

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061322\
 Data File : BM035460.D
 Acq On : 13 Jun 2022 16:48
 Operator : CG/JU
 Sample : N3331-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 14 04:30:14 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	211634	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	849789	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	467085	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	907735	20.000	ng	# 0.00
76) Chrysene-d12	21.398	240	941720	20.000	ng	0.00
86) Perylene-d12	23.739	264	1141438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1837395	147.227	ng	0.00
7) Phenol-d6	7.004	99	2404349	139.025	ng	0.00
23) Nitrobenzene-d5	8.981	82	1442732	92.261	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	731145	147.027	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3044716	93.125	ng	0.00
79) Terphenyl-d14	19.833	244	4085520	82.834	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	217046	45.597	ng	94
3) Pyridine	3.705	79	610884	45.887	ng	96
4) n-Nitrosodimethylamine	3.616	42	339201	55.202	ng	82
6) Aniline	7.146	93	1045311	55.919	ng	99
8) 2-Chlorophenol	7.387	128	798648	55.747	ng	98
9) Benzaldehyde	6.963	77	387438	44.625	ng	94
10) Phenol	7.034	94	952767	56.711	ng	93
11) bis(2-Chloroethyl)ether	7.245	93	700380	52.010	ng	99
12) 1,3-Dichlorobenzene	7.704	146	816192	53.407	ng	97
13) 1,4-Dichlorobenzene	7.851	146	832734	53.225	ng	99
14) 1,2-Dichlorobenzene	8.169	146	797094	52.198	ng	98
15) Benzyl Alcohol	8.069	79	637469m	55.022	ng	
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1145763	48.989	ng	98
17) 2-Methylphenol	8.275	107	632411	54.853	ng	96
18) Hexachloroethane	8.892	117	298200	53.145	ng	96
19) n-Nitroso-di-n-propyla...	8.634	70	542082	49.866	ng	97
20) 3+4-Methylphenols	8.610	107	852602	52.756	ng	97
22) Acetophenone	8.645	105	1098936	53.393	ng	# 98
24) Nitrobenzene	9.022	77	794637	55.499	ng	96
25) Isophorone	9.557	82	1432696	56.337	ng	98
26) 2-Nitrophenol	9.734	139	412172	56.250	ng	93
27) 2,4-Dimethylphenol	9.804	122	701433	65.324	ng	99
28) bis(2-Chloroethoxy)met...	10.034	93	910747	51.471	ng	99
29) 2,4-Dichlorophenol	10.281	162	672551	56.206	ng	98
30) 1,2,4-Trichlorobenzene	10.481	180	700840	52.685	ng	98
31) Naphthalene	10.663	128	2277685	53.511	ng	99
32) Benzoic acid	9.992	122	522608	51.736	ng	94
33) 4-Chloroaniline	10.786	127	781908	45.149	ng	97
34) Hexachlorobutadiene	10.951	225	389654	52.050	ng	98
35) Caprolactam	11.592	113	222203	54.786	ng	90
36) 4-Chloro-3-methylphenol	11.928	107	718147	52.939	ng	98
37) 2-Methylnaphthalene	12.280	142	1538706	52.493	ng	97
38) 1-Methylnaphthalene	12.498	142	1479717	51.649	ng	100
40) 1,2,4,5-Tetrachloroben...	12.657	216	721563	54.813	ng	99
41) Hexachlorocyclopentadiene	12.633	237	644088	120.364	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	496881	55.027	ng	100

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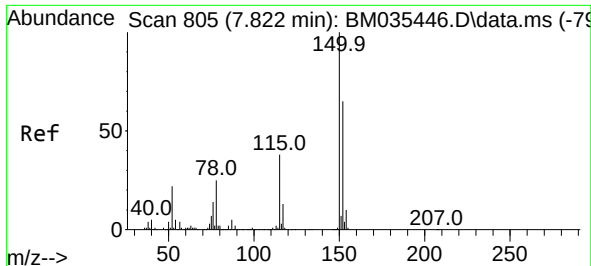
Quant Time: Jun 14 04:30:14 2022
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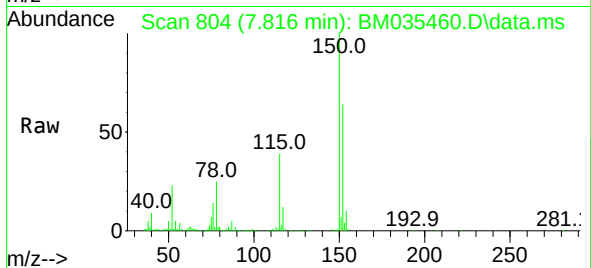
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	539316	55.364	ng	98
46) 1,1'-Biphenyl	13.298	154	1959057	53.853	ng	99
47) 2-Chloronaphthalene	13.339	162	1490734	54.489	ng	98
48) 2-Nitroaniline	13.551	65	474521	57.297	ng	98
49) Acenaphthylene	14.180	152	2450622	57.186	ng	99
50) Dimethylphthalate	13.927	163	1772287	51.562	ng	99
51) 2,6-Dinitrotoluene	14.045	165	405520	56.360	ng	92
52) Acenaphthene	14.527	154	1386565	55.546	ng	99
53) 3-Nitroaniline	14.380	138	366519	47.465	ng	98
54) 2,4-Dinitrophenol	14.598	184	466104	100.929	ng	89
55) Dibenzofuran	14.863	168	2165999	54.159	ng	96
56) 4-Nitrophenol	14.710	139	724734	116.170	ng	85
57) 2,4-Dinitrotoluene	14.839	165	552444	60.462	ng	96
58) Fluorene	15.510	166	1725869	55.240	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	430751	55.602	ng	95
60) Diethylphthalate	15.292	149	1785992	53.095	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	807179	53.390	ng	99
62) 4-Nitroaniline	15.545	138	450410	60.270	ng	87
63) Azobenzene	15.798	77	1671764	52.472	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	290460	50.822	ng	97
66) n-Nitrosodiphenylamine	15.721	169	1510245	55.870	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	492607	52.595	ng	97
68) Hexachlorobenzene	16.521	284	553359	54.040	ng	94
69) Atrazine	16.680	200	499776	60.904	ng	98
70) Pentachlorophenol	16.868	266	690953	128.148	ng	99
71) Phenanthrene	17.251	178	2645097	54.905	ng	99
72) Anthracene	17.339	178	2699818	57.436	ng	99
73) Carbazole	17.615	167	2556036	56.080	ng	99
74) Di-n-butylphthalate	18.180	149	3103548	56.931	ng	99
75) Fluoranthene	19.268	202	3017793	60.323	ng	97
77) Benzidine	19.456	184	2159707	124.756	ng	100
78) Pyrene	19.627	202	3148355	47.631	ng	100
80) Butylbenzylphthalate	20.533	149	1405836	48.014	ng	95
81) Benzo(a)anthracene	21.380	228	3189999	54.374	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	1055110	78.120	ng	99
83) Chrysene	21.433	228	3032582	53.515	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	2099737	50.001	ng	100
85) Di-n-octyl phthalate	22.215	149	3834696	56.205	ng	98
87) Indeno(1,2,3-cd)pyrene	26.168	276	4283194	54.318	ng	# 93
88) Benzo(b)fluoranthene	23.027	252	3661465	54.459	ng	# 96
89) Benzo(k)fluoranthene	23.074	252	3590164	52.745	ng	# 97
90) Benzo(a)pyrene	23.639	252	3619342	63.806	ng	# 96
91) Dibenzo(a,h)anthracene	26.174	278	3739226	57.321	ng	# 95
92) Benzo(g,h,i)perylene	26.909	276	3734717	57.557	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

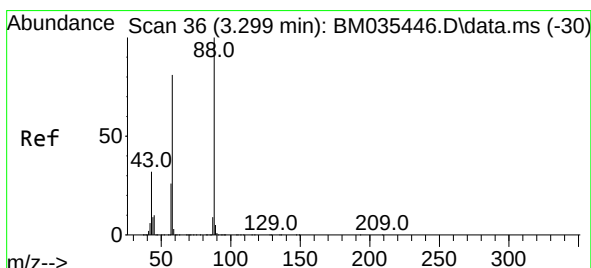
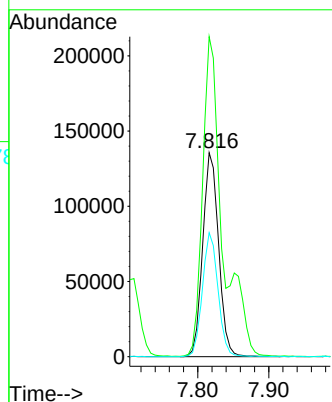
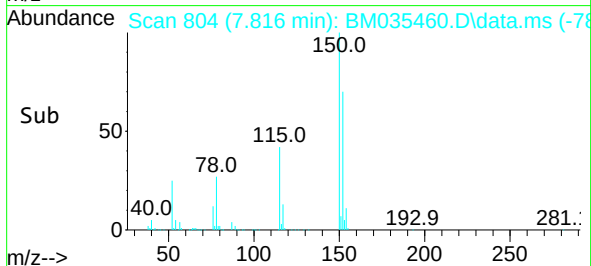
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



Tgt Ion:152 Resp: 211634
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 60.8 47.9 71.9

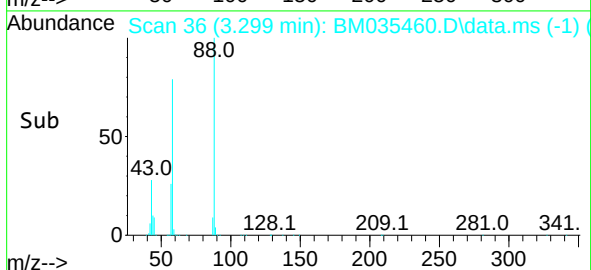
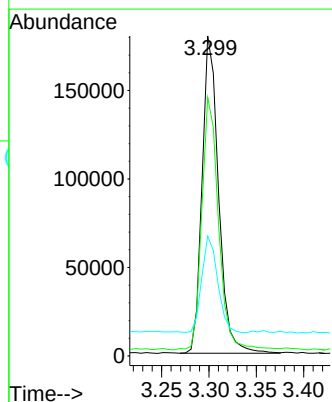
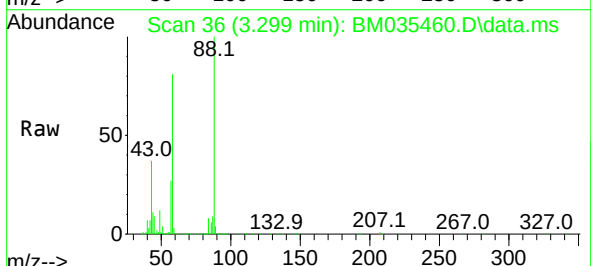
Manual Integrations
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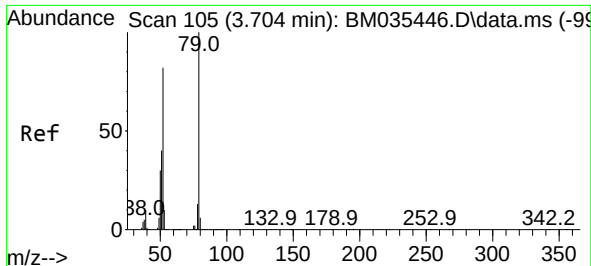
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#2
1,4-Dioxane
Concen: 45.597 ng
RT: 3.299 min Scan# 36
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

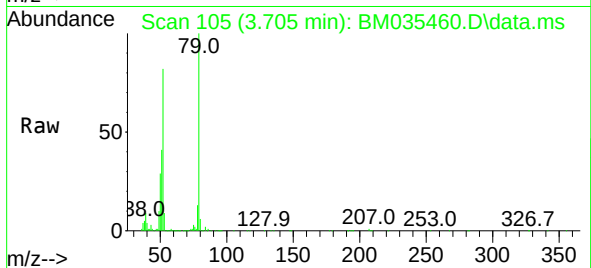
Tgt Ion: 88 Resp: 217046
Ion Ratio Lower Upper
88 100
58 80.8 62.3 93.5
43 29.3 28.7 43.1





#3
Pyridine
Concen: 45.887 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

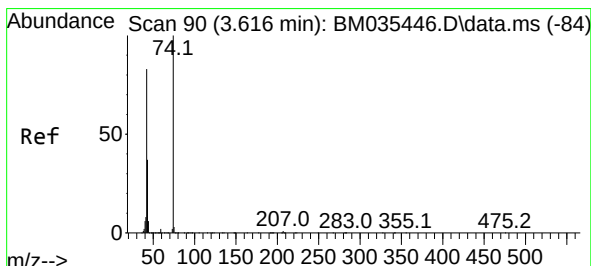
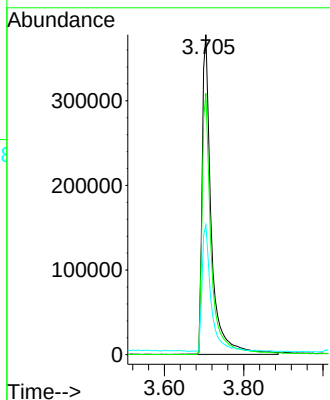
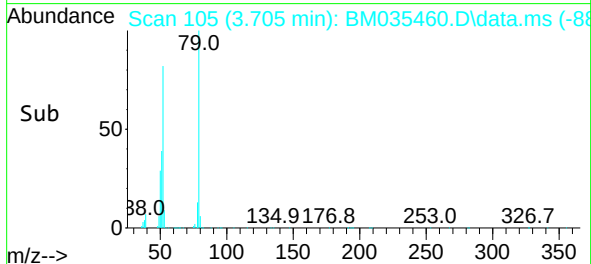
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



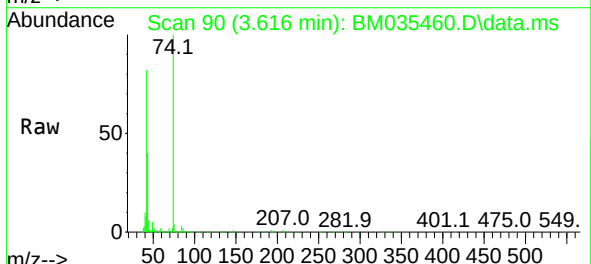
Tgt Ion: 79 Resp: 610884
Ion Ratio Lower Upper
79 100
52 81.7 61.9 92.9
51 40.6 33.5 50.3

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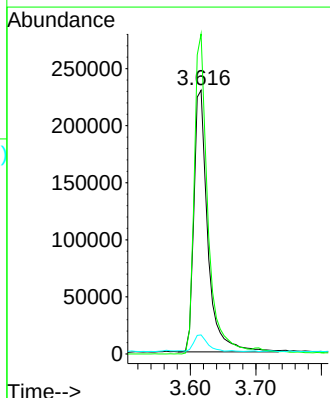
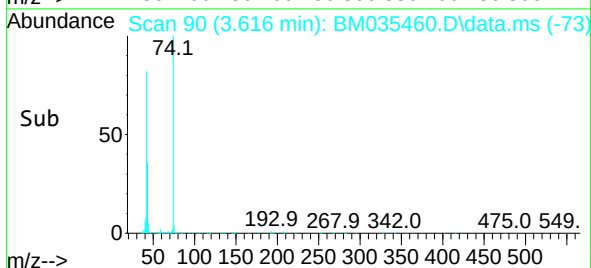
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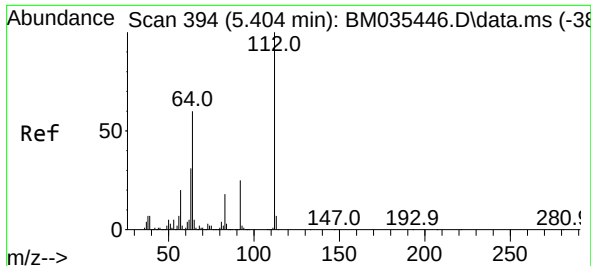


#4
n-Nitrosodimethylamine
Concen: 55.202 ng
RT: 3.616 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



Tgt Ion: 42 Resp: 339201
Ion Ratio Lower Upper
42 100
74 121.4 81.6 122.4
44 7.2 5.2 7.8





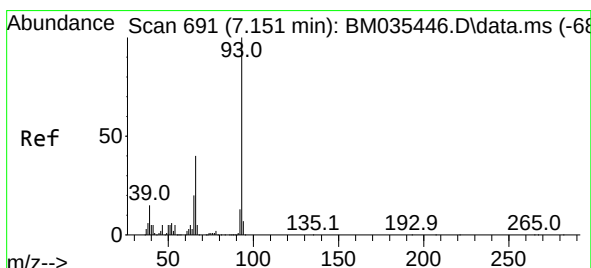
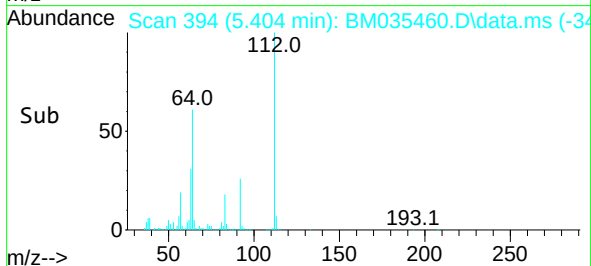
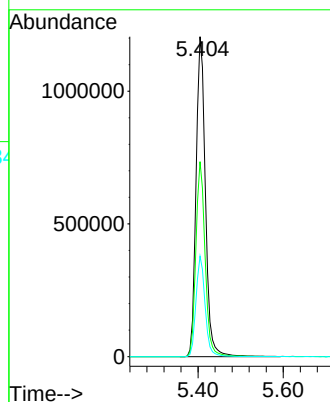
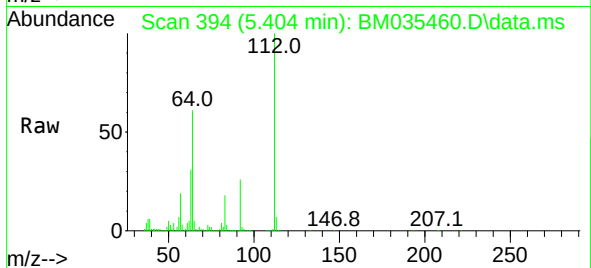
#5
2-Fluorophenol
Concen: 147.227 ng
RT: 5.404 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

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

Tgt Ion: 112 Resp: 183739
Ion Ratio Lower Upper
112 100
64 60.9 47.8 71.6
63 31.4 26.6 40.0

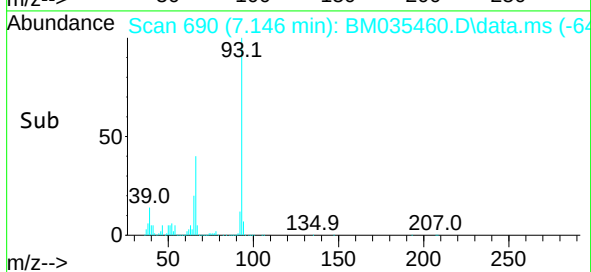
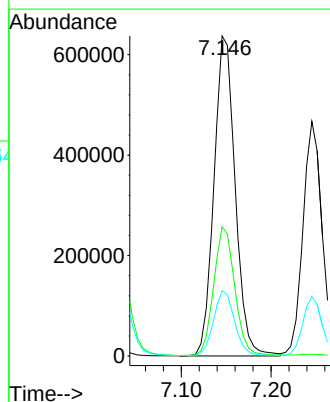
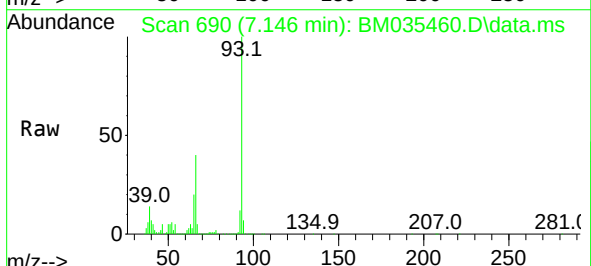
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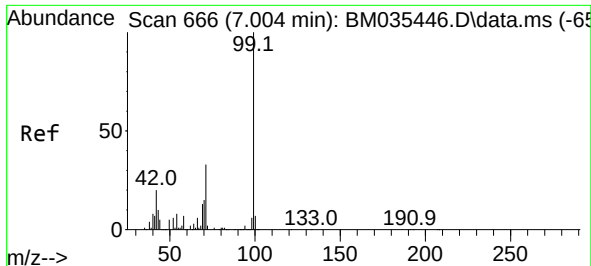
Reviewed By :Christian Giraldo 06/14/2022
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#6
Aniline
Concen: 55.919 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

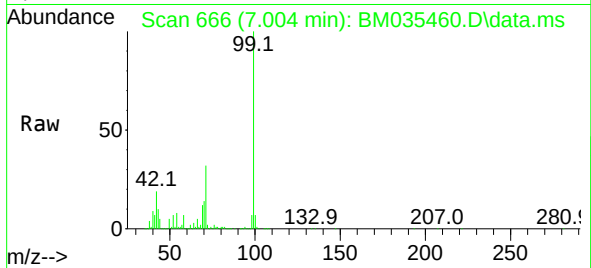
Tgt Ion: 93 Resp: 1045311
Ion Ratio Lower Upper
93 100
66 40.4 32.6 49.0
65 20.3 16.8 25.2





#7
Phenol-d6
Concen: 139.025 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

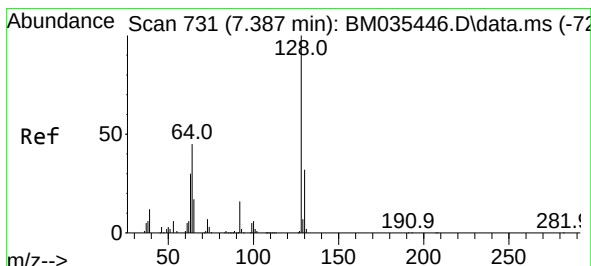
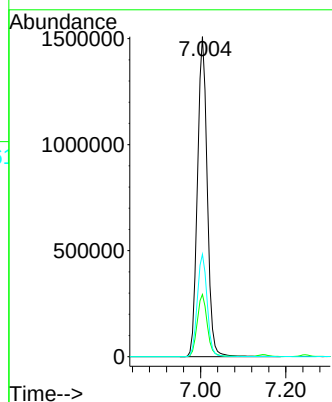
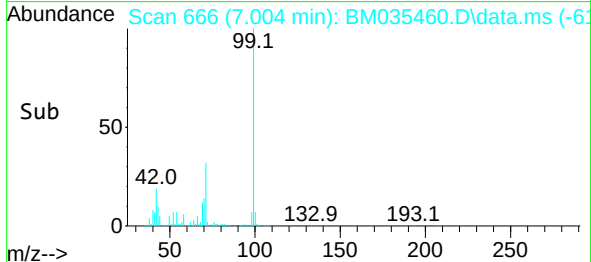
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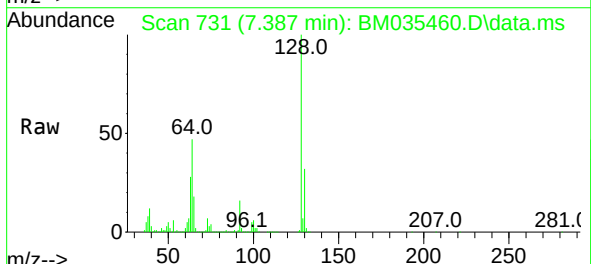
Tgt Ion: 99 Resp: 2404349
Ion Ratio Lower Upper
99 100
42 19.4 18.8 28.2
71 32.0 30.2 45.2

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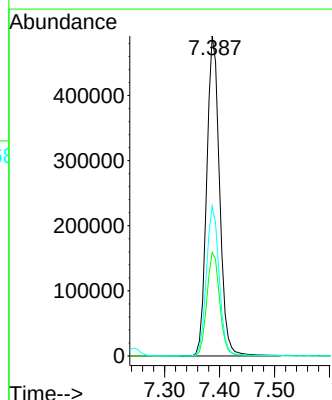
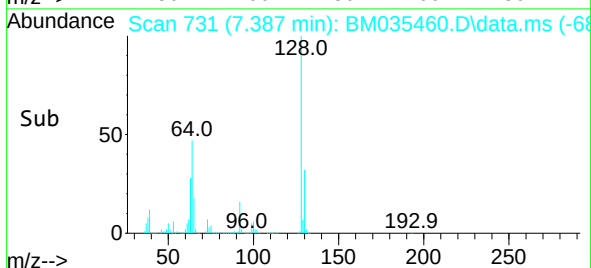
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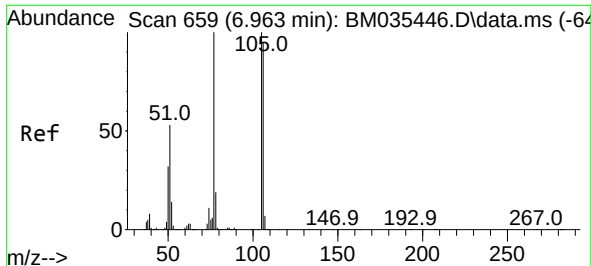


#8
2-Chlorophenol
Concen: 55.747 ng
RT: 7.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



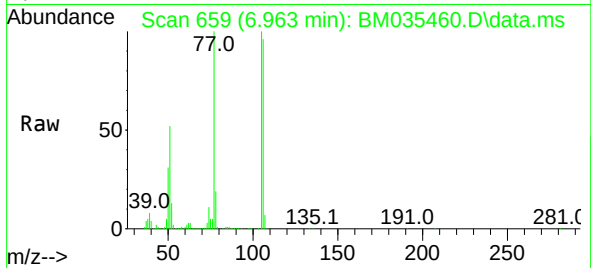
Tgt Ion:128 Resp: 798648
Ion Ratio Lower Upper
128 100
130 32.3 10.9 50.9
64 46.9 28.2 68.2





#9
Benzaldehyde
Concen: 44.625 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

