

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039145.D
 Acq On : 24 Mar 2023 17:13
 Operator : CG/JU
 Sample : 02047-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

R-PITMS

Manual Integrations

APPROVED

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

Quant Time: Mar 25 01:05:52 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	285758	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1084512	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	548352	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	979248	20.000	ng	0.00
76) Chrysene-d12	21.521	240	730737	20.000	ng	0.00
86) Perylene-d12	23.944	264	795514	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1334794	70.967	ng	0.00
7) Phenol-d6	7.122	99	1688841	69.128	ng	0.00
23) Nitrobenzene-d5	9.122	82	1052131	47.654	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	426314	67.204	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1991052	47.268	ng	0.00
79) Terphenyl-d14	19.956	244	1952818	48.860	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	333448	39.850	ng	99
3) Pyridine	3.787	79	828287	35.692	ng	99
4) n-Nitrosodimethylamine	3.693	42	388367	41.126	ng	92
6) Aniline	7.275	93	1032286	32.181	ng	99
8) 2-Chlorophenol	7.516	128	952342	47.560	ng	98
9) Benzaldehyde	7.087	77	633245	54.470	ng	97
10) Phenol	7.145	94	1189220	45.838	ng	98
11) bis(2-Chloroethyl)ether	7.375	93	937551	44.448	ng	98
12) 1,3-Dichlorobenzene	7.840	146	1023447	48.094	ng	98
13) 1,4-Dichlorobenzene	7.987	146	1035102	47.827	ng	99
14) 1,2-Dichlorobenzene	8.304	146	992478	47.607	ng	98
15) Benzyl Alcohol	8.198	79	801458m	45.769	ng	
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1173335	44.045	ng	99
17) 2-Methylphenol	8.404	107	764471	42.895	ng	98
18) Hexachloroethane	9.034	117	392701	49.179	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	676622	43.971	ng	98
20) 3+4-Methylphenols	8.734	107	1021860	42.942	ng	99
22) Acetophenone	8.787	105	1384876	45.514	ng	# 98
24) Nitrobenzene	9.163	77	1005391	43.325	ng	98
25) Isophorone	9.692	82	1809348	44.533	ng	100
26) 2-Nitrophenol	9.875	139	499169	48.671	ng	95
27) 2,4-Dimethylphenol	9.939	122	827937	46.768	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	1137574	43.576	ng	100
29) 2,4-Dichlorophenol	10.416	162	789124	47.017	ng	98
30) 1,2,4-Trichlorobenzene	10.628	180	858432	46.804	ng	99
31) Naphthalene	10.816	128	2712172	43.857	ng	99
32) Benzoic acid	10.086	122	606089	46.822	ng	99
33) 4-Chloroaniline	10.928	127	283653	10.763	ng	99
34) Hexachlorobutadiene	11.098	225	494526	47.018	ng	99
35) Caprolactam	11.728	113	233130	45.638	ng	95
36) 4-Chloro-3-methylphenol	12.057	107	791916	44.310	ng	100
37) 2-Methylnaphthalene	12.422	142	1754460	42.328	ng	99
38) 1-Methylnaphthalene	12.645	142	1638049	42.171	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	869720	48.788	ng	99
41) Hexachlorocyclopentadiene	12.769	237	1186616	121.266	ng	99
43) 2,4,6-Trichlorophenol	13.033	196	569266	49.314	ng	100

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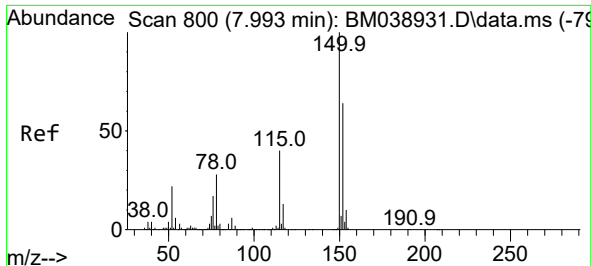
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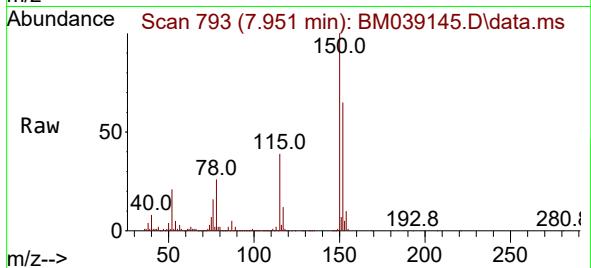
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	602025	44.555	ng	97
46) 1,1'-Biphenyl	13.433	154	2168346	46.676	ng	98
47) 2-Chloronaphthalene	13.474	162	1658182	47.336	ng	99
48) 2-Nitroaniline	13.680	65	488383	43.750	ng	93
49) Acenaphthylene	14.322	152	2521604	45.191	ng	100
50) Dimethylphthalate	14.057	163	1832009	43.418	ng	100
51) 2,6-Dinitrotoluene	14.174	165	405220	43.561	ng	96
52) Acenaphthene	14.663	154	1484937	43.303	ng	99
53) 3-Nitroaniline	14.504	138	260043	24.638	ng	96
54) 2,4-Dinitrophenol	14.710	184	508681	93.877	ng	92
55) Dibenzofuran	14.992	168	2309270	43.034	ng	99
56) 4-Nitrophenol	14.816	139	754565	90.042	ng	97
57) 2,4-Dinitrotoluene	14.963	165	532020	43.524	ng	94
58) Fluorene	15.645	166	1783838	42.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	474695	45.553	ng	97
60) Diethylphthalate	15.416	149	1755896	42.768	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	875780	42.410	ng	99
62) 4-Nitroaniline	15.668	138	420738	38.261	ng	97
63) Azobenzene	15.927	77	1893216	43.580	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	303708	47.279	ng	95
66) n-Nitrosodiphenylamine	15.851	169	1507096	45.652	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	503696	47.622	ng	98
68) Hexachlorobenzene	16.645	284	569190	48.139	ng	99
69) Atrazine	16.804	200	467976	51.898	ng	98
70) Pentachlorophenol	16.992	266	727672	83.674	ng	99
71) Phenanthrene	17.386	178	2585986	44.995	ng	99
72) Anthracene	17.474	178	2579737	45.010	ng	100
73) Carbazole	17.745	167	2331478	44.571	ng	100
74) Di-n-butylphthalate	18.309	149	2792469	43.927	ng	99
75) Fluoranthene	19.398	202	2615356	43.099	ng	99
77) Benzidine	19.580	184	1063001	62.212	ng	98
78) Pyrene	19.756	202	2693919	49.084	ng	100
80) Butylbenzylphthalate	20.656	149	1124412	48.169	ng	96
81) Benzo(a)anthracene	21.503	228	2433227	46.238	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	641835	39.685	ng	99
83) Chrysene	21.556	228	2272248	44.396	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1582494	46.957	ng	100
85) Di-n-octyl phthalate	22.362	149	2673703	47.769	ng	98
87) Indeno(1,2,3-cd)pyrene	26.480	276	3128158	51.677	ng	100
88) Benzo(b)fluoranthene	23.209	252	2395925	47.143	ng	100
89) Benzo(k)fluoranthene	23.256	252	2295187	43.394	ng	100
90) Benzo(a)pyrene	23.839	252	2132852	43.605	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	2588798	50.499	ng	99
92) Benzo(g,h,i)perylene	27.262	276	2652131	52.879	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

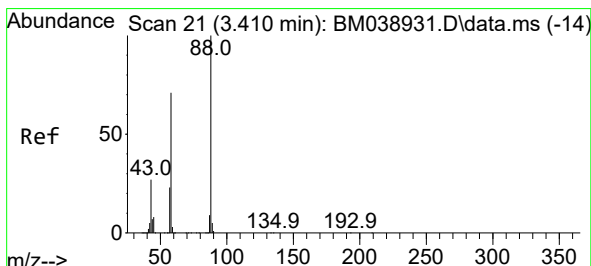
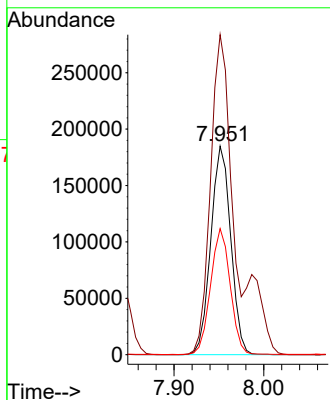
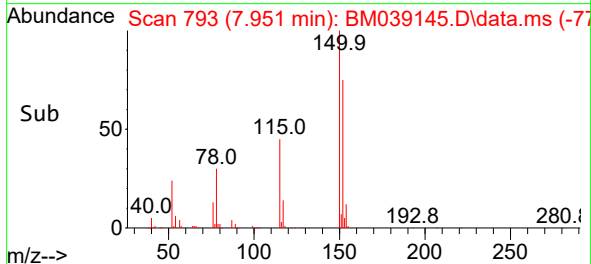
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:152 Resp: 285758
Ion Ratio Lower Upper
152 100
150 153.5 125.1 187.7
115 60.5 49.6 74.4

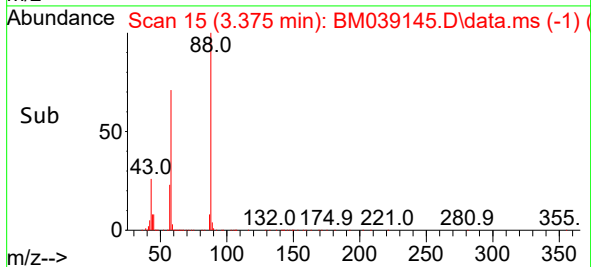
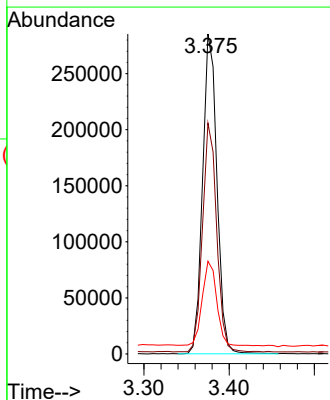
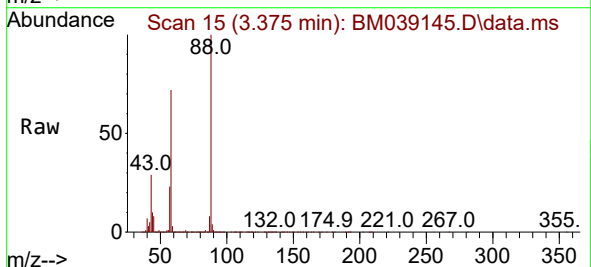
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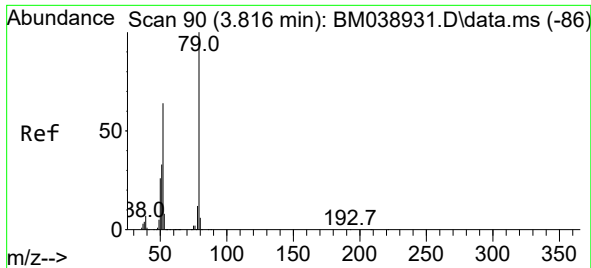
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#2
1,4-Dioxane
Concen: 39.850 ng
RT: 3.375 min Scan# 15
Delta R.T. 0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 88 Resp: 333448
Ion Ratio Lower Upper
88 100
58 70.8 57.2 85.8
43 26.7 22.0 33.0





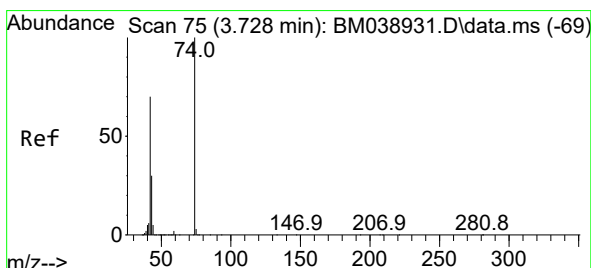
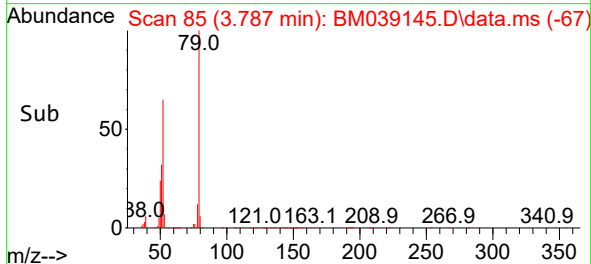
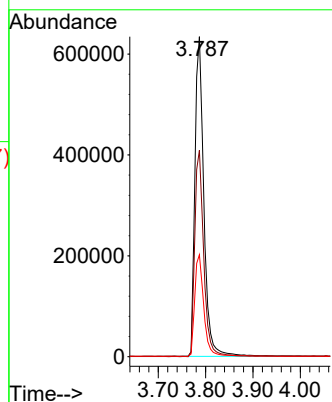
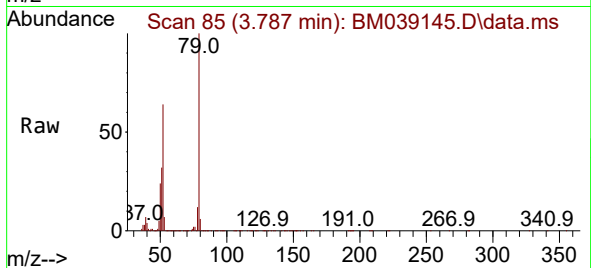
#3
Pyridine
Concen: 35.692 ng
RT: 3.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Instrument :
BNA_M
ClientSampleId :
R-PITMS

Tgt Ion: 79 Resp: 82828
Ion Ratio Lower Upper
79 100
52 64.5 51.4 77.2
51 31.9 26.6 40.0

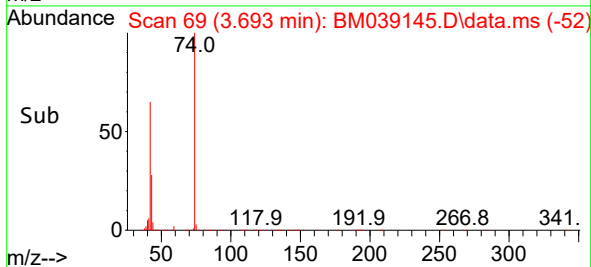
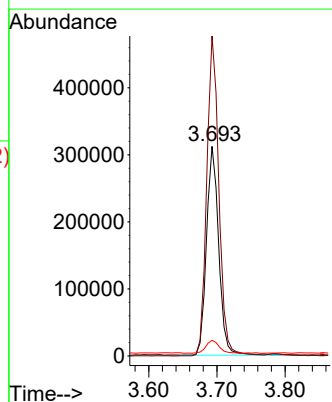
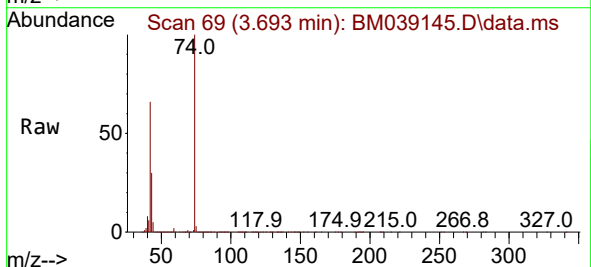
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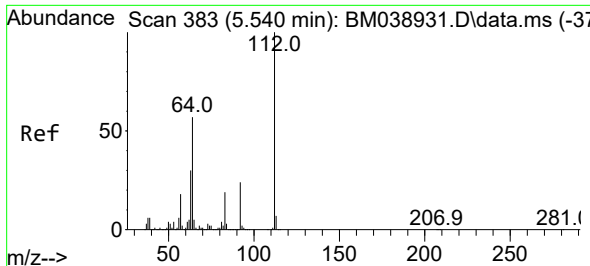
Reviewed By :Christian Giraldo 03/27/2023
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#4
n-Nitrosodimethylamine
Concen: 41.126 ng
RT: 3.693 min Scan# 69
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

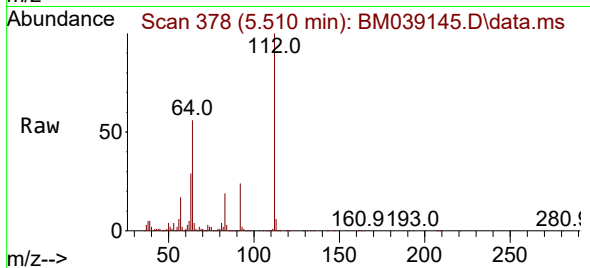
Tgt Ion: 42 Resp: 388367
Ion Ratio Lower Upper
42 100
74 152.6 113.8 170.8
44 7.4 6.2 9.2





#5
2-Fluorophenol
Concen: 70.967 ng
RT: 5.510 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

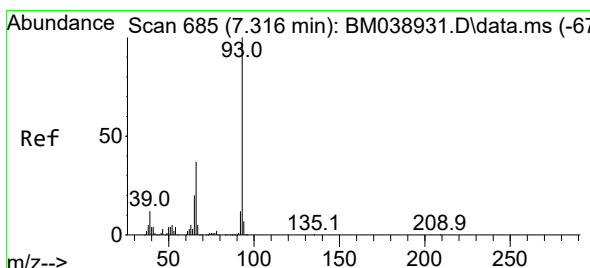
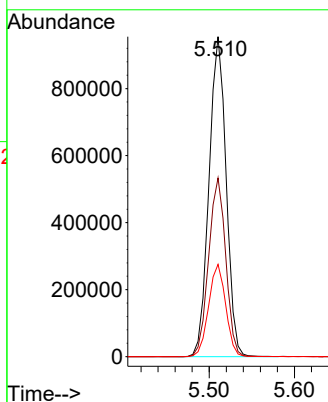
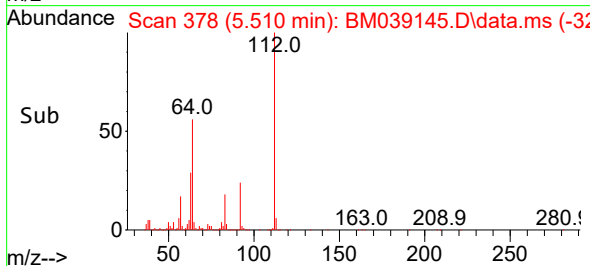
Instrument :
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Tgt Ion:112 Resp: 1334794
Ion Ratio Lower Upper
112 100
64 55.8 45.9 68.9
63 28.9 23.8 35.8

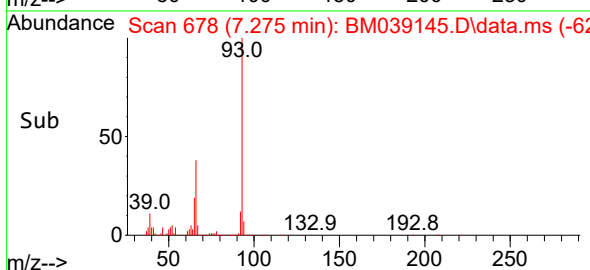
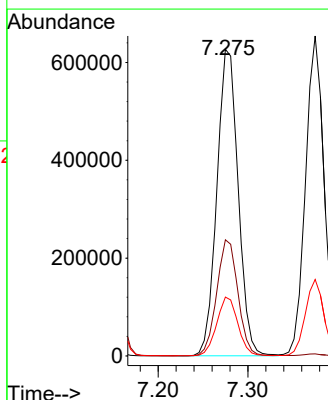
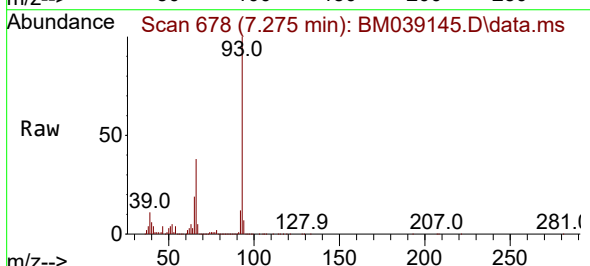
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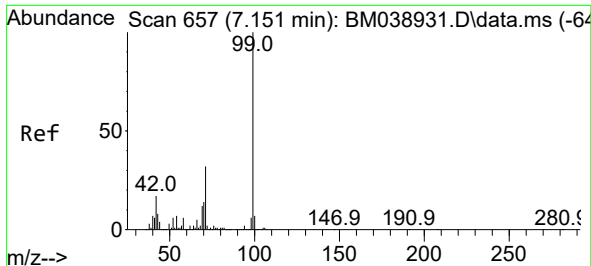
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#6
Aniline
Concen: 32.181 ng
RT: 7.275 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 93 Resp: 1032286
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.2 15.8 23.6





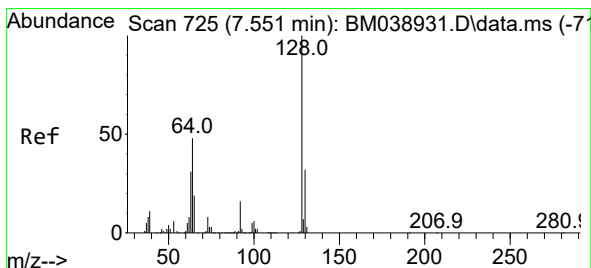
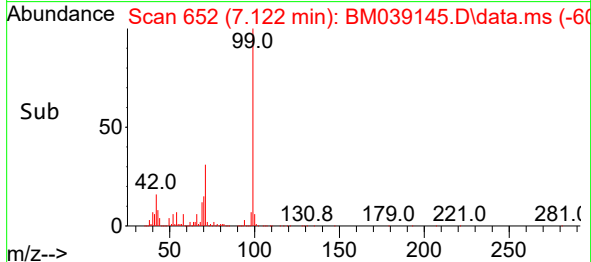
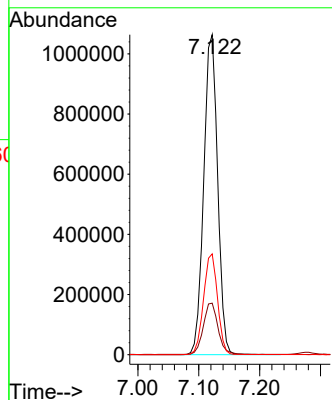
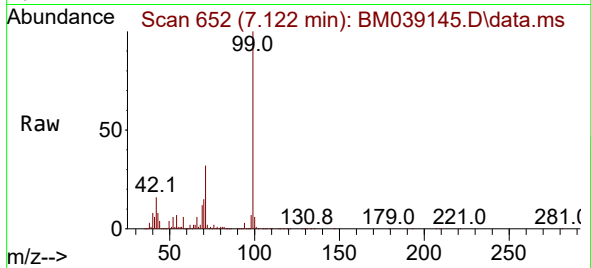
#7
Phenol-d6
Concen: 69.128 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 168884
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 31.5 25.6 38.4

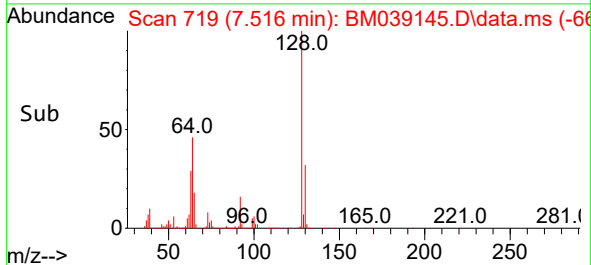
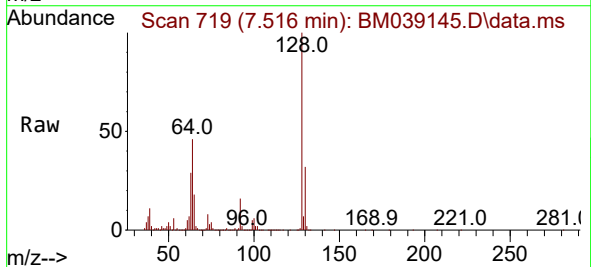
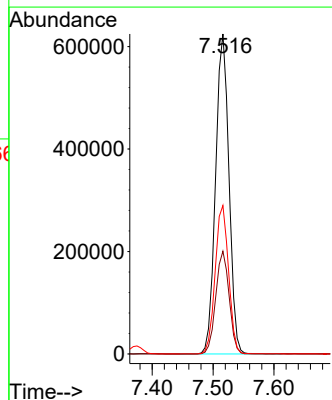
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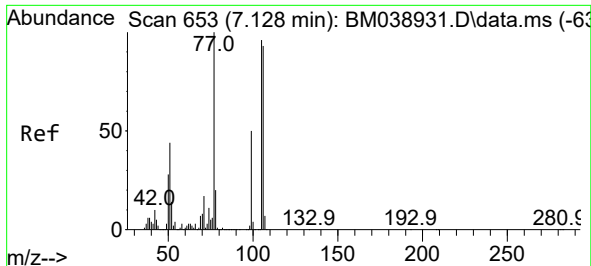
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#8
2-Chlorophenol
Concen: 47.560 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:128 Resp: 952342
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 46.4 28.6 68.6





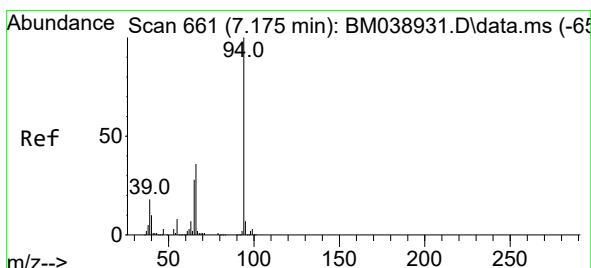
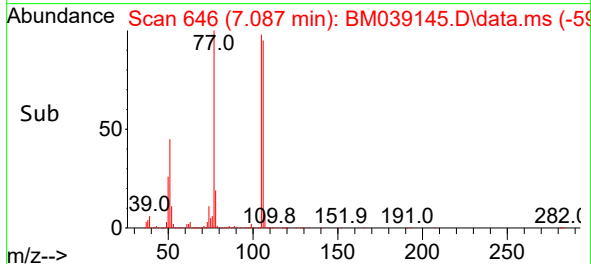
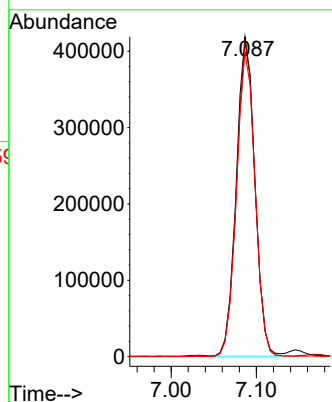
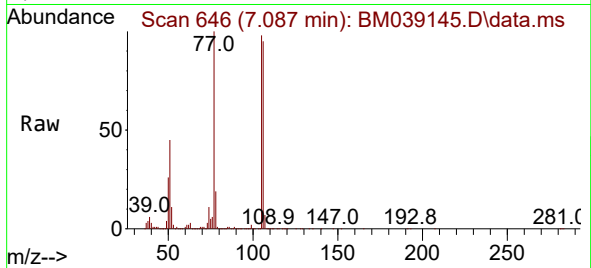
#9
Benzaldehyde
Concen: 54.470 ng
RT: 7.087 min Scan# 646
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

