

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039023.D
 Acq On : 16 Mar 2023 19:29
 Operator : CG/JU
 Sample : PB151470BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151470BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/17/2023
 Supervised By : Jagrut Upadhyay 03/17/2023

Quant Time: Mar 17 05:55:23 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 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	332057	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1452310	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	854842	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1678900	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1248817	20.000	ng	0.00
86) Perylene-d12	23.986	264	1178517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2346081	107.342	ng	0.00
7) Phenol-d6	7.140	99	3039552	107.068	ng	0.00
23) Nitrobenzene-d5	9.145	82	2752859	93.109	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	912421	92.265	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5786370	88.118	ng	0.00
79) Terphenyl-d14	19.986	244	7469185	109.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	346678	35.654	ng	98
3) Pyridine	3.799	79	951356	35.279	ng	96
4) n-Nitrosodimethylamine	3.710	42	510099	46.485	ng	95
6) Aniline	7.298	93	1438765	38.599	ng	98
8) 2-Chlorophenol	7.540	128	1199346	51.544	ng	99
9) Benzaldehyde	7.110	77	950645	70.370	ng	98
10) Phenol	7.163	94	1640689	54.422	ng	99
11) bis(2-Chloroethyl)ether	7.398	93	1185910	48.383	ng	98
12) 1,3-Dichlorobenzene	7.863	146	1164223	47.081	ng	99
13) 1,4-Dichlorobenzene	8.016	146	1198070	47.639	ng	100
14) 1,2-Dichlorobenzene	8.334	146	1158289	47.814	ng	100
15) Benzyl Alcohol	8.222	79	1079335m	53.044	ng	
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1638364	52.927	ng	98
17) 2-Methylphenol	8.422	107	1053878	50.889	ng	99
18) Hexachloroethane	9.063	117	453330	48.856	ng	99
19) n-Nitroso-di-n-propyla...	8.792	70	943177	52.747	ng	96
20) 3+4-Methylphenols	8.751	107	1416464	51.225	ng	99
22) Acetophenone	8.810	105	1823379	44.749	ng	# 99
24) Nitrobenzene	9.192	77	1390129	44.734	ng	99
25) Isophorone	9.722	82	2543658	46.752	ng	99
26) 2-Nitrophenol	9.904	139	592752	43.498	ng	99
27) 2,4-Dimethylphenol	9.963	122	1179871	49.769	ng	98
28) bis(2-Chloroethoxy)met...	10.204	93	1616809	46.249	ng	99
29) 2,4-Dichlorophenol	10.439	162	1105616	49.191	ng	100
30) 1,2,4-Trichlorobenzene	10.651	180	1047670	42.656	ng	99
31) Naphthalene	10.845	128	3557629	42.960	ng	99
32) Benzoic acid	10.110	122	818165	47.153	ng	99
33) 4-Chloroaniline	10.951	127	511082	14.481	ng	98
34) Hexachlorobutadiene	11.128	225	574788	40.809	ng	99
35) Caprolactam	11.745	113	347073m	50.737	ng	
36) 4-Chloro-3-methylphenol	12.075	107	1225155	51.190	ng	97
37) 2-Methylnaphthalene	12.451	142	2436814	43.902	ng	100
38) 1-Methylnaphthalene	12.669	142	2282638	43.883	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	1169483	42.082	ng	98
41) Hexachlorocyclopentadiene	12.798	237	1640108	107.517	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	825707	45.883	ng	99

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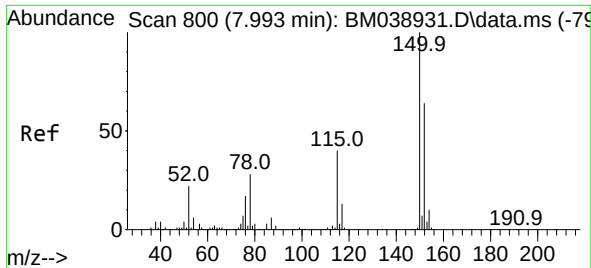
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	914482	43.414	ng	99
46) 1,1'-Biphenyl	13.457	154	3222973	44.504	ng	99
47) 2-Chloronaphthalene	13.498	162	2406198	44.062	ng	100
48) 2-Nitroaniline	13.698	65	813744	46.608	ng	96
49) Acenaphthylene	14.345	152	3902188	44.860	ng	100
50) Dimethylphthalate	14.080	163	3003592	45.662	ng	100
51) 2,6-Dinitrotoluene	14.198	165	647643	44.622	ng	96
52) Acenaphthene	14.686	154	2343894	43.845	ng	100
53) 3-Nitroaniline	14.521	138	346661	21.299	ng	99
54) 2,4-Dinitrophenol	14.727	184	772120	91.542	ng	98
55) Dibenzofuran	15.016	168	3665895	43.822	ng	98
56) 4-Nitrophenol	14.827	139	1291360	98.849	ng	94
57) 2,4-Dinitrotoluene	14.980	165	879610	46.034	ng	93
58) Fluorene	15.663	166	2971475	45.346	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	754846	46.466	ng	97
60) Diethylphthalate	15.439	149	3035429	47.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	1431250	44.459	ng	98
62) 4-Nitroaniline	15.686	138	724133	42.059	ng	97
63) Azobenzene	15.951	77	3378644	49.889	ng	100
65) 4,6-Dinitro-2-methylph...	15.739	198	469693	43.146	ng	96
66) n-Nitrosodiphenylamine	15.874	169	2539161	44.862	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	805852	44.439	ng	94
68) Hexachlorobenzene	16.668	284	913038	45.039	ng	98
69) Atrazine	16.827	200	801226	51.826	ng	98
70) Pentachlorophenol	17.010	266	1225348	82.183	ng	100
71) Phenanthrene	17.404	178	4364524	44.294	ng	99
72) Anthracene	17.498	178	4442082	45.205	ng	100
73) Carbazole	17.768	167	4080192	45.496	ng	99
74) Di-n-butylphthalate	18.333	149	4955354	45.403	ng	100
75) Fluoranthene	19.415	202	4452003	42.792	ng	97
77) Benzidine	19.603	184	2209335	74.605	ng	99
78) Pyrene	19.780	202	4702807	50.138	ng	100
80) Butylbenzylphthalate	20.680	149	1927154	48.298	ng	97
81) Benzo(a)anthracene	21.527	228	4095067	45.534	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	774827	28.033	ng	99
83) Chrysene	21.586	228	3806957	43.524	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2791881	48.394	ng	100
85) Di-n-octyl phthalate	22.392	149	4532368	47.413	ng	98
87) Indeno(1,2,3-cd)pyrene	26.527	276	3981735	44.401	ng	98
88) Benzo(b)fluoranthene	23.239	252	3652582	48.513	ng	99
89) Benzo(k)fluoranthene	23.291	252	3744839	47.793	ng	99
90) Benzo(a)pyrene	23.874	252	3185417	43.960	ng	99
91) Dibenzo(a,h)anthracene	26.544	278	3383671	44.554	ng	98
92) Benzo(g,h,i)perylene	27.309	276	3185066	42.867	ng	98

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



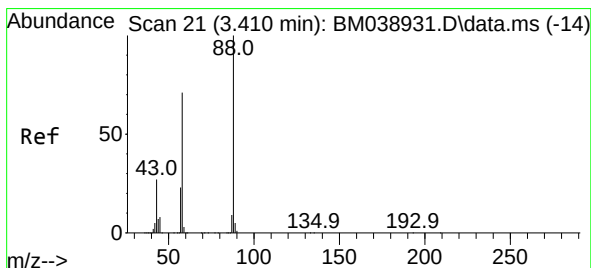
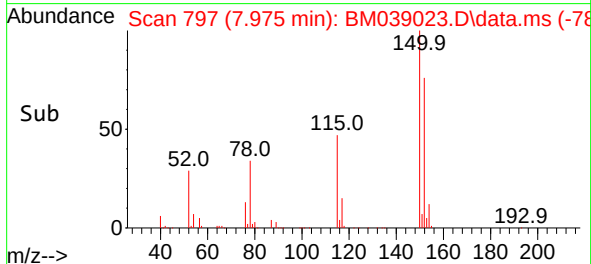
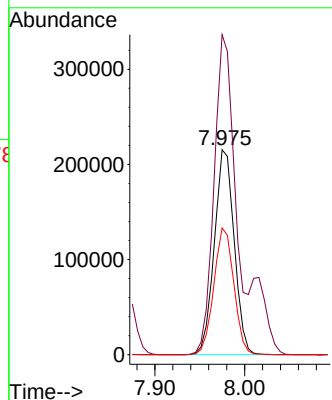
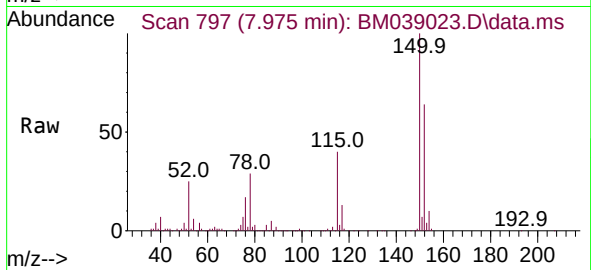
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :
BNA_M
ClientSampleId :
PB151470BS

Tgt Ion:152 Resp: 33205
Ion Ratio Lower Upper
152 100
150 156.2 125.1 187.7
115 61.8 49.6 74.4

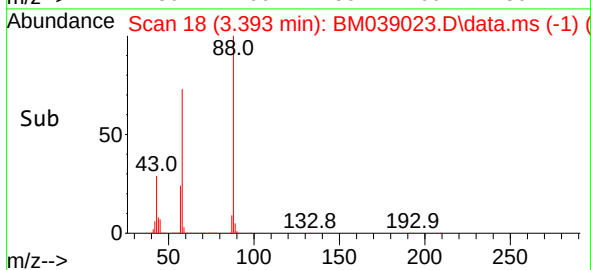
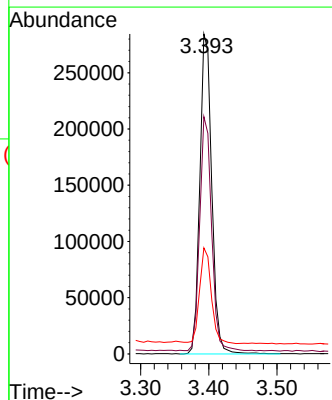
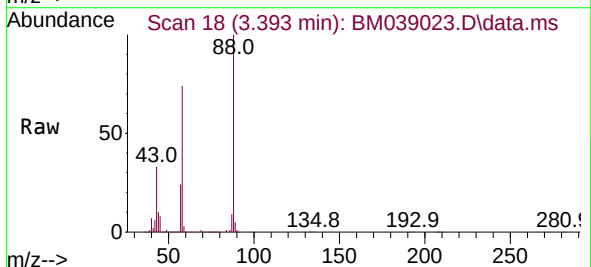
Manual Integrations
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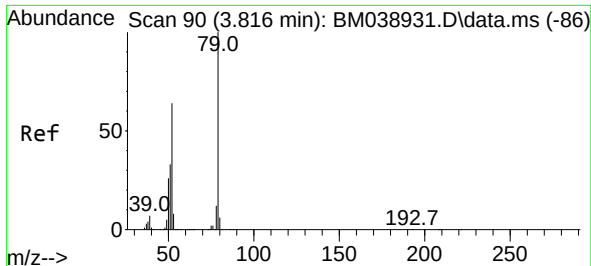
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#2
1,4-Dioxane
Concen: 35.654 ng
RT: 3.393 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

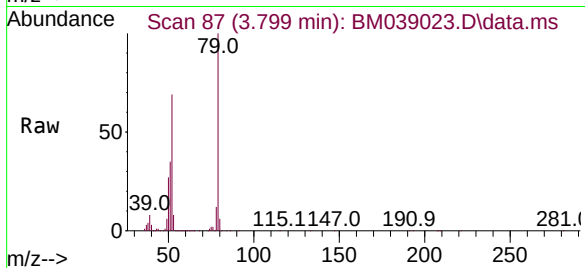
Tgt Ion: 88 Resp: 346678
Ion Ratio Lower Upper
88 100
58 72.6 57.2 85.8
43 29.3 22.0 33.0





#3
 Pyridine
 Concen: 35.279 ng
 RT: 3.799 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM039023.D
 Acq: 16 Mar 2023 19:29

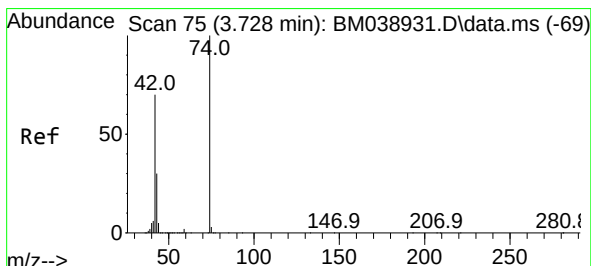
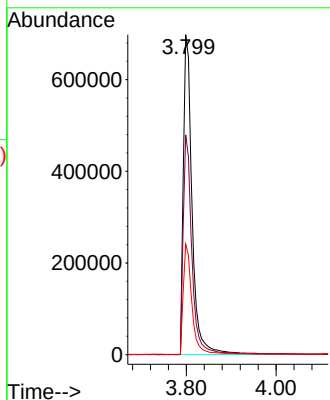
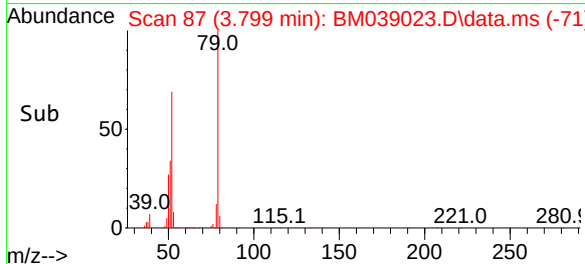
Instrument :
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 ClientSampleId :
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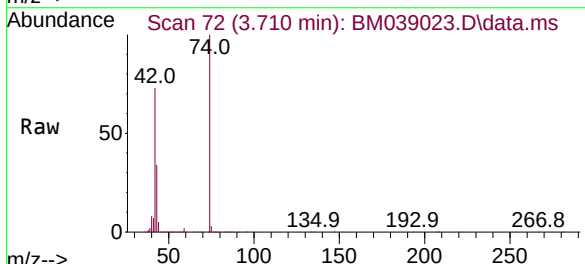
Tgt Ion: 79 Resp: 951356
 Ion Ratio Lower Upper
 79 100
 52 68.7 51.4 77.2
 51 34.6 26.6 40.0

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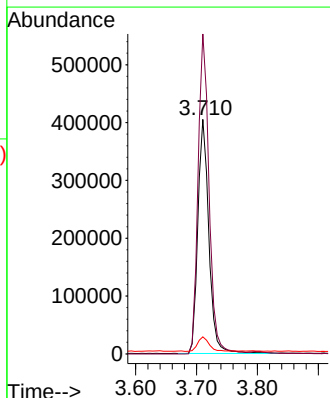
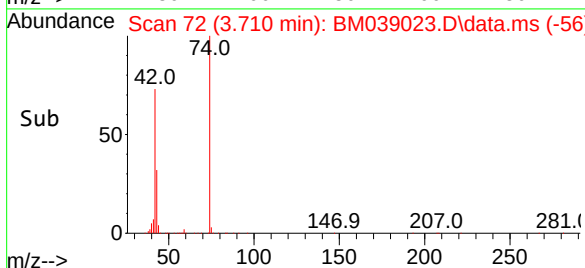
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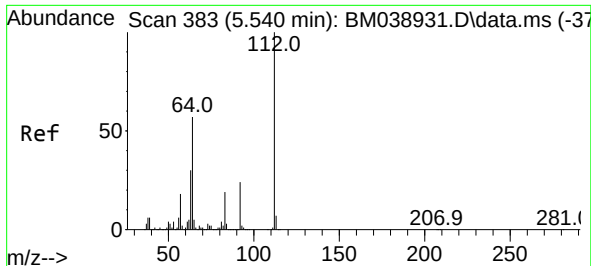


#4
 n-Nitrosodimethylamine
 Concen: 46.485 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039023.D
 Acq: 16 Mar 2023 19:29



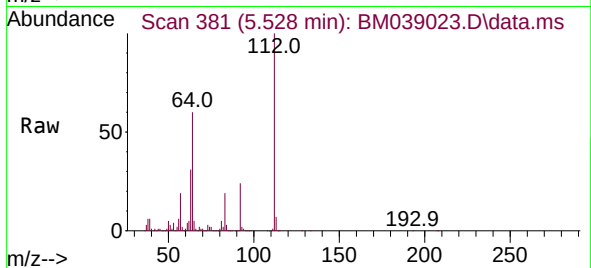
Tgt Ion: 42 Resp: 510099
 Ion Ratio Lower Upper
 42 100
 74 136.5 113.8 170.8
 44 7.3 6.2 9.2





#5
2-Fluorophenol
Concen: 107.342 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

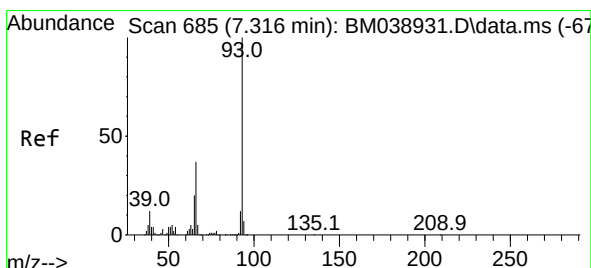
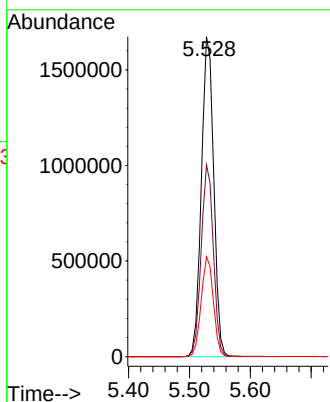
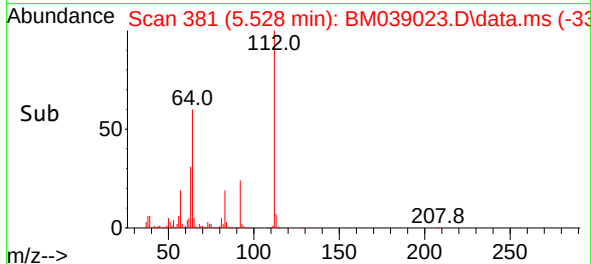
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:112 Resp: 2346081
Ion Ratio Lower Upper
112 100
64 59.9 45.9 68.9
63 31.2 23.8 35.8

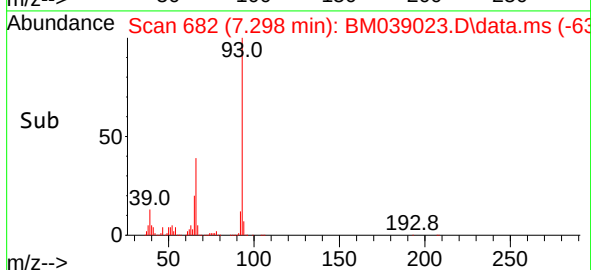
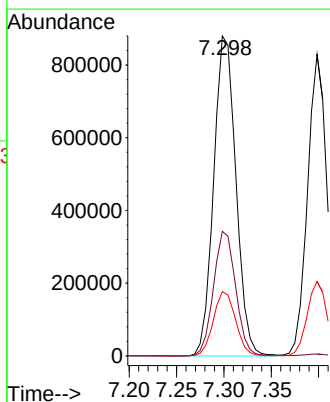
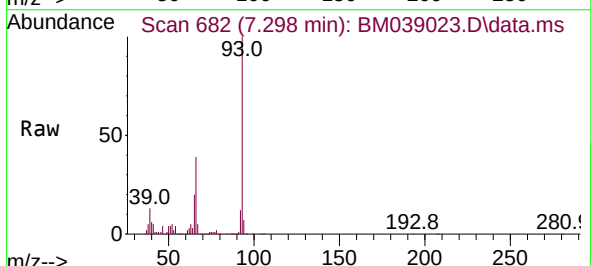
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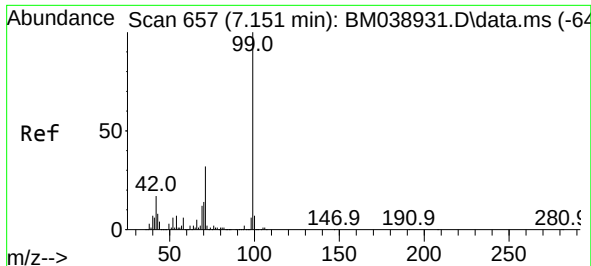
Reviewed By :Christian Giraldo 03/17/2023
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#6
Aniline
Concen: 38.599 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

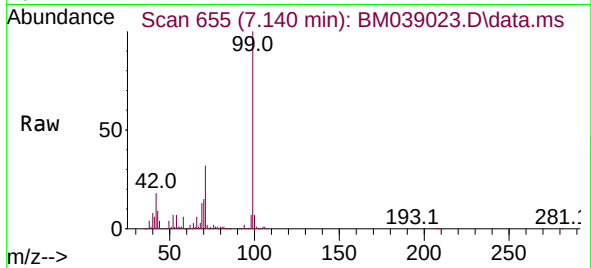
Tgt Ion: 93 Resp: 1438765
Ion Ratio Lower Upper
93 100
66 38.9 30.0 45.0
65 20.1 15.8 23.6





#7
Phenol-d6
Concen: 107.068 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

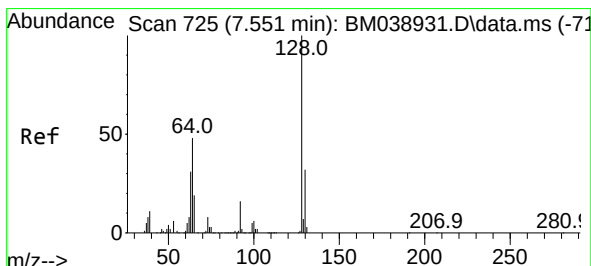
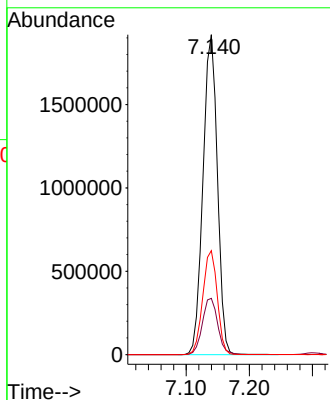
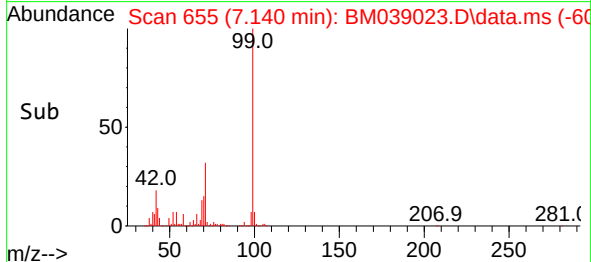
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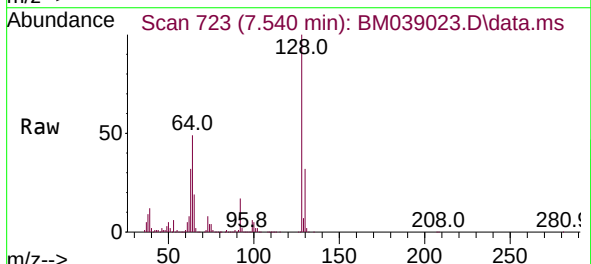
Tgt Ion: 99 Resp: 3039552
Ion Ratio Lower Upper
99 100
42 17.6 13.5 20.3
71 32.5 25.6 38.4

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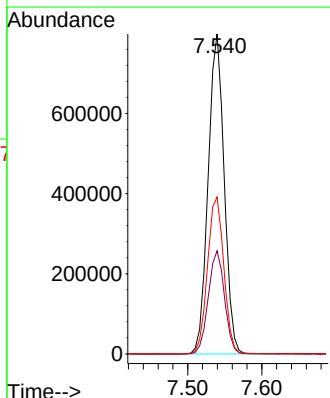
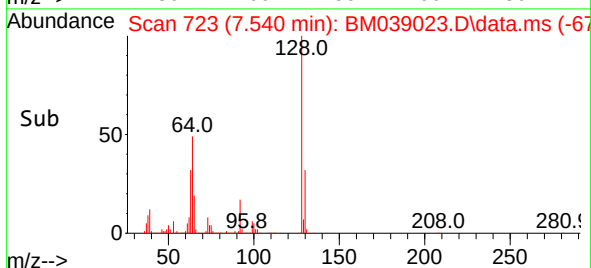
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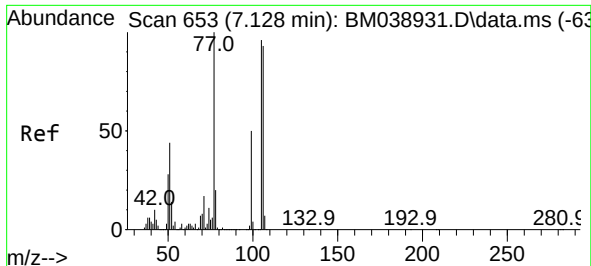


#8
2-Chlorophenol
Concen: 51.544 ng
RT: 7.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



Tgt Ion:128 Resp: 1199346
Ion Ratio Lower Upper
128 100
130 32.2 11.9 51.9
64 49.0 28.6 68.6





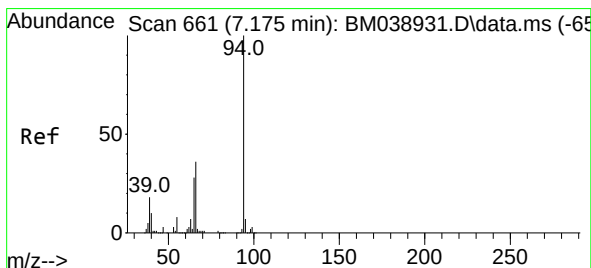
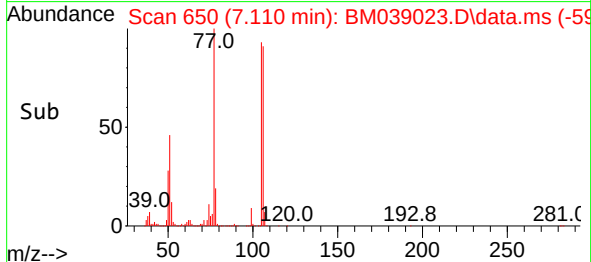
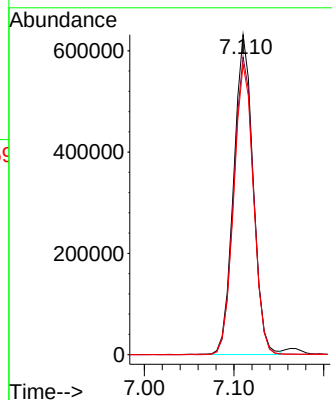
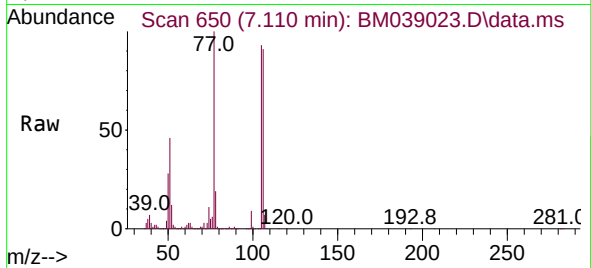
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Benzaldehyde
Concen: 70.370 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :
BNA_M
ClientSampleId :
PB151470BS

