

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136191.D
 Acq On : 24 Nov 2023 21:20
 Operator : CG\JU
 Sample : 05468-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11MS

Quant Time: Nov 24 23:10:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

11/25/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	135092	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	580838	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	292574	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	541105	20.000	ng	0.00
76) Chrysene-d12	13.986	240	249168	20.000	ng	0.00
86) Perylene-d12	15.462	264	285623	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1076622	126.894	ng	0.01
7) Phenol-d6	6.445	99	1319294	126.366	ng	0.00
23) Nitrobenzene-d5	7.369	82	800497	76.907	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	406550	132.675	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1643081	83.015	ng	0.00
79) Terphenyl-d14	12.927	244	1501629	85.546	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	137912	40.592	ng	96
3) Pyridine	3.387	79	337079	36.924	ng	93
4) n-Nitrosodimethylamine	3.357	42	204969	48.950	ng	91
6) Aniline	6.475	93	518345	39.172	ng	97
8) 2-Chlorophenol	6.592	128	469177	51.369	ng	97
9) Benzaldehyde	6.357	77	54584	9.043	ng	90
10) Phenol	6.457	94	611095	53.596	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	427588	51.026	ng	98
12) 1,3-Dichlorobenzene	6.751	146	497247	51.612	ng	95
13) 1,4-Dichlorobenzene	6.828	146	511506	52.948	ng	94
14) 1,2-Dichlorobenzene	6.975	146	480515	52.918	ng	96
15) Benzyl Alcohol	6.951	79	403122	51.627	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	596176	54.458	ng	96
17) 2-Methylphenol	7.063	107	378496	49.668	ng	95
18) Hexachloroethane	7.316	117	175741	49.849	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	335419	55.656	ng	# 91
20) 3+4-Methylphenols	7.216	107	483518	50.841	ng	93
22) Acetophenone	7.216	105	697009	51.975	ng	# 87
24) Nitrobenzene	7.392	77	478336	47.221	ng	96
25) Isophorone	7.628	82	899976	50.102	ng	95
26) 2-Nitrophenol	7.704	139	206069	41.973	ng	98
27) 2,4-Dimethylphenol	7.739	122	343686	41.675	ng	89
28) bis(2-Chloroethoxy)met...	7.839	93	540769	49.919	ng	# 93
29) 2,4-Dichlorophenol	7.945	162	391264	48.659	ng	93
30) 1,2,4-Trichlorobenzene	8.028	180	443258	49.509	ng	96
31) Naphthalene	8.110	128	1434706	50.143	ng	96
32) Benzoic acid	7.869	122	245182	41.046	ng	94
33) 4-Chloroaniline	8.157	127	327432	27.590	ng	98
34) Hexachlorobutadiene	8.228	225	249157	45.779	ng	95
35) Caprolactam	8.528	113	112365m	48.263	ng	
36) 4-Chloro-3-methylphenol	8.639	107	426732	50.547	ng	97
37) 2-Methylnaphthalene	8.798	142	896710	46.742	ng	90
38) 1-Methylnaphthalene	8.898	142	854125	47.987	ng	90
40) 1,2,4,5-Tetrachloroben...	8.963	216	430358	49.080	ng	97
41) Hexachlorocyclopentadiene	8.951	237	486872	107.675	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	278101	50.651	ng	96

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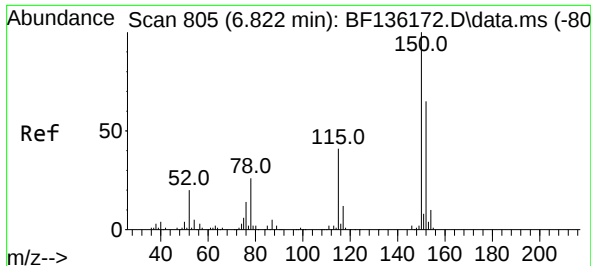
Manual Integrations APPROVED

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 Patel

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	297892	47.097	ng	95
46) 1,1'-Biphenyl	9.269	154	1203422	52.419	ng	96
47) 2-Chloronaphthalene	9.292	162	906256	54.006	ng	94
48) 2-Nitroaniline	9.386	65	245333	47.951	ng	84
49) Acenaphthylene	9.704	152	1445599	55.810	ng	96
50) Dimethylphthalate	9.575	163	1032273	52.220	ng	97
51) 2,6-Dinitrotoluene	9.633	165	193031	45.001	ng	98
52) Acenaphthene	9.880	154	836059	48.461	ng	87
53) 3-Nitroaniline	9.798	138	155550	34.011	ng	94
54) 2,4-Dinitrophenol	9.910	184	183894	87.379	ng	93
55) Dibenzofuran	10.051	168	1273547	53.094	ng	99
56) 4-Nitrophenol	9.969	139	334427	110.039	ng	89
57) 2,4-Dinitrotoluene	10.039	165	273018	50.114	ng	# 95
58) Fluorene	10.398	166	983516	54.024	ng	90
59) 2,3,4,6-Tetrachlorophenol	10.169	232	243213	50.734	ng	93
60) Diethylphthalate	10.275	149	1023785	51.624	ng	95
61) 4-Chlorophenyl-phenyle...	10.392	204	462533	49.979	ng	91
62) 4-Nitroaniline	10.422	138	201360	48.309	ng	95
63) Azobenzene	10.551	77	957480	55.181	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	117780	38.815	ng	96
66) n-Nitrosodiphenylamine	10.510	169	839897	48.925	ng	93
67) 4-Bromophenyl-phenylether	10.880	248	288469	47.867	ng	95
68) Hexachlorobenzene	10.939	284	326622	51.050	ng	98
69) Atrazine	11.039	200	268886	61.827	ng	92
70) Pentachlorophenol	11.139	266	351374	98.193	ng	96
71) Phenanthrene	11.363	178	1453606m	52.459	ng	
72) Anthracene	11.410	178	1476874	52.215	ng	96
73) Carbazole	11.569	167	1190898	52.545	ng	97
74) Di-n-butylphthalate	11.904	149	1519639	56.677	ng	# 96
75) Fluoranthene	12.551	202	1305921	51.608	ng	96
77) Benzidine	12.674	184	402954	93.395	ng	97
78) Pyrene	12.780	202	1271699	54.579	ng	95
80) Butylbenzylphthalate	13.410	149	404222	54.444	ng	95
81) Benzo(a)anthracene	13.974	228	873095	52.828	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	249548	47.035	ng	99
83) Chrysene	14.010	228	831316	51.415	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	511667	57.097	ng	96
85) Di-n-octyl phthalate	14.592	149	861044	57.388	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1060421	50.671	ng	98
88) Benzo(b)fluoranthene	15.027	252	876962	55.612	ng	96
89) Benzo(k)fluoranthene	15.063	252	808796	50.932	ng	95
90) Benzo(a)pyrene	15.404	252	762390	49.017	ng	95
91) Dibenzo(a,h)anthracene	16.998	278	854219	49.252	ng	98
92) Benzo(g,h,i)perylene	17.433	276	827911	47.083	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

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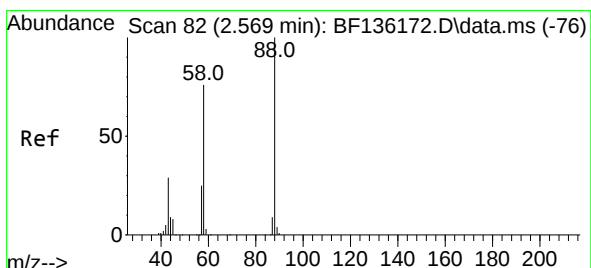
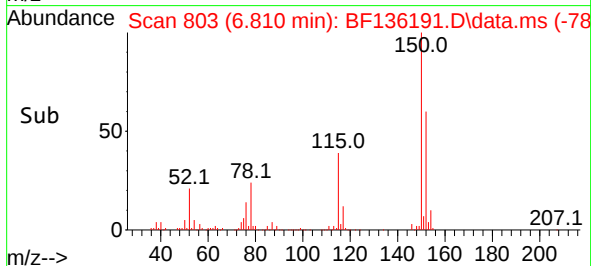
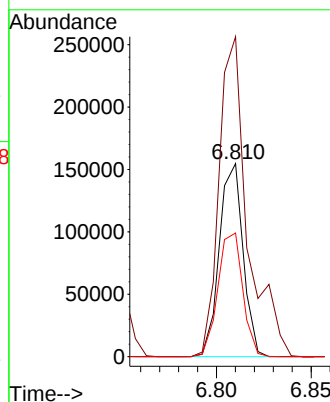
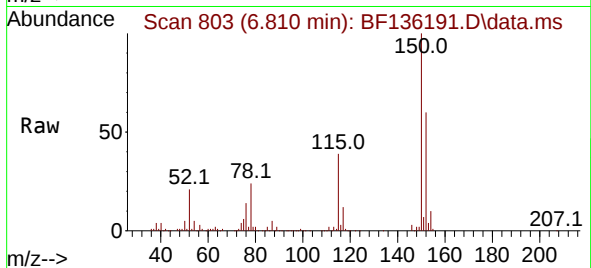
Tgt Ion:152 Resp: 135092
 Ion Ratio Lower Upper
 152 100
 150 165.7 123.1 184.7
 115 64.1 50.5 75.7

Manual Integrations
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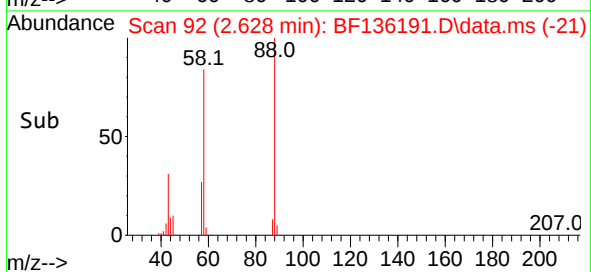
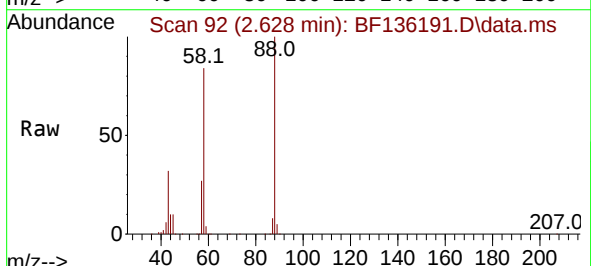
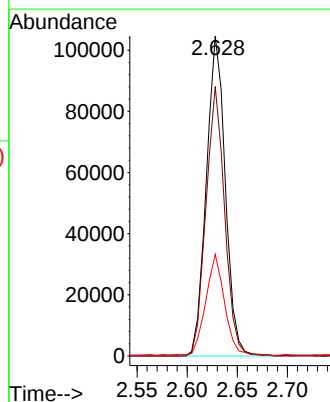
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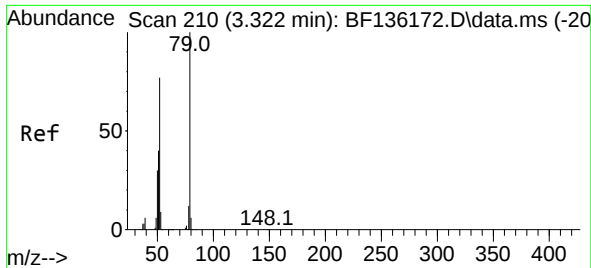
11/27/2023



#2
 1,4-Dioxane
 Concen: 40.592 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.070 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

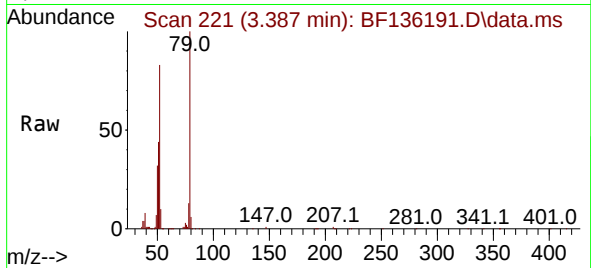
Tgt Ion: 88 Resp: 137912
 Ion Ratio Lower Upper
 88 100
 58 82.9 62.8 94.2
 43 31.6 23.9 35.9





#3
Pyridine
Concen: 36.924 ng
RT: 3.387 min Scan# 210
Delta R.T. 0.064 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
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TP-11MS



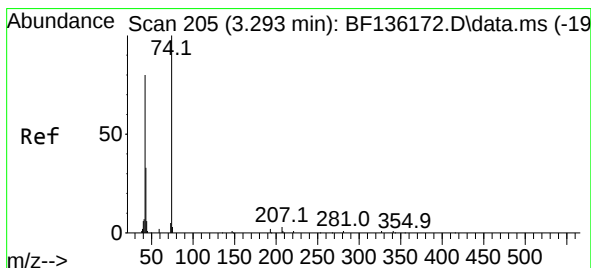
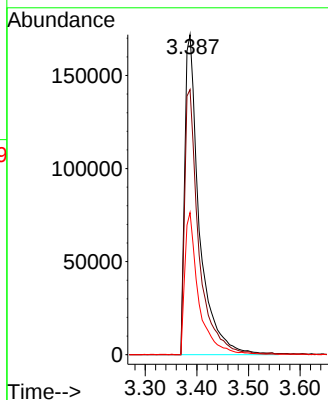
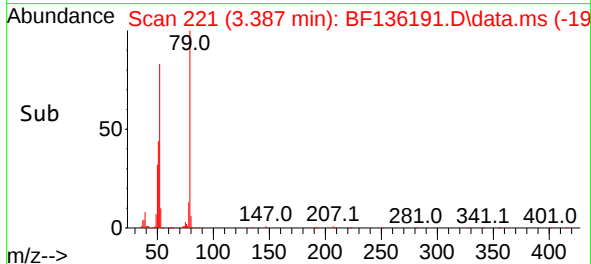
Tgt Ion: 79 Resp: 337079
Ion Ratio Lower Upper
79 100
52 82.8 61.8 92.6
51 44.4 31.6 47.4

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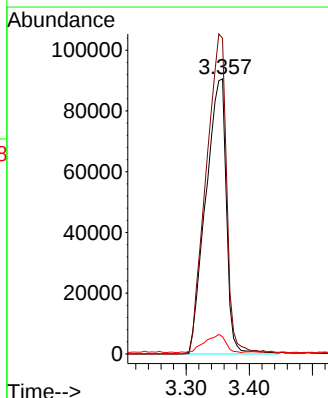
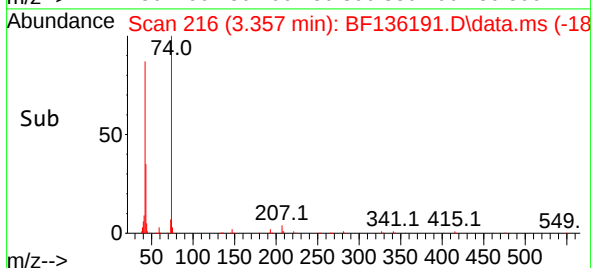
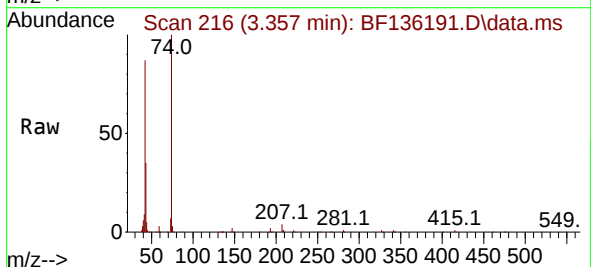
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ahmed

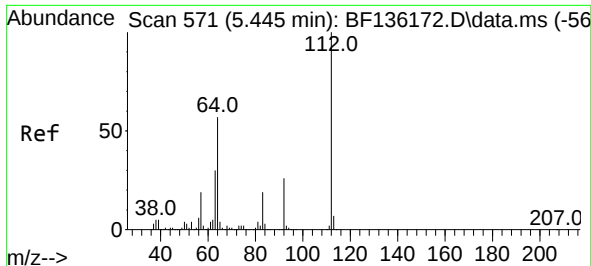
11/27/2023



#4
n-Nitrosodimethylamine
Concen: 48.950 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

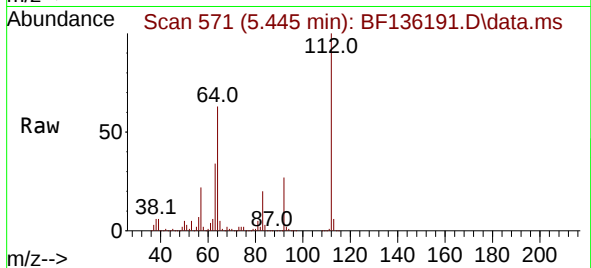
Tgt Ion: 42 Resp: 204969
Ion Ratio Lower Upper
42 100
74 114.8 100.2 150.2
44 6.3 5.6 8.4





#5
2-Fluorophenol
Concen: 126.894 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



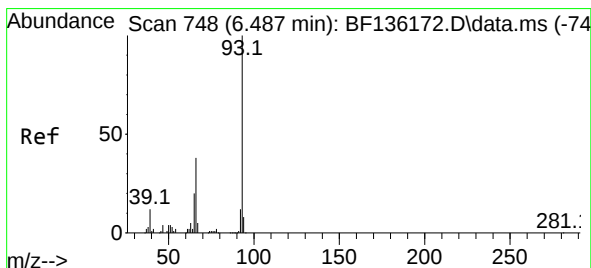
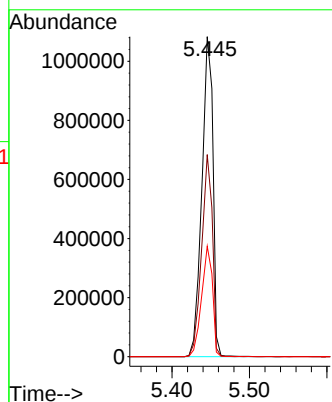
Tgt Ion: 112 Resp: 107662
Ion Ratio Lower Upper
112 100
64 63.1 45.4 68.0
63 34.5 24.4 36.6

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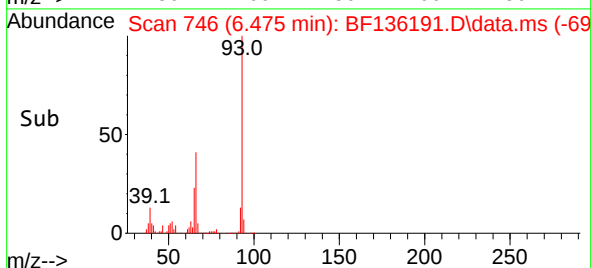
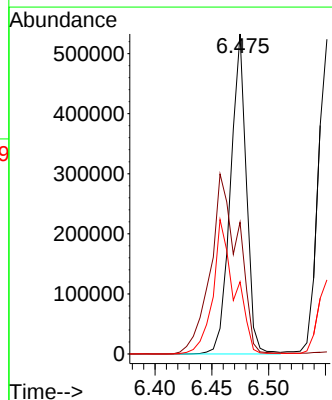
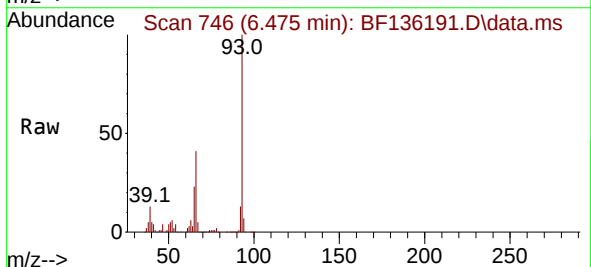
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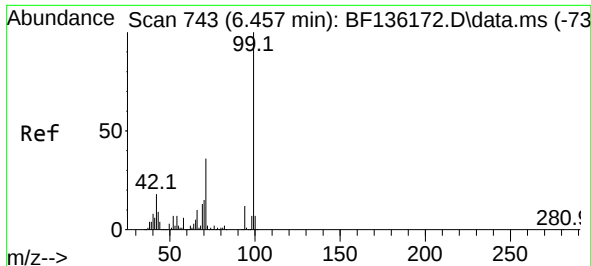
11/27/2023



#6
Aniline
Concen: 39.172 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

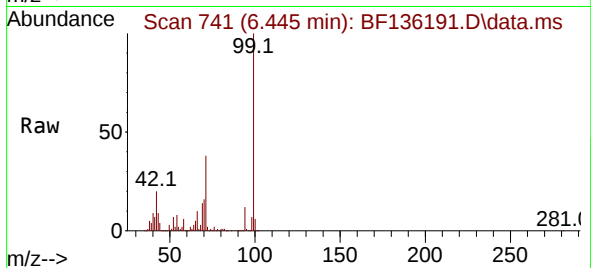
Tgt Ion: 93 Resp: 518345
Ion Ratio Lower Upper
93 100
66 41.2 31.7 47.5
65 22.5 16.1 24.1





#7
Phenol-d6
Concen: 126.366 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
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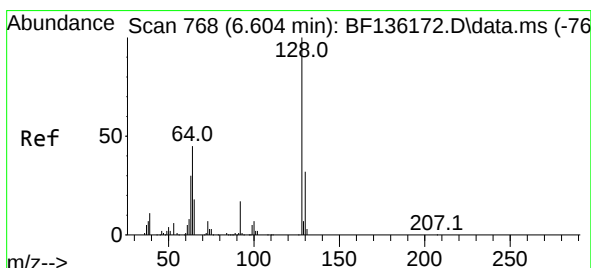
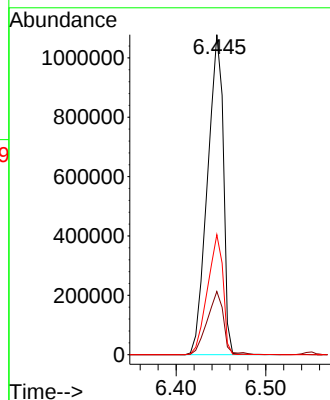
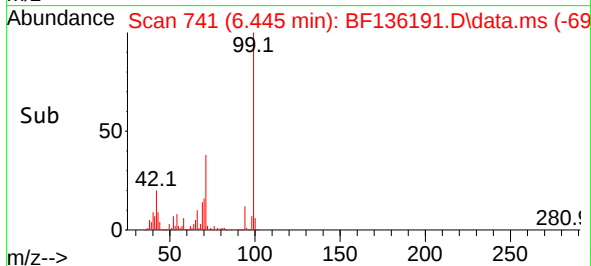
Tgt Ion: 99 Resp: 1319294
Ion Ratio Lower Upper
99 100
42 19.7 14.1 21.1
71 37.5 29.0 43.4

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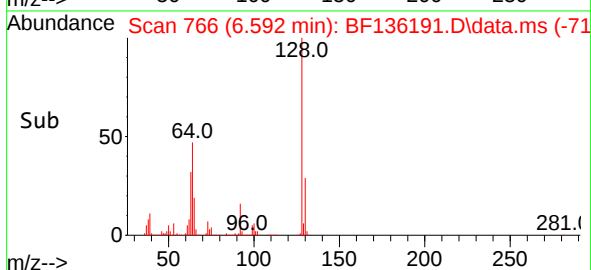
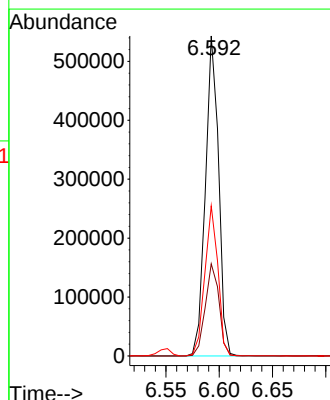
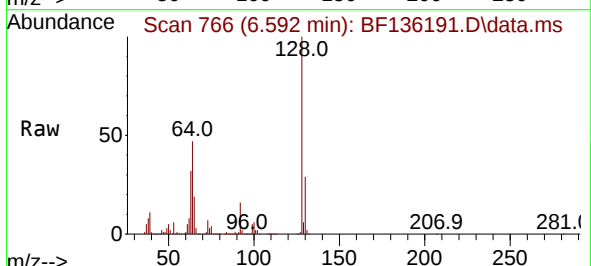
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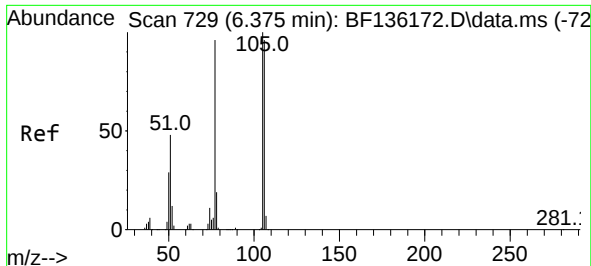
11/27/2023



#8
2-Chlorophenol
Concen: 51.369 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

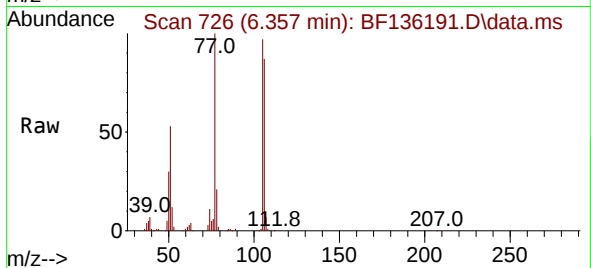
Tgt Ion:128 Resp: 469177
Ion Ratio Lower Upper
128 100
130 28.8 12.2 52.2
64 46.9 26.5 66.5





#9
Benzaldehyde
Concen: 9.043 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
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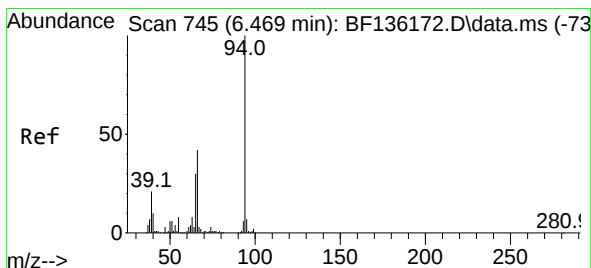
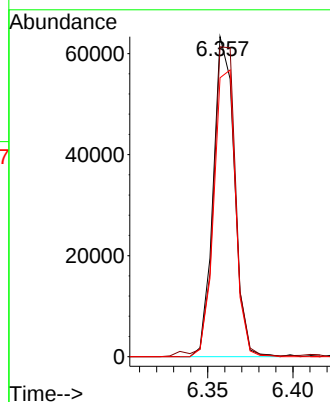
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Ion Ratio Lower Upper
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106 87.1 79.8 119.8

