

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136579.D
 Acq On : 14 Dec 2023 20:53
 Operator : CG\JU
 Sample : 05691-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-LINDENMS

Quant Time: Dec 15 00:38:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 12/15/2023

Supervised By :mohammad
 ahmed
 12/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	109885	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	431476	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	205526	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	337799	20.000	ng	0.00
76) Chrysene-d12	13.969	240	224934	20.000	ng	0.00
86) Perylene-d12	15.445	264	259611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	781125	104.981	ng	0.02
7) Phenol-d6	6.446	99	944500	101.742	ng	0.01
23) Nitrobenzene-d5	7.351	82	586204	73.446	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	256811	101.340	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1155597	76.721	ng	0.00
79) Terphenyl-d14	12.910	244	1050996	61.585	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	108471	36.858	ng	98
3) Pyridine	3.387	79	269745	37.848	ng	96
4) n-Nitrosodimethylamine	3.352	42	131136	42.351	ng	99
6) Aniline	6.457	93	345303	36.805	ng	# 25
8) 2-Chlorophenol	6.581	128	357773	44.045	ng	98
9) Benzaldehyde	6.340	77	118156	22.622	ng	95
10) Phenol	6.457	94	410863	41.592	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	318342	43.235	ng	99
12) 1,3-Dichlorobenzene	6.728	146	376127	41.174	ng	98
13) 1,4-Dichlorobenzene	6.804	146	385098	41.557	ng	99
14) 1,2-Dichlorobenzene	6.957	146	362594	41.610	ng	98
15) Benzyl Alcohol	6.940	79	288639	46.432	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	375192	39.619	ng	93
17) 2-Methylphenol	7.051	107	274273	41.794	ng	93
18) Hexachloroethane	7.293	117	135109	41.761	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	226291	42.257	ng	100
20) 3+4-Methylphenols	7.204	107	344255	42.263	ng	# 87
22) Acetophenone	7.198	105	489781	45.968	ng	# 96
24) Nitrobenzene	7.375	77	334957	41.718	ng	92
25) Isophorone	7.610	82	627429	43.756	ng	98
26) 2-Nitrophenol	7.687	139	187741	47.563	ng	93
27) 2,4-Dimethylphenol	7.728	122	262549	53.943	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	394895	44.817	ng	98
29) 2,4-Dichlorophenol	7.934	162	287189	44.703	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	326467	43.580	ng	97
31) Naphthalene	8.087	128	1035949	43.538	ng	99
32) Benzoic acid	7.863	122	161280	33.403	ng	90
33) 4-Chloroaniline	8.140	127	213554	25.175	ng	99
34) Hexachlorobutadiene	8.204	225	189706	42.730	ng	99
35) Caprolactam	8.516	113	81848m	41.371	ng	
36) 4-Chloro-3-methylphenol	8.634	107	281692	41.296	ng	99
37) 2-Methylnaphthalene	8.781	142	645384	42.634	ng	95
38) 1-Methylnaphthalene	8.881	142	619330	41.694	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	328201	51.328	ng	98
41) Hexachlorocyclopentadiene	8.934	237	251028	105.969	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	198322	47.634	ng	97

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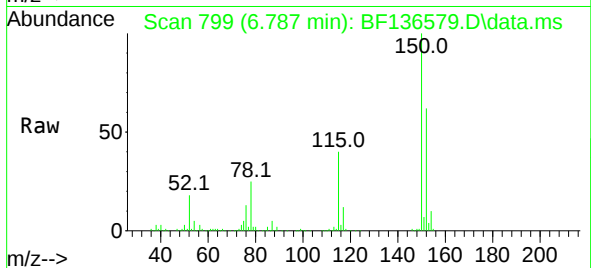
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	203138	43.715	ng	93
46) 1,1'-Biphenyl	9.245	154	843835	48.252	ng	97
47) 2-Chloronaphthalene	9.269	162	615202	45.198	ng	96
48) 2-Nitroaniline	9.375	65	162947	44.635	ng	# 81
49) Acenaphthylene	9.686	152	943113	48.640	ng	99
50) Dimethylphthalate	9.551	163	722608	47.755	ng	99
51) 2,6-Dinitrotoluene	9.616	165	156088	45.852	ng	98
52) Acenaphthene	9.857	154	559626	45.040	ng	96
53) 3-Nitroaniline	9.786	138	119031	34.241	ng	96
54) 2,4-Dinitrophenol	9.892	184	98243	57.080	ng	95
55) Dibenzofuran	10.034	168	820074	45.179	ng	98
56) 4-Nitrophenol	9.963	139	195458	75.004	ng	99
57) 2,4-Dinitrotoluene	10.022	165	195988	43.521	ng	100
58) Fluorene	10.375	166	631202	43.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	157051	42.193	ng	99
60) Diethylphthalate	10.257	149	672530	45.199	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	315488	44.415	ng	96
62) 4-Nitroaniline	10.404	138	131144	37.994	ng	99
63) Azobenzene	10.528	77	566708	41.844	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	77961	37.266	ng	93
66) n-Nitrosodiphenylamine	10.492	169	548295	50.584	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	193884	49.366	ng	93
68) Hexachlorobenzene	10.922	284	212920	46.906	ng	96
69) Atrazine	11.022	200	182533	59.002	ng	99
70) Pentachlorophenol	11.122	266	207556	81.017	ng	99
71) Phenanthrene	11.339	178	866308	46.659	ng	98
72) Anthracene	11.392	178	885221	47.336	ng	98
73) Carbazole	11.551	167	716783	43.306	ng	99
74) Di-n-butylphthalate	11.880	149	946947	46.669	ng	99
75) Fluoranthene	12.533	202	839227	43.132	ng	98
77) Benzidine	12.657	184	315697	51.467	ng	99
78) Pyrene	12.763	202	849986	38.585	ng	98
80) Butylbenzylphthalate	13.386	149	347675	44.335	ng	93
81) Benzo(a)anthracene	13.957	228	727628	46.440	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	253302	57.660	ng	99
83) Chrysene	13.992	228	716339	46.470	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	467113	48.589	ng	98
85) Di-n-octyl phthalate	14.569	149	797642	56.171	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	769392	42.659	ng	99
88) Benzo(b)fluoranthene	15.010	252	798446	44.982	ng	100
89) Benzo(k)fluoranthene	15.045	252	672119	40.179	ng	98
90) Benzo(a)pyrene	15.380	252	665676	45.411	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	638274	43.198	ng	99
92) Benzo(g,h,i)perylene	17.410	276	575163	37.925	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

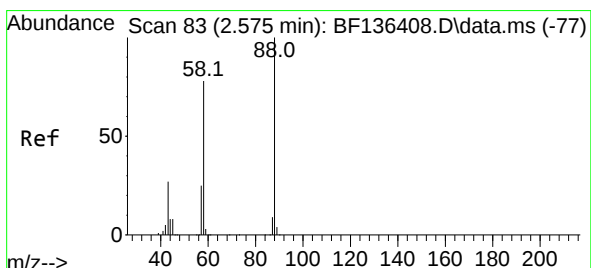
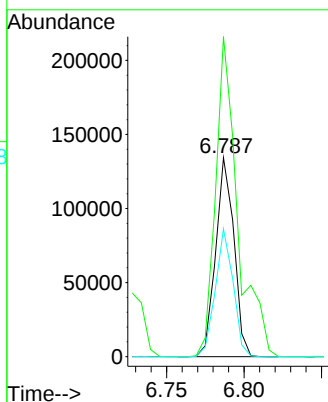
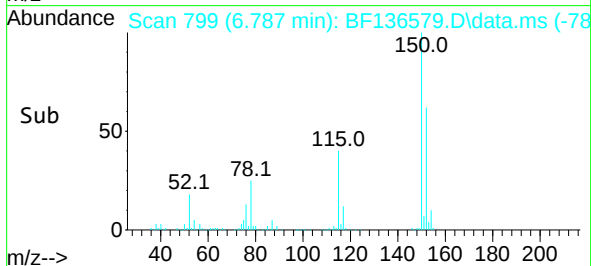


Tgt Ion:152 Resp: 109885
Ion Ratio Lower Upper
152 100
150 160.7 126.4 189.6
115 64.1 48.2 72.4

Manual Integrations
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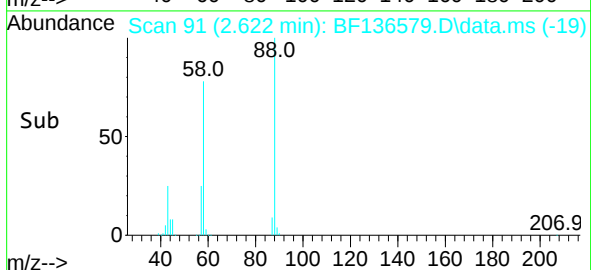
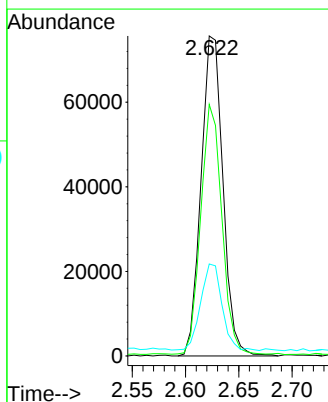
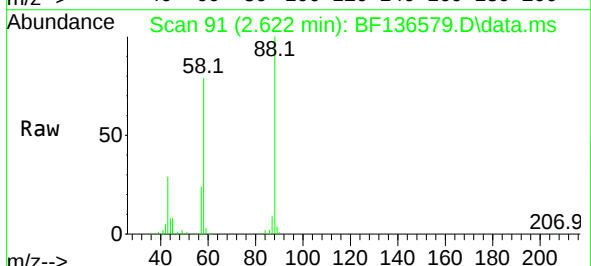
Reviewed By :Yogesh
Patel
12/15/2023

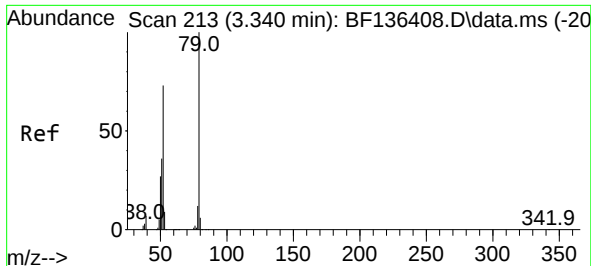
Supervised By :mohammad
ahmed
12/15/2023



#2
1,4-Dioxane
Concen: 36.858 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.071 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

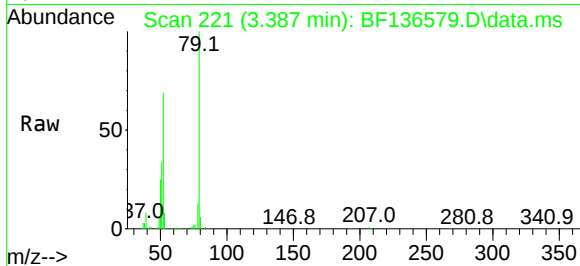
Tgt Ion: 88 Resp: 108471
Ion Ratio Lower Upper
88 100
58 75.1 62.2 93.2
43 26.6 21.5 32.3





#3
 Pyridine
 Concen: 37.848 ng
 RT: 3.387 min Scan# 213
 Delta R.T. 0.077 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-LINDENMS

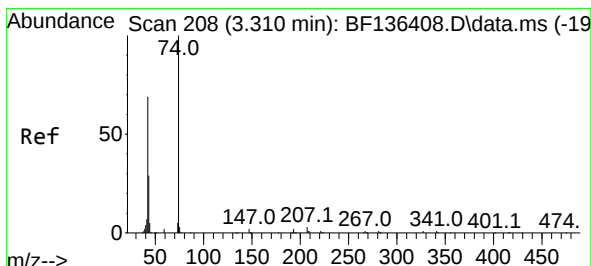
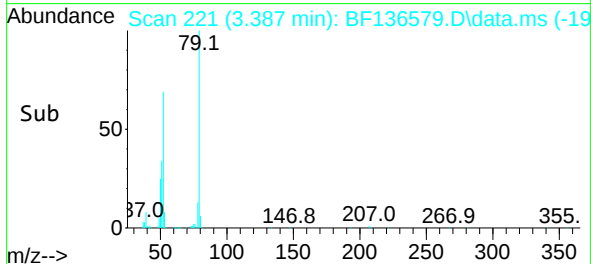
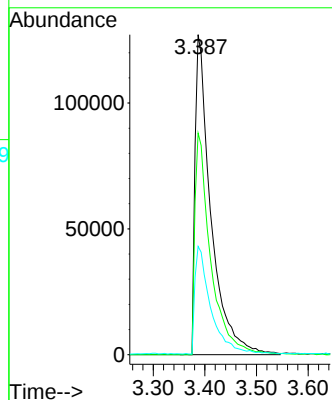


Tgt Ion: 79 Resp: 26974
 Ion Ratio Lower Upper
 79 100
 52 69.2 58.2 87.2
 51 33.8 29.1 43.7

Manual Integrations
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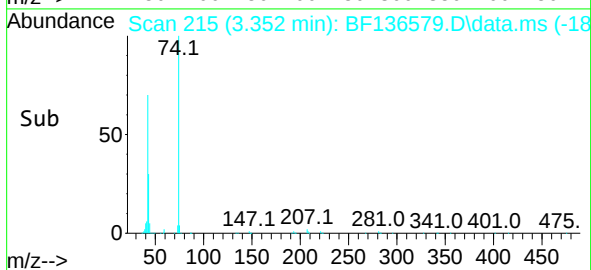
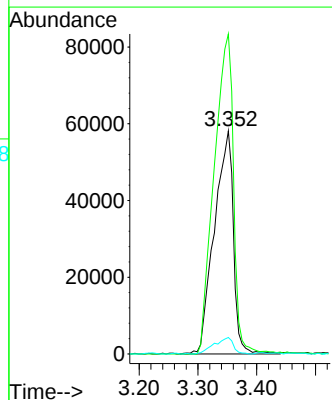
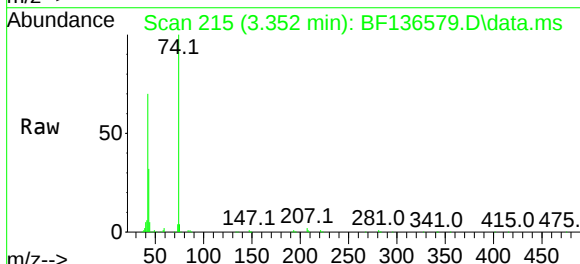
Reviewed By :Yogesh
 Patel
 12/15/2023

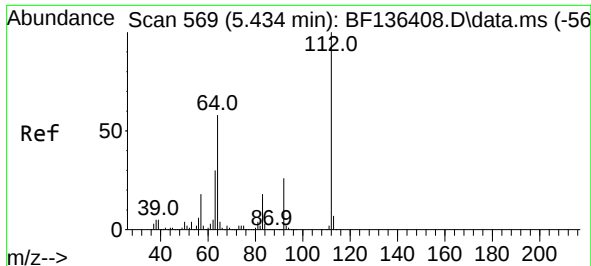
Supervised By :mohammad
 ahmed
 12/15/2023



#4
 n-Nitrosodimethylamine
 Concen: 42.351 ng
 RT: 3.352 min Scan# 215
 Delta R.T. 0.065 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

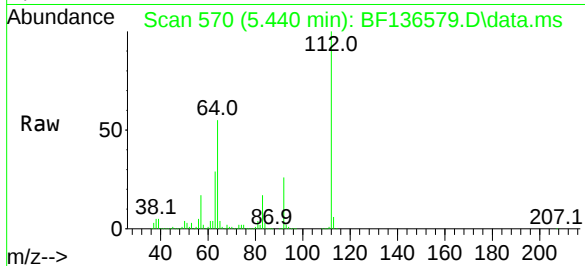
Tgt Ion: 42 Resp: 131136
 Ion Ratio Lower Upper
 42 100
 74 143.5 115.4 173.0
 44 7.4 6.2 9.2





#5
2-Fluorophenol
Concen: 104.981 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

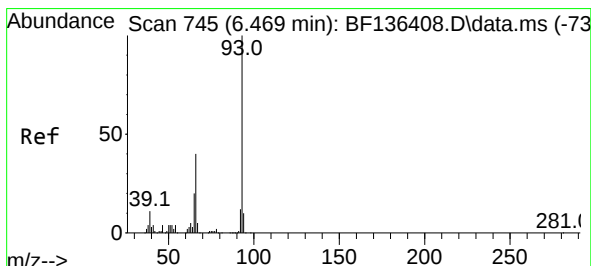
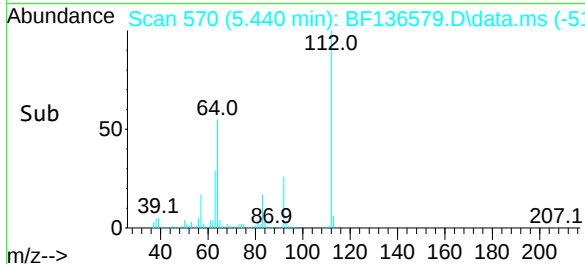
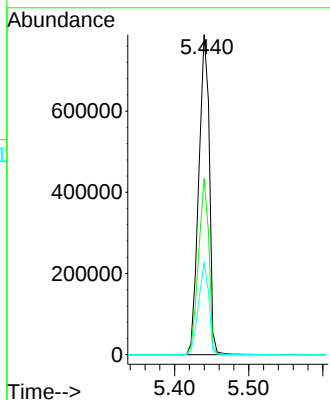


Tgt Ion: 112 Resp: 781125
Ion Ratio Lower Upper
112 100
64 55.1 46.5 69.7
63 28.7 23.9 35.9

Manual Integrations
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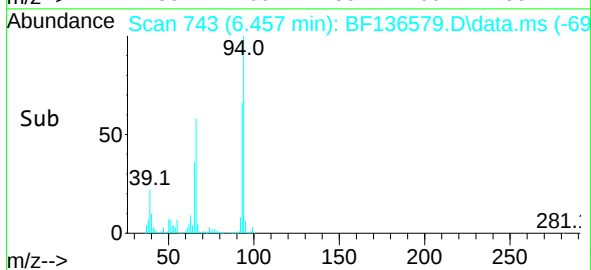
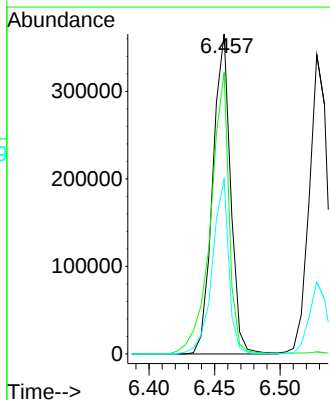
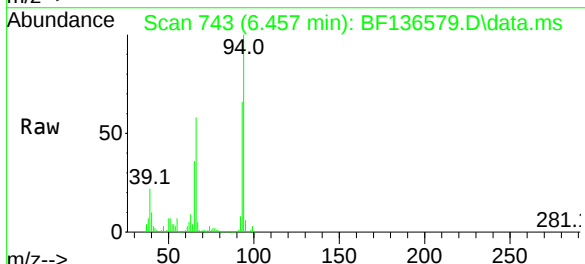
Reviewed By :Yogesh
Patel
12/15/2023

Supervised By :mohammad
ahmed
12/15/2023



#6
Aniline
Concen: 36.805 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

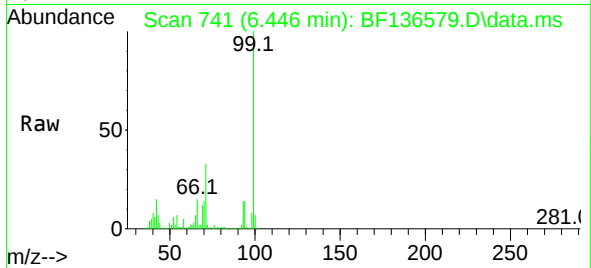
Tgt Ion: 93 Resp: 345303
Ion Ratio Lower Upper
93 100
66 88.0 32.5 48.7#
65 54.6 16.4 24.6#





#7
Phenol-d6
Concen: 101.742 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
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ClientSampleId :
SP-LINDENMS

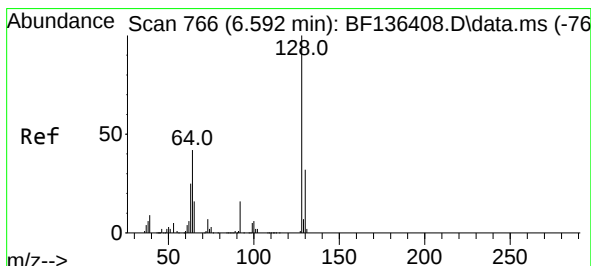
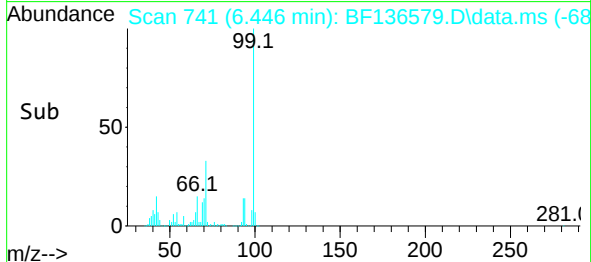
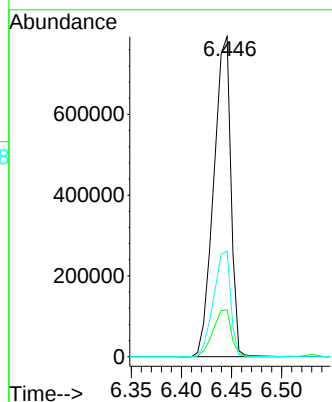


Tgt Ion: 99 Resp: 944500
Ion Ratio Lower Upper
99 100
42 14.6 12.8 19.2
71 33.1 27.0 40.4

Manual Integrations
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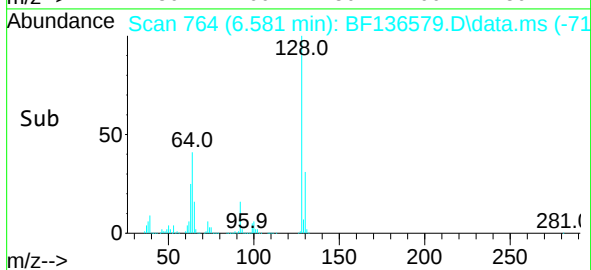
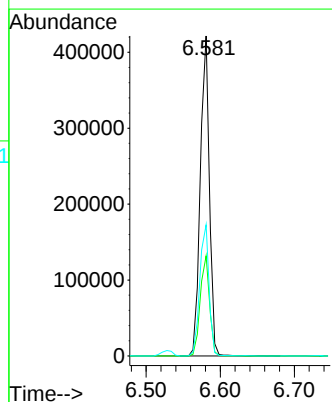
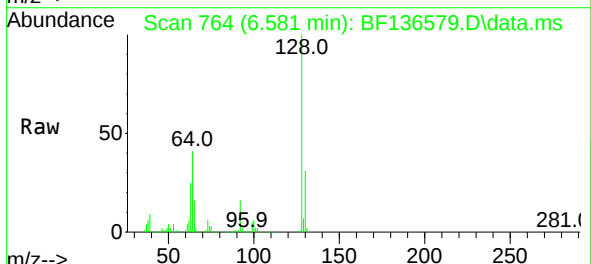
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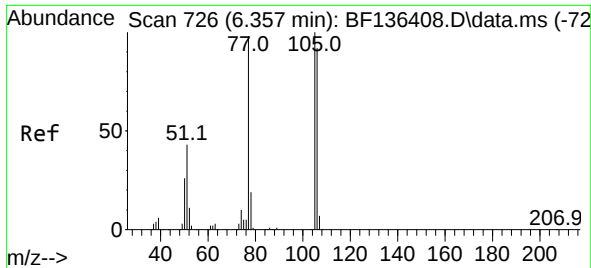
Supervised By :mohammad
ahmed
12/15/2023



#8
2-Chlorophenol
Concen: 44.045 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

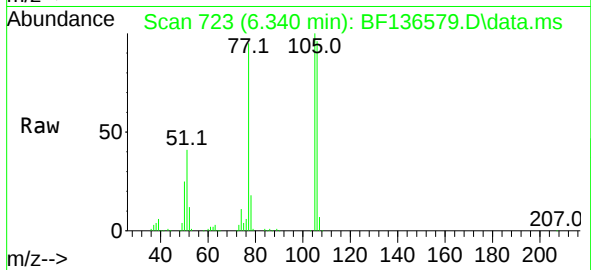
Tgt Ion:128 Resp: 357773
Ion Ratio Lower Upper
128 100
130 31.3 11.7 51.7
64 41.0 22.5 62.5





#9
Benzaldehyde
Concen: 22.622 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

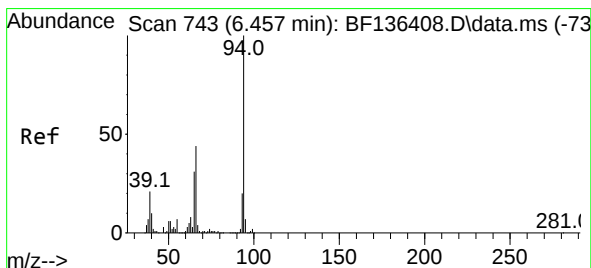
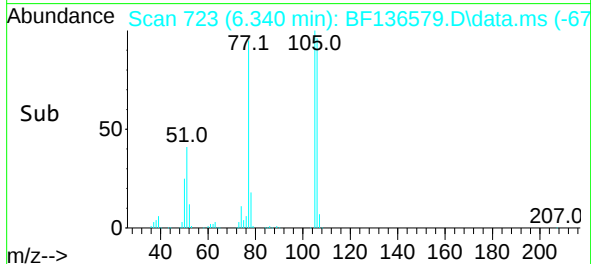
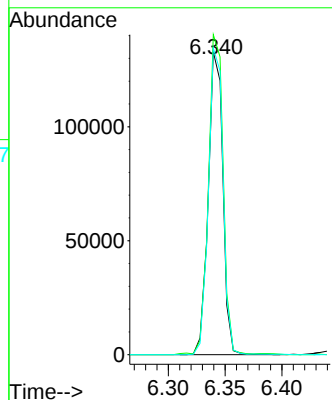