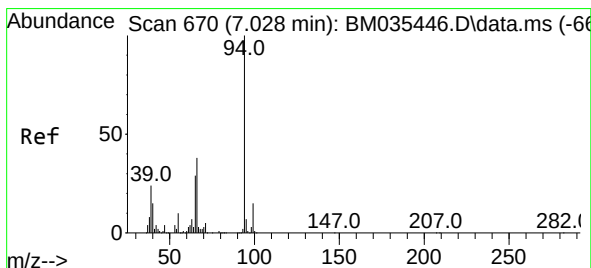
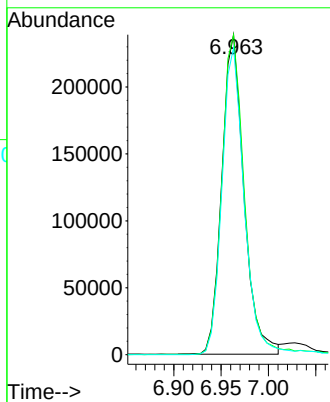
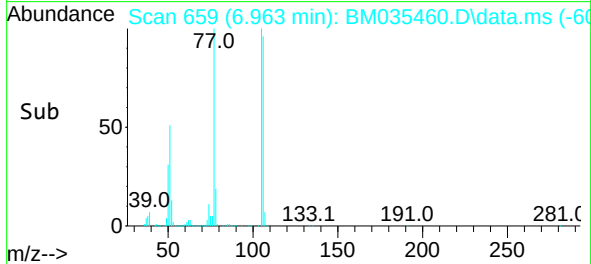
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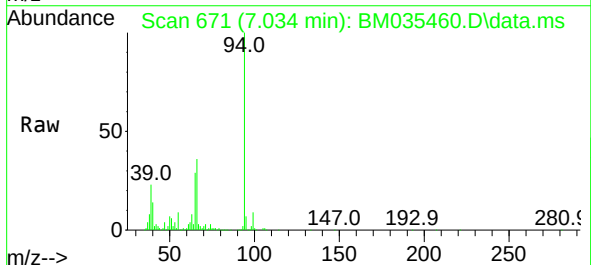
Tgt Ion: 77 Resp: 387438
Ion Ratio Lower Upper
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105 99.9 76.3 116.3
106 96.0 69.0 109.0

Manual Integrations
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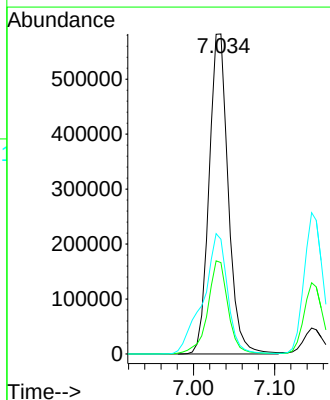
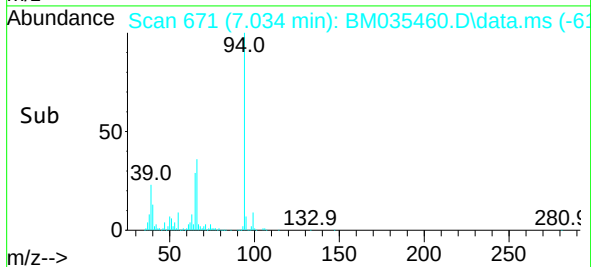
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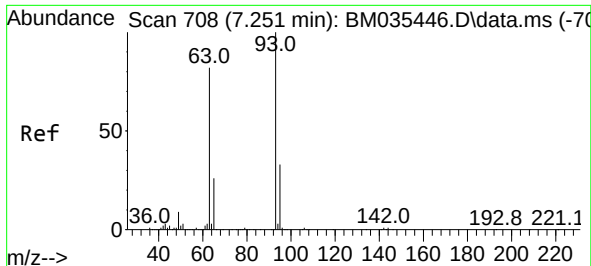


#10
Phenol
Concen: 56.711 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



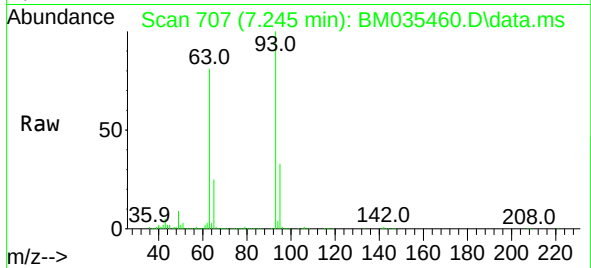
Tgt Ion: 94 Resp: 952767
Ion Ratio Lower Upper
94 100
65 28.5 11.4 51.4
66 35.9 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 52.010 ng
RT: 7.245 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

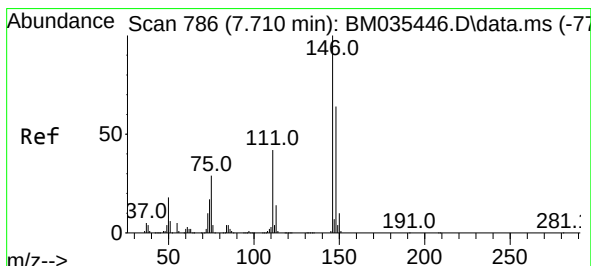
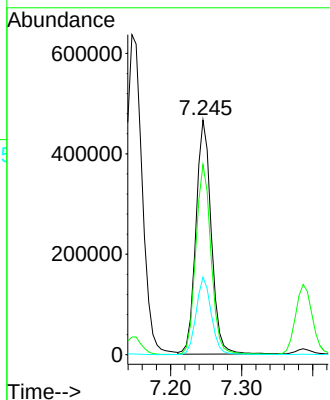
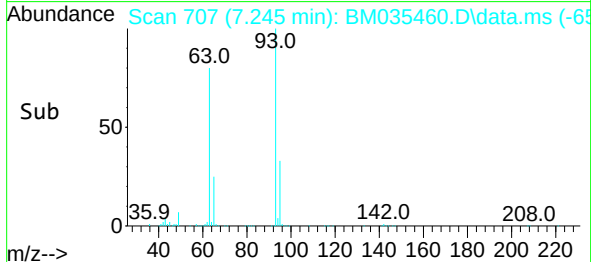
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



Tgt Ion: 93 Resp: 700380
Ion Ratio Lower Upper
93 100
63 81.1 60.6 100.6
95 33.0 13.2 53.2

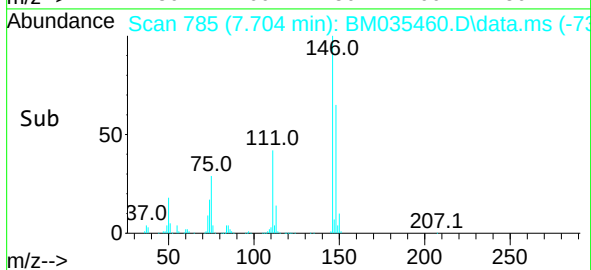
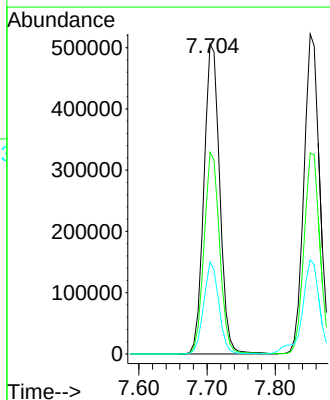
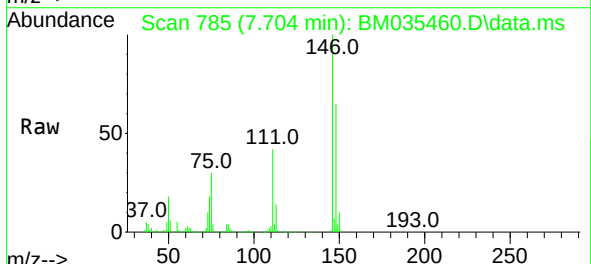
Manual Integrations
APPROVED

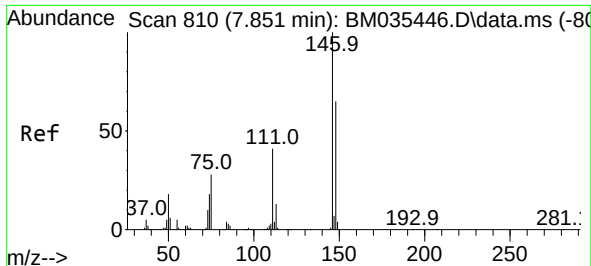
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#12
1,3-Dichlorobenzene
Concen: 53.407 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

Tgt Ion:146 Resp: 816192
Ion Ratio Lower Upper
146 100
148 65.1 50.7 76.1
75 29.6 26.1 39.1





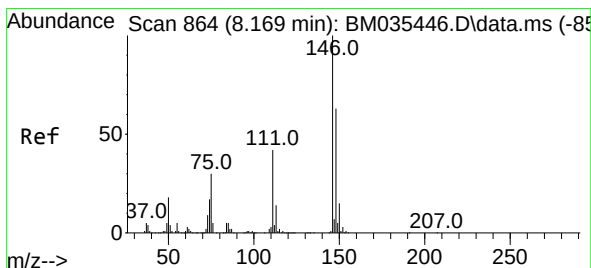
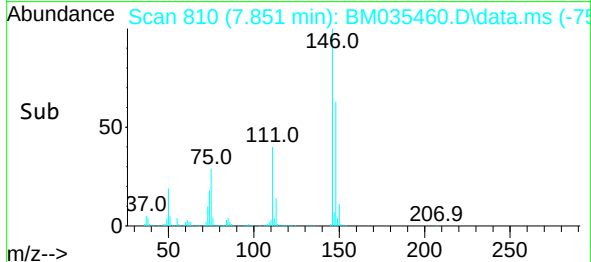
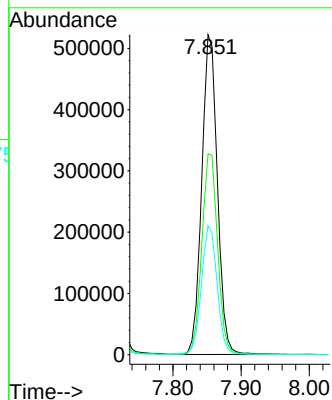
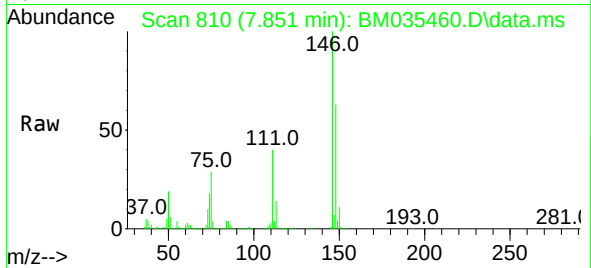
#13
1,4-Dichlorobenzene
Concen: 53.225 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

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

Tgt Ion:146 Resp: 832734
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
111 40.3 32.5 48.7

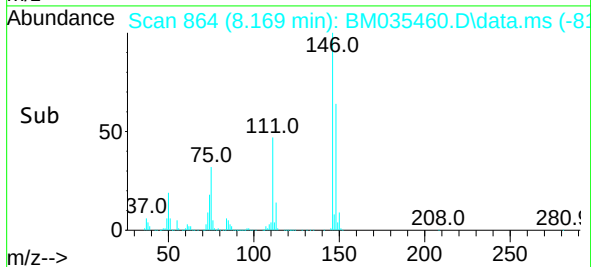
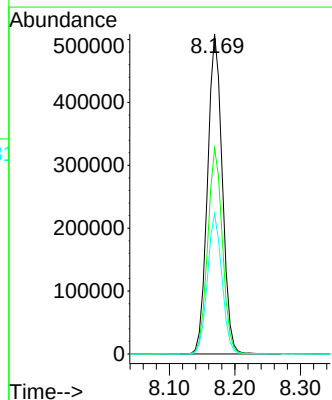
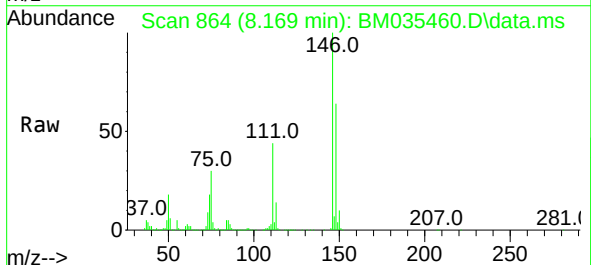
Manual Integrations
APPROVED

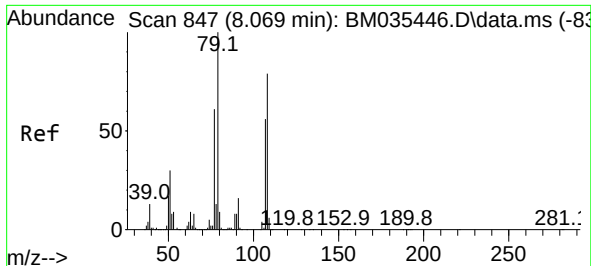
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#14
1,2-Dichlorobenzene
Concen: 52.198 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

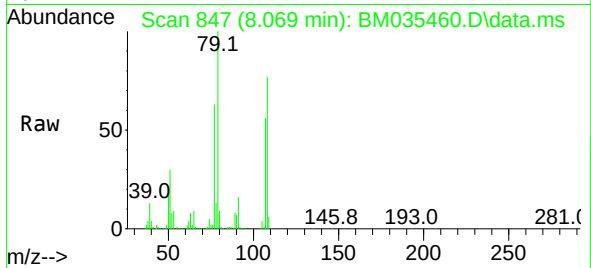
Tgt Ion:146 Resp: 797094
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
111 43.8 33.9 50.9





#15
Benzyl Alcohol
Concen: 55.022 ng m
RT: 8.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

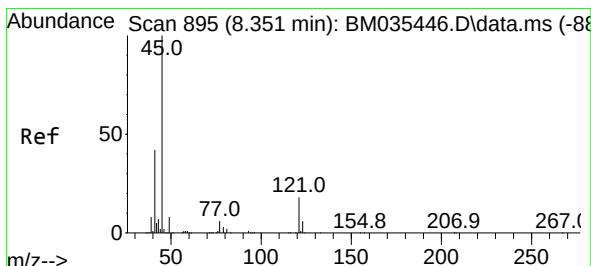
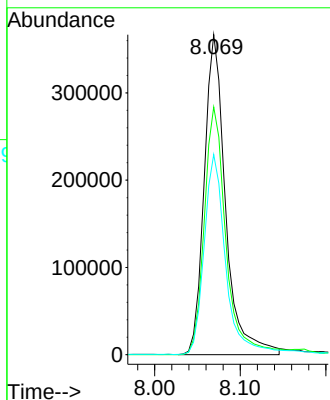
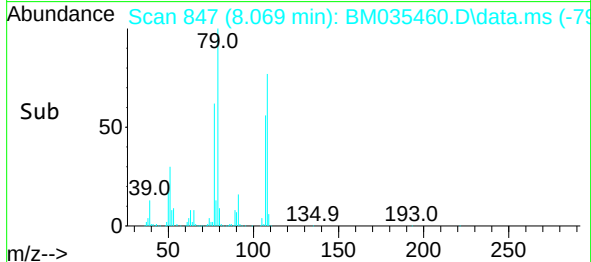
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



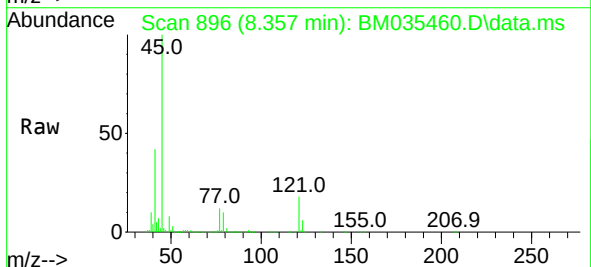
Tgt Ion: 79 Resp: 637469
Ion Ratio Lower Upper
79 100
108 77.4 59.0 88.4
77 62.5 52.2 78.4

Manual Integrations
APPROVED

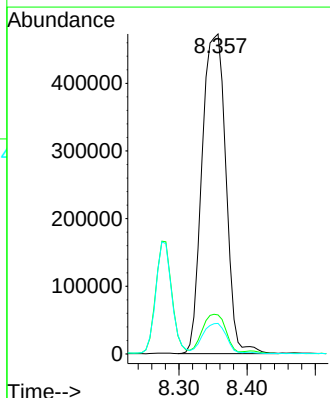
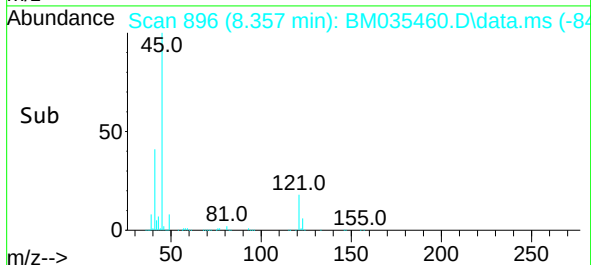
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

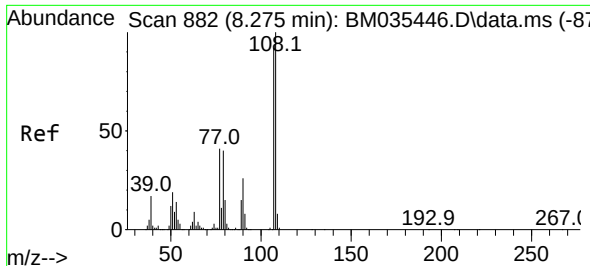


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.989 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



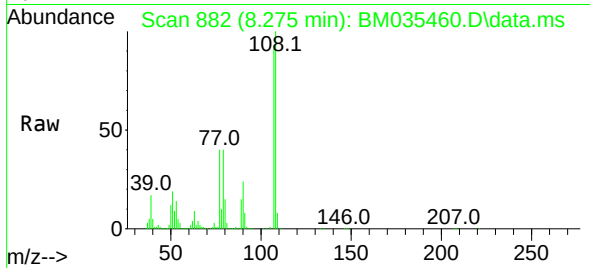
Tgt Ion: 45 Resp: 1145763
Ion Ratio Lower Upper
45 100
77 12.2 0.0 33.1
79 9.5 0.0 30.5





#17
2-Methylphenol
Concen: 54.853 ng
RT: 8.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

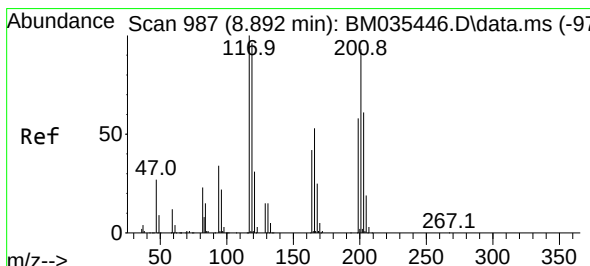
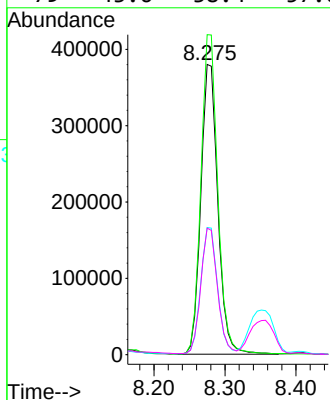
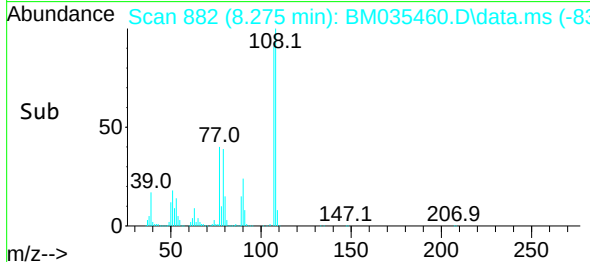
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



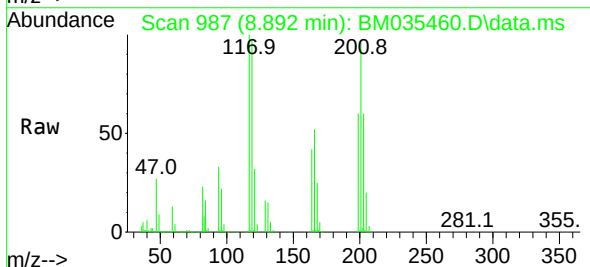
Tgt Ion:107 Resp: 63241
Ion Ratio Lower Upper
107 100
108 110.3 88.7 133.1
77 43.8 40.6 60.8
79 43.6 38.4 57.6

Manual Integrations
APPROVED

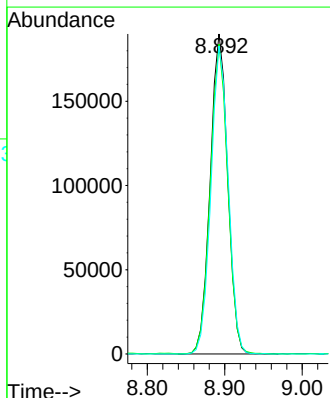
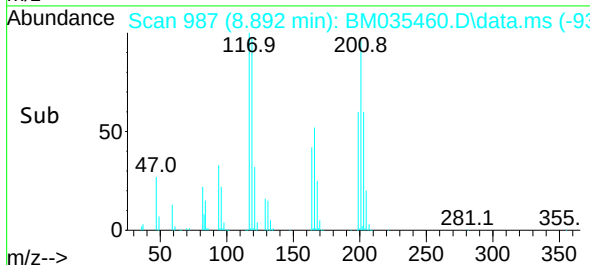
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

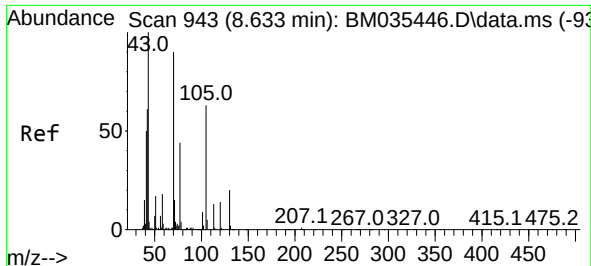


#18
Hexachloroethane
Concen: 53.145 ng
RT: 8.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



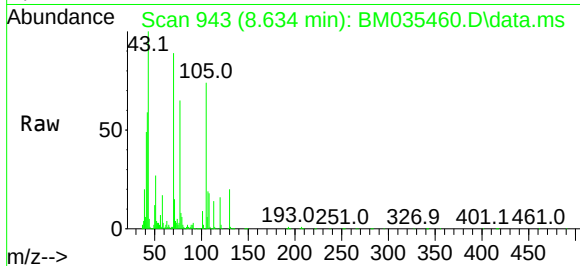
Tgt Ion:117 Resp: 298200
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.6
201 96.3 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.866 ng
RT: 8.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

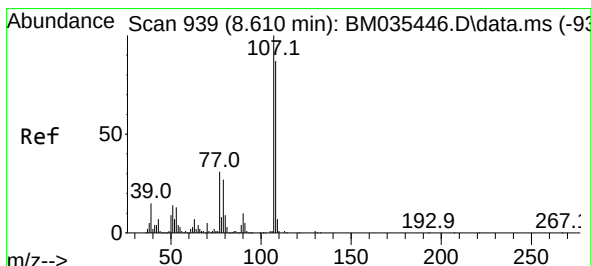
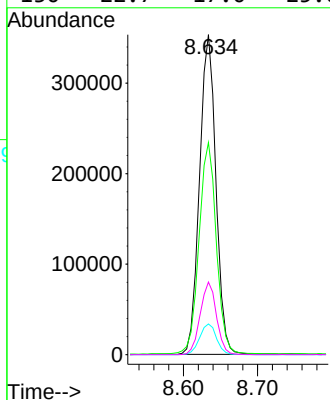
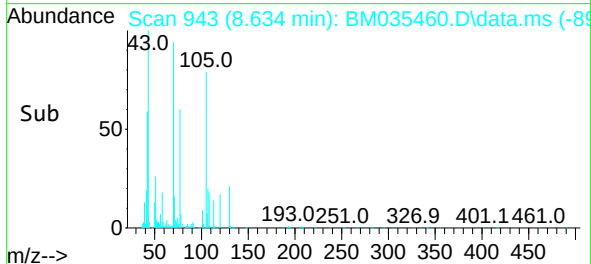
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



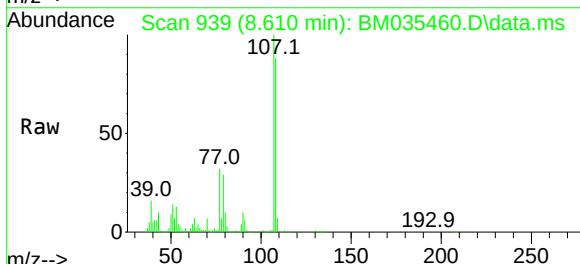
Tgt Ion: 70 Resp: 54208
Ion Ratio Lower Upper
70 100
42 66.3 55.4 83.2
101 9.6 7.8 11.6
130 22.7 17.0 25.6

Manual Integrations
APPROVED

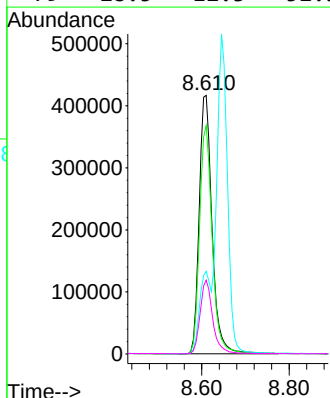
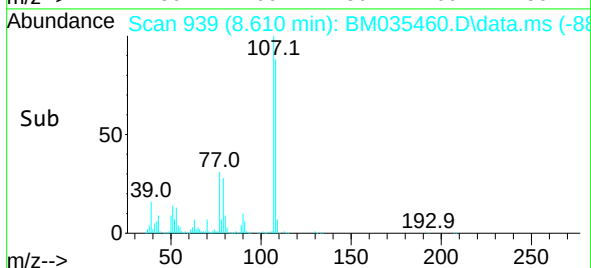
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

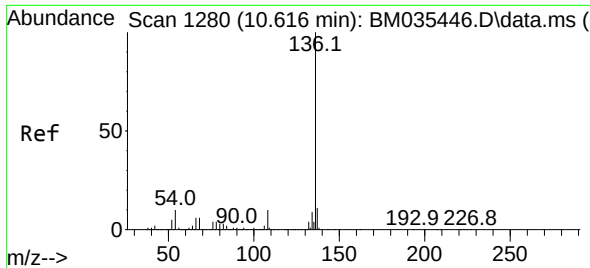


#20
3+4-Methylphenols
Concen: 52.756 ng
RT: 8.610 min Scan# 939
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



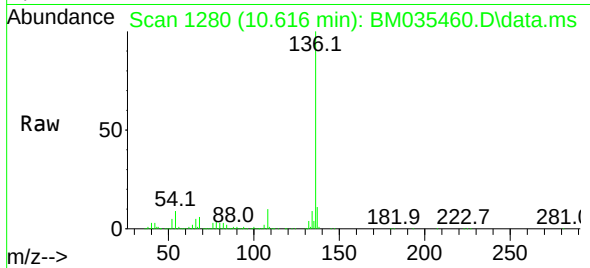
Tgt Ion:107 Resp: 852602
Ion Ratio Lower Upper
107 100
108 88.3 69.3 109.3
77 31.9 15.8 55.8
79 28.5 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

