

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
 Data File : BM039972.D
 Acq On : 23 May 2023 14:13
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : mohammad ahmed 05/24/2023

Quant Time: May 24 00:31:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 00:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	401258	20.000	ng	0.00
21) Naphthalene-d8	10.839	136	1537353	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	821311	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	1506713	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1420127	20.000	ng	0.00
86) Perylene-d12	24.027	264	1315116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	3775673	144.337	ng	0.00
7) Phenol-d6	7.181	99	4913982	144.006	ng	0.01
23) Nitrobenzene-d5	9.192	82	4562390	160.137	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	13.292	172	11251976	161.590	ng	0.00
79) Terphenyl-d14	20.009	244	12837029	140.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	703956	66.636	ng	98
3) Pyridine	3.828	79	2117587m	73.048	ng	
4) n-Nitrosodimethylamine	3.740	42	835429	67.800	ng	97
6) Aniline	7.345	93	3139610	74.358	ng	99
8) 2-Chlorophenol	7.581	128	2140958	77.753	ng	96
10) Phenol	7.204	94	2494339	72.924	ng	99
11) bis(2-Chloroethyl)ether	7.445	93	2052059	72.838	ng	99
12) 1,3-Dichlorobenzene	7.910	146	2196529	75.330	ng	98
13) 1,4-Dichlorobenzene	8.057	146	2252858	75.937	ng	99
14) 1,2-Dichlorobenzene	8.381	146	2202992	75.728	ng	98
15) Benzyl Alcohol	8.263	79	1710905	77.782	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.557	45	2510047	69.454	ng	99
17) 2-Methylphenol	8.463	107	1839984	75.188	ng	99
18) Hexachloroethane	9.110	117	814874	75.763	ng	96
19) n-Nitroso-di-n-propyla...	8.845	70	1495238	75.654	ng	97
20) 3+4-Methylphenols	8.798	107	2475318	76.653	ng	99
22) Acetophenone	8.851	105	3142655	75.736	ng	# 98
24) Nitrobenzene	9.233	77	2250349	77.868	ng	97
25) Isophorone	9.763	82	4168562	80.231	ng	97
27) 2,4-Dimethylphenol	10.004	122	1915296	82.230	ng	99
28) bis(2-Chloroethoxy)met...	10.245	93	2643913	77.616	ng	99
29) 2,4-Dichlorophenol	10.480	162	1908934	86.504	ng	96
30) 1,2,4-Trichlorobenzene	10.698	180	2024138	83.783	ng	99
31) Naphthalene	10.892	128	6610934	77.937	ng	99
32) Benzoic acid	10.175	122	1376718	81.253	ng	94
33) 4-Chloroaniline	10.998	127	2903250	81.224	ng	98
34) Hexachlorobutadiene	11.175	225	1151780	84.938	ng	100
35) Caprolactam	11.804	113	555393	89.127	ng	85
36) 4-Chloro-3-methylphenol	12.116	107	1882594	82.536	ng	96
37) 2-Methylnaphthalene	12.492	142	4577599	80.963	ng	98
38) 1-Methylnaphthalene	12.710	142	4343090	82.061	ng	98
40) 1,2,4,5-Tetrachloroben...	12.857	216	2252412	86.708	ng	98
41) Hexachlorocyclopentadiene	12.839	237	1316739	97.985	ng	99
43) 2,4,6-Trichlorophenol	13.092	196	1429730	90.678	ng	98
44) 2,4,5-Trichlorophenol	13.163	196	1677957	89.411	ng	95
46) 1,1'-Biphenyl	13.498	154	5706476	81.154	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.539	162	4305666	82.032	ng	97
48) 2-Nitroaniline	13.739	65	1147230	79.034	ng	94
49) Acenaphthylene	14.380	152	6825321	83.065	ng	99
50) Dimethylphthalate	14.121	163	5215175	84.233	ng	99
51) 2,6-Dinitrotoluene	14.233	165	1083705	91.497	ng	92
52) Acenaphthene	14.721	154	4506204m	83.935	ng	
53) 3-Nitroaniline	14.563	138	1283896	91.633	ng	95
54) 2,4-Dinitrophenol	14.763	184	544749	82.379	ng	94
55) Dibenzofuran	15.057	168	6471193	81.649	ng	97
56) 4-Nitrophenol	14.857	139	1000742	92.333	ng	94
57) 2,4-Dinitrotoluene	15.015	165	1434074	81.274	ng	91
58) Fluorene	15.704	166	5478149	83.148	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.274	232	1268863	90.917	ng	94
60) Diethylphthalate	15.480	149	5238321	85.597	ng	98
61) 4-Chlorophenyl-phenyle...	15.698	204	2844588	88.248	ng	# 89
62) 4-Nitroaniline	15.727	138	1319610	90.434	ng	96
63) Azobenzene	15.992	77	4690417	76.875	ng	94
65) 4,6-Dinitro-2-methylph...	15.780	198	735532	81.940	ng	88
66) n-Nitrosodiphenylamine	15.910	169	4529904	87.425	ng	97
67) 4-Bromophenyl-phenylether	16.592	248	1559919	93.698	ng	# 89
68) Hexachlorobenzene	16.704	284	1735811	91.236	ng	# 92
69) Atrazine	16.857	200	1151332	89.331	ng	98
70) Pentachlorophenol	17.045	266	1197314	95.866	ng	98
71) Phenanthrene	17.445	178	7713570	85.589	ng	99
72) Anthracene	17.533	178	7963092	89.179	ng	100
73) Carbazole	17.804	167	7084285	87.815	ng	99
74) Di-n-butylphthalate	18.368	149	8569254	80.409	ng	99
75) Fluoranthene	19.450	202	8461821	94.205	ng	97
77) Benzidine	19.633	184	1550840	70.323	ng	100
78) Pyrene	19.815	202	8911995	85.522	ng	99
80) Butylbenzylphthalate	20.709	149	3605739	80.502	ng	# 84
81) Benzo(a)anthracene	21.556	228	8758176	87.117	ng	97
82) 3,3'-Dichlorobenzidine	21.492	252	2795281	93.080	ng	# 98
83) Chrysene	21.615	228	8363103	86.700	ng	97
84) Bis(2-ethylhexyl)phtha...	21.486	149	5509075	78.224	ng	# 93
85) Di-n-octyl phthalate	22.433	149	8982659	80.480	ng	97
87) Indeno(1,2,3-cd)pyrene	26.597	276	9986532	95.489	ng	95
88) Benzo(b)fluoranthene	23.280	252	7816360	92.832	ng	97
89) Benzo(k)fluoranthene	23.333	252	8497383m	92.283	ng	
90) Benzo(a)pyrene	23.921	252	7716566	95.564	ng	97
91) Dibenzo(a,h)anthracene	26.615	278	8755651	96.972	ng	96
92) Benzo(g,h,i)perylene	27.385	276	7348585	92.087	ng	96

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

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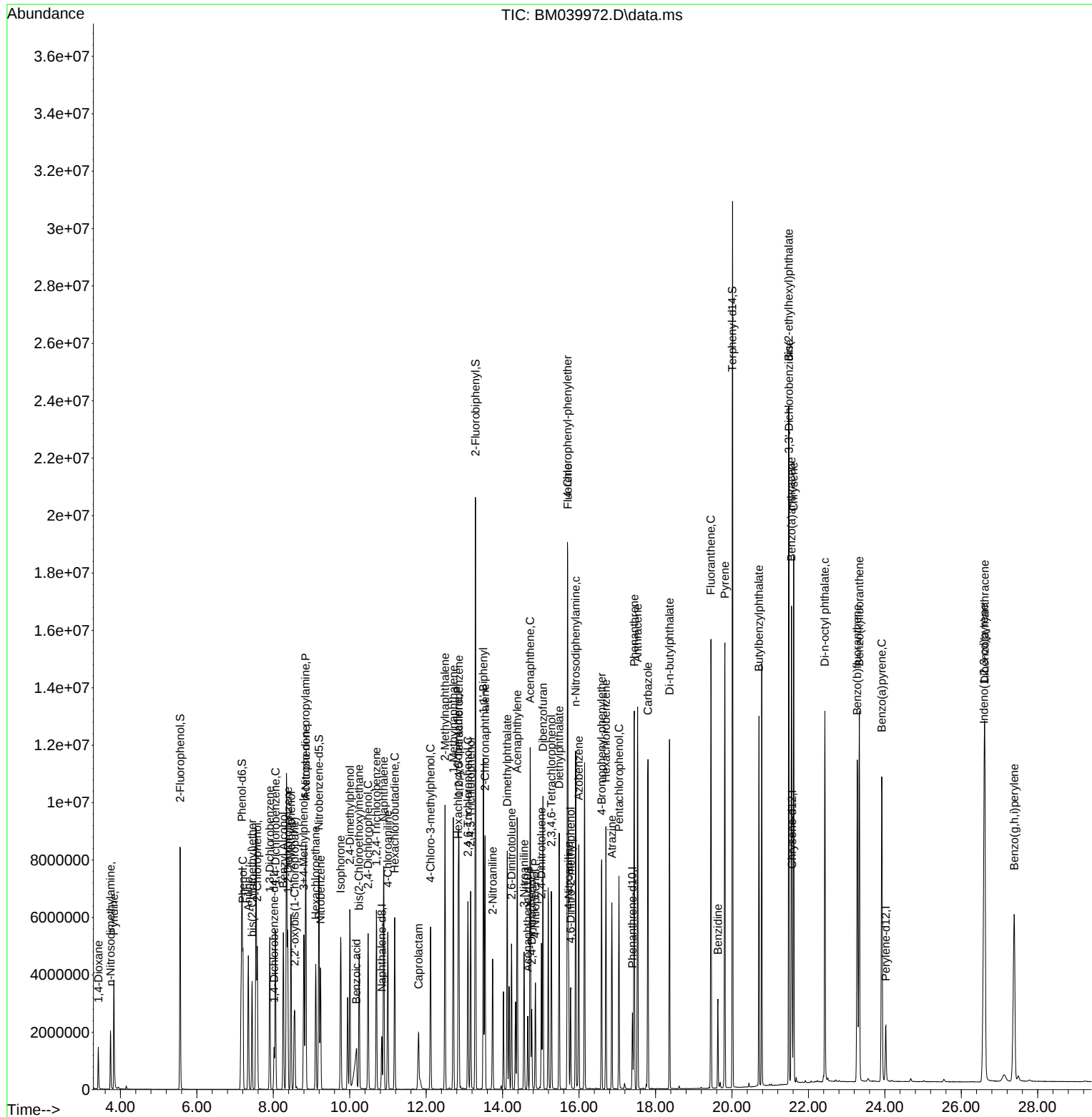
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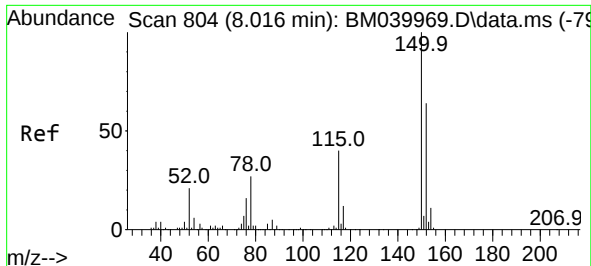
Response via : Initial Calibration

Manual Integrations

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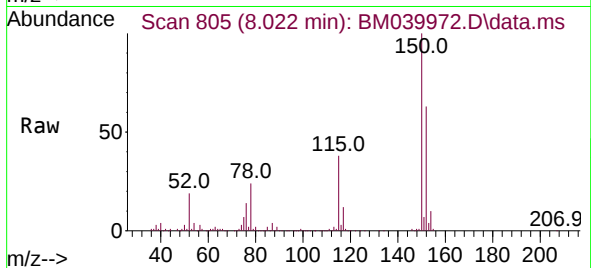
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

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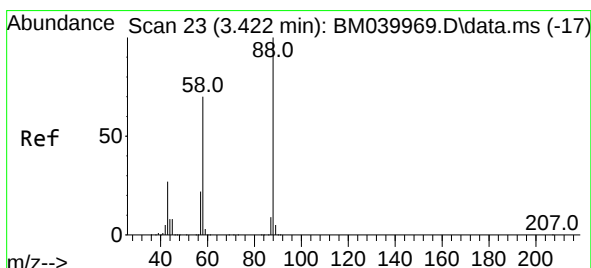
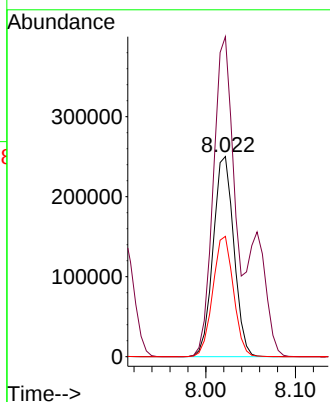
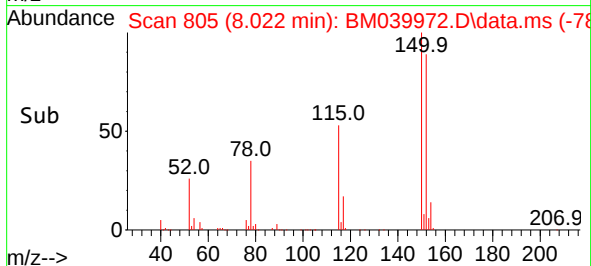


Tgt Ion:152 Resp: 401258
Ion Ratio Lower Upper
152 100
150 159.9 125.5 188.3
115 60.1 50.2 75.2

Manual Integrations

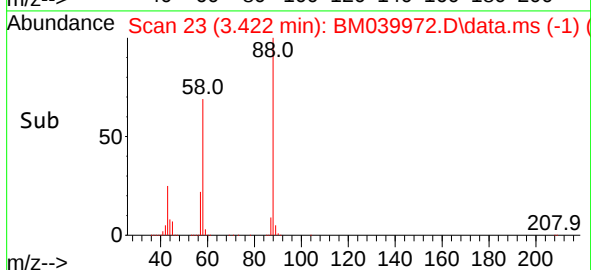
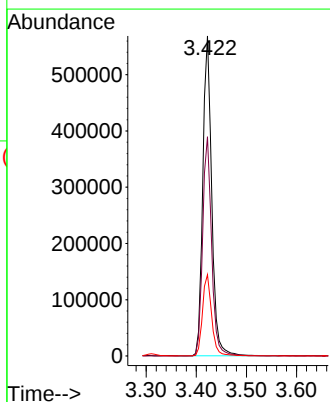
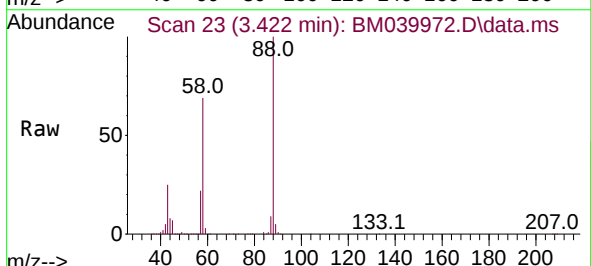
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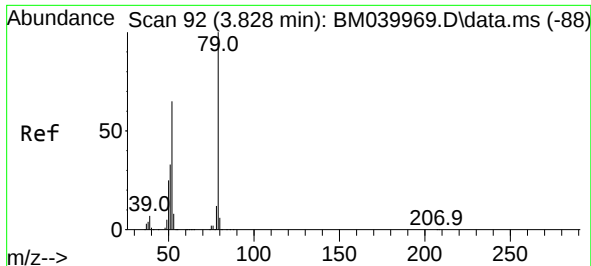
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#2
1,4-Dioxane
Concen: 66.636 ng
RT: 3.422 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

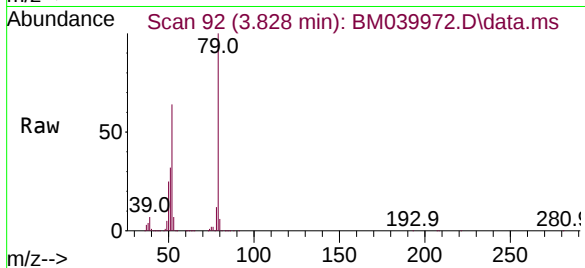
Tgt Ion: 88 Resp: 703956
Ion Ratio Lower Upper
88 100
58 69.1 56.1 84.1
43 25.9 22.0 33.0





#3
Pyridine
Concen: 73.048 ng m
RT: 3.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

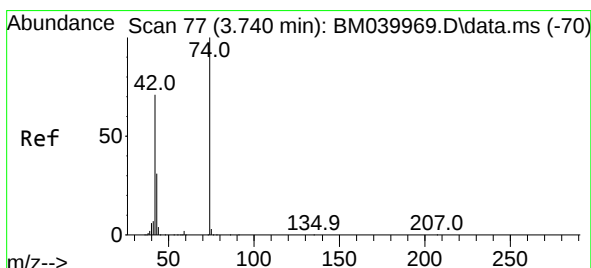
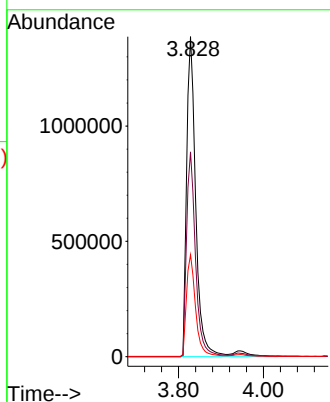
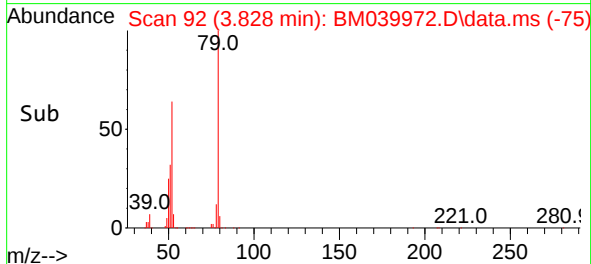
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



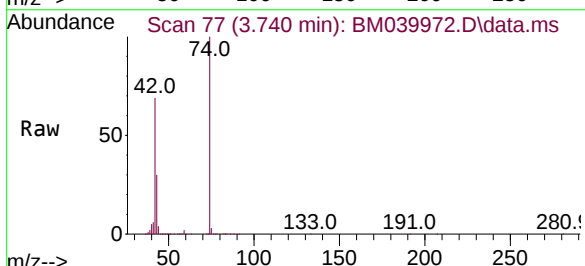
Tgt Ion: 79 Resp: 211758
Ion Ratio Lower Upper
79 100
52 64.0 52.0 78.0
51 31.8 26.5 39.7

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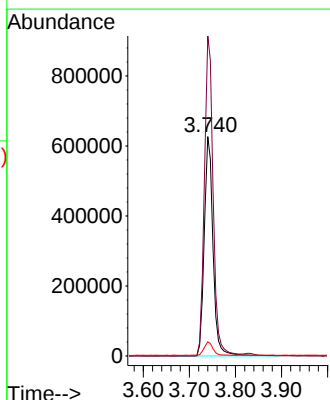
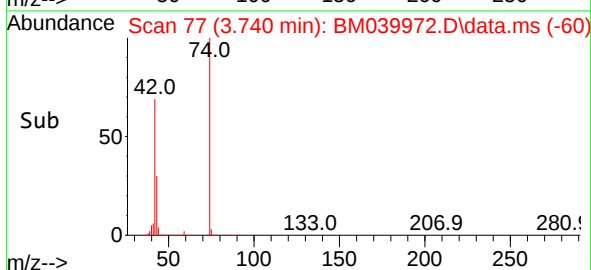
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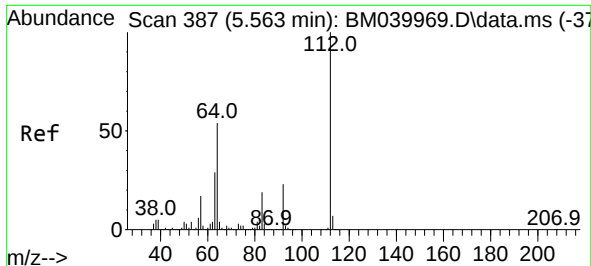


#4
n-Nitrosodimethylamine
Concen: 67.800 ng
RT: 3.740 min Scan# 77
Delta R.T. 0.000 min
Lab File: BM039972.D
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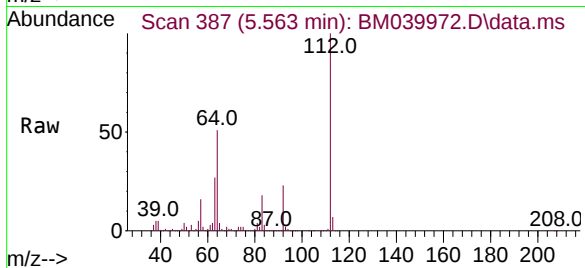
Tgt Ion: 42 Resp: 835429
Ion Ratio Lower Upper
42 100
74 145.9 113.4 170.0
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 144.337 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

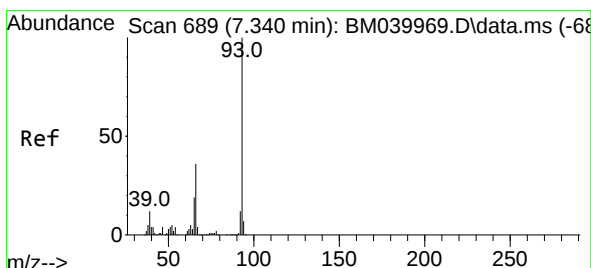
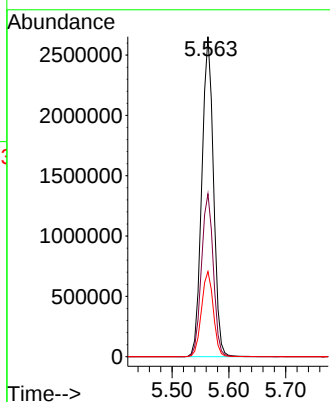
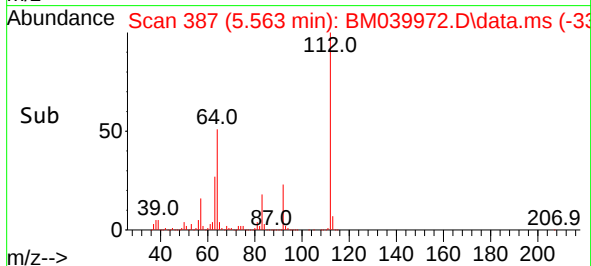
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Tgt Ion: 112 Resp: 377567
Ion Ratio Lower Upper
112 100
64 50.9 43.0 64.4
63 26.6 22.9 34.3

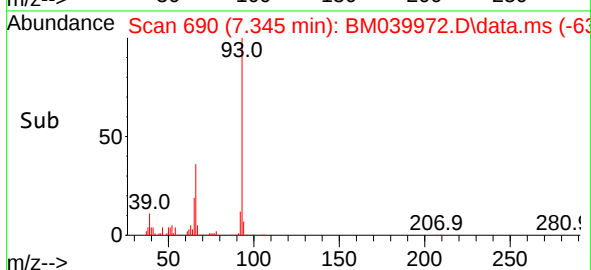
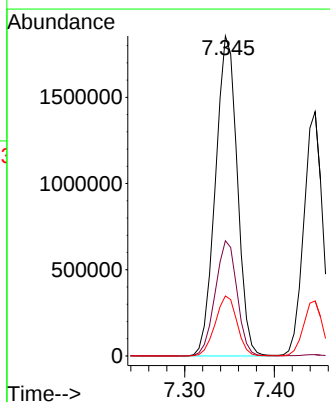
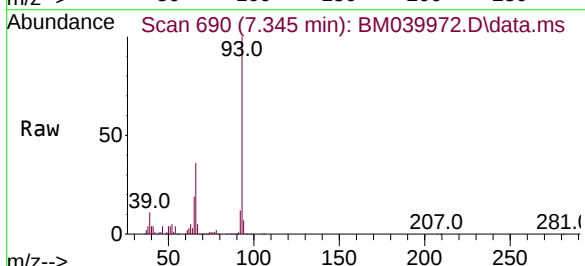
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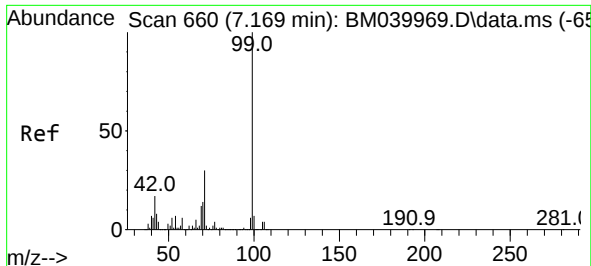
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#6
Aniline
Concen: 74.358 ng
RT: 7.345 min Scan# 690
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Tgt Ion: 93 Resp: 3139610
Ion Ratio Lower Upper
93 100
66 36.0 29.2 43.8
65 18.7 15.3 22.9





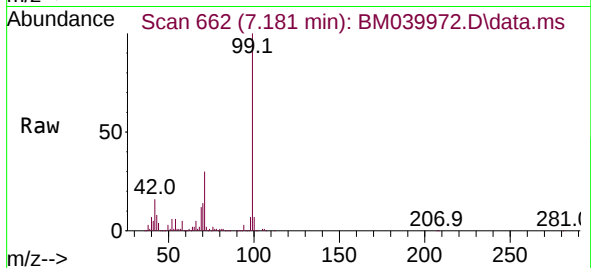
#7
Phenol-d6
Concen: 144.006 ng
RT: 7.181 min Scan# 660
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

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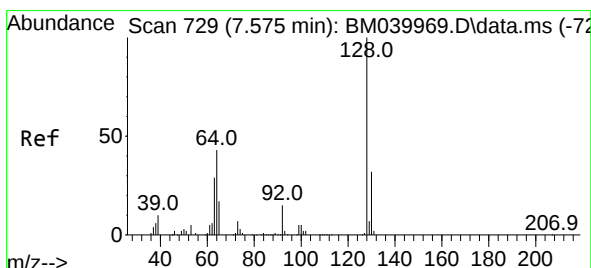
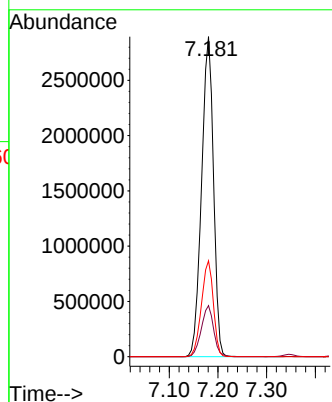
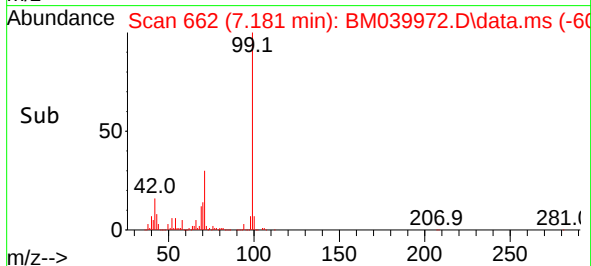
Tgt Ion: 99 Resp: 491398

