

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136777.D
 Acq On : 28 Dec 2023 01:06
 Operator : CG\JU
 Sample : 05853-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-WALLMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 28 01:47:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	76355	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	292269	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	142604	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	234980	20.000	ng	0.00
76) Chrysene-d12	13.968	240	140585	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	152326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	398545	81.441	ng	0.00
7) Phenol-d6	6.434	99	499939	78.842	ng	0.00
23) Nitrobenzene-d5	7.345	82	314774	55.111	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	119072	70.898	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	630541	59.470	ng	-0.01
79) Terphenyl-d14	12.904	244	479981	47.712	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	69182	33.930	ng	100
3) Pyridine	3.363	79	166413	33.450	ng	97
4) n-Nitrosodimethylamine	3.328	42	101725	38.290	ng	99
6) Aniline	6.451	93	172117	27.149	ng	# 35
8) 2-Chlorophenol	6.575	128	212866	39.749	ng	95
9) Benzaldehyde	6.340	77	55639	15.426	ng	96
10) Phenol	6.445	94	258302	38.159	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	201067	39.059	ng	100
12) 1,3-Dichlorobenzene	6.728	146	220796	37.794	ng	95
13) 1,4-Dichlorobenzene	6.804	146	224571	37.621	ng	97
14) 1,2-Dichlorobenzene	6.951	146	213925	38.514	ng	98
15) Benzyl Alcohol	6.934	79	176592	41.280	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	322882	38.364	ng	99
17) 2-Methylphenol	7.045	107	170043	38.328	ng	99
18) Hexachloroethane	7.292	117	79877	36.846	ng	# 89
19) n-Nitroso-di-n-propyla...	7.198	70	149131	38.797	ng	97
20) 3+4-Methylphenols	7.198	107	210442	37.968	ng	# 87
22) Acetophenone	7.192	105	299102	40.829	ng	# 92
24) Nitrobenzene	7.369	77	216107	37.771	ng	96
25) Isophorone	7.604	82	404278	38.900	ng	100
26) 2-Nitrophenol	7.681	139	103058	37.648	ng	97
27) 2,4-Dimethylphenol	7.722	122	164707	49.422	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	250887	39.714	ng	98
29) 2,4-Dichlorophenol	7.928	162	169831	39.583	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	187471	39.216	ng	98
31) Naphthalene	8.086	128	620012	38.614	ng	100
32) Benzoic acid	7.834	122	69311m	21.495	ng	
33) 4-Chloroaniline	8.134	127	90225	15.219	ng	98
34) Hexachlorobutadiene	8.198	225	107944	37.165	ng	99
35) Caprolactam	8.516	113	50308	35.543	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	185472	38.399	ng	97
37) 2-Methylnaphthalene	8.775	142	393486	38.079	ng	99
38) 1-Methylnaphthalene	8.875	142	378366	37.322	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	191373	43.333	ng	97
41) Hexachlorocyclopentadiene	8.928	237	52294	39.761	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	114628	40.472	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	115993	36.751	ng	96
46) 1,1'-Biphenyl	9.239	154	517794	43.270	ng	98
47) 2-Chloronaphthalene	9.269	162	371799	40.869	ng	97
48) 2-Nitroaniline	9.369	65	118055	41.441	ng	93
49) Acenaphthylene	9.680	152	600948	43.218	ng	99
50) Dimethylphthalate	9.545	163	442176	42.451	ng	99
51) 2,6-Dinitrotoluene	9.610	165	94720	40.068	ng	# 86
52) Acenaphthene	9.857	154	348179	40.395	ng	99
53) 3-Nitroaniline	9.780	138	82376	32.895	ng	96
54) 2,4-Dinitrophenol	9.892	184	12537	12.857	ng	# 84
55) Dibenzofuran	10.028	168	533443	40.827	ng	97
56) 4-Nitrophenol	9.957	139	103138	61.012	ng	99
57) 2,4-Dinitrotoluene	10.016	165	116816	38.065	ng	98
58) Fluorene	10.369	166	414165	39.949	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	83959	34.557	ng	99
60) Diethylphthalate	10.245	149	446952	41.356	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	197874	39.267	ng	96
62) 4-Nitroaniline	10.398	138	83350m	34.527	ng	
63) Azobenzene	10.522	77	390829	38.718	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	12505	9.286	ng	92
66) n-Nitrosodiphenylamine	10.486	169	360568	47.237	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	118260	45.317	ng	94
68) Hexachlorobenzene	10.922	284	122419	42.095	ng	98
69) Atrazine	11.016	200	112188	57.463	ng	98
70) Pentachlorophenol	11.122	266	86197	63.588	ng	99
71) Phenanthrene	11.339	178	624654	51.808	ng	99
72) Anthracene	11.386	178	539119	44.152	ng	99
73) Carbazole	11.545	167	457958	39.780	ng	100
74) Di-n-butylphthalate	11.880	149	642712	45.752	ng	99
75) Fluoranthene	12.533	202	622862	48.296	ng	99
77) Benzidine	12.657	184	102369	24.695	ng	99
78) Pyrene	12.763	202	603733	43.746	ng	100
80) Butylbenzylphthalate	13.386	149	209830	41.785	ng	96
81) Benzo(a)anthracene	13.957	228	484711	49.652	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	122459	44.172	ng	96
83) Chrysene	13.998	228	456994	47.871	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	294508	46.612	ng	98
85) Di-n-octyl phthalate	14.563	149	525468	53.765	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	367789	33.441	ng	98
88) Benzo(b)fluoranthene	15.015	252	521749	51.283	ng	99
89) Benzo(k)fluoranthene	15.045	252	381088	39.641	ng	98
90) Benzo(a)pyrene	15.386	252	398928	46.452	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	289255	32.058	ng	98
92) Benzo(g,h,i)perylene	17.409	276	275960	29.861	ng	98

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

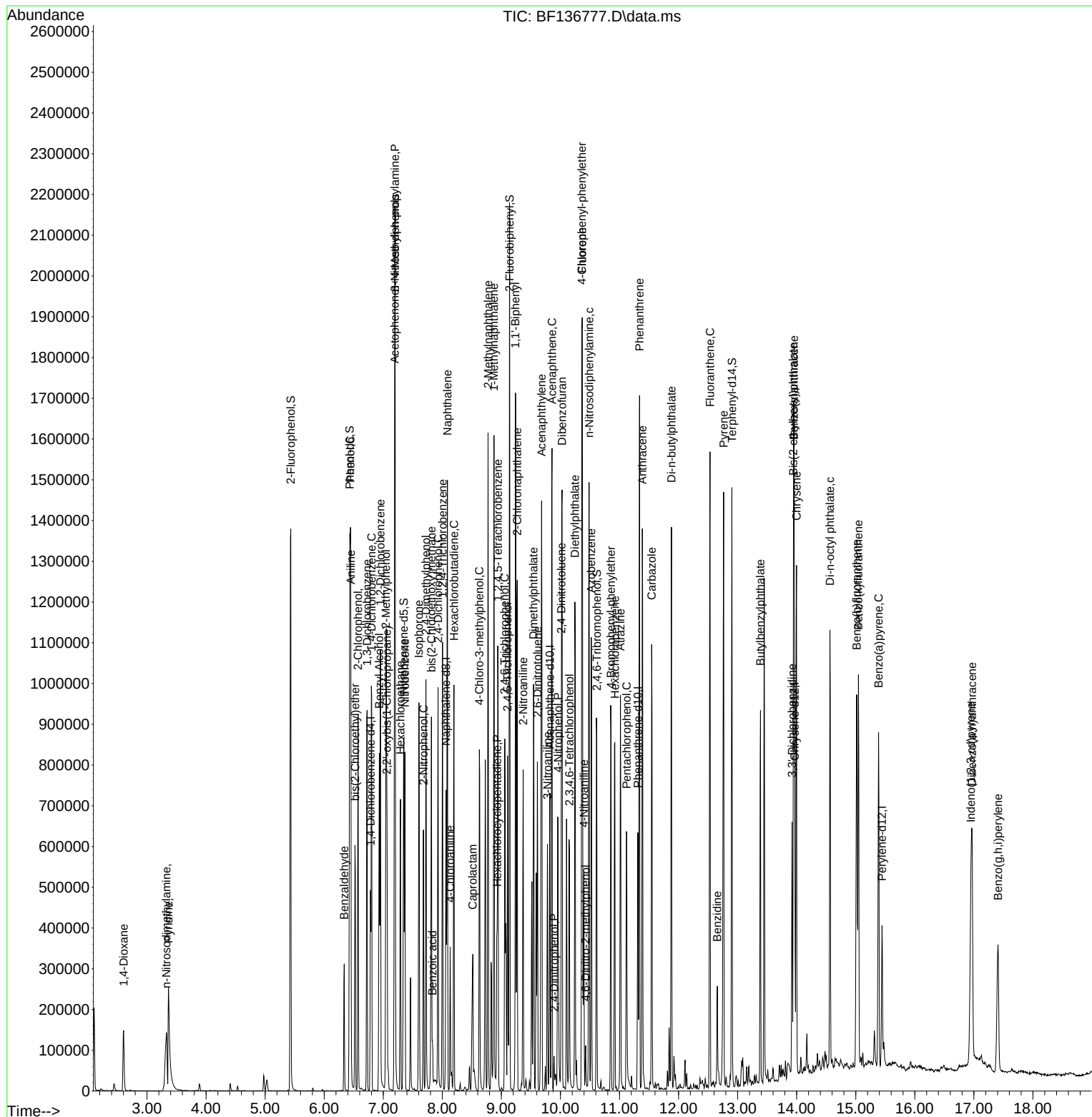
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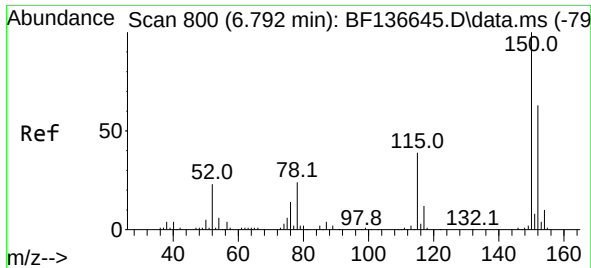
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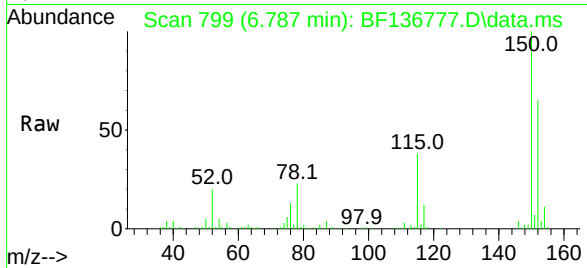
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

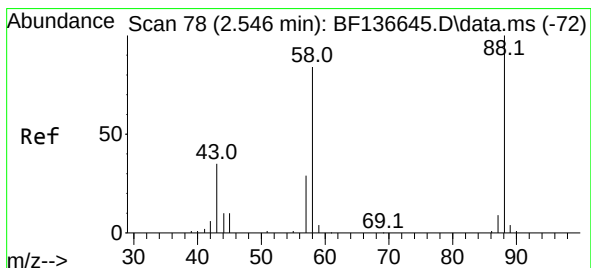
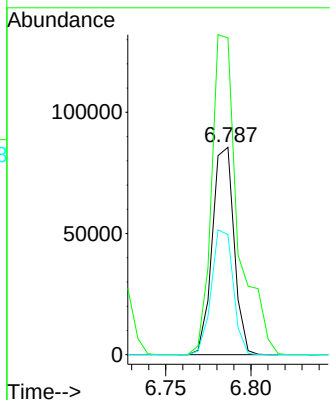
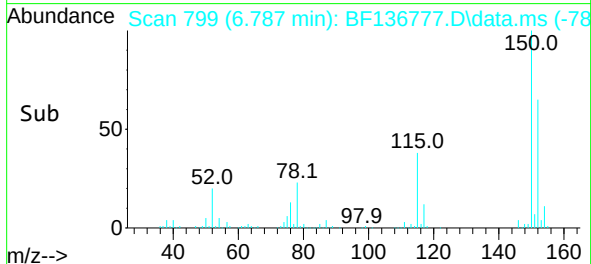
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Client Sample Id :
EAST-WALLMS



Tgt Ion: 152 Resp: 7635
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.6
115 57.9 49.0 73.4

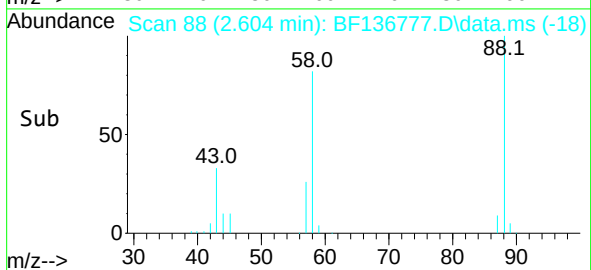
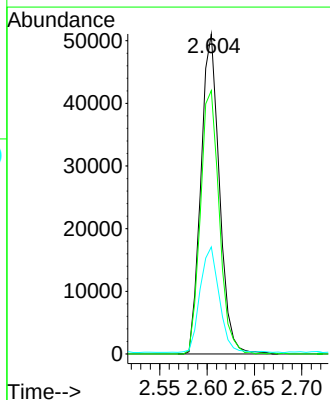
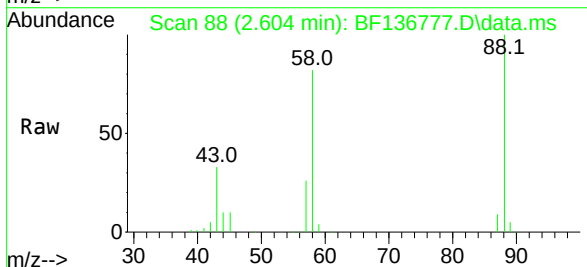
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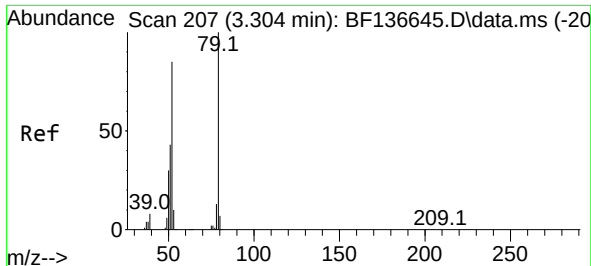
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#2
1,4-Dioxane
Concen: 33.930 ng
RT: 2.604 min Scan# 88
Delta R.T. 0.059 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

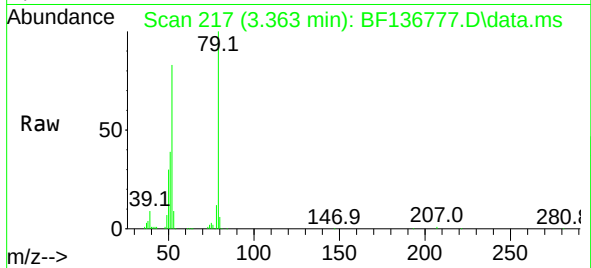
Tgt Ion: 88 Resp: 69182
Ion Ratio Lower Upper
88 100
58 83.8 67.4 101.0
43 34.4 27.7 41.5





#3
Pyridine
Concen: 33.450 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

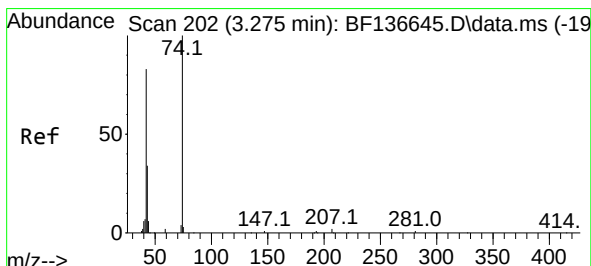
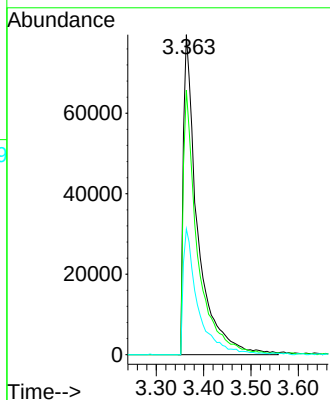
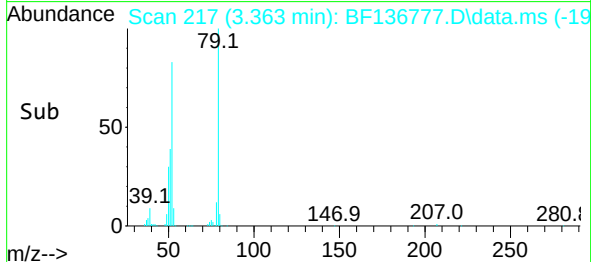
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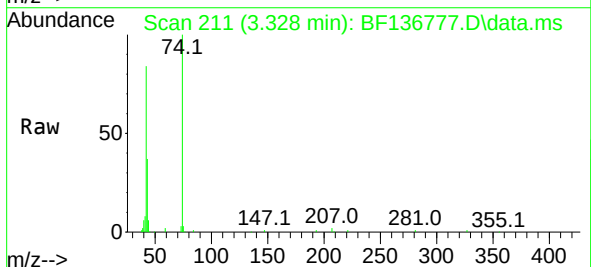
Tgt Ion: 79 Resp: 16641
Ion Ratio Lower Upper
79 100
52 82.7 67.7 101.5
51 39.3 34.0 51.0

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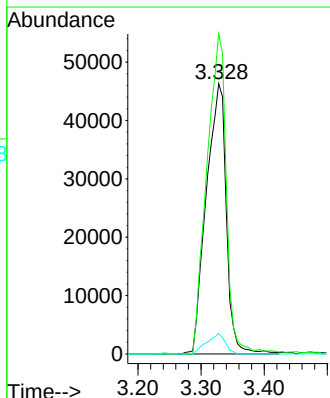
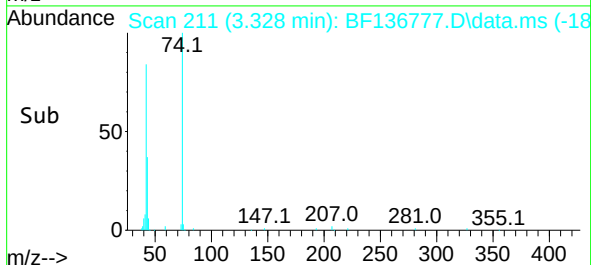
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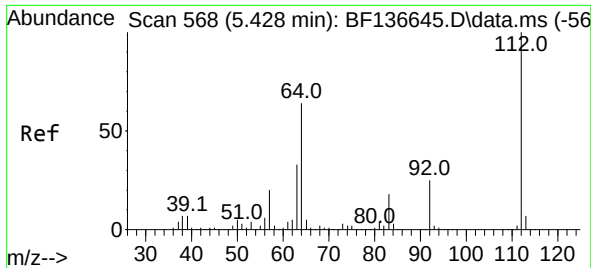


#4
n-Nitrosodimethylamine
Concen: 38.290 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion: 42 Resp: 101725
Ion Ratio Lower Upper
42 100
74 118.4 96.0 144.0
44 7.5 5.4 8.2





#5
2-Fluorophenol
Concen: 81.441 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

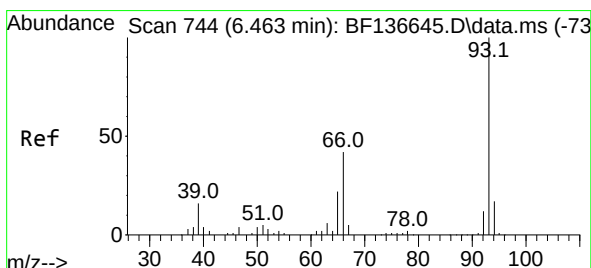
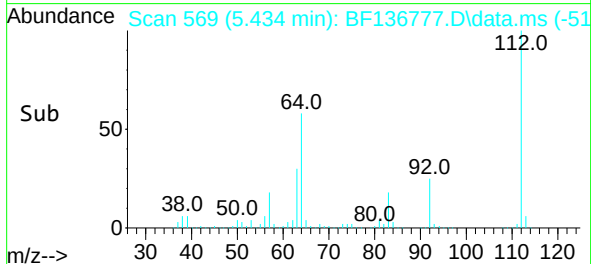
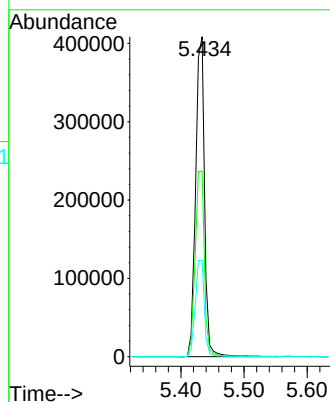
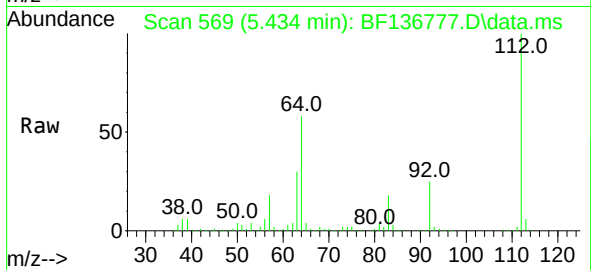
EAST-WALLMS

Tgt Ion:112 Resp: 39854
Ion Ratio Lower Upper
112 100
64 58.0 51.1 76.7
63 30.1 26.1 39.1

Manual Integrations

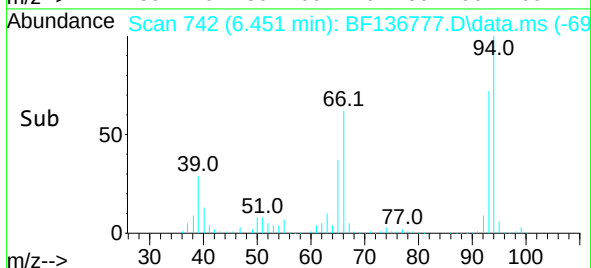
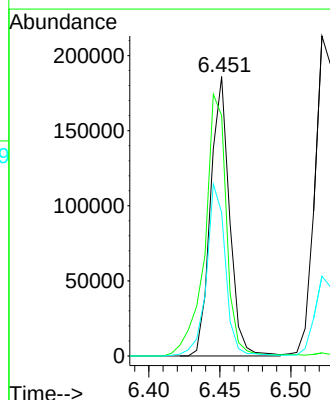
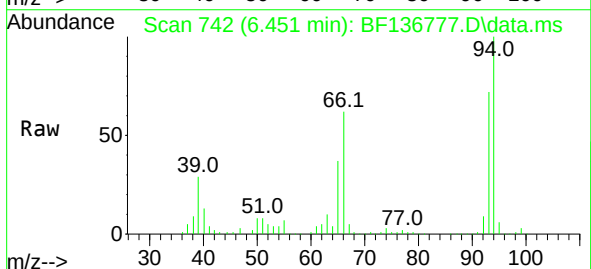
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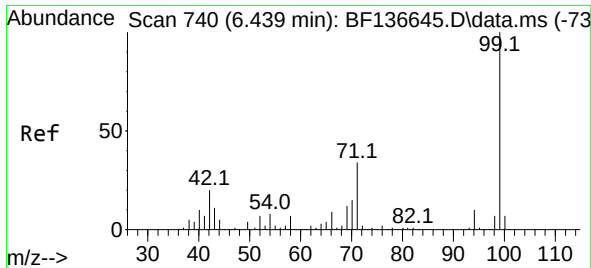
Reviewed By :Yogesh Patel 12/28/2023
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#6
Aniline
Concen: 27.149 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136777.D
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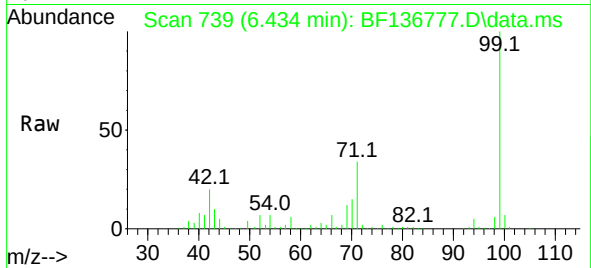
Tgt Ion: 93 Resp: 172117
Ion Ratio Lower Upper
93 100
66 86.1 34.6 51.8#
65 51.4 17.8 26.8#





#7
Phenol-d6
Concen: 78.842 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

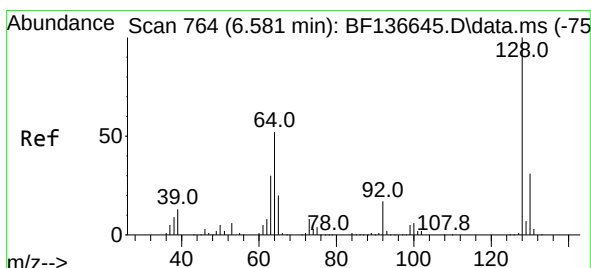
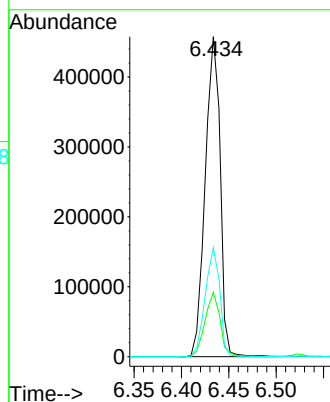
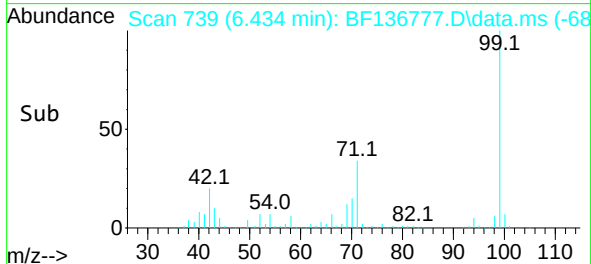
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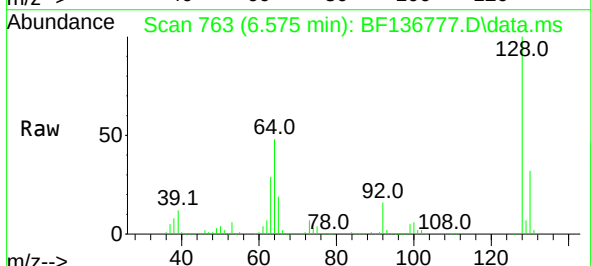
Tgt Ion: 99 Resp: 499939
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 34.0 27.4 41.2