Tgt Ion: 77 Resp: 118150
Ion Ratio Lower Upper
77 100
105 105.7 82.5 122.5
106 101.3 74.5 114.5

Manual Integrations
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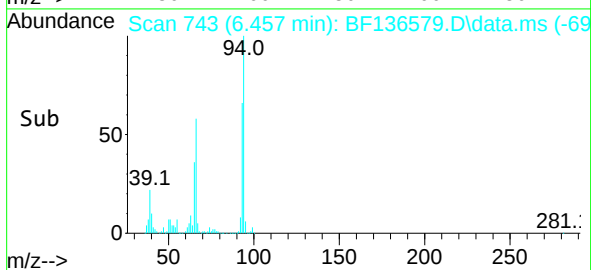
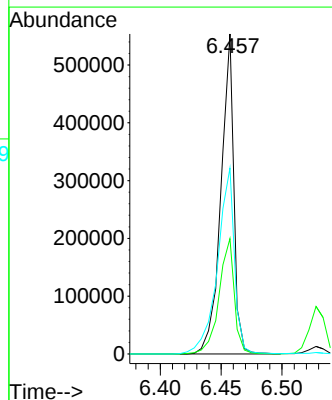
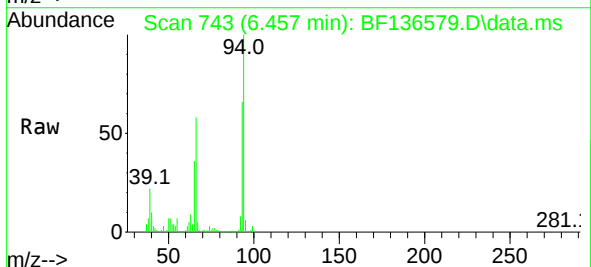
Reviewed By :Yogesh
Patel
12/15/2023

Supervised By :mohammad
ahmed
12/15/2023



#10
Phenol
Concen: 41.592 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

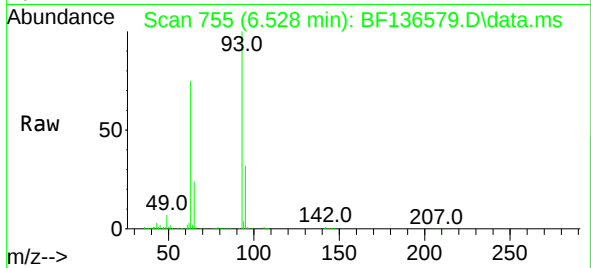
Tgt Ion: 94 Resp: 410863
Ion Ratio Lower Upper
94 100
65 36.0 11.2 51.2
66 58.1 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 43.235 ng
RT: 6.528 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

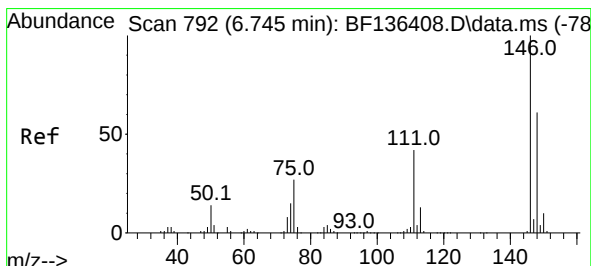
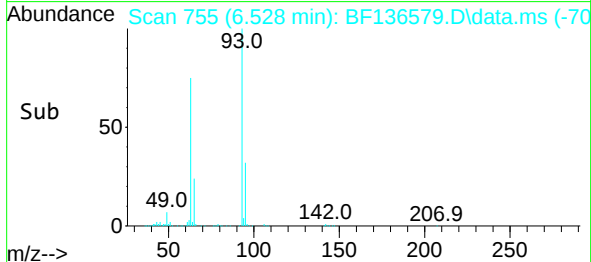
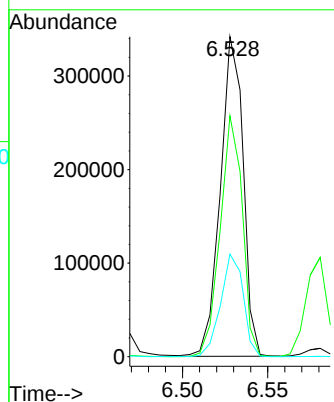


Tgt Ion: 93 Resp: 31834
Ion Ratio Lower Upper
93 100
63 75.2 56.8 96.8
95 32.0 11.8 51.8

Manual Integrations
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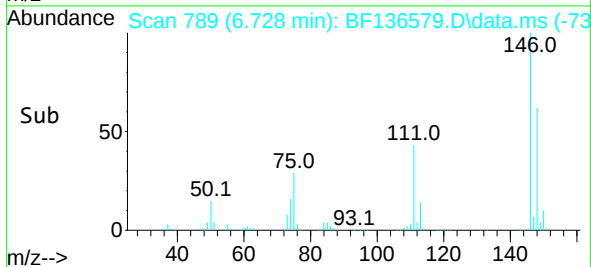
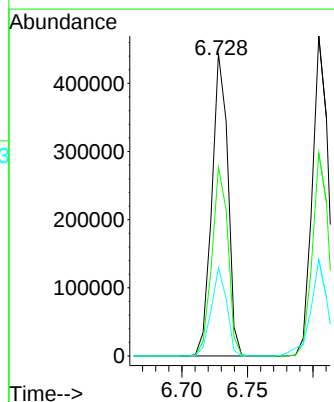
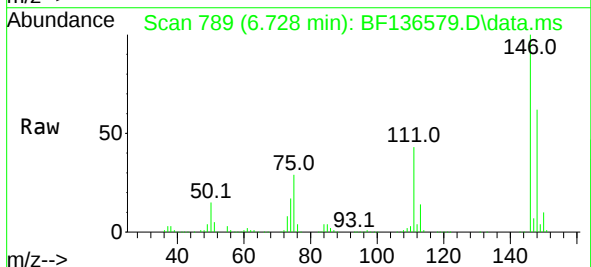
Reviewed By :Yogesh
Patel
12/15/2023

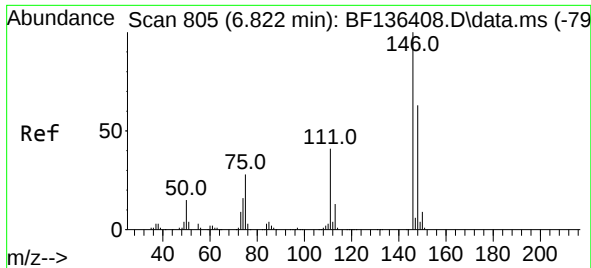
Supervised By :mohammad
ahmed
12/15/2023



#12
1,3-Dichlorobenzene
Concen: 41.174 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:146 Resp: 376127
Ion Ratio Lower Upper
146 100
148 62.3 49.0 73.6
75 29.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.557 ng

RT: 6.804 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMS

Tgt Ion:146 Resp: 385098

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

111 42.3 32.6 49.0

Manual Integrations

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Reviewed By :Yogesh

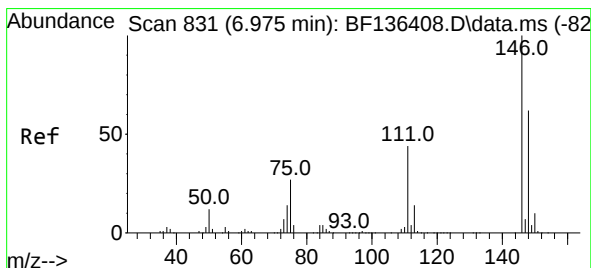
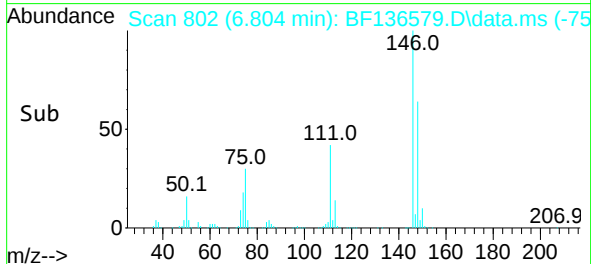
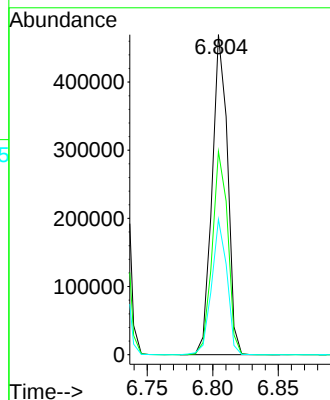
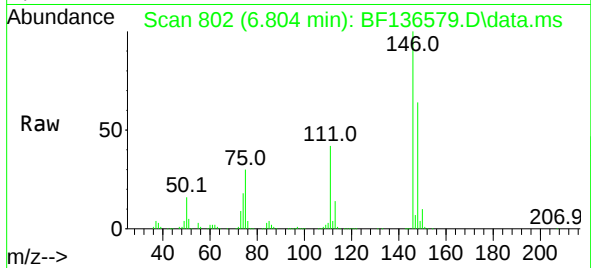
Patel

12/15/2023

Supervised By :mohammad

ahmed

12/15/2023



#14

1,2-Dichlorobenzene

Concen: 41.610 ng

RT: 6.957 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

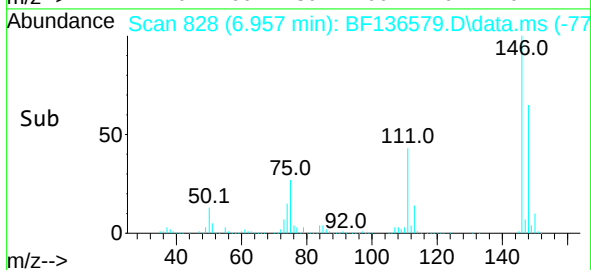
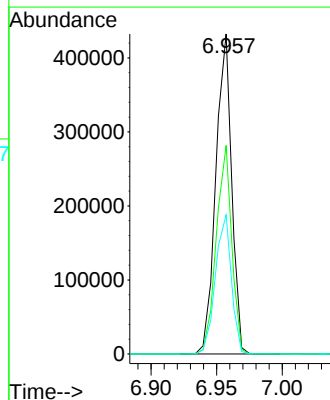
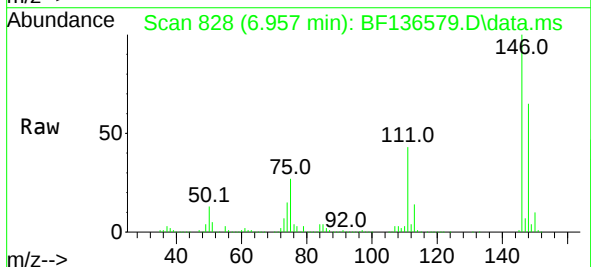
Tgt Ion:146 Resp: 362594

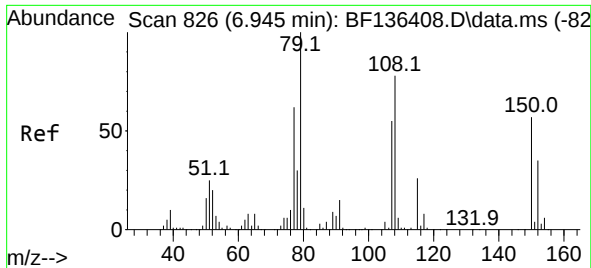
Ion Ratio Lower Upper

146 100

148 65.1 49.8 74.6

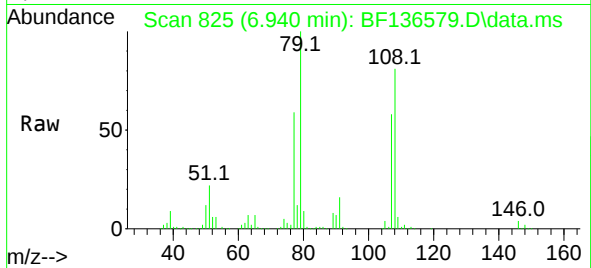
111 43.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 46.432 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

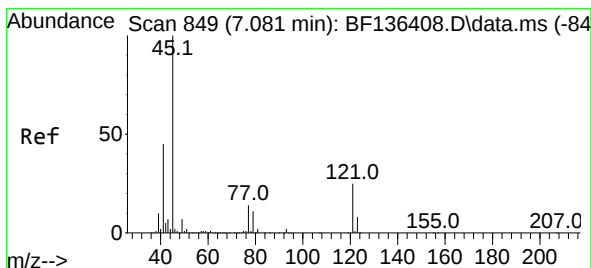
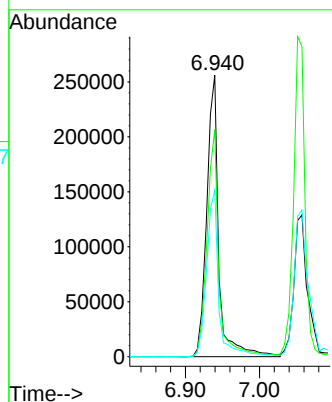


Tgt Ion: 79 Resp: 288639
Ion Ratio Lower Upper
79 100
108 80.6 62.3 93.5
77 59.2 49.8 74.8

Manual Integrations
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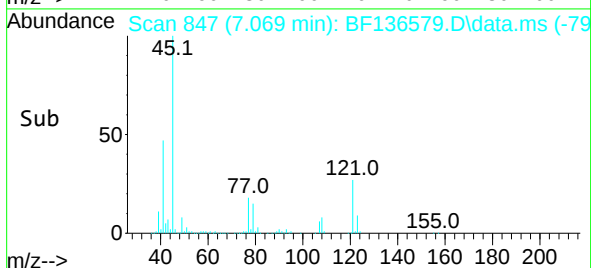
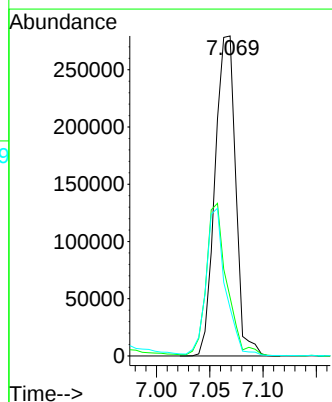
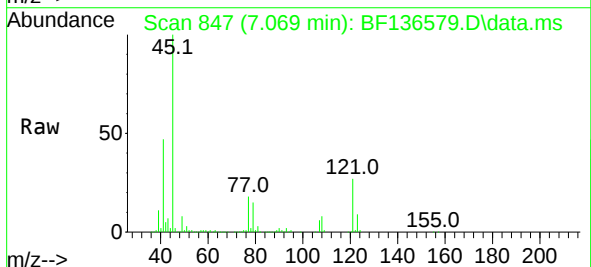
Reviewed By :Yogesh
Patel
12/15/2023

Supervised By :mohammad
ahmed
12/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.619 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

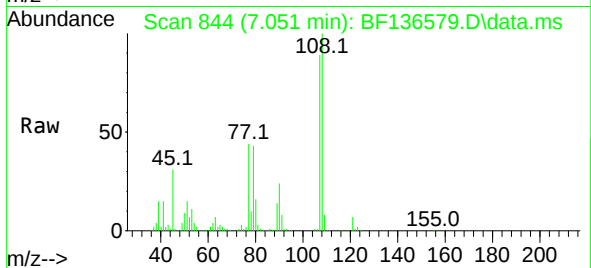
Tgt Ion: 45 Resp: 375192
Ion Ratio Lower Upper
45 100
77 18.3 0.0 35.3
79 15.0 0.0 32.5





#17
2-Methylphenol
Concen: 41.794 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

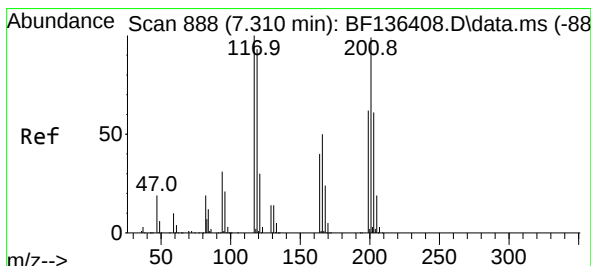
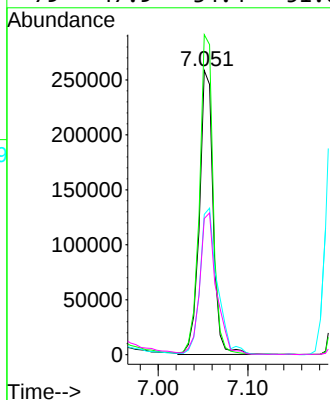
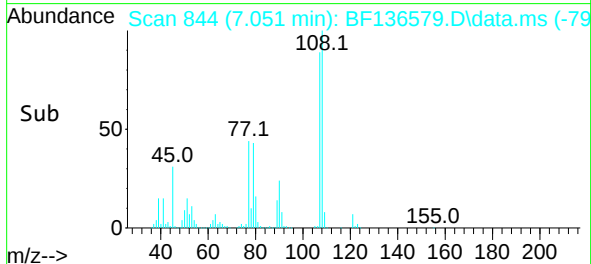


Tgt Ion:107 Resp: 27427
Ion Ratio Lower Upper
107 100
108 112.6 86.5 129.7
77 49.4 33.8 50.8
79 47.9 34.4 51.6

Manual Integrations
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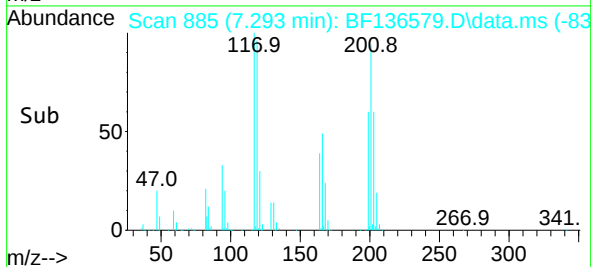
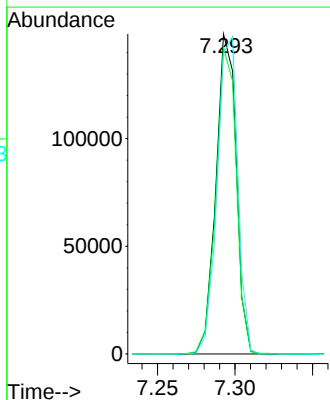
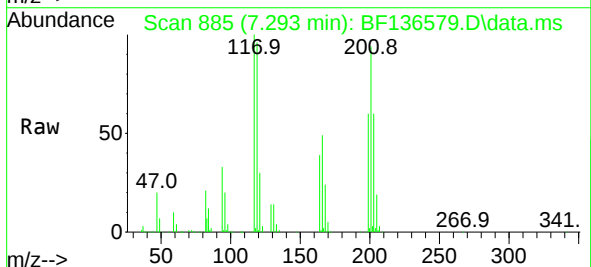
Reviewed By :Yogesh
Patel
12/15/2023

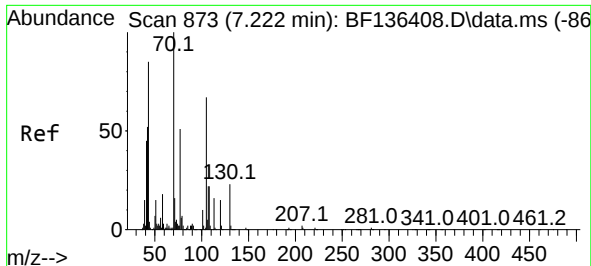
Supervised By :mohammad
ahmed
12/15/2023



#18
Hexachloroethane
Concen: 41.761 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

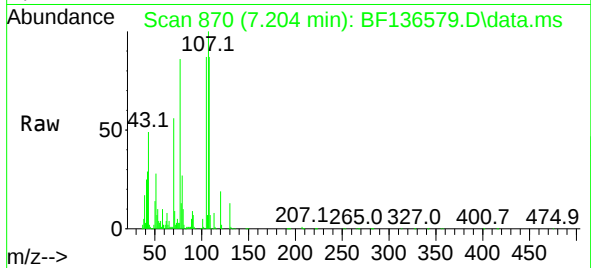
Tgt Ion:117 Resp: 135109
Ion Ratio Lower Upper
117 100
119 95.8 74.3 111.5
201 94.0 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 42.257 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

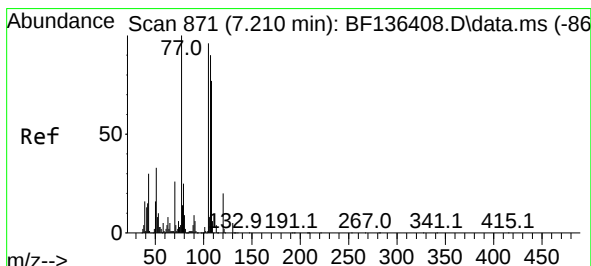
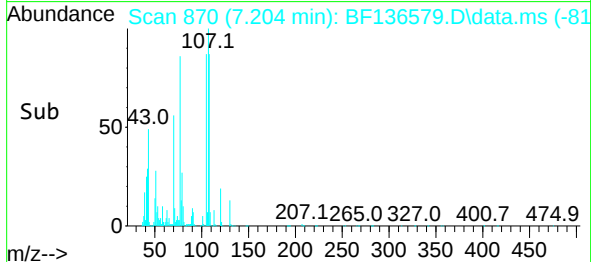
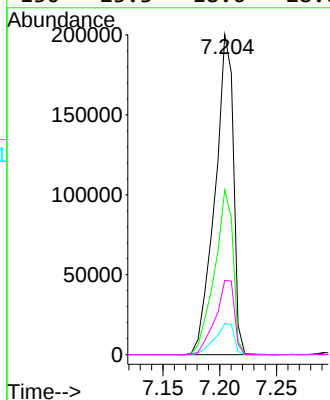


Tgt Ion: 70 Resp: 22629
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.0
101 9.7 8.2 12.4
130 23.3 18.6 28.0

Manual Integrations
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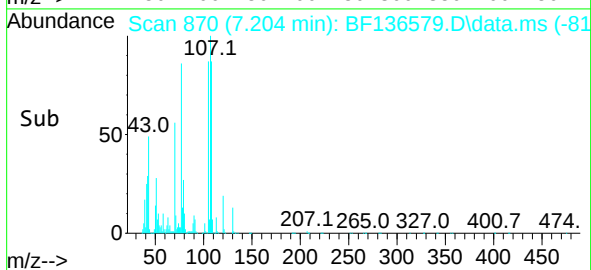
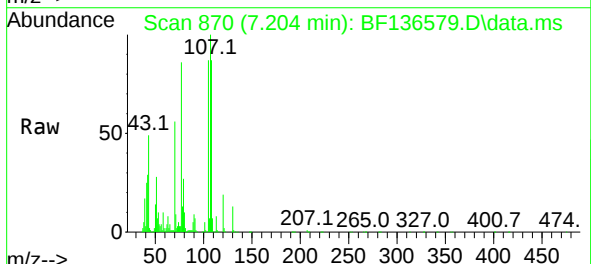
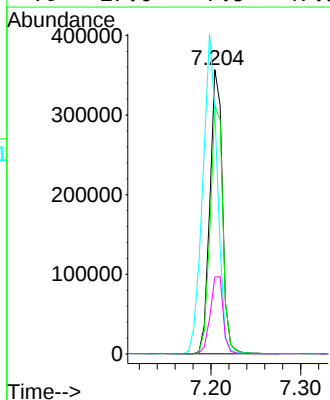
Reviewed By :Yogesh
Patel
12/15/2023

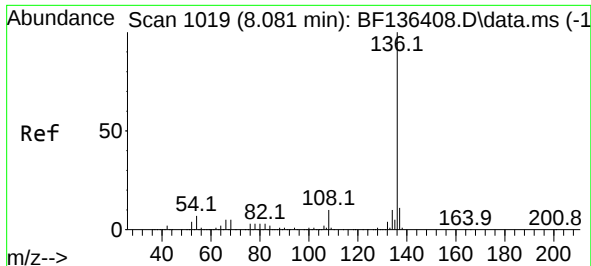
Supervised By :mohammad
ahmed
12/15/2023



#20
3+4-Methylphenols
Concen: 42.263 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

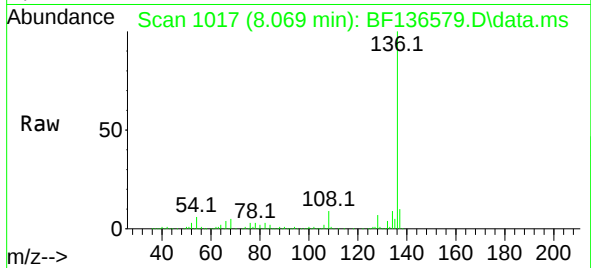
Tgt Ion:107 Resp: 344255
Ion Ratio Lower Upper
107 100
108 87.1 65.9 105.9
77 85.6 91.7 131.7#
79 27.0 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

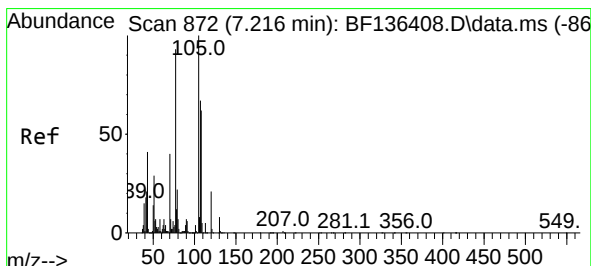
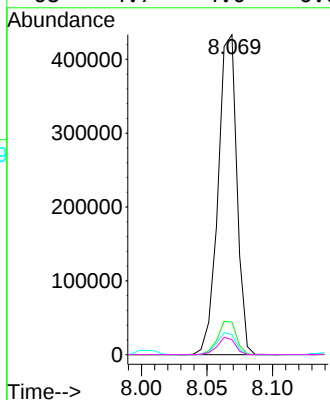
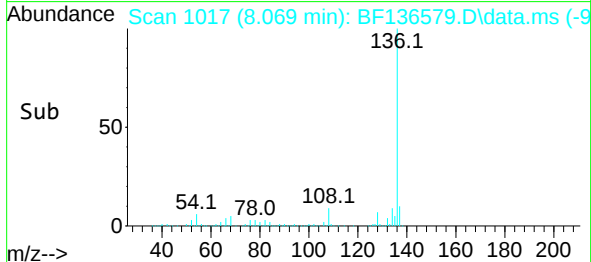


