

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044086.D
 Acq On : 14 Feb 2024 17:13
 Operator : MA/JU
 Sample : P1423-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3MS

Quant Time: Feb 14 17:58:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	485632	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2038598	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1079909	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1946125	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1253127	20.000	ng	0.00
86) Perylene-d12	23.897	264	1388830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4651478	139.308	ng	0.00
7) Phenol-d6	7.081	99	5438766	128.021	ng	0.00
23) Nitrobenzene-d5	9.081	82	3572803	92.998	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1301286	111.293	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6982381	91.252	ng	0.00
79) Terphenyl-d14	19.939	244	7121076	99.619	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	529339	39.946	ng	# 32
3) Pyridine	3.799	79	1318896	37.699	ng	99
4) n-Nitrosodimethylamine	3.710	42	679656	51.202	ng	97
6) Aniline	7.240	93	913737	21.875	ng	98
8) 2-Chlorophenol	7.469	128	1807790	51.847	ng	99
9) Benzaldehyde	7.051	77	199303	9.129	ng	98
10) Phenol	7.104	94	2021523	47.148	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	1738019	48.951	ng	100
12) 1,3-Dichlorobenzene	7.792	146	1633047	41.251	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1661226	41.630	ng	99
14) 1,2-Dichlorobenzene	8.251	146	1628967	42.841	ng	98
15) Benzyl Alcohol	8.157	79	1473900m	53.283	ng	
16) 2,2'-oxybis(1-Chloropr...	8.434	45	2134813	47.429	ng	99
17) 2-Methylphenol	8.351	107	1438483	51.110	ng	98
18) Hexachloroethane	8.975	117	624760	41.814	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	1302196	49.918	ng	99
20) 3+4-Methylphenols	8.687	107	1943938	50.183	ng	100
22) Acetophenone	8.739	105	2549086	49.262	ng	# 100
24) Nitrobenzene	9.122	77	1829081	46.493	ng	99
25) Isophorone	9.645	82	3583836	48.446	ng	99
26) 2-Nitrophenol	9.822	139	896641	49.158	ng	99
27) 2,4-Dimethylphenol	9.886	122	1336874	57.320	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	2346893	49.055	ng	100
29) 2,4-Dichlorophenol	10.357	162	1580247	51.463	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	1470731	42.595	ng	98
31) Naphthalene	10.757	128	5001479	44.452	ng	99
32) Benzoic acid	9.963	122	149083m	6.346	ng	
33) 4-Chloroaniline	10.881	127	294177	6.905	ng	99
34) Hexachlorobutadiene	11.028	225	774306	39.179	ng	99
35) Caprolactam	11.680	113	378616	38.317	ng	98
36) 4-Chloro-3-methylphenol	12.004	107	1646939	49.532	ng	99
37) 2-Methylnaphthalene	12.369	142	3379078	45.087	ng	98
38) 1-Methylnaphthalene	12.586	142	3224582	43.786	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	1517730	48.352	ng	99
41) Hexachlorocyclopentadiene	12.704	237	1474240	107.619	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	1090978	51.071	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1134228	48.383	ng	# 94
46) 1,1'-Biphenyl	13.386	154	4251173	49.889	ng	100
47) 2-Chloronaphthalene	13.427	162	3275126	48.520	ng	100
48) 2-Nitroaniline	13.639	65	1018128	53.615	ng	96
49) Acenaphthylene	14.274	152	5279239	52.424	ng	100
50) Dimethylphthalate	14.021	163	3952756	49.367	ng	99
51) 2,6-Dinitrotoluene	14.139	165	844318	47.795	ng	94
52) Acenaphthene	14.610	154	3023407	48.510	ng	100
53) 3-Nitroaniline	14.469	138	501757	26.429	ng	96
54) 2,4-Dinitrophenol	14.674	184	31459	8.347	ng	94
55) Dibenzofuran	14.951	168	4642798	48.129	ng	99
56) 4-Nitrophenol	14.780	139	1067737	69.185	ng	98
57) 2,4-Dinitrotoluene	14.927	165	1099460	47.619	ng	99
58) Fluorene	15.598	166	3557922	47.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	738950	40.171	ng	98
60) Diethylphthalate	15.386	149	3992396	48.247	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	1675153	46.378	ng	97
62) 4-Nitroaniline	15.633	138	847400	44.342	ng	100
63) Azobenzene	15.892	77	4059015	52.282	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	53224	4.590	ng	98
66) n-Nitrosodiphenylamine	15.815	169	3185518	53.877	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	978393	50.849	ng	100
68) Hexachlorobenzene	16.592	284	1086548	46.099	ng	95
69) Atrazine	16.774	200	952981	59.525	ng	99
70) Pentachlorophenol	16.957	266	328261	21.409	ng	99
71) Phenanthrene	17.345	178	5251979	51.105	ng	100
72) Anthracene	17.433	178	5309793	52.190	ng	99
73) Carbazole	17.709	167	4688978	47.390	ng	99
74) Di-n-butylphthalate	18.286	149	6519694	50.694	ng	100
75) Fluoranthene	19.362	202	5213606	45.163	ng	99
77) Benzidine	19.562	184	1178816	60.533	ng	99
78) Pyrene	19.727	202	5342336	55.355	ng	100
80) Butylbenzylphthalate	20.650	149	2553620	59.526	ng	98
81) Benzo(a)anthracene	21.486	228	4566779	52.391	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1149558	40.194	ng	99
83) Chrysene	21.539	228	4235493	51.431	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	3636337	57.449	ng	99
85) Di-n-octyl phthalate	22.374	149	6249611	56.535	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.385	276	5417855	55.117	ng	98
88) Benzo(b)fluoranthene	23.174	252	4590459	52.875	ng	99
89) Benzo(k)fluoranthene	23.221	252	4203939	50.960	ng	99
90) Benzo(a)pyrene	23.791	252	4063506	53.586	ng	99
91) Dibenzo(a,h)anthracene	26.409	278	4465583	54.312	ng	99
92) Benzo(g,h,i)perylene	27.144	276	4358504	52.268	ng	98

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

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Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 02/15/2024

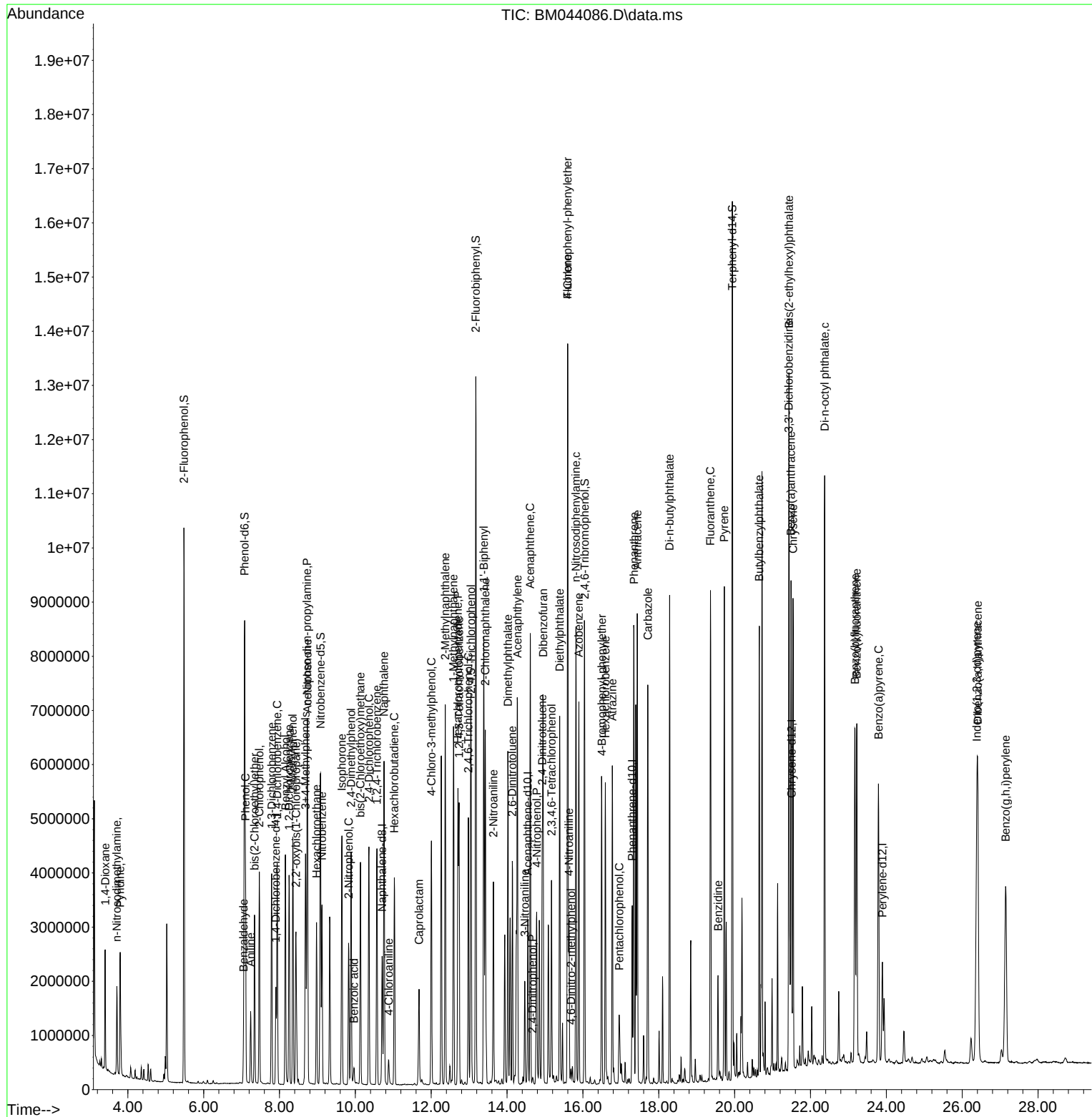
Quant Time: Feb 14 17:58:18 2024

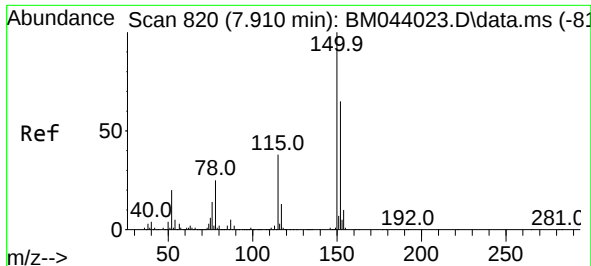
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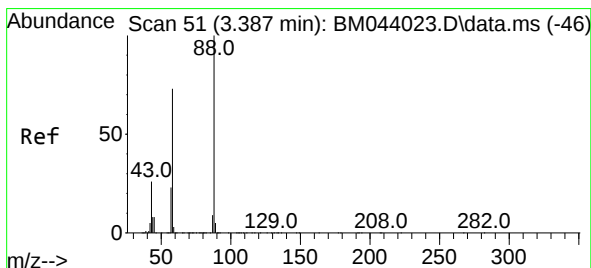
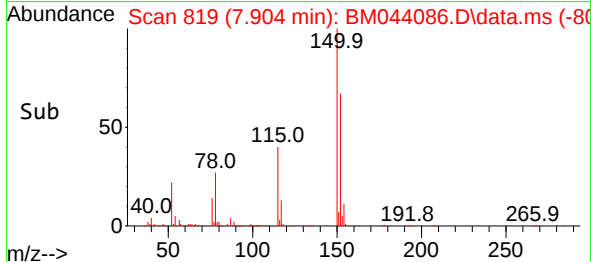
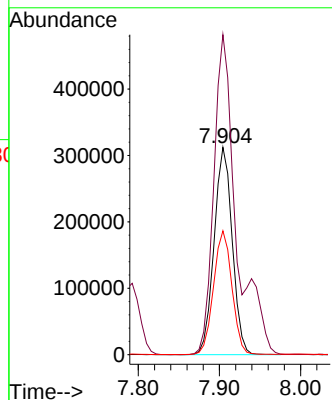
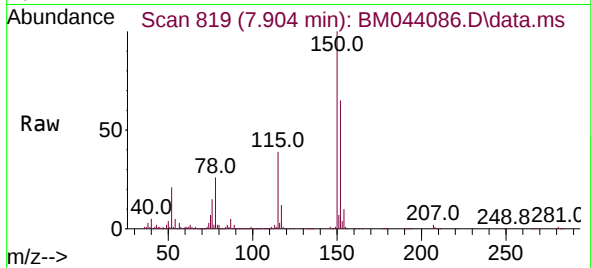
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Instrument :
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ClientSampleId :
TP-3MS

Tgt Ion:152 Resp: 48563
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 59.7 47.0 70.6

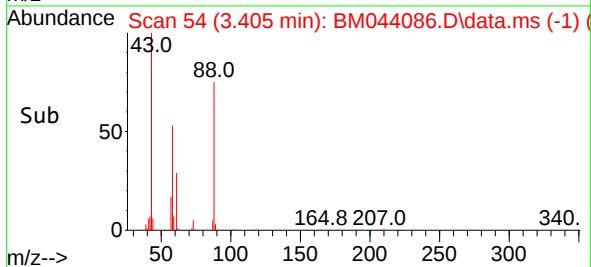
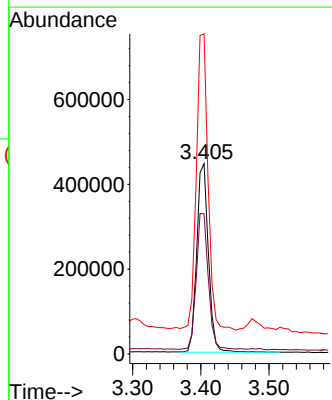
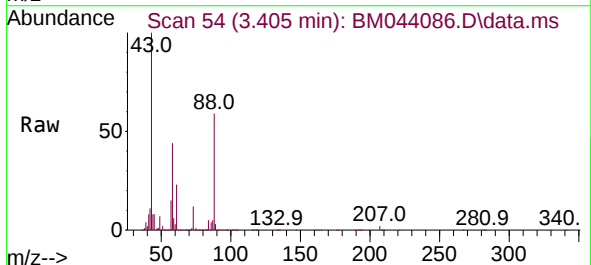
Manual Integrations
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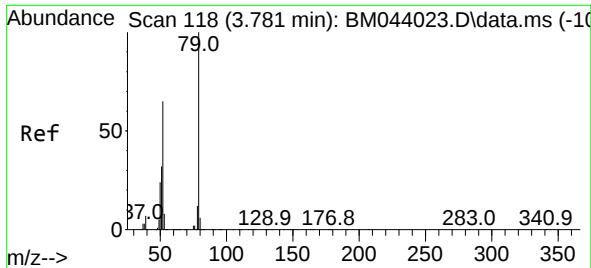
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#2
1,4-Dioxane
Concen: 39.946 ng
RT: 3.405 min Scan# 54
Delta R.T. 0.018 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

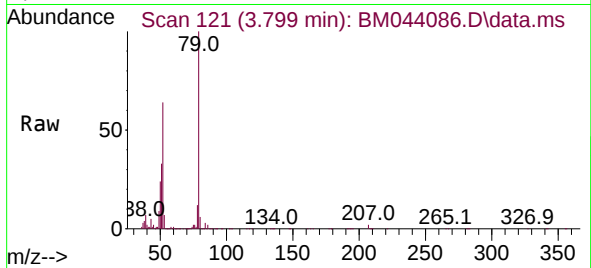
Tgt Ion: 88 Resp: 529339
Ion Ratio Lower Upper
88 100
58 73.4 58.1 87.1
43 156.0 21.1 31.7#





#3
Pyridine
Concen: 37.699 ng
RT: 3.799 min Scan# 118
Delta R.T. 0.018 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

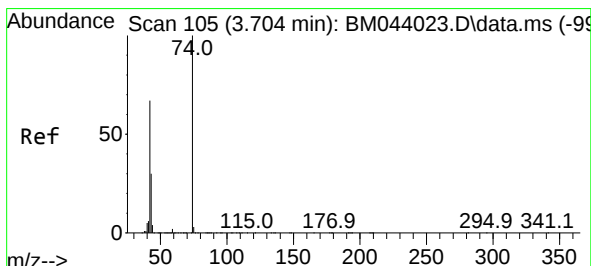
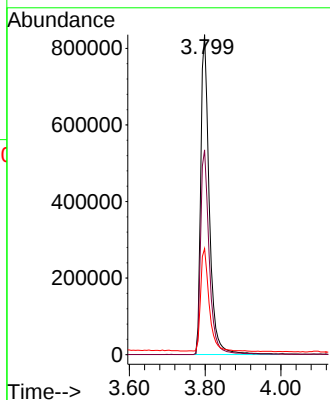
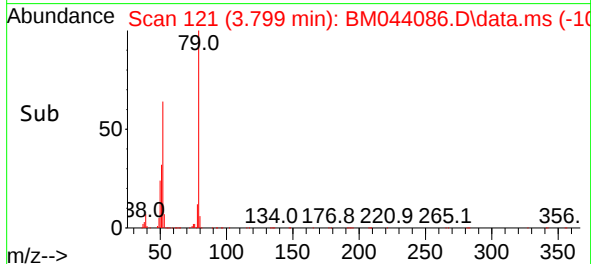
Instrument :
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ClientSampleId :
TP-3MS



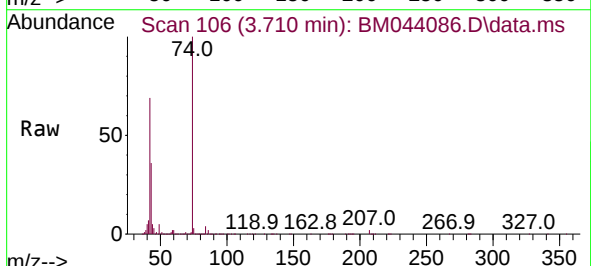
Tgt Ion: 79 Resp: 1318890
Ion Ratio Lower Upper
79 100
52 64.0 52.2 78.2
51 33.2 26.2 39.4

Manual Integrations
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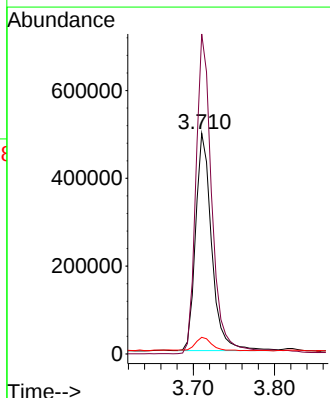
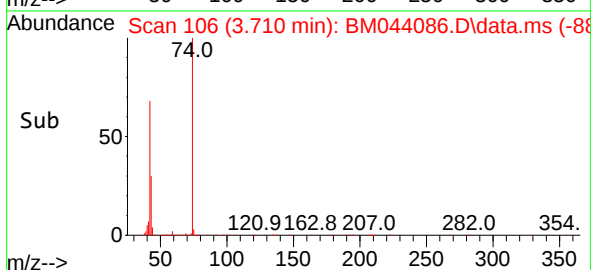
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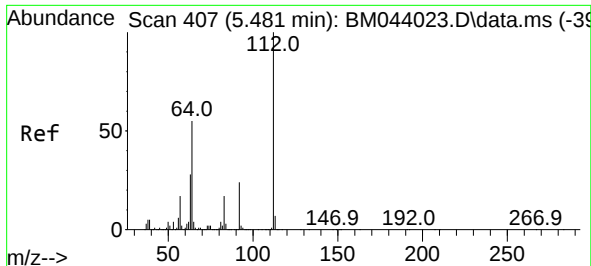


#4
n-Nitrosodimethylamine
Concen: 51.202 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



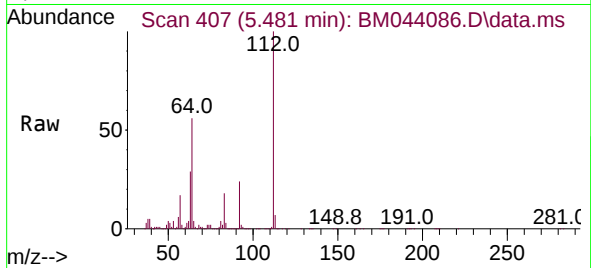
Tgt Ion: 42 Resp: 679656
Ion Ratio Lower Upper
42 100
74 145.1 118.6 178.0
44 7.5 5.6 8.4





#5
2-Fluorophenol
Concen: 139.308 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

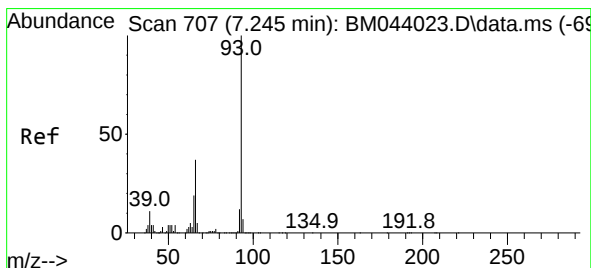
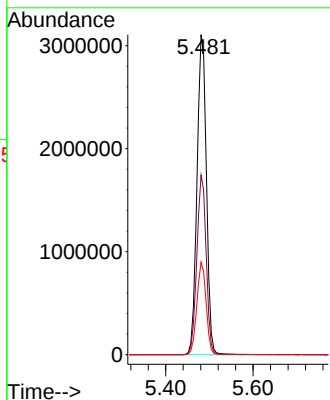
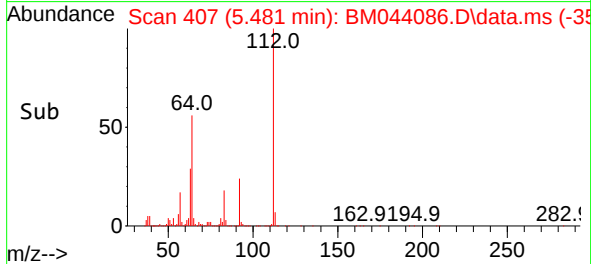
Instrument :
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Tgt Ion:112 Resp: 4651478
Ion Ratio Lower Upper
112 100
64 56.1 44.2 66.4
63 28.9 22.6 34.0

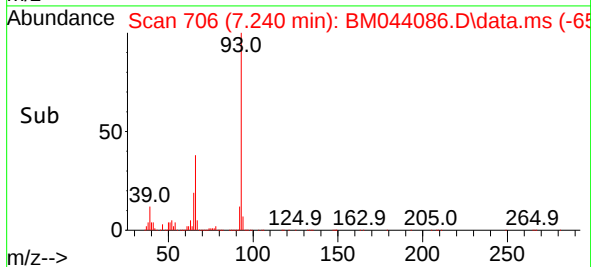
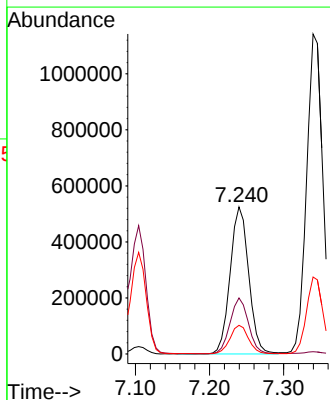
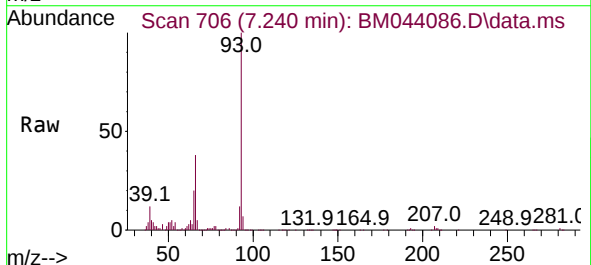
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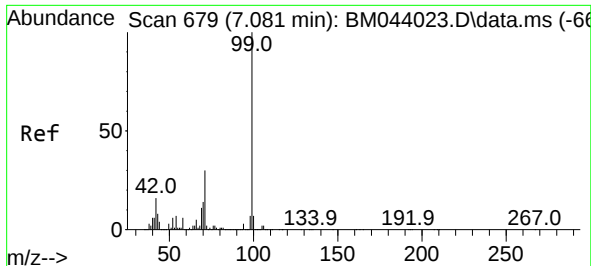
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#6
Aniline
Concen: 21.875 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

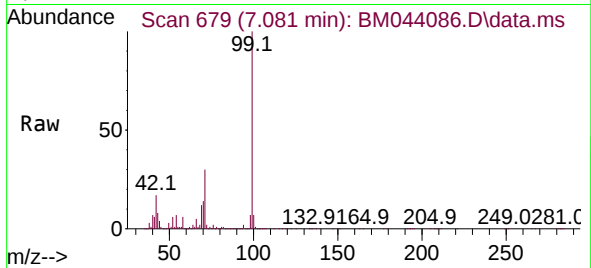
Tgt Ion: 93 Resp: 913737
Ion Ratio Lower Upper
93 100
66 38.1 29.4 44.0
65 19.5 15.2 22.8





#7
Phenol-d6
Concen: 128.021 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

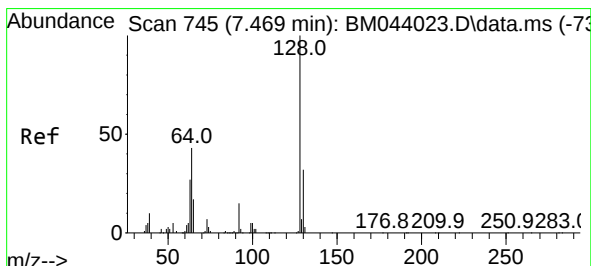
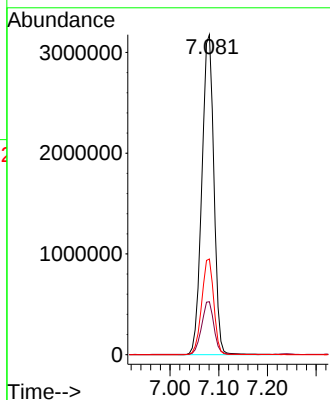
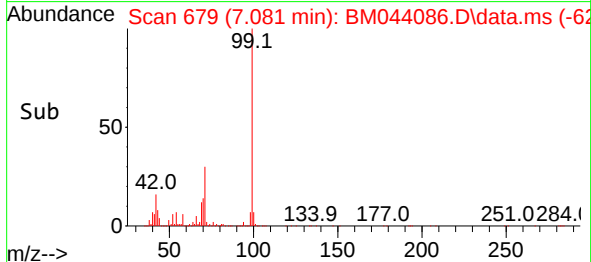
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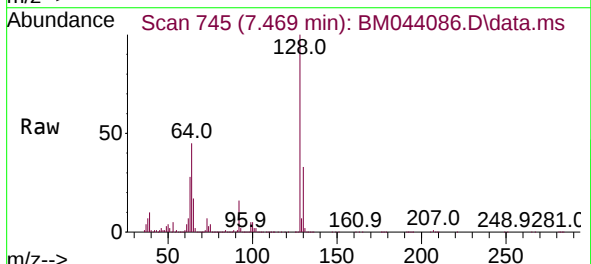
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Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 29.9 23.9 35.9

