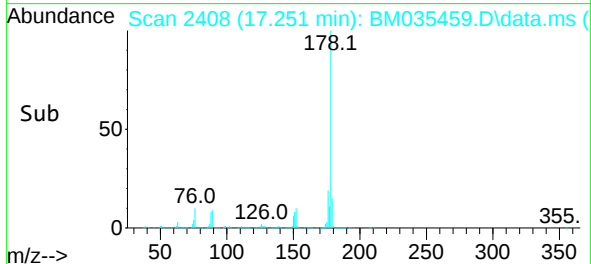
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:178 Resp: 318379
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.5 12.4 18.6

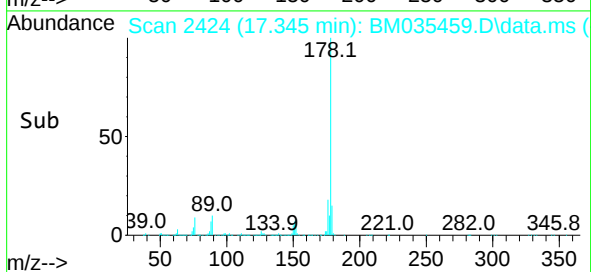
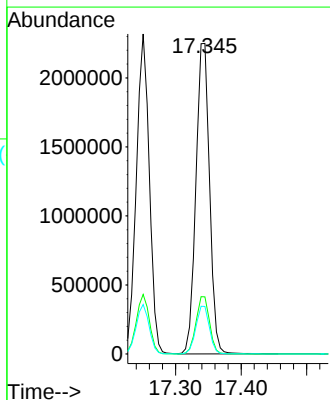
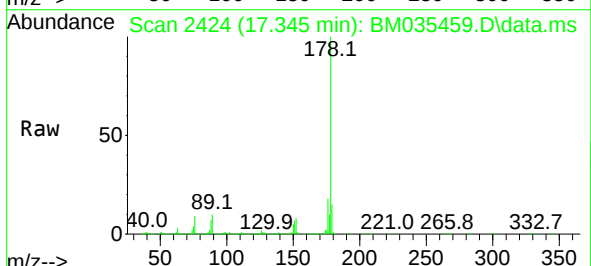
Manual Integrations
APPROVED

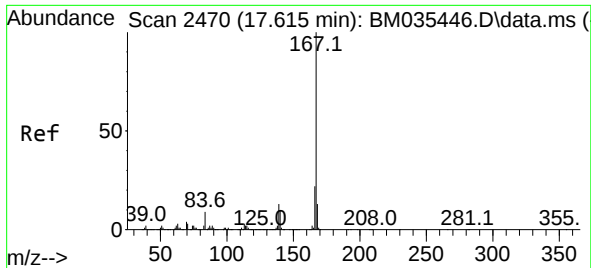
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#72
Anthracene
Concen: 57.425 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

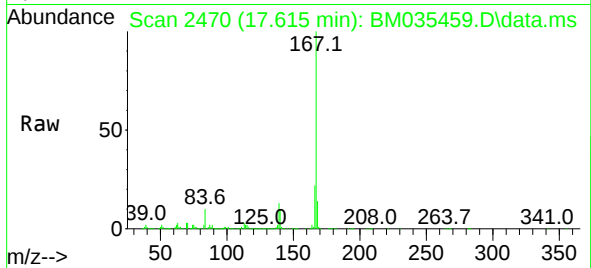
Tgt Ion:178 Resp: 3257133
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 56.909 ng
 RT: 17.615 min Scan# 2470
 Delta R.T. -0.000 min
 Lab File: BM035459.D
 Acq: 13 Jun 2022 16:11

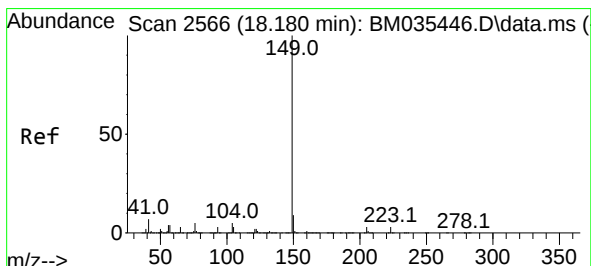
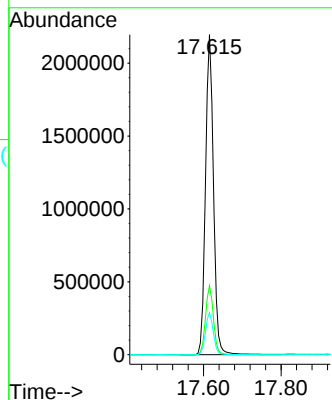
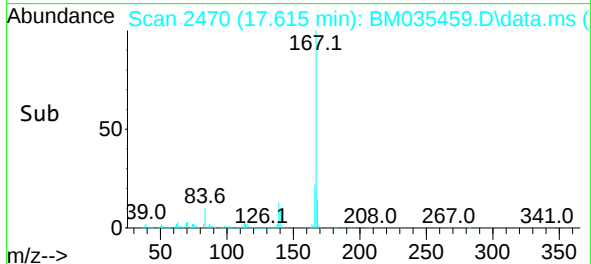
Instrument :
 BNA_M
 ClientSampleId :
 B-220(26-28)MS



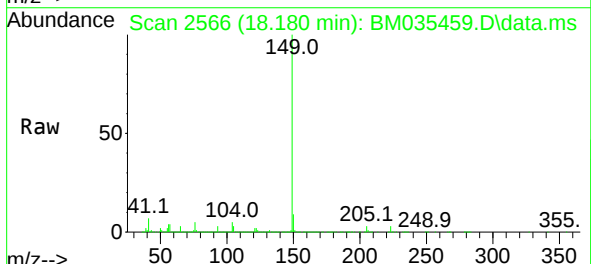
Tgt Ion:167 Resp: 3129798
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 13.1 10.9 16.3

