

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138161.D
 Acq On : 07 Jun 2024 15:35
 Operator : CG\JU
 Sample : P2704-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 16:15:37 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 06 05:19:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	346004	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1341577	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	738559	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1177902	20.000	ng	0.00
76) Chrysene-d12	14.068	240	644159	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	723285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2055034	101.220	ng	0.00
7) Phenol-d6	6.534	99	2616985	101.878	ng	0.00
23) Nitrobenzene-d5	7.469	82	1556615	78.943	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	796417	112.050	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3121940	73.912	ng	0.00
79) Terphenyl-d14	13.010	244	2693184	62.536	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	344331	37.004	ng	97
3) Pyridine	3.528	79	797028	34.957	ng	97
4) n-Nitrosodimethylamine	3.481	42	457329	40.857	ng	93
6) Aniline	6.569	93	430807	16.541	ng	98
8) 2-Chlorophenol	6.692	128	981095	44.668	ng	95
10) Phenol	6.545	94	1141933m	43.270	ng	
11) bis(2-Chloroethyl)ether	6.645	93	896139	42.357	ng	96
12) 1,3-Dichlorobenzene	6.845	146	1040380	41.340	ng	98
13) 1,4-Dichlorobenzene	6.922	146	1064152	41.986	ng	98
14) 1,2-Dichlorobenzene	7.075	146	1016778	42.737	ng	99
15) Benzyl Alcohol	7.045	79	792968	43.628	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1294655	41.684	ng	99
17) 2-Methylphenol	7.157	107	751307	42.260	ng	97
18) Hexachloroethane	7.422	117	365702	42.274	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	664034	40.541	ng	95
20) 3+4-Methylphenols	7.310	107	960796	43.432	ng	# 83
22) Acetophenone	7.316	105	1282869	41.537	ng	98
24) Nitrobenzene	7.486	77	960976	44.737	ng	99
25) Isophorone	7.728	82	1770871	40.766	ng	98
26) 2-Nitrophenol	7.804	139	474036	51.444	ng	94
27) 2,4-Dimethylphenol	7.839	122	720087m	47.722	ng	
28) bis(2-Chloroethoxy)met...	7.939	93	1109059	41.914	ng	98
29) 2,4-Dichlorophenol	8.039	162	831644	45.730	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	919467	41.902	ng	99
31) Naphthalene	8.210	128	2738125	42.197	ng	100
32) Benzoic acid	7.951	122	567163	49.000	ng	96
33) 4-Chloroaniline	8.251	127	135140	5.541	ng	99
34) Hexachlorobutadiene	8.328	225	530919	41.173	ng	99
35) Caprolactam	8.628	113	256410m	42.224	ng	
36) 4-Chloro-3-methylphenol	8.733	107	812704	43.608	ng	99
37) 2-Methylnaphthalene	8.898	142	1853867	42.381	ng	99
38) 1-Methylnaphthalene	8.998	142	1722369	40.214	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	940205	45.090	ng	99
41) Hexachlorocyclopentadiene	9.051	237	852722	123.879	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	607982	48.024	ng	100
44) 2,4,5-Trichlorophenol	9.216	196	647983	46.449	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.363	154	2316543	44.654	ng	99
47) 2-Chloronaphthalene	9.392	162	1766210	42.720	ng	98
48) 2-Nitroaniline	9.480	65	462521	45.319	ng	95
49) Acenaphthylene	9.804	152	2703344	46.206	ng	100
50) Dimethylphthalate	9.669	163	2058495	44.357	ng	99
51) 2,6-Dinitrotoluene	9.727	165	450286	44.940	ng	87
52) Acenaphthene	9.975	154	1818418	46.000	ng	99
53) 3-Nitroaniline	9.892	138	129264	14.980	ng	# 92
54) 2,4-Dinitrophenol	9.998	184	349486	85.840	ng	97
55) Dibenzofuran	10.151	168	2418480	43.253	ng	99
56) 4-Nitrophenol	10.051	139	621119	87.997	ng	90
57) 2,4-Dinitrotoluene	10.127	165	566608	47.270	ng	90
58) Fluorene	10.492	166	1875536	42.230	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	523814	47.605	ng	99
60) Diethylphthalate	10.369	149	1971954	43.528	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	971677	43.066	ng	96
62) 4-Nitroaniline	10.510	138	376804	43.500	ng	91
63) Azobenzene	10.645	77	1824858	41.821	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	247073	53.826	ng	82
66) n-Nitrosodiphenylamine	10.604	169	1666326	47.373	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	629732	46.953	ng	95
68) Hexachlorobenzene	11.033	284	697190	44.714	ng	94
69) Atrazine	11.127	200	485978	42.942	ng	99
70) Pentachlorophenol	11.227	266	773832	92.712	ng	100
71) Phenanthrene	11.457	178	2516409	44.377	ng	98
72) Anthracene	11.504	178	2536575	44.850	ng	99
73) Carbazole	11.657	167	1999468	38.658	ng	98
74) Di-n-butylphthalate	11.992	149	2748125	45.204	ng	99
75) Fluoranthene	12.639	202	2192085	35.828	ng	98
77) Benzidine	12.763	184	208836	31.504	ng	99
78) Pyrene	12.868	202	2171555	37.276	ng	97
80) Butylbenzylphthalate	13.492	149	848650	44.116	ng	89
81) Benzo(a)anthracene	14.057	228	1820408	44.793	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	336420	32.660	ng	99
83) Chrysene	14.092	228	1772635	45.448	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1172303	41.828	ng	98
85) Di-n-octyl phthalate	14.668	149	2011889	52.151	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	1202904	31.813	ng	98
88) Benzo(b)fluoranthene	15.115	252	1957561	43.052	ng	98
89) Benzo(k)fluoranthene	15.145	252	1875272	43.248	ng	99
90) Benzo(a)pyrene	15.486	252	1600788	46.486	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	924289	30.764	ng	99
92) Benzo(g,h,i)perylene	17.486	276	924020	29.480	ng	99

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

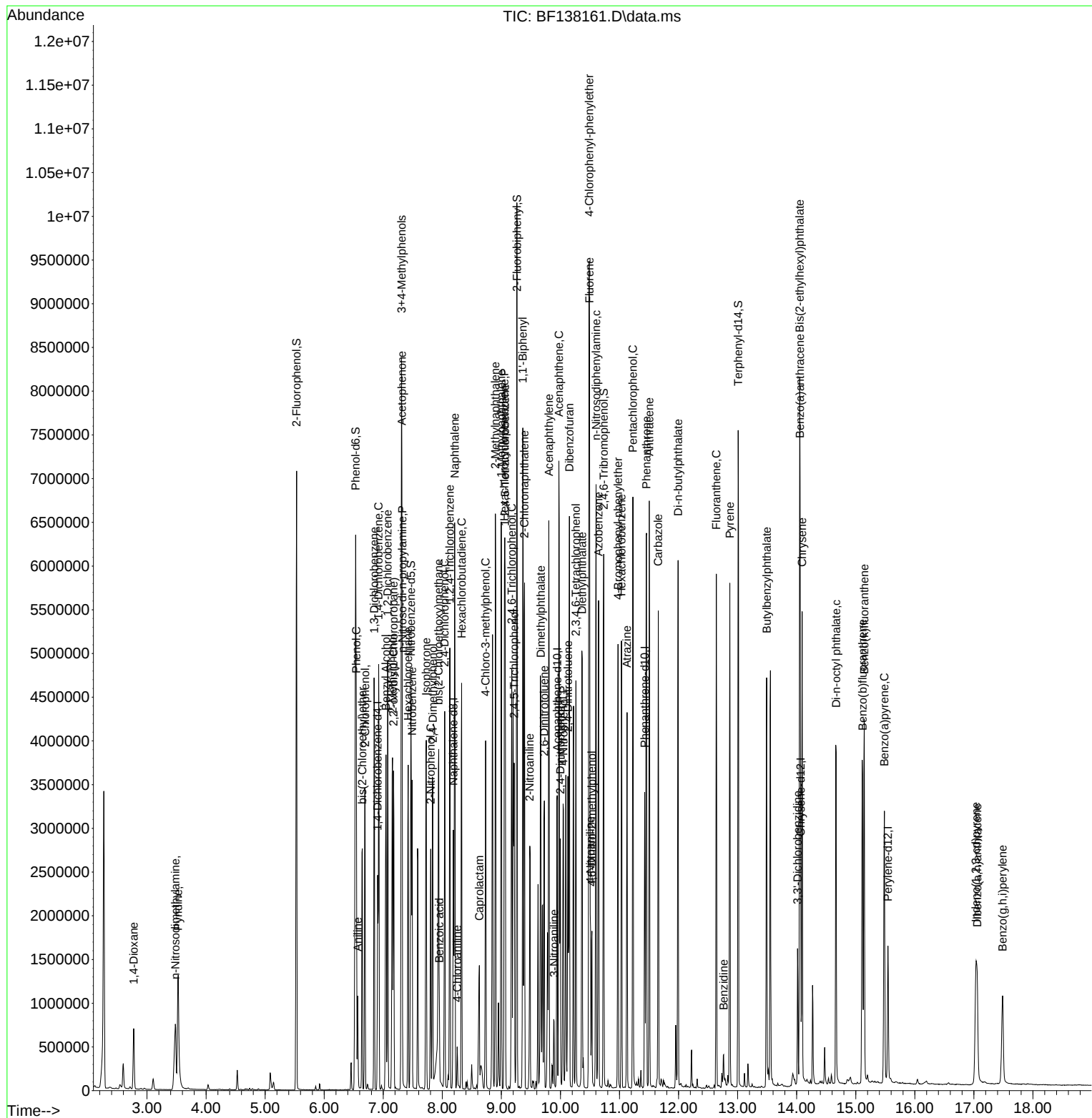
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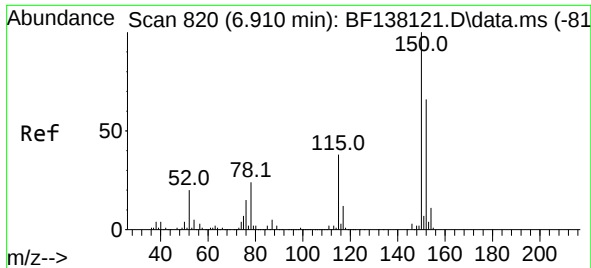
Instrument :
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APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138161.D
 Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

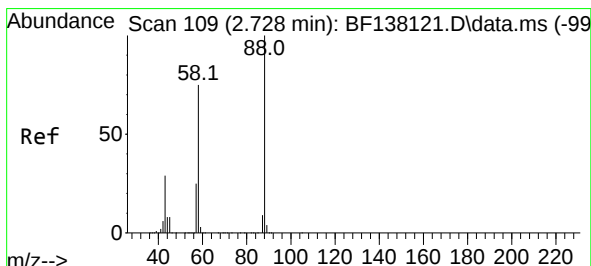
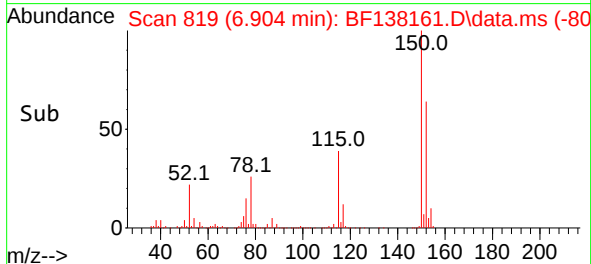
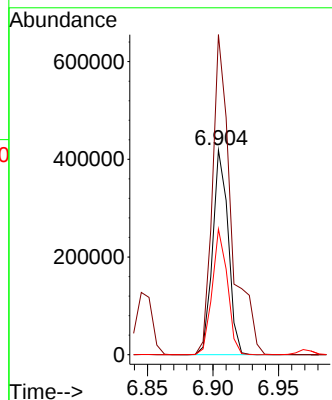
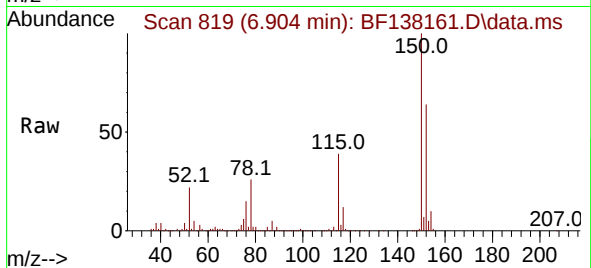
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Tgt Ion:152 Resp: 346004
 Ion Ratio Lower Upper
 152 100
 150 156.4 121.8 182.6
 115 61.3 46.2 69.2

Manual Integrations

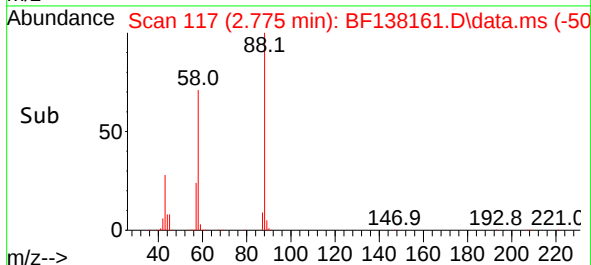
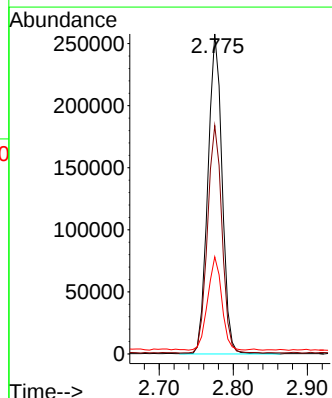
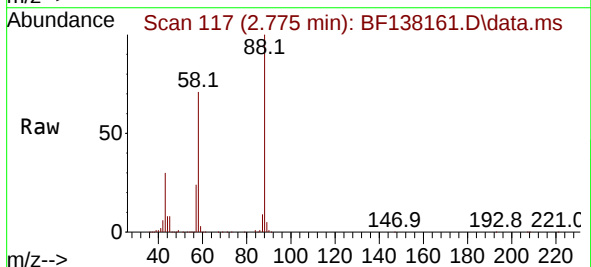
APPROVED

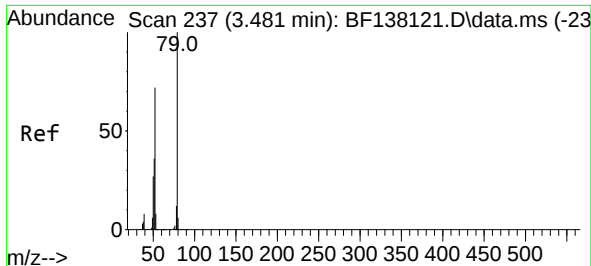
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



#2
 1,4-Dioxane
 Concen: 37.004 ng
 RT: 2.775 min Scan# 117
 Delta R.T. 0.047 min
 Lab File: BF138161.D
 Acq: 07 Jun 2024 15:35

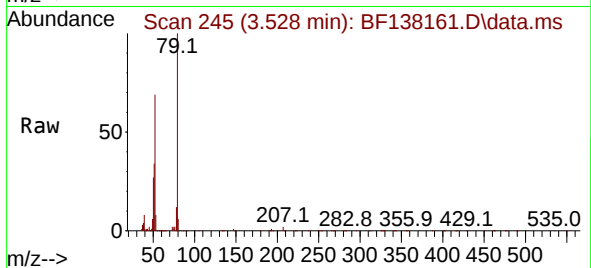
Tgt Ion: 88 Resp: 344331
 Ion Ratio Lower Upper
 88 100
 58 72.1 60.6 90.8
 43 28.7 23.6 35.4





#3
Pyridine
Concen: 34.957 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.047 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

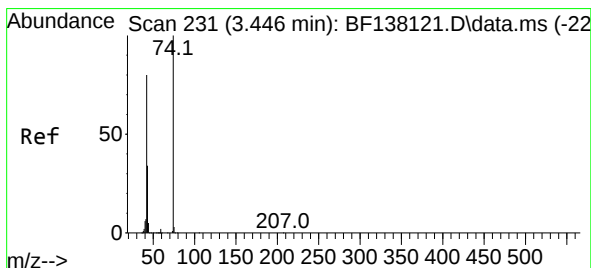
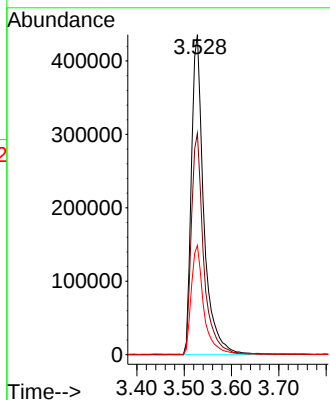
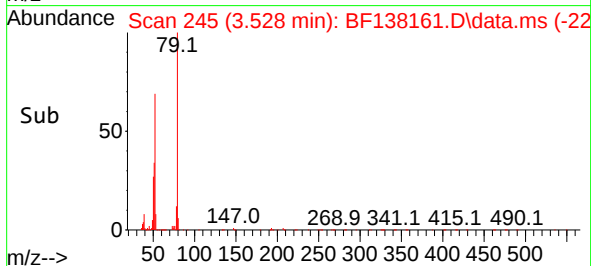
Instrument :
BNA_F
ClientSampleId :
WCS-TPOMS



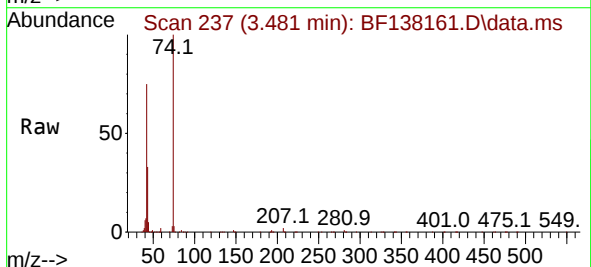
Tgt Ion: 79 Resp: 797028
Ion Ratio Lower Upper
79 100
52 69.2 57.4 86.2
51 34.2 29.1 43.7

Manual Integrations
APPROVED

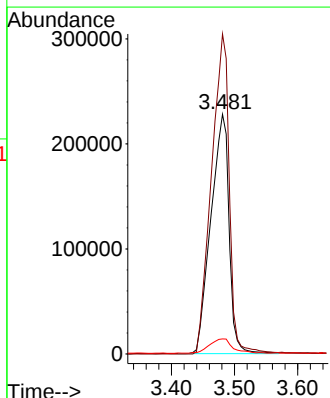
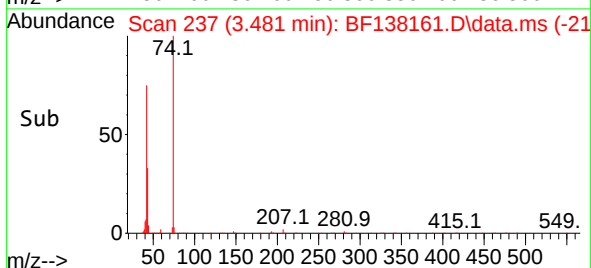
Reviewed By :Yogesh Patel 06/08/2024
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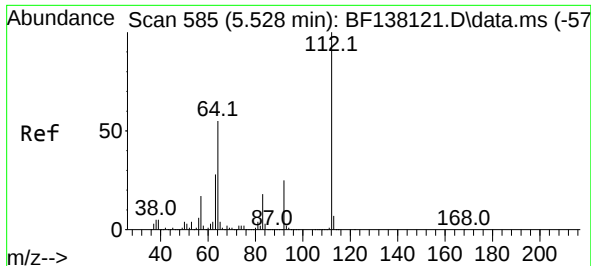


#4
n-Nitrosodimethylamine
Concen: 40.857 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.035 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion: 42 Resp: 457329
Ion Ratio Lower Upper
42 100
74 133.5 100.0 150.0
44 6.3 5.7 8.5





#5
2-Fluorophenol
Concen: 101.220 ng
RT: 5.534 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

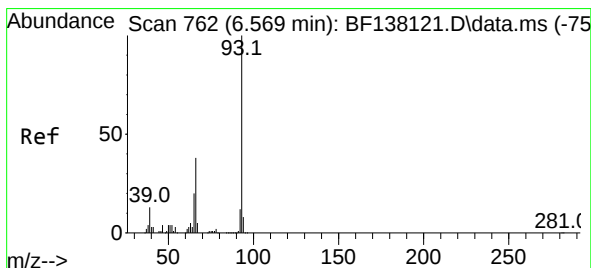
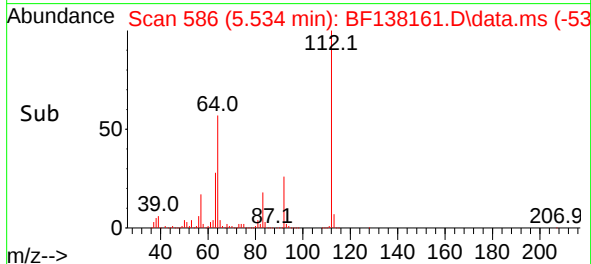
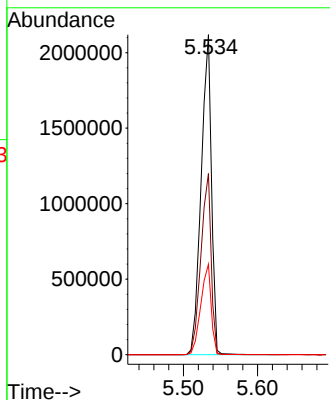
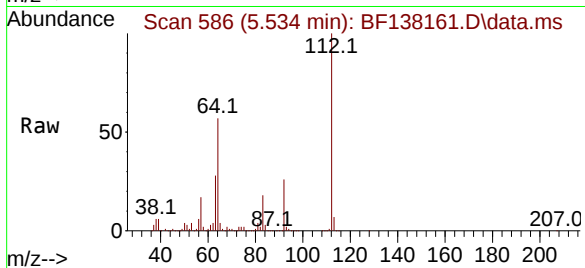
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Tgt Ion:112 Resp: 2055034
Ion Ratio Lower Upper
112 100
64 56.6 44.0 66.0
63 28.3 22.1 33.1

Manual Integrations

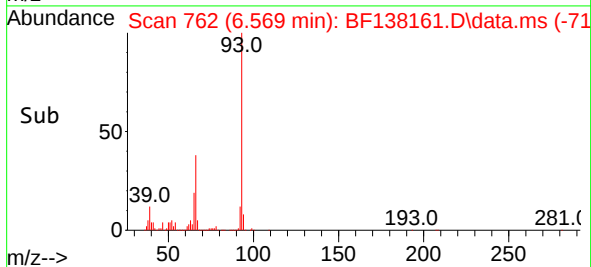
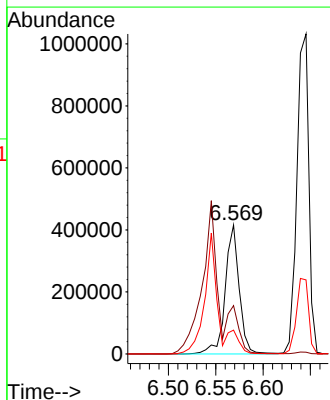
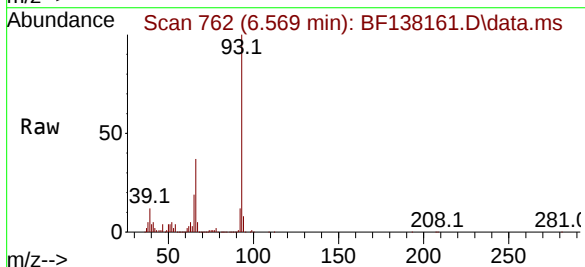
APPROVED

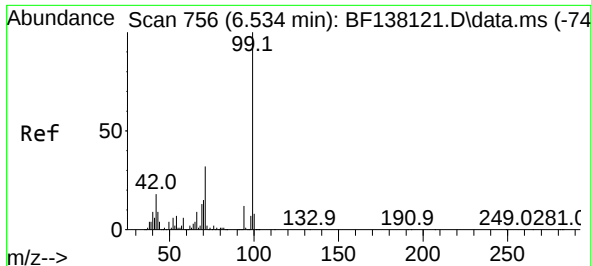
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#6
Aniline
Concen: 16.541 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF138161.D
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Tgt Ion: 93 Resp: 430807
Ion Ratio Lower Upper
93 100
66 37.5 30.9 46.3
65 18.5 16.0 24.0





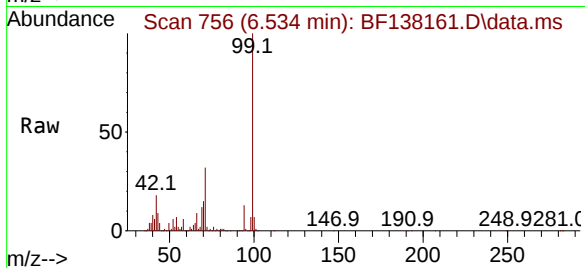
#7
Phenol-d6
Concen: 101.878 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138161.D
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Tgt Ion: 99 Resp: 261698

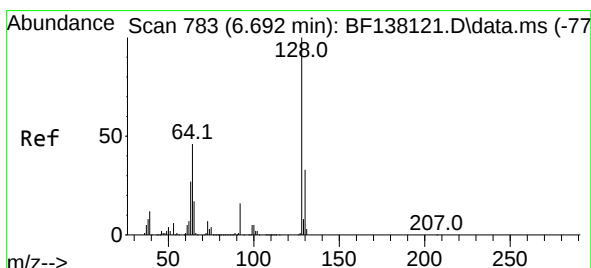
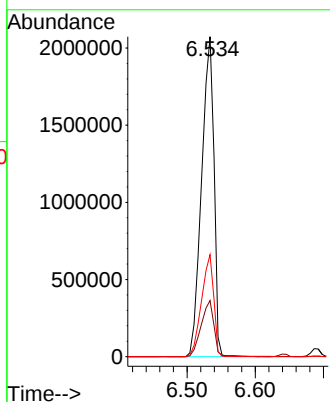
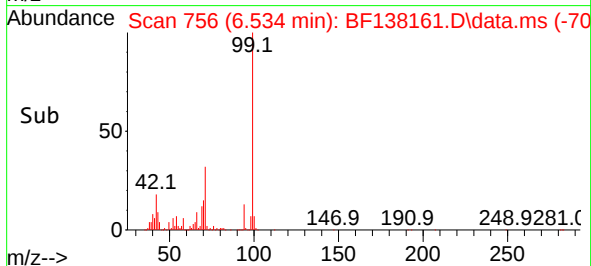
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.4	21.6
71	31.9	25.5	38.3