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.6
71	29.9	24.4	36.6

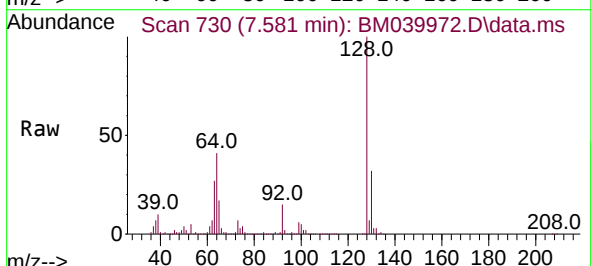
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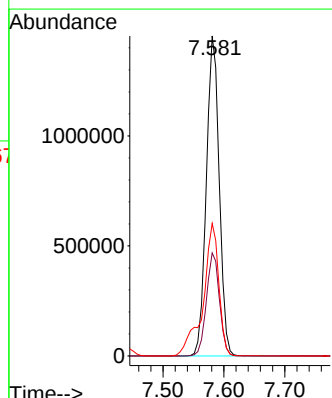
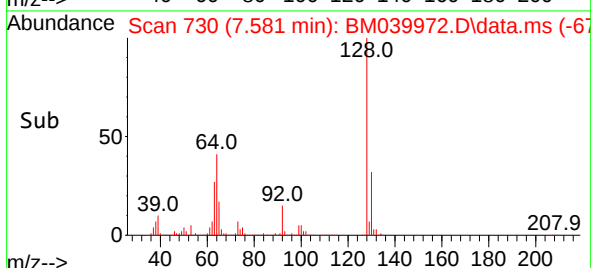


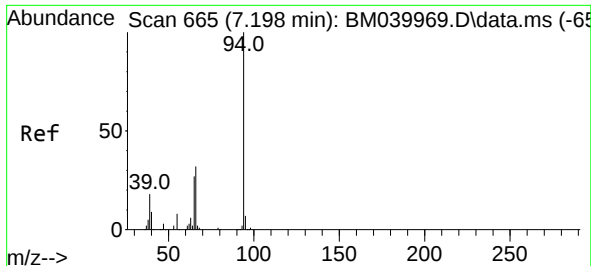
#8
2-Chlorophenol
Concen: 77.753 ng
RT: 7.581 min Scan# 730
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion:128 Resp: 2140958

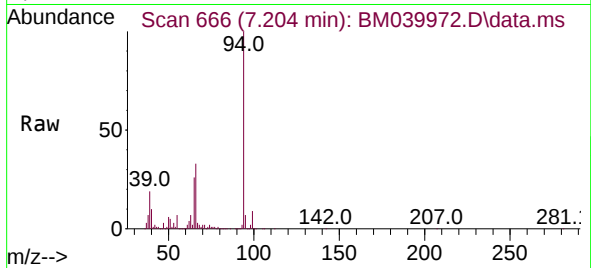
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	41.4	25.5	65.5





#10
Phenol
Concen: 72.924 ng
RT: 7.204 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM039972.D
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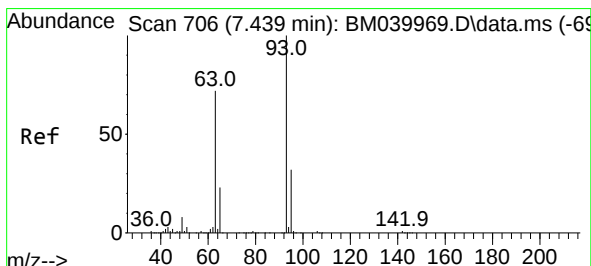
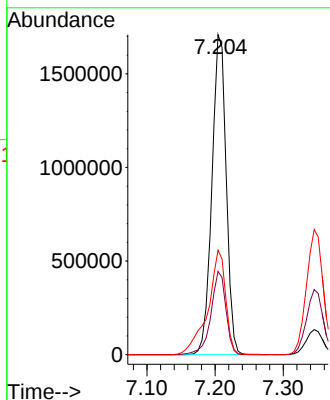
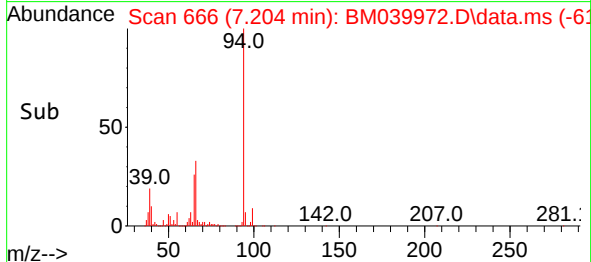
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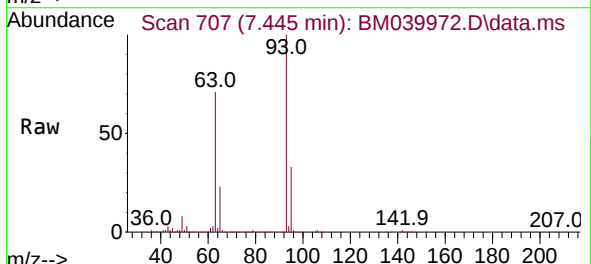
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Ion Ratio Lower Upper
94 100
65 26.0 6.7 46.7
66 32.7 12.4 52.4

Manual Integrations
APPROVED

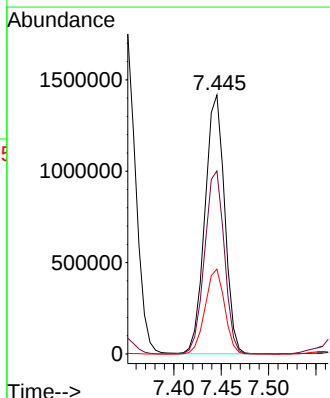
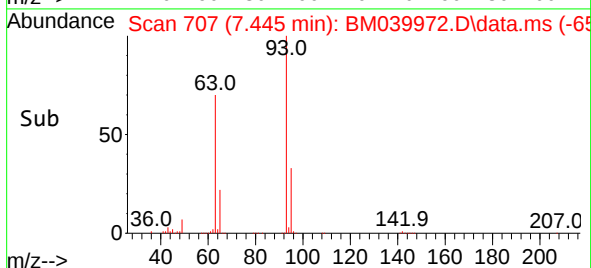
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

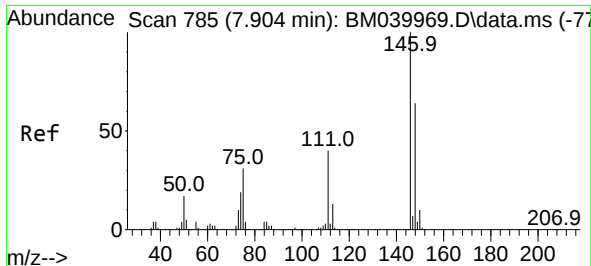


#11
bis(2-Chloroethyl)ether
Concen: 72.838 ng
RT: 7.445 min Scan# 707
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion: 93 Resp: 2052059
Ion Ratio Lower Upper
93 100
63 70.7 52.0 92.0
95 32.8 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 75.330 ng

RT: 7.910 min Scan# 785

Delta R.T. 0.006 min

Lab File: BM039972.D

Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 2196529

Ion Ratio Lower Upper

146 100

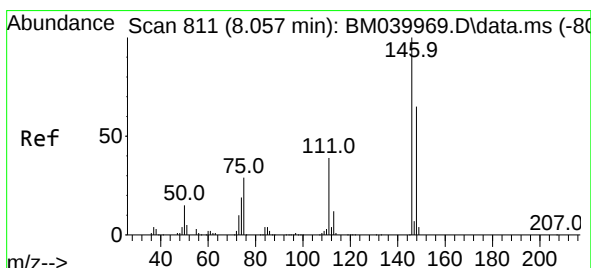
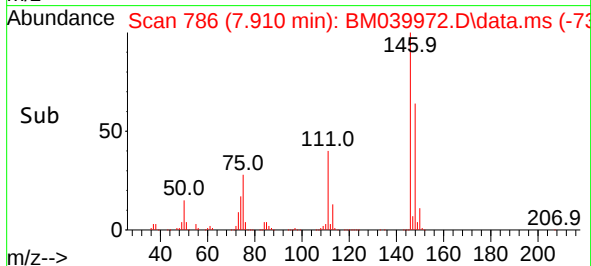
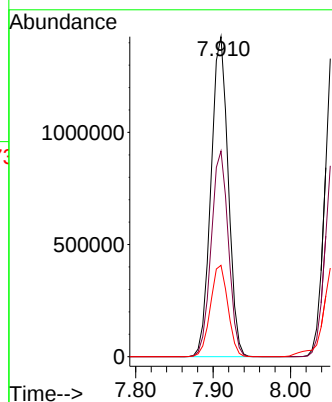
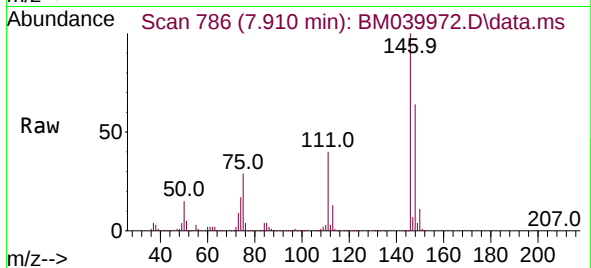
148 64.3 51.4 77.0

75 28.6 24.9 37.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#13

1,4-Dichlorobenzene

Concen: 75.937 ng

RT: 8.057 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM039972.D

Acq: 23 May 2023 14:13

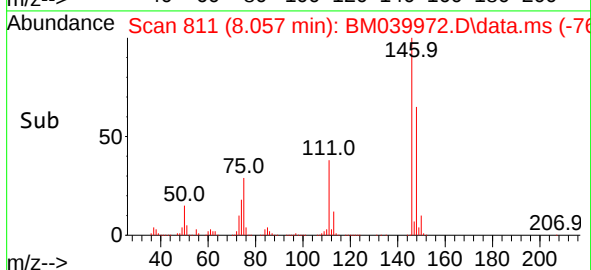
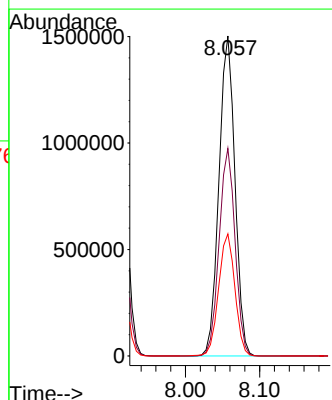
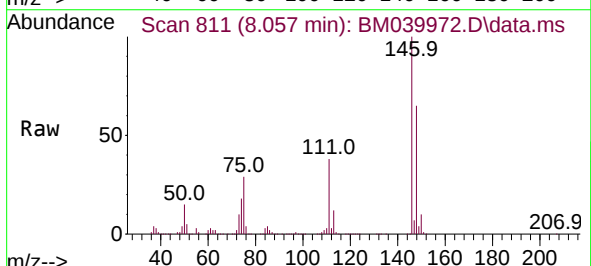
Tgt Ion:146 Resp: 2252858

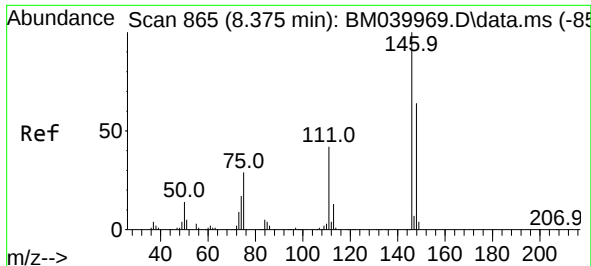
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

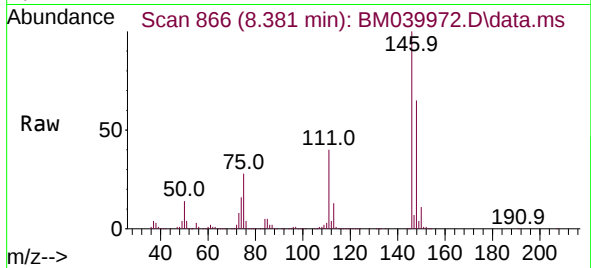
111 38.1 31.4 47.0





#14
1,2-Dichlorobenzene
Concen: 75.728 ng
RT: 8.381 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

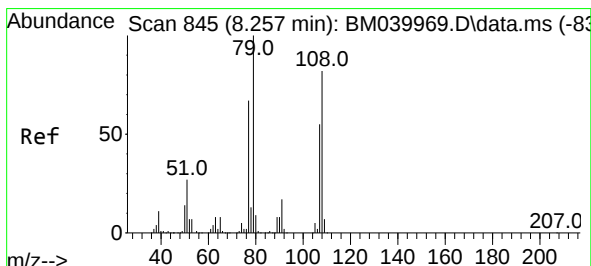
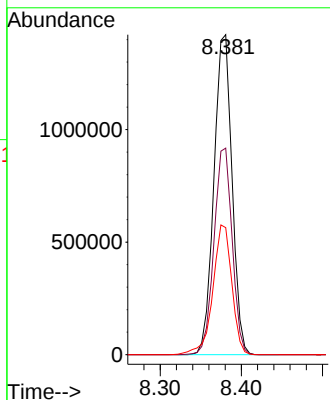
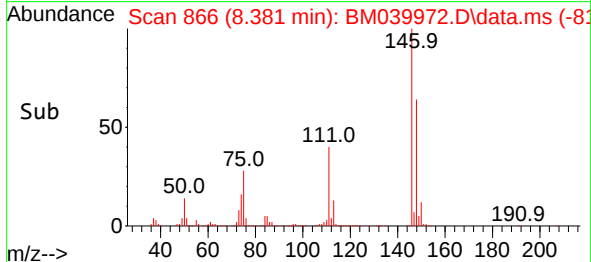
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



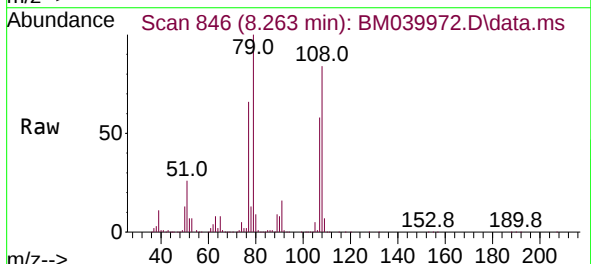
Tgt Ion:146 Resp: 220299
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 39.7 33.5 50.3

Manual Integrations
APPROVED

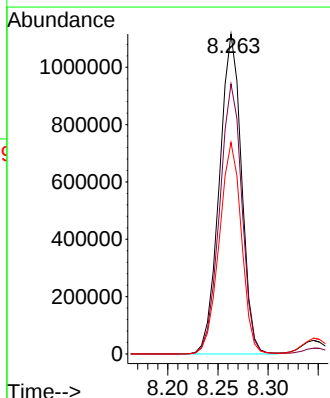
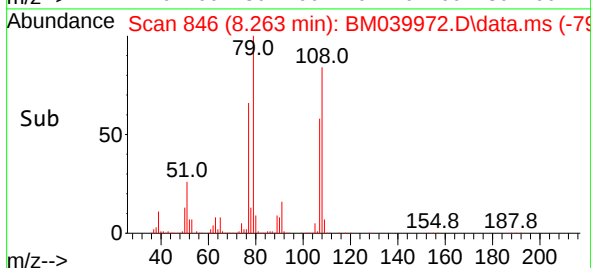
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

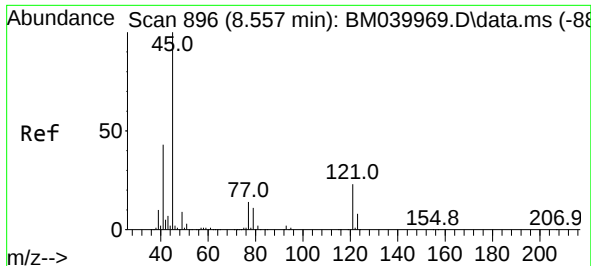


#15
Benzyl Alcohol
Concen: 77.782 ng
RT: 8.263 min Scan# 846
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



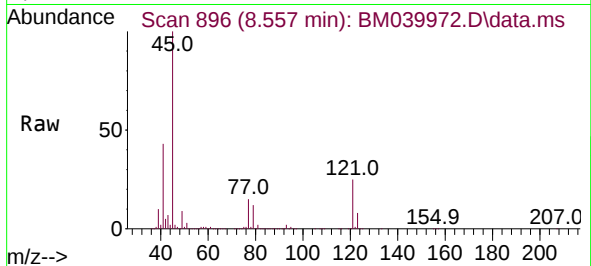
Tgt Ion: 79 Resp: 1710905
Ion Ratio Lower Upper
79 100
108 84.4 65.4 98.2
77 66.1 53.6 80.4





#16
2,2'-oxybis(1-Chloropropane)
Concen: 69.454 ng
RT: 8.557 min Scan# 896
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

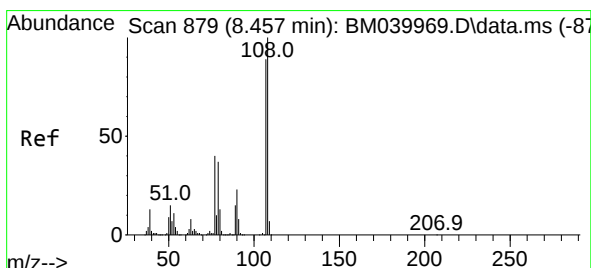
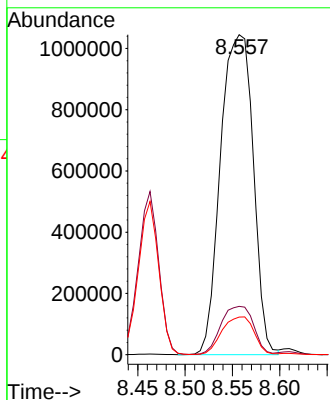
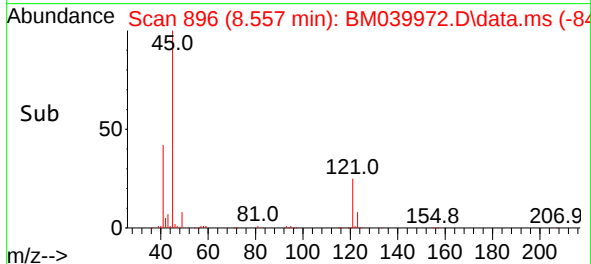
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 45 Resp: 251004
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.7
79 11.7 0.0 31.3

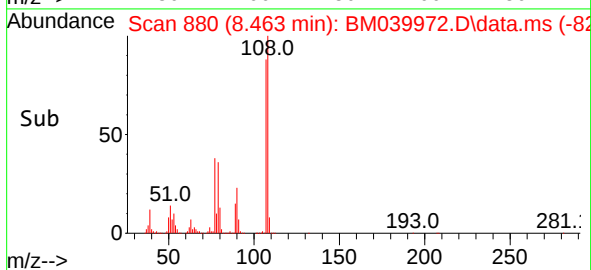
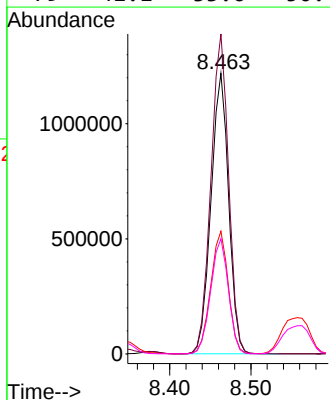
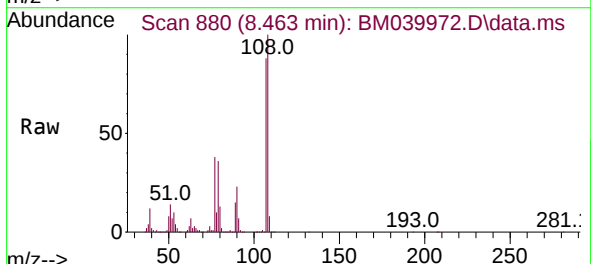
Manual Integrations
APPROVED

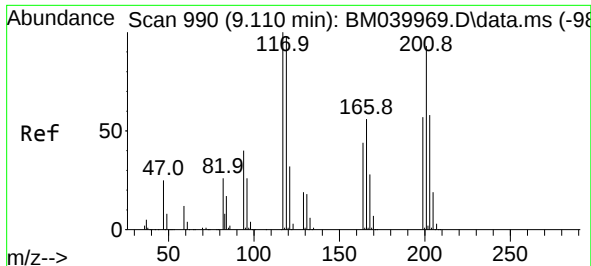
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#17
2-Methylphenol
Concen: 75.188 ng
RT: 8.463 min Scan# 880
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

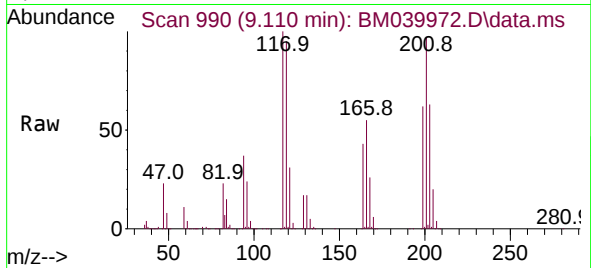
Tgt Ion:107 Resp: 1839984
Ion Ratio Lower Upper
107 100
108 114.0 89.8 134.8
77 43.7 35.6 53.4
79 41.1 33.6 50.4





#18
Hexachloroethane
Concen: 75.763 ng
RT: 9.110 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

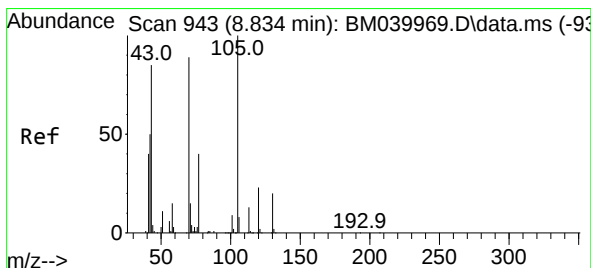
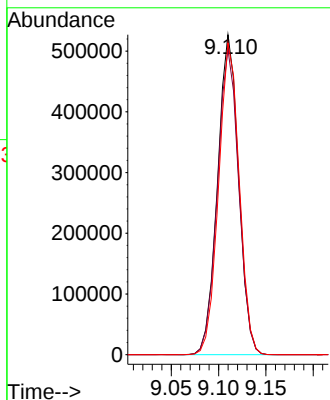
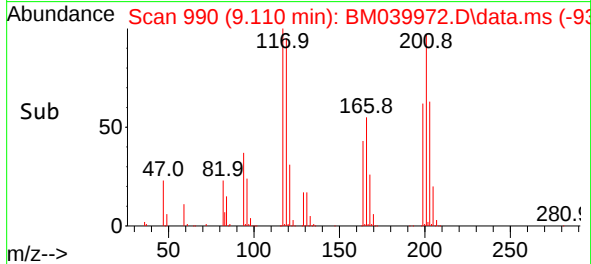
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



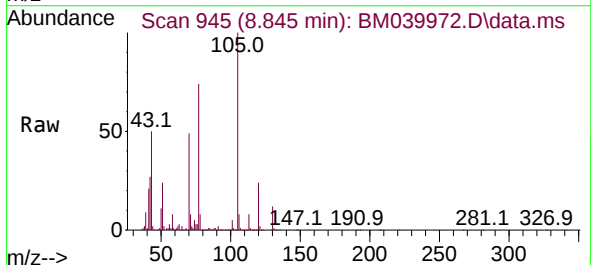
Tgt Ion:117 Resp: 814874
Ion Ratio Lower Upper
117 100
119 95.4 78.8 118.2
201 97.4 74.3 111.5

Manual Integrations
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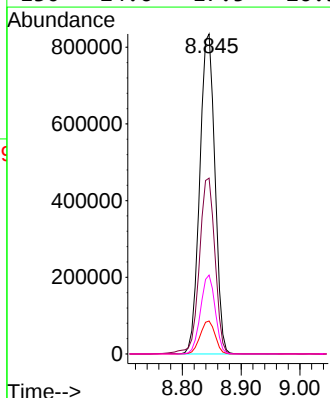
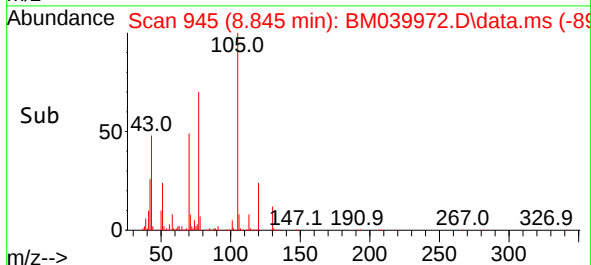
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

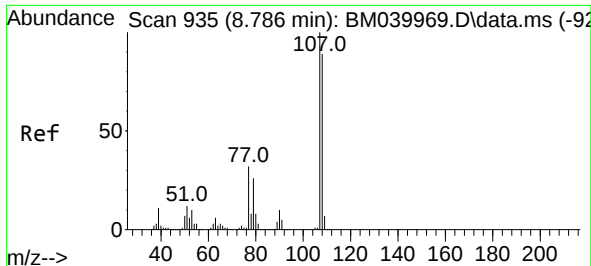


#19
n-Nitroso-di-n-propylamine
Concen: 75.654 ng
RT: 8.845 min Scan# 945
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion: 70 Resp: 1495238
Ion Ratio Lower Upper
70 100
42 55.0 45.6 68.4
101 10.3 7.7 11.5
130 24.6 17.5 26.3





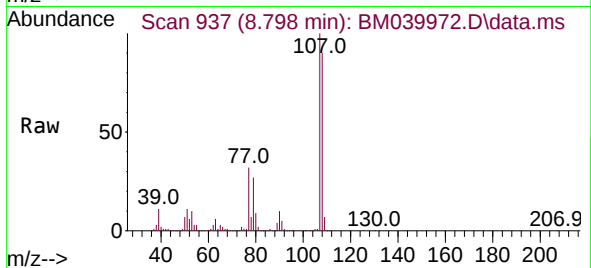
#20
3+4-Methylphenols
Concen: 76.653 ng
RT: 8.798 min Scan# 91
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