Tgt Ion:136 Resp: 431470
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 6.3 5.7 8.5
68 4.7 4.0 6.0

Manual Integrations
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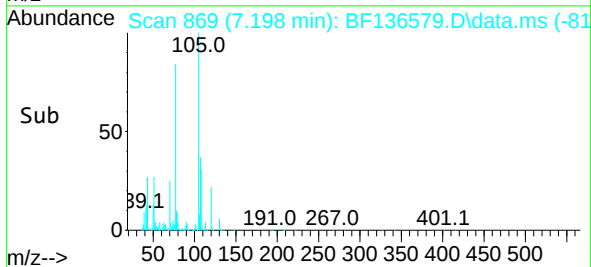
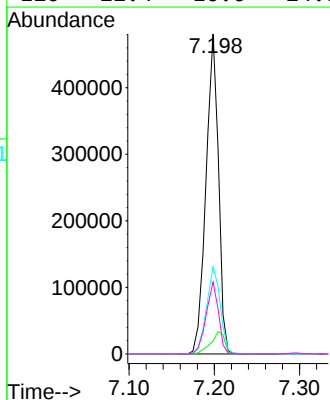
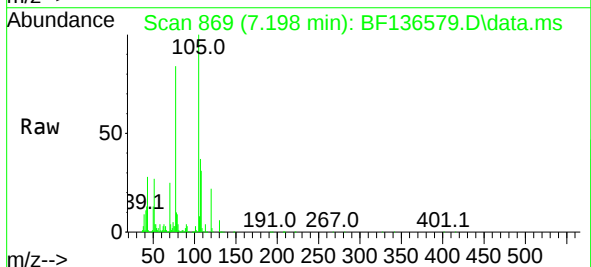
Reviewed By :Yogesh
Patel
12/15/2023

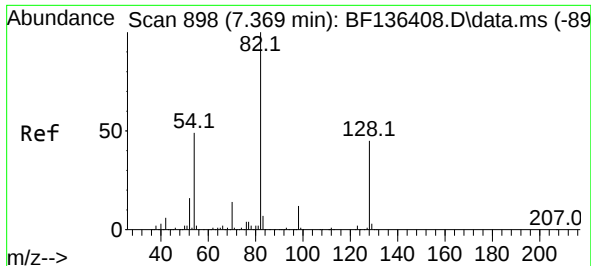
Supervised By :mohammad
ahmed
12/15/2023



#22
Acetophenone
Concen: 45.968 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

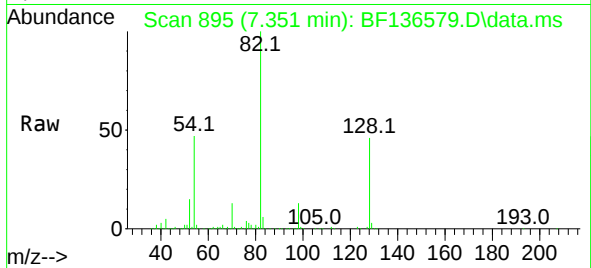
Tgt Ion:105 Resp: 489781
Ion Ratio Lower Upper
105 100
71 4.1 5.4 8.0#
51 27.3 23.4 35.2
120 22.4 16.6 24.8





#23
Nitrobenzene-d5
Concen: 73.446 ng
RT: 7.351 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

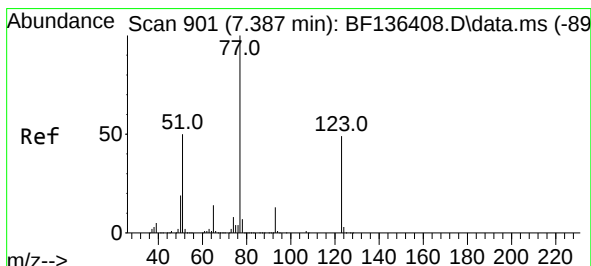
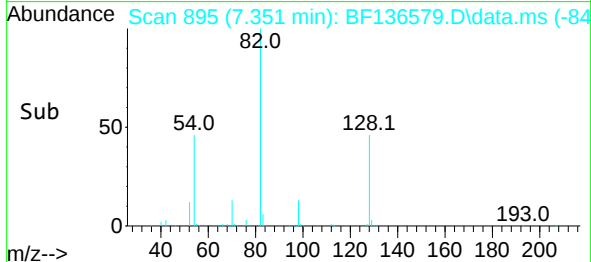
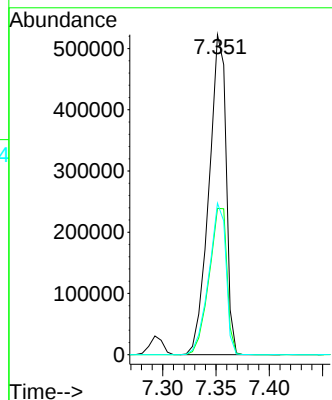


Tgt Ion: 82 Resp: 586204
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 47.4 39.0 58.6

Manual Integrations
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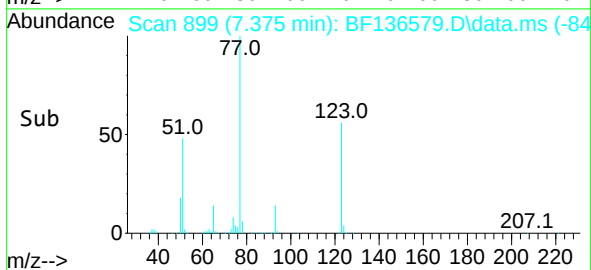
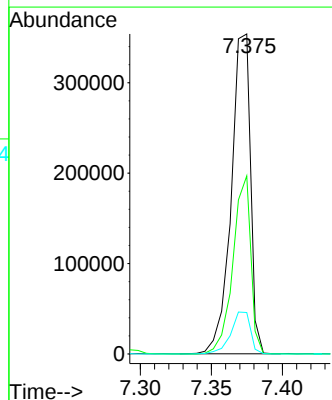
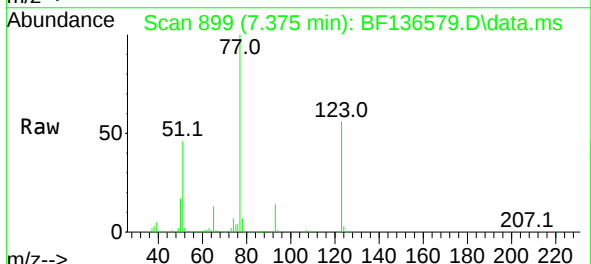
Reviewed By :Yogesh
Patel
12/15/2023

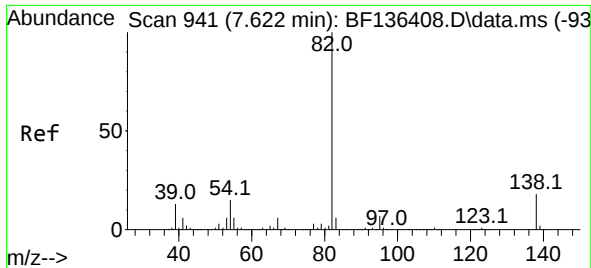
Supervised By :mohammad
ahmed
12/15/2023



#24
Nitrobenzene
Concen: 41.718 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

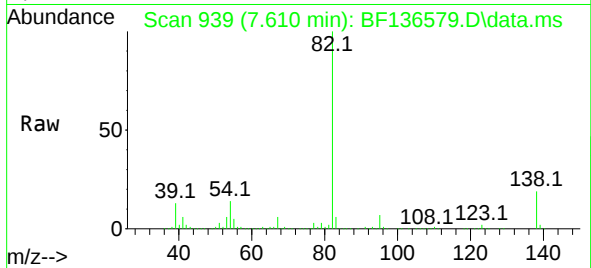
Tgt Ion: 77 Resp: 334957
Ion Ratio Lower Upper
77 100
123 55.7 39.0 58.6
65 13.0 11.3 16.9





#25
Isophorone
Concen: 43.756 ng
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

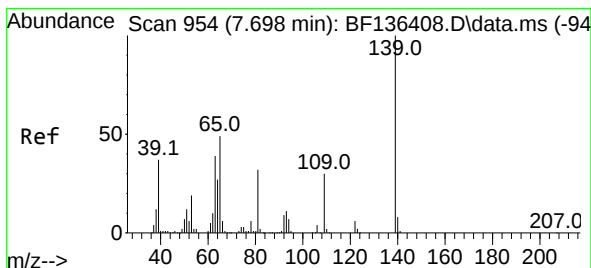
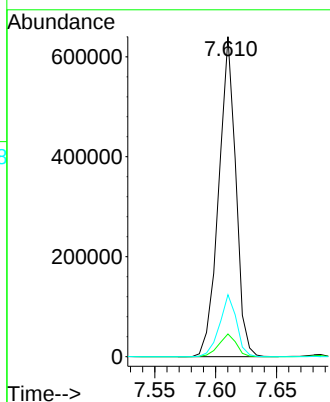


Tgt Ion: 82 Resp: 627429
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.4 14.5 21.7

Manual Integrations
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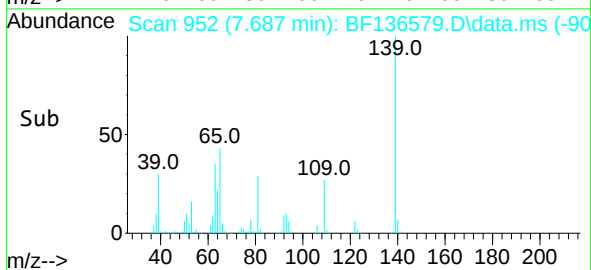
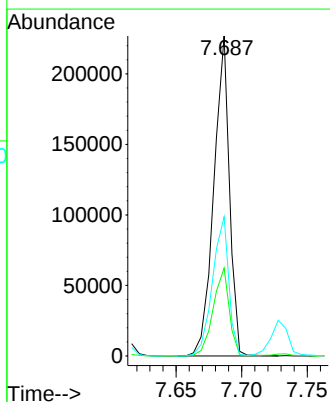
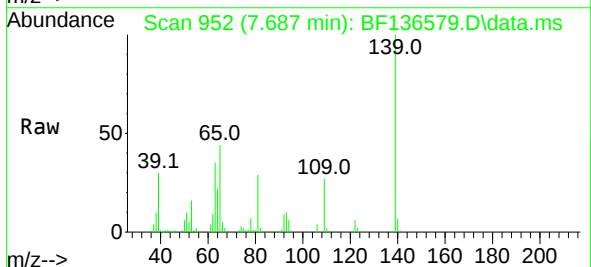
Reviewed By :Yogesh
Patel
12/15/2023

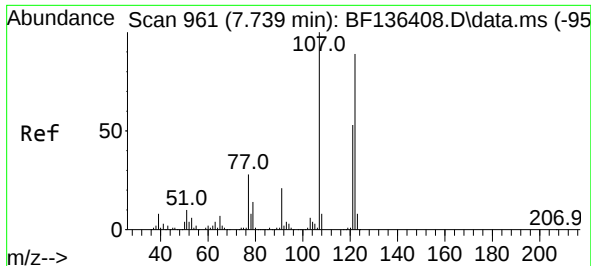
Supervised By :mohammad
ahmed
12/15/2023



#26
2-Nitrophenol
Concen: 47.563 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:139 Resp: 187741
Ion Ratio Lower Upper
139 100
109 27.5 23.6 35.4
65 43.5 39.4 59.2





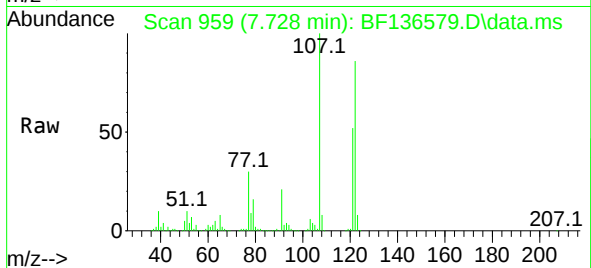
#27
2,4-Dimethylphenol
Concen: 53.943 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :

BNF

ClientSampleId :

SP-LINDENMS



Tgt Ion:122 Resp: 262549
Ion Ratio Lower Upper
122 100
107 115.7 89.3 133.9
121 60.5 47.6 71.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

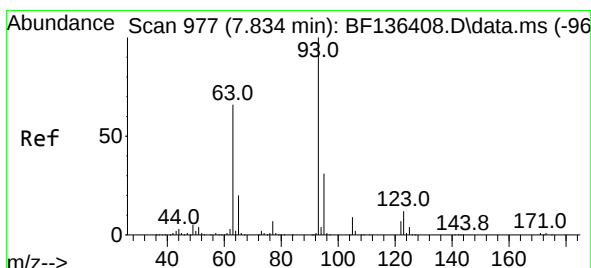
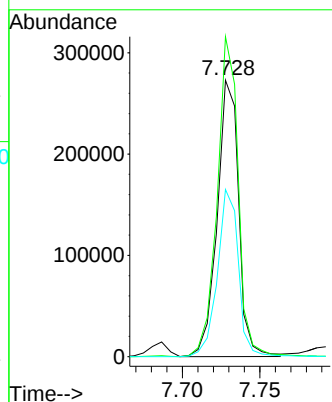
Patel

12/15/2023

Supervised By :mohammad

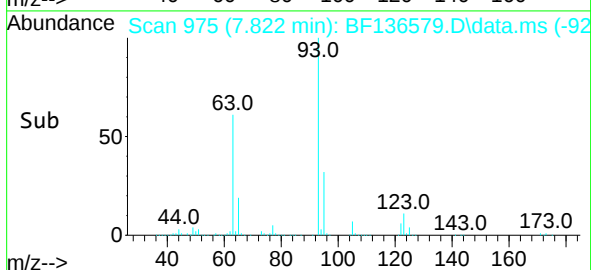
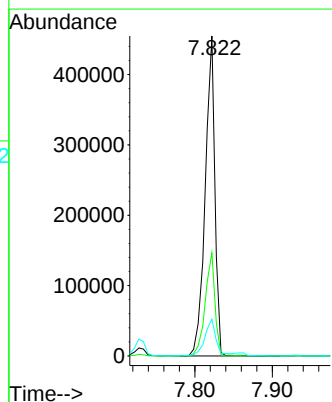
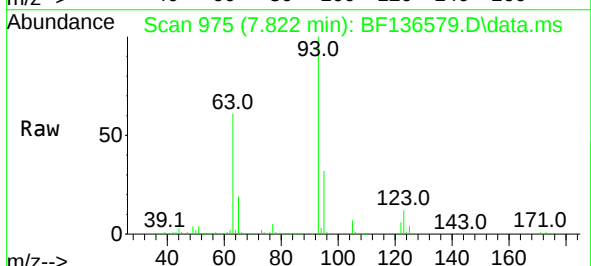
ahmed

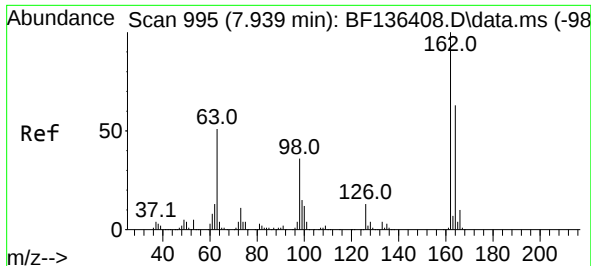
12/15/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.817 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion: 93 Resp: 394895
Ion Ratio Lower Upper
93 100
95 32.3 25.0 37.4
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.703 ng

RT: 7.934 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMS

Tgt Ion:162 Resp: 287189
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.0 83.0
 98 32.8 16.2 56.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh

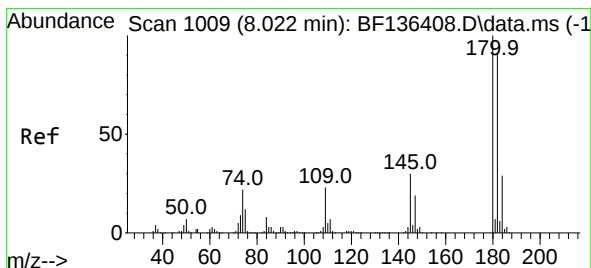
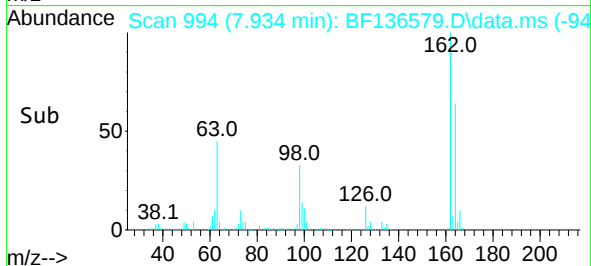
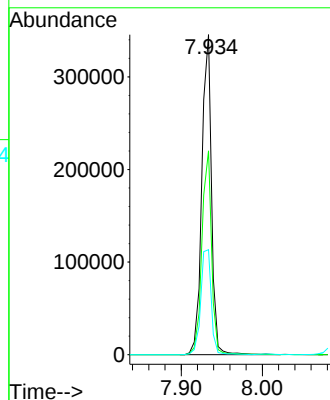
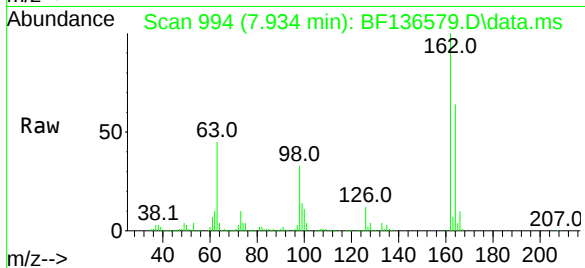
Patel

12/15/2023

Supervised By :mohammad

ahmed

12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.580 ng

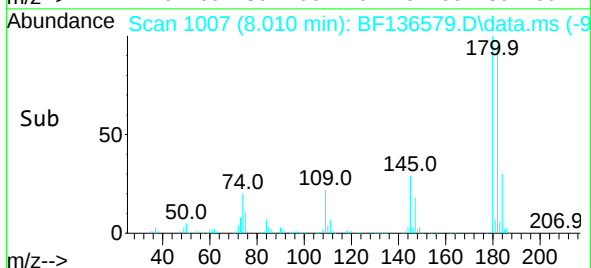
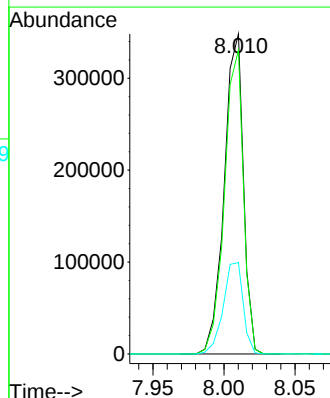
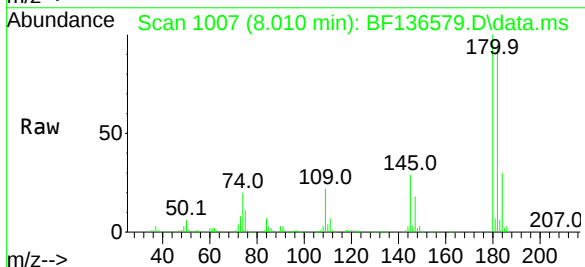
RT: 8.010 min Scan# 1007

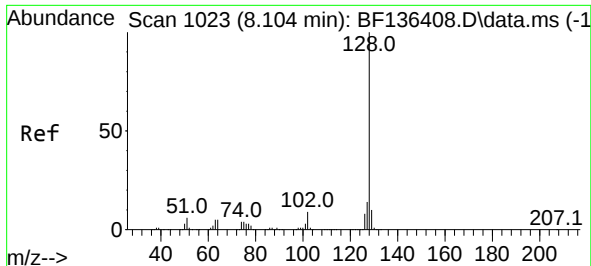
Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

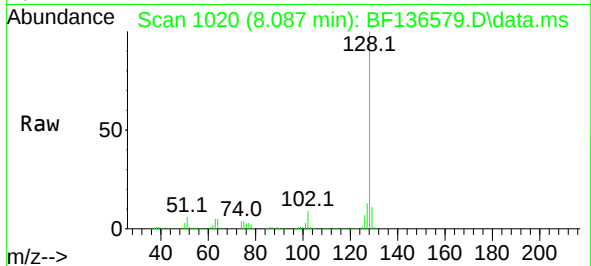
Tgt Ion:180 Resp: 326467
 Ion Ratio Lower Upper
 180 100
 182 95.0 73.1 109.7
 145 28.6 23.8 35.8





#31
Naphthalene
Concen: 43.538 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

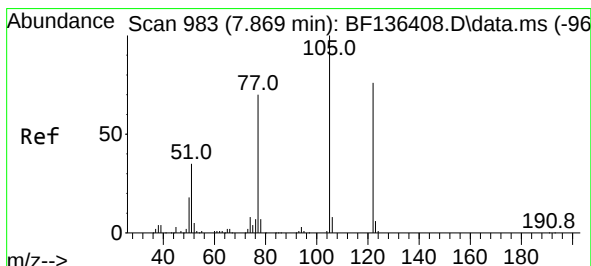
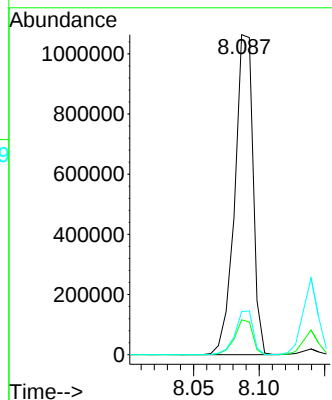


Tgt Ion:128 Resp: 1035949
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.5 11.1 16.7

Manual Integrations
APPROVED

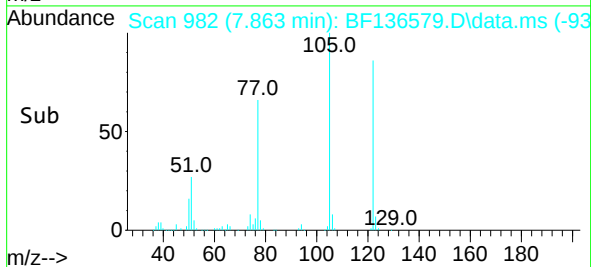
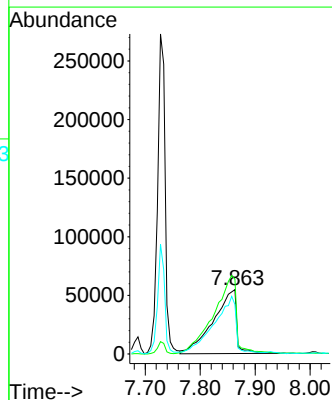
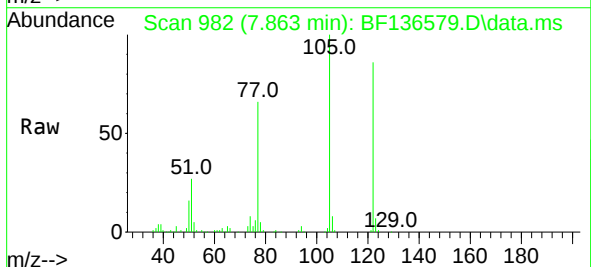
Reviewed By :Yogesh
Patel
12/15/2023

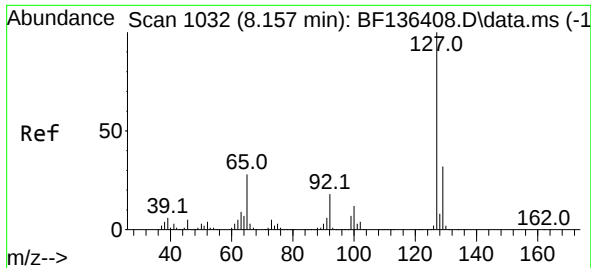
Supervised By :mohammad
ahmed
12/15/2023



#32
Benzoic acid
Concen: 33.403 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

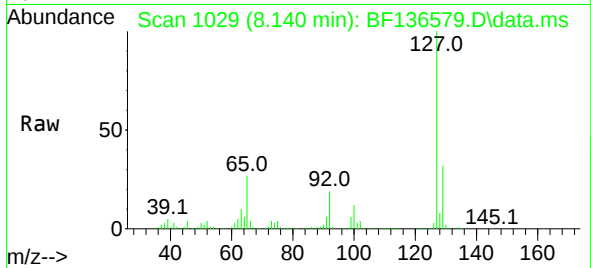
Tgt Ion:122 Resp: 161280
Ion Ratio Lower Upper
122 100
105 116.3 104.7 144.7
77 76.8 68.5 108.5





#33
4-Chloroaniline
Concen: 25.175 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

