

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039371.D
 Acq On : 10 Apr 2023 10:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2023
 Supervised By : Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 02:07:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 02:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	213222	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	811340	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	455639	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	906252	20.000	ng	0.00
76) Chrysene-d12	21.462	240	820527	20.000	ng	0.00
86) Perylene-d12	23.844	264	951395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1229270	86.859	ng	0.00
7) Phenol-d6	7.045	99	1576517	86.124	ng	0.00
23) Nitrobenzene-d5	9.039	82	1460487	87.489	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	484478	83.763	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2922892	86.917	ng	0.00
79) Terphenyl-d14	19.898	244	3904166	87.909	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	273083	47.207	ng	98
3) Pyridine	3.699	79	732021	45.170	ng	96
4) n-Nitrosodimethylamine	3.610	42	285439	44.848	ng	94
6) Aniline	7.198	93	966774	42.672	ng	98
8) 2-Chlorophenol	7.434	128	616123	42.534	ng	96
9) Benzaldehyde	7.010	77	367071	35.212	ng	98
10) Phenol	7.069	94	786536	42.876	ng	98
11) bis(2-Chloroethyl)ether	7.298	93	655853	44.442	ng	100
12) 1,3-Dichlorobenzene	7.751	146	651104	42.385	ng	98
13) 1,4-Dichlorobenzene	7.904	146	649363	41.805	ng	98
14) 1,2-Dichlorobenzene	8.222	146	633696	42.665	ng	98
15) Benzyl Alcohol	8.122	79	497284	39.497	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	858034m	45.456	ng	
17) 2-Methylphenol	8.322	107	538231	41.937	ng	98
18) Hexachloroethane	8.945	117	250440	41.681	ng	98
19) n-Nitroso-di-n-propyla...	8.687	70	500703	42.790	ng	97
20) 3+4-Methylphenols	8.657	107	720256	41.763	ng	99
22) Acetophenone	8.704	105	924945	42.638	ng	# 98
24) Nitrobenzene	9.081	77	726440	43.750	ng	97
25) Isophorone	9.610	82	1334962	42.866	ng	99
26) 2-Nitrophenol	9.792	139	307012	39.999	ng	97
27) 2,4-Dimethylphenol	9.857	122	523968	41.086	ng	97
28) bis(2-Chloroethoxy)met...	10.092	93	804282	42.663	ng	99
29) 2,4-Dichlorophenol	10.333	162	524932	42.187	ng	98
30) 1,2,4-Trichlorobenzene	10.539	180	564568	42.411	ng	99
31) Naphthalene	10.728	128	1854935	42.430	ng	100
32) Benzoic acid	10.016	122	336513m	33.855	ng	
33) 4-Chloroaniline	10.851	127	751098	39.216	ng	99
34) Hexachlorobutadiene	11.010	225	334889	42.784	ng	99
35) Caprolactam	11.651	113	165500	38.307	ng	88
36) 4-Chloro-3-methylphenol	11.980	107	556954	40.570	ng	98
37) 2-Methylnaphthalene	12.345	142	1269974	41.729	ng	100
38) 1-Methylnaphthalene	12.563	142	1185761	41.610	ng	100
40) 1,2,4,5-Tetrachloroben...	12.710	216	598188	43.120	ng	99
41) Hexachlorocyclopentadiene	12.686	237	311902	41.155	ng	100
43) 2,4,6-Trichlorophenol	12.957	196	396159	41.873	ng	99

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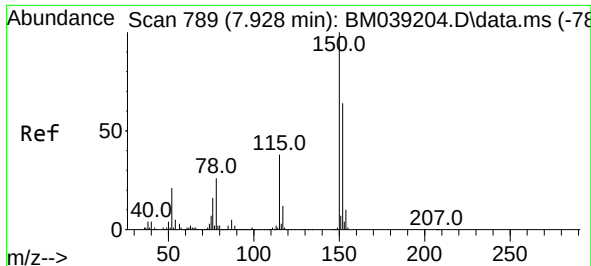
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	467044	42.110	ng	98
46) 1,1'-Biphenyl	13.357	154	1539279	42.781	ng	99
47) 2-Chloronaphthalene	13.398	162	1147293	42.112	ng	100
48) 2-Nitroaniline	13.610	65	369723	40.328	ng	95
49) Acenaphthylene	14.245	152	1895521	42.333	ng	100
50) Dimethylphthalate	13.986	163	1471465	41.905	ng	100
51) 2,6-Dinitrotoluene	14.110	165	316335	41.892	ng	95
52) Acenaphthene	14.586	154	1125982	42.587	ng	99
53) 3-Nitroaniline	14.439	138	320631	36.729	ng	95
54) 2,4-Dinitrophenol	14.651	184	161828	36.187	ng	99
55) Dibenzofuran	14.921	168	1786328	41.966	ng	99
56) 4-Nitrophenol	14.757	139	253384	37.641	ng	92
57) 2,4-Dinitrotoluene	14.898	165	416703	40.793	ng	91
58) Fluorene	15.568	166	1431722	42.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	371849	42.144	ng	100
60) Diethylphthalate	15.345	149	1486336	42.053	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	711921	42.618	ng	98
62) 4-Nitroaniline	15.604	138	298374	33.307	ng	94
63) Azobenzene	15.857	77	1560154	44.059	ng	97
65) 4,6-Dinitro-2-methylph...	15.657	198	246702	41.379	ng	98
66) n-Nitrosodiphenylamine	15.786	169	1213760	42.502	ng	98
67) 4-Bromophenyl-phenylether	16.462	248	407974	42.154	ng	99
68) Hexachlorobenzene	16.574	284	446855	42.582	ng	99
69) Atrazine	16.739	200	376675	41.645	ng	99
70) Pentachlorophenol	16.921	266	328781	43.669	ng	99
71) Phenanthrene	17.315	178	2098778	42.285	ng	100
72) Anthracene	17.404	178	2185958	43.192	ng	99
73) Carbazole	17.680	167	1925801	40.722	ng	100
74) Di-n-butylphthalate	18.239	149	2567727	43.893	ng	100
75) Fluoranthene	19.333	202	2423014	42.825	ng	100
77) Benzidine	19.527	184	778746	35.982	ng	99
78) Pyrene	19.698	202	2527639	43.272	ng	99
80) Butylbenzylphthalate	20.598	149	1147981	42.898	ng	98
81) Benzo(a)anthracene	21.445	228	2405256	41.564	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	768283	39.854	ng	99
83) Chrysene	21.497	228	2401208	42.983	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	1728173	43.726	ng	99
85) Di-n-octyl phthalate	22.292	149	2977658	41.817	ng	98
87) Indeno(1,2,3-cd)pyrene	26.327	276	3112101	44.396	ng	100
88) Benzo(b)fluoranthene	23.121	252	2344363	40.272	ng	100
89) Benzo(k)fluoranthene	23.168	252	2556781	43.118	ng	98
90) Benzo(a)pyrene	23.744	252	2452929	42.893	ng	100
91) Dibenzo(a,h)anthracene	26.344	278	2595455	44.095	ng	100
92) Benzo(g,h,i)perylene	27.085	276	2560028	44.226	ng	99

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

Manual Integrations APPROVED

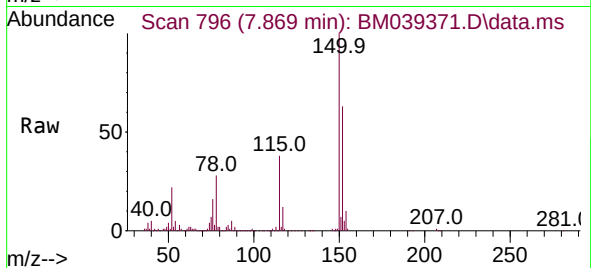
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

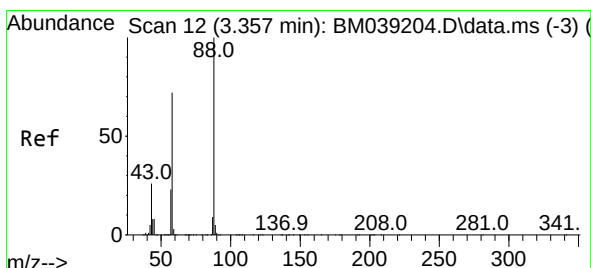
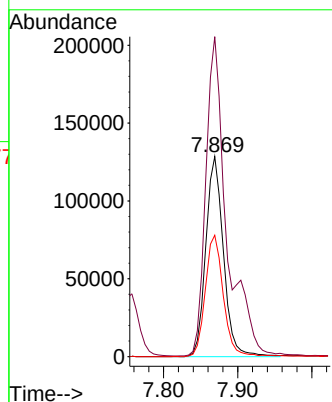
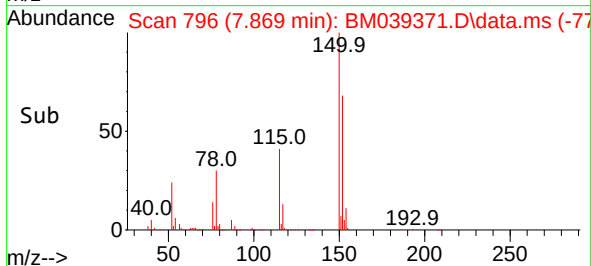
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



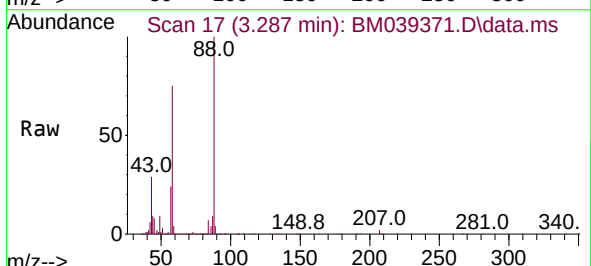
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Ion Ratio Lower Upper
152 100
150 159.9 125.5 188.3
115 60.7 48.1 72.1

Manual Integrations
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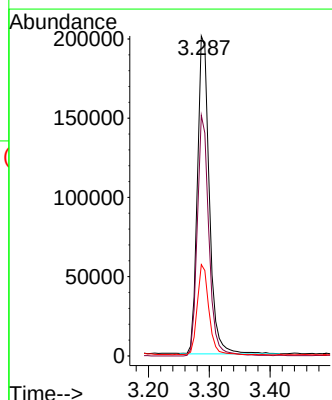
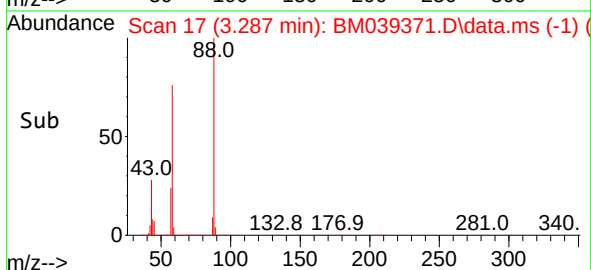
Reviewed By :Christian Giraldo 04/11/2023
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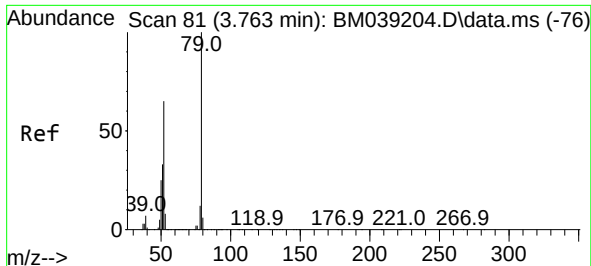


#2
1,4-Dioxane
Concen: 47.207 ng
RT: 3.287 min Scan# 17
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



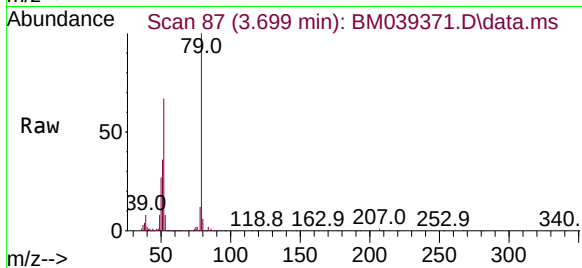
Tgt Ion: 88 Resp: 273083
Ion Ratio Lower Upper
88 100
58 73.9 57.9 86.9
43 27.5 21.4 32.2





#3
Pyridine
Concen: 45.170 ng
RT: 3.699 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

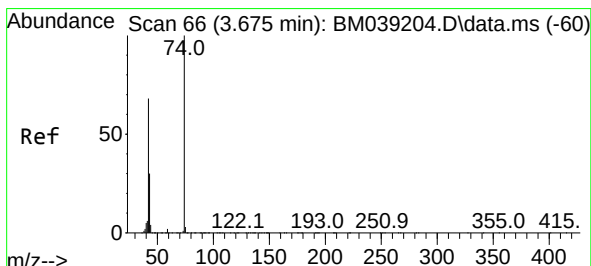
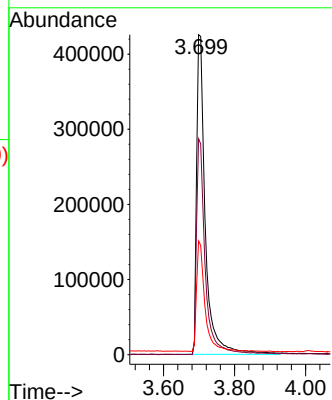
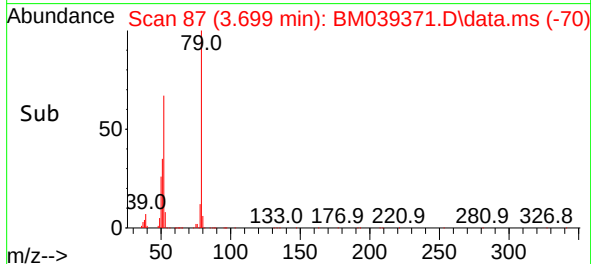
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 732021
Ion Ratio Lower Upper
79 100
52 67.4 52.0 78.0
51 35.5 26.4 39.6

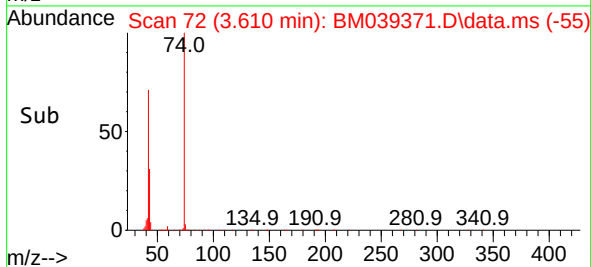
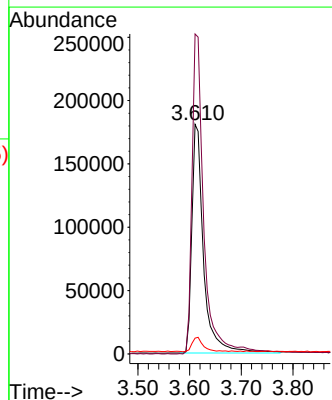
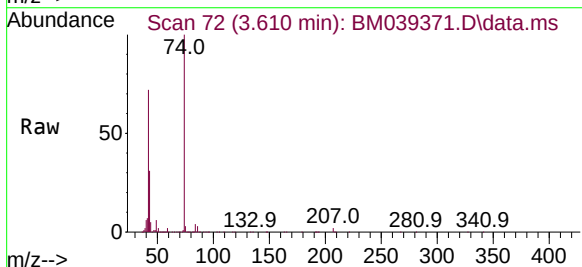
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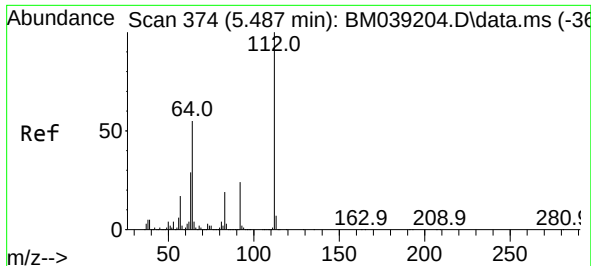
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#4
n-Nitrosodimethylamine
Concen: 44.848 ng
RT: 3.610 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

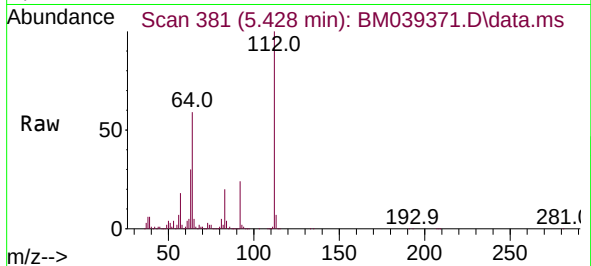
Tgt Ion: 42 Resp: 285439
Ion Ratio Lower Upper
42 100
74 139.5 118.1 177.1
44 6.9 6.3 9.5





#5
2-Fluorophenol
Concen: 86.859 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

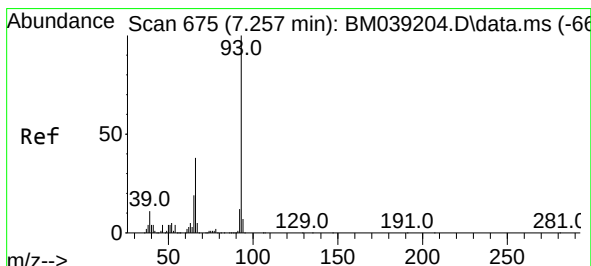
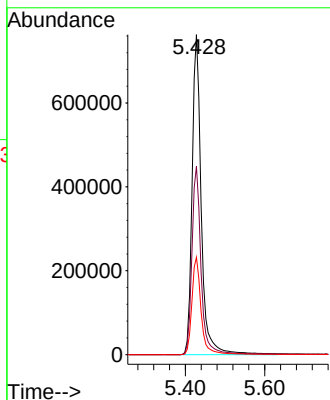
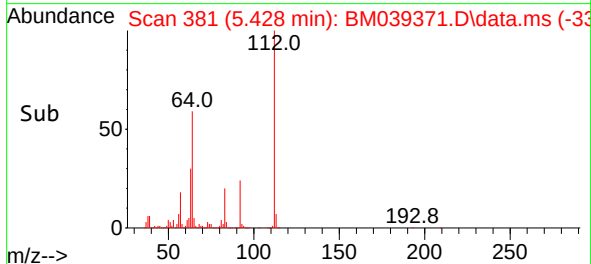
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Tgt Ion: 112 Resp: 1229270
Ion Ratio Lower Upper
112 100
64 58.9 44.3 66.5
63 30.4 23.0 34.6

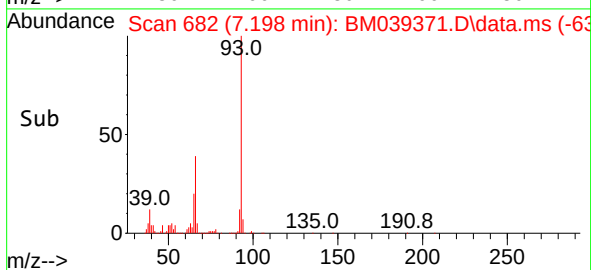
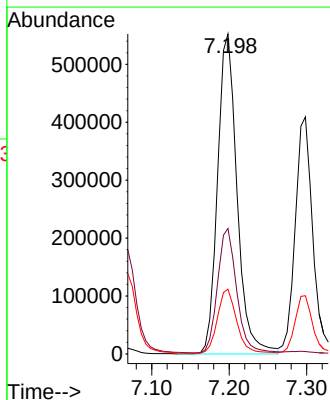
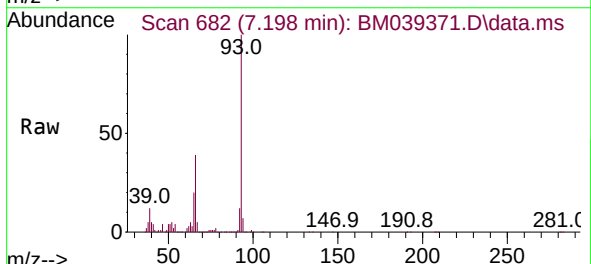
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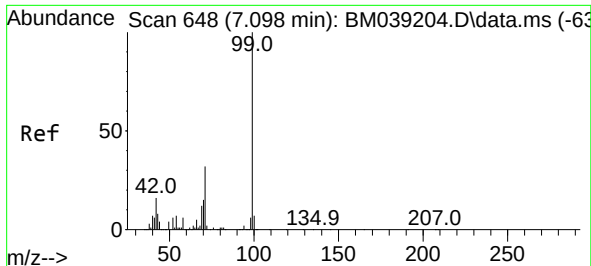
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#6
Aniline
Concen: 42.672 ng
RT: 7.198 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion: 93 Resp: 966774
Ion Ratio Lower Upper
93 100
66 39.2 30.1 45.1
65 20.2 15.5 23.3





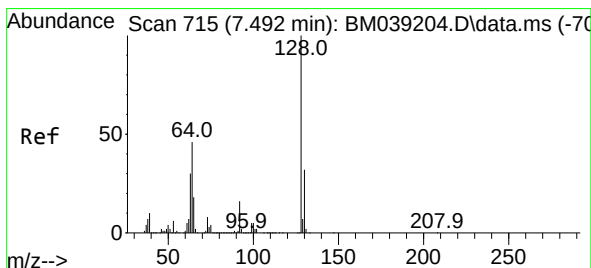
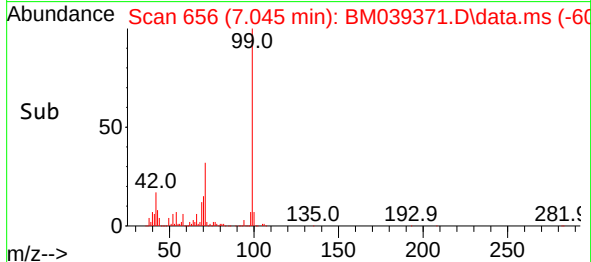
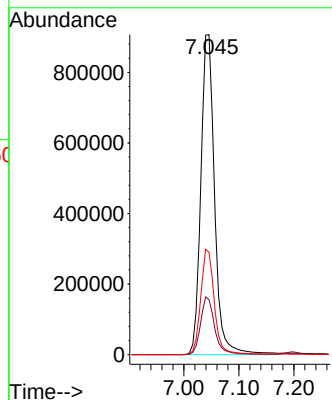
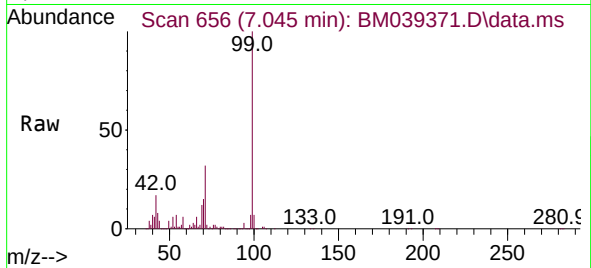
#7
Phenol-d6
Concen: 86.124 ng
RT: 7.045 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 157651
Ion Ratio Lower Upper
99 100
42 17.2 13.0 19.6
71 32.0 25.5 38.3

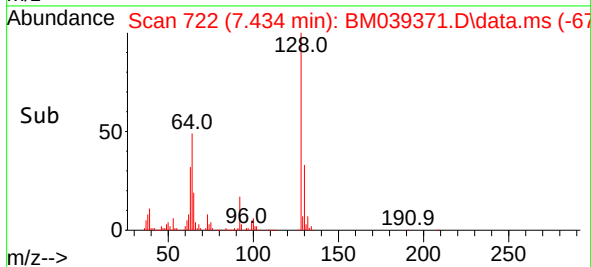
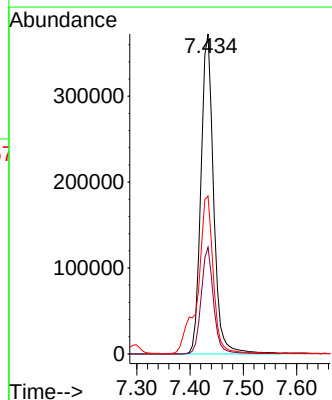
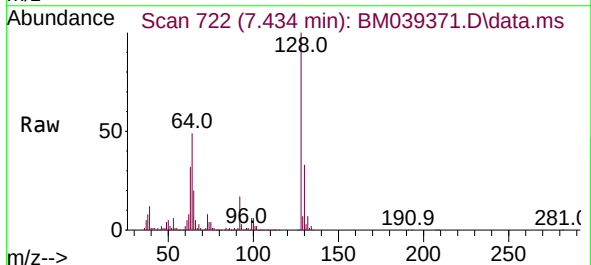
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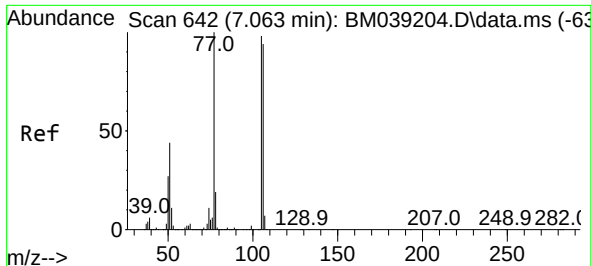
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#8
2-Chlorophenol
Concen: 42.534 ng
RT: 7.434 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

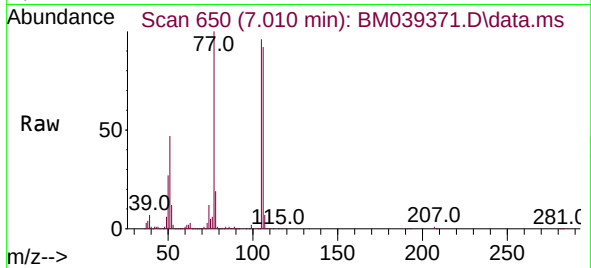
Tgt Ion:128 Resp: 616123
Ion Ratio Lower Upper
128 100
130 33.3 12.2 52.2
64 49.3 25.9 65.9





