

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039178.D
 Acq On : 28 Mar 2023 14:12
 Operator : CG/JU
 Sample : PB151601BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151601BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 01:27:30 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	7.939	152	325026	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1362549	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	847861	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1688252	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1316595	20.000	ng	0.00
86) Perylene-d12	23.927	264	1235050	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	2666663	124.650	ng	0.00
7) Phenol-d6	7.116	99	3526279	126.900	ng	0.00
23) Nitrobenzene-d5	9.110	82	2106527	75.942	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	1235275	125.940	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	4605177	70.707	ng	0.00
79) Terphenyl-d14	19.950	244	5847742	81.207	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	356248	37.431	ng	99
3) Pyridine	3.769	79	936541	35.481	ng	99
4) n-Nitrosodimethylamine	3.681	42	422065	39.295	ng	94
6) Aniline	7.263	93	1514790	41.518	ng	98
8) 2-Chlorophenol	7.504	128	1195623	52.495	ng	98
9) Benzaldehyde	7.075	77	685210	51.819	ng	96
10) Phenol	7.140	94	1531096	51.886	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	1100486	45.869	ng	100
12) 1,3-Dichlorobenzene	7.828	146	1132356	46.783	ng	98
13) 1,4-Dichlorobenzene	7.975	146	1157472	47.020	ng	99
14) 1,2-Dichlorobenzene	8.292	146	1123171	47.367	ng	100
15) Benzyl Alcohol	8.187	79	1039581	52.195	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1459847	48.180	ng	99
17) 2-Methylphenol	8.392	107	1032893	50.954	ng	99
18) Hexachloroethane	9.022	117	443291	48.807	ng	95
19) n-Nitroso-di-n-propyla...	8.757	70	898197	51.318	ng	97
20) 3+4-Methylphenols	8.722	107	1403136	51.840	ng	98
22) Acetophenone	8.775	105	1744993	45.647	ng	# 97
24) Nitrobenzene	9.151	77	1286219	44.116	ng	98
25) Isophorone	9.681	82	2461151	48.215	ng	100
26) 2-Nitrophenol	9.863	139	645110	49.980	ng	96
27) 2,4-Dimethylphenol	9.928	122	1162185	52.253	ng	99
28) bis(2-Chloroethoxy)met...	10.163	93	1572797	47.954	ng	100
29) 2,4-Dichlorophenol	10.404	162	1127875	53.487	ng	99
30) 1,2,4-Trichlorobenzene	10.616	180	1069392	46.409	ng	99
31) Naphthalene	10.804	128	3430739	44.156	ng	100
32) Benzoic acid	10.104	122	912736	54.984	ng	100
33) 4-Chloroaniline	10.916	127	711663	21.493	ng	100
34) Hexachlorobutadiene	11.080	225	601621	45.529	ng	98
35) Caprolactam	11.727	113	359435m	56.005	ng	
36) 4-Chloro-3-methylphenol	12.045	107	1193368	53.147	ng	100
37) 2-Methylnaphthalene	12.410	142	2364113	45.398	ng	99
38) 1-Methylnaphthalene	12.627	142	2217310	45.435	ng	100
40) 1,2,4,5-Tetrachloroben...	12.780	216	1204413	43.696	ng	100
41) Hexachlorocyclopentadiene	12.757	237	1307327	86.407	ng	98
43) 2,4,6-Trichlorophenol	13.021	196	878535	49.221	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	950589	45.500	ng	97
46) 1,1'-Biphenyl	13.421	154	3165407	44.069	ng	99
47) 2-Chloronaphthalene	13.463	162	2413461	44.559	ng	99
48) 2-Nitroaniline	13.669	65	788575	45.589	ng	96
49) Acenaphthylene	14.310	152	3836192	44.465	ng	100
50) Dimethylphthalate	14.045	163	2989580	45.823	ng	99
51) 2,6-Dinitrotoluene	14.168	165	668901	46.403	ng	94
52) Acenaphthene	14.651	154	2268627	42.787	ng	99
53) 3-Nitroaniline	14.498	138	474653	28.798	ng	92
54) 2,4-Dinitrophenol	14.704	184	898268	106.477	ng	91
55) Dibenzofuran	14.980	168	3600326	43.393	ng	99
56) 4-Nitrophenol	14.815	139	1245078	96.091	ng	96
57) 2,4-Dinitrotoluene	14.957	165	897823	47.314	ng	96
58) Fluorene	15.633	166	2881795	44.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	789865	49.022	ng	97
60) Diethylphthalate	15.404	149	3028872	47.713	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1439747	45.091	ng	99
62) 4-Nitroaniline	15.662	138	725914	42.491	ng	96
63) Azobenzene	15.915	77	3087225	45.961	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	546270	49.106	ng	95
66) n-Nitrosodiphenylamine	15.839	169	2537424	44.583	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	858151	47.061	ng	98
68) Hexachlorobenzene	16.633	284	966747	47.425	ng	100
69) Atrazine	16.798	200	841031	54.100	ng	98
70) Pentachlorophenol	16.980	266	1255346	83.728	ng	99
71) Phenanthrene	17.374	178	4286262	43.259	ng	100
72) Anthracene	17.462	178	4417262	44.704	ng	100
73) Carbazole	17.739	167	4027774	44.663	ng	100
74) Di-n-butylphthalate	18.298	149	5138472	46.764	ng	99
75) Fluoranthene	19.386	202	4504295	43.055	ng	99
77) Benzidine	19.574	184	2547451	81.137	ng	98
78) Pyrene	19.750	202	4747895	48.013	ng	100
80) Butylbenzylphthalate	20.645	149	2156362	51.057	ng	97
81) Benzo(a)anthracene	21.497	228	4342793	45.803	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1214400	41.675	ng	99
83) Chrysene	21.550	228	4011181	43.498	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	3114451	51.062	ng	100
85) Di-n-octyl phthalate	22.350	149	5100212	50.351	ng	98
87) Indeno(1,2,3-cd)pyrene	26.450	276	3898040	41.478	ng	100
88) Benzo(b)fluoranthene	23.191	252	3834956	48.603	ng	100
89) Benzo(k)fluoranthene	23.244	252	3804246	46.328	ng	99
90) Benzo(a)pyrene	23.821	252	3289519	43.318	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	3272667	41.120	ng	99
92) Benzo(g,h,i)perylene	27.226	276	3173625	40.758	ng	99

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

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Manual Integrations

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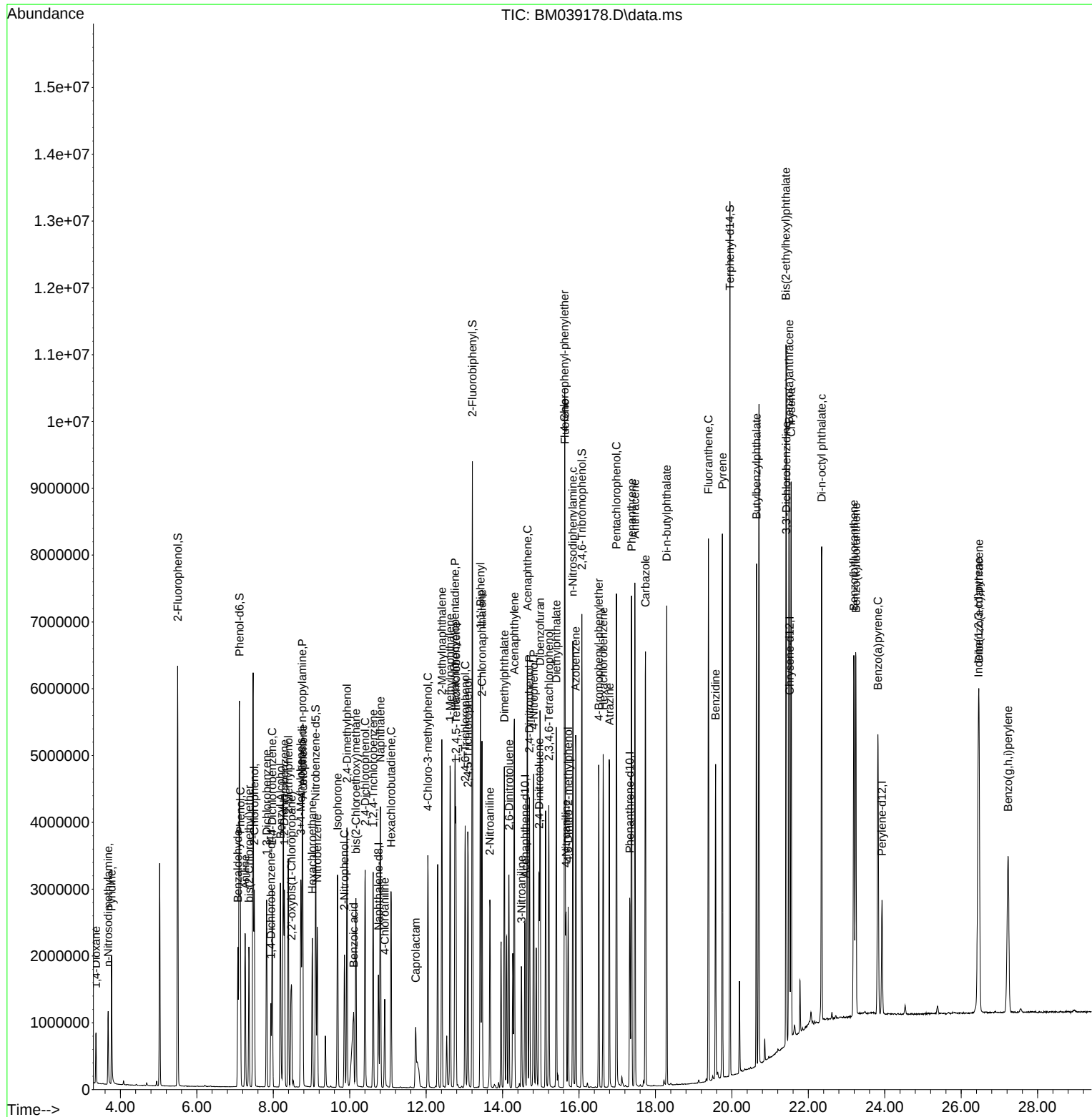
Quant Time: Mar 29 01:27:30 2023

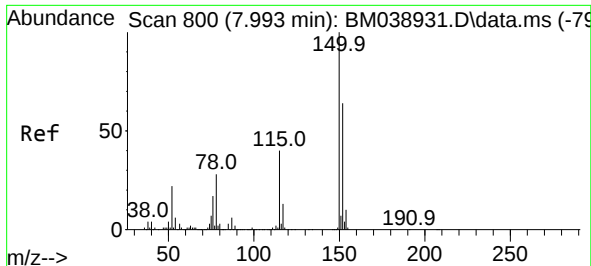
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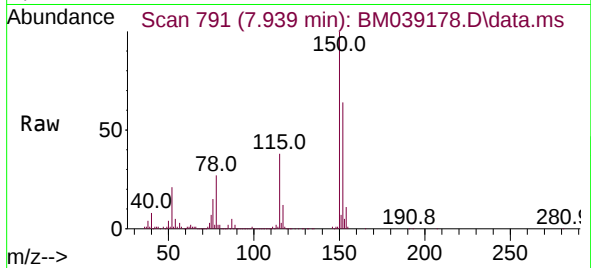
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

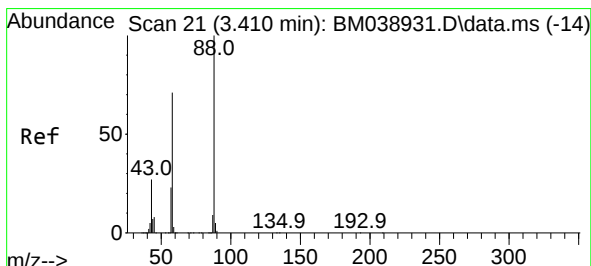
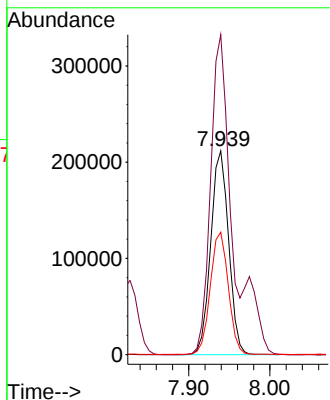
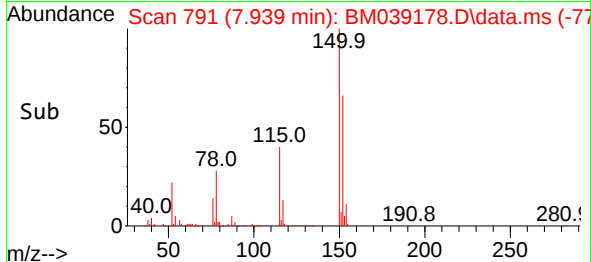
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BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:152 Resp: 325026
Ion Ratio Lower Upper
152 100
150 157.0 125.1 187.7
115 60.1 49.6 74.4

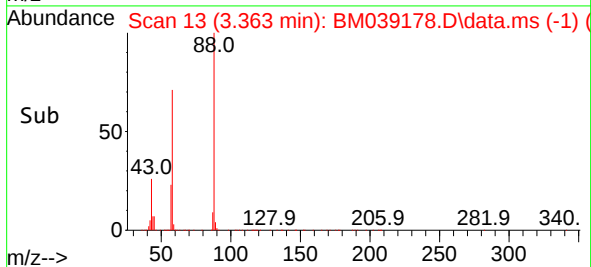
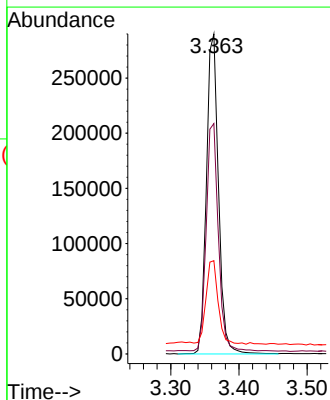
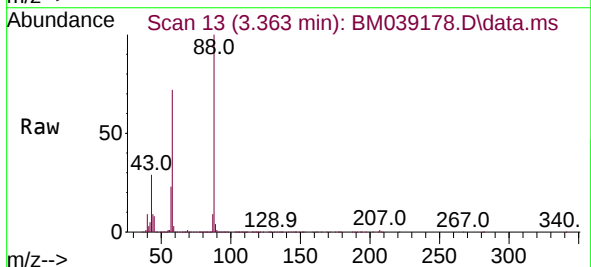
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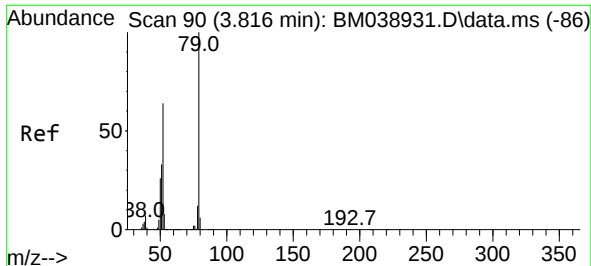
Reviewed By :Christian Giraldo 03/29/2023
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#2
1,4-Dioxane
Concen: 37.431 ng
RT: 3.363 min Scan# 13
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

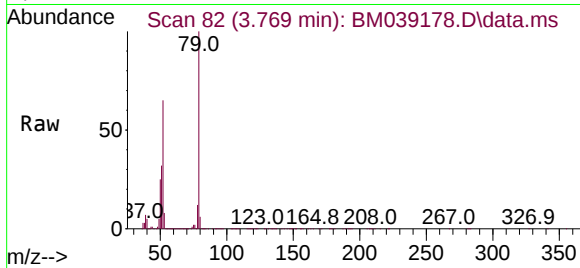
Tgt Ion: 88 Resp: 356248
Ion Ratio Lower Upper
88 100
58 71.7 57.2 85.8
43 25.6 22.0 33.0





#3
Pyridine
Concen: 35.481 ng
RT: 3.769 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

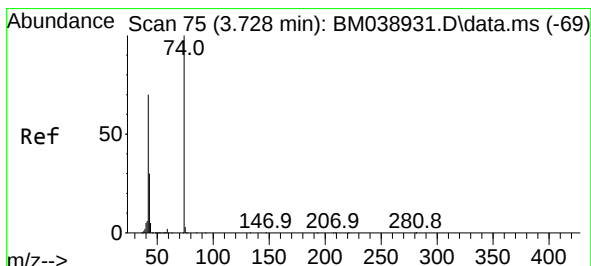
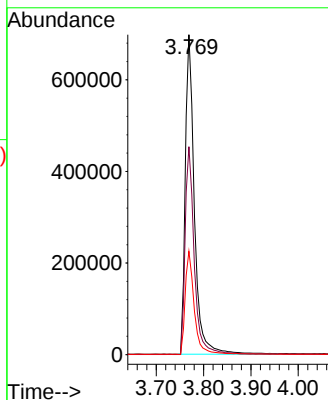
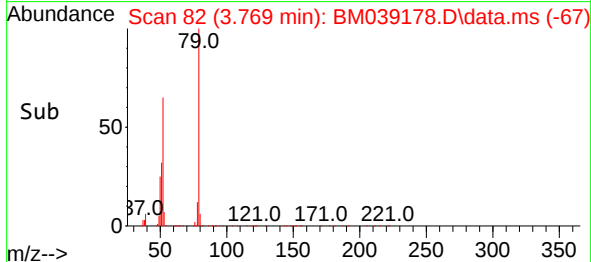
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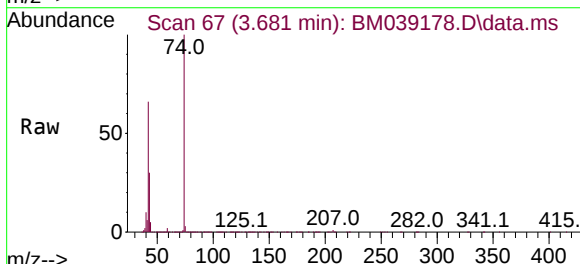
Tgt Ion: 79 Resp: 93654
Ion Ratio Lower Upper
79 100
52 65.0 51.4 77.2
51 32.3 26.6 40.0

Manual Integrations
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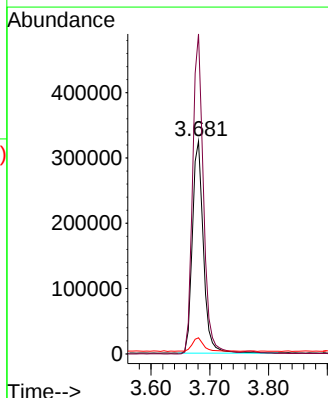
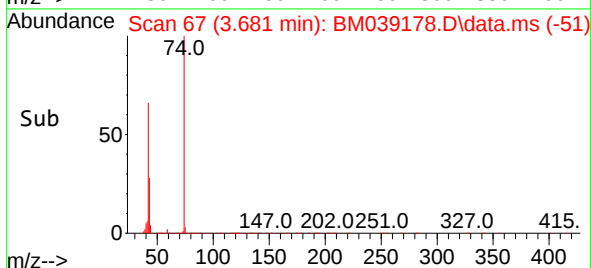
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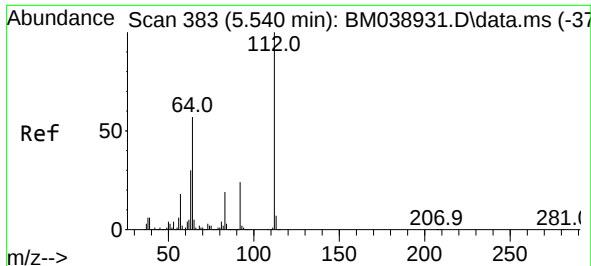


#4
n-Nitrosodimethylamine
Concen: 39.295 ng
RT: 3.681 min Scan# 67
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



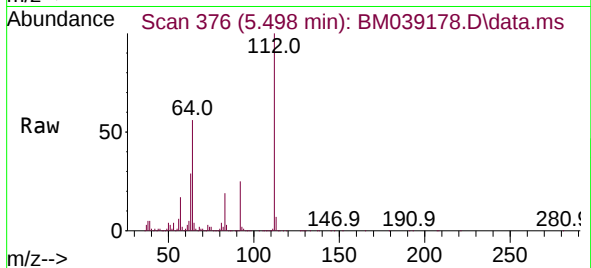
Tgt Ion: 42 Resp: 422065
Ion Ratio Lower Upper
42 100
74 150.4 113.8 170.8
44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 124.650 ng
RT: 5.498 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

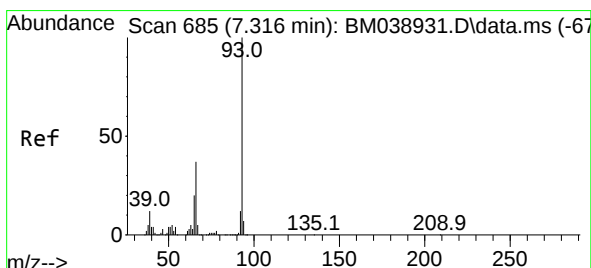
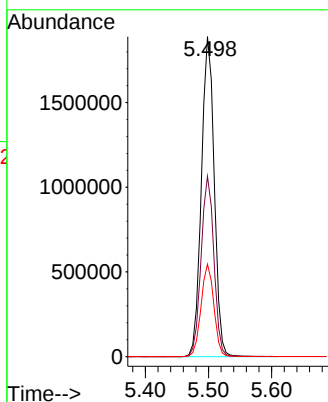
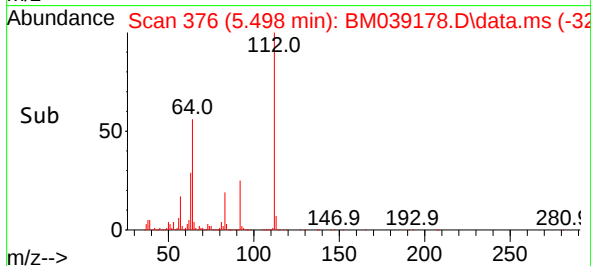
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ClientSampleId :
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Tgt Ion:112 Resp: 2666663
Ion Ratio Lower Upper
112 100
64 56.4 45.9 68.9
63 28.9 23.8 35.8

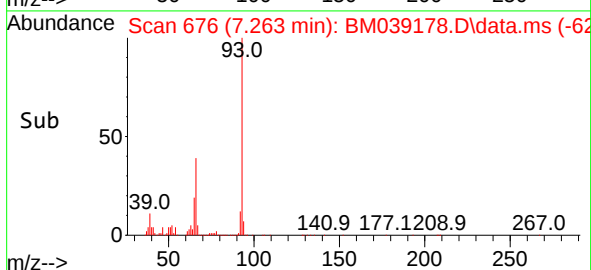
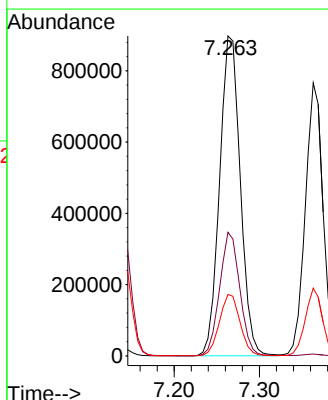
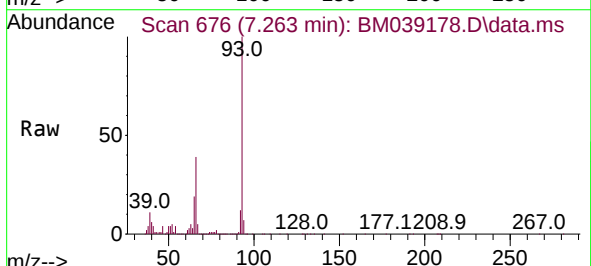
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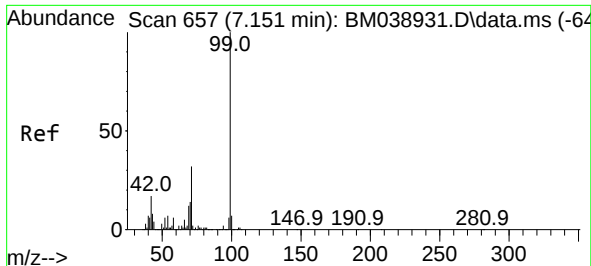
Reviewed By :Christian Giraldo 03/29/2023
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#6
Aniline
Concen: 41.518 ng
RT: 7.263 min Scan# 676
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

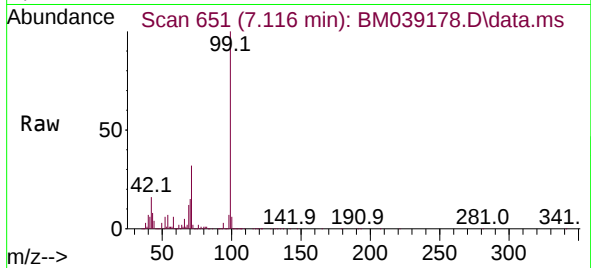
Tgt Ion: 93 Resp: 1514790
Ion Ratio Lower Upper
93 100
66 38.6 30.0 45.0
65 19.2 15.8 23.6





#7
Phenol-d6
Concen: 126.900 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

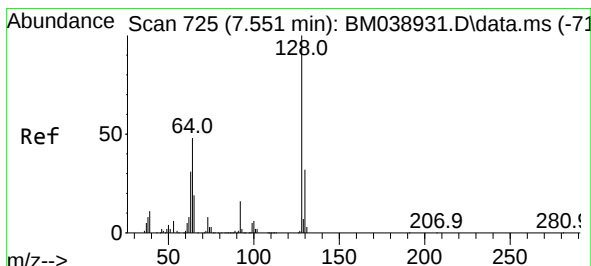
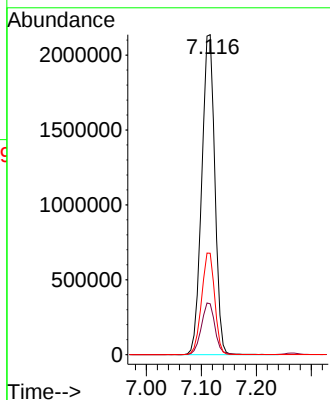
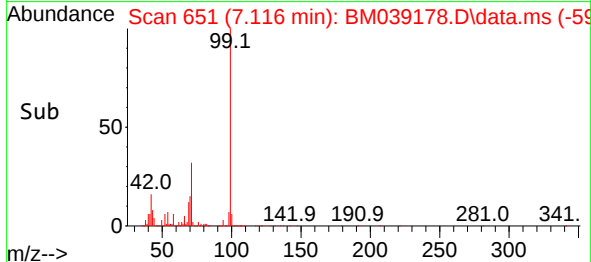
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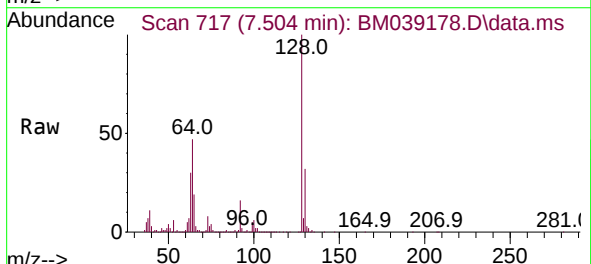
Tgt Ion: 99 Resp: 3526279
Ion Ratio Lower Upper
99 100
42 15.9 13.5 20.3
71 31.7 25.6 38.4