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BNA_M
ClientSampleId :
R-PITMS

Tgt Ion: 77 Resp: 633245
Ion Ratio Lower Upper
77 100
105 98.4 75.8 115.8
106 95.2 72.6 112.6

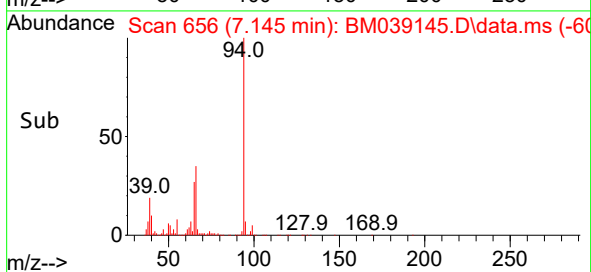
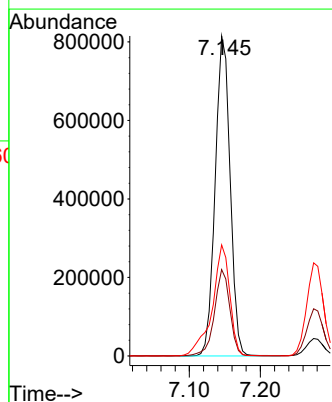
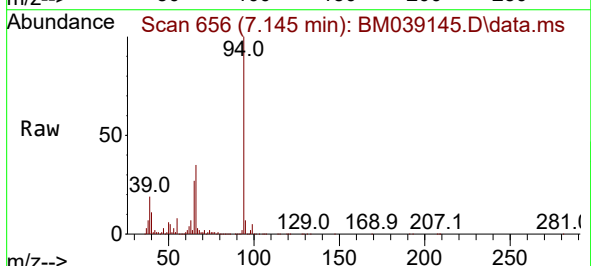
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#10
Phenol
Concen: 45.838 ng
RT: 7.145 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

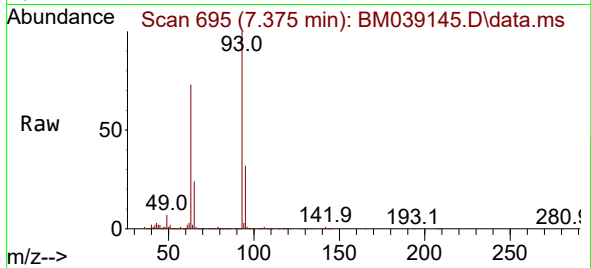
Tgt Ion: 94 Resp: 1189220
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 34.7 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 44.448 ng
RT: 7.375 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

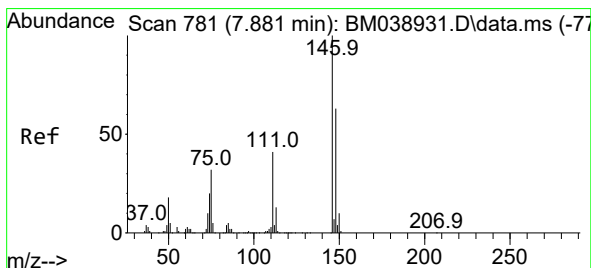
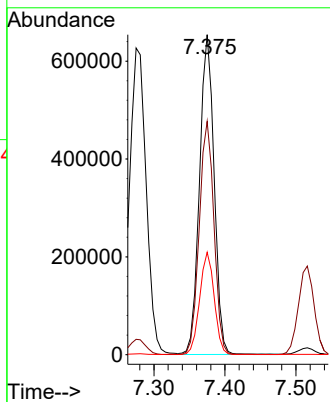
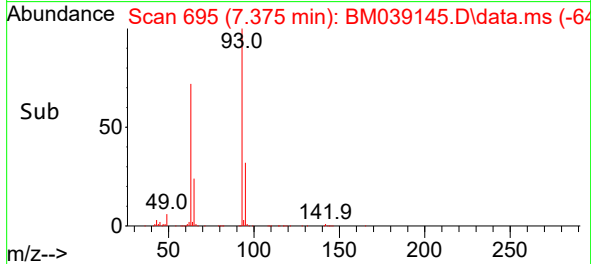
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion: 93 Resp: 93755
Ion Ratio Lower Upper
93 100
63 72.9 55.8 95.8
95 32.0 12.2 52.2

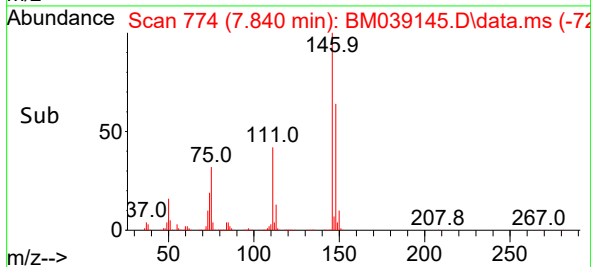
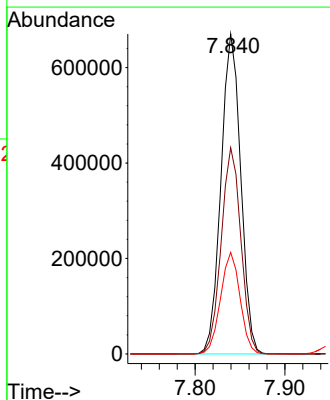
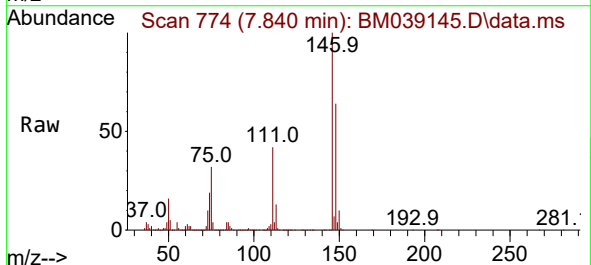
Manual Integrations
APPROVED

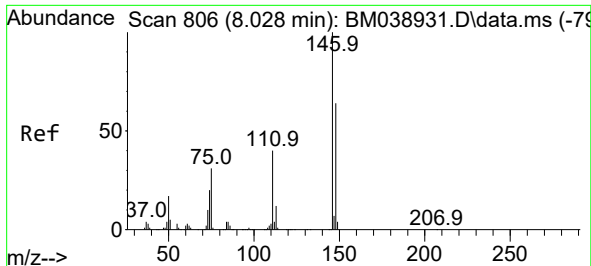
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#12
1,3-Dichlorobenzene
Concen: 48.094 ng
RT: 7.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

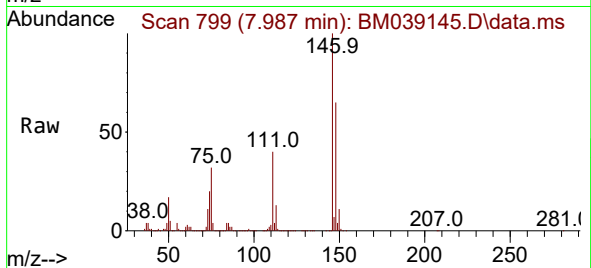
Tgt Ion:146 Resp: 1023447
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 31.8 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 47.827 ng
RT: 7.987 min Scan# 799
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

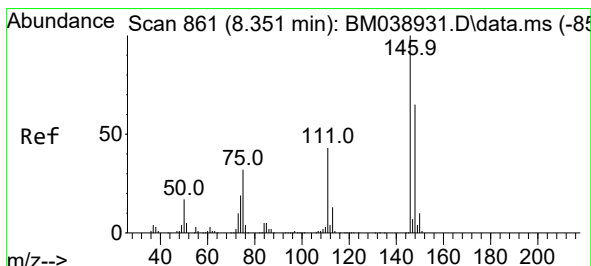
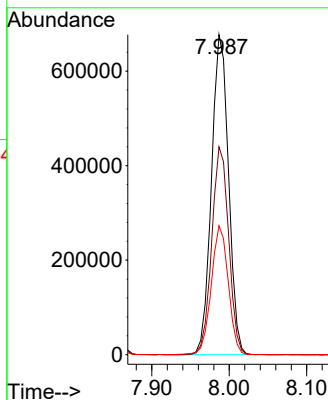
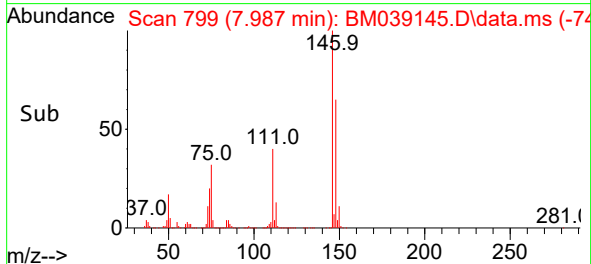
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:146 Resp: 103510
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
111 40.3 32.2 48.4

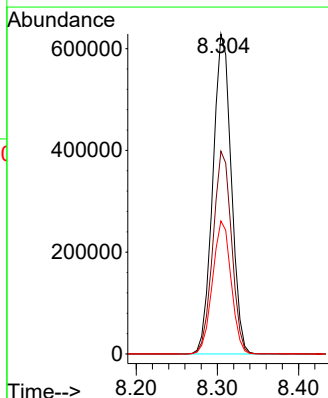
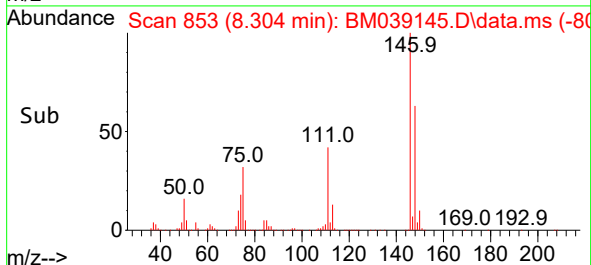
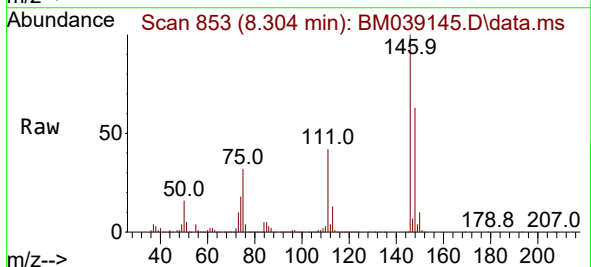
Manual Integrations
APPROVED

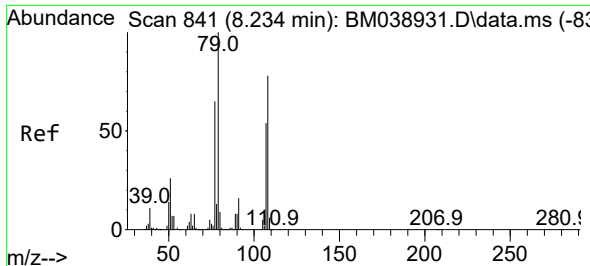
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#14
1,2-Dichlorobenzene
Concen: 47.607 ng
RT: 8.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

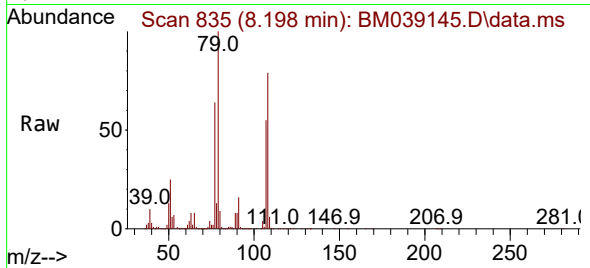
Tgt Ion:146 Resp: 992478
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 41.5 34.2 51.4





#15
Benzyl Alcohol
Concen: 45.769 ng m
RT: 8.198 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

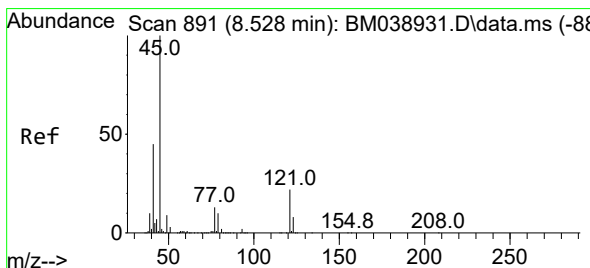
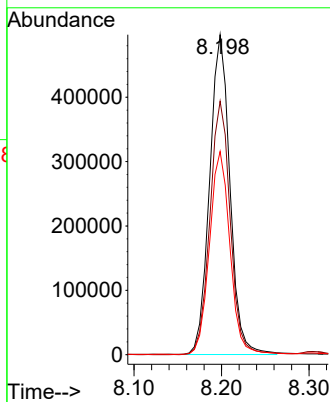
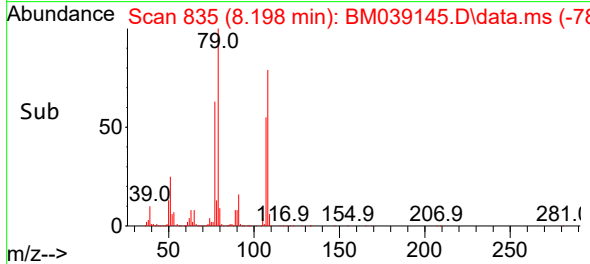
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion: 79 Resp: 801458
Ion Ratio Lower Upper
79 100
108 79.2 62.4 93.6
77 63.5 52.2 78.4

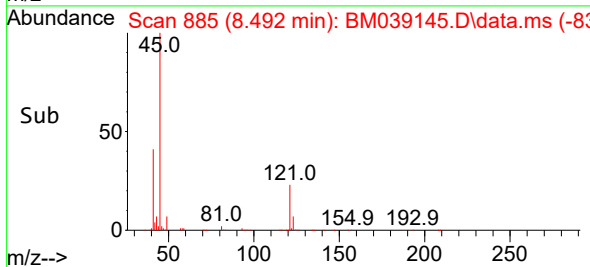
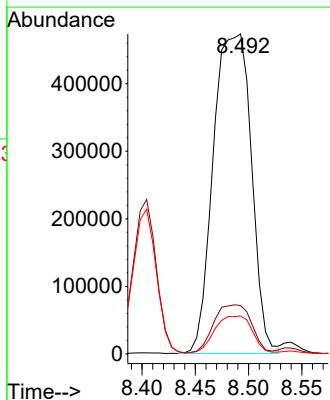
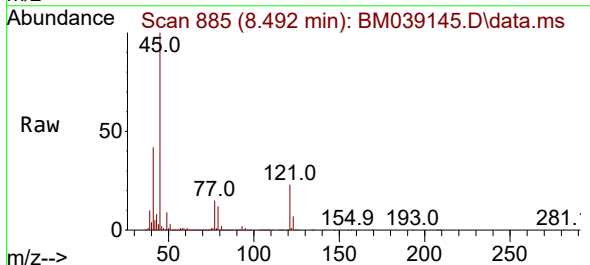
Manual Integrations
APPROVED

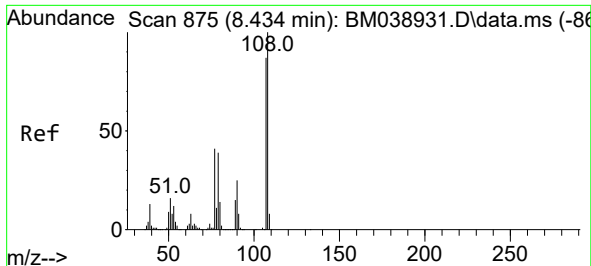
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.045 ng
RT: 8.492 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

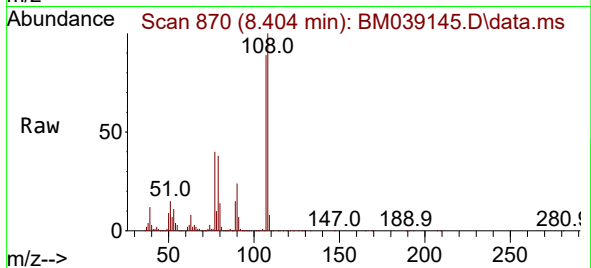
Tgt Ion: 45 Resp: 1173335
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.8 0.0 31.5





#17
2-Methylphenol
Concen: 42.895 ng
RT: 8.404 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Instrument :
BNA_M
ClientSampleId :
R-PITMS

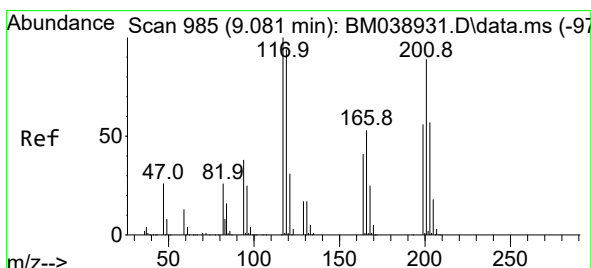
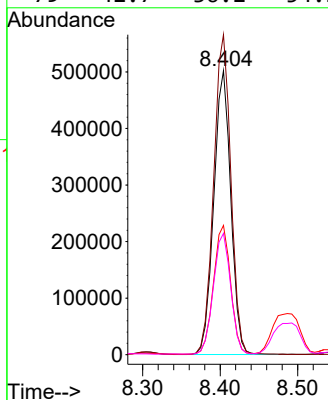
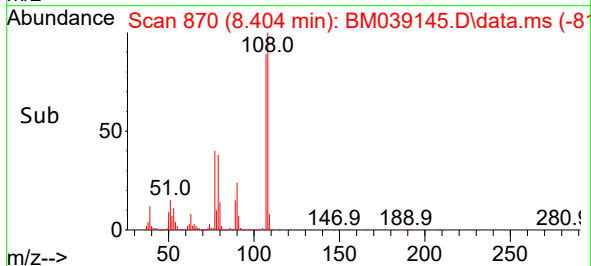


Tgt Ion:107 Resp: 76447

Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	45.5	37.4	56.2
79	42.7	36.2	54.2

Manual Integrations
APPROVED

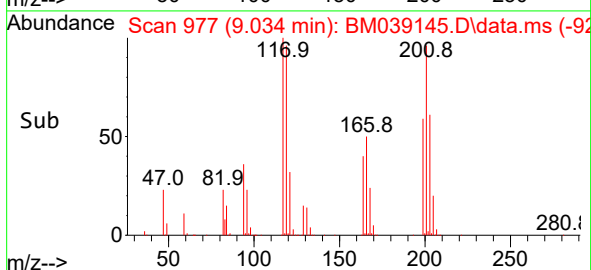
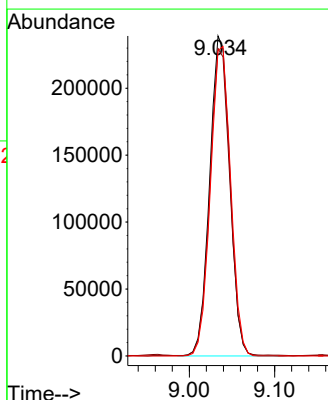
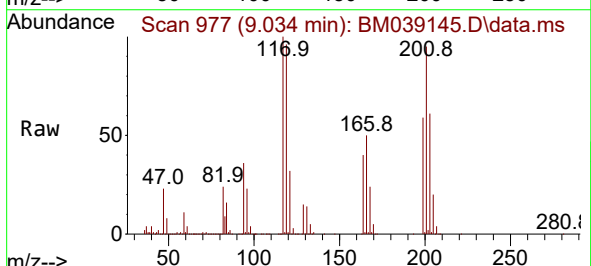
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

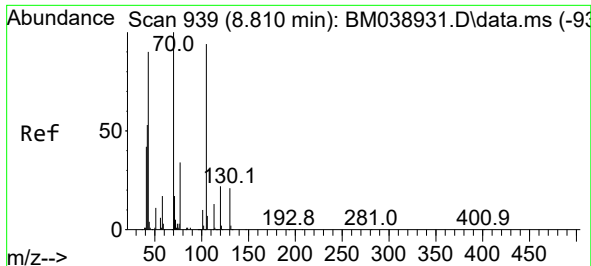


#18
Hexachloroethane
Concen: 49.179 ng
RT: 9.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:117 Resp: 392701

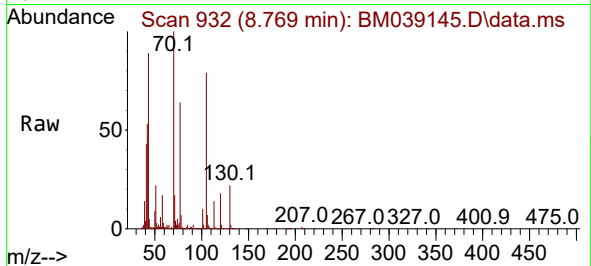
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
201	95.5	71.3	106.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.971 ng
RT: 8.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

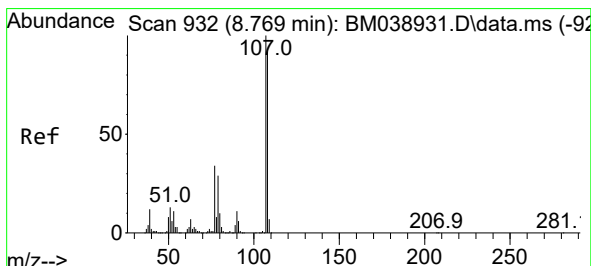
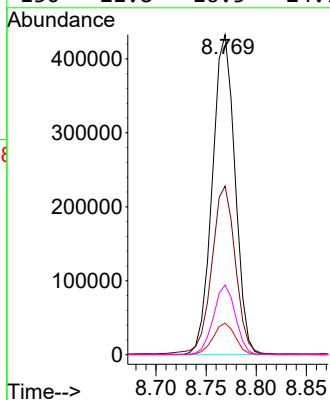
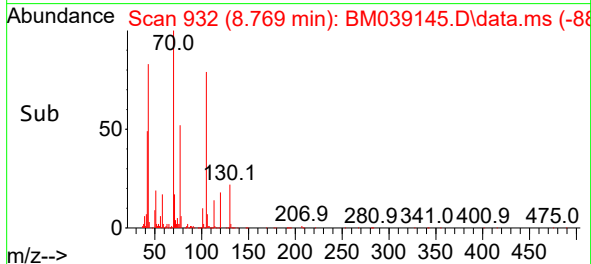
Instrument :
BNA_M
ClientSampleId :
R-PITMS



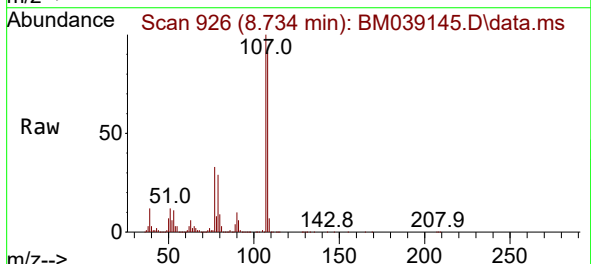
Tgt Ion: 70 Resp: 67662
Ion Ratio Lower Upper
70 100
42 52.7 43.4 65.2
101 9.9 7.6 11.4
130 21.8 16.5 24.7

Manual Integrations
APPROVED

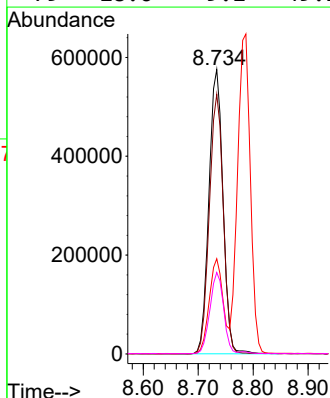
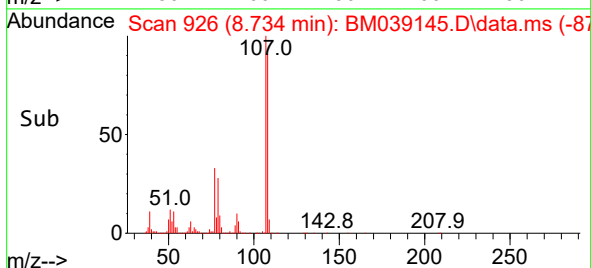
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

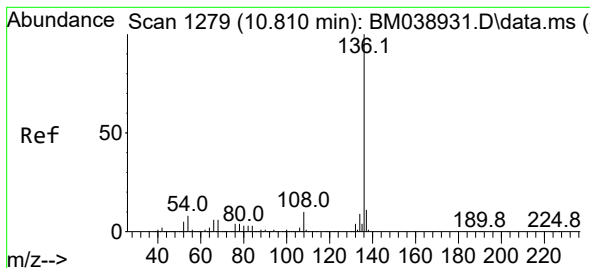


#20
3+4-Methylphenols
Concen: 42.942 ng
RT: 8.734 min Scan# 926
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



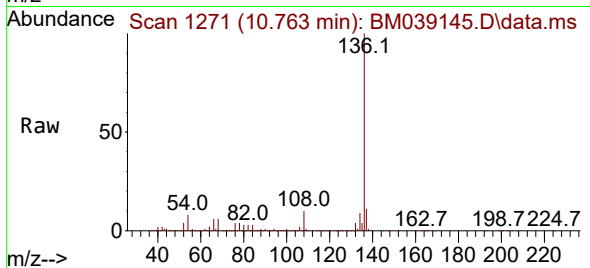
Tgt Ion:107 Resp: 1021860
Ion Ratio Lower Upper
107 100
108 91.3 71.8 111.8
77 33.5 13.6 53.6
79 28.6 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

