

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038726.D
 Acq On : 14 Feb 2023 12:14
 Operator : CG/JU
 Sample : PB150810BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150810BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/15/2023
 Supervised By : Jagrut Upadhyay 02/17/2023

Quant Time: Feb 14 15:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 15:49:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	52576	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	190633	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	122204	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	222894	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	155647	20.000	ng	0.00
86) Perylene-d12	23.839	264	170342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	420797	156.783	ng	0.00
7) Phenol-d6	7.081	99	467188	152.621	ng	0.00
23) Nitrobenzene-d5	9.081	82	280174	83.480	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	209198	125.945	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	840043	87.514	ng	0.00
79) Terphenyl-d14	19.904	244	932331	105.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	38674	32.685	ng	99
3) Pyridine	3.728	79	95520	33.949	ng	95
4) n-Nitrosodimethylamine	3.640	42	52534	41.359	ng	92
6) Aniline	7.234	93	142566	37.336	ng	97
8) 2-Chlorophenol	7.469	128	147142	50.242	ng	95
9) Benzaldehyde	7.046	77	32779m	24.295	ng	
10) Phenol	7.110	94	154283	49.889	ng	92
11) bis(2-Chloroethyl)ether	7.334	93	114354	45.661	ng	99
12) 1,3-Dichlorobenzene	7.787	146	177085	47.325	ng	98
13) 1,4-Dichlorobenzene	7.940	146	179563	47.549	ng	97
14) 1,2-Dichlorobenzene	8.251	146	175890	48.618	ng	99
15) Benzyl Alcohol	8.157	79	96772m	42.951	ng	
16) 2,2'-oxybis(1-Chloropr...	8.440	45	102155	43.063	ng	96
17) 2-Methylphenol	8.357	107	106766	45.010	ng	97
18) Hexachloroethane	8.975	117	60146	49.317	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	83243	45.115	ng	97
20) 3+4-Methylphenols	8.693	107	142598	45.089	ng	97
22) Acetophenone	8.740	105	188181	41.393	ng	# 97
24) Nitrobenzene	9.122	77	136869	40.179	ng	93
25) Isophorone	9.645	82	230948	39.281	ng	99
26) 2-Nitrophenol	9.828	139	84786	44.728	ng	100
27) 2,4-Dimethylphenol	9.892	122	120903	44.207	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	150898	41.997	ng	99
29) 2,4-Dichlorophenol	10.363	162	161250	41.500	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	165936	40.147	ng	97
31) Naphthalene	10.763	128	430271	43.984	ng	98
32) Benzoic acid	10.051	122	89393	40.378	ng	94
33) 4-Chloroaniline	10.887	127	68579	15.996	ng	97
34) Hexachlorobutadiene	11.034	225	81977	39.593	ng	95
35) Caprolactam	11.686	113	31361m	37.477	ng	
36) 4-Chloro-3-methylphenol	12.010	107	116088	40.405	ng	95
37) 2-Methylnaphthalene	12.369	142	322736	40.825	ng	98
38) 1-Methylnaphthalene	12.586	142	304509	40.879	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	138653	43.596	ng	# 97
41) Hexachlorocyclopentadiene	12.704	237	182214	92.328	ng	97
43) 2,4,6-Trichlorophenol	12.980	196	107272	42.933	ng	97

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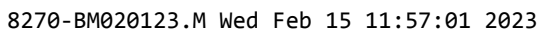
Quant Time: Feb 14 15:51:21 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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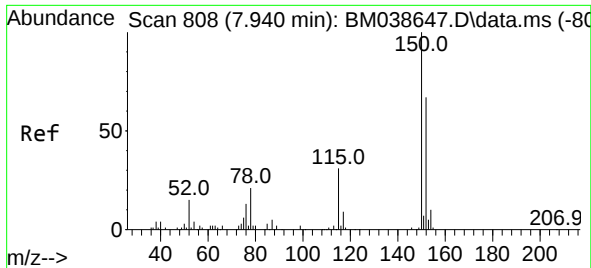
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	114063	38.794	ng	98
46) 1,1'-Biphenyl	13.380	154	447239	46.201	ng	100
47) 2-Chloronaphthalene	13.422	162	350142	45.967	ng	97
48) 2-Nitroaniline	13.639	65	68230	40.065	ng	94
49) Acenaphthylene	14.269	152	538690	44.899	ng	100
50) Dimethylphthalate	14.010	163	409439	41.057	ng	100
51) 2,6-Dinitrotoluene	14.133	165	89054	43.936	ng	94
52) Acenaphthene	14.610	154	319788	44.639	ng	98
53) 3-Nitroaniline	14.469	138	62583	30.130	ng	# 91
54) 2,4-Dinitrophenol	14.675	184	113637	86.135	ng	88
55) Dibenzofuran	14.939	168	509265	41.282	ng	99
56) 4-Nitrophenol	14.780	139	147683	90.849	ng	97
57) 2,4-Dinitrotoluene	14.922	165	118834	40.014	ng	98
58) Fluorene	15.592	166	410361	42.041	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	84023	41.059	ng	96
60) Diethylphthalate	15.363	149	394710	41.780	ng	97
61) 4-Chlorophenyl-phenyle...	15.580	204	166476	40.202	ng	97
62) 4-Nitroaniline	15.627	138	82560m	38.302	ng	
63) Azobenzene	15.874	77	312300	42.966	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	60321	42.989	ng	94
66) n-Nitrosodiphenylamine	15.804	169	333198	45.782	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	96917	45.032	ng	96
68) Hexachlorobenzene	16.586	284	126505	48.096	ng	95
69) Atrazine	16.751	200	98502	46.697	ng	99
70) Pentachlorophenol	16.939	266	154930	80.803	ng	95
71) Phenanthrene	17.327	178	592921	44.800	ng	100
72) Anthracene	17.421	178	594657	43.921	ng	99
73) Carbazole	17.698	167	555799	44.016	ng	99
74) Di-n-butylphthalate	18.245	149	652655	45.748	ng	100
75) Fluoranthene	19.339	202	565892	40.724	ng	99
77) Benzidine	19.533	184	203097	43.728	ng	100
78) Pyrene	19.704	202	598754	49.965	ng	99
80) Butylbenzylphthalate	20.592	149	268177	45.076	ng	96
81) Benzo(a)anthracene	21.445	228	499526	45.370	ng	100
82) 3,3'-Dichlorobenzidine	21.386	252	148224	39.132	ng	98
83) Chrysene	21.498	228	465281	43.861	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	369094	42.689	ng	98
85) Di-n-octyl phthalate	22.280	149	616567	43.711	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	651593	48.564	ng	98
88) Benzo(b)fluoranthene	23.115	252	512641	50.245	ng	99
89) Benzo(k)fluoranthene	23.162	252	519776m	50.168	ng	
90) Benzo(a)pyrene	23.733	252	453552	44.952	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	550568	48.773	ng	97
92) Benzo(g,h,i)perylene	27.074	276	556202	48.744	ng	97

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

Manual Integrations APPROVED

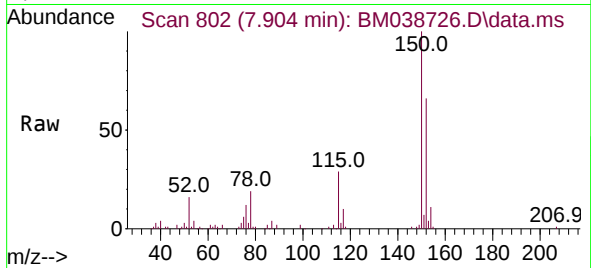
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

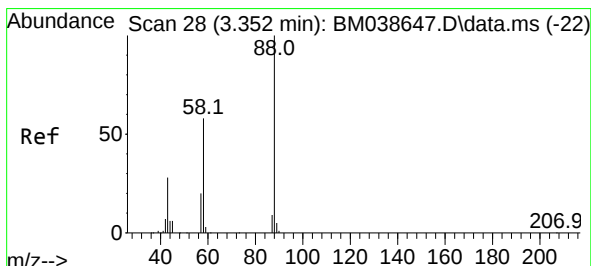
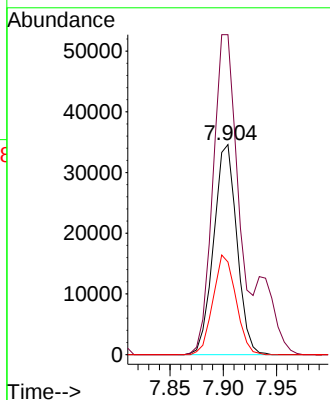
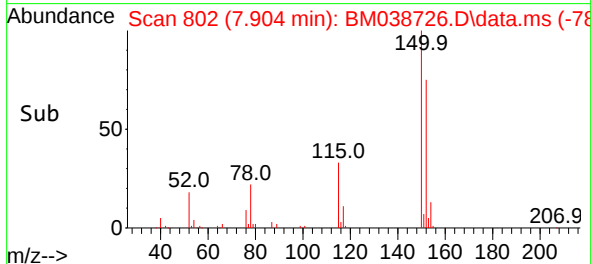
Instrument :
BNA_M
ClientSampleId :
PB150810BS



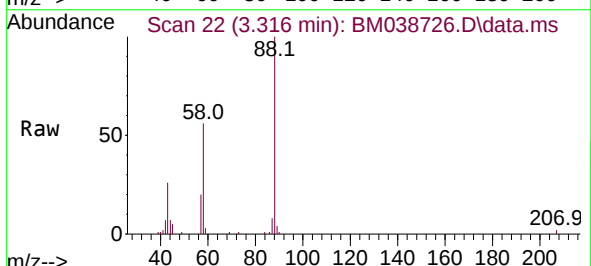
Tgt Ion: 152 Resp: 52576
Ion Ratio Lower Upper
152 100
150 152.4 119.5 179.3
115 44.1 37.6 56.4

Manual Integrations
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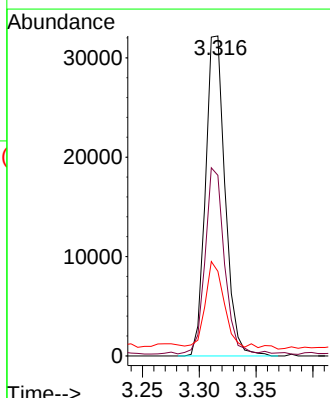
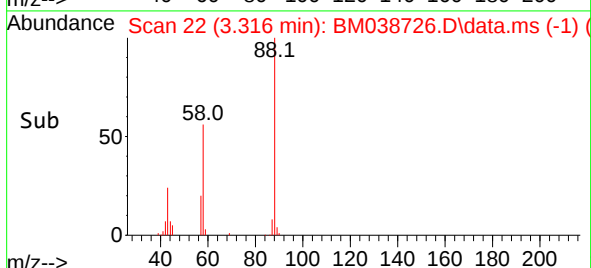
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

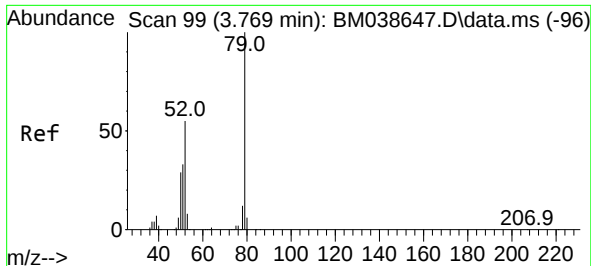


#2
1,4-Dioxane
Concen: 32.685 ng
RT: 3.316 min Scan# 22
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



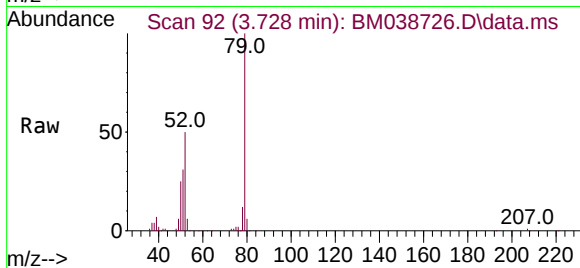
Tgt Ion: 88 Resp: 38674
Ion Ratio Lower Upper
88 100
58 58.6 47.0 70.4
43 27.0 22.6 33.8





#3
Pyridine
Concen: 33.949 ng
RT: 3.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

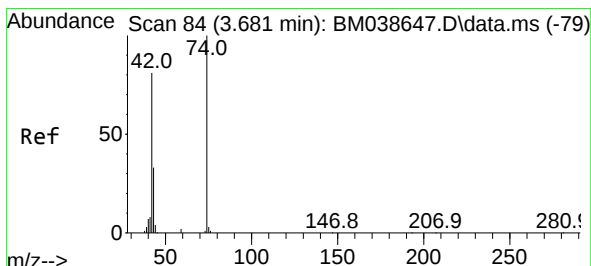
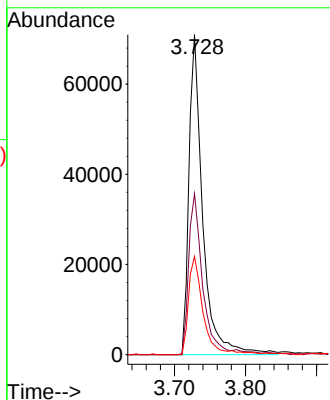
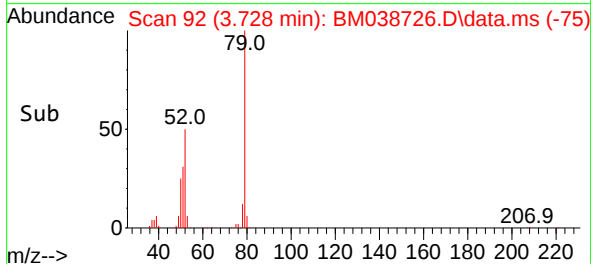
Instrument :
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ClientSampleId :
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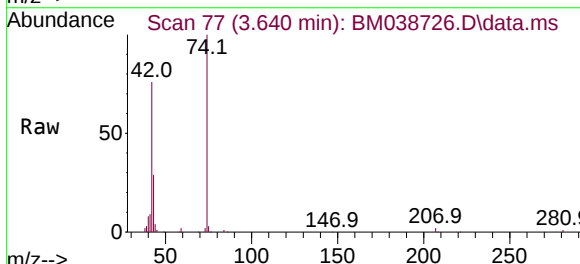
Tgt Ion: 79 Resp: 95520
Ion Ratio Lower Upper
79 100
52 50.3 43.7 65.5
51 30.7 26.6 40.0

Manual Integrations
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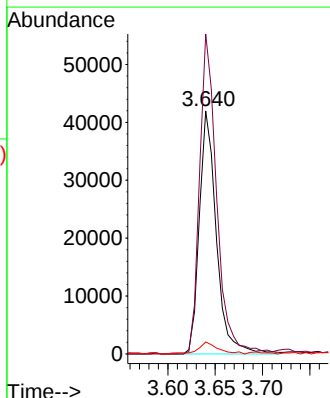
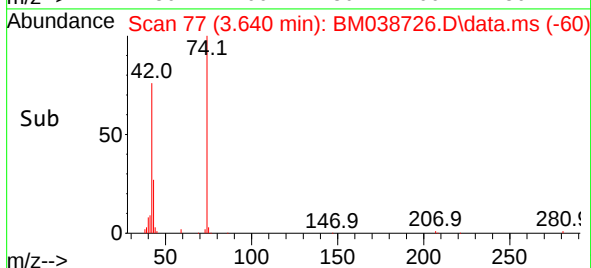
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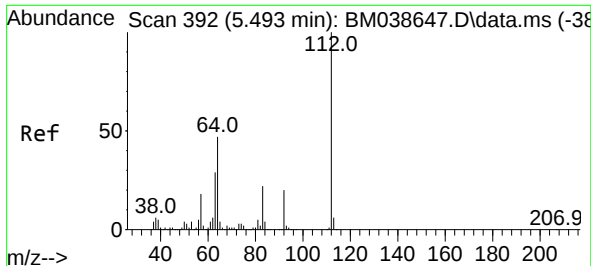


#4
n-Nitrosodimethylamine
Concen: 41.359 ng
RT: 3.640 min Scan# 77
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



Tgt Ion: 42 Resp: 52534
Ion Ratio Lower Upper
42 100
74 131.7 98.4 147.6
44 4.9 3.5 5.3





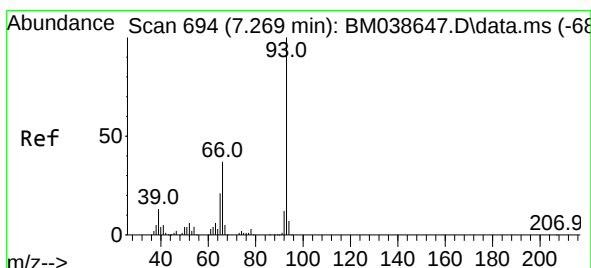
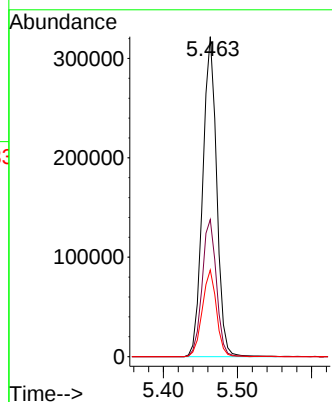
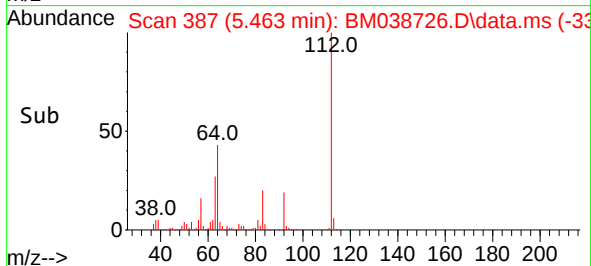
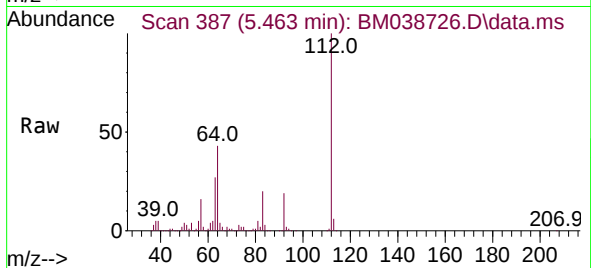
#5
2-Fluorophenol
Concen: 156.783 ng
RT: 5.463 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:112 Resp: 420797
Ion Ratio Lower Upper
112 100
64 42.8 37.9 56.9
63 27.1 23.3 34.9

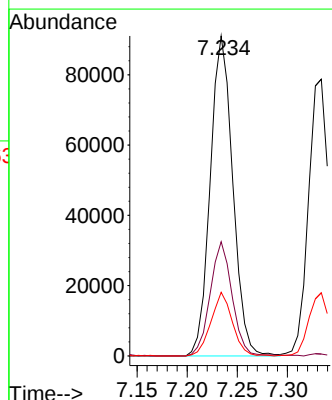
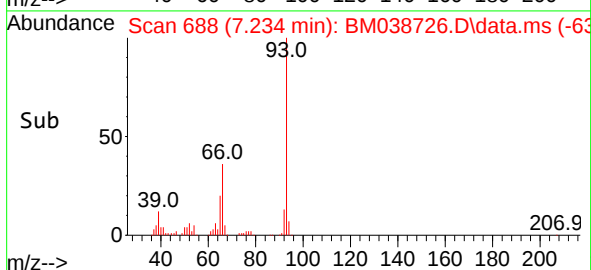
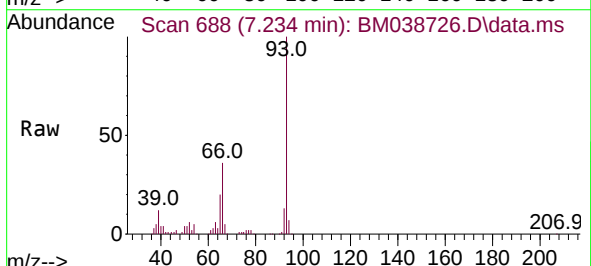
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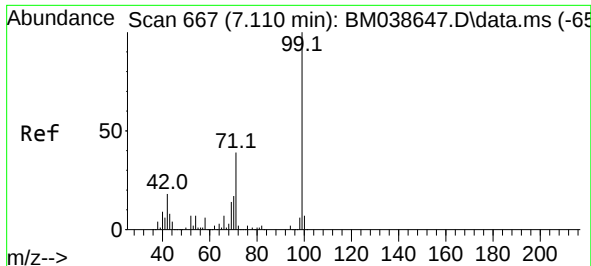
Reviewed By :Christian Giraldo 02/15/2023
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#6
Aniline
Concen: 37.336 ng
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

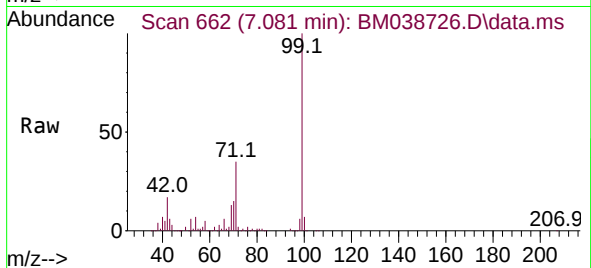
Tgt Ion: 93 Resp: 142566
Ion Ratio Lower Upper
93 100
66 35.7 29.8 44.8
65 19.9 16.9 25.3





#7
Phenol-d6
Concen: 152.621 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

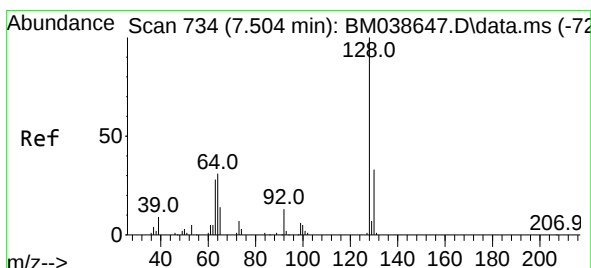
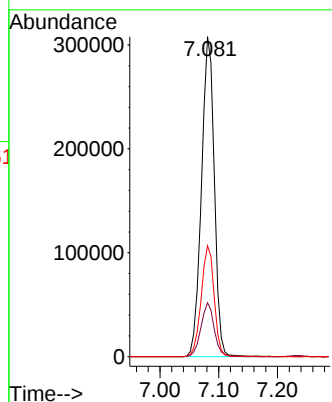
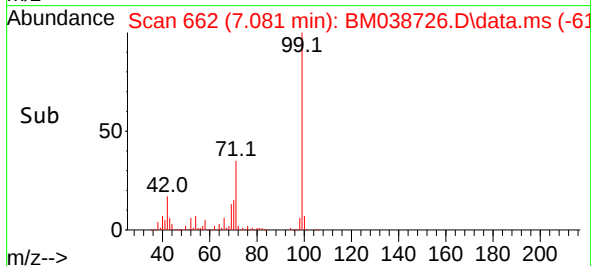
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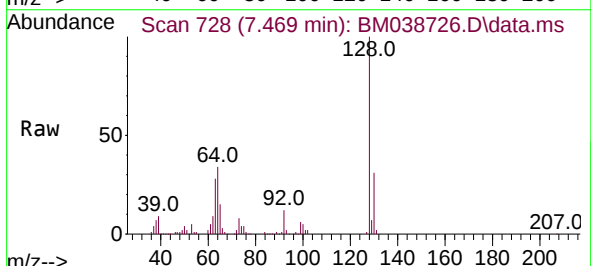
Tgt Ion: 99 Resp: 467188
Ion Ratio Lower Upper
99 100
42 16.8 14.6 22.0
71 34.6 31.0 46.4

Manual Integrations
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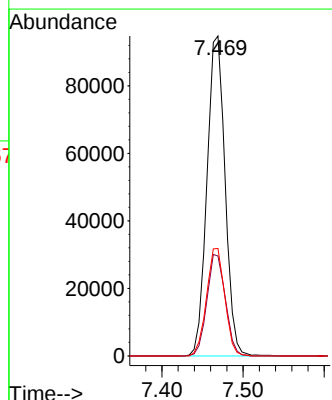
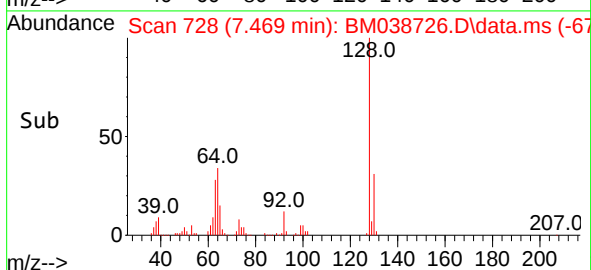
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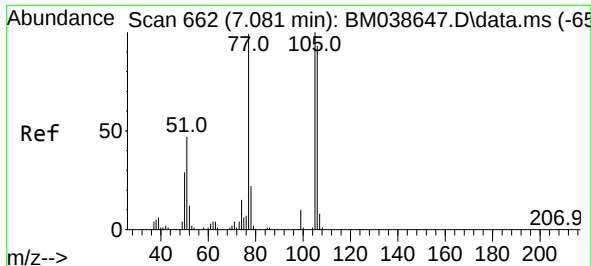


#8
2-Chlorophenol
Concen: 50.242 ng
RT: 7.469 min Scan# 728
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



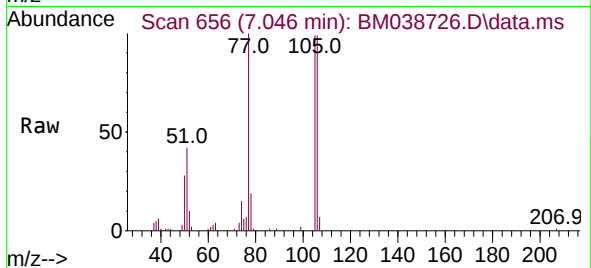
Tgt Ion:128 Resp: 147142
Ion Ratio Lower Upper
128 100
130 31.2 13.2 53.2
64 33.6 17.3 57.3





#9
Benzaldehyde
Concen: 24.295 ng m
RT: 7.046 min Scan# 661
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

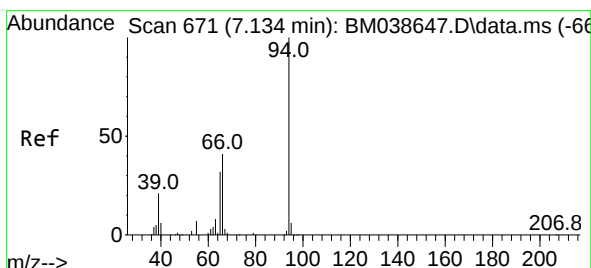
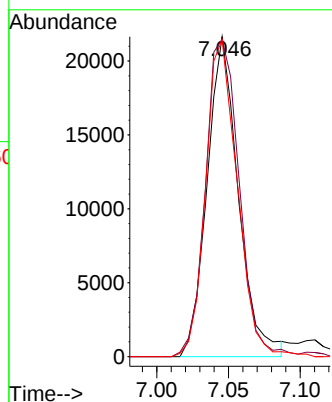
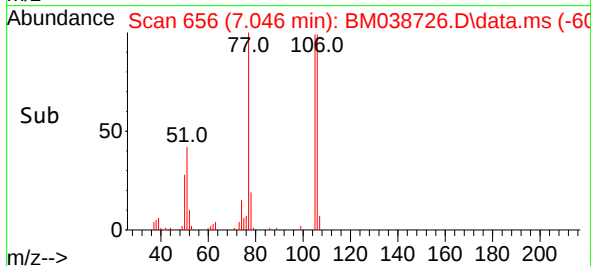
Instrument :
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Tgt Ion: 77 Resp: 32779
Ion Ratio Lower Upper
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105 99.2 80.8 120.8
106 99.1 73.8 113.8