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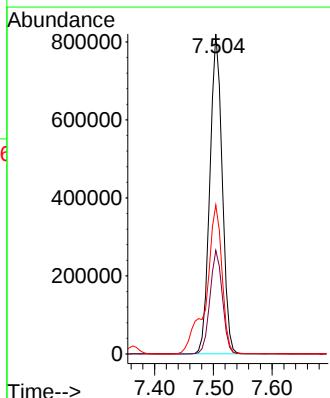
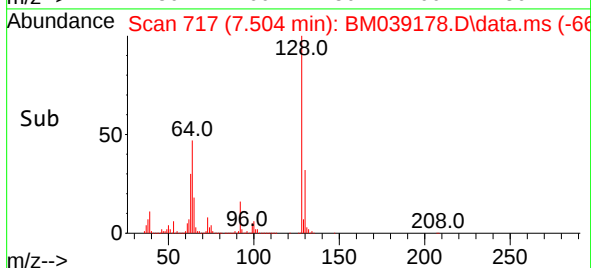
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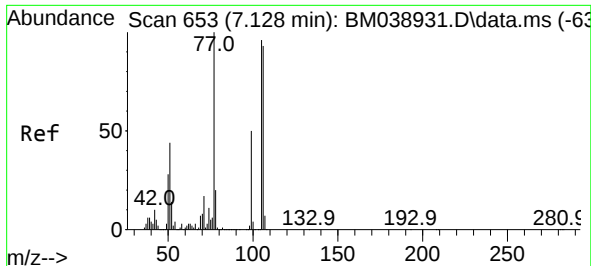


#8
2-Chlorophenol
Concen: 52.495 ng
RT: 7.504 min Scan# 717
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



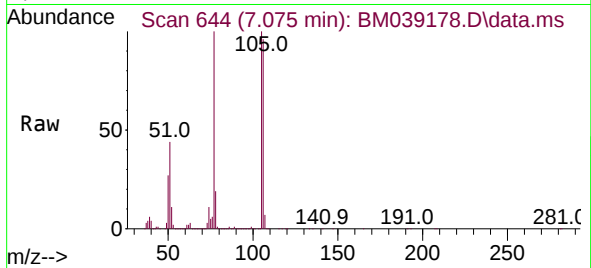
Tgt Ion:128 Resp: 1195623
Ion Ratio Lower Upper
128 100
130 32.3 11.9 51.9
64 46.5 28.6 68.6





#9
Benzaldehyde
Concen: 51.819 ng
RT: 7.075 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039178.D
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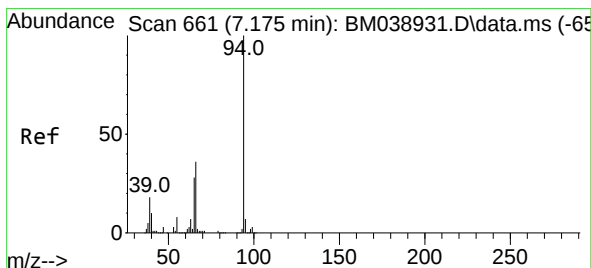
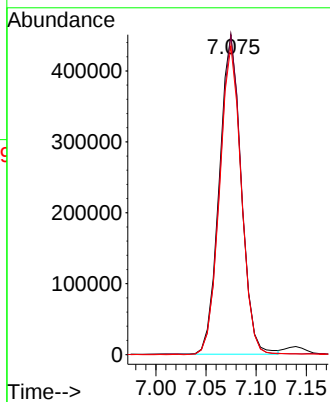
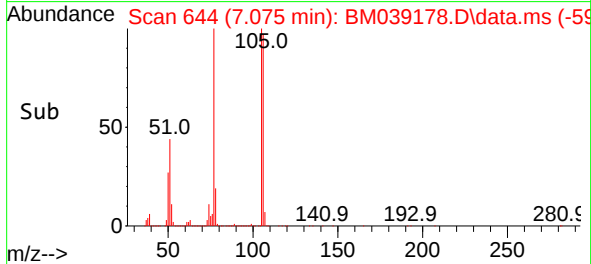
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Tgt Ion: 77 Resp: 685210
Ion Ratio Lower Upper
77 100
105 99.9 75.8 115.8
106 96.5 72.6 112.6

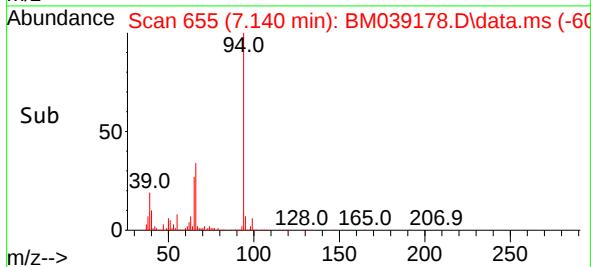
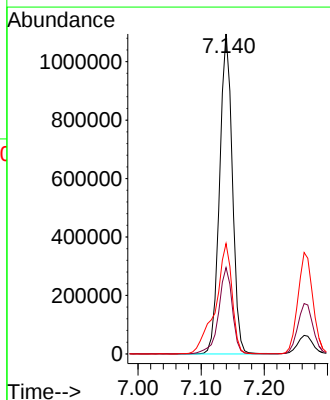
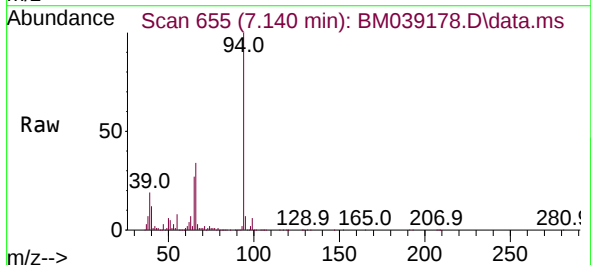
Manual Integrations
APPROVED

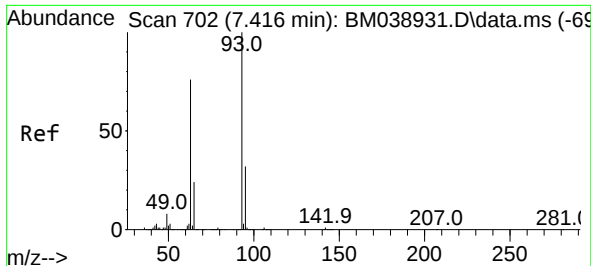
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#10
Phenol
Concen: 51.886 ng
RT: 7.140 min Scan# 655
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

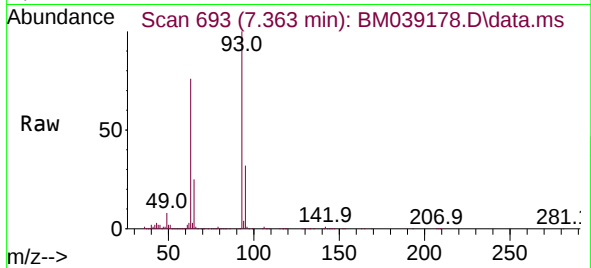
Tgt Ion: 94 Resp: 1531096
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 34.5 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 45.869 ng
RT: 7.363 min Scan# 69
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

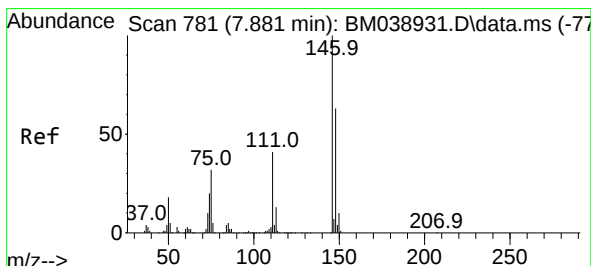
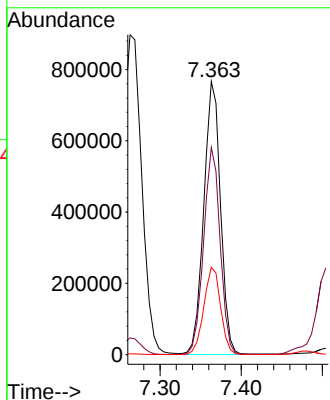
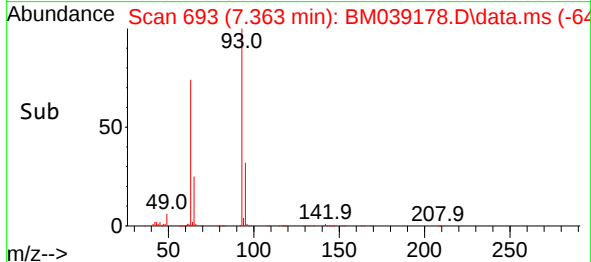
Instrument :
BNA_M
ClientSampleId :
PB151601BS



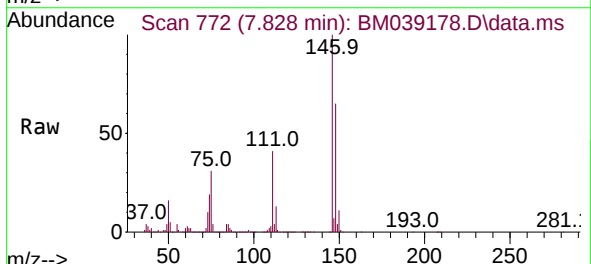
Tgt Ion: 93 Resp: 1100486
Ion Ratio Lower Upper
93 100
63 75.8 55.8 95.8
95 32.0 12.2 52.2

Manual Integrations
APPROVED

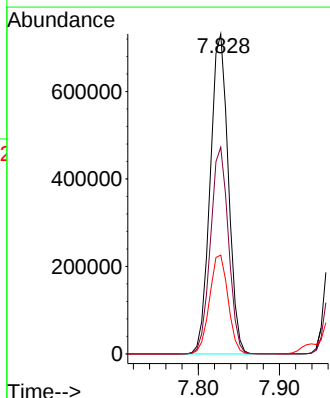
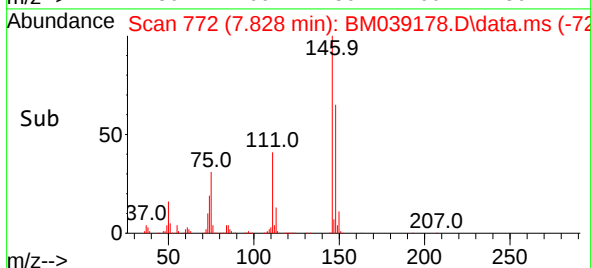
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

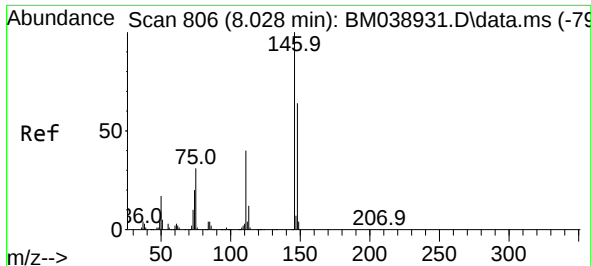


#12
1,3-Dichlorobenzene
Concen: 46.783 ng
RT: 7.828 min Scan# 772
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



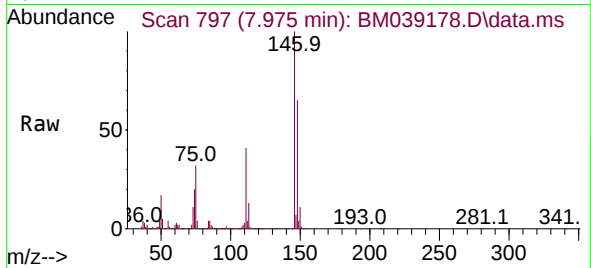
Tgt Ion:146 Resp: 1132356
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 30.9 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 47.020 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

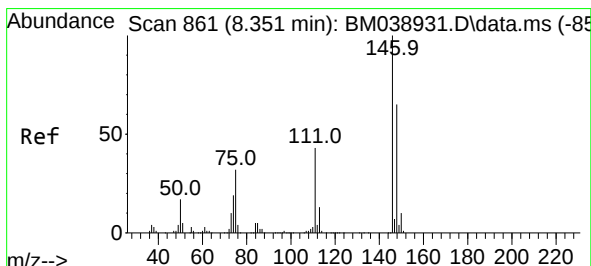
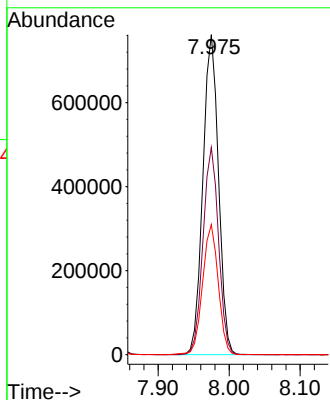
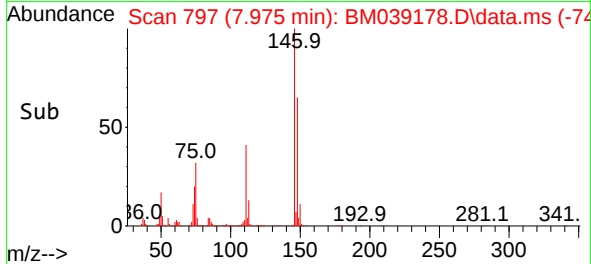
Instrument :
BNA_M
ClientSampleId :
PB151601BS



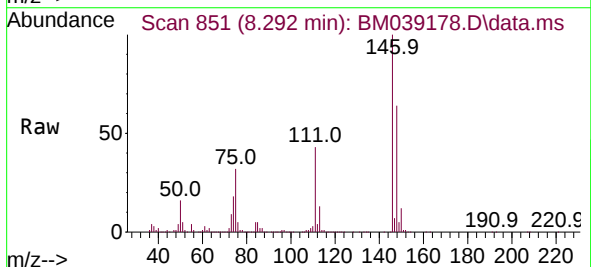
Tgt Ion:146 Resp: 1157472
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 40.6 32.2 48.4

Manual Integrations
APPROVED

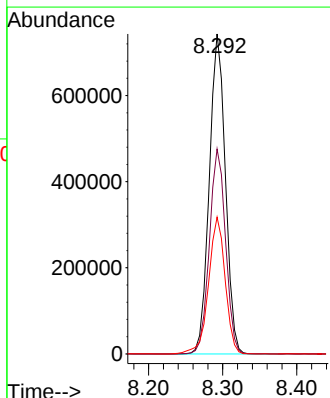
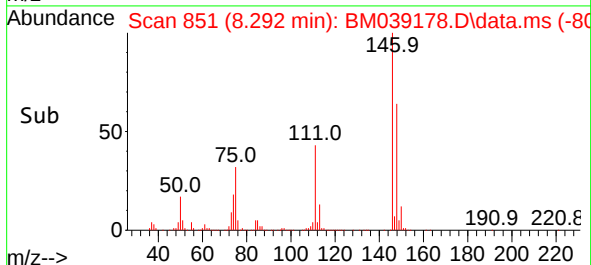
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

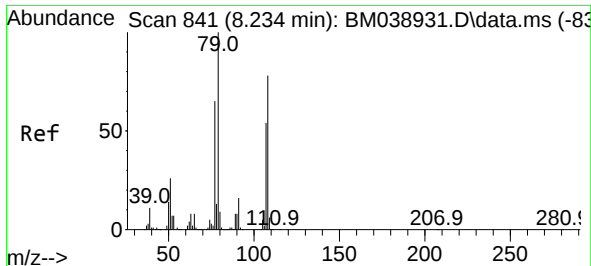


#14
1,2-Dichlorobenzene
Concen: 47.367 ng
RT: 8.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



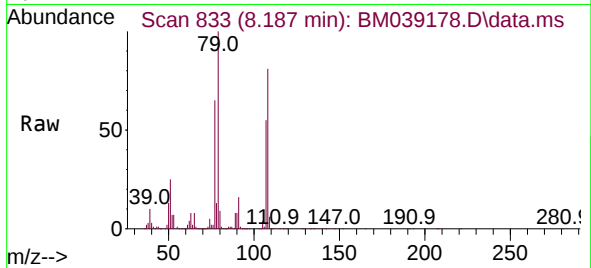
Tgt Ion:146 Resp: 1123171
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 42.7 34.2 51.4





#15
Benzyl Alcohol
Concen: 52.195 ng
RT: 8.187 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

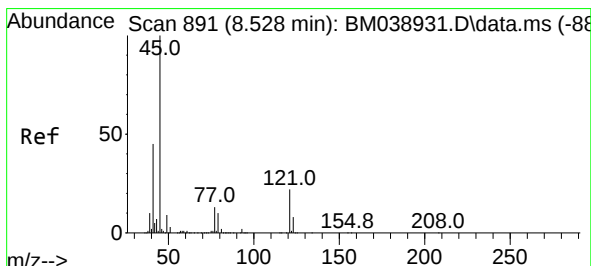
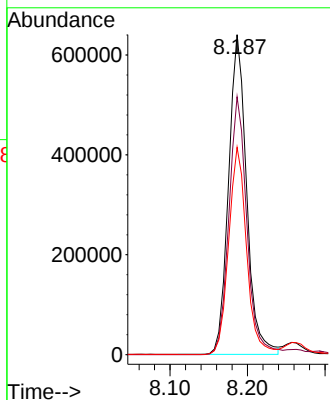
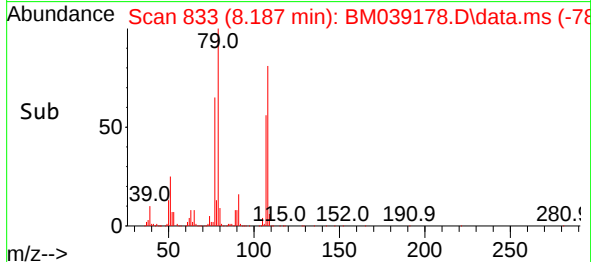
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion: 79 Resp: 1039581
Ion Ratio Lower Upper
79 100
108 80.6 62.4 93.6
77 64.8 52.2 78.4

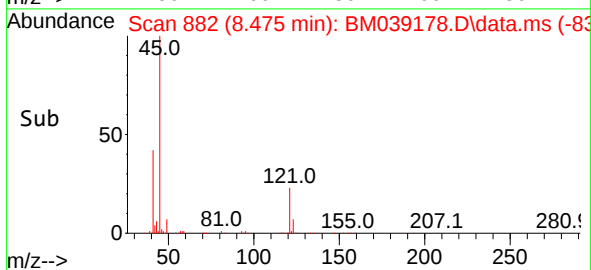
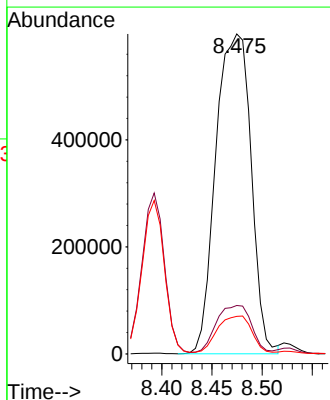
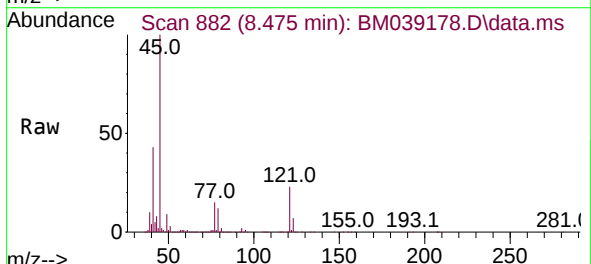
Manual Integrations
APPROVED

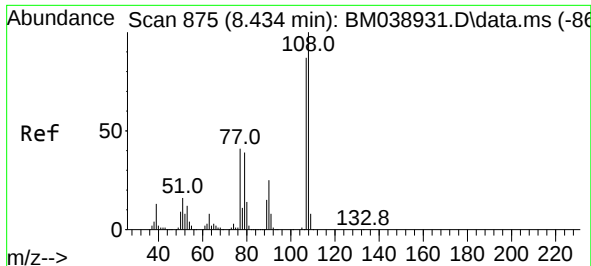
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.180 ng
RT: 8.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

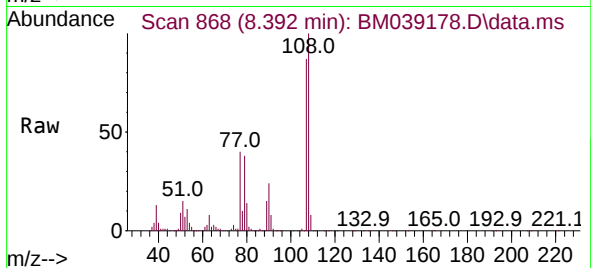
Tgt Ion: 45 Resp: 1459847
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.7 0.0 31.5





#17
2-Methylphenol
Concen: 50.954 ng
RT: 8.392 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

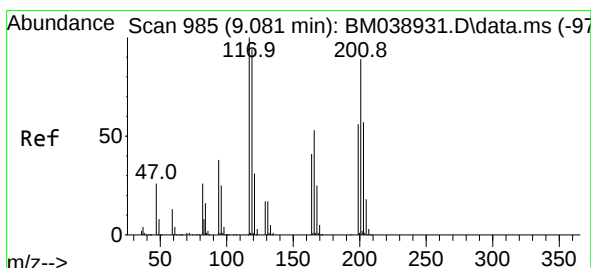
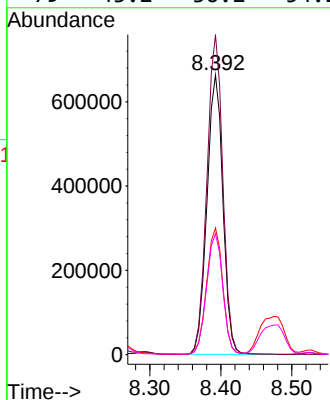
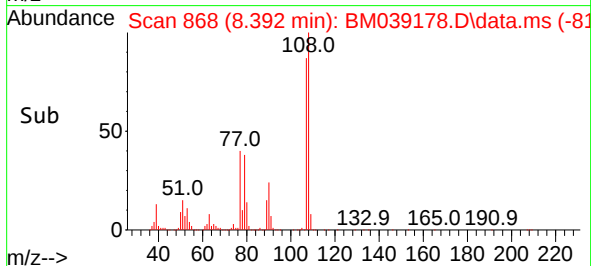
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:107 Resp: 1032893
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 45.3 37.4 56.2
79 43.2 36.2 54.2

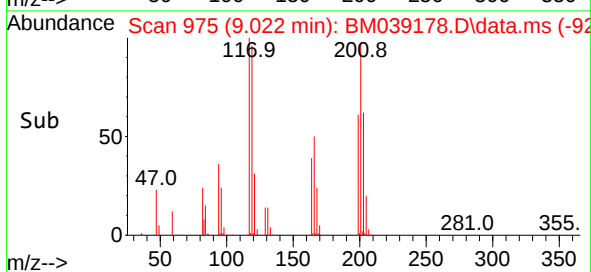
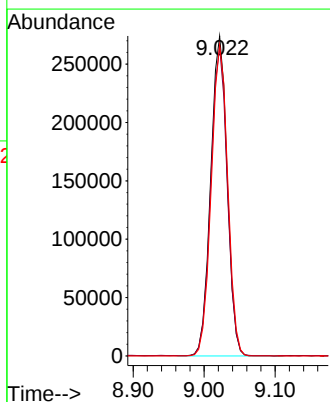
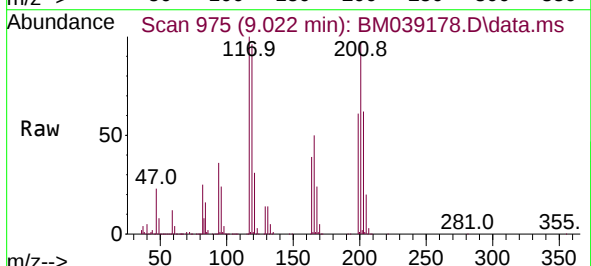
Manual Integrations
APPROVED

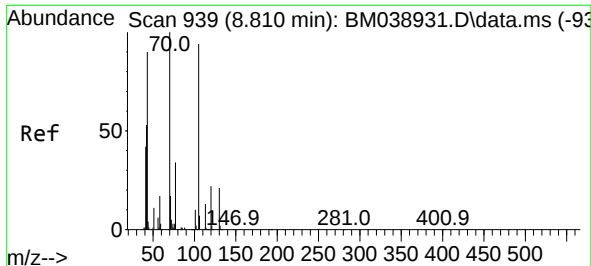
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#18
Hexachloroethane
Concen: 48.807 ng
RT: 9.022 min Scan# 975
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Tgt Ion:117 Resp: 443291
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
201 97.2 71.3 106.9





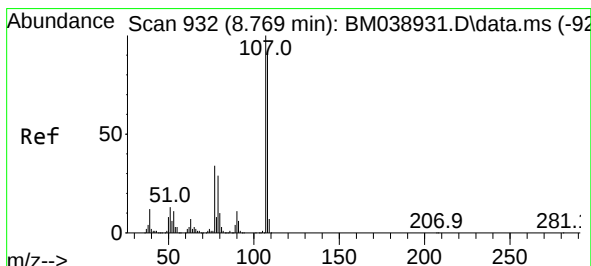
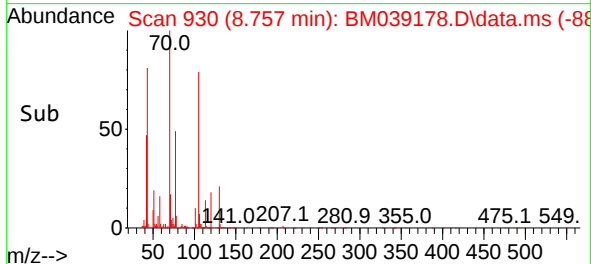
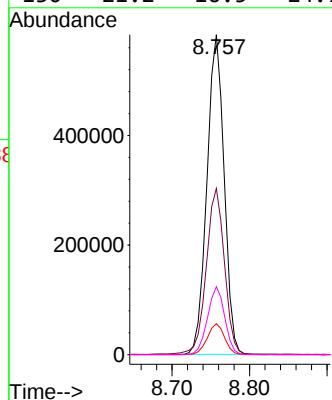
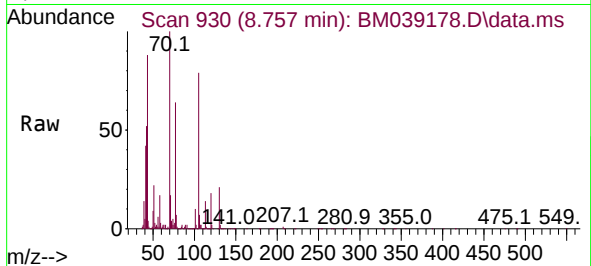
#19
n-Nitroso-di-n-propylamine
Concen: 51.318 ng
RT: 8.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Instrument :
BNA_M
ClientSampleId :
PB151601BS

Tgt Ion: 70 Resp: 898197
Ion Ratio Lower Upper
70 100
42 51.9 43.4 65.2
101 9.7 7.6 11.4
130 21.2 16.5 24.7