Manual Integrations
 APPROVED

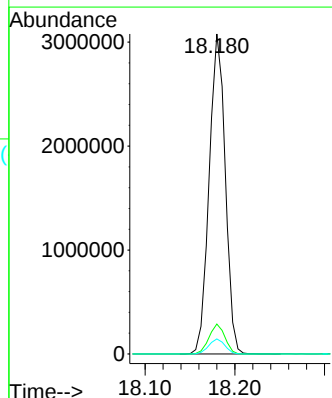
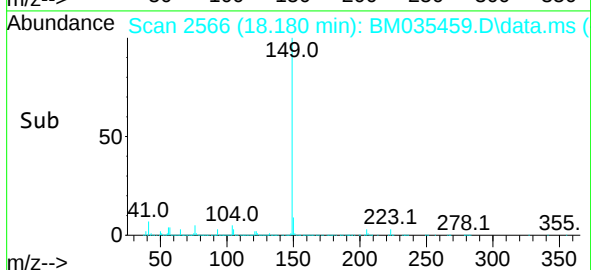
Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022



#74
 Di-n-butylphthalate
 Concen: 58.305 ng
 RT: 18.180 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BM035459.D
 Acq: 13 Jun 2022 16:11



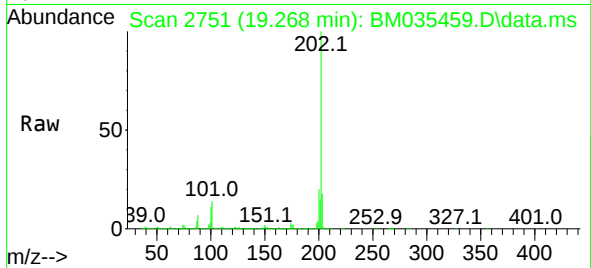
Tgt Ion:149 Resp: 3835268
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.7 4.3 6.5





#75
Fluoranthene
Concen: 61.827 ng
RT: 19.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

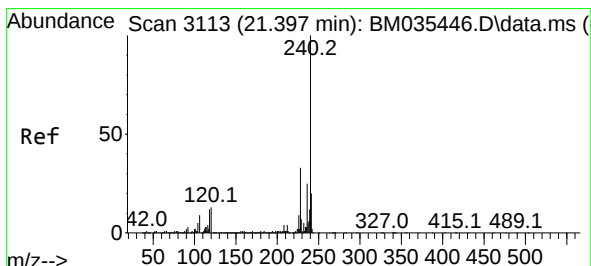
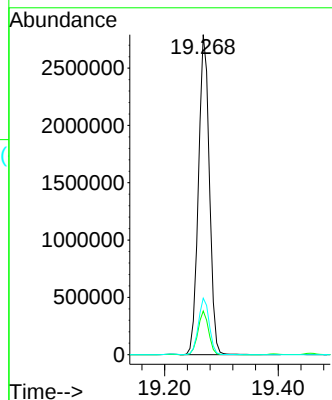
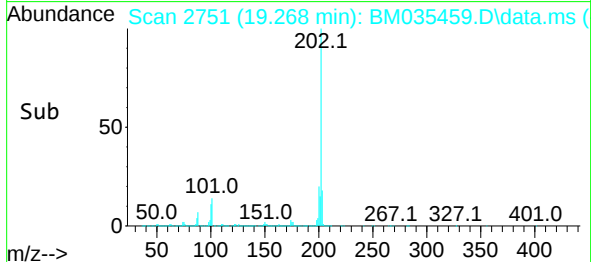
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:202 Resp: 373219
Ion Ratio Lower Upper
202 100
101 13.6 0.0 30.6
203 17.6 0.0 37.4

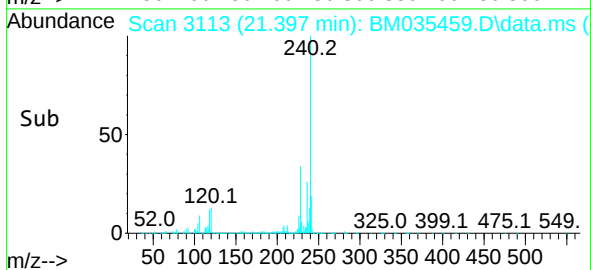
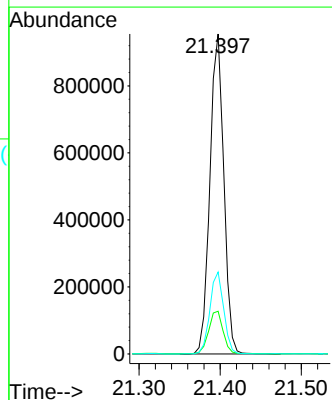
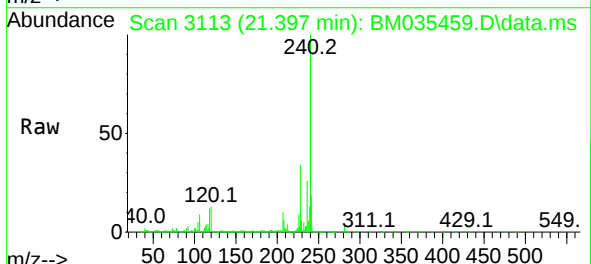
Manual Integrations
APPROVED

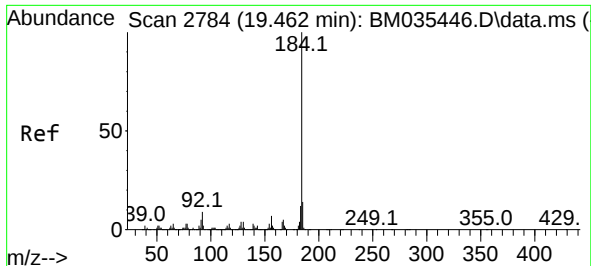
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

