

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138356.D
 Acq On : 26 Jun 2024 17:27
 Operator : CG\JU
 Sample : P2915-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MS

Quant Time: Jun 27 01:54:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	239461	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	915515	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	493754	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	862486	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	473869	20.000	ng	-0.01
86) Perylene-d12	15.509	264	544739	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1443072	100.810	ng	0.00
7) Phenol-d6	6.516	99	1829871	100.810	ng	0.00
23) Nitrobenzene-d5	7.445	82	1107761	70.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	552932	112.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2072442	66.744	ng	-0.01
79) Terphenyl-d14	12.986	244	2059811	68.846	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	245280	37.442	ng	96
3) Pyridine	3.481	79	652098	41.883	ng	96
4) n-Nitrosodimethylamine	3.445	42	317823	44.107	ng	91
6) Aniline	6.545	93	616685	34.721	ng	98
8) 2-Chlorophenol	6.669	128	771318	49.839	ng	99
9) Benzaldehyde	6.428	77	144867	15.026	ng	100
10) Phenol	6.528	94	920562	49.974	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	694038	47.076	ng	99
12) 1,3-Dichlorobenzene	6.822	146	787673	44.784	ng	98
13) 1,4-Dichlorobenzene	6.898	146	798291	45.102	ng	99
14) 1,2-Dichlorobenzene	7.051	146	764407	46.005	ng	99
15) Benzyl Alcohol	7.022	79	608268	49.699	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	892842	42.910	ng	96
17) 2-Methylphenol	7.133	107	589046	48.242	ng	98
18) Hexachloroethane	7.392	117	274275	45.740	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	467187	43.421	ng	98
20) 3+4-Methylphenols	7.286	107	685709	44.617	ng	96
22) Acetophenone	7.292	105	865595	41.388	ng	95
24) Nitrobenzene	7.463	77	736619	45.320	ng	97
25) Isophorone	7.704	82	1311083	46.091	ng	100
26) 2-Nitrophenol	7.780	139	405399	62.028	ng	99
27) 2,4-Dimethylphenol	7.816	122	506914	50.980	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	824505	46.304	ng	99
29) 2,4-Dichlorophenol	8.022	162	612853	47.873	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	676464	44.807	ng	99
31) Naphthalene	8.186	128	1999431	44.167	ng	100
32) Benzoic acid	7.945	122	436239	49.778	ng	95
33) 4-Chloroaniline	8.227	127	259445	15.334	ng	99
34) Hexachlorobutadiene	8.298	225	384450	43.541	ng	99
35) Caprolactam	8.610	113	193048m	49.950	ng	
36) 4-Chloro-3-methylphenol	8.716	107	629725	49.405	ng	98
37) 2-Methylnaphthalene	8.875	142	1342739	45.194	ng	99
38) 1-Methylnaphthalene	8.975	142	1257396	43.188	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	621557	43.079	ng	99
41) Hexachlorocyclopentadiene	9.027	237	541872	115.178	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	461715	51.107	ng	97

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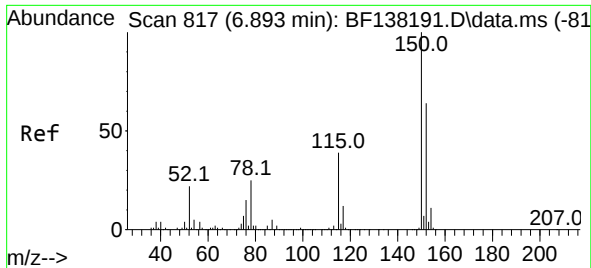
Manual Integrations
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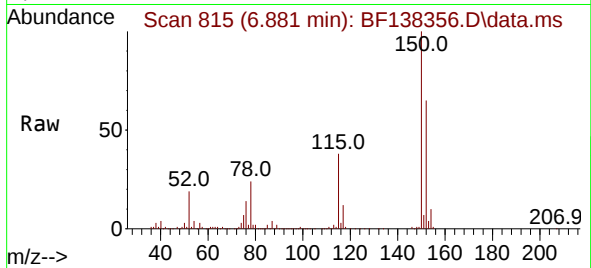
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	497923	50.187	ng	97
46) 1,1'-Biphenyl	9.339	154	1532974	42.311	ng	98
47) 2-Chloronaphthalene	9.363	162	1298901	45.363	ng	98
48) 2-Nitroaniline	9.463	65	375813	54.499	ng	90
49) Acenaphthylene	9.780	152	2001965	49.861	ng	99
50) Dimethylphthalate	9.645	163	1537789	50.832	ng	99
51) 2,6-Dinitrotoluene	9.704	165	355338	54.142	ng	88
52) Acenaphthene	9.951	154	1350956m	49.342	ng	
53) 3-Nitroaniline	9.869	138	223046	31.813	ng	95
54) 2,4-Dinitrophenol	9.980	184	353035	97.630	ng	# 89
55) Dibenzofuran	10.127	168	1770798	46.266	ng	99
56) 4-Nitrophenol	10.039	139	562394	101.503	ng	87
57) 2,4-Dinitrotoluene	10.110	165	473960	58.551	ng	99
58) Fluorene	10.469	166	1334614	44.350	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	395790	51.045	ng	99
60) Diethylphthalate	10.339	149	1442961	50.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	690476	46.070	ng	99
62) 4-Nitroaniline	10.492	138	355100	50.691	ng	92
63) Azobenzene	10.616	77	1344192	46.729	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	262988	58.129	ng	78
66) n-Nitrosodiphenylamine	10.580	169	1240048	46.962	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	467608	48.114	ng	# 92
68) Hexachlorobenzene	11.010	284	532794	46.976	ng	99
69) Atrazine	11.104	200	405004	53.850	ng	98
70) Pentachlorophenol	11.210	266	576126	87.099	ng	98
71) Phenanthrene	11.427	178	1982686	46.484	ng	99
72) Anthracene	11.480	178	2014960	47.581	ng	100
73) Carbazole	11.633	167	1763099	45.392	ng	99
74) Di-n-butylphthalate	11.963	149	2176805	54.135	ng	99
75) Fluoranthene	12.615	202	1939875	44.601	ng	99
77) Benzidine	12.733	184	510230	93.089	ng	98
78) Pyrene	12.845	202	1958539	47.917	ng	99
80) Butylbenzylphthalate	13.462	149	745245	67.030	ng	96
81) Benzo(a)anthracene	14.027	228	1500499	49.357	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	351741	42.015	ng	99
83) Chrysene	14.068	228	1431285	49.393	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	929768	71.902	ng	99
85) Di-n-octyl phthalate	14.627	149	1483984	77.249	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	1662637	46.819	ng	100
88) Benzo(b)fluoranthene	15.080	252	1463839	45.568	ng	98
89) Benzo(k)fluoranthene	15.109	252	1498229	47.589	ng	99
90) Benzo(a)pyrene	15.451	252	1426849	51.702	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	1339455	45.953	ng	98
92) Benzo(g,h,i)perylene	17.439	276	1239477	41.105	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

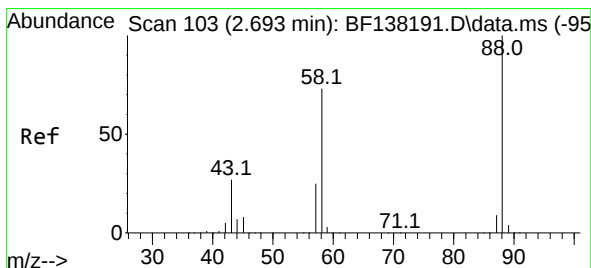
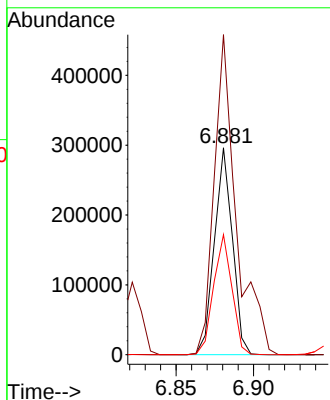
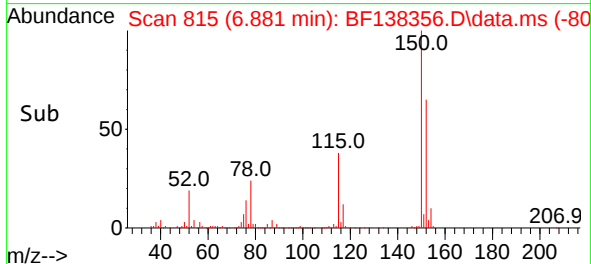
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



Tgt Ion:152 Resp: 23946
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.4
115 58.0 48.4 72.6

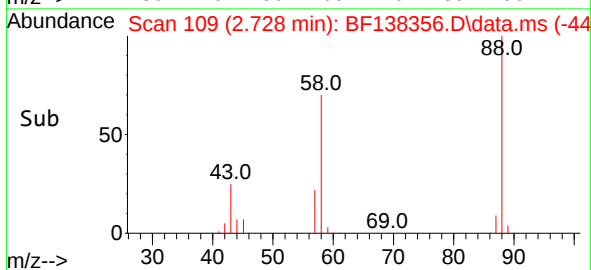
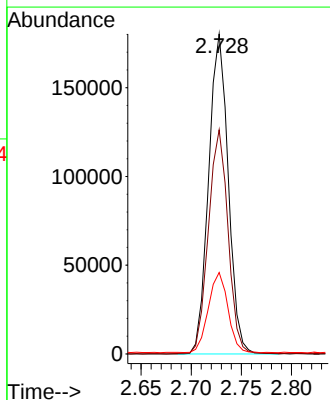
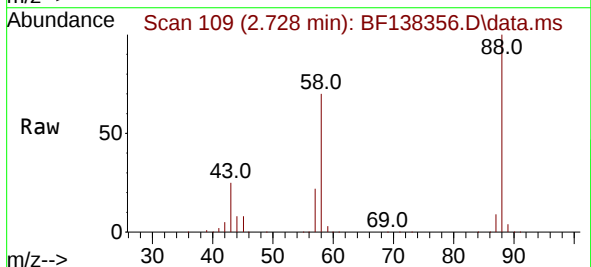
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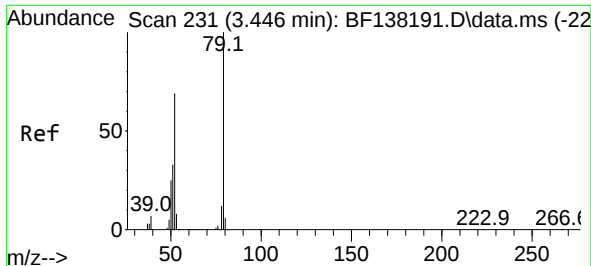
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#2
1,4-Dioxane
Concen: 37.442 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.035 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

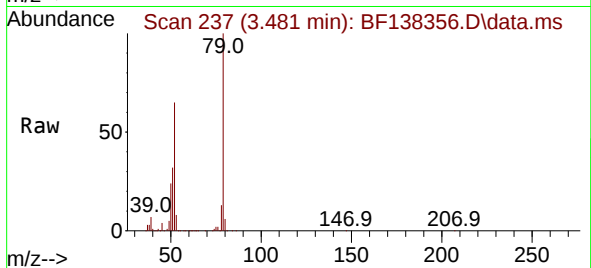
Tgt Ion: 88 Resp: 245280
Ion Ratio Lower Upper
88 100
58 70.5 58.6 87.8
43 25.0 22.4 33.6





#3
Pyridine
Concen: 41.883 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

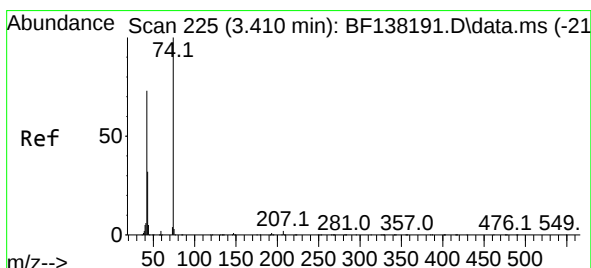
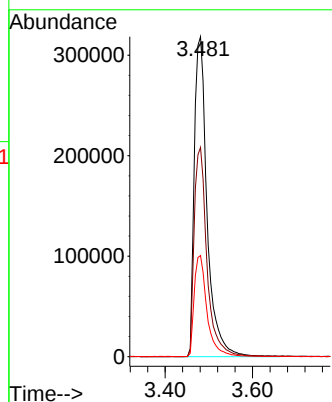
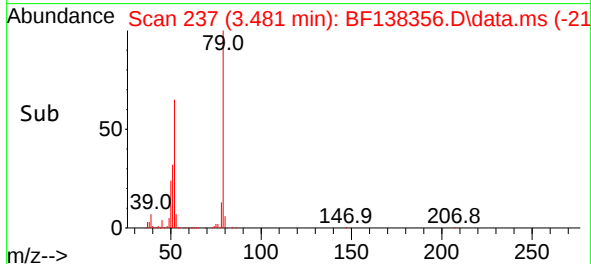
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



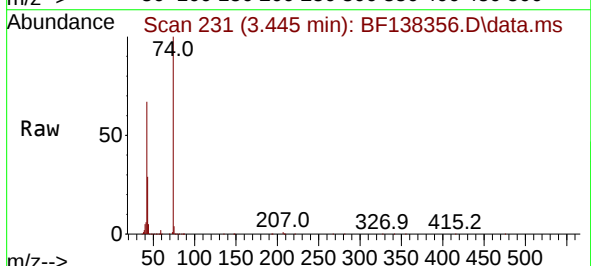
Tgt Ion: 79 Resp: 652098
Ion Ratio Lower Upper
79 100
52 65.4 55.0 82.4
51 31.6 26.9 40.3

Manual Integrations
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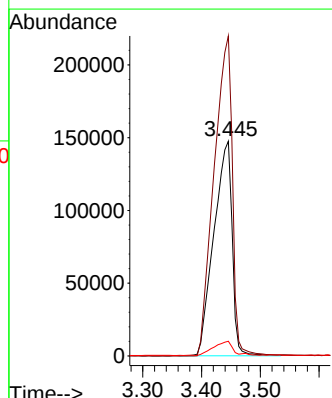
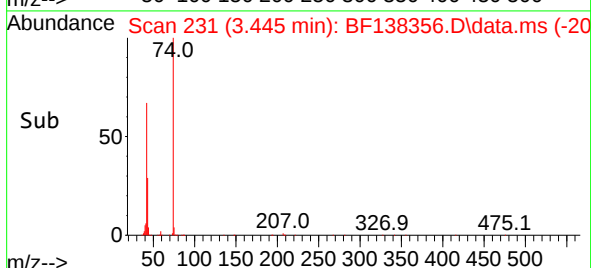
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

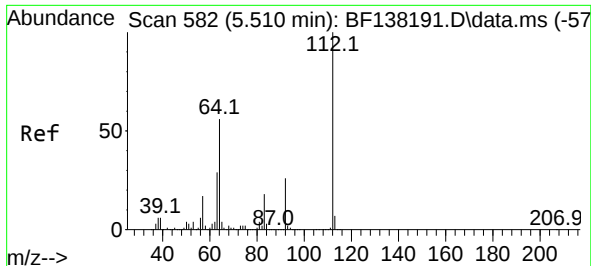


#4
n-Nitrosodimethylamine
Concen: 44.107 ng
RT: 3.445 min Scan# 231
Delta R.T. 0.035 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion: 42 Resp: 317823
Ion Ratio Lower Upper
42 100
74 149.1 109.9 164.9
44 6.9 5.2 7.8





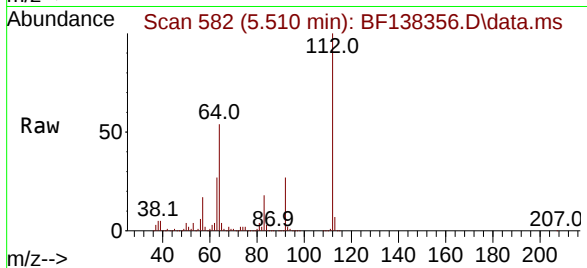
#5
2-Fluorophenol
Concen: 100.810 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



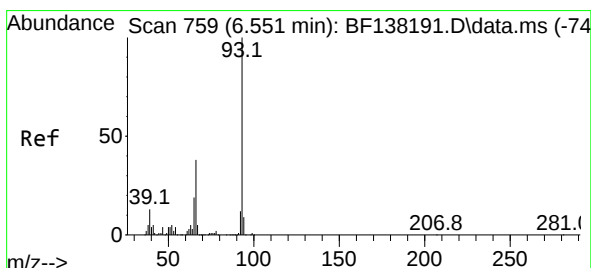
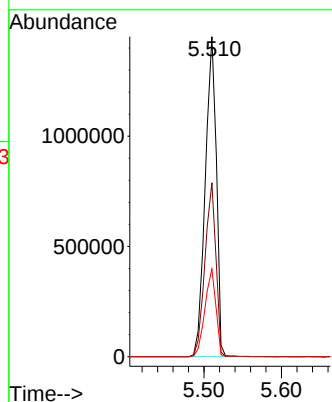
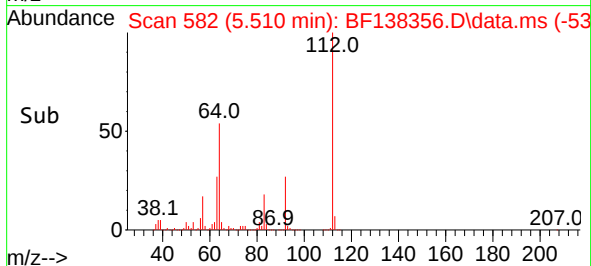
Tgt Ion: 112 Resp: 1443072
Ion Ratio Lower Upper
112 100
64 54.4 45.2 67.8
63 27.4 22.9 34.3

Manual Integrations

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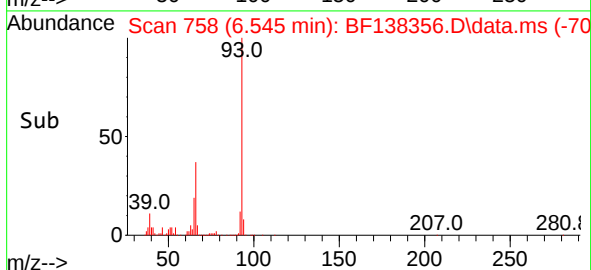
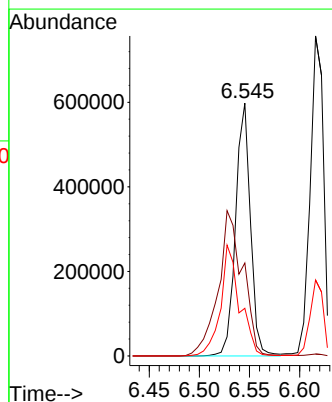
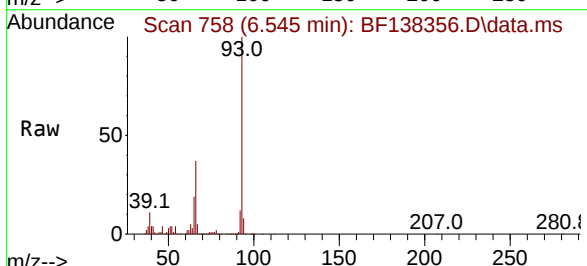
Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#6
Aniline
Concen: 34.721 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

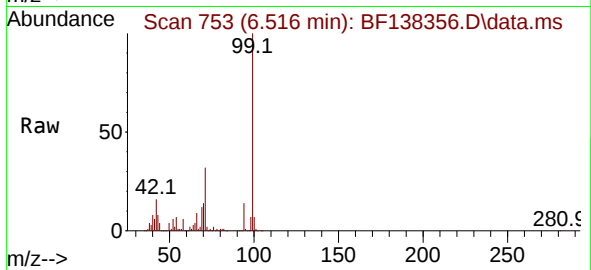
Tgt Ion: 93 Resp: 616685
Ion Ratio Lower Upper
93 100
66 36.8 30.8 46.2
65 18.9 15.5 23.3





#7
Phenol-d6
Concen: 100.810 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

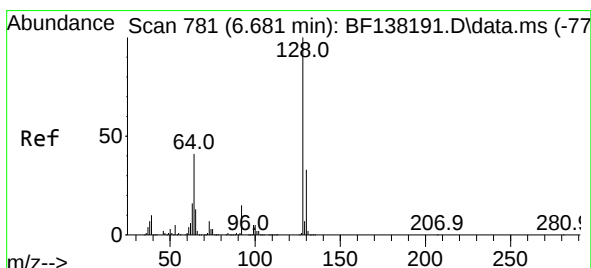
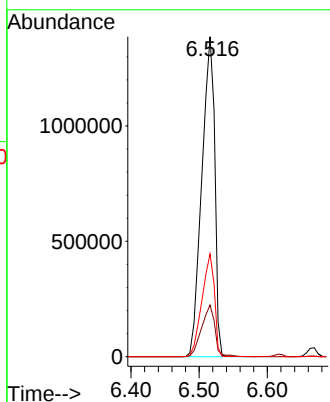
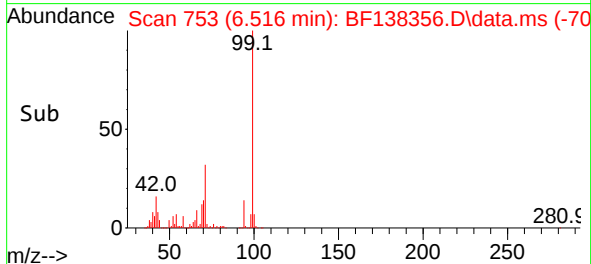
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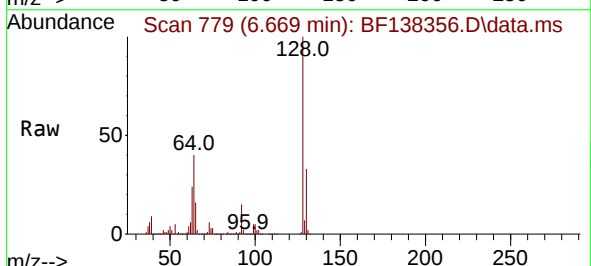
Tgt Ion: 99 Resp: 182987
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 32.1 25.0 37.6

Manual Integrations
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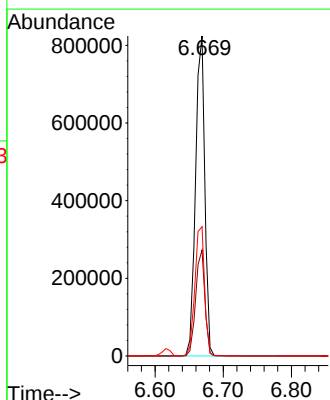
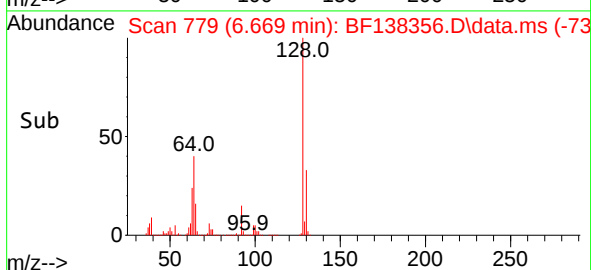
Reviewed By :Yogesh Patel 06/27/2024
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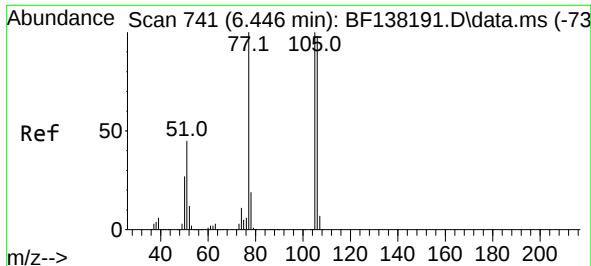


#8
2-Chlorophenol
Concen: 49.839 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:128 Resp: 771318
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 40.4 21.8 61.8





#9

Benzaldehyde

Concen: 15.026 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138356.D

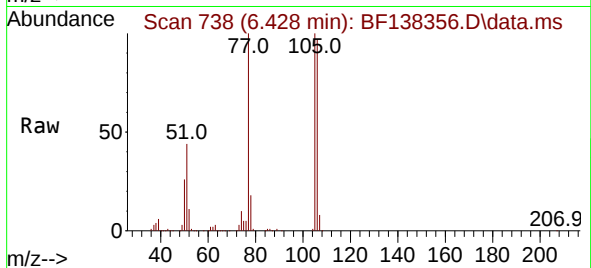
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



Tgt Ion: 77 Resp: 14486

Ion Ratio Lower Upper

77 100

105 100.1 80.1 120.1

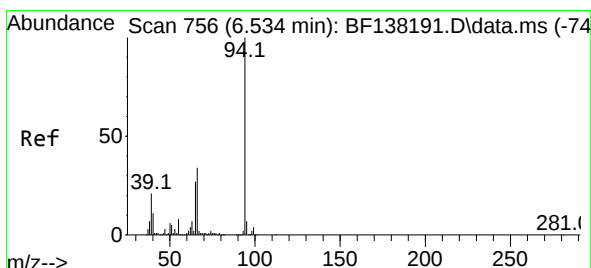
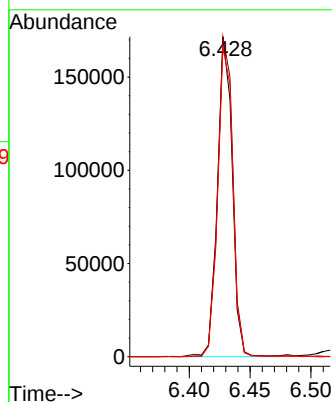
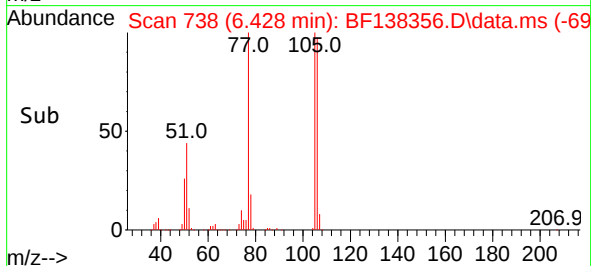
106 96.9 77.8 117.8

