

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039176.D
 Acq On : 28 Mar 2023 12:58
 Operator : CG/JU
 Sample : PB151576BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151576BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2023
 Supervised By : Jagrut Upadhyay 03/29/2023

Quant Time: Mar 29 01:26:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	323967	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1337623	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	820107	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1643985	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1202219	20.000	ng	0.00
86) Perylene-d12	23.927	264	1095279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2594351	121.666	ng	0.00
7) Phenol-d6	7.116	99	3418743	123.433	ng	0.00
23) Nitrobenzene-d5	9.110	82	2046075	75.137	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	1204673	126.977	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	4479285	71.102	ng	0.00
79) Terphenyl-d14	19.951	244	5580680	84.871	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	358635	37.805	ng	100
3) Pyridine	3.769	79	938722	35.680	ng	98
4) n-Nitrosodimethylamine	3.681	42	419535	39.187	ng	91
6) Aniline	7.263	93	1466787	40.333	ng	99
8) 2-Chlorophenol	7.504	128	1166414	51.380	ng	98
9) Benzaldehyde	7.075	77	672321	51.011	ng	98
10) Phenol	7.140	94	1475166	50.154	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	1075897	44.991	ng	99
12) 1,3-Dichlorobenzene	7.828	146	1118784	46.373	ng	99
13) 1,4-Dichlorobenzene	7.975	146	1148997	46.828	ng	100
14) 1,2-Dichlorobenzene	8.293	146	1103644	46.696	ng	99
15) Benzyl Alcohol	8.187	79	1004177	50.583	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1423748	47.142	ng	99
17) 2-Methylphenol	8.393	107	996949	49.342	ng	98
18) Hexachloroethane	9.022	117	435518	48.108	ng	94
19) n-Nitroso-di-n-propyla...	8.757	70	868729	49.797	ng	98
20) 3+4-Methylphenols	8.722	107	1353622	50.174	ng	98
22) Acetophenone	8.769	105	1691655	45.076	ng	99
24) Nitrobenzene	9.151	77	1260677	44.046	ng	98
25) Isophorone	9.681	82	2391963	47.733	ng	100
26) 2-Nitrophenol	9.863	139	620549	49.034	ng	96
27) 2,4-Dimethylphenol	9.928	122	1117161	51.164	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	1522840	47.296	ng	100
29) 2,4-Dichlorophenol	10.404	162	1092729	52.786	ng	99
30) 1,2,4-Trichlorobenzene	10.616	180	1035448	45.773	ng	98
31) Naphthalene	10.804	128	3321630	43.549	ng	99
32) Benzoic acid	10.098	122	864888	53.272	ng	98
33) 4-Chloroaniline	10.916	127	749531	23.059	ng	100
34) Hexachlorobutadiene	11.081	225	585142	45.107	ng	99
35) Caprolactam	11.728	113	345766m	54.880	ng	
36) 4-Chloro-3-methylphenol	12.045	107	1155811	52.434	ng	100
37) 2-Methylnaphthalene	12.410	142	2286236	44.721	ng	98
38) 1-Methylnaphthalene	12.628	142	2154327	44.967	ng	100
40) 1,2,4,5-Tetrachloroben...	12.780	216	1167280	43.782	ng	99
41) Hexachlorocyclopentadiene	12.757	237	1322059	90.338	ng	100
43) 2,4,6-Trichlorophenol	13.022	196	848137	49.126	ng	99

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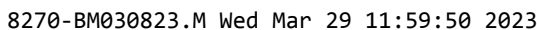
Quant Time: Mar 29 01:26:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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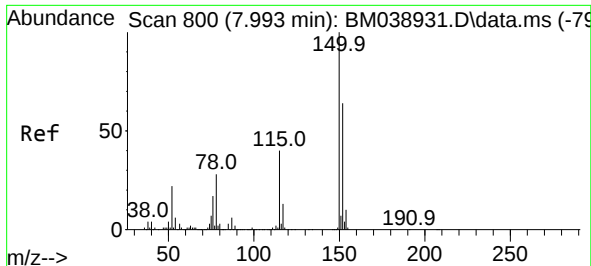
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	916178	45.337	ng	98
46) 1,1'-Biphenyl	13.422	154	3071903	44.214	ng	99
47) 2-Chloronaphthalene	13.463	162	2349110	44.838	ng	99
48) 2-Nitroaniline	13.669	65	757985	45.318	ng	97
49) Acenaphthylene	14.310	152	3722081	44.602	ng	99
50) Dimethylphthalate	14.045	163	2901075	45.971	ng	100
51) 2,6-Dinitrotoluene	14.169	165	644266	46.213	ng	94
52) Acenaphthene	14.651	154	2214185	43.173	ng	97
53) 3-Nitroaniline	14.498	138	449752	28.243	ng	93
54) 2,4-Dinitrophenol	14.704	184	844830	103.675	ng	94
55) Dibenzofuran	14.980	168	3486293	43.440	ng	99
56) 4-Nitrophenol	14.816	139	1195166	95.360	ng	95
57) 2,4-Dinitrotoluene	14.957	165	878196	47.822	ng	95
58) Fluorene	15.633	166	2801410	44.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.210	232	767100	49.220	ng	98
60) Diethylphthalate	15.404	149	2951113	48.061	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	1394486	45.152	ng	99
62) 4-Nitroaniline	15.663	138	692270	41.917	ng	96
63) Azobenzene	15.916	77	2989302	46.009	ng	98
65) 4,6-Dinitro-2-methylph...	15.716	198	520315	48.143	ng	97
66) n-Nitrosodiphenylamine	15.839	169	2437881	43.988	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	839866	47.298	ng	97
68) Hexachlorobenzene	16.633	284	935418	47.123	ng	100
69) Atrazine	16.798	200	810838	53.562	ng	97
70) Pentachlorophenol	16.980	266	1213597	83.123	ng	100
71) Phenanthrene	17.374	178	4129043	42.794	ng	100
72) Anthracene	17.463	178	4242991	44.096	ng	100
73) Carbazole	17.739	167	3836550	43.688	ng	99
74) Di-n-butylphthalate	18.298	149	4935475	46.151	ng	99
75) Fluoranthene	19.386	202	4322489	42.429	ng	99
77) Benzidine	19.574	184	2389848	83.226	ng	98
78) Pyrene	19.751	202	4508137	49.926	ng	100
80) Butylbenzylphthalate	20.645	149	1988089	51.519	ng	96
81) Benzo(a)anthracene	21.492	228	3925667	45.343	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1063445	39.966	ng	99
83) Chrysene	21.551	228	3613225	42.910	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	2829129	50.810	ng	99
85) Di-n-octyl phthalate	22.345	149	4506723	48.847	ng	98
87) Indeno(1,2,3-cd)pyrene	26.456	276	3577662	42.927	ng	100
88) Benzo(b)fluoranthene	23.192	252	3342093	47.762	ng	99
89) Benzo(k)fluoranthene	23.244	252	3354242	46.061	ng	99
90) Benzo(a)pyrene	23.821	252	2886247	42.858	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	3003413	42.553	ng	100
92) Benzo(g,h,i)perylene	27.227	276	2914874	42.212	ng	99

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

Manual Integrations

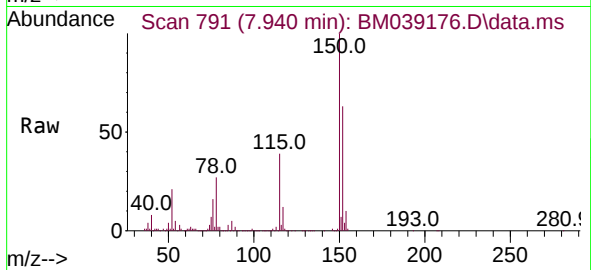
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

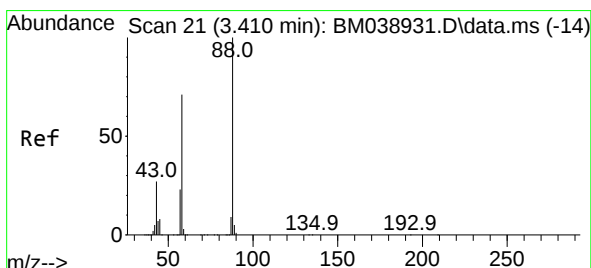
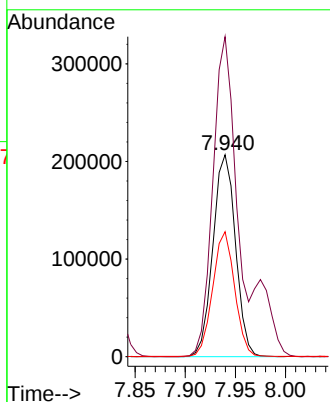
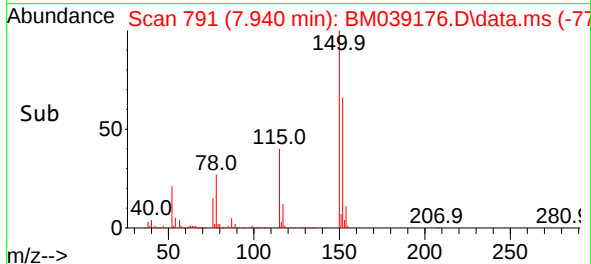
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion:152 Resp: 323962
Ion Ratio Lower Upper
152 100
150 158.6 125.1 187.7
115 61.8 49.6 74.4

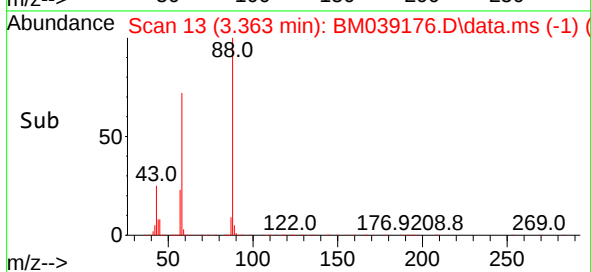
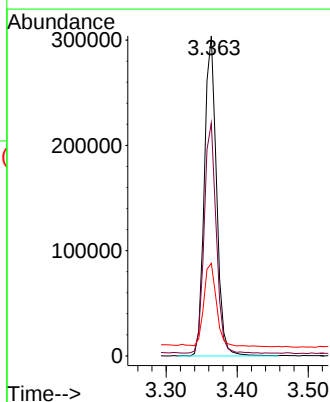
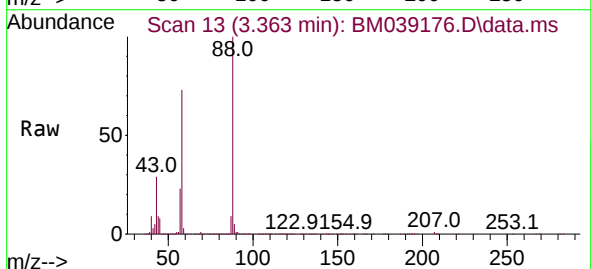
Manual Integrations
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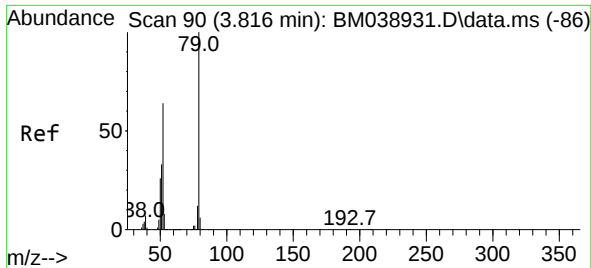
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#2
1,4-Dioxane
Concen: 37.805 ng
RT: 3.363 min Scan# 13
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

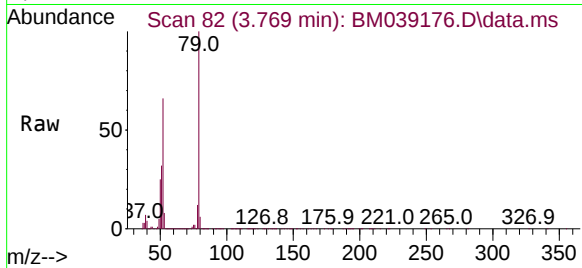
Tgt Ion: 88 Resp: 358635
Ion Ratio Lower Upper
88 100
58 71.5 57.2 85.8
43 27.2 22.0 33.0





#3
 Pyridine
 Concen: 35.680 ng
 RT: 3.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM039176.D
 Acq: 28 Mar 2023 12:58

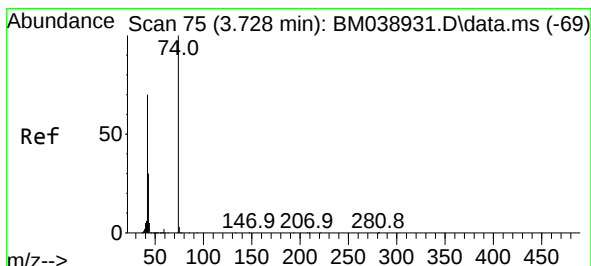
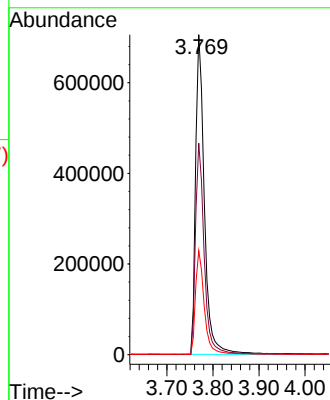
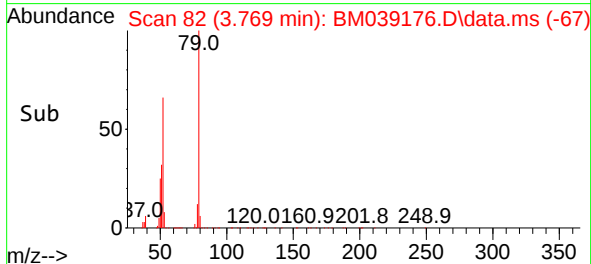
Instrument :
 BNA_M
 ClientSampleId :
 PB151576BS



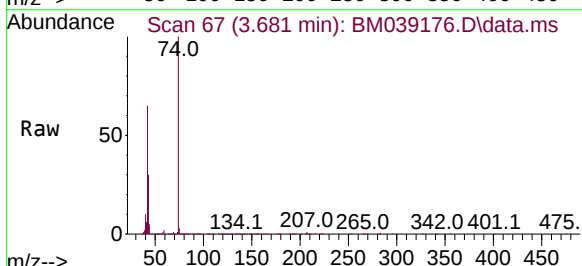
Tgt Ion: 79 Resp: 938722
 Ion Ratio Lower Upper
 79 100
 52 66.1 51.4 77.2
 51 32.5 26.6 40.0

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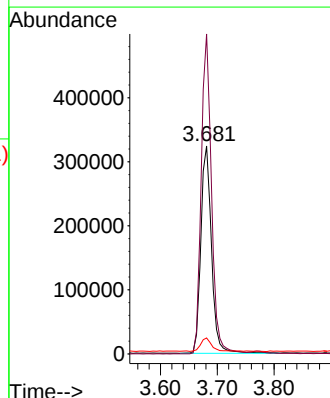
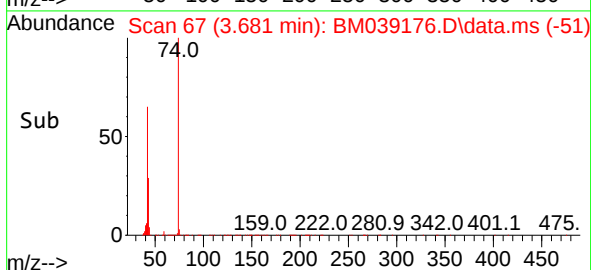
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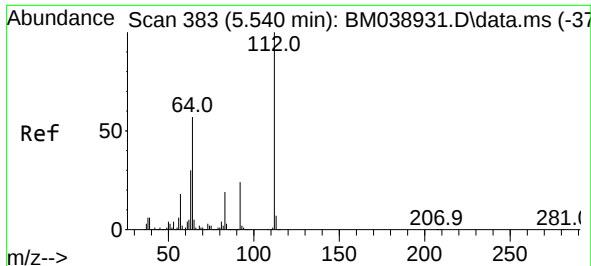


#4
 n-Nitrosodimethylamine
 Concen: 39.187 ng
 RT: 3.681 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BM039176.D
 Acq: 28 Mar 2023 12:58



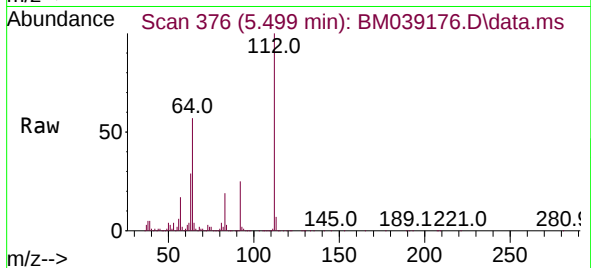
Tgt Ion: 42 Resp: 419535
 Ion Ratio Lower Upper
 42 100
 74 153.9 113.8 170.8
 44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 121.666 ng
RT: 5.499 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

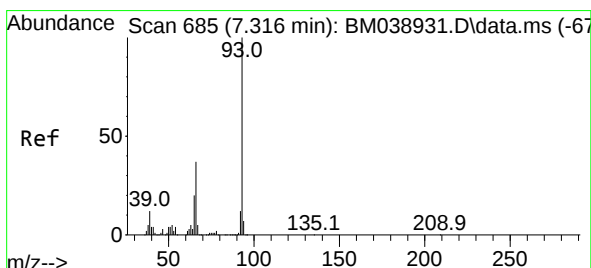
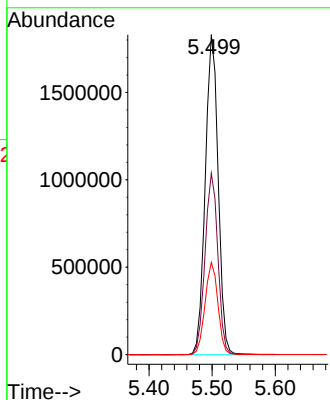
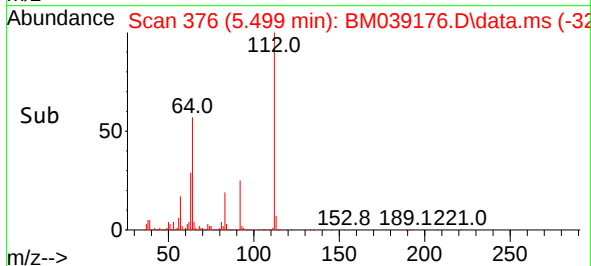
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:112 Resp: 259435
Ion Ratio Lower Upper
112 100
64 56.7 45.9 68.9
63 28.8 23.8 35.8

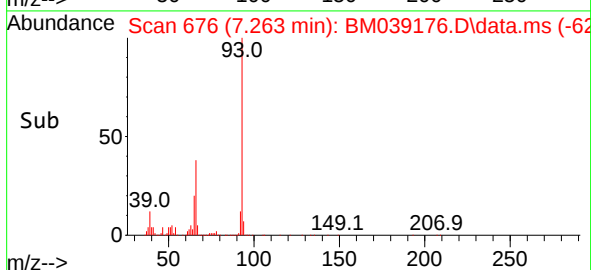
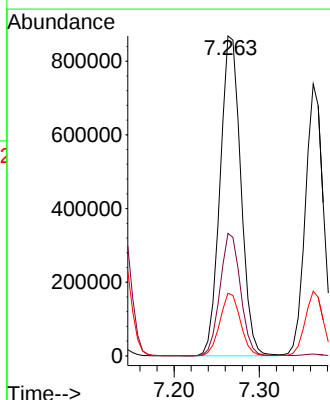
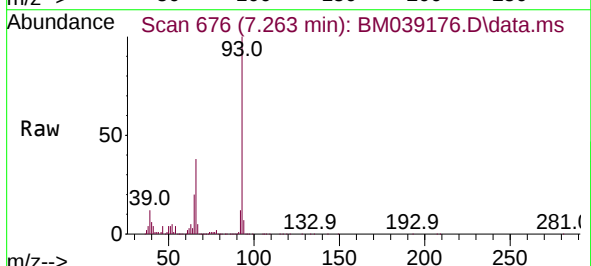
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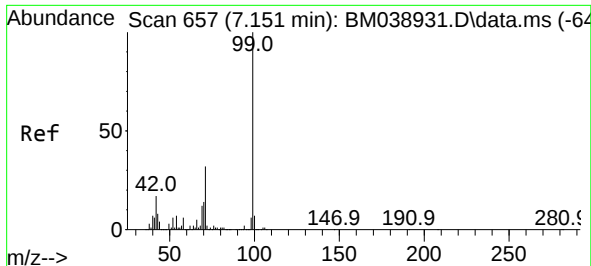
Reviewed By :Christian Giraldo 03/29/2023
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#6
Aniline
Concen: 40.333 ng
RT: 7.263 min Scan# 676
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

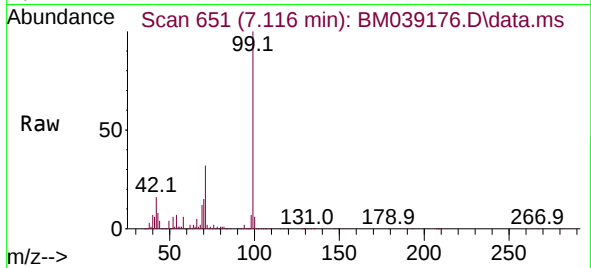
Tgt Ion: 93 Resp: 1466787
Ion Ratio Lower Upper
93 100
66 38.3 30.0 45.0
65 19.6 15.8 23.6





#7
Phenol-d6
Concen: 123.433 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

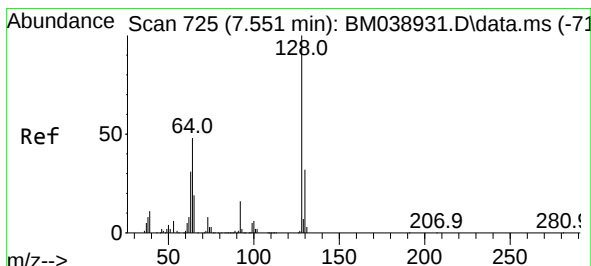
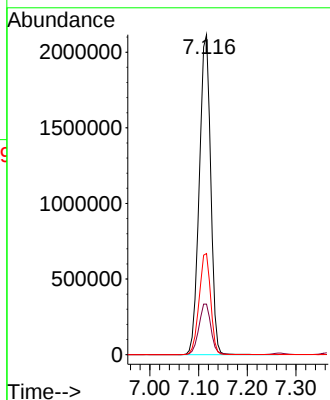
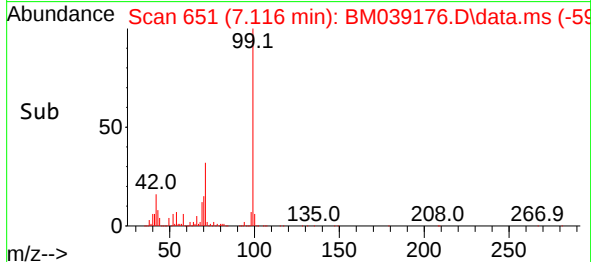
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Tgt Ion: 99 Resp: 3418743
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 31.6 25.6 38.4

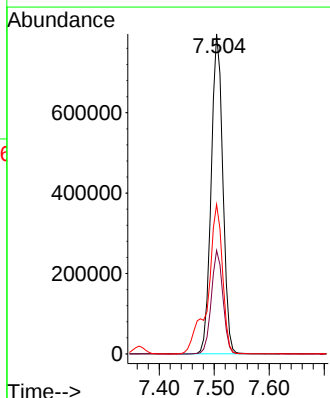
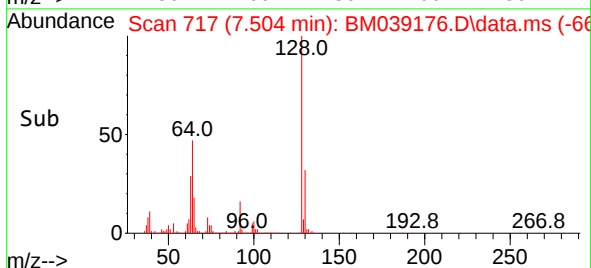
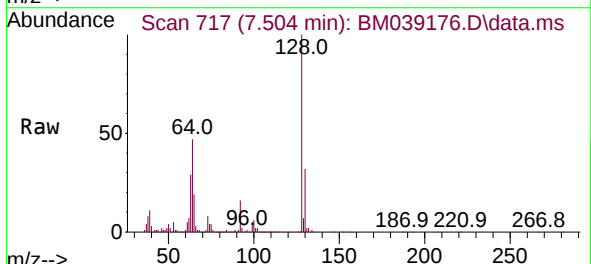
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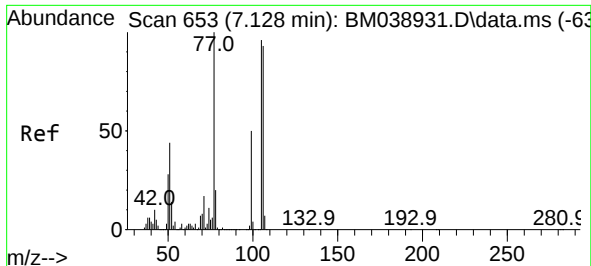
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#8
2-Chlorophenol
Concen: 51.380 ng
RT: 7.504 min Scan# 717
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

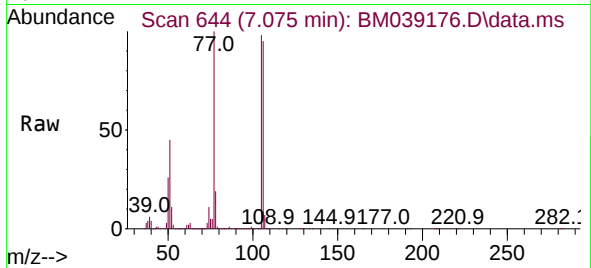
Tgt Ion:128 Resp: 1166414
Ion Ratio Lower Upper
128 100
130 32.3 11.9 51.9
64 46.7 28.6 68.6





#9
Benzaldehyde
Concen: 51.011 ng
RT: 7.075 min Scan# 644
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