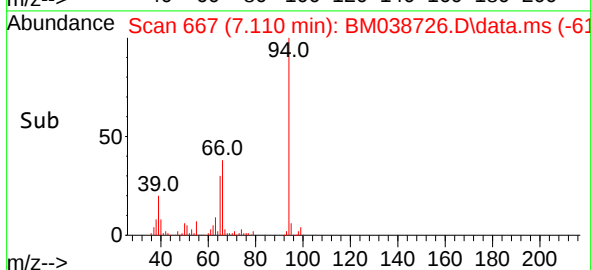
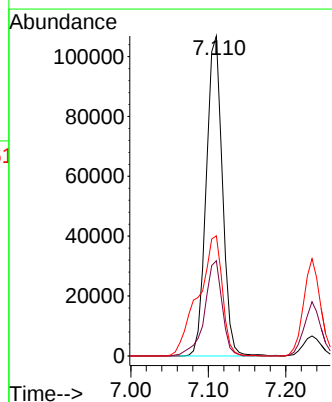
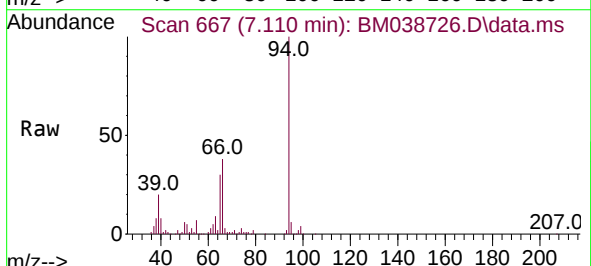
Manual Integrations
APPROVED

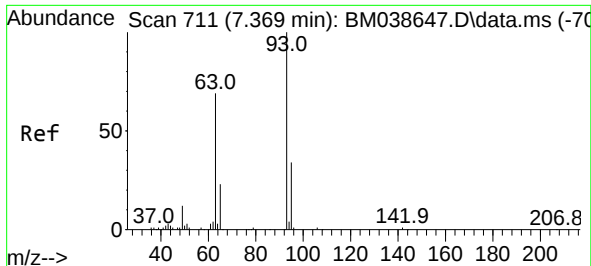
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#10
Phenol
Concen: 49.889 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion: 94 Resp: 154283
Ion Ratio Lower Upper
94 100
65 29.7 12.3 52.3
66 37.5 24.2 64.2





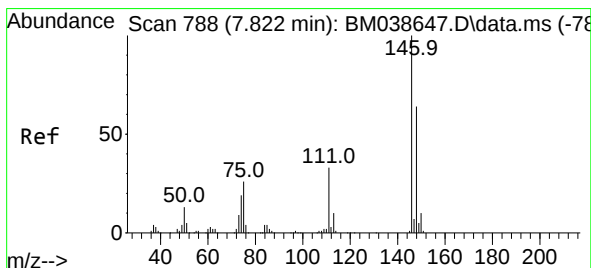
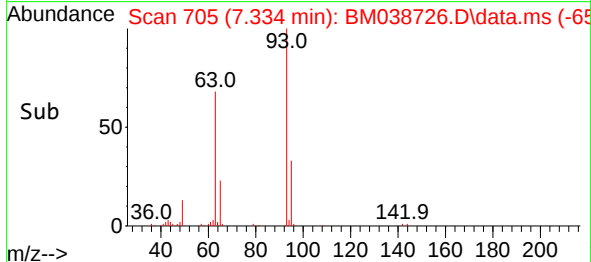
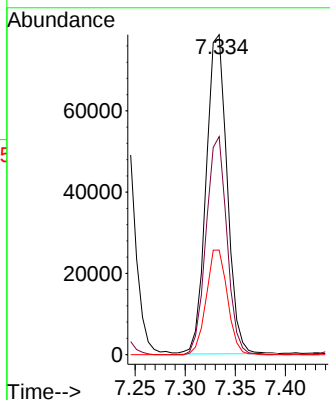
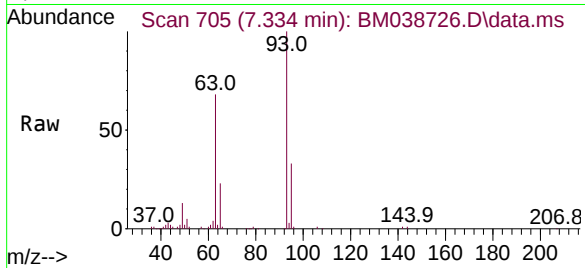
#11
bis(2-Chloroethyl)ether
Concen: 45.661 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion: 93 Resp: 114354
Ion Ratio Lower Upper
93 100
63 68.1 48.5 88.5
95 32.7 13.8 53.8

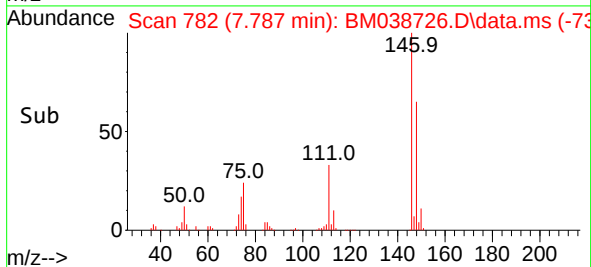
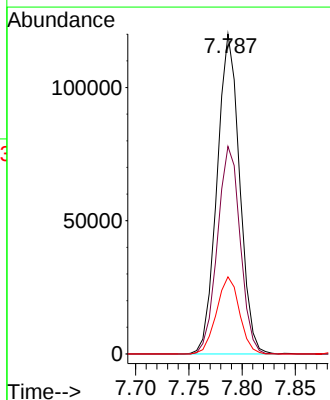
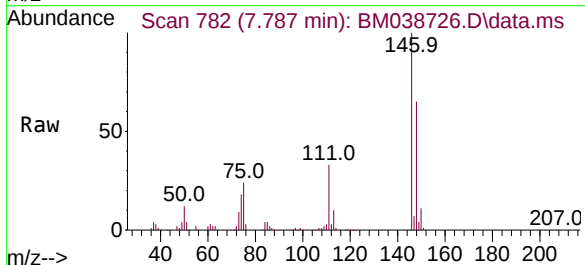
Manual Integrations
APPROVED

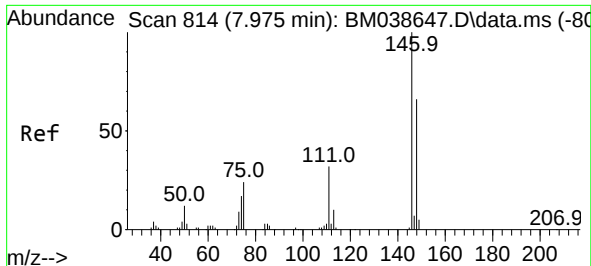
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#12
1,3-Dichlorobenzene
Concen: 47.325 ng
RT: 7.787 min Scan# 782
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:146 Resp: 177085
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
75 24.1 21.1 31.7





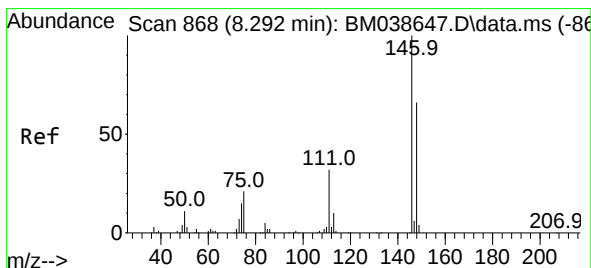
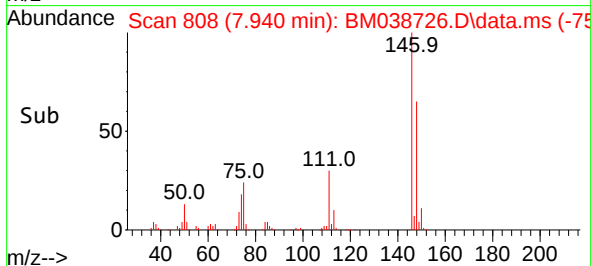
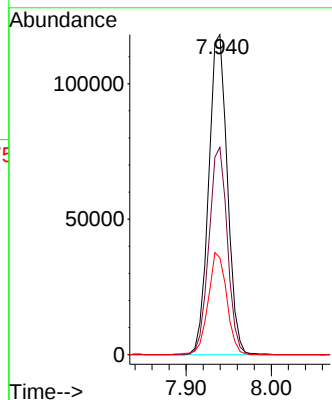
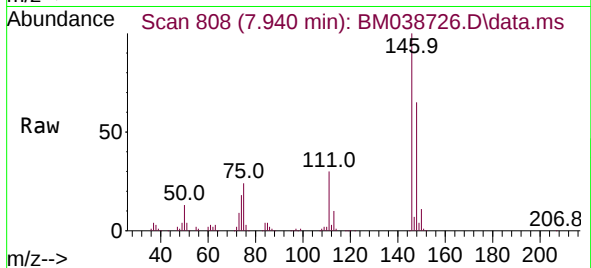
#13
1,4-Dichlorobenzene
Concen: 47.549 ng
RT: 7.940 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:146 Resp: 179563
Ion Ratio Lower Upper
146 100
148 64.8 53.1 79.7
111 30.3 25.9 38.9

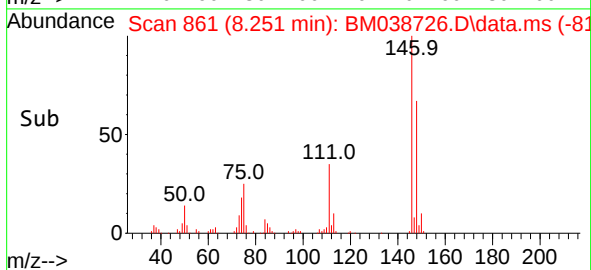
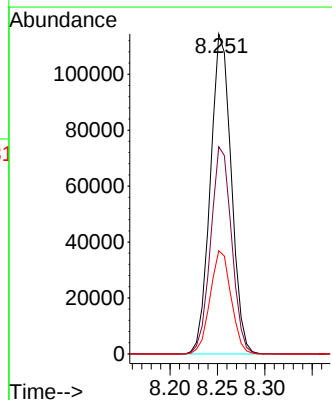
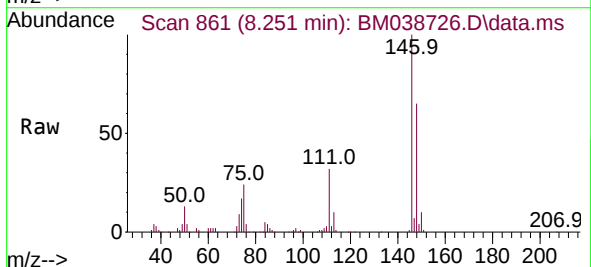
Manual Integrations
APPROVED

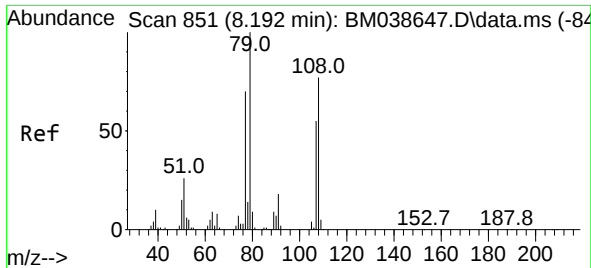
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#14
1,2-Dichlorobenzene
Concen: 48.618 ng
RT: 8.251 min Scan# 861
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:146 Resp: 175890
Ion Ratio Lower Upper
146 100
148 64.7 52.9 79.3
111 32.2 26.2 39.2





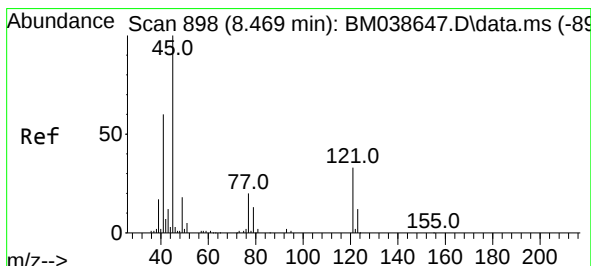
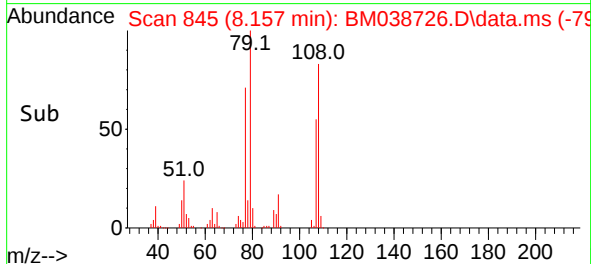
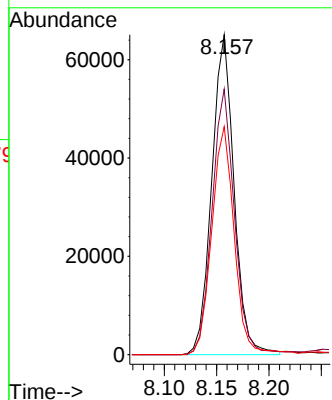
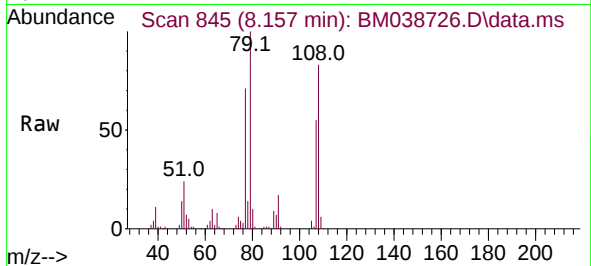
#15
Benzyl Alcohol
Concen: 42.951 ng m
RT: 8.157 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion: 79 Resp: 96772
Ion Ratio Lower Upper
79 100
108 83.0 61.9 92.9
77 71.2 55.8 83.8

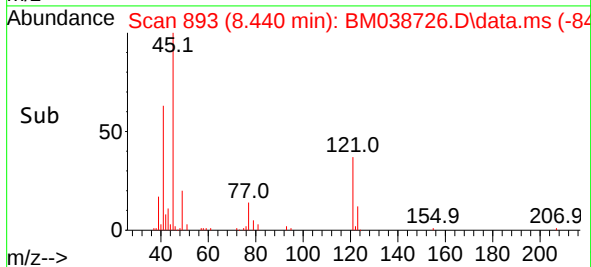
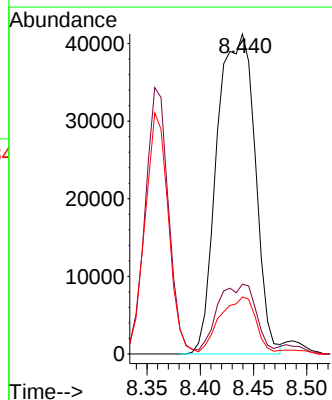
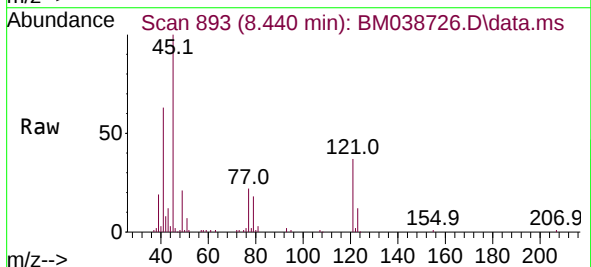
Manual Integrations
APPROVED

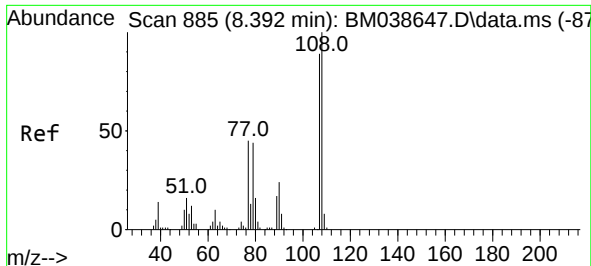
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.063 ng
RT: 8.440 min Scan# 893
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

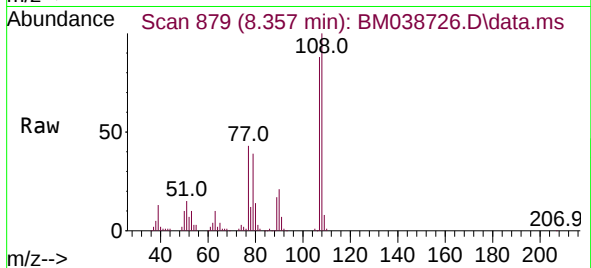
Tgt Ion: 45 Resp: 102155
Ion Ratio Lower Upper
45 100
77 21.8 1.1 41.1
79 17.8 0.0 34.6





#17
2-Methylphenol
Concen: 45.010 ng
RT: 8.357 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

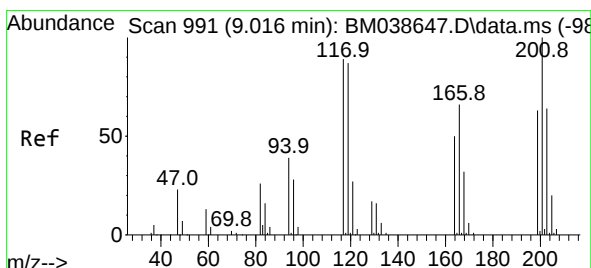
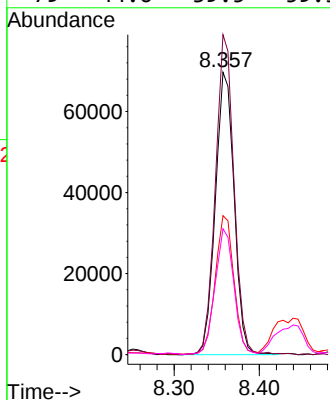
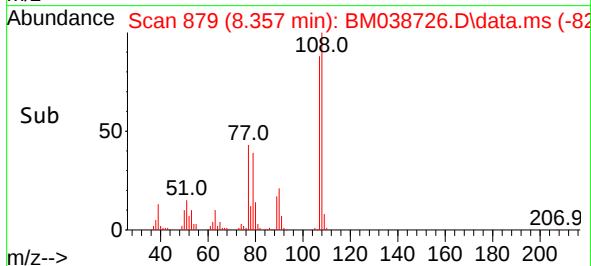
Instrument :
BNA_M
ClientSampleId :
PB150810BS



Tgt Ion:	107	Resp:	106766
Ion Ratio	Lower	Upper	
107	100		
108	113.4	89.6	134.4
77	49.3	40.7	61.1
79	44.6	39.5	59.3

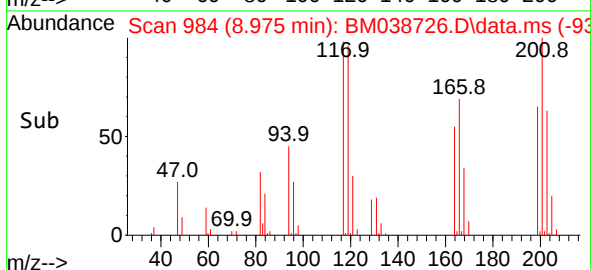
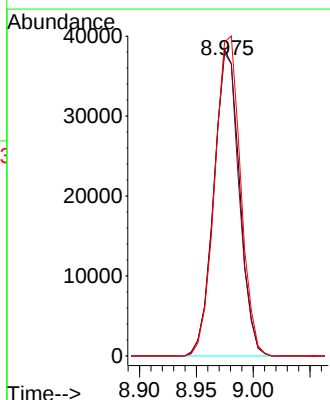
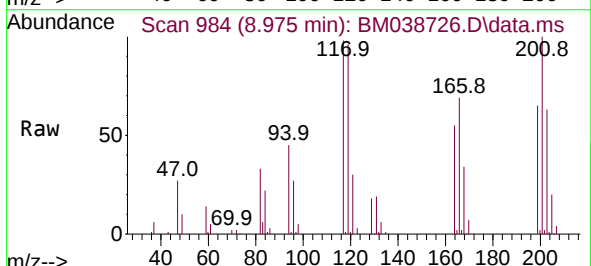
Manual Integrations
APPROVED

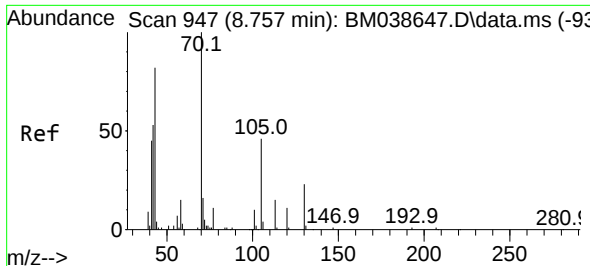
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#18
Hexachloroethane
Concen: 49.317 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

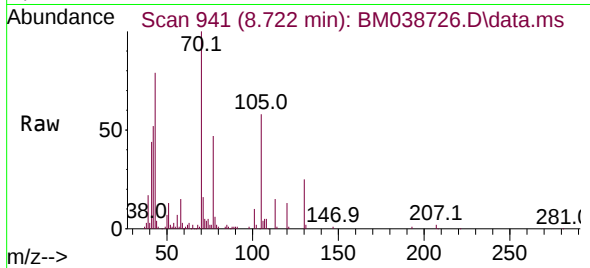
Tgt Ion:	117	Resp:	60146
Ion Ratio	Lower	Upper	
117	100		
119	98.9	78.6	117.8
201	104.5	90.2	135.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.115 ng
RT: 8.722 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

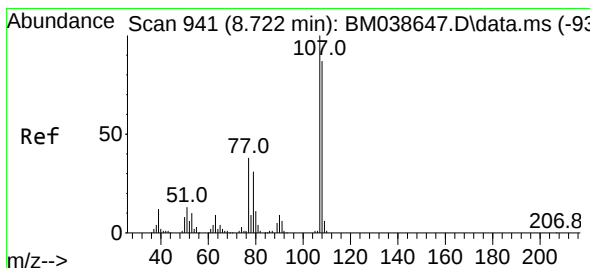
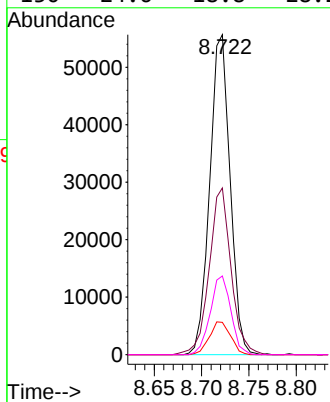
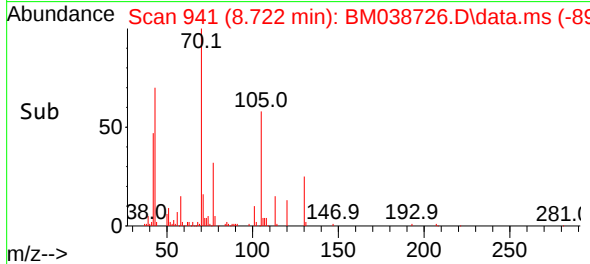
Instrument :
BNA_M
ClientSampleId :
PB150810BS



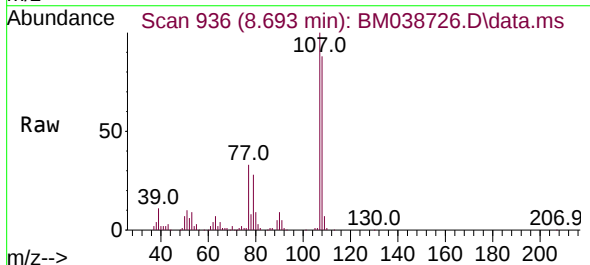
Tgt Ion: 70 Resp: 83243
Ion Ratio Lower Upper
70 100
42 52.1 43.4 65.2
101 10.1 8.2 12.2
130 24.6 18.8 28.2

Manual Integrations
APPROVED

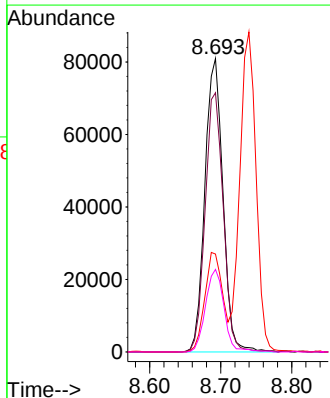
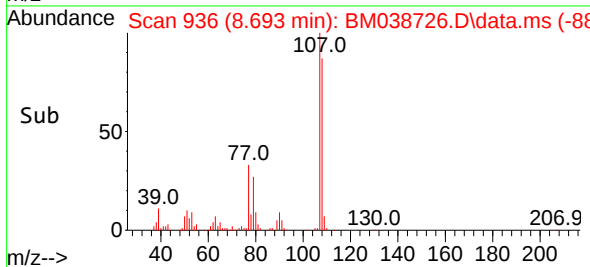
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

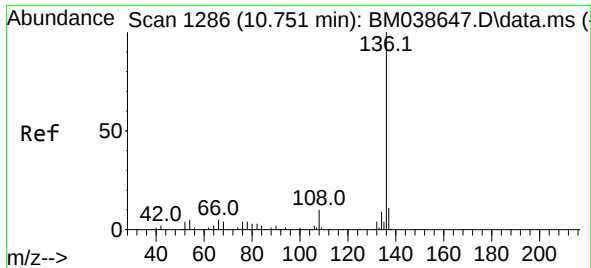


#20
3+4-Methylphenols
Concen: 45.089 ng
RT: 8.693 min Scan# 936
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



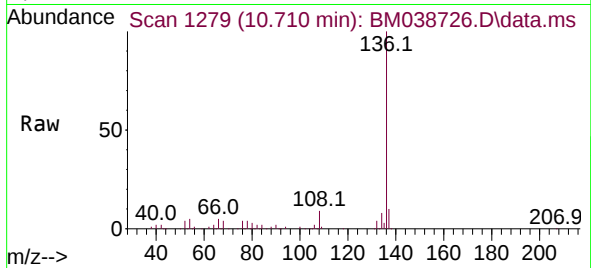
Tgt Ion:107 Resp: 142598
Ion Ratio Lower Upper
107 100
108 88.3 67.2 107.2
77 33.4 17.5 57.5
79 28.2 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