Tgt Ion: 77 Resp: 950645
Ion Ratio Lower Upper
77 100
105 93.0 75.8 115.8
106 90.7 72.6 112.6

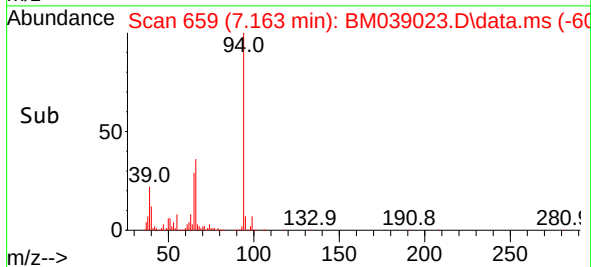
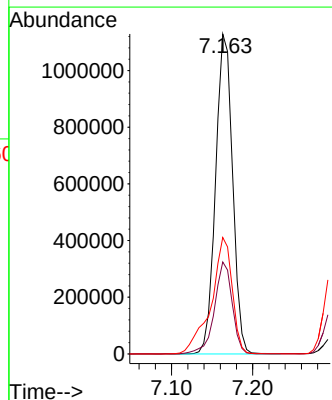
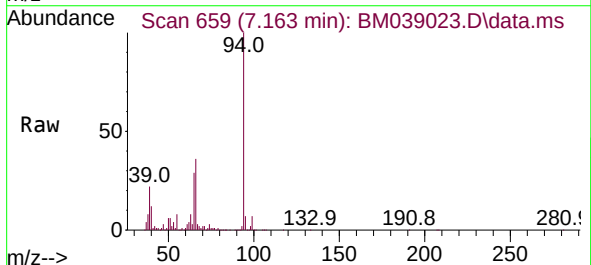
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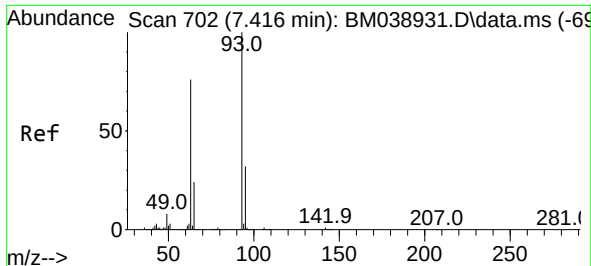
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#10
Phenol
Concen: 54.422 ng
RT: 7.163 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion: 94 Resp: 1640689
Ion Ratio Lower Upper
94 100
65 28.7 7.9 47.9
66 36.4 15.8 55.8





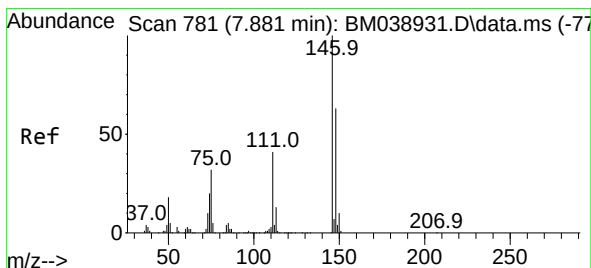
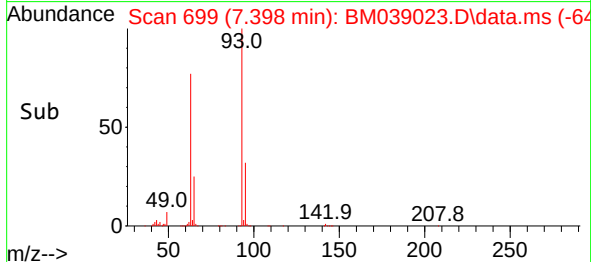
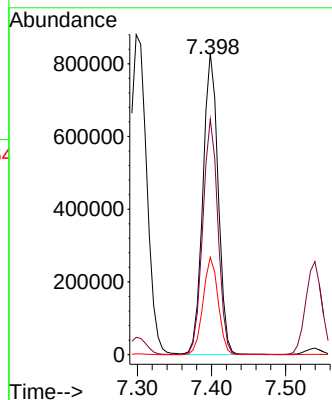
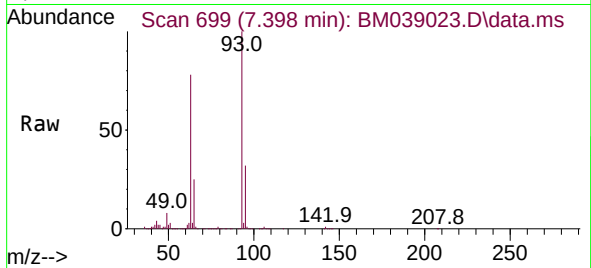
#11
bis(2-Chloroethyl)ether
Concen: 48.383 ng
RT: 7.398 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :
BNA_M
ClientSampleId :
PB151470BS

Tgt Ion: 93 Resp: 1185910
Ion Ratio Lower Upper
93 100
63 78.2 55.8 95.8
95 32.3 12.2 52.2

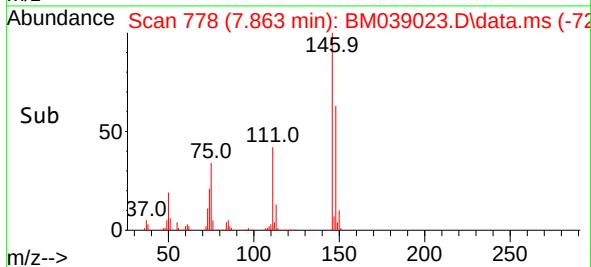
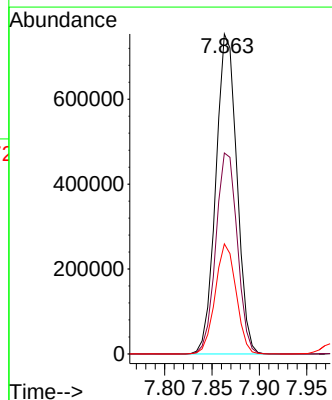
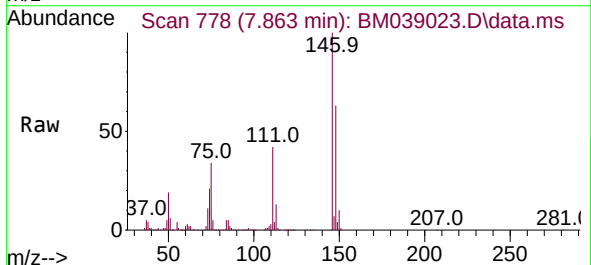
Manual Integrations
APPROVED

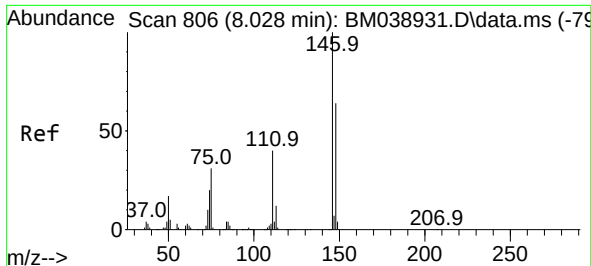
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#12
1,3-Dichlorobenzene
Concen: 47.081 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

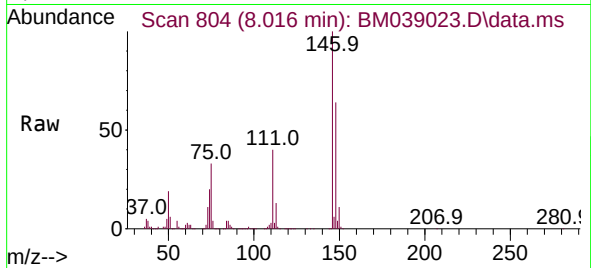
Tgt Ion:146 Resp: 1164223
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 34.4 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 47.639 ng
RT: 8.016 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

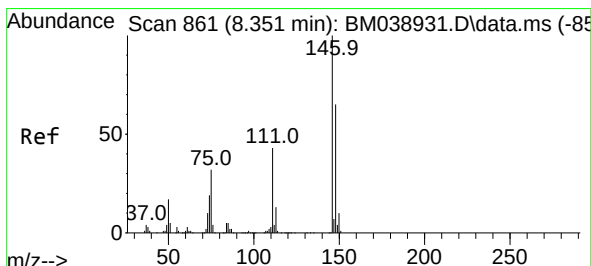
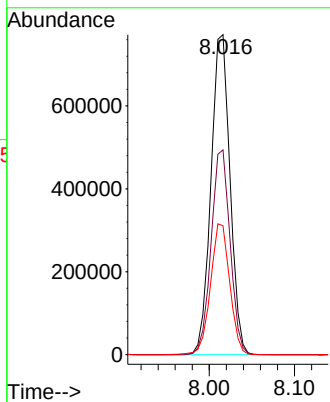
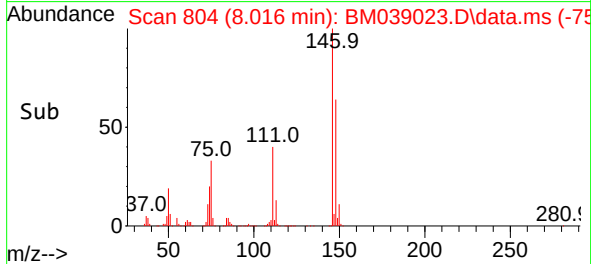
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:146 Resp: 1198070
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 40.3 32.2 48.4

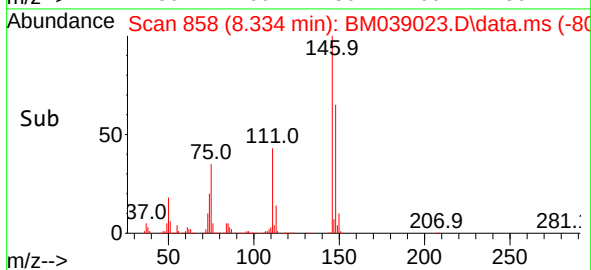
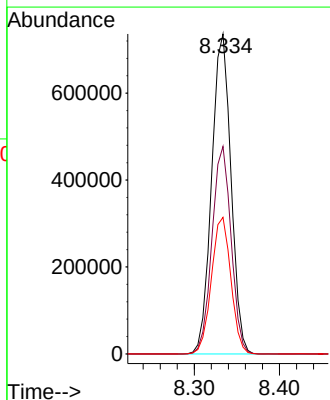
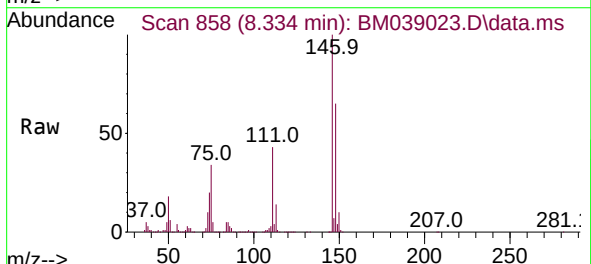
Manual Integrations
APPROVED

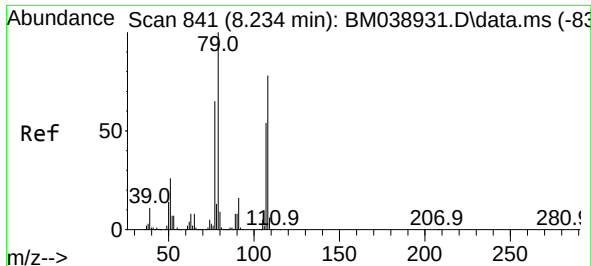
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#14
1,2-Dichlorobenzene
Concen: 47.814 ng
RT: 8.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

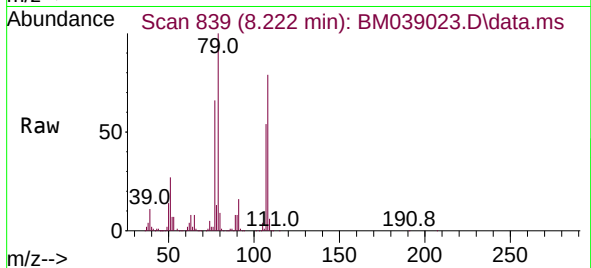
Tgt Ion:146 Resp: 1158289
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
111 42.7 34.2 51.4





#15
Benzyl Alcohol
Concen: 53.044 ng m
RT: 8.222 min Scan# 841
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

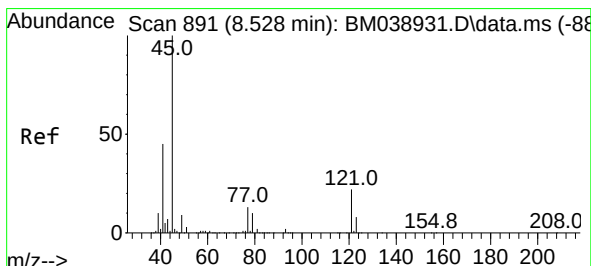
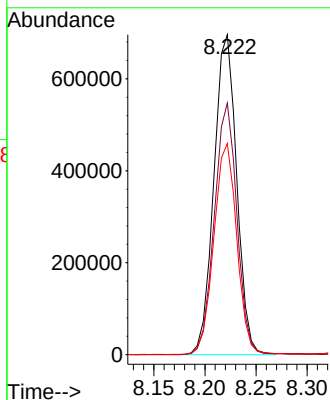
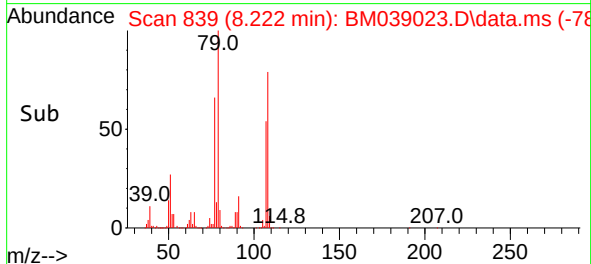
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion: 79 Resp: 1079335
Ion Ratio Lower Upper
79 100
108 78.6 62.4 93.6
77 66.0 52.2 78.4

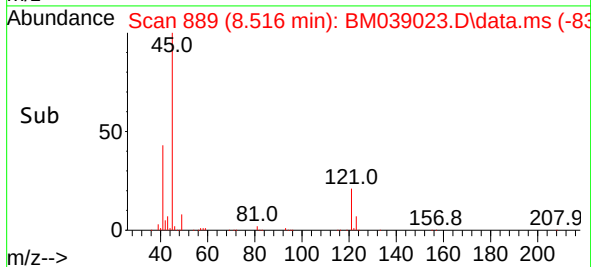
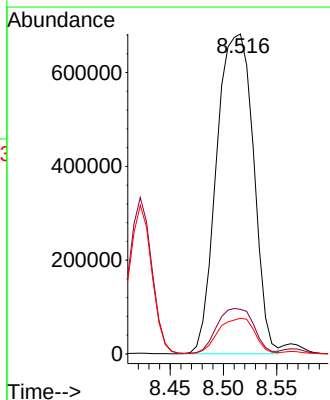
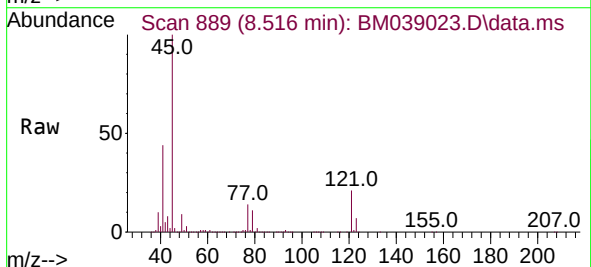
Manual Integrations
APPROVED

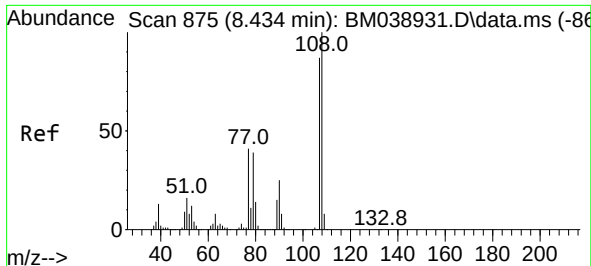
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.927 ng
RT: 8.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

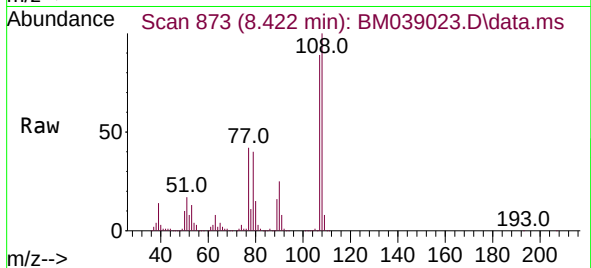
Tgt Ion: 45 Resp: 1638364
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.8
79 11.1 0.0 31.5





#17
2-Methylphenol
Concen: 50.889 ng
RT: 8.422 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :
BNA_M
ClientSampleId :
PB151470BS

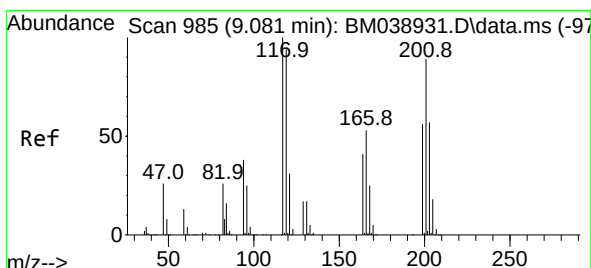
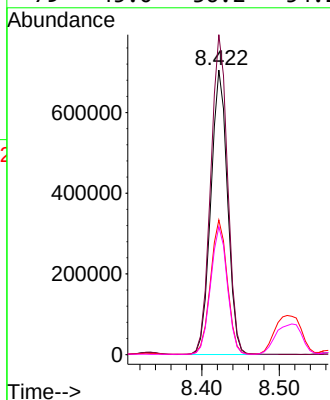
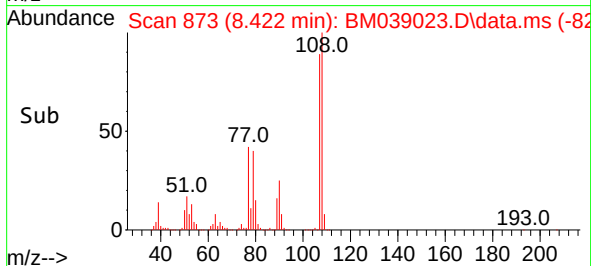


Tgt Ion:107 Resp: 1053878

Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.7	137.5
77	47.3	37.4	56.2
79	45.0	36.2	54.2

Manual Integrations
APPROVED

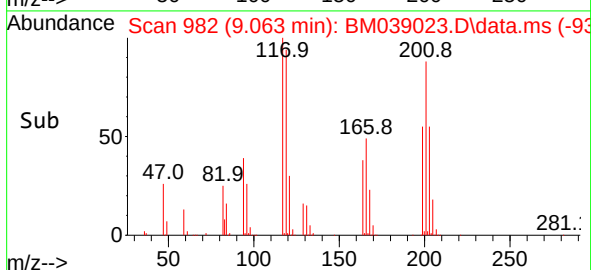
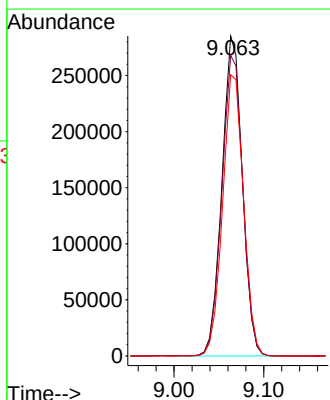
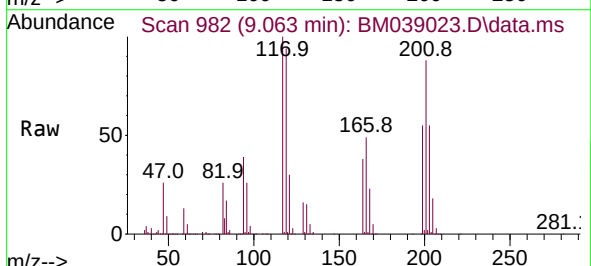
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

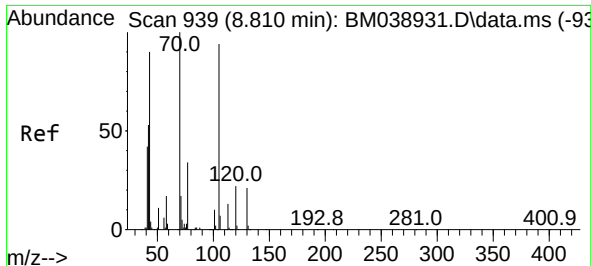


#18
Hexachloroethane
Concen: 48.856 ng
RT: 9.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:117 Resp: 453330

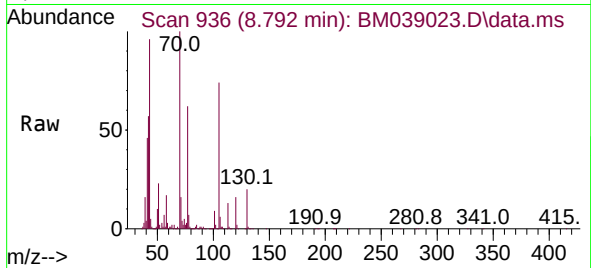
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.0
201	87.9	71.3	106.9





#19
n-Nitroso-di-n-propylamine
Concen: 52.747 ng
RT: 8.792 min Scan# 936
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

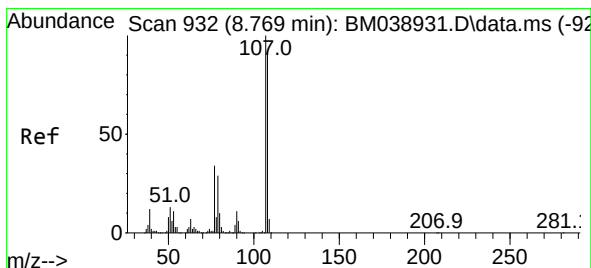
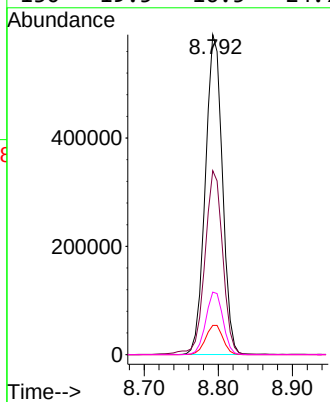
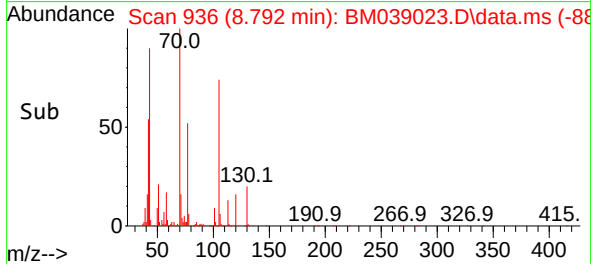
Instrument :
BNA_M
ClientSampleId :
PB151470BS



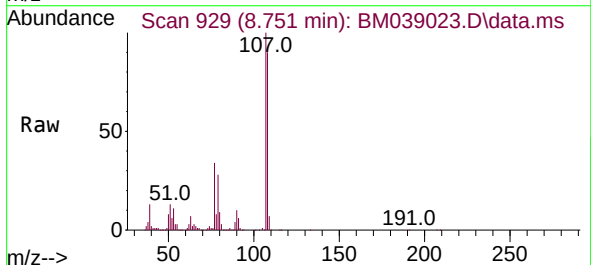
Tgt Ion: 70 Resp: 943172
Ion Ratio Lower Upper
70 100
42 57.5 43.4 65.2
101 9.1 7.6 11.4
130 19.5 16.5 24.7

Manual Integrations
APPROVED

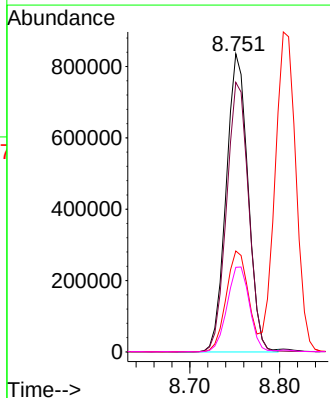
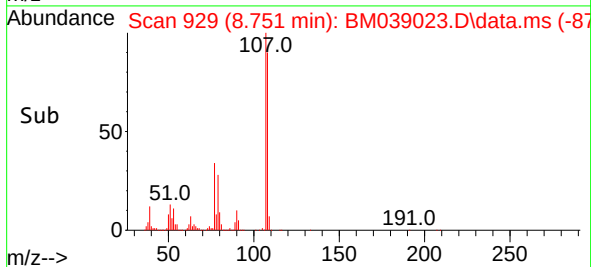
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

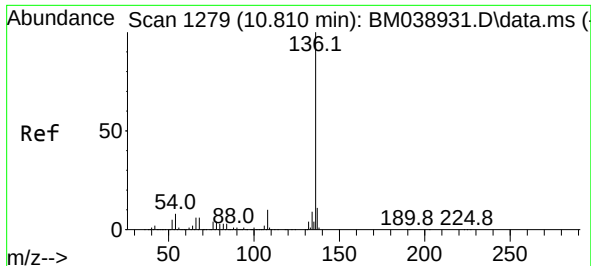


#20
3+4-Methylphenols
Concen: 51.225 ng
RT: 8.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



Tgt Ion:107 Resp: 1416464
Ion Ratio Lower Upper
107 100
108 90.4 71.8 111.8
77 33.9 13.6 53.6
79 28.4 9.2 49.2