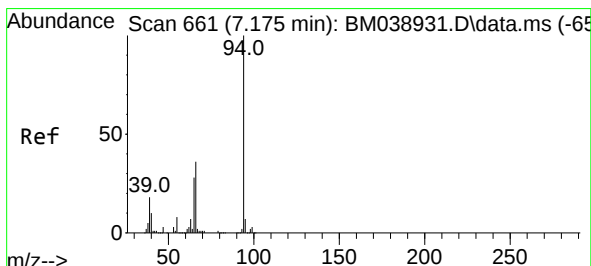
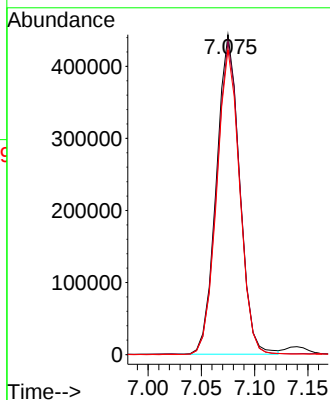
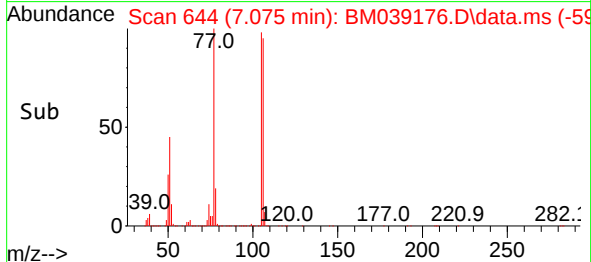
Instrument :
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Tgt Ion: 77 Resp: 672321
Ion Ratio Lower Upper
77 100
105 97.7 75.8 115.8
106 95.2 72.6 112.6

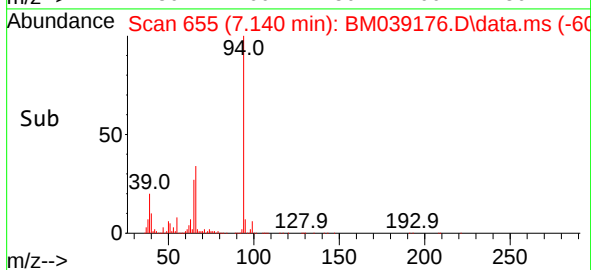
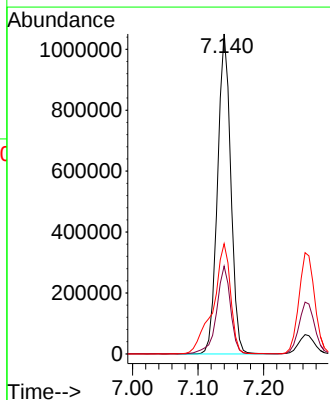
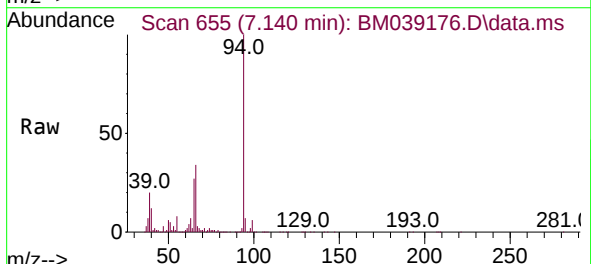
Manual Integrations
APPROVED

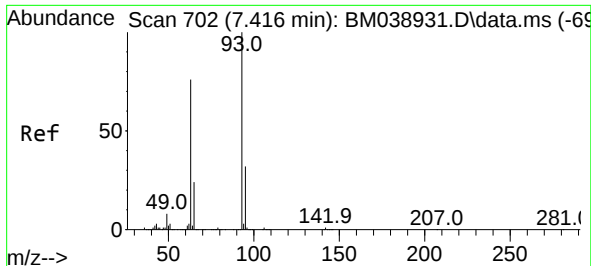
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#10
Phenol
Concen: 50.154 ng
RT: 7.140 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

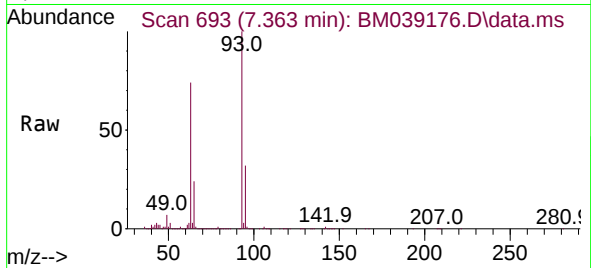
Tgt Ion: 94 Resp: 1475166
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 34.4 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 44.991 ng
RT: 7.363 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

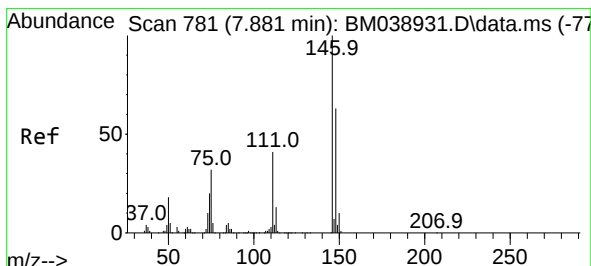
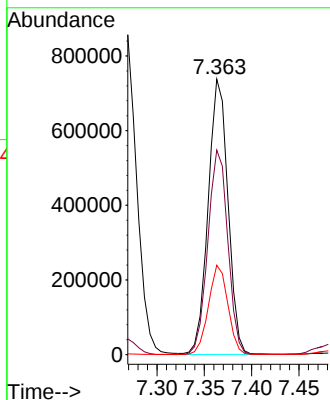
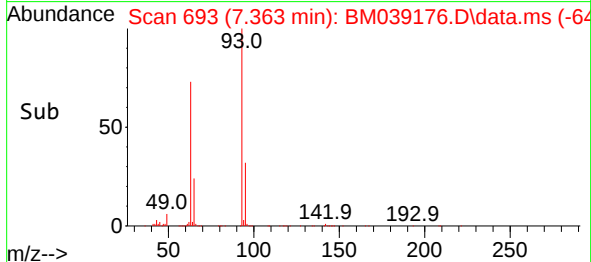
Instrument :
BNA_M
ClientSampleId :
PB151576BS



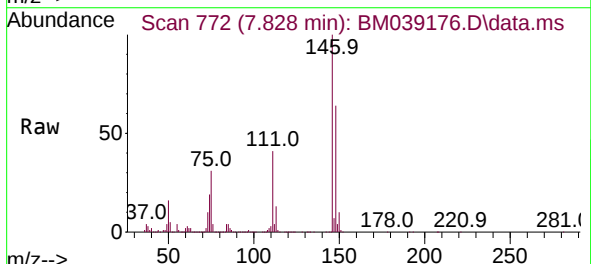
Tgt Ion: 93 Resp: 107589
Ion Ratio Lower Upper
93 100
63 74.2 55.8 95.8
95 32.5 12.2 52.2

Manual Integrations
APPROVED

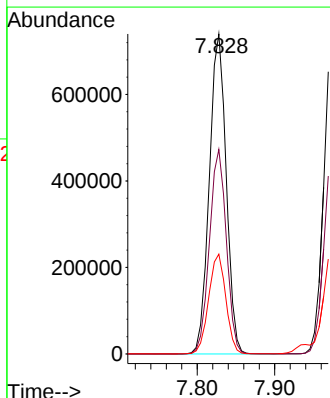
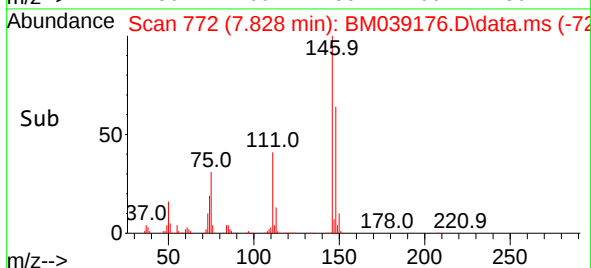
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

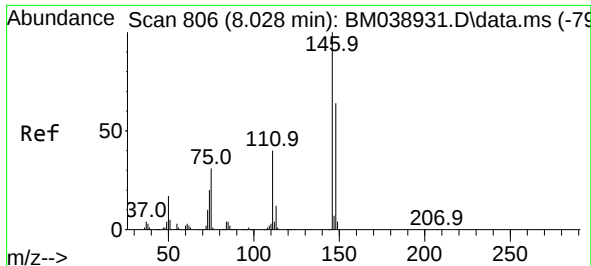


#12
1,3-Dichlorobenzene
Concen: 46.373 ng
RT: 7.828 min Scan# 772
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



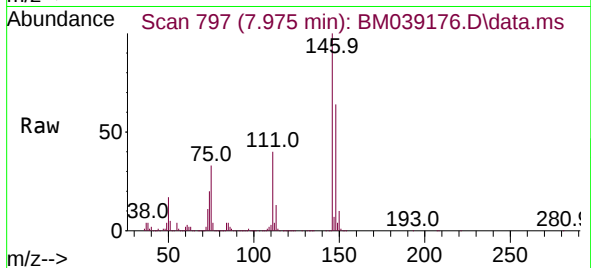
Tgt Ion:146 Resp: 1118784
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 31.2 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 46.828 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

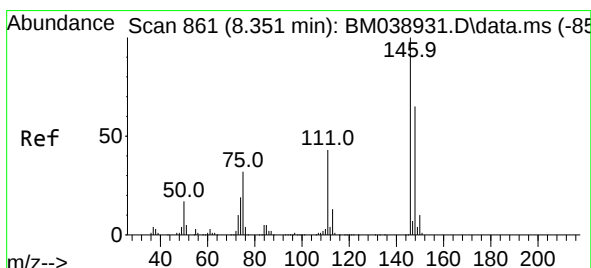
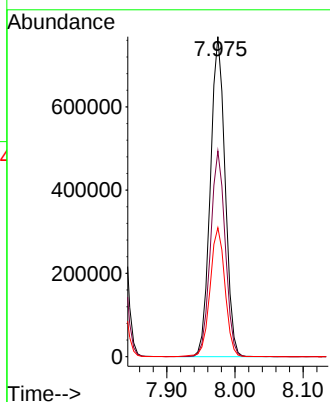
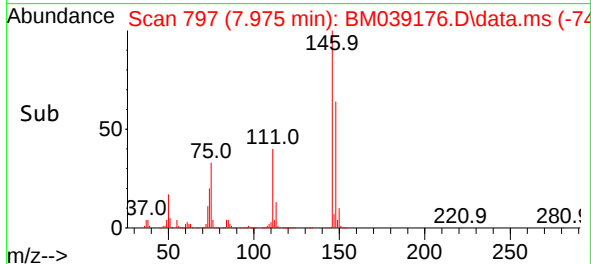
Instrument :
BNA_M
ClientSampleId :
PB151576BS



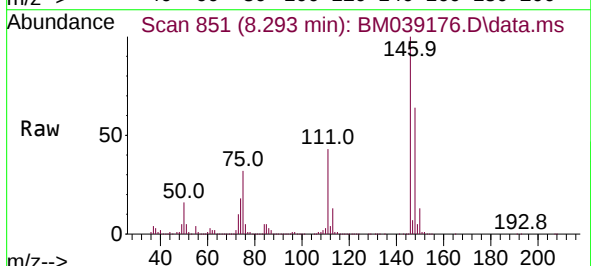
Tgt Ion:146 Resp: 114899
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 40.3 32.2 48.4

Manual Integrations
APPROVED

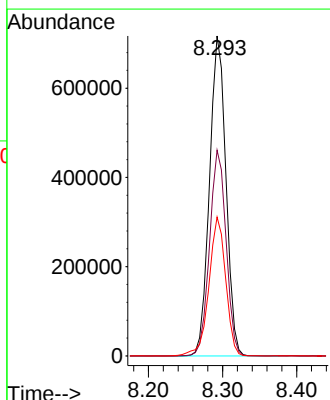
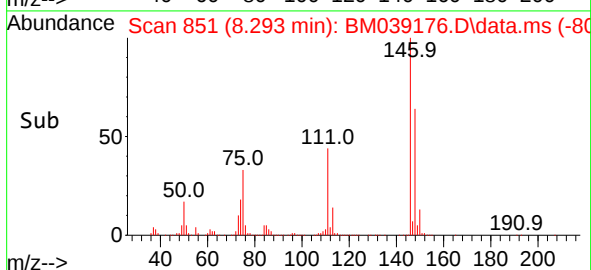
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

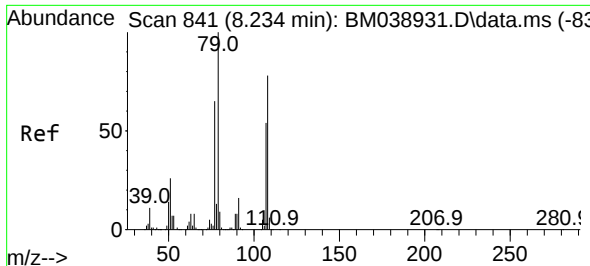


#14
1,2-Dichlorobenzene
Concen: 46.696 ng
RT: 8.293 min Scan# 851
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



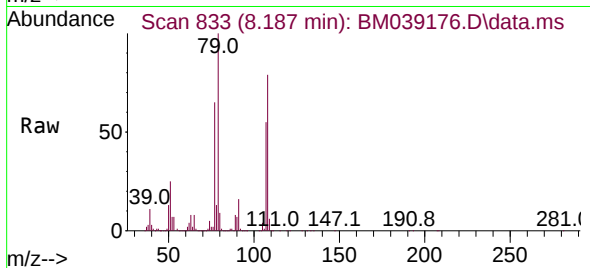
Tgt Ion:146 Resp: 1103644
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 43.4 34.2 51.4





#15
Benzyl Alcohol
Concen: 50.583 ng
RT: 8.187 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

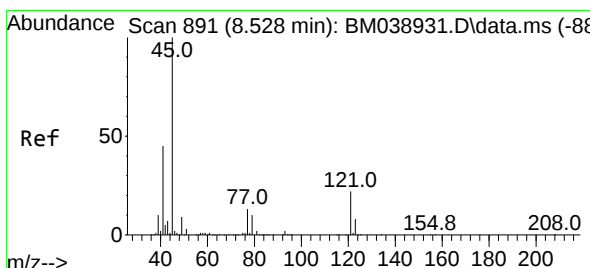
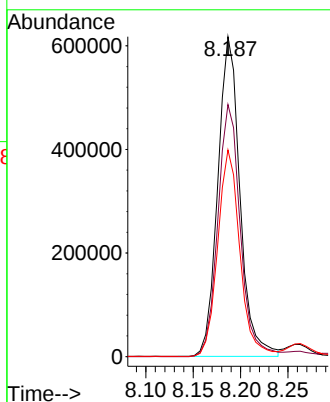
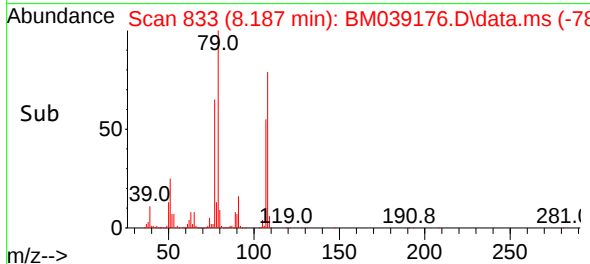
Instrument :
BNA_M
ClientSampleId :
PB151576BS



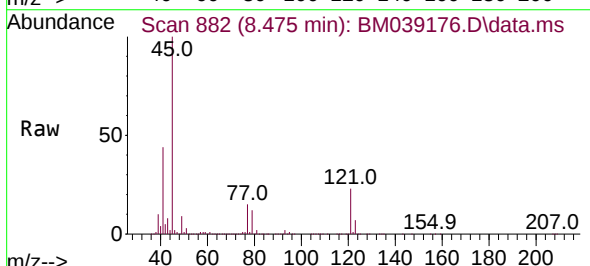
Tgt Ion: 79 Resp: 1004172
Ion Ratio Lower Upper
79 100
108 78.8 62.4 93.6
77 64.6 52.2 78.4

Manual Integrations
APPROVED

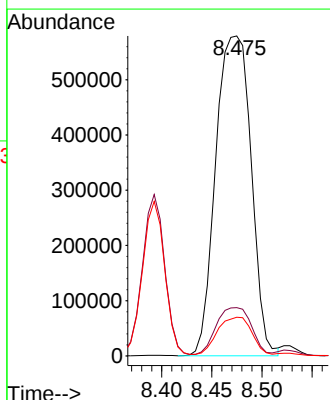
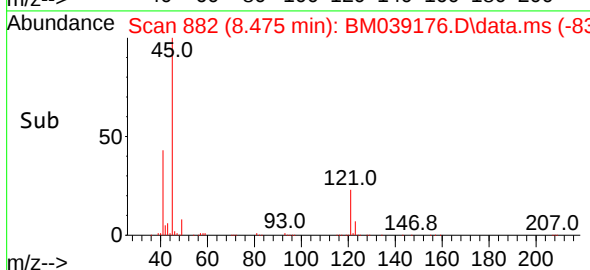
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

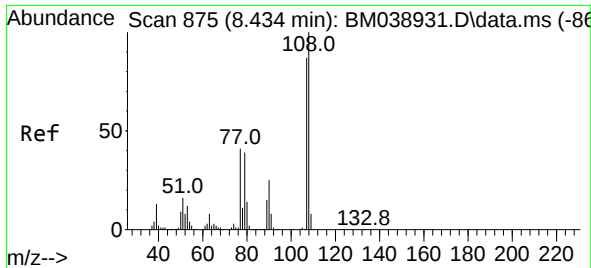


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.142 ng
RT: 8.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



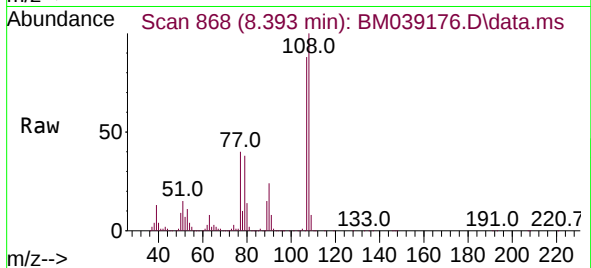
Tgt Ion: 45 Resp: 1423748
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 12.1 0.0 31.5





#17
2-Methylphenol
Concen: 49.342 ng
RT: 8.393 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :
BNA_M
ClientSampleId :
PB151576BS

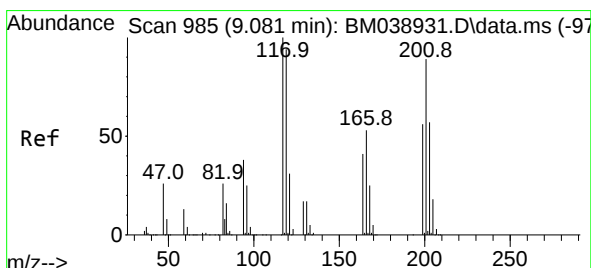
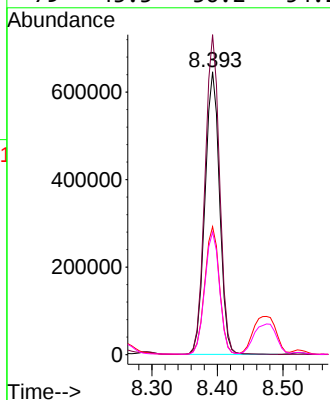
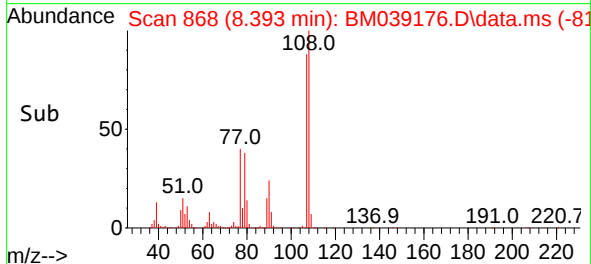


Tgt Ion:107 Resp: 996949

Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	45.2	37.4	56.2
79	43.3	36.2	54.2

Manual Integrations
APPROVED

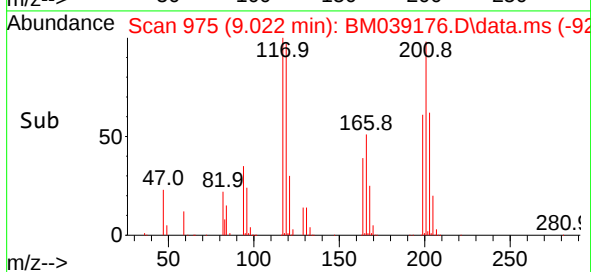
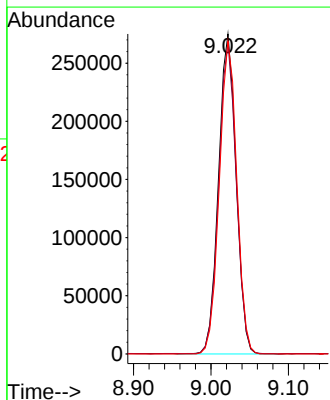
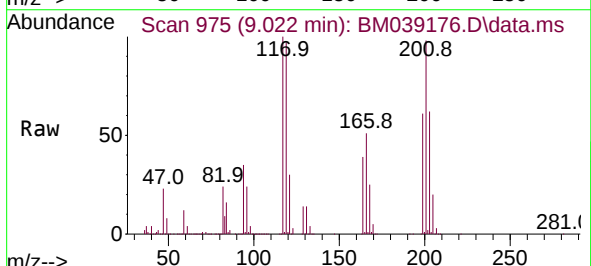
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

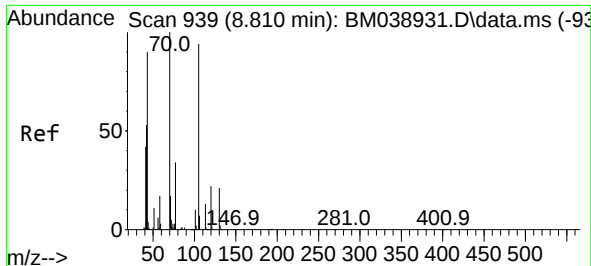


#18
Hexachloroethane
Concen: 48.108 ng
RT: 9.022 min Scan# 975
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:117 Resp: 435518

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.4	113.0
201	97.7	71.3	106.9





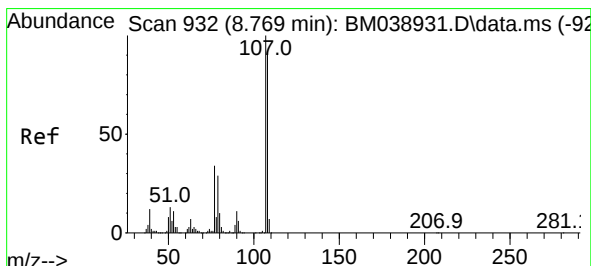
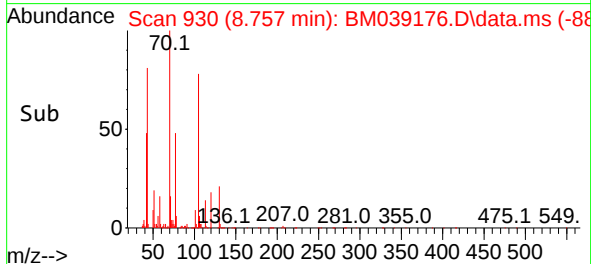
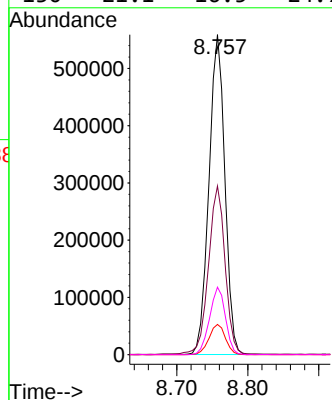
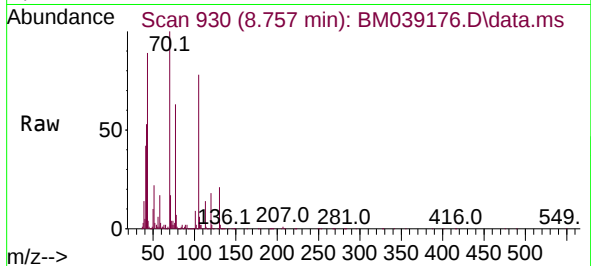
#19
n-Nitroso-di-n-propylamine
Concen: 49.797 ng
RT: 8.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :
BNA_M
ClientSampleId :
PB151576BS

Tgt Ion: 70 Resp: 868729
Ion Ratio Lower Upper
70 100
42 52.7 43.4 65.2
101 9.4 7.6 11.4
130 21.1 16.5 24.7

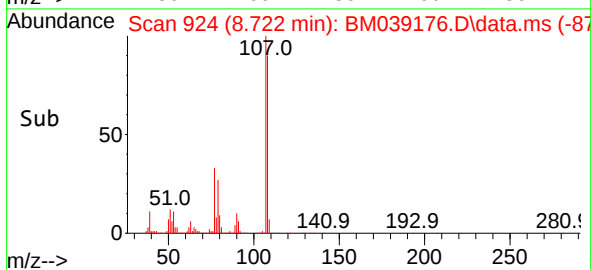
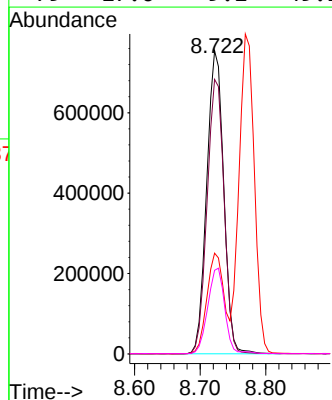
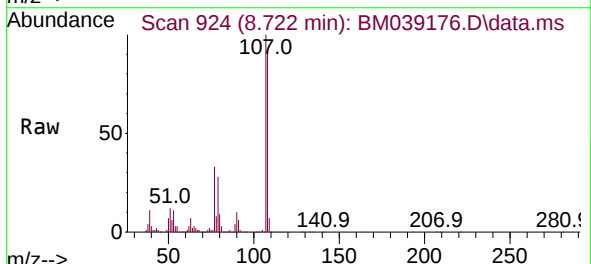
Manual Integrations
APPROVED

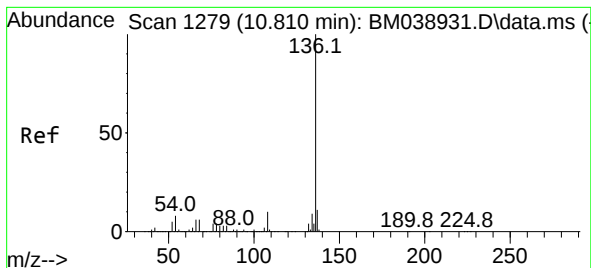
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#20
3+4-Methylphenols
Concen: 50.174 ng
RT: 8.722 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:107 Resp: 1353622
Ion Ratio Lower Upper
107 100
108 90.5 71.8 111.8
77 33.2 13.6 53.6
79 27.6 9.2 49.2





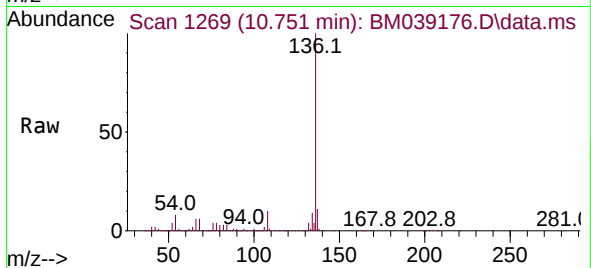
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

