

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038533.D
 Acq On : 25 Jan 2023 15:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2023
 Supervised By : Jagrut Upadhyay 01/26/2023

Quant Time: Jan 25 23:16:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	57787	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	217098	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	157514	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	389425	20.000	ng	0.00
76) Chrysene-d12	21.515	240	457084	20.000	ng	0.00
86) Perylene-d12	23.927	264	524254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	292593	83.703	ng	0.00
7) Phenol-d6	7.128	99	380361	85.283	ng	0.00
23) Nitrobenzene-d5	9.139	82	421289	84.268	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	212550	93.707	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1045482	81.761	ng	0.00
79) Terphenyl-d14	19.956	244	1846017	78.735	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	66301	40.438	ng	96
3) Pyridine	3.787	79	180411	41.896	ng	97
4) n-Nitrosodimethylamine	3.704	42	90110	44.081	ng	96
6) Aniline	7.293	93	235155	42.477	ng	99
8) 2-Chlorophenol	7.528	128	151987	42.562	ng	98
9) Benzaldehyde	7.104	77	108297m	40.937	ng	
10) Phenol	7.157	94	189755	42.577	ng	96
11) bis(2-Chloroethyl)ether	7.393	93	151888	43.195	ng	97
12) 1,3-Dichlorobenzene	7.851	146	169340	41.712	ng	98
13) 1,4-Dichlorobenzene	7.998	146	172725	42.108	ng	99
14) 1,2-Dichlorobenzene	8.316	146	169761	42.727	ng	99
15) Benzyl Alcohol	8.216	79	152467	45.722	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	159625	43.228	ng	99
17) 2-Methylphenol	8.410	107	137560	43.611	ng	97
18) Hexachloroethane	9.045	117	67608	44.334	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	140609	46.196	ng	97
20) 3+4-Methylphenols	8.745	107	188136	44.502	ng	97
22) Acetophenone	8.798	105	248358	41.527	ng	# 97
24) Nitrobenzene	9.181	77	213099	42.127	ng	98
25) Isophorone	9.704	82	350661	42.503	ng	98
26) 2-Nitrophenol	9.892	139	82987	41.331	ng	98
27) 2,4-Dimethylphenol	9.951	122	137639	41.189	ng	93
28) bis(2-Chloroethoxy)met...	10.186	93	207479	42.989	ng	99
29) 2,4-Dichlorophenol	10.422	162	169559	43.251	ng	100
30) 1,2,4-Trichlorobenzene	10.639	180	192218	42.874	ng	97
31) Naphthalene	10.828	128	486391	41.240	ng	98
32) Benzoic acid	10.092	122	98630	38.893	ng	93
33) 4-Chloroaniline	10.945	127	210171	42.694	ng	97
34) Hexachlorobutadiene	11.098	225	127838	43.349	ng	99
35) Caprolactam	11.739	113	42779	45.009	ng	97
36) 4-Chloro-3-methylphenol	12.063	107	162005	45.444	ng	95
37) 2-Methylnaphthalene	12.427	142	368056	43.424	ng	97
38) 1-Methylnaphthalene	12.651	142	346113	43.298	ng	97
40) 1,2,4,5-Tetrachloroben...	12.798	216	238252	40.210	ng	98
41) Hexachlorocyclopentadiene	12.769	237	134866	41.414	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	155345	40.956	ng	99

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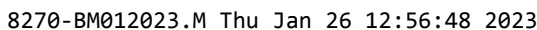
Quant Time: Jan 25 23:16:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
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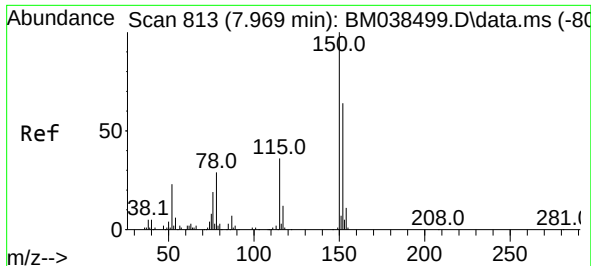
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	181323	40.816	ng	97
46) 1,1'-Biphenyl	13.439	154	497059	39.403	ng	99
47) 2-Chloronaphthalene	13.480	162	391459	39.752	ng	99
48) 2-Nitroaniline	13.692	65	124107	42.915	ng	97
49) Acenaphthylene	14.321	152	630280	40.909	ng	99
50) Dimethylphthalate	14.063	163	500557	41.283	ng	99
51) 2,6-Dinitrotoluene	14.186	165	107291	42.047	ng	97
52) Acenaphthene	14.663	154	383336	40.797	ng	97
53) 3-Nitroaniline	14.516	138	109130	43.037	ng	98
54) 2,4-Dinitrophenol	14.727	184	74069	39.673	ng	94
55) Dibenzofuran	14.998	168	658056	41.890	ng	99
56) 4-Nitrophenol	14.821	139	85820	41.097	ng	91
57) 2,4-Dinitrotoluene	14.974	165	153514	44.381	ng	# 96
58) Fluorene	15.645	166	562648	44.168	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	161113	44.369	ng	99
60) Diethylphthalate	15.416	149	520448	43.831	ng	100
61) 4-Chlorophenyl-phenyle...	15.633	204	297966	44.552	ng	99
62) 4-Nitroaniline	15.680	138	119378	41.315	ng	97
63) Azobenzene	15.927	77	554424	44.070	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	106774	42.240	ng	99
66) n-Nitrosodiphenylamine	15.851	169	477529	40.847	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	182060	42.148	ng	98
68) Hexachlorobenzene	16.645	284	198128	42.506	ng	99
69) Atrazine	16.804	200	164758	42.242	ng	99
70) Pentachlorophenol	16.992	266	147257	44.370	ng	97
71) Phenanthrene	17.386	178	917978	42.211	ng	100
72) Anthracene	17.474	178	949793	42.921	ng	100
73) Carbazole	17.751	167	843314	43.274	ng	100
74) Di-n-butylphthalate	18.298	149	950325	44.387	ng	100
75) Fluoranthene	19.392	202	1169390	44.741	ng	99
77) Benzidine	19.580	184	438432	42.092	ng	99
78) Pyrene	19.756	202	1265829	39.772	ng	99
80) Butylbenzylphthalate	20.645	149	456971	41.521	ng	99
81) Benzo(a)anthracene	21.497	228	1335132	41.223	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	449721	43.228	ng	98
83) Chrysene	21.556	228	1312700	41.444	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	690513	43.293	ng	99
85) Di-n-octyl phthalate	22.339	149	1235844	43.575	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	1628092	41.968	ng	100
88) Benzo(b)fluoranthene	23.191	252	1347863	42.620	ng	100
89) Benzo(k)fluoranthene	23.239	252	1381856	42.228	ng	99
90) Benzo(a)pyrene	23.821	252	1335837	42.605	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1361531	42.165	ng	99
92) Benzo(g,h,i)perylene	27.221	276	1375125	41.574	ng	99

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

Manual Integrations APPROVED

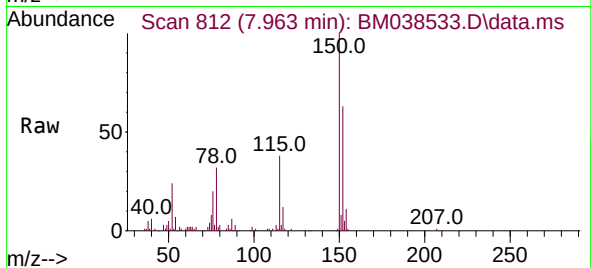
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

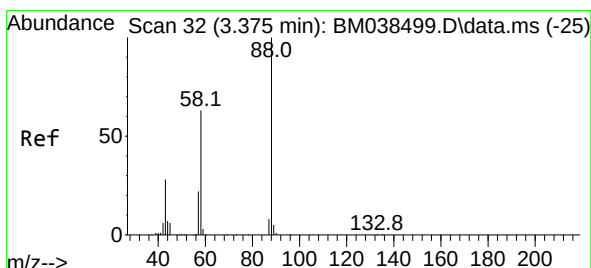
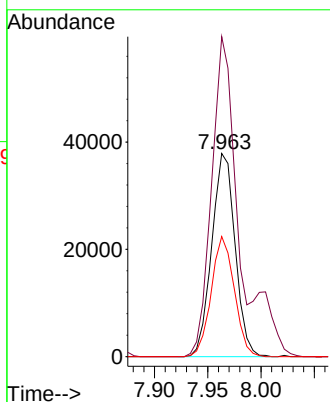
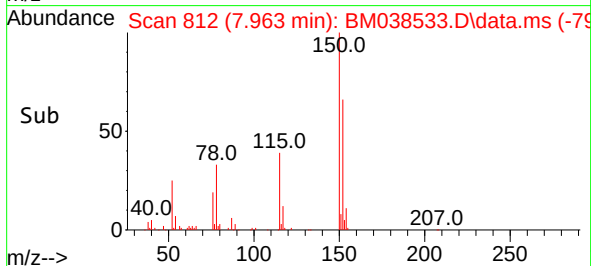
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 5778
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.4
115 59.1 44.8 67.2

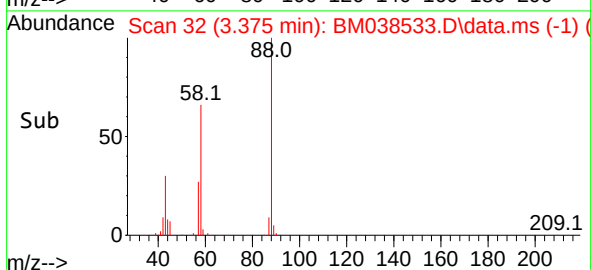
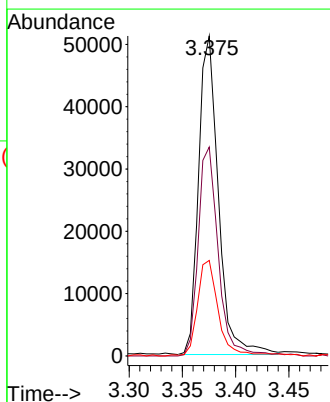
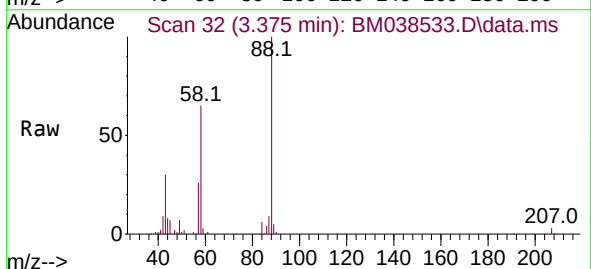
Manual Integrations
APPROVED

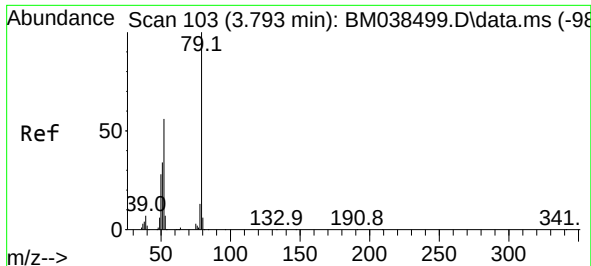
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#2
1,4-Dioxane
Concen: 40.438 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

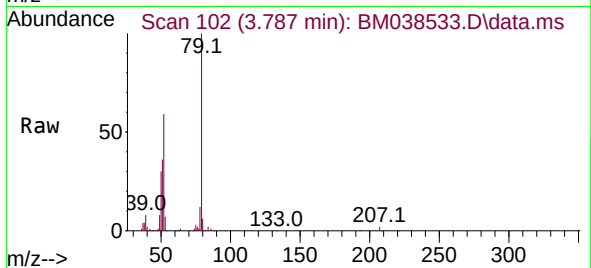
Tgt Ion: 88 Resp: 66301
Ion Ratio Lower Upper
88 100
58 66.1 50.5 75.7
43 31.8 23.9 35.9





#3
Pyridine
Concen: 41.896 ng
RT: 3.787 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

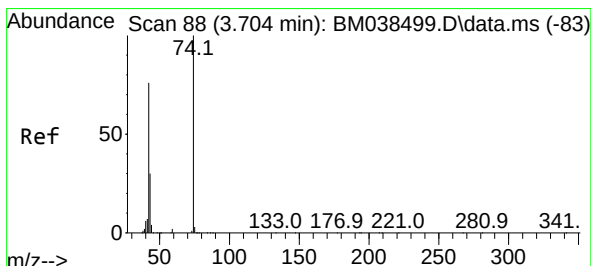
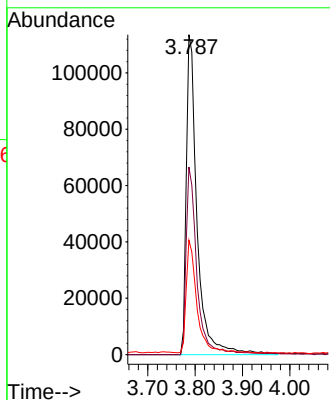
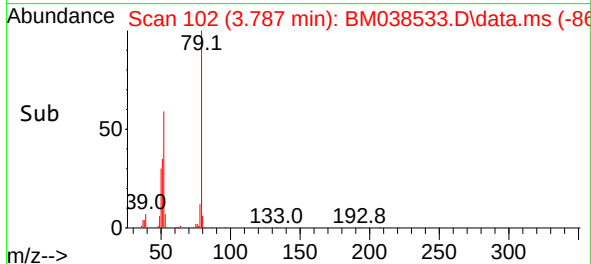
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



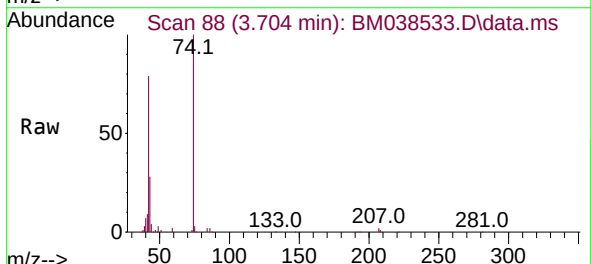
Tgt Ion: 79 Resp: 18041
Ion Ratio Lower Upper
79 100
52 58.6 45.0 67.4
51 35.7 27.1 40.7

Manual Integrations
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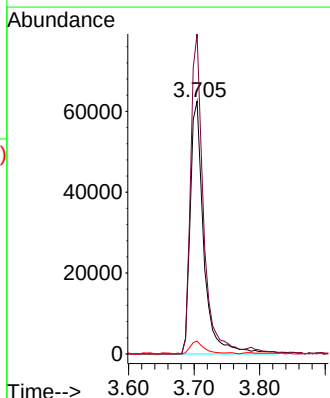
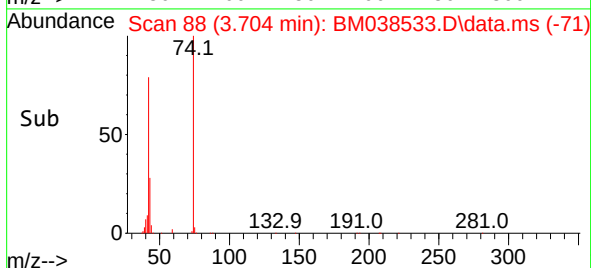
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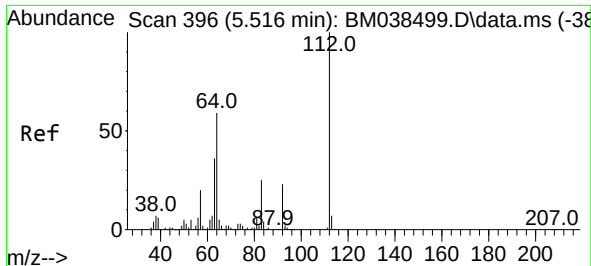


#4
n-Nitrosodimethylamine
Concen: 44.081 ng
RT: 3.704 min Scan# 88
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



Tgt Ion: 42 Resp: 90110
Ion Ratio Lower Upper
42 100
74 126.7 105.0 157.4
44 5.0 4.1 6.1





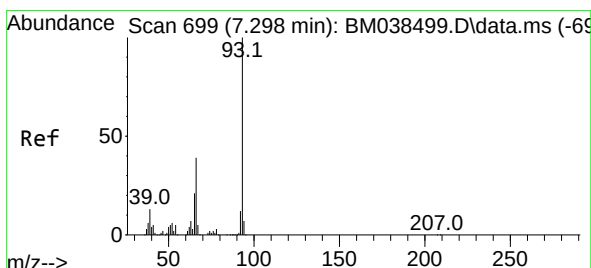
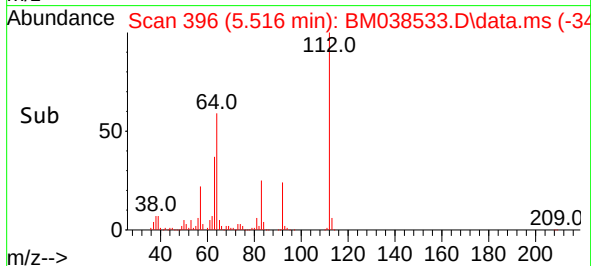
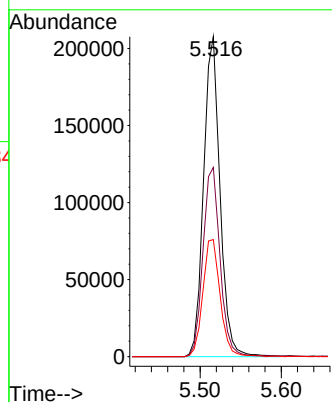
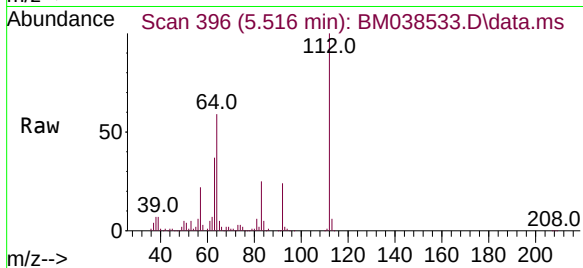
#5
2-Fluorophenol
Concen: 83.703 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 112 Resp: 292593
Ion Ratio Lower Upper
112 100
64 59.1 47.3 70.9
63 36.6 28.8 43.2

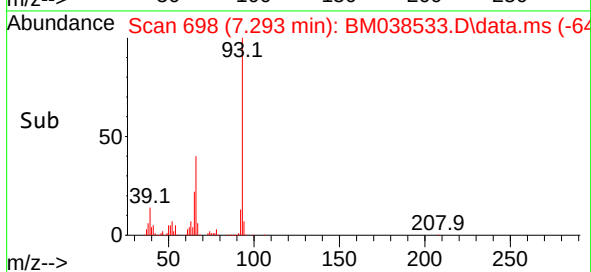
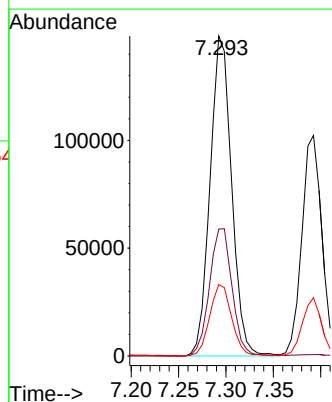
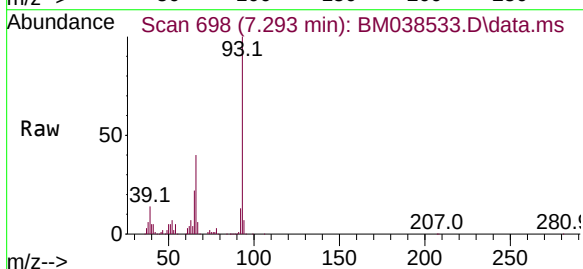
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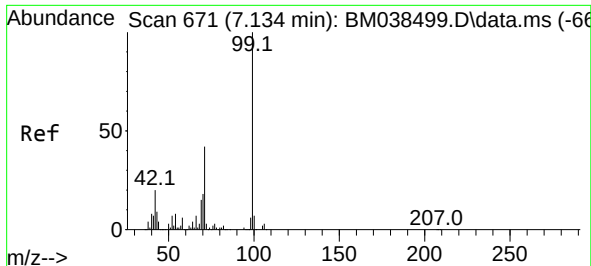
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#6
Aniline
Concen: 42.477 ng
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion: 93 Resp: 235155
Ion Ratio Lower Upper
93 100
66 39.6 31.6 47.4
65 22.3 16.6 24.8





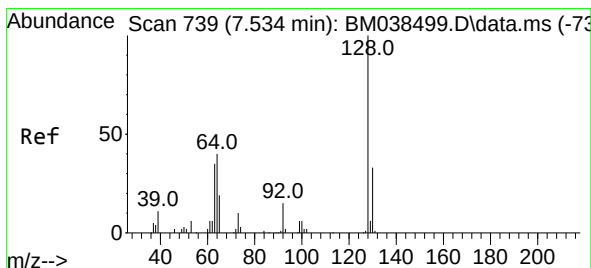
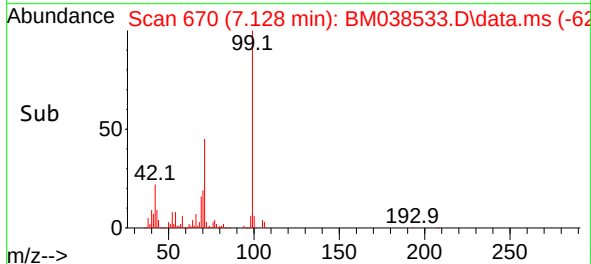
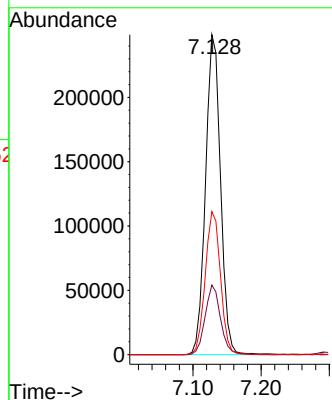
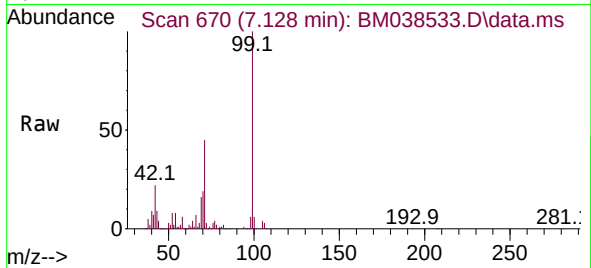
#7
Phenol-d6
Concen: 85.283 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 38036
Ion Ratio Lower Upper
99 100
42 21.7 16.0 24.0
71 44.7 33.8 50.6

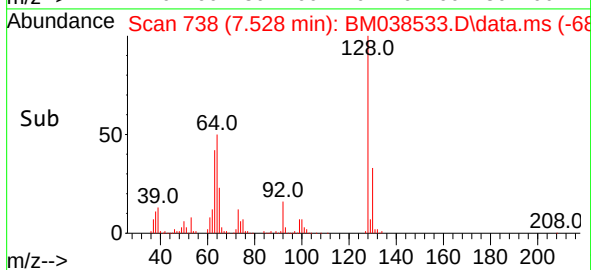
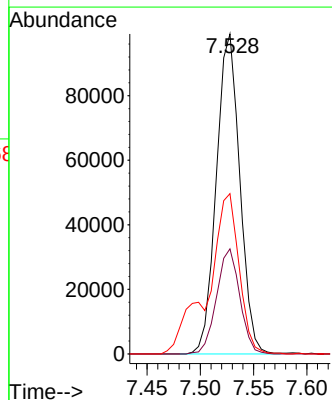
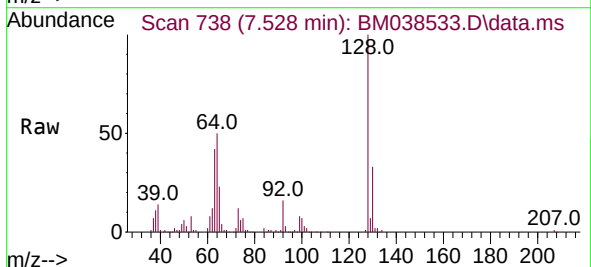
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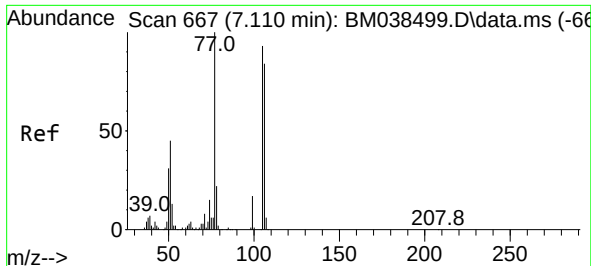
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#8
2-Chlorophenol
Concen: 42.562 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

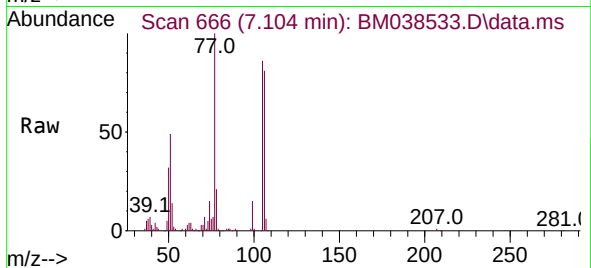
Tgt Ion:128 Resp: 151987
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 50.1 27.7 67.7





#9
Benzaldehyde
Concen: 40.937 ng m
RT: 7.104 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

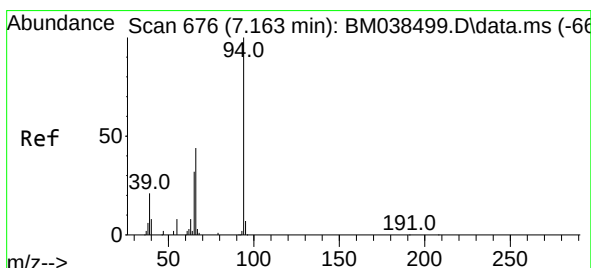
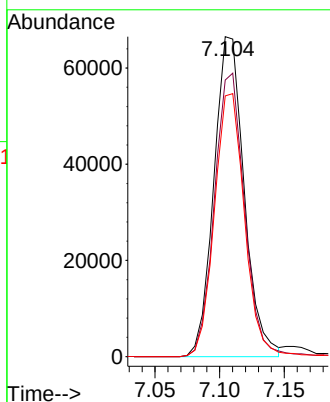
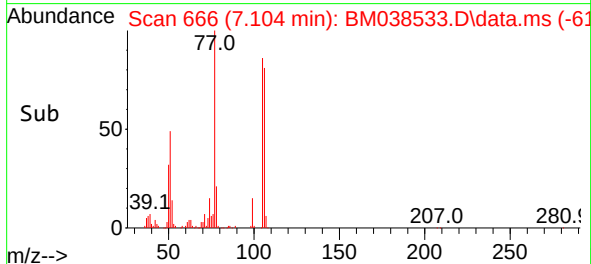
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 77 Resp: 108297
Ion Ratio Lower Upper
77 100
105 86.5 72.9 112.9
106 81.5 63.8 103.8