Manual Integrations
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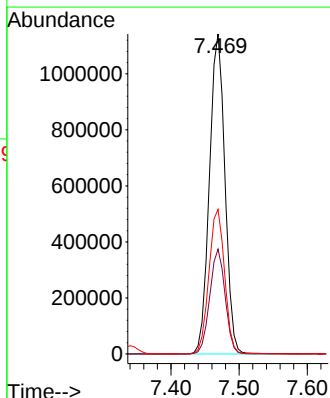
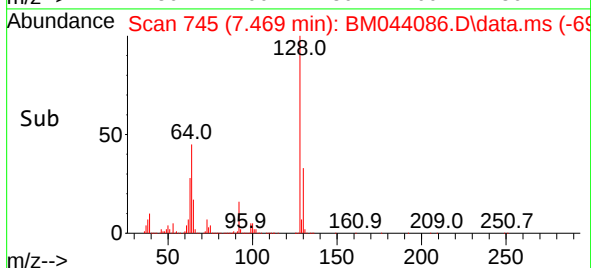
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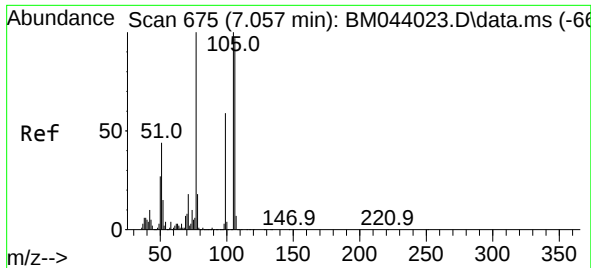


#8
2-Chlorophenol
Concen: 51.847 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM044086.D
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Tgt Ion:128 Resp: 1807790
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 45.2 26.0 66.0





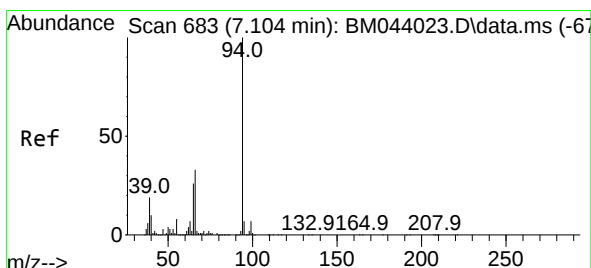
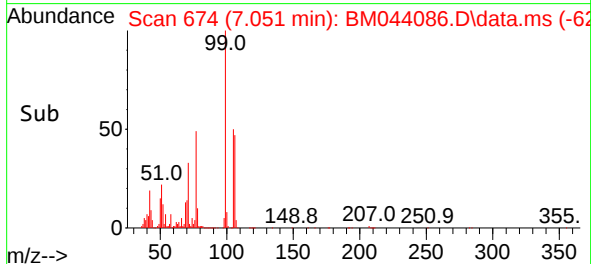
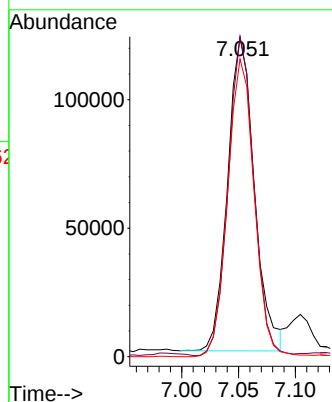
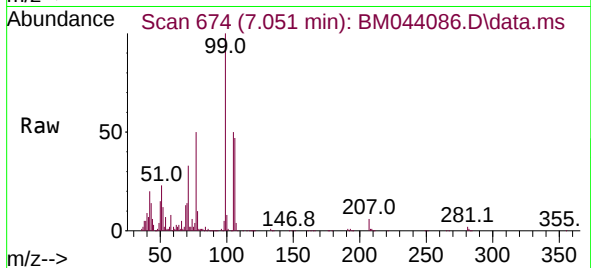
#9
Benzaldehyde
Concen: 9.129 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044086.D
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Tgt Ion: 77 Resp: 19930
Ion Ratio Lower Upper
77 100
105 100.2 80.0 120.0
106 93.2 76.8 116.8

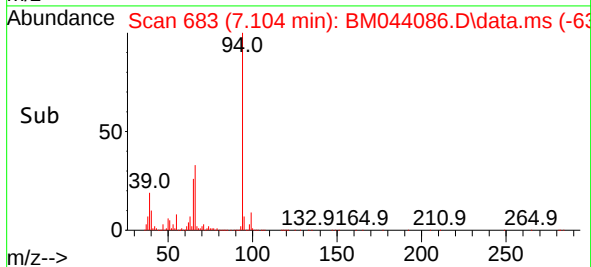
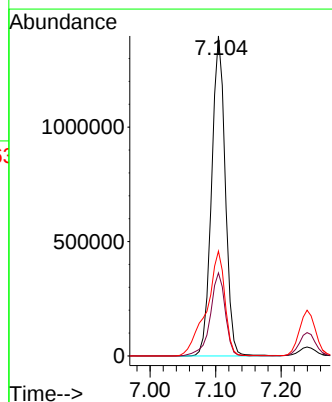
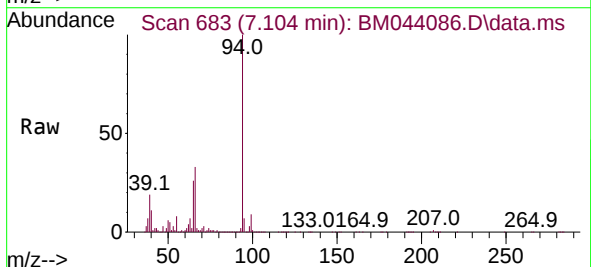
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#10
Phenol
Concen: 47.148 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

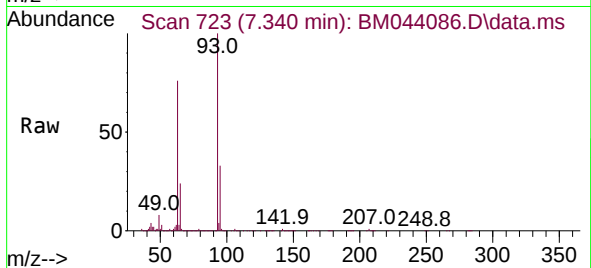
Tgt Ion: 94 Resp: 2021523
Ion Ratio Lower Upper
94 100
65 25.9 6.4 46.4
66 32.8 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 48.951 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

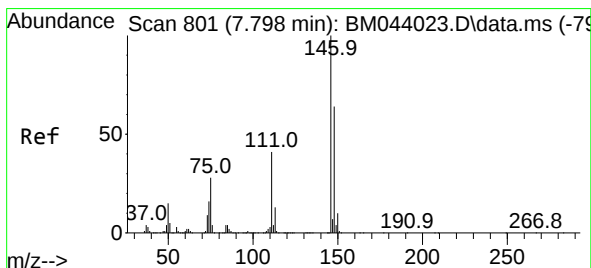
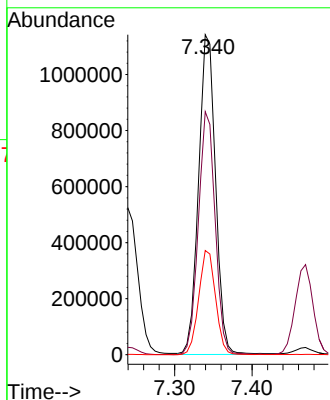
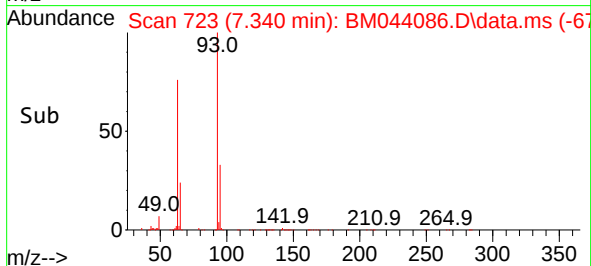
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion: 93 Resp: 1738019
Ion Ratio Lower Upper
93 100
63 76.0 55.9 95.9
95 32.5 13.0 53.0

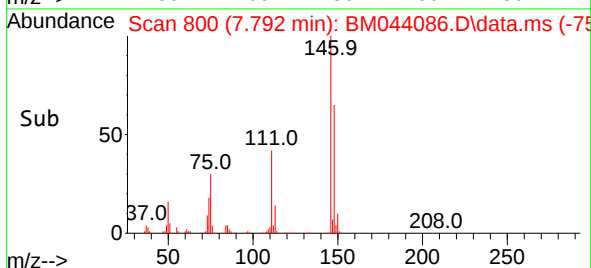
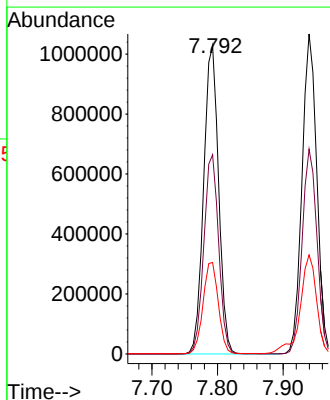
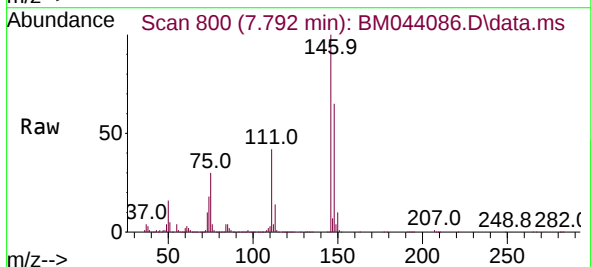
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#12
1,3-Dichlorobenzene
Concen: 41.251 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

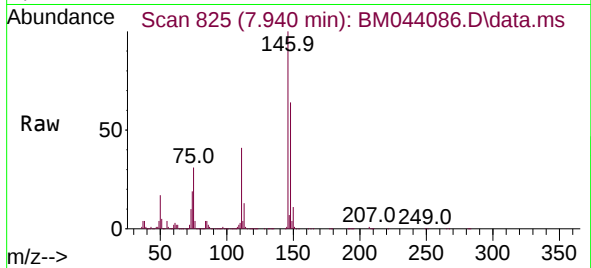
Tgt Ion:146 Resp: 1633047
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 29.7 22.7 34.1





#13
1,4-Dichlorobenzene
Concen: 41.630 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

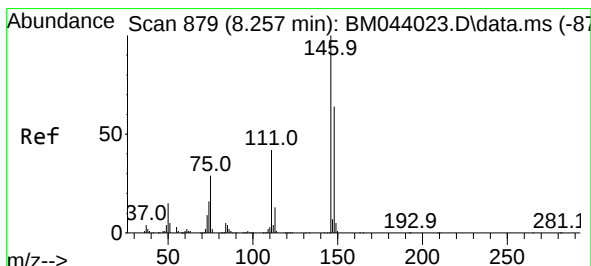
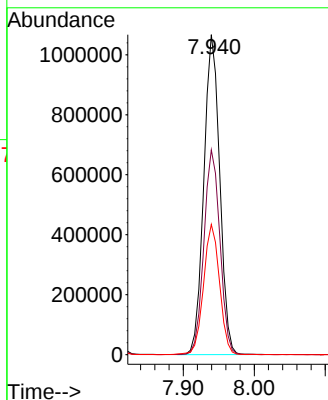
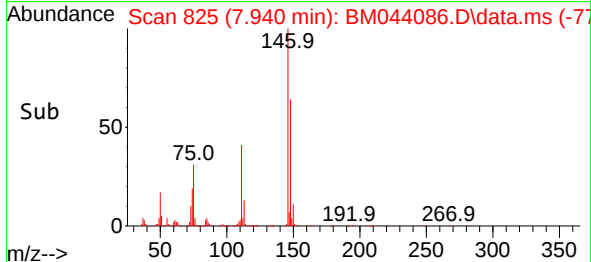
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:146 Resp: 1661220
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 40.7 31.2 46.8

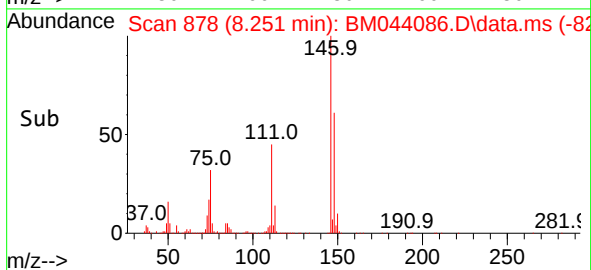
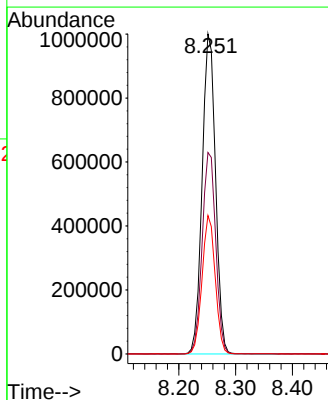
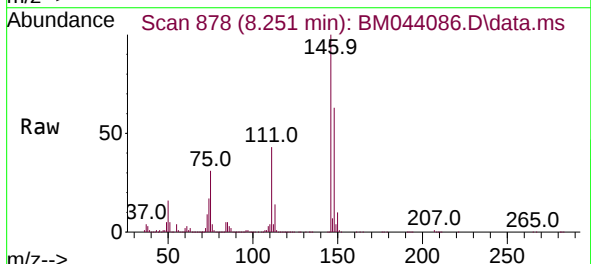
Manual Integrations
APPROVED

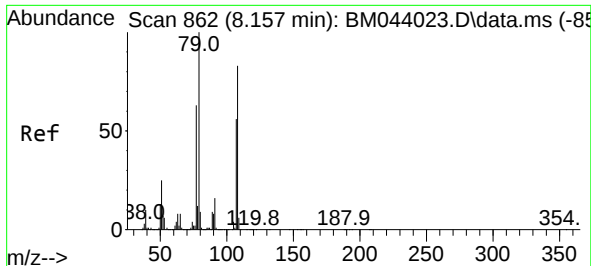
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#14
1,2-Dichlorobenzene
Concen: 42.841 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

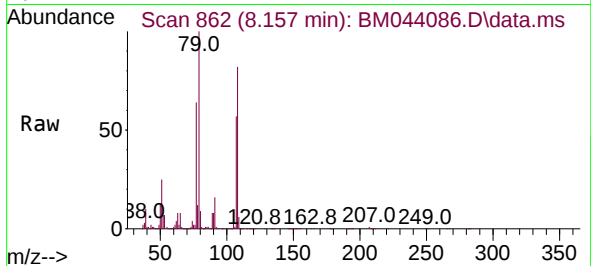
Tgt Ion:146 Resp: 1628967
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
111 43.2 33.7 50.5





#15
Benzyl Alcohol
Concen: 53.283 ng m
RT: 8.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

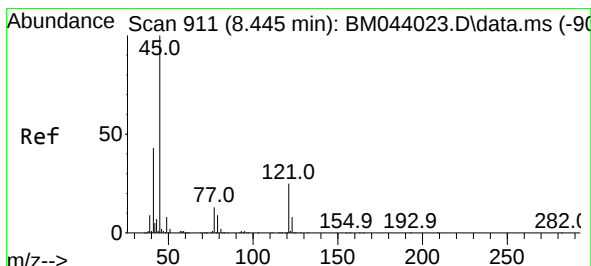
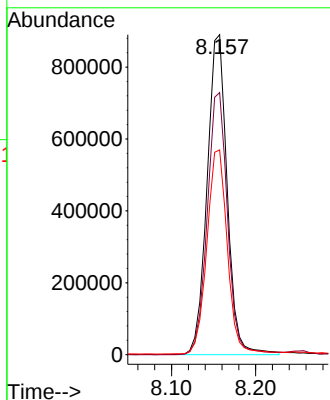
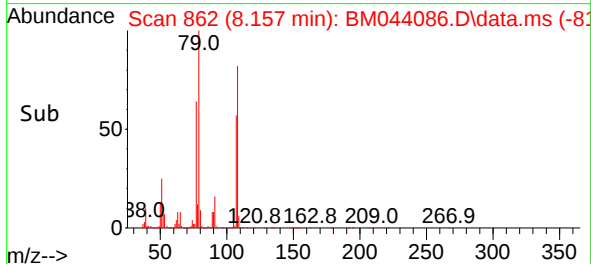
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 1473900
Ion Ratio Lower Upper
79 100
108 81.9 66.0 99.0
77 64.0 50.4 75.6

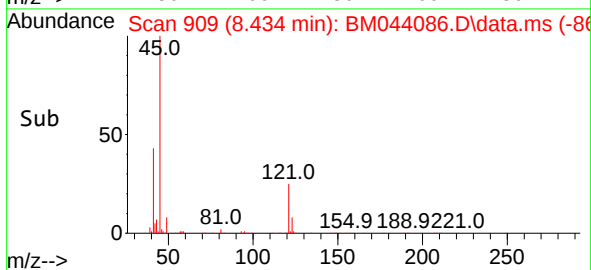
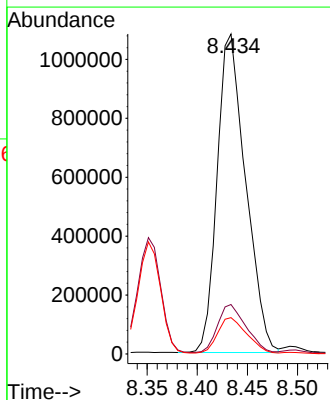
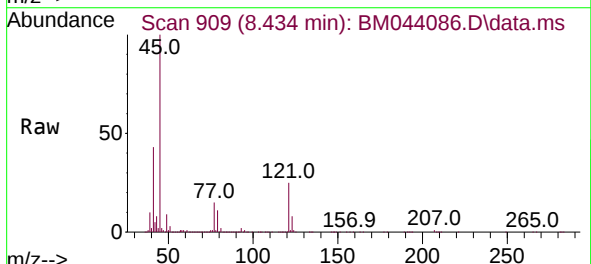
Manual Integrations
APPROVED

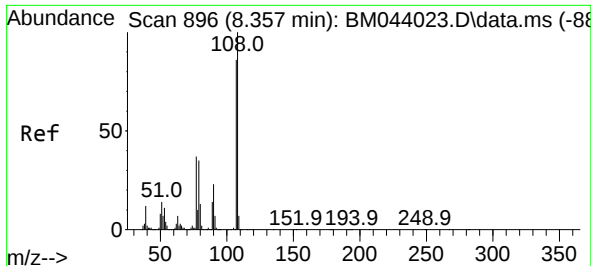
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.429 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

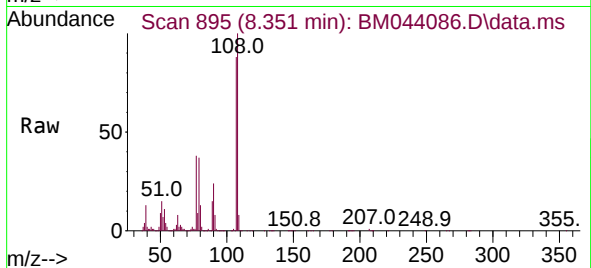
Tgt Ion: 45 Resp: 2134813
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 11.4 0.0 31.5





#17
2-Methylphenol
Concen: 51.110 ng
RT: 8.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

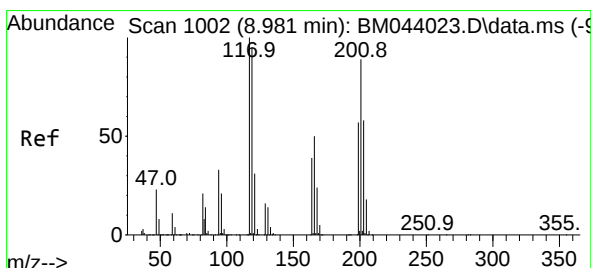
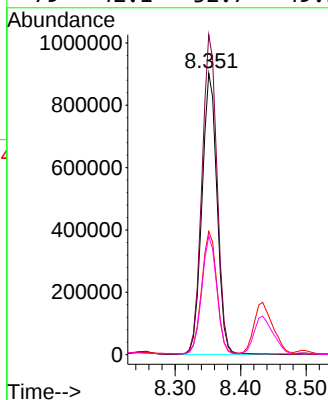
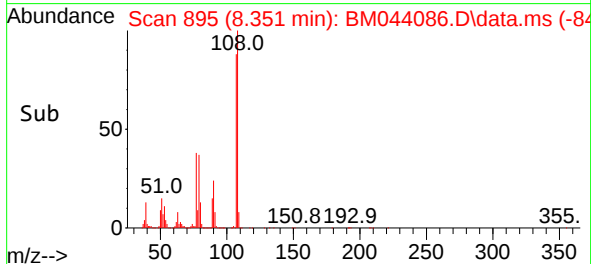
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:107 Resp: 143848
Ion Ratio Lower Upper
107 100
108 113.7 93.4 140.2
77 43.8 34.7 52.1
79 42.1 32.7 49.1

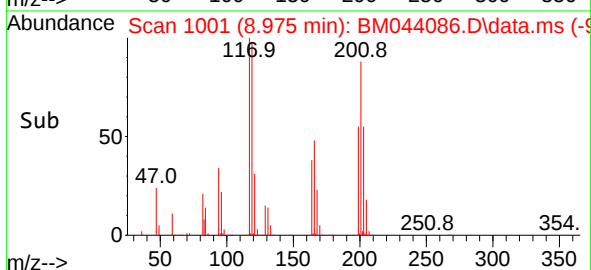
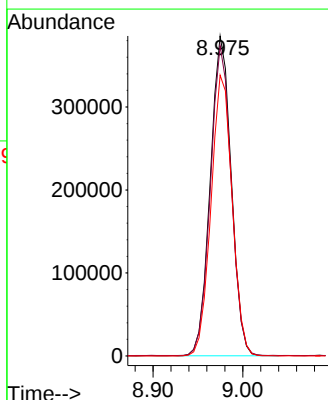
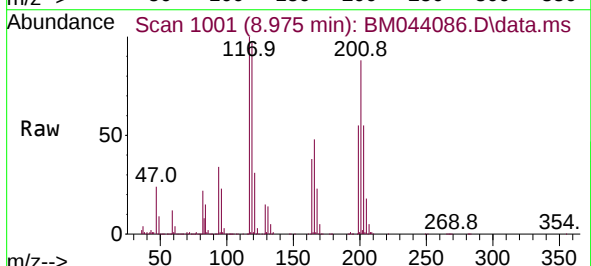
Manual Integrations
APPROVED

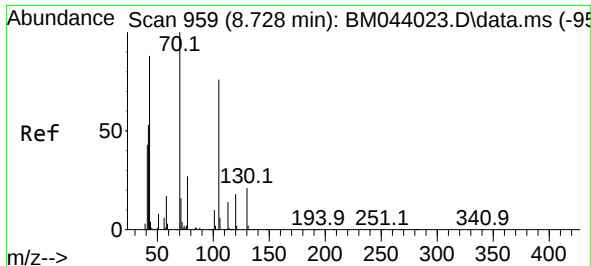
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#18
Hexachloroethane
Concen: 41.814 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

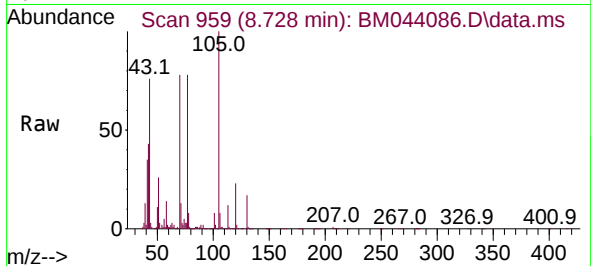
Tgt Ion:117 Resp: 624760
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5
201 87.8 71.5 107.3





#19
n-Nitroso-di-n-propylamine
Concen: 49.918 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

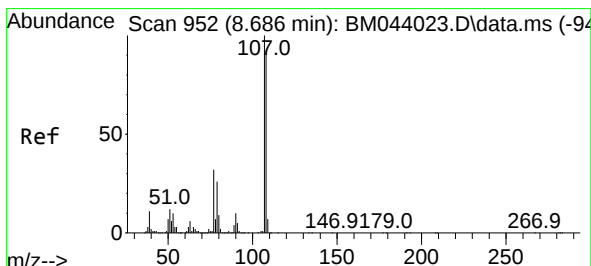
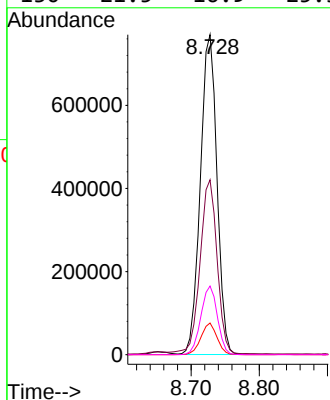
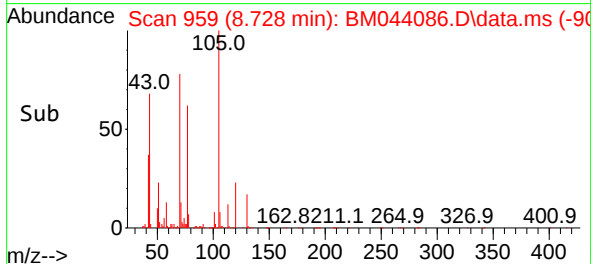
Instrument :
BNA_M
ClientSampleId :
TP-3MS



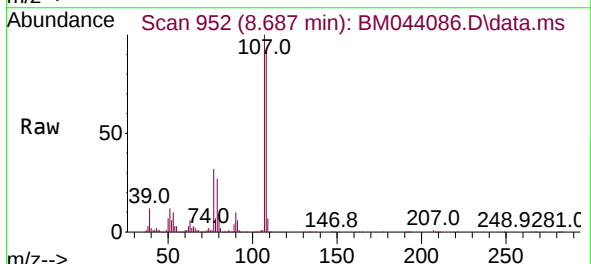
Tgt Ion: 70 Resp: 1302190
Ion Ratio Lower Upper
70 100
42 54.7 42.6 64.0
101 9.9 7.8 11.6
130 21.5 16.9 25.3

Manual Integrations
APPROVED

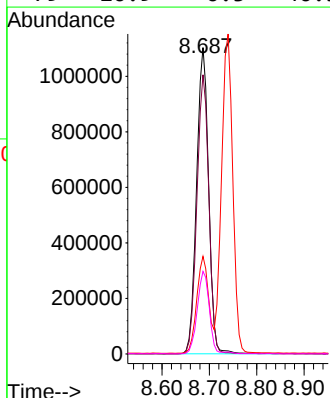
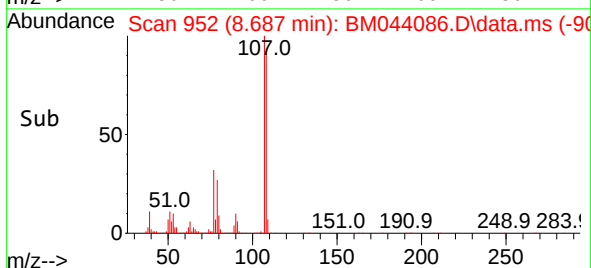
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