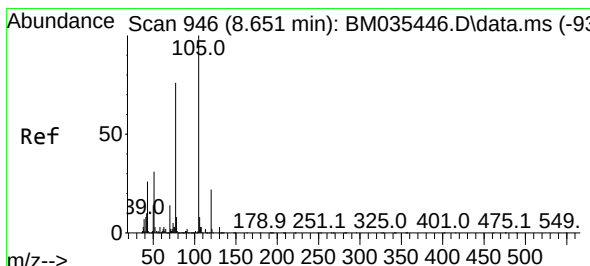
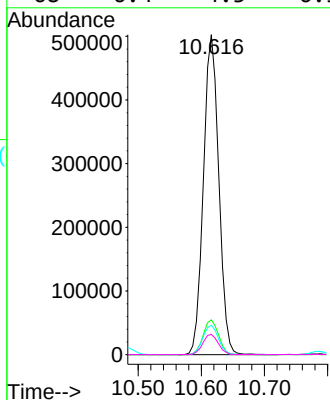
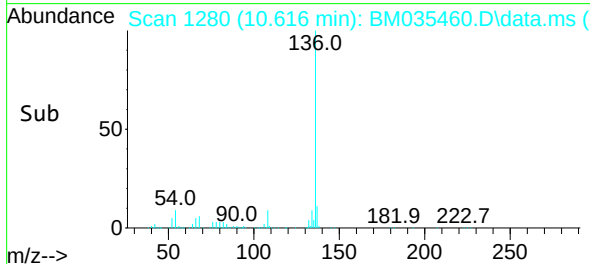
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



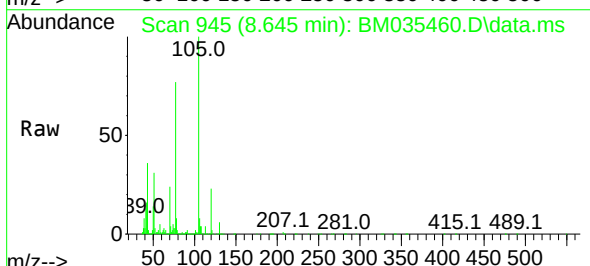
Tgt Ion:136 Resp: 849789
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.2 7.0 10.4
68 6.4 4.3 6.5

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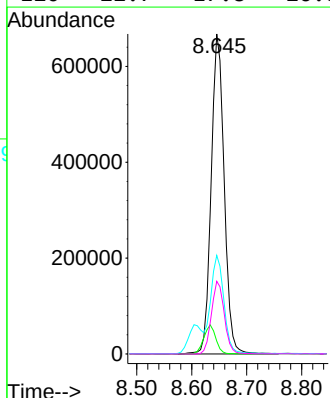
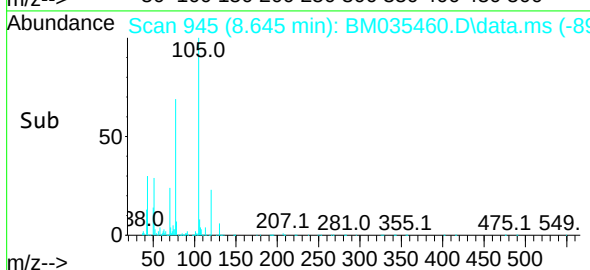
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

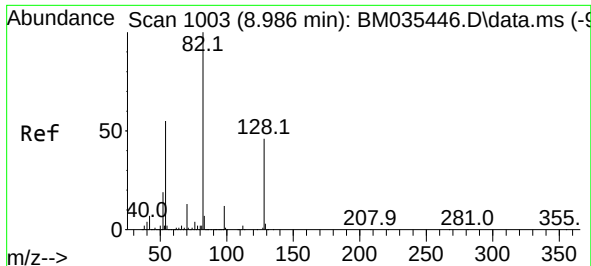


#22
Acetophenone
Concen: 53.393 ng
RT: 8.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



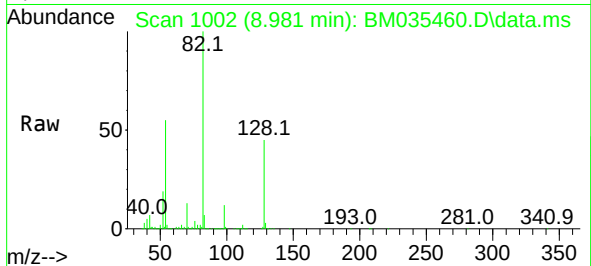
Tgt Ion:105 Resp: 1098936
Ion Ratio Lower Upper
105 100
71 4.0 5.0 7.4#
51 30.8 25.6 38.4
120 22.7 17.8 26.8





#23
Nitrobenzene-d5
Concen: 92.261 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

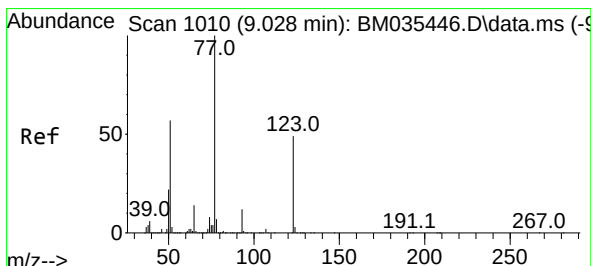
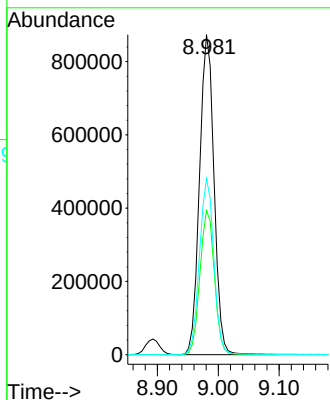
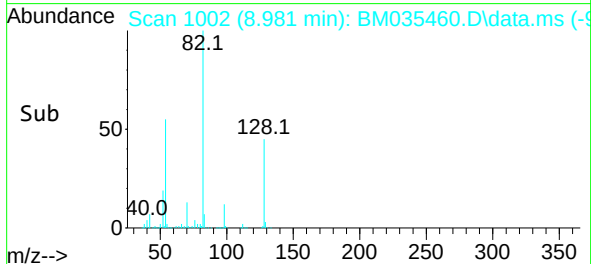
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



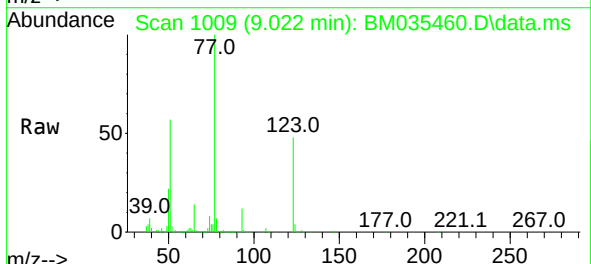
Tgt Ion: 82 Resp: 144273
Ion Ratio Lower Upper
82 100
128 45.0 33.7 50.5
54 55.0 43.2 64.8

Manual Integrations
APPROVED

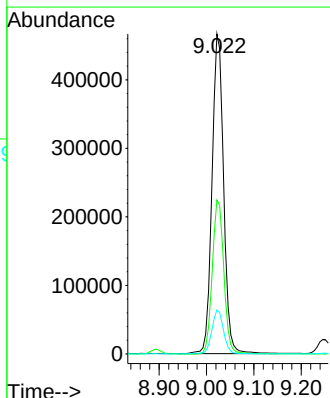
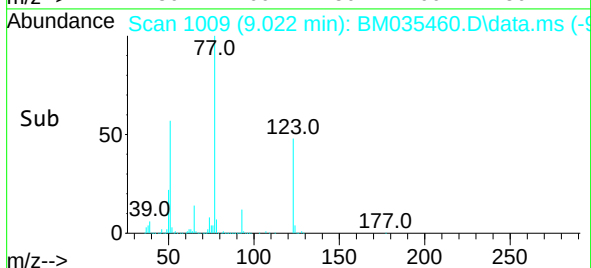
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

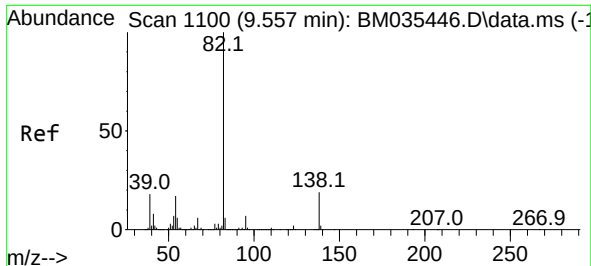


#24
Nitrobenzene
Concen: 55.499 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



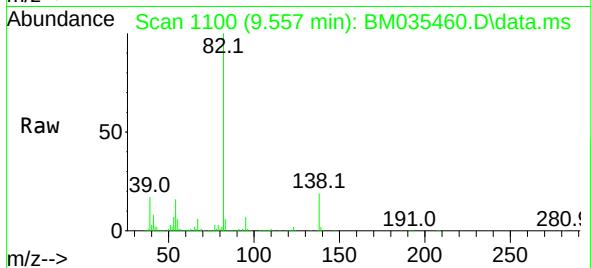
Tgt Ion: 77 Resp: 794637
Ion Ratio Lower Upper
77 100
123 48.2 36.2 54.4
65 13.8 11.4 17.0





#25
Isophorone
Concen: 56.337 ng
RT: 9.557 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

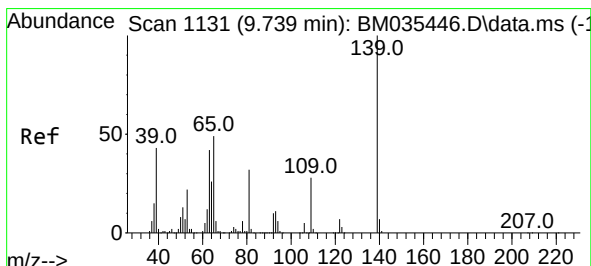
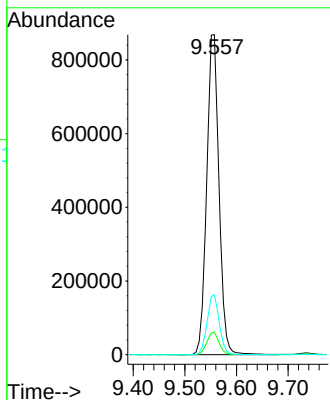
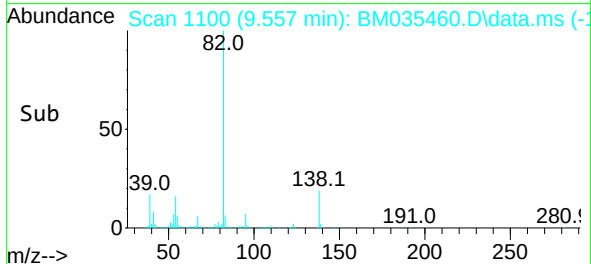
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



Tgt Ion: 82 Resp: 1432690
Ion Ratio Lower Upper
82 100
95 7.1 6.4 9.6
138 18.7 14.2 21.4

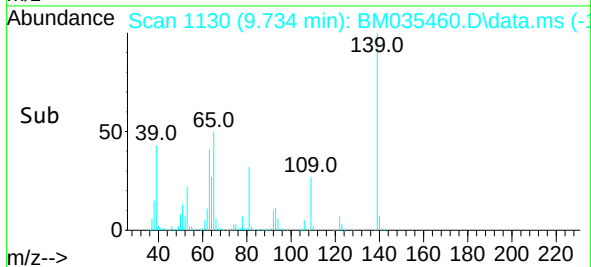
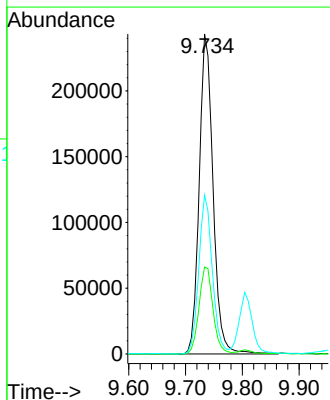
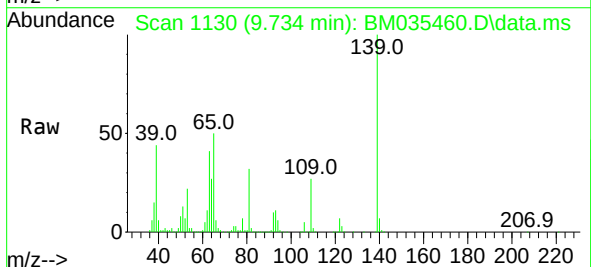
Manual Integrations
APPROVED

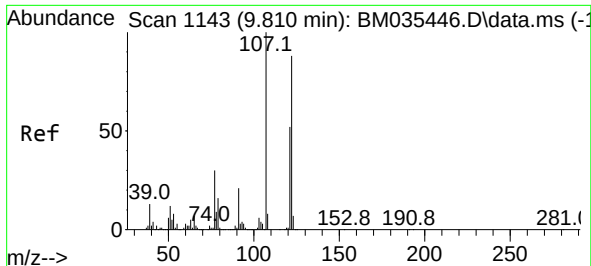
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#26
2-Nitrophenol
Concen: 56.250 ng
RT: 9.734 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

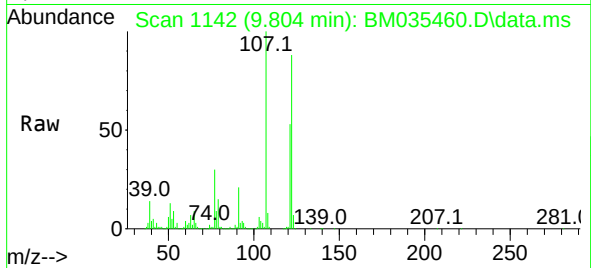
Tgt Ion:139 Resp: 412172
Ion Ratio Lower Upper
139 100
109 27.2 25.6 38.4
65 49.6 43.2 64.8





#27
2,4-Dimethylphenol
Concen: 65.324 ng
RT: 9.804 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

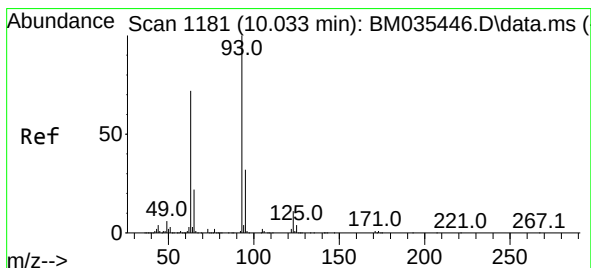
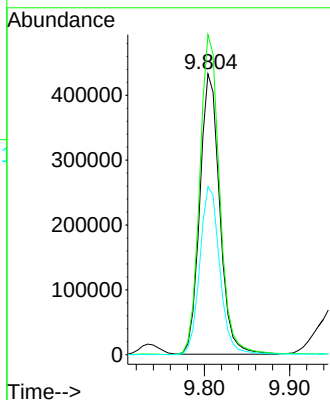
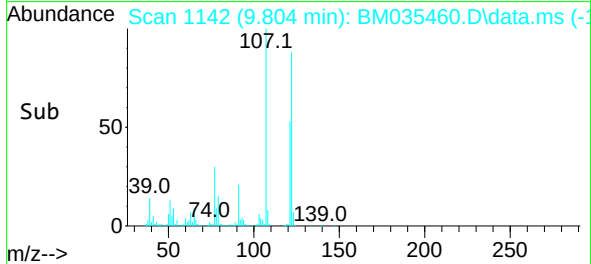
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



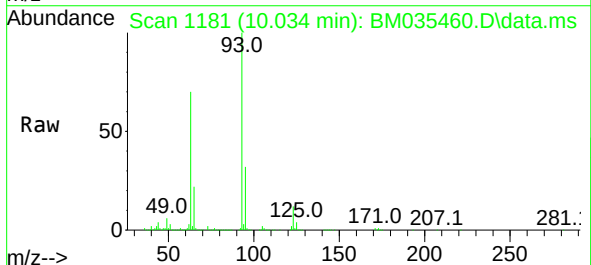
Tgt Ion:122 Resp: 70143
Ion Ratio Lower Upper
122 100
107 114.0 92.4 138.6
121 59.9 47.4 71.0

Manual Integrations
APPROVED

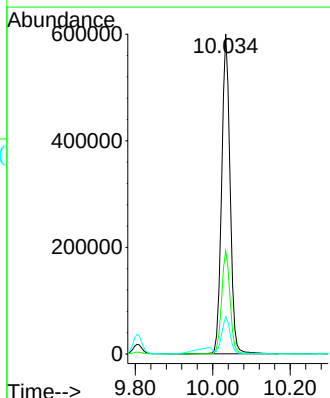
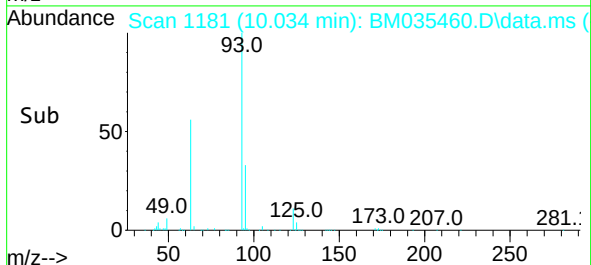
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

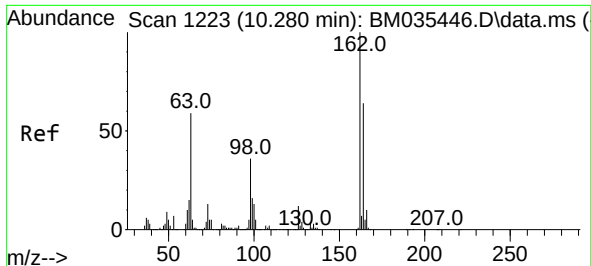


#28
bis(2-Chloroethoxy)methane
Concen: 51.471 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



Tgt Ion: 93 Resp: 910747
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 56.206 ng

RT: 10.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BM035460.D

Acq: 13 Jun 2022 16:48

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MSD

Tgt Ion:162 Resp: 67255

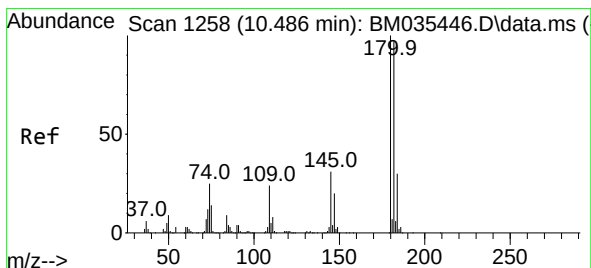
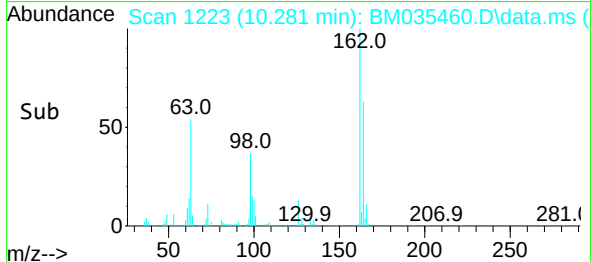
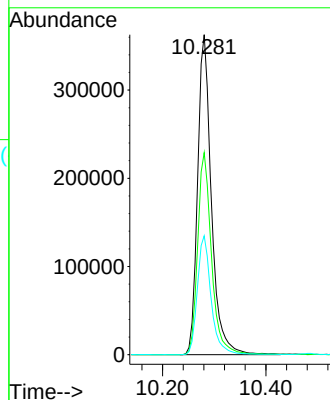
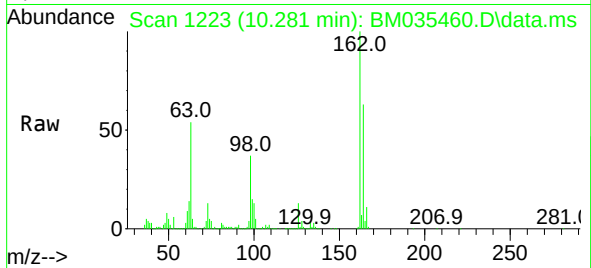
Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.2	84.2
98	37.2	15.0	55.0

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: 52.685 ng

RT: 10.481 min Scan# 1257

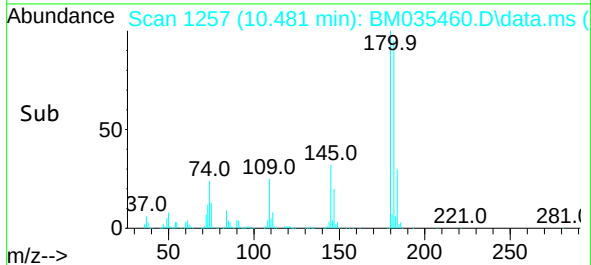
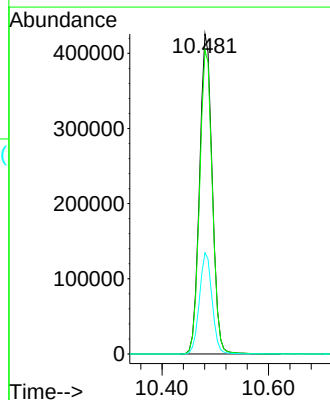
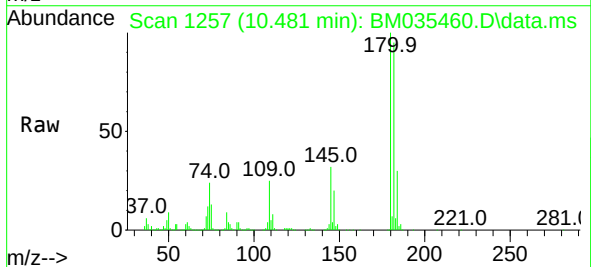
Delta R.T. -0.006 min

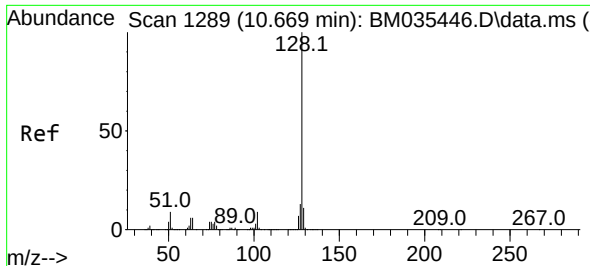
Lab File: BM035460.D

Acq: 13 Jun 2022 16:48

Tgt Ion:180 Resp: 700840

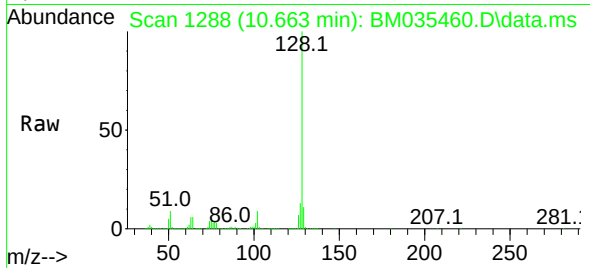
Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.9	116.9
145	31.6	25.0	37.6





#31
Naphthalene
Concen: 53.511 ng
RT: 10.663 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

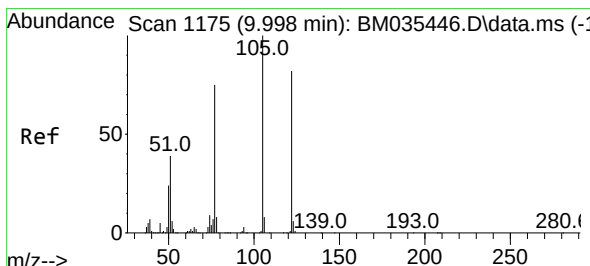
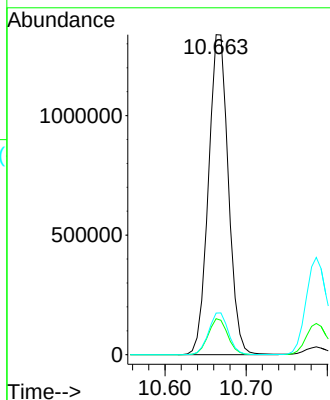
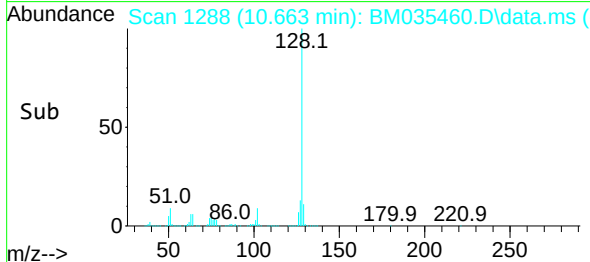
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



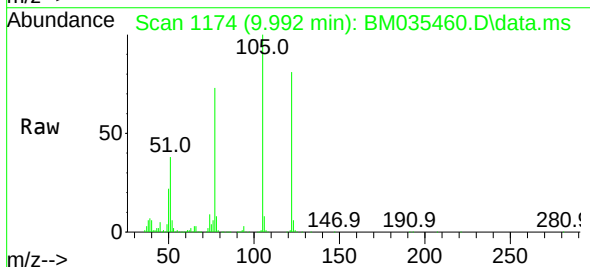
Tgt Ion:128 Resp: 2277689
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 16.0

Manual Integrations
APPROVED

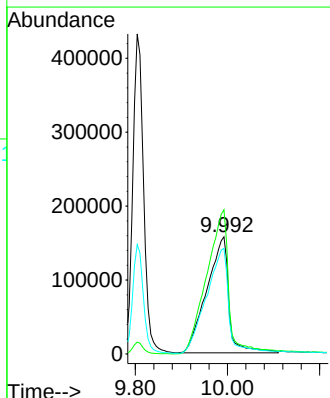
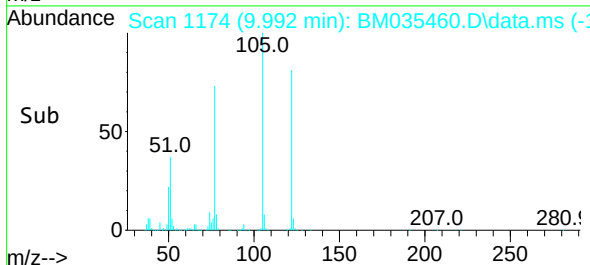
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

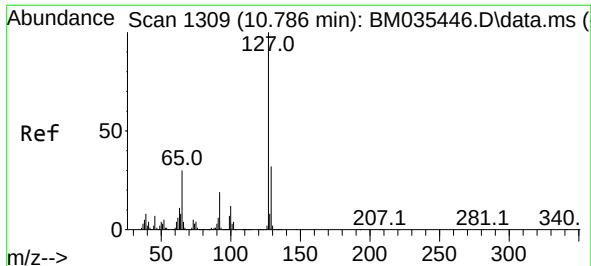


#32
Benzoic acid
Concen: 51.736 ng
RT: 9.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



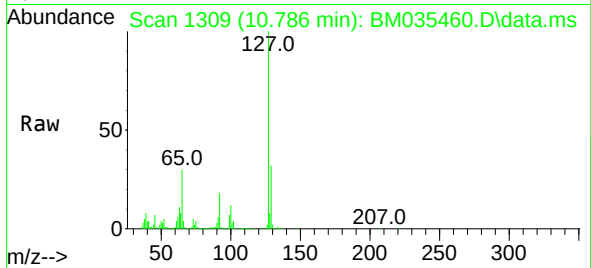
Tgt Ion:122 Resp: 522608
Ion Ratio Lower Upper
122 100
105 123.1 105.7 145.7
77 90.1 80.0 120.0