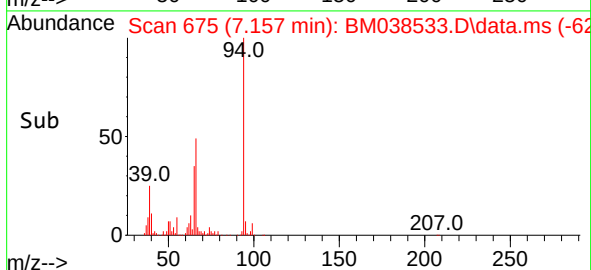
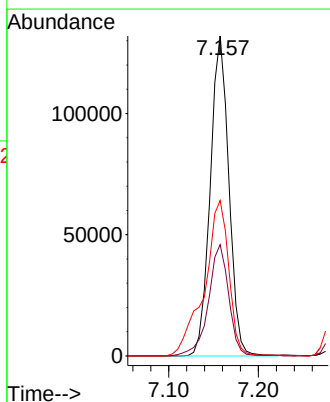
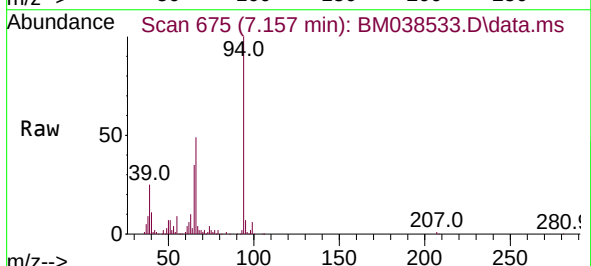
Manual Integrations
APPROVED

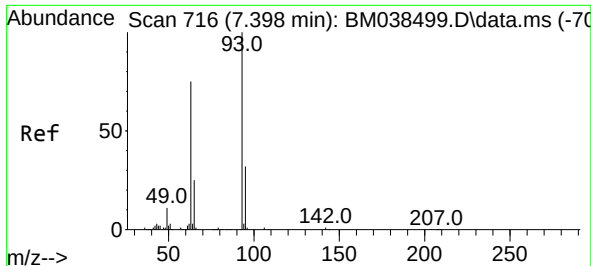
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#10
Phenol
Concen: 42.577 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

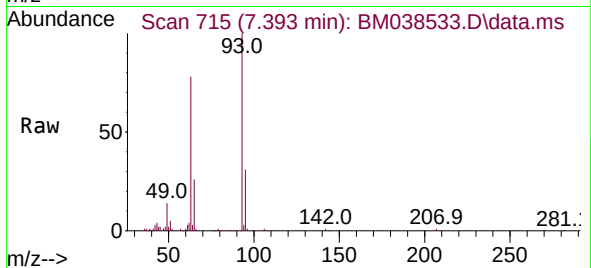
Tgt Ion: 94 Resp: 189755
Ion Ratio Lower Upper
94 100
65 34.8 12.7 52.7
66 48.6 26.0 66.0





#11
bis(2-Chloroethyl)ether
Concen: 43.195 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

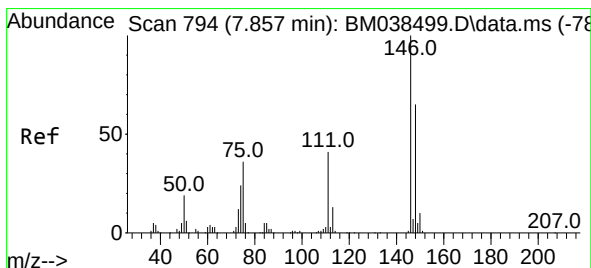
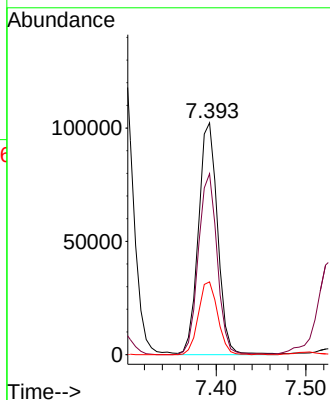
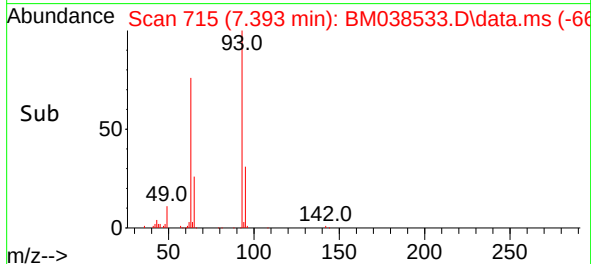
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



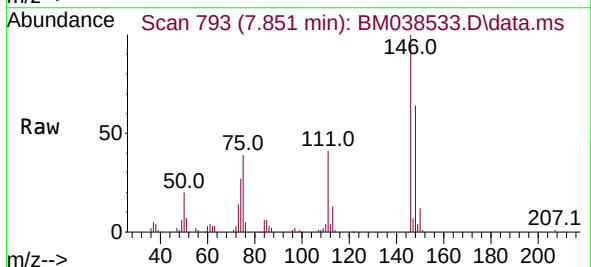
Tgt Ion: 93 Resp: 151888
Ion Ratio Lower Upper
93 100
63 78.0 54.4 94.4
95 31.4 11.4 51.4

Manual Integrations
APPROVED

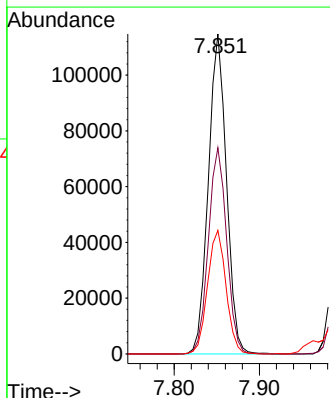
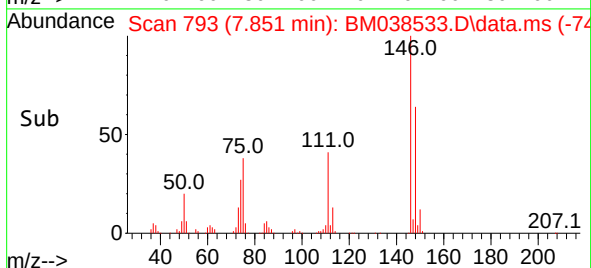
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

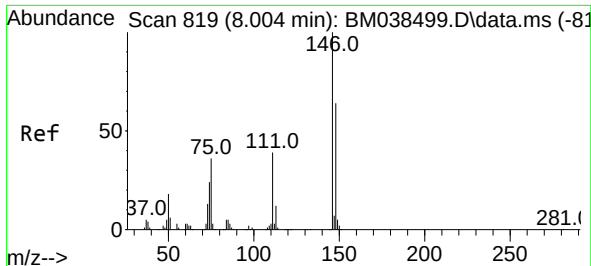


#12
1,3-Dichlorobenzene
Concen: 41.712 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



Tgt Ion:146 Resp: 169340
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
75 38.6 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 42.108 ng

RT: 7.998 min Scan# 819

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

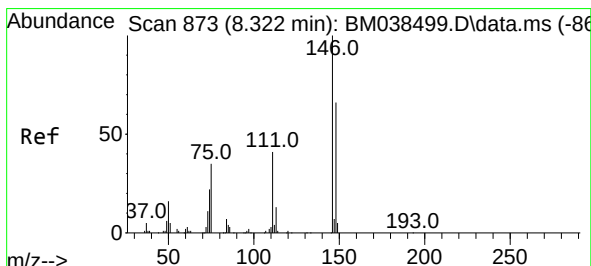
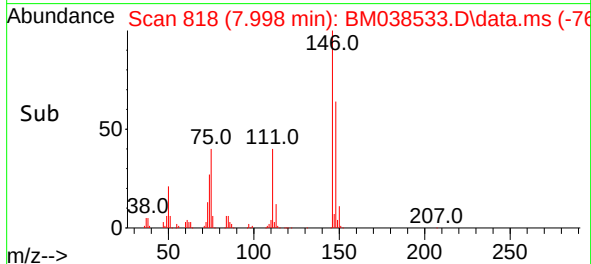
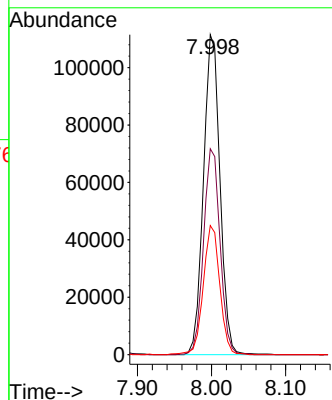
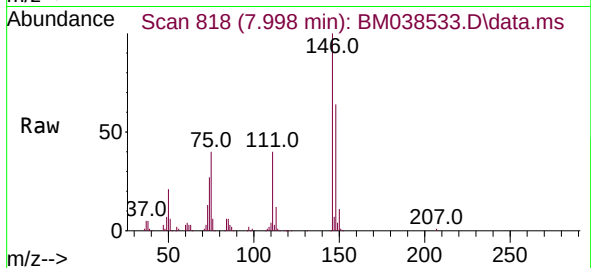
SSTDCCC040EC

Tgt Ion:	146	Resp:	172725
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.3	76.9
111	40.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#14

1,2-Dichlorobenzene

Concen: 42.727 ng

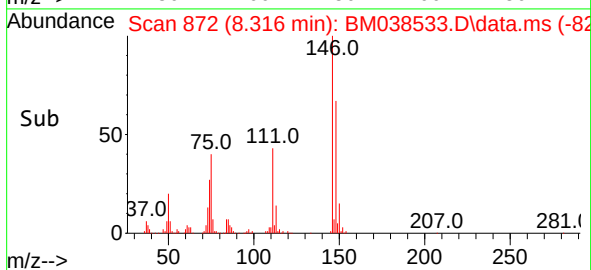
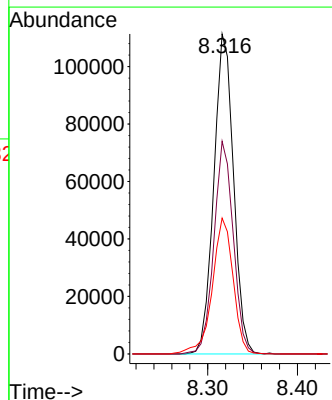
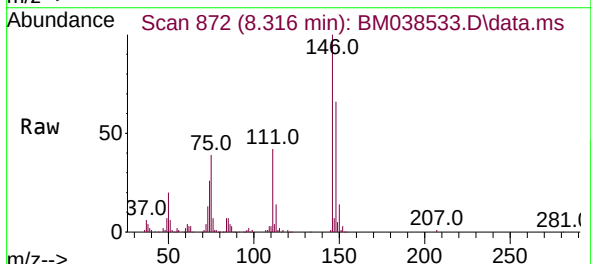
RT: 8.316 min Scan# 872

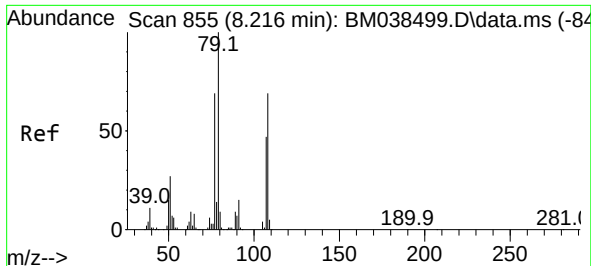
Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

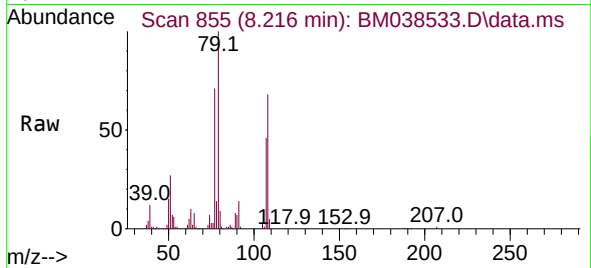
Tgt Ion:	146	Resp:	169761
Ion Ratio	Lower	Upper	
146	100		
148	66.4	52.7	79.1
111	42.4	33.2	49.8





#15
Benzyl Alcohol
Concen: 45.722 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

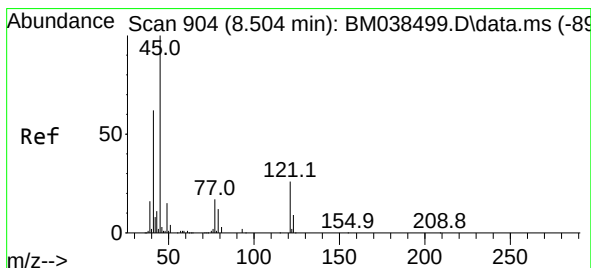
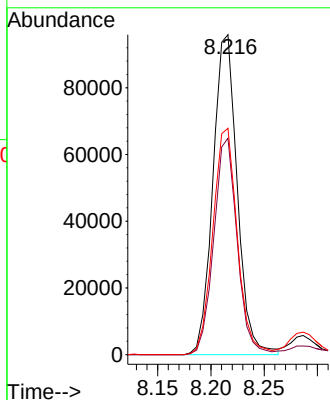
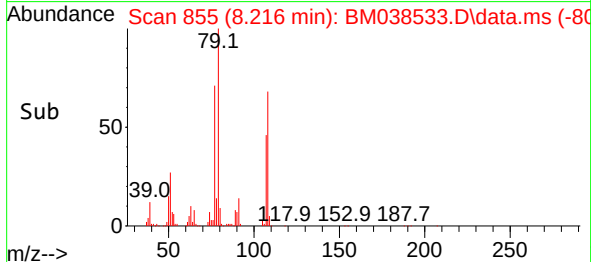
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 152462
Ion Ratio Lower Upper
79 100
108 67.6 55.0 82.6
77 70.7 55.0 82.4

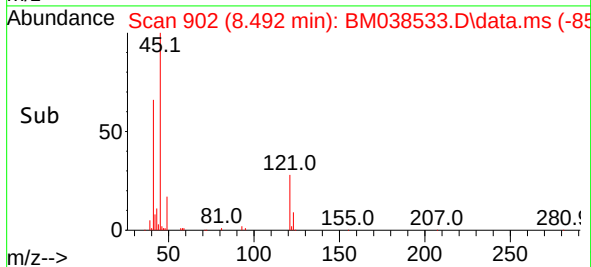
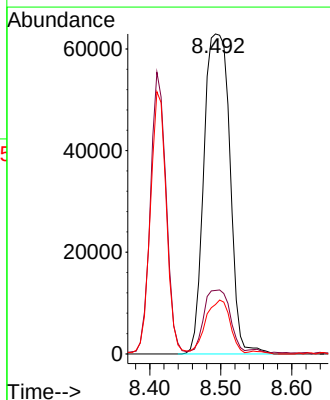
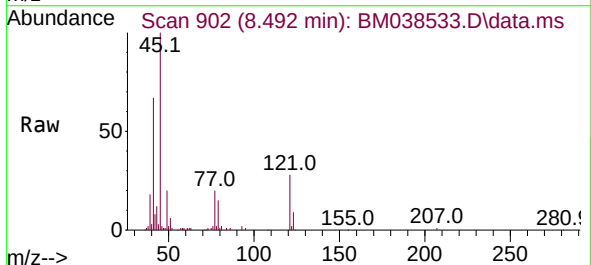
Manual Integrations
APPROVED

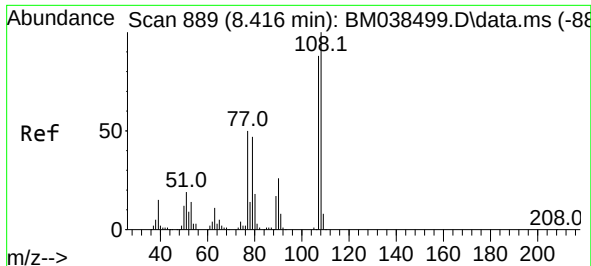
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.228 ng
RT: 8.492 min Scan# 902
Delta R.T. -0.012 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

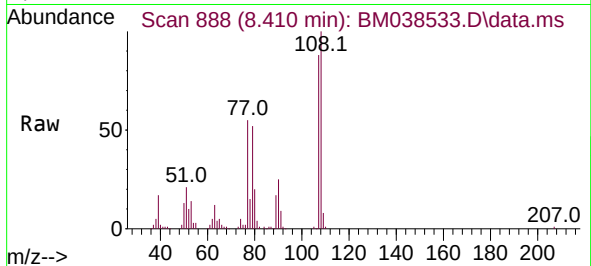
Tgt Ion: 45 Resp: 159625
Ion Ratio Lower Upper
45 100
77 19.8 0.0 39.2
79 15.4 0.0 34.9





#17
2-Methylphenol
Concen: 43.611 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

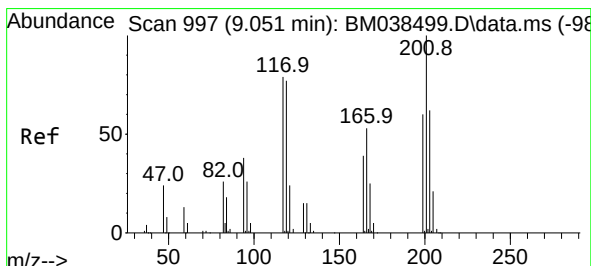
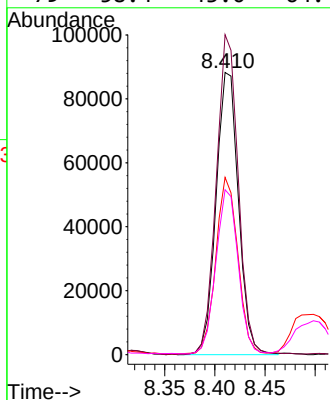
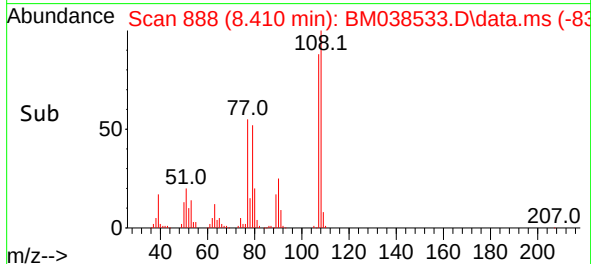
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.8	136.2
77	62.8	46.1	69.1
79	58.4	43.0	64.4

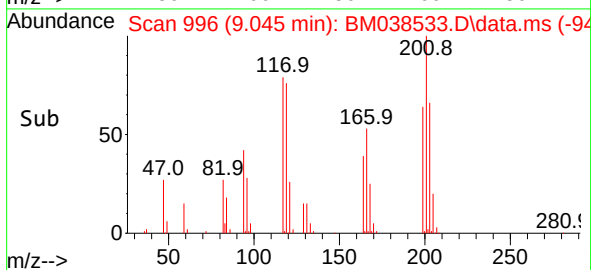
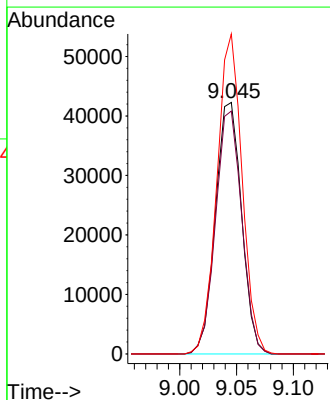
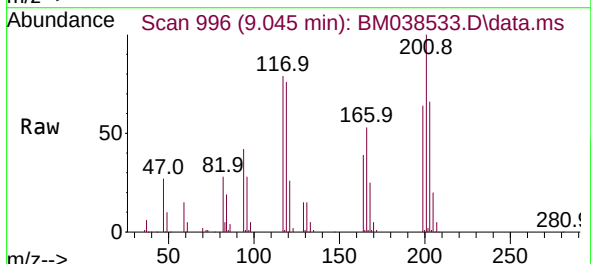
Manual Integrations
APPROVED

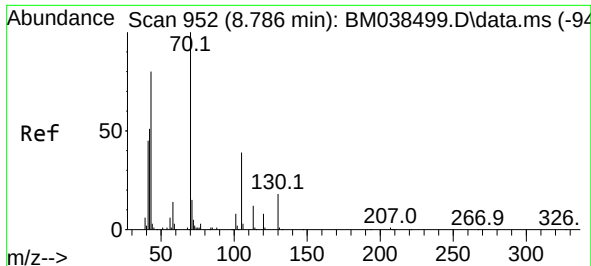
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#18
Hexachloroethane
Concen: 44.334 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

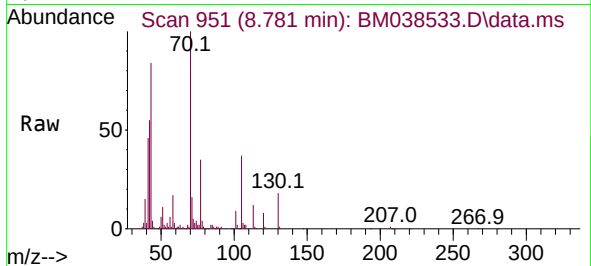
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.9	116.9
201	127.3	100.6	151.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.196 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.005 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

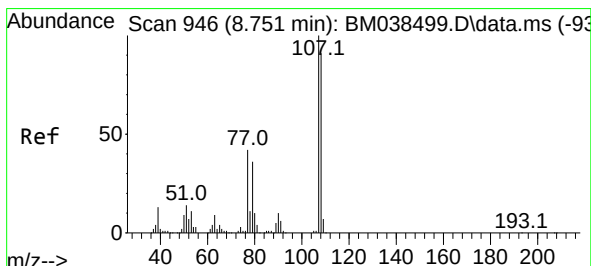
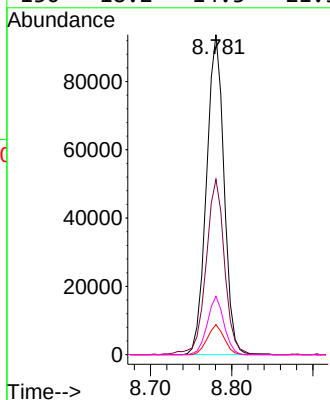
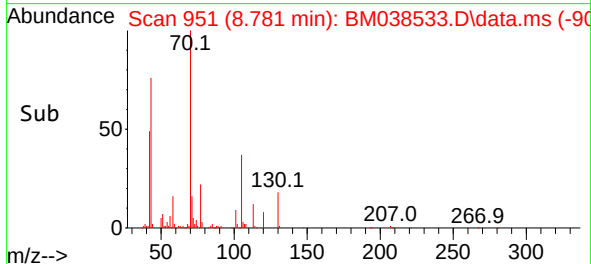
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 70 Resp: 140609
Ion Ratio Lower Upper
70 100
42 54.8 41.4 62.2
101 9.4 6.5 9.7
130 18.2 14.3 21.5

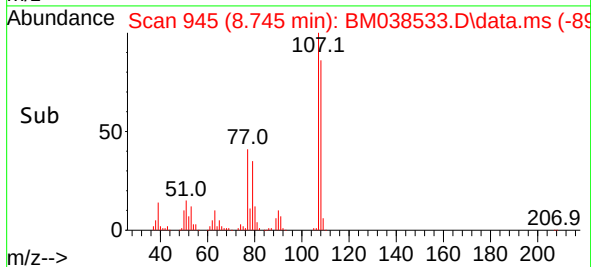
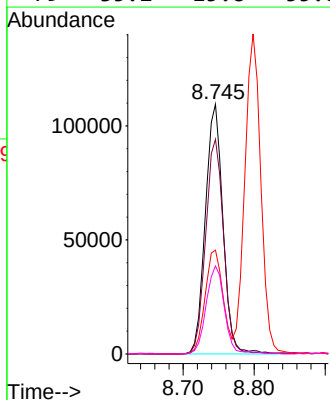
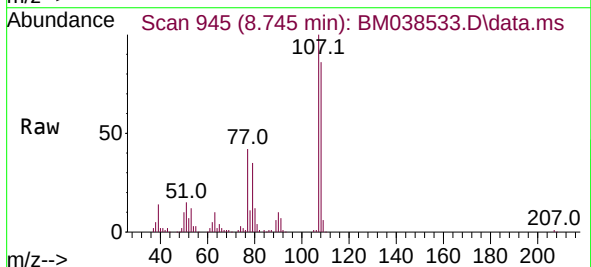
Manual Integrations
APPROVED

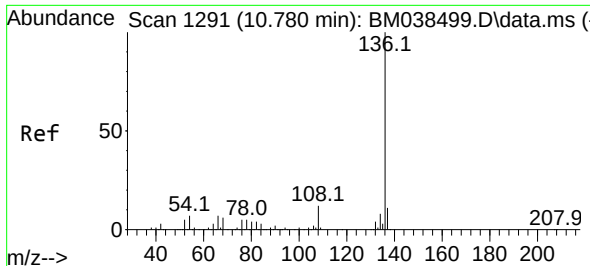
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#20
3+4-Methylphenols
Concen: 44.502 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

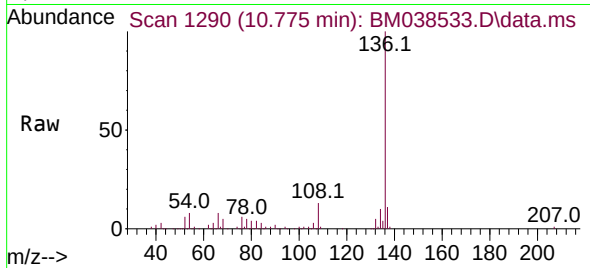
Tgt Ion:107 Resp: 188136
Ion Ratio Lower Upper
107 100
108 86.0 70.7 110.7
77 41.6 22.0 62.0
79 35.2 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