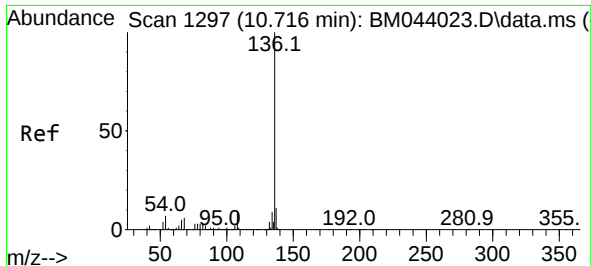


#20
3+4-Methylphenols
Concen: 50.183 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



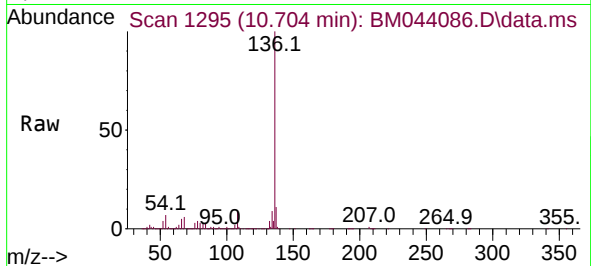
Tgt Ion:107 Resp: 1943938
Ion Ratio Lower Upper
107 100
108 91.1 71.5 111.5
77 31.9 11.8 51.8
79 26.9 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

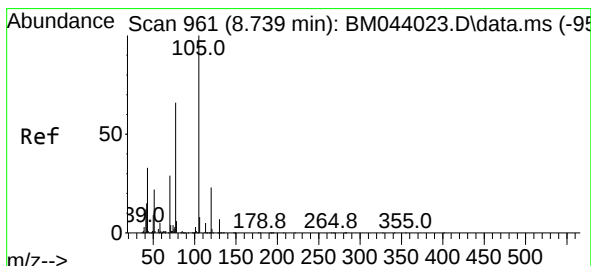
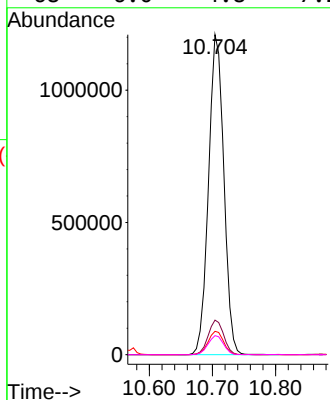
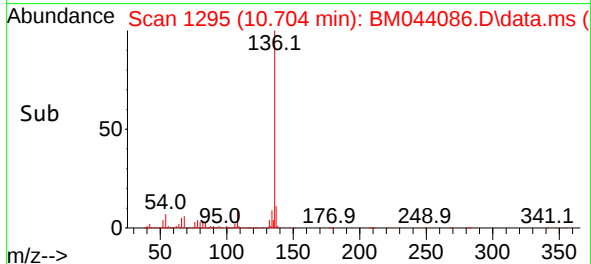
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:136 Resp: 2038598
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 5.9 8.9
68 6.0 4.8 7.2

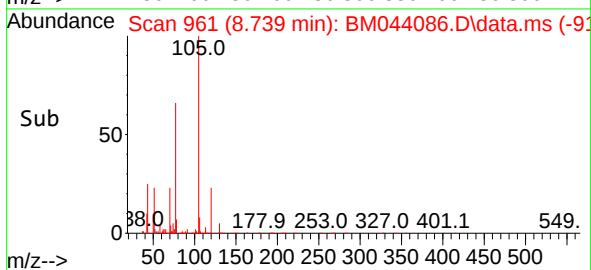
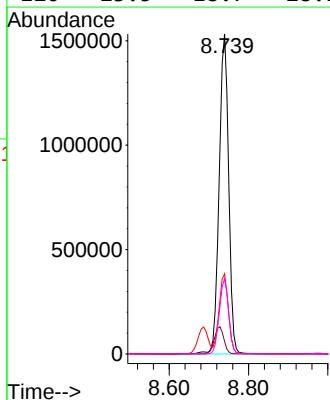
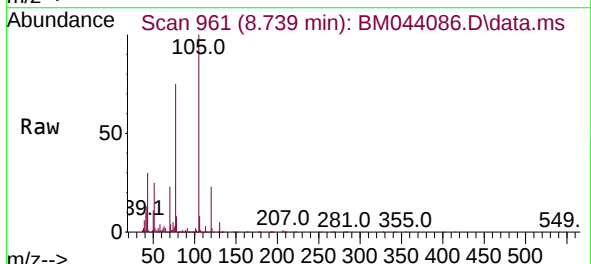
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#22
Acetophenone
Concen: 49.262 ng
RT: 8.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

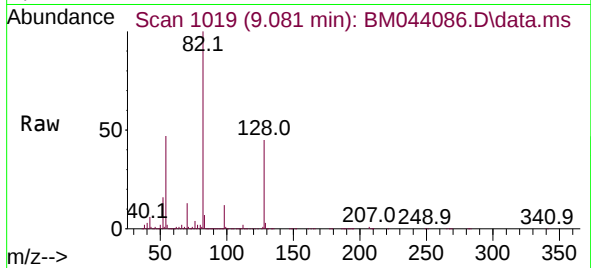
Tgt Ion:105 Resp: 2549086
Ion Ratio Lower Upper
105 100
71 3.9 4.0 6.0#
51 25.0 20.1 30.1
120 23.5 18.7 28.1





#23
Nitrobenzene-d5
Concen: 92.998 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

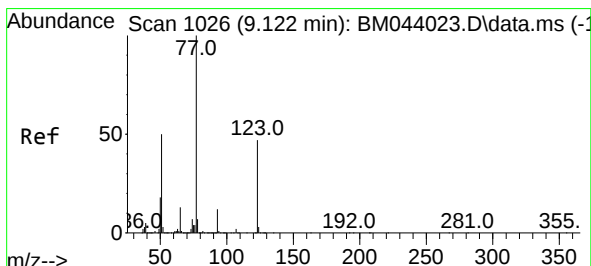
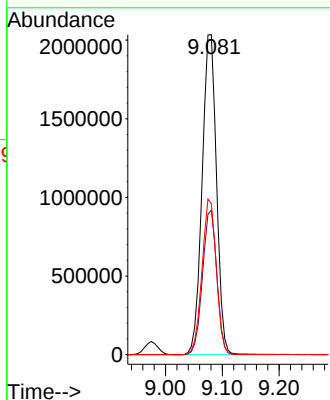
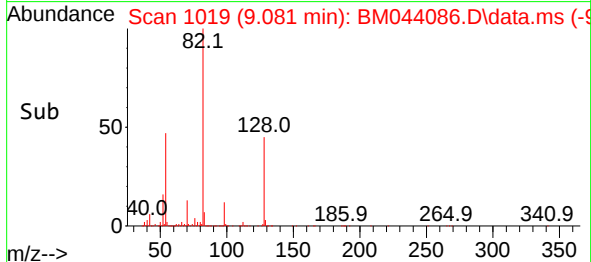
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion: 82 Resp: 357280
Ion Ratio Lower Upper
82 100
128 45.1 37.1 55.7
54 47.3 38.9 58.3

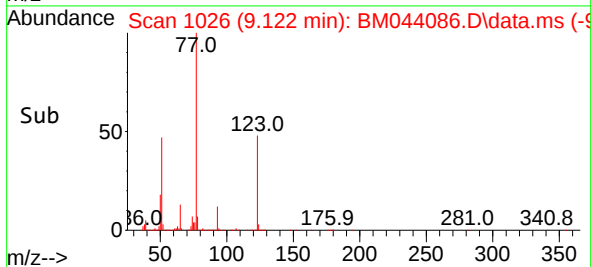
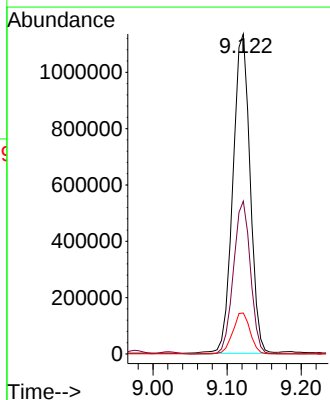
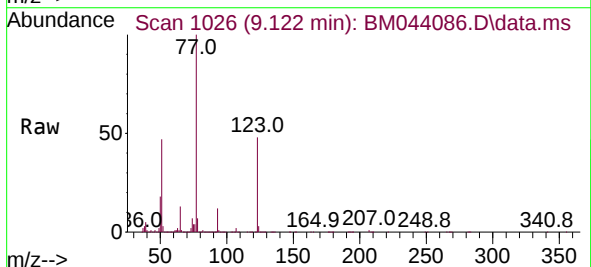
Manual Integrations
APPROVED

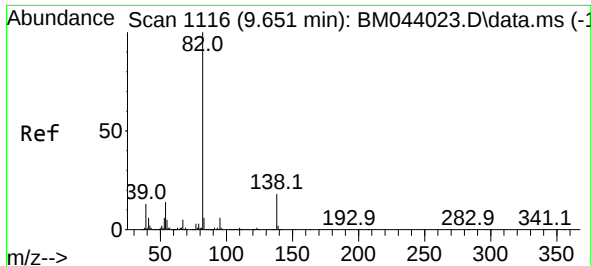
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#24
Nitrobenzene
Concen: 46.493 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

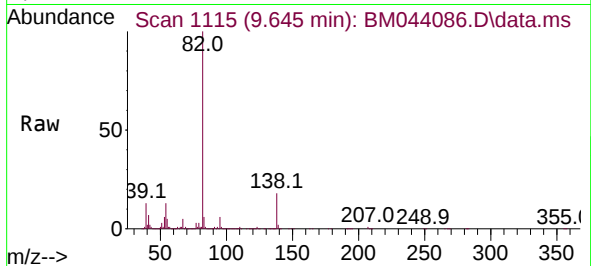
Tgt Ion: 77 Resp: 1829081
Ion Ratio Lower Upper
77 100
123 47.8 37.8 56.8
65 12.8 10.5 15.7





#25
Isophorone
Concen: 48.446 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

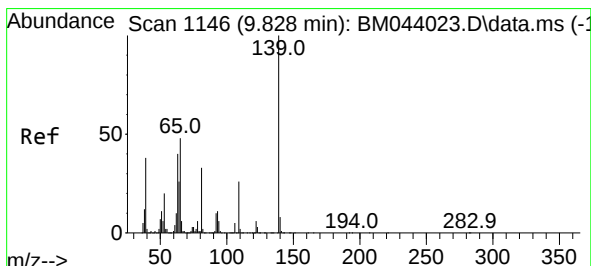
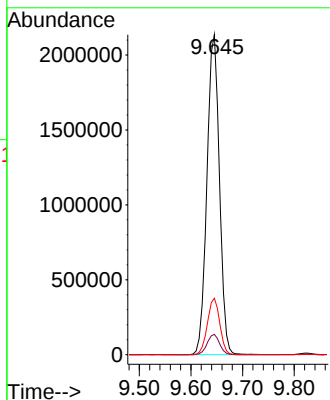
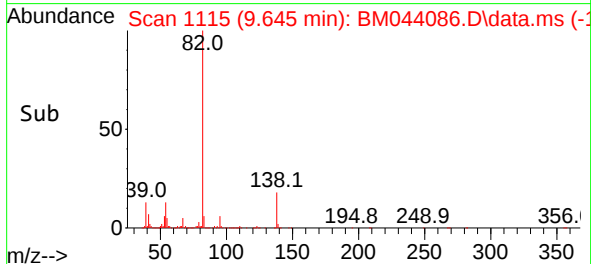
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion: 82 Resp: 3583830
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.7 14.3 21.5

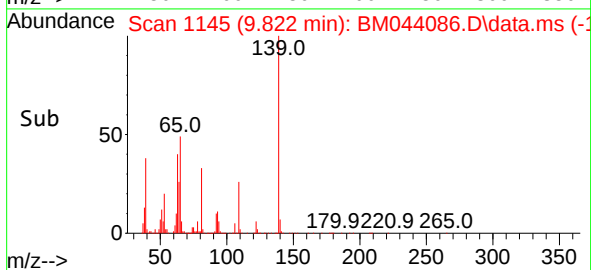
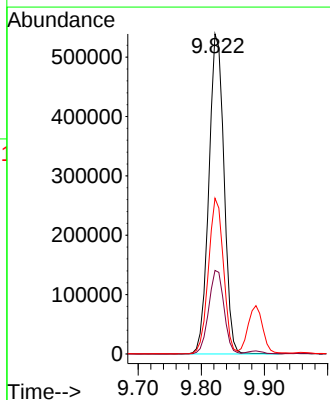
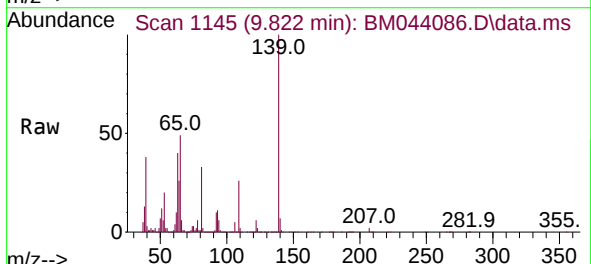
Manual Integrations
APPROVED

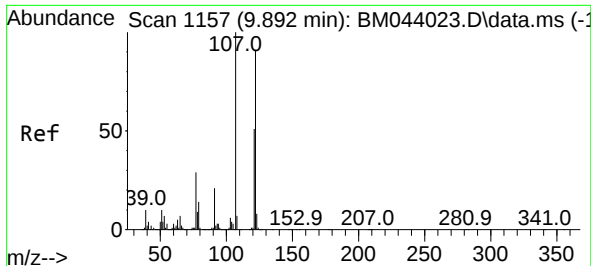
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#26
2-Nitrophenol
Concen: 49.158 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

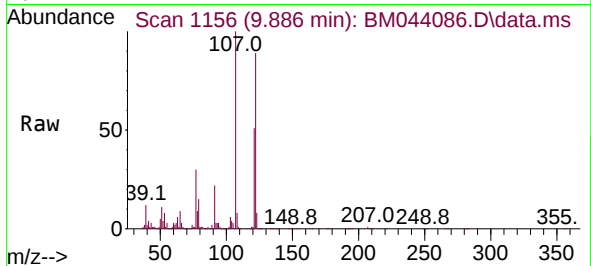
Tgt Ion:139 Resp: 896641
Ion Ratio Lower Upper
139 100
109 26.1 21.2 31.8
65 48.6 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 57.320 ng
RT: 9.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

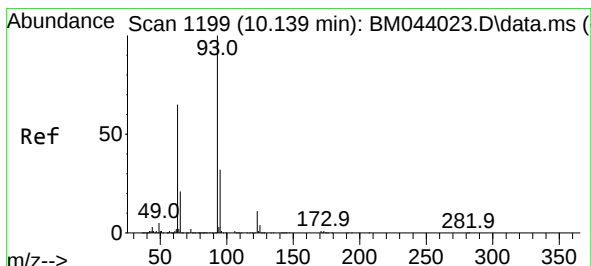
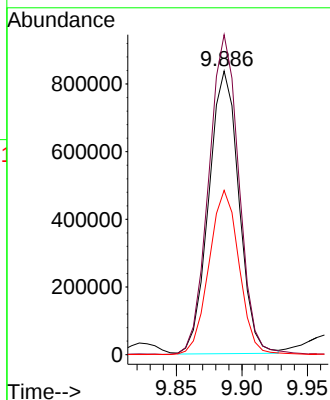
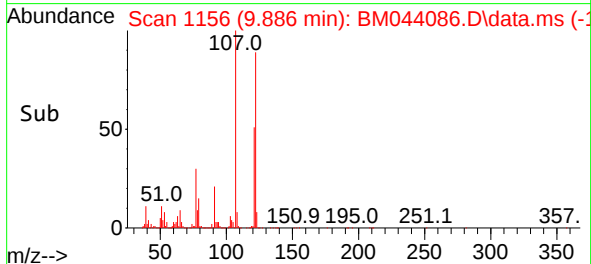
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:122 Resp: 1336874
Ion Ratio Lower Upper
122 100
107 112.8 87.8 131.8
121 57.9 44.7 67.1

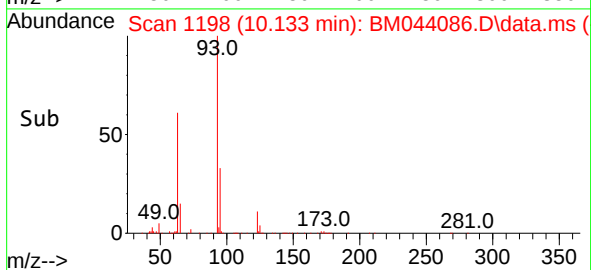
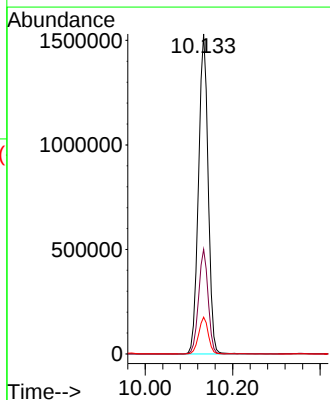
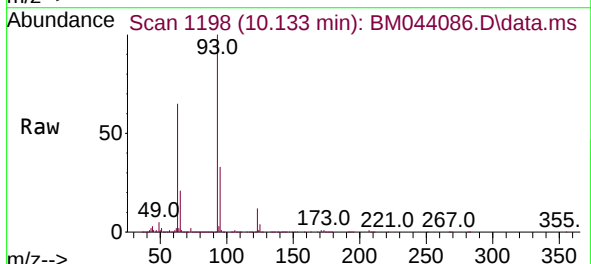
Manual Integrations
APPROVED

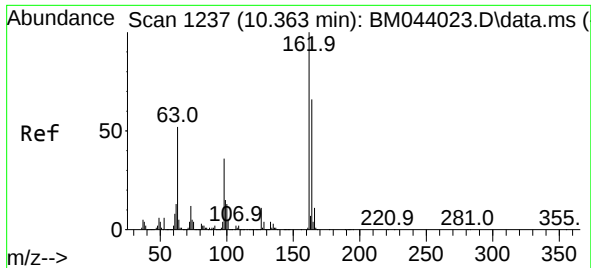
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.055 ng
RT: 10.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

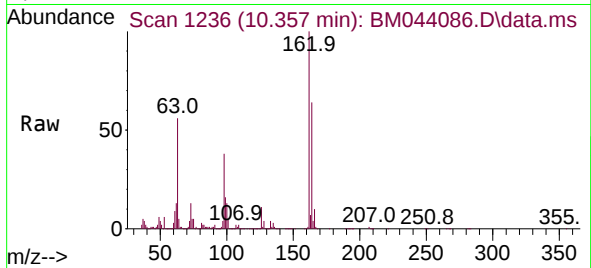
Tgt Ion: 93 Resp: 2346893
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 11.5 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 51.463 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

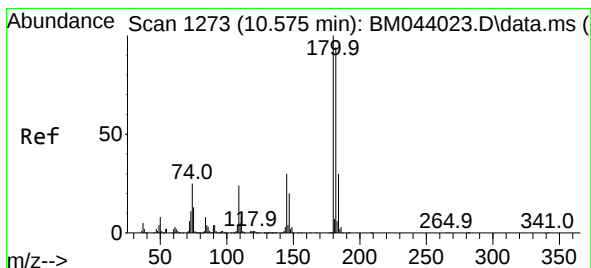
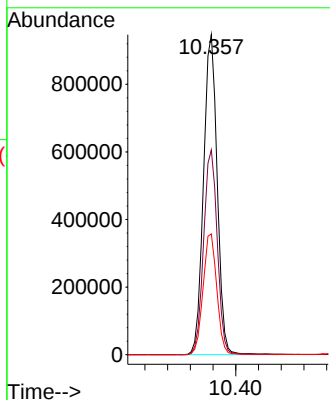
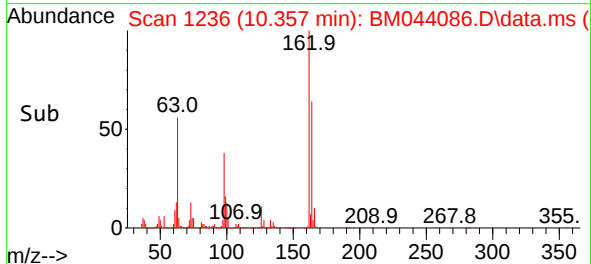
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:162 Resp: 158024
Ion Ratio Lower Upper
162 100
164 64.0 46.1 86.1
98 37.7 15.9 55.9

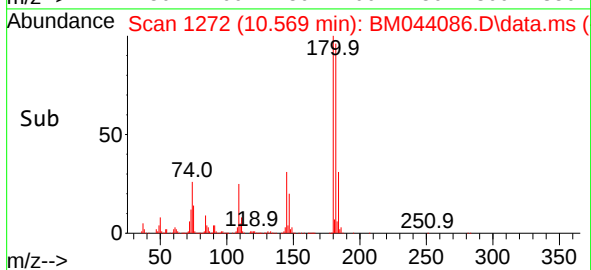
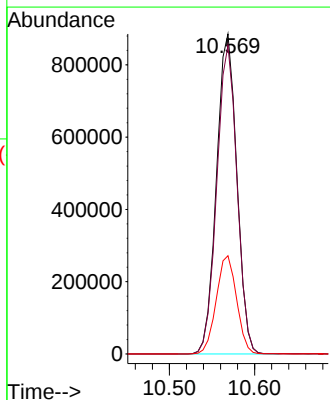
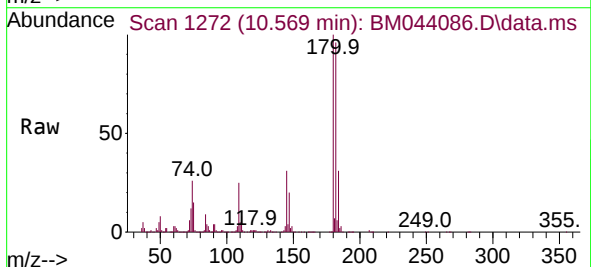
Manual Integrations
APPROVED

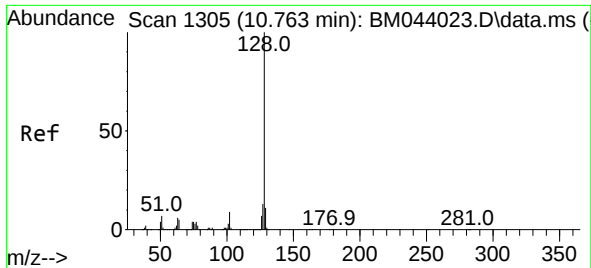
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.595 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

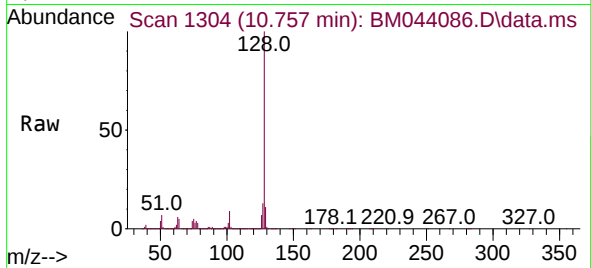
Tgt Ion:180 Resp: 1470731
Ion Ratio Lower Upper
180 100
182 96.4 75.2 112.8
145 30.7 24.3 36.5





#31
Naphthalene
Concen: 44.452 ng
RT: 10.757 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

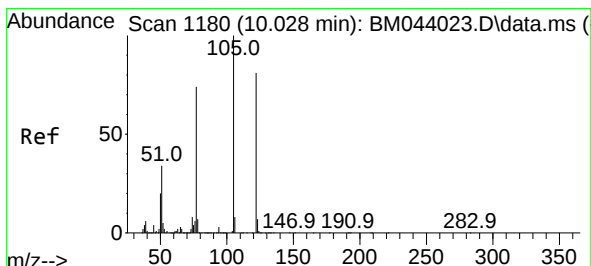
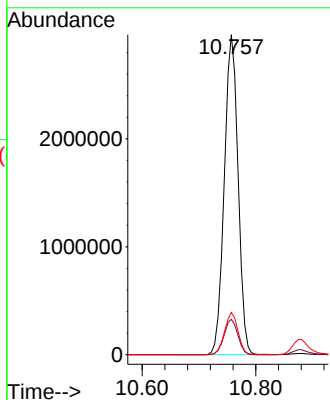
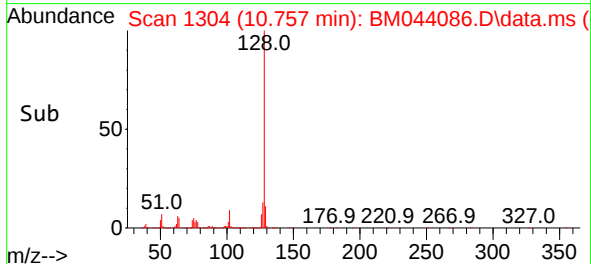
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:128 Resp: 5001479
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.3 15.5

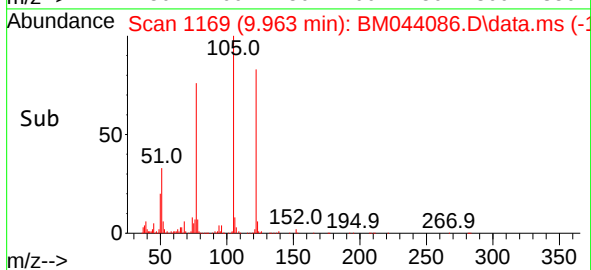
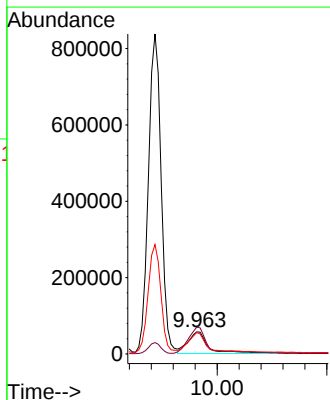
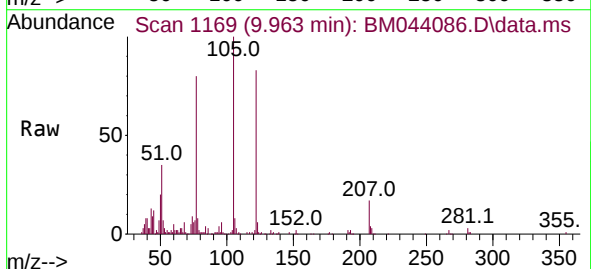
Manual Integrations
APPROVED

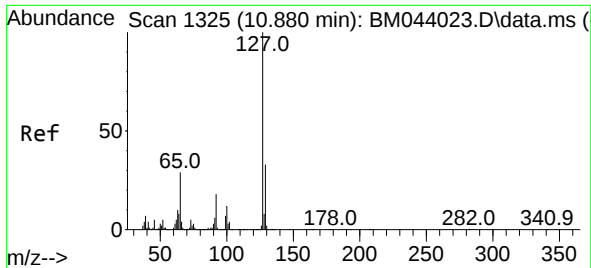
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#32
Benzoic acid
Concen: 6.346 ng m
RT: 9.963 min Scan# 1169
Delta R.T. -0.065 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