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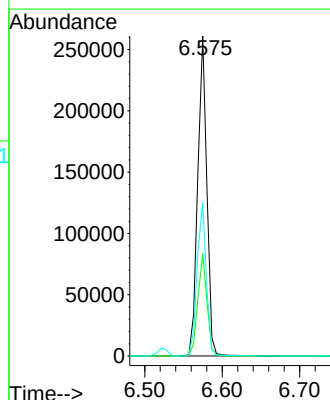
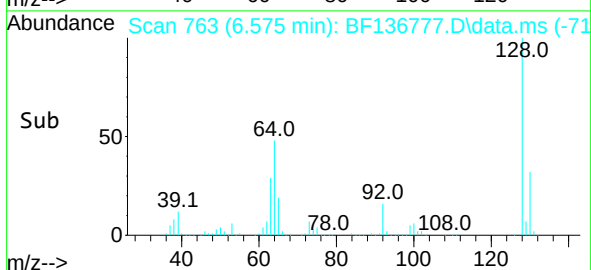
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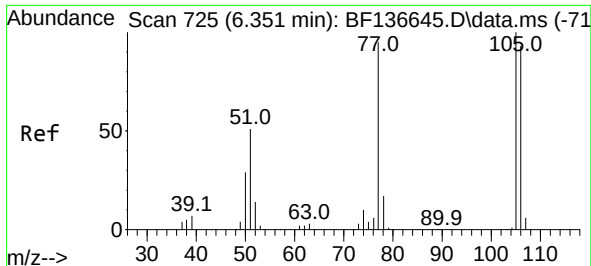


#8
2-Chlorophenol
Concen: 39.749 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



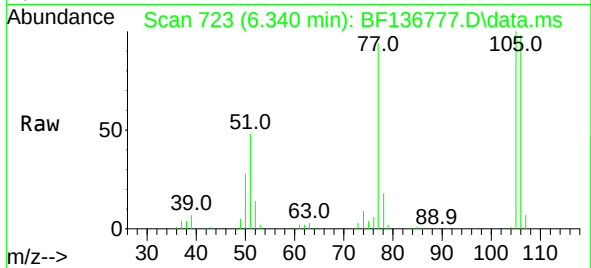
Tgt Ion:128 Resp: 212866
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 47.9 32.5 72.5





#9
Benzaldehyde
Concen: 15.426 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136777.D
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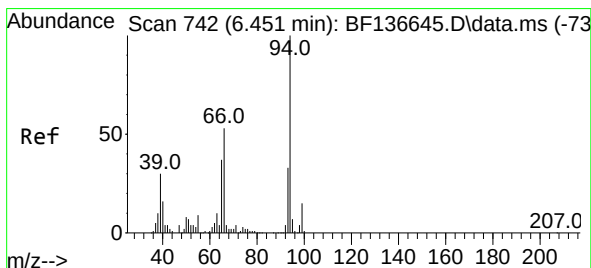
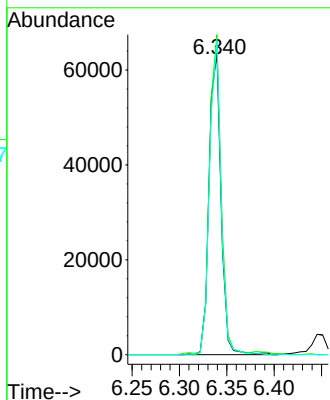
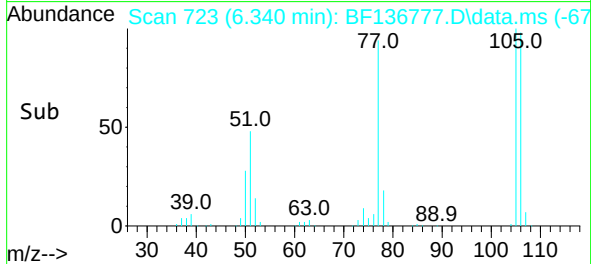
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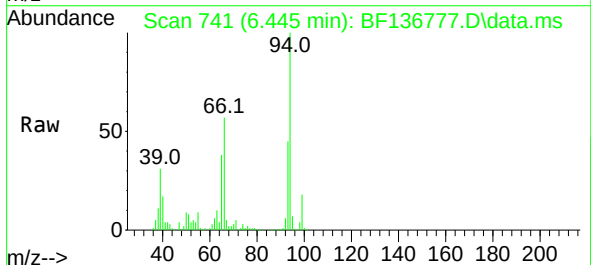
Tgt Ion: 77 Resp: 55639
Ion Ratio Lower Upper
77 100
105 106.4 84.8 124.8
106 104.3 77.8 117.8

Manual Integrations
APPROVED

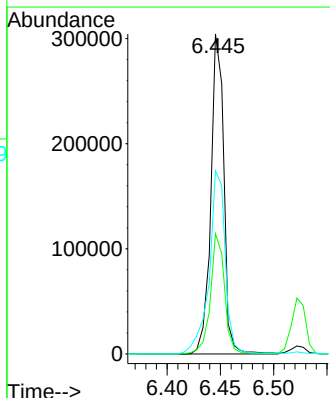
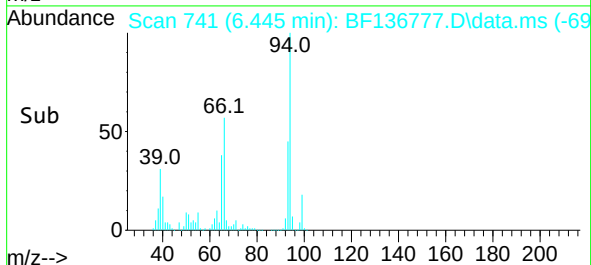
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

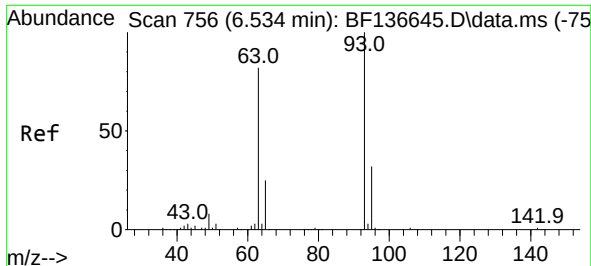


#10
Phenol
Concen: 38.159 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



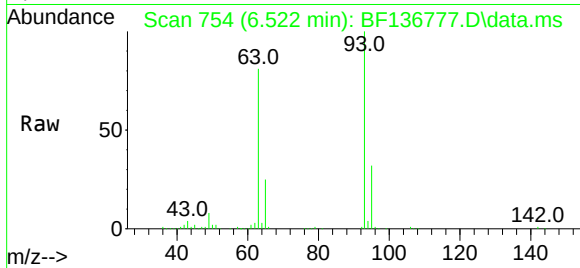
Tgt Ion: 94 Resp: 258302
Ion Ratio Lower Upper
94 100
65 37.6 16.6 56.6
66 57.3 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 39.059 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

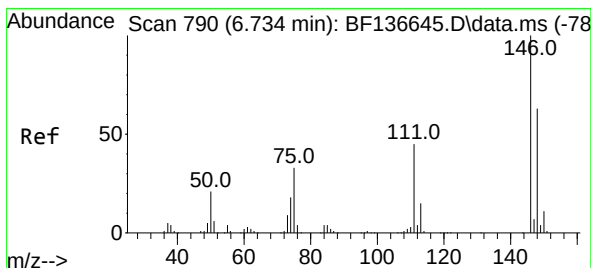
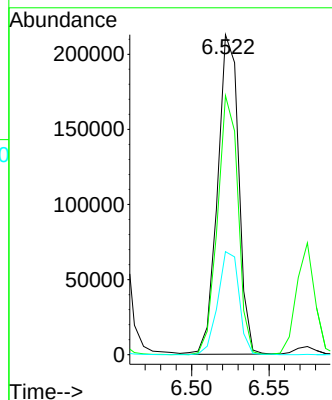
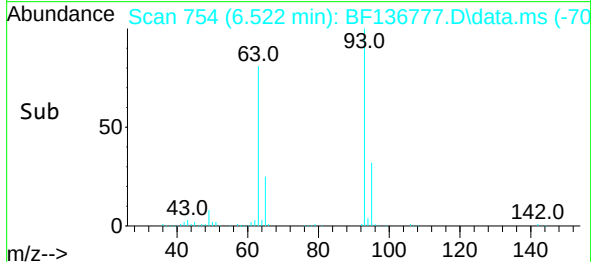
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



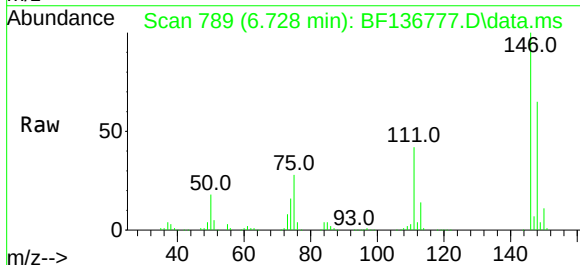
Tgt Ion: 93 Resp: 20106
Ion Ratio Lower Upper
93 100
63 81.0 61.2 101.2
95 32.2 11.6 51.6

Manual Integrations
APPROVED

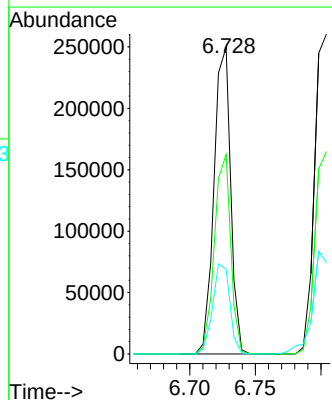
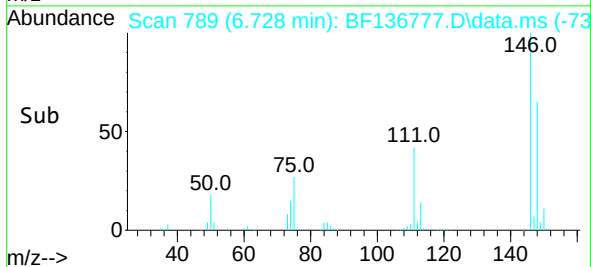
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

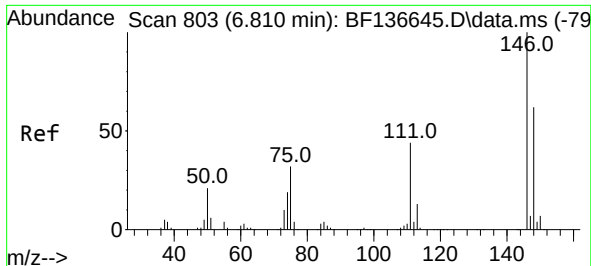


#12
1,3-Dichlorobenzene
Concen: 37.794 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



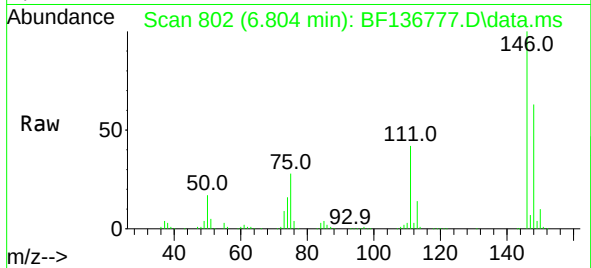
Tgt Ion:146 Resp: 220796
Ion Ratio Lower Upper
146 100
148 65.0 50.5 75.7
75 27.6 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 37.621 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

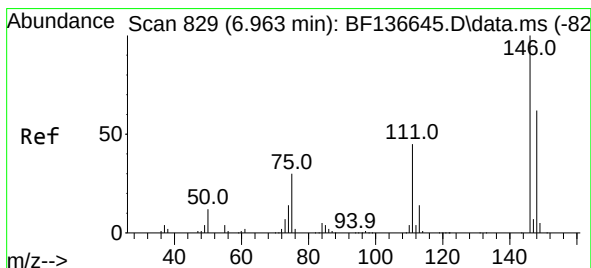
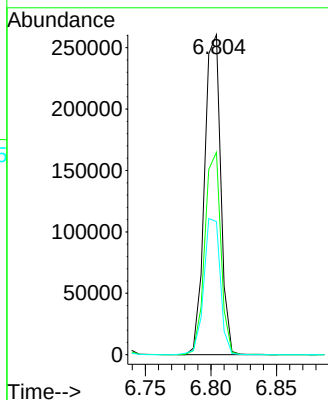
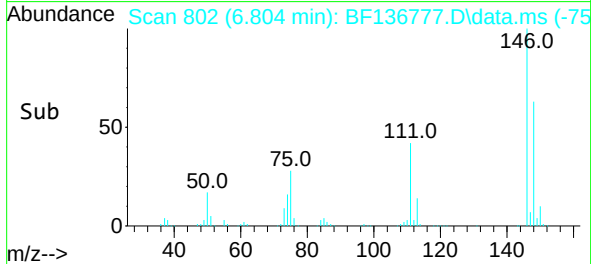
Instrument :
BNA_F
Client SampleId :
EAST-WALLMS



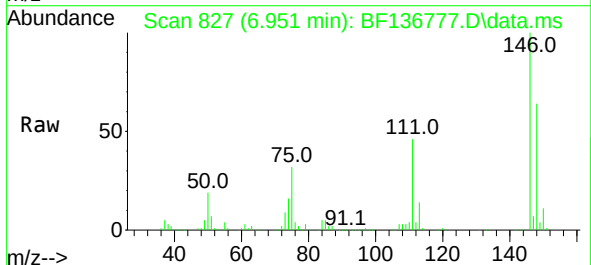
Tgt Ion:146 Resp: 22457
Ion Ratio Lower Upper
146 100
148 63.3 49.2 73.8
111 41.6 35.2 52.8

Manual Integrations
APPROVED

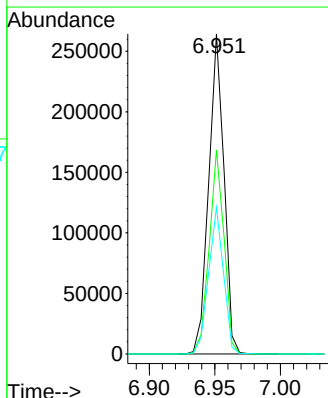
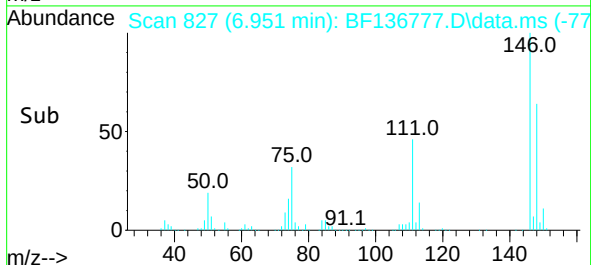
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

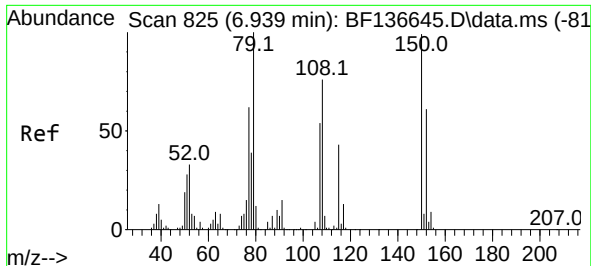


#14
1,2-Dichlorobenzene
Concen: 38.514 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



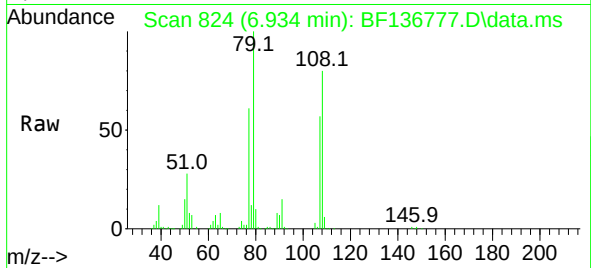
Tgt Ion:146 Resp: 213925
Ion Ratio Lower Upper
146 100
148 63.7 49.6 74.4
111 45.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 41.280 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

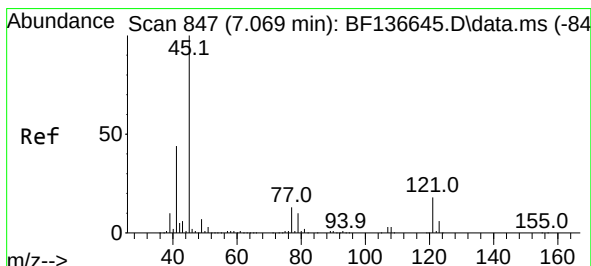
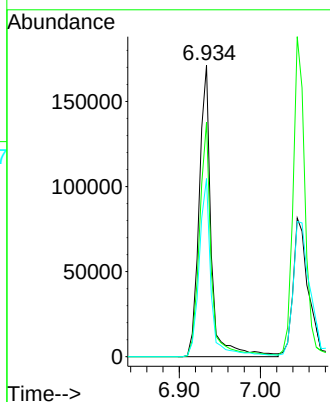
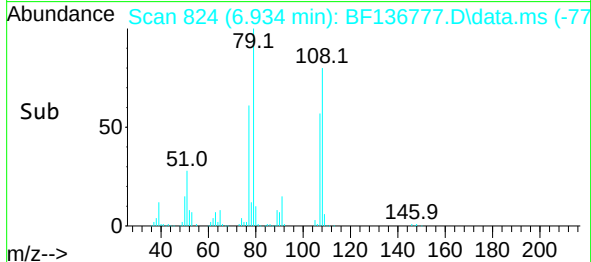
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion: 79 Resp: 176592
Ion Ratio Lower Upper
79 100
108 80.4 61.0 91.6
77 61.1 49.8 74.8

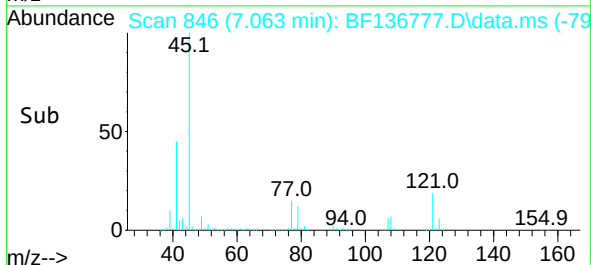
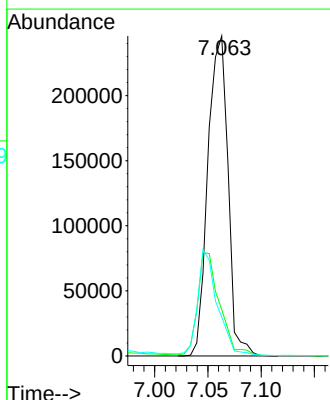
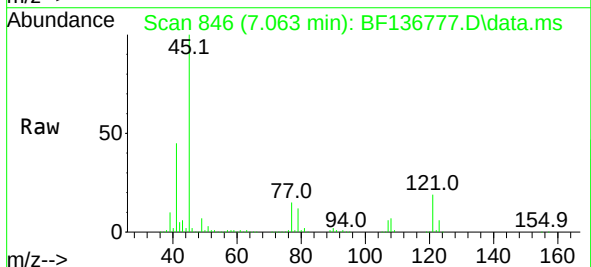
Manual Integrations
APPROVED

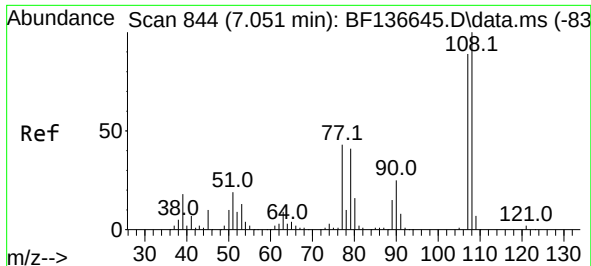
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.364 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion: 45 Resp: 322882
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.3
79 12.1 0.0 31.4





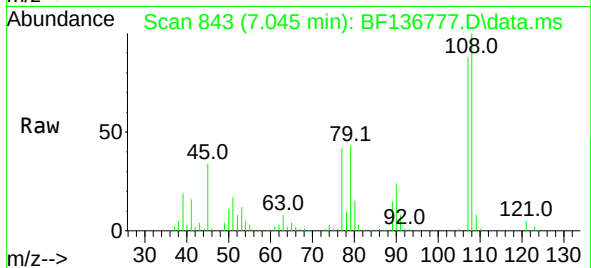
#17
2-Methylphenol
Concen: 38.328 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

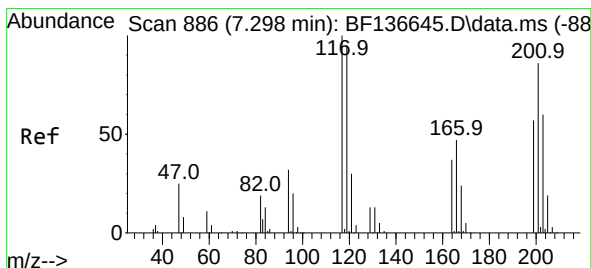
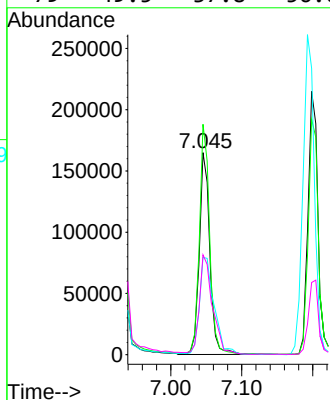
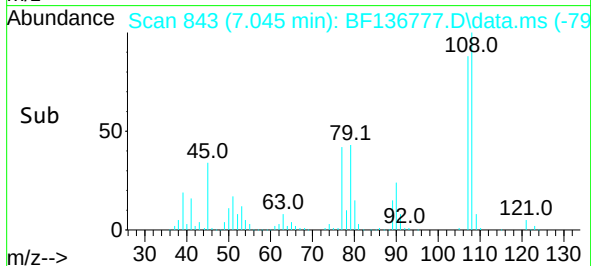


Tgt Ion:107 Resp: 170043
Ion Ratio Lower Upper
107 100
108 114.0 90.3 135.5
77 48.2 38.7 58.1
79 49.5 37.8 56.6

Manual Integrations

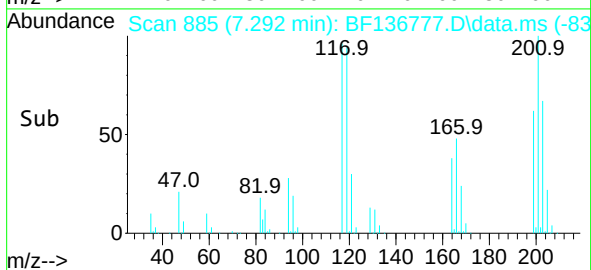
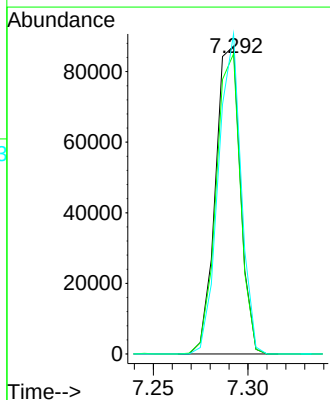
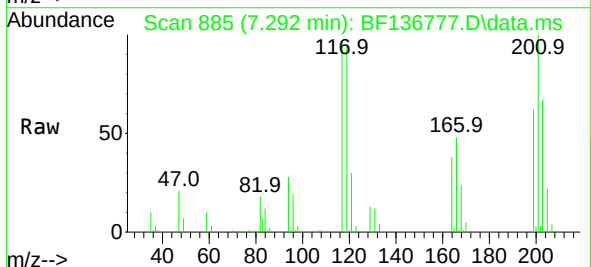
APPROVED

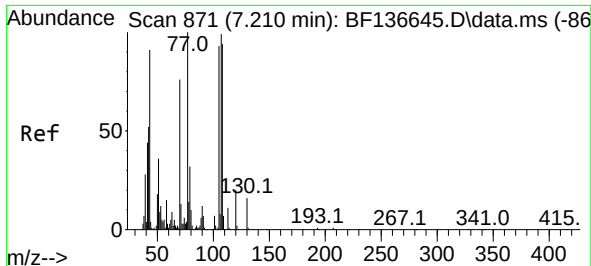
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#18
Hexachloroethane
Concen: 36.846 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:117 Resp: 79877
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6
201 104.0 69.1 103.7#





#19

n-Nitroso-di-n-propylamine

Concen: 38.797 ng

RT: 7.198 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136777.D

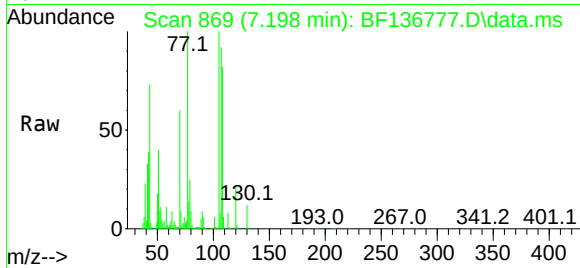
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS



Tgt Ion: 70 Resp: 14913

Ion Ratio Lower Upper

70 100

42 65.1 54.2 81.4

101 9.3 7.6 11.4

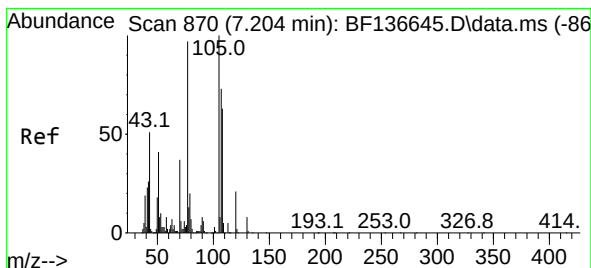
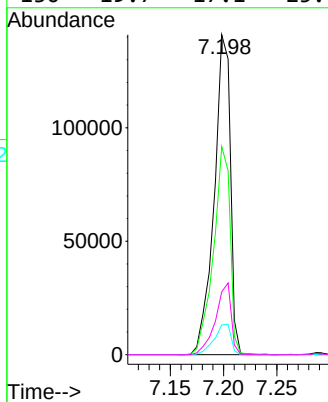
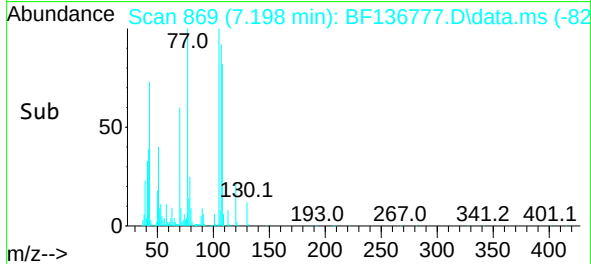
130 19.7 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#20

3+4-Methylphenols

Concen: 37.968 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Tgt Ion:107 Resp: 210442