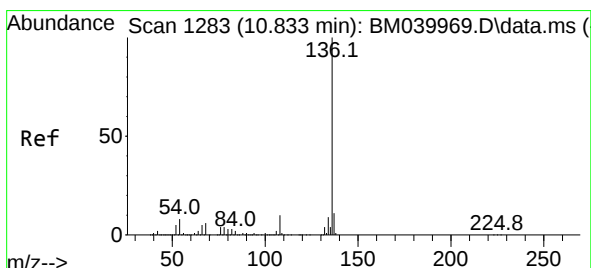
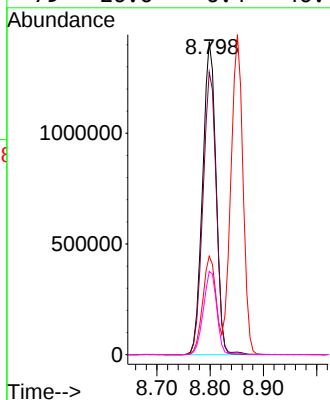
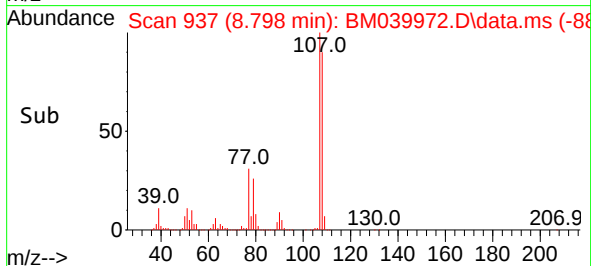


Tgt Ion:107 Resp: 2475318
Ion Ratio Lower Upper
107 100
108 90.3 69.3 109.3
77 31.5 11.7 51.7
79 26.6 6.4 46.4

Manual Integrations

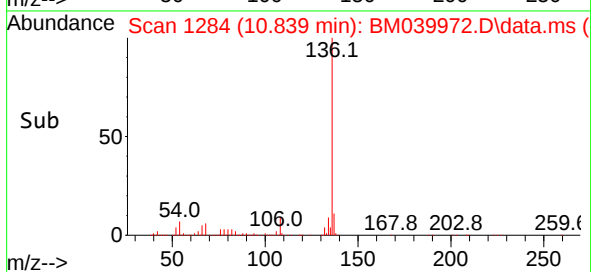
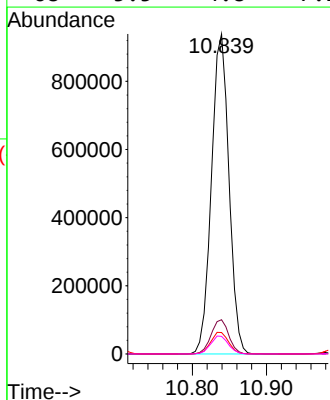
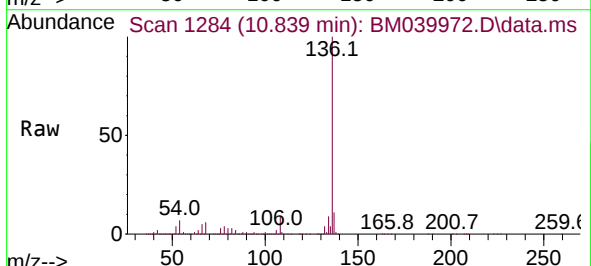
APPROVED

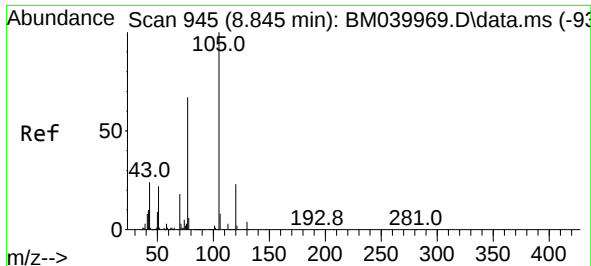
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.839 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

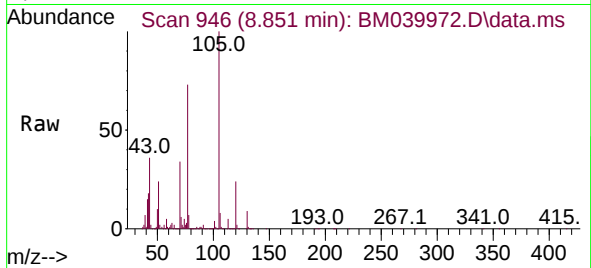
Tgt Ion:136 Resp: 1537353
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.7 6.1 9.1
68 5.5 4.8 7.2





#22
Acetophenone
Concen: 75.736 ng
RT: 8.851 min Scan# 945
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

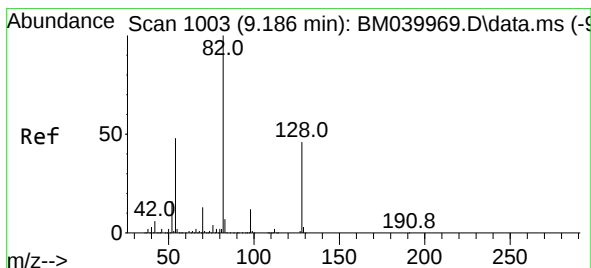
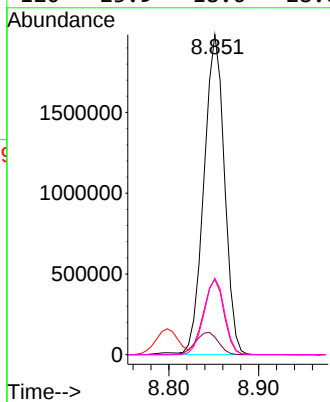
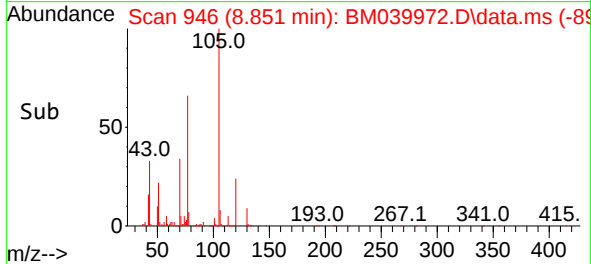
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



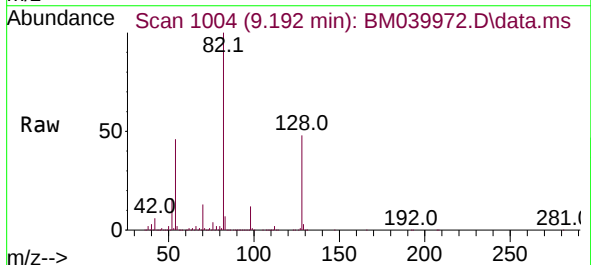
Tgt Ion:105 Resp: 3142658
Ion Ratio Lower Upper
105 100
71 5.5 2.2 3.4
51 23.6 19.8 29.8
120 23.9 18.6 28.0

Manual Integrations
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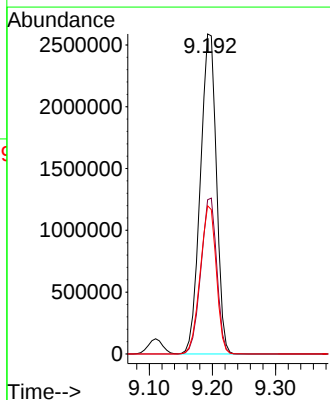
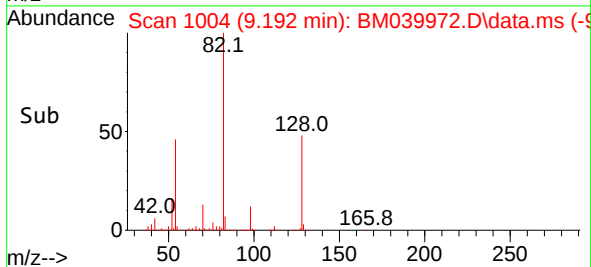
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

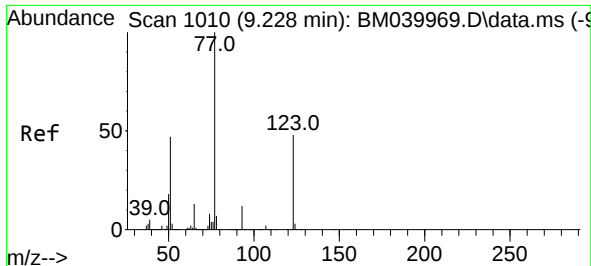


#23
Nitrobenzene-d5
Concen: 160.137 ng
RT: 9.192 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion: 82 Resp: 4562390
Ion Ratio Lower Upper
82 100
128 48.2 36.5 54.7
54 46.3 38.3 57.5





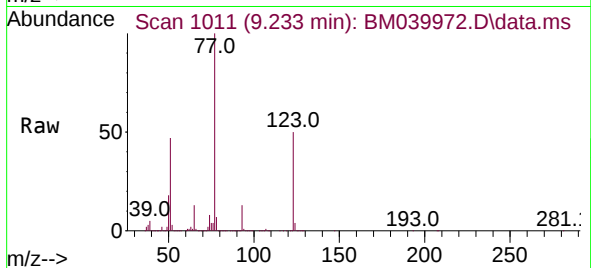
#24
Nitrobenzene
Concen: 77.868 ng
RT: 9.233 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

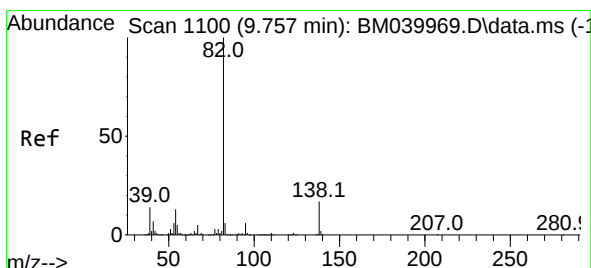
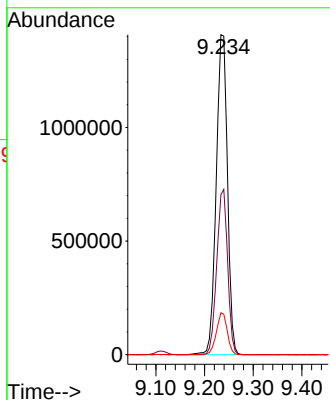
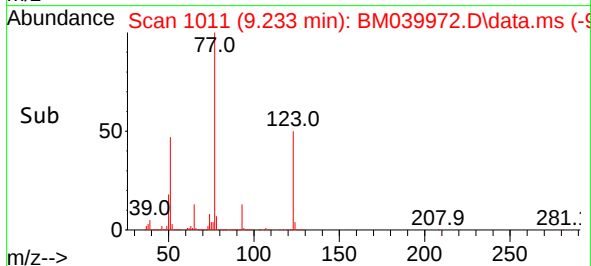


Tgt Ion: 77 Resp: 2250349
Ion Ratio Lower Upper
77 100
123 50.0 38.1 57.1
65 13.1 10.1 15.1

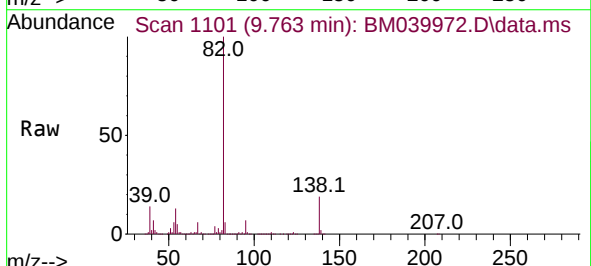
Manual Integrations

APPROVED

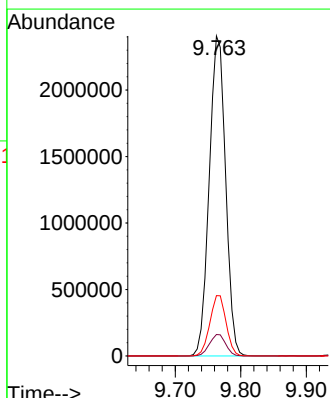
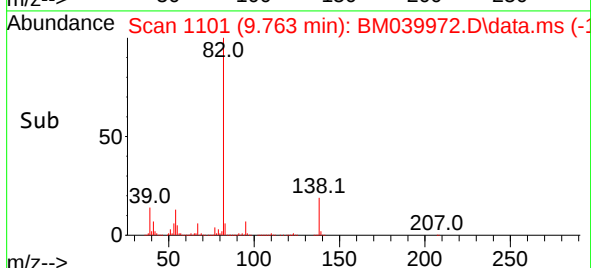
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

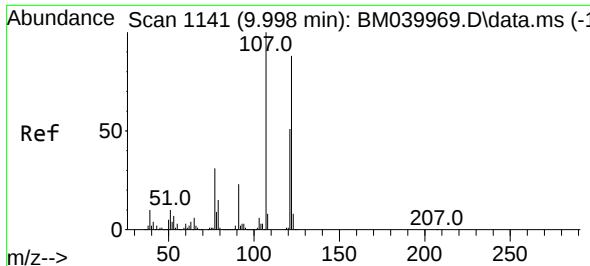


#25
Isophorone
Concen: 80.231 ng
RT: 9.763 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion: 82 Resp: 4168562
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 18.9 13.8 20.8





#27

2,4-Dimethylphenol

Concen: 82.230 ng

RT: 10.004 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BM039972.D

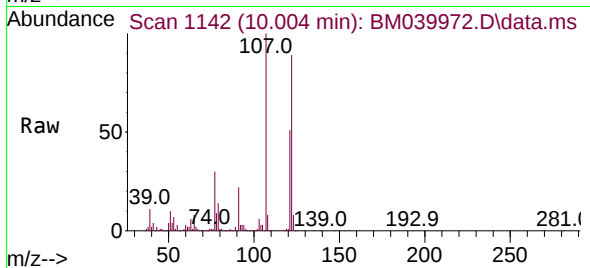
Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



Tgt Ion:122 Resp: 1915290

Ion Ratio Lower Upper

122 100

107 112.3 91.0 136.4

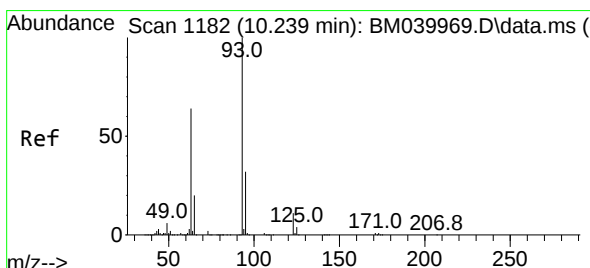
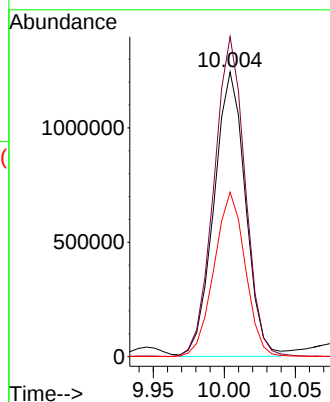
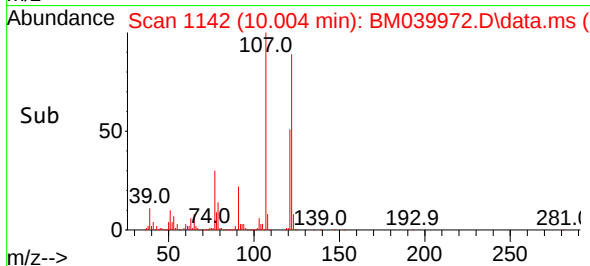
121 57.7 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :mohammad ahmed 05/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 77.616 ng

RT: 10.245 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BM039972.D

Acq: 23 May 2023 14:13

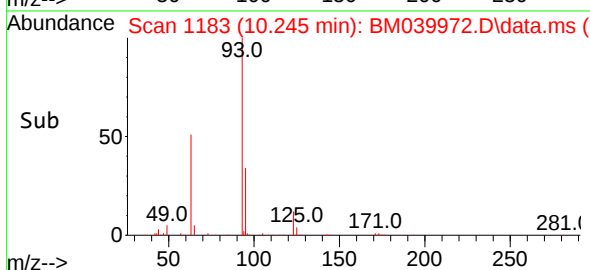
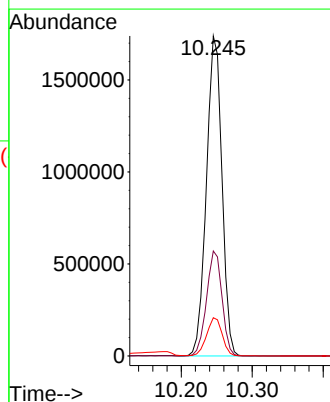
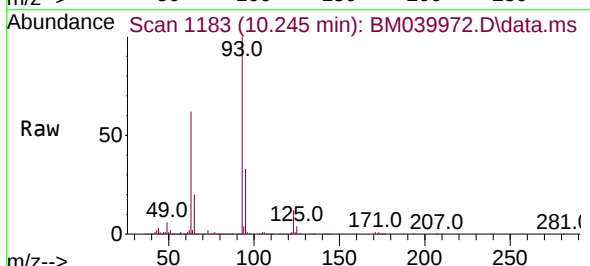
Tgt Ion: 93 Resp: 2643913

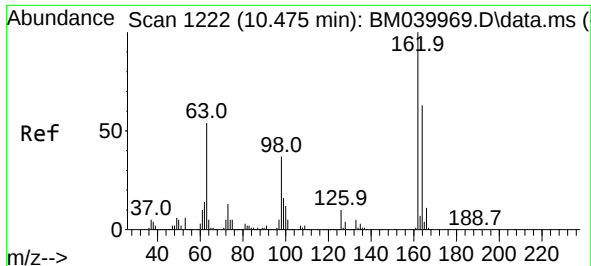
Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

123 12.0 9.1 13.7





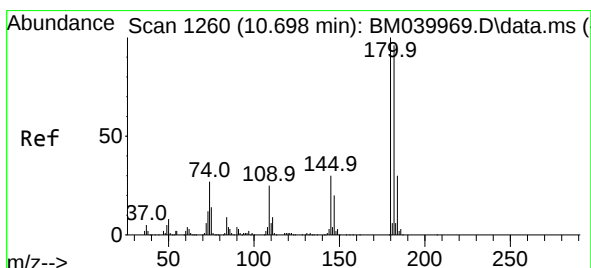
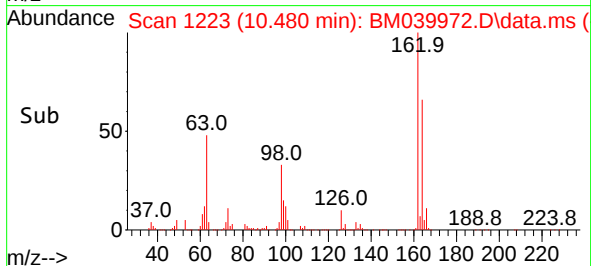
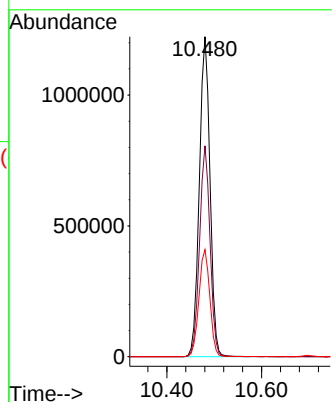
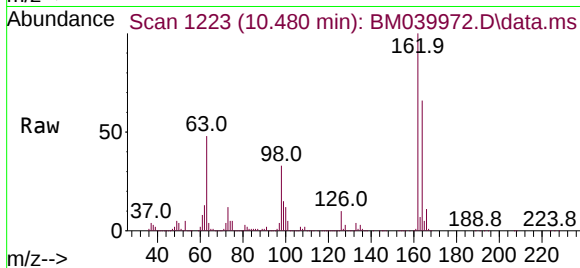
#29
2,4-Dichlorophenol
Concen: 86.504 ng
RT: 10.480 min Scan# 1222
Delta R.T. 0.005 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1908934
Ion Ratio Lower Upper
162 100
164 65.9 43.3 83.3
98 33.5 16.6 56.6

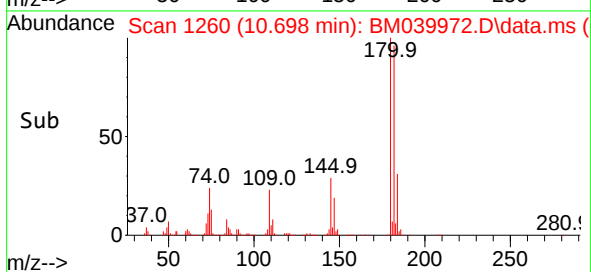
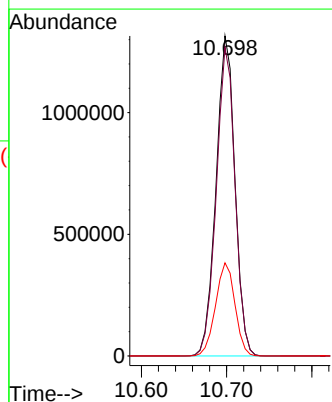
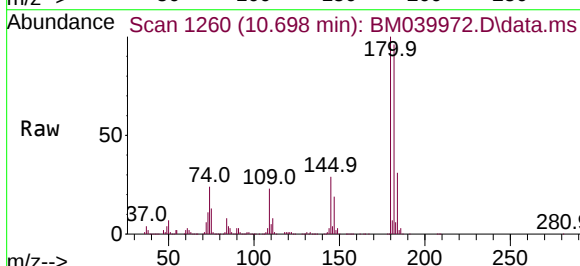
Manual Integrations
APPROVED

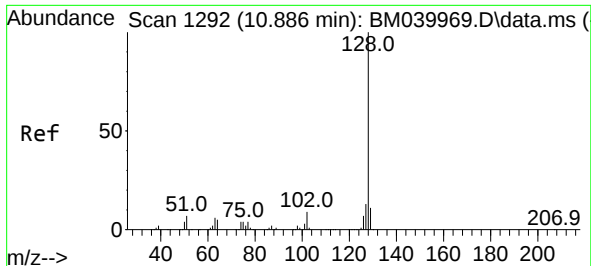
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 83.783 ng
RT: 10.698 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

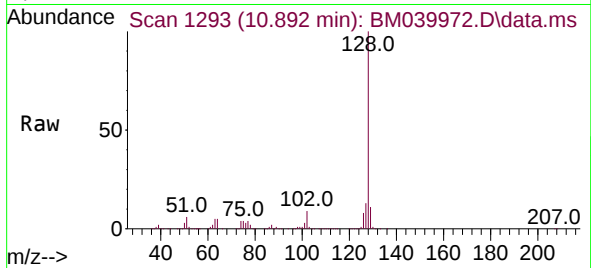
Tgt Ion:180 Resp: 2024138
Ion Ratio Lower Upper
180 100
182 96.3 76.9 115.3
145 29.1 24.1 36.1





#31
Naphthalene
Concen: 77.937 ng
RT: 10.892 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

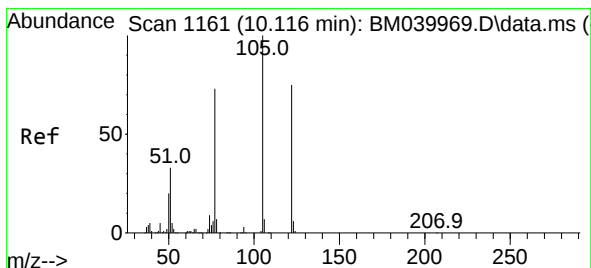
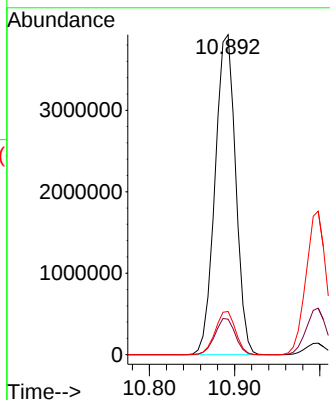
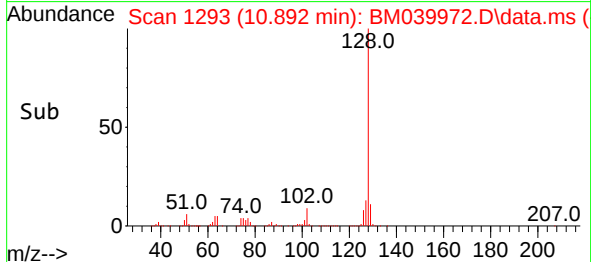
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 6610934
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.4 15.6

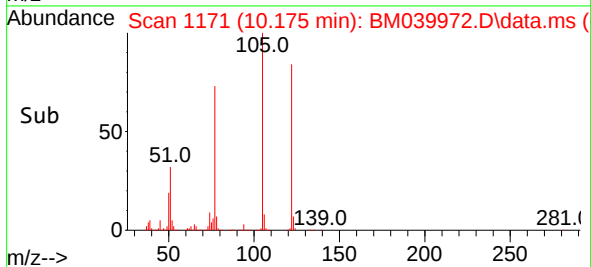
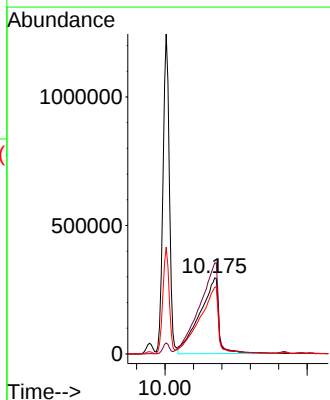
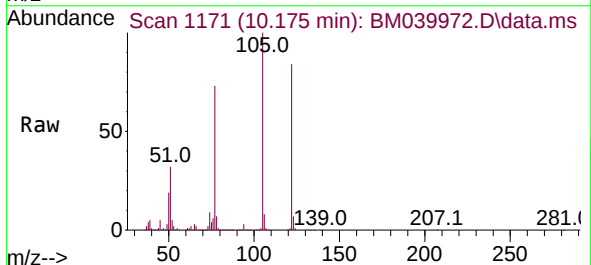
Manual Integrations
APPROVED

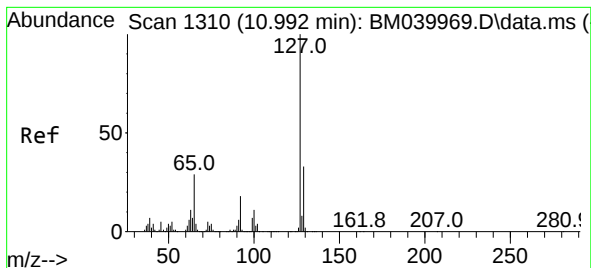
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#32
Benzoic acid
Concen: 81.253 ng
RT: 10.175 min Scan# 1171
Delta R.T. 0.059 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Tgt Ion:122 Resp: 1376718
Ion Ratio Lower Upper
122 100
105 119.6 106.0 146.0
77 87.7 74.7 114.7





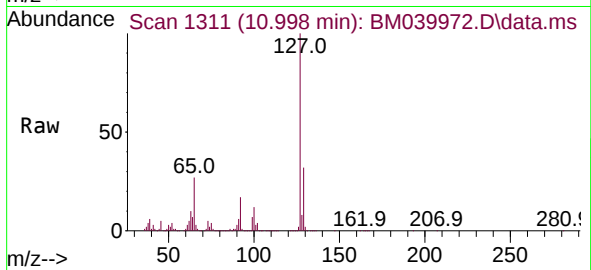
#33
4-Chloroaniline
Concen: 81.224 ng
RT: 10.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

