

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039146.D
 Acq On : 24 Mar 2023 17:51
 Operator : CG/JU
 Sample : 02047-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R-PITMSD

Quant Time: Mar 25 01:06:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/27/2023
 Supervised By : Jagrut Upadhyay 03/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	263680	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	991761	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	502155	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	900734	20.000	ng	0.00
76) Chrysene-d12	21.521	240	691877	20.000	ng	0.00
86) Perylene-d12	23.944	264	781653	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1226088	70.646	ng	0.00
7) Phenol-d6	7.116	99	1565100	69.427	ng	0.00
23) Nitrobenzene-d5	9.122	82	962227	47.658	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	387526	66.710	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1822397	47.244	ng	0.00
79) Terphenyl-d14	19.956	244	1822571	48.163	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	312599	40.486	ng	100
3) Pyridine	3.787	79	788272	36.812	ng	99
4) n-Nitrosodimethylamine	3.693	42	359618	41.270	ng	93
6) Aniline	7.275	93	972846	32.867	ng	99
8) 2-Chlorophenol	7.516	128	864656	46.796	ng	98
9) Benzaldehyde	7.087	77	583090	54.355	ng	97
10) Phenol	7.145	94	1094006	45.699	ng	97
11) bis(2-Chloroethyl)ether	7.375	93	858640	44.116	ng	98
12) 1,3-Dichlorobenzene	7.840	146	947903	48.274	ng	99
13) 1,4-Dichlorobenzene	7.987	146	963395	48.241	ng	99
14) 1,2-Dichlorobenzene	8.304	146	914264	47.527	ng	100
15) Benzyl Alcohol	8.198	79	735540m	45.522	ng	
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1075481	43.752	ng	99
17) 2-Methylphenol	8.404	107	697983	42.444	ng	99
18) Hexachloroethane	9.034	117	363347	49.313	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	622429	43.836	ng	98
20) 3+4-Methylphenols	8.734	107	928065	42.266	ng	99
22) Acetophenone	8.781	105	1269798	45.635	ng	# 98
24) Nitrobenzene	9.163	77	924573	43.568	ng	97
25) Isophorone	9.692	82	1653506	44.504	ng	100
26) 2-Nitrophenol	9.875	139	450988	48.122	ng	96
27) 2,4-Dimethylphenol	9.939	122	754386	46.599	ng	99
28) bis(2-Chloroethoxy)met...	10.175	93	1040285	43.576	ng	100
29) 2,4-Dichlorophenol	10.416	162	722191	47.053	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	791633	47.199	ng	99
31) Naphthalene	10.816	128	2492274	44.070	ng	100
32) Benzoic acid	10.086	122	547408	46.315	ng	97
33) 4-Chloroaniline	10.928	127	258557	10.728	ng	99
34) Hexachlorobutadiene	11.098	225	456213	47.432	ng	97
35) Caprolactam	11.728	113	214139	45.841	ng	100
36) 4-Chloro-3-methylphenol	12.057	107	724653	44.338	ng	99
37) 2-Methylnaphthalene	12.422	142	1605887	42.367	ng	99
38) 1-Methylnaphthalene	12.639	142	1500433	42.241	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	797535	48.854	ng	99
41) Hexachlorocyclopentadiene	12.769	237	1087094	121.316	ng	99
43) 2,4,6-Trichlorophenol	13.033	196	522666	49.442	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039146.D
 Acq On : 24 Mar 2023 17:51
 Operator : CG/JU
 Sample : 02047-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R-PITMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/27/2023
 Supervised By : Jagrut Upadhyay 03/27/2023

Quant Time: Mar 25 01:06:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	549792	44.433	ng	96
46) 1,1'-Biphenyl	13.433	154	2000820	47.032	ng	99
47) 2-Chloronaphthalene	13.474	162	1519076	47.354	ng	99
48) 2-Nitroaniline	13.680	65	450246	44.029	ng	94
49) Acenaphthylene	14.316	152	2307730	45.163	ng	99
50) Dimethylphthalate	14.057	163	1688202	43.690	ng	99
51) 2,6-Dinitrotoluene	14.174	165	373465	43.831	ng	97
52) Acenaphthene	14.657	154	1378645	43.902	ng	98
53) 3-Nitroaniline	14.504	138	239019	24.724	ng	96
54) 2,4-Dinitrophenol	14.710	184	474217	95.474	ng	91
55) Dibenzofuran	14.992	168	2127334	43.291	ng	99
56) 4-Nitrophenol	14.816	139	698572	91.030	ng	96
57) 2,4-Dinitrotoluene	14.963	165	490784	43.829	ng	95
58) Fluorene	15.645	166	1639169	42.583	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	436483	45.740	ng	97
60) Diethylphthalate	15.416	149	1612316	42.884	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	799380	42.272	ng	98
62) 4-Nitroaniline	15.668	138	390988	38.800	ng	96
63) Azobenzene	15.927	77	1730344	43.495	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	276250	46.810	ng	95
66) n-Nitrosodiphenylamine	15.851	169	1383011	45.545	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	461332	47.419	ng	98
68) Hexachlorobenzene	16.645	284	522498	48.042	ng	98
69) Atrazine	16.804	200	428323	51.641	ng	99
70) Pentachlorophenol	16.992	266	662489	82.819	ng	99
71) Phenanthrene	17.380	178	2354623	44.541	ng	100
72) Anthracene	17.474	178	2360286	44.771	ng	100
73) Carbazole	17.745	167	2142178	44.522	ng	100
74) Di-n-butylphthalate	18.309	149	2570491	43.959	ng	99
75) Fluoranthene	19.398	202	2455998	44.001	ng	99
77) Benzidine	19.586	184	1216108	74.154	ng	98
78) Pyrene	19.756	202	2546113	48.996	ng	100
80) Butylbenzylphthalate	20.656	149	1039661	47.117	ng	97
81) Benzo(a)anthracene	21.503	228	2262257	45.404	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	615054	40.165	ng	99
83) Chrysene	21.556	228	2175911	44.902	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1477010	46.324	ng	100
85) Di-n-octyl phthalate	22.362	149	2566086	48.369	ng	98
87) Indeno(1,2,3-cd)pyrene	26.480	276	3133044	52.676	ng	100
88) Benzo(b)fluoranthene	23.209	252	2330784	46.674	ng	100
89) Benzo(k)fluoranthene	23.256	252	2234193	42.990	ng	100
90) Benzo(a)pyrene	23.839	252	2084182	43.366	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	2609218	51.800	ng	99
92) Benzo(g,h,i)perylene	27.256	276	2656391	53.903	ng	99

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

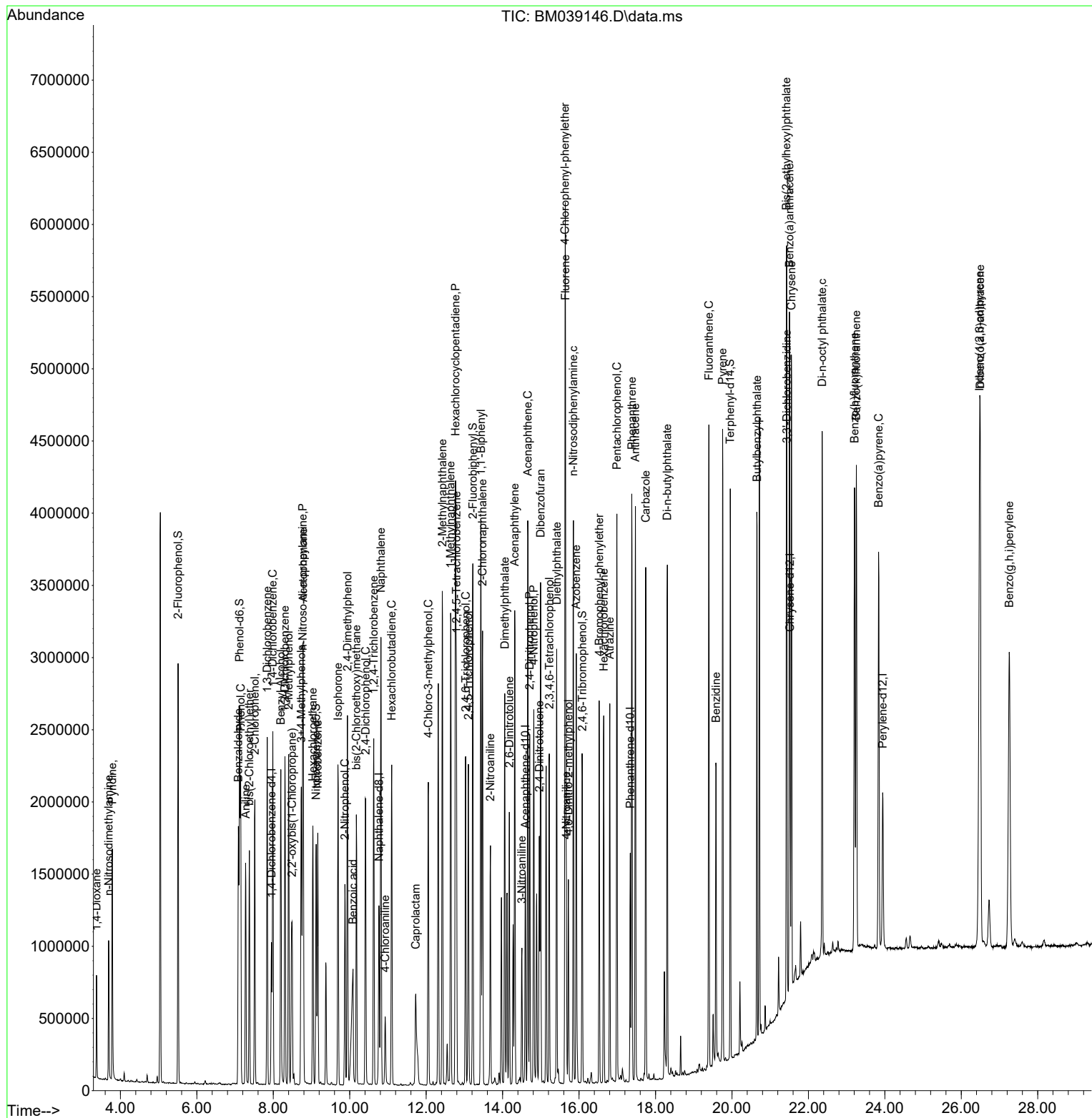
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039146.D
 Acq On : 24 Mar 2023 17:51
 Operator : CG/JU
 Sample : 02047-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

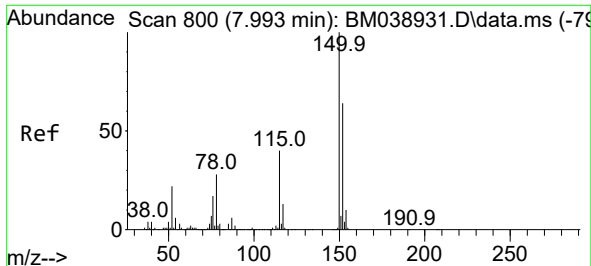
Instrument :
 BNA_M
 ClientSampleId :
 R-PITMSD

Quant Time: Mar 25 01:06:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

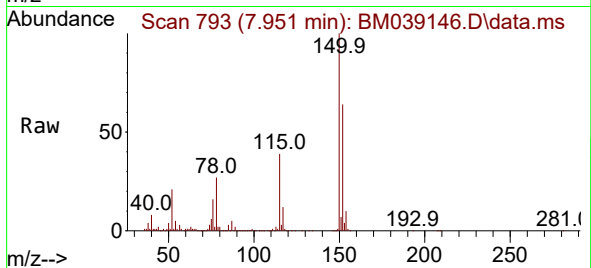
Reviewed By : Christian Giraldo 03/27/2023
 Supervised By : Jagrut Upadhyay 03/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

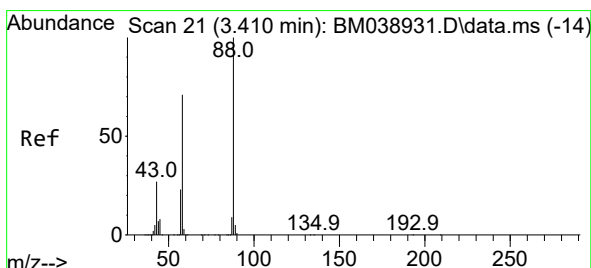
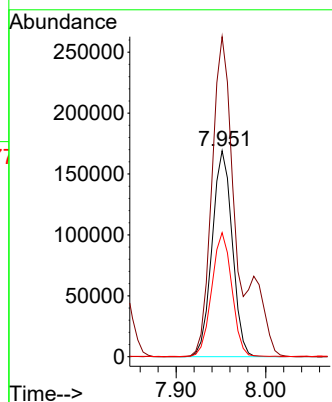
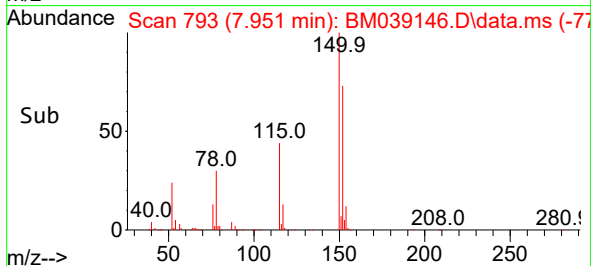
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:152 Resp: 263680
Ion Ratio Lower Upper
152 100
150 155.4 125.1 187.7
115 60.3 49.6 74.4

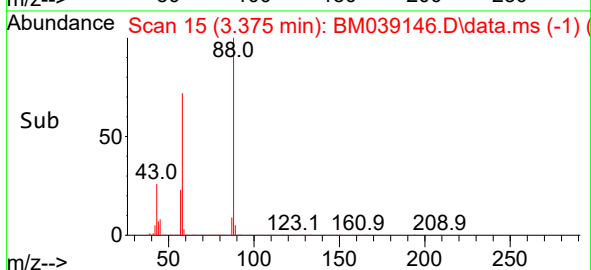
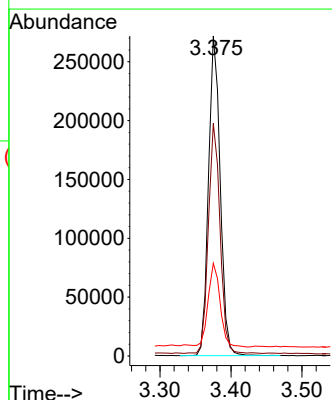
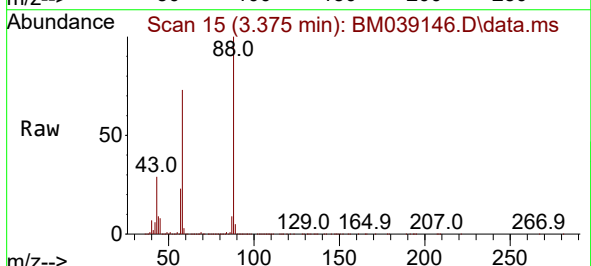
Manual Integrations
APPROVED

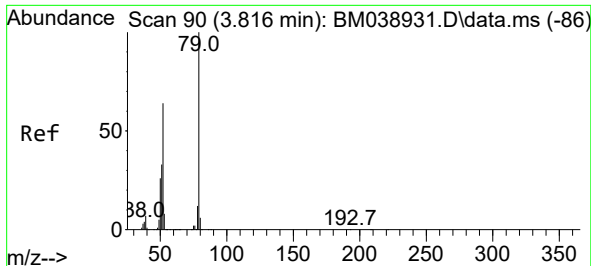
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#2
1,4-Dioxane
Concen: 40.486 ng
RT: 3.375 min Scan# 15
Delta R.T. 0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

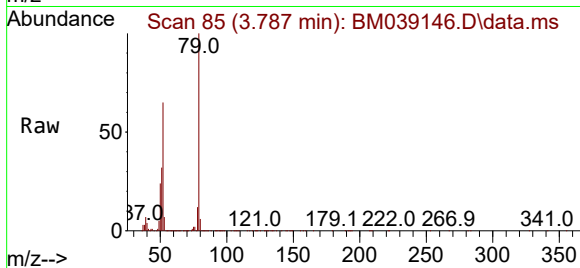
Tgt Ion: 88 Resp: 312599
Ion Ratio Lower Upper
88 100
58 71.6 57.2 85.8
43 26.8 22.0 33.0





#3
Pyridine
Concen: 36.812 ng
RT: 3.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

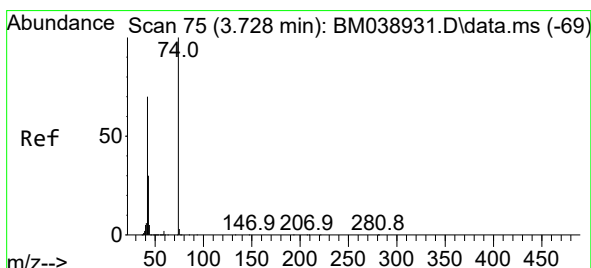
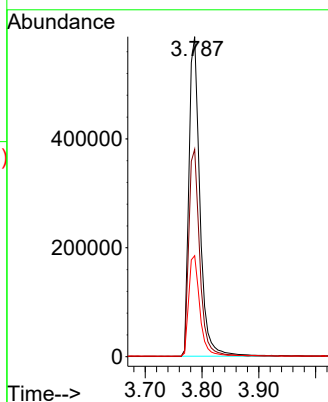
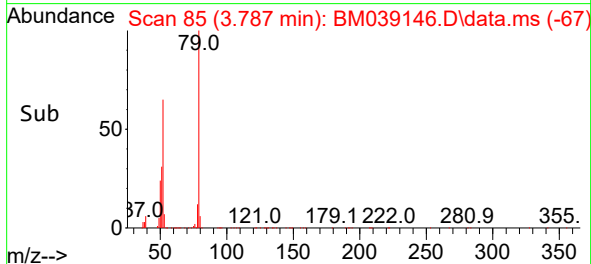
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



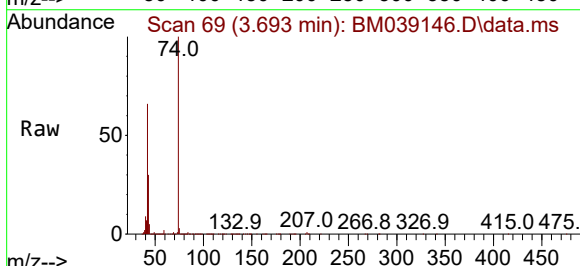
Tgt Ion: 79 Resp: 788272
Ion Ratio Lower Upper
79 100
52 64.8 51.4 77.2
51 31.6 26.6 40.0

Manual Integrations
APPROVED

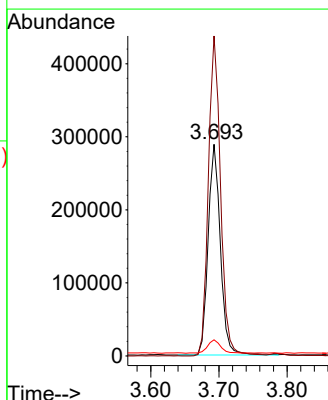
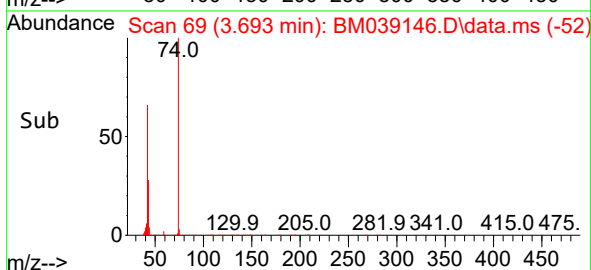
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

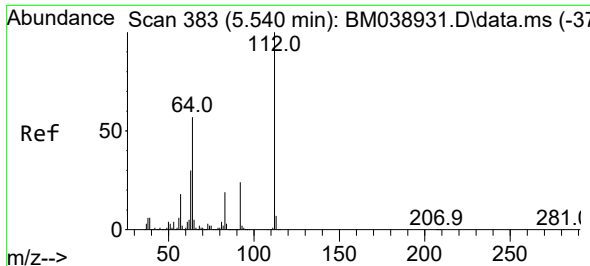


#4
n-Nitrosodimethylamine
Concen: 41.270 ng
RT: 3.693 min Scan# 69
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



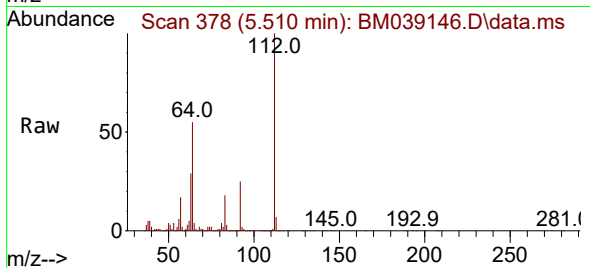
Tgt Ion: 42 Resp: 359618
Ion Ratio Lower Upper
42 100
74 151.1 113.8 170.8
44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 70.646 ng
RT: 5.510 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

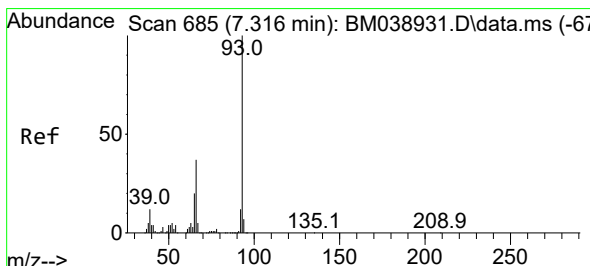
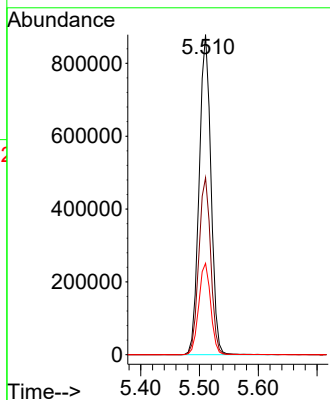
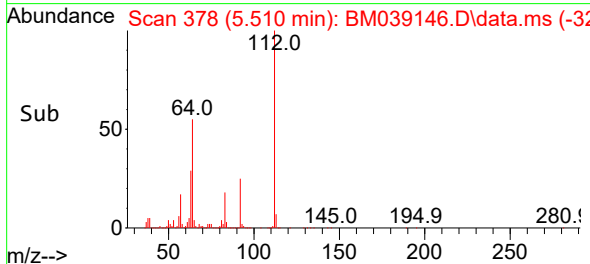
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:112 Resp: 1226088
Ion Ratio Lower Upper
112 100
64 55.3 45.9 68.9
63 28.6 23.8 35.8

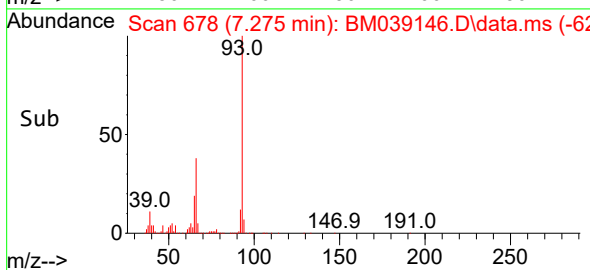
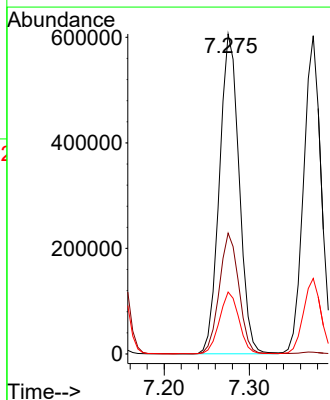
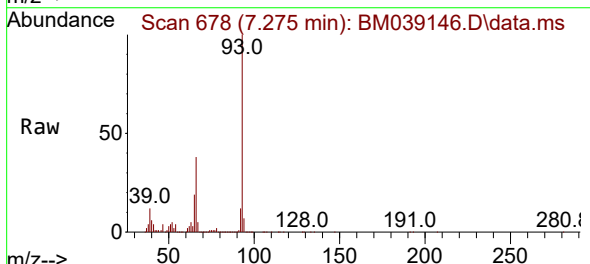
Manual Integrations
APPROVED

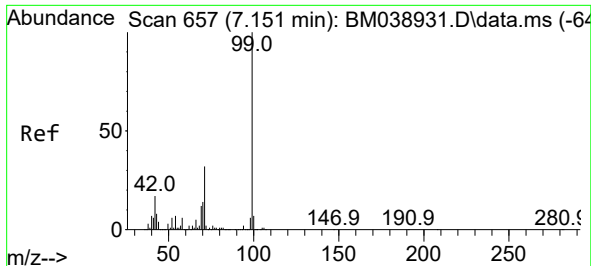
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#6
Aniline
Concen: 32.867 ng
RT: 7.275 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

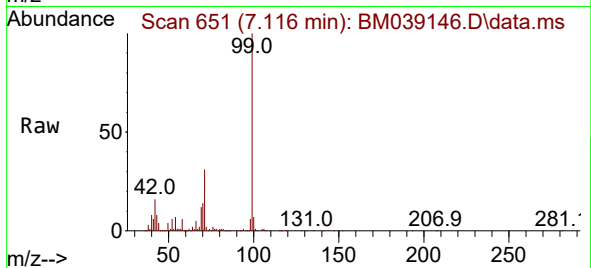
Tgt Ion: 93 Resp: 972846
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.4 15.8 23.6





#7
Phenol-d6
Concen: 69.427 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

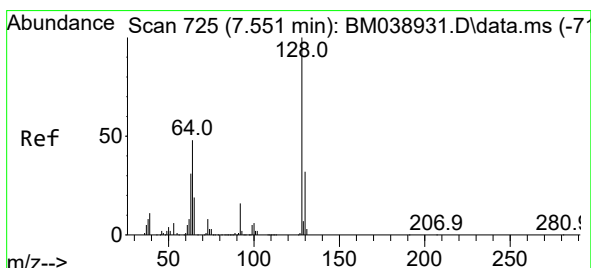
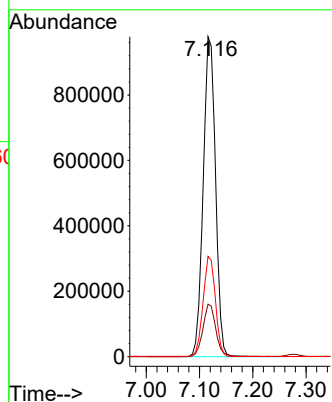
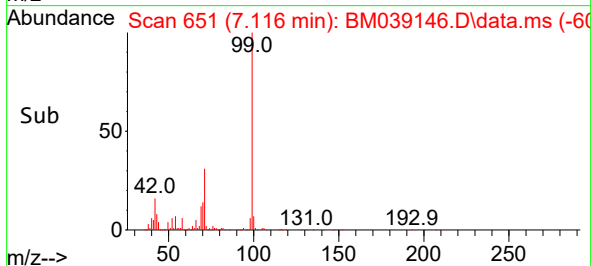
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