#9
Benzaldehyde
Concen: 35.212 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039371.D
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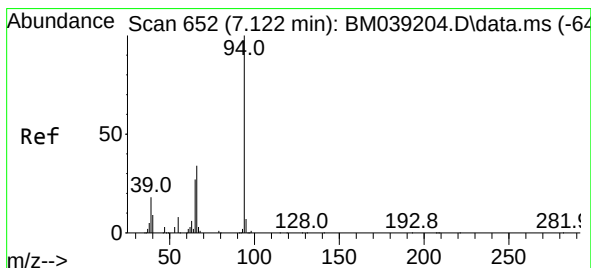
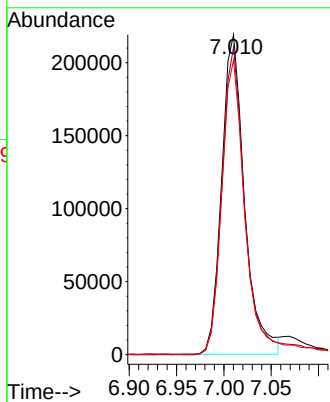
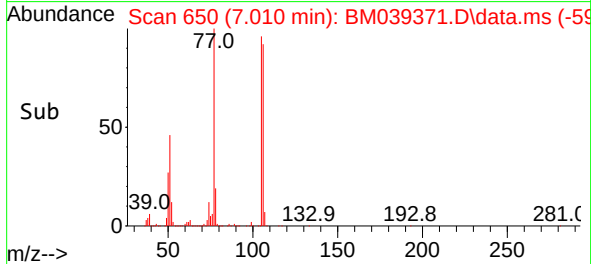
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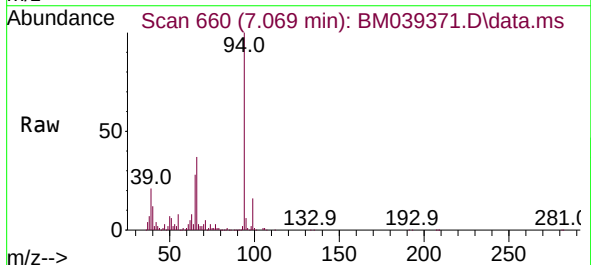
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Ion Ratio Lower Upper
77 100
105 96.1 78.2 118.2
106 92.1 73.8 113.8

Manual Integrations
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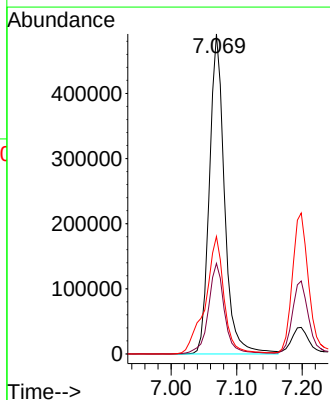
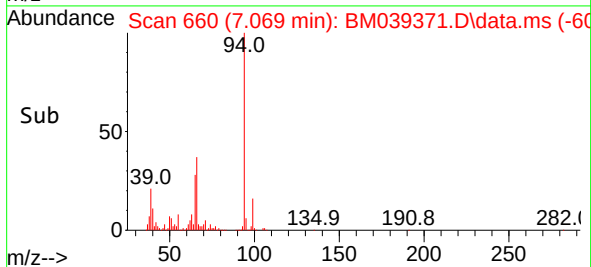
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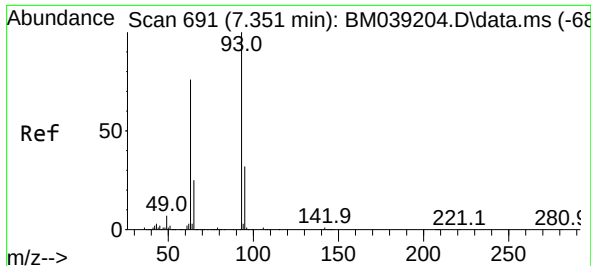


#10
Phenol
Concen: 42.876 ng
RT: 7.069 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



Tgt Ion: 94 Resp: 786536
Ion Ratio Lower Upper
94 100
65 28.3 7.2 47.2
66 36.7 15.2 55.2





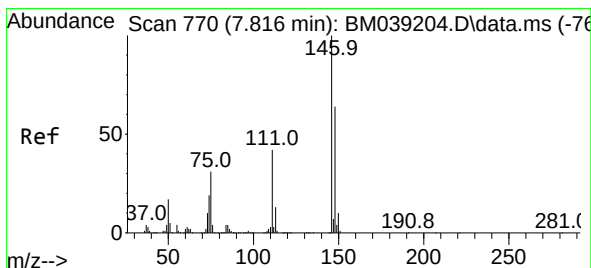
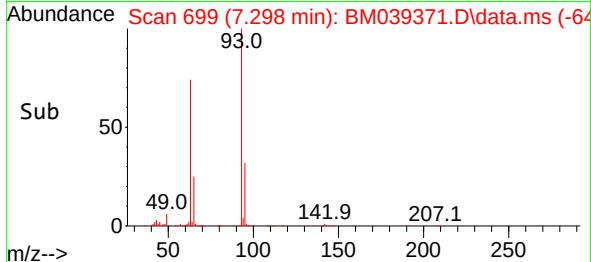
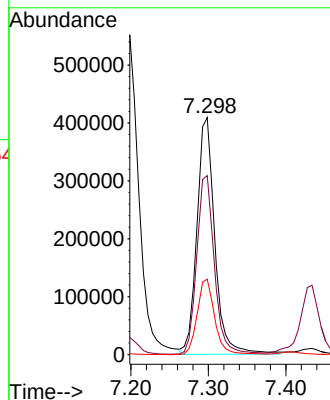
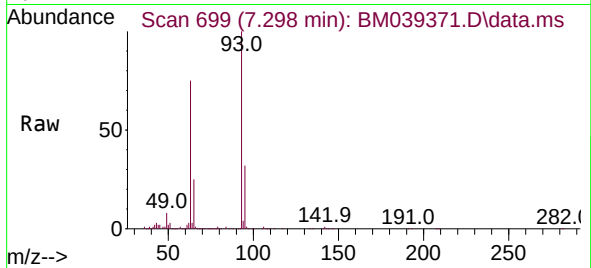
#11
bis(2-Chloroethyl)ether
Concen: 44.442 ng
RT: 7.298 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 655853
Ion Ratio Lower Upper
93 100
63 75.5 55.5 95.5
95 31.8 12.2 52.2

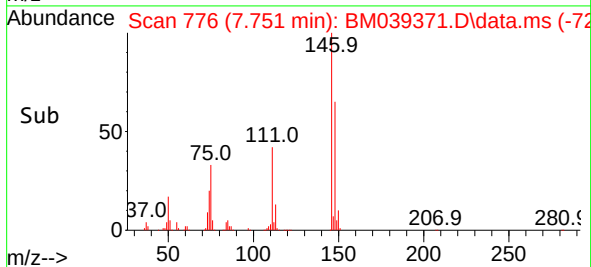
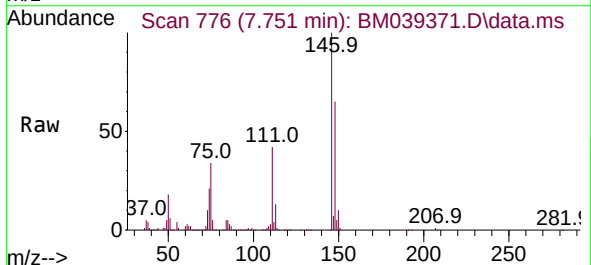
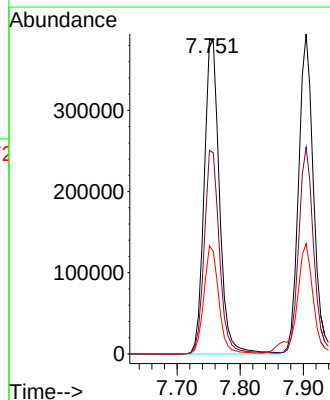
Manual Integrations
APPROVED

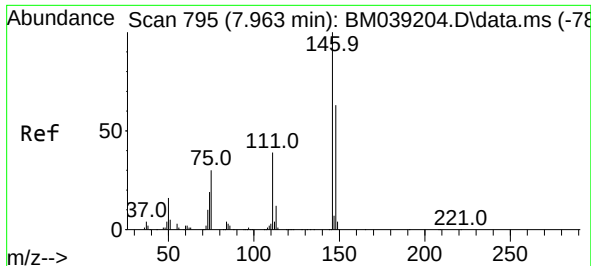
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#12
1,3-Dichlorobenzene
Concen: 42.385 ng
RT: 7.751 min Scan# 776
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

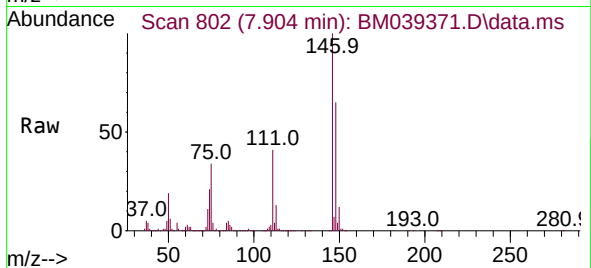
Tgt Ion:146 Resp: 651104
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 34.4 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 41.805 ng
RT: 7.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

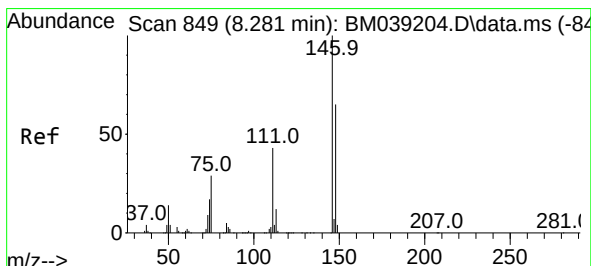
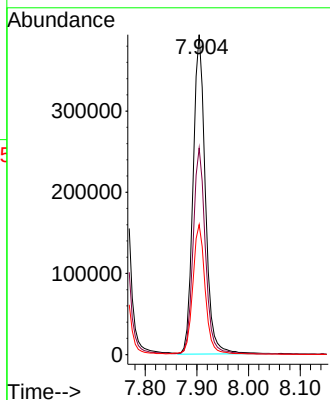
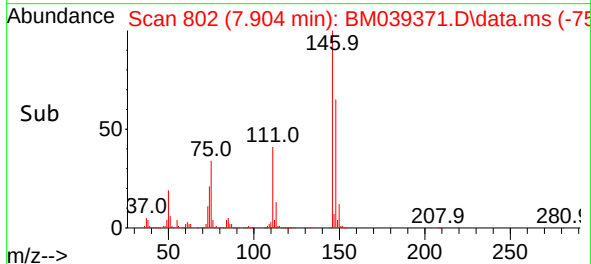
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



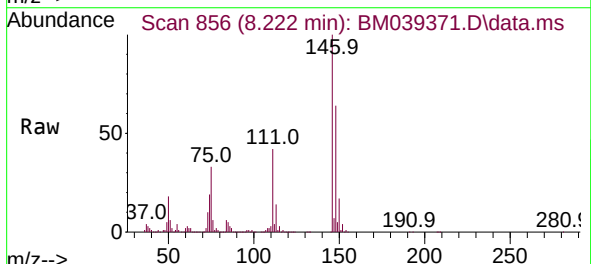
Tgt Ion:146 Resp: 649363
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
111 40.6 31.5 47.3

Manual Integrations
APPROVED

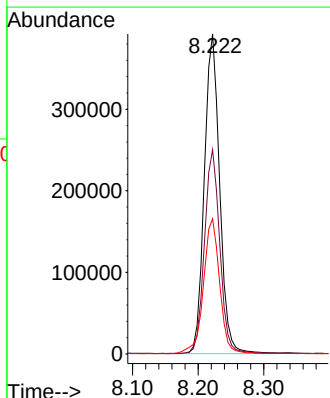
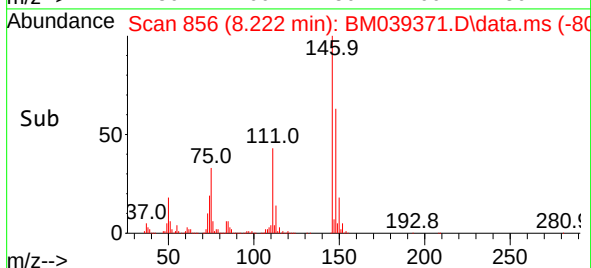
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

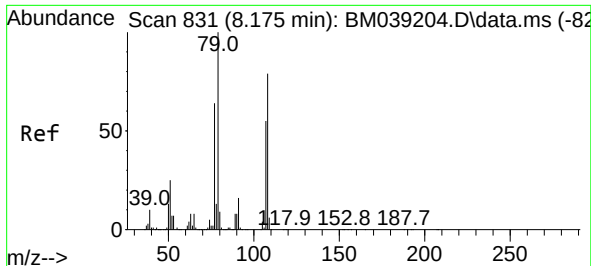


#14
1,2-Dichlorobenzene
Concen: 42.665 ng
RT: 8.222 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



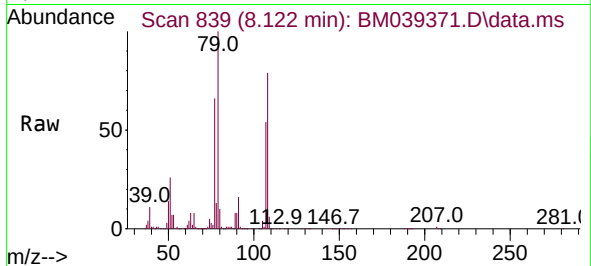
Tgt Ion:146 Resp: 633696
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
111 42.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 39.497 ng
RT: 8.122 min Scan# 831
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

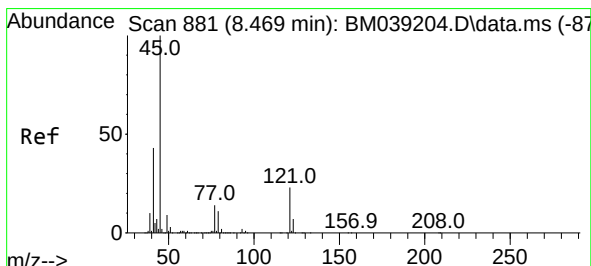
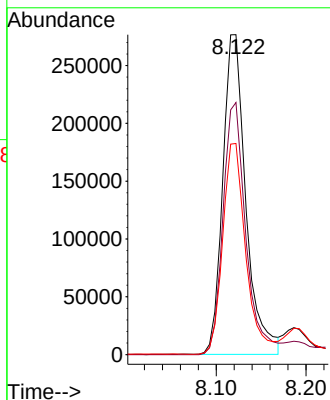
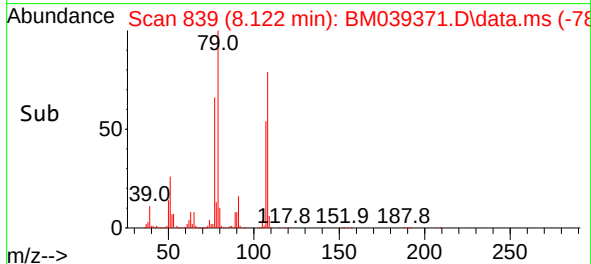
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



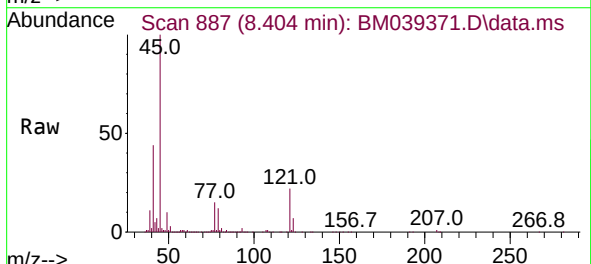
Tgt Ion: 79 Resp: 497284
Ion Ratio Lower Upper
79 100
108 78.8 63.4 95.0
77 66.0 51.5 77.3

Manual Integrations
APPROVED

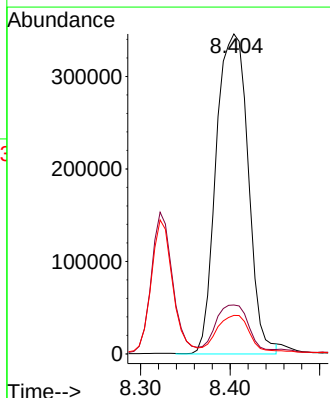
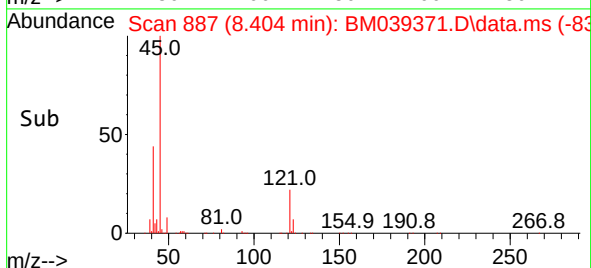
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

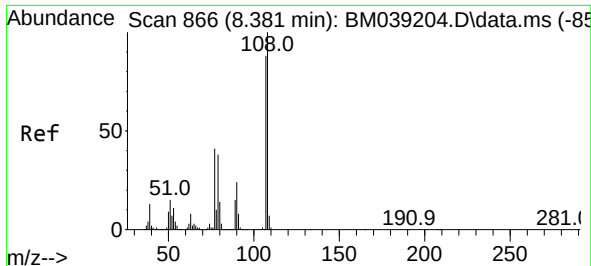


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.456 ng m
RT: 8.404 min Scan# 887
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



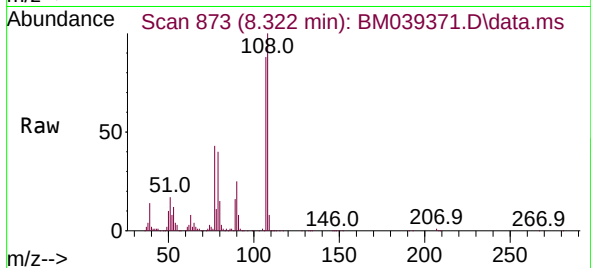
Tgt Ion: 45 Resp: 858034
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.1
79 12.0 0.0 32.2





#17
2-Methylphenol
Concen: 41.937 ng
RT: 8.322 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

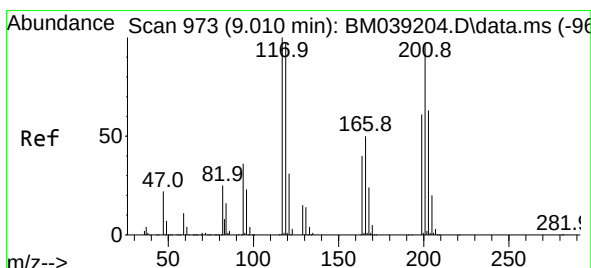
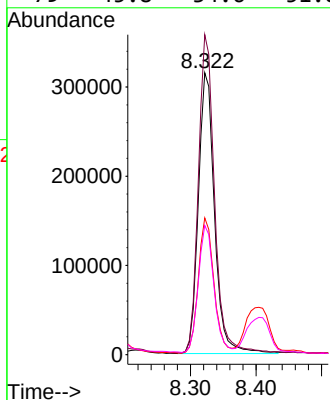
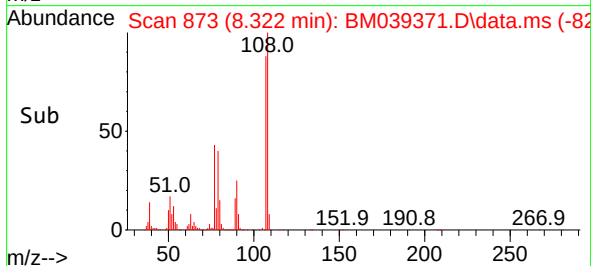
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



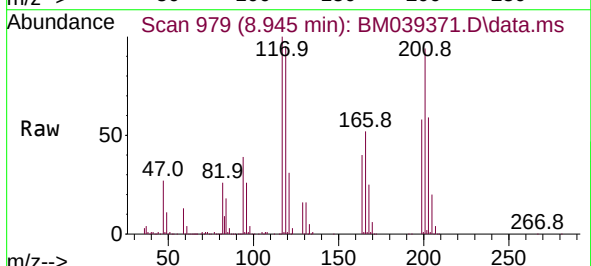
Tgt Ion:107 Resp: 538231
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 48.5 37.0 55.4
79 45.8 34.6 51.8

Manual Integrations
APPROVED

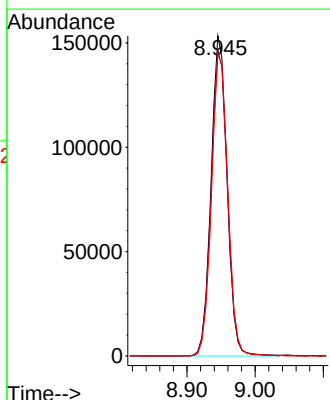
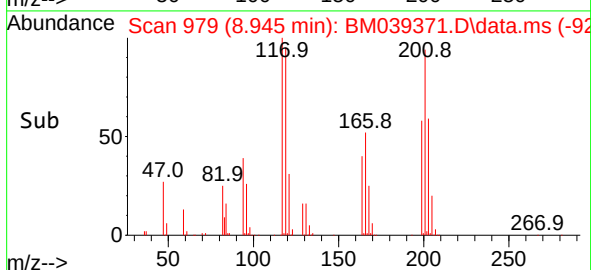
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

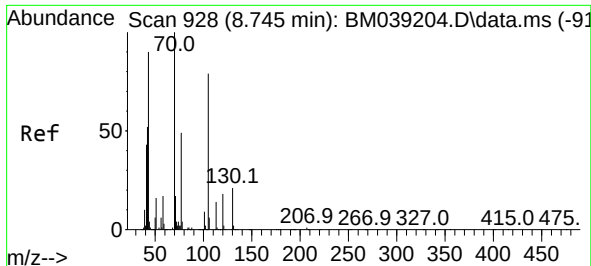


#18
Hexachloroethane
Concen: 41.681 ng
RT: 8.945 min Scan# 979
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



Tgt Ion:117 Resp: 250440
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8
201 94.3 77.3 115.9





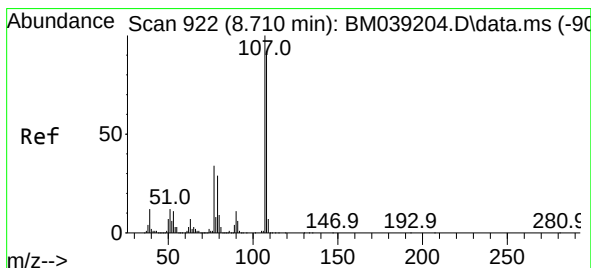
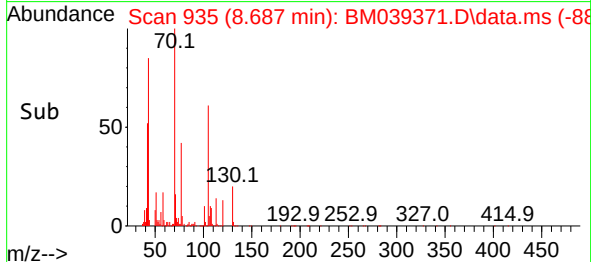
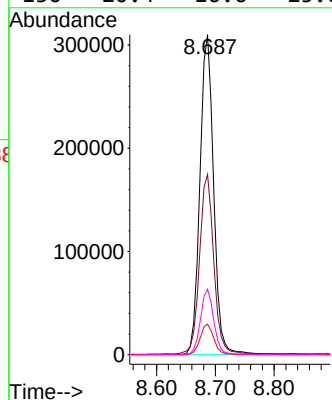
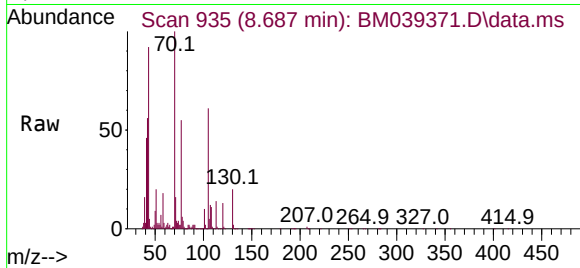
#19
n-Nitroso-di-n-propylamine
Concen: 42.790 ng
RT: 8.687 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 500703
Ion Ratio Lower Upper
70 100
42 56.3 42.2 63.2
101 9.5 7.6 11.4
130 20.4 16.6 25.0

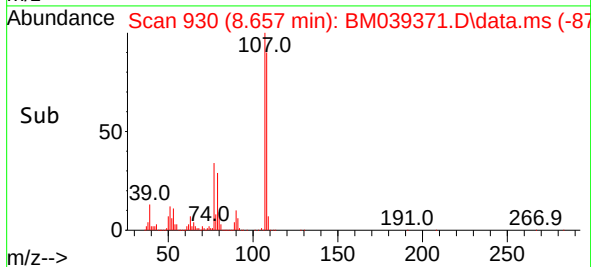
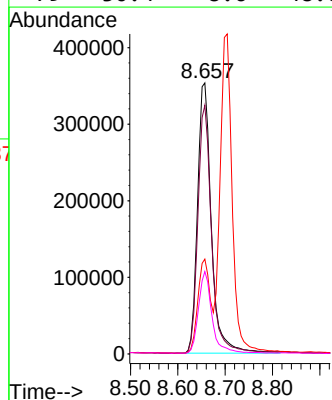
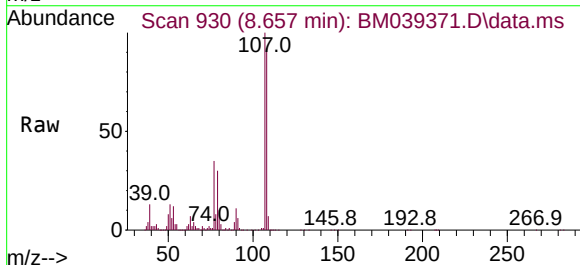
Manual Integrations
APPROVED

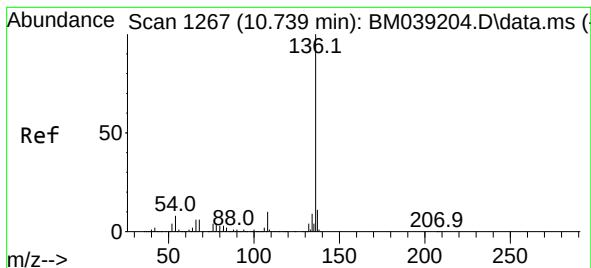
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#20
3+4-Methylphenols
Concen: 41.763 ng
RT: 8.657 min Scan# 930
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

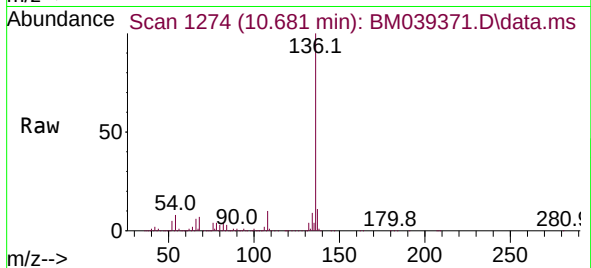
Tgt Ion:107 Resp: 720256
Ion Ratio Lower Upper
107 100
108 91.8 72.1 112.1
77 35.0 13.7 53.7
79 30.4 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