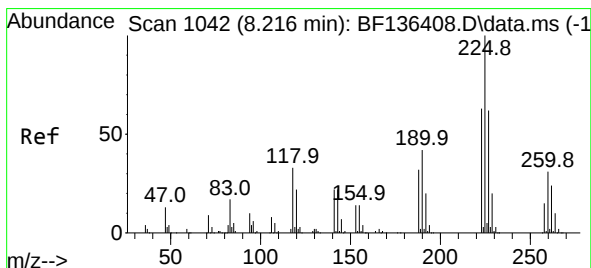
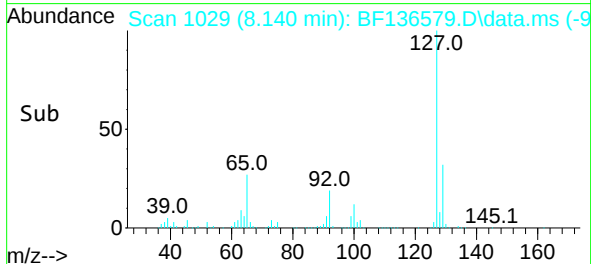
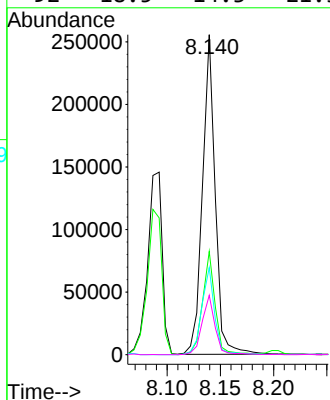


Tgt Ion:127 Resp: 213554
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 27.2 22.5 33.7
92 18.5 14.3 21.5

Manual Integrations
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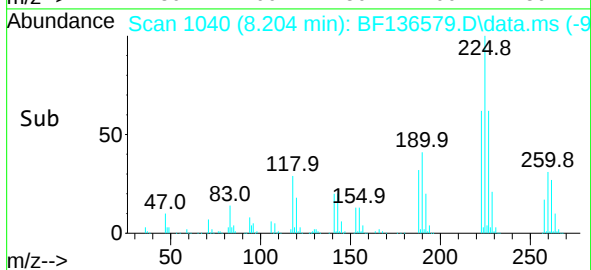
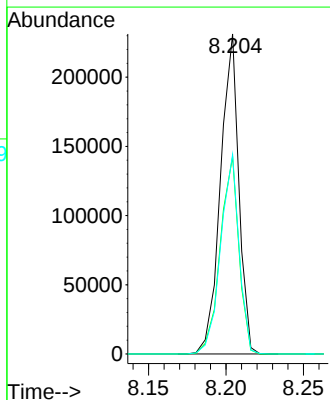
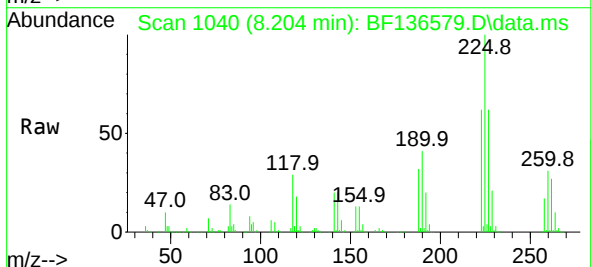
Reviewed By :Yogesh
Patel
12/15/2023

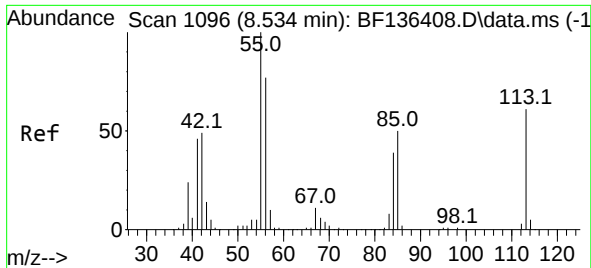
Supervised By :mohammad
ahmed
12/15/2023



#34
Hexachlorobutadiene
Concen: 42.730 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

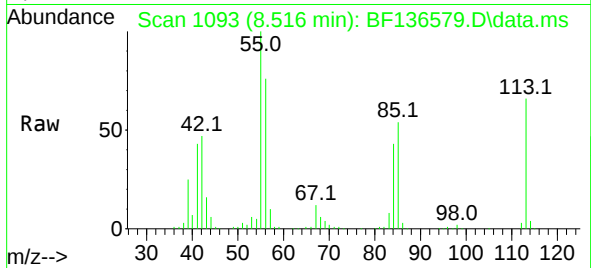
Tgt Ion:225 Resp: 189706
Ion Ratio Lower Upper
225 100
223 61.7 50.8 76.2
227 62.3 49.8 74.8





#35
Caprolactam
Concen: 41.371 ng m
RT: 8.516 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

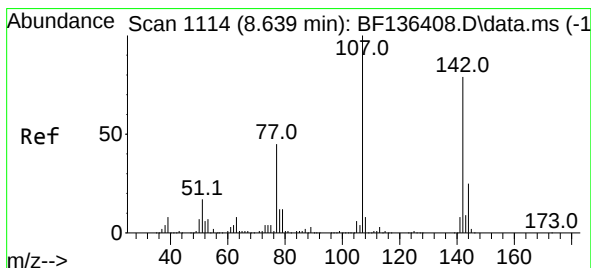
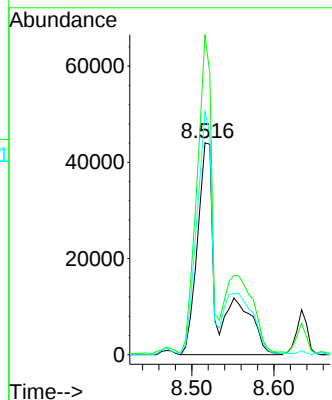


Tgt Ion:113 Resp: 8184
Ion Ratio Lower Upper
113 100
55 151.1 143.7 183.7
56 114.7 105.2 145.2

Manual Integrations
APPROVED

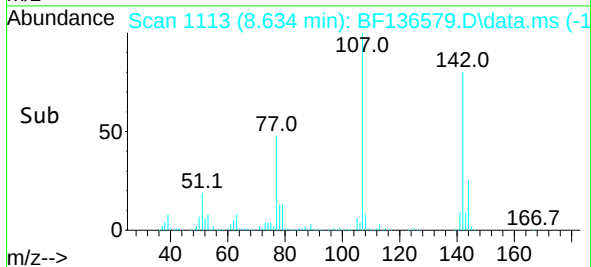
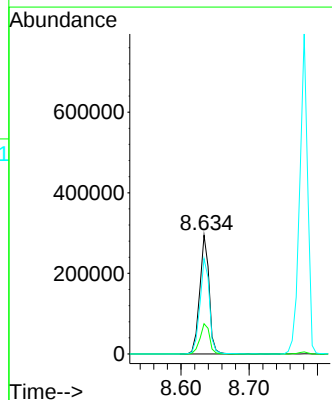
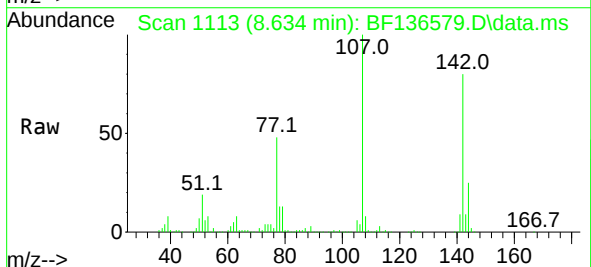
Reviewed By :Yogesh
Patel
12/15/2023

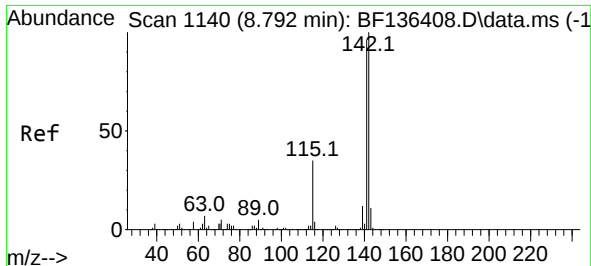
Supervised By :mohammad
ahmed
12/15/2023



#36
4-Chloro-3-methylphenol
Concen: 41.296 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:107 Resp: 281692
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 80.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 42.634 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMS

Tgt Ion:142 Resp: 645384

Ion Ratio Lower Upper

142 100

141 90.6 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

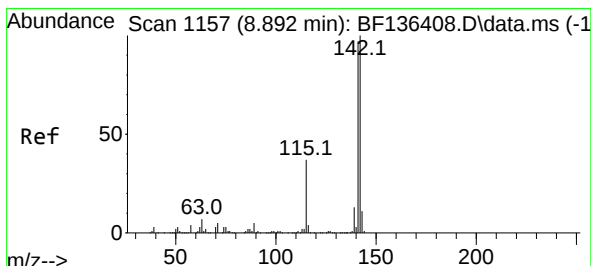
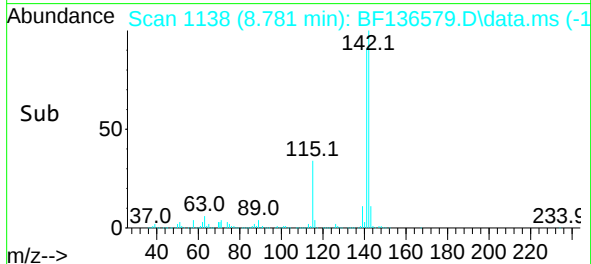
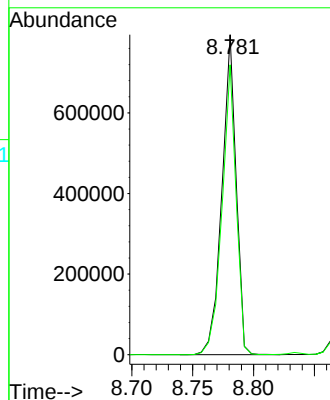
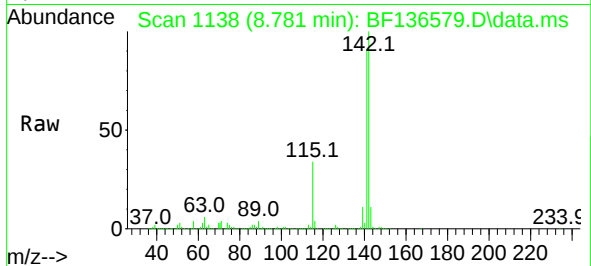
Patel

12/15/2023

Supervised By :mohammad

ahmed

12/15/2023



#38

1-Methylnaphthalene

Concen: 41.694 ng

RT: 8.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF136579.D

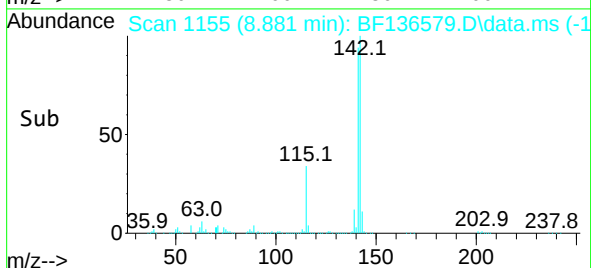
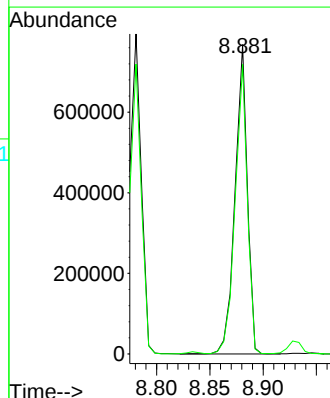
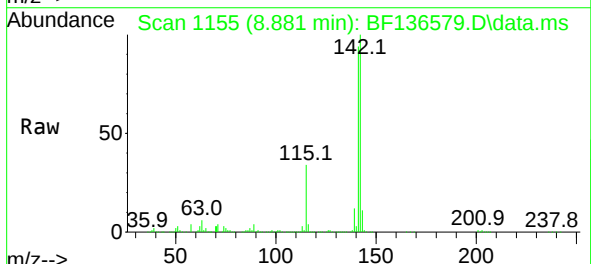
Acq: 14 Dec 2023 20:53

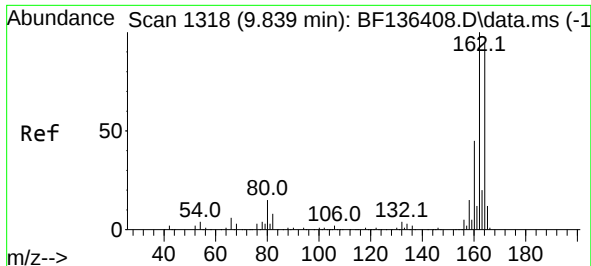
Tgt Ion:142 Resp: 619330

Ion Ratio Lower Upper

142 100

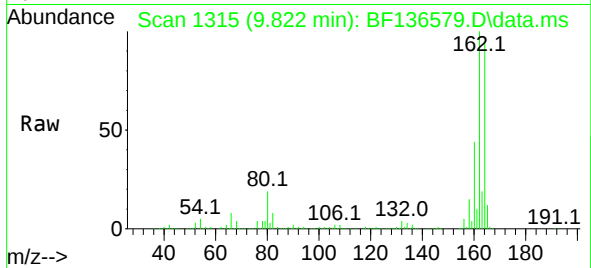
141 93.6 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

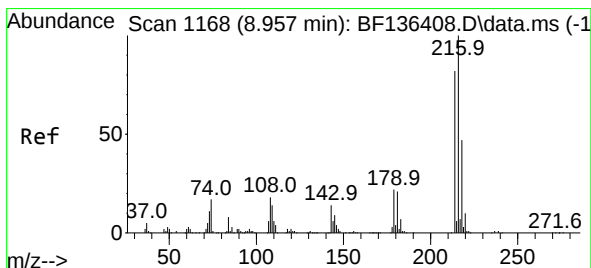
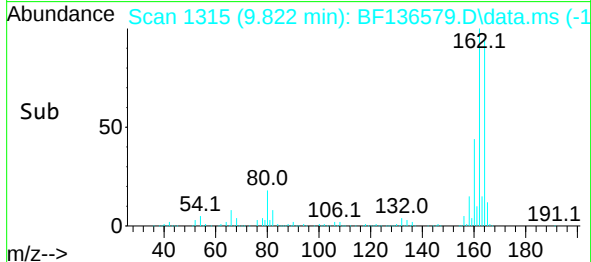
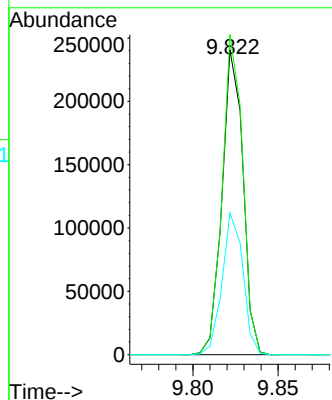


Tgt Ion:164 Resp: 205520
Ion Ratio Lower Upper
164 100
162 105.1 84.4 126.6
160 46.5 37.6 56.4

Manual Integrations
APPROVED

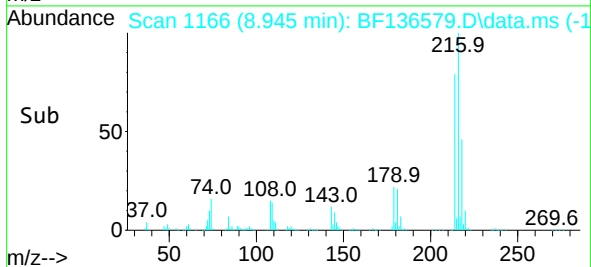
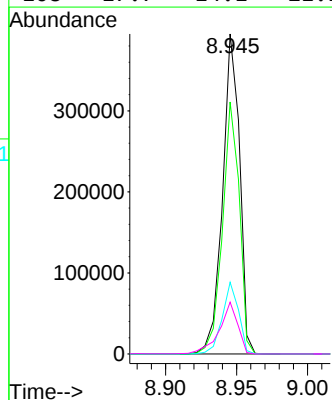
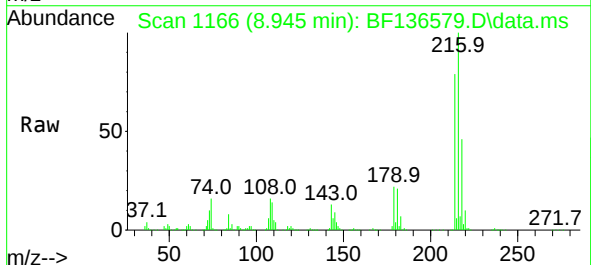
Reviewed By :Yogesh
Patel
12/15/2023

Supervised By :mohammad
ahmed
12/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.328 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

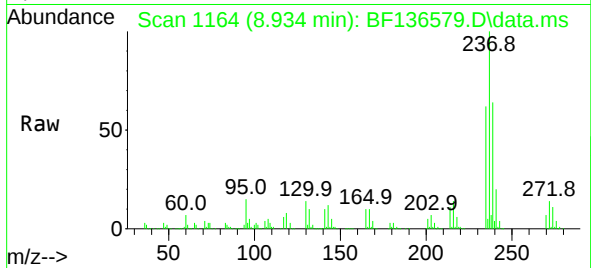
Tgt Ion:216 Resp: 328201
Ion Ratio Lower Upper
216 100
214 77.7 64.1 96.1
179 21.6 17.0 25.6
108 17.7 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 105.969 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

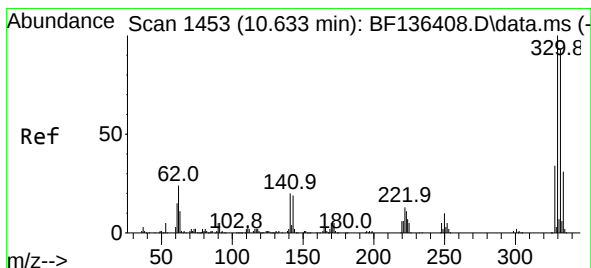
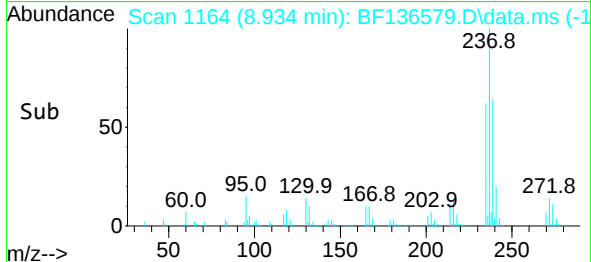
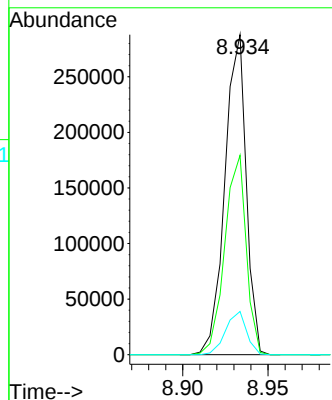


Tgt Ion:237 Resp: 251028
Ion Ratio Lower Upper
237 100
235 62.3 44.1 84.1
272 13.5 0.0 33.3

Manual Integrations
APPROVED

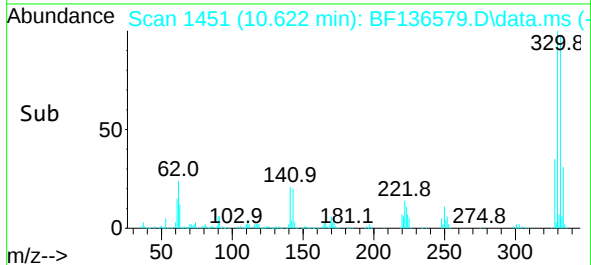
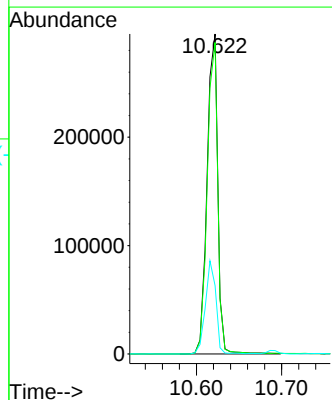
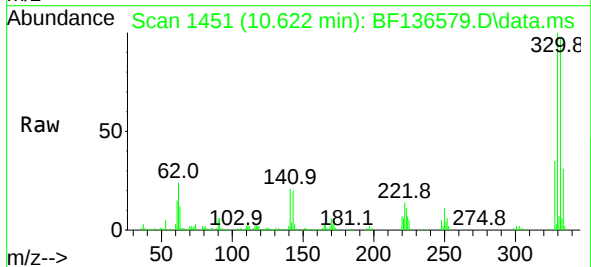
Reviewed By :Yogesh
Patel
12/15/2023

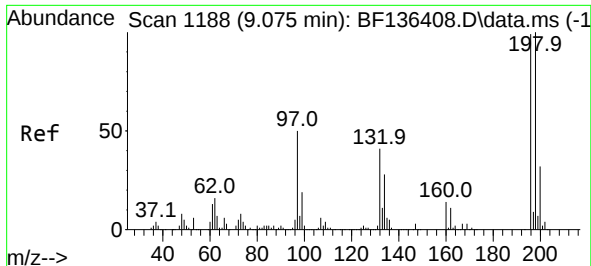
Supervised By :mohammad
ahmed
12/15/2023



#42
2,4,6-Tribromophenol
Concen: 101.340 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

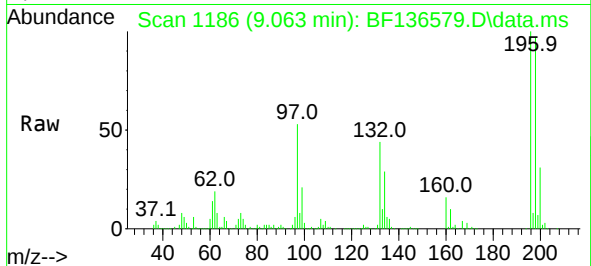
Tgt Ion:330 Resp: 256811
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 28.7 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 47.634 ng
RT: 9.063 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

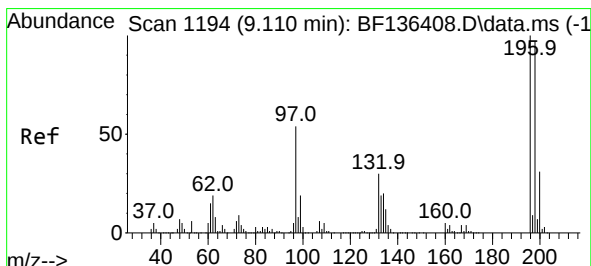
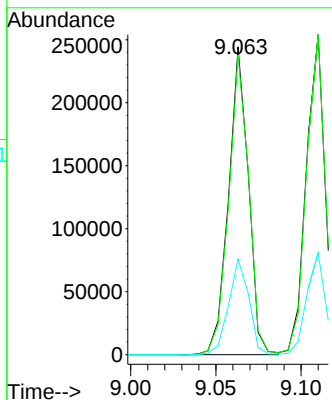


Tgt Ion:196 Resp: 19832
Ion Ratio Lower Upper
196 100
198 97.4 80.4 120.6
200 31.0 25.9 38.9

Manual Integrations
APPROVED

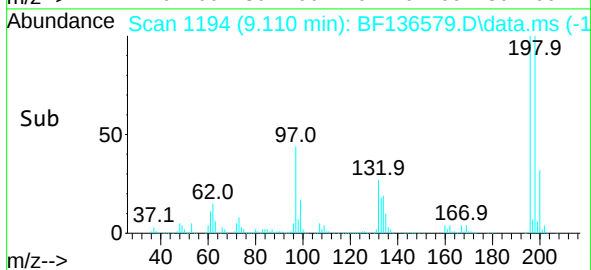
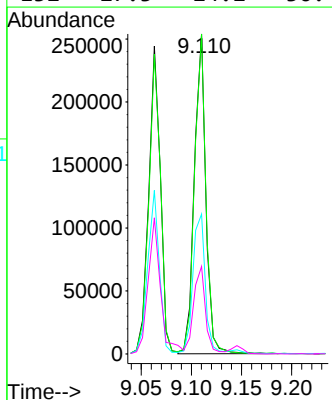
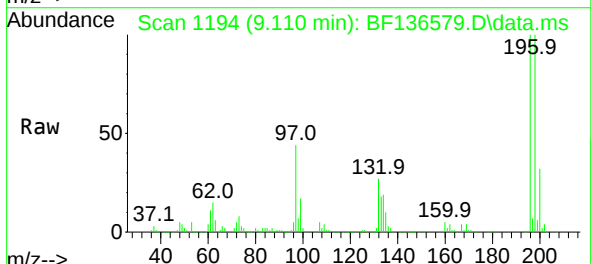
Reviewed By :Yogesh
Patel
12/15/2023

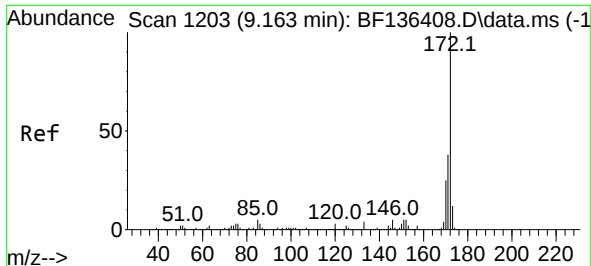
Supervised By :mohammad
ahmed
12/15/2023



#44
2,4,5-Trichlorophenol
Concen: 43.715 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

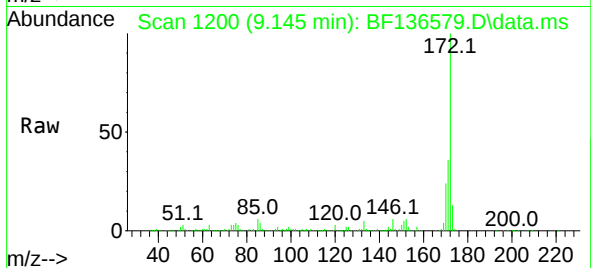
Tgt Ion:196 Resp: 203138
Ion Ratio Lower Upper
196 100
198 99.9 78.1 117.1
97 43.7 43.4 65.2
132 27.3 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 76.721 ng
RT: 9.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