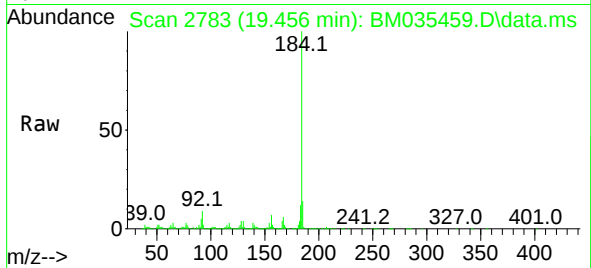
Tgt Ion:240 Resp: 1132797
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.0
236 25.6 20.6 30.8





#77
Benzidine
Concen: 118.117 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

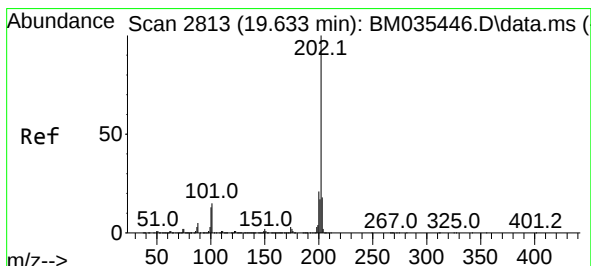
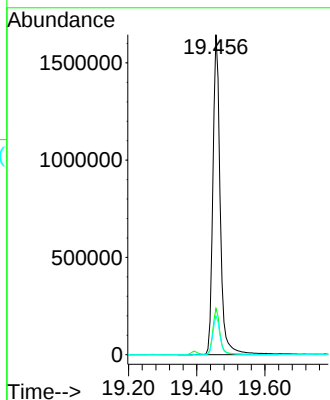
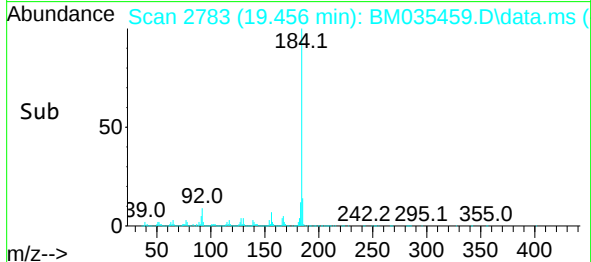
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



Tgt Ion:184 Resp: 245966
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.1 9.5 14.3

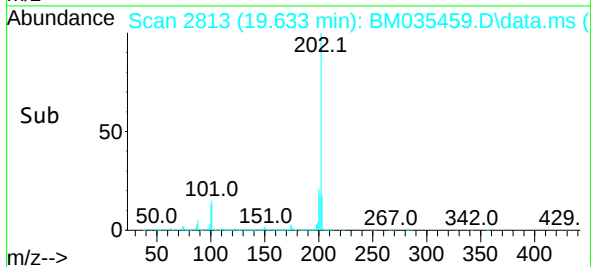
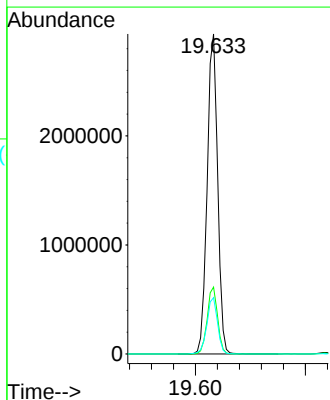
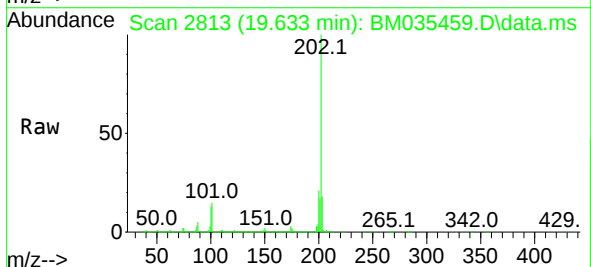
Manual Integrations
APPROVED

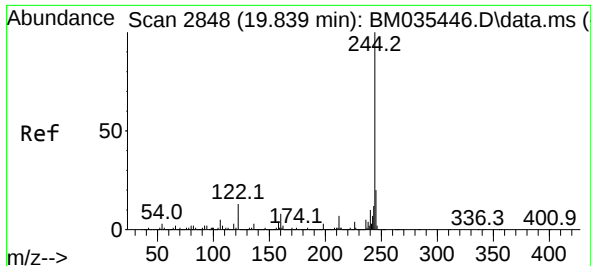
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#78
Pyrene
Concen: 48.621 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

Tgt Ion:202 Resp: 3865870
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 13.9 20.9





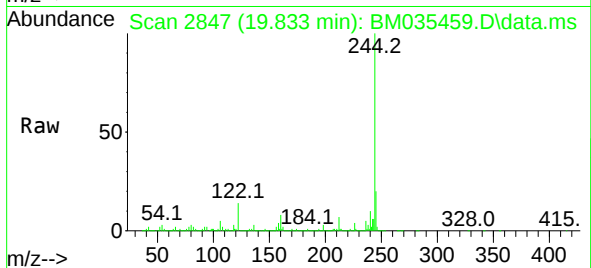
#79
 Terphenyl-d14
 Concen: 84.366 ng
 RT: 19.833 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM035459.D
 Acq: 13 Jun 2022 16:11