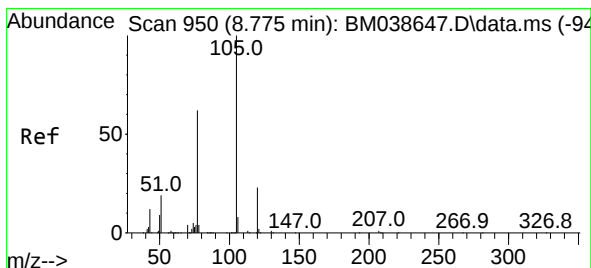
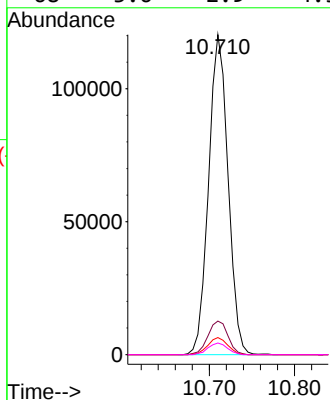
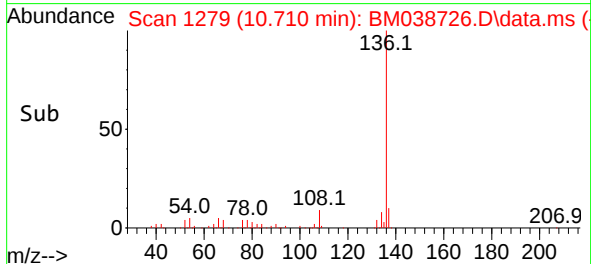
Instrument :
BNA_M
ClientSampleId :
PB150810BS



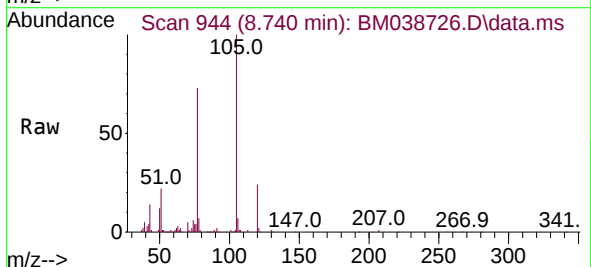
Tgt Ion:136 Resp: 190633
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.3 4.2 6.4
68 3.6 2.9 4.3

Manual Integrations
APPROVED

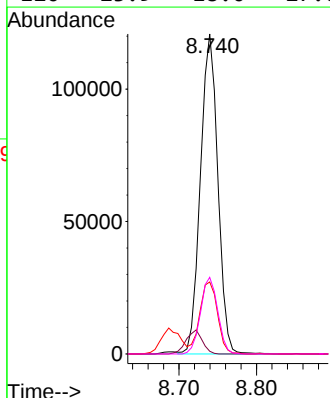
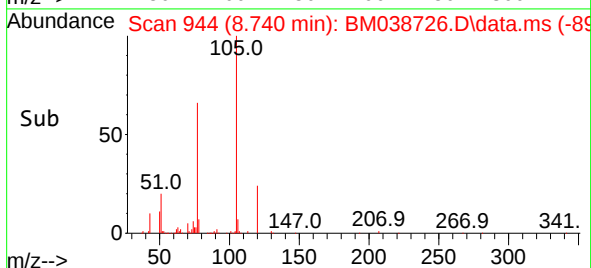
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

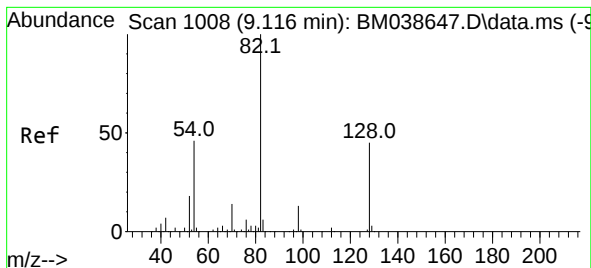


#22
Acetophenone
Concen: 41.393 ng
RT: 8.740 min Scan# 944
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



Tgt Ion:105 Resp: 188181
Ion Ratio Lower Upper
105 100
71 0.8 0.9 1.3#
51 22.5 19.3 28.9
120 23.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 83.480 ng

RT: 9.081 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

PB150810BS

Tgt Ion: 82 Resp: 280174

Ion Ratio Lower Upper

82 100

128 47.6 36.0 54.0

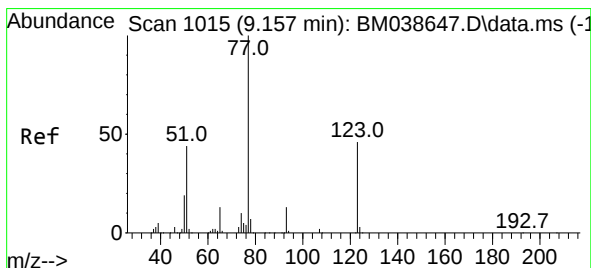
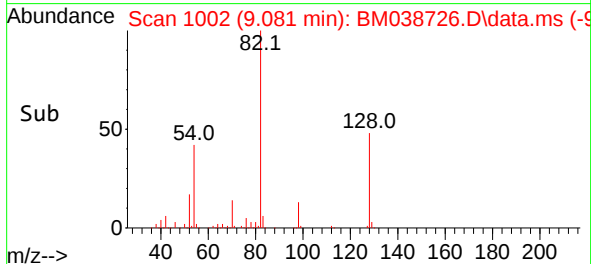
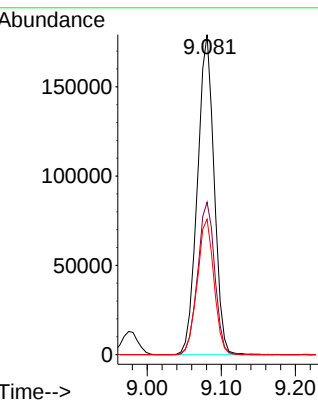
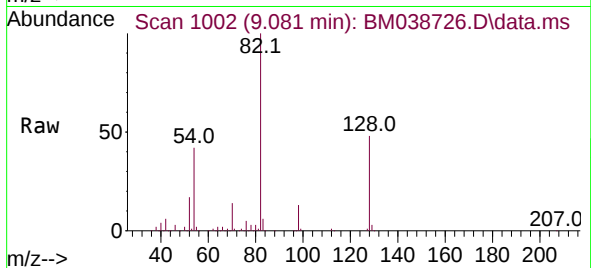
54 42.3 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/17/2023



#24

Nitrobenzene

Concen: 40.179 ng

RT: 9.122 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

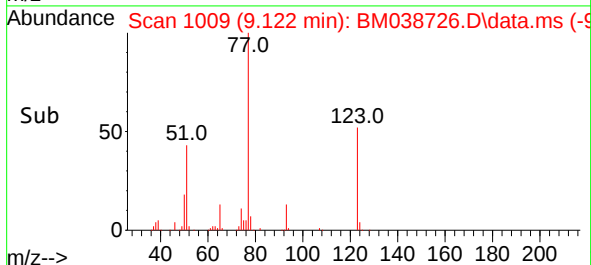
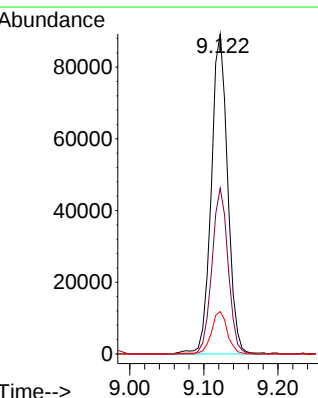
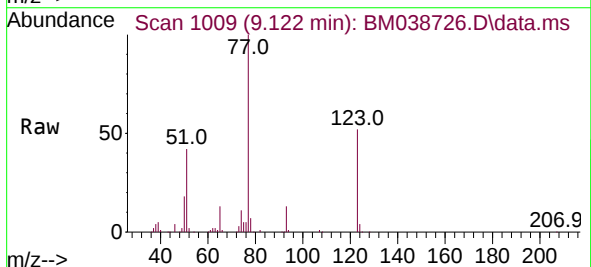
Tgt Ion: 77 Resp: 136869

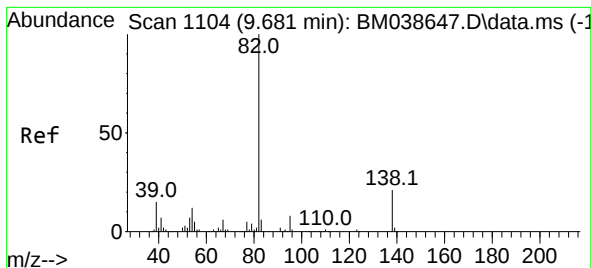
Ion Ratio Lower Upper

77 100

123 51.8 36.5 54.7

65 13.2 10.7 16.1





#25

Isophorone

Concen: 39.281 ng

RT: 9.645 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

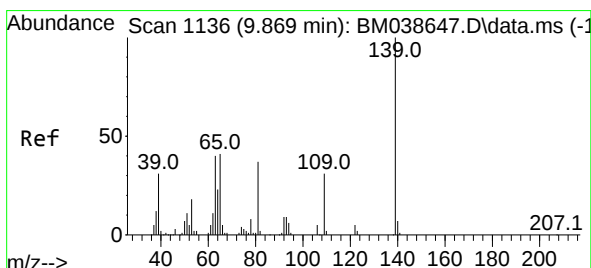
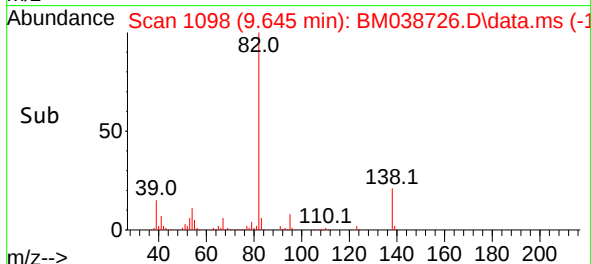
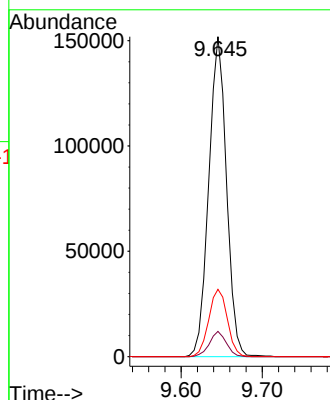
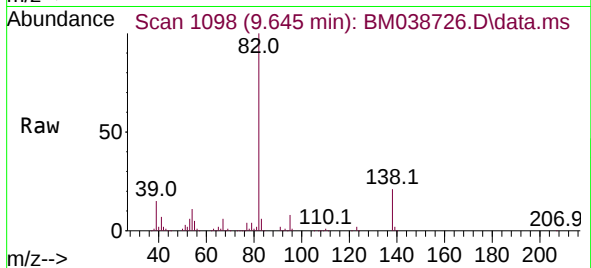
PB150810BS

Tgt Ion: 82 Resp: 230948
 Ion Ratio Lower Upper
 82 100
 95 7.9 6.4 9.6
 138 21.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/15/2023
 Supervised By :Jagrut Upadhyay 02/17/2023



#26

2-Nitrophenol

Concen: 44.728 ng

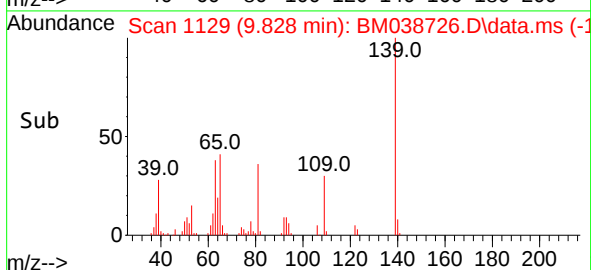
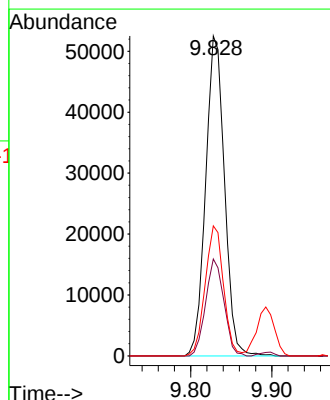
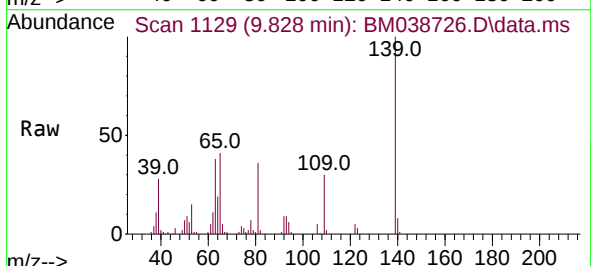
RT: 9.828 min Scan# 1129

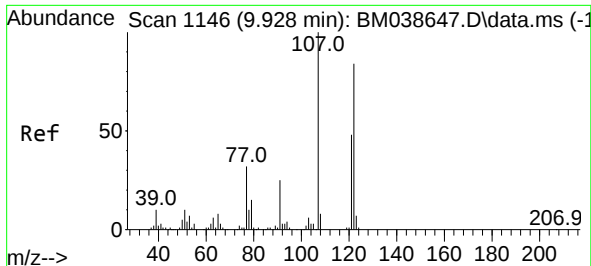
Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Tgt Ion:139 Resp: 84786
 Ion Ratio Lower Upper
 139 100
 109 30.3 24.5 36.7
 65 40.6 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 44.207 ng

RT: 9.892 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BM038726.D

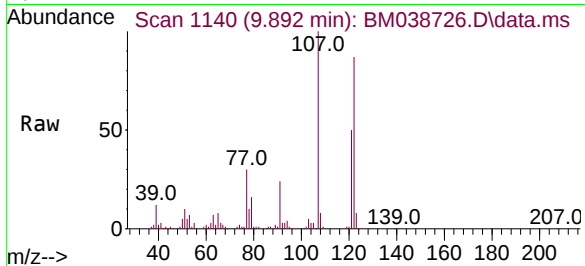
Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

PB150810BS



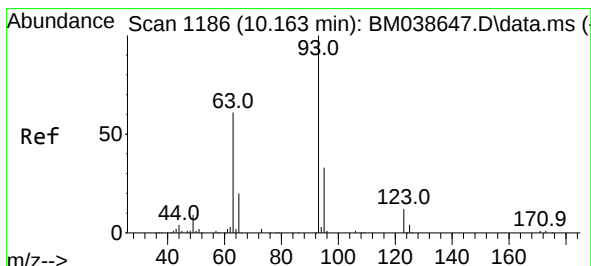
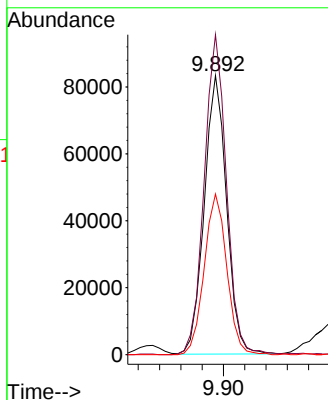
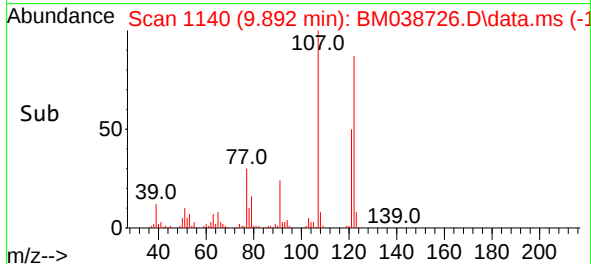
Tgt Ion:	122	Resp:	120903
Ion Ratio	100	Lower	Upper
122	100		
107	114.7	94.9	142.3
121	57.5	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.997 ng

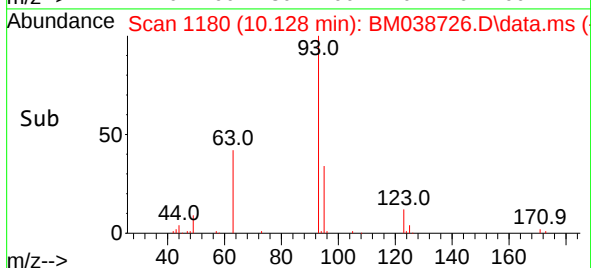
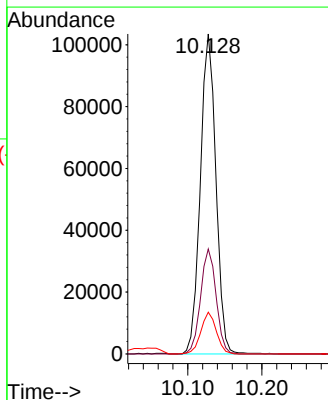
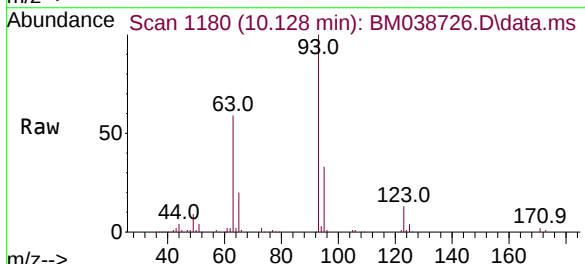
RT: 10.128 min Scan# 1180

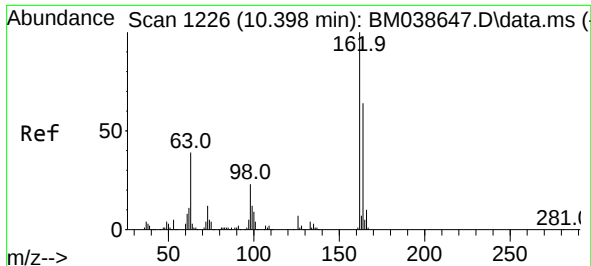
Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Tgt Ion:	93	Resp:	150898
Ion Ratio	100	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	13.0	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 41.500 ng

RT: 10.363 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BM038726.D

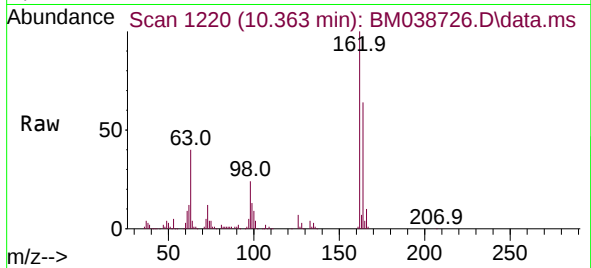
Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

PB150810BS



Tgt Ion:162 Resp: 161250

Ion Ratio Lower Upper

162 100

164 64.1 44.3 84.3

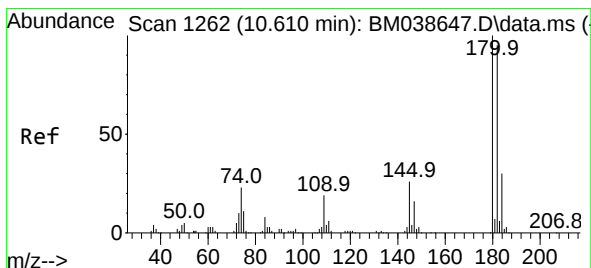
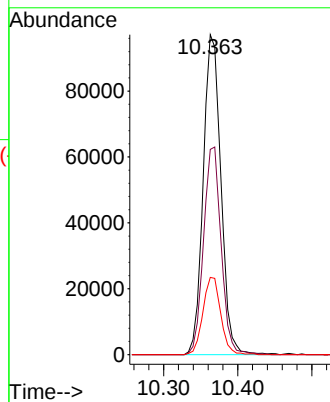
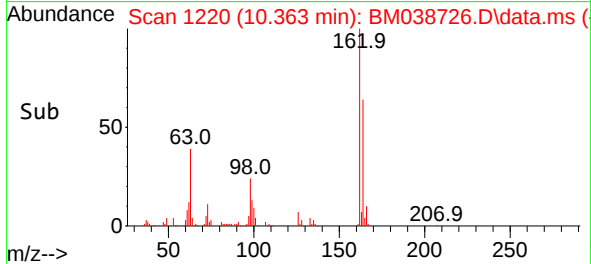
98 24.1 3.1 43.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.147 ng

RT: 10.575 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

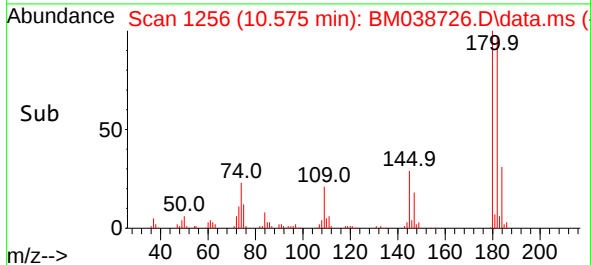
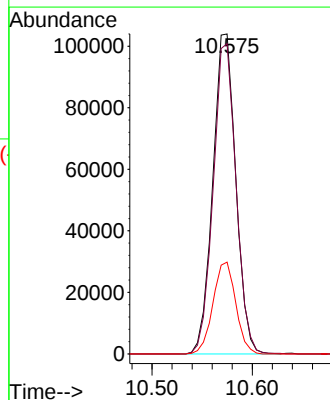
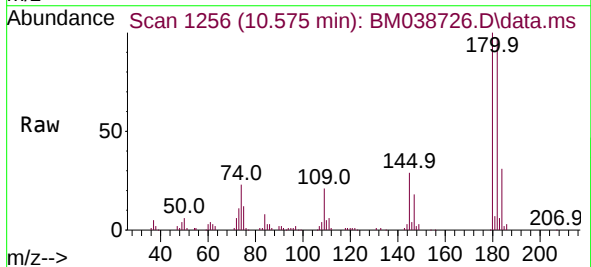
Tgt Ion:180 Resp: 165936

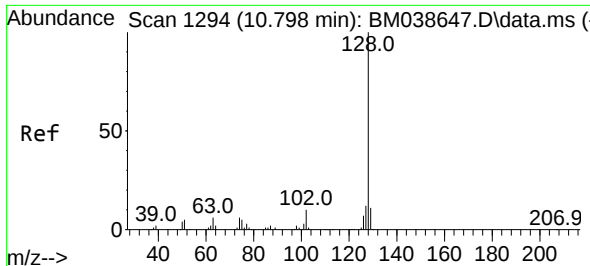
Ion Ratio Lower Upper

180 100

182 96.9 76.2 114.2

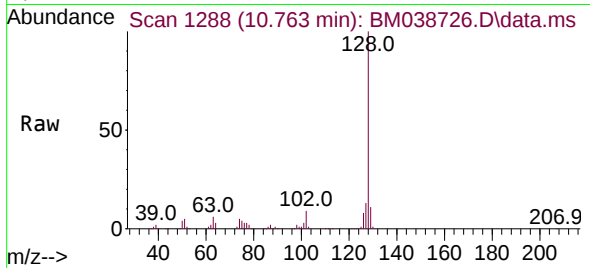
145 28.7 20.8 31.2





#31
Naphthalene
Concen: 43.984 ng
RT: 10.763 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

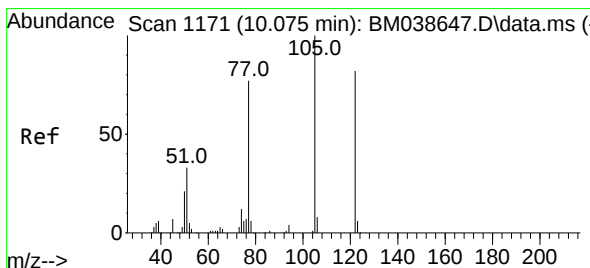
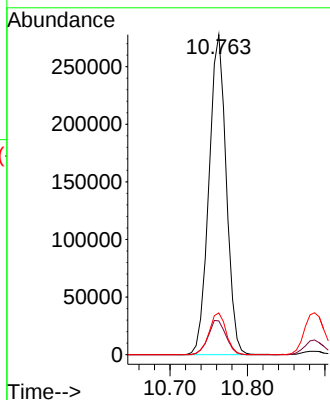
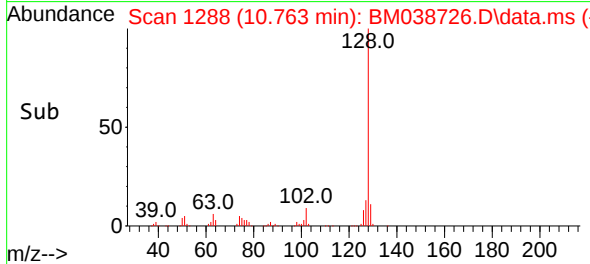
Instrument :
BNA_M
ClientSampleId :
PB150810BS



Tgt Ion:128 Resp: 43027
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 13.0 9.9 14.9

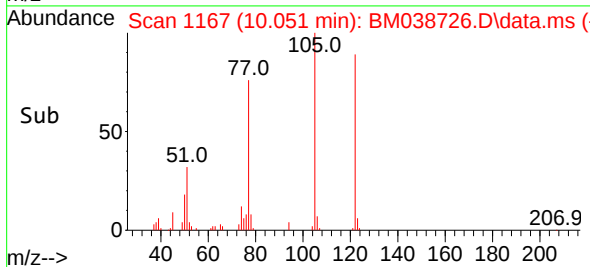
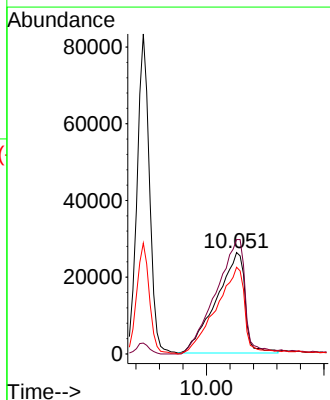
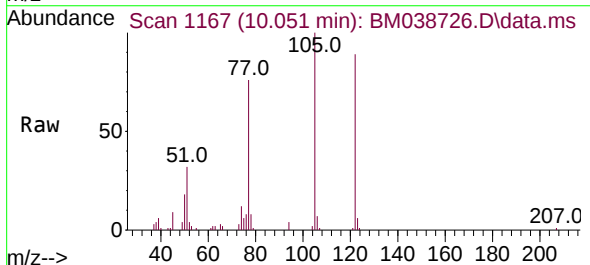
Manual Integrations
APPROVED

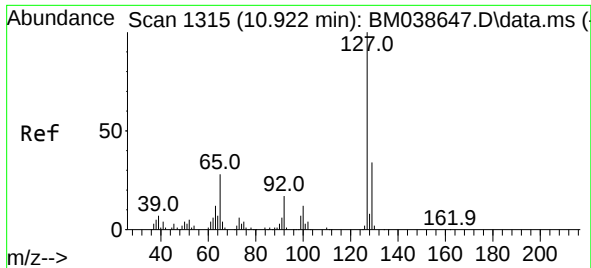
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#32
Benzoic acid
Concen: 40.378 ng
RT: 10.051 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:122 Resp: 89393
Ion Ratio Lower Upper
122 100
105 112.8 99.2 139.2
77 85.5 72.3 112.3