Manual Integrations
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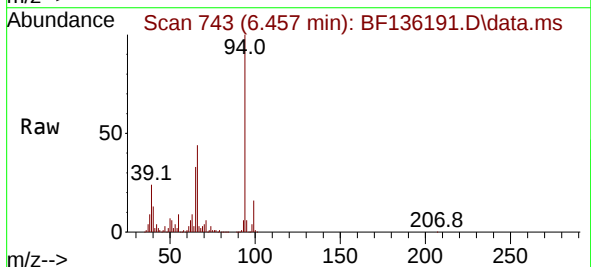
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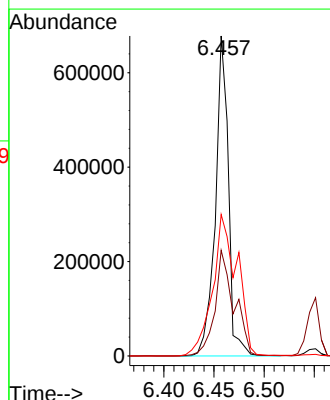
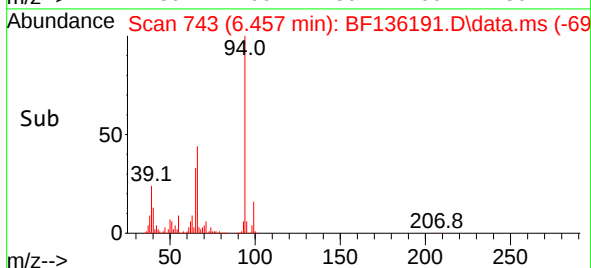
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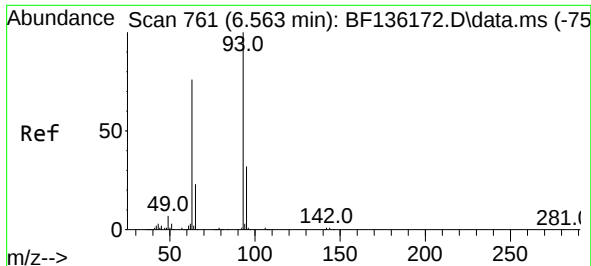


#10
Phenol
Concen: 53.596 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20



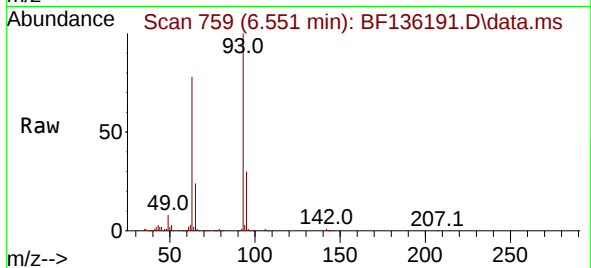
Tgt Ion: 94 Resp: 611095
Ion Ratio Lower Upper
94 100
65 33.0 9.7 49.7
66 44.2 22.5 62.5





#11
bis(2-Chloroethyl)ether
Concen: 51.026 ng
RT: 6.551 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



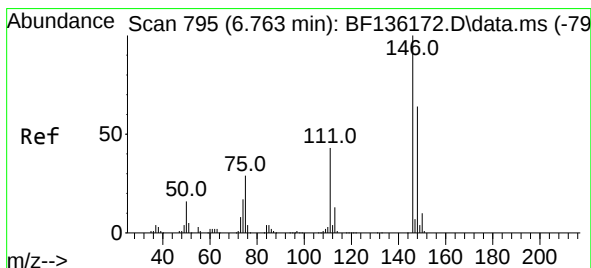
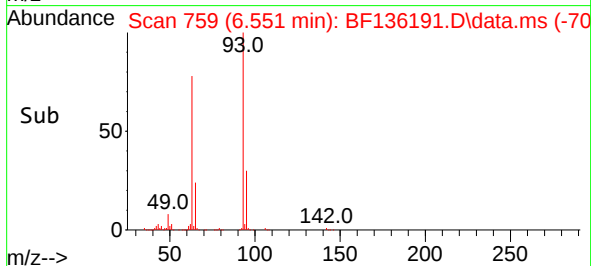
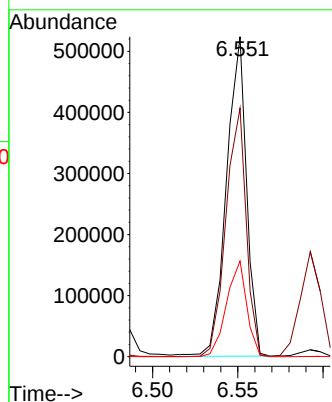
Tgt Ion: 93 Resp: 42758
Ion Ratio Lower Upper
93 100
63 77.7 56.3 96.3
95 29.9 12.1 52.1

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Reviewed By :Yogesh
Patel

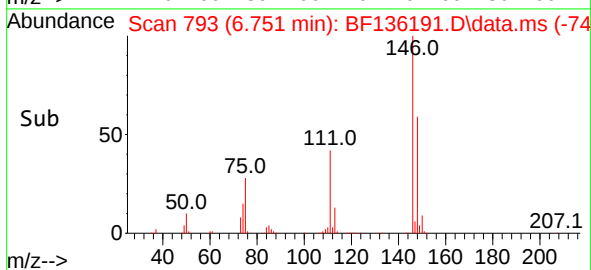
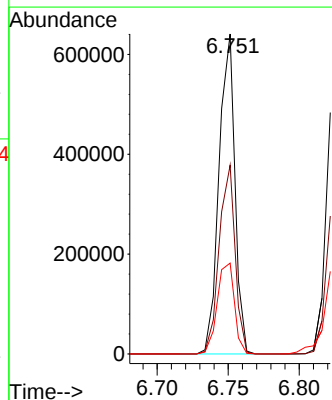
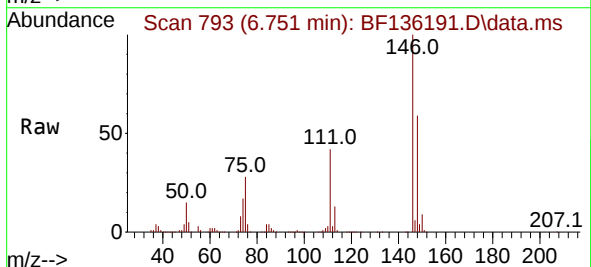
11/25/2023
Supervised By :mohammad
ahmed

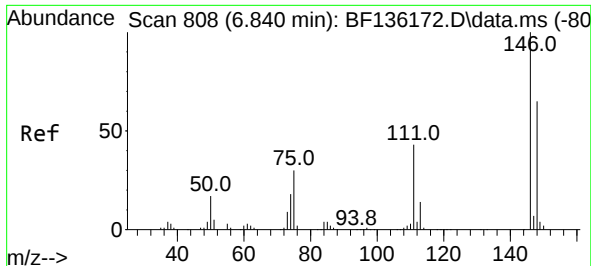
11/27/2023



#12
1,3-Dichlorobenzene
Concen: 51.612 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:146 Resp: 497247
Ion Ratio Lower Upper
146 100
148 59.0 51.2 76.8
75 28.4 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 52.948 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:146 Resp: 511500

Ion Ratio Lower Upper

146 100

148 58.5 51.8 77.8

111 40.8 34.3 51.5

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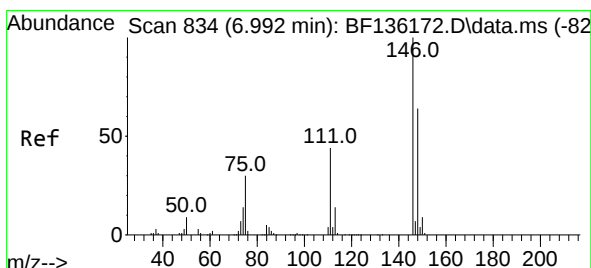
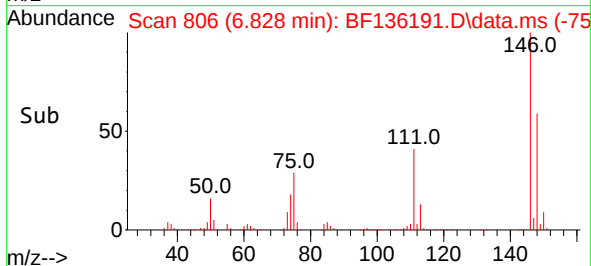
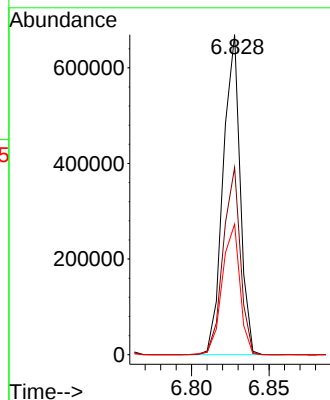
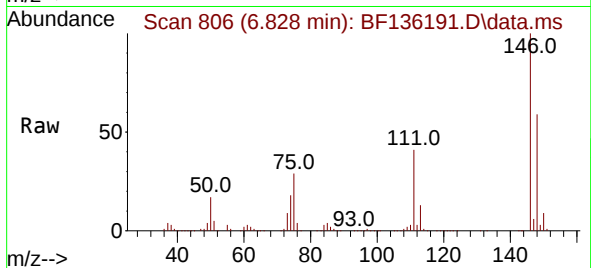
APPROVED

Reviewed By :Yogesh
Patel

11/25/2023

Supervised By :mohammad
ahmed

11/27/2023



#14

1,2-Dichlorobenzene

Concen: 52.918 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

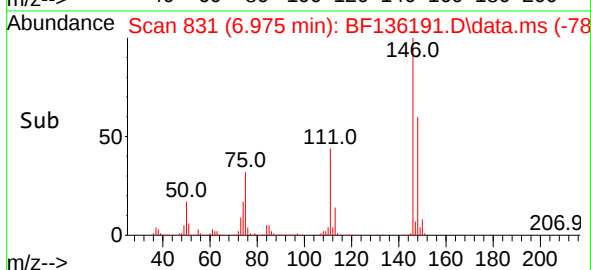
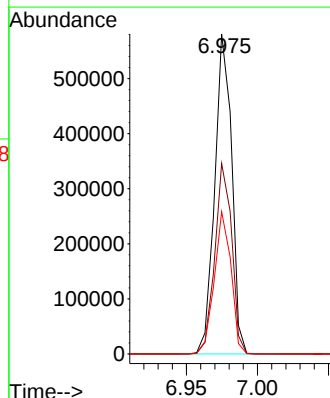
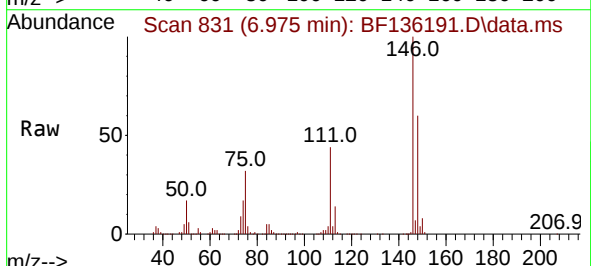
Tgt Ion:146 Resp: 480515

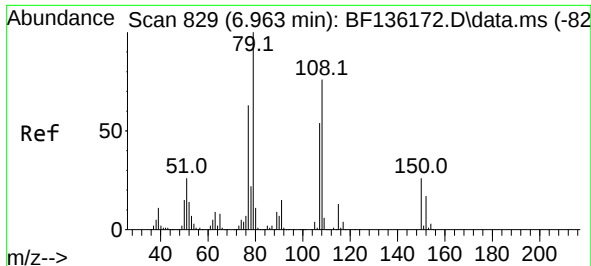
Ion Ratio Lower Upper

146 100

148 59.5 51.4 77.2

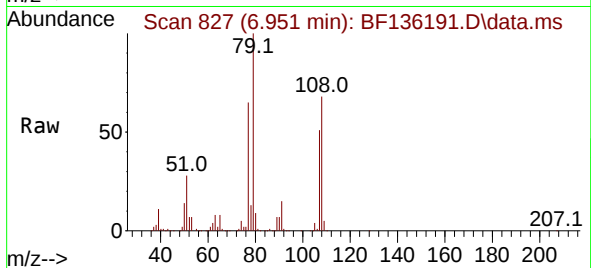
111 44.5 35.0 52.4





#15
Benzyl Alcohol
Concen: 51.627 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



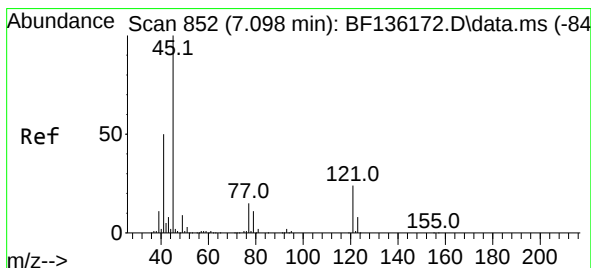
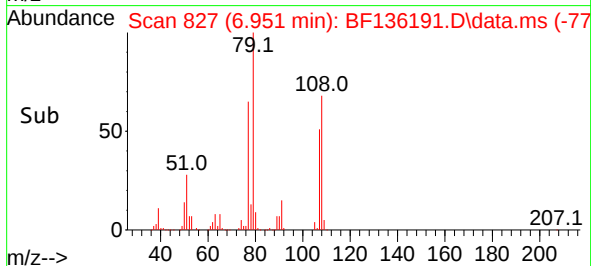
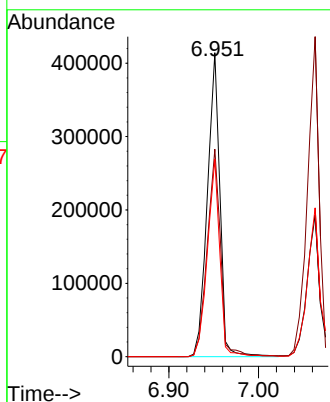
Tgt Ion: 79 Resp: 40312
Ion Ratio Lower Upper
79 100
108 68.2 60.6 90.8
77 65.0 50.3 75.5

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Reviewed By :Yogesh
Patel

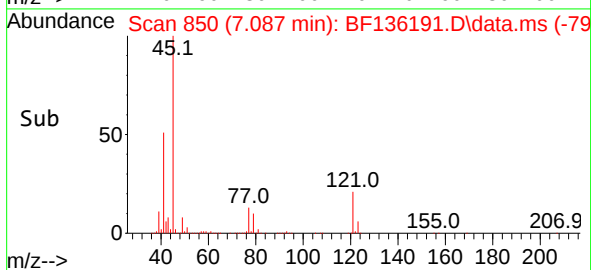
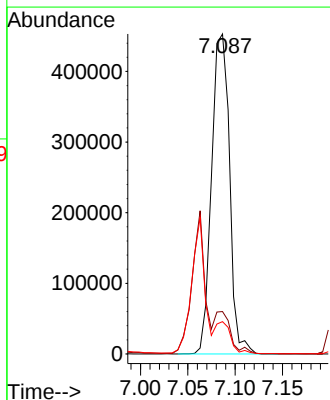
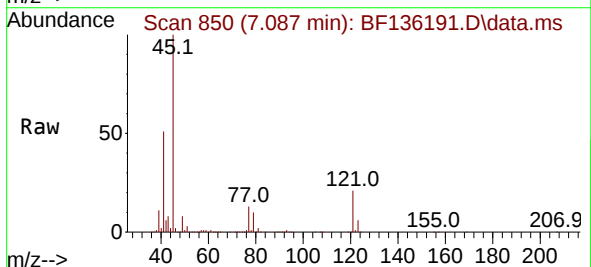
11/25/2023
Supervised By :mohammad
ahmed

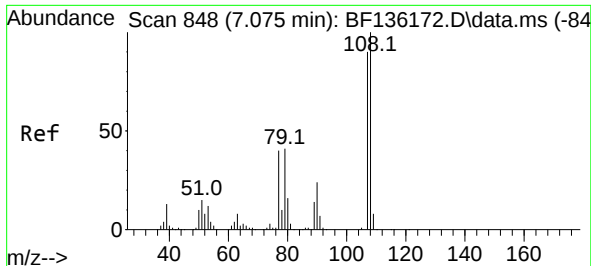
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.458 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

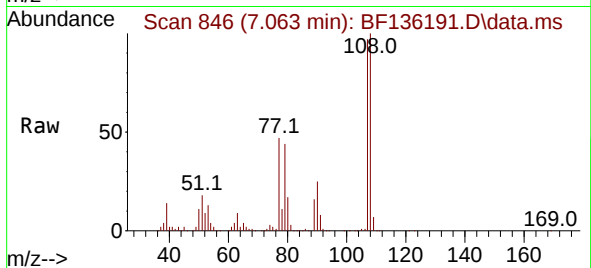
Tgt Ion: 45 Resp: 596176
Ion Ratio Lower Upper
45 100
77 13.2 0.0 35.2
79 10.1 0.0 31.2





#17
2-Methylphenol
Concen: 49.668 ng
RT: 7.063 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



Tgt Ion:107 Resp: 378490

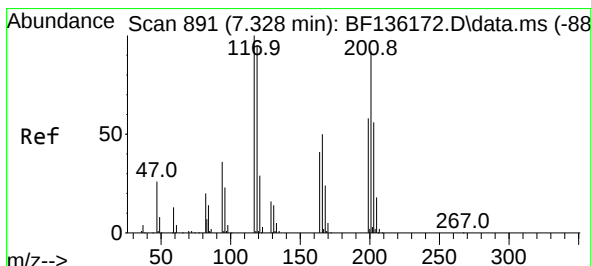
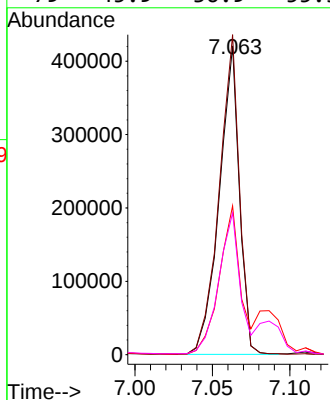
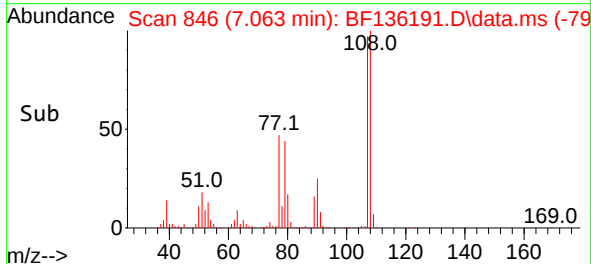
Ion	Ratio	Lower	Upper
107	100		
108	103.6	89.4	134.2
77	48.2	35.9	53.9
79	45.9	36.9	55.3

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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

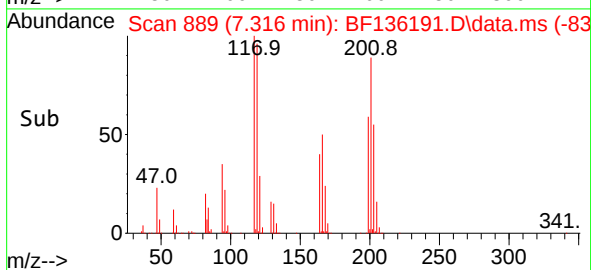
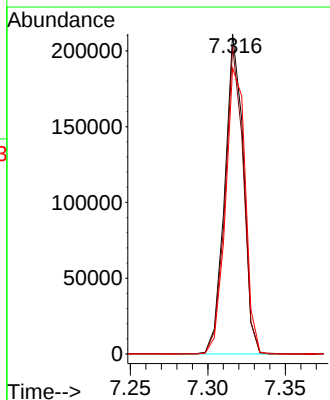
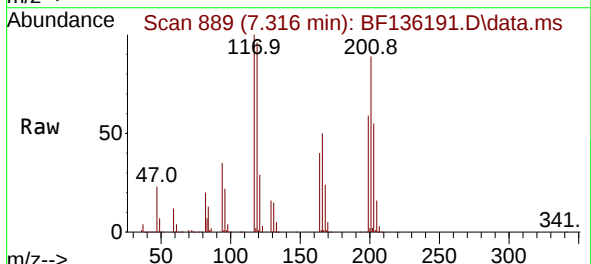
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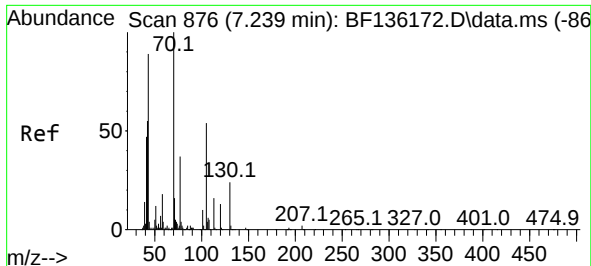


#18
Hexachloroethane
Concen: 49.849 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:117 Resp: 175741

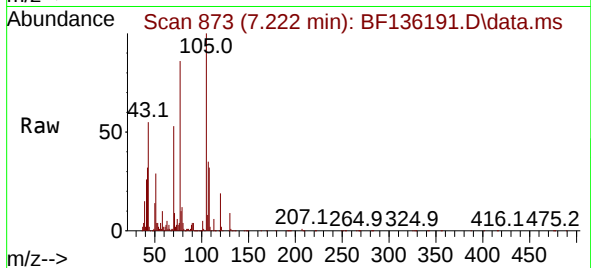
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.4
201	89.3	73.7	110.5





#19
n-Nitroso-di-n-propylamine
Concen: 55.656 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



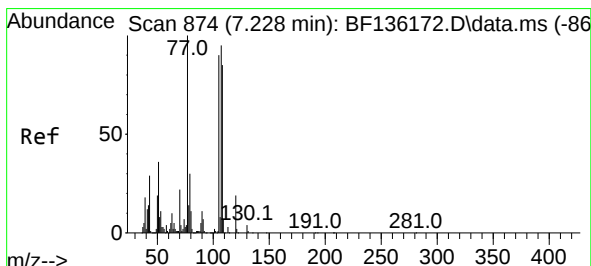
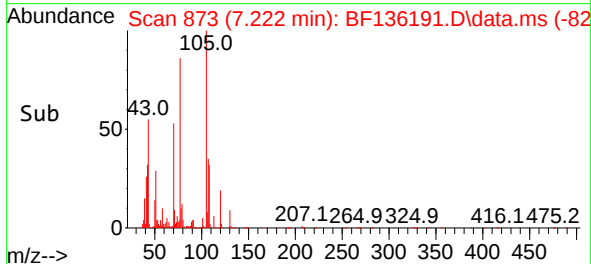
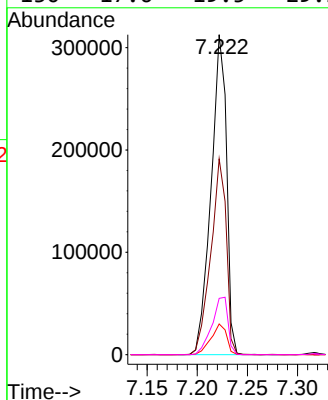
Tgt Ion: 70 Resp: 335419
Ion Ratio Lower Upper
70 100
42 61.2 43.9 65.9
101 9.6 8.1 12.1
130 17.6 19.5 29.3#

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Reviewed By :Yogesh
Patel

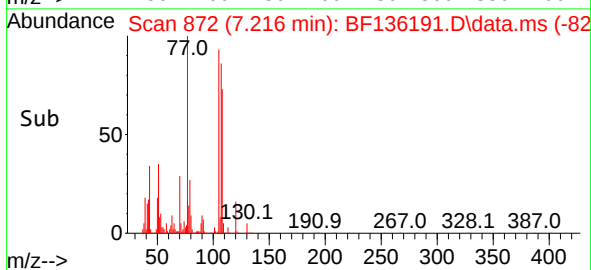
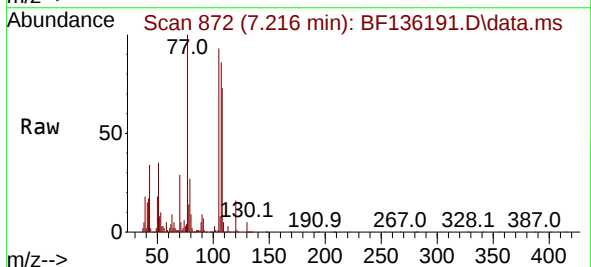
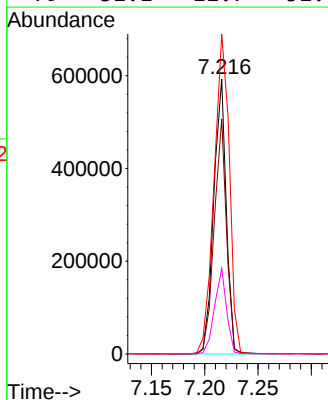
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Supervised By :mohammad
ahmed

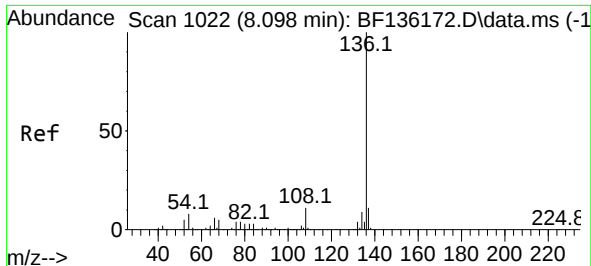
11/27/2023



#20
3+4-Methylphenols
Concen: 50.841 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:107 Resp: 483518
Ion Ratio Lower Upper
107 100
108 85.5 70.1 110.1
77 116.4 85.7 125.7
79 31.1 11.7 51.7





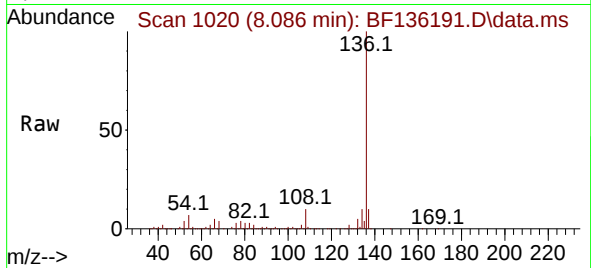
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS



Tgt Ion:136 Resp: 580838
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 7.4 6.3 9.5
68 4.4 3.8 5.8

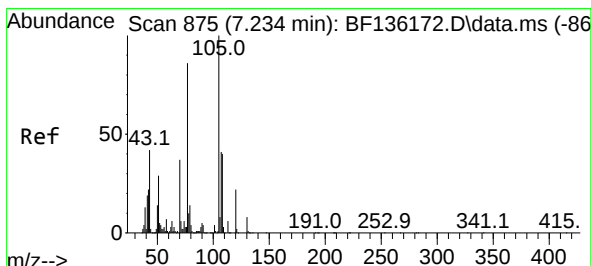
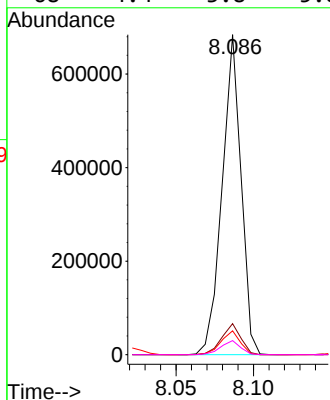
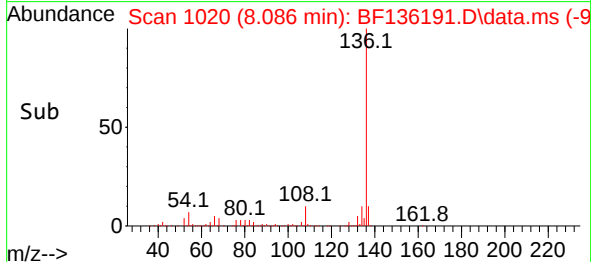
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Patel