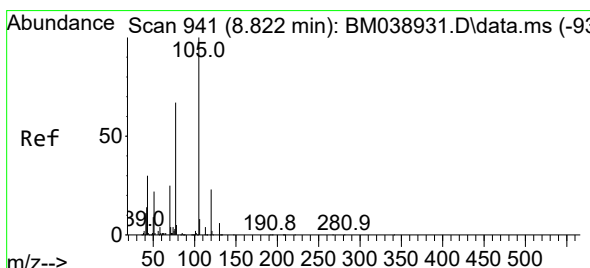
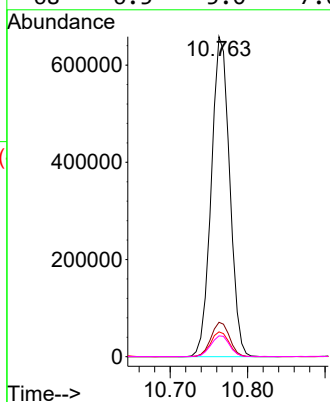
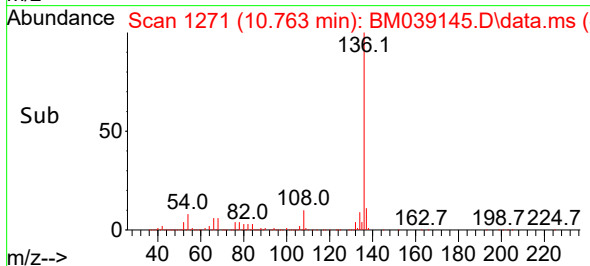
Instrument :
BNA_M
ClientSampleId :
R-PITMS



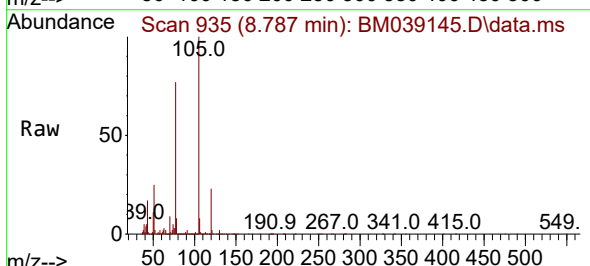
Tgt Ion:136 Resp: 1084512
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 6.3 9.5
68 6.5 5.0 7.6

Manual Integrations
APPROVED

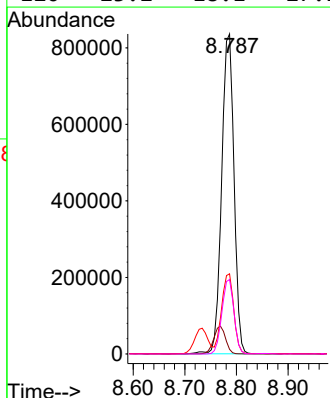
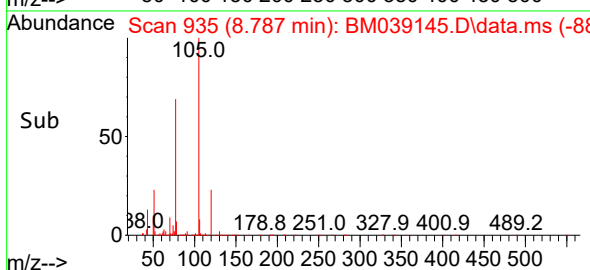
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

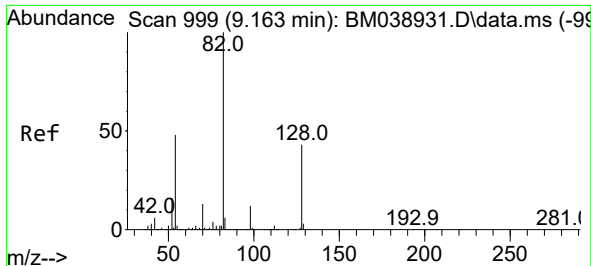


#22
Acetophenone
Concen: 45.514 ng
RT: 8.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



Tgt Ion:105 Resp: 1384876
Ion Ratio Lower Upper
105 100
71 1.5 3.4 5.0#
51 25.1 21.0 31.4
120 23.2 18.1 27.1





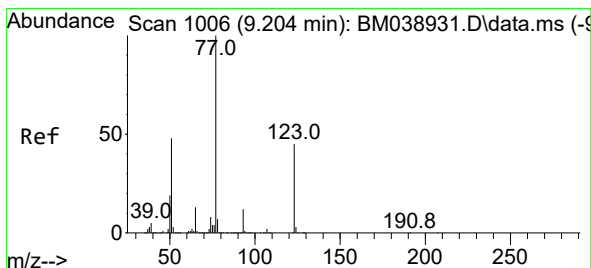
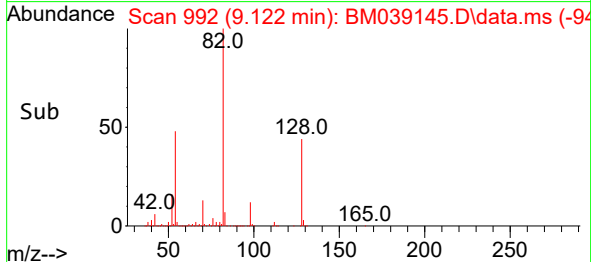
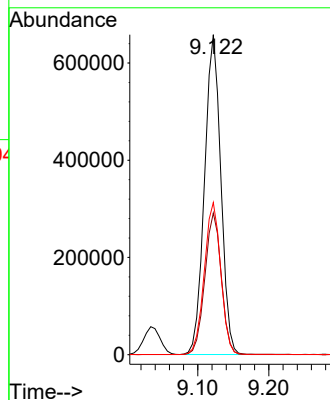
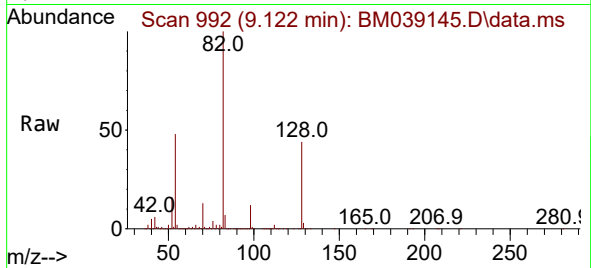
#23
Nitrobenzene-d5
Concen: 47.654 ng
RT: 9.122 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Instrument :
BNA_M
ClientSampleId :
R-PITMS

Tgt Ion: 82 Resp: 105213
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 47.6 38.8 58.2

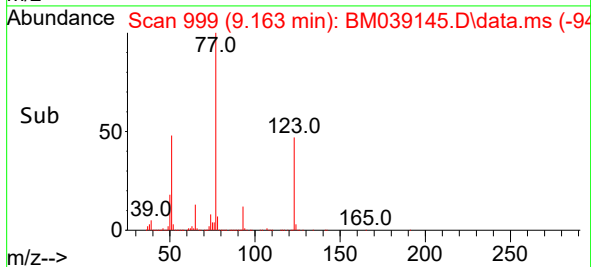
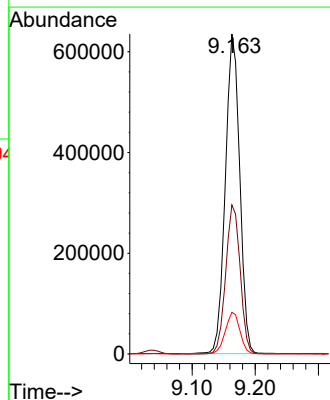
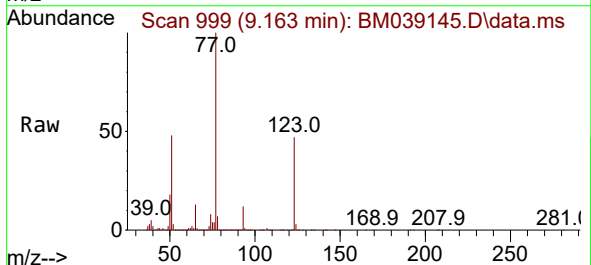
Manual Integrations
APPROVED

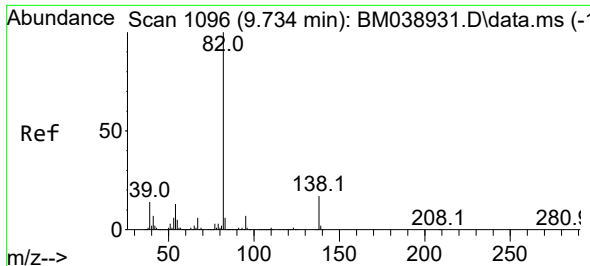
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#24
Nitrobenzene
Concen: 43.325 ng
RT: 9.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

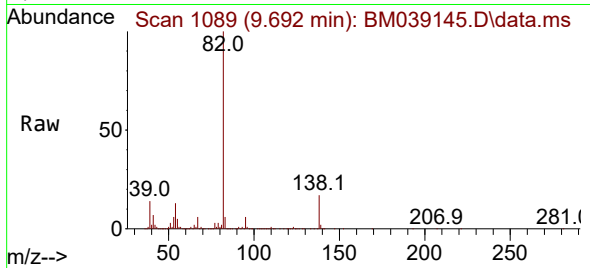
Tgt Ion: 77 Resp: 1005391
Ion Ratio Lower Upper
77 100
123 46.6 35.8 53.6
65 13.0 10.2 15.4





#25
Isophorone
Concen: 44.533 ng
RT: 9.692 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

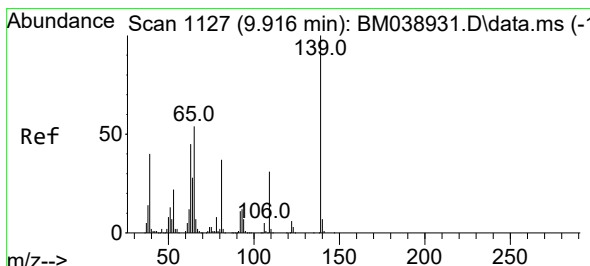
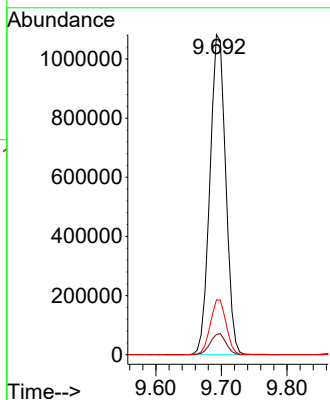
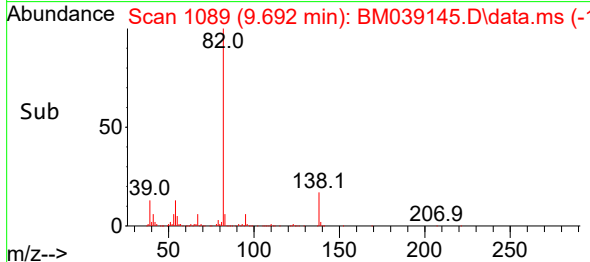
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion: 82 Resp: 180934
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 17.1 13.6 20.4

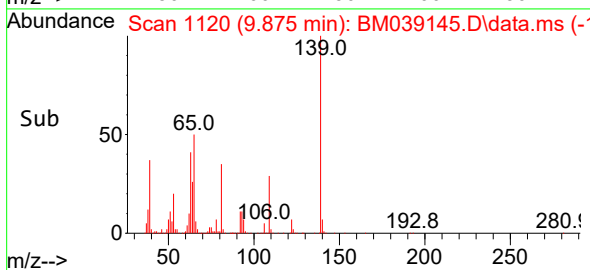
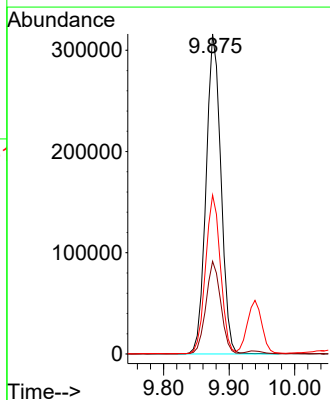
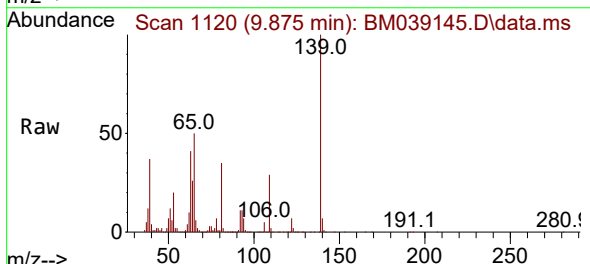
Manual Integrations
APPROVED

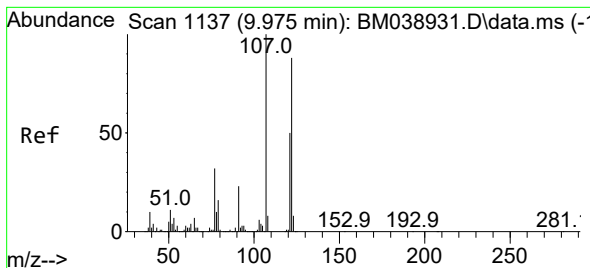
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#26
2-Nitrophenol
Concen: 48.671 ng
RT: 9.875 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

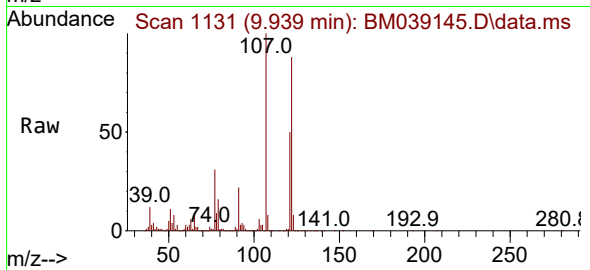
Tgt Ion:139 Resp: 499169
Ion Ratio Lower Upper
139 100
109 28.9 24.5 36.7
65 49.7 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 46.768 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

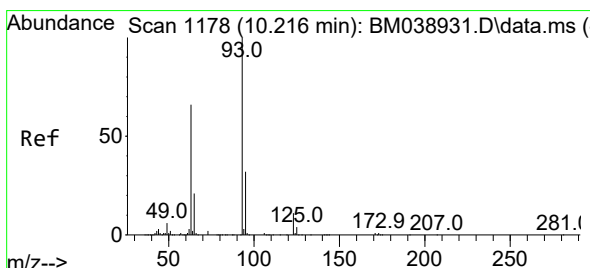
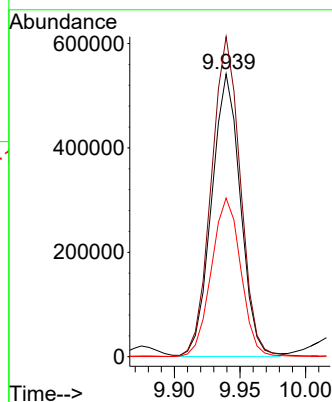
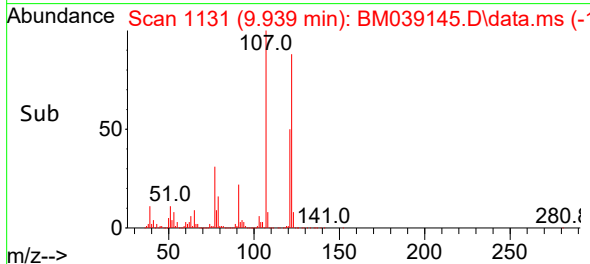
Instrument :
BNA_M
ClientSampleId :
R-PITMS



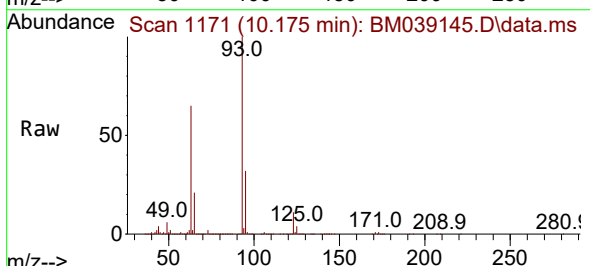
Tgt Ion:122 Resp: 82793
Ion Ratio Lower Upper
122 100
107 113.2 91.0 136.4
121 56.1 45.1 67.7

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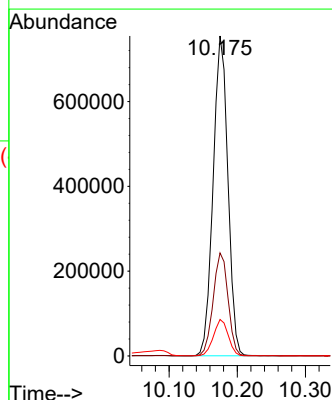
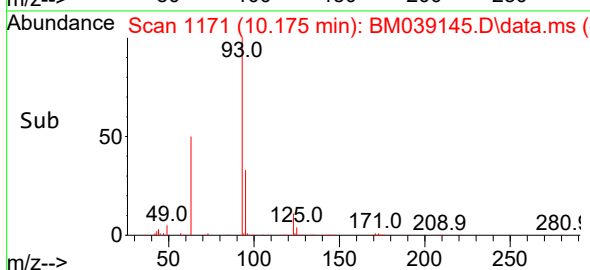
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

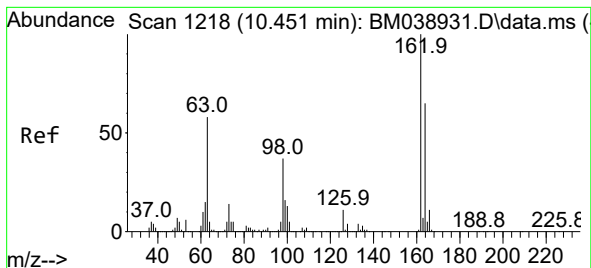


#28
bis(2-Chloroethoxy)methane
Concen: 43.576 ng
RT: 10.175 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



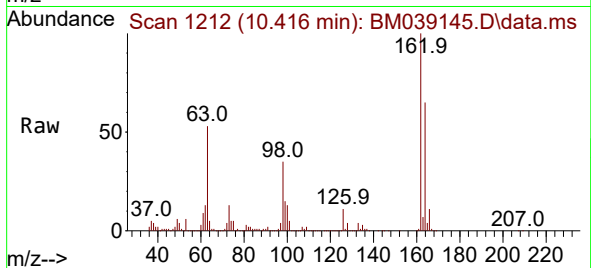
Tgt Ion: 93 Resp: 1137574
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 11.4 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 47.017 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

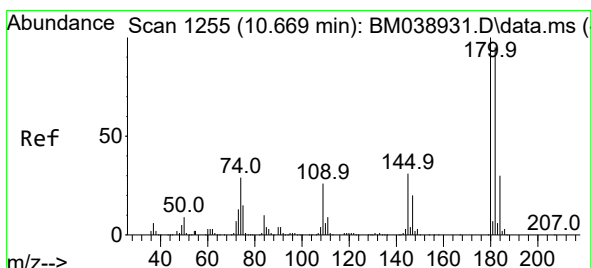
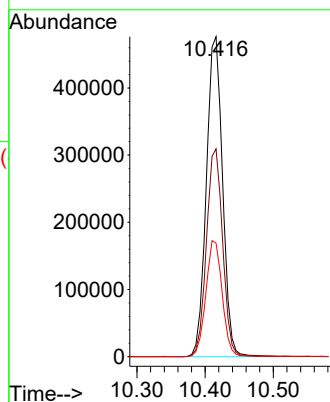
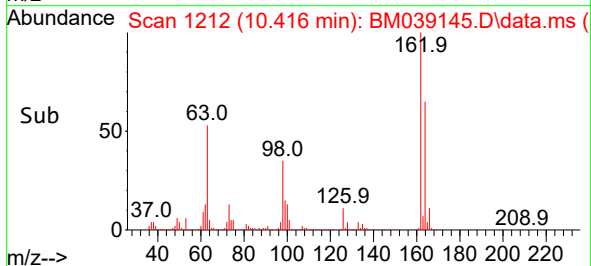
Instrument :
BNA_M
ClientSampleId :
R-PITMS



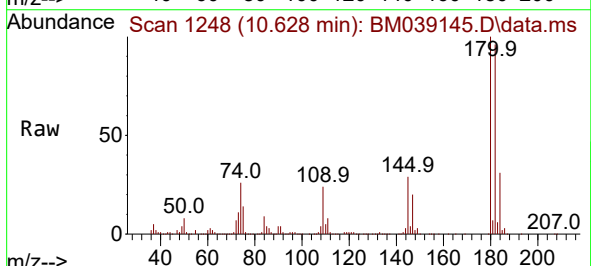
Tgt Ion:162 Resp: 789124
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 35.5 17.5 57.5

Manual Integrations
APPROVED

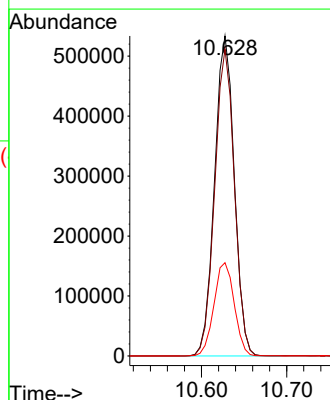
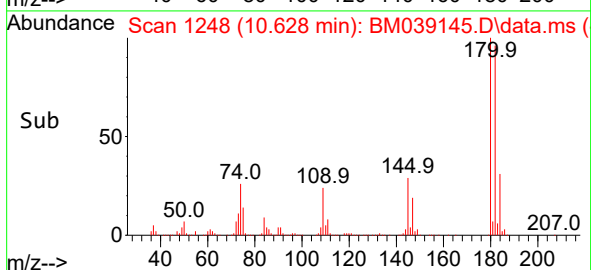
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

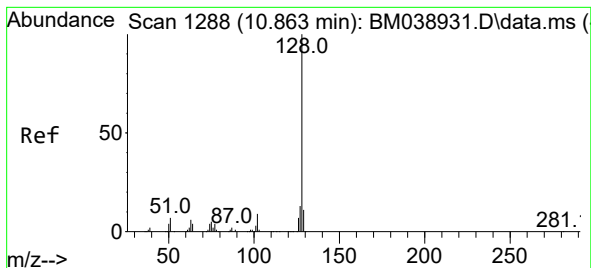


#30
1,2,4-Trichlorobenzene
Concen: 46.804 ng
RT: 10.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



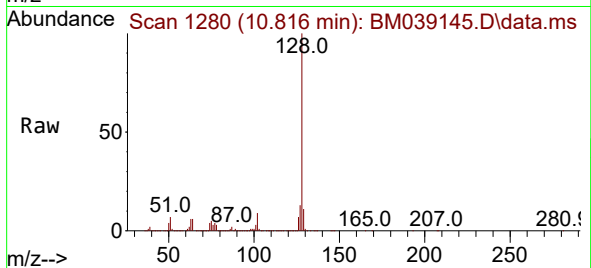
Tgt Ion:180 Resp: 858432
Ion Ratio Lower Upper
180 100
182 95.9 76.3 114.5
145 29.1 25.0 37.4





#31
Naphthalene
Concen: 43.857 ng
RT: 10.816 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

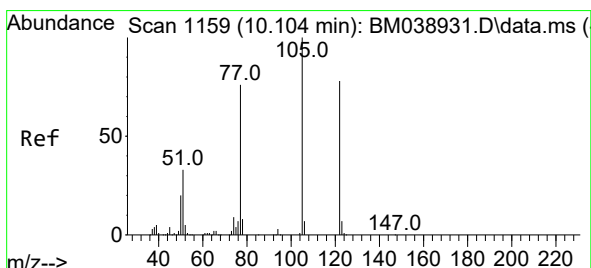
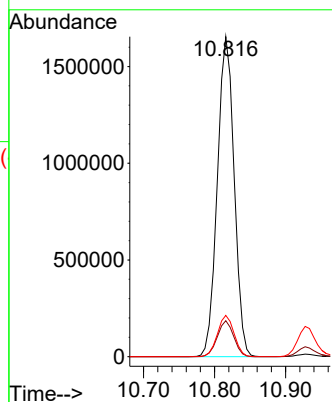
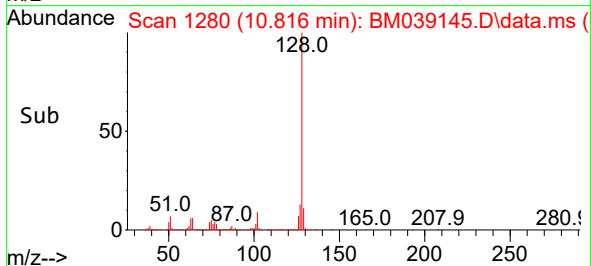
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:128 Resp: 271217
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.9 10.2 15.4

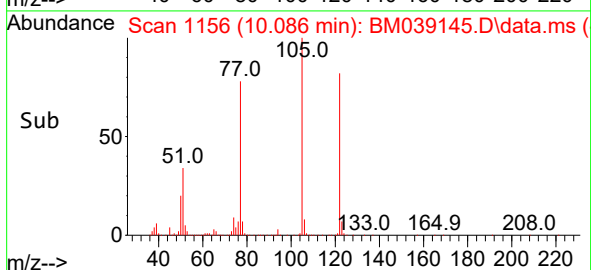
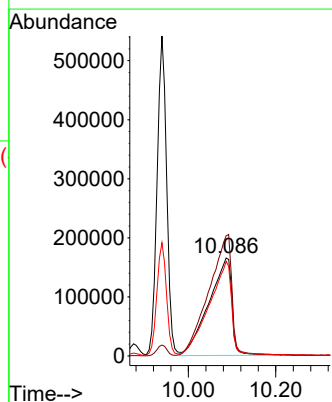
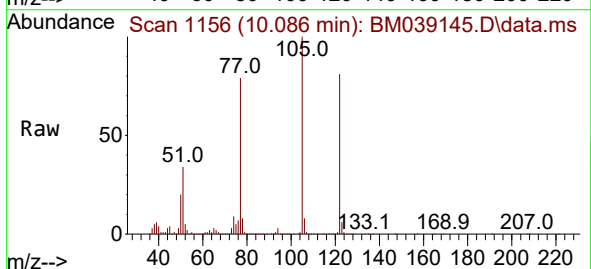
Manual Integrations
APPROVED

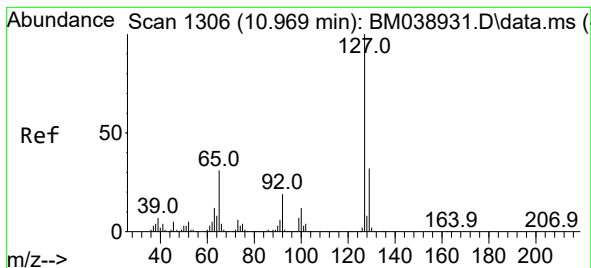
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#32
Benzoic acid
Concen: 46.822 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

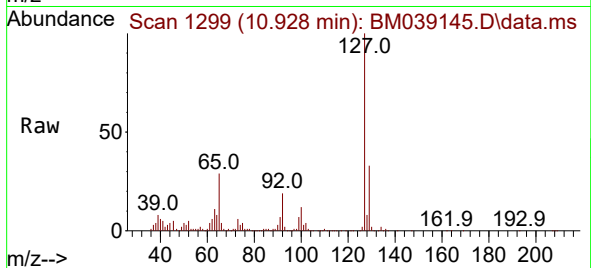
Tgt Ion:122 Resp: 606089
Ion Ratio Lower Upper
122 100
105 122.8 104.2 144.2
77 96.6 75.1 115.1