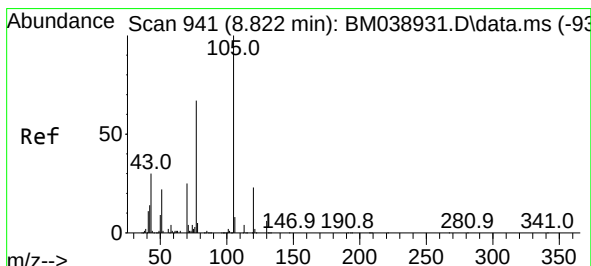
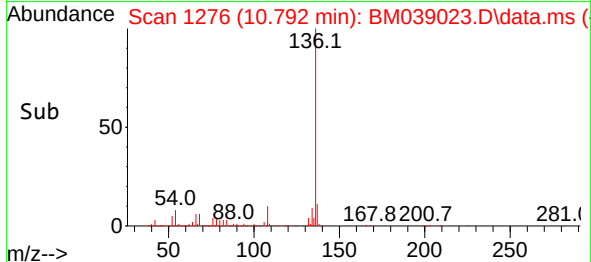
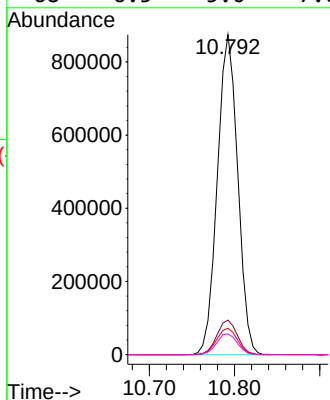
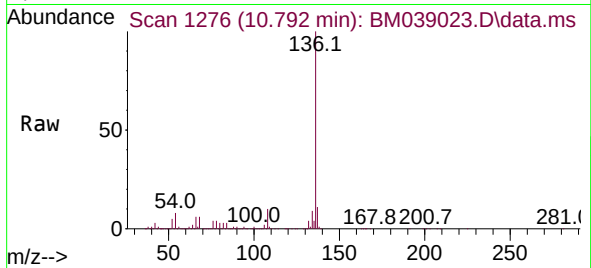
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :
BNA_M
ClientSampleId :
PB151470BS

Tgt Ion:136 Resp: 1452310
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.2 6.3 9.5
68 6.5 5.0 7.6

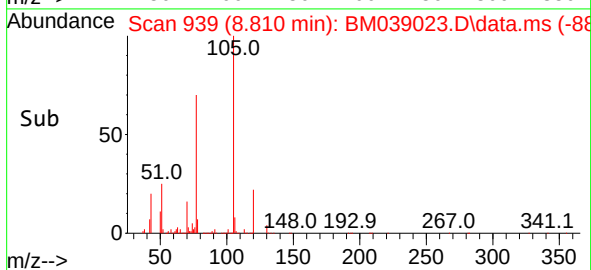
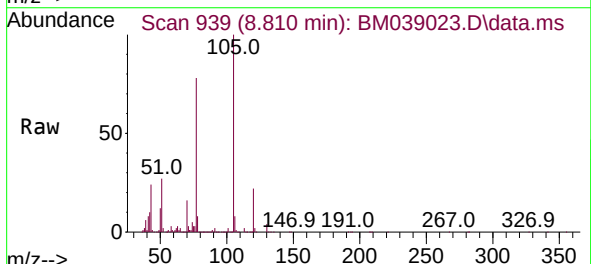
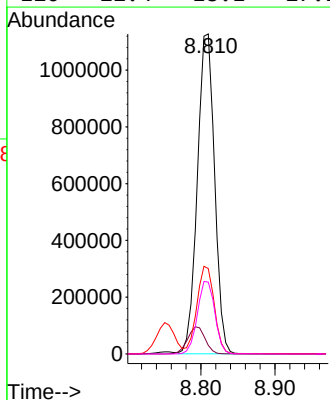
Manual Integrations
APPROVED

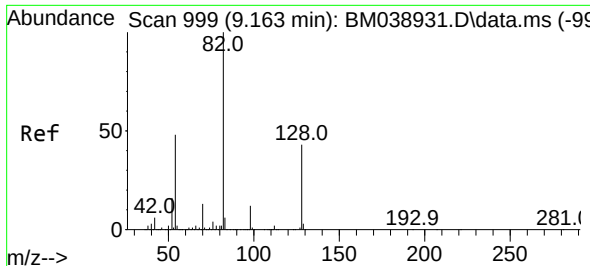
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#22
Acetophenone
Concen: 44.749 ng
RT: 8.810 min Scan# 939
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:105 Resp: 1823379
Ion Ratio Lower Upper
105 100
71 2.7 3.4 5.0#
51 26.7 21.0 31.4
120 22.4 18.1 27.1





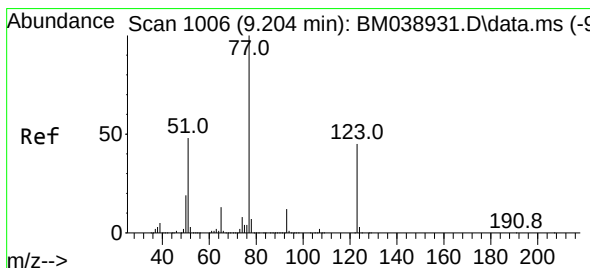
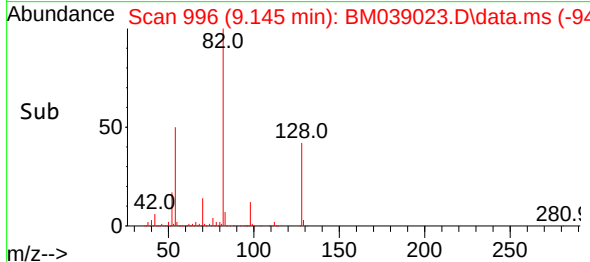
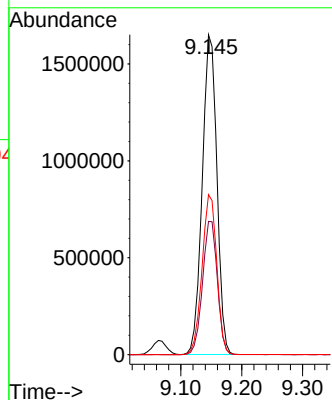
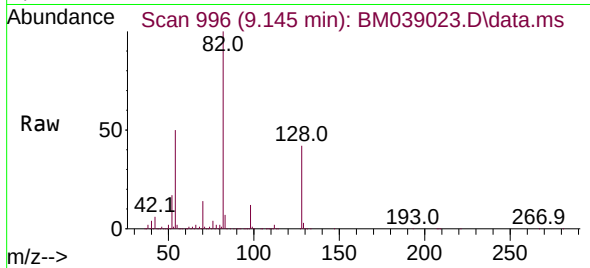
#23
Nitrobenzene-d5
Concen: 93.109 ng
RT: 9.145 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :
BNA_M
ClientSampleId :
PB151470BS

Tgt Ion: 82 Resp: 2752859
Ion Ratio Lower Upper
82 100
128 41.6 34.4 51.6
54 50.0 38.8 58.2

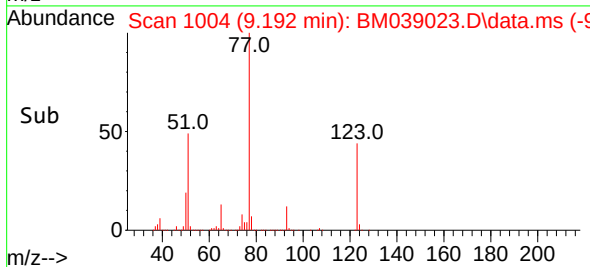
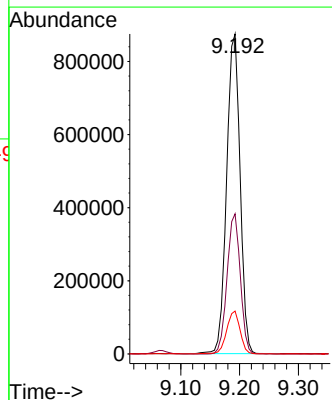
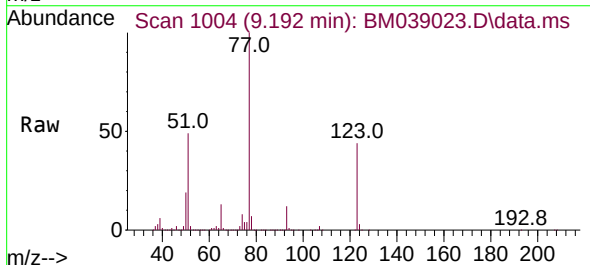
Manual Integrations
APPROVED

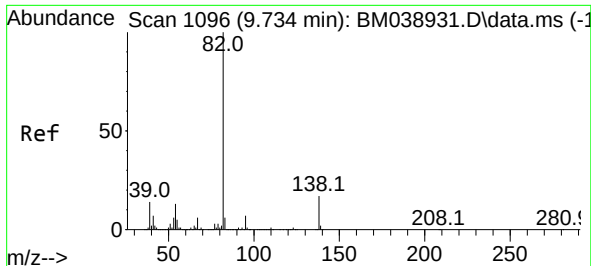
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#24
Nitrobenzene
Concen: 44.734 ng
RT: 9.192 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

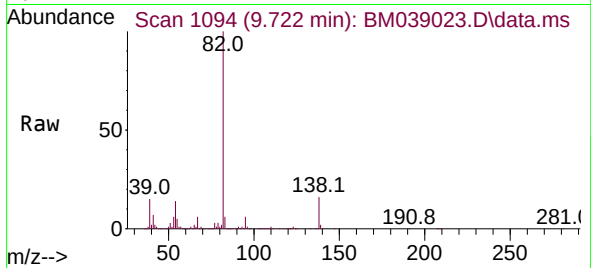
Tgt Ion: 77 Resp: 1390129
Ion Ratio Lower Upper
77 100
123 43.8 35.8 53.6
65 13.4 10.2 15.4





#25
Isophorone
Concen: 46.752 ng
RT: 9.722 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

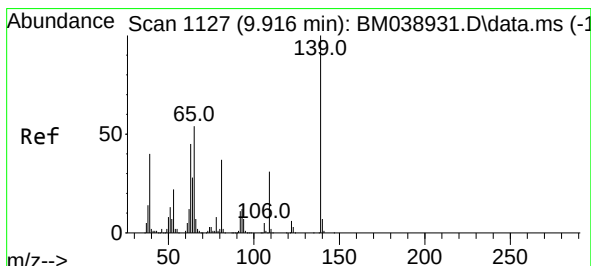
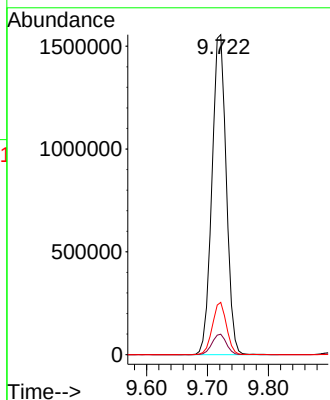
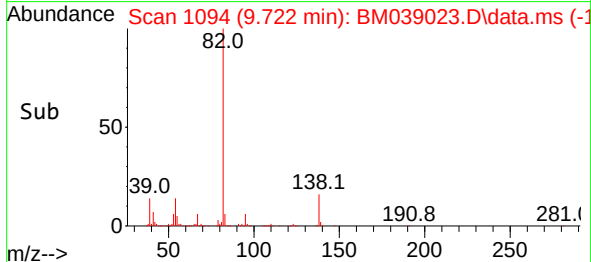
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion: 82 Resp: 2543658
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.3 13.6 20.4

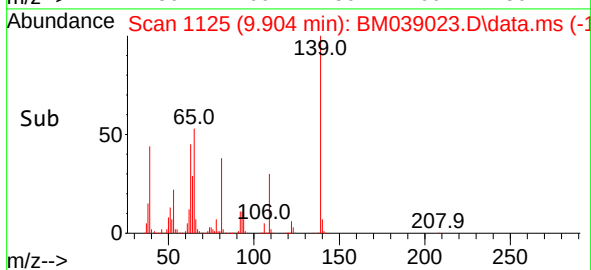
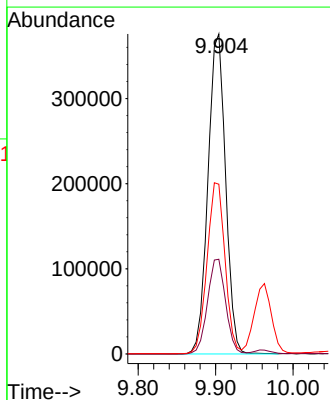
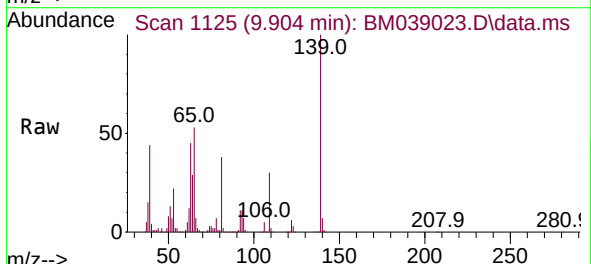
Manual Integrations
APPROVED

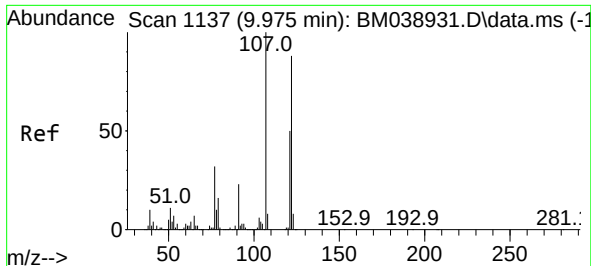
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#26
2-Nitrophenol
Concen: 43.498 ng
RT: 9.904 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

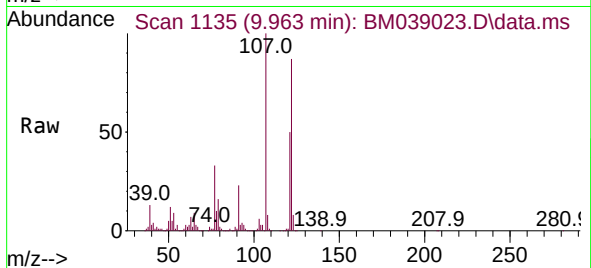
Tgt Ion:139 Resp: 592752
Ion Ratio Lower Upper
139 100
109 29.6 24.5 36.7
65 53.0 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 49.769 ng
RT: 9.963 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

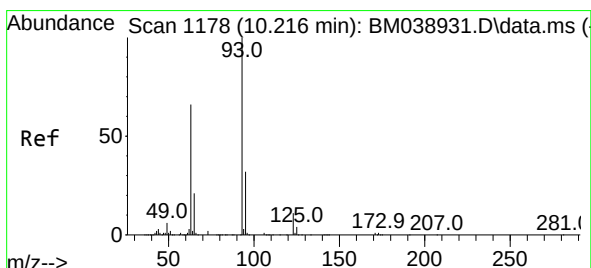
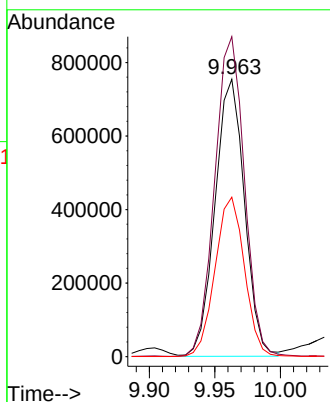
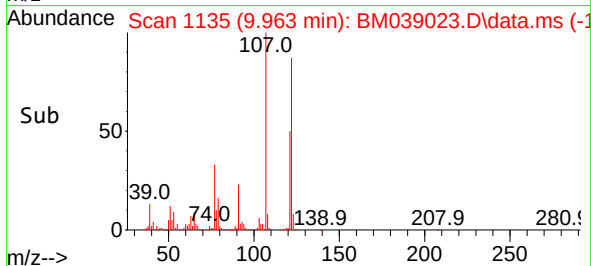
Instrument :
BNA_M
ClientSampleId :
PB151470BS



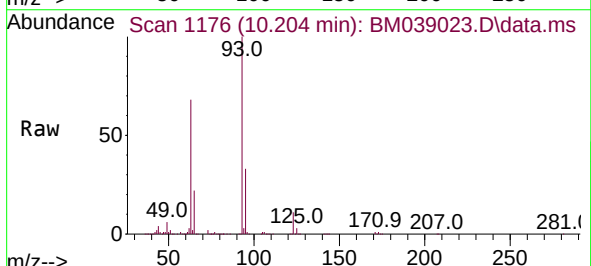
Tgt Ion:122 Resp: 117987
Ion Ratio Lower Upper
122 100
107 115.4 91.0 136.4
121 57.5 45.1 67.7

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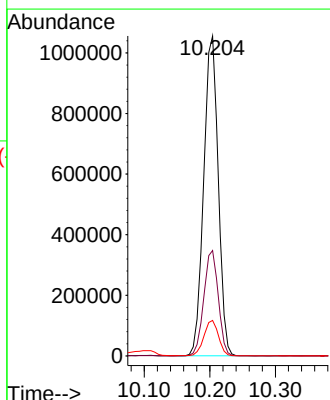
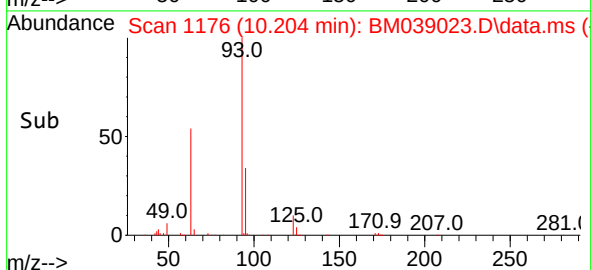
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

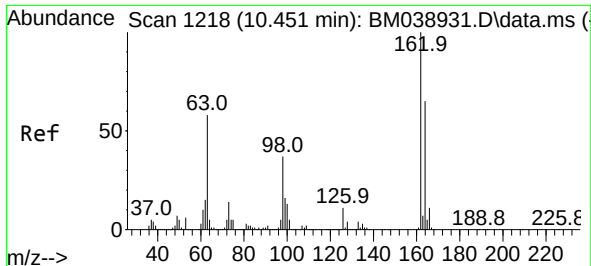


#28
bis(2-Chloroethoxy)methane
Concen: 46.249 ng
RT: 10.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



Tgt Ion: 93 Resp: 1616809
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.191 ng

RT: 10.439 min Scan# 1216

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

Tgt Ion:162 Resp: 1105616

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

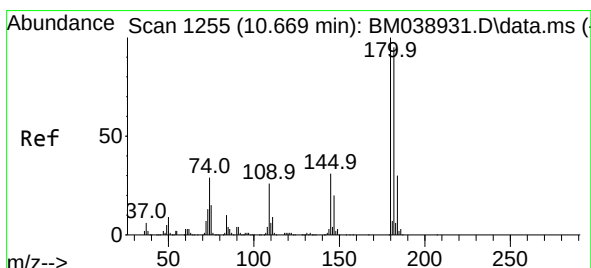
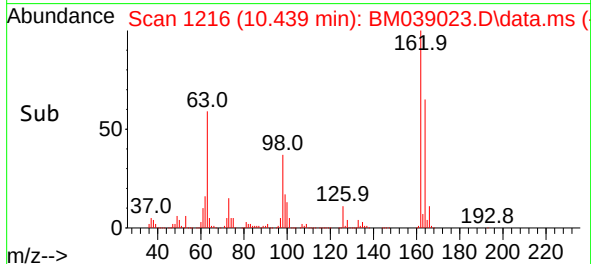
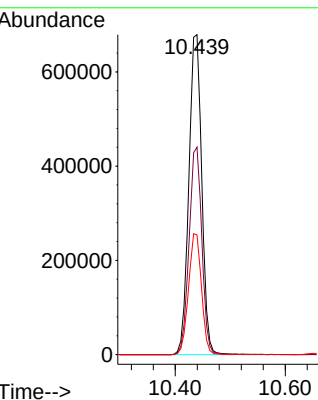
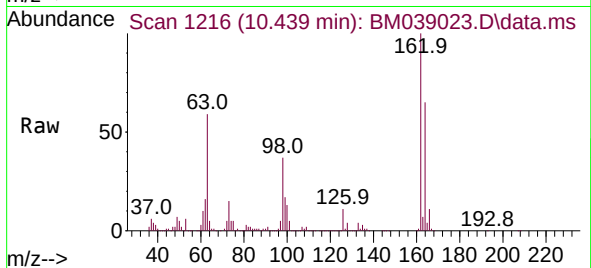
98 37.4 17.5 57.5

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.656 ng

RT: 10.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

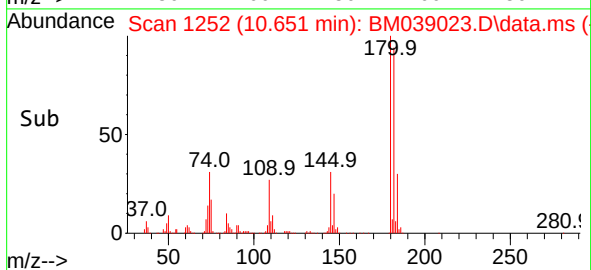
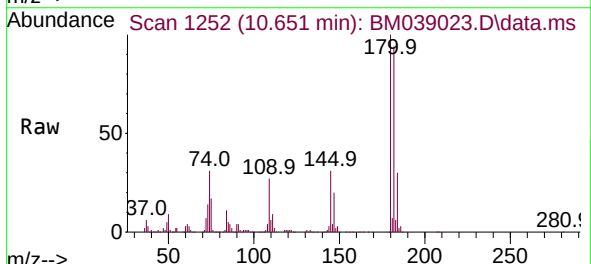
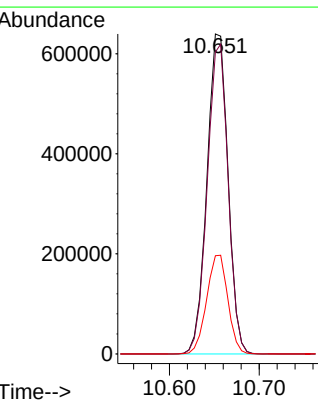
Tgt Ion:180 Resp: 1047670

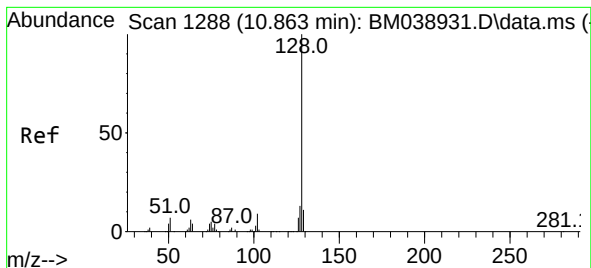
Ion Ratio Lower Upper

180 100

182 94.3 76.3 114.5

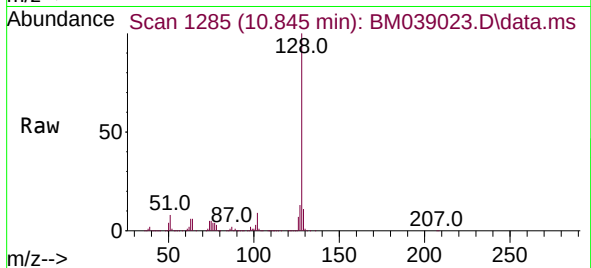
145 30.7 25.0 37.4





#31
Naphthalene
Concen: 42.960 ng
RT: 10.845 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

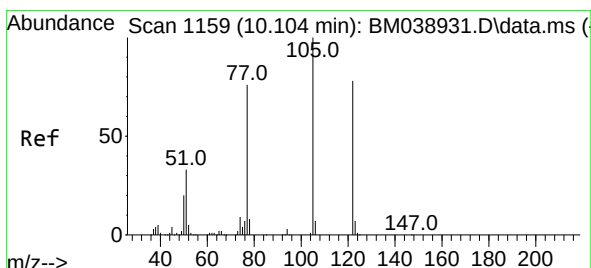
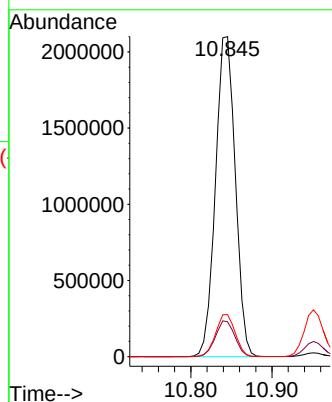
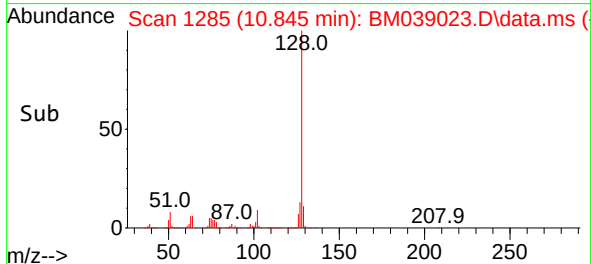
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:128 Resp: 3557629
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.2 15.4

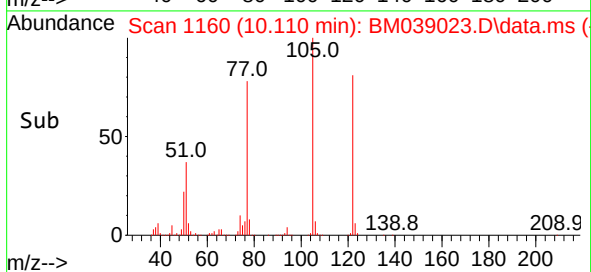
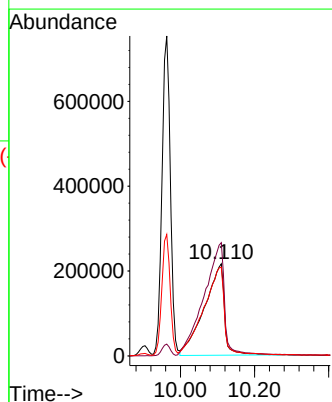
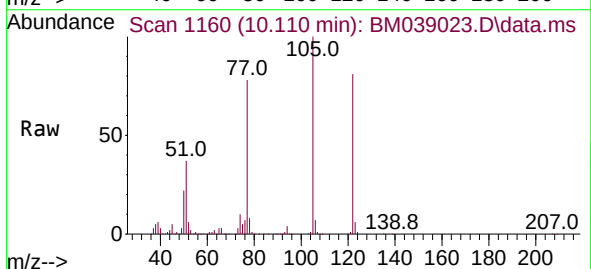
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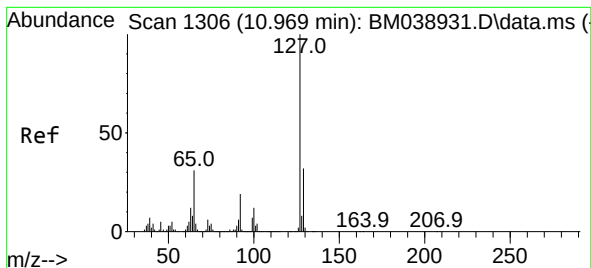
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#32
Benzoic acid
Concen: 47.153 ng
RT: 10.110 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:122 Resp: 818165
Ion Ratio Lower Upper
122 100
105 123.0 104.2 144.2
77 96.5 75.1 115.1





#33
4-Chloroaniline
Concen: 14.481 ng
RT: 10.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