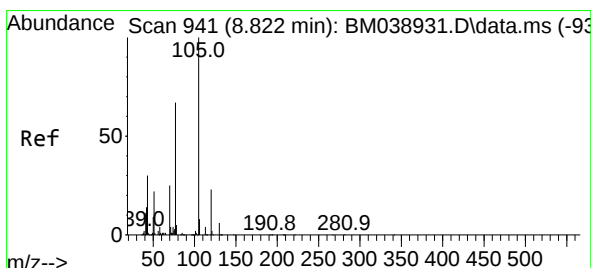
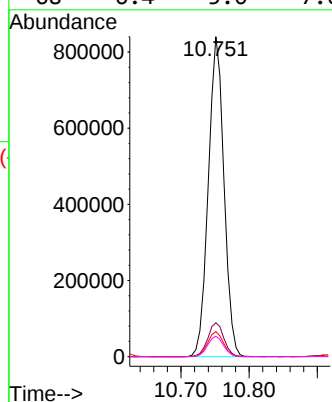
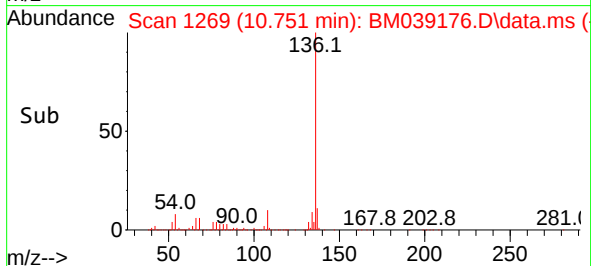


Tgt Ion:136 Resp: 1337623
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.8 6.3 9.5
68 6.4 5.0 7.6

Manual Integrations

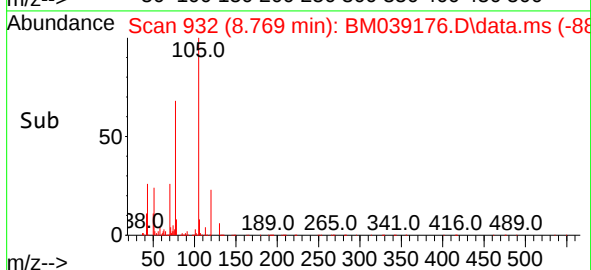
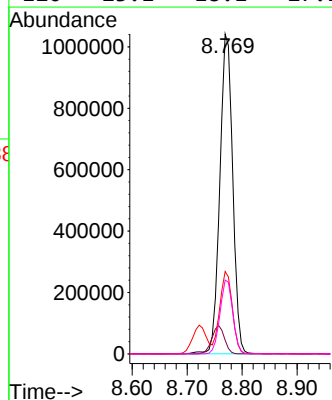
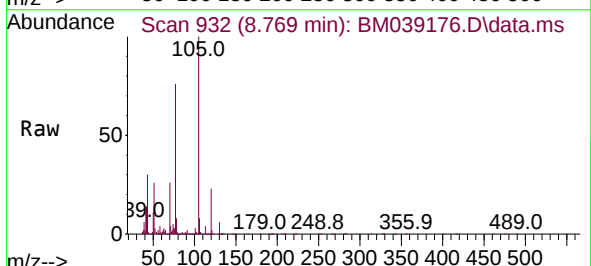
APPROVED

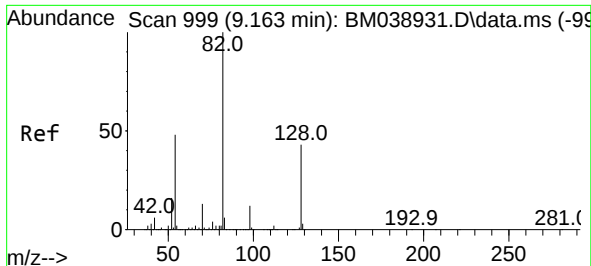
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#22
Acetophenone
Concen: 45.076 ng
RT: 8.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:105 Resp: 1691655
Ion Ratio Lower Upper
105 100
71 4.3 3.4 5.0
51 25.7 21.0 31.4
120 23.1 18.1 27.1





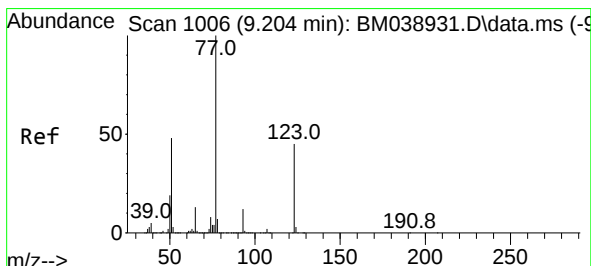
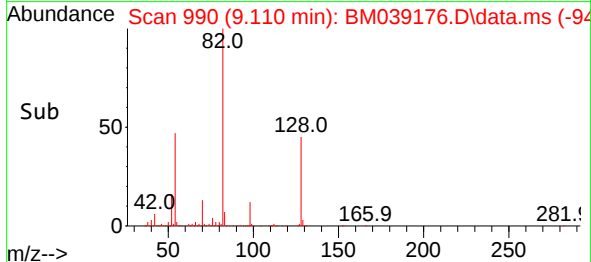
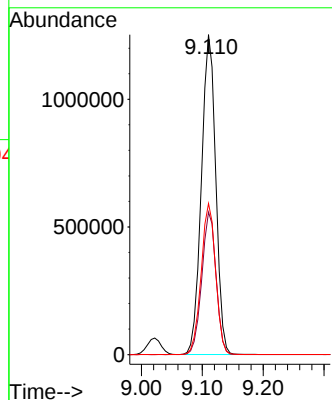
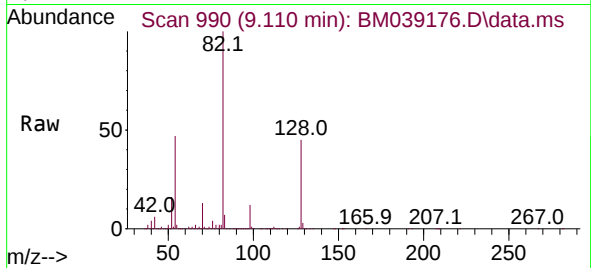
#23
Nitrobenzene-d5
Concen: 75.137 ng
RT: 9.110 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :
BNA_M
ClientSampleId :
PB151576BS

Tgt Ion: 82 Resp: 2046075
Ion Ratio Lower Upper
82 100
128 44.5 34.4 51.6
54 47.3 38.8 58.2

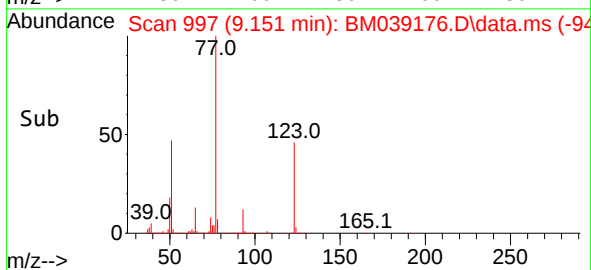
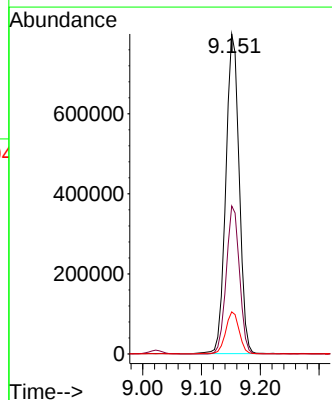
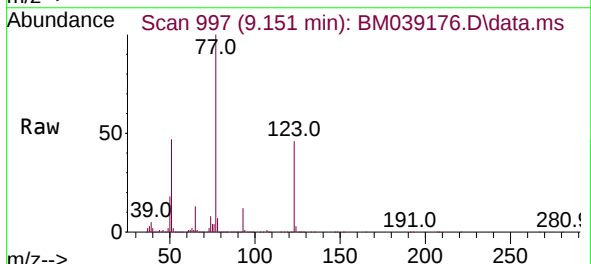
Manual Integrations
APPROVED

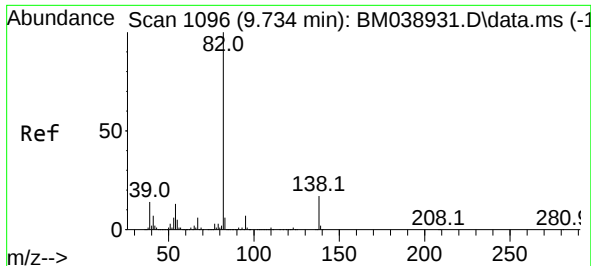
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#24
Nitrobenzene
Concen: 44.046 ng
RT: 9.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

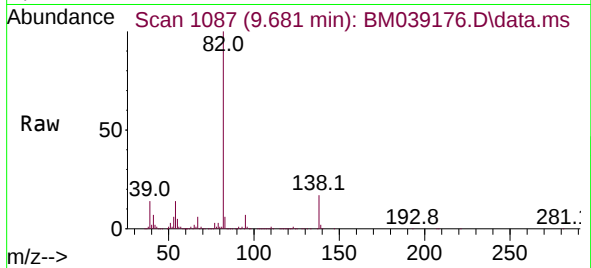
Tgt Ion: 77 Resp: 1260677
Ion Ratio Lower Upper
77 100
123 46.2 35.8 53.6
65 13.1 10.2 15.4





#25
Isophorone
Concen: 47.733 ng
RT: 9.681 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

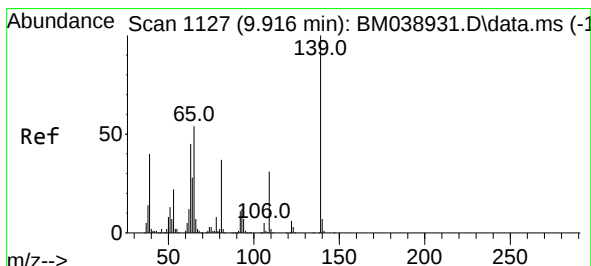
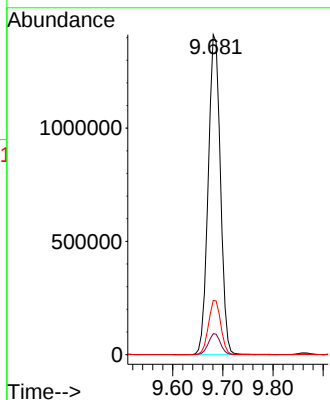
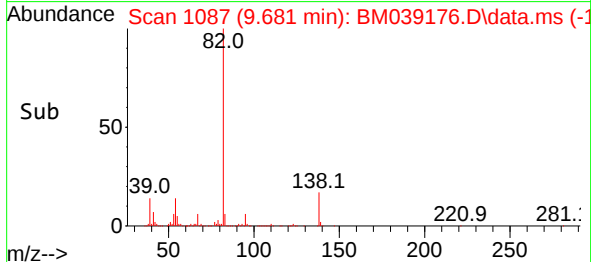
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion: 82 Resp: 2391963
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.9 13.6 20.4

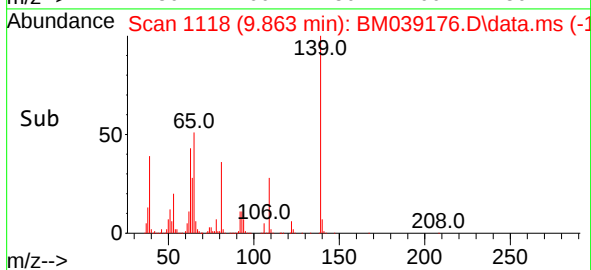
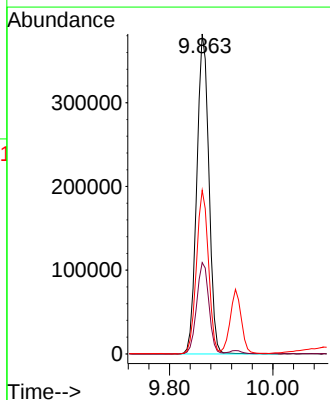
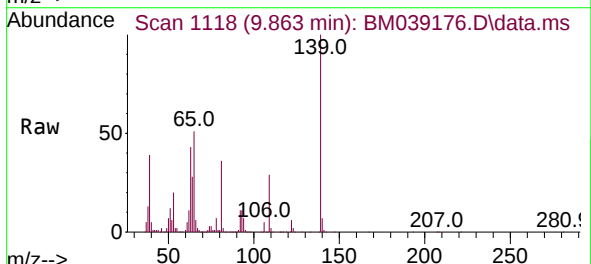
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#26
2-Nitrophenol
Concen: 49.034 ng
RT: 9.863 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

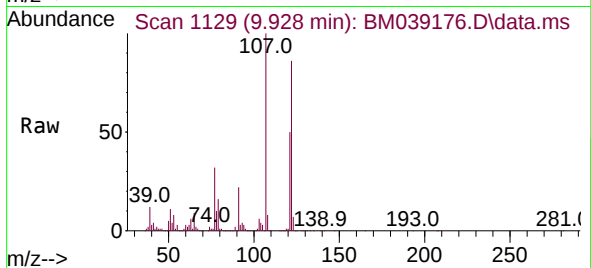
Tgt Ion:139 Resp: 620549
Ion Ratio Lower Upper
139 100
109 28.5 24.5 36.7
65 51.1 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 51.164 ng
RT: 9.928 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

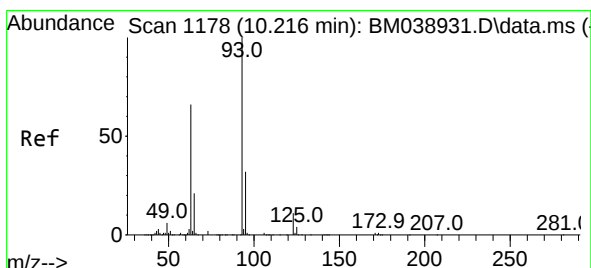
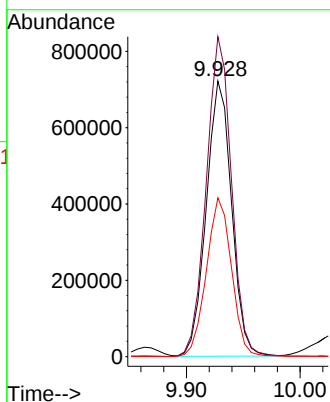
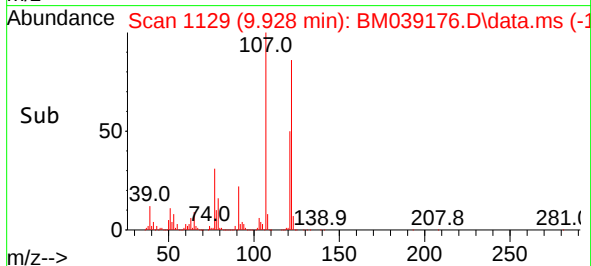
Instrument :
BNA_M
ClientSampleId :
PB151576BS



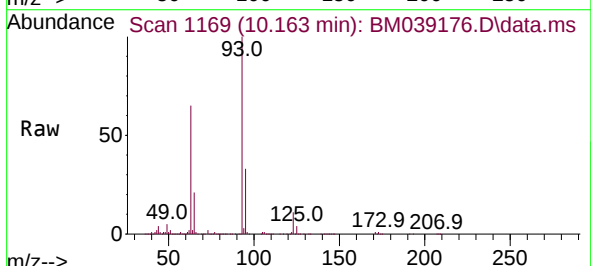
Tgt Ion:122 Resp: 111716
Ion Ratio Lower Upper
122 100
107 116.1 91.0 136.4
121 57.6 45.1 67.7

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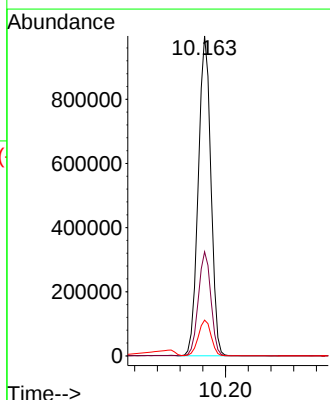
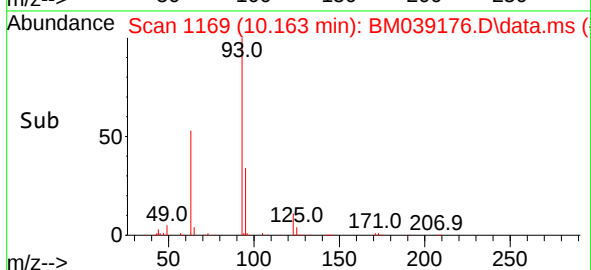
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

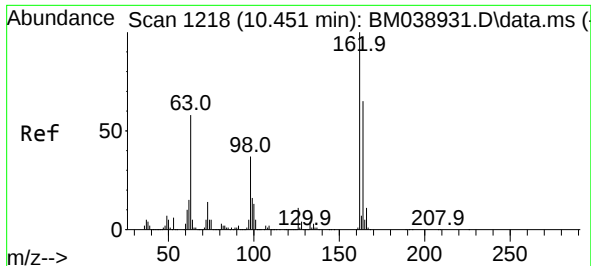


#28
bis(2-Chloroethoxy)methane
Concen: 47.296 ng
RT: 10.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



Tgt Ion: 93 Resp: 1522840
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.786 ng

RT: 10.404 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BM039176.D

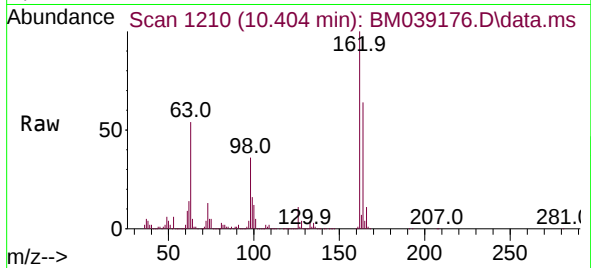
Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS



Tgt Ion:162 Resp: 1092729

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

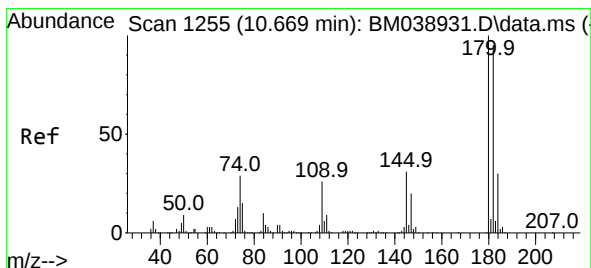
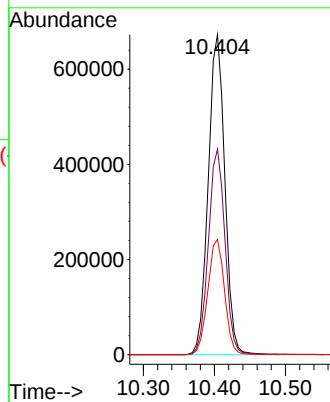
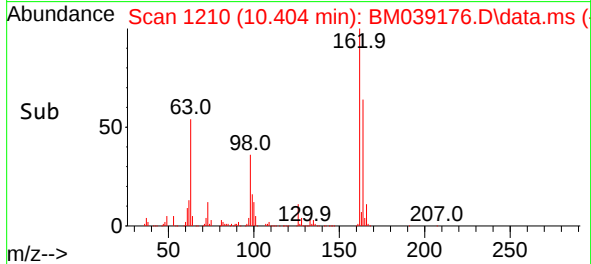
98 36.0 17.5 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.773 ng

RT: 10.616 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

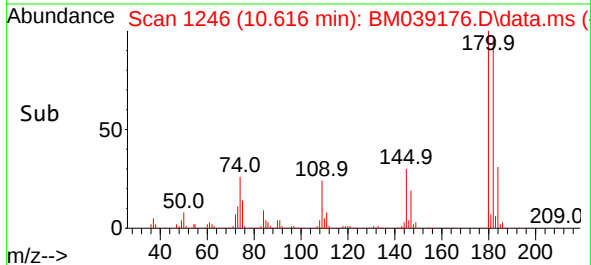
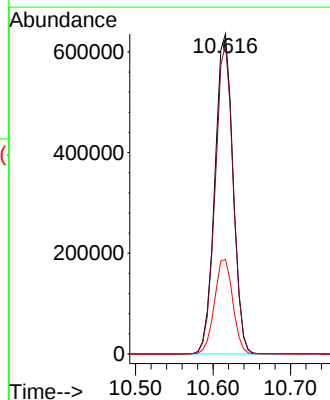
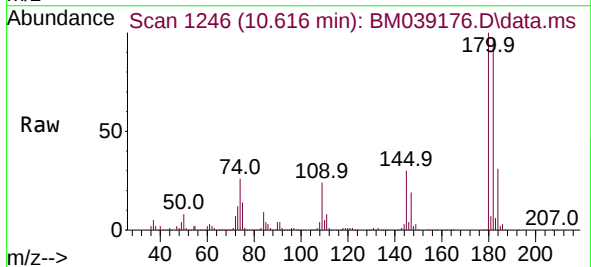
Tgt Ion:180 Resp: 1035448

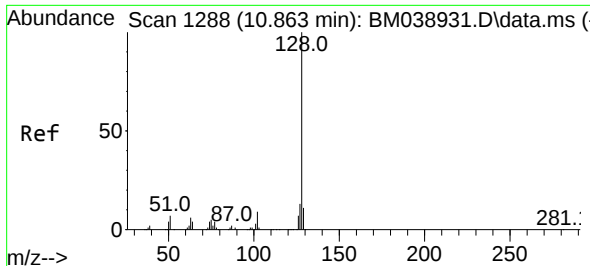
Ion Ratio Lower Upper

180 100

182 96.8 76.3 114.5

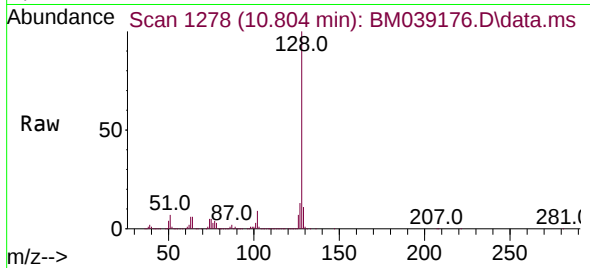
145 29.5 25.0 37.4





#31
Naphthalene
Concen: 43.549 ng
RT: 10.804 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

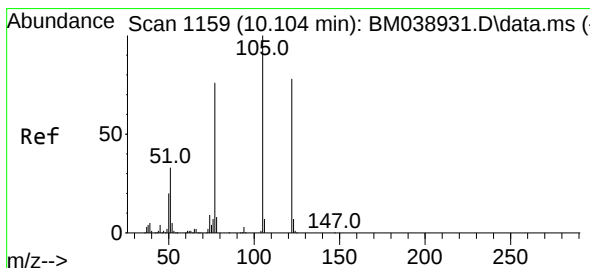
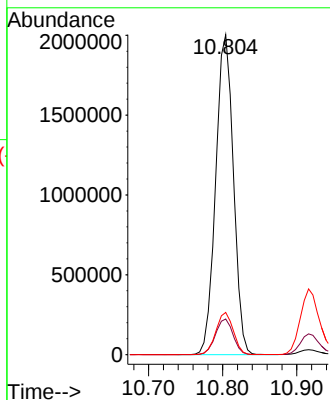
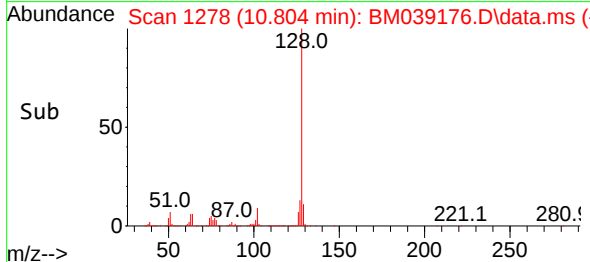
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion:128 Resp: 3321630
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.2 15.4

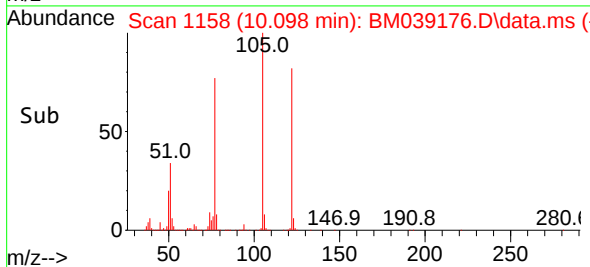
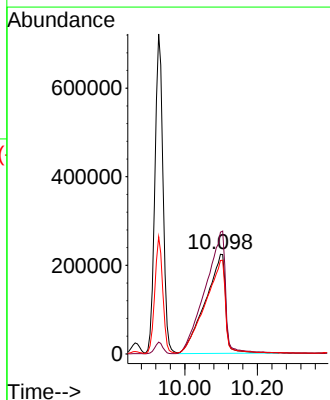
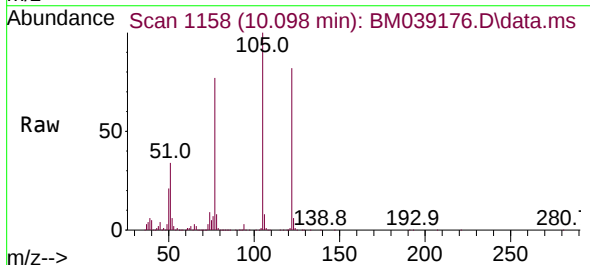
Manual Integrations
APPROVED

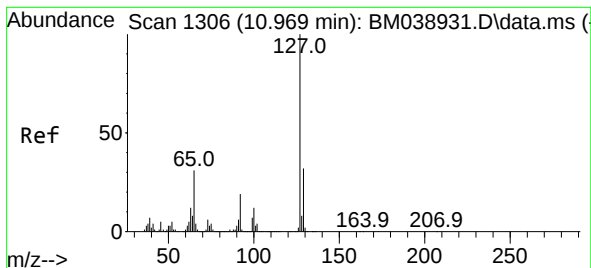
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#32
Benzoic acid
Concen: 53.272 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.024 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:122 Resp: 864888
Ion Ratio Lower Upper
122 100
105 122.3 104.2 144.2
77 93.7 75.1 115.1





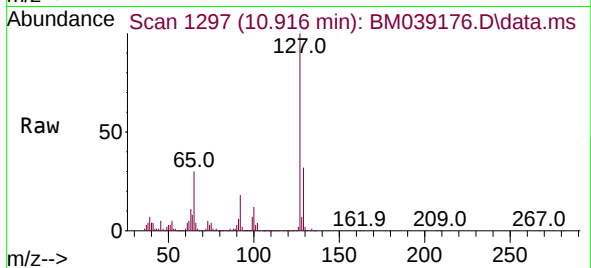
#33
4-Chloroaniline
Concen: 23.059 ng
RT: 10.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