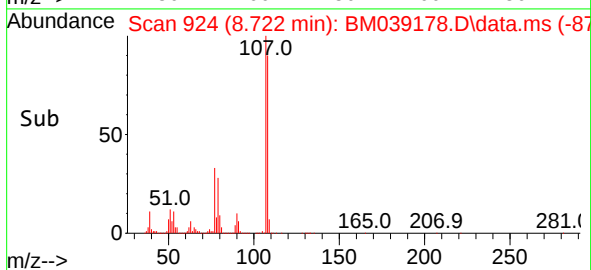
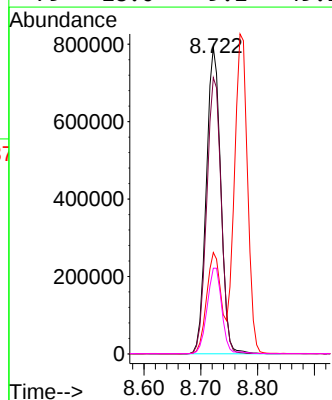
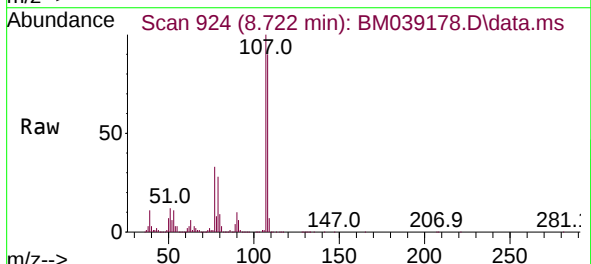
Manual Integrations
APPROVED

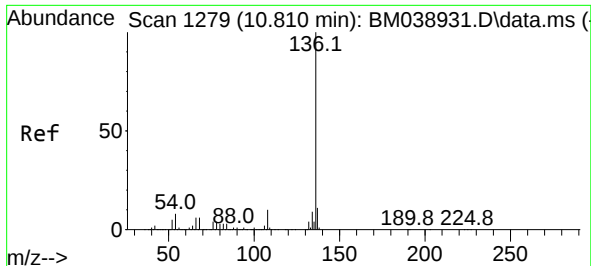
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#20
3+4-Methylphenols
Concen: 51.840 ng
RT: 8.722 min Scan# 924
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

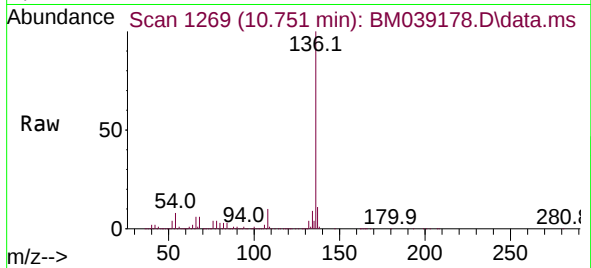
Tgt Ion:107 Resp: 1403136
Ion Ratio Lower Upper
107 100
108 90.1 71.8 111.8
77 33.1 13.6 53.6
79 28.0 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

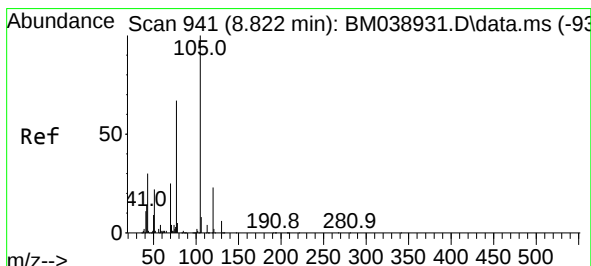
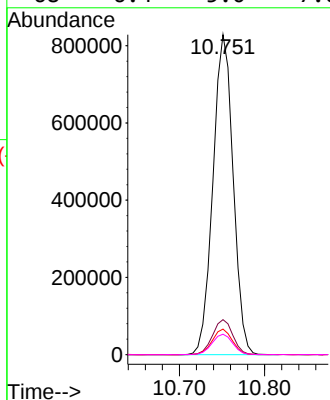
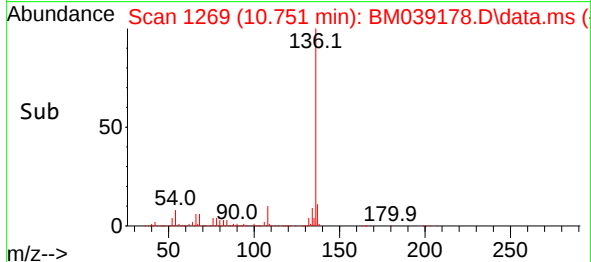
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:136 Resp: 1362549
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.0 6.3 9.5
68 6.4 5.0 7.6

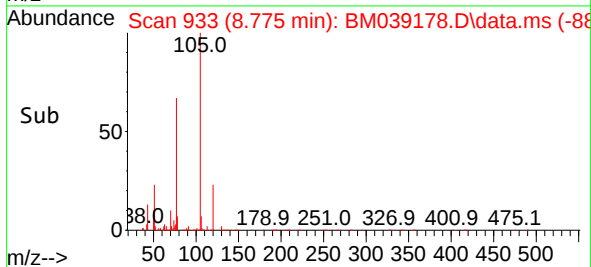
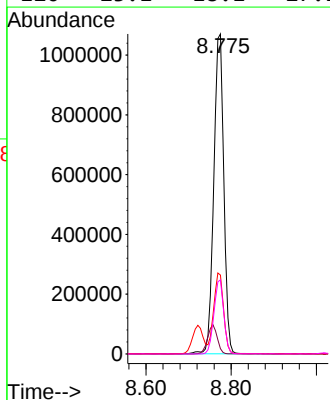
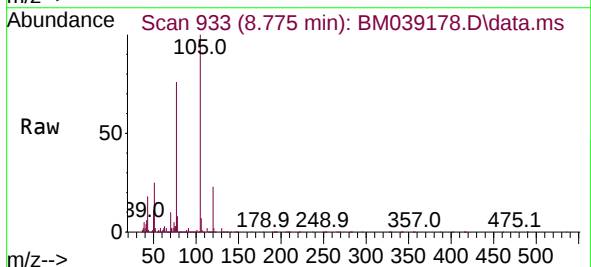
Manual Integrations
APPROVED

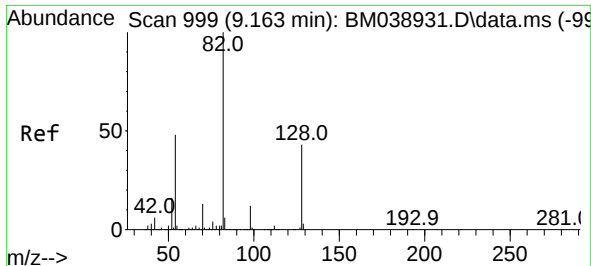
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#22
Acetophenone
Concen: 45.647 ng
RT: 8.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Tgt Ion:105 Resp: 1744993
Ion Ratio Lower Upper
105 100
71 1.6 3.4 5.0#
51 24.6 21.0 31.4
120 23.1 18.1 27.1





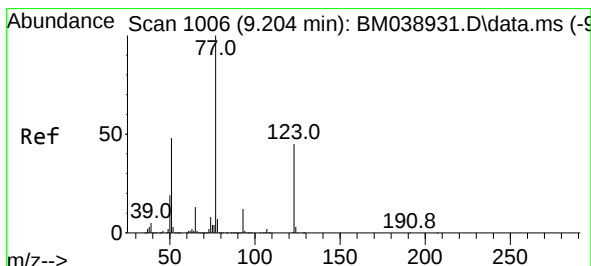
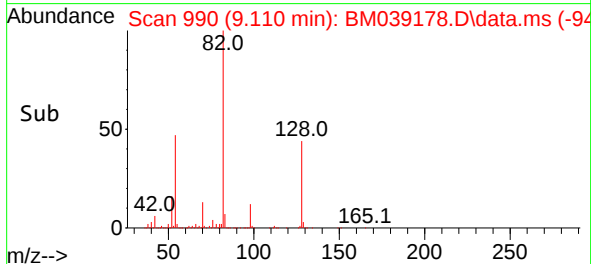
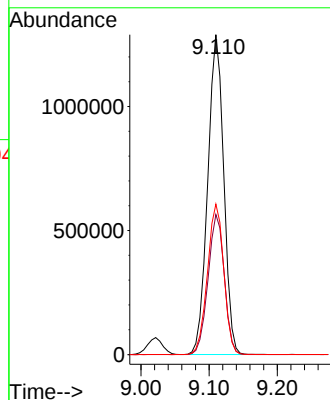
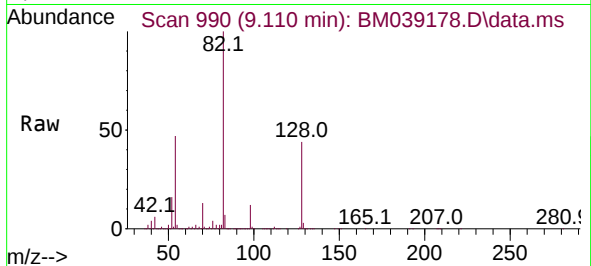
#23
Nitrobenzene-d5
Concen: 75.942 ng
RT: 9.110 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Instrument :
BNA_M
ClientSampleId :
PB151601BS

Tgt Ion: 82 Resp: 2106527
Ion Ratio Lower Upper
82 100
128 43.8 34.4 51.6
54 47.0 38.8 58.2

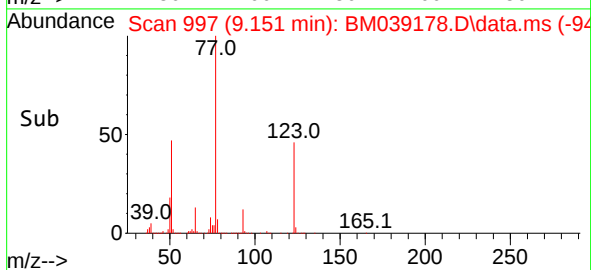
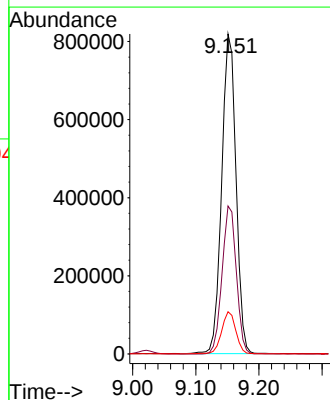
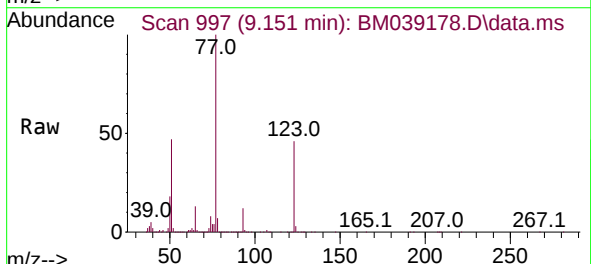
Manual Integrations
APPROVED

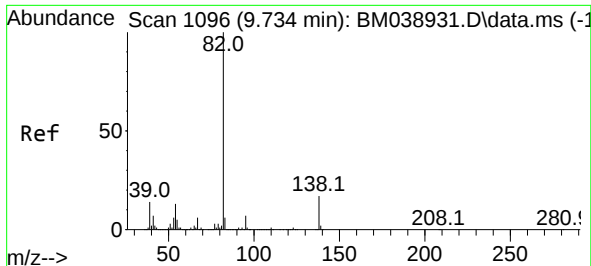
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#24
Nitrobenzene
Concen: 44.116 ng
RT: 9.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

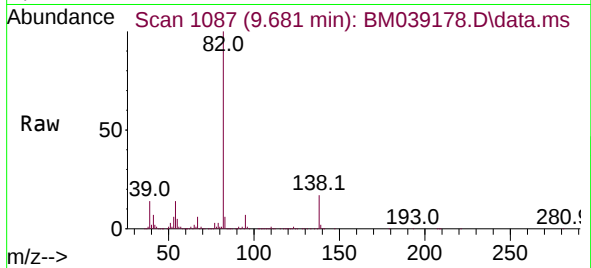
Tgt Ion: 77 Resp: 1286219
Ion Ratio Lower Upper
77 100
123 46.2 35.8 53.6
65 13.2 10.2 15.4





#25
Isophorone
Concen: 48.215 ng
RT: 9.681 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

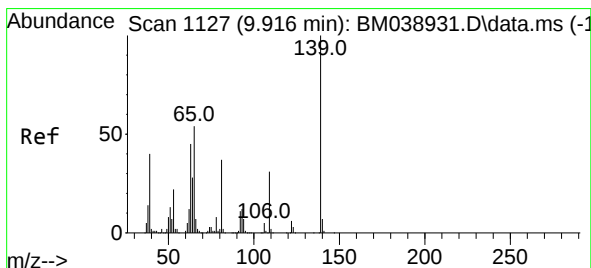
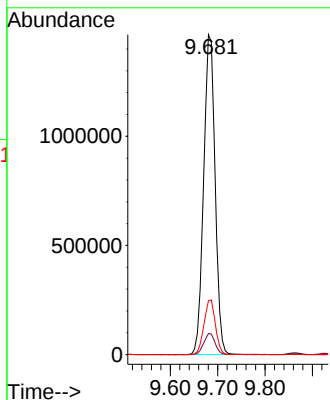
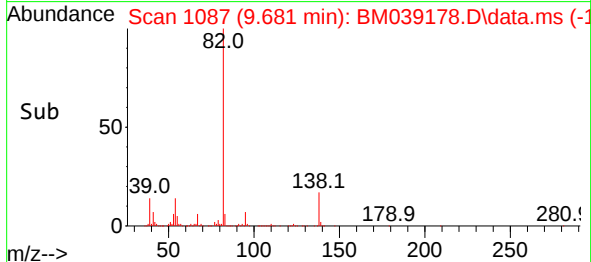
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion: 82 Resp: 246115
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.8 13.6 20.4

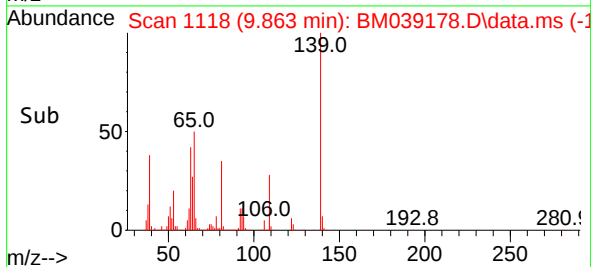
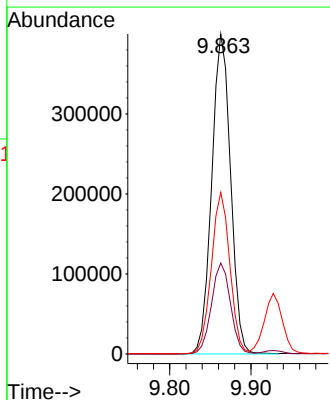
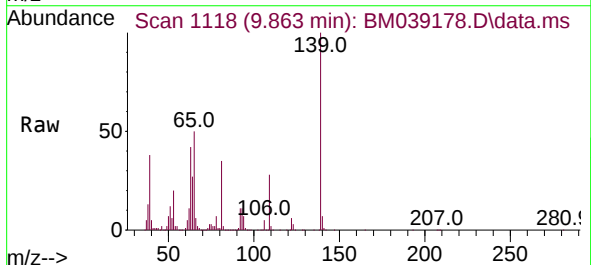
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 49.980 ng
RT: 9.863 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

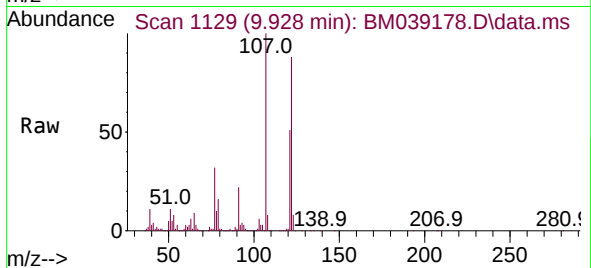
Tgt Ion:139 Resp: 645110
Ion Ratio Lower Upper
139 100
109 28.4 24.5 36.7
65 50.5 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 52.253 ng
RT: 9.928 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

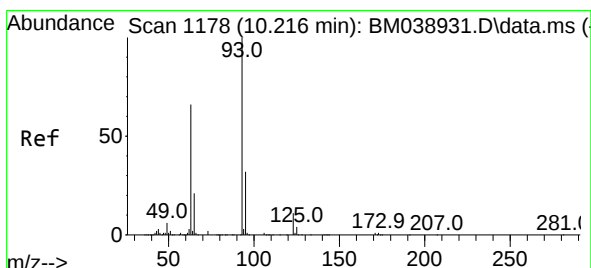
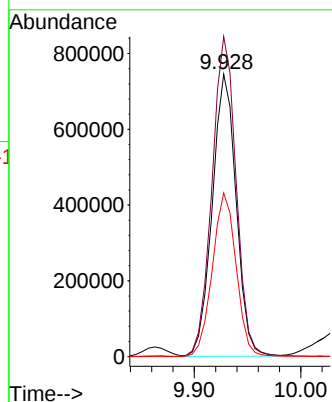
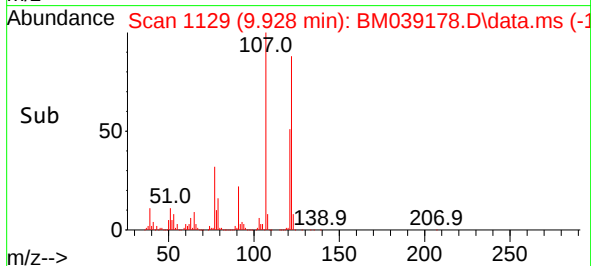
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:122 Resp: 1162185
Ion Ratio Lower Upper
122 100
107 113.3 91.0 136.4
121 57.9 45.1 67.7

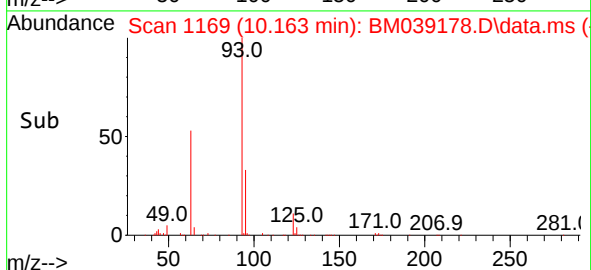
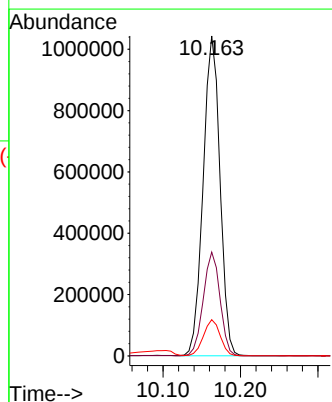
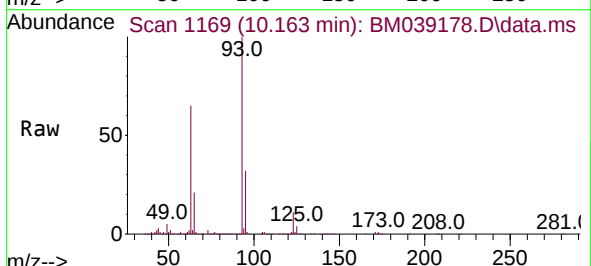
Manual Integrations
APPROVED

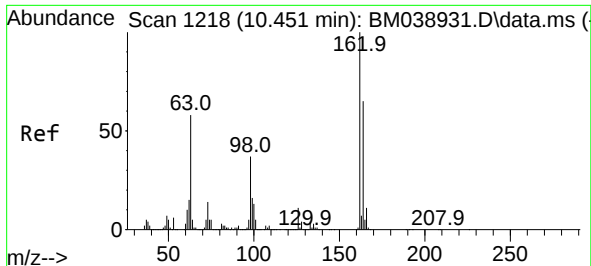
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.954 ng
RT: 10.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

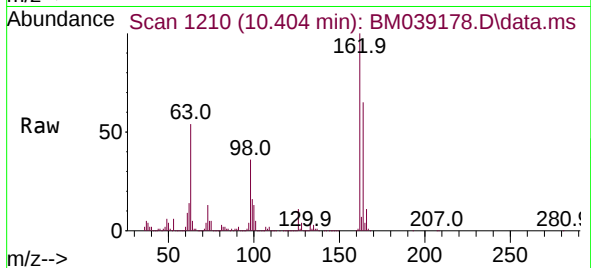
Tgt Ion: 93 Resp: 1572797
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.3 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 53.487 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

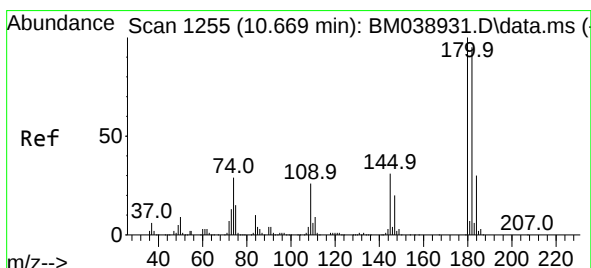
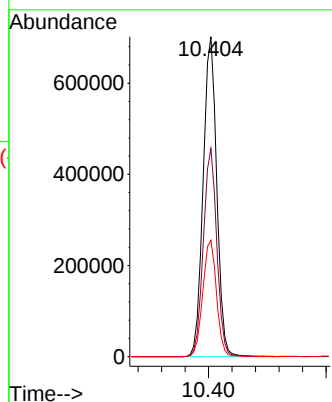
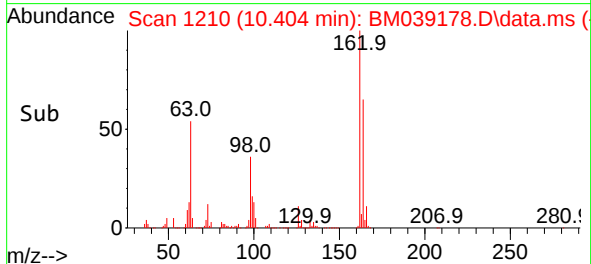
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:162 Resp: 1127875
Ion Ratio Lower Upper
162 100
164 65.0 44.6 84.6
98 36.4 17.5 57.5

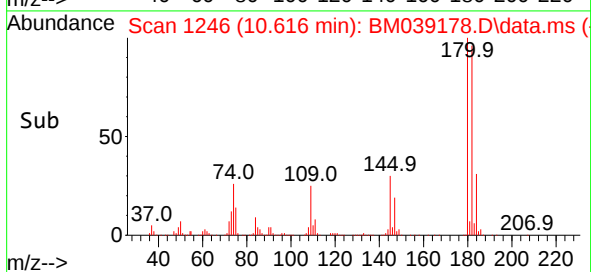
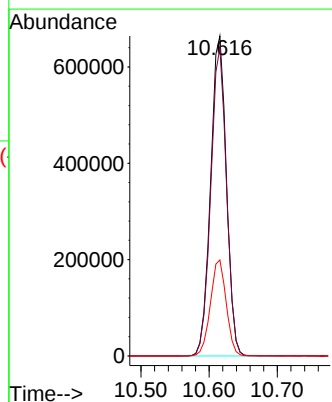
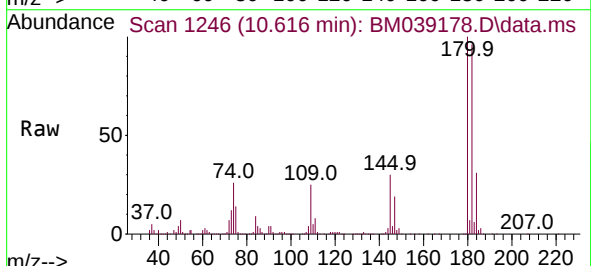
Manual Integrations
APPROVED

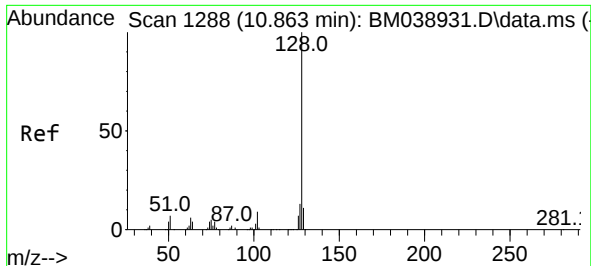
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.409 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

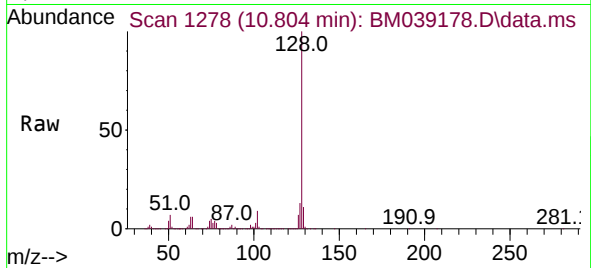
Tgt Ion:180 Resp: 1069392
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 30.0 25.0 37.4





#31
Naphthalene
Concen: 44.156 ng
RT: 10.804 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

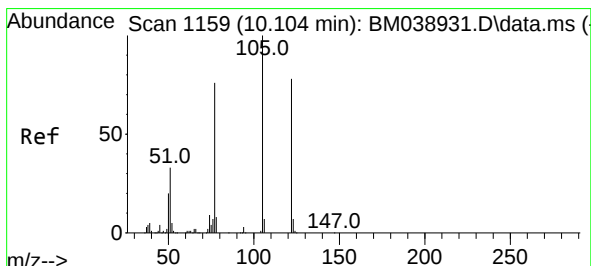
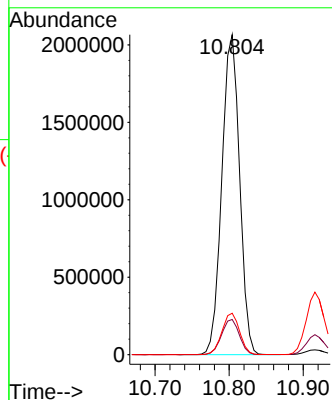
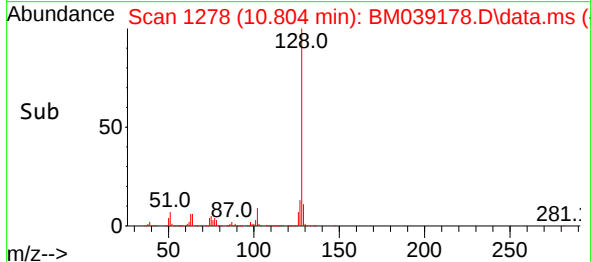
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:128 Resp: 3430739
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.2 15.4

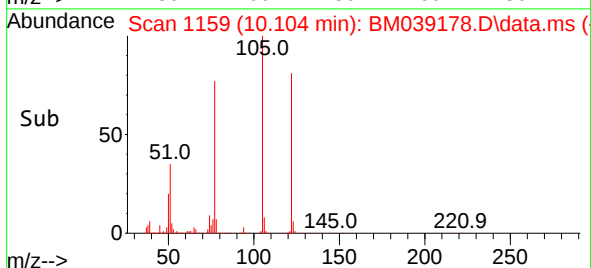
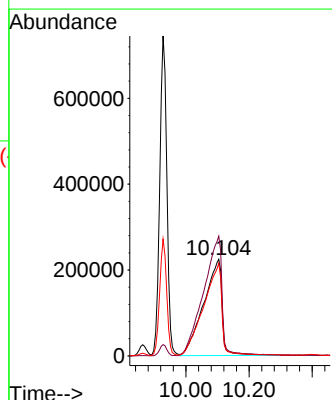
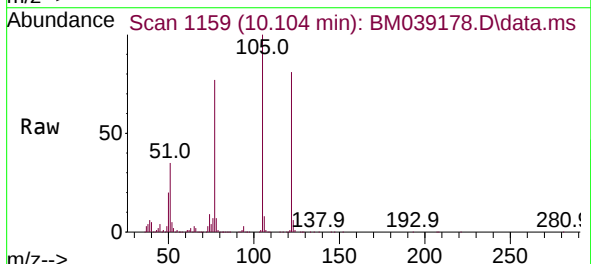
Manual Integrations
APPROVED