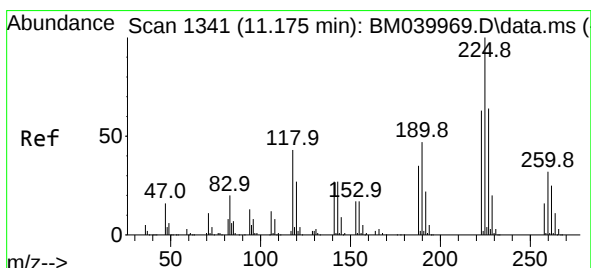
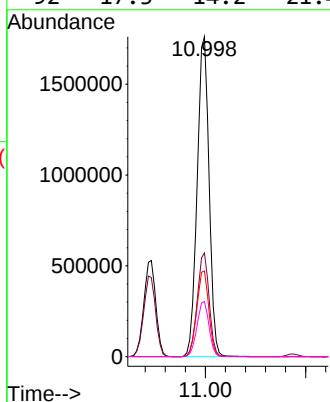
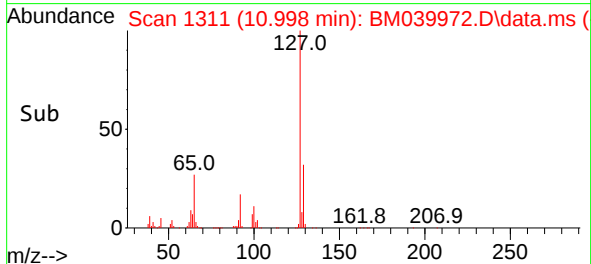


Tgt Ion:127 Resp: 2903250
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.2
65 26.8 23.1 34.7
92 17.3 14.2 21.4

Manual Integrations

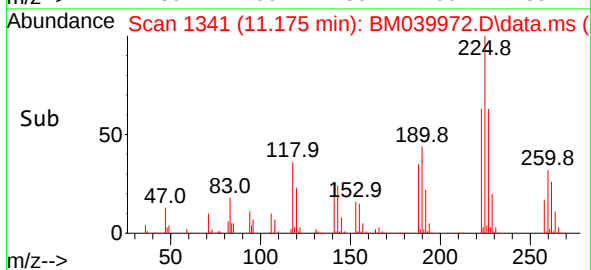
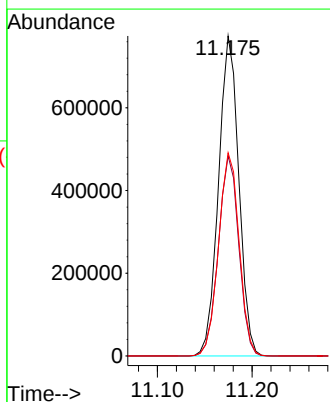
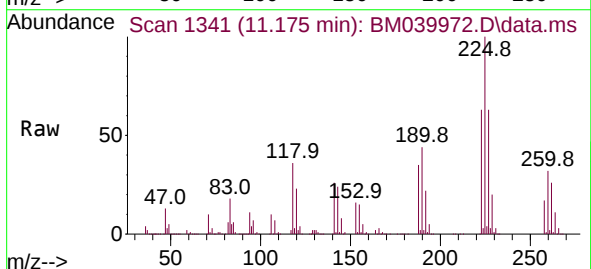
APPROVED

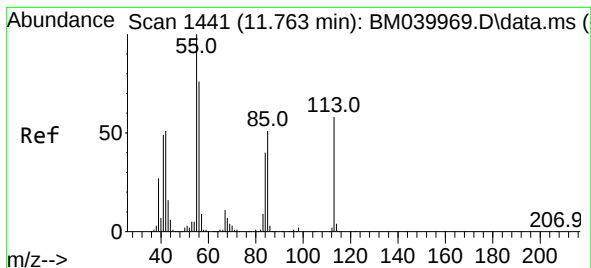
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#34
Hexachlorobutadiene
Concen: 84.938 ng
RT: 11.175 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

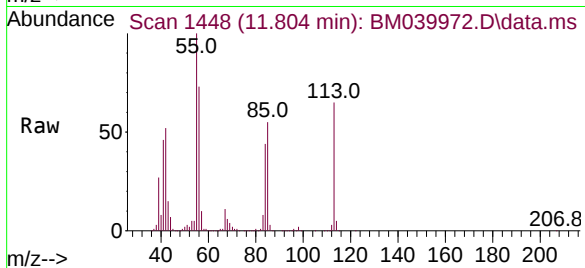
Tgt Ion:225 Resp: 1151780
Ion Ratio Lower Upper
225 100
223 62.5 50.3 75.5
227 63.5 51.0 76.4





#35
Caprolactam
Concen: 89.127 ng
RT: 11.804 min Scan# 1441
Delta R.T. 0.041 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

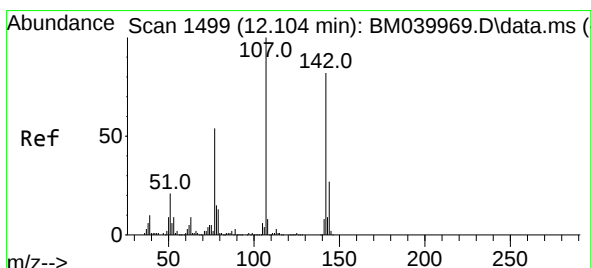
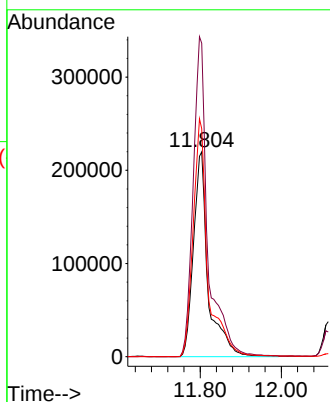
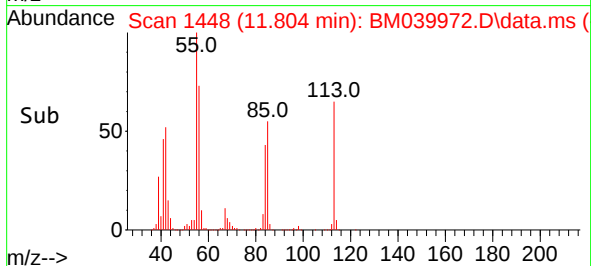
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



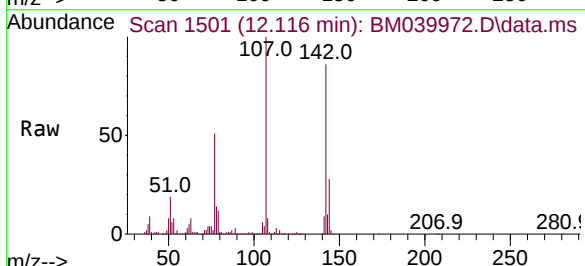
Tgt Ion:113 Resp: 55539
Ion Ratio Lower Upper
113 100
55 153.0 152.5 192.5
56 111.3 111.2 151.2

Manual Integrations
APPROVED

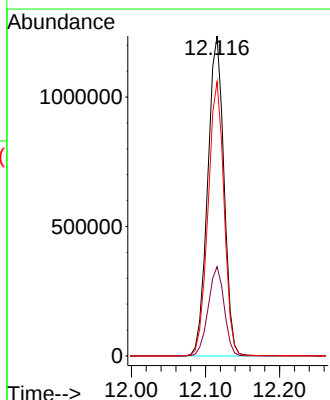
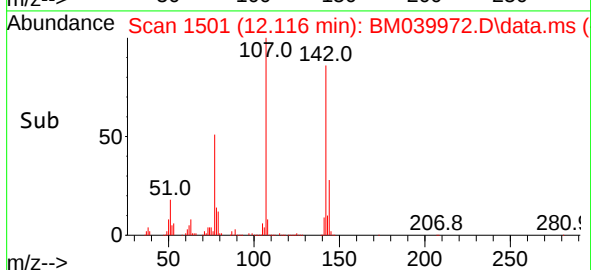
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

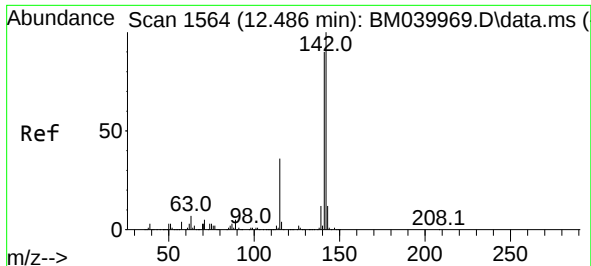


#36
4-Chloro-3-methylphenol
Concen: 82.536 ng
RT: 12.116 min Scan# 1501
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion:107 Resp: 1882594
Ion Ratio Lower Upper
107 100
144 27.9 21.4 32.2
142 85.7 65.8 98.6





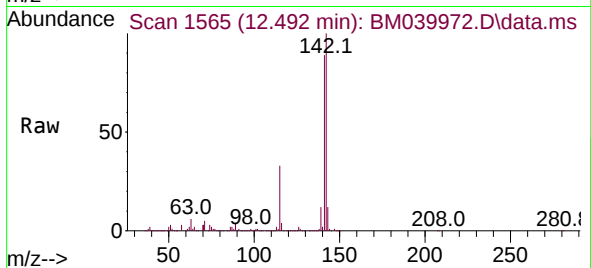
#37
2-Methylnaphthalene
Concen: 80.963 ng
RT: 12.492 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

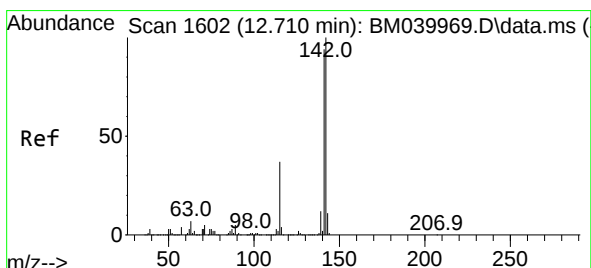
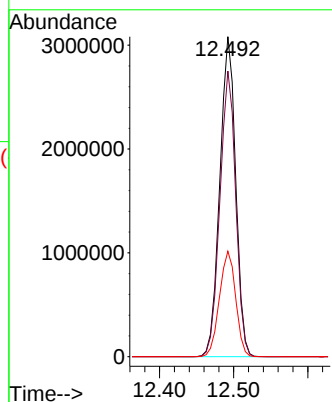
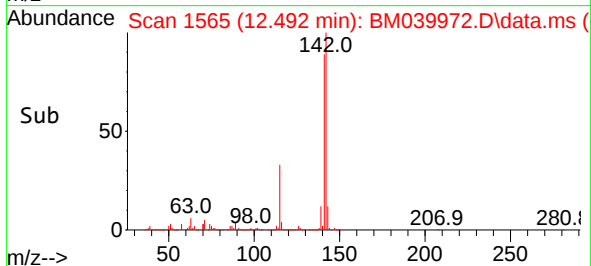


Tgt Ion:142 Resp: 457759
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4
115 33.0 28.8 43.2

Manual Integrations

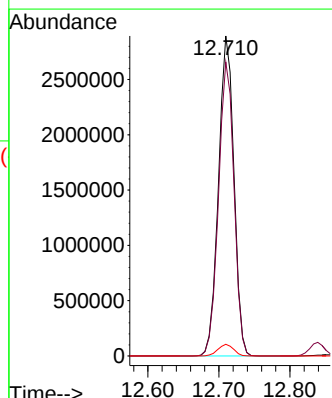
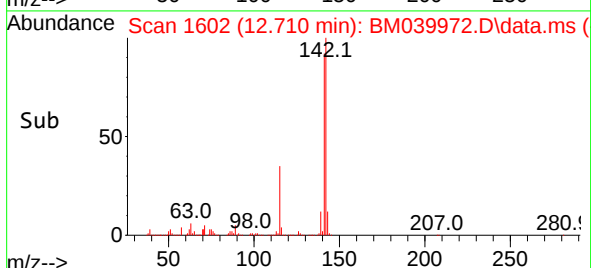
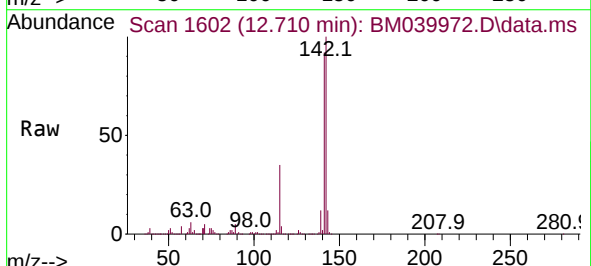
APPROVED

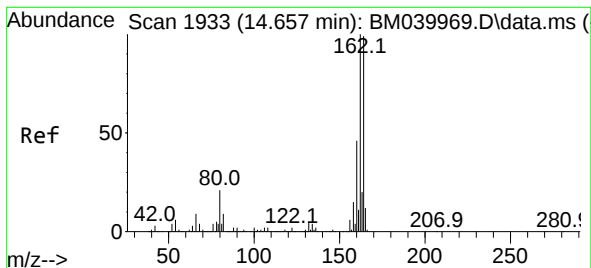
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#38
1-Methylnaphthalene
Concen: 82.061 ng
RT: 12.710 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

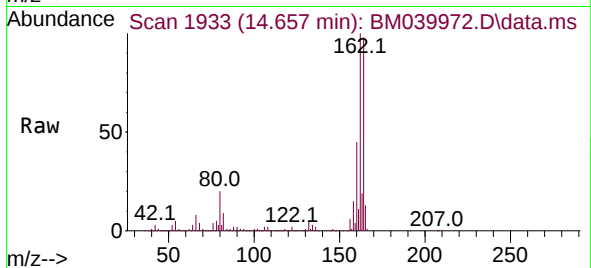
Tgt Ion:142 Resp: 4343090
Ion Ratio Lower Upper
142 100
141 91.8 75.1 112.7
116 3.7 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.657 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

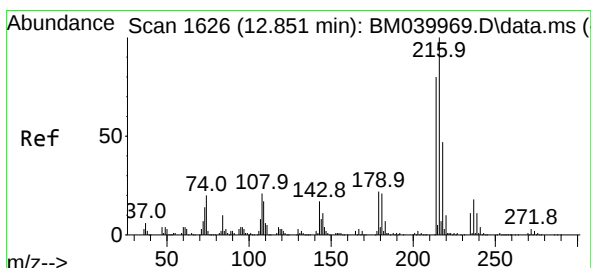
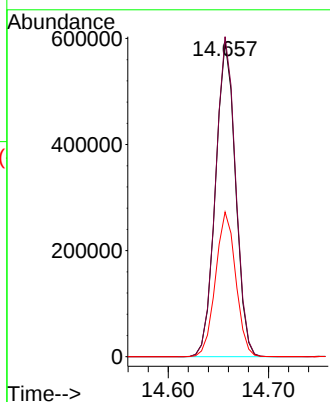
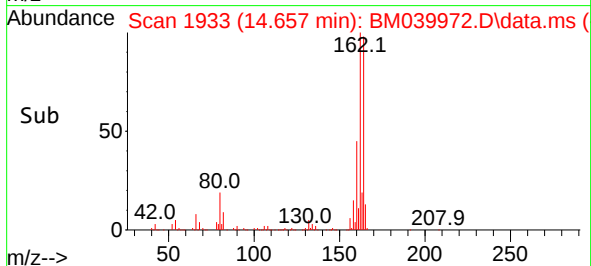
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



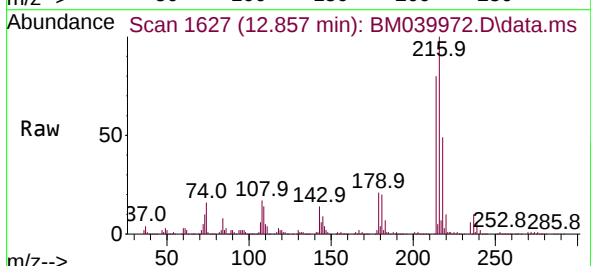
Tgt Ion:164 Resp: 821311
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 46.0 36.7 55.1

Manual Integrations
APPROVED

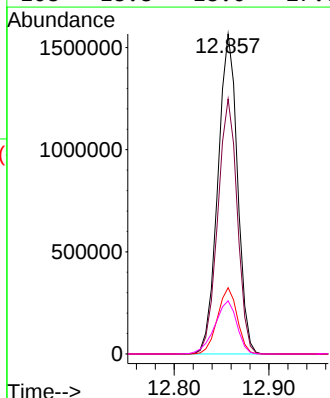
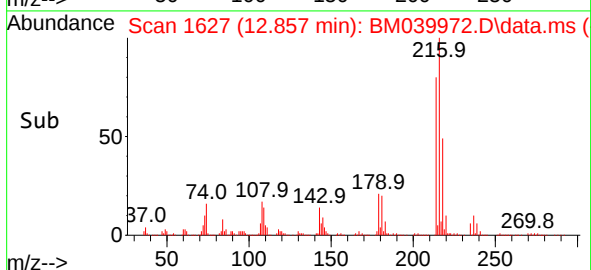
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

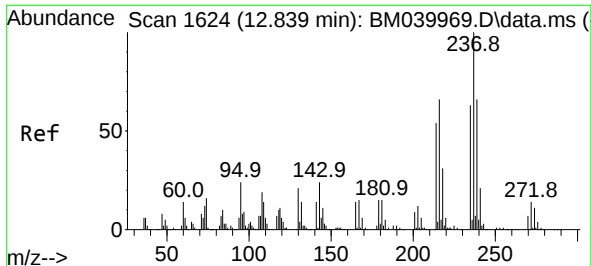


#40
1,2,4,5-Tetrachlorobenzene
Concen: 86.708 ng
RT: 12.857 min Scan# 1627
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



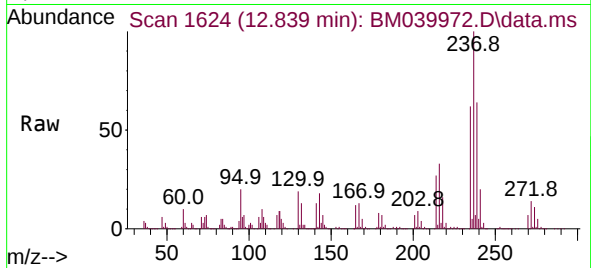
Tgt Ion:216 Resp: 2252412
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 20.9 17.4 26.2
108 18.8 18.0 27.0





#41
Hexachlorocyclopentadiene
Concen: 97.985 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

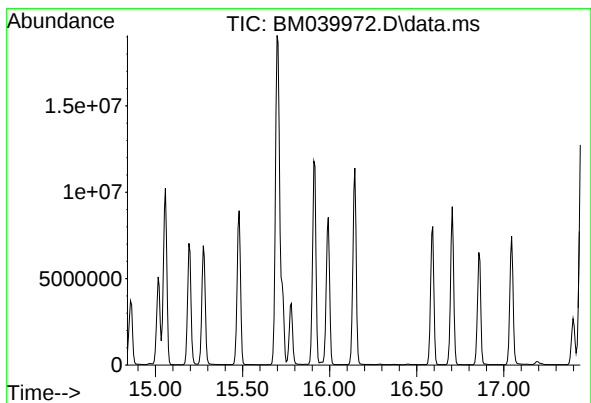
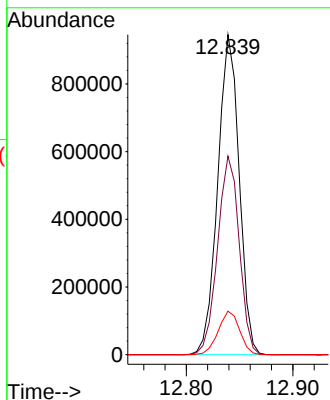
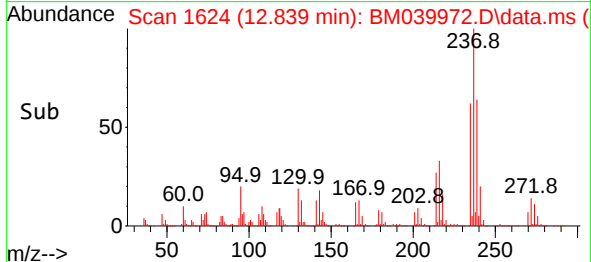
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 1316739
Ion Ratio Lower Upper
237 100
235 62.1 43.2 83.2
272 13.6 0.0 33.6

Manual Integrations
APPROVED

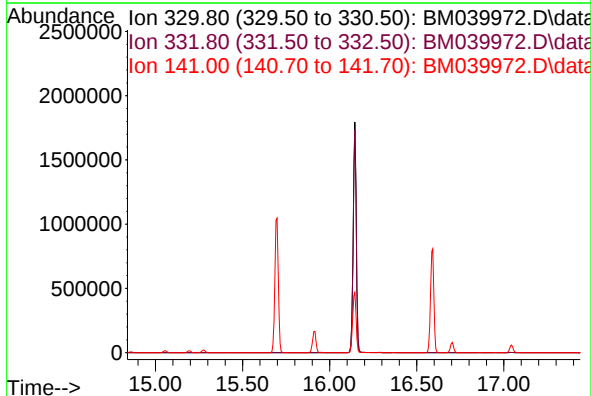
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

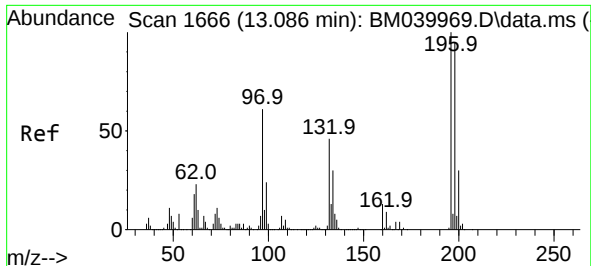


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.14 min

Lab File: BM039972.D
Acq: 23 May 2023 14:13

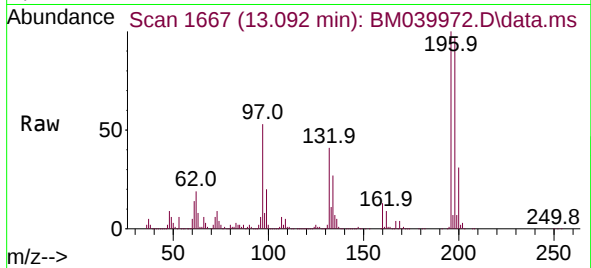
Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.8
141 39.5





#43
2,4,6-Trichlorophenol
Concen: 90.678 ng
RT: 13.092 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

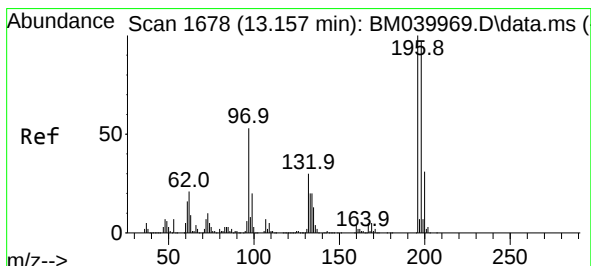
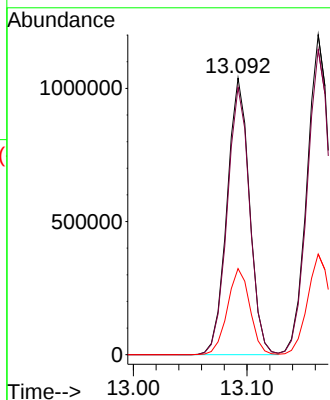
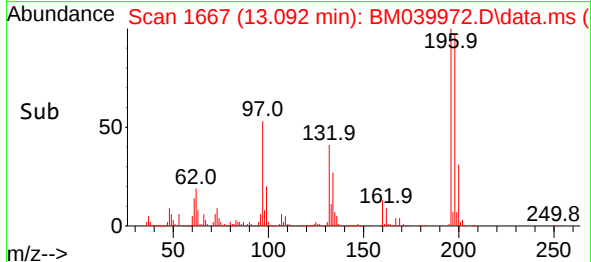
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



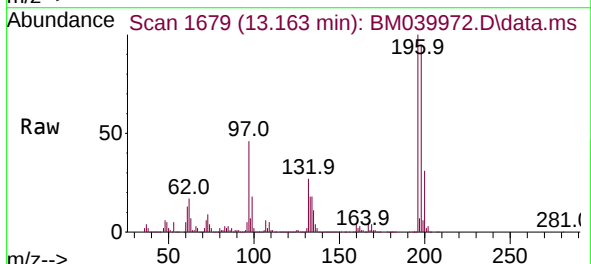
Tgt Ion:196 Resp: 1429730
Ion Ratio Lower Upper
196 100
198 96.6 75.7 113.5
200 31.1 23.8 35.8

Manual Integrations
APPROVED

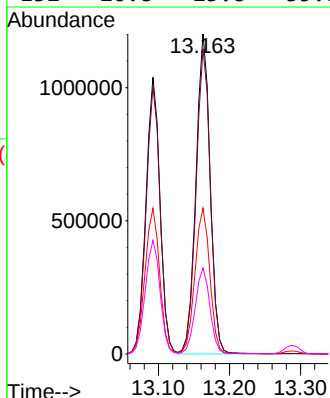
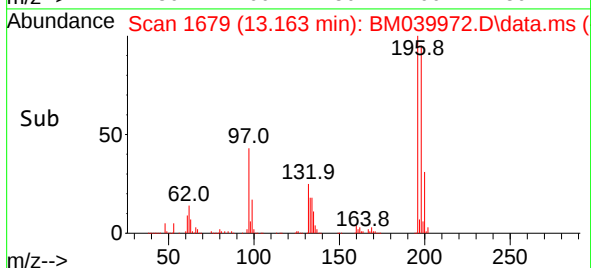
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

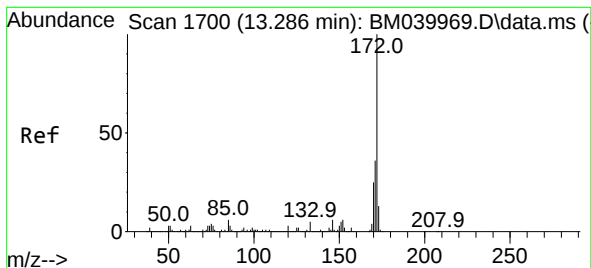


#44
2,4,5-Trichlorophenol
Concen: 89.411 ng
RT: 13.163 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



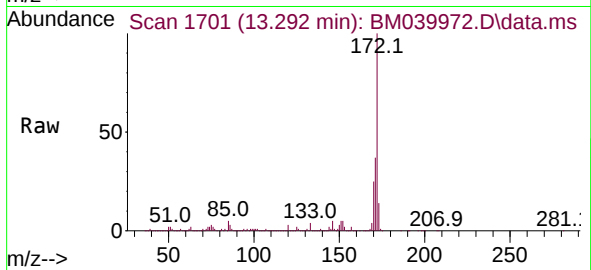
Tgt Ion:196 Resp: 1677957
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 45.5 42.2 63.2
132 26.8 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 161.590 ng
RT: 13.292 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