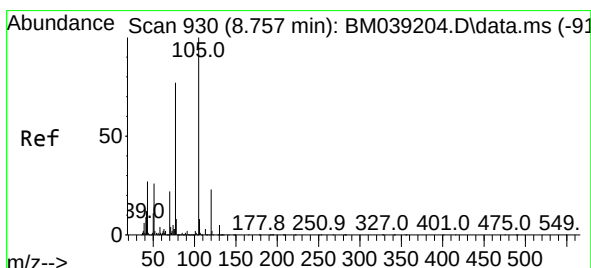
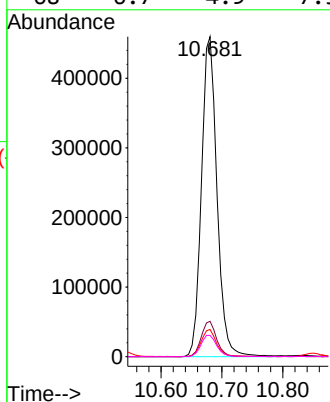
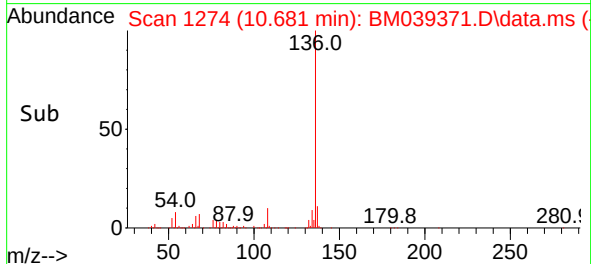
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 811340
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 6.2 9.4
68 6.7 4.9 7.3

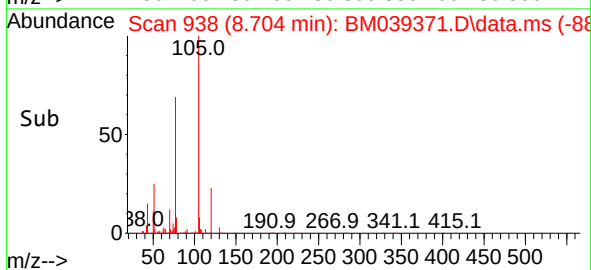
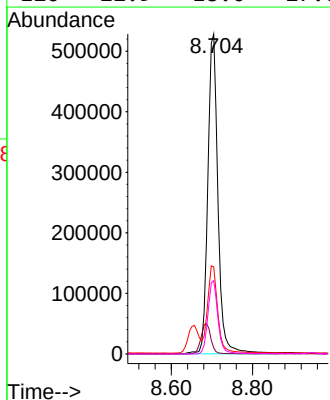
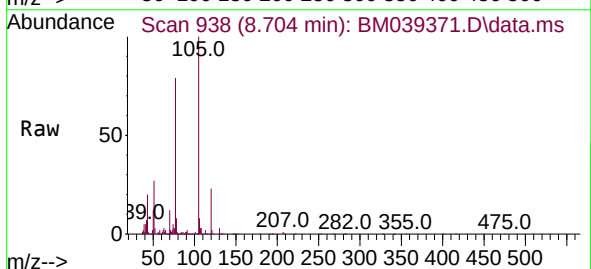
Manual Integrations
APPROVED

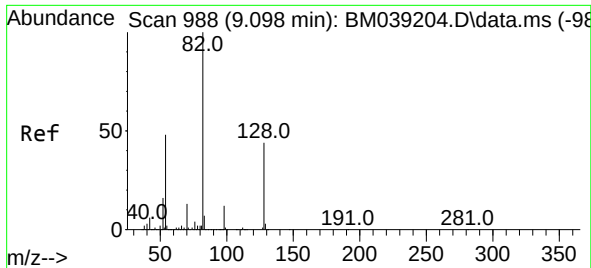
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#22
Acetophenone
Concen: 42.638 ng
RT: 8.704 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

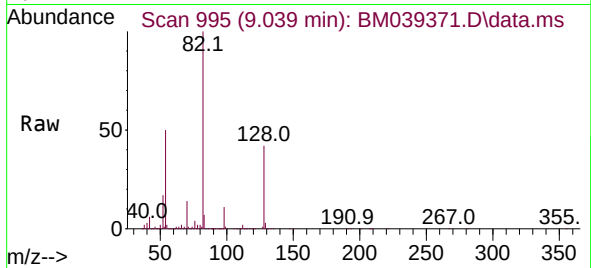
Tgt Ion:105 Resp: 924945
Ion Ratio Lower Upper
105 100
71 1.9 2.8 4.2#
51 27.3 20.6 31.0
120 22.9 18.0 27.0





#23
Nitrobenzene-d5
Concen: 87.489 ng
RT: 9.039 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

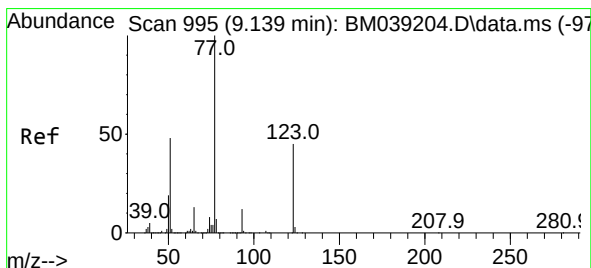
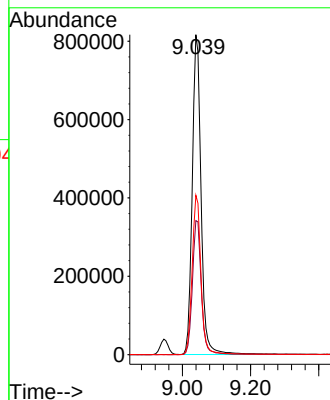
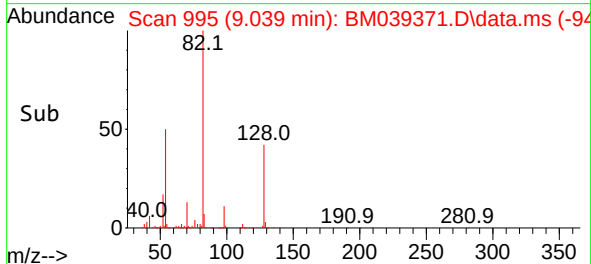
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



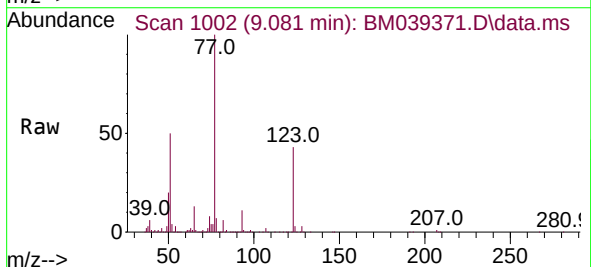
Tgt Ion: 82 Resp: 146048
Ion Ratio Lower Upper
82 100
128 41.9 35.1 52.7
54 49.8 38.5 57.7

Manual Integrations
APPROVED

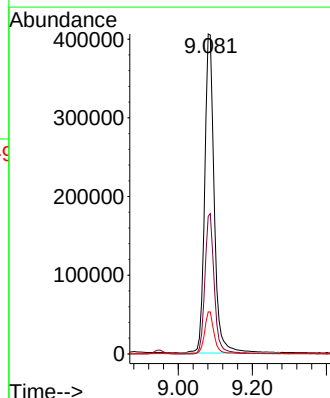
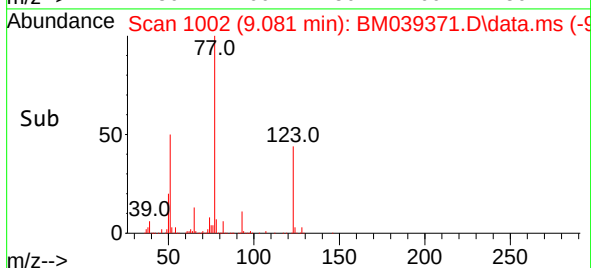
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

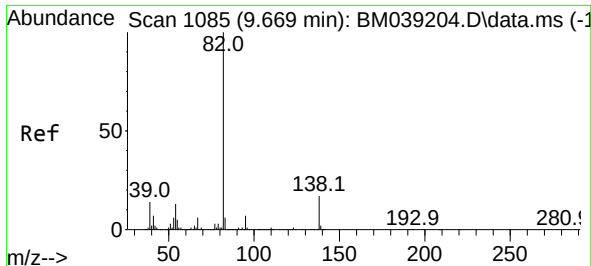


#24
Nitrobenzene
Concen: 43.750 ng
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



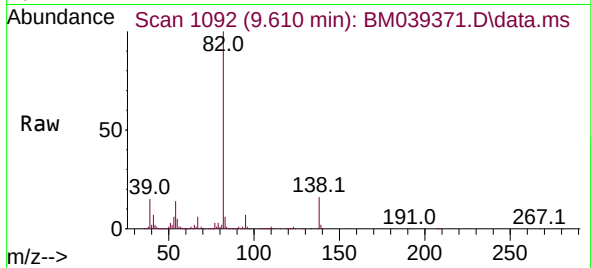
Tgt Ion: 77 Resp: 726440
Ion Ratio Lower Upper
77 100
123 43.0 36.2 54.2
65 13.1 10.6 15.8





#25
Isophorone
Concen: 42.866 ng
RT: 9.610 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

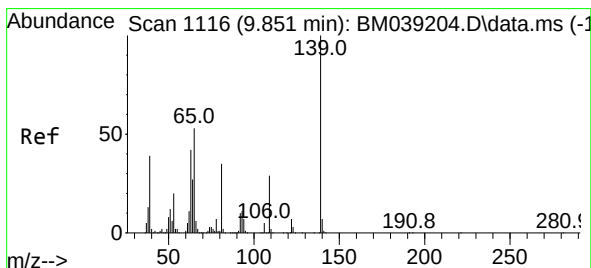
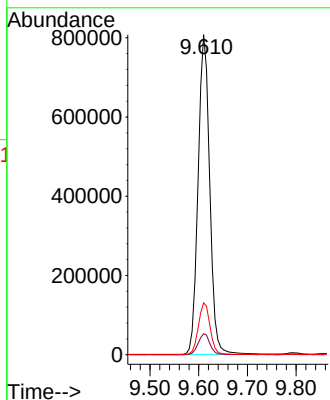
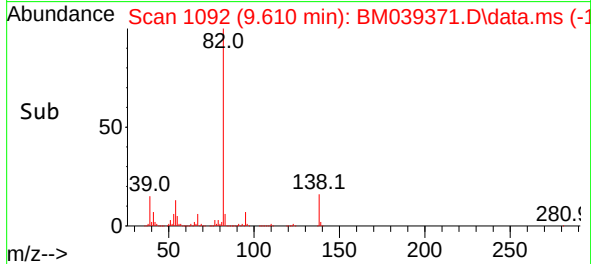
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 1334962
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.2 13.5 20.3

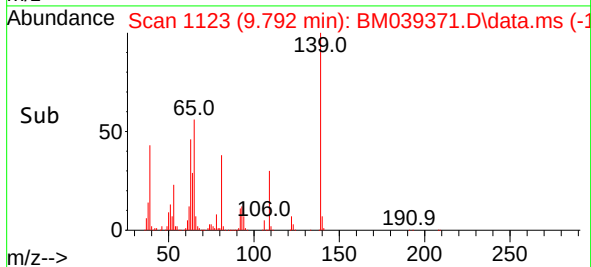
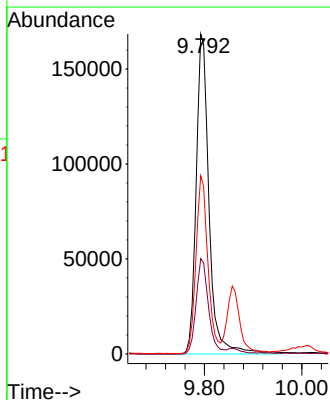
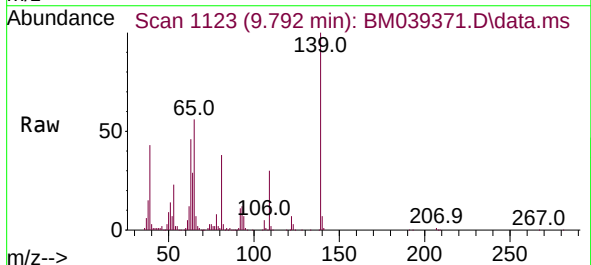
Manual Integrations
APPROVED

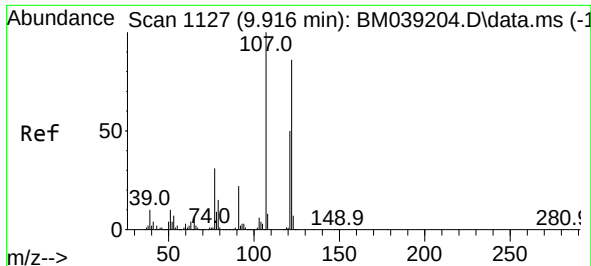
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#26
2-Nitrophenol
Concen: 39.999 ng
RT: 9.792 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

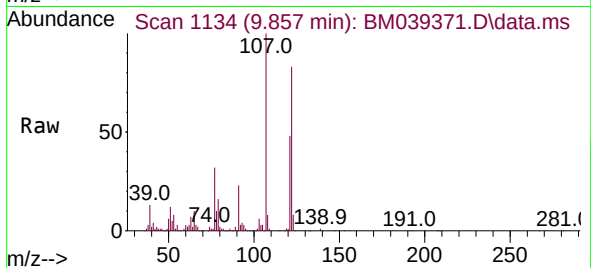
Tgt Ion:139 Resp: 307012
Ion Ratio Lower Upper
139 100
109 29.8 23.4 35.0
65 55.7 42.2 63.2





#27
2,4-Dimethylphenol
Concen: 41.086 ng
RT: 9.857 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

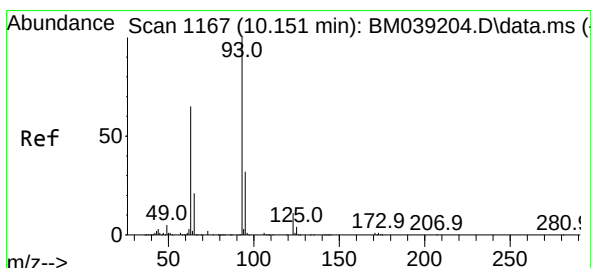
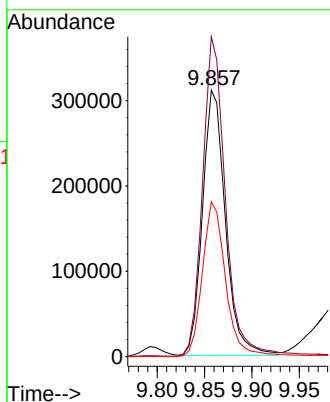
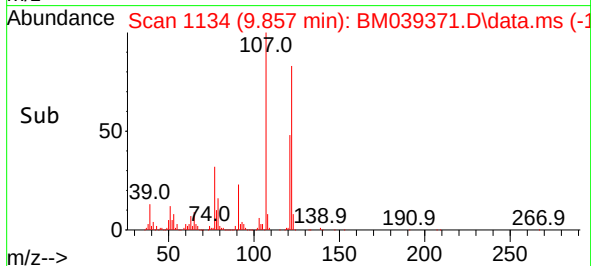
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



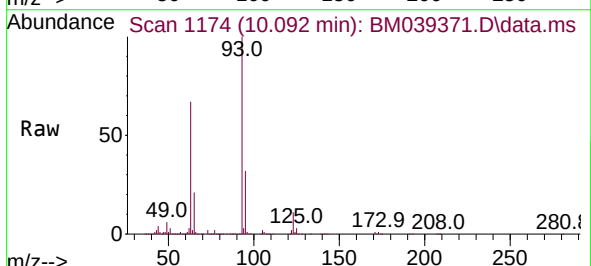
Tgt Ion:122 Resp: 523968
Ion Ratio Lower Upper
122 100
107 120.1 92.3 138.5
121 58.1 46.3 69.5

Manual Integrations
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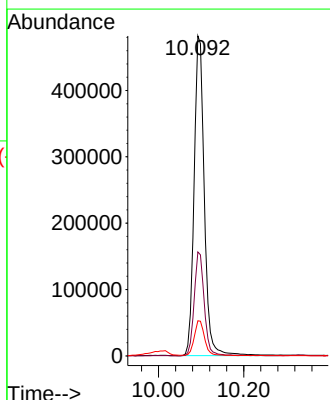
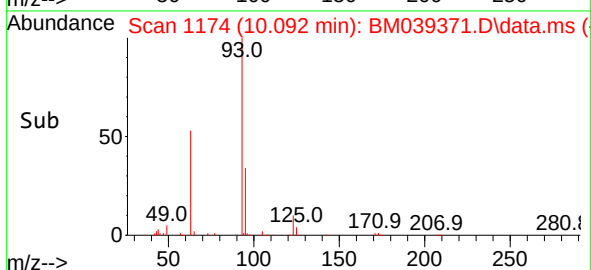
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

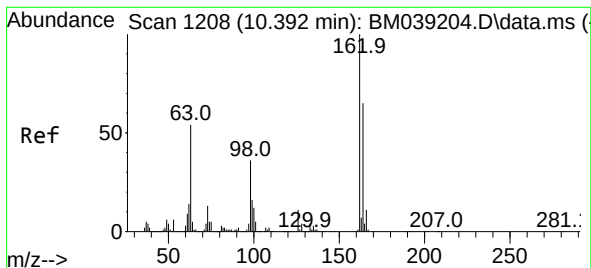


#28
bis(2-Chloroethoxy)methane
Concen: 42.663 ng
RT: 10.092 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



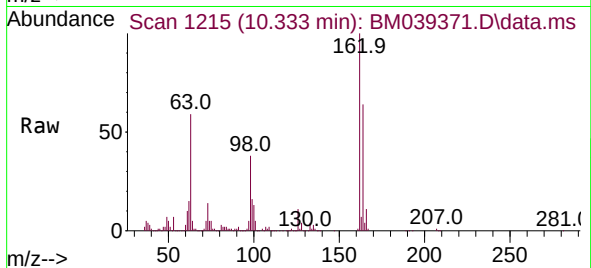
Tgt Ion: 93 Resp: 804282
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.0 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 42.187 ng
RT: 10.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

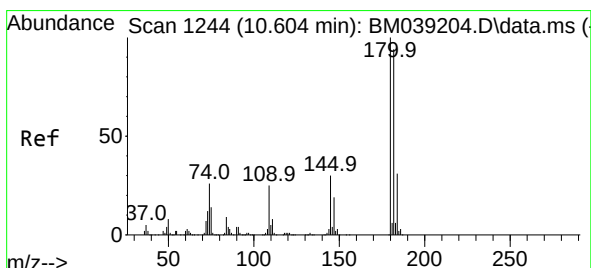
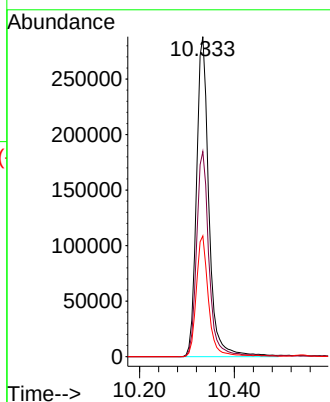
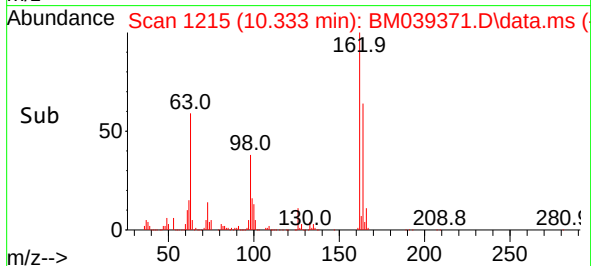
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



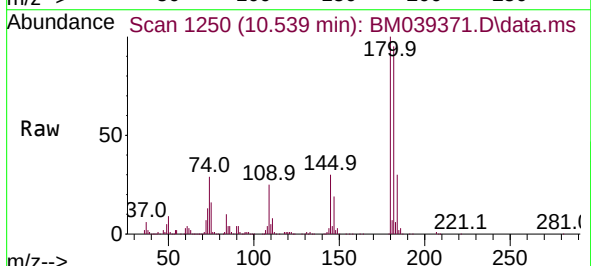
Tgt Ion:162 Resp: 524932
Ion Ratio Lower Upper
162 100
164 64.1 44.8 84.8
98 37.7 16.0 56.0

Manual Integrations
APPROVED

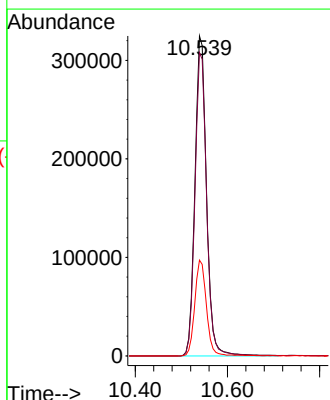
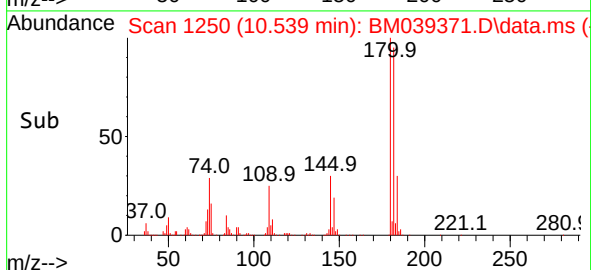
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

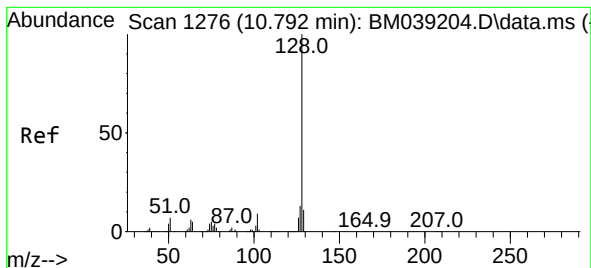


#30
1,2,4-Trichlorobenzene
Concen: 42.411 ng
RT: 10.539 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



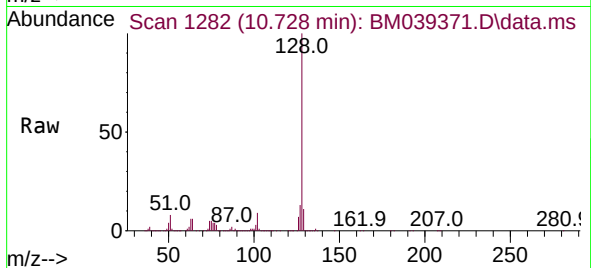
Tgt Ion:180 Resp: 564568
Ion Ratio Lower Upper
180 100
182 94.8 75.2 112.8
145 29.9 23.9 35.9





#31
Naphthalene
Concen: 42.430 ng
RT: 10.728 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

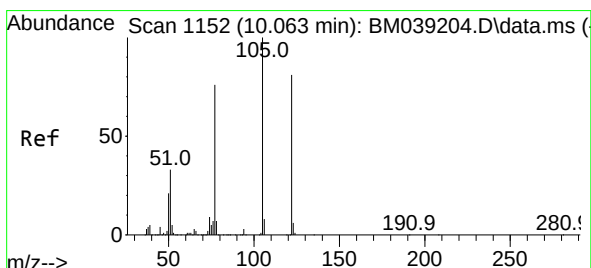
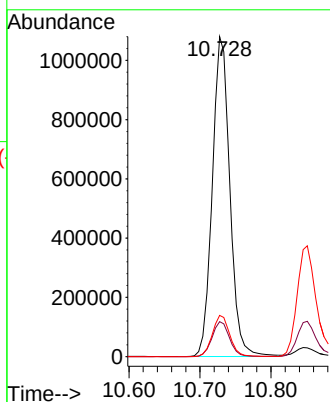
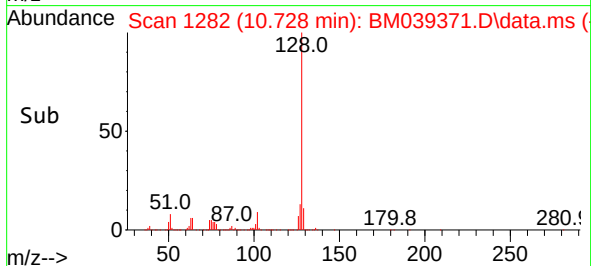
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



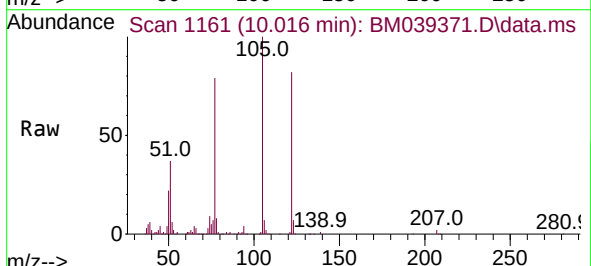
Tgt Ion:128 Resp: 1854935
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.3 15.5

Manual Integrations
APPROVED

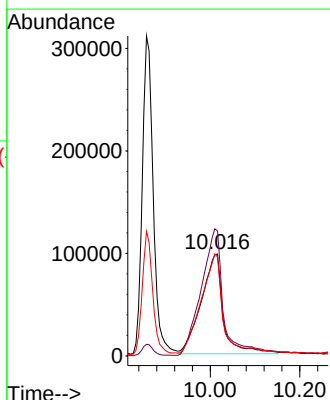
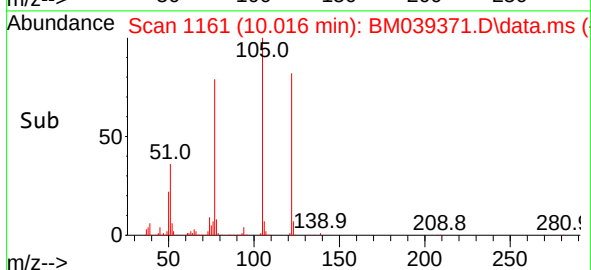
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

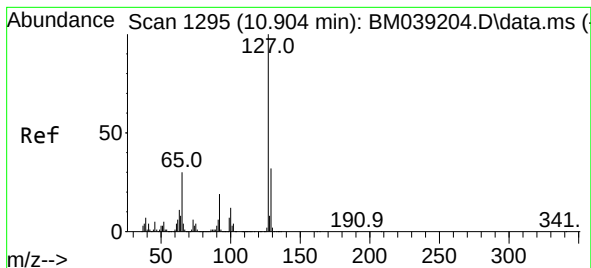


#32
Benzoic acid
Concen: 33.855 ng m
RT: 10.016 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