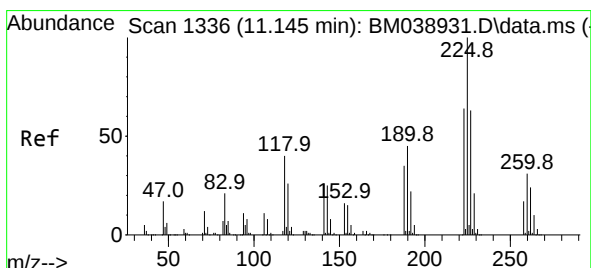
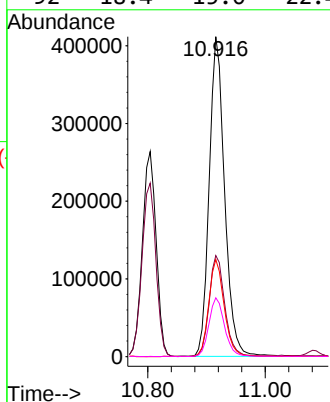
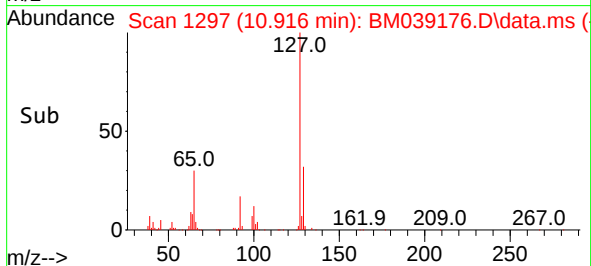


Tgt Ion:127 Resp: 749531
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2
65 30.3 24.4 36.6
92 18.4 15.0 22.4

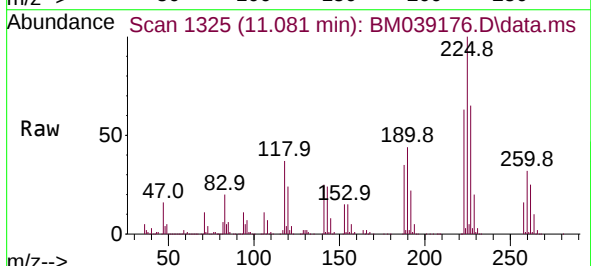
Manual Integrations

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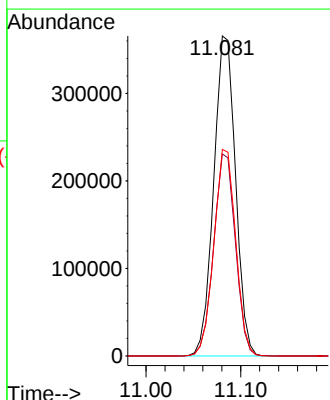
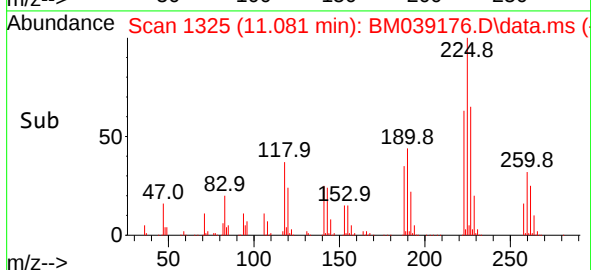
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

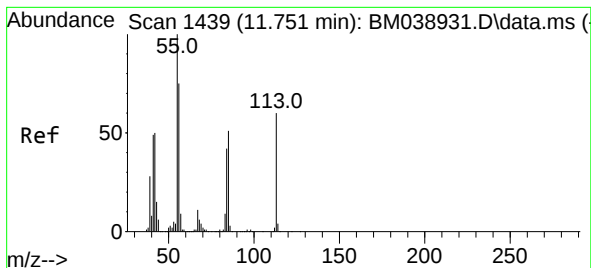


#34
Hexachlorobutadiene
Concen: 45.107 ng
RT: 11.081 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



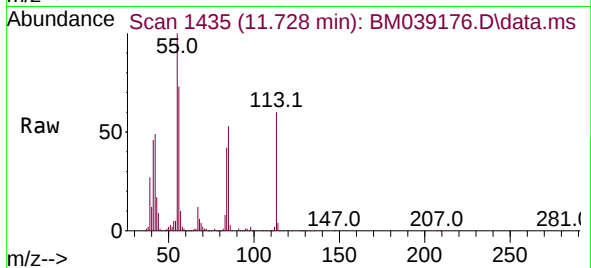
Tgt Ion:225 Resp: 585142
Ion Ratio Lower Upper
225 100
223 63.1 51.3 76.9
227 64.5 50.6 76.0





#35
Caprolactam
Concen: 54.880 ng m
RT: 11.728 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

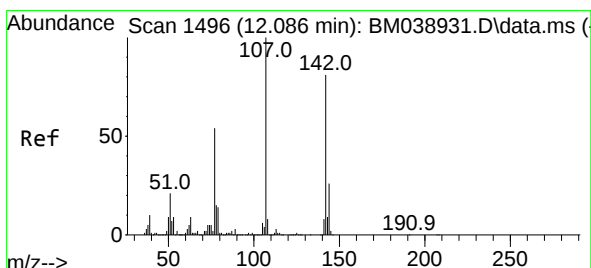
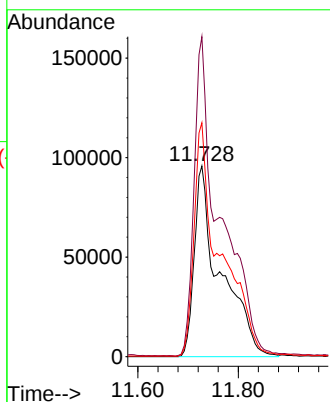
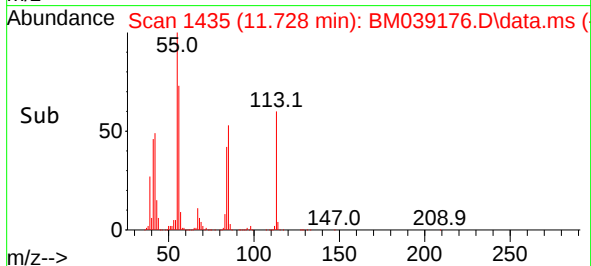
Instrument :
BNA_M
ClientSampleId :
PB151576BS



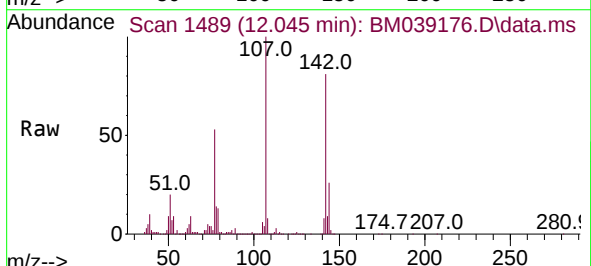
Tgt Ion:113 Resp: 345766
Ion Ratio Lower Upper
113 100
55 167.9 147.0 187.0
56 122.7 105.1 145.1

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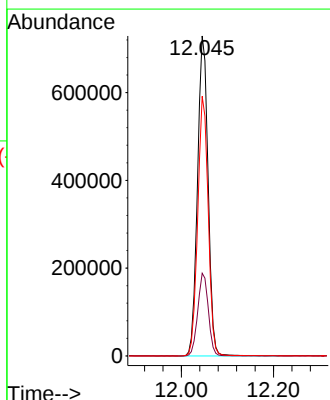
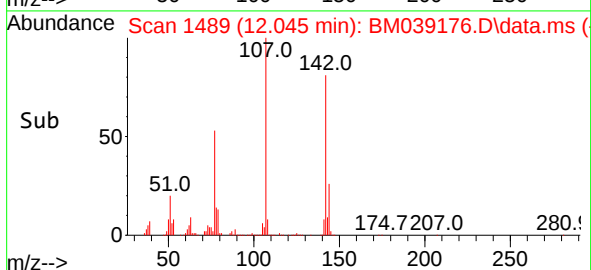
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

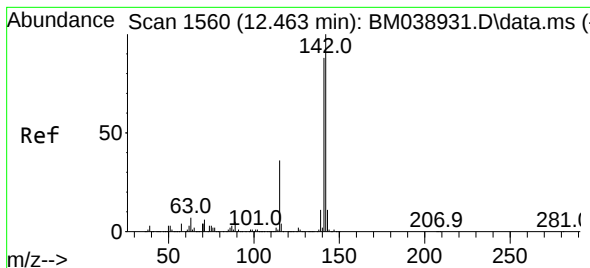


#36
4-Chloro-3-methylphenol
Concen: 52.434 ng
RT: 12.045 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



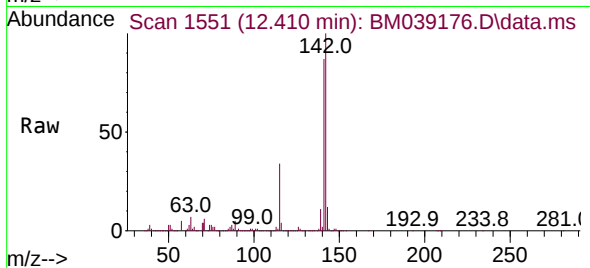
Tgt Ion:107 Resp: 1155811
Ion Ratio Lower Upper
107 100
144 25.8 20.7 31.1
142 81.1 64.6 97.0





#37
2-Methylnaphthalene
Concen: 44.721 ng
RT: 12.410 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

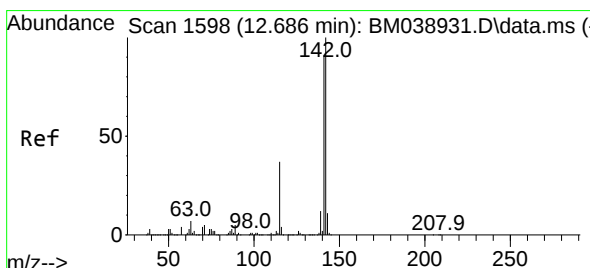
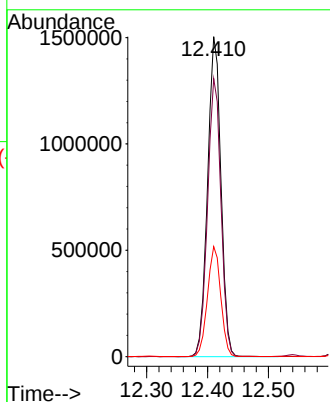
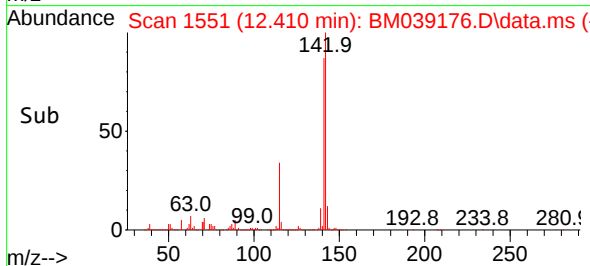
Instrument :
BNA_M
ClientSampleId :
PB151576BS



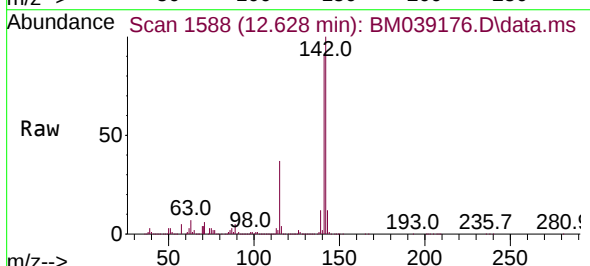
Tgt Ion:142 Resp: 2286236
Ion Ratio Lower Upper
142 100
141 86.9 70.6 106.0
115 34.4 28.5 42.7

Manual Integrations
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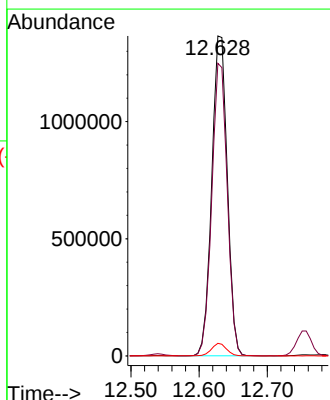
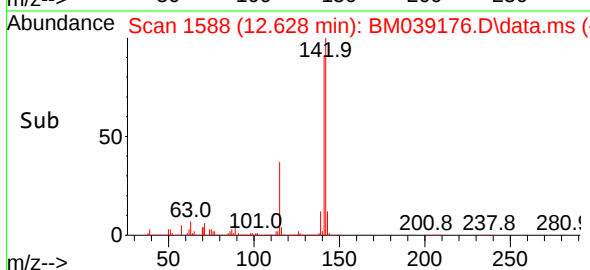
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

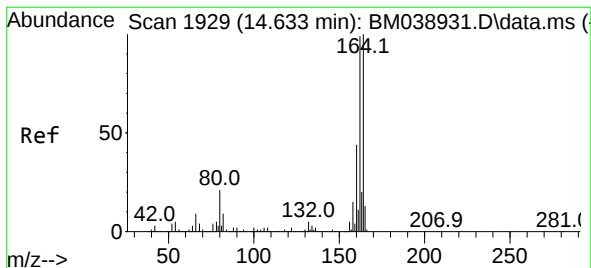


#38
1-Methylnaphthalene
Concen: 44.967 ng
RT: 12.628 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



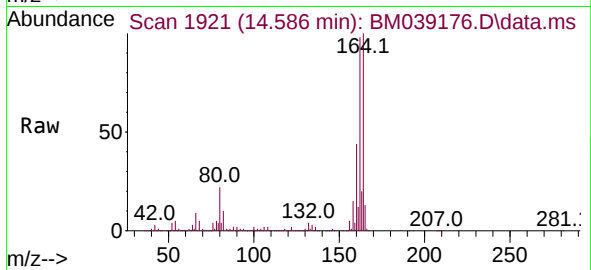
Tgt Ion:142 Resp: 2154327
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

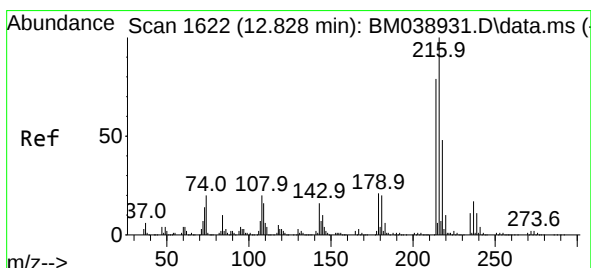
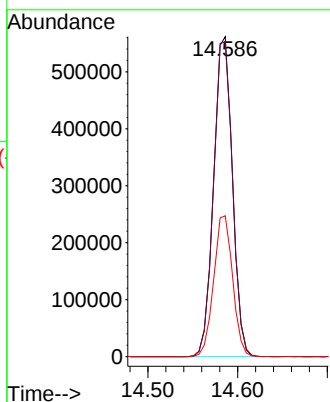
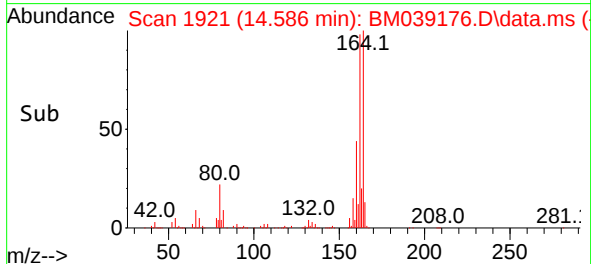
Instrument :
BNA_M
ClientSampleId :
PB151576BS



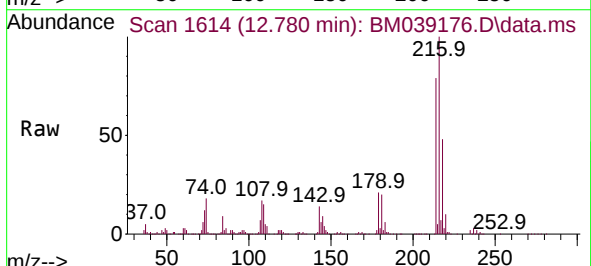
Tgt Ion:164 Resp: 820107
Ion Ratio Lower Upper
164 100
162 98.3 79.2 118.8
160 44.0 35.5 53.3

Manual Integrations
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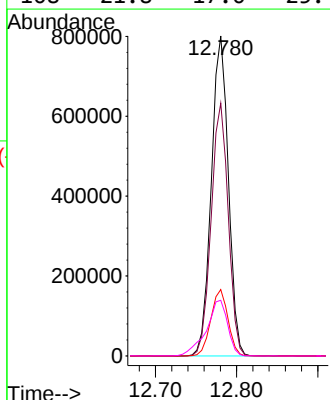
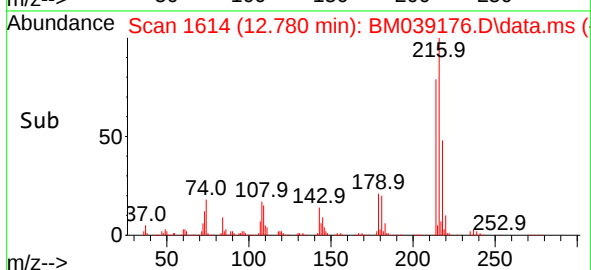
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

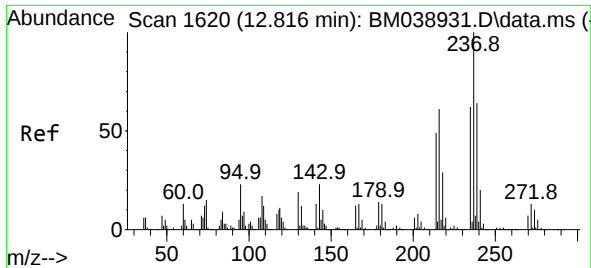


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.782 ng
RT: 12.780 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



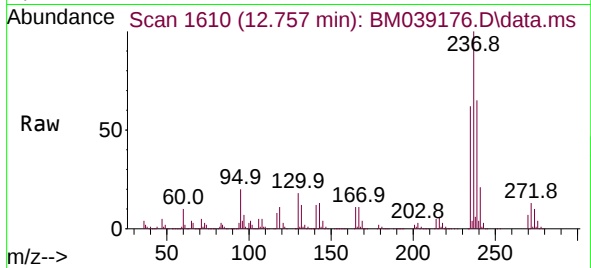
Tgt Ion:216 Resp: 1167280
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.4
179 20.9 16.8 25.2
108 21.8 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 90.338 ng
RT: 12.757 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

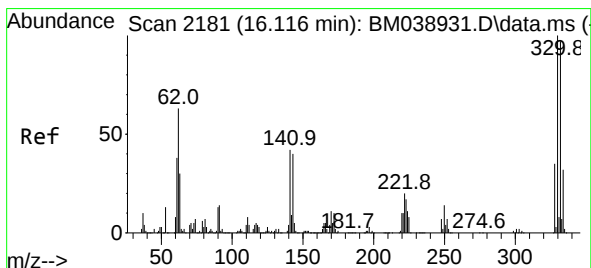
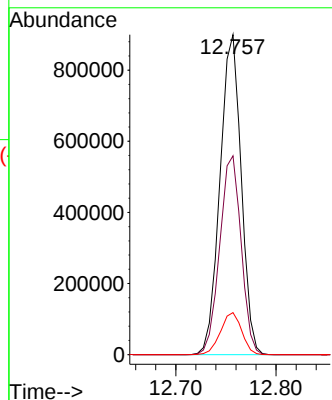
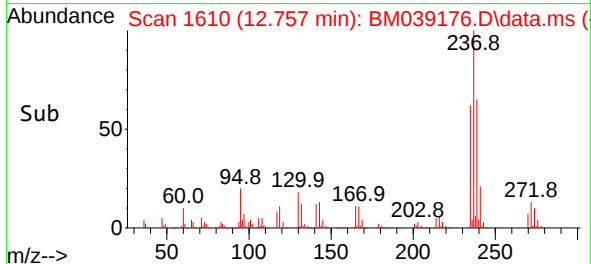
Instrument :
BNA_M
ClientSampleId :
PB151576BS



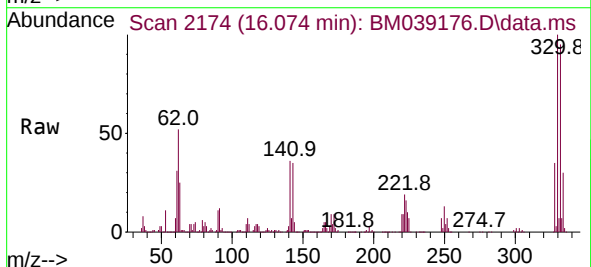
Tgt Ion:237 Resp: 1322059
Ion Ratio Lower Upper
237 100
235 62.1 41.7 81.7
272 13.1 0.0 33.2

Manual Integrations
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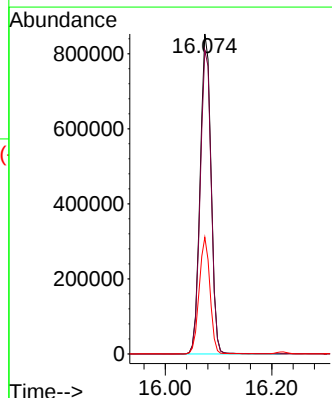
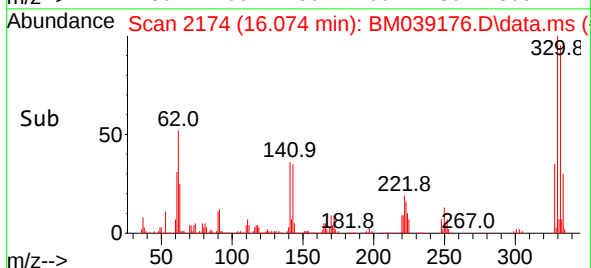
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

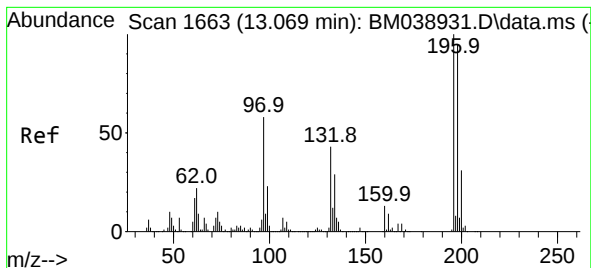


#42
2,4,6-Tribromophenol
Concen: 126.977 ng
RT: 16.074 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



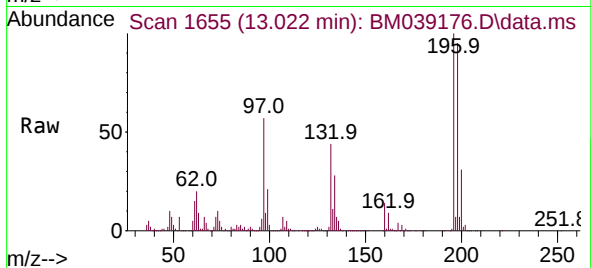
Tgt Ion:330 Resp: 1204673
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 36.2 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 49.126 ng
RT: 13.022 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

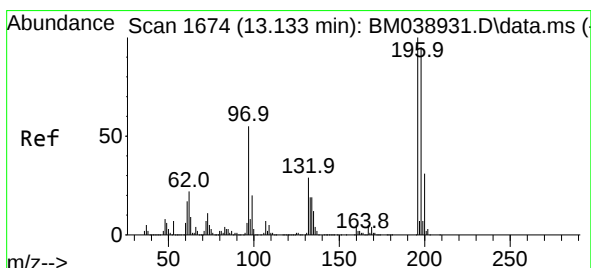
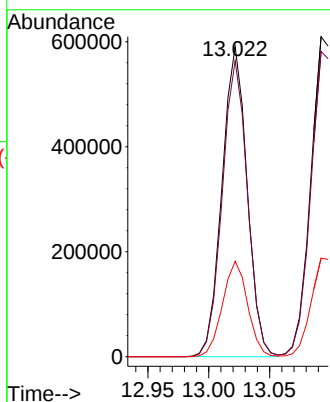
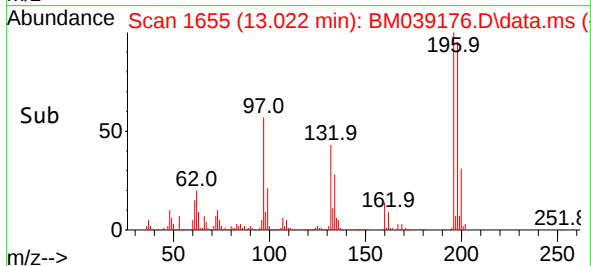
Instrument :
BNA_M
ClientSampleId :
PB151576BS



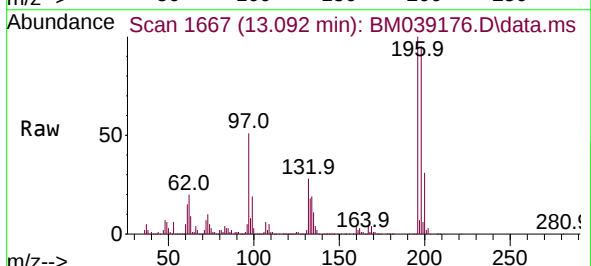
Tgt Ion:196 Resp: 84813
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.8
200 30.7 25.0 37.4

Manual Integrations
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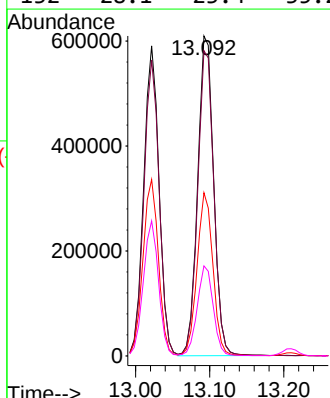
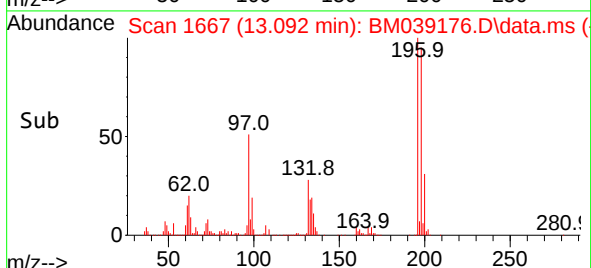
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

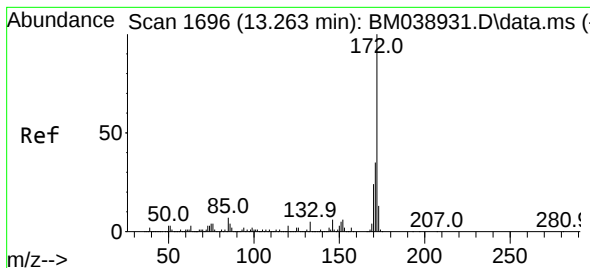


#44
2,4,5-Trichlorophenol
Concen: 45.337 ng
RT: 13.092 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