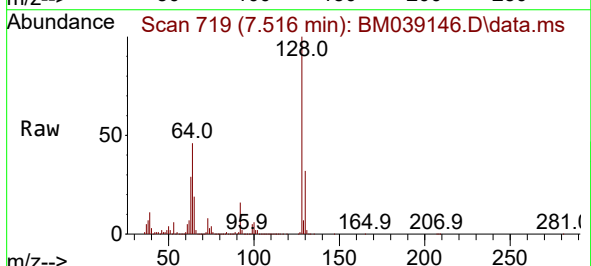
Tgt Ion: 99 Resp: 1565100
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 31.4 25.6 38.4

Manual Integrations
APPROVED

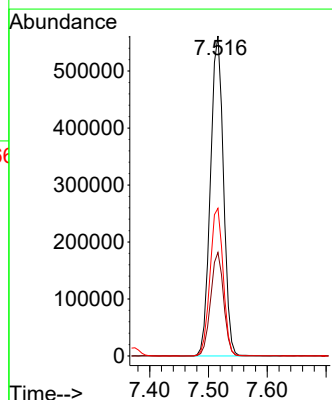
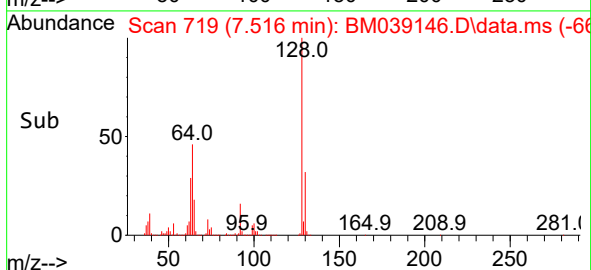
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

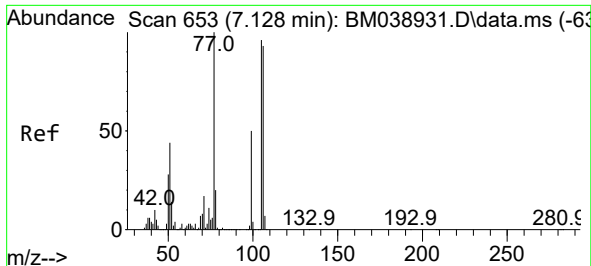


#8
2-Chlorophenol
Concen: 46.796 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



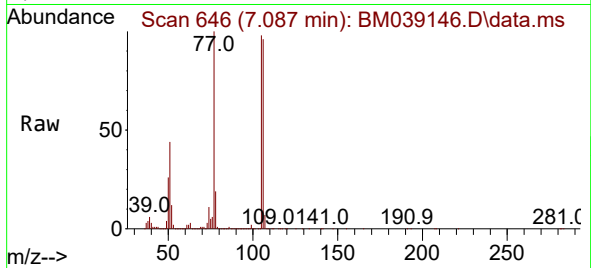
Tgt Ion:128 Resp: 864656
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 46.2 28.6 68.6





#9
Benzaldehyde
Concen: 54.355 ng
RT: 7.087 min Scan# 646
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

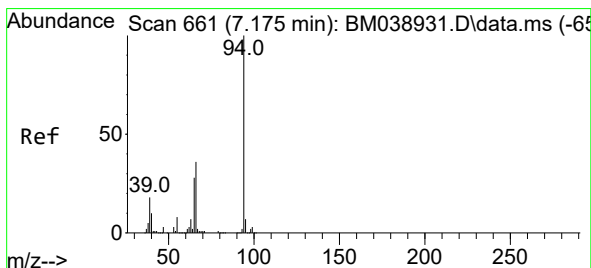
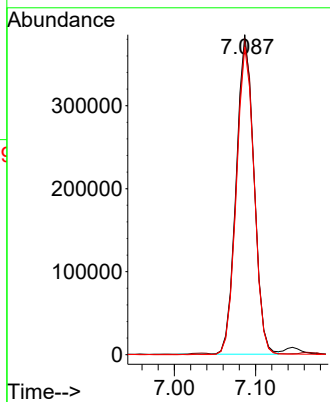
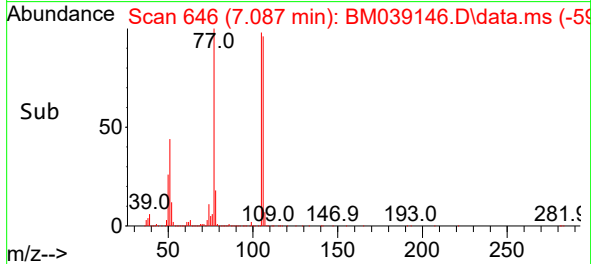
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



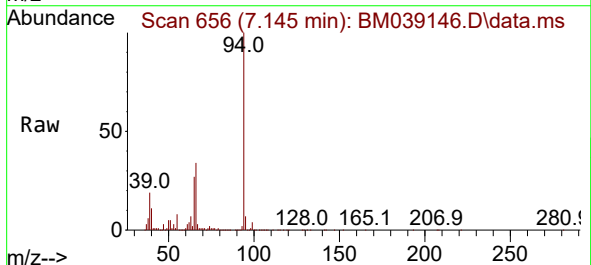
Tgt Ion: 77 Resp: 583090
Ion Ratio Lower Upper
77 100
105 97.9 75.8 115.8
106 96.1 72.6 112.6

Manual Integrations
APPROVED

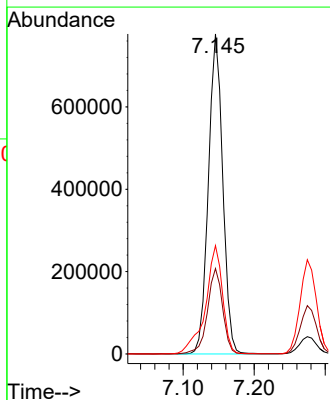
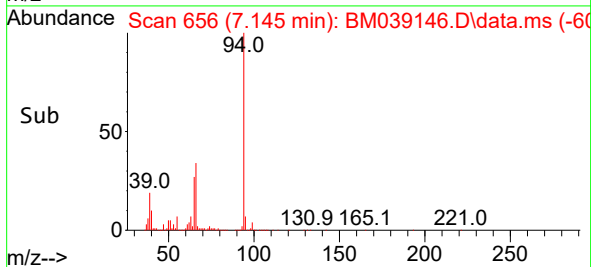
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

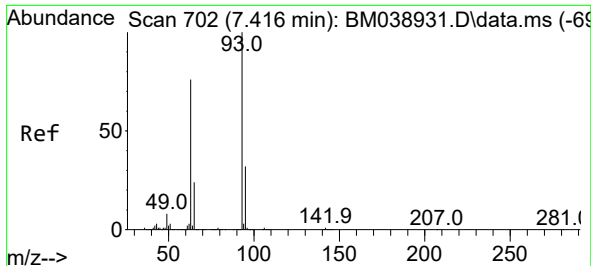


#10
Phenol
Concen: 45.699 ng
RT: 7.145 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



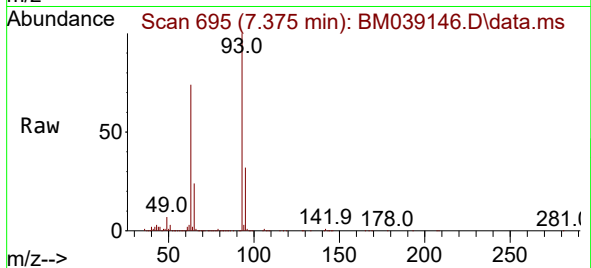
Tgt Ion: 94 Resp: 1094006
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 33.8 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 44.116 ng
RT: 7.375 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

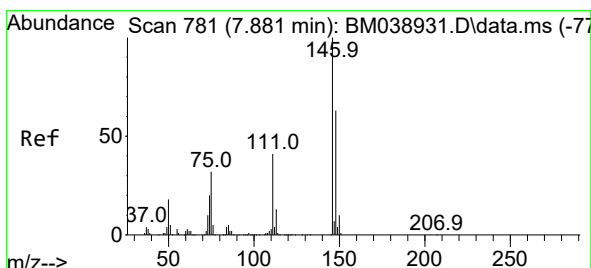
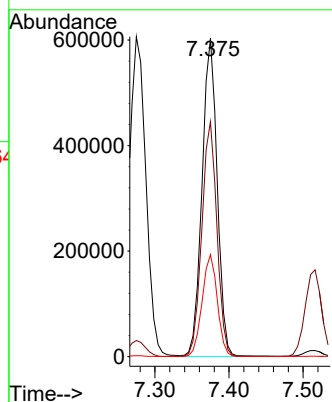
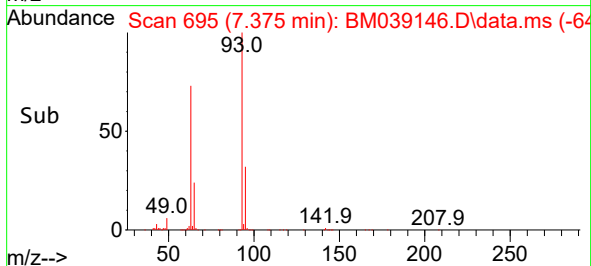
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion: 93 Resp: 858640
Ion Ratio Lower Upper
93 100
63 73.8 55.8 95.8
95 32.1 12.2 52.2

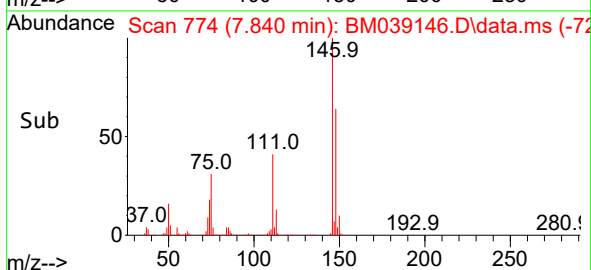
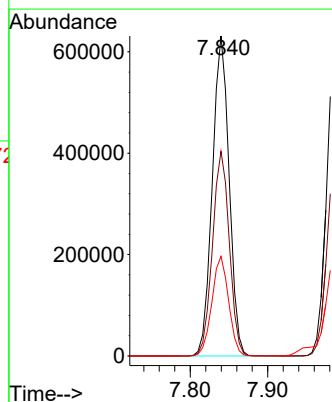
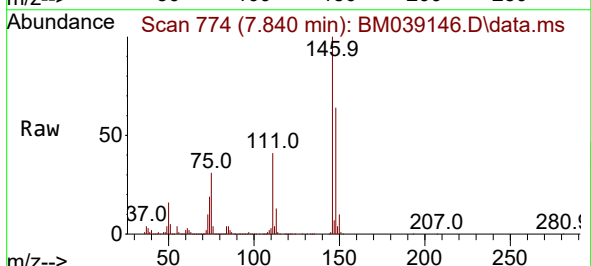
Manual Integrations
APPROVED

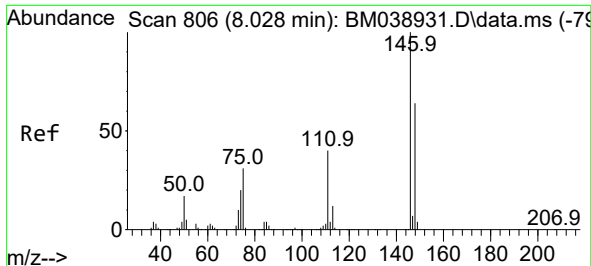
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#12
1,3-Dichlorobenzene
Concen: 48.274 ng
RT: 7.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:146 Resp: 947903
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 31.1 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 48.241 ng

RT: 7.987 min Scan# 74

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion:146 Resp: 96339

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

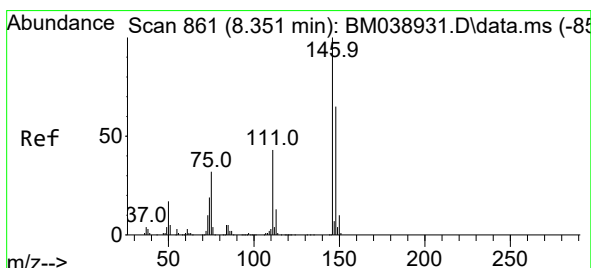
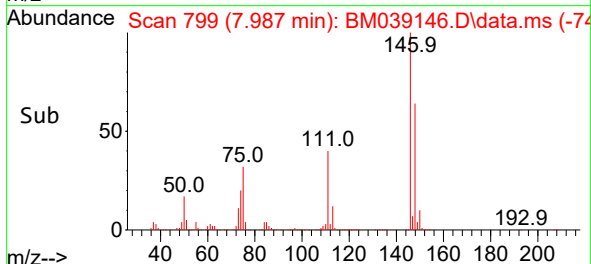
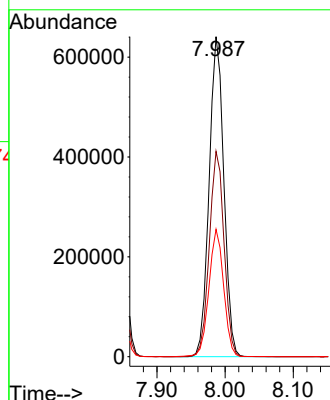
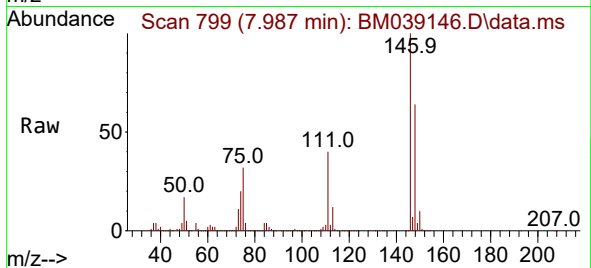
111 39.8 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#14

1,2-Dichlorobenzene

Concen: 47.527 ng

RT: 8.304 min Scan# 853

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

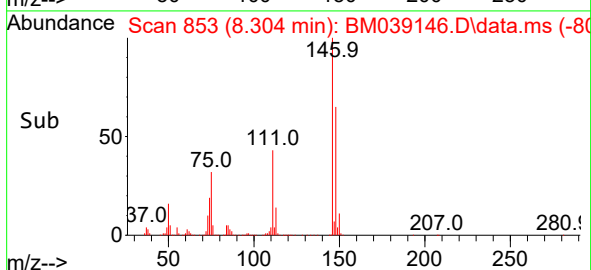
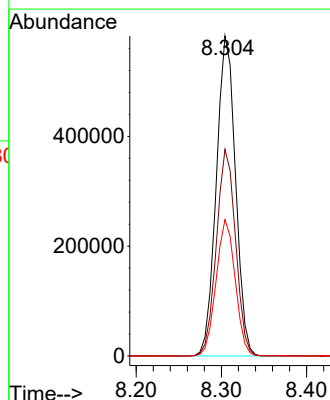
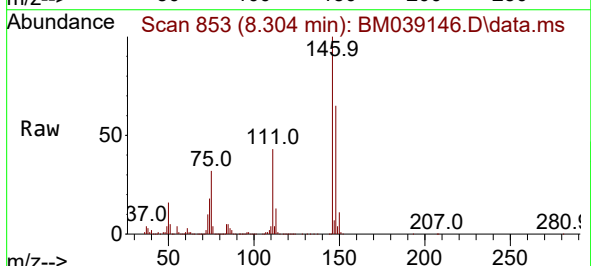
Tgt Ion:146 Resp: 914264

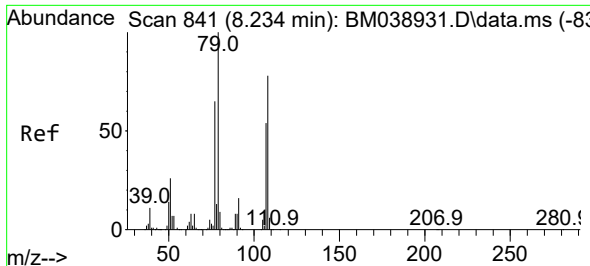
Ion Ratio Lower Upper

146 100

148 64.6 51.7 77.5

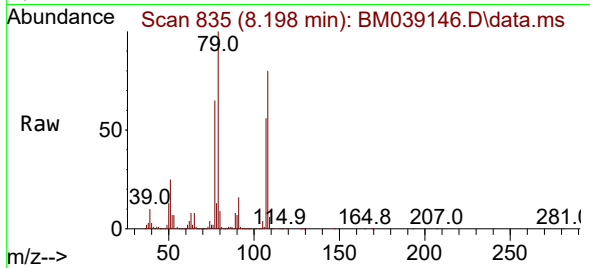
111 42.6 34.2 51.4





#15
Benzyl Alcohol
Concen: 45.522 ng m
RT: 8.198 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

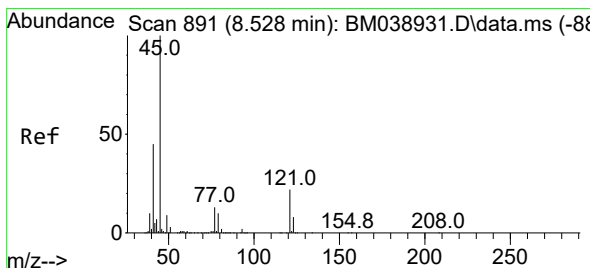
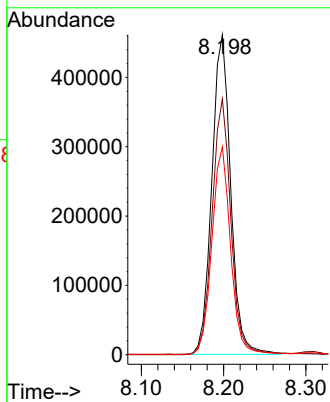
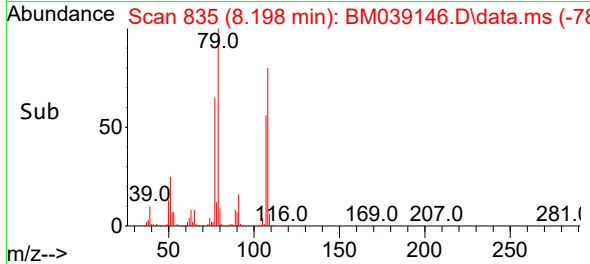
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion: 79 Resp: 735540
Ion Ratio Lower Upper
79 100
108 79.9 62.4 93.6
77 65.0 52.2 78.4

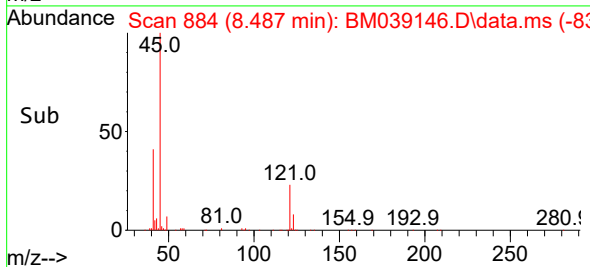
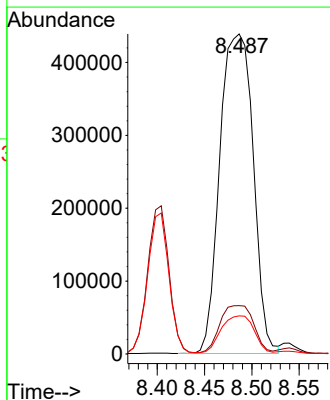
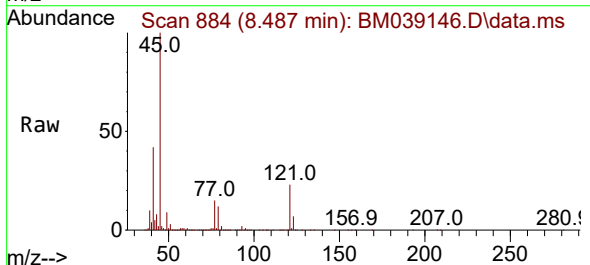
Manual Integrations
APPROVED

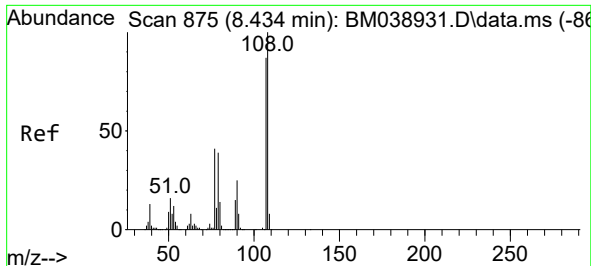
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.752 ng
RT: 8.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

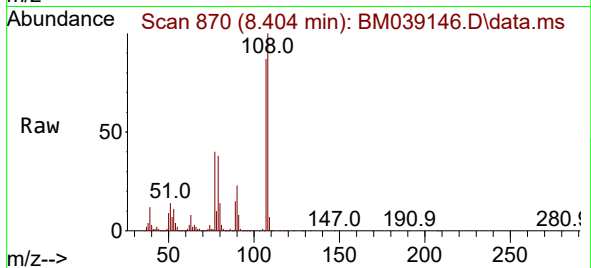
Tgt Ion: 45 Resp: 1075481
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.9 0.0 31.5





#17
2-Methylphenol
Concen: 42.444 ng
RT: 8.404 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

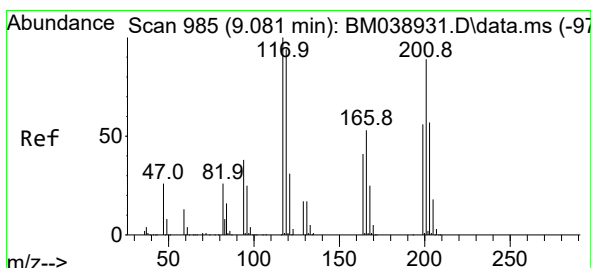
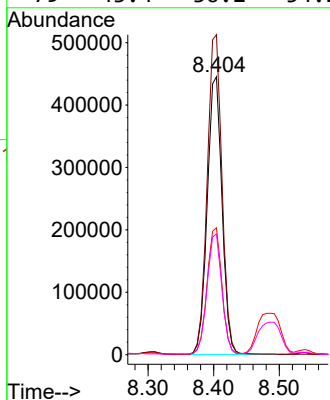
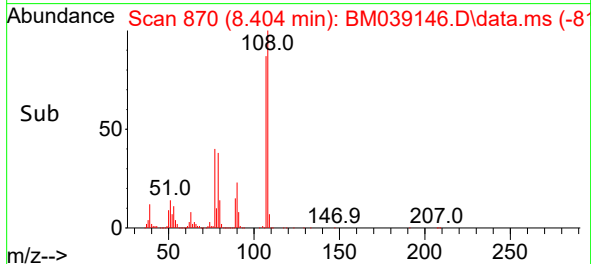
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:107 Resp: 69798
Ion Ratio Lower Upper
107 100
108 115.1 91.7 137.5
77 45.6 37.4 56.2
79 43.4 36.2 54.2

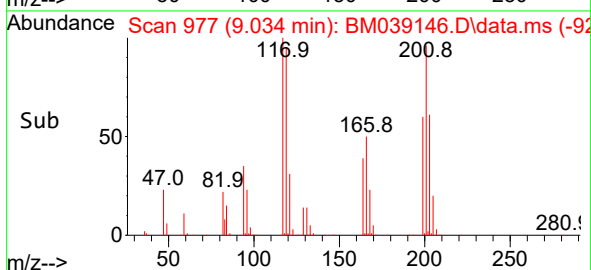
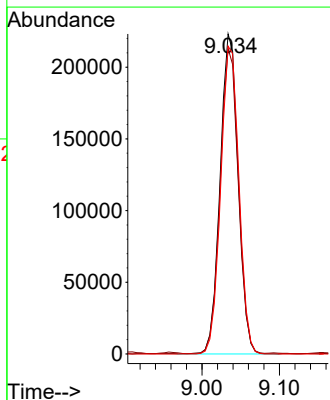
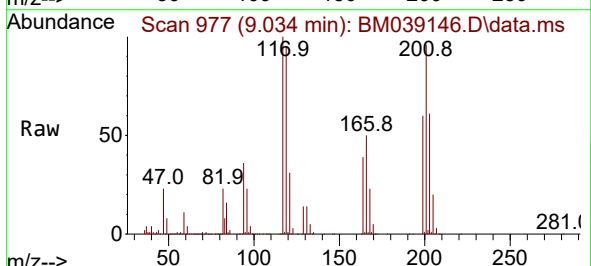
Manual Integrations
APPROVED

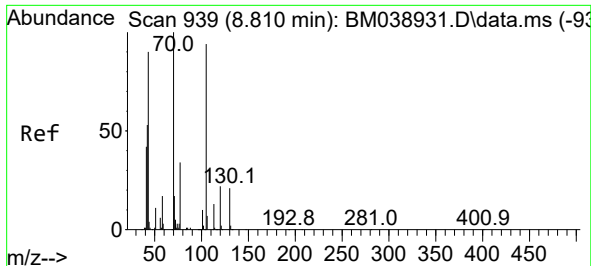
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#18
Hexachloroethane
Concen: 49.313 ng
RT: 9.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

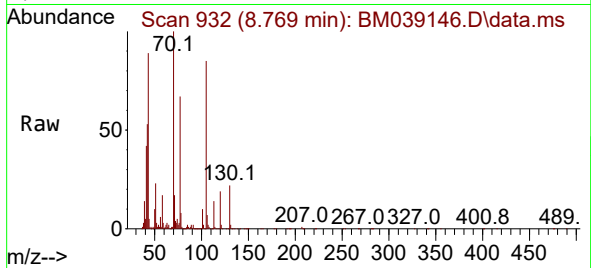
Tgt Ion:117 Resp: 363347
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0
201 96.2 71.3 106.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.836 ng
RT: 8.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

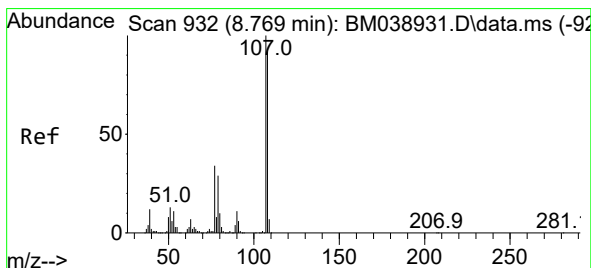
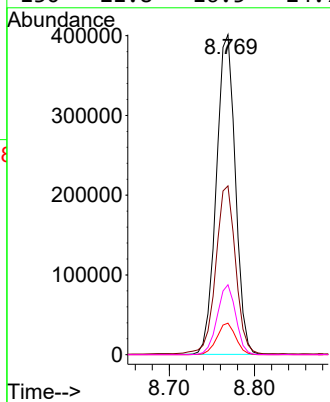
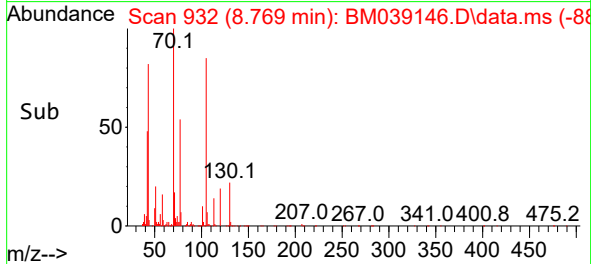
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