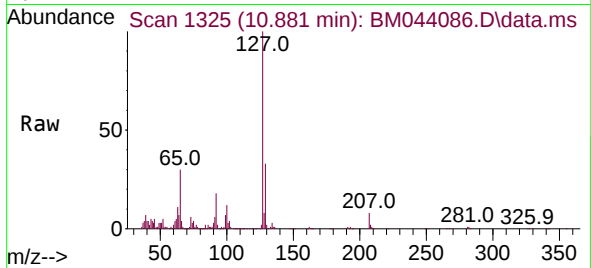
Tgt Ion:122 Resp: 149083
Ion Ratio Lower Upper
122 100
105 121.1 100.1 140.1
77 96.6 69.6 109.6





#33
4-Chloroaniline
Concen: 6.905 ng
RT: 10.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

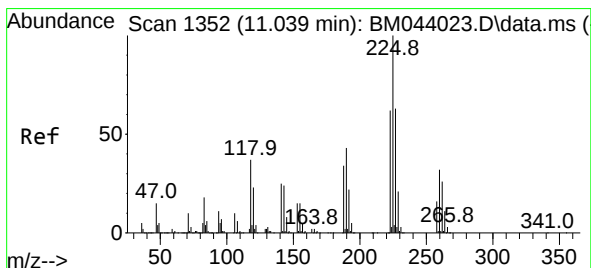
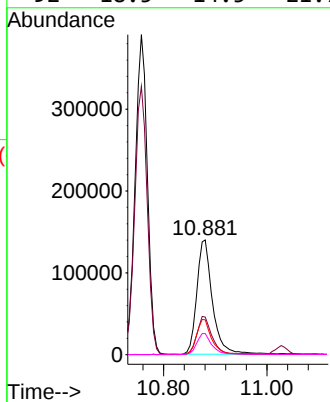
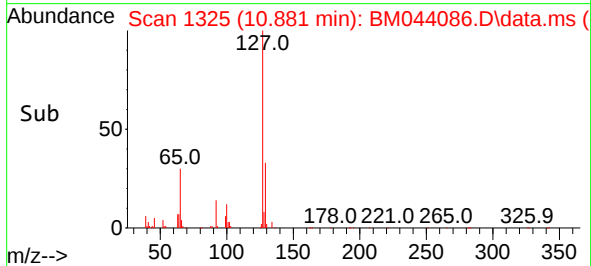
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:127 Resp: 29417
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 30.4 23.0 34.6
92 18.5 14.5 21.7

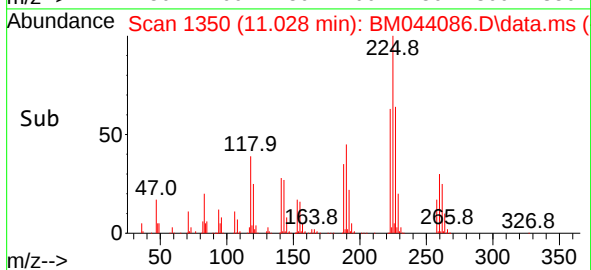
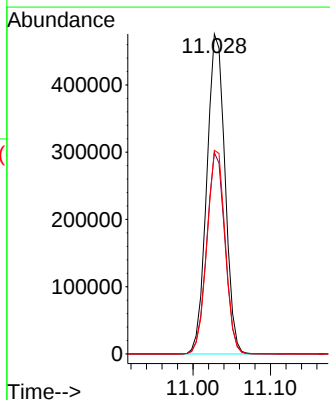
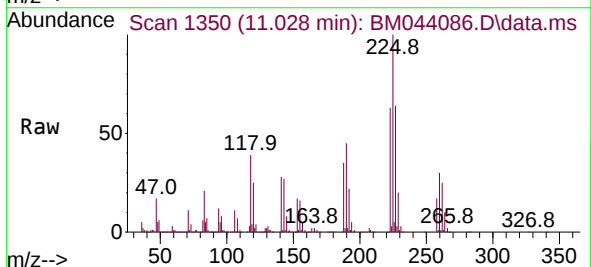
Manual Integrations
APPROVED

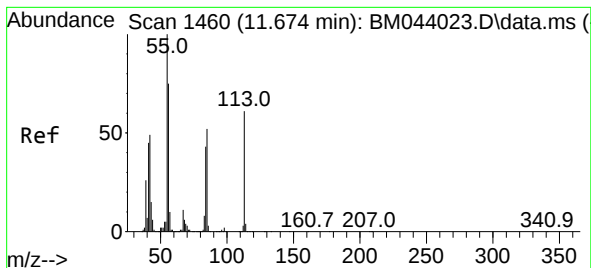
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#34
Hexachlorobutadiene
Concen: 39.179 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

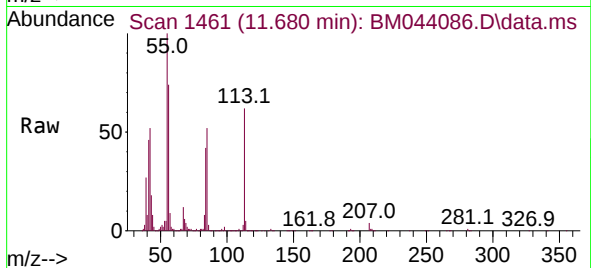
Tgt Ion:225 Resp: 774306
Ion Ratio Lower Upper
225 100
223 62.9 49.9 74.9
227 63.7 50.6 76.0





#35
Caprolactam
Concen: 38.317 ng
RT: 11.680 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

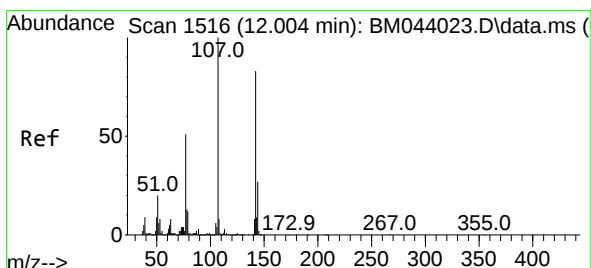
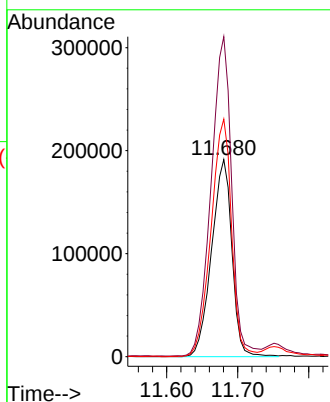
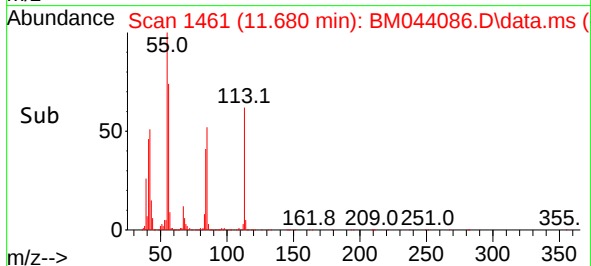
Instrument :
BNA_M
ClientSampleId :
TP-3MS



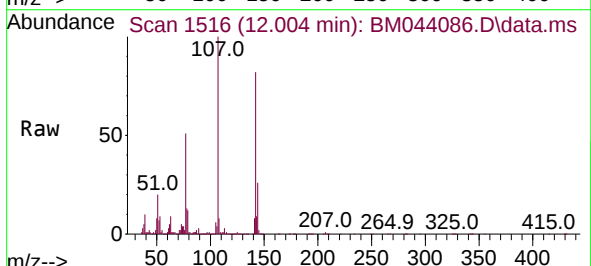
Tgt Ion:113 Resp: 378610
Ion Ratio Lower Upper
113 100
55 162.3 145.6 185.6
56 120.5 103.3 143.3

Manual Integrations
APPROVED

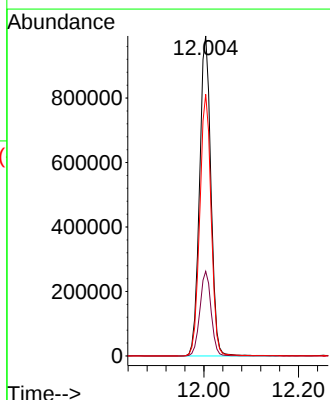
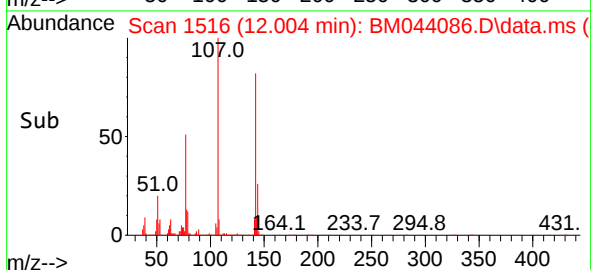
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

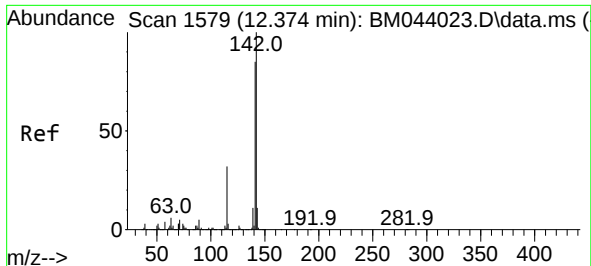


#36
4-Chloro-3-methylphenol
Concen: 49.532 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



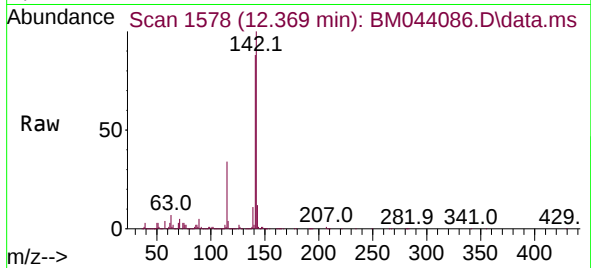
Tgt Ion:107 Resp: 1646939
Ion Ratio Lower Upper
107 100
144 26.4 21.3 31.9
142 81.8 66.2 99.4





#37
2-Methylnaphthalene
Concen: 45.087 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

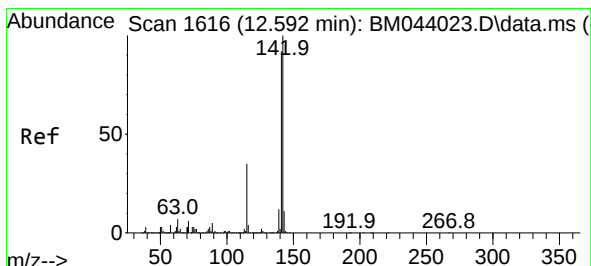
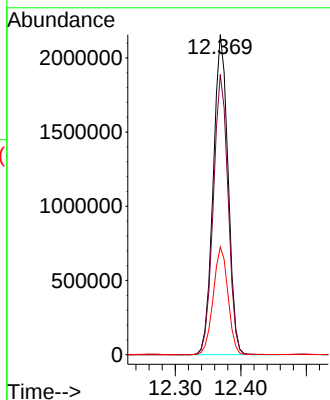
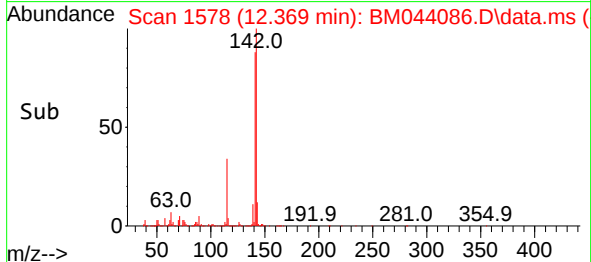
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:142 Resp: 3379078
Ion Ratio Lower Upper
142 100
141 87.5 68.3 102.5
115 33.7 25.7 38.5

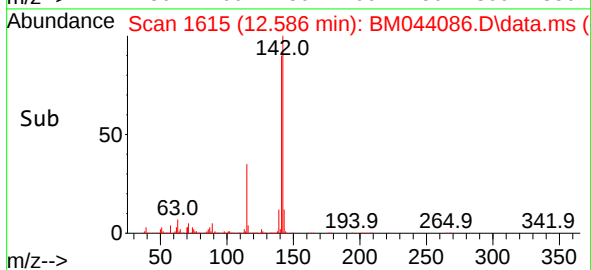
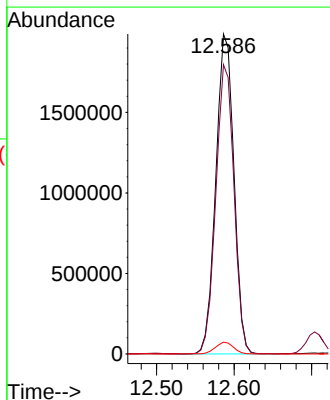
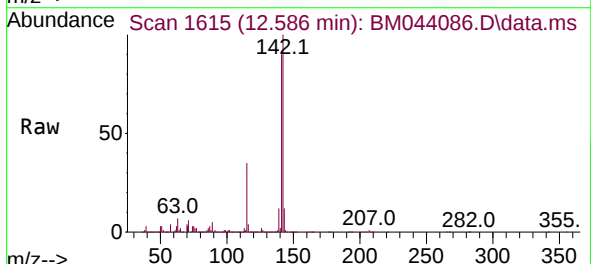
Manual Integrations
APPROVED

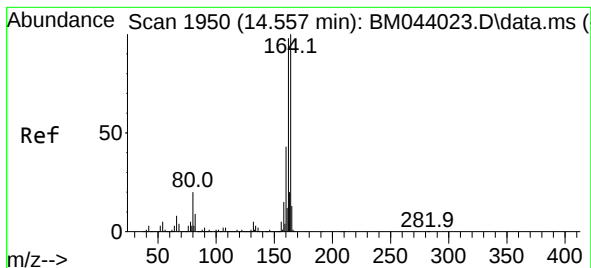
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#38
1-Methylnaphthalene
Concen: 43.786 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

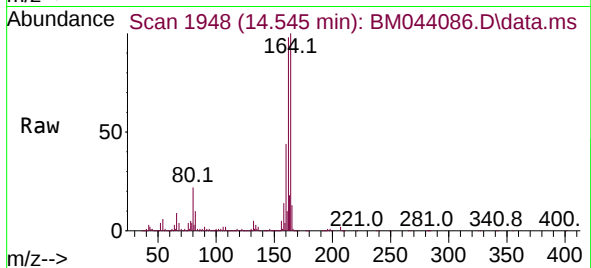
Tgt Ion:142 Resp: 3224582
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

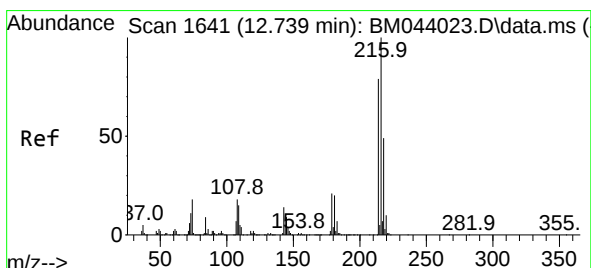
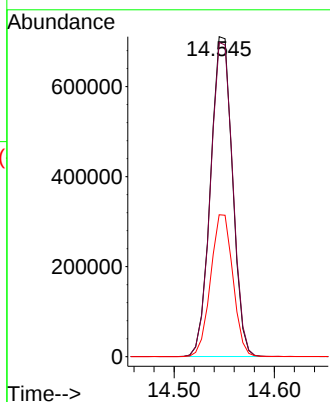
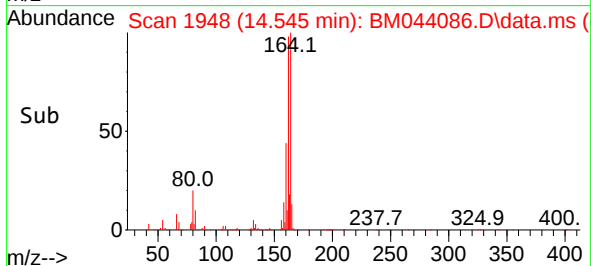
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:164 Resp: 1079909
Ion Ratio Lower Upper
164 100
162 98.2 78.4 117.6
160 44.3 34.6 51.8

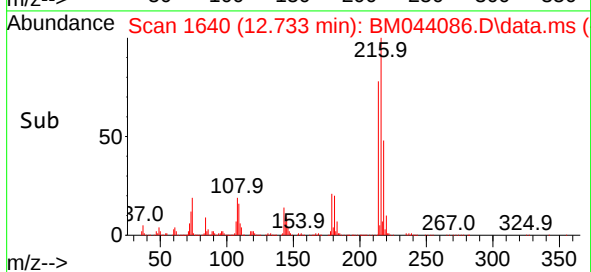
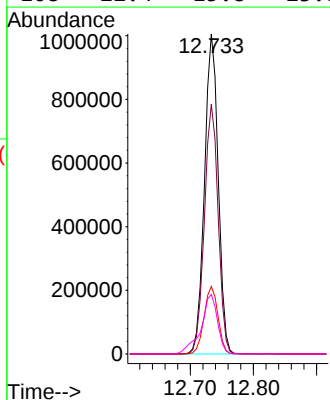
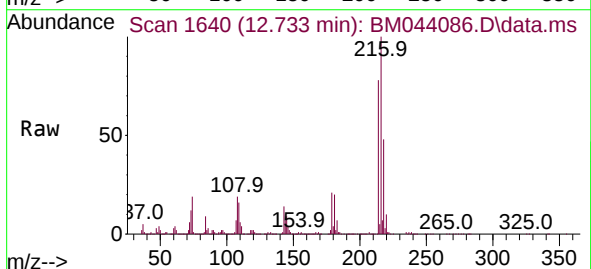
Manual Integrations
APPROVED

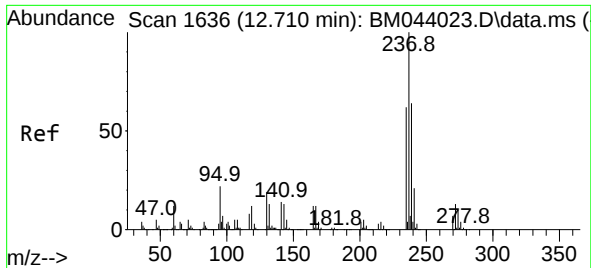
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.352 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

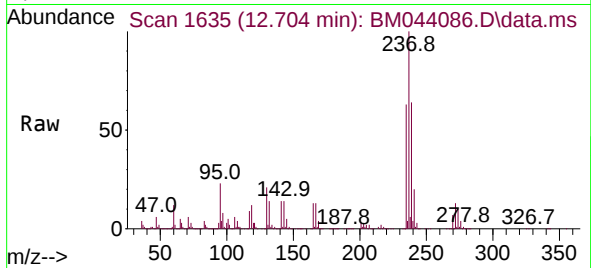
Tgt Ion:216 Resp: 1517730
Ion Ratio Lower Upper
216 100
214 78.2 63.1 94.7
179 21.4 17.0 25.6
108 22.4 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 107.619 ng
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

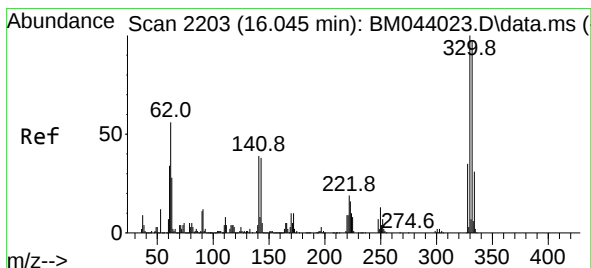
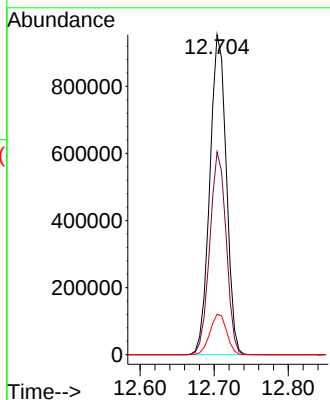
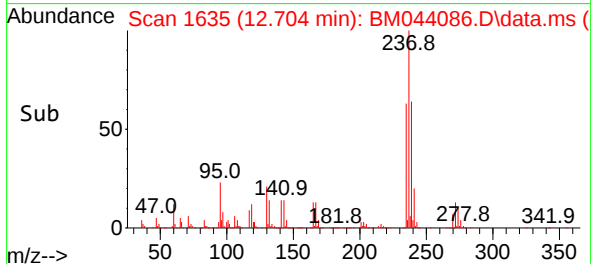
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:237 Resp: 1474240
Ion Ratio Lower Upper
237 100
235 63.4 42.4 82.4
272 12.6 0.0 33.3

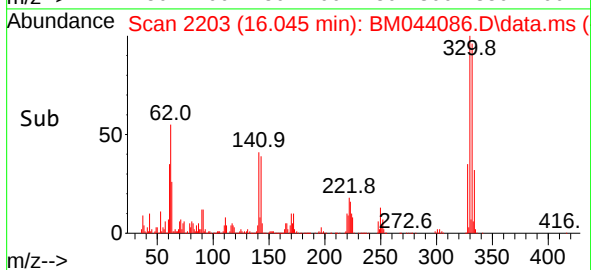
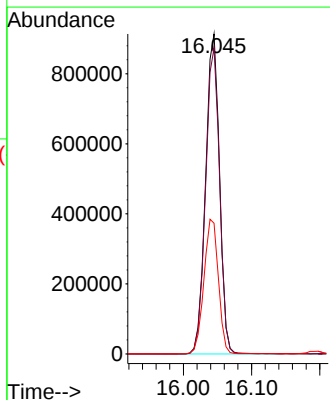
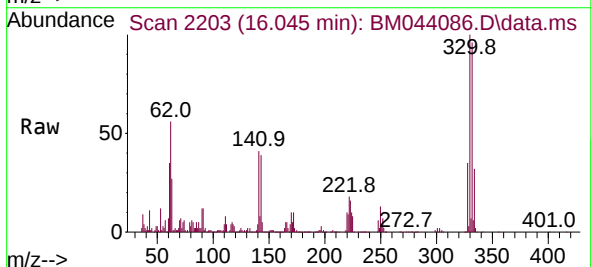
Manual Integrations
APPROVED

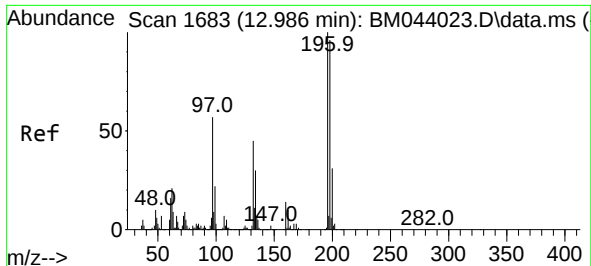
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#42
2,4,6-Tribromophenol
Concen: 111.293 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

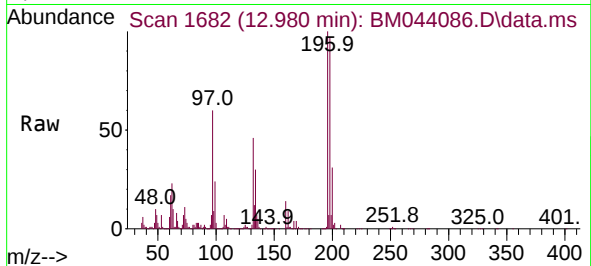
Tgt Ion:330 Resp: 1301286
Ion Ratio Lower Upper
330 100
332 95.8 77.7 116.5
141 43.7 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 51.071 ng
RT: 12.980 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

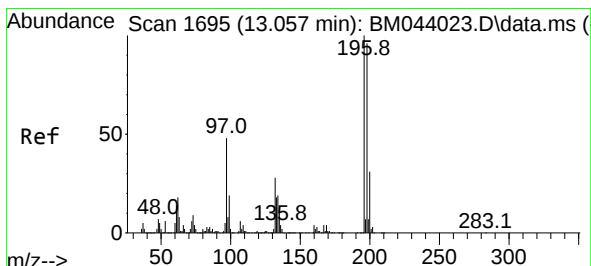
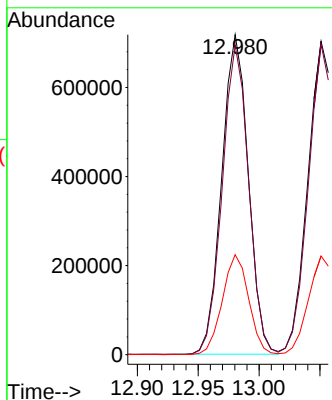
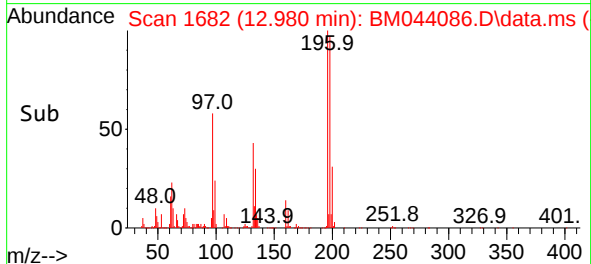
Instrument :
BNA_M
ClientSampleId :
TP-3MS



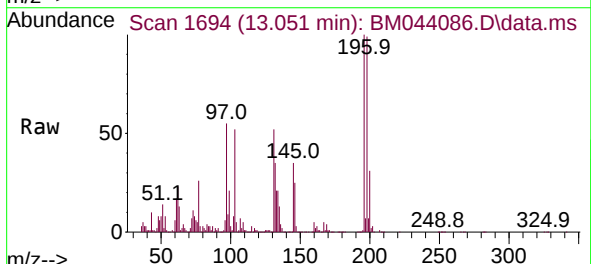
Tgt Ion:196 Resp: 1090978
Ion Ratio Lower Upper
196 100
198 96.8 76.8 115.2
200 31.2 24.6 37.0

Manual Integrations
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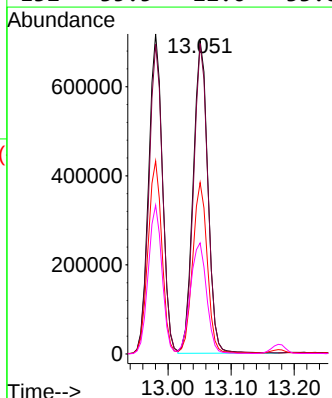
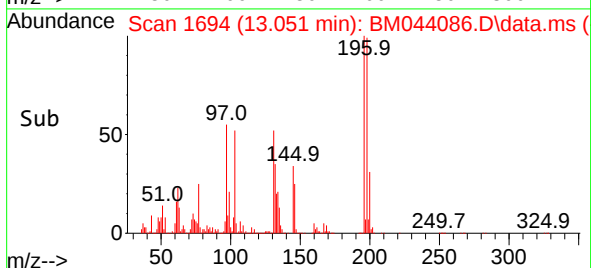
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