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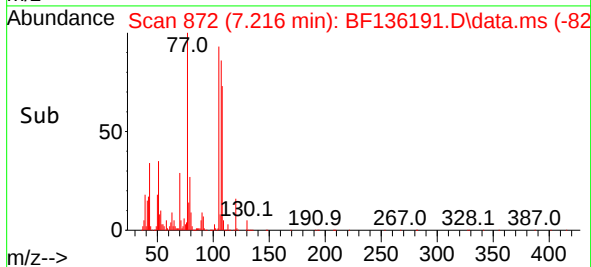
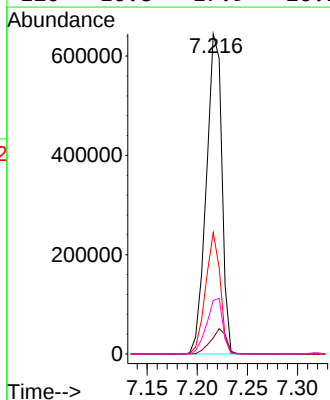
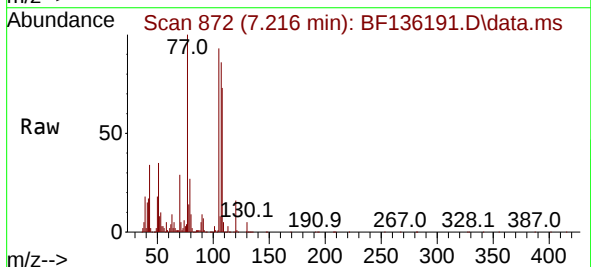
Supervised By :mohammad
ahmed

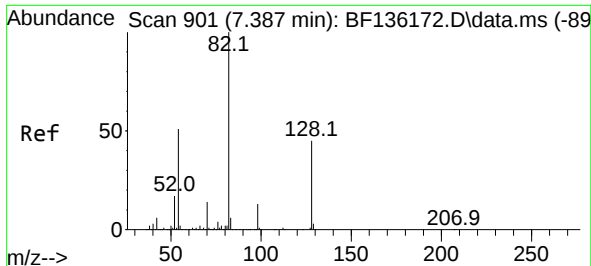
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#22
Acetophenone
Concen: 51.975 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:105 Resp: 697009
Ion Ratio Lower Upper
105 100
71 5.0 5.0 7.4
51 37.9 23.5 35.3#
120 16.8 17.9 26.9#





#23
Nitrobenzene-d5
Concen: 76.907 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS

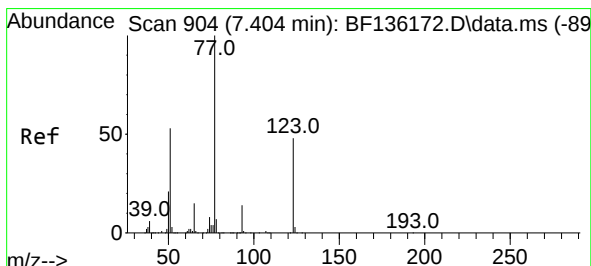
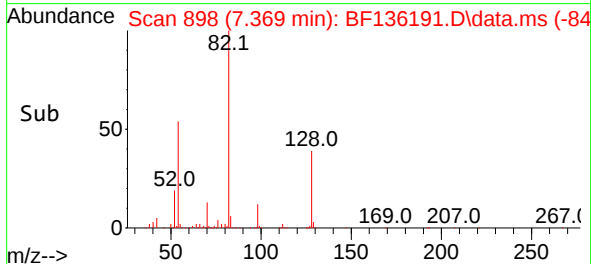
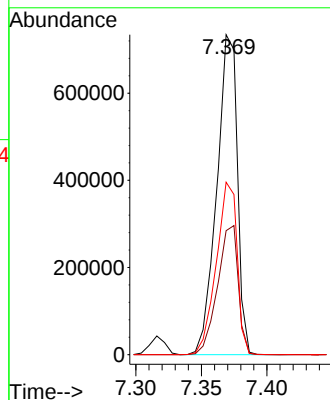
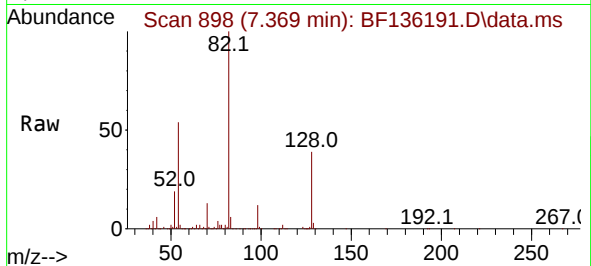
Tgt Ion: 82 Resp: 80049
Ion Ratio Lower Upper
82 100
128 38.7 35.8 53.6
54 53.9 40.6 60.8

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Reviewed By :Yogesh
Patel

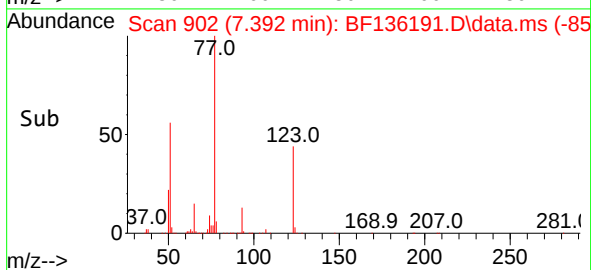
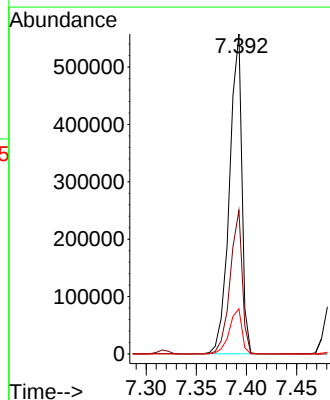
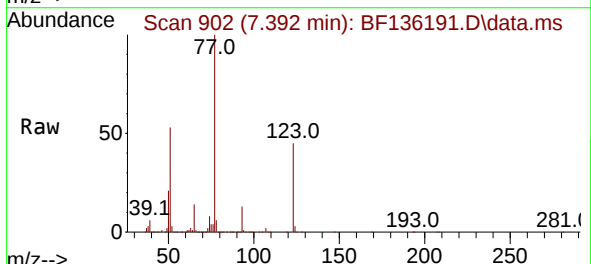
11/25/2023
Supervised By :mohammad
ahmed

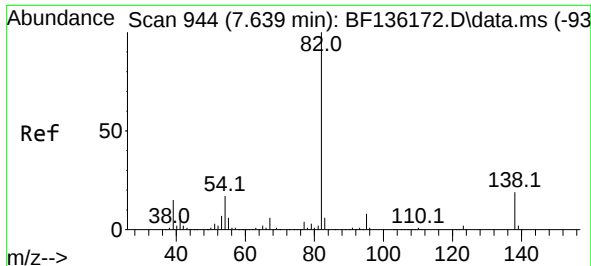
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#24
Nitrobenzene
Concen: 47.221 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

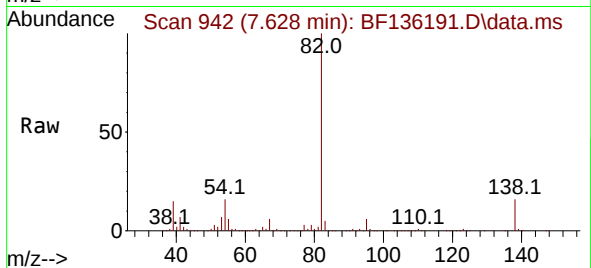
Tgt Ion: 77 Resp: 478336
Ion Ratio Lower Upper
77 100
123 44.8 38.8 58.2
65 14.1 11.7 17.5





#25
Isophorone
Concen: 50.102 ng
RT: 7.628 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



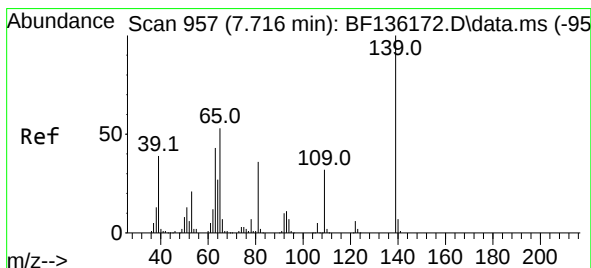
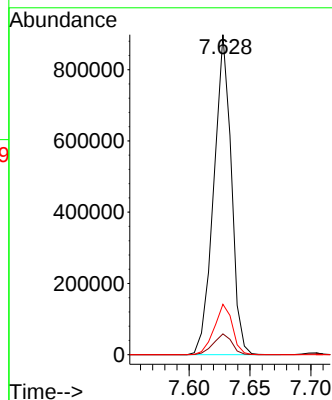
Tgt Ion: 82 Resp: 899970
Ion Ratio Lower Upper
82 100
95 6.5 6.2 9.4
138 15.7 14.8 22.2

Manual Integrations
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Reviewed By :Yogesh
Patel

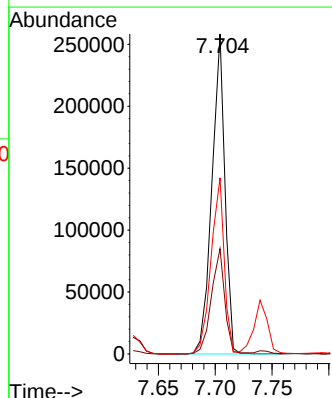
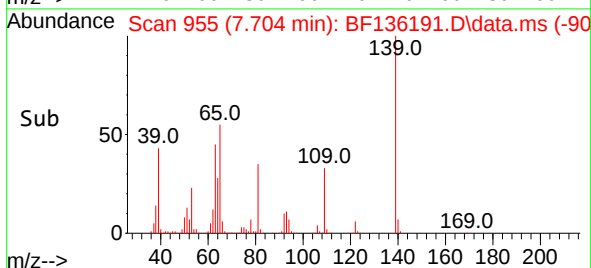
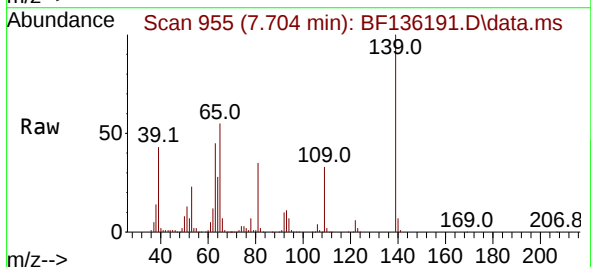
11/25/2023
Supervised By :mohammad
ahmed

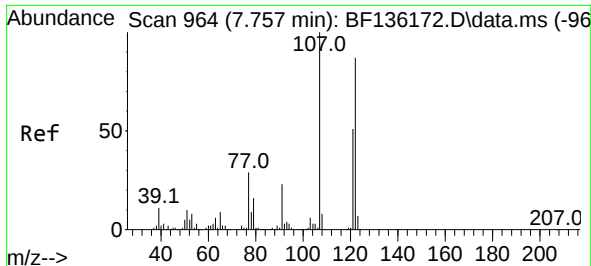
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#26
2-Nitrophenol
Concen: 41.973 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:139 Resp: 206069
Ion Ratio Lower Upper
139 100
109 32.9 25.8 38.8
65 55.0 42.7 64.1





#27
2,4-Dimethylphenol
Concen: 41.675 ng
RT: 7.739 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:122 Resp: 343680
Ion Ratio Lower Upper
122 100
107 129.4 91.8 137.8
121 63.9 47.0 70.4

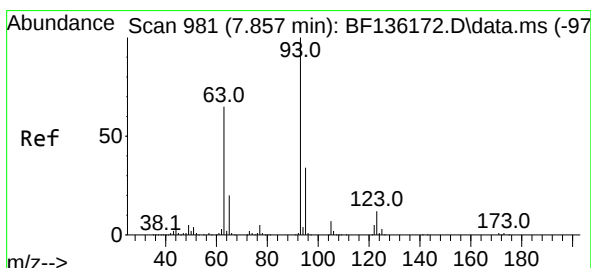
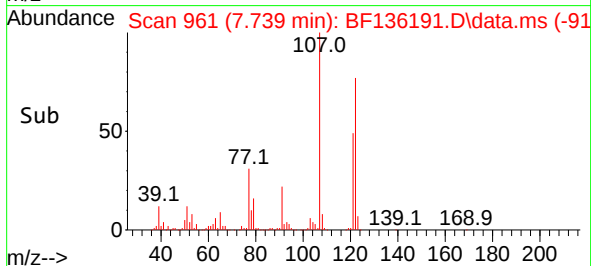
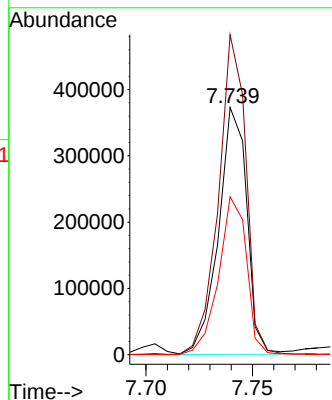
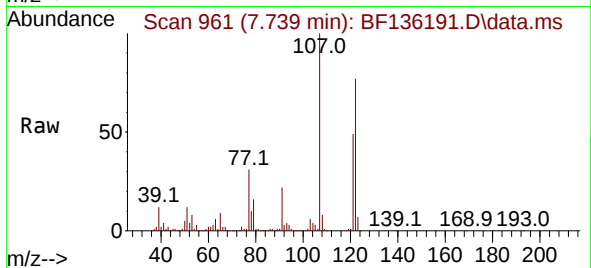
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Reviewed By :Yogesh
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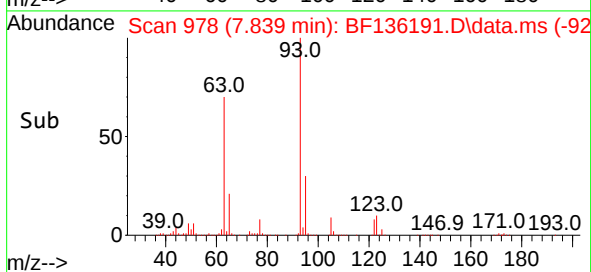
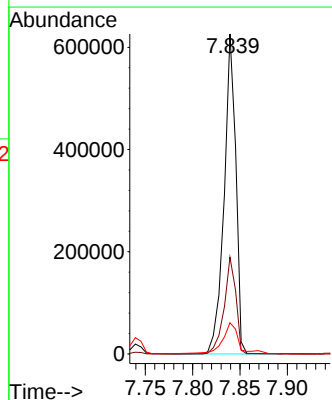
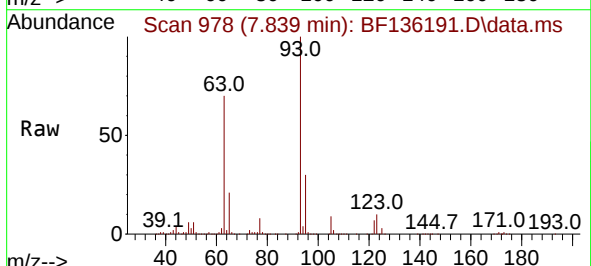
Supervised By :mohammad
ahmed

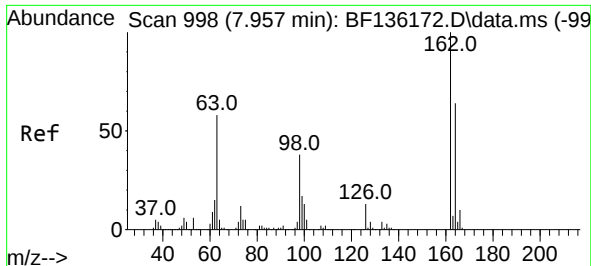
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#28
bis(2-Chloroethoxy)methane
Concen: 49.919 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion: 93 Resp: 540769
Ion Ratio Lower Upper
93 100
95 30.2 27.2 40.8
123 9.8 10.2 15.4#





#29

2,4-Dichlorophenol

Concen: 48.659 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:162 Resp: 391264
 Ion Ratio Lower Upper
 162 100
 164 59.0 43.7 83.7
 98 33.7 18.4 58.4

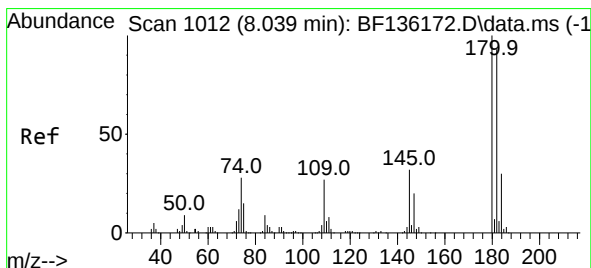
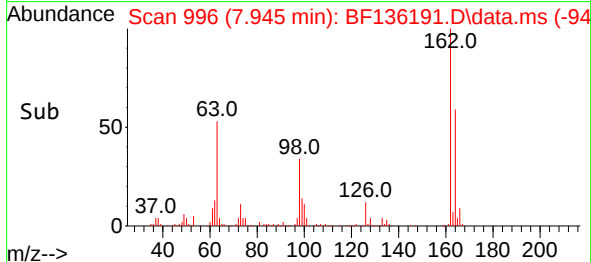
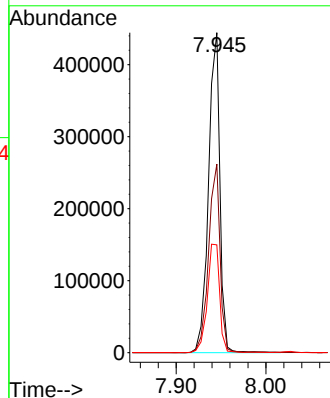
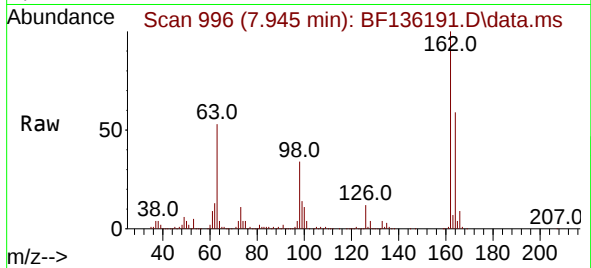
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Reviewed By :Yogesh
 Patel

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Supervised By :mohammad
 ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 49.509 ng

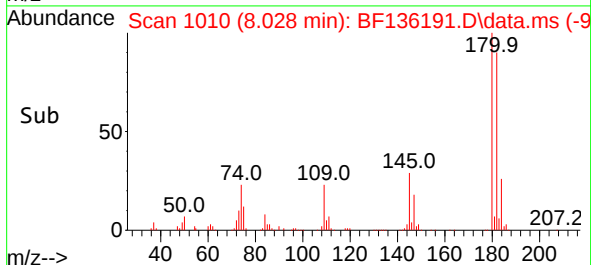
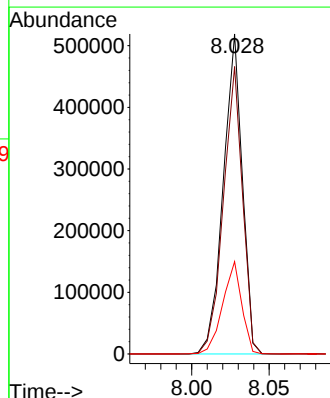
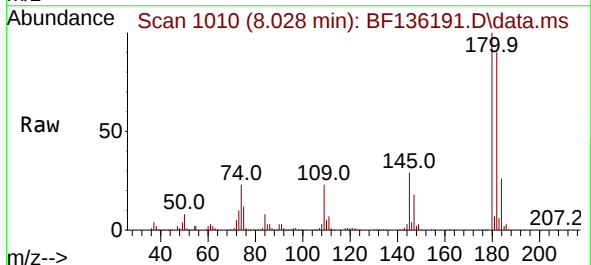
RT: 8.028 min Scan# 1010

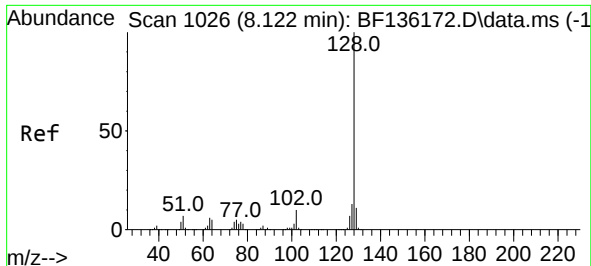
Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Tgt Ion:180 Resp: 443258
 Ion Ratio Lower Upper
 180 100
 182 89.8 74.8 112.2
 145 28.8 25.3 37.9





#31
Naphthalene
Concen: 50.143 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:128 Resp: 1434700
Ion Ratio Lower Upper
128 100
129 9.0 8.9 13.3
127 14.1 10.6 16.0

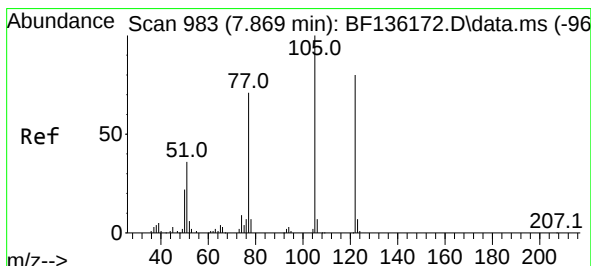
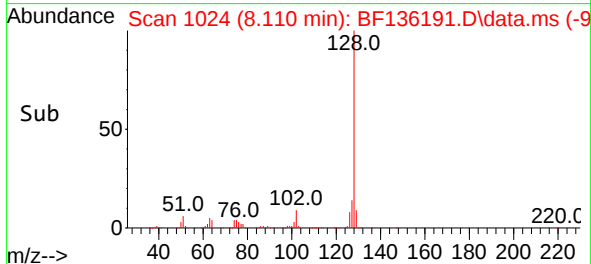
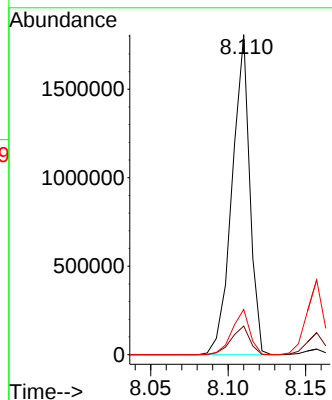
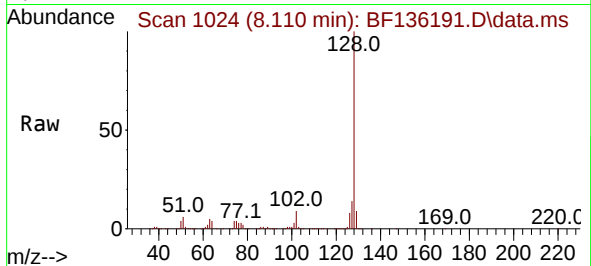
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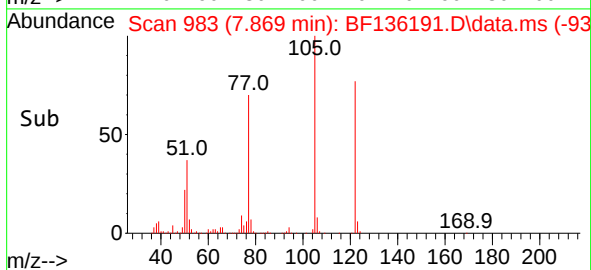
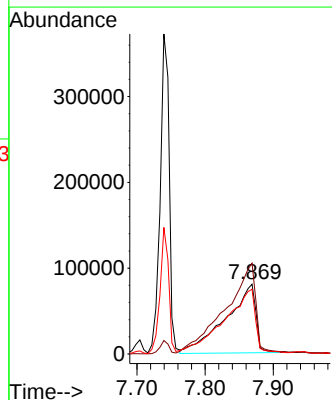
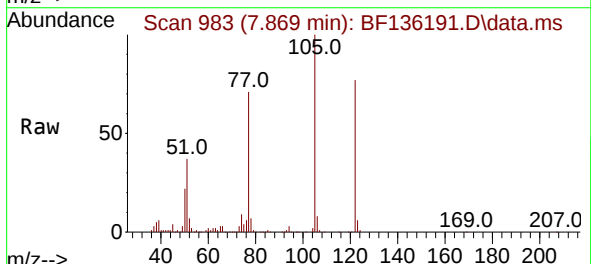
Supervised By :mohammad
ahmed

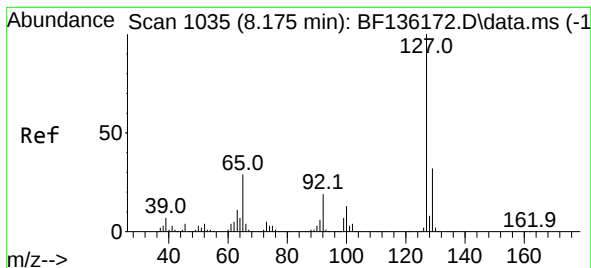
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#32
Benzoic acid
Concen: 41.046 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:122 Resp: 245182
Ion Ratio Lower Upper
122 100
105 130.1 102.5 142.5
77 92.9 68.1 108.1





#33
4-Chloroaniline
Concen: 27.590 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:127 Resp: 32743
Ion Ratio Lower Upper
127 100
129 29.5 25.7 38.5
65 29.8 23.3 34.9
92 19.3 15.4 23.2