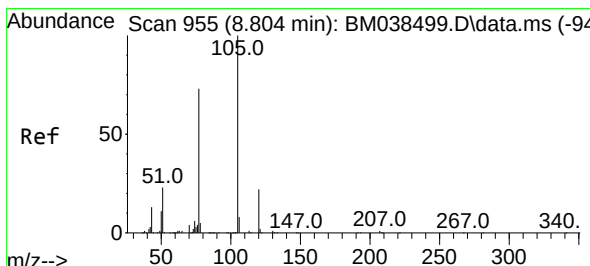
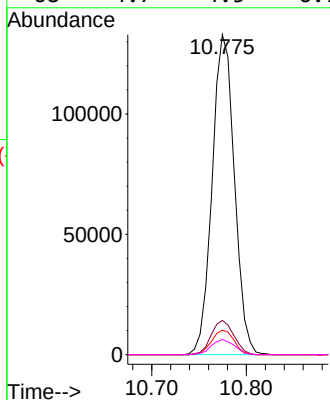
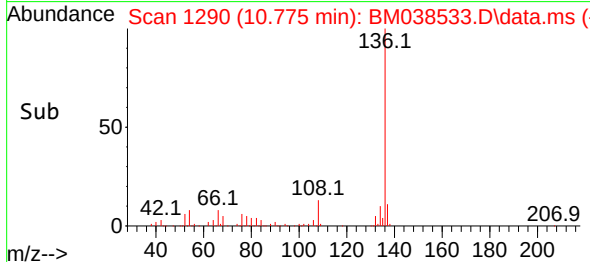
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:136 Resp: 217098
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 6.0 9.0
68 4.7 4.5 6.7

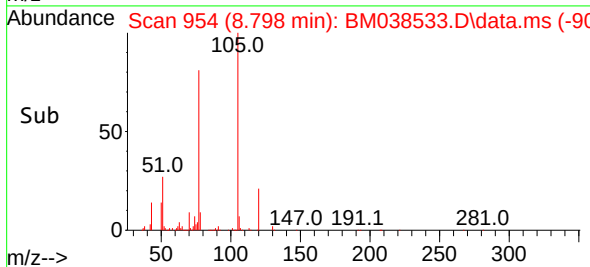
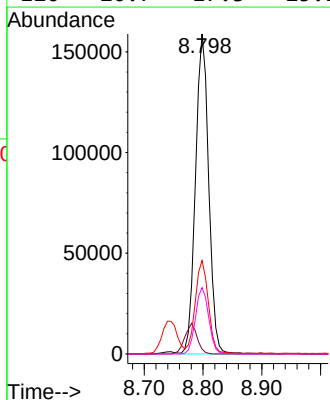
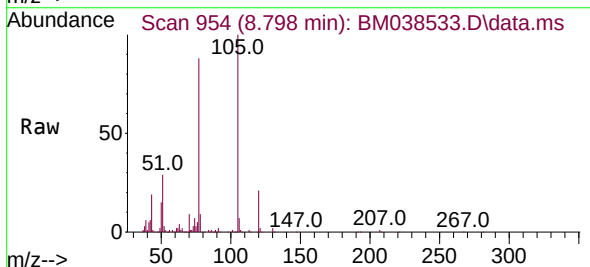
Manual Integrations
APPROVED

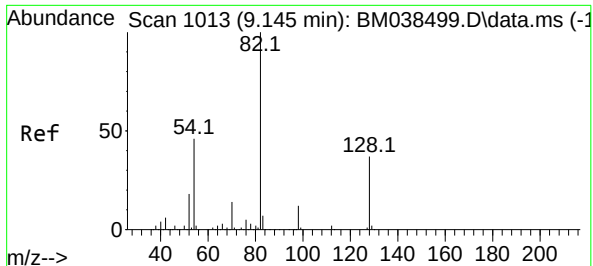
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#22
Acetophenone
Concen: 41.527 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:105 Resp: 248358
Ion Ratio Lower Upper
105 100
71 1.5 0.9 1.3#
51 29.2 21.8 32.8
120 20.7 17.3 25.9





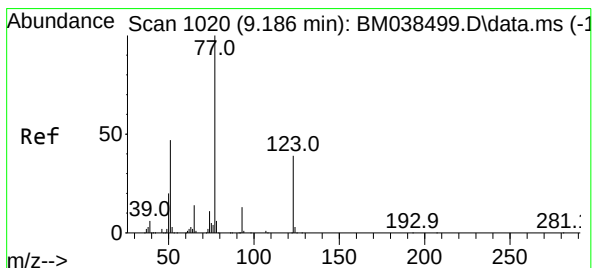
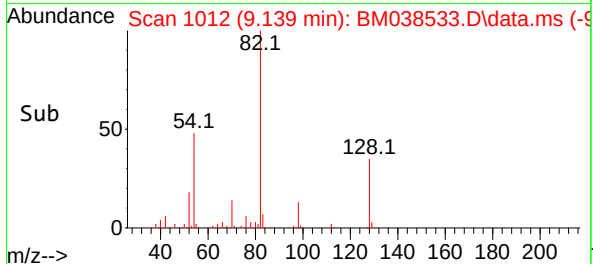
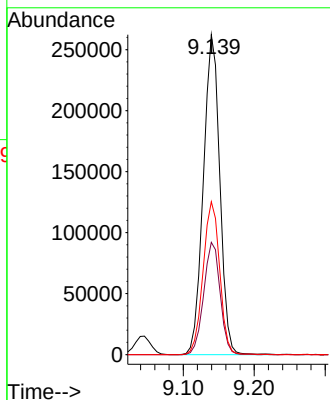
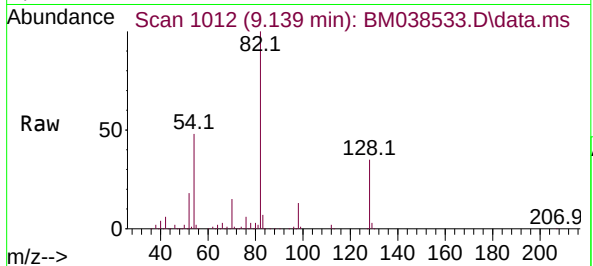
#23
Nitrobenzene-d5
Concen: 84.268 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 421289
Ion Ratio Lower Upper
82 100
128 35.1 29.3 43.9
54 47.8 36.9 55.3

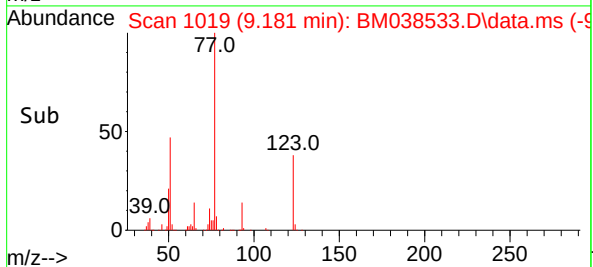
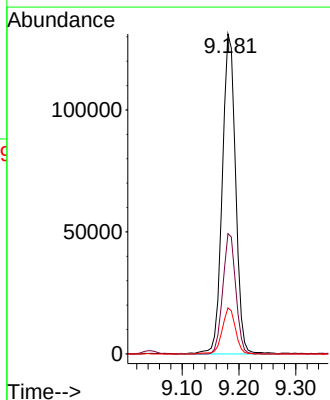
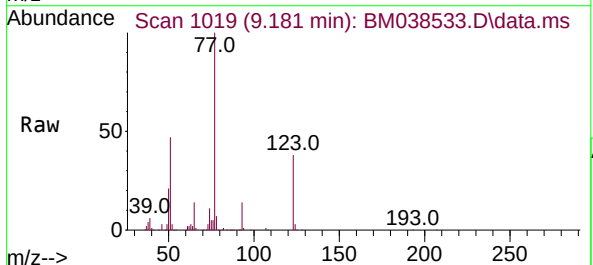
Manual Integrations
APPROVED

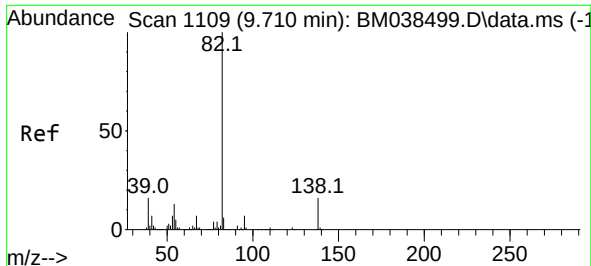
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#24
Nitrobenzene
Concen: 42.127 ng
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

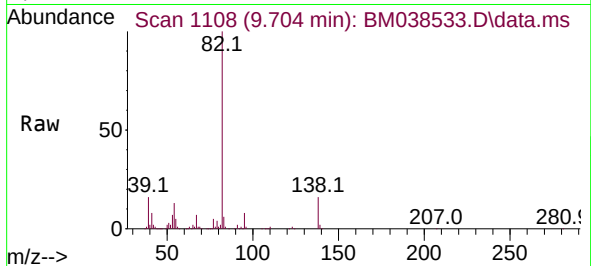
Tgt Ion: 77 Resp: 213099
Ion Ratio Lower Upper
77 100
123 37.6 31.5 47.3
65 14.4 11.2 16.8





#25
Isophorone
Concen: 42.503 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

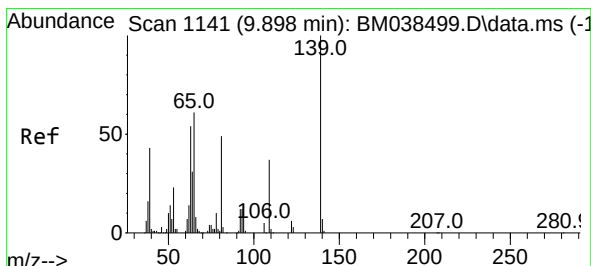
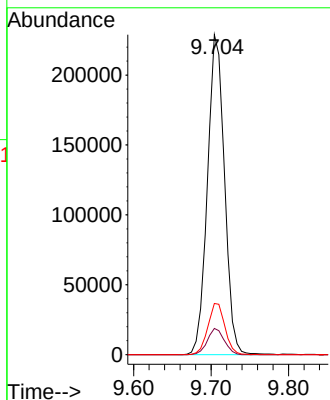
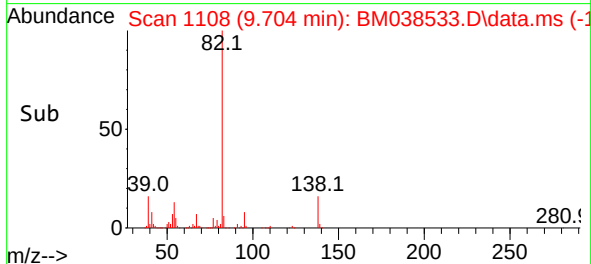
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



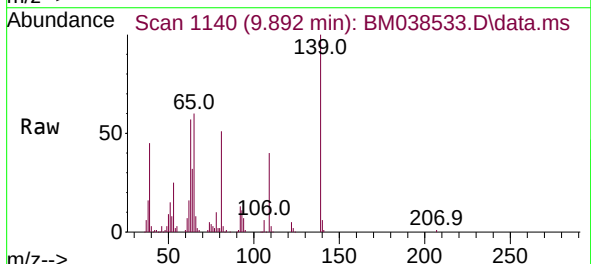
Tgt Ion: 82 Resp: 35066
Ion Ratio Lower Upper
82 100
95 8.2 5.6 8.4
138 16.0 13.2 19.8

Manual Integrations
APPROVED

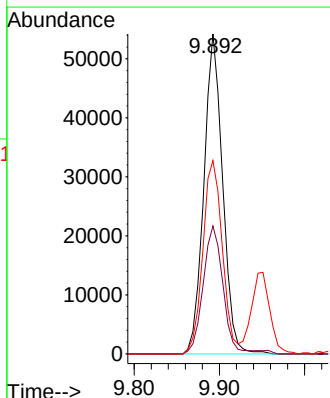
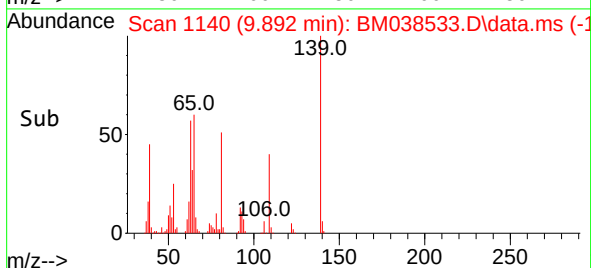
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

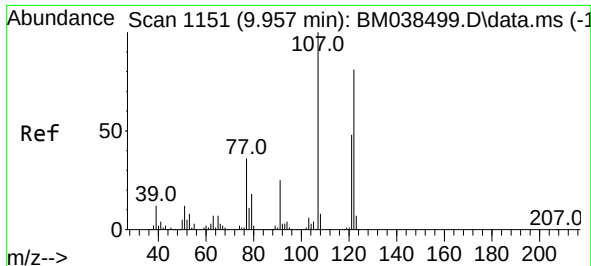


#26
2-Nitrophenol
Concen: 41.331 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



Tgt Ion:139 Resp: 82987
Ion Ratio Lower Upper
139 100
109 40.0 29.3 43.9
65 60.4 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 41.189 ng

RT: 9.951 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM038533.D

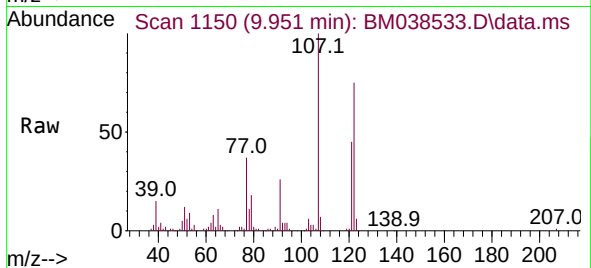
Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:122 Resp: 137639

Ion Ratio Lower Upper

122 100

107 133.0 98.2 147.2

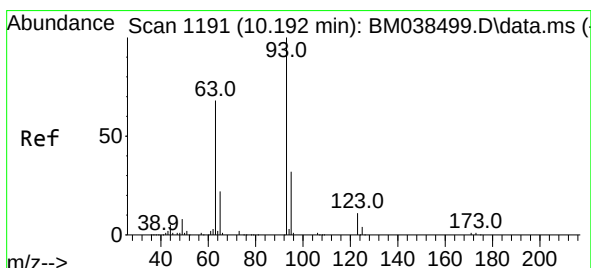
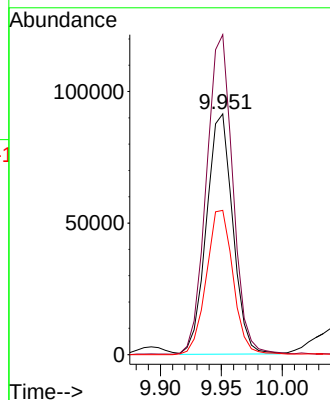
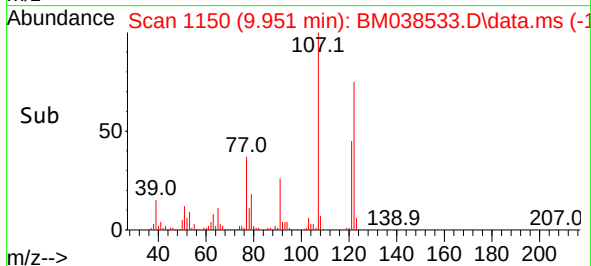
121 60.0 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.989 ng

RT: 10.186 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

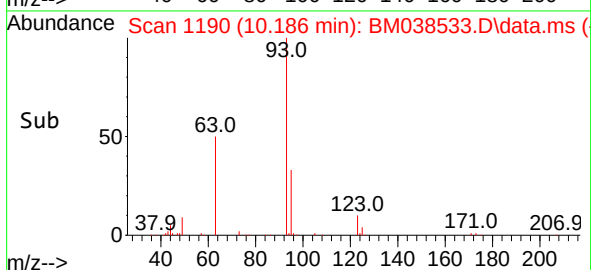
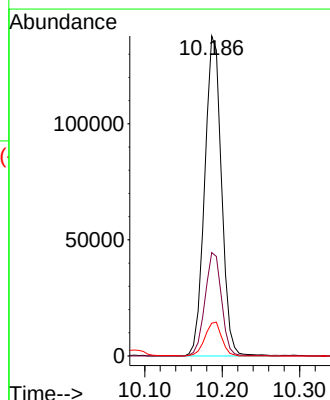
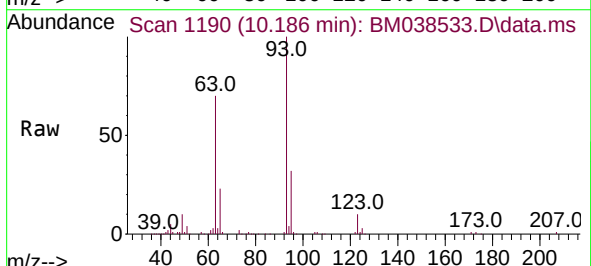
Tgt Ion: 93 Resp: 207479

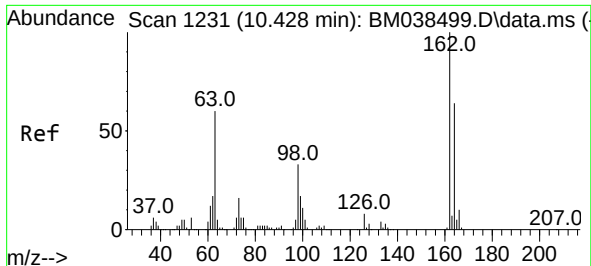
Ion Ratio Lower Upper

93 100

95 32.3 25.3 37.9

123 10.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 43.251 ng

RT: 10.422 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 169559

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

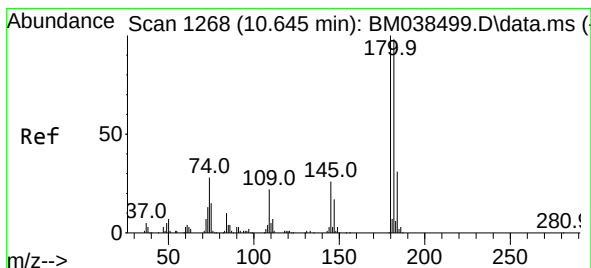
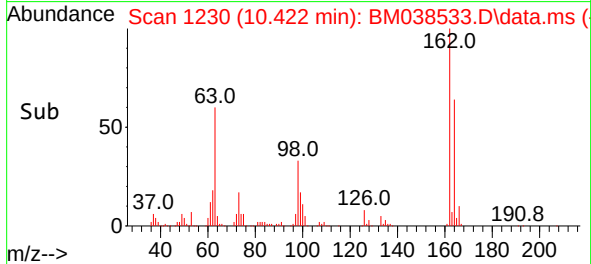
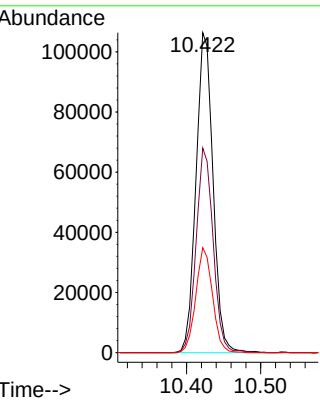
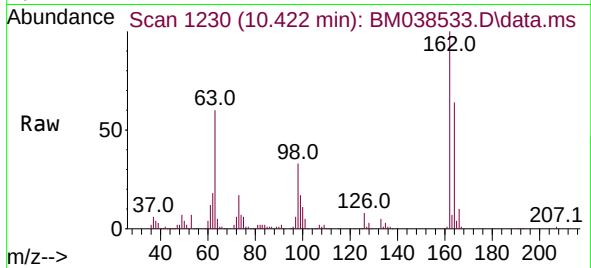
98 32.8 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.874 ng

RT: 10.639 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

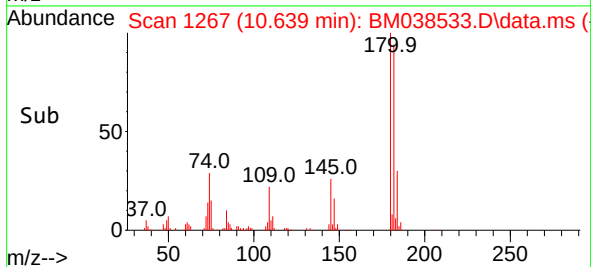
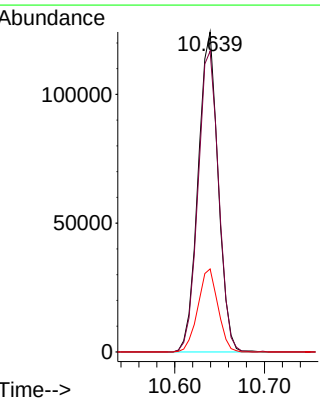
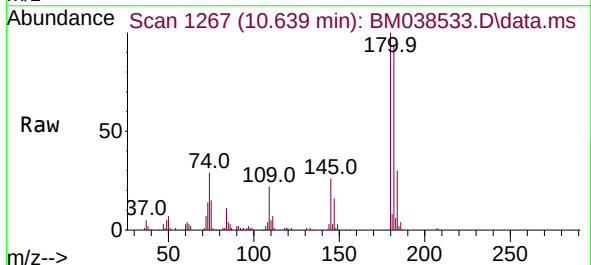
Tgt Ion:180 Resp: 192218

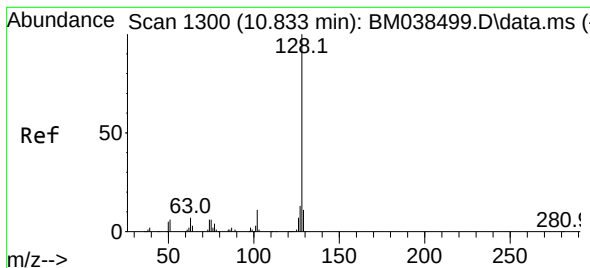
Ion Ratio Lower Upper

180 100

182 94.0 78.3 117.5

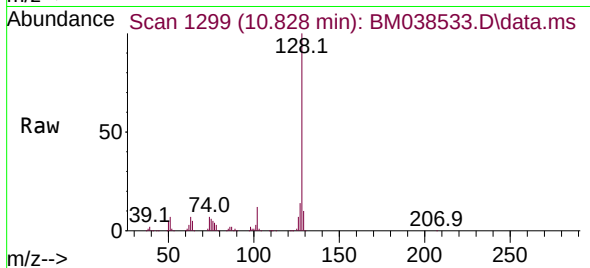
145 25.9 21.0 31.6





#31
Naphthalene
Concen: 41.240 ng
RT: 10.828 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

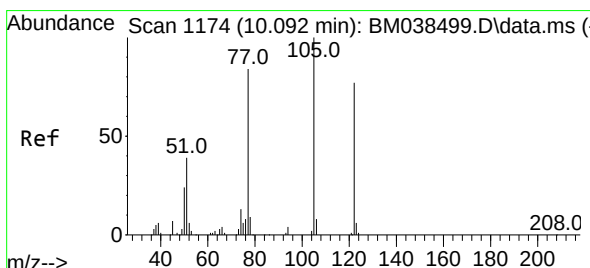
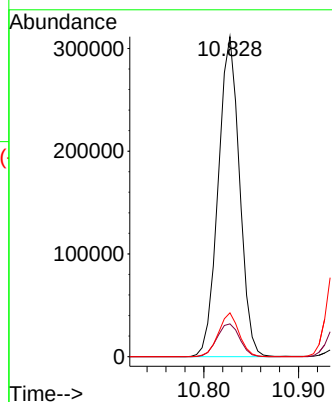
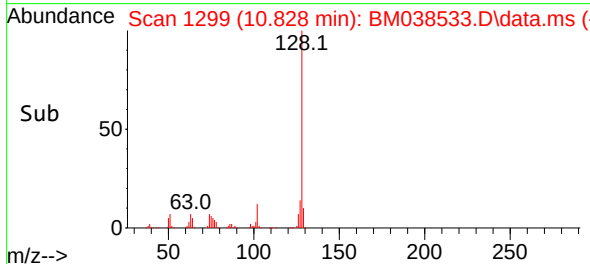
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 486391
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.7 10.3 15.5

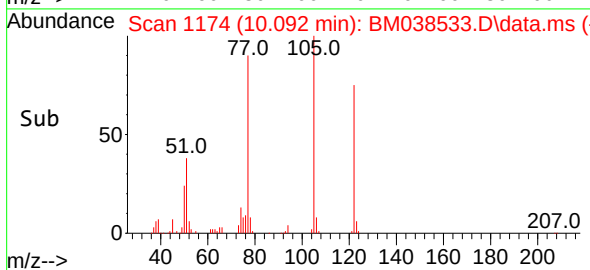
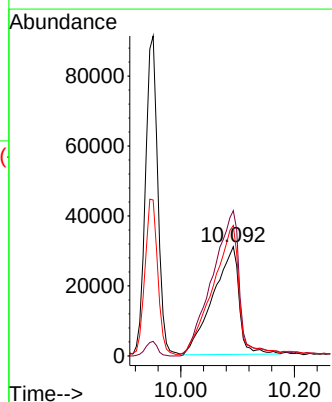
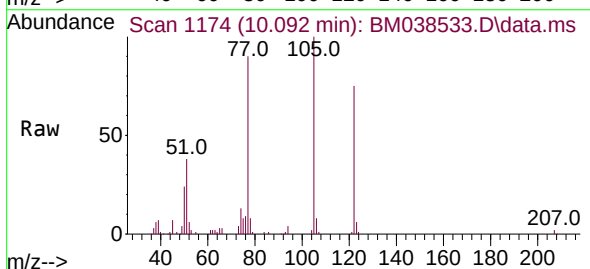
Manual Integrations
APPROVED

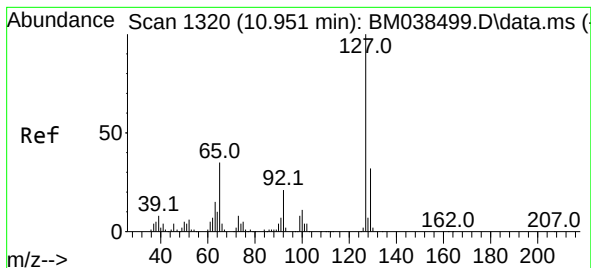
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#32
Benzoic acid
Concen: 38.893 ng
RT: 10.092 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:122 Resp: 98630
Ion Ratio Lower Upper
122 100
105 132.9 107.9 147.9
77 119.4 88.6 128.6