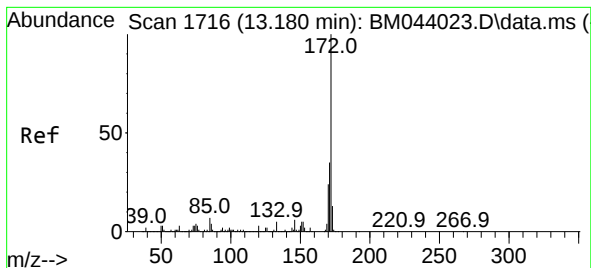


#44
2,4,5-Trichlorophenol
Concen: 48.383 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



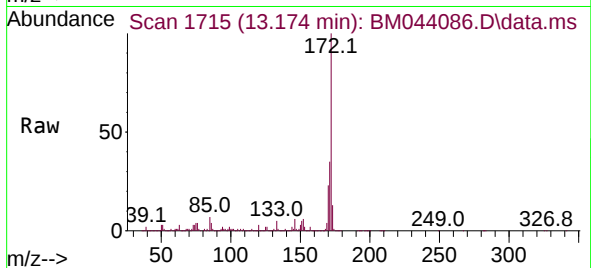
Tgt Ion:196 Resp: 1134228
Ion Ratio Lower Upper
196 100
198 99.1 76.9 115.3
97 54.7 39.0 58.4
132 35.5 22.6 33.8#





#45
2-Fluorobiphenyl
Concen: 91.252 ng
RT: 13.174 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

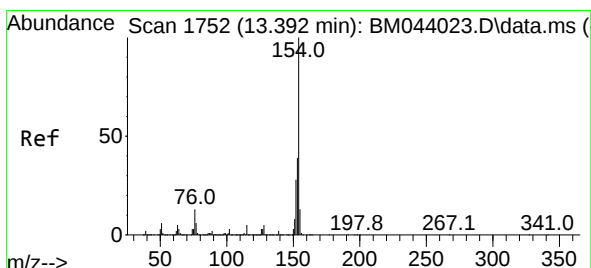
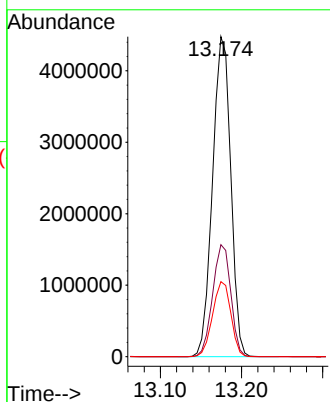
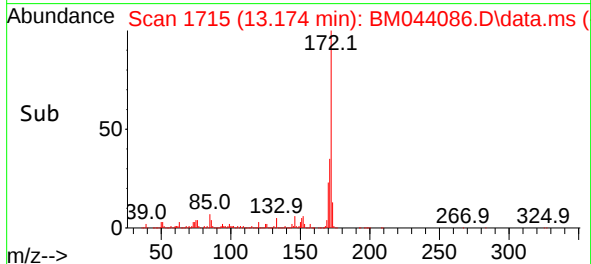
Instrument :
BNA_M
ClientSampleId :
TP-3MS



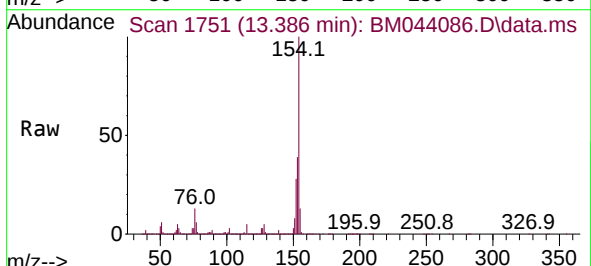
Tgt Ion:172 Resp: 698238
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.4 19.0 28.4

Manual Integrations
APPROVED

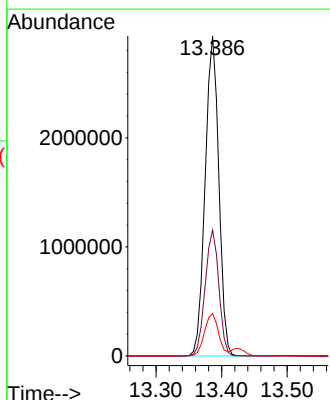
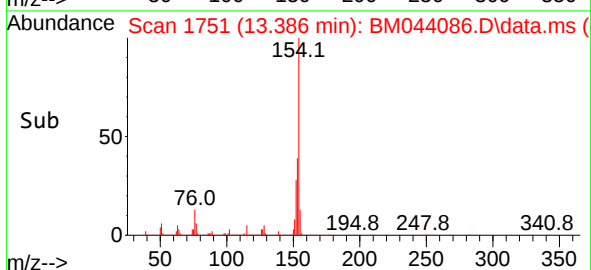
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

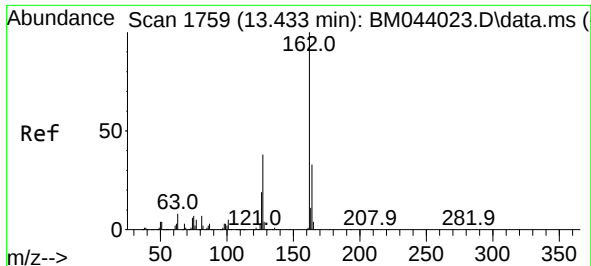


#46
1,1'-Biphenyl
Concen: 49.889 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



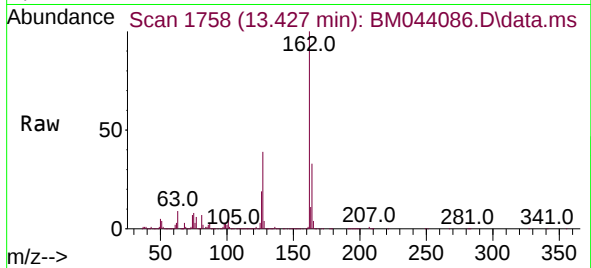
Tgt Ion:154 Resp: 4251173
Ion Ratio Lower Upper
154 100
153 39.4 19.4 59.4
76 13.3 0.0 32.9





#47
2-Chloronaphthalene
Concen: 48.520 ng
RT: 13.427 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

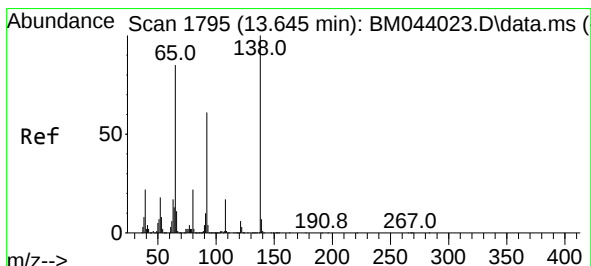
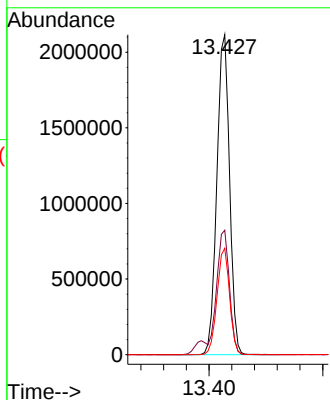
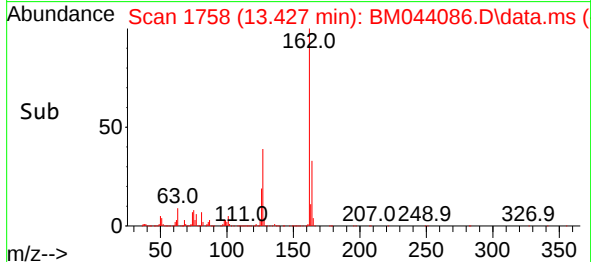
Instrument :
BNA_M
ClientSampleId :
TP-3MS



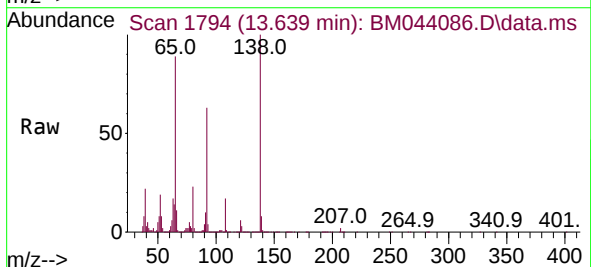
Tgt Ion:162 Resp: 3275120
Ion Ratio Lower Upper
162 100
127 38.9 30.9 46.3
164 33.3 26.4 39.6

Manual Integrations
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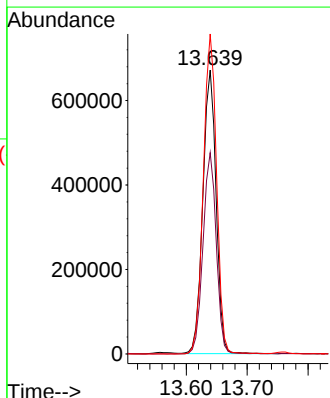
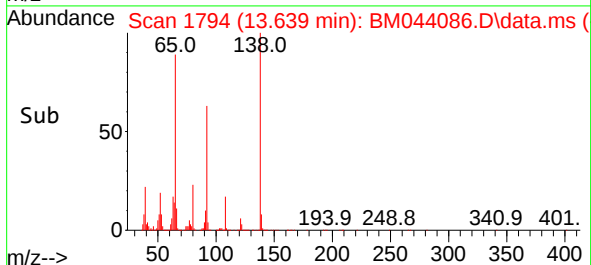
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

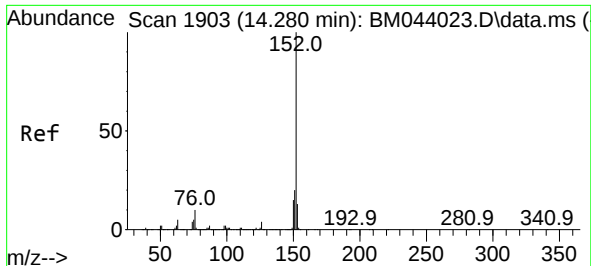


#48
2-Nitroaniline
Concen: 53.615 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



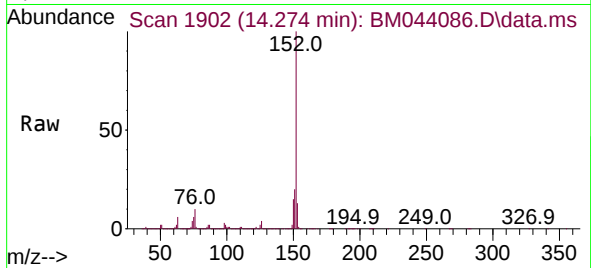
Tgt Ion: 65 Resp: 1018128
Ion Ratio Lower Upper
65 100
92 70.9 58.1 87.1
138 112.7 94.6 142.0





#49
Acenaphthylene
Concen: 52.424 ng
RT: 14.274 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

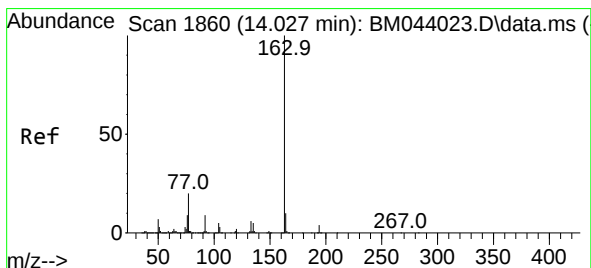
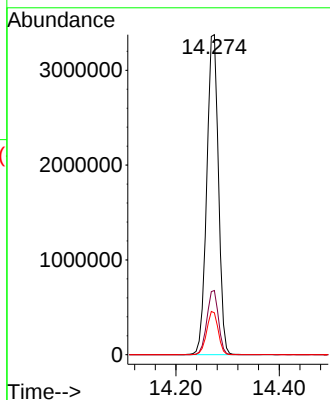
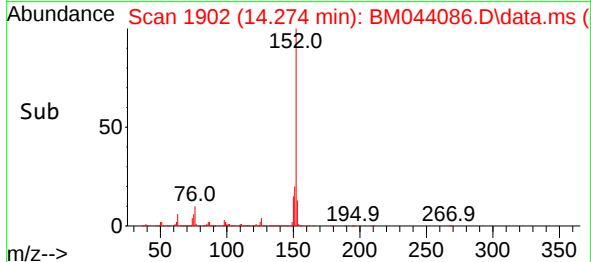
Instrument :
BNA_M
ClientSampleId :
TP-3MS



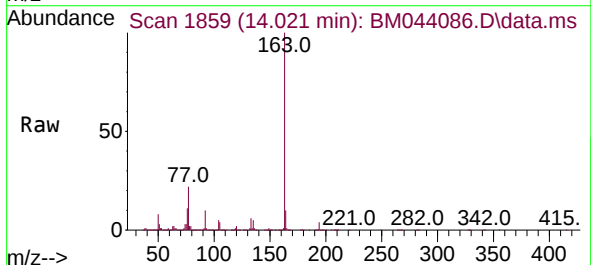
Tgt Ion:152 Resp: 5279239
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.1 10.5 15.7

Manual Integrations
APPROVED

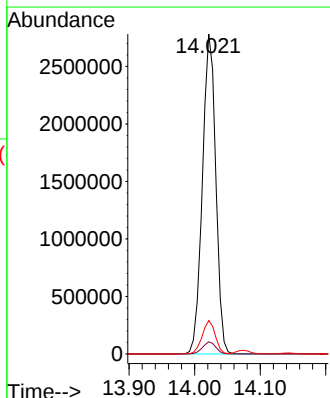
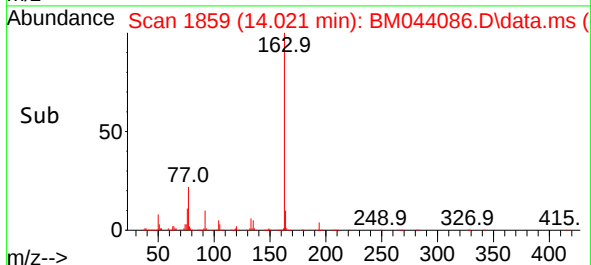
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

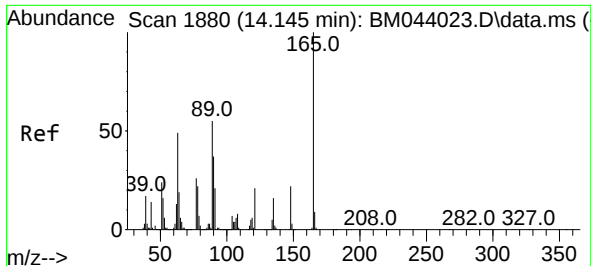


#50
Dimethylphthalate
Concen: 49.367 ng
RT: 14.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



Tgt Ion:163 Resp: 3952756
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.2 12.2





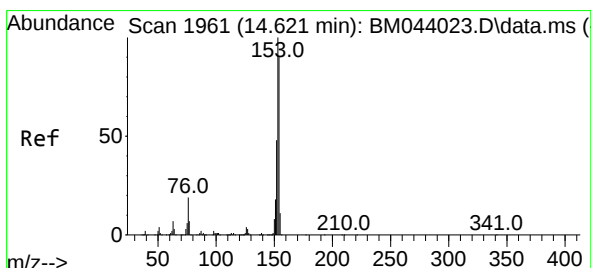
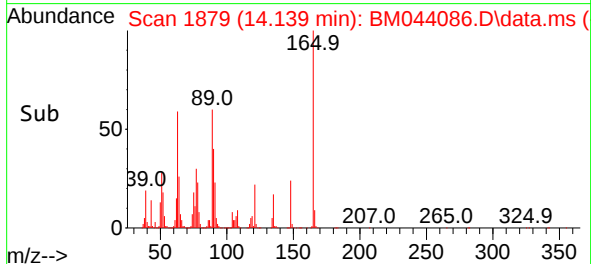
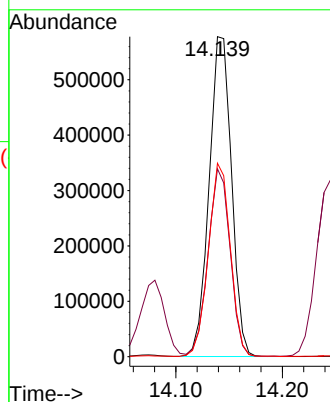
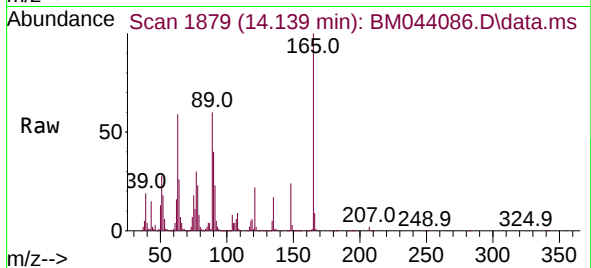
#51
2,6-Dinitrotoluene
Concen: 47.795 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Instrument :
BNA_M
ClientSampleId :
TP-3MS

Tgt Ion:165 Resp: 844318
Ion Ratio Lower Upper
165 100
63 58.7 43.5 65.3
89 60.5 44.4 66.6

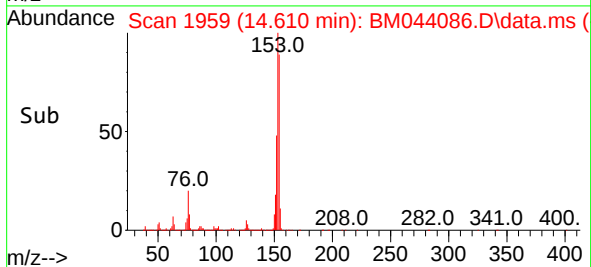
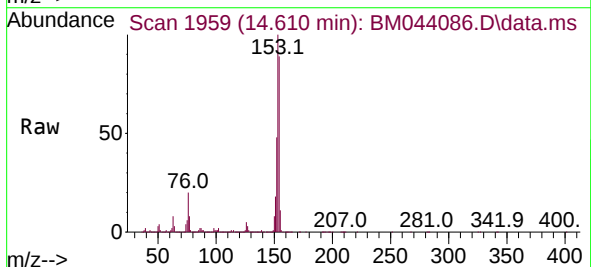
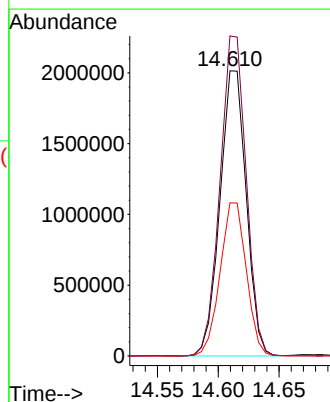
Manual Integrations
APPROVED

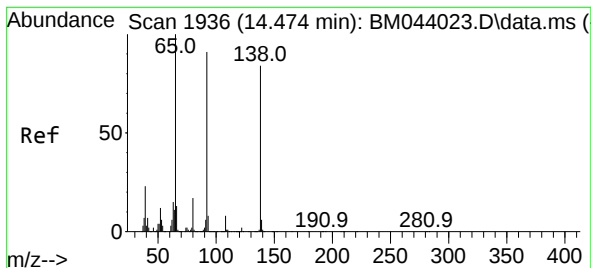
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#52
Acenaphthene
Concen: 48.510 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

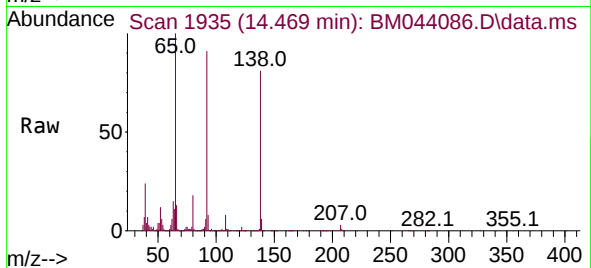
Tgt Ion:154 Resp: 3023407
Ion Ratio Lower Upper
154 100
153 112.3 89.3 133.9
152 53.7 43.0 64.6





#53
3-Nitroaniline
Concen: 26.429 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

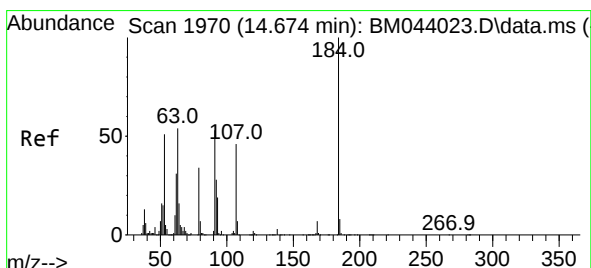
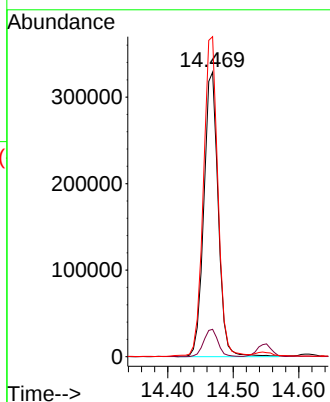
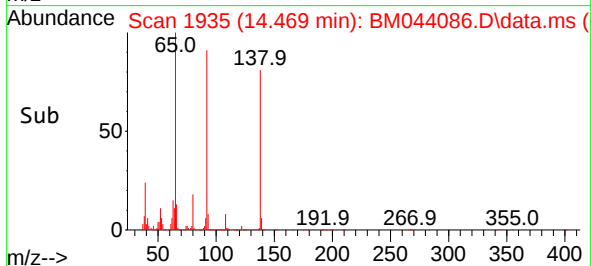
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:138 Resp: 50175
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 112.5 86.5 129.7

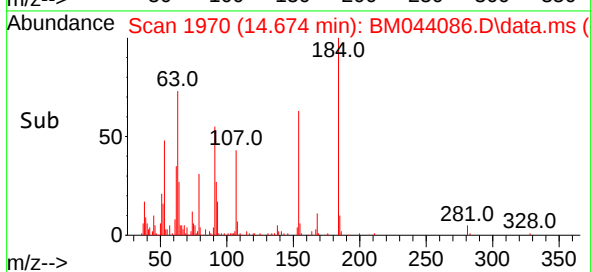
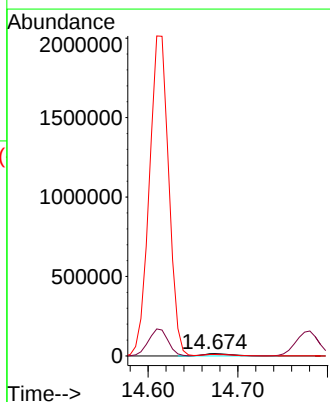
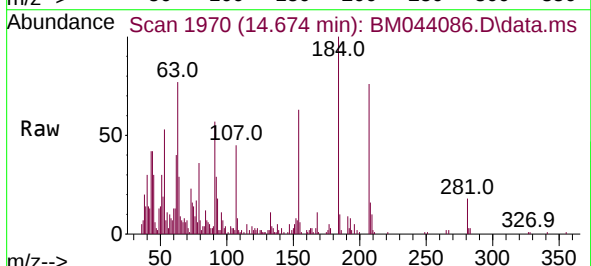
Manual Integrations
APPROVED

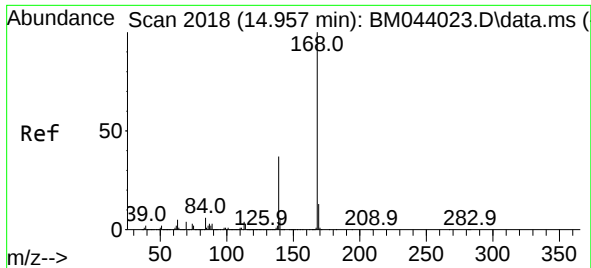
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#54
2,4-Dinitrophenol
Concen: 8.347 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

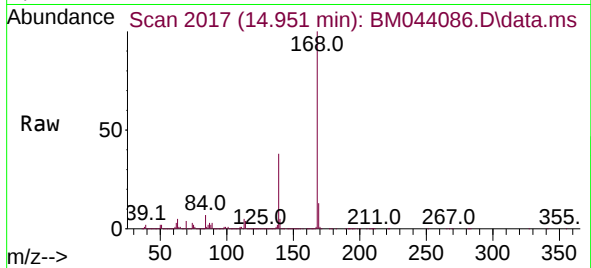
Tgt Ion:184 Resp: 31459
Ion Ratio Lower Upper
184 100
63 76.9 55.4 83.2
154 62.8 49.2 73.8





#55
Dibenzofuran
Concen: 48.129 ng
RT: 14.951 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

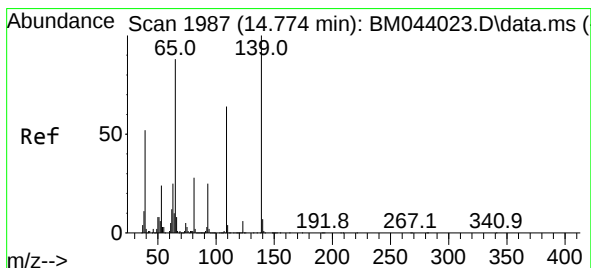
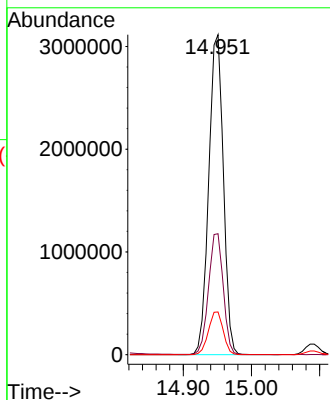
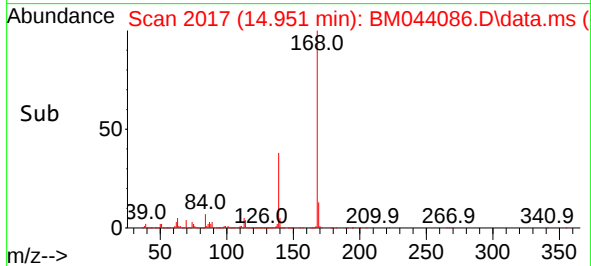
Instrument :
BNA_M
ClientSampleId :
TP-3MS



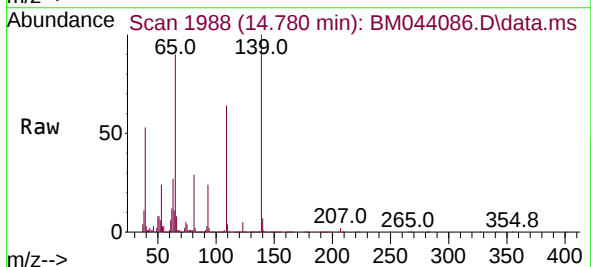
Tgt Ion:168 Resp: 4642798
Ion Ratio Lower Upper
168 100
139 37.8 29.6 44.4
169 13.3 10.5 15.7

Manual Integrations
APPROVED

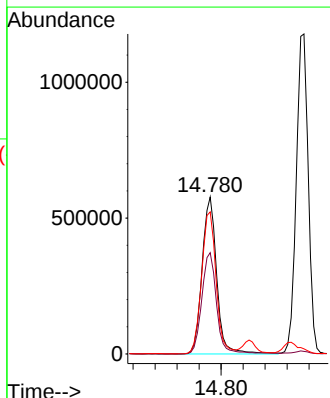
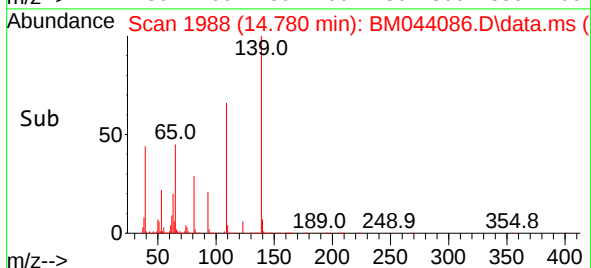
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