Manual Integrations

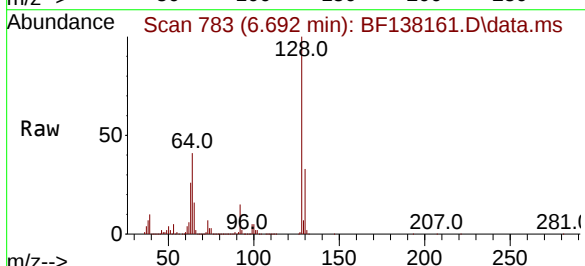
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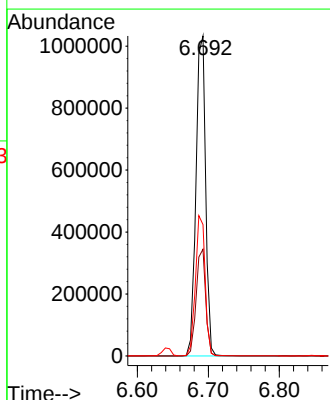
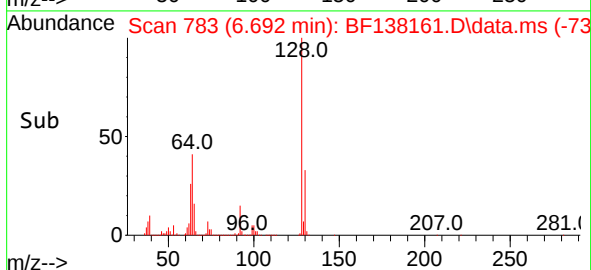


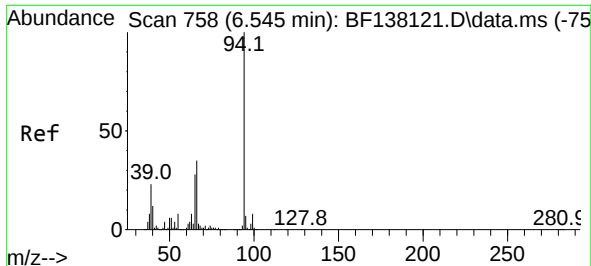
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2-Chlorophenol
Concen: 44.668 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:128 Resp: 981095

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	41.1	26.6	66.6





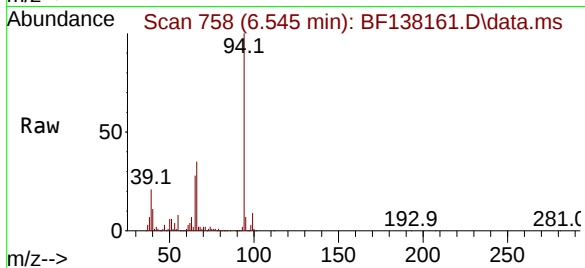
#10
Phenol
Concen: 43.270 ng m
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF138161.D
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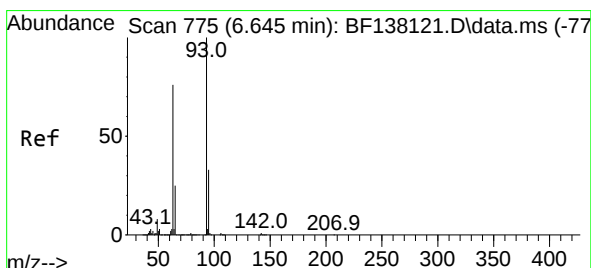
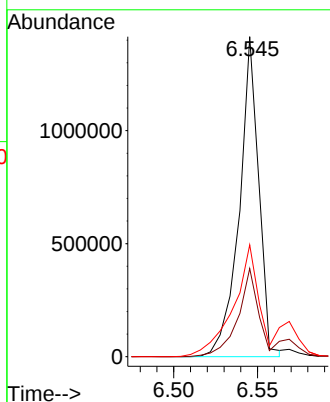
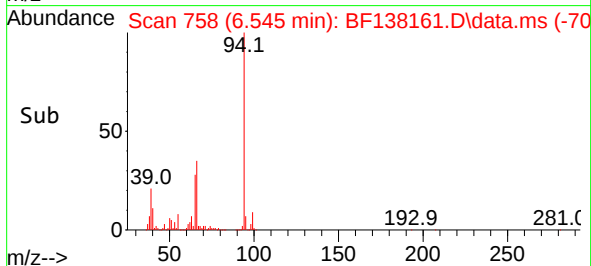


Tgt Ion: 94 Resp: 114193
Ion Ratio Lower Upper
94 100
65 27.6 7.9 47.9
66 34.9 15.5 55.5

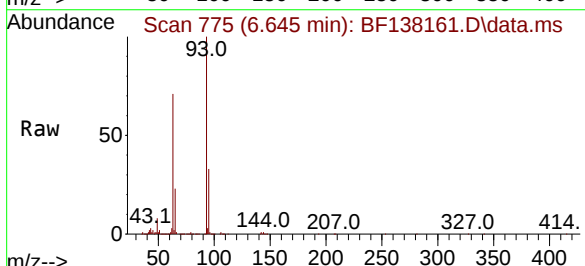
Manual Integrations

APPROVED

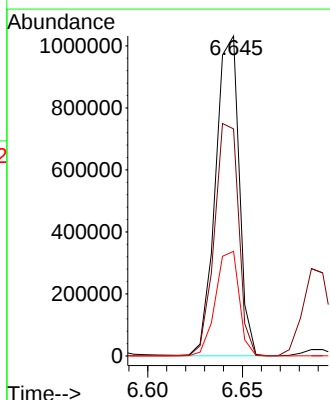
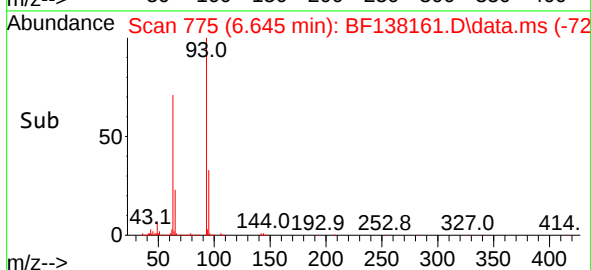
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

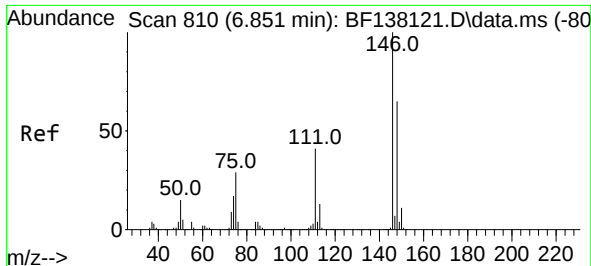


#11
bis(2-Chloroethyl)ether
Concen: 42.357 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion: 93 Resp: 896139
Ion Ratio Lower Upper
93 100
63 71.0 55.3 95.3
95 32.7 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 41.340 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:146 Resp: 1040380

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

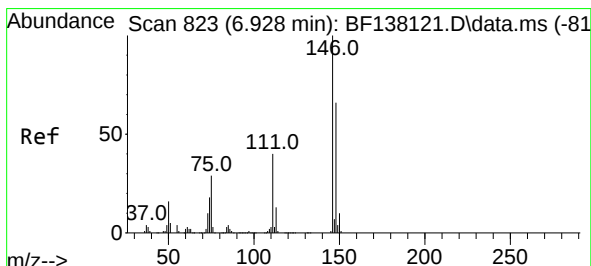
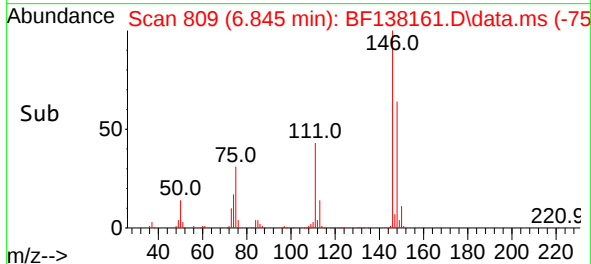
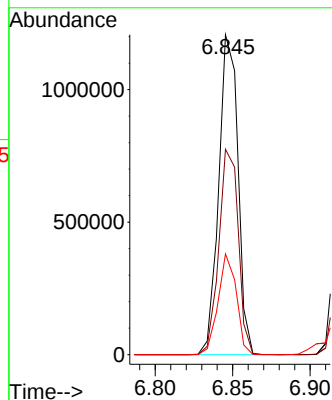
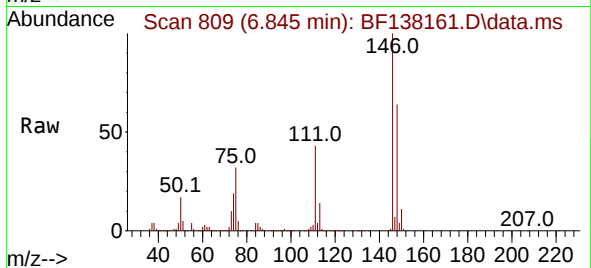
75 31.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#13

1,4-Dichlorobenzene

Concen: 41.986 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

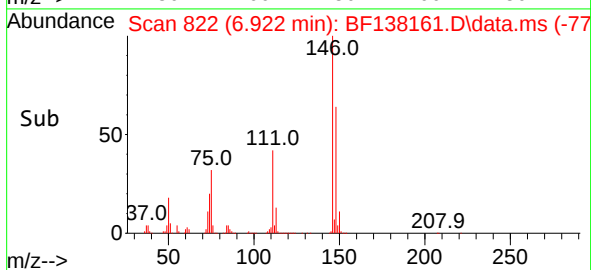
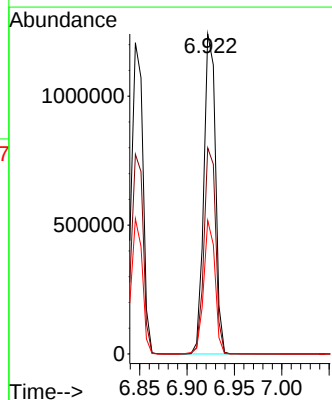
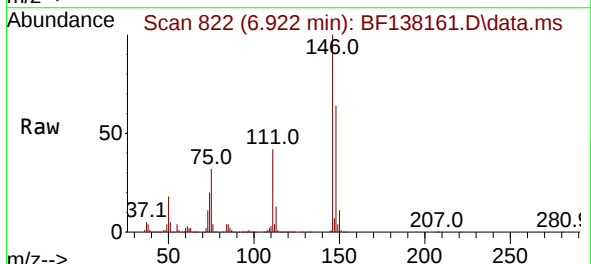
Tgt Ion:146 Resp: 1064152

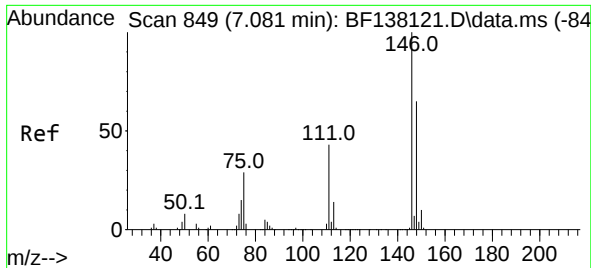
Ion Ratio Lower Upper

146 100

148 64.4 52.6 78.8

111 41.7 31.9 47.9





#14
1,2-Dichlorobenzene
Concen: 42.737 ng
RT: 7.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

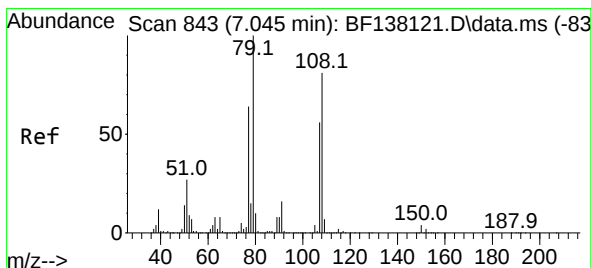
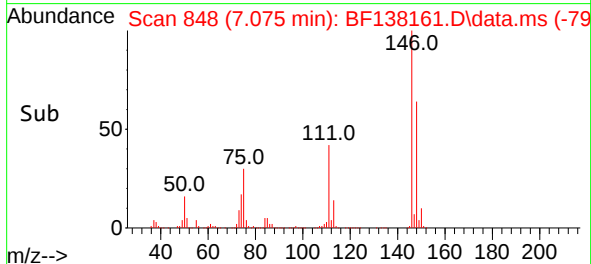
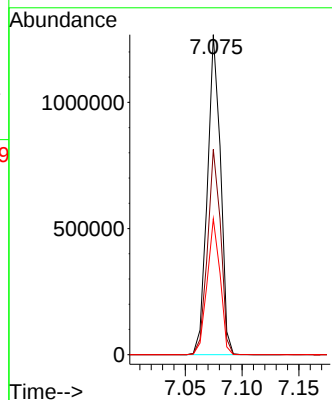
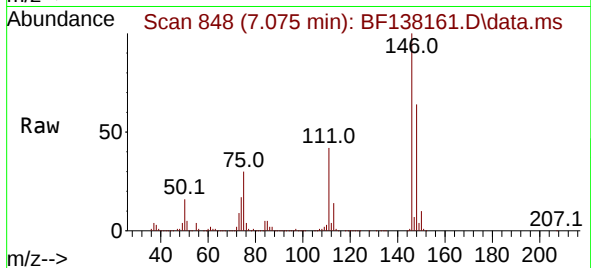
WCS-TPOMS

Tgt Ion:146 Resp: 1016778
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 42.5 34.3 51.5

Manual Integrations

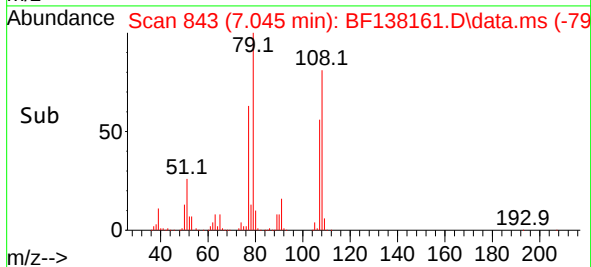
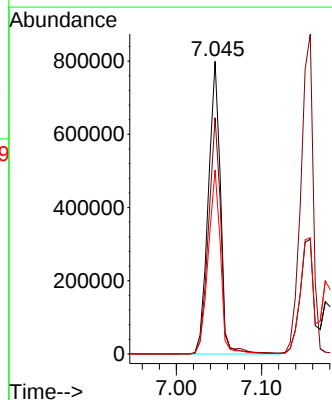
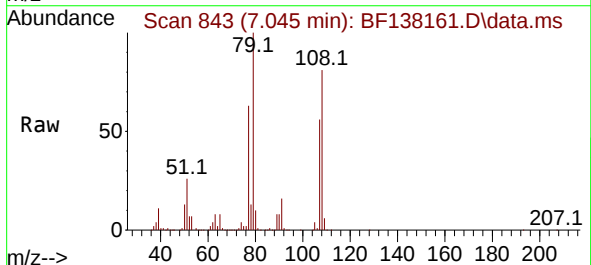
APPROVED

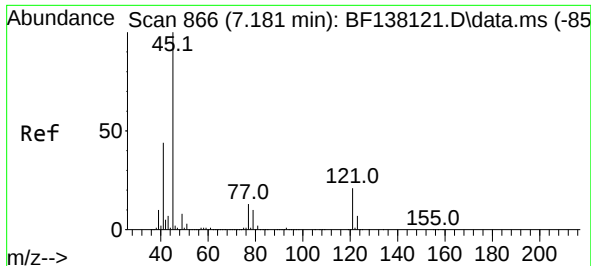
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#15
Benzyl Alcohol
Concen: 43.628 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion: 79 Resp: 792968
Ion Ratio Lower Upper
79 100
108 80.8 64.5 96.7
77 62.8 51.1 76.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.684 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

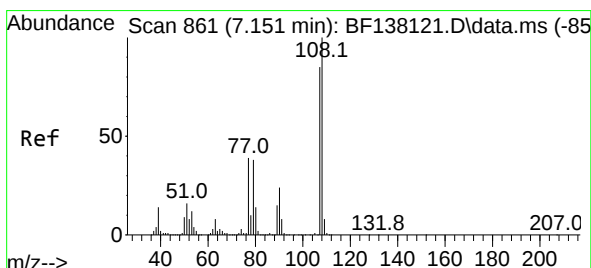
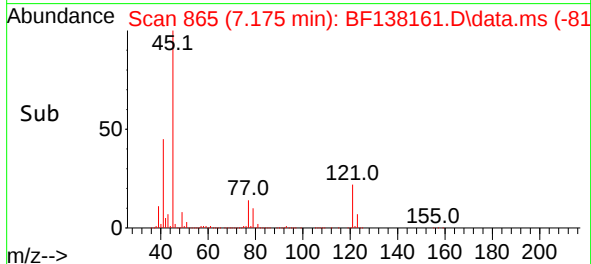
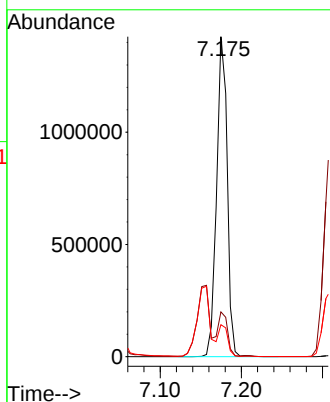
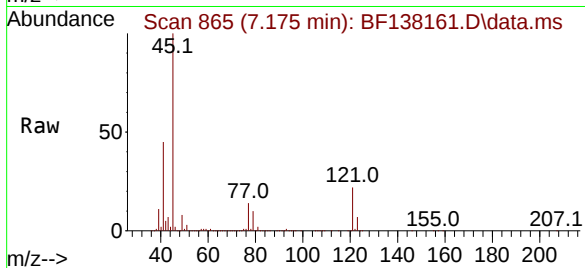
WCS-TPOMS

Tgt Ion: 45 Resp: 129465
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.0 0.0 29.9

Manual Integrations

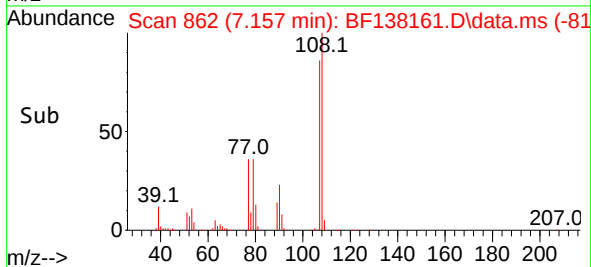
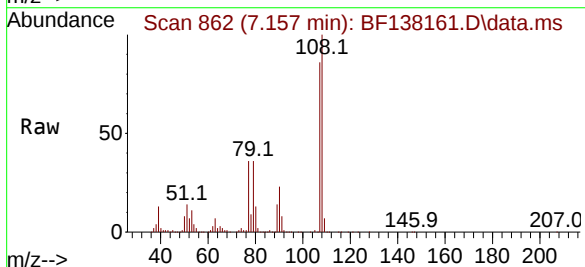
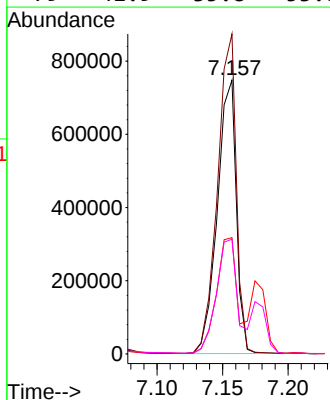
APPROVED

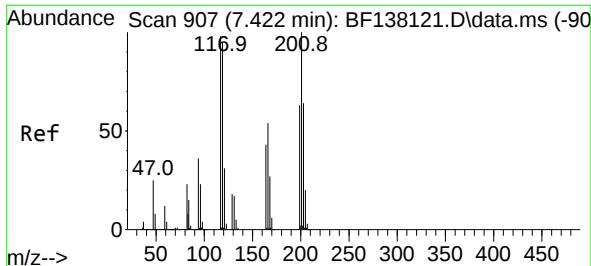
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#17
2-Methylphenol
Concen: 42.260 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:107 Resp: 751307
Ion Ratio Lower Upper
107 100
108 116.9 94.2 141.2
77 42.5 36.7 55.1
79 41.9 35.8 53.8





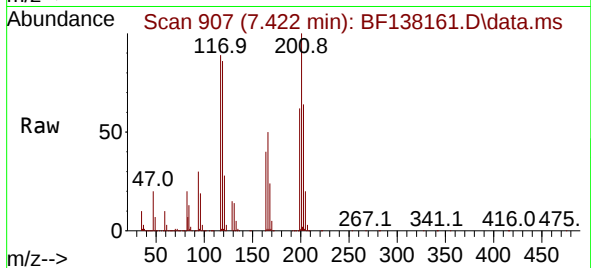
#18
Hexachloroethane
Concen: 42.274 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

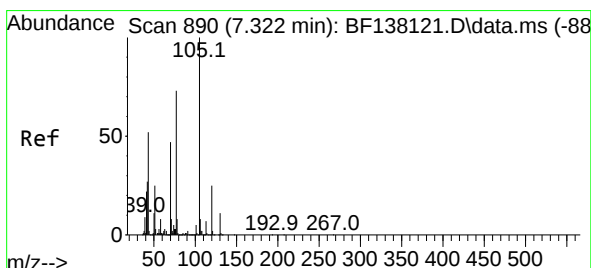
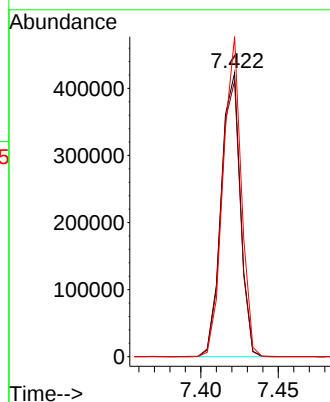
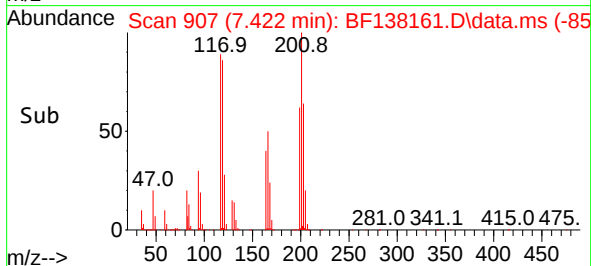


Tgt Ion:117 Resp: 365702
Ion Ratio Lower Upper
117 100
119 97.2 77.7 116.5
201 112.8 81.7 122.5

Manual Integrations

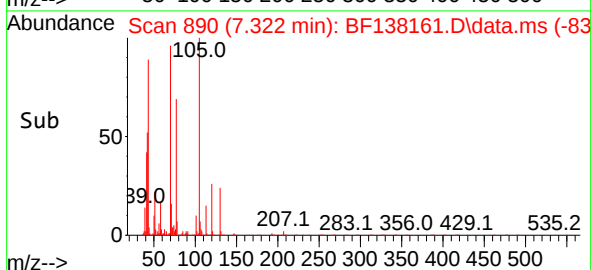
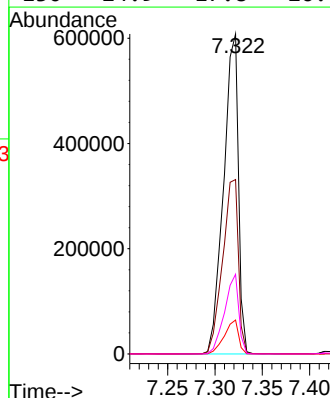
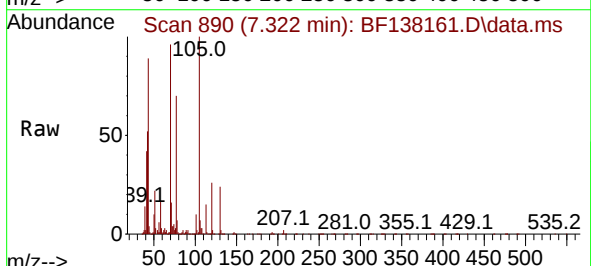
APPROVED

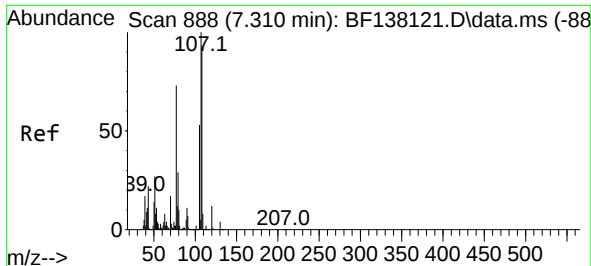
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#19
n-Nitroso-di-n-propylamine
Concen: 40.541 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion: 70 Resp: 664034
Ion Ratio Lower Upper
70 100
42 54.5 46.3 69.5
101 10.6 7.7 11.5
130 24.9 17.8 26.6





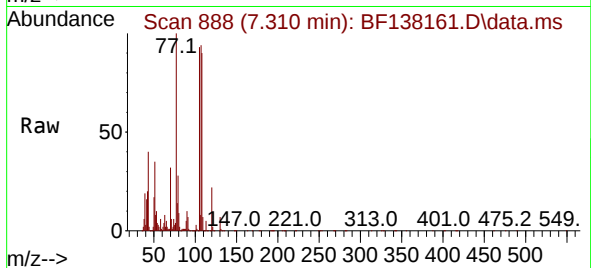
#20
3+4-Methylphenols
Concen: 43.432 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

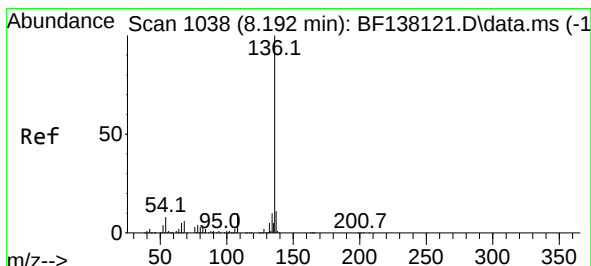
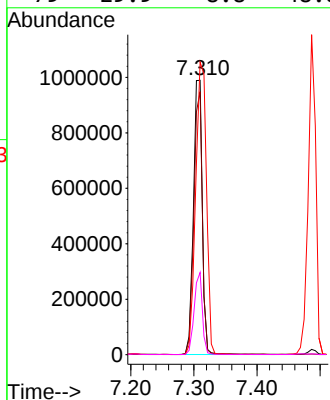
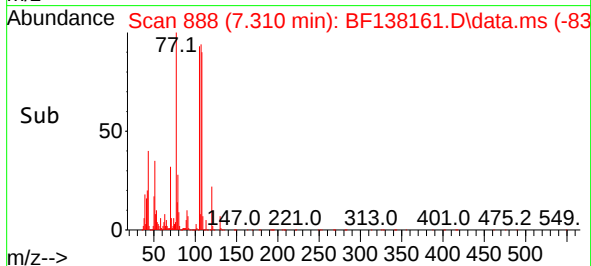


Tgt Ion:107 Resp: 960790
Ion Ratio Lower Upper
107 100
108 95.9 73.0 113.0
77 106.6 53.2 93.2
79 29.9 8.8 48.8