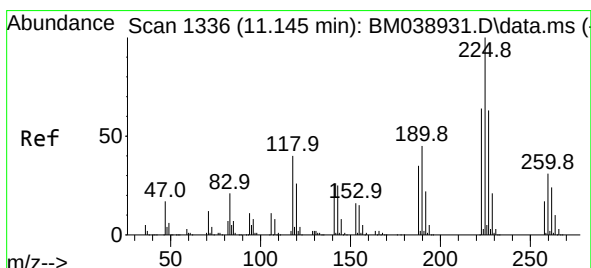
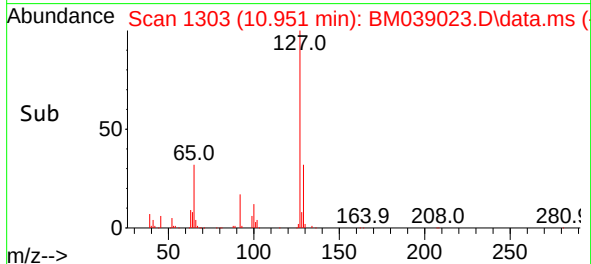
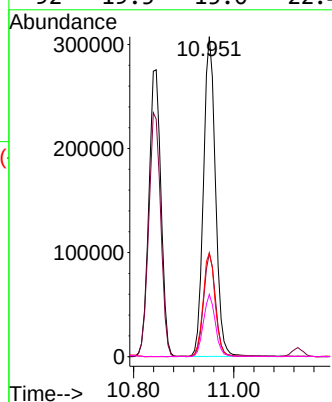
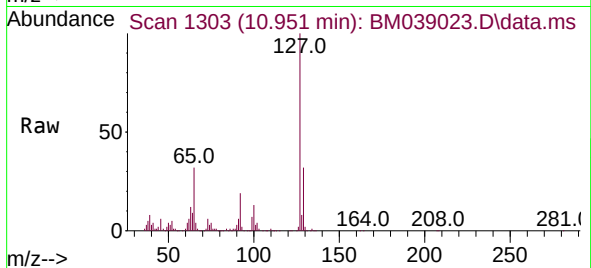
PB151470BS

Tgt Ion:127 Resp: 511082
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2
65 32.3 24.4 36.6
92 19.5 15.0 22.4

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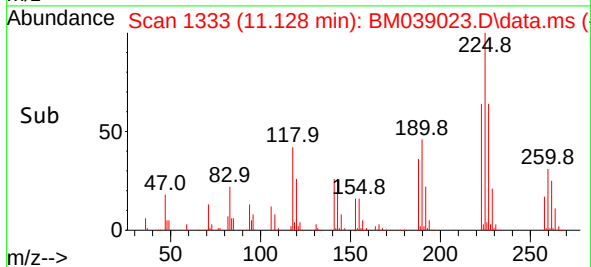
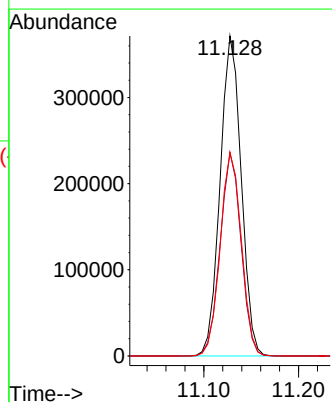
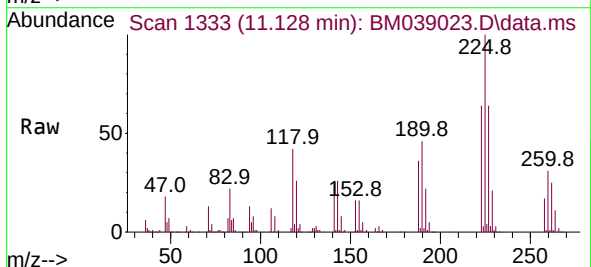
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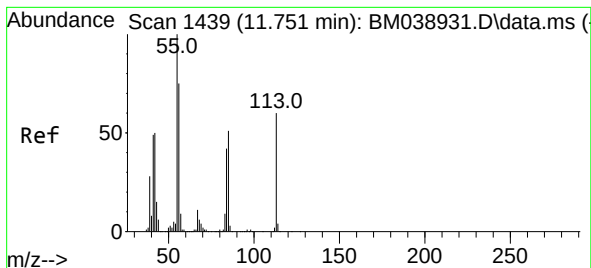
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#34
Hexachlorobutadiene
Concen: 40.809 ng
RT: 11.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

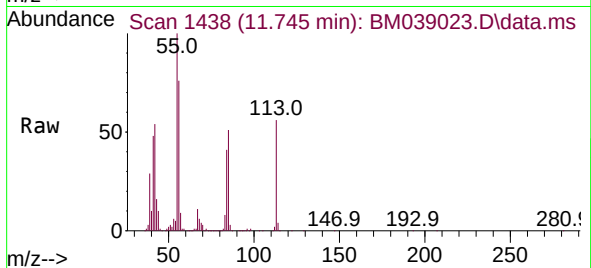
Tgt Ion:225 Resp: 574788
Ion Ratio Lower Upper
225 100
223 63.5 51.3 76.9
227 63.5 50.6 76.0





#35
Caprolactam
Concen: 50.737 ng m
RT: 11.745 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

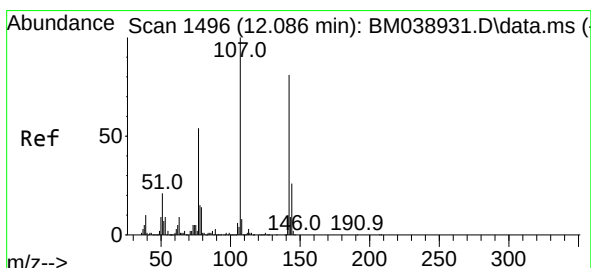
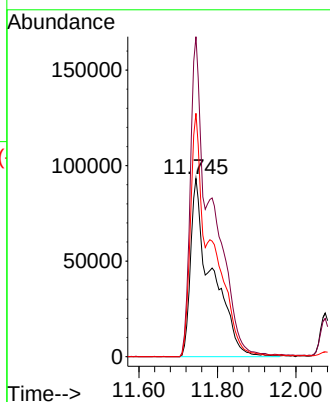
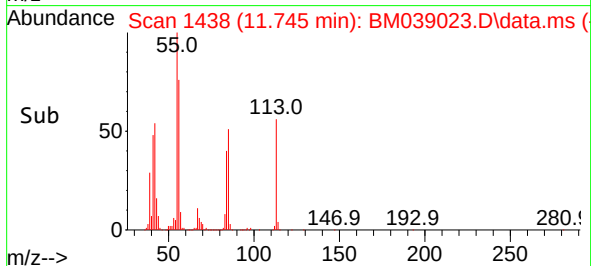
Instrument :
BNA_M
ClientSampleId :
PB151470BS



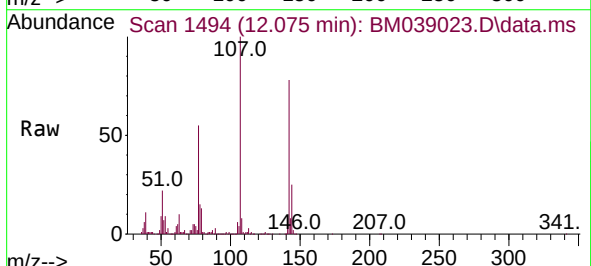
Tgt Ion:113 Resp: 347073
Ion Ratio Lower Upper
113 100
55 179.6 147.0 187.0
56 136.6 105.1 145.1

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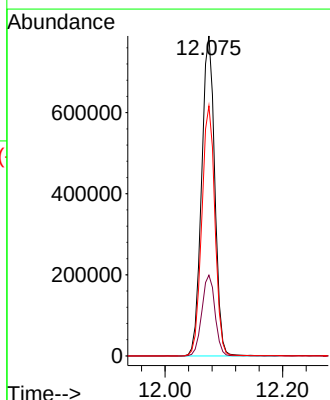
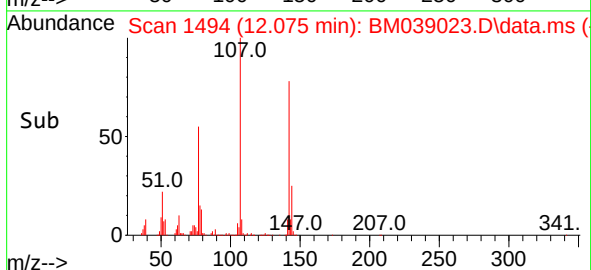
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

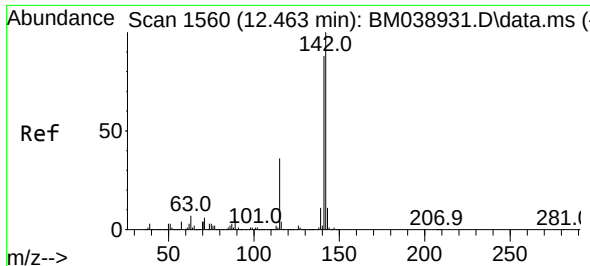


#36
4-Chloro-3-methylphenol
Concen: 51.190 ng
RT: 12.075 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



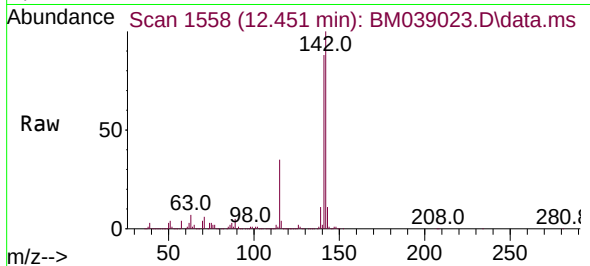
Tgt Ion:107 Resp: 1225155
Ion Ratio Lower Upper
107 100
144 25.2 20.7 31.1
142 78.1 64.6 97.0





#37
2-Methylnaphthalene
Concen: 43.902 ng
RT: 12.451 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

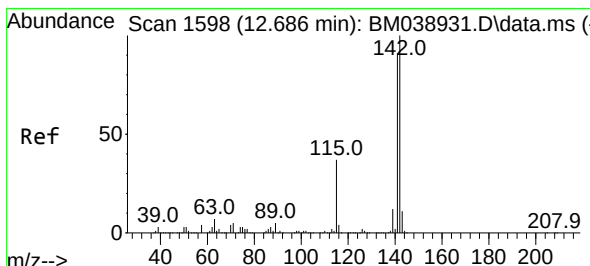
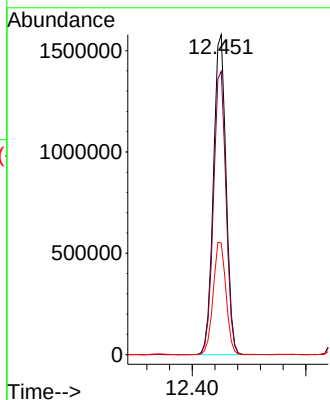
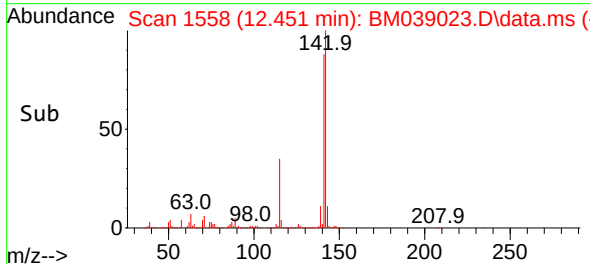
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:142 Resp: 2436814
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0
115 34.9 28.5 42.7

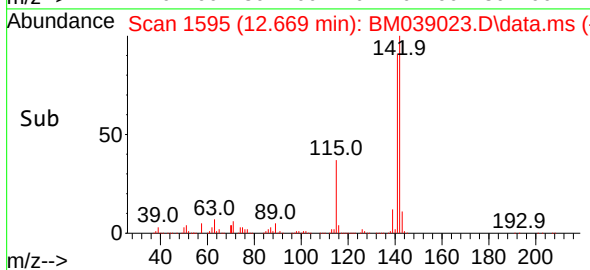
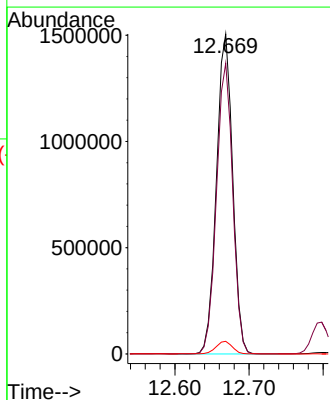
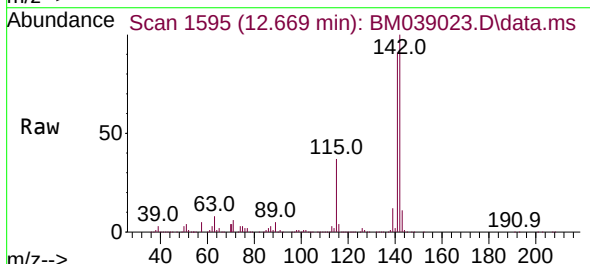
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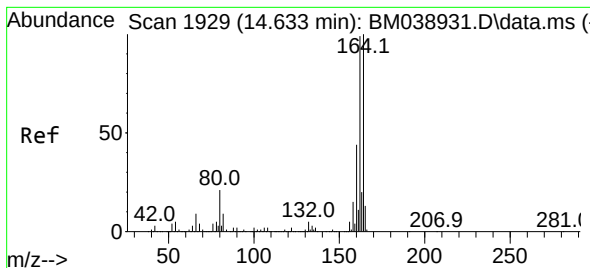
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#38
1-Methylnaphthalene
Concen: 43.883 ng
RT: 12.669 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:142 Resp: 2282638
Ion Ratio Lower Upper
142 100
141 90.8 72.8 109.2
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM039023.D

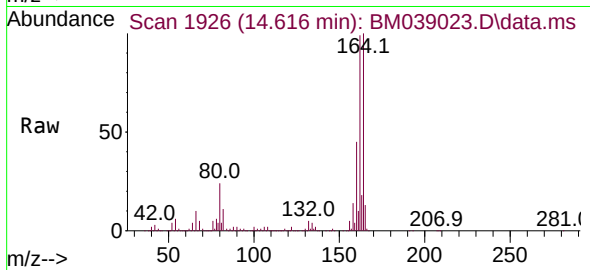
Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS



Tgt Ion:164 Resp: 854842

Ion Ratio Lower Upper

164 100

162 98.8 79.2 118.8

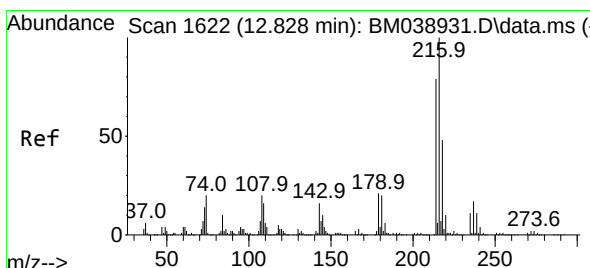
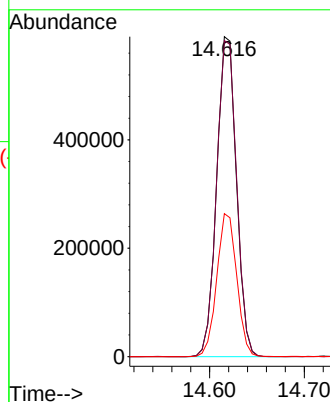
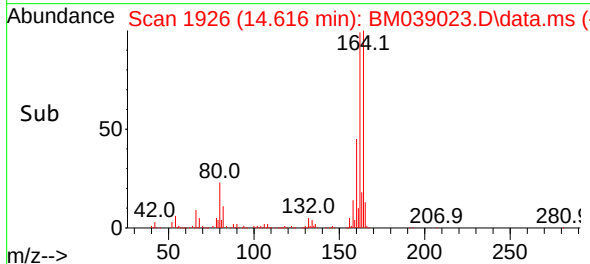
160 44.7 35.5 53.3

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.082 ng

RT: 12.816 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Tgt Ion:216 Resp: 1169483

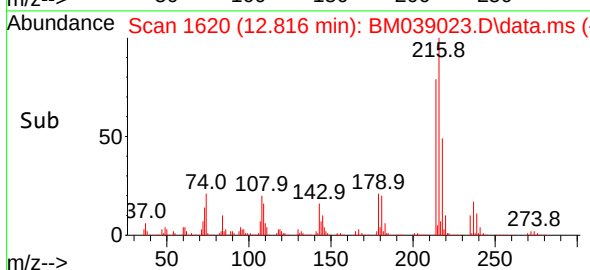
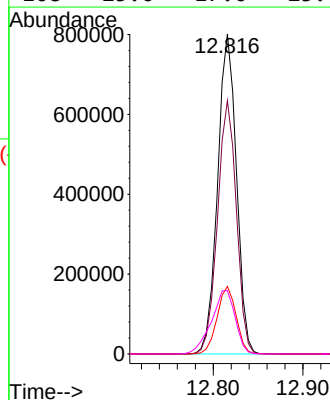
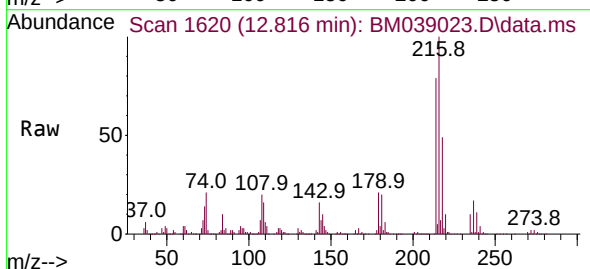
Ion Ratio Lower Upper

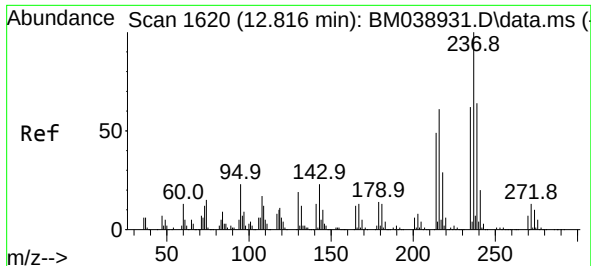
216 100

214 79.3 63.0 94.4

179 21.2 16.8 25.2

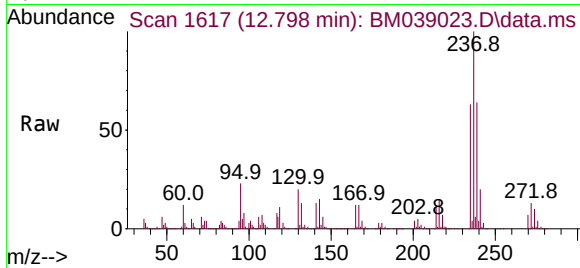
108 25.0 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 107.517 ng
RT: 12.798 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

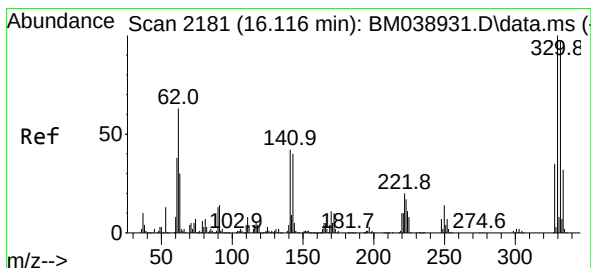
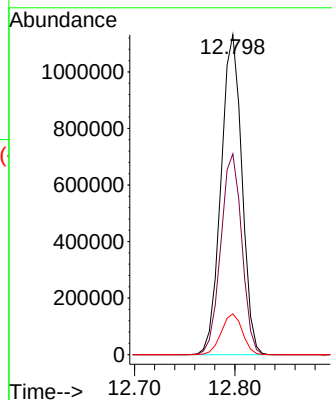
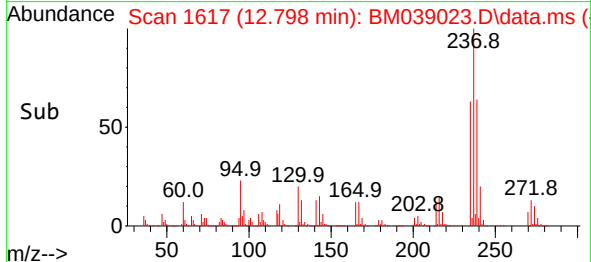
Instrument :
BNA_M
ClientSampleId :
PB151470BS



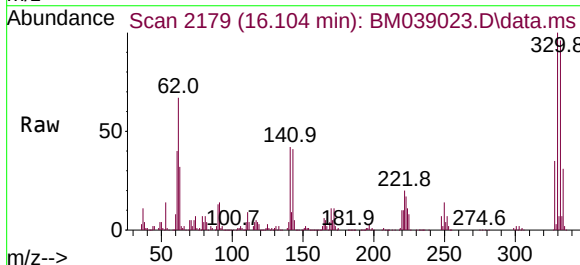
Tgt Ion:237 Resp: 1640108
Ion Ratio Lower Upper
237 100
235 62.7 41.7 81.7
272 12.7 0.0 33.2

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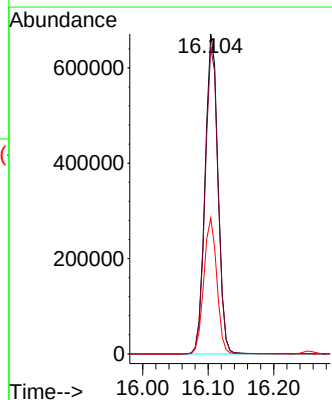
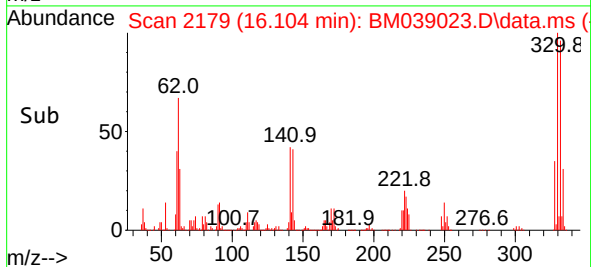
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

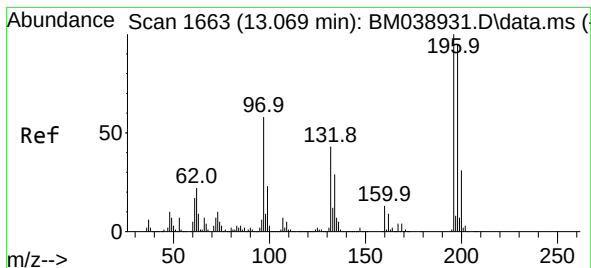


#42
2,4,6-Tribromophenol
Concen: 92.265 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



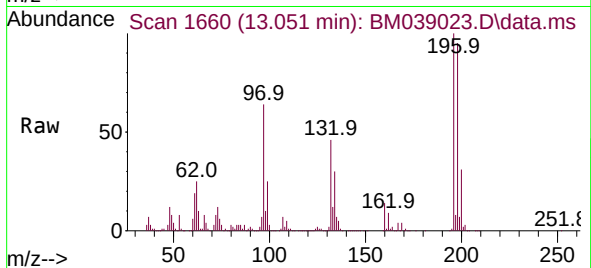
Tgt Ion:330 Resp: 912421
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 42.7 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 45.883 ng
RT: 13.051 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

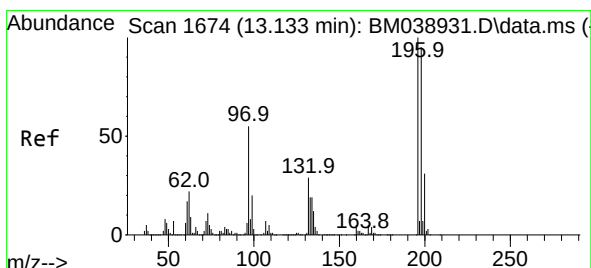
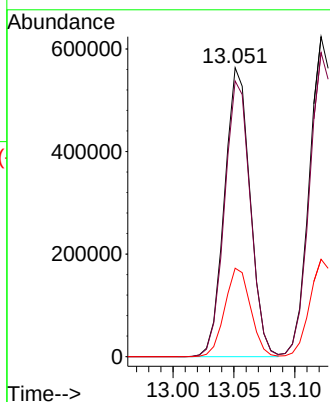
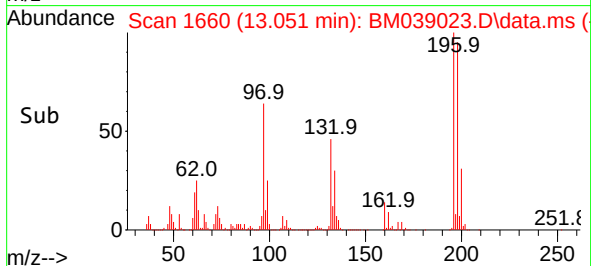
Instrument :
BNA_M
ClientSampleId :
PB151470BS



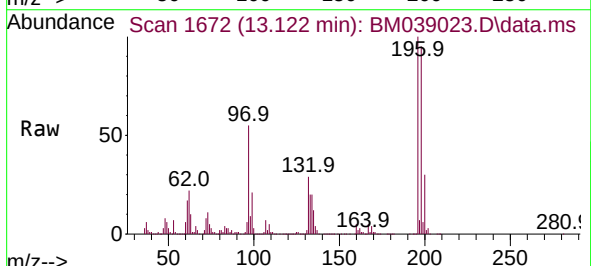
Tgt Ion:196 Resp: 82570
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.8
200 30.6 25.0 37.4

Manual Integrations
APPROVED

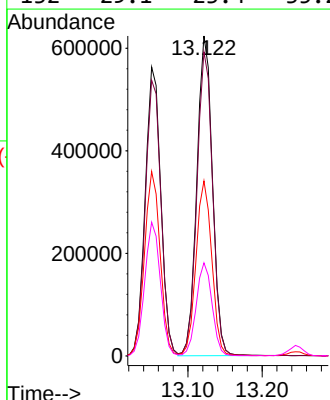
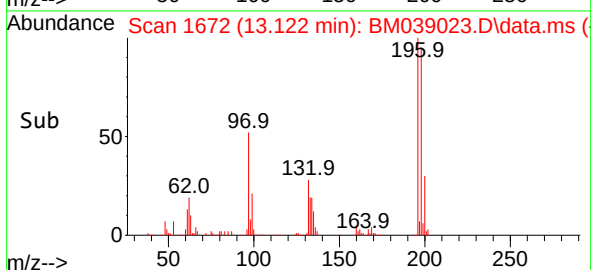
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

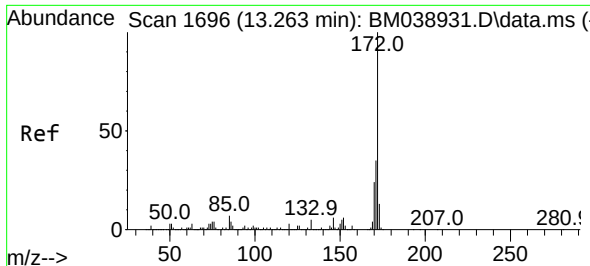


#44
2,4,5-Trichlorophenol
Concen: 43.414 ng
RT: 13.122 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