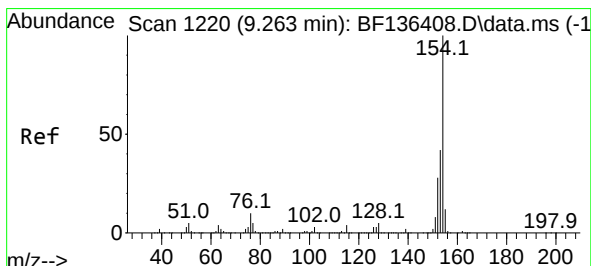
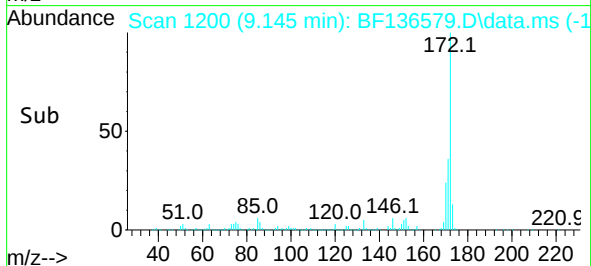
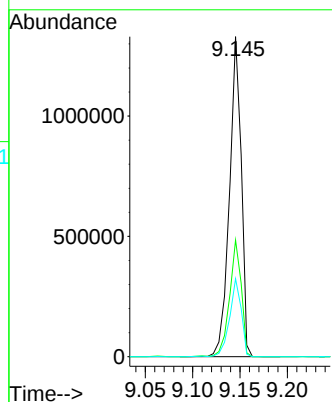


Tgt Ion:172 Resp: 115559
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.4 19.9 29.9

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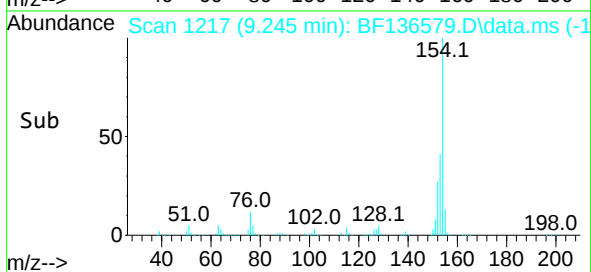
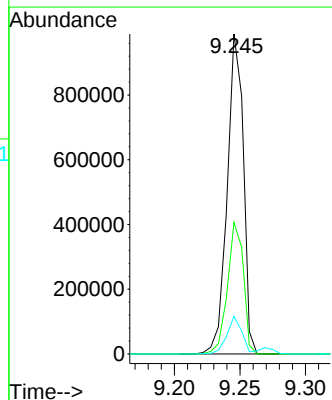
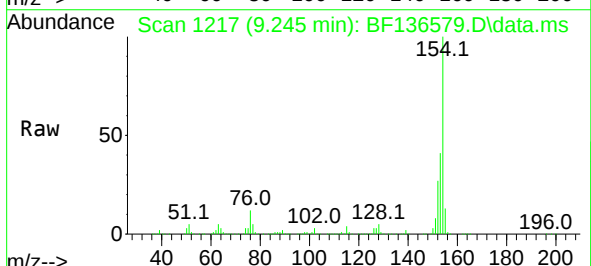
Reviewed By :Yogesh
Patel
12/15/2023

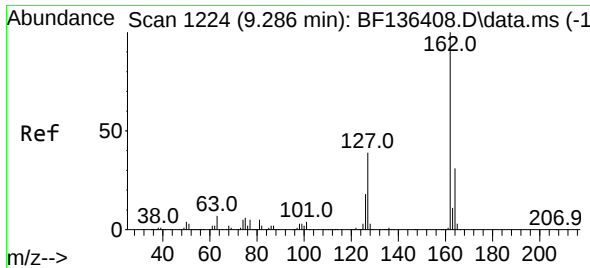
Supervised By :mohammad
ahmed
12/15/2023



#46
1,1'-Biphenyl
Concen: 48.252 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

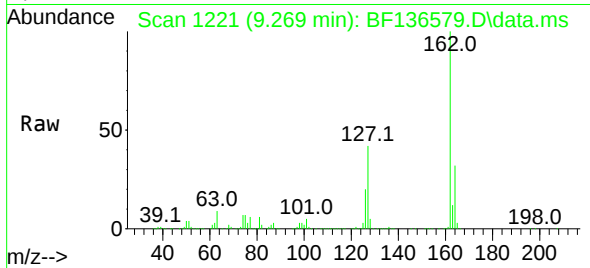
Tgt Ion:154 Resp: 843835
Ion Ratio Lower Upper
154 100
153 41.1 22.5 62.5
76 11.8 0.0 29.9





#47
2-Chloronaphthalene
Concen: 45.198 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

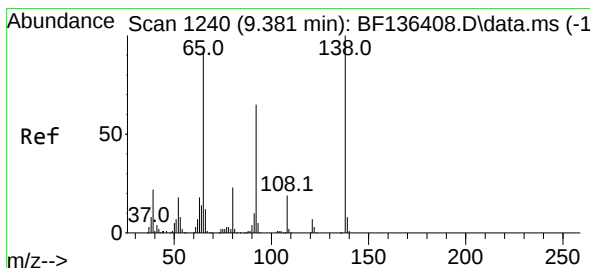
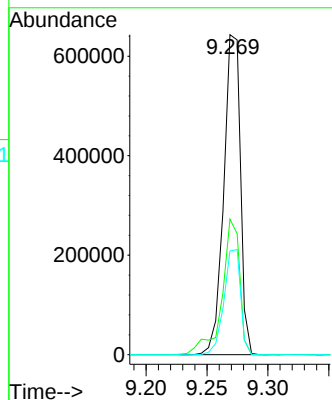


Tgt Ion:162 Resp: 61520
Ion Ratio Lower Upper
162 100
127 42.3 31.1 46.7
164 32.4 24.6 37.0

Manual Integrations
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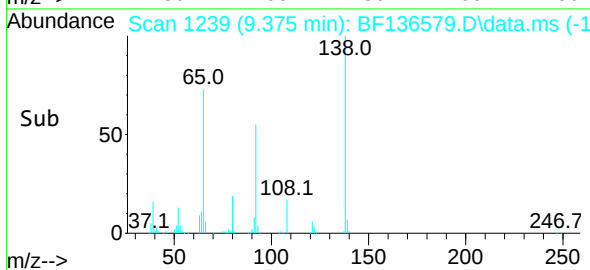
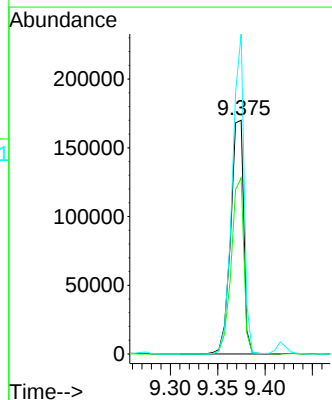
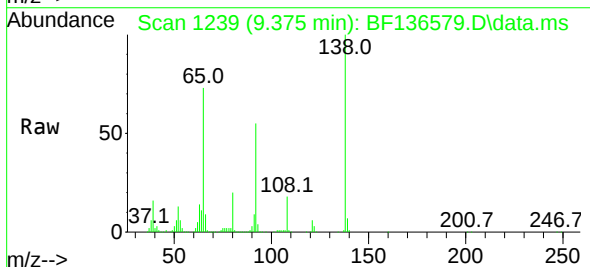
Reviewed By :Yogesh
Patel
12/15/2023

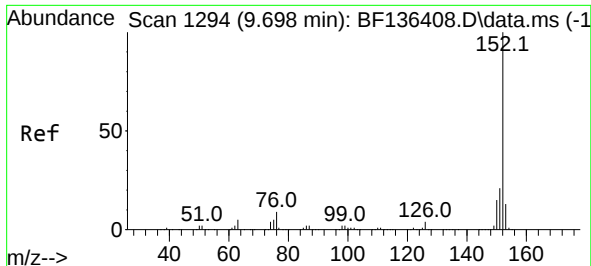
Supervised By :mohammad
ahmed
12/15/2023



#48
2-Nitroaniline
Concen: 44.635 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

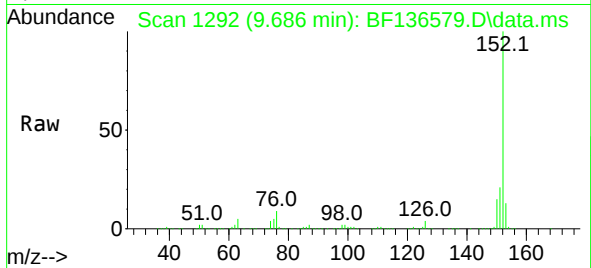
Tgt Ion: 65 Resp: 162947
Ion Ratio Lower Upper
65 100
92 75.3 56.1 84.1
138 136.9 86.7 130.1#





#49
Acenaphthylene
Concen: 48.640 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

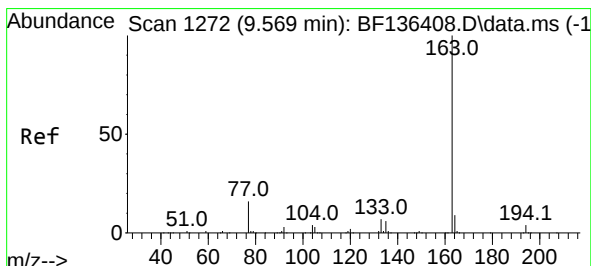
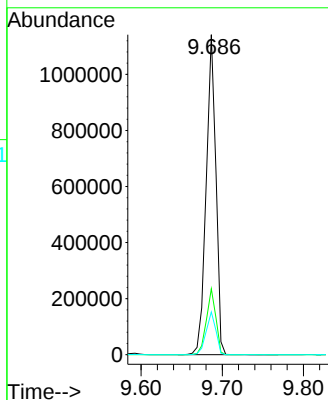
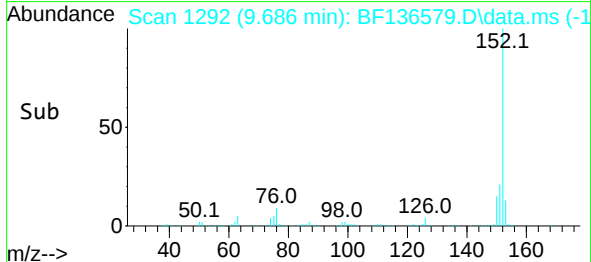


Tgt Ion:152 Resp: 94311
Ion Ratio Lower Upper
152 100
151 20.6 17.2 25.8
153 13.4 10.6 15.8

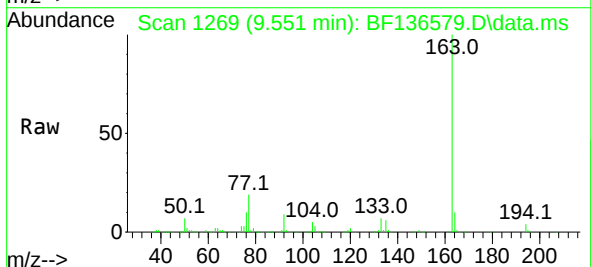
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/15/2023

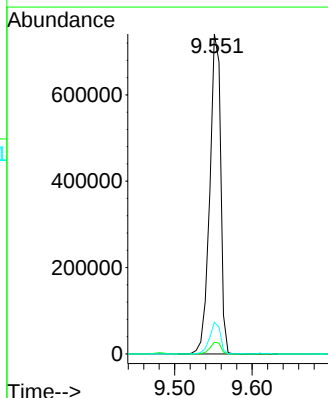
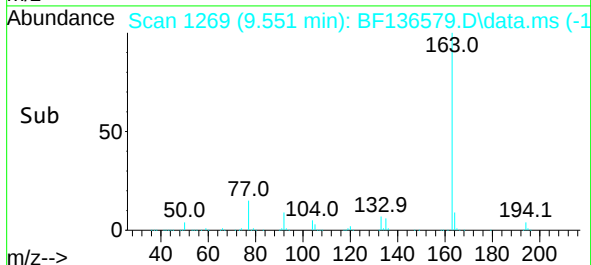
Supervised By :mohammad
ahmed
12/15/2023

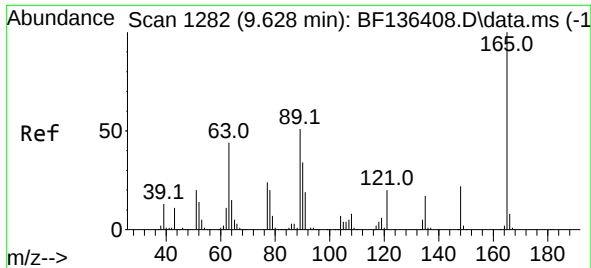


#50
Dimethylphthalate
Concen: 47.755 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53



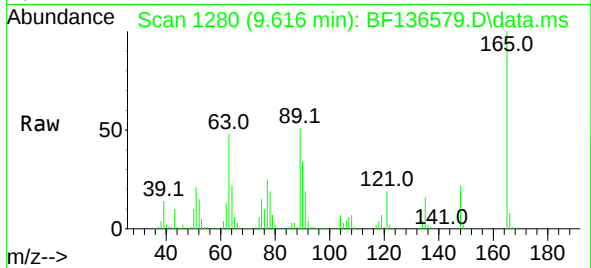
Tgt Ion:163 Resp: 722608
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 45.852 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

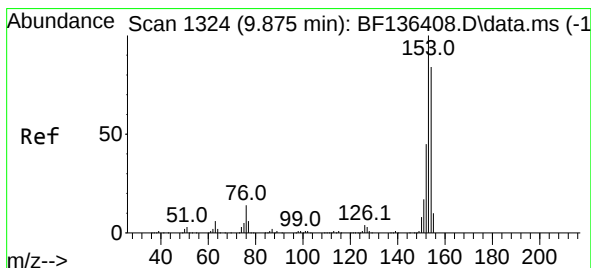
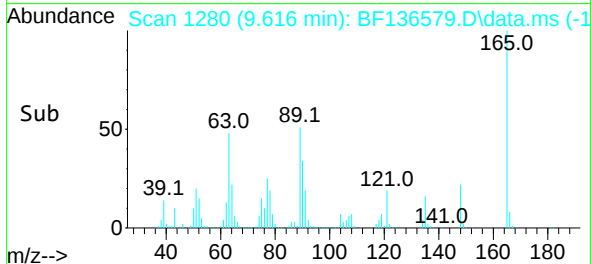
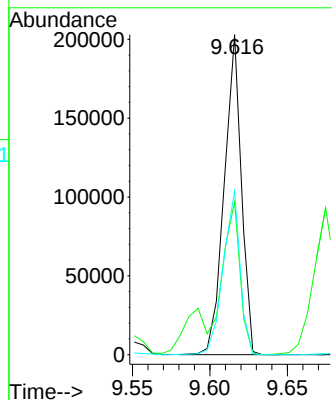


Tgt Ion:165 Resp: 156088
Ion Ratio Lower Upper
165 100
63 47.7 40.4 60.6
89 51.1 40.6 60.8

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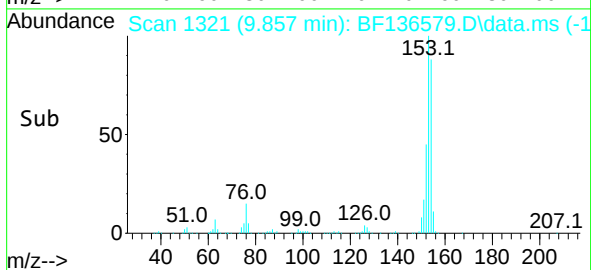
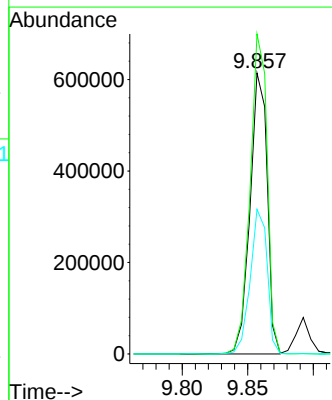
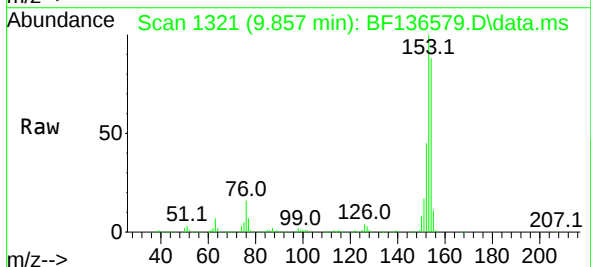
Reviewed By :Yogesh
Patel
12/15/2023

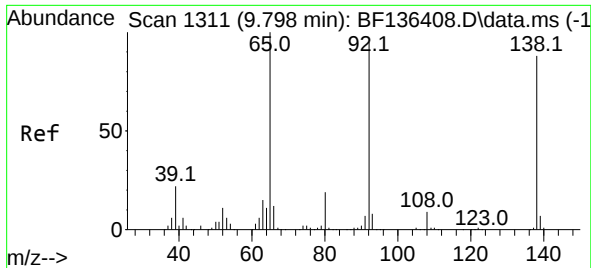
Supervised By :mohammad
ahmed
12/15/2023



#52
Acenaphthene
Concen: 45.040 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:154 Resp: 559626
Ion Ratio Lower Upper
154 100
153 113.9 95.3 142.9
152 51.5 43.2 64.8





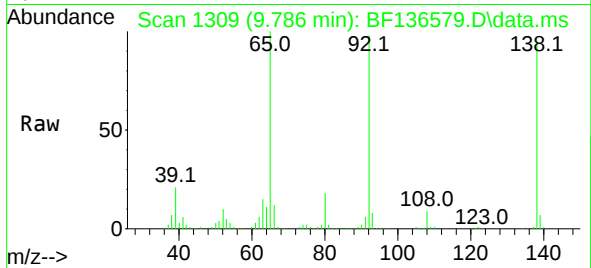
#53
3-Nitroaniline
Concen: 34.241 ng
RT: 9.786 min Scan# 11903
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :

BNL_F

ClientSampleId :

SP-LINDENMS



Tgt Ion:138 Resp: 11903
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 103.8 86.1 129.1

Manual Integrations
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Reviewed By :Yogesh

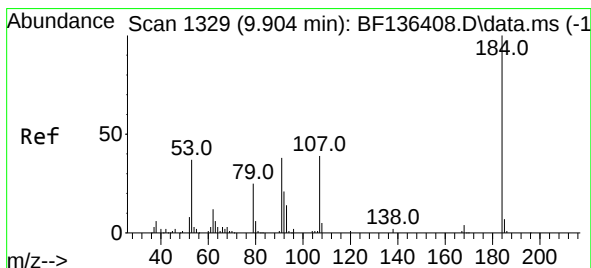
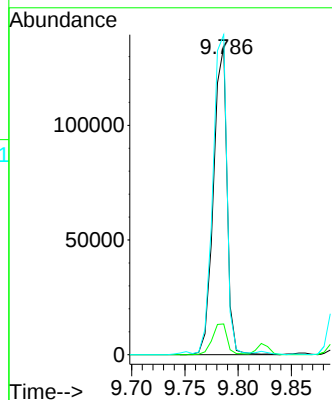
Patel

12/15/2023

Supervised By :mohammad

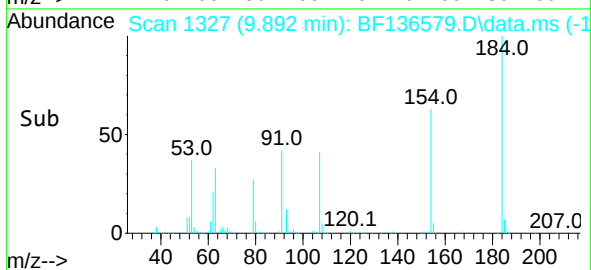
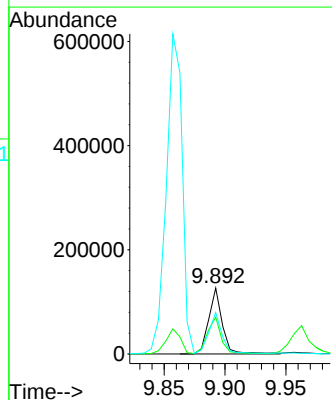
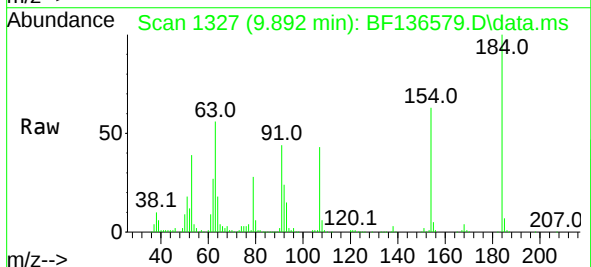
ahmed

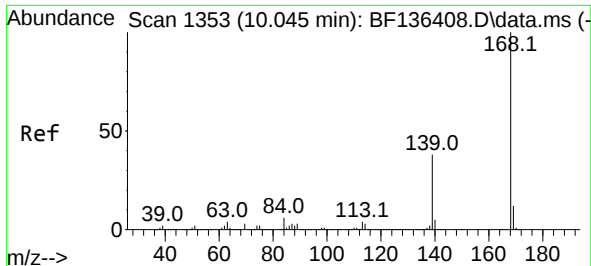
12/15/2023



#54
2,4-Dinitrophenol
Concen: 57.080 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

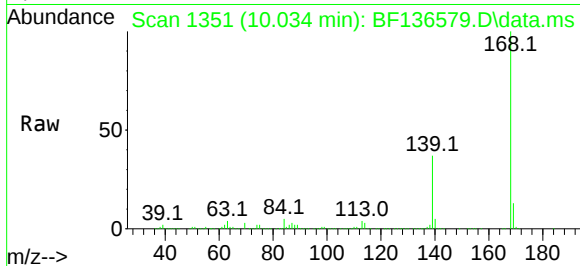
Tgt Ion:184 Resp: 98243
Ion Ratio Lower Upper
184 100
63 55.8 39.1 58.7
154 62.9 49.9 74.9





#55
Dibenzenofuran
Concen: 45.179 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

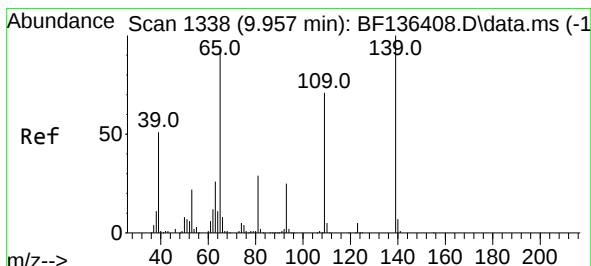
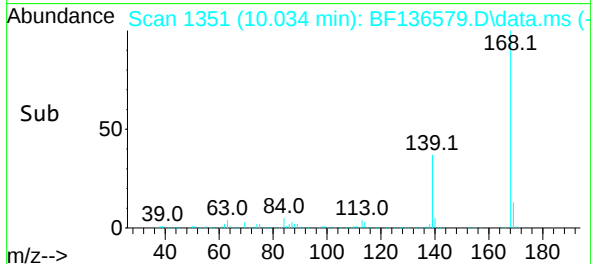
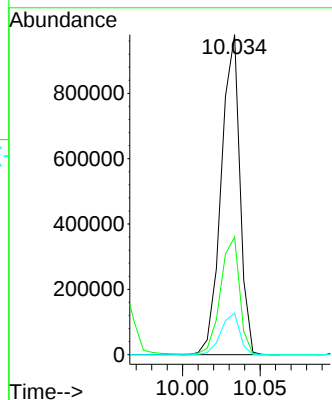


Tgt Ion:168 Resp: 820074
Ion Ratio Lower Upper
168 100
139 36.7 30.4 45.6
169 13.0 9.9 14.9

Manual Integrations
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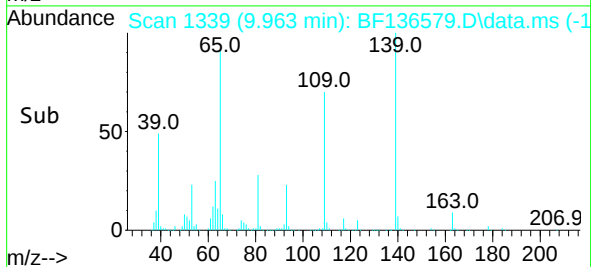
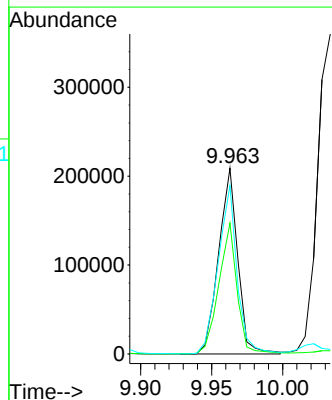
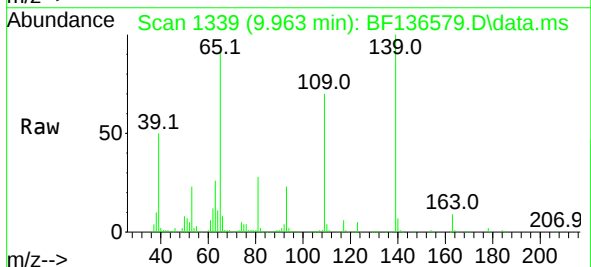
Reviewed By :Yogesh
Patel
12/15/2023

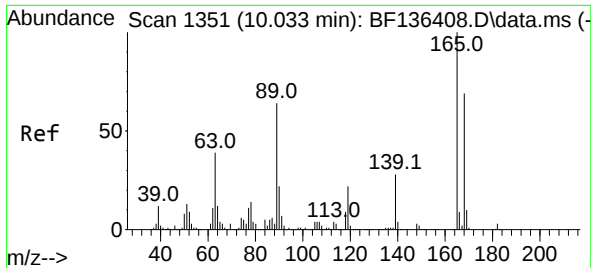
Supervised By :mohammad
ahmed
12/15/2023



#56
4-Nitrophenol
Concen: 75.004 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:139 Resp: 195458
Ion Ratio Lower Upper
139 100
109 70.5 50.6 90.6
65 90.7 73.1 113.1