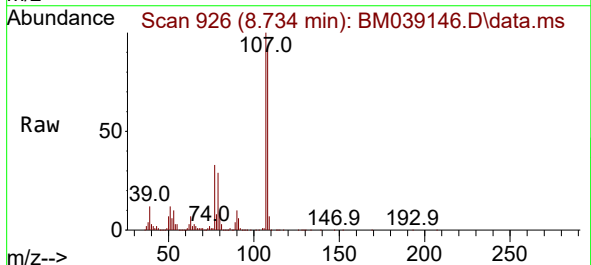
Tgt Ion: 70 Resp: 622429
Ion Ratio Lower Upper
70 100
42 52.8 43.4 65.2
101 9.8 7.6 11.4
130 21.8 16.5 24.7

Manual Integrations
APPROVED

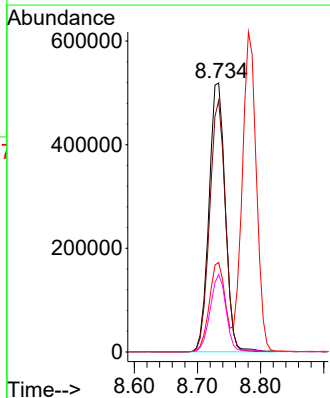
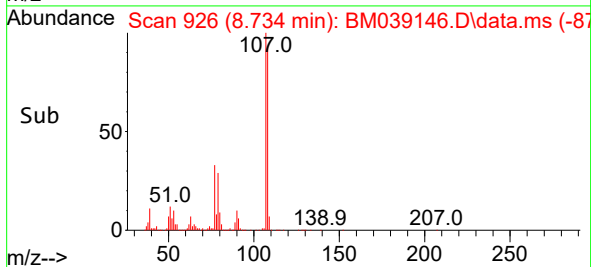
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

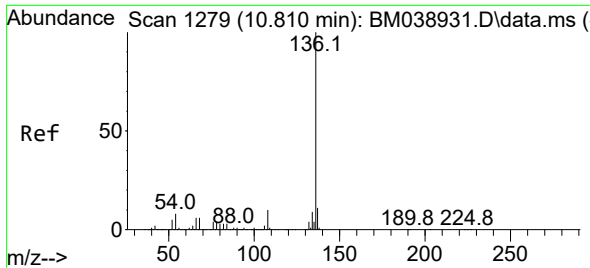


#20
3+4-Methylphenols
Concen: 42.266 ng
RT: 8.734 min Scan# 926
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



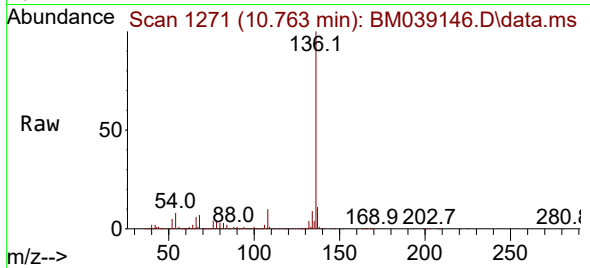
Tgt Ion:107 Resp: 928065
Ion Ratio Lower Upper
107 100
108 93.4 71.8 111.8
77 33.3 13.6 53.6
79 28.8 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

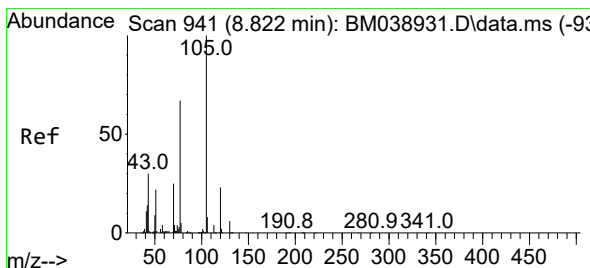
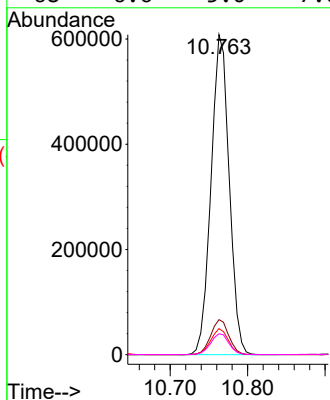
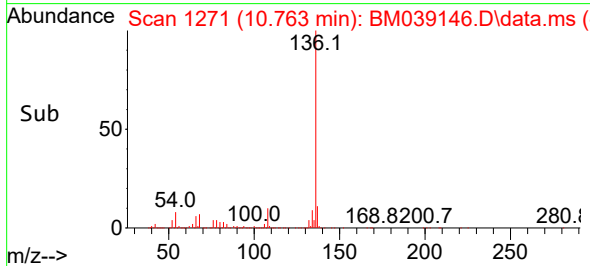
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:136 Resp: 991763
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.3 9.5
68 6.6 5.0 7.6

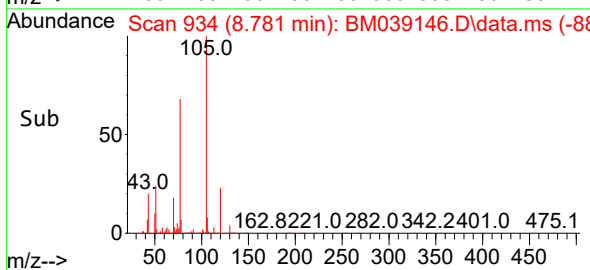
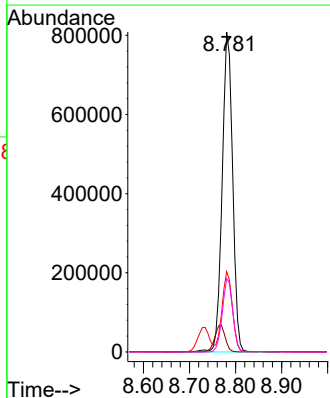
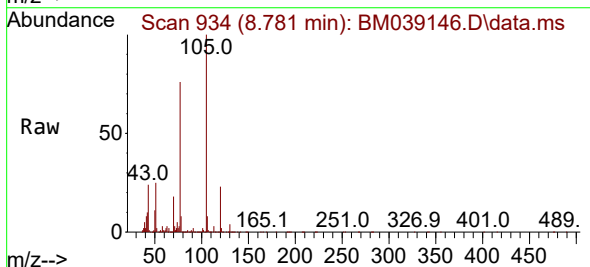
Manual Integrations
APPROVED

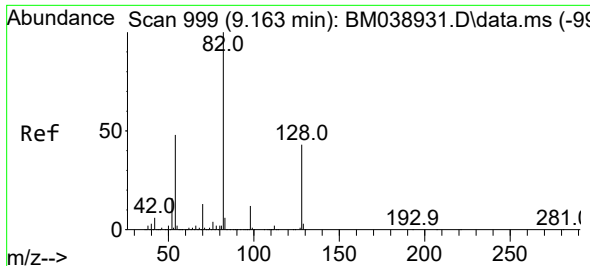
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#22
Acetophenone
Concen: 45.635 ng
RT: 8.781 min Scan# 934
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:105 Resp: 1269798
Ion Ratio Lower Upper
105 100
71 3.0 3.4 5.0#
51 25.1 21.0 31.4
120 22.9 18.1 27.1





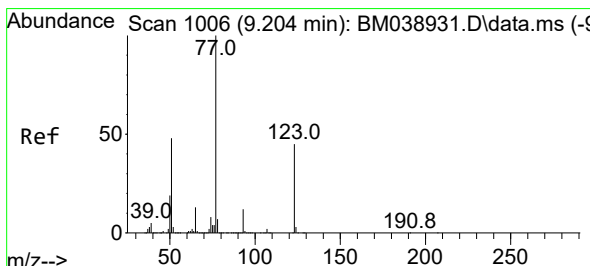
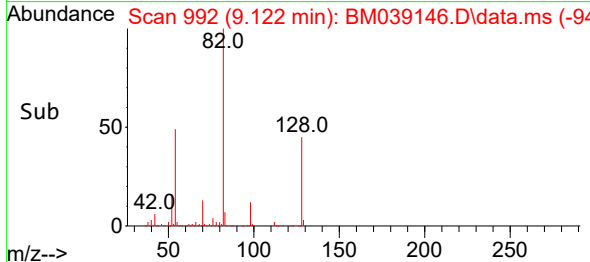
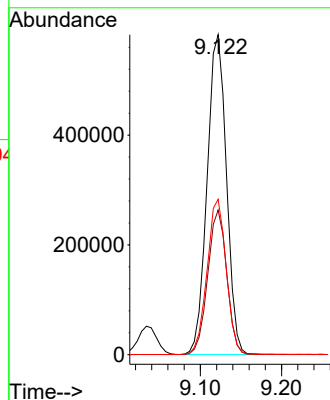
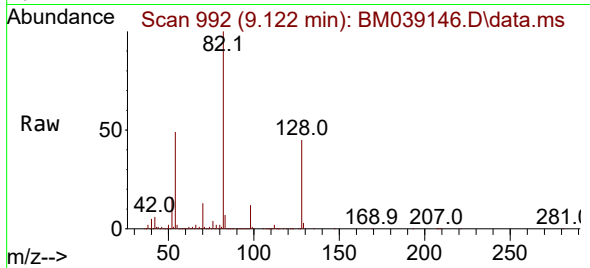
#23
Nitrobenzene-d5
Concen: 47.658 ng
RT: 9.122 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Instrument :
BNA_M
ClientSampleId :
R-PITMSD

Tgt Ion: 82 Resp: 962227
Ion Ratio Lower Upper
82 100
128 45.2 34.4 51.6
54 48.6 38.8 58.2

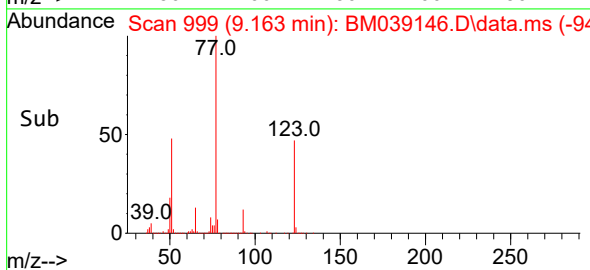
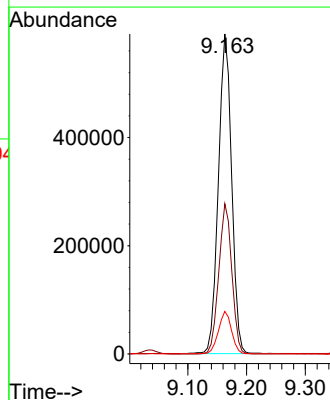
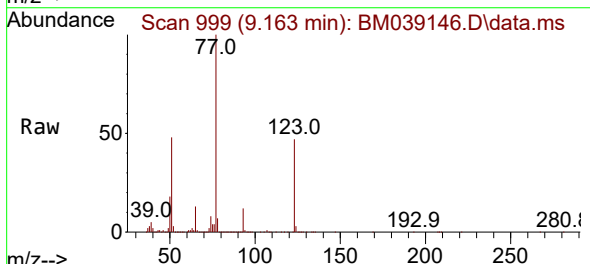
Manual Integrations
APPROVED

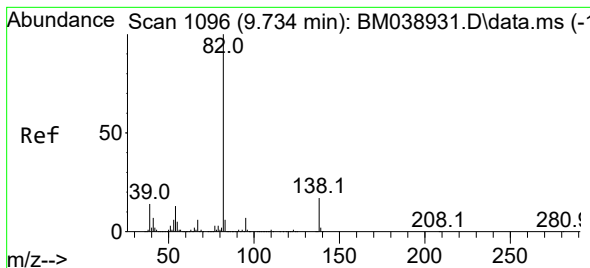
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#24
Nitrobenzene
Concen: 43.568 ng
RT: 9.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 77 Resp: 924573
Ion Ratio Lower Upper
77 100
123 47.0 35.8 53.6
65 13.3 10.2 15.4





#25

Isophorone

Concen: 44.504 ng

RT: 9.692 min Scan# 1089

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion: 82 Resp: 1653500

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

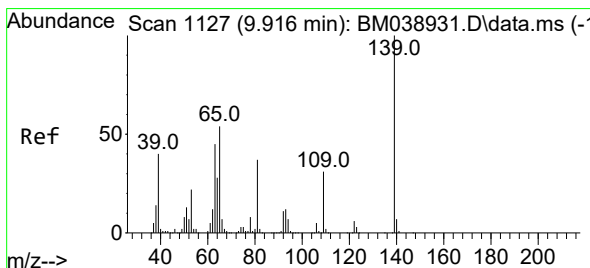
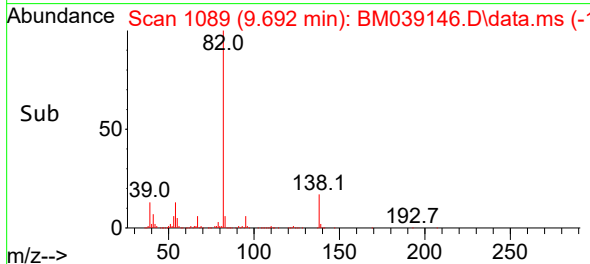
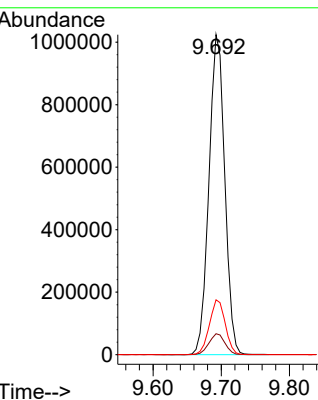
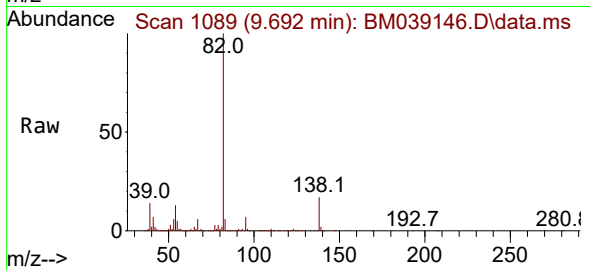
138 17.2 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#26

2-Nitrophenol

Concen: 48.122 ng

RT: 9.875 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

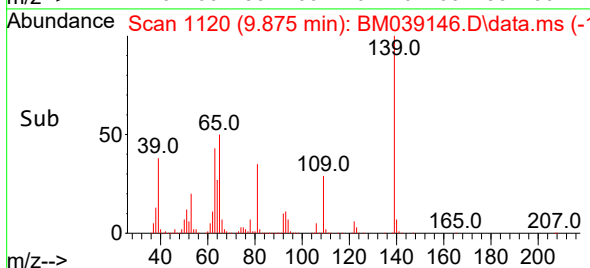
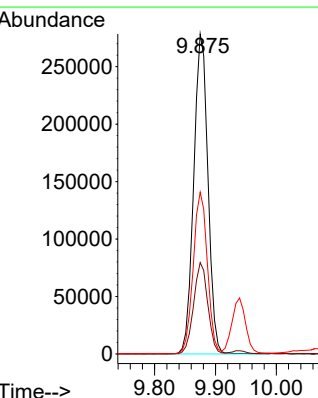
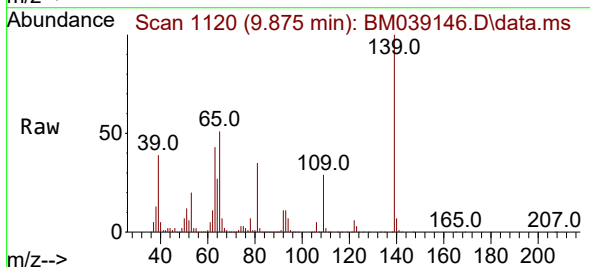
Tgt Ion:139 Resp: 450988

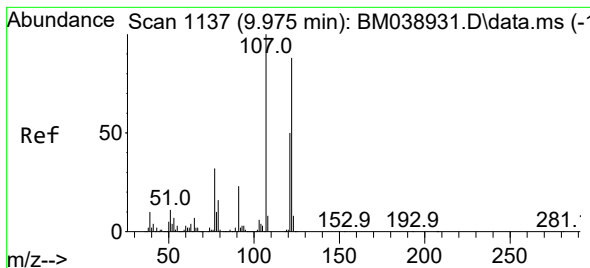
Ion Ratio Lower Upper

139 100

109 28.6 24.5 36.7

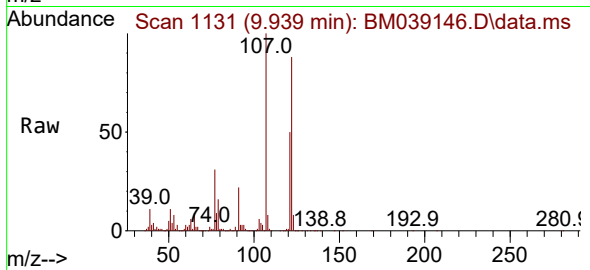
65 50.6 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 46.599 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

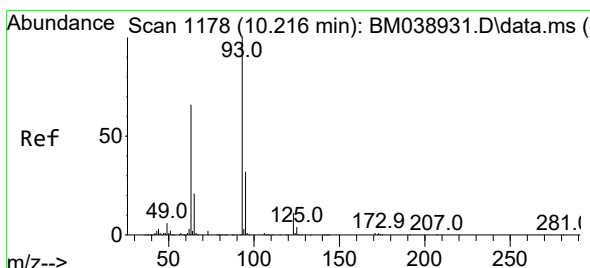
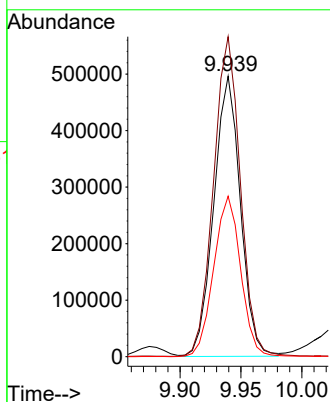
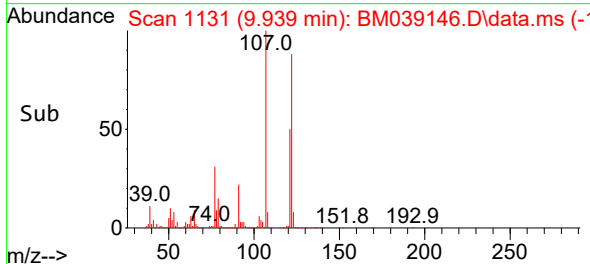
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



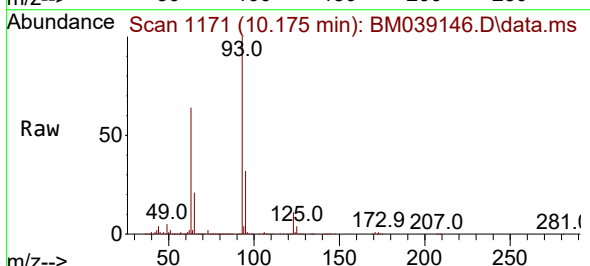
Tgt Ion:122 Resp: 754380
Ion Ratio Lower Upper
122 100
107 114.1 91.0 136.4
121 57.2 45.1 67.7

Manual Integrations
APPROVED

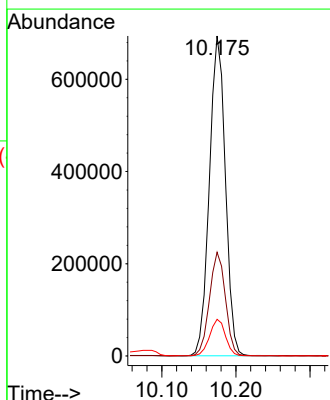
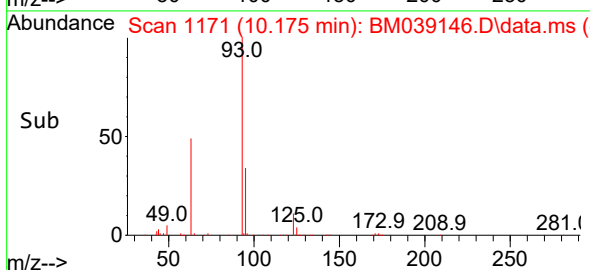
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

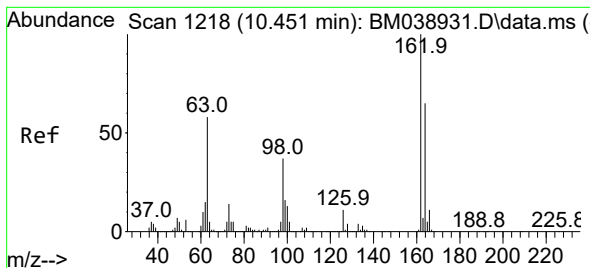


#28
bis(2-Chloroethoxy)methane
Concen: 43.576 ng
RT: 10.175 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



Tgt Ion: 93 Resp: 1040285
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.4 8.8 13.2





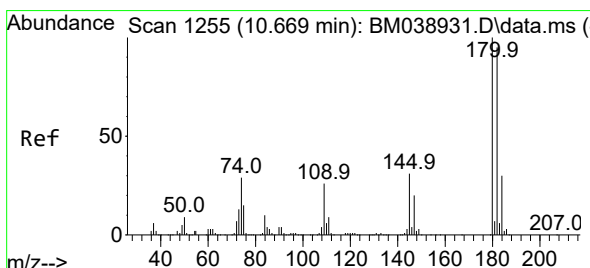
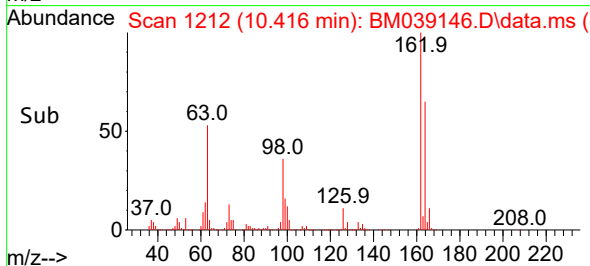
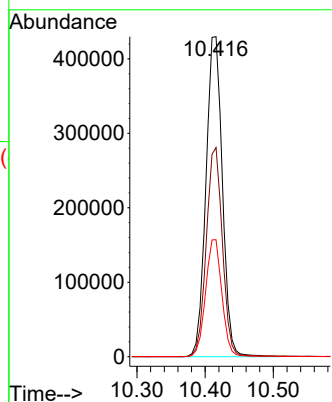
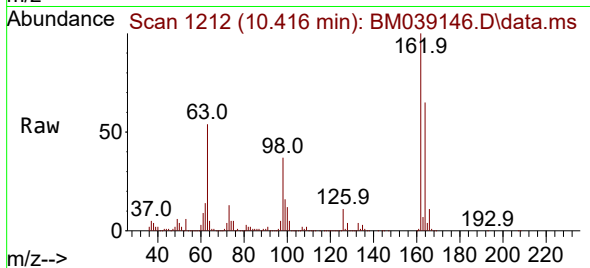
#29
2,4-Dichlorophenol
Concen: 47.053 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Instrument :
BNA_M
ClientSampleId :
R-PITMSD

Tgt Ion:162 Resp: 72219
Ion Ratio Lower Upper
162 100
164 65.3 44.6 84.6
98 36.5 17.5 57.5

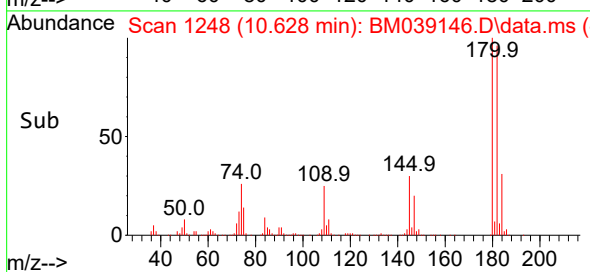
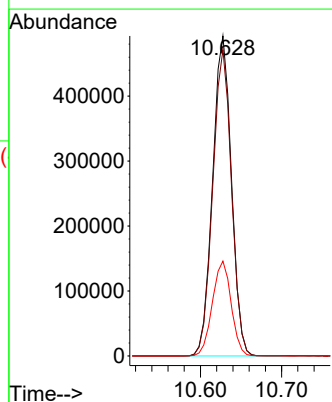
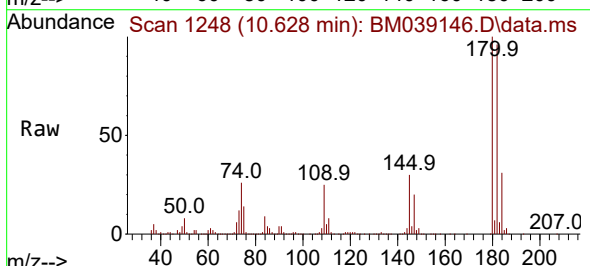
Manual Integrations
APPROVED

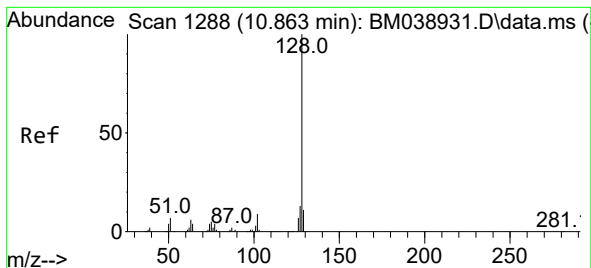
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.199 ng
RT: 10.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

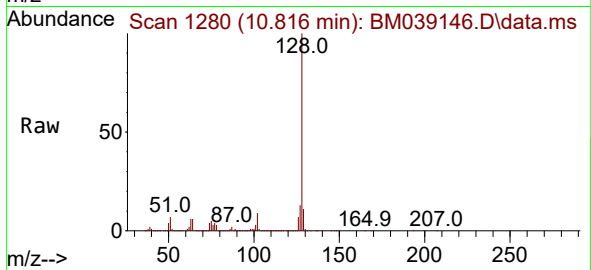
Tgt Ion:180 Resp: 791633
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 29.6 25.0 37.4





#31
Naphthalene
Concen: 44.070 ng
RT: 10.816 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

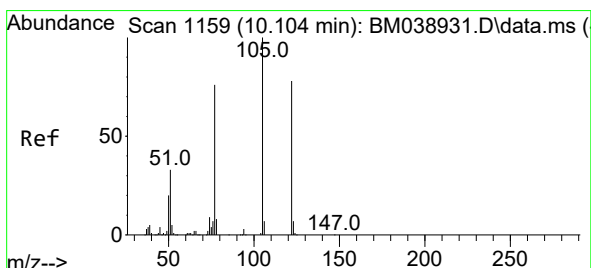
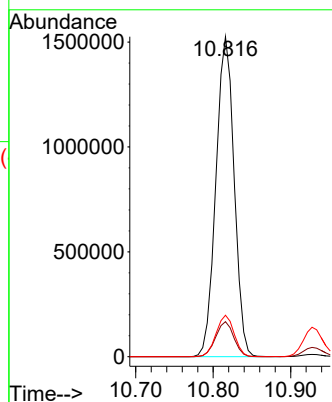
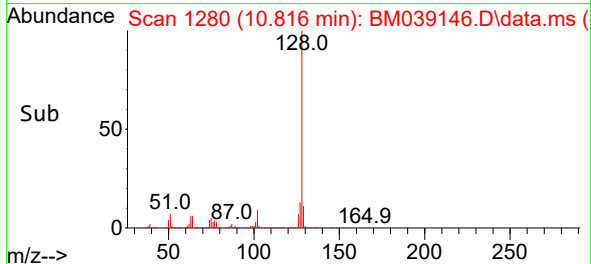
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:128 Resp: 2492274
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.2 15.4