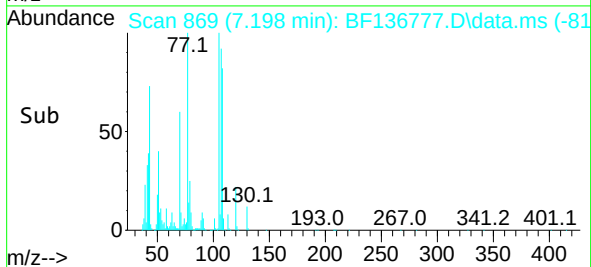
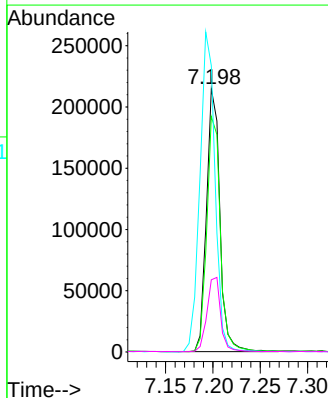
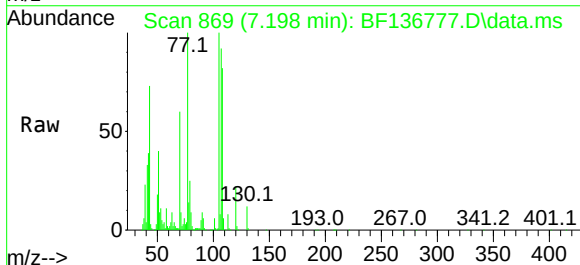
Ion Ratio Lower Upper

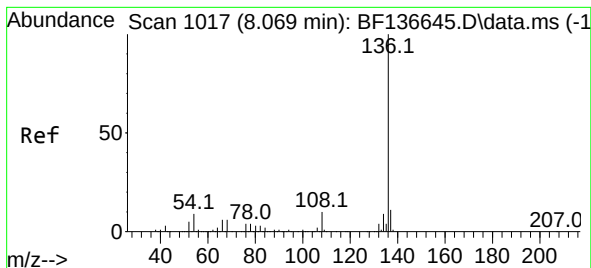
107 100

108 89.4 66.0 106.0

77 108.7 114.2 154.2#

79 27.4 7.2 47.2





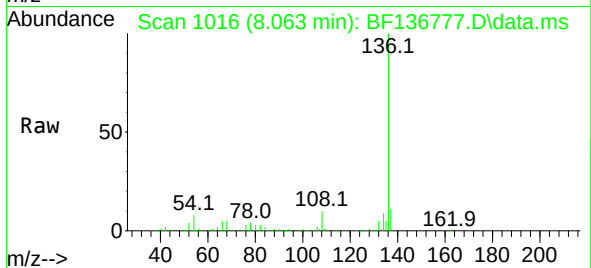
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

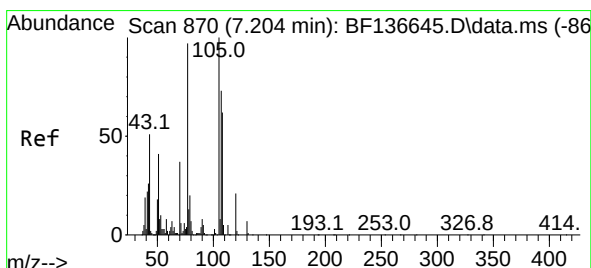
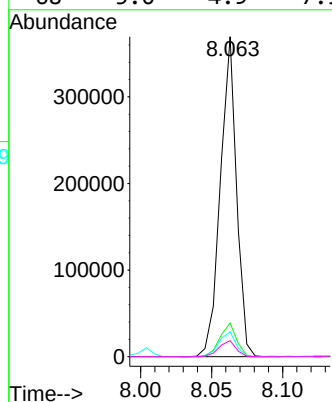
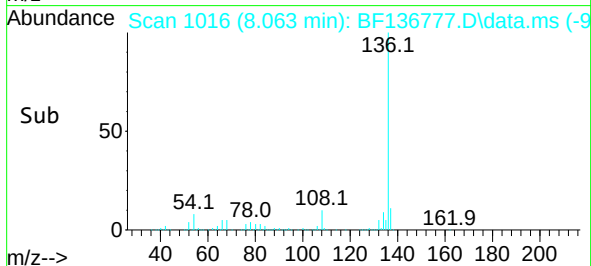


Tgt Ion:136 Resp: 292269
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.7 7.2 10.8
68 5.0 4.9 7.3

Manual Integrations

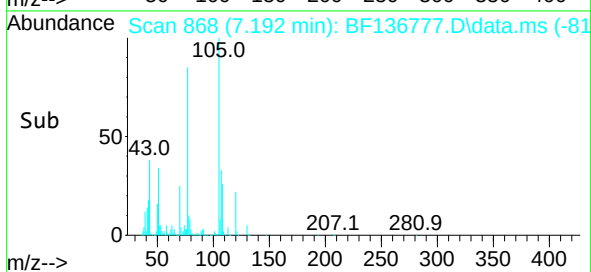
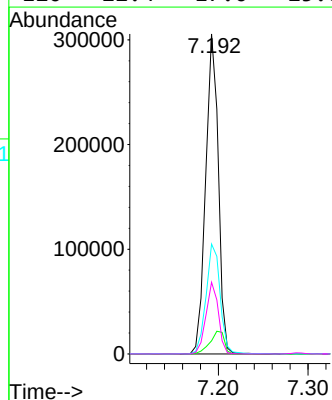
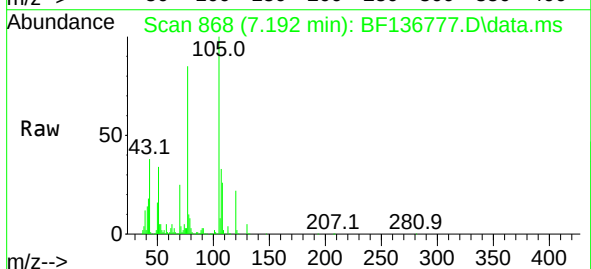
APPROVED

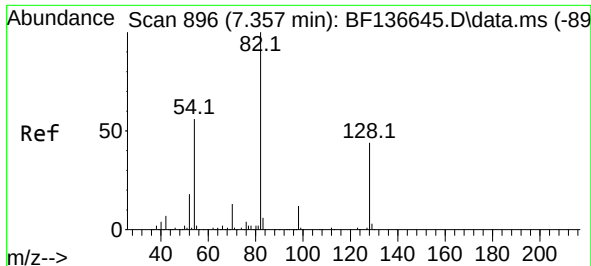
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#22
Acetophenone
Concen: 40.829 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:105 Resp: 299102
Ion Ratio Lower Upper
105 100
71 4.1 4.8 7.2#
51 34.3 32.8 49.2
120 22.4 17.0 25.6





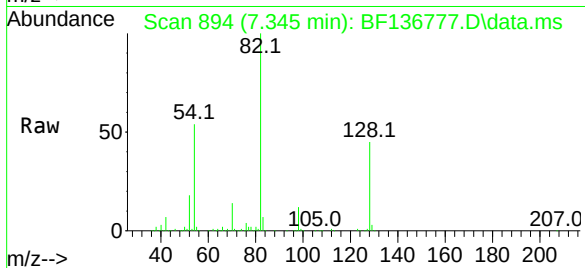
#23
Nitrobenzene-d5
Concen: 55.111 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

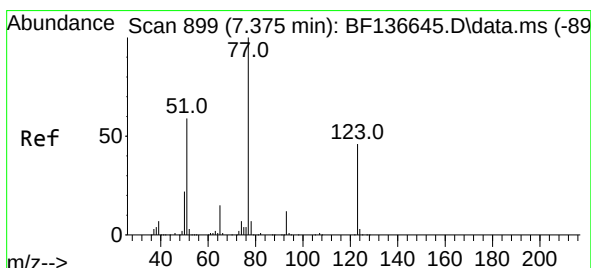
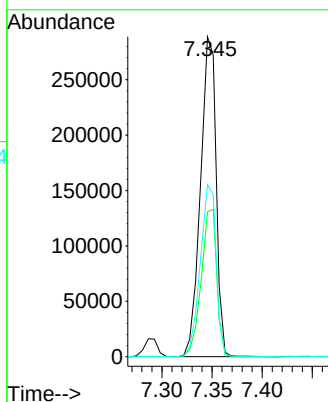
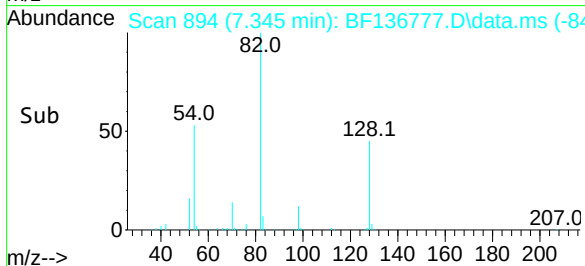


Tgt Ion: 82 Resp: 314774
Ion Ratio Lower Upper
82 100
128 45.2 35.3 52.9
54 53.8 44.5 66.7

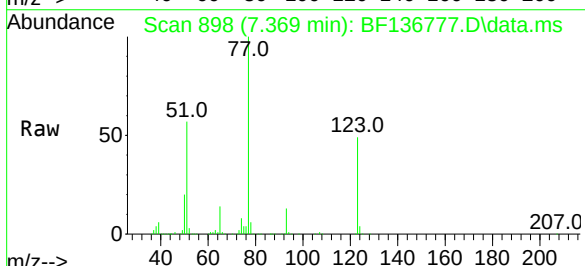
Manual Integrations

APPROVED

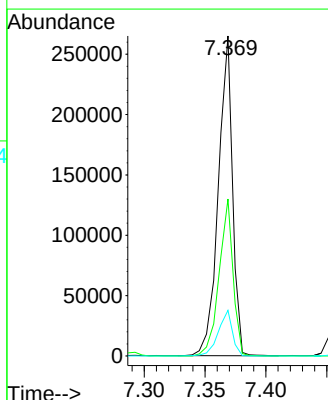
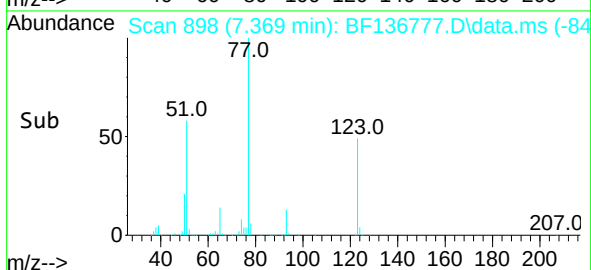
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

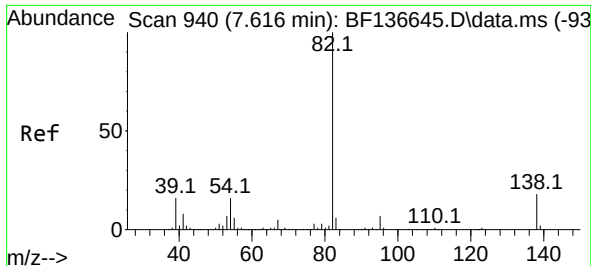


#24
Nitrobenzene
Concen: 37.771 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion: 77 Resp: 216107
Ion Ratio Lower Upper
77 100
123 49.1 36.7 55.1
65 14.3 11.8 17.6





#25
Isophorone
Concen: 38.900 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

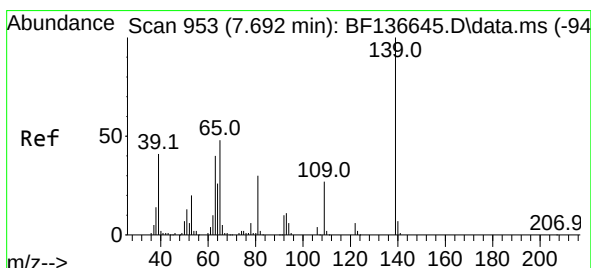
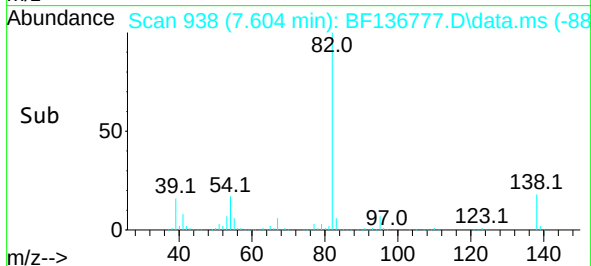
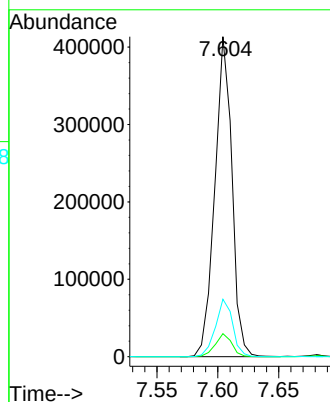
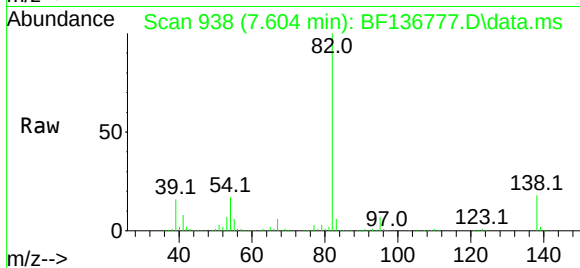
EAST-WALLMS

Tgt Ion: 82 Resp: 404278
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.0 14.5 21.7

Manual Integrations

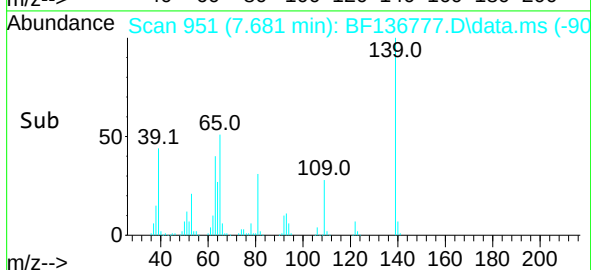
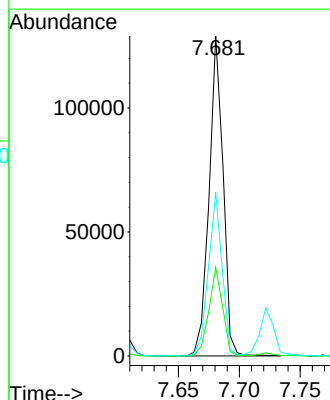
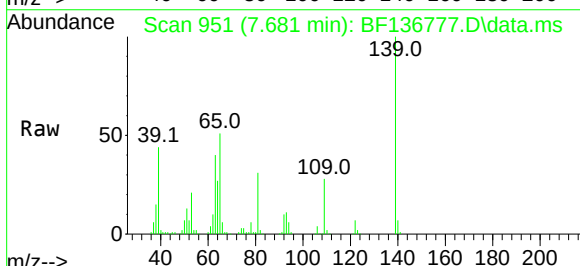
APPROVED

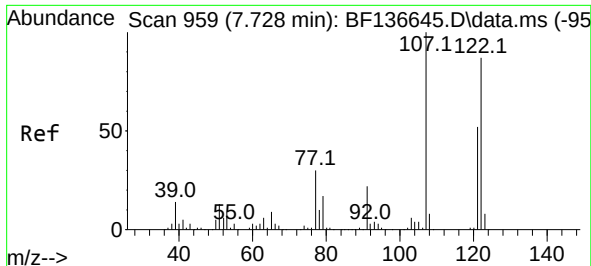
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#26
2-Nitrophenol
Concen: 37.648 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:139 Resp: 103058
Ion Ratio Lower Upper
139 100
109 27.7 21.9 32.9
65 51.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 49.422 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136777.D

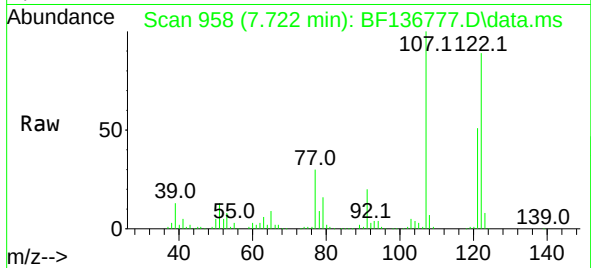
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS



Tgt Ion:122 Resp: 16470

Ion Ratio Lower Upper

122 100

107 113.0 92.0 138.0

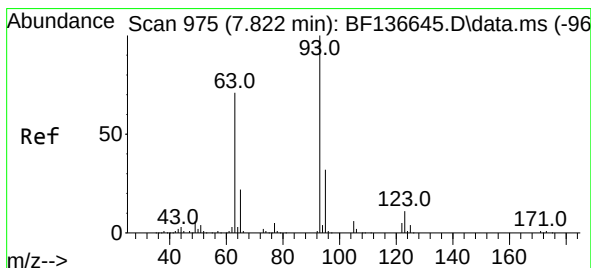
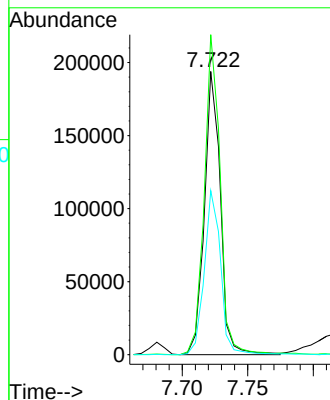
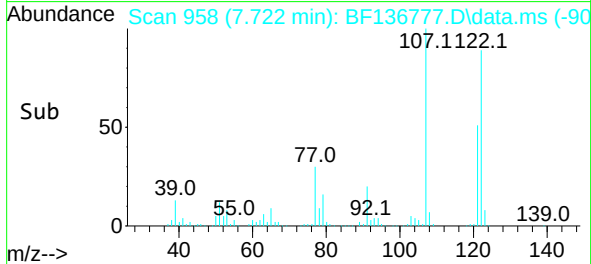
121 57.9 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.714 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

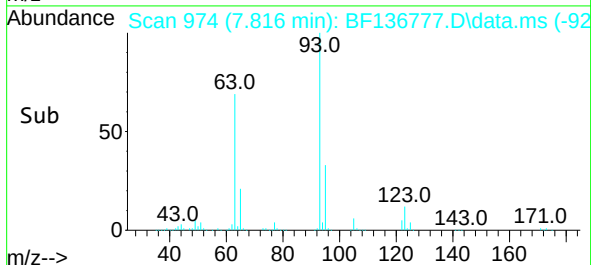
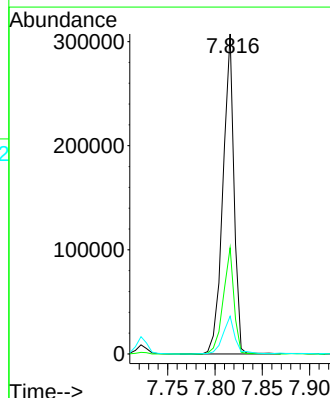
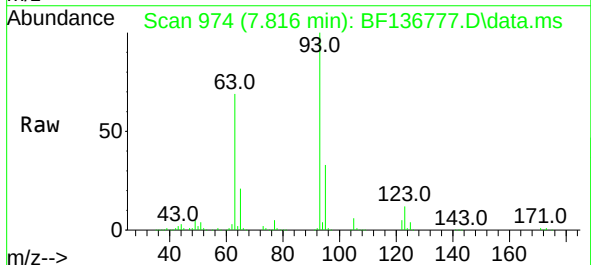
Tgt Ion: 93 Resp: 250887

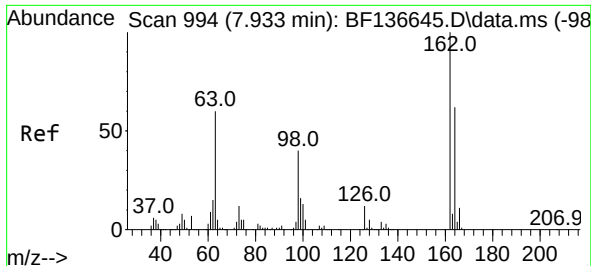
Ion Ratio Lower Upper

93 100

95 33.2 25.5 38.3

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.583 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

Tgt Ion:162 Resp: 16983

Ion Ratio Lower Upper

162 100

164 61.4 41.7 81.7

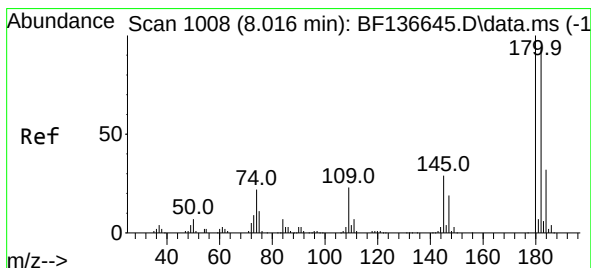
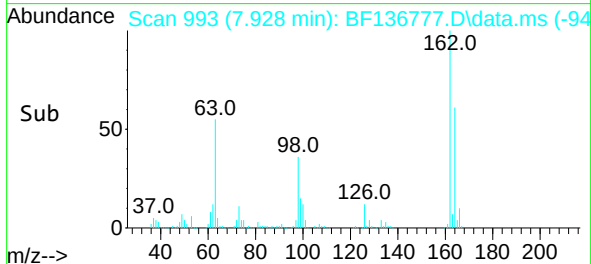
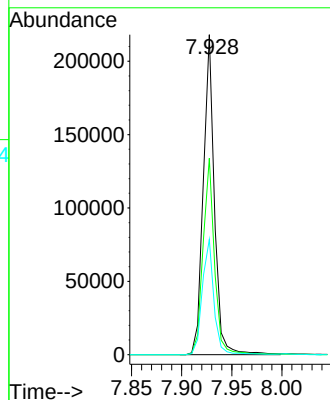
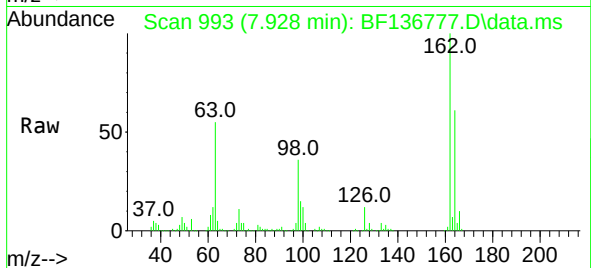
98 36.0 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.216 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

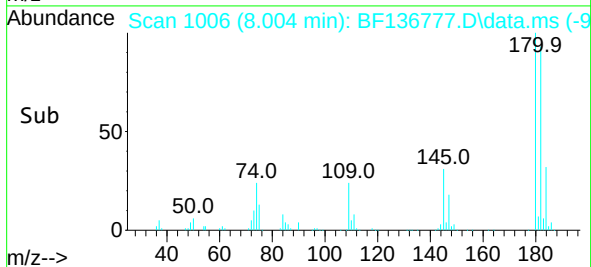
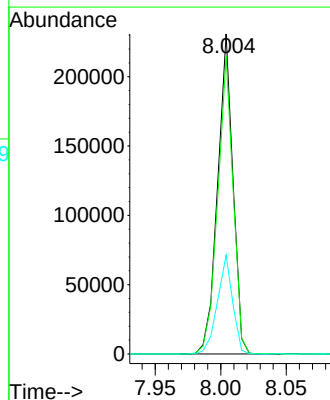
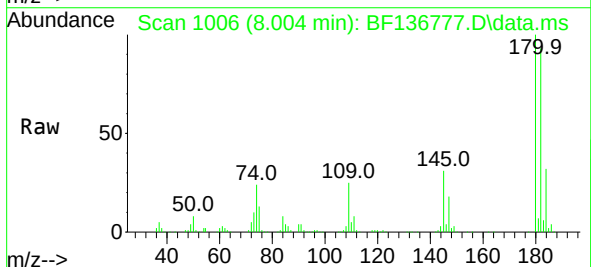
Tgt Ion:180 Resp: 187471

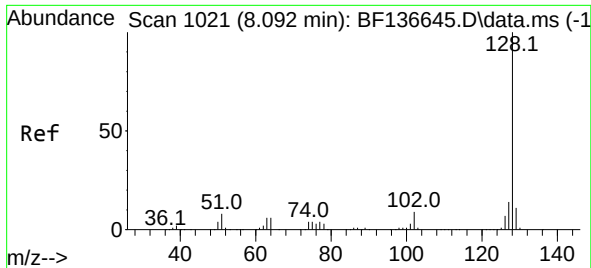
Ion Ratio Lower Upper

180 100

182 93.1 75.4 113.0

145 30.9 23.1 34.7





#31
Naphthalene
Concen: 38.614 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

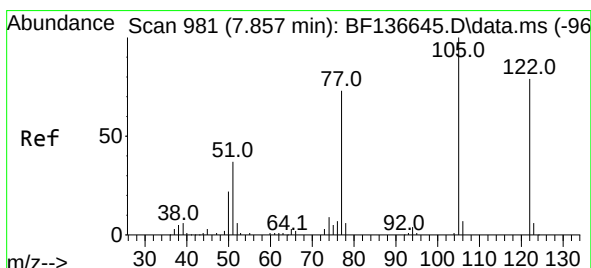
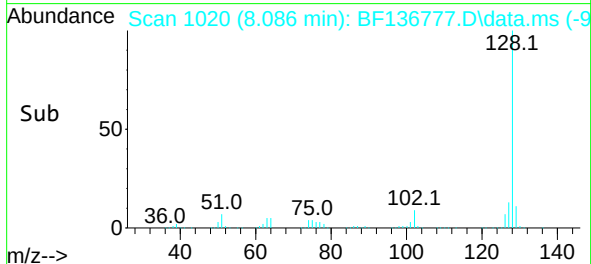
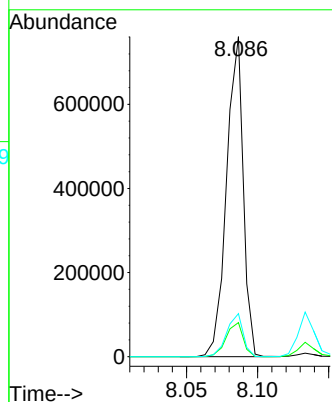
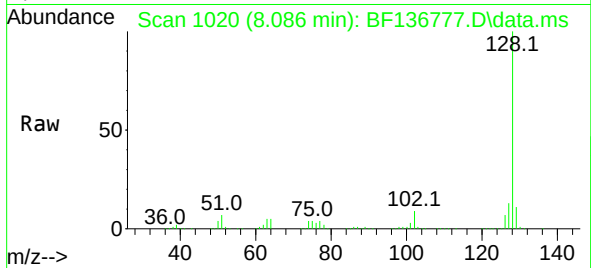
EAST-WALLMS

Tgt Ion:128 Resp: 62001
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.5 10.8 16.2