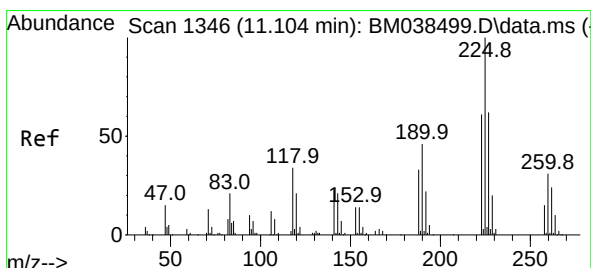
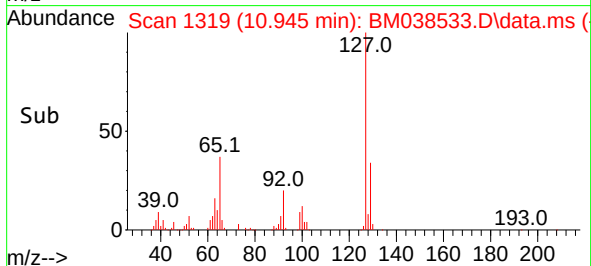
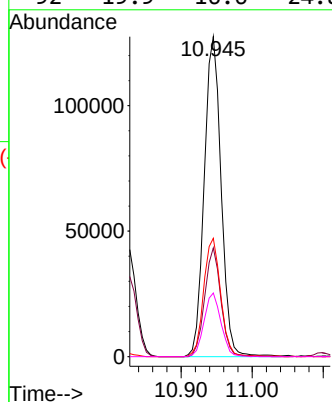
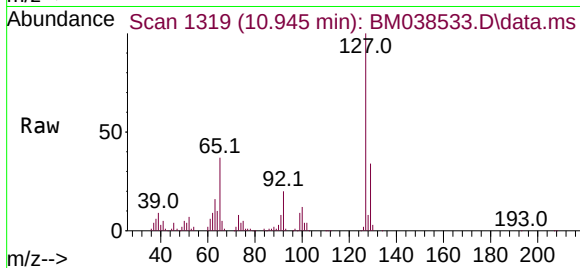
#33
4-Chloroaniline
Concen: 42.694 ng
RT: 10.945 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	21017
Ion Ratio	Lower	Upper	
127	100		
129	34.0	25.8	38.6
65	37.0	28.2	42.2
92	19.9	16.6	24.8

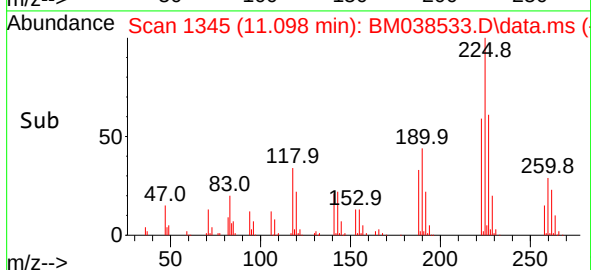
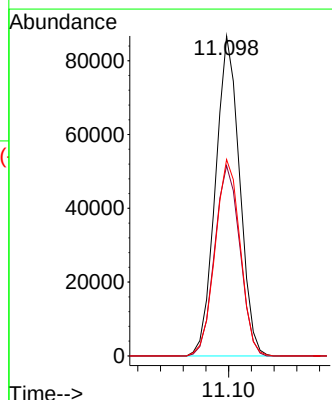
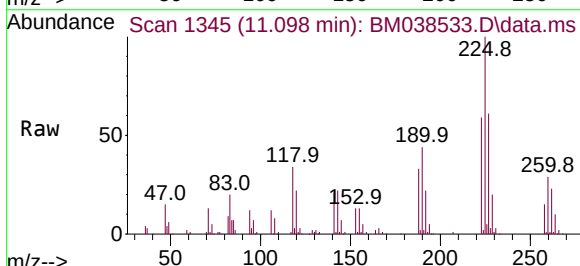
Manual Integrations
APPROVED

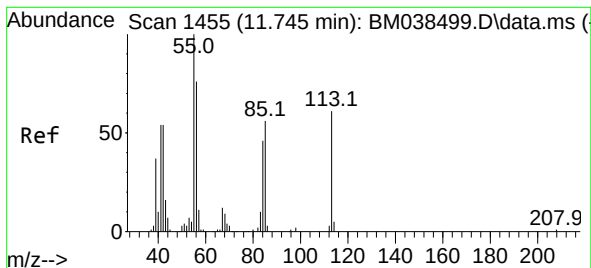
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#34
Hexachlorobutadiene
Concen: 43.349 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

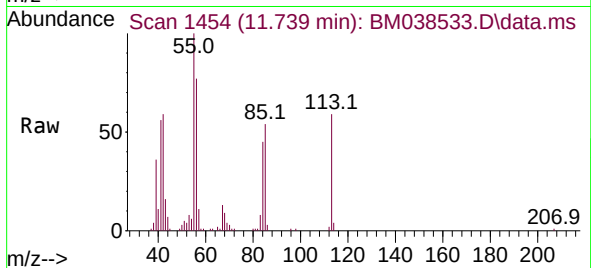
Tgt Ion:	225	Resp:	127838
Ion Ratio	Lower	Upper	
225	100		
223	59.4	48.8	73.2
227	61.4	49.4	74.0





#35
 Caprolactam
 Concen: 45.009 ng
 RT: 11.739 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

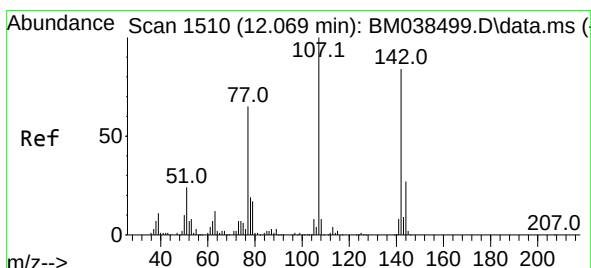
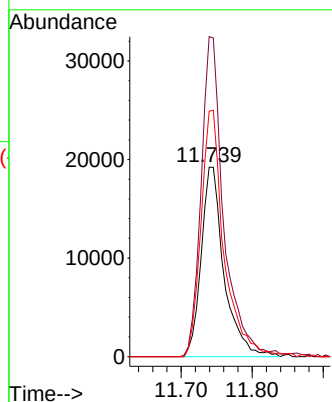
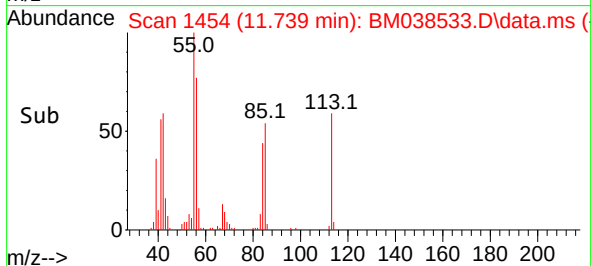
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:113 Resp: 42779
 Ion Ratio Lower Upper
 113 100
 55 169.0 145.0 185.0
 56 129.6 105.7 145.7

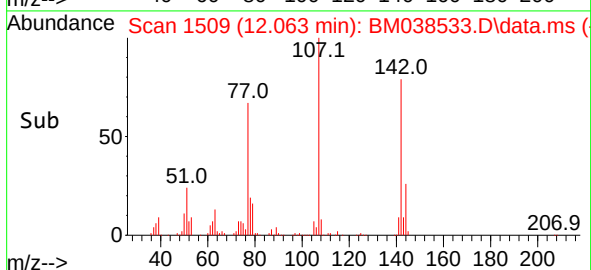
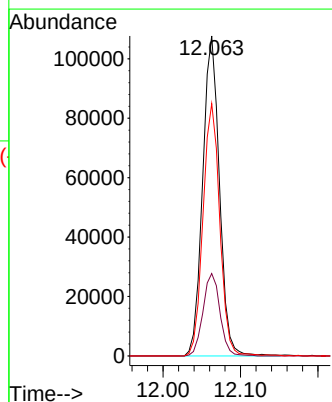
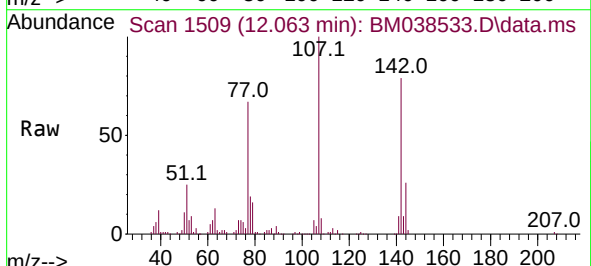
Manual Integrations
 APPROVED

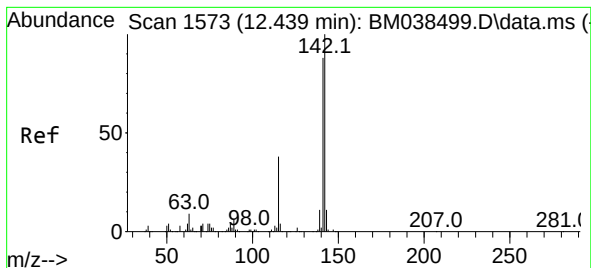
Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023



#36
 4-Chloro-3-methylphenol
 Concen: 45.444 ng
 RT: 12.063 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

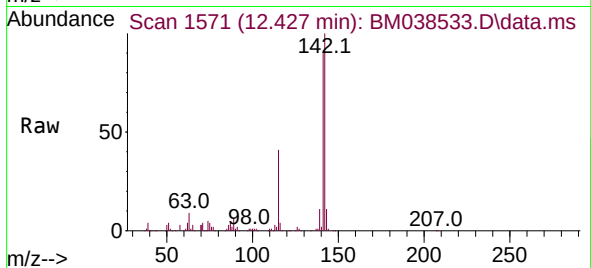
Tgt Ion:107 Resp: 162005
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.0 33.0
 142 78.8 67.5 101.3





#37
2-Methylnaphthalene
Concen: 43.424 ng
RT: 12.427 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

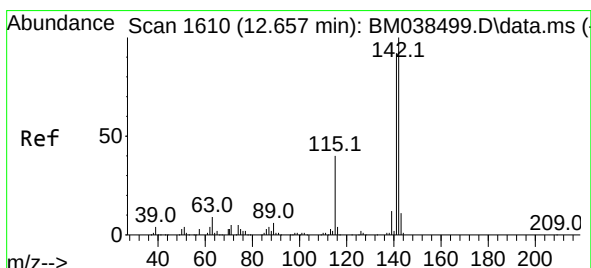
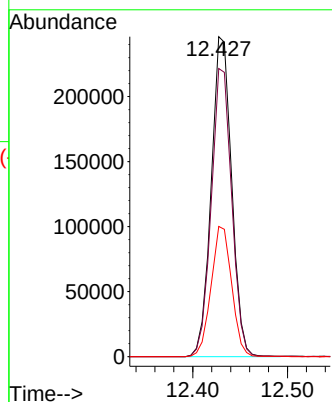
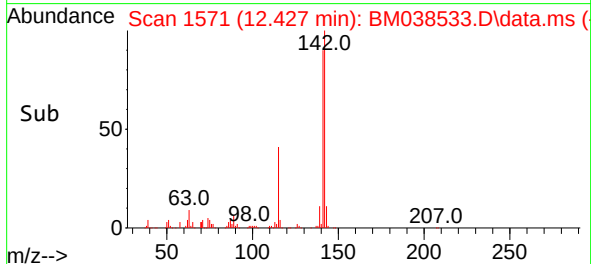
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



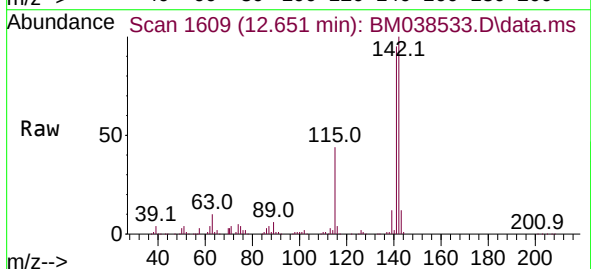
Tgt Ion:142 Resp: 368056
Ion Ratio Lower Upper
142 100
141 90.0 70.7 106.1
115 40.7 30.4 45.6

Manual Integrations
APPROVED

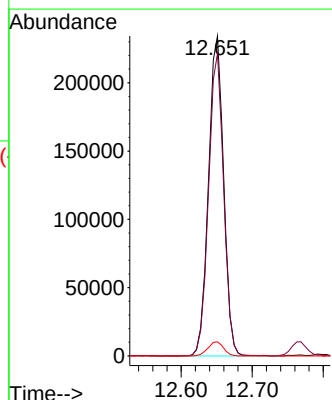
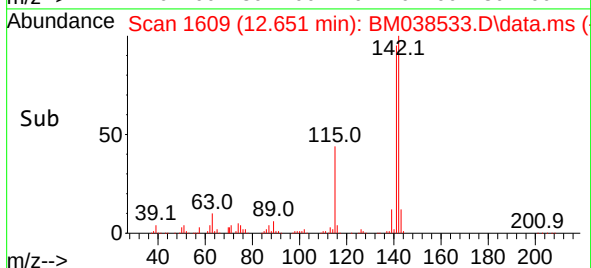
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

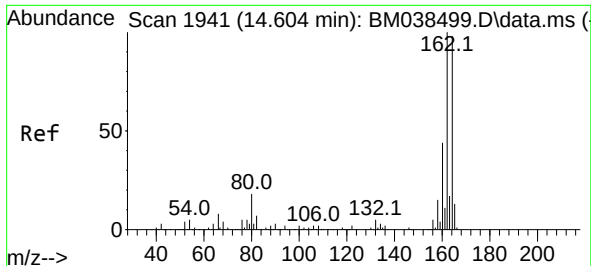


#38
1-Methylnaphthalene
Concen: 43.298 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



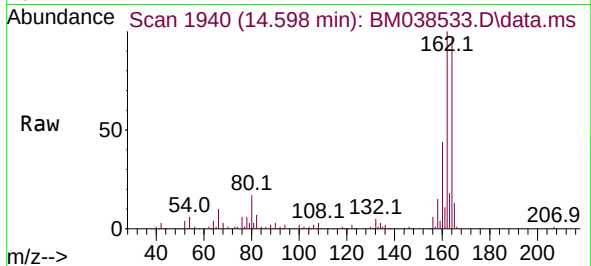
Tgt Ion:142 Resp: 346113
Ion Ratio Lower Upper
142 100
141 94.5 73.4 110.0
116 4.4 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

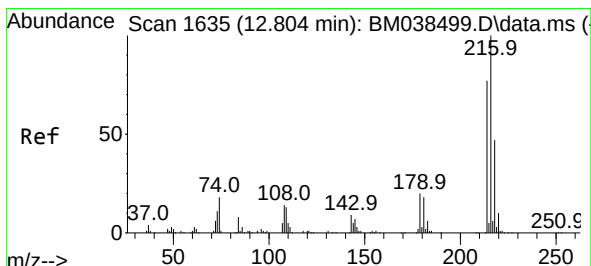
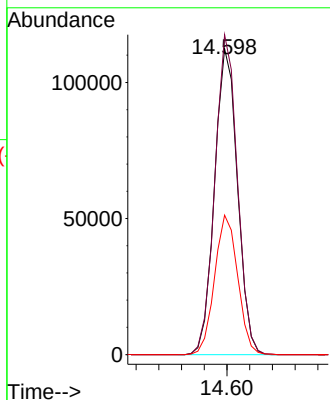
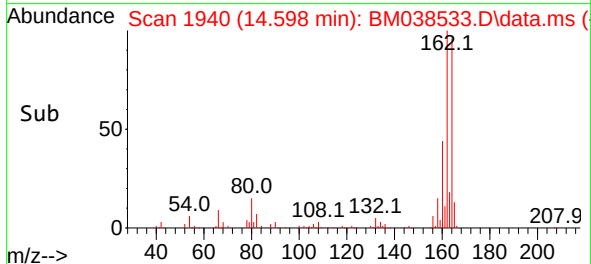
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:164 Resp: 157514
Ion Ratio Lower Upper
164 100
162 104.6 82.0 123.0
160 45.6 35.8 53.6

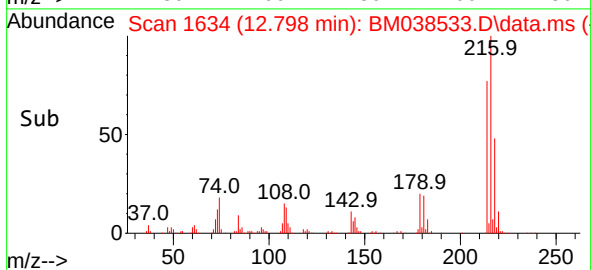
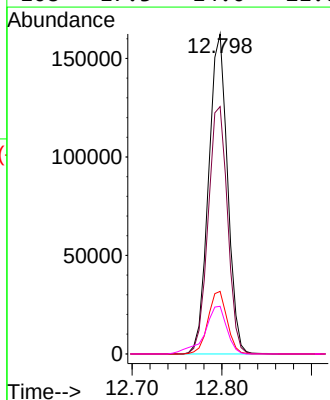
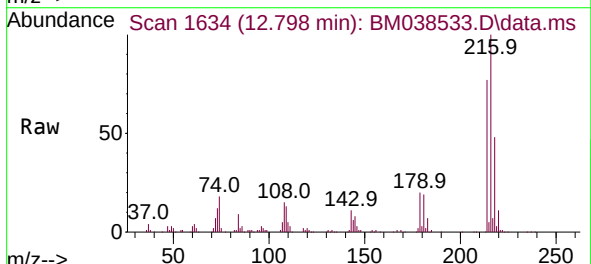
Manual Integrations
APPROVED

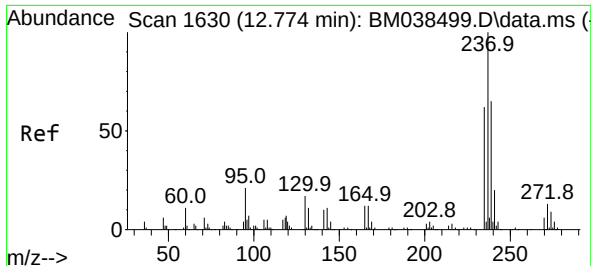
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.210 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

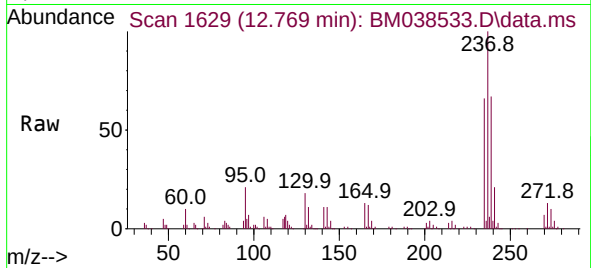
Tgt Ion:216 Resp: 238252
Ion Ratio Lower Upper
216 100
214 79.0 61.4 92.0
179 19.5 15.7 23.5
108 17.3 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 41.414 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

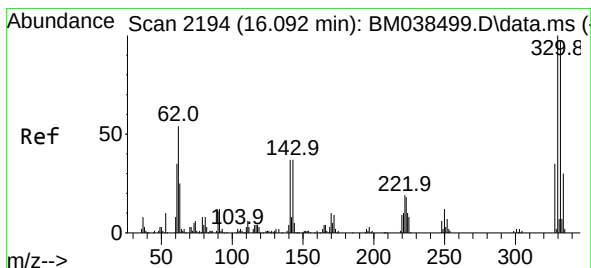
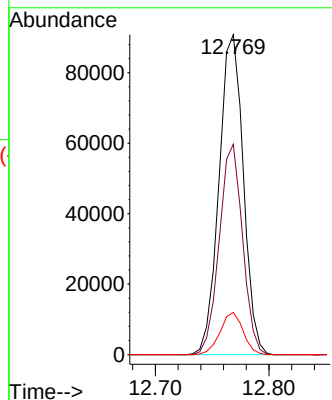
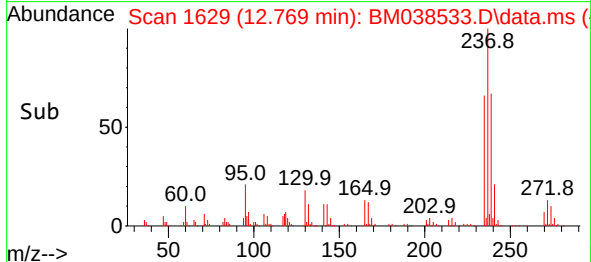
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



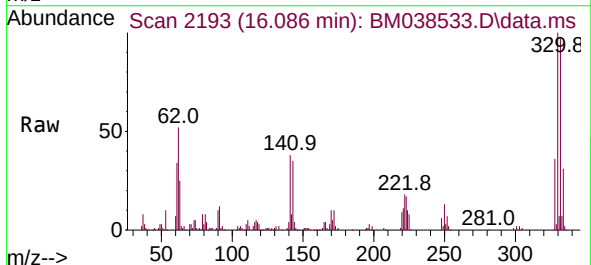
Tgt Ion: 237 Resp: 134866
Ion Ratio Lower Upper
237 100
235 65.8 42.3 82.3
272 13.2 0.0 32.9

Manual Integrations
APPROVED

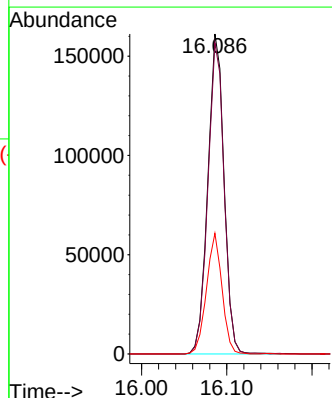
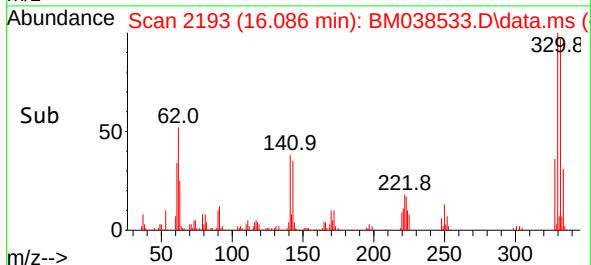
Reviewed By : Christian Giraldo 01/26/2023
Supervised By : Jagrut Upadhyay 01/26/2023

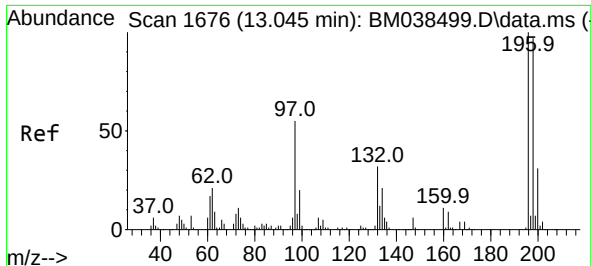


#42
2,4,6-Tribromophenol
Concen: 93.707 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



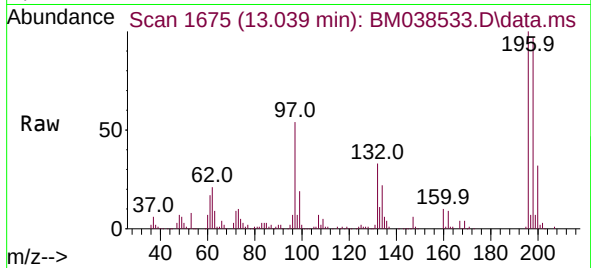
Tgt Ion: 330 Resp: 212550
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 36.1 29.0 43.4





#43
2,4,6-Trichlorophenol
Concen: 40.956 ng
RT: 13.039 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

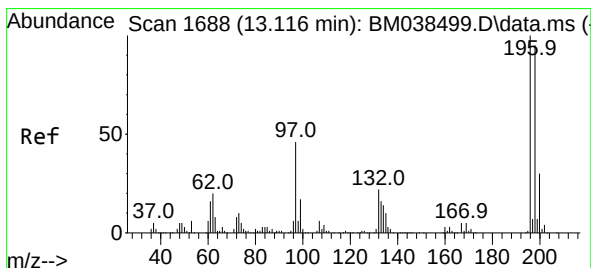
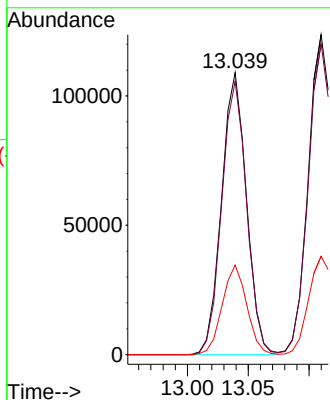
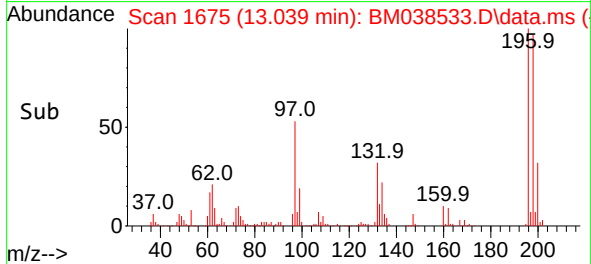
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



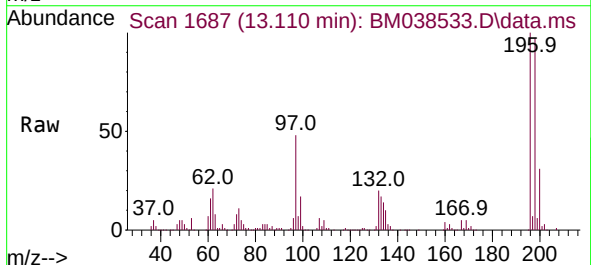
Tgt Ion:196 Resp: 155345
Ion Ratio Lower Upper
196 100
198 96.9 77.9 116.9
200 31.7 24.5 36.7

Manual Integrations
APPROVED

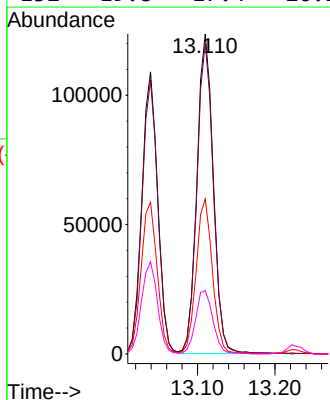
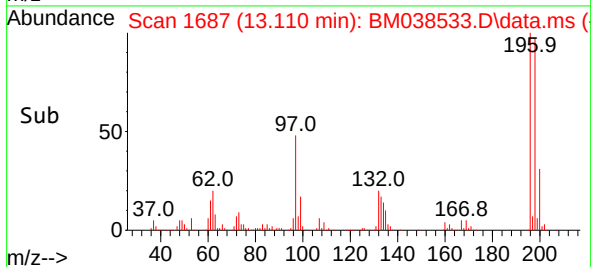
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

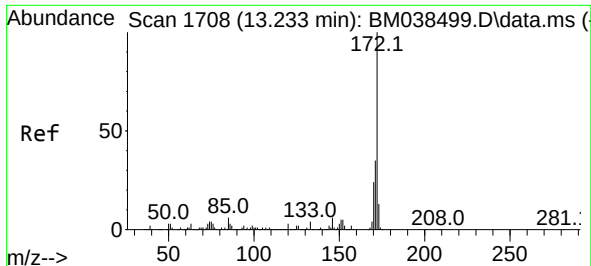


#44
2,4,5-Trichlorophenol
Concen: 40.816 ng
RT: 13.110 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