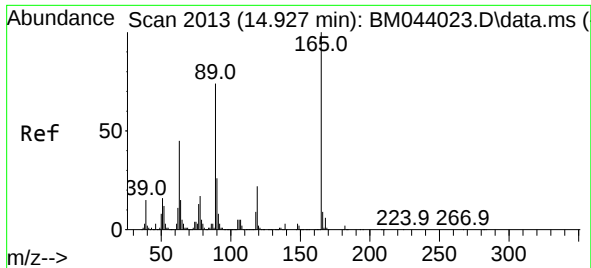


#56
4-Nitrophenol
Concen: 69.185 ng
RT: 14.780 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



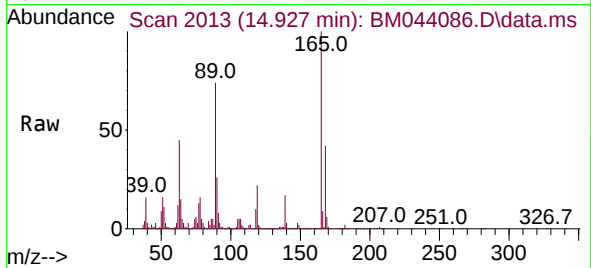
Tgt Ion:139 Resp: 1067737
Ion Ratio Lower Upper
139 100
109 64.5 43.8 83.8
65 90.5 67.7 107.7





#57
2,4-Dinitrotoluene
Concen: 47.619 ng
RT: 14.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

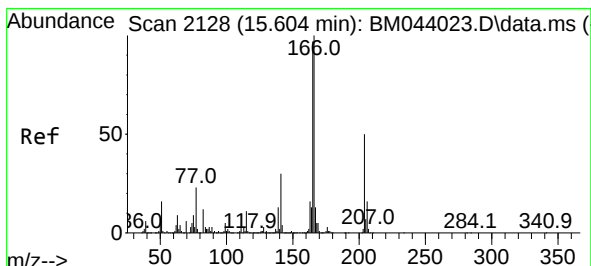
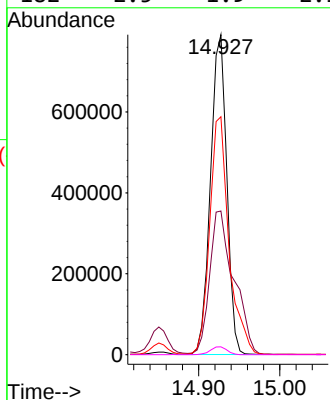
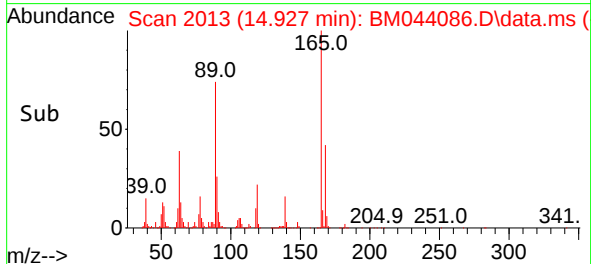
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:165 Resp: 1099460
Ion Ratio Lower Upper
165 100
63 44.9 35.9 53.9
89 74.4 58.9 88.3
182 2.5 1.9 2.9

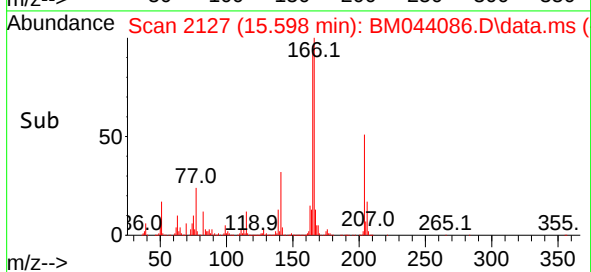
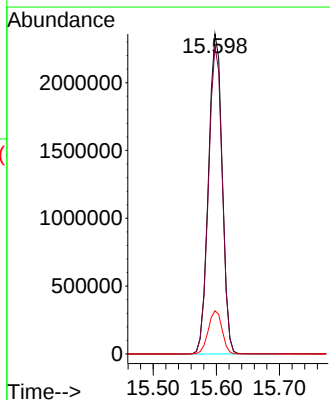
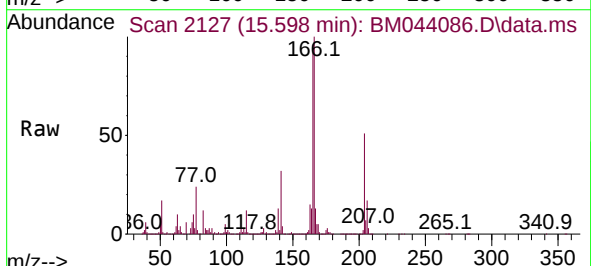
Manual Integrations
APPROVED

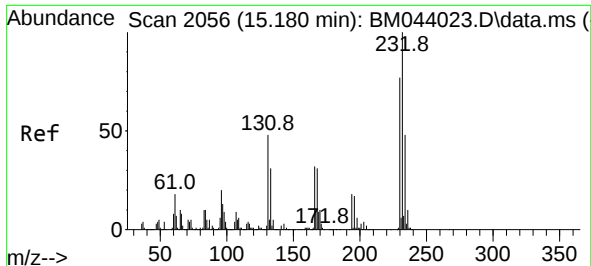
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#58
Fluorene
Concen: 47.730 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

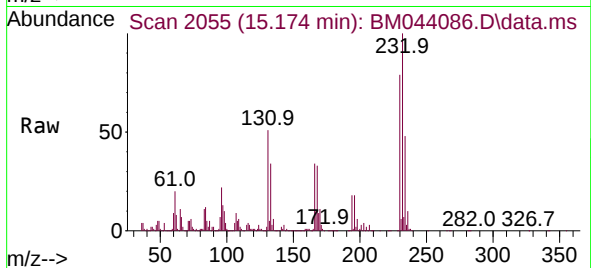
Tgt Ion:166 Resp: 3557922
Ion Ratio Lower Upper
166 100
165 96.1 77.7 116.5
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.171 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

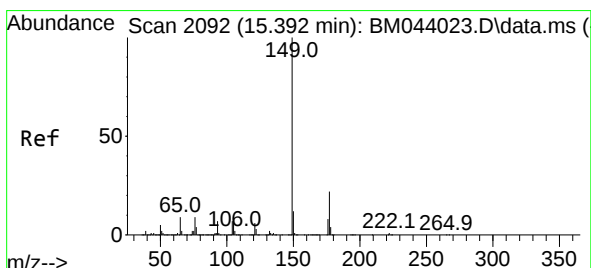
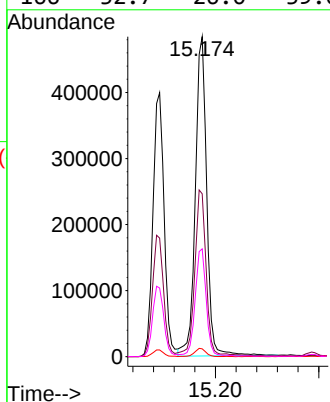
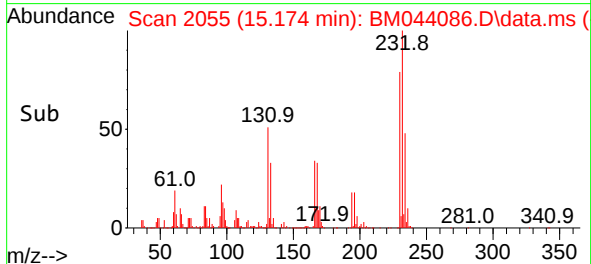
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:232 Resp: 738950
Ion Ratio Lower Upper
232 100
131 51.9 39.5 59.3
130 2.6 2.0 3.0
166 32.7 26.0 39.0

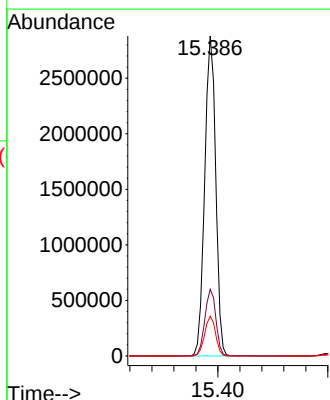
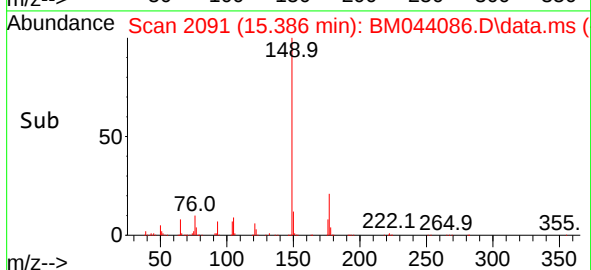
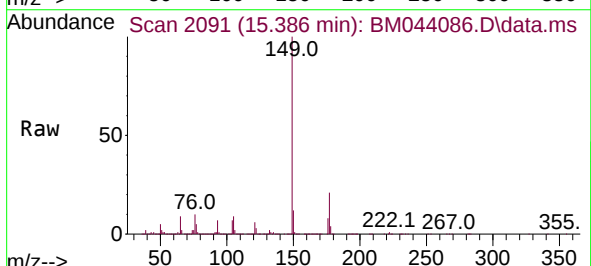
Manual Integrations
APPROVED

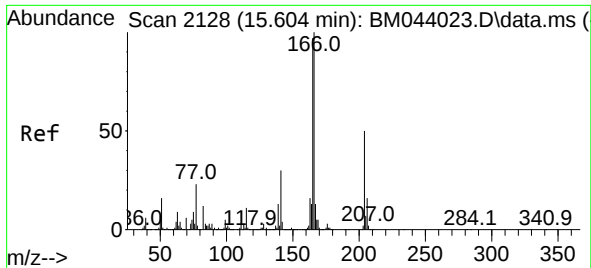
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#60
Diethylphthalate
Concen: 48.247 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

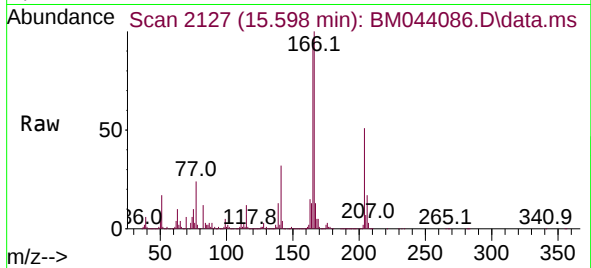
Tgt Ion:149 Resp: 3992396
Ion Ratio Lower Upper
149 100
177 20.8 17.5 26.3
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 46.378 ng
RT: 15.598 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

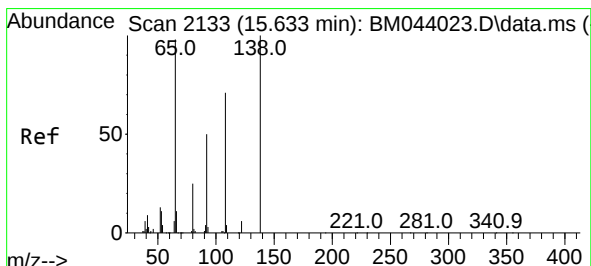
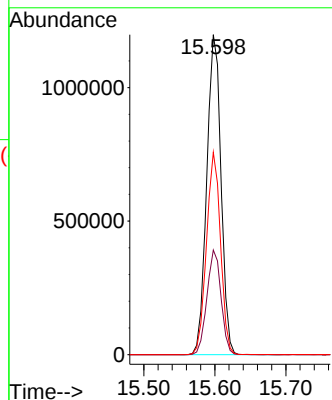
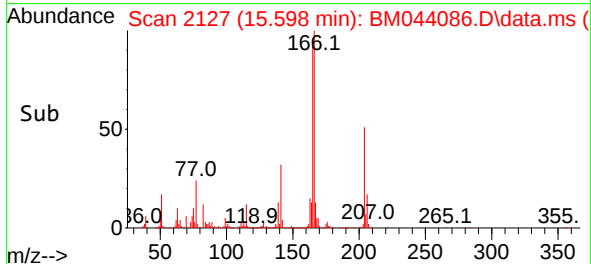
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:204 Resp: 167515
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 63.3 47.7 71.5

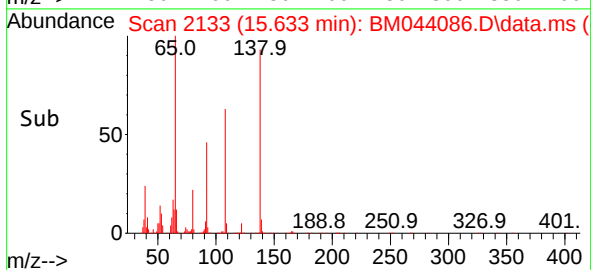
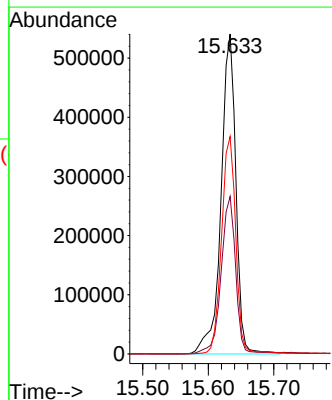
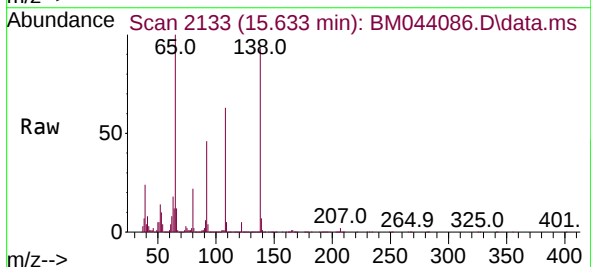
Manual Integrations
APPROVED

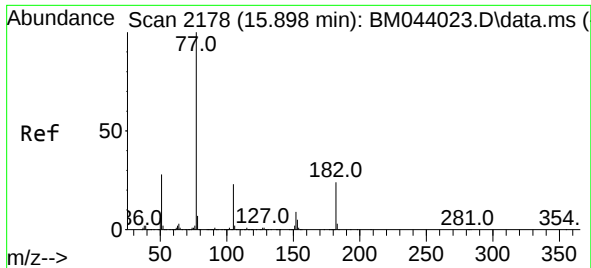
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#62
4-Nitroaniline
Concen: 44.342 ng
RT: 15.633 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

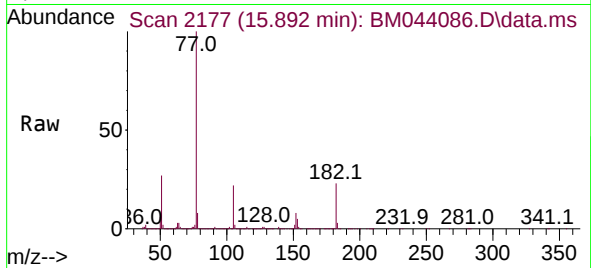
Tgt Ion:138 Resp: 847400
Ion Ratio Lower Upper
138 100
92 49.2 29.6 69.6
108 67.9 47.8 87.8





#63
 Azobenzene
 Concen: 52.282 ng
 RT: 15.892 min Scan# 2177
 Delta R.T. -0.006 min
 Lab File: BM044086.D
 Acq: 14 Feb 2024 17:13

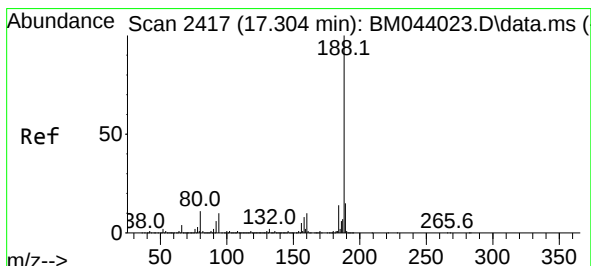
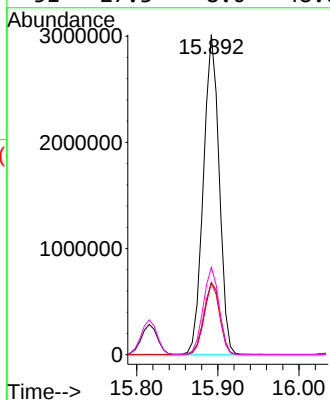
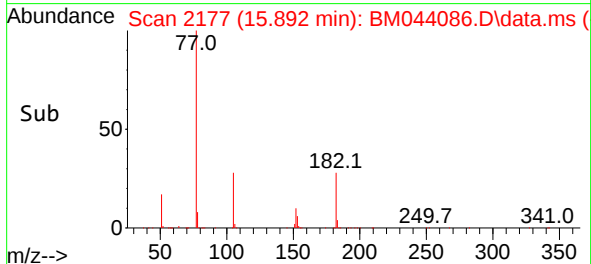
Instrument :
 BNA_M
 ClientSampleId :
 TP-3MS



Tgt Ion: 77 Resp: 4059015
 Ion Ratio Lower Upper
 77 100
 182 22.6 4.0 44.0
 105 22.4 3.3 43.3
 51 27.3 8.0 48.0

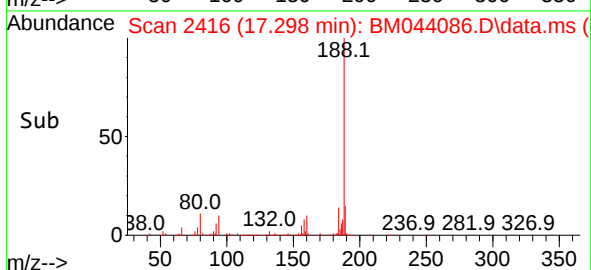
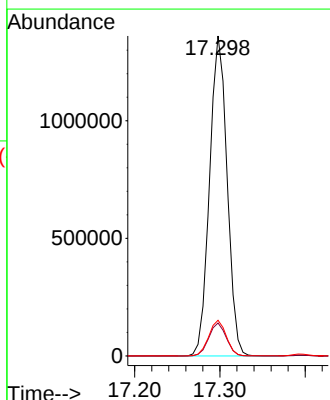
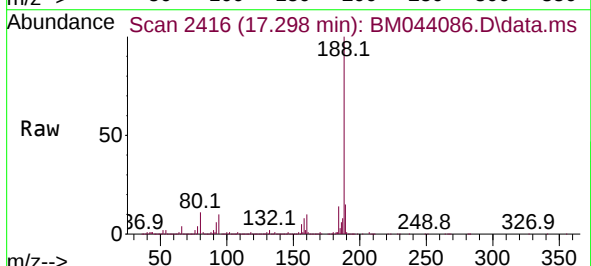
Manual Integrations
 APPROVED

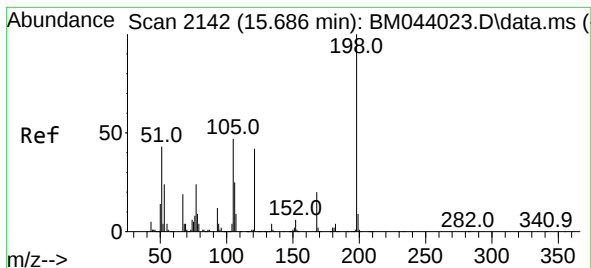
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.298 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BM044086.D
 Acq: 14 Feb 2024 17:13

Tgt Ion:188 Resp: 1946125
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.2 12.2
 80 11.2 8.8 13.2





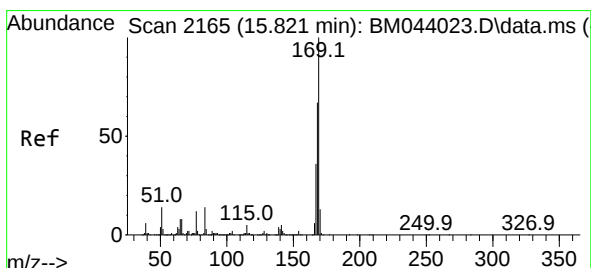
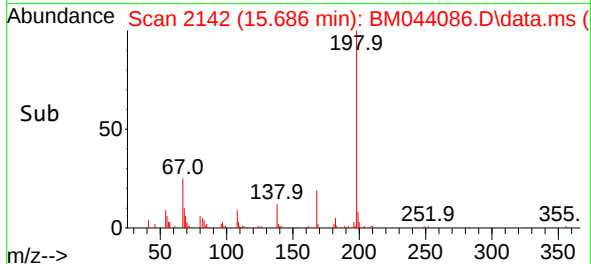
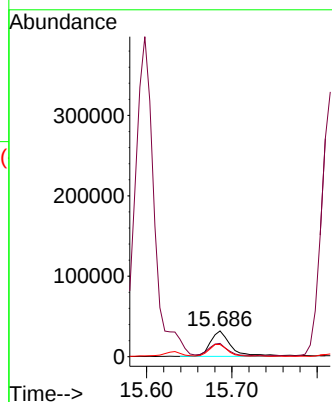
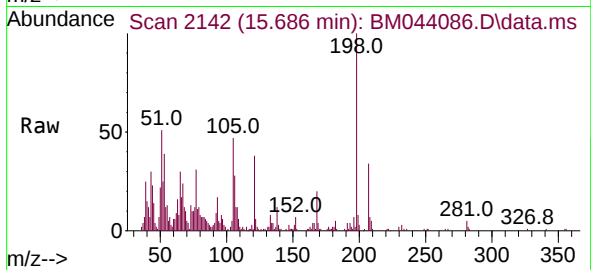
#65
4,6-Dinitro-2-methylphenol
Concen: 4.590 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Instrument :
BNA_M
ClientSampleId :
TP-3MS

Tgt Ion:198 Resp: 53224
Ion Ratio Lower Upper
198 100
51 51.2 29.9 69.9
105 47.2 28.7 68.7

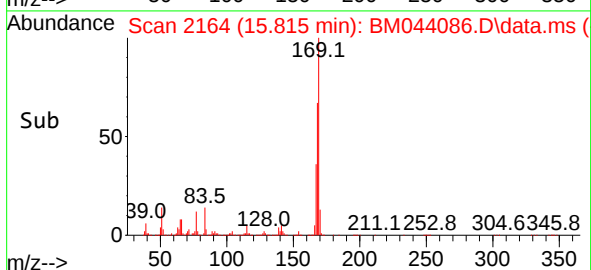
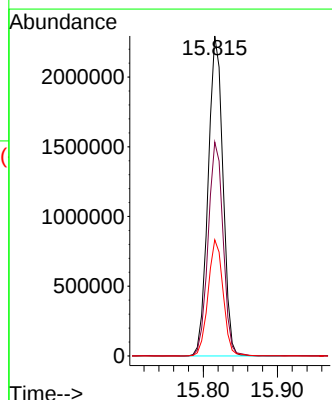
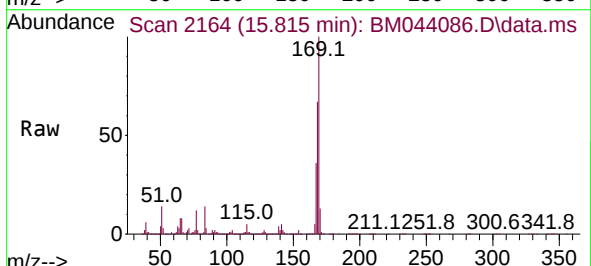
Manual Integrations
APPROVED

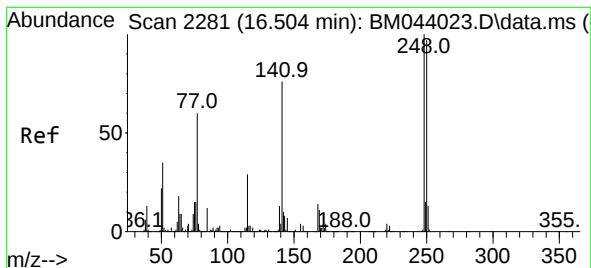
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#66
n-Nitrosodiphenylamine
Concen: 53.877 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

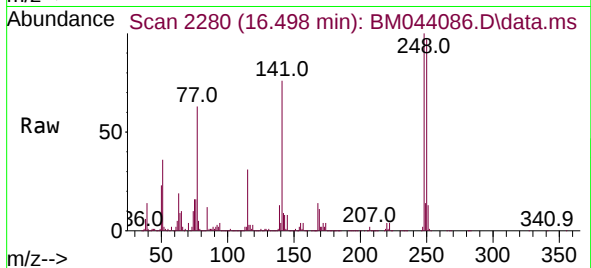
Tgt Ion:169 Resp: 3185518
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 50.849 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

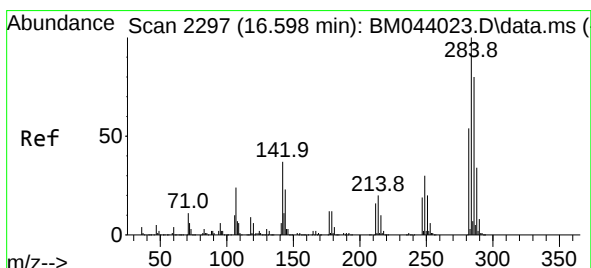
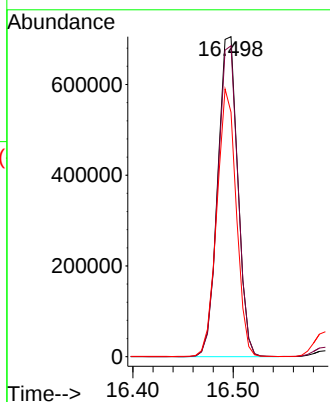
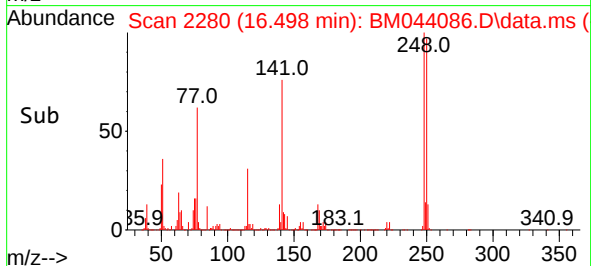
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:248 Resp: 97839
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 76.4 61.0 91.6