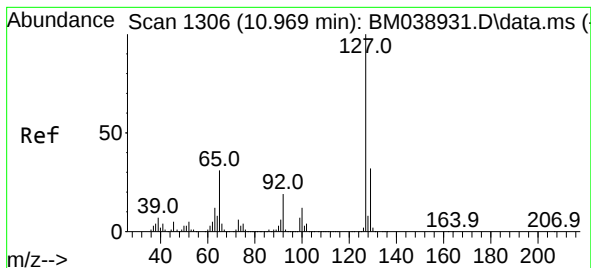
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#32
Benzoic acid
Concen: 54.984 ng
RT: 10.104 min Scan# 1159
Delta R.T. 0.029 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

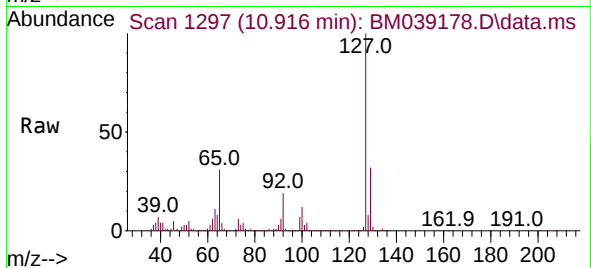
Tgt Ion:122 Resp: 912736
Ion Ratio Lower Upper
122 100
105 124.1 104.2 144.2
77 95.9 75.1 115.1





#33
4-Chloroaniline
Concen: 21.493 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

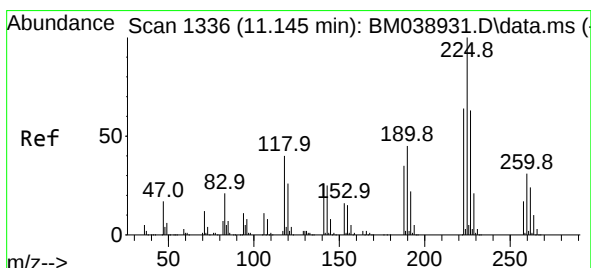
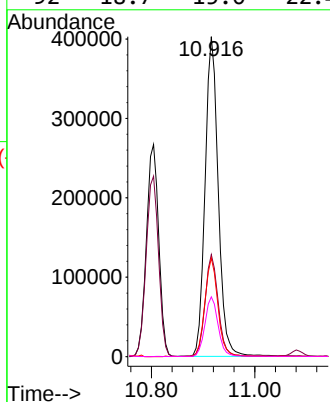
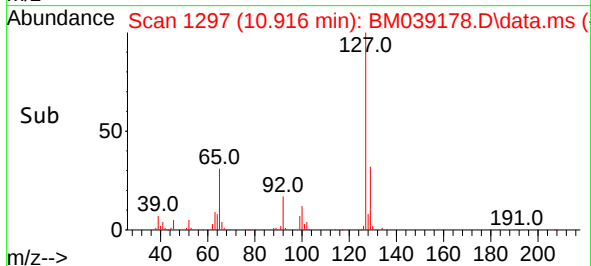
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:127 Resp: 711663
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 30.8 24.4 36.6
92 18.7 15.0 22.4

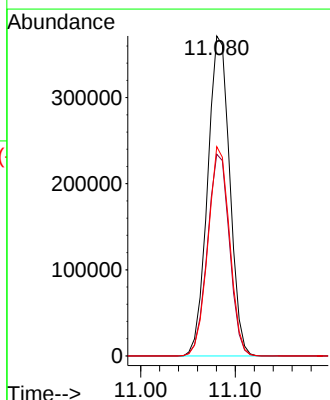
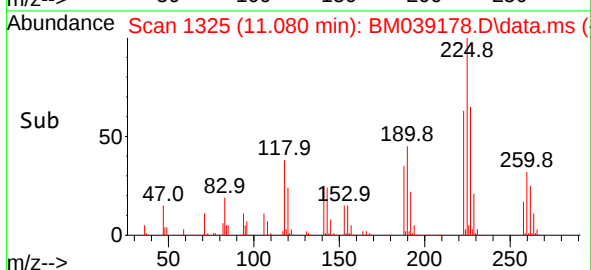
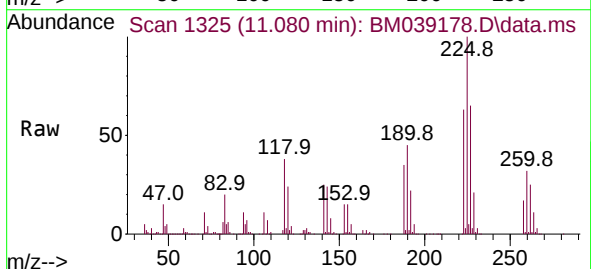
Manual Integrations
APPROVED

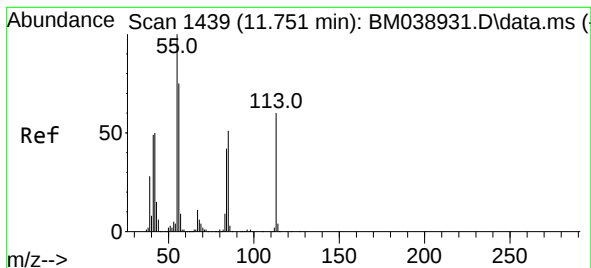
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#34
Hexachlorobutadiene
Concen: 45.529 ng
RT: 11.080 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

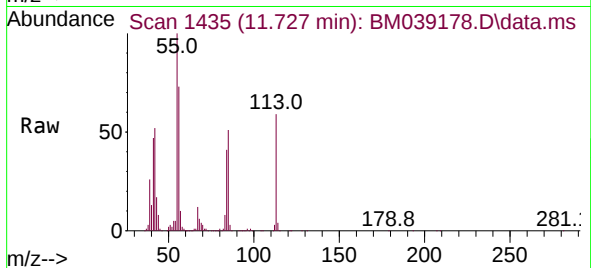
Tgt Ion:225 Resp: 601621
Ion Ratio Lower Upper
225 100
223 63.1 51.3 76.9
227 65.4 50.6 76.0





#35
Caprolactam
Concen: 56.005 ng m
RT: 11.727 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

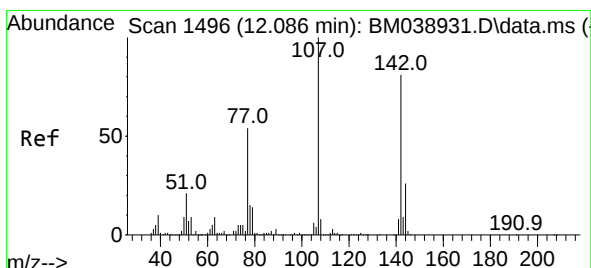
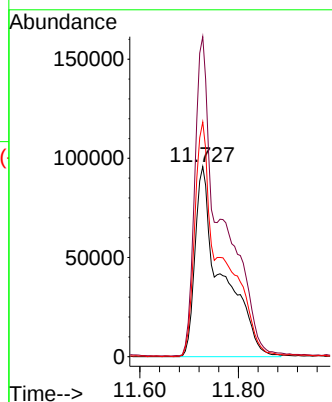
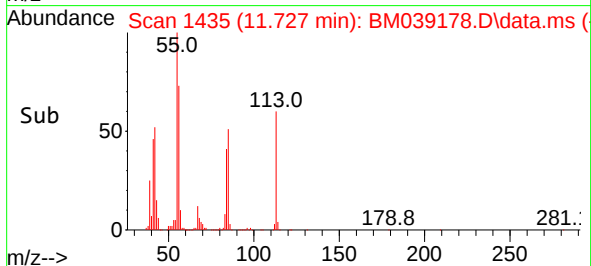
Instrument :
BNA_M
ClientSampleId :
PB151601BS



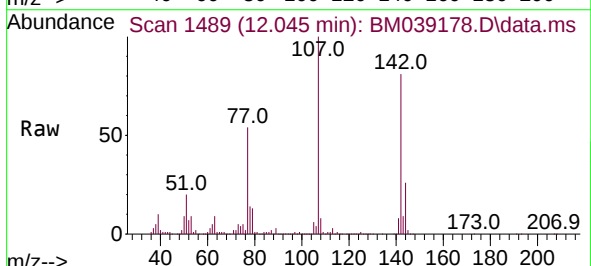
Tgt Ion:113 Resp: 359435
Ion Ratio Lower Upper
113 100
55 168.4 147.0 187.0
56 123.5 105.1 145.1

Manual Integrations
APPROVED

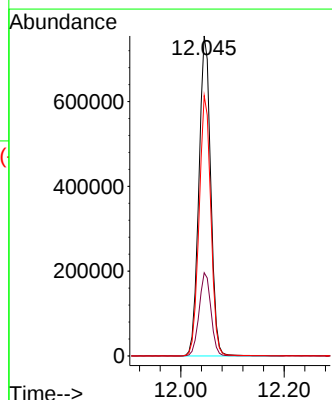
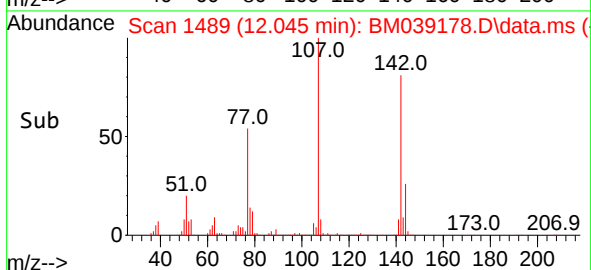
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

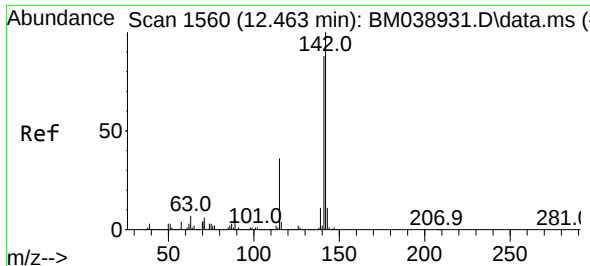


#36
4-Chloro-3-methylphenol
Concen: 53.147 ng
RT: 12.045 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



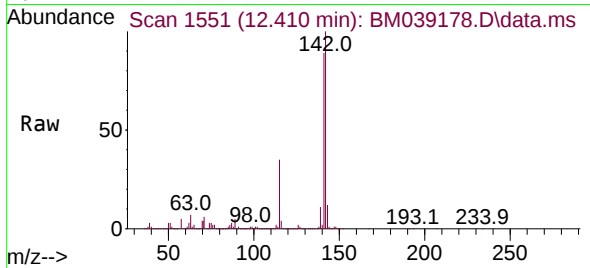
Tgt Ion:107 Resp: 1193368
Ion Ratio Lower Upper
107 100
144 26.0 20.7 31.1
142 81.3 64.6 97.0





#37
2-Methylnaphthalene
Concen: 45.398 ng
RT: 12.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

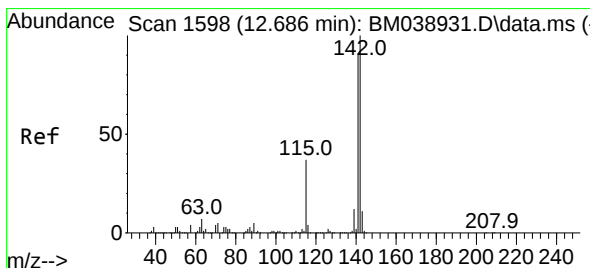
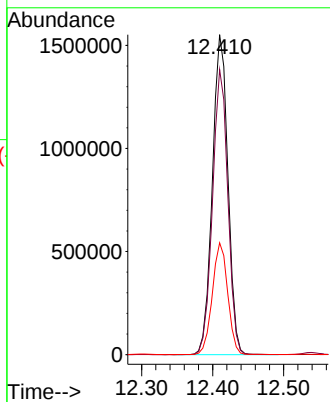
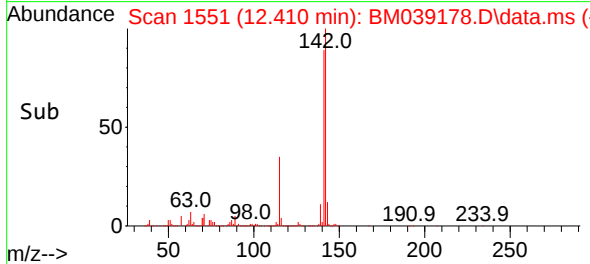
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:142 Resp: 2364113
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0
115 34.9 28.5 42.7

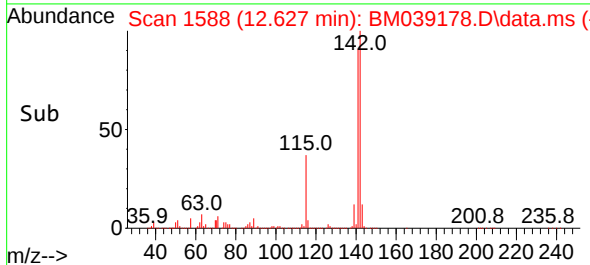
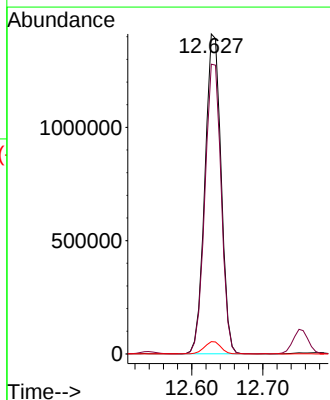
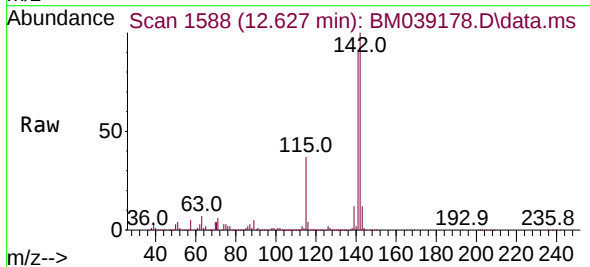
Manual Integrations
APPROVED

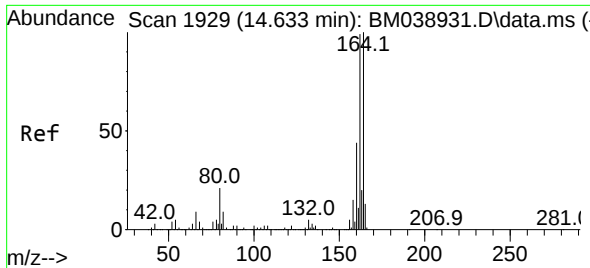
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#38
1-Methylnaphthalene
Concen: 45.435 ng
RT: 12.627 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

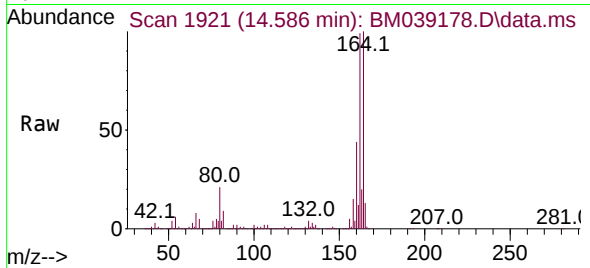
Tgt Ion:142 Resp: 2217310
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2
116 3.8 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

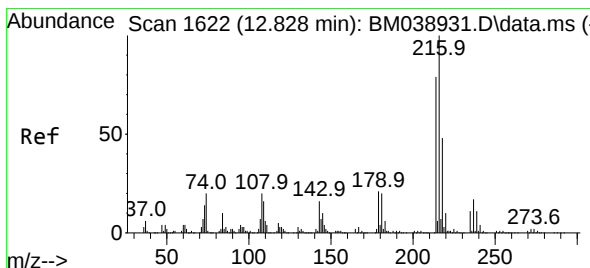
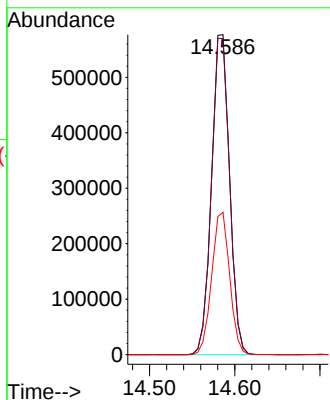
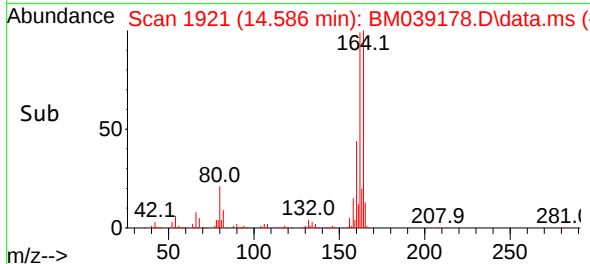
Instrument :
BNA_M
ClientSampleId :
PB151601BS



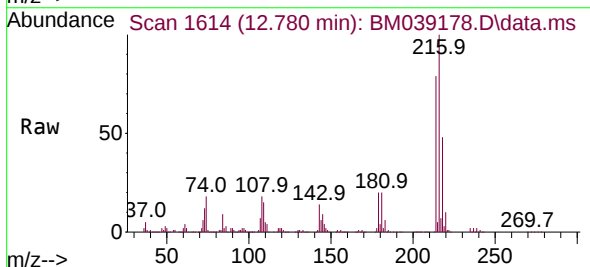
Tgt Ion:164 Resp: 847861
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 44.5 35.5 53.3

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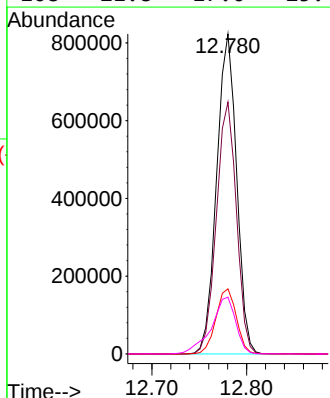
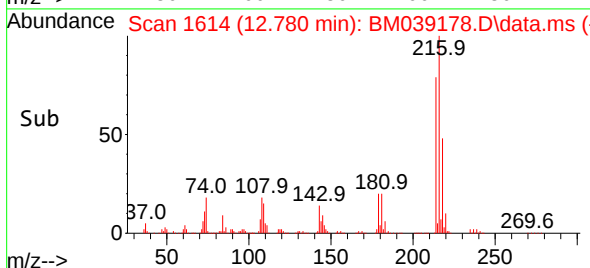
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

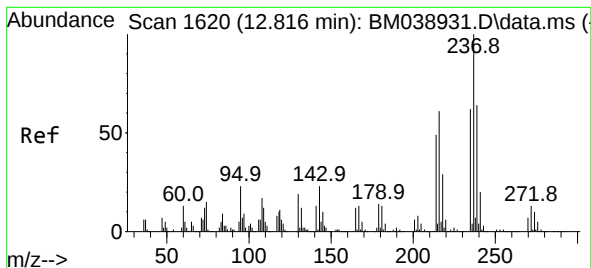


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.696 ng
RT: 12.780 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



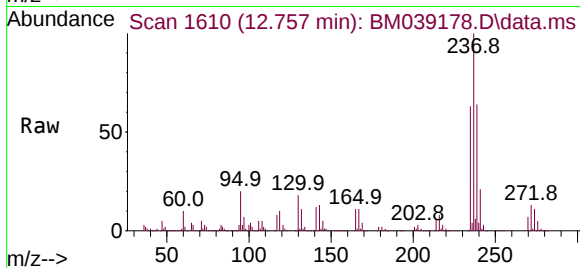
Tgt Ion:216 Resp: 1204413
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 20.8 16.8 25.2
108 21.8 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 86.407 ng
RT: 12.757 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

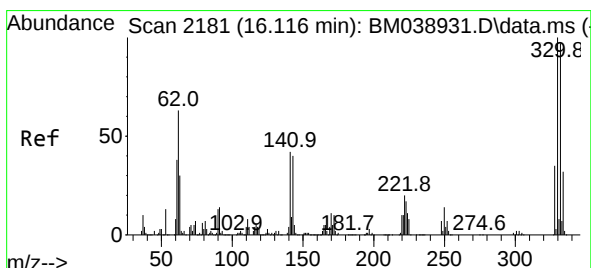
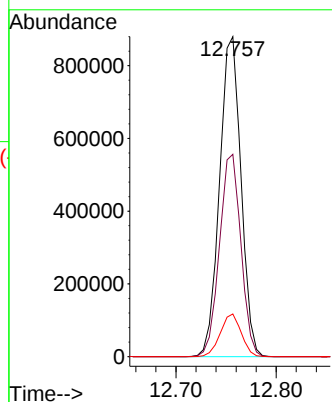
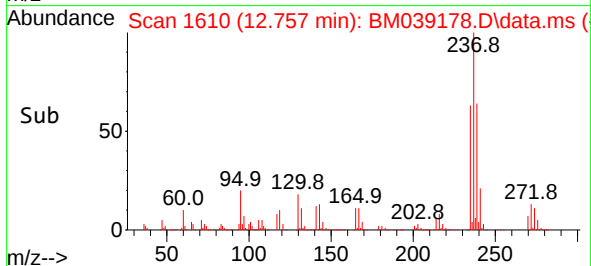
Instrument :
BNA_M
ClientSampleId :
PB151601BS



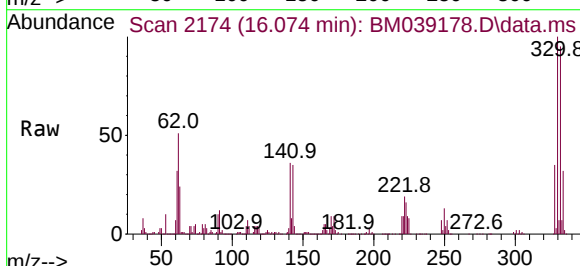
Tgt Ion:237 Resp: 130732
Ion Ratio Lower Upper
237 100
235 63.2 41.7 81.7
272 13.3 0.0 33.2

Manual Integrations
APPROVED

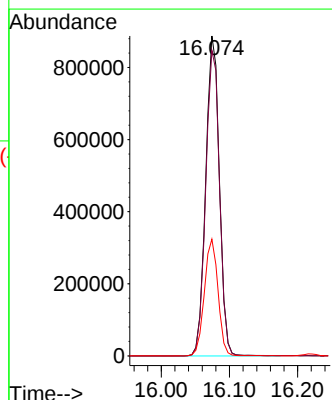
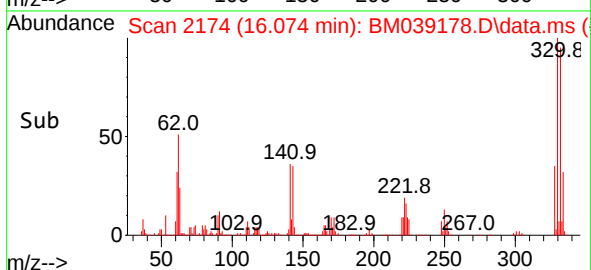
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

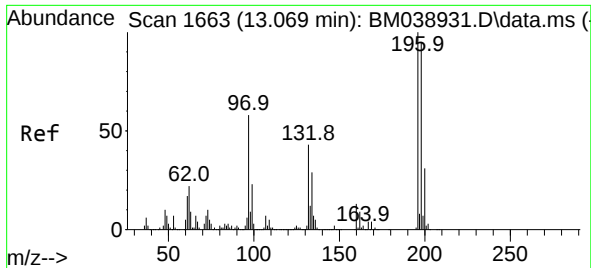


#42
2,4,6-Tribromophenol
Concen: 125.940 ng
RT: 16.074 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



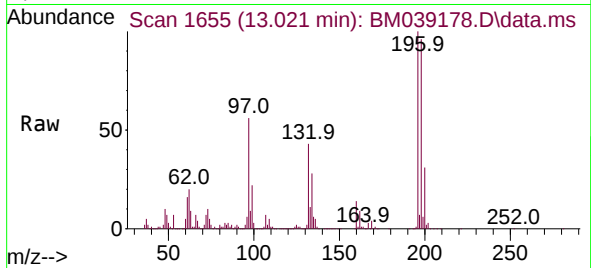
Tgt Ion:330 Resp: 1235275
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 36.6 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 49.221 ng
RT: 13.021 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

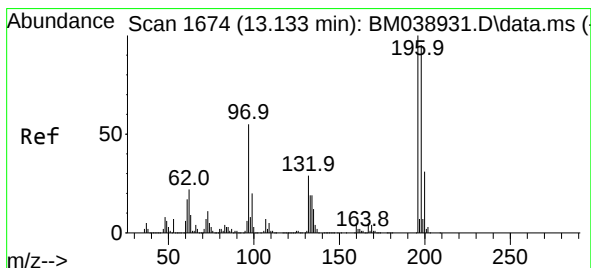
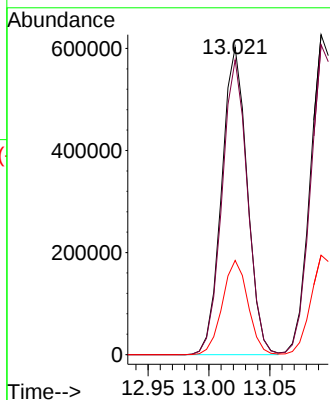
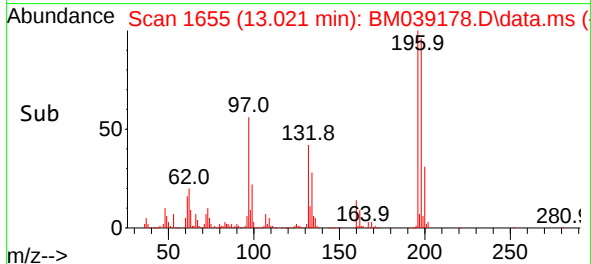
Instrument :
BNA_M
ClientSampleId :
PB151601BS



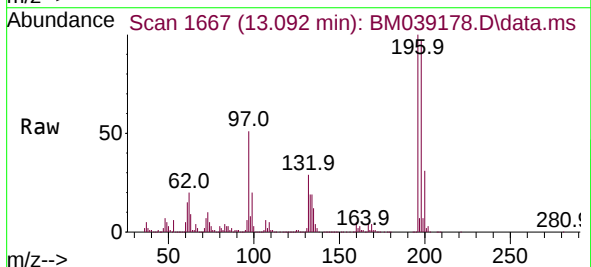
Tgt Ion:196 Resp: 878535
Ion Ratio Lower Upper
196 100
198 95.9 75.8 113.8
200 30.6 25.0 37.4