Manual Integrations

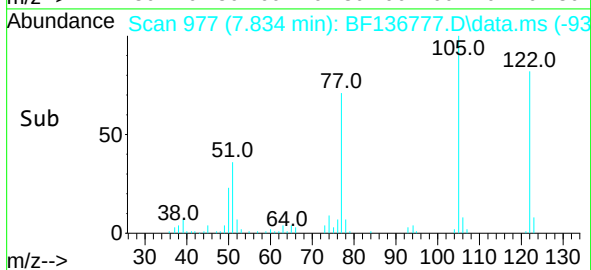
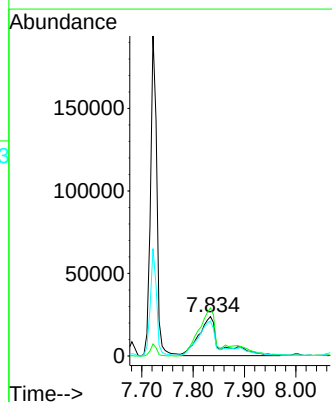
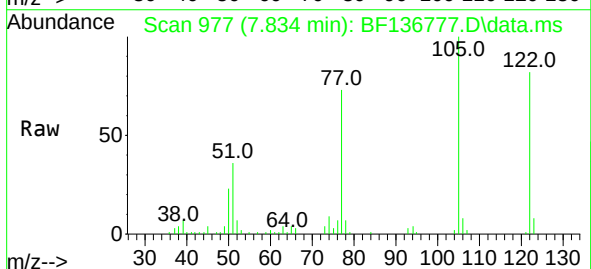
APPROVED

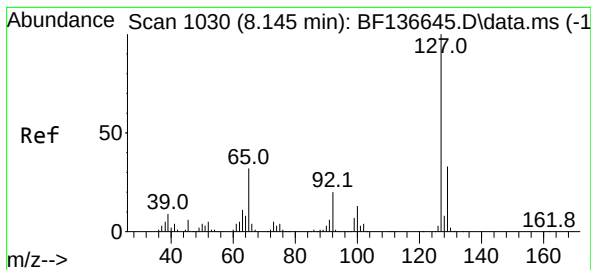
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 21.495 ng m
RT: 7.834 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:122 Resp: 69311
Ion Ratio Lower Upper
122 100
105 122.0 100.8 140.8
77 88.5 70.9 110.9





#33

4-Chloroaniline

Concen: 15.219 ng

RT: 8.134 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

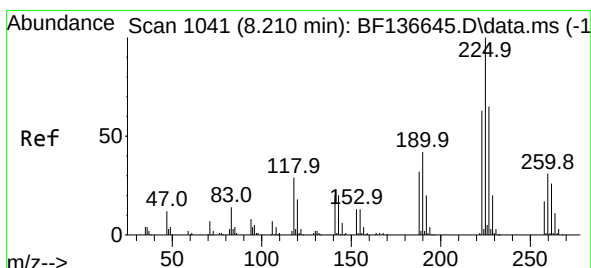
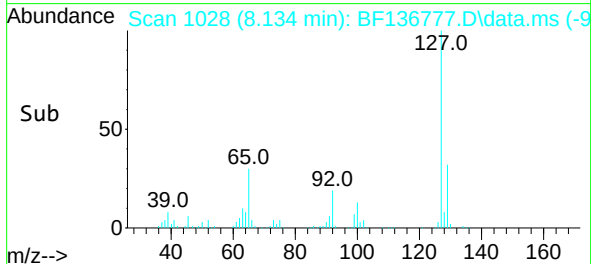
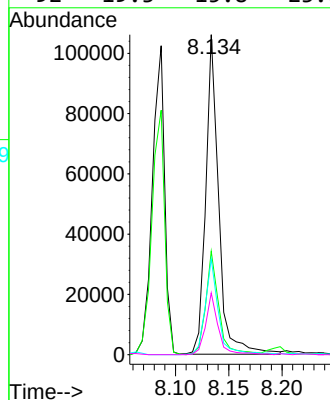
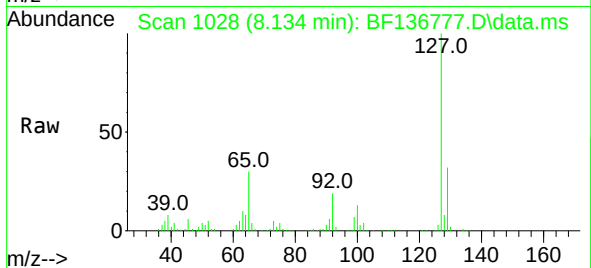
Tgt Ion:	127	Resp:	90225
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.3	39.5
65	30.0	25.8	38.8
92	19.3	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#34

Hexachlorobutadiene

Concen: 37.165 ng

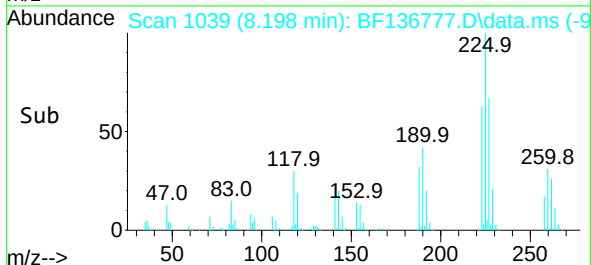
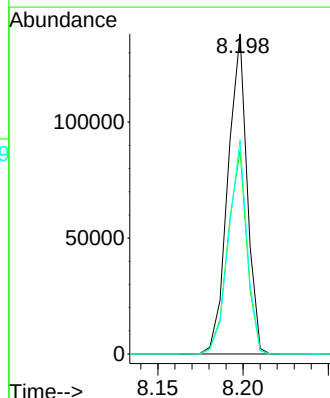
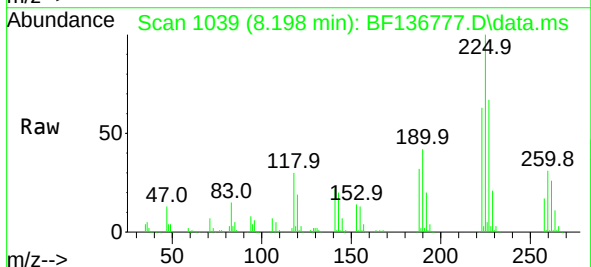
RT: 8.198 min Scan# 1039

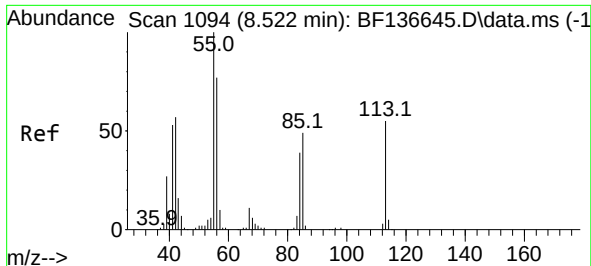
Delta R.T. -0.012 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Tgt Ion:	225	Resp:	107944
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	66.8	51.9	77.9





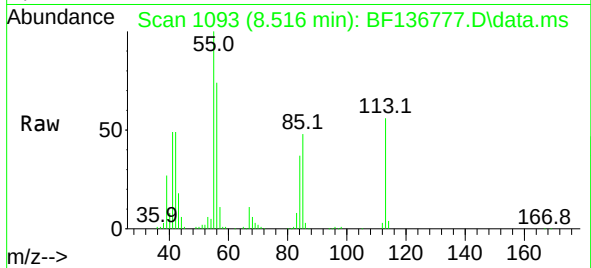
#35
Caprolactam
Concen: 35.543 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

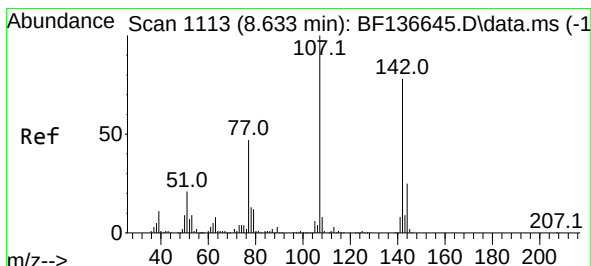
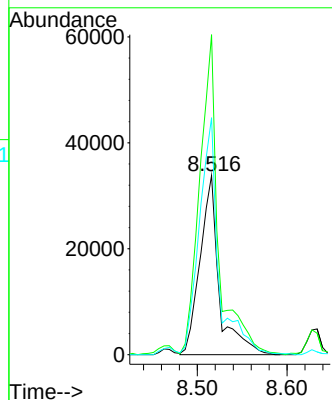
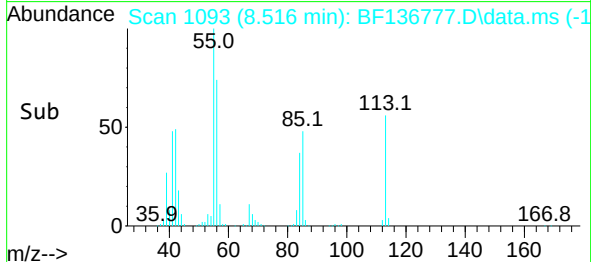


Tgt Ion:113 Resp: 50308
Ion Ratio Lower Upper
113 100
55 178.6 163.1 203.1
56 132.3 121.7 161.7

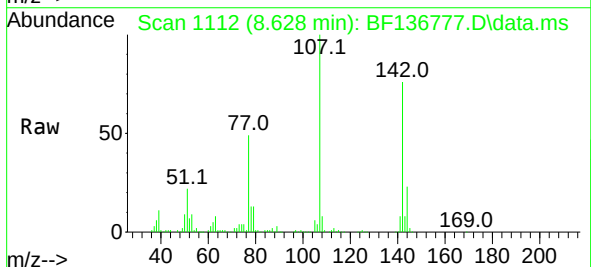
Manual Integrations

APPROVED

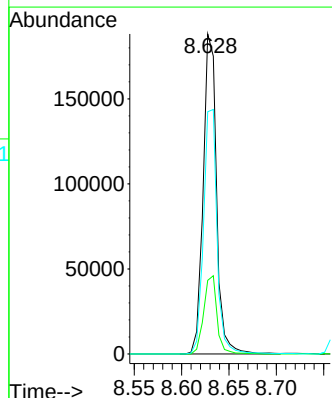
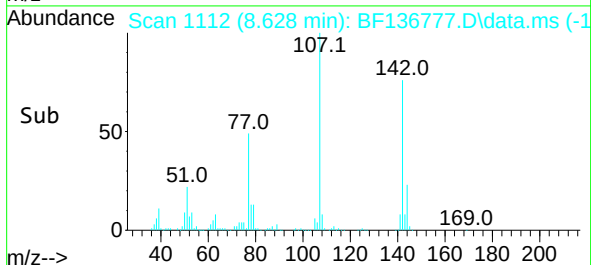
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

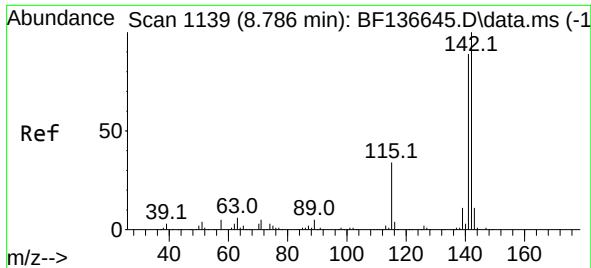


#36
4-Chloro-3-methylphenol
Concen: 38.399 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion:107 Resp: 185472
Ion Ratio Lower Upper
107 100
144 23.0 20.2 30.2
142 75.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.079 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

Tgt Ion:142 Resp: 393480

Ion Ratio Lower Upper

142 100

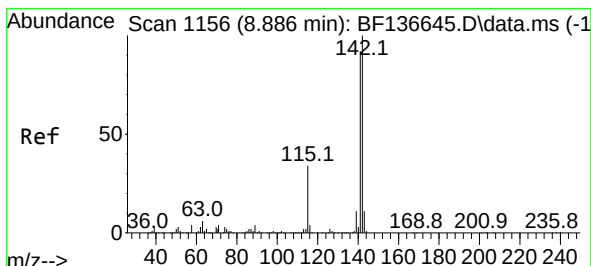
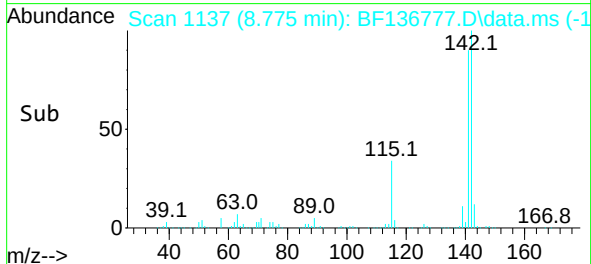
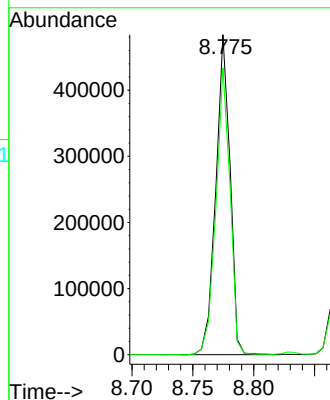
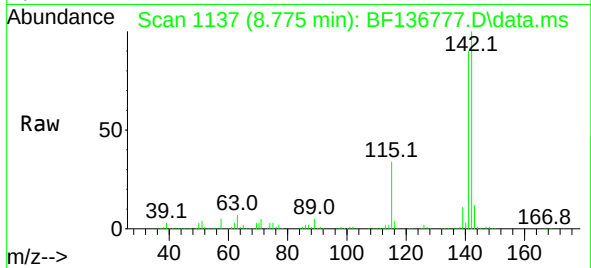
141 89.6 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#38

1-Methylnaphthalene

Concen: 37.322 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136777.D

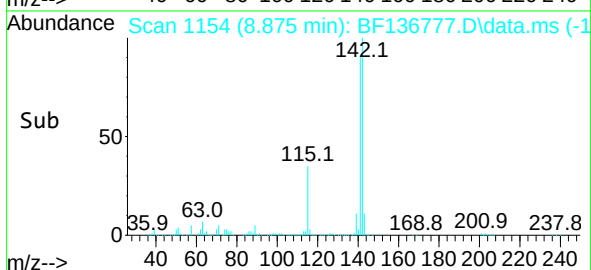
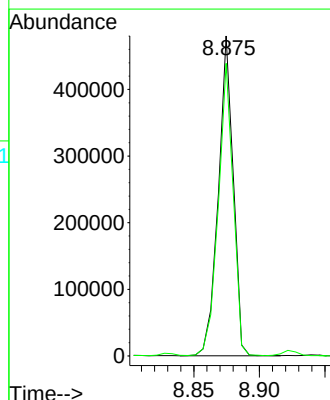
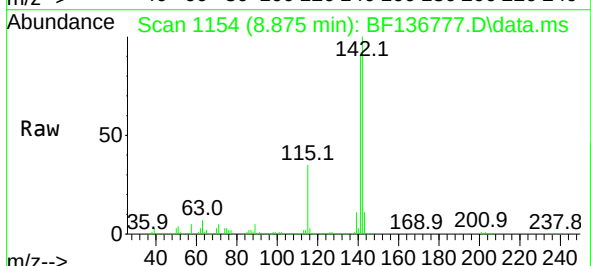
Acq: 28 Dec 2023 01:06

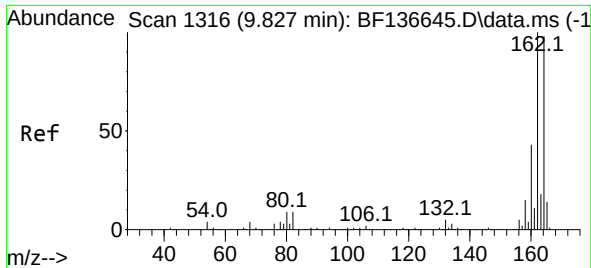
Tgt Ion:142 Resp: 378366

Ion Ratio Lower Upper

142 100

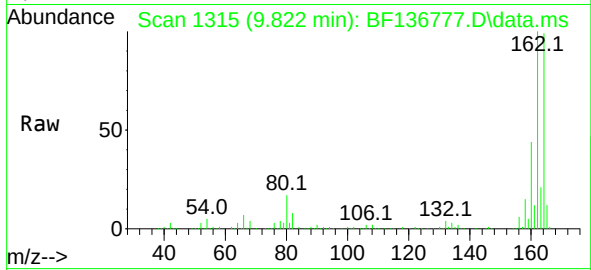
141 91.4 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

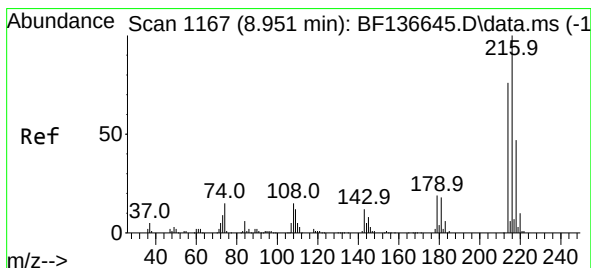
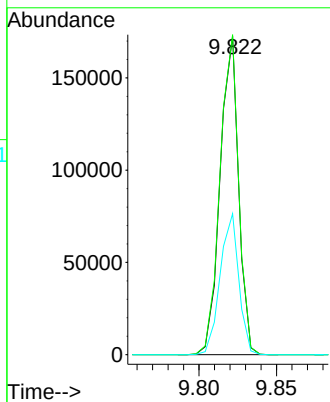
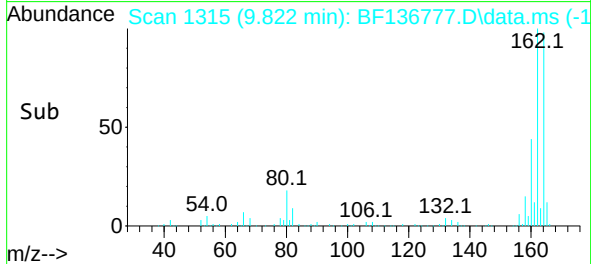
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



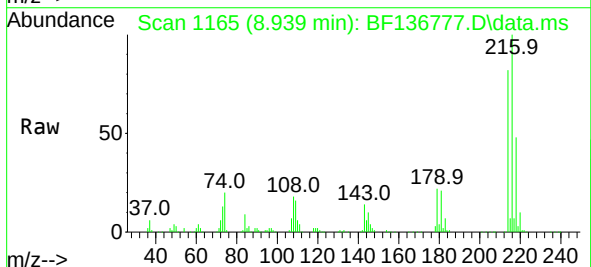
Tgt Ion:164 Resp: 142604
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 44.3 34.9 52.3

Manual Integrations
APPROVED

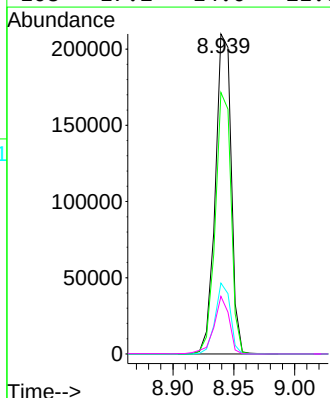
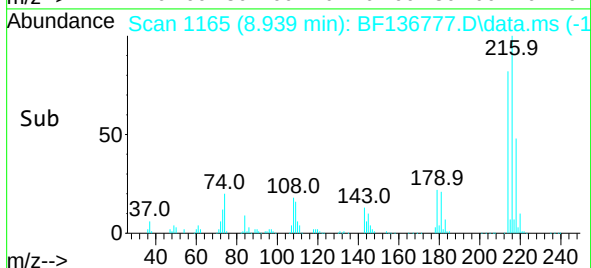
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

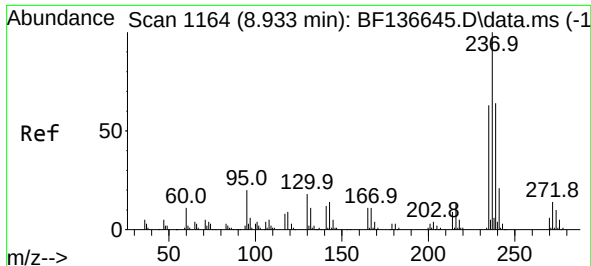


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.333 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



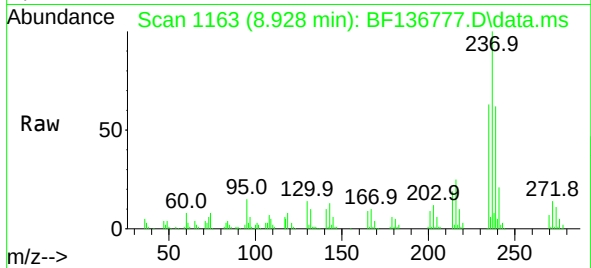
Tgt Ion:216 Resp: 191373
Ion Ratio Lower Upper
216 100
214 80.9 62.3 93.5
179 21.0 16.4 24.6
108 17.2 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 39.761 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

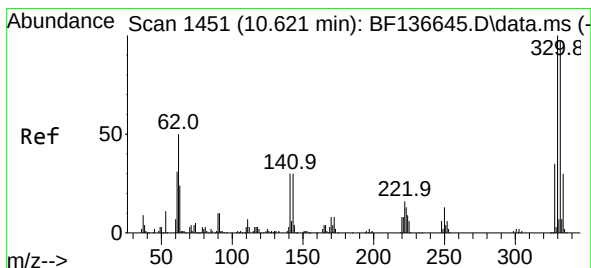
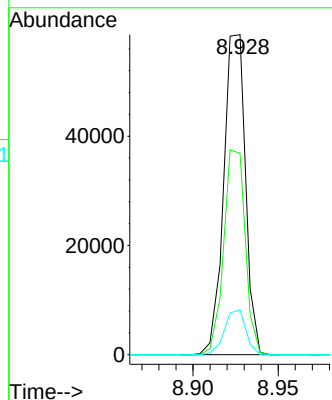
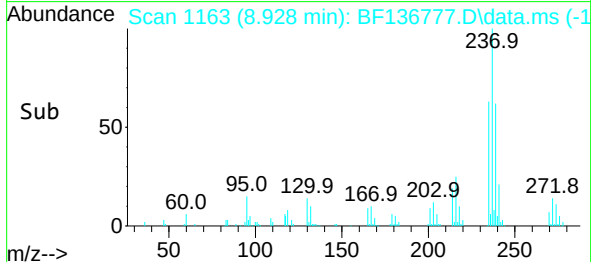
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



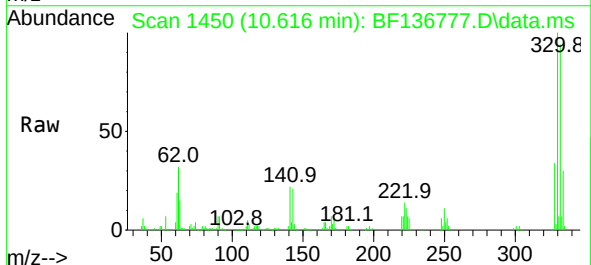
Tgt Ion:237 Resp: 52294
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 14.0 0.0 34.2

Manual Integrations
APPROVED

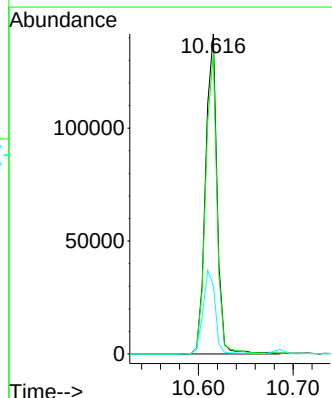
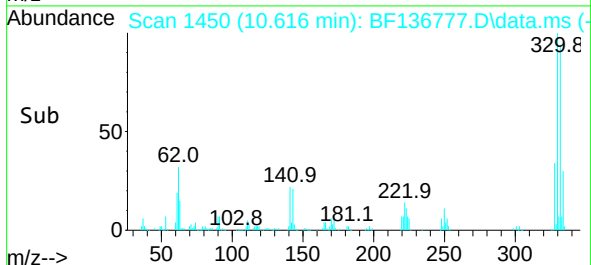
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

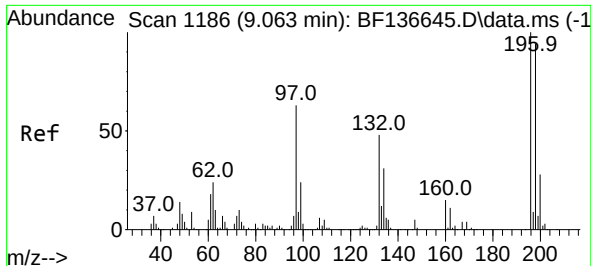


#42
2,4,6-Tribromophenol
Concen: 70.898 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



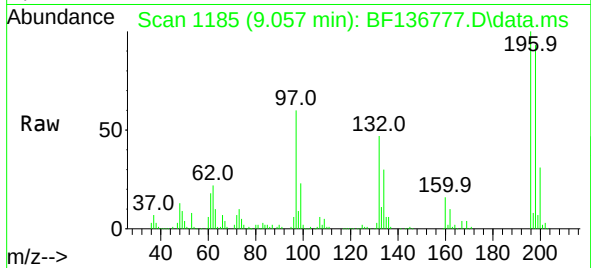
Tgt Ion:330 Resp: 119072
Ion Ratio Lower Upper
330 100
332 93.1 77.4 116.0
141 27.8 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.472 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

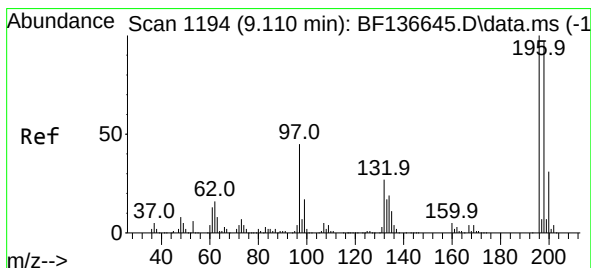
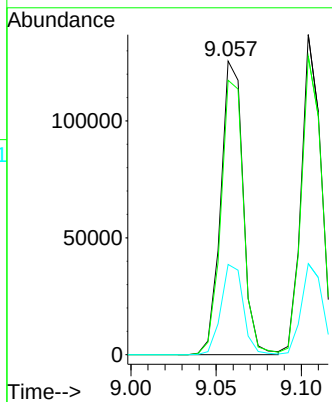
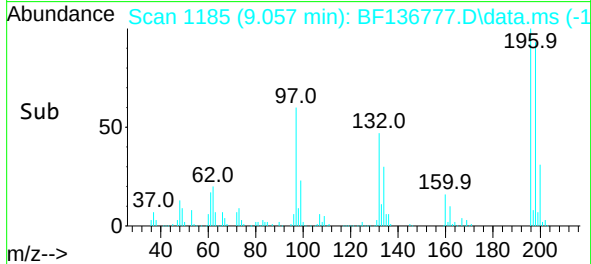
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion:196 Resp: 114628
Ion Ratio Lower Upper
196 100
198 93.4 75.1 112.7
200 30.7 22.5 33.7