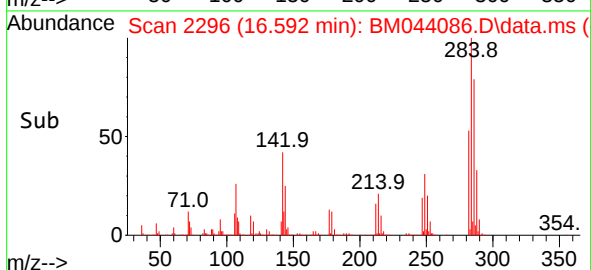
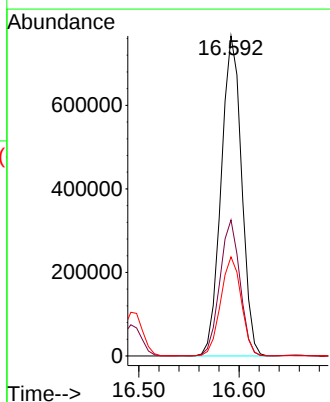
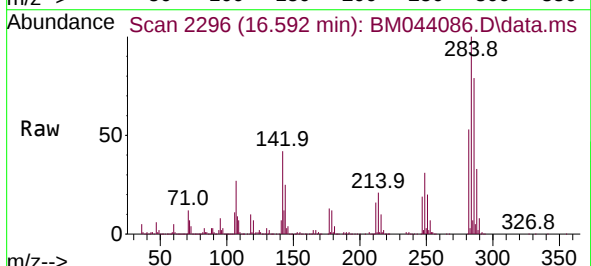
Manual Integrations
APPROVED

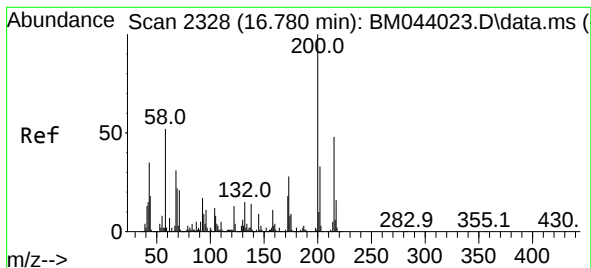
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#68
Hexachlorobenzene
Concen: 46.099 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Tgt Ion:284 Resp: 1086548
Ion Ratio Lower Upper
284 100
142 42.5 30.0 45.0
249 30.9 24.1 36.1





#69

Atrazine

Concen: 59.525 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

Instrument :

BNA_M

ClientSampleId :

TP-3MS

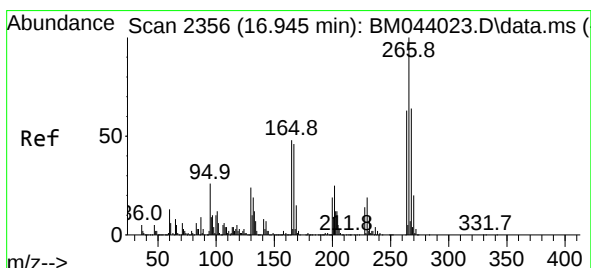
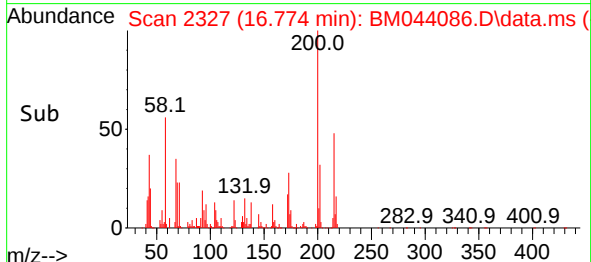
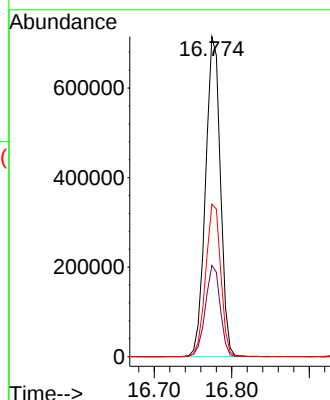
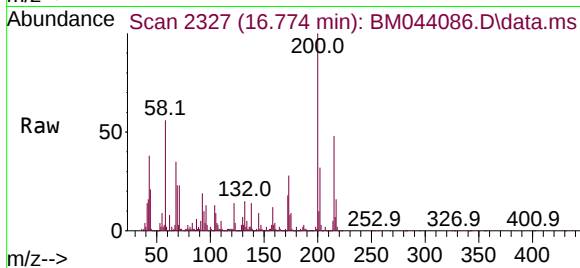
Tgt Ion:200 Resp: 95298
 Ion Ratio Lower Upper
 200 100
 173 28.5 7.9 47.9
 215 47.7 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#70

Pentachlorophenol

Concen: 21.409 ng

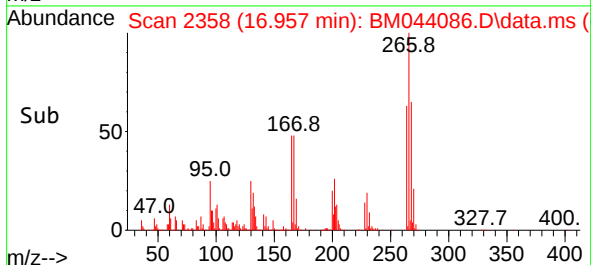
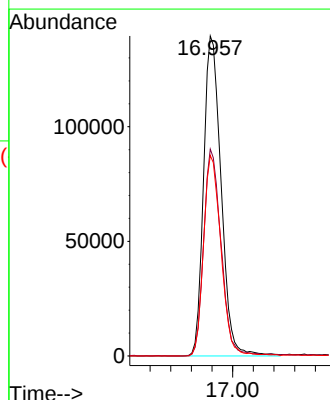
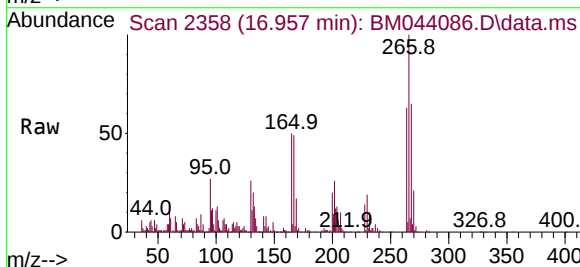
RT: 16.957 min Scan# 2358

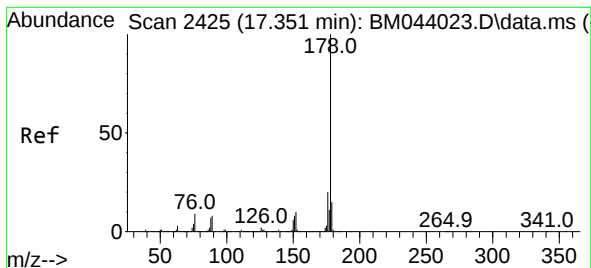
Delta R.T. 0.012 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

Tgt Ion:266 Resp: 328261
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 62.7 50.5 75.7





#71

Phenanthrene

Concen: 51.105 ng

RT: 17.345 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

Instrument :

BNA_M

ClientSampleId :

TP-3MS

Tgt Ion:178 Resp: 5251979

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

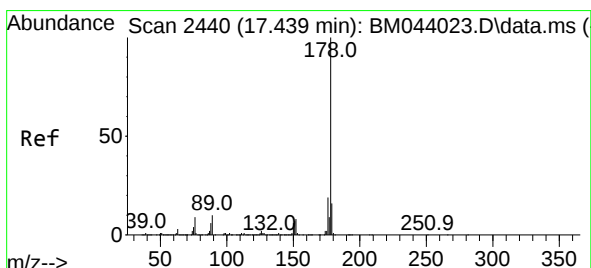
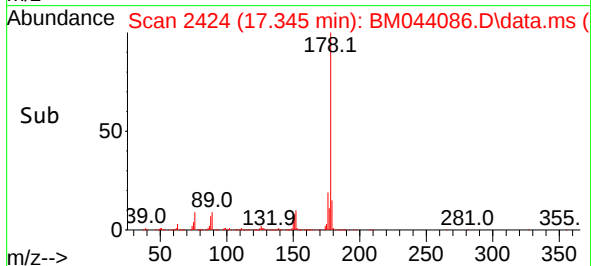
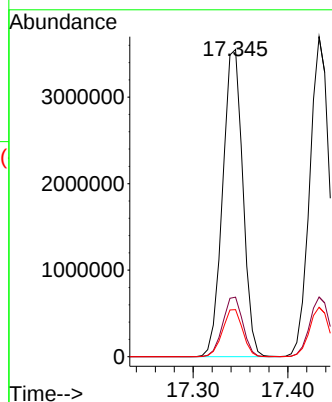
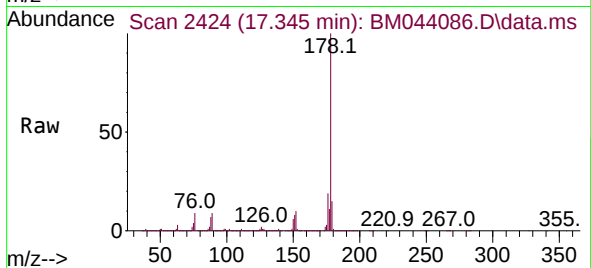
179 15.3 12.2 18.4

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#72

Anthracene

Concen: 52.190 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

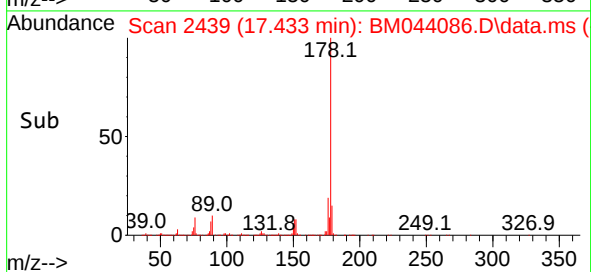
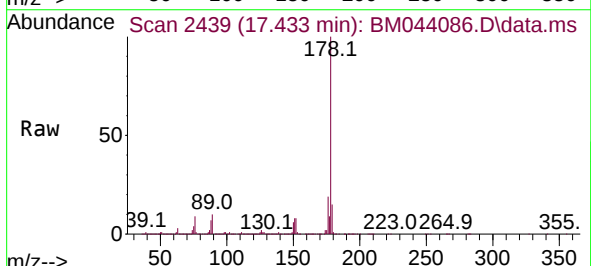
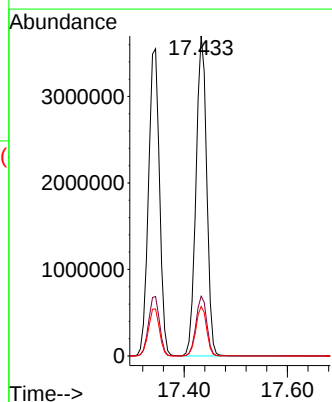
Tgt Ion:178 Resp: 5309793

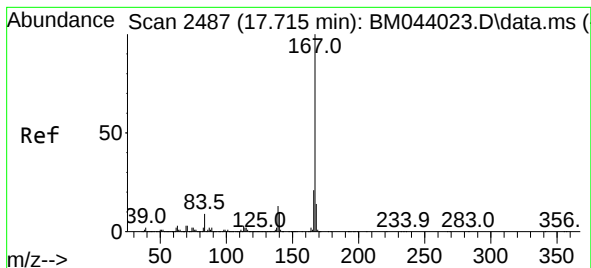
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.4 12.4 18.6





#73

Carbazole

Concen: 47.390 ng

RT: 17.709 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM044086.D

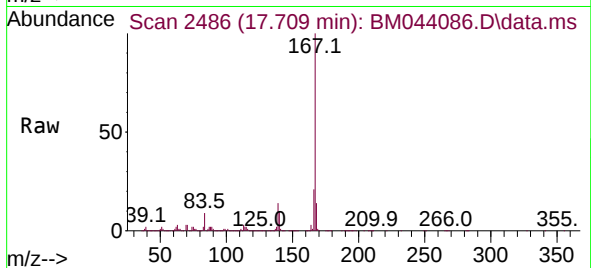
Acq: 14 Feb 2024 17:13

Instrument :

BNA_M

ClientSampleId :

TP-3MS



Tgt Ion:167 Resp: 4688978

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

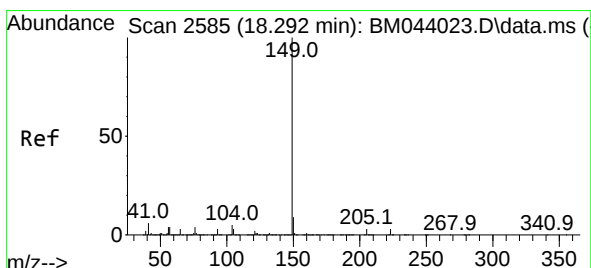
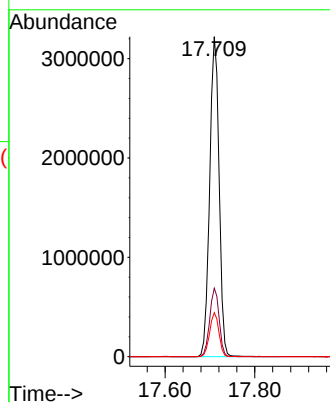
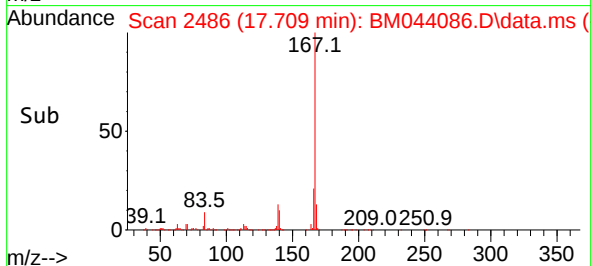
139 13.7 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#74

Di-n-butylphthalate

Concen: 50.694 ng

RT: 18.286 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

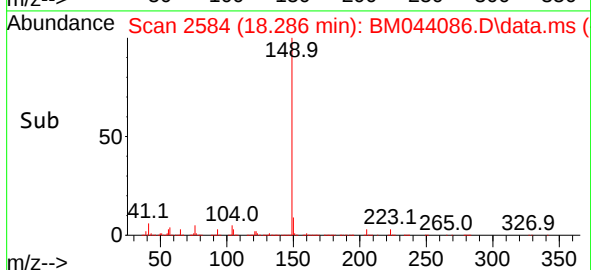
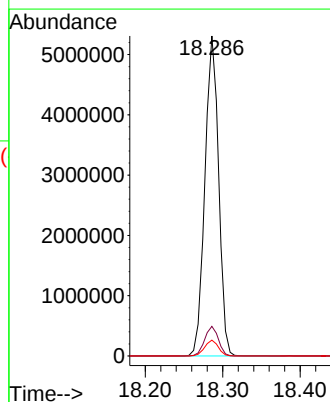
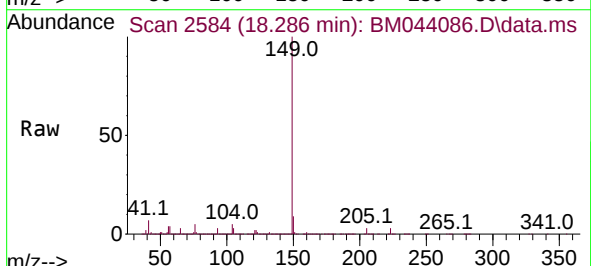
Tgt Ion:149 Resp: 6519694

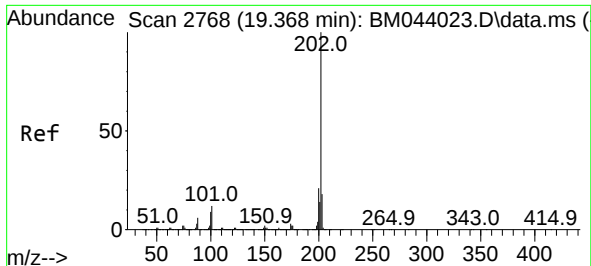
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

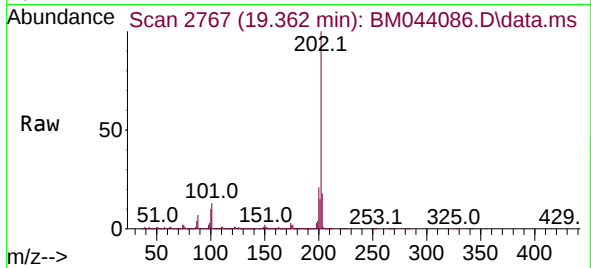
104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 45.163 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

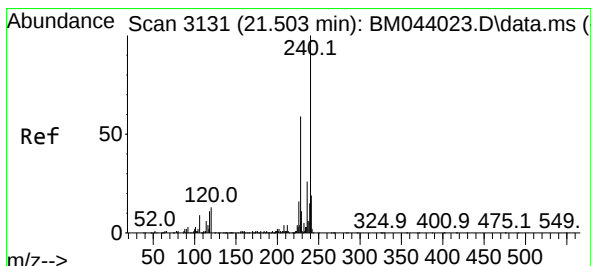
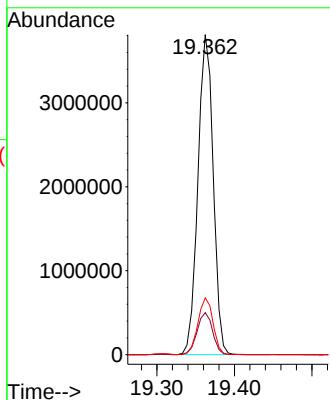
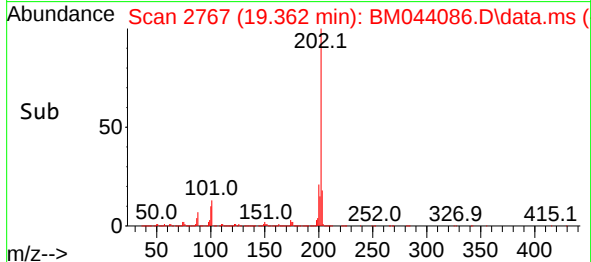
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:202 Resp: 5213600
Ion Ratio Lower Upper
202 100
101 13.2 0.0 32.4
203 17.7 0.0 37.8

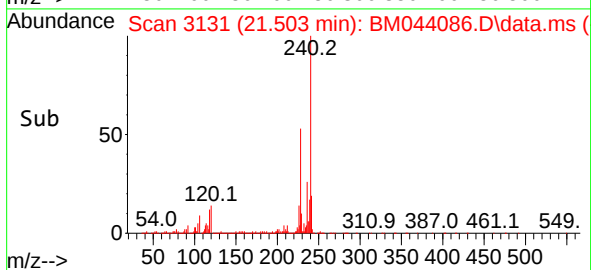
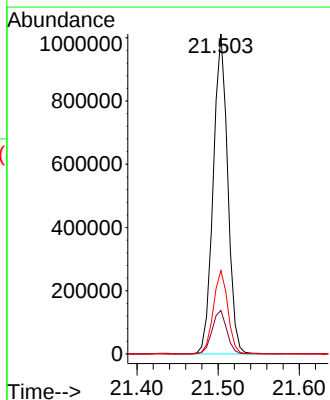
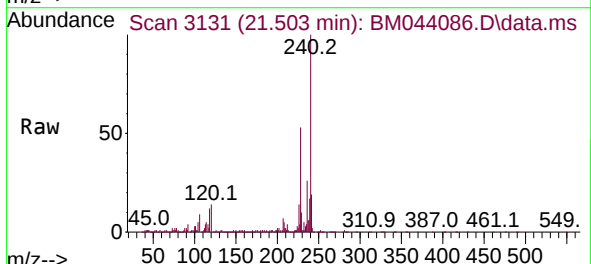
Manual Integrations
APPROVED

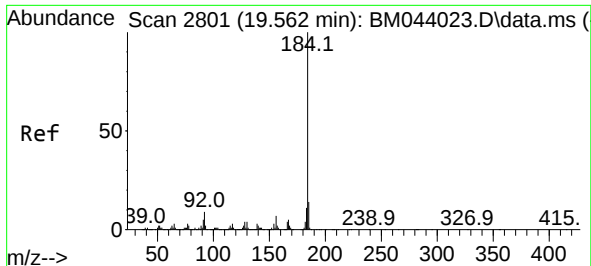
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

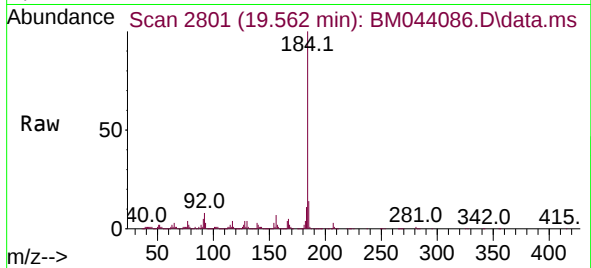
Tgt Ion:240 Resp: 1253127
Ion Ratio Lower Upper
240 100
120 13.6 10.1 15.1
236 26.0 20.6 31.0





#77
Benzidine
Concen: 60.533 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

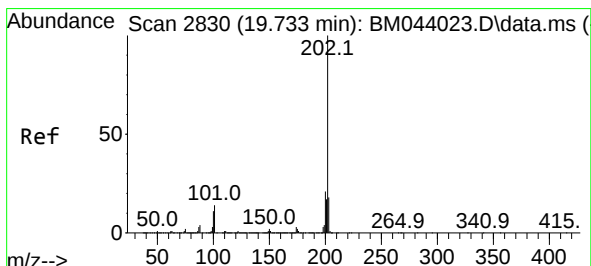
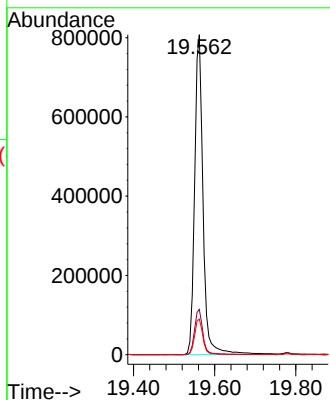
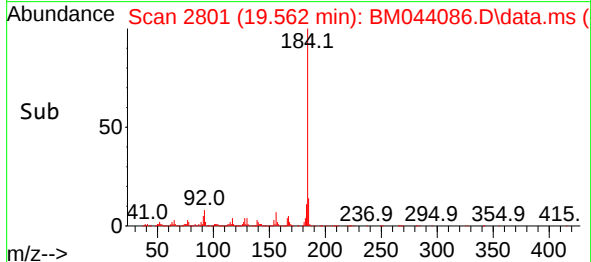
Instrument :
BNA_M
ClientSampleId :
TP-3MS



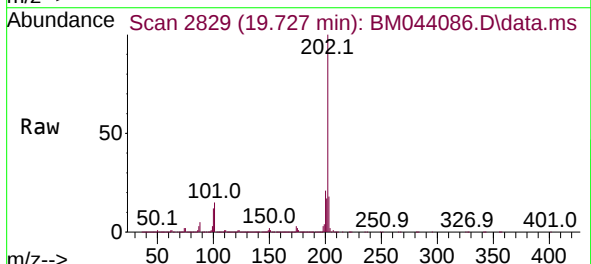
Tgt Ion:184 Resp: 1178810
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.6
183 11.1 9.0 13.4

Manual Integrations
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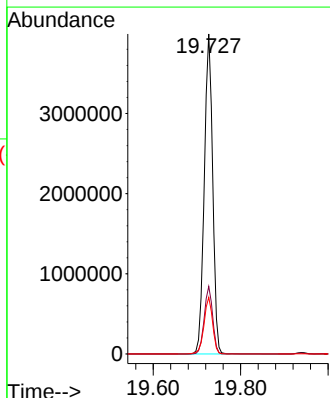
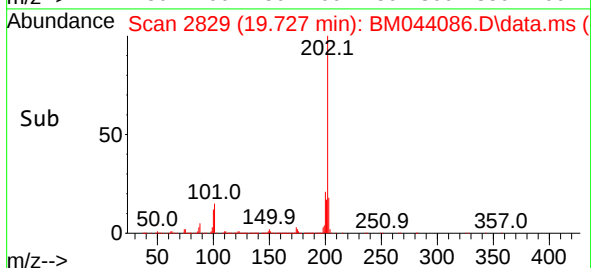
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

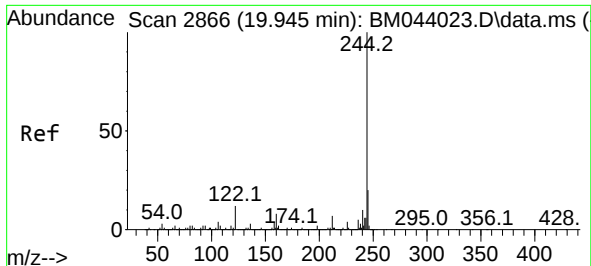


#78
Pyrene
Concen: 55.355 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13



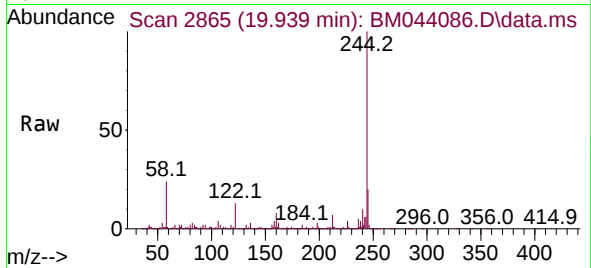
Tgt Ion:202 Resp: 5342336
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 99.619 ng
 RT: 19.939 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BM044086.D
 Acq: 14 Feb 2024 17:13

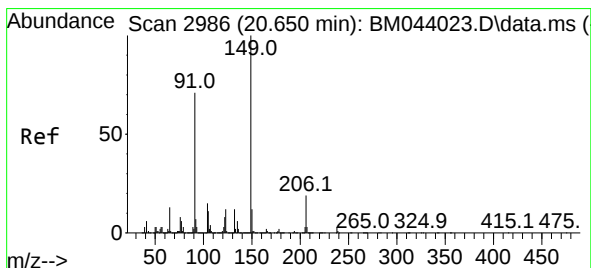
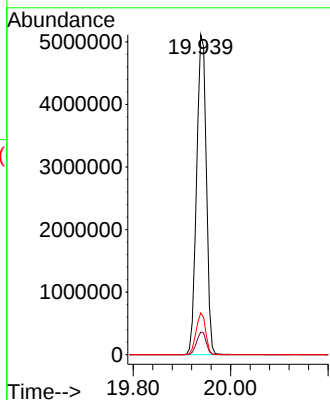
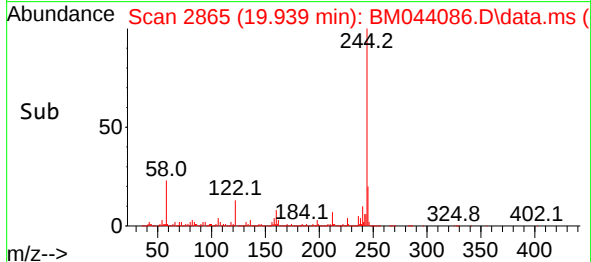
Instrument :
 BNA_M
 ClientSampleId :
 TP-3MS



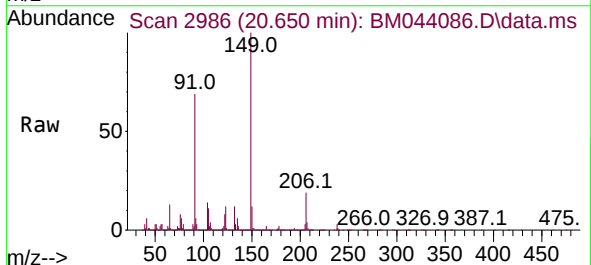
Tgt Ion:244 Resp: 7121070
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 13.0 9.5 14.3