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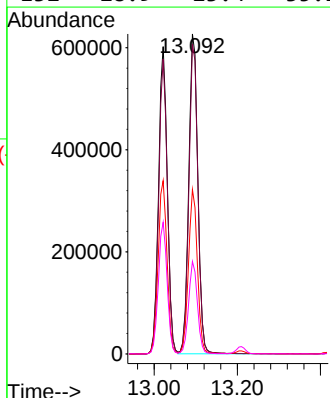
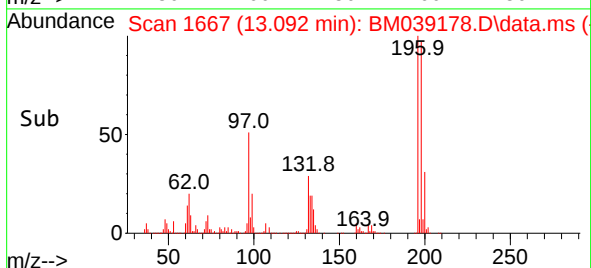
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

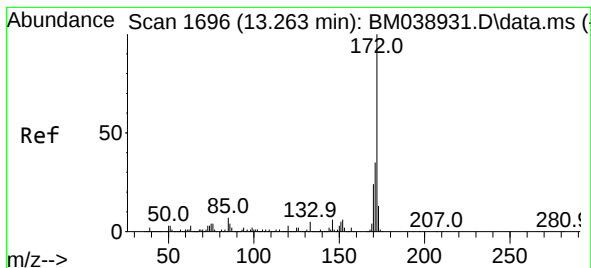


#44
2,4,5-Trichlorophenol
Concen: 45.500 ng
RT: 13.092 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



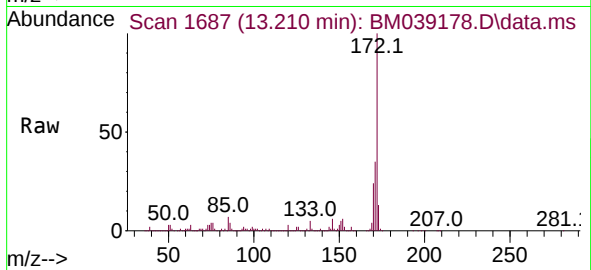
Tgt Ion:196 Resp: 950589
Ion Ratio Lower Upper
196 100
198 96.8 76.3 114.5
97 51.4 44.2 66.4
132 28.9 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 70.707 ng
RT: 13.210 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

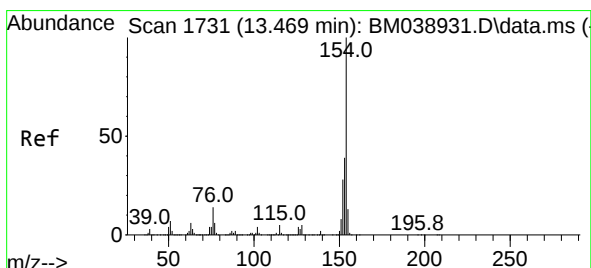
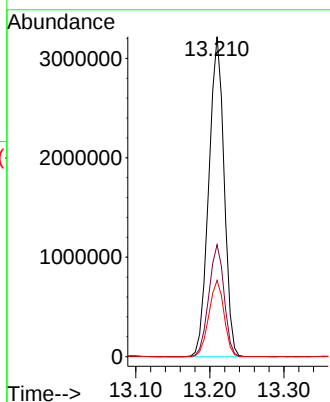
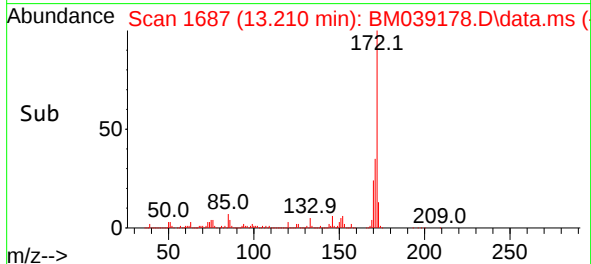
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:172 Resp: 460517
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.8 19.1 28.7

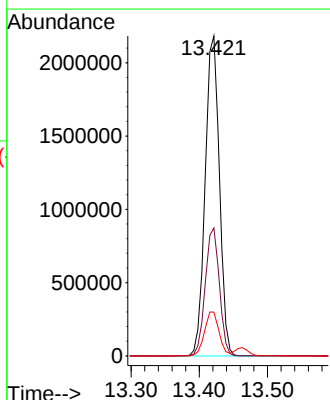
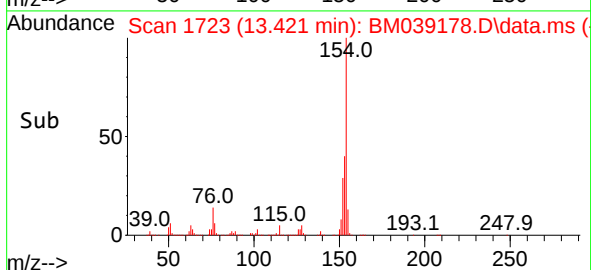
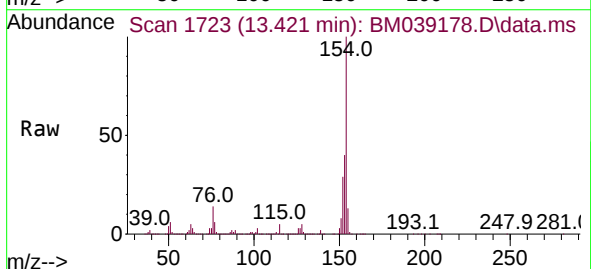
Manual Integrations
APPROVED

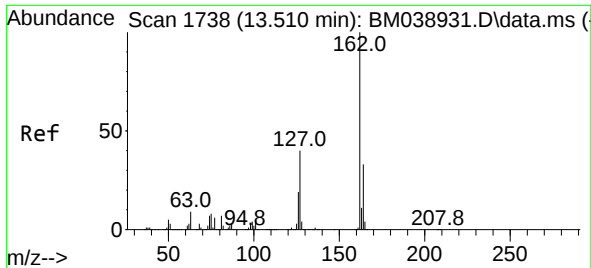
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#46
1,1'-Biphenyl
Concen: 44.069 ng
RT: 13.421 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

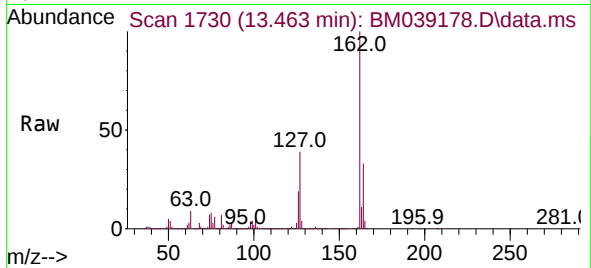
Tgt Ion:154 Resp: 3165407
Ion Ratio Lower Upper
154 100
153 40.0 19.3 59.3
76 13.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 44.559 ng
RT: 13.463 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

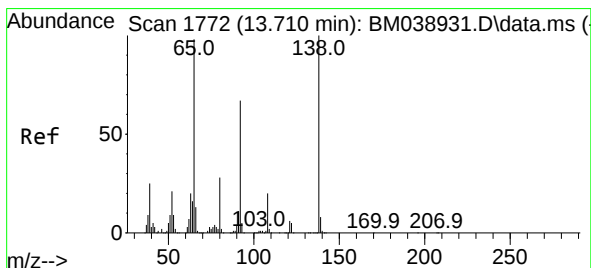
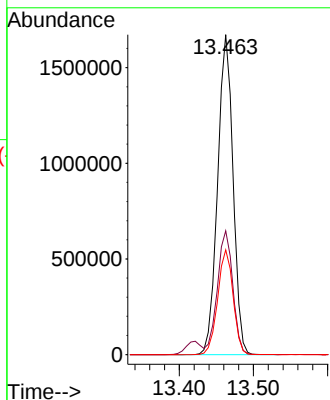
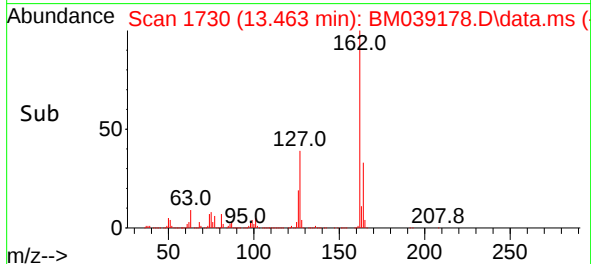
Instrument :
BNA_M
ClientSampleId :
PB151601BS



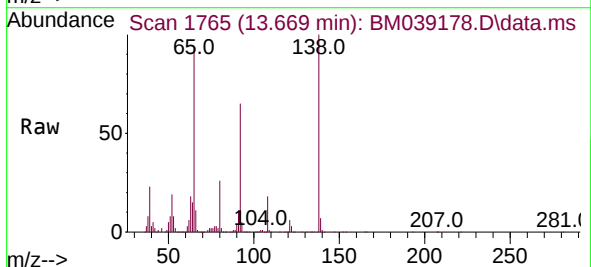
Tgt Ion:162 Resp: 241346
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 32.7 26.2 39.4

Manual Integrations
APPROVED

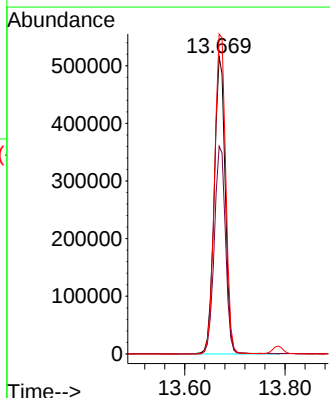
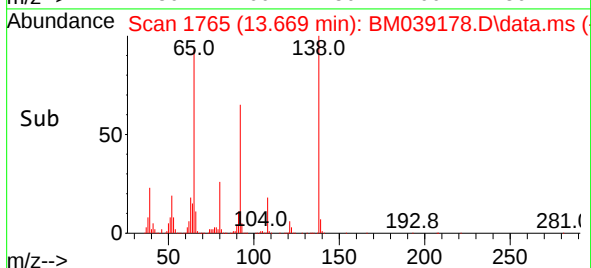
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

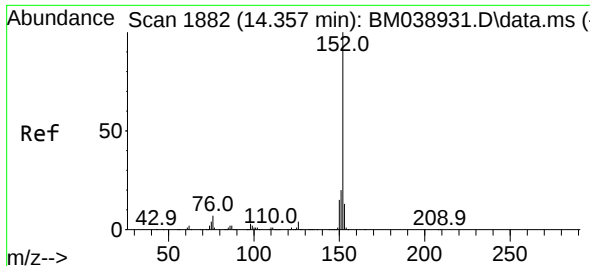


#48
2-Nitroaniline
Concen: 45.589 ng
RT: 13.669 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



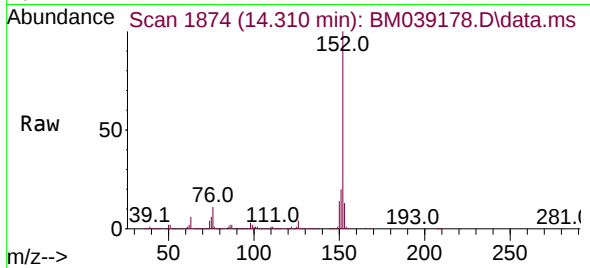
Tgt Ion: 65 Resp: 788575
Ion Ratio Lower Upper
65 100
92 69.8 54.9 82.3
138 107.7 81.6 122.4





#49
Acenaphthylene
Concen: 44.465 ng
RT: 14.310 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

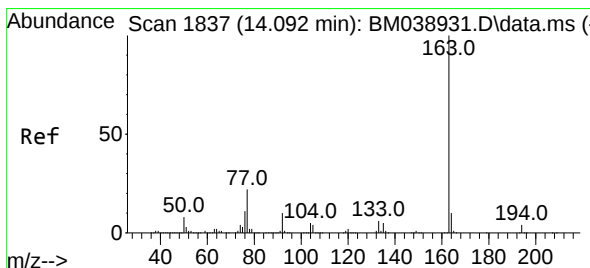
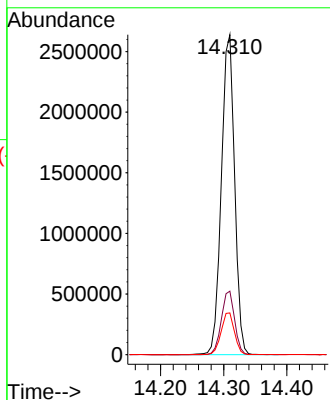
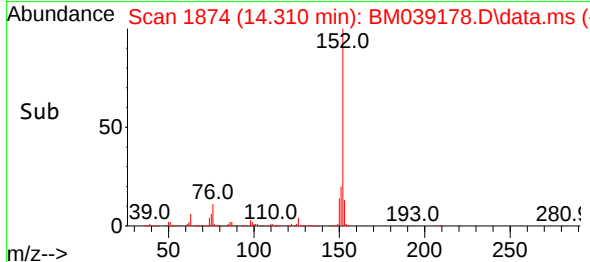
Instrument :
BNA_M
ClientSampleId :
PB151601BS



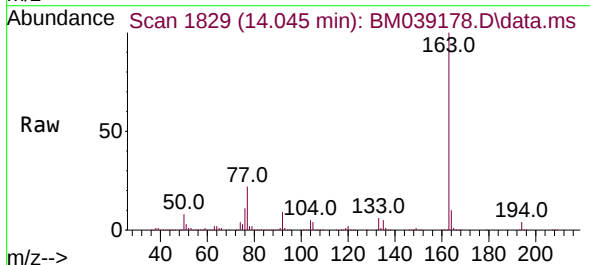
Tgt Ion:152 Resp: 3836192
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.4 15.6

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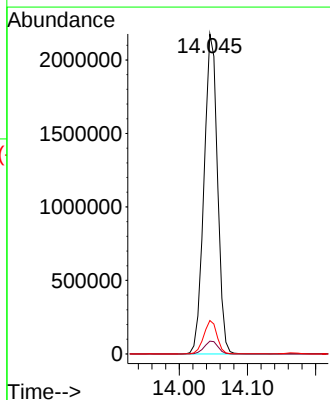
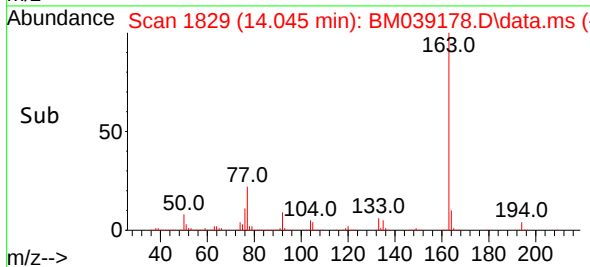
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

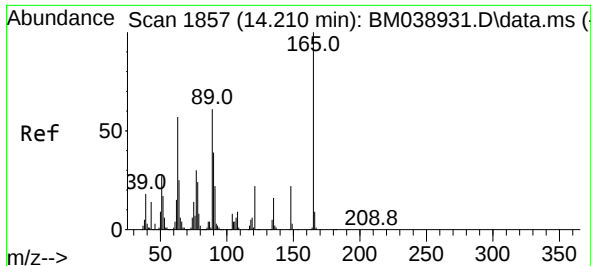


#50
Dimethylphthalate
Concen: 45.823 ng
RT: 14.045 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



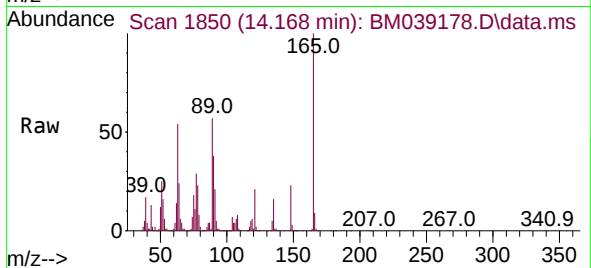
Tgt Ion:163 Resp: 2989580
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.403 ng
RT: 14.168 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

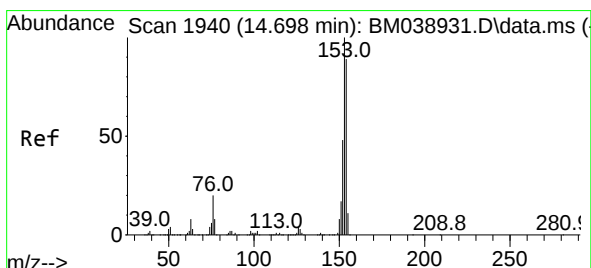
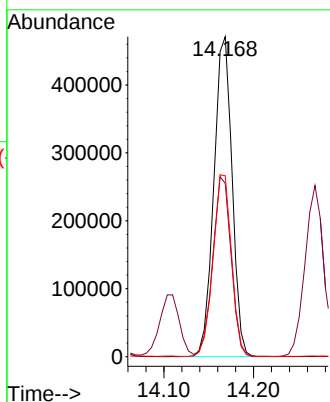
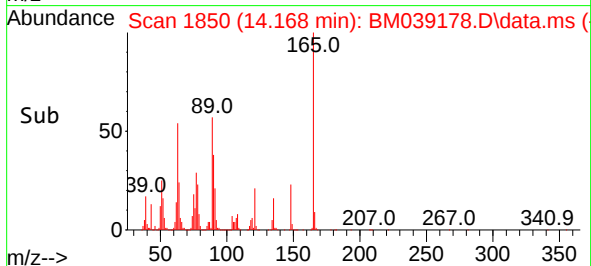
Instrument :
BNA_M
ClientSampleId :
PB151601BS



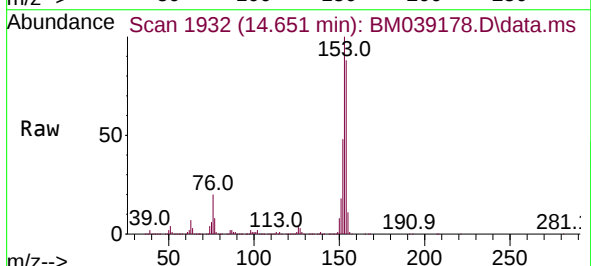
Tgt Ion:165 Resp: 668901
Ion Ratio Lower Upper
165 100
63 54.1 46.6 70.0
89 56.5 48.6 73.0

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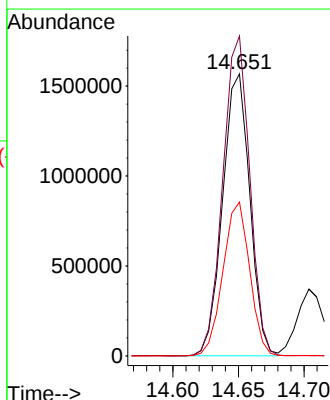
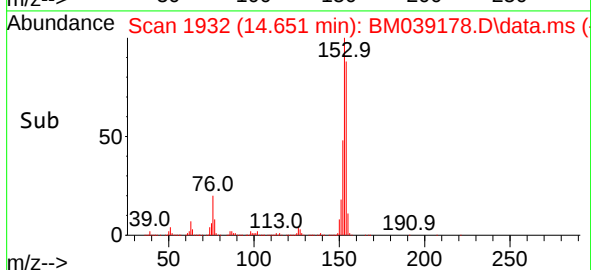
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

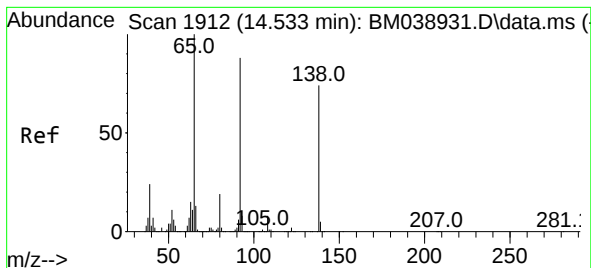


#52
Acenaphthene
Concen: 42.787 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



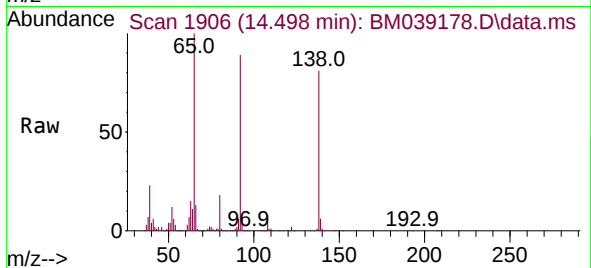
Tgt Ion:154 Resp: 2268627
Ion Ratio Lower Upper
154 100
153 113.5 90.2 135.2
152 54.5 43.4 65.2





#53
3-Nitroaniline
Concen: 28.798 ng
RT: 14.498 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

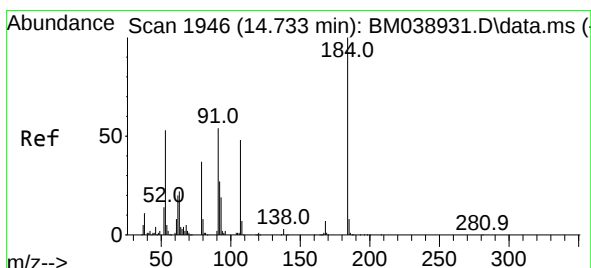
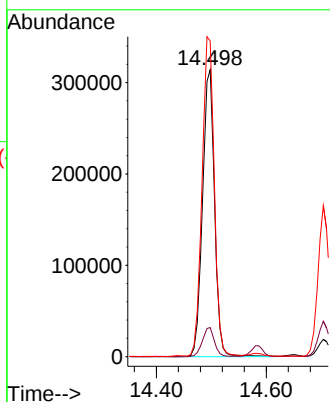
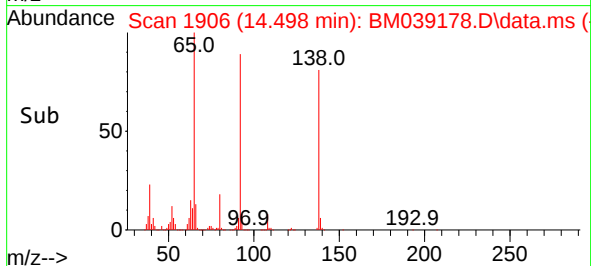
Instrument :
BNA_M
ClientSampleId :
PB151601BS



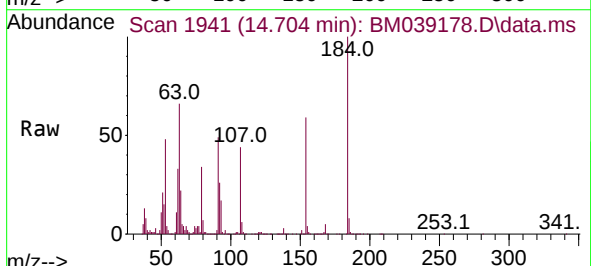
Tgt Ion:138 Resp: 474653
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 110.0 95.8 143.8

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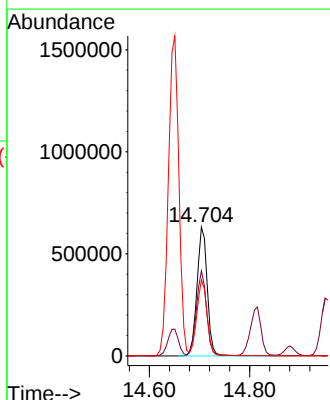
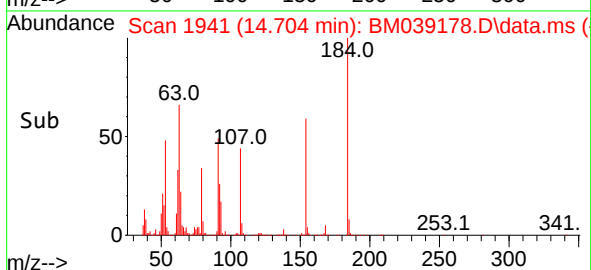
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

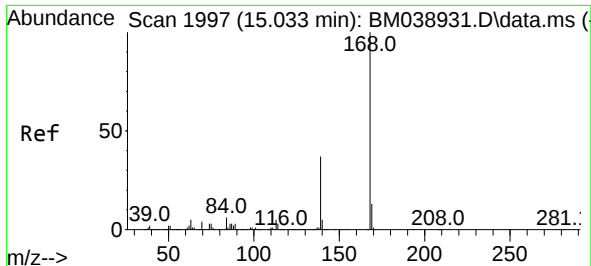


#54
2,4-Dinitrophenol
Concen: 106.477 ng
RT: 14.704 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



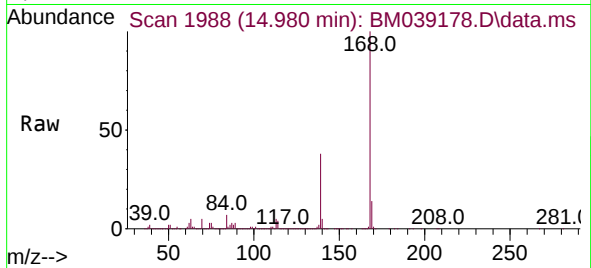
Tgt Ion:184 Resp: 898268
Ion Ratio Lower Upper
184 100
63 66.1 60.6 90.8
154 59.0 51.4 77.2





#55
Dibenzenofuran
Concen: 43.393 ng
RT: 14.980 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

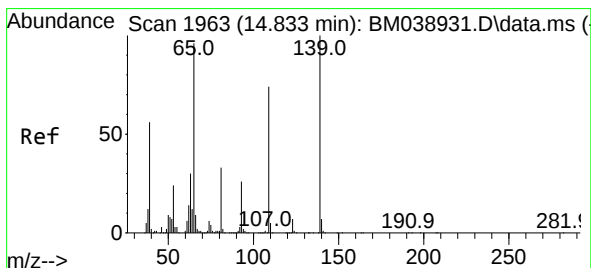
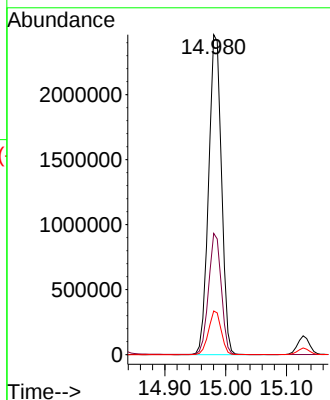
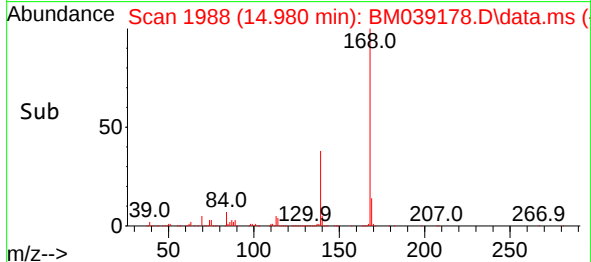
Instrument :
BNA_M
ClientSampleId :
PB151601BS



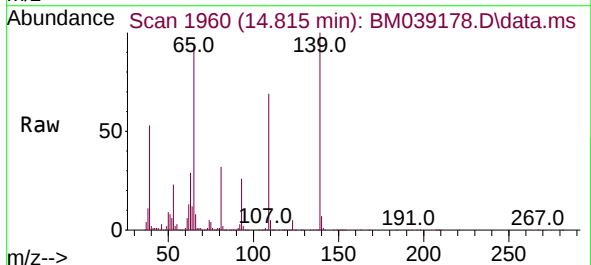
Tgt Ion:168 Resp: 3600326
Ion Ratio Lower Upper
168 100
139 37.9 29.9 44.9
169 13.6 10.7 16.1