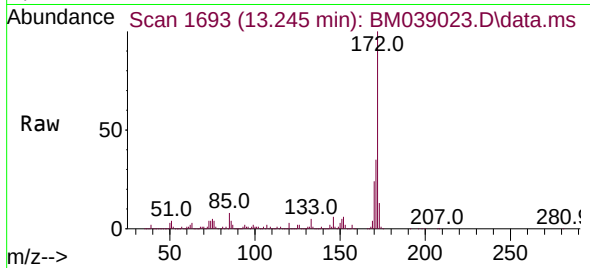
Tgt Ion:196 Resp: 914482
Ion Ratio Lower Upper
196 100
198 95.0 76.3 114.5
97 54.7 44.2 66.4
132 29.1 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 88.118 ng
RT: 13.245 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

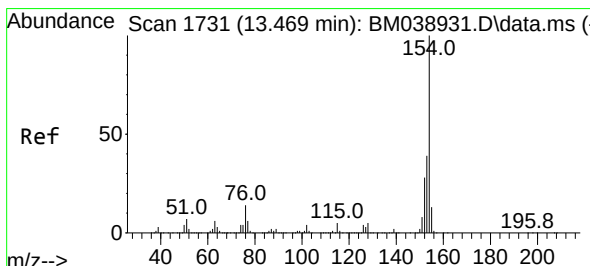
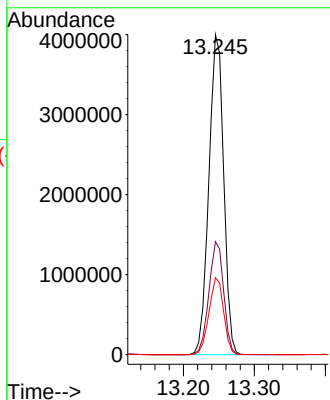
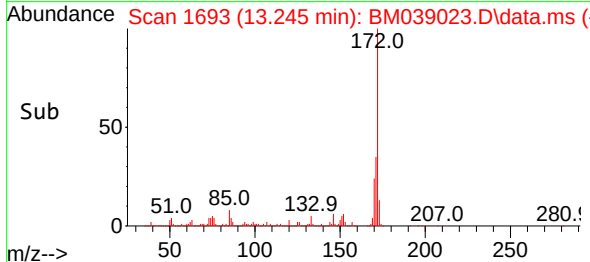
Instrument :
BNA_M
ClientSampleId :
PB151470BS



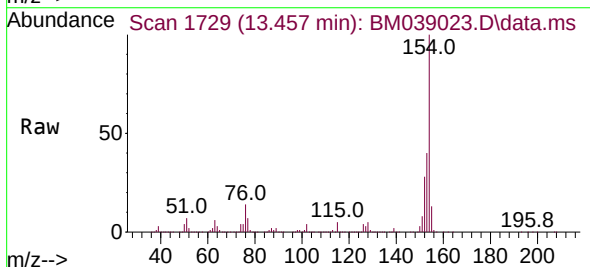
Tgt Ion:172 Resp: 5786370
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 19.1 28.7

Manual Integrations
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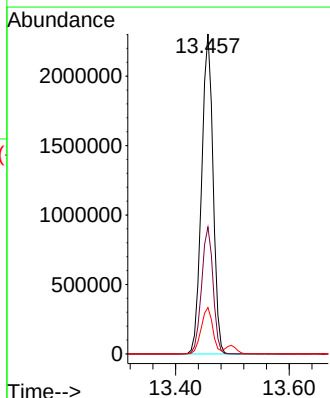
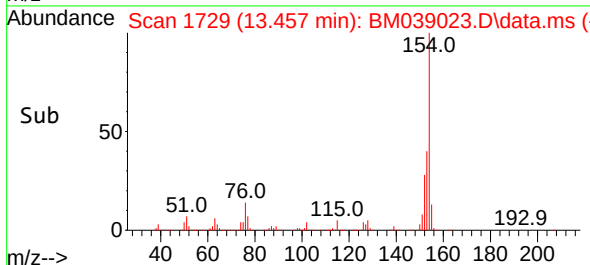
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

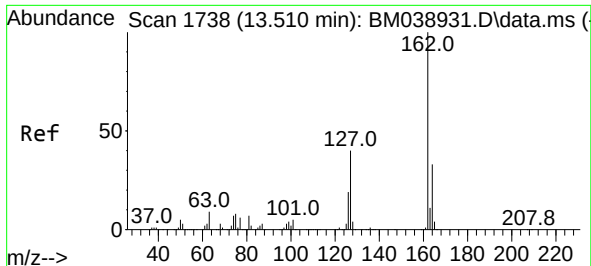


#46
1,1'-Biphenyl
Concen: 44.504 ng
RT: 13.457 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



Tgt Ion:154 Resp: 3222973
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 14.5 0.0 34.0





#47
2-Chloronaphthalene
Concen: 44.062 ng
RT: 13.498 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

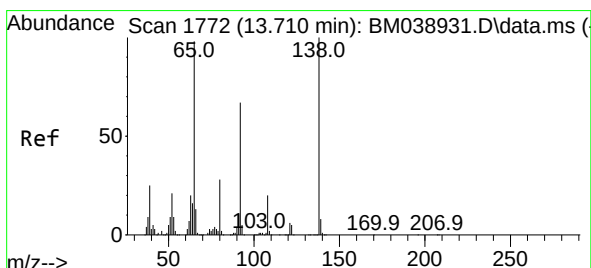
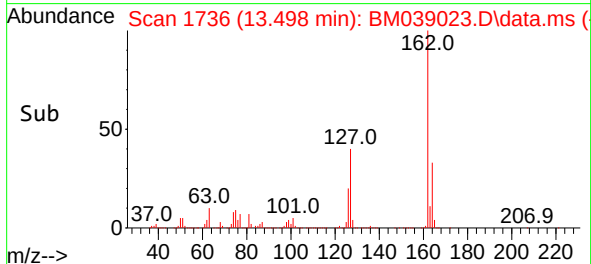
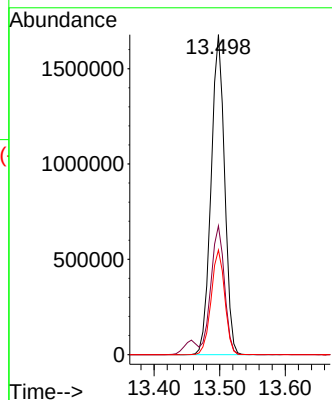
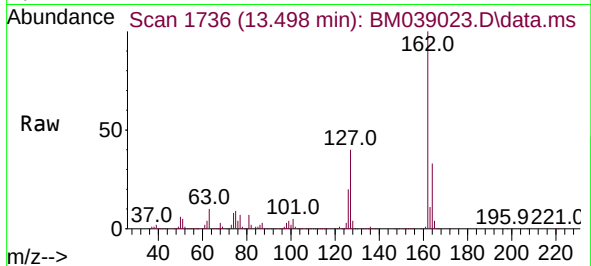
PB151470BS

Tgt Ion:162 Resp: 2406198
Ion Ratio Lower Upper
162 100
127 40.2 32.1 48.1
164 32.7 26.2 39.4

Manual Integrations

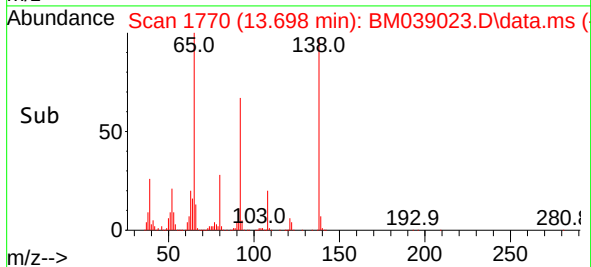
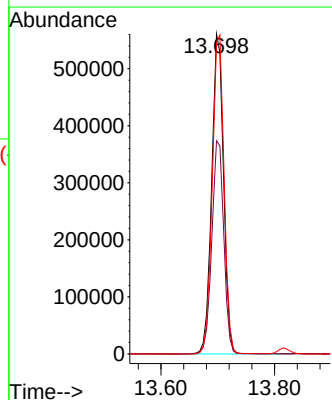
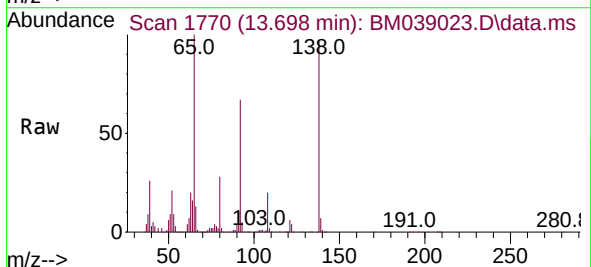
APPROVED

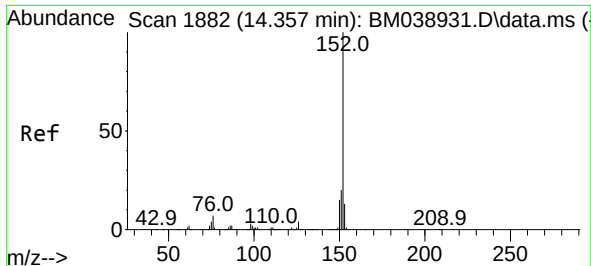
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#48
2-Nitroaniline
Concen: 46.608 ng
RT: 13.698 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

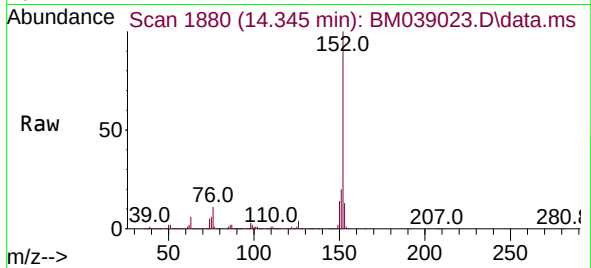
Tgt Ion: 65 Resp: 813744
Ion Ratio Lower Upper
65 100
92 66.6 54.9 82.3
138 97.4 81.6 122.4





#49
Acenaphthylene
Concen: 44.860 ng
RT: 14.345 min Scan# 1882
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

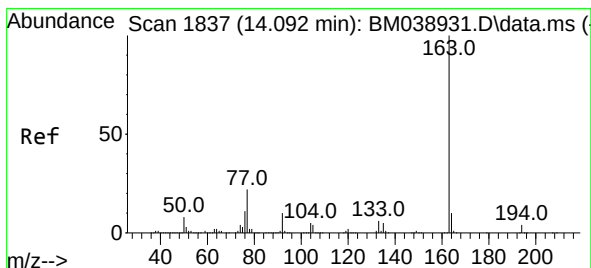
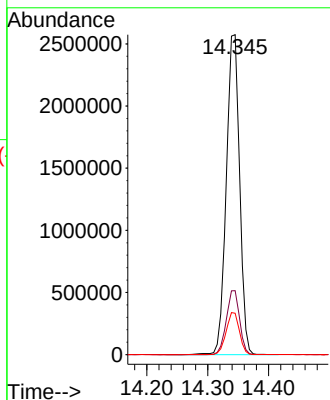
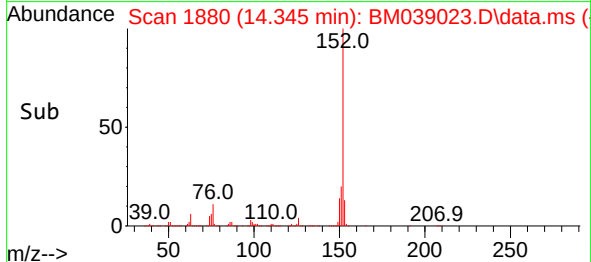
Instrument :
BNA_M
ClientSampleId :
PB151470BS



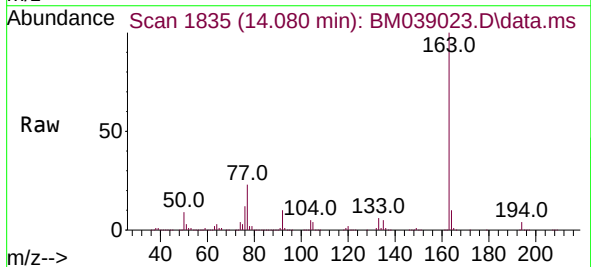
Tgt Ion:152 Resp: 3902188
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.9 10.4 15.6

Manual Integrations
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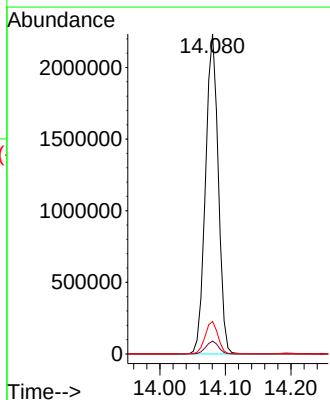
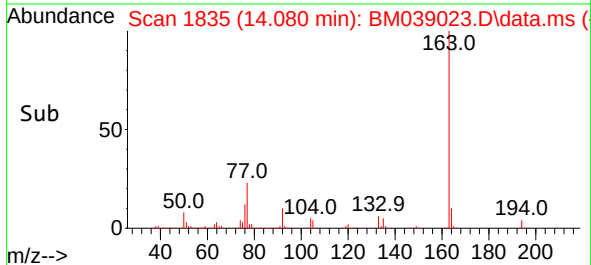
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

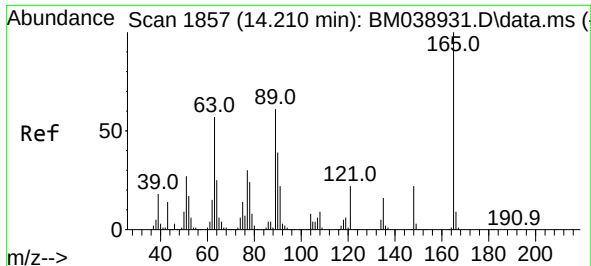


#50
Dimethylphthalate
Concen: 45.662 ng
RT: 14.080 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



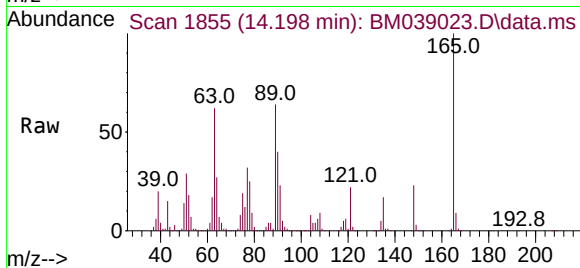
Tgt Ion:163 Resp: 3003592
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.622 ng
RT: 14.198 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

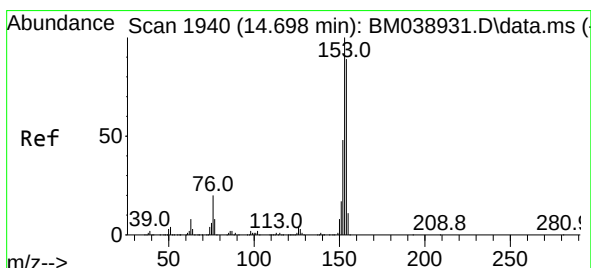
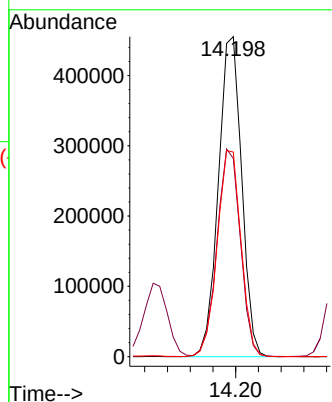
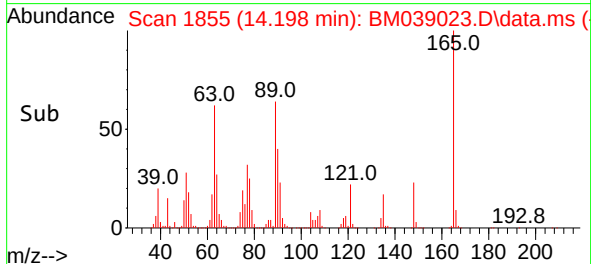
Instrument :
BNA_M
ClientSampleId :
PB151470BS



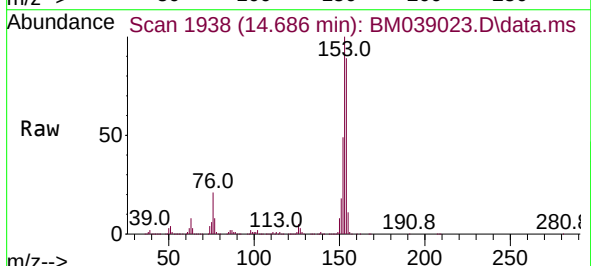
Tgt Ion:165 Resp: 647643
Ion Ratio Lower Upper
165 100
63 61.9 46.6 70.0
89 63.9 48.6 73.0

Manual Integrations
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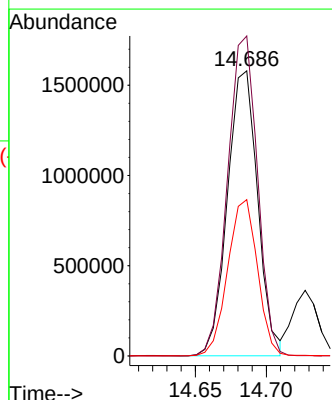
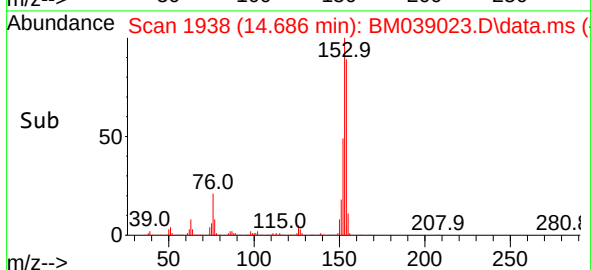
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

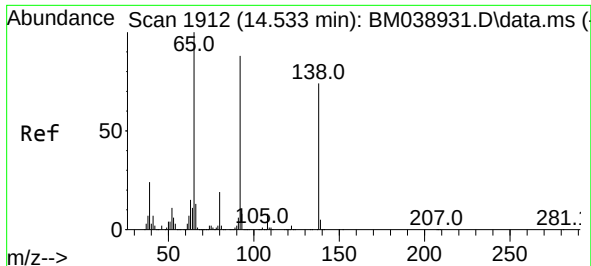


#52
Acenaphthene
Concen: 43.845 ng
RT: 14.686 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



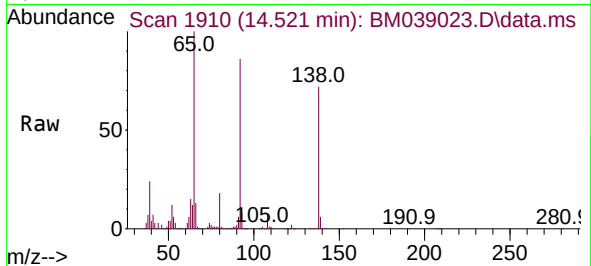
Tgt Ion:154 Resp: 2343894
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 54.8 43.4 65.2





#53
3-Nitroaniline
Concen: 21.299 ng
RT: 14.521 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

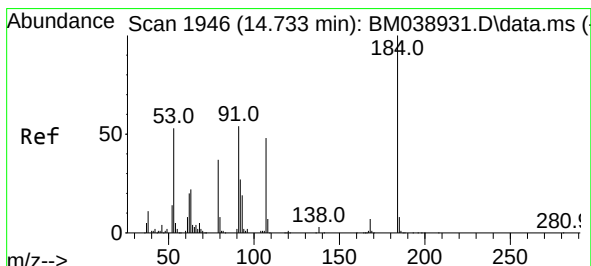
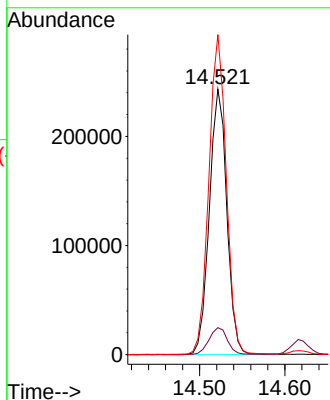
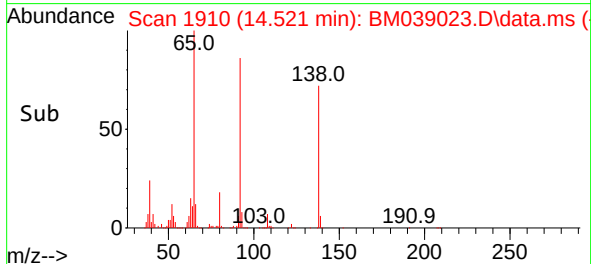
Instrument :
BNA_M
ClientSampleId :
PB151470BS



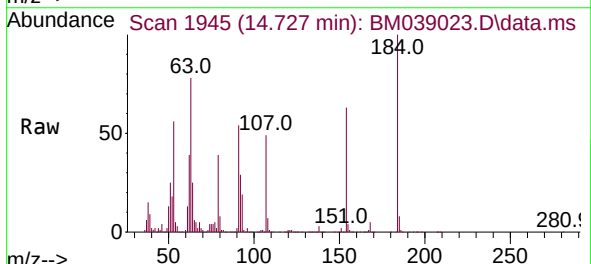
Tgt Ion:138 Resp: 346661
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 120.6 95.8 143.8

Manual Integrations
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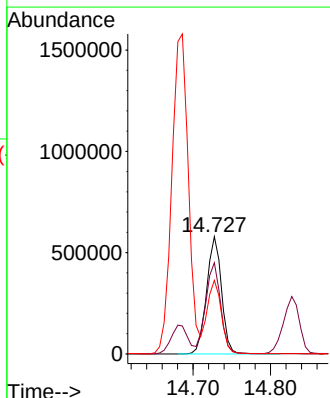
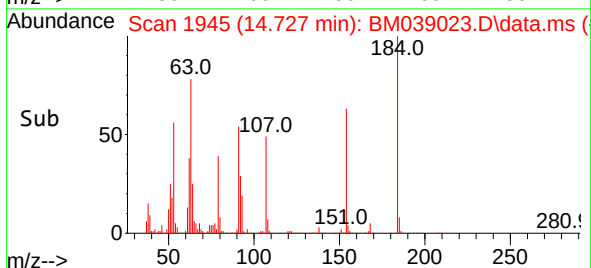
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

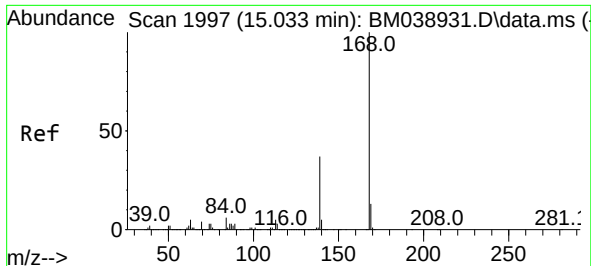


#54
2,4-Dinitrophenol
Concen: 91.542 ng
RT: 14.727 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



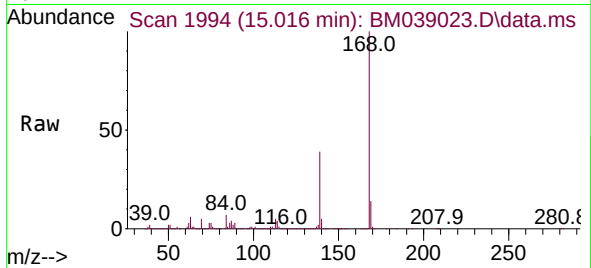
Tgt Ion:184 Resp: 772120
Ion Ratio Lower Upper
184 100
63 77.7 60.6 90.8
154 62.7 51.4 77.2





#55
Dibenzenofuran
Concen: 43.822 ng
RT: 15.016 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

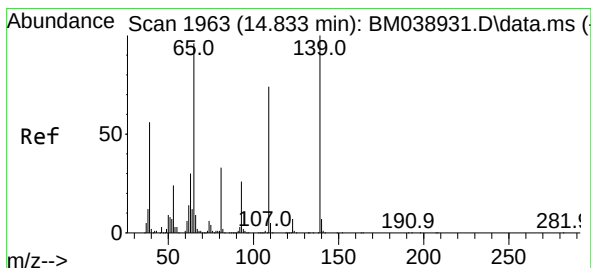
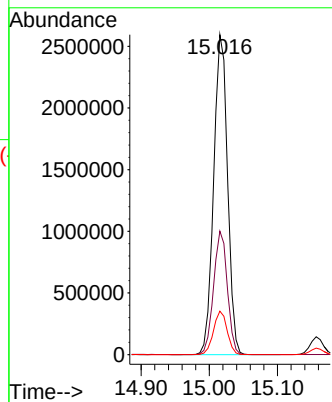
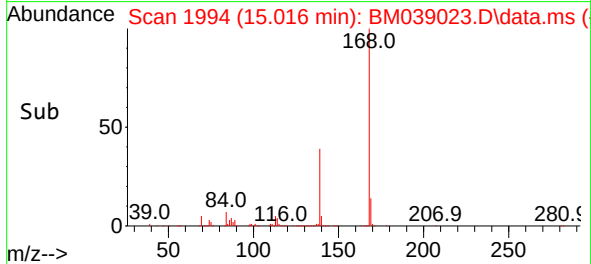
Instrument :
BNA_M
ClientSampleId :
PB151470BS



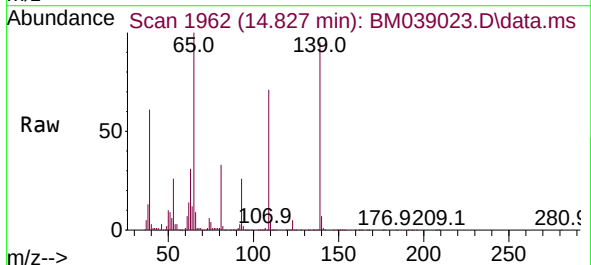
Tgt Ion:168 Resp: 3665895
Ion Ratio Lower Upper
168 100
139 38.6 29.9 44.9
169 13.6 10.7 16.1

Manual Integrations
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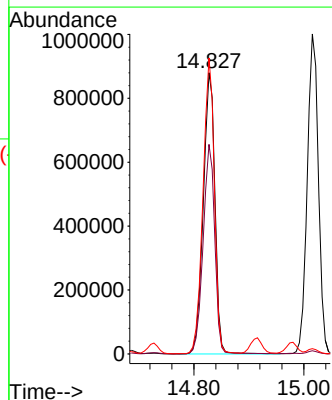
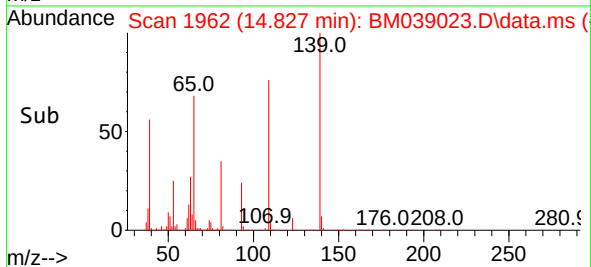
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