Tgt Ion:122 Resp: 336513
Ion Ratio Lower Upper
122 100
105 122.6 103.1 143.1
77 96.9 74.6 114.6





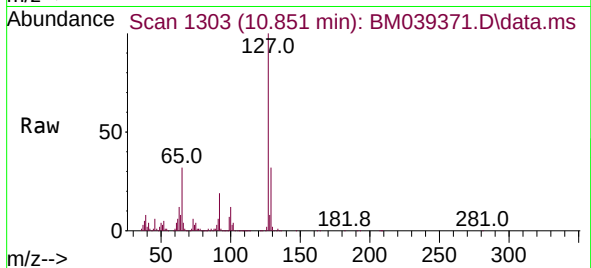
#33
4-Chloroaniline
Concen: 39.216 ng
RT: 10.851 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

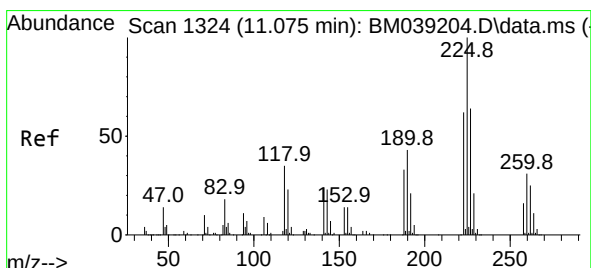
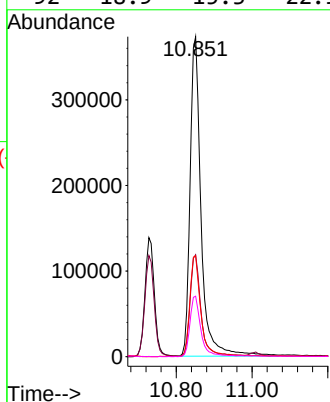
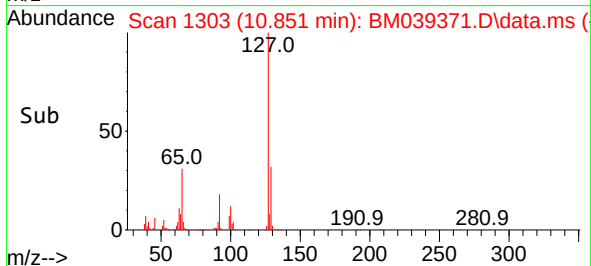


Tgt Ion:127 Resp: 751098
Ion Ratio Lower Upper
127 100
129 31.8 25.7 38.5
65 31.5 24.1 36.1
92 18.9 15.3 22.9

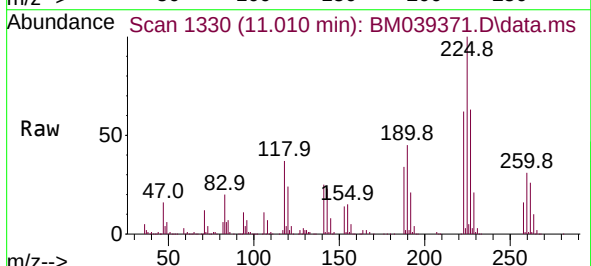
Manual Integrations

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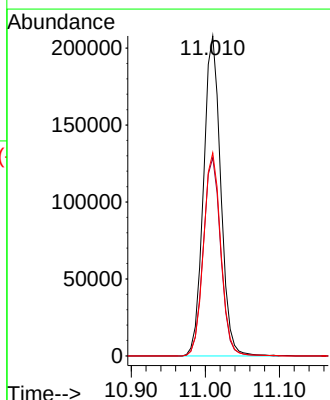
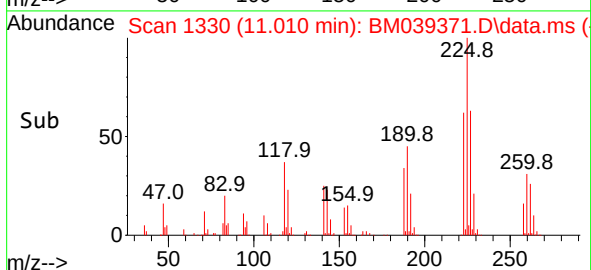
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

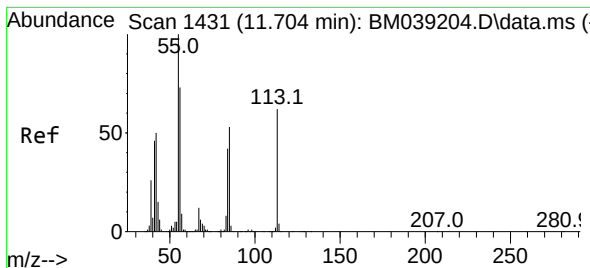


#34
Hexachlorobutadiene
Concen: 42.784 ng
RT: 11.010 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



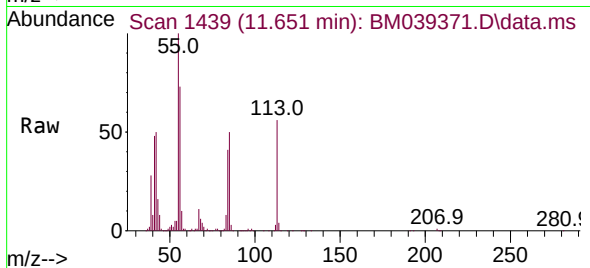
Tgt Ion:225 Resp: 334889
Ion Ratio Lower Upper
225 100
223 61.9 49.8 74.6
227 63.5 51.6 77.4





#35
Caprolactam
Concen: 38.307 ng
RT: 11.651 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

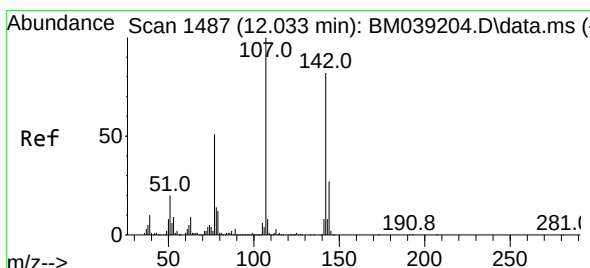
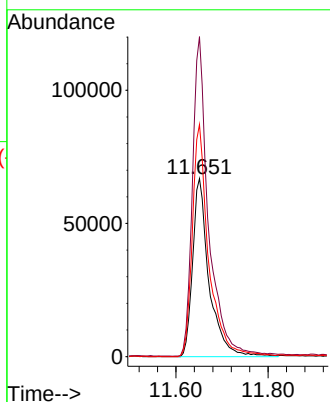
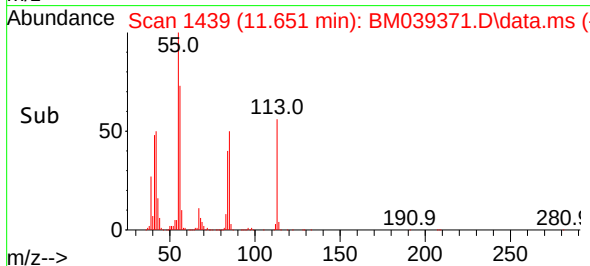
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



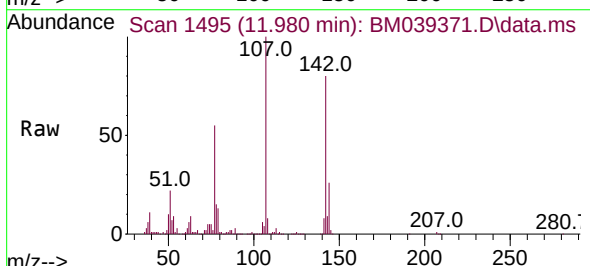
Tgt Ion:113 Resp: 165500
Ion Ratio Lower Upper
113 100
55 179.8 141.8 181.8
56 130.4 98.3 138.3

Manual Integrations
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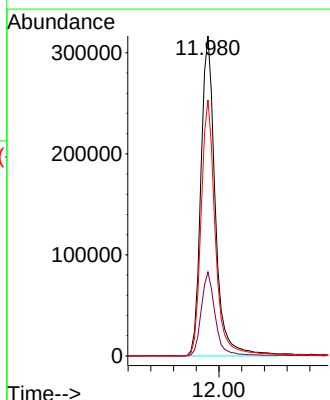
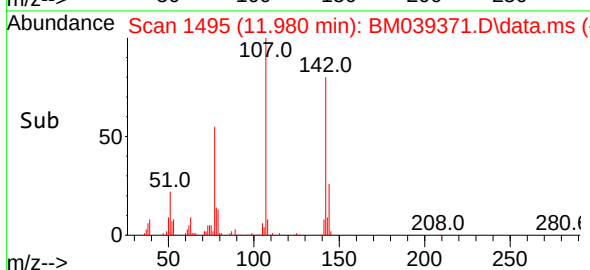
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

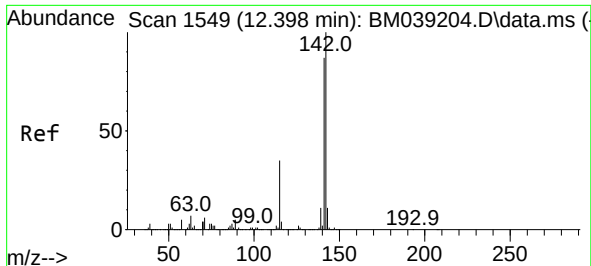


#36
4-Chloro-3-methylphenol
Concen: 40.570 ng
RT: 11.980 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



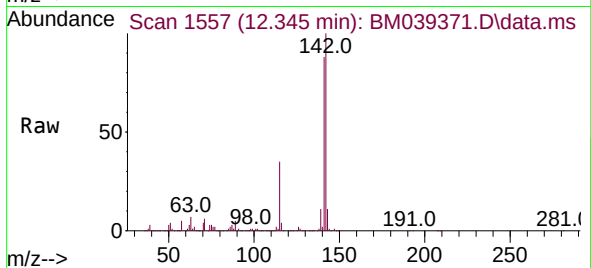
Tgt Ion:107 Resp: 556954
Ion Ratio Lower Upper
107 100
144 26.2 21.4 32.2
142 80.0 65.2 97.8





#37
2-Methylnaphthalene
Concen: 41.729 ng
RT: 12.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

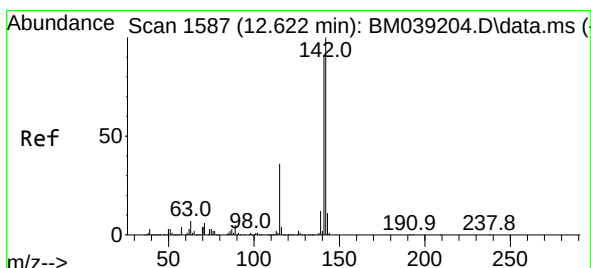
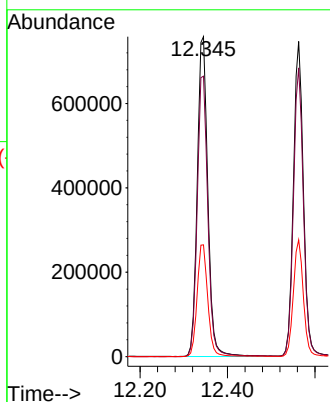
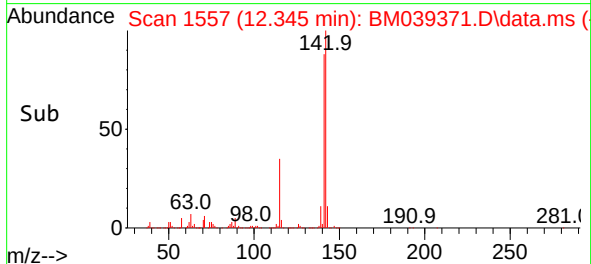
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



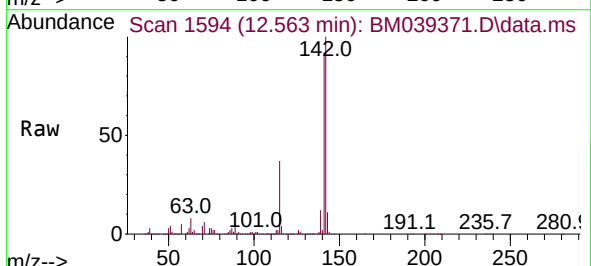
Tgt Ion:142 Resp: 1269974
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.8
115 34.9 27.8 41.8

Manual Integrations
APPROVED

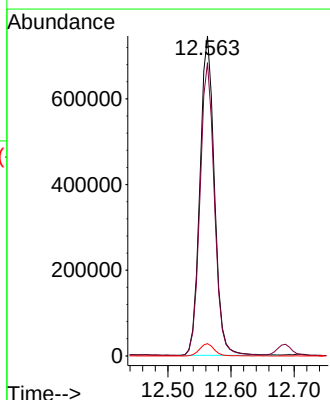
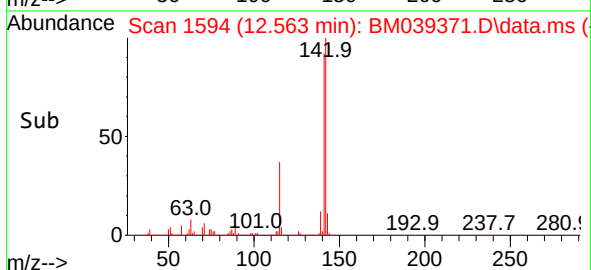
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

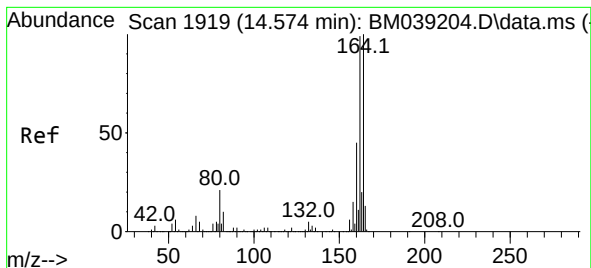


#38
1-Methylnaphthalene
Concen: 41.610 ng
RT: 12.563 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



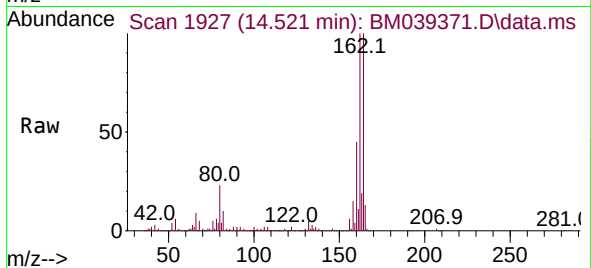
Tgt Ion:142 Resp: 1185761
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8
116 3.8 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

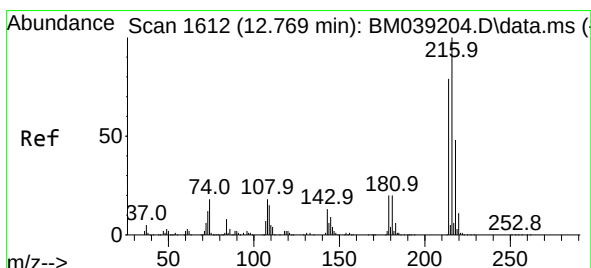
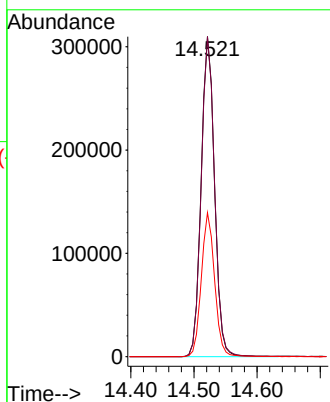
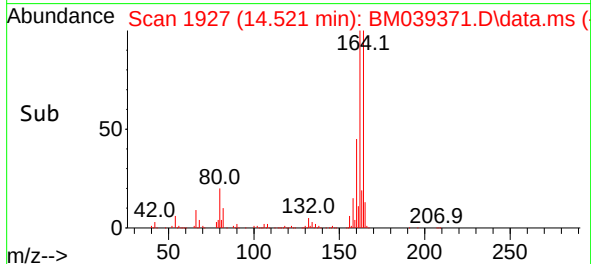
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



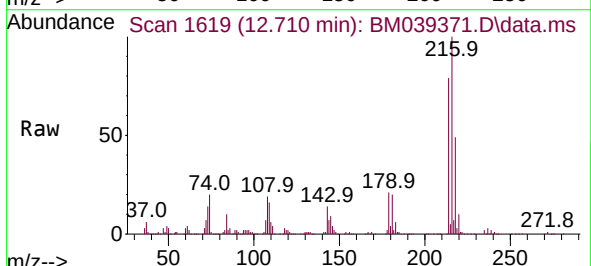
Tgt Ion:164 Resp: 455639
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 45.0 35.8 53.8

Manual Integrations
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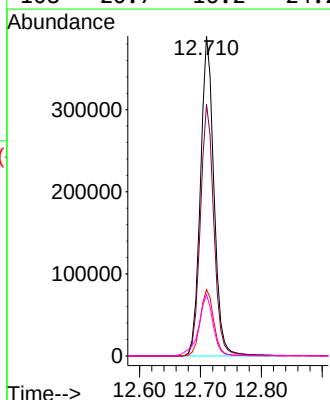
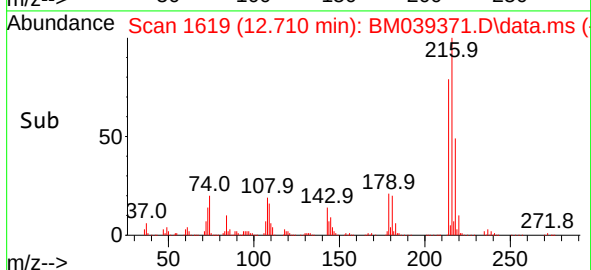
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

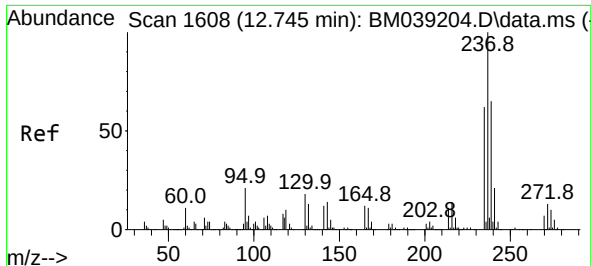


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.120 ng
RT: 12.710 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



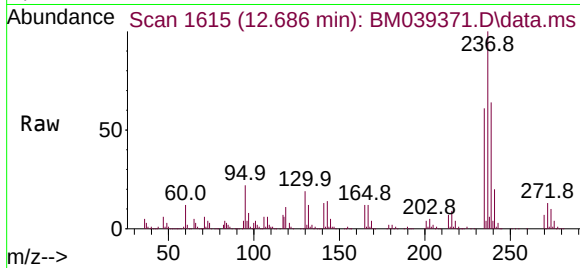
Tgt Ion:216 Resp: 598188
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
179 21.0 16.8 25.2
108 20.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 41.155 ng
RT: 12.686 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

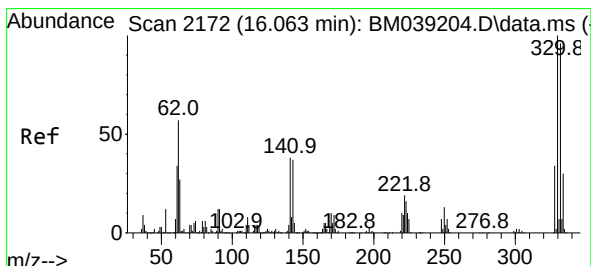
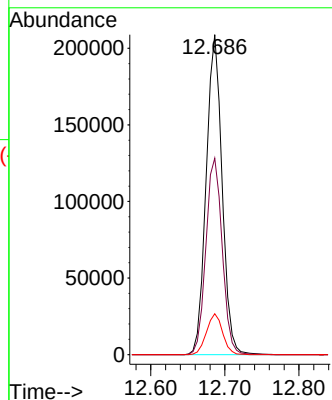
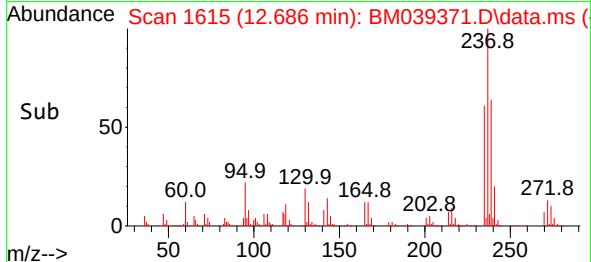
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



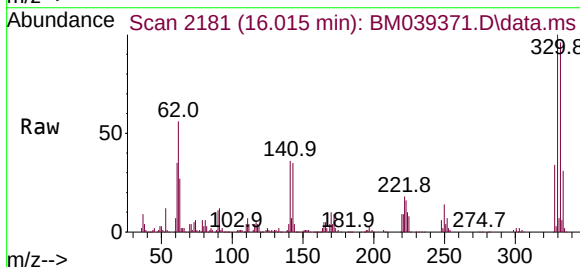
Tgt Ion: 237 Resp: 311902
Ion Ratio Lower Upper
237 100
235 61.4 41.6 81.6
272 12.8 0.0 33.2

Manual Integrations
APPROVED

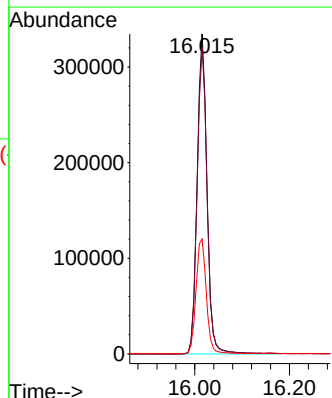
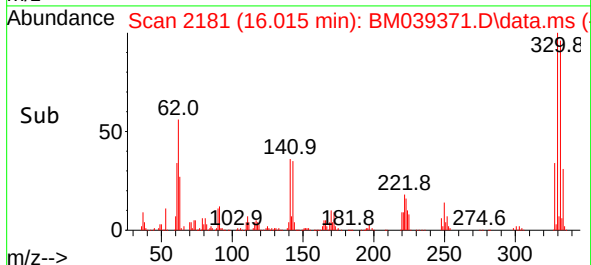
Reviewed By : Christian Giraldo 04/11/2023
Supervised By : Jagrut Upadhyay 04/11/2023

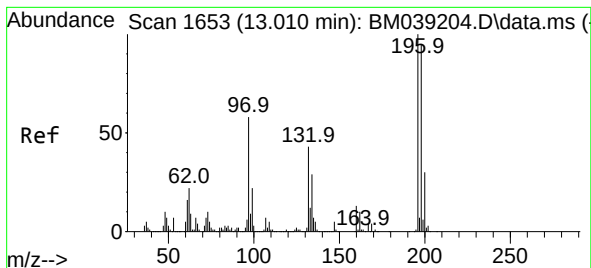


#42
2,4,6-Tribromophenol
Concen: 83.763 ng
RT: 16.015 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



Tgt Ion: 330 Resp: 484478
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.8 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 41.873 ng

RT: 12.957 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BM039371.D

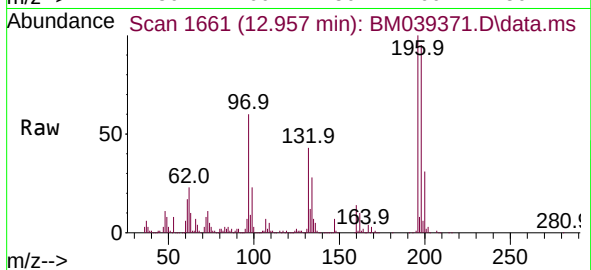
Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 396159

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

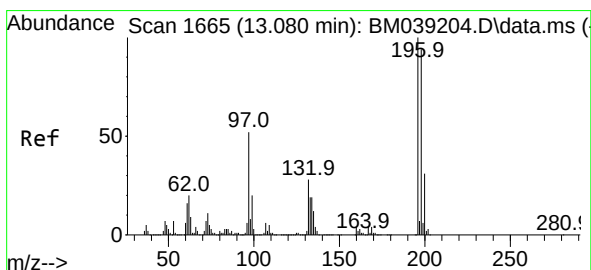
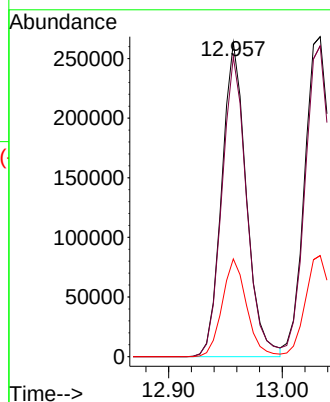
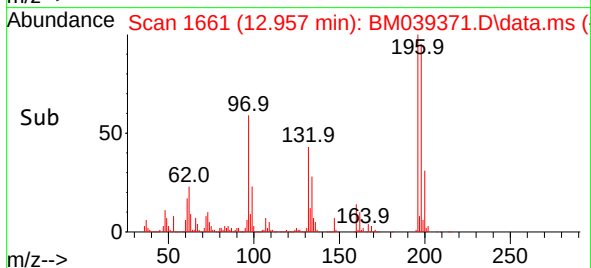
200 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#44

2,4,5-Trichlorophenol

Concen: 42.110 ng

RT: 13.033 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

Tgt Ion:196 Resp: 467044

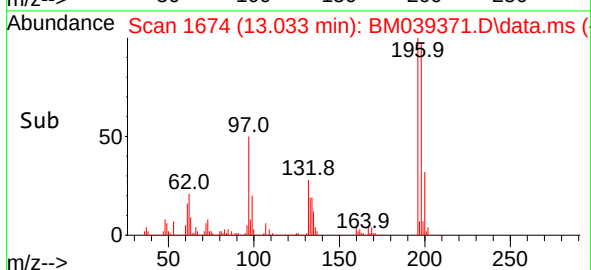
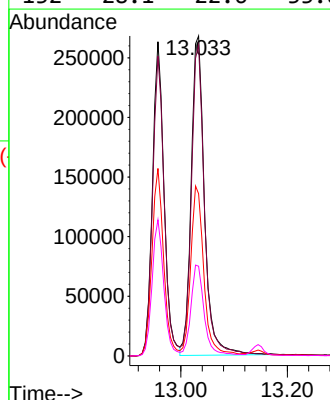
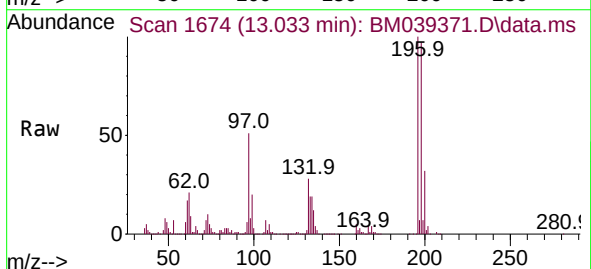
Ion Ratio Lower Upper