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/27/2024



#10

Phenol

Concen: 49.974 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

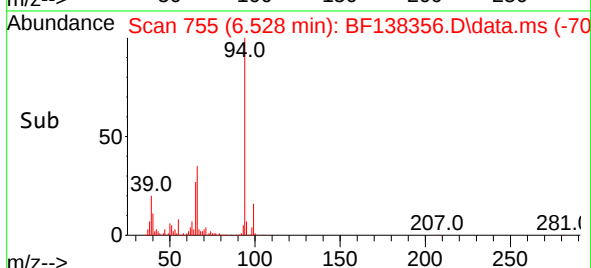
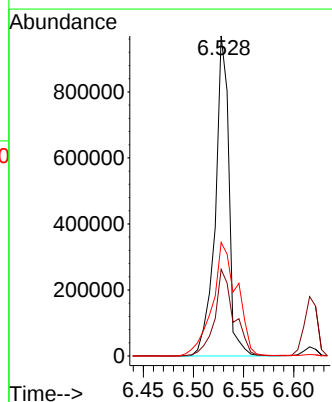
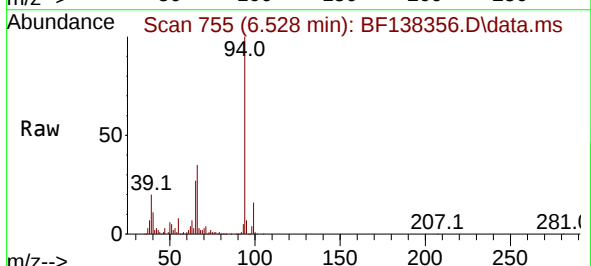
Tgt Ion: 94 Resp: 920562

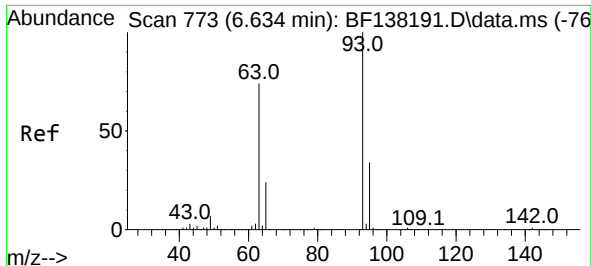
Ion Ratio Lower Upper

94 100

65 27.1 6.8 46.8

66 35.4 14.2 54.2





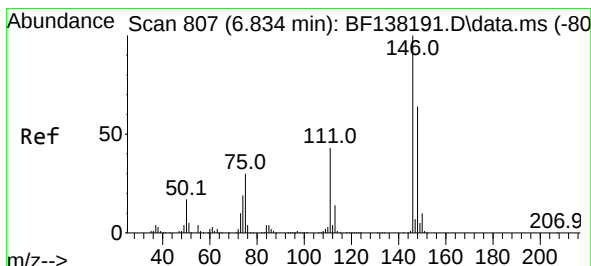
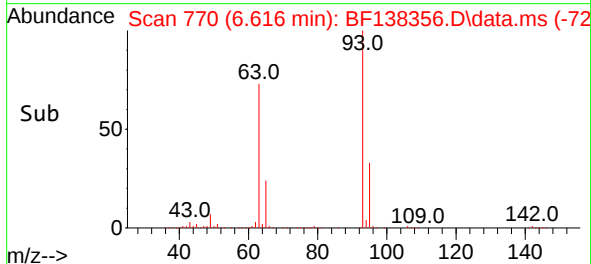
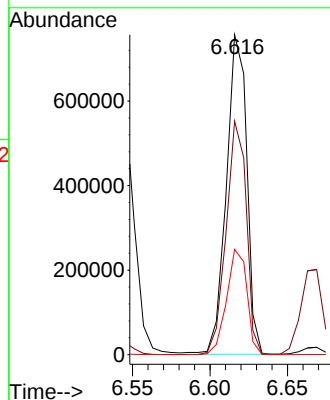
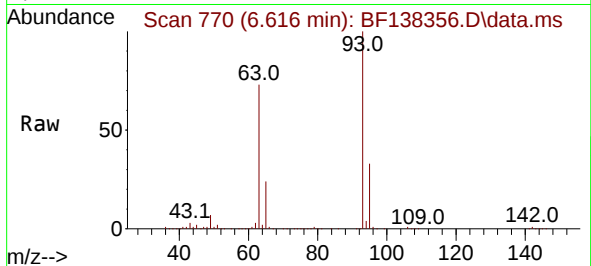
#11
bis(2-Chloroethyl)ether
Concen: 47.076 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion: 93 Resp: 694038
Ion Ratio Lower Upper
93 100
63 73.0 52.5 92.5
95 32.9 13.2 53.2

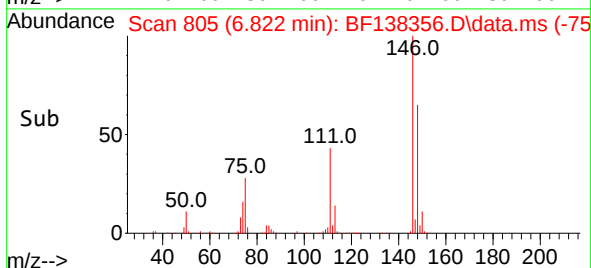
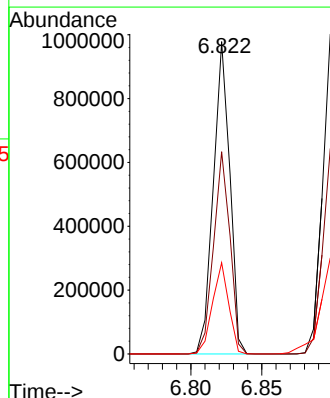
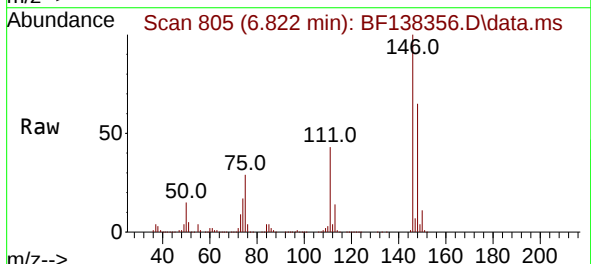
Manual Integrations
APPROVED

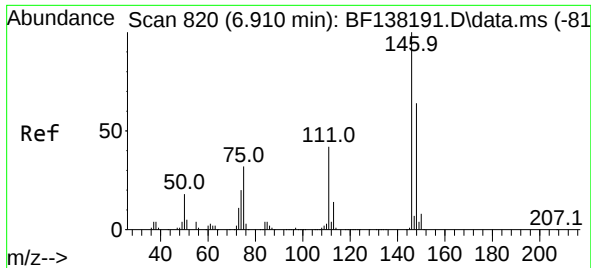
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#12
1,3-Dichlorobenzene
Concen: 44.784 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

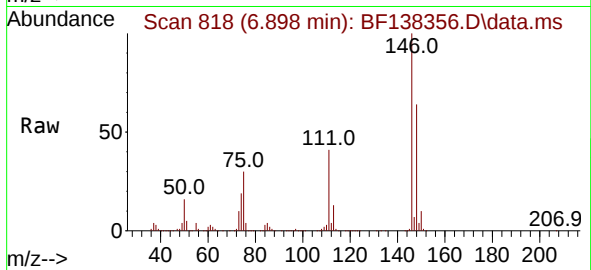
Tgt Ion:146 Resp: 787673
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
75 29.2 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 45.102 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

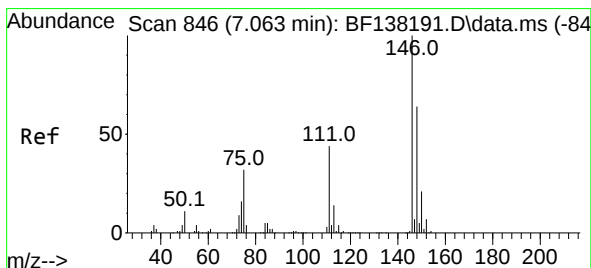
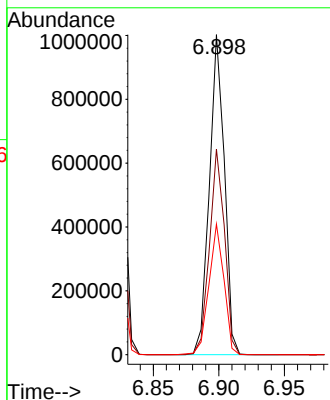
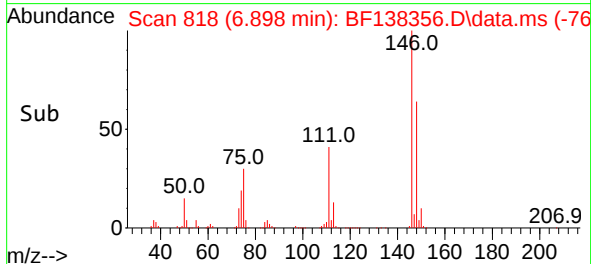
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



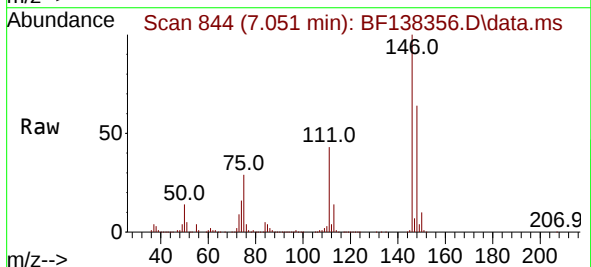
Tgt Ion:146 Resp: 79829
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 40.8 33.7 50.5

Manual Integrations
APPROVED

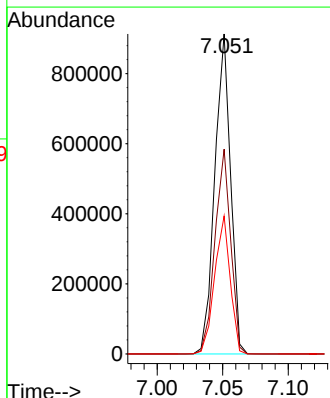
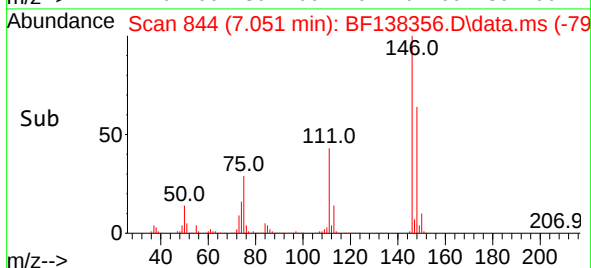
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#14
1,2-Dichlorobenzene
Concen: 46.005 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:146 Resp: 764407
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 43.1 35.4 53.2





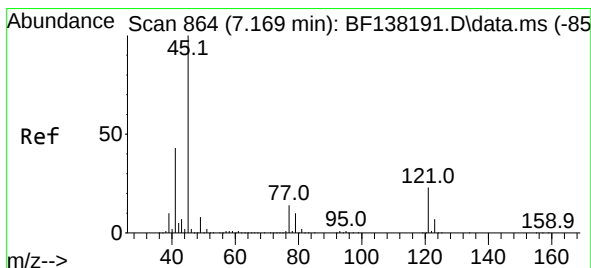
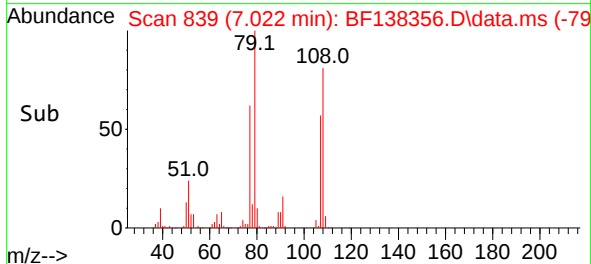
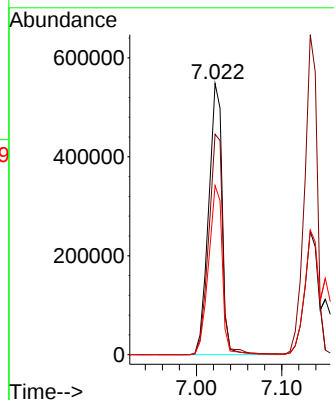
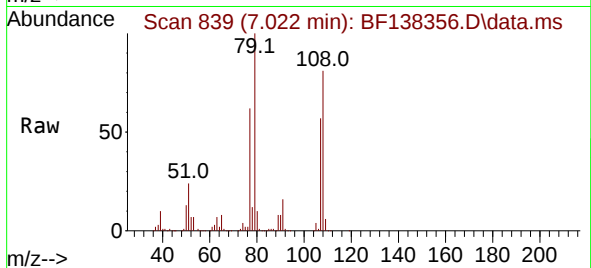
#15
Benzyl Alcohol
Concen: 49.699 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion: 79 Resp: 608268
Ion Ratio Lower Upper
79 100
108 81.3 65.9 98.9
77 62.4 50.3 75.5

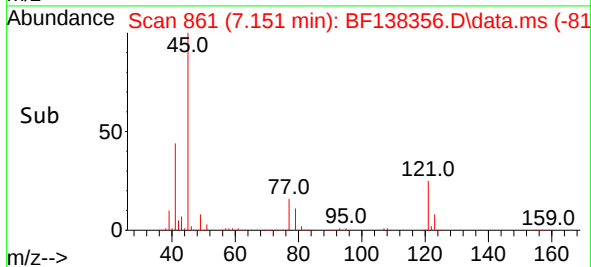
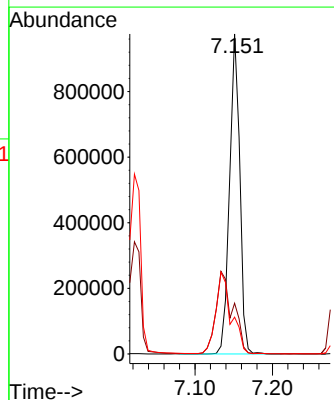
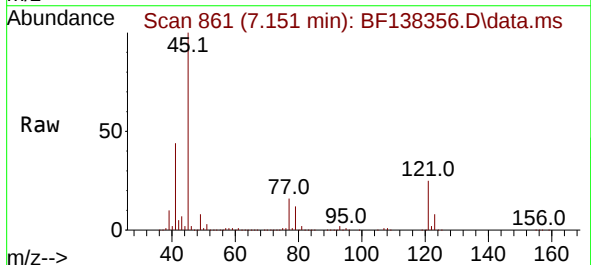
Manual Integrations
APPROVED

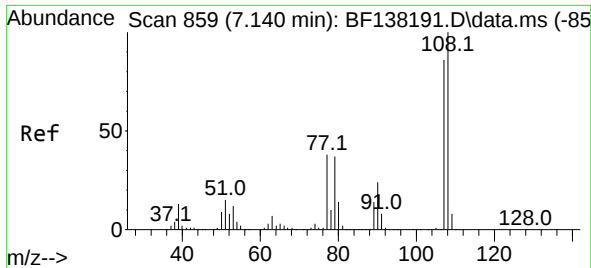
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.910 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

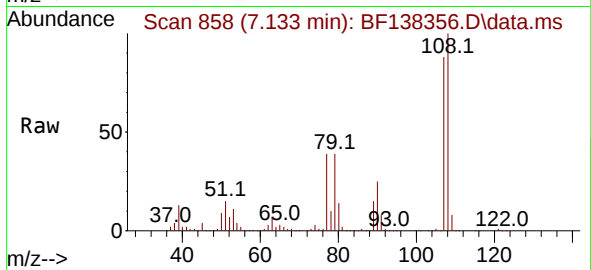
Tgt Ion: 45 Resp: 892842
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.9
79 11.5 0.0 30.7





#17
2-Methylphenol
Concen: 48.242 ng
RT: 7.133 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

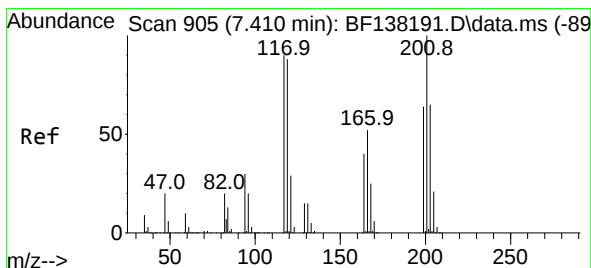
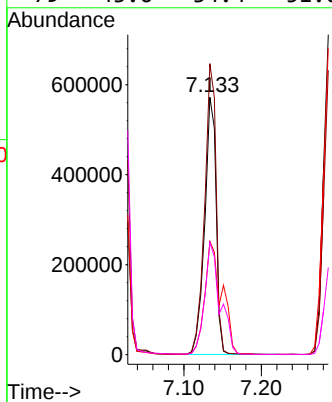
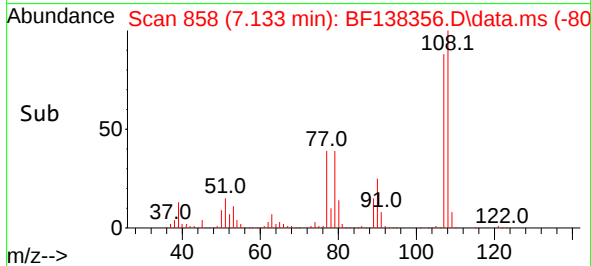
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



Tgt Ion:107 Resp: 589040
Ion Ratio Lower Upper
107 100
108 113.1 92.7 139.1
77 44.0 35.7 53.5
79 43.6 34.4 51.6

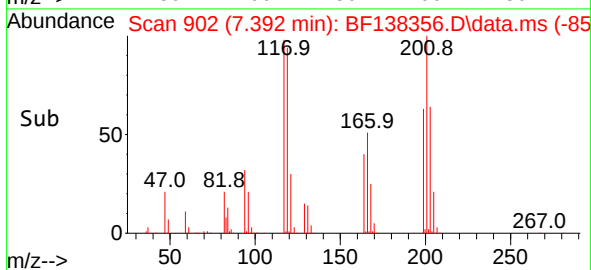
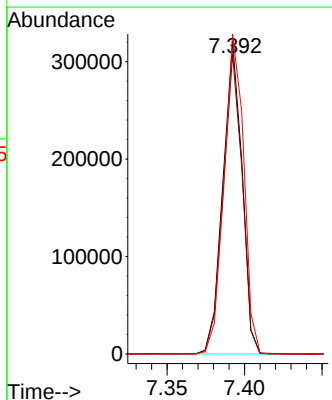
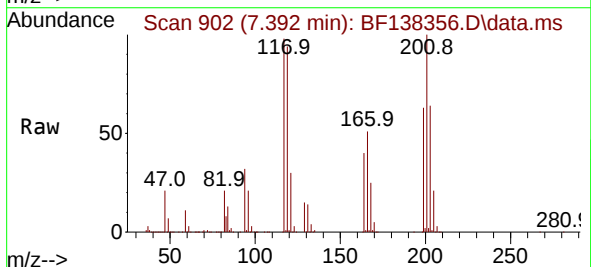
Manual Integrations
APPROVED

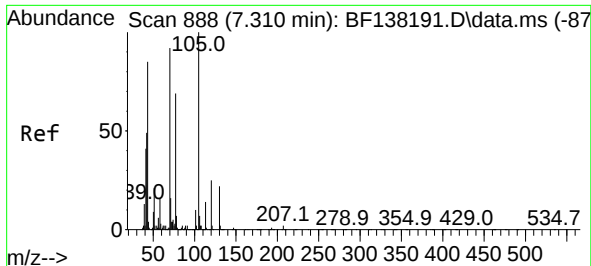
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#18
Hexachloroethane
Concen: 45.740 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:117 Resp: 274275
Ion Ratio Lower Upper
117 100
119 95.7 78.4 117.6
201 102.3 89.0 133.6





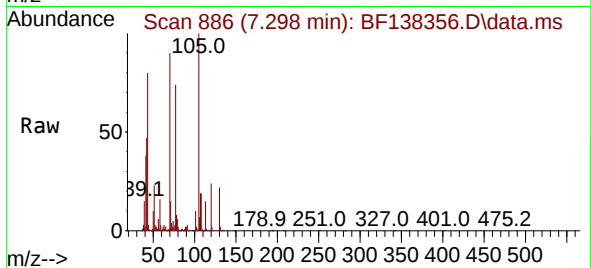
#19
n-Nitroso-di-n-propylamine
Concen: 43.421 ng
RT: 7.298 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



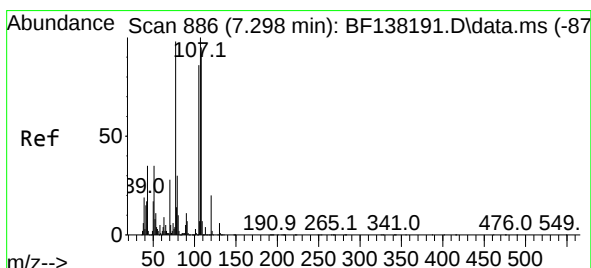
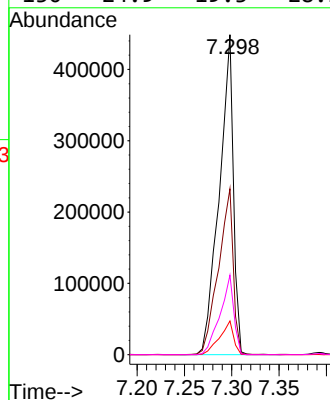
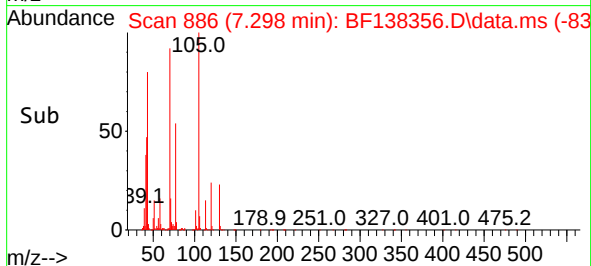
Tgt Ion: 70 Resp: 46718
Ion Ratio Lower Upper
70 100
42 51.9 42.8 64.2
101 10.5 8.4 12.6
130 24.9 19.3 28.9

Manual Integrations

APPROVED

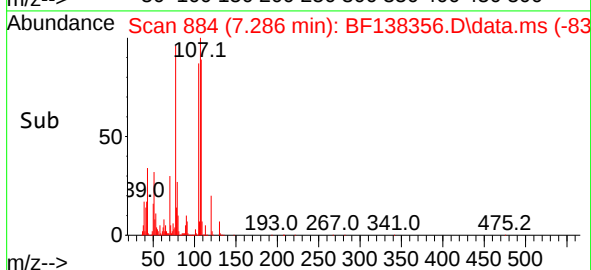
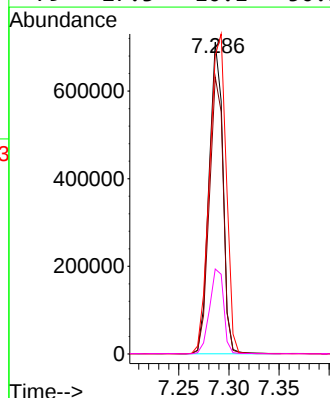
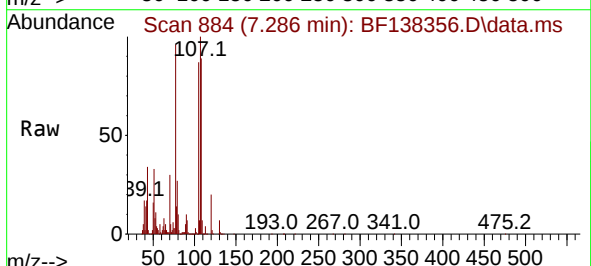
Reviewed By :Yogesh Patel 06/27/2024

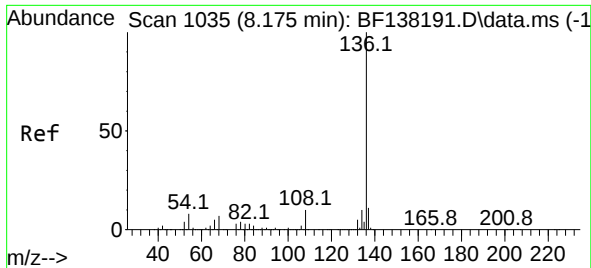
Supervised By :mohammad ahmed 06/27/2024



#20
3+4-Methylphenols
Concen: 44.617 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:107 Resp: 685709
Ion Ratio Lower Upper
107 100
108 88.9 74.9 114.9
77 95.8 78.2 118.2
79 27.3 10.1 50.1





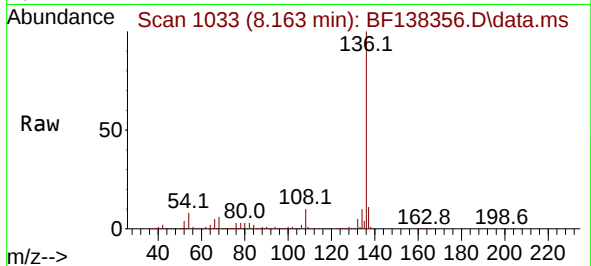
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



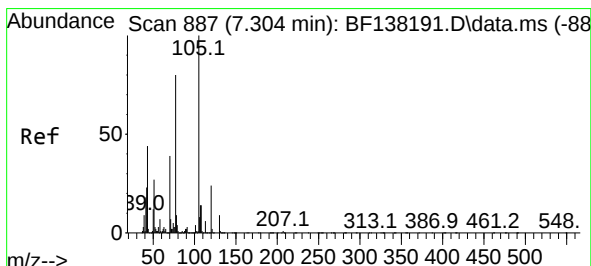
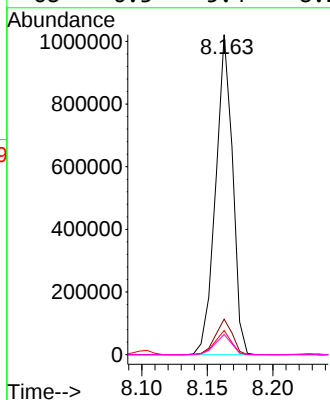
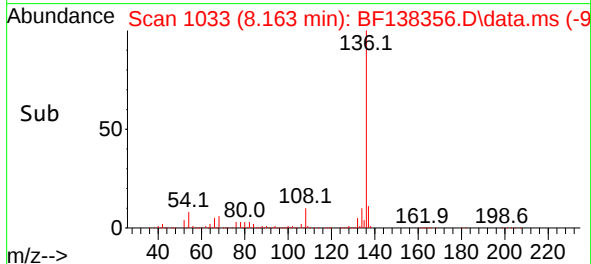
Tgt Ion:	136	Resp:	91551
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.5	6.6	10.0
68	6.3	5.4	8.2