#33
4-Chloroaniline
Concen: 45.149 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

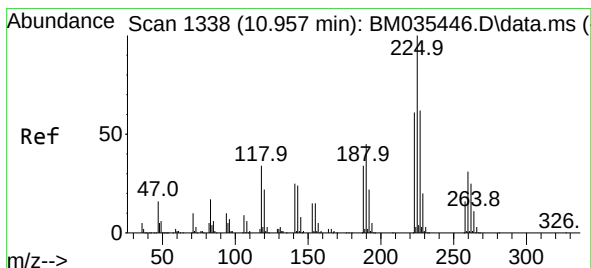
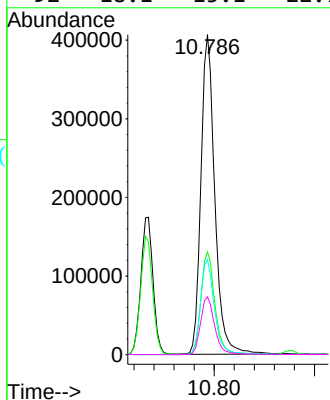
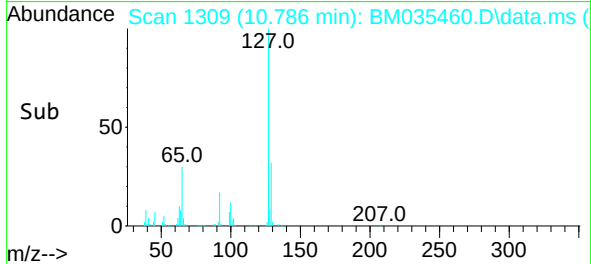
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



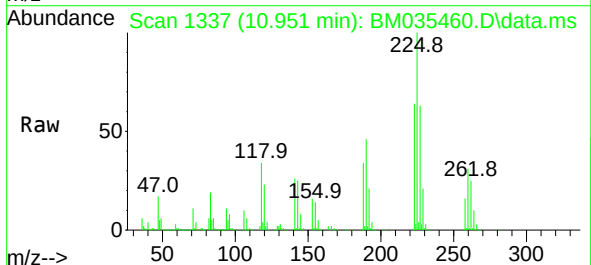
Tgt Ion:127 Resp: 781908
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 29.8 26.6 40.0
92 18.1 15.1 22.7

Manual Integrations
APPROVED

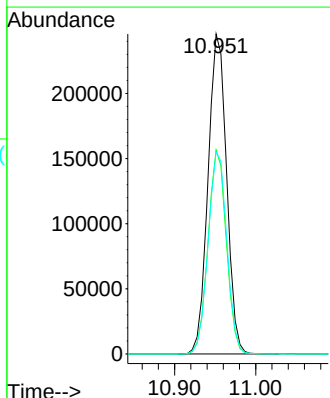
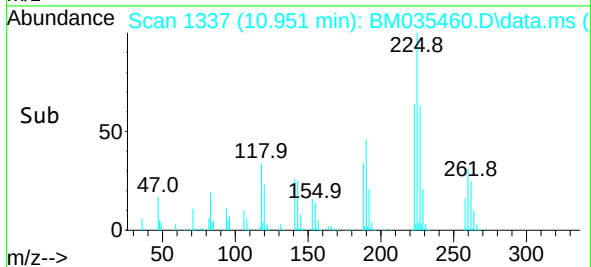
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

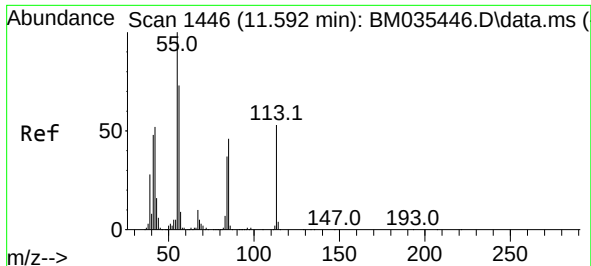


#34
Hexachlorobutadiene
Concen: 52.050 ng
RT: 10.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



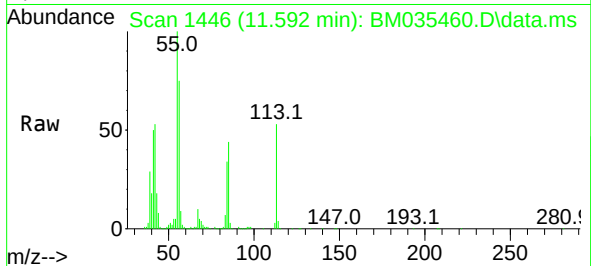
Tgt Ion:225 Resp: 389654
Ion Ratio Lower Upper
225 100
223 63.8 50.8 76.2
227 63.2 52.7 79.1





#35
Caprolactam
Concen: 54.786 ng
RT: 11.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

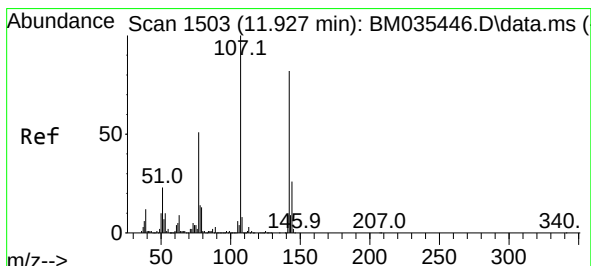
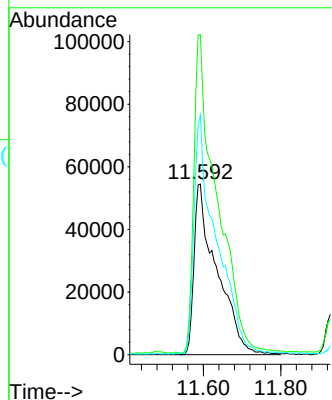
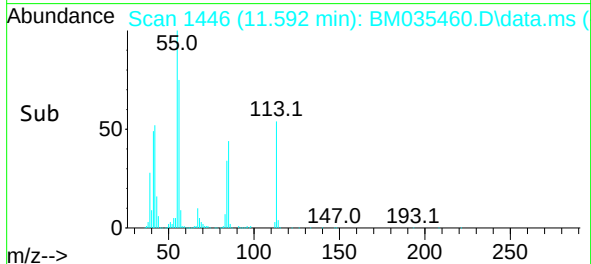
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



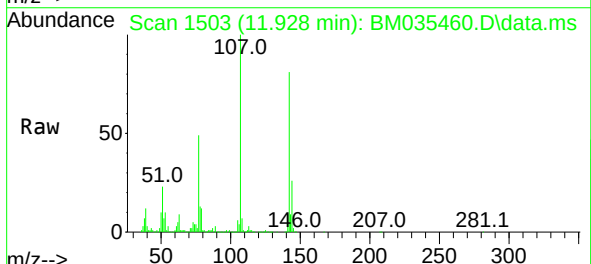
Tgt Ion:113 Resp: 22220
Ion Ratio Lower Upper
113 100
55 187.6 150.1 190.1
56 140.4 111.7 151.7

Manual Integrations
APPROVED

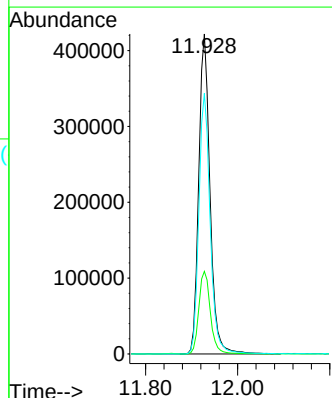
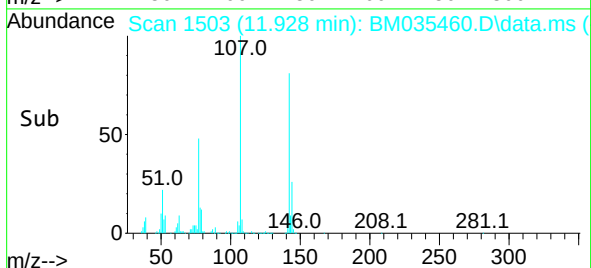
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

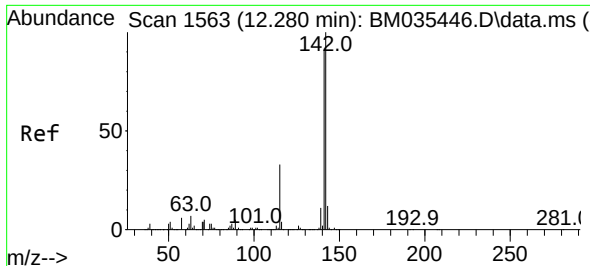


#36
4-Chloro-3-methylphenol
Concen: 52.939 ng
RT: 11.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



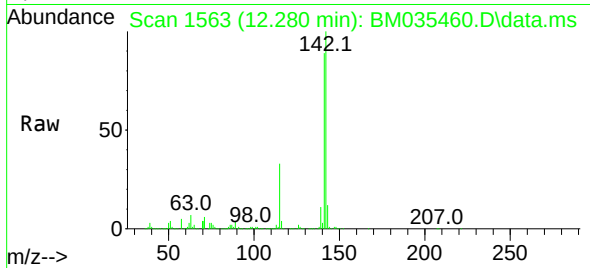
Tgt Ion:107 Resp: 718147
Ion Ratio Lower Upper
107 100
144 25.8 21.4 32.0
142 81.5 66.7 100.1





#37
2-Methylnaphthalene
Concen: 52.493 ng
RT: 12.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

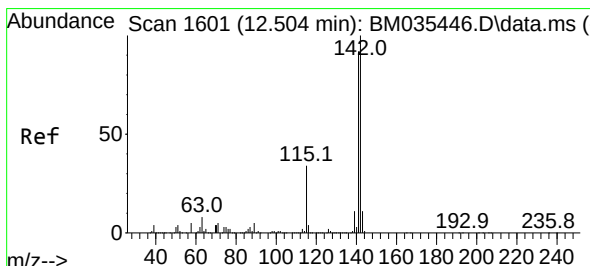
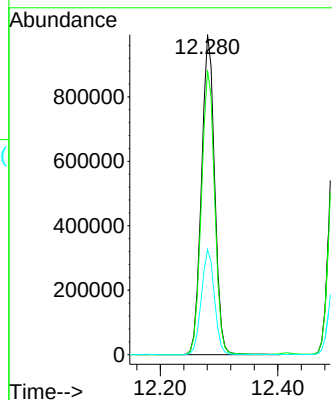
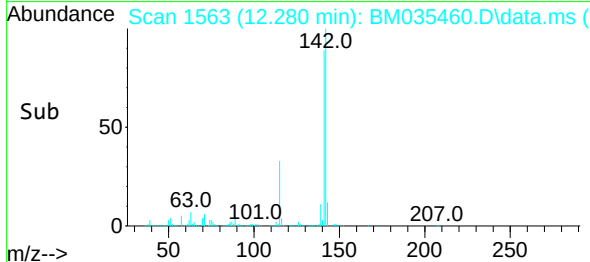
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



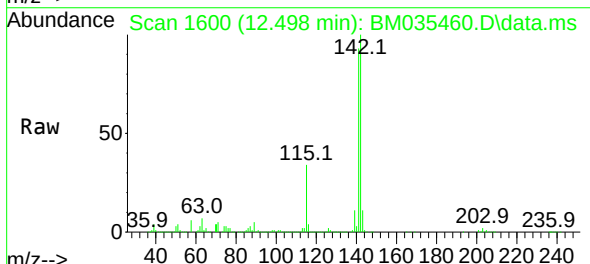
Tgt Ion:142 Resp: 1538700
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 32.8 29.6 44.4

Manual Integrations
APPROVED

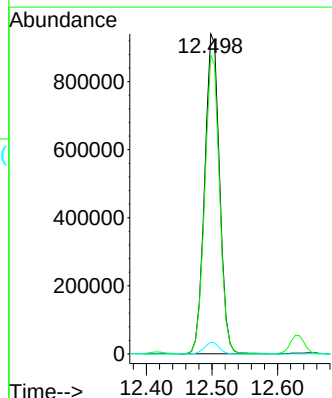
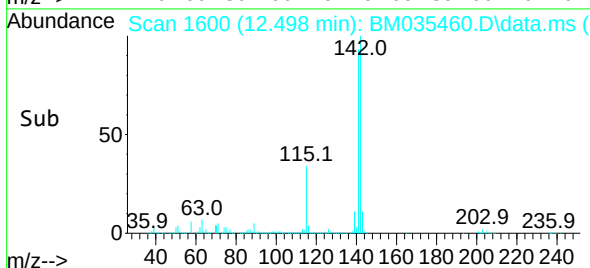
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

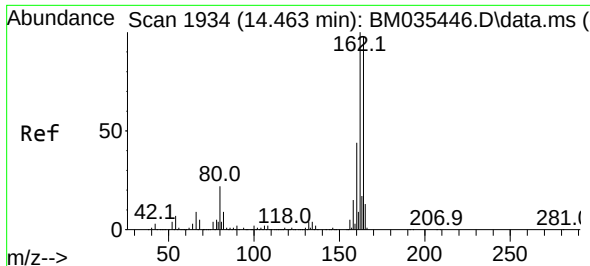


#38
1-Methylnaphthalene
Concen: 51.649 ng
RT: 12.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



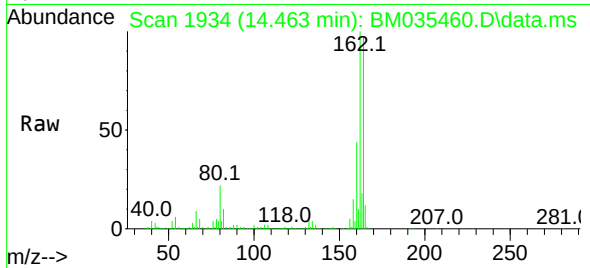
Tgt Ion:142 Resp: 1479717
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4
116 3.6 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

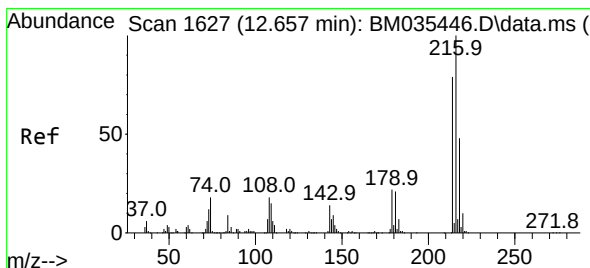
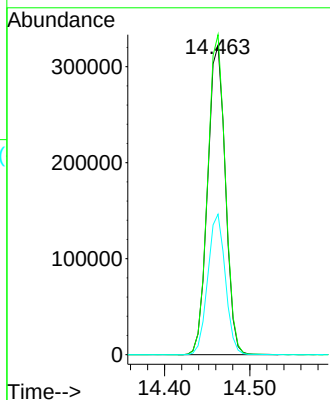
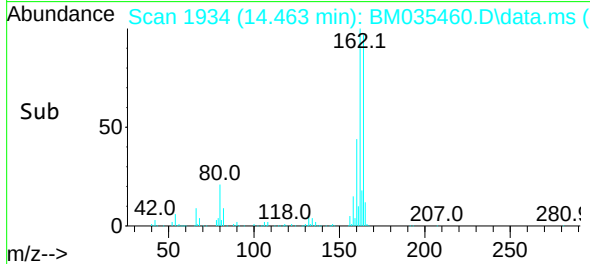
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



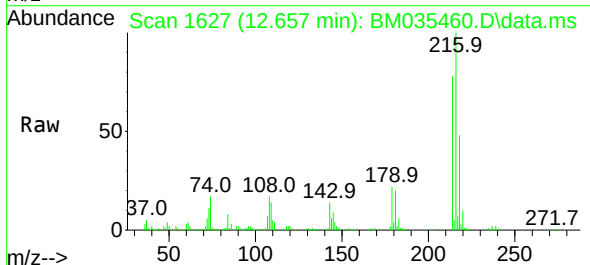
Tgt Ion:164 Resp: 467085
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 45.4 37.0 55.4

Manual Integrations
APPROVED

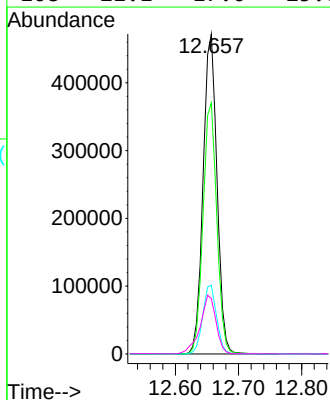
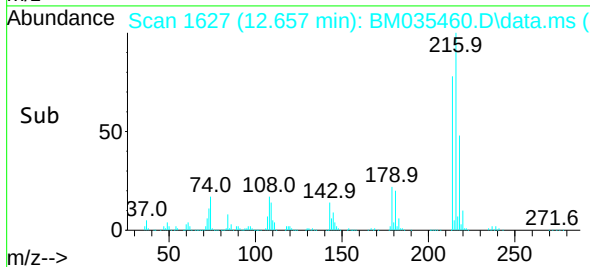
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

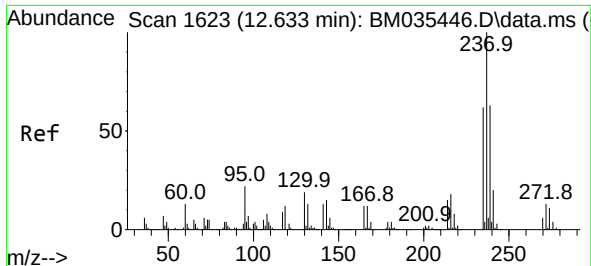


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.813 ng
RT: 12.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



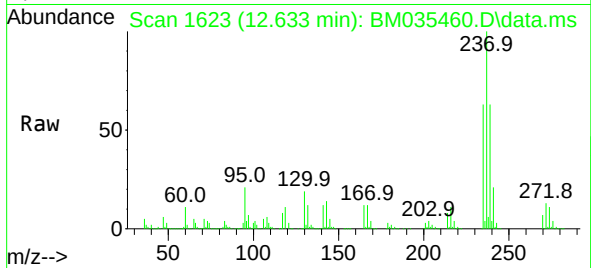
Tgt Ion:216 Resp: 721563
Ion Ratio Lower Upper
216 100
214 78.1 62.6 94.0
179 21.7 18.2 27.2
108 21.1 17.0 25.6





#41
Hexachlorocyclopentadiene
Concen: 120.364 ng
RT: 12.633 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

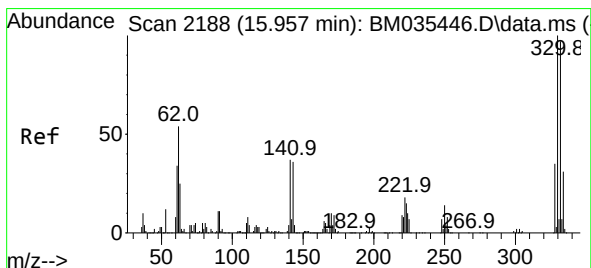
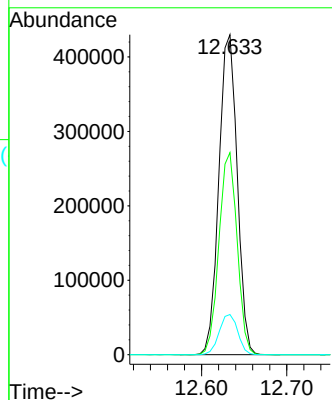
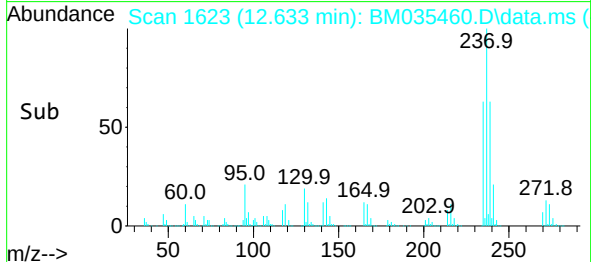
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



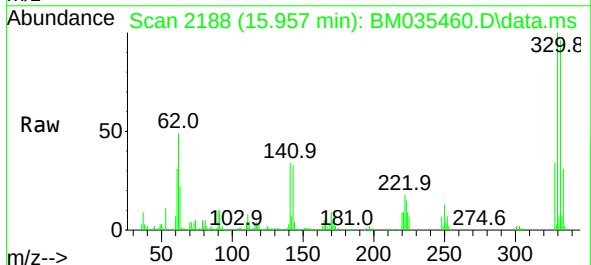
Tgt Ion:237 Resp: 644088
Ion Ratio Lower Upper
237 100
235 63.2 43.8 83.8
272 12.5 0.0 32.5

Manual Integrations
APPROVED

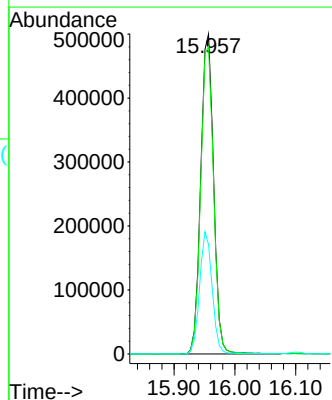
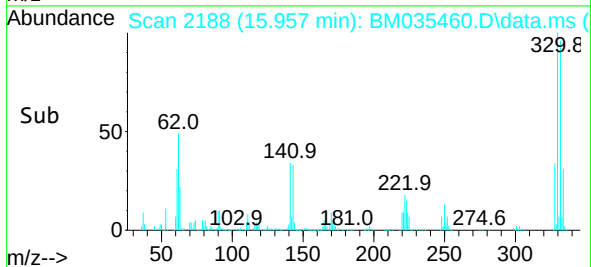
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

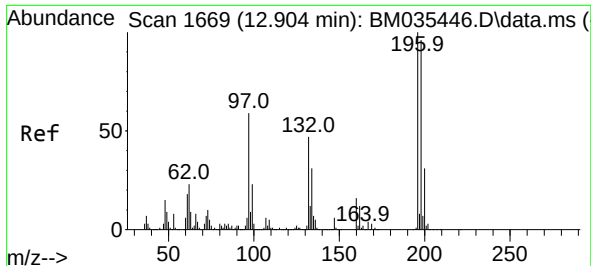


#42
2,4,6-Tribromophenol
Concen: 147.027 ng
RT: 15.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



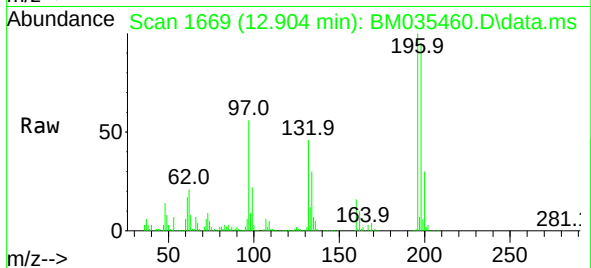
Tgt Ion:330 Resp: 731145
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 37.2 35.3 52.9





#43
2,4,6-Trichlorophenol
Concen: 55.027 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

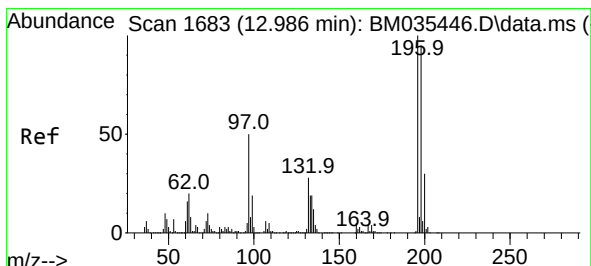
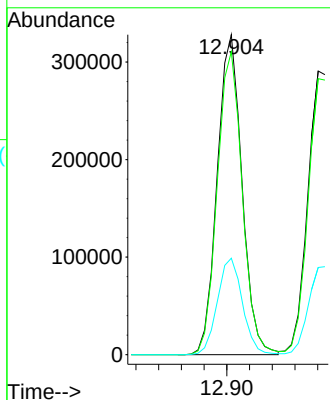
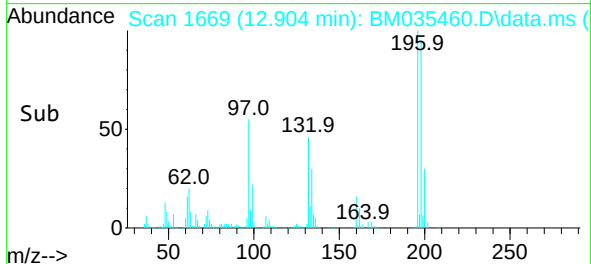
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



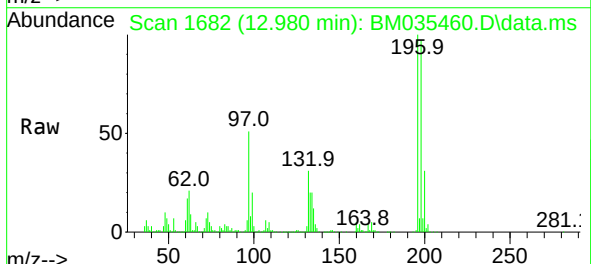
Tgt Ion:196 Resp: 49688
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
200 30.2 24.9 37.3

Manual Integrations
APPROVED

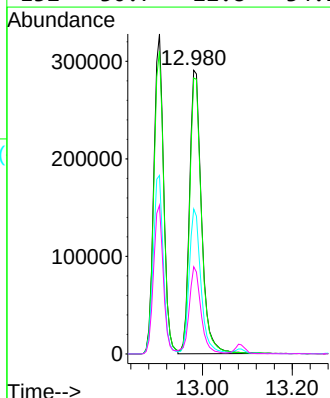
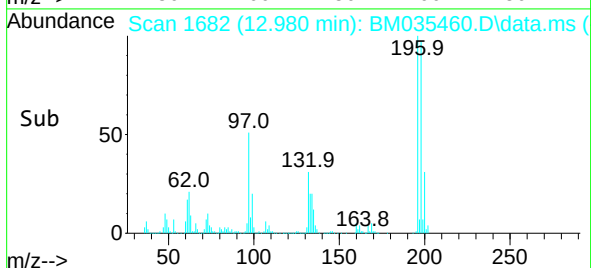
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

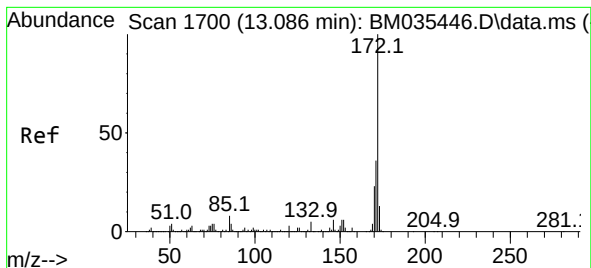


#44
2,4,5-Trichlorophenol
Concen: 55.364 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