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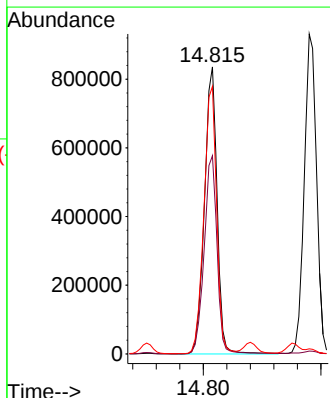
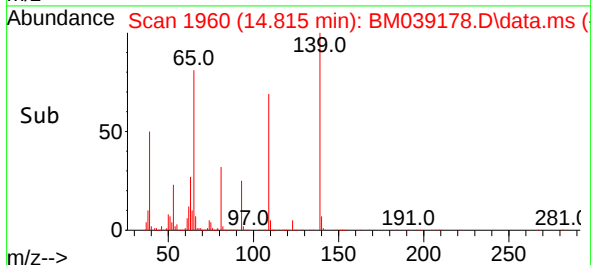
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

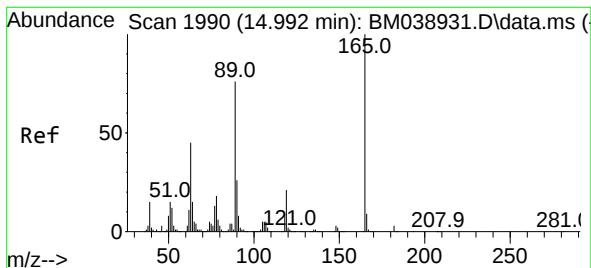


#56
4-Nitrophenol
Concen: 96.091 ng
RT: 14.815 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



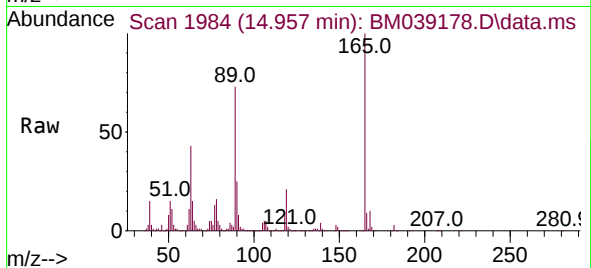
Tgt Ion:139 Resp: 1245078
Ion Ratio Lower Upper
139 100
109 69.0 53.5 93.5
65 93.2 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 47.314 ng
RT: 14.957 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

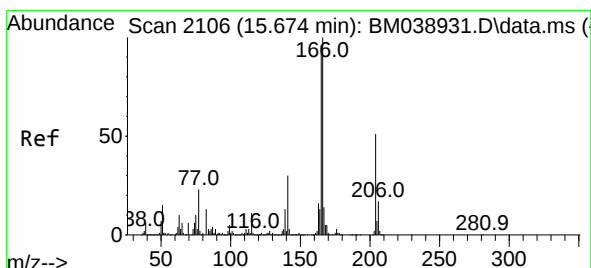
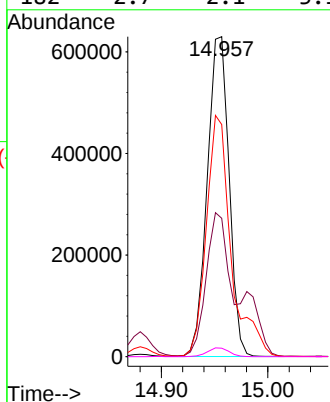
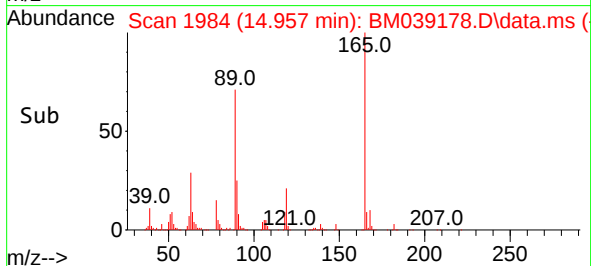
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:165 Resp: 897823
Ion Ratio Lower Upper
165 100
63 43.2 35.9 53.9
89 72.6 61.0 91.6
182 2.7 2.1 3.1

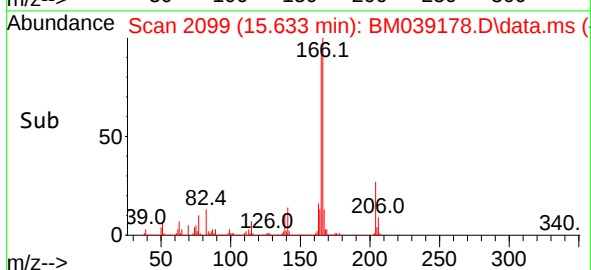
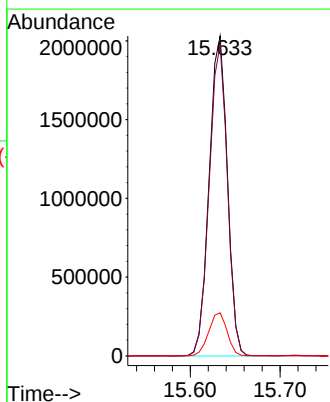
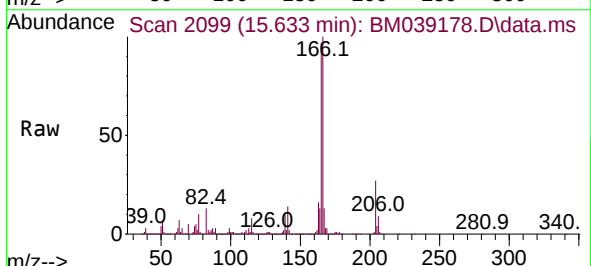
Manual Integrations
APPROVED

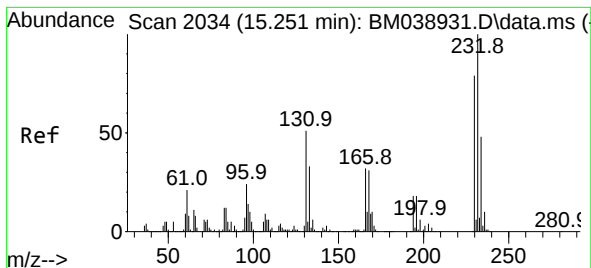
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#58
Fluorene
Concen: 44.340 ng
RT: 15.633 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

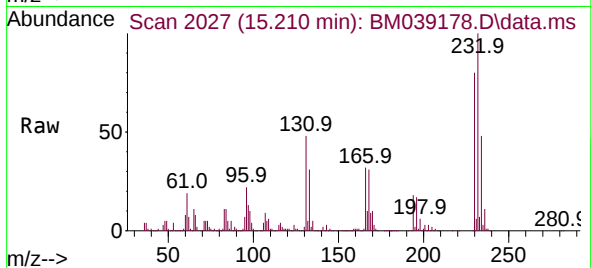
Tgt Ion:166 Resp: 2881795
Ion Ratio Lower Upper
166 100
165 97.3 77.1 115.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.022 ng
RT: 15.210 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

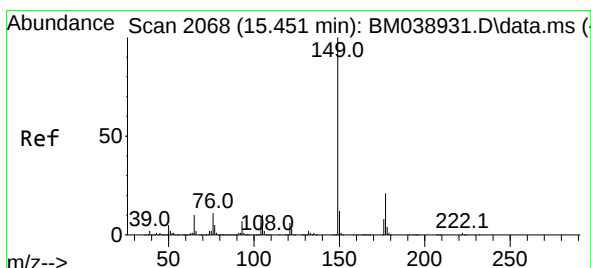
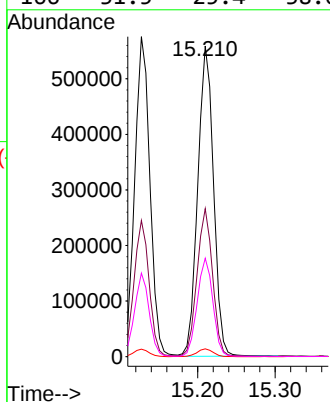
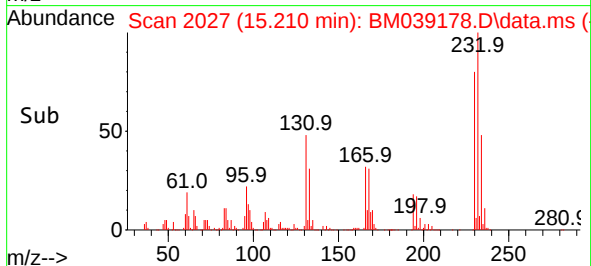
Instrument :
BNA_M
ClientSampleId :
PB151601BS



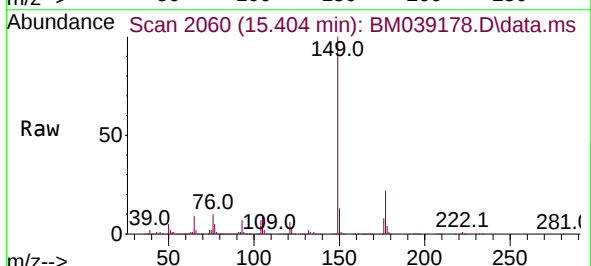
Tgt Ion:232 Resp: 789865
Ion Ratio Lower Upper
232 100
131 47.1 40.0 60.0
130 2.5 2.0 3.0
166 31.5 25.4 38.0

Manual Integrations
APPROVED

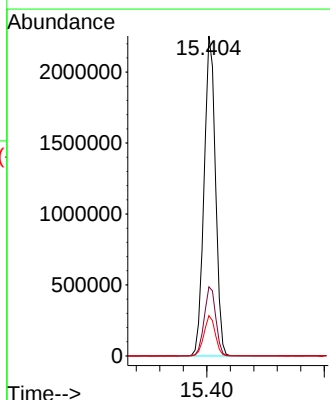
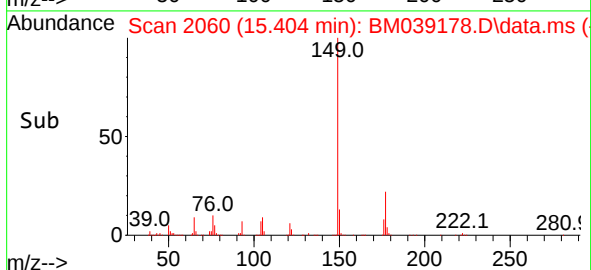
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

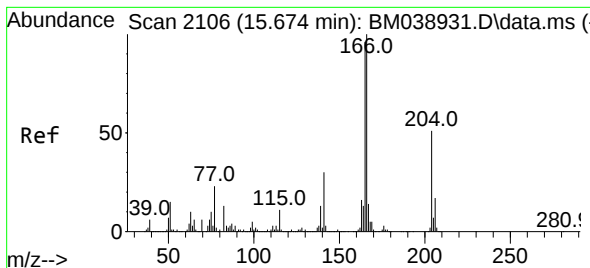


#60
Diethylphthalate
Concen: 47.713 ng
RT: 15.404 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



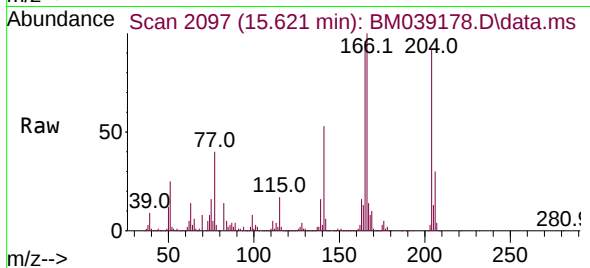
Tgt Ion:149 Resp: 3028872
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 45.091 ng
RT: 15.621 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

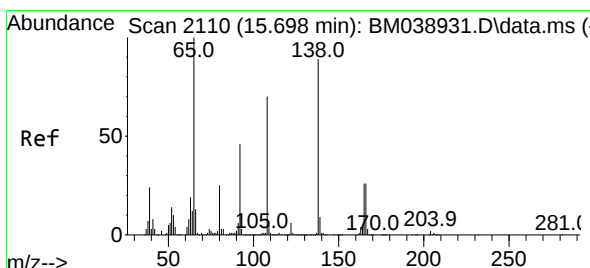
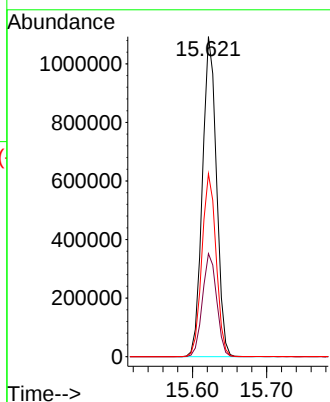
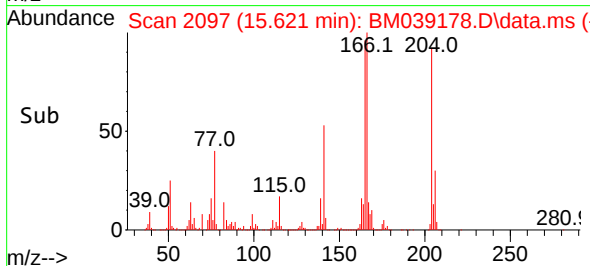
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:204 Resp: 143974
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 57.1 46.4 69.6

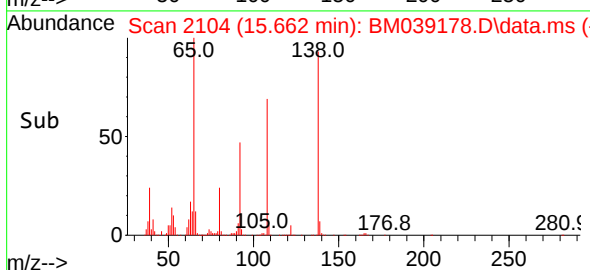
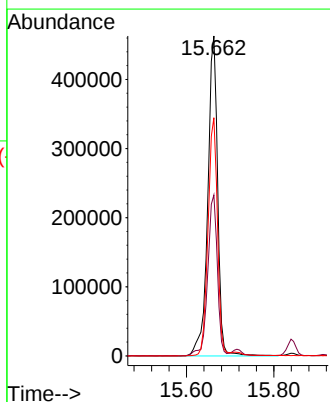
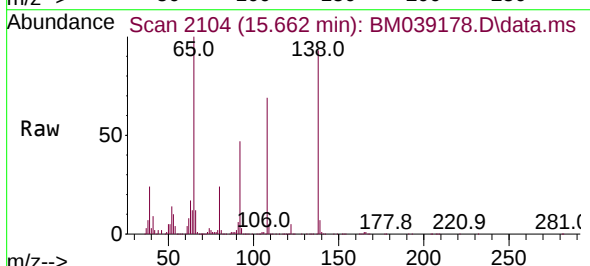
Manual Integrations
APPROVED

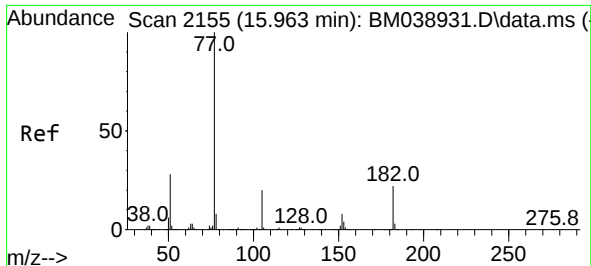
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#62
4-Nitroaniline
Concen: 42.491 ng
RT: 15.662 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

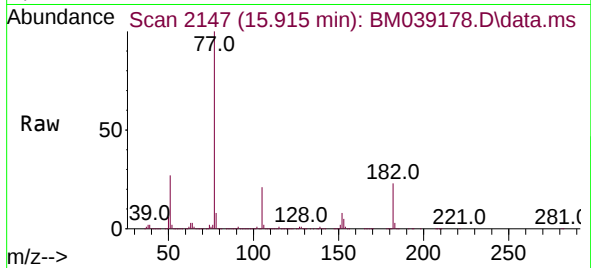
Tgt Ion:138 Resp: 725914
Ion Ratio Lower Upper
138 100
92 50.3 31.6 71.6
108 74.4 58.6 98.6





#63
Azobenzene
Concen: 45.961 ng
RT: 15.915 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

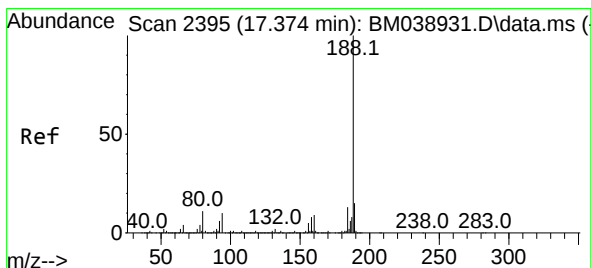
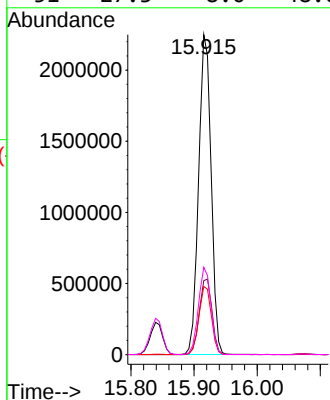
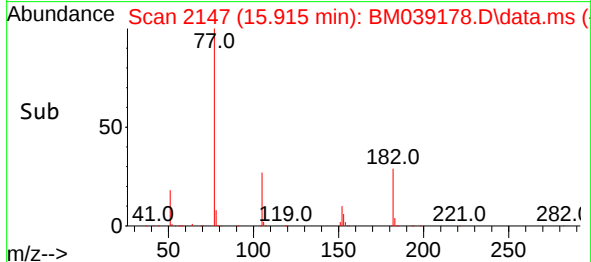
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion: 77 Resp: 3087225
Ion Ratio Lower Upper
77 100
182 23.1 2.0 42.0
105 21.3 0.4 40.4
51 27.3 8.0 48.0

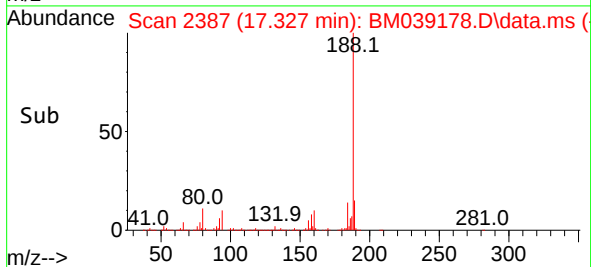
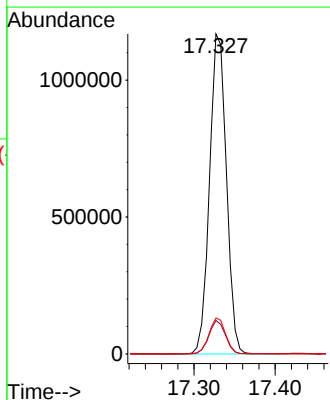
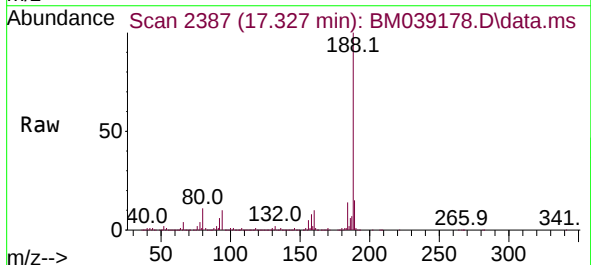
Manual Integrations
APPROVED

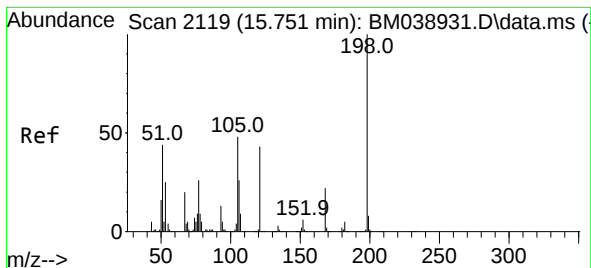
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

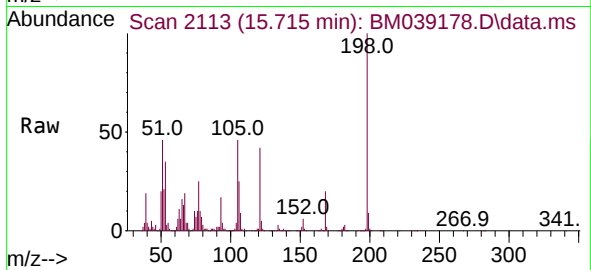
Tgt Ion:188 Resp: 1688252
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 49.106 ng
RT: 15.715 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

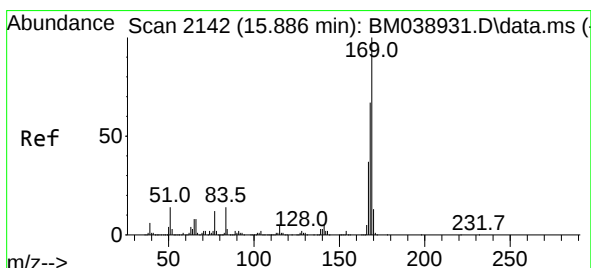
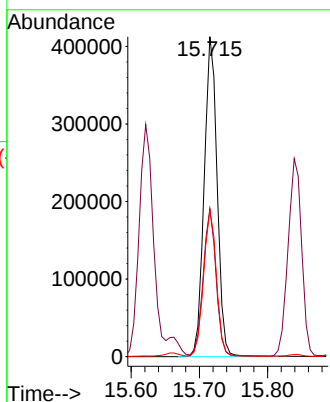
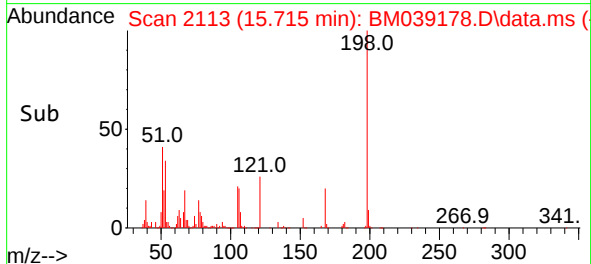
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:198 Resp: 546270
Ion Ratio Lower Upper
198 100
51 46.2 30.1 70.1
105 45.8 29.3 69.3

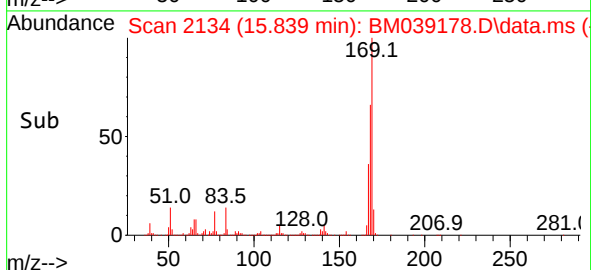
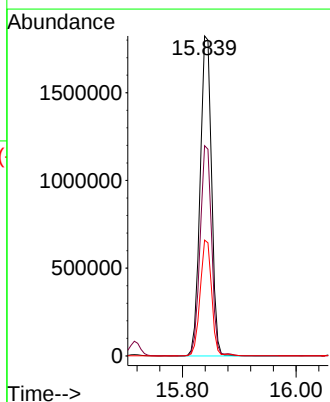
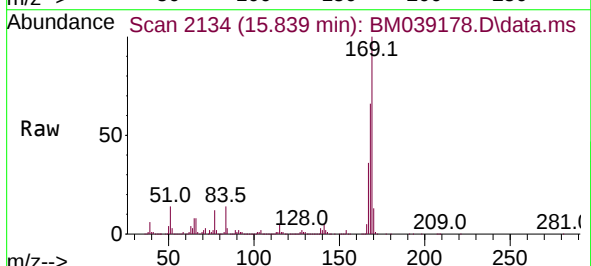
Manual Integrations
APPROVED

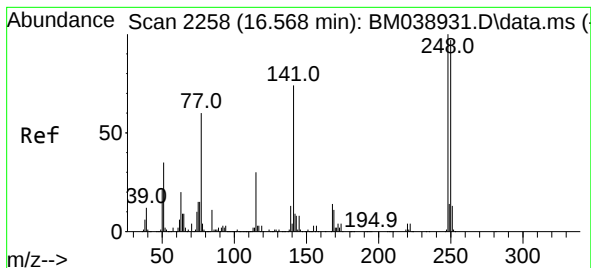
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#66
n-Nitrosodiphenylamine
Concen: 44.583 ng
RT: 15.839 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

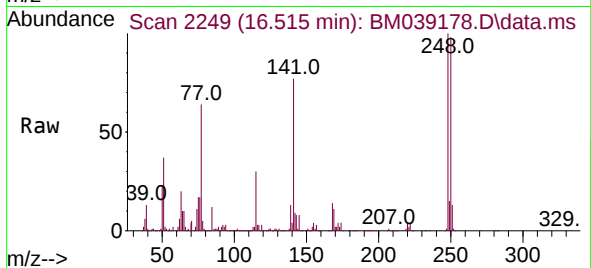
Tgt Ion:169 Resp: 2537424
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.0
167 36.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 47.061 ng
RT: 16.515 min Scan# 2249
Delta R.T. -0.012 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

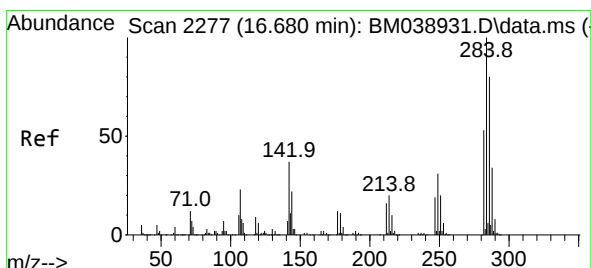
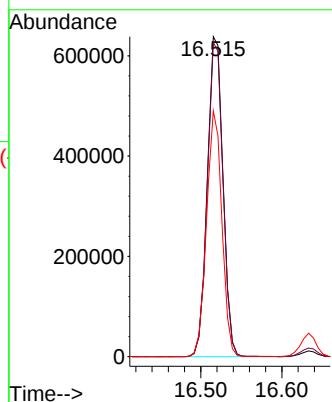
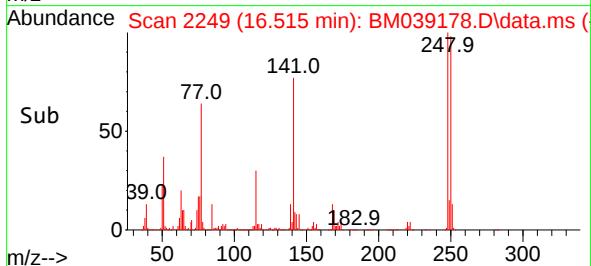
Instrument :
BNA_M
ClientSampleId :
PB151601BS



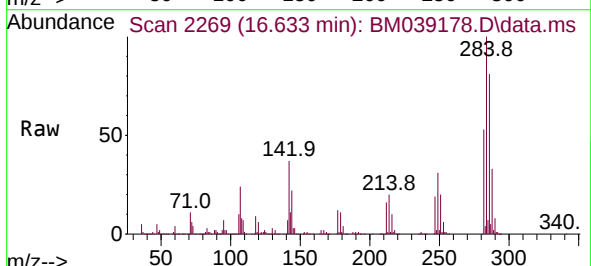
Tgt Ion:248 Resp: 85815
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 76.8 59.0 88.4