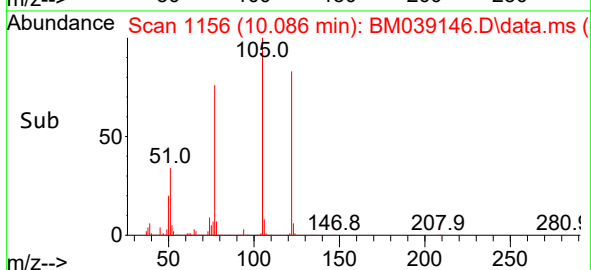
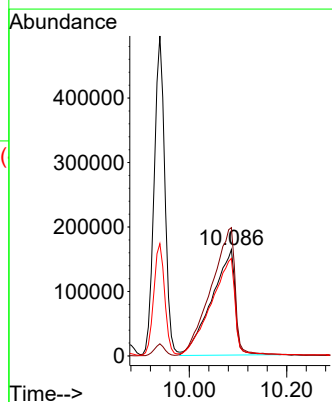
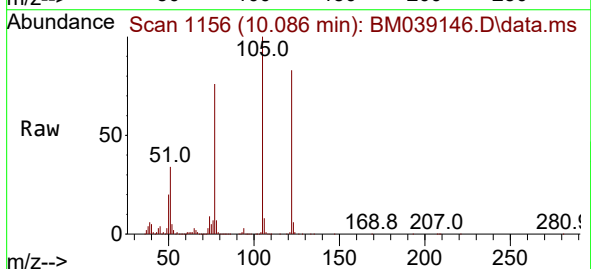
Manual Integrations
APPROVED

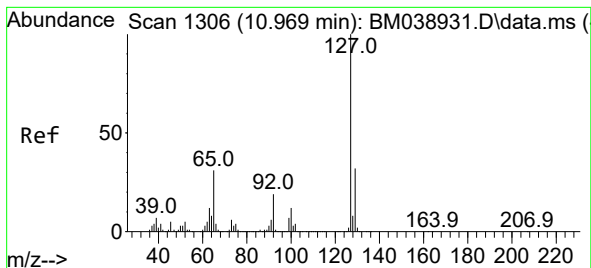
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#32
Benzoic acid
Concen: 46.315 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

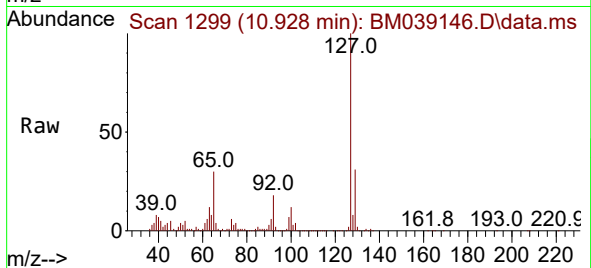
Tgt Ion:122 Resp: 547408
Ion Ratio Lower Upper
122 100
105 120.7 104.2 144.2
77 91.7 75.1 115.1





#33
4-Chloroaniline
Concen: 10.728 ng
RT: 10.928 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

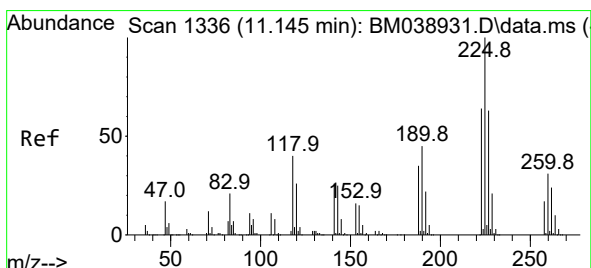
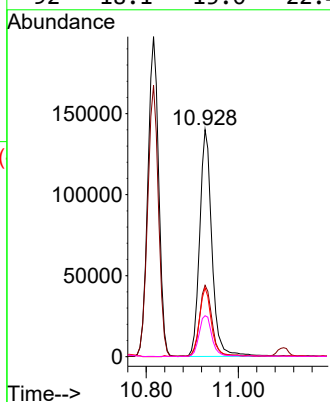
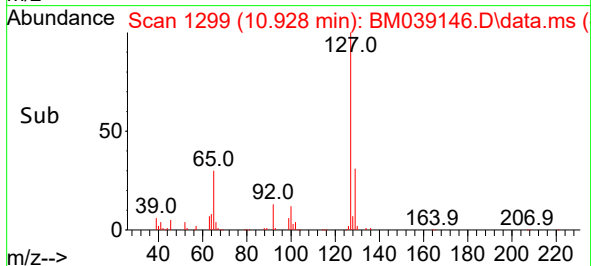
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



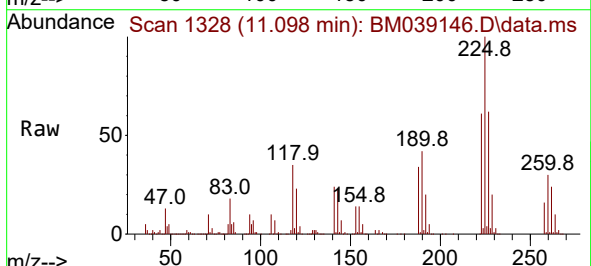
Tgt Ion:127 Resp: 25855
Ion Ratio Lower Upper
127 100
129 31.4 25.4 38.2
65 30.3 24.4 36.6
92 18.1 15.0 22.4

Manual Integrations
APPROVED

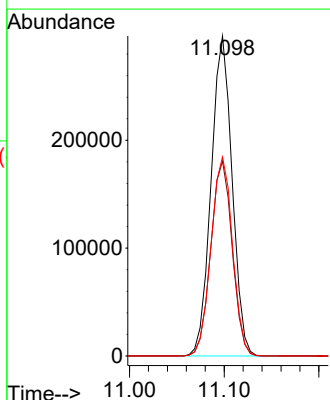
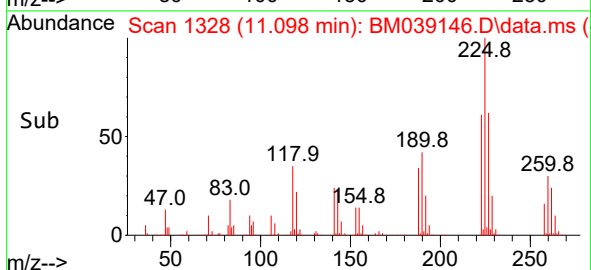
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

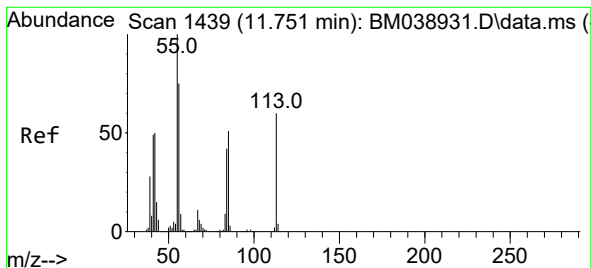


#34
Hexachlorobutadiene
Concen: 47.432 ng
RT: 11.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



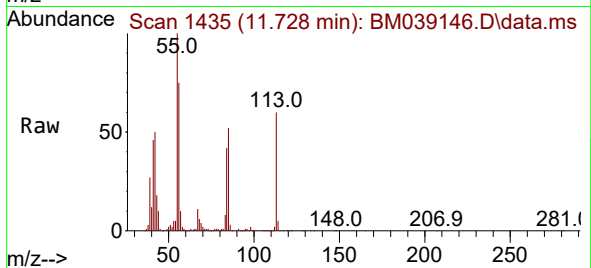
Tgt Ion:225 Resp: 456213
Ion Ratio Lower Upper
225 100
223 60.9 51.3 76.9
227 62.2 50.6 76.0





#35
Caprolactam
Concen: 45.841 ng
RT: 11.728 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

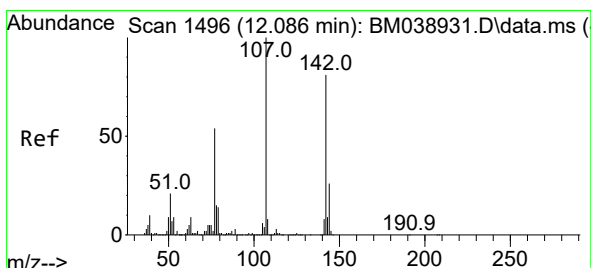
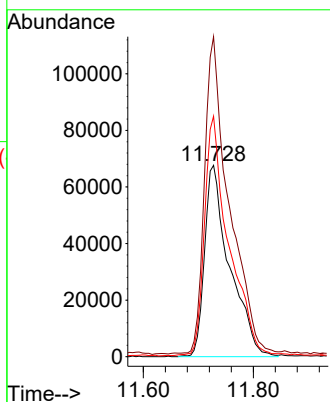
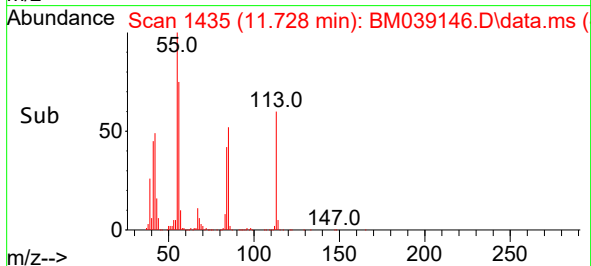
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:113 Resp: 214139
Ion Ratio Lower Upper
113 100
55 167.2 147.0 187.0
56 125.7 105.1 145.1

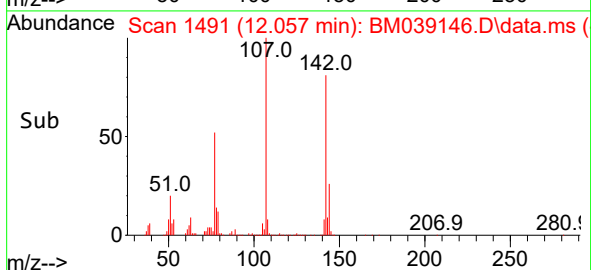
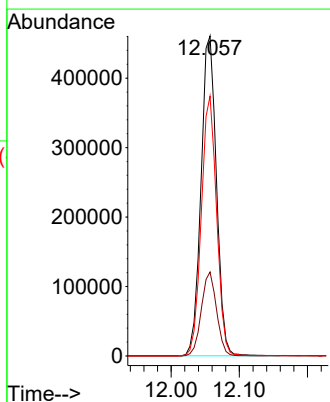
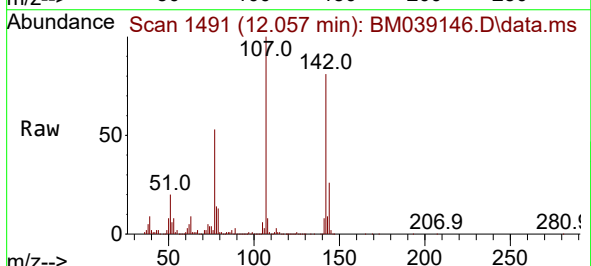
Manual Integrations
APPROVED

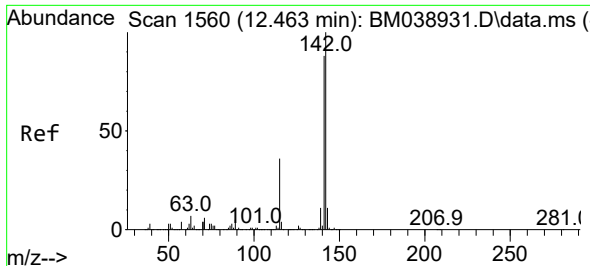
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#36
4-Chloro-3-methylphenol
Concen: 44.338 ng
RT: 12.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

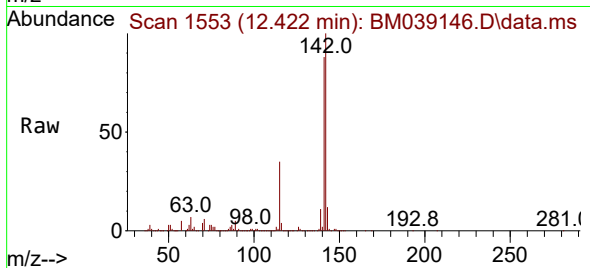
Tgt Ion:107 Resp: 724653
Ion Ratio Lower Upper
107 100
144 26.3 20.7 31.1
142 81.2 64.6 97.0





#37
2-Methylnaphthalene
Concen: 42.367 ng
RT: 12.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

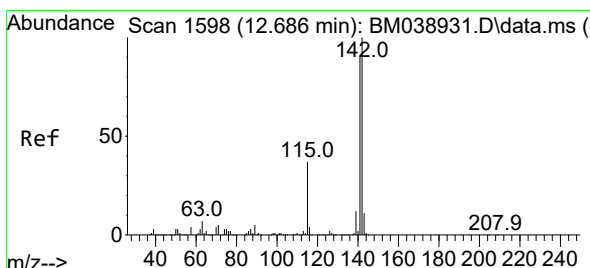
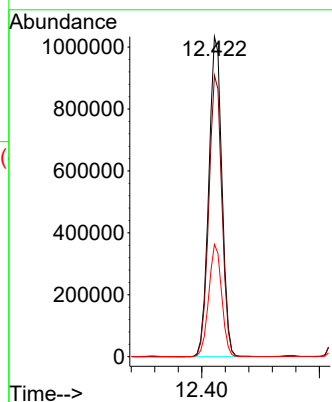
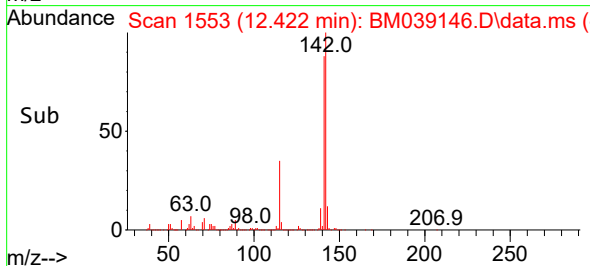
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:142 Resp: 160588
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0
115 35.1 28.5 42.7

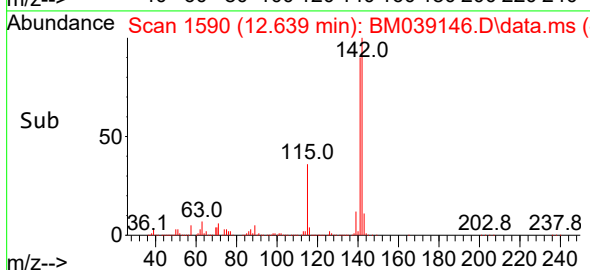
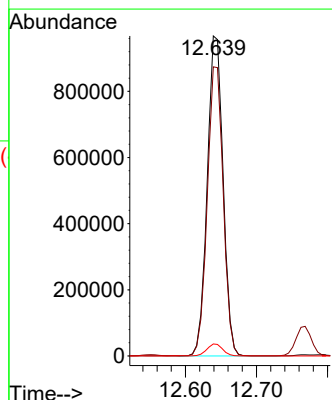
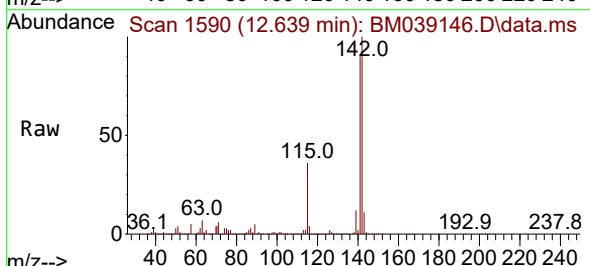
Manual Integrations
APPROVED

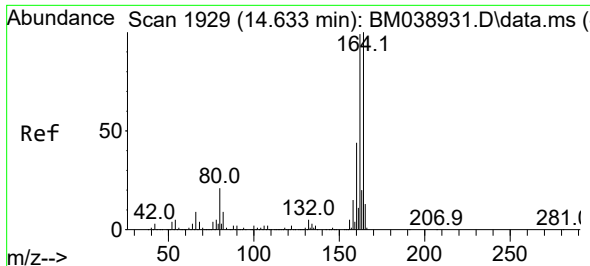
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#38
1-Methylnaphthalene
Concen: 42.241 ng
RT: 12.639 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

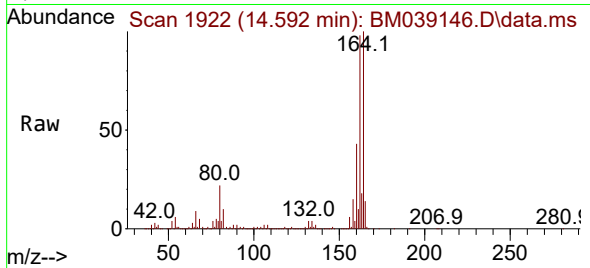
Tgt Ion:142 Resp: 1500433
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

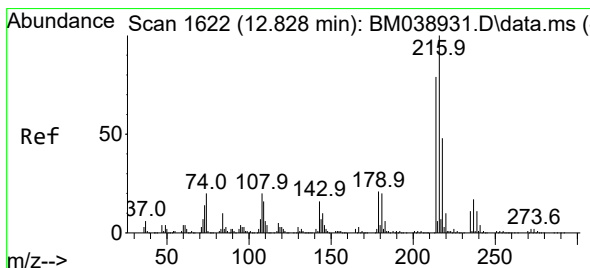
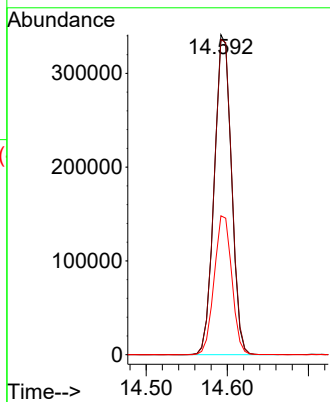
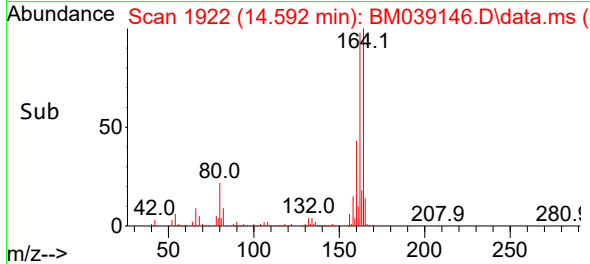
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:164 Resp: 50215
Ion Ratio Lower Upper
164 100
162 98.5 79.2 118.8
160 43.4 35.5 53.3

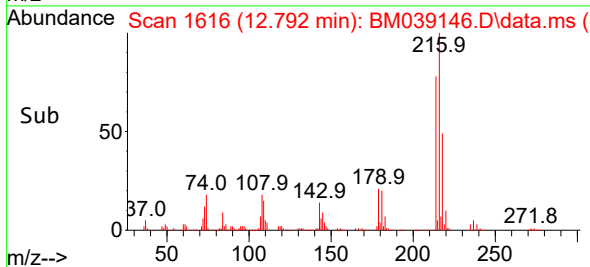
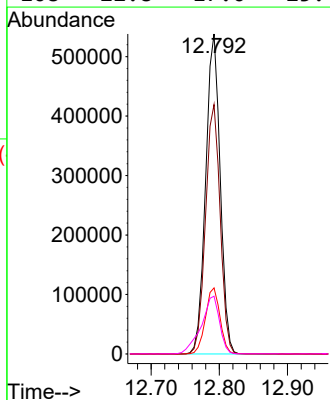
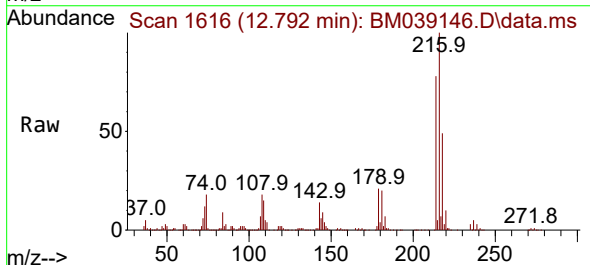
Manual Integrations
APPROVED

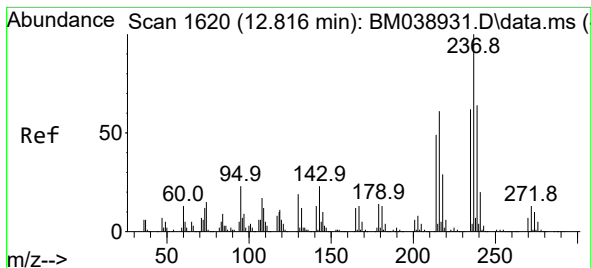
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.854 ng
RT: 12.792 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:216 Resp: 797535
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 20.8 16.8 25.2
108 22.8 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 121.316 ng

RT: 12.769 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion:237 Resp: 1087094

Ion Ratio Lower Upper

237 100

235 62.9 41.7 81.7

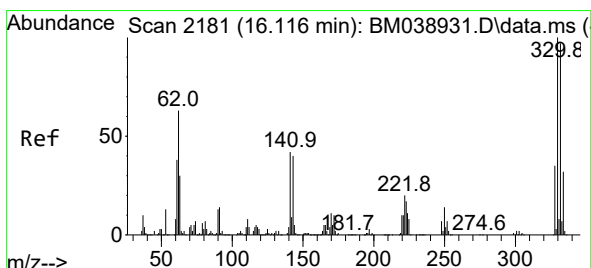
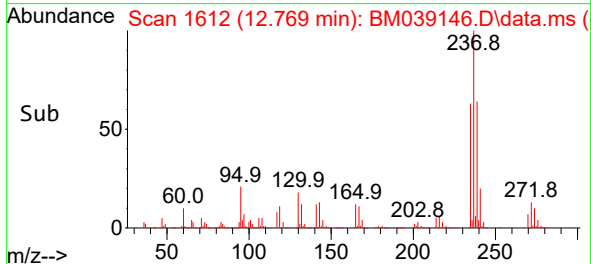
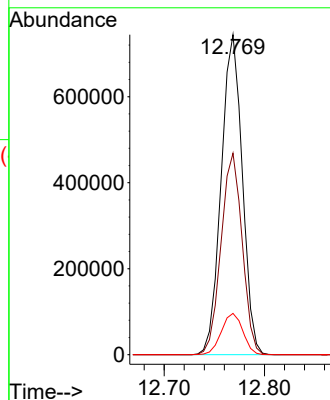
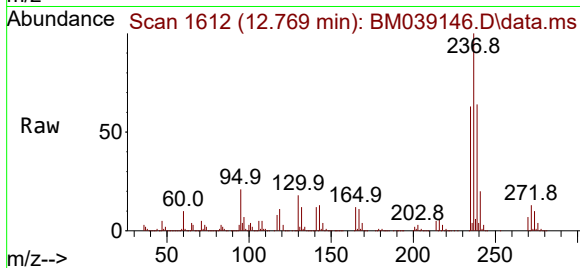
272 12.9 0.0 33.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#42

2,4,6-Tribromophenol

Concen: 66.710 ng

RT: 16.086 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

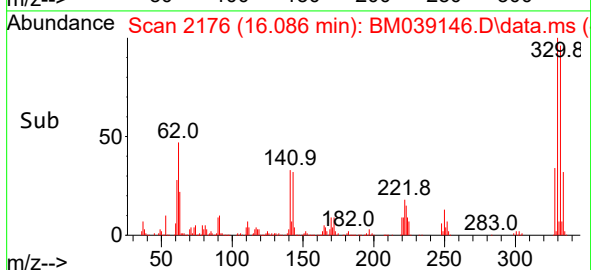
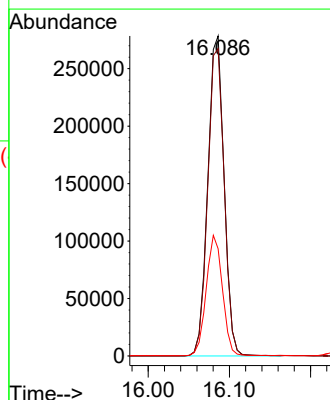
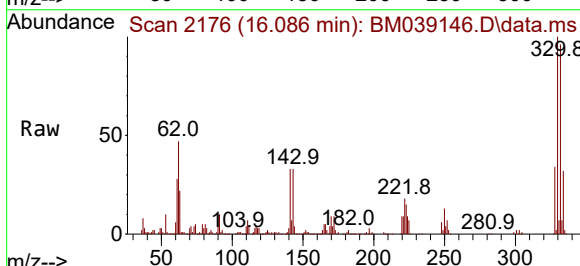
Tgt Ion:330 Resp: 387526

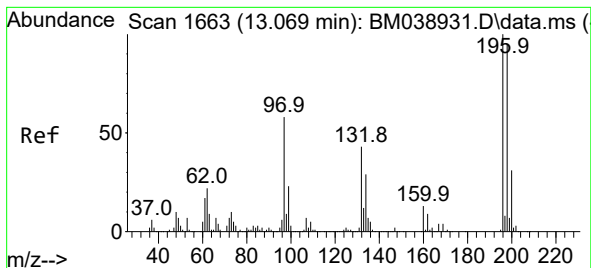
Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

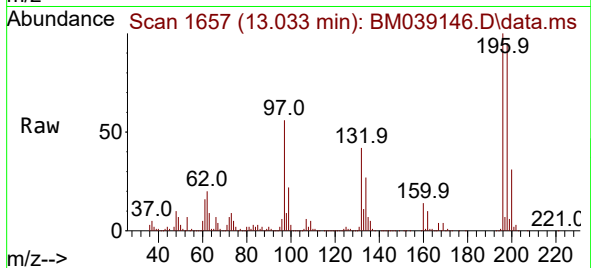
141 37.4 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 49.442 ng
RT: 13.033 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

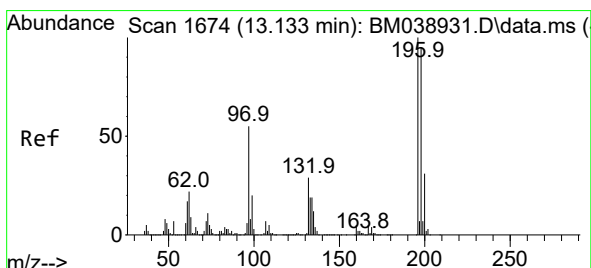
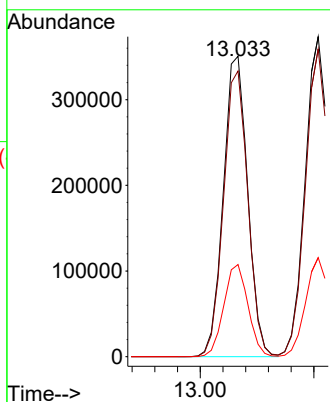
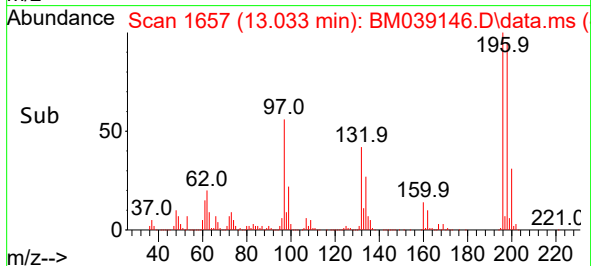
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