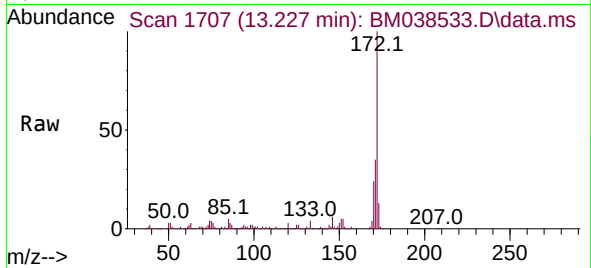
Tgt Ion:196 Resp: 181323
Ion Ratio Lower Upper
196 100
198 97.2 76.0 114.0
97 48.4 36.9 55.3
132 19.8 17.4 26.2





#45
2-Fluorobiphenyl
Concen: 81.761 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

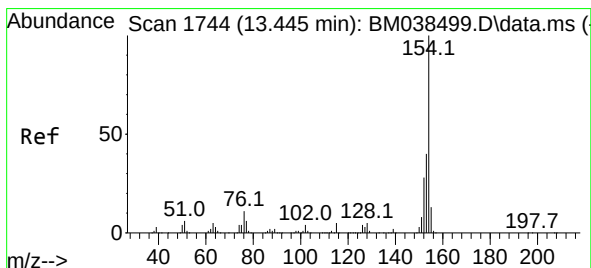
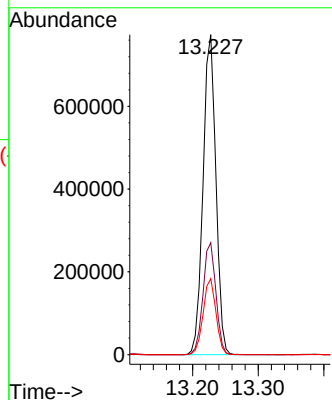
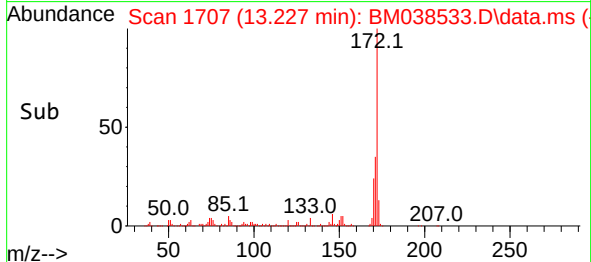
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



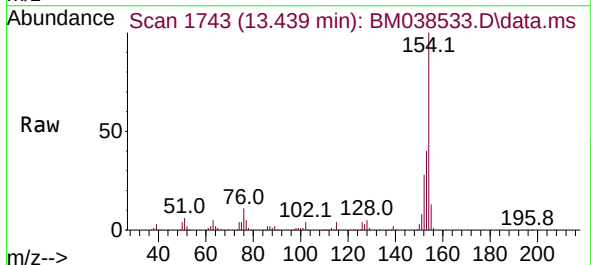
Tgt Ion:172 Resp: 1045482
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.7 19.5 29.3

Manual Integrations
APPROVED

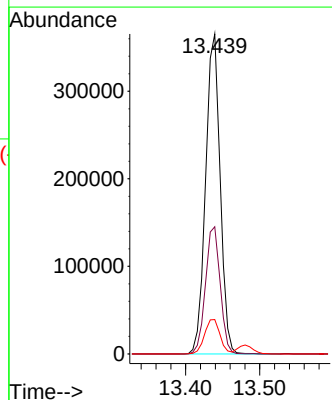
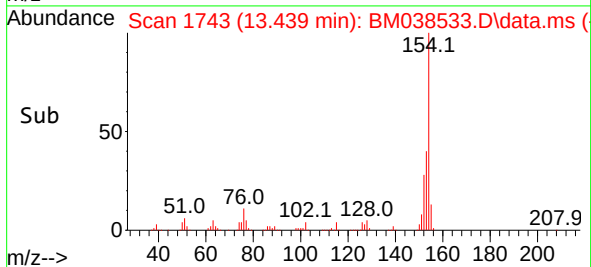
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

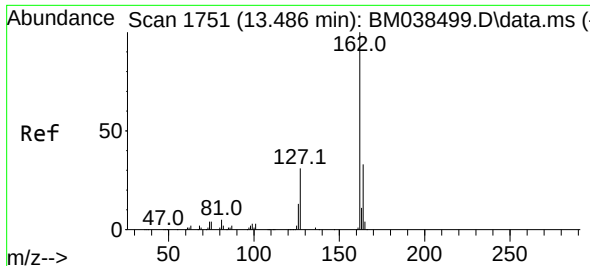


#46
1,1'-Biphenyl
Concen: 39.403 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



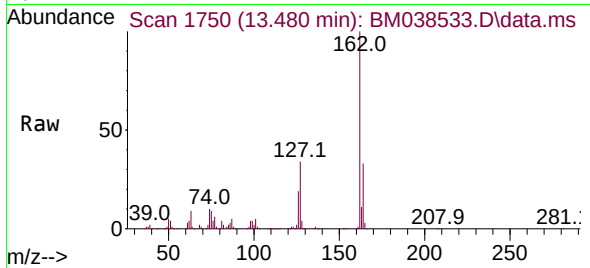
Tgt Ion:154 Resp: 497059
Ion Ratio Lower Upper
154 100
153 39.7 20.1 60.1
76 10.7 0.0 31.3





#47
2-Chloronaphthalene
Concen: 39.752 ng
RT: 13.480 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

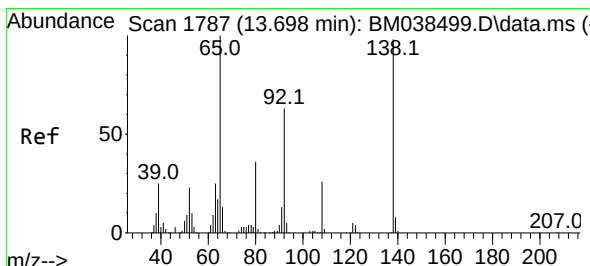
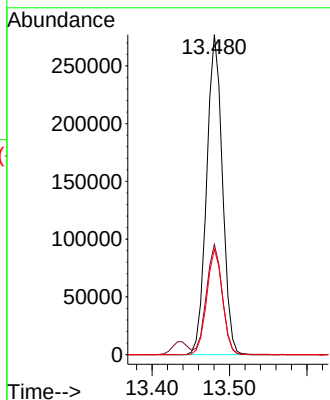
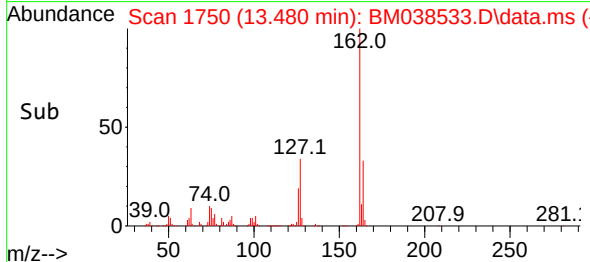
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



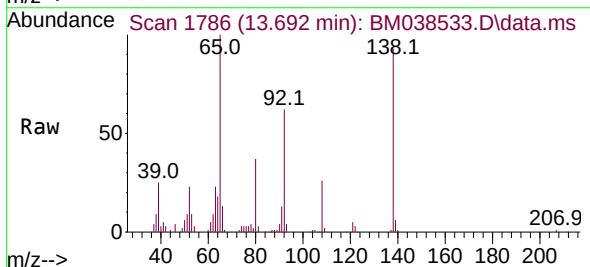
Tgt Ion:162 Resp: 391459
Ion Ratio Lower Upper
162 100
127 34.4 27.4 41.2
164 32.9 26.7 40.1

Manual Integrations
APPROVED

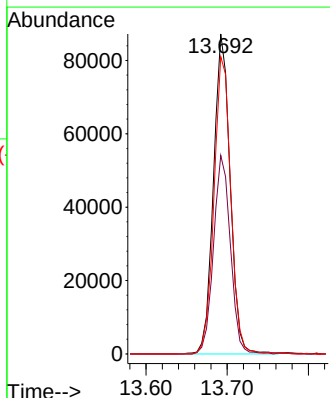
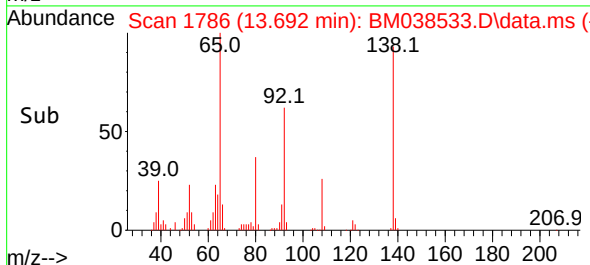
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

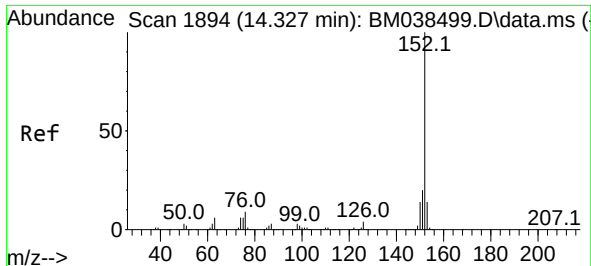


#48
2-Nitroaniline
Concen: 42.915 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



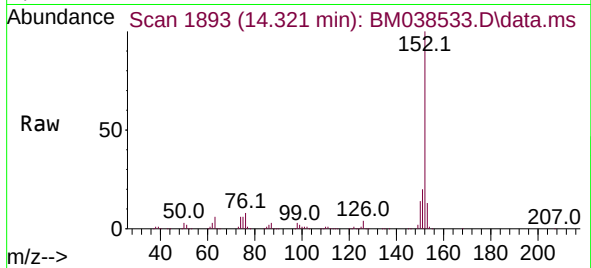
Tgt Ion: 65 Resp: 124107
Ion Ratio Lower Upper
65 100
92 62.0 50.0 75.0
138 92.9 78.2 117.2





#49
Acenaphthylene
Concen: 40.909 ng
RT: 14.321 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

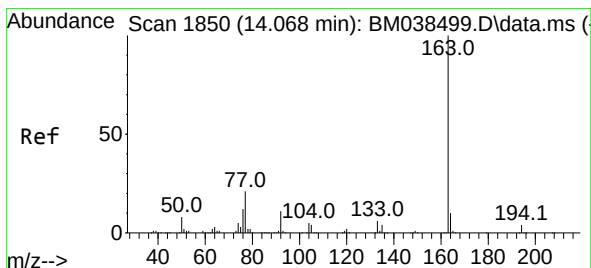
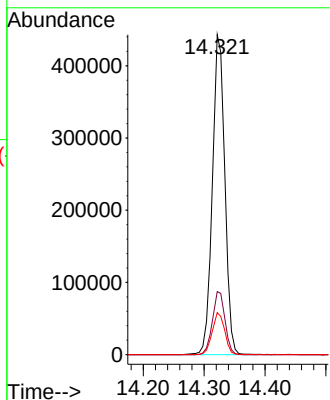
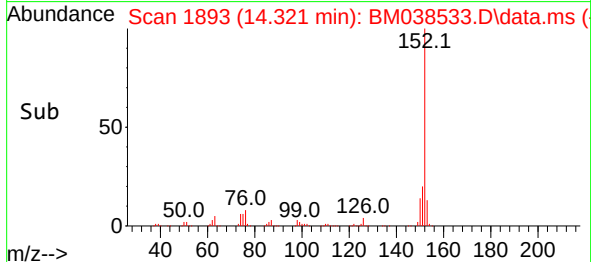
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



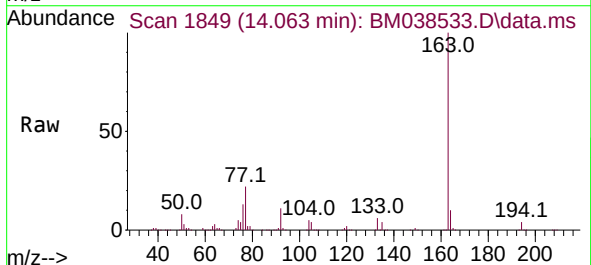
Tgt Ion:152 Resp: 630280
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.1 10.8 16.2

Manual Integrations
APPROVED

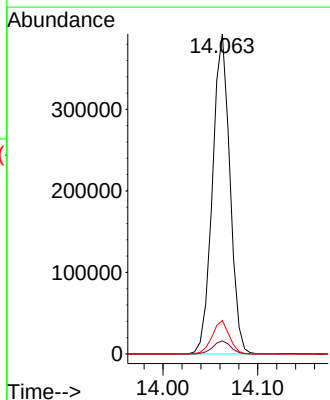
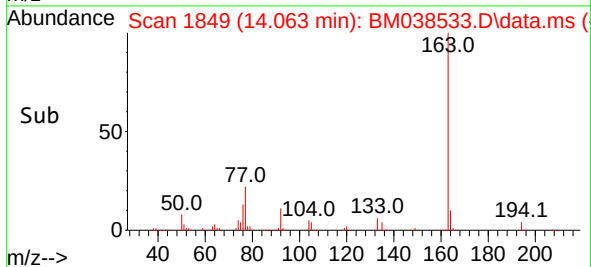
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

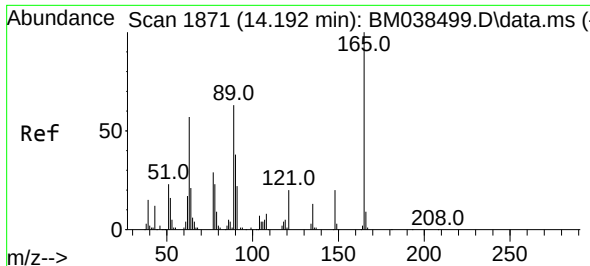


#50
Dimethylphthalate
Concen: 41.283 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



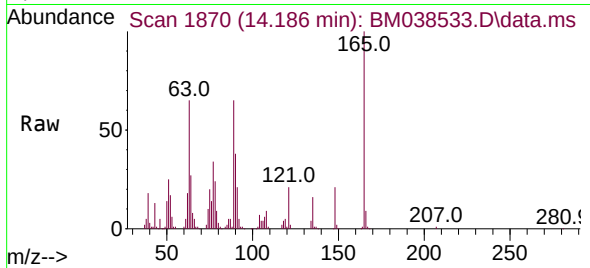
Tgt Ion:163 Resp: 500557
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.047 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

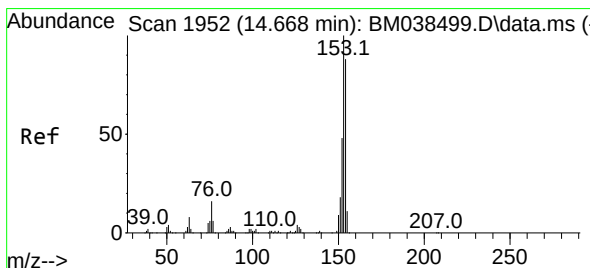
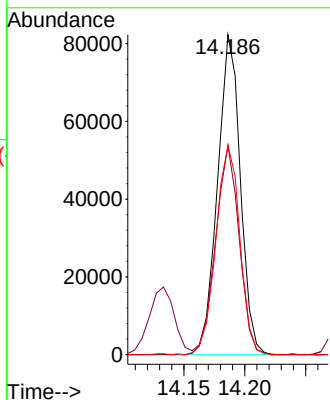
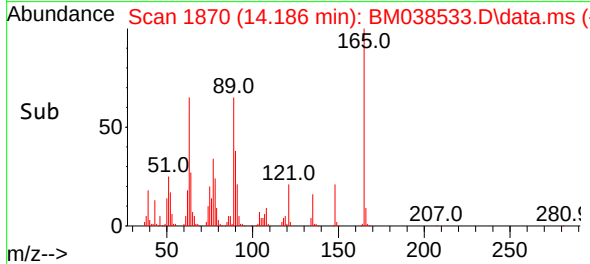
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



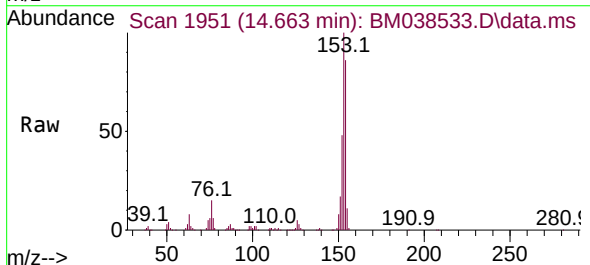
Tgt Ion:165 Resp: 107291
Ion Ratio Lower Upper
165 100
63 65.3 51.0 76.4
89 65.4 50.2 75.4

Manual Integrations
APPROVED

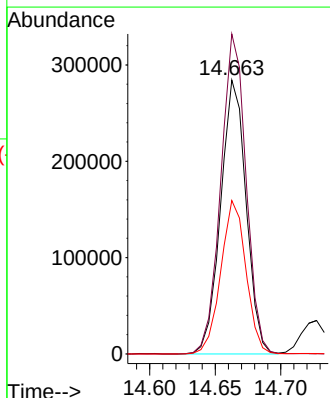
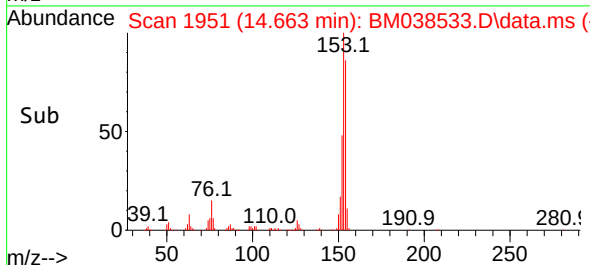
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

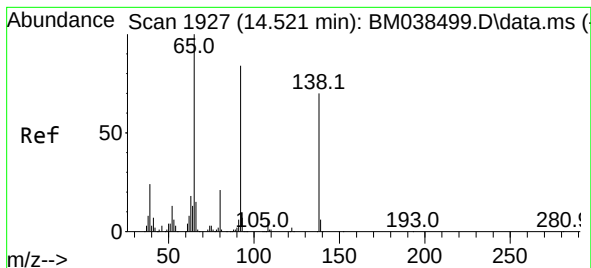


#52
Acenaphthene
Concen: 40.797 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



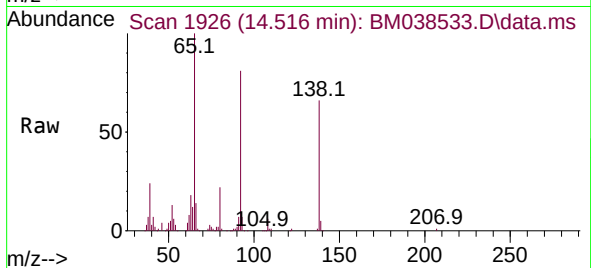
Tgt Ion:154 Resp: 383336
Ion Ratio Lower Upper
154 100
153 116.9 90.7 136.1
152 56.0 43.8 65.8





#53
3-Nitroaniline
Concen: 43.037 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

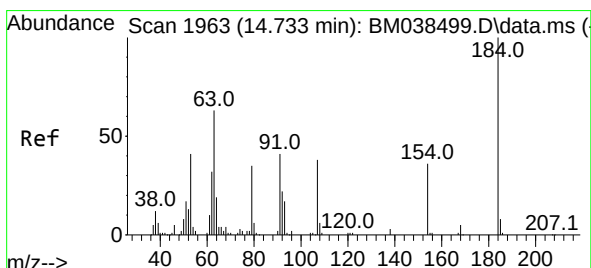
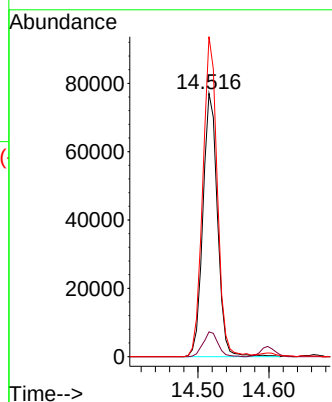
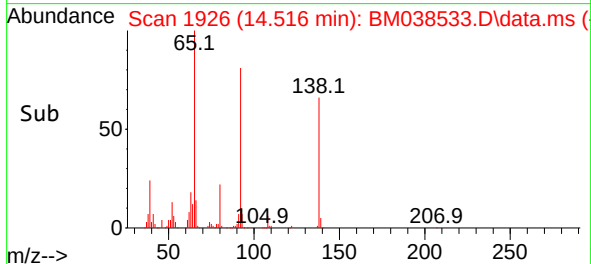
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



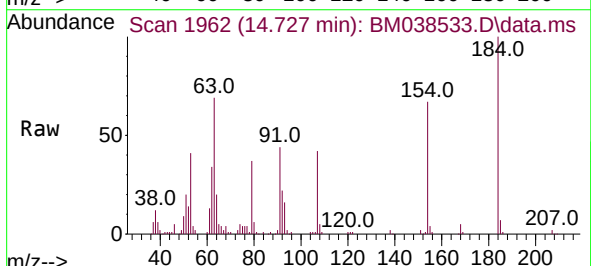
Tgt Ion:138 Resp: 109130
Ion Ratio Lower Upper
138 100
108 9.4 7.0 10.4
92 121.6 95.7 143.5

Manual Integrations
APPROVED

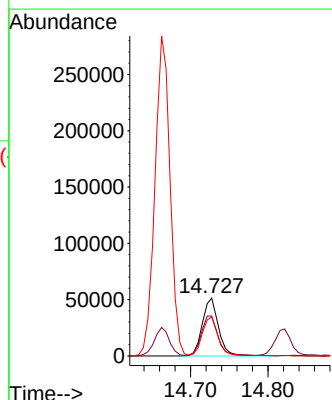
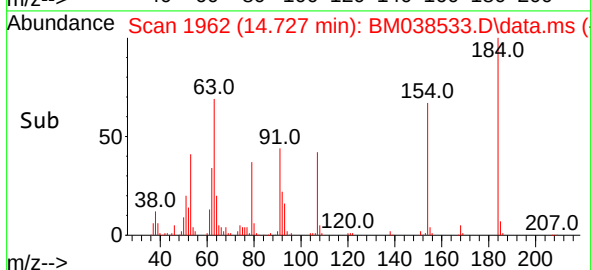
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

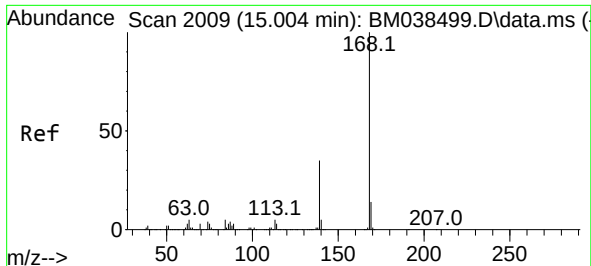


#54
2,4-Dinitrophenol
Concen: 39.673 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



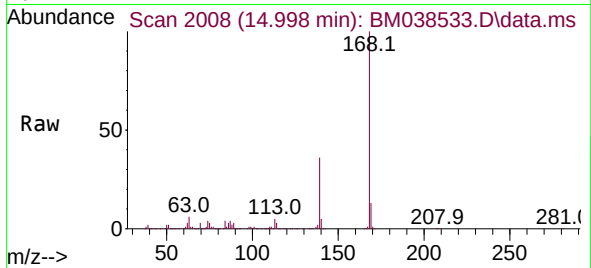
Tgt Ion:184 Resp: 74069
Ion Ratio Lower Upper
184 100
63 69.0 52.2 78.4
154 67.4 48.9 73.3





#55
Dibenzofuran
Concen: 41.890 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

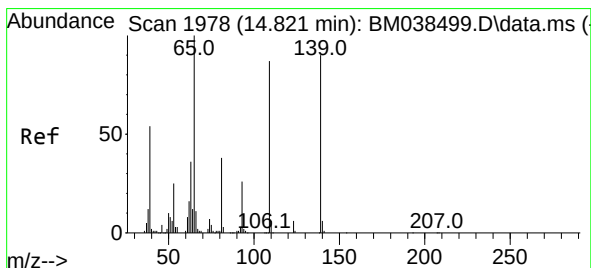
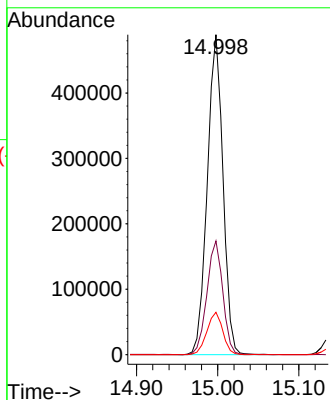
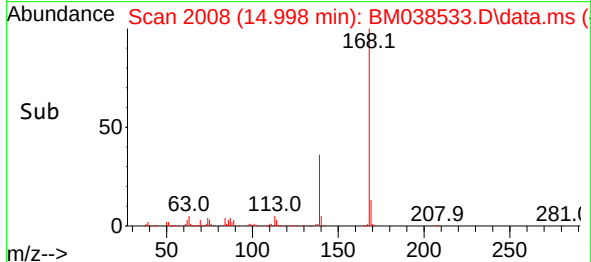
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



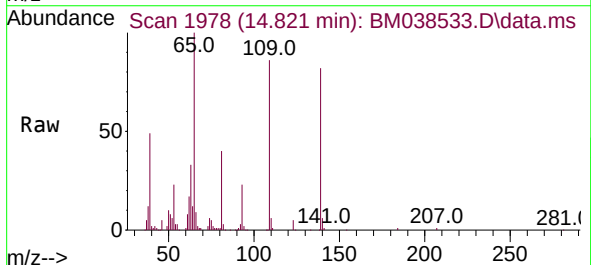
Tgt Ion:168 Resp: 658056
Ion Ratio Lower Upper
168 100
139 35.5 27.9 41.9
169 13.3 11.0 16.6

Manual Integrations
APPROVED

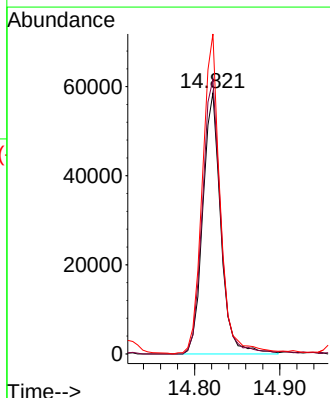
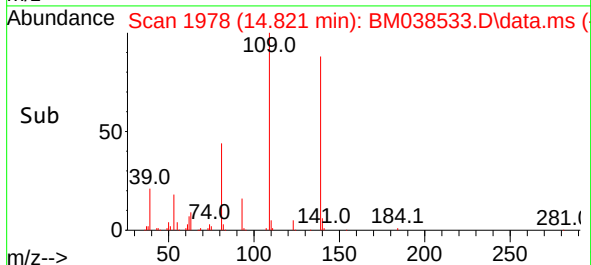
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