Tgt Ion:196 Resp: 539316
Ion Ratio Lower Upper
196 100
198 97.3 77.8 116.6
97 51.1 43.4 65.2
132 30.7 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 93.125 ng

RT: 13.086 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BM035460.D

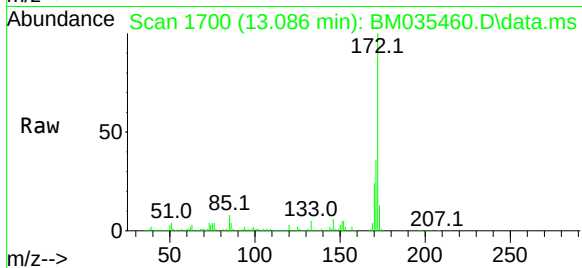
Acq: 13 Jun 2022 16:48

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MSD



Tgt Ion:172 Resp: 3044710

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

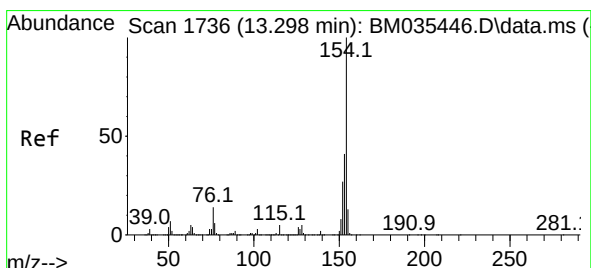
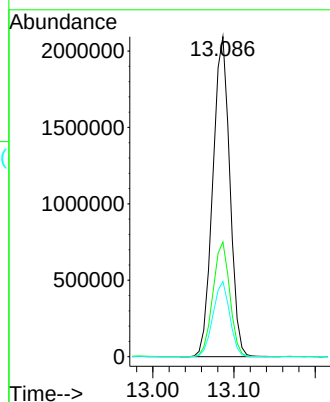
170 23.5 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#46

1,1'-Biphenyl

Concen: 53.853 ng

RT: 13.298 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BM035460.D

Acq: 13 Jun 2022 16:48

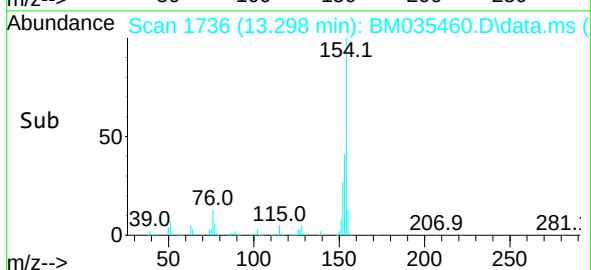
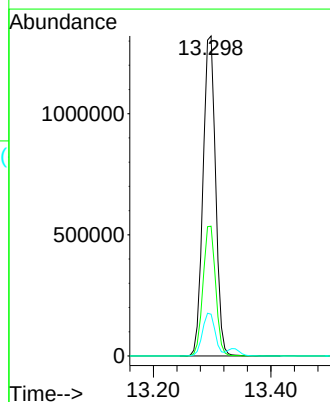
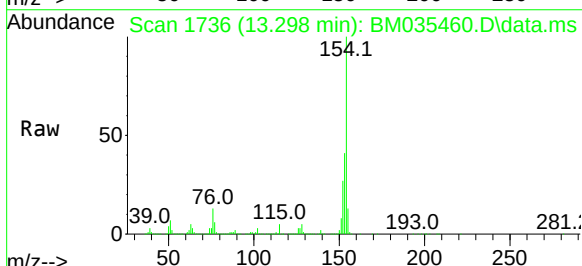
Tgt Ion:154 Resp: 1959057

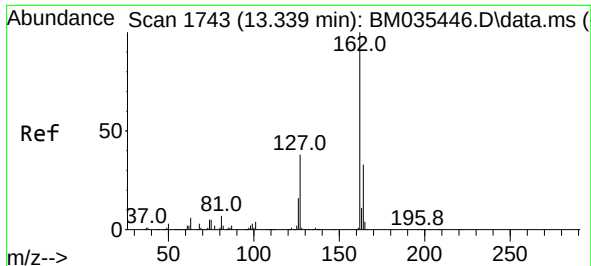
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

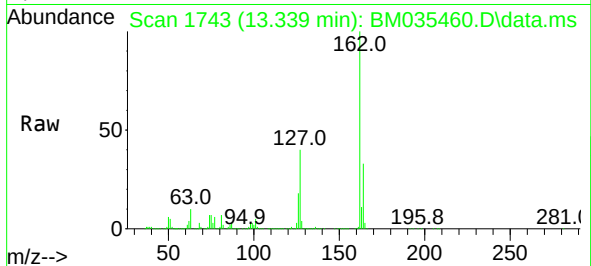
76 13.0 0.0 31.8





#47
2-Chloronaphthalene
Concen: 54.489 ng
RT: 13.339 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

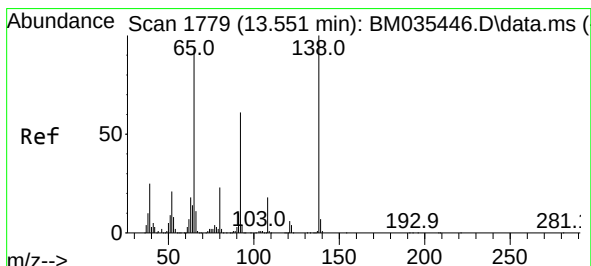
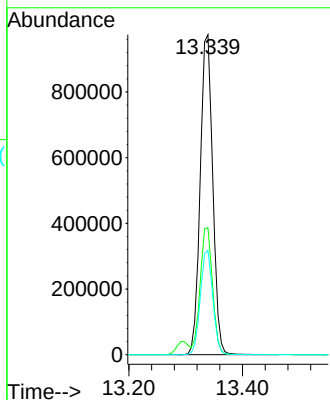
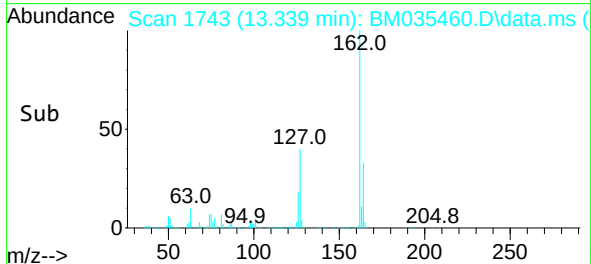
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



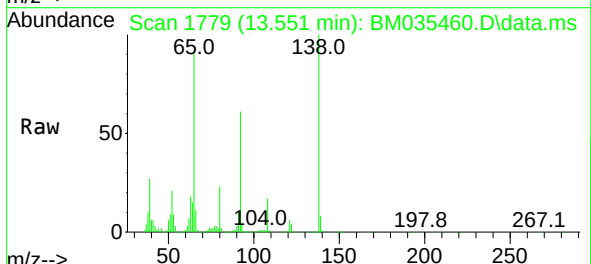
Tgt Ion:162 Resp: 1490734
Ion Ratio Lower Upper
162 100
127 39.7 30.6 45.8
164 32.5 26.6 39.8

Manual Integrations
APPROVED

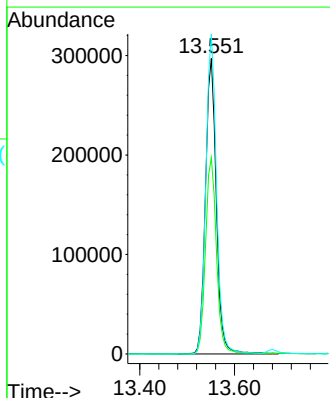
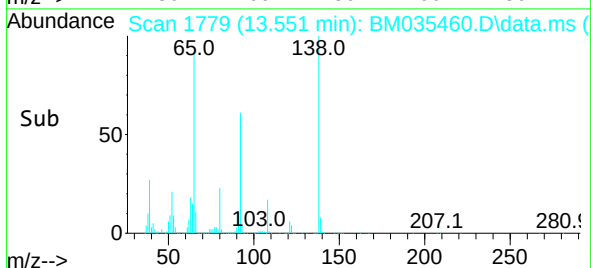
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

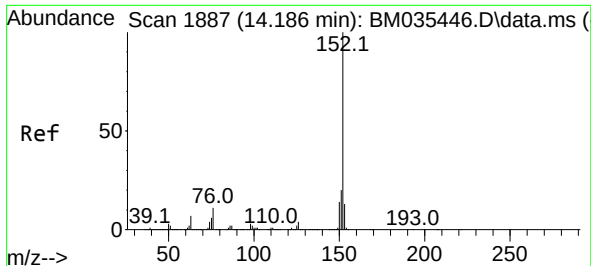


#48
2-Nitroaniline
Concen: 57.297 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



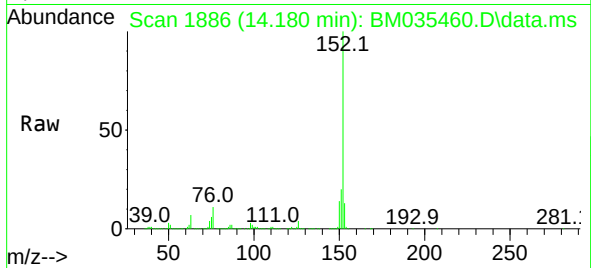
Tgt Ion: 65 Resp: 474521
Ion Ratio Lower Upper
65 100
92 66.4 53.7 80.5
138 108.3 83.9 125.9





#49
Acenaphthylene
Concen: 57.186 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

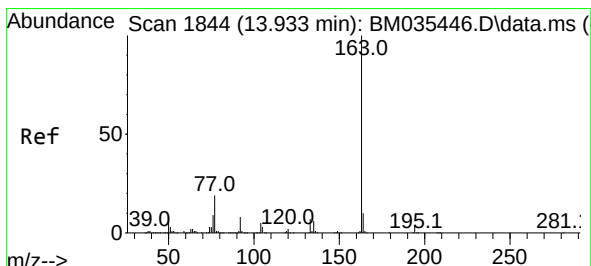
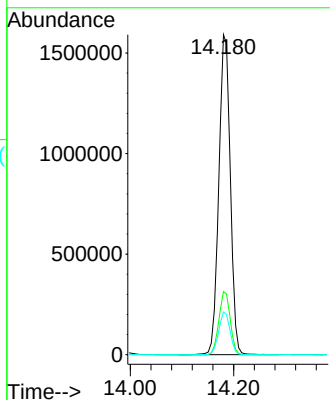
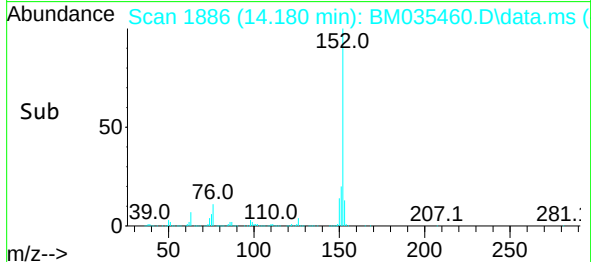
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



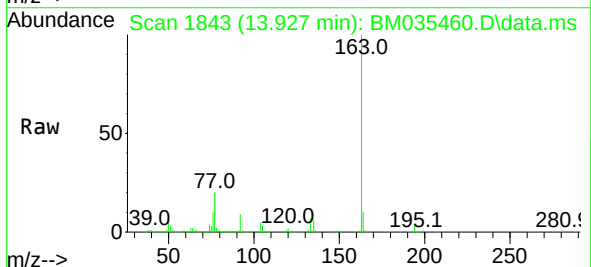
Tgt Ion:152 Resp: 245062
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.4 10.5 15.7

Manual Integrations
APPROVED

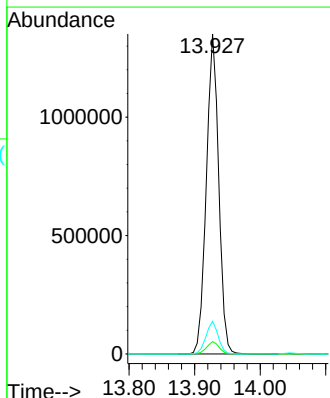
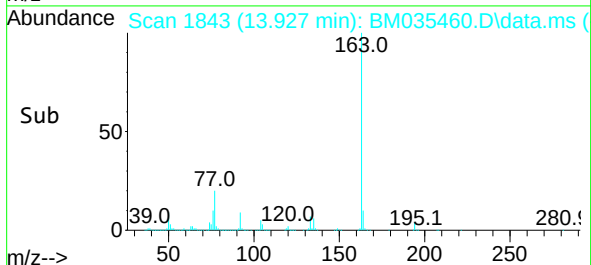
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

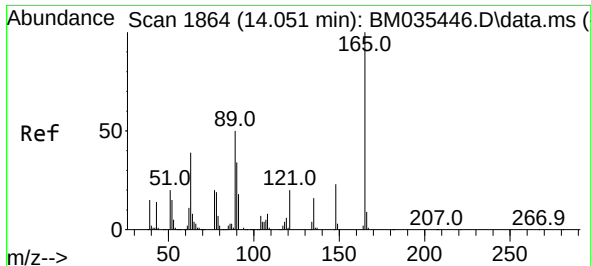


#50
Dimethylphthalate
Concen: 51.562 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



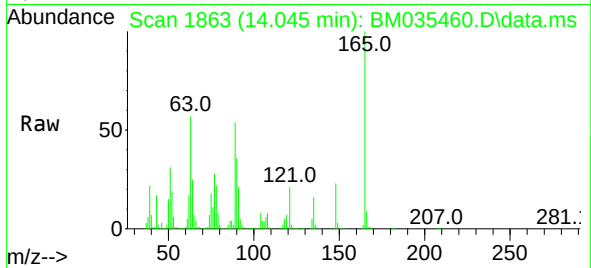
Tgt Ion:163 Resp: 1772287
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 56.360 ng
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

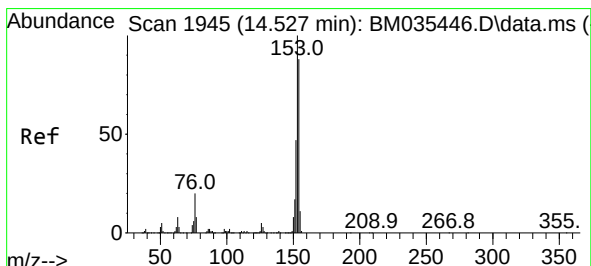
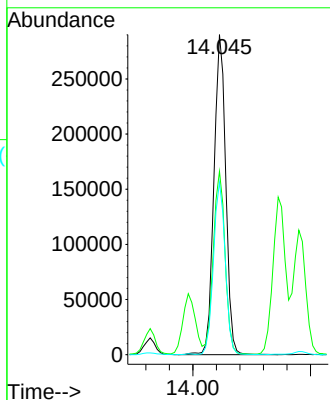
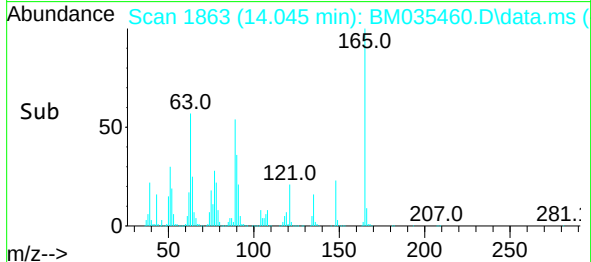
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



Tgt Ion:165 Resp: 405520
Ion Ratio Lower Upper
165 100
63 57.3 50.2 75.2
89 53.9 48.4 72.6

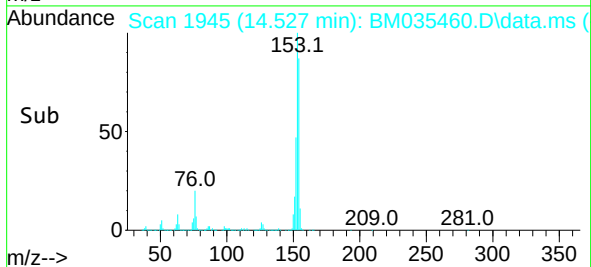
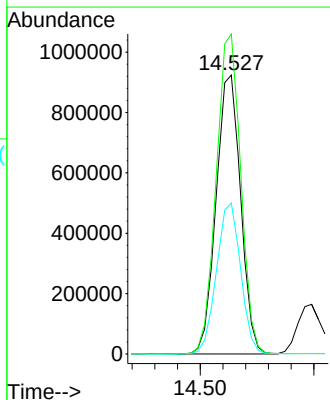
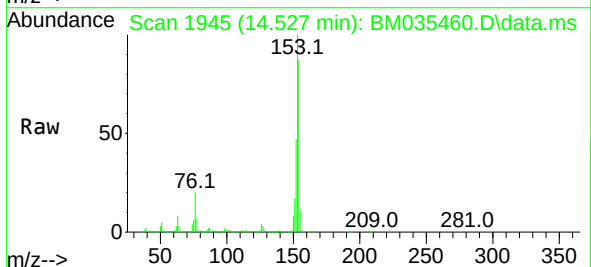
Manual Integrations
APPROVED

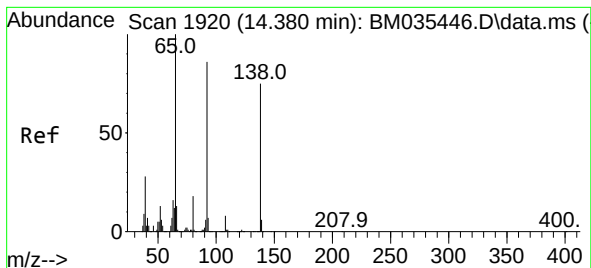
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#52
Acenaphthene
Concen: 55.546 ng
RT: 14.527 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

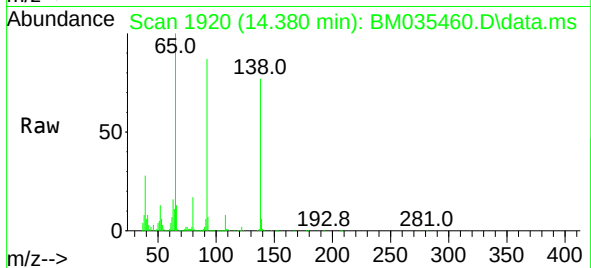
Tgt Ion:154 Resp: 1386565
Ion Ratio Lower Upper
154 100
153 114.8 91.0 136.6
152 54.2 43.4 65.2





#53
3-Nitroaniline
Concen: 47.465 ng
RT: 14.380 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

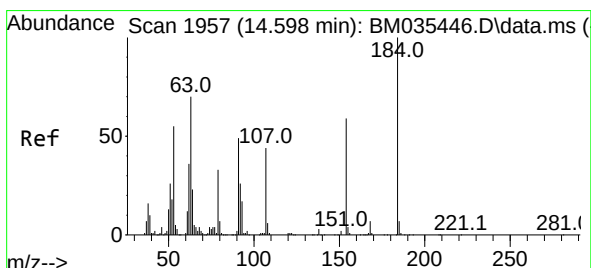
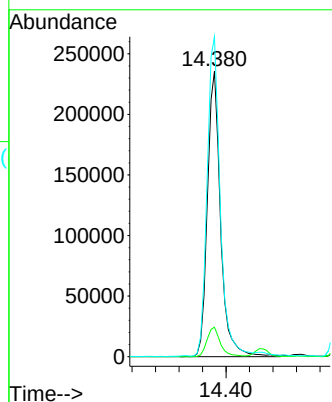
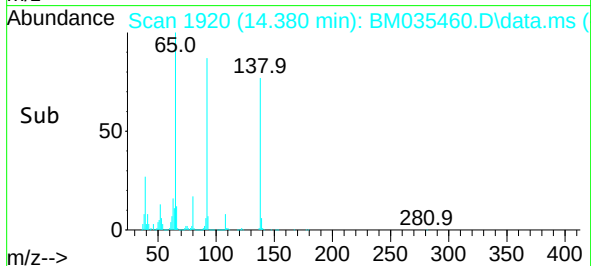
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



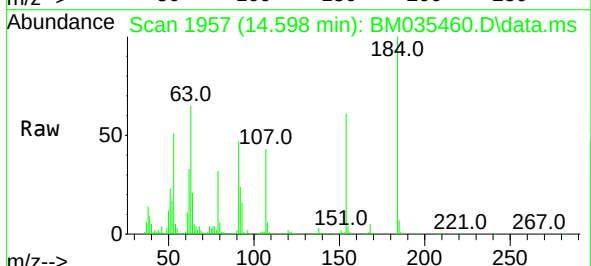
Tgt Ion:138 Resp: 366519
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 112.1 91.5 137.3

Manual Integrations
APPROVED

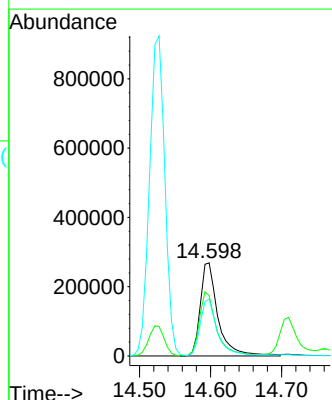
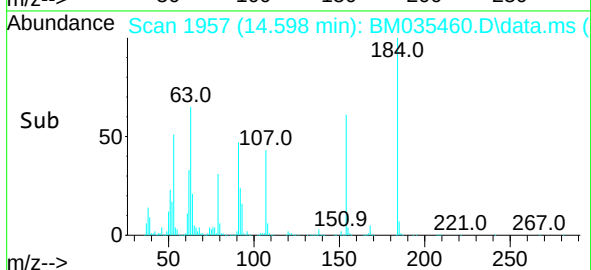
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

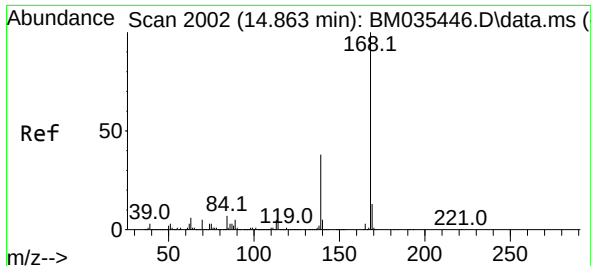


#54
2,4-Dinitrophenol
Concen: 100.929 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



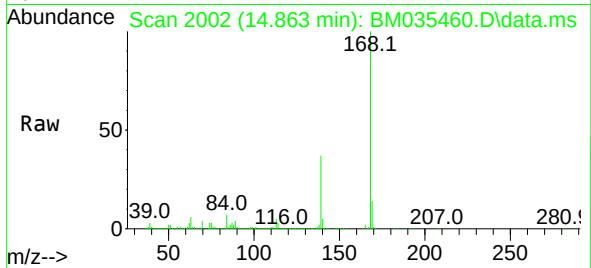
Tgt Ion:184 Resp: 466104
Ion Ratio Lower Upper
184 100
63 64.8 59.5 89.3
154 61.1 55.6 83.4





#55
Dibenzofuran
Concen: 54.159 ng
RT: 14.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

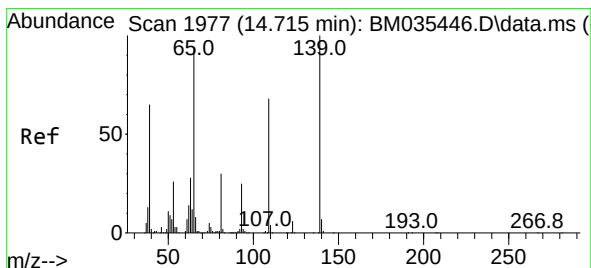
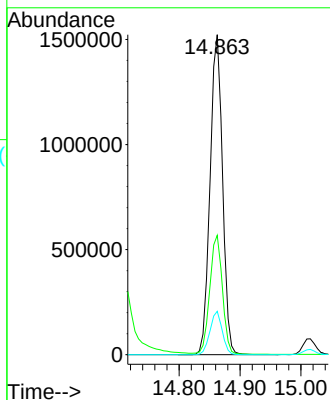
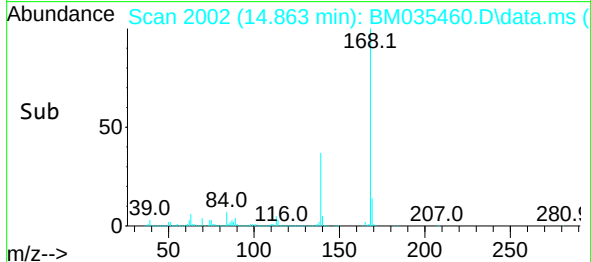
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



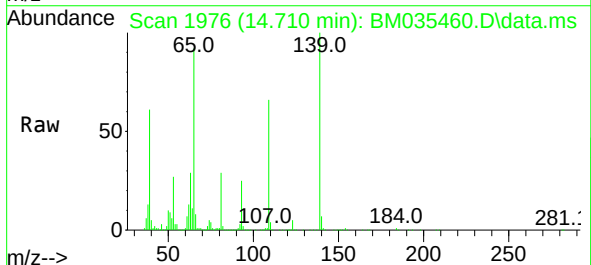
Tgt Ion:168 Resp: 216599
Ion Ratio Lower Upper
168 100
139 37.3 32.2 48.2
169 13.6 10.6 16.0

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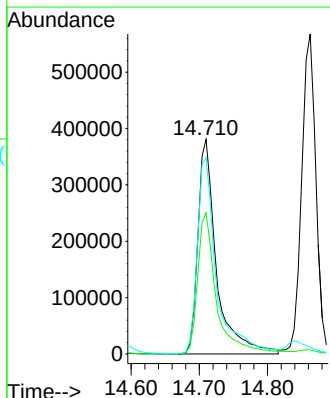
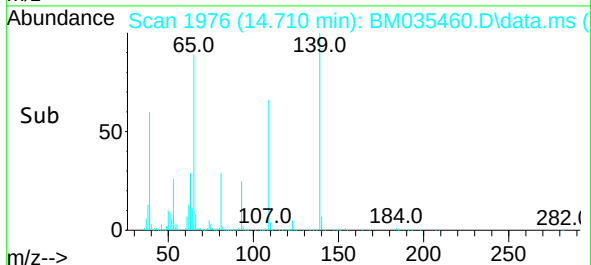
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

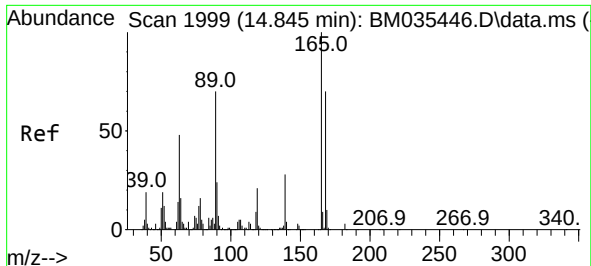


#56
4-Nitrophenol
Concen: 116.170 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