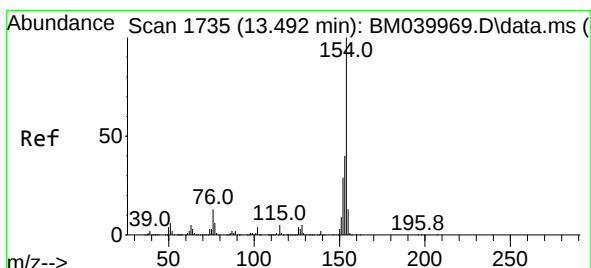
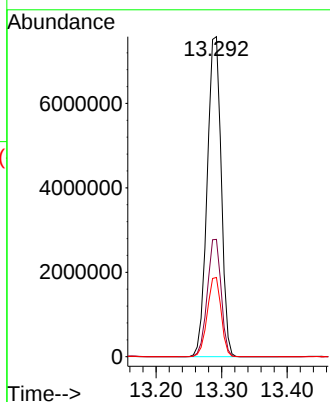
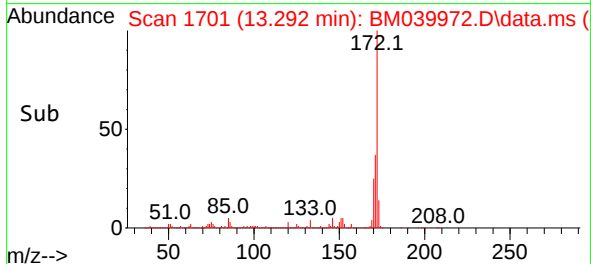
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



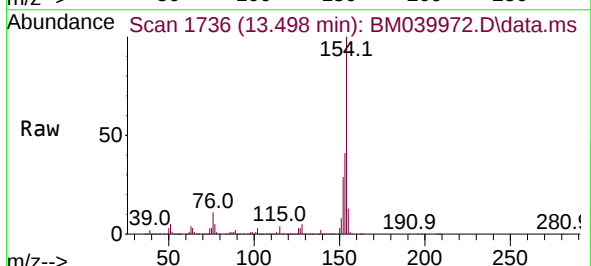
Tgt Ion:172 Resp:11251970
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.8 19.6 29.4

Manual Integrations
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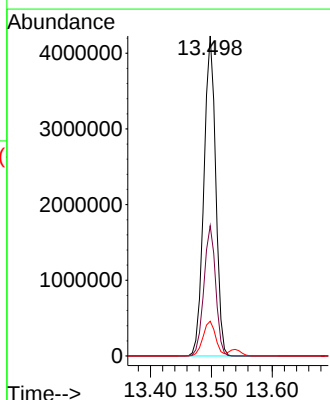
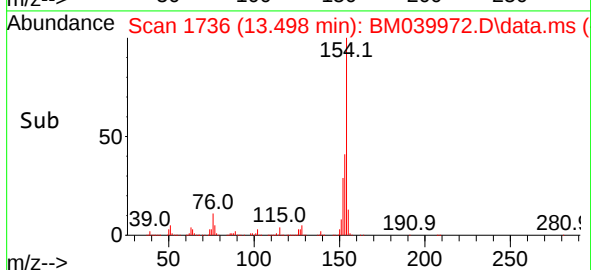
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

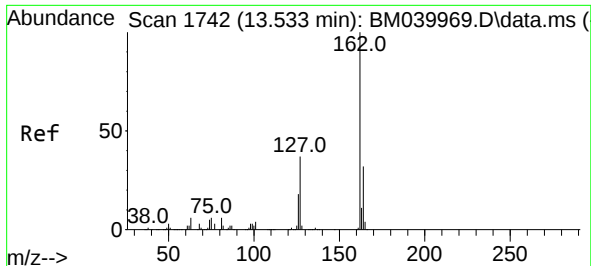


#46
1,1'-Biphenyl
Concen: 81.154 ng
RT: 13.498 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion:154 Resp: 5706476
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 10.8 0.0 33.1





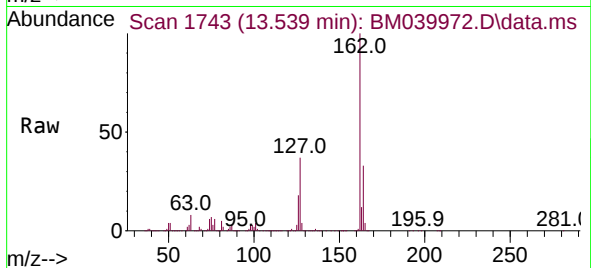
#47
2-Chloronaphthalene
Concen: 82.032 ng
RT: 13.539 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

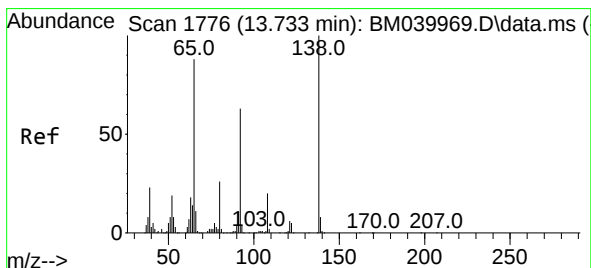
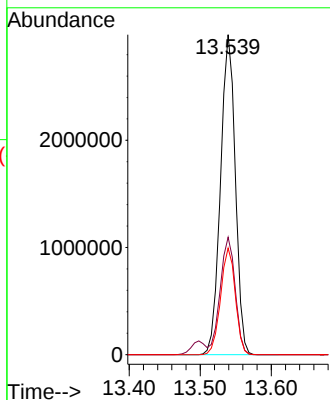
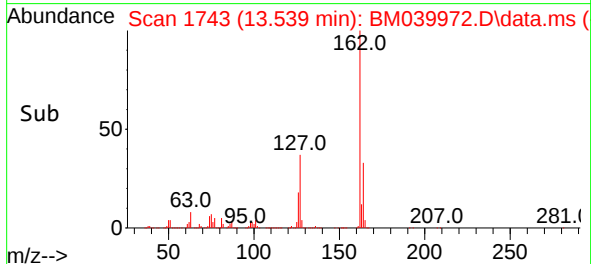


Tgt Ion:162 Resp: 430566
Ion Ratio Lower Upper
162 100
127 36.7 31.3 46.9
164 33.3 25.8 38.8

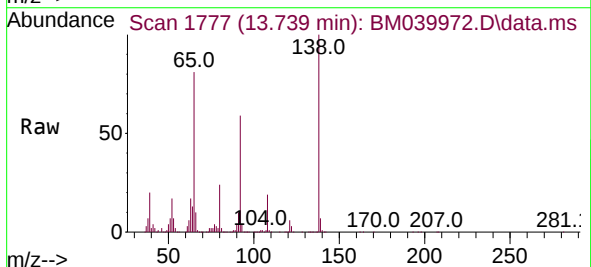
Manual Integrations

APPROVED

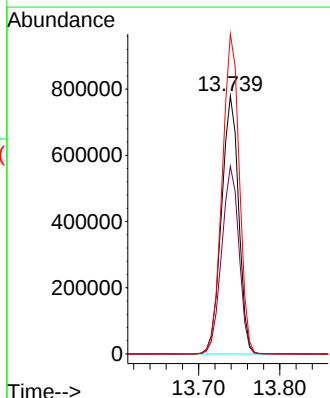
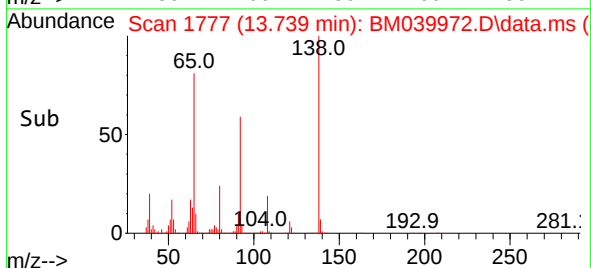
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

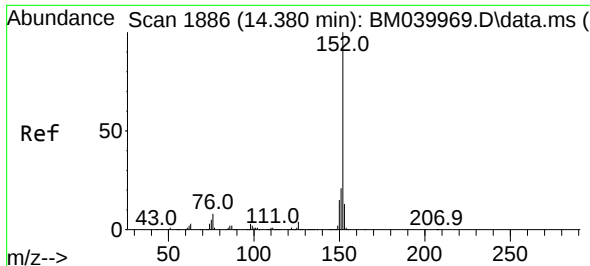


#48
2-Nitroaniline
Concen: 79.034 ng
RT: 13.739 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion: 65 Resp: 1147230
Ion Ratio Lower Upper
65 100
92 72.7 57.0 85.6
138 124.0 91.1 136.7





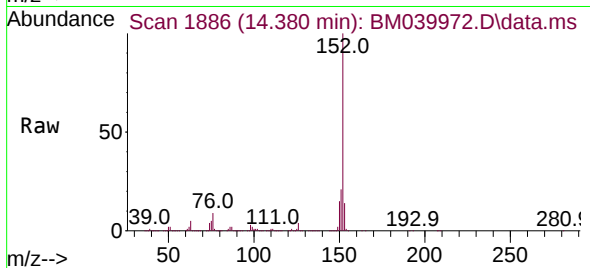
#49
Acenaphthylene
Concen: 83.065 ng
RT: 14.380 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

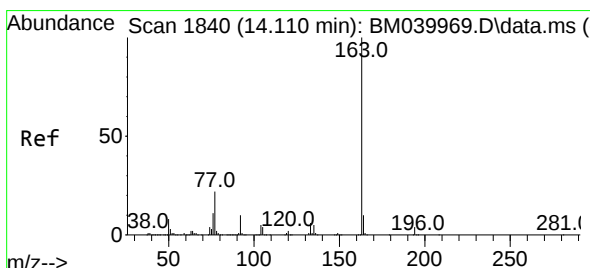
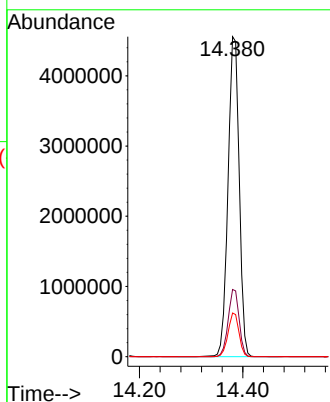
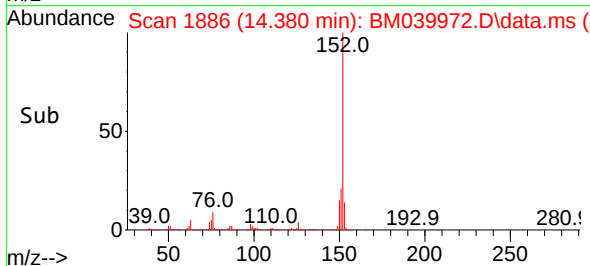


Tgt Ion:152 Resp: 682532
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.7 10.3 15.5

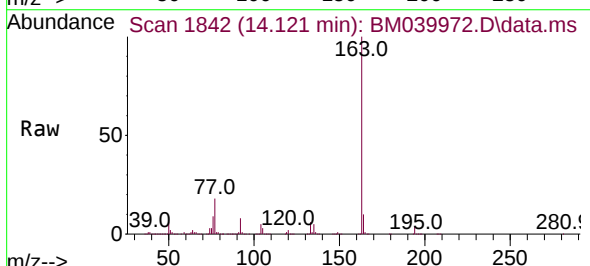
Manual Integrations

APPROVED

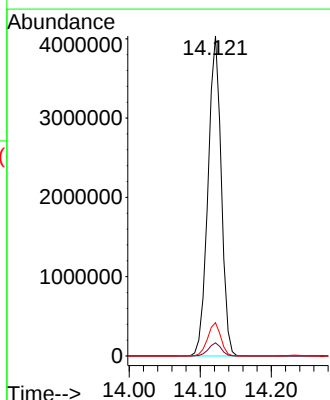
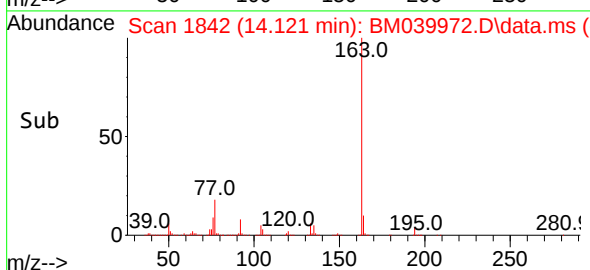
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

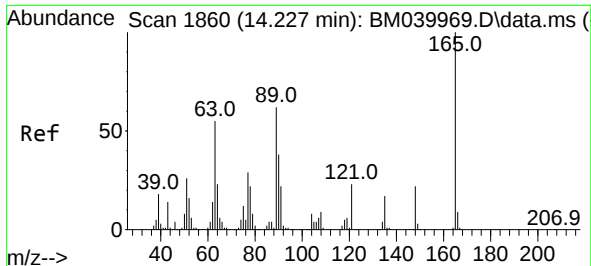


#50
Dimethylphthalate
Concen: 84.233 ng
RT: 14.121 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



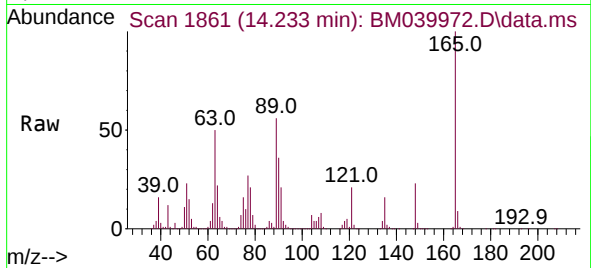
Tgt Ion:163 Resp: 5215175
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 91.497 ng
RT: 14.233 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

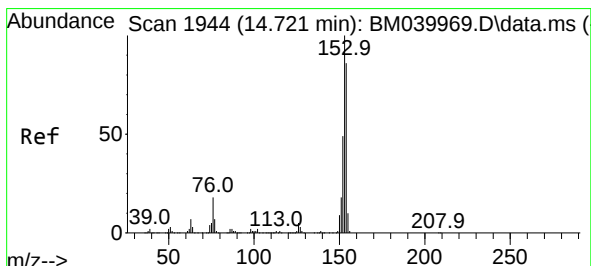
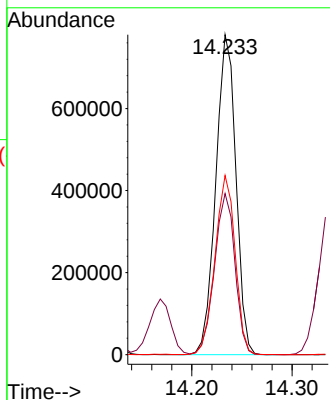
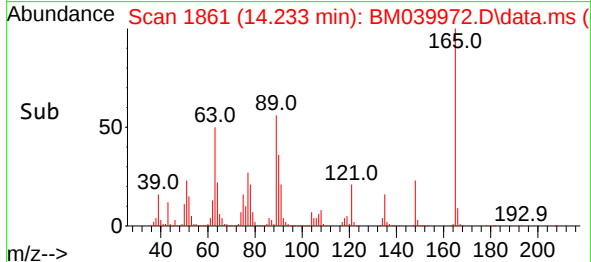
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



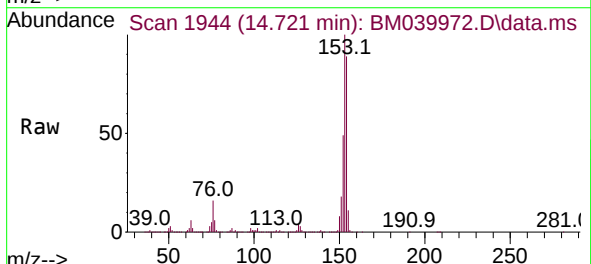
Tgt Ion:165 Resp: 108370
Ion Ratio Lower Upper
165 100
63 50.4 45.3 67.9
89 56.0 49.5 74.3

Manual Integrations
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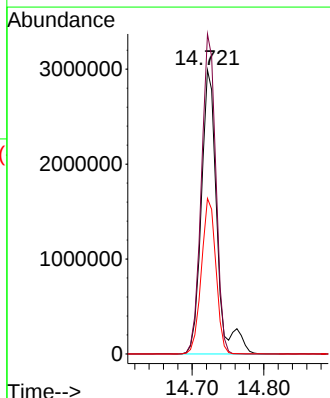
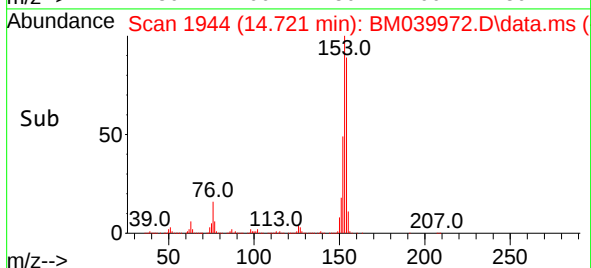
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

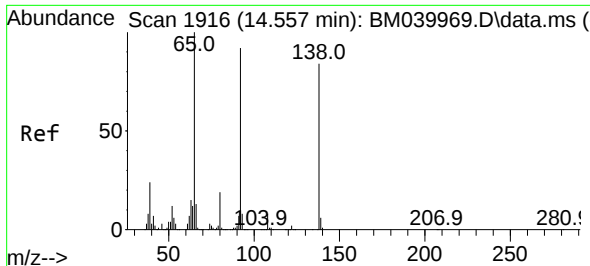


#52
Acenaphthene
Concen: 83.935 ng m
RT: 14.721 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



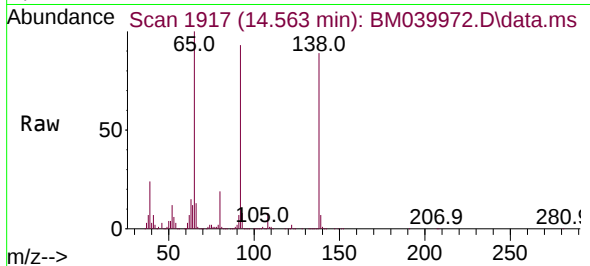
Tgt Ion:154 Resp: 4506204
Ion Ratio Lower Upper
154 100
153 112.8 92.6 139.0
152 54.8 45.5 68.3





#53
3-Nitroaniline
Concen: 91.633 ng
RT: 14.563 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

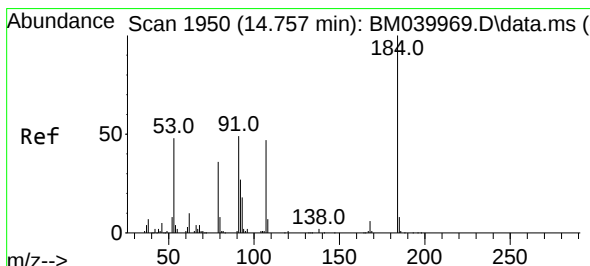
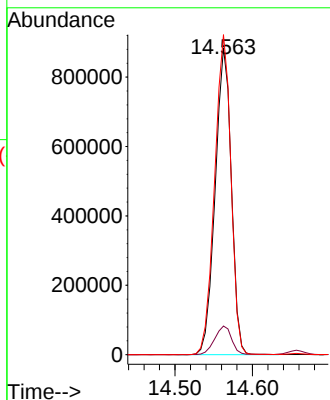
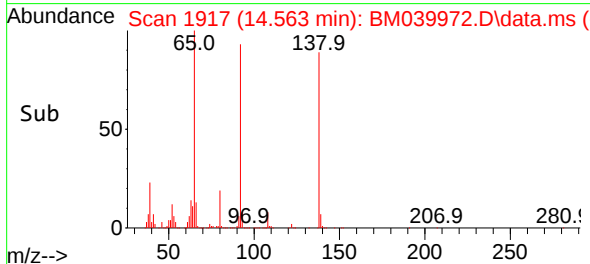
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



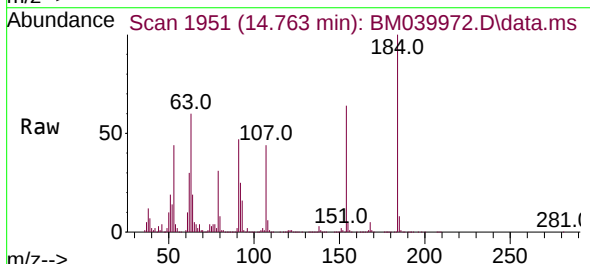
Tgt Ion:138 Resp: 1283890
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 104.3 87.7 131.5

Manual Integrations
APPROVED

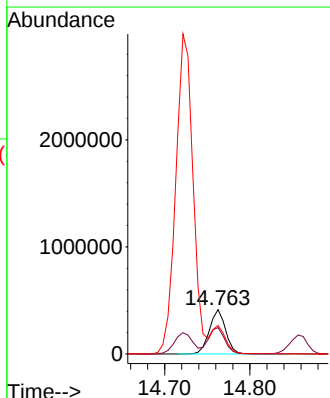
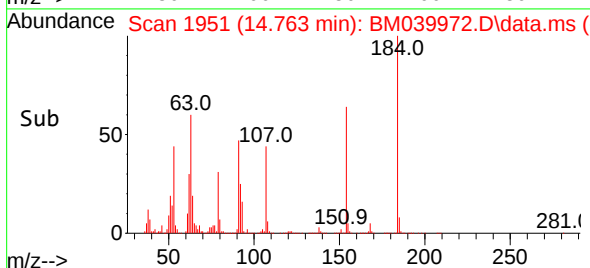
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

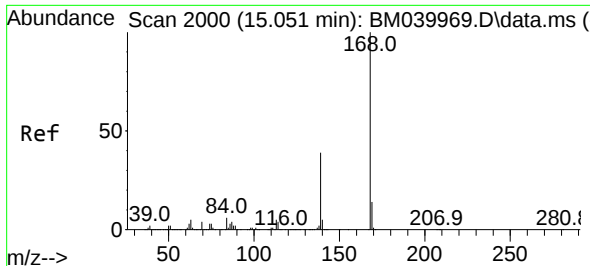


#54
2,4-Dinitrophenol
Concen: 82.379 ng
RT: 14.763 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



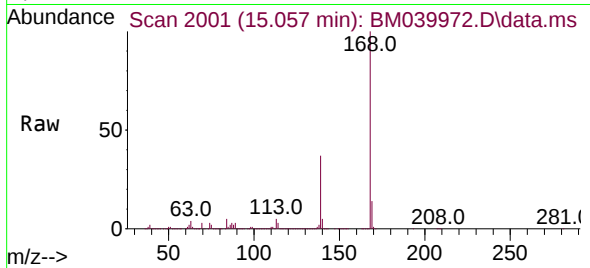
Tgt Ion:184 Resp: 544749
Ion Ratio Lower Upper
184 100
63 59.8 53.0 79.4
154 64.4 54.4 81.6





#55
Dibenzofuran
Concen: 81.649 ng
RT: 15.057 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

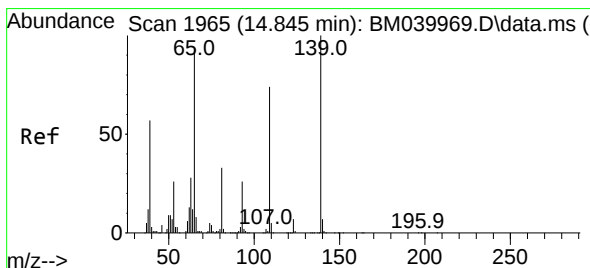
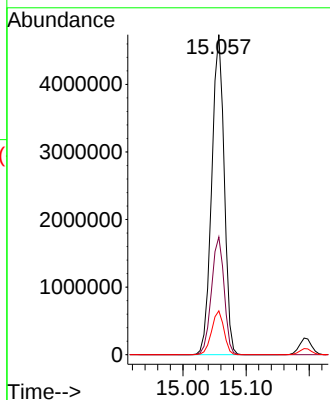
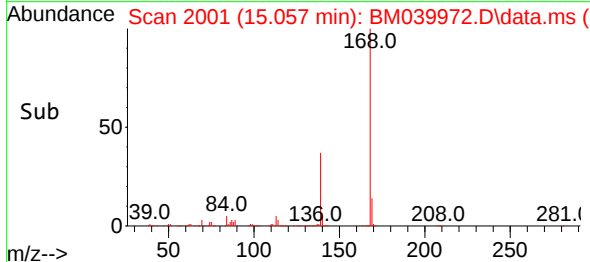
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



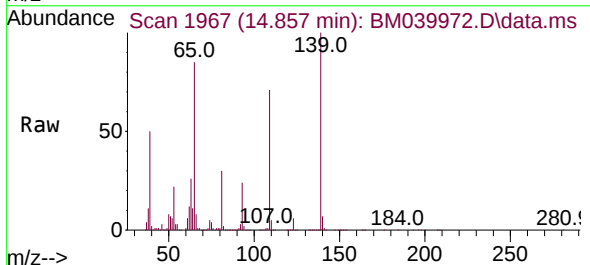
Tgt Ion:168 Resp: 647119
Ion Ratio Lower Upper
168 100
139 36.8 31.5 47.3
169 13.7 10.9 16.3

Manual Integrations
APPROVED

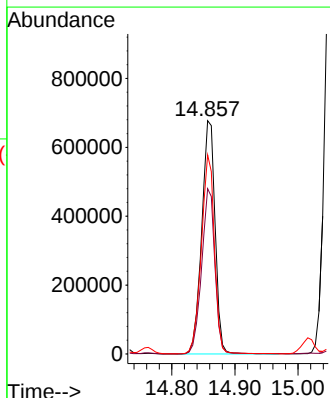
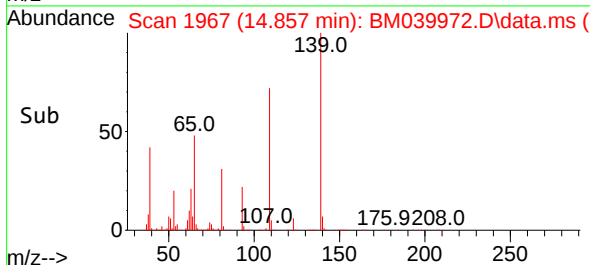
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

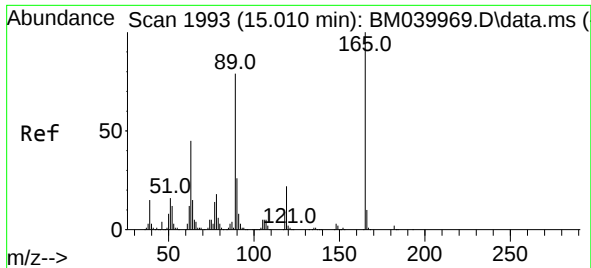


#56
4-Nitrophenol
Concen: 92.333 ng
RT: 14.857 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



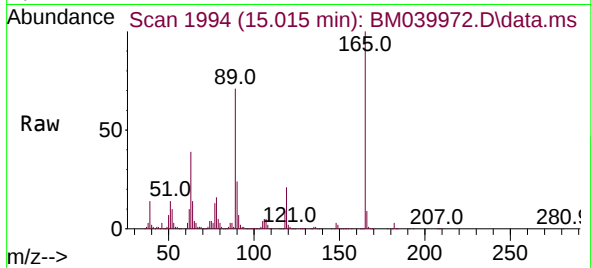
Tgt Ion:139 Resp: 1000742
Ion Ratio Lower Upper
139 100
109 70.8 53.9 93.9
65 85.3 72.6 112.6