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MS

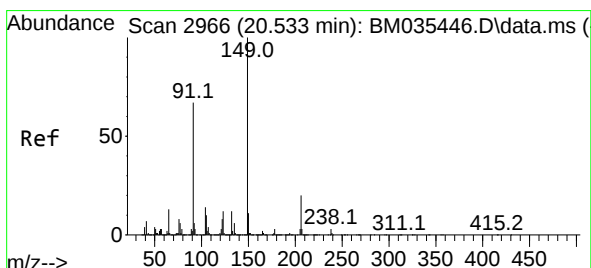
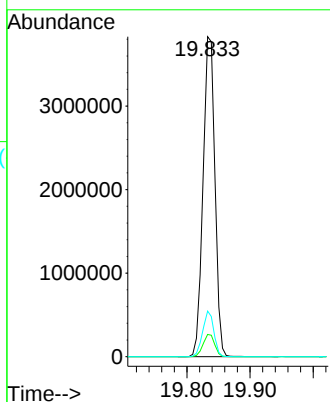
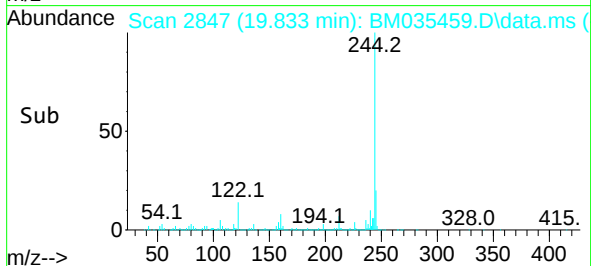


Tgt Ion:244 Resp: 5005350
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 14.2 8.3 12.5

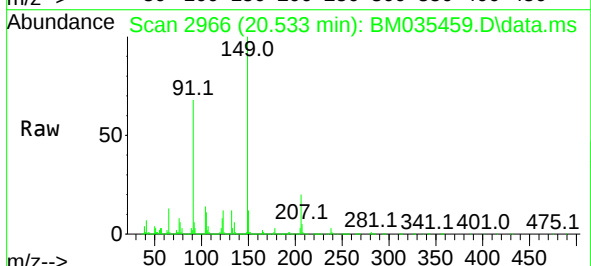
Manual Integrations

APPROVED

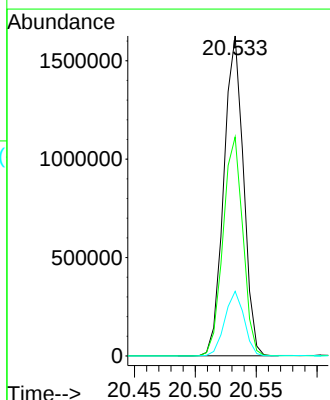
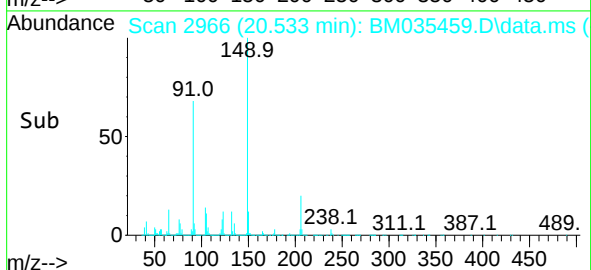
Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022

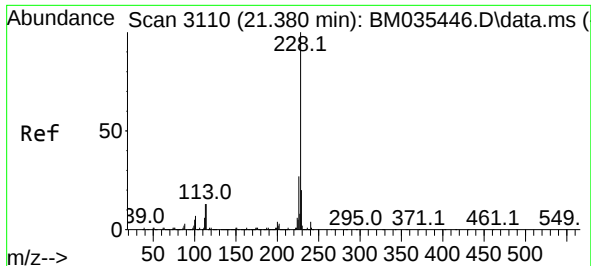


#80
 Butylbenzylphthalate
 Concen: 51.844 ng
 RT: 20.533 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BM035459.D
 Acq: 13 Jun 2022 16:11



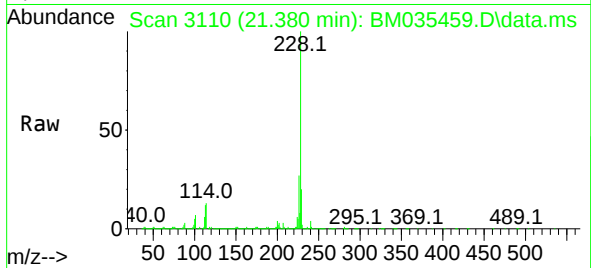
Tgt Ion:149 Resp: 1825982
 Ion Ratio Lower Upper
 149 100
 91 68.5 56.6 85.0
 206 20.2 15.4 23.0





#81
Benzo(a)anthracene
Concen: 55.092 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

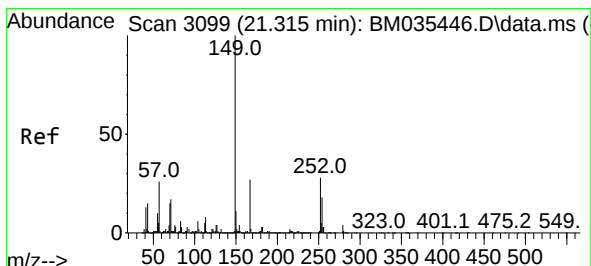
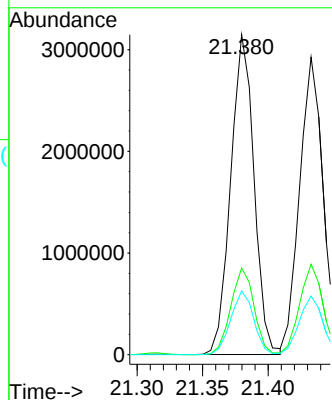
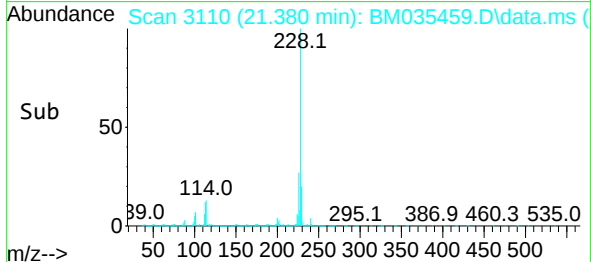
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