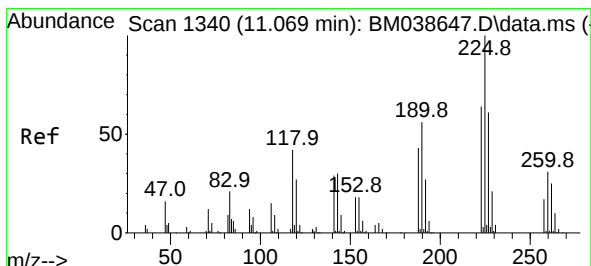
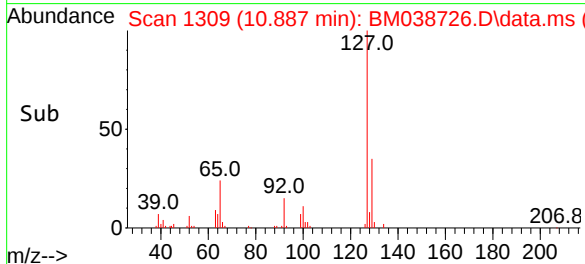
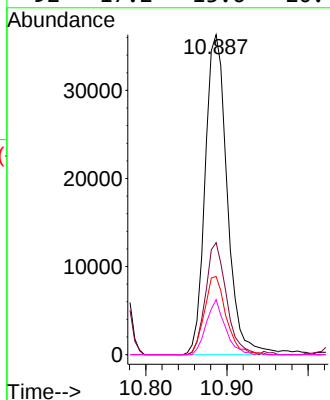
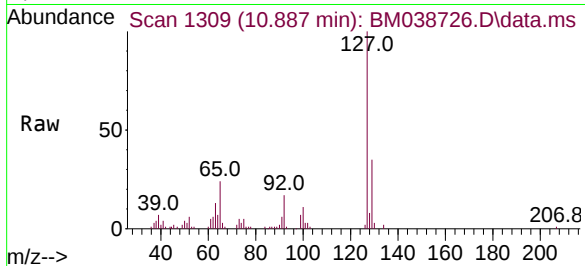
#33
4-Chloroaniline
Concen: 15.996 ng
RT: 10.887 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:	127	Resp:	68579
Ion Ratio	Lower	Upper	
127	100		
129	35.0	27.1	40.7
65	24.4	22.2	33.4
92	17.2	13.6	20.4

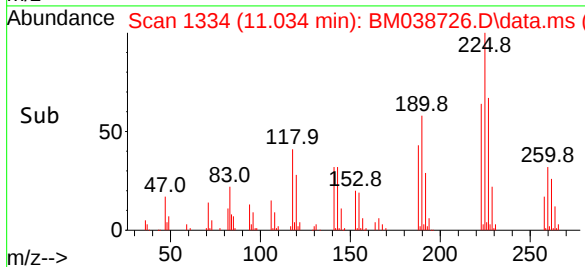
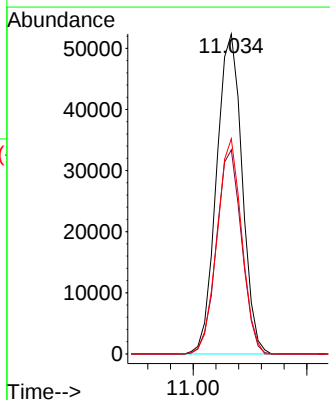
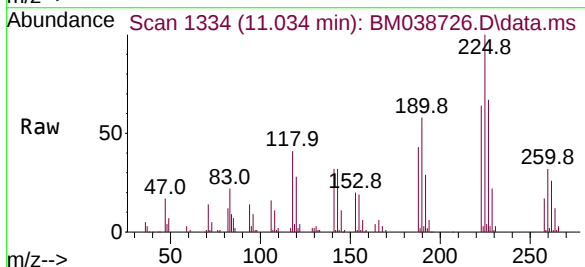
Manual Integrations
APPROVED

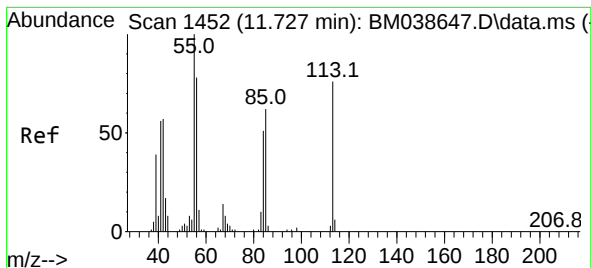
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#34
Hexachlorobutadiene
Concen: 39.593 ng
RT: 11.034 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

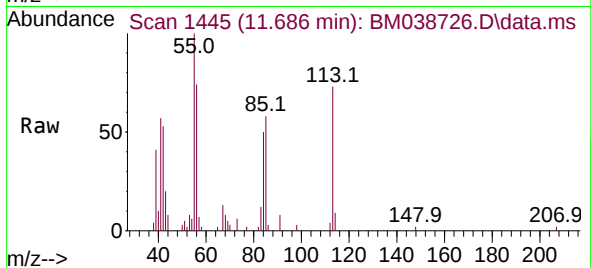
Tgt Ion:	225	Resp:	81977
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.0	76.4
227	69.8	49.2	73.8





#35
Caprolactam
Concen: 37.477 ng m
RT: 11.686 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

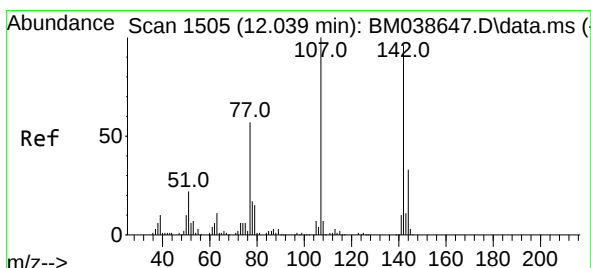
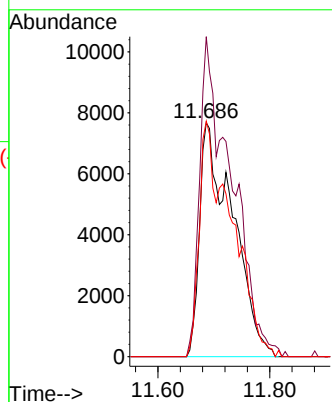
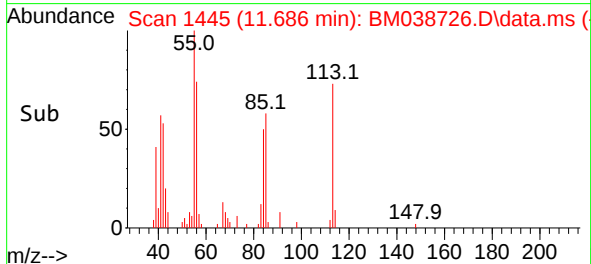
Instrument :
BNA_M
ClientSampleId :
PB150810BS



Tgt Ion:113 Resp: 3136
Ion Ratio Lower Upper
113 100
55 136.8 111.2 151.2
56 100.6 82.0 122.0

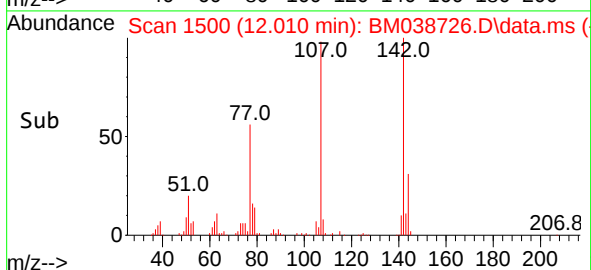
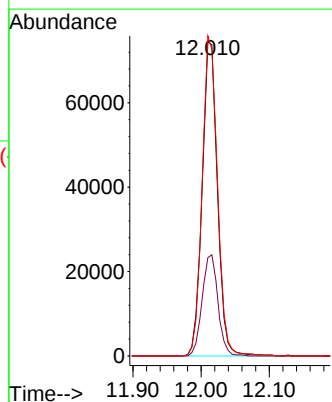
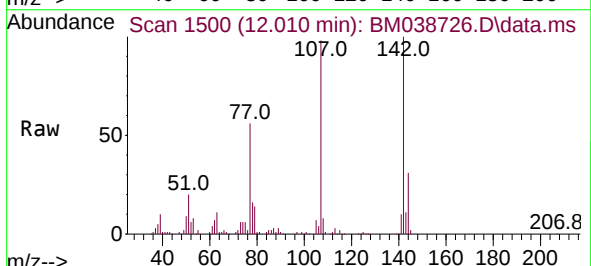
Manual Integrations
APPROVED

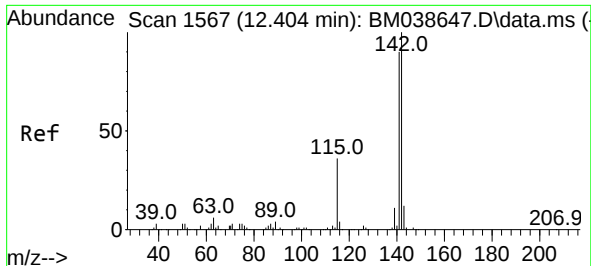
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#36
4-Chloro-3-methylphenol
Concen: 40.405 ng
RT: 12.010 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:107 Resp: 116088
Ion Ratio Lower Upper
107 100
144 31.3 26.5 39.7
142 101.9 77.0 115.6





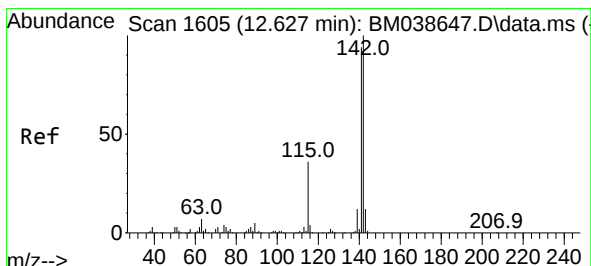
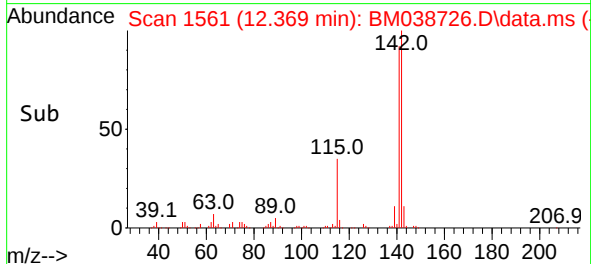
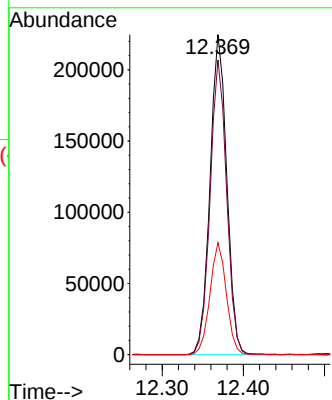
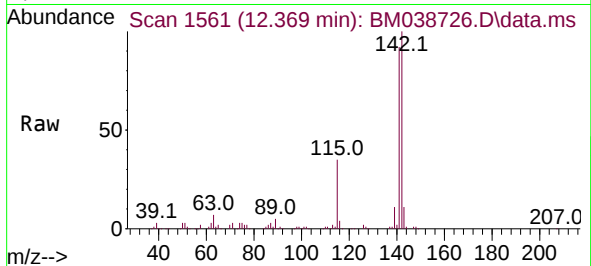
#37
2-Methylnaphthalene
Concen: 40.825 ng
RT: 12.369 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:142 Resp: 322736
Ion Ratio Lower Upper
142 100
141 92.1 71.8 107.8
115 35.0 28.7 43.1

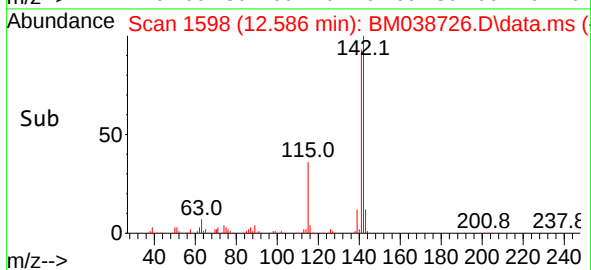
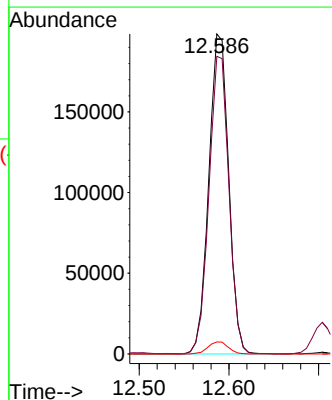
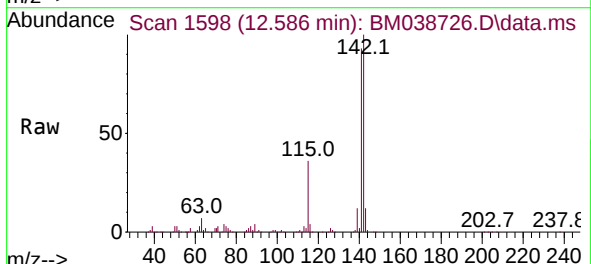
Manual Integrations
APPROVED

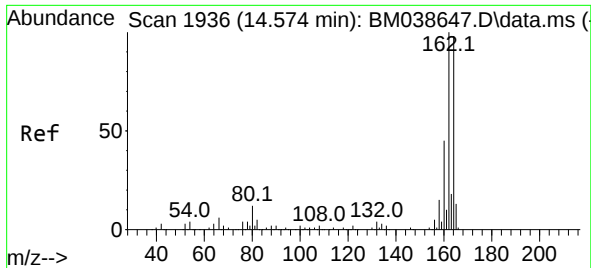
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#38
1-Methylnaphthalene
Concen: 40.879 ng
RT: 12.586 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

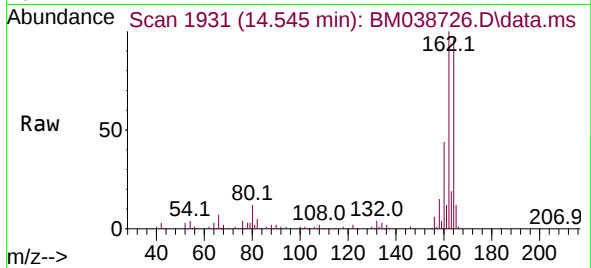
Tgt Ion:142 Resp: 304509
Ion Ratio Lower Upper
142 100
141 93.0 75.5 113.3
116 3.7 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

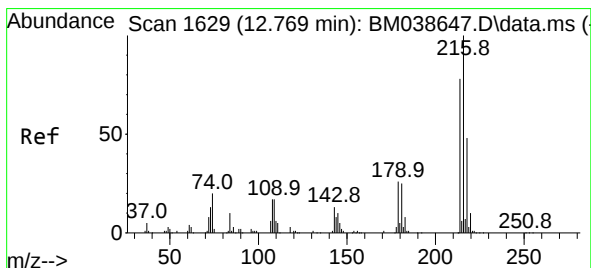
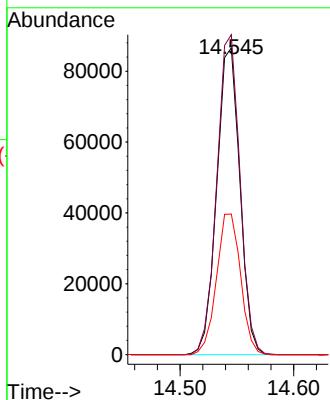
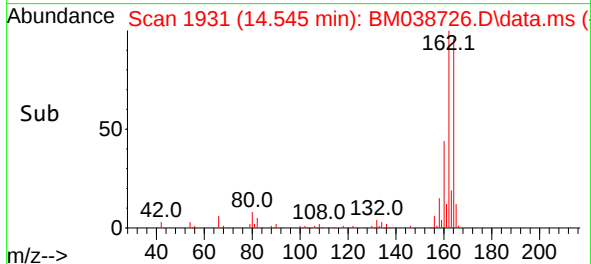
Instrument :
BNA_M
ClientSampleId :
PB150810BS



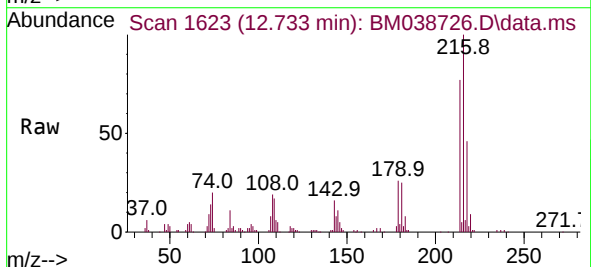
Tgt Ion:164 Resp: 122204
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 45.8 36.5 54.7

Manual Integrations
APPROVED

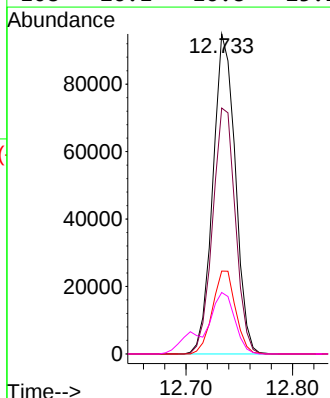
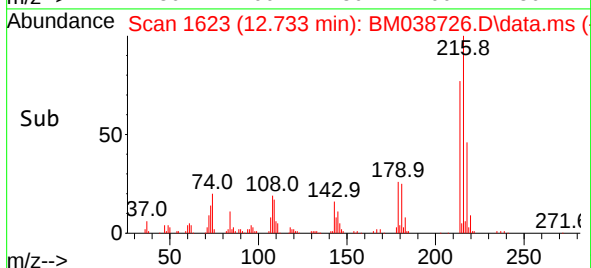
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

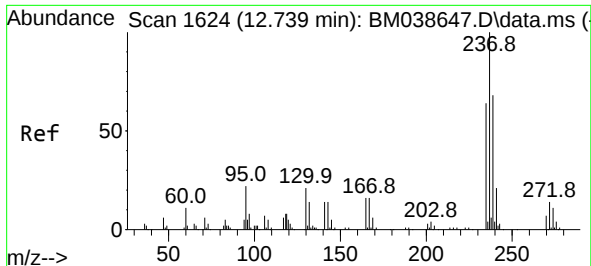


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.596 ng
RT: 12.733 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



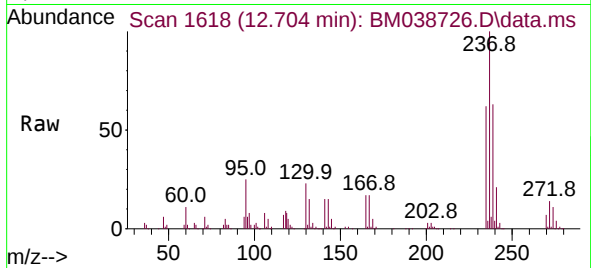
Tgt Ion:216 Resp: 138653
Ion Ratio Lower Upper
216 100
214 78.0 63.4 95.0
179 26.6 21.0 31.4
108 26.1 16.8 25.2#





#41
Hexachlorocyclopentadiene
Concen: 92.328 ng
RT: 12.704 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

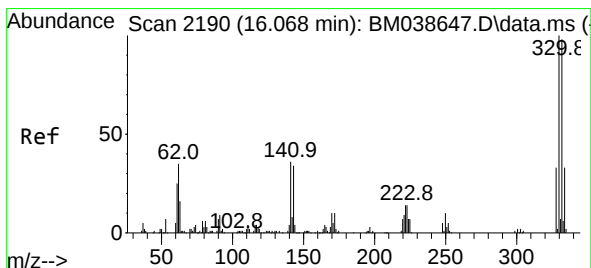
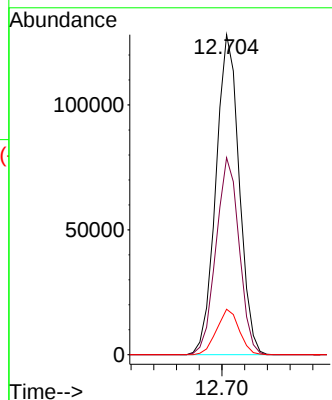
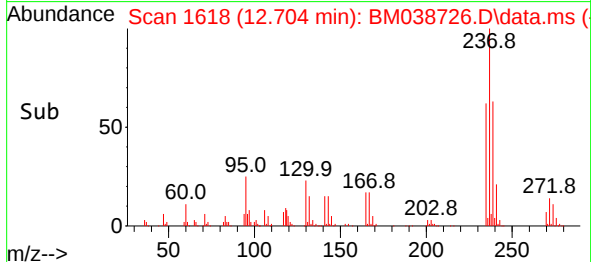
Instrument :
BNA_M
ClientSampleId :
PB150810BS



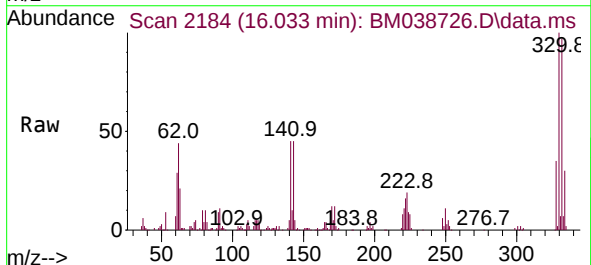
Tgt Ion:237 Resp: 182214
Ion Ratio Lower Upper
237 100
235 61.5 43.8 83.8
272 14.2 0.0 33.8

Manual Integrations
APPROVED

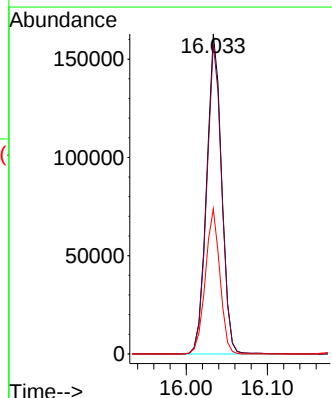
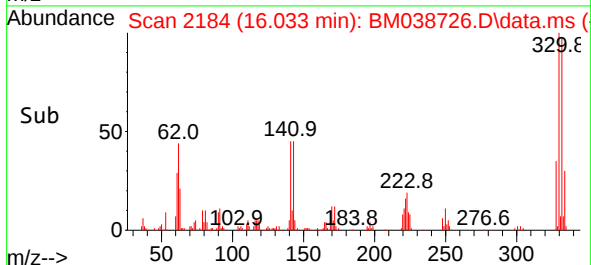
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

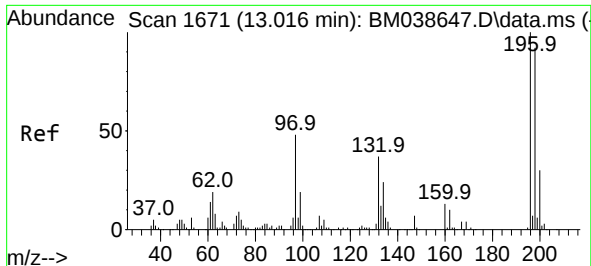


#42
2,4,6-Tribromophenol
Concen: 125.945 ng
RT: 16.033 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



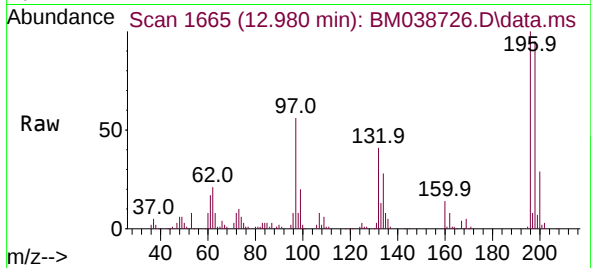
Tgt Ion:330 Resp: 209198
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 43.7 31.0 46.6





#43
2,4,6-Trichlorophenol
Concen: 42.933 ng
RT: 12.980 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

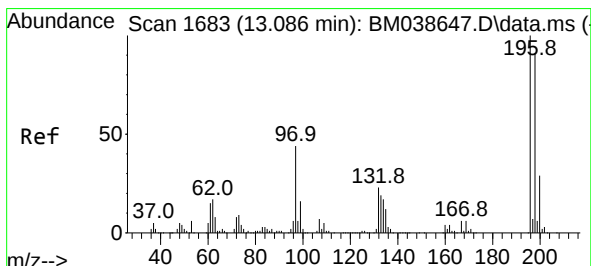
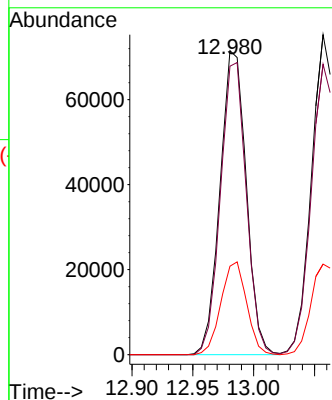
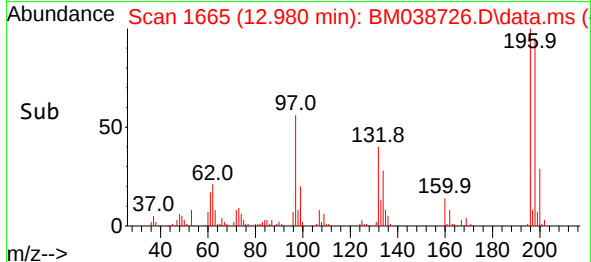
Instrument :
BNA_M
ClientSampleId :
PB150810BS



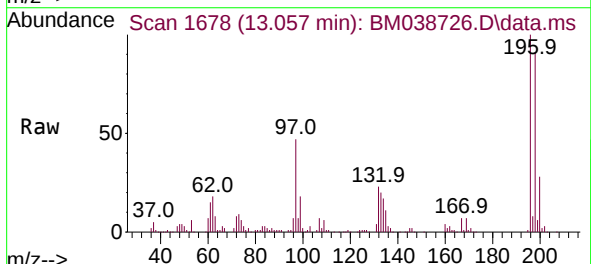
Tgt Ion:196 Resp: 107272
Ion Ratio Lower Upper
196 100
198 94.9 73.7 110.5
200 29.1 24.3 36.5

Manual Integrations
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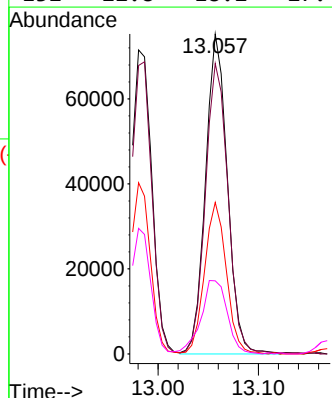
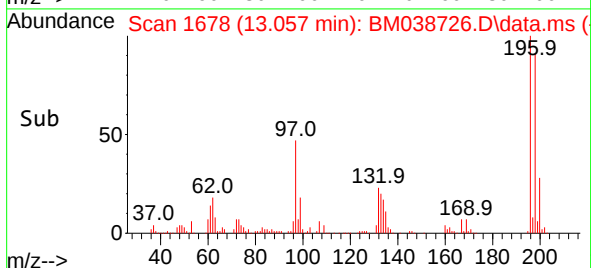
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

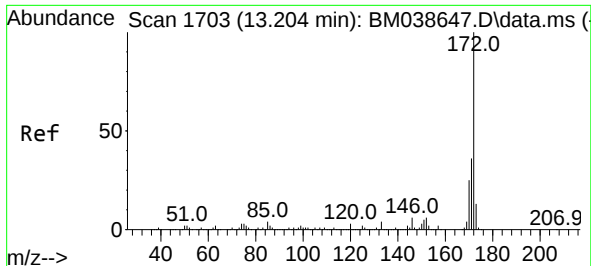


#44
2,4,5-Trichlorophenol
Concen: 38.794 ng
RT: 13.057 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



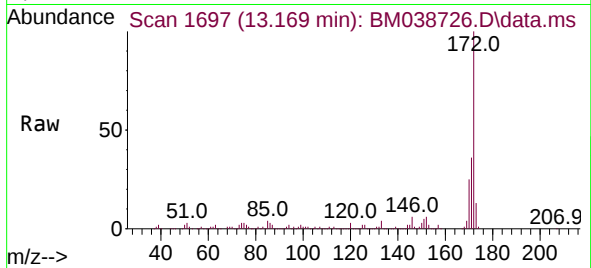
Tgt Ion:196 Resp: 114063
Ion Ratio Lower Upper
196 100
198 90.7 73.1 109.7
97 47.3 35.5 53.3
132 22.8 18.2 27.4