#57
2,4-Dinitrotoluene
Concen: 81.274 ng
RT: 15.015 min Scan# 1993
Delta R.T. 0.005 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

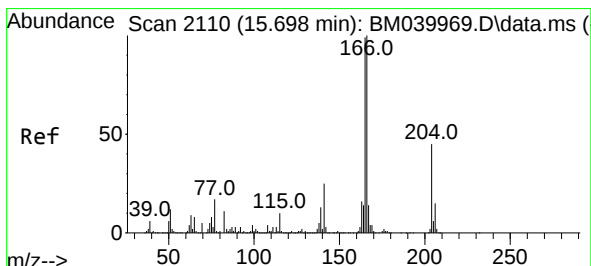
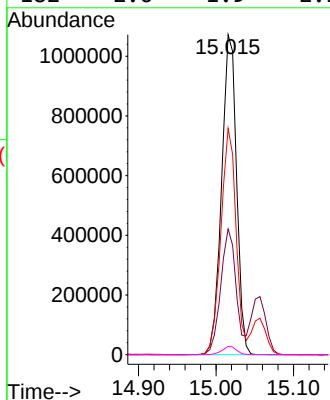
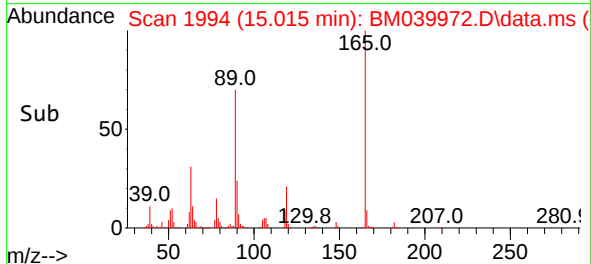
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 1434074
Ion Ratio Lower Upper
165 100
63 39.3 36.2 54.2
89 70.7 63.4 95.0
182 2.6 1.9 2.9

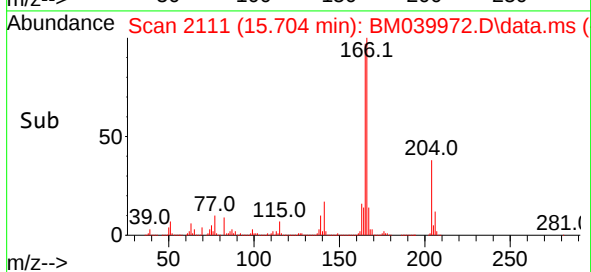
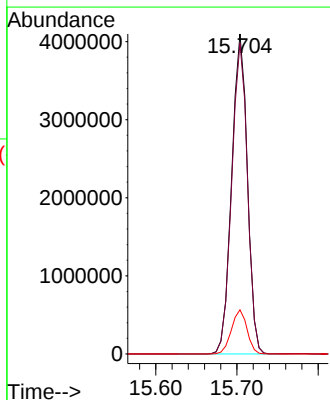
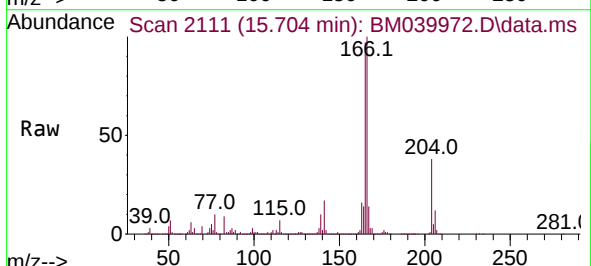
Manual Integrations
APPROVED

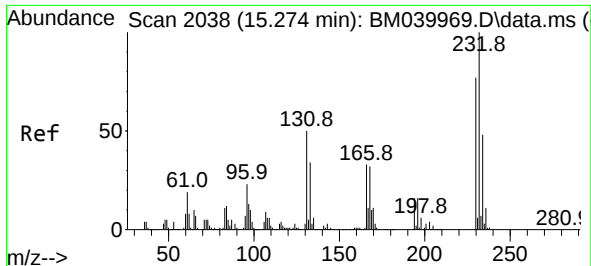
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#58
Fluorene
Concen: 83.148 ng
RT: 15.704 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

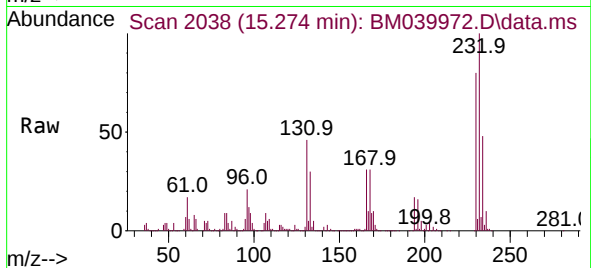
Tgt Ion:166 Resp: 5478149
Ion Ratio Lower Upper
166 100
165 97.1 79.5 119.3
167 13.8 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 90.917 ng
RT: 15.274 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

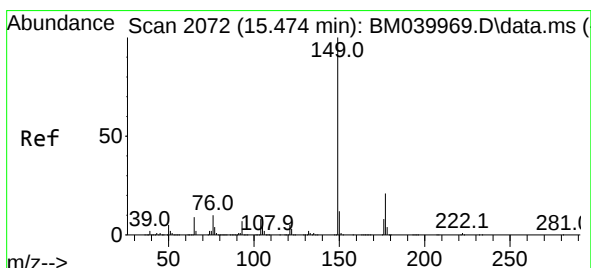
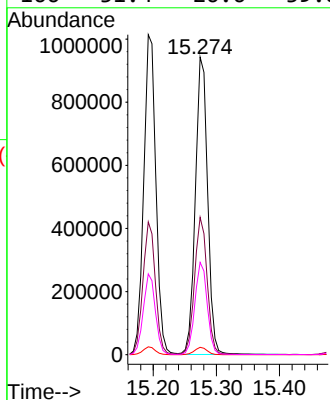
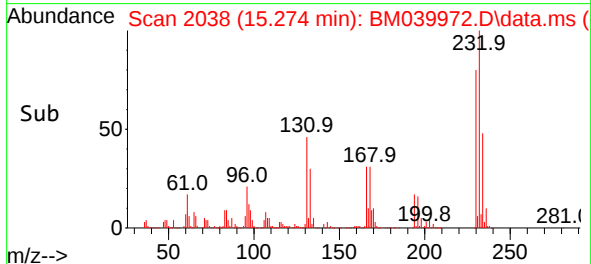
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



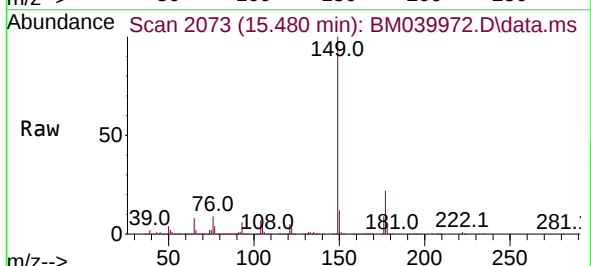
Tgt Ion:232 Resp: 1268861
Ion Ratio Lower Upper
232 100
131 47.4 42.8 64.2
130 2.5 2.3 3.5
166 31.4 26.6 39.8

Manual Integrations
APPROVED

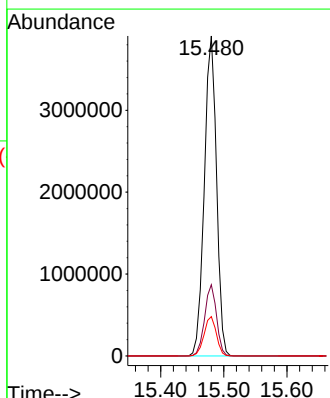
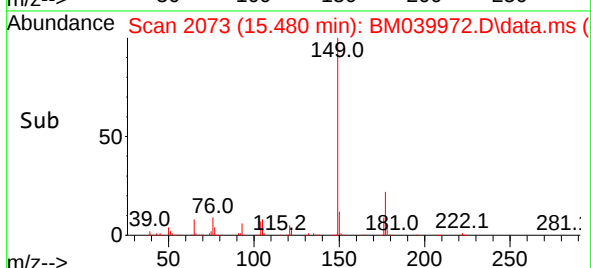
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

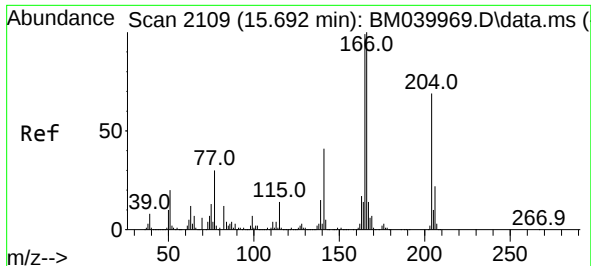


#60
Diethylphthalate
Concen: 85.597 ng
RT: 15.480 min Scan# 2073
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



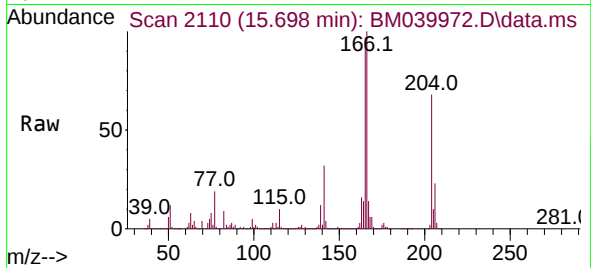
Tgt Ion:149 Resp: 5238321
Ion Ratio Lower Upper
149 100
177 22.3 16.8 25.2
150 12.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 88.248 ng
RT: 15.698 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

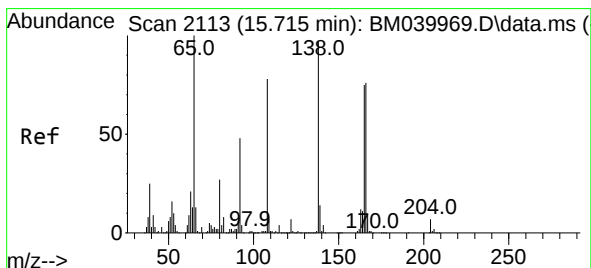
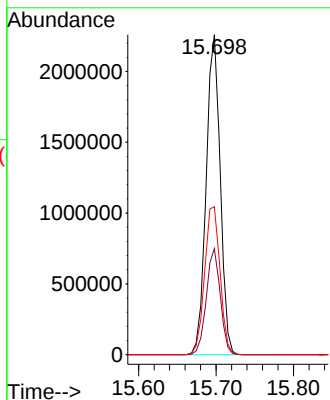
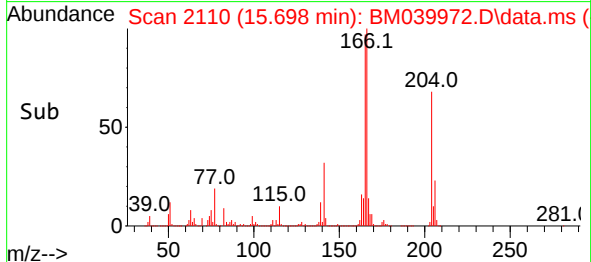
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



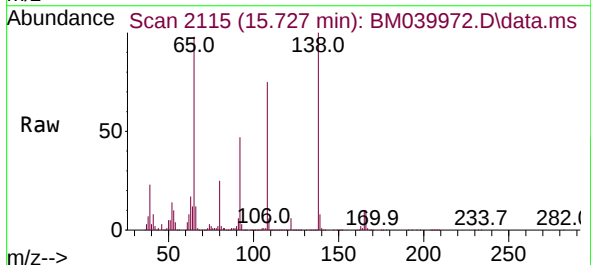
Tgt Ion:204 Resp: 284458
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 46.3 46.9 70.3

Manual Integrations
APPROVED

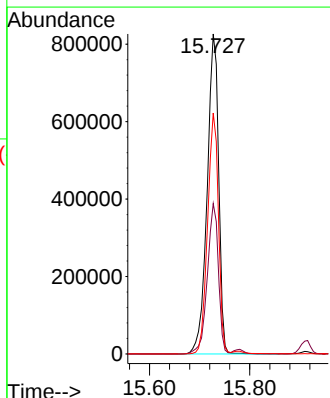
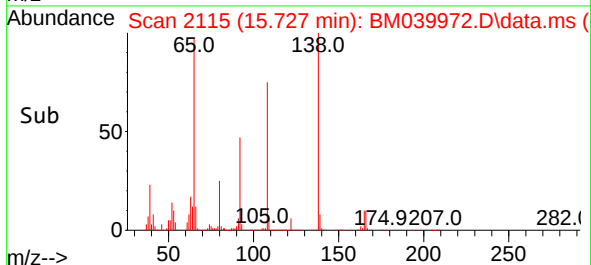
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

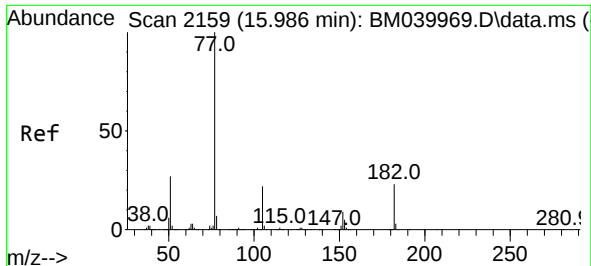


#62
4-Nitroaniline
Concen: 90.434 ng
RT: 15.727 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



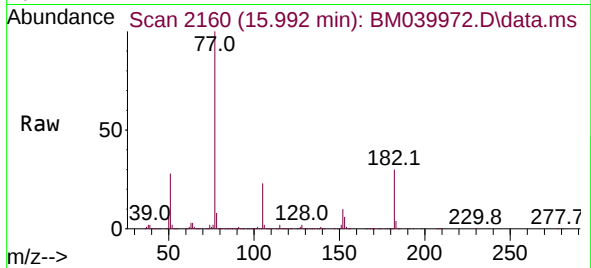
Tgt Ion:138 Resp: 1319610
Ion Ratio Lower Upper
138 100
92 47.0 29.1 69.1
108 75.3 60.0 100.0





#63
Azobenzene
Concen: 76.875 ng
RT: 15.992 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

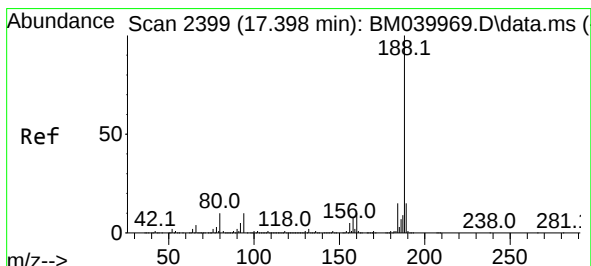
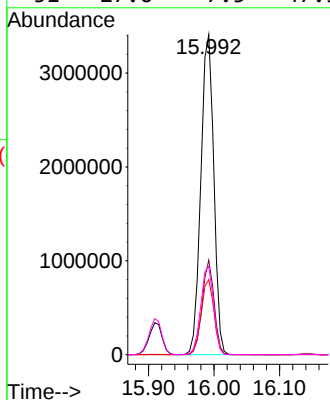
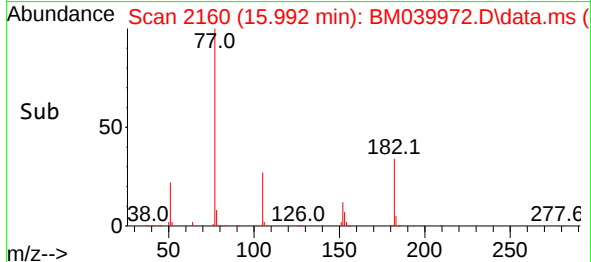
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



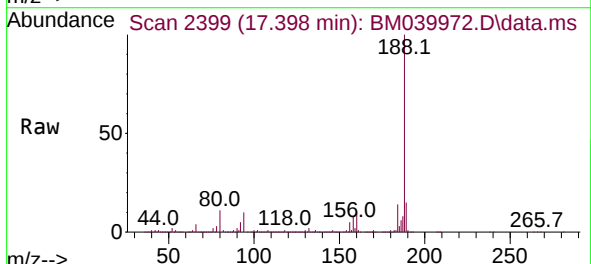
Tgt Ion: 77 Resp: 469041
Ion Ratio Lower Upper
77 100
182 29.6 2.9 42.9
105 23.5 1.5 41.5
51 27.6 7.5 47.5

Manual Integrations
APPROVED

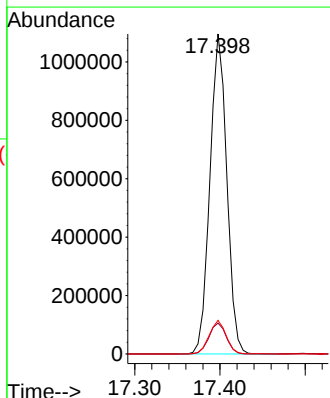
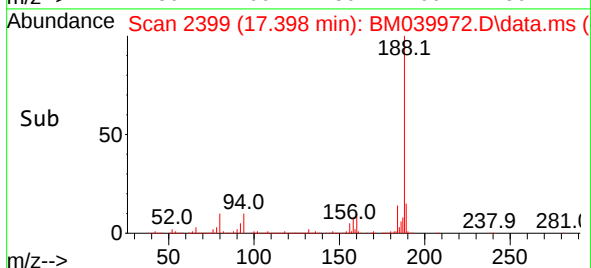
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

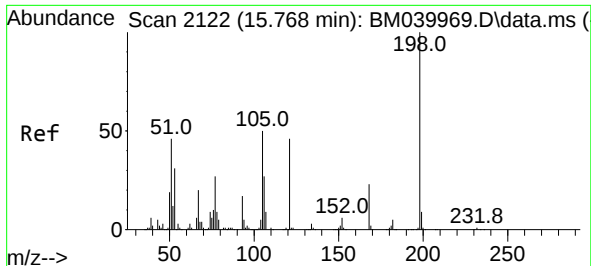


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.398 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion:188 Resp: 1506713
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.5 8.2 12.4





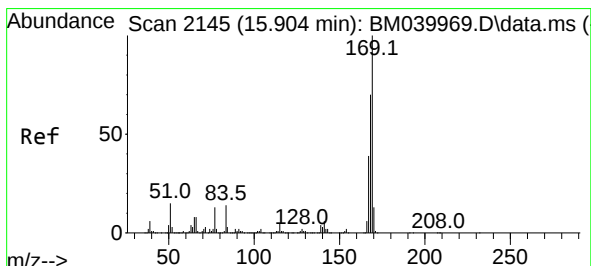
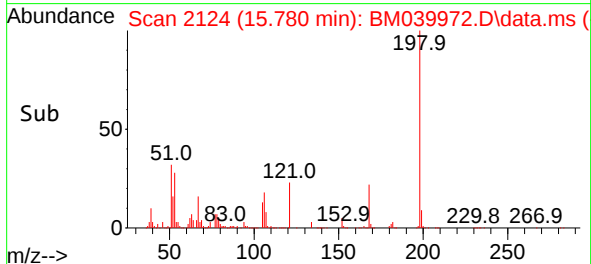
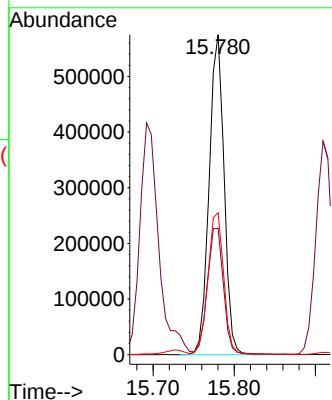
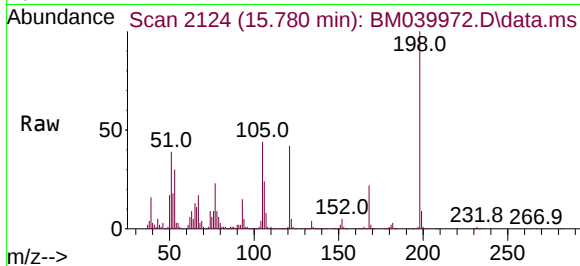
#65
4,6-Dinitro-2-methylphenol
Concen: 81.940 ng
RT: 15.780 min Scan# 2122
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 735531
Ion Ratio Lower Upper
198 100
51 39.5 29.9 69.9
105 44.3 30.4 70.4

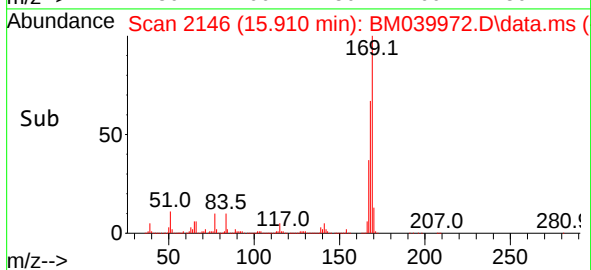
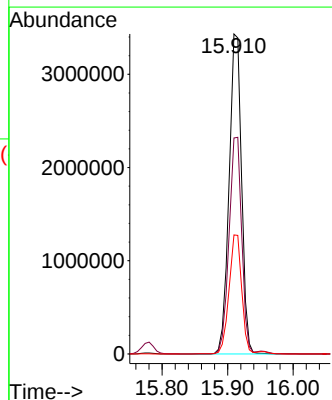
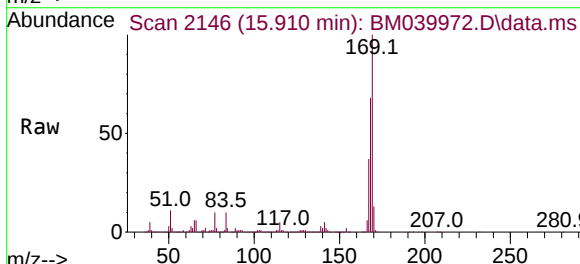
Manual Integrations
APPROVED

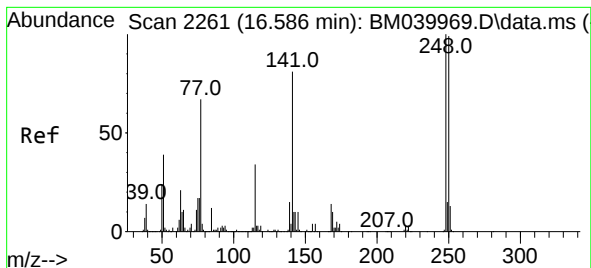
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#66
n-Nitrosodiphenylamine
Concen: 87.425 ng
RT: 15.910 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

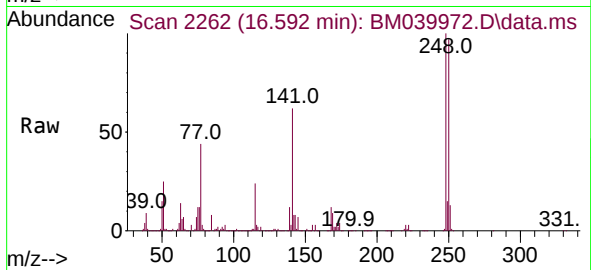
Tgt Ion:169 Resp: 4529904
Ion Ratio Lower Upper
169 100
168 67.5 56.0 84.0
167 37.2 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 93.698 ng
RT: 16.592 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

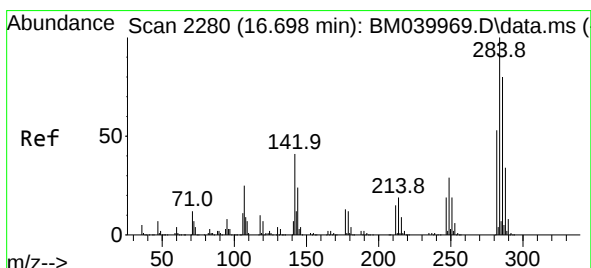
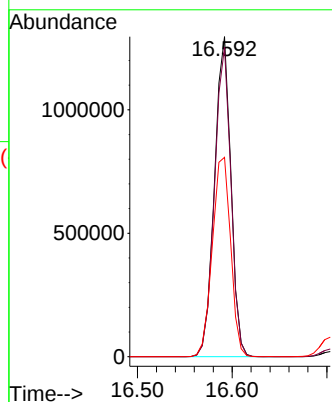
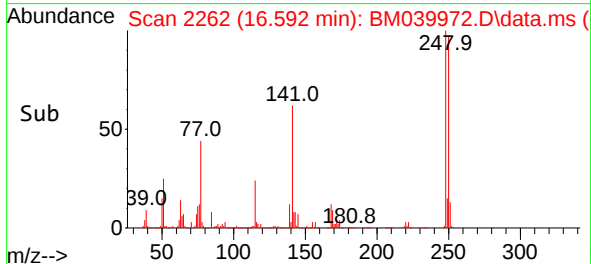
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



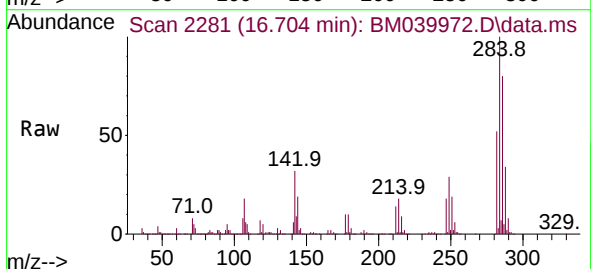
Tgt Ion:248 Resp: 1559919
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.0
141 62.3 64.8 97.2

Manual Integrations
APPROVED

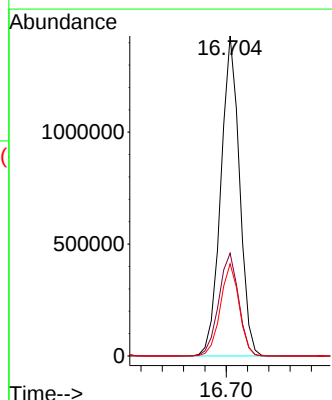
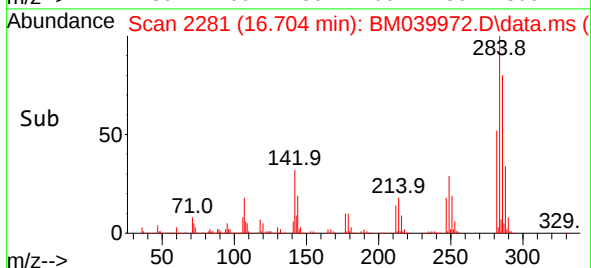
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

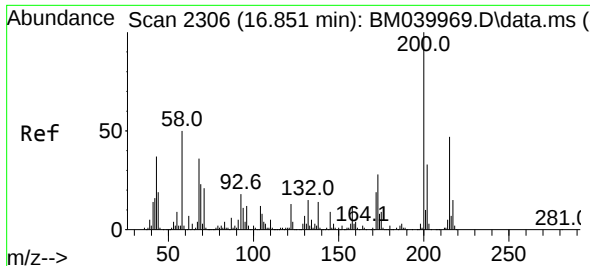


#68
Hexachlorobenzene
Concen: 91.236 ng
RT: 16.704 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