Manual Integrations
APPROVED

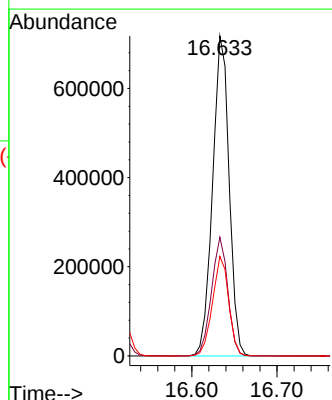
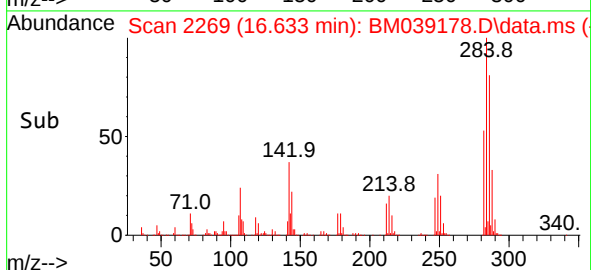
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

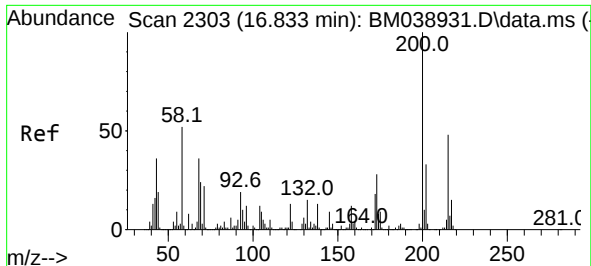


#68
Hexachlorobenzene
Concen: 47.425 ng
RT: 16.633 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12



Tgt Ion:284 Resp: 966747
Ion Ratio Lower Upper
284 100
142 37.1 29.5 44.3
249 31.1 25.0 37.4





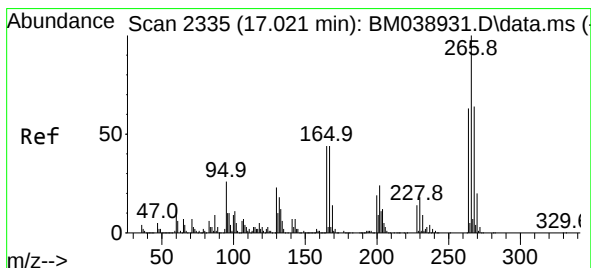
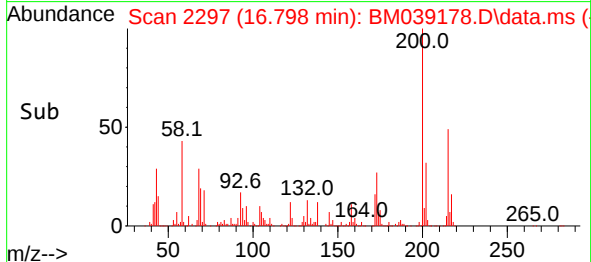
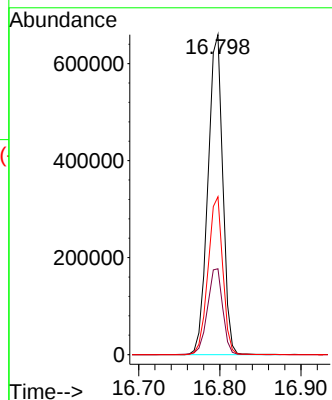
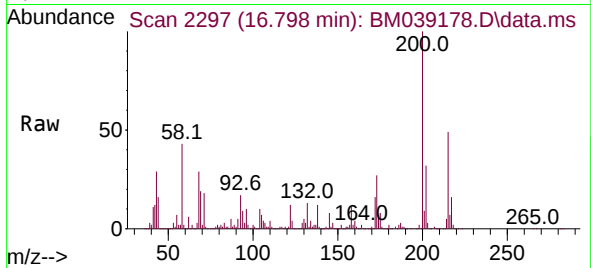
#69
Atrazine
Concen: 54.100 ng
RT: 16.798 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Instrument :
BNA_M
ClientSampleId :
PB151601BS

Tgt Ion:200 Resp: 841033
Ion Ratio Lower Upper
200 100
173 26.8 8.2 48.2
215 49.3 27.8 67.8

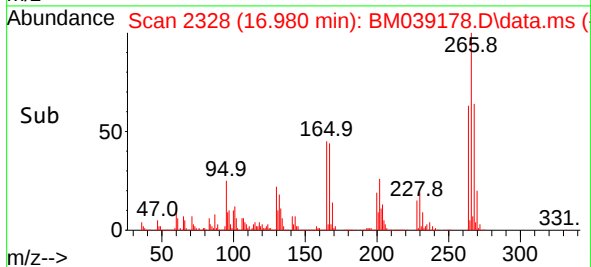
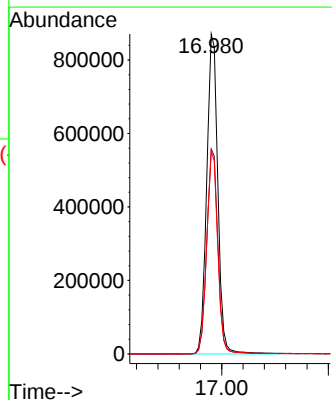
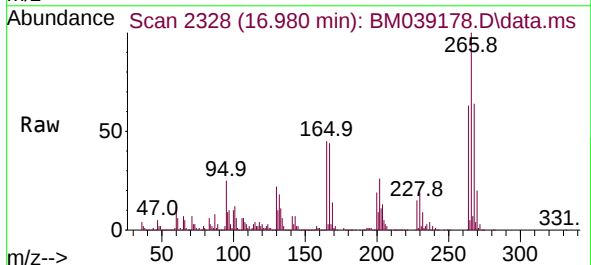
Manual Integrations
APPROVED

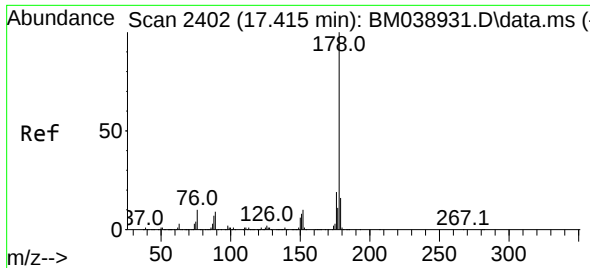
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#70
Pentachlorophenol
Concen: 83.728 ng
RT: 16.980 min Scan# 2328
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

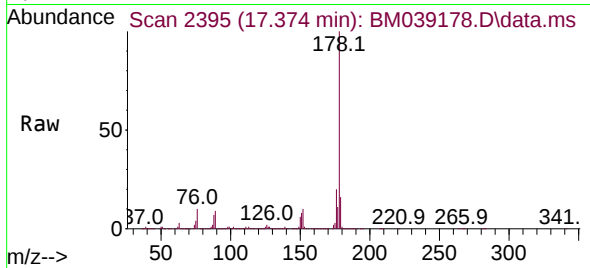
Tgt Ion:266 Resp: 1255346
Ion Ratio Lower Upper
266 100
268 64.0 51.0 76.4
264 63.5 50.3 75.5





#71
Phenanthrene
Concen: 43.259 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

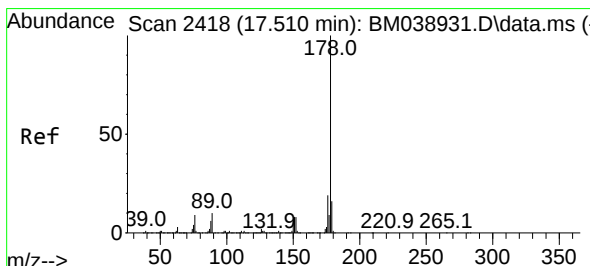
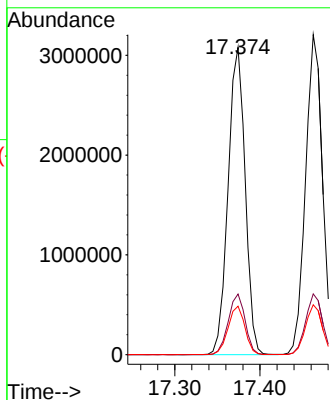
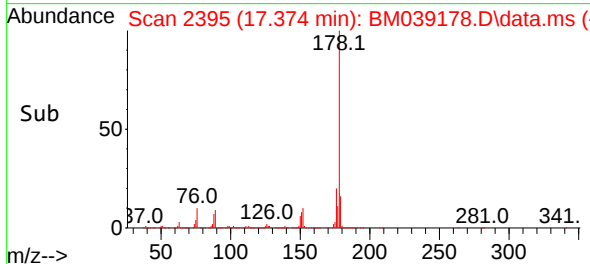
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:178 Resp: 4286262
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.8 12.5 18.7

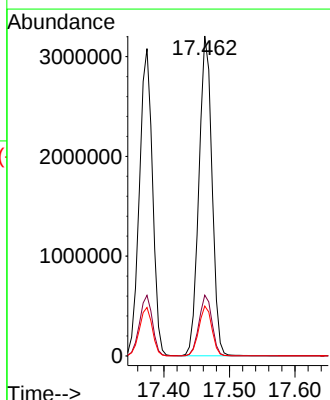
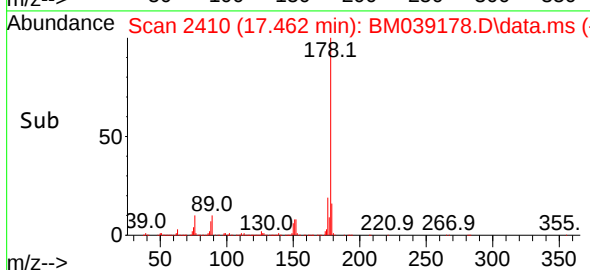
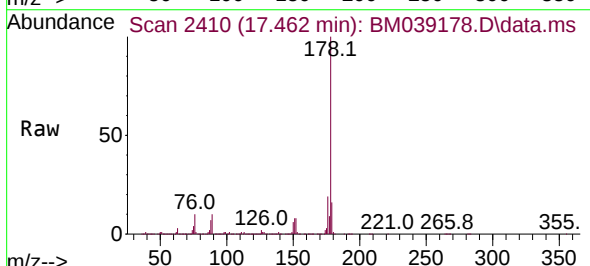
Manual Integrations
APPROVED

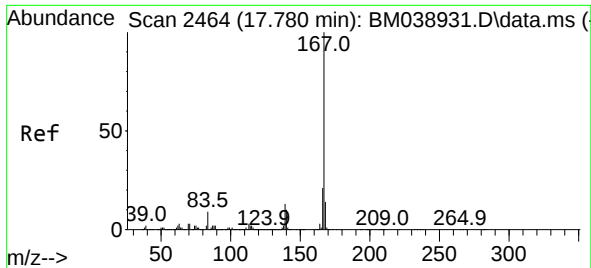
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#72
Anthracene
Concen: 44.704 ng
RT: 17.462 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

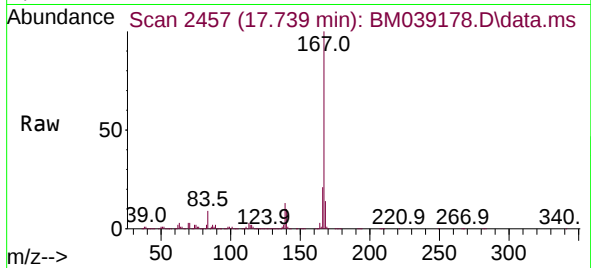
Tgt Ion:178 Resp: 4417262
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 44.663 ng
 RT: 17.739 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM039178.D
 Acq: 28 Mar 2023 14:12

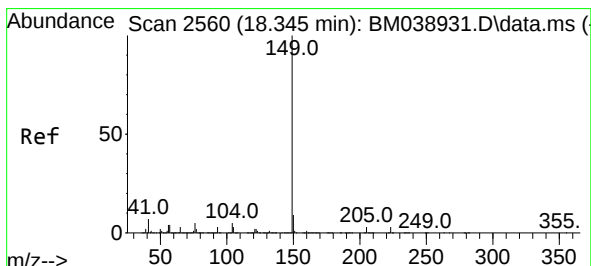
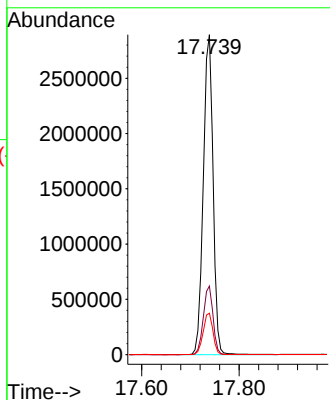
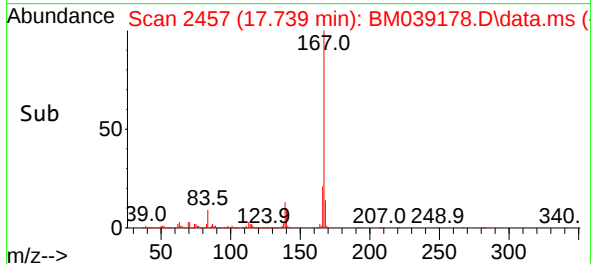
Instrument :
 BNA_M
 ClientSampleId :
 PB151601BS



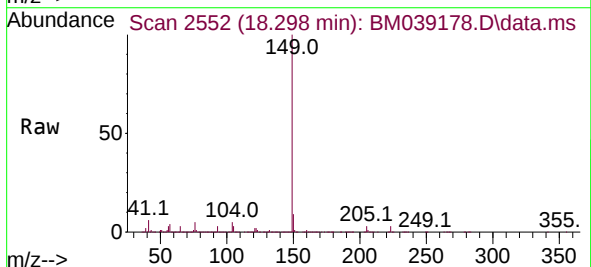
Tgt Ion:167 Resp: 4027774
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.9 10.3 15.5

Manual Integrations
 APPROVED

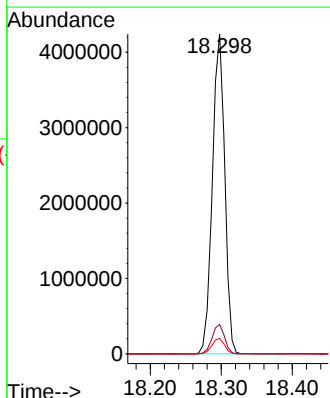
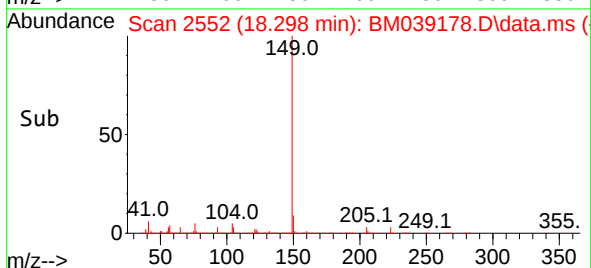
Reviewed By :Christian Giraldo 03/29/2023
 Supervised By :Jagrut Upadhyay 03/29/2023

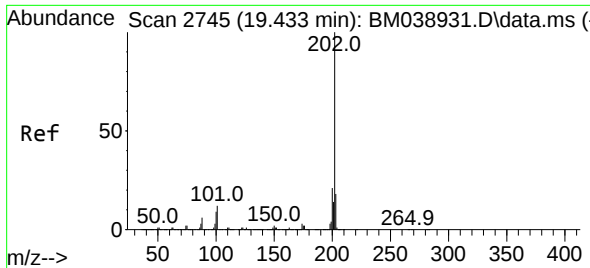


#74
 Di-n-butylphthalate
 Concen: 46.764 ng
 RT: 18.298 min Scan# 2552
 Delta R.T. -0.006 min
 Lab File: BM039178.D
 Acq: 28 Mar 2023 14:12



Tgt Ion:149 Resp: 5138472
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.3 6.5





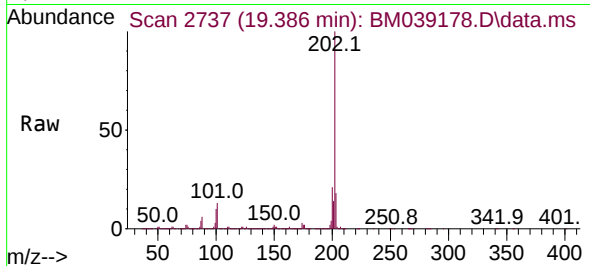
#75
Fluoranthene
Concen: 43.055 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Instrument :

BNA_M

ClientSampleId :

PB151601BS

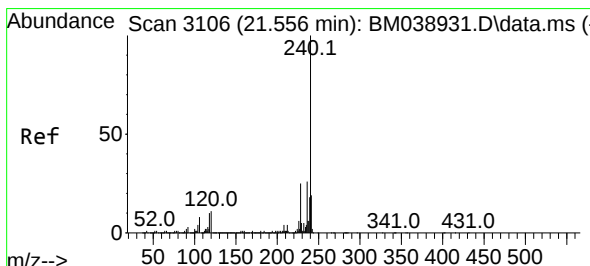
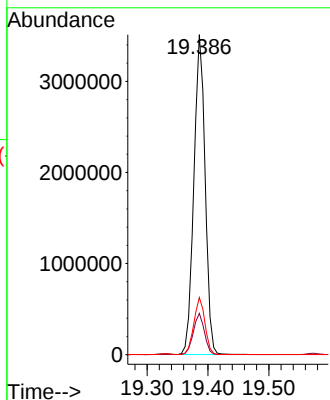
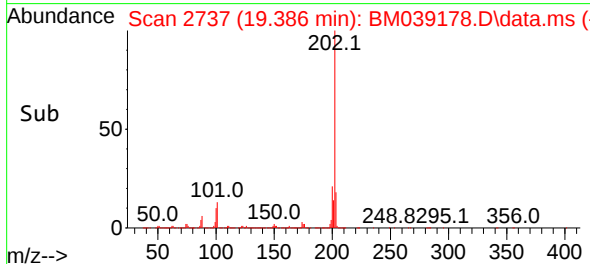


Tgt Ion:202 Resp: 4504295
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.7
203 17.8 0.0 37.6

Manual Integrations

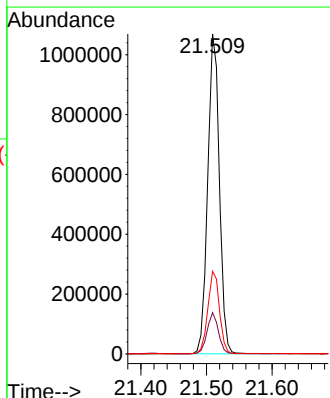
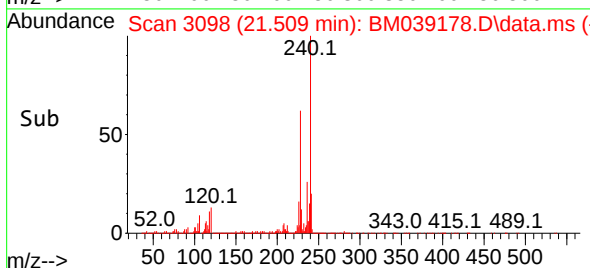
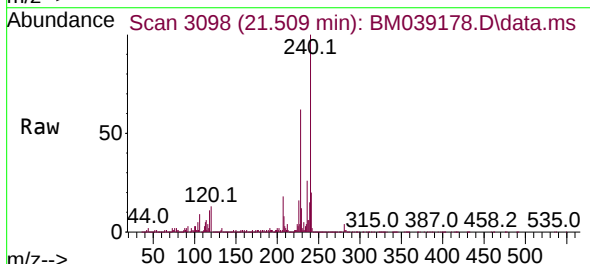
APPROVED

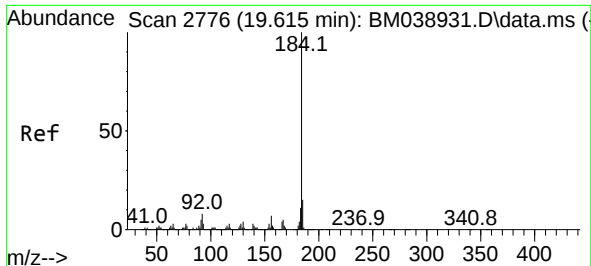
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Tgt Ion:240 Resp: 1316595
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.8 20.8 31.2





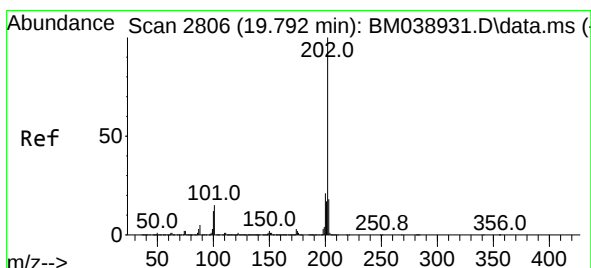
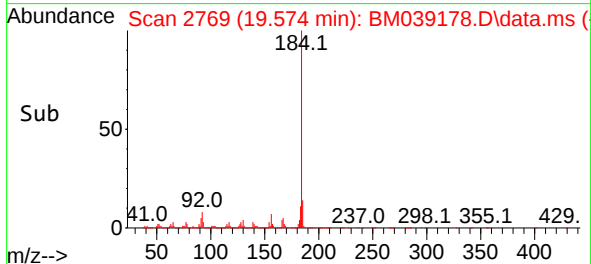
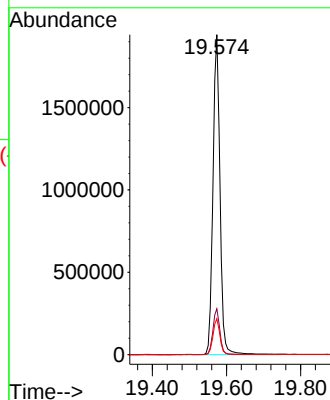
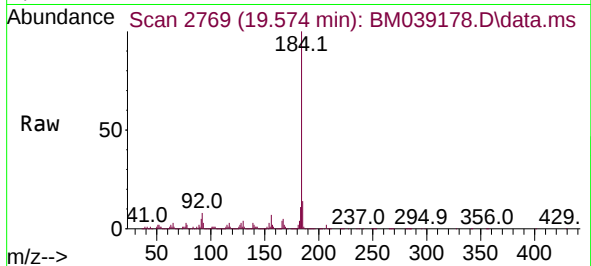
#77
Benzidine
Concen: 81.137 ng
RT: 19.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Instrument :
BNA_M
ClientSampleId :
PB151601BS

Tgt Ion:184 Resp: 254745
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.2 8.8 13.2

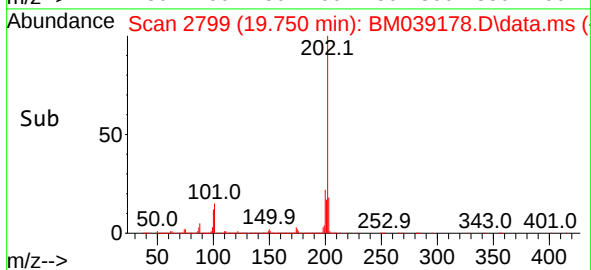
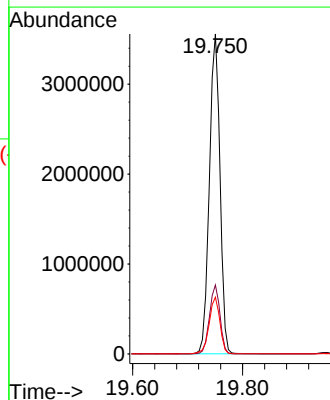
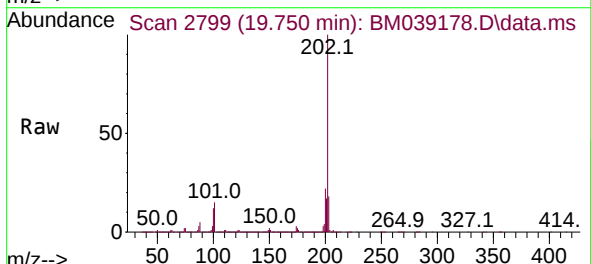
Manual Integrations
APPROVED

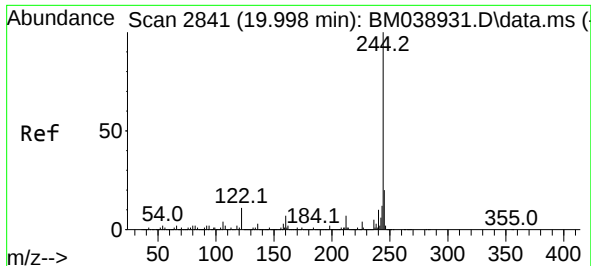
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#78
Pyrene
Concen: 48.013 ng
RT: 19.750 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Tgt Ion:202 Resp: 4747895
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.7 14.1 21.1





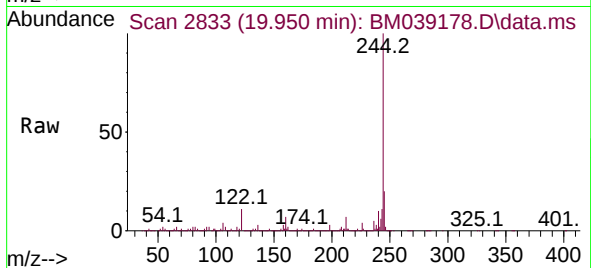
#79
 Terphenyl-d14
 Concen: 81.207 ng
 RT: 19.950 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: BM039178.D
 Acq: 28 Mar 2023 14:12

Instrument :

BNA_M

ClientSampleId :

PB151601BS

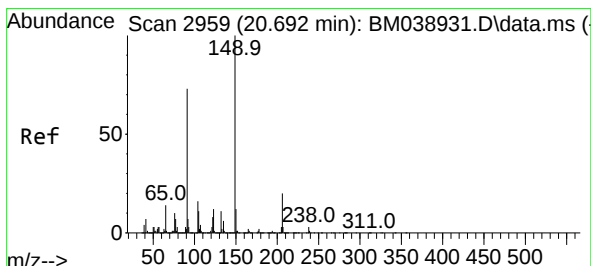
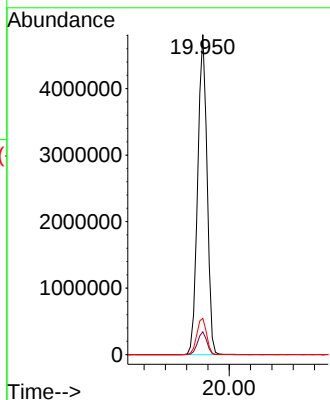
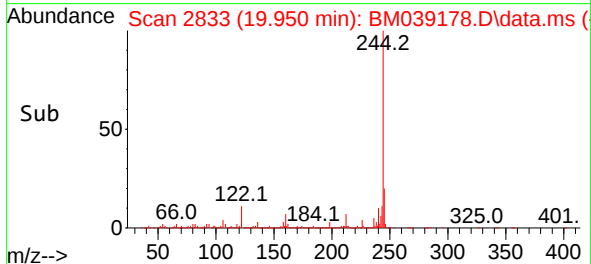


Tgt Ion:244 Resp: 5847742
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.3 9.0 13.4