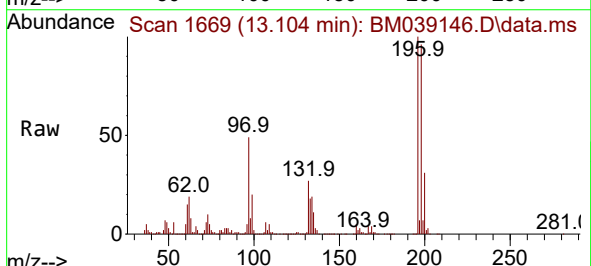
Tgt Ion:196 Resp: 522660
Ion Ratio Lower Upper
196 100
198 95.1 75.8 113.8
200 30.7 25.0 37.4

Manual Integrations
APPROVED

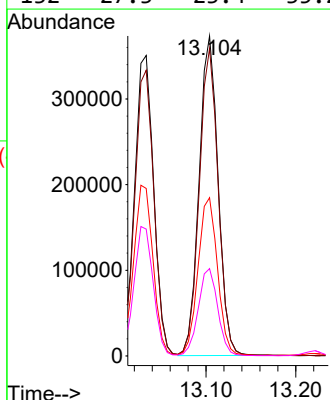
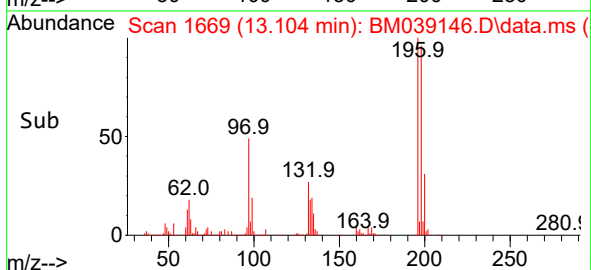
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

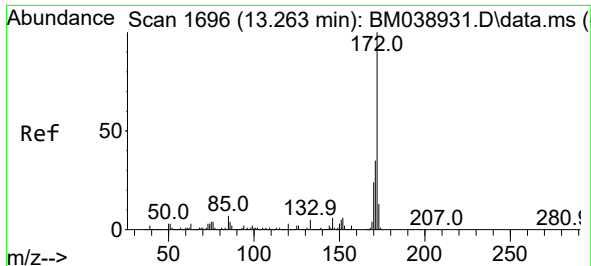


#44
2,4,5-Trichlorophenol
Concen: 44.433 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



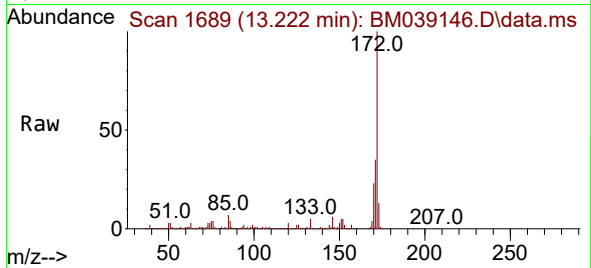
Tgt Ion:196 Resp: 549792
Ion Ratio Lower Upper
196 100
198 96.1 76.3 114.5
97 49.4 44.2 66.4
132 27.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 47.244 ng
RT: 13.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

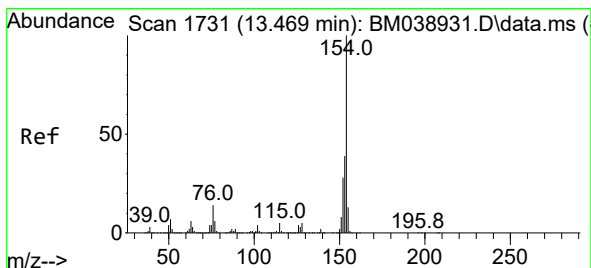
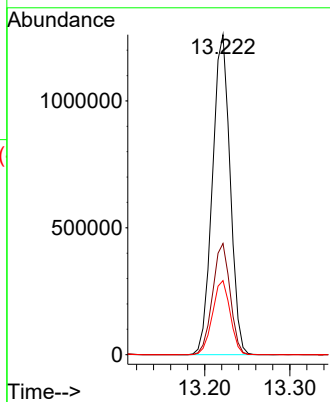
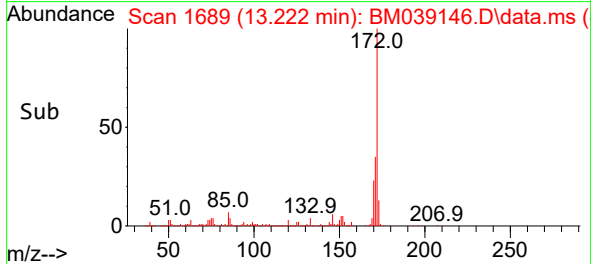
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:172 Resp: 182239
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.1 19.1 28.7

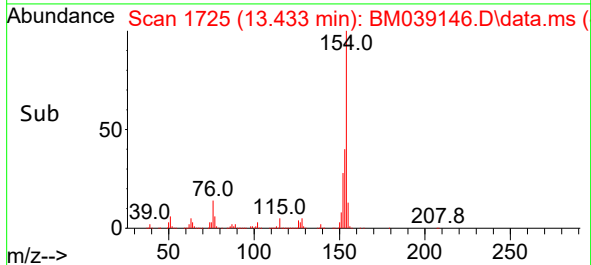
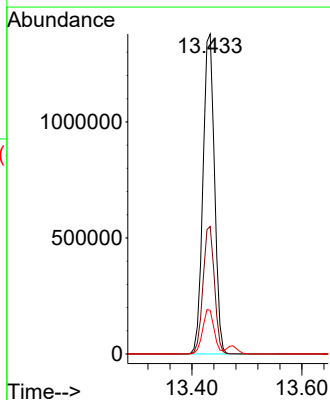
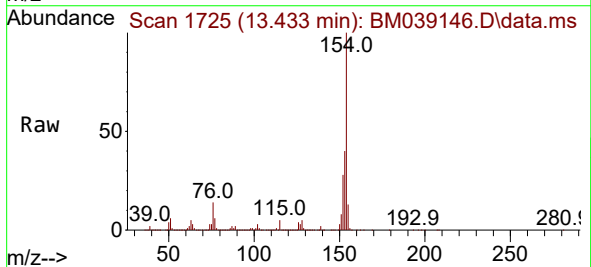
Manual Integrations
APPROVED

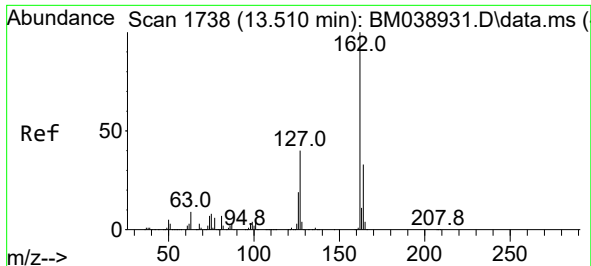
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#46
1,1'-Biphenyl
Concen: 47.032 ng
RT: 13.433 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

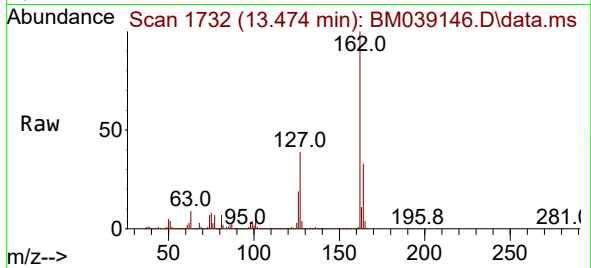
Tgt Ion:154 Resp: 2000820
Ion Ratio Lower Upper
154 100
153 39.9 19.3 59.3
76 13.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.354 ng
RT: 13.474 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

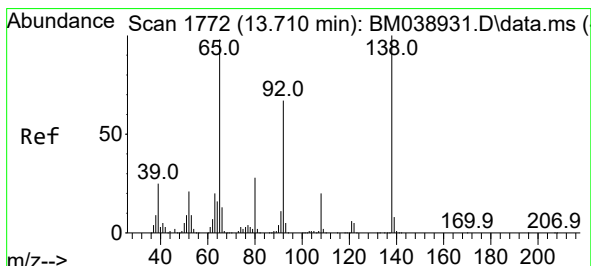
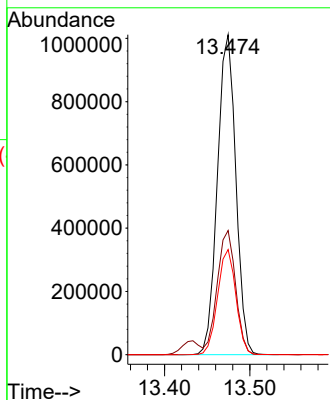
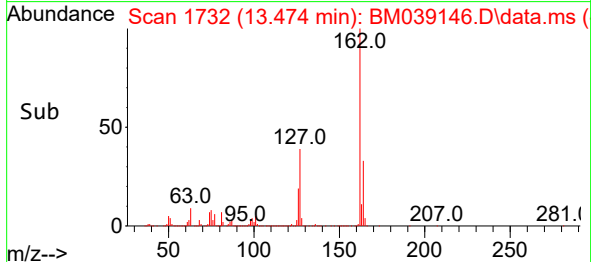
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



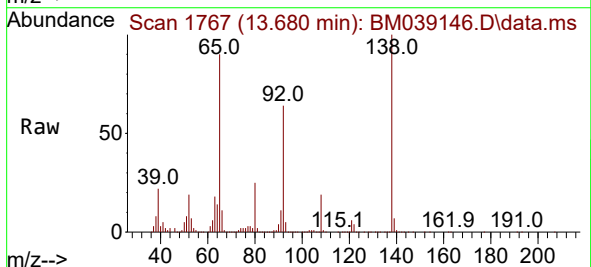
Tgt Ion:162 Resp: 1519070
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 32.9 26.2 39.4

Manual Integrations
APPROVED

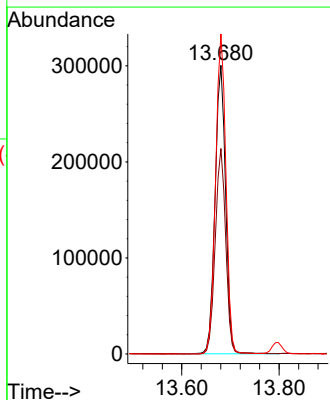
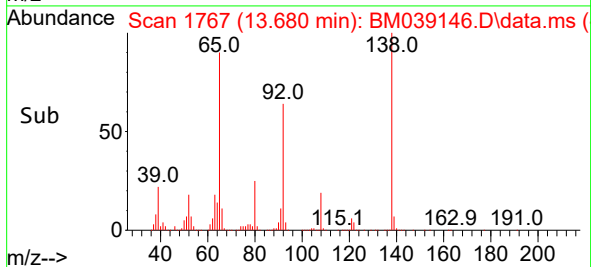
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

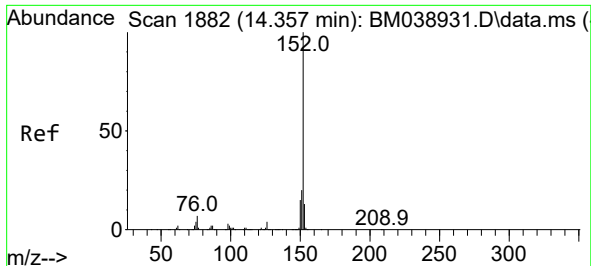


#48
2-Nitroaniline
Concen: 44.029 ng
RT: 13.680 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



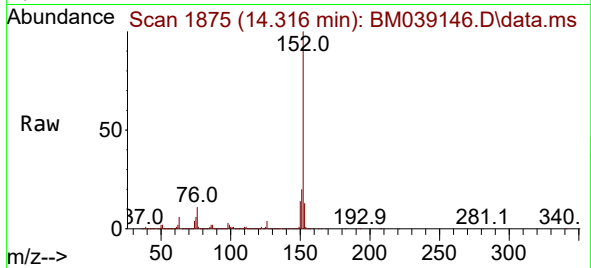
Tgt Ion: 65 Resp: 450246
Ion Ratio Lower Upper
65 100
92 71.2 54.9 82.3
138 110.8 81.6 122.4





#49
Acenaphthylene
Concen: 45.163 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

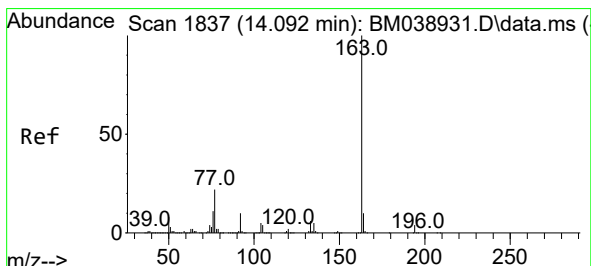
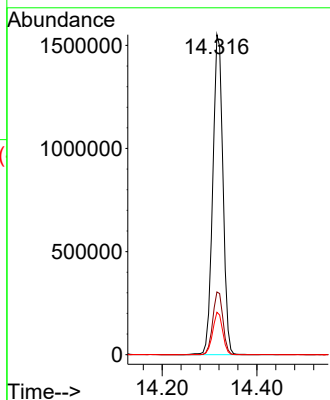
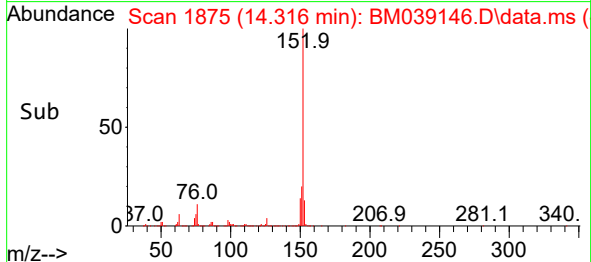
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



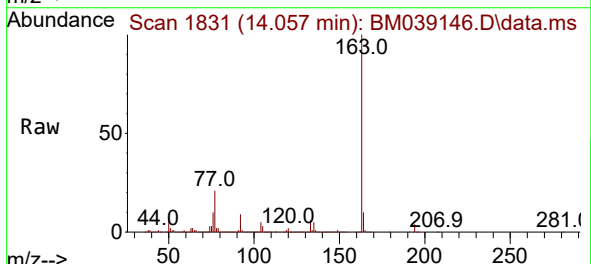
Tgt Ion:152 Resp: 2307730
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.4 15.6

Manual Integrations
APPROVED

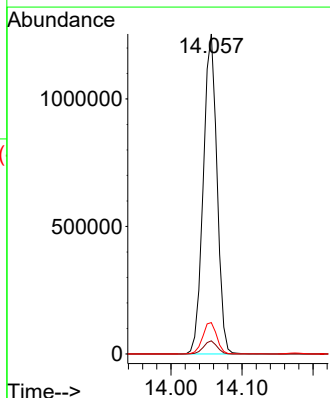
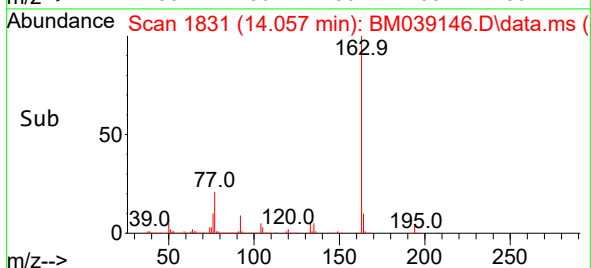
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

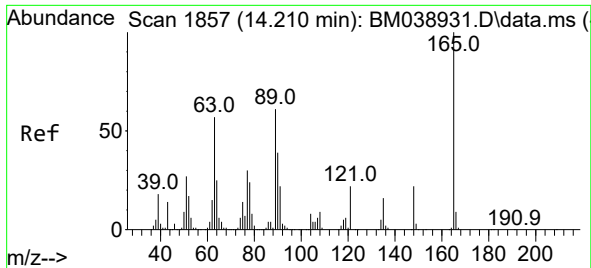


#50
Dimethylphthalate
Concen: 43.690 ng
RT: 14.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



Tgt Ion:163 Resp: 1688202
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 8.1 12.1





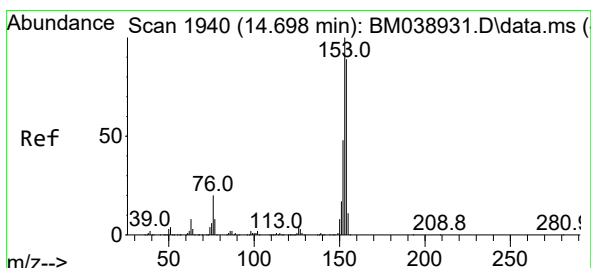
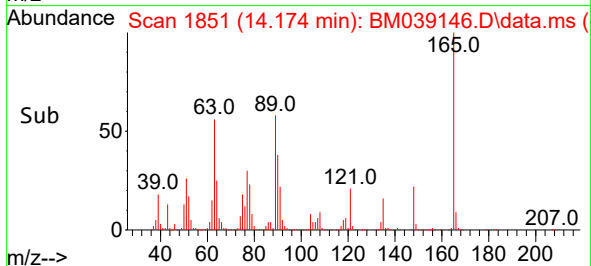
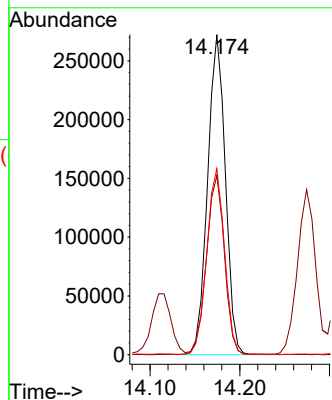
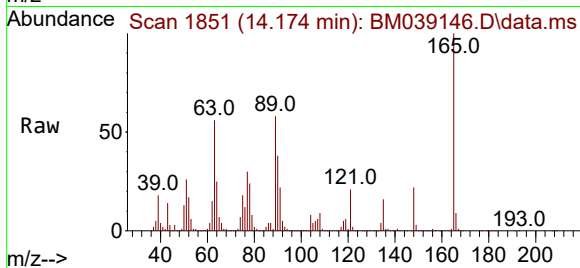
#51
2,6-Dinitrotoluene
Concen: 43.831 ng
RT: 14.174 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Instrument :
BNA_M
ClientSampleId :
R-PITMSD

Tgt Ion:165 Resp: 37346
Ion Ratio Lower Upper
165 100
63 56.0 46.6 70.0
89 58.1 48.6 73.0

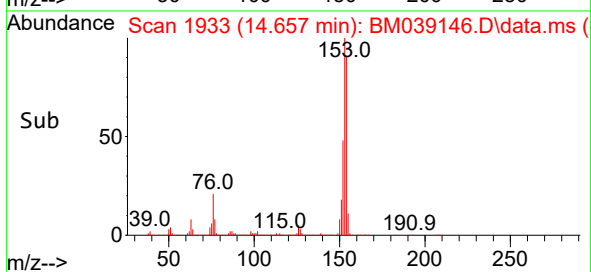
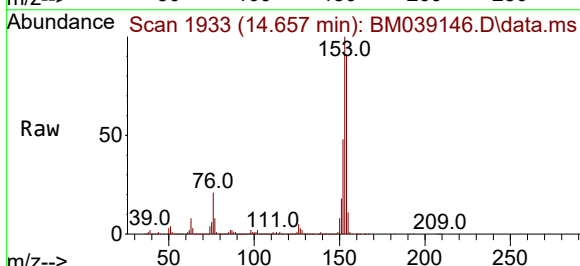
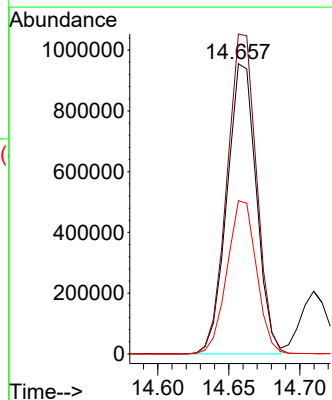
Manual Integrations
APPROVED

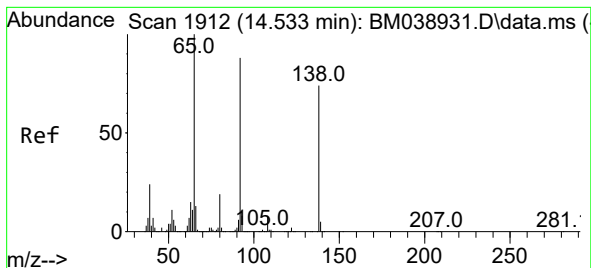
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#52
Acenaphthene
Concen: 43.902 ng
RT: 14.657 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

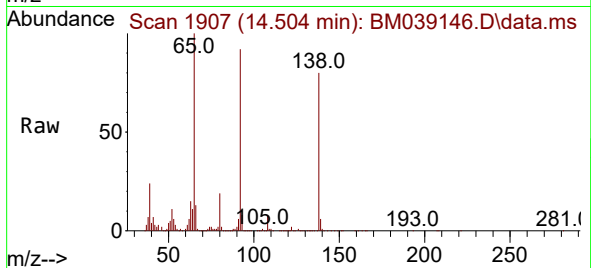
Tgt Ion:154 Resp: 1378645
Ion Ratio Lower Upper
154 100
153 110.3 90.2 135.2
152 52.8 43.4 65.2





#53
3-Nitroaniline
Concen: 24.724 ng
RT: 14.504 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

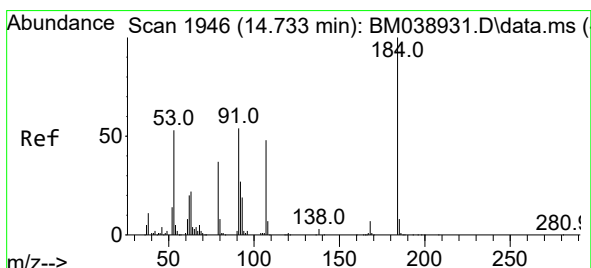
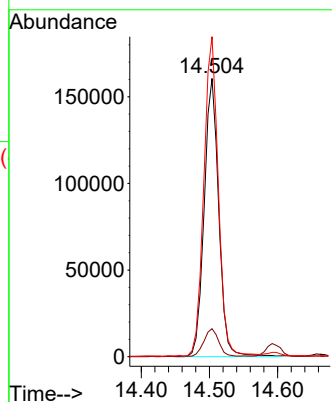
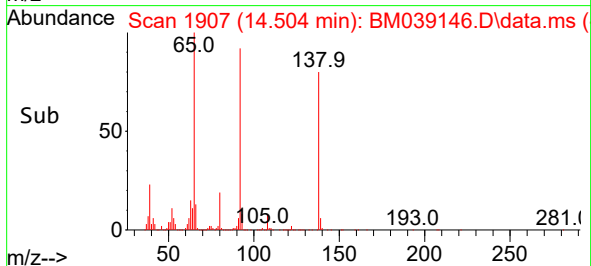
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:138 Resp: 239019
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 115.0 95.8 143.8

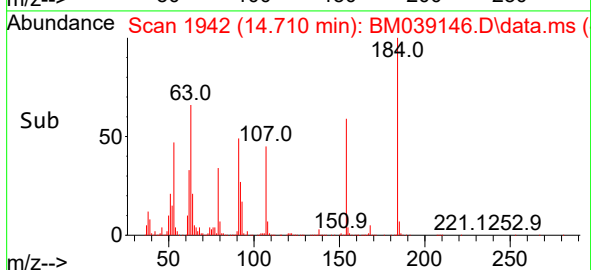
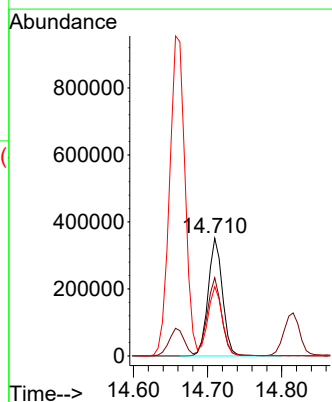
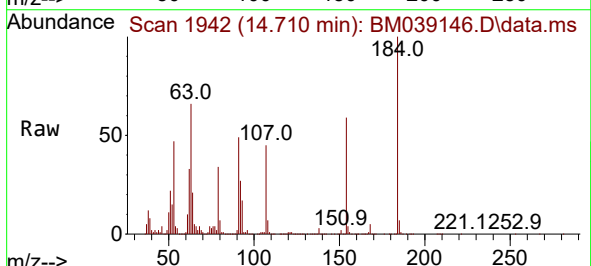
Manual Integrations
APPROVED

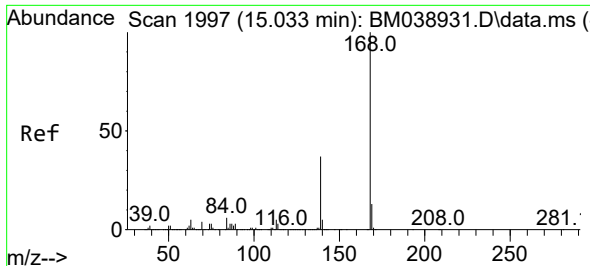
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#54
2,4-Dinitrophenol
Concen: 95.474 ng
RT: 14.710 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

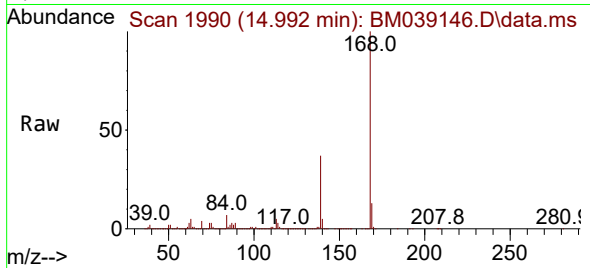
Tgt Ion:184 Resp: 474217
Ion Ratio Lower Upper
184 100
63 66.5 60.6 90.8
154 58.8 51.4 77.2





#55
Dibenzenofuran
Concen: 43.291 ng
RT: 14.992 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

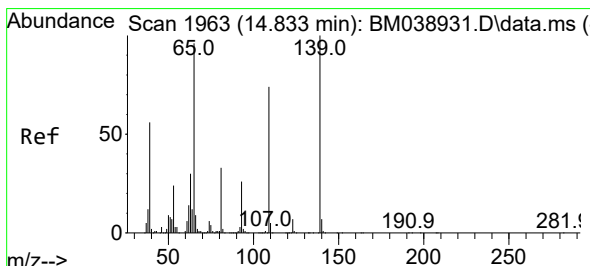
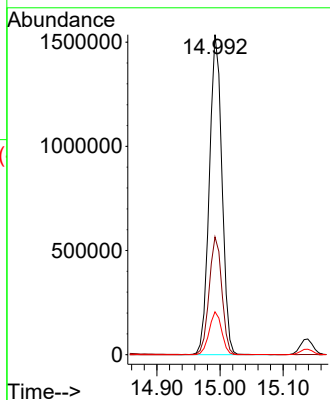
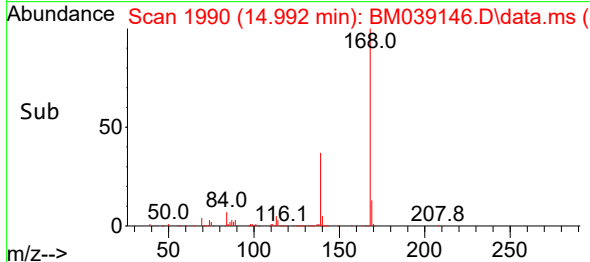
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:168 Resp: 2127334
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9
169 13.4 10.7 16.1