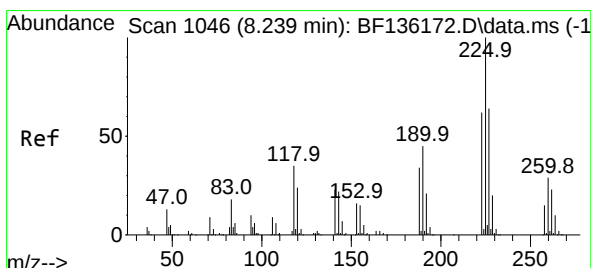
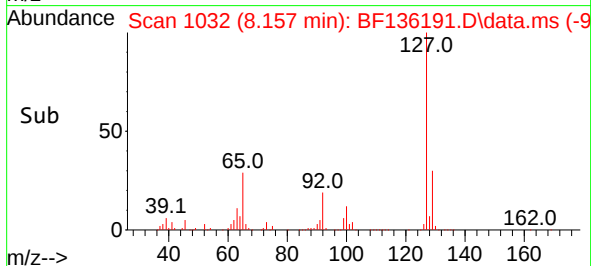
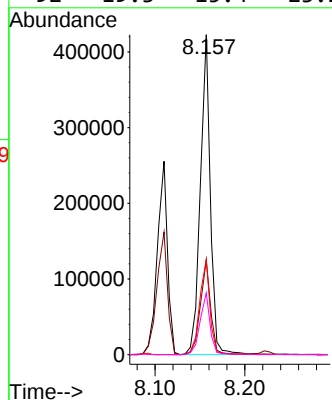
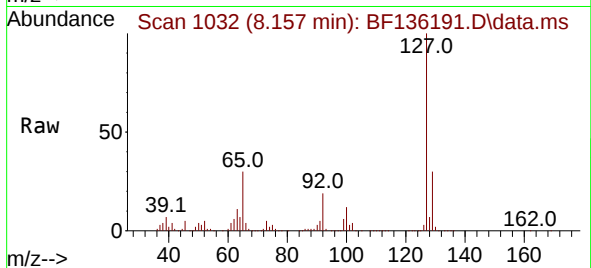
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Patel

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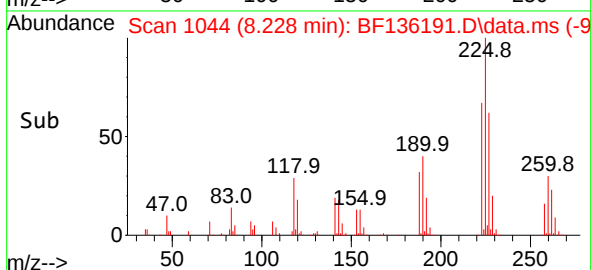
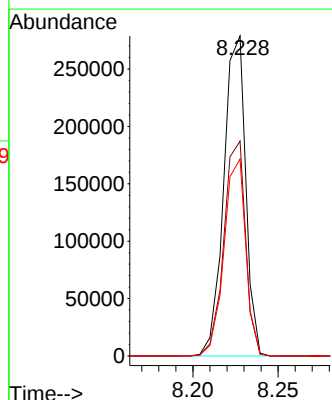
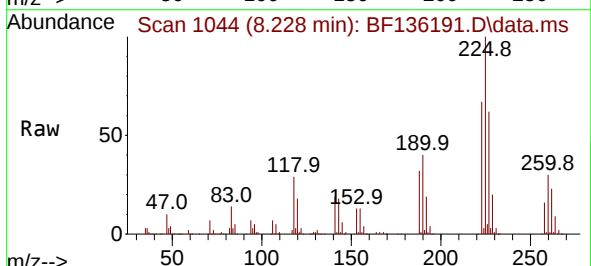
Supervised By :mohammad
ahmed

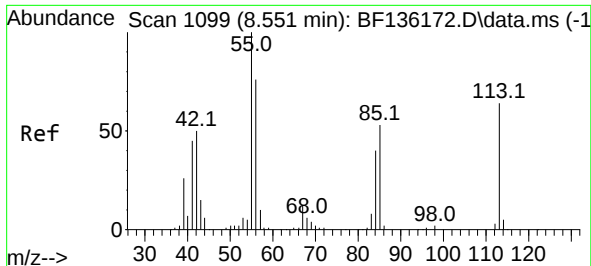
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#34
Hexachlorobutadiene
Concen: 45.779 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

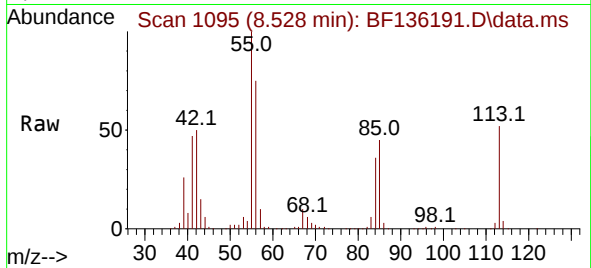
Tgt Ion:225 Resp: 249157
Ion Ratio Lower Upper
225 100
223 67.1 49.8 74.6
227 61.6 51.1 76.7





#35
Caprolactam
Concen: 48.263 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



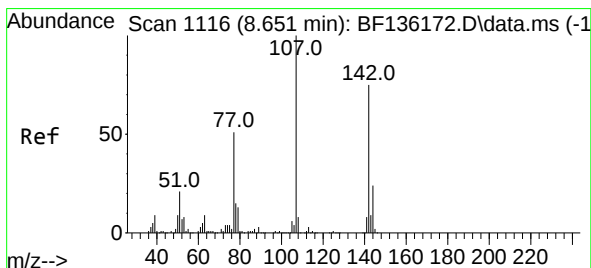
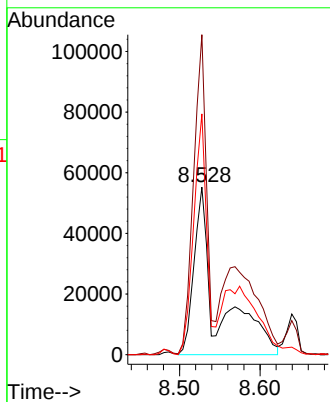
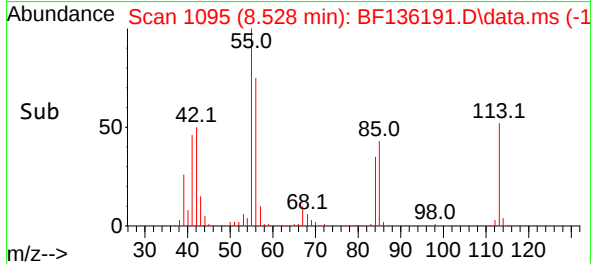
Tgt Ion:113 Resp: 11236
Ion Ratio Lower Upper
113 100
55 191.0 137.2 177.2
56 143.7 99.8 139.8

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Patel

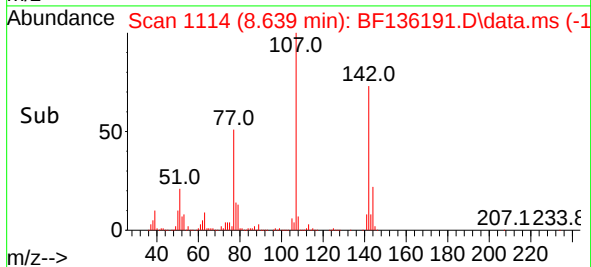
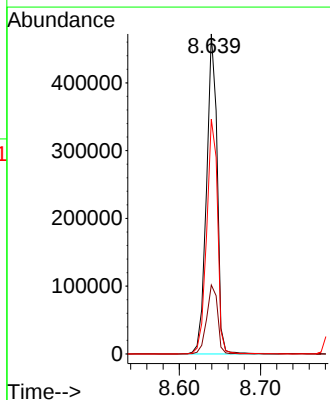
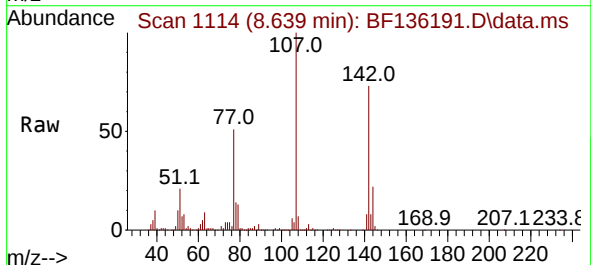
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Supervised By :mohammad
ahmed

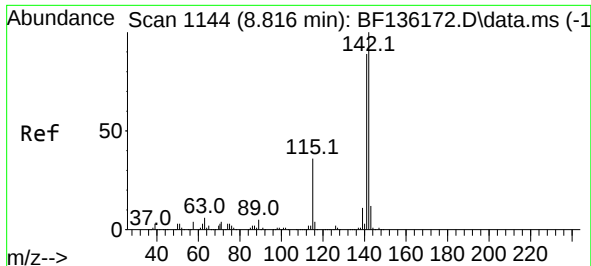
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#36
4-Chloro-3-methylphenol
Concen: 50.547 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

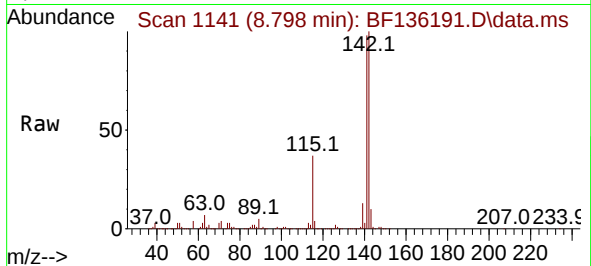
Tgt Ion:107 Resp: 426732
Ion Ratio Lower Upper
107 100
144 21.5 19.4 29.0
142 73.3 59.9 89.9





#37
2-Methylnaphthalene
Concen: 46.742 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
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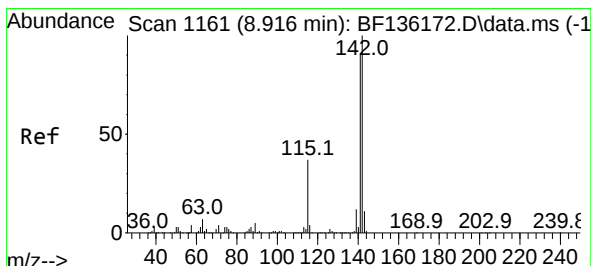
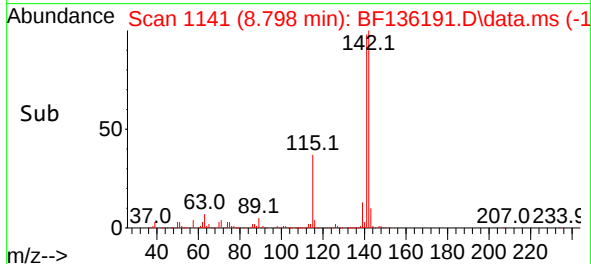
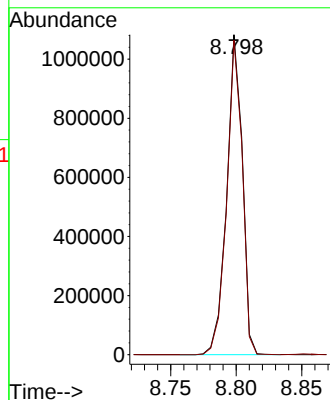
Tgt Ion:142 Resp: 896710
Ion Ratio Lower Upper
142 100
141 98.3 71.4 107.0

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Patel

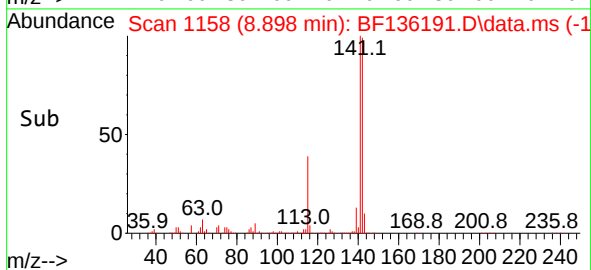
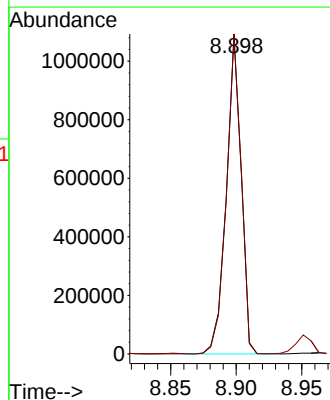
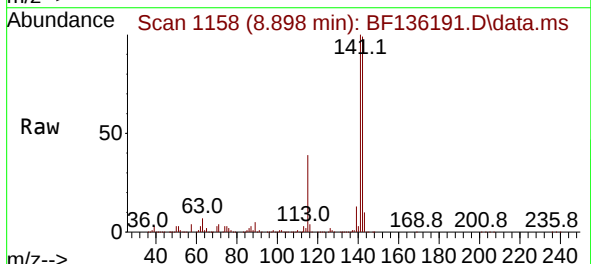
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Supervised By :mohammad
ahmed

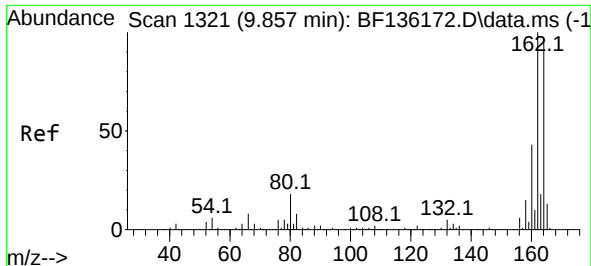
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#38
1-Methylnaphthalene
Concen: 47.987 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

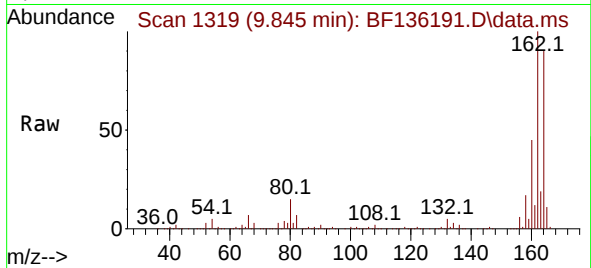
Tgt Ion:142 Resp: 854125
Ion Ratio Lower Upper
142 100
141 100.6 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



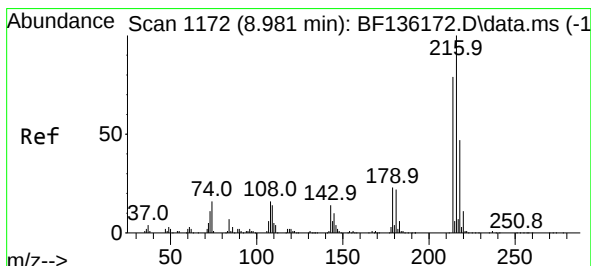
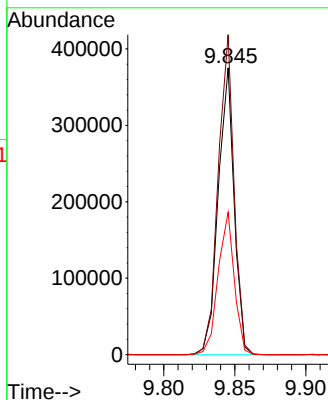
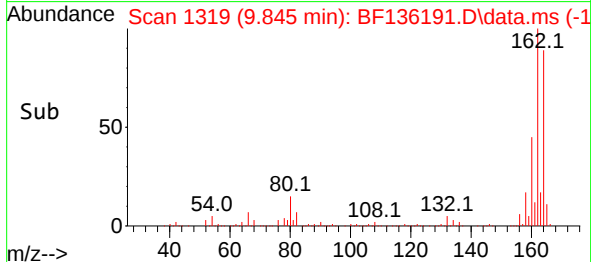
Tgt Ion:164 Resp: 292574
Ion Ratio Lower Upper
164 100
162 111.6 83.2 124.8
160 49.7 35.8 53.8

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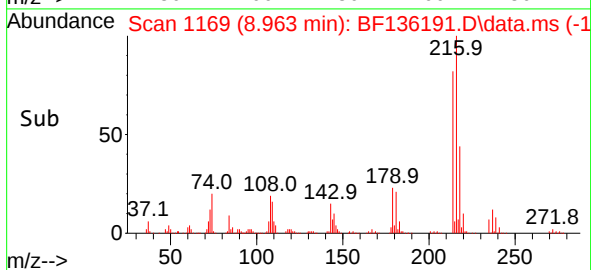
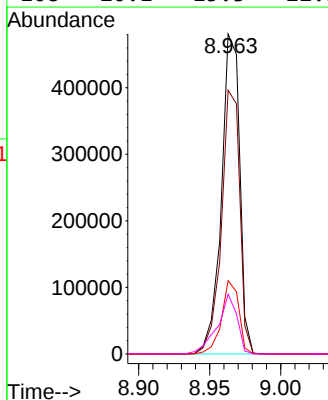
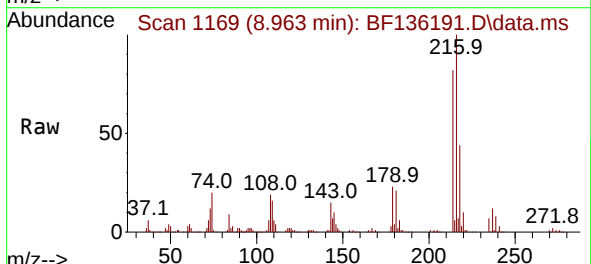
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Supervised By :mohammad
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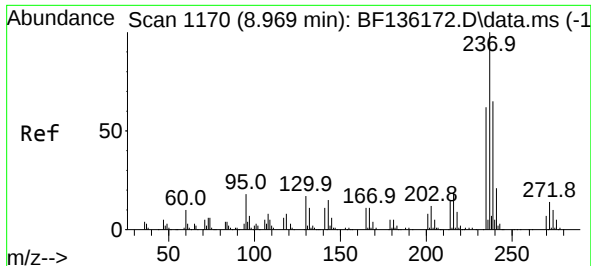
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.080 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

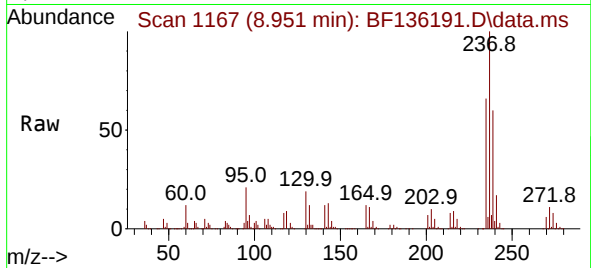
Tgt Ion:216 Resp: 430358
Ion Ratio Lower Upper
216 100
214 82.5 63.8 95.8
179 21.7 18.0 27.0
108 20.1 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 107.675 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



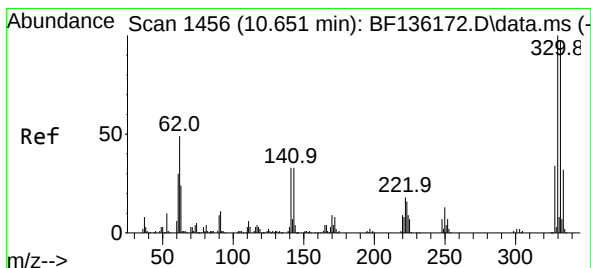
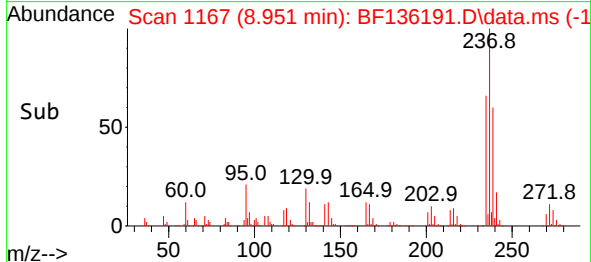
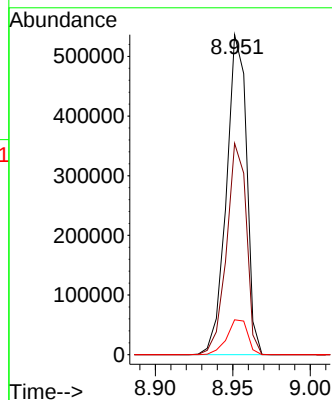
Tgt Ion:237 Resp: 486872
Ion Ratio Lower Upper
237 100
235 66.1 42.3 82.3
272 10.9 0.0 33.8

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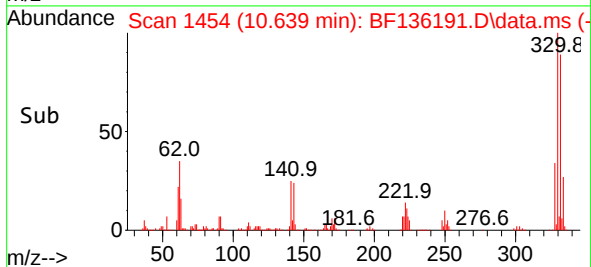
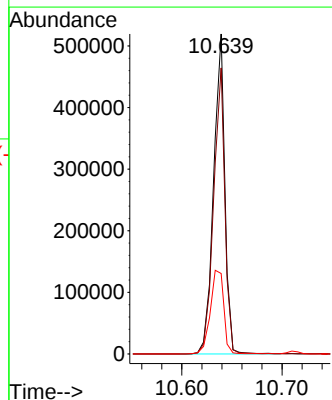
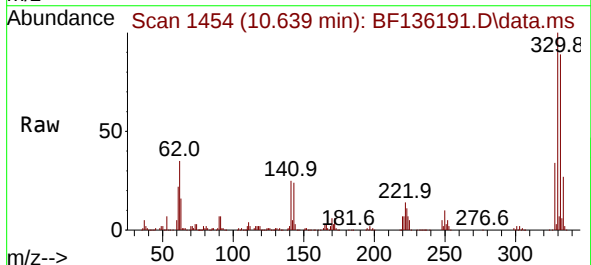
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Supervised By :mohammad
ahmed

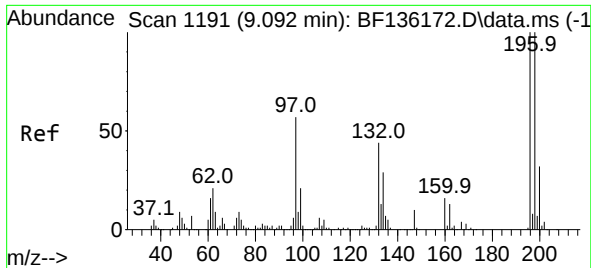
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#42
2,4,6-Tribromophenol
Concen: 132.675 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:330 Resp: 406550
Ion Ratio Lower Upper
330 100
332 89.8 77.6 116.4
141 31.2 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 50.651 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:196 Resp: 27810

Ion Ratio Lower Upper

196 100

198 96.6 80.2 120.4

200 28.9 25.5 38.3

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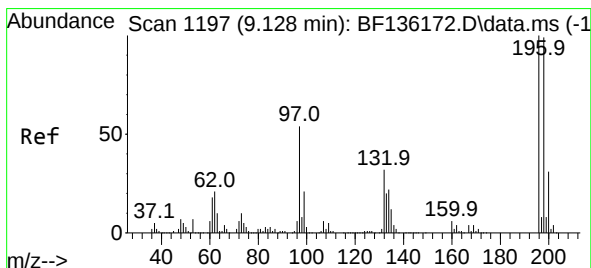
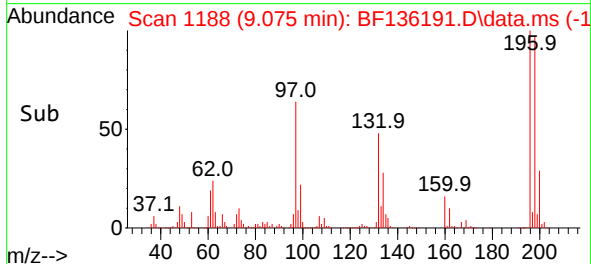
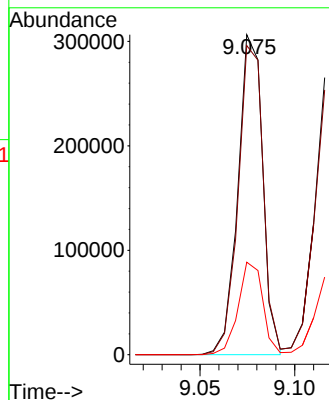
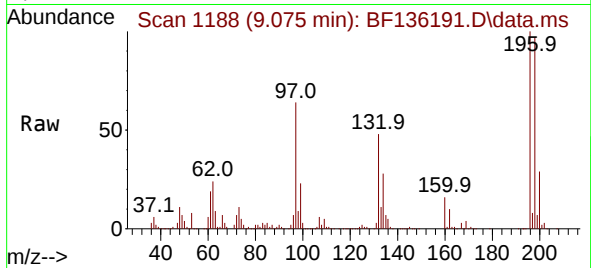
Reviewed By :Yogesh

Patel

11/25/2023

Supervised By :mohammad
ahmed

11/27/2023



#44

2,4,5-Trichlorophenol

Concen: 47.097 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Tgt Ion:196 Resp: 297892

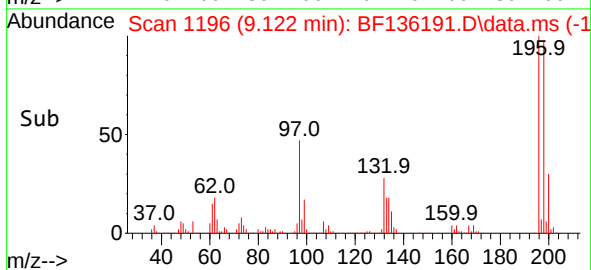
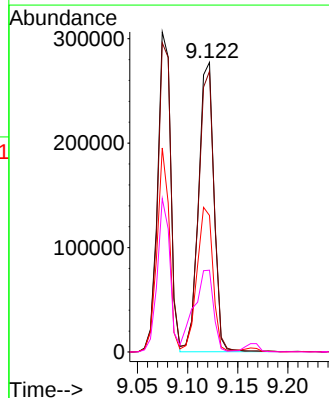
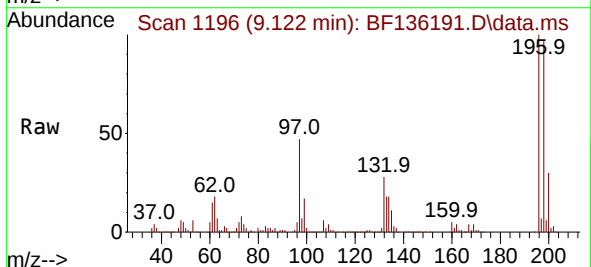
Ion Ratio Lower Upper

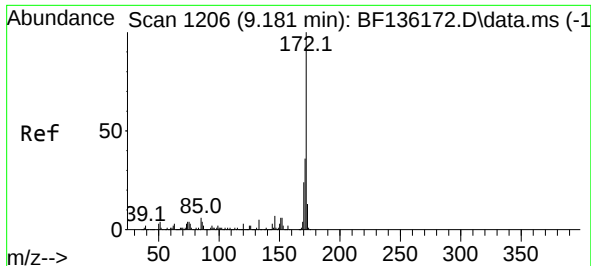
196 100

198 96.9 78.9 118.3

97 47.2 43.6 65.4

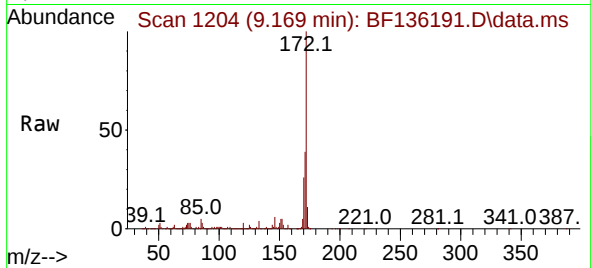
132 28.2 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 83.015 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