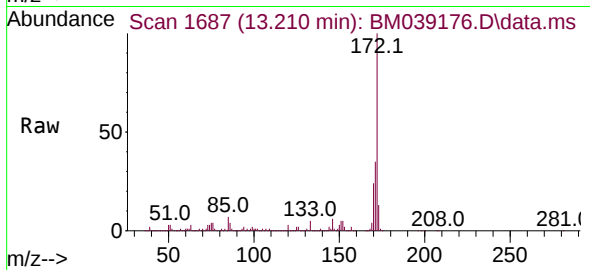
Tgt Ion:196 Resp: 916178
Ion Ratio Lower Upper
196 100
198 95.4 76.3 114.5
97 51.0 44.2 66.4
132 28.1 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 71.102 ng
RT: 13.210 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

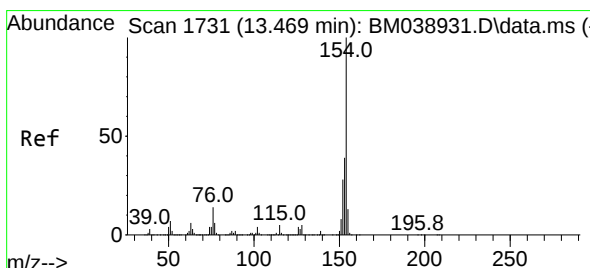
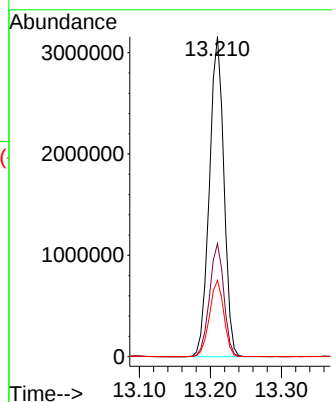
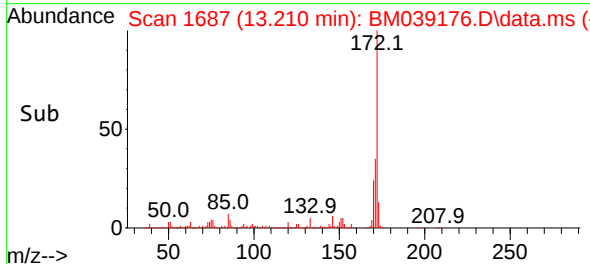
Instrument :
BNA_M
ClientSampleId :
PB151576BS



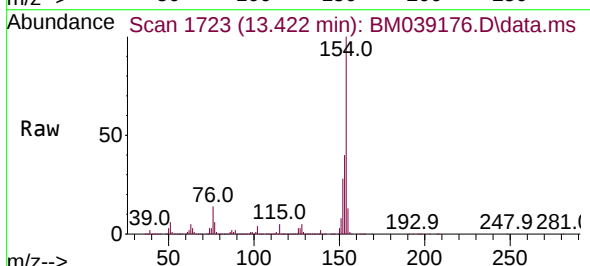
Tgt Ion:172 Resp: 4479285
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 19.1 28.7

Manual Integrations
APPROVED

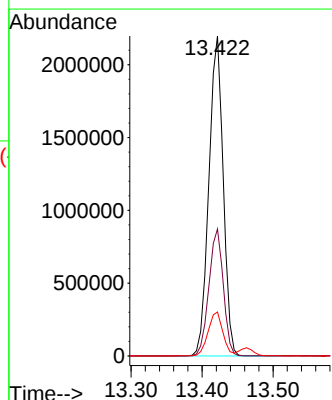
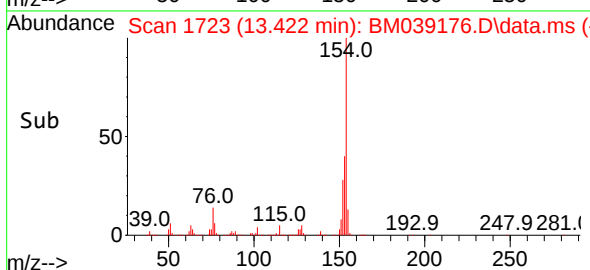
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

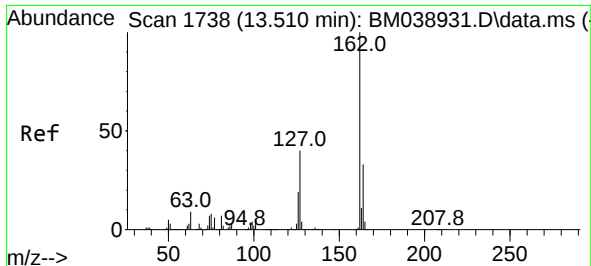


#46
1,1'-Biphenyl
Concen: 44.214 ng
RT: 13.422 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



Tgt Ion:154 Resp: 3071903
Ion Ratio Lower Upper
154 100
153 39.7 19.3 59.3
76 13.7 0.0 34.0





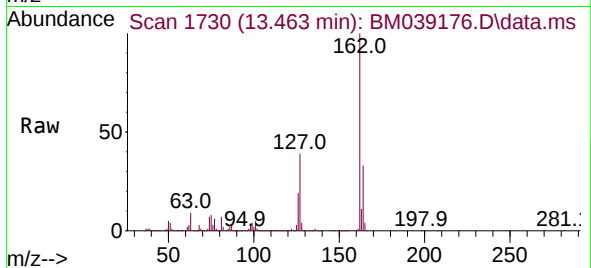
#47
2-Chloronaphthalene
Concen: 44.838 ng
RT: 13.463 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

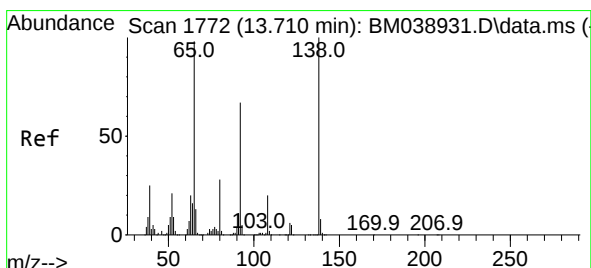
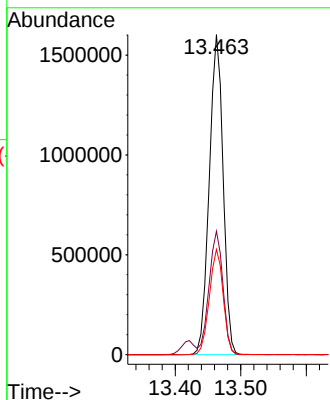
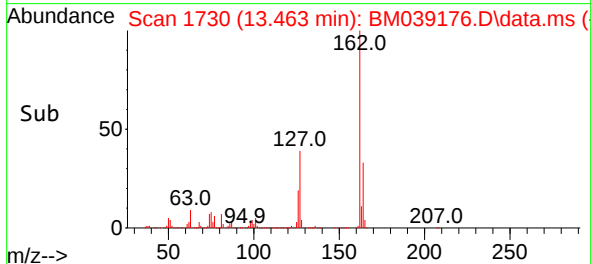


Tgt Ion:162 Resp: 2349110
Ion Ratio Lower Upper
162 100
127 38.6 32.1 48.1
164 32.9 26.2 39.4

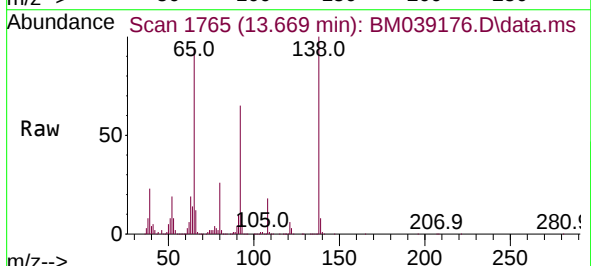
Manual Integrations

APPROVED

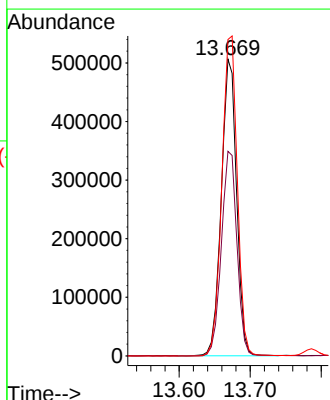
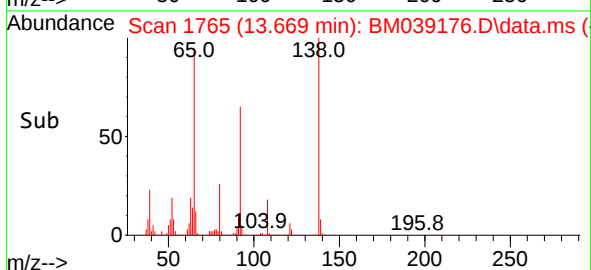
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

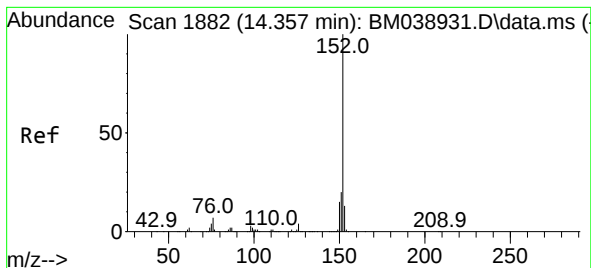


#48
2-Nitroaniline
Concen: 45.318 ng
RT: 13.669 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



Tgt Ion: 65 Resp: 757985
Ion Ratio Lower Upper
65 100
92 69.0 54.9 82.3
138 106.6 81.6 122.4





#49

Acenaphthylene

Concen: 44.602 ng

RT: 14.310 min Scan# 1882

Delta R.T. 0.000 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

Tgt Ion:152 Resp: 3722081

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

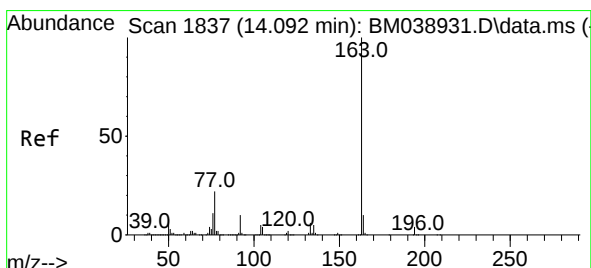
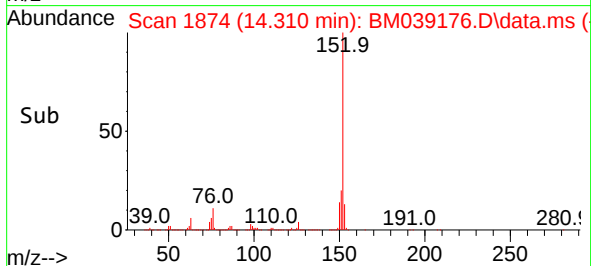
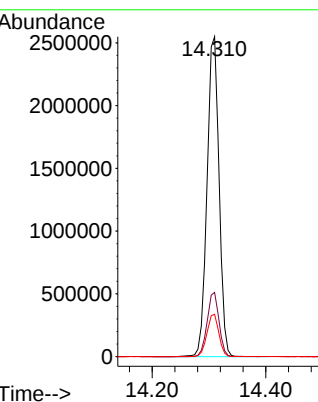
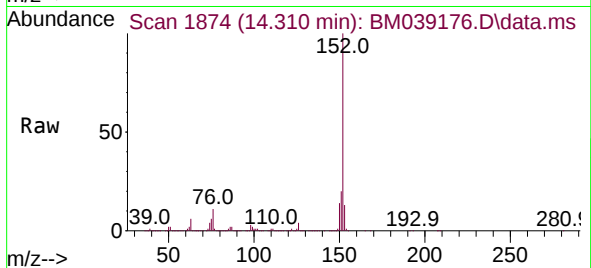
153 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#50

Dimethylphthalate

Concen: 45.971 ng

RT: 14.045 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

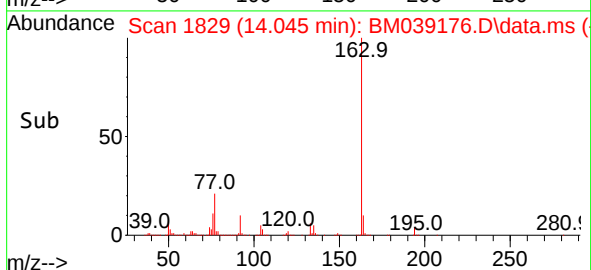
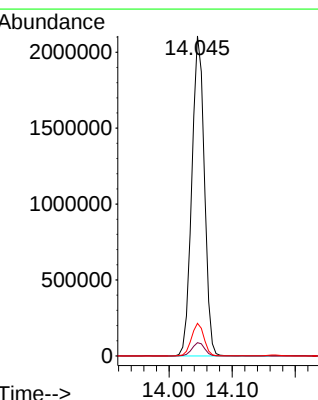
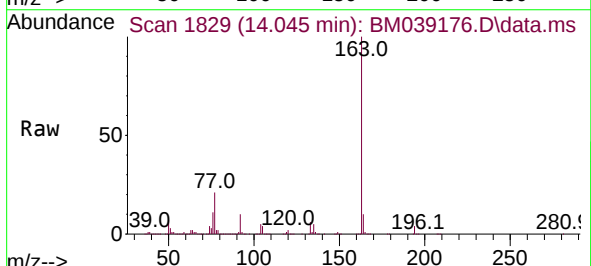
Tgt Ion:163 Resp: 2901075

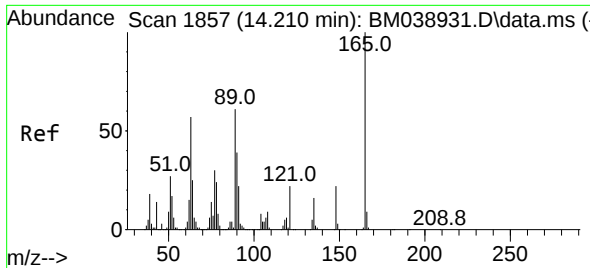
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

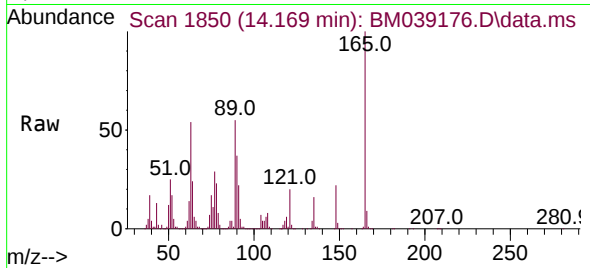
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.213 ng
RT: 14.169 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

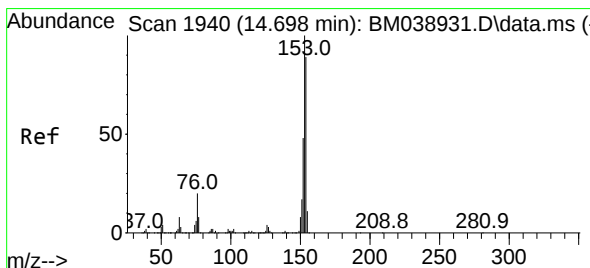
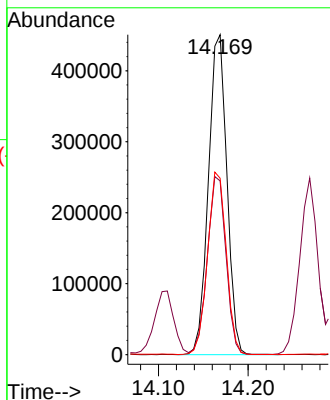
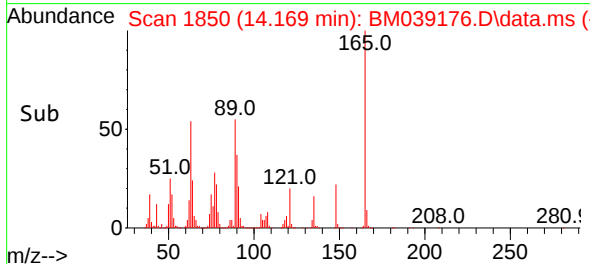
Instrument :
BNA_M
ClientSampleId :
PB151576BS



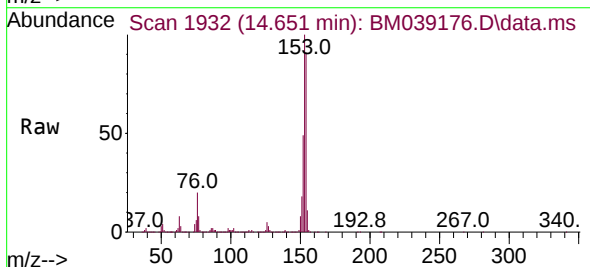
Tgt Ion:165 Resp: 644266
Ion Ratio Lower Upper
165 100
63 54.3 46.6 70.0
89 55.1 48.6 73.0

Manual Integrations
APPROVED

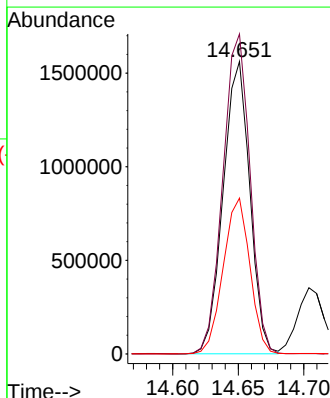
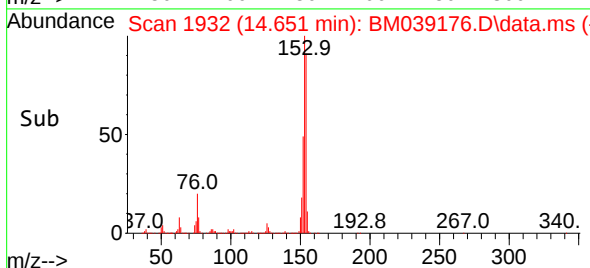
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

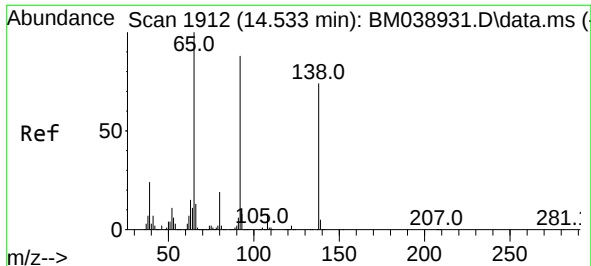


#52
Acenaphthene
Concen: 43.173 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



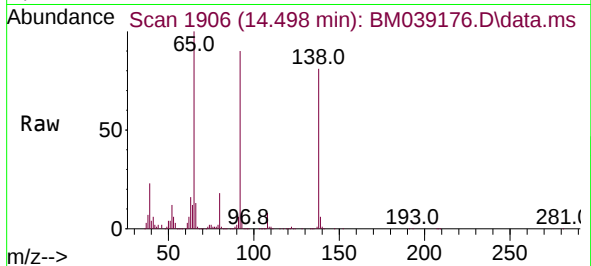
Tgt Ion:154 Resp: 2214185
Ion Ratio Lower Upper
154 100
153 109.4 90.2 135.2
152 53.2 43.4 65.2





#53
3-Nitroaniline
Concen: 28.243 ng
RT: 14.498 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

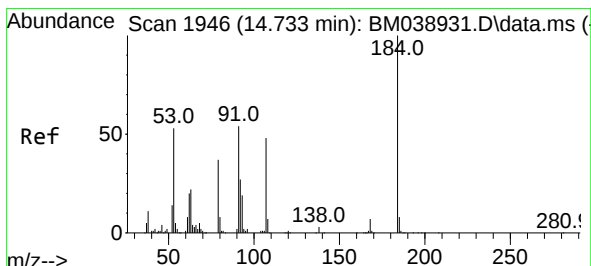
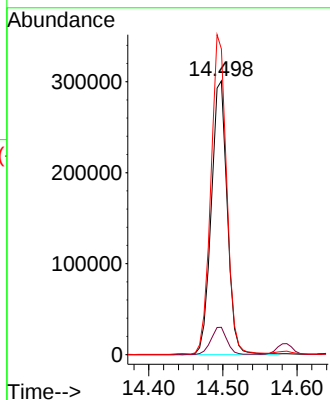
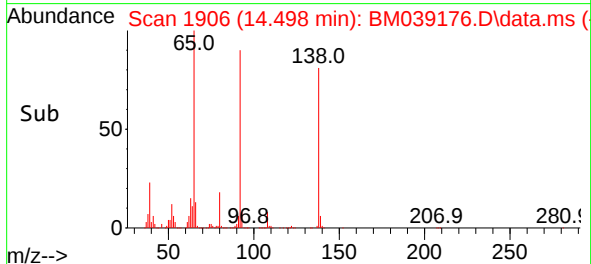
Instrument :
BNA_M
ClientSampleId :
PB151576BS



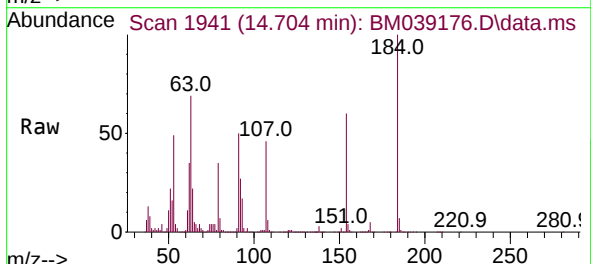
Tgt Ion:138 Resp: 449752
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 111.7 95.8 143.8

Manual Integrations
APPROVED

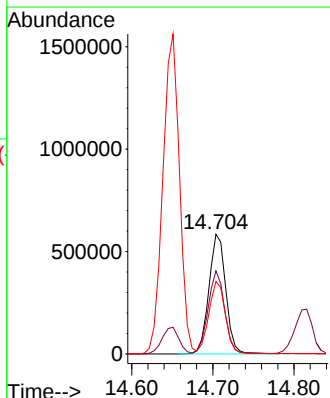
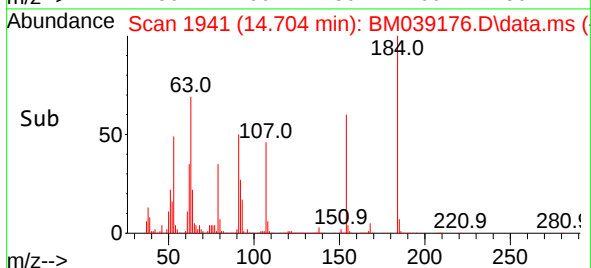
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

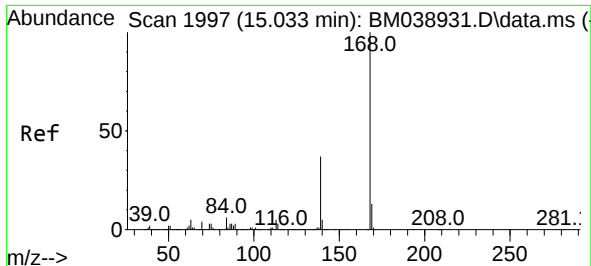


#54
2,4-Dinitrophenol
Concen: 103.675 ng
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



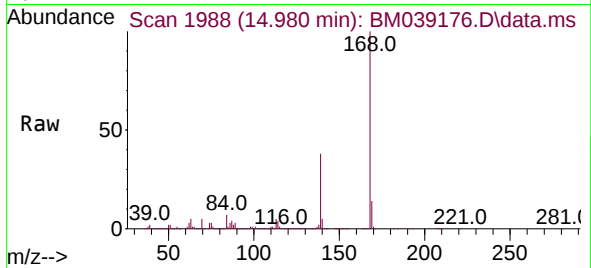
Tgt Ion:184 Resp: 844830
Ion Ratio Lower Upper
184 100
63 69.4 60.6 90.8
154 60.4 51.4 77.2





#55
Dibenzofuran
Concen: 43.440 ng
RT: 14.980 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

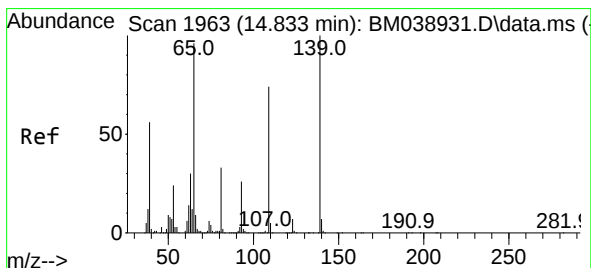
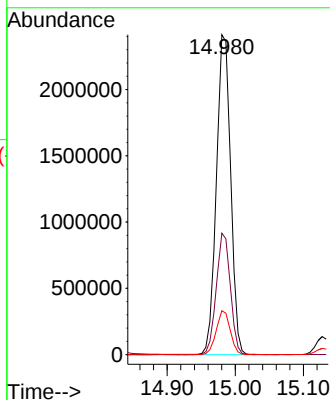
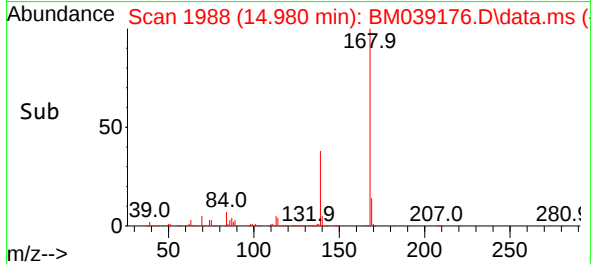
Instrument :
BNA_M
ClientSampleId :
PB151576BS



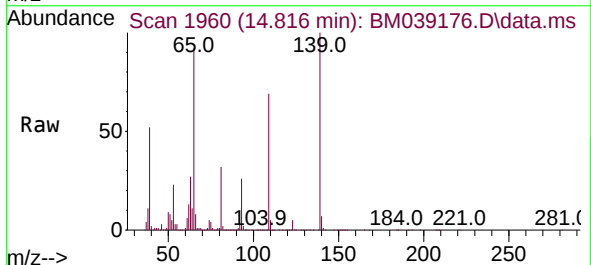
Tgt Ion:168 Resp: 3486293
Ion Ratio Lower Upper
168 100
139 37.9 29.9 44.9
169 13.7 10.7 16.1

Manual Integrations
APPROVED

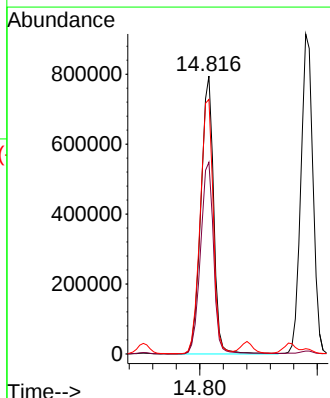
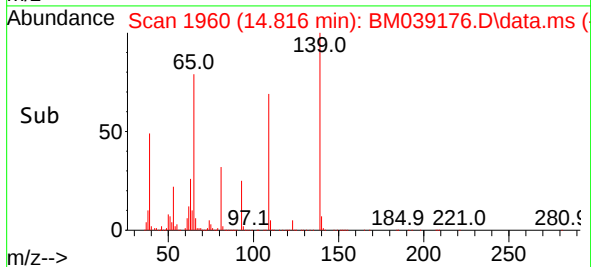
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