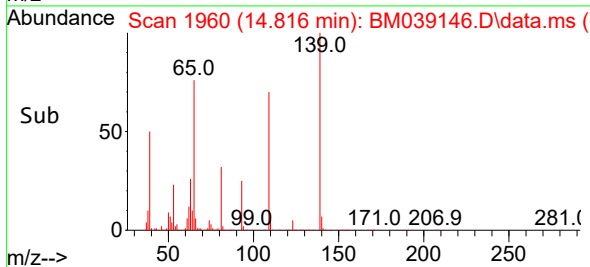
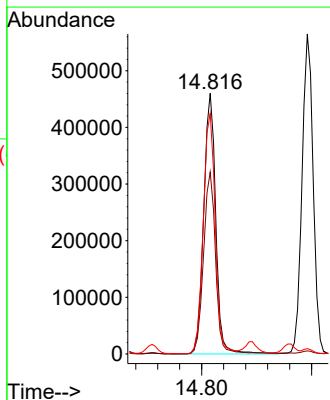
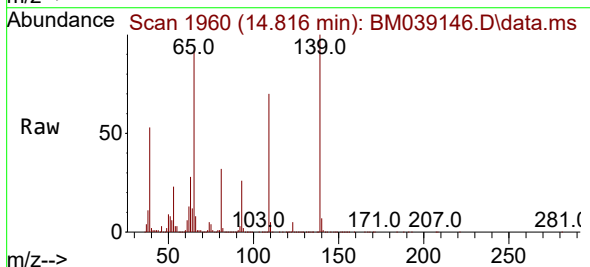
Manual Integrations
APPROVED

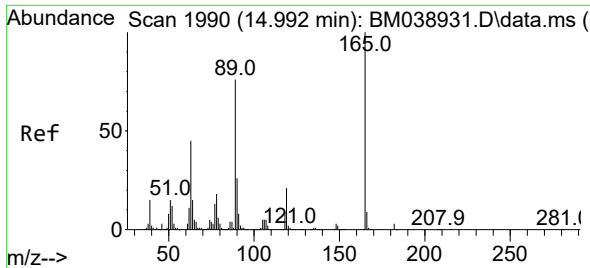
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#56
4-Nitrophenol
Concen: 91.030 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

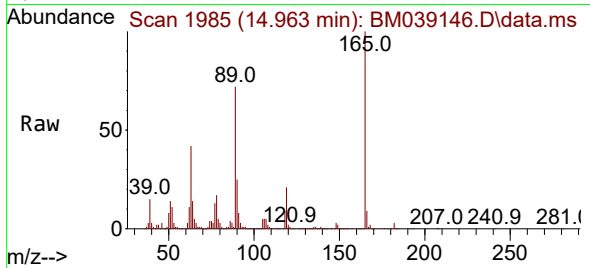
Tgt Ion:139 Resp: 698572
Ion Ratio Lower Upper
139 100
109 69.8 53.5 93.5
65 92.3 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 43.829 ng
RT: 14.963 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

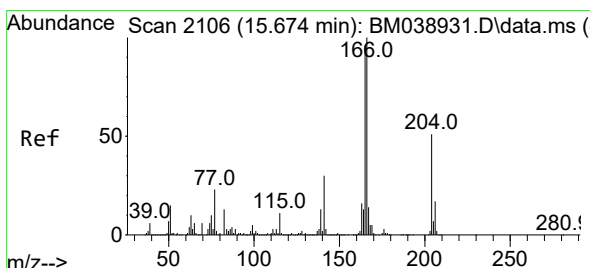
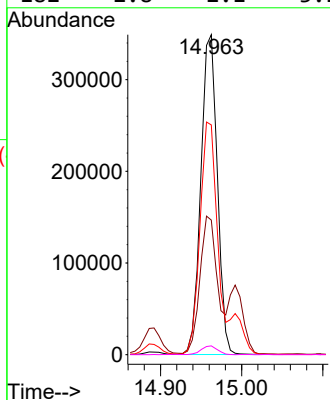
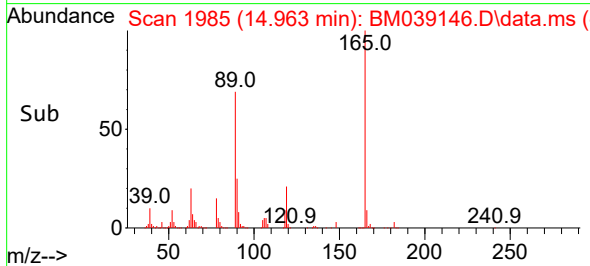
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:165 Resp: 490784
Ion Ratio Lower Upper
165 100
63 42.1 35.9 53.9
89 71.8 61.0 91.6
182 2.8 2.1 3.1

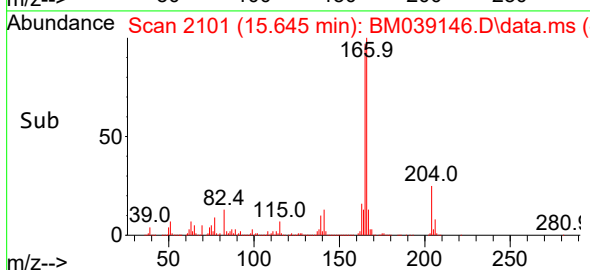
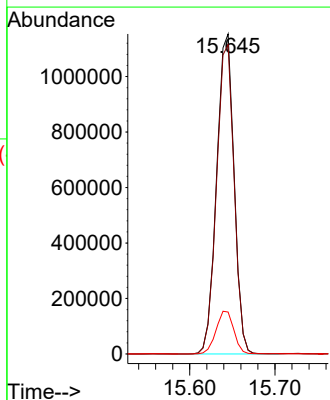
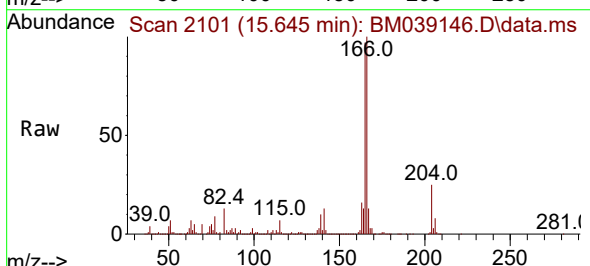
Manual Integrations
APPROVED

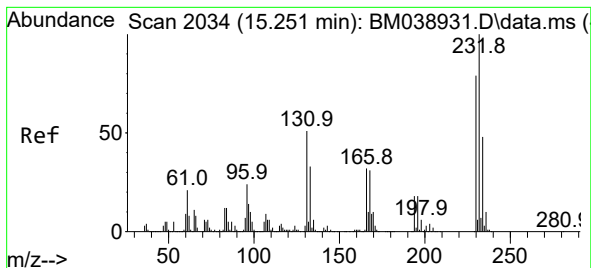
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#58
Fluorene
Concen: 42.583 ng
RT: 15.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

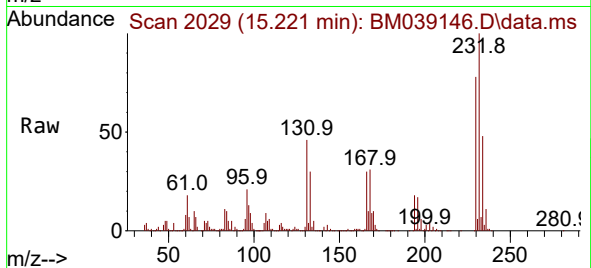
Tgt Ion:166 Resp: 1639169
Ion Ratio Lower Upper
166 100
165 96.6 77.1 115.7
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.740 ng
RT: 15.221 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

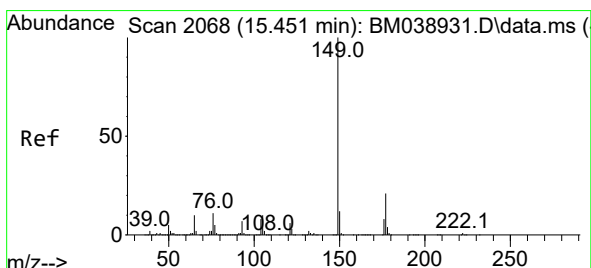
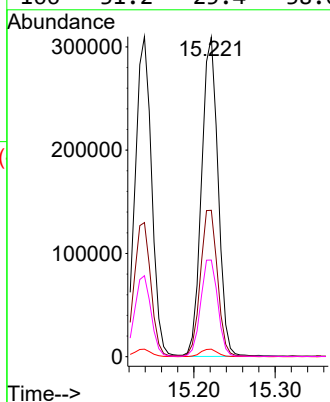
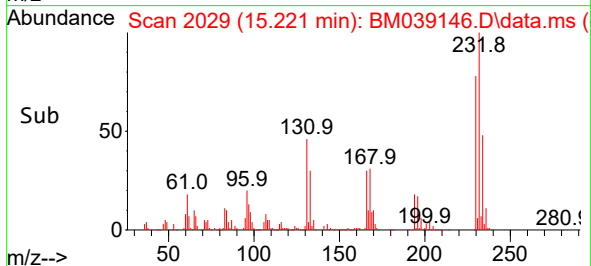
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



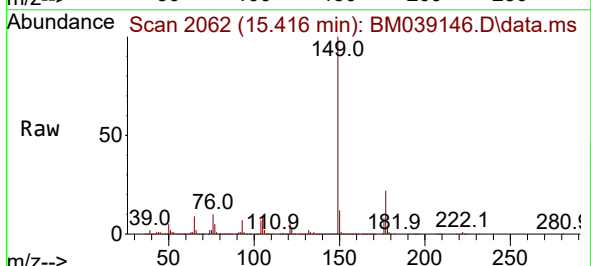
Tgt Ion:232 Resp: 43648
Ion Ratio Lower Upper
232 100
131 47.3 40.0 60.0
130 2.5 2.0 3.0
166 31.2 25.4 38.0

Manual Integrations
APPROVED

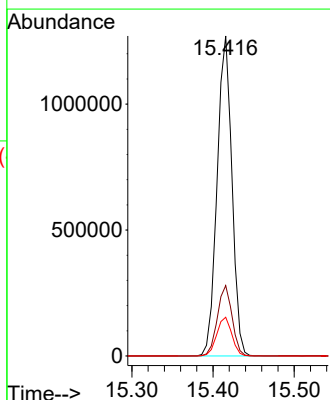
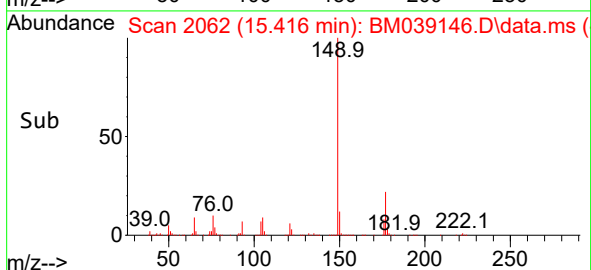
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

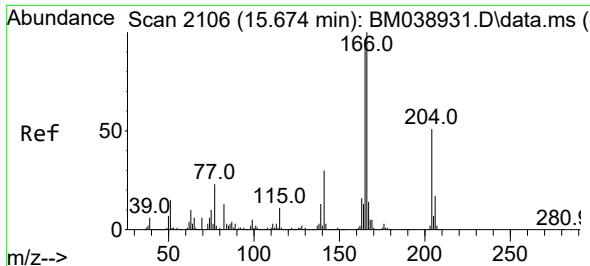


#60
Diethylphthalate
Concen: 42.884 ng
RT: 15.416 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



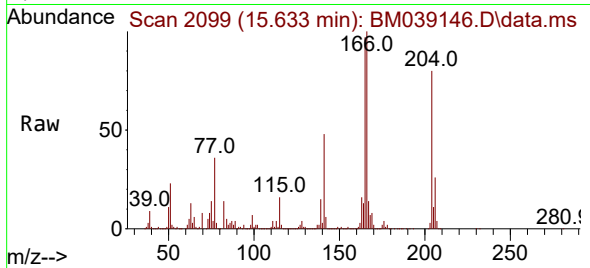
Tgt Ion:149 Resp: 1612316
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.1 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.272 ng
RT: 15.633 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

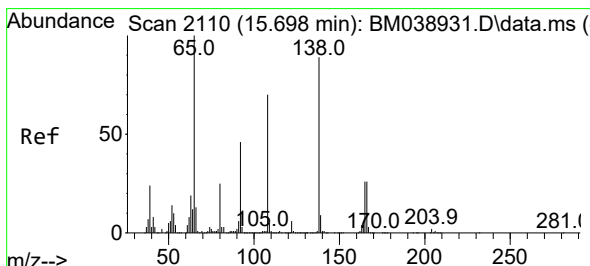
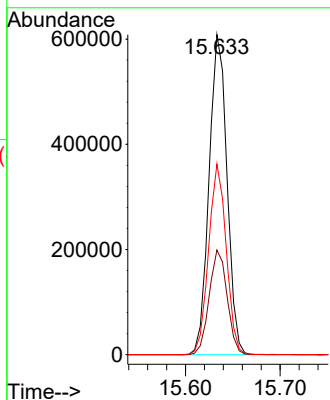
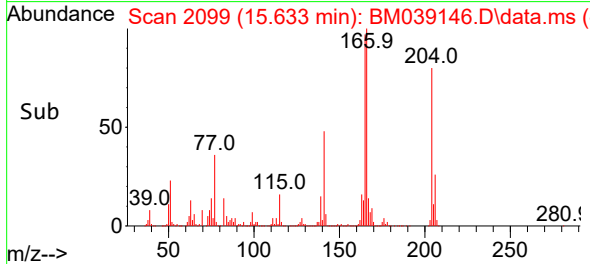
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



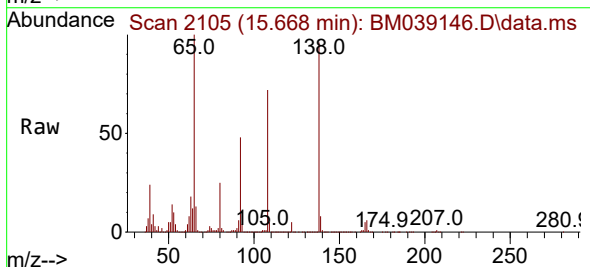
Tgt Ion:204 Resp: 799380
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 59.6 46.4 69.6

Manual Integrations
APPROVED

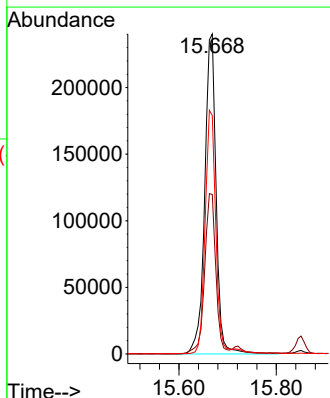
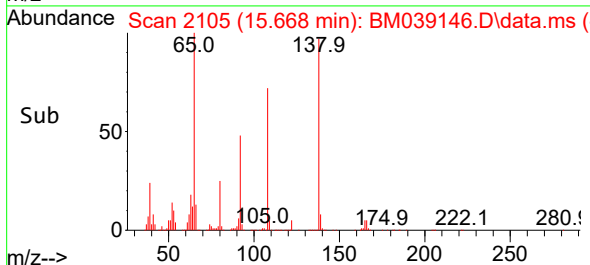
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

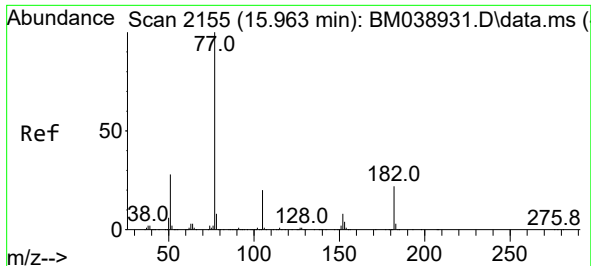


#62
4-Nitroaniline
Concen: 38.800 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



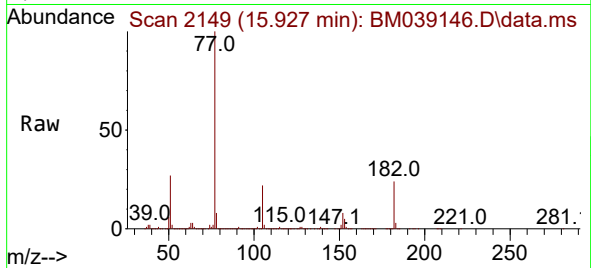
Tgt Ion:138 Resp: 390988
Ion Ratio Lower Upper
138 100
92 49.9 31.6 71.6
108 74.5 58.6 98.6





#63
Azobenzene
Concen: 43.495 ng
RT: 15.927 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

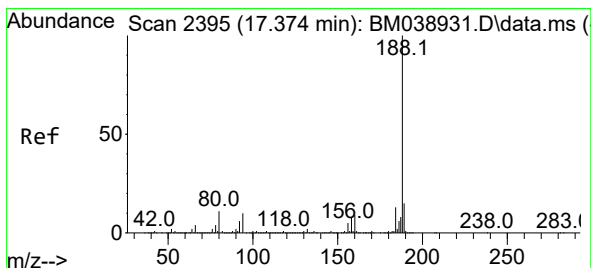
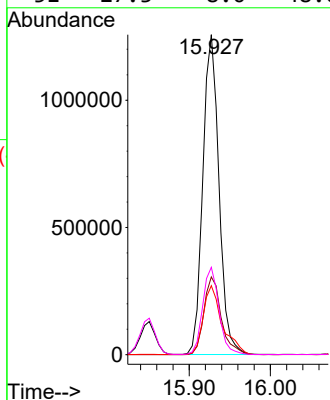
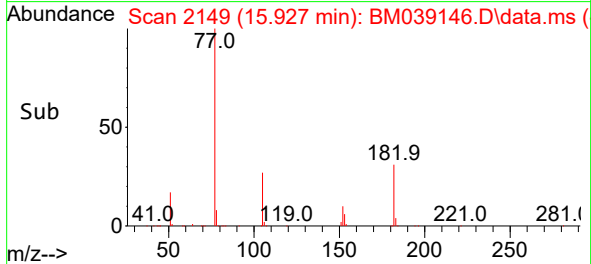
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion: 77 Resp: 1730344
Ion Ratio Lower Upper
77 100
182 24.3 2.0 42.0
105 21.5 0.4 40.4
51 27.3 8.0 48.0

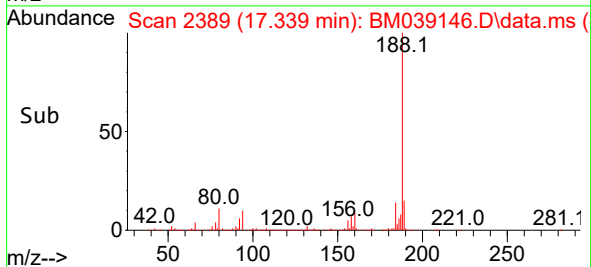
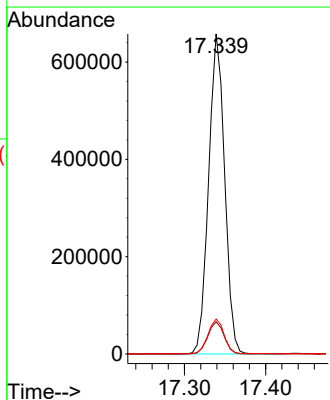
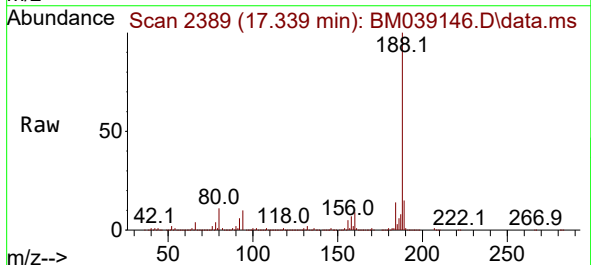
Manual Integrations
APPROVED

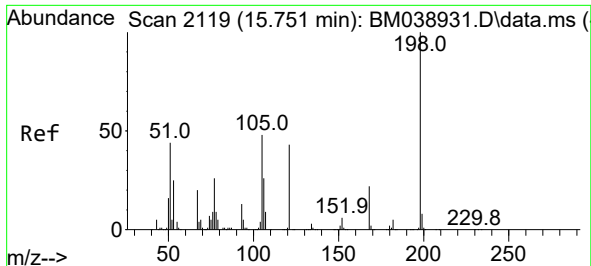
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

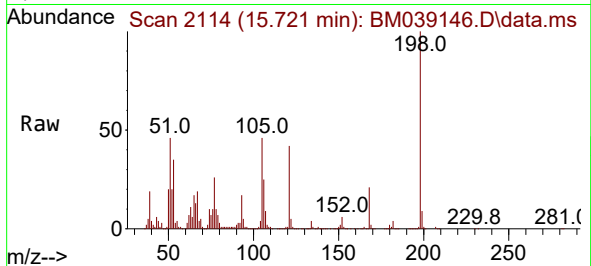
Tgt Ion:188 Resp: 900734
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.9 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 46.810 ng
RT: 15.721 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

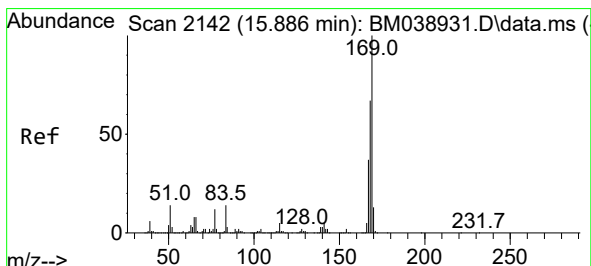
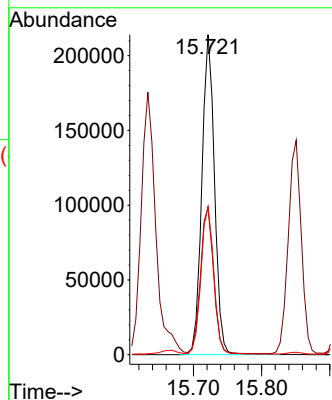
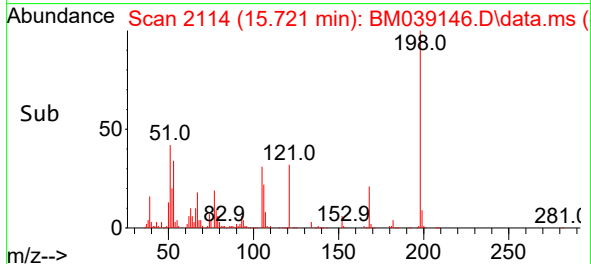
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:198 Resp: 276250
Ion Ratio Lower Upper
198 100
51 45.9 30.1 70.1
105 46.3 29.3 69.3

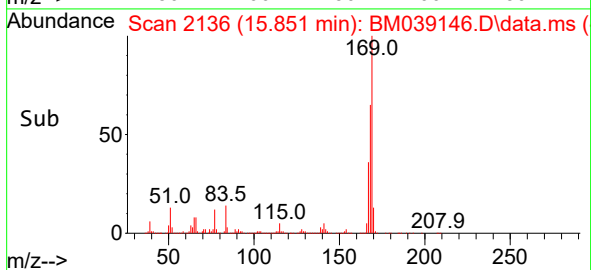
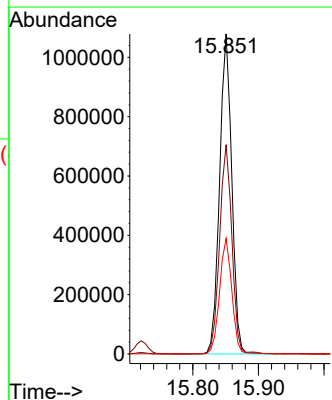
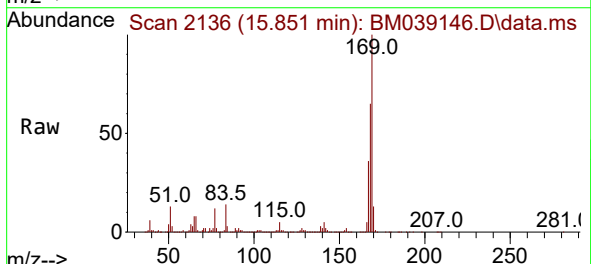
Manual Integrations
APPROVED

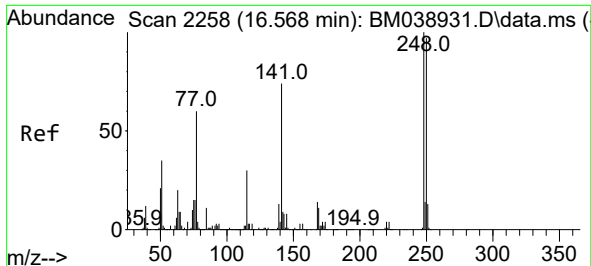
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.545 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

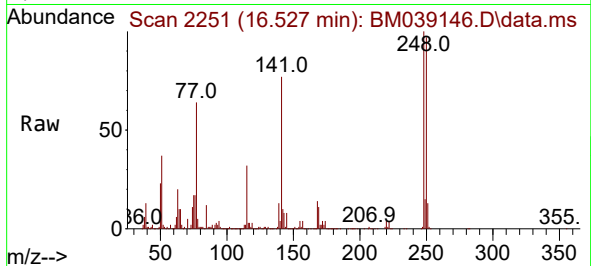
Tgt Ion:169 Resp: 1383011
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 47.419 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

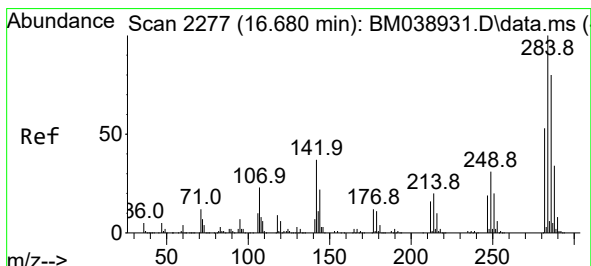
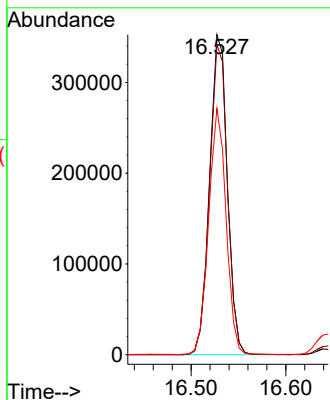
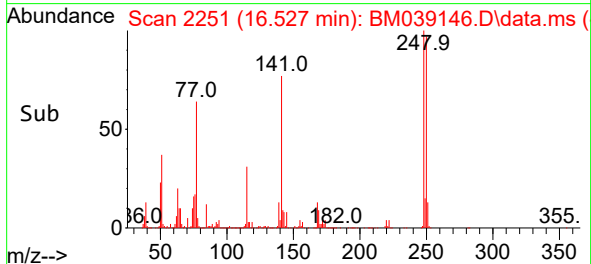
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