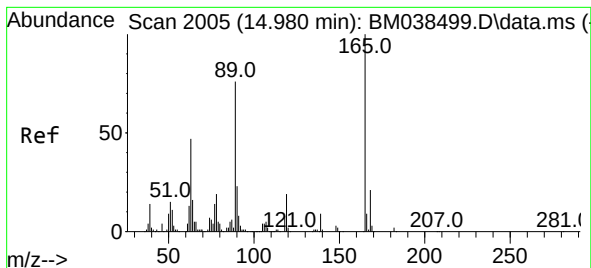


#56
4-Nitrophenol
Concen: 41.097 ng
RT: 14.821 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



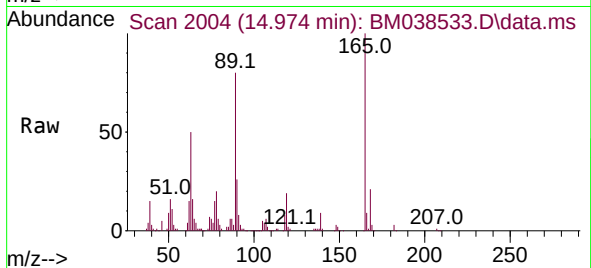
Tgt Ion:139 Resp: 85820
Ion Ratio Lower Upper
139 100
109 105.2 76.8 116.8
65 122.6 91.7 131.7





#57
2,4-Dinitrotoluene
Concen: 44.381 ng
RT: 14.974 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

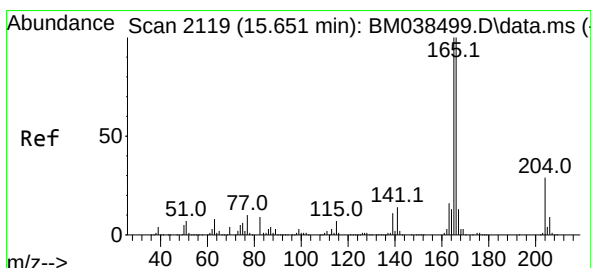
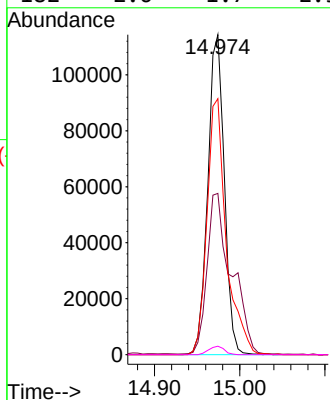
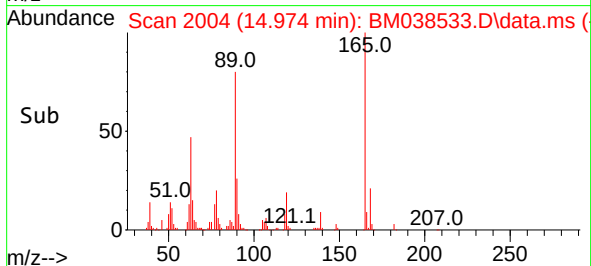
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



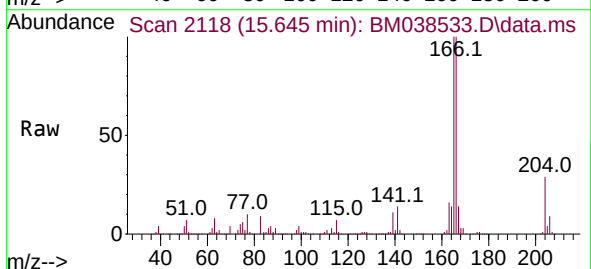
Tgt Ion:165 Resp: 153514
Ion Ratio Lower Upper
165 100
63 50.4 37.8 56.8
89 80.0 60.9 91.3
182 2.6 1.7 2.5#

Manual Integrations
APPROVED

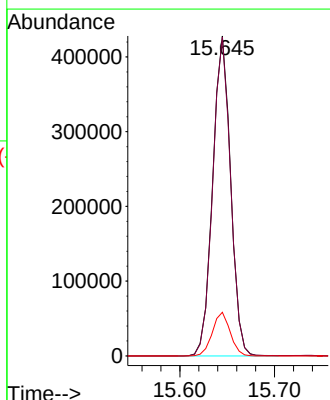
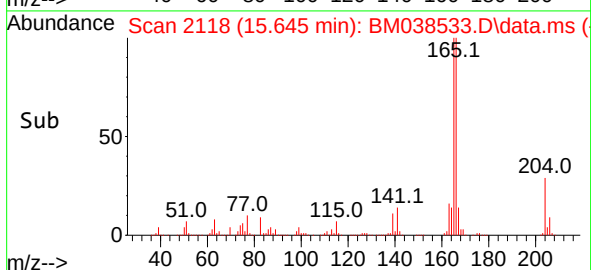
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

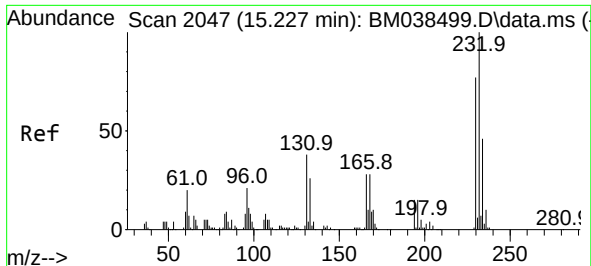


#58
Fluorene
Concen: 44.168 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



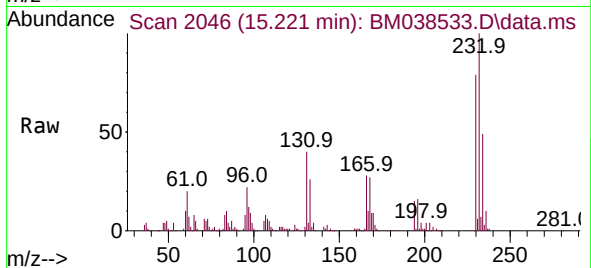
Tgt Ion:166 Resp: 562648
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.369 ng
RT: 15.221 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

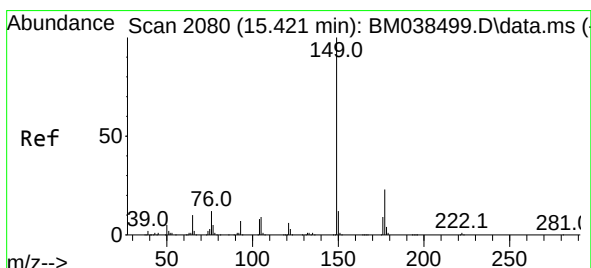
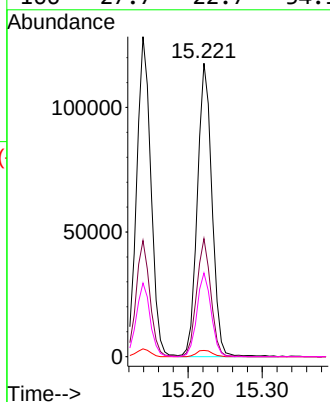
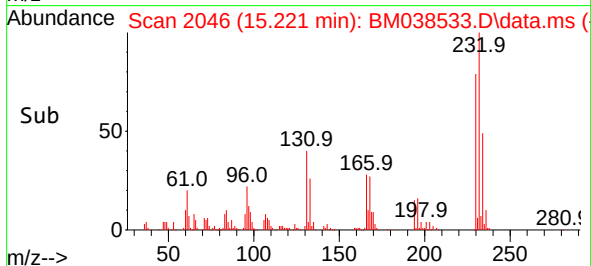
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



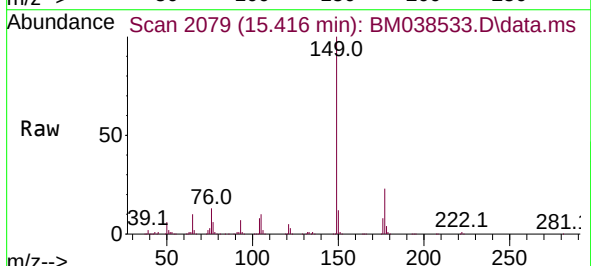
Tgt Ion:232 Resp: 161113
Ion Ratio Lower Upper
232 100
131 39.1 31.0 46.4
130 2.3 1.8 2.6
166 27.7 22.7 34.1

Manual Integrations
APPROVED

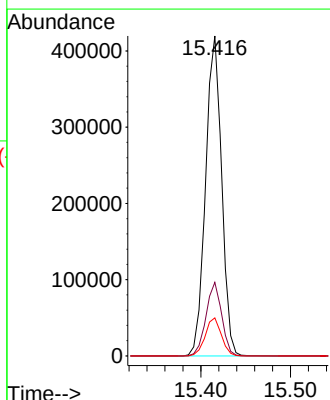
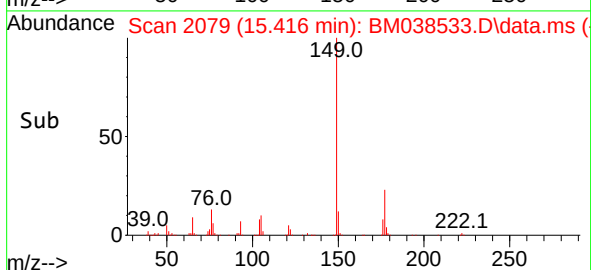
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

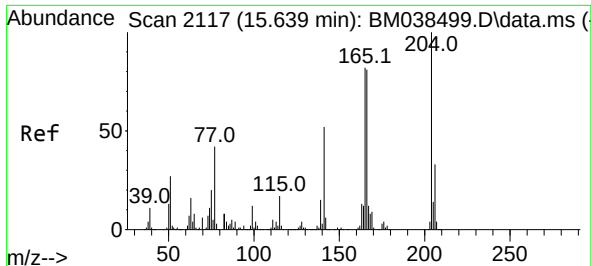


#60
Diethylphthalate
Concen: 43.831 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



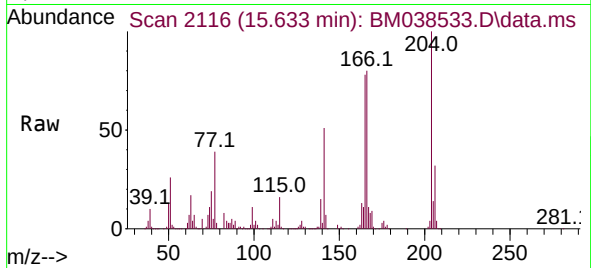
Tgt Ion:149 Resp: 520448
Ion Ratio Lower Upper
149 100
177 23.0 18.6 27.8
150 11.9 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 44.552 ng
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

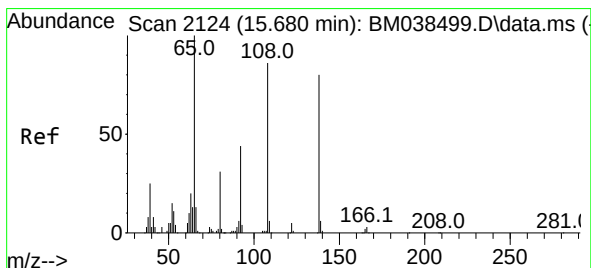
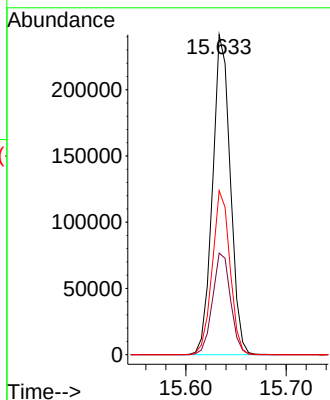
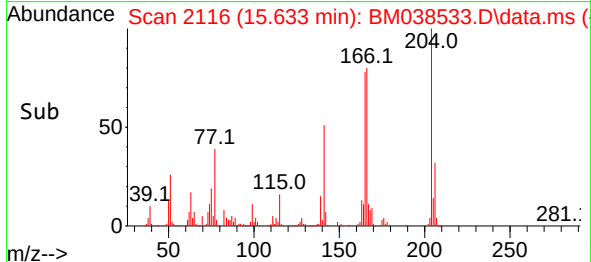
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



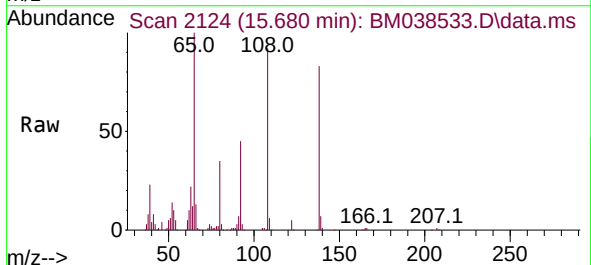
Tgt Ion:204 Resp: 297966
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 51.2 41.5 62.3

Manual Integrations
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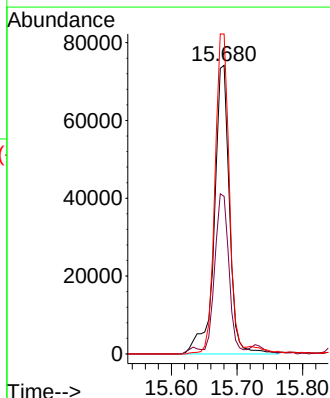
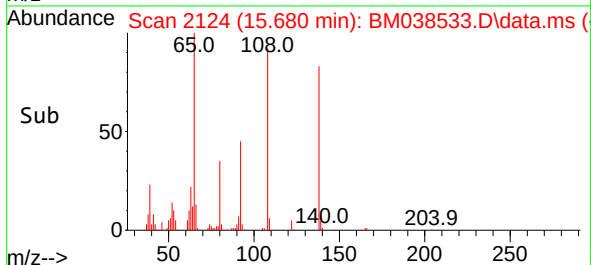
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

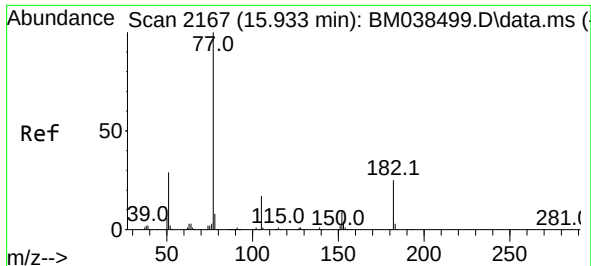


#62
4-Nitroaniline
Concen: 41.315 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



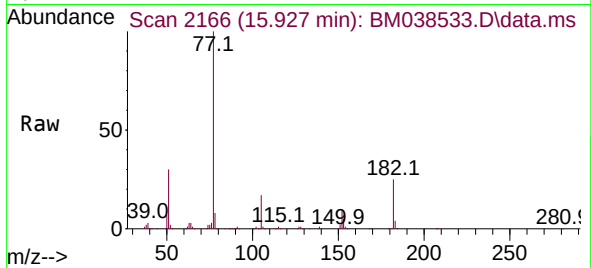
Tgt Ion:138 Resp: 119378
Ion Ratio Lower Upper
138 100
92 54.6 35.2 75.2
108 110.9 87.3 127.3





#63
Azobenzene
Concen: 44.070 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

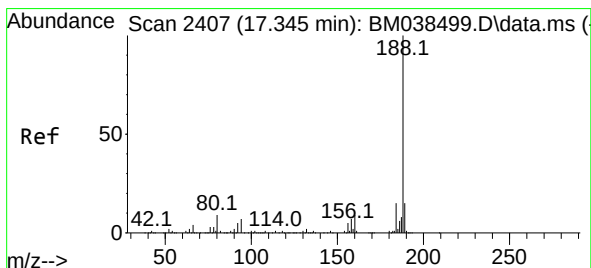
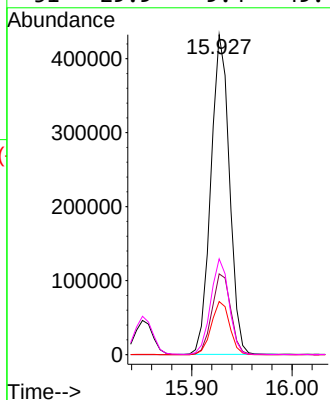
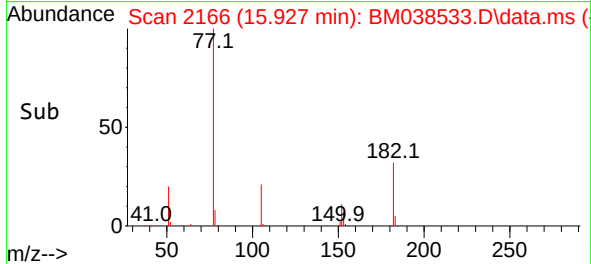
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 554424
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 16.6 0.0 36.7
51 29.9 9.4 49.4

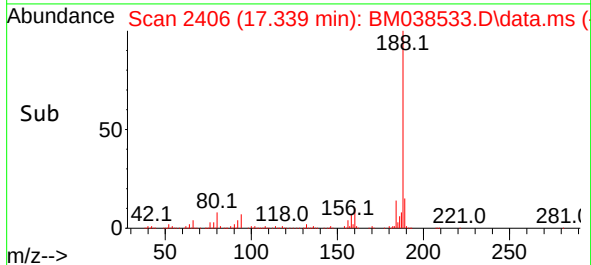
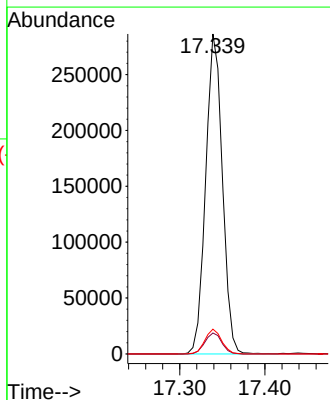
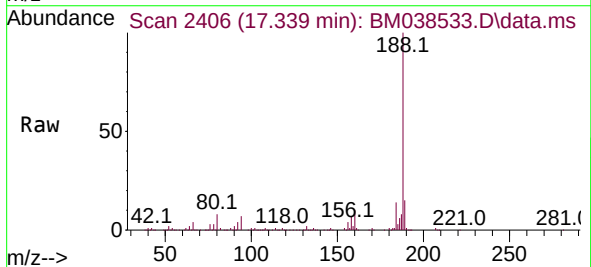
Manual Integrations
APPROVED

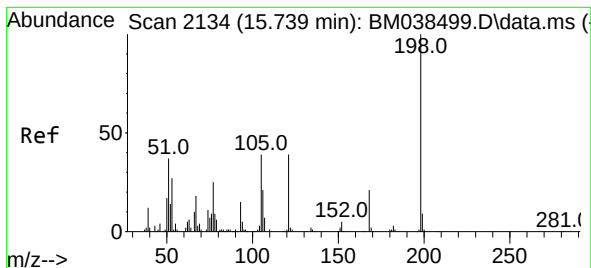
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:188 Resp: 389425
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.7 6.9 10.3





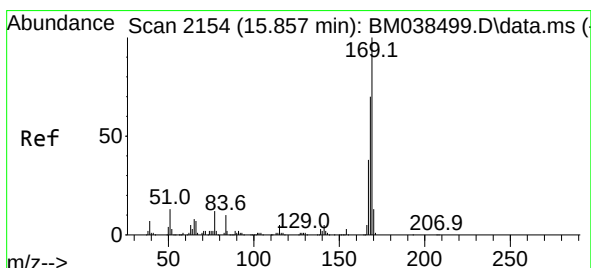
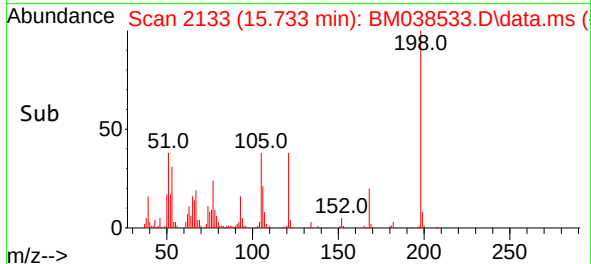
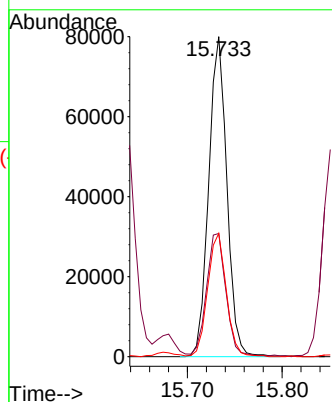
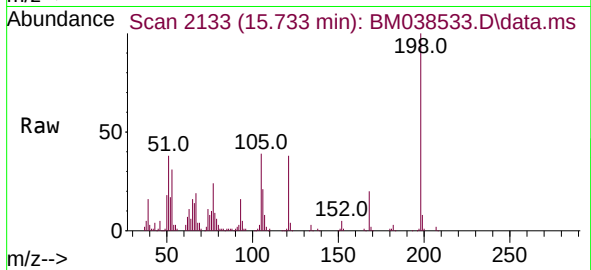
#65
4,6-Dinitro-2-methylphenol
Concen: 42.240 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 106774
Ion Ratio Lower Upper
198 100
51 38.5 18.8 58.8
105 38.5 19.7 59.7

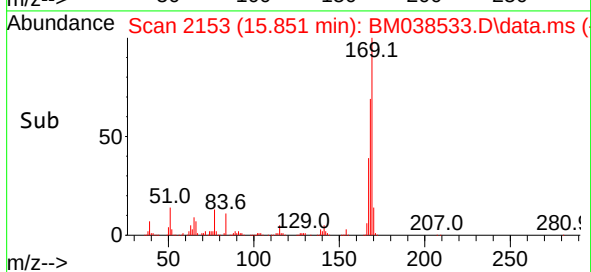
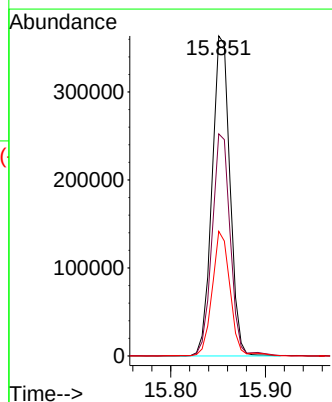
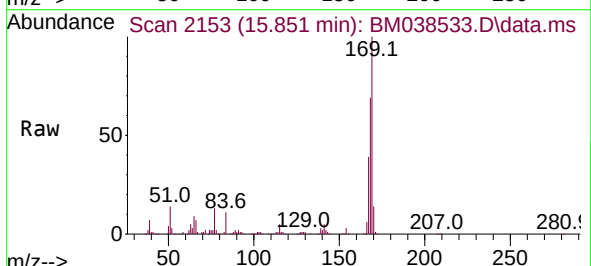
Manual Integrations
APPROVED

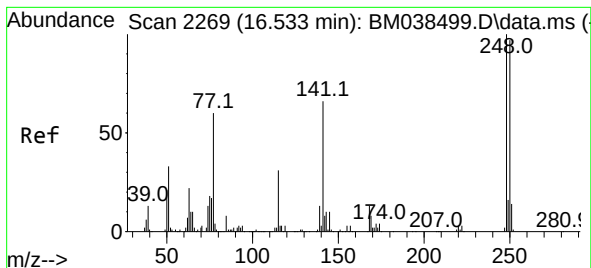
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#66
n-Nitrosodiphenylamine
Concen: 40.847 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

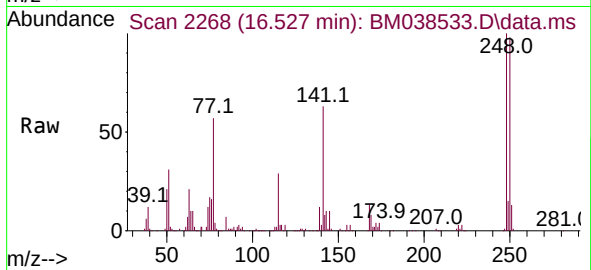
Tgt Ion:169 Resp: 477529
Ion Ratio Lower Upper
169 100
168 69.4 55.8 83.8
167 38.9 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 42.148 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

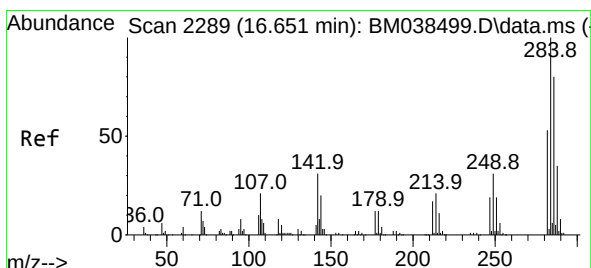
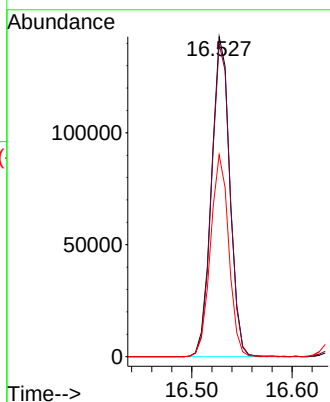
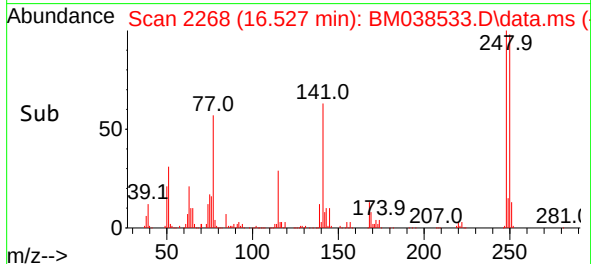
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



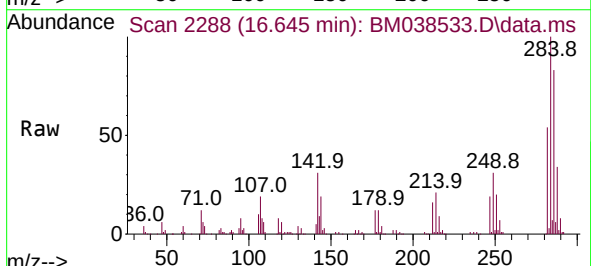
Tgt Ion:248 Resp: 182060
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 63.1 52.5 78.7