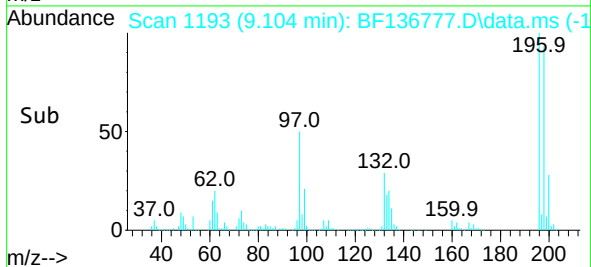
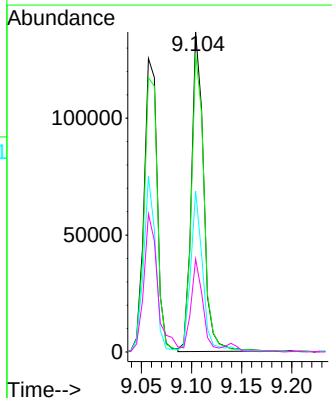
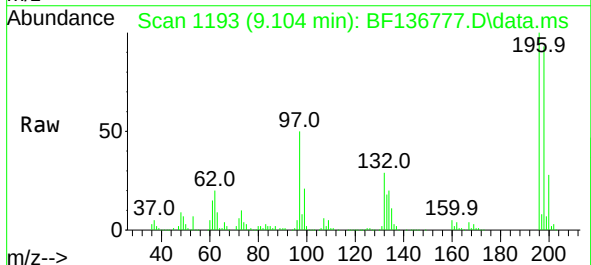
Manual Integrations
APPROVED

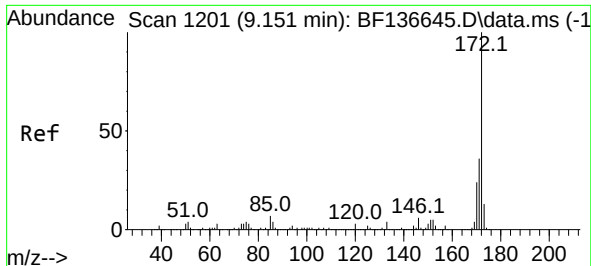
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#44
2,4,5-Trichlorophenol
Concen: 36.751 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

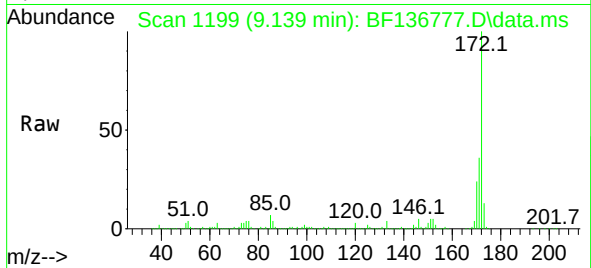
Tgt Ion:196 Resp: 115993
Ion Ratio Lower Upper
196 100
198 93.2 77.0 115.6
97 50.3 36.1 54.1
132 29.0 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 59.470 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

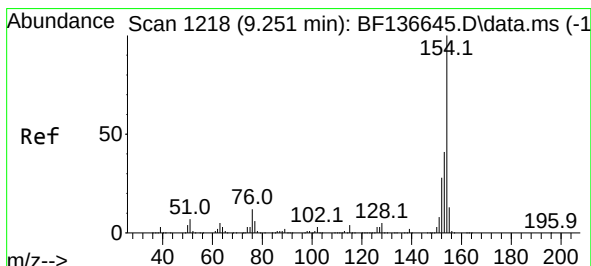
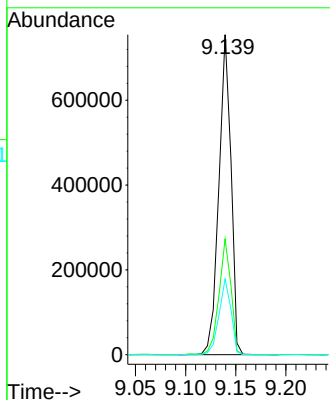
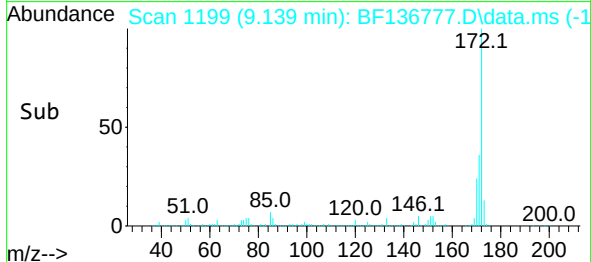
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



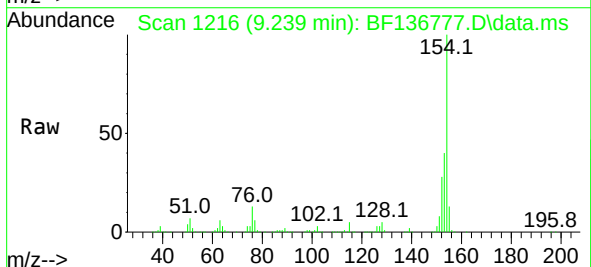
Tgt Ion:172 Resp: 63054
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.7 19.0 28.4

Manual Integrations
APPROVED

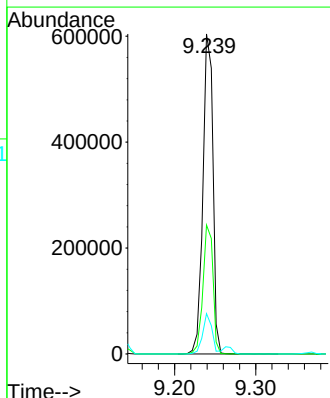
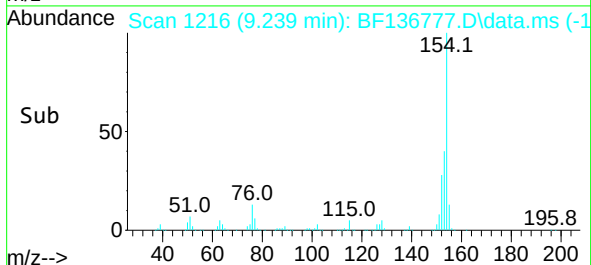
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

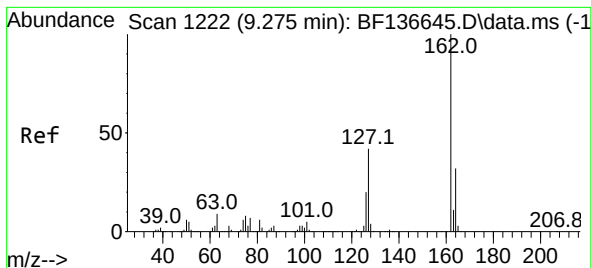


#46
1,1'-Biphenyl
Concen: 43.270 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion:154 Resp: 517794
Ion Ratio Lower Upper
154 100
153 40.3 21.1 61.1
76 12.6 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.869 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

Tgt Ion:162 Resp: 371799

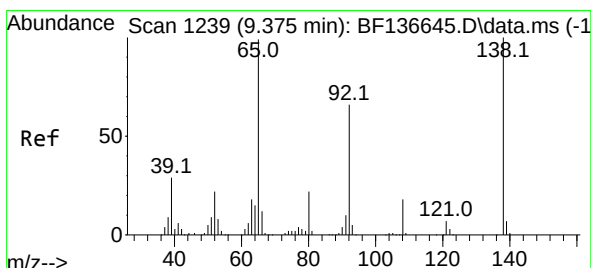
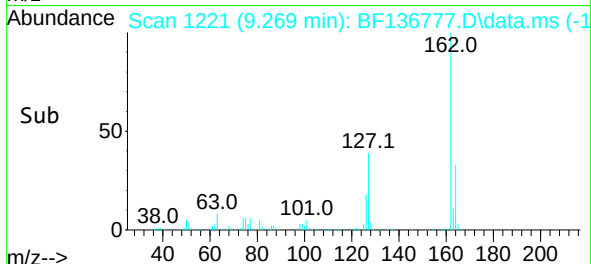
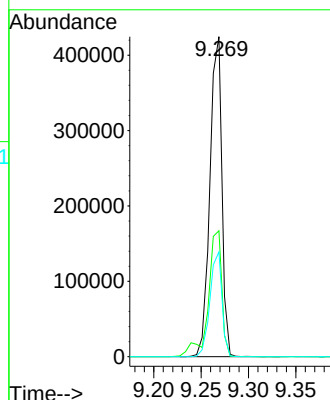
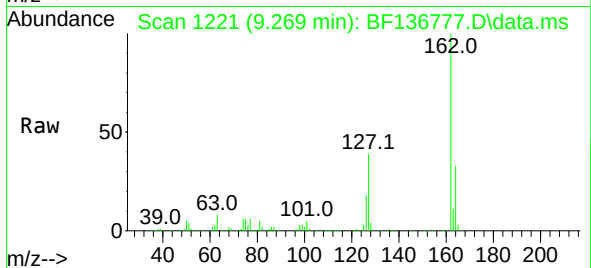
Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.6	50.4
164	32.8	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#48

2-Nitroaniline

Concen: 41.441 ng

RT: 9.369 min Scan# 1238

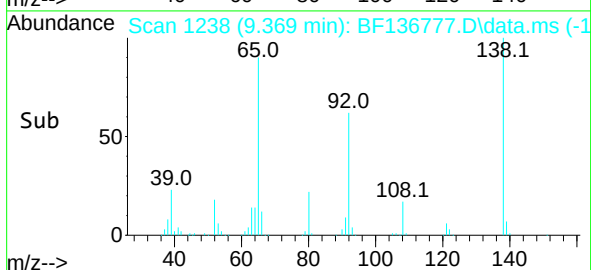
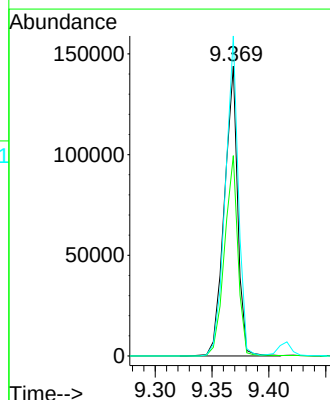
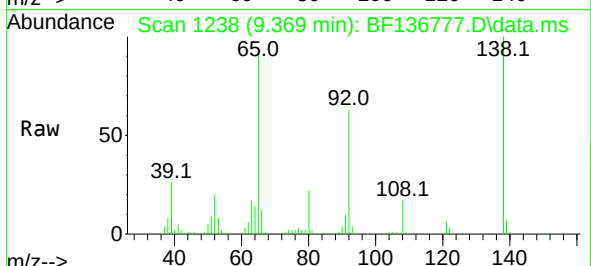
Delta R.T. -0.006 min

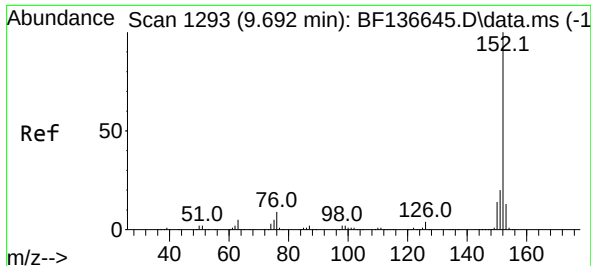
Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Tgt Ion: 65 Resp: 118055

Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.2	79.8
138	110.4	81.1	121.7





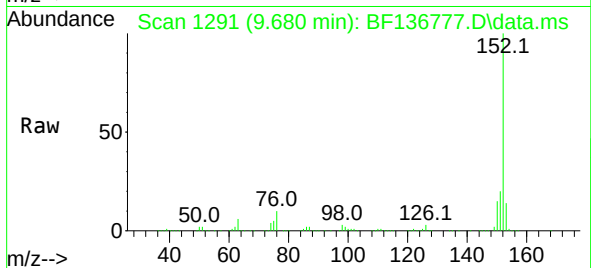
#49
Acenaphthylene
Concen: 43.218 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

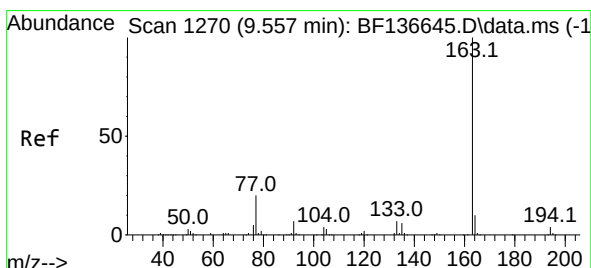
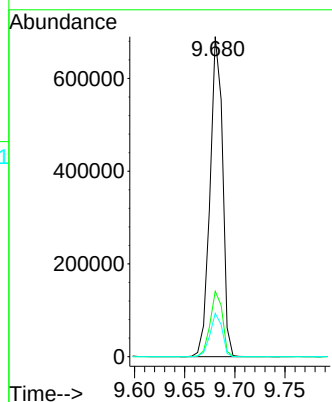
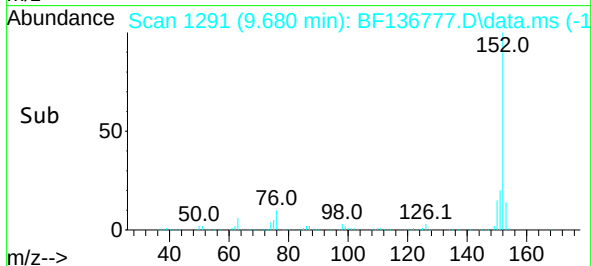


Tgt Ion:152 Resp: 600948
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.6 10.2 15.2

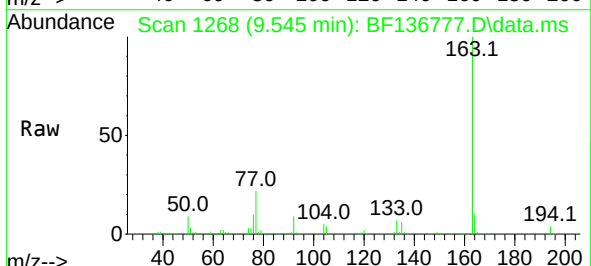
Manual Integrations

APPROVED

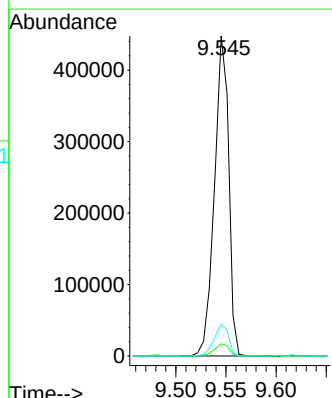
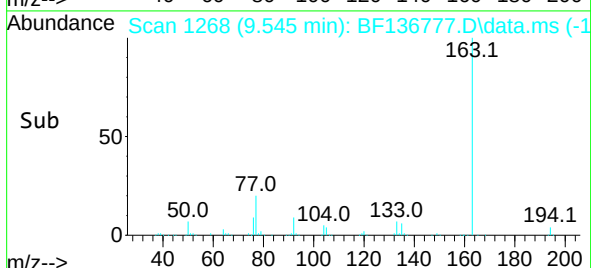
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

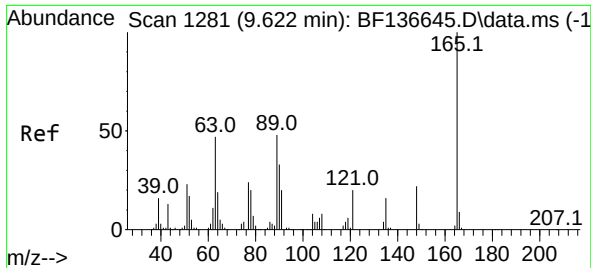


#50
Dimethylphthalate
Concen: 42.451 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion:163 Resp: 442176
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 7.8 11.6





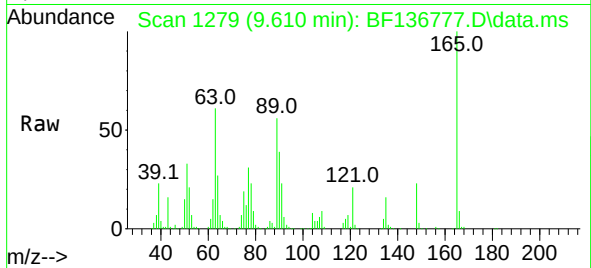
#51
2,6-Dinitrotoluene
Concen: 40.068 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS



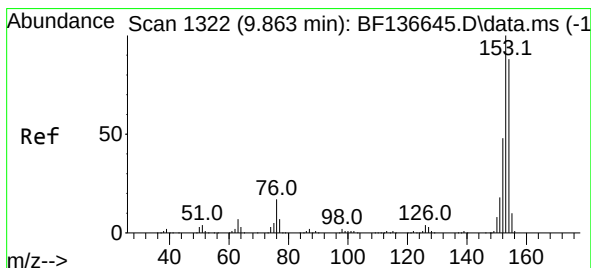
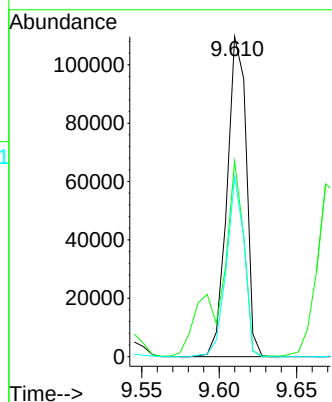
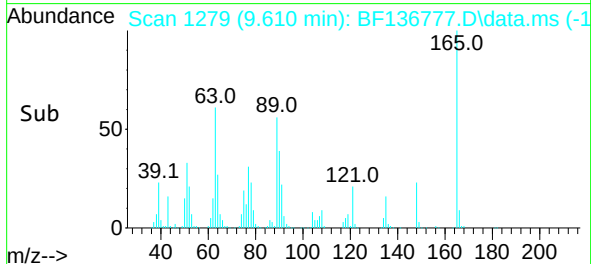
Tgt Ion:165 Resp: 94720
Ion Ratio Lower Upper
165 100
63 61.1 39.8 59.6
89 56.2 38.8 58.2

Manual Integrations

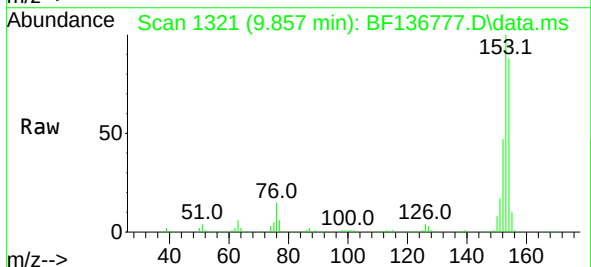
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

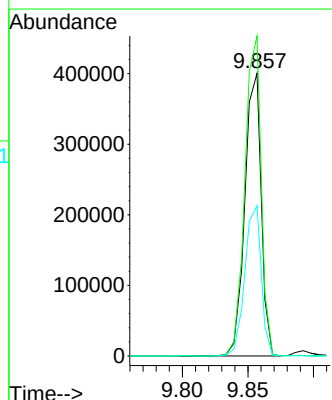
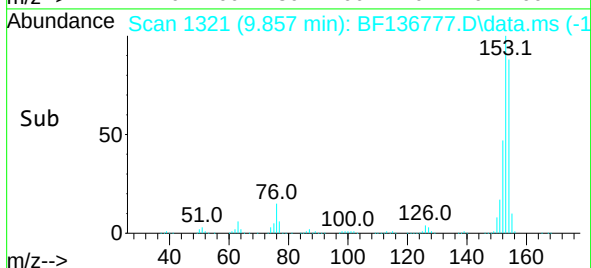
Supervised By :mohammad ahmed 12/28/2023

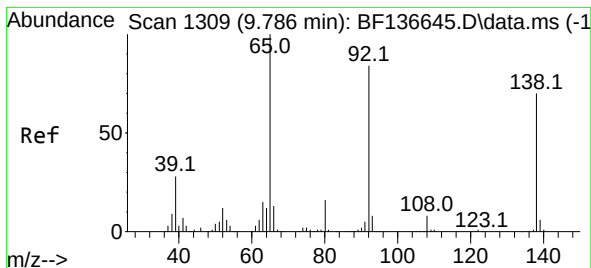


#52
Acenaphthene
Concen: 40.395 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion:154 Resp: 348179
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 53.2 43.7 65.5





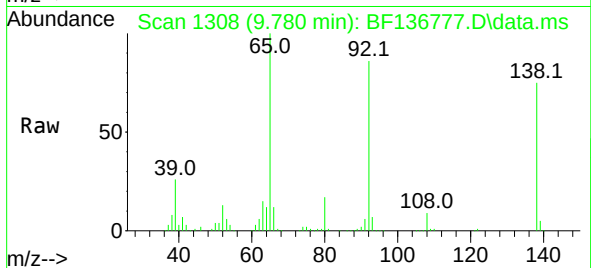
#53
3-Nitroaniline
Concen: 32.895 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

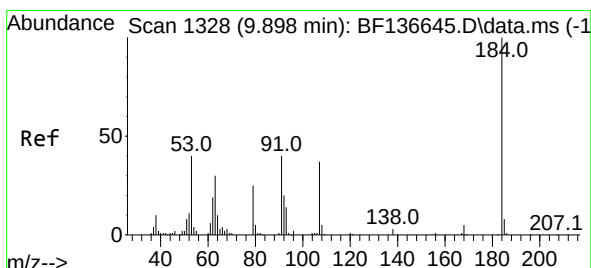
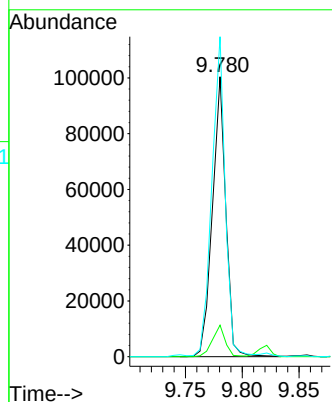
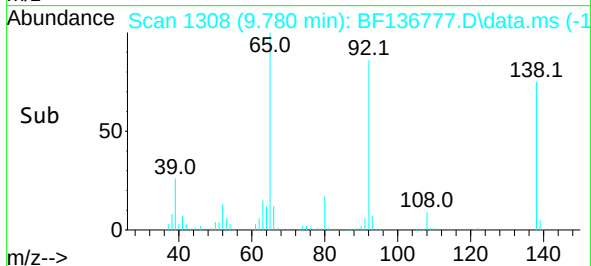


Tgt Ion:138 Resp: 82370
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 114.3 95.2 142.8

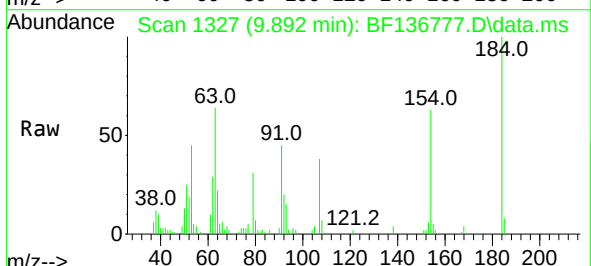
Manual Integrations

APPROVED

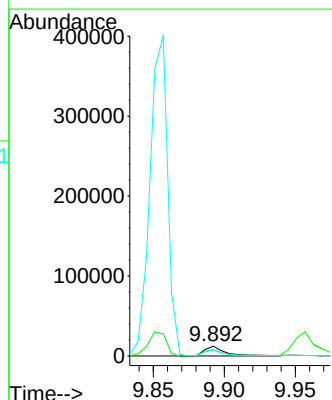
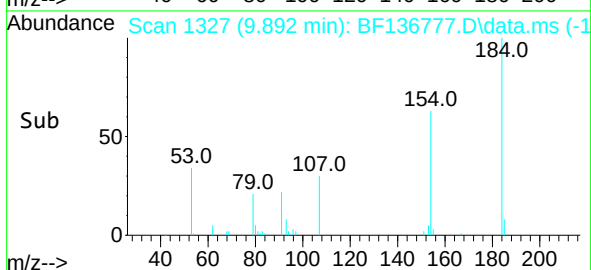
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

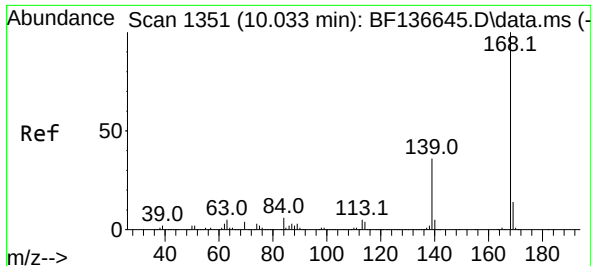


#54
2,4-Dinitrophenol
Concen: 12.857 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



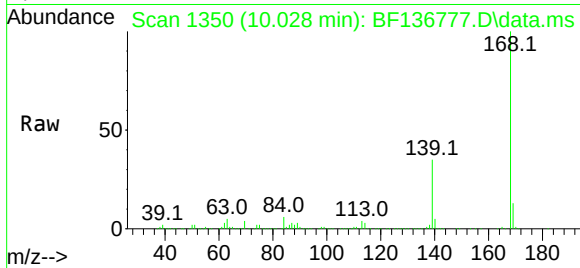
Tgt Ion:184 Resp: 12537
Ion Ratio Lower Upper
184 100
63 64.3 40.9 61.3#
154 62.5 42.7 64.1





#55
Dibenzenofuran
Concen: 40.827 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

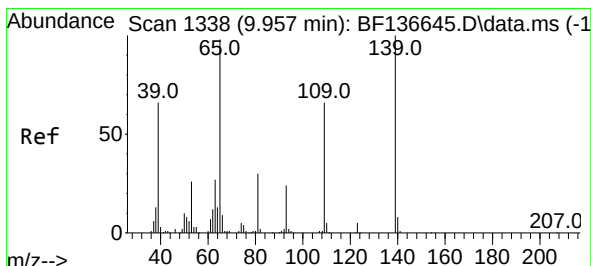
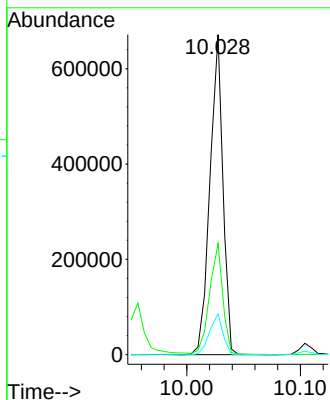
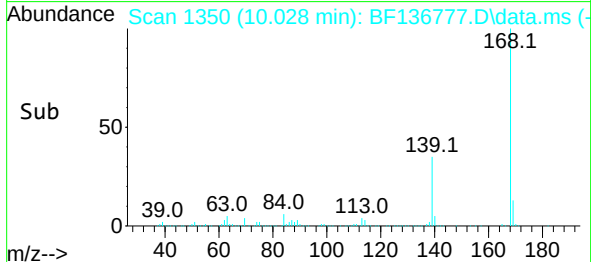
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion:168 Resp: 53344
Ion Ratio Lower Upper
168 100
139 34.8 29.3 43.9
169 12.7 11.0 16.4