#45
2-Fluorobiphenyl
Concen: 87.514 ng
RT: 13.169 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

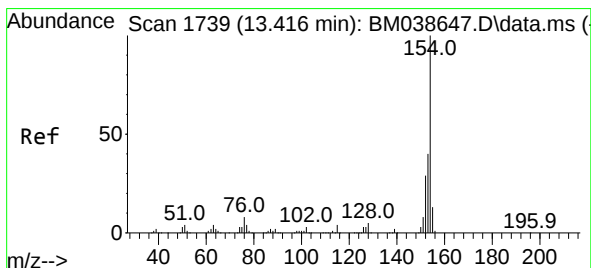
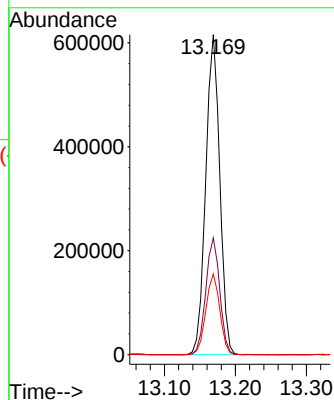
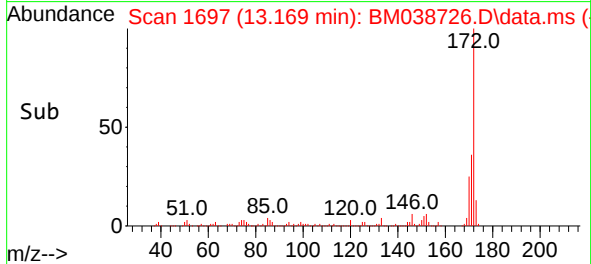
Instrument :
BNA_M
ClientSampleId :
PB150810BS



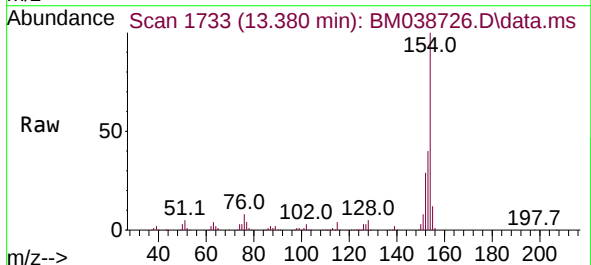
Tgt Ion:172 Resp: 840043
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 25.2 20.0 30.0

Manual Integrations
APPROVED

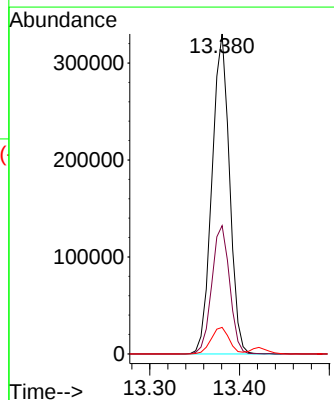
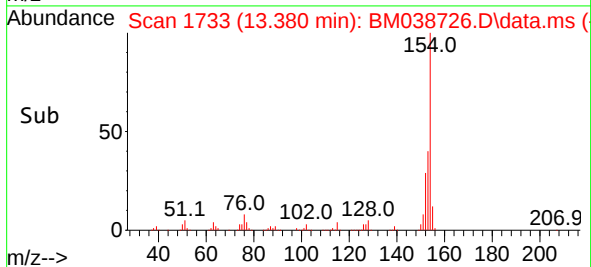
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

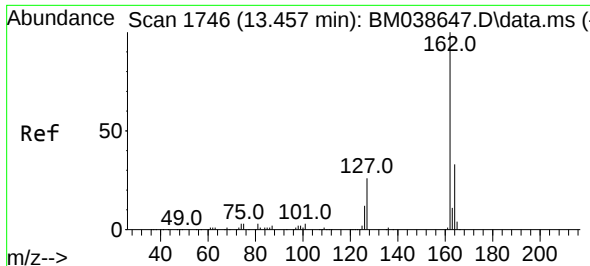


#46
1,1'-Biphenyl
Concen: 46.201 ng
RT: 13.380 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



Tgt Ion:154 Resp: 447239
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 8.3 0.0 27.9





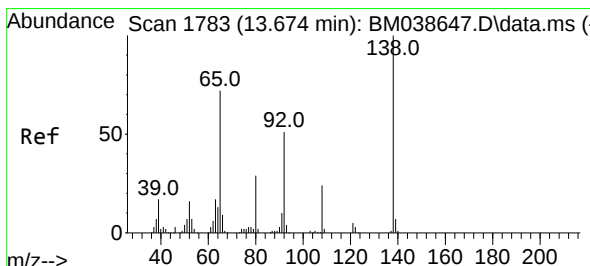
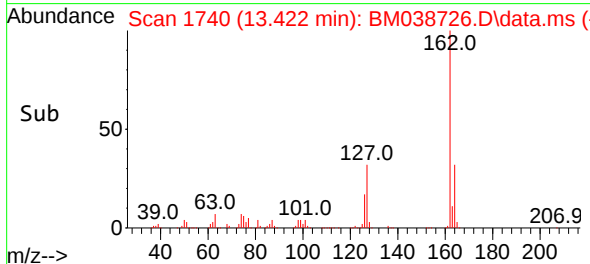
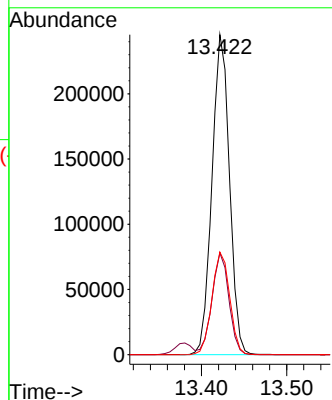
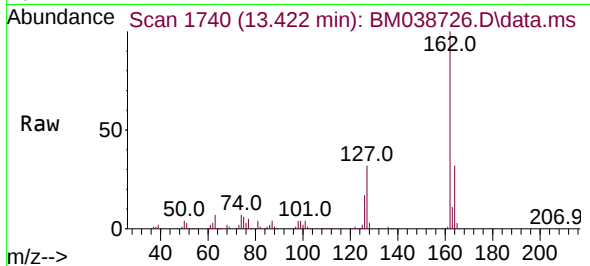
#47
2-Chloronaphthalene
Concen: 45.967 ng
RT: 13.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:162 Resp: 35014
Ion Ratio Lower Upper
162 100
127 31.8 23.6 35.4
164 32.0 26.7 40.1

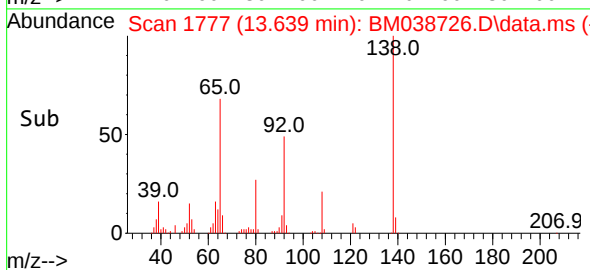
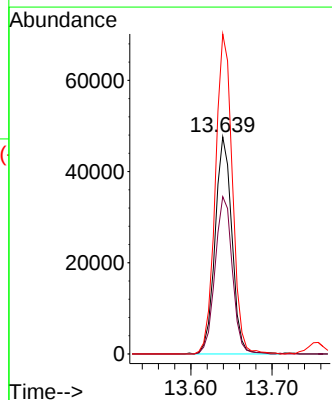
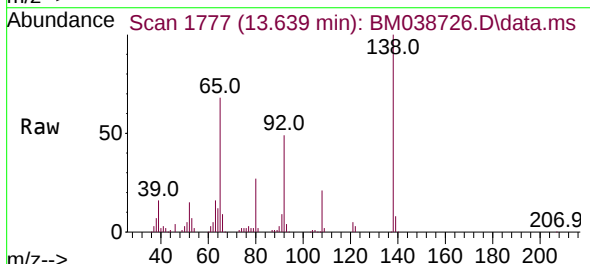
Manual Integrations
APPROVED

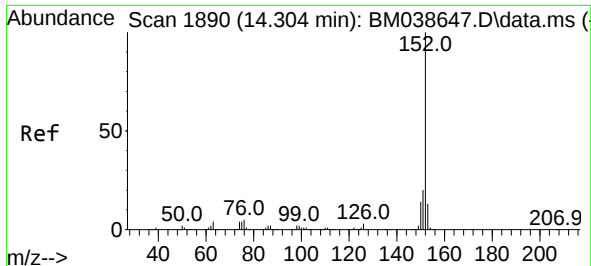
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#48
2-Nitroaniline
Concen: 40.065 ng
RT: 13.639 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

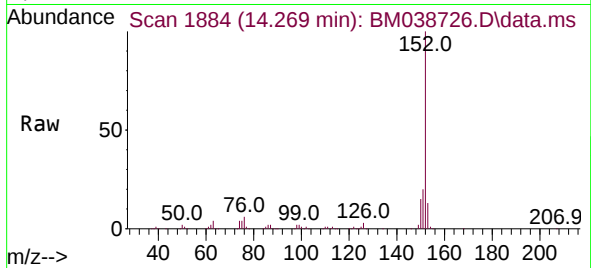
Tgt Ion: 65 Resp: 68230
Ion Ratio Lower Upper
65 100
92 72.4 55.9 83.9
138 147.4 110.6 166.0





#49
Acenaphthylene
Concen: 44.899 ng
RT: 14.269 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

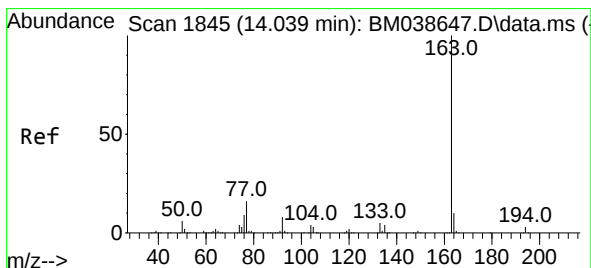
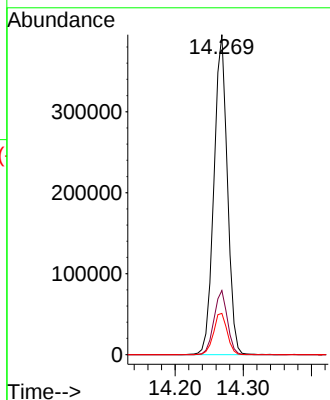
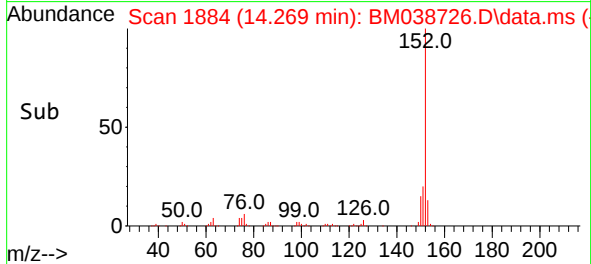
Instrument :
BNA_M
ClientSampleId :
PB150810BS



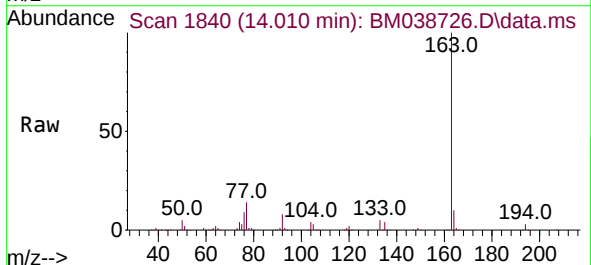
Tgt Ion:152 Resp: 538690
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.9 10.0 15.0

Manual Integrations
APPROVED

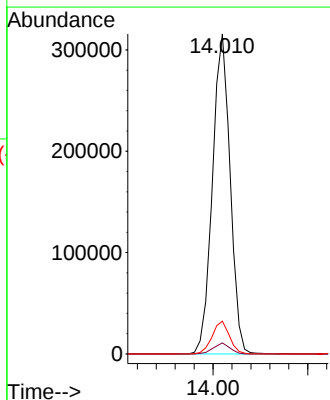
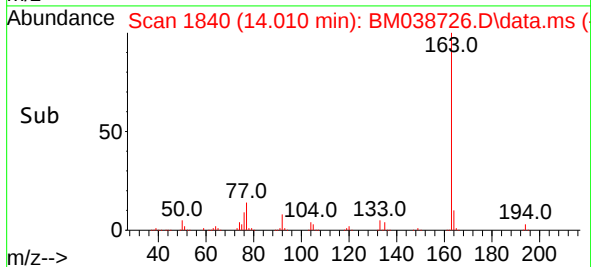
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

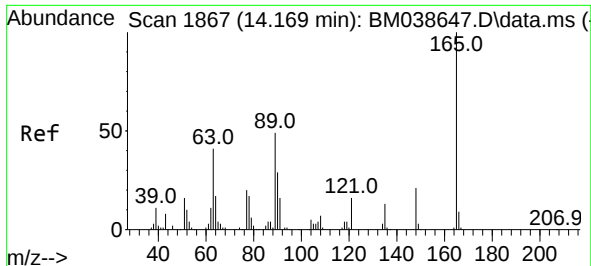


#50
Dimethylphthalate
Concen: 41.057 ng
RT: 14.010 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



Tgt Ion:163 Resp: 409439
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.2 12.4





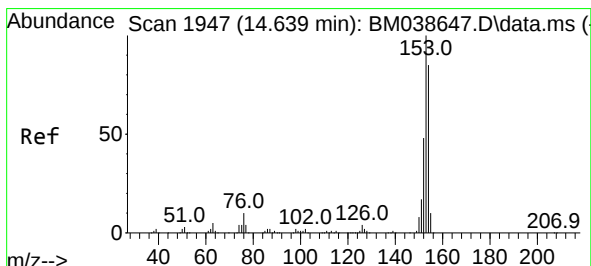
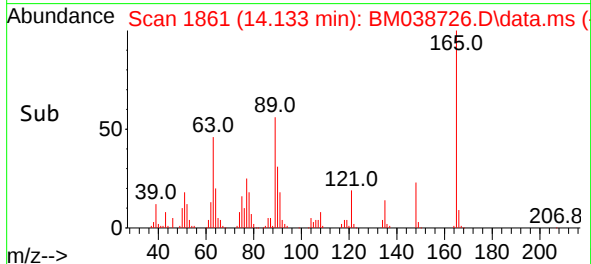
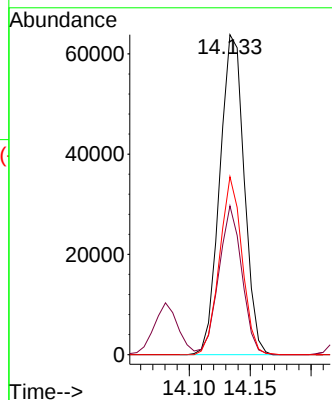
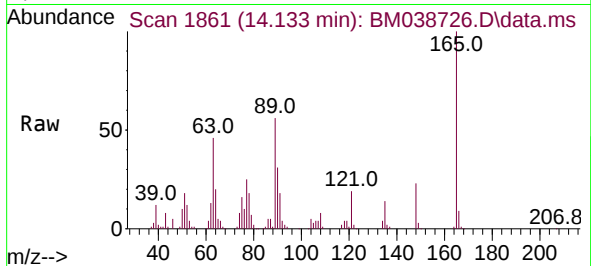
#51
2,6-Dinitrotoluene
Concen: 43.936 ng
RT: 14.133 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:165 Resp: 89054
Ion Ratio Lower Upper
165 100
63 46.5 35.8 53.8
89 55.6 39.3 58.9

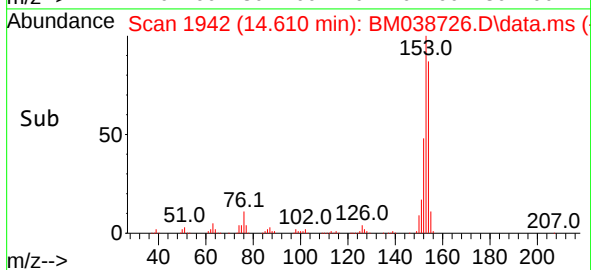
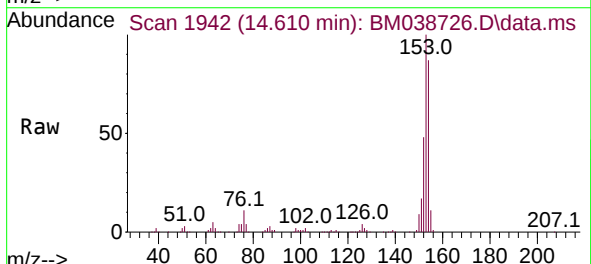
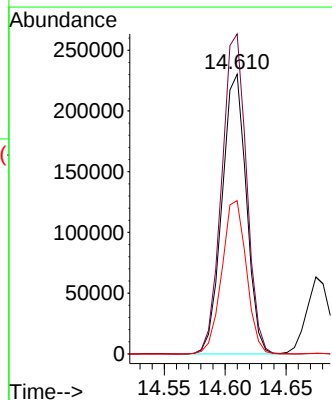
Manual Integrations
APPROVED

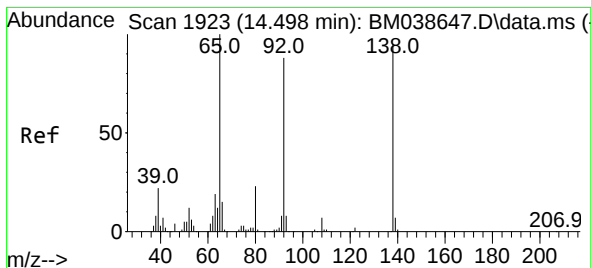
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#52
Acenaphthene
Concen: 44.639 ng
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:154 Resp: 319788
Ion Ratio Lower Upper
154 100
153 114.5 93.7 140.5
152 54.8 44.6 67.0





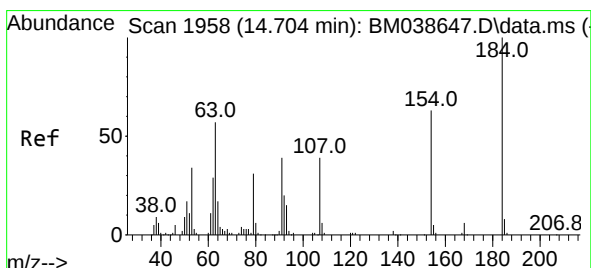
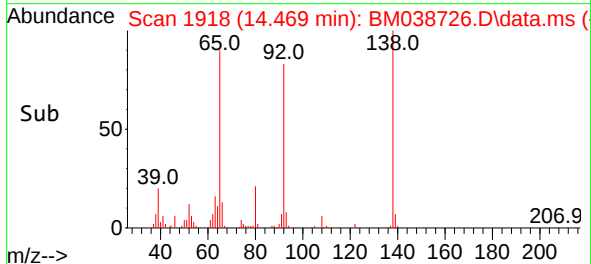
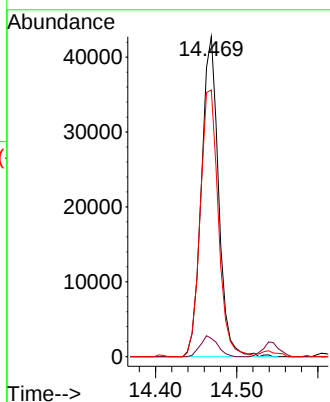
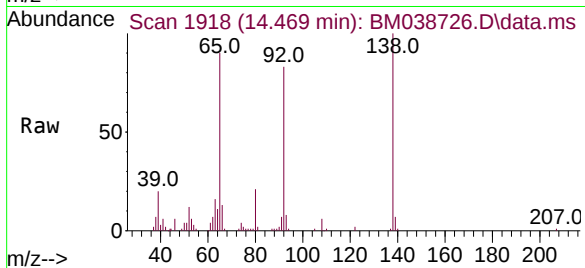
#53
3-Nitroaniline
Concen: 30.130 ng
RT: 14.469 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:138 Resp: 62583
Ion Ratio Lower Upper
138 100
108 5.7 5.8 8.8
92 83.3 73.9 110.9

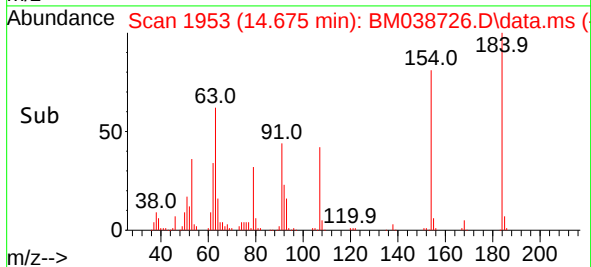
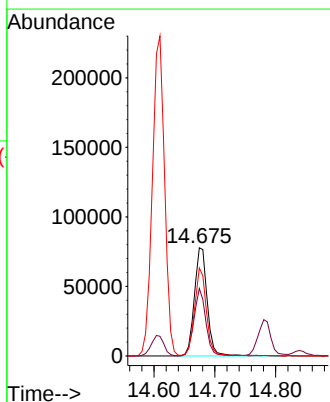
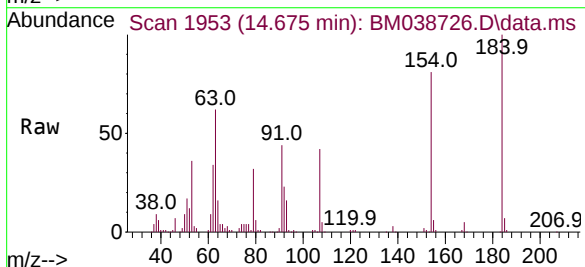
Manual Integrations
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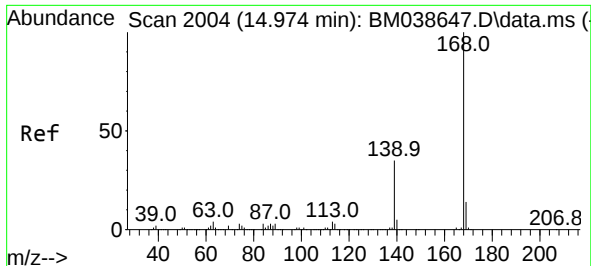
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#54
2,4-Dinitrophenol
Concen: 86.135 ng
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

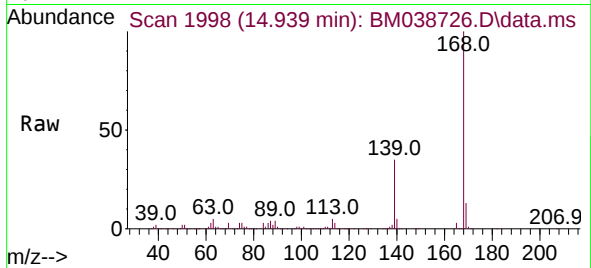
Tgt Ion:184 Resp: 113637
Ion Ratio Lower Upper
184 100
63 62.4 45.9 68.9
154 81.3 54.9 82.3





#55
Dibenzenofuran
Concen: 41.282 ng
RT: 14.939 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

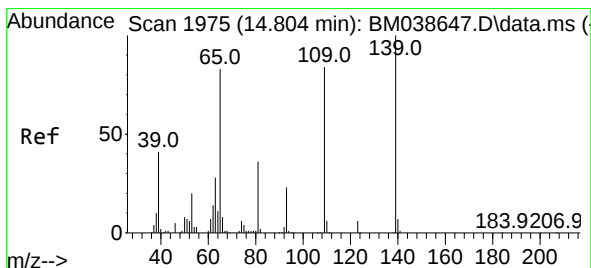
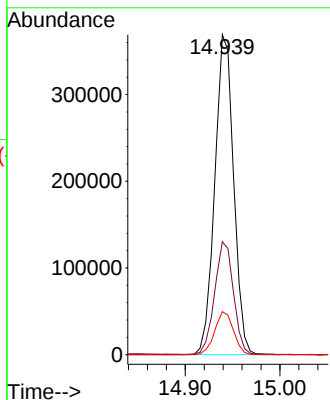
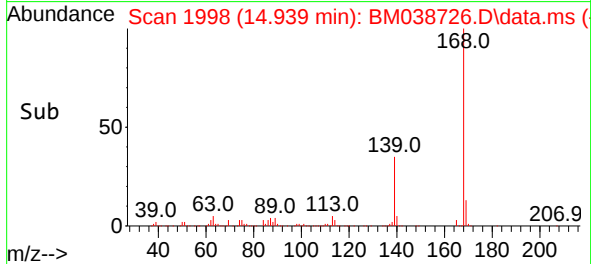
Instrument :
BNA_M
ClientSampleId :
PB150810BS



Tgt Ion:168 Resp: 509265
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.6
169 13.4 10.9 16.3

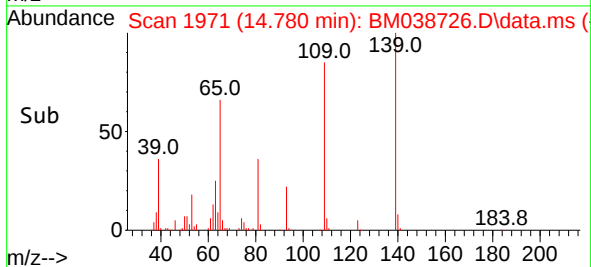
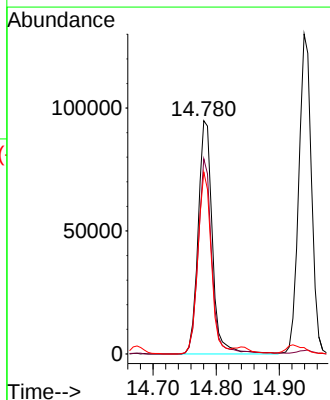
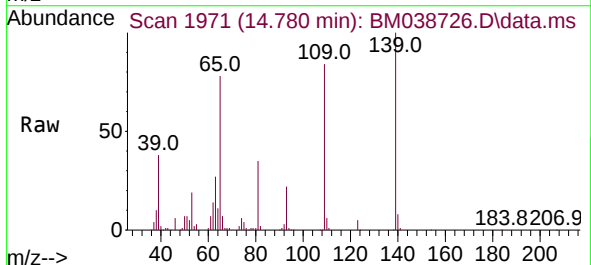
Manual Integrations
APPROVED

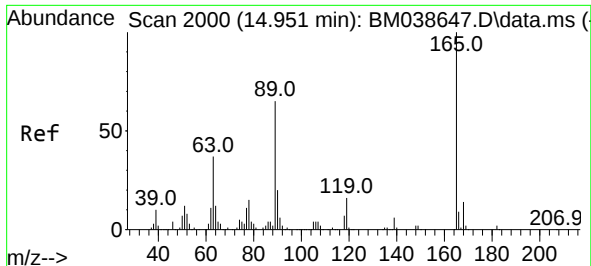
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#56
4-Nitrophenol
Concen: 90.849 ng
RT: 14.780 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