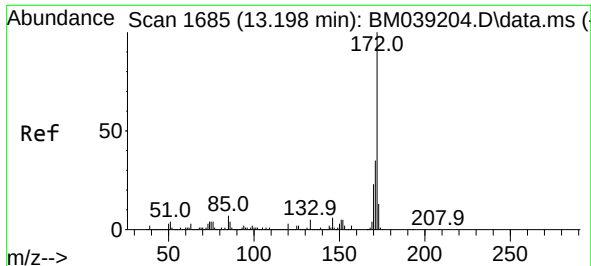
196 100

198 97.1 75.2 112.8

97 50.7 41.4 62.0

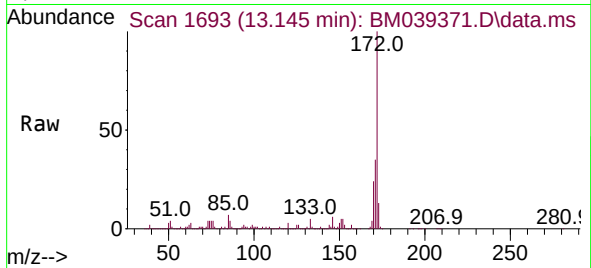
132 28.1 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 86.917 ng
RT: 13.145 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

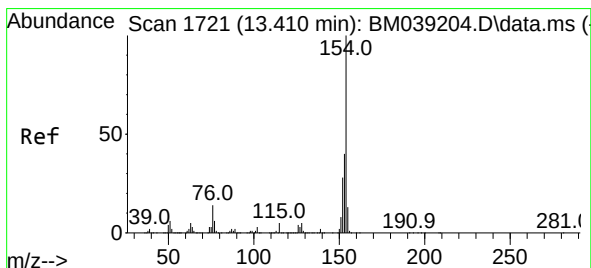
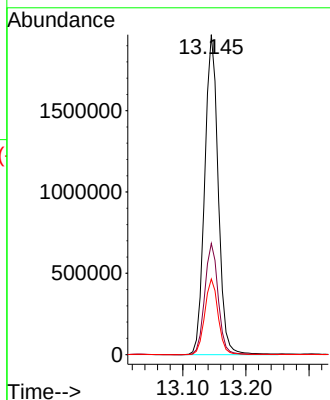
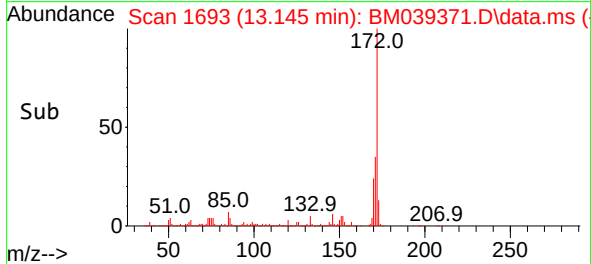
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



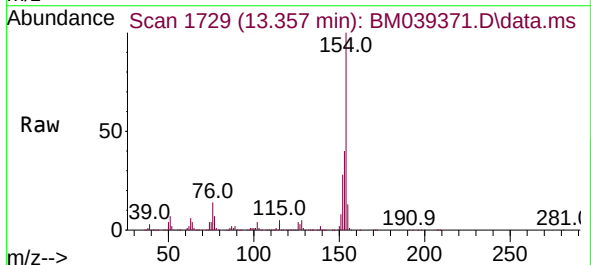
Tgt Ion:172 Resp: 2922892
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.6 18.7 28.1

Manual Integrations
APPROVED

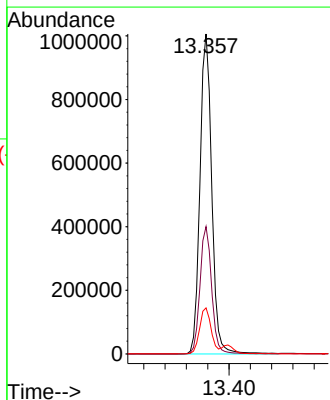
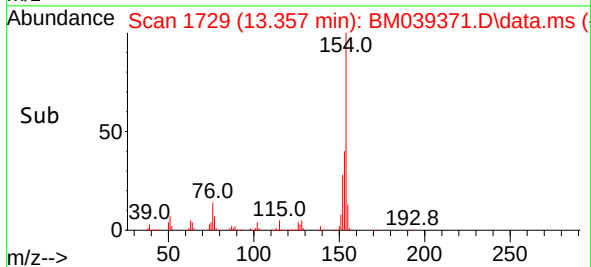
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

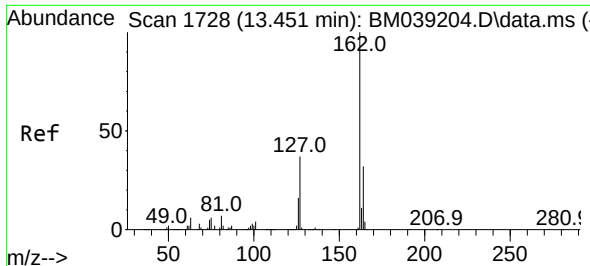


#46
1,1'-Biphenyl
Concen: 42.781 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



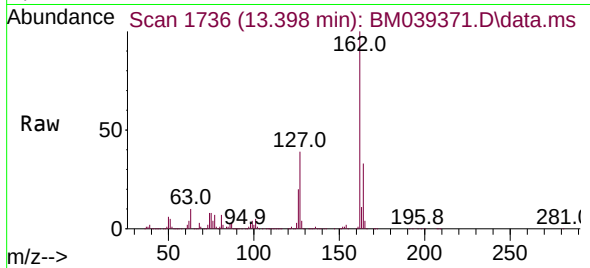
Tgt Ion:154 Resp: 1539279
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 14.4 0.0 33.5





#47
2-Chloronaphthalene
Concen: 42.112 ng
RT: 13.398 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

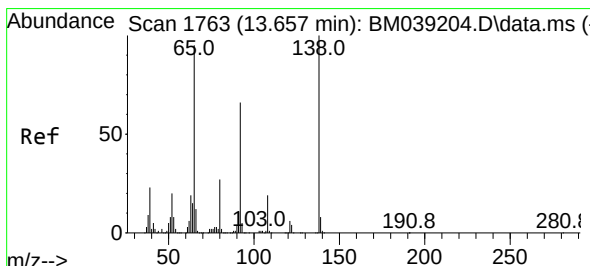
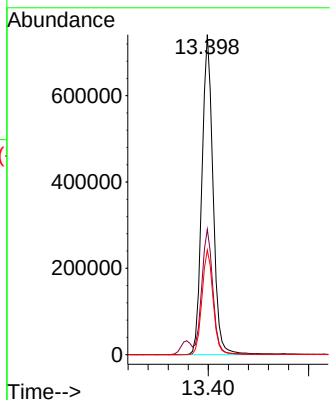
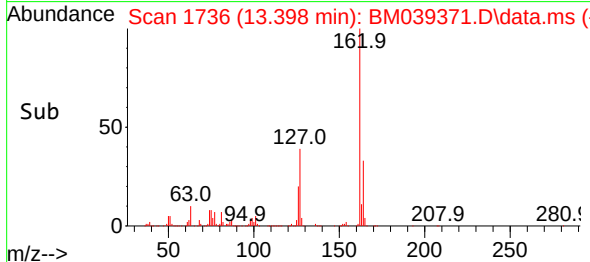
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



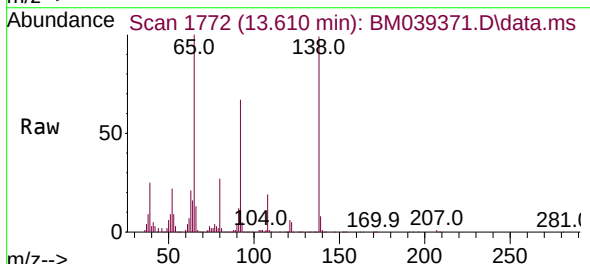
Tgt Ion:162 Resp: 1147293
Ion Ratio Lower Upper
162 100
127 39.2 31.4 47.0
164 32.7 25.7 38.5

Manual Integrations
APPROVED

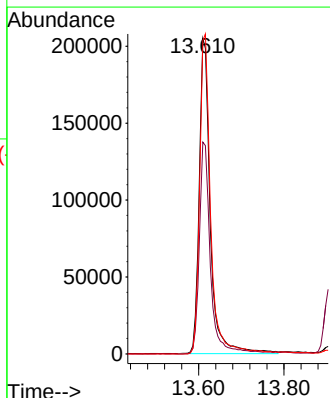
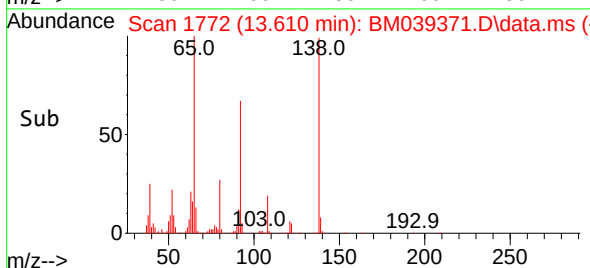
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

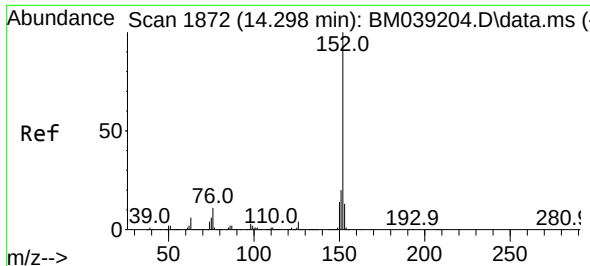


#48
2-Nitroaniline
Concen: 40.328 ng
RT: 13.610 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



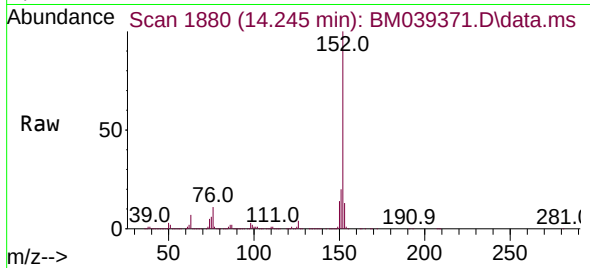
Tgt Ion: 65 Resp: 369723
Ion Ratio Lower Upper
65 100
92 67.1 55.7 83.5
138 99.3 84.5 126.7





#49
Acenaphthylene
Concen: 42.333 ng
RT: 14.245 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

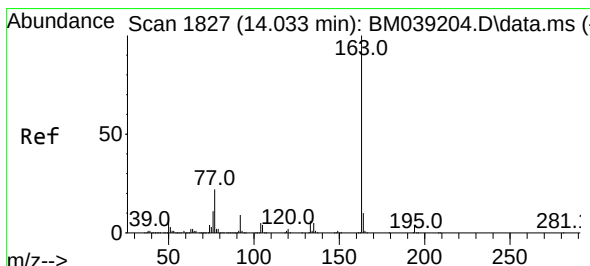
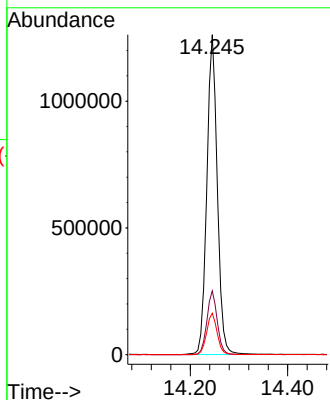
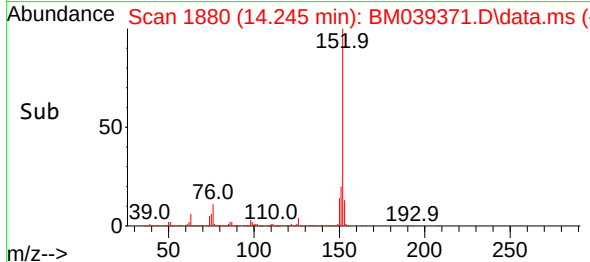
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



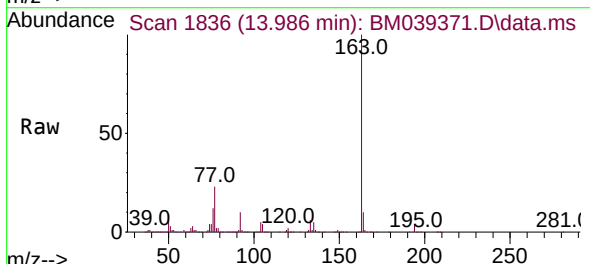
Tgt Ion:152 Resp: 189552
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.3 15.5

Manual Integrations
APPROVED

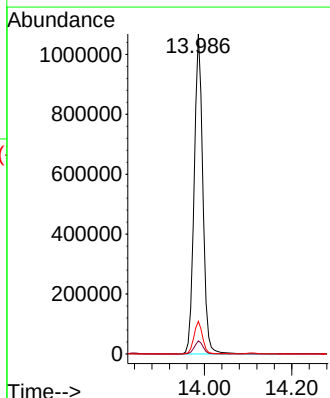
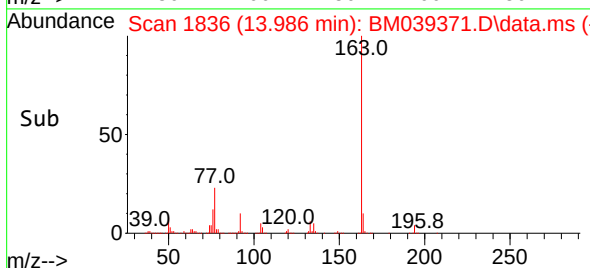
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

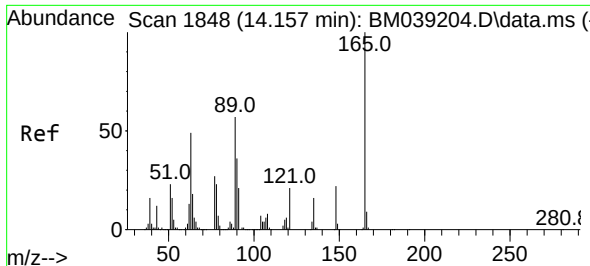


#50
Dimethylphthalate
Concen: 41.905 ng
RT: 13.986 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



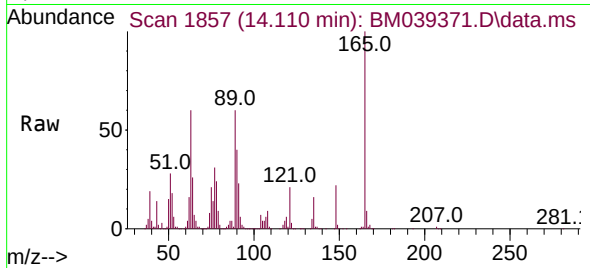
Tgt Ion:163 Resp: 1471465
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.892 ng
RT: 14.110 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

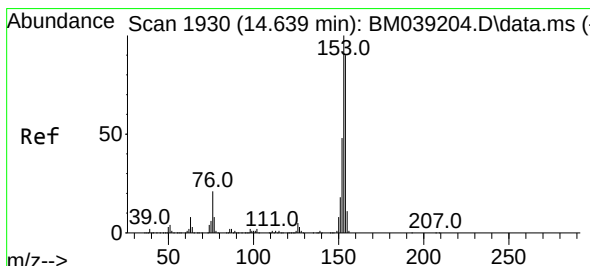
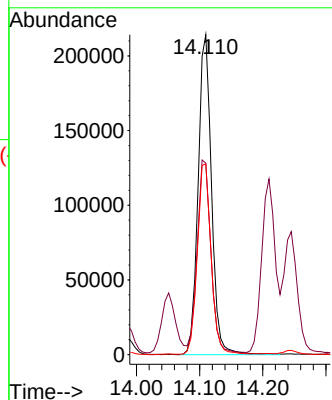
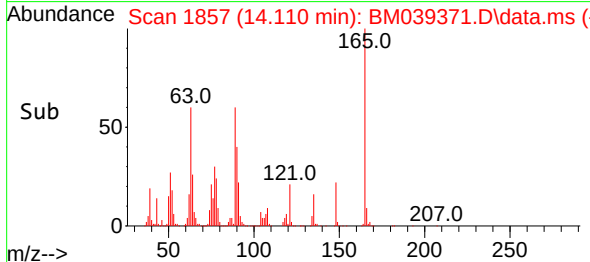
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



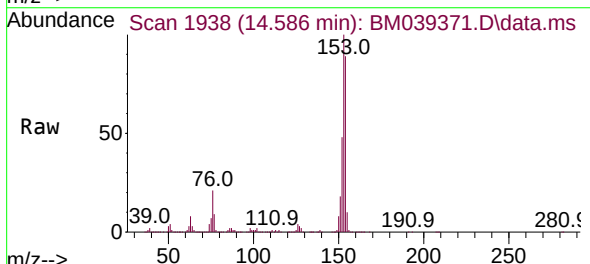
Tgt Ion:165 Resp: 316335
Ion Ratio Lower Upper
165 100
63 59.8 44.9 67.3
89 59.6 45.4 68.0

Manual Integrations
APPROVED

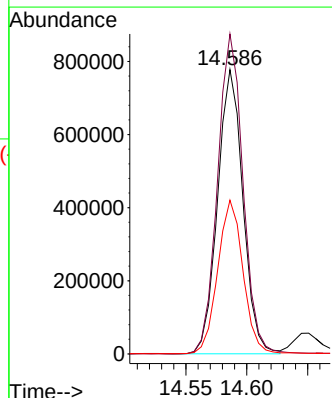
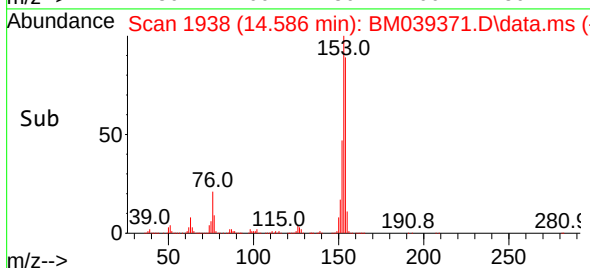
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

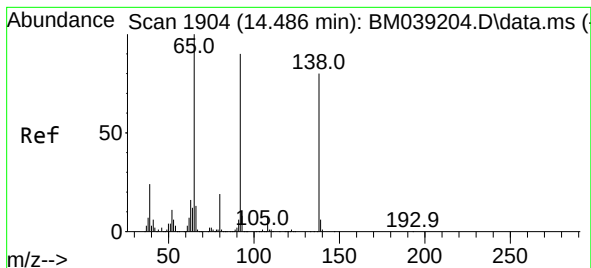


#52
Acenaphthene
Concen: 42.587 ng
RT: 14.586 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



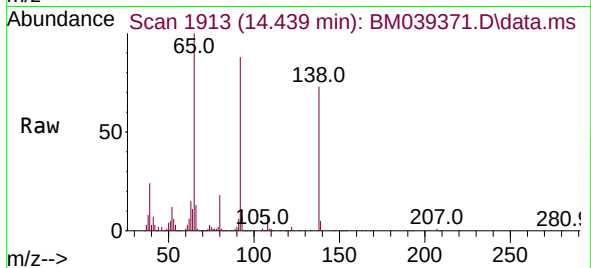
Tgt Ion:154 Resp: 1125982
Ion Ratio Lower Upper
154 100
153 112.6 89.1 133.7
152 54.1 42.6 64.0





#53
3-Nitroaniline
Concen: 36.729 ng
RT: 14.439 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

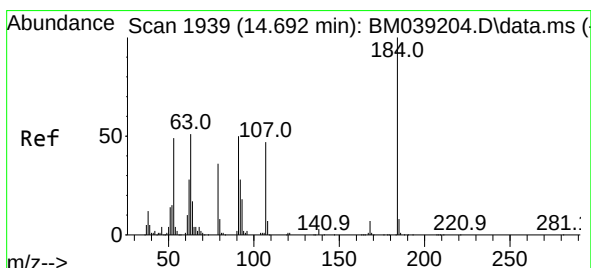
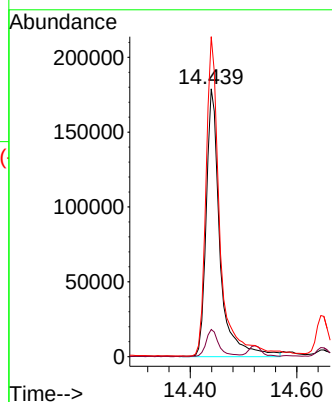
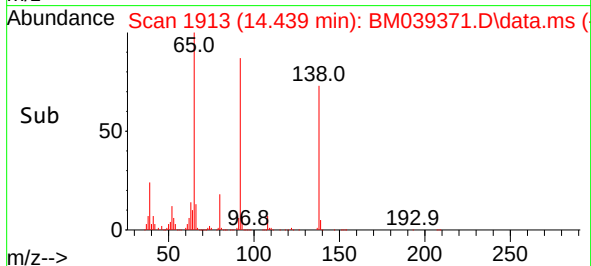
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



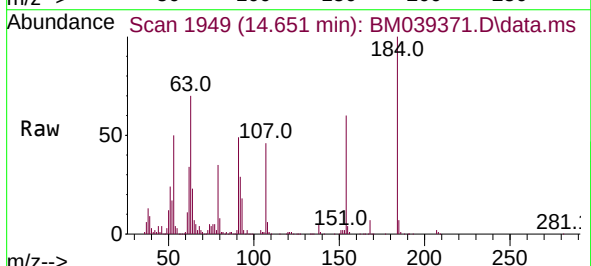
Tgt Ion:138 Resp: 320631
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 119.5 90.8 136.2

Manual Integrations
APPROVED

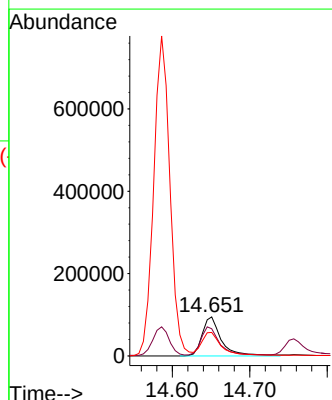
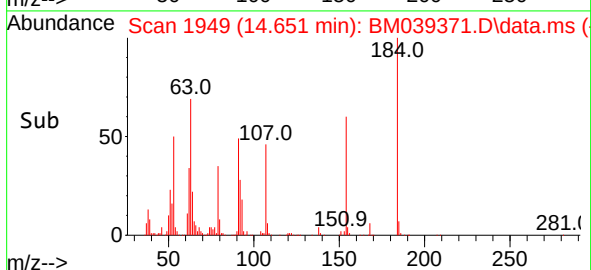
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

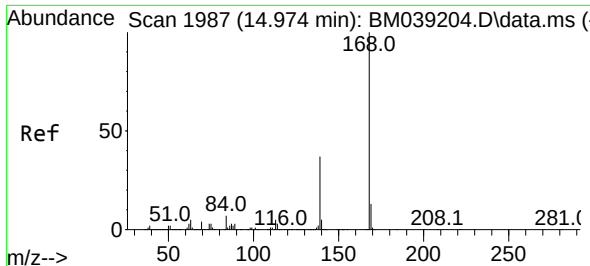


#54
2,4-Dinitrophenol
Concen: 36.187 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



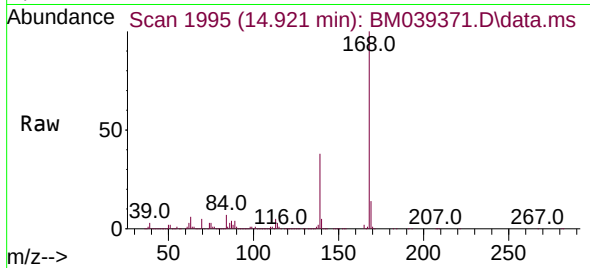
Tgt Ion:184 Resp: 161828
Ion Ratio Lower Upper
184 100
63 69.9 56.4 84.6
154 60.2 48.7 73.1





#55
Dibenzenofuran
Concen: 41.966 ng
RT: 14.921 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

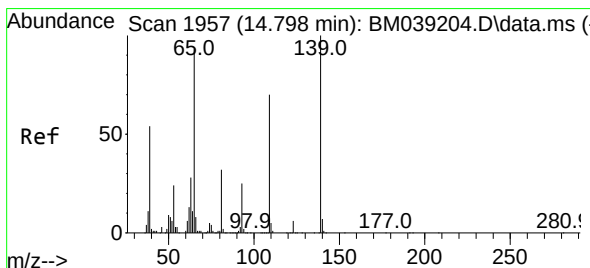
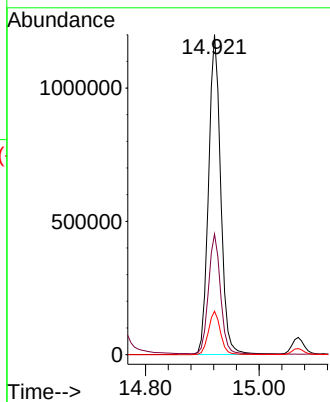
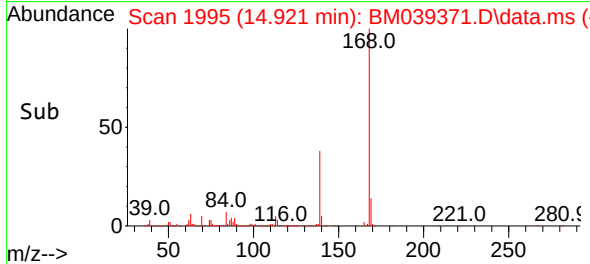
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



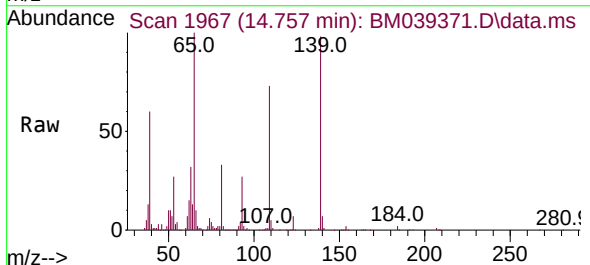
Tgt Ion:168 Resp: 1786328
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.2
169 13.6 10.6 15.8