#33
4-Chloroaniline
Concen: 10.763 ng
RT: 10.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

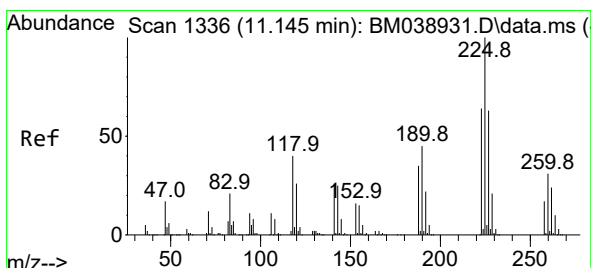
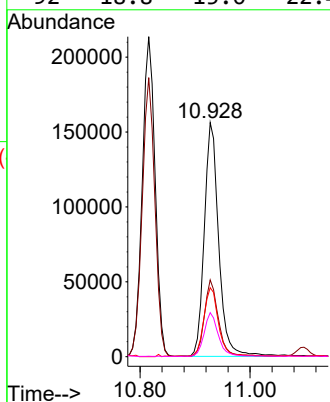
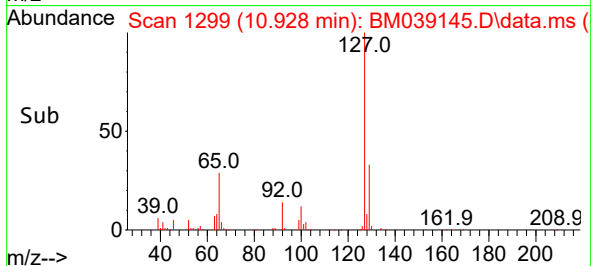
Instrument :
BNA_M
ClientSampleId :
R-PITMS



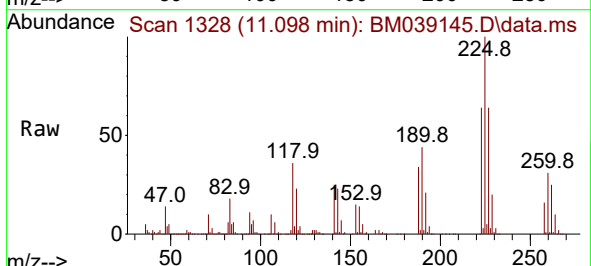
Tgt Ion:127 Resp: 28365
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2
65 29.4 24.4 36.6
92 18.8 15.0 22.4

Manual Integrations
APPROVED

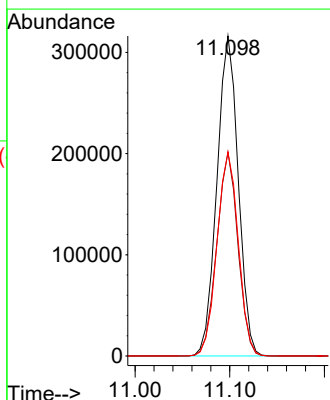
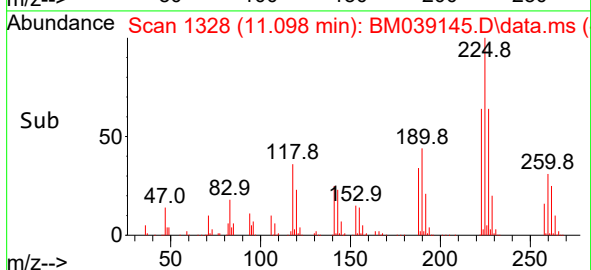
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

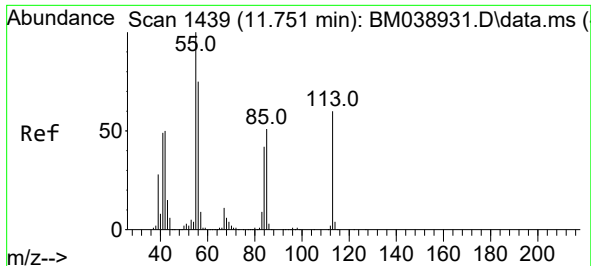


#34
Hexachlorobutadiene
Concen: 47.018 ng
RT: 11.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



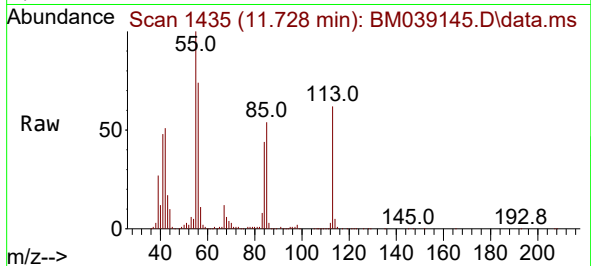
Tgt Ion:225 Resp: 494526
Ion Ratio Lower Upper
225 100
223 63.7 51.3 76.9
227 63.7 50.6 76.0





#35
Caprolactam
Concen: 45.638 ng
RT: 11.728 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

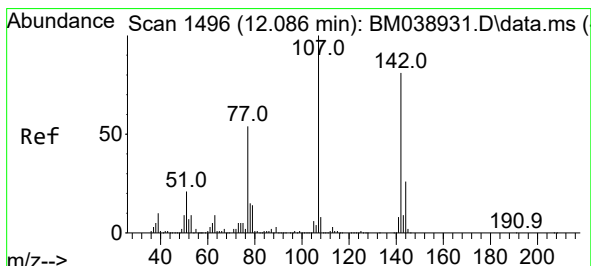
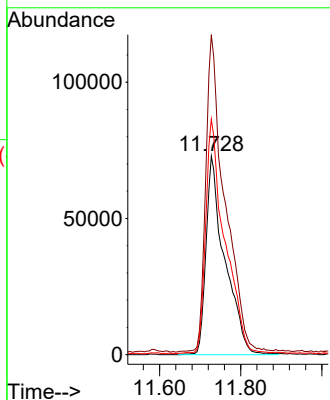
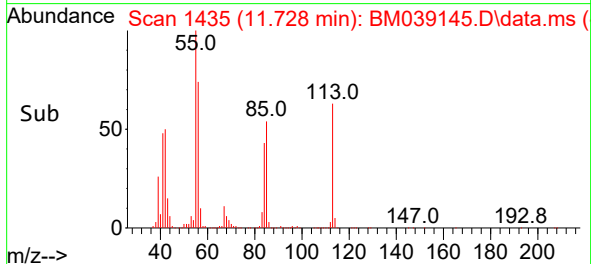
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:113 Resp: 233130
Ion Ratio Lower Upper
113 100
55 161.2 147.0 187.0
56 118.7 105.1 145.1

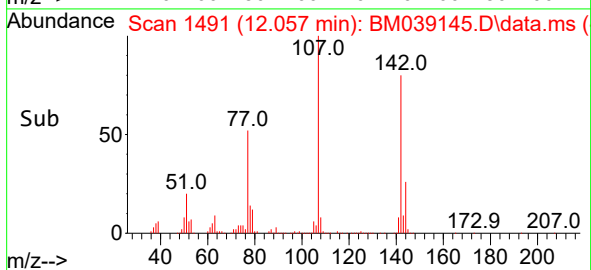
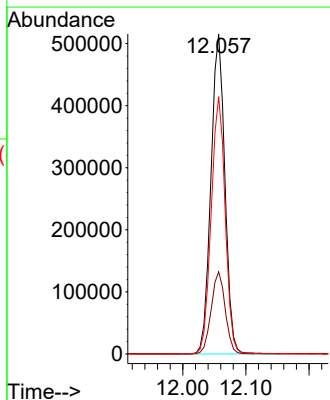
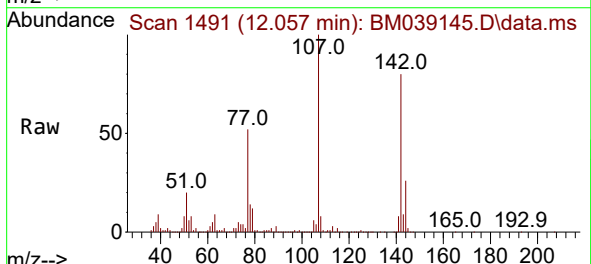
Manual Integrations
APPROVED

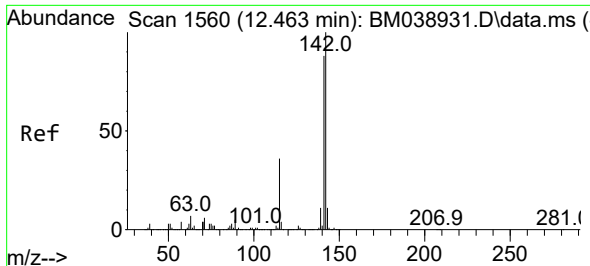
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#36
4-Chloro-3-methylphenol
Concen: 44.310 ng
RT: 12.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

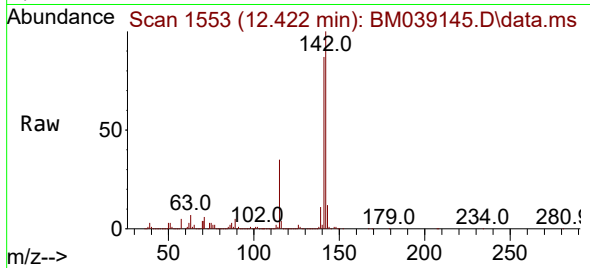
Tgt Ion:107 Resp: 791916
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 80.4 64.6 97.0





#37
2-Methylnaphthalene
Concen: 42.328 ng
RT: 12.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

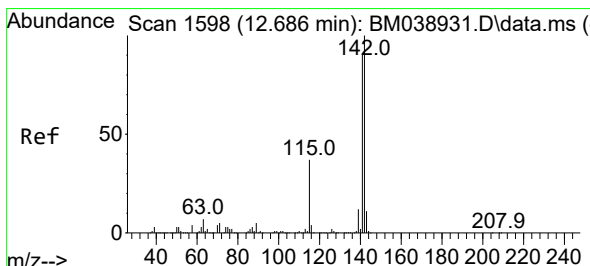
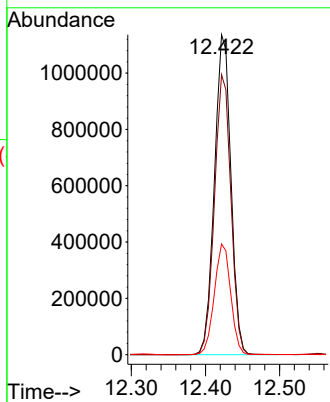
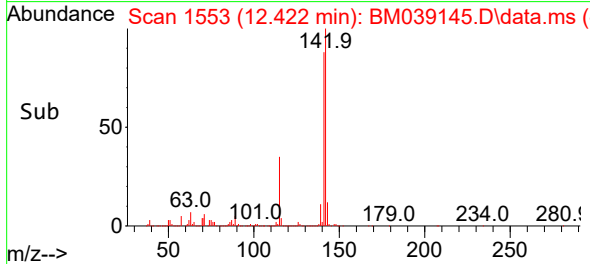
Instrument :
BNA_M
ClientSampleId :
R-PITMS



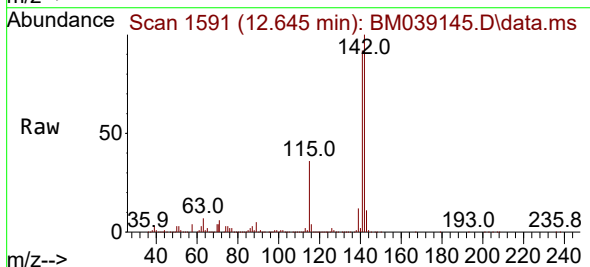
Tgt Ion:142 Resp: 1754460
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0
115 34.6 28.5 42.7

Manual Integrations
APPROVED

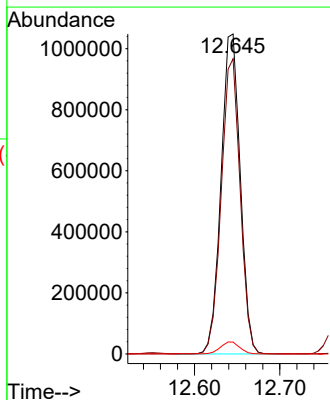
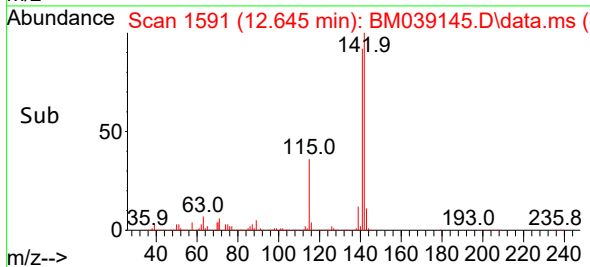
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

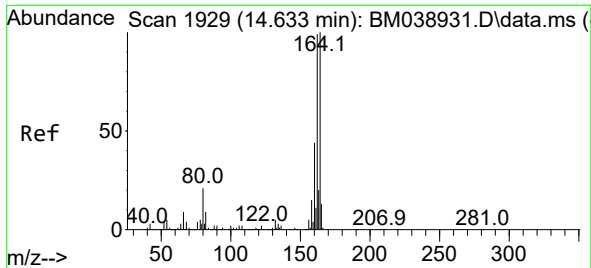


#38
1-Methylnaphthalene
Concen: 42.171 ng
RT: 12.645 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



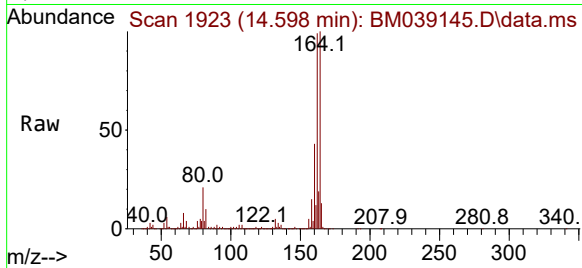
Tgt Ion:142 Resp: 1638049
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

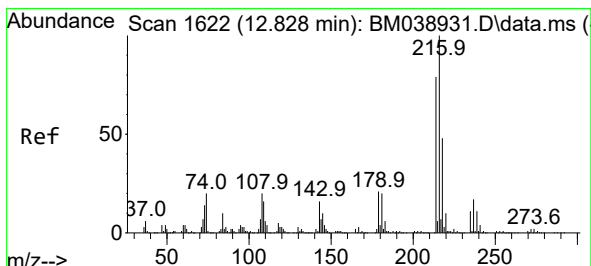
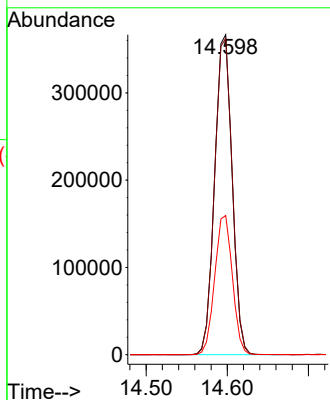
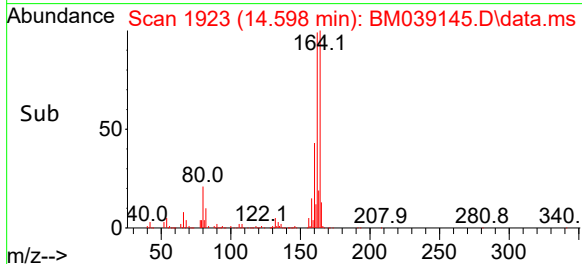
Instrument :
BNA_M
ClientSampleId :
R-PITMS



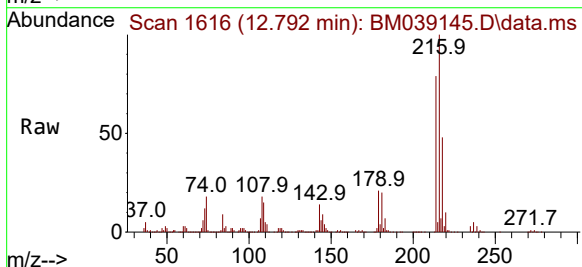
Tgt Ion:164 Resp: 548352
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 43.5 35.5 53.3

Manual Integrations
APPROVED

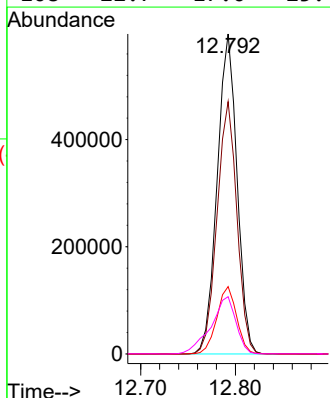
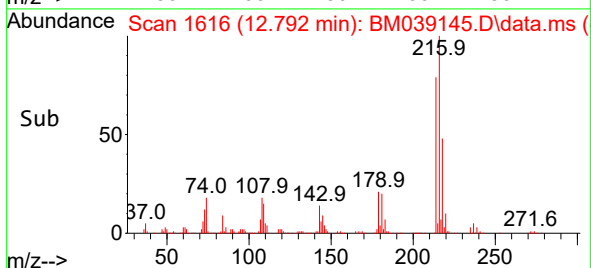
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

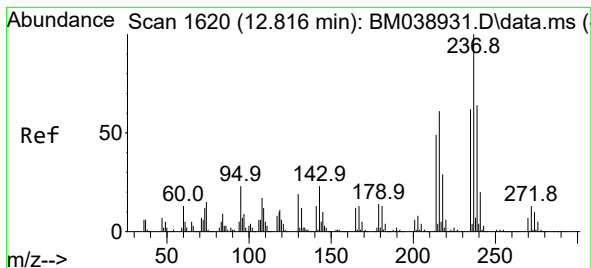


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.788 ng
RT: 12.792 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



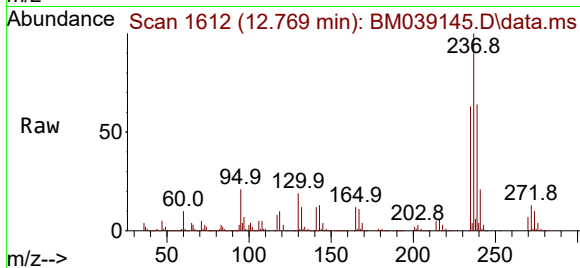
Tgt Ion:216 Resp: 869720
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 21.0 16.8 25.2
108 22.7 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 121.266 ng
RT: 12.769 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

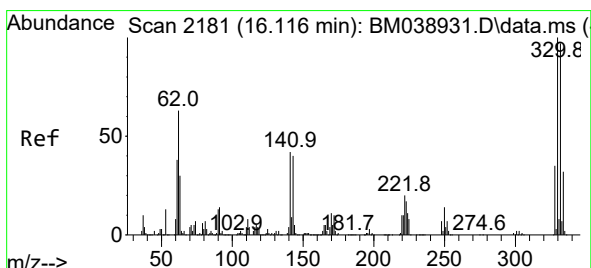
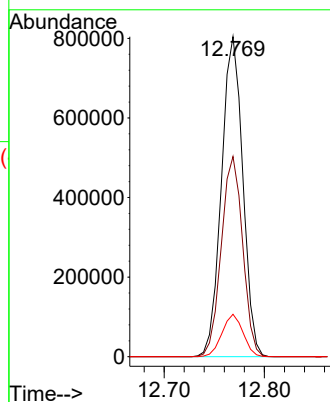
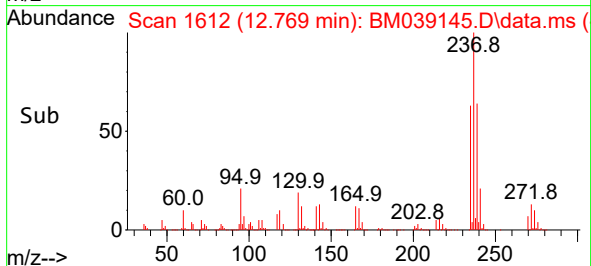
Instrument :
BNA_M
ClientSampleId :
R-PITMS



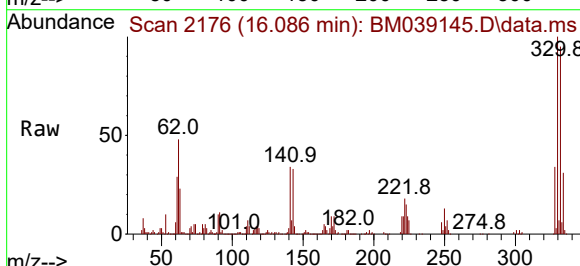
Tgt Ion:237 Resp: 1186610
Ion Ratio Lower Upper
237 100
235 62.6 41.7 81.7
272 13.3 0.0 33.2

Manual Integrations
APPROVED

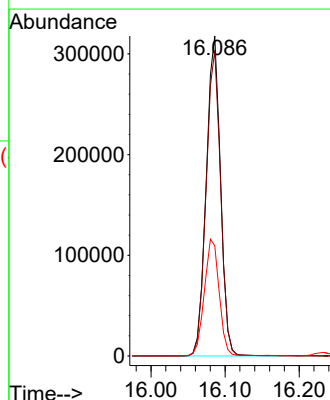
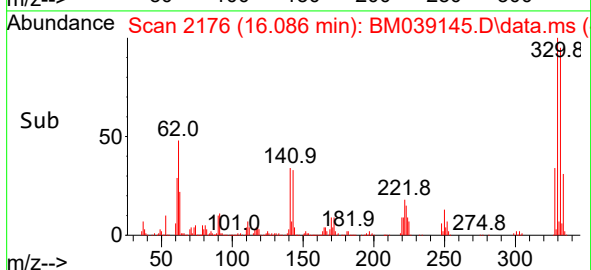
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

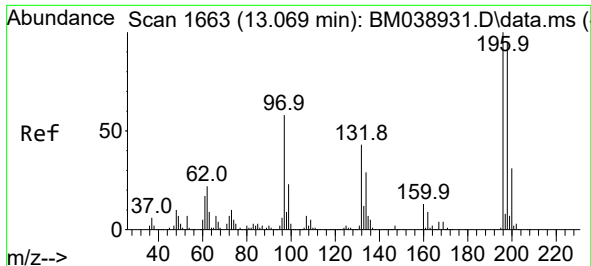


#42
2,4,6-Tribromophenol
Concen: 67.204 ng
RT: 16.086 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



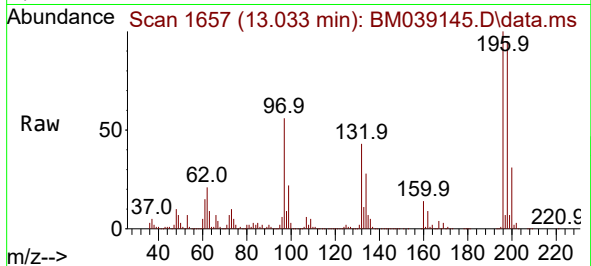
Tgt Ion:330 Resp: 426314
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.7 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 49.314 ng
RT: 13.033 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

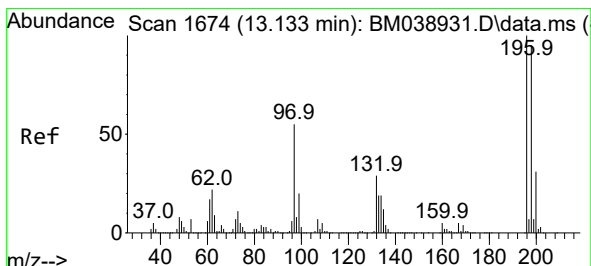
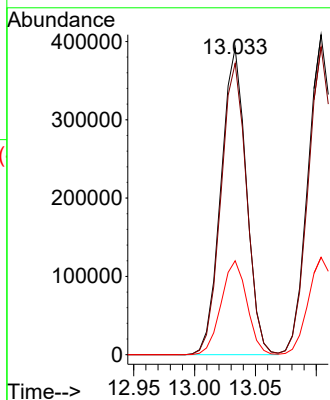
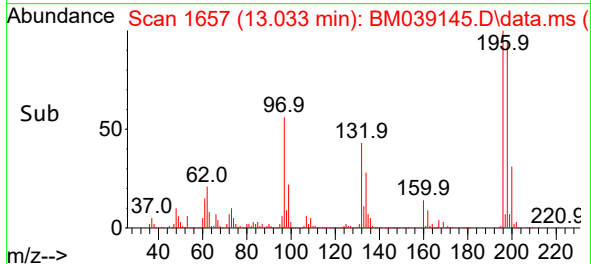
Instrument :
BNA_M
ClientSampleId :
R-PITMS



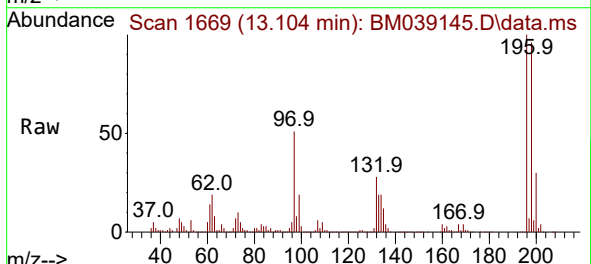
Tgt Ion:196 Resp: 569260
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.8
200 30.6 25.0 37.4

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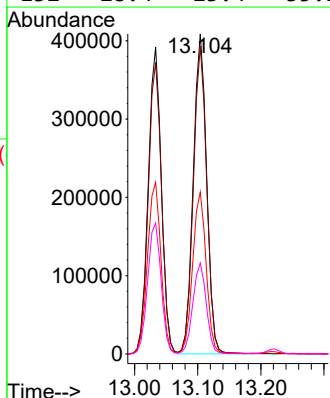
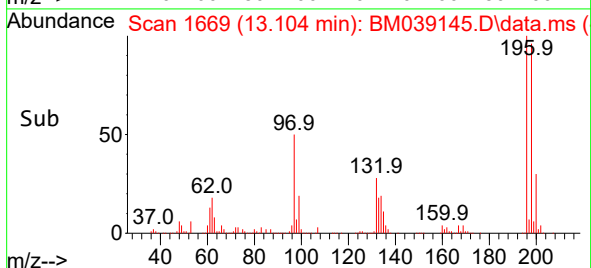
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

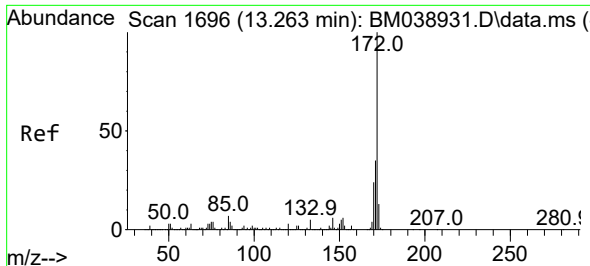


#44
2,4,5-Trichlorophenol
Concen: 44.555 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