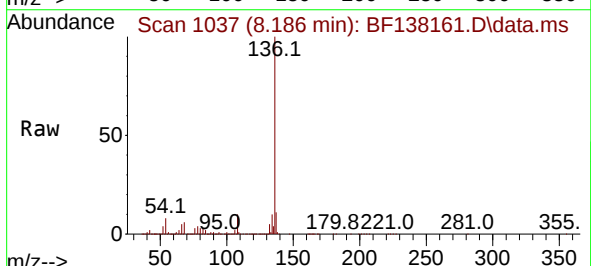
Manual Integrations

APPROVED

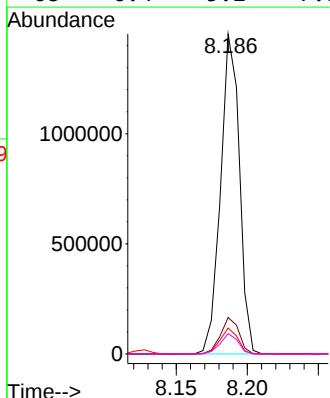
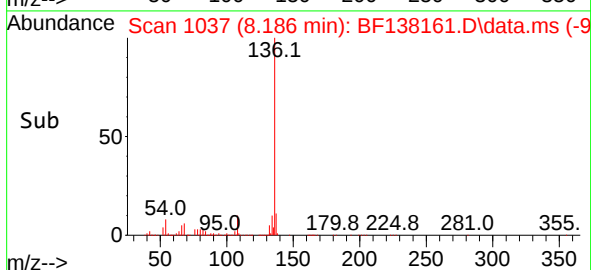
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

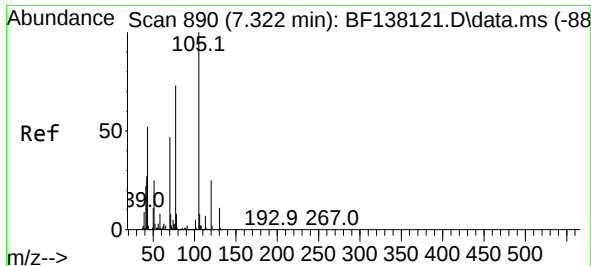


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:136 Resp: 1341577
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.1 6.2 9.2
68 6.4 5.2 7.8





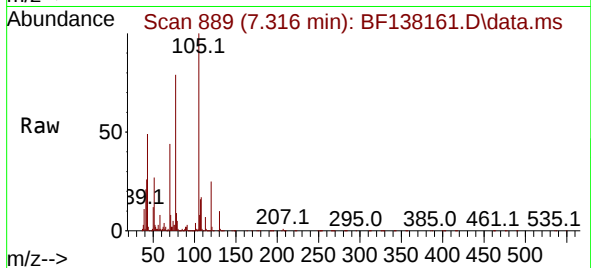
#22
Acetophenone
Concen: 41.537 ng
RT: 7.316 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



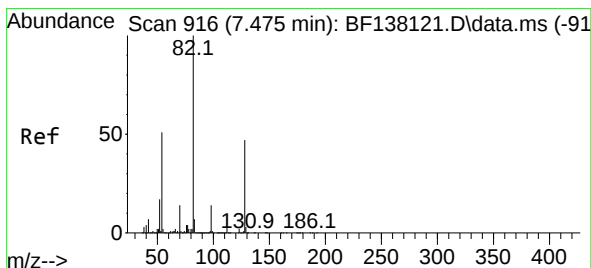
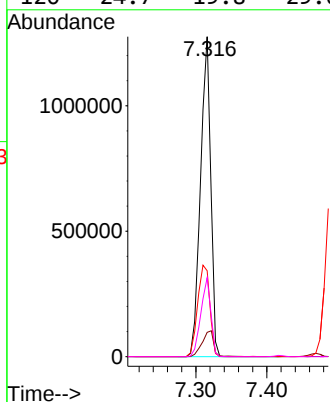
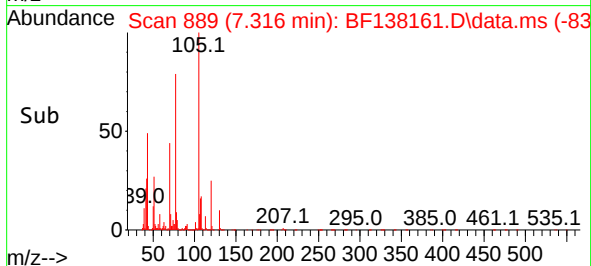
Tgt Ion:105 Resp: 1282869
Ion Ratio Lower Upper
105 100
71 7.6 6.3 9.5
51 26.9 19.8 29.6
120 24.7 19.8 29.6

Manual Integrations

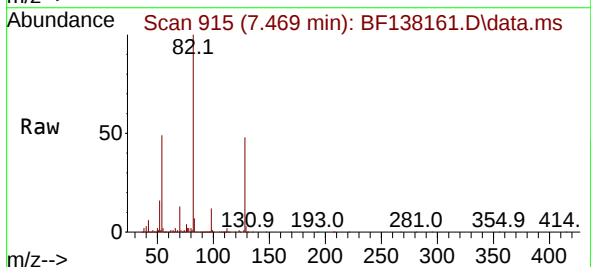
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

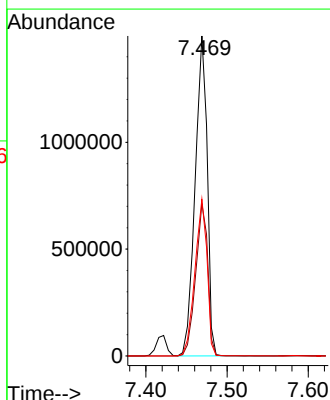
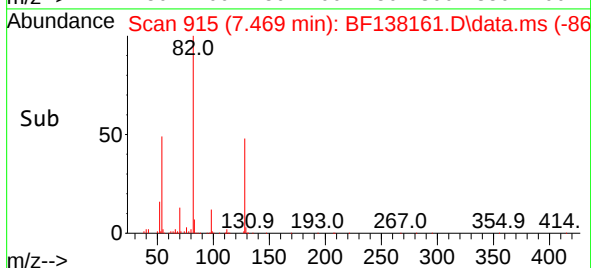
Supervised By :mohammad ahmed 06/10/2024

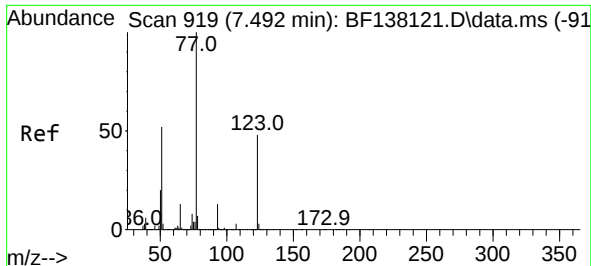


#23
Nitrobenzene-d5
Concen: 78.943 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion: 82 Resp: 1556615
Ion Ratio Lower Upper
82 100
128 47.6 37.7 56.5
54 49.0 40.8 61.2





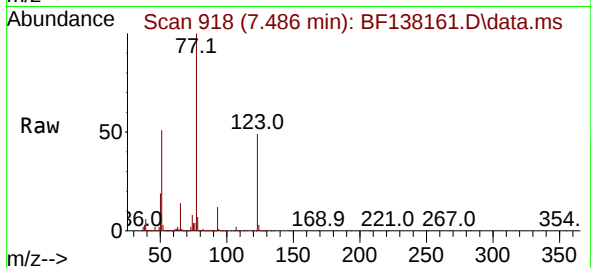
#24
Nitrobenzene
Concen: 44.737 ng
RT: 7.486 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

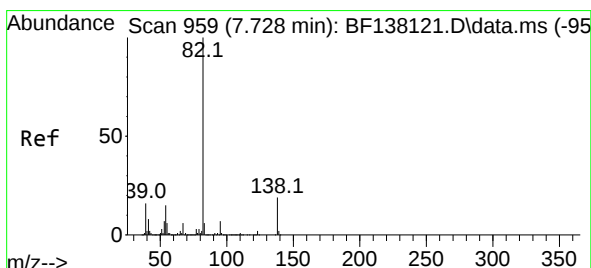
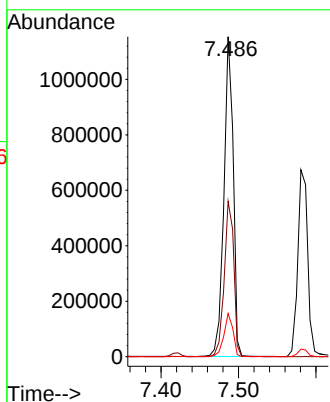
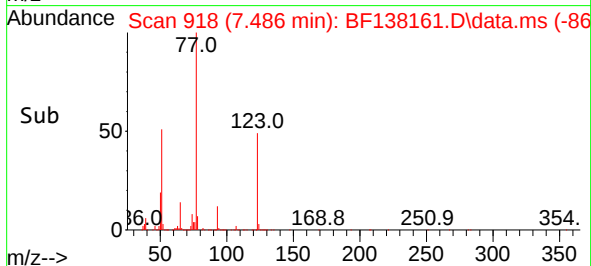


Tgt Ion: 77 Resp: 960970
Ion Ratio Lower Upper
77 100
123 48.6 38.2 57.2
65 13.5 10.7 16.1

Manual Integrations

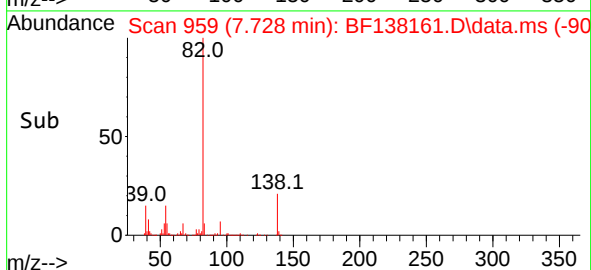
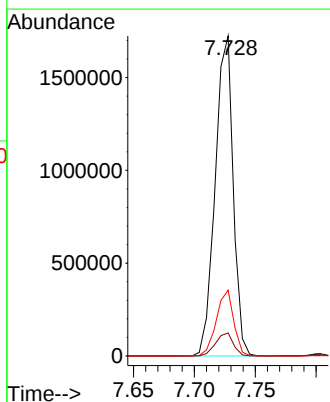
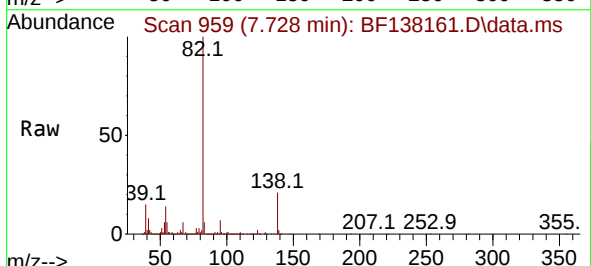
APPROVED

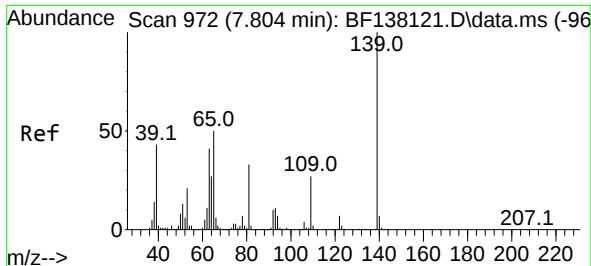
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#25
Isophorone
Concen: 40.766 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion: 82 Resp: 1770871
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.5 15.5 23.3





#26
2-Nitrophenol
Concen: 51.444 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

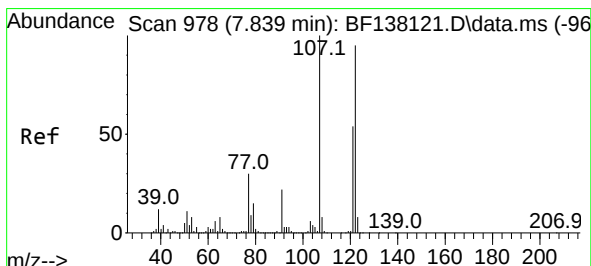
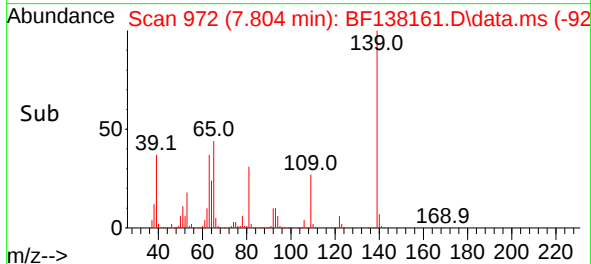
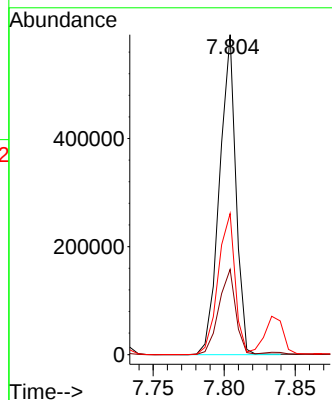
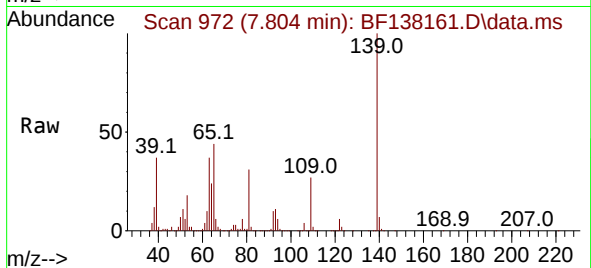
WCS-TPOMS

Tgt Ion:139 Resp: 474036
Ion Ratio Lower Upper
139 100
109 26.6 21.8 32.6
65 44.1 40.1 60.1

Manual Integrations

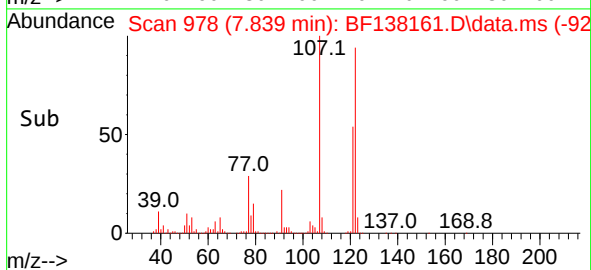
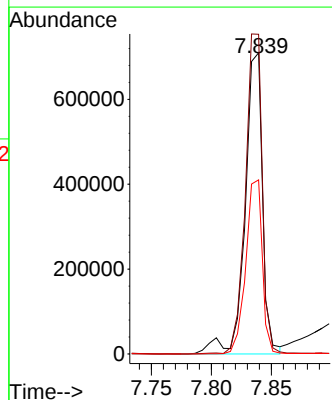
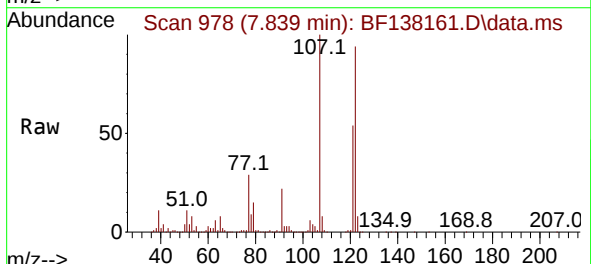
APPROVED

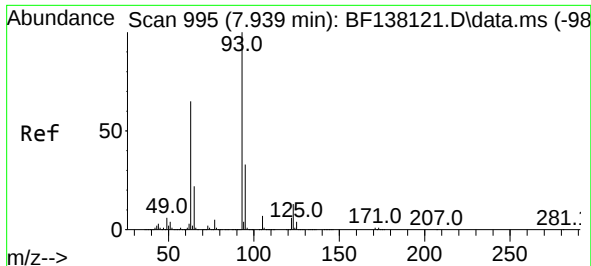
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#27
2,4-Dimethylphenol
Concen: 47.722 ng m
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:122 Resp: 720087
Ion Ratio Lower Upper
122 100
107 106.1 84.2 126.2
121 57.8 45.4 68.0





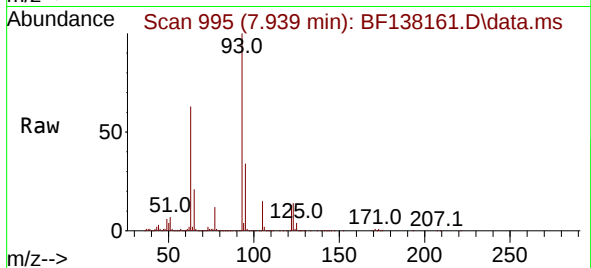
#28
bis(2-Chloroethoxy)methane
Concen: 41.914 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



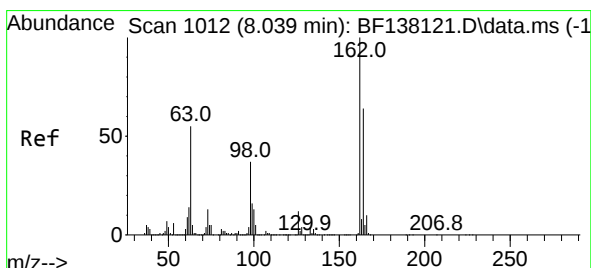
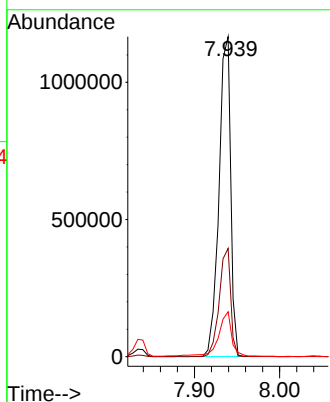
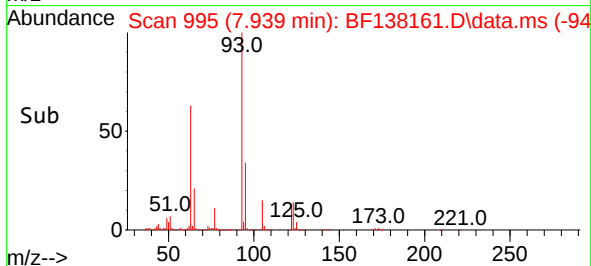
Tgt Ion: 93 Resp: 1109059
Ion Ratio Lower Upper
93 100
95 33.9 26.6 39.8
123 14.0 10.2 15.2

Manual Integrations

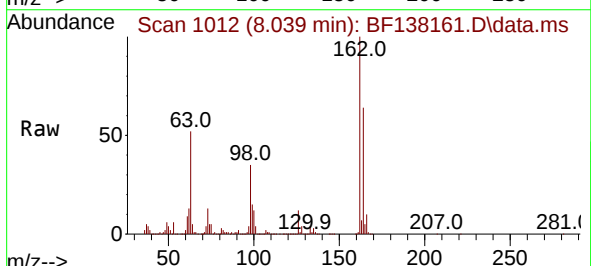
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

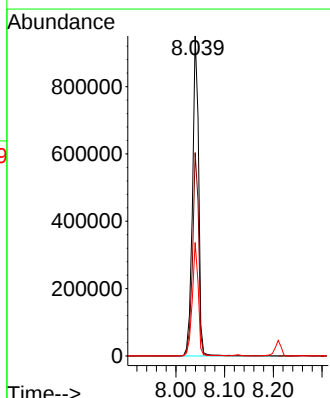
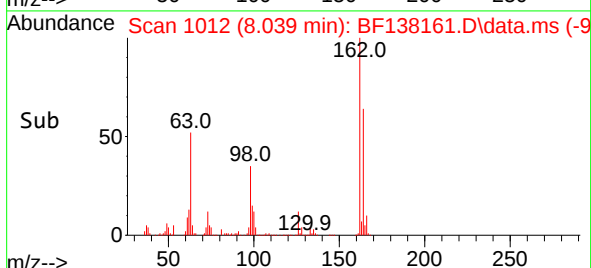
Supervised By :mohammad ahmed 06/10/2024

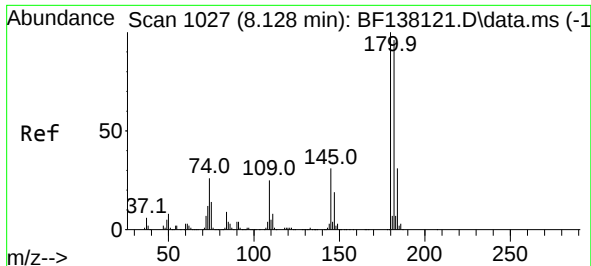


#29
2,4-Dichlorophenol
Concen: 45.730 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:162 Resp: 831644
Ion Ratio Lower Upper
162 100
164 63.5 44.1 84.1
98 35.4 17.0 57.0





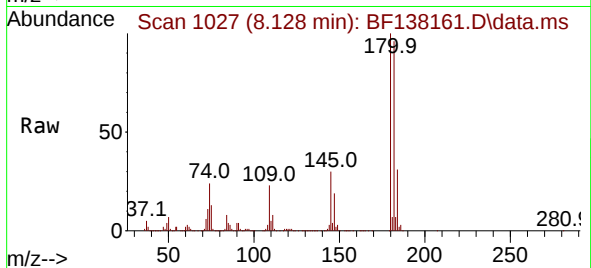
#30
1,2,4-Trichlorobenzene
Concen: 41.902 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



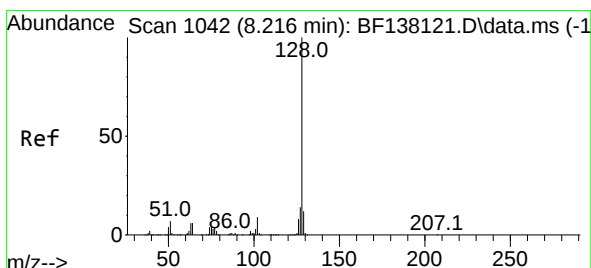
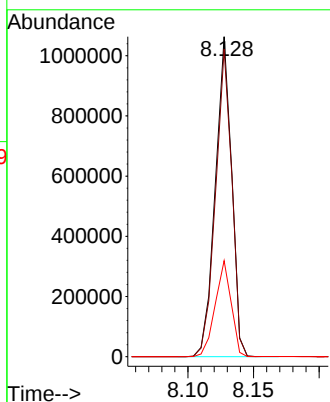
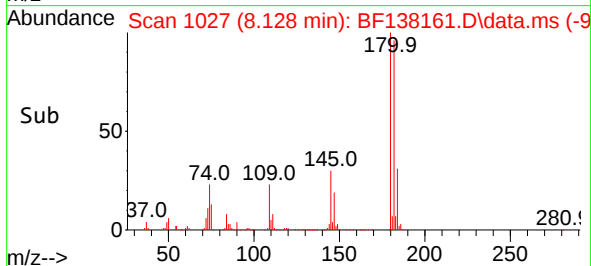
Tgt Ion:180 Resp: 91946
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
145 30.0 24.8 37.2

Manual Integrations

APPROVED

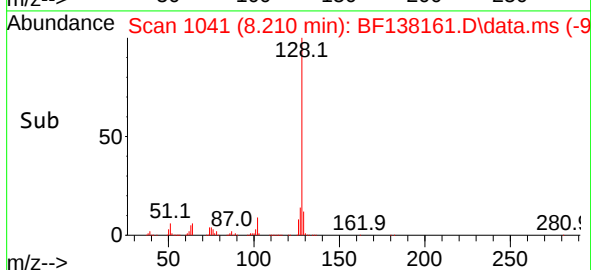
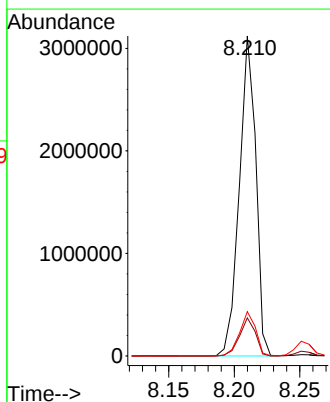
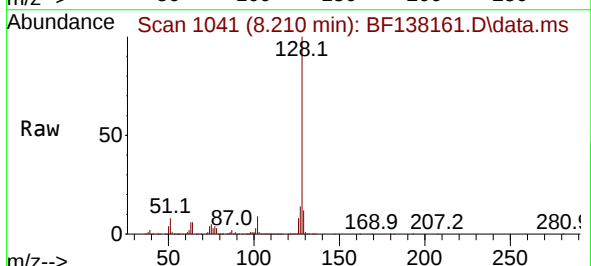
Reviewed By :Yogesh Patel 06/08/2024

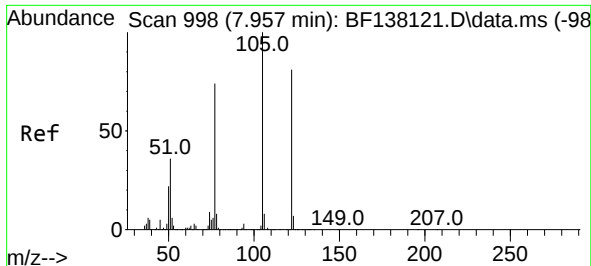
Supervised By :mohammad ahmed 06/10/2024



#31
Naphthalene
Concen: 42.197 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:128 Resp: 2738125
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.9 11.2 16.8





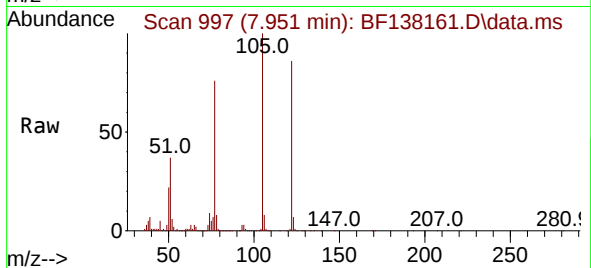
#32
Benzoic acid
Concen: 49.000 ng
RT: 7.951 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

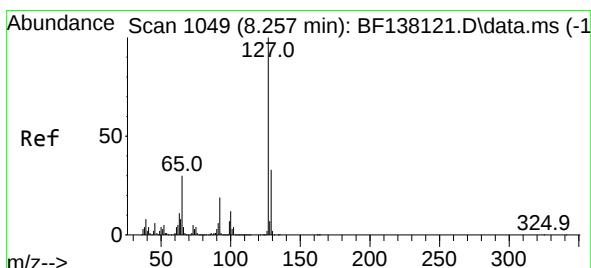
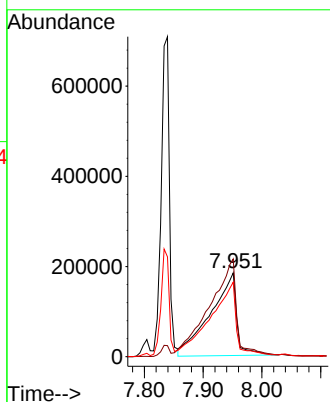
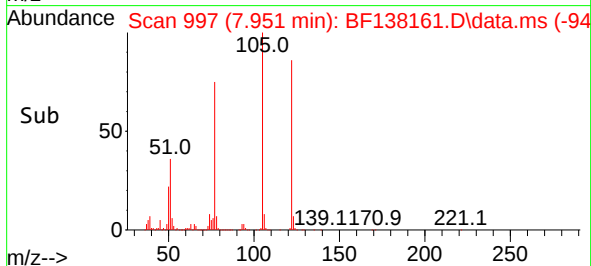


Tgt Ion:122 Resp: 56716
Ion Ratio Lower Upper
122 100
105 116.6 102.8 142.8
77 89.0 71.2 111.2