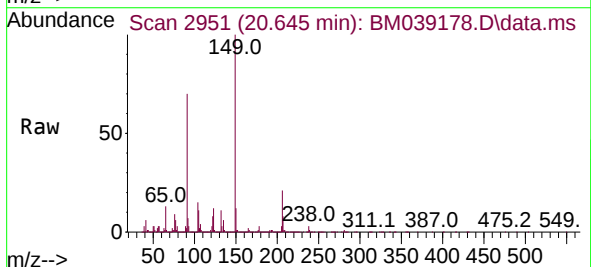
Manual Integrations

APPROVED

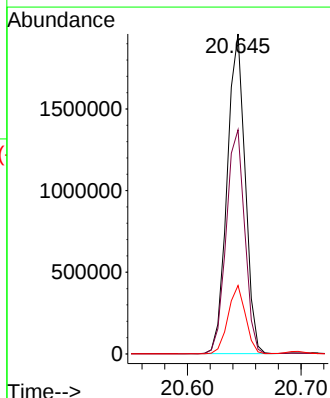
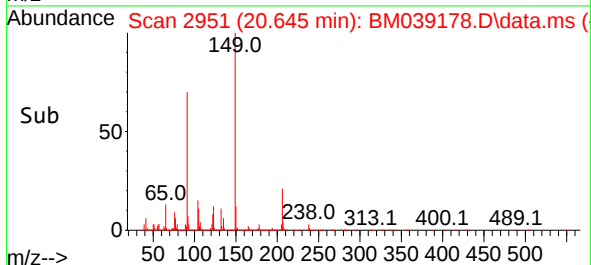
Reviewed By :Christian Giraldo 03/29/2023
 Supervised By :Jagrut Upadhyay 03/29/2023

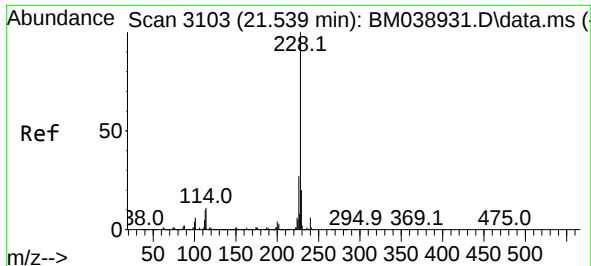


#80
 Butylbenzylphthalate
 Concen: 51.057 ng
 RT: 20.645 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: BM039178.D
 Acq: 28 Mar 2023 14:12



Tgt Ion:149 Resp: 2156362
 Ion Ratio Lower Upper
 149 100
 91 70.0 58.4 87.6
 206 21.4 16.1 24.1





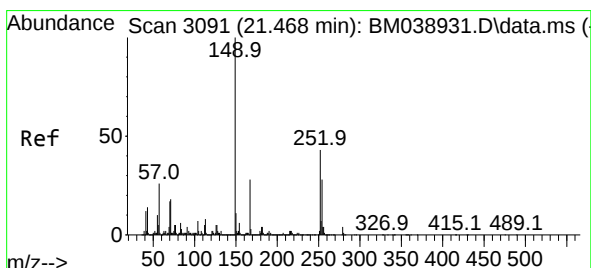
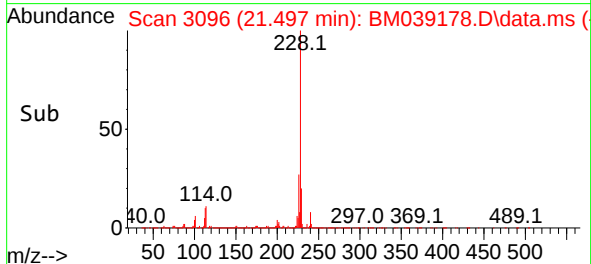
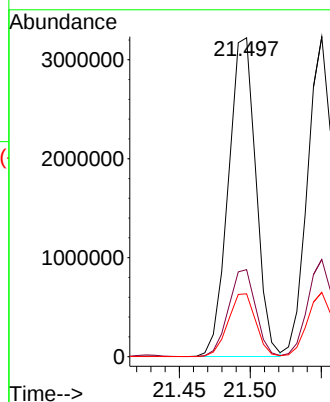
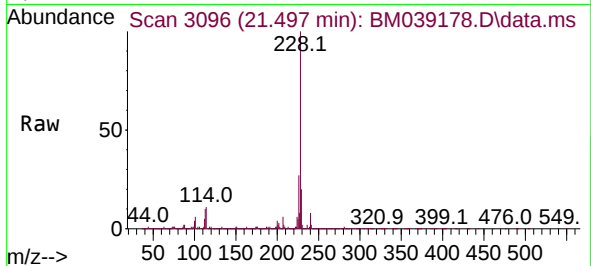
#81
Benzo(a)anthracene
Concen: 45.803 ng
RT: 21.497 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Instrument : BNA_M
ClientSampleId : PB151601BS

Tgt Ion:228 Resp: 4342793
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.7 15.7 23.5

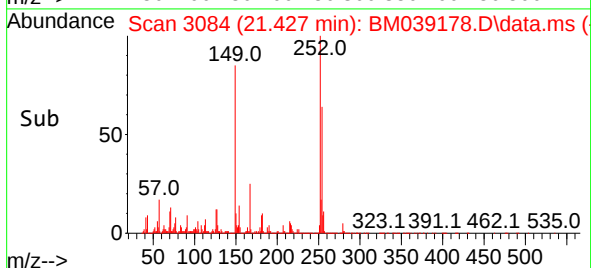
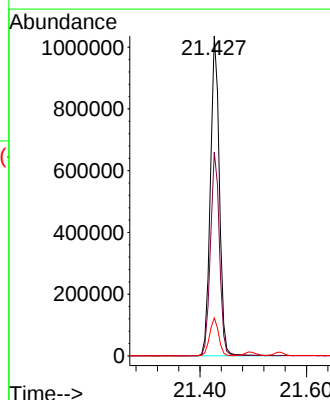
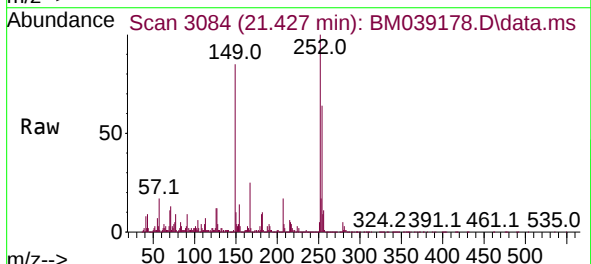
Manual Integrations
APPROVED

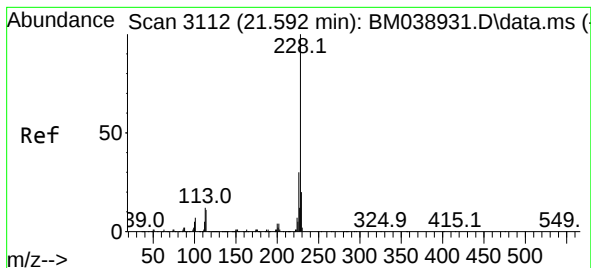
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.675 ng
RT: 21.427 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Tgt Ion:252 Resp: 1214400
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 11.9 9.9 14.9





#83

Chrysene

Concen: 43.498 ng

RT: 21.550 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM039178.D

Acq: 28 Mar 2023 14:12

Instrument :

BNA_M

ClientSampleId :

PB151601BS

Tgt Ion:228 Resp: 401118

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

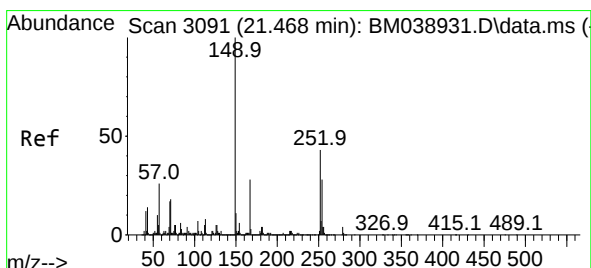
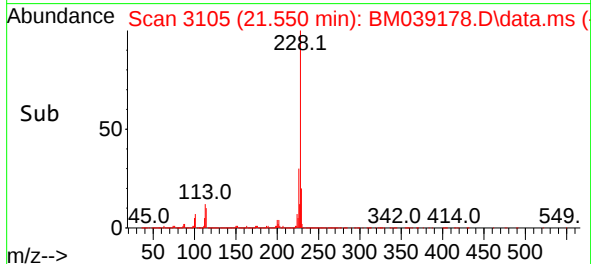
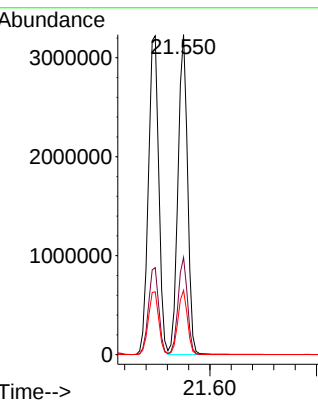
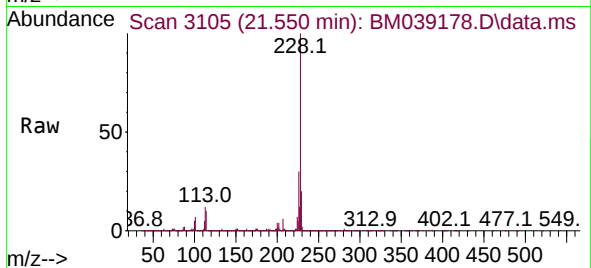
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.062 ng

RT: 21.415 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM039178.D

Acq: 28 Mar 2023 14:12

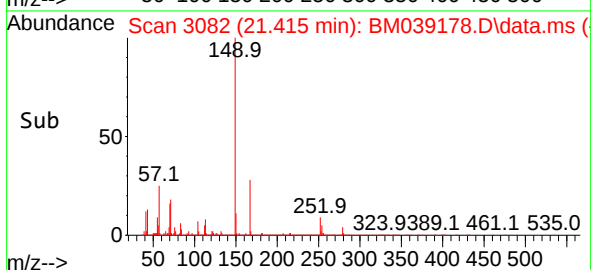
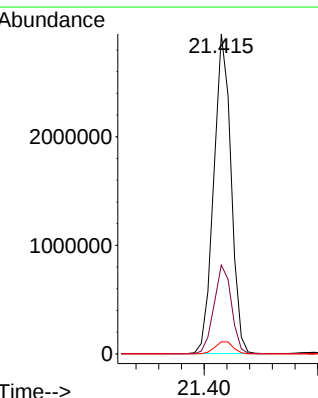
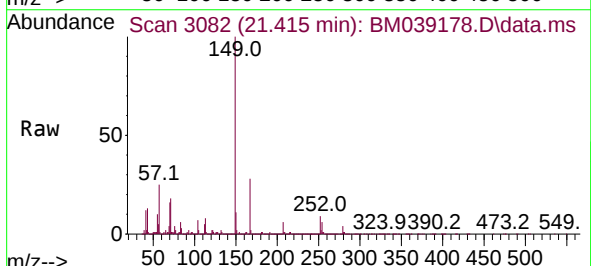
Tgt Ion:149 Resp: 3114451

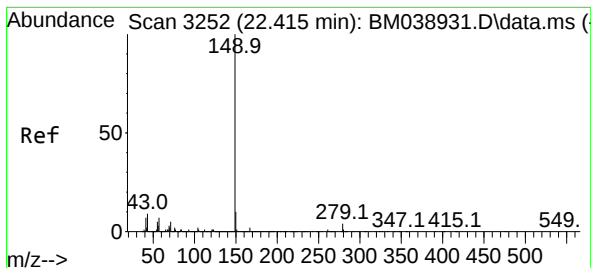
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

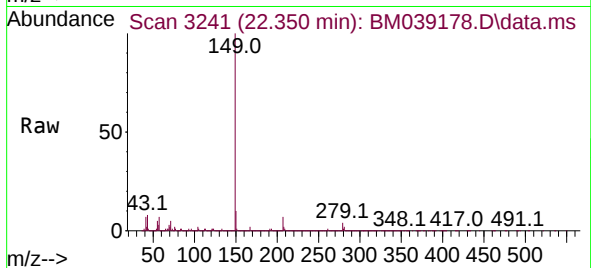
279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 50.351 ng
RT: 22.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

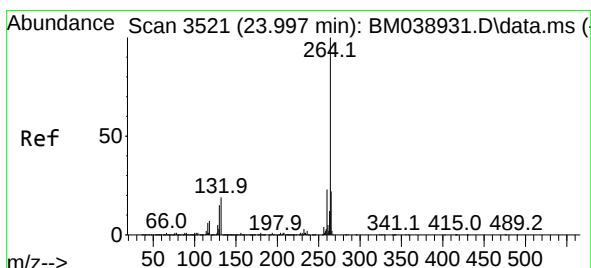
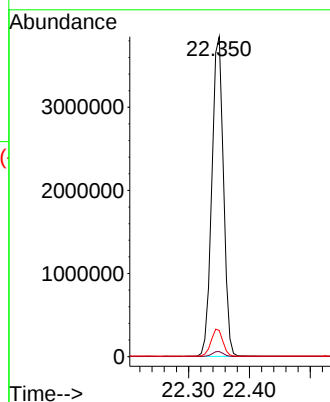
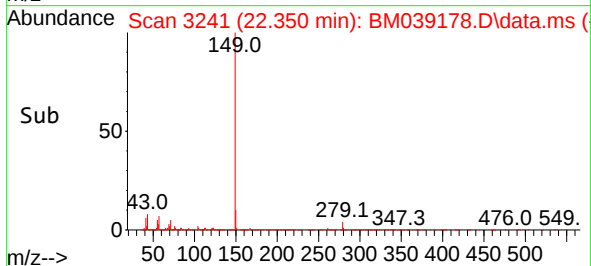
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:149 Resp: 5100212
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 7.4 11.2

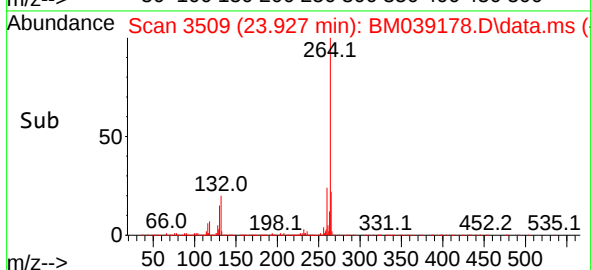
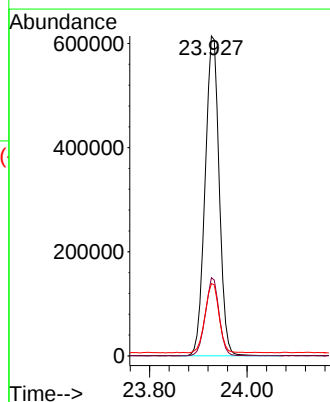
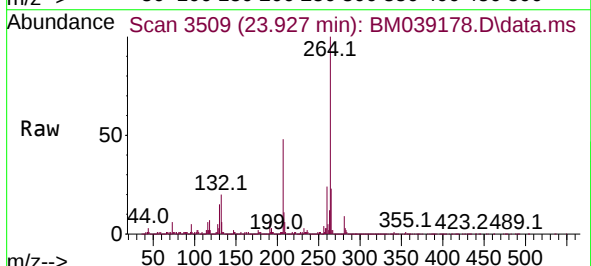
Manual Integrations
APPROVED

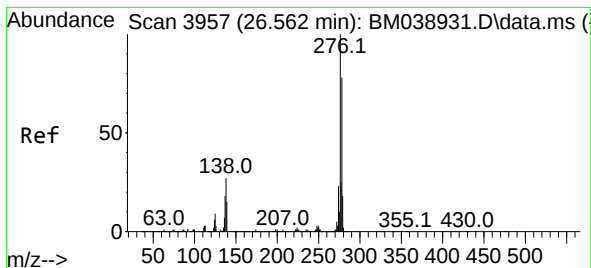
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Tgt Ion:264 Resp: 1235050
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 22.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.478 ng

RT: 26.450 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BM039178.D

Acq: 28 Mar 2023 14:12

Instrument :

BNA_M

ClientSampleId :

PB151601BS

Tgt Ion:276 Resp: 3898040

Ion Ratio Lower Upper

276 100

138 27.9 22.1 33.1

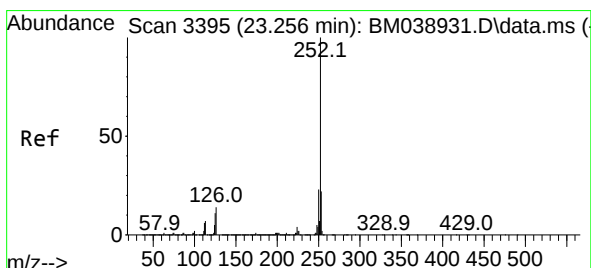
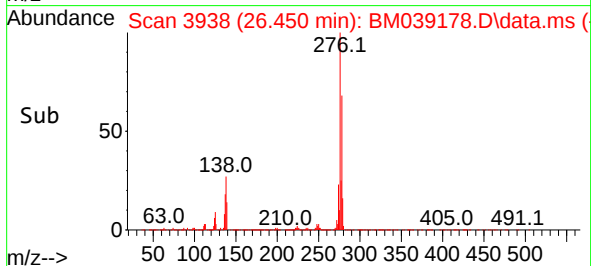
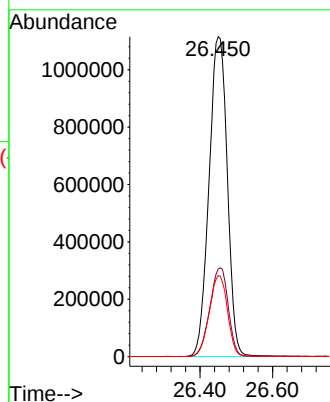
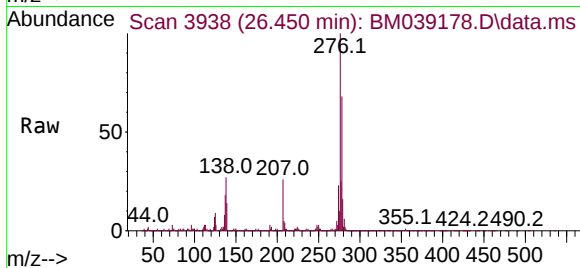
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#88

Benzo(b)fluoranthene

Concen: 48.603 ng

RT: 23.191 min Scan# 3384

Delta R.T. -0.006 min

Lab File: BM039178.D

Acq: 28 Mar 2023 14:12

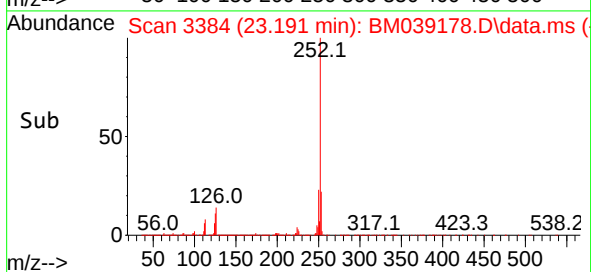
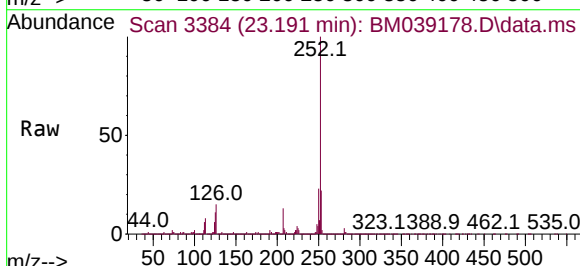
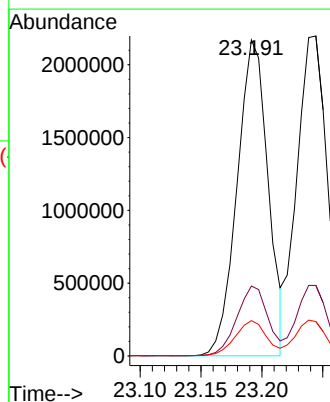
Tgt Ion:252 Resp: 3834956

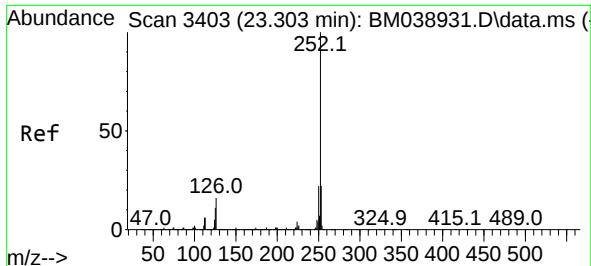
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

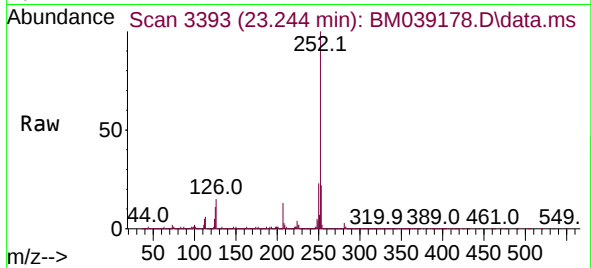
125 11.2 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 46.328 ng
RT: 23.244 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

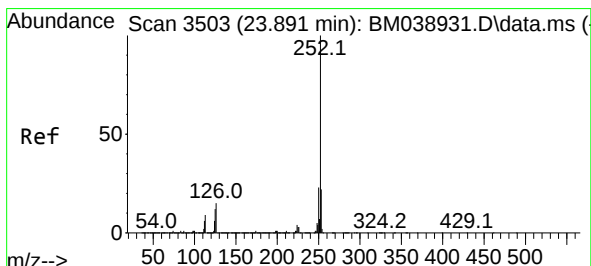
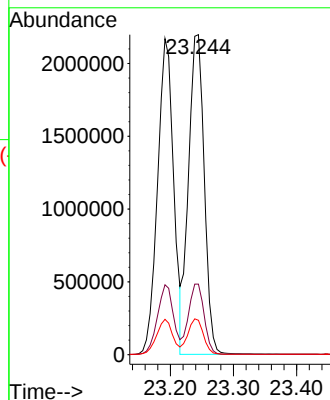
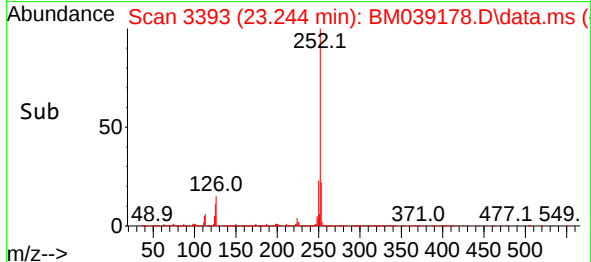
Instrument :
BNA_M
ClientSampleId :
PB151601BS



Tgt Ion:252 Resp: 3804246
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.7 8.9 13.3

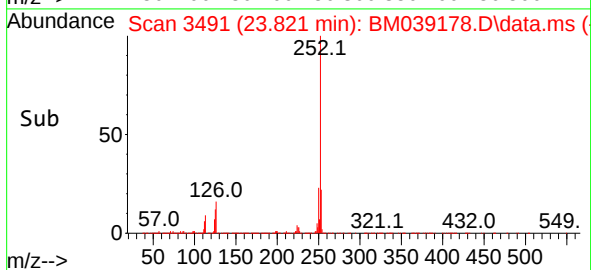
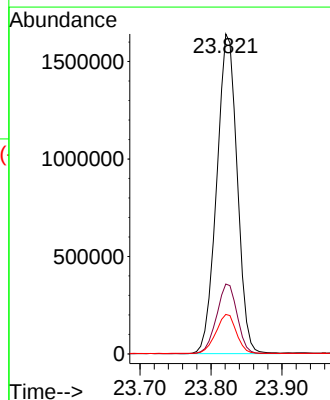
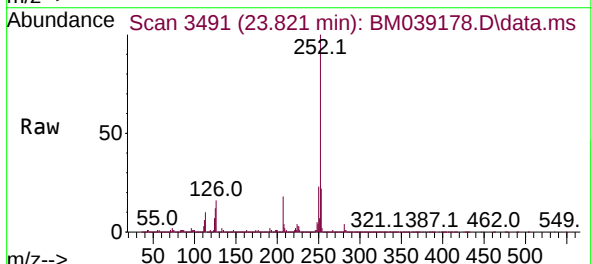
Manual Integrations
APPROVED

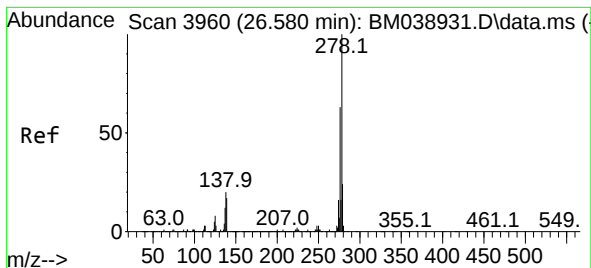
Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023



#90
Benzo(a)pyrene
Concen: 43.318 ng
RT: 23.821 min Scan# 3491
Delta R.T. -0.012 min
Lab File: BM039178.D
Acq: 28 Mar 2023 14:12

Tgt Ion:252 Resp: 3289519
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 41.120 ng

RT: 26.468 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM039178.D

Acq: 28 Mar 2023 14:12

Instrument :

BNA_M

ClientSampleId :

PB151601BS

Tgt Ion:278 Resp: 327266

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

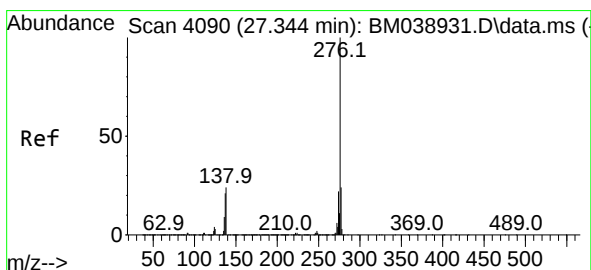
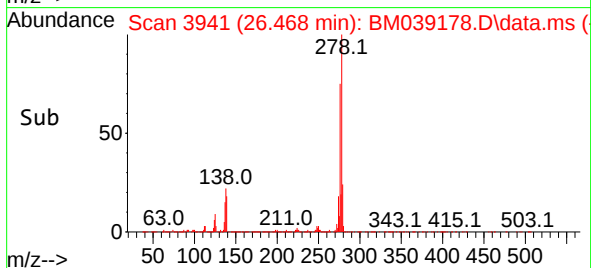
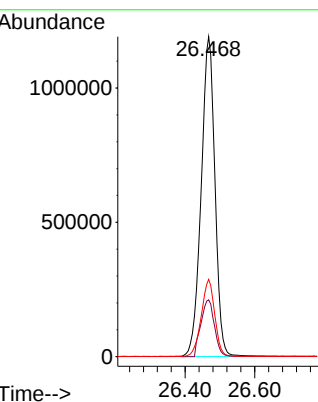
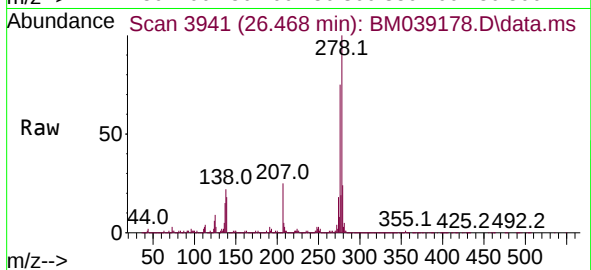
279 24.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2023

Supervised By :Jagrut Upadhyay 03/29/2023



#92

Benzo(g,h,i)perylene

Concen: 40.758 ng

RT: 27.226 min Scan# 4070

Delta R.T. -0.018 min

Lab File: BM039178.D

Acq: 28 Mar 2023 14:12

Tgt Ion:276 Resp: 3173625

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 24.5 19.0 28.6