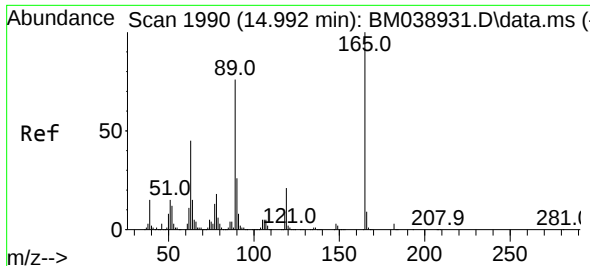


#56
4-Nitrophenol
Concen: 95.360 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



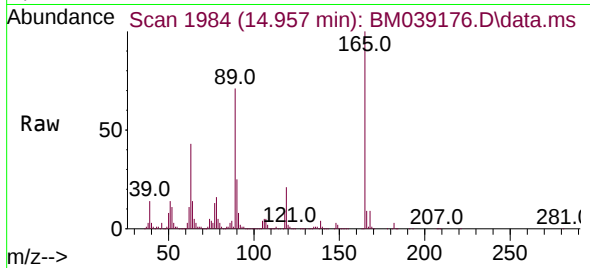
Tgt Ion:139 Resp: 1195166
Ion Ratio Lower Upper
139 100
109 69.0 53.5 93.5
65 91.6 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 47.822 ng
RT: 14.957 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

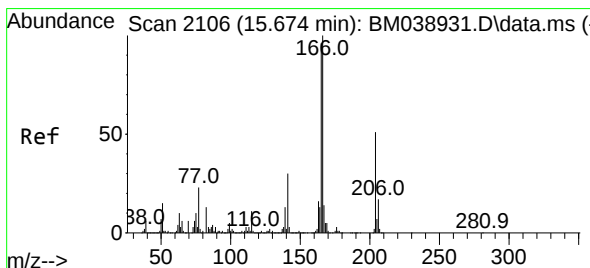
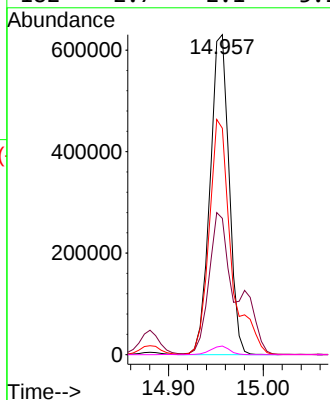
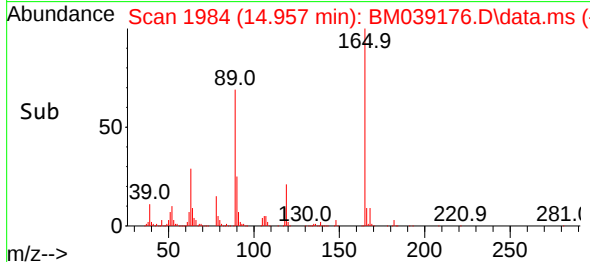
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion:165 Resp: 878196
Ion Ratio Lower Upper
165 100
63 42.6 35.9 53.9
89 70.7 61.0 91.6
182 2.7 2.1 3.1

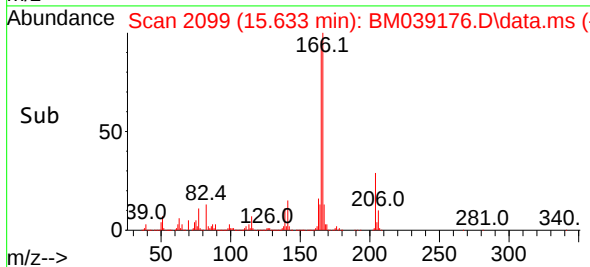
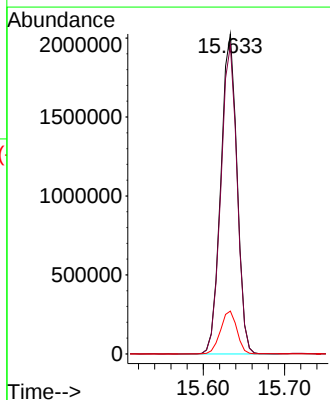
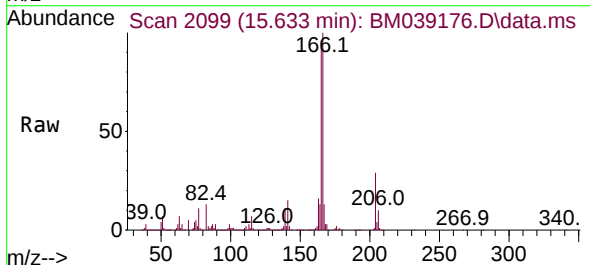
Manual Integrations
APPROVED

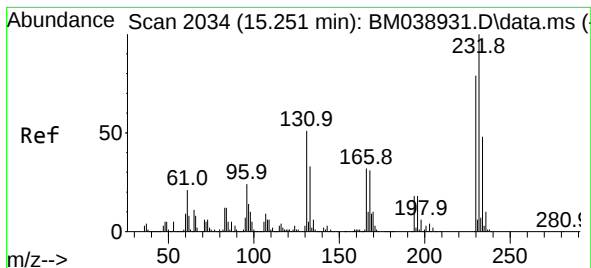
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#58
Fluorene
Concen: 44.562 ng
RT: 15.633 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

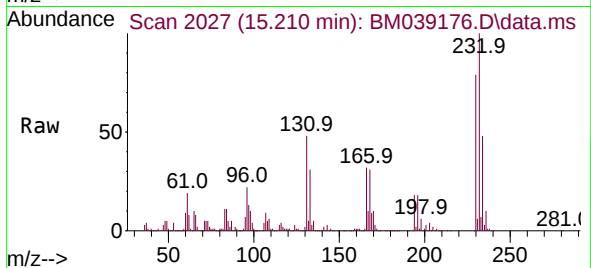
Tgt Ion:166 Resp: 2801410
Ion Ratio Lower Upper
166 100
165 96.4 77.1 115.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.220 ng
RT: 15.210 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

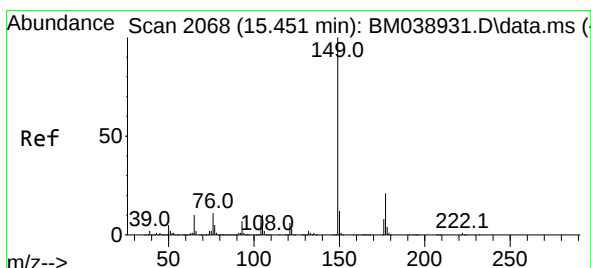
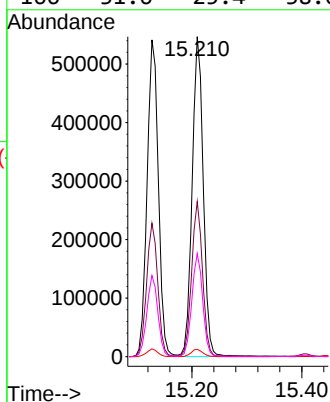
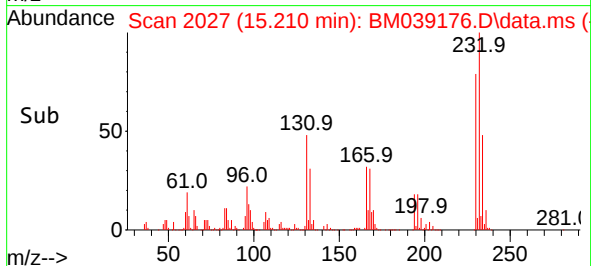
Instrument :
BNA_M
ClientSampleId :
PB151576BS



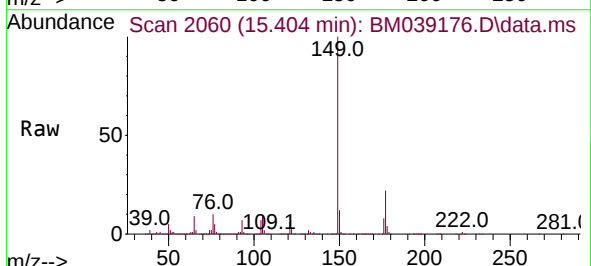
Tgt Ion:232 Resp: 767100
Ion Ratio Lower Upper
232 100
131 47.8 40.0 60.0
130 2.4 2.0 3.0
166 31.6 25.4 38.0

Manual Integrations
APPROVED

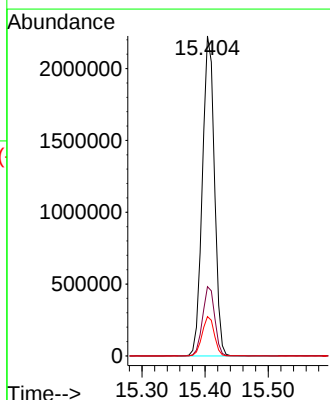
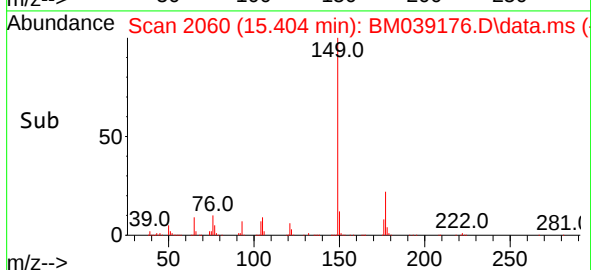
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

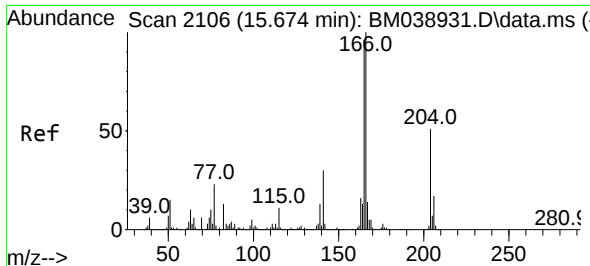


#60
Diethylphthalate
Concen: 48.061 ng
RT: 15.404 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



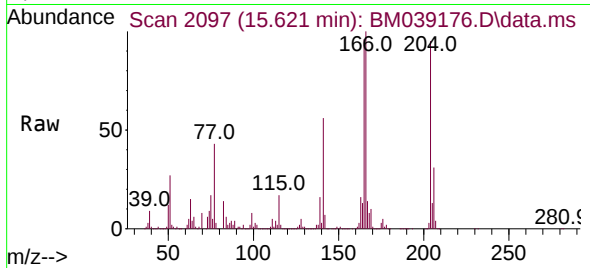
Tgt Ion:149 Resp: 2951113
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 45.152 ng
RT: 15.621 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

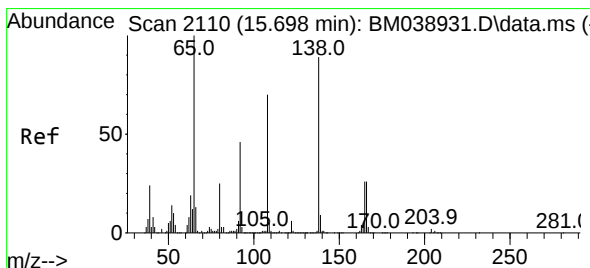
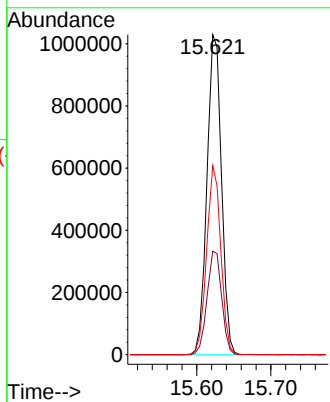
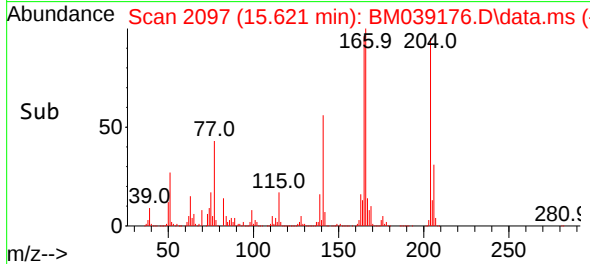
Instrument :
BNA_M
ClientSampleId :
PB151576BS



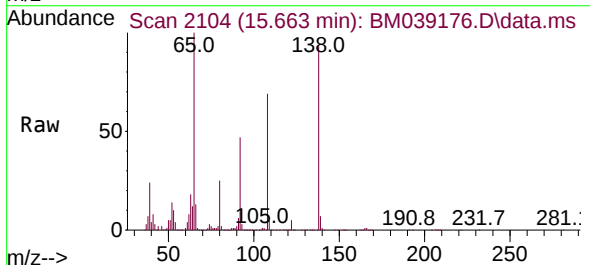
Tgt Ion:204 Resp: 1394486
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 59.0 46.4 69.6

Manual Integrations
APPROVED

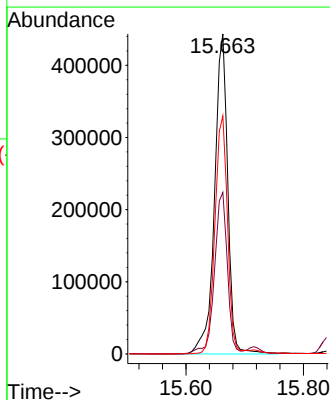
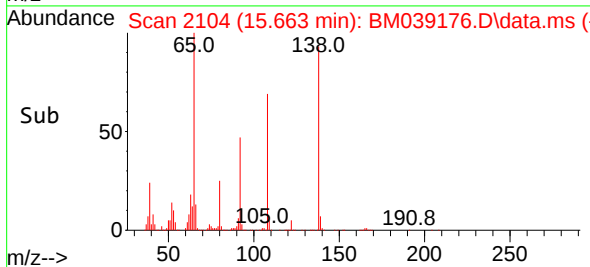
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

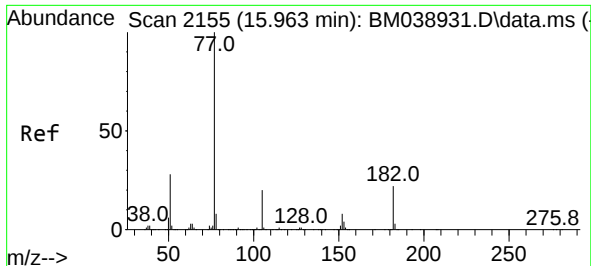


#62
4-Nitroaniline
Concen: 41.917 ng
RT: 15.663 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



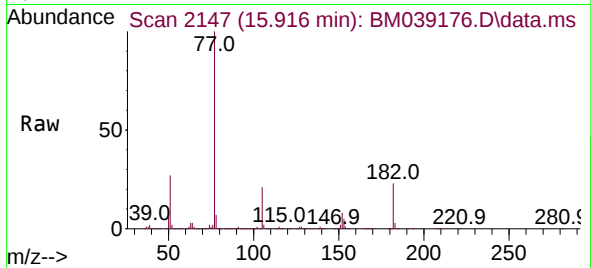
Tgt Ion:138 Resp: 692270
Ion Ratio Lower Upper
138 100
92 50.5 31.6 71.6
108 74.4 58.6 98.6





#63
Azobenzene
Concen: 46.009 ng
RT: 15.916 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

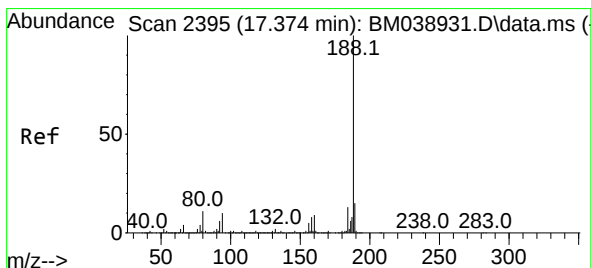
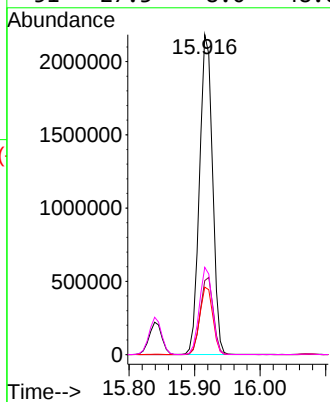
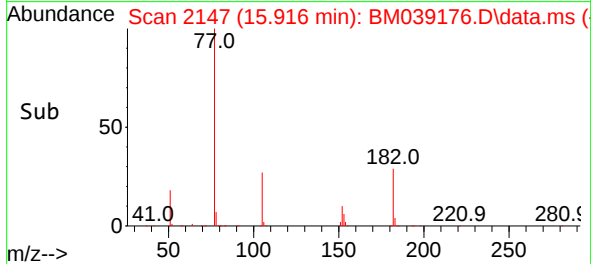
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion: 77 Resp: 2989302
Ion Ratio Lower Upper
77 100
182 23.1 2.0 42.0
105 21.1 0.4 40.4
51 27.3 8.0 48.0

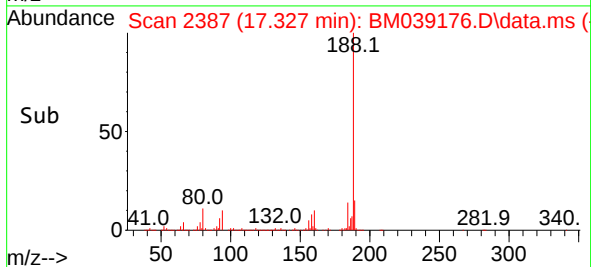
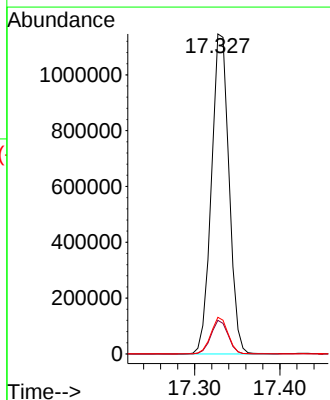
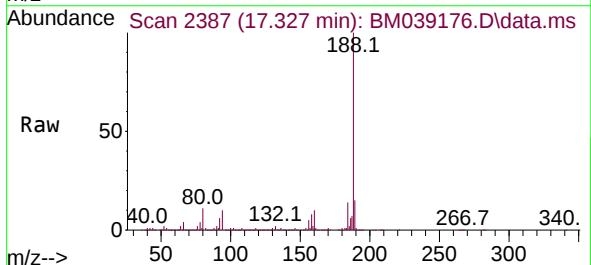
Manual Integrations
APPROVED

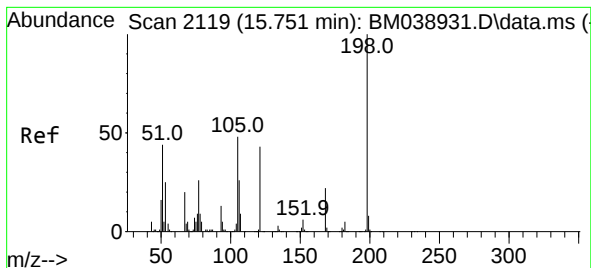
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

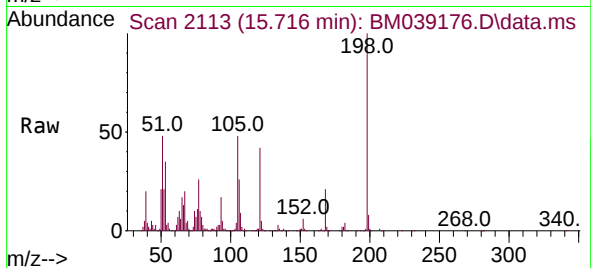
Tgt Ion:188 Resp: 1643985
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.4 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 48.143 ng
RT: 15.716 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

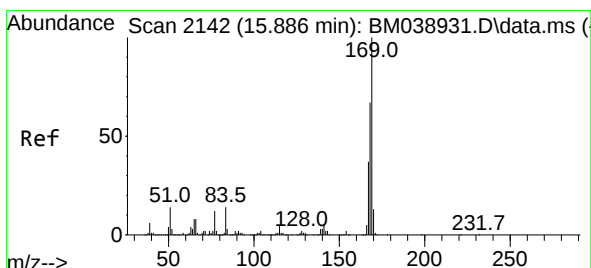
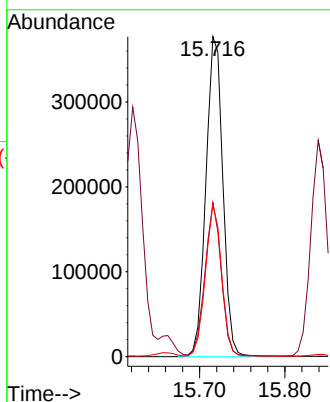
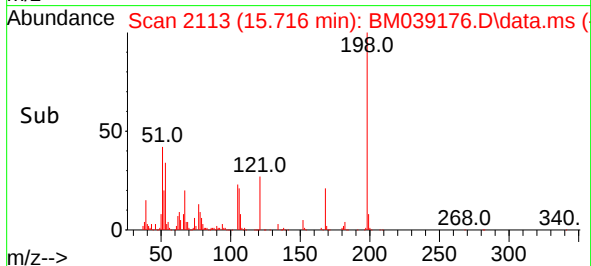
Instrument :
BNA_M
ClientSampleId :
PB151576BS



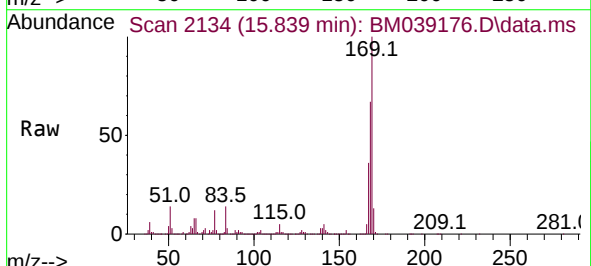
Tgt Ion:198 Resp: 520315
Ion Ratio Lower Upper
198 100
51 48.2 30.1 70.1
105 47.6 29.3 69.3

Manual Integrations
APPROVED

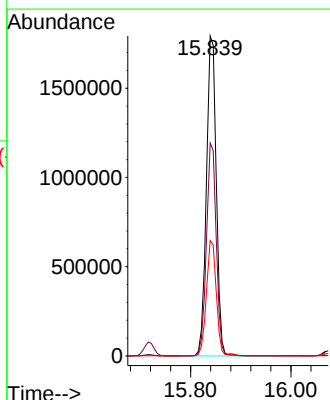
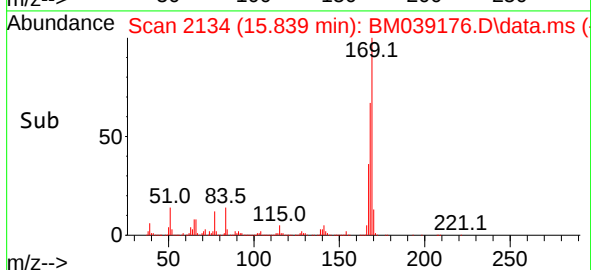
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

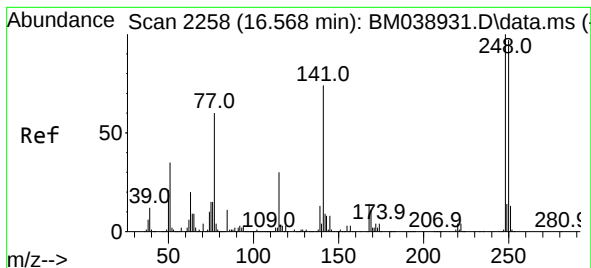


#66
n-Nitrosodiphenylamine
Concen: 43.988 ng
RT: 15.839 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



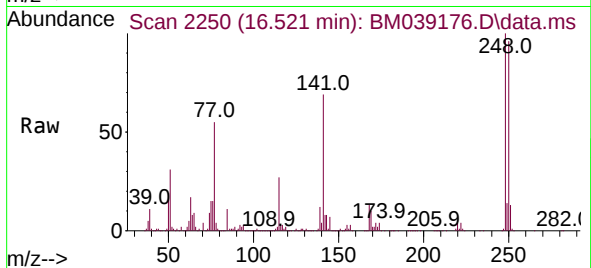
Tgt Ion:169 Resp: 2437881
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 47.298 ng
RT: 16.521 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

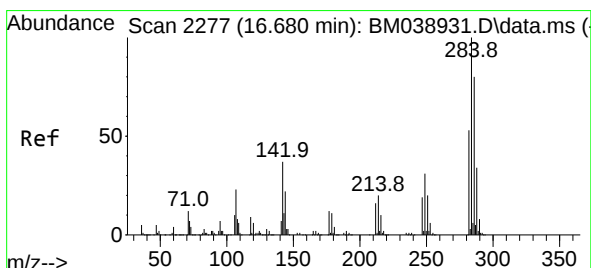
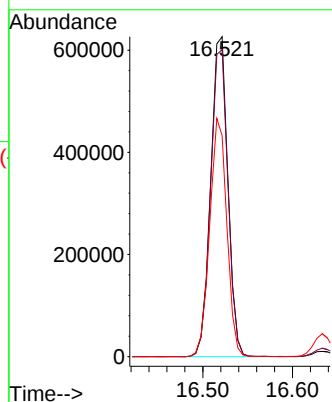
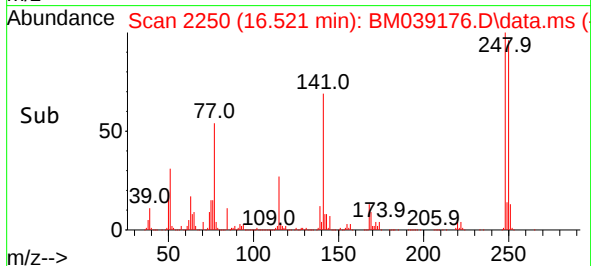
Instrument :
BNA_M
ClientSampleId :
PB151576BS



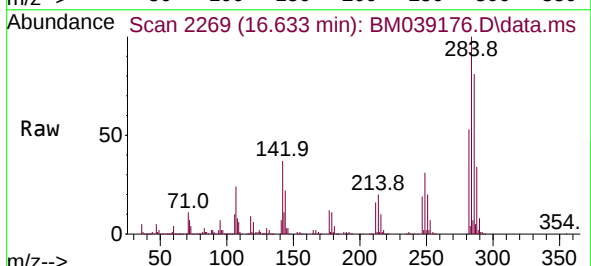
Tgt Ion:248 Resp: 839866
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.8
141 69.0 59.0 88.4