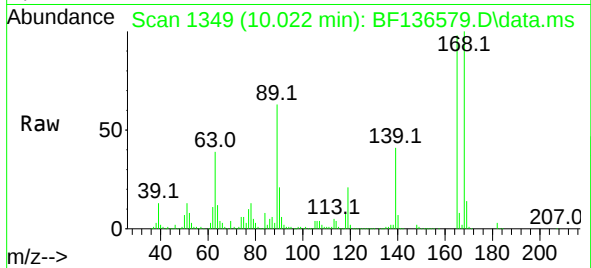
#57
2,4-Dinitrotoluene
Concen: 43.521 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMS



Tgt Ion:165 Resp: 19598
Ion Ratio Lower Upper
165 100
63 39.5 31.4 47.2
89 64.6 51.7 77.5
182 2.7 2.2 3.2

Manual Integrations
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Reviewed By :Yogesh

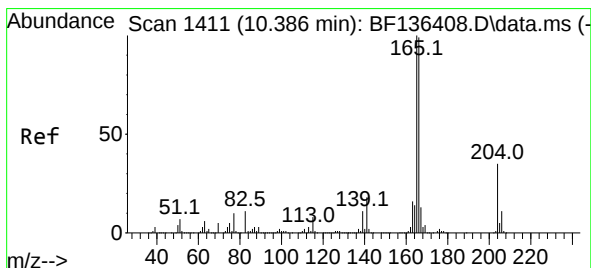
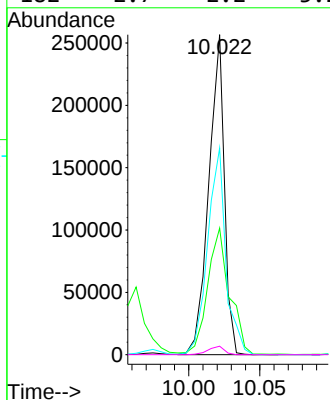
Patel

12/15/2023

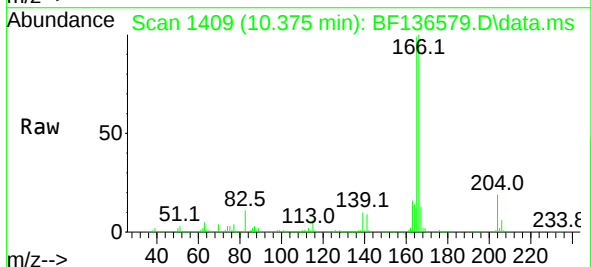
Supervised By :mohammad

ahmed

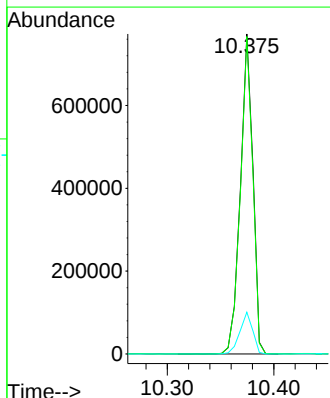
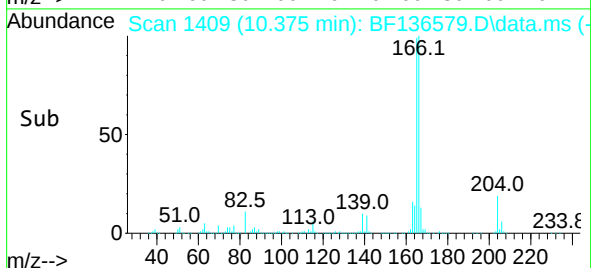
12/15/2023

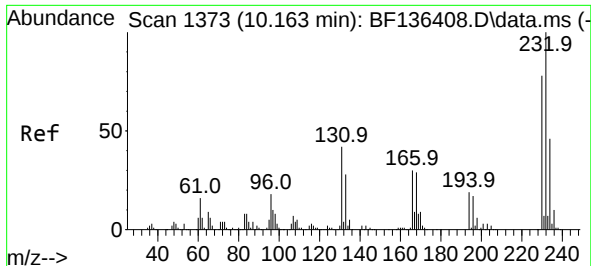


#58
Fluorene
Concen: 43.319 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53



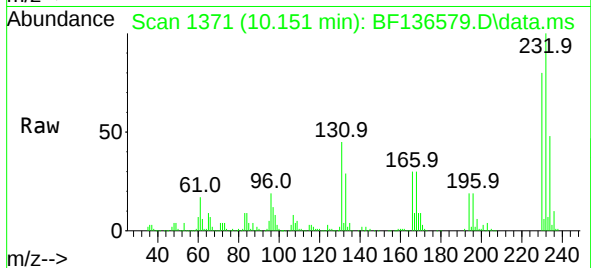
Tgt Ion:166 Resp: 631202
Ion Ratio Lower Upper
166 100
165 99.2 80.5 120.7
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.193 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

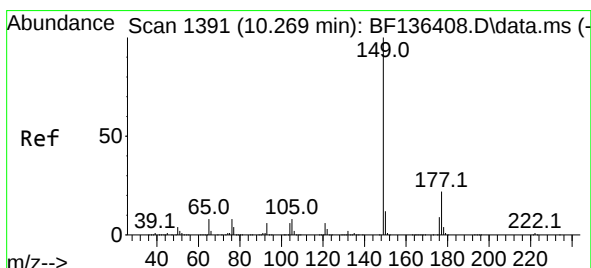
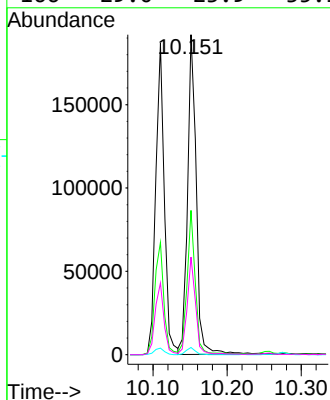
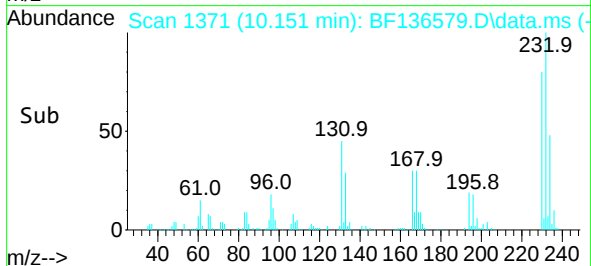


Tgt Ion:232 Resp: 157051
Ion Ratio Lower Upper
232 100
131 42.3 34.3 51.5
130 2.3 1.6 2.4
166 29.0 23.9 35.9

Manual Integrations
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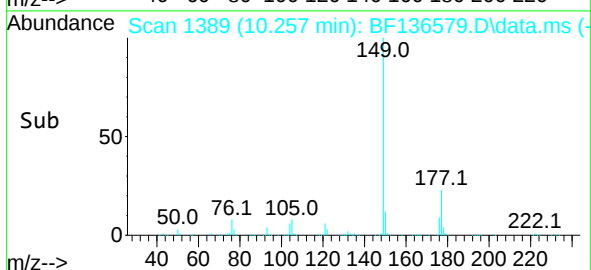
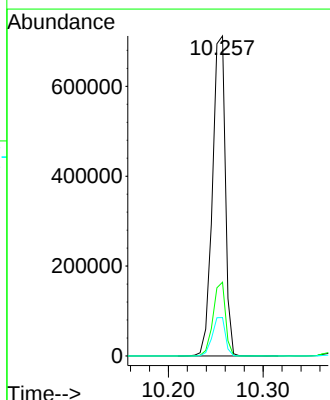
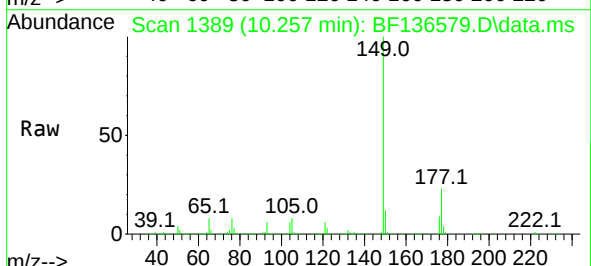
Reviewed By :Yogesh
Patel
12/15/2023

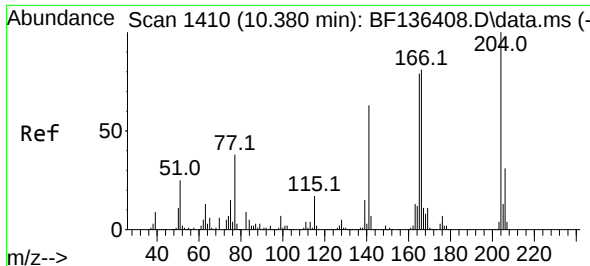
Supervised By :mohammad
ahmed
12/15/2023



#60
Diethylphthalate
Concen: 45.199 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

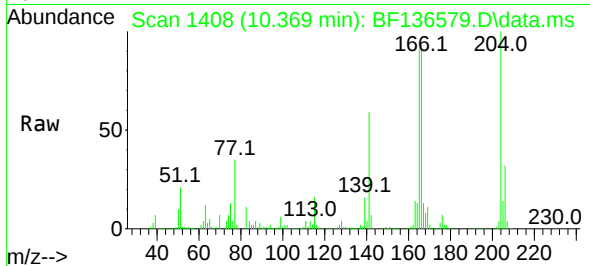
Tgt Ion:149 Resp: 672530
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 12.0 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 44.415 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

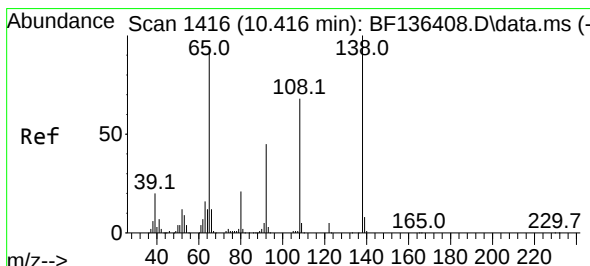
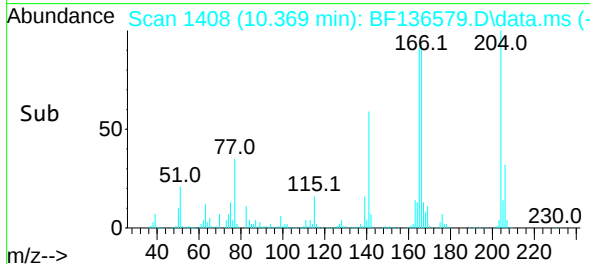
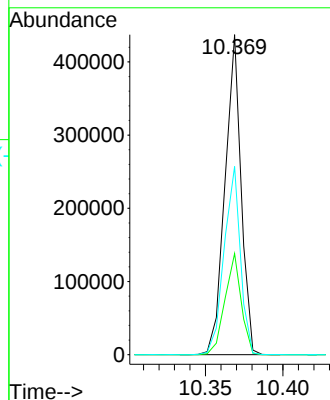


Tgt Ion:204 Resp: 315488
Ion Ratio Lower Upper
204 100
206 31.6 24.6 36.8
141 58.8 50.3 75.5

Manual Integrations
APPROVED

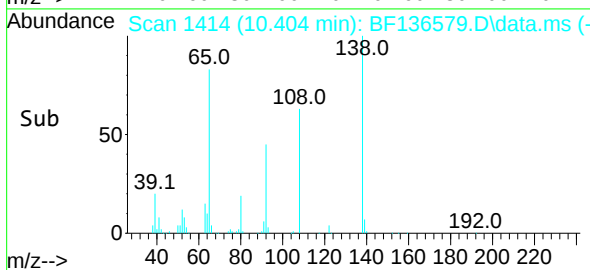
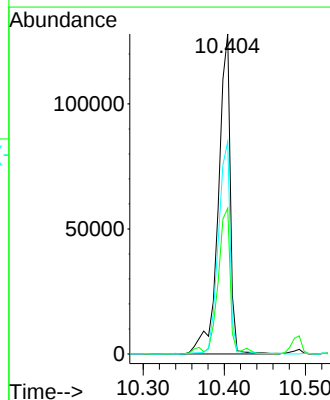
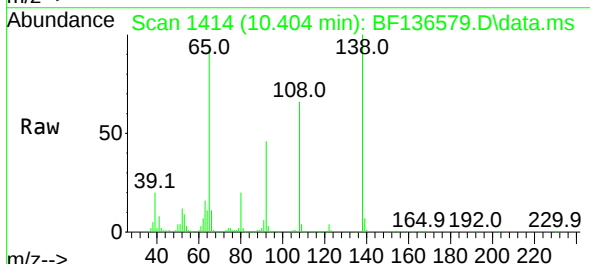
Reviewed By :Yogesh
Patel
12/15/2023

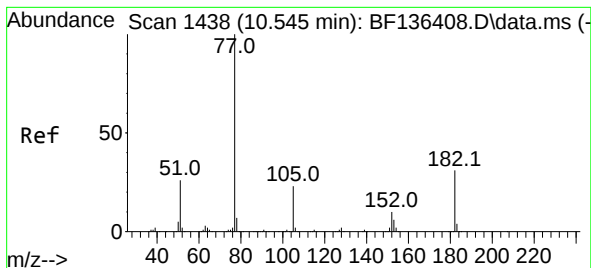
Supervised By :mohammad
ahmed
12/15/2023



#62
4-Nitroaniline
Concen: 37.994 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

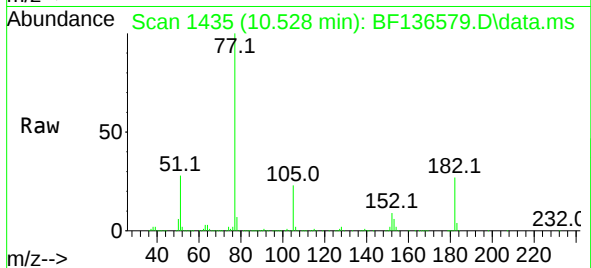
Tgt Ion:138 Resp: 131144
Ion Ratio Lower Upper
138 100
92 45.6 25.0 65.0
108 66.4 47.9 87.9





#63
Azobenzene
Concen: 41.844 ng
RT: 10.528 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

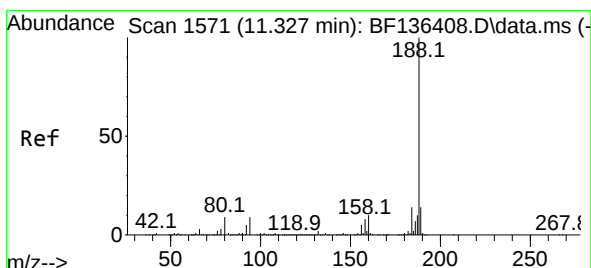
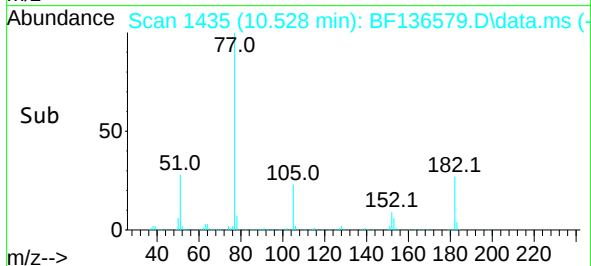
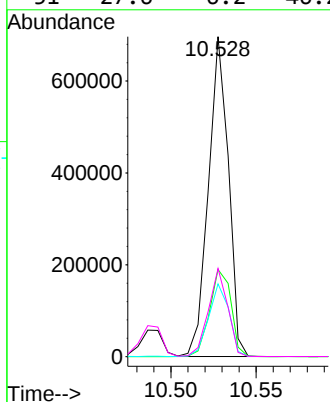


Tgt Ion: 77 Resp: 566708
Ion Ratio Lower Upper
77 100
182 27.2 10.8 50.8
105 22.8 2.6 42.6
51 27.6 6.2 46.2

Manual Integrations
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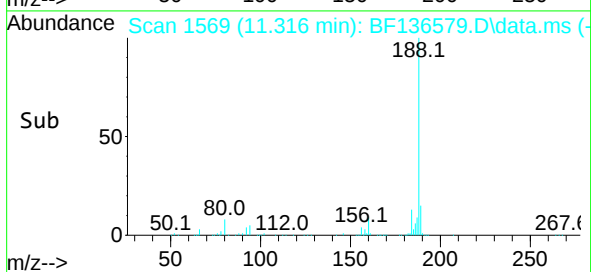
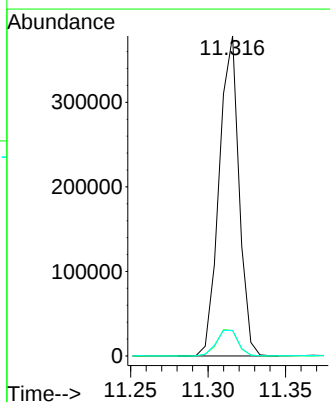
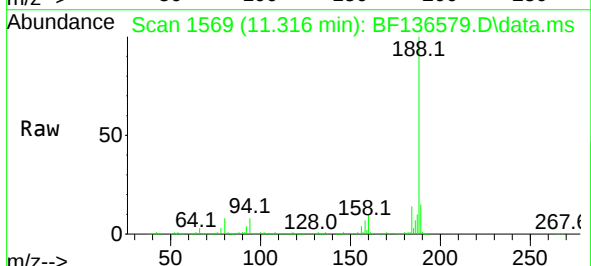
Reviewed By :Yogesh
Patel
12/15/2023

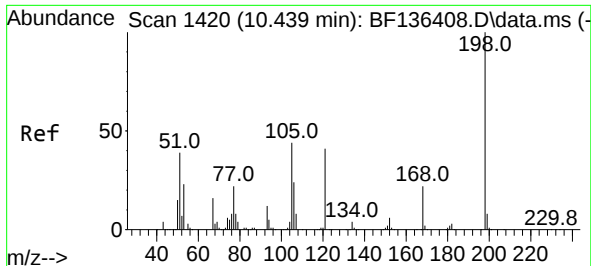
Supervised By :mohammad
ahmed
12/15/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:188 Resp: 337799
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.0 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 37.266 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

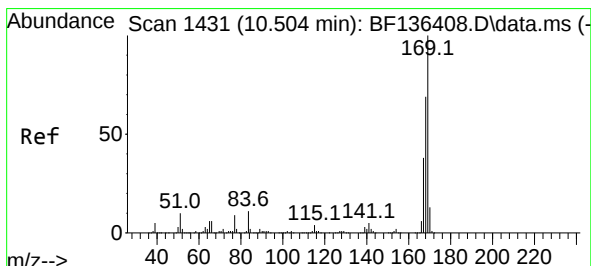
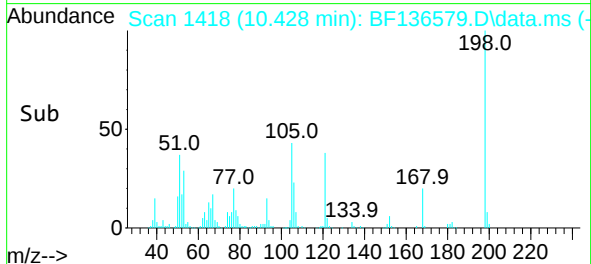
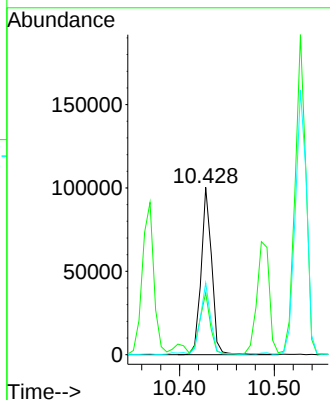
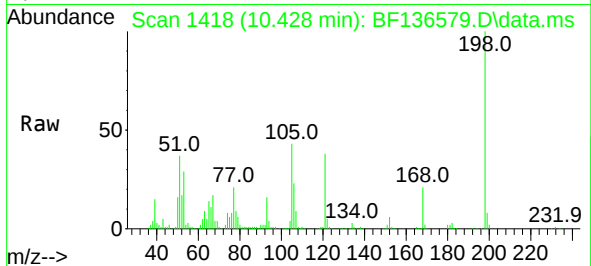
Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

Tgt Ion:198 Resp: 7796
Ion Ratio Lower Upper
198 100
51 37.0 24.1 64.1
105 42.9 24.8 64.8

Manual Integrations
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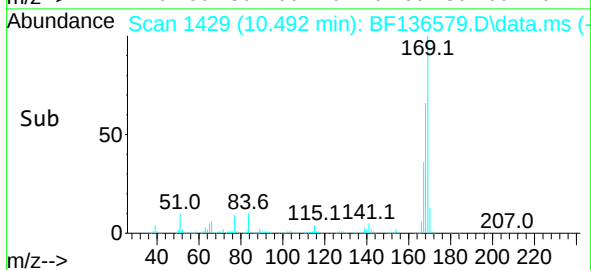
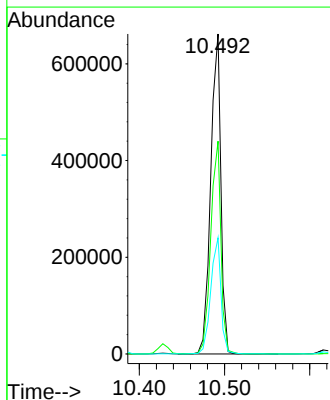
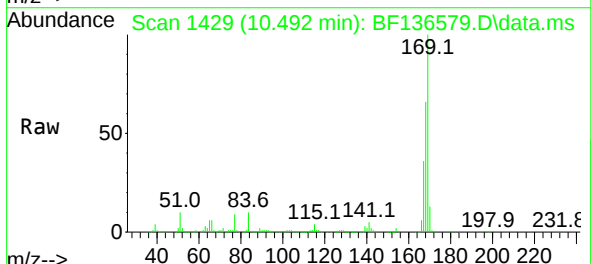
Reviewed By :Yogesh
Patel
12/15/2023

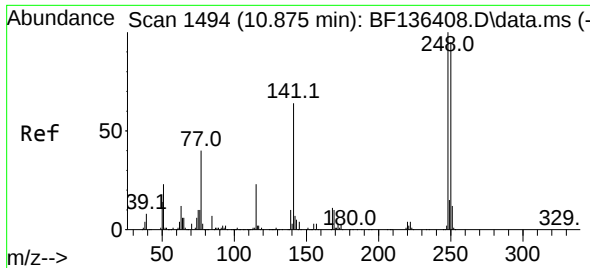
Supervised By :mohammad
ahmed
12/15/2023



#66
n-Nitrosodiphenylamine
Concen: 50.584 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

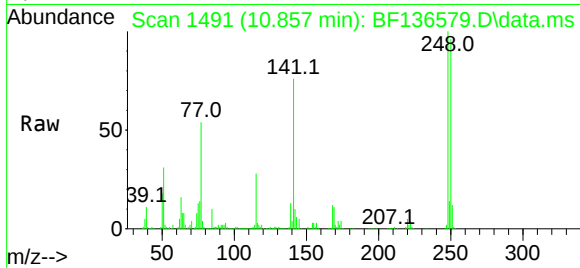
Tgt Ion:169 Resp: 548295
Ion Ratio Lower Upper
169 100
168 66.5 55.3 82.9
167 36.3 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 49.366 ng
RT: 10.857 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

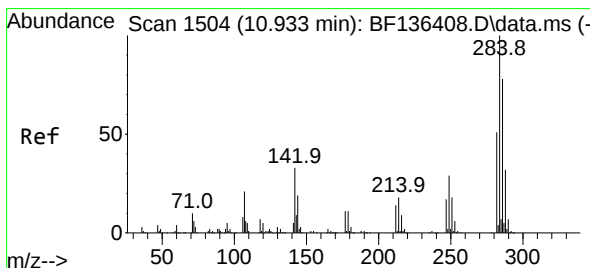
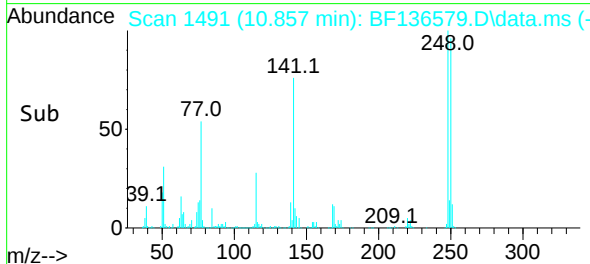
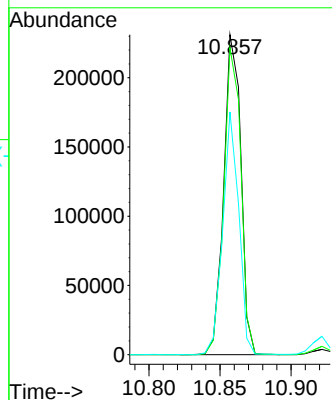


Tgt Ion:248 Resp: 193884
Ion Ratio Lower Upper
248 100
250 95.9 76.2 114.2
141 75.9 51.0 76.4

Manual Integrations
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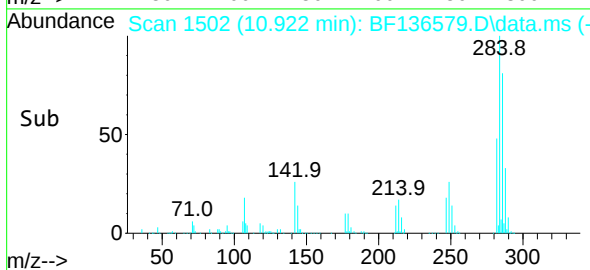
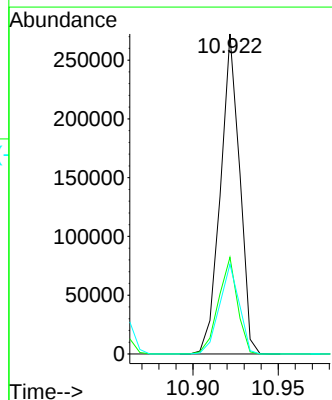
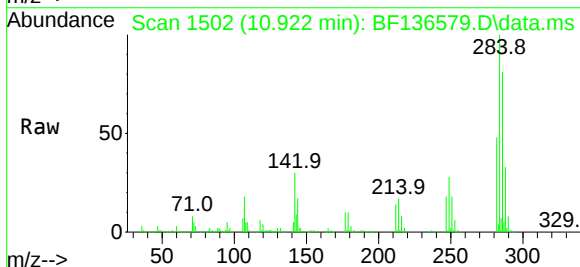
Reviewed By :Yogesh
Patel
12/15/2023