Manual Integrations

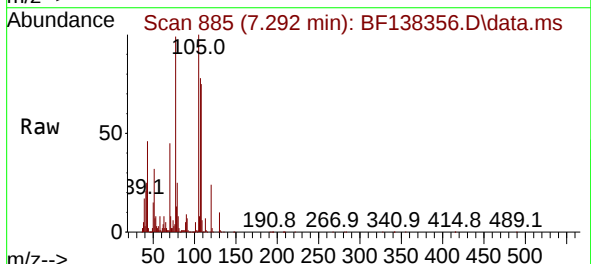
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

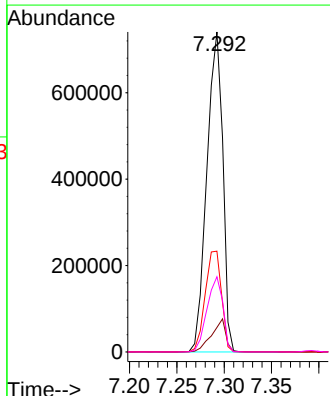
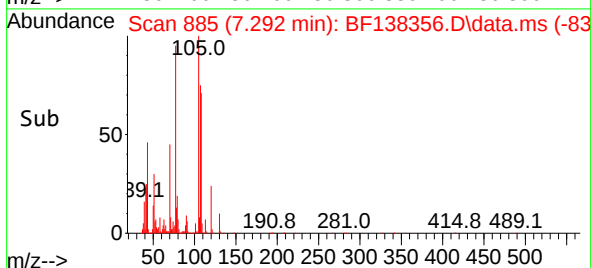
Supervised By :mohammad ahmed 06/27/2024



#22
Acetophenone
Concen: 41.388 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:	105	Resp:	865595
Ion Ratio	Lower	Upper	
105	100		
71	7.7	5.4	8.2
51	31.5	21.4	32.0
120	23.5	19.4	29.2





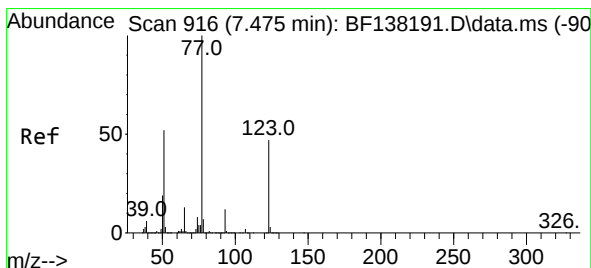
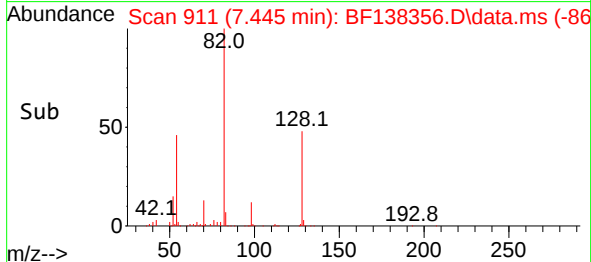
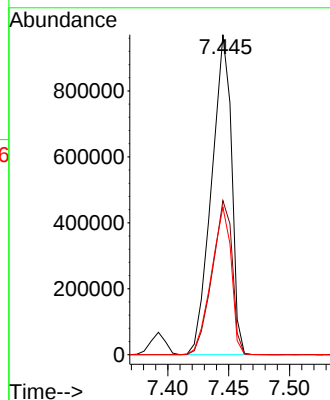
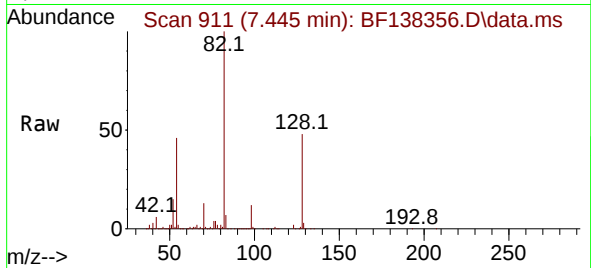
#23
Nitrobenzene-d5
Concen: 70.441 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion: 82 Resp: 110776
Ion Ratio Lower Upper
82 100
128 48.1 37.2 55.8
54 46.1 39.8 59.6

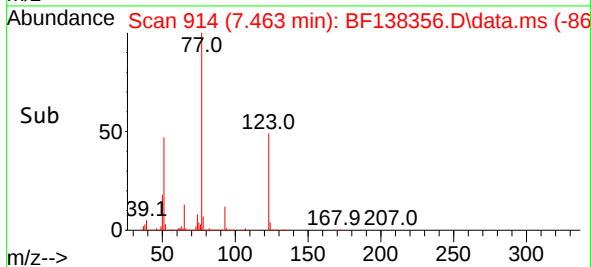
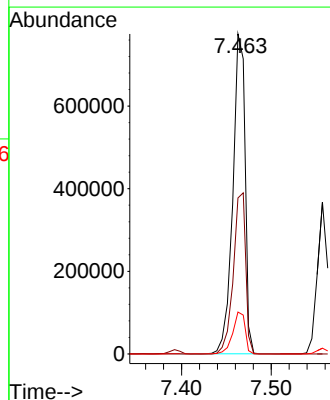
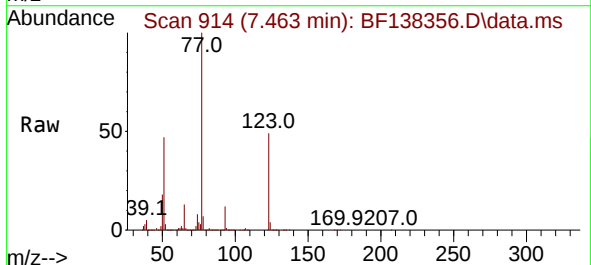
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Nitrobenzene
Concen: 45.320 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

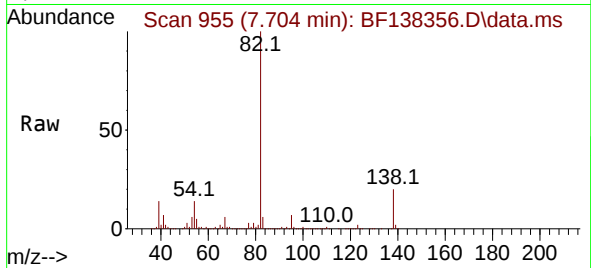
Tgt Ion: 77 Resp: 736619
Ion Ratio Lower Upper
77 100
123 48.7 37.3 55.9
65 13.1 10.6 15.8





#25
Isophorone
Concen: 46.091 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

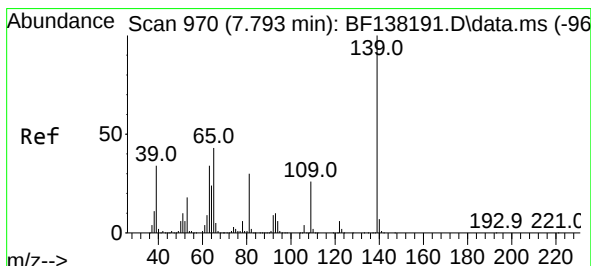
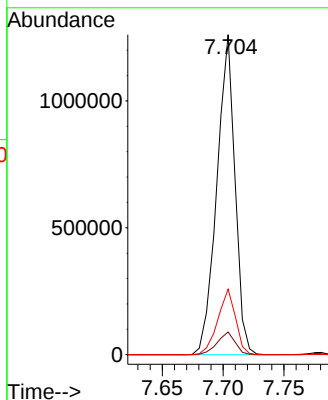
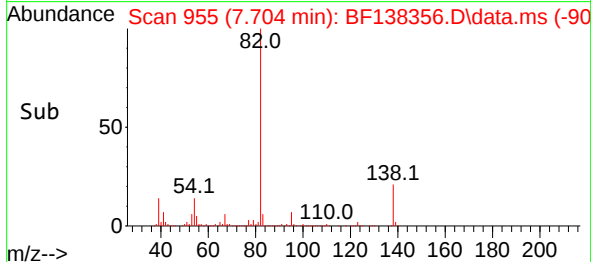
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



Tgt Ion: 82 Resp: 131108
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.5 16.4 24.6

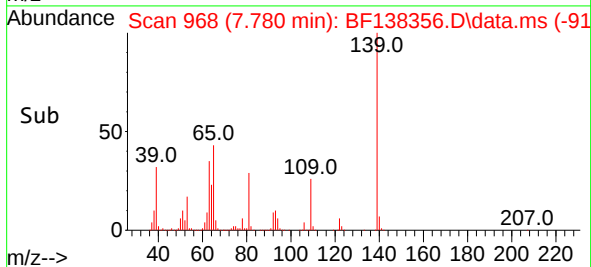
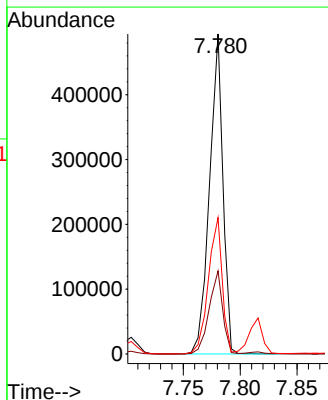
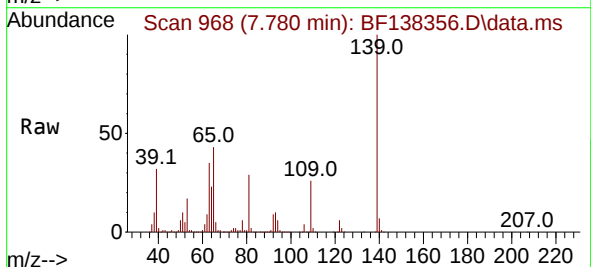
Manual Integrations
APPROVED

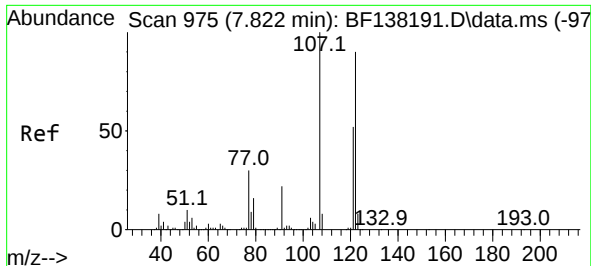
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#26
2-Nitrophenol
Concen: 62.028 ng
RT: 7.780 min Scan# 968
Delta R.T. -0.013 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:139 Resp: 405399
Ion Ratio Lower Upper
139 100
109 26.0 20.7 31.1
65 42.6 34.5 51.7





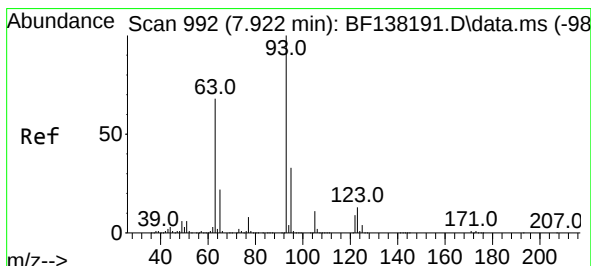
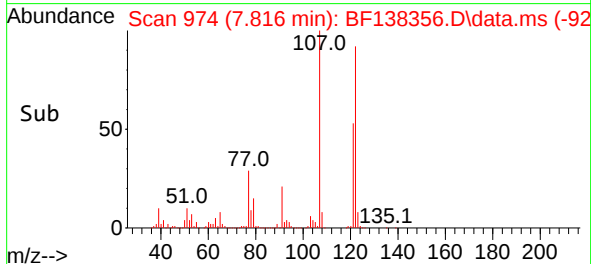
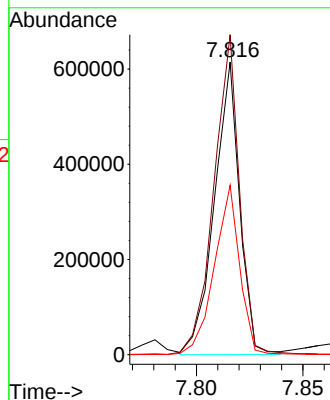
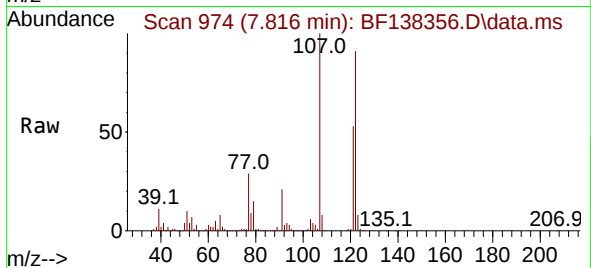
#27
2,4-Dimethylphenol
Concen: 50.980 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion:122 Resp: 506914
Ion Ratio Lower Upper
122 100
107 109.3 87.7 131.5
121 57.9 45.8 68.8

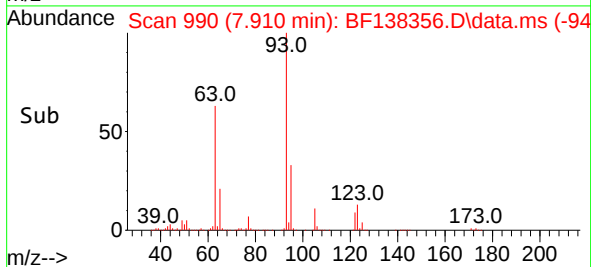
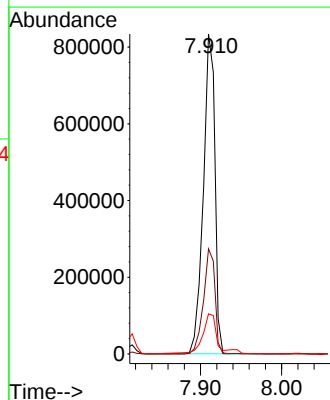
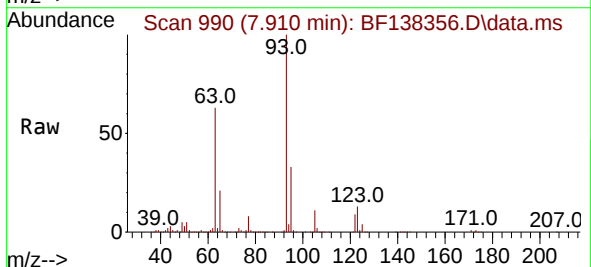
Manual Integrations
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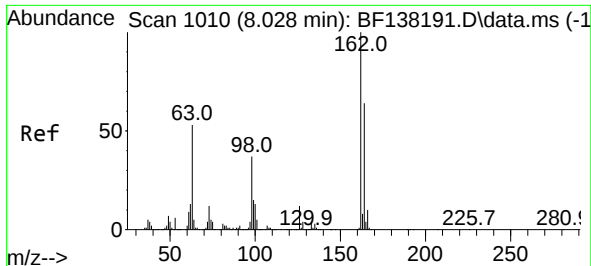
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.304 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion: 93 Resp: 824505
Ion Ratio Lower Upper
93 100
95 32.9 26.6 39.8
123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.873 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

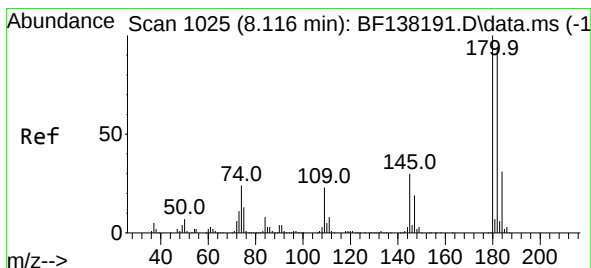
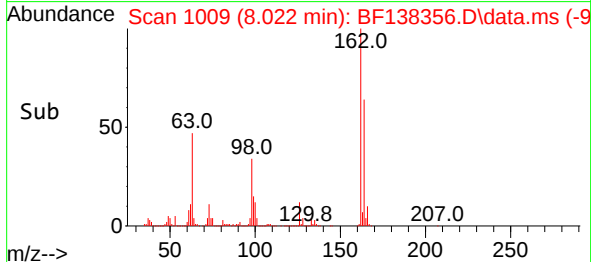
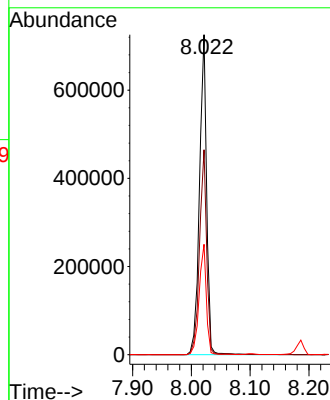
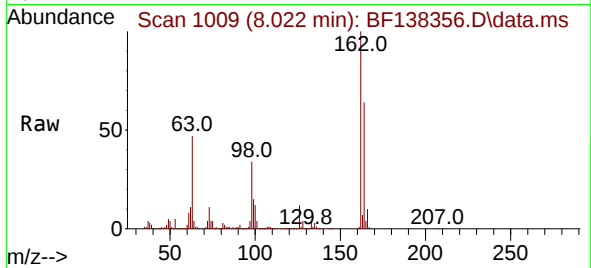
Tgt Ion:162 Resp: 61285
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.3 84.3
 98 34.5 16.5 56.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.807 ng

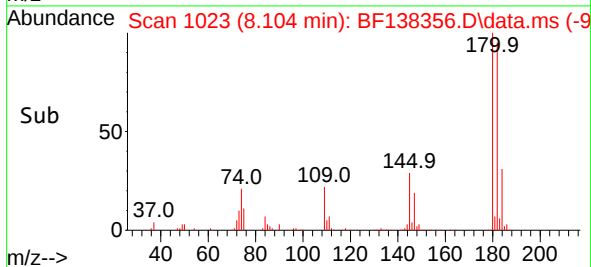
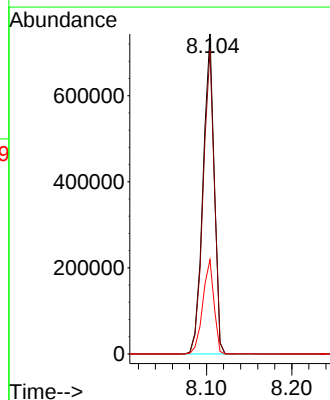
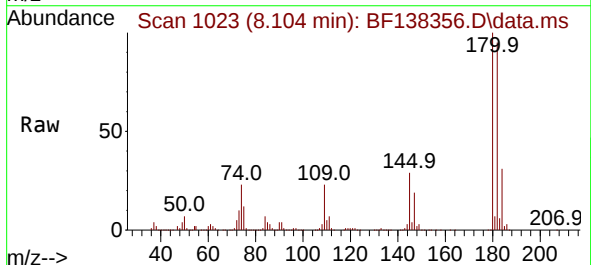
RT: 8.104 min Scan# 1023

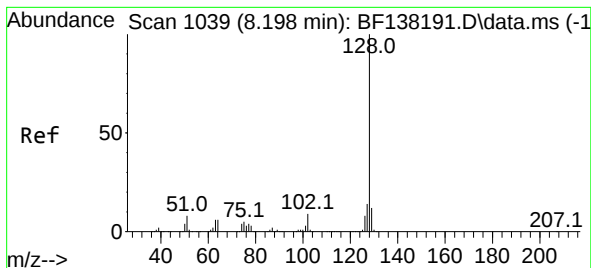
Delta R.T. -0.012 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

Tgt Ion:180 Resp: 676464
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.0 112.6
 145 29.4 23.8 35.6





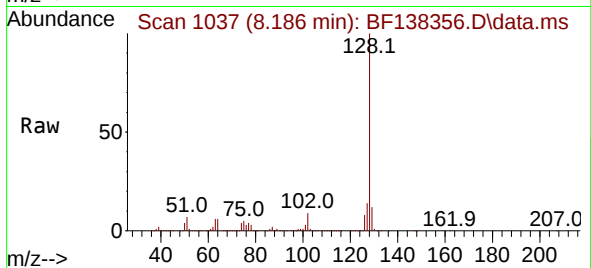
#31
Naphthalene
Concen: 44.167 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



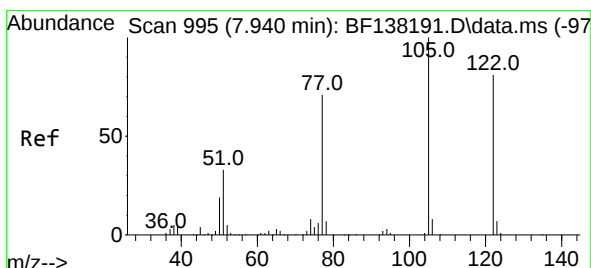
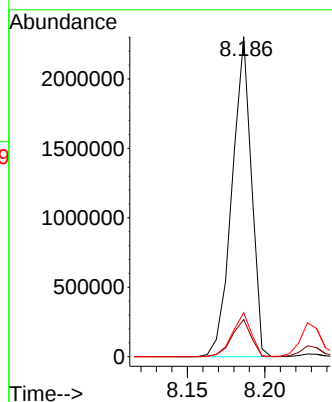
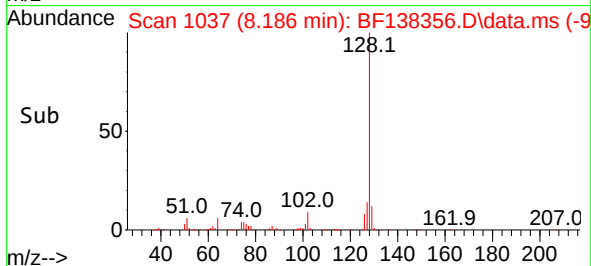
Tgt Ion:128 Resp: 199943
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.7 11.0 16.6

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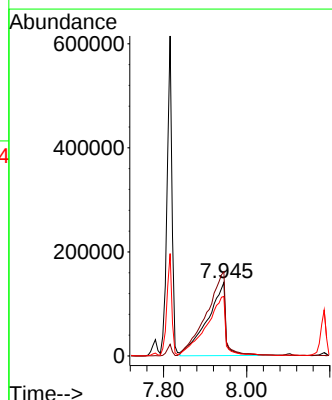
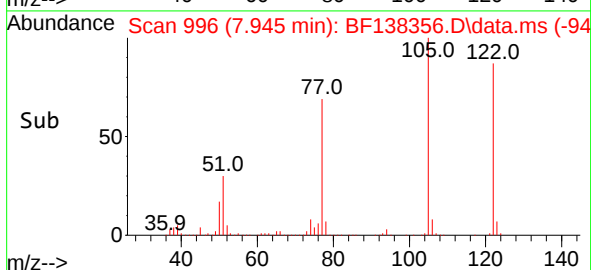
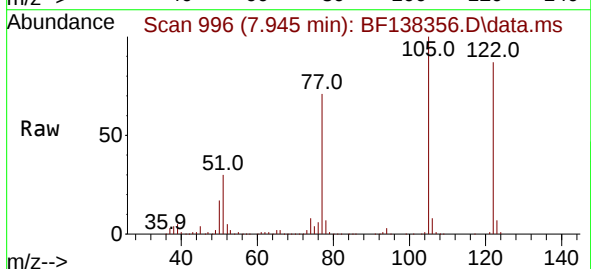
Reviewed By :Yogesh Patel 06/27/2024

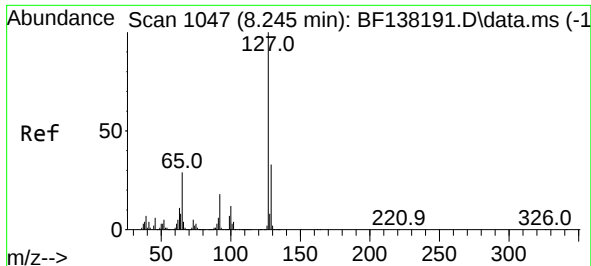
Supervised By :mohammad ahmed 06/27/2024



#32
Benzoic acid
Concen: 49.778 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.005 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:122 Resp: 436239
Ion Ratio Lower Upper
122 100
105 114.6 100.1 140.1
77 81.1 66.5 106.5





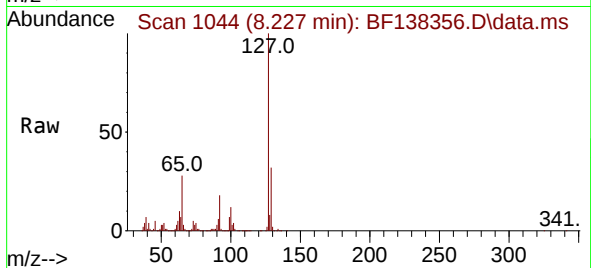
#33
4-Chloroaniline
Concen: 15.334 ng
RT: 8.227 min Scan# 1044
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

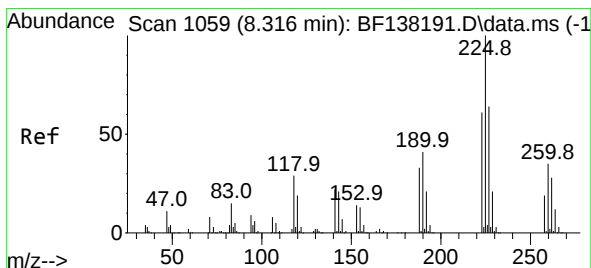
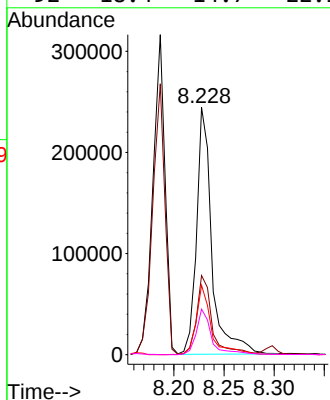
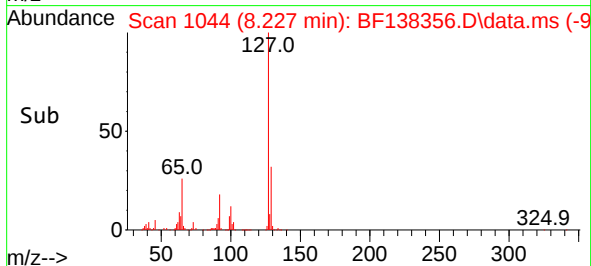