Manual Integrations
APPROVED

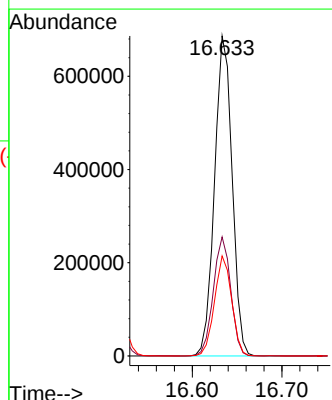
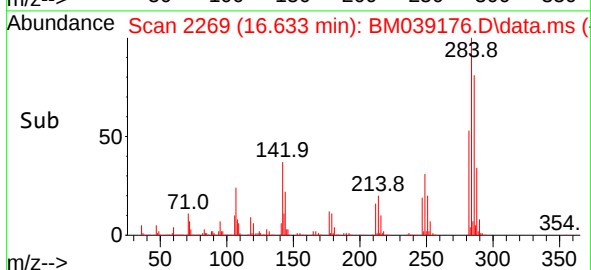
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

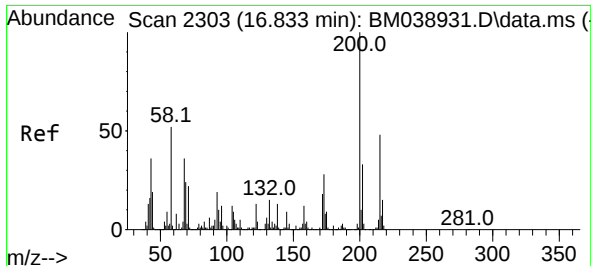


#68
Hexachlorobenzene
Concen: 47.123 ng
RT: 16.633 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58



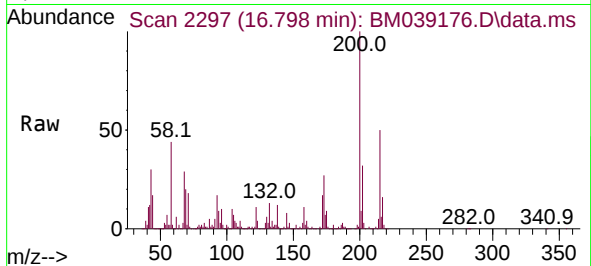
Tgt Ion:284 Resp: 935418
Ion Ratio Lower Upper
284 100
142 37.2 29.5 44.3
249 31.2 25.0 37.4





#69
Atrazine
Concen: 53.562 ng
RT: 16.798 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

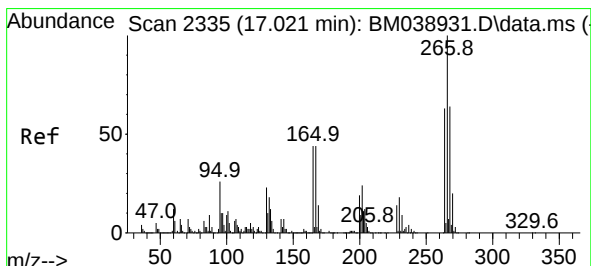
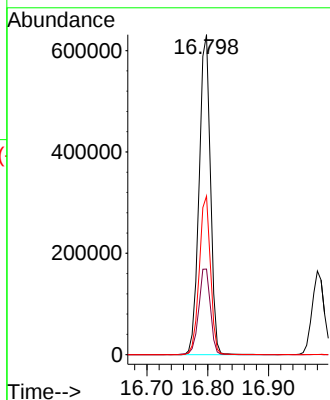
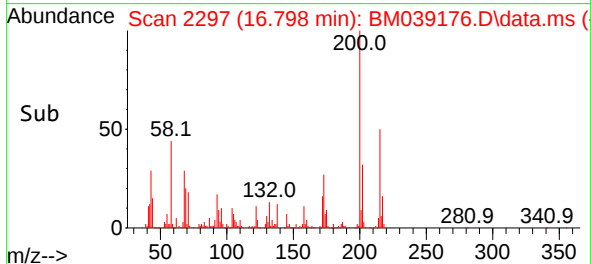
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion:200 Resp: 810838
Ion Ratio Lower Upper
200 100
173 26.7 8.2 48.2
215 49.5 27.8 67.8

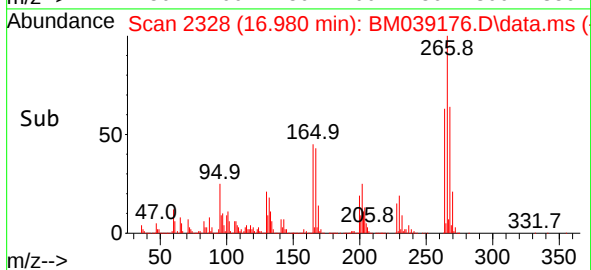
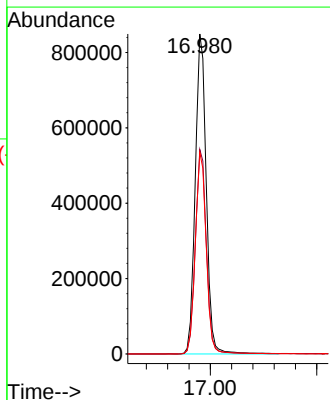
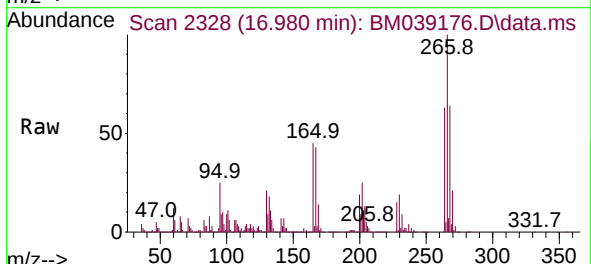
Manual Integrations
APPROVED

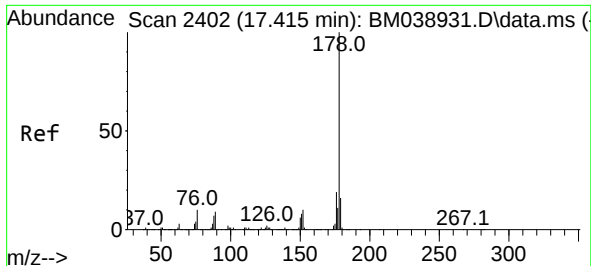
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#70
Pentachlorophenol
Concen: 83.123 ng
RT: 16.980 min Scan# 2328
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:266 Resp: 1213597
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.4
264 62.9 50.3 75.5





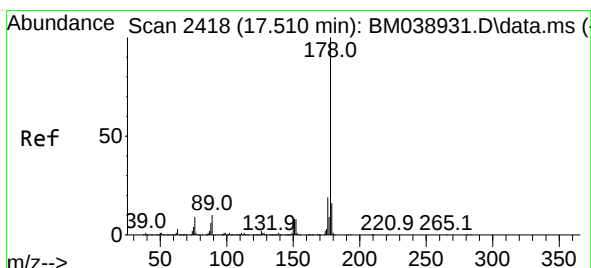
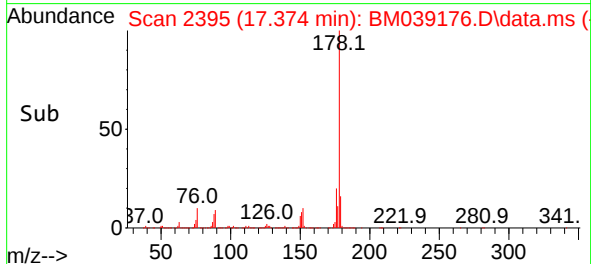
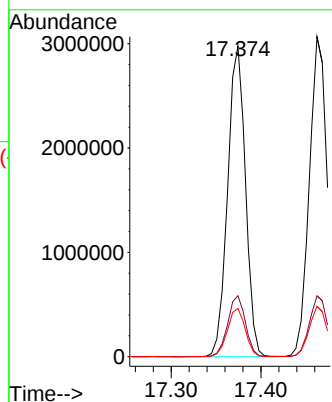
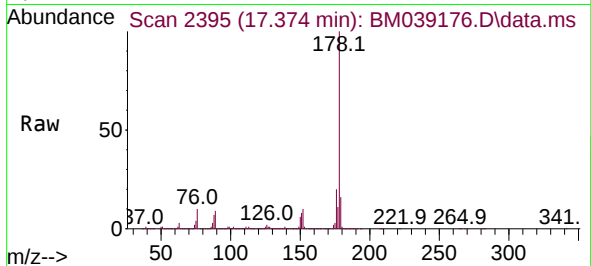
#71
Phenanthrene
Concen: 42.794 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :
BNA_M
ClientSampleId :
PB151576BS

Tgt Ion:178 Resp: 4129043
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.6 12.5 18.7

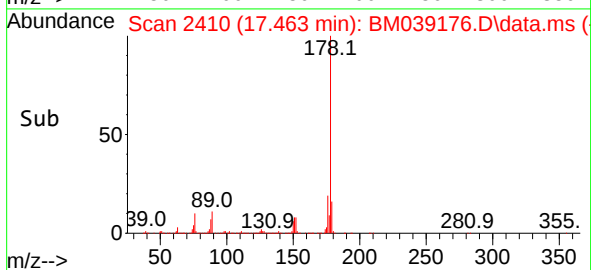
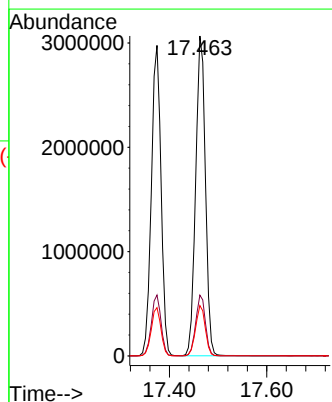
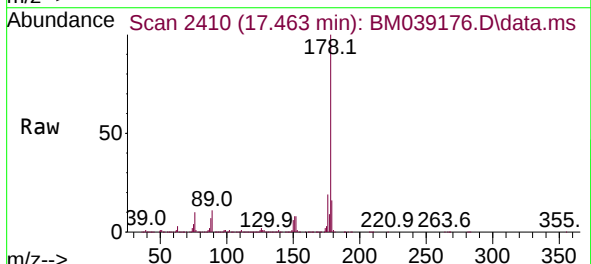
Manual Integrations
APPROVED

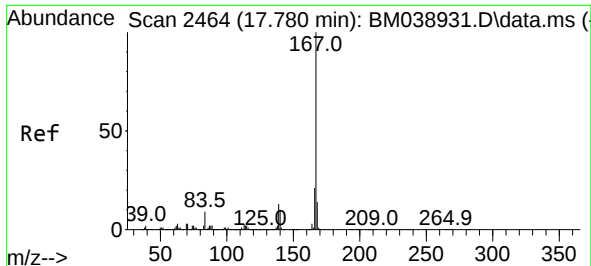
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#72
Anthracene
Concen: 44.096 ng
RT: 17.463 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

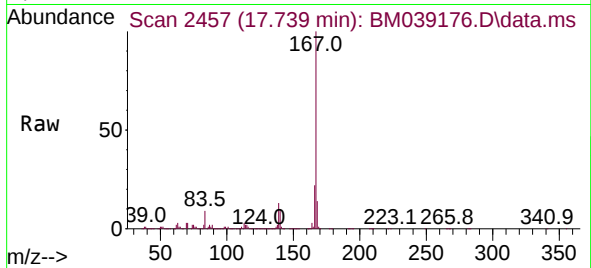
Tgt Ion:178 Resp: 4242991
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 43.688 ng
 RT: 17.739 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM039176.D
 Acq: 28 Mar 2023 12:58

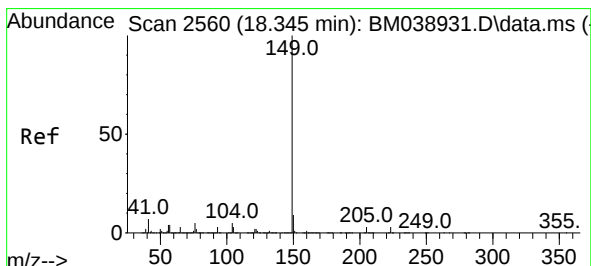
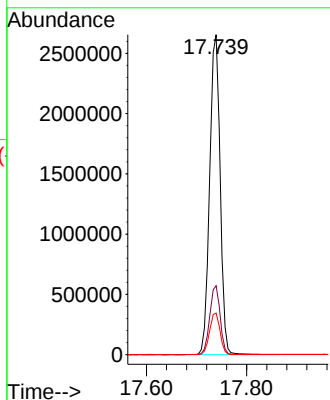
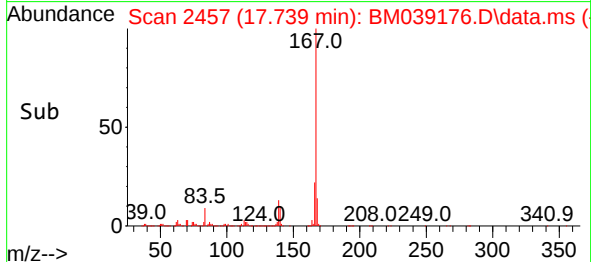
Instrument :
 BNA_M
 ClientSampleId :
 PB151576BS



Tgt Ion:167 Resp: 3836550
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.0 10.3 15.5

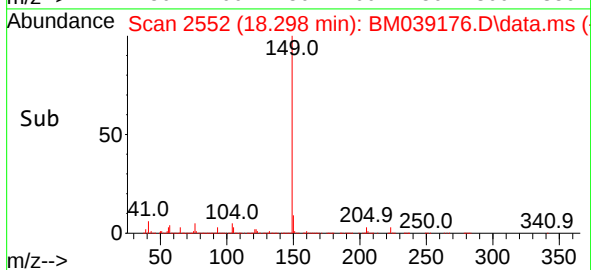
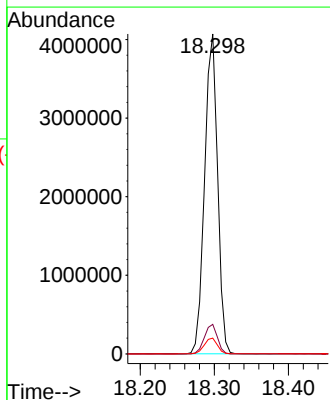
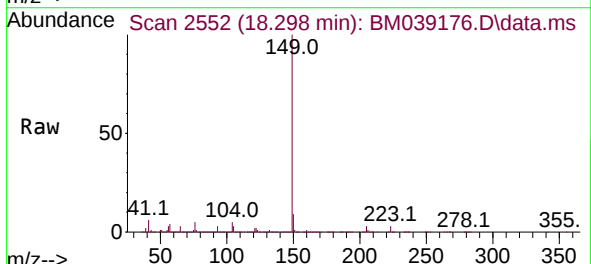
Manual Integrations
 APPROVED

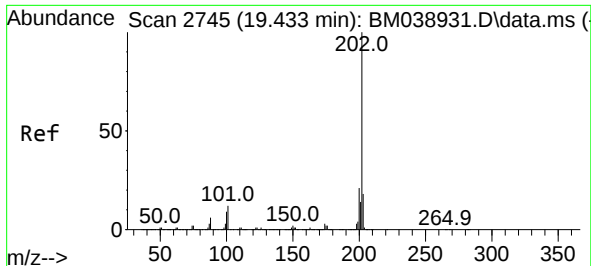
Reviewed By :Christian Giraldo 03/29/2023
 Supervised By :Jagrut Upadhyay 03/29/2023



#74
 Di-n-butylphthalate
 Concen: 46.151 ng
 RT: 18.298 min Scan# 2552
 Delta R.T. -0.006 min
 Lab File: BM039176.D
 Acq: 28 Mar 2023 12:58

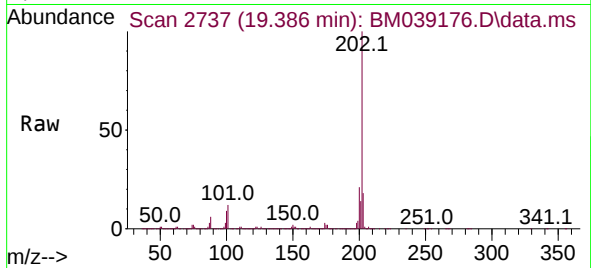
Tgt Ion:149 Resp: 4935475
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 42.429 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

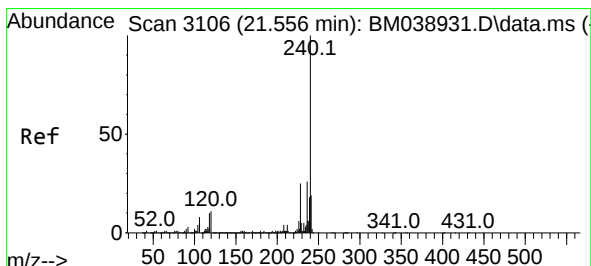
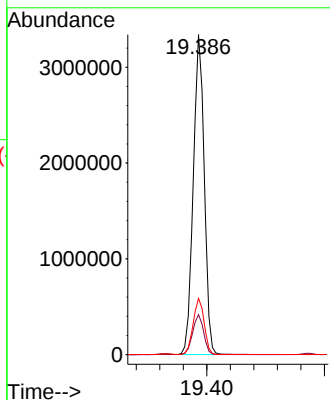
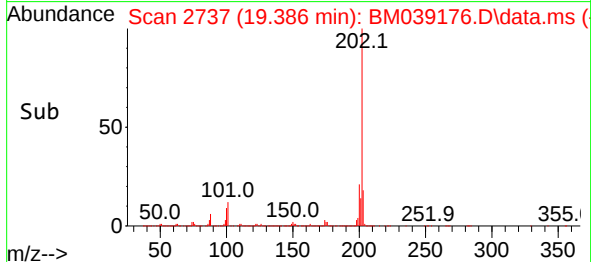
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion:202 Resp: 4322489
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.6 0.0 37.6

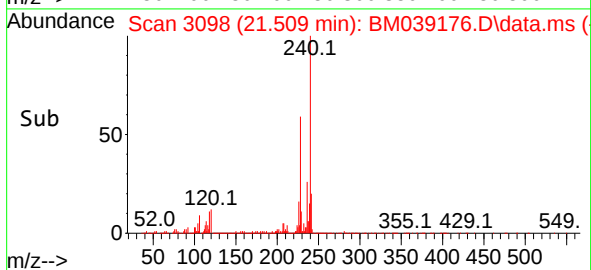
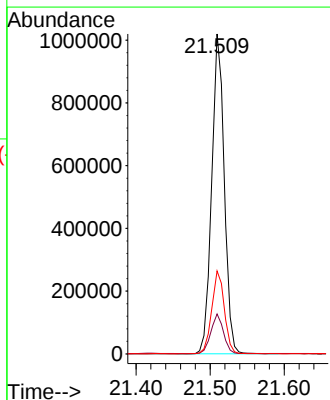
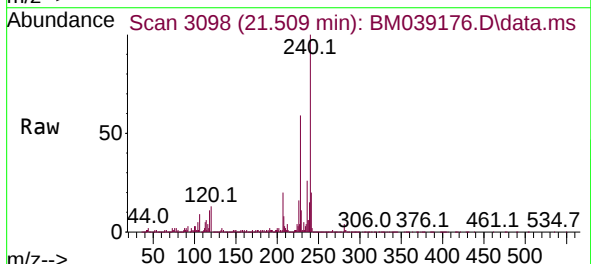
Manual Integrations
APPROVED

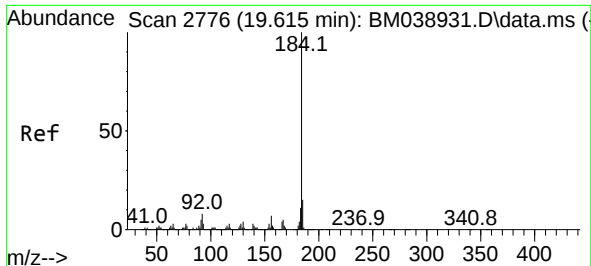
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:240 Resp: 1202219
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.9 20.8 31.2





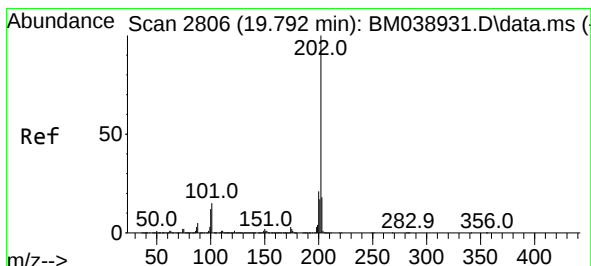
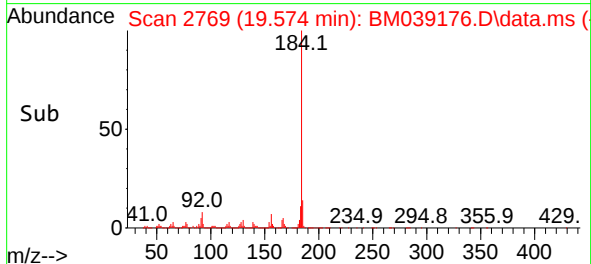
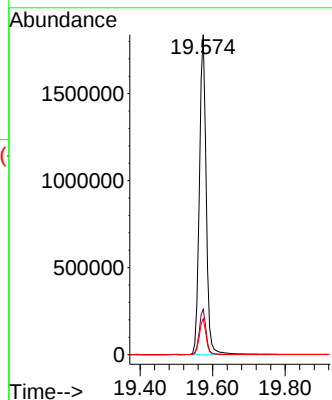
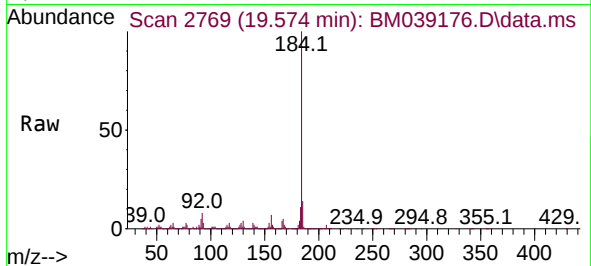
#77
Benzidine
Concen: 83.226 ng
RT: 19.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :
BNA_M
ClientSampleId :
PB151576BS

Tgt Ion:184 Resp: 2389848
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.4
183 11.2 8.8 13.2

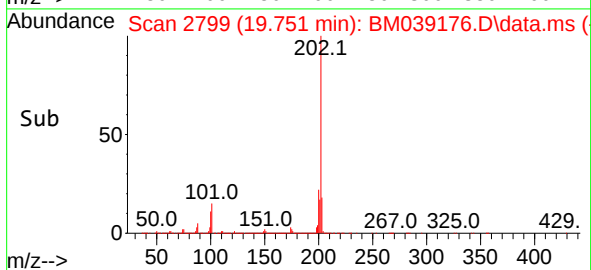
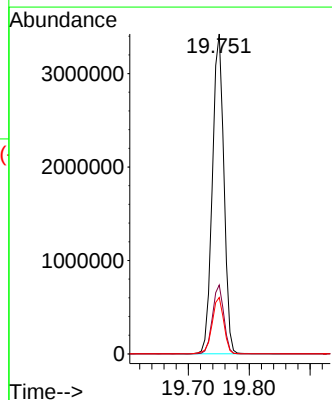
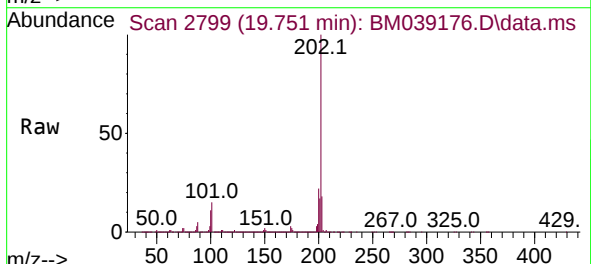
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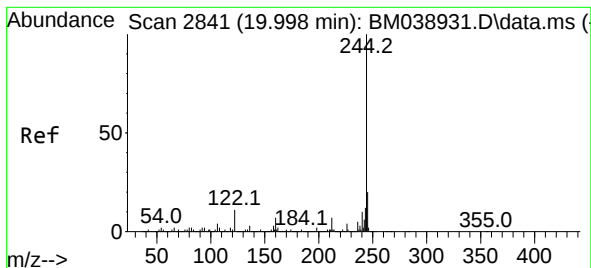
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#78
Pyrene
Concen: 49.926 ng
RT: 19.751 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:202 Resp: 4508137
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 84.871 ng

RT: 19.951 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

Tgt Ion:244 Resp: 5580680

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

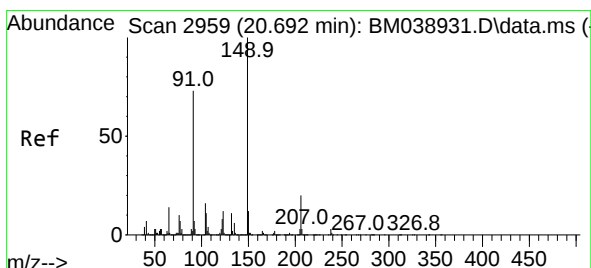
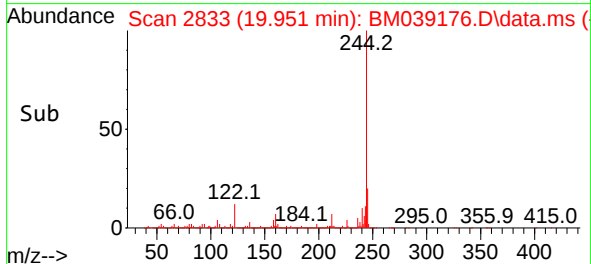
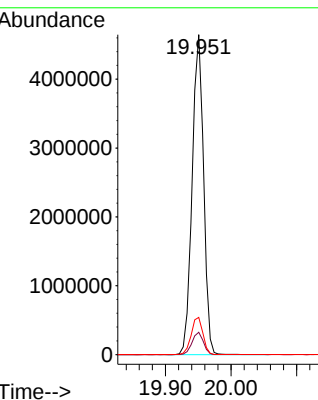
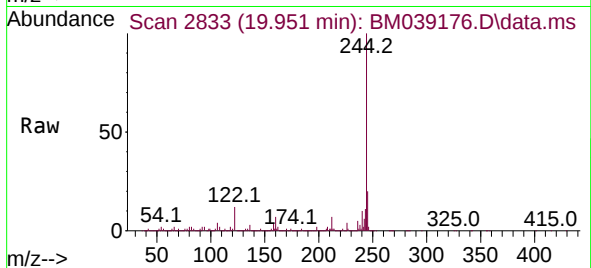
122 11.6 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#80