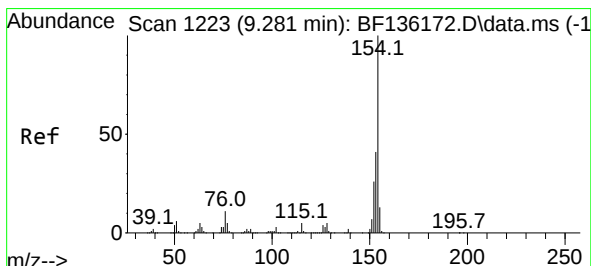
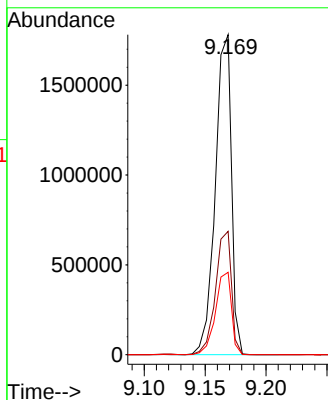
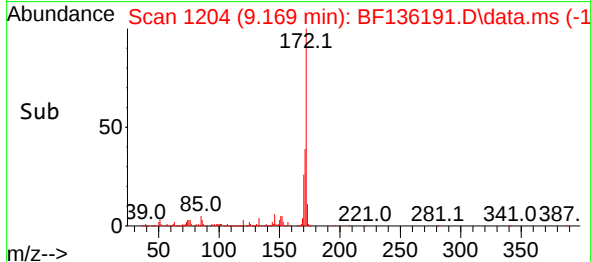
Tgt Ion:172 Resp: 164308
Ion Ratio Lower Upper
172 100
171 38.6 28.9 43.3
170 25.7 19.1 28.7

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Reviewed By :Yogesh
Patel

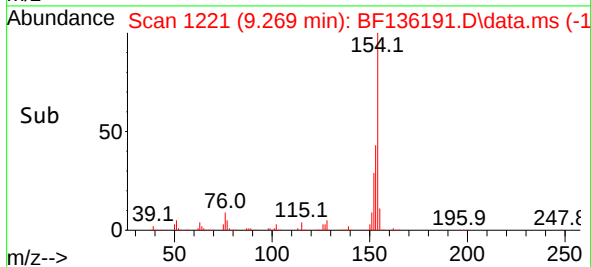
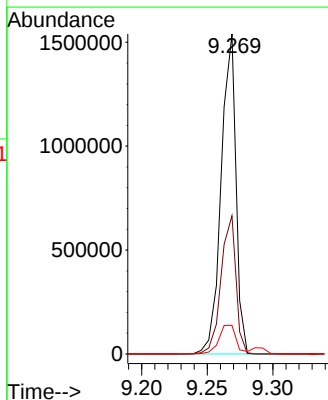
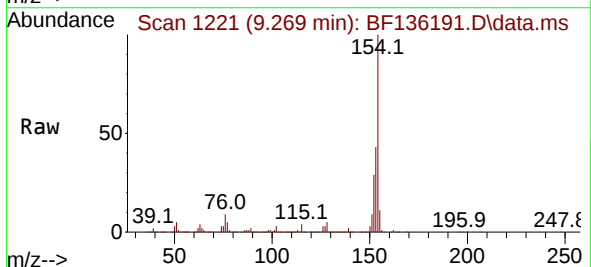
11/25/2023
Supervised By :mohammad
ahmed

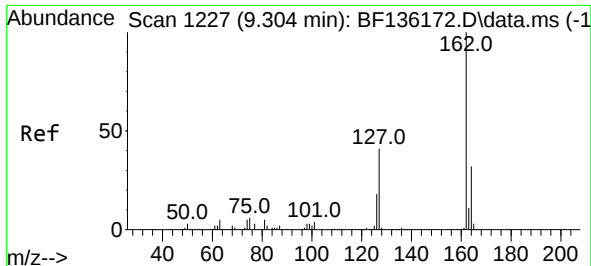
11/27/2023



#46
1,1'-Biphenyl
Concen: 52.419 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

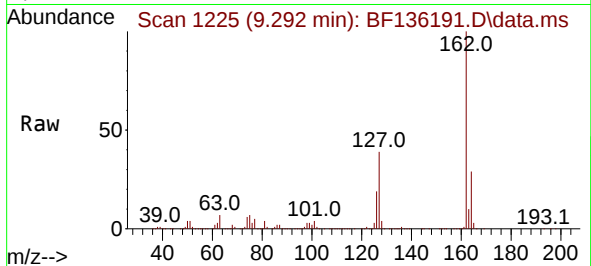
Tgt Ion:154 Resp: 1203422
Ion Ratio Lower Upper
154 100
153 43.2 21.1 61.1
76 9.0 0.0 31.2





#47
2-Chloronaphthalene
Concen: 54.006 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



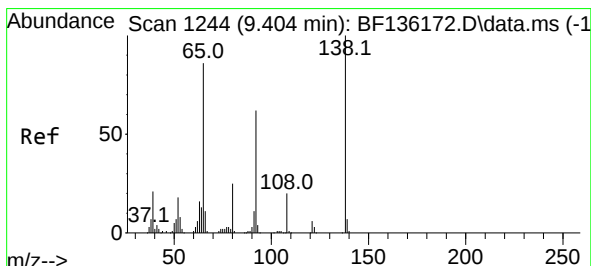
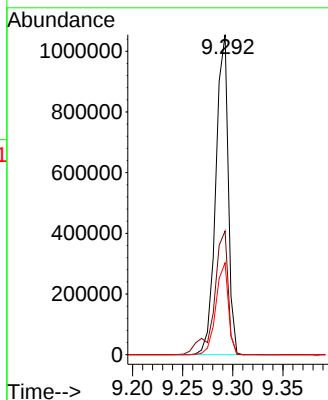
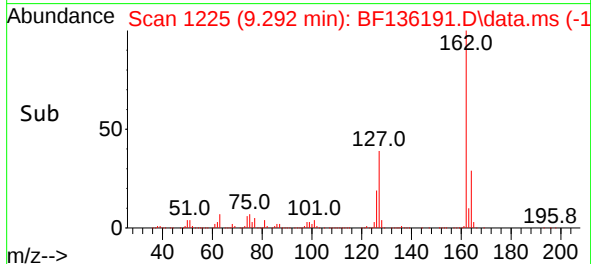
Tgt Ion:162 Resp: 906250
Ion Ratio Lower Upper
162 100
127 38.7 34.2 51.4
164 28.7 25.6 38.4

Manual Integrations
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Reviewed By :Yogesh
Patel

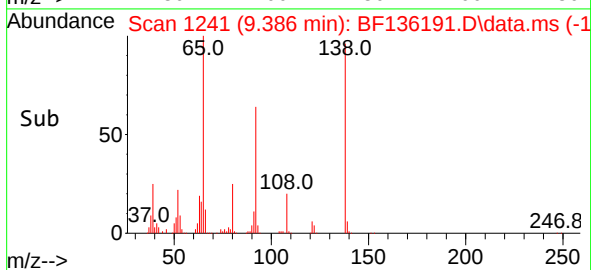
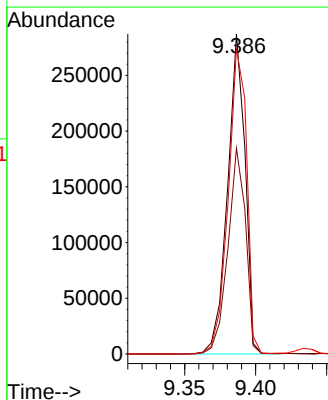
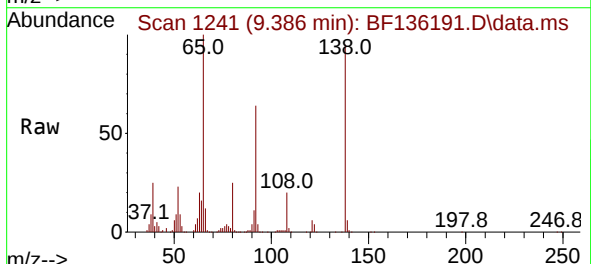
11/25/2023
Supervised By :mohammad
ahmed

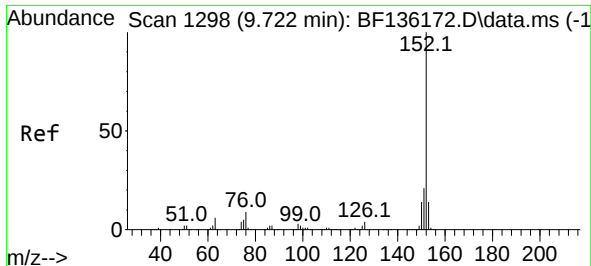
11/27/2023



#48
2-Nitroaniline
Concen: 47.951 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion: 65 Resp: 245333
Ion Ratio Lower Upper
65 100
92 64.3 57.5 86.3
138 95.4 93.4 140.2





#49

Acenaphthylene

Concen: 55.810 ng

RT: 9.704 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:152 Resp: 144559

Ion Ratio Lower Upper

152 100

151 21.9 16.4 24.6

153 11.8 11.1 16.7

Manual Integrations

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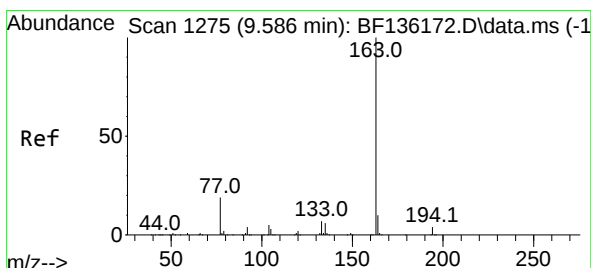
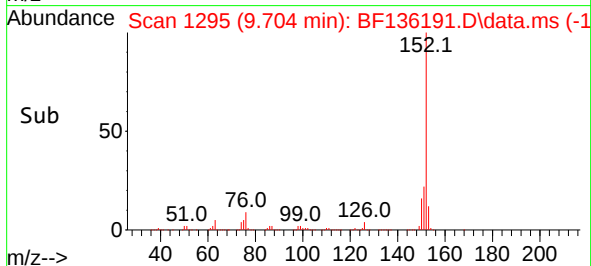
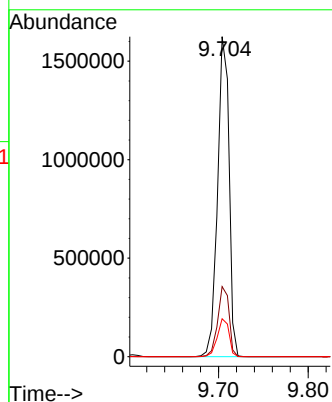
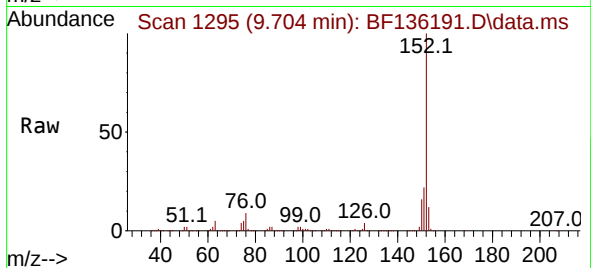
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

11/27/2023



#50

Dimethylphthalate

Concen: 52.220 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

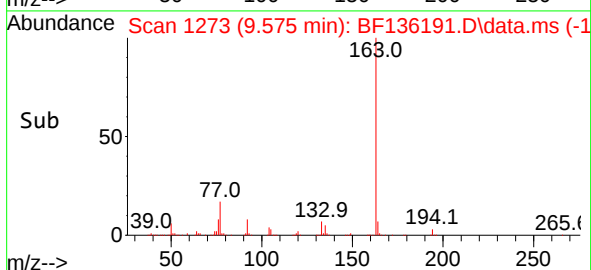
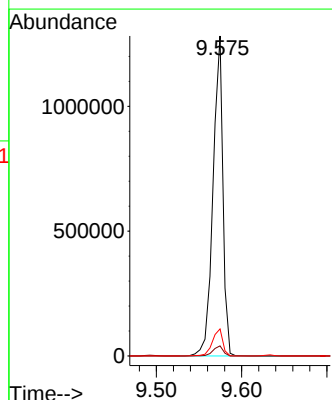
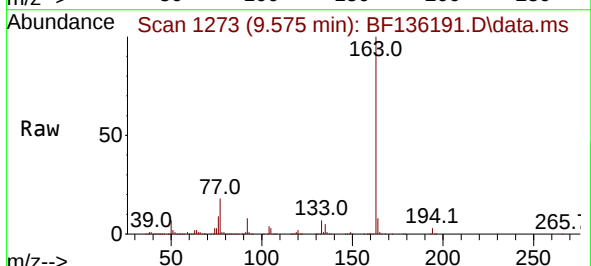
Tgt Ion:163 Resp: 1032273

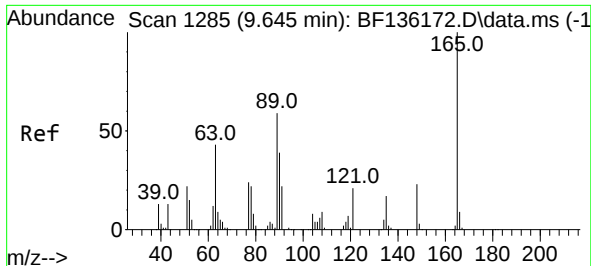
Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

164 8.4 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 45.001 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS

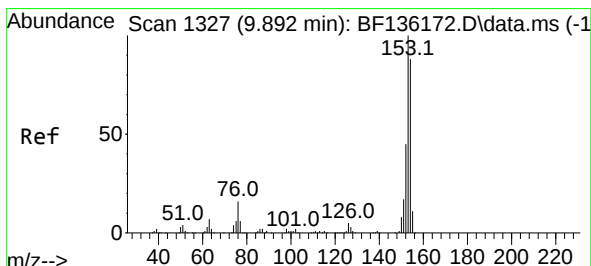
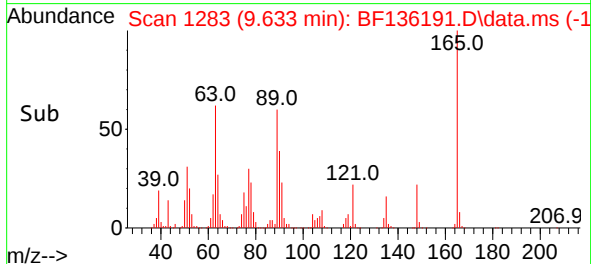
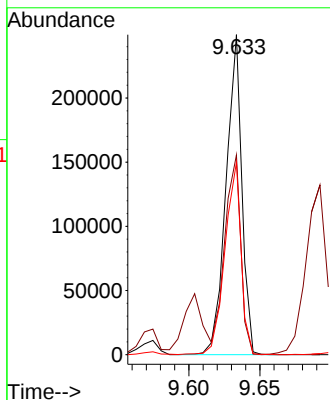
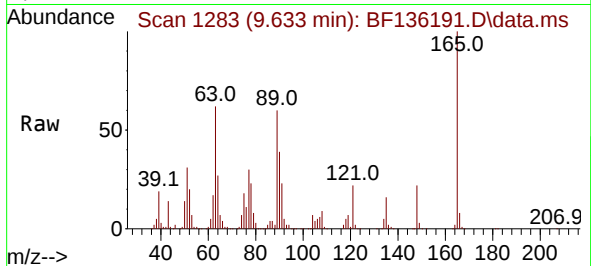
Tgt Ion:165 Resp: 19303
Ion Ratio Lower Upper
165 100
63 62.4 48.0 72.0
89 60.1 47.2 70.8

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Reviewed By :Yogesh
Patel

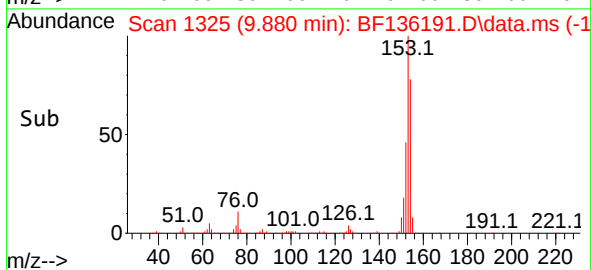
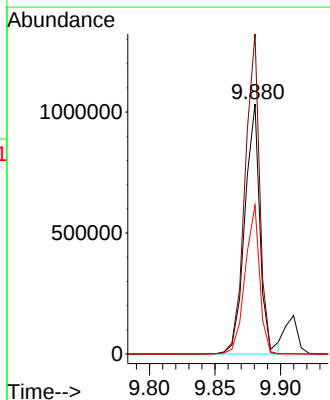
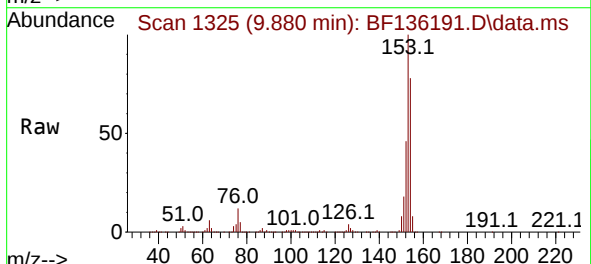
11/25/2023
Supervised By :mohammad
ahmed

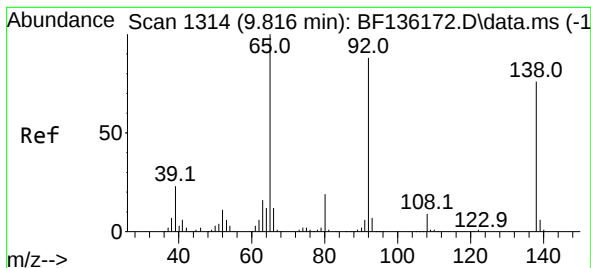
11/27/2023



#52
Acenaphthene
Concen: 48.461 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:154 Resp: 836059
Ion Ratio Lower Upper
154 100
153 128.0 90.4 135.6
152 59.4 41.1 61.7





#53

3-Nitroaniline

Concen: 34.011 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:138 Resp: 155550

Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	121.9	92.2	138.2

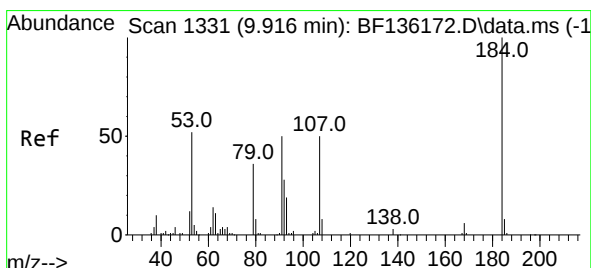
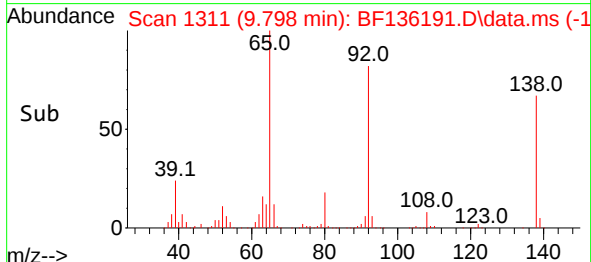
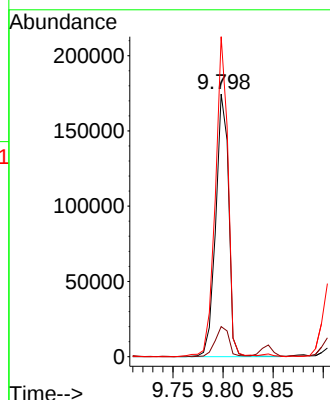
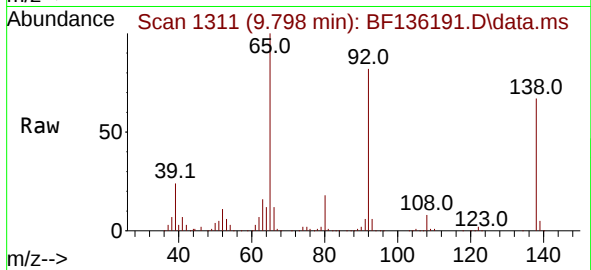
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

11/25/2023

Supervised By :mohammad
ahmed

11/27/2023



#54

2,4-Dinitrophenol

Concen: 87.379 ng

RT: 9.910 min Scan# 1330

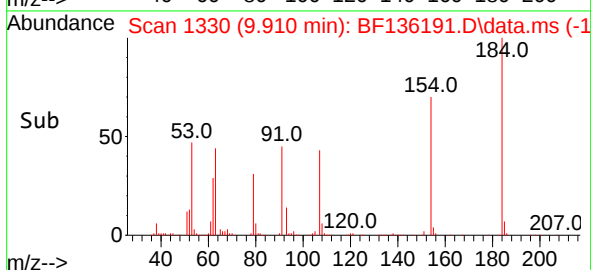
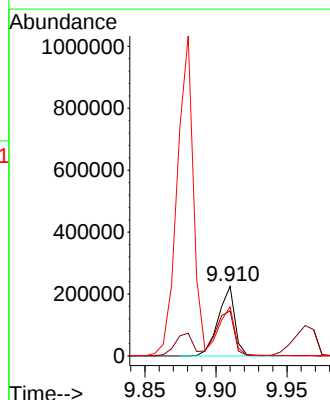
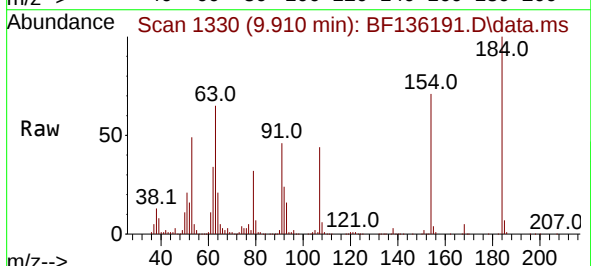
Delta R.T. 0.006 min

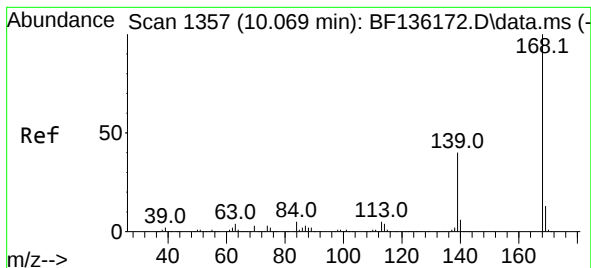
Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Tgt Ion:184 Resp: 183894

Ion	Ratio	Lower	Upper
184	100		
63	64.9	59.1	88.7
154	70.5	58.2	87.2





#55

Dibenzofuran

Concen: 53.094 ng

RT: 10.051 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:168 Resp: 127354

Ion Ratio Lower Upper

168 100

139 40.1 31.9 47.9

169 11.6 10.6 16.0

Manual Integrations

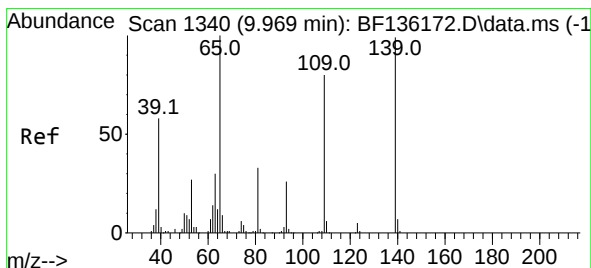
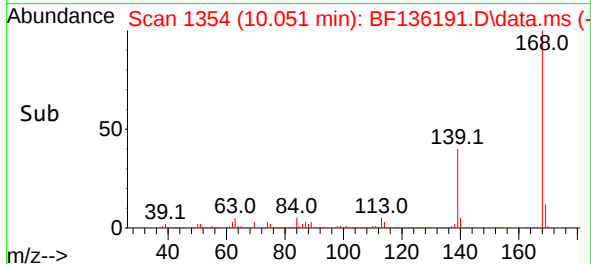
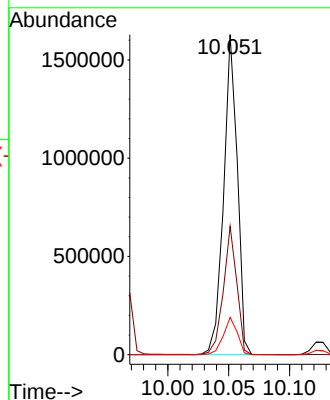
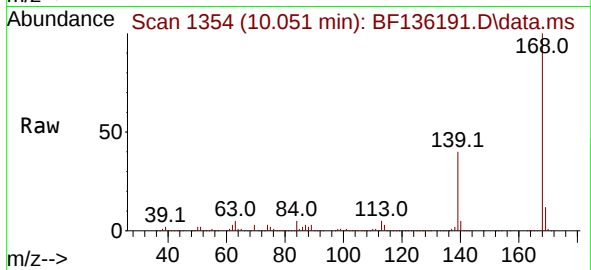
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Reviewed By :Yogesh
Patel

11/25/2023

Supervised By :mohammad
ahmed

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#56

4-Nitrophenol

Concen: 110.039 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

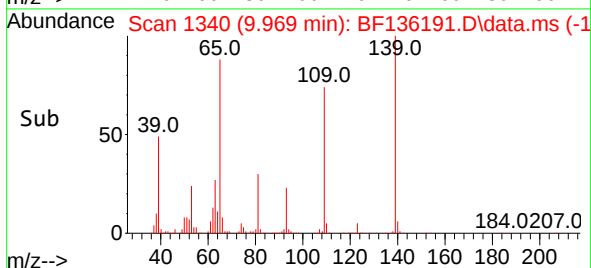
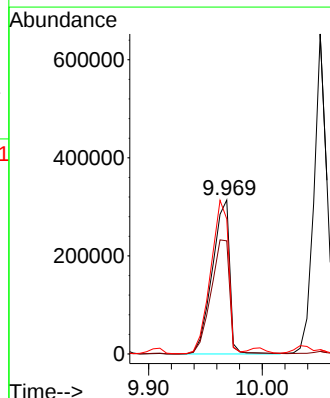
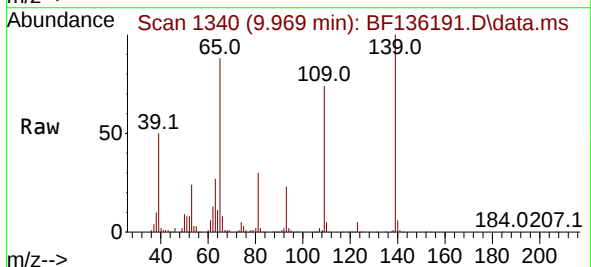
Tgt Ion:139 Resp: 334427