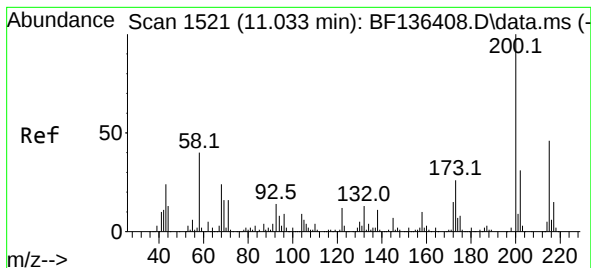
Supervised By :mohammad
ahmed
12/15/2023



#68
Hexachlorobenzene
Concen: 46.906 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:284 Resp: 212920
Ion Ratio Lower Upper
284 100
142 30.2 26.5 39.7
249 28.0 23.4 35.0





#69

Atrazine

Concen: 59.002 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136579.D

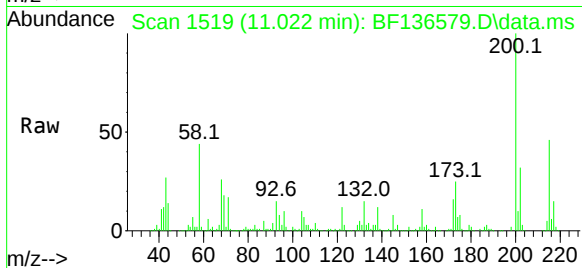
Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMS



Tgt Ion:200	Resp: 18253
Ion Ratio	Lower Upper
200 100	
173 25.3	6.0 46.0
215 46.2	25.5 65.5

Manual Integrations

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Reviewed By :Yogesh

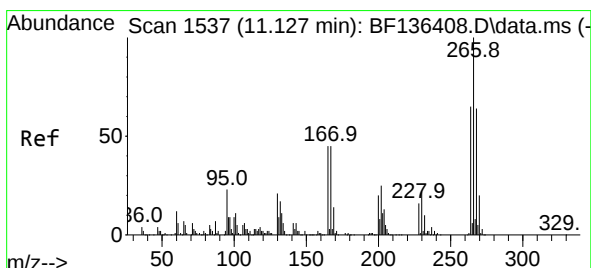
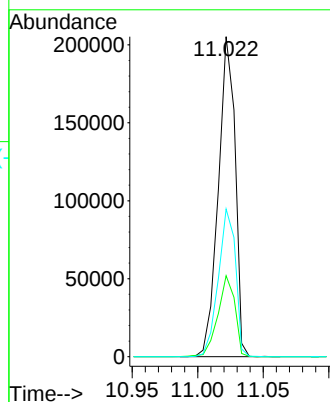
Patel

12/15/2023

Supervised By :mohammad

ahmed

12/15/2023



#70

Pentachlorophenol

Concen: 81.017 ng

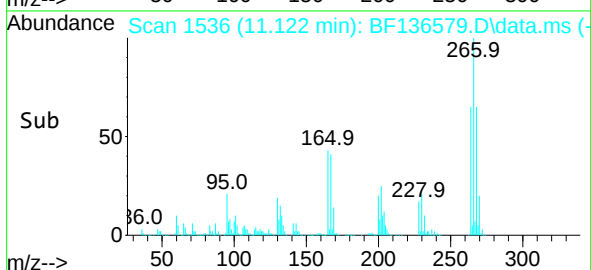
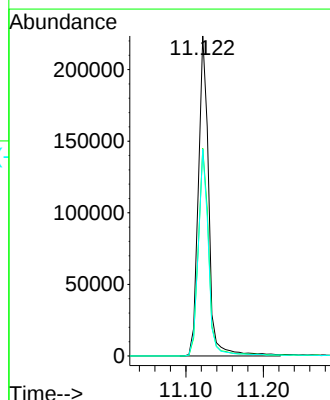
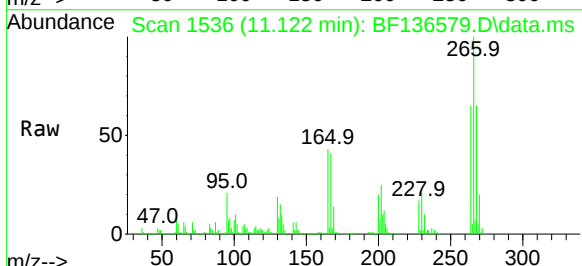
RT: 11.122 min Scan# 1536

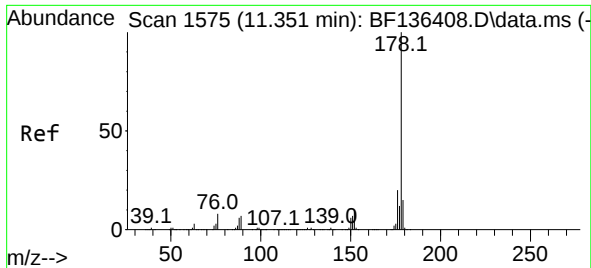
Delta R.T. 0.000 min

Lab File: BF136579.D

Acq: 14 Dec 2023 20:53

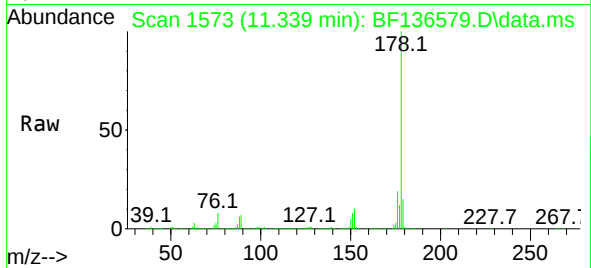
Tgt Ion:266	Resp: 207556
Ion Ratio	Lower Upper
266 100	
268 64.8	51.0 76.6
264 64.6	52.2 78.4





#71
Phenanthrene
Concen: 46.659 ng
RT: 11.339 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

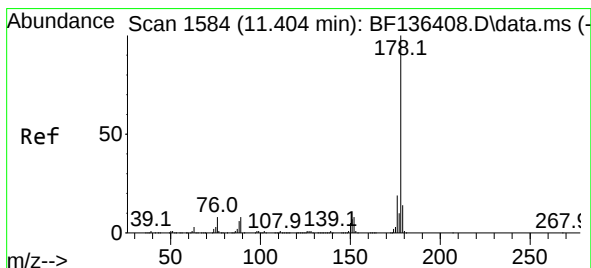
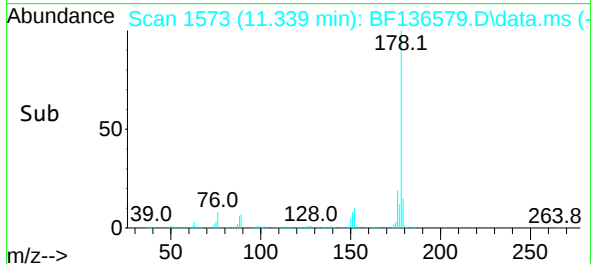
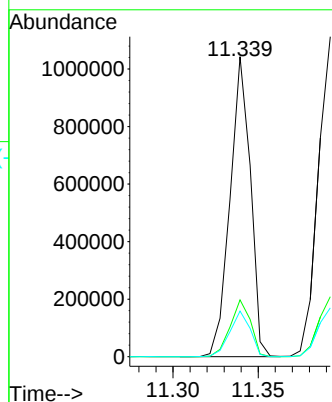


Tgt Ion:178 Resp: 866308
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.2 11.8 17.6

Manual Integrations
APPROVED

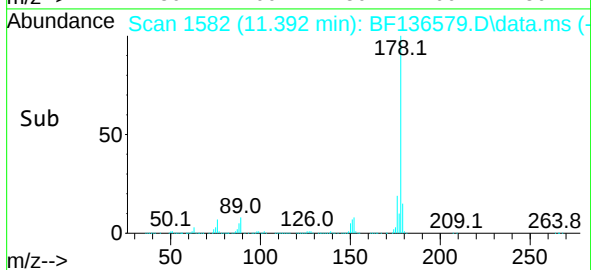
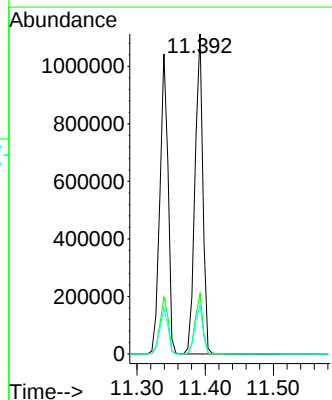
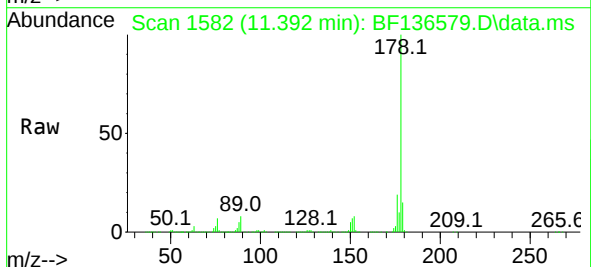
Reviewed By :Yogesh
Patel
12/15/2023

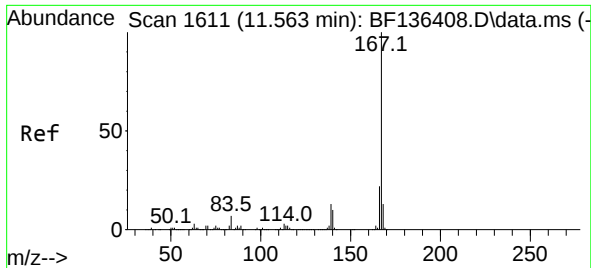
Supervised By :mohammad
ahmed
12/15/2023



#72
Anthracene
Concen: 47.336 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

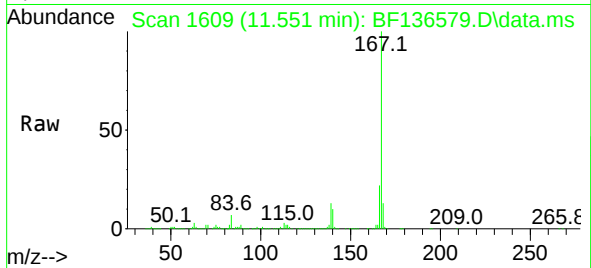
Tgt Ion:178 Resp: 885221
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 11.4 17.0





#73
 Carbazole
 Concen: 43.306 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-LINDENMS

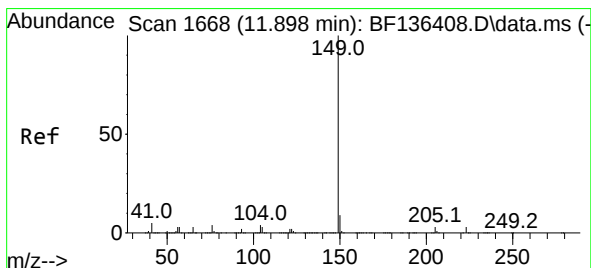
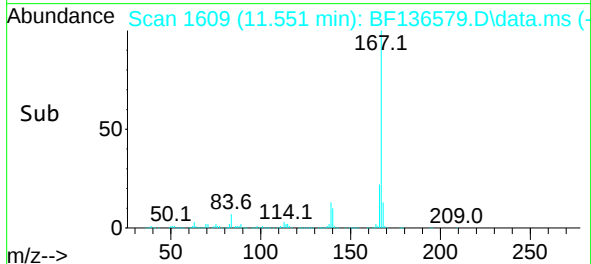
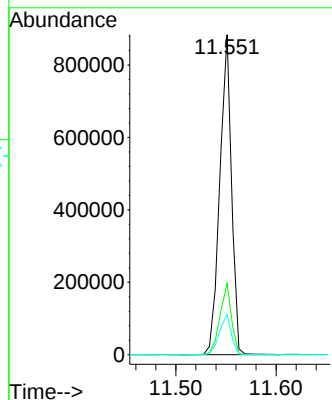


Tgt Ion:167 Resp: 716783
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.6 10.2 15.4

Manual Integrations
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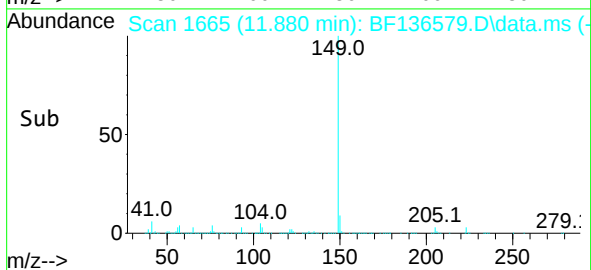
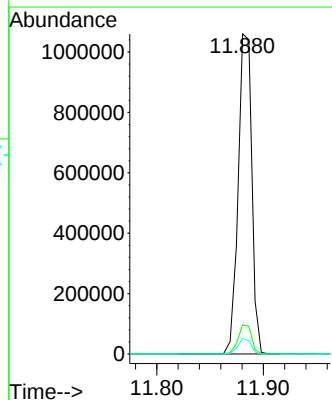
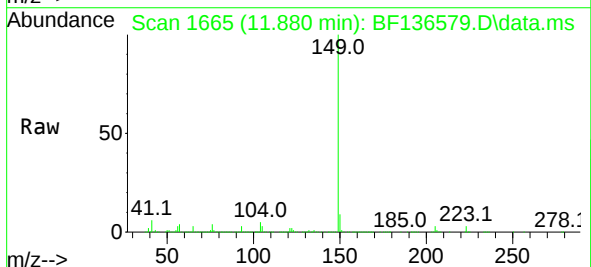
Reviewed By :Yogesh
 Patel
 12/15/2023

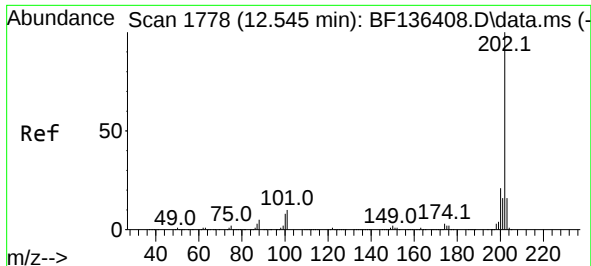
Supervised By :mohammad
 ahmed
 12/15/2023



#74
 Di-n-butylphthalate
 Concen: 46.669 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

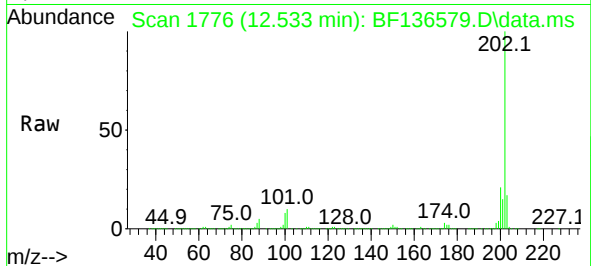
Tgt Ion:149 Resp: 946947
 Ion Ratio Lower Upper
 149 100
 150 9.1 6.9 10.3
 104 4.9 3.5 5.3





#75
Fluoranthene
Concen: 43.132 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

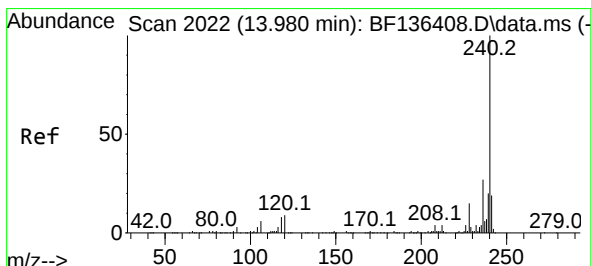
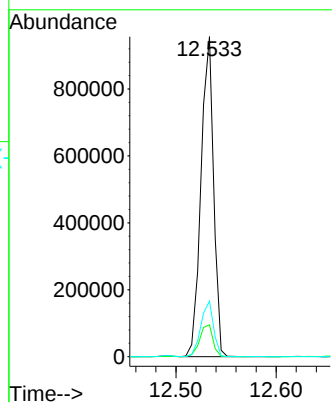


Tgt Ion:202 Resp: 839227
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.9
203 17.3 0.0 36.3

Manual Integrations
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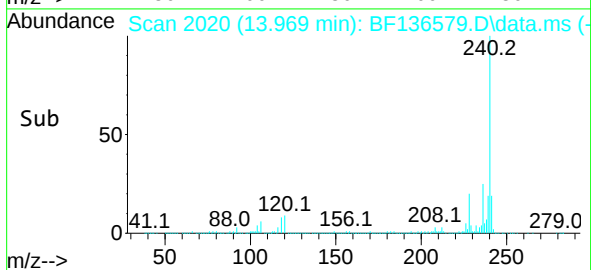
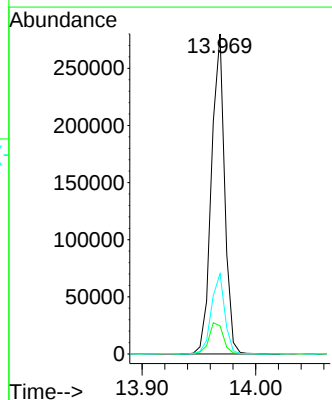
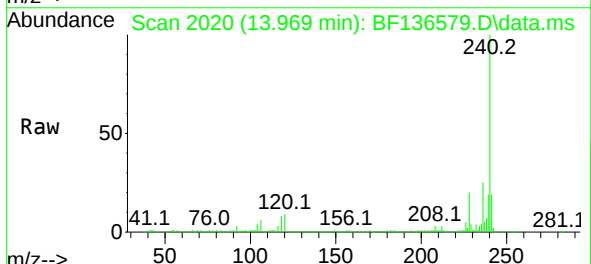
Reviewed By :Yogesh
Patel
12/15/2023

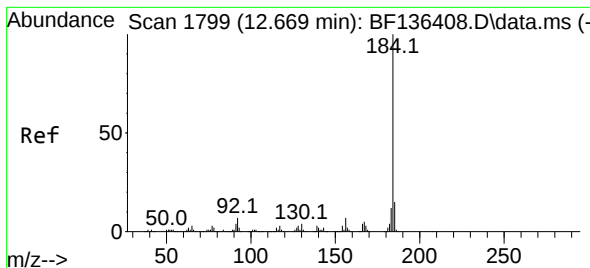
Supervised By :mohammad
ahmed
12/15/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

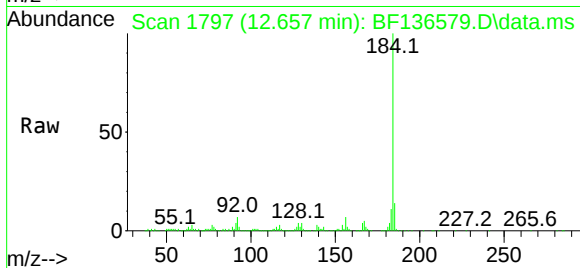
Tgt Ion:240 Resp: 224934
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.1 21.3 31.9





#77
Benzidine
Concen: 51.467 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

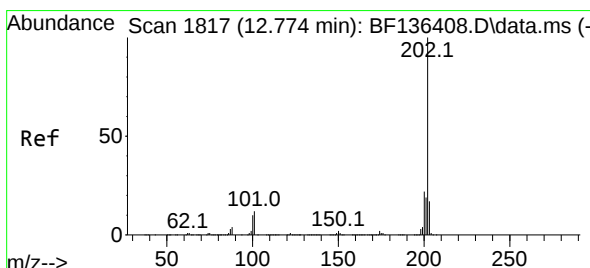
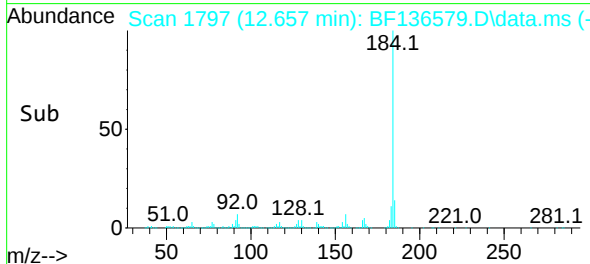
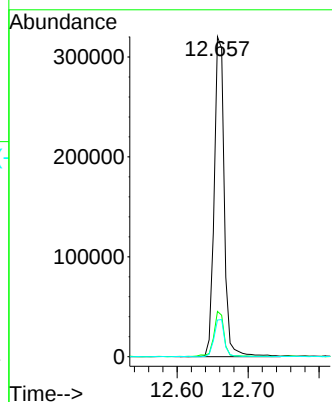


Tgt Ion:184 Resp: 31569
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.4 9.4 14.0

Manual Integrations
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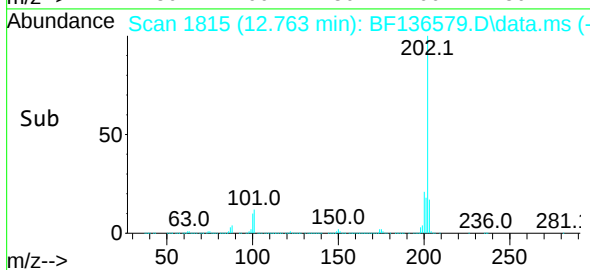
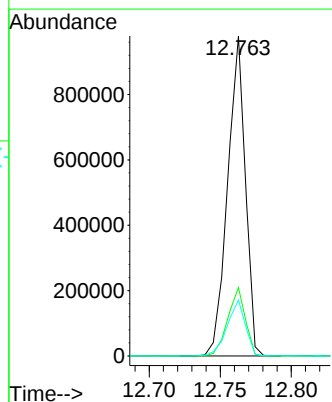
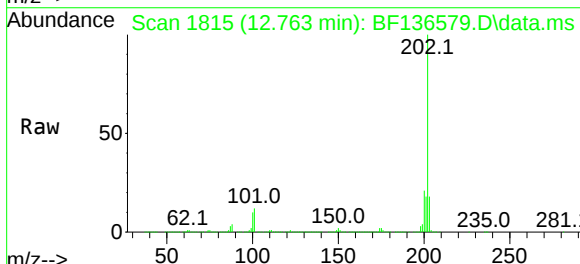
Reviewed By :Yogesh
Patel
12/15/2023

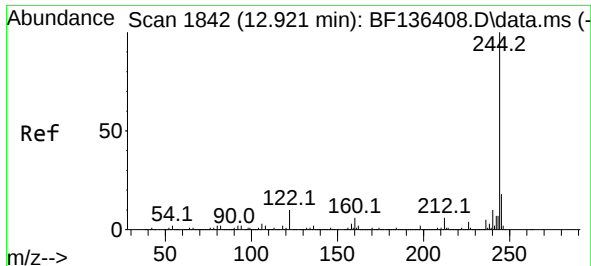
Supervised By :mohammad
ahmed
12/15/2023



#78
Pyrene
Concen: 38.585 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

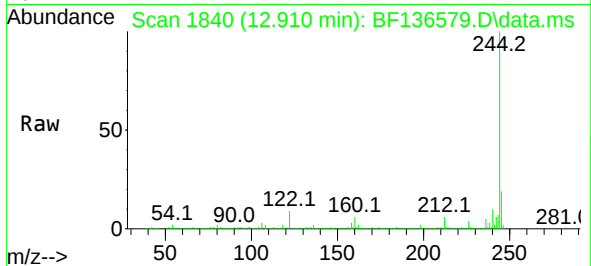
Tgt Ion:202 Resp: 849986
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 17.5 13.5 20.3





#79
 Terphenyl-d14
 Concen: 61.585 ng
 RT: 12.910 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-LINDENMS

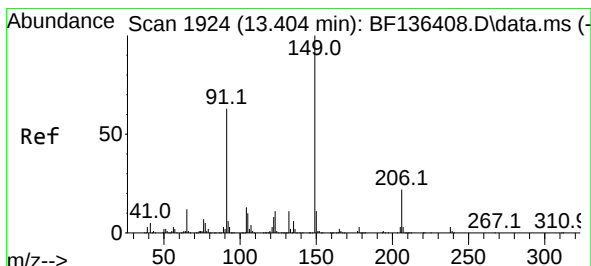
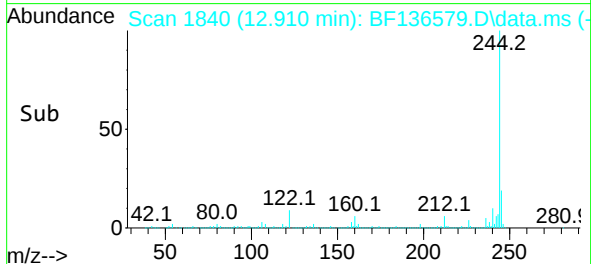
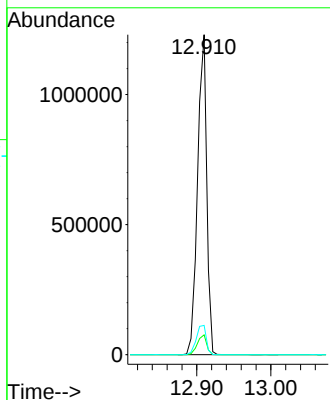


Tgt Ion:244 Resp: 1050990
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.1 8.3 12.5