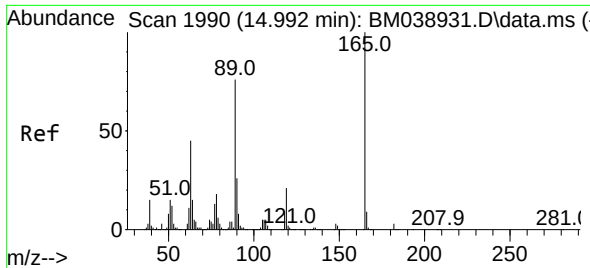


#56
4-Nitrophenol
Concen: 98.849 ng
RT: 14.827 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



Tgt Ion:139 Resp: 1291360
Ion Ratio Lower Upper
139 100
109 74.5 53.5 93.5
65 105.2 76.4 116.4





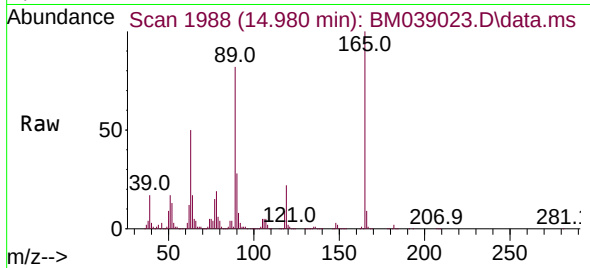
#57
2,4-Dinitrotoluene
Concen: 46.034 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

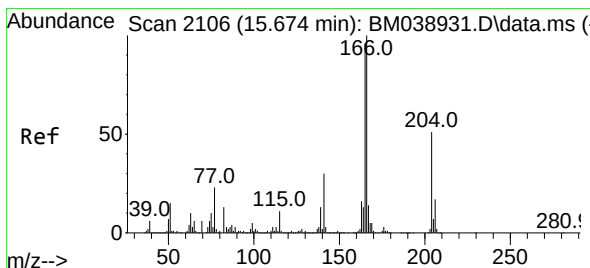
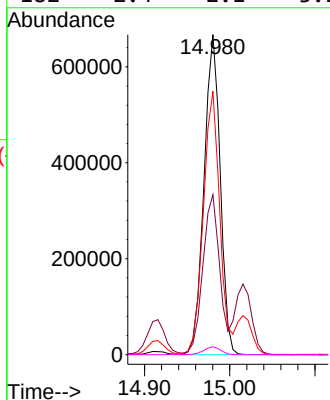
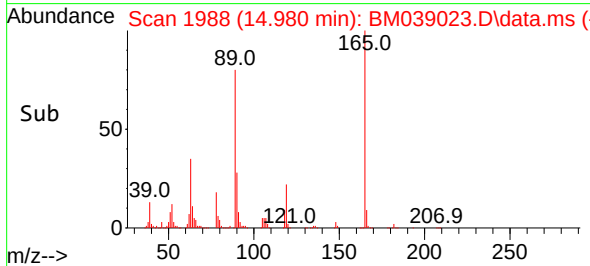


Tgt Ion:165 Resp: 879610
Ion Ratio Lower Upper
165 100
63 50.0 35.9 53.9
89 82.3 61.0 91.6
182 2.4 2.1 3.1

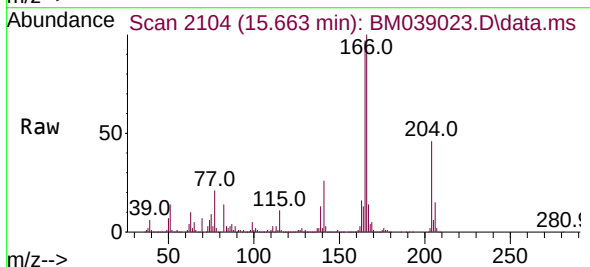
Manual Integrations

APPROVED

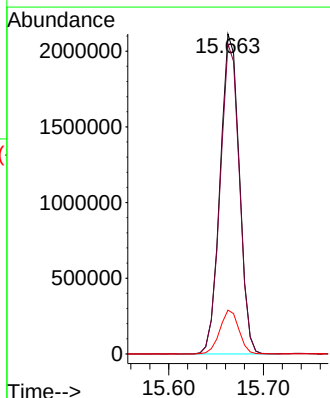
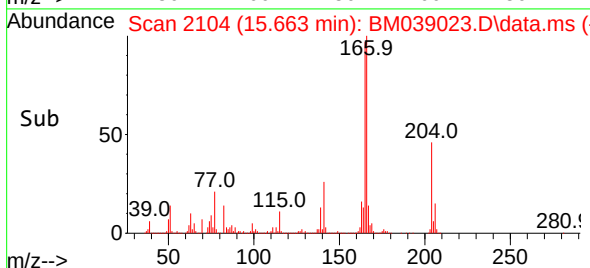
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

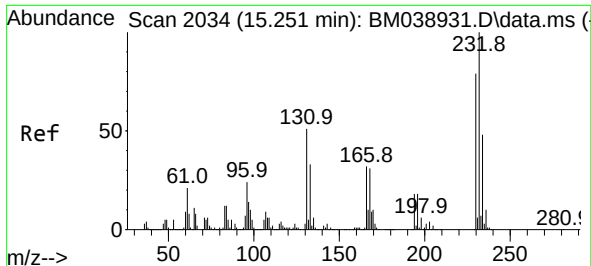


#58
Fluorene
Concen: 45.346 ng
RT: 15.663 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



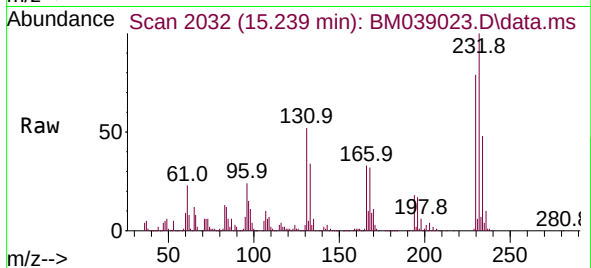
Tgt Ion:166 Resp: 2971475
Ion Ratio Lower Upper
166 100
165 96.9 77.1 115.7
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.466 ng
RT: 15.239 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

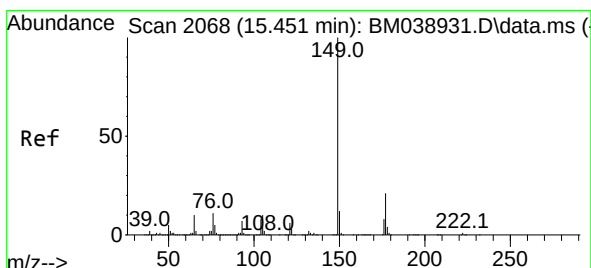
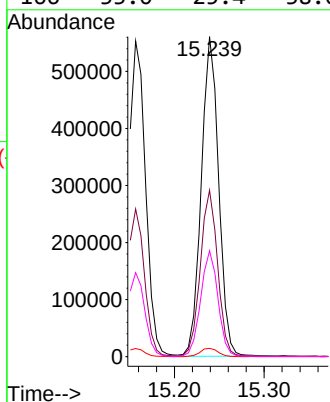
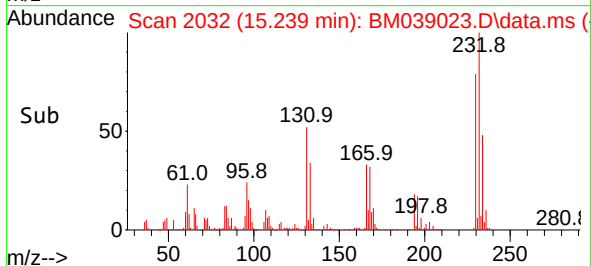
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:232 Resp: 754846
Ion Ratio Lower Upper
232 100
131 51.9 40.0 60.0
130 2.7 2.0 3.0
166 33.0 25.4 38.0

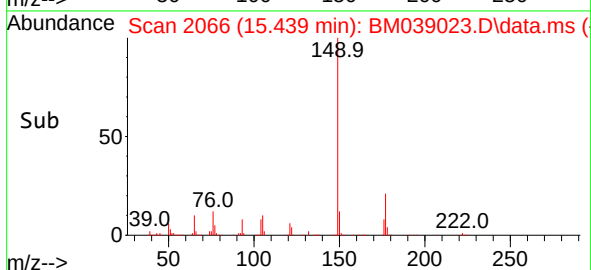
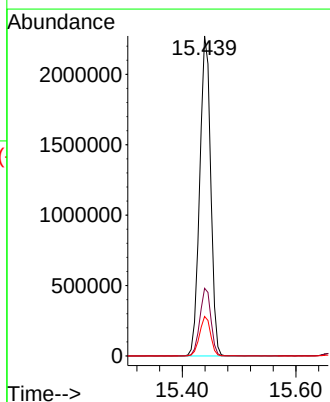
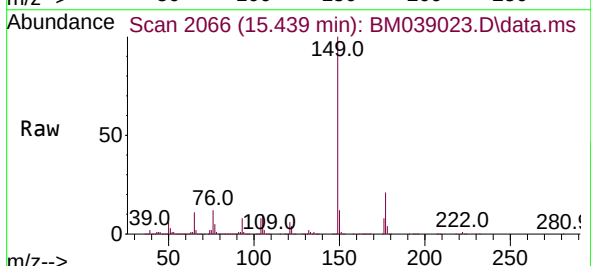
Manual Integrations
APPROVED

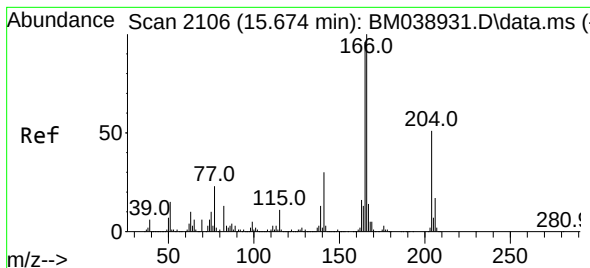
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#60
Diethylphthalate
Concen: 47.426 ng
RT: 15.439 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

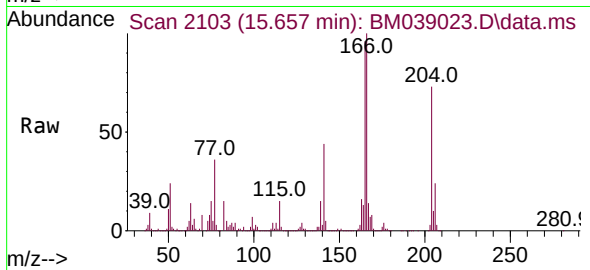
Tgt Ion:149 Resp: 3035429
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 44.459 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

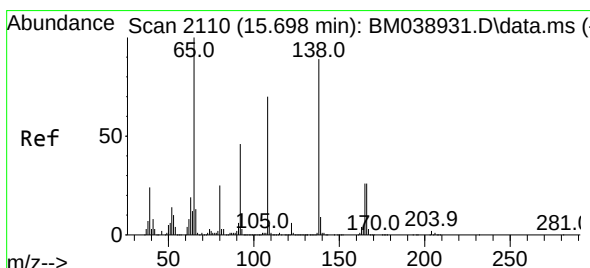
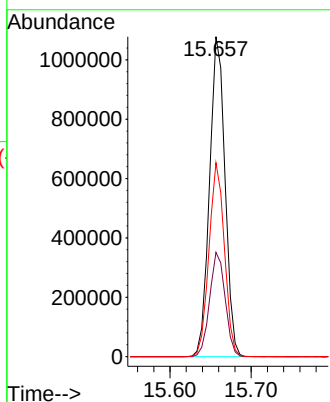
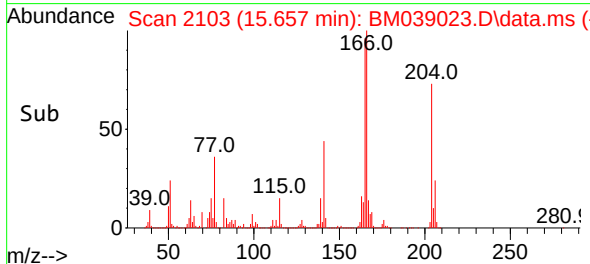
Instrument :
BNA_M
ClientSampleId :
PB151470BS



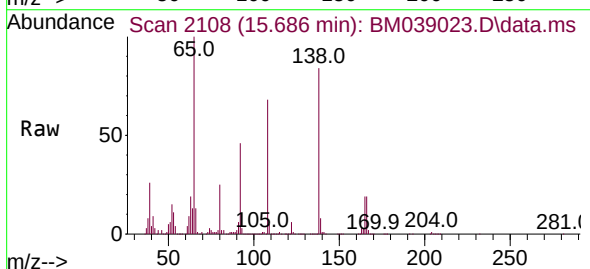
Tgt Ion:204 Resp: 1431250
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 60.6 46.4 69.6

Manual Integrations
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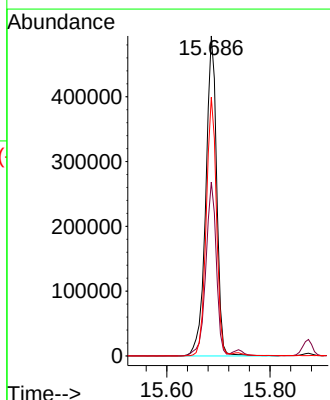
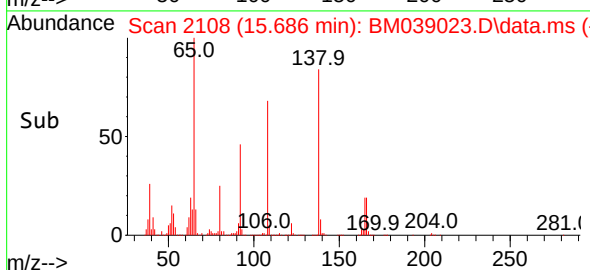
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

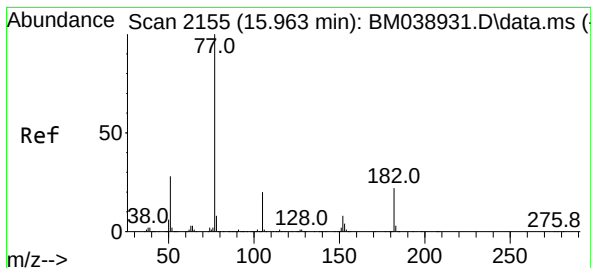


#62
4-Nitroaniline
Concen: 42.059 ng
RT: 15.686 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



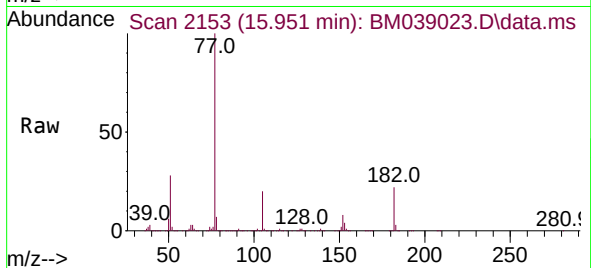
Tgt Ion:138 Resp: 724133
Ion Ratio Lower Upper
138 100
92 54.3 31.6 71.6
108 80.8 58.6 98.6





#63
Azobenzene
Concen: 49.889 ng
RT: 15.951 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

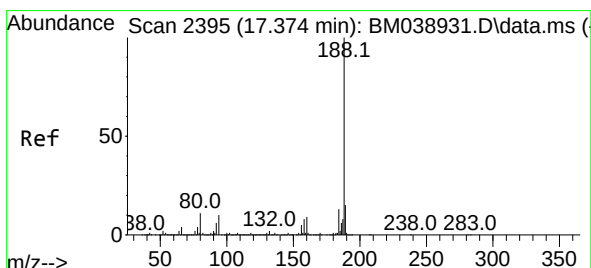
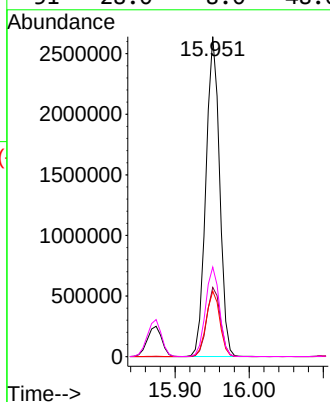
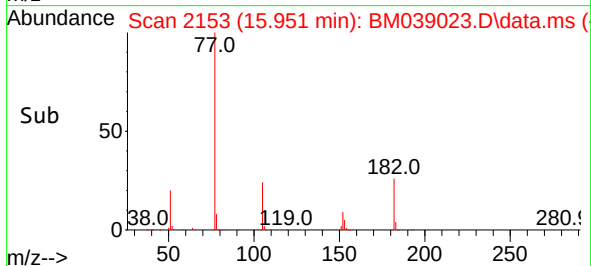
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion: 77 Resp: 337864
Ion Ratio Lower Upper
77 100
182 21.6 2.0 42.0
105 20.4 0.4 40.4
51 28.0 8.0 48.0

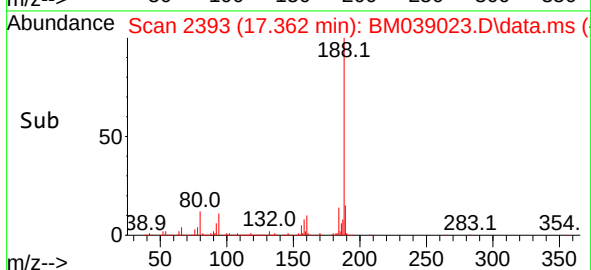
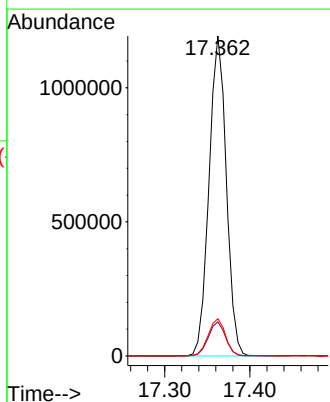
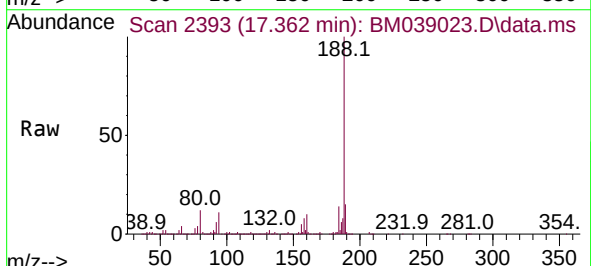
Manual Integrations
APPROVED

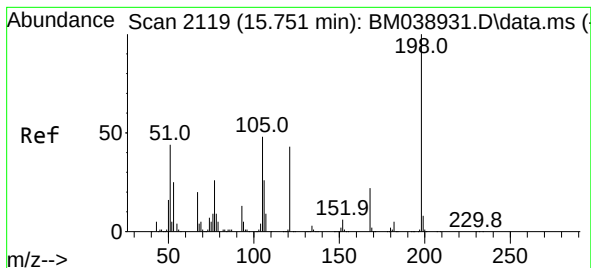
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

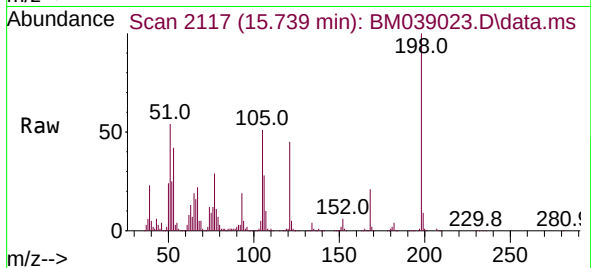
Tgt Ion:188 Resp: 1678900
Ion Ratio Lower Upper
188 100
94 10.6 7.9 11.9
80 11.6 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 43.146 ng
RT: 15.739 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

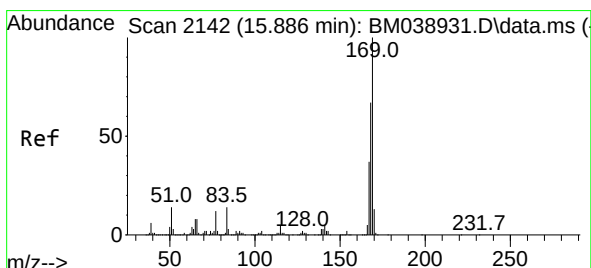
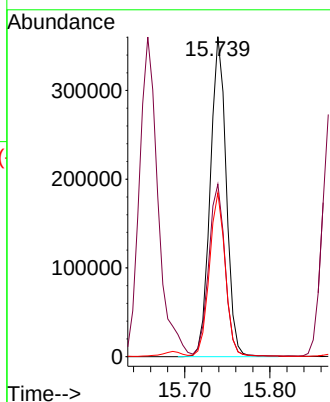
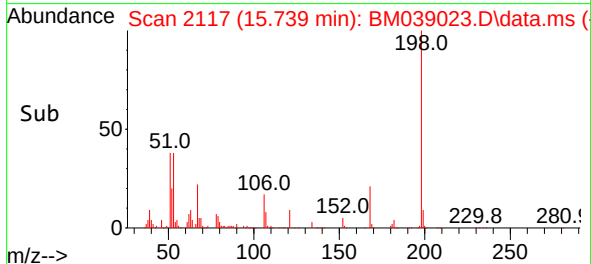
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:198 Resp: 469693
Ion Ratio Lower Upper
198 100
51 53.9 30.1 70.1
105 51.2 29.3 69.3

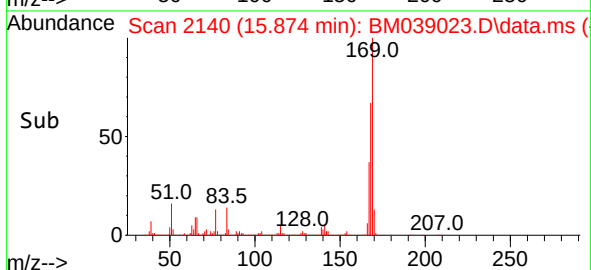
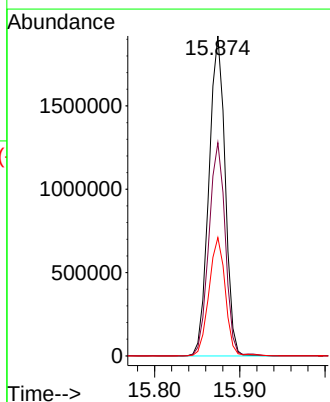
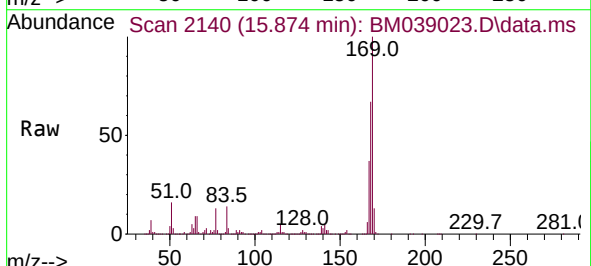
Manual Integrations
APPROVED

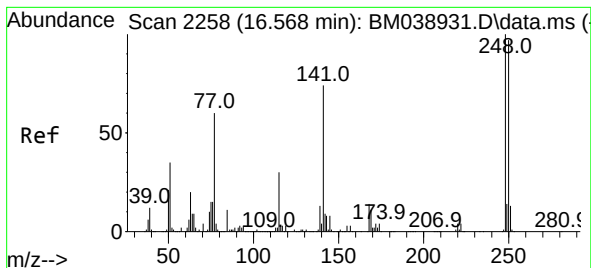
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#66
n-Nitrosodiphenylamine
Concen: 44.862 ng
RT: 15.874 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:169 Resp: 2539161
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 37.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 44.439 ng
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

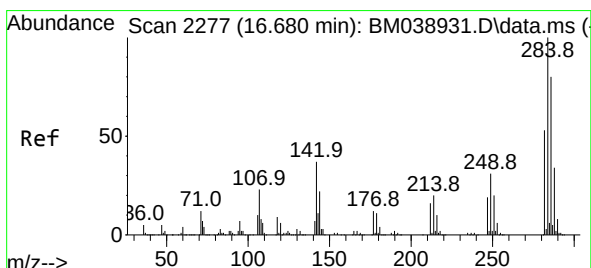
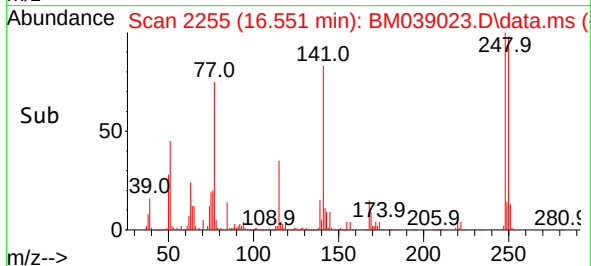
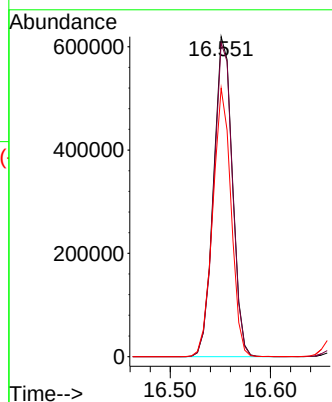
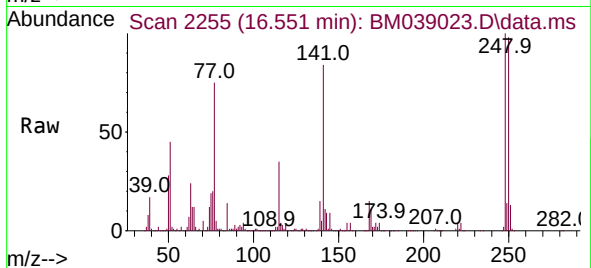
PB151470BS

Tgt Ion:248 Resp: 805852
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.8
141 83.9 59.0 88.4

Manual Integrations

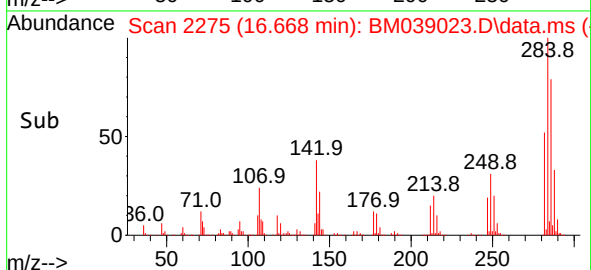
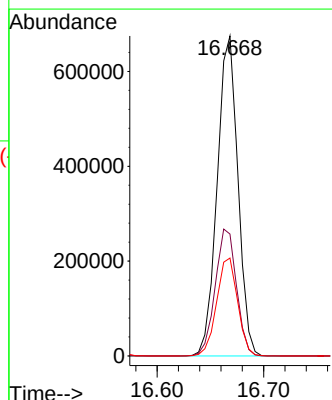
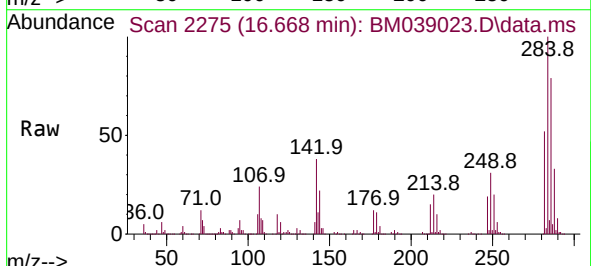
APPROVED