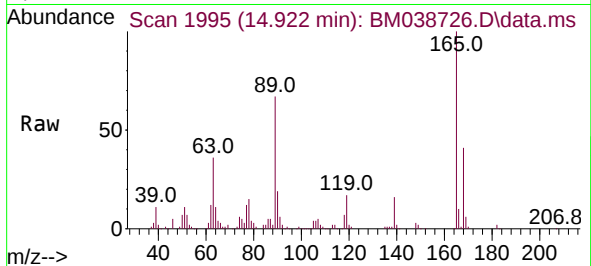
Tgt Ion:139 Resp: 147683
Ion Ratio Lower Upper
139 100
109 83.7 63.8 103.8
65 78.0 62.5 102.5





#57
2,4-Dinitrotoluene
Concen: 40.014 ng
RT: 14.922 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

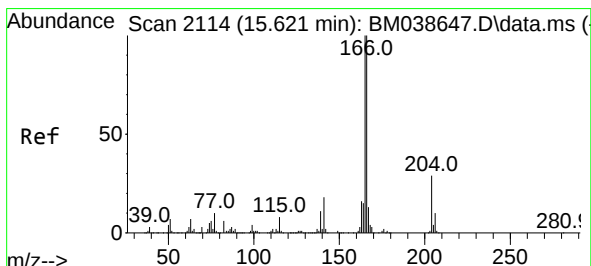
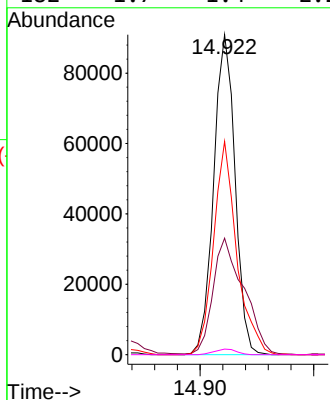
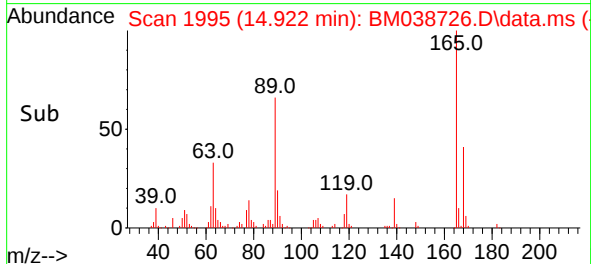
Instrument :
BNA_M
ClientSampleId :
PB150810BS



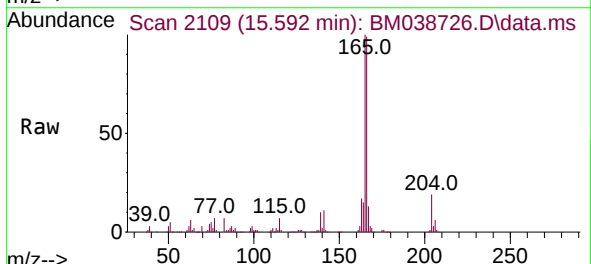
Tgt Ion:165 Resp: 118834
Ion Ratio Lower Upper
165 100
63 36.4 29.4 44.0
89 66.6 51.8 77.6
182 1.7 1.4 2.2

Manual Integrations
APPROVED

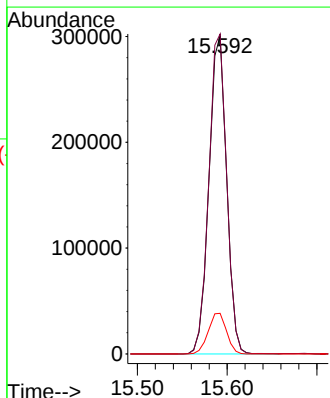
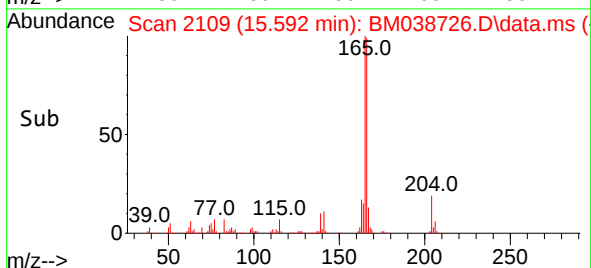
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

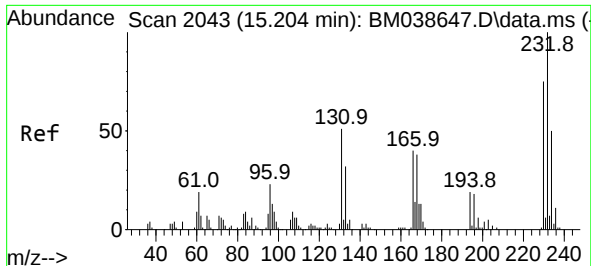


#58
Fluorene
Concen: 42.041 ng
RT: 15.592 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



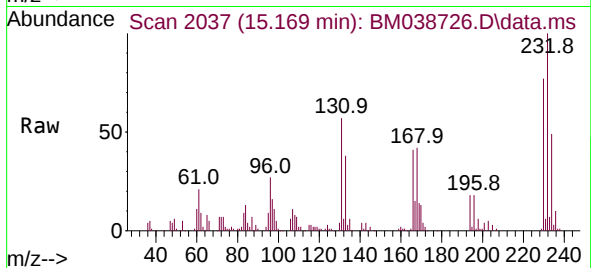
Tgt Ion:166 Resp: 410361
Ion Ratio Lower Upper
166 100
165 100.6 80.2 120.4
167 12.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.059 ng
RT: 15.169 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

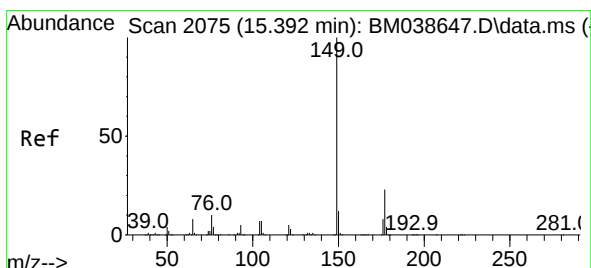
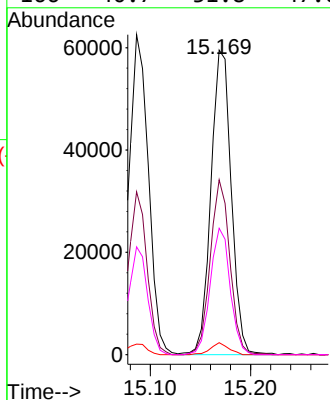
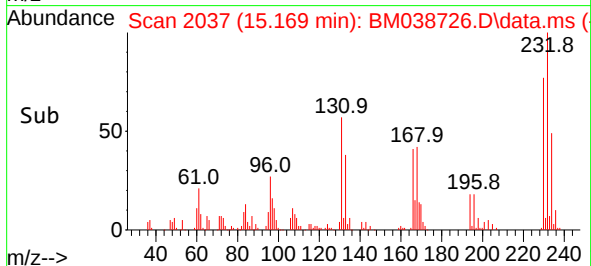
Instrument :
BNA_M
ClientSampleId :
PB150810BS



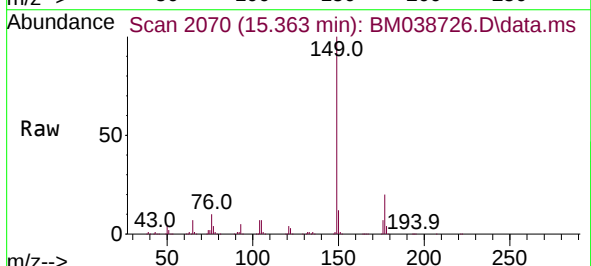
Tgt Ion:232 Resp: 84023
Ion Ratio Lower Upper
232 100
131 55.3 41.2 61.8
130 3.4 2.4 3.6
166 40.7 31.8 47.6

Manual Integrations
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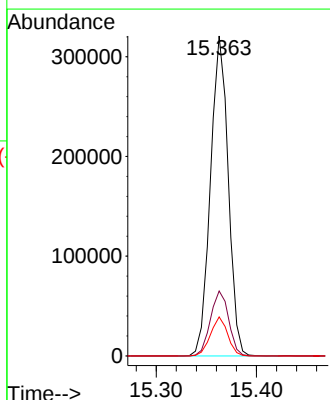
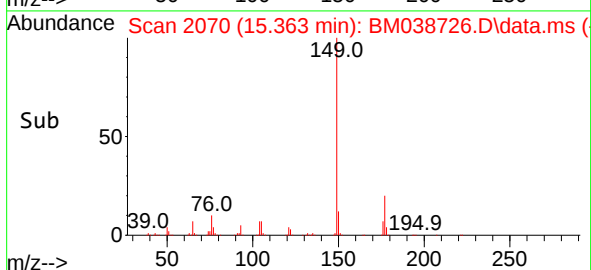
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

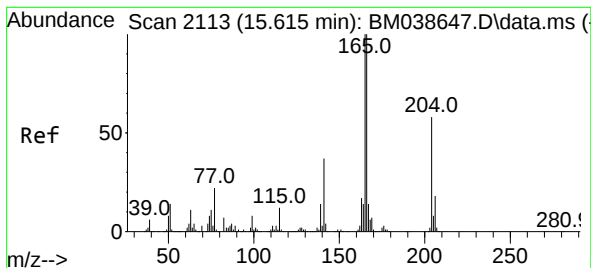


#60
Diethylphthalate
Concen: 41.780 ng
RT: 15.363 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



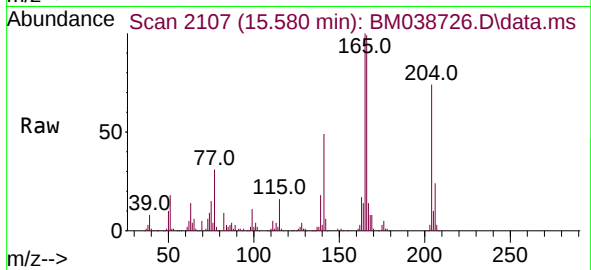
Tgt Ion:149 Resp: 394710
Ion Ratio Lower Upper
149 100
177 20.3 18.1 27.1
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.202 ng
RT: 15.580 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

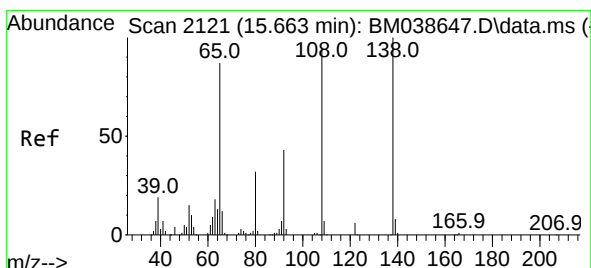
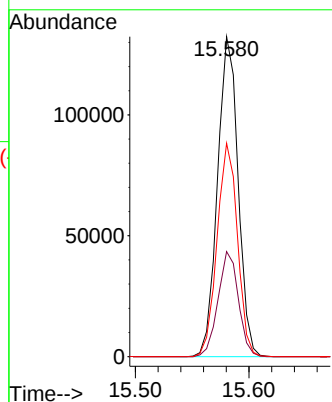
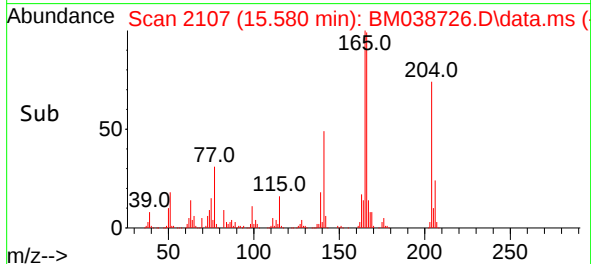
Instrument :
BNA_M
ClientSampleId :
PB150810BS



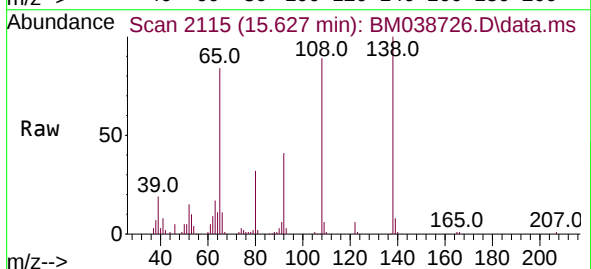
Tgt Ion:204 Resp: 166476
Ion Ratio Lower Upper
204 100
206 32.8 25.3 37.9
141 66.7 51.3 76.9

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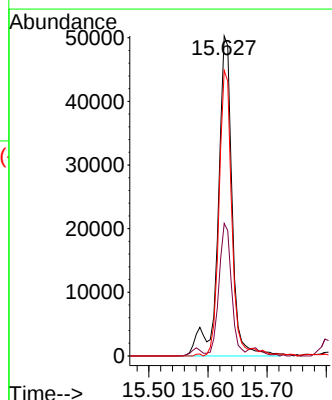
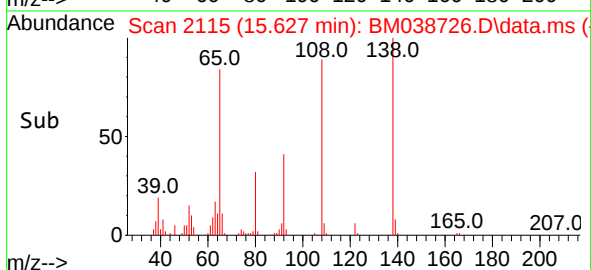
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

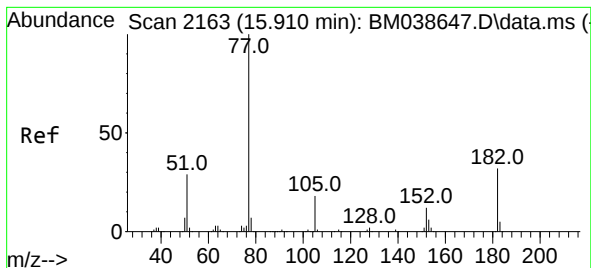


#62
4-Nitroaniline
Concen: 38.302 ng m
RT: 15.627 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



Tgt Ion:138 Resp: 82560
Ion Ratio Lower Upper
138 100
92 41.4 23.4 63.4
108 89.2 75.1 115.1





#63

Azobenzene

Concen: 42.966 ng

RT: 15.874 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

PB150810BS

Tgt Ion: 77 Resp: 312300

Ion Ratio Lower Upper

77 100

182 29.6 12.0 52.0

105 18.3 0.0 37.5

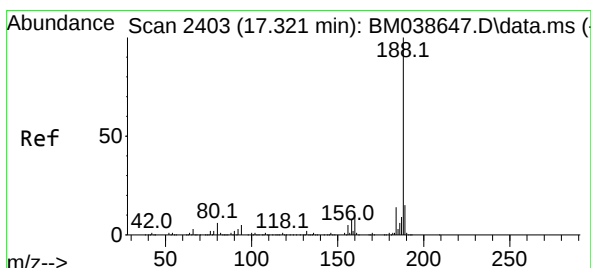
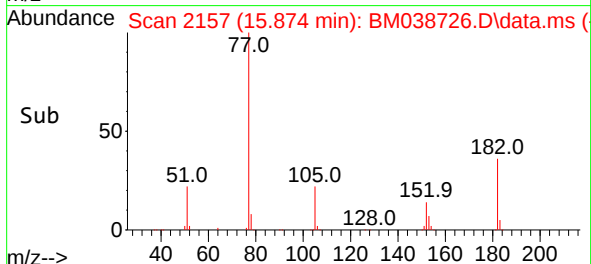
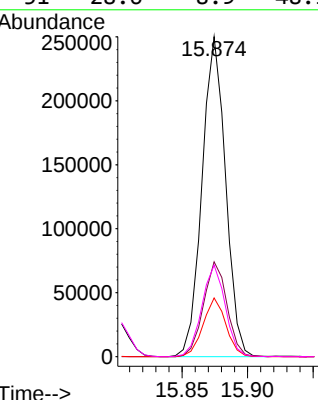
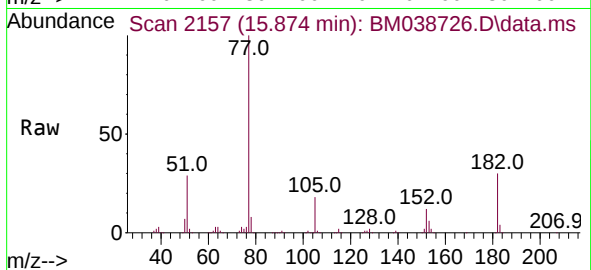
51 28.6 8.9 48.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/17/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2397

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

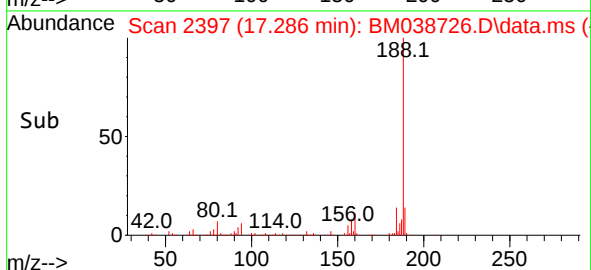
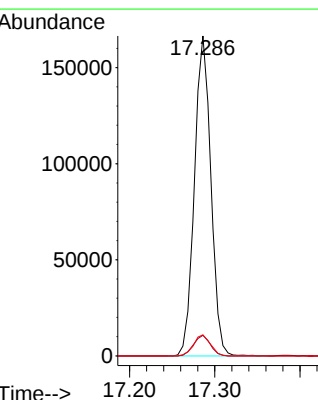
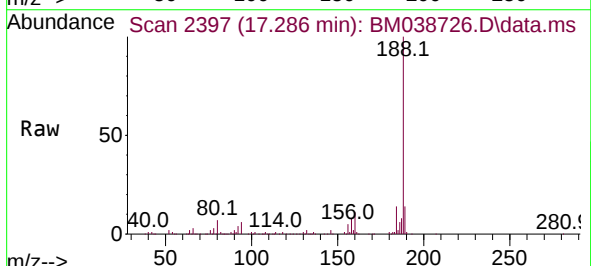
Tgt Ion:188 Resp: 222894

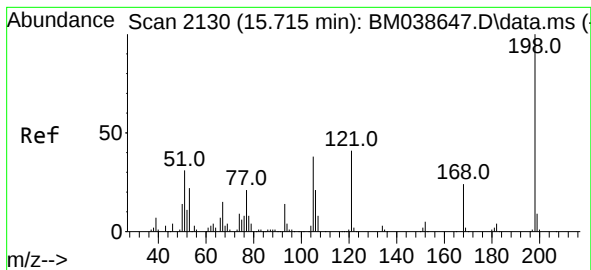
Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

80 6.6 4.6 7.0





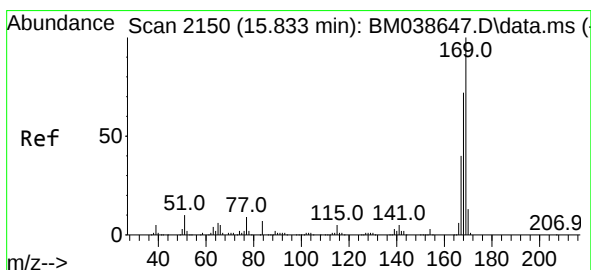
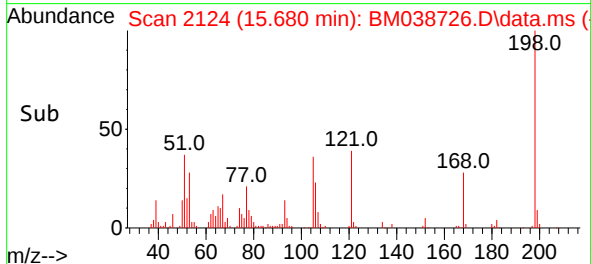
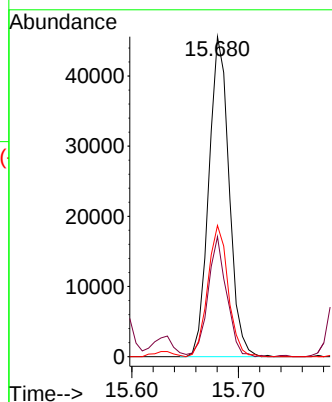
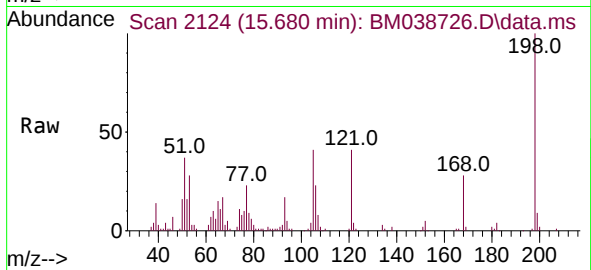
#65
4,6-Dinitro-2-methylphenol
Concen: 42.989 ng
RT: 15.680 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:198 Resp: 60321
Ion Ratio Lower Upper
198 100
51 37.5 13.0 53.0
105 41.0 17.9 57.9

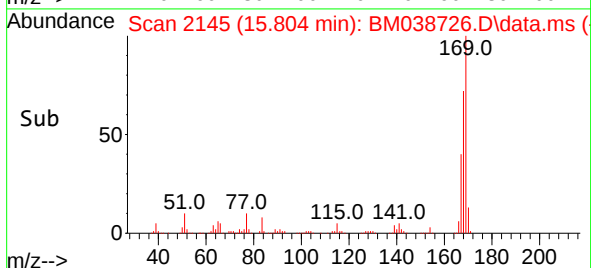
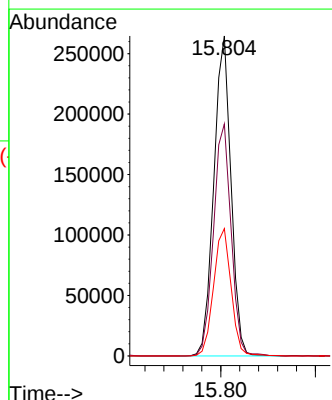
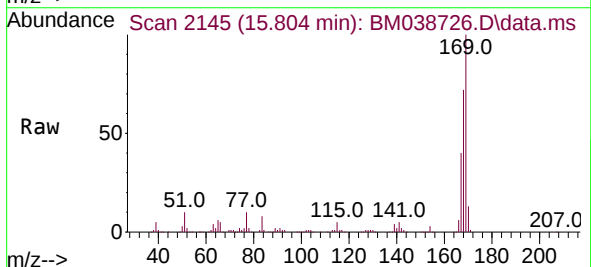
Manual Integrations
APPROVED

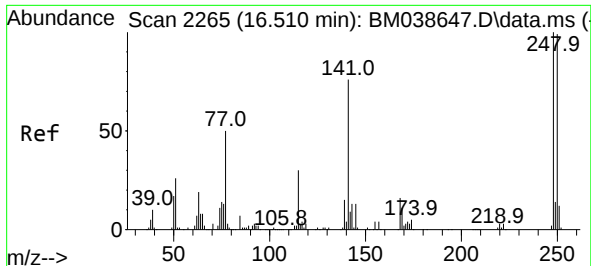
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#66
n-Nitrosodiphenylamine
Concen: 45.782 ng
RT: 15.804 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

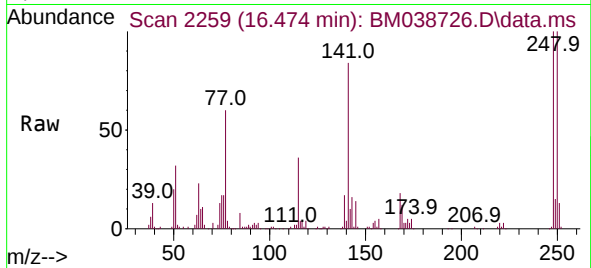
Tgt Ion:169 Resp: 333198
Ion Ratio Lower Upper
169 100
168 72.5 57.6 86.4
167 39.8 32.3 48.5





#67
4-Bromophenyl-phenylether
Concen: 45.032 ng
RT: 16.474 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

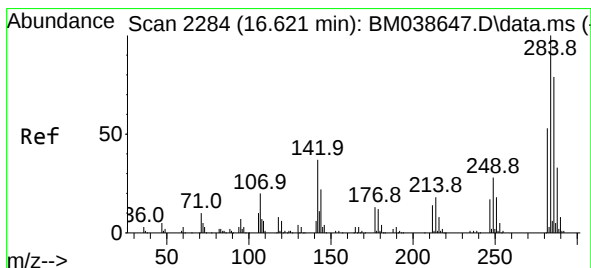
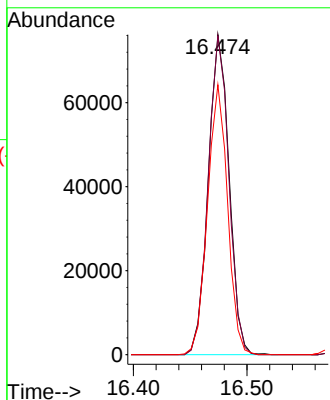
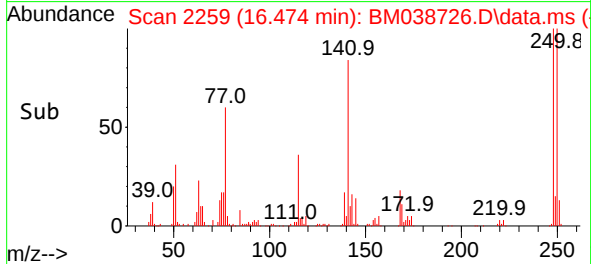
Instrument :
BNA_M
ClientSampleId :
PB150810BS



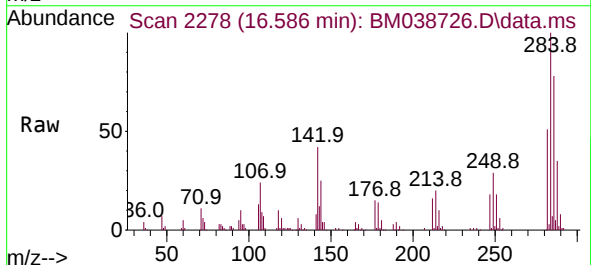
Tgt Ion:248 Resp: 9691
Ion Ratio Lower Upper
248 100
250 99.6 79.4 119.2
141 84.3 61.0 91.6

Manual Integrations
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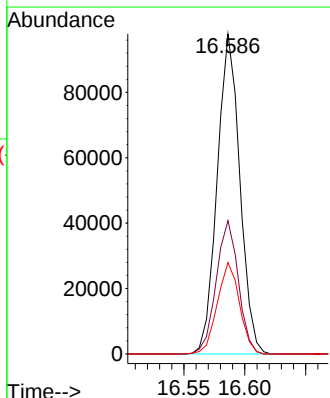
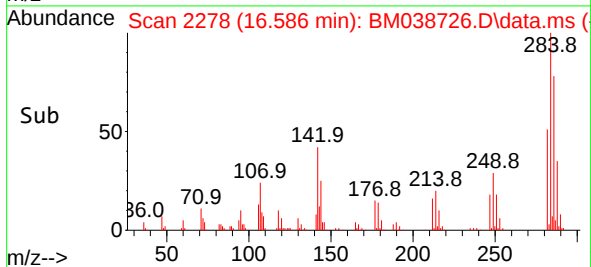
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