Manual Integrations
APPROVED

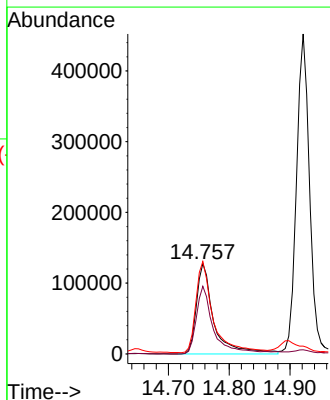
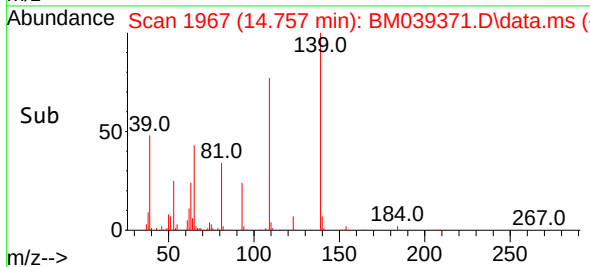
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

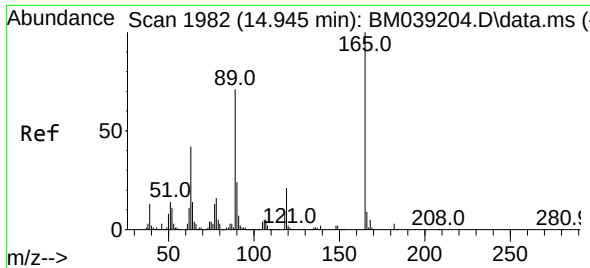


#56
4-Nitrophenol
Concen: 37.641 ng
RT: 14.757 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



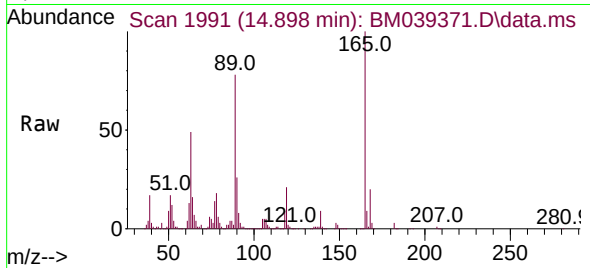
Tgt Ion:139 Resp: 253384
Ion Ratio Lower Upper
139 100
109 74.9 49.6 89.6
65 102.2 72.9 112.9





#57
2,4-Dinitrotoluene
Concen: 40.793 ng
RT: 14.898 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

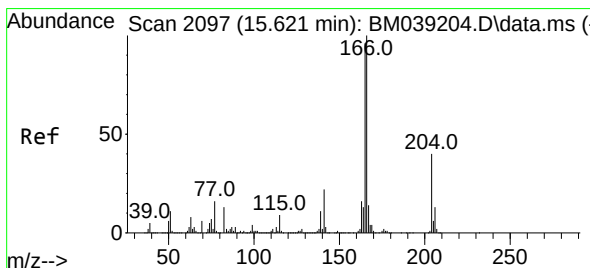
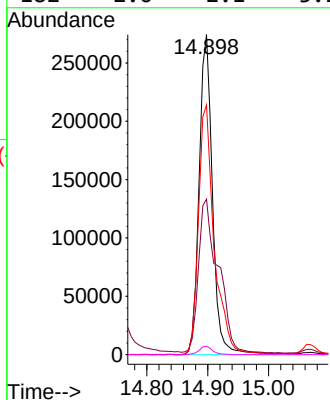
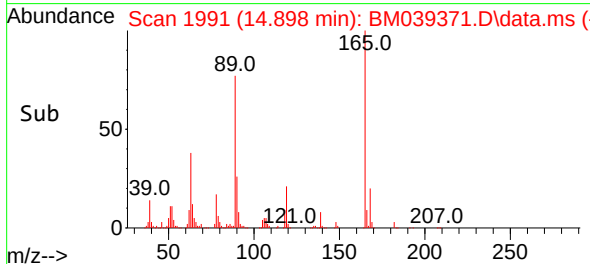
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



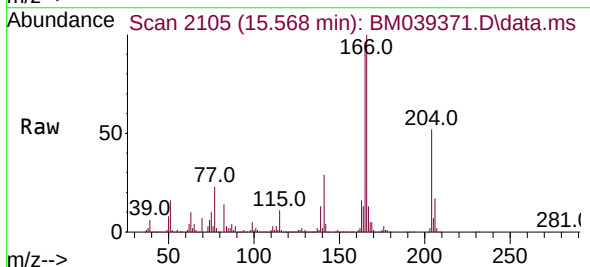
Tgt Ion:165 Resp: 416703
Ion Ratio Lower Upper
165 100
63 48.6 33.5 50.3
89 78.0 56.7 85.1
182 2.6 2.1 3.1

Manual Integrations
APPROVED

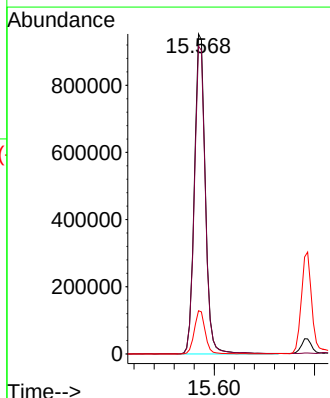
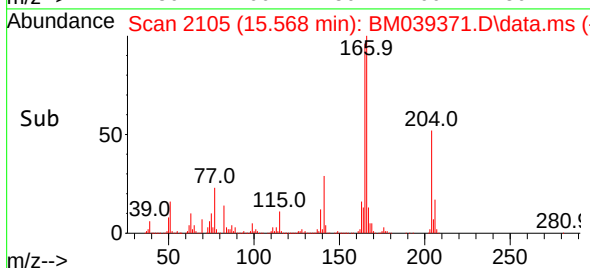
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

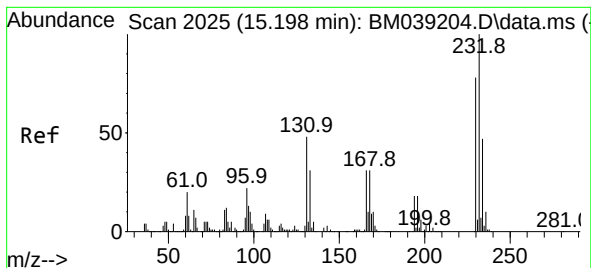


#58
Fluorene
Concen: 42.476 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



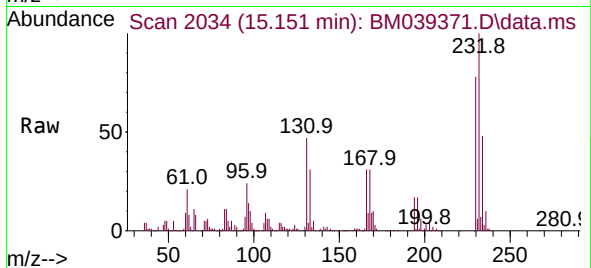
Tgt Ion:166 Resp: 1431722
Ion Ratio Lower Upper
166 100
165 96.2 76.9 115.3
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.144 ng
RT: 15.151 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

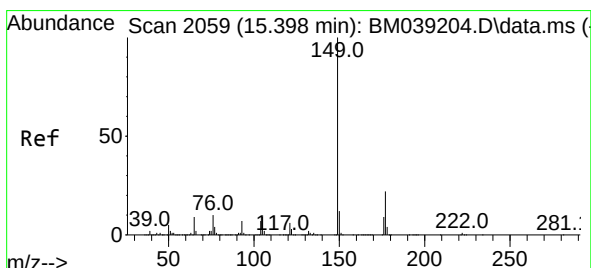
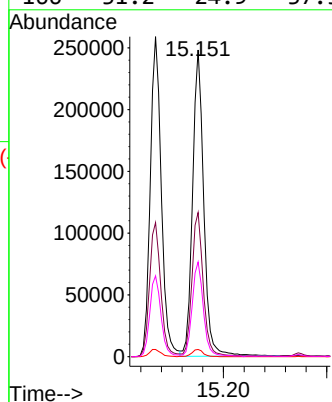
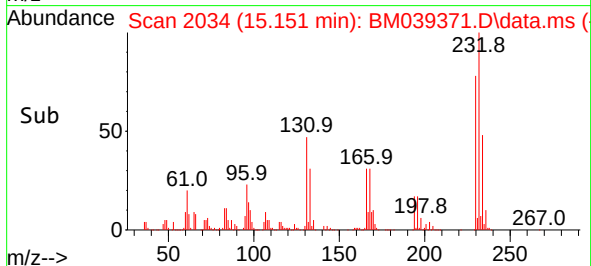
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



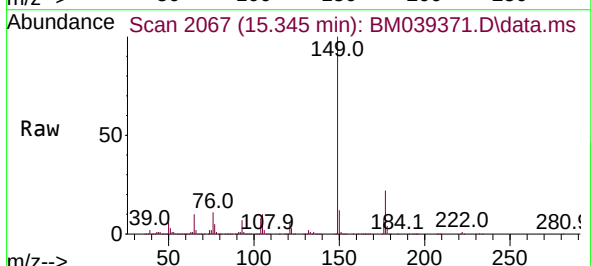
Tgt Ion:232 Resp: 371849
Ion Ratio Lower Upper
232 100
131 47.1 37.7 56.5
130 2.4 1.9 2.9
166 31.2 24.9 37.3

Manual Integrations
APPROVED

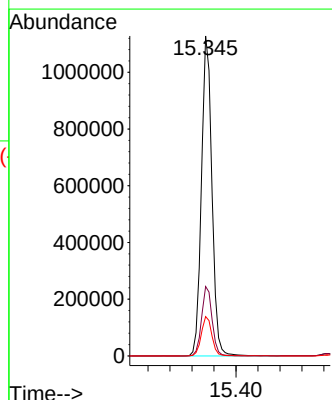
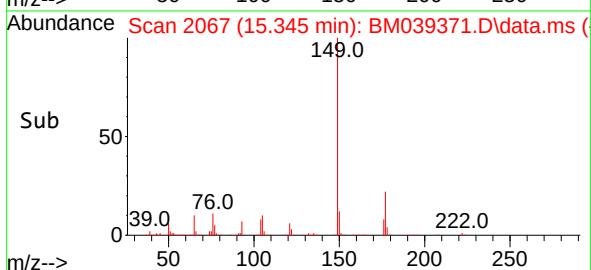
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

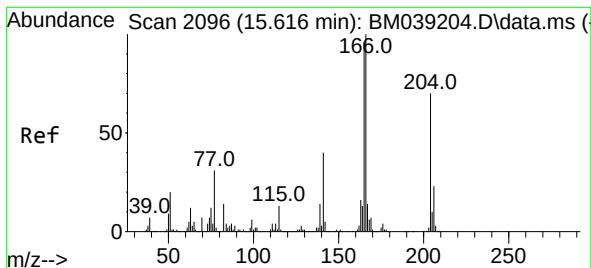


#60
Diethylphthalate
Concen: 42.053 ng
RT: 15.345 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



Tgt Ion:149 Resp: 1486336
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.3 9.8 14.6





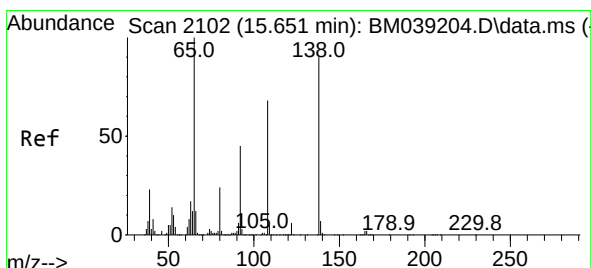
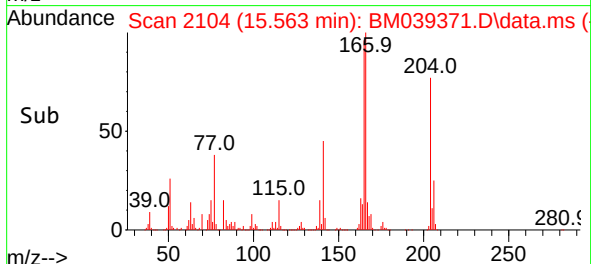
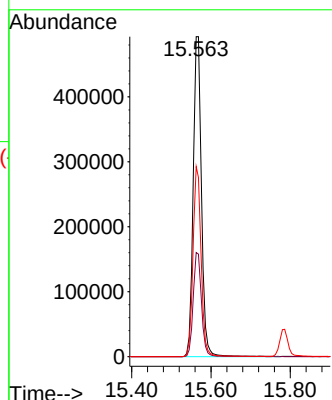
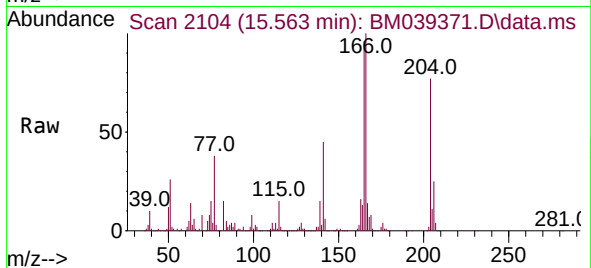
#61
4-Chlorophenyl-phenylether
Concen: 42.618 ng
RT: 15.563 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 71192
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 59.4 45.8 68.6

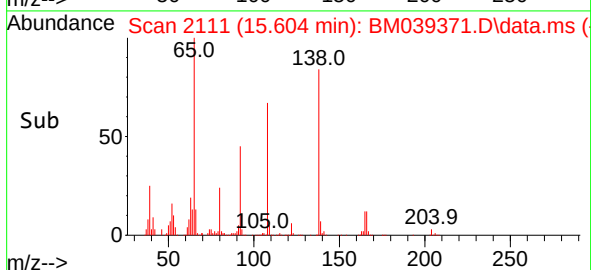
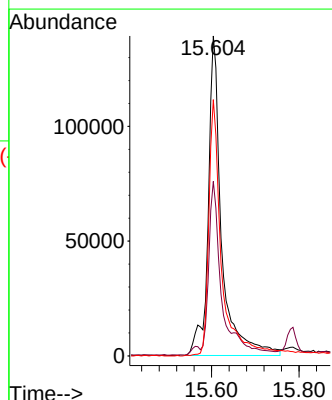
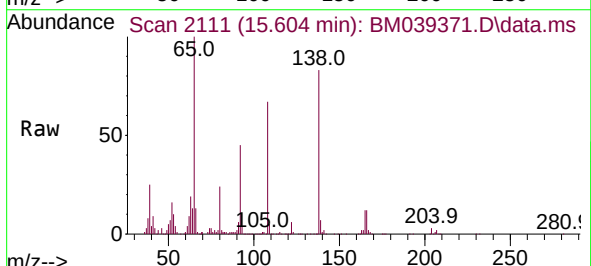
Manual Integrations
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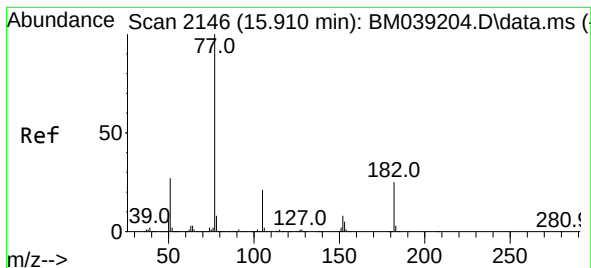
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#62
4-Nitroaniline
Concen: 33.307 ng
RT: 15.604 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion:138 Resp: 298374
Ion Ratio Lower Upper
138 100
92 54.5 30.5 70.5
108 80.1 55.5 95.5





#63

Azobenzene

Concen: 44.059 ng

RT: 15.857 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BM039371.D

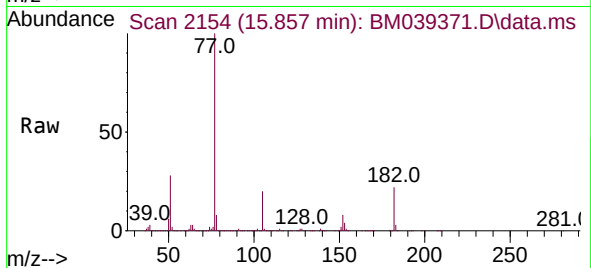
Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 1560154

Ion Ratio Lower Upper

77 100

182 22.2 4.8 44.8

105 20.3 1.4 41.4

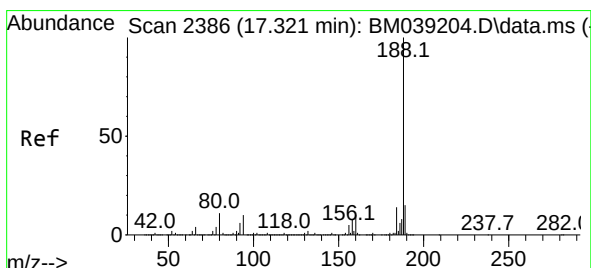
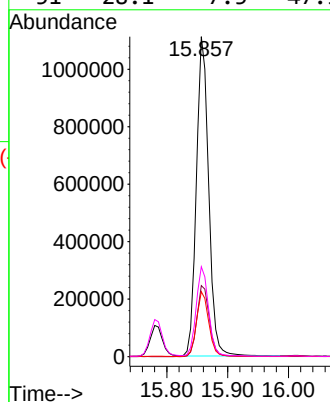
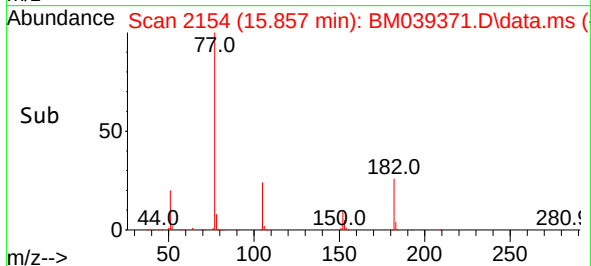
51 28.1 7.5 47.5

Manual Integrations

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Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

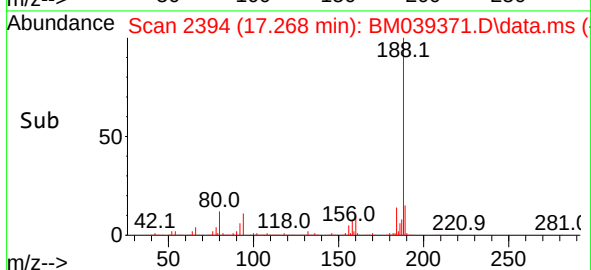
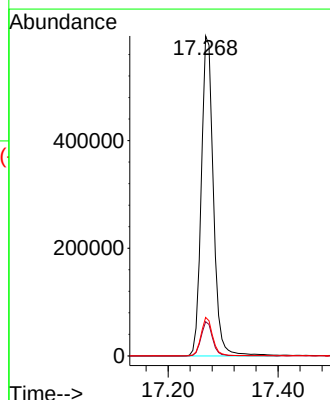
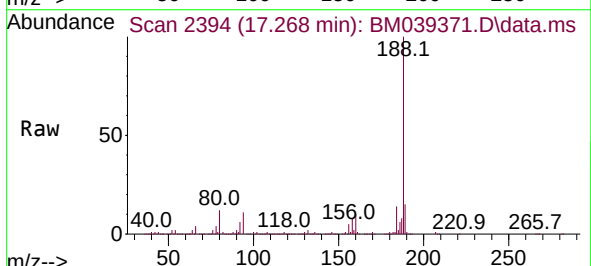
Tgt Ion:188 Resp: 906252

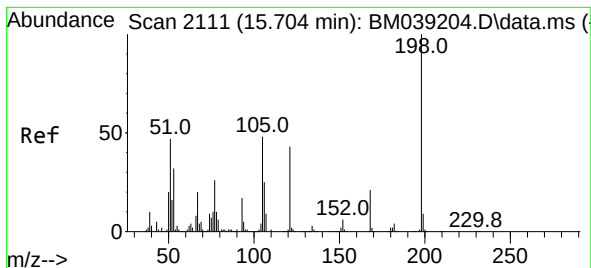
Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

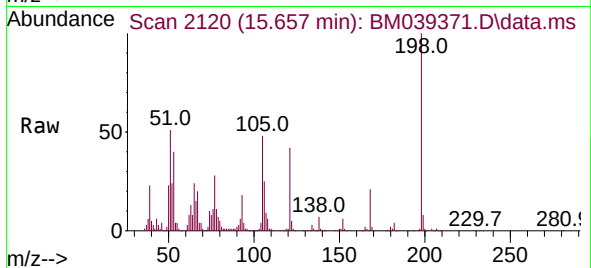
80 12.0 8.9 13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 41.379 ng
RT: 15.657 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

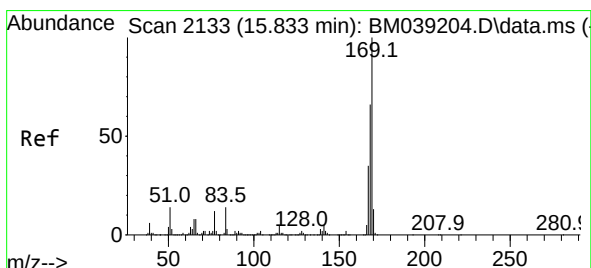
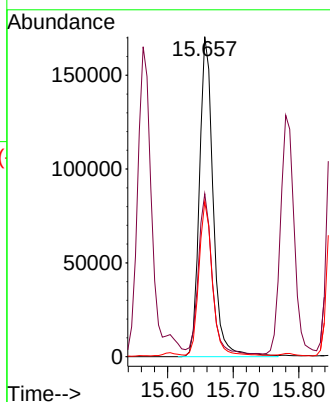
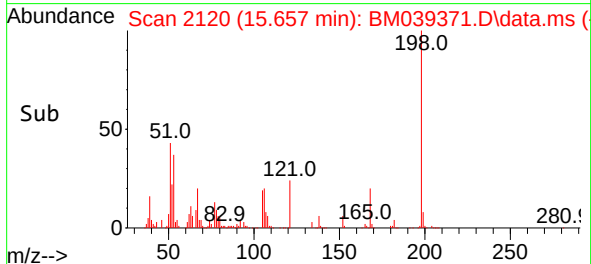
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



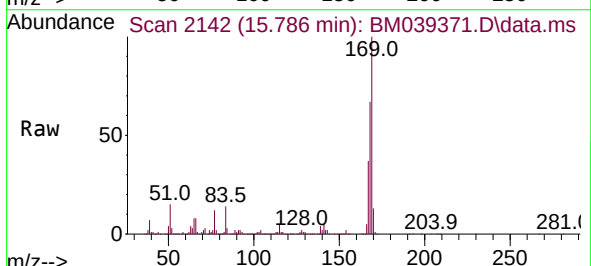
Tgt Ion:198 Resp: 246702
Ion Ratio Lower Upper
198 100
51 50.9 28.9 68.9
105 48.4 28.7 68.7

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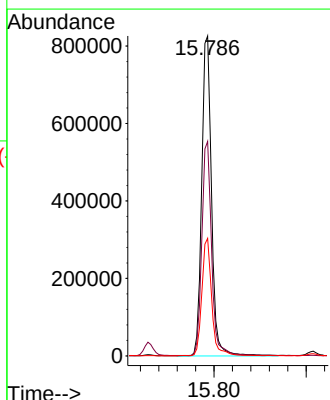
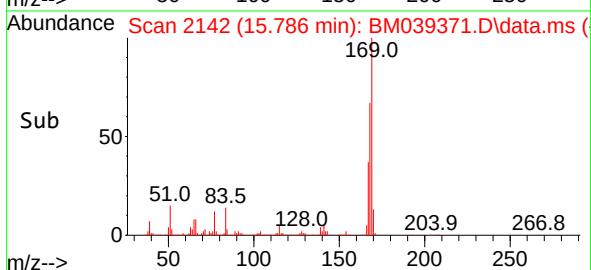
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

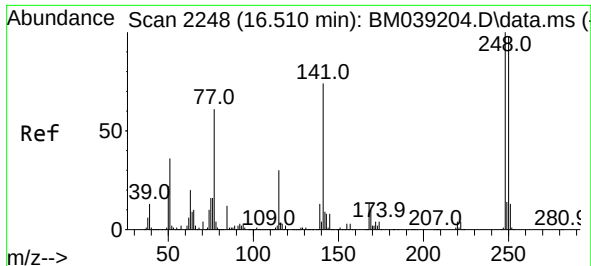


#66
n-Nitrosodiphenylamine
Concen: 42.502 ng
RT: 15.786 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



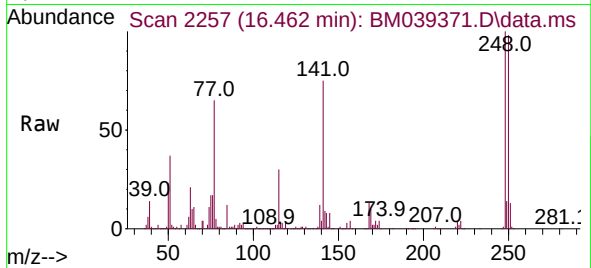
Tgt Ion:169 Resp: 1213760
Ion Ratio Lower Upper
169 100
168 67.0 52.8 79.2
167 36.7 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 42.154 ng
RT: 16.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

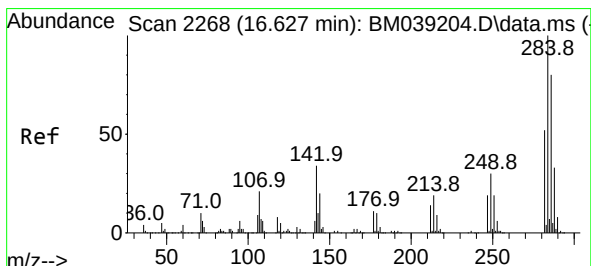
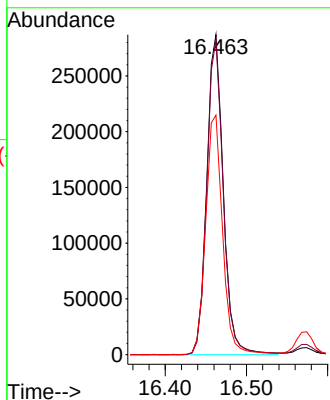
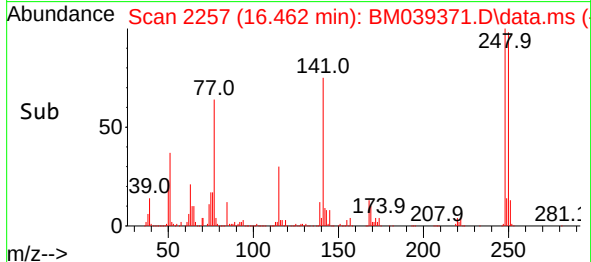
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