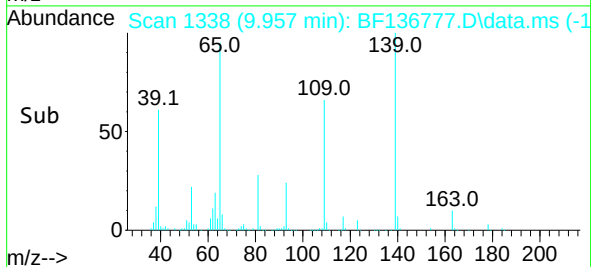
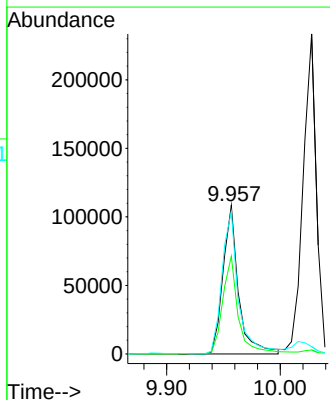
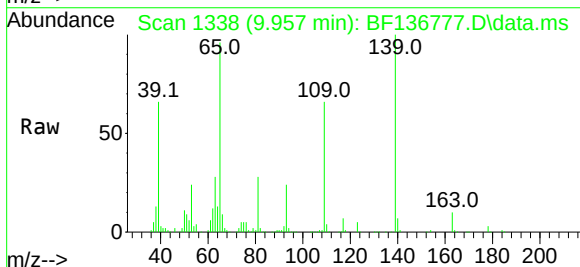
Manual Integrations
APPROVED

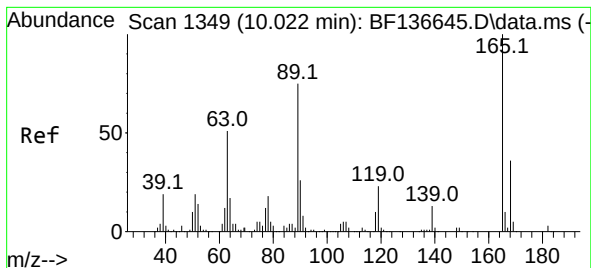
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#56
4-Nitrophenol
Concen: 61.012 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:139 Resp: 103138
Ion Ratio Lower Upper
139 100
109 65.8 45.8 85.8
65 96.0 77.8 117.8





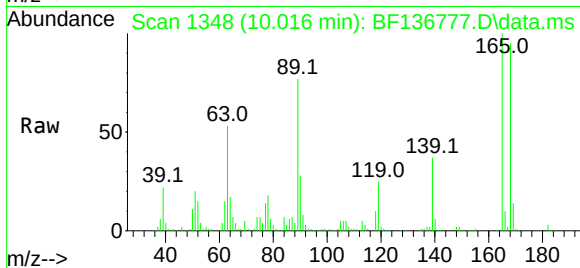
#57
2,4-Dinitrotoluene
Concen: 38.065 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

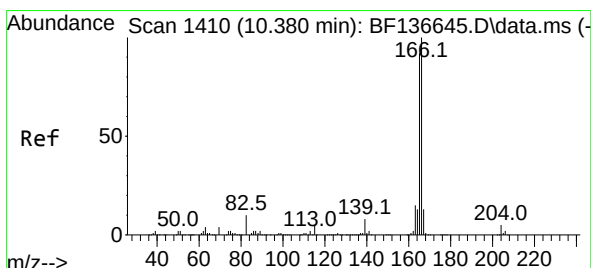
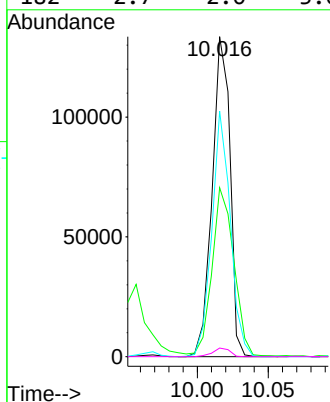
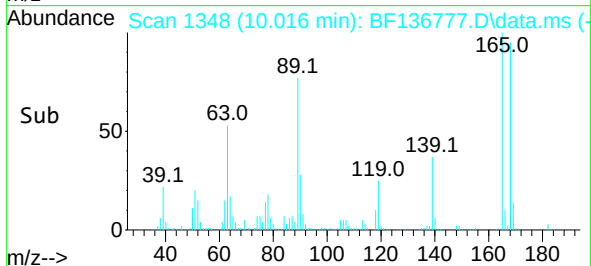


Tgt Ion:165 Resp: 116810
Ion Ratio Lower Upper
165 100
63 52.8 41.0 61.6
89 76.8 59.9 89.9
182 2.7 2.0 3.0

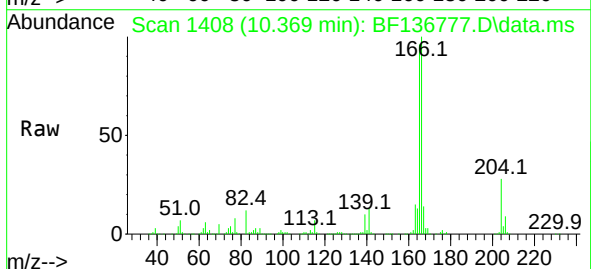
Manual Integrations

APPROVED

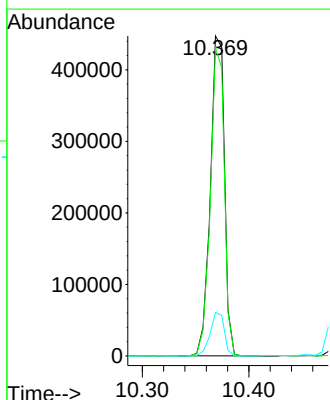
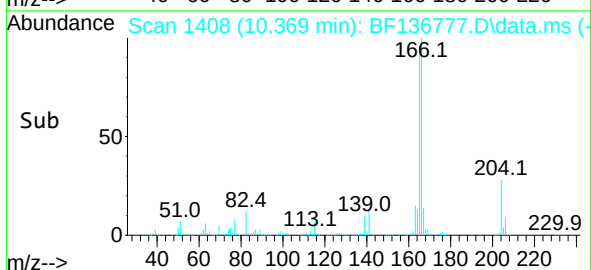
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

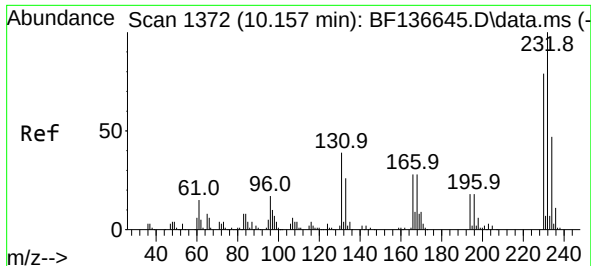


#58
Fluorene
Concen: 39.949 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



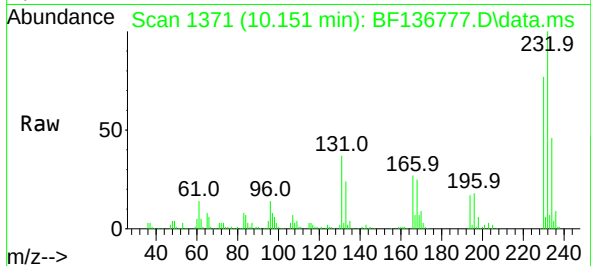
Tgt Ion:166 Resp: 414165
Ion Ratio Lower Upper
166 100
165 96.3 73.7 110.5
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.557 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

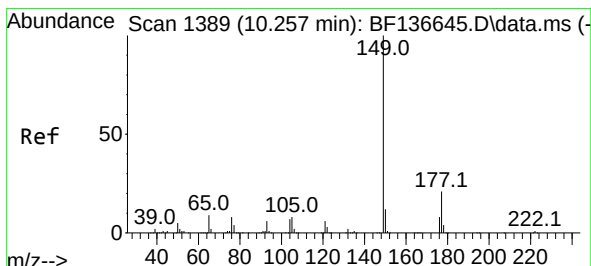
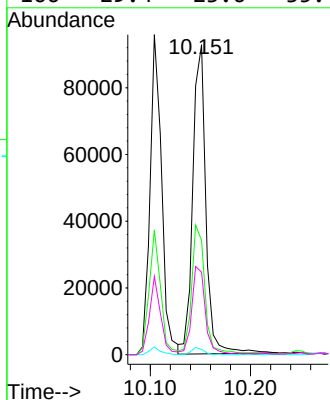
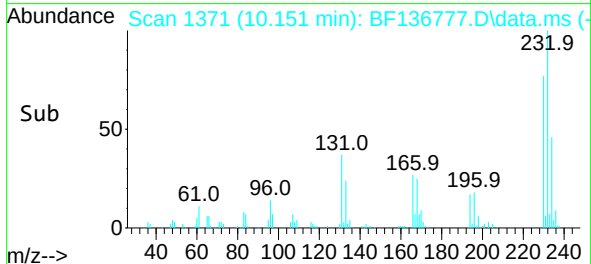
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion:232 Resp: 83952
Ion Ratio Lower Upper
232 100
131 43.1 35.1 52.7
130 2.2 1.6 2.4
166 29.4 23.6 35.4

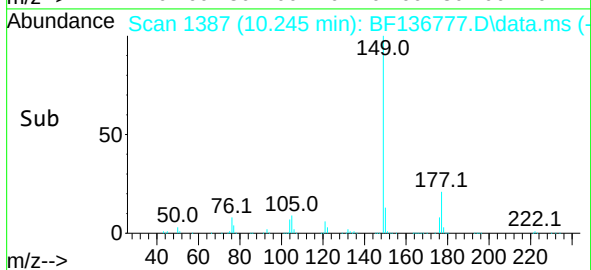
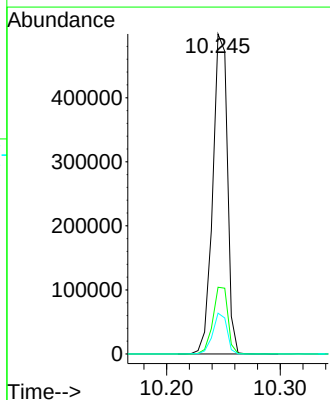
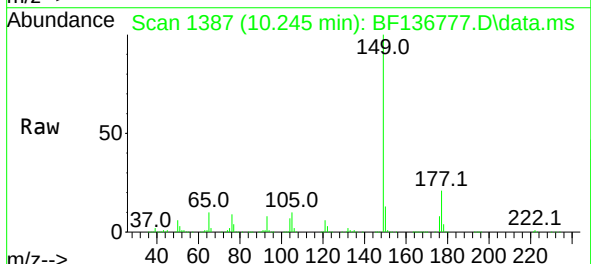
Manual Integrations
APPROVED

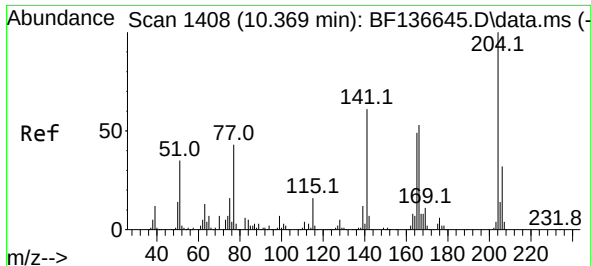
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#60
Diethylphthalate
Concen: 41.356 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

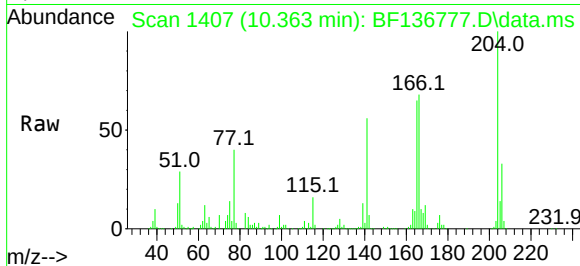
Tgt Ion:149 Resp: 446952
Ion Ratio Lower Upper
149 100
177 20.8 16.9 25.3
150 12.7 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.267 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

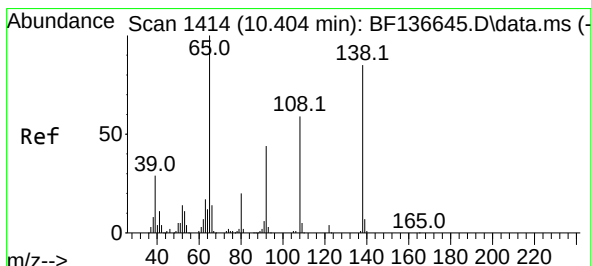
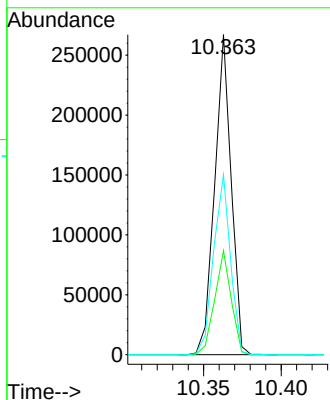
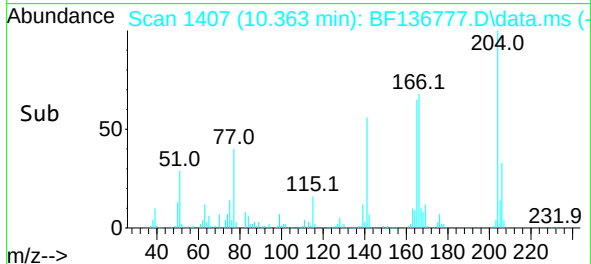
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion:204 Resp: 197874
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 56.3 48.4 72.6

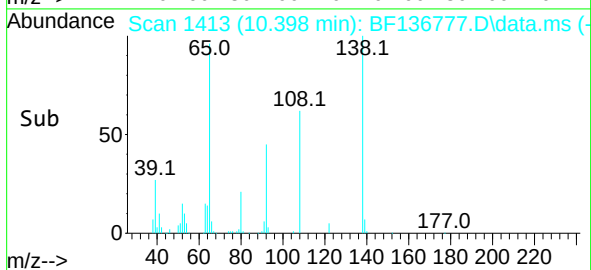
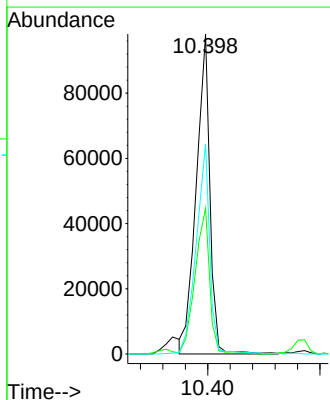
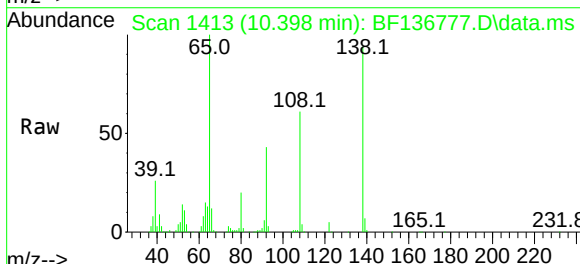
Manual Integrations
APPROVED

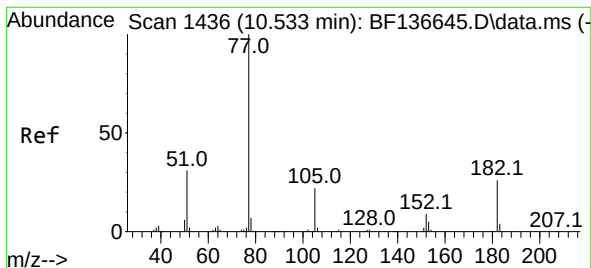
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#62
4-Nitroaniline
Concen: 34.527 ng m
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:138 Resp: 83350
Ion Ratio Lower Upper
138 100
92 45.6 32.1 72.1
108 65.6 50.1 90.1





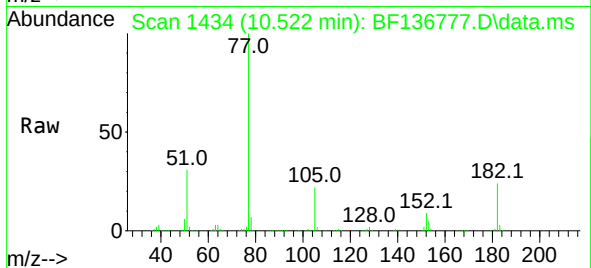
#63
Azobenzene
Concen: 38.718 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

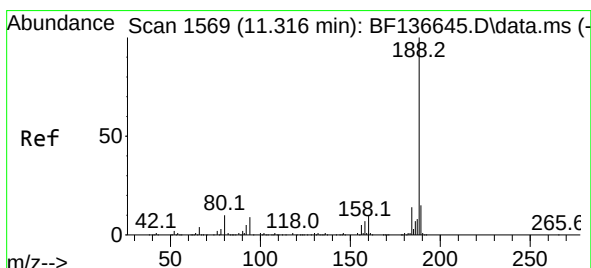
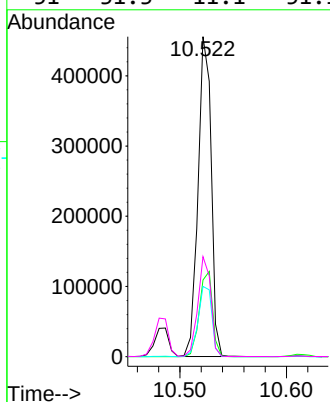
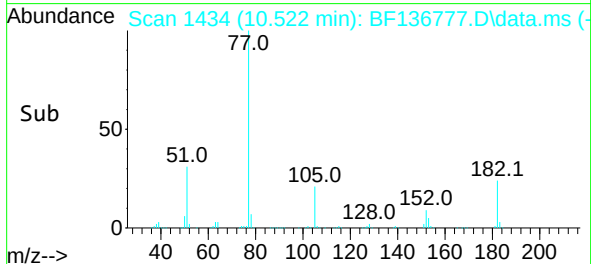


Tgt Ion: 77 Resp: 390829
Ion Ratio Lower Upper
77 100
182 24.0 6.0 46.0
105 22.0 2.3 42.3
51 31.3 11.1 51.1

Manual Integrations

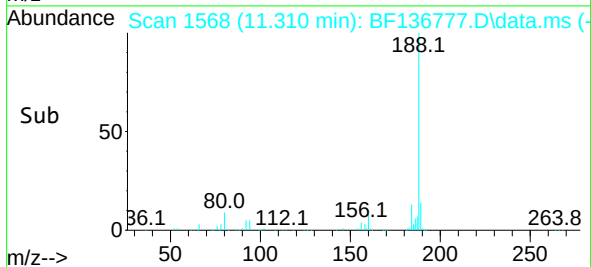
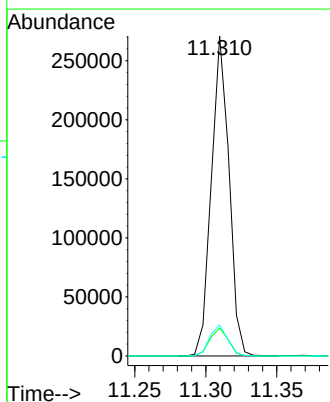
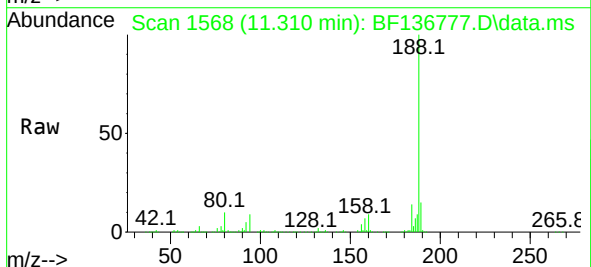
APPROVED

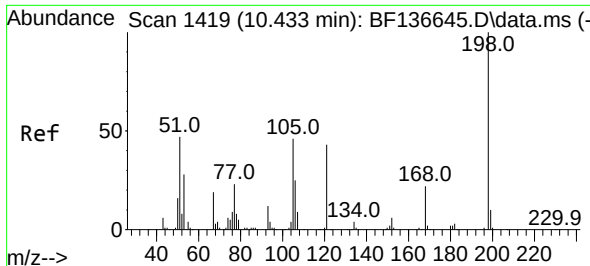
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:188 Resp: 234980
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.7 8.1 12.1





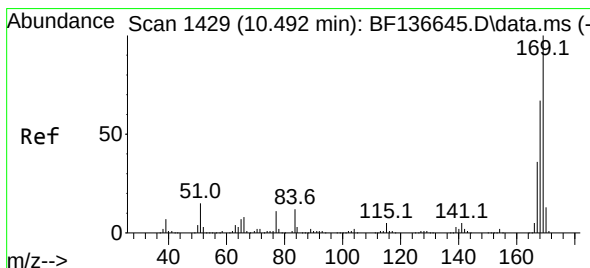
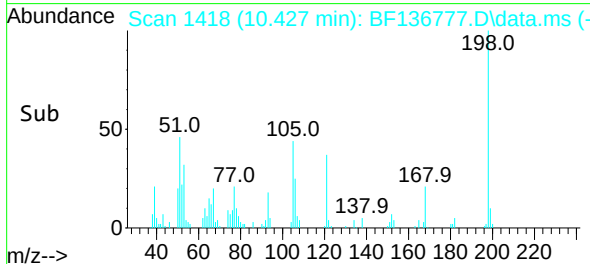
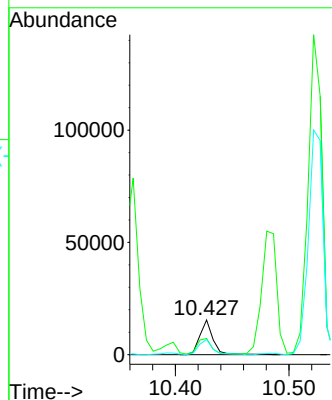
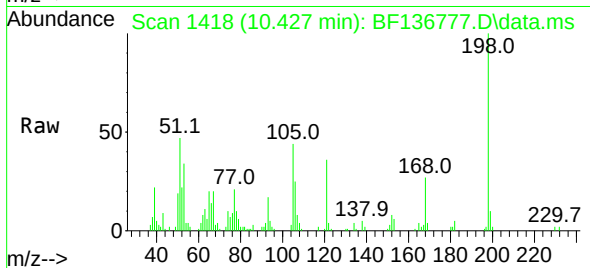
#65
4,6-Dinitro-2-methylphenol
Concen: 9.286 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS

Tgt Ion:198 Resp: 1250
Ion Ratio Lower Upper
198 100
51 46.8 34.1 74.1
105 43.9 27.3 67.3

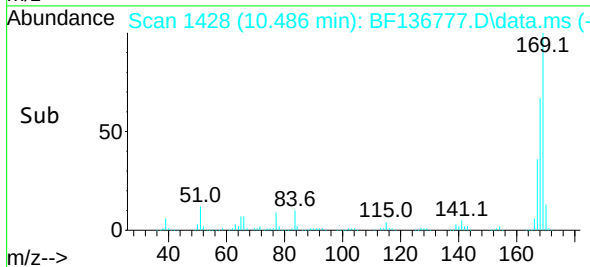
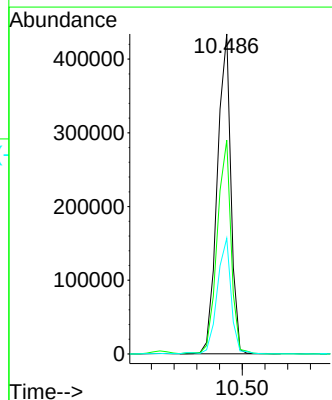
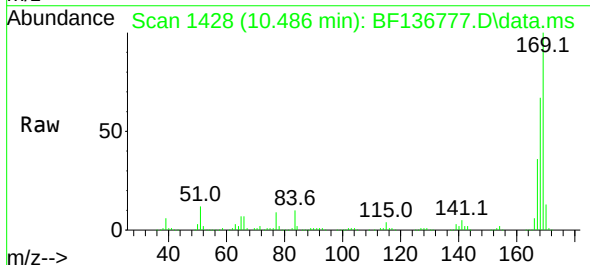
Manual Integrations
APPROVED

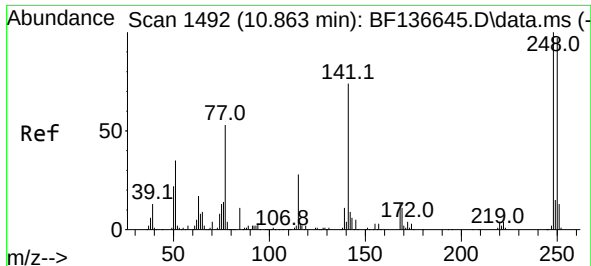
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#66
n-Nitrosodiphenylamine
Concen: 47.237 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:169 Resp: 360568
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 36.1 28.7 43.1





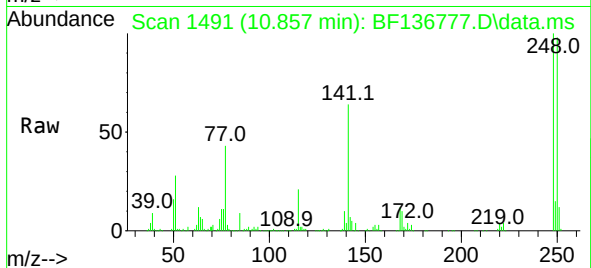
#67
4-Bromophenyl-phenylether
Concen: 45.317 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

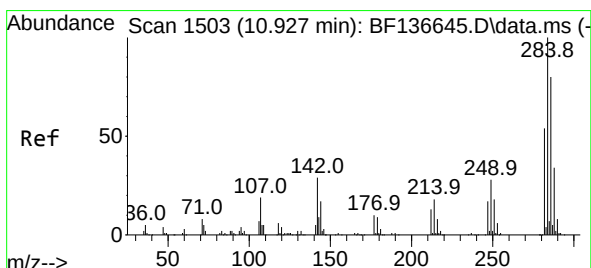
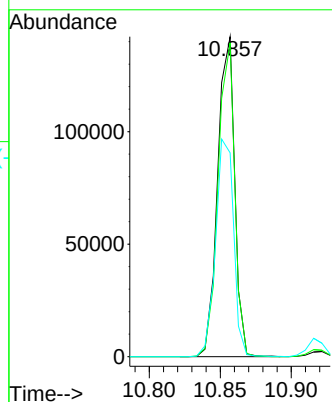
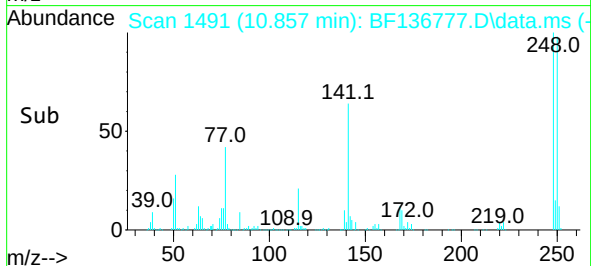