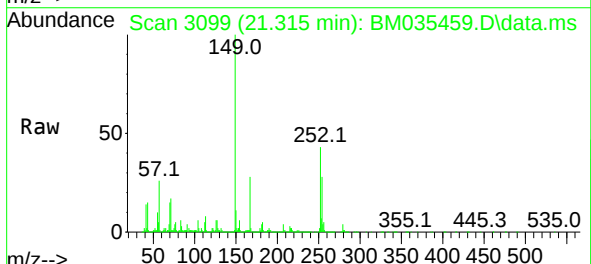
Tgt Ion:228 Resp: 388792
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.9 15.8 23.6

Manual Integrations
APPROVED

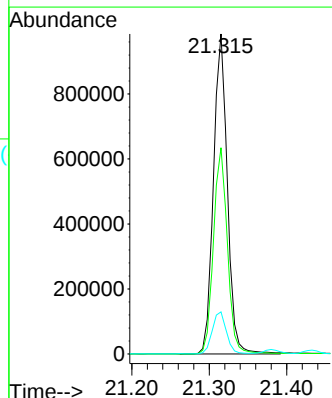
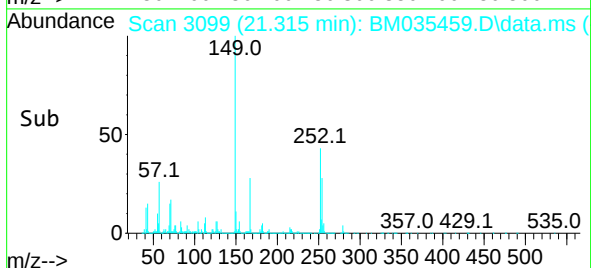
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

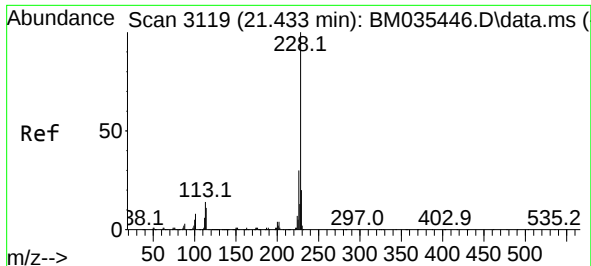


#82
3,3'-Dichlorobenzidine
Concen: 75.456 ng
RT: 21.315 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



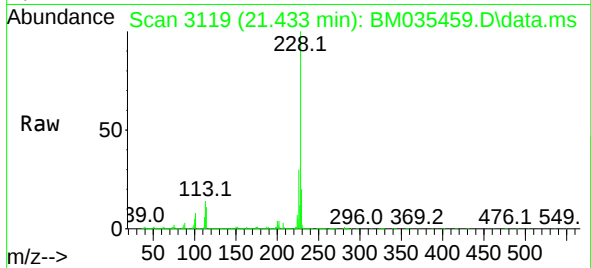
Tgt Ion:252 Resp: 1225917
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 13.2 9.4 14.0





#83
Chrysene
Concen: 53.229 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

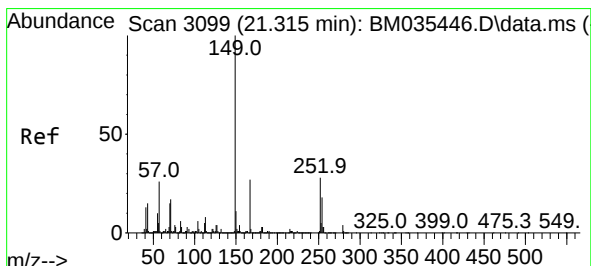
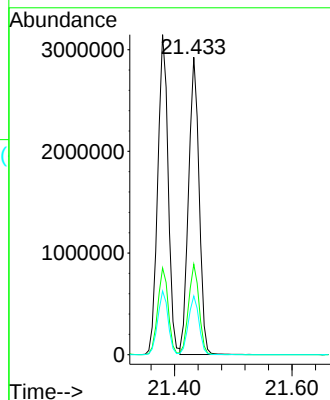
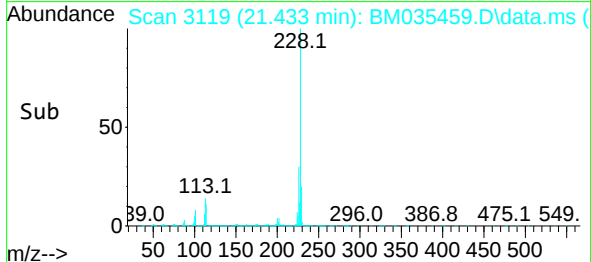
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



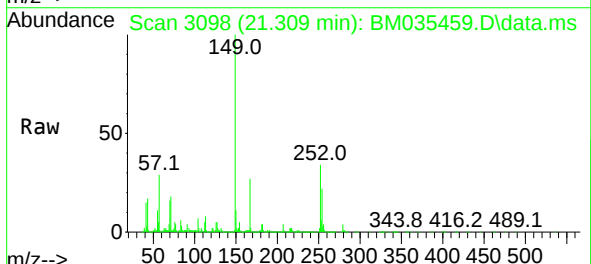
Tgt Ion:228 Resp: 3628409
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 15.8 23.8

Manual Integrations
APPROVED

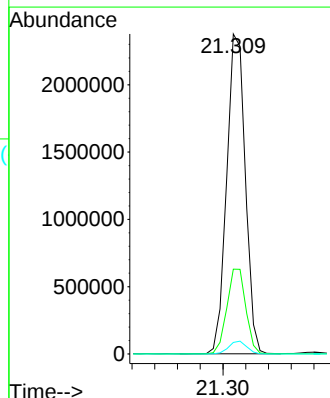
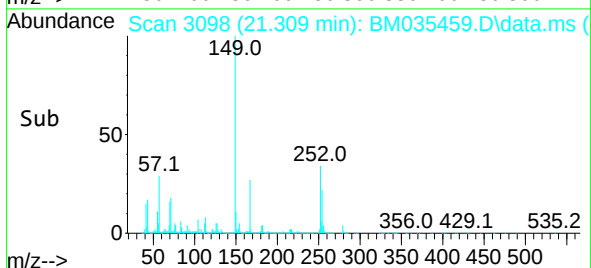
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