Tgt Ion:127 Resp: 259445
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1
65 28.1 23.6 35.4
92 18.4 14.7 22.1

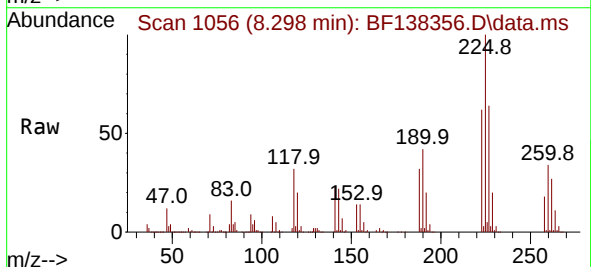
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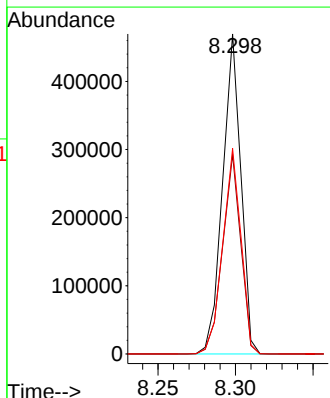
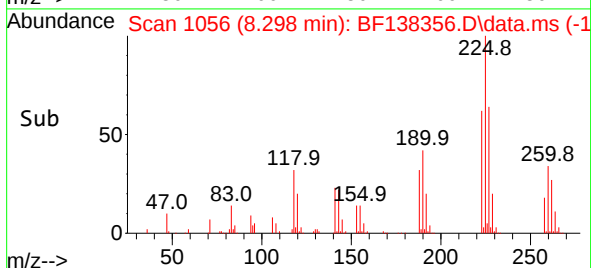
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

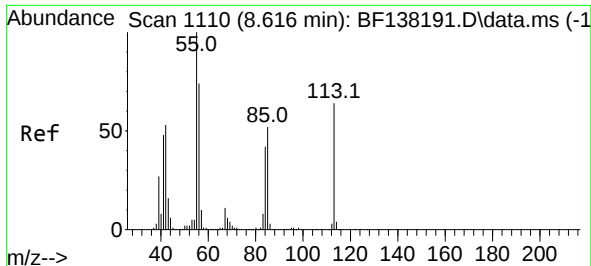


#34
Hexachlorobutadiene
Concen: 43.541 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



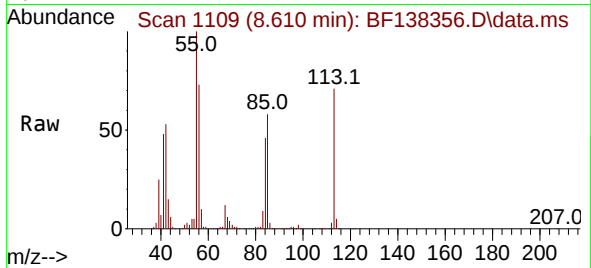
Tgt Ion:225 Resp: 384450
Ion Ratio Lower Upper
225 100
223 62.3 49.0 73.6
227 64.3 51.2 76.8





#35
 Caprolactam
 Concen: 49.950 ng m
 RT: 8.610 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF138356.D
 Acq: 26 Jun 2024 17:27

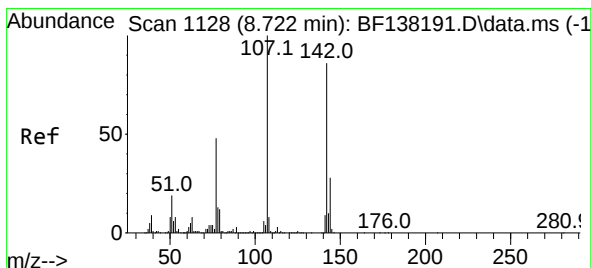
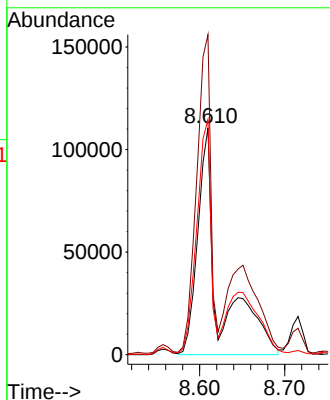
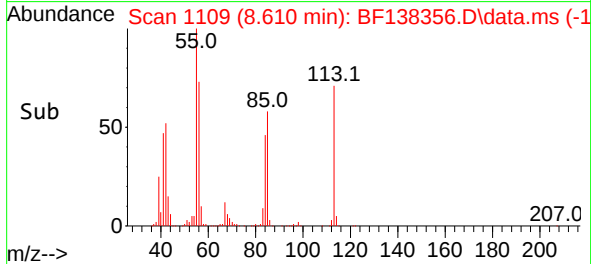
Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MS



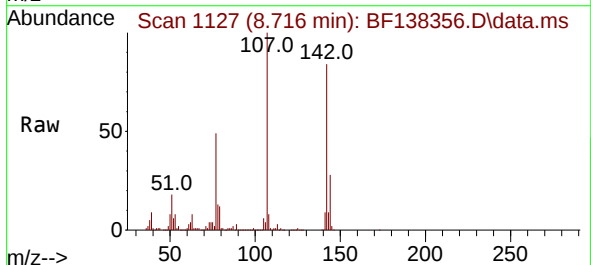
Tgt Ion:113 Resp: 193048
 Ion Ratio Lower Upper
 113 100
 55 141.0 135.4 175.4
 56 103.5 95.5 135.5

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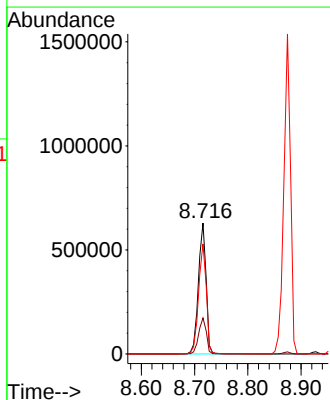
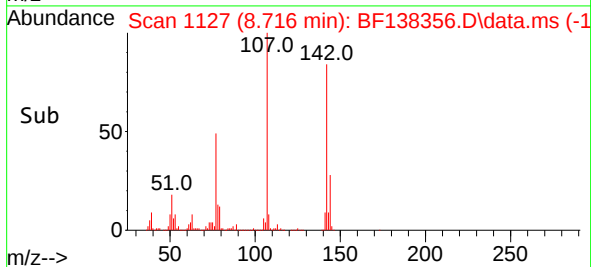
Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

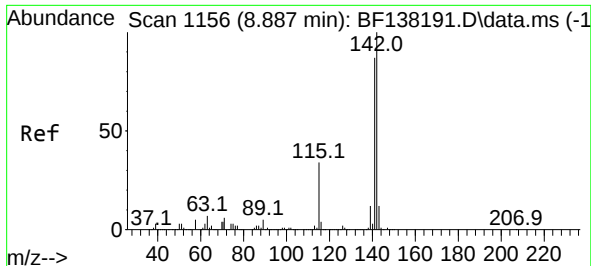


#36
 4-Chloro-3-methylphenol
 Concen: 49.405 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: BF138356.D
 Acq: 26 Jun 2024 17:27



Tgt Ion:107 Resp: 629725
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.6 34.0
 142 84.1 69.0 103.4





#37

2-Methylnaphthalene

Concen: 45.194 ng

RT: 8.875 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion:142 Resp: 1342739

Ion Ratio Lower Upper

142 100

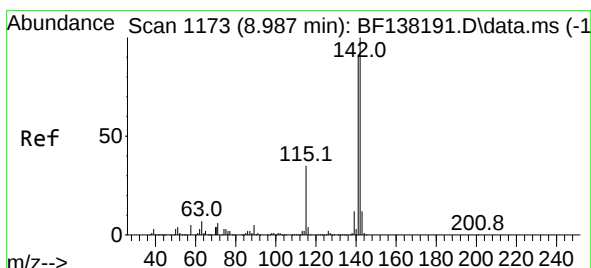
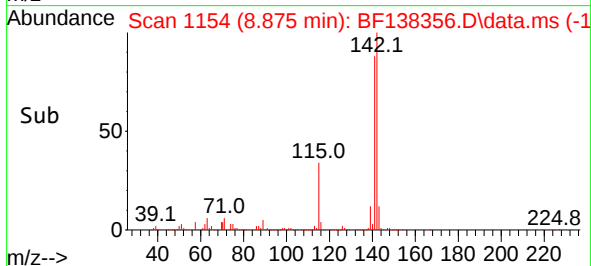
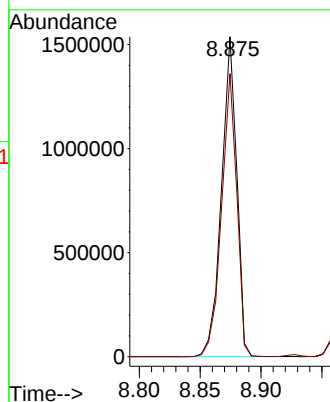
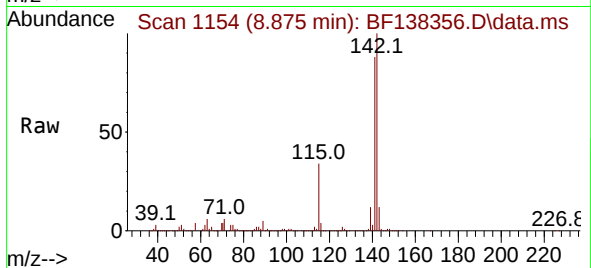
141 88.4 69.9 104.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#38

1-Methylnaphthalene

Concen: 43.188 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF138356.D

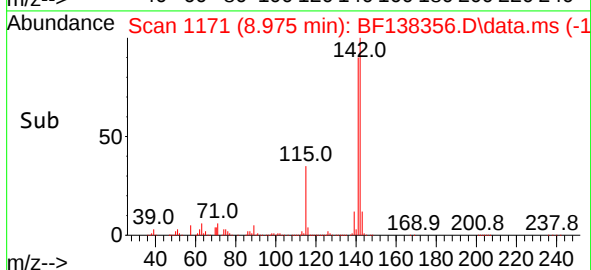
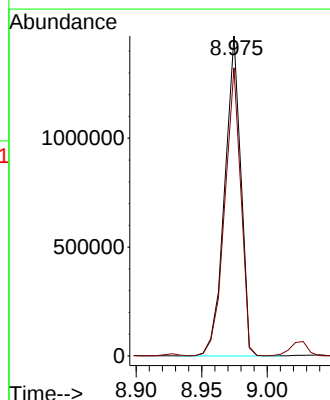
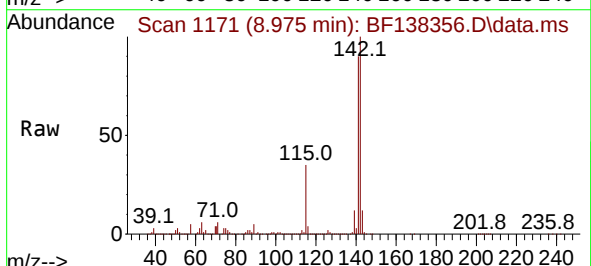
Acq: 26 Jun 2024 17:27

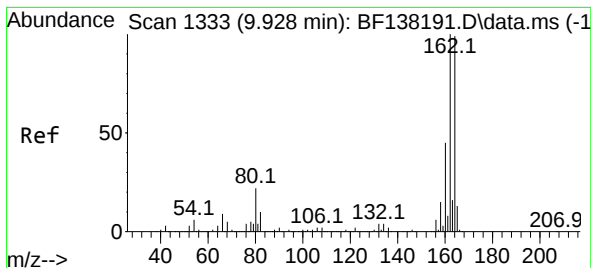
Tgt Ion:142 Resp: 1257396

Ion Ratio Lower Upper

142 100

141 90.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF138356.D

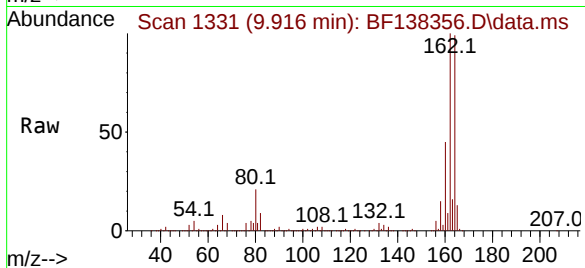
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



Tgt Ion:164 Resp: 493754

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

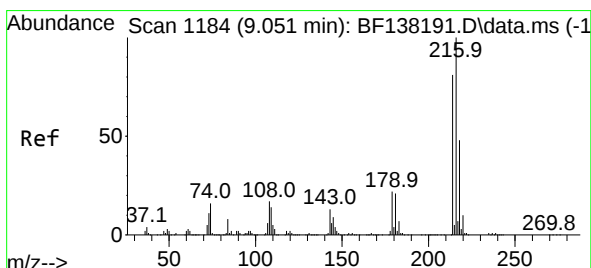
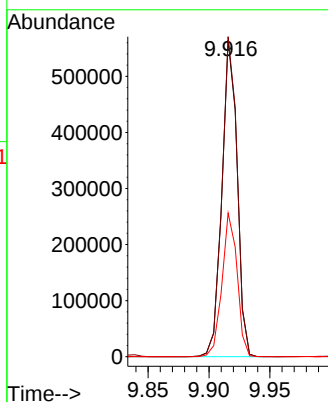
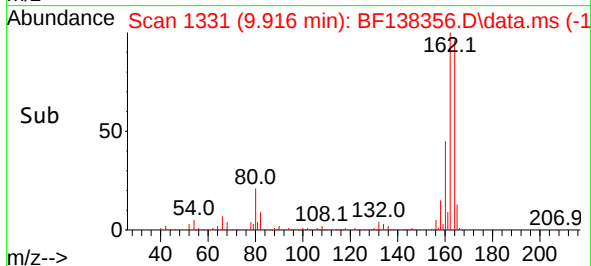
160 45.4 36.3 54.5

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.079 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

Tgt Ion:216 Resp: 621557

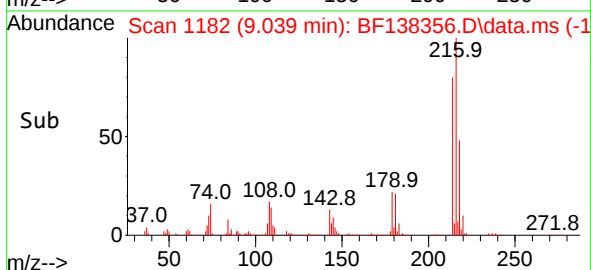
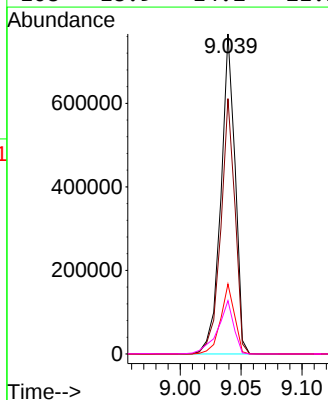
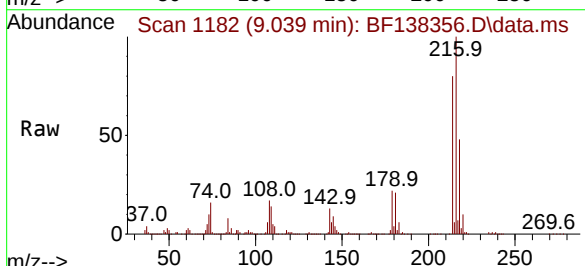
Ion Ratio Lower Upper

216 100

214 79.4 63.7 95.5

179 21.4 16.9 25.3

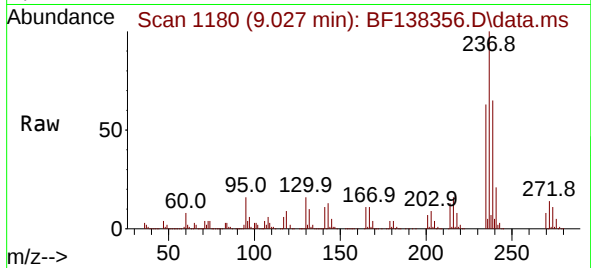
108 18.9 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 115.178 ng
RT: 9.027 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

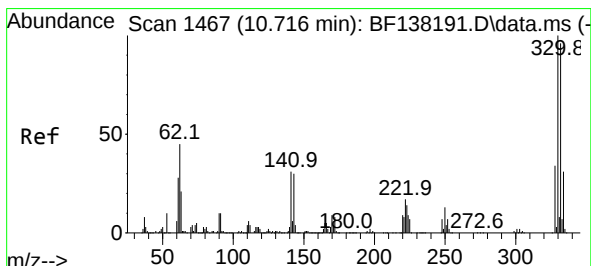
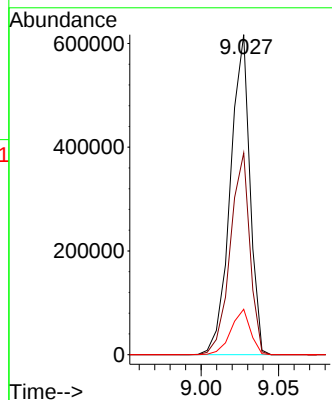
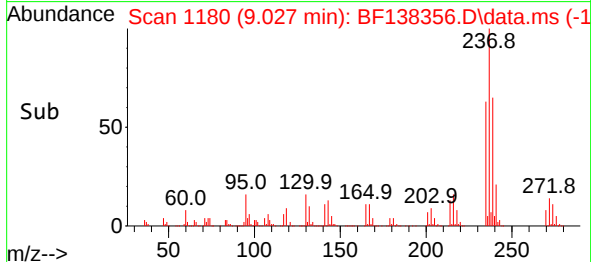
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



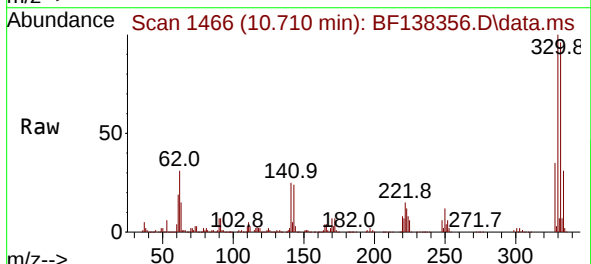
Tgt Ion:237 Resp: 541872
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 14.2 0.0 34.0

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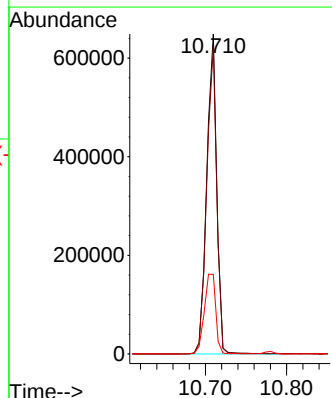
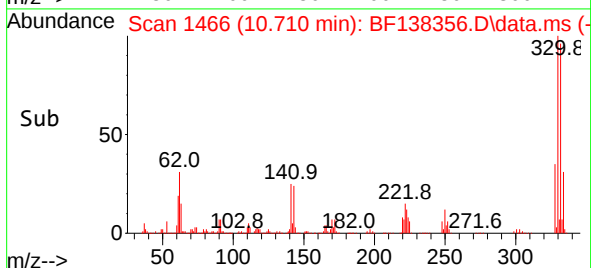
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

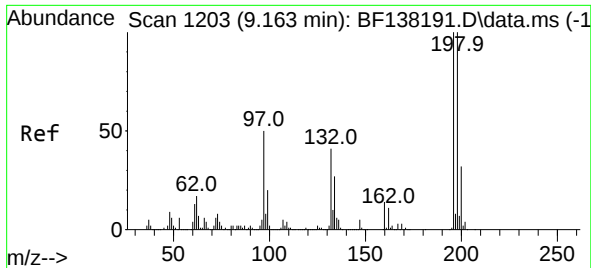


#42
2,4,6-Tribromophenol
Concen: 112.489 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:330 Resp: 552932
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 28.6 23.9 35.9





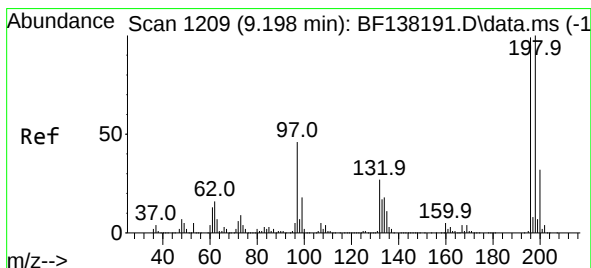
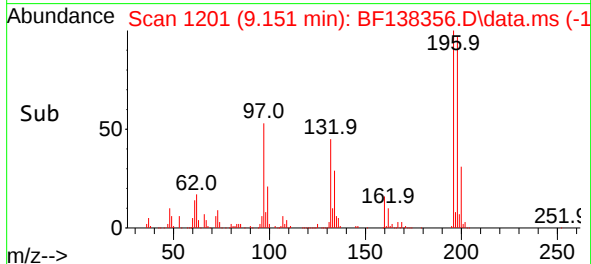
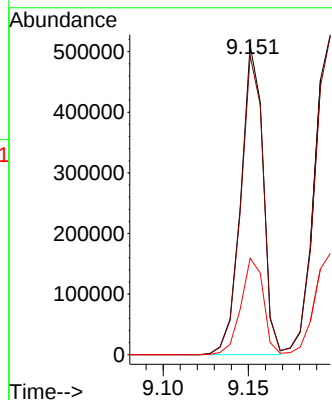
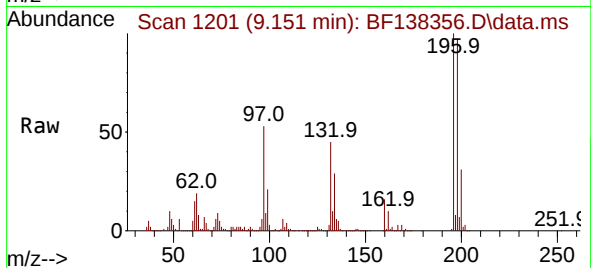
#43
2,4,6-Trichlorophenol
Concen: 51.107 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion:196 Resp: 461715
Ion Ratio Lower Upper
196 100
198 96.5 79.8 119.6
200 31.1 25.9 38.9

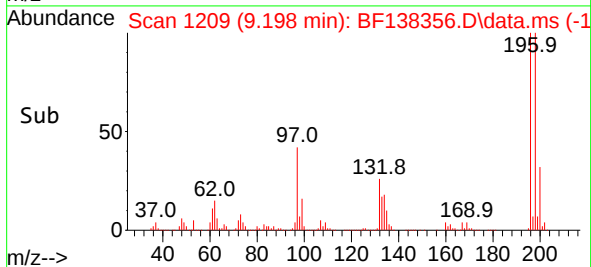
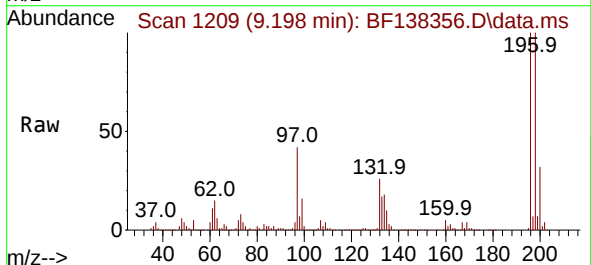
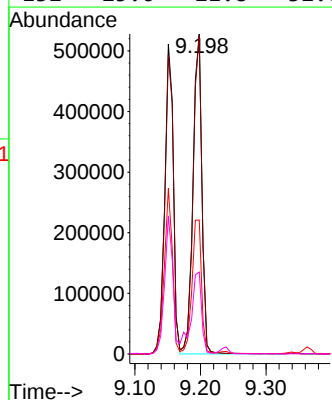
Manual Integrations
APPROVED

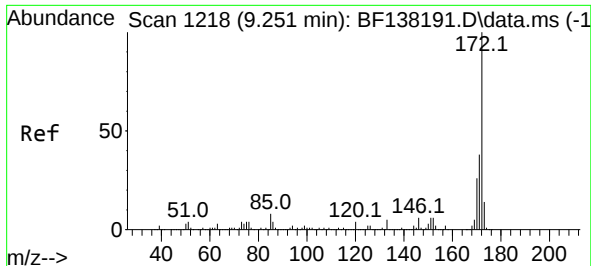
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#44
2,4,5-Trichlorophenol
Concen: 50.187 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:196 Resp: 497923
Ion Ratio Lower Upper
196 100
198 99.5 80.4 120.6
97 41.9 37.4 56.2
132 25.6 21.8 32.6





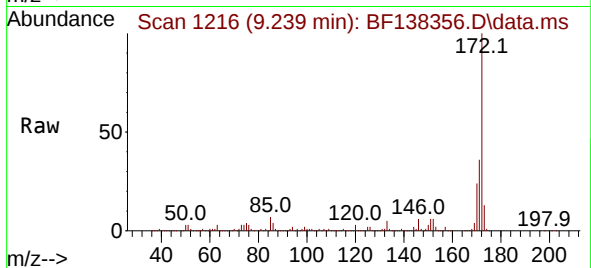
#45
2-Fluorobiphenyl
Concen: 66.744 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

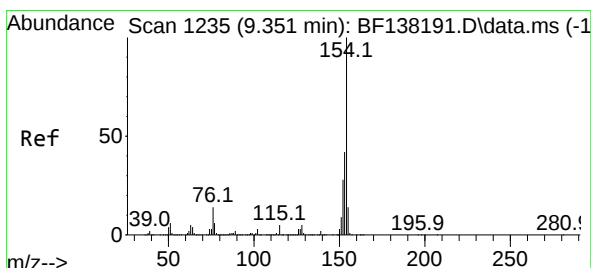
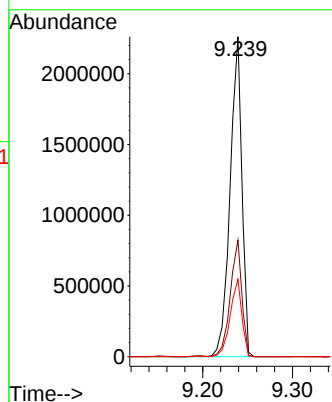
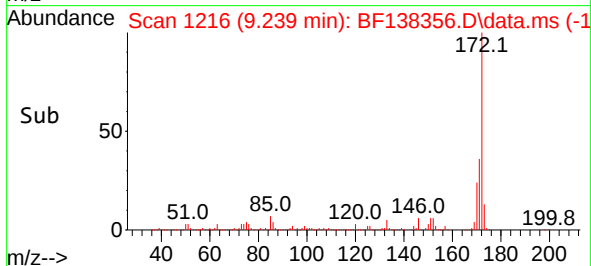