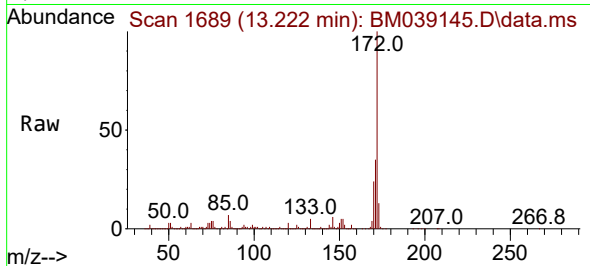
Tgt Ion:196 Resp: 602025
Ion Ratio Lower Upper
196 100
198 96.3 76.3 114.5
97 50.6 44.2 66.4
132 28.4 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 47.268 ng
RT: 13.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

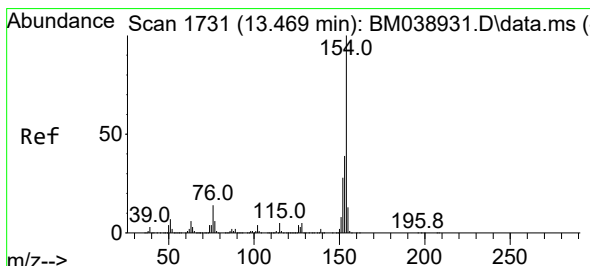
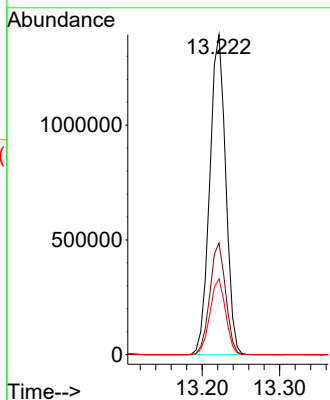
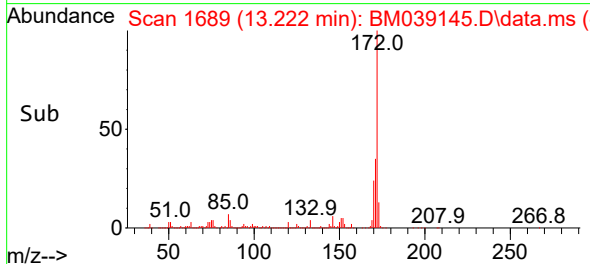
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:172 Resp: 1991052
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.7 19.1 28.7

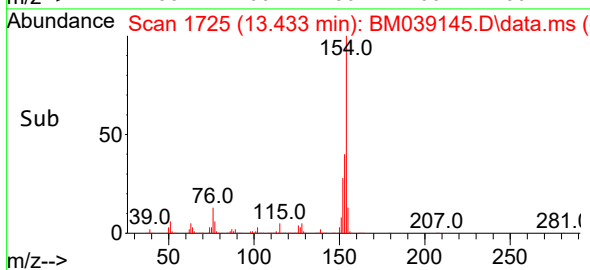
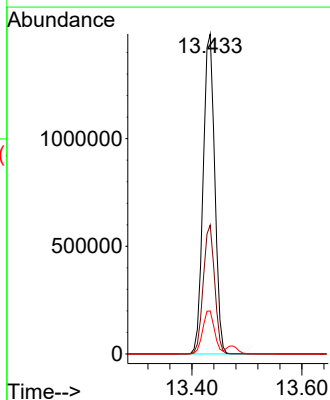
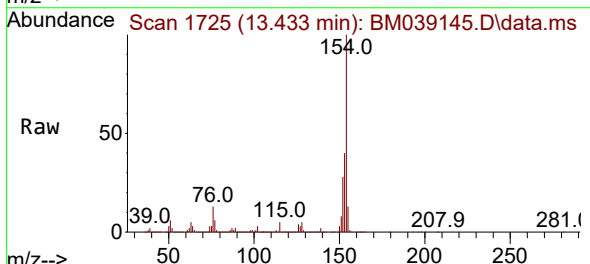
Manual Integrations
APPROVED

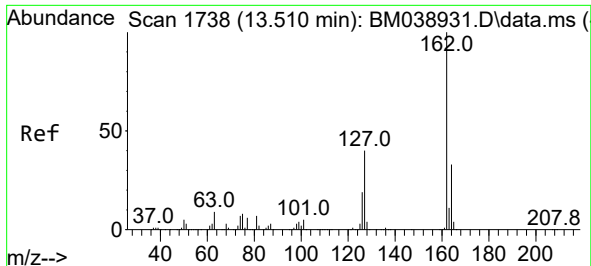
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#46
1,1'-Biphenyl
Concen: 46.676 ng
RT: 13.433 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

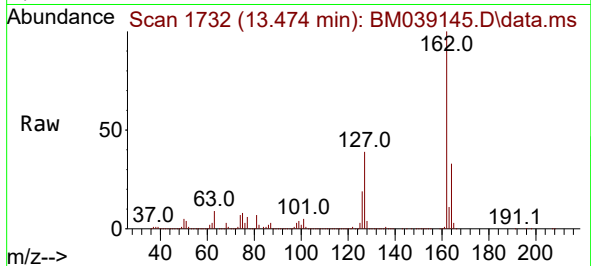
Tgt Ion:154 Resp: 2168346
Ion Ratio Lower Upper
154 100
153 40.3 19.3 59.3
76 13.5 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.336 ng
RT: 13.474 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

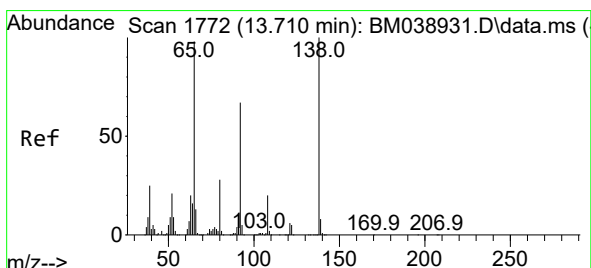
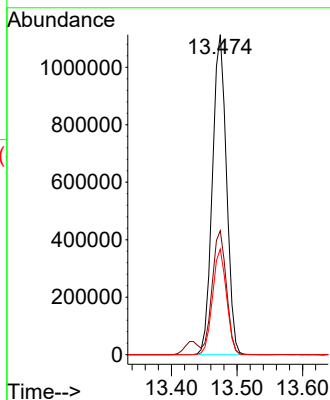
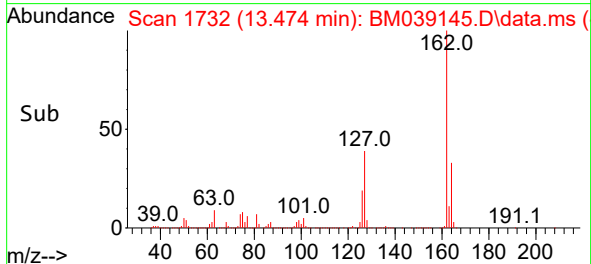
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:162 Resp: 165818
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 33.0 26.2 39.4

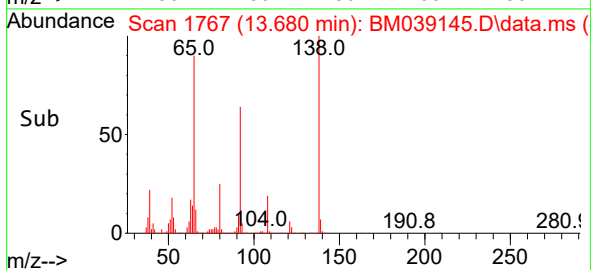
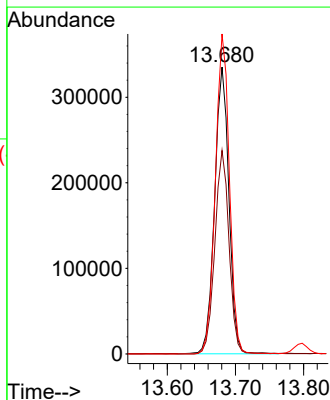
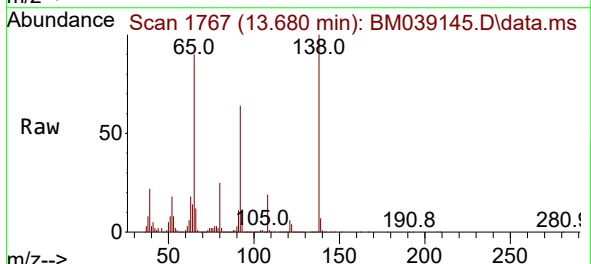
Manual Integrations
APPROVED

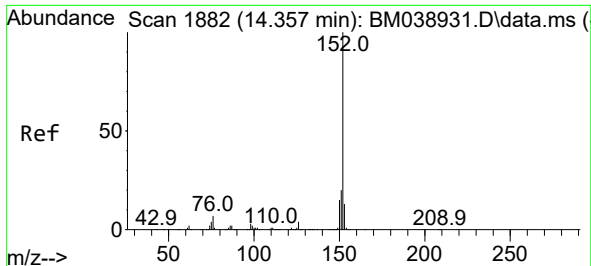
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#48
2-Nitroaniline
Concen: 43.750 ng
RT: 13.680 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

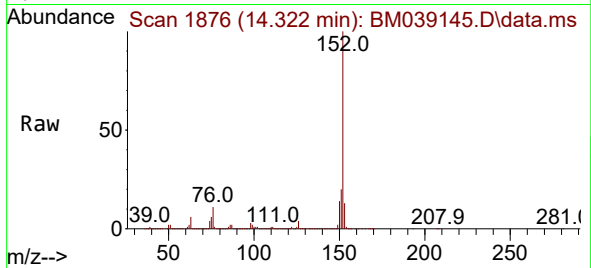
Tgt Ion: 65 Resp: 488383
Ion Ratio Lower Upper
65 100
92 70.9 54.9 82.3
138 111.6 81.6 122.4





#49
Acenaphthylene
Concen: 45.191 ng
RT: 14.322 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

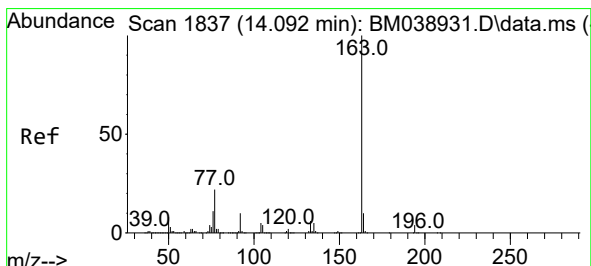
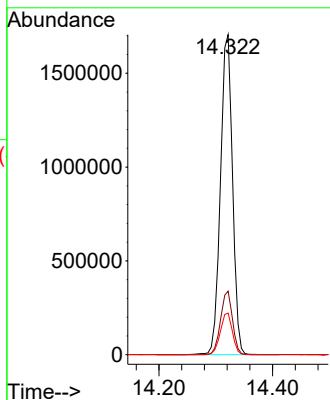
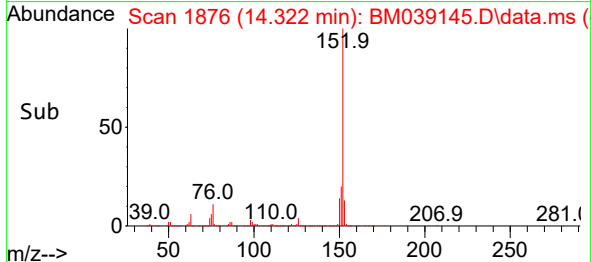
Instrument :
BNA_M
ClientSampleId :
R-PITMS



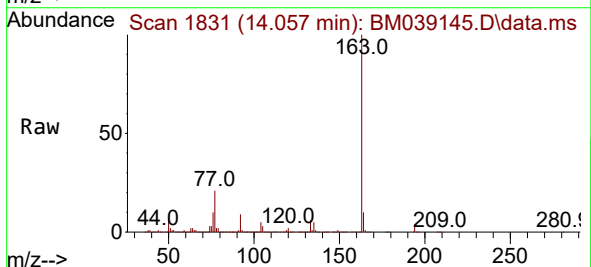
Tgt Ion:152 Resp: 2521604
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.4 15.6

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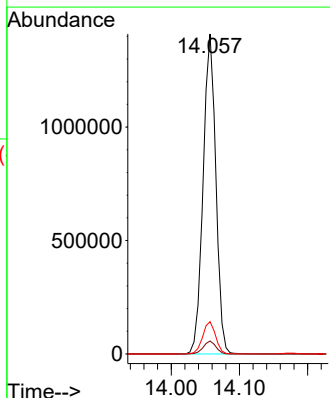
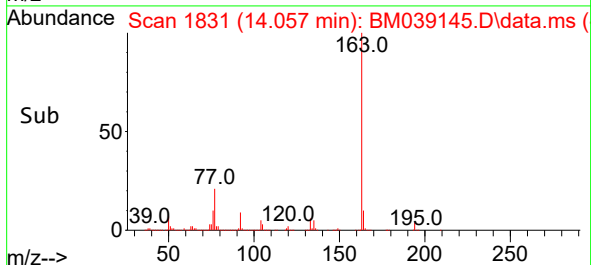
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

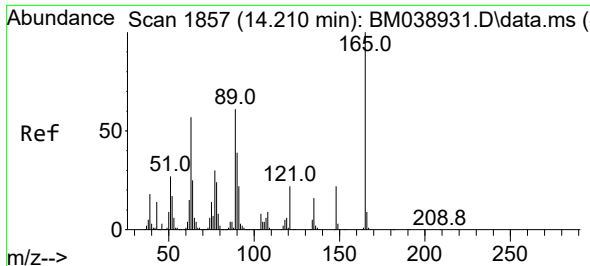


#50
Dimethylphthalate
Concen: 43.418 ng
RT: 14.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



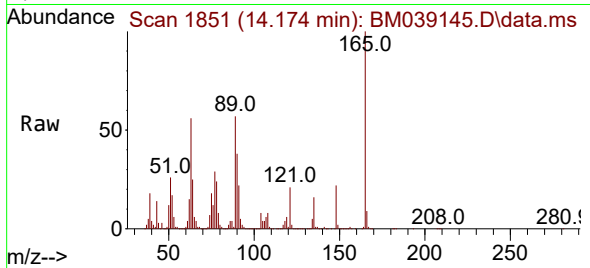
Tgt Ion:163 Resp: 1832009
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.561 ng
RT: 14.174 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

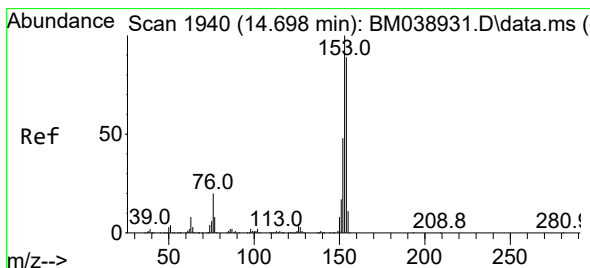
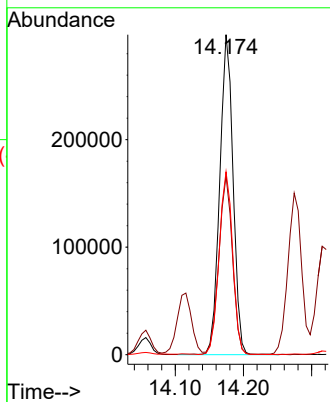
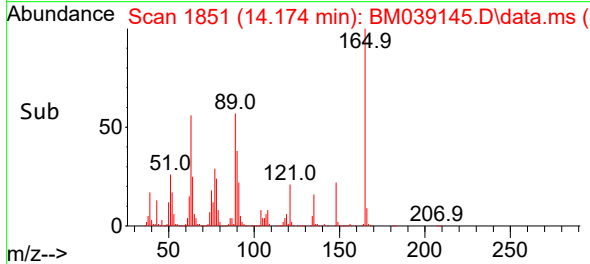
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:165 Resp: 405220
Ion Ratio Lower Upper
165 100
63 55.9 46.6 70.0
89 57.1 48.6 73.0

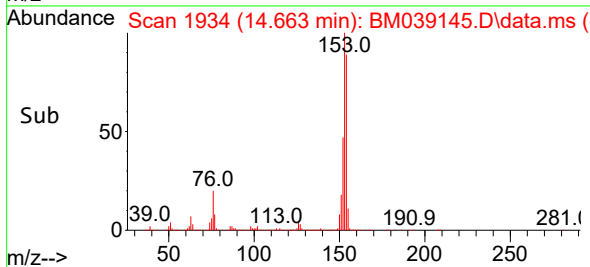
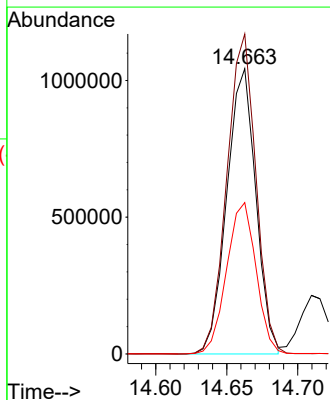
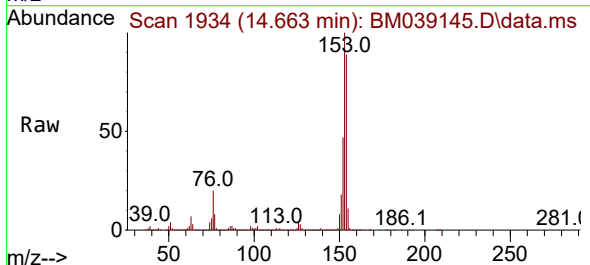
Manual Integrations
APPROVED

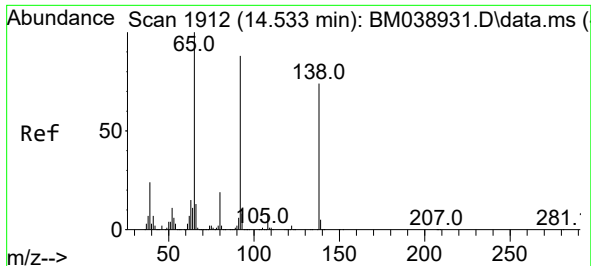
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#52
Acenaphthene
Concen: 43.303 ng
RT: 14.663 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

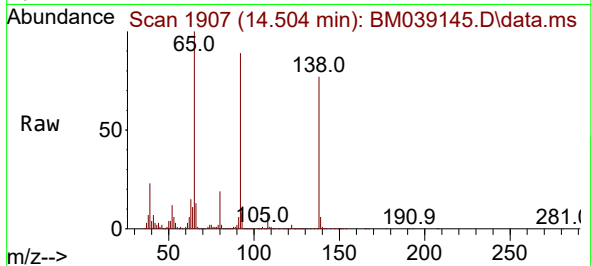
Tgt Ion:154 Resp: 1484937
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 53.0 43.4 65.2





#53
3-Nitroaniline
Concen: 24.638 ng
RT: 14.504 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

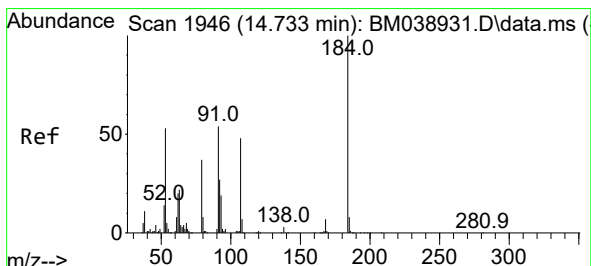
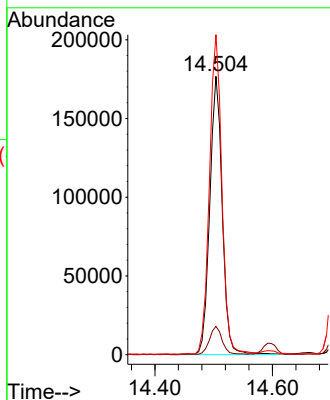
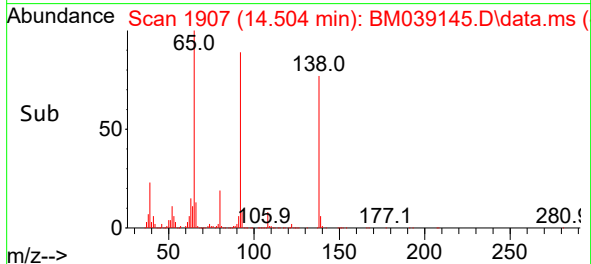
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:138 Resp: 26004
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 115.0 95.8 143.8

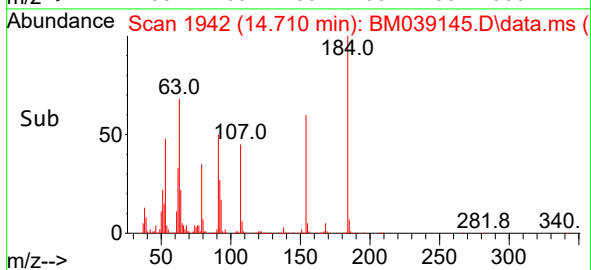
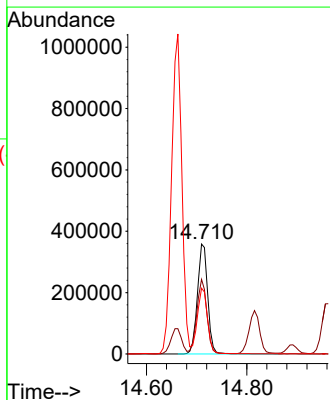
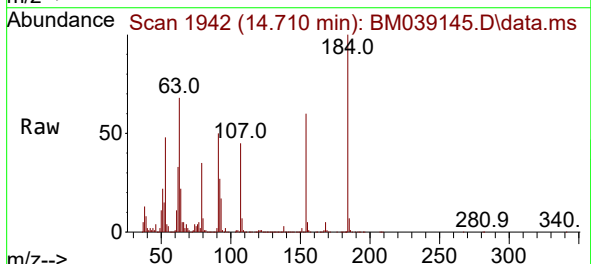
Manual Integrations
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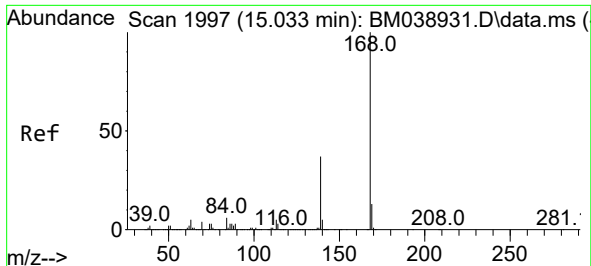
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#54
2,4-Dinitrophenol
Concen: 93.877 ng
RT: 14.710 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

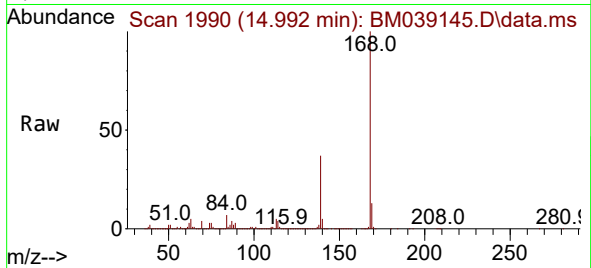
Tgt Ion:184 Resp: 508681
Ion Ratio Lower Upper
184 100
63 67.9 60.6 90.8
154 59.8 51.4 77.2





#55
Dibenzenofuran
Concen: 43.034 ng
RT: 14.992 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

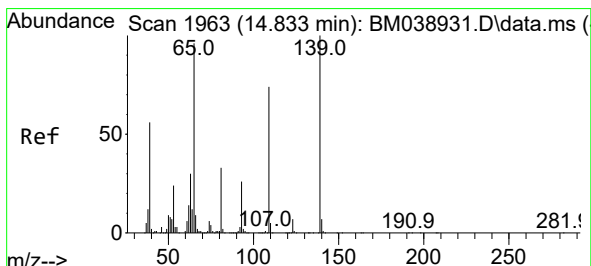
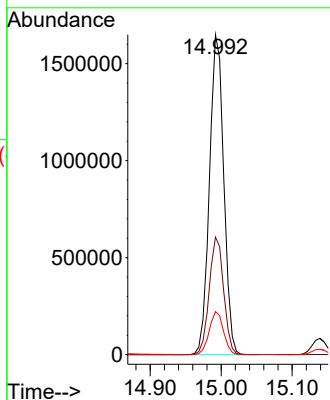
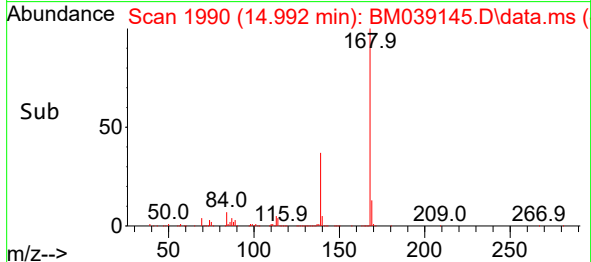
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:168 Resp: 2309270
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9
169 13.5 10.7 16.1

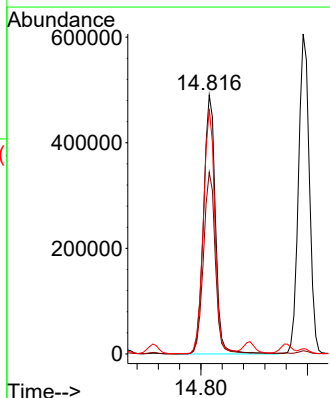
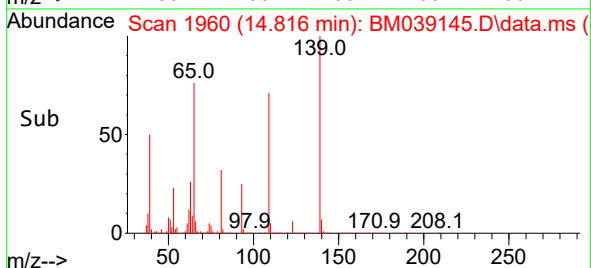
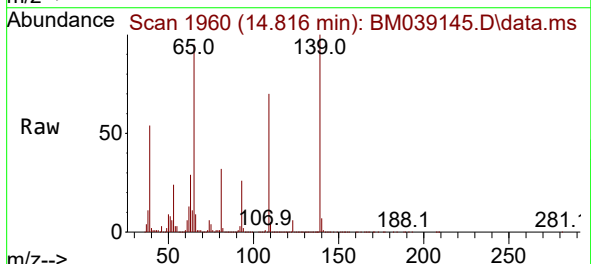
Manual Integrations
APPROVED