Butylbenzylphthalate

Concen: 51.519 ng

RT: 20.645 min Scan# 2951

Delta R.T. 0.000 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

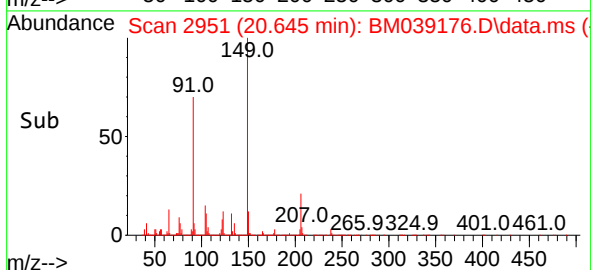
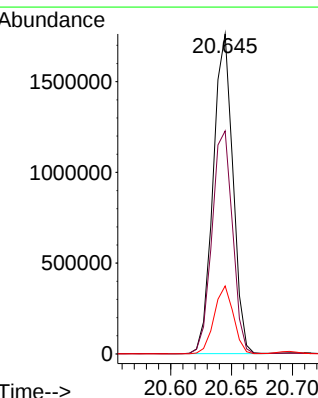
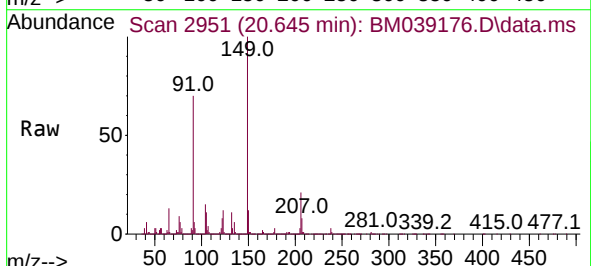
Tgt Ion:149 Resp: 1988089

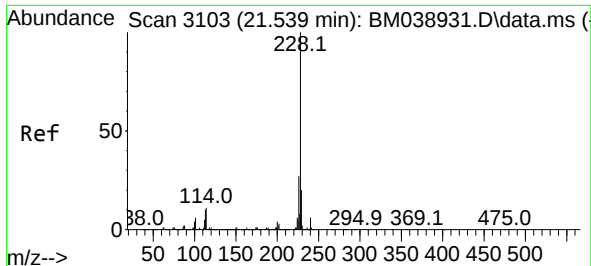
Ion Ratio Lower Upper

149 100

91 69.7 58.4 87.6

206 21.2 16.1 24.1





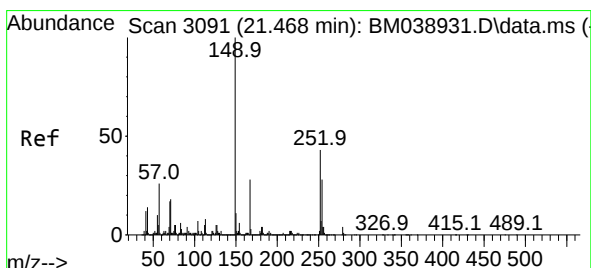
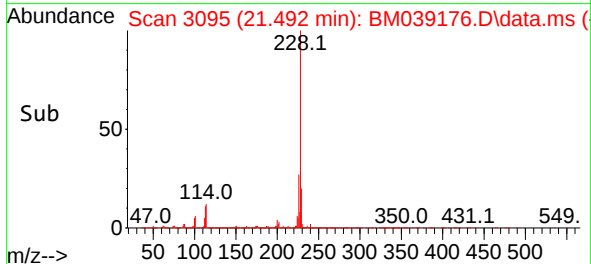
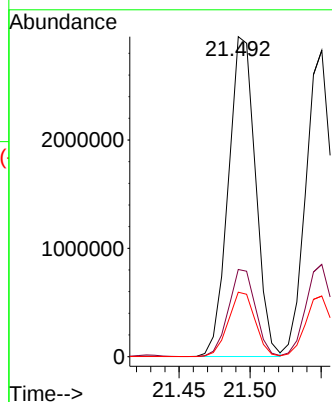
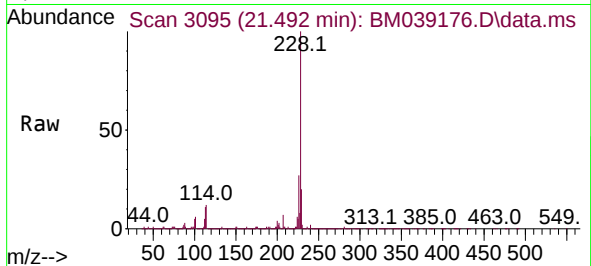
#81
Benzo(a)anthracene
Concen: 45.343 ng
RT: 21.492 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :
BNA_M
ClientSampleId :
PB151576BS

Tgt Ion:228 Resp: 392566
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 20.2 15.7 23.5

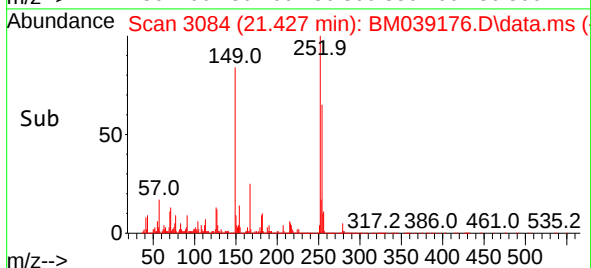
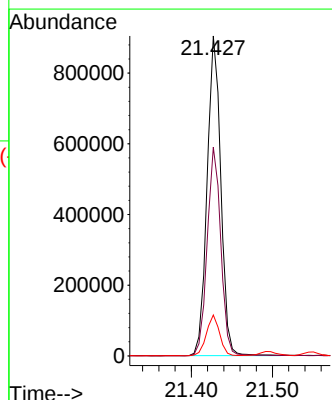
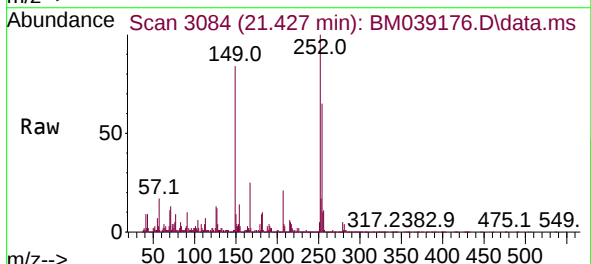
Manual Integrations
APPROVED

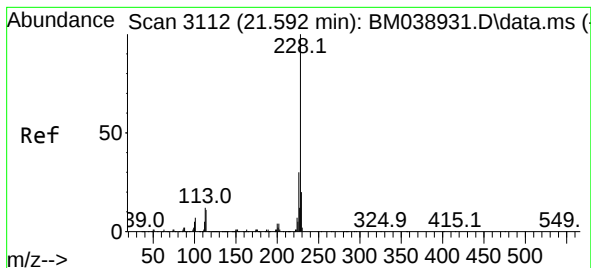
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.966 ng
RT: 21.427 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:252 Resp: 1063445
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 12.8 9.9 14.9





#83

Chrysene

Concen: 42.910 ng

RT: 21.551 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

Tgt Ion:228 Resp: 3613225

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

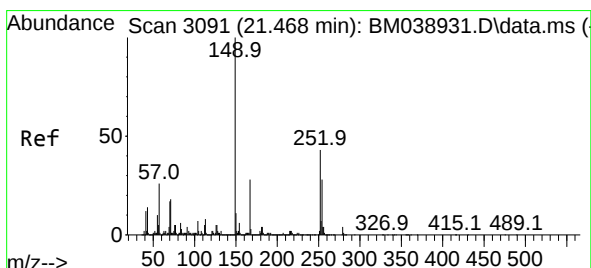
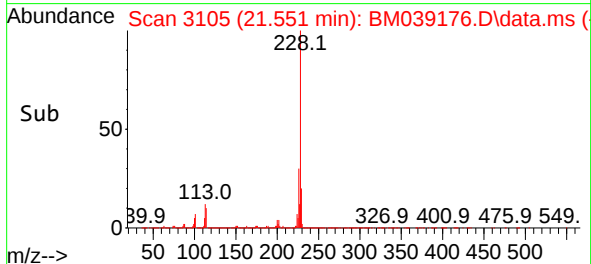
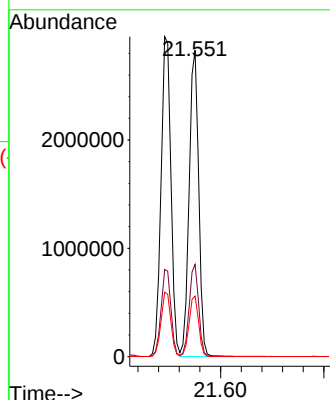
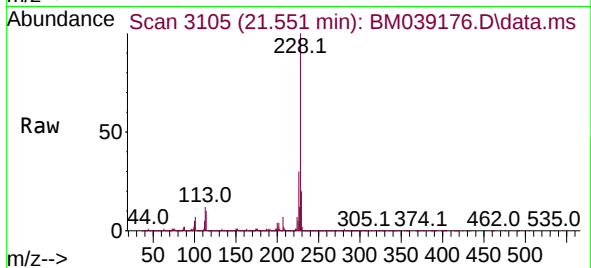
229 19.8 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.810 ng

RT: 21.415 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

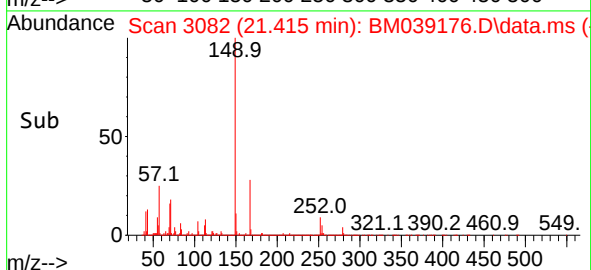
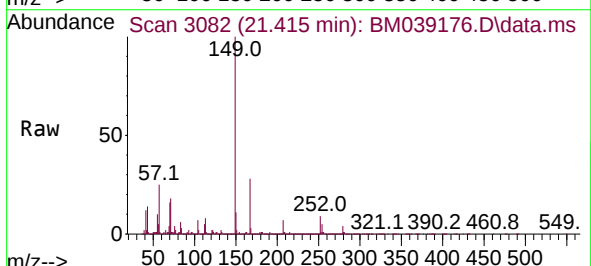
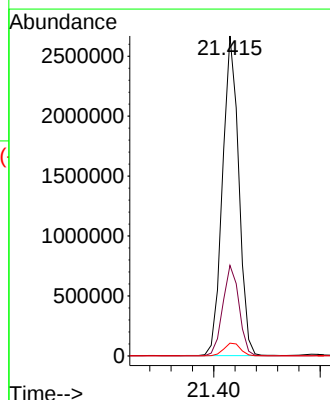
Tgt Ion:149 Resp: 2829129

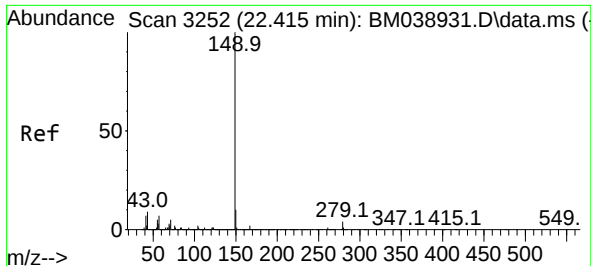
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

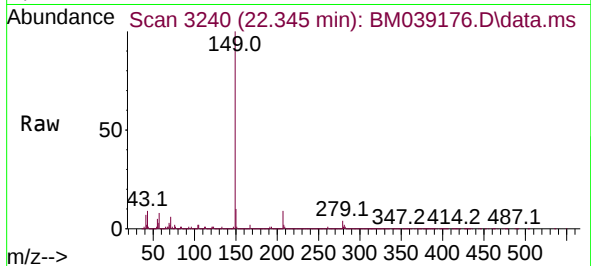
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.847 ng
RT: 22.345 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

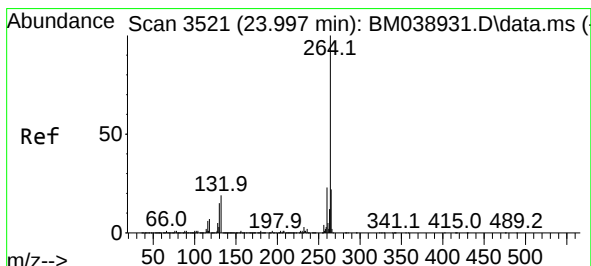
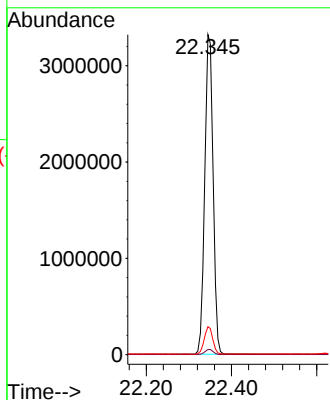
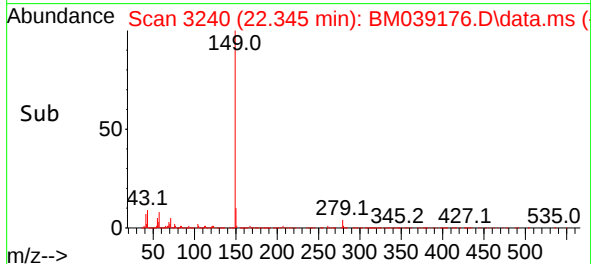
Instrument :
BNA_M
ClientSampleId :
PB151576BS



Tgt Ion:149 Resp: 4506723
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 7.4 11.2

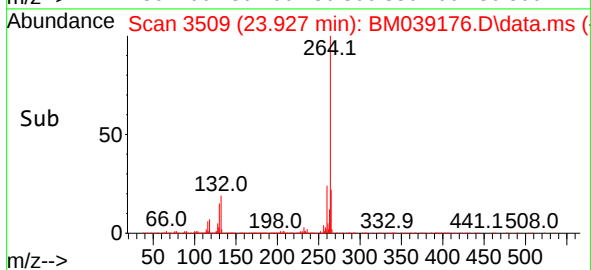
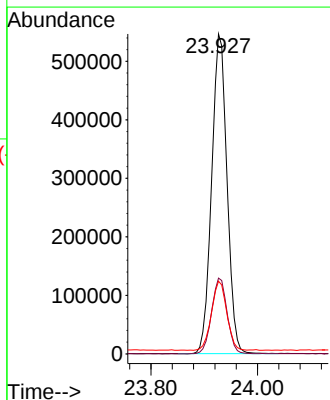
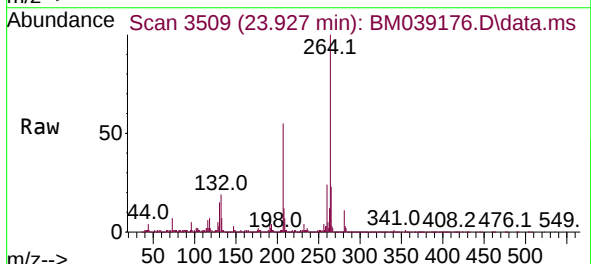
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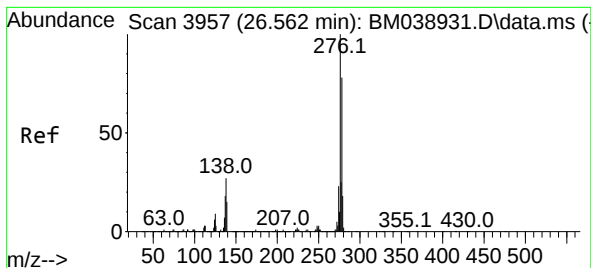
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:264 Resp: 1095279
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.927 ng

RT: 26.456 min Scan# 3957

Delta R.T. -0.012 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

Tgt Ion:276 Resp: 3577662

Ion Ratio Lower Upper

276 100

138 27.8 22.1 33.1

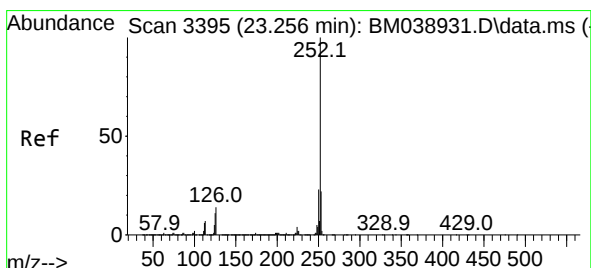
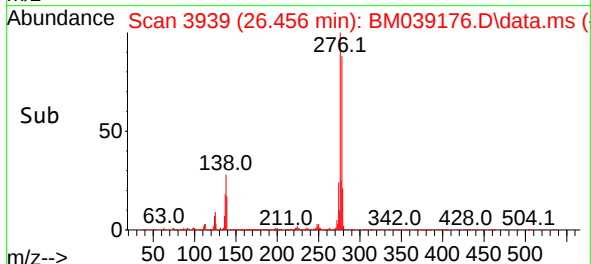
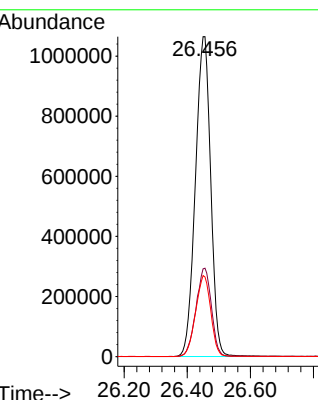
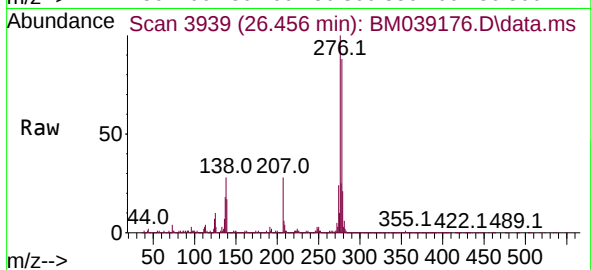
277 25.1 20.1 30.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#88

Benzo(b)fluoranthene

Concen: 47.762 ng

RT: 23.192 min Scan# 3384

Delta R.T. -0.006 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

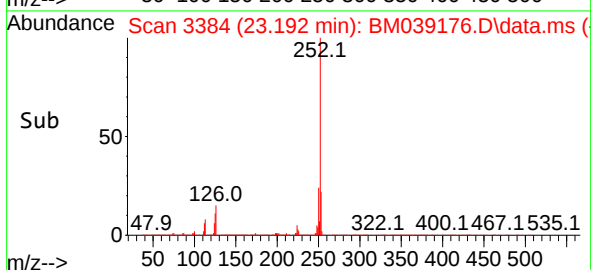
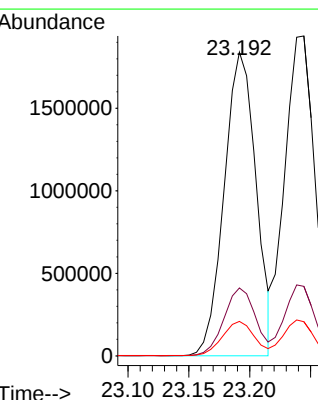
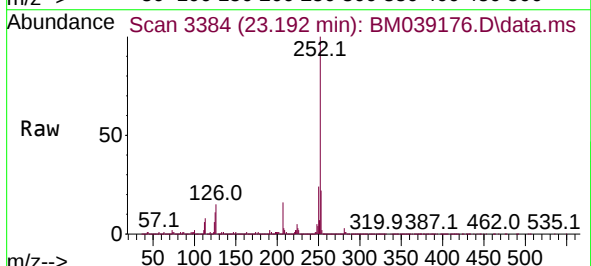
Tgt Ion:252 Resp: 3342093

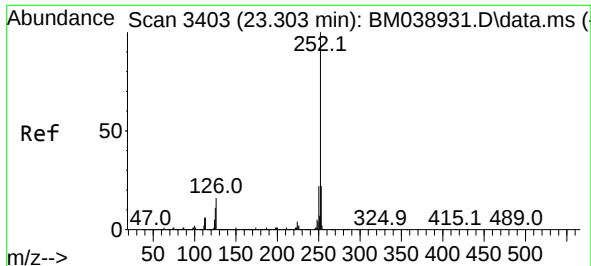
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.3 8.8 13.2





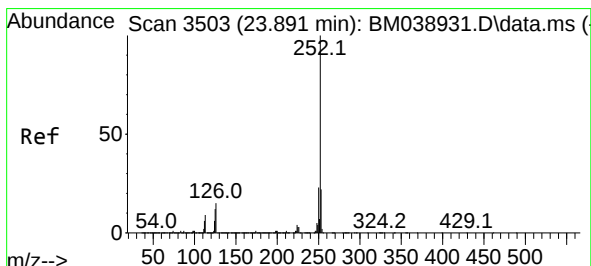
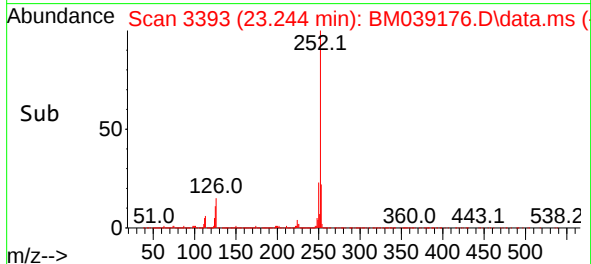
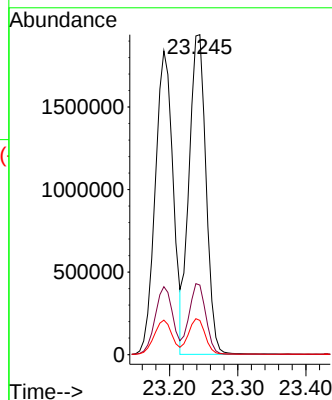
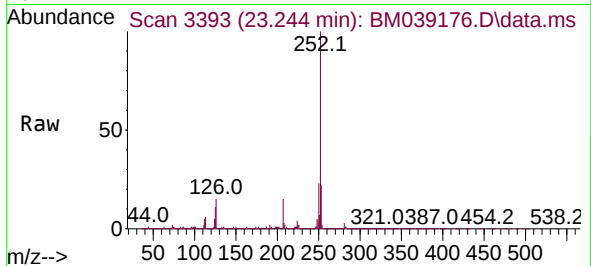
#89
Benzo(k)fluoranthene
Concen: 46.061 ng
RT: 23.244 min Scan# 331
Delta R.T. -0.006 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Instrument :
BNA_M
ClientSampleId :
PB151576BS

Tgt Ion:252 Resp: 335424
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.7 8.9 13.3

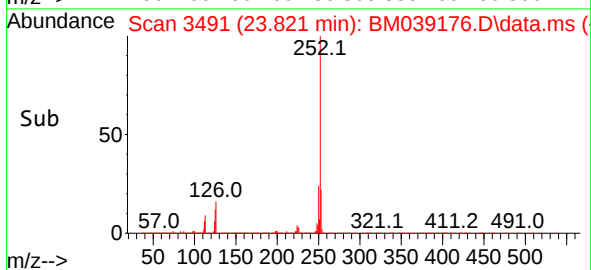
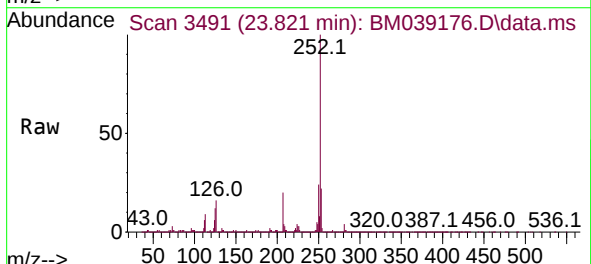
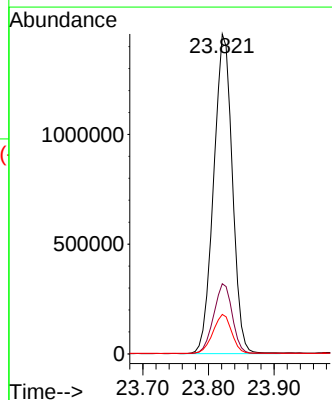
Manual Integrations
APPROVED

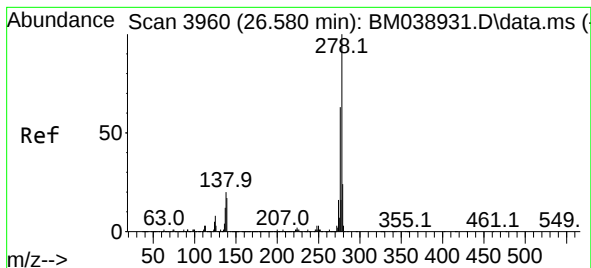
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#90
Benzo(a)pyrene
Concen: 42.858 ng
RT: 23.821 min Scan# 3491
Delta R.T. -0.012 min
Lab File: BM039176.D
Acq: 28 Mar 2023 12:58

Tgt Ion:252 Resp: 2886247
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 42.553 ng

RT: 26.468 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

Instrument :

BNA_M

ClientSampleId :

PB151576BS

Tgt Ion:278 Resp: 300341

Ion Ratio Lower Upper

278 100

139 17.1 13.7 20.5

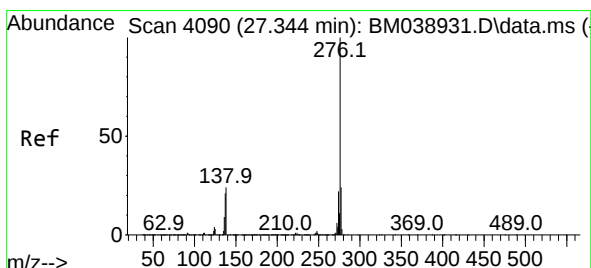
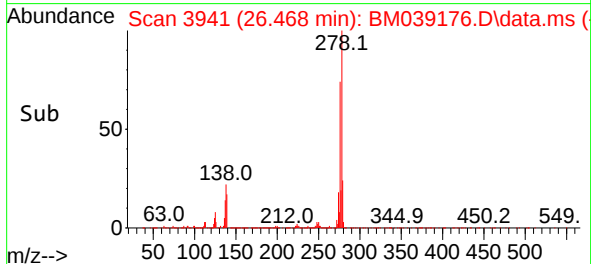
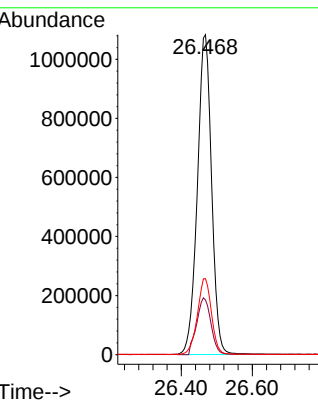
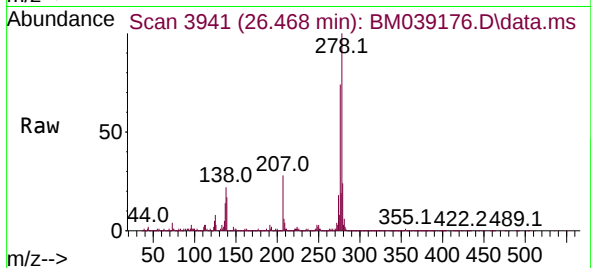
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#92

Benzo(g,h,i)perylene

Concen: 42.212 ng

RT: 27.227 min Scan# 4070

Delta R.T. -0.018 min

Lab File: BM039176.D

Acq: 28 Mar 2023 12:58

Tgt Ion:276 Resp: 2914874

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 24.3 19.0 28.6