Tgt Ion:172 Resp: 207244
Ion Ratio Lower Upper
172 100
171 36.4 30.3 45.5
170 24.1 20.6 30.8

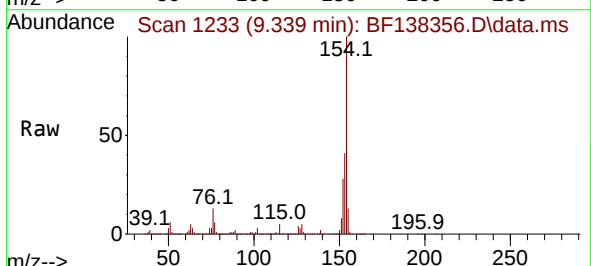
Manual Integrations

APPROVED

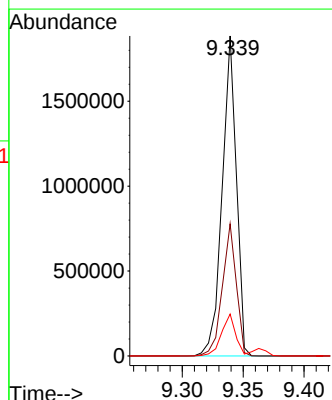
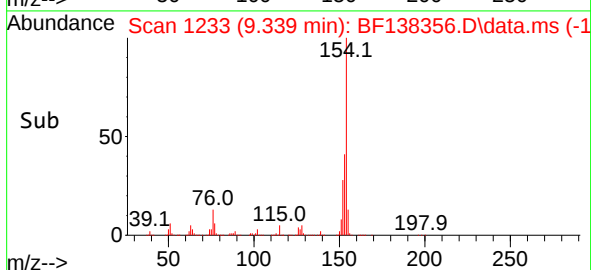
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

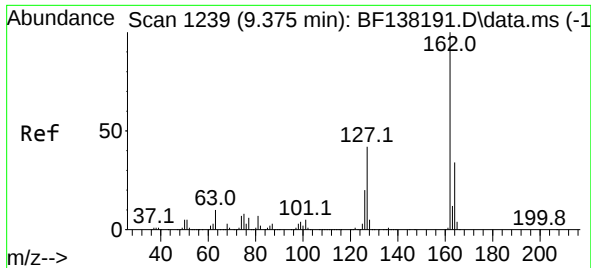


#46
1,1'-Biphenyl
Concen: 42.311 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:154 Resp: 1532974
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 13.1 0.0 34.3





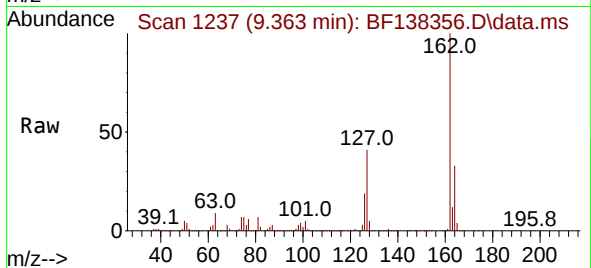
#47
2-Chloronaphthalene
Concen: 45.363 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

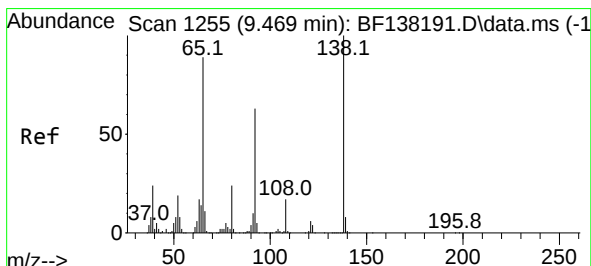
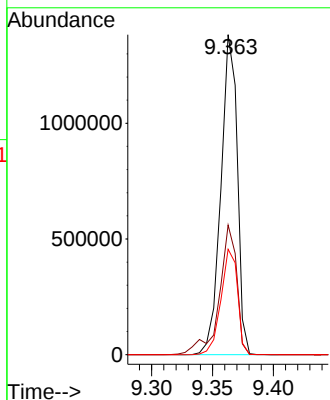
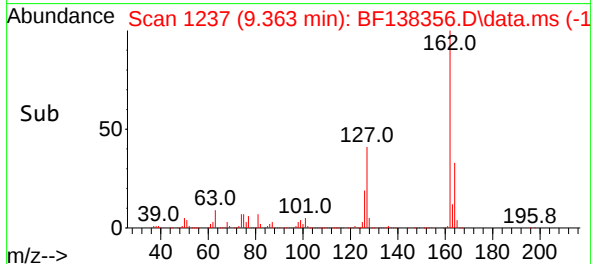


Tgt Ion:162 Resp: 129890
Ion Ratio Lower Upper
162 100
127 40.5 33.6 50.4
164 33.0 27.2 40.8

Manual Integrations

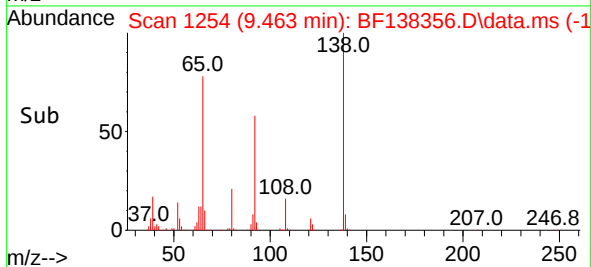
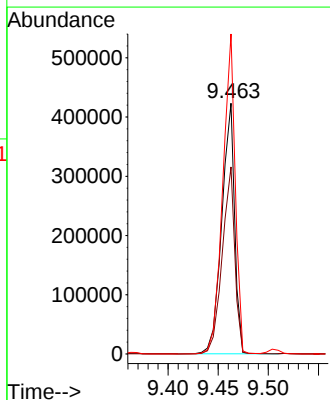
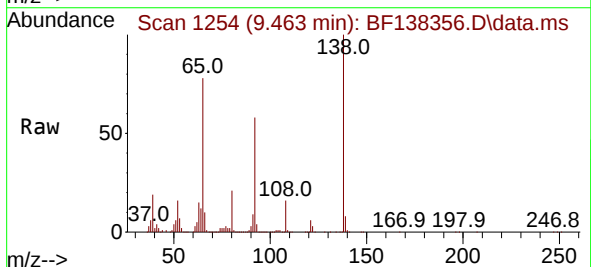
APPROVED

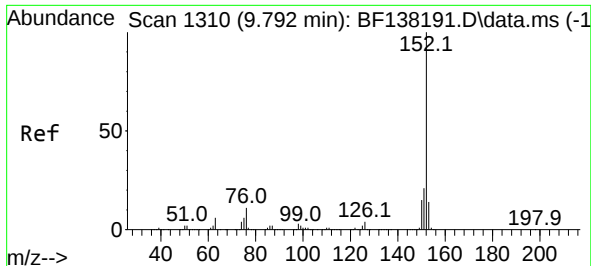
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#48
2-Nitroaniline
Concen: 54.499 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion: 65 Resp: 375813
Ion Ratio Lower Upper
65 100
92 74.6 56.6 85.0
138 127.6 90.1 135.1





#49

Acenaphthylene

Concen: 49.861 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion:152 Resp: 200196

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

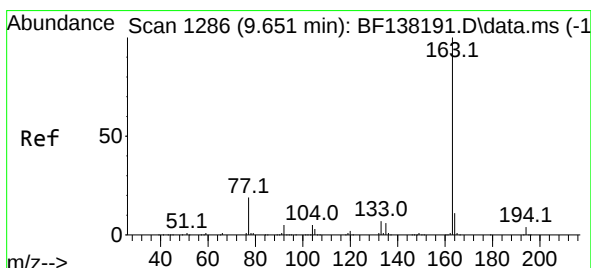
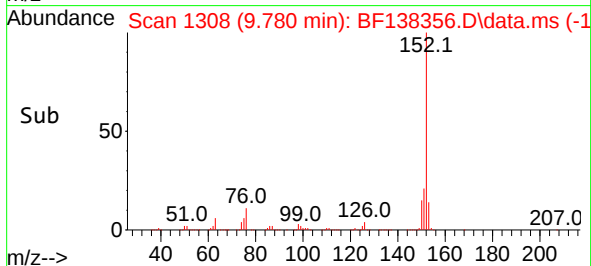
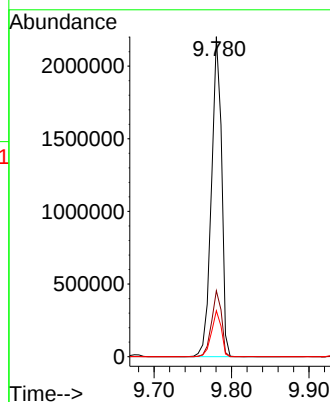
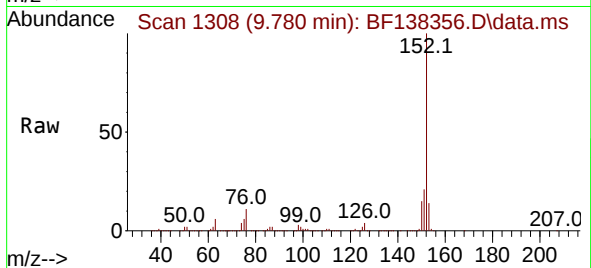
153 14.4 11.4 17.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#50

Dimethylphthalate

Concen: 50.832 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

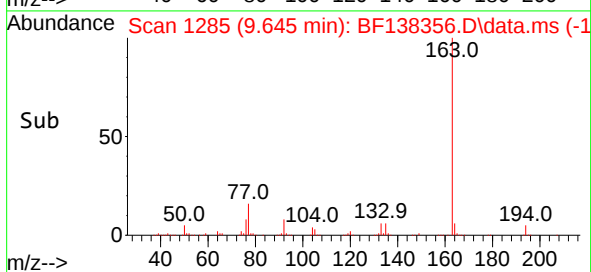
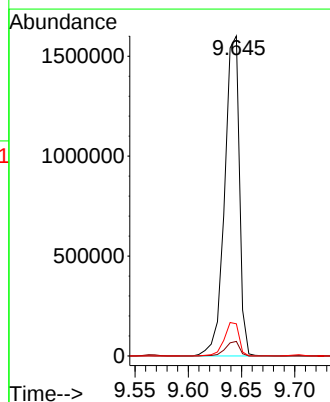
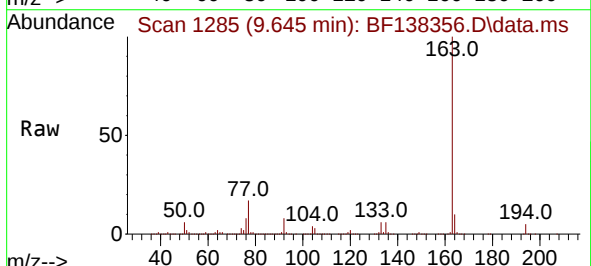
Tgt Ion:163 Resp: 1537789

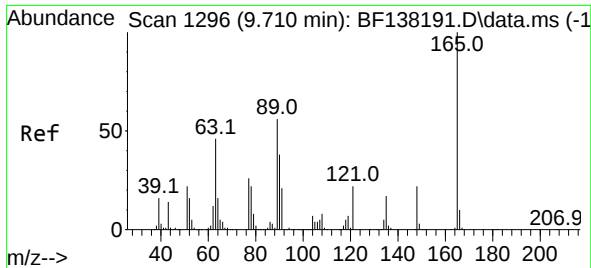
Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

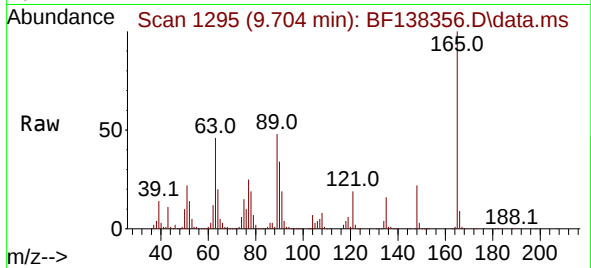
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 54.142 ng
RT: 9.704 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

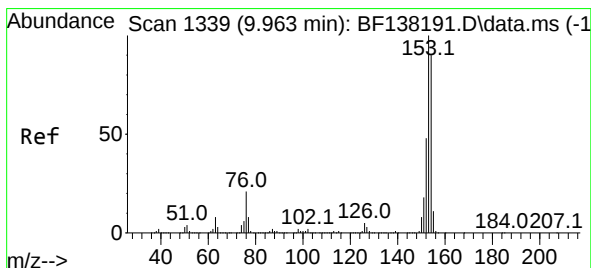
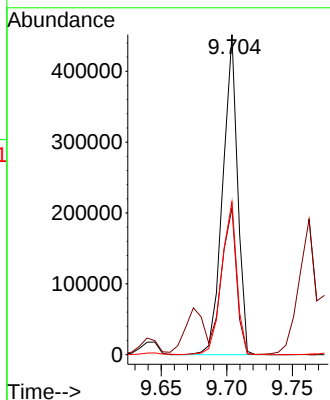
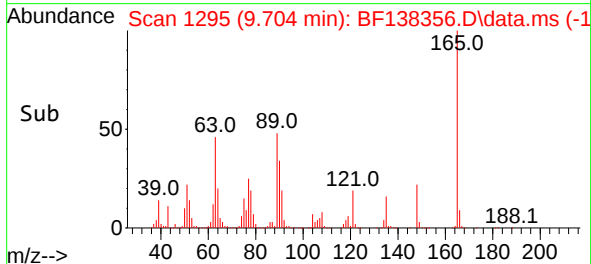
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



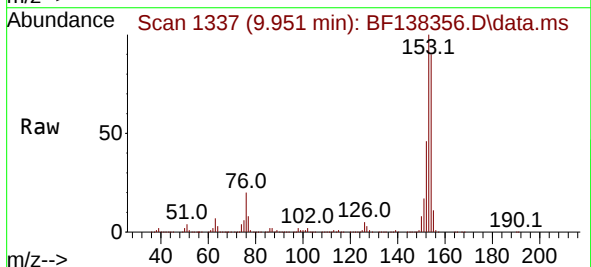
Tgt Ion:165 Resp: 355338
Ion Ratio Lower Upper
165 100
63 45.8 43.7 65.5
89 47.8 44.9 67.3

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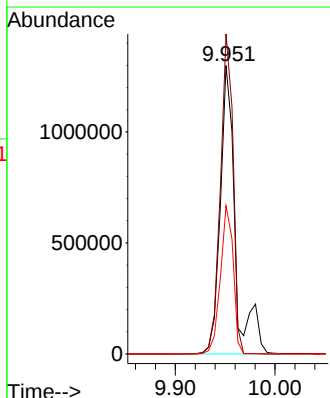
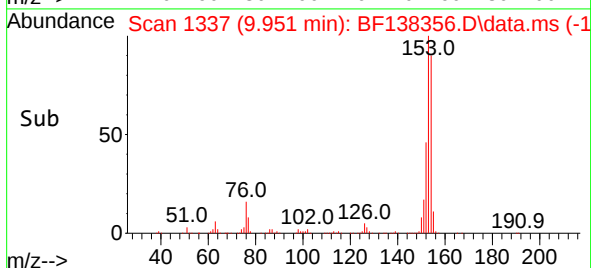
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

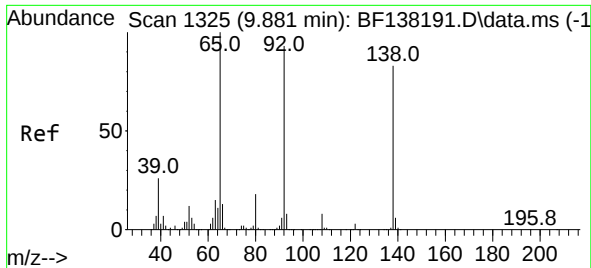


#52
Acenaphthene
Concen: 49.342 ng m
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:154 Resp: 1350956
Ion Ratio Lower Upper
154 100
153 110.9 89.1 133.7
152 51.3 42.4 63.6





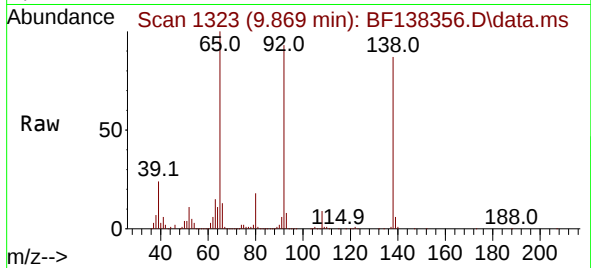
#53
3-Nitroaniline
Concen: 31.813 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



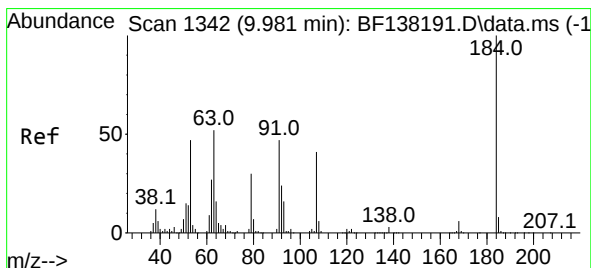
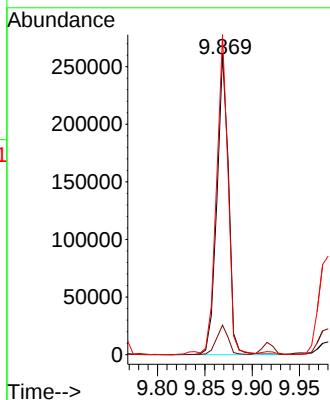
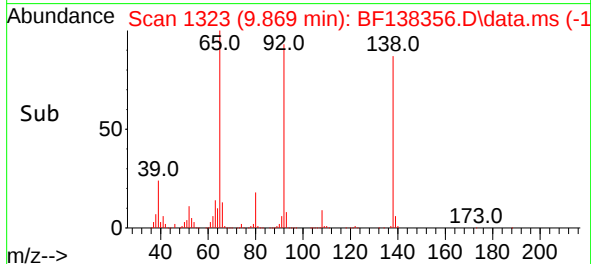
Tgt Ion:138 Resp: 223040
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 106.6 90.0 135.0

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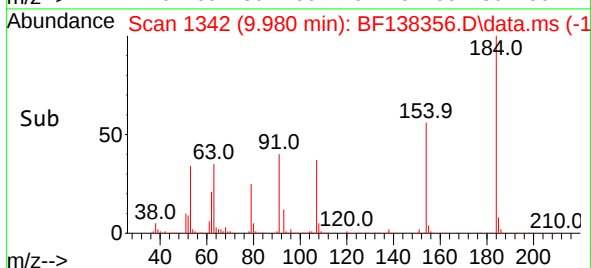
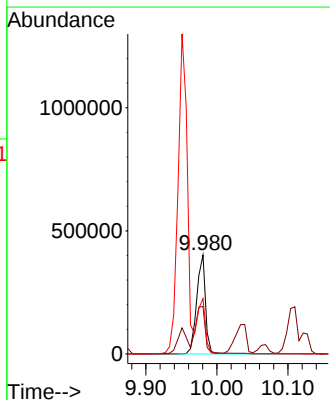
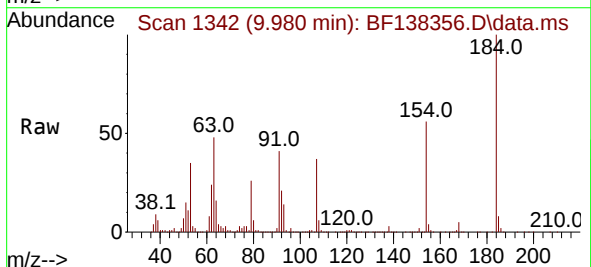
Reviewed By :Yogesh Patel 06/27/2024

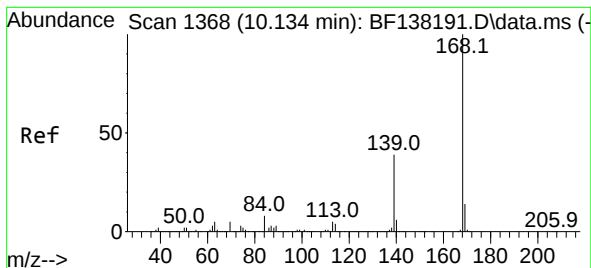
Supervised By :mohammad ahmed 06/27/2024



#54
2,4-Dinitrophenol
Concen: 97.630 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

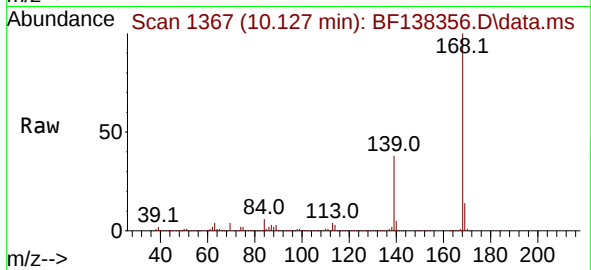
Tgt Ion:184 Resp: 353035
Ion Ratio Lower Upper
184 100
63 48.0 49.2 73.8#
154 56.0 46.7 70.1





#55
Dibenzenofuran
Concen: 46.266 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

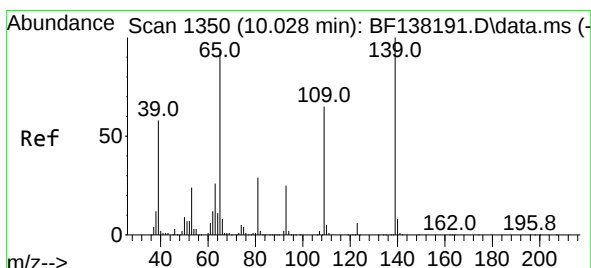
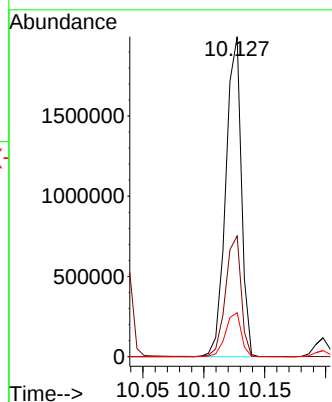
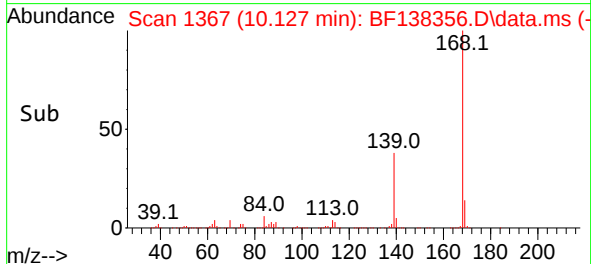
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



Tgt Ion:168 Resp: 1770798
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.4
169 13.7 11.4 17.0

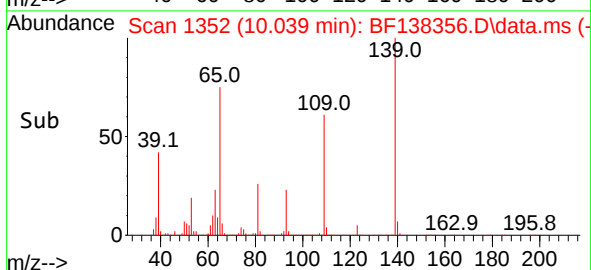
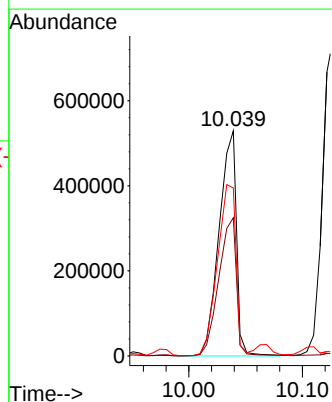
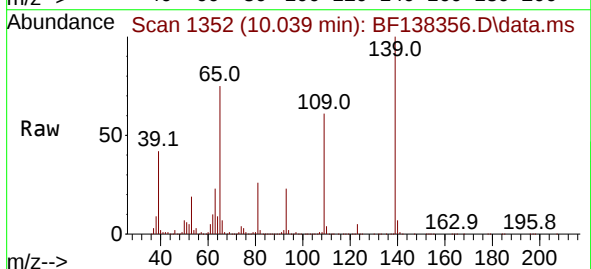
Manual Integrations
APPROVED

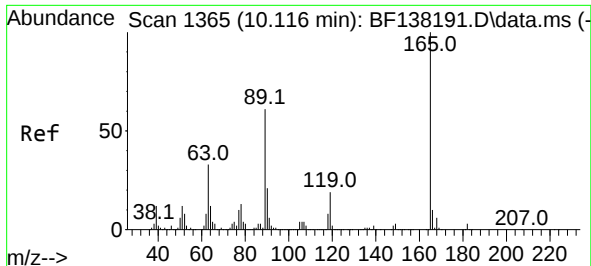
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#56
4-Nitrophenol
Concen: 101.503 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:139 Resp: 562394
Ion Ratio Lower Upper
139 100
109 61.4 44.6 84.6
65 74.6 73.1 113.1





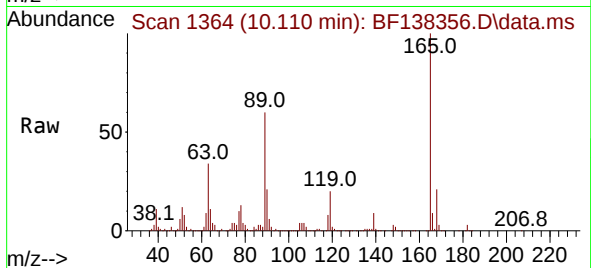
#57
2,4-Dinitrotoluene
Concen: 58.551 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