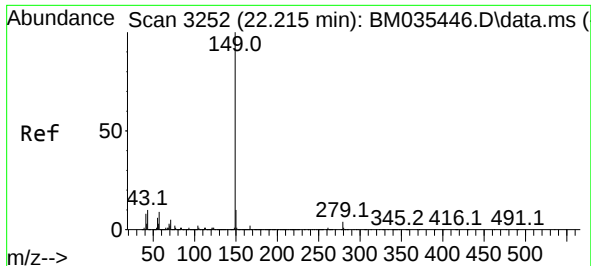


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.588 ng
RT: 21.309 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



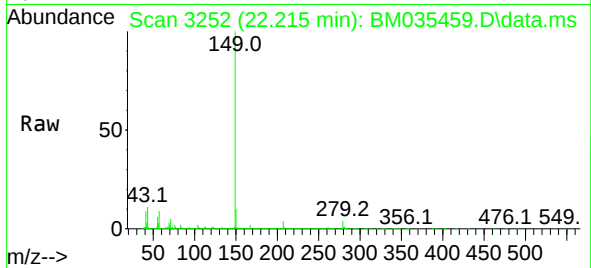
Tgt Ion:149 Resp: 2706949
Ion Ratio Lower Upper
149 100
167 26.5 21.1 31.7
279 3.6 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 58.907 ng
RT: 22.215 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11

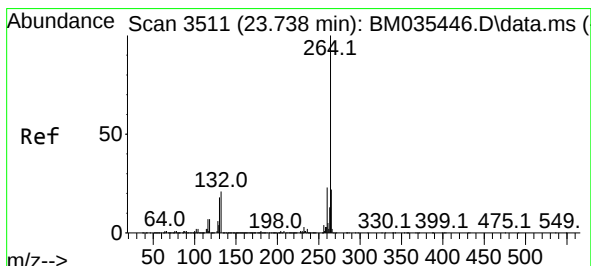
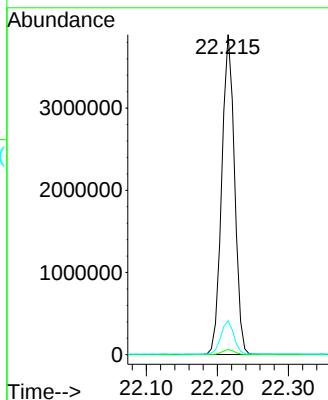
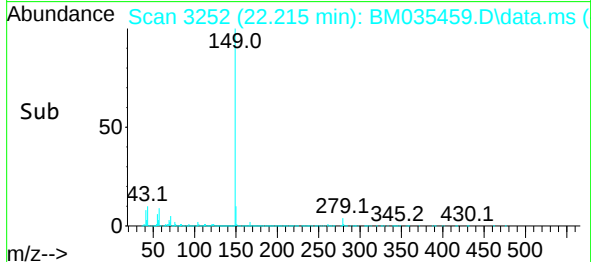
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS



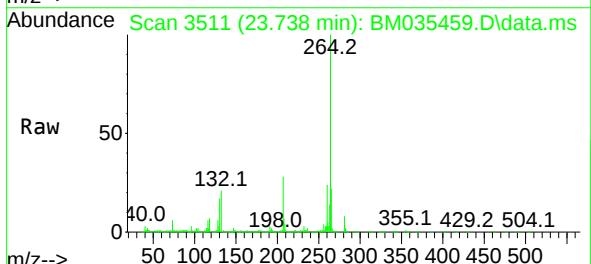
Tgt Ion:149 Resp: 483448
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.6 12.8

Manual Integrations
APPROVED

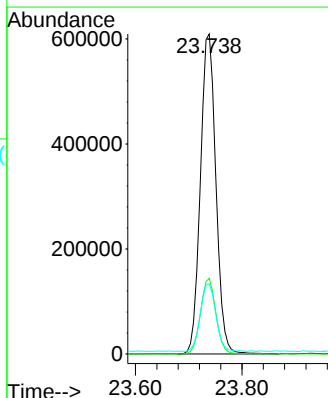
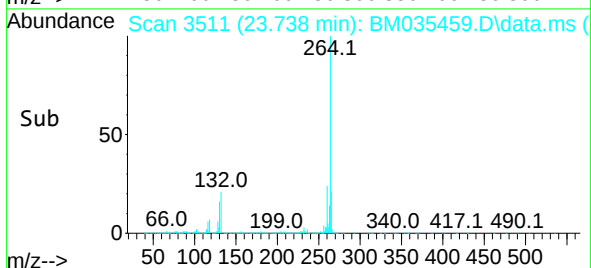
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

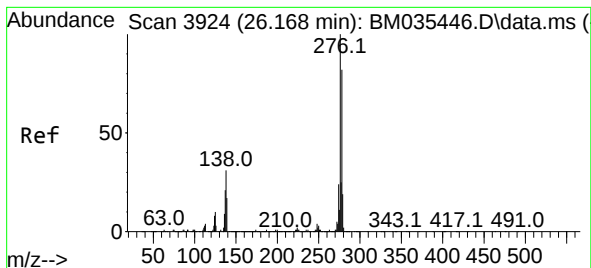


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.738 min Scan# 3511
Delta R.T. -0.000 min
Lab File: BM035459.D
Acq: 13 Jun 2022 16:11



Tgt Ion:264 Resp: 1230415
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.666 ng