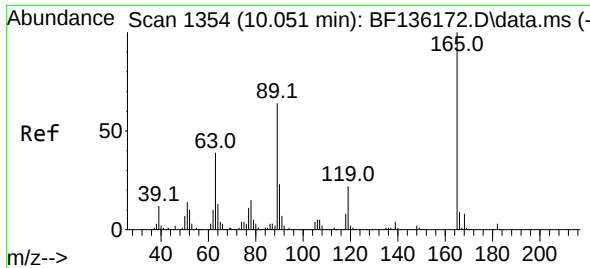
Ion Ratio Lower Upper

139 100

109 73.5 60.9 100.9

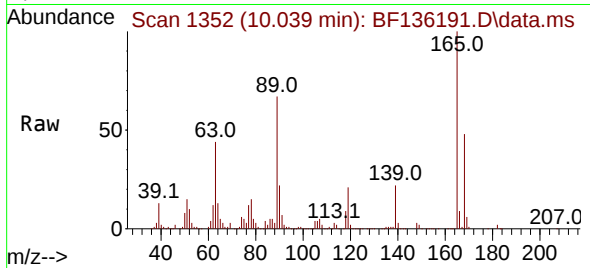
65 87.7 81.6 121.6





#57
2,4-Dinitrotoluene
Concen: 50.114 ng
RT: 10.039 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



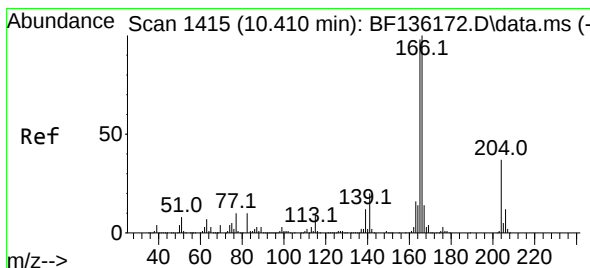
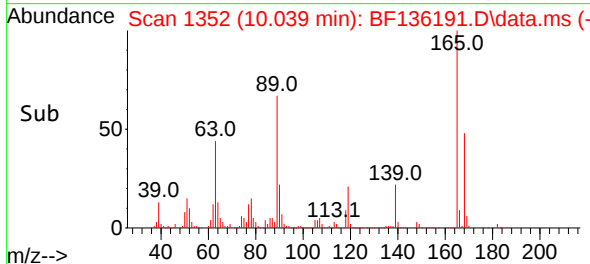
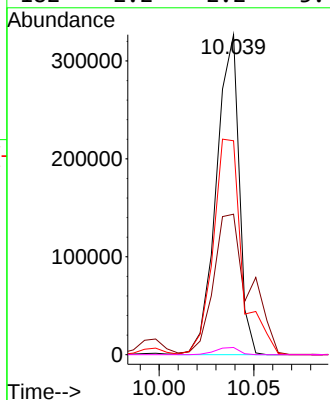
Tgt Ion:165 Resp: 273018
Ion Ratio Lower Upper
165 100
63 43.9 31.4 47.0
89 66.8 51.6 77.4
182 2.2 2.2 3.4

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Reviewed By :Yogesh
Patel

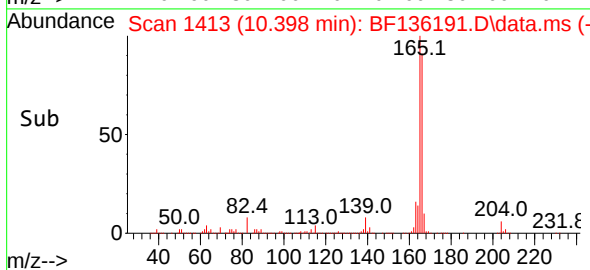
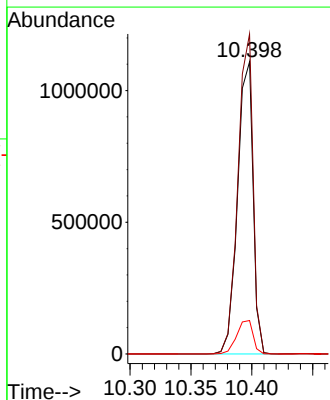
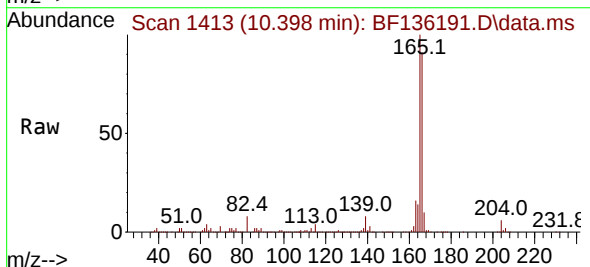
11/25/2023
Supervised By :mohammad
ahmed

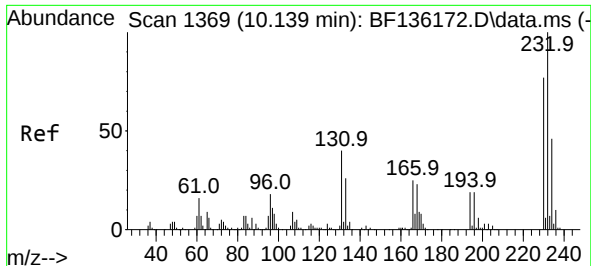
11/27/2023



#58
Fluorene
Concen: 54.024 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

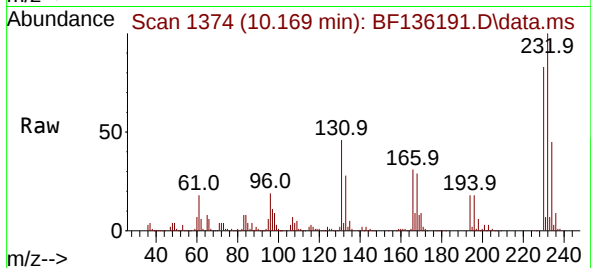
Tgt Ion:166 Resp: 983516
Ion Ratio Lower Upper
166 100
165 109.6 78.8 118.2
167 11.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.734 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



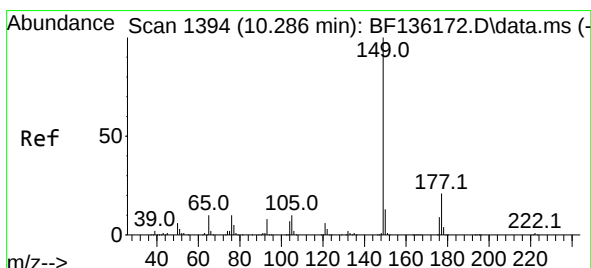
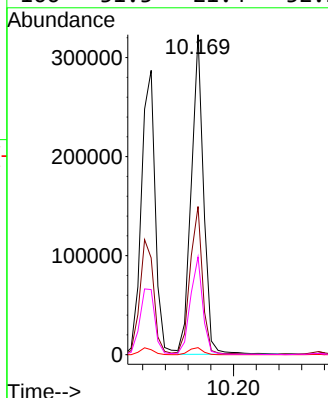
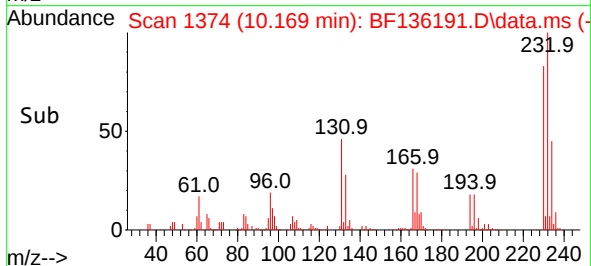
Tgt Ion:232 Resp: 24321
Ion Ratio Lower Upper
232 100
131 47.3 34.6 52.0
130 2.5 1.9 2.9
166 31.3 21.4 32.2

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

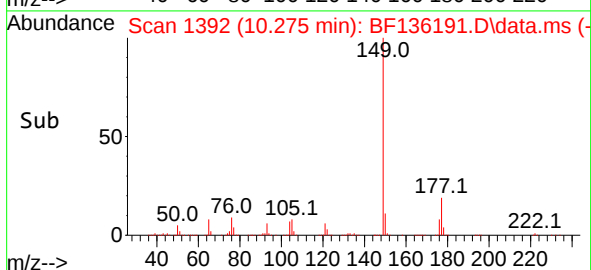
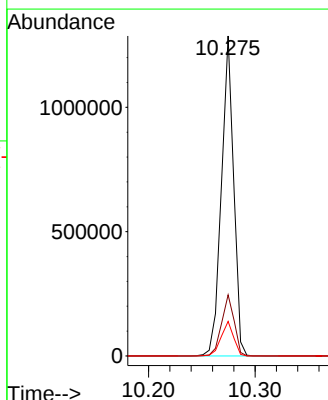
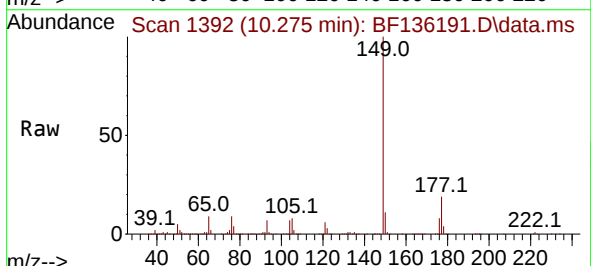
11/25/2023
Supervised By :mohammad
ahmed

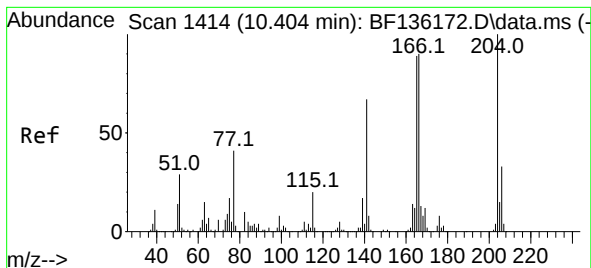
11/27/2023



#60
Diethylphthalate
Concen: 51.624 ng
RT: 10.275 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

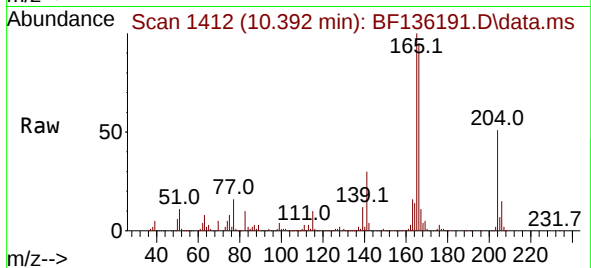
Tgt Ion:149 Resp: 1023785
Ion Ratio Lower Upper
149 100
177 19.1 17.2 25.8
150 10.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 49.979 ng
RT: 10.392 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



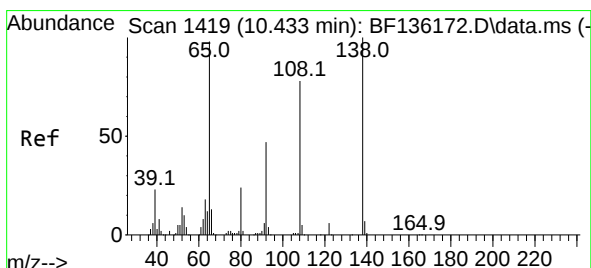
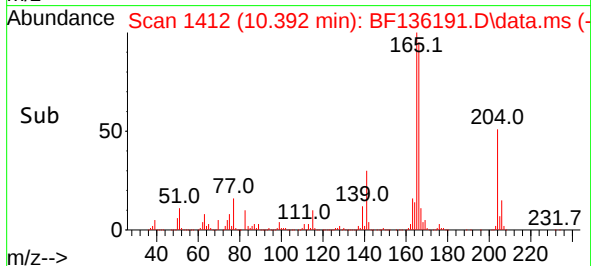
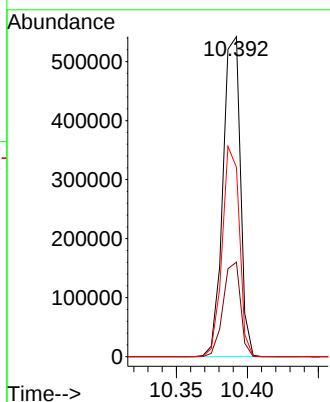
Tgt Ion:204 Resp: 46253
Ion Ratio Lower Upper
204 100
206 29.6 26.1 39.1
141 59.2 53.9 80.9

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Reviewed By :Yogesh
Patel

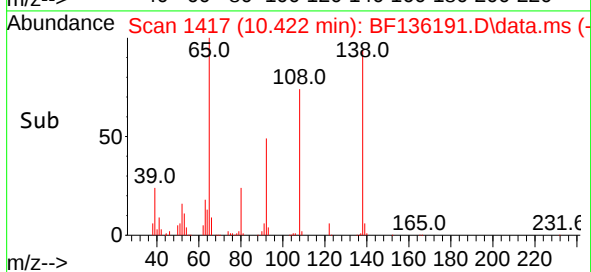
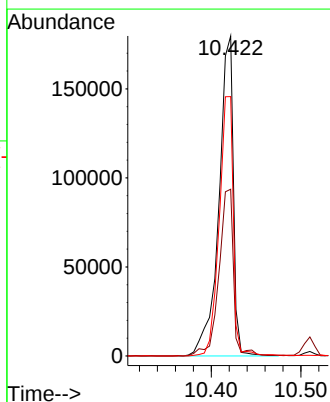
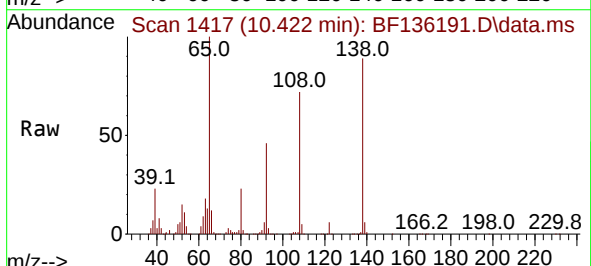
11/25/2023
Supervised By :mohammad
ahmed

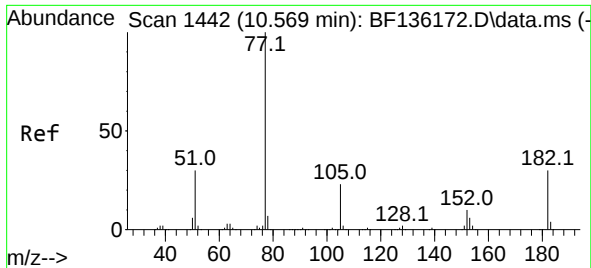
11/27/2023



#62
4-Nitroaniline
Concen: 48.309 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

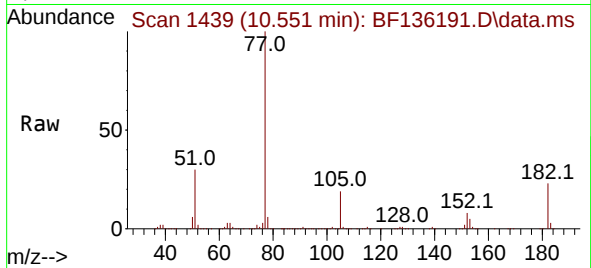
Tgt Ion:138 Resp: 201360
Ion Ratio Lower Upper
138 100
92 52.1 26.6 66.6
108 81.1 58.0 98.0





#63
Azobenzene
Concen: 55.181 ng
RT: 10.551 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



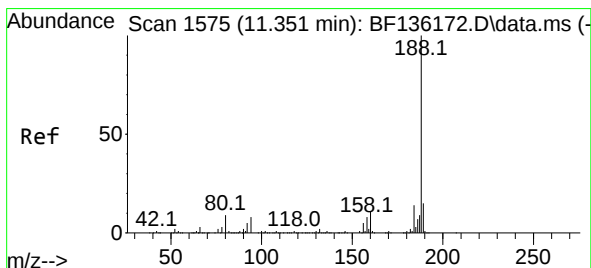
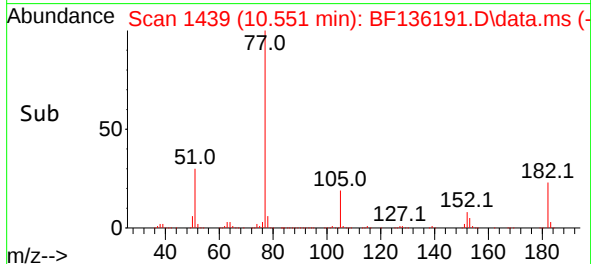
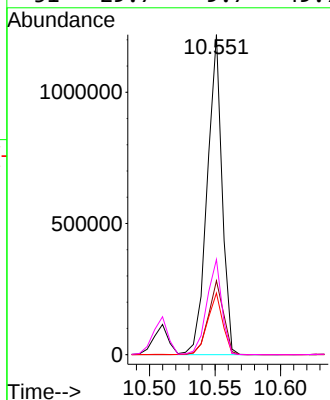
Tgt Ion: 77 Resp: 957480
Ion Ratio Lower Upper
77 100
182 23.1 10.3 50.3
105 19.3 2.6 42.6
51 29.7 9.7 49.7

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Reviewed By :Yogesh
Patel

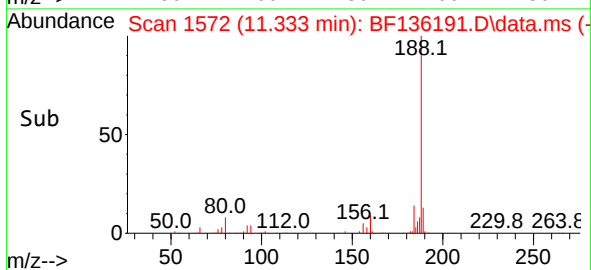
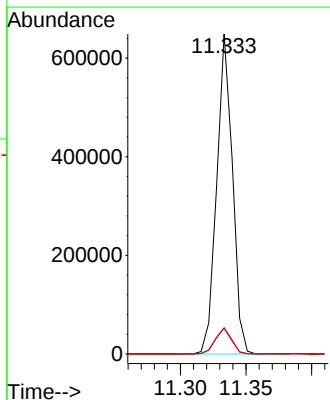
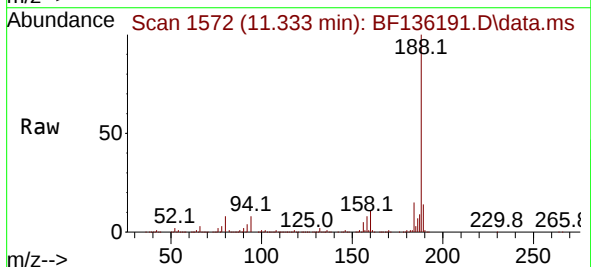
11/25/2023
Supervised By :mohammad
ahmed

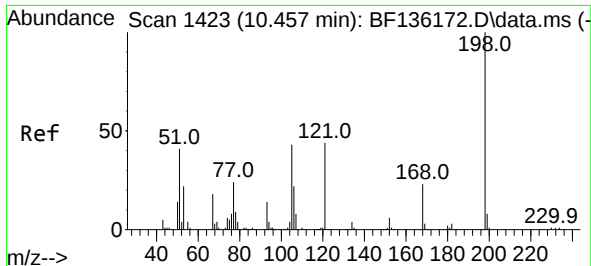
11/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:188 Resp: 541105
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 8.2 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 38.815 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS

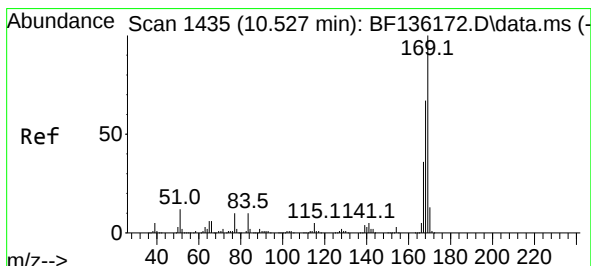
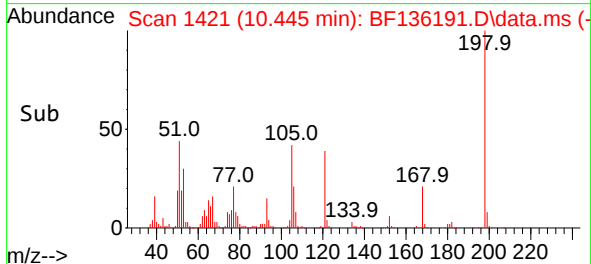
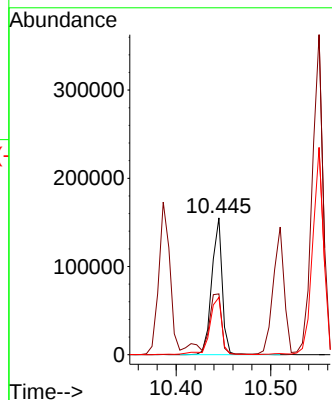
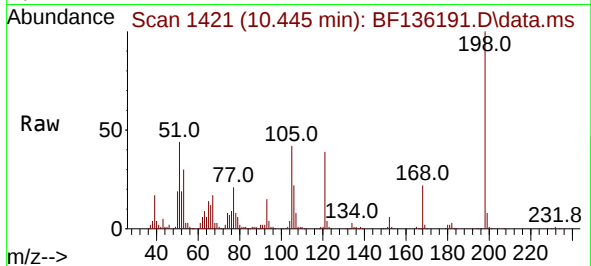
Tgt Ion:198 Resp: 117780
Ion Ratio Lower Upper
198 100
51 44.5 27.3 67.3
105 41.8 24.2 64.2

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Reviewed By :Yogesh
Patel

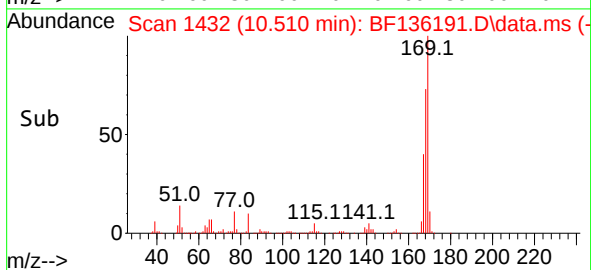
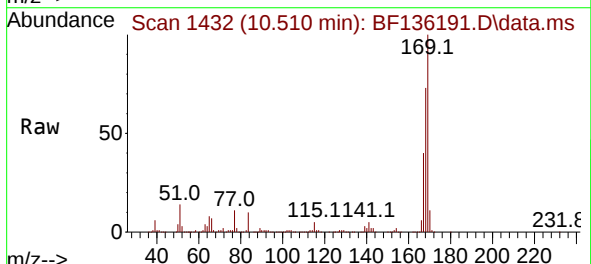
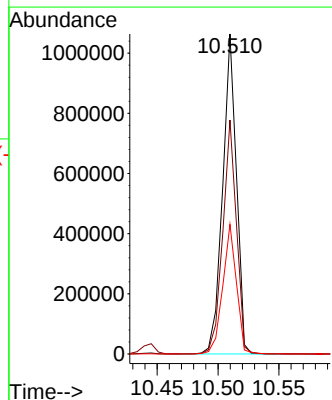
11/25/2023
Supervised By :mohammad
ahmed

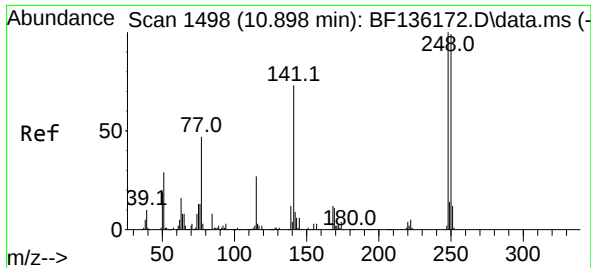
11/27/2023



#66
n-Nitrosodiphenylamine
Concen: 48.925 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

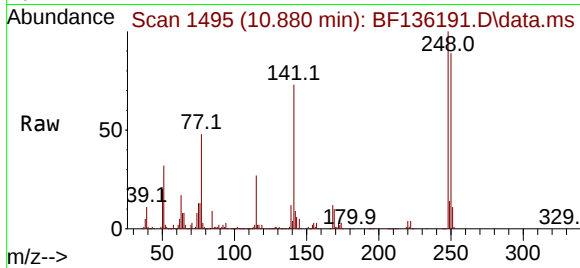
Tgt Ion:169 Resp: 839897
Ion Ratio Lower Upper
169 100
168 73.1 53.9 80.9
167 40.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 47.867 ng
RT: 10.880 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



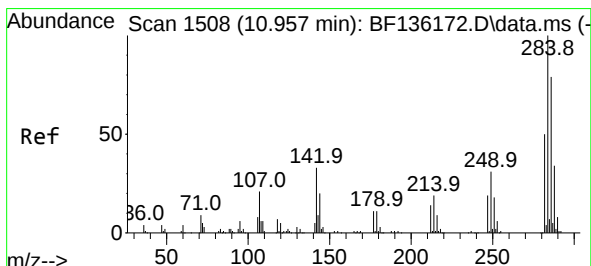
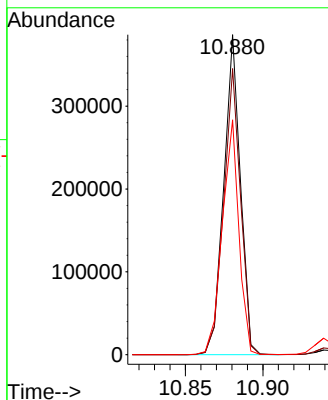
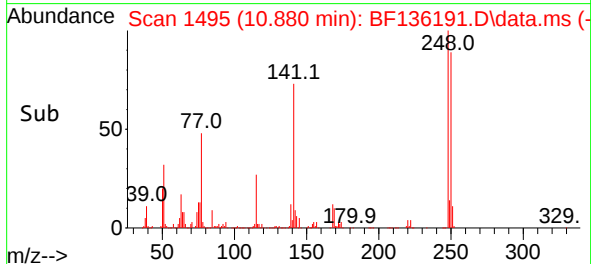
Tgt Ion:248 Resp: 288469
Ion Ratio Lower Upper
248 100
250 89.4 79.0 118.4
141 73.4 58.8 88.2

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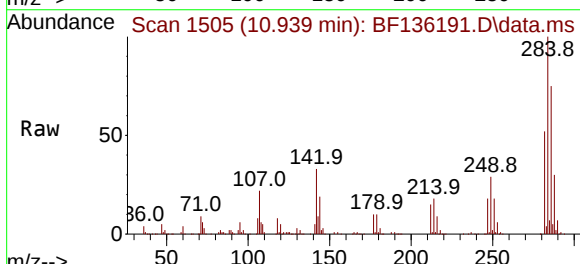
Reviewed By :Yogesh
Patel