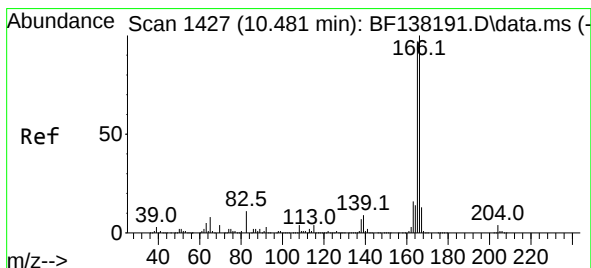
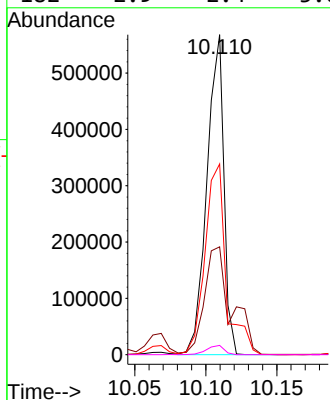
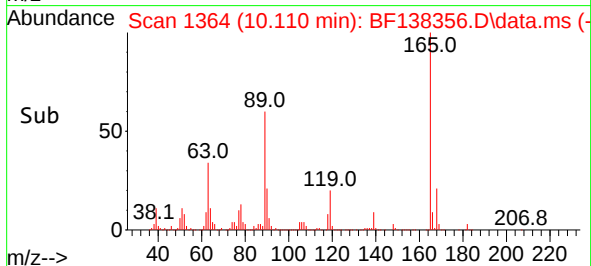
Tgt Ion:165 Resp: 473960
Ion Ratio Lower Upper
165 100
63 33.7 26.6 39.8
89 59.6 48.7 73.1
182 2.9 2.4 3.6

Manual Integrations

APPROVED

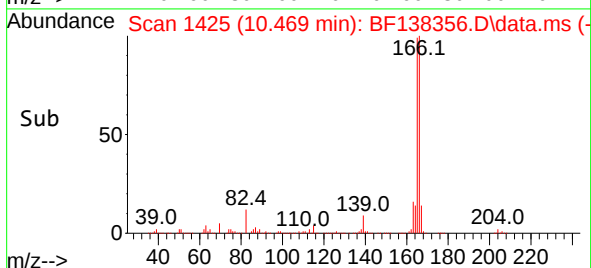
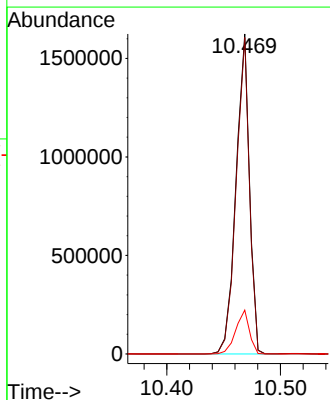
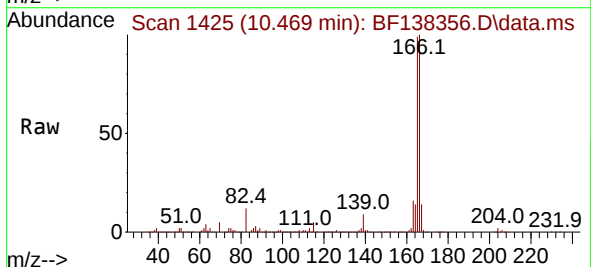
Reviewed By :Yogesh Patel 06/27/2024

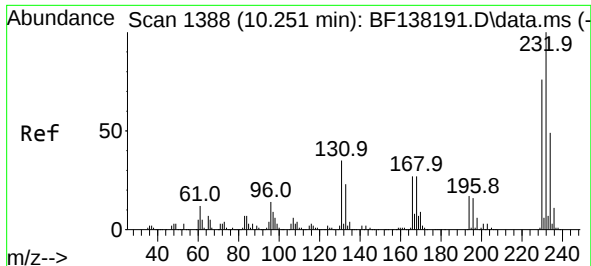
Supervised By :mohammad ahmed 06/27/2024



#58
Fluorene
Concen: 44.350 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

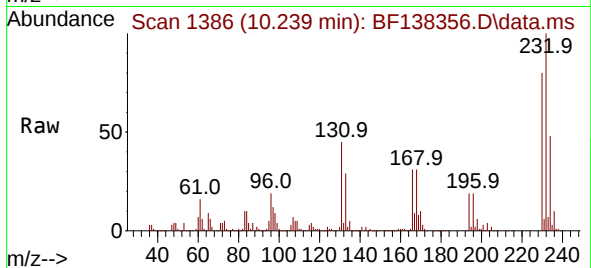
Tgt Ion:166 Resp: 1334614
Ion Ratio Lower Upper
166 100
165 98.9 77.9 116.9
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.045 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

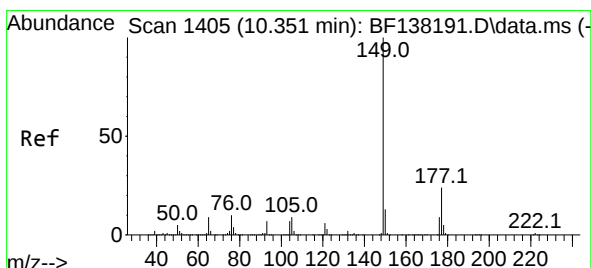
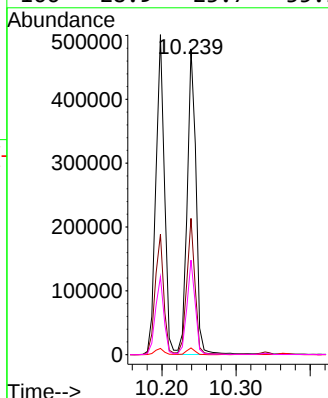
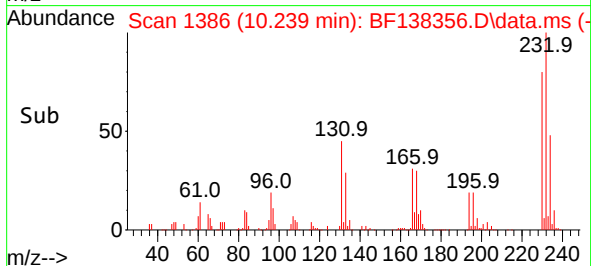
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



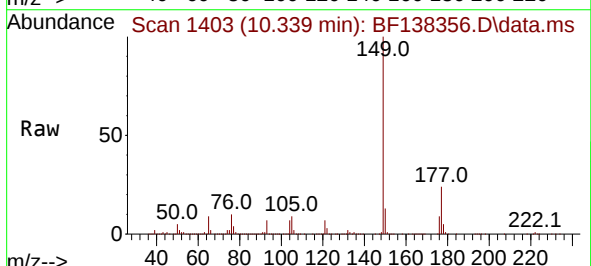
Tgt Ion:232 Resp: 395790
Ion Ratio Lower Upper
232 100
131 41.7 33.6 50.4
130 2.1 1.7 2.5
166 28.9 23.7 35.5

Manual Integrations
APPROVED

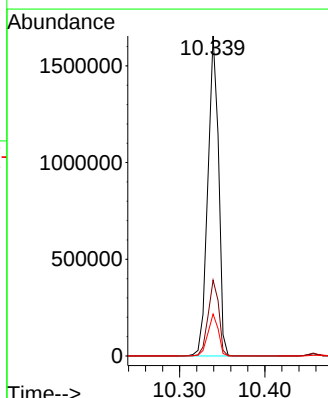
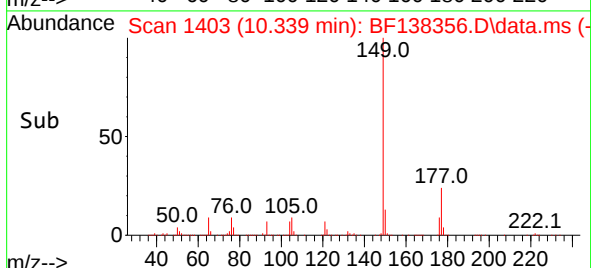
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

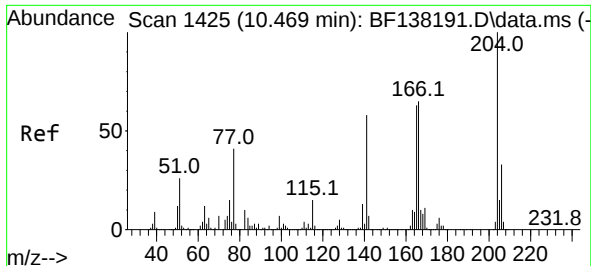


#60
Diethylphthalate
Concen: 50.255 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



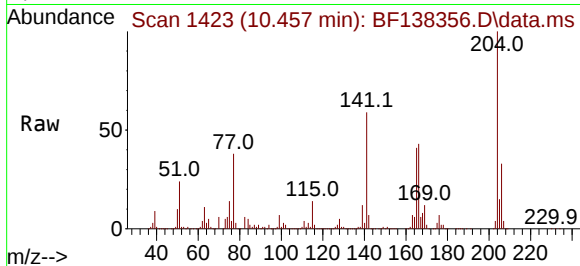
Tgt Ion:149 Resp: 1442961
Ion Ratio Lower Upper
149 100
177 23.7 19.4 29.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.070 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

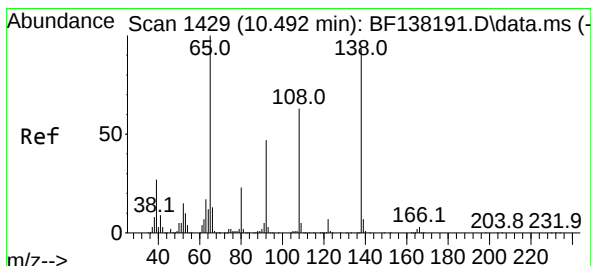
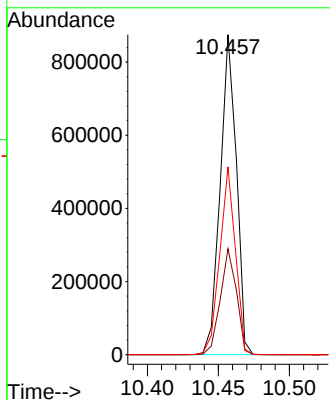
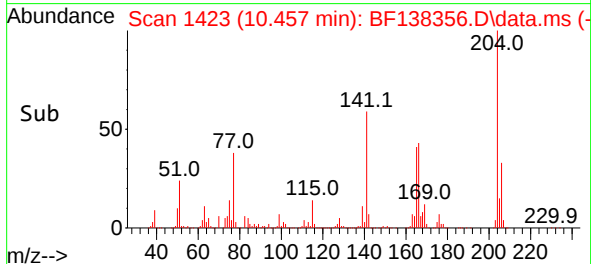
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



Tgt Ion:204 Resp: 690470
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 58.7 46.3 69.5

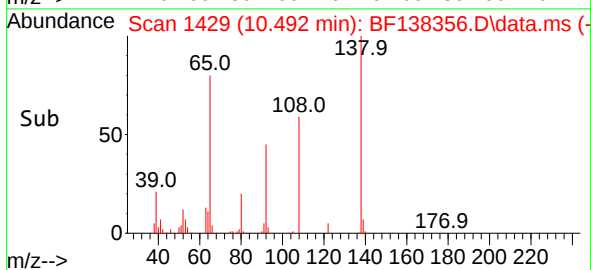
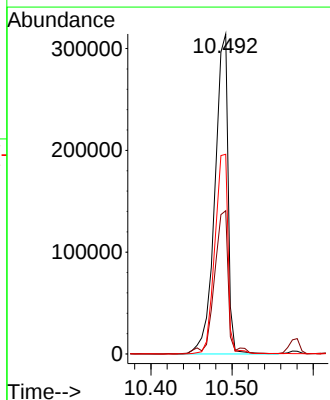
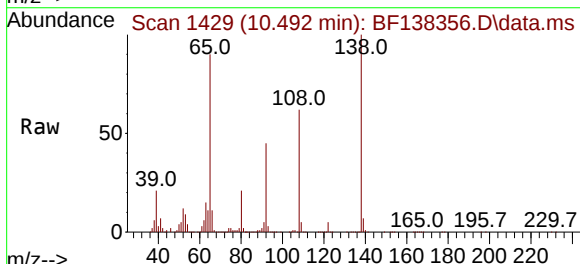
Manual Integrations
APPROVED

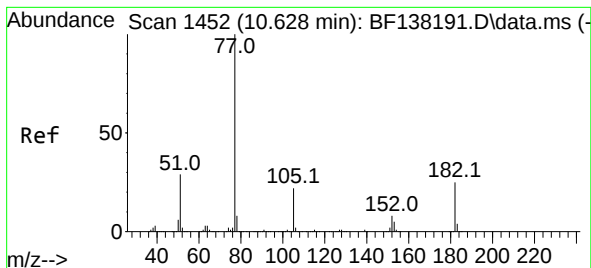
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#62
4-Nitroaniline
Concen: 50.691 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:138 Resp: 355100
Ion Ratio Lower Upper
138 100
92 44.8 30.9 70.9
108 62.4 47.8 87.8





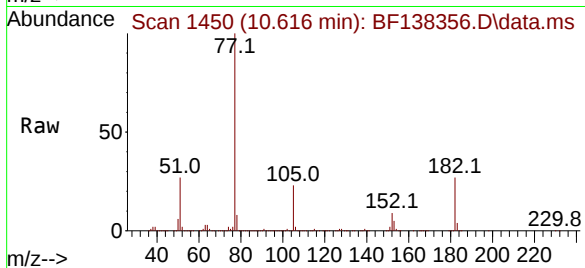
#63
Azobenzene
Concen: 46.729 ng
RT: 10.616 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



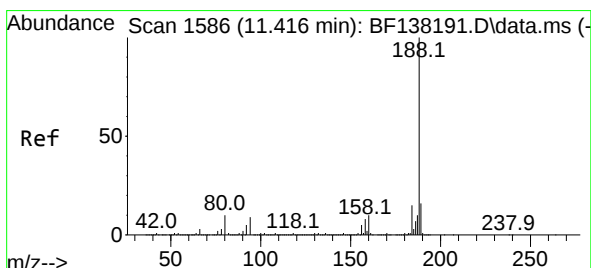
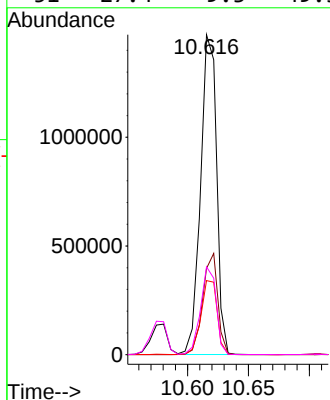
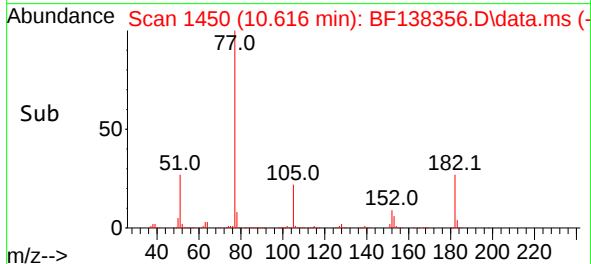
Tgt Ion: 77 Resp: 1344192
Ion Ratio Lower Upper
77 100
182 26.9 5.5 45.5
105 23.2 1.8 41.8
51 27.4 9.3 49.3

Manual Integrations

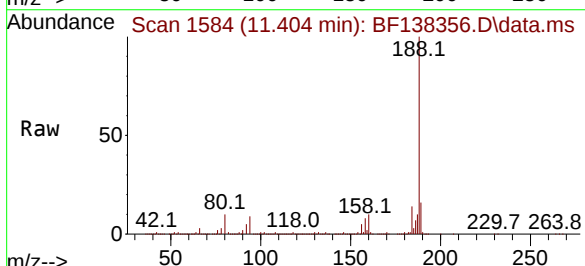
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

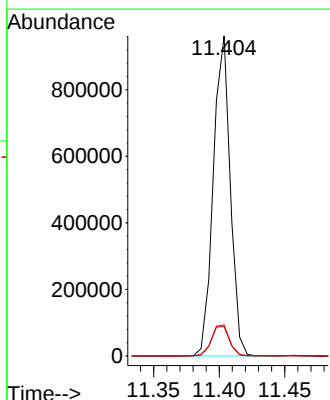
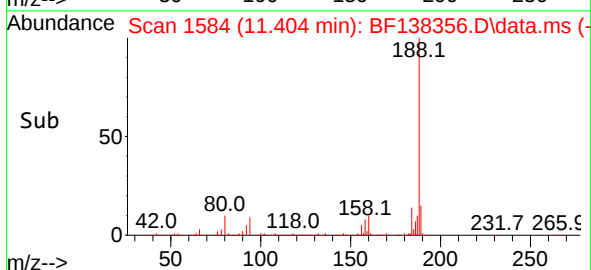
Supervised By :mohammad ahmed 06/27/2024

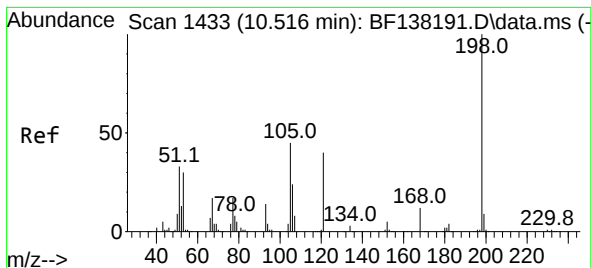


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



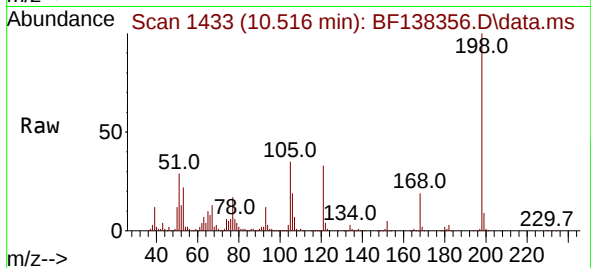
Tgt Ion:188 Resp: 862486
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.7 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 58.129 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

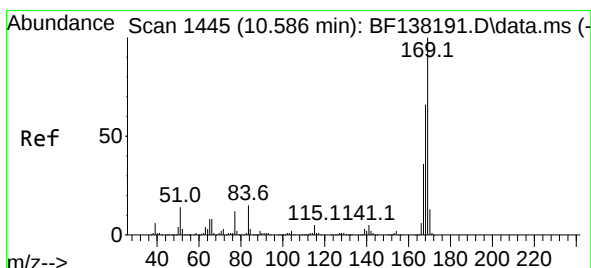
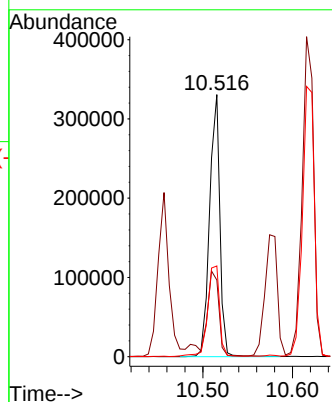
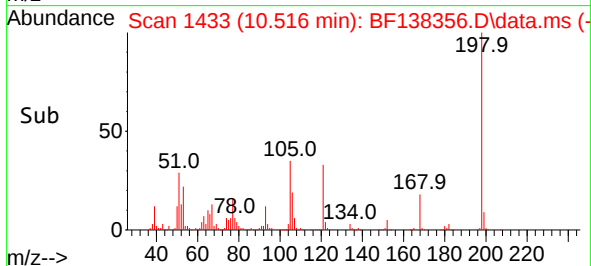
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



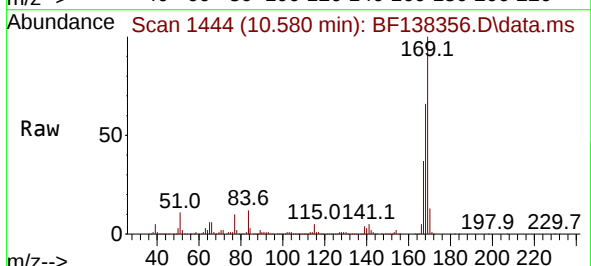
Tgt Ion:198 Resp: 262988
Ion Ratio Lower Upper
198 100
51 29.2 26.9 66.9
105 34.6 26.0 66.0

Manual Integrations
APPROVED

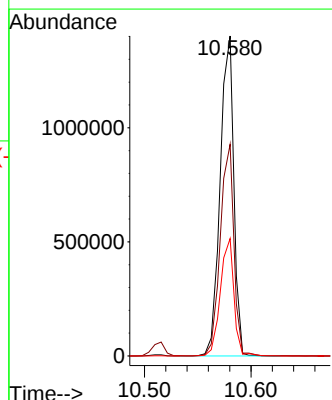
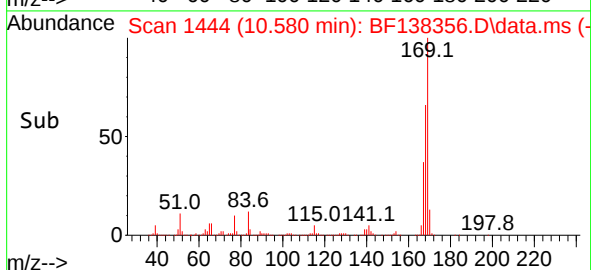
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

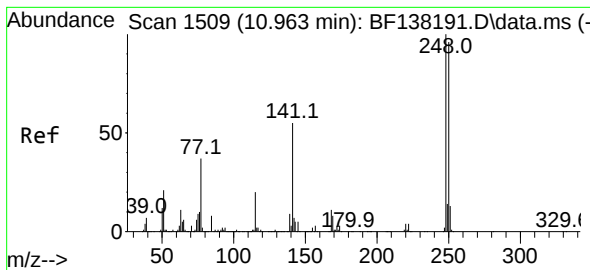


#66
n-Nitrosodiphenylamine
Concen: 46.962 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:169 Resp: 1240048
Ion Ratio Lower Upper
169 100
168 66.2 52.9 79.3
167 36.7 29.0 43.6





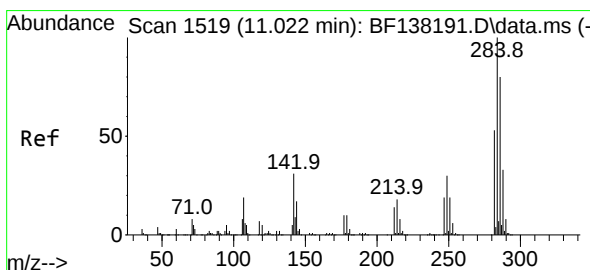
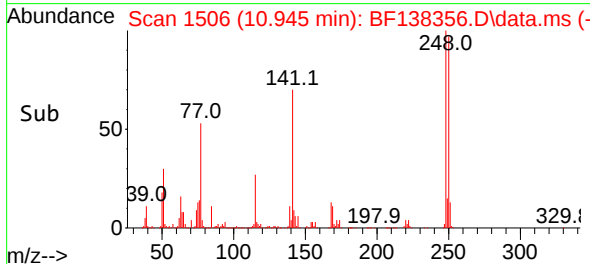
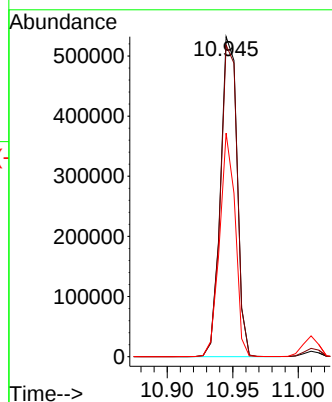
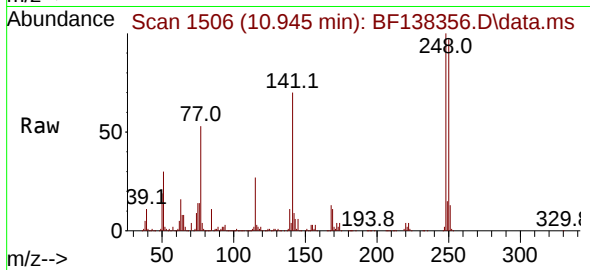
#67
4-Bromophenyl-phenylether
Concen: 48.114 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion:248 Resp: 467608
Ion Ratio Lower Upper
248 100
250 97.4 77.2 115.8
141 69.8 44.1 66.1

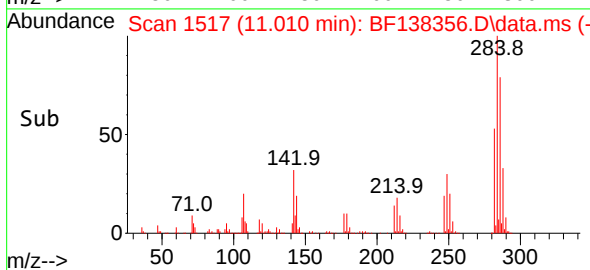
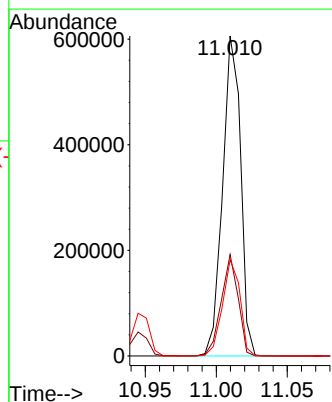
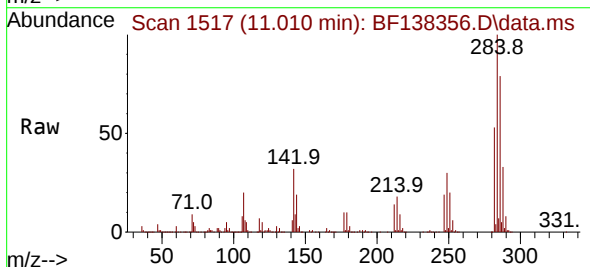
Manual Integrations
APPROVED