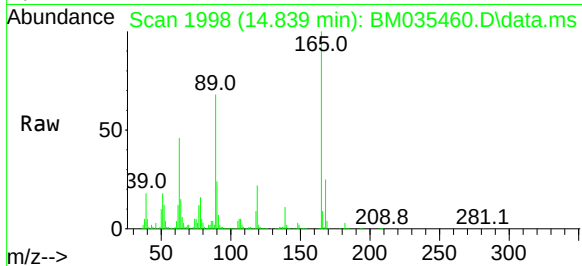
Tgt Ion:139 Resp: 724734
Ion Ratio Lower Upper
139 100
109 65.7 62.5 102.5
65 91.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 60.462 ng
RT: 14.839 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

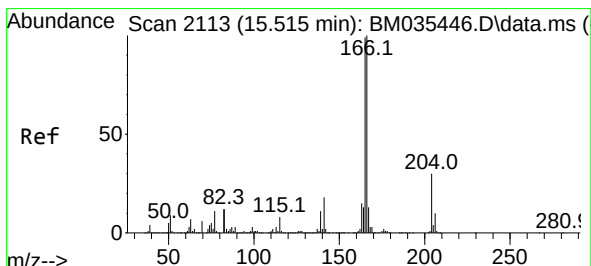
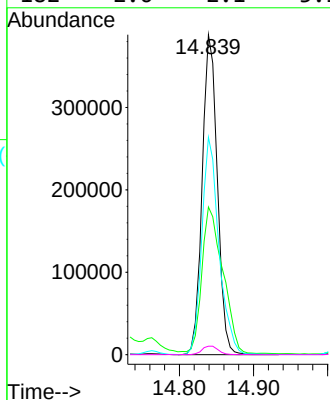
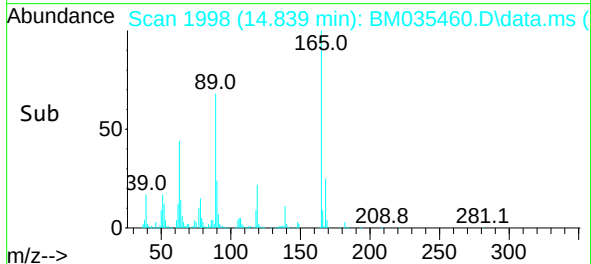
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



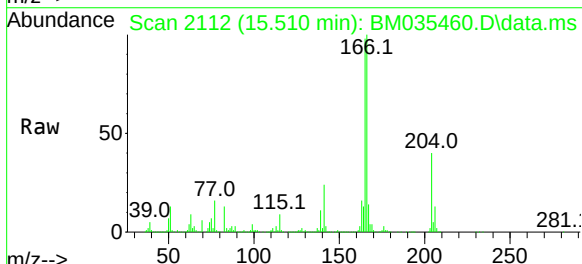
Tgt Ion:165 Resp: 552444
Ion Ratio Lower Upper
165 100
63 46.2 35.6 53.4
89 67.9 57.3 85.9
182 2.6 2.1 3.1

Manual Integrations
APPROVED

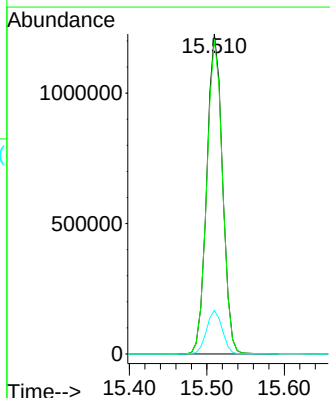
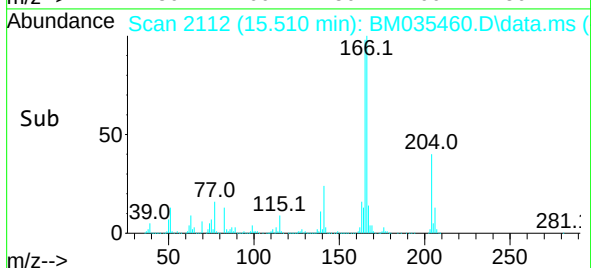
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

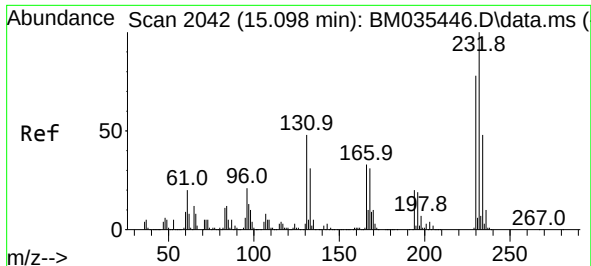


#58
Fluorene
Concen: 55.240 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



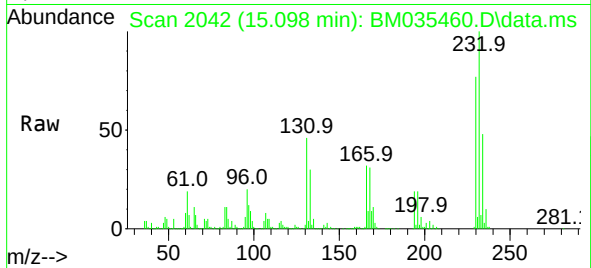
Tgt Ion:166 Resp: 1725869
Ion Ratio Lower Upper
166 100
165 98.5 79.4 119.2
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.602 ng
RT: 15.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

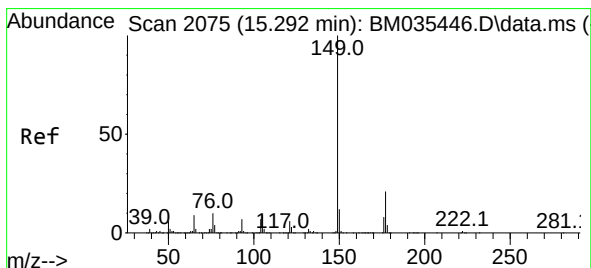
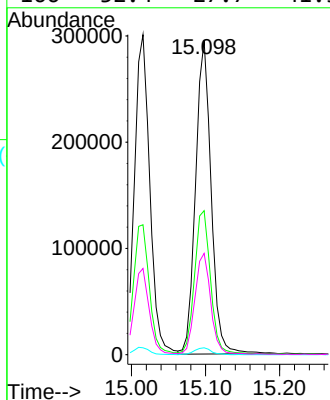
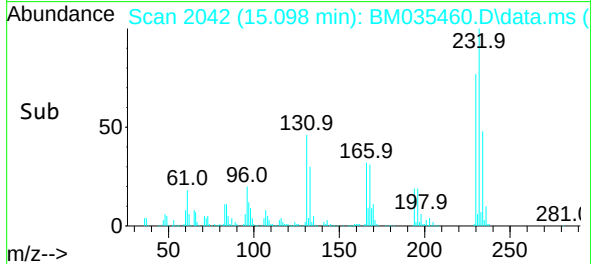
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



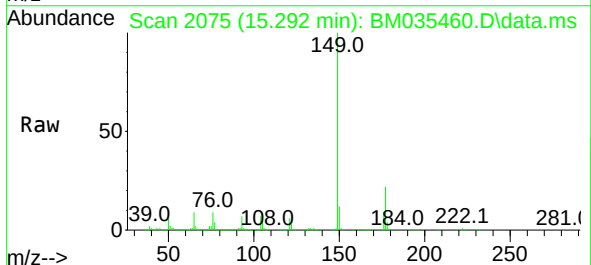
Tgt Ion:232 Resp: 43075
Ion Ratio Lower Upper
232 100
131 47.0 41.0 61.6
130 2.4 2.3 3.5
166 32.4 27.7 41.5

Manual Integrations
APPROVED

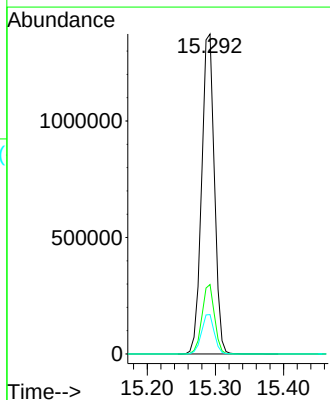
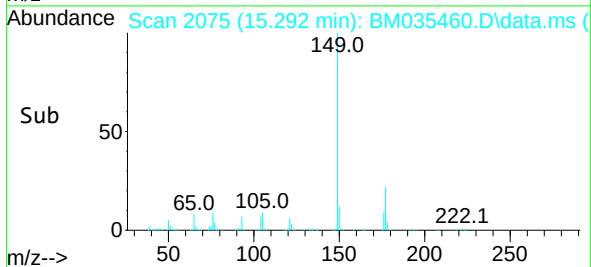
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

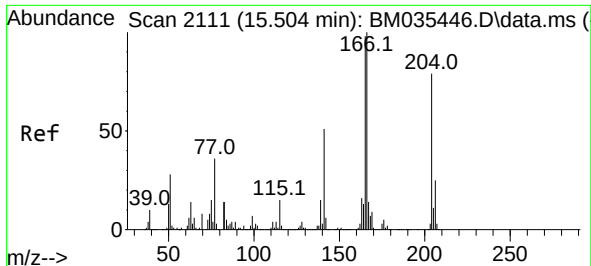


#60
Diethylphthalate
Concen: 53.095 ng
RT: 15.292 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



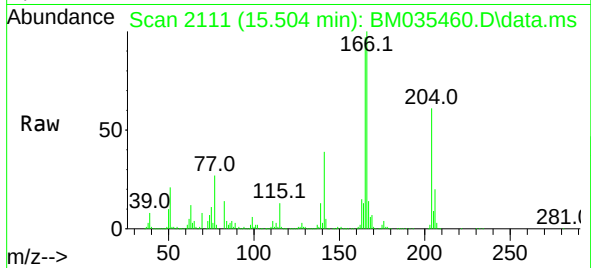
Tgt Ion:149 Resp: 1785992
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 53.390 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

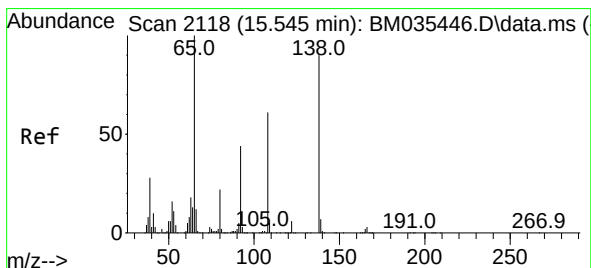
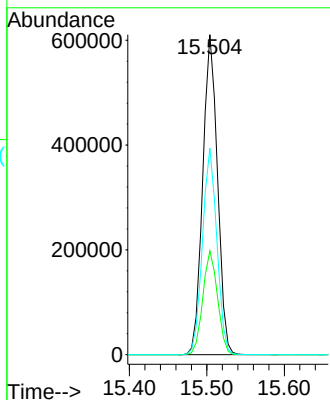
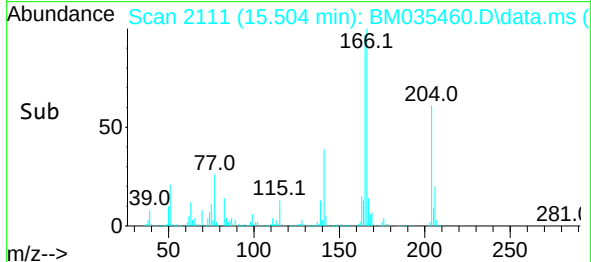
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



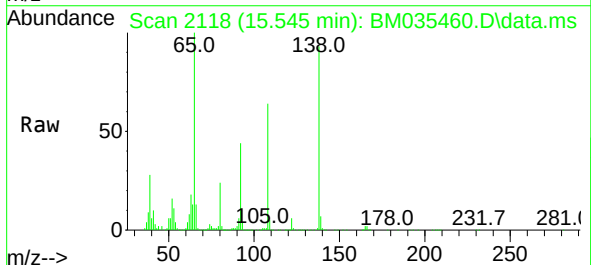
Tgt Ion:204 Resp: 807179
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 64.5 51.2 76.8

Manual Integrations
APPROVED

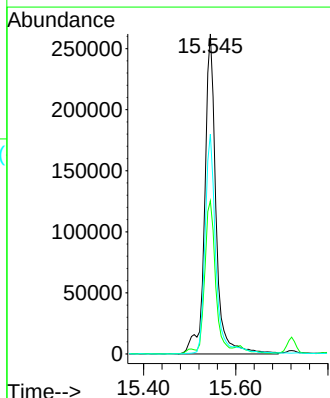
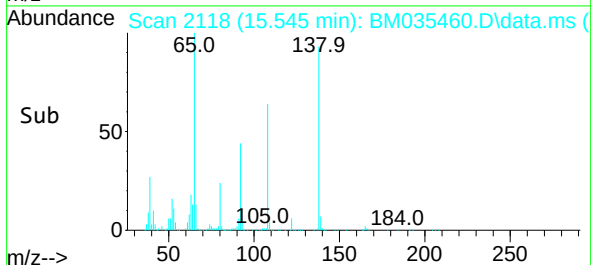
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

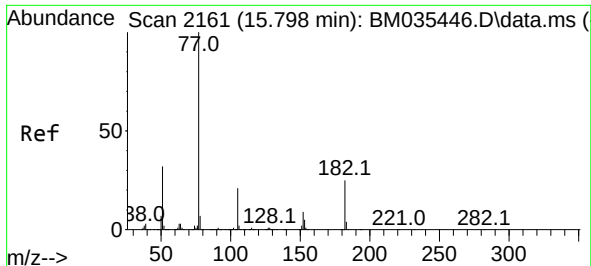


#62
4-Nitroaniline
Concen: 60.270 ng
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



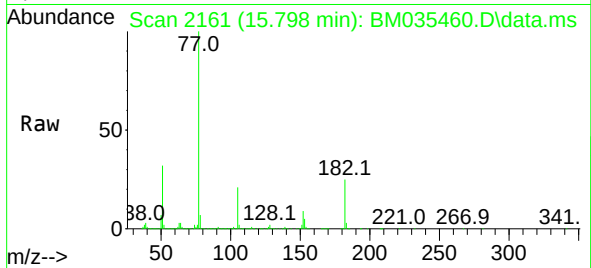
Tgt Ion:138 Resp: 450410
Ion Ratio Lower Upper
138 100
92 47.8 30.8 70.8
108 68.7 65.7 105.7





#63
Azobenzene
Concen: 52.472 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

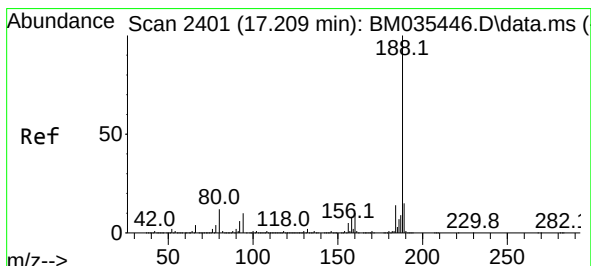
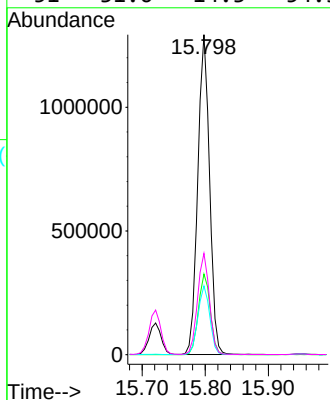
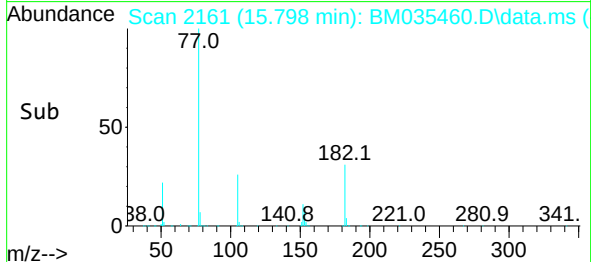
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



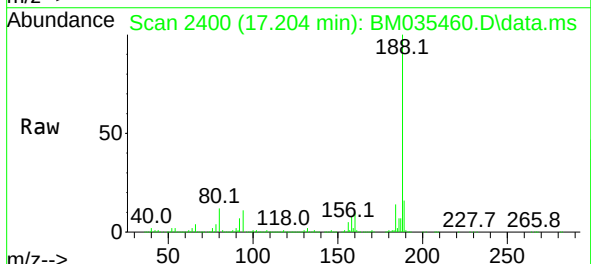
Tgt Ion: 77 Resp: 1671764
Ion Ratio Lower Upper
77 100
182 25.2 4.9 44.9
105 21.5 0.0 39.6
51 31.6 14.3 54.3

Manual Integrations
APPROVED

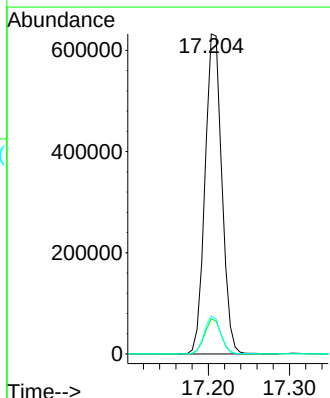
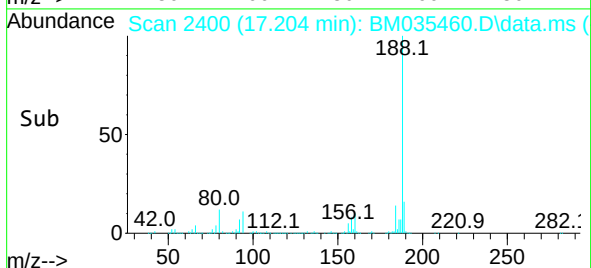
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

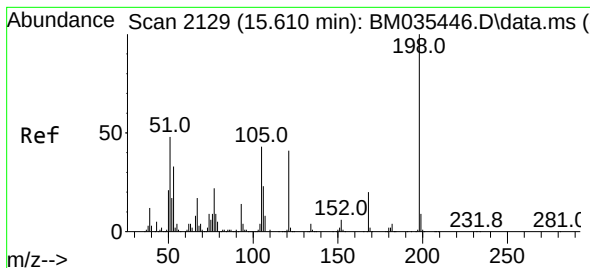


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



Tgt Ion:188 Resp: 907735
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.4#
80 11.9 7.6 11.4#





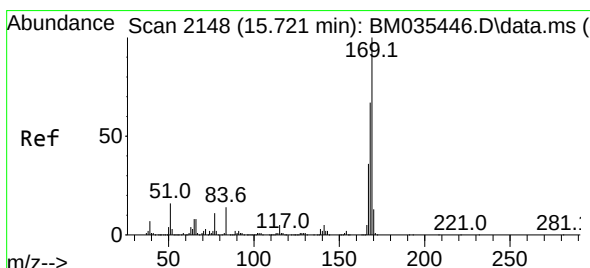
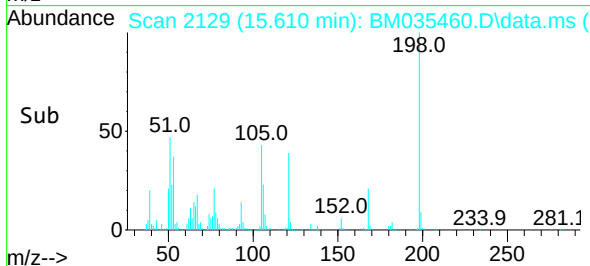
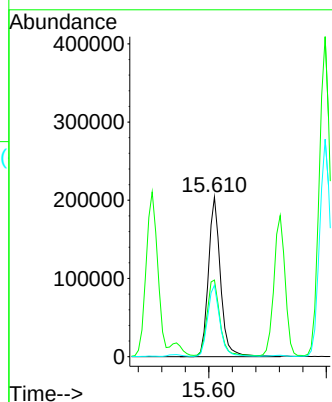
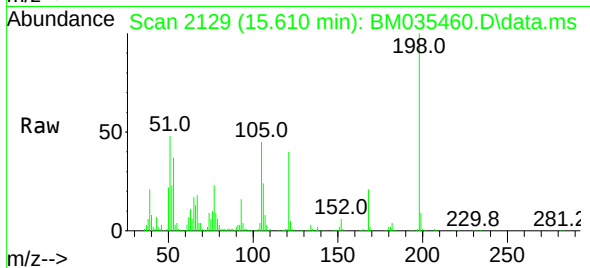
#65
4,6-Dinitro-2-methylphenol
Concen: 50.822 ng
RT: 15.610 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

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

Tgt Ion:198 Resp: 290460
Ion Ratio Lower Upper
198 100
51 48.0 29.0 69.0
105 44.8 22.1 62.1

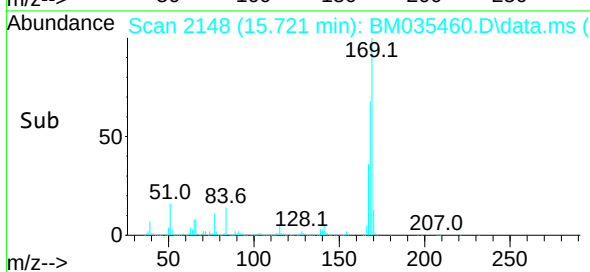
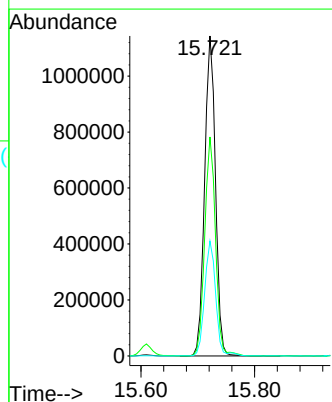
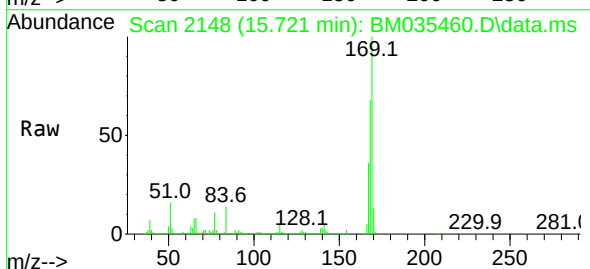
Manual Integrations
APPROVED

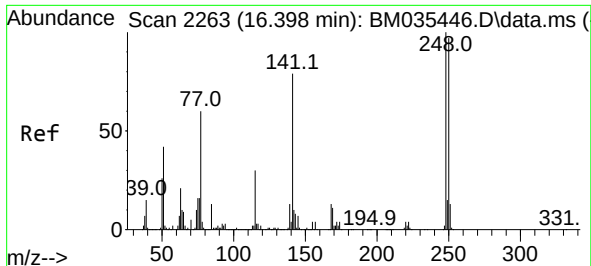
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#66
n-Nitrosodiphenylamine
Concen: 55.870 ng
RT: 15.721 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

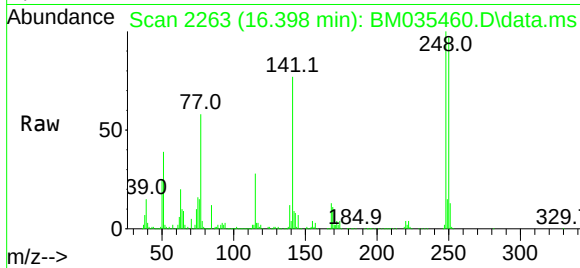
Tgt Ion:169 Resp: 1510245
Ion Ratio Lower Upper
169 100
168 68.4 54.3 81.5
167 35.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 52.595 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

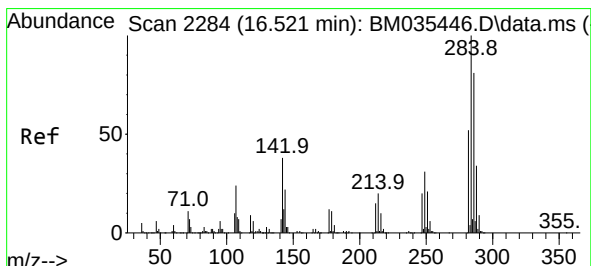
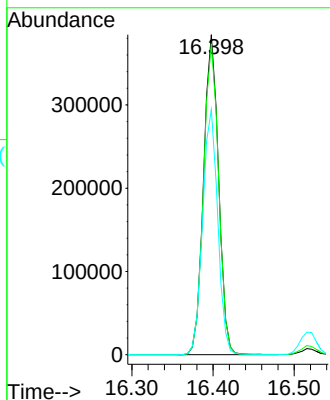
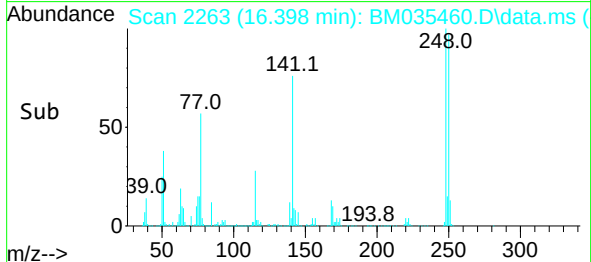
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



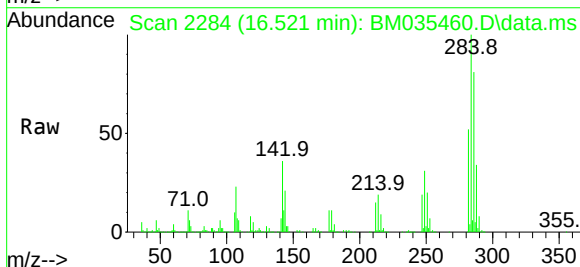
Tgt Ion:248 Resp: 49260
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 76.5 66.0 99.0

Manual Integrations
APPROVED

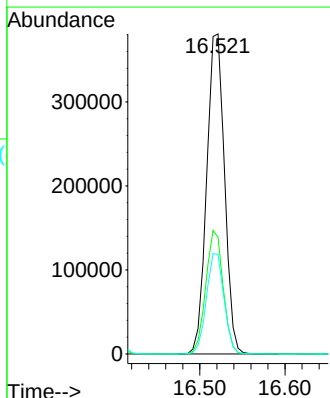
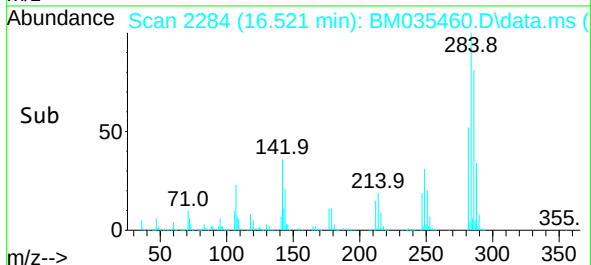
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

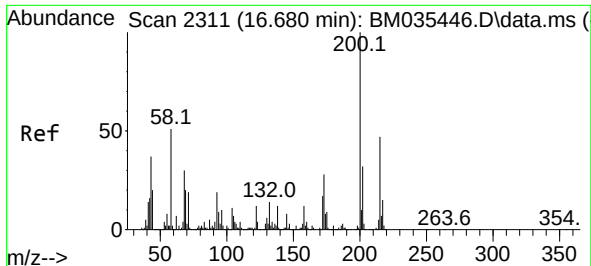


#68
Hexachlorobenzene
Concen: 54.040 ng
RT: 16.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