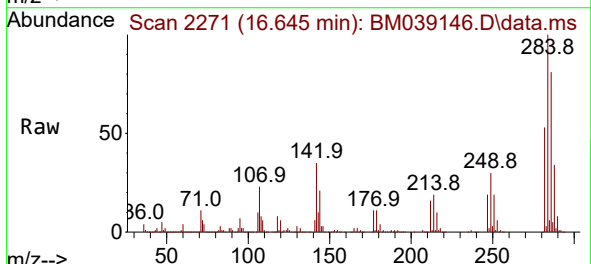
Tgt Ion:248 Resp: 46133
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.8
141 77.0 59.0 88.4

Manual Integrations
APPROVED

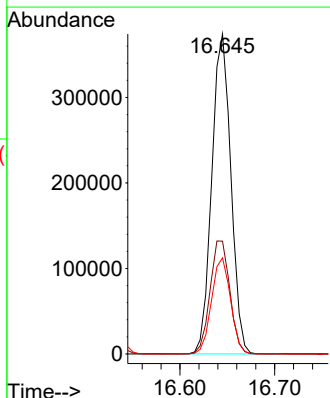
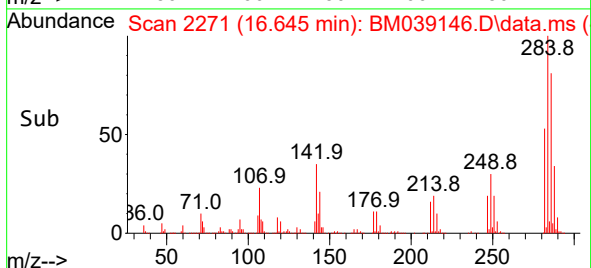
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

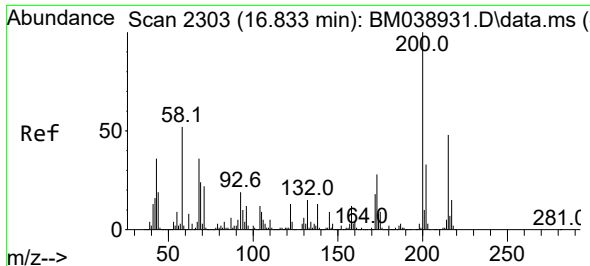


#68
Hexachlorobenzene
Concen: 48.042 ng
RT: 16.645 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



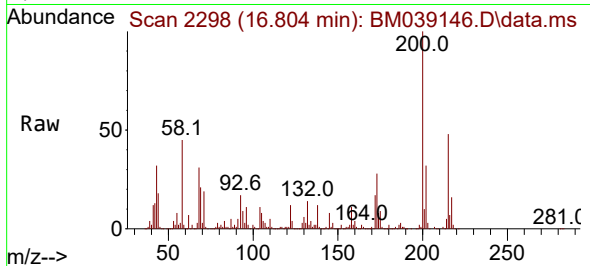
Tgt Ion:284 Resp: 522498
Ion Ratio Lower Upper
284 100
142 35.3 29.5 44.3
249 30.1 25.0 37.4





#69
 Atrazine
 Concen: 51.641 ng
 RT: 16.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51

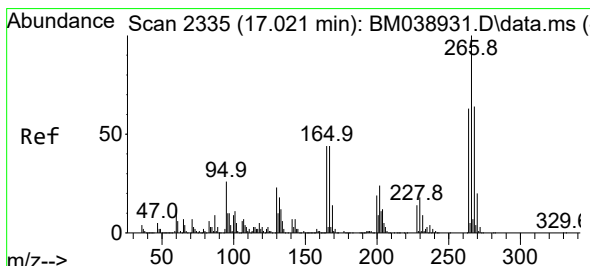
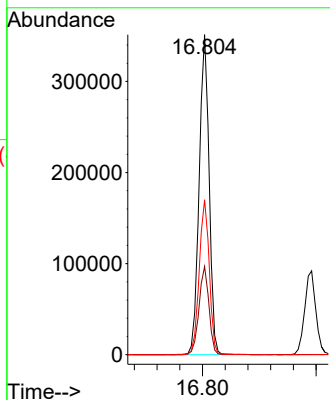
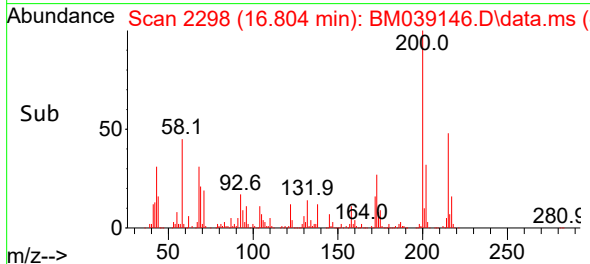
Instrument :
 BNA_M
 ClientSampleId :
 R-PITMSD



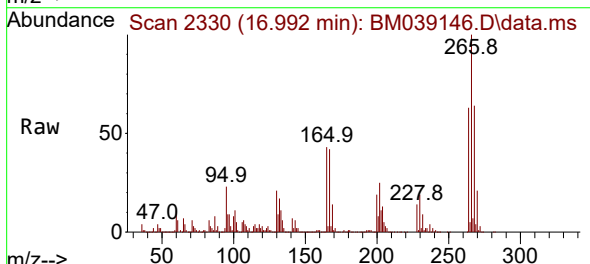
Tgt Ion:200 Resp: 42832
 Ion Ratio Lower Upper
 200 100
 173 27.6 8.2 48.2
 215 48.4 27.8 67.8

Manual Integrations
 APPROVED

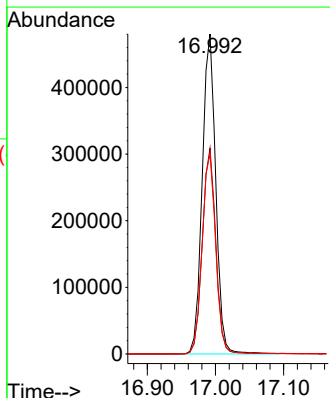
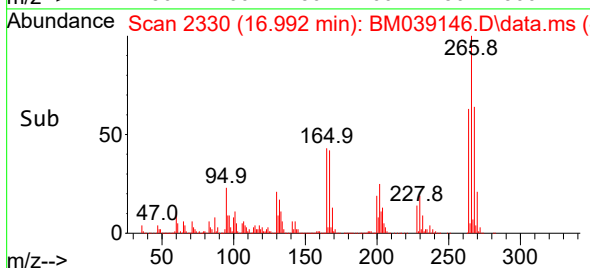
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

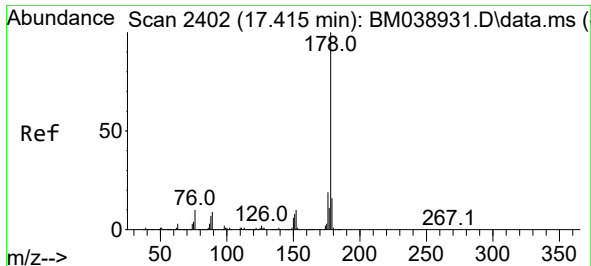


#70
 Pentachlorophenol
 Concen: 82.819 ng
 RT: 16.992 min Scan# 2330
 Delta R.T. 0.000 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51



Tgt Ion:266 Resp: 662489
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.0 76.4
 264 62.5 50.3 75.5





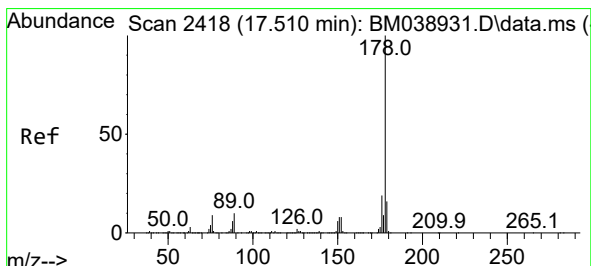
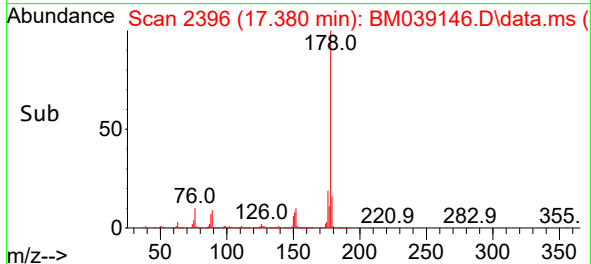
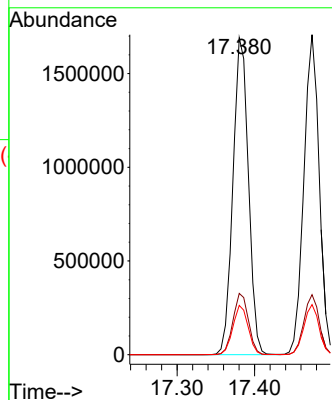
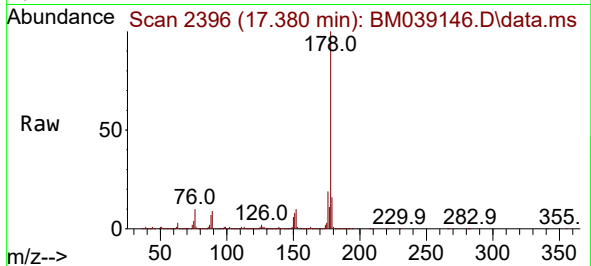
#71
Phenanthrene
Concen: 44.541 ng
RT: 17.380 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Instrument :
BNA_M
ClientSampleId :
R-PITMSD

Tgt Ion:178 Resp: 235462
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.5 18.7

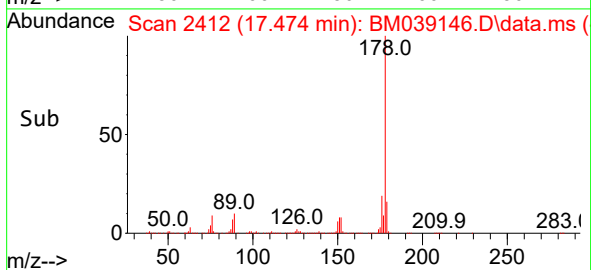
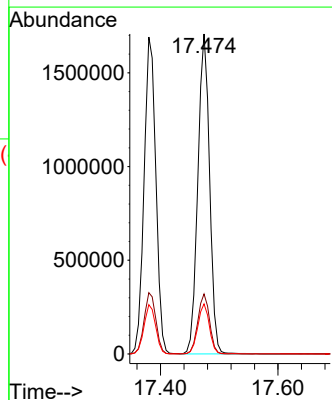
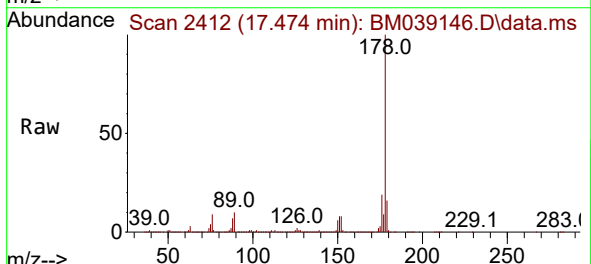
Manual Integrations
APPROVED

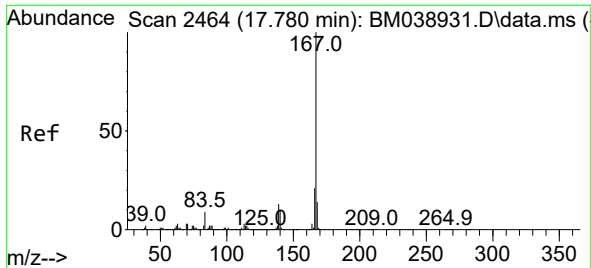
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#72
Anthracene
Concen: 44.771 ng
RT: 17.474 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

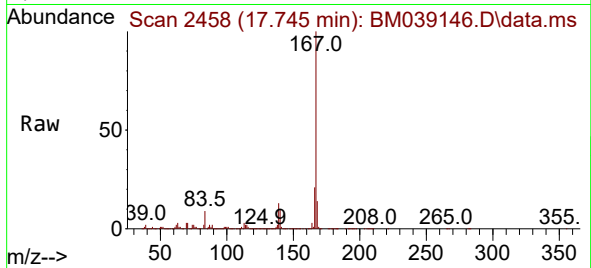
Tgt Ion:178 Resp: 2360286
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.7 12.5 18.7





#73
Carbazole
Concen: 44.522 ng
RT: 17.745 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

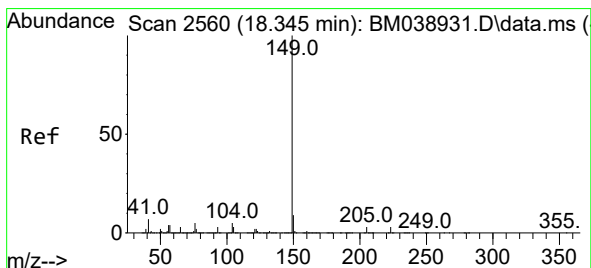
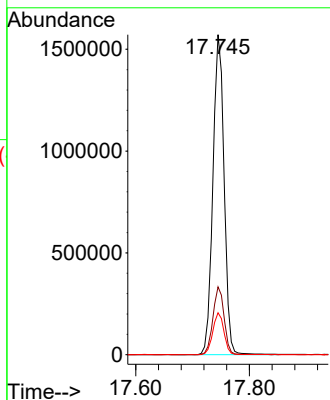
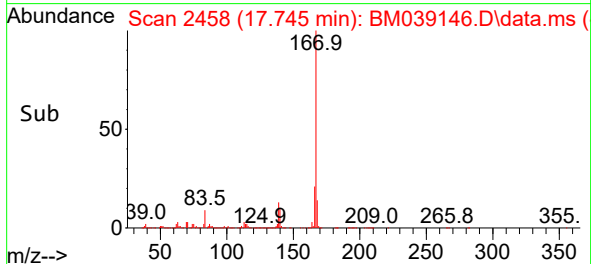
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:167 Resp: 2142178
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 13.1 10.3 15.5

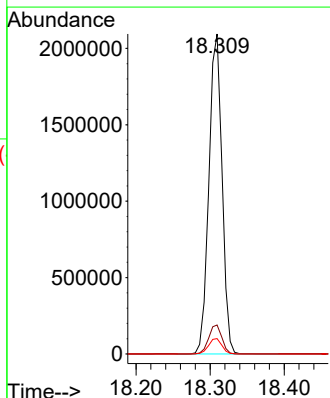
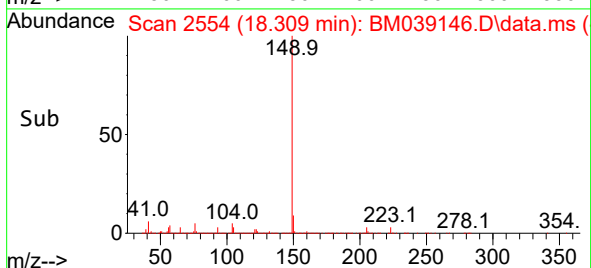
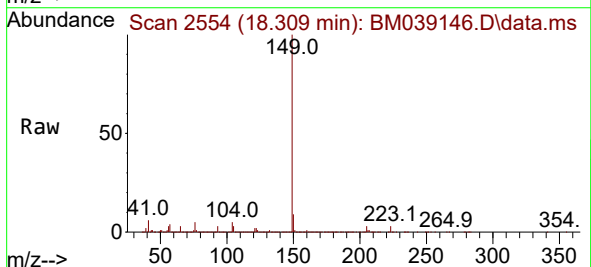
Manual Integrations
APPROVED

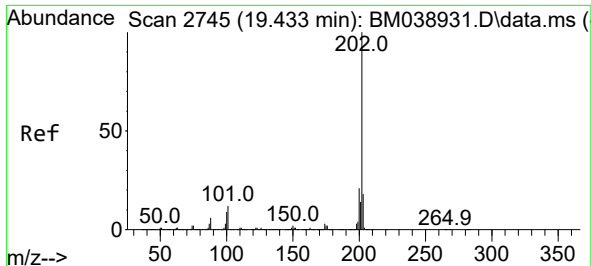
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#74
Di-n-butylphthalate
Concen: 43.959 ng
RT: 18.309 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

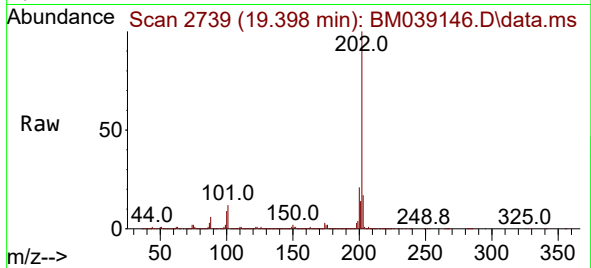
Tgt Ion:149 Resp: 2570491
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 44.001 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

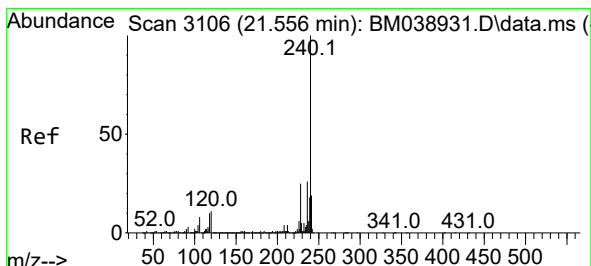
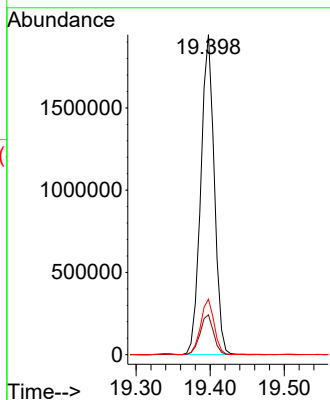
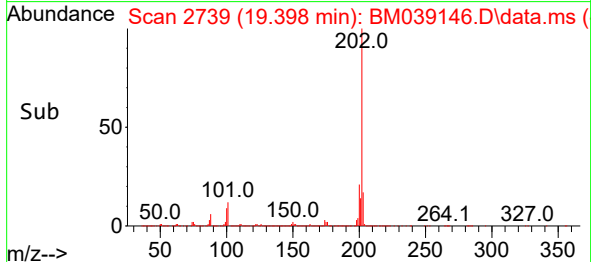
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:202 Resp: 2455998
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.3 0.0 37.6

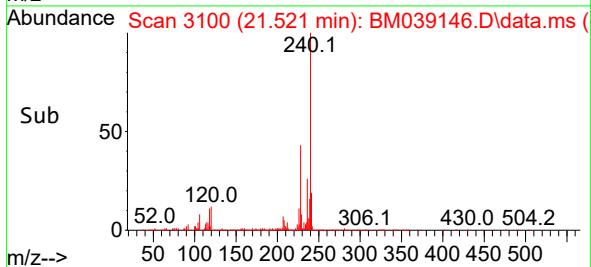
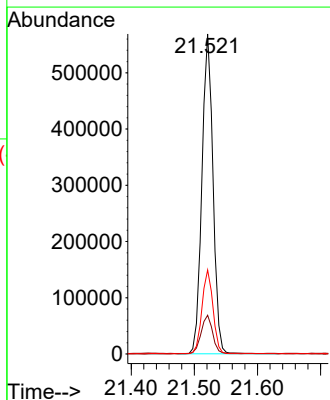
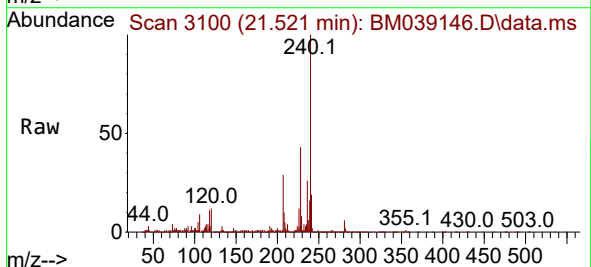
Manual Integrations
APPROVED

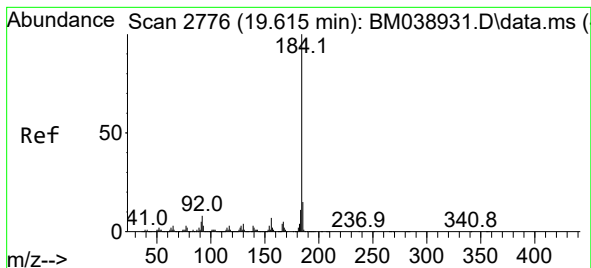
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:240 Resp: 691877
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.2 20.8 31.2





#77

Benzidine

Concen: 74.154 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion:184 Resp: 1216108

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

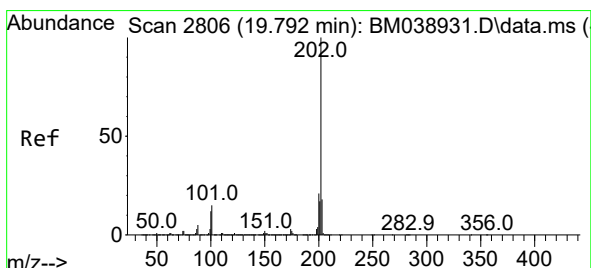
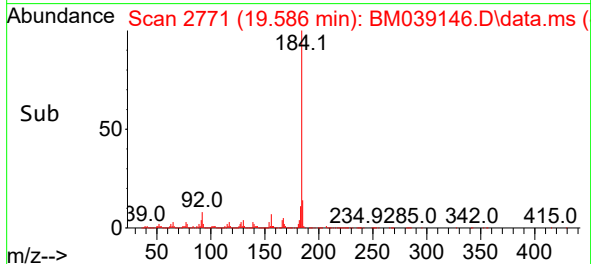
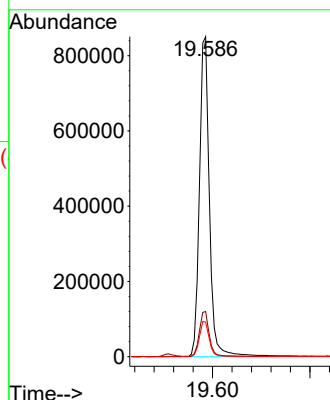
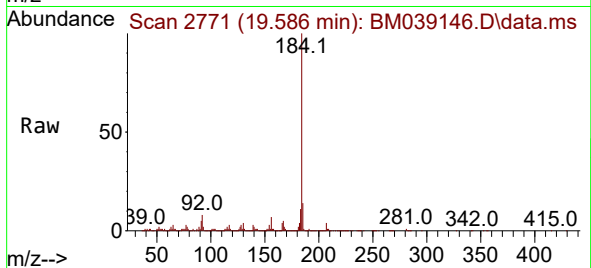
183 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#78

Pyrene

Concen: 48.996 ng

RT: 19.756 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

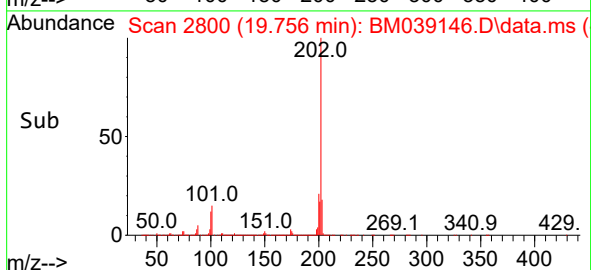
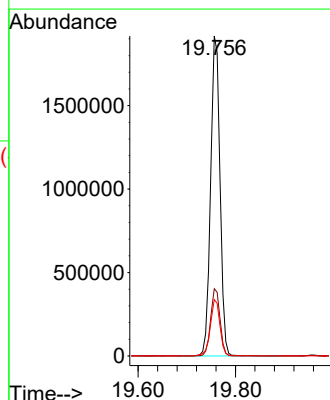
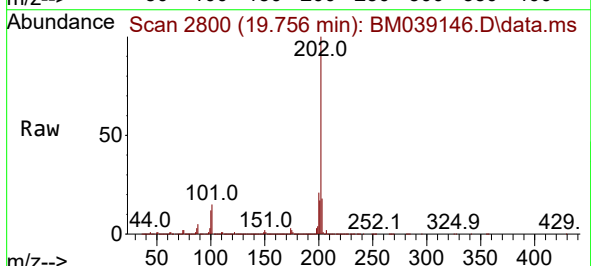
Tgt Ion:202 Resp: 2546113

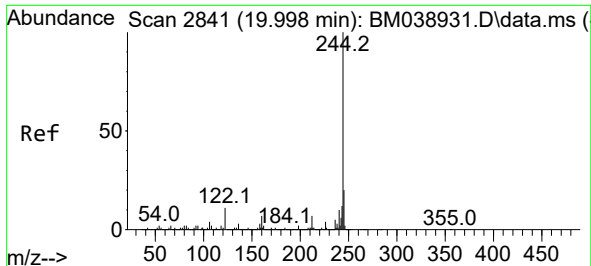
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

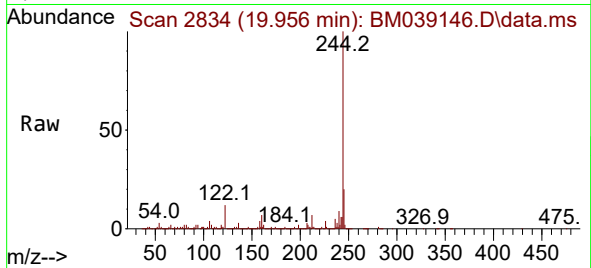
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 48.163 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51

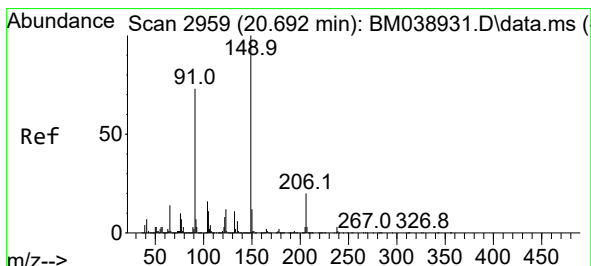
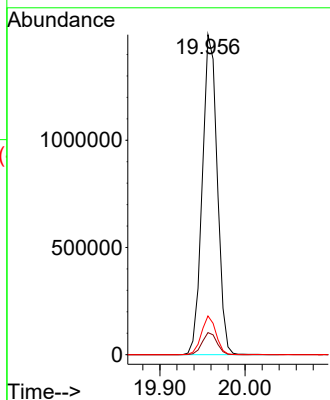
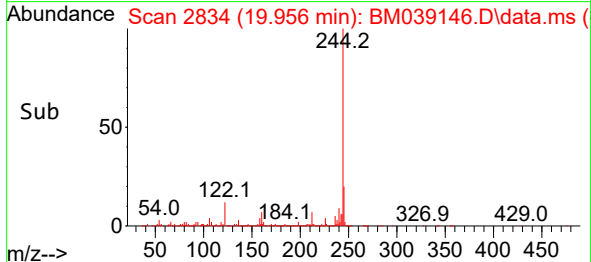
Instrument :
 BNA_M
 ClientSampleId :
 R-PITMSD