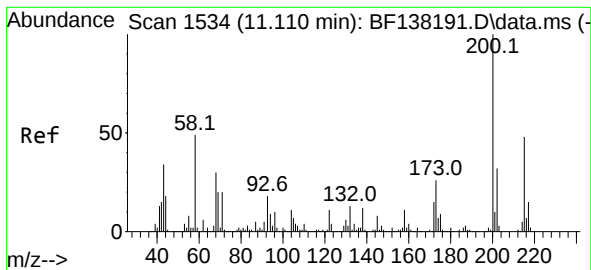
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#68
Hexachlorobenzene
Concen: 46.976 ng
RT: 11.010 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:284 Resp: 532794
Ion Ratio Lower Upper
284 100
142 31.7 24.8 37.2
249 30.1 23.8 35.6





#69

Atrazine

Concen: 53.850 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion:200 Resp: 405004

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

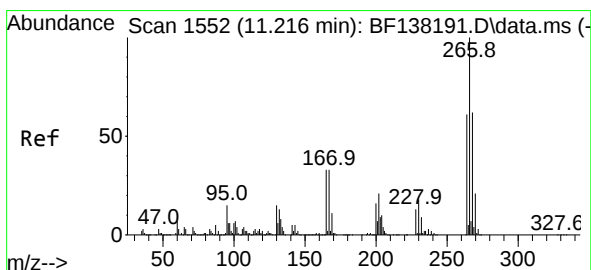
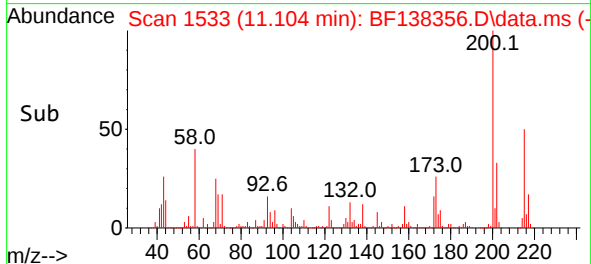
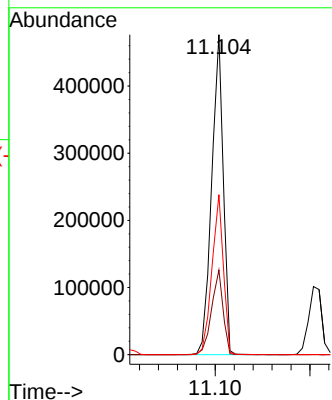
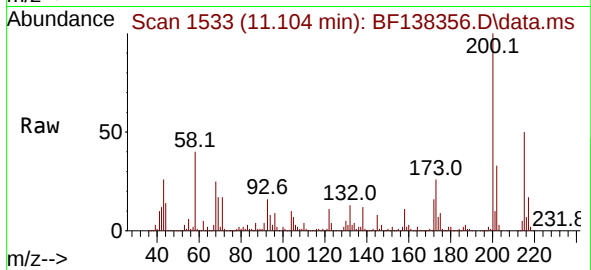
215 50.0 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#70

Pentachlorophenol

Concen: 87.099 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

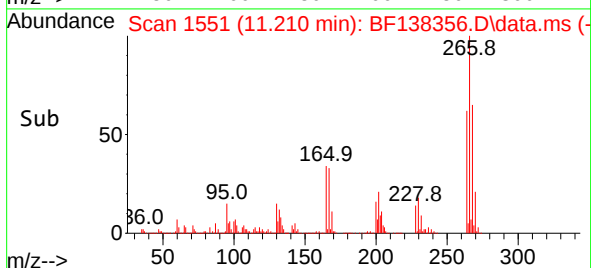
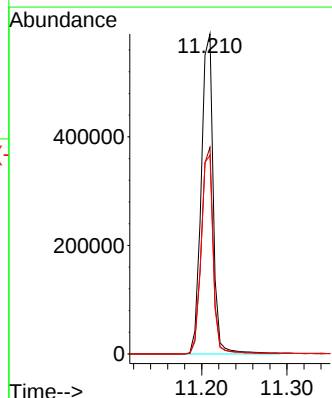
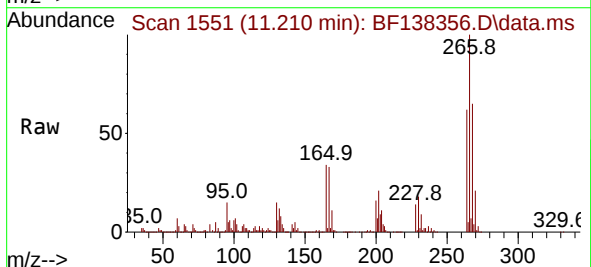
Tgt Ion:266 Resp: 576126

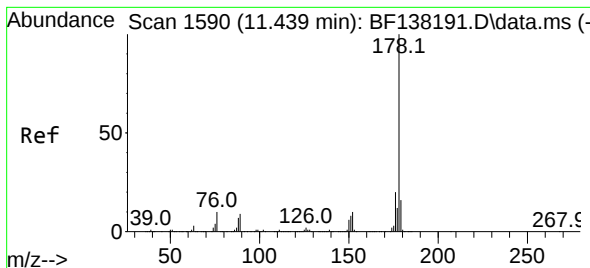
Ion Ratio Lower Upper

266 100

268 64.6 49.5 74.3

264 62.0 49.2 73.8





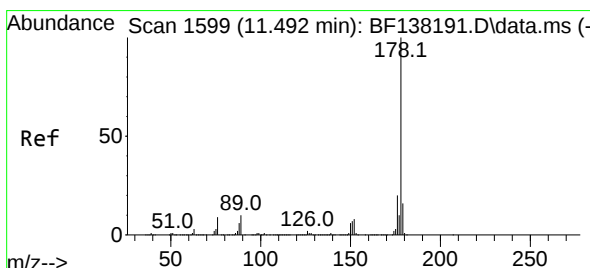
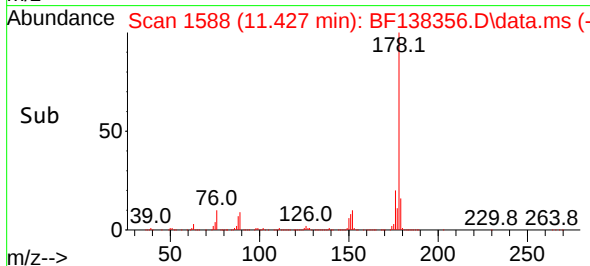
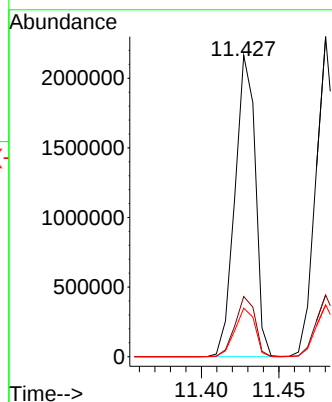
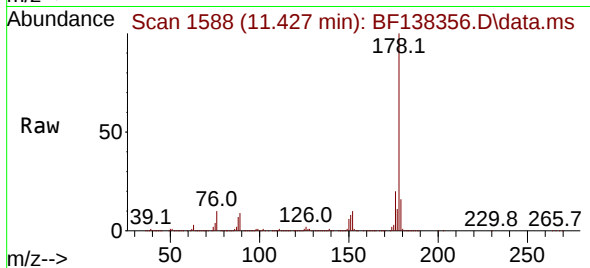
#71
Phenanthrene
Concen: 46.484 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion:178 Resp: 1982680
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.1 13.1 19.7

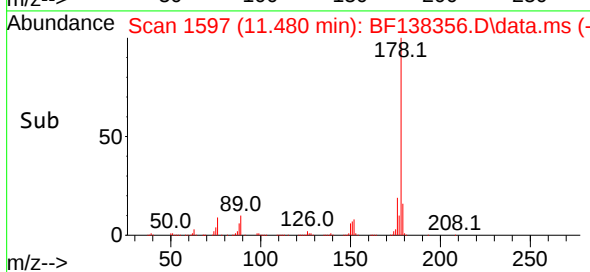
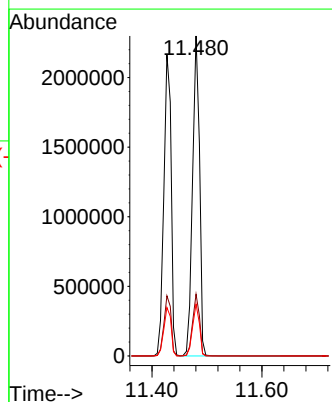
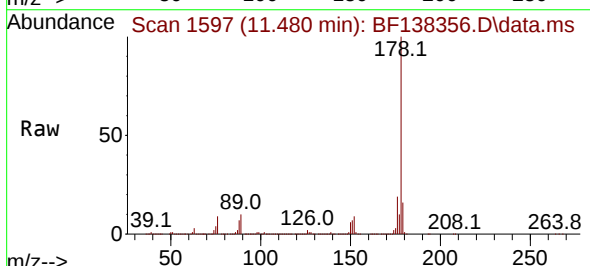
Manual Integrations
APPROVED

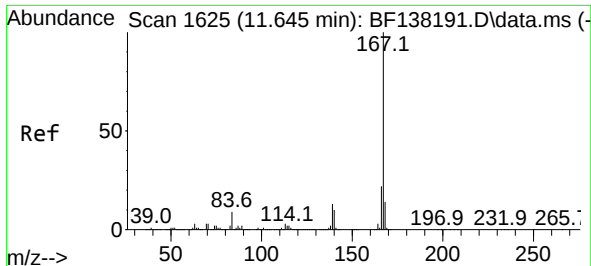
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Anthracene
Concen: 47.581 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:178 Resp: 2014960
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 16.2 13.0 19.6





#73
 Carbazole
 Concen: 45.392 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. -0.012 min
 Lab File: BF138356.D
 Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

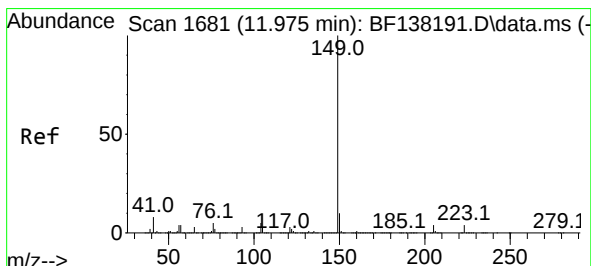
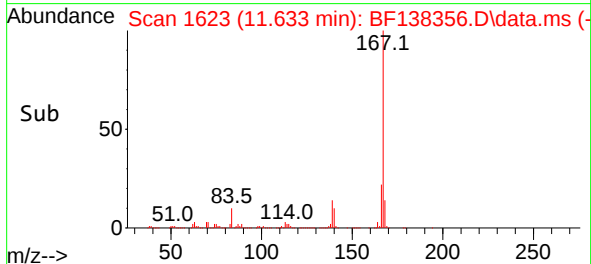
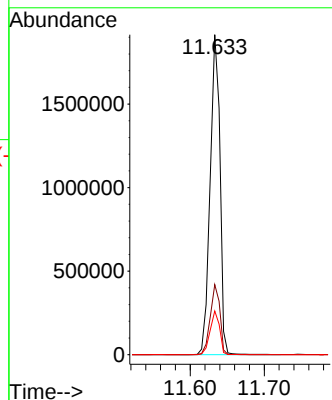
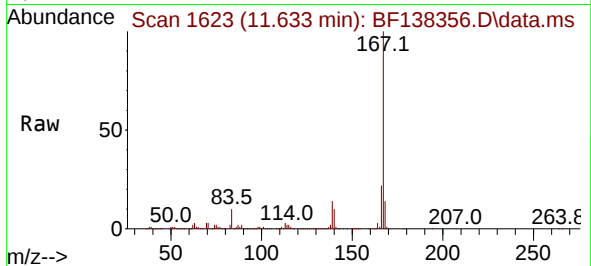
WC-NORTH-1MS

Tgt Ion:167 Resp: 1763099
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.7 10.6 16.0

Manual Integrations

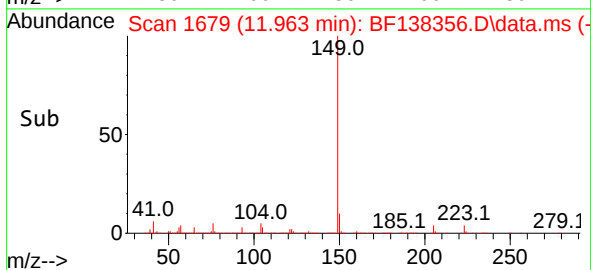
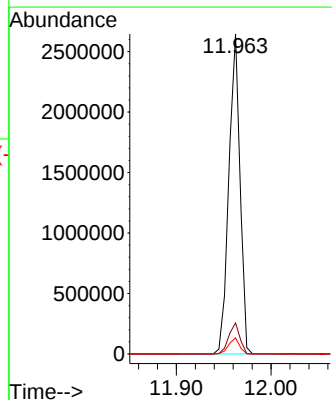
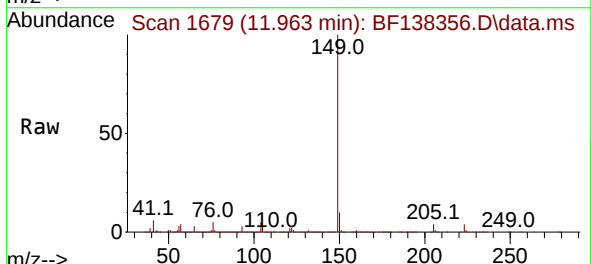
APPROVED

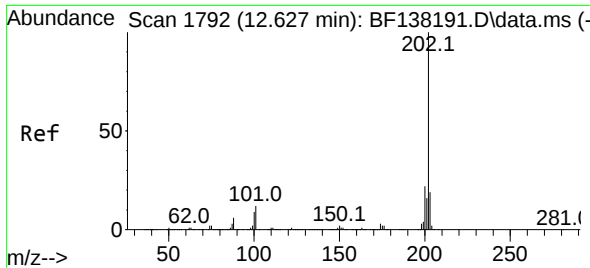
Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024



#74
 Di-n-butylphthalate
 Concen: 54.135 ng
 RT: 11.963 min Scan# 1679
 Delta R.T. -0.012 min
 Lab File: BF138356.D
 Acq: 26 Jun 2024 17:27

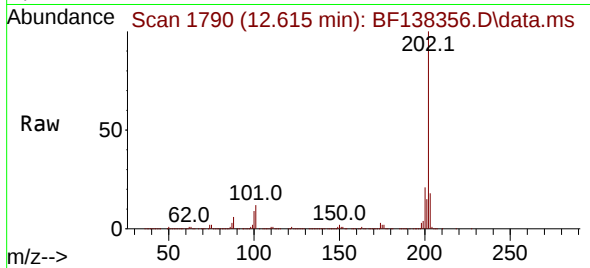
Tgt Ion:149 Resp: 2176805
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 44.601 ng
RT: 12.615 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

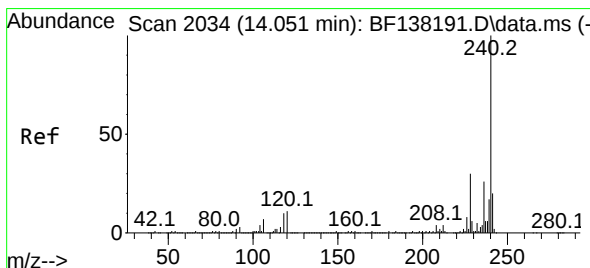
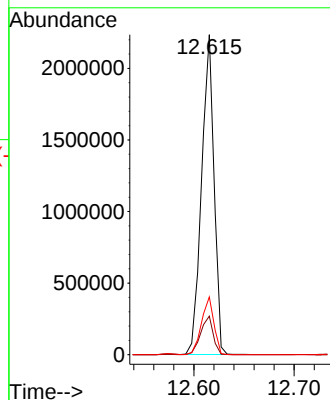
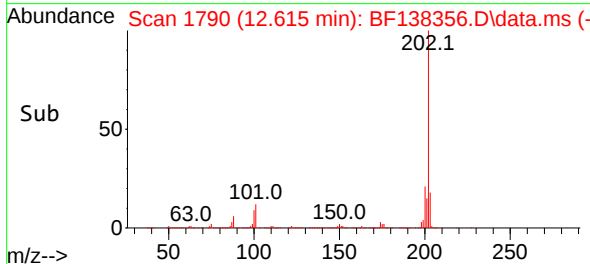
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



Tgt Ion:202 Resp: 193987
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.8
203 18.0 0.0 38.6

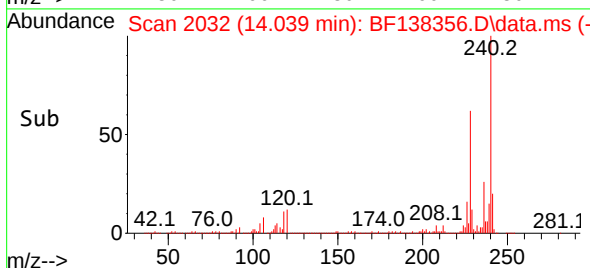
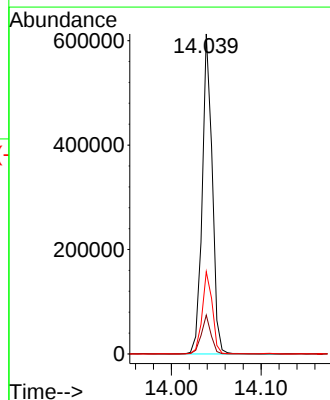
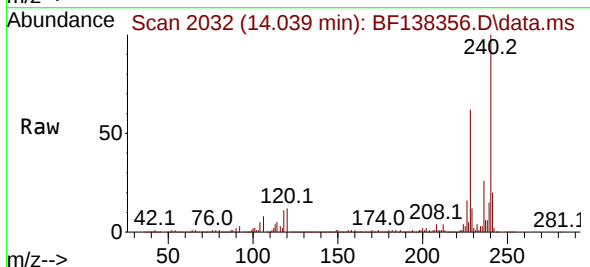
Manual Integrations
APPROVED

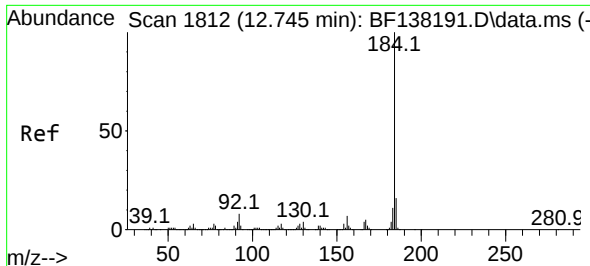
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

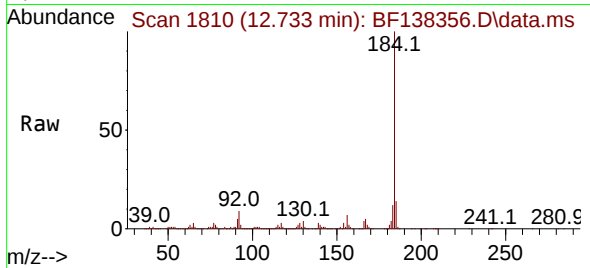
Tgt Ion:240 Resp: 473869
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.7 21.0 31.6





#77
Benzidine
Concen: 93.089 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

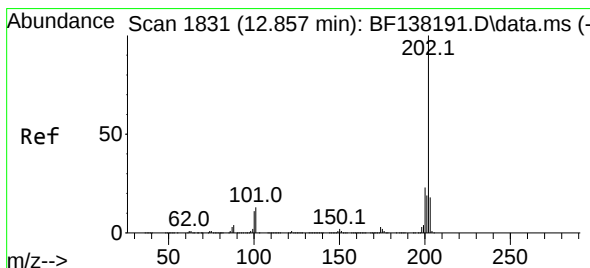
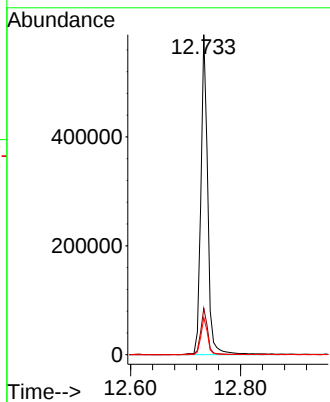
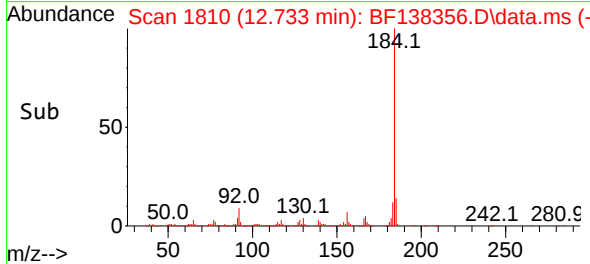
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS



Tgt Ion:184 Resp: 510230
Ion Ratio Lower Upper
184 100
185 14.5 12.6 19.0
183 11.6 9.0 13.6

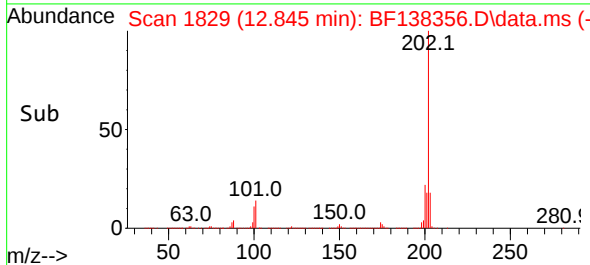
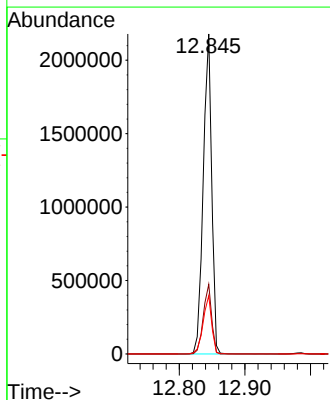
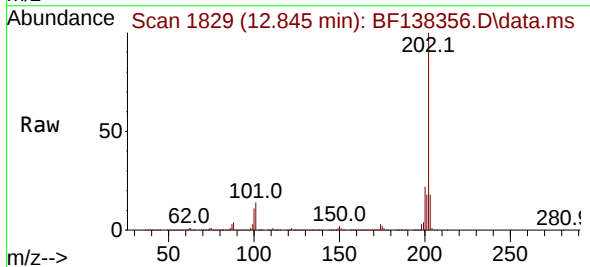
Manual Integrations
APPROVED

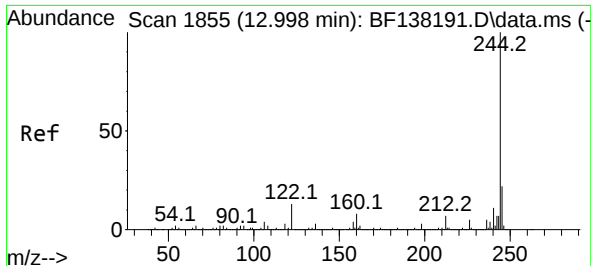
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#78
Pyrene
Concen: 47.917 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:202 Resp: 1958539
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.2 14.7 22.1





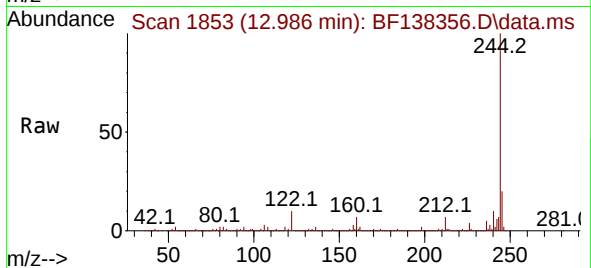
#79
Terphenyl-d14
Concen: 68.846 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



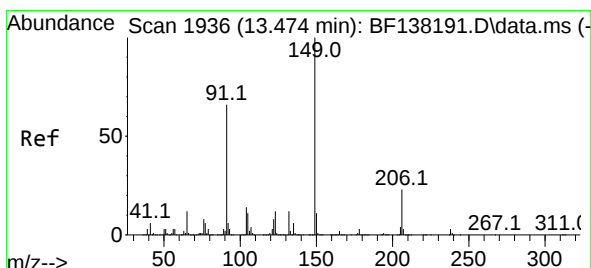
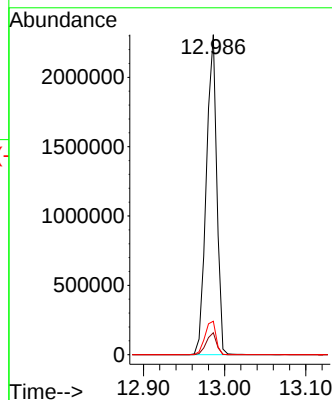
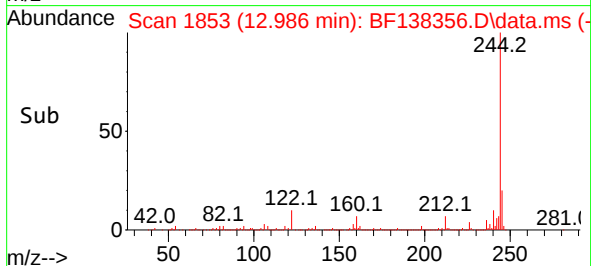
Tgt Ion:244 Resp: 205981
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.5 10.6 15.8

Manual Integrations

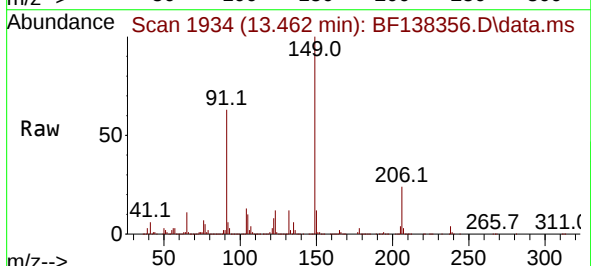
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

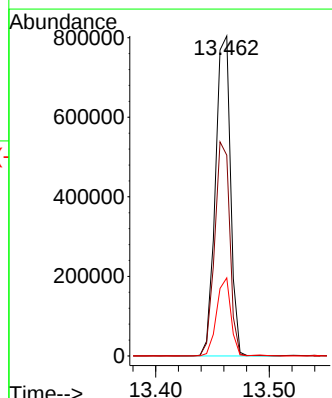
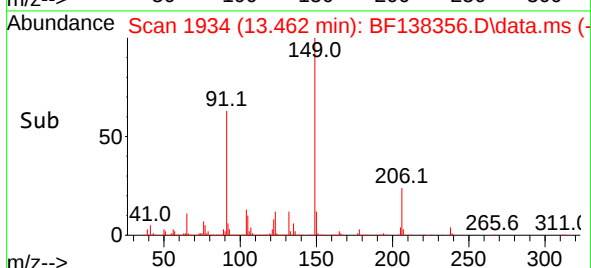
Supervised By :mohammad ahmed 06/27/2024