Manual Integrations
APPROVED

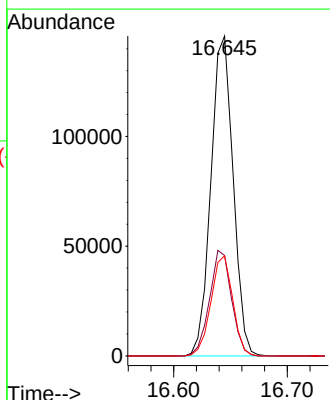
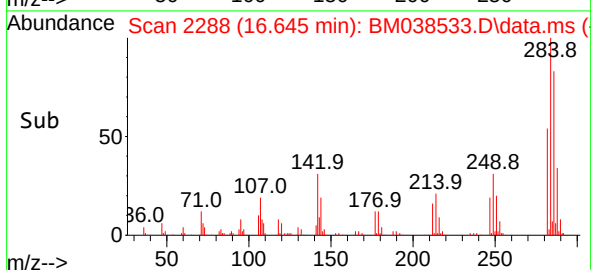
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

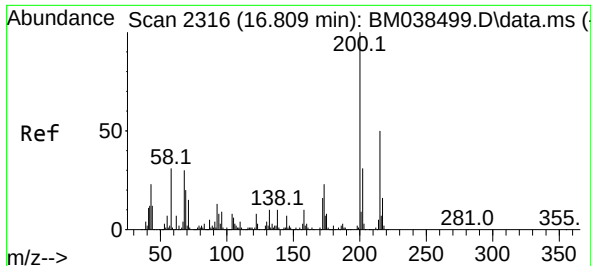


#68
Hexachlorobenzene
Concen: 42.506 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



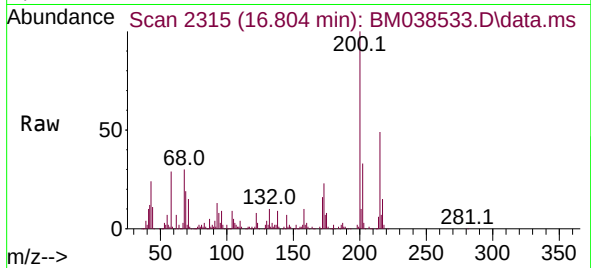
Tgt Ion:284 Resp: 198128
Ion Ratio Lower Upper
284 100
142 31.4 25.2 37.8
249 31.3 24.4 36.6





#69
 Atrazine
 Concen: 42.242 ng
 RT: 16.804 min Scan# 2316
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

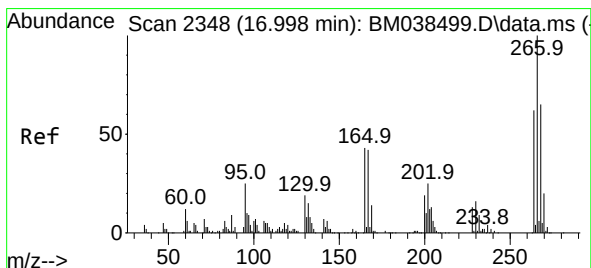
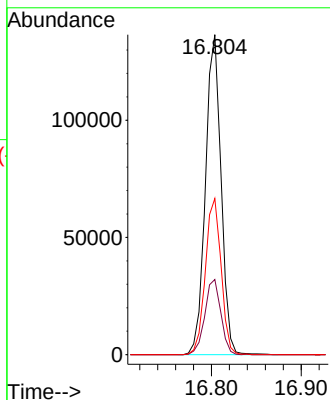
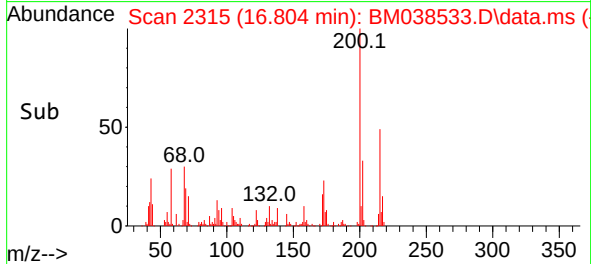
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC



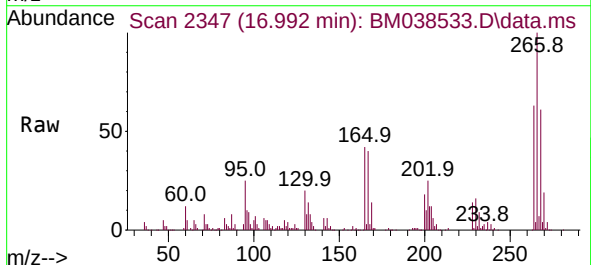
Tgt Ion:200 Resp: 164758
 Ion Ratio Lower Upper
 200 100
 173 23.5 3.5 43.5
 215 48.8 30.0 70.0

Manual Integrations
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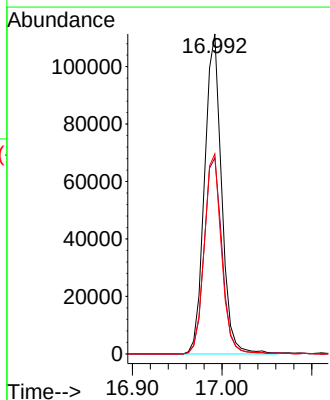
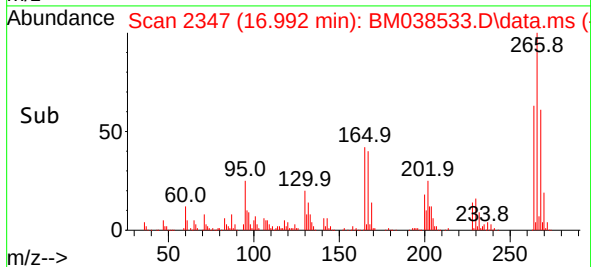
Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023

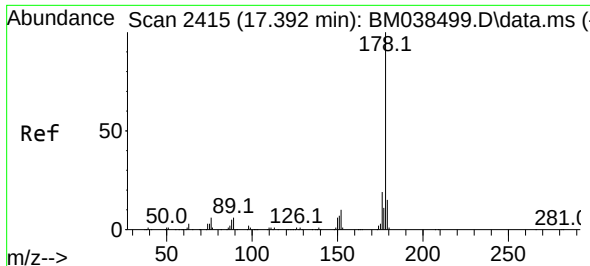


#70
 Pentachlorophenol
 Concen: 44.370 ng
 RT: 16.992 min Scan# 2347
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59



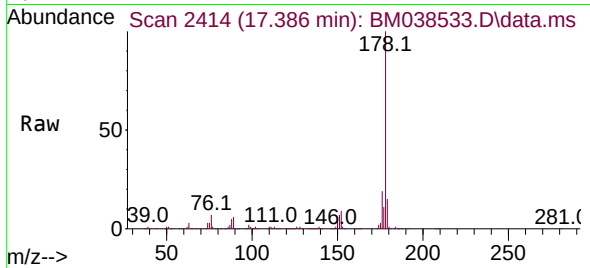
Tgt Ion:266 Resp: 147257
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.7 77.5
 264 62.5 49.4 74.0





#71
Phenanthrene
Concen: 42.211 ng
RT: 17.386 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

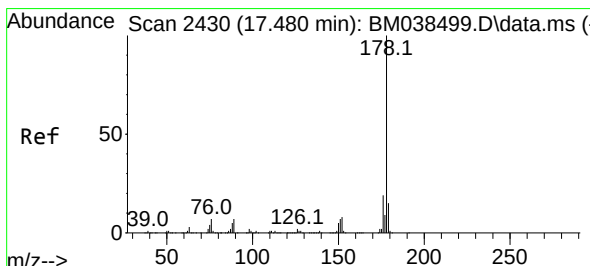
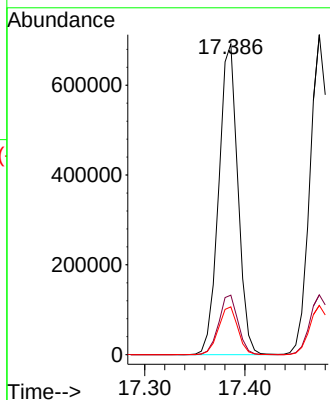
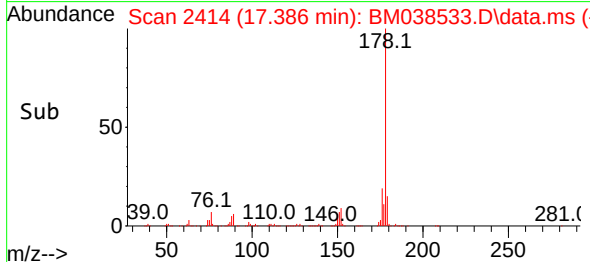
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



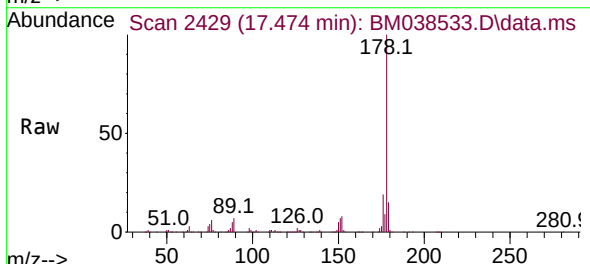
Tgt Ion:178 Resp: 917978
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.4 12.2 18.4

Manual Integrations
APPROVED

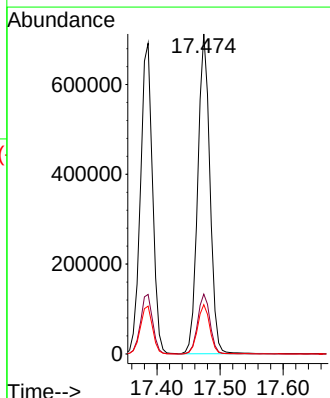
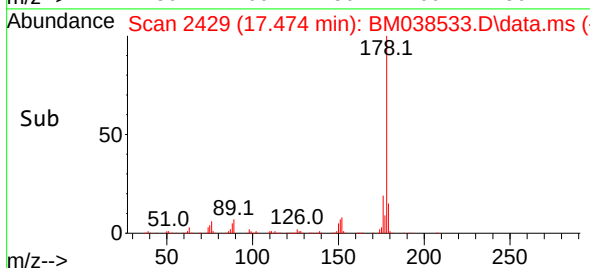
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

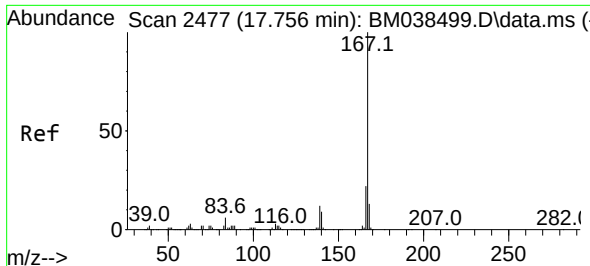


#72
Anthracene
Concen: 42.921 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



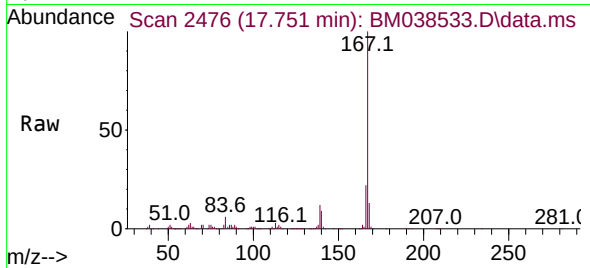
Tgt Ion:178 Resp: 949793
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 43.274 ng
 RT: 17.751 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59

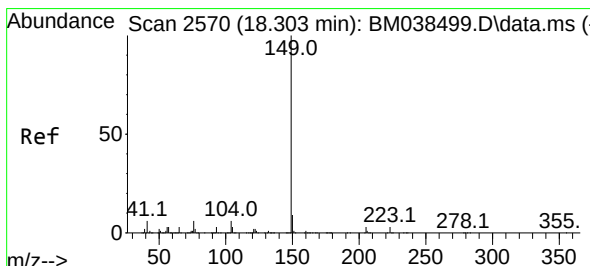
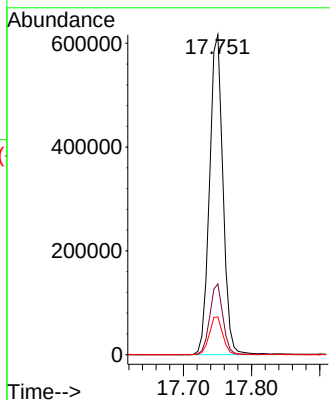
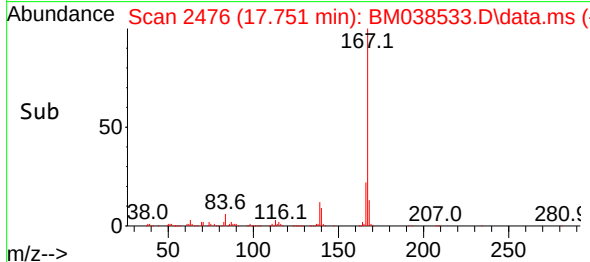
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC



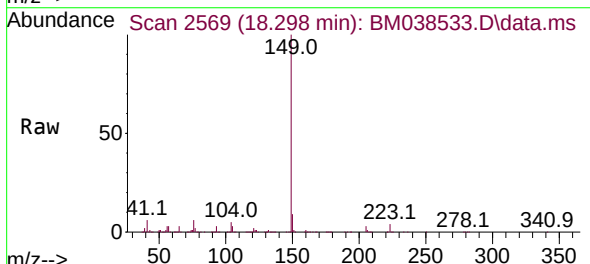
Tgt Ion:167 Resp: 843314
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 11.8 9.4 14.0

Manual Integrations
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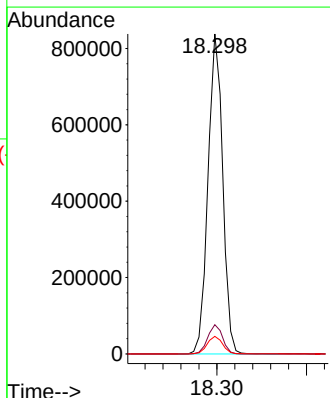
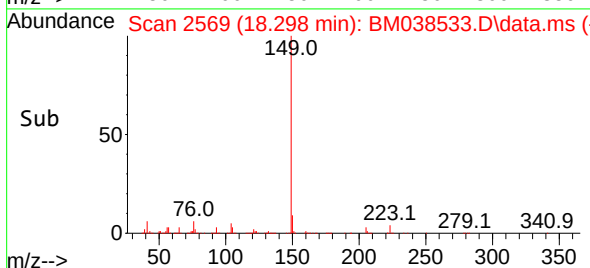
Reviewed By :Christian Giraldo 01/26/2023
 Supervised By :Jagrut Upadhyay 01/26/2023

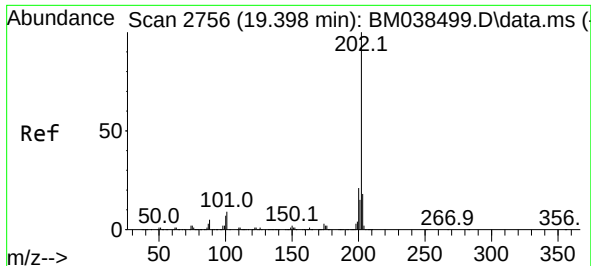


#74
 Di-n-butylphthalate
 Concen: 44.387 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM038533.D
 Acq: 25 Jan 2023 15:59



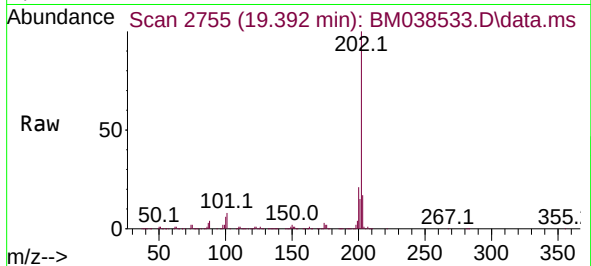
Tgt Ion:149 Resp: 950325
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.5 4.6 6.8





#75
Fluoranthene
Concen: 44.741 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

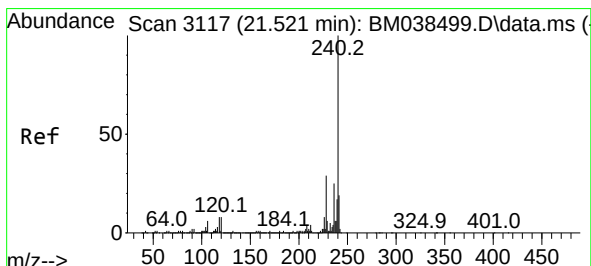
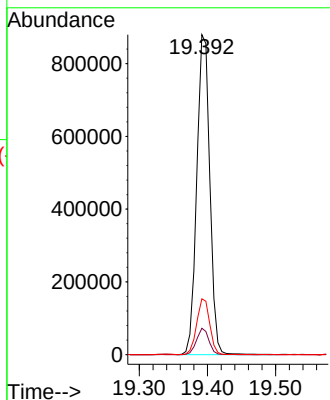
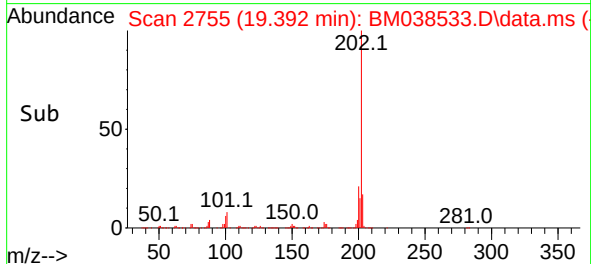
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 1169390
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.4 0.0 37.6

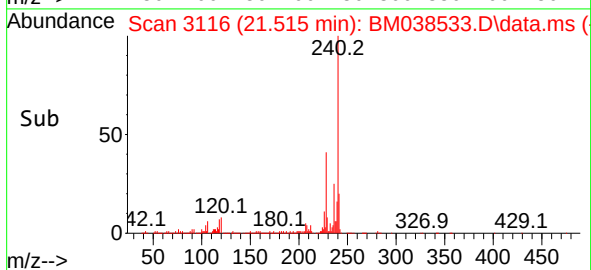
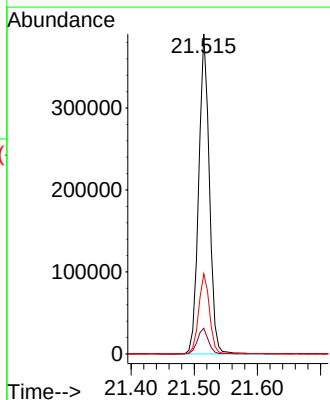
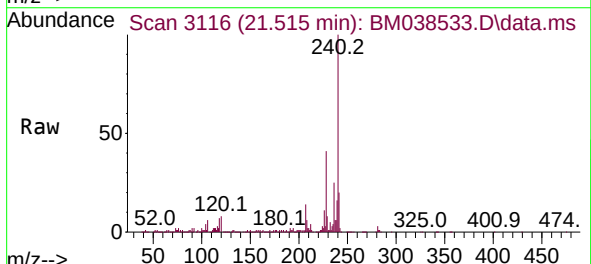
Manual Integrations
APPROVED

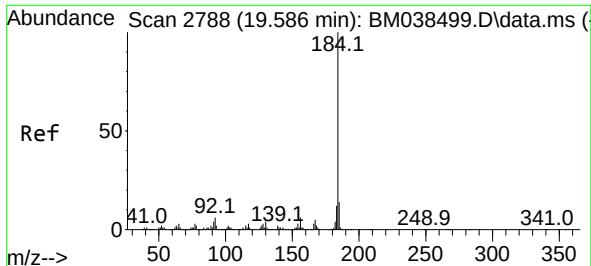
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

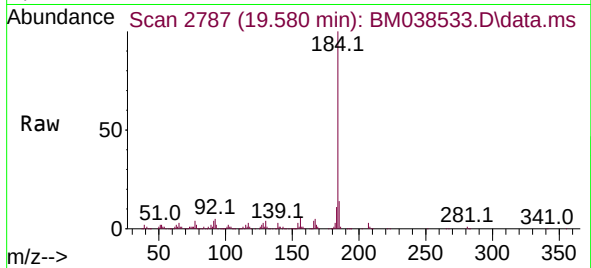
Tgt Ion:240 Resp: 457084
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 25.0 20.2 30.2





#77
Benzidine
Concen: 42.092 ng
RT: 19.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

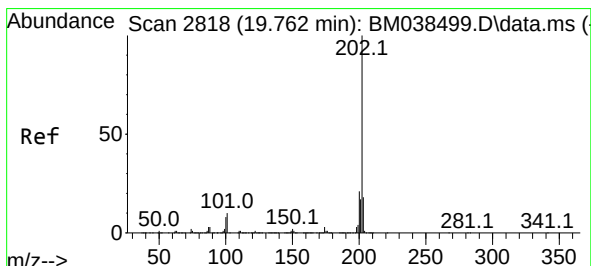
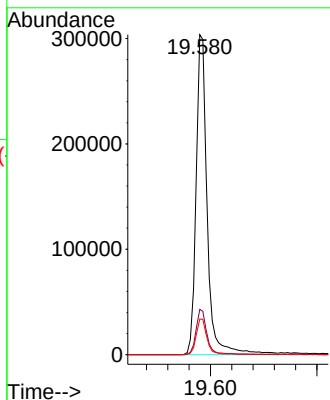
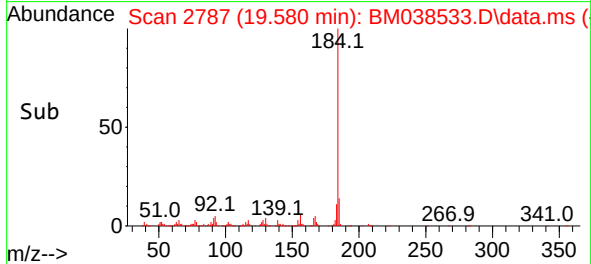
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



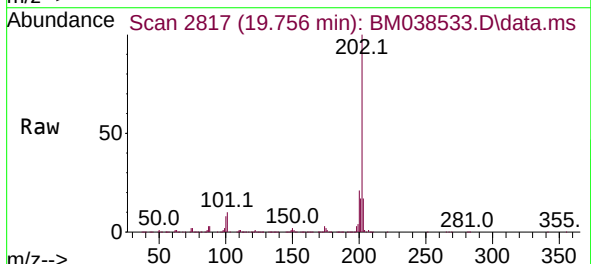
Tgt Ion:184 Resp: 438432
Ion Ratio Lower Upper
184 100
185 14.1 10.9 16.3
183 11.1 9.3 13.9

Manual Integrations
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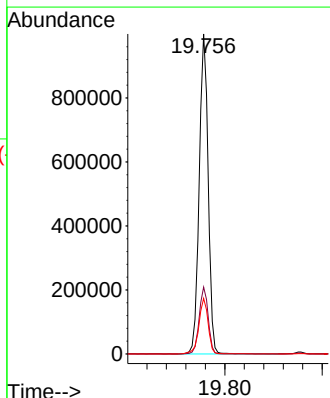
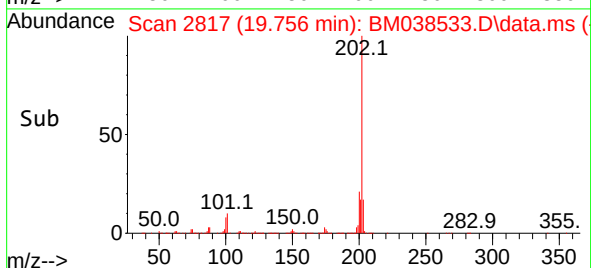
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

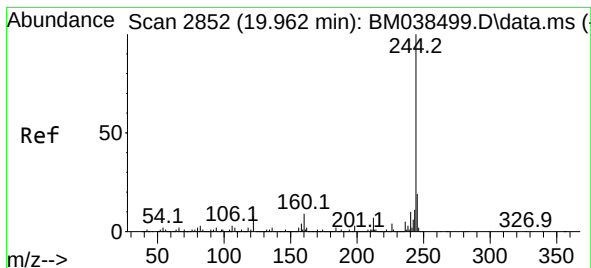


#78
Pyrene
Concen: 39.772 ng
RT: 19.756 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



Tgt Ion:202 Resp: 1265829
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 78.735 ng

RT: 19.956 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp: 184601

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

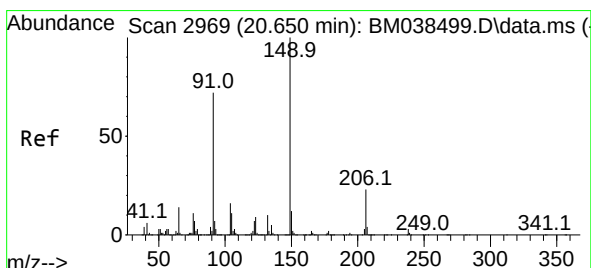
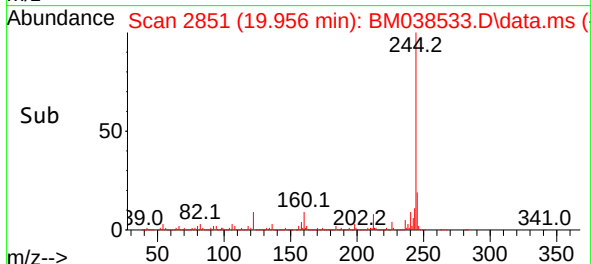
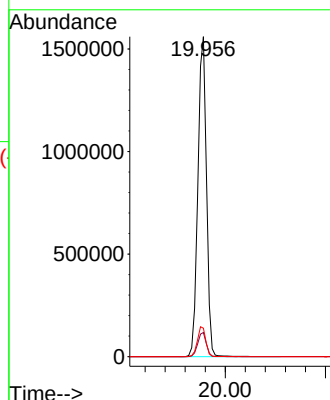
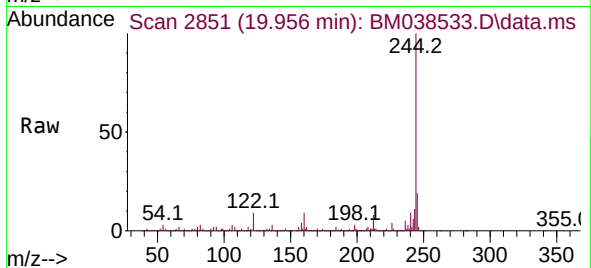
122 8.9 6.7 10.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#80