Manual Integrations
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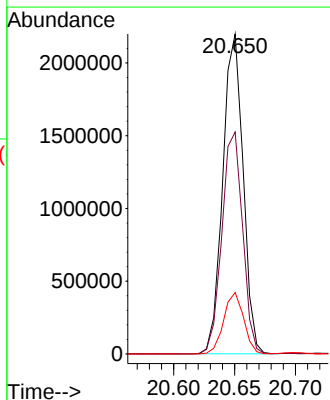
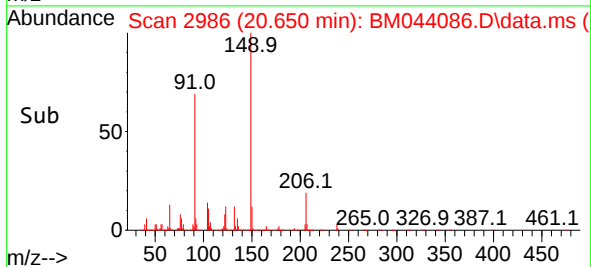
Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

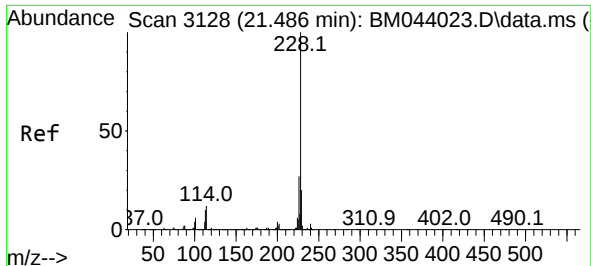


#80
 Butylbenzylphthalate
 Concen: 59.526 ng
 RT: 20.650 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BM044086.D
 Acq: 14 Feb 2024 17:13



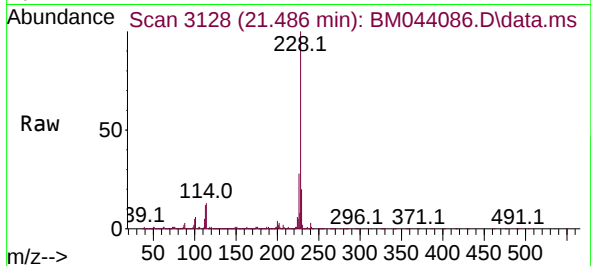
Tgt Ion:149 Resp: 2553620
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.8 85.2
 206 19.2 15.0 22.6





#81
Benzo(a)anthracene
Concen: 52.391 ng
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

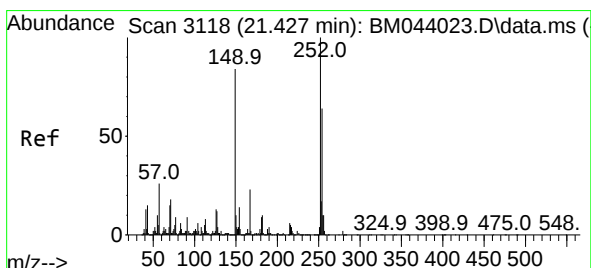
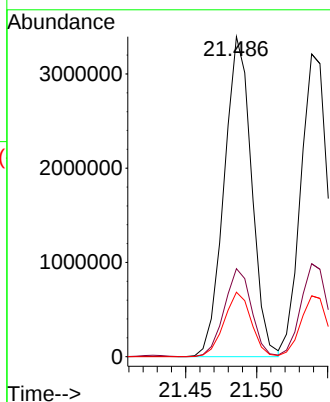
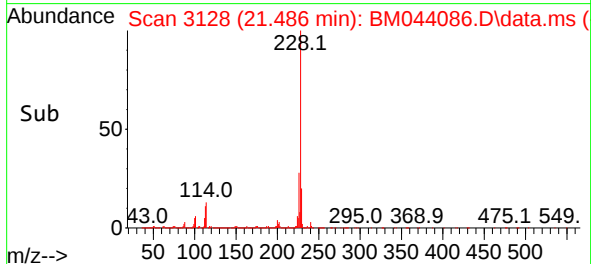
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:228 Resp: 4566779
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.2
229 20.1 15.9 23.9

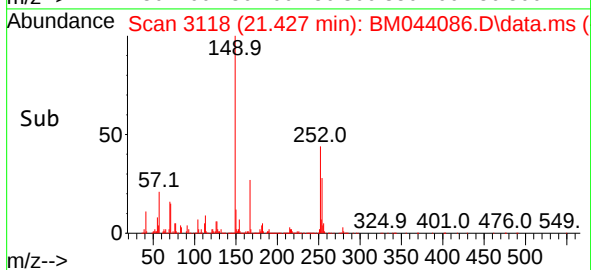
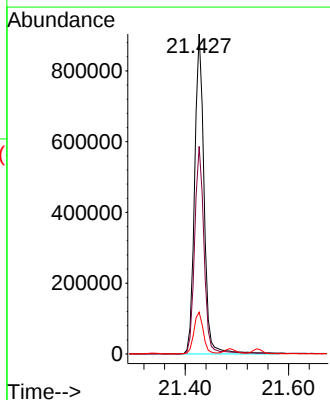
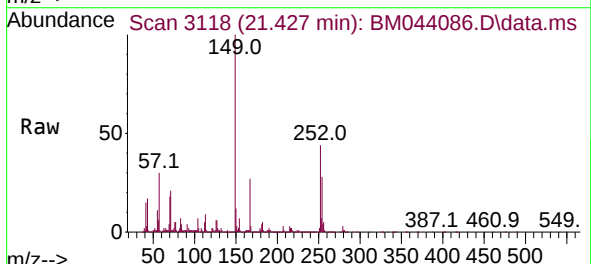
Manual Integrations
APPROVED

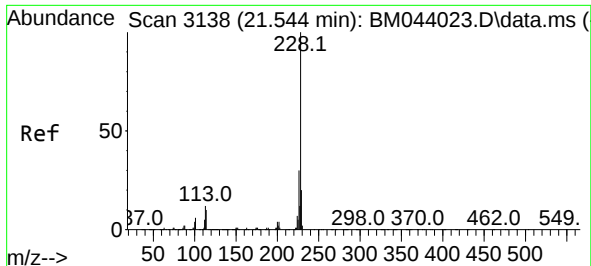
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.194 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Tgt Ion:252 Resp: 1149558
Ion Ratio Lower Upper
252 100
254 64.9 51.2 76.8
126 13.1 10.2 15.4





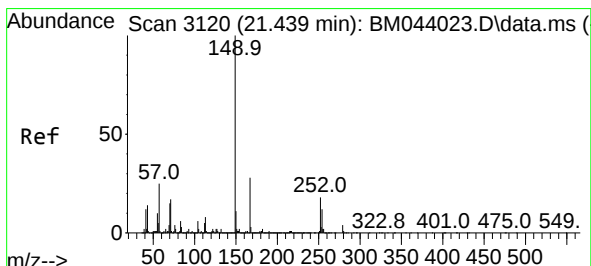
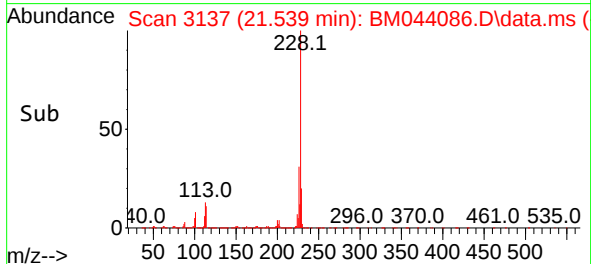
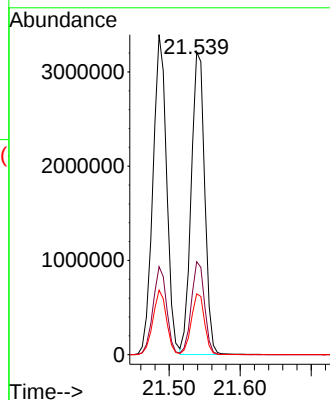
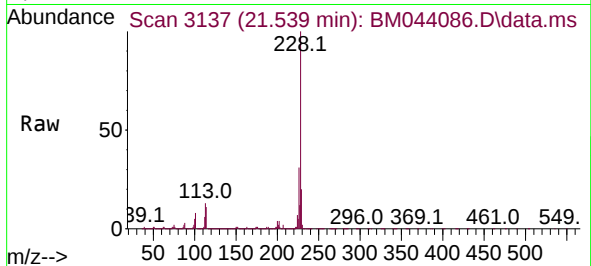
#83
Chrysene
Concen: 51.431 ng
RT: 21.539 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Instrument :
BNA_M
ClientSampleId :
TP-3MS

Tgt Ion:228 Resp: 423549
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.1 15.8 23.8

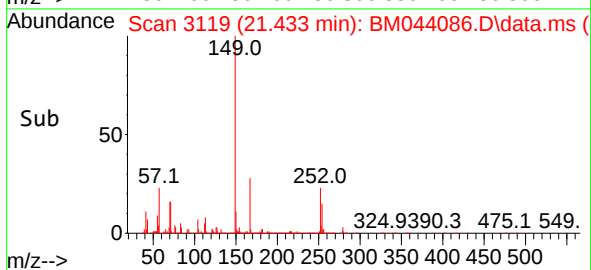
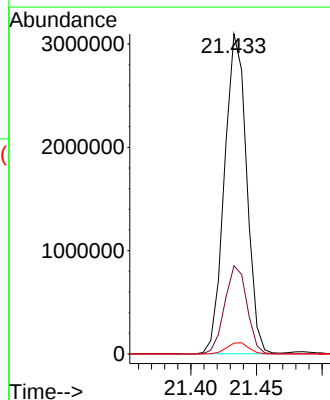
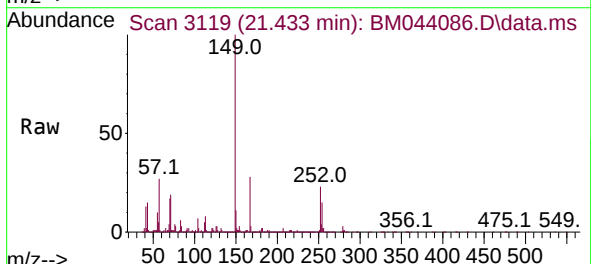
Manual Integrations
APPROVED

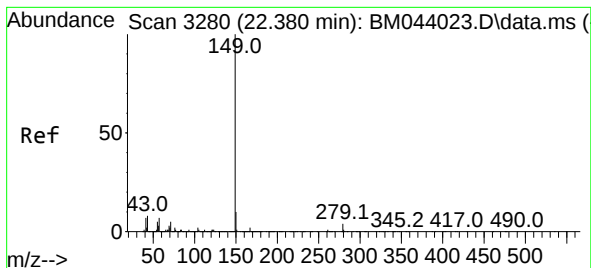
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.449 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Tgt Ion:149 Resp: 3636337
Ion Ratio Lower Upper
149 100
167 27.6 22.6 33.8
279 3.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.535 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

Instrument :

BNA_M

ClientSampleId :

TP-3MS

Tgt Ion:149 Resp: 624961

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

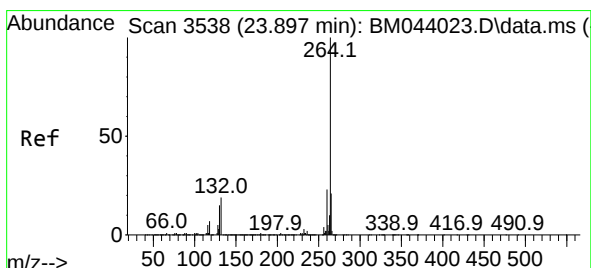
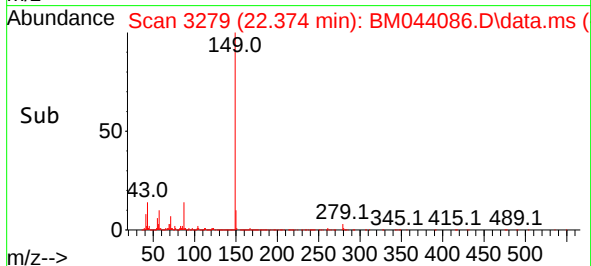
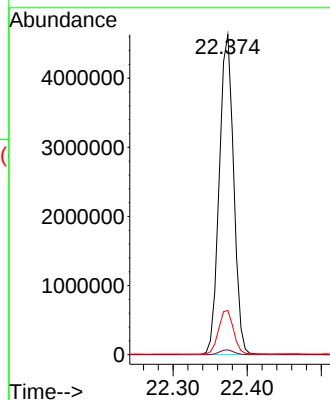
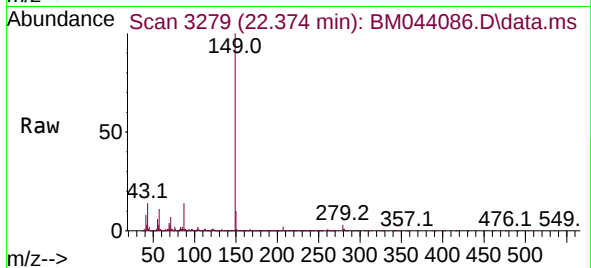
43 14.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.897 min Scan# 3538

Delta R.T. 0.000 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

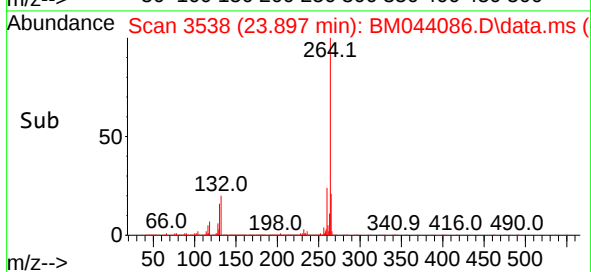
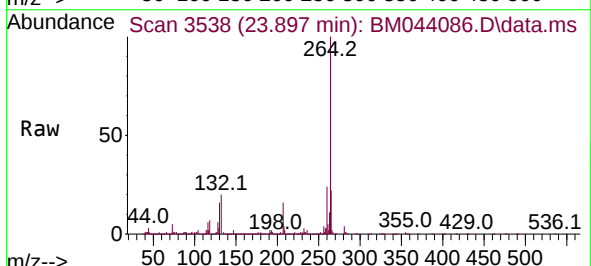
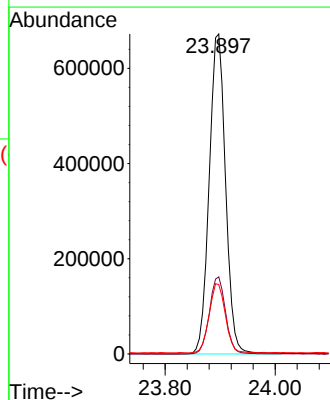
Tgt Ion:264 Resp: 1388830

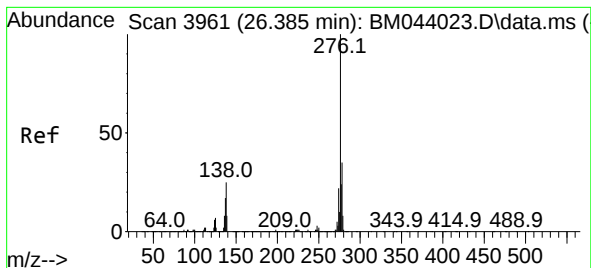
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.117 ng

RT: 26.385 min Scan# 3961

Delta R.T. 0.000 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

Instrument :

BNA_M

ClientSampleId :

TP-3MS

Tgt Ion:276 Resp: 541785

Ion Ratio Lower Upper

276 100

138 29.7 22.6 34.0

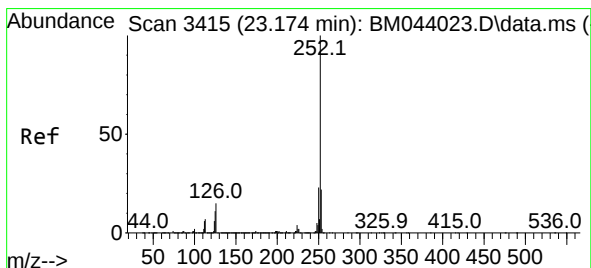
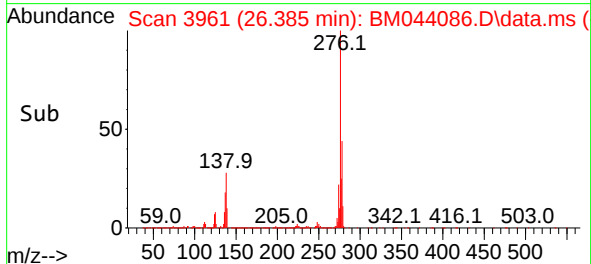
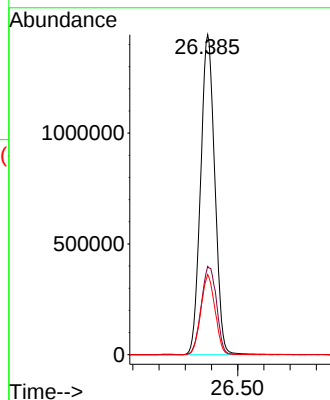
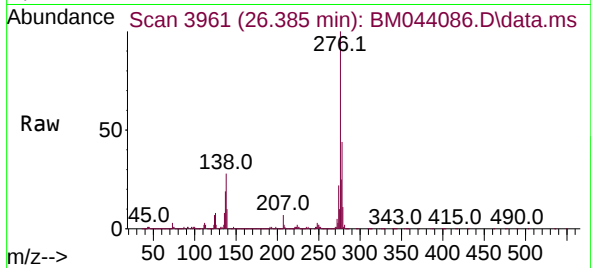
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#88

Benzo(b)fluoranthene

Concen: 52.875 ng

RT: 23.174 min Scan# 3415

Delta R.T. 0.000 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

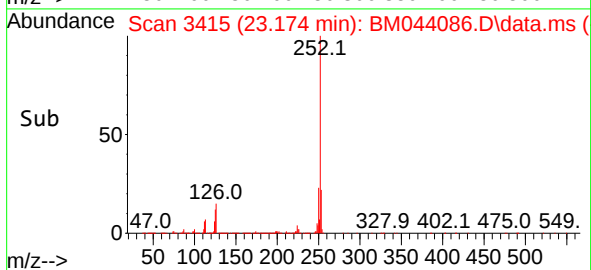
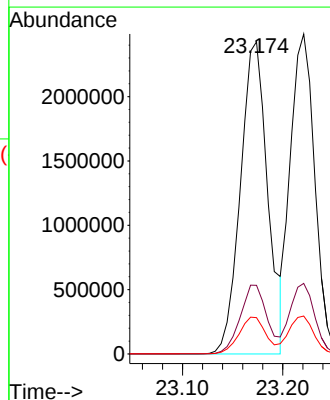
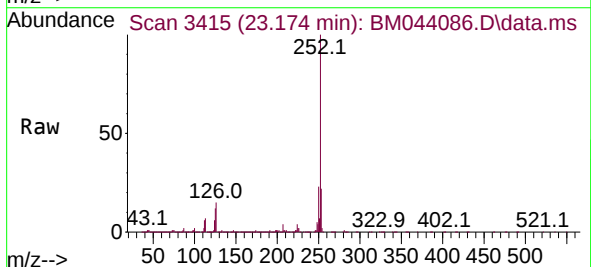
Tgt Ion:252 Resp: 4590459

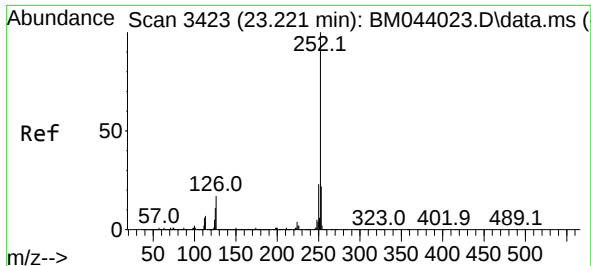
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

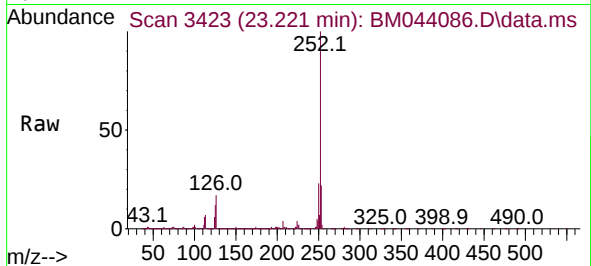
125 11.6 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 50.960 ng
RT: 23.221 min Scan# 3423
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

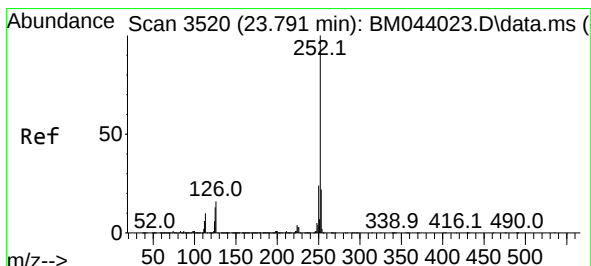
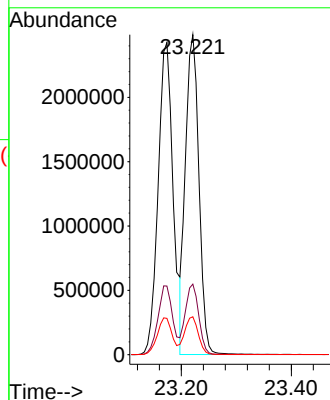
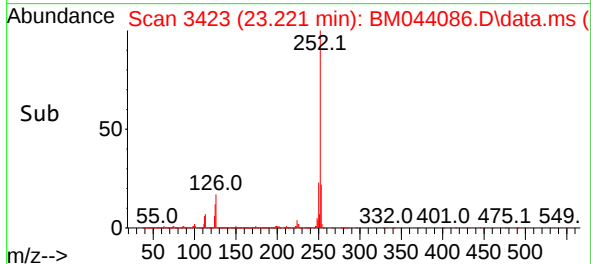
Instrument :
BNA_M
ClientSampleId :
TP-3MS



Tgt Ion:252 Resp: 4203939
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.9 9.0 13.4

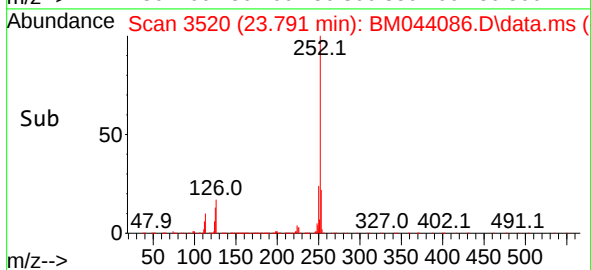
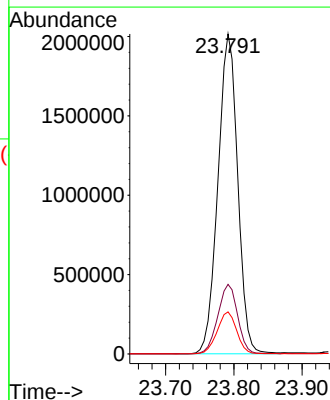
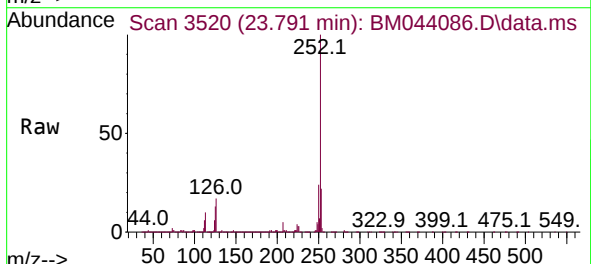
Manual Integrations
APPROVED

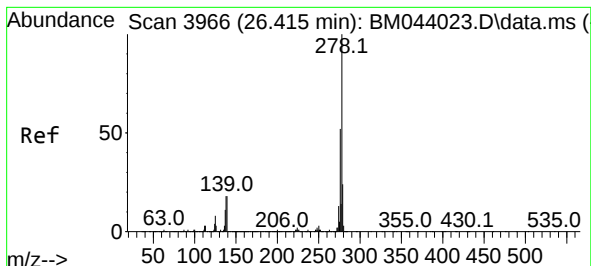
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#90
Benzo(a)pyrene
Concen: 53.586 ng
RT: 23.791 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BM044086.D
Acq: 14 Feb 2024 17:13

Tgt Ion:252 Resp: 4063506
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 13.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 54.312 ng

RT: 26.409 min Scan# 3966

Delta R.T. -0.006 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

Instrument :

BNA_M

ClientSampleId :

TP-3MS

Tgt Ion:278 Resp: 446558

Ion Ratio Lower Upper

278 100

139 19.3 14.5 21.7

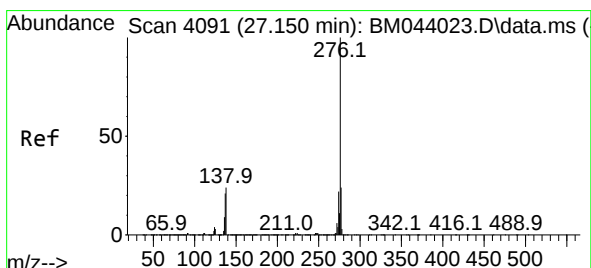
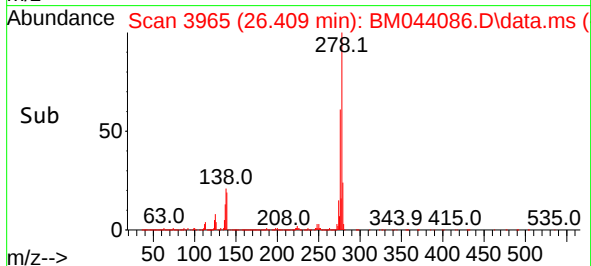
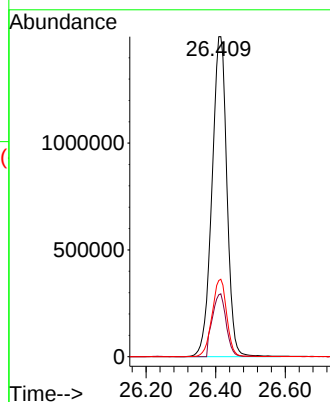
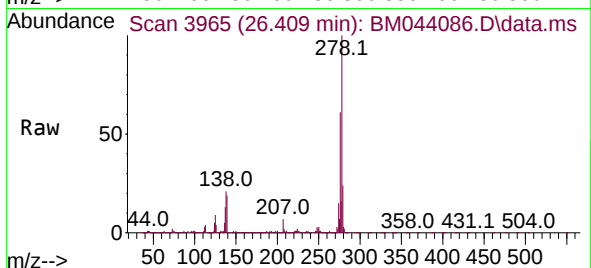
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#92

Benzo(g,h,i)perylene

Concen: 52.268 ng

RT: 27.144 min Scan# 4090

Delta R.T. -0.006 min

Lab File: BM044086.D

Acq: 14 Feb 2024 17:13

Tgt Ion:276 Resp: 4358504

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 26.0 19.1 28.7