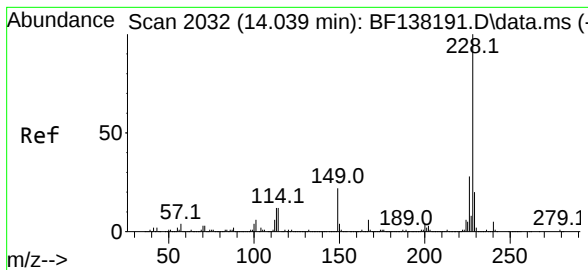


#80
Butylbenzylphthalate
Concen: 67.030 ng
RT: 13.462 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:149 Resp: 745245
Ion Ratio Lower Upper
149 100
91 62.7 53.2 79.8
206 24.4 18.6 27.8





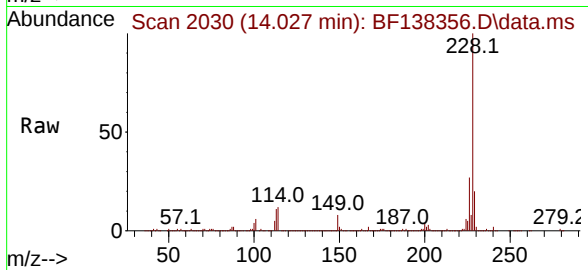
#81
Benzo(a)anthracene
Concen: 49.357 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



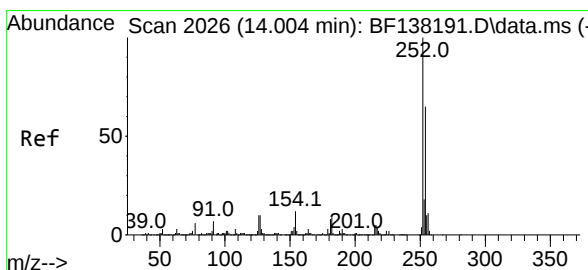
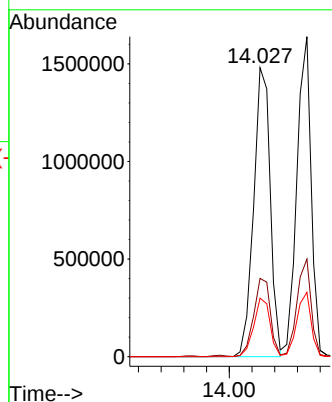
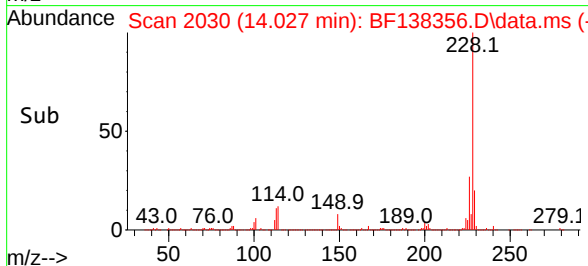
Tgt Ion:228 Resp: 1500499
Ion Ratio Lower Upper
228 100
226 27.1 22.5 33.7
229 20.3 16.3 24.5

Manual Integrations

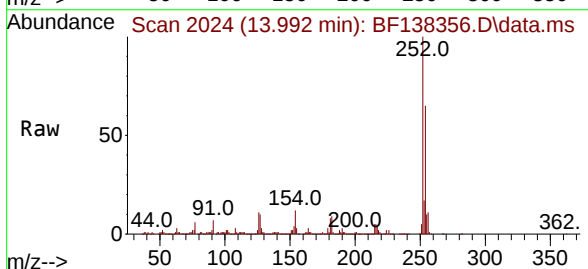
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

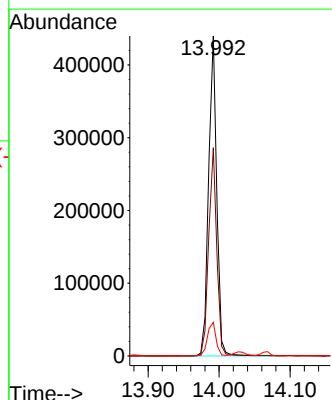
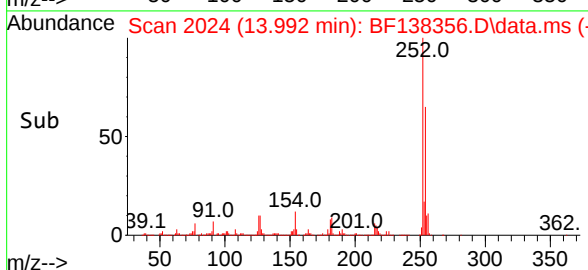
Supervised By :mohammad ahmed 06/27/2024

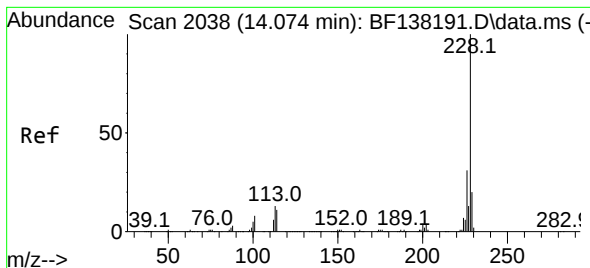


#82
3,3'-Dichlorobenzidine
Concen: 42.015 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:252 Resp: 351741
Ion Ratio Lower Upper
252 100
254 65.1 51.8 77.6
126 10.5 8.3 12.5





#83

Chrysene

Concen: 49.393 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion:228 Resp: 143128

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

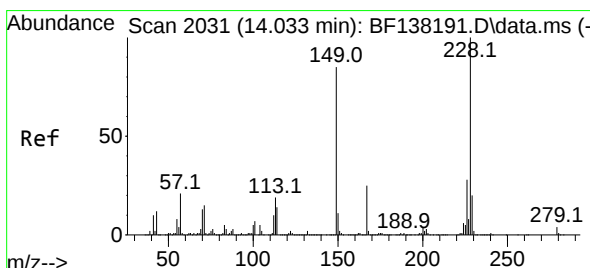
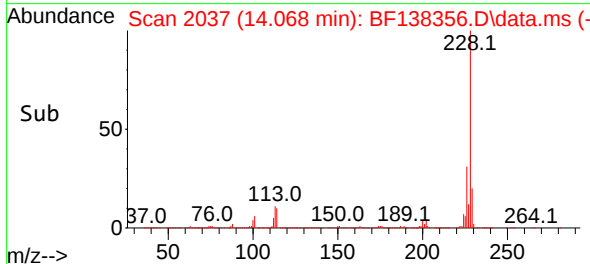
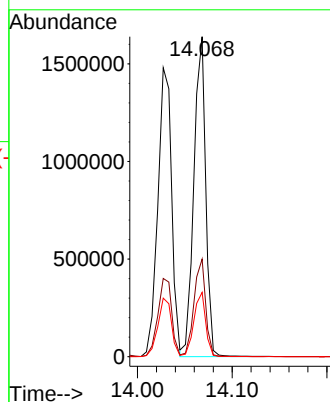
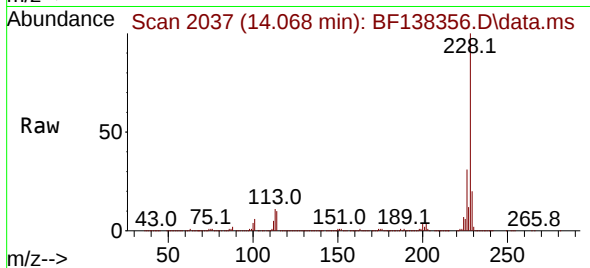
229 20.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.902 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.018 min

Lab File: BF138356.D

Acq: 26 Jun 2024 17:27

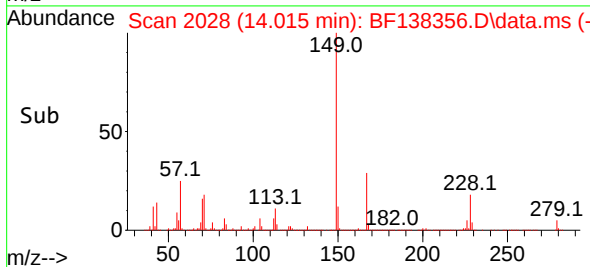
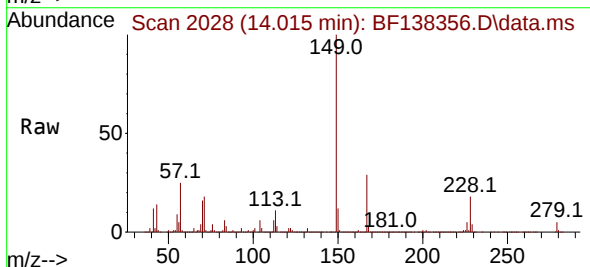
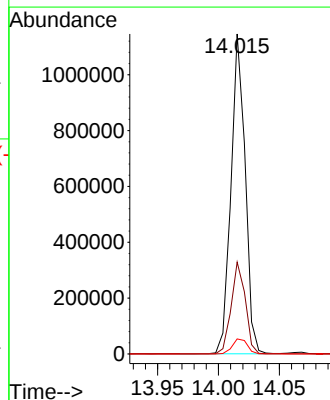
Tgt Ion:149 Resp: 929768

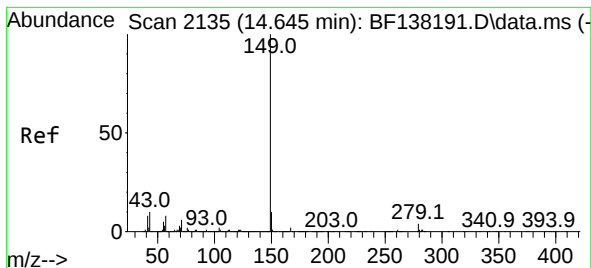
Ion Ratio Lower Upper

149 100

167 28.7 23.5 35.3

279 4.7 4.2 6.2





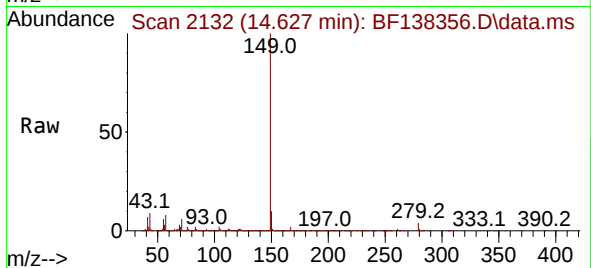
#85
Di-n-octyl phthalate
Concen: 77.249 ng
RT: 14.627 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



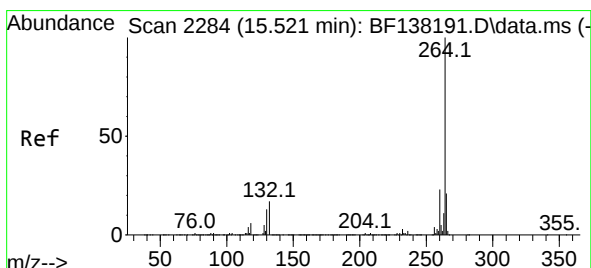
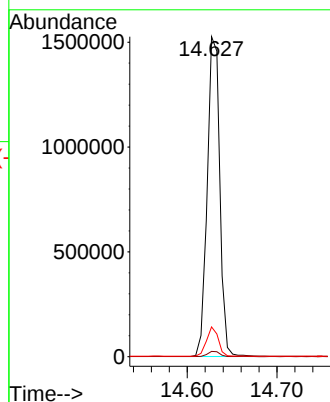
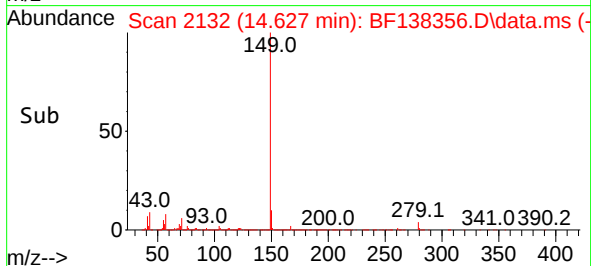
Tgt Ion:149 Resp: 1483984
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.8 11.6

Manual Integrations

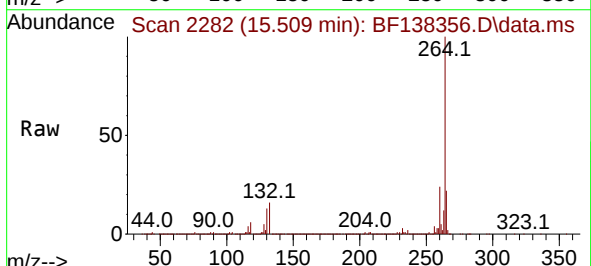
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

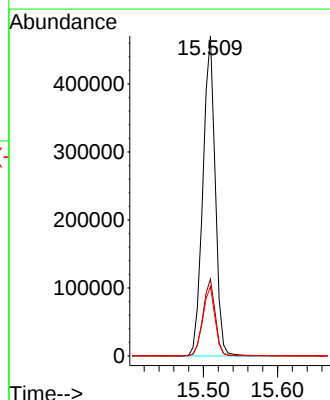
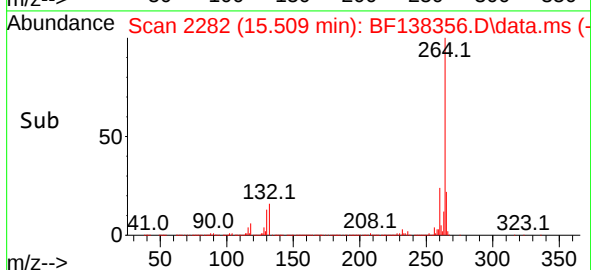
Supervised By :mohammad ahmed 06/27/2024

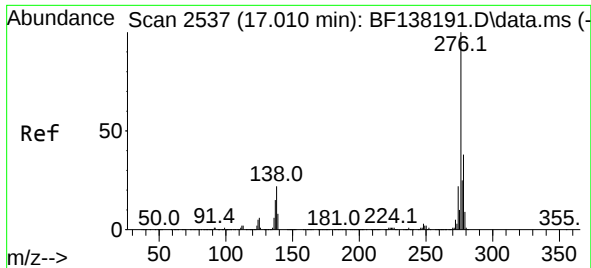


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27



Tgt Ion:264 Resp: 544739
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.7 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.819 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

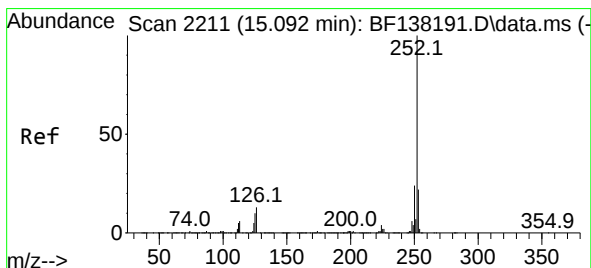
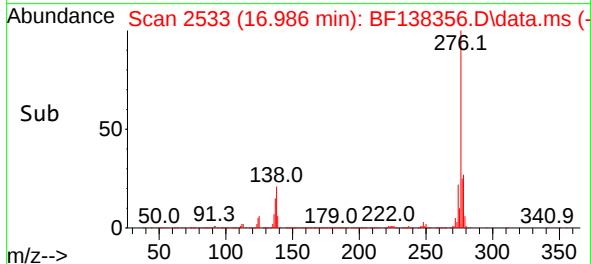
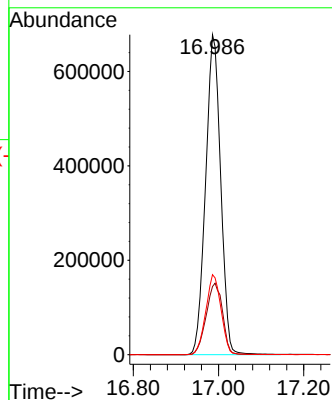
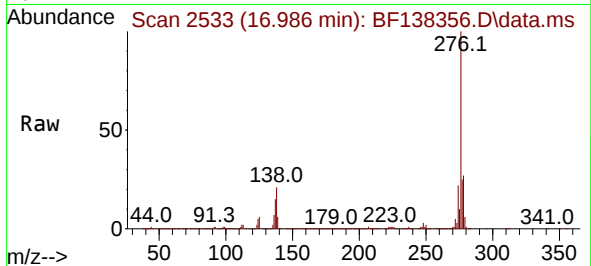
ClientSampleId :

WC-NORTH-1MS

Tgt Ion:276 Resp: 166263
Ion Ratio Lower Upper
276 100
138 24.3 19.3 28.9
277 25.5 20.2 30.2

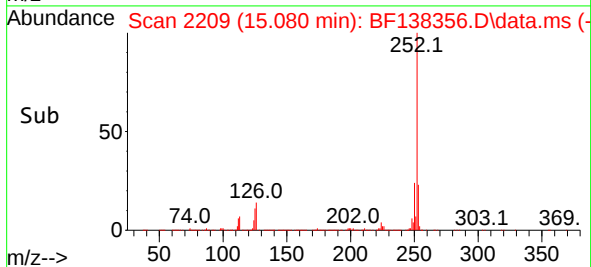
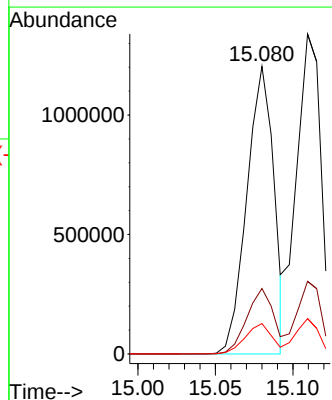
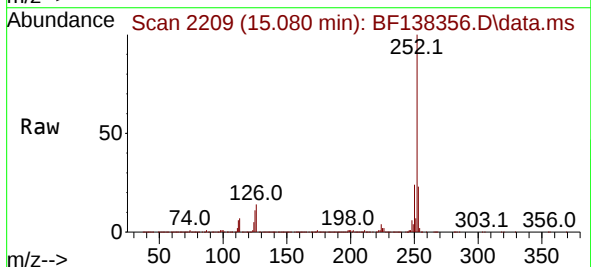
Manual Integrations
APPROVED

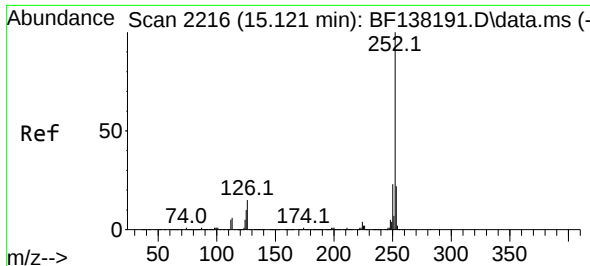
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#88
Benzo(b)fluoranthene
Concen: 45.568 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:252 Resp: 1463839
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.6 7.8 11.8





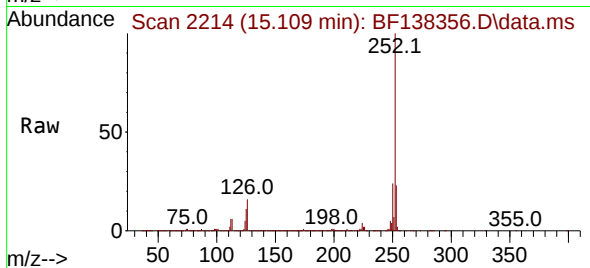
#89
Benzo(k)fluoranthene
Concen: 47.589 ng
RT: 15.109 min Scan# 2214
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



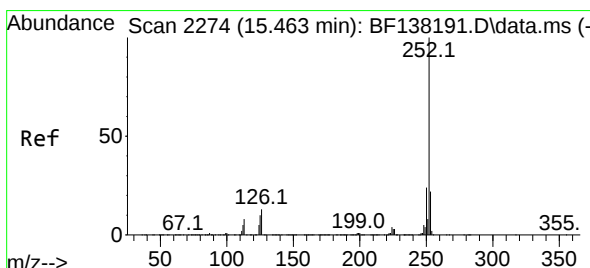
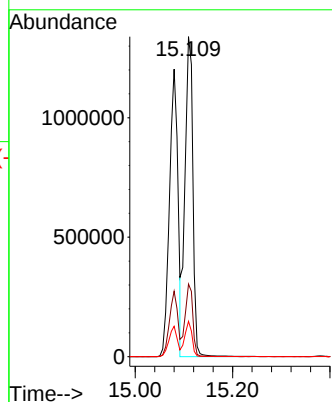
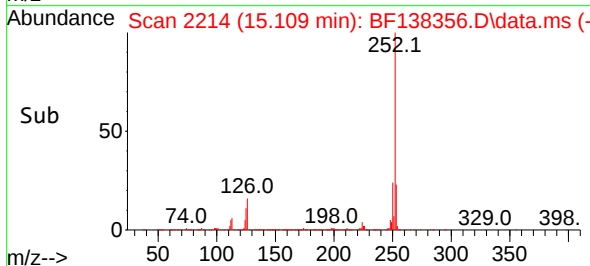
Tgt Ion:252 Resp: 1498229
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.0 8.0 12.0

Manual Integrations

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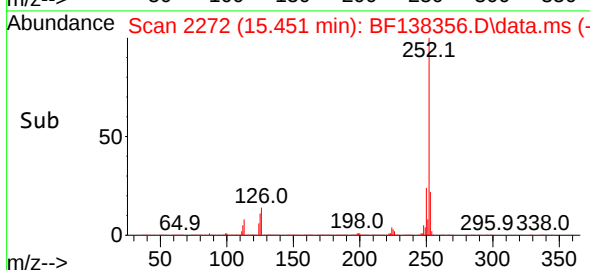
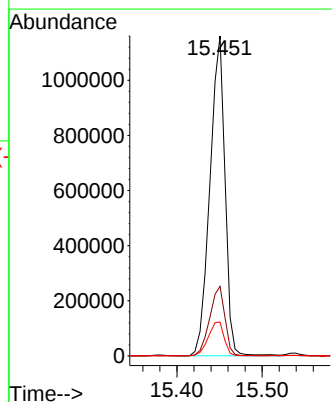
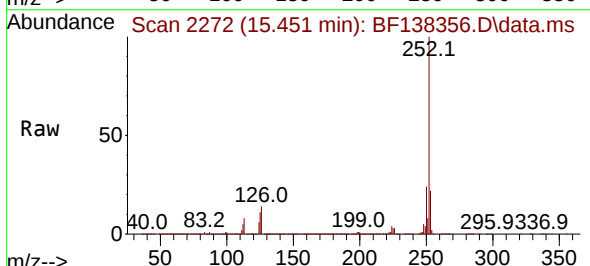
Reviewed By :Yogesh Patel 06/27/2024

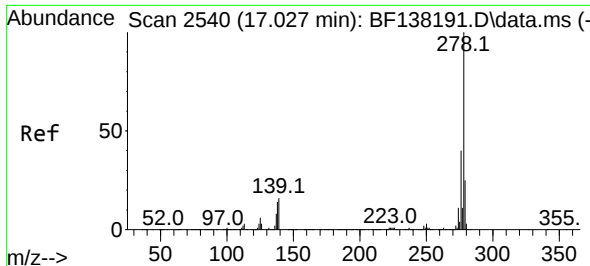
Supervised By :mohammad ahmed 06/27/2024



#90
Benzo(a)pyrene
Concen: 51.702 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:252 Resp: 1426849
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.6 8.2 12.2





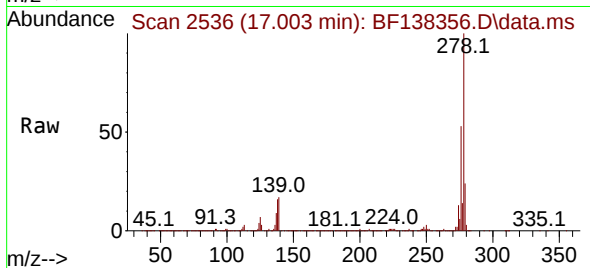
#91
Dibenzo(a,h)anthracene
Concen: 45.953 ng
RT: 17.003 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS



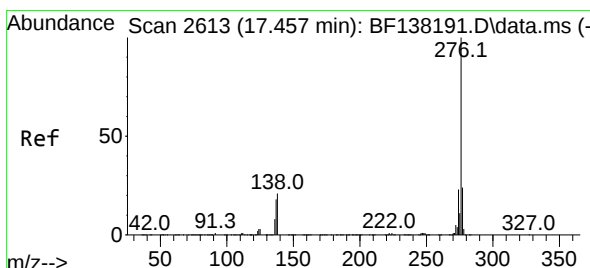
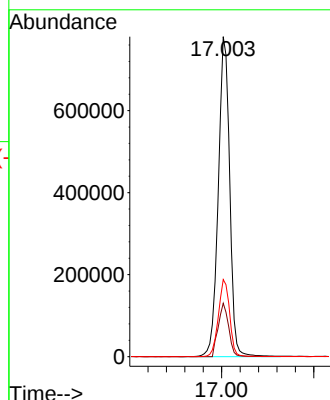
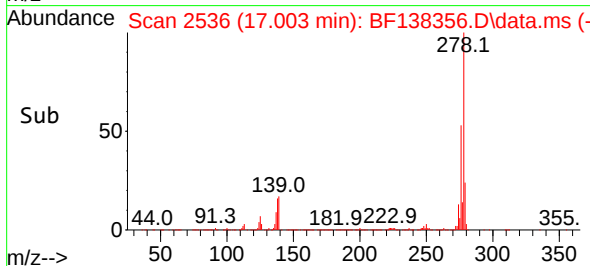
Tgt Ion:278 Resp: 133945
Ion Ratio Lower Upper
278 100
139 16.7 12.9 19.3
279 24.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#92
Benzo(g,h,i)perylene
Concen: 41.105 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF138356.D
Acq: 26 Jun 2024 17:27

Tgt Ion:276 Resp: 1239477
Ion Ratio Lower Upper
276 100
277 24.5 19.5 29.3
138 20.7 16.6 24.8