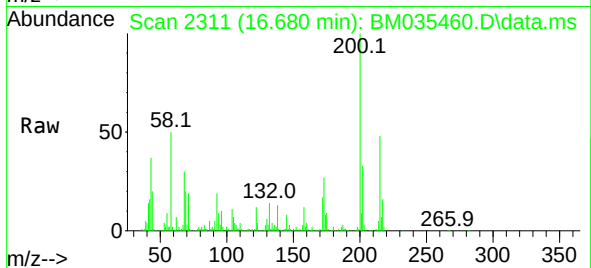
Tgt Ion:284 Resp: 553359
Ion Ratio Lower Upper
284 100
142 36.5 33.6 50.4
249 31.1 26.2 39.2





#69
 Atrazine
 Concen: 60.904 ng
 RT: 16.680 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035460.D
 Acq: 13 Jun 2022 16:48

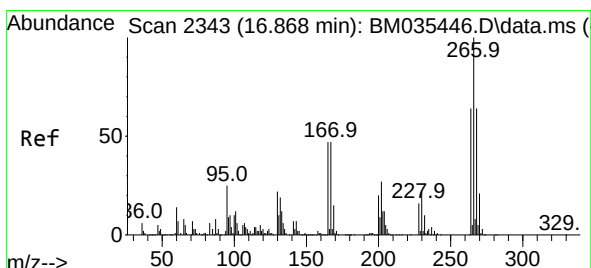
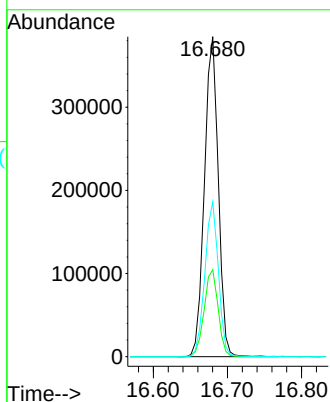
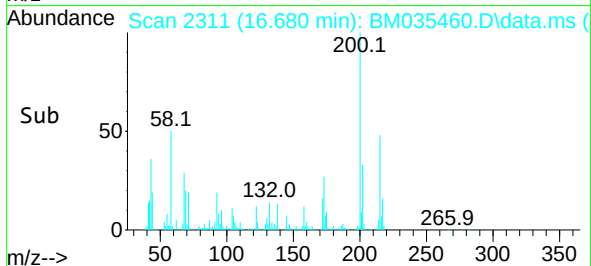
Instrument :
 BNA_M
 ClientSampleId :
 B-220(26-28)MSD



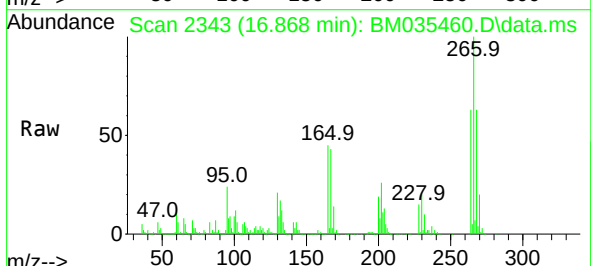
Tgt Ion:200 Resp: 499770
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.6 46.6
 215 48.4 26.2 66.2

Manual Integrations
 APPROVED

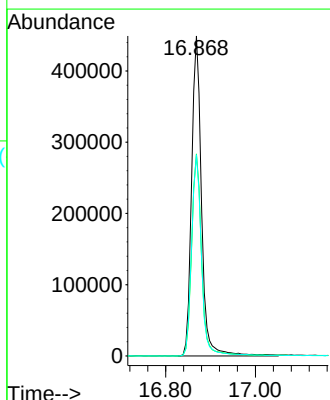
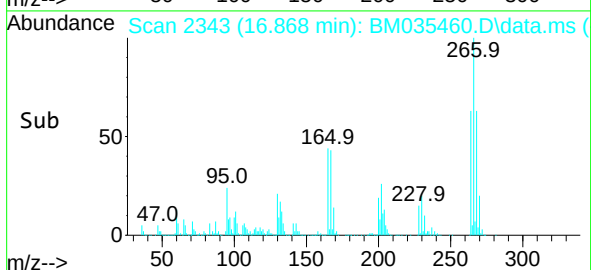
Reviewed By :Christian Giraldo 06/14/2022
 Supervised By :Jagrut Upadhyay 06/14/2022

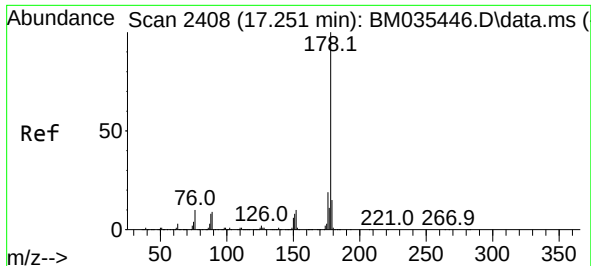


#70
 Pentachlorophenol
 Concen: 128.148 ng
 RT: 16.868 min Scan# 2343
 Delta R.T. 0.000 min
 Lab File: BM035460.D
 Acq: 13 Jun 2022 16:48



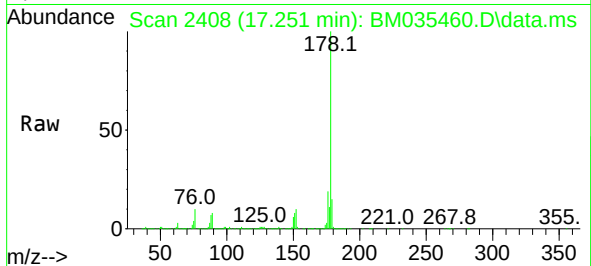
Tgt Ion:266 Resp: 690953
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.9 77.9
 264 62.9 50.6 76.0





#71
Phenanthrene
Concen: 54.905 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

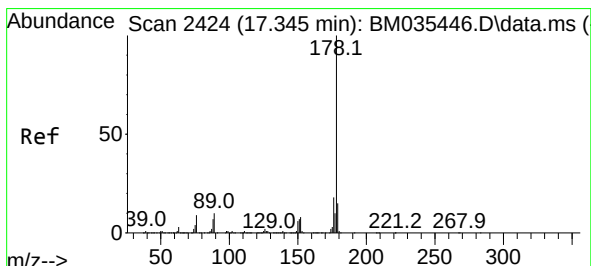
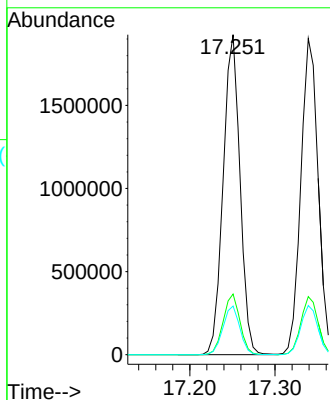
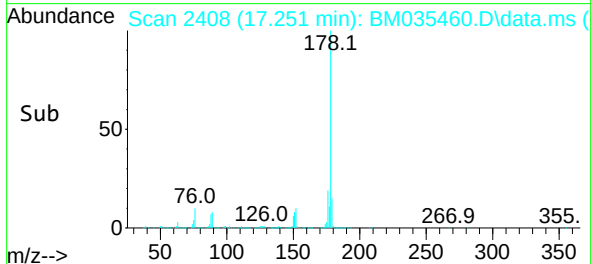
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



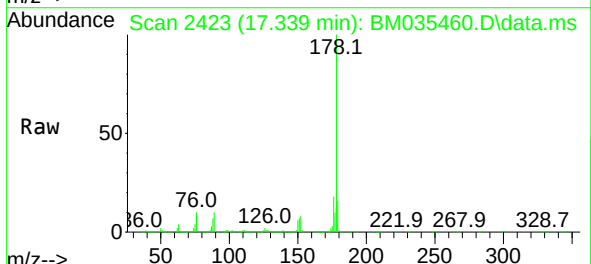
Tgt Ion:178 Resp: 2645097
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.2 12.4 18.6

Manual Integrations
APPROVED

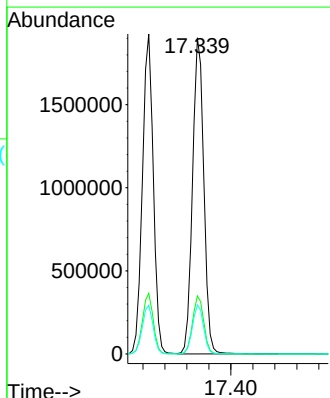
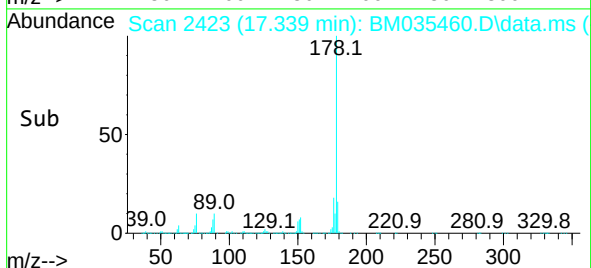
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

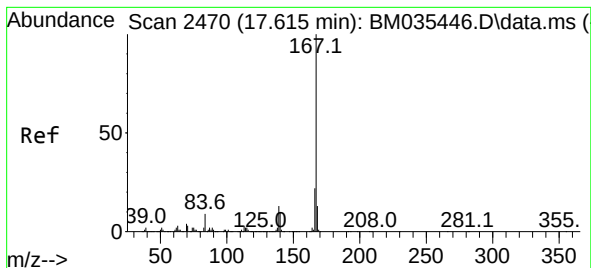


#72
Anthracene
Concen: 57.436 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



Tgt Ion:178 Resp: 2699818
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.6 12.2 18.2





#73

Carbazole

Concen: 56.080 ng

RT: 17.615 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BM035460.D

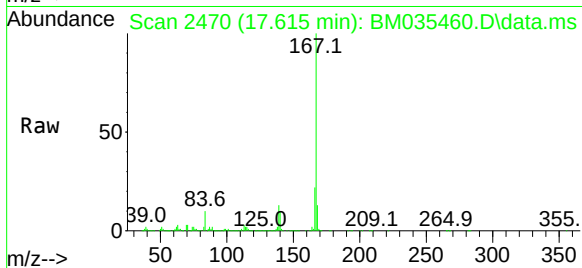
Acq: 13 Jun 2022 16:48

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MSD



Tgt Ion:167 Resp: 2556030

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

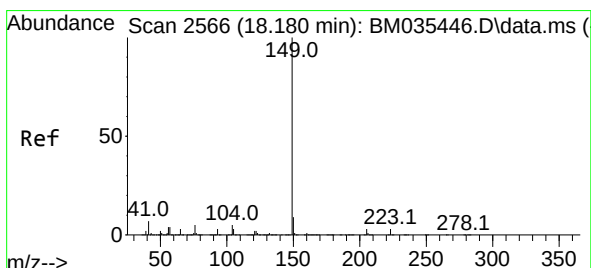
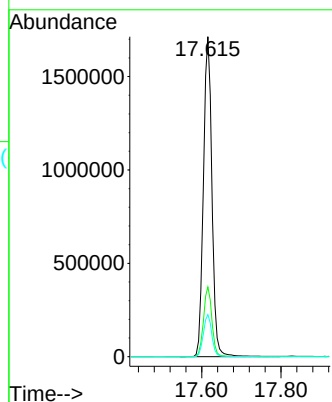
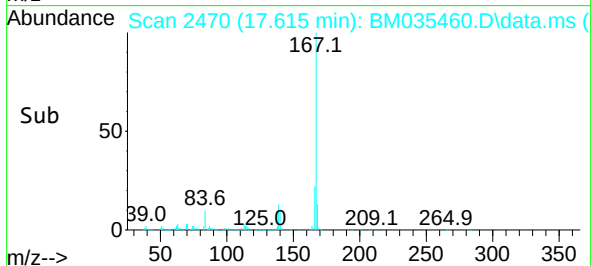
139 13.1 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#74

Di-n-butylphthalate

Concen: 56.931 ng

RT: 18.180 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BM035460.D

Acq: 13 Jun 2022 16:48

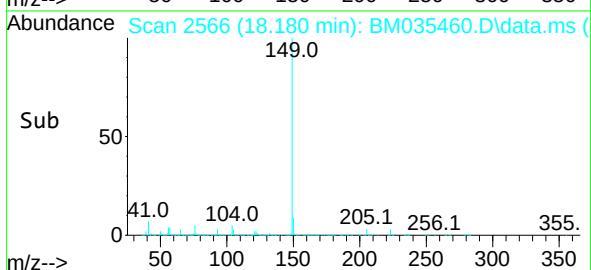
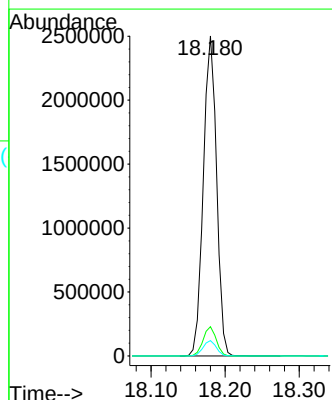
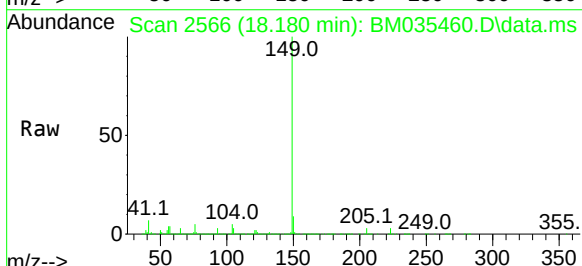
Tgt Ion:149 Resp: 3103548

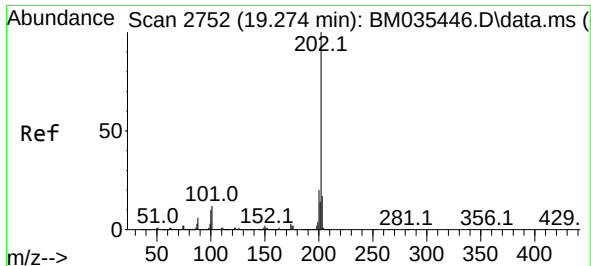
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

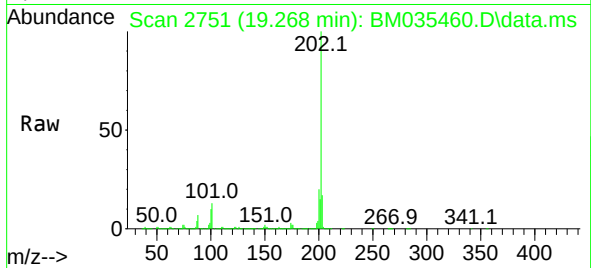
104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 60.323 ng
RT: 19.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

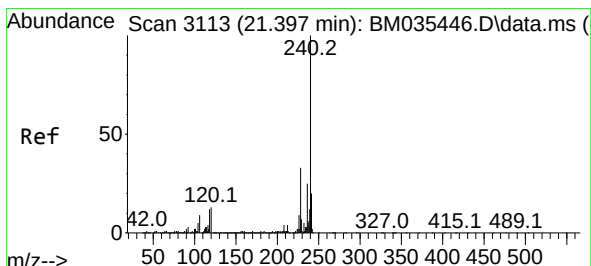
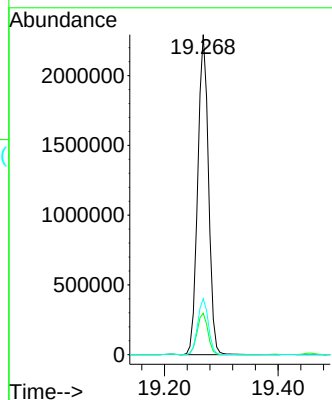
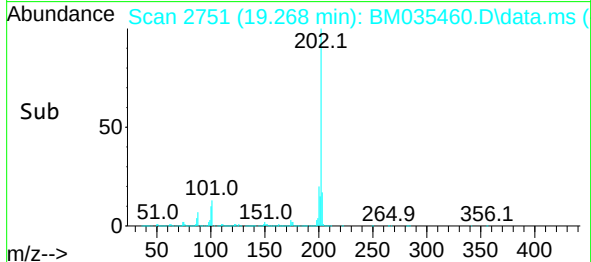
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



Tgt Ion:202 Resp: 301779
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.6
203 17.5 0.0 37.4

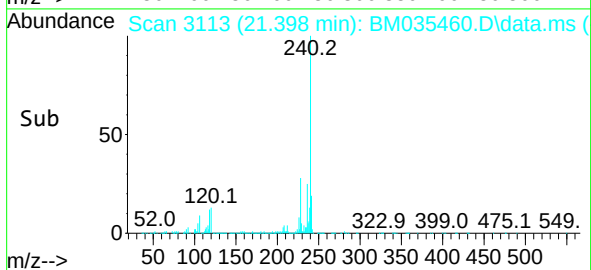
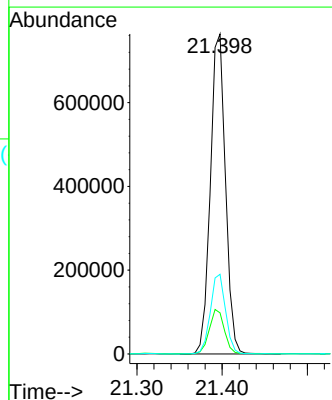
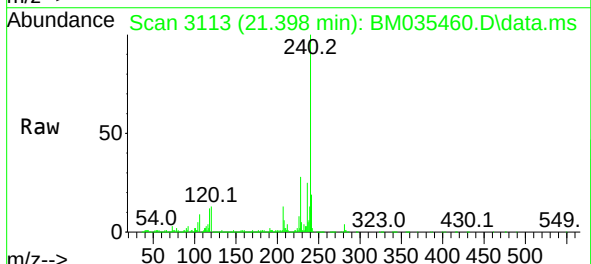
Manual Integrations
APPROVED

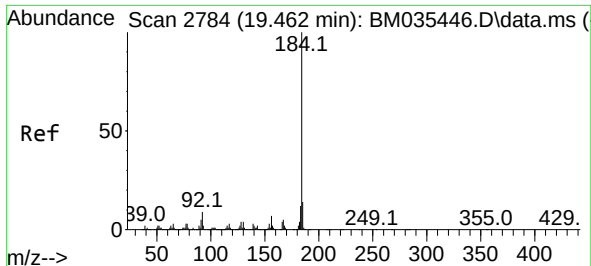
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

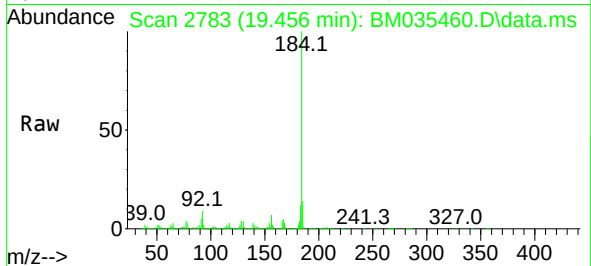
Tgt Ion:240 Resp: 941720
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.0
236 24.9 20.6 30.8





#77
Benzidine
Concen: 124.756 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

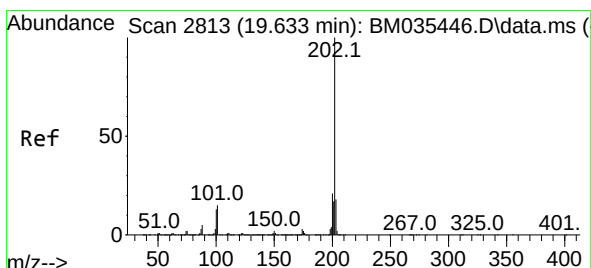
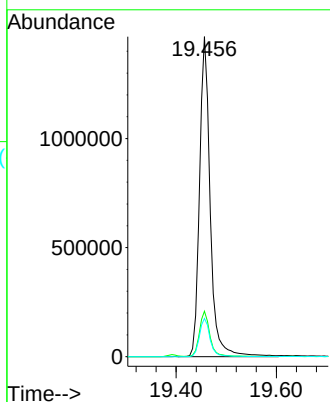
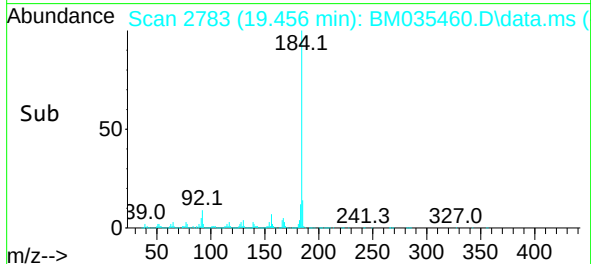
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



Tgt Ion:184 Resp: 215970
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.0 9.5 14.3

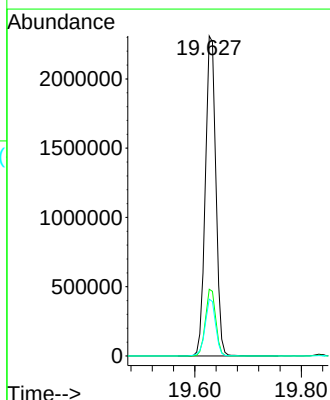
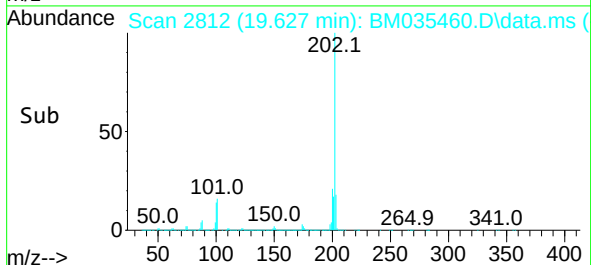
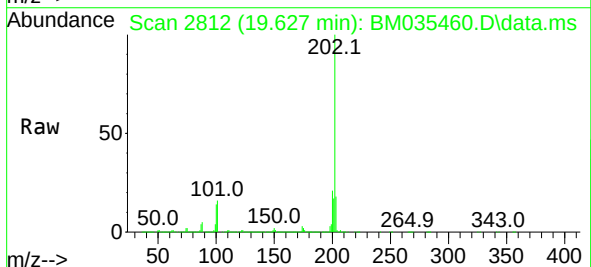
Manual Integrations
APPROVED

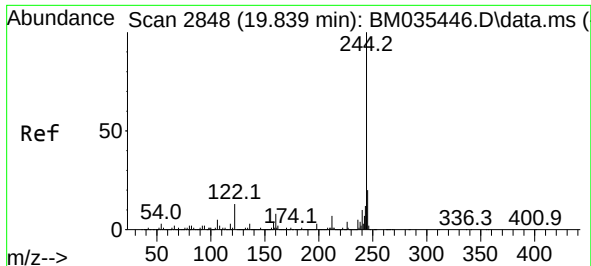
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#78
Pyrene
Concen: 47.631 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

Tgt Ion:202 Resp: 3148355
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.8 13.9 20.9





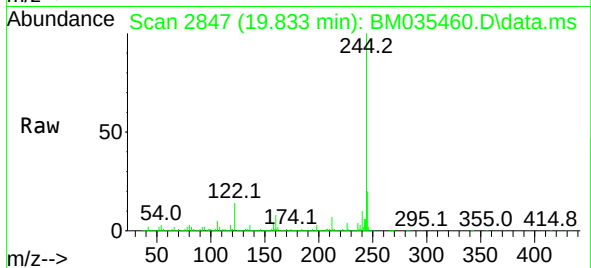
#79
 Terphenyl-d14
 Concen: 82.834 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035460.D
 Acq: 13 Jun 2022 16:48

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MSD



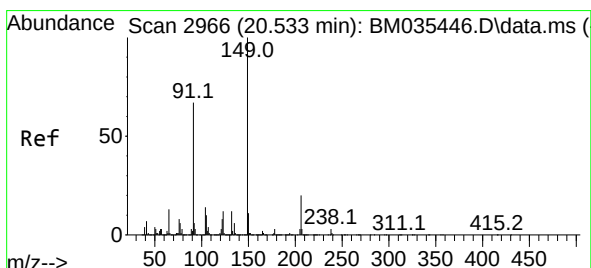
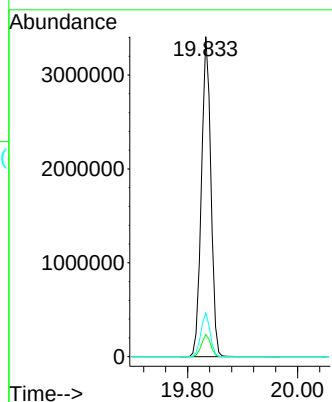
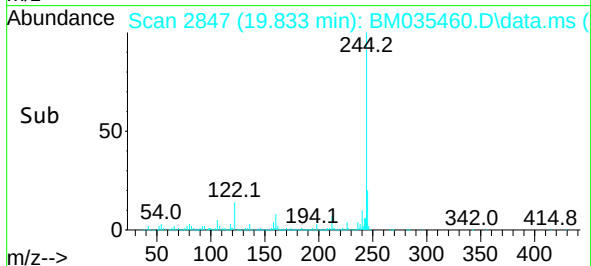
Tgt Ion:244 Resp: 4085520
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 13.7 8.3 12.5

Manual Integrations

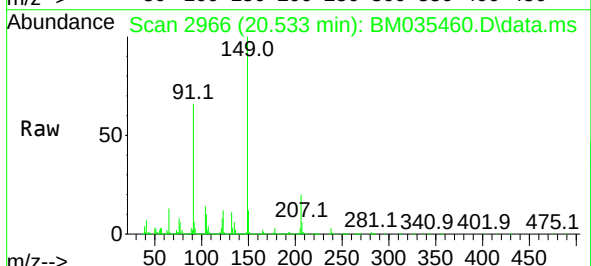
APPROVED

Reviewed By :Christian Giraldo 06/14/2022

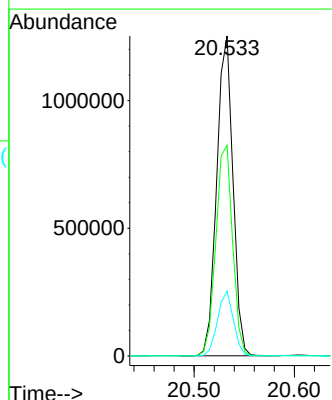
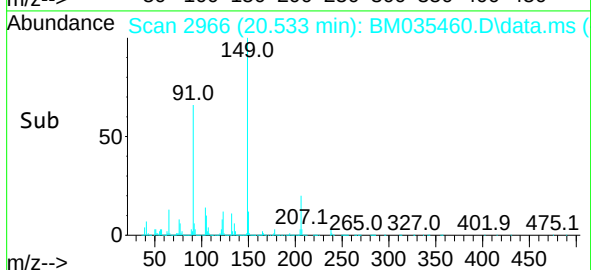
Supervised By :Jagrut Upadhyay 06/14/2022