RT: 26.174 min Scan# 3924

Delta R.T. 0.006 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MS

Tgt Ion:276 Resp: 447662

Ion Ratio Lower Upper

276 100

138 31.0 20.2 30.4

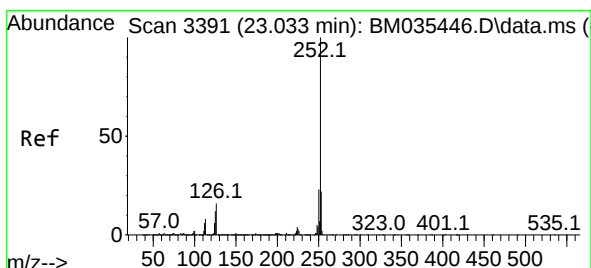
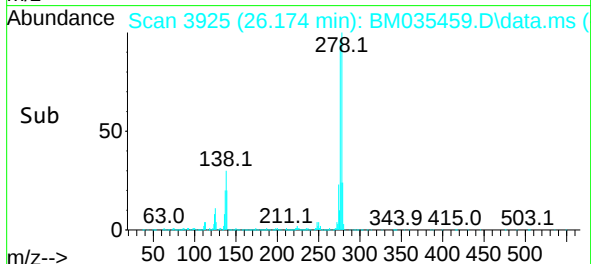
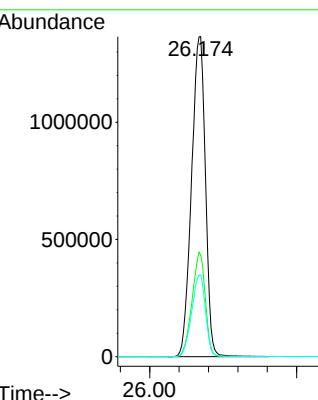
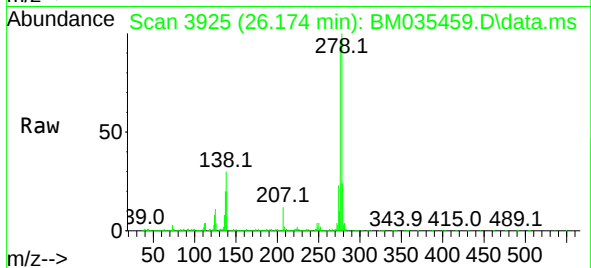
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#88

Benzo(b)fluoranthene

Concen: 55.642 ng

RT: 23.027 min Scan# 3390

Delta R.T. -0.006 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

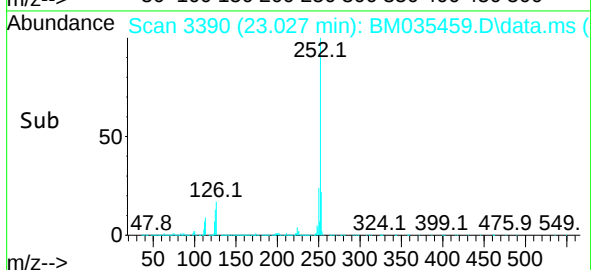
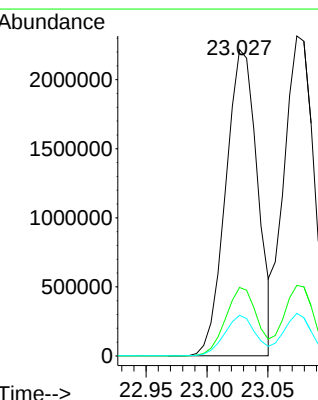
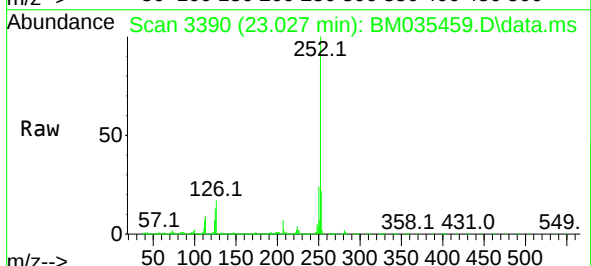
Tgt Ion:252 Resp: 4032636

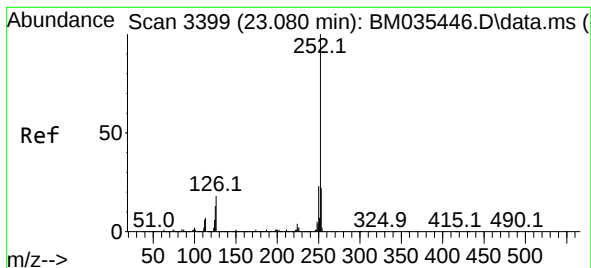
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 13.2 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 54.495 ng

RT: 23.074 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MS

Tgt Ion:252 Resp: 399836

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

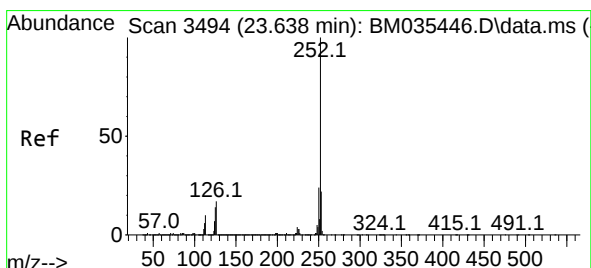
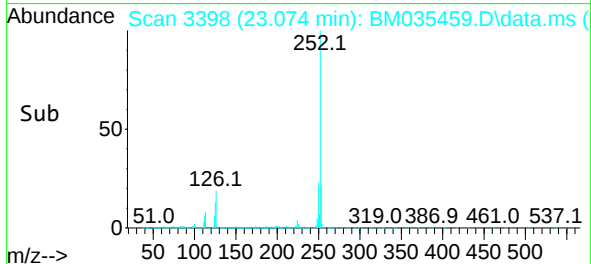
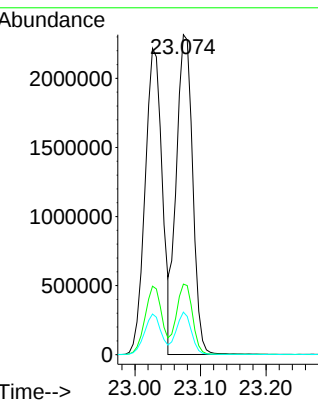
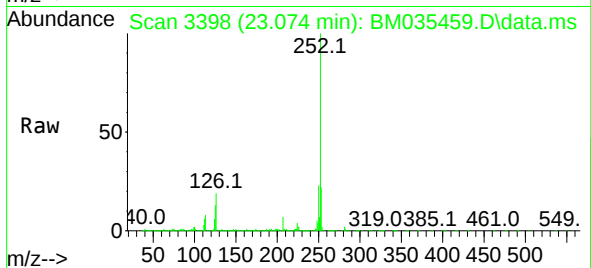
125 13.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#90