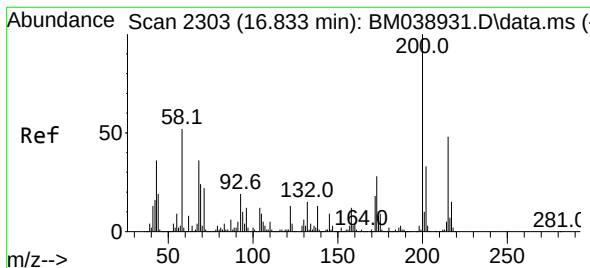
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#68
Hexachlorobenzene
Concen: 45.039 ng
RT: 16.668 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:284 Resp: 913038
Ion Ratio Lower Upper
284 100
142 38.1 29.5 44.3
249 30.6 25.0 37.4





#69

Atrazine

Concen: 51.826 ng

RT: 16.827 min Scan# 2303

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

Tgt Ion:200 Resp: 801226

Ion Ratio Lower Upper

200 100

173 27.3 8.2 48.2

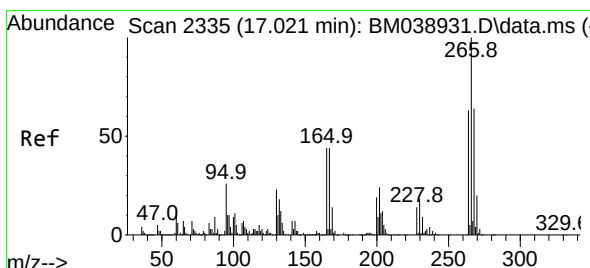
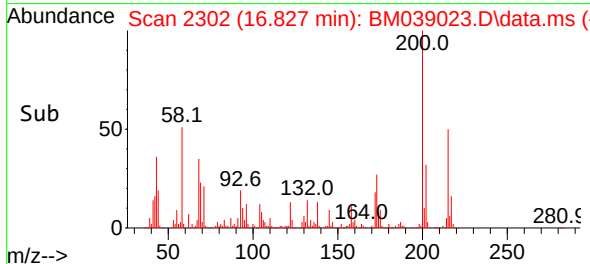
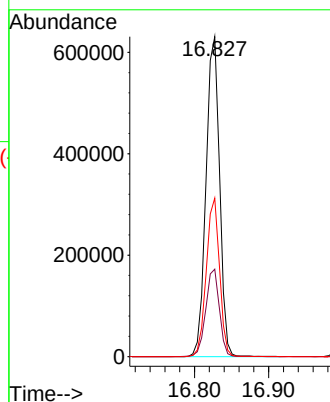
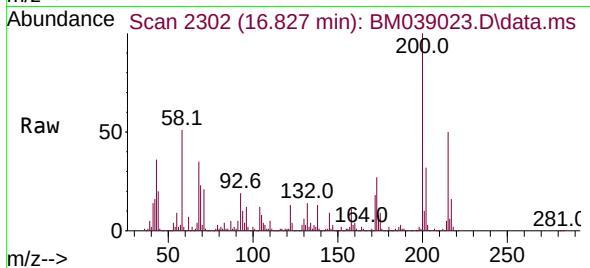
215 49.5 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#70

Pentachlorophenol

Concen: 82.183 ng

RT: 17.010 min Scan# 2333

Delta R.T. 0.000 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

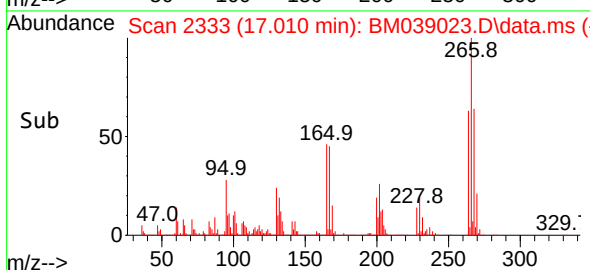
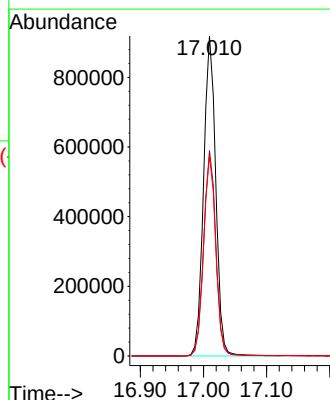
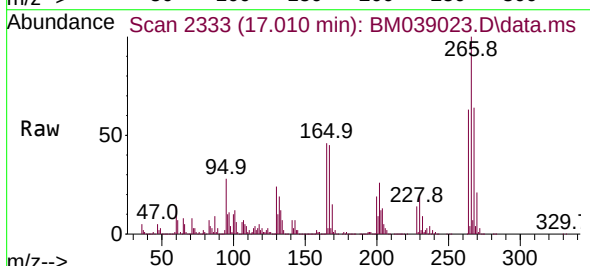
Tgt Ion:266 Resp: 1225348

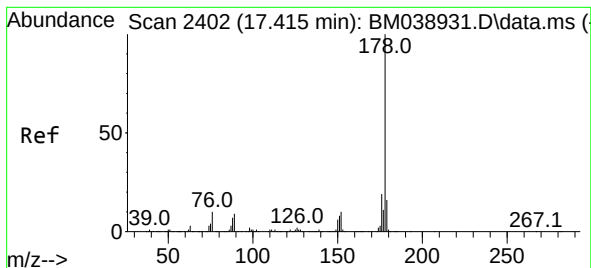
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 62.6 50.3 75.5





#71

Phenanthrene

Concen: 44.294 ng

RT: 17.404 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

Tgt Ion:178 Resp: 4364524

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

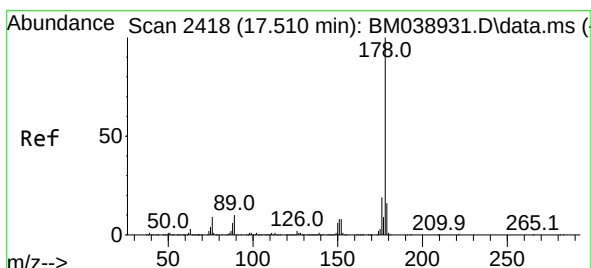
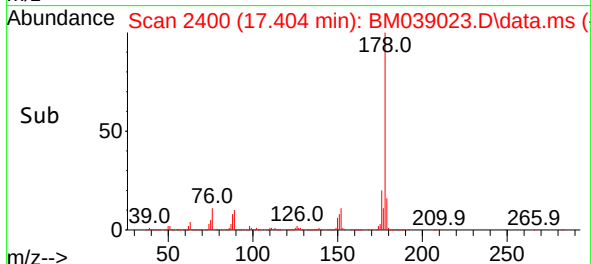
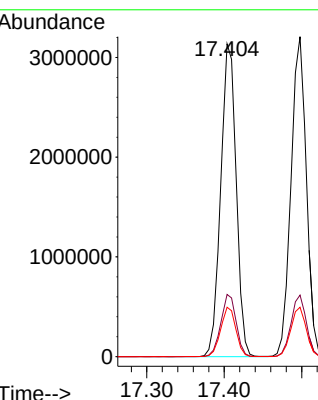
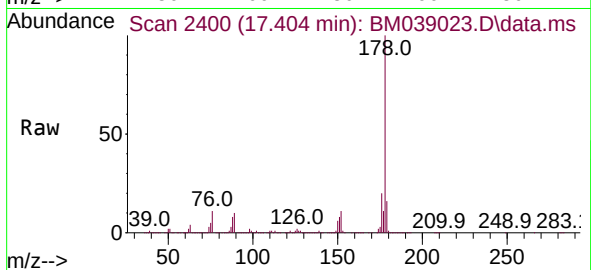
179 15.8 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#72

Anthracene

Concen: 45.205 ng

RT: 17.498 min Scan# 2416

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

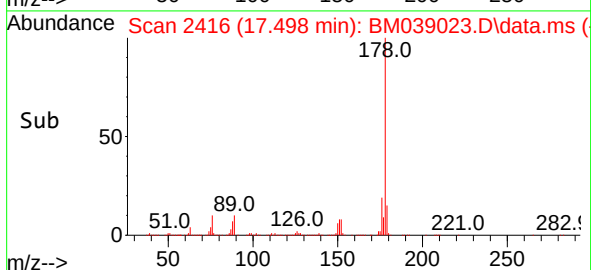
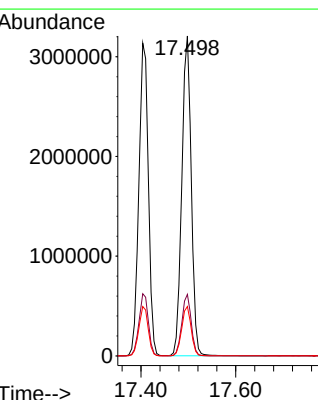
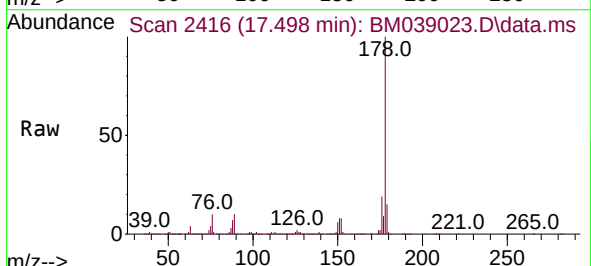
Tgt Ion:178 Resp: 4442082

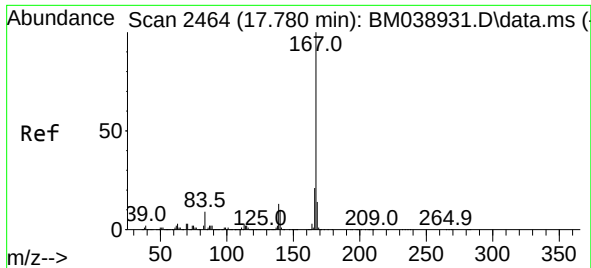
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

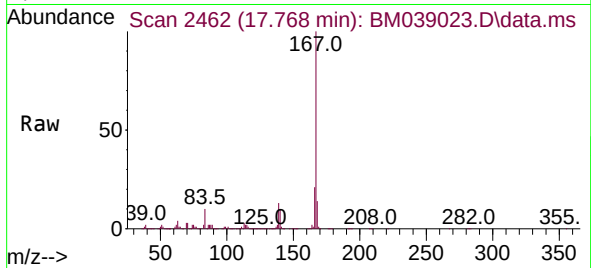
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 45.496 ng
 RT: 17.768 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM039023.D
 Acq: 16 Mar 2023 19:29

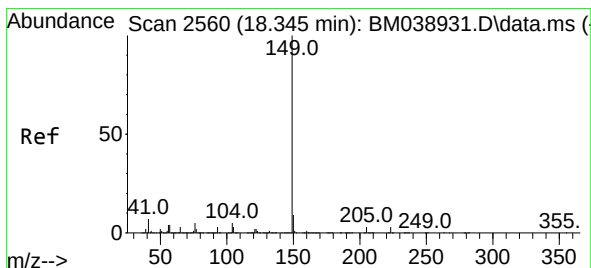
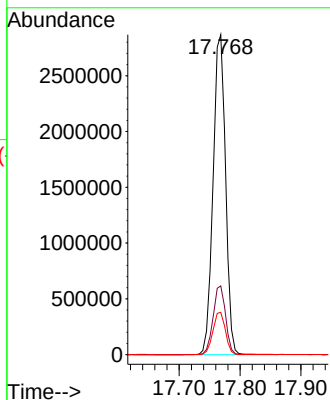
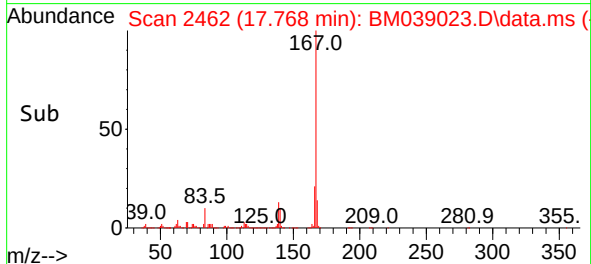
Instrument :
 BNA_M
 ClientSampleId :
 PB151470BS



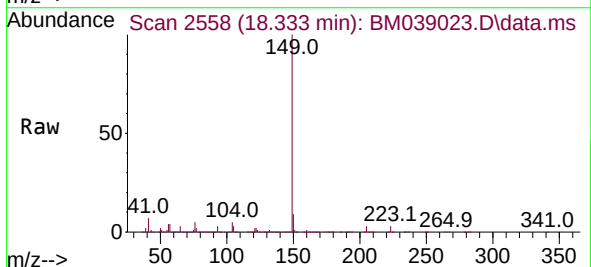
Tgt Ion:167 Resp: 4080192
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.2 10.3 15.5

Manual Integrations
 APPROVED

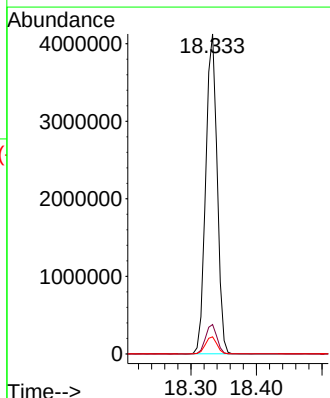
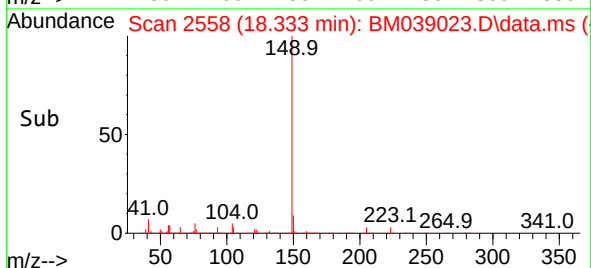
Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

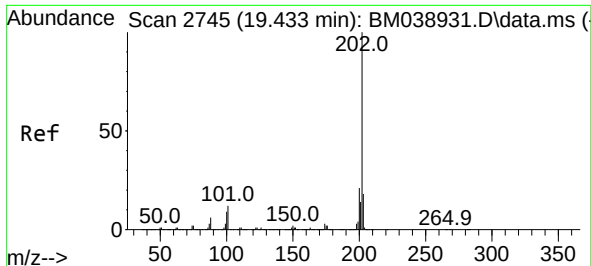


#74
 Di-n-butylphthalate
 Concen: 45.403 ng
 RT: 18.333 min Scan# 2558
 Delta R.T. 0.006 min
 Lab File: BM039023.D
 Acq: 16 Mar 2023 19:29



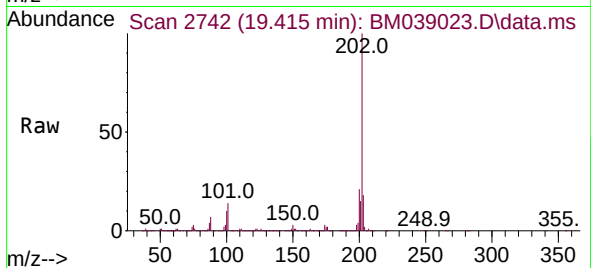
Tgt Ion:149 Resp: 4955354
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 42.792 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

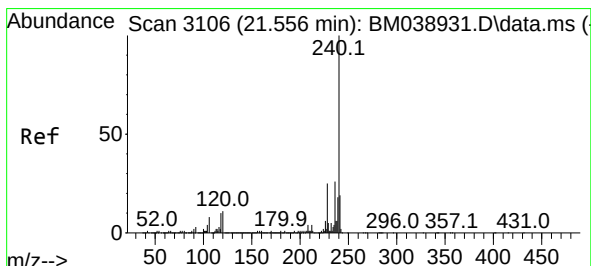
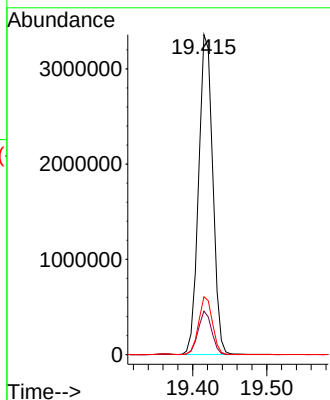
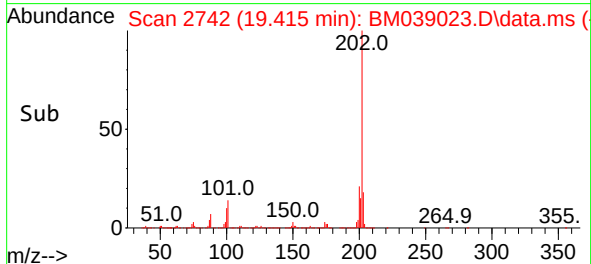
Instrument :
BNA_M
ClientSampleId :
PB151470BS



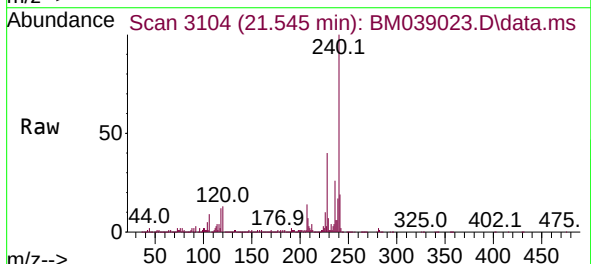
Tgt Ion:202 Resp: 4452003
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.7
203 18.1 0.0 37.6

Manual Integrations
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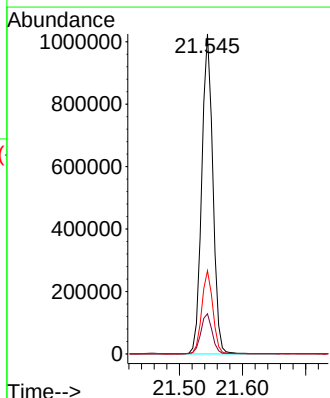
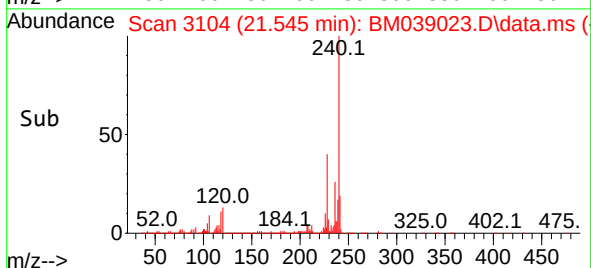
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

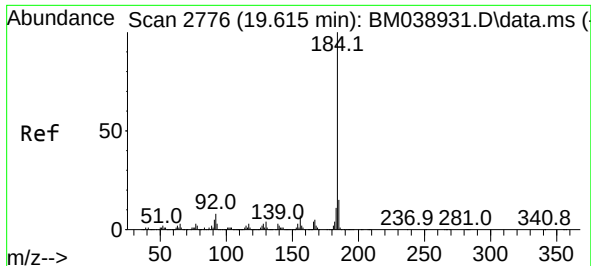


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29



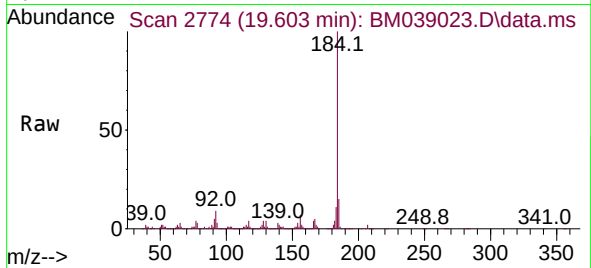
Tgt Ion:240 Resp: 1248817
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.0 20.8 31.2





#77
Benzidine
Concen: 74.605 ng
RT: 19.603 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

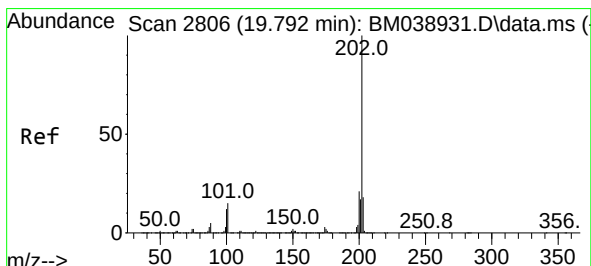
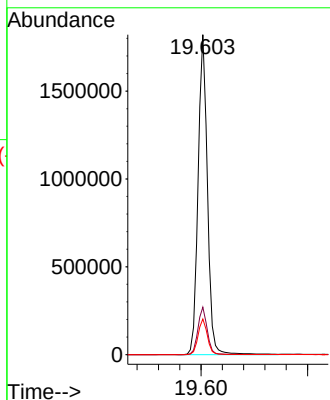
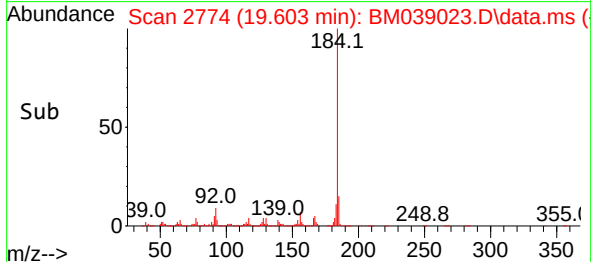
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:184 Resp: 2209335
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 11.1 8.8 13.2

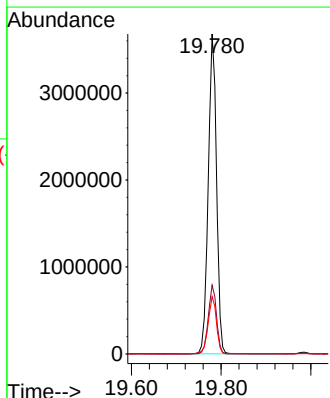
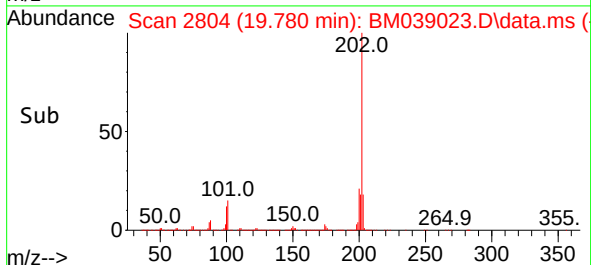
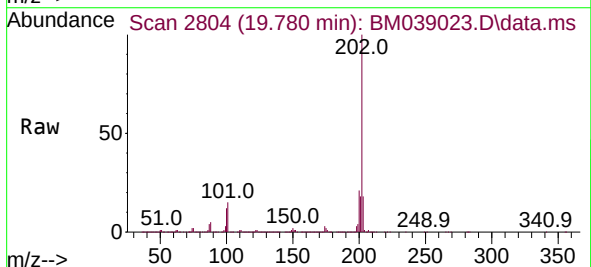
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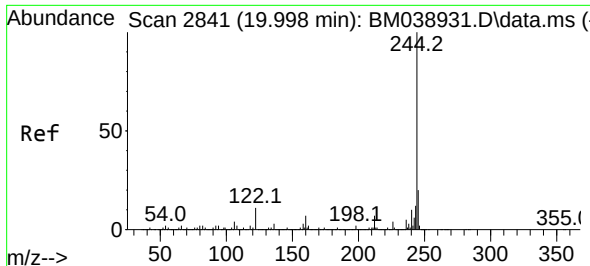
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#78
Pyrene
Concen: 50.138 ng
RT: 19.780 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:202 Resp: 4702807
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.9 14.1 21.1





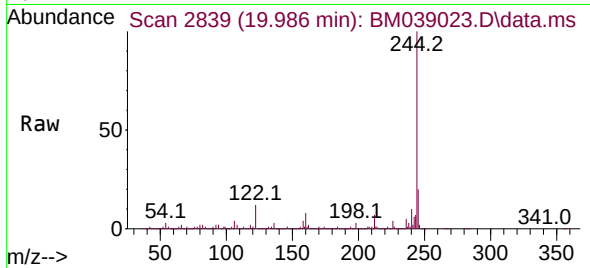
#79
 Terphenyl-d14
 Concen: 109.353 ng
 RT: 19.986 min Scan# 2841
 Delta R.T. 0.006 min
 Lab File: BM039023.D
 Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

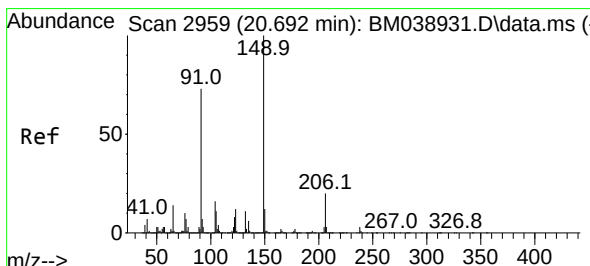
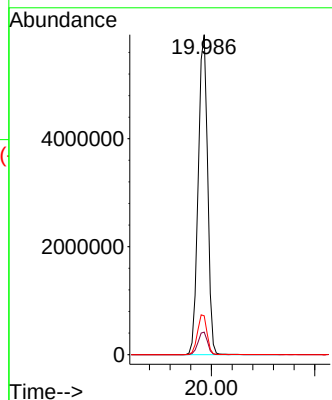
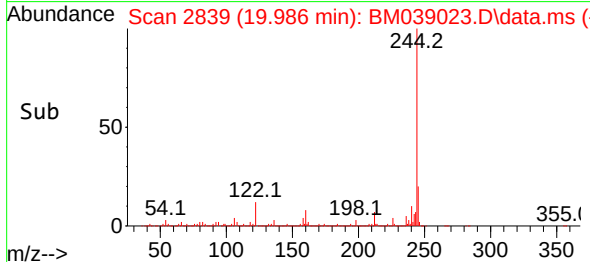


Tgt Ion:244 Resp: 7469185
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 12.1 9.0 13.4