Manual Integrations

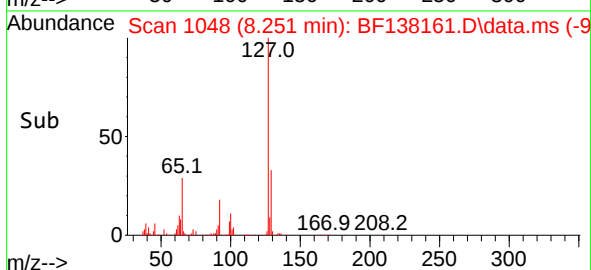
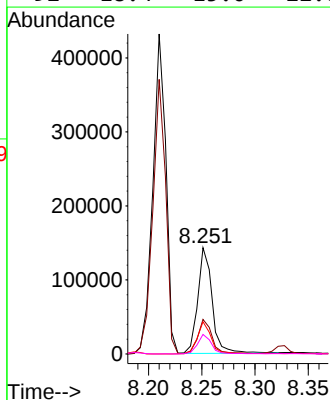
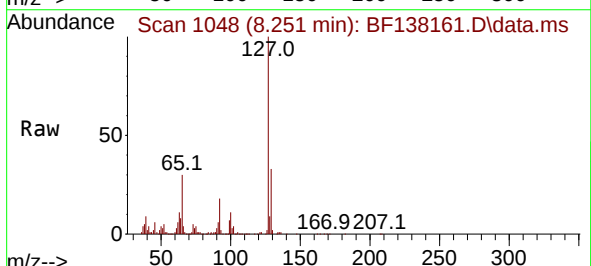
APPROVED

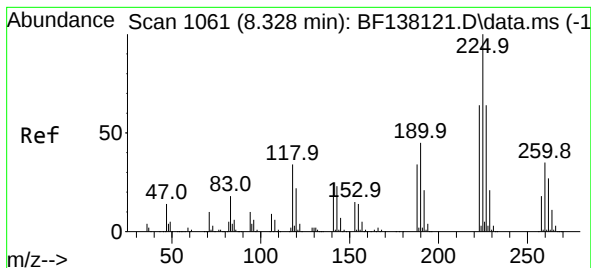
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#33
4-Chloroaniline
Concen: 5.541 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:127 Resp: 135140
Ion Ratio Lower Upper
127 100
129 32.5 26.5 39.7
65 30.3 24.0 36.0
92 18.4 15.0 22.6





#34

Hexachlorobutadiene

Concen: 41.173 ng

RT: 8.328 min Scan# 1061

Delta R.T. -0.000 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:225 Resp: 530919

Ion Ratio Lower Upper

225 100

223 63.2 50.9 76.3

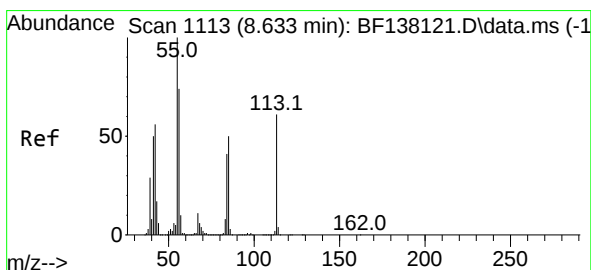
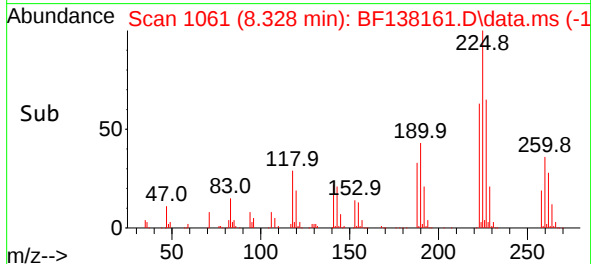
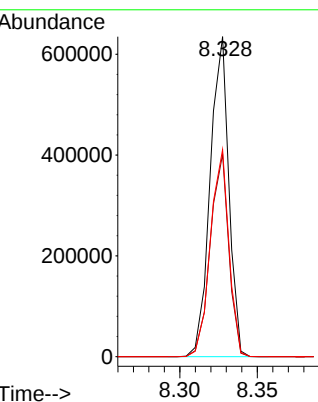
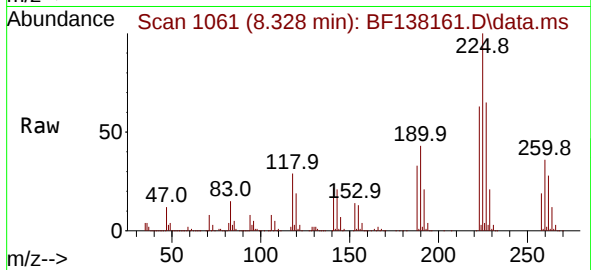
227 64.7 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#35

Caprolactam

Concen: 42.224 ng m

RT: 8.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

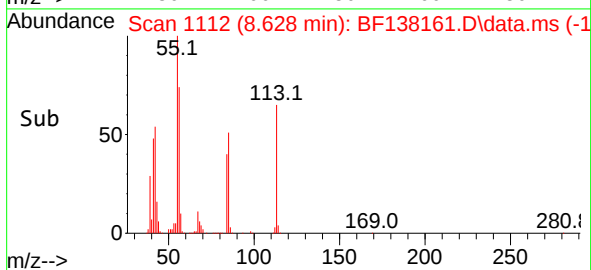
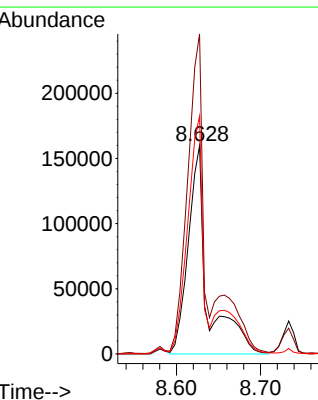
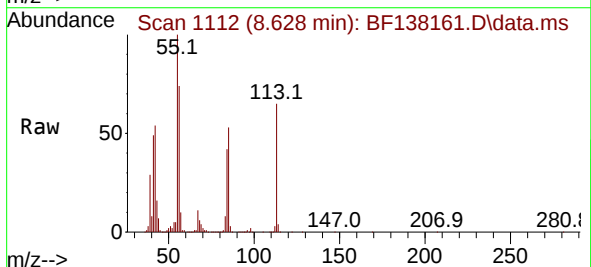
Tgt Ion:113 Resp: 256410

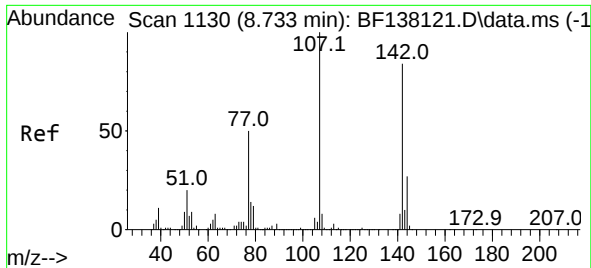
Ion Ratio Lower Upper

113 100

55 153.6 144.5 184.5

56 114.1 102.0 142.0





#36
4-Chloro-3-methylphenol
Concen: 43.608 ng
RT: 8.733 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

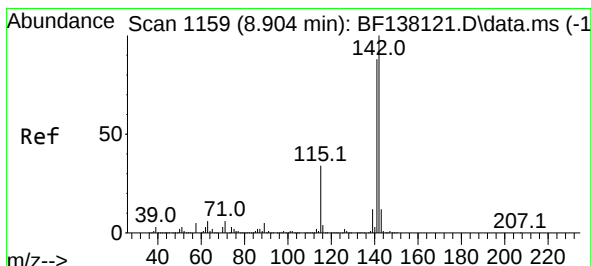
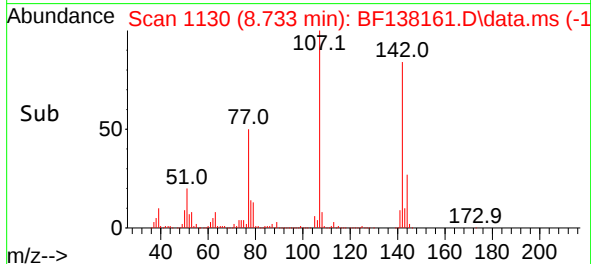
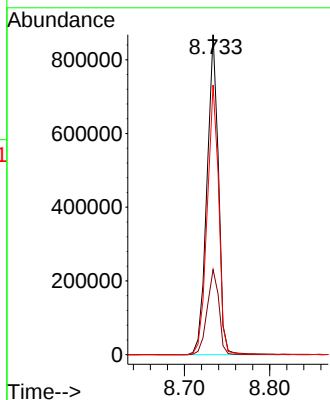
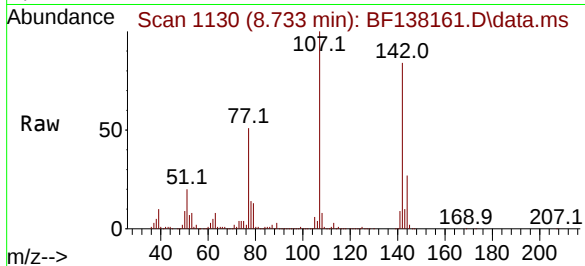
ClientSampleId :

WCS-TPOMS

Tgt Ion:107 Resp: 812704
Ion Ratio Lower Upper
107 100
144 26.6 21.7 32.5
142 84.3 67.0 100.4

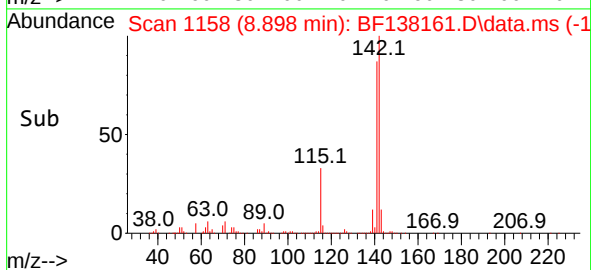
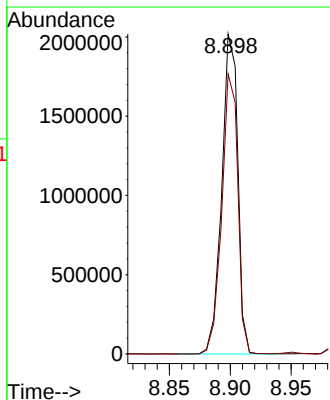
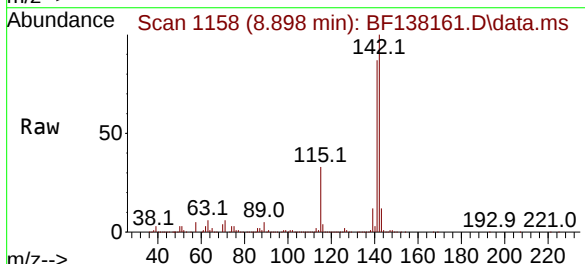
Manual Integrations
APPROVED

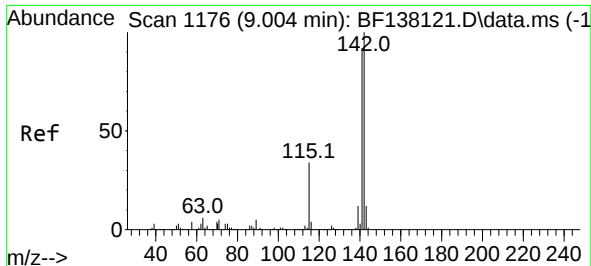
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#37
2-Methylnaphthalene
Concen: 42.381 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:142 Resp: 1853867
Ion Ratio Lower Upper
142 100
141 87.5 70.5 105.7





#38
1-Methylnaphthalene
Concen: 40.214 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

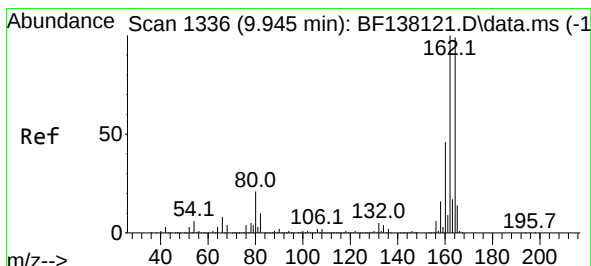
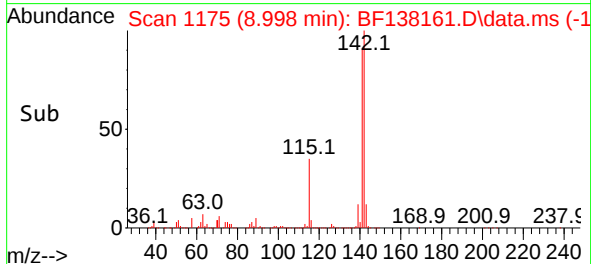
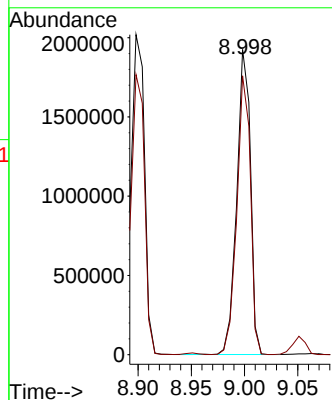
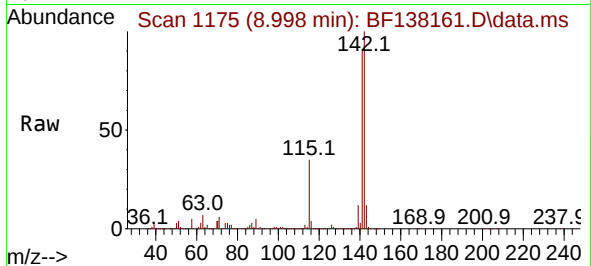
WCS-TPOMS

Tgt Ion:142 Resp: 1722369
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

Manual Integrations

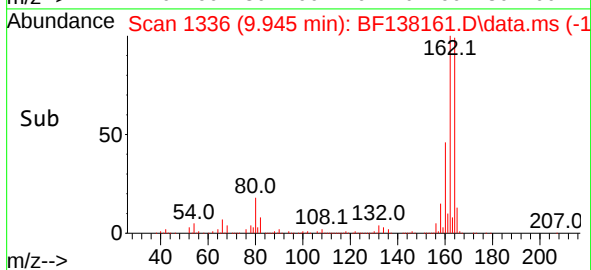
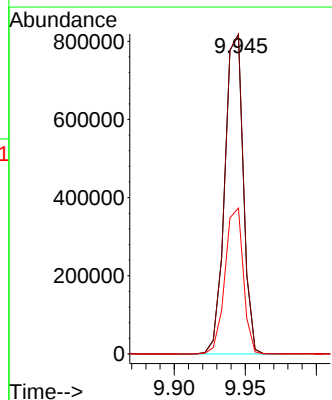
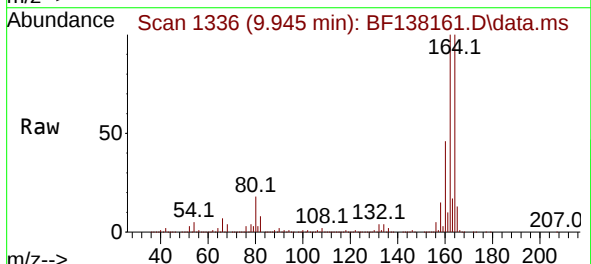
APPROVED

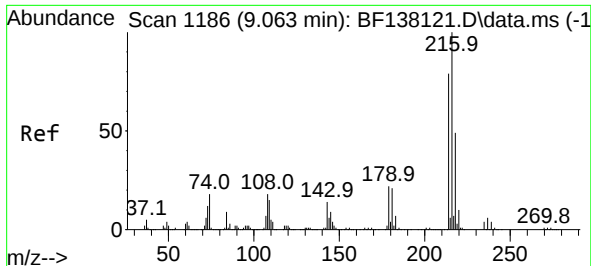
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:164 Resp: 738559
Ion Ratio Lower Upper
164 100
162 100.4 80.9 121.3
160 45.8 37.0 55.6





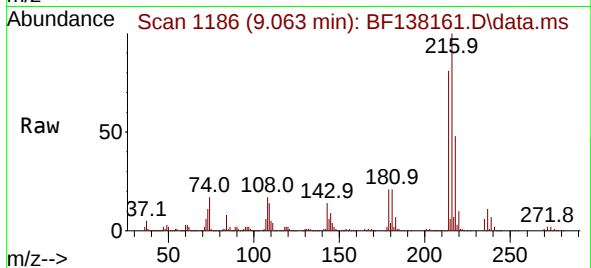
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.090 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

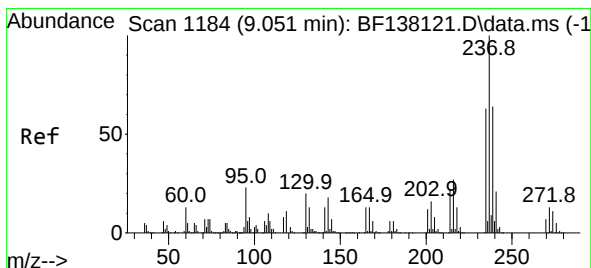
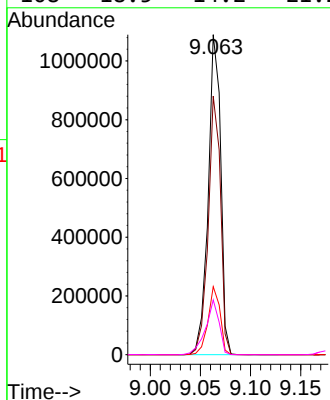
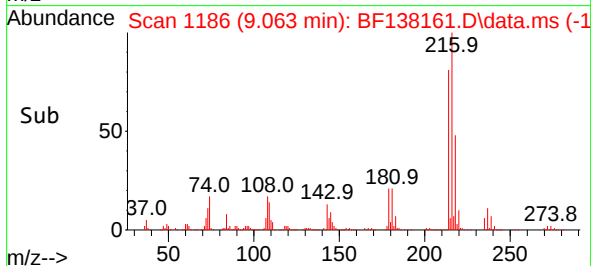


Tgt Ion:216 Resp: 94020
Ion Ratio Lower Upper
216 100
214 79.7 63.3 94.9
179 20.6 16.9 25.3
108 18.5 14.2 21.2

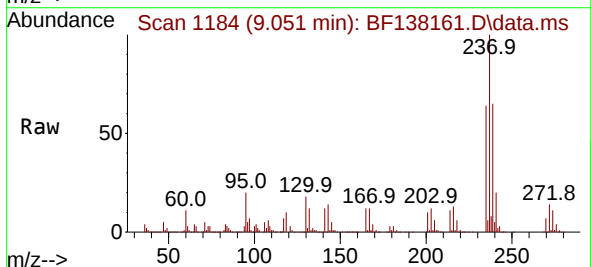
Manual Integrations

APPROVED

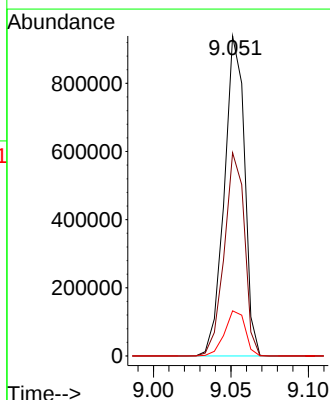
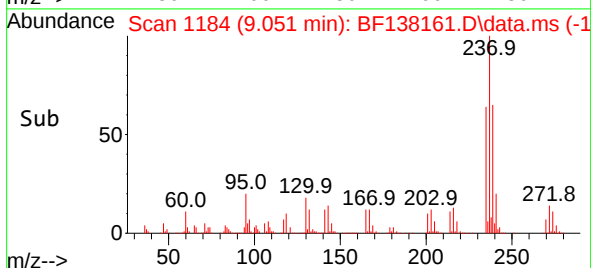
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

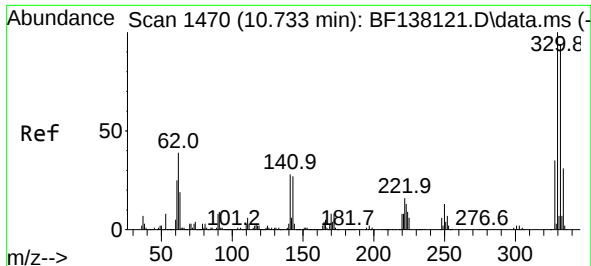


#41
Hexachlorocyclopentadiene
Concen: 123.879 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:237 Resp: 852722
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 14.1 0.0 33.3





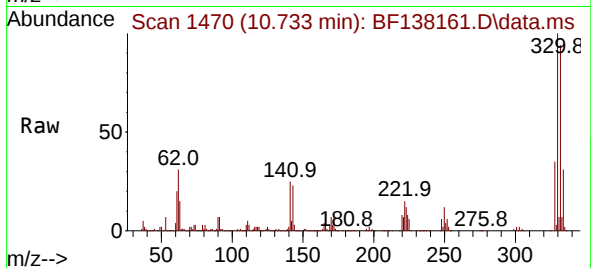
#42
2,4,6-Tribromophenol
Concen: 112.050 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

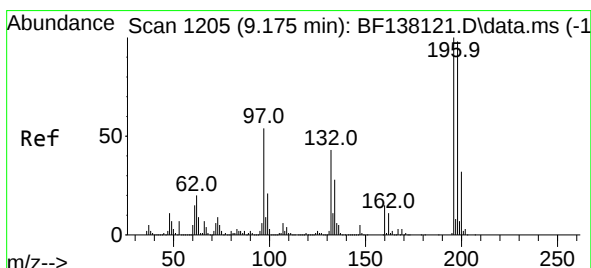
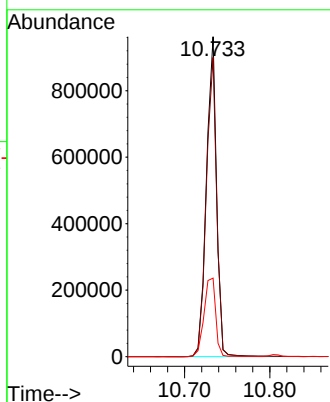
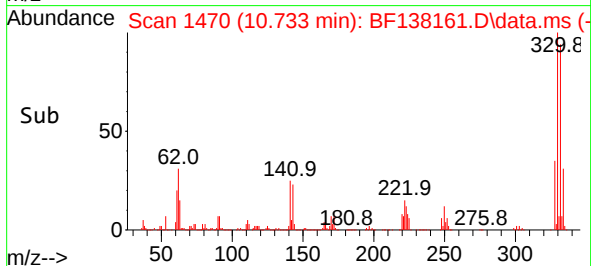


Tgt Ion:330 Resp: 79641
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.8
141 28.3 23.2 34.8

Manual Integrations

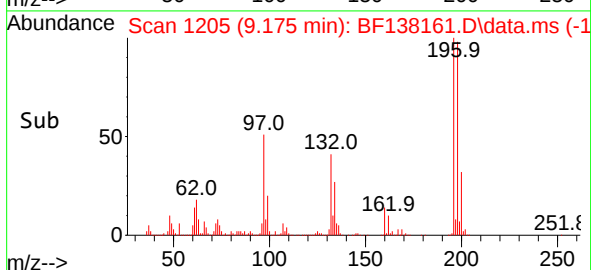
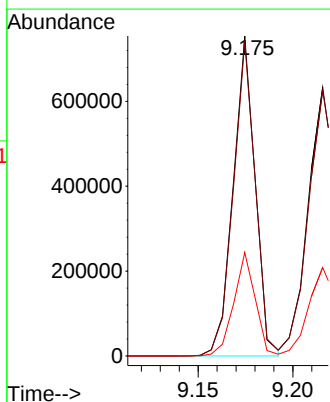
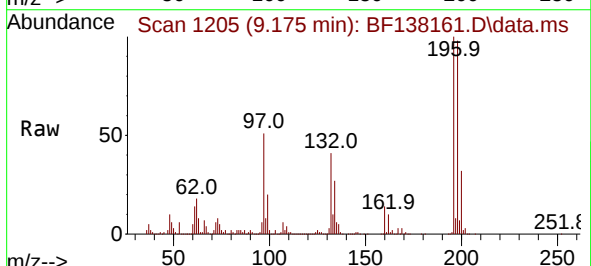
APPROVED

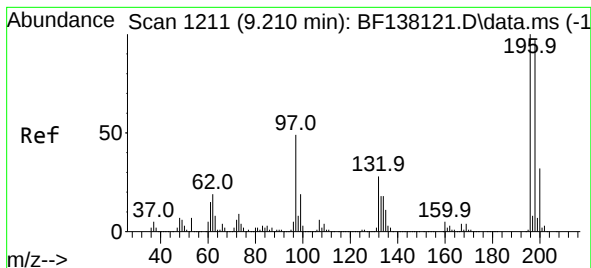
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#43
2,4,6-Trichlorophenol
Concen: 48.024 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:196 Resp: 607982
Ion Ratio Lower Upper
196 100
198 98.3 78.5 117.7
200 32.3 25.4 38.0





#44

2,4,5-Trichlorophenol

Concen: 46.449 ng

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:196 Resp: 64798

Ion Ratio Lower Upper

196 100

198 98.8 77.4 116.0

97 47.1 39.5 59.3

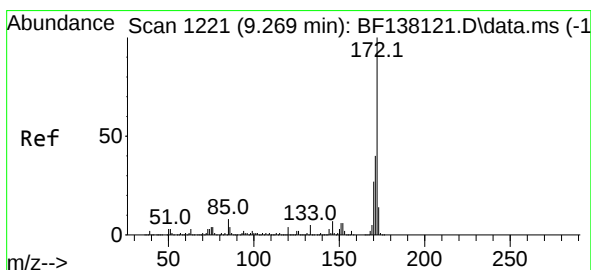
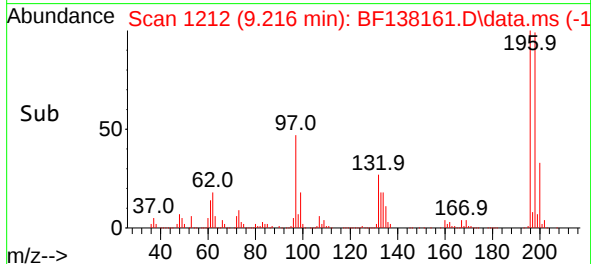
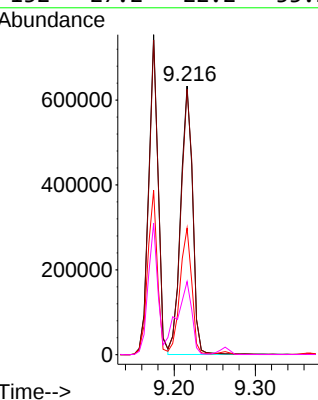
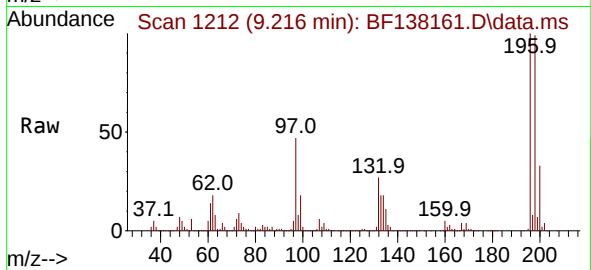
132 27.2 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#45