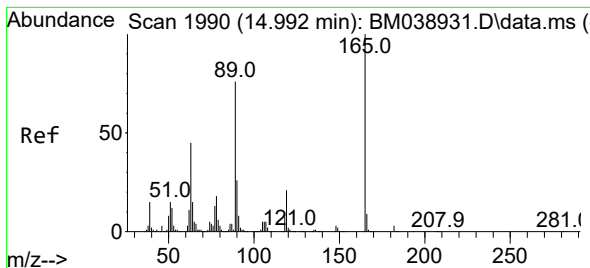
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#56
4-Nitrophenol
Concen: 90.042 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

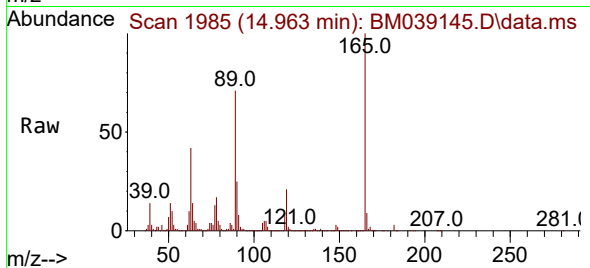
Tgt Ion:139 Resp: 754565
Ion Ratio Lower Upper
139 100
109 70.2 53.5 93.5
65 94.7 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 43.524 ng
RT: 14.963 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

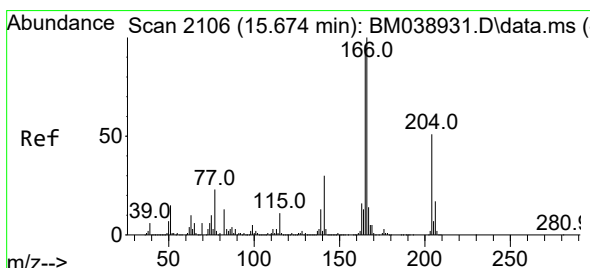
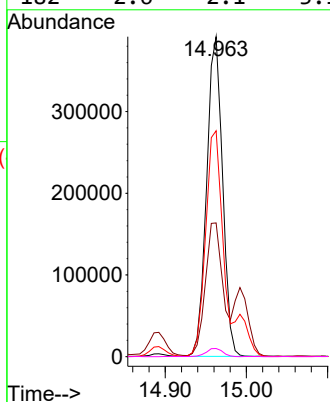
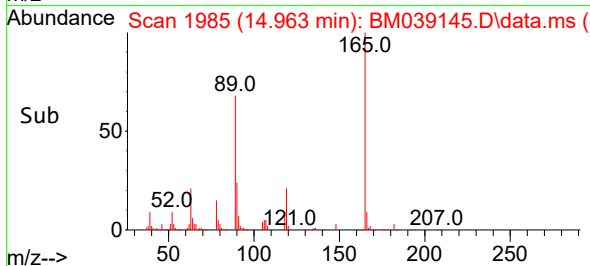
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:165 Resp: 532020
Ion Ratio Lower Upper
165 100
63 41.8 35.9 53.9
89 70.6 61.0 91.6
182 2.6 2.1 3.1

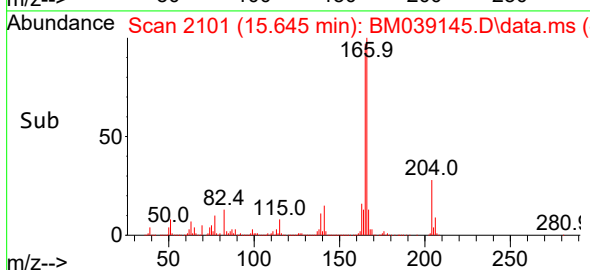
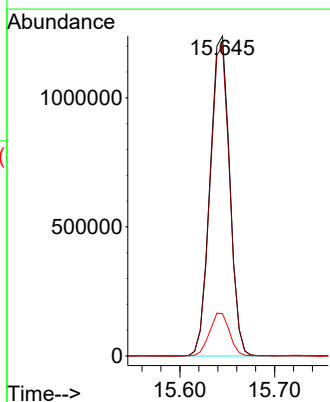
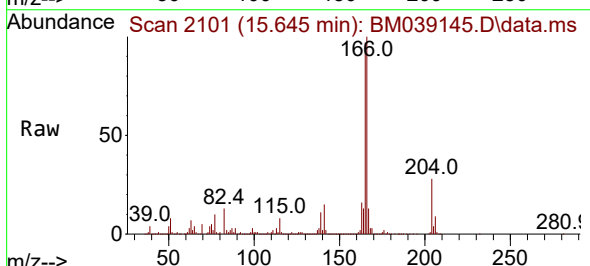
Manual Integrations
APPROVED

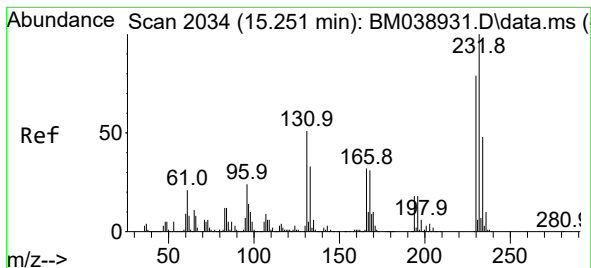
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#58
Fluorene
Concen: 42.438 ng
RT: 15.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

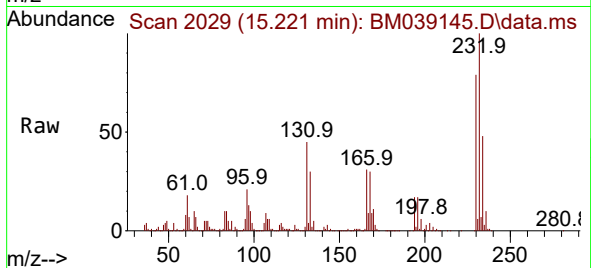
Tgt Ion:166 Resp: 1783838
Ion Ratio Lower Upper
166 100
165 97.1 77.1 115.7
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.553 ng
RT: 15.221 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

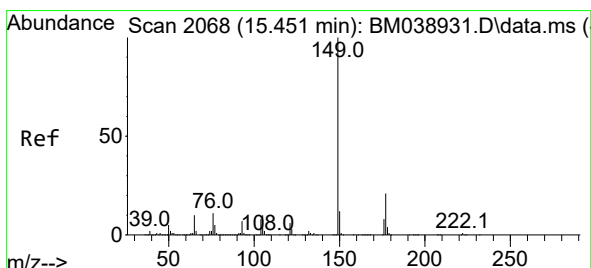
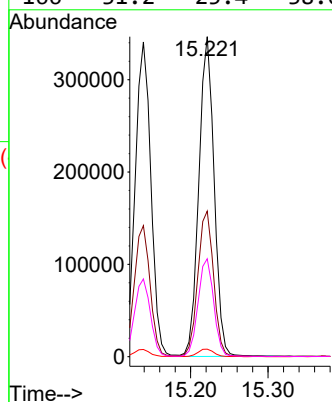
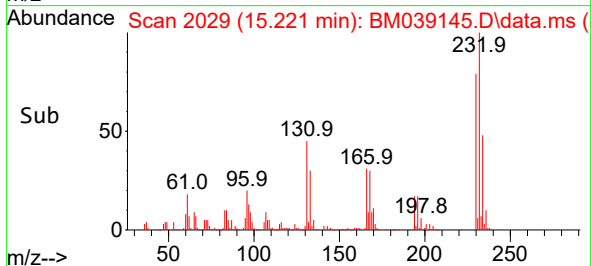
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:232 Resp: 474695
Ion Ratio Lower Upper
232 100
131 46.8 40.0 60.0
130 2.5 2.0 3.0
166 31.2 25.4 38.0

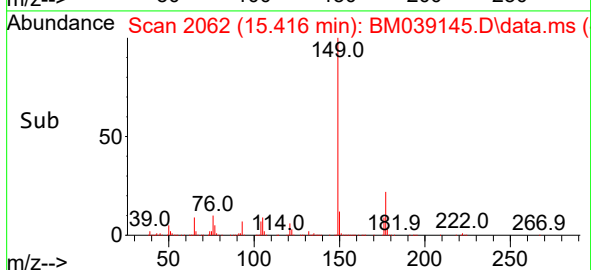
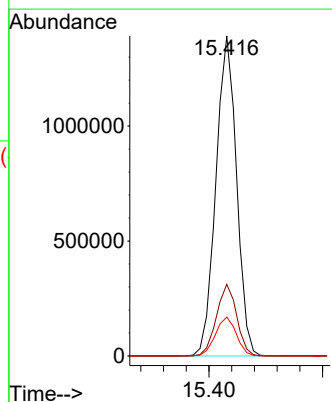
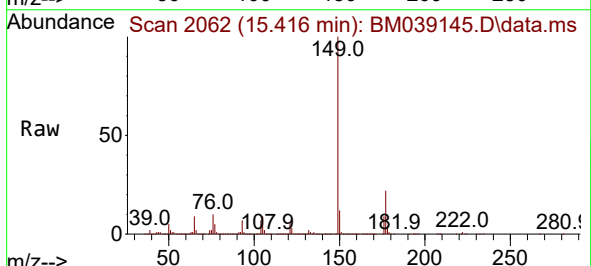
Manual Integrations
APPROVED

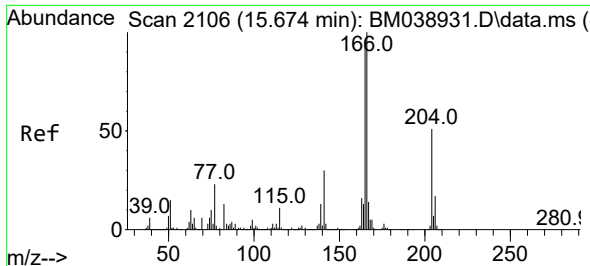
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#60
Diethylphthalate
Concen: 42.768 ng
RT: 15.416 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

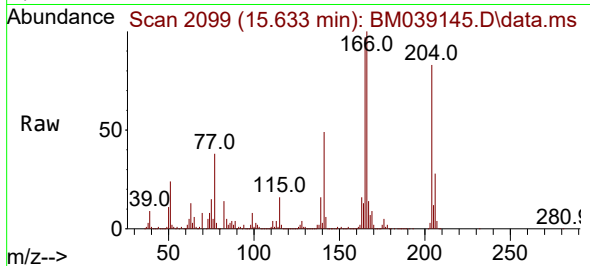
Tgt Ion:149 Resp: 1755896
Ion Ratio Lower Upper
149 100
177 22.4 17.1 25.7
150 12.2 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.410 ng
RT: 15.633 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

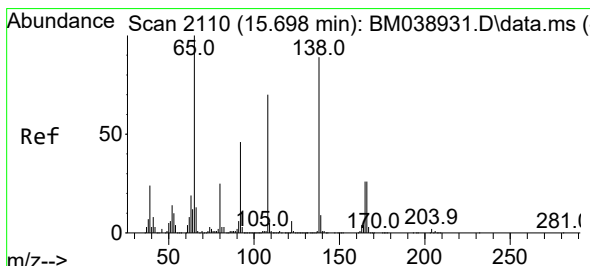
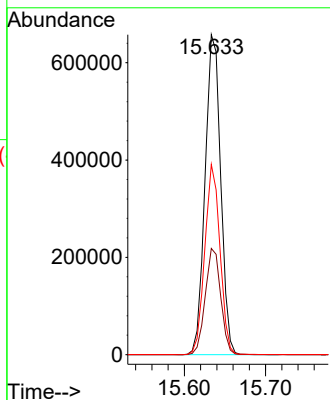
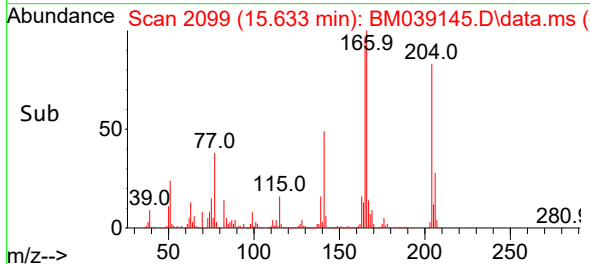
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:204 Resp: 875780
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.5 46.4 69.6

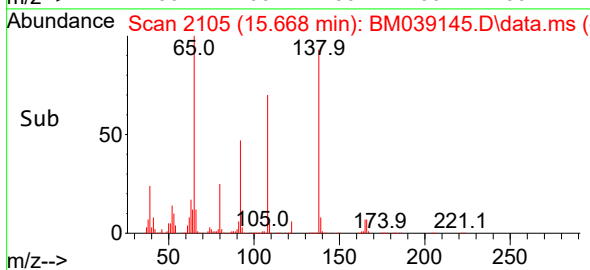
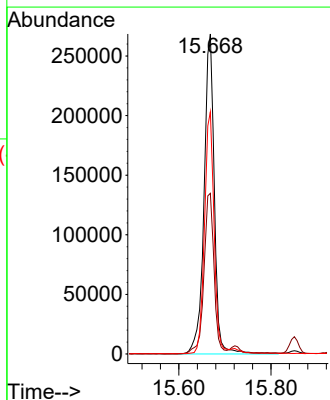
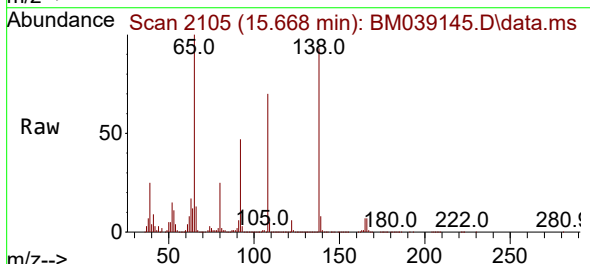
Manual Integrations
APPROVED

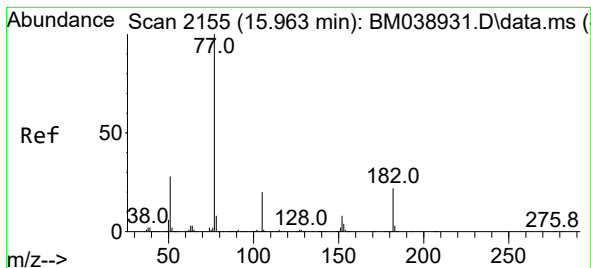
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#62
4-Nitroaniline
Concen: 38.261 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

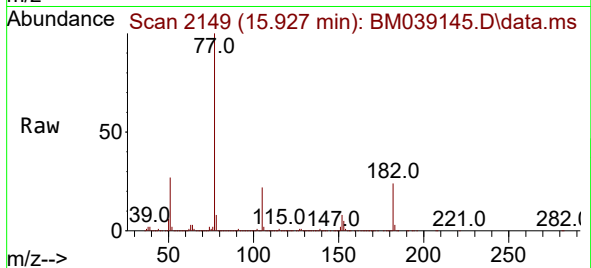
Tgt Ion:138 Resp: 420738
Ion Ratio Lower Upper
138 100
92 50.2 31.6 71.6
108 75.7 58.6 98.6





#63
Azobenzene
Concen: 43.580 ng
RT: 15.927 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

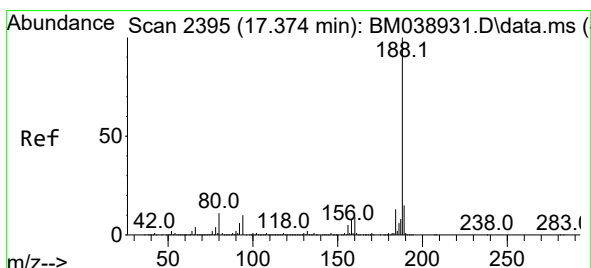
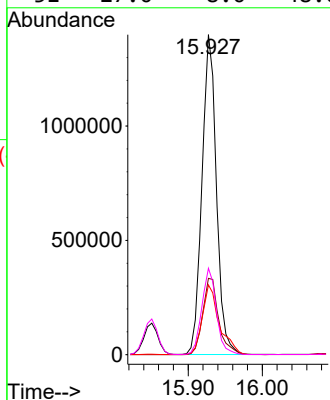
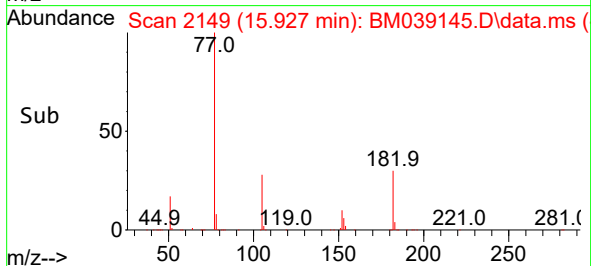
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion: 77 Resp: 1893210
Ion Ratio Lower Upper
77 100
182 23.8 2.0 42.0
105 21.8 0.4 40.4
51 27.0 8.0 48.0

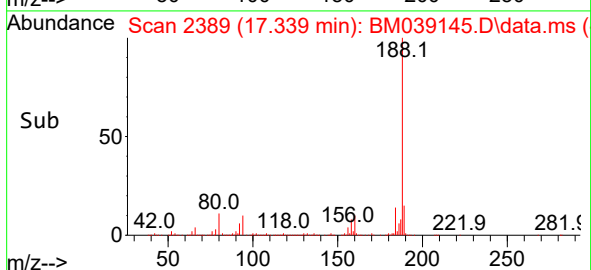
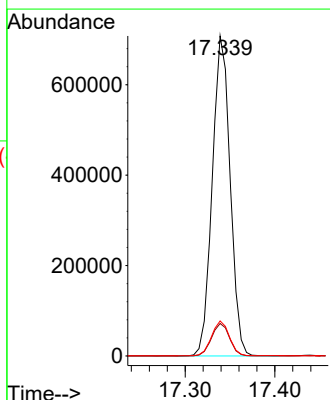
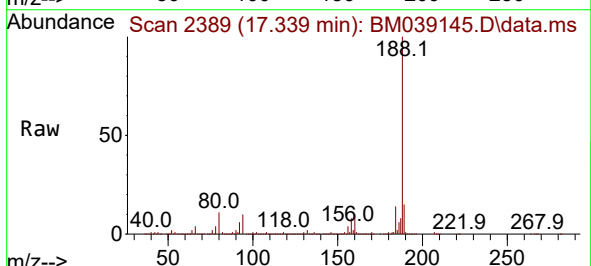
Manual Integrations
APPROVED

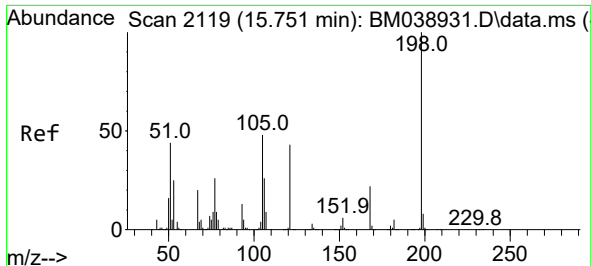
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

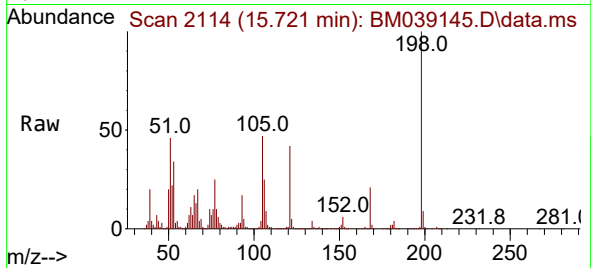
Tgt Ion:188 Resp: 979248
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.9 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 47.279 ng
RT: 15.721 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

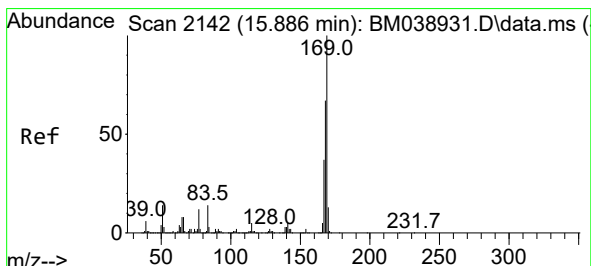
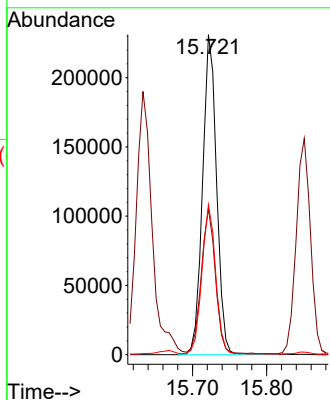
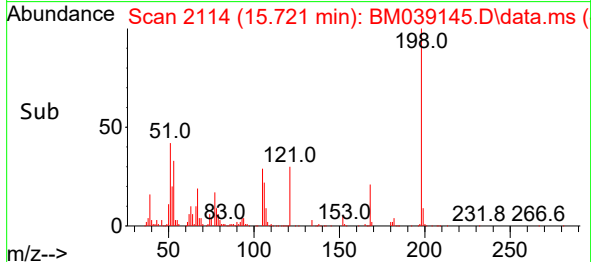
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:198 Resp: 303708
Ion Ratio Lower Upper
198 100
51 45.7 30.1 70.1
105 46.9 29.3 69.3

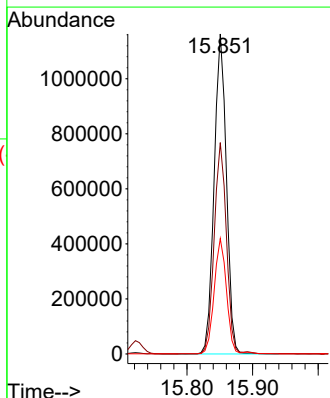
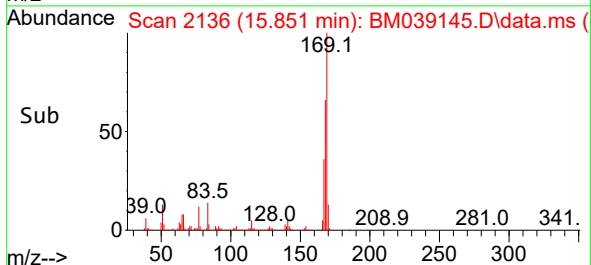
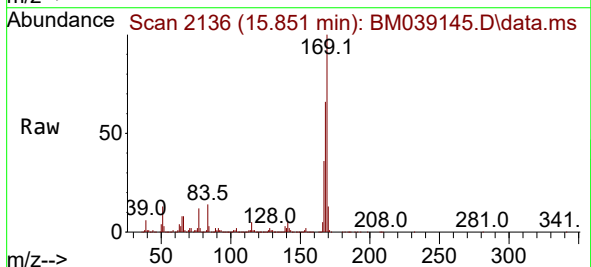
Manual Integrations
APPROVED

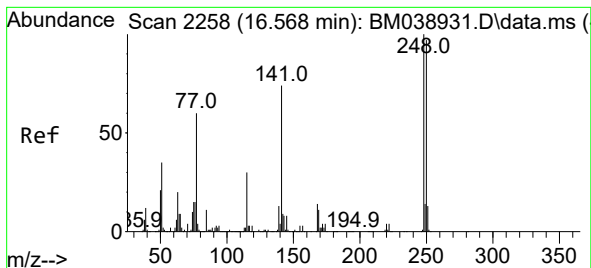
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.652 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

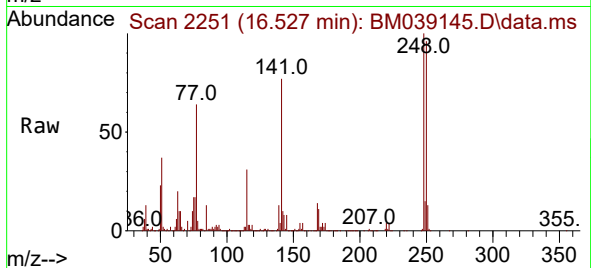
Tgt Ion:169 Resp: 1507096
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 47.622 ng
RT: 16.527 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

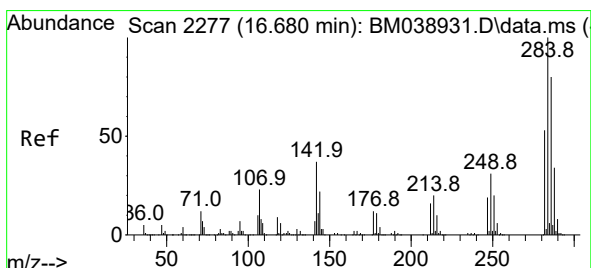
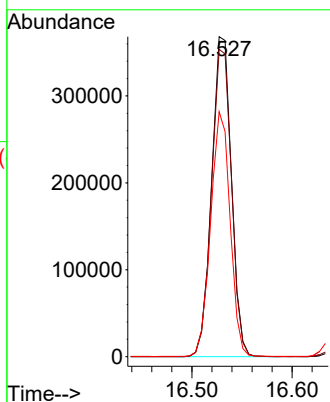
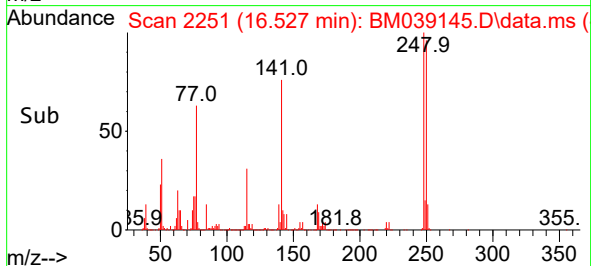
Instrument :
BNA_M
ClientSampleId :
R-PITMS



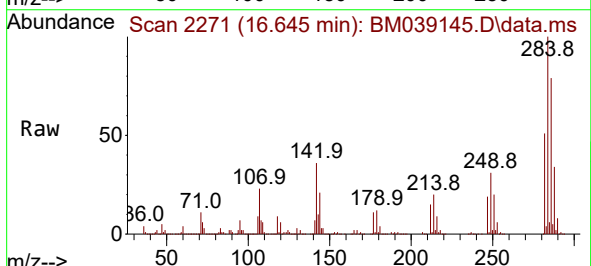
Tgt Ion:248 Resp: 503690
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.8
141 76.6 59.0 88.4