Tgt Ion:248 Resp: 118260
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.6
141 63.7 59.2 88.8

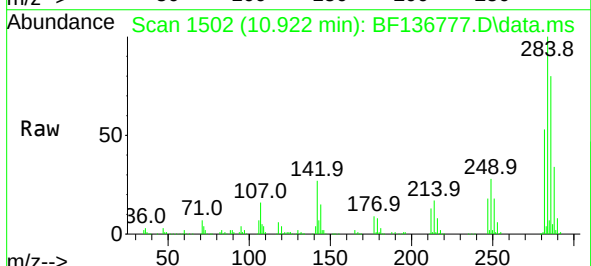
Manual Integrations

APPROVED

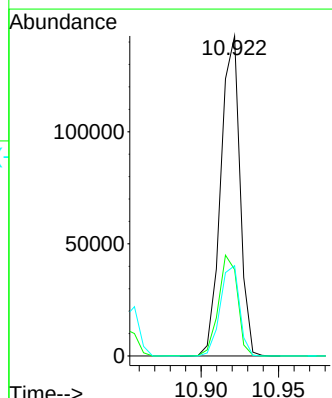
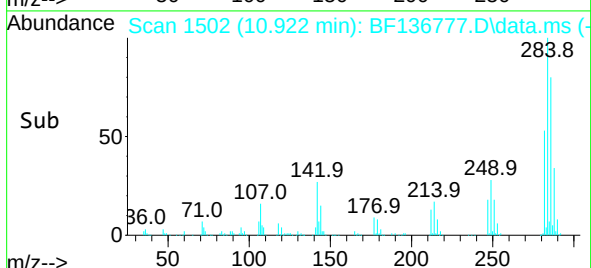
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

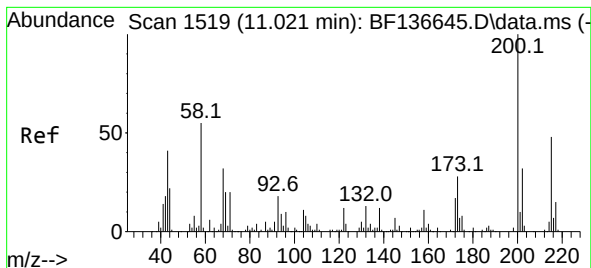


#68
Hexachlorobenzene
Concen: 42.095 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion:284 Resp: 122419
Ion Ratio Lower Upper
284 100
142 27.0 23.4 35.0
249 28.2 22.3 33.5





#69

Atrazine

Concen: 57.463 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

Tgt Ion:200 Resp: 11218

Ion Ratio Lower Upper

200 100

173 28.8 7.6 47.6

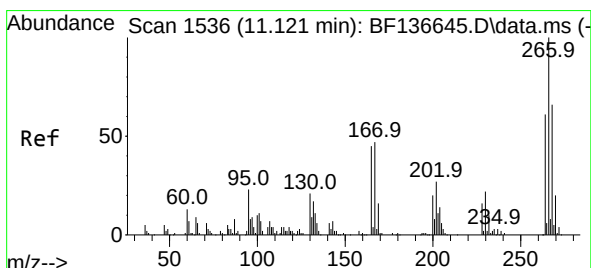
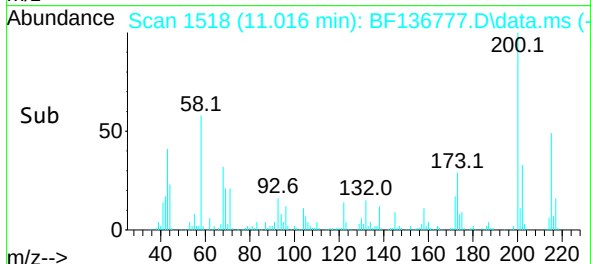
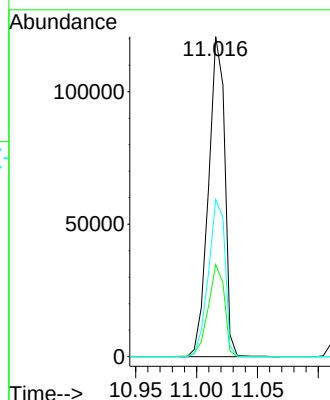
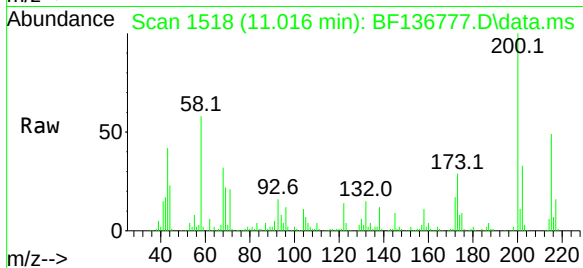
215 49.1 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#70

Pentachlorophenol

Concen: 63.588 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

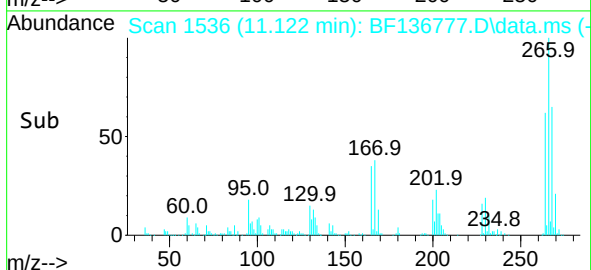
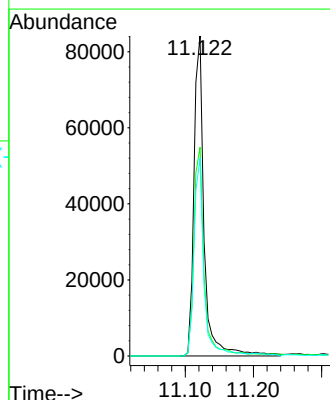
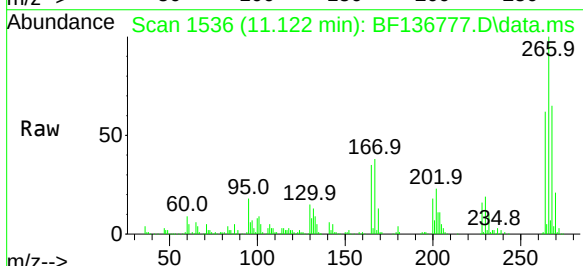
Tgt Ion:266 Resp: 86197

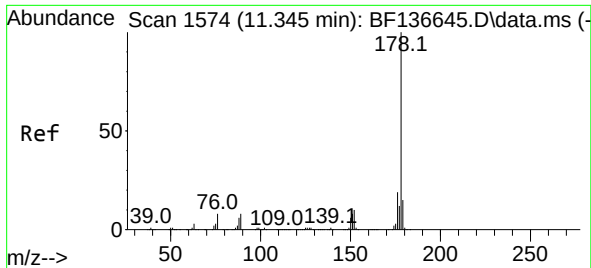
Ion Ratio Lower Upper

266 100

268 65.2 52.6 78.8

264 61.8 49.0 73.4





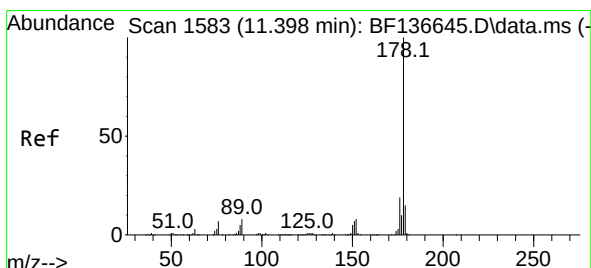
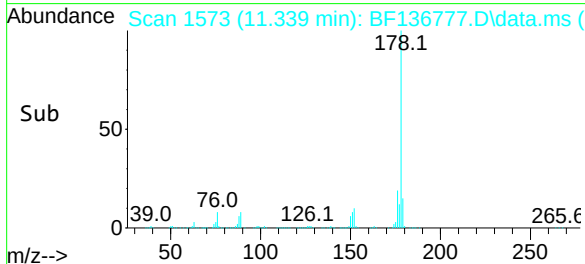
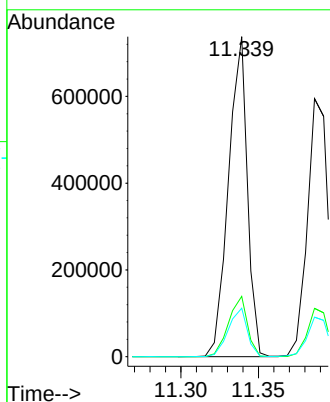
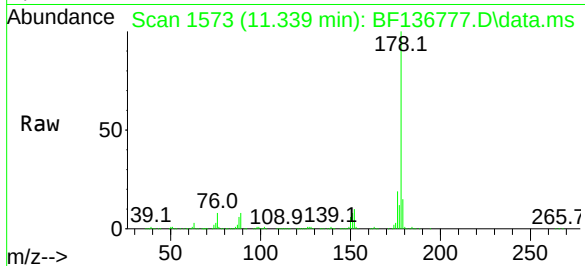
#71
Phenanthrene
Concen: 51.808 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS

Tgt Ion:178 Resp: 624654
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 11.9 17.9

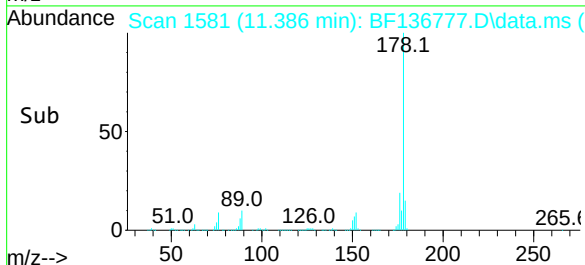
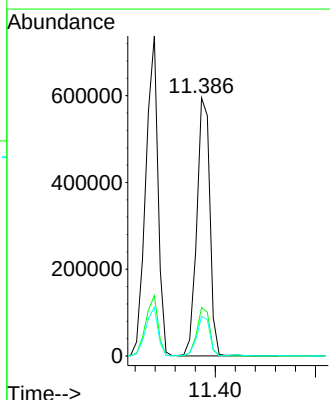
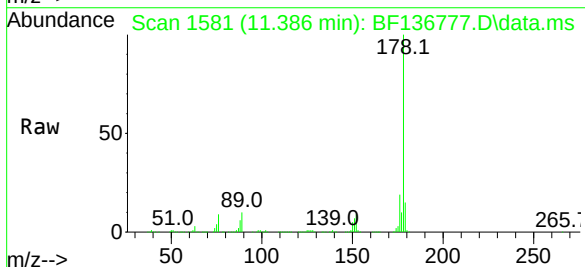
Manual Integrations
APPROVED

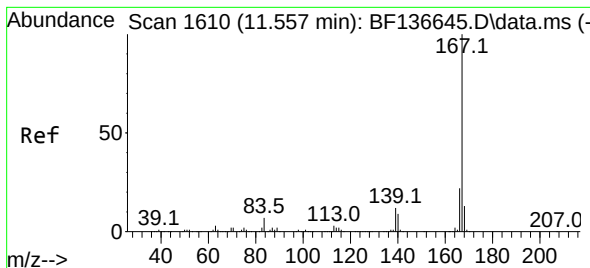
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#72
Anthracene
Concen: 44.152 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:178 Resp: 539119
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 11.8 17.6





#73

Carbazole

Concen: 39.780 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136777.D

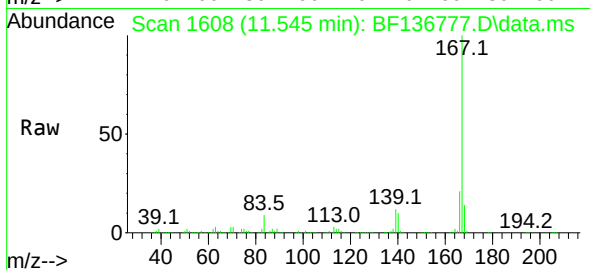
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS



Tgt Ion:167 Resp: 457958

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

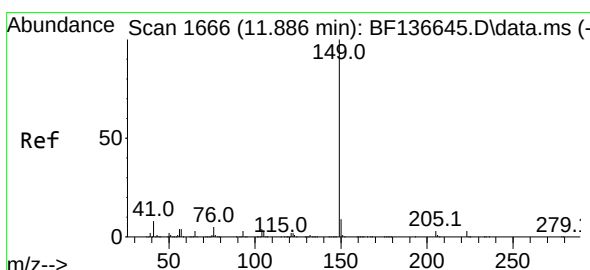
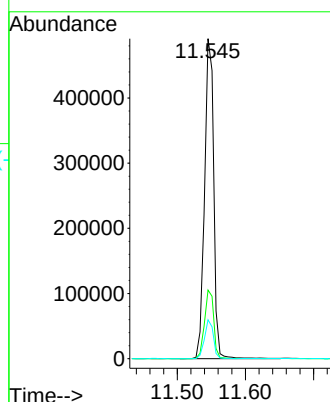
139 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#74

Di-n-butylphthalate

Concen: 45.752 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

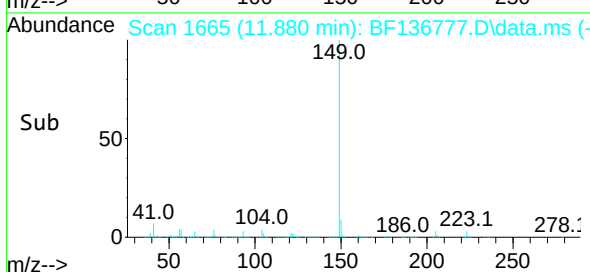
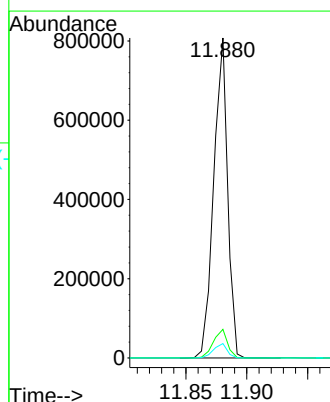
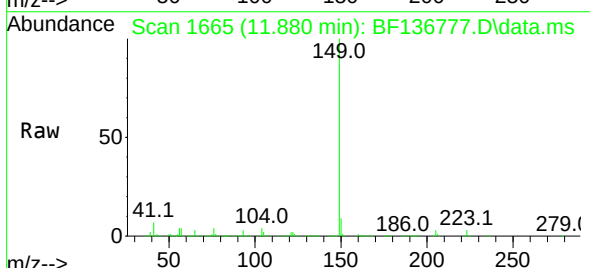
Tgt Ion:149 Resp: 642712

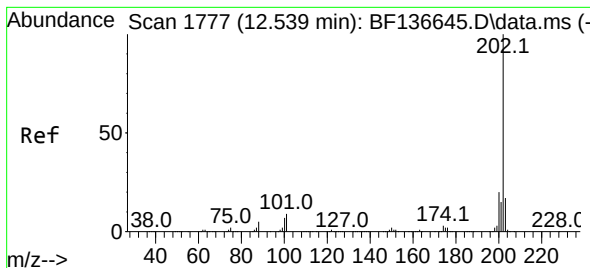
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

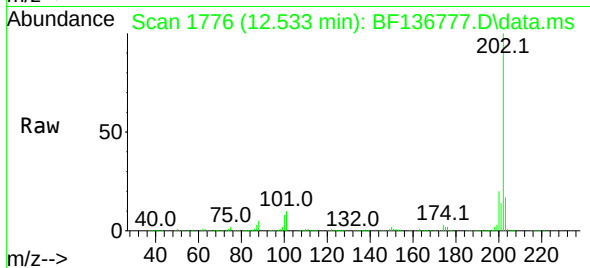
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 48.296 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

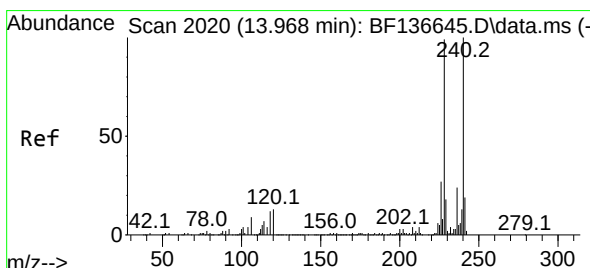
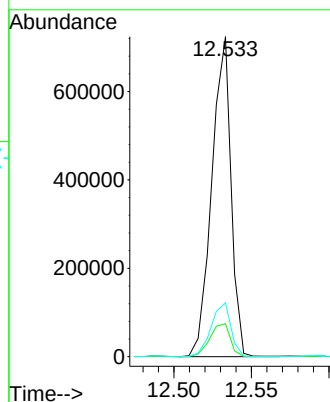
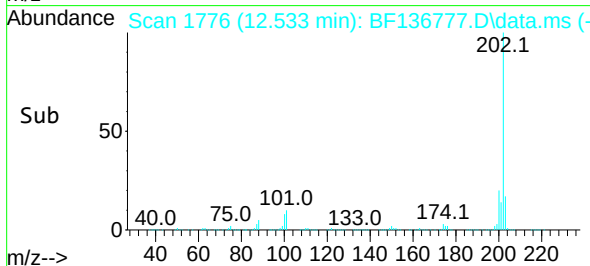
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion:202 Resp: 622862
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 16.8 0.0 37.1

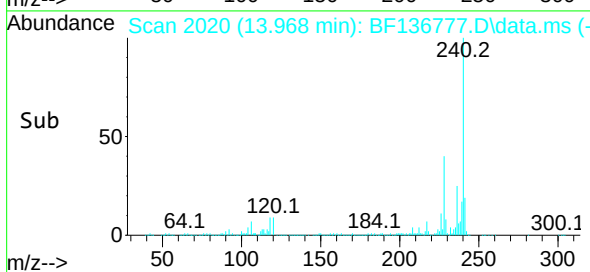
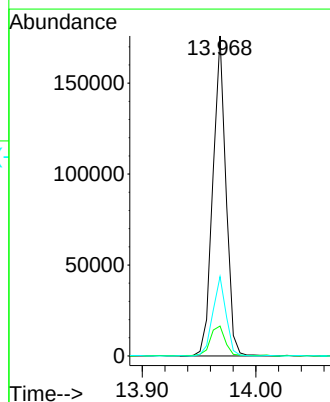
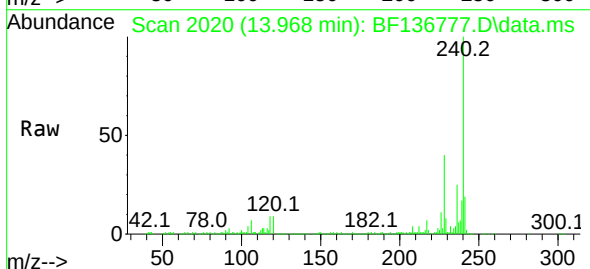
Manual Integrations
APPROVED

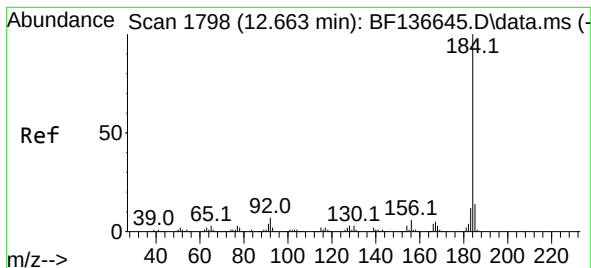
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:240 Resp: 140585
Ion Ratio Lower Upper
240 100
120 9.3 10.3 15.5#
236 24.8 19.4 29.2





#77

Benzidine

Concen: 24.695 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

Tgt Ion:184 Resp: 102369

Ion Ratio Lower Upper

184 100

185 13.2 11.2 16.8

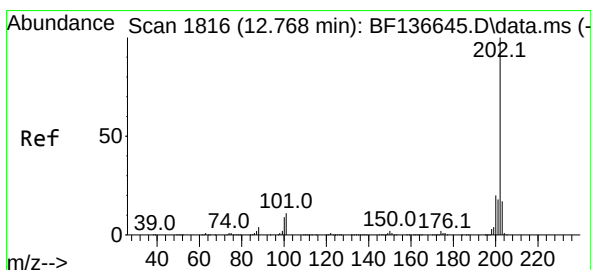
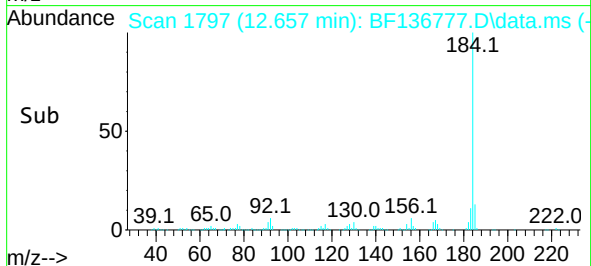
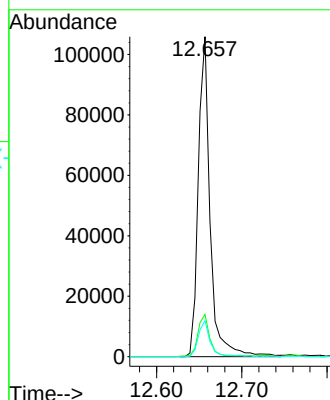
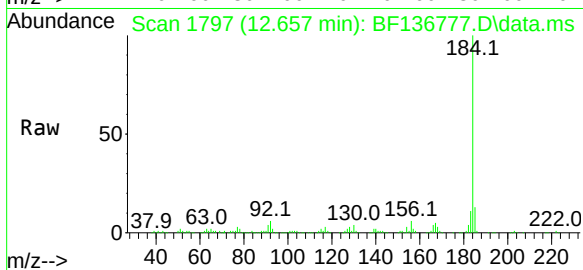
183 11.3 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#78

Pyrene

Concen: 43.746 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

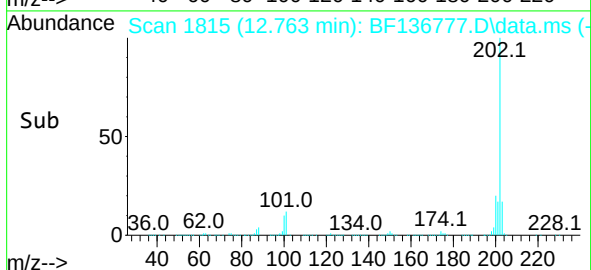
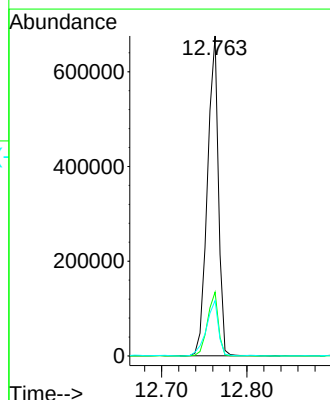
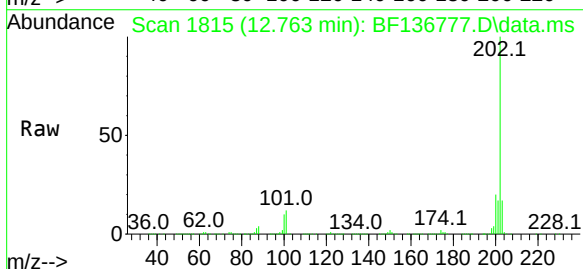
Tgt Ion:202 Resp: 603733

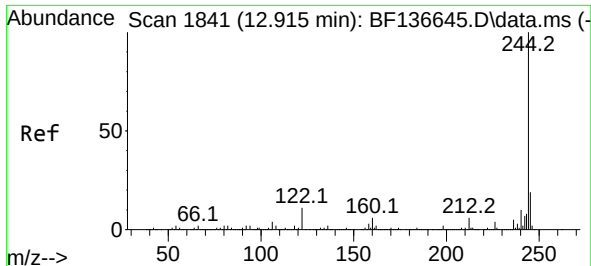
Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

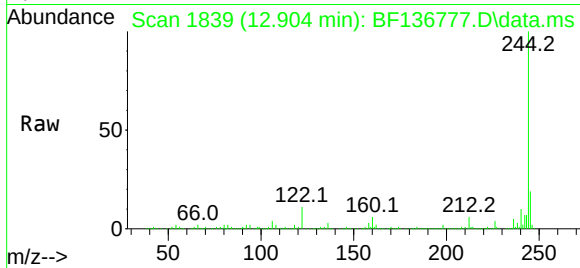
203 17.3 13.8 20.6





#79
Terphenyl-d14
Concen: 47.712 ng
RT: 12.904 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

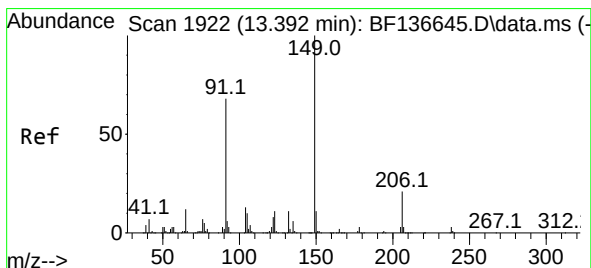
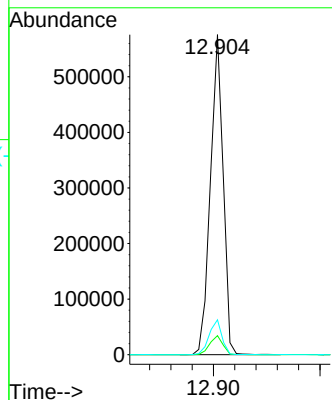
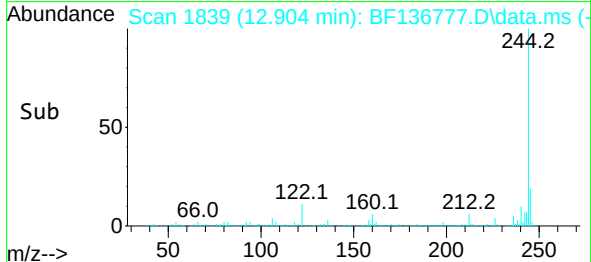
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion:244 Resp: 47998
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 10.9 9.0 13.4