2-Fluorobiphenyl

Concen: 73.912 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

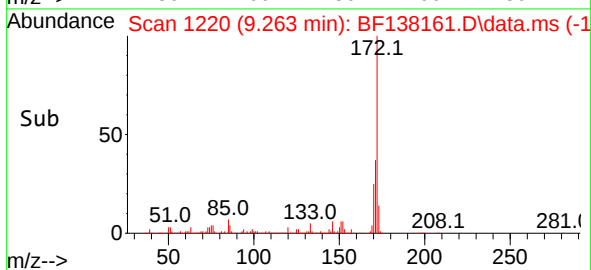
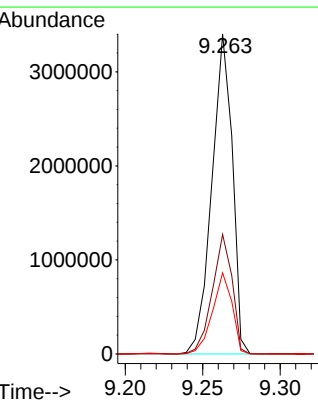
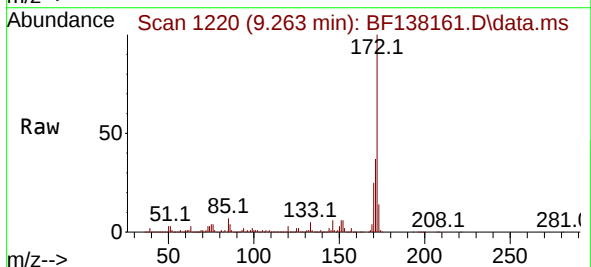
Tgt Ion:172 Resp: 3121940

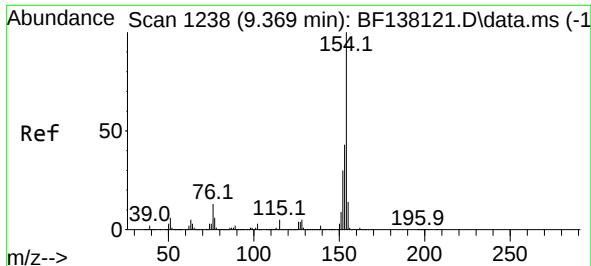
Ion Ratio Lower Upper

172 100

171 37.4 31.6 47.4

170 25.3 21.4 32.2





#46
1,1'-Biphenyl
Concen: 44.654 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

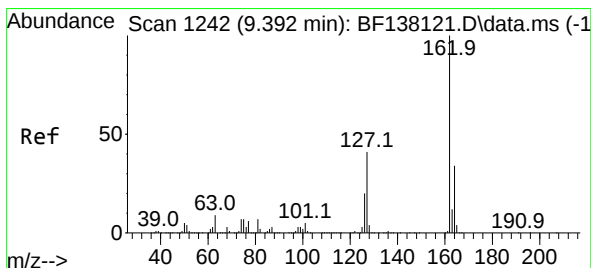
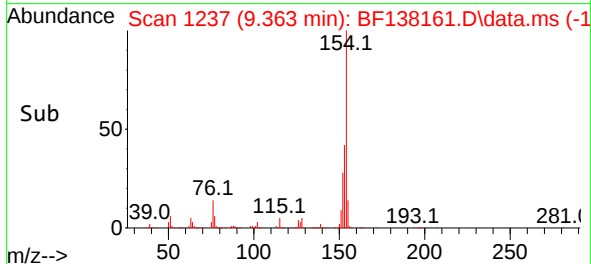
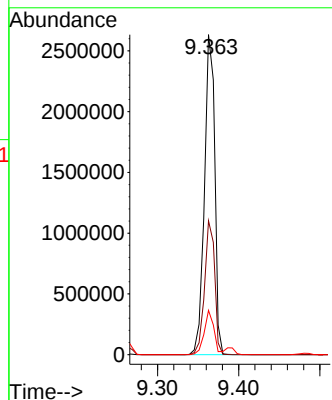
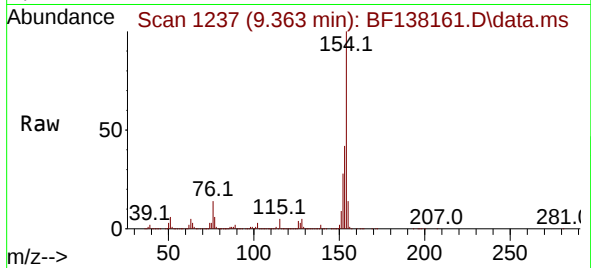
Tgt Ion:154 Resp: 231654
Ion Ratio Lower Upper
154 100
153 41.9 22.7 62.7
76 13.9 0.0 33.3

Manual Integrations

APPROVED

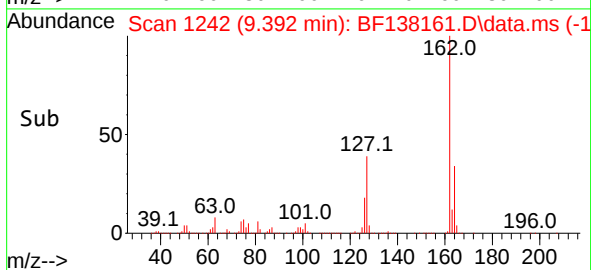
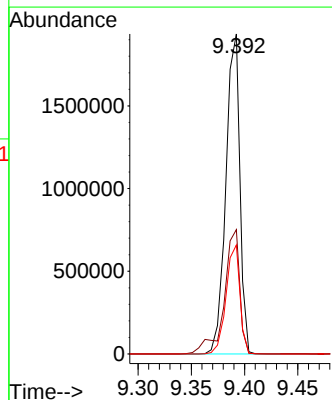
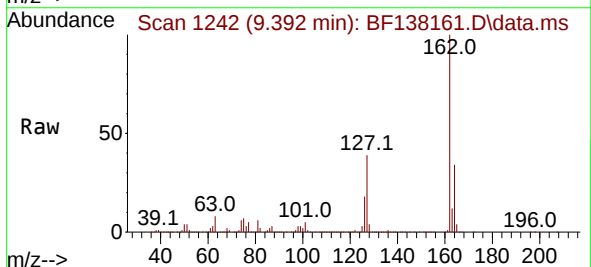
Reviewed By :Yogesh Patel 06/08/2024

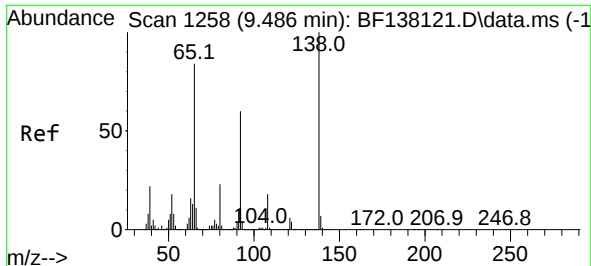
Supervised By :mohammad ahmed 06/10/2024



#47
2-Chloronaphthalene
Concen: 42.720 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:162 Resp: 1766210
Ion Ratio Lower Upper
162 100
127 38.8 33.0 49.4
164 34.1 27.5 41.3





#48

2-Nitroaniline

Concen: 45.319 ng

RT: 9.480 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion: 65 Resp: 46252

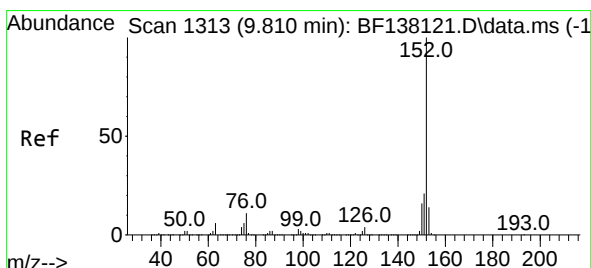
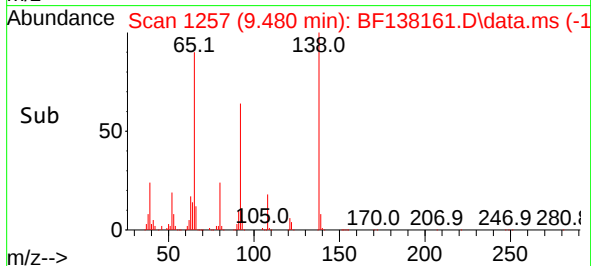
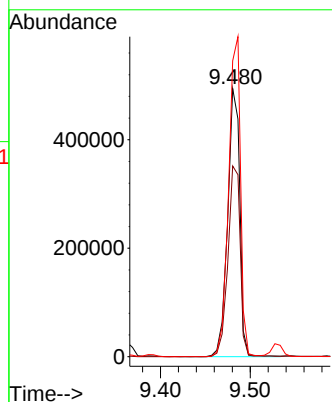
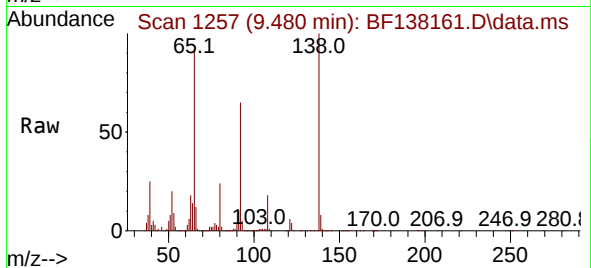
Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.3	85.9
138	110.3	95.4	143.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#49

Acenaphthylene

Concen: 46.206 ng

RT: 9.804 min Scan# 1312

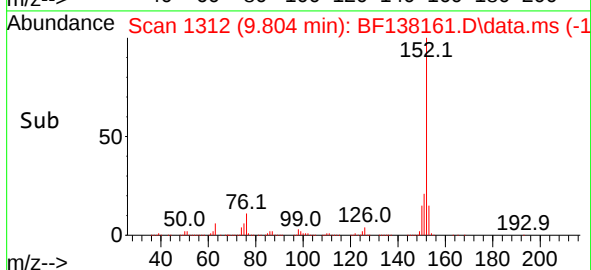
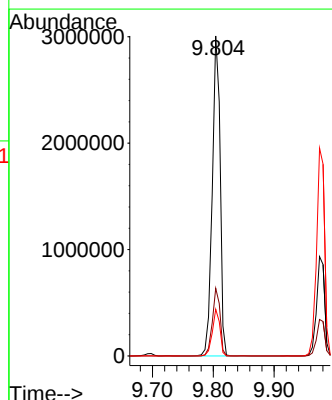
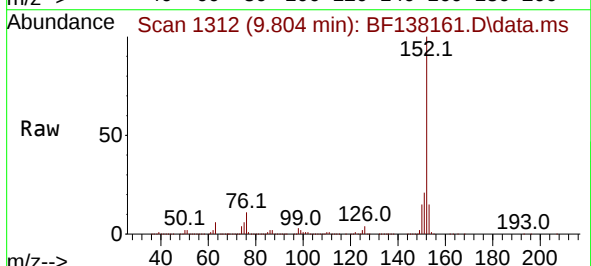
Delta R.T. -0.006 min

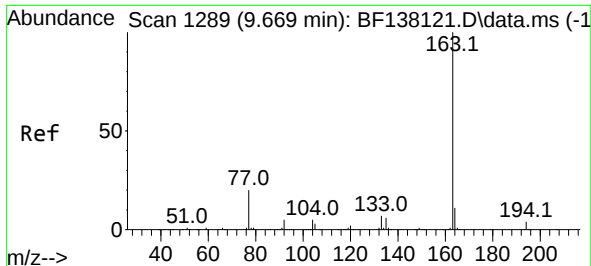
Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Tgt Ion:152 Resp: 2703344

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.1	25.7
153	14.6	11.6	17.4





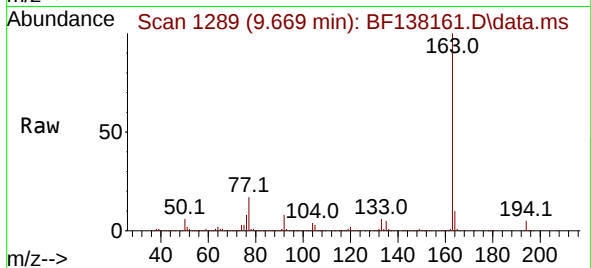
#50
Dimethylphthalate
Concen: 44.357 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

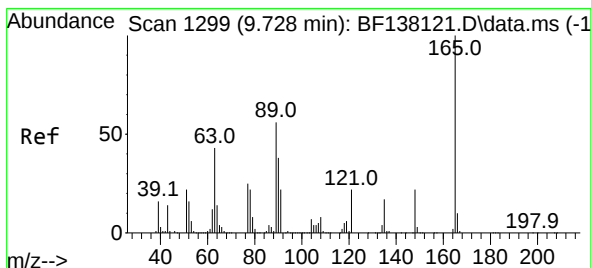
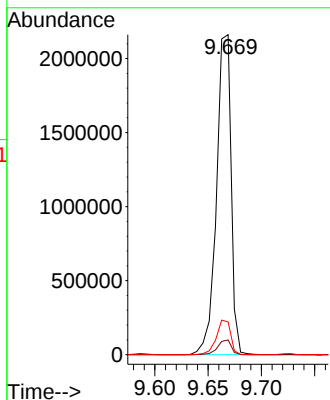
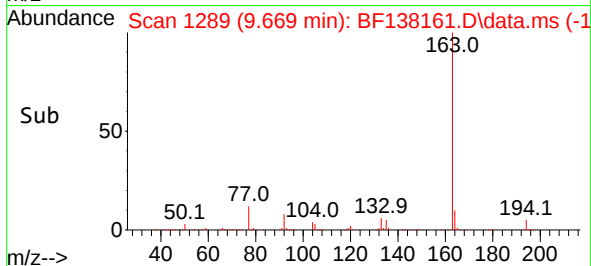


Tgt Ion:163 Resp: 205849
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.2 8.6 12.8

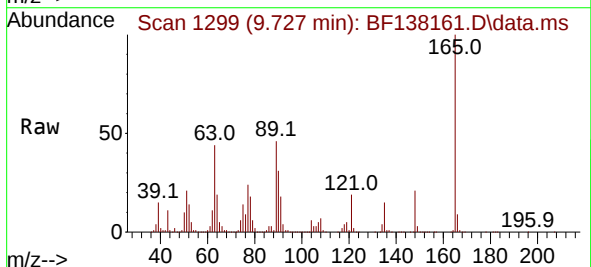
Manual Integrations

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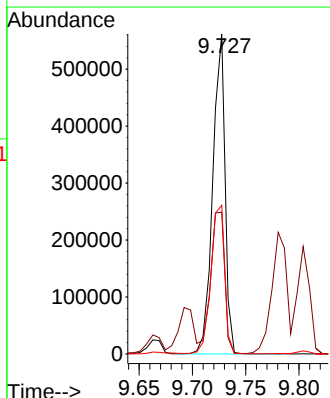
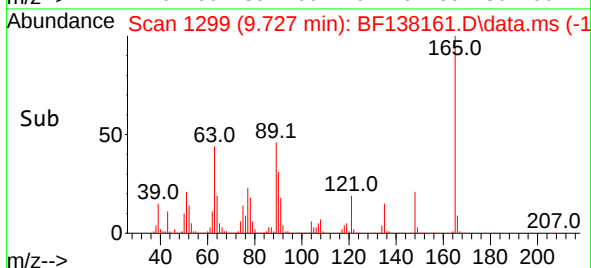
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

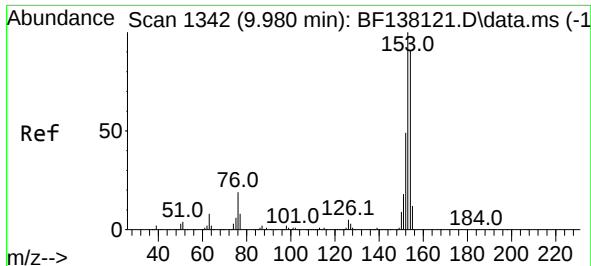


#51
2,6-Dinitrotoluene
Concen: 44.940 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:165 Resp: 450286
Ion Ratio Lower Upper
165 100
63 44.3 42.9 64.3
89 46.4 45.0 67.4





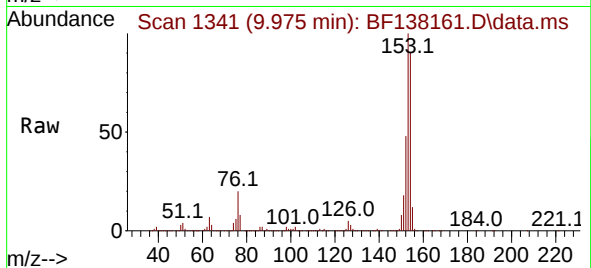
#52
Acenaphthene
Concen: 46.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



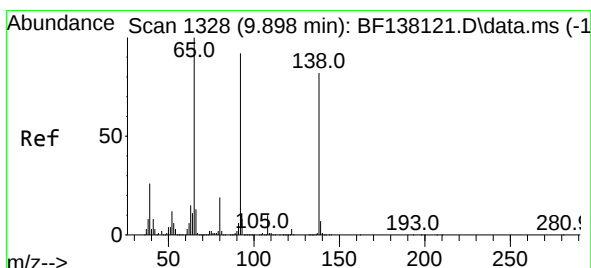
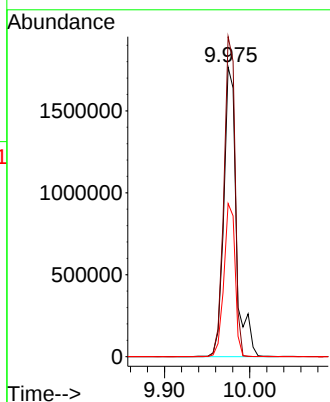
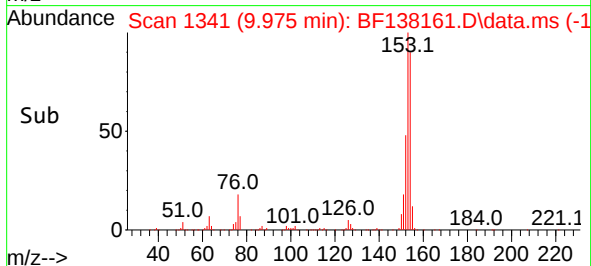
Tgt Ion:154 Resp: 1818418
Ion Ratio Lower Upper
154 100
153 110.5 87.6 131.4
152 52.9 43.0 64.6

Manual Integrations

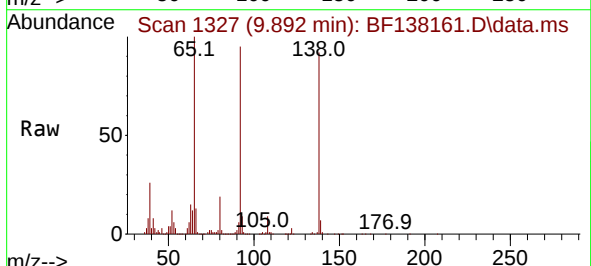
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

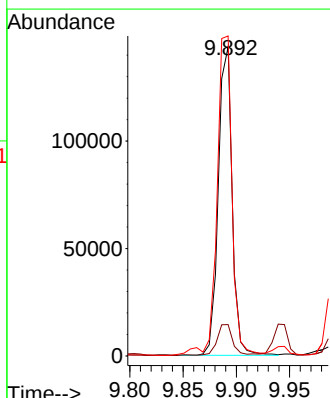
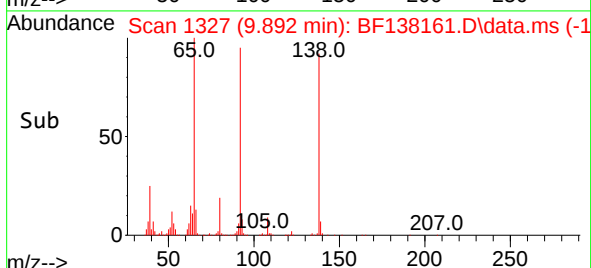
Supervised By :mohammad ahmed 06/10/2024

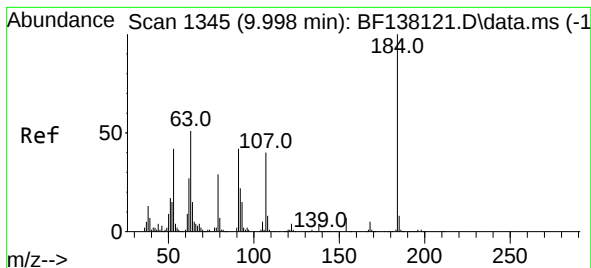


#53
3-Nitroaniline
Concen: 14.980 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:138 Resp: 129264
Ion Ratio Lower Upper
138 100
108 10.1 10.3 15.5#
92 103.5 89.5 134.3





#54
2,4-Dinitrophenol
Concen: 85.840 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

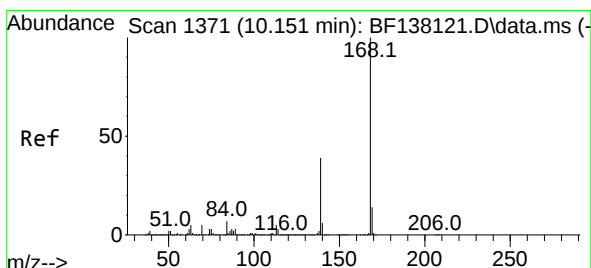
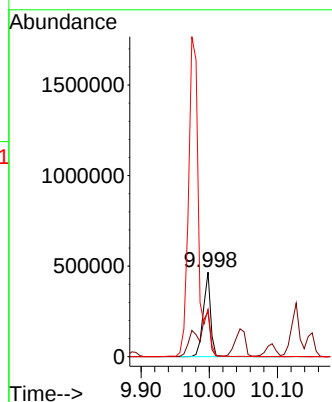
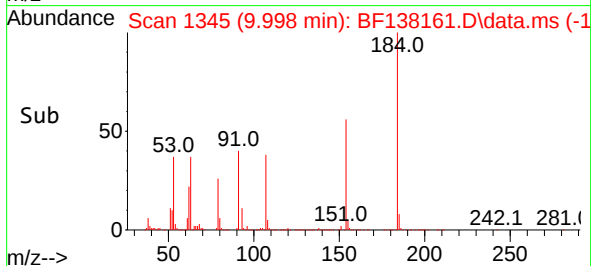
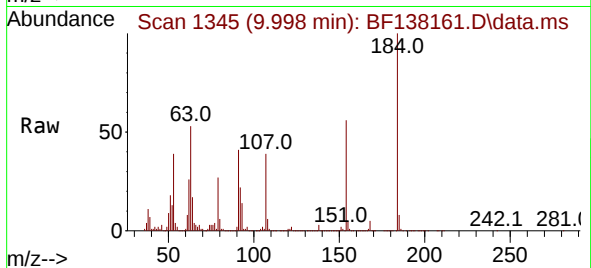
WCS-TPOMS

Tgt Ion:184 Resp: 349480
Ion Ratio Lower Upper
184 100
63 53.1 45.4 68.0
154 56.1 46.0 69.0

Manual Integrations

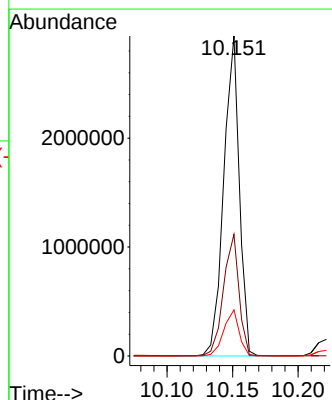
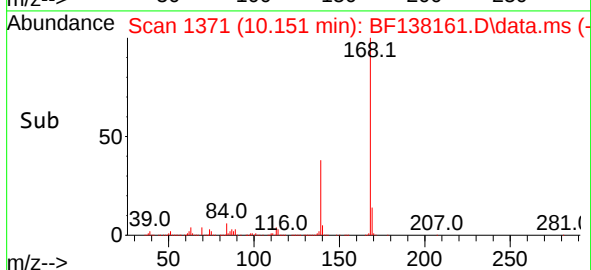
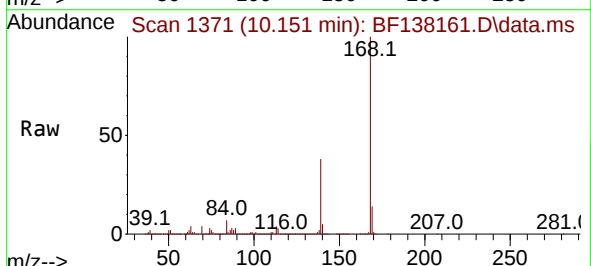
APPROVED

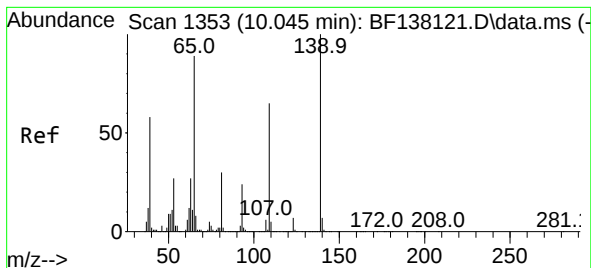
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#55
Dibenzofuran
Concen: 43.253 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

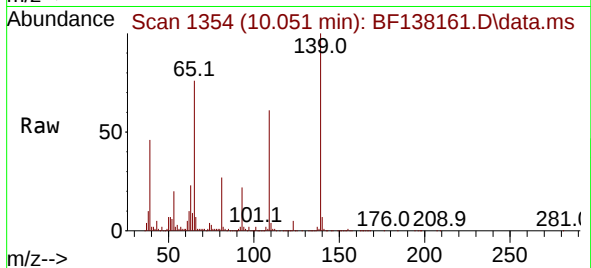
Tgt Ion:168 Resp: 2418480
Ion Ratio Lower Upper
168 100
139 38.0 31.1 46.7
169 14.4 11.6 17.4





#56
4-Nitrophenol
Concen: 87.997 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

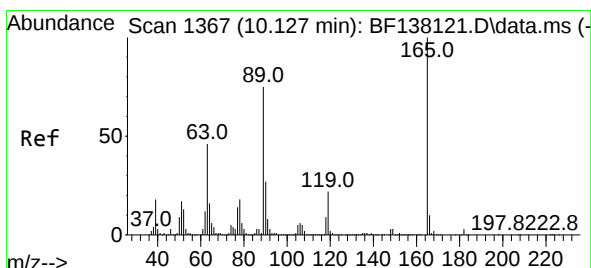
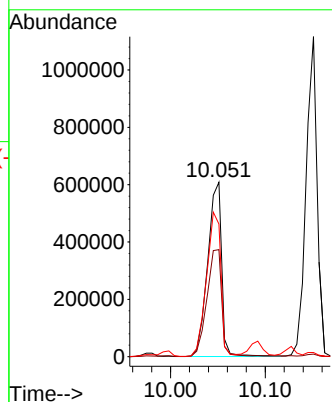
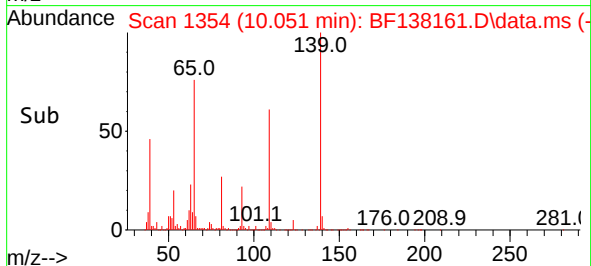
Instrument :
BNA_F
ClientSampleId :
WCS-TPOMS