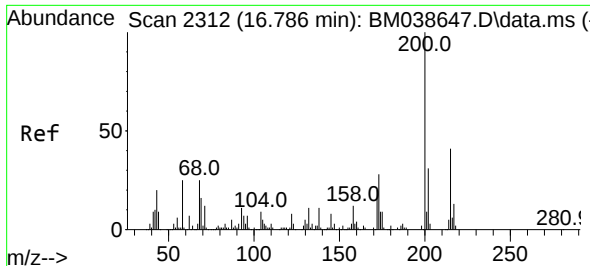


#68
Hexachlorobenzene
Concen: 48.096 ng
RT: 16.586 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



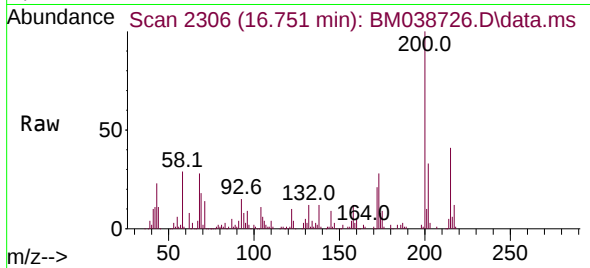
Tgt Ion:284 Resp: 126505
Ion Ratio Lower Upper
284 100
142 41.6 29.8 44.6
249 28.5 22.2 33.4





#69
 Atrazine
 Concen: 46.697 ng
 RT: 16.751 min Scan# 2312
 Delta R.T. 0.000 min
 Lab File: BM038726.D
 Acq: 14 Feb 2023 12:14

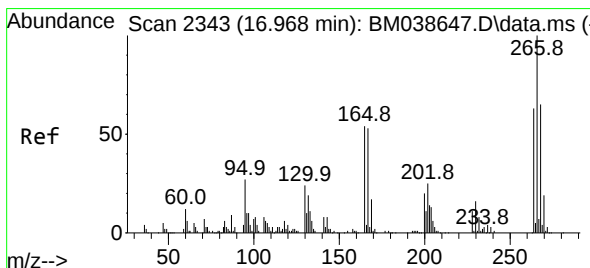
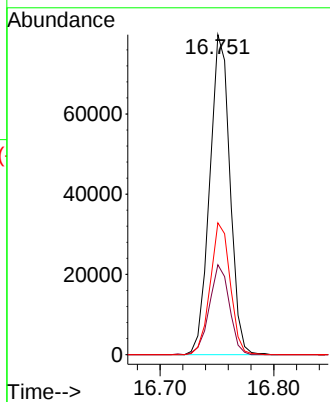
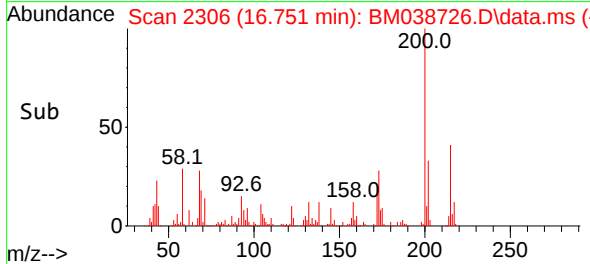
Instrument :
 BNA_M
 ClientSampleId :
 PB150810BS



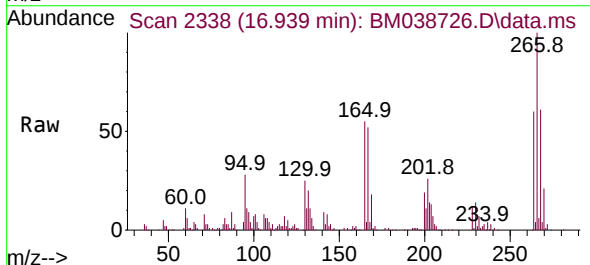
Tgt Ion:200 Resp: 98502
 Ion Ratio Lower Upper
 200 100
 173 28.1 7.9 47.9
 215 41.2 20.8 60.8

Manual Integrations
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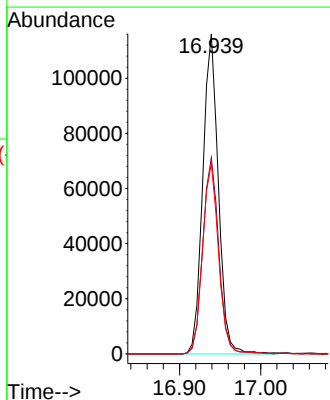
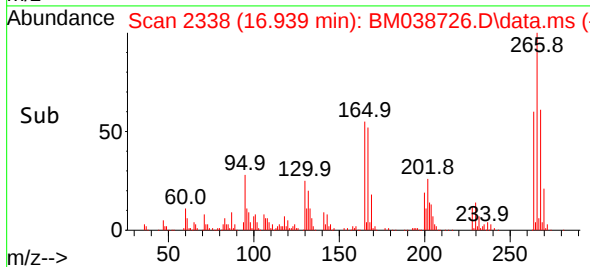
Reviewed By :Christian Giraldo 02/15/2023
 Supervised By :Jagrut Upadhyay 02/17/2023

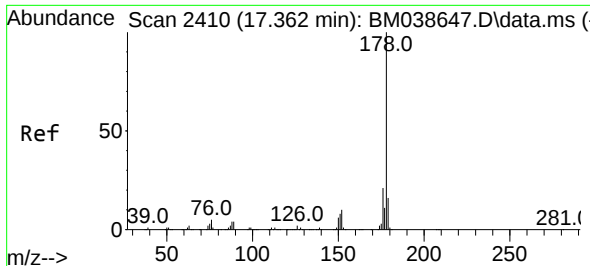


#70
 Pentachlorophenol
 Concen: 80.803 ng
 RT: 16.939 min Scan# 2338
 Delta R.T. 0.000 min
 Lab File: BM038726.D
 Acq: 14 Feb 2023 12:14



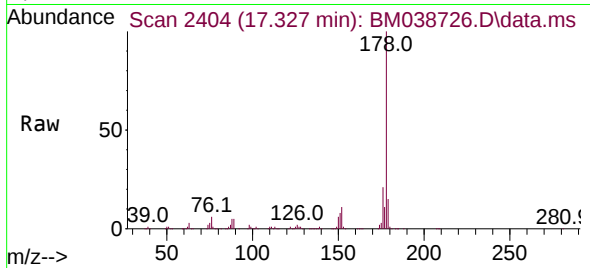
Tgt Ion:266 Resp: 154930
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.8 77.6
 264 59.5 50.6 76.0





#71
Phenanthrene
Concen: 44.800 ng
RT: 17.327 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

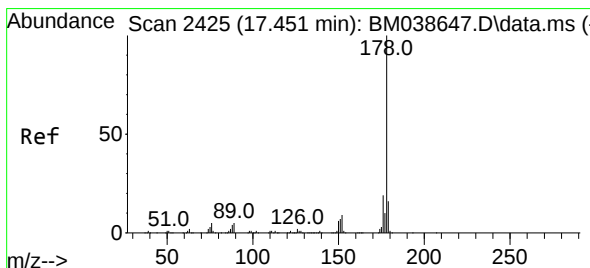
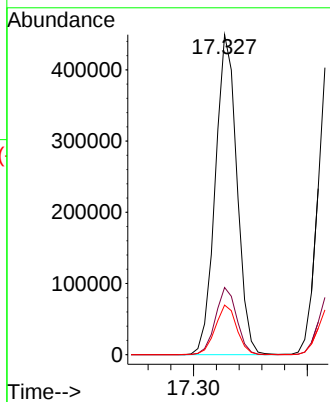
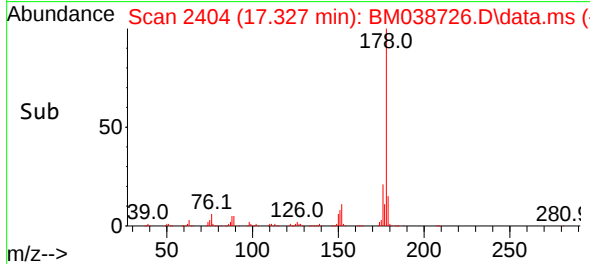
Instrument :
BNA_M
ClientSampleId :
PB150810BS



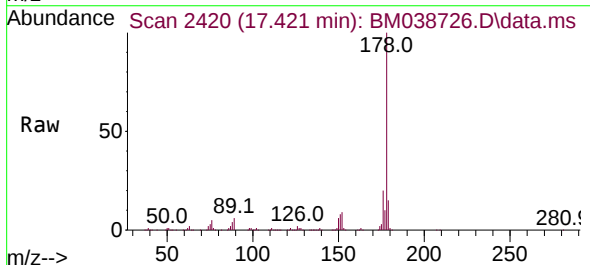
Tgt Ion:178 Resp: 592921
Ion Ratio Lower Upper
178 100
176 21.0 16.7 25.1
179 15.5 12.5 18.7

Manual Integrations
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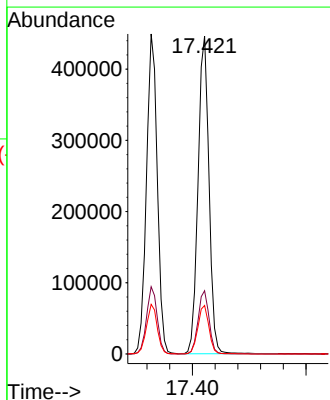
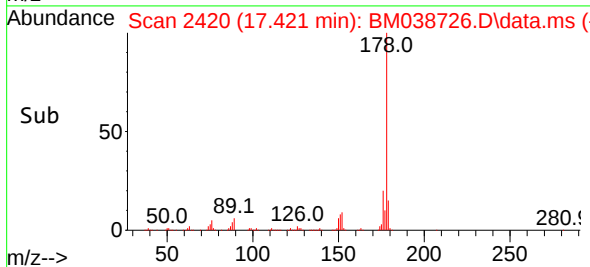
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

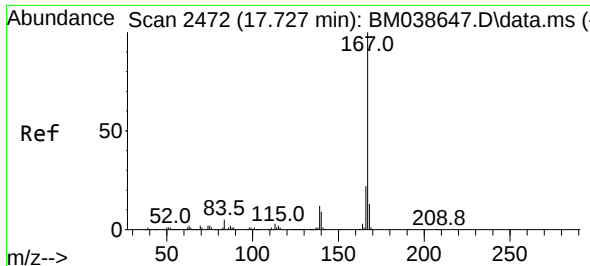


#72
Anthracene
Concen: 43.921 ng
RT: 17.421 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



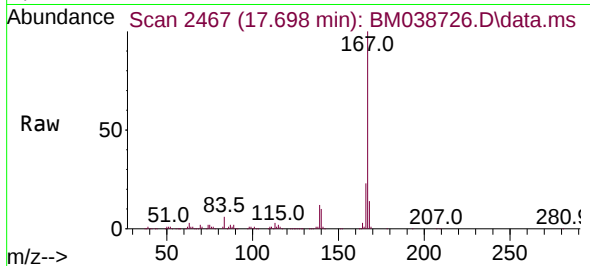
Tgt Ion:178 Resp: 594657
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.2 12.4 18.6





#73
Carbazole
Concen: 44.016 ng
RT: 17.698 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

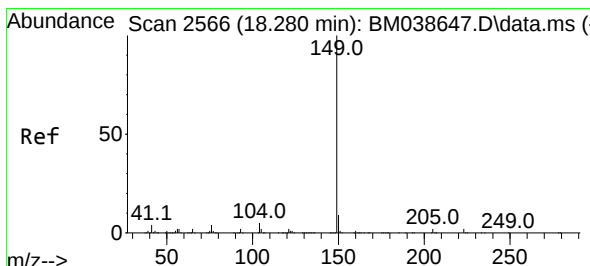
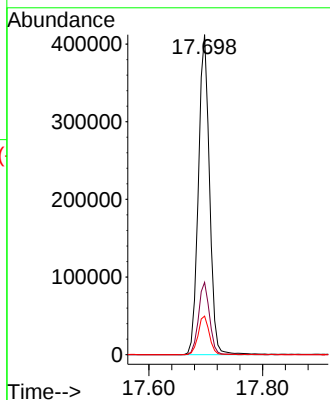
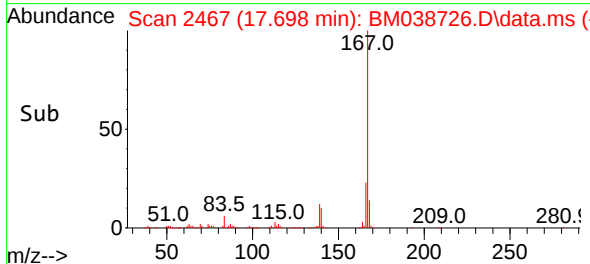
Instrument :
BNA_M
ClientSampleId :
PB150810BS



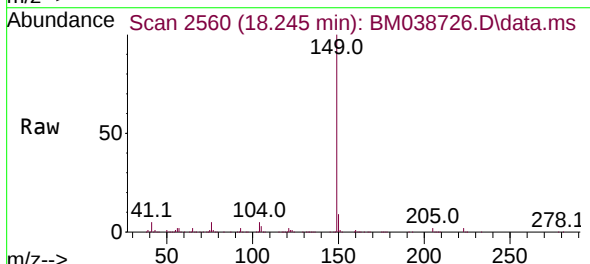
Tgt Ion:167 Resp: 555799
Ion Ratio Lower Upper
167 100
166 22.6 17.8 26.6
139 12.0 9.4 14.2

Manual Integrations
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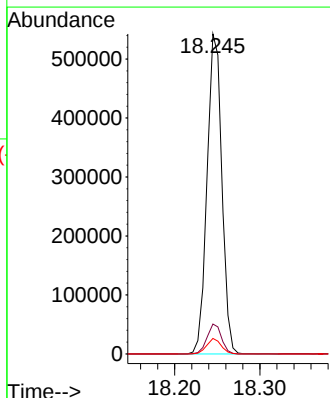
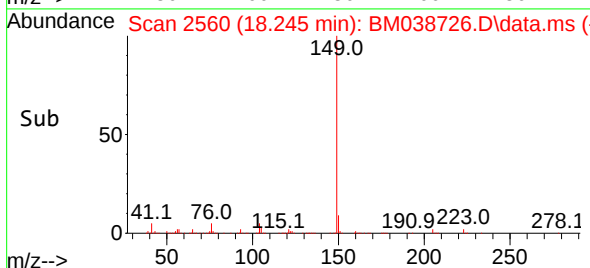
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

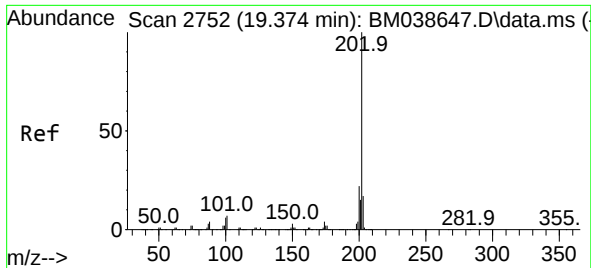


#74
Di-n-butylphthalate
Concen: 45.748 ng
RT: 18.245 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



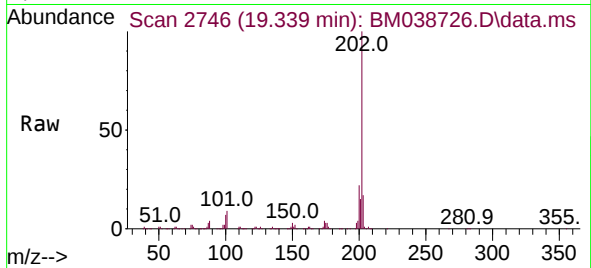
Tgt Ion:149 Resp: 652655
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 40.724 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

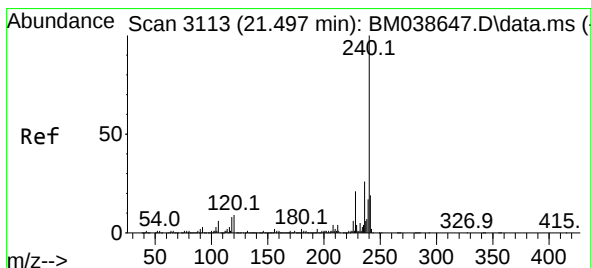
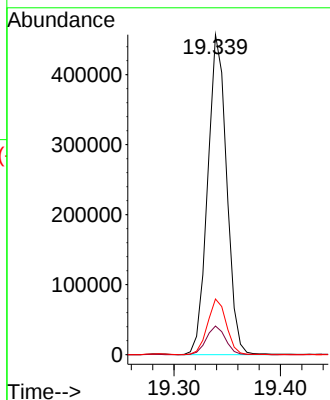
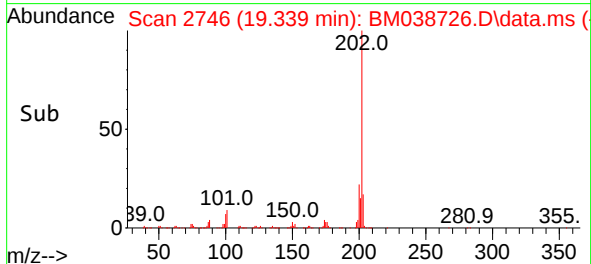
Instrument :
BNA_M
ClientSampleId :
PB150810BS



Tgt Ion:202 Resp: 565892
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.4
203 17.4 0.0 37.3

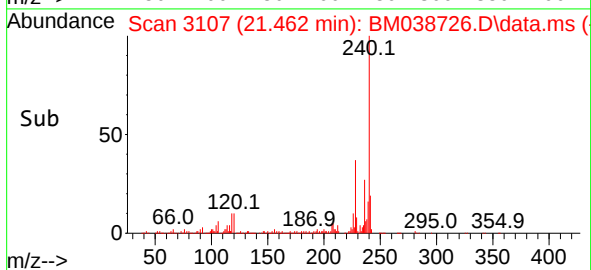
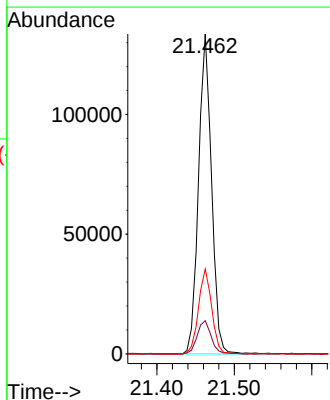
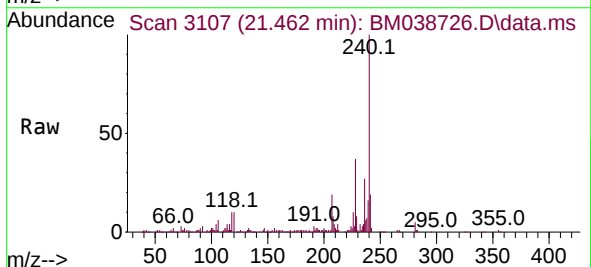
Manual Integrations
APPROVED

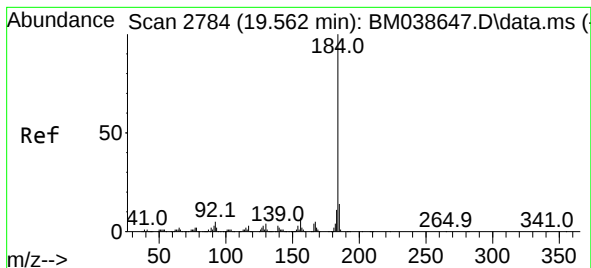
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:240 Resp: 155647
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.4
236 26.5 20.9 31.3





#77

Benzidine

Concen: 43.728 ng

RT: 19.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

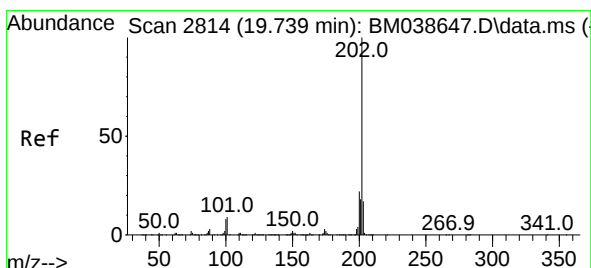
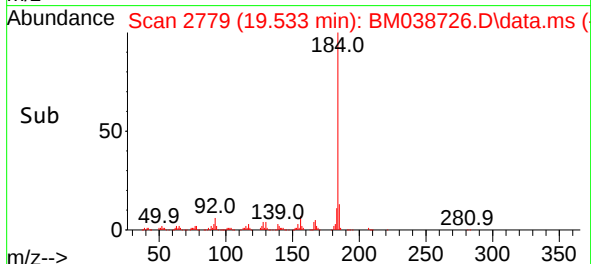
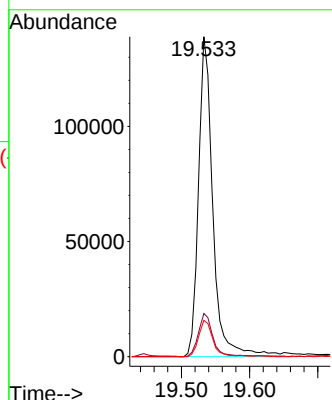
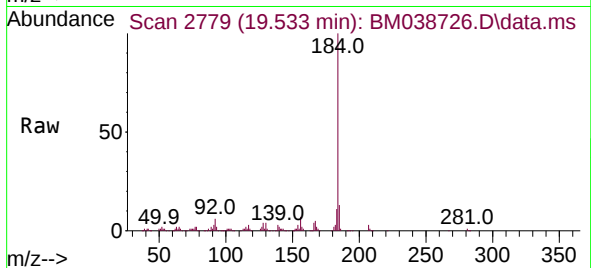
PB150810BS

Tgt Ion:184 Resp: 203097
 Ion Ratio Lower Upper
 184 100
 185 13.5 10.8 16.2
 183 11.3 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/15/2023
 Supervised By :Jagrut Upadhyay 02/17/2023



#78

Pyrene

Concen: 49.965 ng

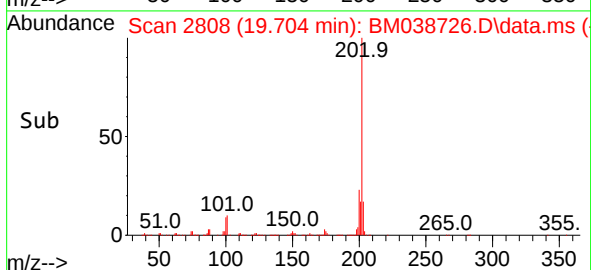
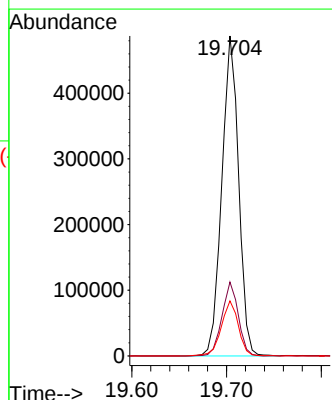
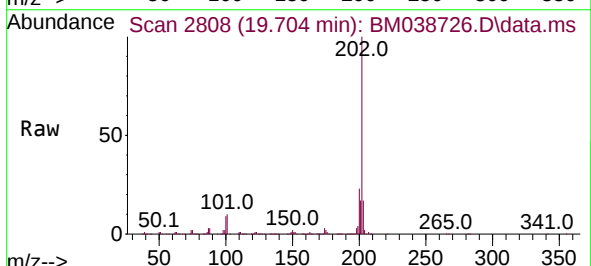
RT: 19.704 min Scan# 2808

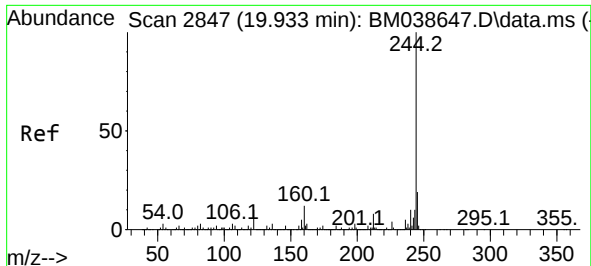
Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

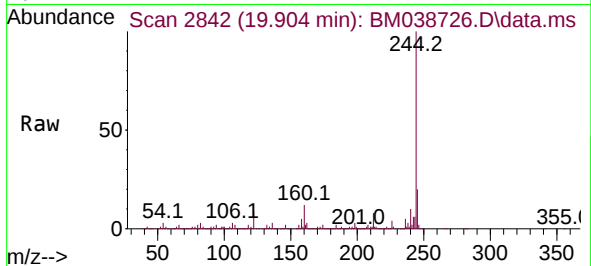
Tgt Ion:202 Resp: 598754
 Ion Ratio Lower Upper
 202 100
 200 23.1 17.8 26.6
 203 17.2 13.5 20.3





#79
 Terphenyl-d14
 Concen: 105.704 ng
 RT: 19.904 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM038726.D
 Acq: 14 Feb 2023 12:14

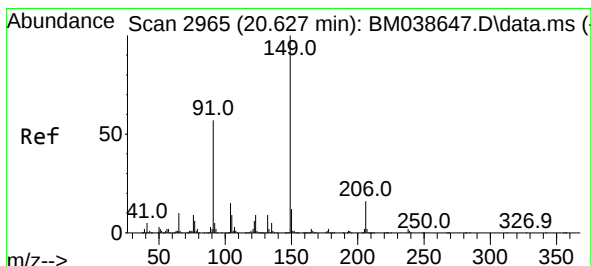
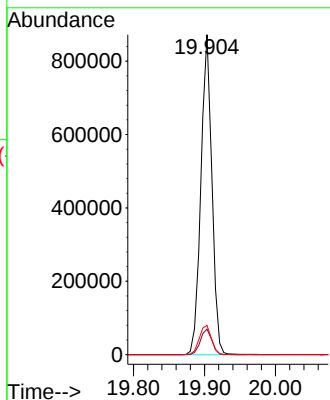
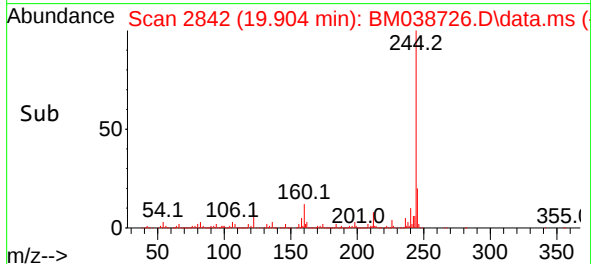
Instrument :
 BNA_M
 ClientSampleId :
 PB150810BS



Tgt Ion:244 Resp: 932331
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 9.1 7.8 11.8

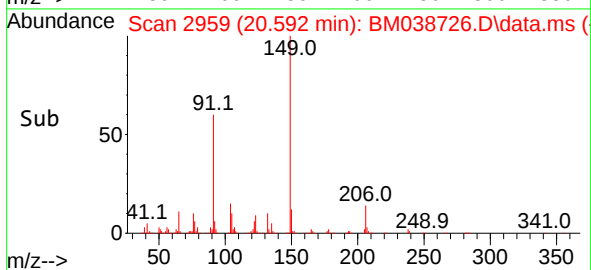
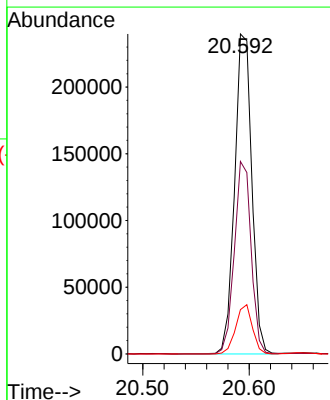
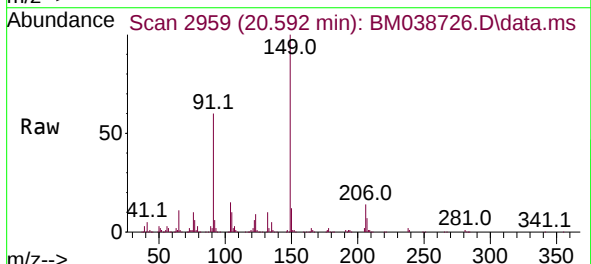
Manual Integrations
 APPROVED