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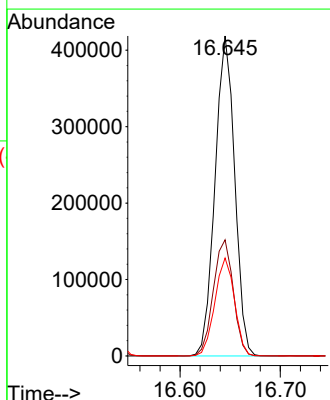
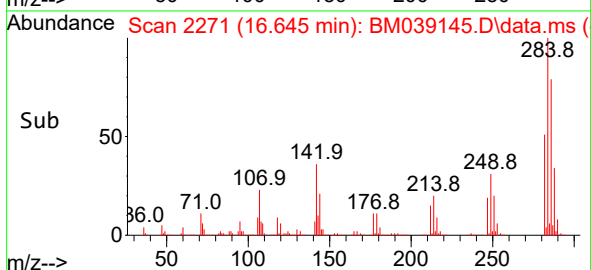
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

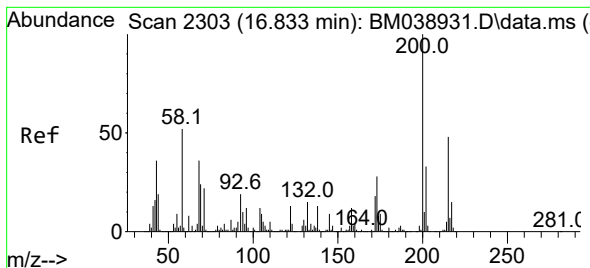


#68
Hexachlorobenzene
Concen: 48.139 ng
RT: 16.645 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



Tgt Ion:284 Resp: 569190
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 30.6 25.0 37.4





#69

Atrazine

Concen: 51.898 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039145.D

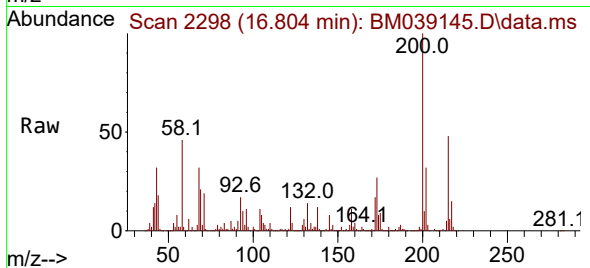
Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS



Tgt Ion:200 Resp: 467970

Ion Ratio Lower Upper

200 100

173 26.8 8.2 48.2

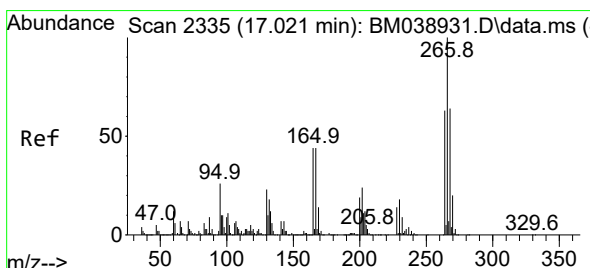
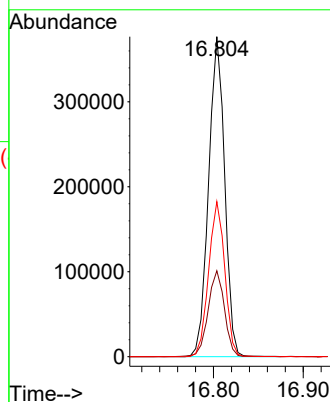
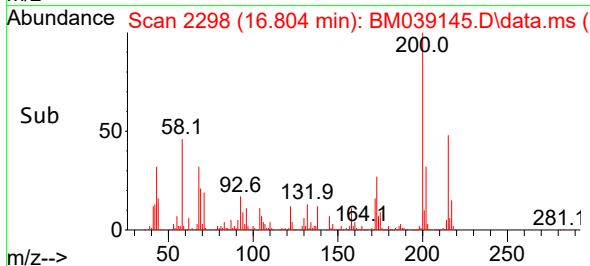
215 48.5 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#70

Pentachlorophenol

Concen: 83.674 ng

RT: 16.992 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

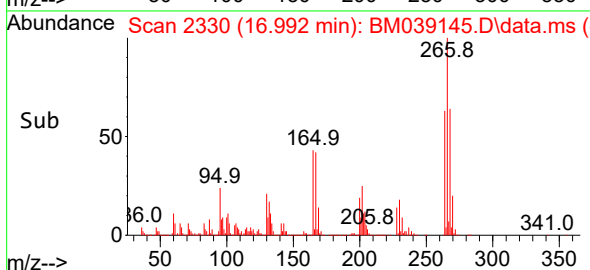
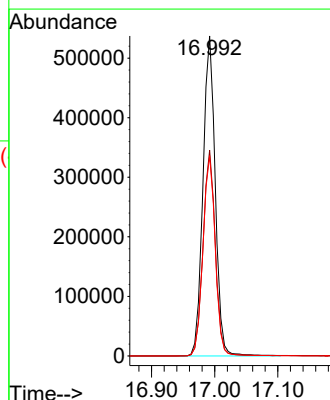
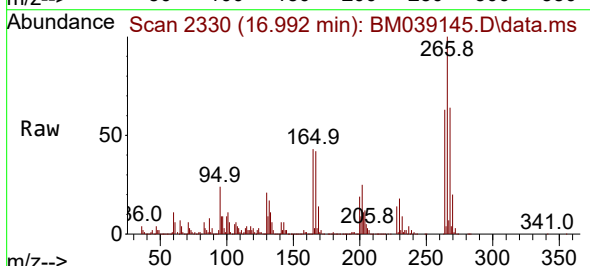
Tgt Ion:266 Resp: 727672

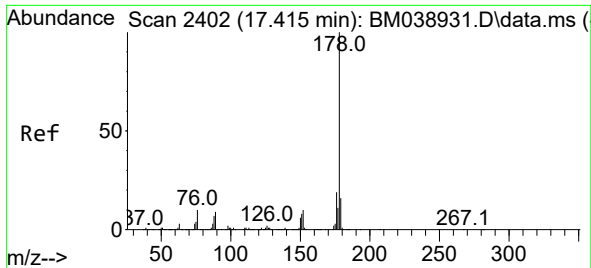
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.4

264 62.6 50.3 75.5





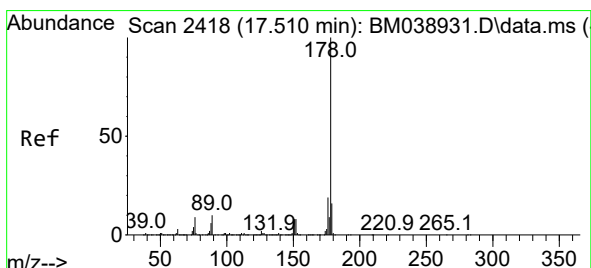
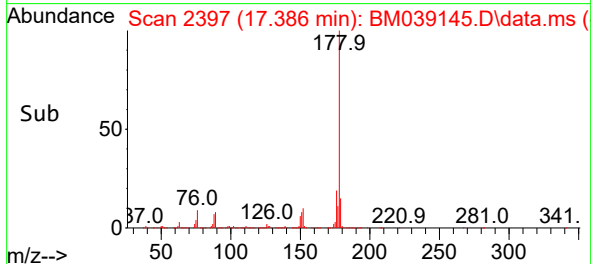
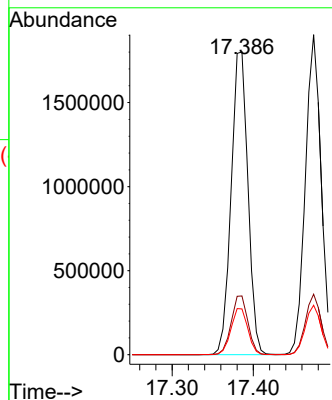
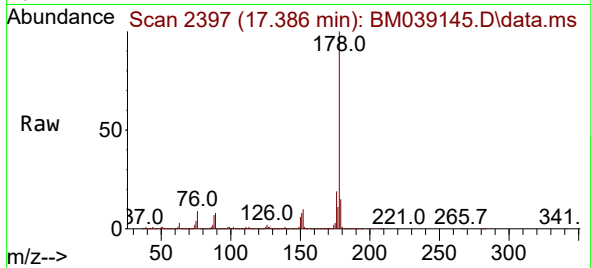
#71
Phenanthrene
Concen: 44.995 ng
RT: 17.386 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Instrument :
BNA_M
ClientSampleId :
R-PITMS

Tgt Ion:178 Resp: 2585980
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.1 12.5 18.7

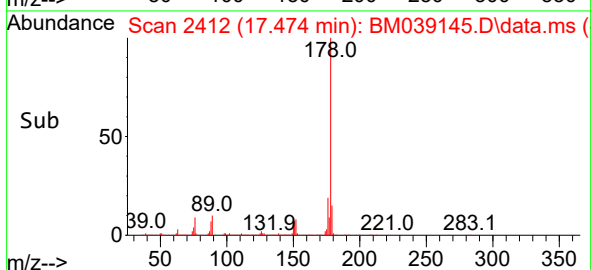
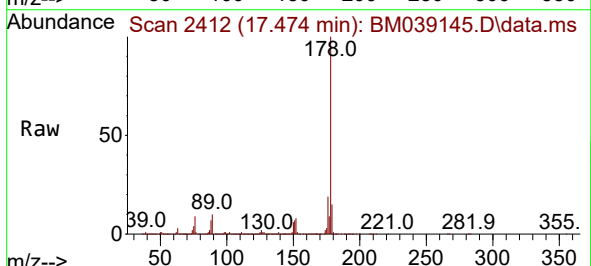
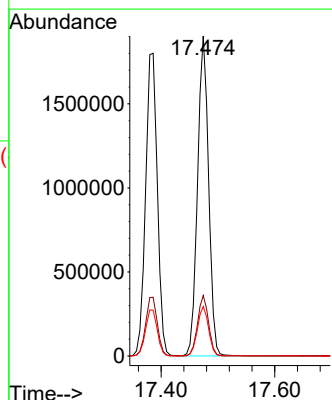
Manual Integrations
APPROVED

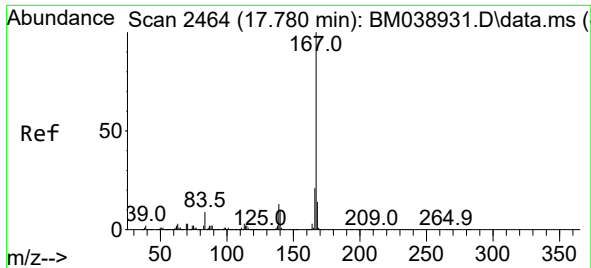
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#72
Anthracene
Concen: 45.010 ng
RT: 17.474 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

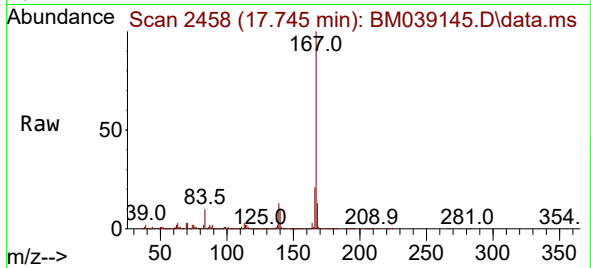
Tgt Ion:178 Resp: 2579737
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 44.571 ng
 RT: 17.745 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM039145.D
 Acq: 24 Mar 2023 17:13

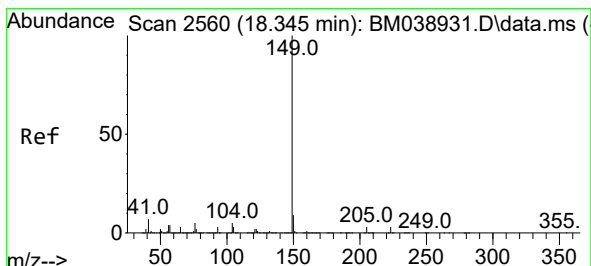
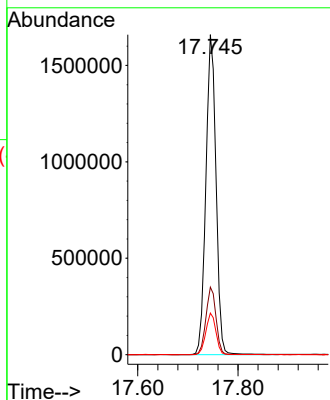
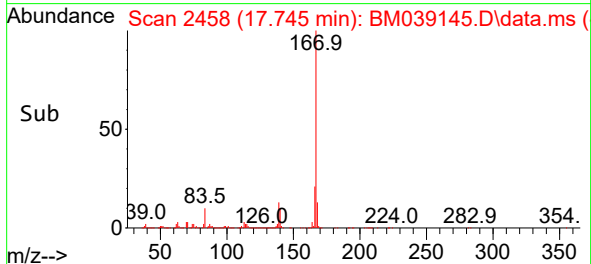
Instrument :
 BNA_M
 ClientSampleId :
 R-PITMS



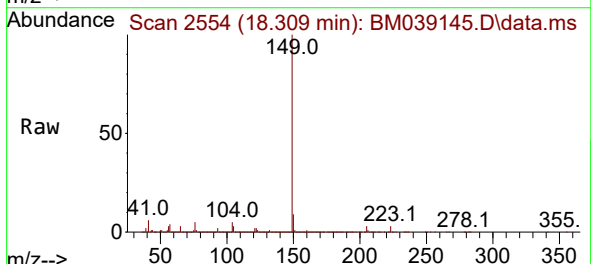
Tgt Ion:167 Resp: 2331478
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 13.0 10.3 15.5

Manual Integrations
 APPROVED

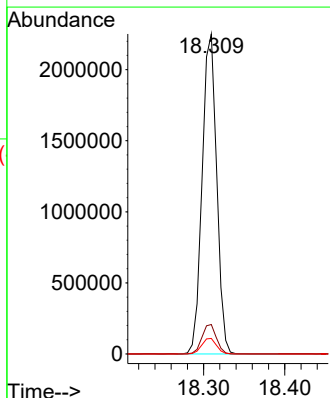
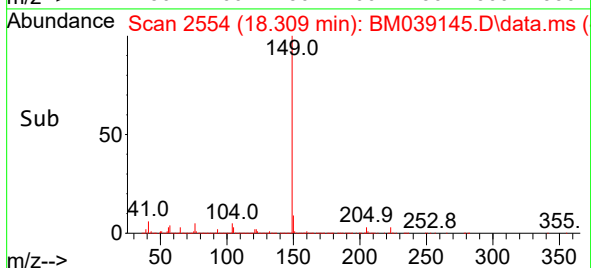
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

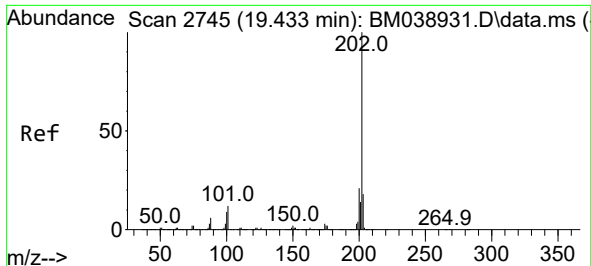


#74
 Di-n-butylphthalate
 Concen: 43.927 ng
 RT: 18.309 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BM039145.D
 Acq: 24 Mar 2023 17:13



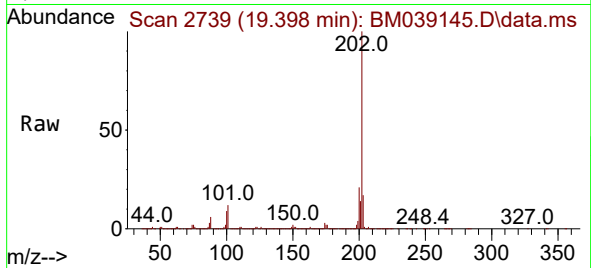
Tgt Ion:149 Resp: 2792469
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 43.099 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

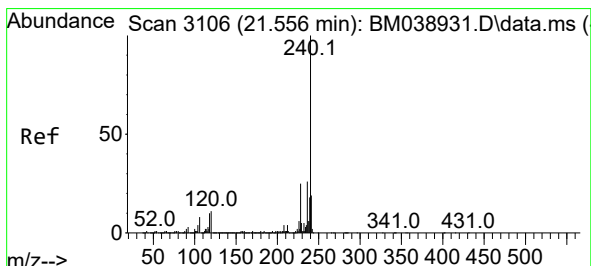
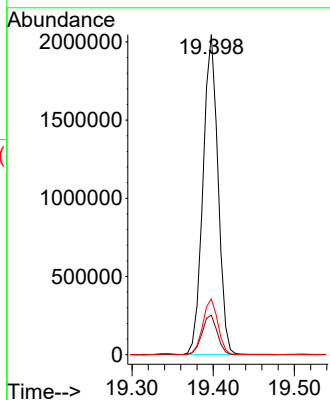
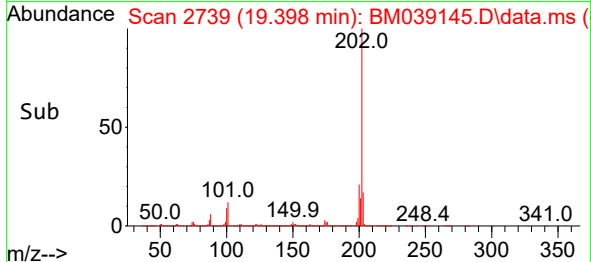
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:202 Resp: 261535
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.5 0.0 37.6

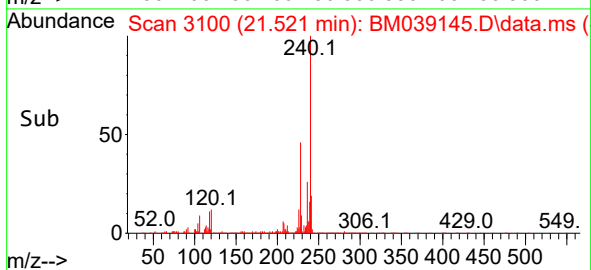
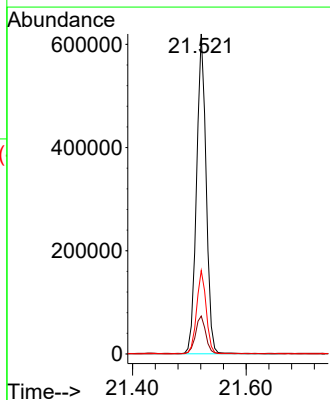
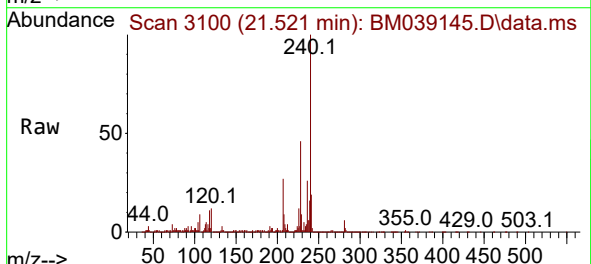
Manual Integrations
APPROVED

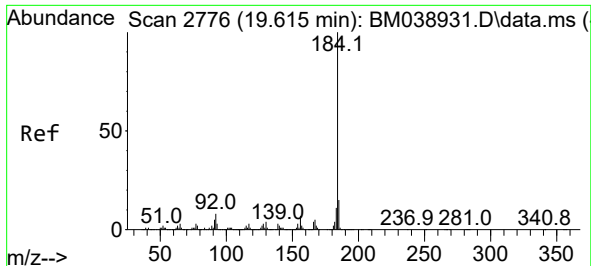
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

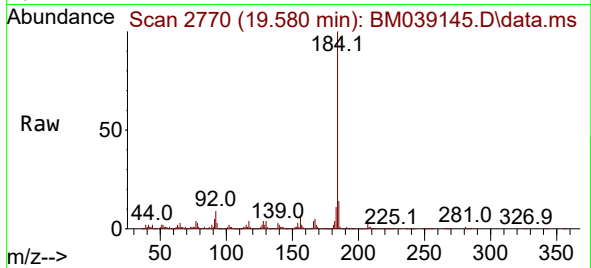
Tgt Ion:240 Resp: 730737
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.0 20.8 31.2





#77
Benzidine
Concen: 62.212 ng
RT: 19.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

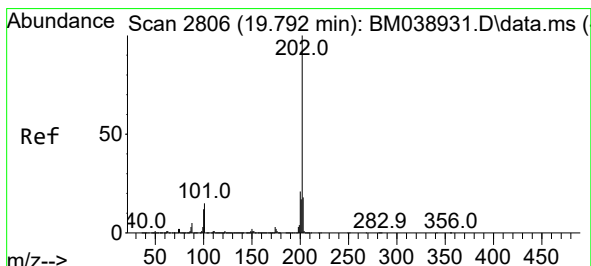
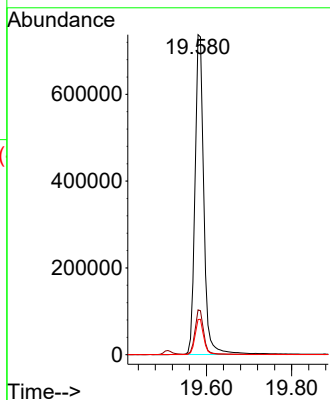
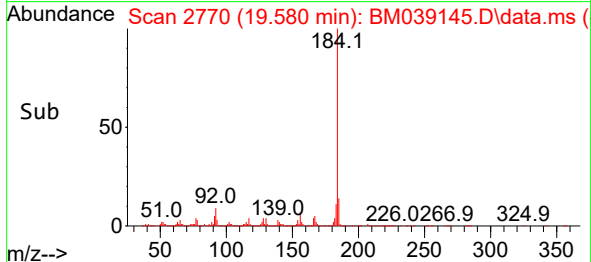
Instrument :
BNA_M
ClientSampleId :
R-PITMS



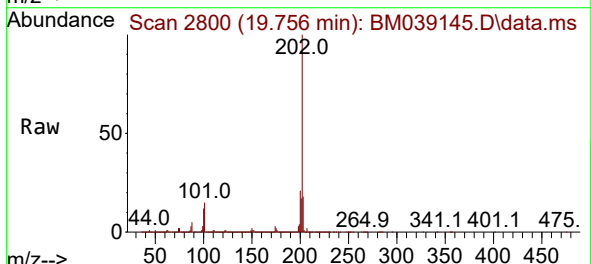
Tgt Ion:184 Resp: 106300
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.4
183 11.0 8.8 13.2

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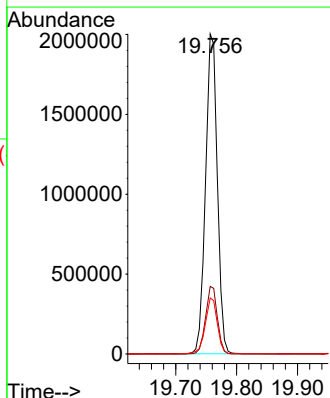
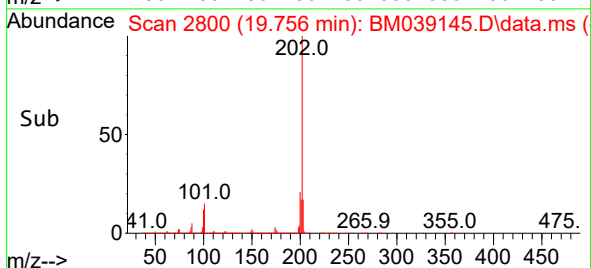
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

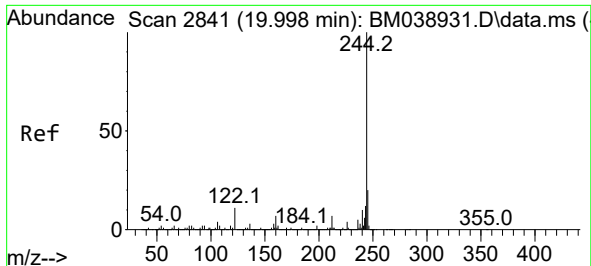


#78
Pyrene
Concen: 49.084 ng
RT: 19.756 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



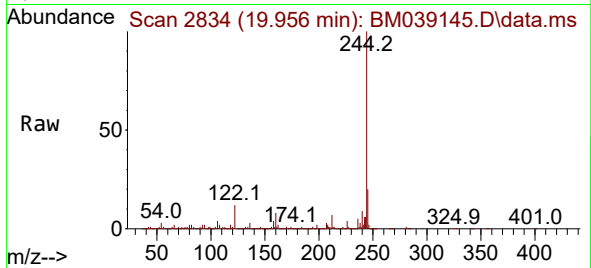
Tgt Ion:202 Resp: 2693919
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.5 14.1 21.1





#79
Terphenyl-d14
Concen: 48.860 ng
RT: 19.956 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

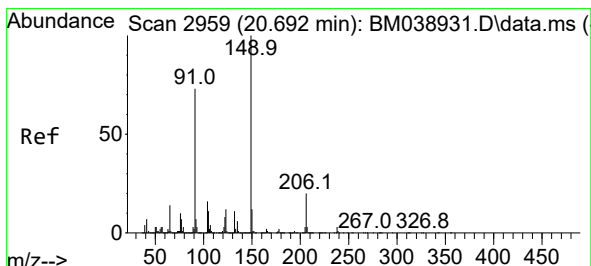
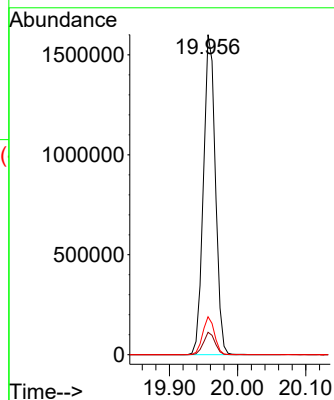
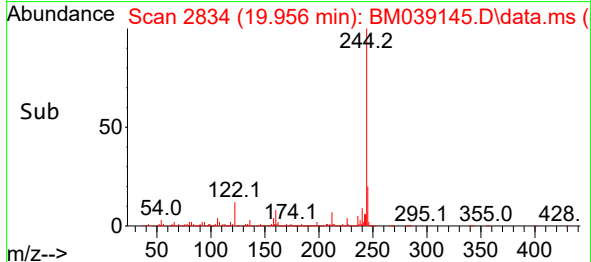
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:244 Resp: 1952818
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.9 9.0 13.4