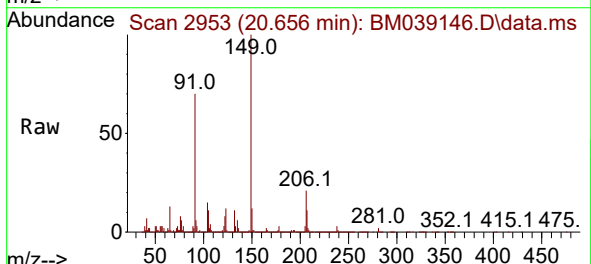
Tgt Ion:244 Resp: 182257
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.1 9.0 13.4

Manual Integrations
 APPROVED

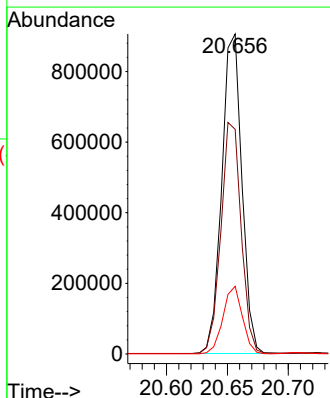
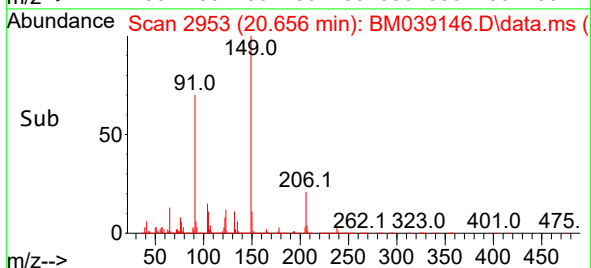
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

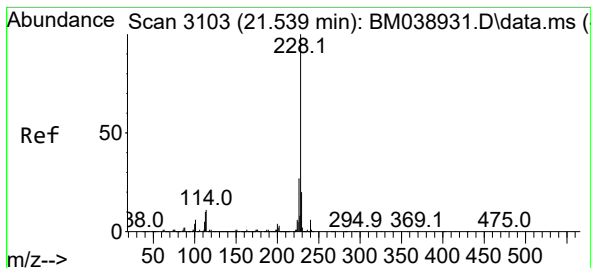


#80
 Butylbenzylphthalate
 Concen: 47.117 ng
 RT: 20.656 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51



Tgt Ion:149 Resp: 1039661
 Ion Ratio Lower Upper
 149 100
 91 70.2 58.4 87.6
 206 21.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.404 ng

RT: 21.503 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion:228 Resp: 226225

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

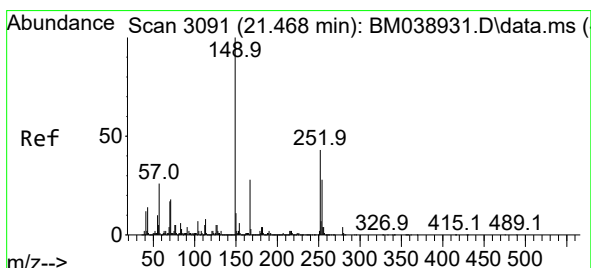
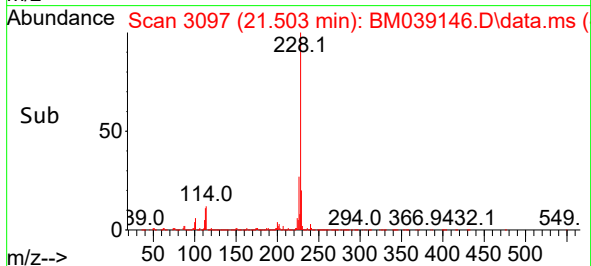
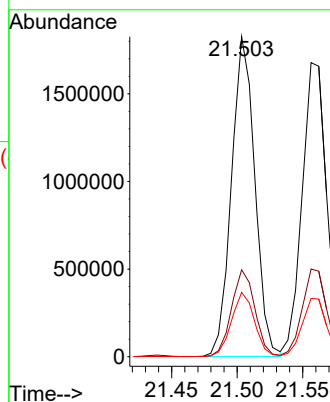
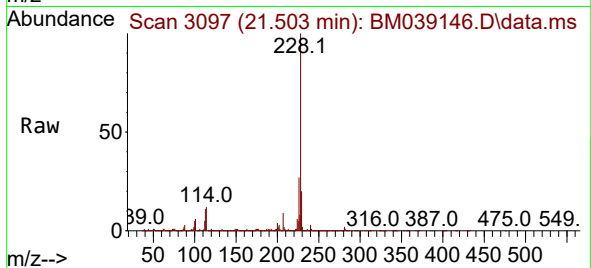
229 20.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 40.165 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

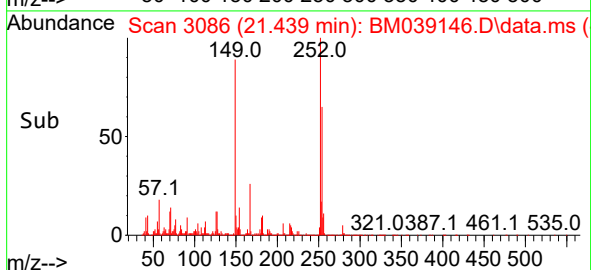
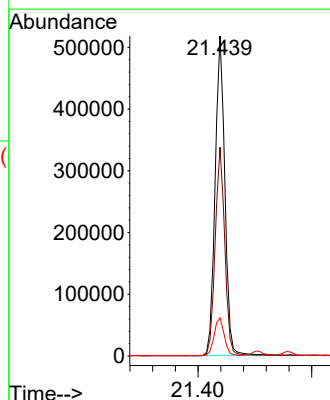
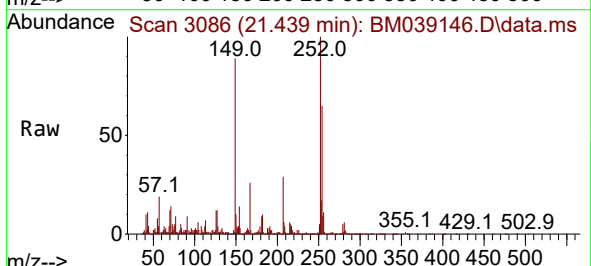
Tgt Ion:252 Resp: 615054

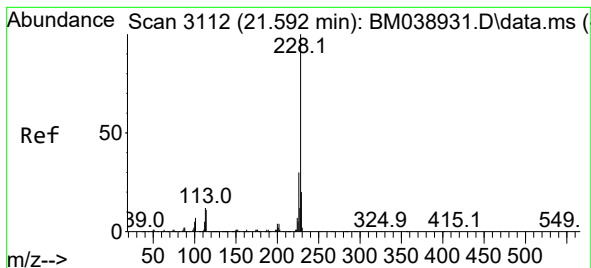
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 11.9 9.9 14.9





#83

Chrysene

Concen: 44.902 ng

RT: 21.556 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion:228 Resp: 217591

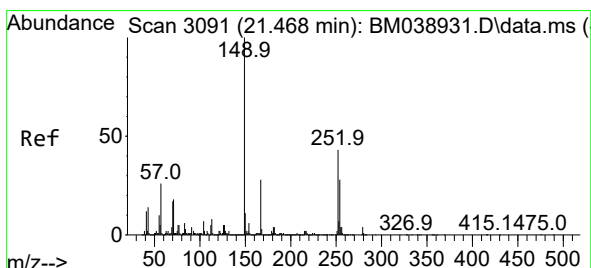
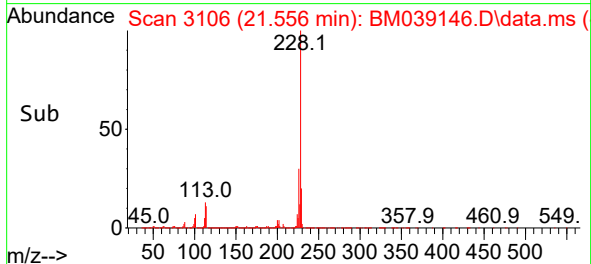
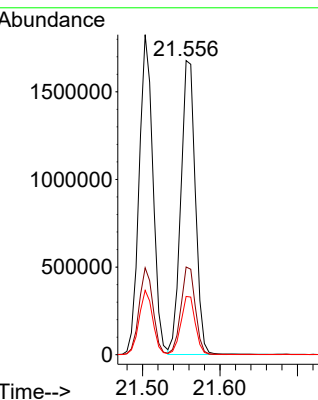
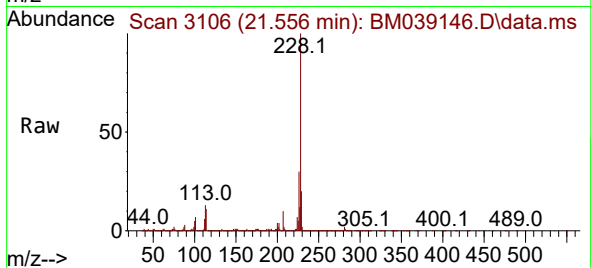
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	19.8	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.324 ng

RT: 21.427 min Scan# 3084

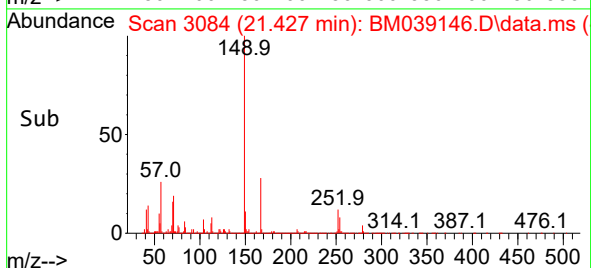
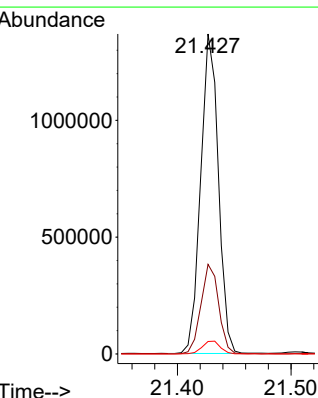
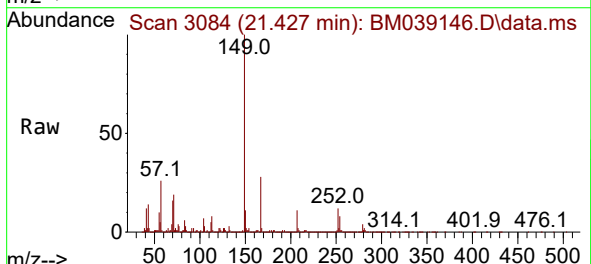
Delta R.T. -0.006 min

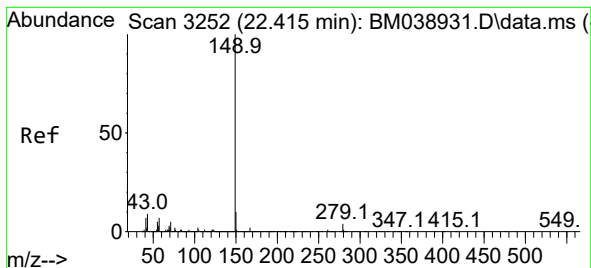
Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Tgt Ion:149 Resp: 1477010

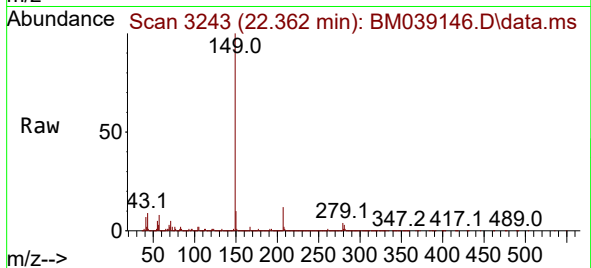
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	3.9	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 48.369 ng
RT: 22.362 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

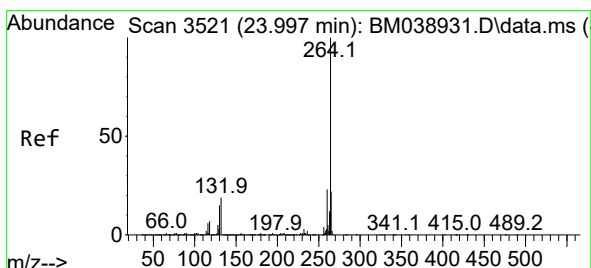
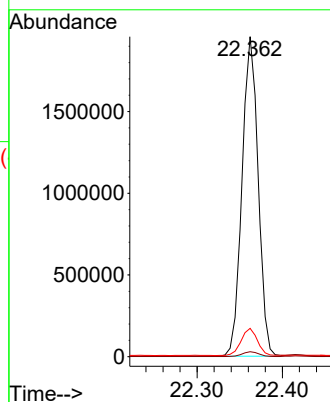
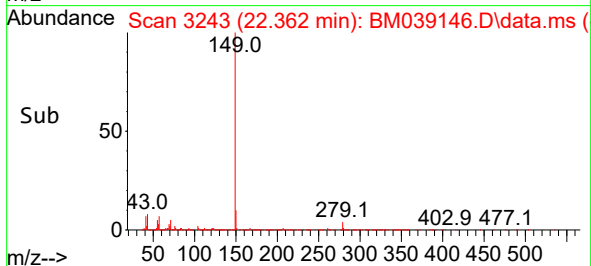
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



Tgt Ion:149 Resp: 2566080
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 7.4 11.2

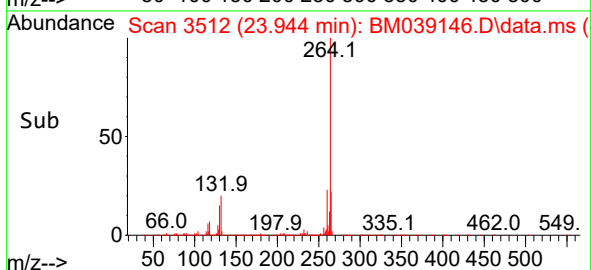
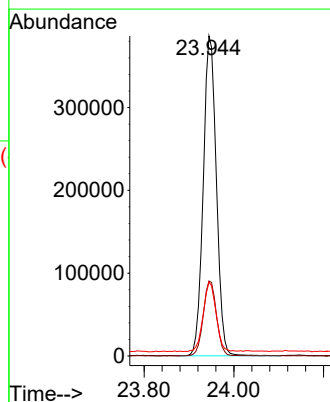
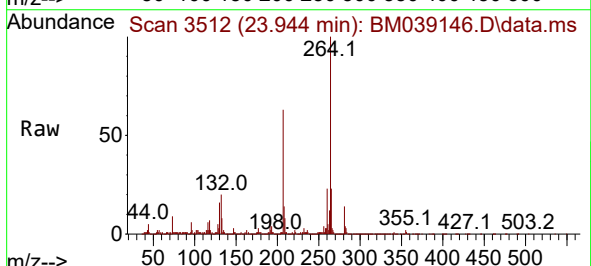
Manual Integrations
APPROVED

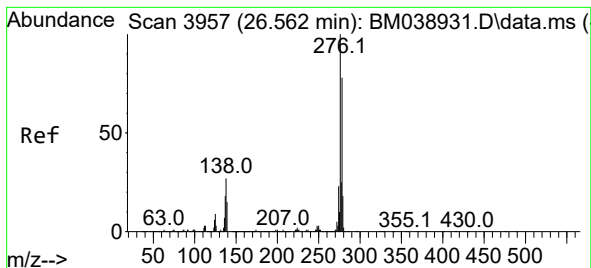
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:264 Resp: 781653
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 23.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.676 ng

RT: 26.480 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion:276 Resp: 313304

Ion Ratio Lower Upper

276 100

138 27.5 22.1 33.1

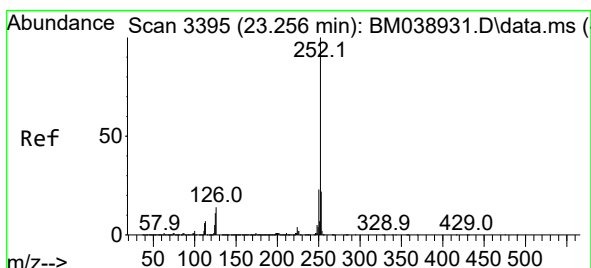
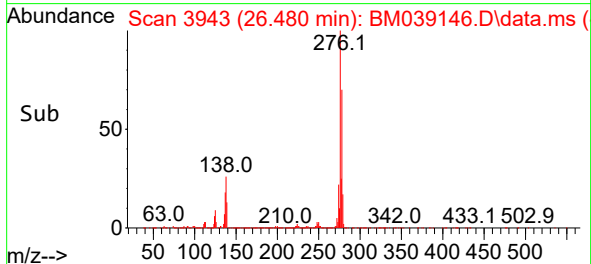
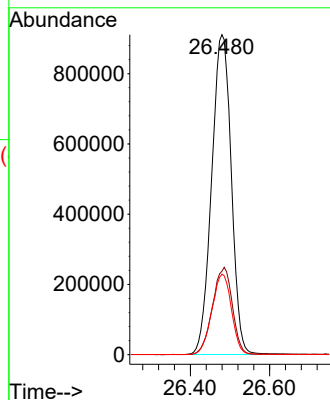
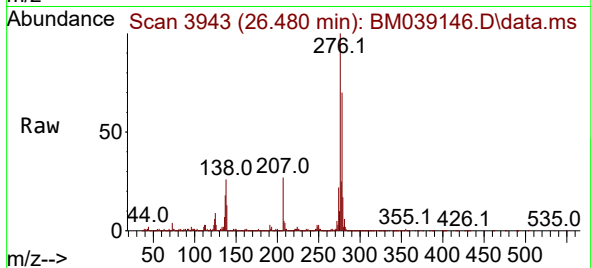
277 25.0 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#88

Benzo(b)fluoranthene

Concen: 46.674 ng

RT: 23.209 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

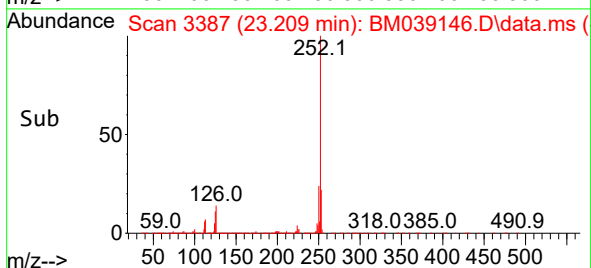
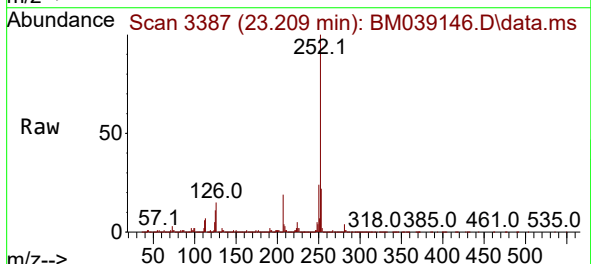
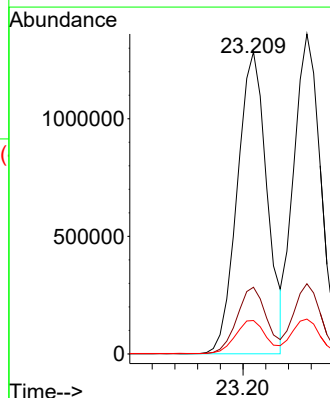
Tgt Ion:252 Resp: 2330784

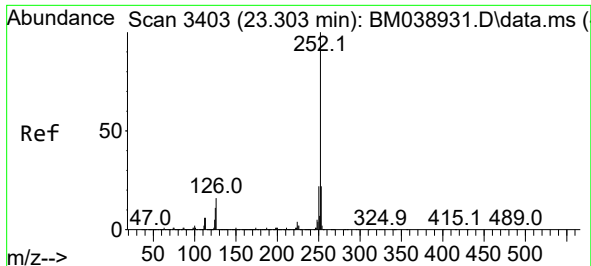
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

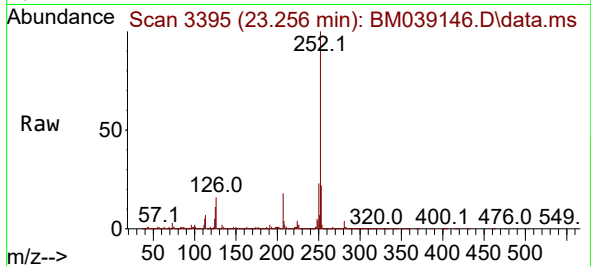
125 11.1 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 42.990 ng
RT: 23.256 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

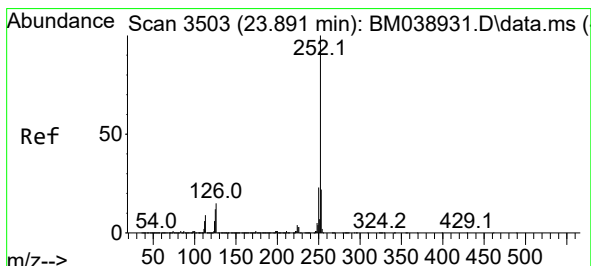
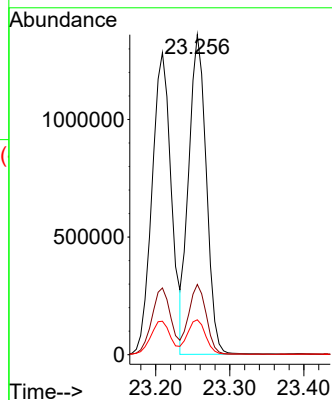
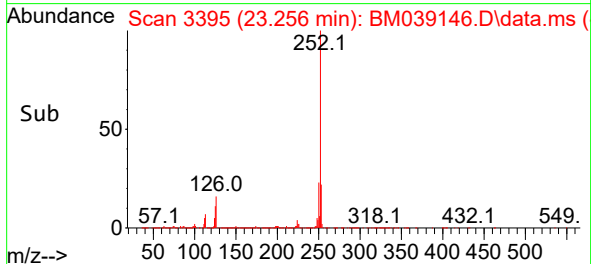
Instrument :
BNA_M
ClientSampleId :
R-PITMSD



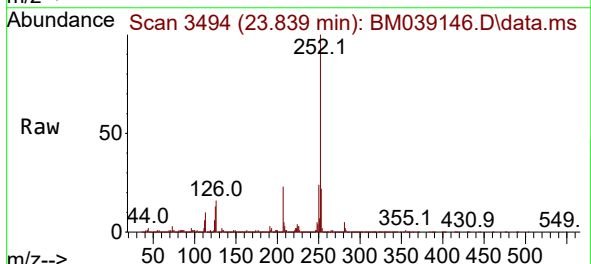
Tgt Ion:252 Resp: 223419
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 8.9 13.3

Manual Integrations
APPROVED

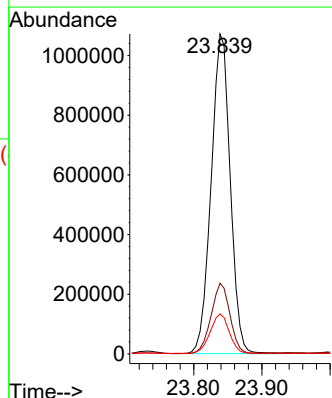
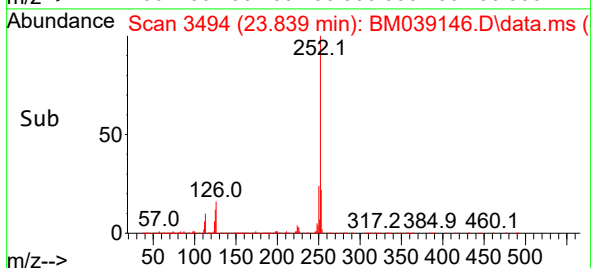
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

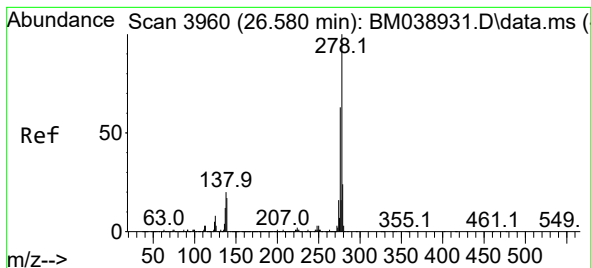


#90
Benzo(a)pyrene
Concen: 43.366 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51



Tgt Ion:252 Resp: 2084182
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.6 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 51.800 ng

RT: 26.497 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion:278 Resp: 2609218

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

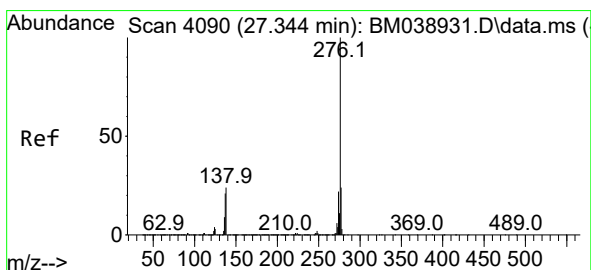
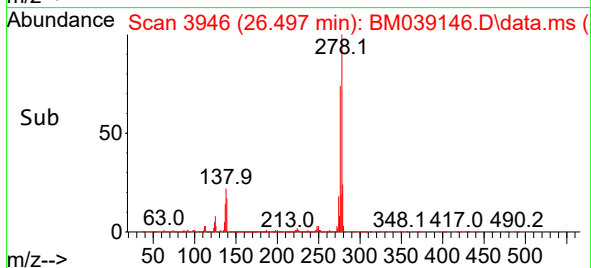
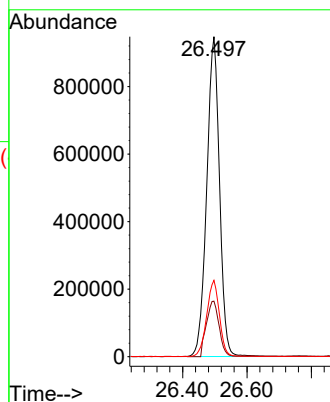
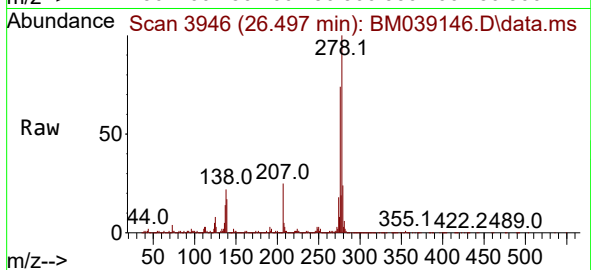
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#92

Benzo(g,h,i)perylene

Concen: 53.903 ng

RT: 27.256 min Scan# 4075

Delta R.T. -0.018 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Tgt Ion:276 Resp: 2656391

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 24.9 19.0 28.6