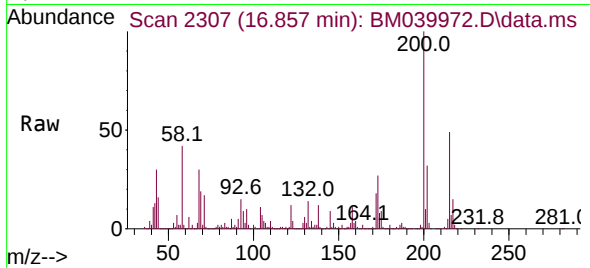
Tgt Ion:284 Resp: 1735811
Ion Ratio Lower Upper
284 100
142 32.1 32.4 48.6#
249 28.8 23.4 35.2





#69
 Atrazine
 Concen: 89.331 ng
 RT: 16.857 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM039972.D
 Acq: 23 May 2023 14:13

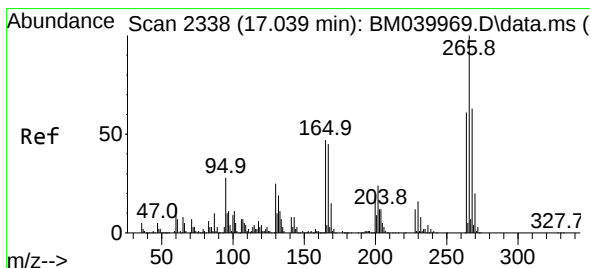
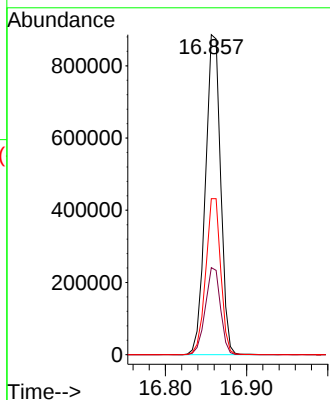
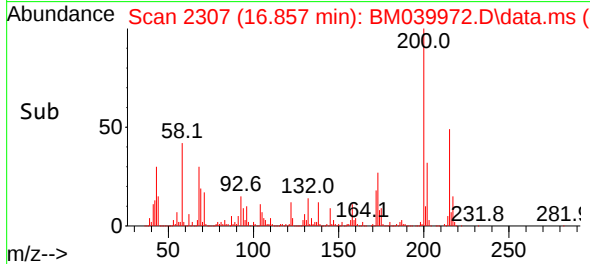
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080



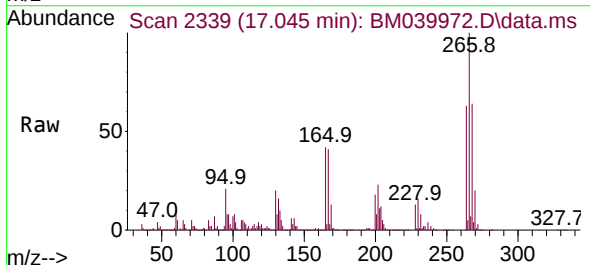
Tgt Ion:200 Resp: 115133
 Ion Ratio Lower Upper
 200 100
 173 27.2 7.7 47.7
 215 48.8 27.5 67.5

Manual Integrations
 APPROVED

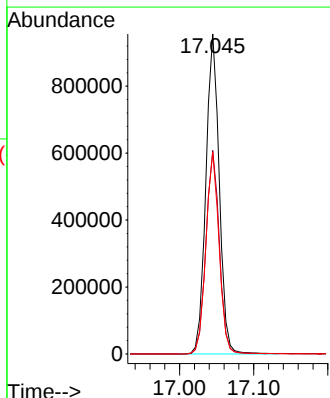
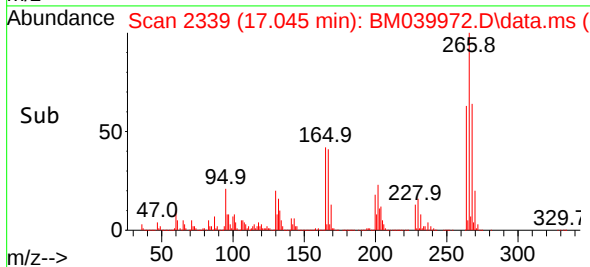
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

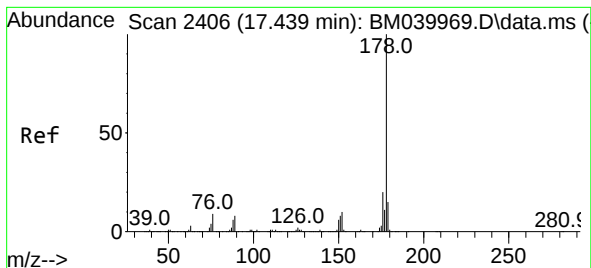


#70
 Pentachlorophenol
 Concen: 95.866 ng
 RT: 17.045 min Scan# 2339
 Delta R.T. 0.006 min
 Lab File: BM039972.D
 Acq: 23 May 2023 14:13



Tgt Ion:266 Resp: 1197314
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.2 75.4
 264 63.0 49.0 73.6





#71

Phenanthrene

Concen: 85.589 ng

RT: 17.445 min Scan# 2406

Delta R.T. 0.006 min

Lab File: BM039972.D

Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 7713570

Ion Ratio Lower Upper

178 100

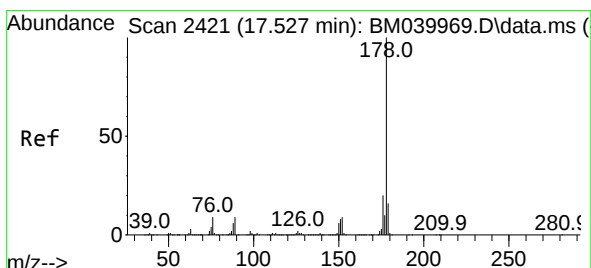
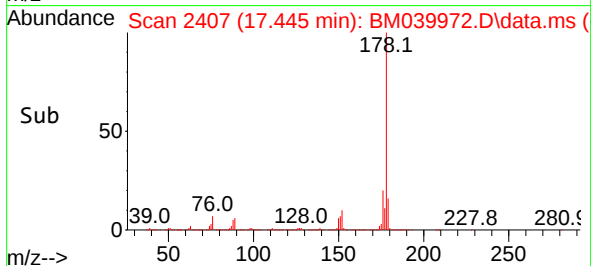
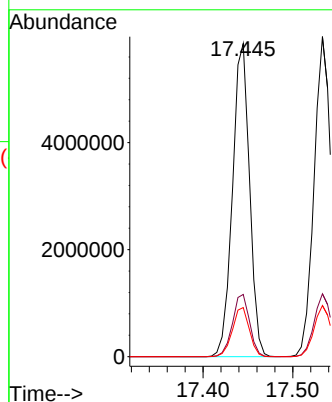
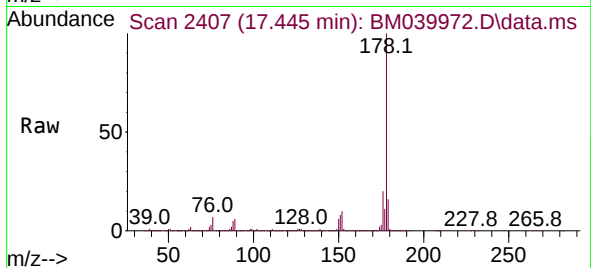
176 19.9 16.2 24.2

179 15.7 12.2 18.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#72

Anthracene

Concen: 89.179 ng

RT: 17.533 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BM039972.D

Acq: 23 May 2023 14:13

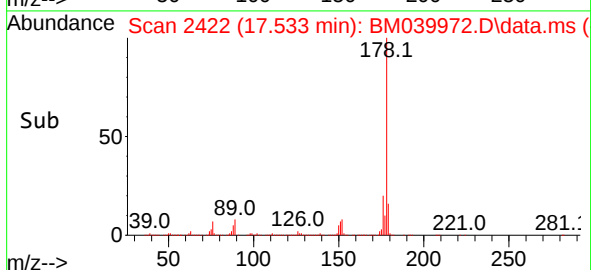
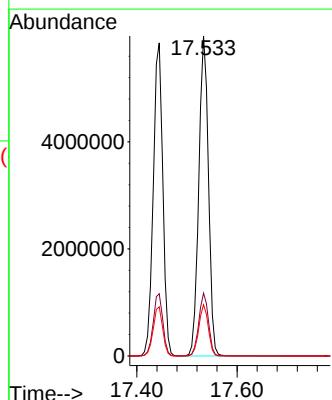
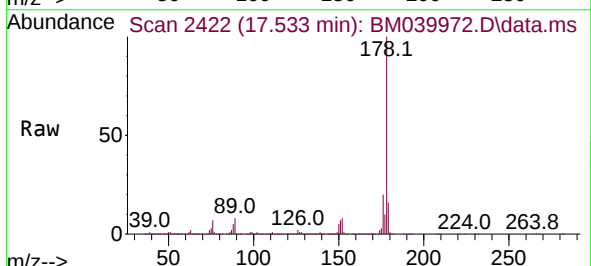
Tgt Ion:178 Resp: 7963092

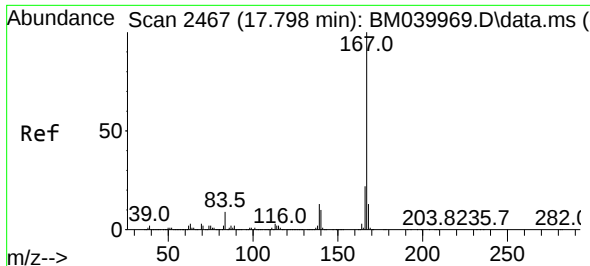
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

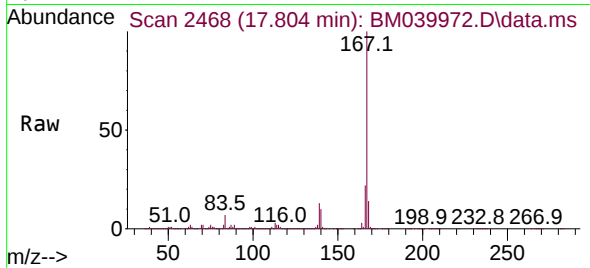
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 87.815 ng
 RT: 17.804 min Scan# 2467
 Delta R.T. 0.006 min
 Lab File: BM039972.D
 Acq: 23 May 2023 14:13

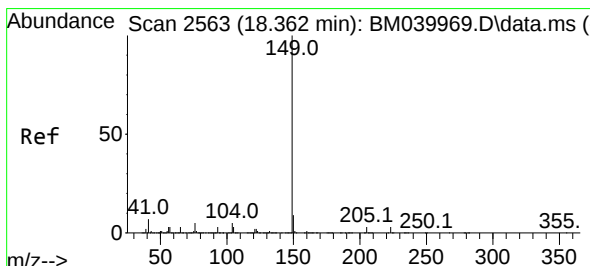
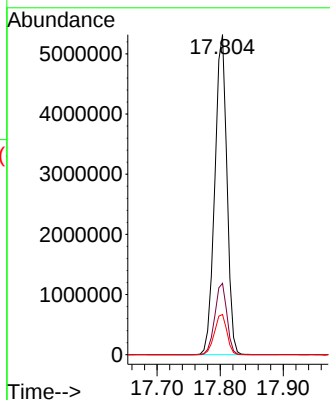
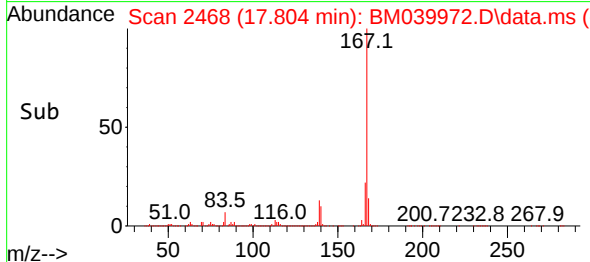
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080



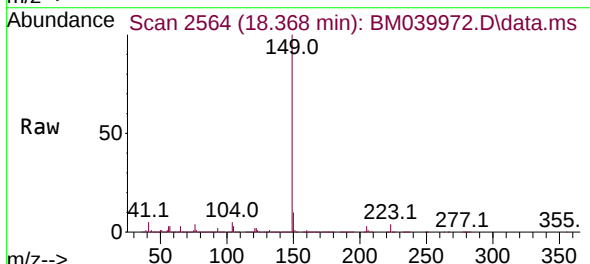
Tgt Ion:167 Resp: 7084285
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 12.6 10.8 16.2

Manual Integrations
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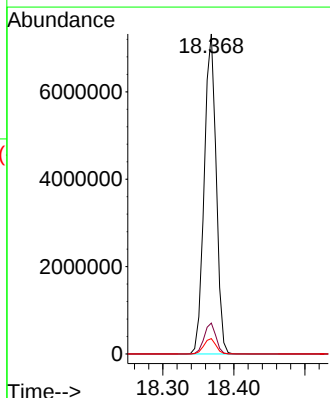
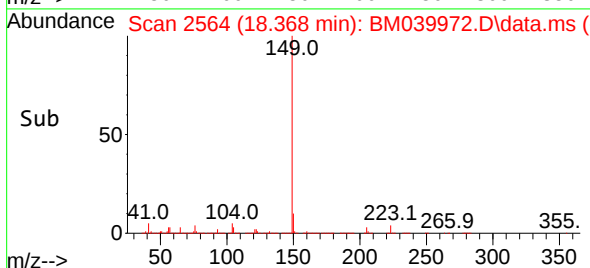
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

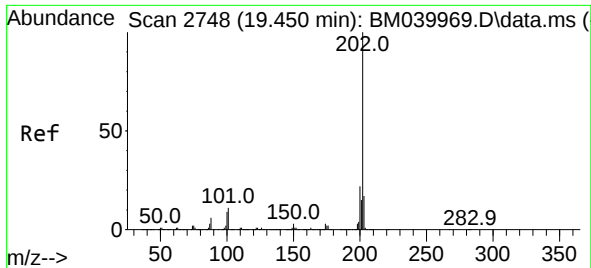


#74
 Di-n-butylphthalate
 Concen: 80.409 ng
 RT: 18.368 min Scan# 2564
 Delta R.T. 0.006 min
 Lab File: BM039972.D
 Acq: 23 May 2023 14:13



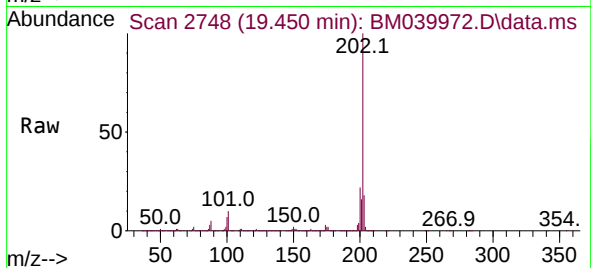
Tgt Ion:149 Resp: 8569254
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 94.205 ng
RT: 19.450 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

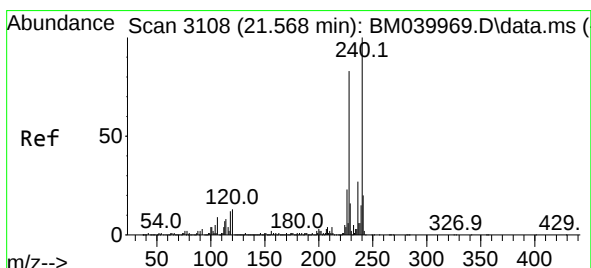
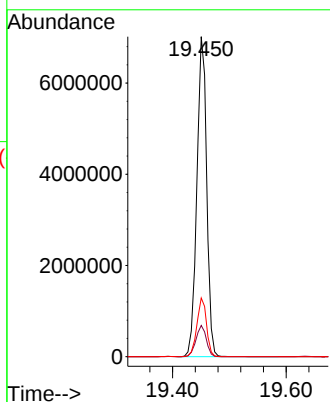
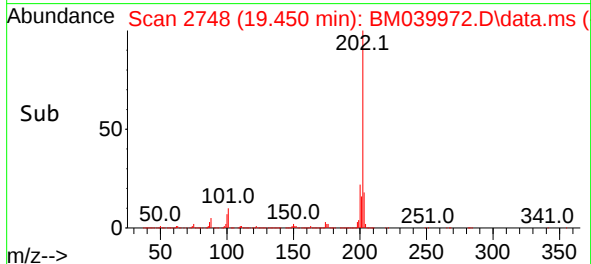
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



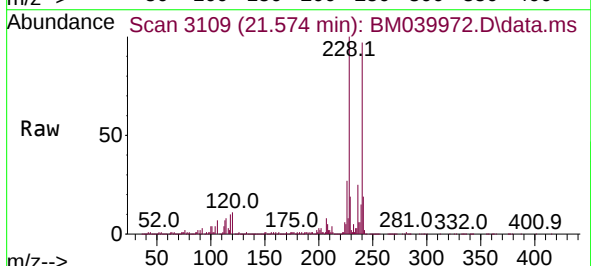
Tgt Ion:202 Resp: 846182
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.3
203 18.3 0.0 37.5

Manual Integrations
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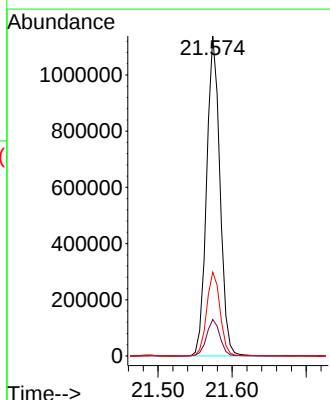
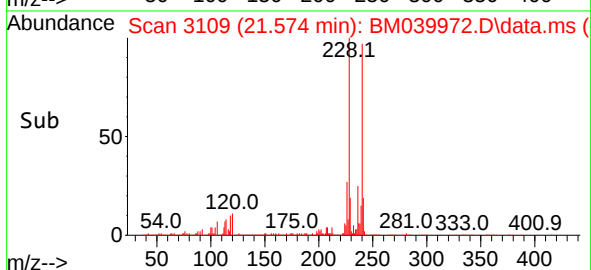
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

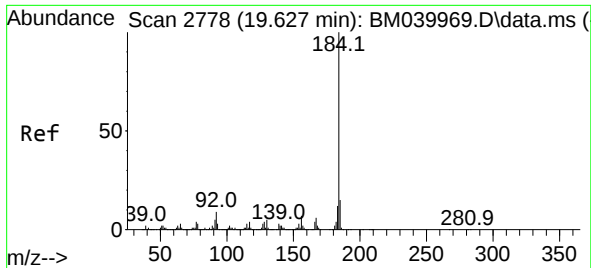


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



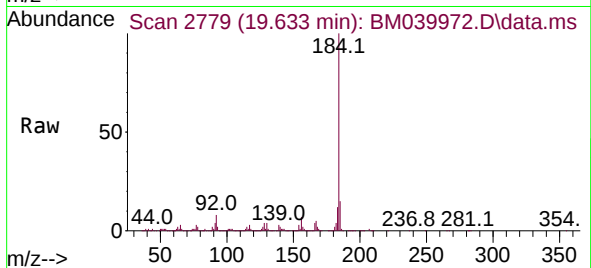
Tgt Ion:240 Resp: 1420127
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 26.2 21.3 31.9





#77
Benzidine
Concen: 70.323 ng
RT: 19.633 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

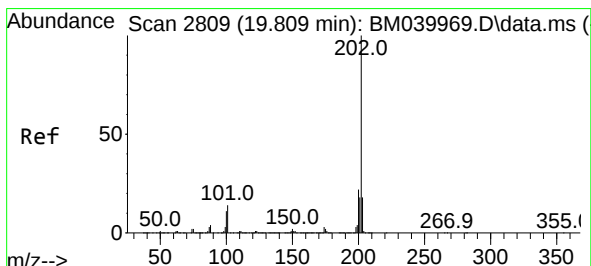
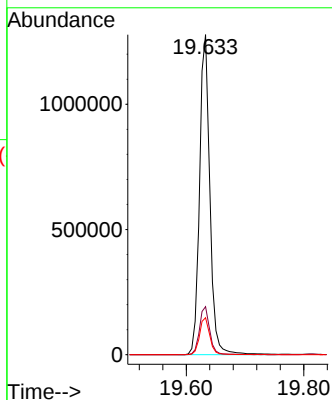
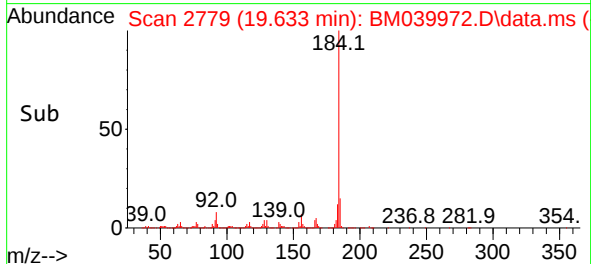
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



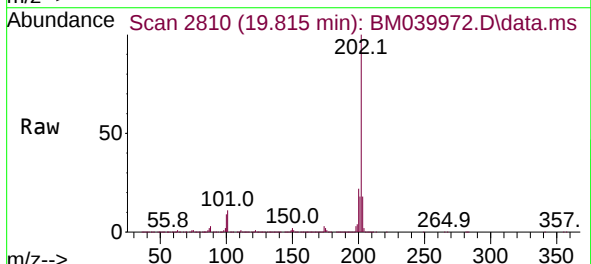
Tgt Ion:184 Resp: 1550840
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.6 9.2 13.8

Manual Integrations
APPROVED

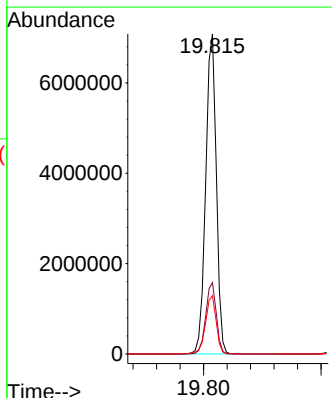
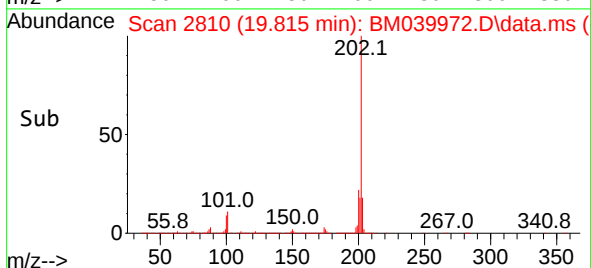
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

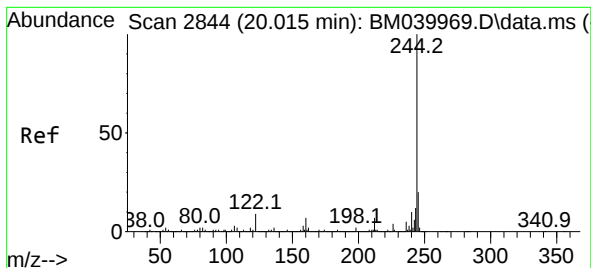


#78
Pyrene
Concen: 85.522 ng
RT: 19.815 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion:202 Resp: 8911995
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 140.354 ng

RT: 20.009 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039972.D

Acq: 23 May 2023 14:13

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp:12837029

Ion Ratio Lower Upper

244 100

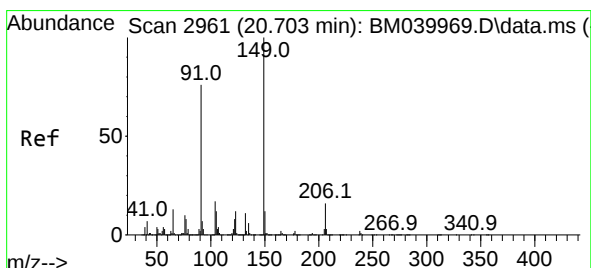
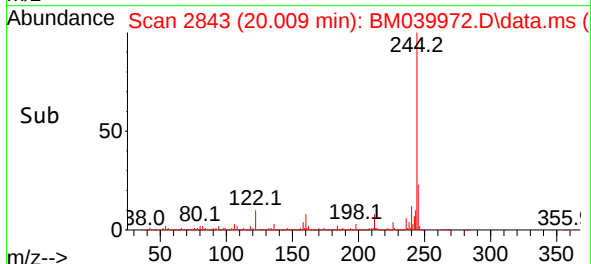
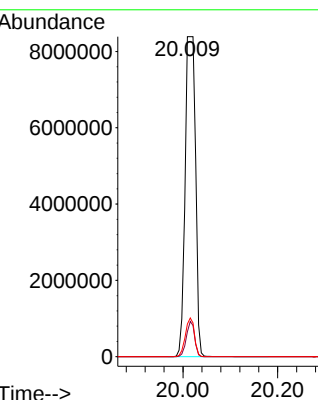
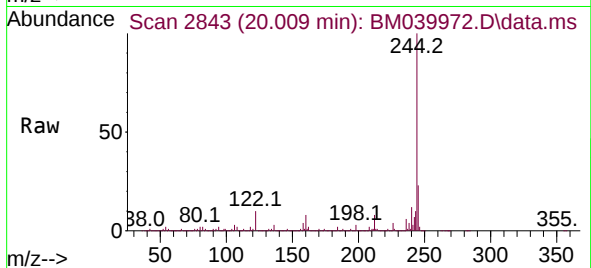
212 7.8 5.4 8.0

122 10.2 7.1 10.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#80

Butylbenzylphthalate

Concen: 80.502 ng

RT: 20.709 min Scan# 2962

Delta R.T. 0.006 min

Lab File: BM039972.D

Acq: 23 May 2023 14:13

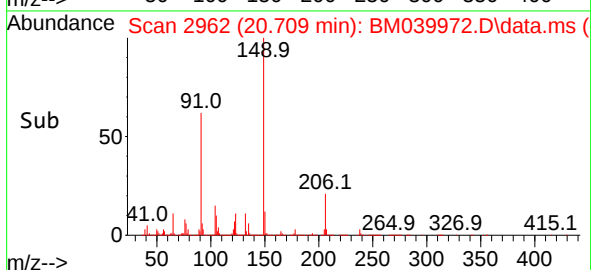
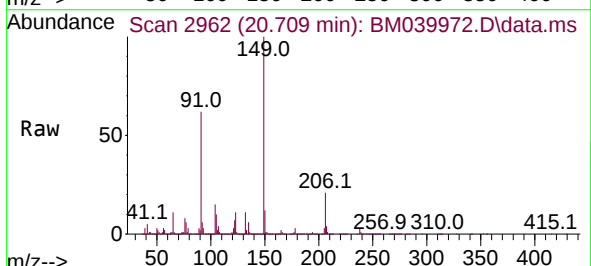
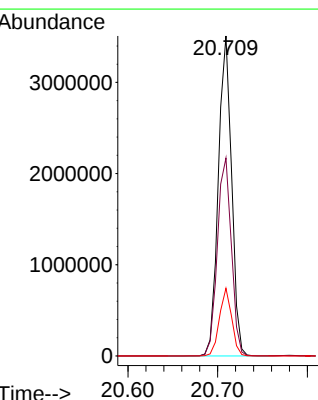
Tgt Ion:149 Resp: 3605739