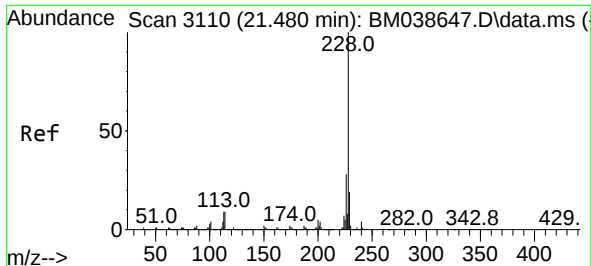
Reviewed By :Christian Giraldo 02/15/2023
 Supervised By :Jagrut Upadhyay 02/17/2023



#80
 Butylbenzylphthalate
 Concen: 45.076 ng
 RT: 20.592 min Scan# 2959
 Delta R.T. 0.000 min
 Lab File: BM038726.D
 Acq: 14 Feb 2023 12:14

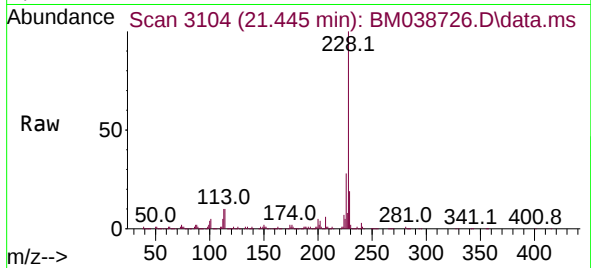
Tgt Ion:149 Resp: 268177
 Ion Ratio Lower Upper
 149 100
 91 60.1 45.6 68.4
 206 13.8 12.5 18.7





#81
Benzo(a)anthracene
Concen: 45.370 ng
RT: 21.445 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

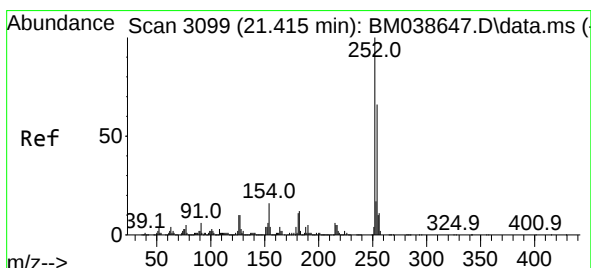
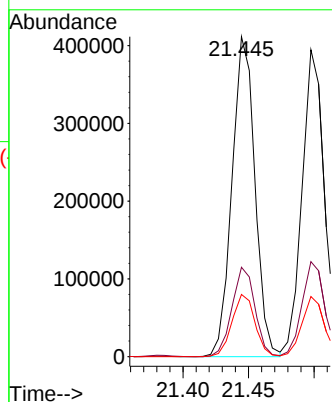
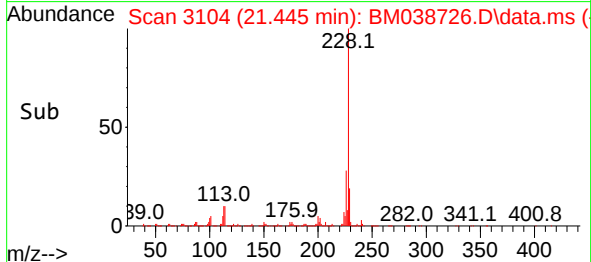
Instrument :
BNA_M
ClientSampleId :
PB150810BS



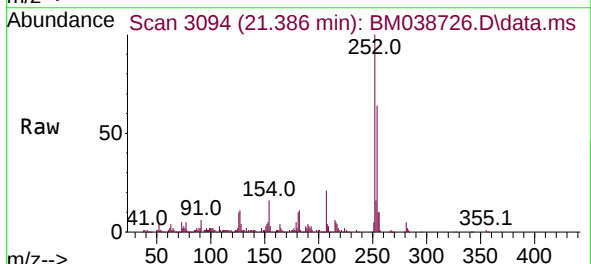
Tgt Ion:228 Resp: 499526
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 19.4 15.5 23.3

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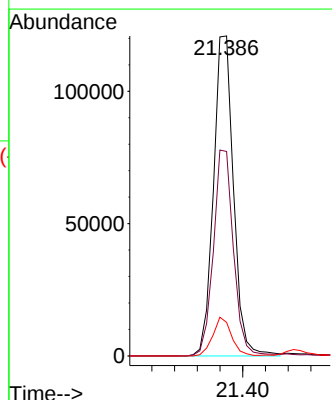
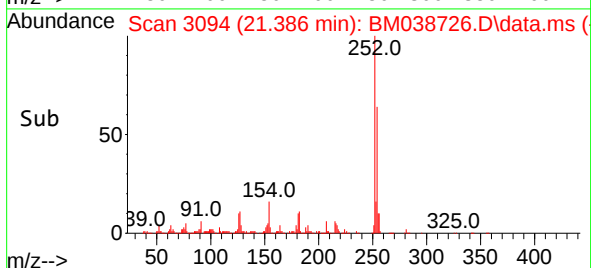
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

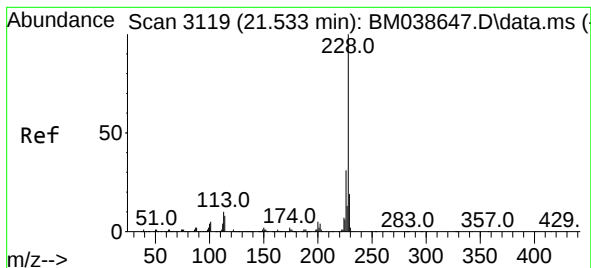


#82
3,3'-Dichlorobenzidine
Concen: 39.132 ng
RT: 21.386 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14



Tgt Ion:252 Resp: 148224
Ion Ratio Lower Upper
252 100
254 63.9 52.8 79.2
126 10.5 8.2 12.2





#83

Chrysene

Concen: 43.861 ng

RT: 21.498 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

PB150810BS

Tgt Ion:228 Resp: 46528

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

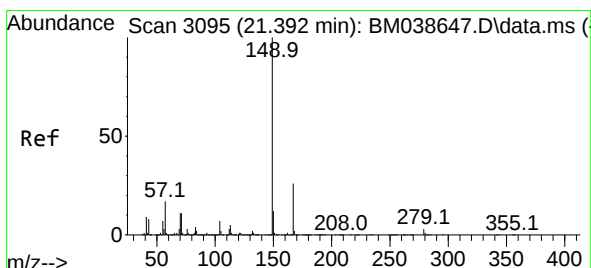
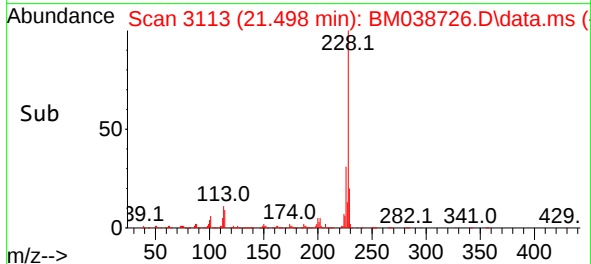
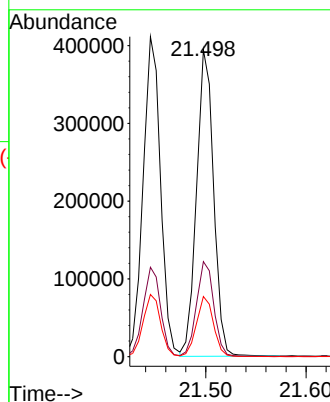
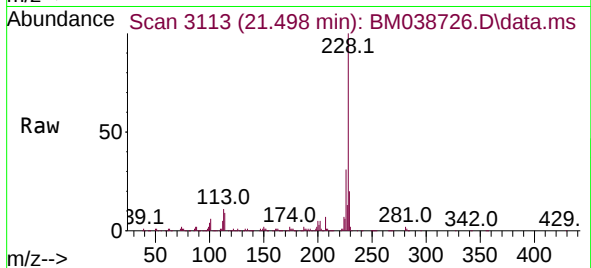
229 19.6 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.689 ng

RT: 21.362 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

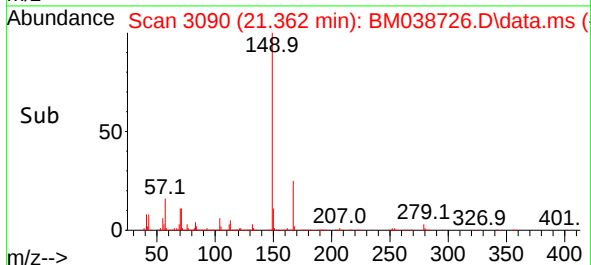
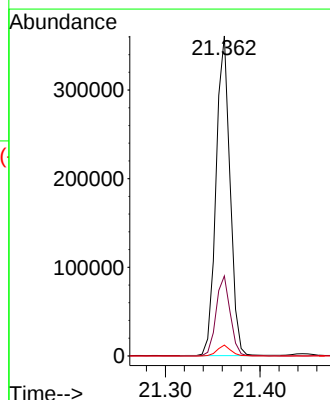
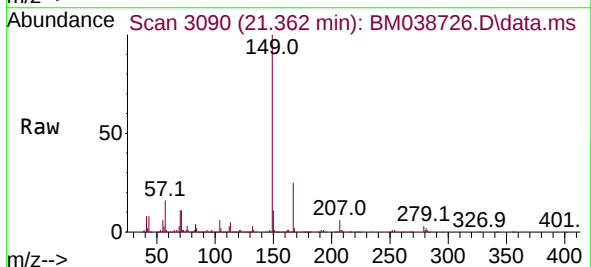
Tgt Ion:149 Resp: 369094

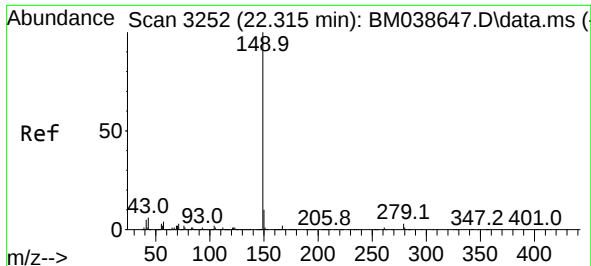
Ion Ratio Lower Upper

149 100

167 25.0 20.8 31.2

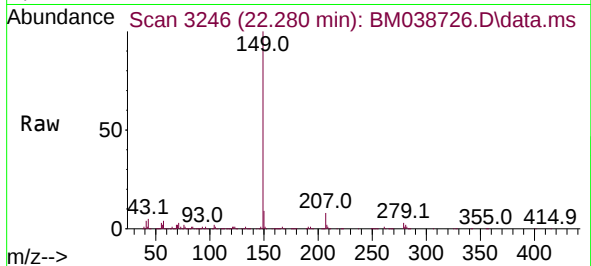
279 3.4 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 43.711 ng
RT: 22.280 min Scan# 311
Delta R.T. 0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

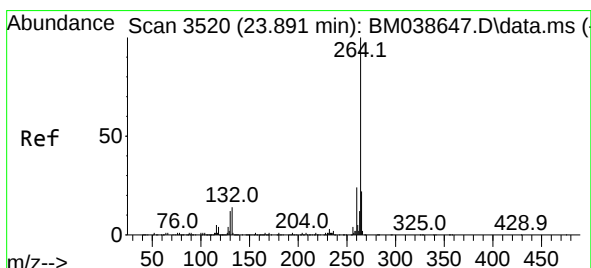
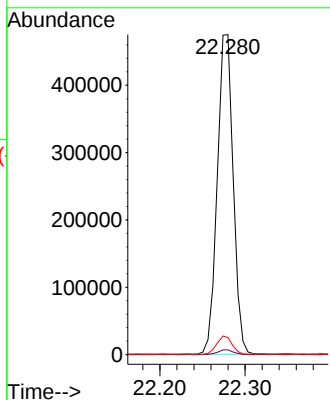
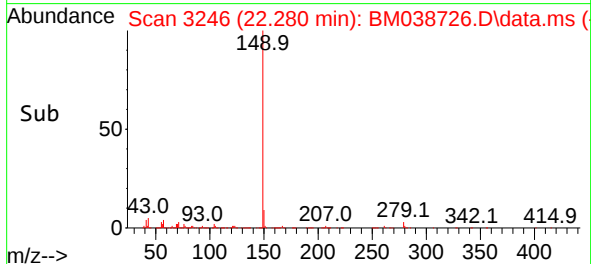
Instrument :
BNA_M
ClientSampleId :
PB150810BS



Tgt Ion:149 Resp: 616562
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 5.6 4.6 6.8

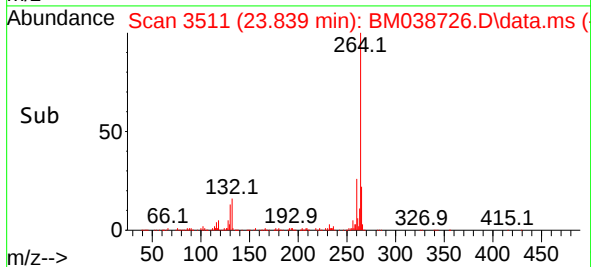
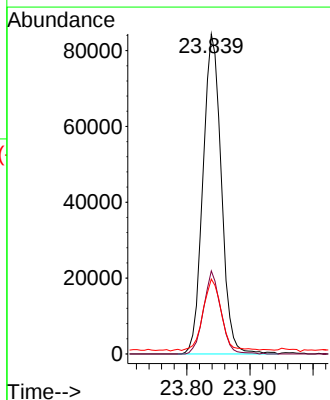
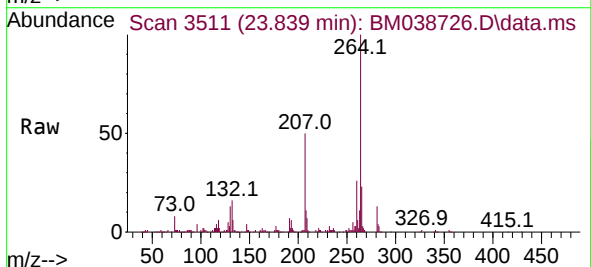
Manual Integrations
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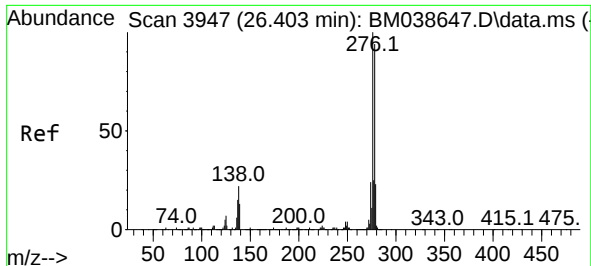
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:264 Resp: 170342
Ion Ratio Lower Upper
264 100
260 25.9 19.6 29.4
265 23.4 17.9 26.9





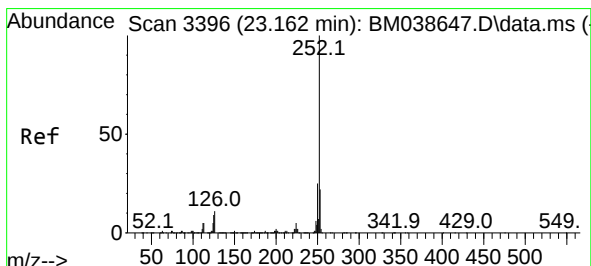
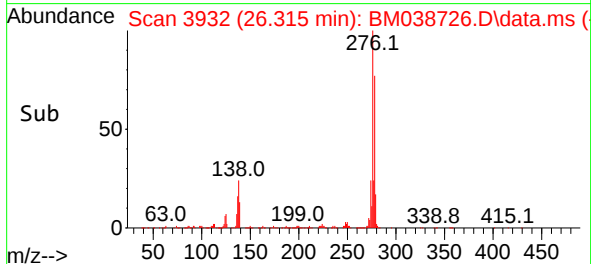
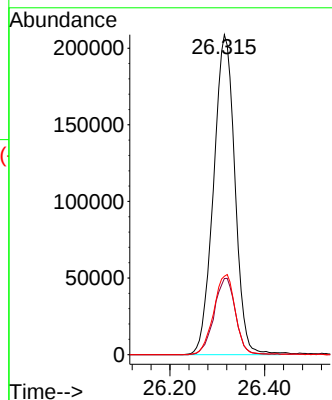
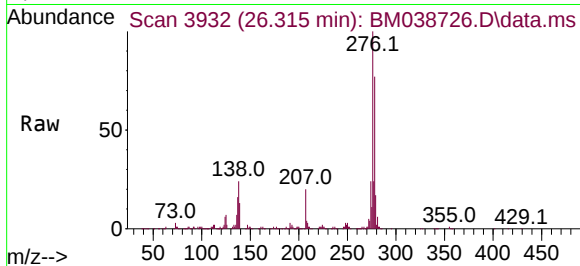
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.564 ng
RT: 26.315 min Scan# 3947
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Instrument :
BNA_M
ClientSampleId :
PB150810BS

Tgt Ion:276 Resp: 651593
Ion Ratio Lower Upper
276 100
138 24.0 17.2 25.8
277 25.3 20.2 30.4

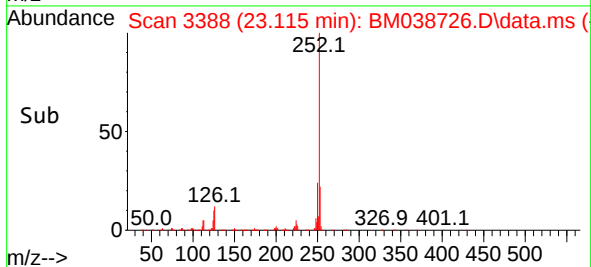
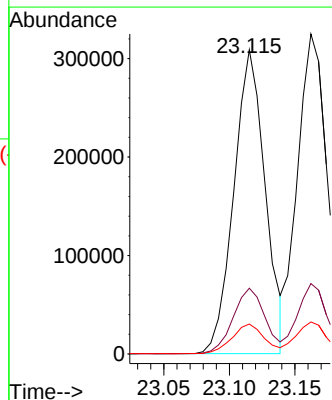
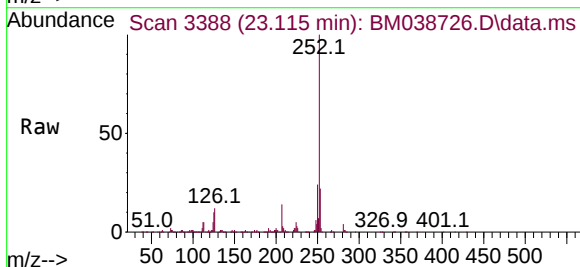
Manual Integrations
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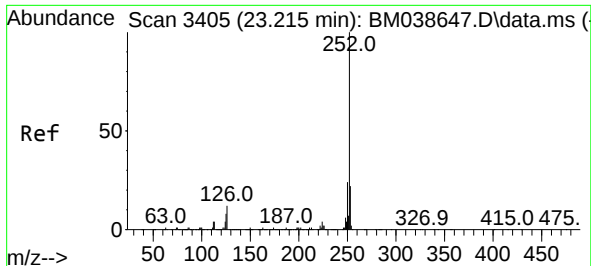
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#88
Benzo(b)fluoranthene
Concen: 50.245 ng
RT: 23.115 min Scan# 3388
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

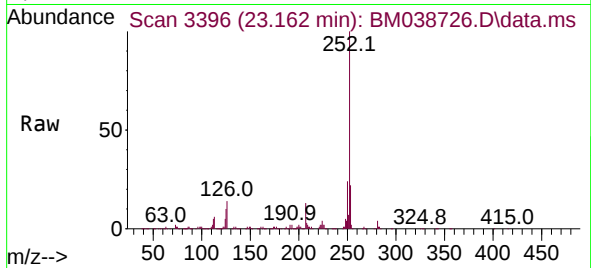
Tgt Ion:252 Resp: 512641
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.8 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 50.168 ng m
RT: 23.162 min Scan# 3405
Delta R.T. 0.000 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

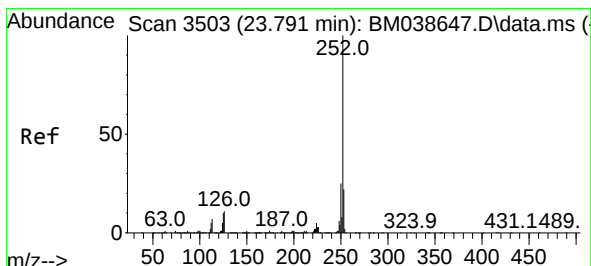
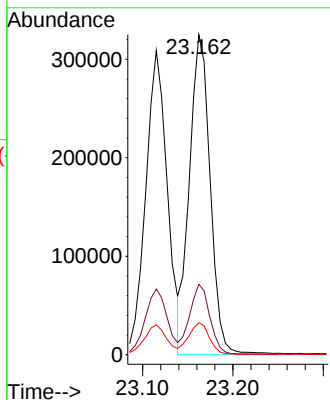
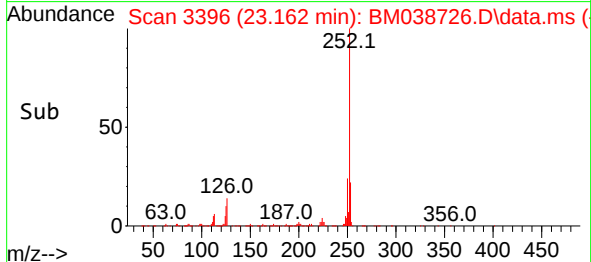
Instrument :
BNA_M
ClientSampleId :
PB150810BS



Tgt Ion:252 Resp: 519776
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.0 6.6 9.8

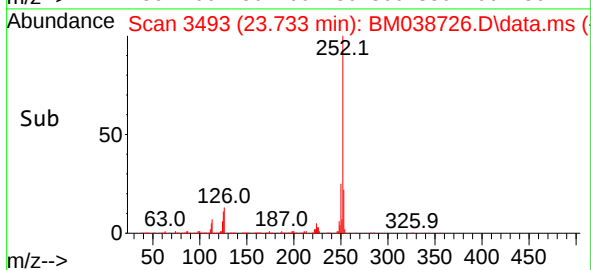
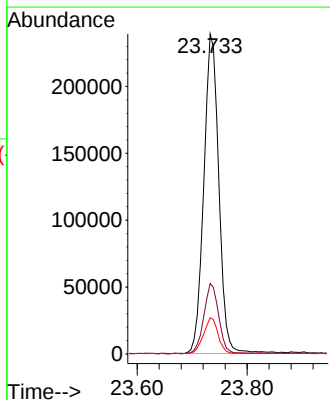
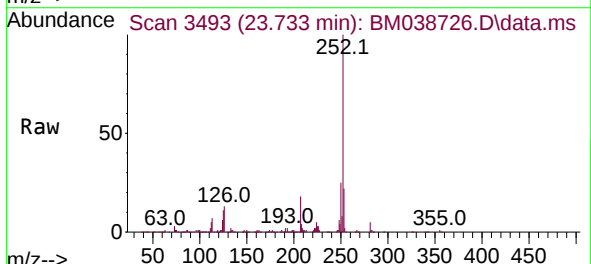
Manual Integrations
APPROVED

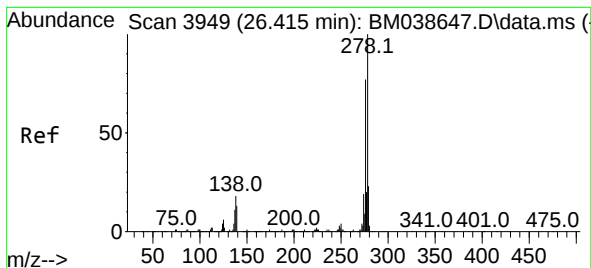
Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023



#90
Benzo(a)pyrene
Concen: 44.952 ng
RT: 23.733 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM038726.D
Acq: 14 Feb 2023 12:14

Tgt Ion:252 Resp: 453552
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.3 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 48.773 ng

RT: 26.327 min Scan# 3949

Delta R.T. 0.000 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Instrument :

BNA_M

ClientSampleId :

PB150810BS

Tgt Ion:278 Resp: 550568

Ion Ratio Lower Upper

278 100

139 15.6 10.5 15.7

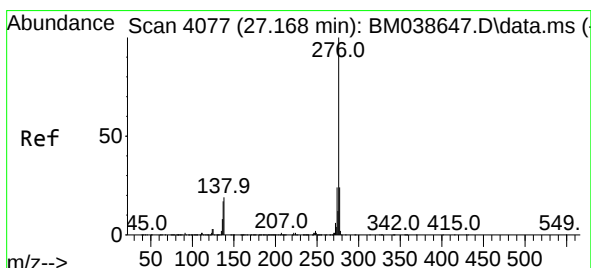
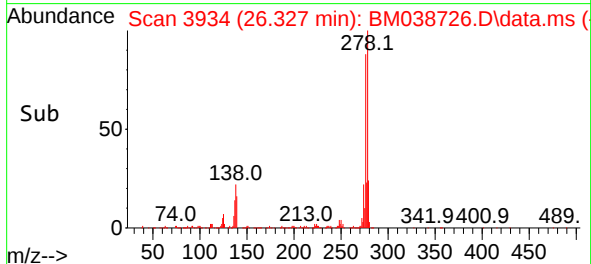
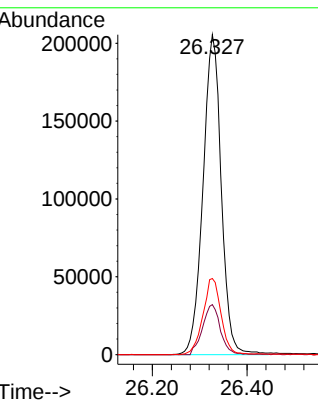
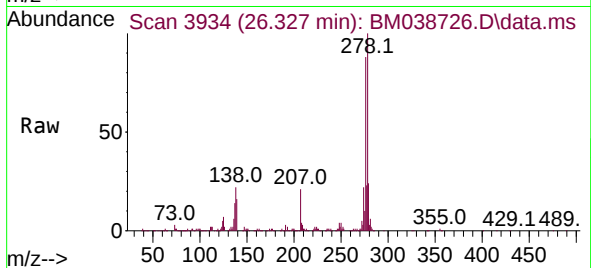
279 23.8 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/15/2023

Supervised By :Jagrut Upadhyay 02/17/2023



#92

Benzo(g,h,i)perylene

Concen: 48.744 ng

RT: 27.074 min Scan# 4061

Delta R.T. -0.006 min

Lab File: BM038726.D

Acq: 14 Feb 2023 12:14

Tgt Ion:276 Resp: 556202

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 20.7 15.3 22.9