Tgt Ion:139 Resp: 621119
Ion Ratio Lower Upper
139 100
109 61.3 45.5 85.5
65 76.0 69.1 109.1

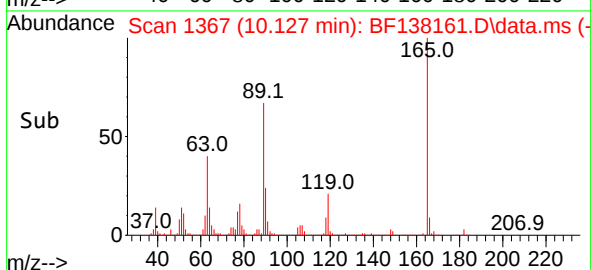
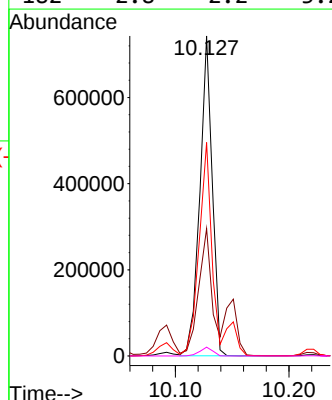
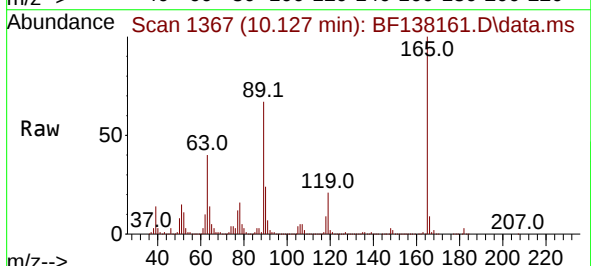
Manual Integrations
APPROVED

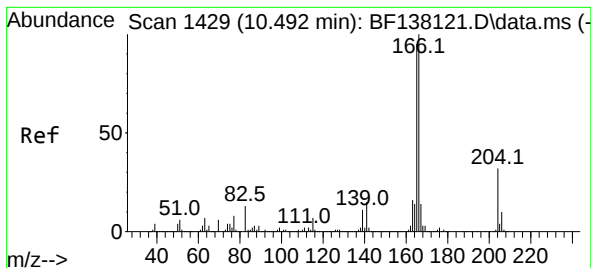
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#57
2,4-Dinitrotoluene
Concen: 47.270 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:165 Resp: 566608
Ion Ratio Lower Upper
165 100
63 39.8 36.8 55.2
89 66.7 60.2 90.2
182 2.8 2.2 3.2





#58

Fluorene

Concen: 42.230 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.000 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:166 Resp: 1875530

Ion Ratio Lower Upper

166 100

165 96.3 76.3 114.5

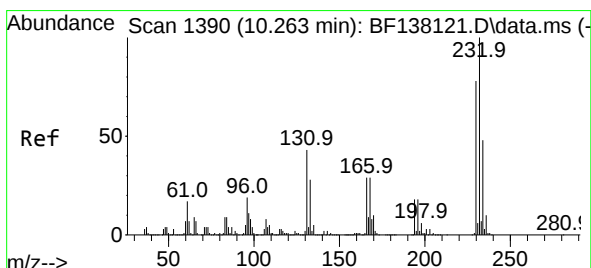
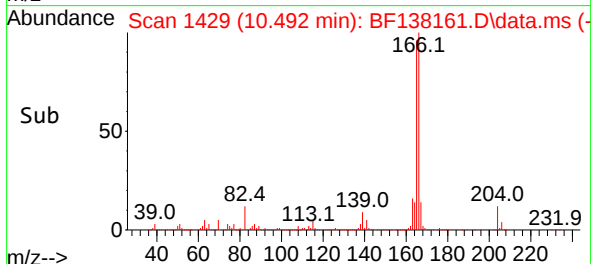
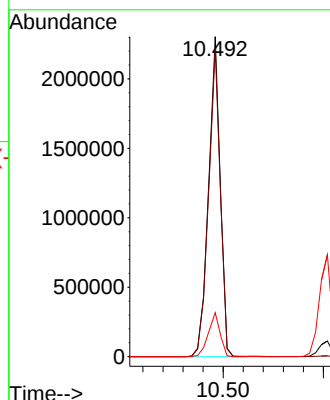
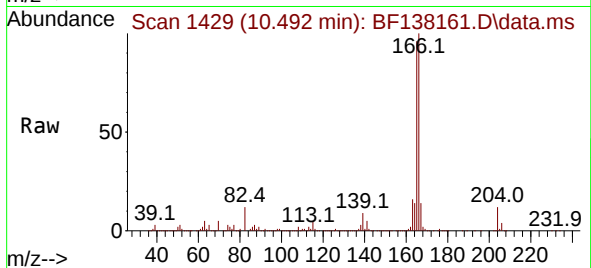
167 13.7 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 47.605 ng

RT: 10.263 min Scan# 1390

Delta R.T. -0.000 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Tgt Ion:232 Resp: 523814

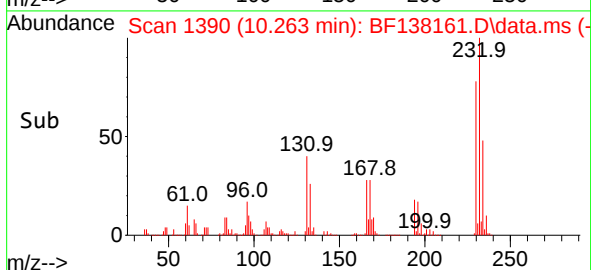
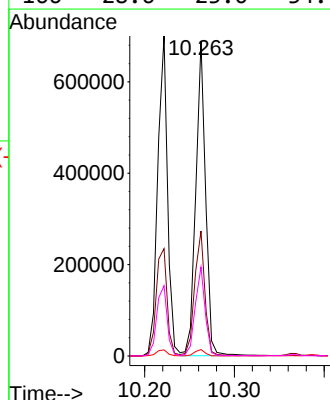
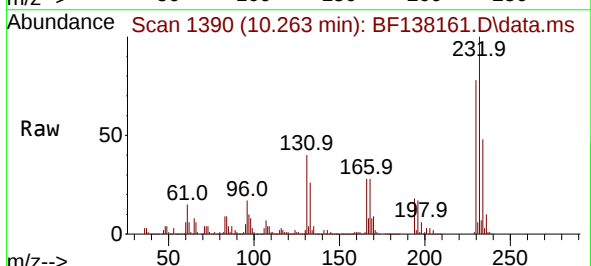
Ion Ratio Lower Upper

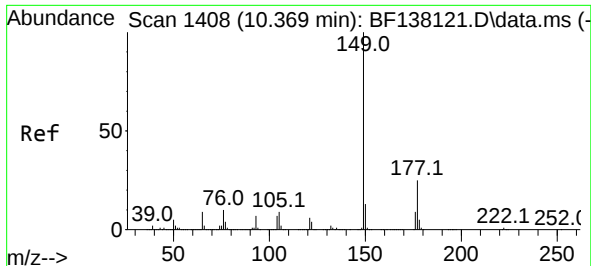
232 100

131 41.4 33.7 50.5

130 2.2 1.7 2.5

166 28.6 23.0 34.4





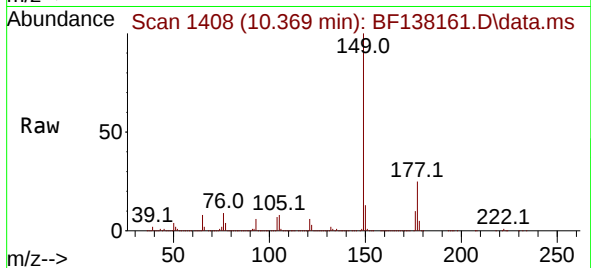
#60
Diethylphthalate
Concen: 43.528 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



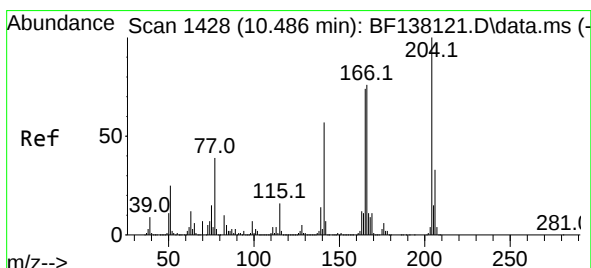
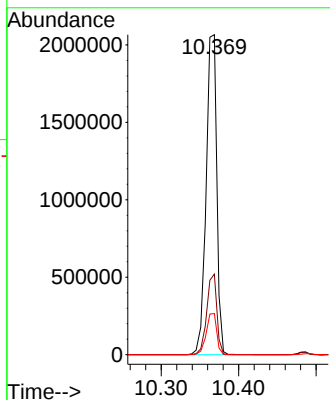
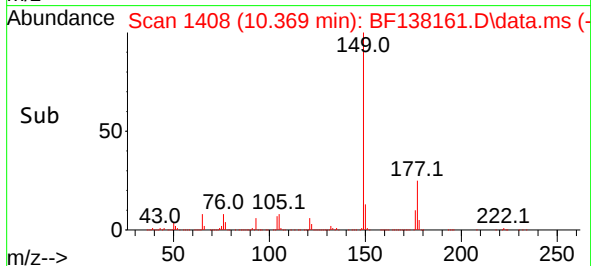
Tgt Ion:149 Resp: 1971954
Ion Ratio Lower Upper
149 100
177 25.2 19.9 29.9
150 12.9 10.7 16.1

Manual Integrations

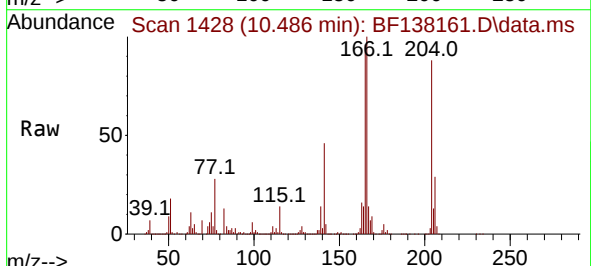
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

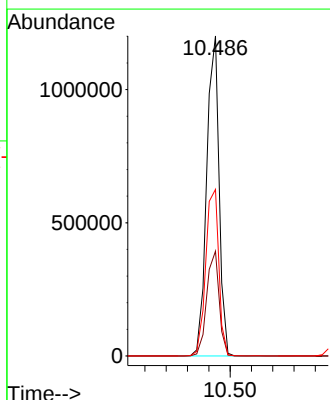
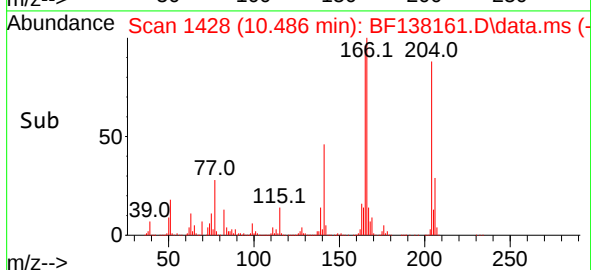
Supervised By :mohammad ahmed 06/10/2024

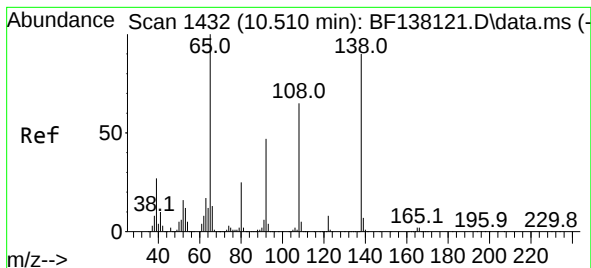


#61
4-Chlorophenyl-phenylether
Concen: 43.066 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:204 Resp: 971677
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 52.0 45.2 67.8





#62
4-Nitroaniline
Concen: 43.500 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

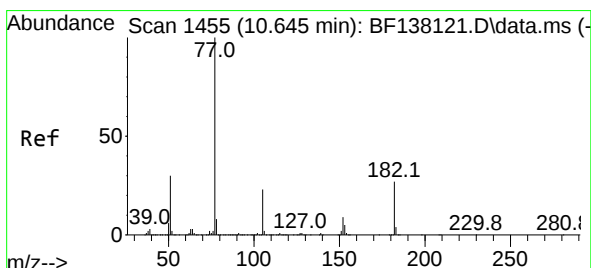
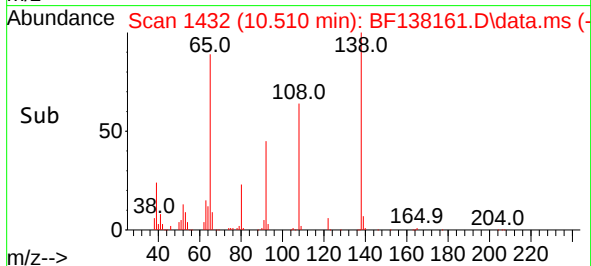
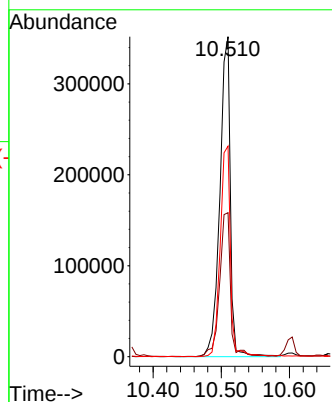
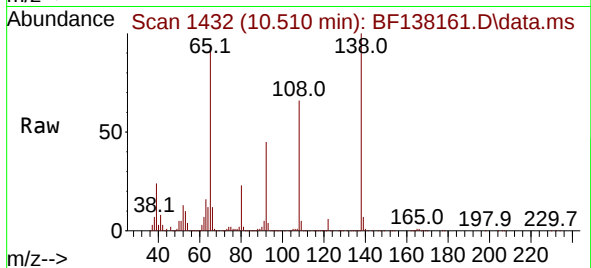
WCS-TPOMS

Tgt Ion:138 Resp: 376804
Ion Ratio Lower Upper
138 100
92 45.0 32.3 72.3
108 65.8 53.0 93.0

Manual Integrations

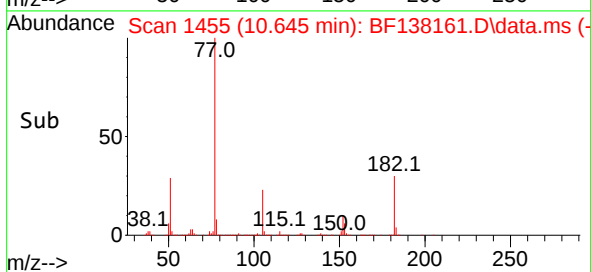
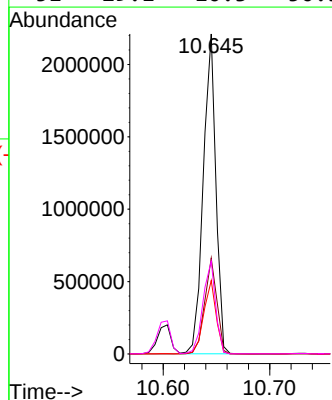
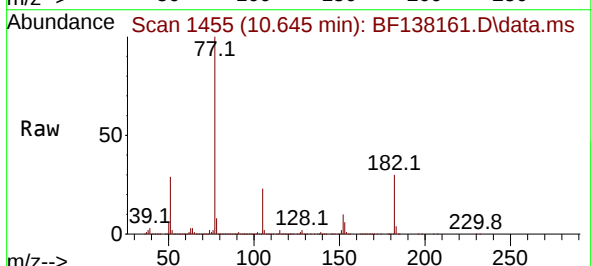
APPROVED

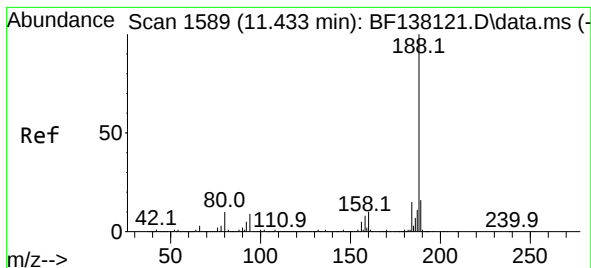
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#63
Azobenzene
Concen: 41.821 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion: 77 Resp: 1824858
Ion Ratio Lower Upper
77 100
182 30.0 7.2 47.2
105 23.0 3.0 43.0
51 29.1 10.3 50.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

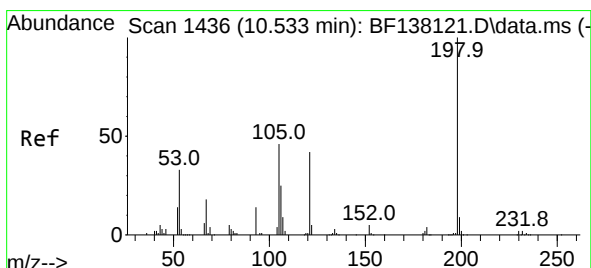
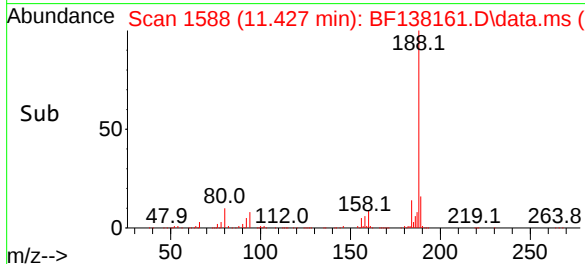
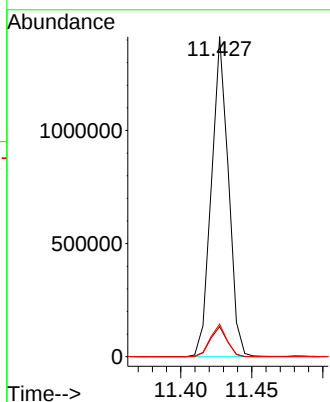
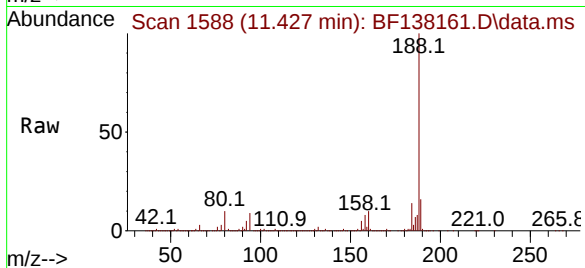
WCS-TPOMS

Tgt Ion:188 Resp: 117790
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 7.7 11.5

Manual Integrations

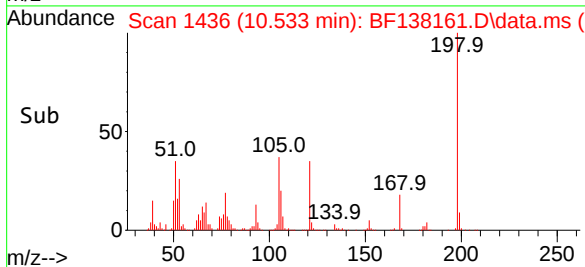
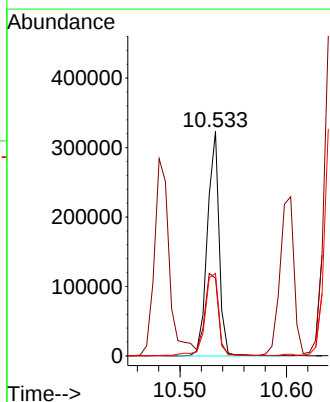
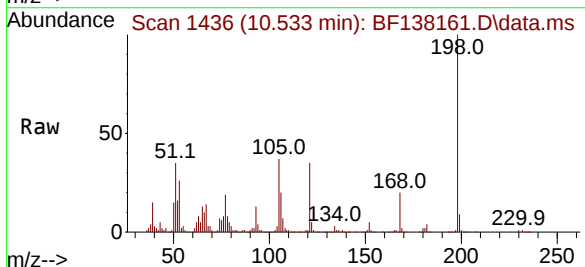
APPROVED

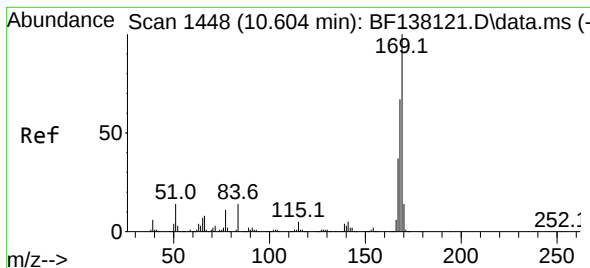
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 53.826 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:198 Resp: 247073
Ion Ratio Lower Upper
198 100
51 34.7 28.2 68.2
105 36.8 26.8 66.8





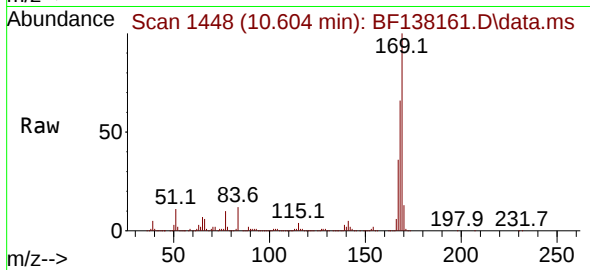
#66
n-Nitrosodiphenylamine
Concen: 47.373 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

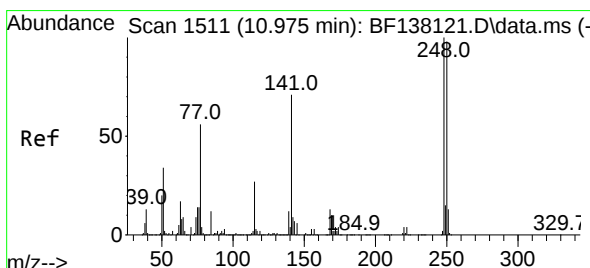
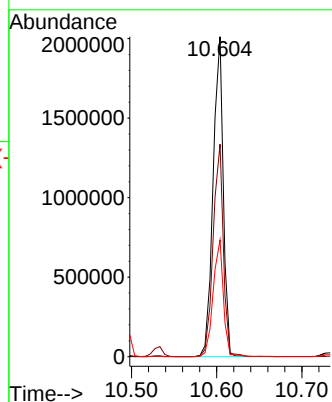
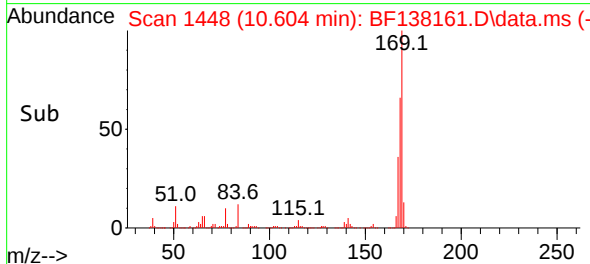


Tgt Ion:169 Resp: 1666320
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.5 29.8 44.6

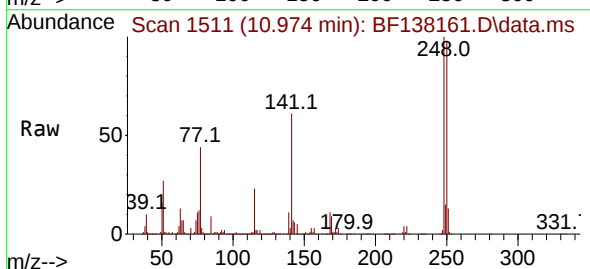
Manual Integrations

APPROVED

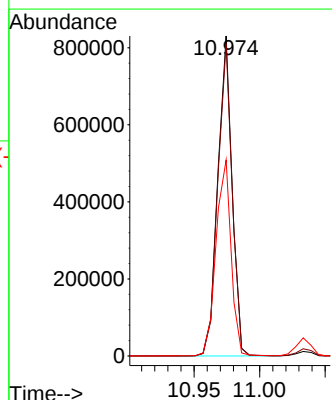
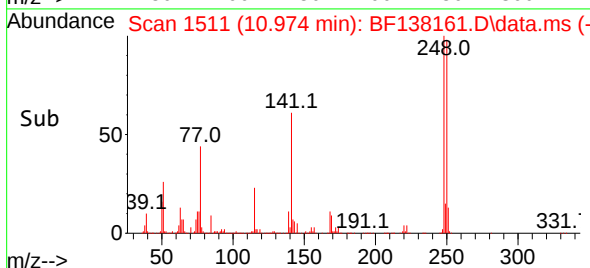
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

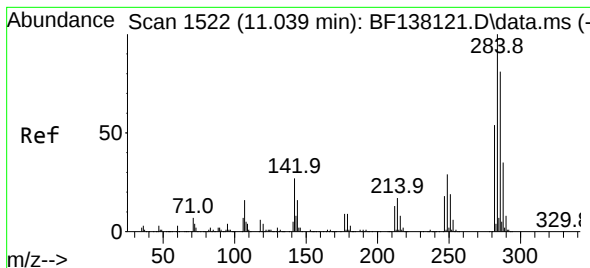


#67
4-Bromophenyl-phenylether
Concen: 46.953 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:248 Resp: 629732
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 61.3 56.5 84.7





#68

Hexachlorobenzene

Concen: 44.714 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:284 Resp: 697190

Ion Ratio Lower Upper

284 100

142 31.6 21.4 32.0

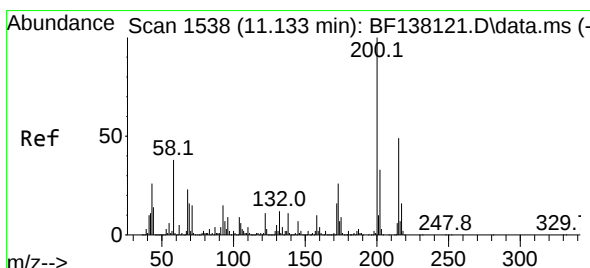
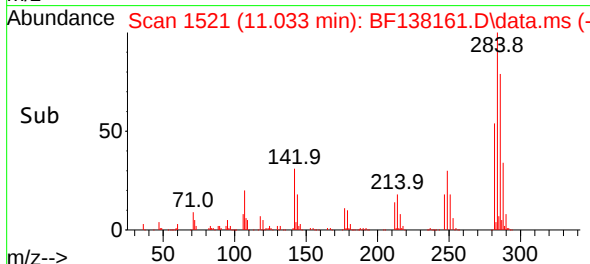
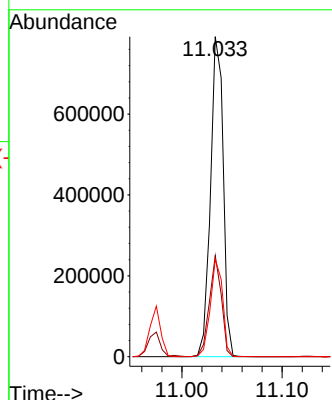
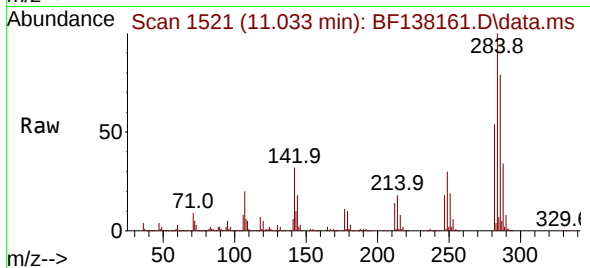
249 30.3 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#69