Manual Integrations
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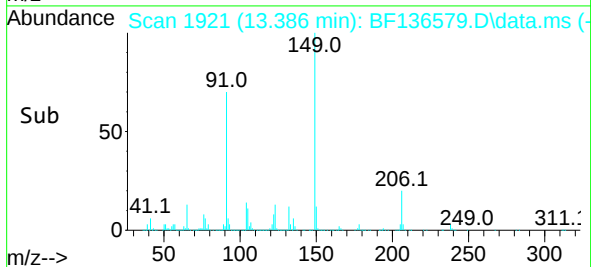
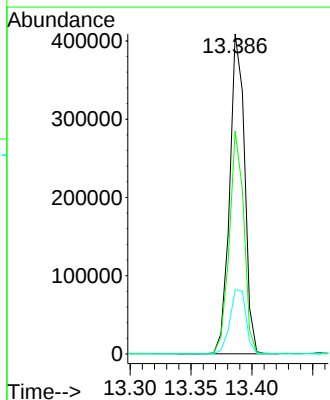
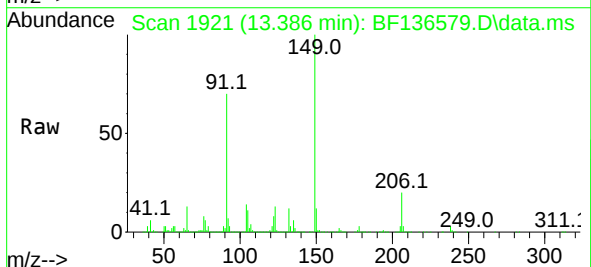
Reviewed By :Yogesh
 Patel
 12/15/2023

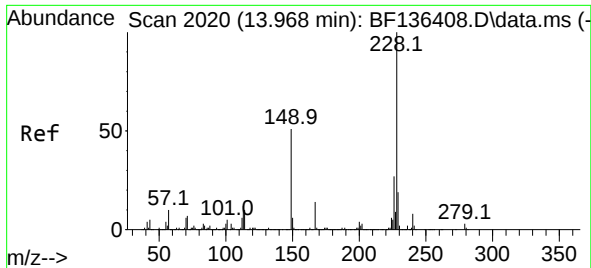
Supervised By :mohammad
 ahmed
 12/15/2023



#80
 Butylbenzylphthalate
 Concen: 44.335 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF136579.D
 Acq: 14 Dec 2023 20:53

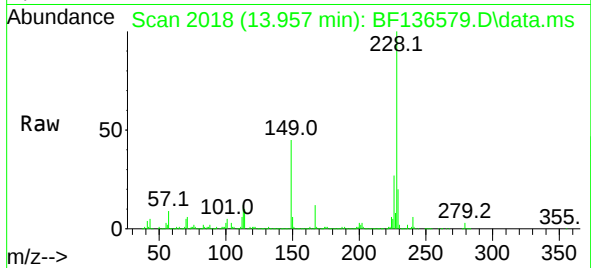
Tgt Ion:149 Resp: 347675
 Ion Ratio Lower Upper
 149 100
 91 69.7 50.5 75.7
 206 20.1 17.4 26.2





#81
Benzo(a)anthracene
Concen: 46.440 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

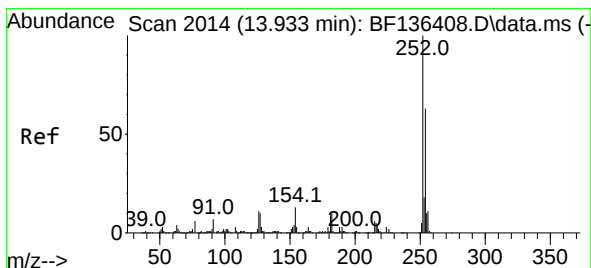
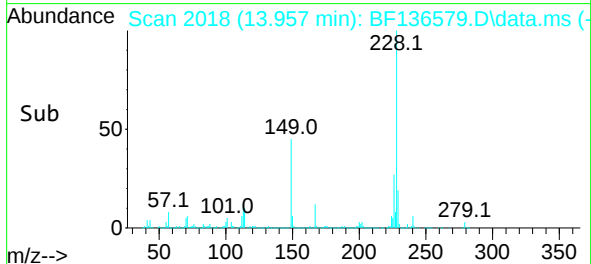
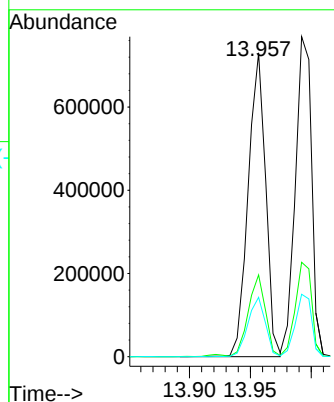


Tgt Ion:228 Resp: 727628
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.0 22.4

Manual Integrations
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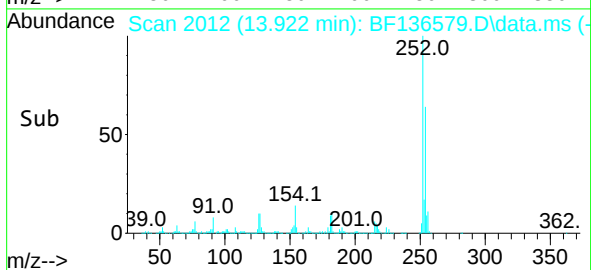
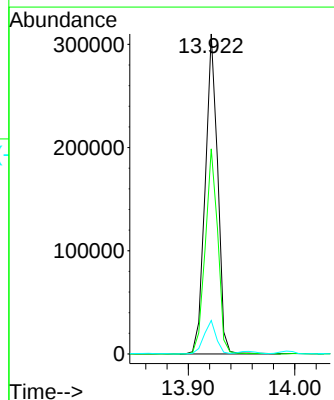
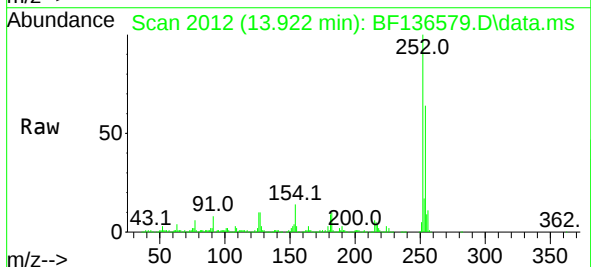
Reviewed By :Yogesh
Patel
12/15/2023

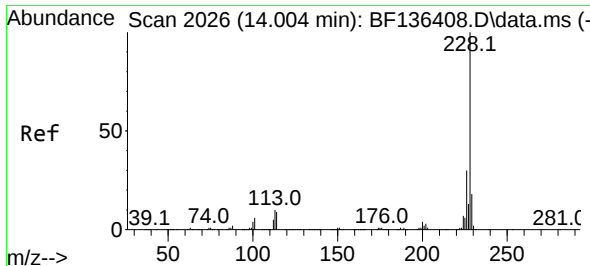
Supervised By :mohammad
ahmed
12/15/2023



#82
3,3'-Dichlorobenzidine
Concen: 57.660 ng
RT: 13.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

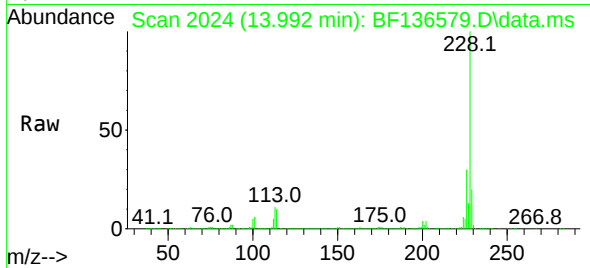
Tgt Ion:252 Resp: 253302
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 10.5 8.6 12.8





#83
Chrysene
Concen: 46.470 ng
RT: 13.992 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

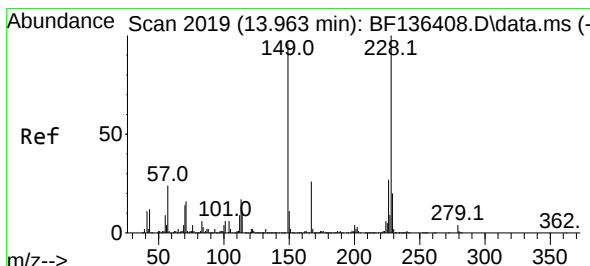
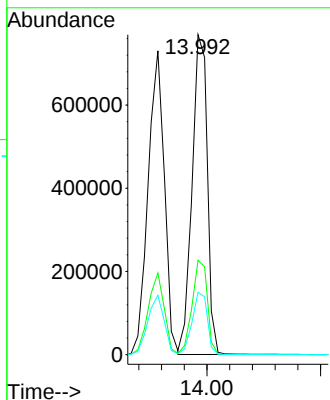
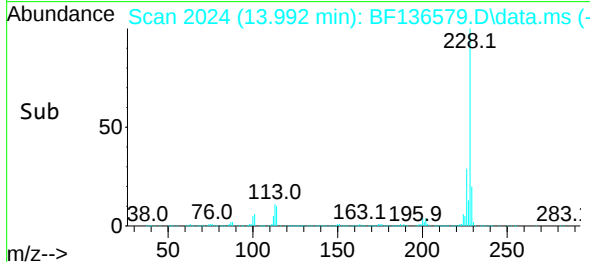


Tgt Ion:228 Resp: 716339
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 19.5 14.8 22.2

Manual Integrations
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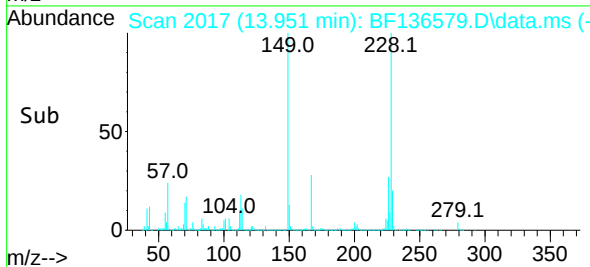
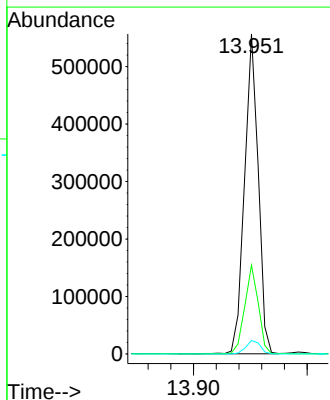
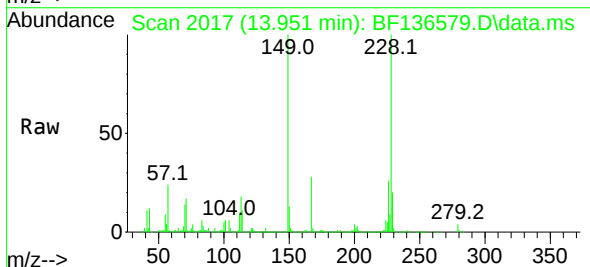
Reviewed By :Yogesh
Patel
12/15/2023

Supervised By :mohammad
ahmed
12/15/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.589 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

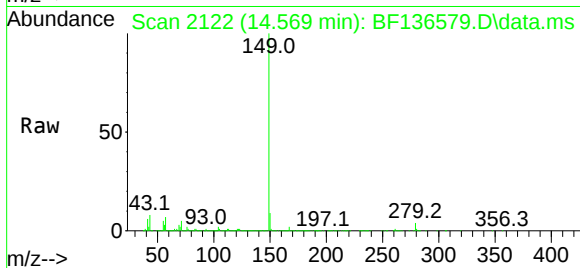
Tgt Ion:149 Resp: 467113
Ion Ratio Lower Upper
149 100
167 27.8 21.2 31.8
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 56.171 ng
RT: 14.569 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

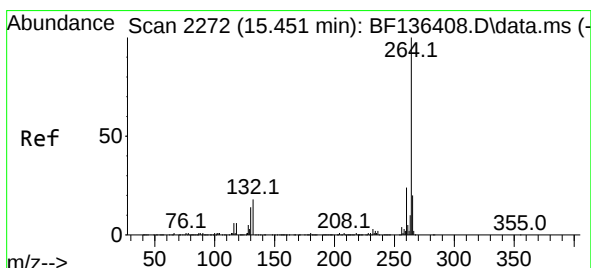
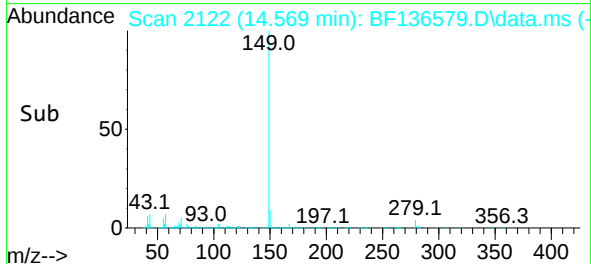
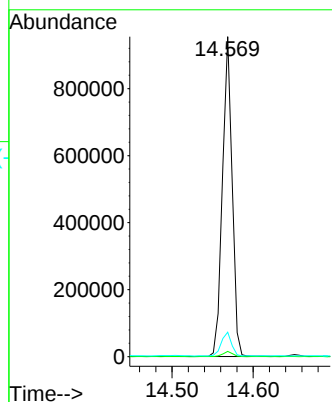


Tgt Ion:149 Resp: 79764
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.8 10.2

Manual Integrations
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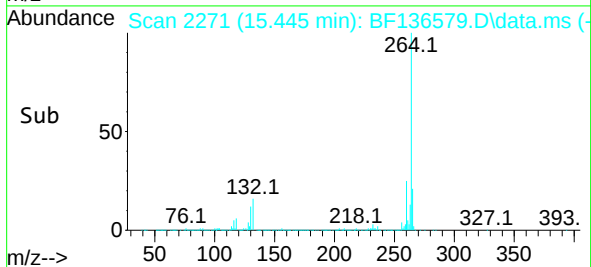
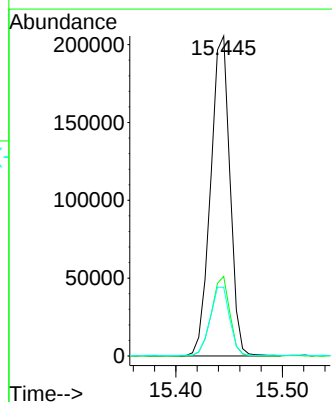
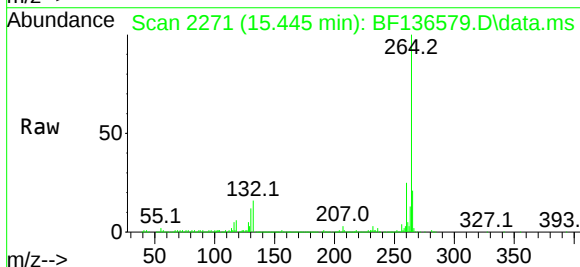
Reviewed By :Yogesh
Patel
12/15/2023

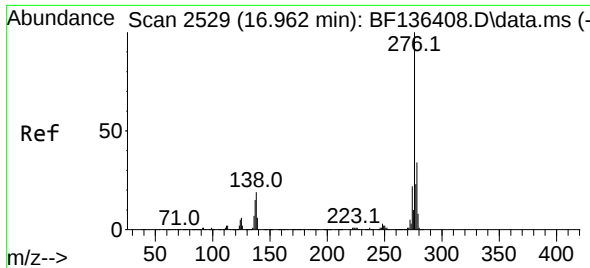
Supervised By :mohammad
ahmed
12/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:264 Resp: 259611
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.5 15.9 23.9





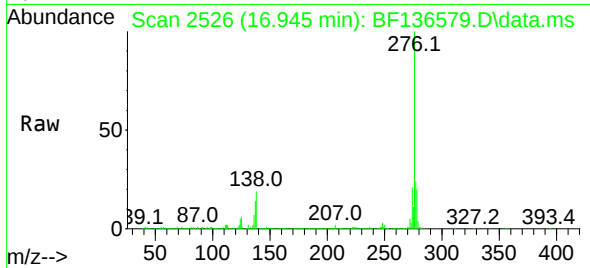
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.659 ng
RT: 16.945 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :

BNA_F

ClientSampleId :

SP-LINDENMS



Tgt Ion:276 Resp: 769392
Ion Ratio Lower Upper
276 100
138 23.2 19.0 28.4
277 25.3 20.0 30.0

Manual Integrations
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Reviewed By :Yogesh

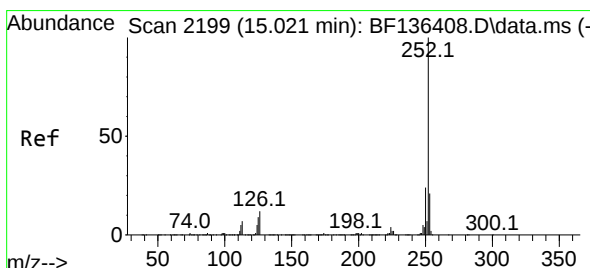
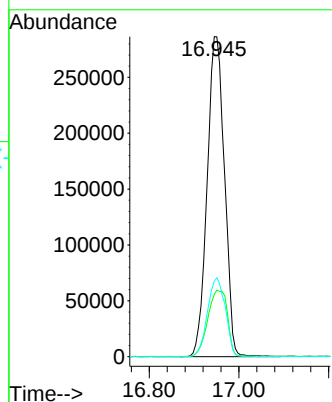
Patel

12/15/2023

Supervised By :mohammad

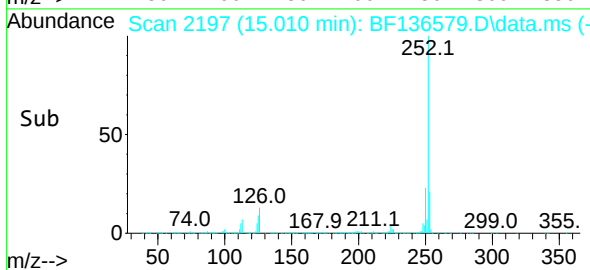
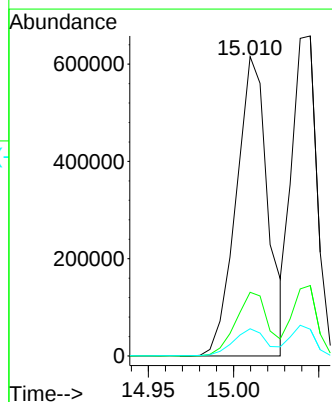
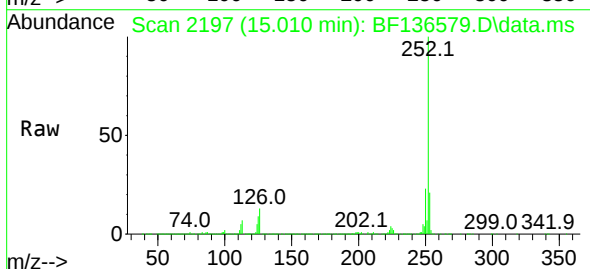
ahmed

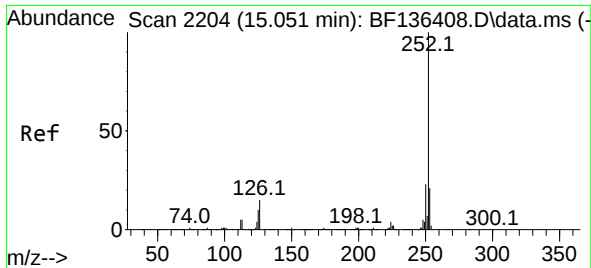
12/15/2023



#88
Benzo(b)fluoranthene
Concen: 44.982 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

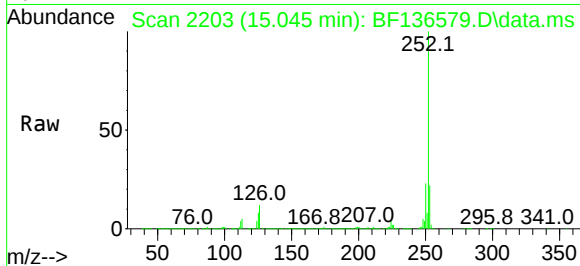
Tgt Ion:252 Resp: 798446
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 9.1 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 40.179 ng
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

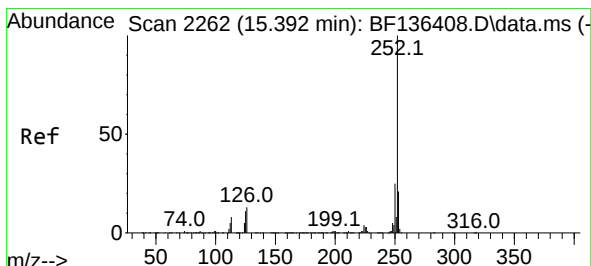
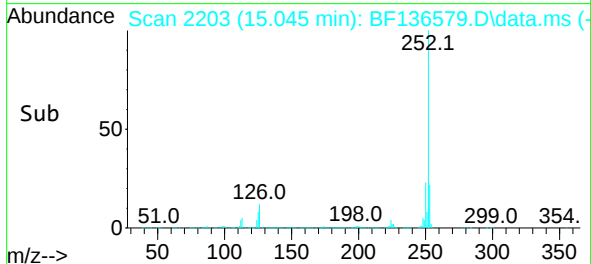
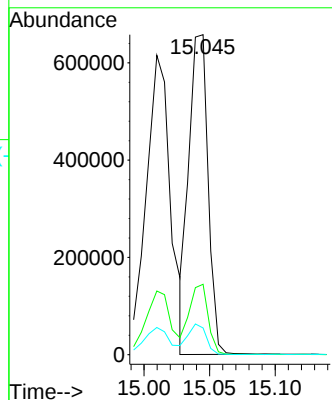


Tgt Ion:252 Resp: 672119
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 8.3 7.5 11.3

Manual Integrations
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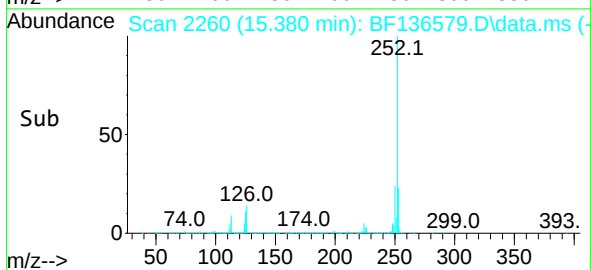
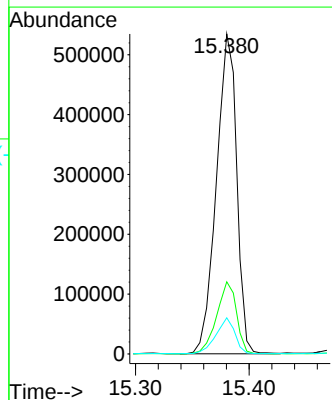
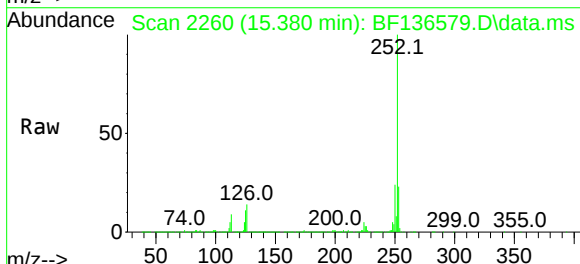
Reviewed By :Yogesh
Patel
12/15/2023

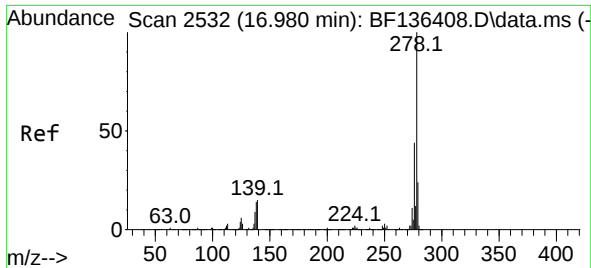
Supervised By :mohammad
ahmed
12/15/2023



#90
Benzo(a)pyrene
Concen: 45.411 ng
RT: 15.380 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

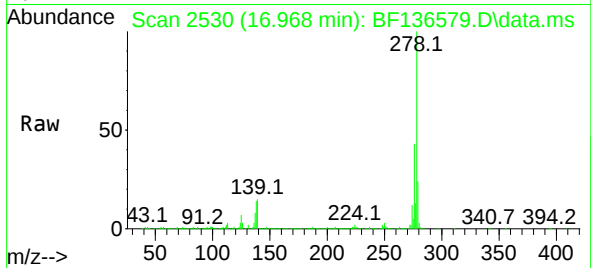
Tgt Ion:252 Resp: 665676
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 11.3 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 43.198 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
SP-LINDENMS

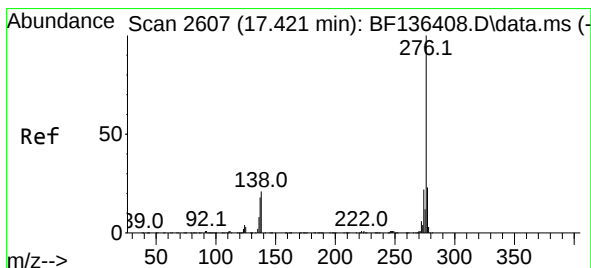
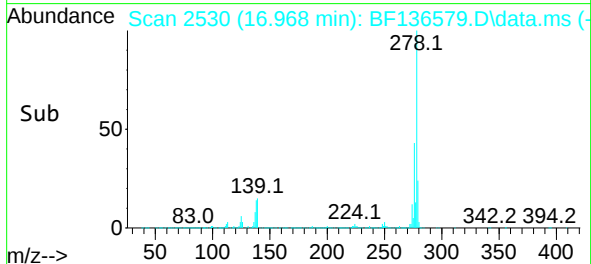
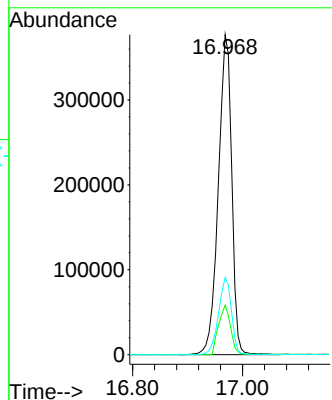


Tgt Ion:278 Resp: 638274
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/15/2023

Supervised By :mohammad
ahmed
12/15/2023



#92
Benzo(g,h,i)perylene
Concen: 37.925 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.006 min
Lab File: BF136579.D
Acq: 14 Dec 2023 20:53

Tgt Ion:276 Resp: 575163
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 19.7 16.6 25.0