Benzo(a)pyrene

Concen: 64.280 ng

RT: 23.638 min Scan# 3494

Delta R.T. -0.000 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

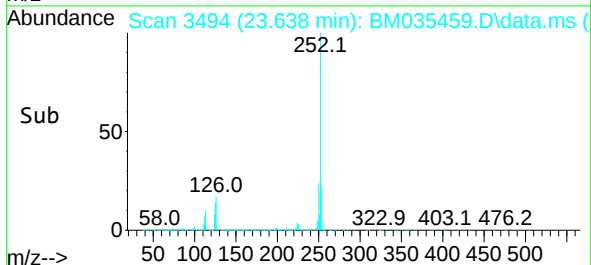
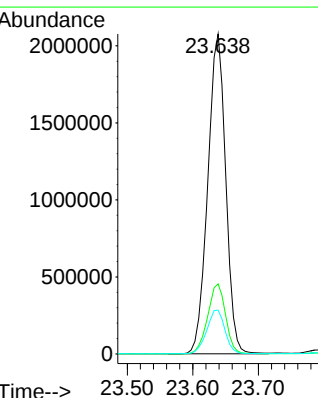
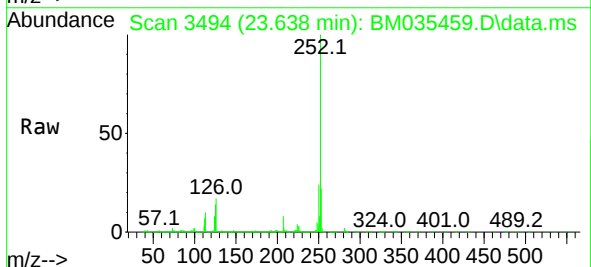
Tgt Ion:252 Resp: 3930463

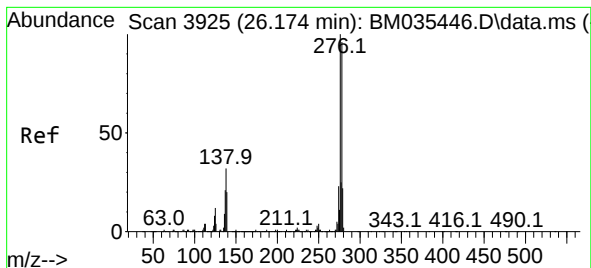
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 13.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 55.369 ng

RT: 26.179 min Scan# 3925

Delta R.T. 0.006 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MS

Tgt Ion:278 Resp: 389346

Ion Ratio Lower Upper

278 100

139 19.0 12.9 19.3

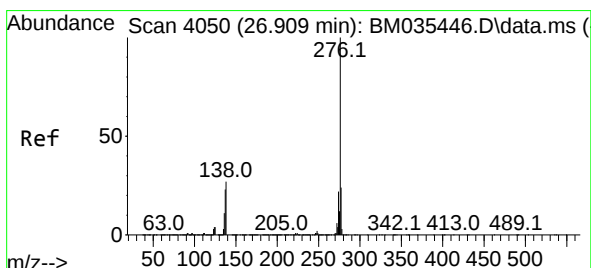
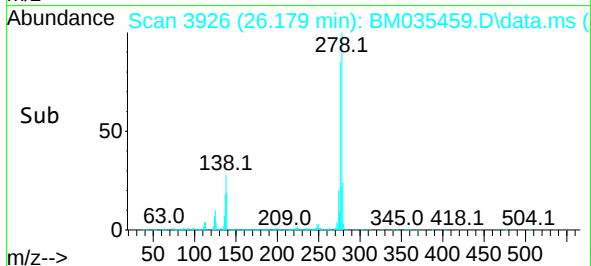
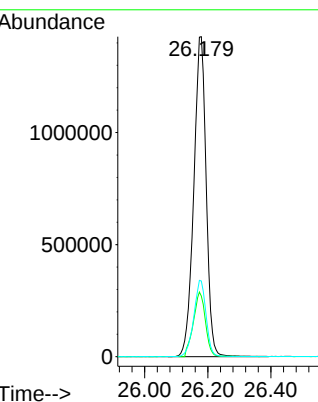
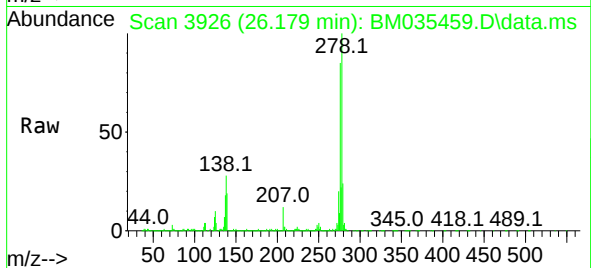
279 23.7 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#92

Benzo(g,h,i)perylene

Concen: 56.191 ng

RT: 26.909 min Scan# 4050

Delta R.T. 0.000 min

Lab File: BM035459.D

Acq: 13 Jun 2022 16:11

Tgt Ion:276 Resp: 3930313

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 26.6 17.6 26.4#