Atrazine

Concen: 42.942 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

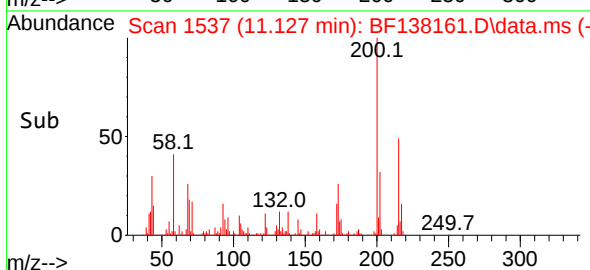
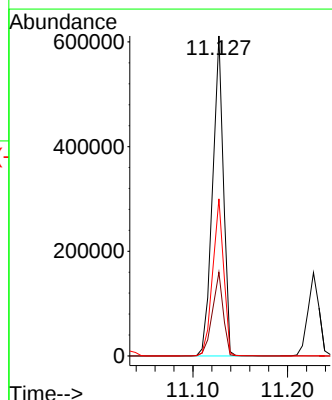
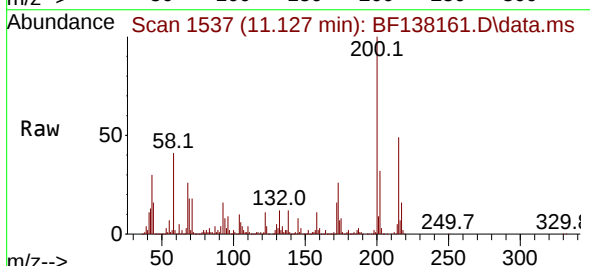
Tgt Ion:200 Resp: 485978

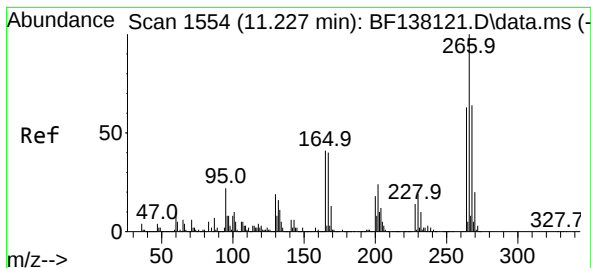
Ion Ratio Lower Upper

200 100

173 26.2 5.7 45.7

215 49.1 29.4 69.4





#70
Pentachlorophenol
Concen: 92.712 ng
RT: 11.227 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

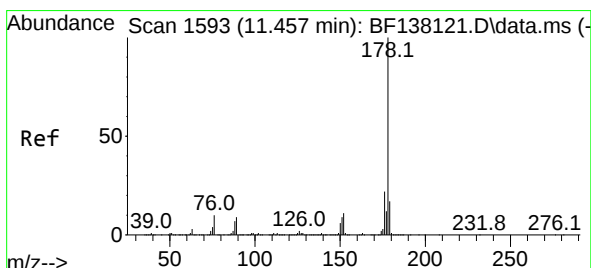
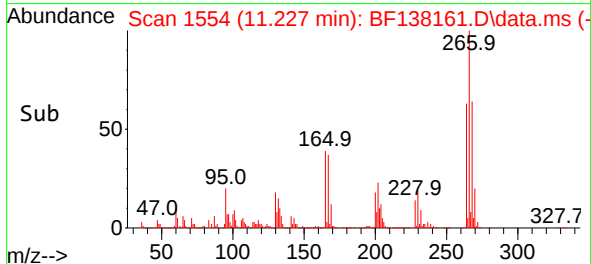
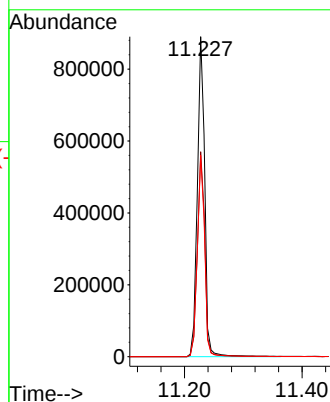
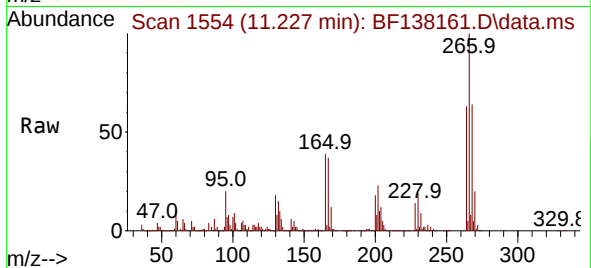
WCS-TPOMS

Tgt Ion:266 Resp: 773832
Ion Ratio Lower Upper
266 100
268 64.1 51.4 77.0
264 62.9 50.1 75.1

Manual Integrations

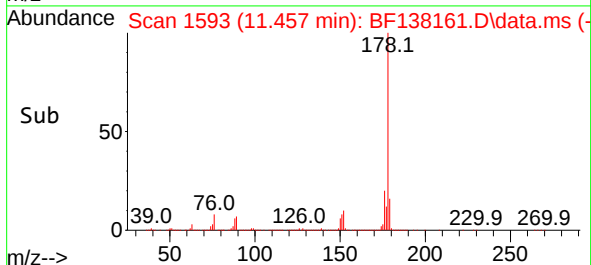
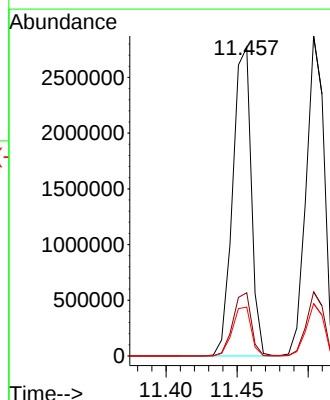
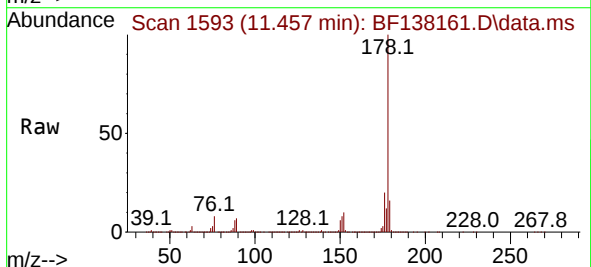
APPROVED

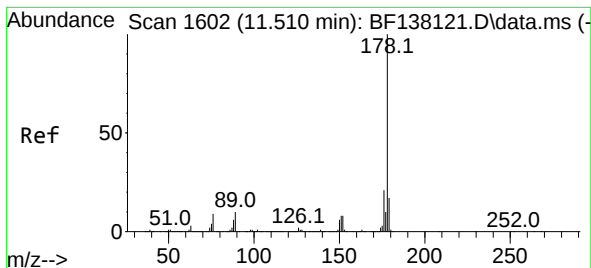
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#71
Phenanthrene
Concen: 44.377 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:178 Resp: 2516409
Ion Ratio Lower Upper
178 100
176 20.5 17.2 25.8
179 15.8 13.6 20.4





#72

Anthracene

Concen: 44.850 ng

RT: 11.504 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:178 Resp: 2536579

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

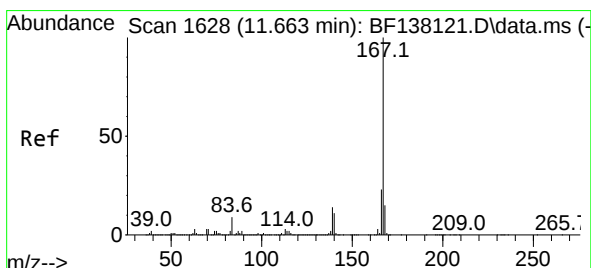
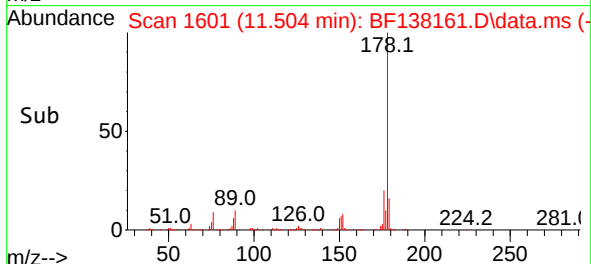
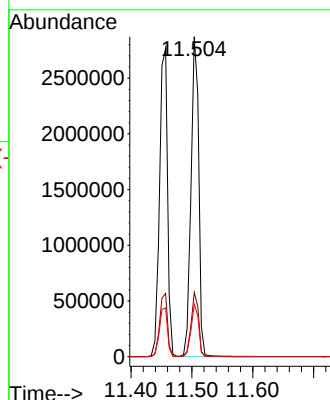
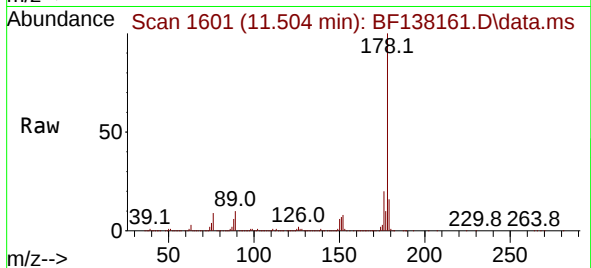
179 16.4 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#73

Carbazole

Concen: 38.658 ng

RT: 11.657 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

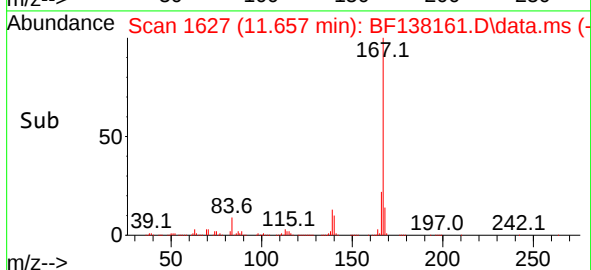
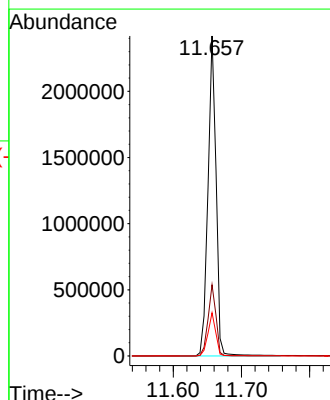
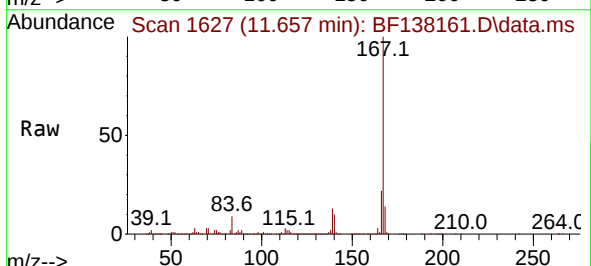
Tgt Ion:167 Resp: 1999468

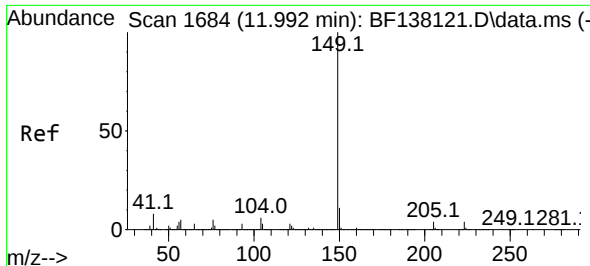
Ion Ratio Lower Upper

167 100

166 22.3 18.6 27.8

139 13.5 11.0 16.6





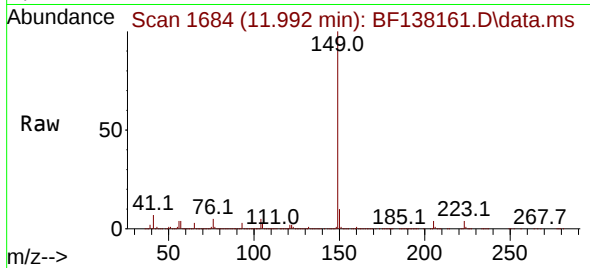
#74
Di-n-butylphthalate
Concen: 45.204 ng
RT: 11.992 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



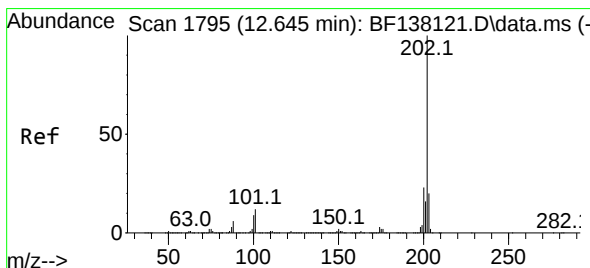
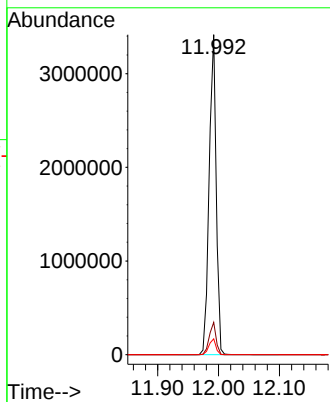
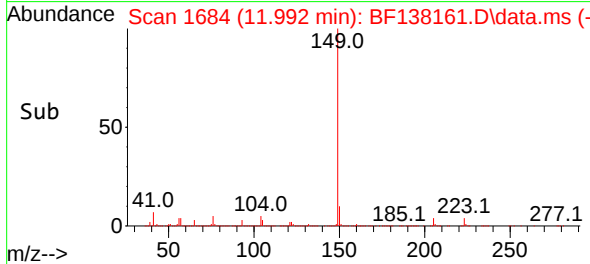
Tgt Ion:149 Resp: 2748125
Ion Ratio Lower Upper
149 100
150 10.1 8.5 12.7
104 5.0 4.4 6.6

Manual Integrations

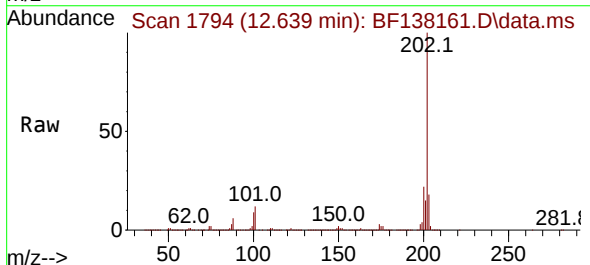
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

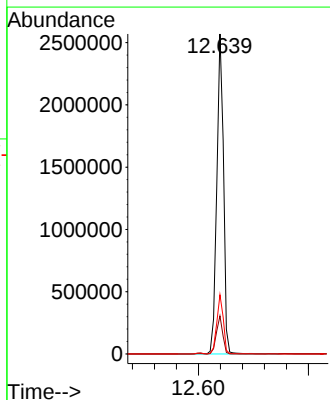
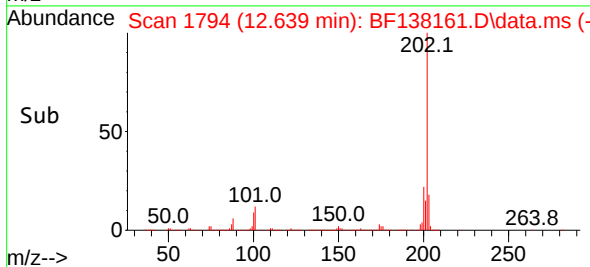
Supervised By :mohammad ahmed 06/10/2024

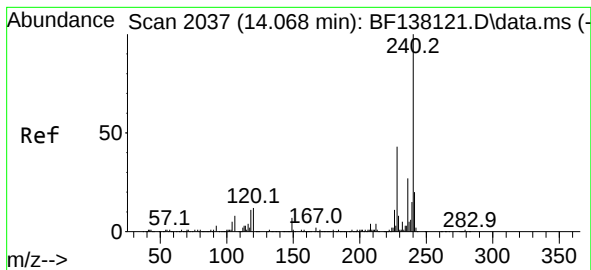


#75
Fluoranthene
Concen: 35.828 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:202 Resp: 2192085
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.2
203 18.5 0.0 39.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

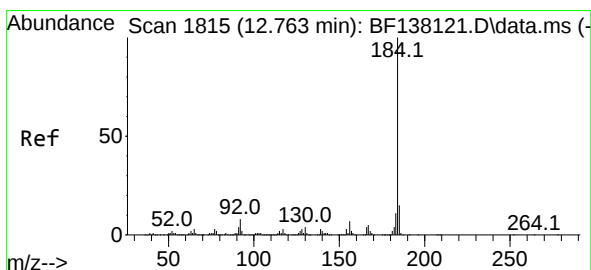
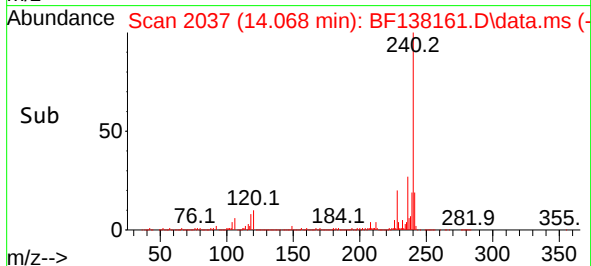
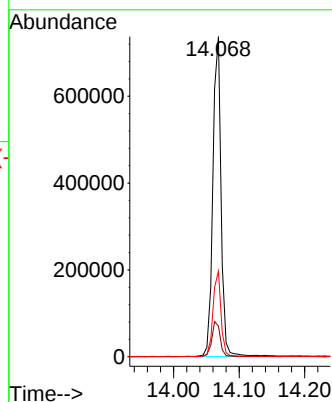
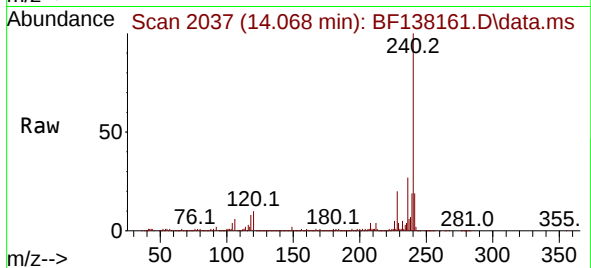
WCS-TPOMS

Tgt Ion:240 Resp: 644159
Ion Ratio Lower Upper
240 100
120 9.6 9.8 14.8
236 26.8 21.2 31.8

Manual Integrations

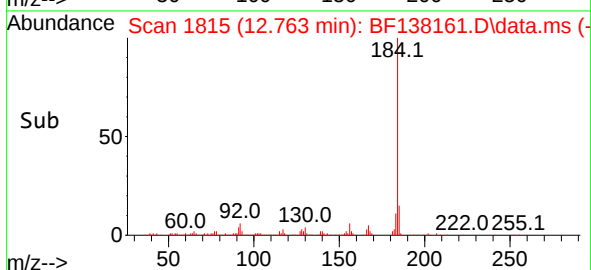
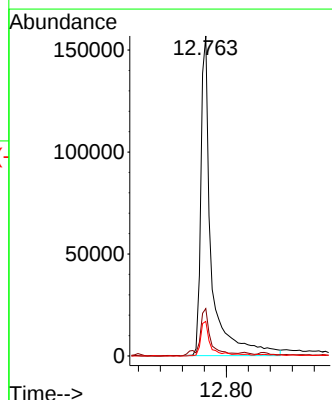
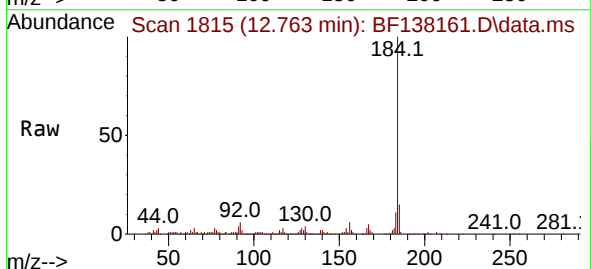
APPROVED

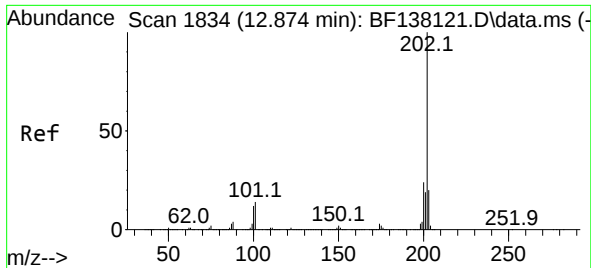
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#77
Benzidine
Concen: 31.504 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:184 Resp: 208836
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 10.8 9.0 13.4





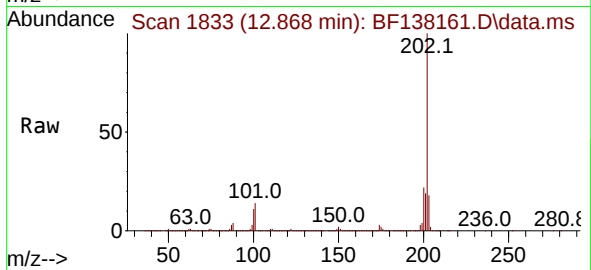
#78
 Pyrene
 Concen: 37.276 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF138161.D
 Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



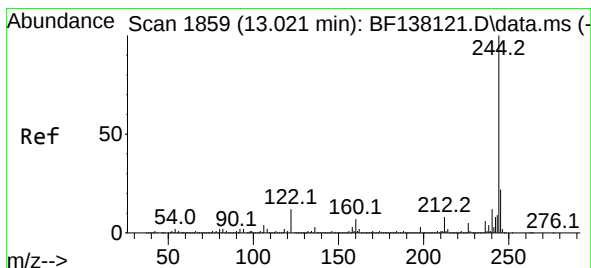
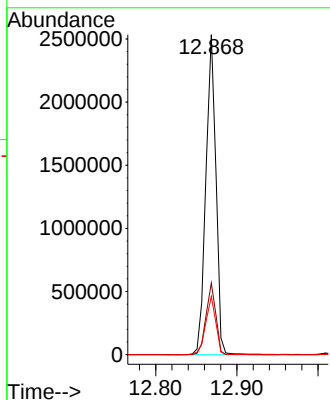
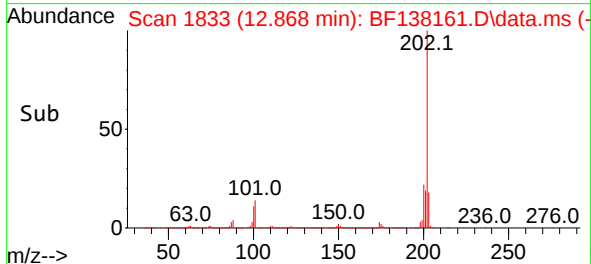
Tgt Ion:202 Resp: 217155
 Ion Ratio Lower Upper
 202 100
 200 22.4 19.1 28.7
 203 18.2 15.6 23.4

Manual Integrations

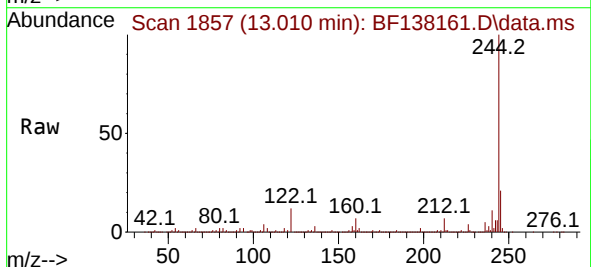
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

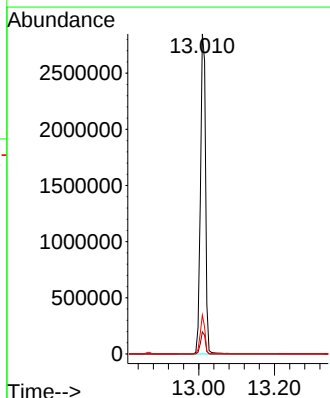
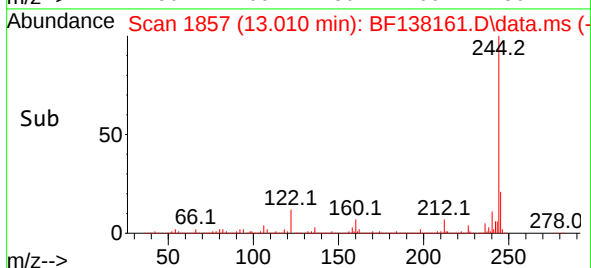
Supervised By :mohammad ahmed 06/10/2024

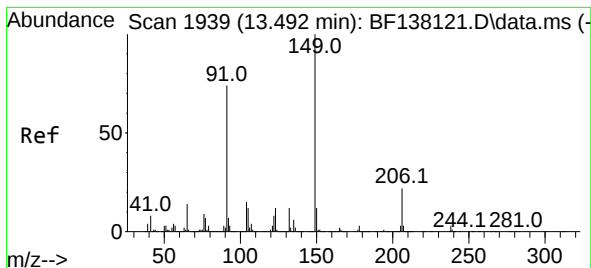


#79
 Terphenyl-d14
 Concen: 62.536 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.012 min
 Lab File: BF138161.D
 Acq: 07 Jun 2024 15:35



Tgt Ion:244 Resp: 2693184
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.4 9.6
 122 12.2 9.4 14.2





#80

Butylbenzylphthalate

Concen: 44.116 ng

RT: 13.492 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:149 Resp: 848650