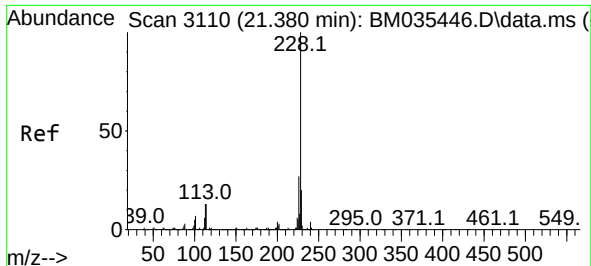


#80
 Butylbenzylphthalate
 Concen: 48.014 ng
 RT: 20.533 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BM035460.D
 Acq: 13 Jun 2022 16:48



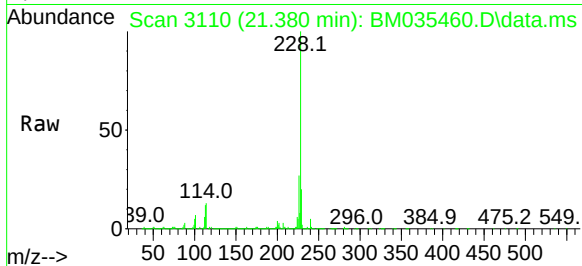
Tgt Ion:149 Resp: 1405836
 Ion Ratio Lower Upper
 149 100
 91 65.8 56.6 85.0
 206 20.3 15.4 23.0





#81
Benzo(a)anthracene
Concen: 54.374 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

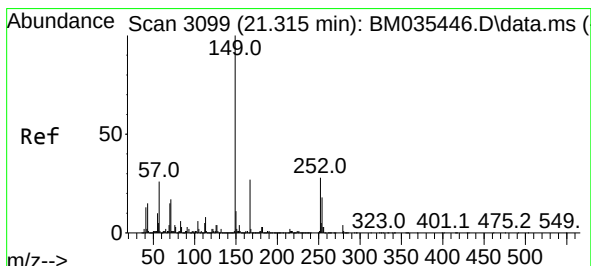
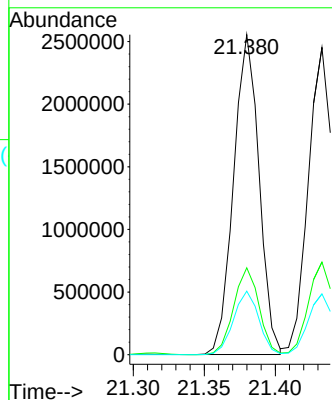
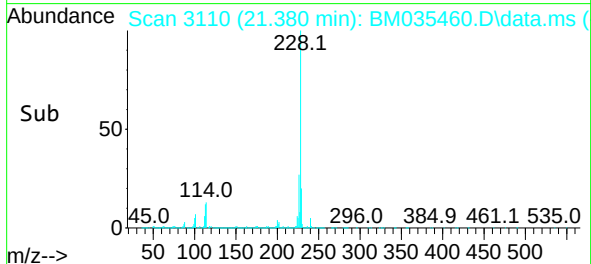
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



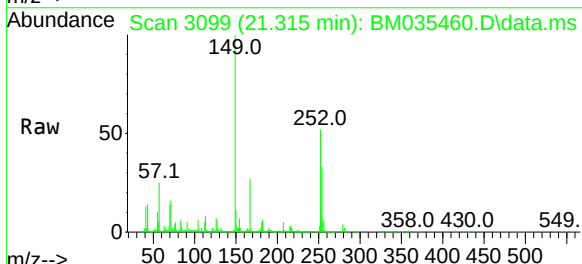
Tgt Ion:228 Resp: 3189999
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.8 15.8 23.6

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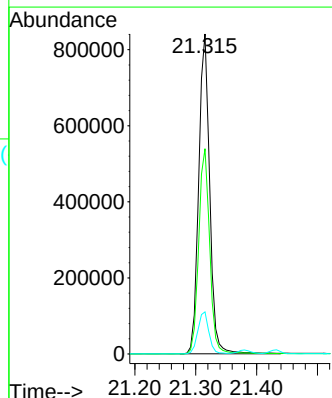
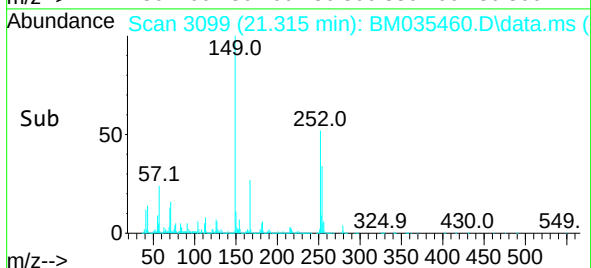
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

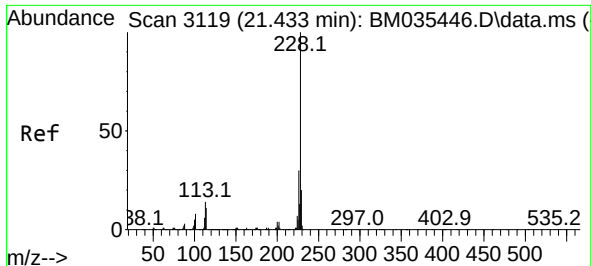


#82
3,3'-Dichlorobenzidine
Concen: 78.120 ng
RT: 21.315 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



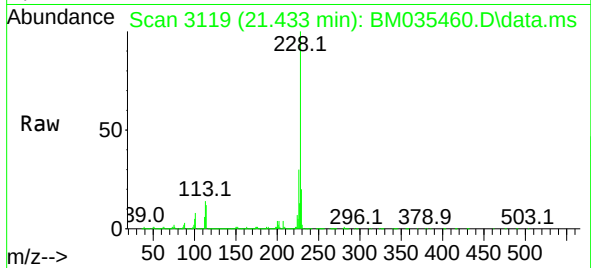
Tgt Ion:252 Resp: 1055110
Ion Ratio Lower Upper
252 100
254 64.1 51.7 77.5
126 13.2 9.4 14.0





#83
Chrysene
Concen: 53.515 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

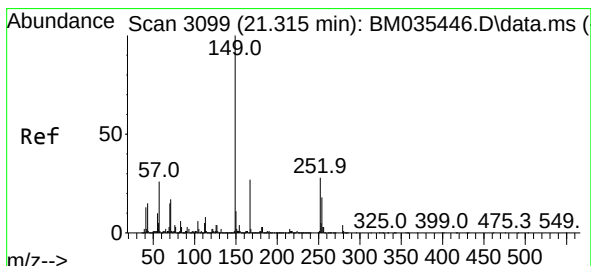
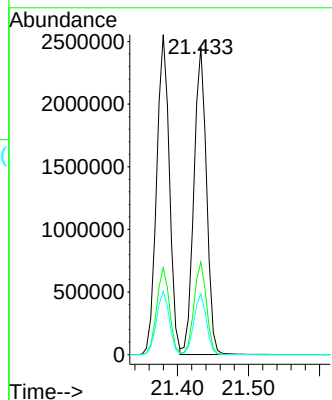
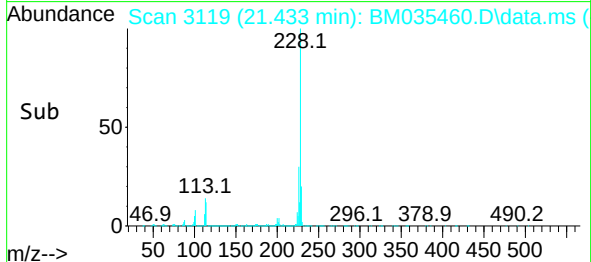
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



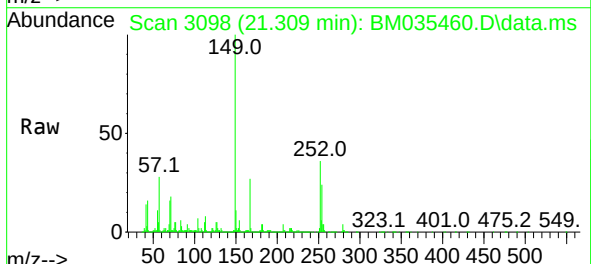
Tgt Ion:228 Resp: 303258
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.8 15.8 23.8

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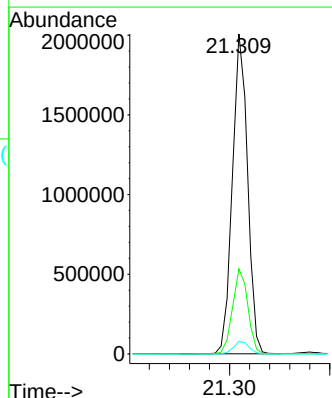
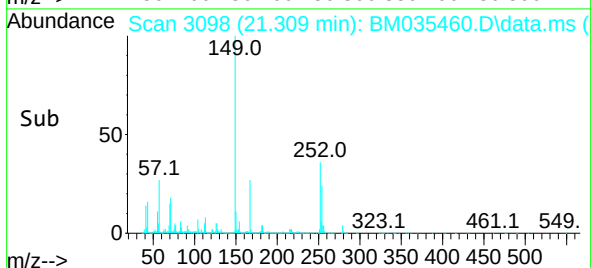
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

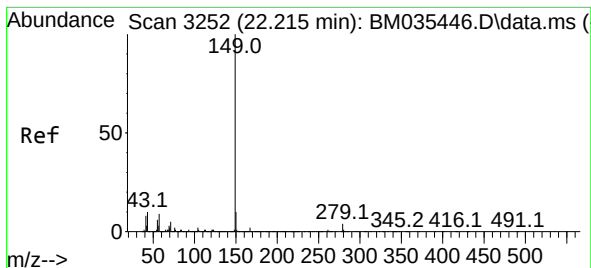


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.001 ng
RT: 21.309 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



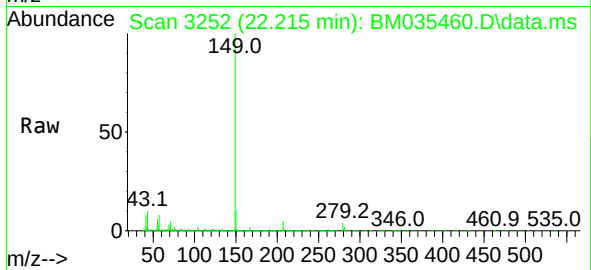
Tgt Ion:149 Resp: 2099737
Ion Ratio Lower Upper
149 100
167 26.6 21.1 31.7
279 3.9 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 56.205 ng
RT: 22.215 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

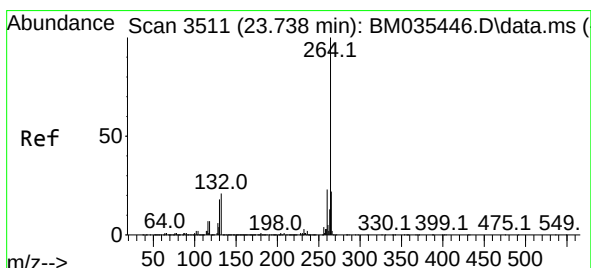
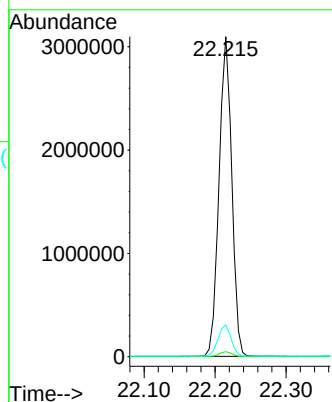
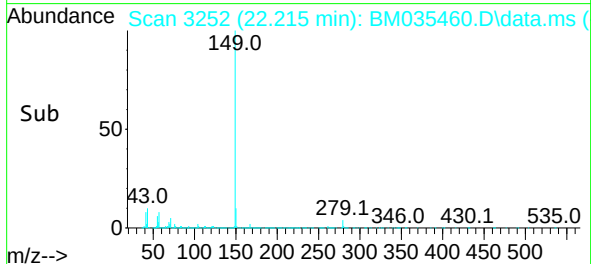
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



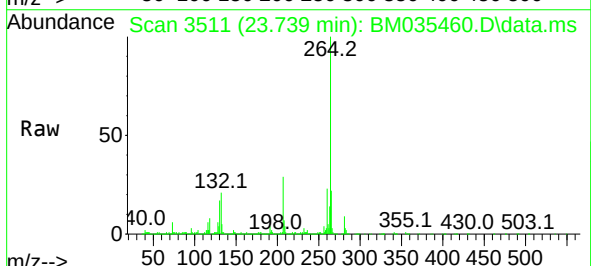
Tgt Ion:149 Resp: 3834690
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.6 12.8

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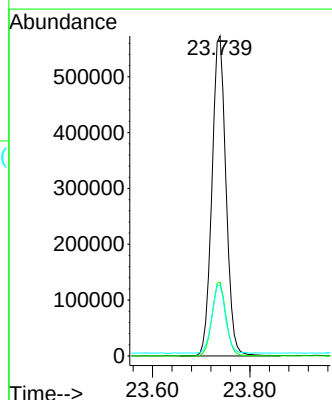
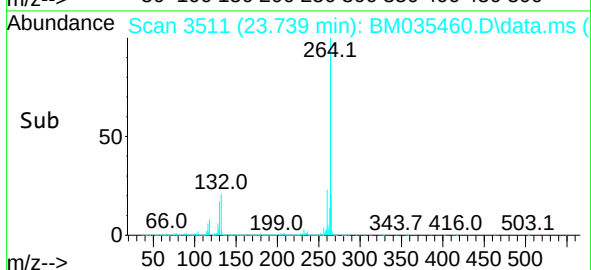
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

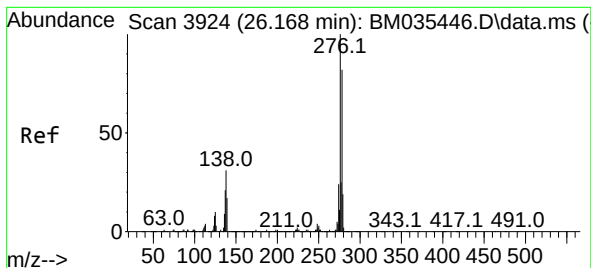


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



Tgt Ion:264 Resp: 1141438
Ion Ratio Lower Upper
264 100
260 23.1 18.9 28.3
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.318 ng

RT: 26.168 min Scan# 3924

Delta R.T. 0.000 min

Lab File: BM035460.D

Acq: 13 Jun 2022 16:48

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)MSD

Tgt Ion:276 Resp: 4283194

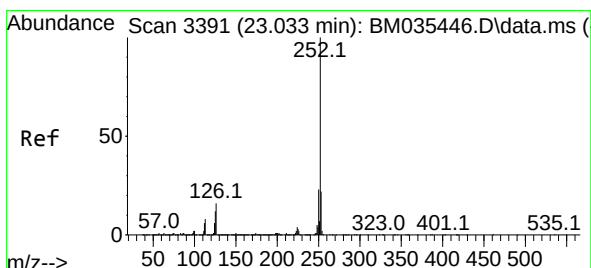
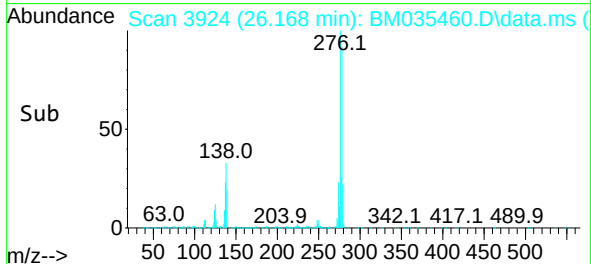
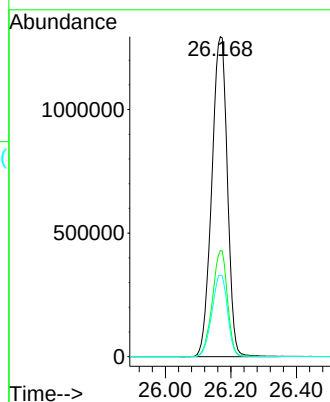
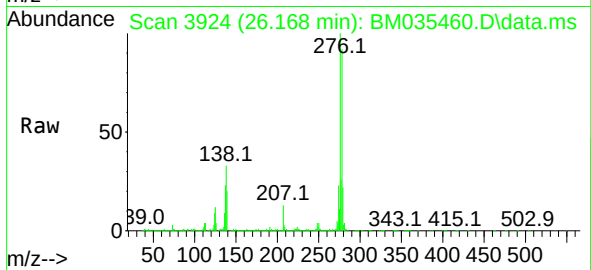
Ion	Ratio	Lower	Upper
276	100		
138	32.0	20.2	30.4
277	25.5	20.2	30.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/14/2022

Supervised By :Jagrut Upadhyay 06/14/2022



#88

Benzo(b)fluoranthene

Concen: 54.459 ng

RT: 23.027 min Scan# 3390

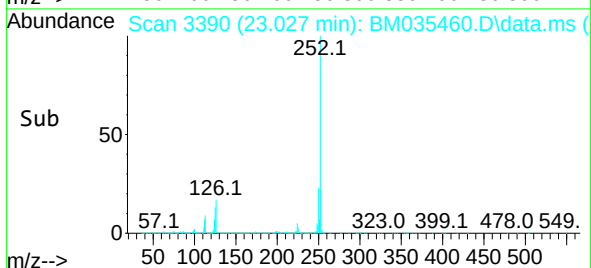
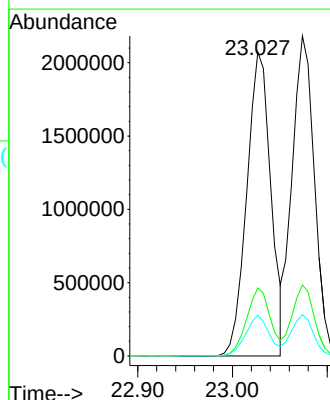
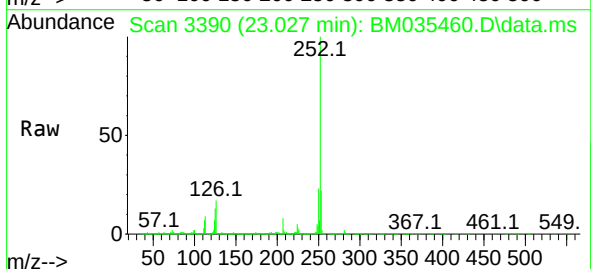
Delta R.T. -0.006 min

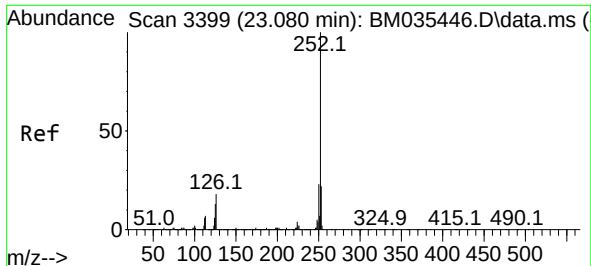
Lab File: BM035460.D

Acq: 13 Jun 2022 16:48

Tgt Ion:252 Resp: 3661465

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	13.4	7.6	11.4





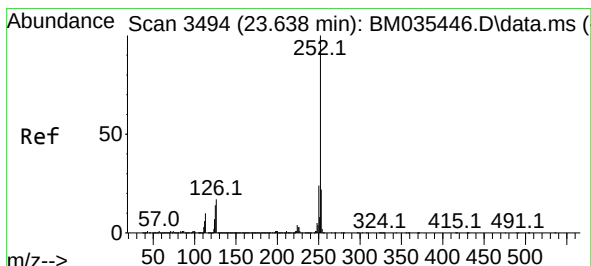
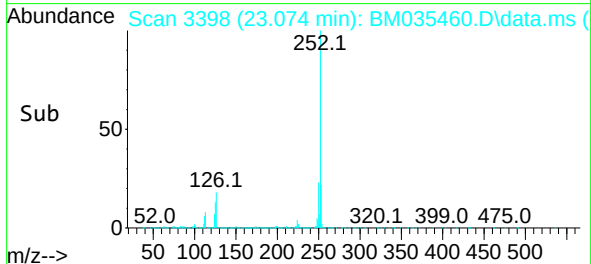
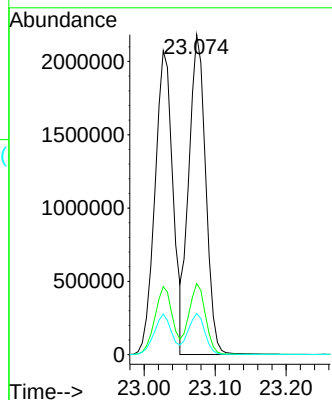
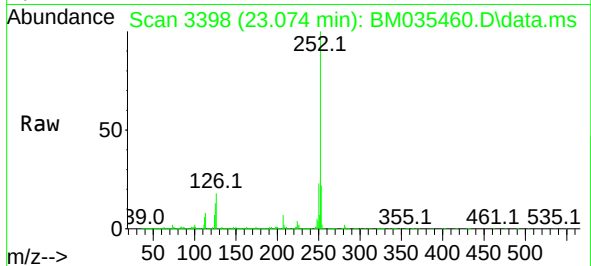
#89
Benzo(k)fluoranthene
Concen: 52.745 ng
RT: 23.074 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

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

Tgt Ion:252 Resp: 359016
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.8 7.6 11.4

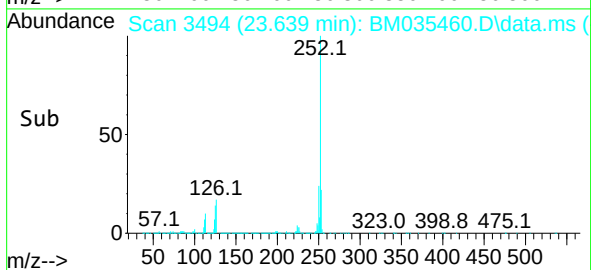
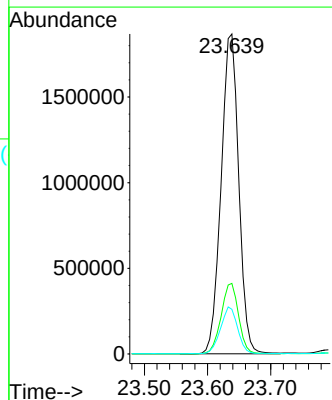
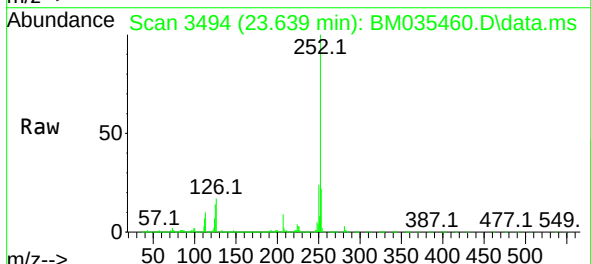
Manual Integrations
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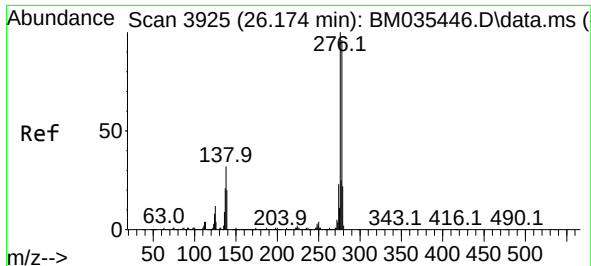
Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022



#90
Benzo(a)pyrene
Concen: 63.806 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

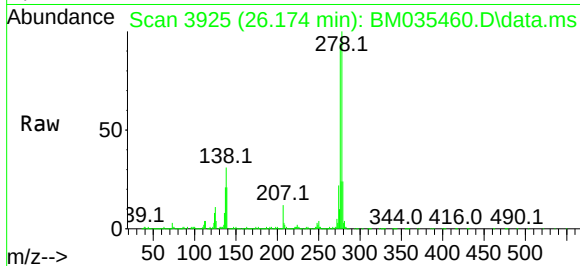
Tgt Ion:252 Resp: 3619342
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 14.0 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 57.321 ng
RT: 26.174 min Scan# 3925
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48

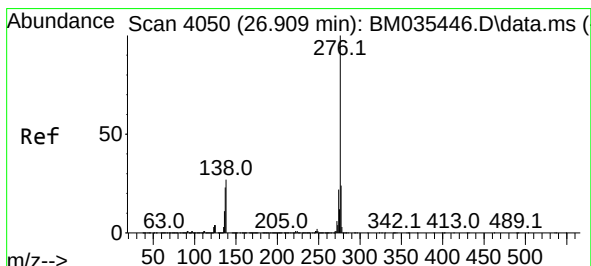
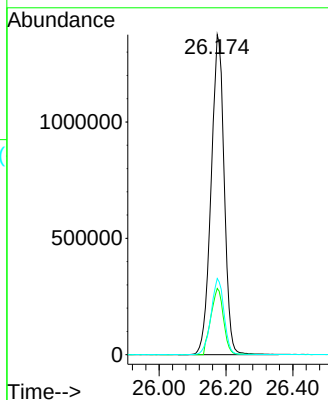
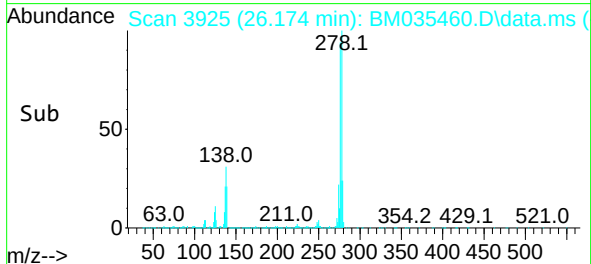
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MSD



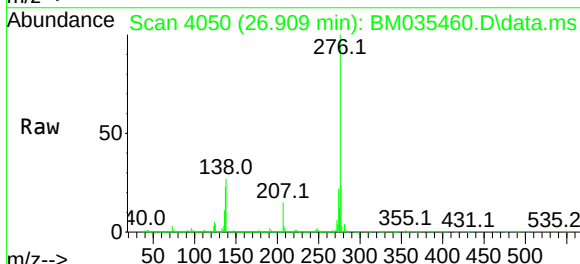
Tgt Ion:278 Resp: 3739220
Ion Ratio Lower Upper
278 100
139 20.7 12.9 19.3
279 23.8 18.7 28.1

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



#92
Benzo(g,h,i)perylene
Concen: 57.557 ng
RT: 26.909 min Scan# 4050
Delta R.T. 0.000 min
Lab File: BM035460.D
Acq: 13 Jun 2022 16:48



Tgt Ion:276 Resp: 3734717
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 26.7 17.6 26.4