11/25/2023
Supervised By :mohammad
ahmed

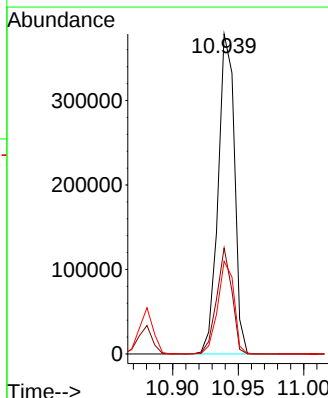
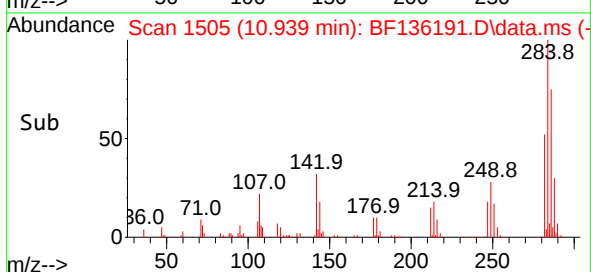
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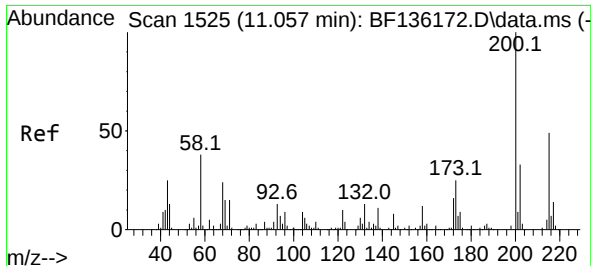


#68
Hexachlorobenzene
Concen: 51.050 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20



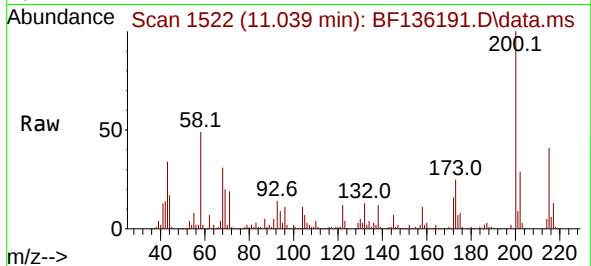
Tgt Ion:284 Resp: 326622
Ion Ratio Lower Upper
284 100
142 33.1 26.6 39.8
249 28.9 24.6 37.0





#69
Atrazine
Concen: 61.827 ng
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



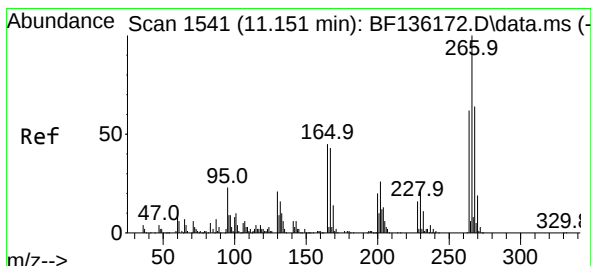
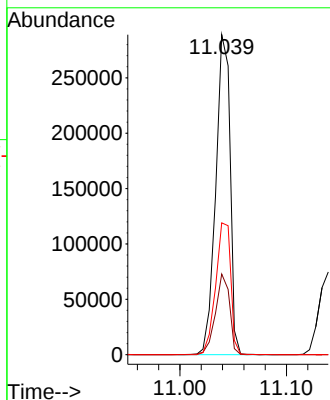
Tgt Ion:200 Resp: 268880
Ion Ratio Lower Upper
200 100
173 25.2 4.9 44.9
215 41.2 28.9 68.9

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Patel

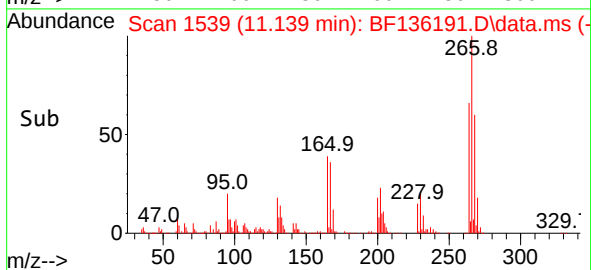
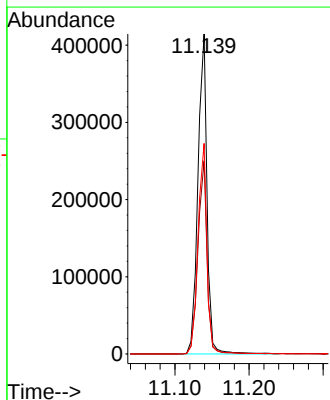
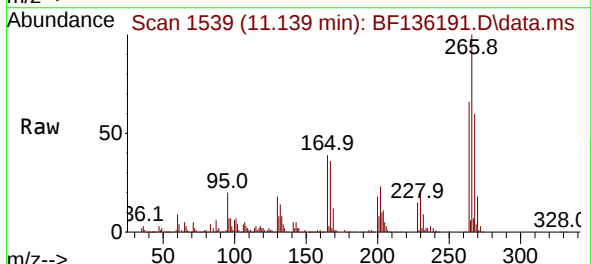
11/25/2023
Supervised By :mohammad
ahmed

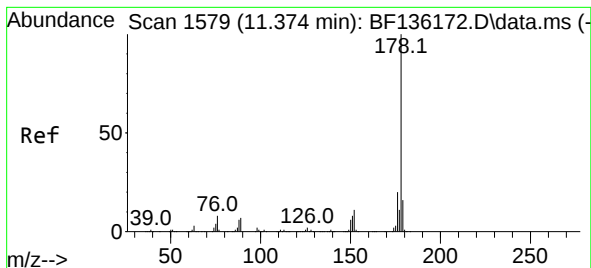
11/27/2023



#70
Pentachlorophenol
Concen: 98.193 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:266 Resp: 351374
Ion Ratio Lower Upper
266 100
268 60.4 50.8 76.2
264 65.8 50.0 75.0





#71

Phenanthrene

Concen: 52.459 ng m

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:178 Resp: 1453600

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 12.6 12.7 19.1

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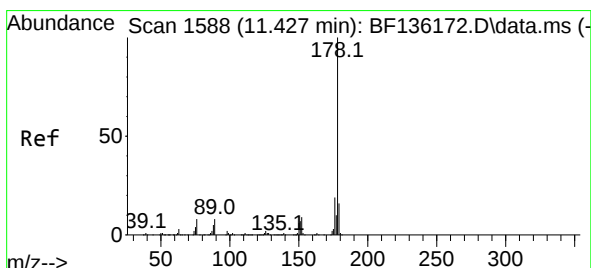
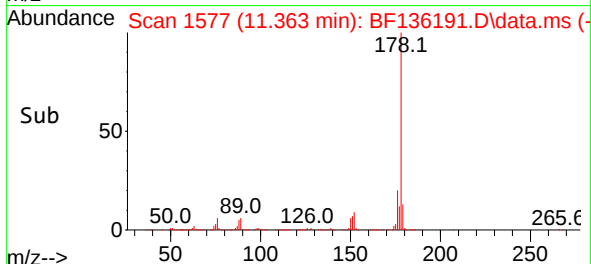
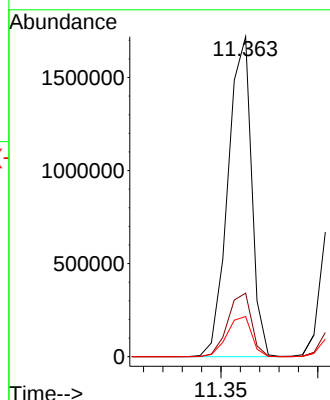
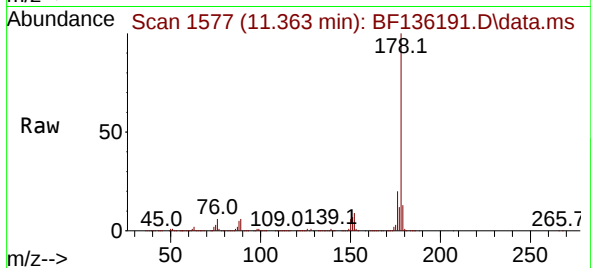
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#72

Anthracene

Concen: 52.215 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

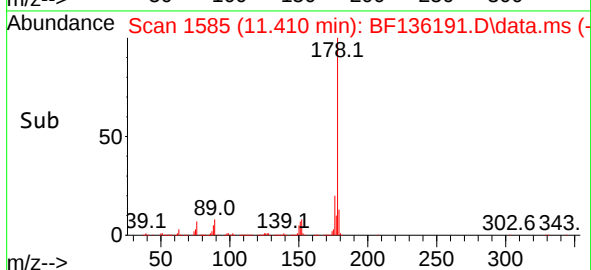
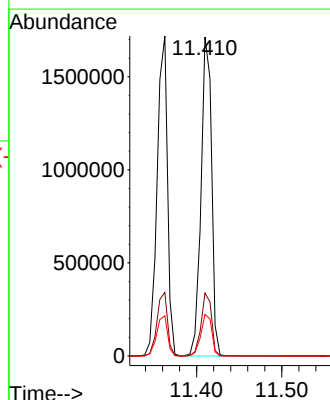
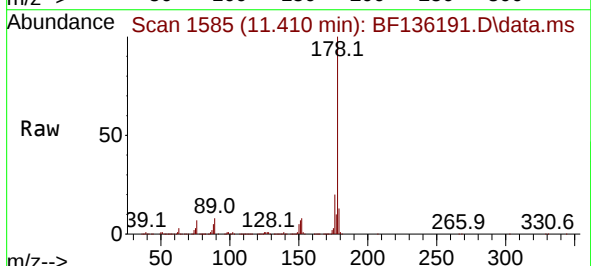
Tgt Ion:178 Resp: 1476874

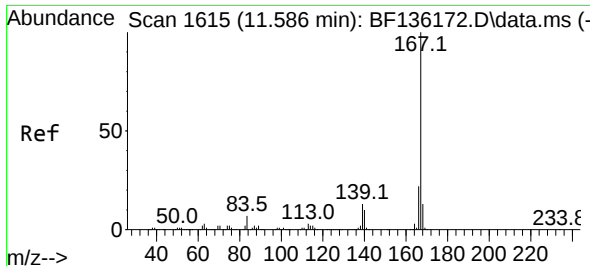
Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

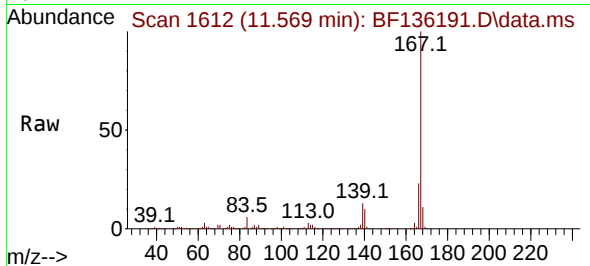
179 13.1 12.6 18.8





#73
 Carbazole
 Concen: 52.545 ng
 RT: 11.569 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-11MS



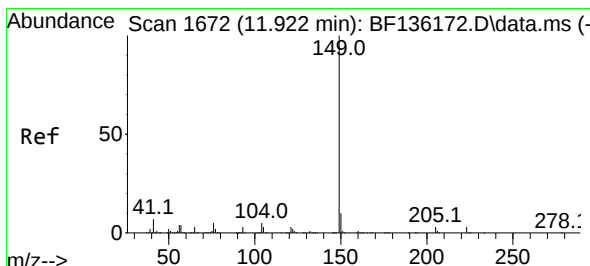
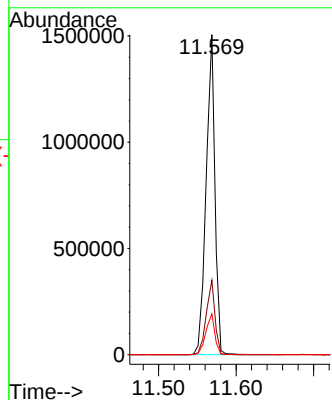
Tgt Ion:167 Resp: 1190898
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.3 25.9
 139 12.8 10.7 16.1

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Reviewed By :Yogesh
 Patel

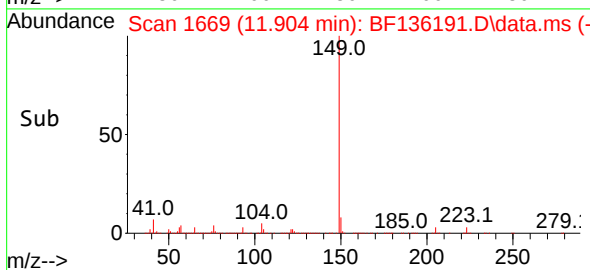
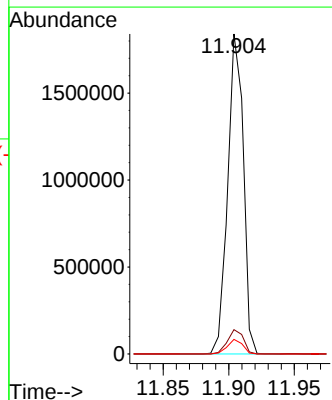
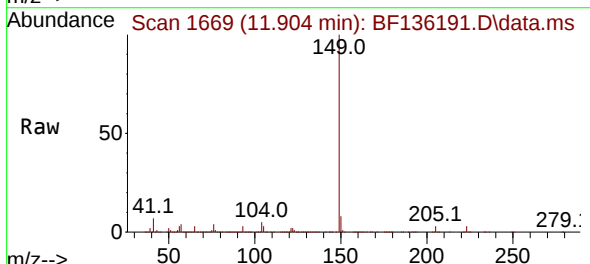
11/25/2023
 Supervised By :mohammad
 ahmed

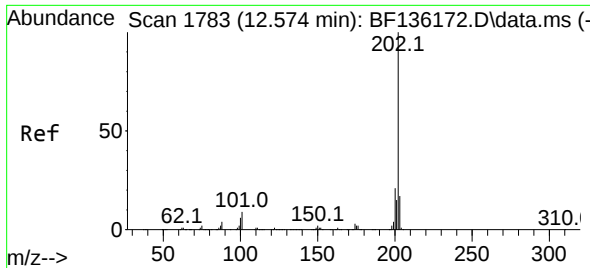
11/27/2023



#74
 Di-n-butylphthalate
 Concen: 56.677 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

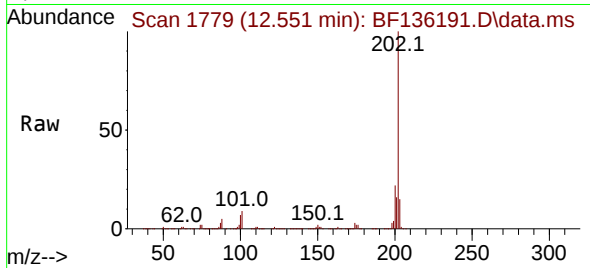
Tgt Ion:149 Resp: 1519639
 Ion Ratio Lower Upper
 149 100
 150 7.6 7.7 11.5#
 104 4.6 4.2 6.2





#75
Fluoranthene
Concen: 51.608 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



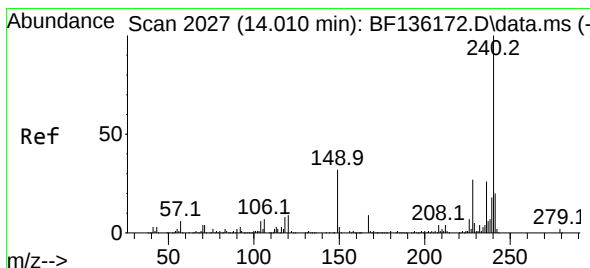
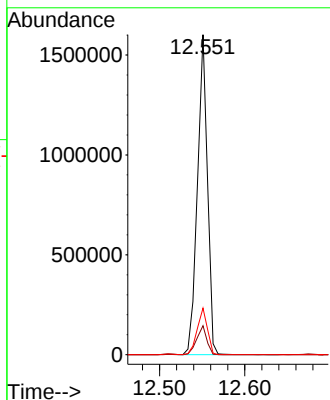
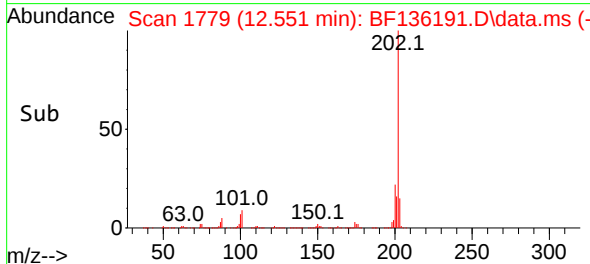
Tgt Ion:202 Resp: 130592
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.6
203 14.6 0.0 37.2

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Reviewed By :Yogesh
Patel

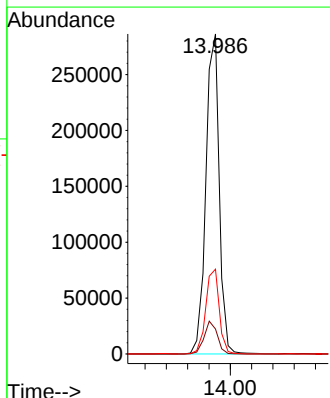
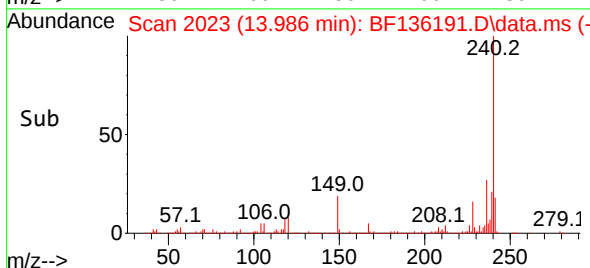
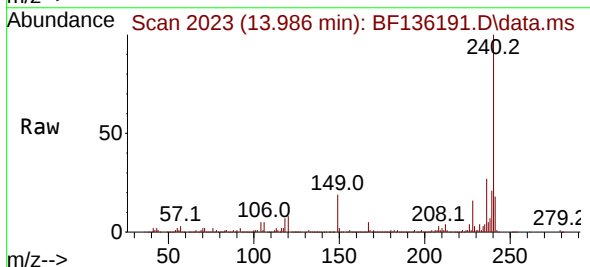
11/25/2023
Supervised By :mohammad
ahmed

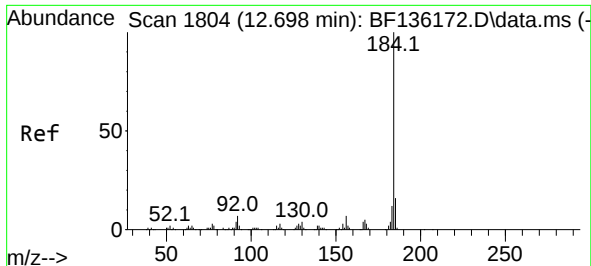
11/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:240 Resp: 249168
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.5 20.9 31.3





#77
Benzidine
Concen: 93.395 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS

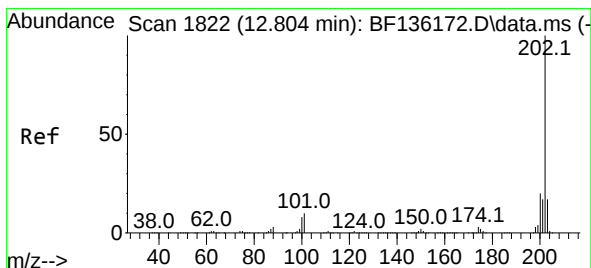
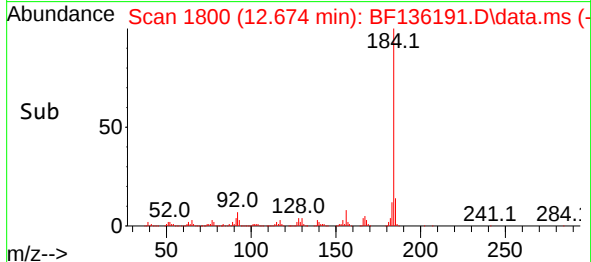
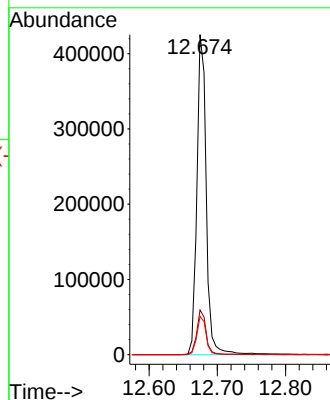
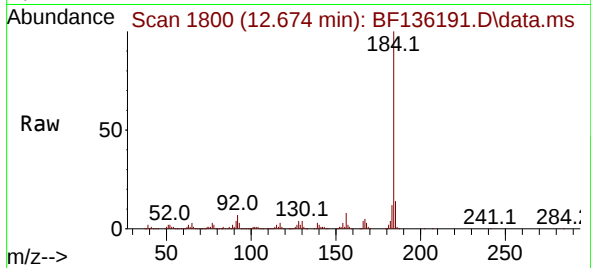
Tgt Ion:184 Resp: 402954
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 12.0 9.2 13.8

Manual Integrations
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Reviewed By :Yogesh
Patel

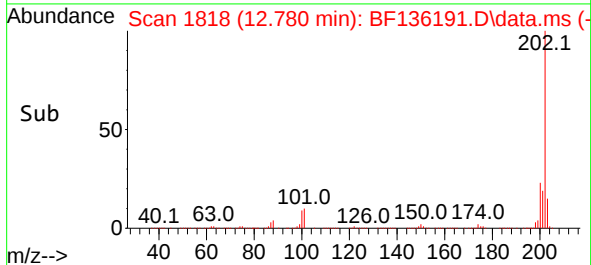
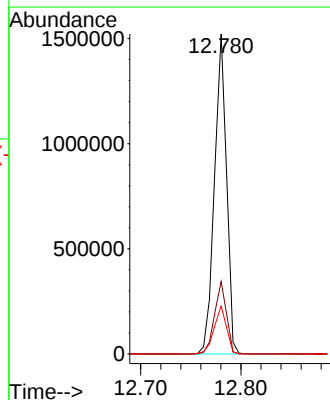
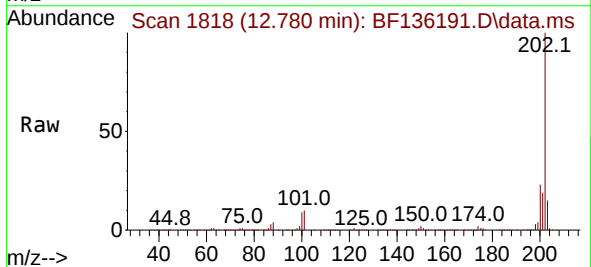
11/25/2023
Supervised By :mohammad
ahmed

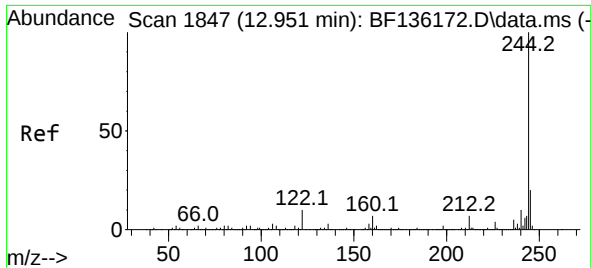
11/27/2023



#78
Pyrene
Concen: 54.579 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

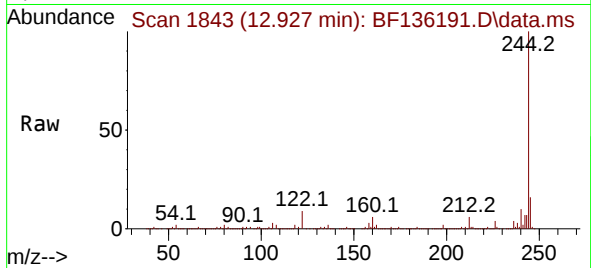
Tgt Ion:202 Resp: 1271699
Ion Ratio Lower Upper
202 100
200 22.6 16.2 24.2
203 14.9 13.6 20.4





#79
 Terphenyl-d14
 Concen: 85.546 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-11MS



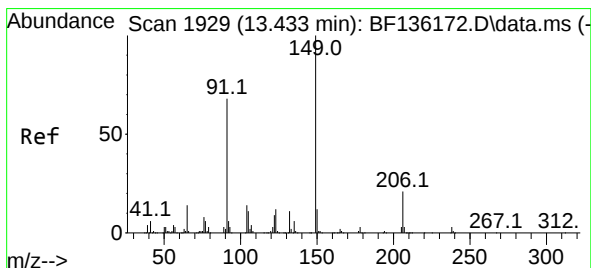
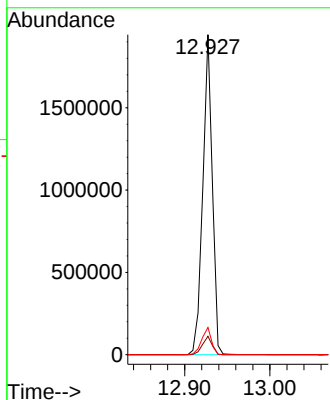
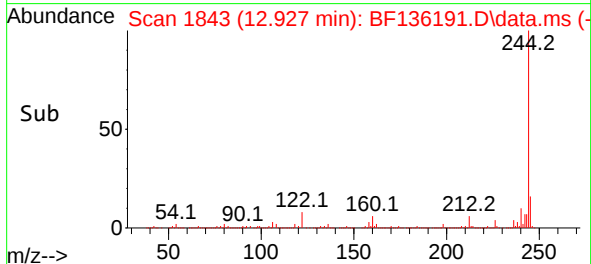
Tgt Ion:244 Resp: 1501629
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.4 8.0
 122 8.5 8.1 12.1

Manual Integrations
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Reviewed By :Yogesh
 Patel