Butylbenzylphthalate

Concen: 41.521 ng

RT: 20.645 min Scan# 2968

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

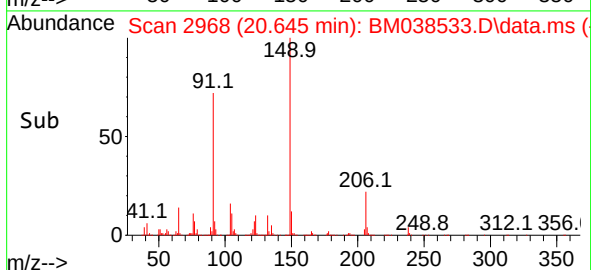
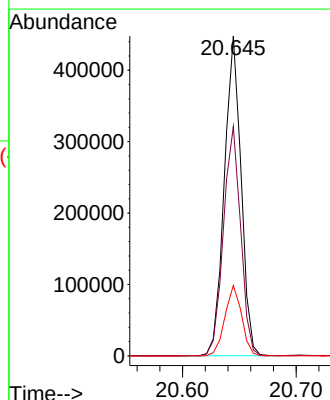
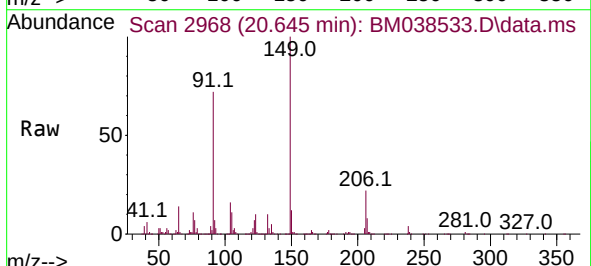
Tgt Ion:149 Resp: 456971

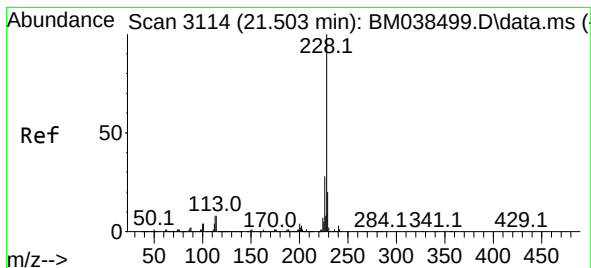
Ion Ratio Lower Upper

149 100

91 71.6 57.5 86.3

206 22.0 18.2 27.2





#81

Benzo(a)anthracene

Concen: 41.223 ng

RT: 21.497 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 1335132

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

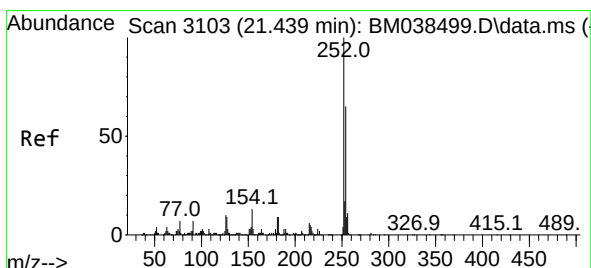
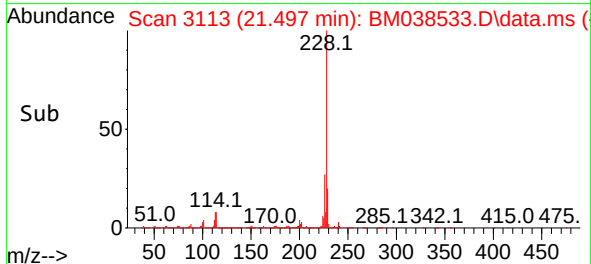
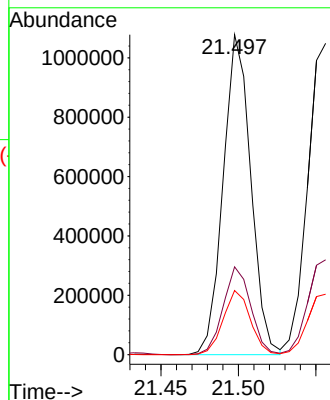
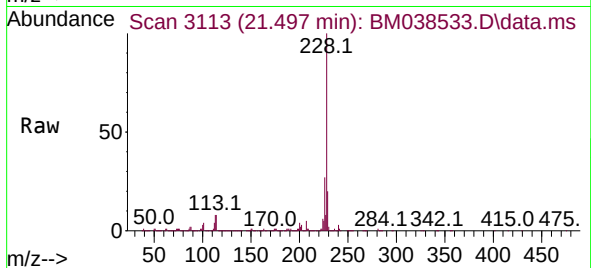
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.228 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

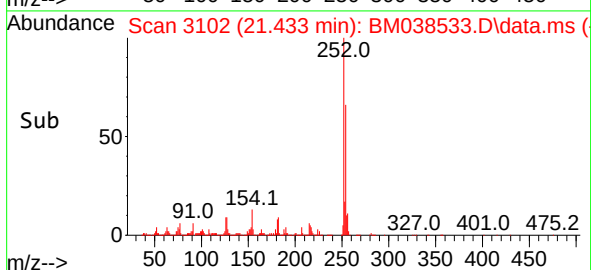
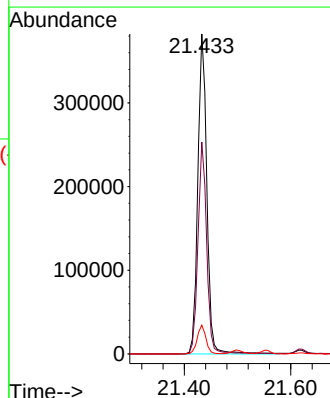
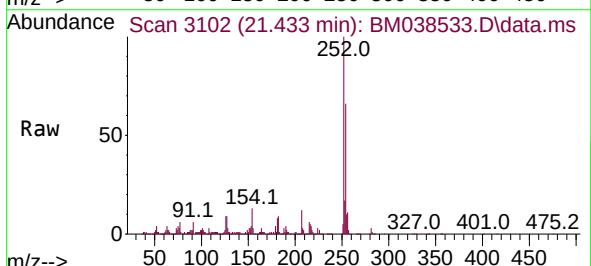
Tgt Ion:252 Resp: 449721

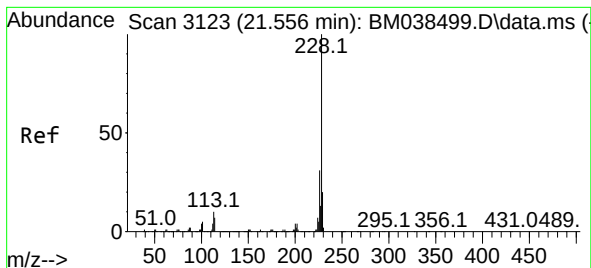
Ion Ratio Lower Upper

252 100

254 66.2 51.9 77.9

126 9.0 7.7 11.5





#83

Chrysene

Concen: 41.444 ng

RT: 21.556 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 1312700

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

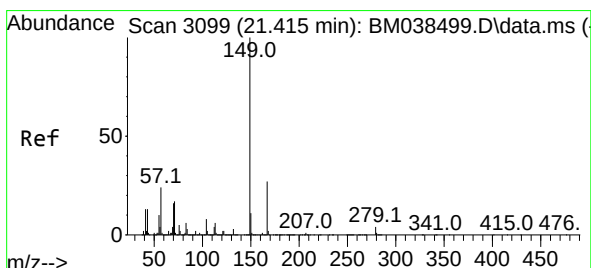
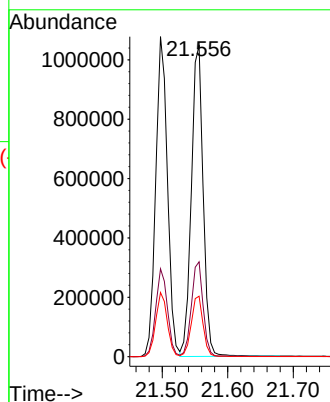
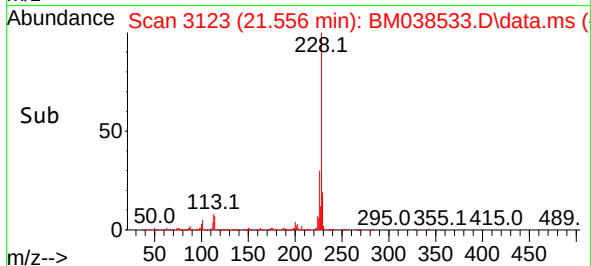
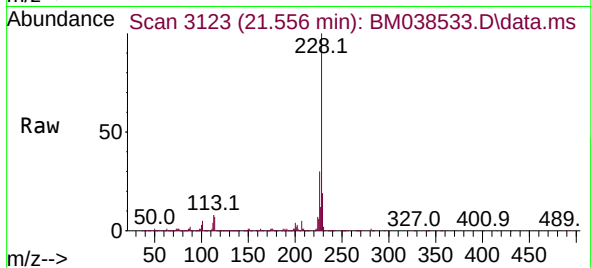
229 19.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.293 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

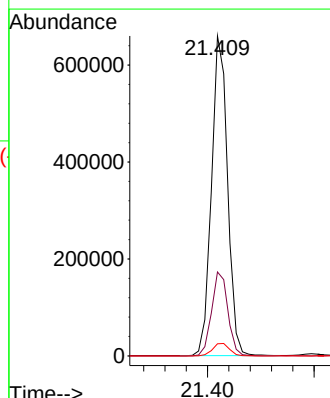
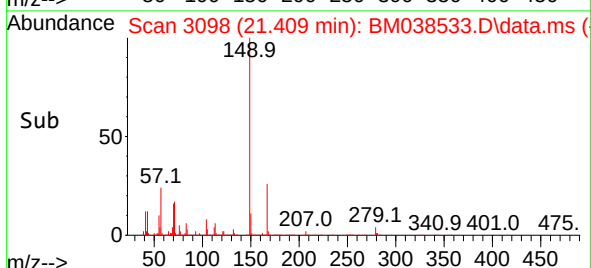
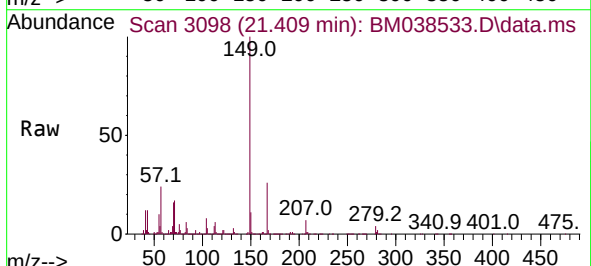
Tgt Ion:149 Resp: 690513

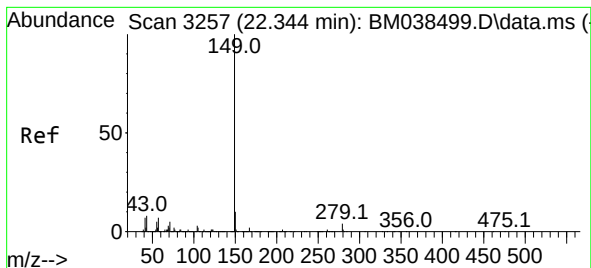
Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

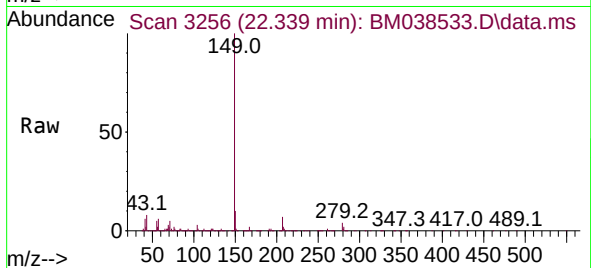
279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 43.575 ng
RT: 22.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

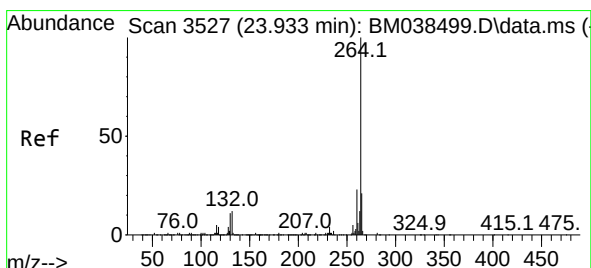
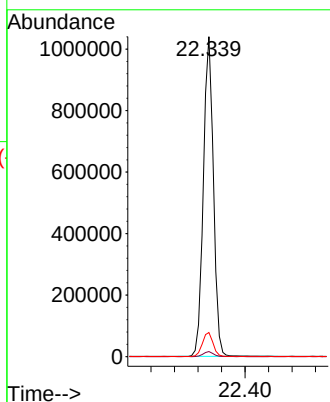
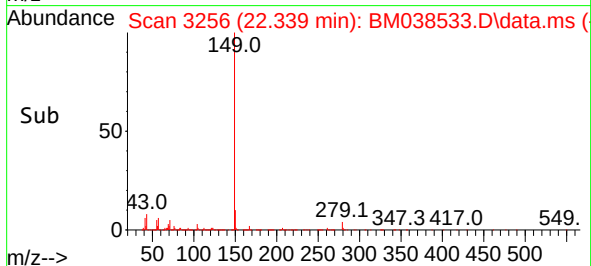
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



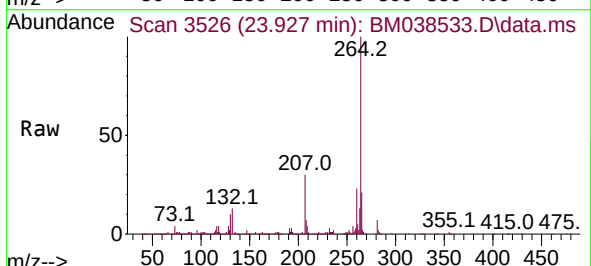
Tgt Ion:149 Resp: 1235844
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.7 10.1

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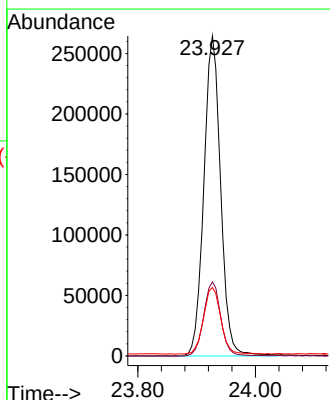
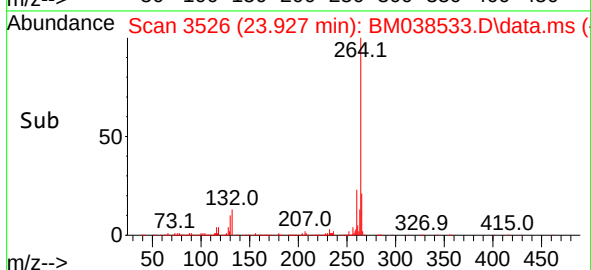
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

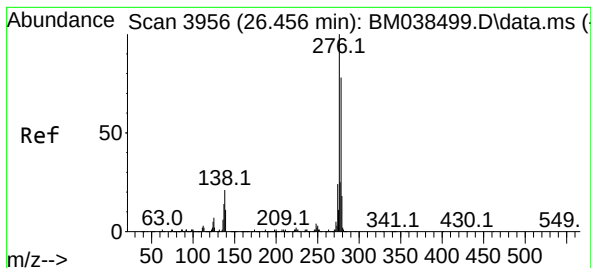


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59



Tgt Ion:264 Resp: 524254
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.968 ng

RT: 26.444 min Scan# 3956

Delta R.T. -0.012 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 1628092

Ion Ratio Lower Upper

276 100

138 19.6 15.8 23.8

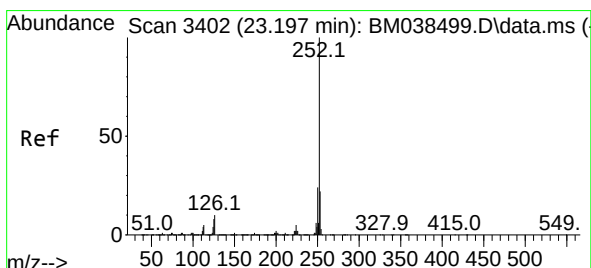
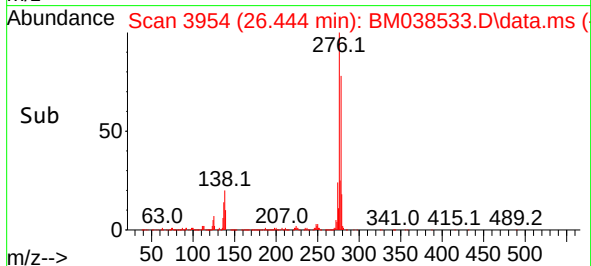
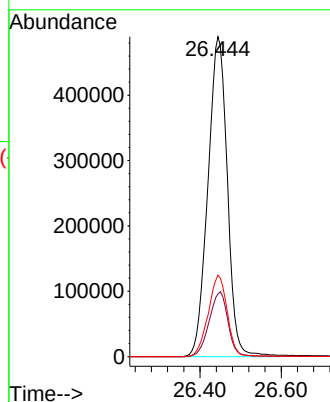
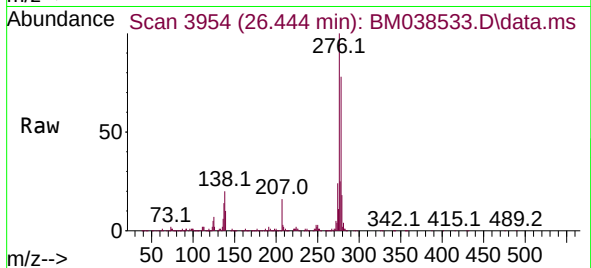
277 24.8 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#88

Benzo(b)fluoranthene

Concen: 42.620 ng

RT: 23.191 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

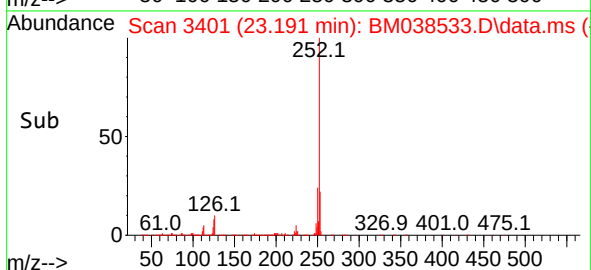
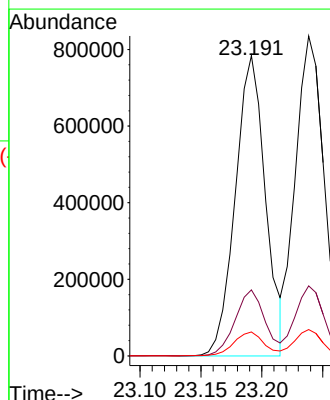
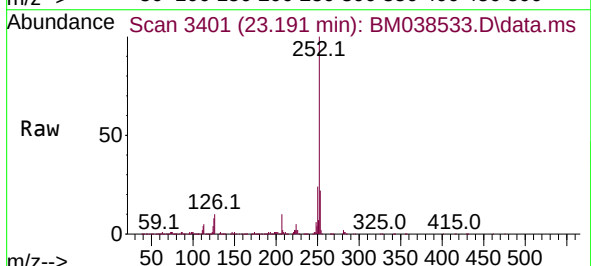
Tgt Ion:252 Resp: 1347863

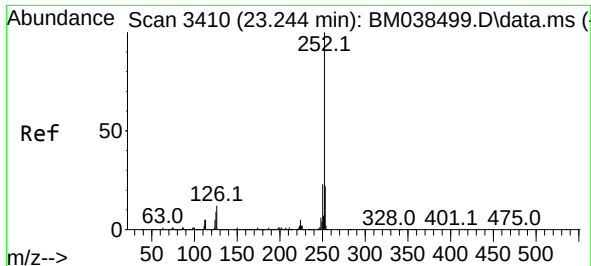
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.0 6.4 9.6





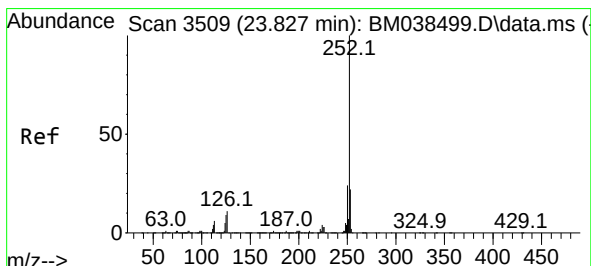
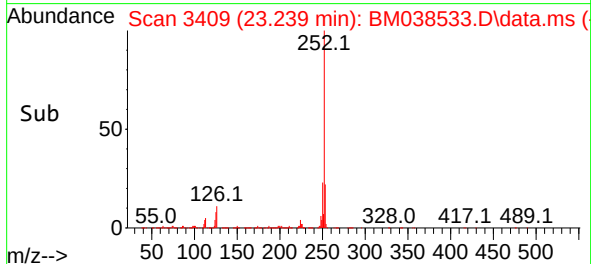
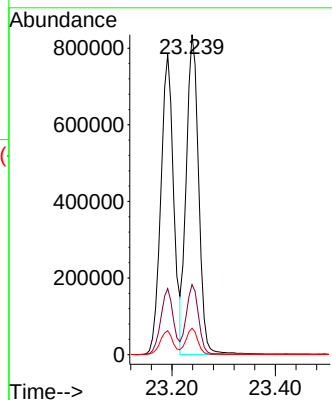
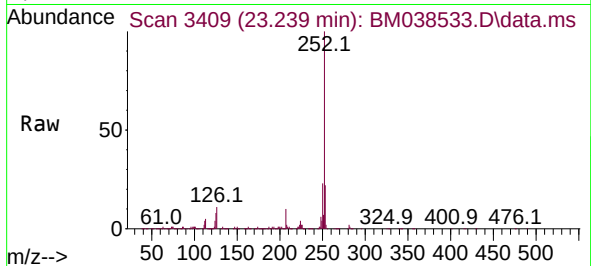
#89
Benzo(k)fluoranthene
Concen: 42.228 ng
RT: 23.239 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 1381856
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.2 6.8 10.2

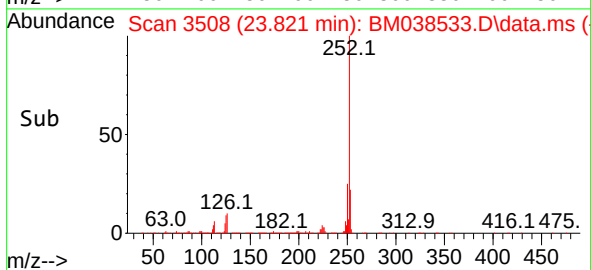
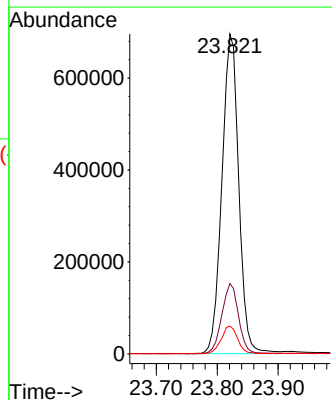
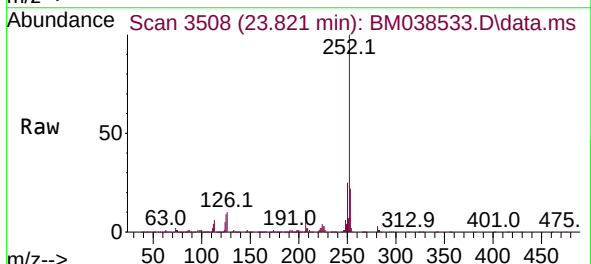
Manual Integrations
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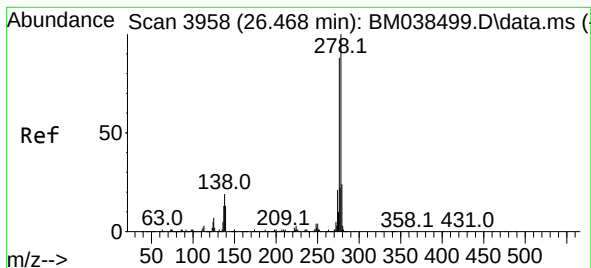
Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023



#90
Benzo(a)pyrene
Concen: 42.605 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038533.D
Acq: 25 Jan 2023 15:59

Tgt Ion:252 Resp: 1335837
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.7 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 42.165 ng

RT: 26.456 min Scan# 3958

Delta R.T. -0.012 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 136153

Ion Ratio Lower Upper

278 100

139 13.1 10.3 15.5

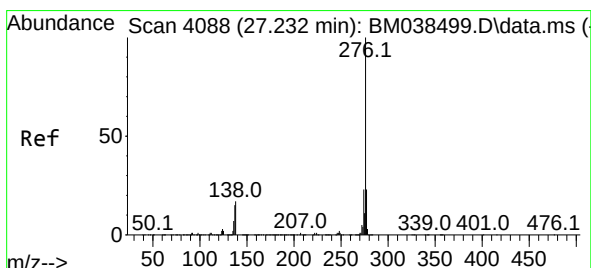
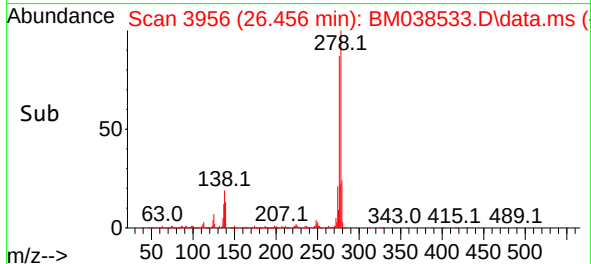
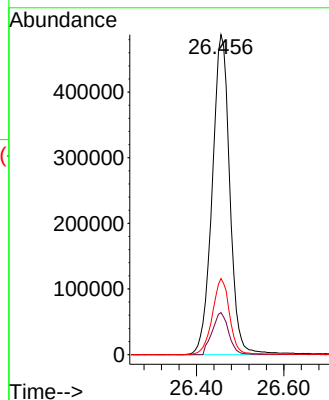
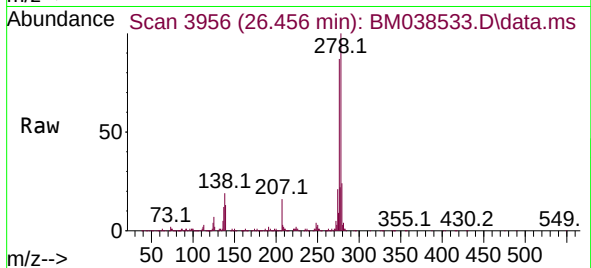
279 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2023

Supervised By :Jagrut Upadhyay 01/26/2023



#92

Benzo(g,h,i)perylene

Concen: 41.574 ng

RT: 27.221 min Scan# 4086

Delta R.T. -0.012 min

Lab File: BM038533.D

Acq: 25 Jan 2023 15:59

Tgt Ion:276 Resp: 1375125

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 16.9 13.8 20.8