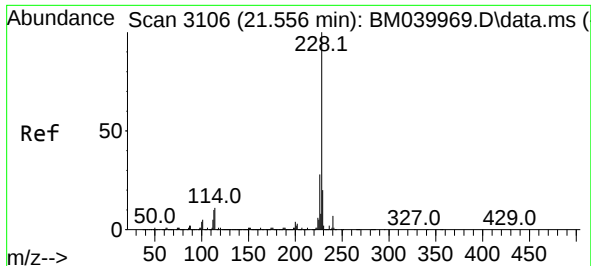
Ion Ratio Lower Upper

149 100

91 61.9 61.0 91.4

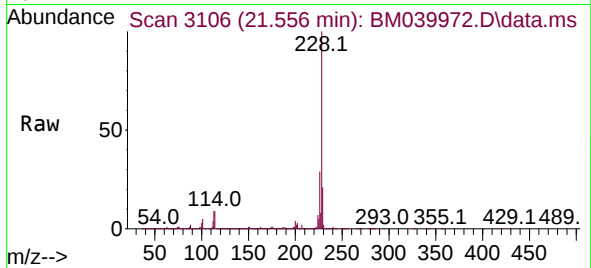
206 21.1 12.7 19.1#





#81
Benzo(a)anthracene
Concen: 87.117 ng
RT: 21.556 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

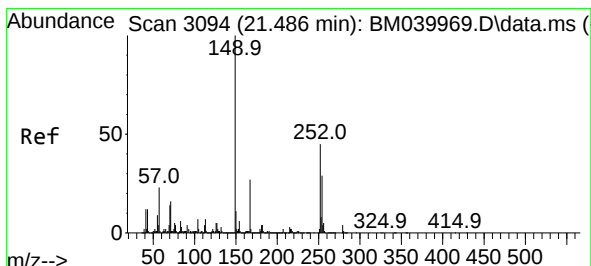
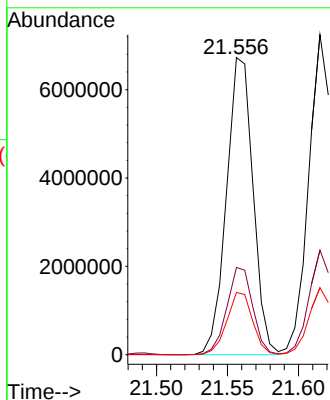
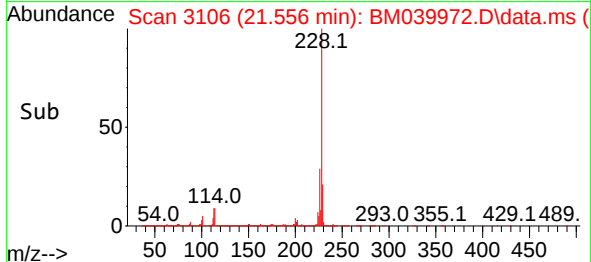
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



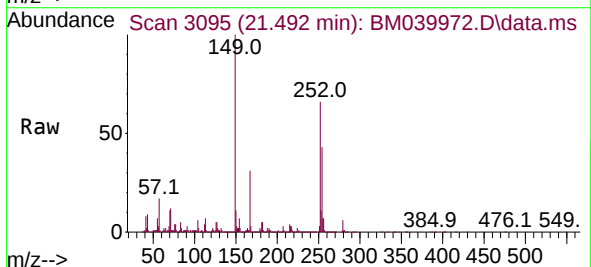
Tgt Ion:228 Resp: 8758170
Ion Ratio Lower Upper
228 100
226 29.3 22.2 33.4
229 21.0 15.8 23.6

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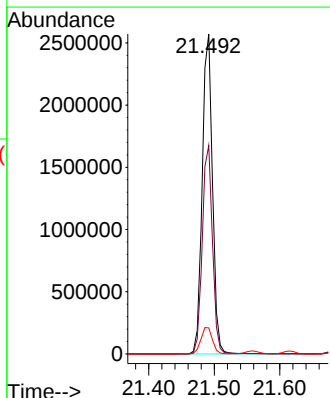
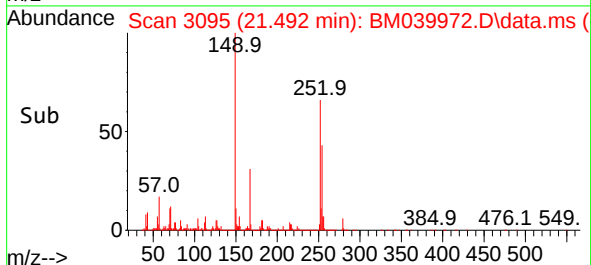
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

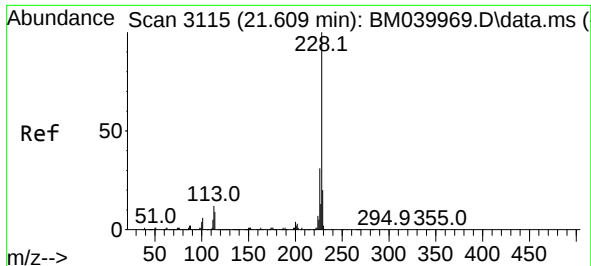


#82
3,3'-Dichlorobenzidine
Concen: 93.080 ng
RT: 21.492 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



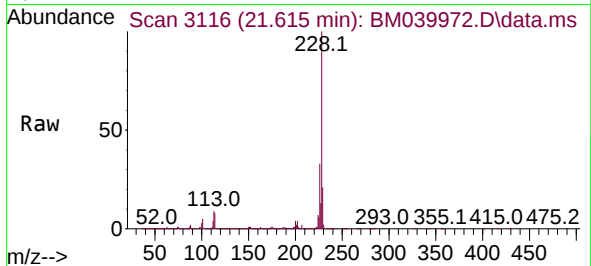
Tgt Ion:252 Resp: 2795281
Ion Ratio Lower Upper
252 100
254 65.1 51.8 77.6
126 8.2 8.7 13.1#





#83
Chrysene
Concen: 86.700 ng
RT: 21.615 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

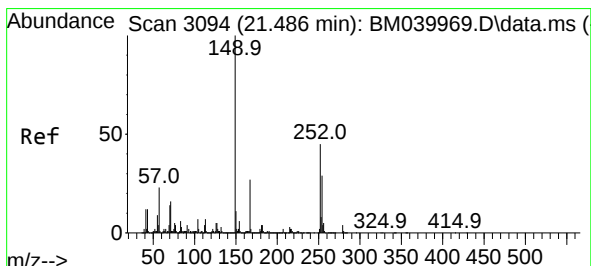
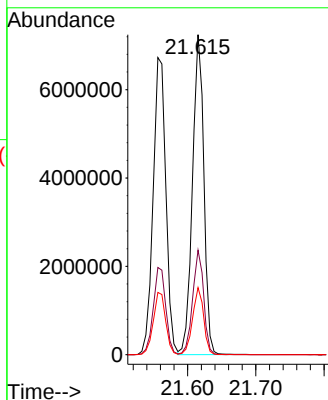
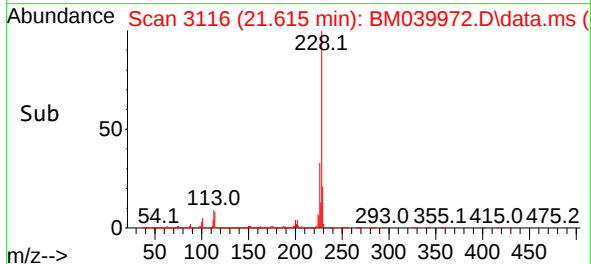
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



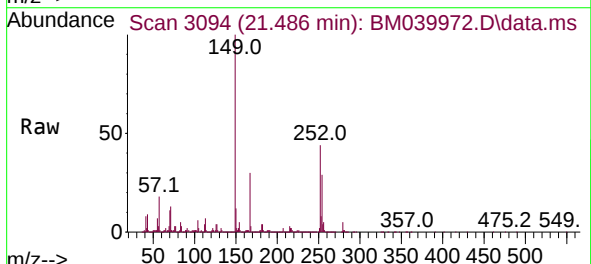
Tgt Ion:228 Resp: 836310
Ion Ratio Lower Upper
228 100
226 32.7 24.5 36.7
229 20.9 15.9 23.9

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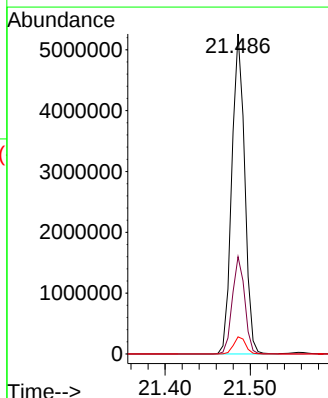
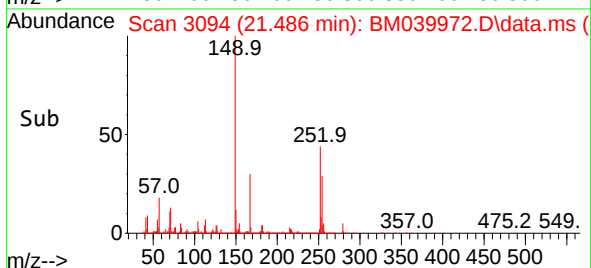
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

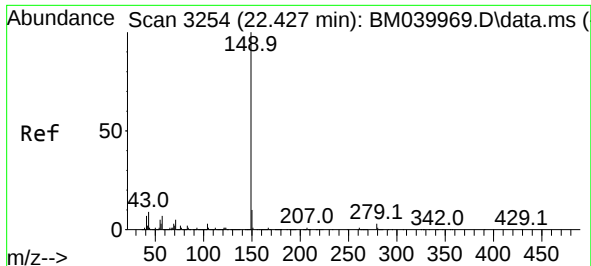


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.224 ng
RT: 21.486 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



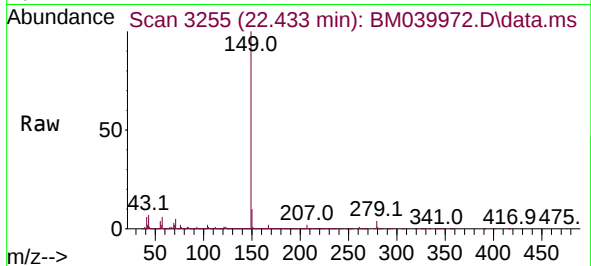
Tgt Ion:149 Resp: 5509075
Ion Ratio Lower Upper
149 100
167 30.4 21.4 32.2
279 5.4 3.3 4.9#





#85
Di-n-octyl phthalate
Concen: 80.480 ng
RT: 22.433 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

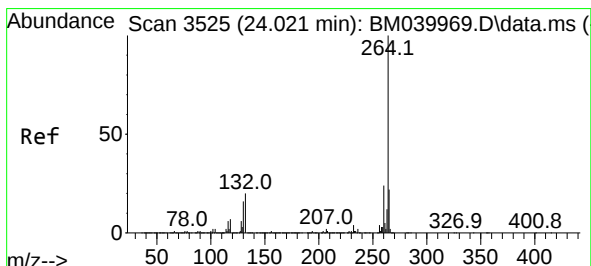
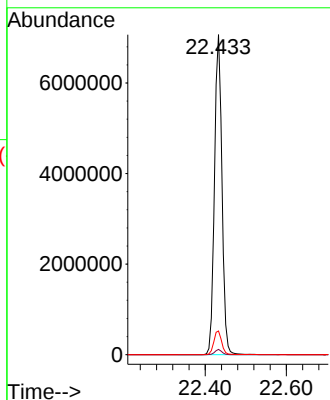
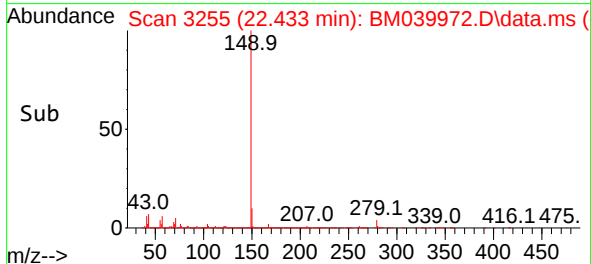
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 8982659
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 7.8 7.4 11.0

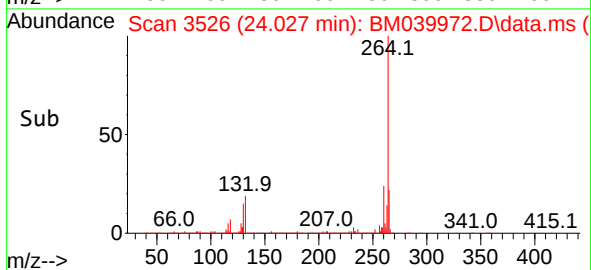
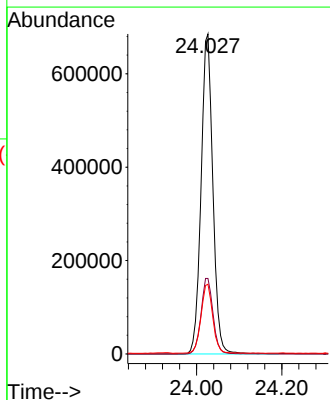
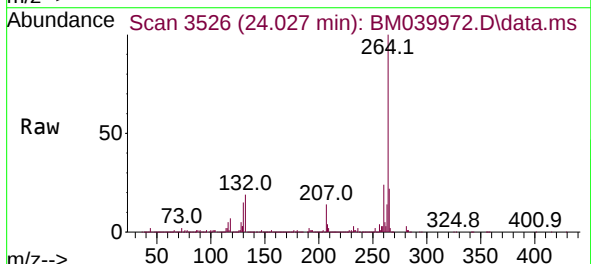
Manual Integrations
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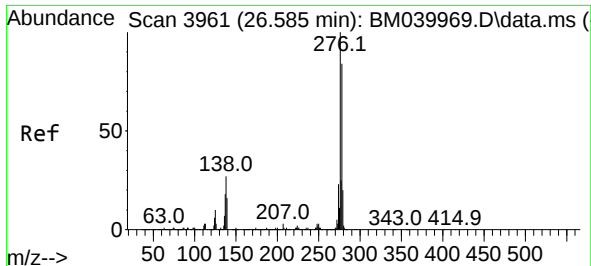
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Tgt Ion:264 Resp: 1315116
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.8 17.7 26.5





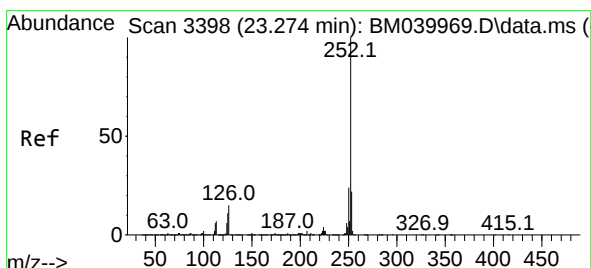
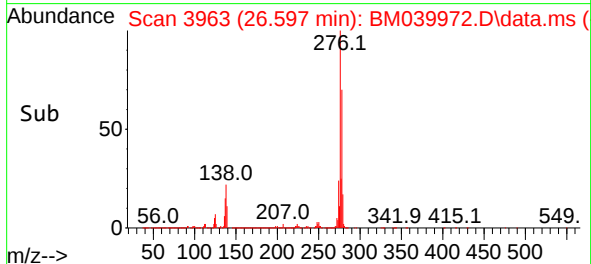
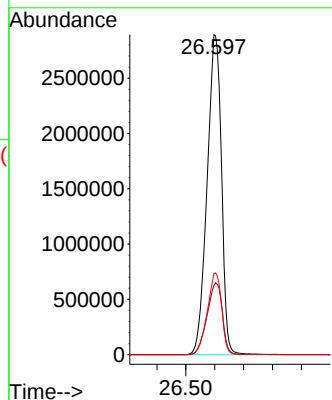
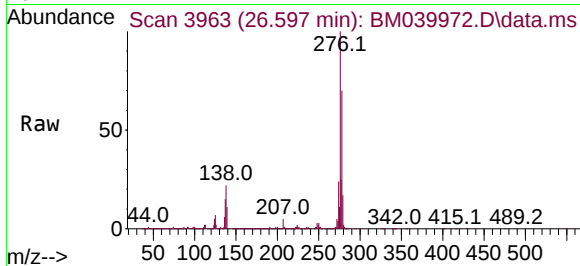
#87
Indeno(1,2,3-cd)pyrene
Concen: 95.489 ng
RT: 26.597 min Scan# 3963
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 998653
Ion Ratio Lower Upper
276 100
138 24.1 23.2 34.8
277 25.4 20.2 30.4

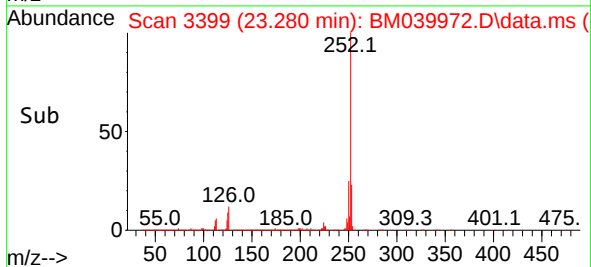
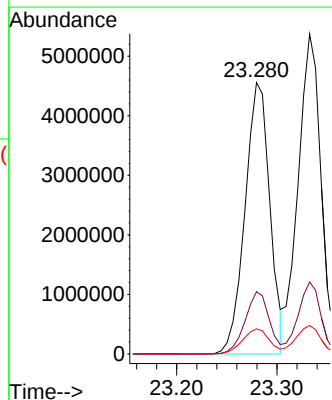
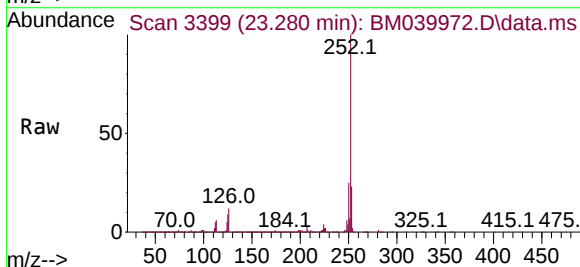
Manual Integrations
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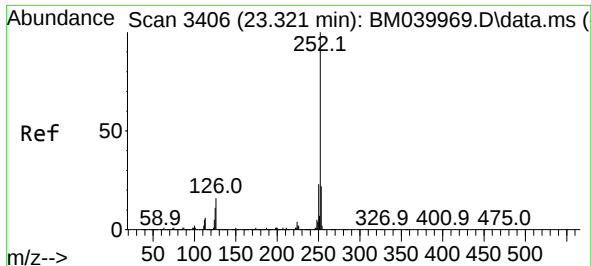
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#88
Benzo(b)fluoranthene
Concen: 92.832 ng
RT: 23.280 min Scan# 3399
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Tgt Ion:252 Resp: 7816360
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.2 8.9 13.3





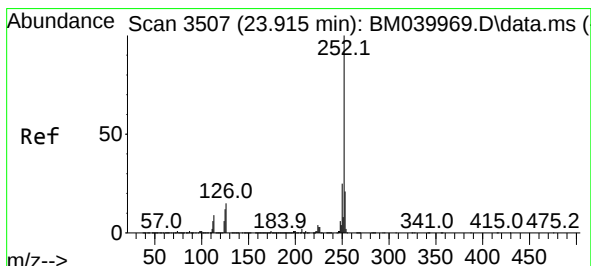
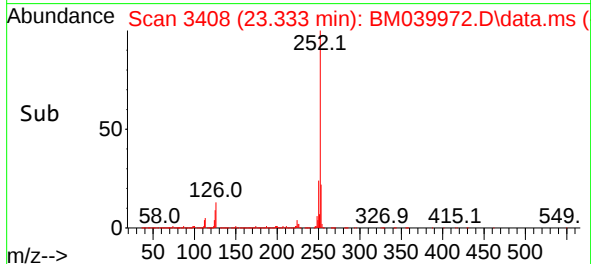
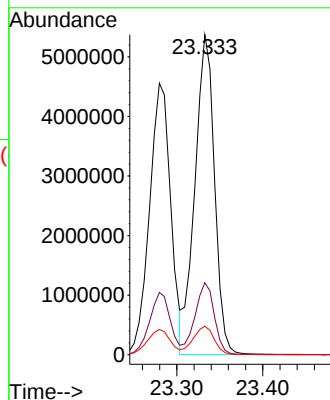
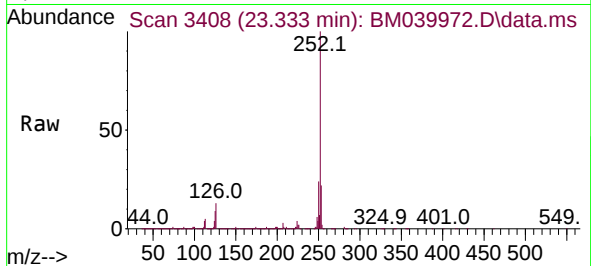
#89
Benzo(k)fluoranthene
Concen: 92.283 ng m
RT: 23.333 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 849738
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.9 9.0 13.4

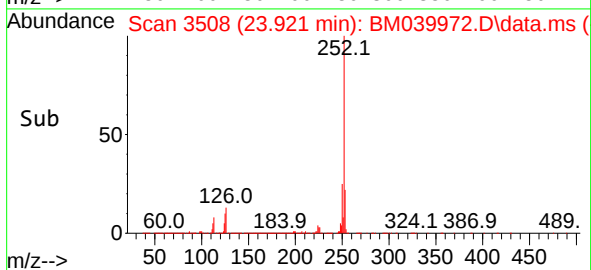
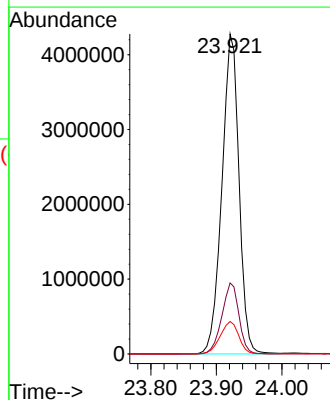
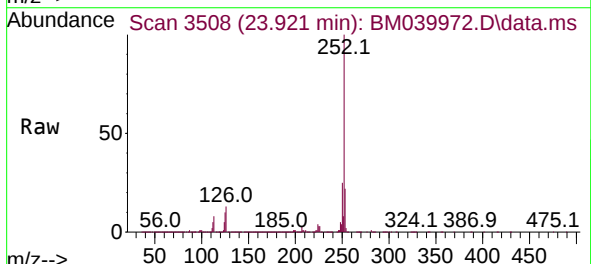
Manual Integrations
APPROVED

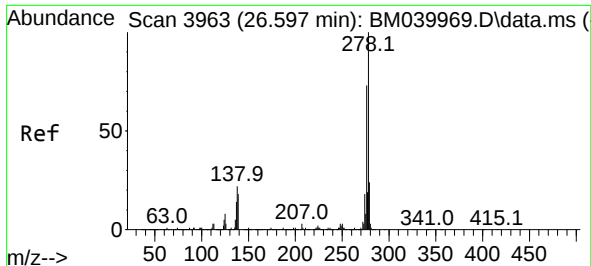
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023



#90
Benzo(a)pyrene
Concen: 95.564 ng
RT: 23.921 min Scan# 3508
Delta R.T. 0.006 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

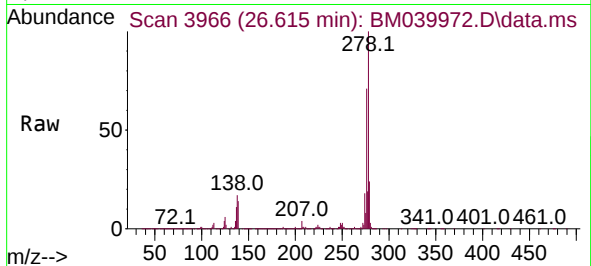
Tgt Ion:252 Resp: 7716566
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 10.2 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 96.972 ng
RT: 26.615 min Scan# 3966
Delta R.T. 0.018 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13

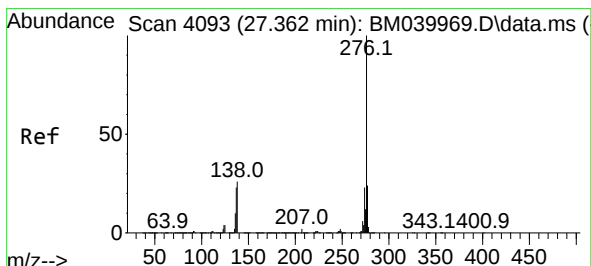
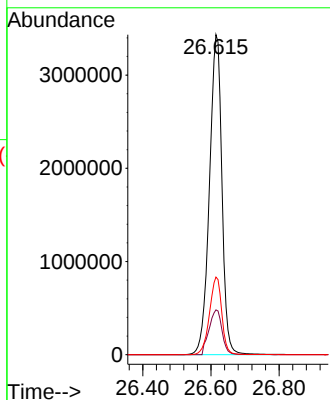
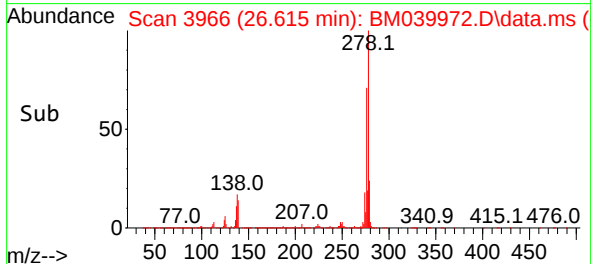
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



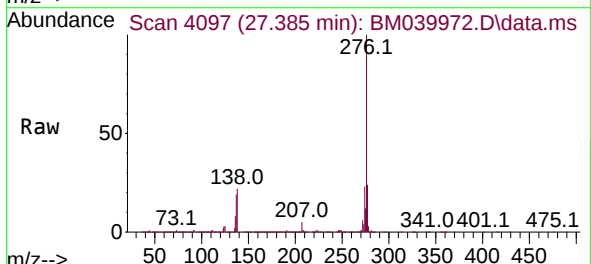
Tgt Ion: 278 Resp: 875565
Ion Ratio Lower Upper
278 100
139 14.0 14.0 21.0
279 24.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/24/2023
Supervised By : mohammad ahmed 05/24/2023



#92
Benzo(g,h,i)perylene
Concen: 92.087 ng
RT: 27.385 min Scan# 4097
Delta R.T. 0.024 min
Lab File: BM039972.D
Acq: 23 May 2023 14:13



Tgt Ion: 276 Resp: 7348585
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 21.7 20.6 31.0