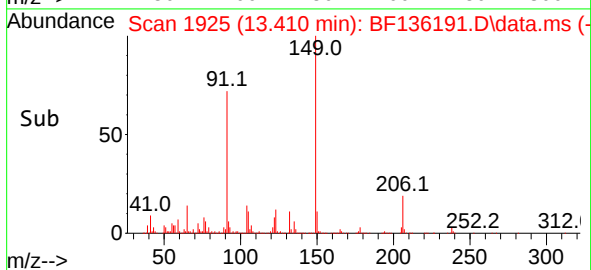
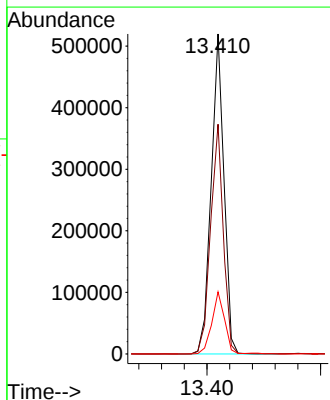
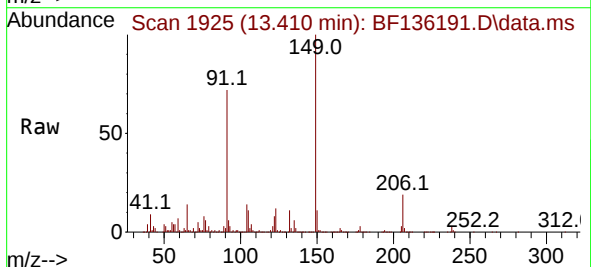
11/25/2023
 Supervised By :mohammad
 ahmed

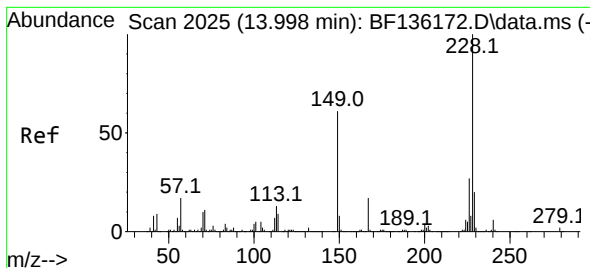
11/27/2023



#80
 Butylbenzylphthalate
 Concen: 54.444 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136191.D
 Acq: 24 Nov 2023 21:20

Tgt Ion:149 Resp: 404222
 Ion Ratio Lower Upper
 149 100
 91 71.8 54.2 81.2
 206 19.4 16.6 25.0





#81

Benzo(a)anthracene

Concen: 52.828 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:228 Resp: 87309

Ion Ratio Lower Upper

228 100

226 28.0 21.3 31.9

229 17.5 15.9 23.9

Manual Integrations

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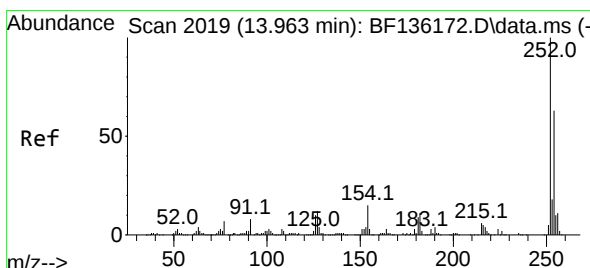
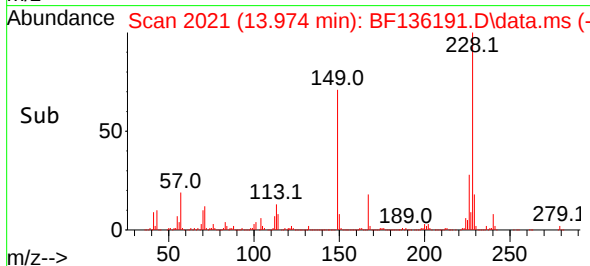
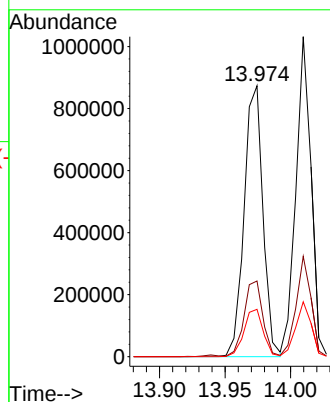
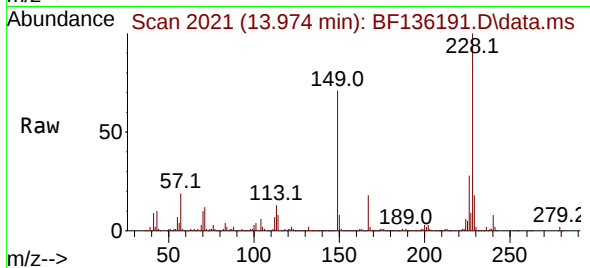
Reviewed By :Yogesh

Patel

11/25/2023

Supervised By :mohammad
ahmed

11/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 47.035 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

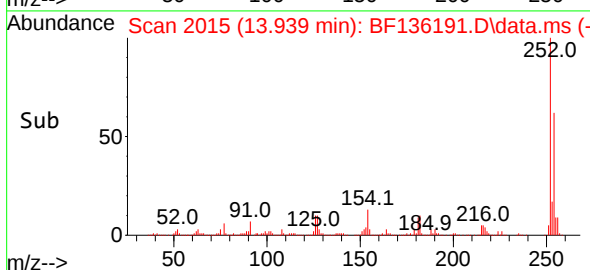
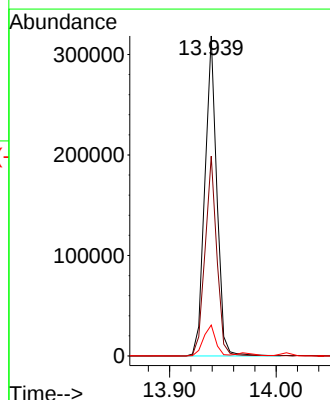
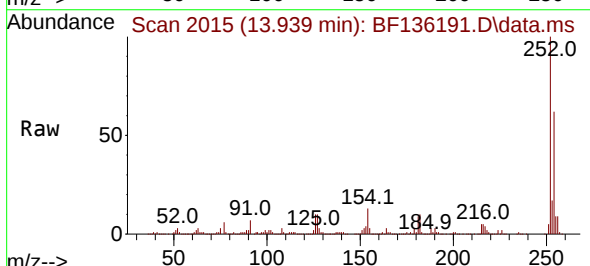
Tgt Ion:252 Resp: 249548

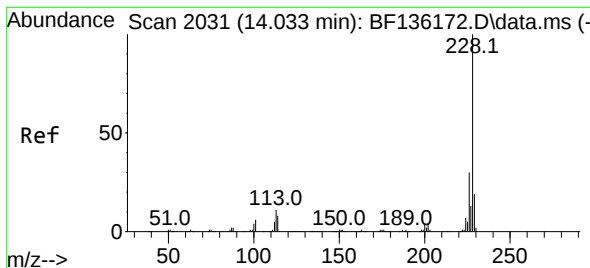
Ion Ratio Lower Upper

252 100

254 62.5 50.7 76.1

126 9.6 8.2 12.2





#83

Chrysene

Concen: 51.415 ng

RT: 14.010 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:228 Resp: 831310

Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.6

229 17.1 15.7 23.5

Manual Integrations

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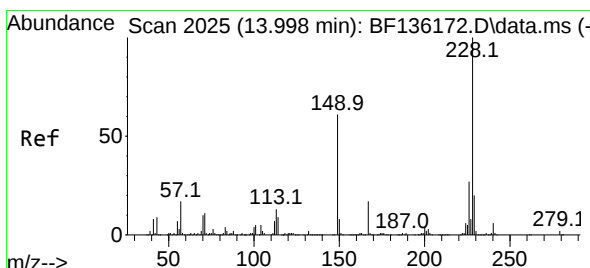
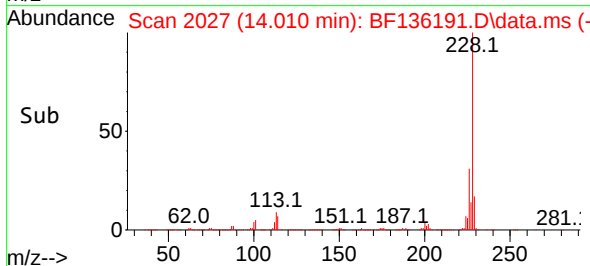
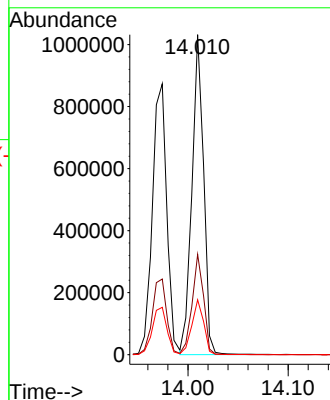
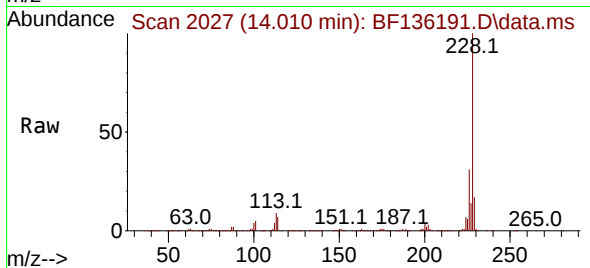
Reviewed By :Yogesh

Patel

11/25/2023

Supervised By :mohammad
ahmed

11/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.097 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

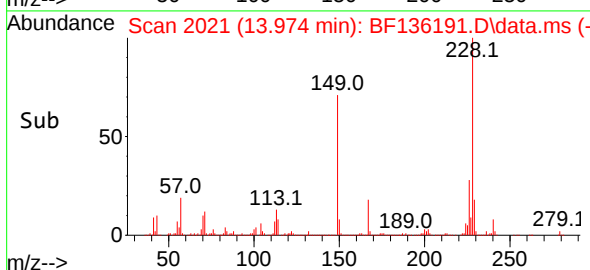
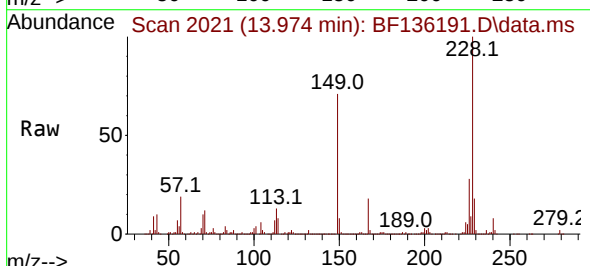
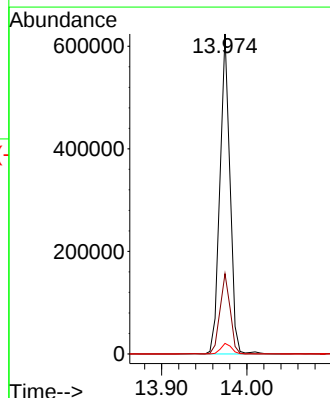
Tgt Ion:149 Resp: 511667

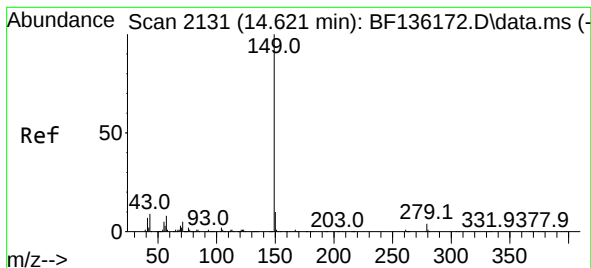
Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.8

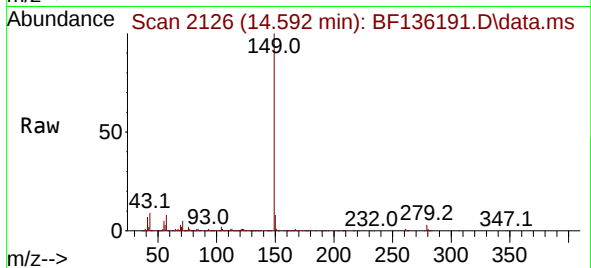
279 3.3 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 57.388 ng
RT: 14.592 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



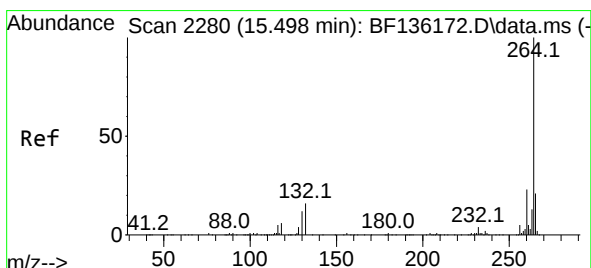
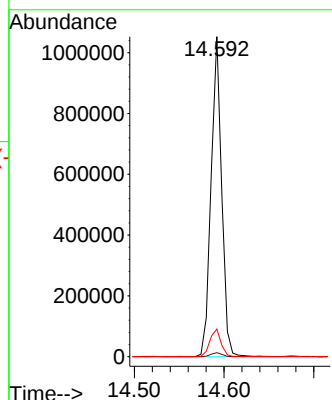
Tgt Ion:149 Resp: 861044
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 9.0 7.8 11.8

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Reviewed By :Yogesh
Patel

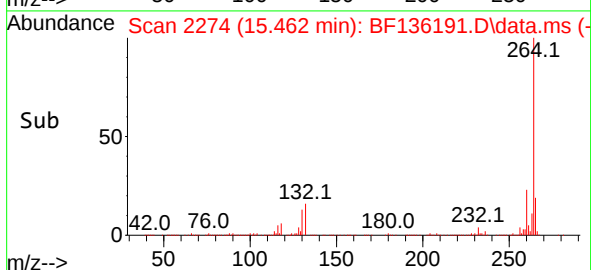
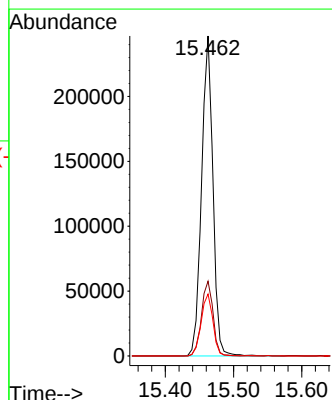
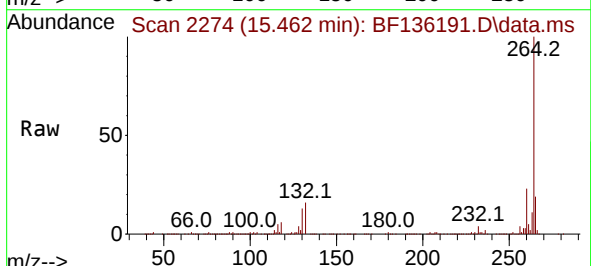
11/25/2023
Supervised By :mohammad
ahmed

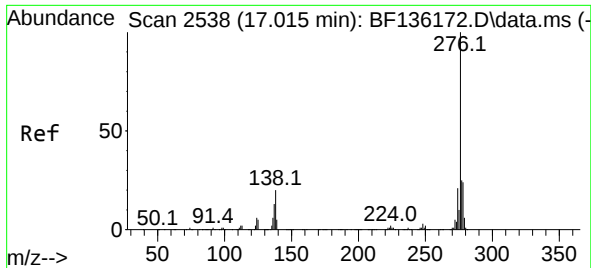
11/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

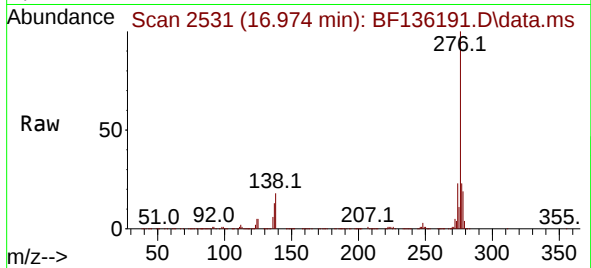
Tgt Ion:264 Resp: 285623
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 19.4 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.671 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



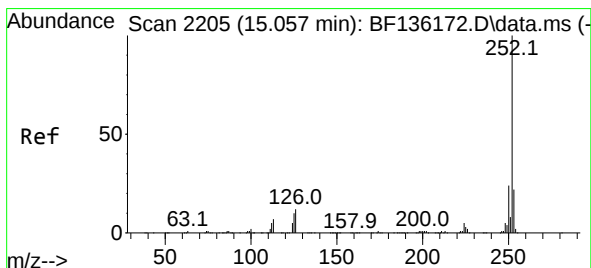
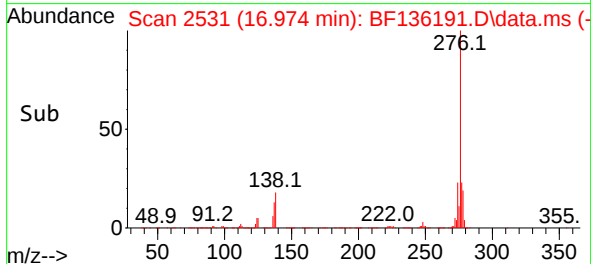
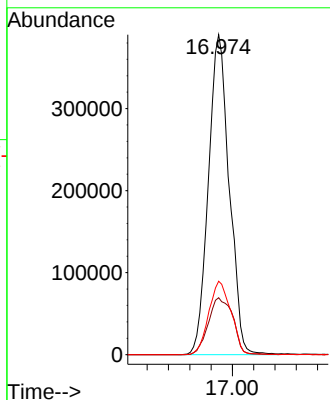
Tgt Ion:276 Resp: 106042
Ion Ratio Lower Upper
276 100
138 21.1 17.7 26.5
277 24.5 20.6 31.0

Manual Integrations
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Reviewed By :Yogesh
Patel

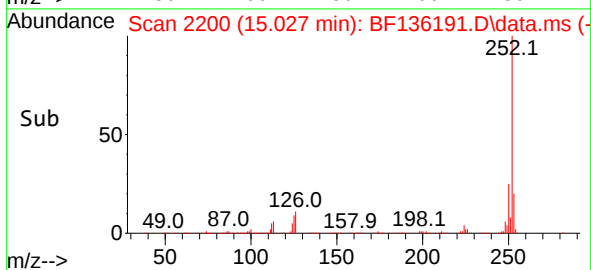
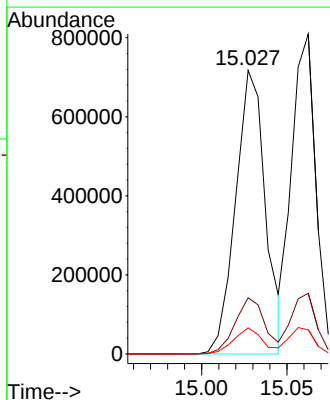
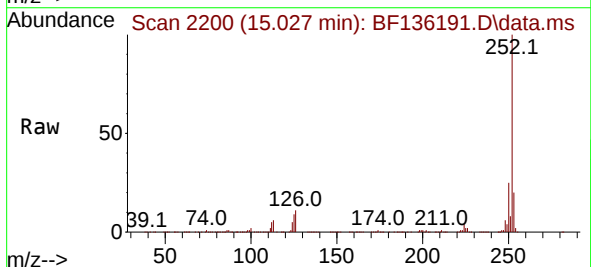
11/25/2023
Supervised By :mohammad
ahmed

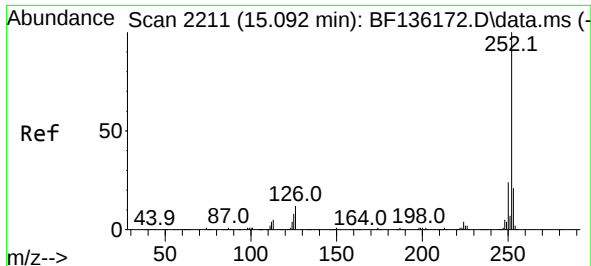
11/27/2023



#88
Benzo(b)fluoranthene
Concen: 55.612 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

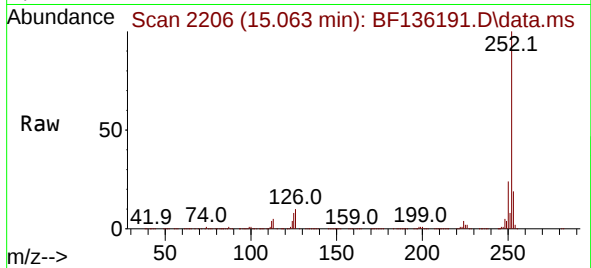
Tgt Ion:252 Resp: 876962
Ion Ratio Lower Upper
252 100
253 19.8 17.6 26.4
125 9.2 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 50.932 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TP-11MS



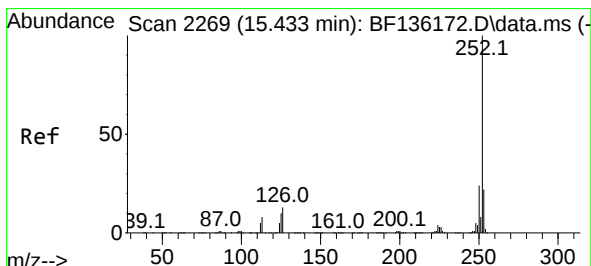
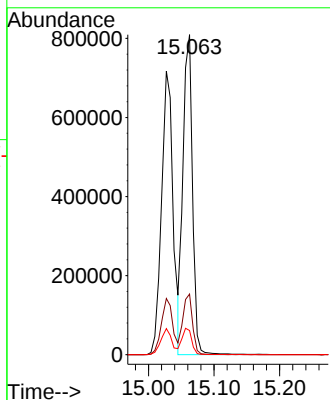
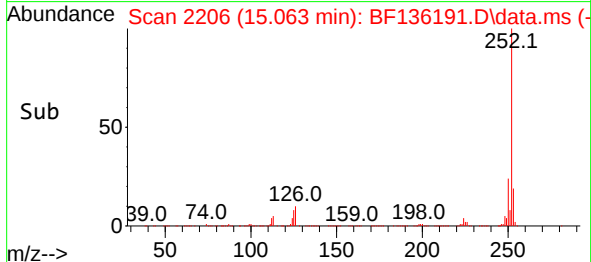
Tgt Ion:252 Resp: 808790
Ion Ratio Lower Upper
252 100
253 19.0 17.3 25.9
125 7.5 6.7 10.1

Manual Integrations
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Reviewed By :Yogesh
Patel

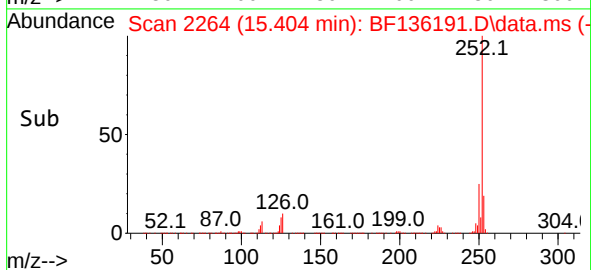
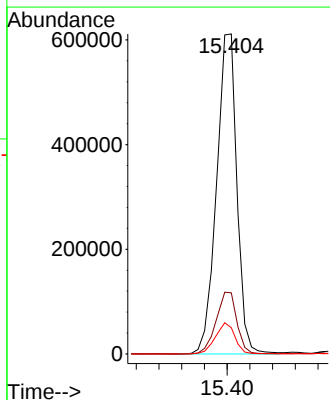
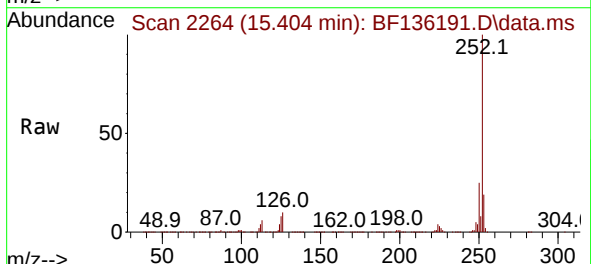
11/25/2023
Supervised By :mohammad
ahmed

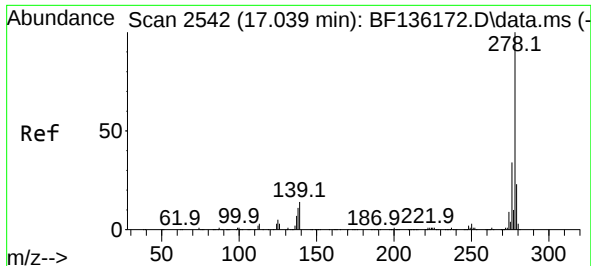
11/27/2023



#90
Benzo(a)pyrene
Concen: 49.017 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF136191.D
Acq: 24 Nov 2023 21:20

Tgt Ion:252 Resp: 762390
Ion Ratio Lower Upper
252 100
253 19.1 17.3 25.9
125 8.2 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 49.252 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TP-11MS

Tgt Ion:278 Resp: 854219

Ion Ratio Lower Upper

278 100

139 13.3 11.2 16.8

279 21.9 18.6 27.8

Manual Integrations

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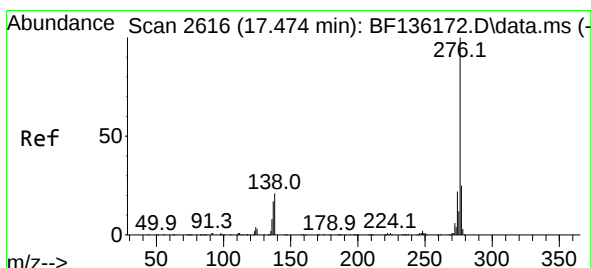
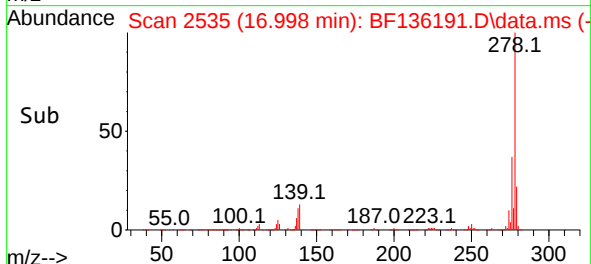
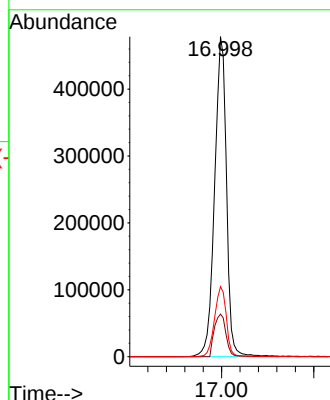
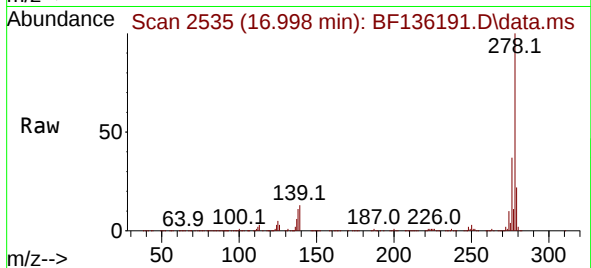
Reviewed By :Yogesh

Patel

11/25/2023

Supervised By :mohammad
ahmed

11/27/2023



#92

Benzo(g,h,i)perylene

Concen: 47.083 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BF136191.D

Acq: 24 Nov 2023 21:20

Tgt Ion:276 Resp: 827911

Ion Ratio Lower Upper

276 100

277 21.7 19.8 29.6

138 19.4 16.4 24.6