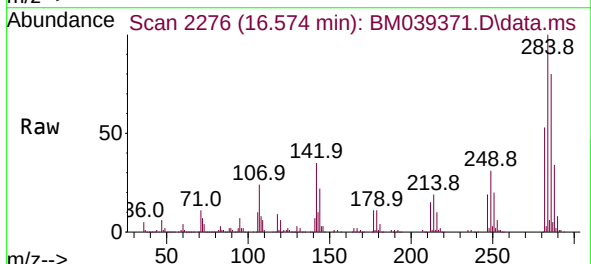
Tgt Ion:248 Resp: 407974
Ion Ratio Lower Upper
248 100
250 98.3 78.8 118.2
141 74.8 58.8 88.2

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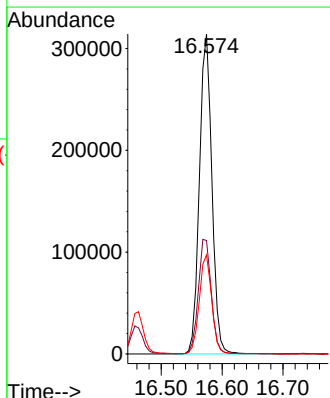
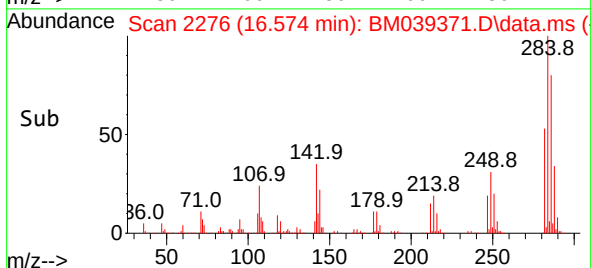
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

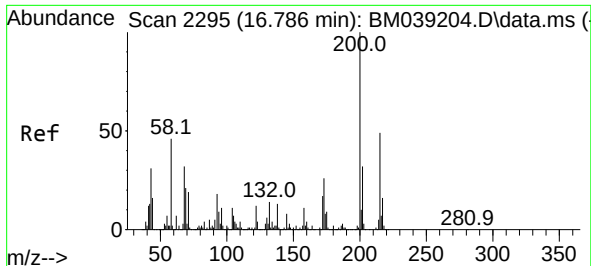


#68
Hexachlorobenzene
Concen: 42.582 ng
RT: 16.574 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53



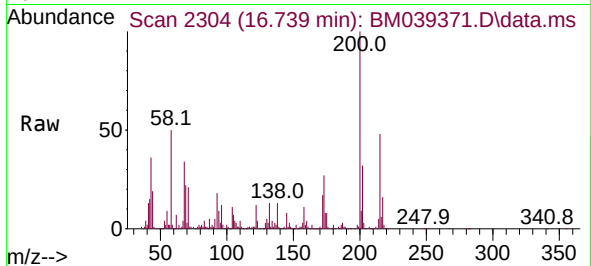
Tgt Ion:284 Resp: 446855
Ion Ratio Lower Upper
284 100
142 35.4 27.4 41.2
249 30.9 24.4 36.6





#69
 Atrazine
 Concen: 41.645 ng
 RT: 16.739 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: BM039371.D
 Acq: 10 Apr 2023 10:53

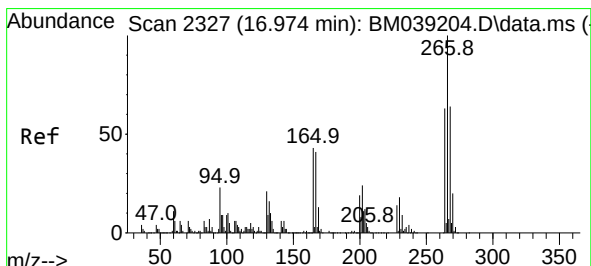
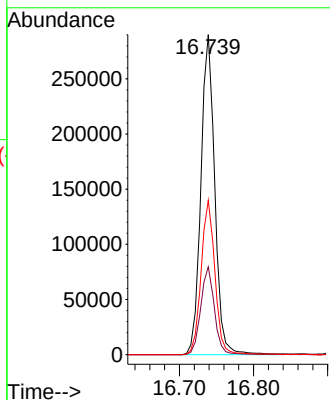
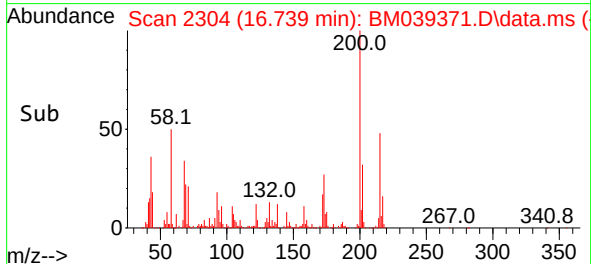
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



Tgt Ion:200 Resp: 376675
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.4 46.4
 215 48.2 28.9 68.9

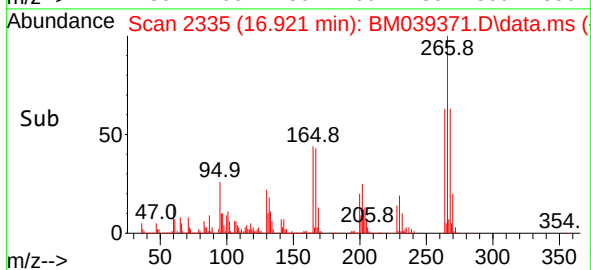
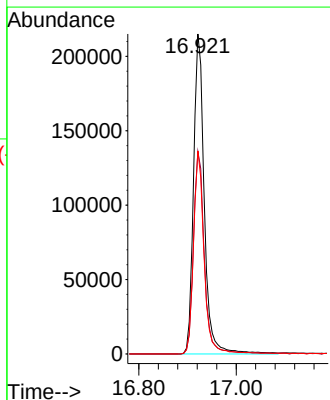
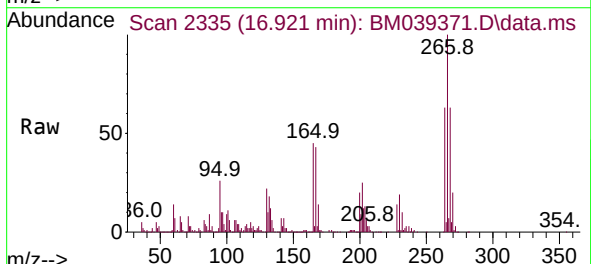
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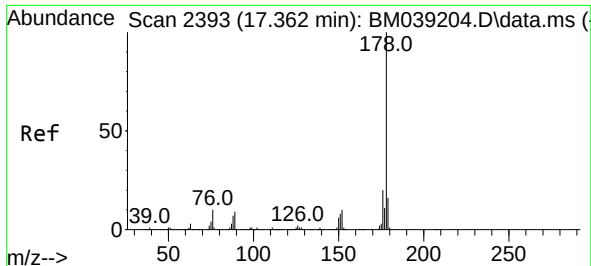
Reviewed By :Christian Giraldo 04/11/2023
 Supervised By :Jagrut Upadhyay 04/11/2023



#70
 Pentachlorophenol
 Concen: 43.669 ng
 RT: 16.921 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: BM039371.D
 Acq: 10 Apr 2023 10:53

Tgt Ion:266 Resp: 328781
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.4 77.2
 264 63.4 50.2 75.4





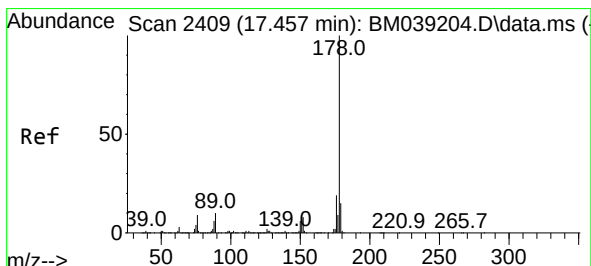
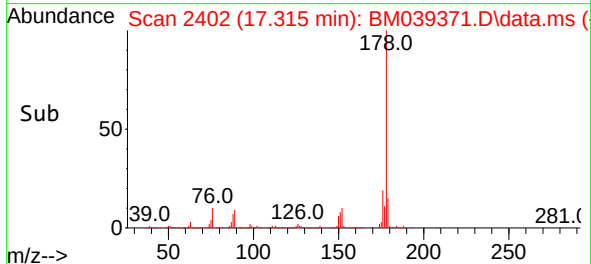
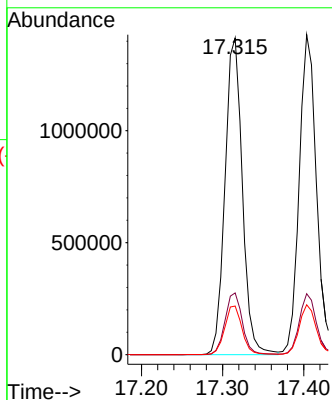
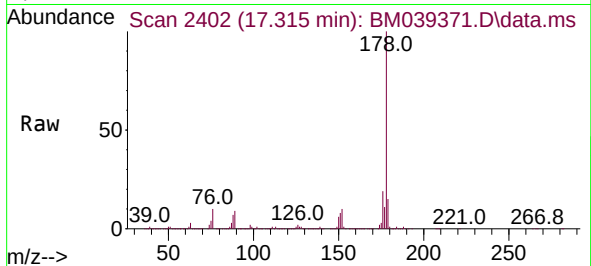
#71
Phenanthrene
Concen: 42.285 ng
RT: 17.315 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2098778
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.4 18.6

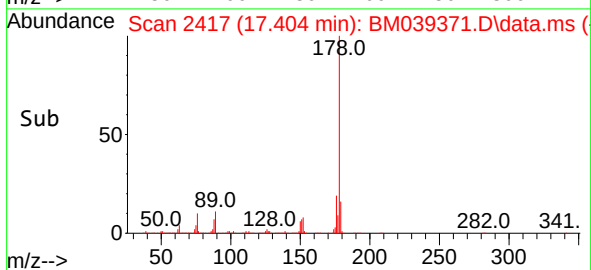
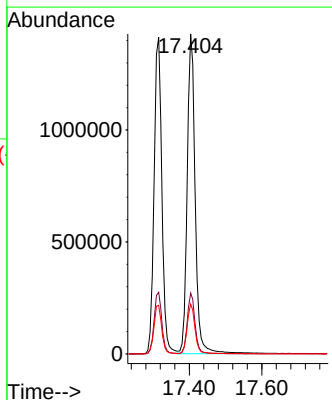
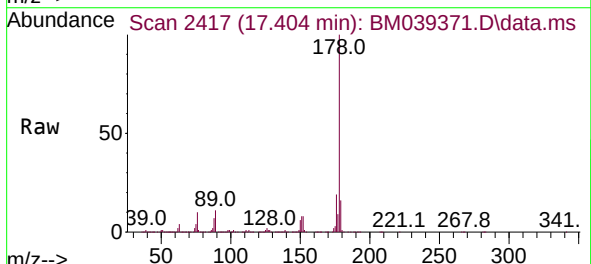
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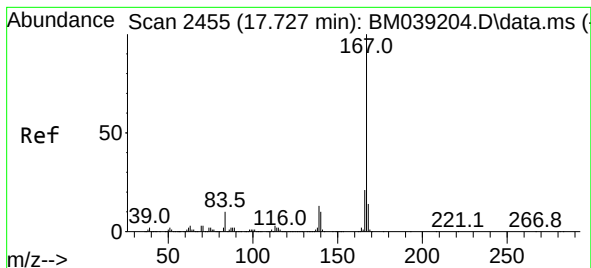
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#72
Anthracene
Concen: 43.192 ng
RT: 17.404 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion:178 Resp: 2185958
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.6 12.2 18.2





#73

Carbazole

Concen: 40.722 ng

RT: 17.680 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1925801

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

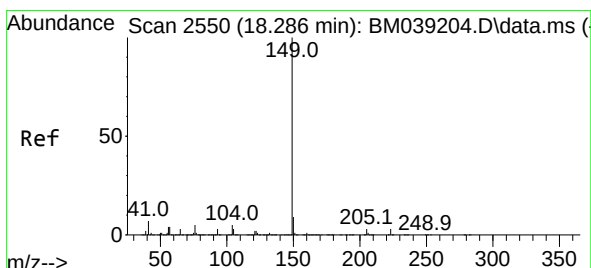
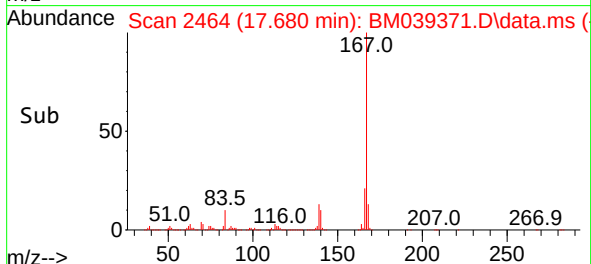
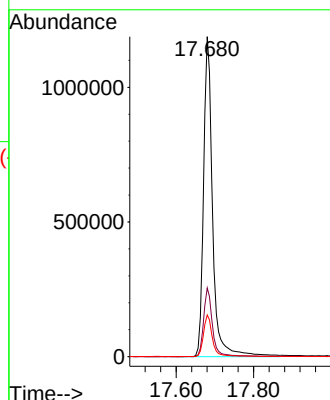
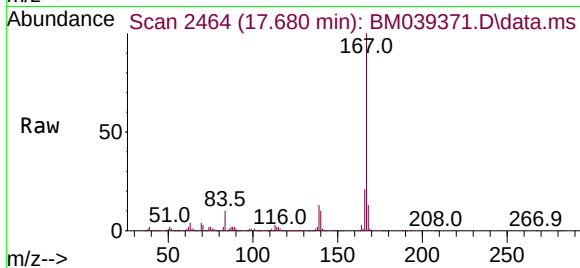
139 13.0 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#74

Di-n-butylphthalate

Concen: 43.893 ng

RT: 18.239 min Scan# 2559

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

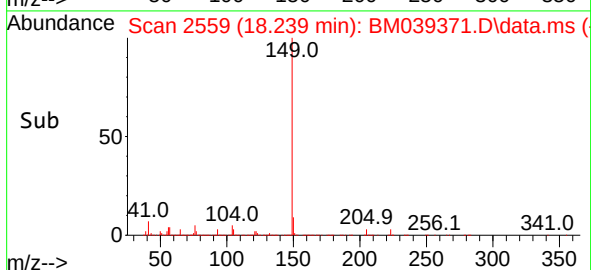
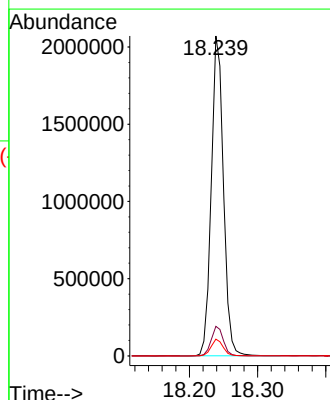
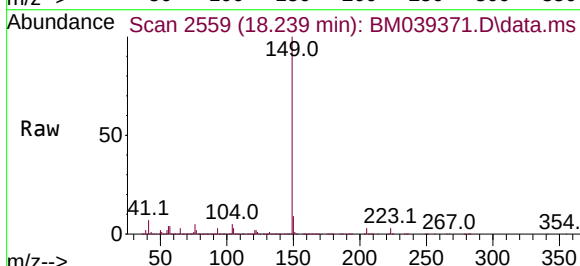
Tgt Ion:149 Resp: 2567727

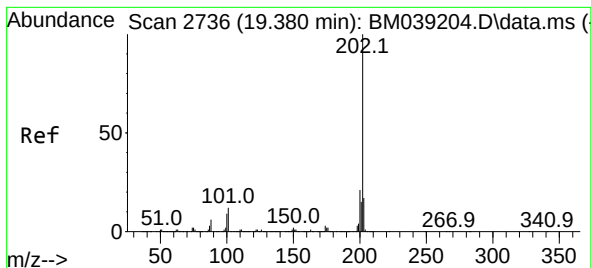
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

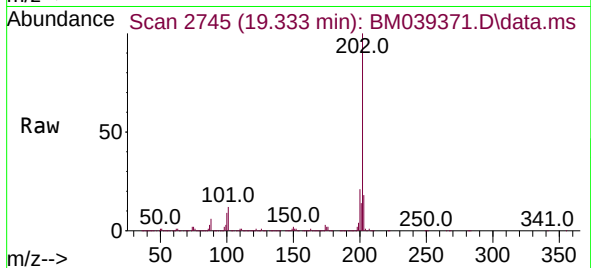
104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 42.825 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

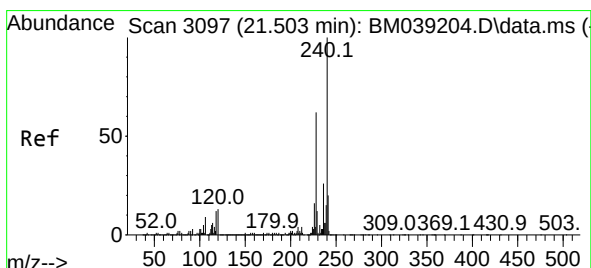
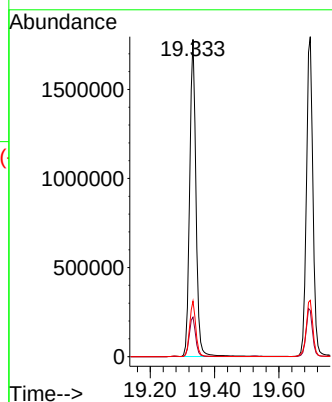
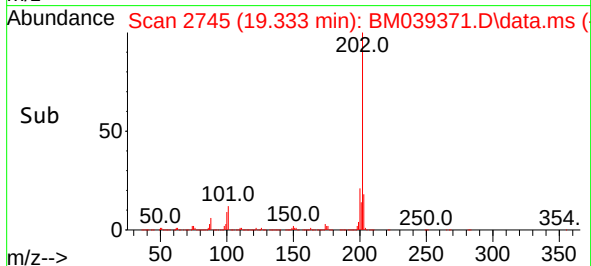
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 2423014
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.5
203 17.5 0.0 37.5

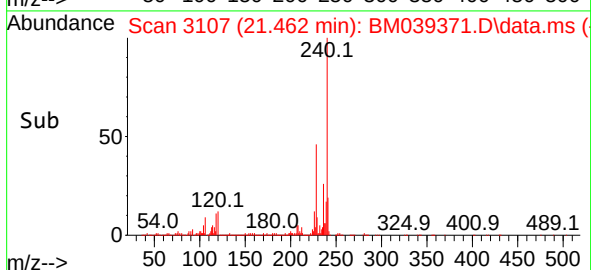
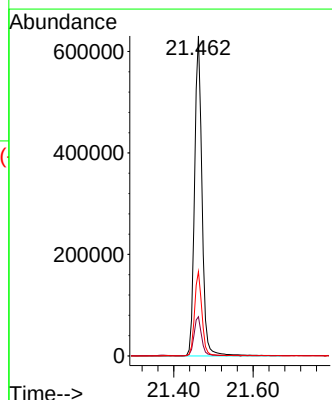
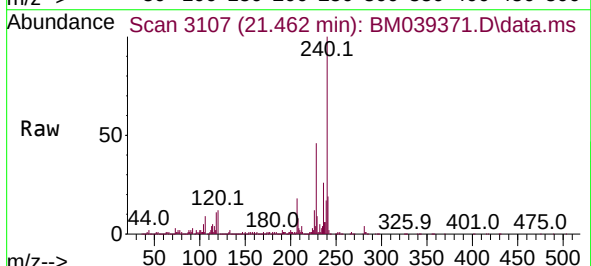
Manual Integrations
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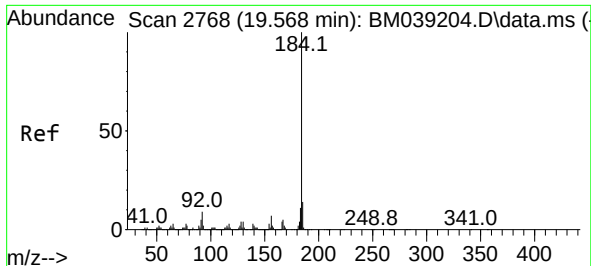
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion:240 Resp: 820527
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.2
236 26.3 20.9 31.3





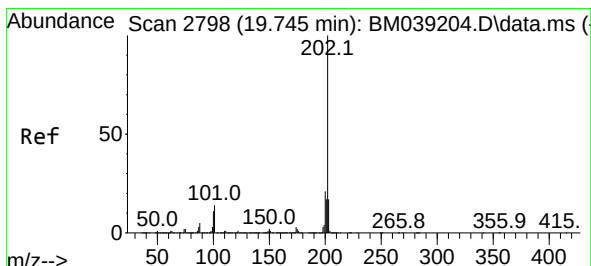
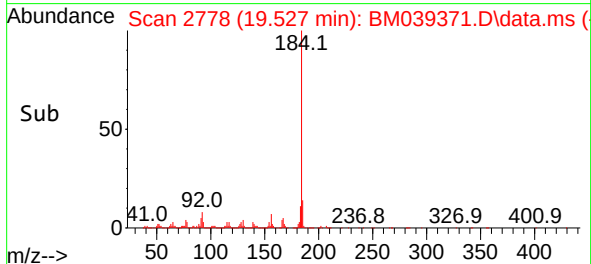
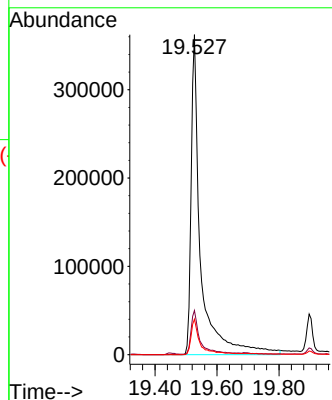
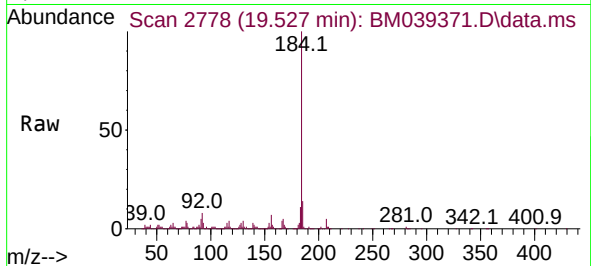
#77
Benzidine
Concen: 35.982 ng
RT: 19.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 778746
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.1 9.0 13.4

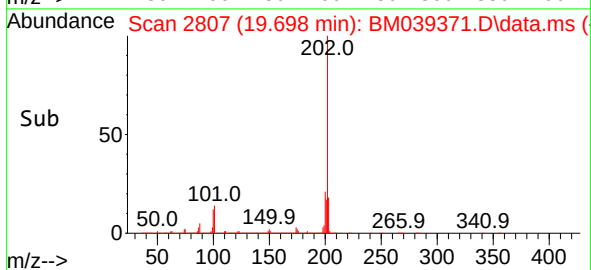
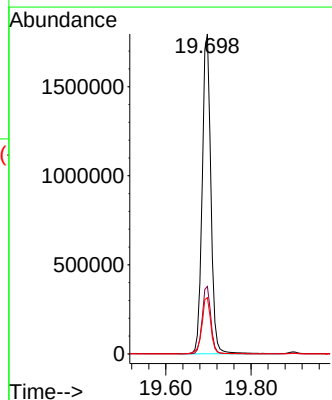
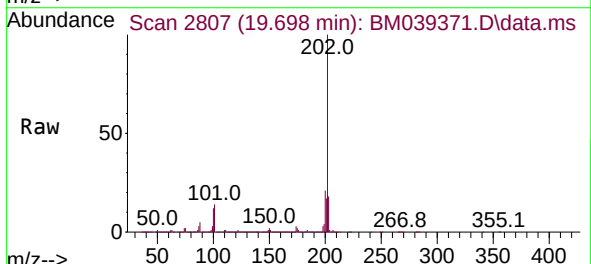
Manual Integrations
APPROVED

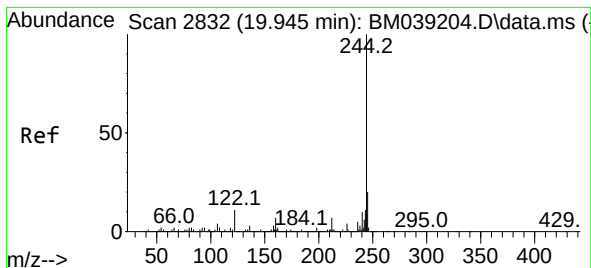
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#78
Pyrene
Concen: 43.272 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion:202 Resp: 2527639
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 87.909 ng

RT: 19.898 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BM039371.D

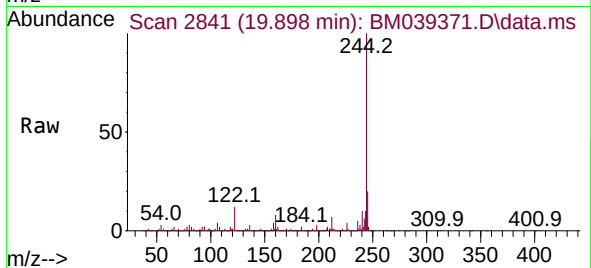
Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 3904166

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

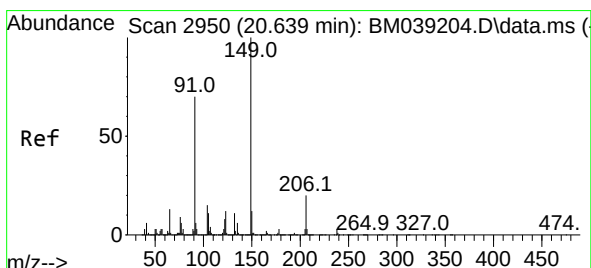
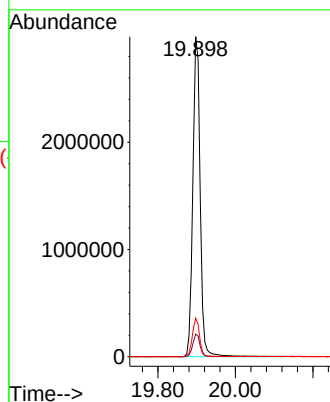
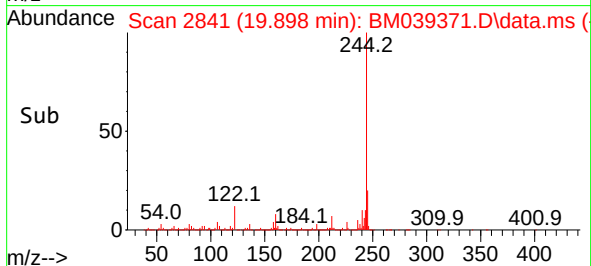
122 12.0 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#80