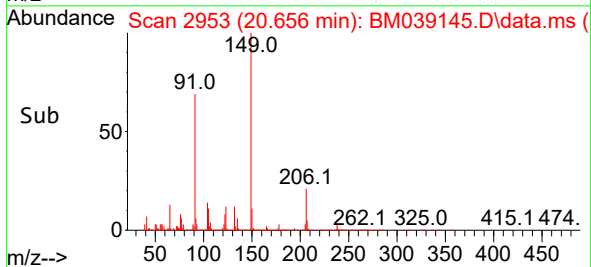
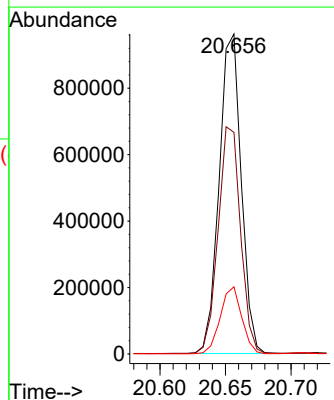
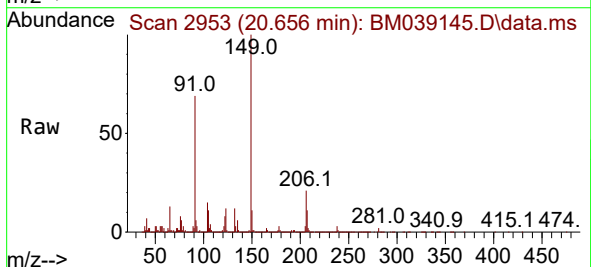
Manual Integrations
APPROVED

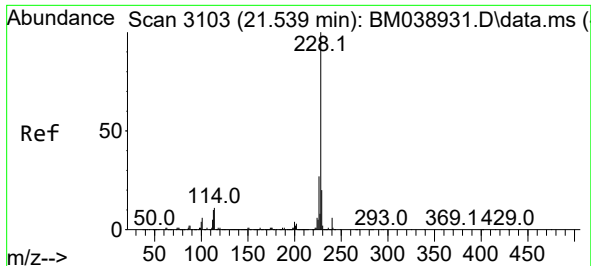
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#80
Butylbenzylphthalate
Concen: 48.169 ng
RT: 20.656 min Scan# 2953
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

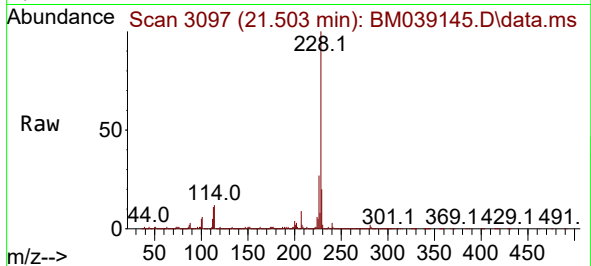
Tgt Ion:149 Resp: 1124412
Ion Ratio Lower Upper
149 100
91 69.3 58.4 87.6
206 21.0 16.1 24.1





#81
Benzo(a)anthracene
Concen: 46.238 ng
RT: 21.503 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

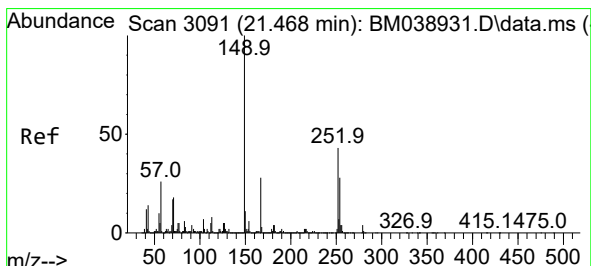
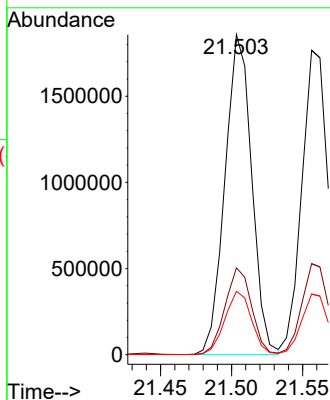
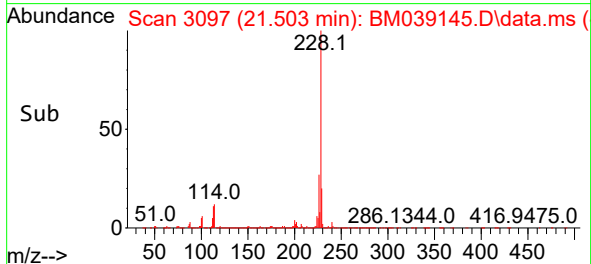
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:228 Resp: 243322
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.8 15.7 23.5

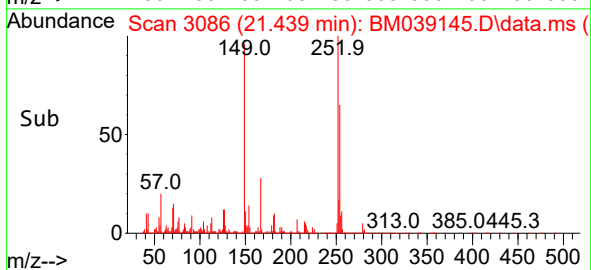
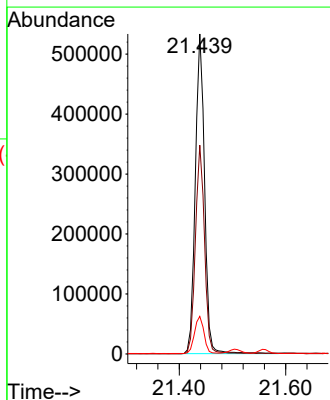
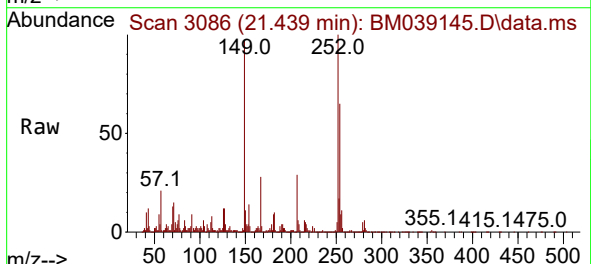
Manual Integrations
APPROVED

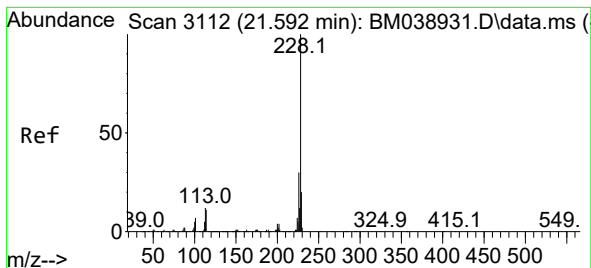
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.685 ng
RT: 21.439 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:252 Resp: 641835
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 11.7 9.9 14.9





#83

Chrysene

Concen: 44.396 ng

RT: 21.556 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

Tgt Ion:228 Resp: 227224

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

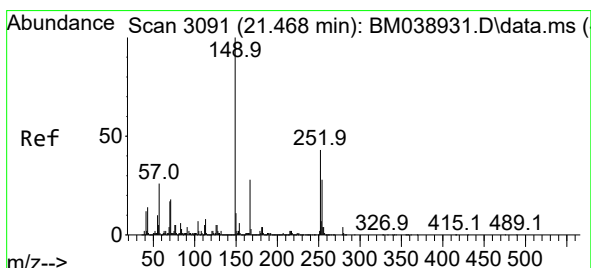
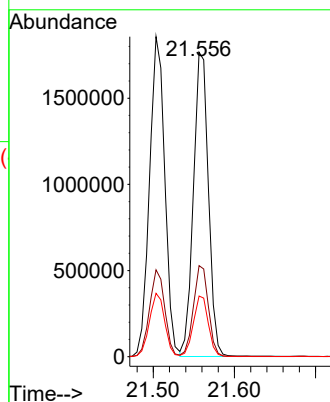
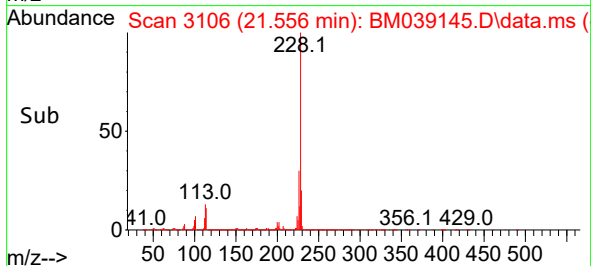
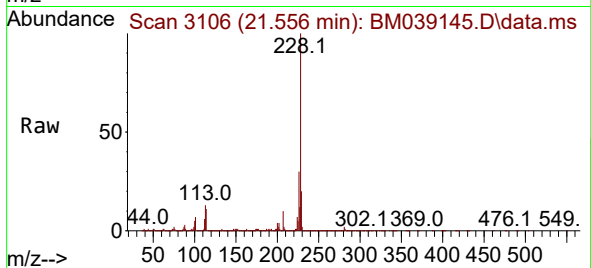
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.957 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

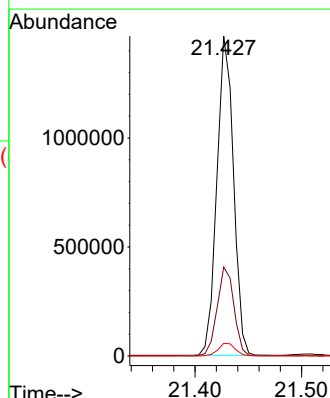
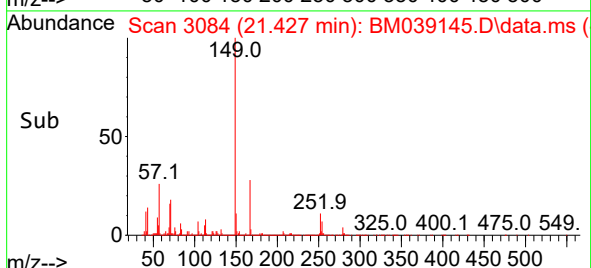
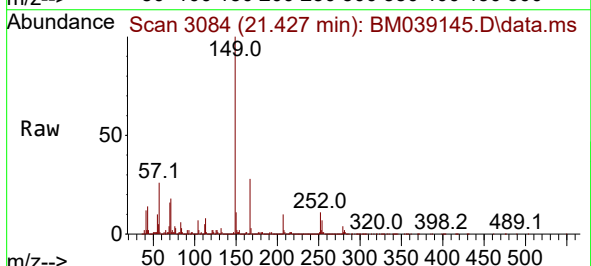
Tgt Ion:149 Resp: 1582494

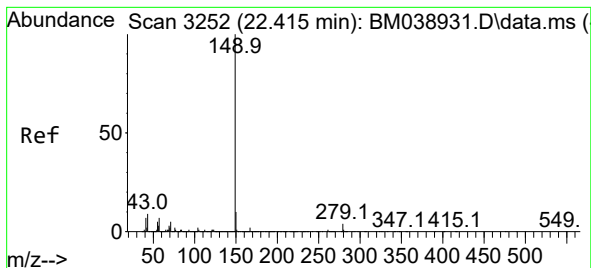
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

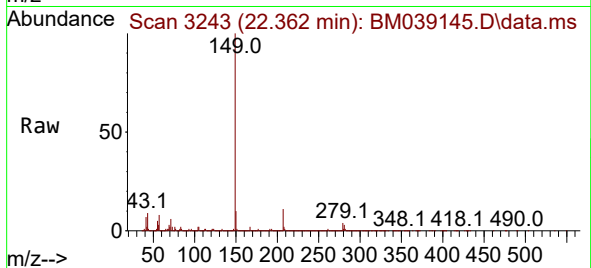
279 3.9 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 47.769 ng
RT: 22.362 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

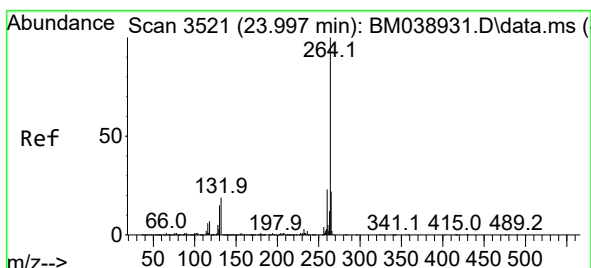
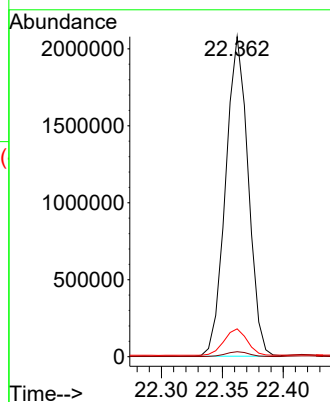
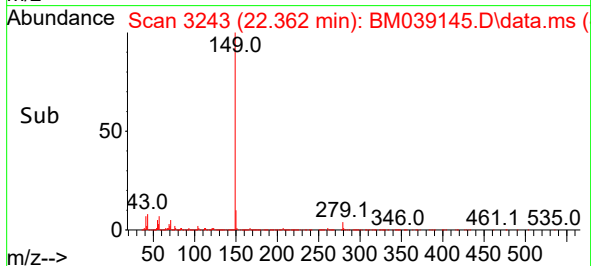
Instrument :
BNA_M
ClientSampleId :
R-PITMS



Tgt Ion:149 Resp: 267370
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.4 7.4 11.2

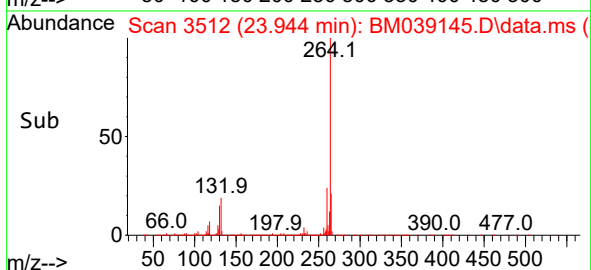
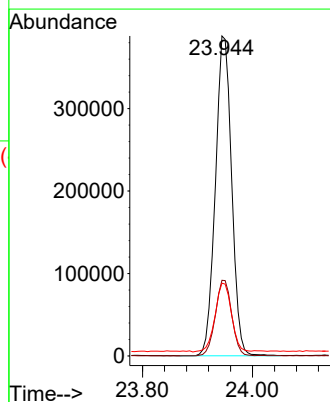
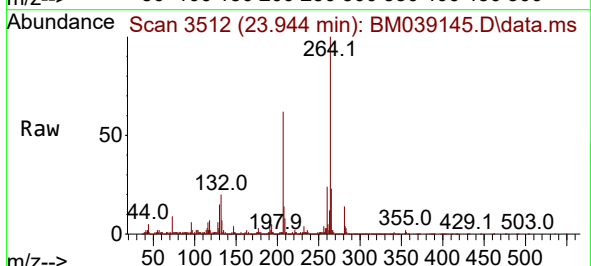
Manual Integrations
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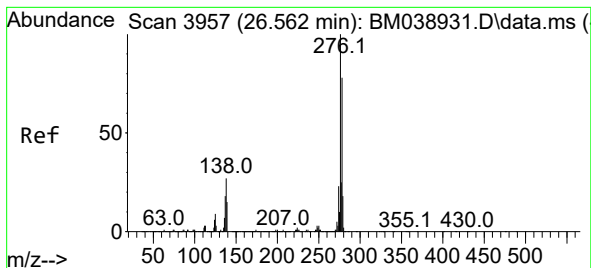
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:264 Resp: 795514
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.677 ng

RT: 26.480 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

Tgt Ion:276 Resp: 312815

Ion Ratio Lower Upper

276 100

138 27.8 22.1 33.1

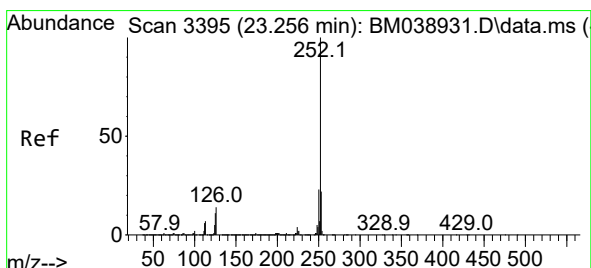
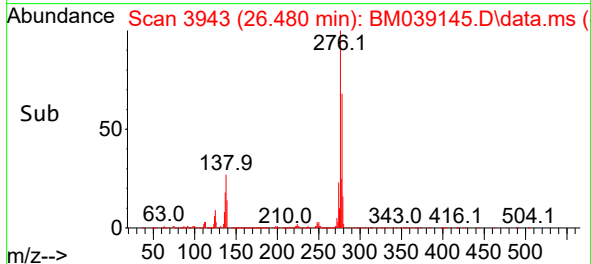
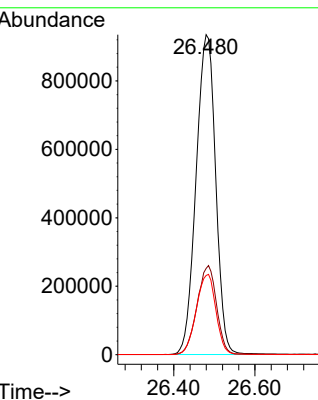
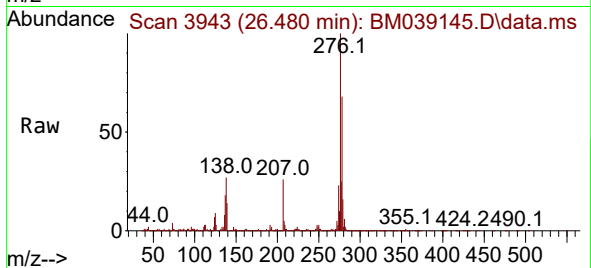
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#88

Benzo(b)fluoranthene

Concen: 47.143 ng

RT: 23.209 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

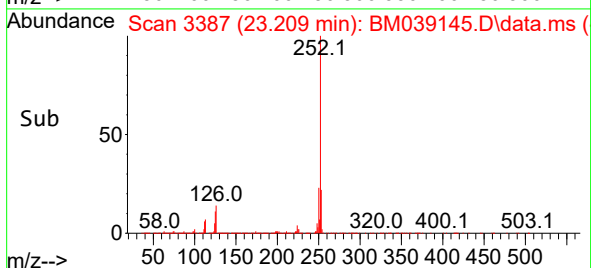
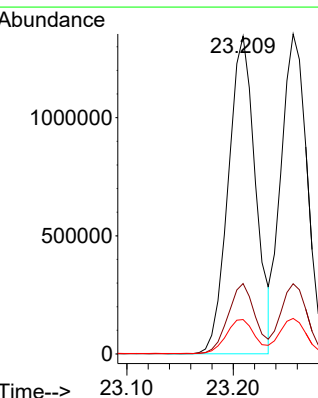
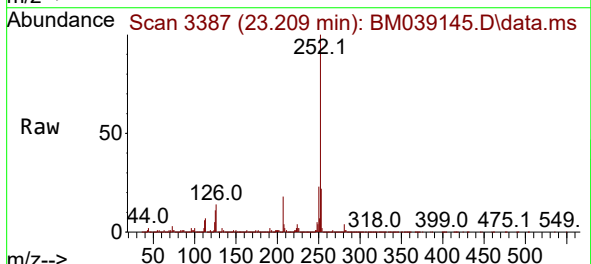
Tgt Ion:252 Resp: 2395925

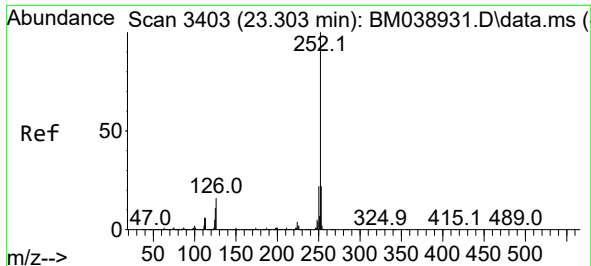
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

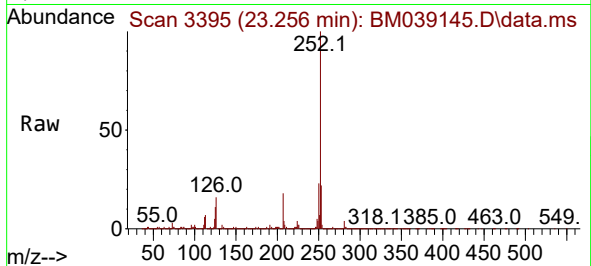
125 10.8 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 43.394 ng
RT: 23.256 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

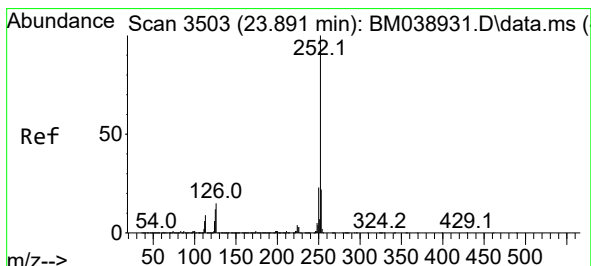
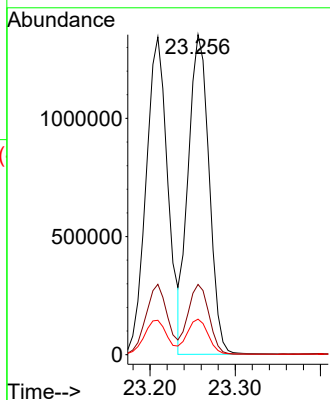
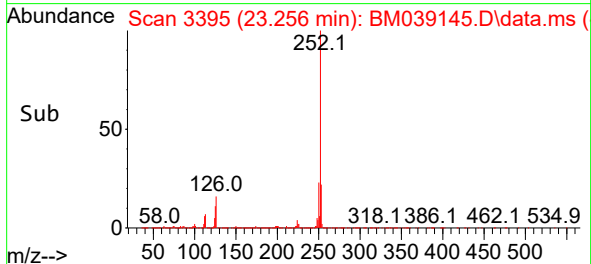
Instrument :
BNA_M
ClientSampleId :
R-PITMS



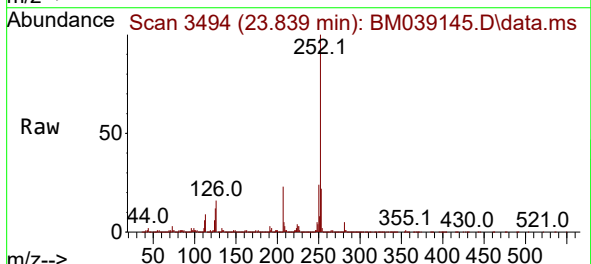
Tgt Ion:252 Resp: 229518
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.1 8.9 13.3

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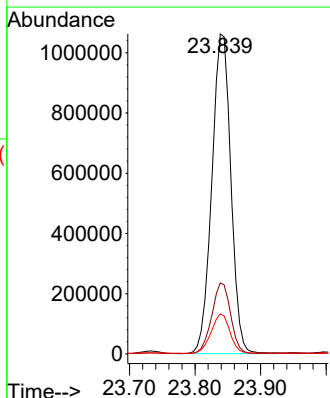
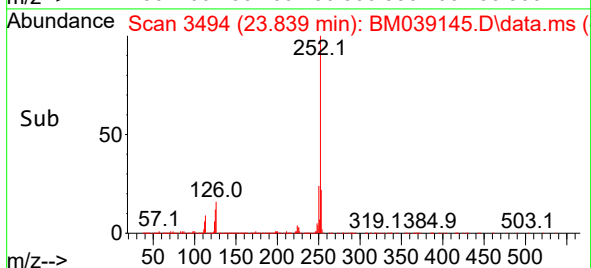
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

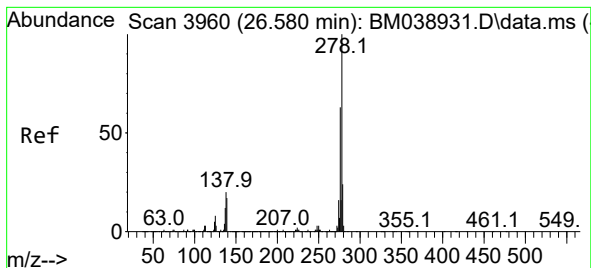


#90
Benzo(a)pyrene
Concen: 43.605 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13



Tgt Ion:252 Resp: 2132852
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 50.499 ng

RT: 26.497 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

Tgt Ion:278 Resp: 2588798

Ion Ratio Lower Upper

278 100

139 17.8 13.7 20.5

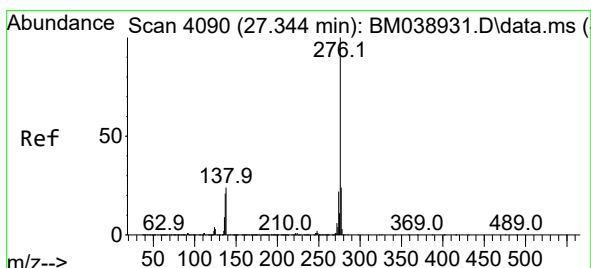
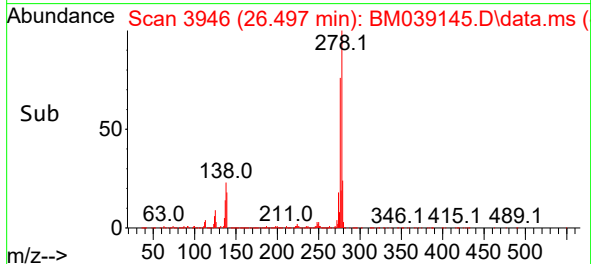
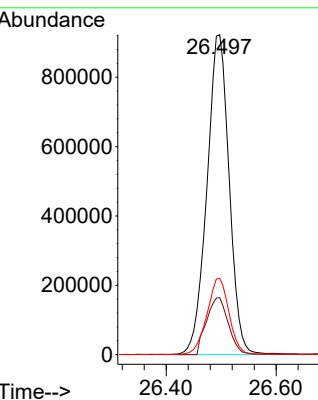
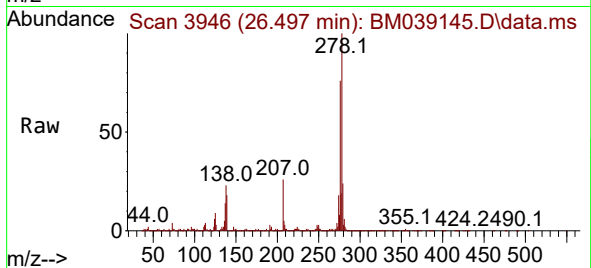
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#92

Benzo(g,h,i)perylene

Concen: 52.879 ng

RT: 27.262 min Scan# 4076

Delta R.T. -0.012 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Tgt Ion:276 Resp: 2652131

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 24.0 19.0 28.6