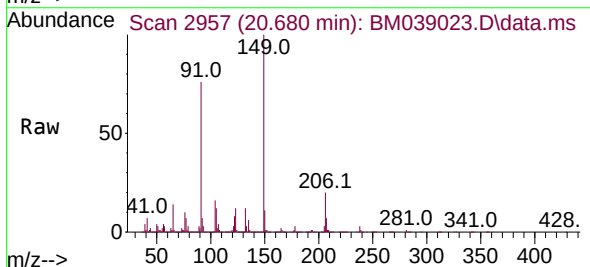
Manual Integrations

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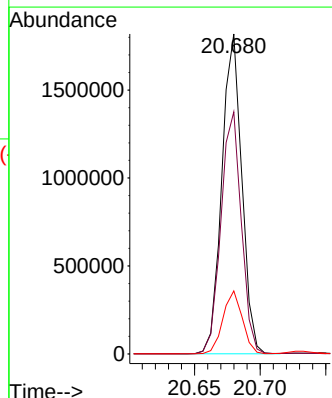
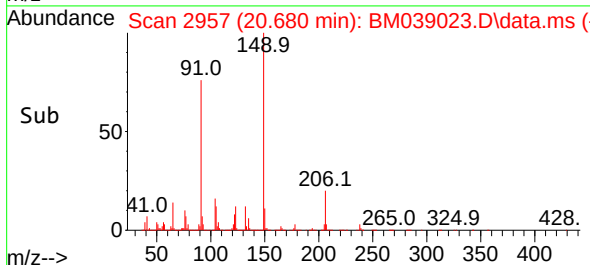
Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

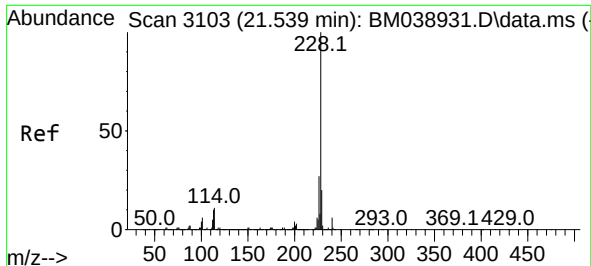


#80
 Butylbenzylphthalate
 Concen: 48.298 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. 0.006 min
 Lab File: BM039023.D
 Acq: 16 Mar 2023 19:29



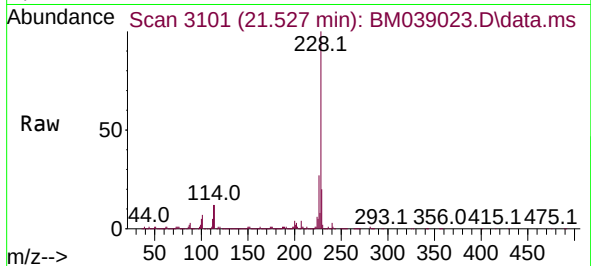
Tgt Ion:149 Resp: 1927154
 Ion Ratio Lower Upper
 149 100
 91 75.6 58.4 87.6
 206 19.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 45.534 ng
RT: 21.527 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

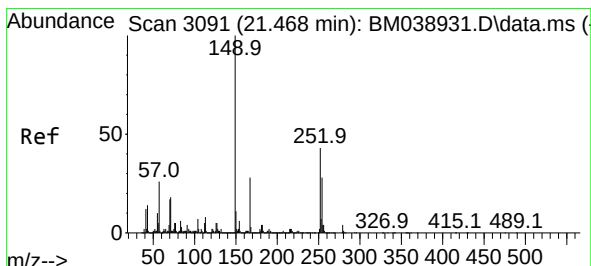
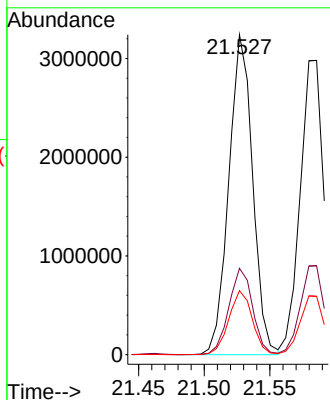
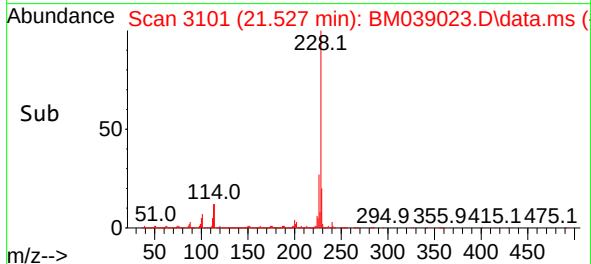
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:228 Resp: 4095062
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 20.0 15.7 23.5

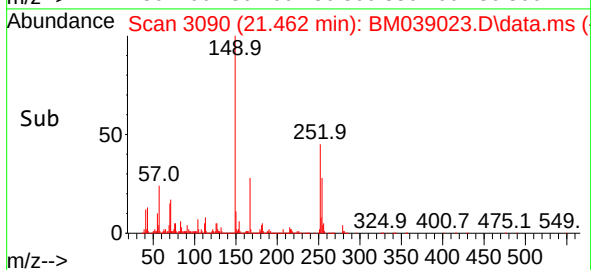
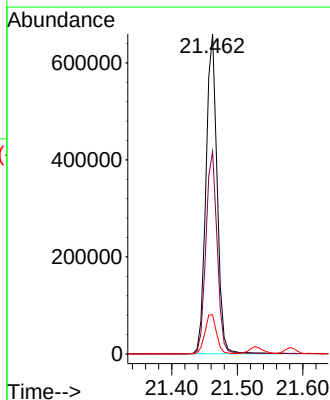
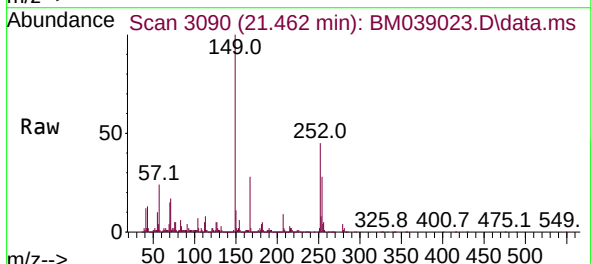
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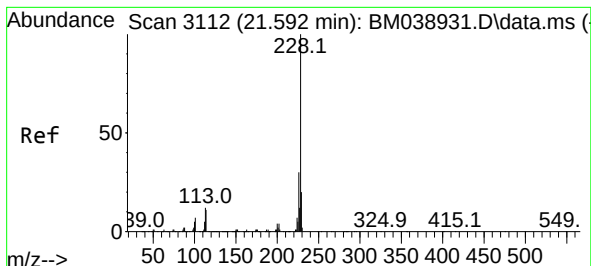
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 28.033 ng
RT: 21.462 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:252 Resp: 774827
Ion Ratio Lower Upper
252 100
254 63.2 51.5 77.3
126 12.2 9.9 14.9





#83

Chrysene

Concen: 43.524 ng

RT: 21.586 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

Tgt Ion:228 Resp: 380695

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

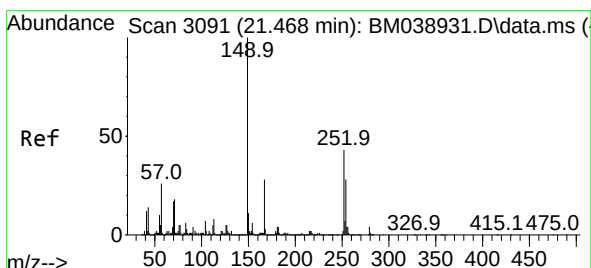
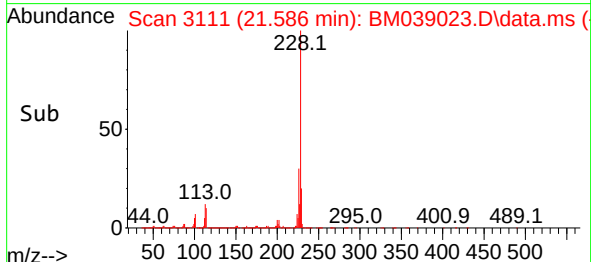
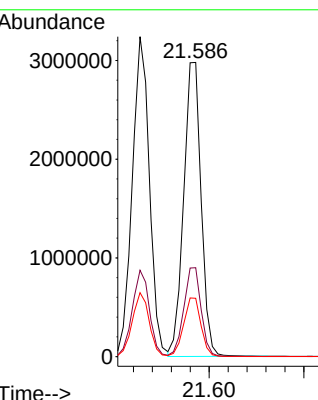
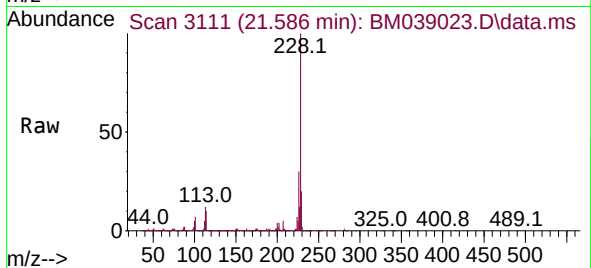
229 19.8 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.394 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

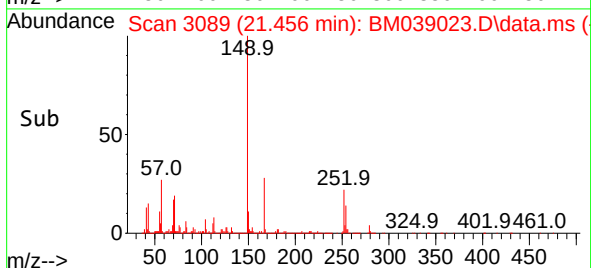
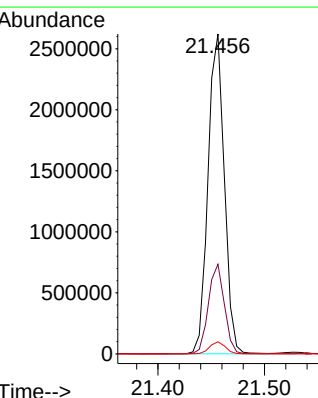
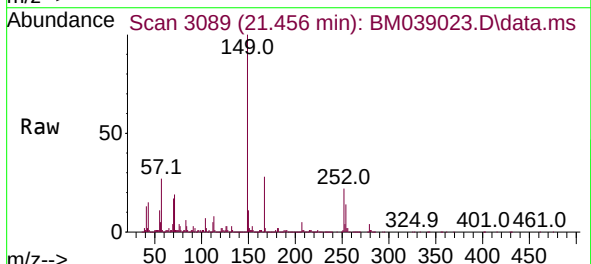
Tgt Ion:149 Resp: 2791881

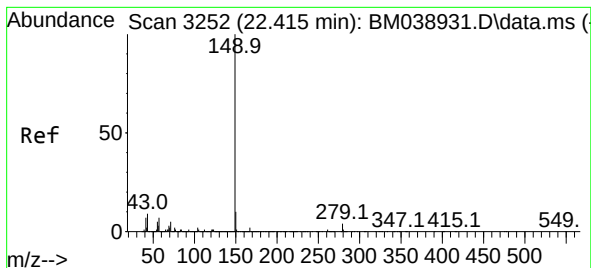
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

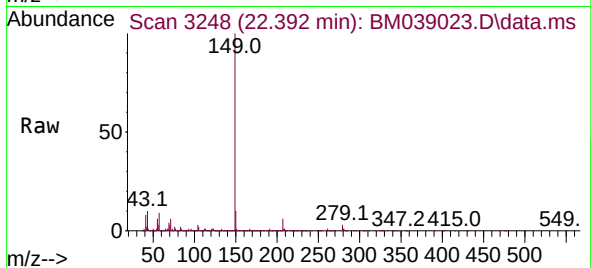
279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 47.413 ng
RT: 22.392 min Scan# 3519
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

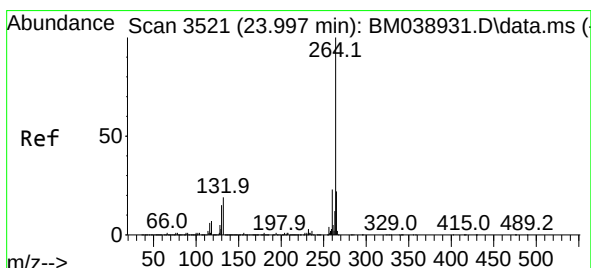
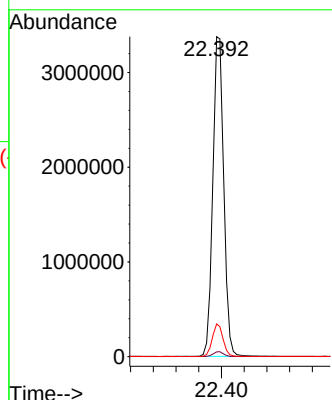
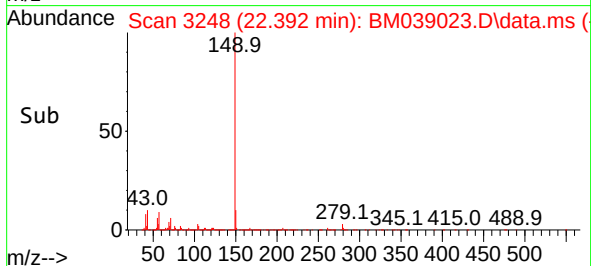
Instrument :
BNA_M
ClientSampleId :
PB151470BS



Tgt Ion:149 Resp: 4532368
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 7.4 11.2

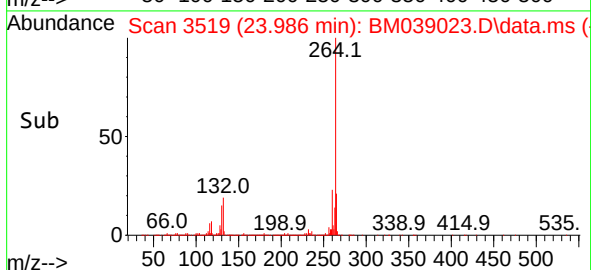
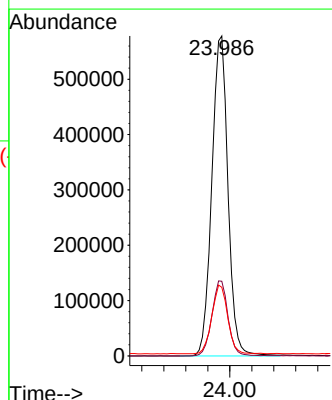
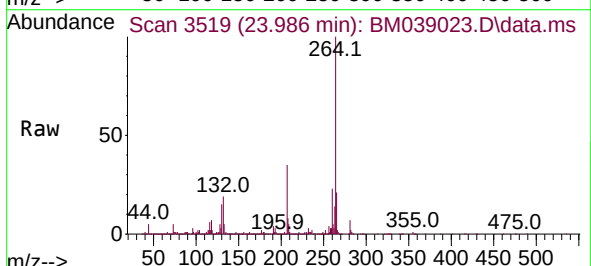
Manual Integrations
APPROVED

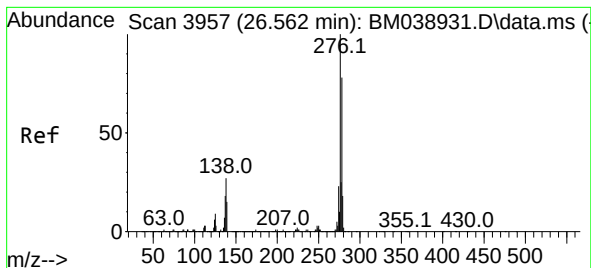
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 3519
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:264 Resp: 1178517
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.401 ng

RT: 26.527 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

Tgt Ion:276 Resp: 3981735

Ion Ratio Lower Upper

276 100

138 29.7 22.1 33.1

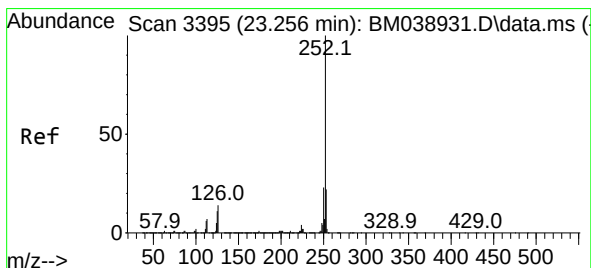
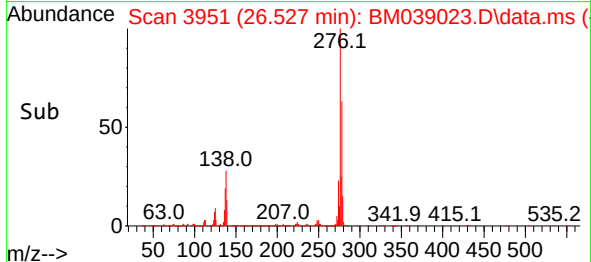
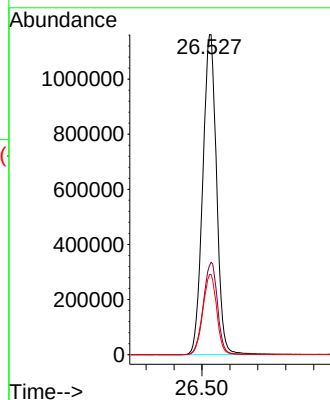
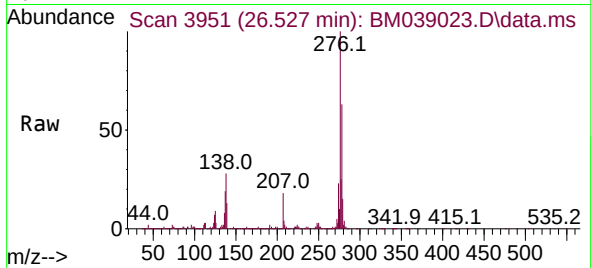
277 25.2 20.1 30.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#88

Benzo(b)fluoranthene

Concen: 48.513 ng

RT: 23.239 min Scan# 3392

Delta R.T. 0.000 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

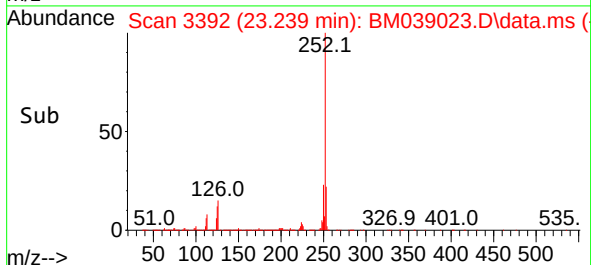
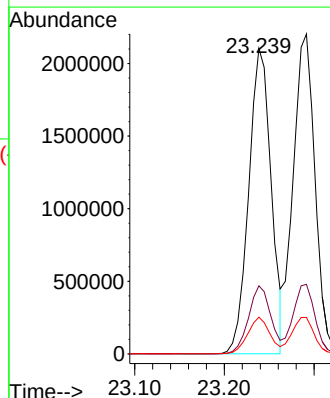
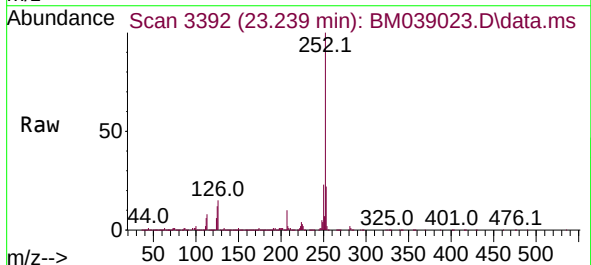
Tgt Ion:252 Resp: 3652582

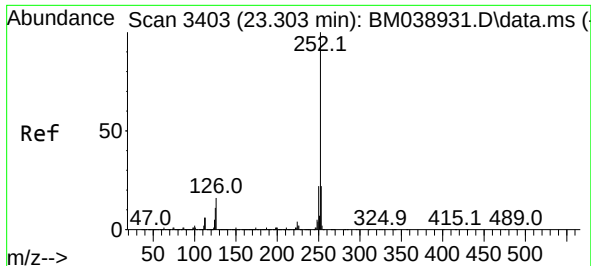
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.0 8.8 13.2





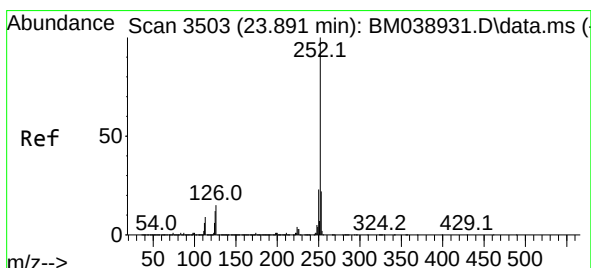
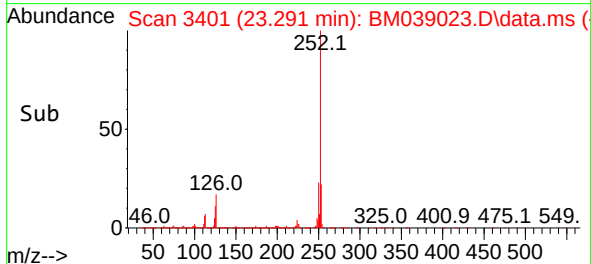
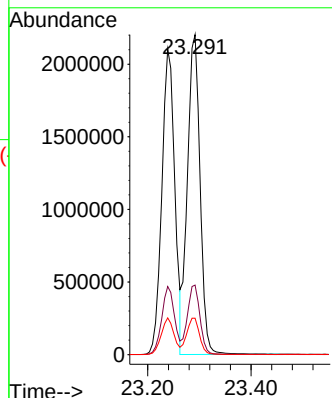
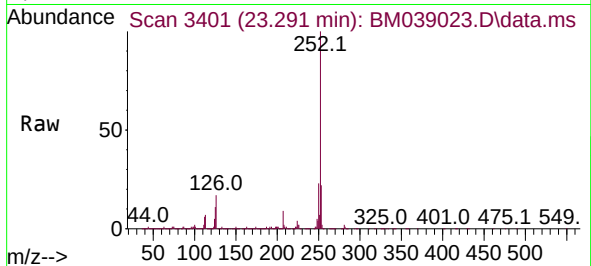
#89
Benzo(k)fluoranthene
Concen: 47.793 ng
RT: 23.291 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Instrument :
BNA_M
ClientSampleId :
PB151470BS

Tgt Ion:252 Resp: 3744839
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.4 8.9 13.3

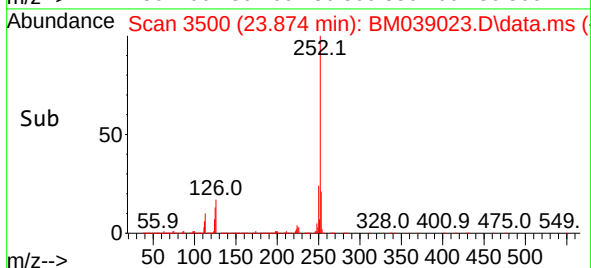
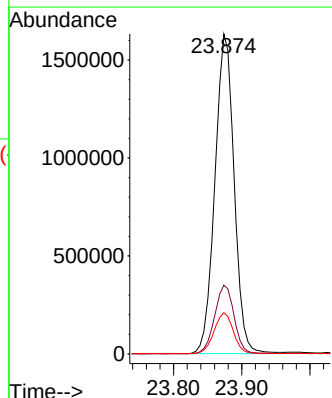
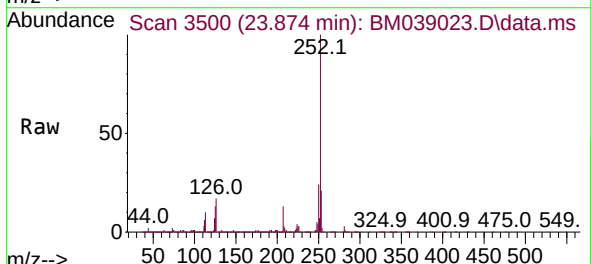
Manual Integrations
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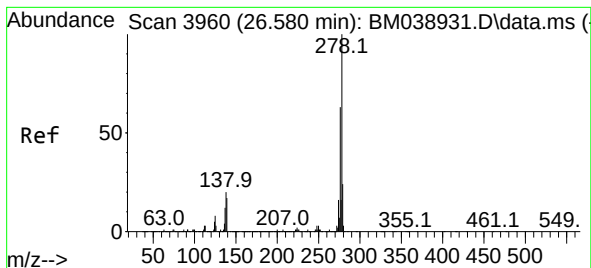
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#90
Benzo(a)pyrene
Concen: 43.960 ng
RT: 23.874 min Scan# 3500
Delta R.T. 0.000 min
Lab File: BM039023.D
Acq: 16 Mar 2023 19:29

Tgt Ion:252 Resp: 3185417
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 12.9 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 44.554 ng

RT: 26.544 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Instrument :

BNA_M

ClientSampleId :

PB151470BS

Tgt Ion:278 Resp: 338367

Ion Ratio Lower Upper

278 100

139 18.9 13.7 20.5

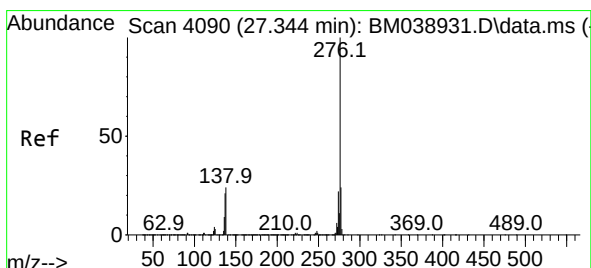
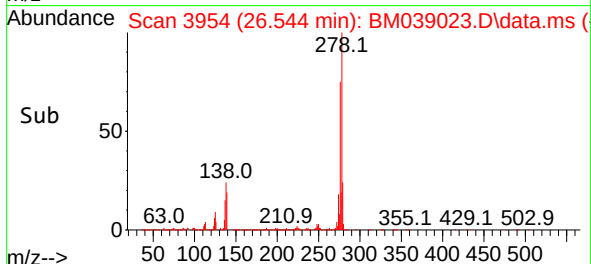
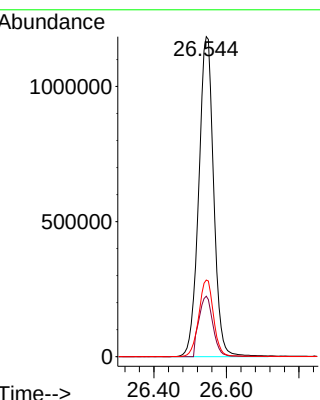
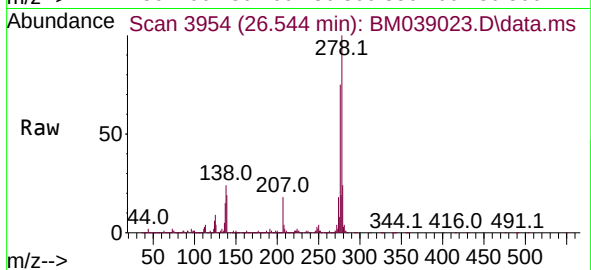
279 23.9 18.9 28.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#92

Benzo(g,h,i)perylene

Concen: 42.867 ng

RT: 27.309 min Scan# 4084

Delta R.T. 0.006 min

Lab File: BM039023.D

Acq: 16 Mar 2023 19:29

Tgt Ion:276 Resp: 3185066

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 25.4 19.0 28.6