Butylbenzylphthalate

Concen: 42.898 ng

RT: 20.598 min Scan# 2960

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

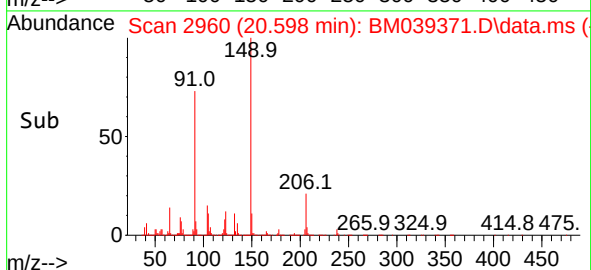
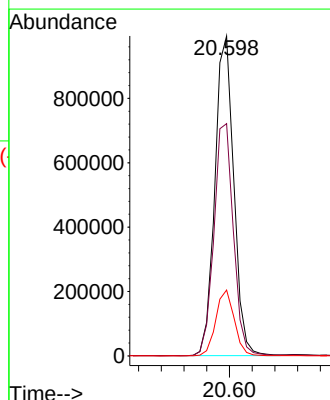
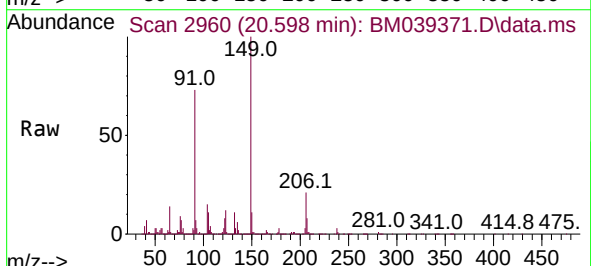
Tgt Ion:149 Resp: 1147981

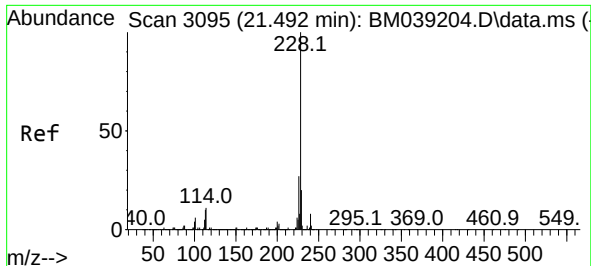
Ion Ratio Lower Upper

149 100

91 72.6 56.3 84.5

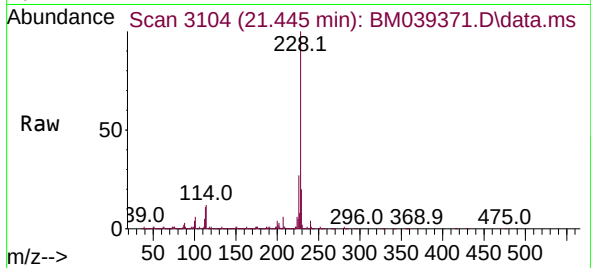
206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 41.564 ng
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

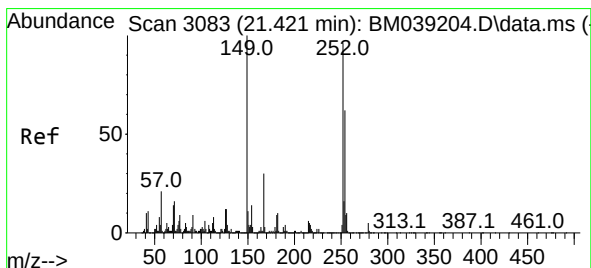
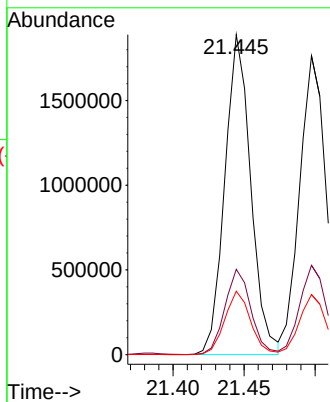
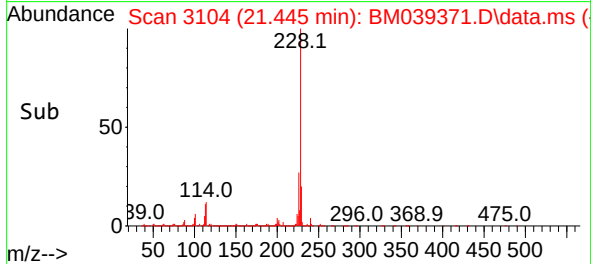
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 2405256
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.8 15.8 23.6

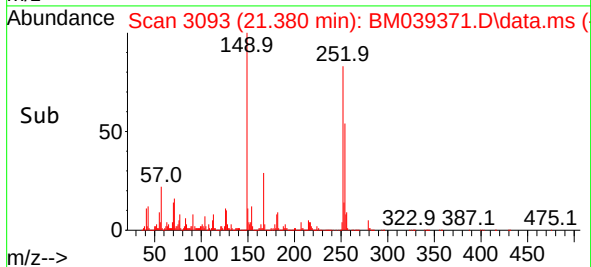
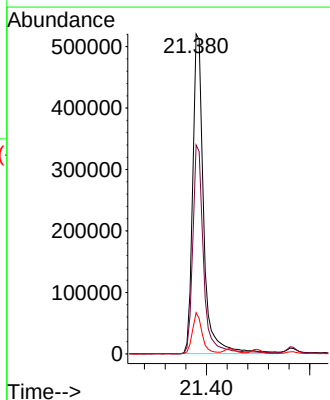
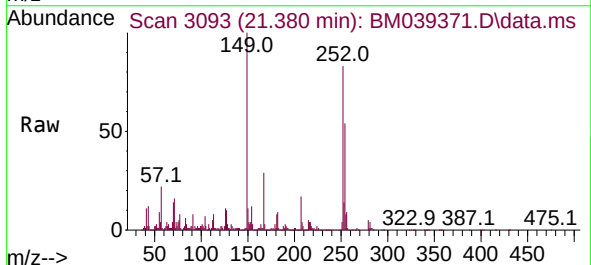
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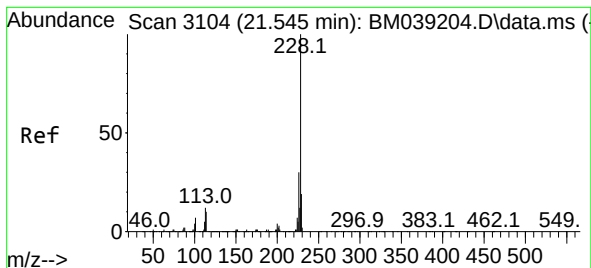
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.854 ng
RT: 21.380 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion:252 Resp: 768283
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.8
126 12.9 10.1 15.1





#83

Chrysene

Concen: 42.983 ng

RT: 21.497 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 2401208

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

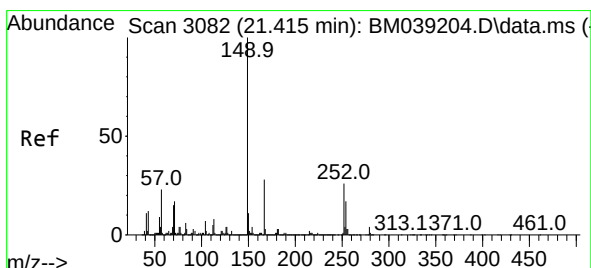
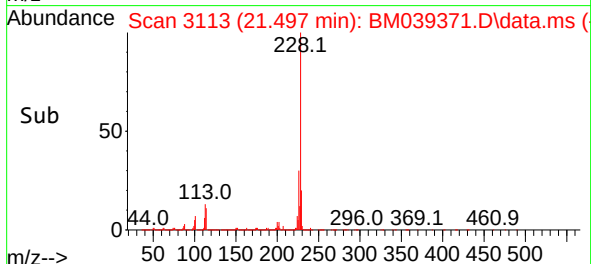
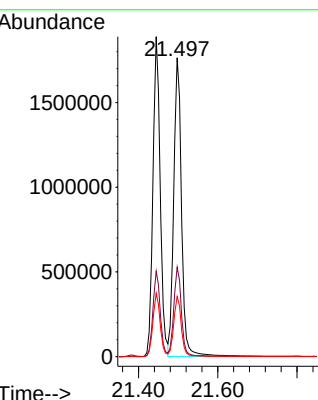
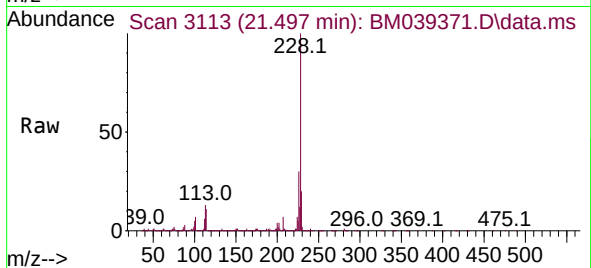
229 20.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.726 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

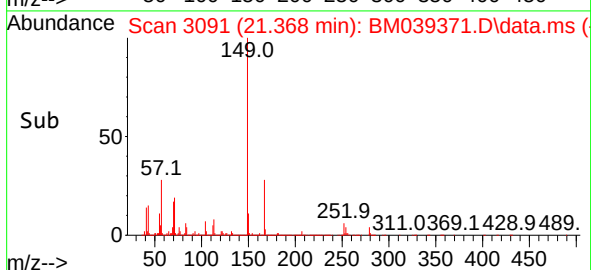
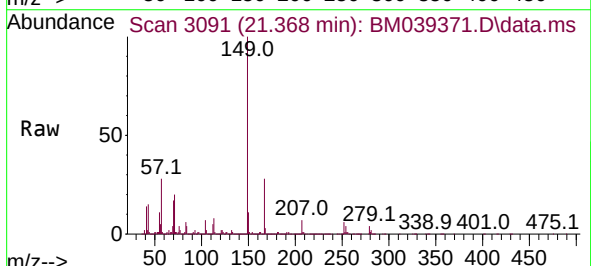
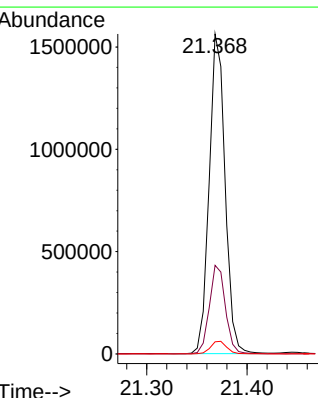
Tgt Ion:149 Resp: 1728173

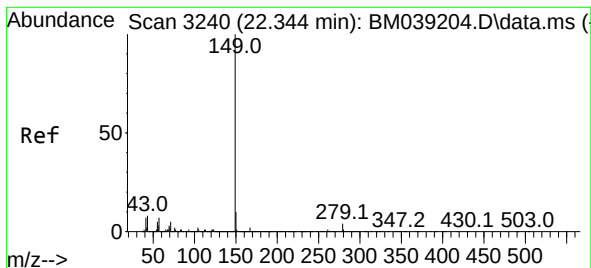
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

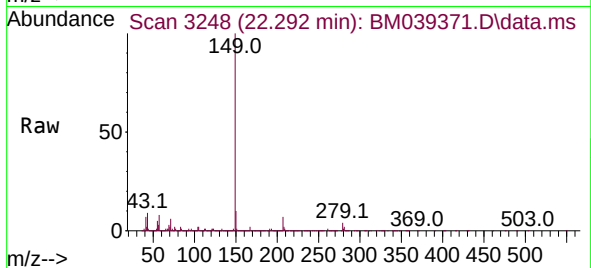
279 3.8 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 41.817 ng
RT: 22.292 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

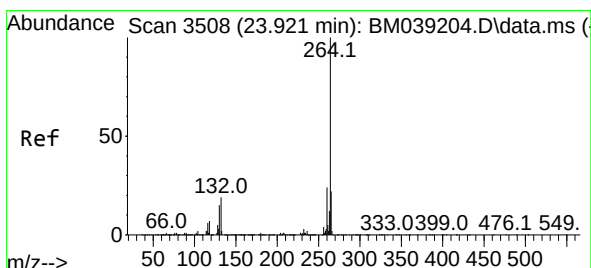
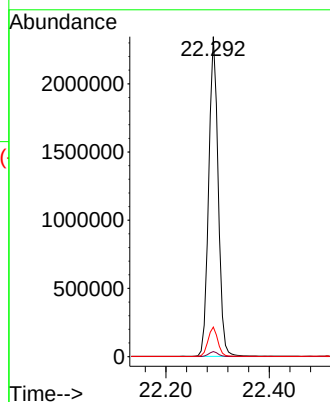
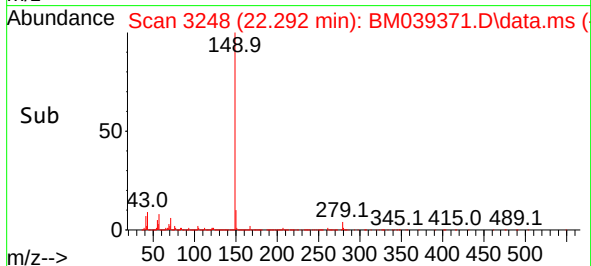
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 2977658
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 6.9 10.3

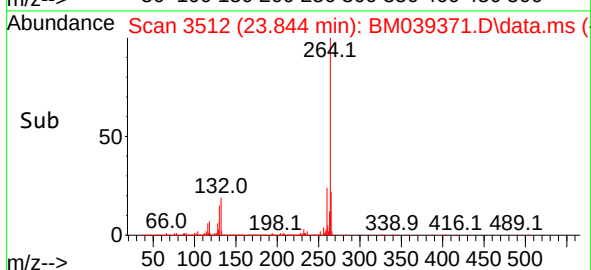
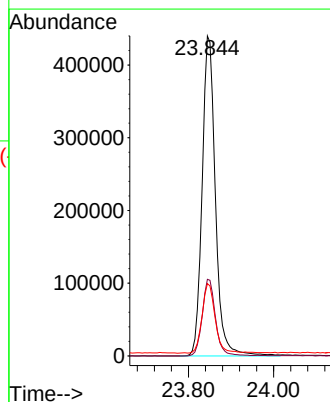
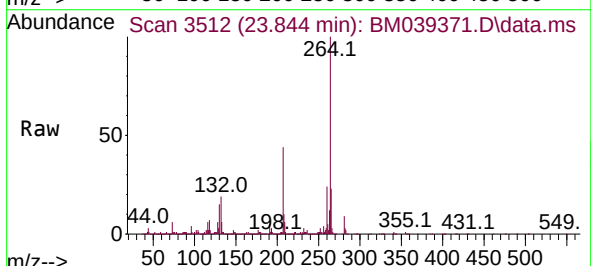
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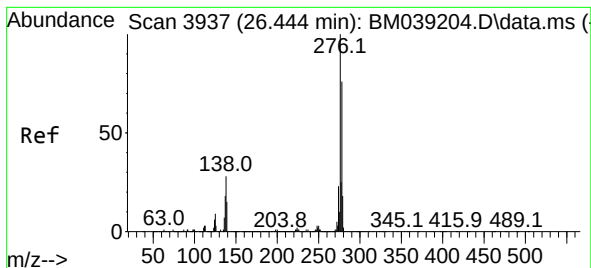
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3512
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion:264 Resp: 951395
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.396 ng

RT: 26.327 min Scan# 3934

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 311210

Ion Ratio Lower Upper

276 100

138 27.6 22.2 33.2

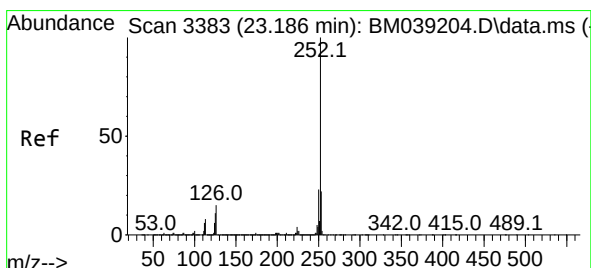
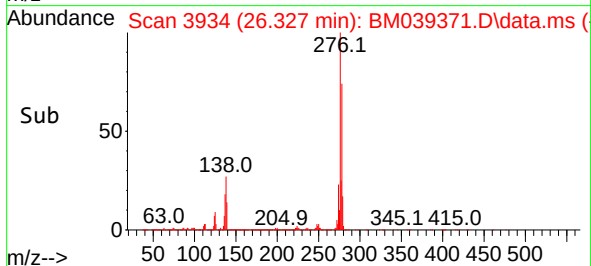
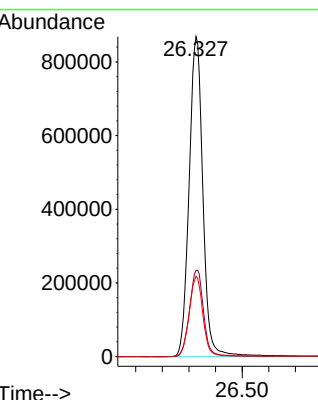
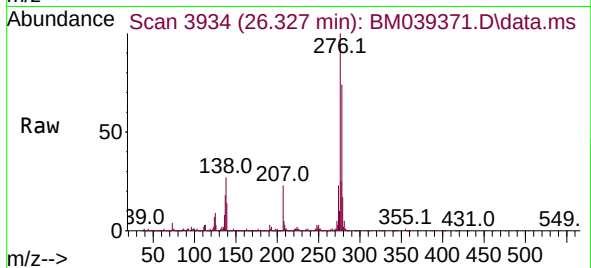
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#88

Benzo(b)fluoranthene

Concen: 40.272 ng

RT: 23.121 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

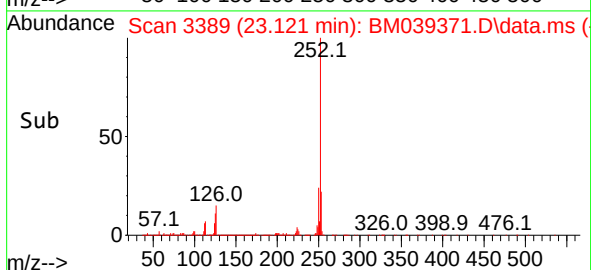
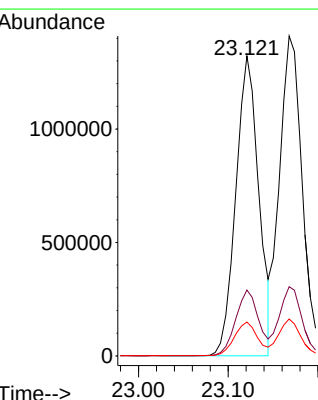
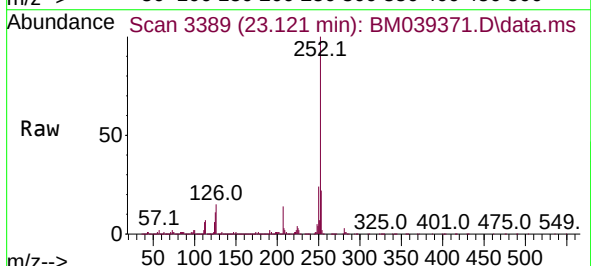
Tgt Ion:252 Resp: 2344363

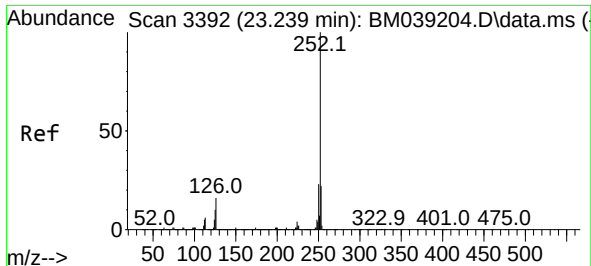
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.3 9.0 13.6





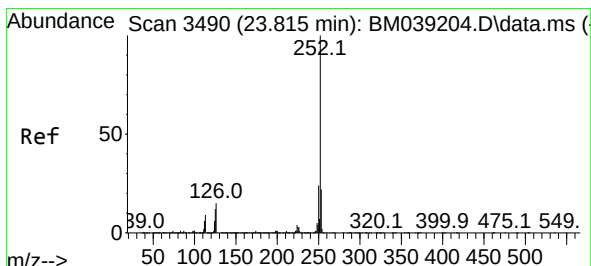
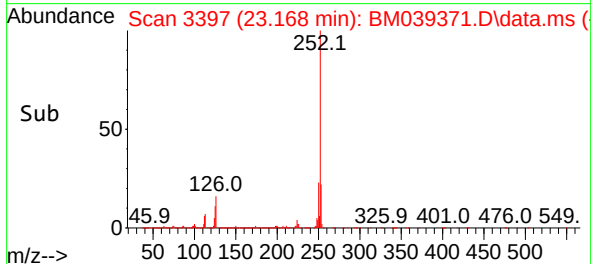
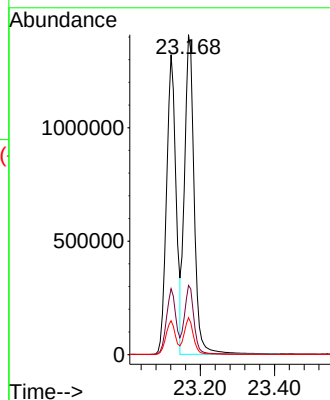
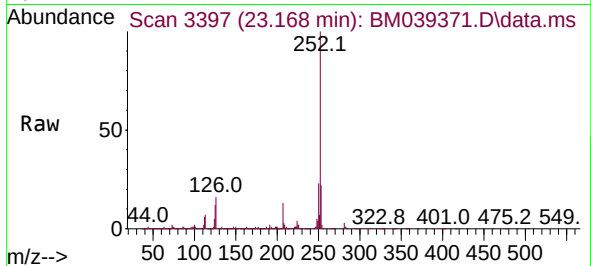
#89
Benzo(k)fluoranthene
Concen: 43.118 ng
RT: 23.168 min Scan# 3392
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 255678
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 11.5 8.5 12.7

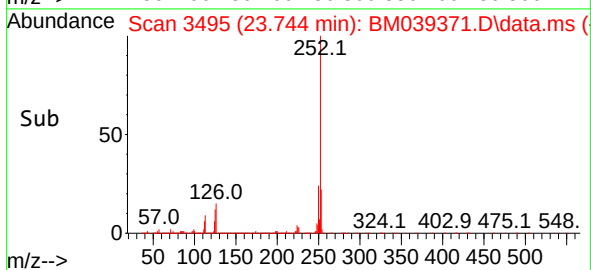
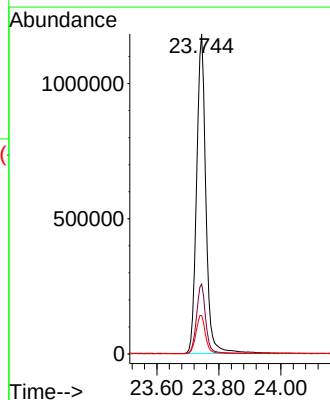
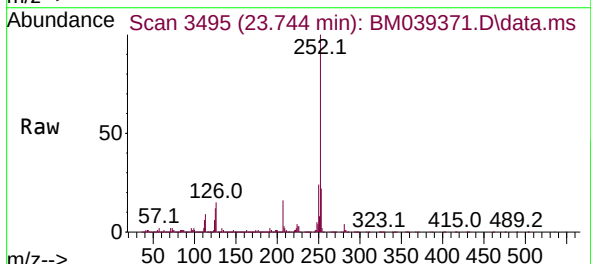
Manual Integrations
APPROVED

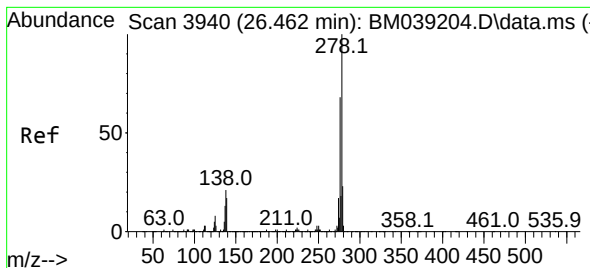
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#90
Benzo(a)pyrene
Concen: 42.893 ng
RT: 23.744 min Scan# 3495
Delta R.T. 0.000 min
Lab File: BM039371.D
Acq: 10 Apr 2023 10:53

Tgt Ion:252 Resp: 2452929
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.0 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 44.095 ng

RT: 26.344 min Scan# 39

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 259545

Ion Ratio Lower Upper

278 100

139 17.1 13.9 20.9

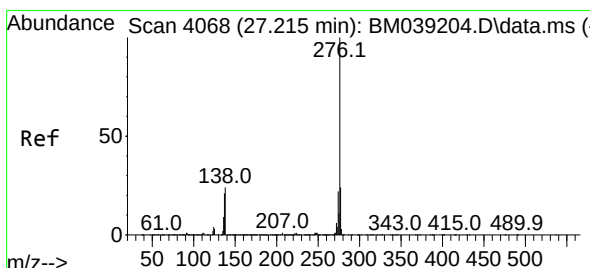
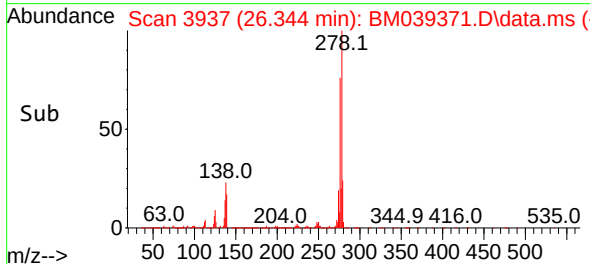
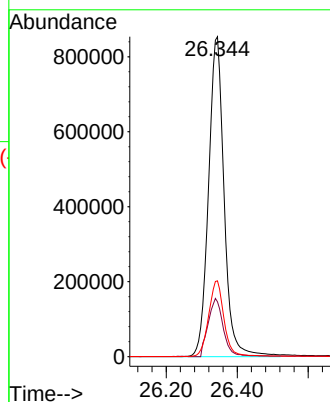
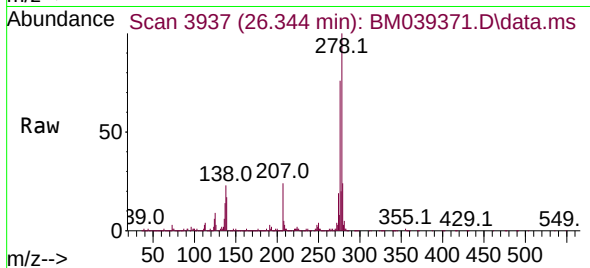
279 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#92

Benzo(g,h,i)perylene

Concen: 44.226 ng

RT: 27.085 min Scan# 4063

Delta R.T. 0.000 min

Lab File: BM039371.D

Acq: 10 Apr 2023 10:53

Tgt Ion:276 Resp: 2560028

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 23.8 19.5 29.3