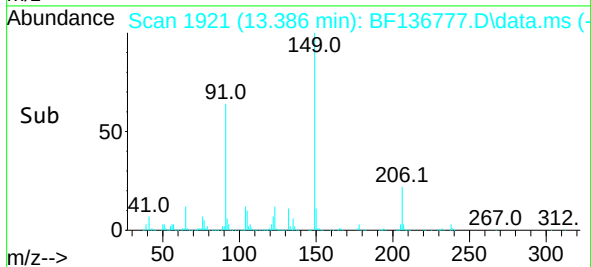
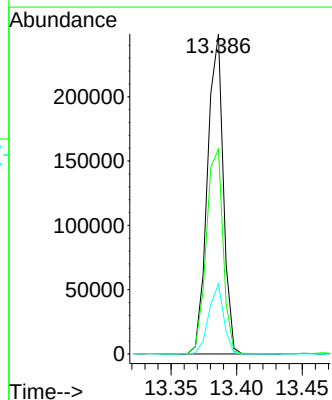
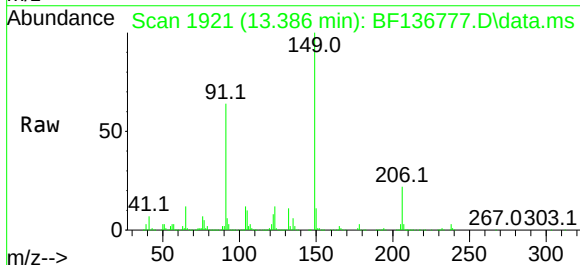
Manual Integrations
APPROVED

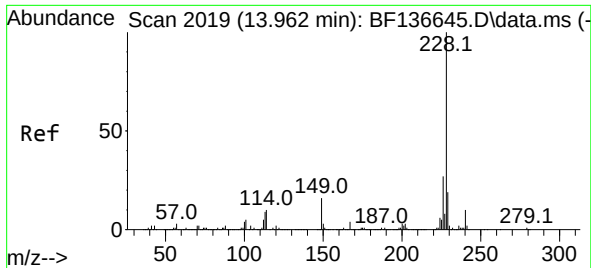
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#80
Butylbenzylphthalate
Concen: 41.785 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:149 Resp: 209830
Ion Ratio Lower Upper
149 100
91 64.1 54.1 81.1
206 22.0 17.1 25.7





#81
Benzo(a)anthracene
Concen: 49.652 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

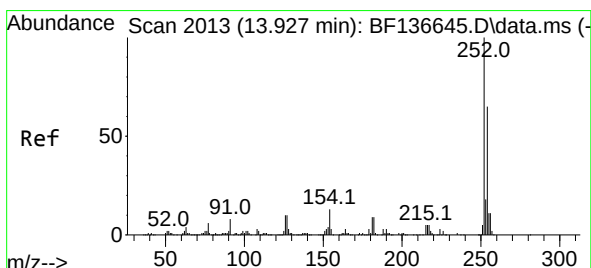
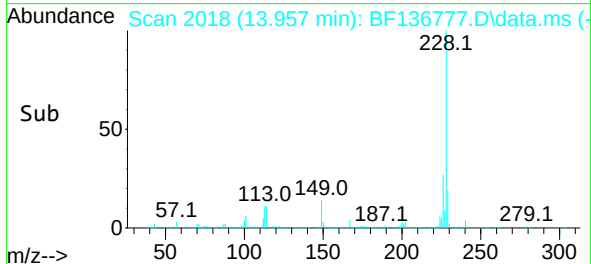
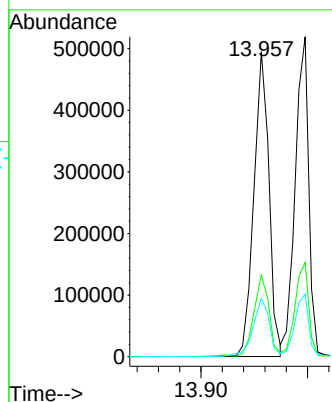
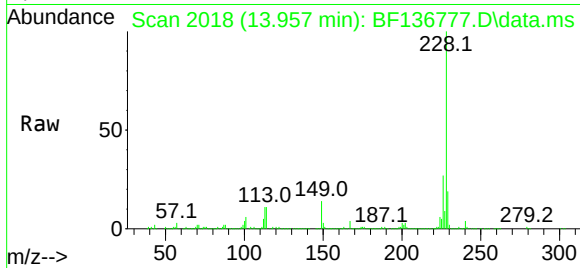
EAST-WALLMS

Tgt Ion:228 Resp: 484711
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.2 14.9 22.3

Manual Integrations

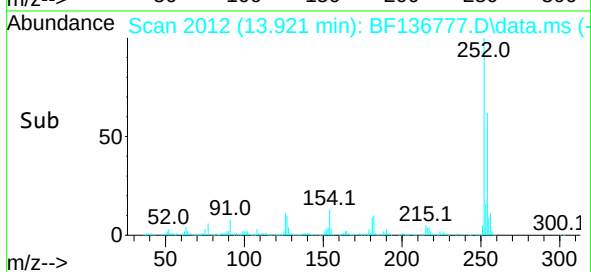
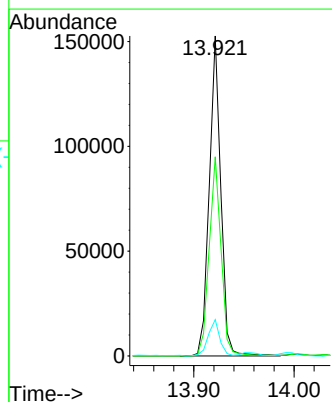
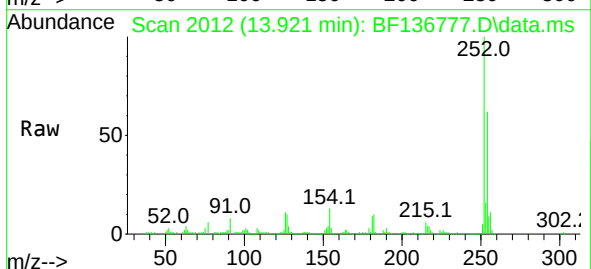
APPROVED

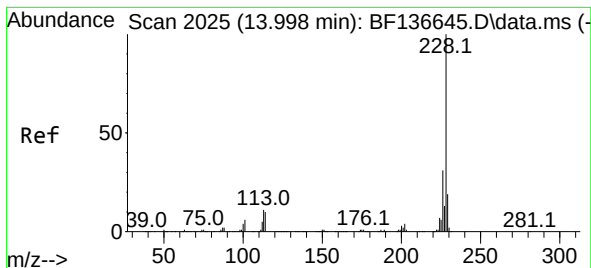
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.172 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:252 Resp: 122459
Ion Ratio Lower Upper
252 100
254 62.3 52.2 78.4
126 11.4 8.0 12.0





#83

Chrysene

Concen: 47.871 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

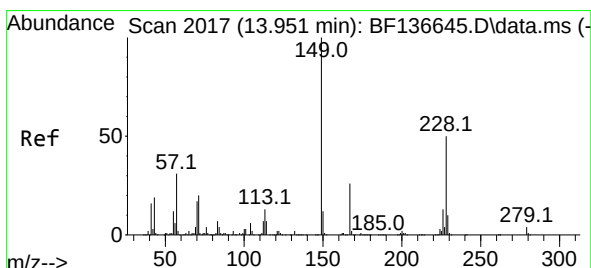
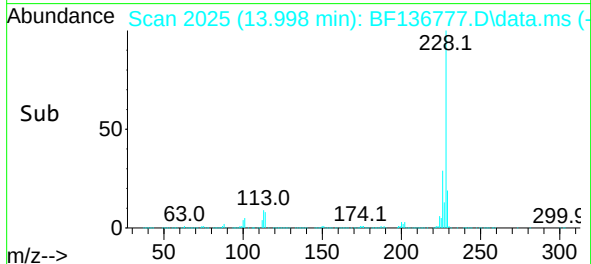
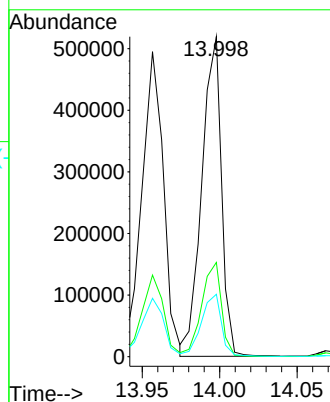
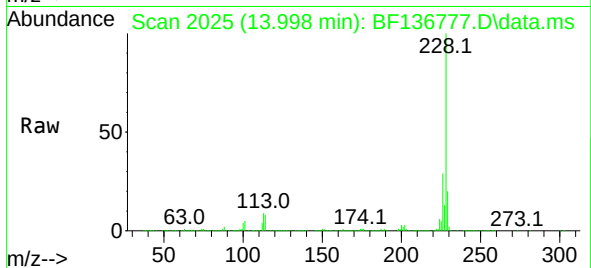
EAST-WALLMS

Tgt Ion:228 Resp: 456994
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.7 37.1
 229 19.5 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.612 ng

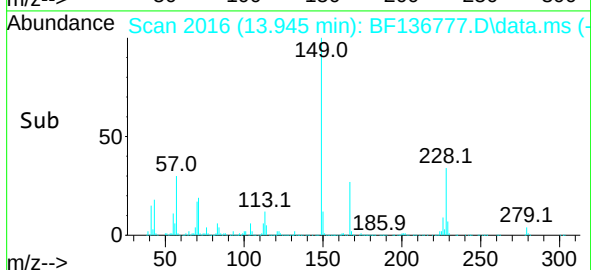
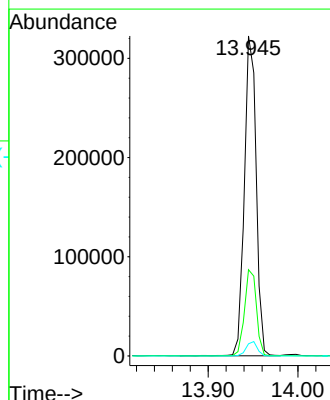
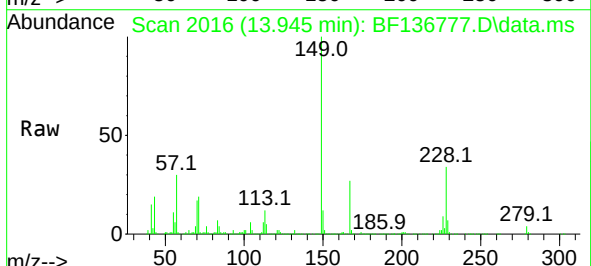
RT: 13.945 min Scan# 2016

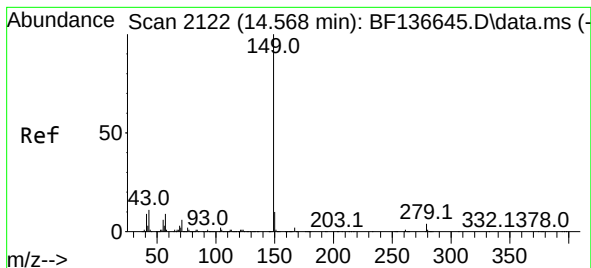
Delta R.T. -0.006 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

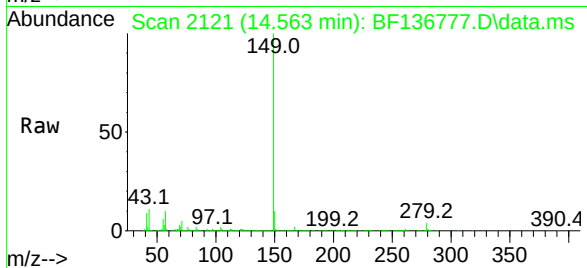
Tgt Ion:149 Resp: 294508
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.9 31.3
 279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 53.765 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

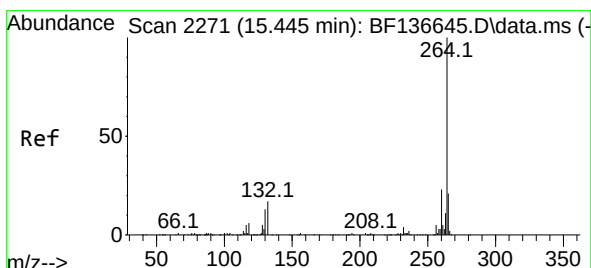
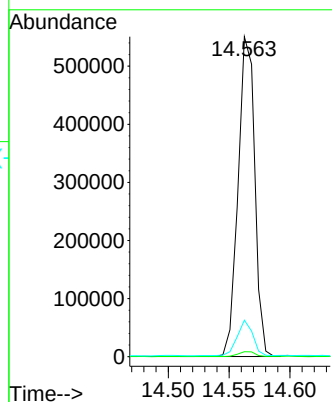
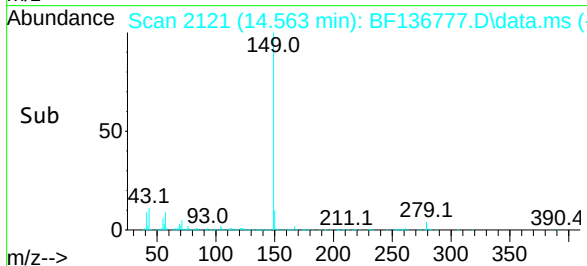
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



Tgt Ion:149 Resp: 525468
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.3 8.9 13.3

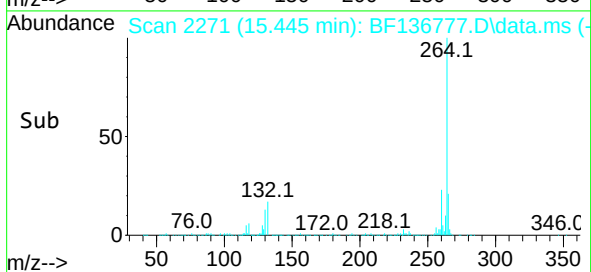
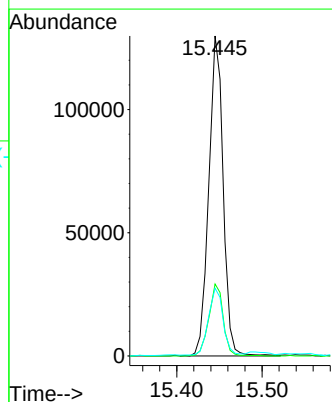
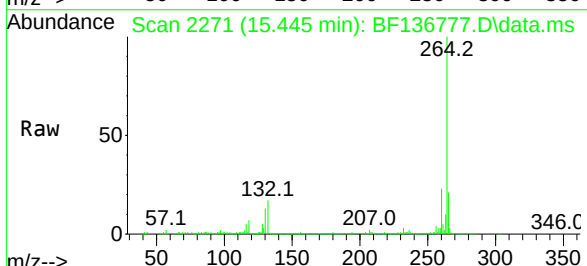
Manual Integrations
APPROVED

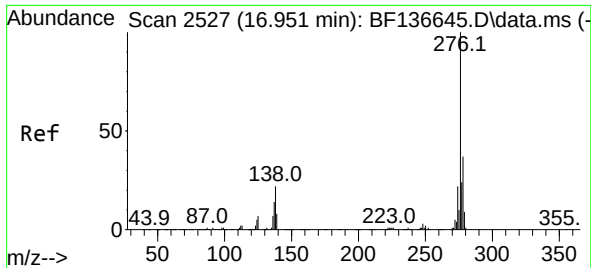
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Tgt Ion:264 Resp: 152326
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 21.1 17.0 25.6





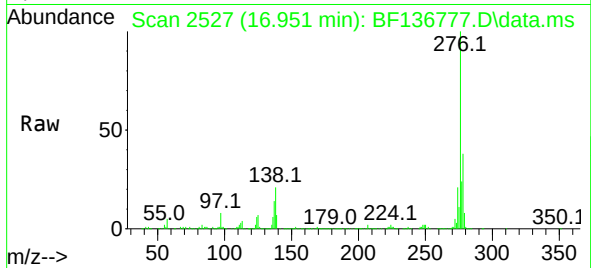
#87
Indeno(1,2,3-cd)pyrene
Concen: 33.441 ng
RT: 16.951 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS

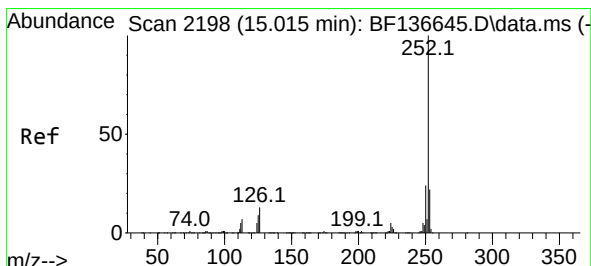
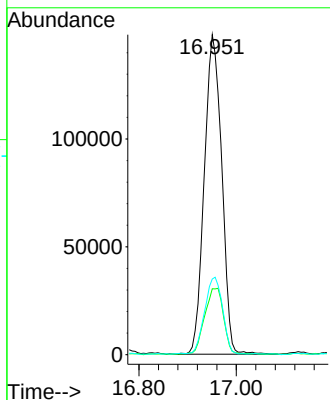
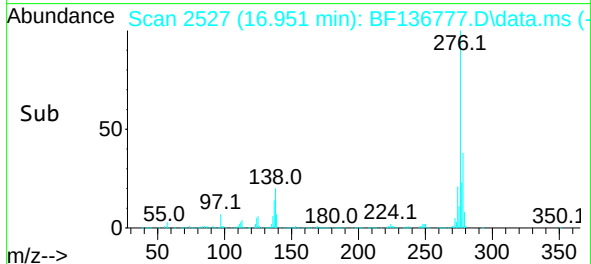


Tgt Ion:276 Resp: 367789
Ion Ratio Lower Upper
276 100
138 22.4 18.7 28.1
277 24.6 20.2 30.2

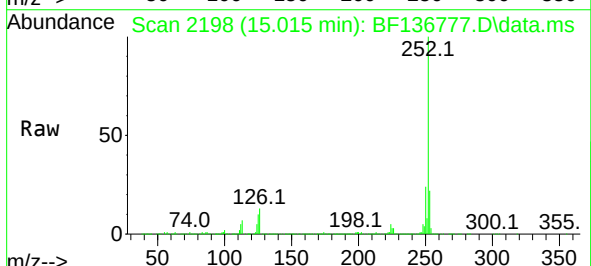
Manual Integrations

APPROVED

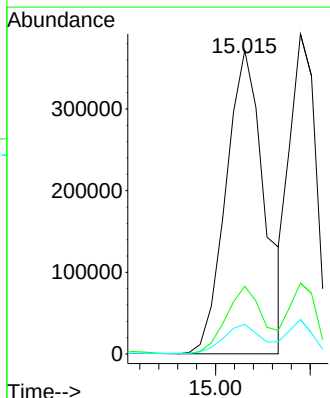
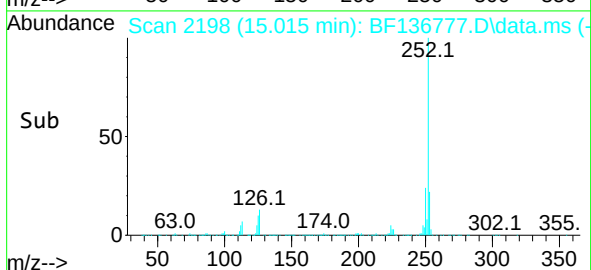
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

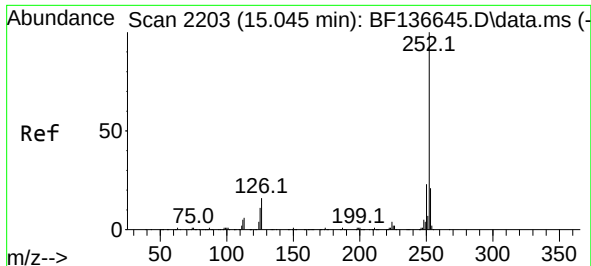


#88
Benzo(b)fluoranthene
Concen: 51.283 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion:252 Resp: 521749
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.641 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136777.D

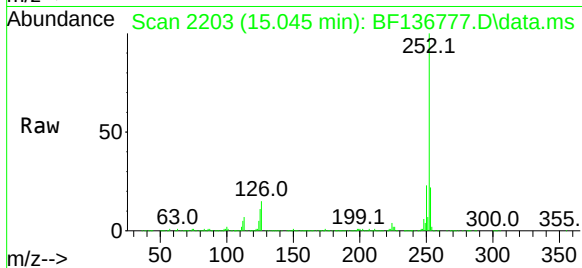
Acq: 28 Dec 2023 01:06

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMS



Tgt Ion:252 Resp: 381088

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

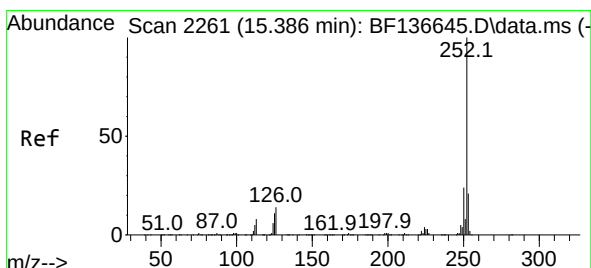
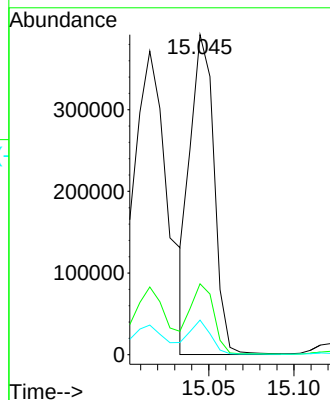
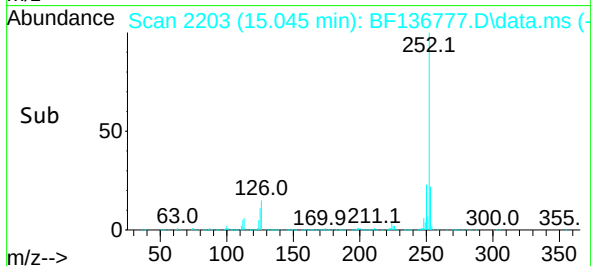
125 10.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#90

Benzo(a)pyrene

Concen: 46.452 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136777.D

Acq: 28 Dec 2023 01:06

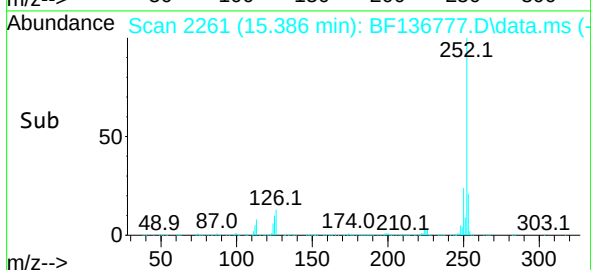
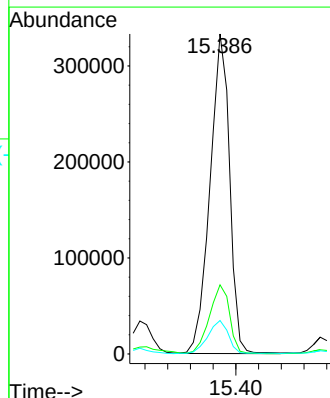
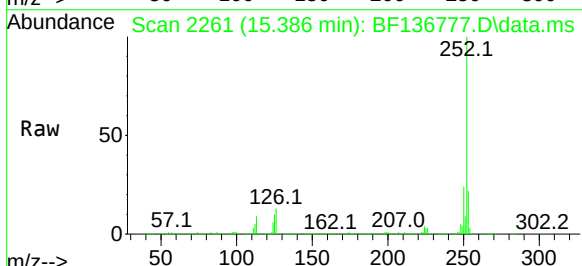
Tgt Ion:252 Resp: 398928

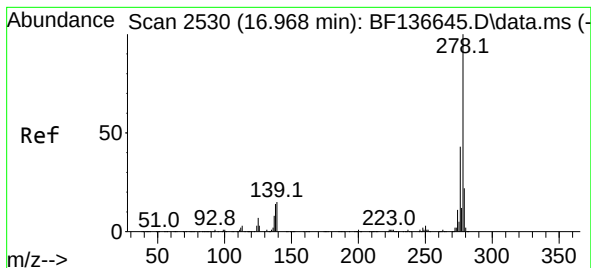
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

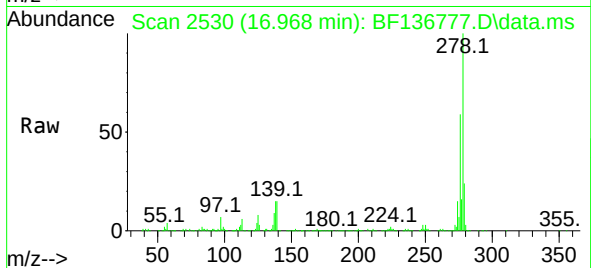
125 10.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 32.058 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06

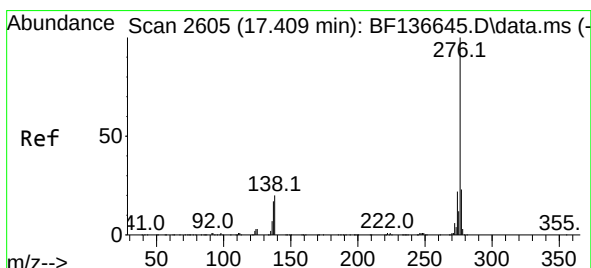
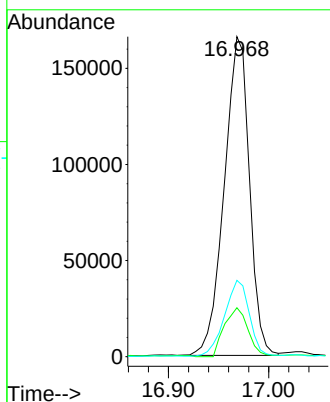
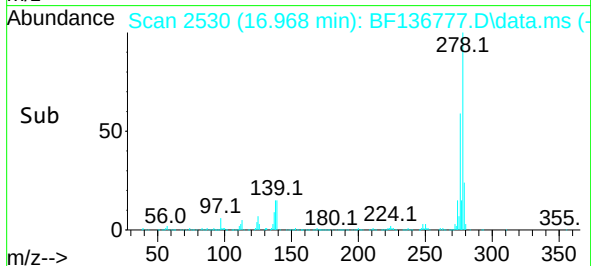
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMS



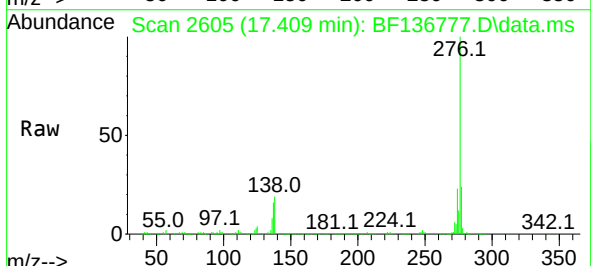
Tgt Ion:278 Resp: 28925
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.8 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#92
Benzo(g,h,i)perylene
Concen: 29.861 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136777.D
Acq: 28 Dec 2023 01:06



Tgt Ion:276 Resp: 275960
Ion Ratio Lower Upper
276 100
277 24.3 18.3 27.5
138 18.7 15.6 23.4