Ion Ratio Lower Upper

149 100

91 63.3 59.6 89.4

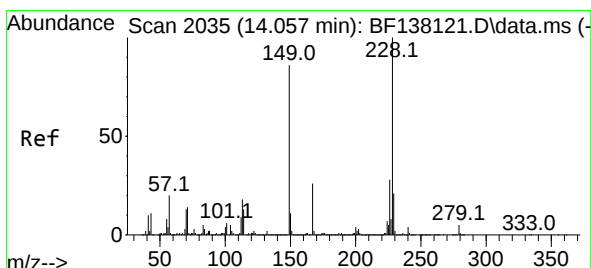
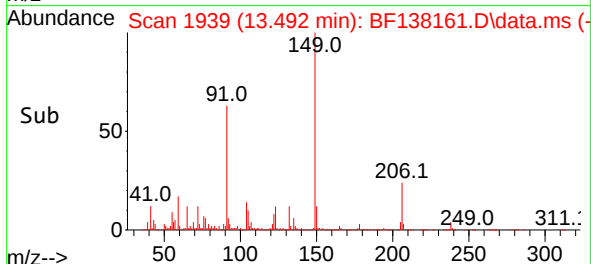
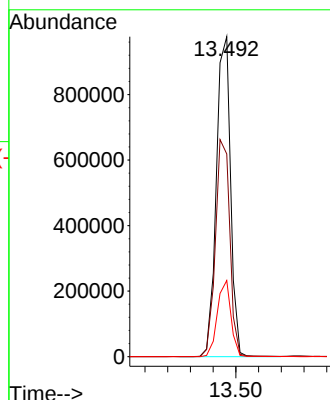
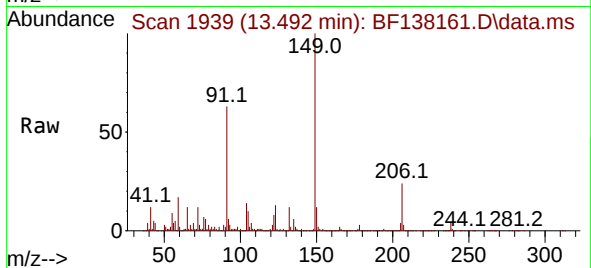
206 23.8 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#81

Benzo(a)anthracene

Concen: 44.793 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

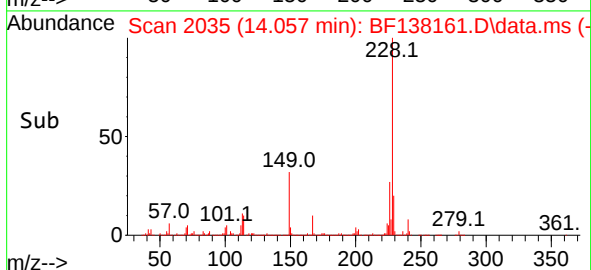
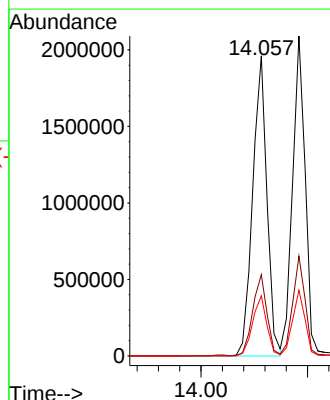
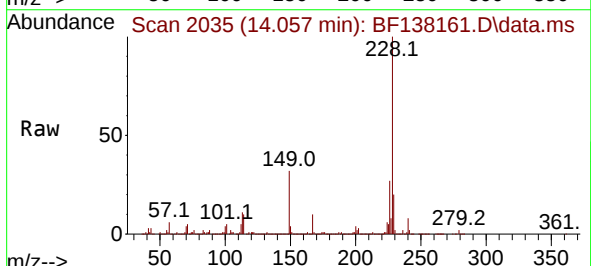
Tgt Ion:228 Resp: 1820408

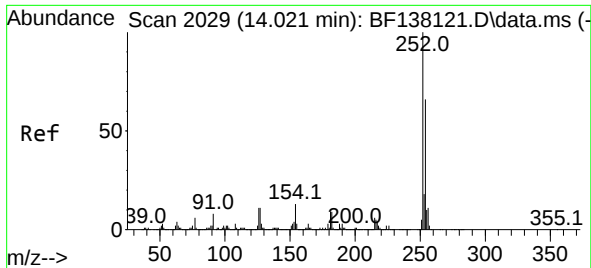
Ion Ratio Lower Upper

228 100

226 27.1 22.7 34.1

229 20.0 16.7 25.1





#82
 3,3'-Dichlorobenzidine
 Concen: 32.660 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: BF138161.D
 Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

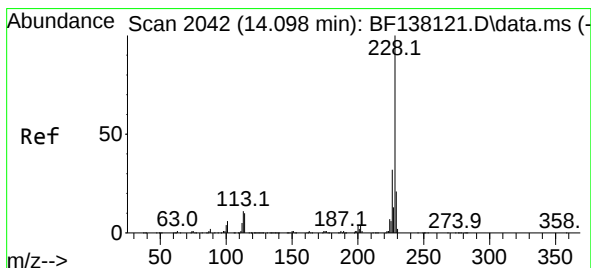
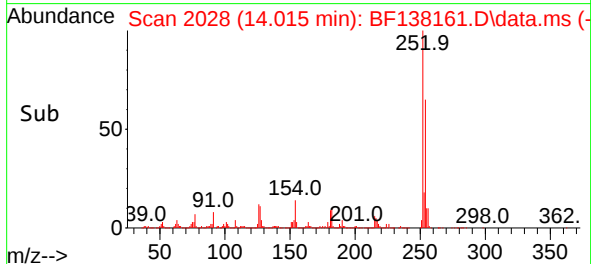
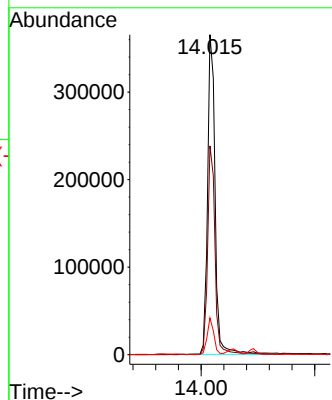
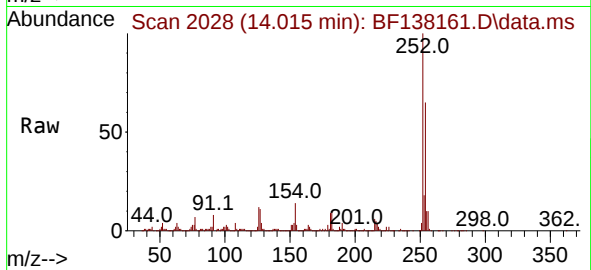
WCS-TPOMS

Tgt Ion:252 Resp: 336420
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.9 79.3
 126 11.5 8.8 13.2

Manual Integrations

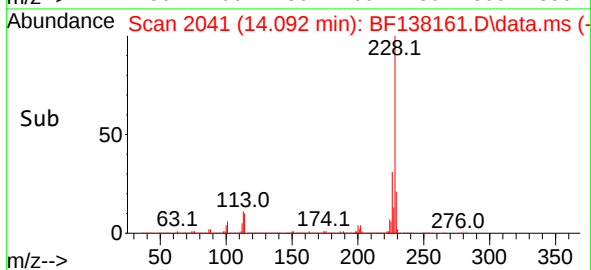
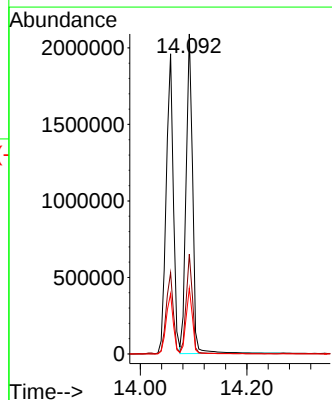
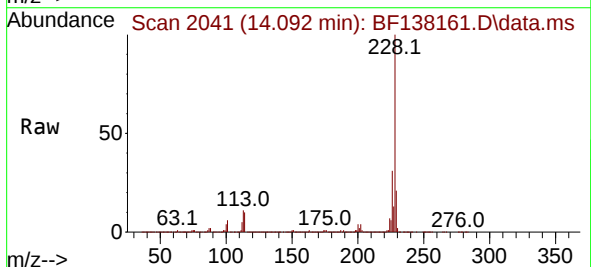
APPROVED

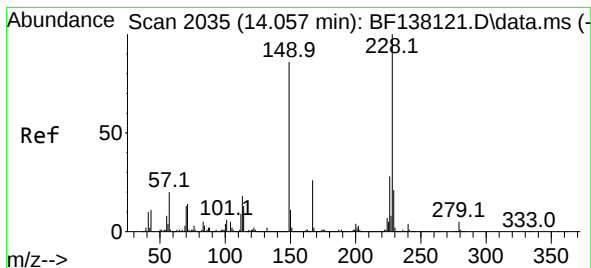
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



#83
 Chrysene
 Concen: 45.448 ng
 RT: 14.092 min Scan# 2041
 Delta R.T. -0.006 min
 Lab File: BF138161.D
 Acq: 07 Jun 2024 15:35

Tgt Ion:228 Resp: 1772635
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.6 38.4
 229 20.6 16.6 25.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 41.828 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

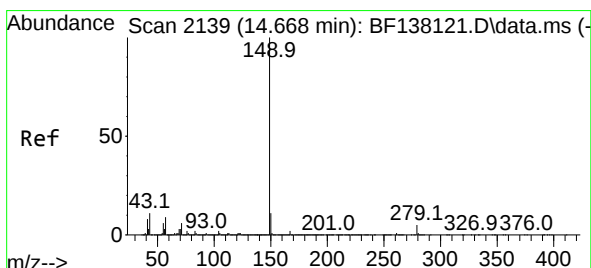
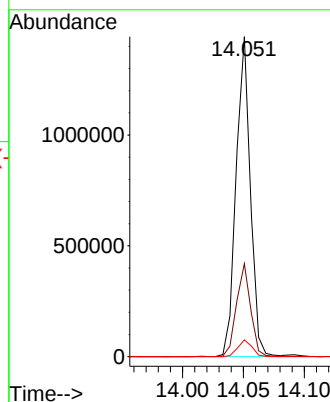
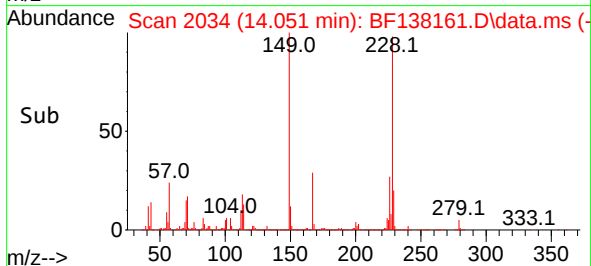
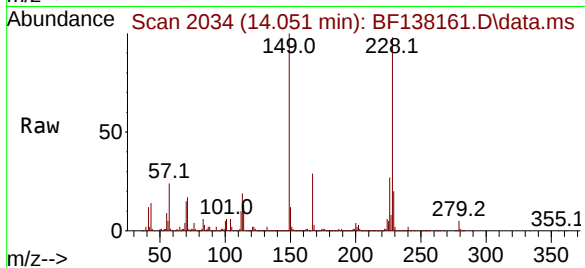
WCS-TPOMS

Tgt Ion:149 Resp: 117230
Ion Ratio Lower Upper
149 100
167 29.1 24.2 36.2
279 5.3 4.6 6.8

Manual Integrations

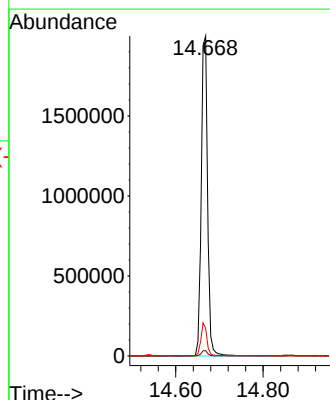
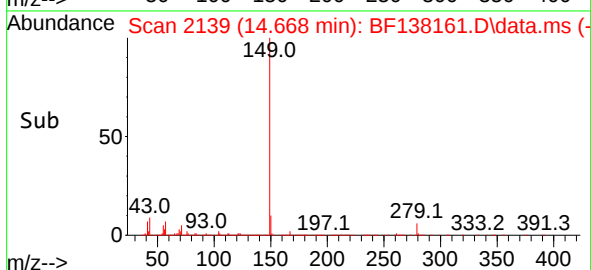
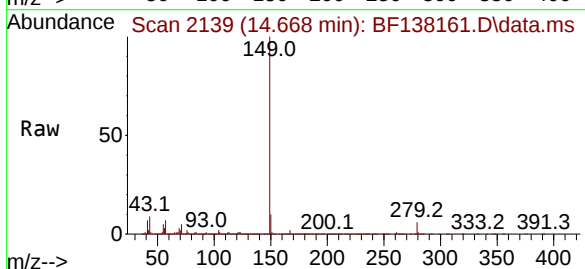
APPROVED

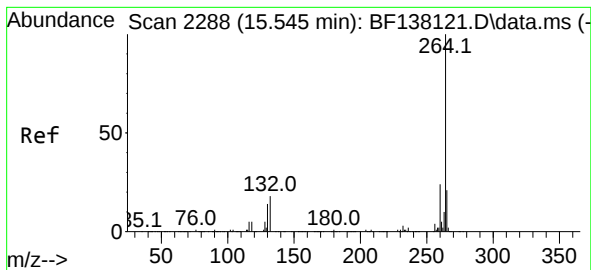
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#85
Di-n-octyl phthalate
Concen: 52.151 ng
RT: 14.668 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Tgt Ion:149 Resp: 2011889
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.6 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:264 Resp: 72328

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

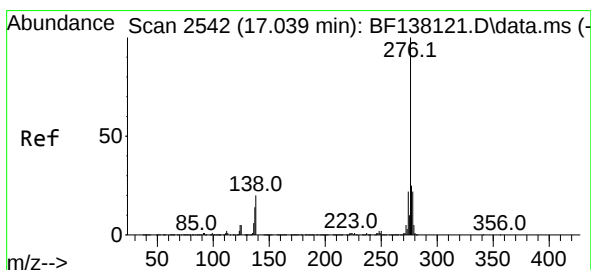
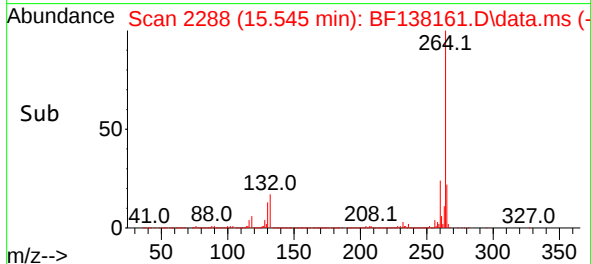
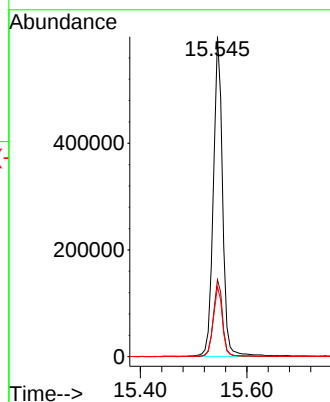
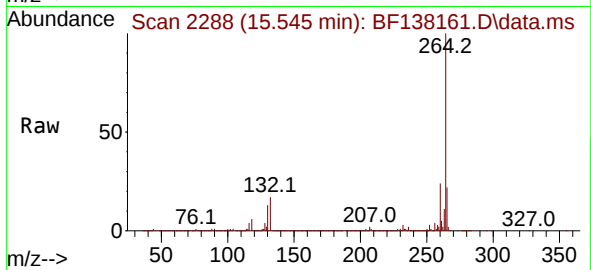
265 21.8 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 31.813 ng

RT: 17.033 min Scan# 2541

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

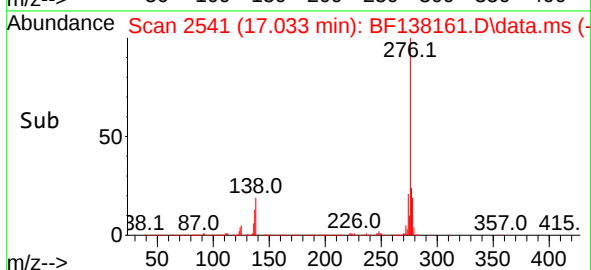
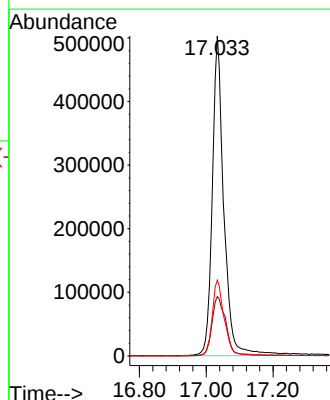
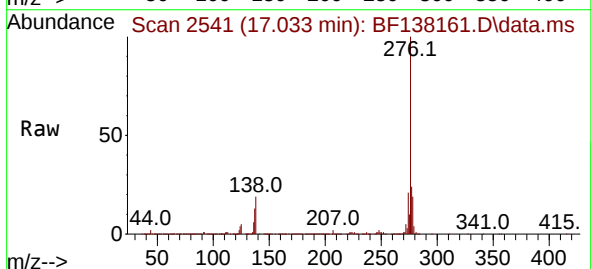
Tgt Ion:276 Resp: 1202904

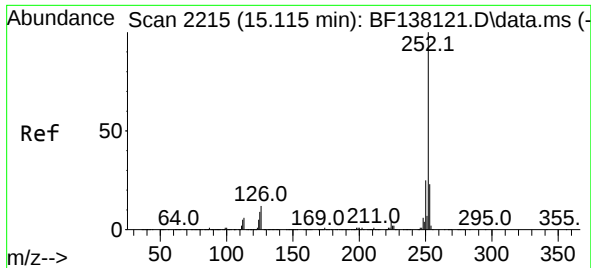
Ion Ratio Lower Upper

276 100

138 22.3 18.9 28.3

277 25.0 20.3 30.5





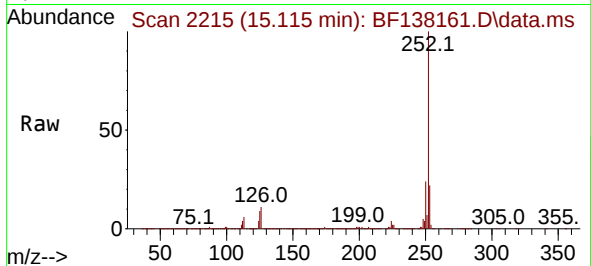
#88
Benzo(b)fluoranthene
Concen: 43.052 ng
RT: 15.115 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



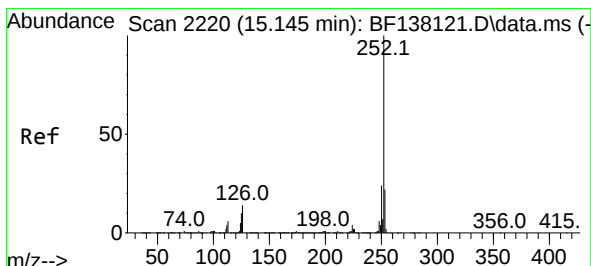
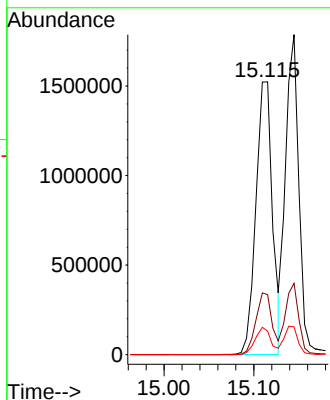
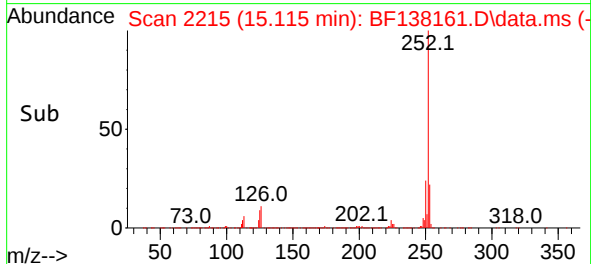
Tgt Ion:252 Resp: 1957561
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 8.6 7.4 11.2

Manual Integrations

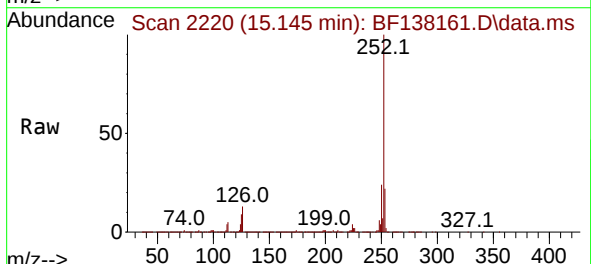
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

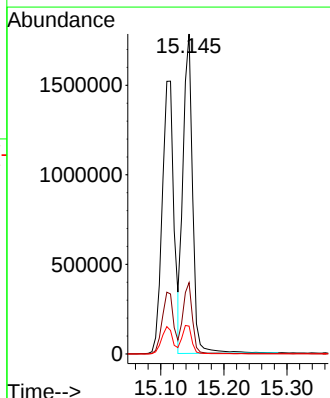
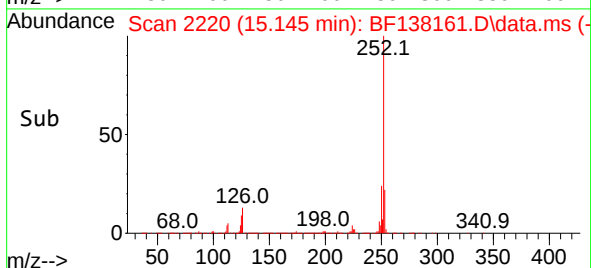
Supervised By :mohammad ahmed 06/10/2024

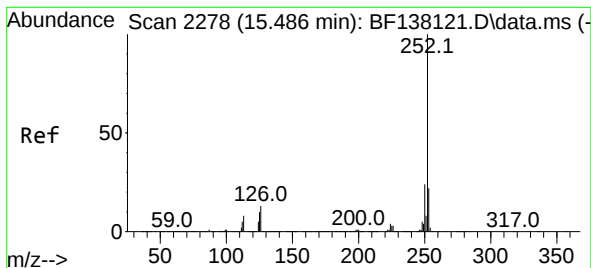


#89
Benzo(k)fluoranthene
Concen: 43.248 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BF138161.D
Acq: 07 Jun 2024 15:35



Tgt Ion:252 Resp: 1875272
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.7 7.8 11.6





#90

Benzo(a)pyrene

Concen: 46.486 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS

Tgt Ion:252 Resp: 160078

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

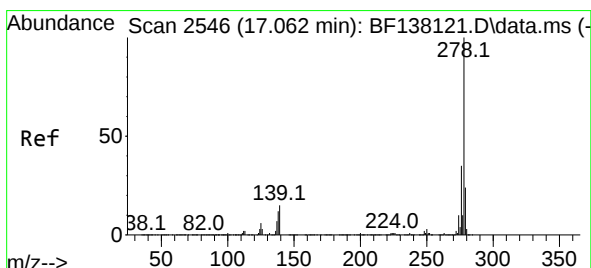
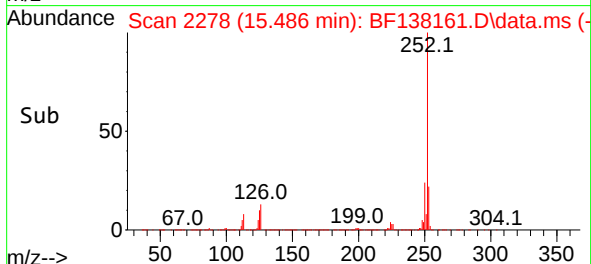
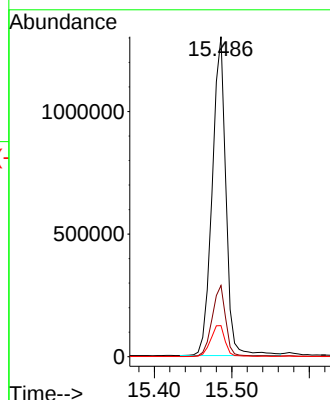
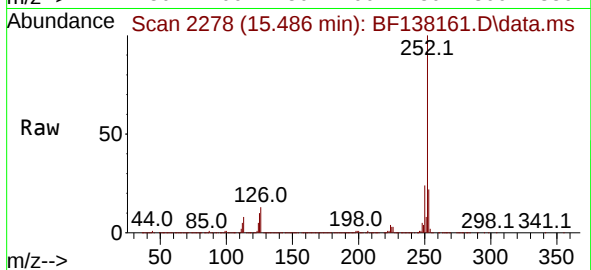
125 9.7 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#91

Dibenzo(a,h)anthracene

Concen: 30.764 ng

RT: 17.056 min Scan# 2545

Delta R.T. -0.006 min

Lab File: BF138161.D

Acq: 07 Jun 2024 15:35

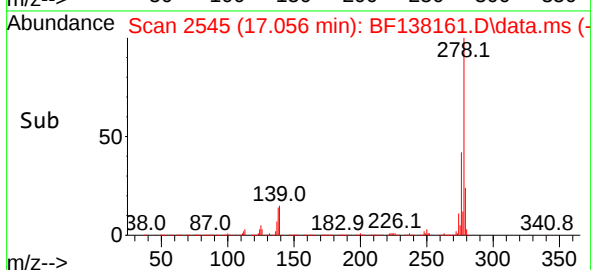
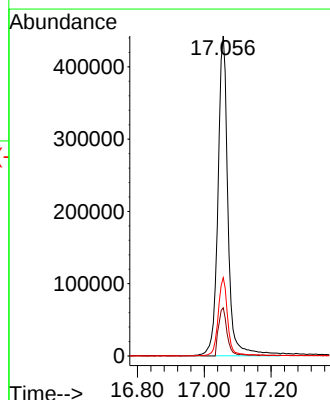
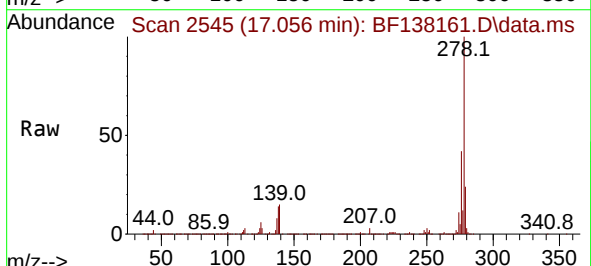
Tgt Ion:278 Resp: 924289

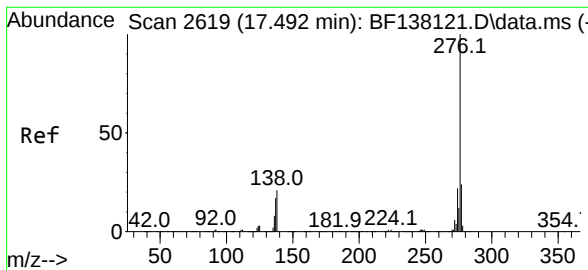
Ion Ratio Lower Upper

278 100

139 15.1 11.7 17.5

279 24.4 19.2 28.8





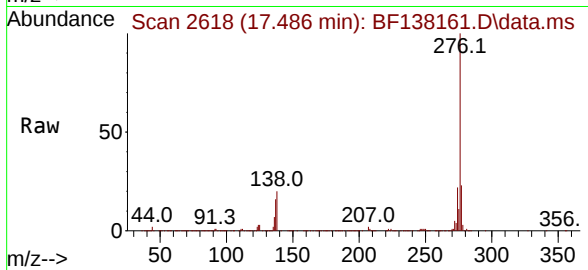
#92
 Benzo(g,h,i)perylene
 Concen: 29.480 ng
 RT: 17.486 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF138161.D
 Acq: 07 Jun 2024 15:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPOMS



Tgt Ion:276 Resp: 924020
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 19.8 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024

